SOUTH SANTA ROSA COUNTY

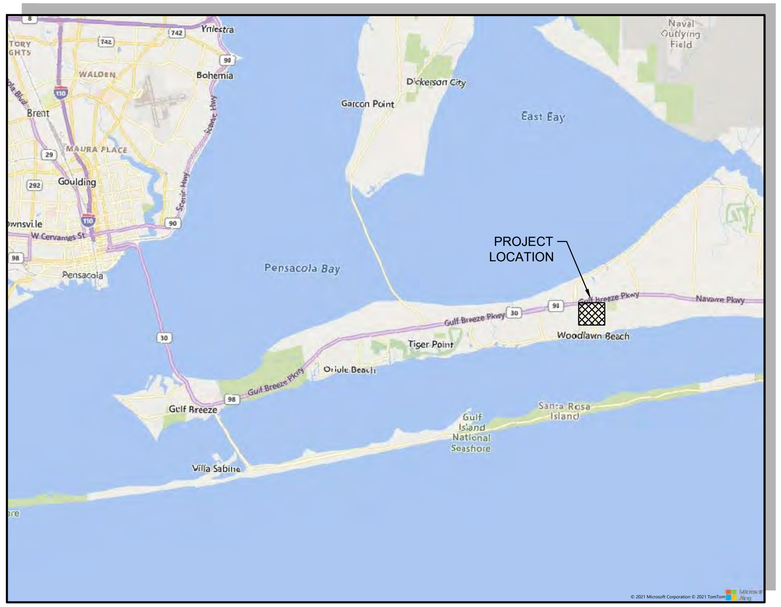
SOCCER COMPLEX AT PENSACOLA STATE COLLEGE

PREPARED FOR:
SANTA ROSA COUNTY

6495 CAROLINE STREET, SUITE M
MILTON, FL 32570
(850) 983-1877

COUNTY COMMISSIONERS

DISTRICT 1 BOBBY BURKETT
DISTRICT 2 KERRY SMITH - CHAIRMAN
DISTRICT 3 RHETT ROWELL
DISTRICT 4 RAY EDDINGTON
DISTRICT 5 COLTEN WRIGHT - VICE-CHAIRMAN



VICINITY MAP
SCALE: 1" = 2 MILES



LOCATION PLAN
SCALE: 1" = 1/4 MILE

ISSUED FOR BID
(NOT FOR CONSTRUCTION)

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

COVER SHEET

Designed by: ZS	Cad by: JH	Reviewed by: EN	Rev: -
Drawn by: ZS		Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Date: 2025/02
			M&N Project No. 202000
			Drawing code:
			Drawing Scale:
			Plot scale: 1:1 (D SHEET)

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
G-001
INDEX: 1 OF 65

File: Q:\ORL\202000\20 CADD_Active_Civil\202000-G-001 ; Plotted: 6/13/2025 10:37 AM by STUHR, ZACK ; Saved: 6/13/2025 9:31 AM by ZSTUHR

INDEX NO.	SHEET NO.	DRAWING TITLE	REV
		GENERAL	
1	G-001	COVER SHEET	
2	G-002	DRAWING INDEX	
3	G-003	ABBREVIATIONS, LEGEND	
4	G-004	GENERAL NOTES	
5	G-100	GENERAL ARRANGEMENT PLAN	
6	G-101	SURVEY CONTROL PLAN	
7	G-102	KEY PLAN	
8	G-103	BASIN & PHASE MAP	
9	1 OF 10	SURVEY	
10	2 OF 10	SURVEY	
11	3 OF 10	SURVEY	
12	4 OF 10	SURVEY	
13	5 OF 10	SURVEY	
14	6 OF 10	SURVEY	
15	7 OF 10	SURVEY	
16	8 OF 10	SURVEY	
17	9 OF 10	SURVEY	
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21	B-601	BORING LOGS	
22	CD-101	EROSION CONTROL AND DEMOLITION PLAN	
		CIVIL	
23	C-010	TYPICAL SECTIONS	
24	C-101	OVERALL DRAINAGE PLAN	
25	C-102	MASS GRADING PLAN	
26	C-111	PLAN & PROFILE	
27	C-112	PLAN & PROFILE	
28	C-113	PLAN & PROFILE	
29	C-114	PLAN & PROFILE	
30	C-115	PLAN & PROFILE	
31	C-121	SITE LAYOUT PLAN 1	
32	C-122	SITE LAYOUT PLAN 2	
33	C-123	SITE LAYOUT PLAN 3	
34	C-124	SITE LAYOUT PLAN 4	
35	C-125	SITE LAYOUT PLAN 5	
36	C-126	SITE LAYOUT PLAN 6	
37	C-221	GRADING & DRAINAGE PLAN 1	
38	C-222	GRADING & DRAINAGE PLAN 2	
39	C-223	GRADING & DRAINAGE PLAN 3	
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45	C-241	POND LAYOUT & GRADING PLAN	
46	C-301	ROADWAY CROSS-SECTIONS	
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51	C-501	CIVIL DETAILS	
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55	C-602	PHASE 2 PARKING LOT LAYOUT & GRADING PLAN	
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58	C-801	STORMWATER POLLUTION PREVENTION PLAN	
59	C-802	STORMWATER POLLUTION PREVENTION PLAN	

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ZACKARY W. STURH LICENSE No. 77671 STATE OF FLORIDA PROFESSIONAL ENGINEER

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

MOFFATT & NICHOL
100 N. SPRING ST., STE 2
PENSACOLA, FL 32502
ZACKARY W. STURH, P.E. NO. 77671

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE ABOVE SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INDEX NO.	SHEET NO.	DRAWING TITLE	REV
		LANDSCAPE	
60	L-101	LANDSCAPE PLAN PHASE 1	
61	L-102	LANDSCAPE PLAN PHASE 2	
62	L-201	LANDSCAPE DETAILS	
63	L-202	LANDSCAPE DETAILS	
64	L-203	LANDSCAPE DETAILS	
65	L-204	LANDSCAPE DETAILS	

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

REGISTERED LANDSCAPE ARCHITECT BRUCE W. BRODSKY LA 0001742 STATE OF FLORIDA

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BRUCE W. BRODSKY, LA 0001742

THE ABOVE NAMED LANDSCAPE ARCHITECT SHALL BE RESPONSIBLE FOR THE ABOVE SHEETS IN ACCORDANCE WITH RULE 61G10-23.004, F.A.C.

INDEX NO.	SHEET NO.	DRAWING TITLE	REV
		IRRIGATION PLANS (PREPARED BY JERRY PATE DESIGN)	
1	IR101	IRRIGATION KEY SHEET	
2	IR102	IRRIGATION PLAN	
3	IR103	IRRIGATION PLAN	
4	IR104	IRRIGATION PLAN	
5	IR105	IRRIGATION PLAN	
6	IR106	PHASE 2 IRRIGATION KEY PLAN	
7	IR107	PHASE 2 IRRIGATION PLAN	
8	IR201	IRRIGATION DETAILS	
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3	U-03	UTILITY PLAN SHEET	
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8	U-08	UTILITY DETAIL 3	
9	U-09	UTILITY DETAIL 4	
10	U-10	UTILITY DETAIL 5	
11	U-11	GENERAL NOTES	

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ARTHUR VANCE HOOKS IV LICENSE No. 66355 STATE OF FLORIDA PROFESSIONAL ENGINEER

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VOLKERT, INC.
14101 PANAMA CITY BEACH PKWY.
PANAMA CITY BEACH, FL 32413
ARTHUR VANCE HOOKS IV, P.E. NO. 66355

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE ABOVE SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INDEX NO.	SHEET NO.	DRAWING TITLE	REV
		ELECTRIC PLANS (PREPARED BY VOLKERT)	
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2	E-02	ELECTRICAL PLAN SHEET	
3	E-03	ELECTRICAL PLAN SHEET	
4	E-04	ELECTRICAL PLAN SHEET	
5	E-05	ELECTRICAL PLAN SHEET	
6	E-06	ELECTRICAL DETAIL 1	
7	E-07	ELECTRICAL DETAIL 2	
8	E-08	CONTROL SYSTEM SUMMARY TABLES	

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

KENNETH W. POWERS LICENSE No. 78362 STATE OF FLORIDA PROFESSIONAL ENGINEER

ON THE DATE ADJACENT TO THE SEAL

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VOLKERT, INC.
1616 2ND AVE. S., STE 150
BIRMINGHAM, AL 35233
KENNETH W. POWERS, P.E. NO. 78362

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE ABOVE SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INDEX NO.	SHEET NO.	DRAWING TITLE	REV
		ARCHITECTURAL PLANS (PREPARED BY BULLOCK TICE ASSOCIATES)	
		PHASE 1 BUILDING	
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2	S-002	GENERAL NOTES AND WIND INFORMATION	
3	S-101	FOUNDATION PLAN	
4	S-102	SLAB ON-GRADE PLAN	
5	S-103	ROOF FRAMING PLAN	
6	S-201	FULL HEIGHT EXTERIOR WALL SECTIONS	
7	S-202	FULL HEIGHT INTERIOR WALL SECTIONS	
8	S-203	FULL HEIGHT WAITING AREA WALL SECTIONS	
9	S-302	TYPICAL DETAILS	
10	S-303	TYPICAL DETAILS	
11	A-001	LIFE SAFETY PLAN	
12	A-110	BUILDING PLAN	
13	A-140	ROOF PLAN	
14	A-141	ROOF DETAILS	
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16	A-143	ROOF DETAILS	
17	A-150	CEILING PLAN	
18	A-201	EXTERIOR ELEVATIONS	
19	A-202	EXTERIOR ELEVATIONS	
20	A-301	BUILDING SECTIONS	
21	A-310	WALL SECTIONS AND PLAN DETAILS	
22	A-401	ENLARGED PLANS	
23	A-402	INTERIOR ELEVATIONS	
24	A-601	OPENING SCHEDULE AND DETAILS	
25	A-602	DOOR AND WINDOW DETAILS	
26	P-001	PLUMBING LEGEND, SCHEDULES, & DETAILS	
27	P-101	PLUMBING FLOOR PLAN	
28	M-001	HVAC LEGEND & NOTES	
29	M-002	HVAC SCHEDULES & DETAILS	
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32	E-002	SCHEDULES	
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		PHASE 2 BUILDING	
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3	S-101	FOUNDATION PLAN	
4	S-102	SLAB ON-GRADE PLAN	
5	S-103	ROOF FRAMING PLAN	
6	S-201	FULL HEIGHT EXTERIOR WALL SECTIONS	
7	S-202	FULL HEIGHT INTERIOR WALL SECTIONS	
8	S-302	TYPICAL DETAILS	
9	S-303	TYPICAL DETAILS	
10	A-001	LIFE SAFETY PLAN	
11	A-110	BUILDING AND CEILING PLANS	
12	A-140	ROOF PLAN	
13	A-141	ROOF DETAILS	
14	A-201	EXTERIOR ELEVATIONS	
15	A-301	BUILDING SECTIONS, WALL SECTIONS AND PLAN DETAILS	
16	A-401	ENLARGED PLANS	
17	A-402	INTERIOR ELEVATIONS	
18	A-601	OPENING SCHEDULE AND DETAILS	
19	A-602	DOOR DETAILS	
20	P-001	PLUMBING LEGEND, SCHEDULES, & DETAILS	
21	P-101	PLUMBING FLOOR PLAN	
22	M-001	HVAC LEGEND & NOTES	
23	M-002	HVAC SCHEDULES & DETAILS	
24	M-101	HVAC FLOOR PLAN	
25	E-001	ELECTRICAL LEGEND, SCHEDULES AND DETAILS	
26	E-002	SCHEDULES	
27	E-101	LIGTHING, POWER AND SIGNAL PLANS	

JUNE 2025
ISSUED FOR BID
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SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

DRAWING INDEX

Designed by: ZS
Drawn by: ZS
Cad by: JH
Reviewed by: EN
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

Date: 2025/02
Rev.: -
M&N Project No. 202000
Drawing code:
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Plot scale: 1:1 (0 SHEET)

100 NORTH SPRING STREET
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moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

SEAL

Sheet Reference No.
G-002
INDEX: 2 OF 65

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

ABBREVIATIONS

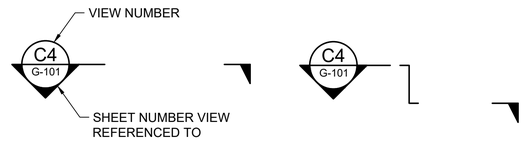
AB	ANCHOR BOLT or AGGREGATE BASE
ABAND	ABANDONED
ABBR	ABBREVIATION
ABUT	ABUTMENT
ABV	ABOVE
AC	ASPHALT CONCRETE, AIR COMPRESSOR or ALTERNATING CURRENT
A/C	AIR CONDITIONING
ACI	AMERICAN CONCRETE INSTITUTE
AGG	AGGREGATE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALUM	ALUMINUM
APPROX	APPROXIMATE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
AWS	AMERICAN WELDING SOCIETY
AWWA	AMERICAN WATER WORKS ASSOCIATION
BAV	BALL VALVE
BC	BEGIN CURVE or BARE COPPER
BCR	BEGIN CURB RETURN
BFP	BACKFLOW PREVENTER
BFV	BUTTERFLY VALVE
BLDG	BUILDING
BLKG	BLOCKOUT
BM	BENCH MARK
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BVC	BEGIN VERTICAL CURVE
BW	BACK OF WALK
C	CONDUIT or CONTROL
CAB	CRUSHED AGGREGATE BASE
CB	CATCH BASIN
CF	CUBIC FEET
C&G	CURB AND GUTTER
CJ	CONSTRUCTION JOINT
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT or CONDUIT ONLY COL COLUMN
CONC	CONCRETE
COND	CONDUIT
CONST	CONSTRUCTION
CONT	CONTINUOUS or CONTINUE
COORD	COORDINATE
CU	CUBIC or COPPER
CV	CHECK VALVE
CZ	CLEAR ZONE
DET	DETAIL
DI	DUCTILE IRON
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DIM	DIMENSION
DN	DOWN
DSF	DOUBLE SILT FENCE
DWGS	DRAWINGS
E	EAST
EA	EACH
EC	END CURVE
ECR	END CURB RETURN
EF	EACH FACE
EG	EXISTING GROUND
EJ	EXPANSION JOINT
EL	ELEVATION
ELL	ELBOW
ELECT	ELECTRICAL
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EQUIP	EQUIPMENT
ES	EACH SIDE
EVC	END VERTICAL CURVE
EW	EACH WAY or EXISTING WATER
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FF	FINISH FLOOR
FFE	FINISHED FLOOR ELEVATION
FG	FINAL GRADE, FINISHED GRADE or FINISHED GROUND
FH	FIRE HYDRANT
FIN	FINISH
FL	FLOW LINE
FM	FORCE MAIN
FND	FOUNDATION
FS	FINISHED SURFACE or FUEL SUPPLY
FT	FOOT or FEET
G	GAS
GAL	GALLON
GALV	GALVANIZED
GB	GRADE BREAK
GND	GROUND
GPM	GALLONS PER MINUTE
GV	GATE VALVE
H	HEIGHT
HB	HOSE BIBB
HD	HEAD
HORIZ	HORIZONTAL
HP	HORSE POWER or HIGH PRESSURE
HR	HOUR
ID	INSIDE DIAMETER
INV	INVERT
JB	JUNCTION BOX
JS	JUNCTION STRUCTURE
JT	JOINT
L	LENGTH
LAT	LATERAL
LF	LINEAR or LINEAL FEET
LG	LONG
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MET	METAL
MFTR	MANUFACTURE or MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MON	MONUMENT
N	NORTH
NAVD	NORTH AMERICAN VERTICAL DATUM
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NGVD	NATIONAL GEODETIC VERTICAL DATUM
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
NPT	NATIONAL PIPE THREAD
OBS	OBSTRUCTION
OC	ON CENTER
OD	OUTSIDE DIAMETER
OG	ORIGINAL GRADE
OH	OVERHEAD
P	POWER, POLE, PUMP or PIPE
PB	PULL BOX
PC	PIPE CLAMP, PRECAST CONCRETE or POINT of CURVATURE
PCC	PORTLAND CEMENT CONCRETE
PI	POINT of INTERSECTION
POC	POINT OF CONNECTION or POINT ON CURVE
POT	POINT ON TANGENT
POV	POINT ON VERTICAL CURVE
PRC	PIONT of REVERSE CURVE
PRVC	POINT of REVERSE VERTICAL CURVE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAGE
PT	POINT or POINT of TANGENCY
PV	PLUG VALVE
PVC	POINT of VERTICAL CURVATURE or POLYVINYL CHLORIDE
PVI	POINT of VERTICAL INTERSECTION
PVMT	PAVEMENT
PVT	POINT of VERTICAL TANGENCY
PWR	POWER
R	RADIUS or RIGID
RAD	RADIUS or RADIAL
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RED	REDUCER
REINF	REINFORCING
REQD	REQUIRED
RET	RETAINING
ROW	RIGHT OF WAY
RPM	ROTATION PER MINUTE
RPZ	RUNWAY PROTECTION ZONE or REDUCE PRESSURE ZONE
RT	RIGHT
RV	RELEASE VALVE
S	SEWER, SLOPE or SOUTH
SAN	SANITARY
SCH	SCHEDULE
SD	STORM DRAIN
SECT	SECTION
SF	SQUARE FOOT/FEET or SILT FENCE
SHLDR	SHOULDER
SHT	SHEET
SIM	SIMILAR
SPA	SPACE
SPECS	SPECIFICATIONS
SQ	SQUARE
SS	STAINLESS STEEL or SANITARY SEWER
STA	STATION
STD	STANDARD
SYM	SYMMETRICAL
T	TANGENT
T&B	TOP AND BOTTOM
TC	TOP OF CURB
TELE	TELEPHONE
TEMP	TEMPERATURE or TEMPORARY
THRU	THROUGH
TOT	TOTAL
TRANSV	TRANSVERSE
TYP	TYPICAL
TW	TOP OF WALL
UTIL	UTILITY
VAR	VARIES
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
W	WATER, WEST, WIDE or WIRE
WWF	WELDED WIRE FABRIC

LEGEND



VIEW TITLE

DETAIL CALLOUT



SECTION CALLOUT

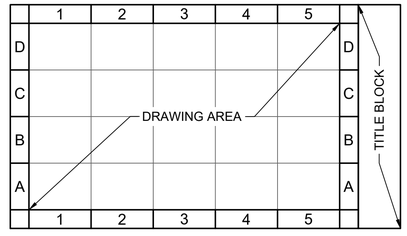
SECTION CALLOUT WITH JOG



KEYED NOTE

DETAIL CALLOUT WITH LEADERS

* VIEW NUMBER IS BASED ON THE (DACS) LOCATION OF THE LOWER-LEFT EXTENTS OF THE VIEW ON THE REFERENCED SHEET. WHEN REFERENCING DRAWING INFORMATION BETWEEN SHEETS, BOTH THE VIEW AND SHEET NUMBERS MUST BE QUOTED TOGETHER - EITHER IN A CALLOUT FORMAT AS SHOWN ABOVE OR IN THE FORM;
"VIEW NO./SHEET NO." (EG A1/CS-5001)



DRAWING AREA COORDINATE SYSTEM (DACS)

JUNE 2025
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SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

ABBREVIATIONS & LEGEND

Rev. -
Date: 2025/02
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (0 SHEET)
Designed by: ZS
Drawn by: ZS
Cad by: JH
Reviewed by: EN
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

100 NORTH SPRING STREET
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PENSACOLA, FL 32502
moffatt & nichol

SANTA ROSA COUNTY
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MILTON, FL 32570

ZACKARY W. STUHR
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No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
G-003
INDEX: 3 OF 65

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SANTA ROSA COUNTY DESIGN STANDARDS.
2. NO CONSTRUCTION ACTIVITIES MAY COMMENCE PRIOR TO SUBMISSION OF APPROVED COPIES OF ALL REQUIRED LOCAL, STATE, AND FEDERAL PERMITS TO THE SANTA ROSA COUNTY ENGINEERING OFFICE.
3. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A UTILITY PERMIT FROM THE COUNTY ROAD AND BRIDGE DEPARTMENT PRIOR TO COMMENCING ANY WORK WITHIN THE COUNTY'S RIGHT OF WAY.
4. THE STREET SIGNS WITH THE APPROVED ADDRESS RANGES ASSIGNED BY THE SRC ADDRESSING DEPARTMENT SHALL BE IN PLACE PRIOR TO APPROVAL OF THE FINAL PLAT.
5. ALL PROPOSED SUBDIVISION SIGNS SHALL BE IN ACCORDANCE WITH LDC SECTION 4.10.00.
6. ALL HERITAGE AND/OR CHAMPION TREES LOCATED WITHIN THE PROPERTY BOUNDARY MUST BE PROTECTED.
7. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THESE DRAWINGS AND FDOT SPECIFICATIONS.
8. NOTES BELOW ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES.
9. SITE VERIFICATION: PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE SITE CONDITIONS AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES IN DIMENSIONS OR SITE CONDITIONS. THE CONTRACTOR SHALL NOT BEGIN CONSTRUCTION IN ANY SUCH AFFECTED AREA UNTIL THE DISCREPANCY HAS BEEN RESOLVED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
10. ALL SAFETY REGULATIONS ARE TO BE STRICTLY FOLLOWED.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO ALL PERMIT CONDITIONS AND REPORTING REQUIREMENTS OF ALL GOVERNMENTAL AGENCIES AS REQUIRED.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BRINGING ALL ELEMENTS OF THE PROJECT IN CONFORMANCE WITH THESE DRAWINGS AND SPECIFICATIONS. IF ANY MODIFICATIONS ARE REQUIRED IN ANY ELEMENT, THE CONTRACTOR SHALL SUBMIT PROPOSED CHANGES TO THE ENGINEER FOR APPROVAL.
13. CONTRACTOR SHALL PROVIDE AS-BUILT SURVEY AND DRAWINGS OF COMPLETED WORK TO THE ENGINEER BY A LICENSED SURVEYOR.
14. ALL TEMPORARY UTILITIES NECESSARY FOR CONSTRUCTION SHALL BE PROVIDED AT THE EXPENSE OF THE CONTRACTOR.
15. DIMENSIONS SHOWN ARE IN FEET UNLESS OTHERWISE NOTED. ELEVATIONS ARE IN FEET UNLESS OTHERWISE NOTED.
16. EXISTING CONSTRUCTION, INCLUDING UTILITIES AND OTHER MISCELLANEOUS ITEMS WHICH ARE TO REMAIN, SHALL REMAIN UNDISTURBED AND BE PROTECTED AT THE CONTRACTORS EXPENSE, UNLESS OTHERWISE NOTED.
17. ANY DAMAGE TO ROADS CAUSED BY THE CONSTRUCTION ACTIVITIES RELATED TO THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
18. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING, AT HIS OWN EXPENSE, ANY AND ALL DAMAGES THAT MAY OCCUR OUTSIDE THE LIMITS OF THIS PROJECT AS A RESULT OF DEMOLITION/CONSTRUCTION.
19. AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION, AT NO ADDITIONAL EXPENSE TO THE OWNER, UNLESS OTHERWISE NOTED.
20. THE CONTRACTOR SHALL PROTECT ADJACENT STRUCTURES, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC FROM POTENTIAL DAMAGE DUE TO CONTRACTOR'S OPERATIONS.
21. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY AND PROTECTION OF PERSONNEL, EQUIPMENT, CONSTRUCTION, AND ADJACENT FACILITIES FOR THE DURATION OF THIS CONTRACT. THE CONTRACTOR AND HIS SUB-CONSULTANTS SHALL PREPARE AND CONFORM TO A PROJECT SPECIFIC HEALTH AND SAFETY PLAN. THE ENGINEER OF RECORD AND THE OWNER SHALL NOT BE RESPONSIBLE FOR JOB SITE SAFETY PROCEDURES.
22. THE ACCURACY OF EXISTING UTILITIES SHOWN ON PLANS ARE NOT GUARANTEED. ACTUAL FIELD CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION OF MATERIALS, ORDERING MATERIALS, OR PERFORMING WORK
23. CONTRACTOR SHALL LOCATE ALL UTILITIES IN THE AREA OF CONSTRUCTION PRIOR TO COMMENCING WITH DEMOLITION AND CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL CONFLICTS WITH EXISTING UTILITIES.
24. PRIOR TO DIGGING, CONTRACTOR SHALL CONTACT EACH SERVICE PROVIDER AND REQUEST THAT A REPRESENTATIVE VISIT THE SITE TO INSPECT AND CONFIRM IF ANY UTILITIES ARE PRESENT. FEES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
25. NO SALVAGE VALUE IS EXPRESSED OR IMPLIED BY THESE CONTRACT DOCUMENTS FOR THE ITEMS TO BE REMOVED OR DEMOLISHED.
26. APPARENT ERRORS, DISCREPANCIES OR OMISSIONS ON THE DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION BEFORE BIDDING. NO EXTRA PAYMENT WILL BE ALLOWED FOR ANY WORK REQUIRED DUE TO MISUNDERSTANDING OF JOB OR SITE CONDITIONS AFFECTING THE WORK DESCRIBED IN THE CONTRACT DOCUMENTS OR SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL NOT TAKE ADVANTAGE OF ANY APPARENT ERROR OR OMISSION IN THE DRAWINGS OR SPECIFICATIONS, AND THE ENGINEER SHALL BE PERMITTED TO MAKE CORRECTIONS AND INTERPRETATIONS AS MAY BE DEEMED NECESSARY FOR FULFILLMENT OF THE INTENT OF THE CONTRACT DOCUMENTS. THE TENDERING OF A PROPOSAL WILL ACKNOWLEDGE ACCEPTANCE OF THESE CONDITIONS.

SURVEY NOTES

1. TOPOGRAPHIC SURVEY PERFORMED BY PITTMAN GLAZE & ASSOCIATES FEBRUARY 2021 AND ONLY REPRESENT CONDITIONS AT THE TIME OF THE SURVEY.
2. HORIZONTAL COORDINATES ARE REFERENCED TO NAD83 NA 2011. VERTICAL ELEVATIONS ARE REFERENCED TO NAVD 88.

SURVEY NOTES CONTINUED

3. SOIL INFORMATION IS BASED ON THE GEOTECHNICAL INFORMATION PROVIDED IN REPORT PREPARED BY TIERRA INC. DATED APRIL 2021. DATA IS REPRESENTATIVE OF SOIL CONDITIONS AT TIME OF INVESTIGATION.

ENVIRONMENTAL NOTES

1. IF A GOPHER TORTOISE BURROW IS FOUND ON THE PROJECT SITE, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK WITHIN A 25-FOOT PERIMETER OF THE BURROW, PLACE SILT FENCE AROUND THE BURROW AT A 25-FOOT PERIMETER TO PROTECT THE BURROW AND THEN IMMEDIATELY CONTACT THE PROJECT ENGINEER OR SANTA ROSA COUNTY ENGINEERING OFFICE FOR NEXT STEPS.
2. BLACK BEARS ARE PRESENT IN THE PROJECT AREA AND IT IS IMPORTANT THAT THE CONTRACTOR LET THEIR EMPLOYEES KNOW THAT BLACK BEAR PRESENCE IN THE AREA IS LIKELY. DURING CONSTRUCTION THE CONTRACTOR SHOULD FREQUENTLY REMOVE TRASH FROM SITE, ESPECIALLY WILDLIFE ATTRACTANT FOOD DISPOSED OF BY WORKERS. WILDLIFE-RESISTANT TRASH CONTAINERS ARE ALSO RECOMMENDED.
3. WETLAND AREAS AND ASSOCIATED BUFFERS SHALL BE CLEARLY DELINEATED AND PROTECTED PRIOR TO BEGINNING UPLAND CLEARING.

STORMWATER NOTES

1. FOR ALL PIPES LOCATED UNDER STREETS, BACKFILL SHALL BE IN 6" LIFTS, WITH DENSITY TESTING REQUIRED EVERY 2 VERTICAL FEET UP TO THE BOTTOM OF THE SUBGRADE. DENSITY IS TO BE A MINUMUM OF 95% PER AASHTO T180.
2. ALL ADS PIPE MUST BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR MUST PROVIDE PROOF TO THE COUNTY THAT HE IS CERTIFIED BY THE MANUFACTURER TO INSTALL ADS PIPE. THE COUNTY DOES NOT ALLOW ANY DEFLECTION IN ADS (HDPE) PIPE ONCE INSTALLED.
3. ALL PIPE JOINTS MUST BE WRAPPED WITH WOVEN FILTER CLOTH. COST FOR FILTER CLOTH SHALL BE INCLUDED IN THE COST OF THE PIPE.
4. PIPE CONNECTIONS TO STRUCTURES MUST INCLUDE CONCRETE COLLARS. COST FOR CONCRETE COLLAR SHALL BE INCLUDED IN THE COST OF THE STRUCTURE.
5. ALL RIP RAP PAD SHALL BE LINED WITH FILTER FABRIC. COST FOR FILTER FABRIC SHALL BE INCLUDED IN THE COST OF THE RIP RAP.

SANTA ROSA COUNTY TESTING FREQUENCIES

1. CURBPAD - TEST AT 300 FEET INTERVALS, ALTERNATING FROM CURBPAD AND OTHER LOCATIONS AS DIRECTED BY THE COUNTY ENGINEERING DEPARTMENT.
2. SUBGRADE - TEST AT 300 FEET INTERVALS, ALTERNATING FROM LEFT SIDE TO CENTERLINE TO RIGHT SIDE WITH ADDITIONAL TESTS AT ALL INTERSECTIONS, CUL-DE-SACS, AND OTHER LOCATIONS AS DIRECTED BY THE COUNTY ENGINEERING DEPARTMENT.
3. BASE - TEST AT 200 FEET INTERVALS, ALTERNATING FROM LEFT SIDE TO CENTERLINE TO RIGHT SIDE WITH ADDITIONAL TESTS AT ALL INTERSECTIONS, CUL-DE-SACS, AND OTHER LOCATIONS AS DIRECTED BY THE COUNTY ENGINEERING DEPARTMENT.
4. ASPHALT - TEST AT 300 FEET INTERVALS, ALTERNATING FROM LEFT SIDE TO CENTERLINE TO RIGHT SIDE WITH ADDITIONAL TESTS AT ALL INTERSECTIONS, CUL-DE-SACS, AND OTHER LOCATIONS AS DIRECTED BY THE COUNTY ENGINEERING DEPARTMENT.
5. ADDITIONAL NOTES:
   - 5.1. ALL TEST ARE TO BE TAKEN IMMEDIATELY BEFORE THE NEXT LAYER OF THE ROAD CROSS SECTION IS INSTALLED.
   - 5.2. SANTA ROSA COUNTY HAS THE AUTHORITY TO REQUIRE ADDITIONAL TESTING DUE TO WEATHER CONDITIONS.
   - 5.3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY SANTA ROSA COUNTY OF THE TIME AND DATE THAT THE TESTING WILL OCCUR AND PROVIDE SRC WITH A COPY OF ALL OF THE TEST RESULTS.
   - 5.4. ADJACENT STREET PAVING (TURNLANES, ROAD EXTENSIONS, ETC.) SHALL BE TESTED WITH THE SAME FREQUENCY AS ABOVE.

MINIMUM REQUIRED STORM AS-BUILTS

FOLLOWING IS A LIST OF INFORMATION THAT IS TO BE VERIFIED AND SUBMITTED BY THE CONTRACTOR IN SUPPORT OF THE STORMWATER "AS-BUILT" CERTIFICATION

AS-BUILT DRAWINGS ARE TO BE BASED ON THE CONSTRUCTION DRAWINGS PERMITTED BY THE FDEP, NWFWMD, OR SANTA ROSA COUNTY AND REVISED AS NECESSARY TO REFLECT ANY CHANGES MADE DURING CONSTRUCTION. BOTH THE ORIGINAL DESIGN AND CONSTRUCTED CONDITION MUST BE CLEARLY SHOWN. THE PLANS NEED TO BE CLEARLY LABELED AS "AS-BUILT" OR "RECORD" DRAWINGS. ALL SURVEYED DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED AND SIGNED, DATED, AND SEALED BY A REGISTERED PROFESSIONAL. THE FOLLOWING INFORMATION, AT A MINIMUM, SHALL BE VERIFIED ON THE STORMWATER AS-BUILT DRAWINGS, AND SUPPLEMENTAL DOCUMENTS, IF NEEDED:

1. DISCHARGE/INLET STRUCTURE(S) - DIMENSIONS AND ELEVATIONS OF ALL, INCLUDING PIPE INVERTS, GRATE ELEVATIONS, RISER ELEVATIONS, GRAVEL BOTTOM, TOP ELEVATIONS, ORIFICES, GATES, PUMPS, AND PIPES.
2. SIDE BANK AND UNDERDRAIN FILTERS OR EXFILTRATION TRENCHES - MATERIALS, LOCATIONS, DIMENSIONS, AND ELEVATIONS OF ALL, INCLUDING CLEAN-OUTS, PIPES, CONNECTIONS TO CONTROL STRUCTURES AND POINTS OF DISCHARGE TO RECEIVING WATERS.
3. STORAGE AREAS FOR TREATMENT AND ATTENUATION - DIMENSIONS, ELEVATIONS, CONTOURS OR CROSS-SECTIONS OF ALL, SUFFICIENT TO DETERMINE STAGE-STORAGE RELATIONSHIPS OF THE STORAGE AREA.
4. SYSTEM GRADING - DIMENSIONS, ELEVATIONS, CONTOURS, FINAL GRADES OR CROSS-SECTIONS TO DETERMINE HIGH POINTS / LOW POINTS AND CONTRIBUTING AREAS, FLOW DIRECTIONS, AND CONVEYANCE OF RUNOFF TO THE SYSTEM DISCHARGE POINT(S).

MINIMUM REQUIRED STORM AS-BUILTS CONTINUED

5. CONVEYANCE - MATERIALS, DIMENSIONS, ELEVATIONS, INVERTS, CONTOURS, FINAL GRADES OR CROSS-SECTIONS OF SYSTEMS UTILIZED TO TRANSPORT ONSITE RUNOFF AND/OR TO DIVERT OFF-SITE RUNOFF AROUND OR THROUGH THE NEW SYSTEM.
6. WATER LEVEL(S) - EXISTING WATER ELEVATION(S) AND THE DATE DETERMINED, WHEN APPLICABLE.
7. BENCHMARK(S) - LOCATION AND DESCRIPTION (MINIMUM OF ONE PER MAJOR WATER CONTROL STRUCTURE).

MINIMUM TECHNICAL STANDARDS CHECKLIST FOR UTILITY AS-BUILTS

SURVEYORS AND MAPPERS MUST MEET THE FOLLOWING MINIMUM STANDARDS OF ACCURACY, COMPLETENESS, AND QUALITY FOR THE UTILITY AS-BUILTS:

1. MUST IDENTIFY THE RESPONSIBLE SURVEYOR AND MAPPER.
2. SHALL STATE THE TYPE OF SURVEY IT DEPICTS AND THE PURPOSE OF THE SURVEY.
3. MUST BEAR THE NAME, CERTIFICATE OF AUTHORIZATION NUMBER, AND STREET AND MAILING ADDRESS OF THE BUSINESS ENTITY ISSUING THE AS-BUILT SURVEY, ALONG WITH THE NAME AND LICENSE NUMBER OF THE SURVEYOR IN RESPONSIBLE CHARGE.
4. MUST REFLECT A SURVEY DATE, WHICH IS THE DATE OF ACQUISITION. WHEN THE GRAPHICS OF THE AS-BUILT SURVEY ARE REVISED, BUT THE SURVEY DATE STAYS THE SAME, THE AS-BUILT SURVEY MUST LIST DATES FOR ALL REVISIONS.
5. MUST BE SIGNED AND SEALED BY THE SURVEYOR IN RESPONSIBLE CHARGE.
6. A DESIGNATED "NORTH ARROW" AND EITHER A STATED SCALE OR GRAPHIC SCALE SHALL BE SHOWN.
7. APPROPRIATE LINE TYPES, LINE WEIGHTS, AND LINE WIDTHS SHALL BE USED ON THE AS-BUILT DRAWING TO DIFFERENTIATE EXISTING FROM PROPOSED AND WATER FROM SEWER, RECLAIM, AND STORM. ALL PHYSICAL ITEMS (I.E. PIPES, VALVES, ETC.), SURVEYED BOUNDARIES, AND EASEMENTS SHOULD BE CLEARLY MARKED, AND DIMENSIONED, AND IDENTIFIED BY SIZE AND MATERIAL.
8. ALL UTILITIES IN THE PUBLIC RIGHT OF WAY AND WITHIN EASEMENTS OR TO THE END OF THE PUBLICLY OWNED PORTION OF THE UTILITY (I.E. METER AND BACKFLOW PREVENTER, CLEANOUT, ETC.) SHALL BE SHOWN WITH ASSOCIATED SIZES LABELED. THIS INCLUDES, BUT IS NOT LIMITED TO, STUB-OUTS/LATERALS, METERS, BFP'S, WATER MAINS, FORCE MAINS, GRAVITY SEWER MAINS, MANHOLES, STORM WATER PIPING AND ASSOCIATED STRUCTURES, VALVES, FIRE HYDRANTS, LIFT STATIONS, ETC. ALL PIPE LINE WORK MUST BE CONNECTED WITHIN THE SITE AS WELL AS THE CONNECTION TO EXISTING UTILITIES ADJACENT TO THE SITE (IT IS THE SURVEYOR'S AND GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH ALL CONTRACTORS FOR LOCATIONS AND SIZING). ALL UTILITY CONNECTIONS TO THE BUILDINGS MUST BE SHOWN.
9. ALL PROPOSED UTILITY/INGRESS/EGRESS EASEMENTS MUST BE SHOWN ON THE DRAWING AND MUST HAVE THE ASSOCIATED LEGAL DESCRIPTION WRITTEN.
10. EDGE OF PAVEMENT, ROADS (ASPHALT SHADED), CURBS, DRIVEWAY CONNECTIONS, BUILDINGS, PARKING LOTS, RIGHT-OF-WAY, AND STREET NAMES MUST BE SHOWN IN ALL APPLICATIONS. ALL ITEMS MENTIONED ABOVE MUST BE FIELD LOCATED.
11. LIFT STATIONS TO BE DEDICATED TO THE CITY OR COUNTY MUST SHOW A PLAN DETAIL SCALED AT 1"=10' SHOWING ALL IMPROVEMENTS INCLUDING: WATER AND SEWER SERVICES, MANHOLES, INVERTS, RIMS, BFP'S, YARD HYDRANTS, CONTROL PANELS, FENCING, PARCEL BOUNDARY, LEGAL DESCRIPTION OF PARCEL BOUNDARY, WET WELL, VALVE BOX, FORCE MAIN, FLOW METER (IF APPLICABLE), DRIVEWAY, GATE.
12. PROPERTY BOUNDARY MUST BE CLEARLY LABELED AND DIMENSIONED. CONTRACTOR MAY RELY UPON THE BOUNDARY INFORMATION PROVIDED IN THE PLANS.
13. INVERTS, GRATES, TOPS, RIMS MUST BE SHOWN FOR ALL STORM WATER DRAINAGE STRUCTURES. INVERTS (PIPES AND CLEANOUTS) AND RIMS MUST BE SHOWN FOR ALL GRAVITY SEWER MANHOLES. SLOPES MUST BE SHOWN ON EACH RUN OF PIPE FOR REVIEW AND APPROVAL.
14. "AS-BUILT" PROFILE OF ALL DIRECTIONAL BORES AND JACK-AND-BORES INDICATING GRADE AND PIPE ELEVATIONS AT 10 FOOT INTERVALS SHALL BE PROVIDED ON AS-BUILT PLAN SHEETS BASED ON BORE LOGS DEVELOPED BY BORING CONTRACTOR DURING INSTALLATION.
15. ELEVATIONS AND LOCATION OF ANY FLOOD ZONES ALONG THE FLOOD HAZARD BOUNDARIES SHALL BE DELINEATED, WHEN APPLICABLE.
16. NEARBY WETLANDS AND OTHER ENVIRONMENTALLY SIGNIFICANT RESOURCES SHOULD BE CLEARLY LABELED. CONTRACTOR MAY RELY UPON DEMARCATION SHOWN IN THE PLANS.
17. STORM WATER MANAGEMENT SYSTEM FEATURES INCLUDING DIMENSIONS OF: WET AND DRY SWALES, WET AND DRY PONDS, CONVEYANCE SYSTEMS, EASEMENTS, ALONG WITH ALL ASSOCIATED M.E.S. STRUCTURES AND INVERTS, OUTFALL STRUCTURES AND INVERTS, SKIMMERS, DISCHARGE STRUCTURES AND INVERTS AND SLOT ELEVATIONS, TOP OF BANK, SLOPE OF BANK AND BOTTOM OF ALL PONDS, SWALES, CLOSED AND OPEN CONVEYANCES. FOR FEMA LOMR SUBMITTALS ALSO PROVIDE: FINISHED FLOOR ELEVATIONS, SPOT ELEVATIONS AND/OR CONTOURS SHOWING LOWEST LOT ELEVATIONS.
18. THE ENGINEER OF RECORD SHALL REVIEW AND APPROVE THE AS-BUILT PRIOR TO SUBMISSION TO THE COUNTY FOR FINAL APPROVAL. WRITTEN APPROVAL BY THE ENGINEER OF RECORD SHALL BE NOTED ON A TRANSMITTAL WITH A STATEMENT OF NO EXCEPTIONS TO MINIMUM STANDARDS PROVIDED HEREIN.

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Rev.	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

GENERAL NOTES

Designed by: ZS | Drawn by: ZS | Checked by: JH | Reviewed by: EN | Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL | Drawing code: | Drawing Scale: Plot scale: 1:1 (D SHEET)

Date: 2025/02 | M&N Project No. 202000

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR — LICENSE No. 77671 — STATE OF FLORIDA — PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
G-004
INDEX: 4 OF 65

File: Q:\ORL\202000\20 CADD_Active_Civil\202000-G-004 ; Plotted: 6/13/2025 10:38 AM by STUHR, ZACK ; Saved: 6/13/2025 9:31 AM by ZSTUHR

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



LEGEND

PHASE I

1. 24' WIDE ASPHALT ACCESS ROAD
2. 8' WIDE ASPHALT MULTI-USE PATH
3. STORMWATER FACILITY (WET POND)
4. STORMWATER FACILITY (DRY POND)
5. CONCRETE WALKING PATH
6. SPORTS FIELD #1 (360' X 225')
7. CONCESSIONS / RESTROOM / STORAGE BUILDING
8. PLAYGROUND (AGE 5-12)
9. PLAYGROUND (AGE 2-5)
10. BUS ACCESS DRIVE TO WOODBINE BEACH MIDDLE SCHOOL
11. CHAIN LINK FENCE WITH ACCESS GATE
12. EXISTING CHAIN LINK FENCE
13. SPORTS FIELD #2 (300' X 200')
14. PROTECTIVE SPORTS FIELD NETTING
15. SPORTS FIELD #3 (300' X 230')
16. DUMPSTER
17. DROP OFF ZONE
18. PARKING LOT
19. URBAN SOCCER PARK (2 FIELDS)

PHASE II

21. PAVILLION
22. URBAN SOCCER PARK (2 FIELDS)
23. GRASSED WALKING PATH EXPANSION
24. STORMWATER FACILITY (DRY POND)
25. PARKING LOT
26. RESTROOM FACILITY
27. CONCRETE SIDEWALK
28. SPORTS FIELD #4 (185' X 115')
29. SPORTS FIELD #5 (185' X 115')
30. SPORTS FIELD #6 (185' X 115')

A1 / G-100 GENERAL ARRANGEMENT PLAN
SCALE: 1" = 100'

N

100' 0' 100' 200'

SCALE: 1"=100'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

GENERAL ARRANGEMENT & PHASING PLAN

Designed by:	ZS
Drawn by:	ZS
Checked by:	JH
Reviewed by:	EN
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	2025/02
M&N Project No.	202000
Drawing scale:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev:	-

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

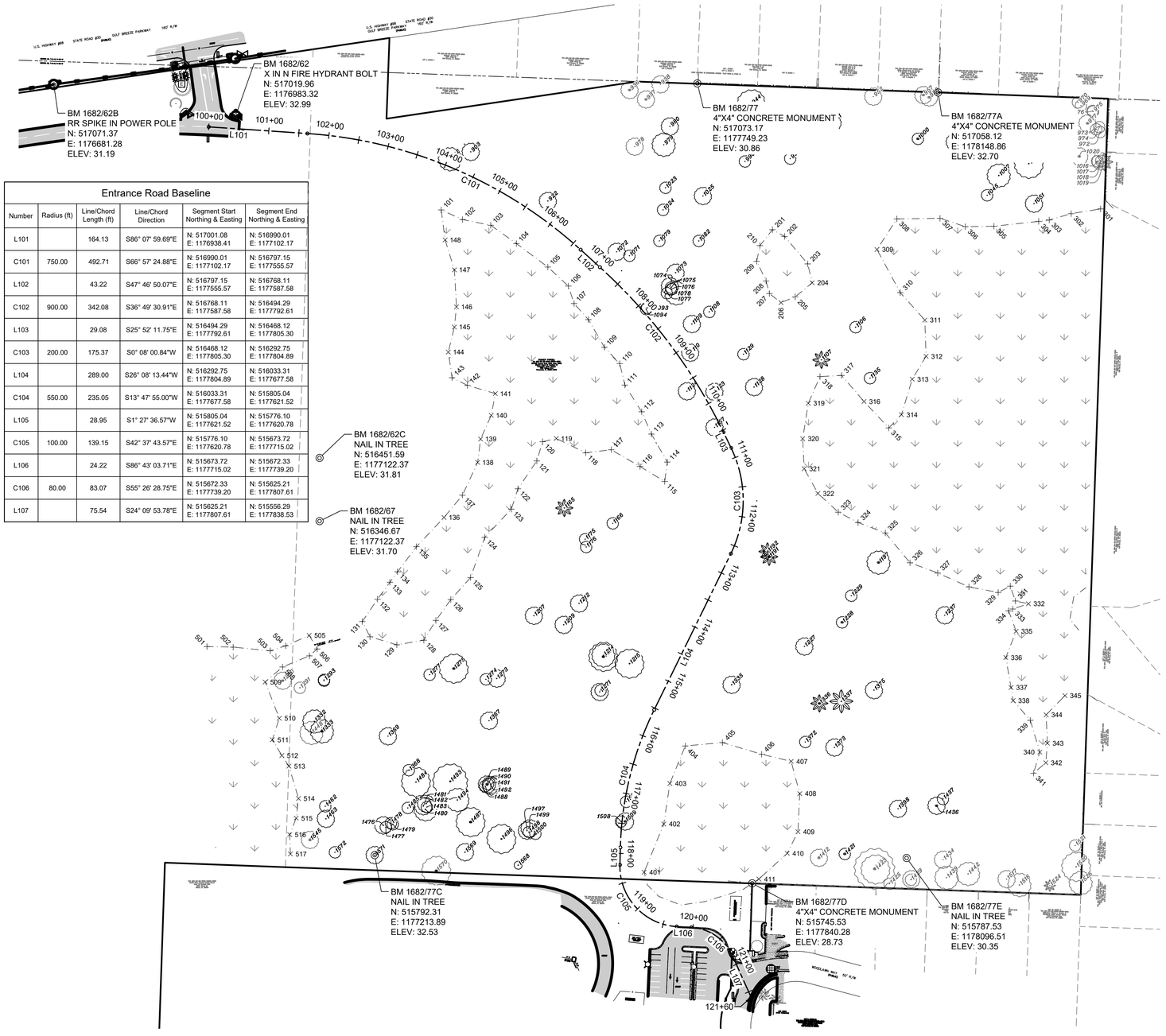
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR — LICENSE No. 77671 — STATE OF FLORIDA — PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
G-100
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



Entrance Road Baseline

Number	Radius (ft)	Line/Chord Length (ft)	Line/Chord Direction	Segment Start Northing & Easting	Segment End Northing & Easting
L101		164.13	S86° 07' 59.69"E	N: 517001.08 E: 1176938.41	N: 516990.01 E: 1177102.17
C101	750.00	492.71	S66° 57' 24.88"E	N: 516990.01 E: 1177102.17	N: 516797.15 E: 1177555.57
L102		43.22	S47° 46' 50.07"E	N: 516797.15 E: 1177555.57	N: 516768.11 E: 1177587.58
C102	900.00	342.08	S36° 49' 30.91"E	N: 516768.11 E: 1177587.58	N: 516494.29 E: 1177792.61
L103		29.08	S25° 52' 11.75"E	N: 516494.29 E: 1177792.61	N: 516468.12 E: 1177805.30
C103	200.00	175.37	S0° 08' 00.84"W	N: 516468.12 E: 1177805.30	N: 516292.75 E: 1177804.89
L104		289.00	S26° 08' 13.44"W	N: 516292.75 E: 1177804.89	N: 516033.31 E: 1177677.58
C104	550.00	235.05	S13° 47' 55.00"W	N: 516033.31 E: 1177677.58	N: 515805.04 E: 1177621.52
L105		28.95	S1° 27' 36.57"W	N: 515805.04 E: 1177621.52	N: 515776.10 E: 1177620.78
C105	100.00	139.15	S42° 37' 43.57"E	N: 515776.10 E: 1177620.78	N: 515673.72 E: 1177715.02
L106		24.22	S86° 43' 03.71"E	N: 515673.72 E: 1177715.02	N: 515672.33 E: 1177739.20
C106	80.00	83.07	S55° 26' 28.75"E	N: 515672.33 E: 1177739.20	N: 515625.21 E: 1177807.61
L107		75.54	S24° 09' 53.78"E	N: 515625.21 E: 1177807.61	N: 515556.29 E: 1177838.53

LEGEND

WETLAND LINE

WETLANDS

Point Table		
Point #	Northing	Easting
101	516863.20	1177324.19
102	516847.17	1177359.70
103	516837.74	1177406.38
104	516807.41	1177449.00
105	516768.42	1177501.15
106	516736.80	1177535.20
107	516707.76	1177544.72
108	516681.20	1177568.46
109	516635.30	1177595.07
110	516607.98	1177620.54
111	516572.51	1177628.98
112	516528.18	1177656.85
113	516491.12	1177673.06
114	516444.66	1177699.46
115	516412.41	1177695.06
116	516437.39	1177654.11
117	516465.15	1177606.28
118	516460.05	1177563.98
119	516483.85	1177515.25
120	516478.45	1177492.43
121	516446.58	1177482.83
122	516400.29	1177451.44
123	516366.54	1177440.55
124	516319.81	1177396.52
125	516253.03	1177372.93
126	516216.53	1177340.14
127	516181.93	1177315.42
128	516149.03	1177295.35
129	516141.36	1177250.57
130	516154.77	1177206.14
131	516179.97	1177193.21
132	516217.18	1177218.57
133	516245.17	1177238.99
134	516262.69	1177251.77
135	516304.28	1177283.13
136	516352.73	1177328.87
137	516389.74	1177359.47
138	516444.25	1177384.70
139	516482.90	1177389.59
140	516522.22	1177407.23
141	516558.37	1177414.06
142	516572.00	1177367.73
143	516584.64	1177342.19
144	516627.29	1177335.99

Point Table		
Point #	Northing	Easting
145	516668.80	1177346.07
146	516702.32	1177349.53
147	516763.69	1177346.17
148	516813.47	1177330.68
201	516830.40	1177873.85
202	516819.22	1177894.03
203	516773.59	1177932.43
204	516742.27	1177939.75
205	516718.89	1177911.74
206	516709.38	1177888.13
207	516724.46	1177868.81
208	516745.30	1177863.28
209	516777.97	1177847.77
210	516803.95	1177853.11
301	516864.89	1178418.46
302	516856.97	1178369.61
303	516846.48	1178333.23
304	516844.11	1178315.66
305	516836.13	1178241.42
306	516835.38	1178194.05
307	516849.25	1178151.93
308	516848.29	1178080.36
309	516797.47	1178047.36
310	516725.85	1178085.98
311	516680.37	1178126.74
312	516620.32	1178128.84
313	516582.25	1178105.83
314	516523.40	1178087.95
315	516501.34	1178066.97
316	516545.25	1178025.82
317	516588.42	1177988.62
318	516586.57	1177952.84
319	516542.25	1177933.39
320	516483.42	1177924.08
321	516433.68	1177926.53
322	516392.63	1177949.36
323	516361.51	1177983.16
324	516344.34	1178016.00
325	516327.04	1178061.20
326	516277.61	1178102.10
327	516260.55	1178148.17
328	516237.48	1178199.94
329	516228.22	1178248.52
330	516238.73	1178268.57

Point Table		
Point #	Northing	Easting
331	516214.06	1178277.06
332	516209.48	1178298.68
333	516200.75	1178272.55
334	516197.91	1178265.77
335	516163.78	1178278.25
336	516120.25	1178261.09
337	516070.53	1178269.81
338	516048.85	1178273.29
339	516016.03	1178301.83
340	515963.26	1178317.54
341	515928.17	1178307.13
342	515945.67	1178327.52
343	515978.05	1178330.14
344	516025.17	1178328.08
345	516057.05	1178359.21
401	515763.97	1177661.00
402	515843.89	1177693.55
403	515911.17	1177703.69
404	515973.46	1177729.20
405	515979.05	1177790.88
406	515959.70	1177855.97
407	515947.90	1177904.91
408	515894.36	1177919.19
409	515831.11	1177916.19
410	515795.29	1177898.54
411	515752.65	1177851.41
501	516138.48	1176935.52
502	516137.46	1176979.06
503	516131.42	1177040.44
504	516139.70	1177066.11
505	516157.01	1177105.14
506	516134.47	1177118.39
507	516123.01	1177105.53
508	516104.59	1177061.04
509	516079.66	1177032.05
510	516019.40	1177055.57
511	515983.84	1177043.97
512	515957.71	1177059.81
513	515940.02	1177071.49
514	515886.34	1177087.41
515	515853.67	1177083.56
516	515826.30	1177072.81
517	515794.25	1177073.95

A1 G-101 BASELINE LAYOUT PLAN
SCALE: 1" = 100'

N

100' 0' 100' 200'

SCALE: 1"=100'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

SURVEY CONTROL PLAN

Designed by:	ZS
Drawn by:	ZS
Checked by:	JH
Reviewed by:	EN
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	2025/02
M&N Project No.	202000
Drawing scale:	
Drawing Scale:	
Plot scale:	1:1 (0 SHEET)
Rev.	-

moffatt & nichol
100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502

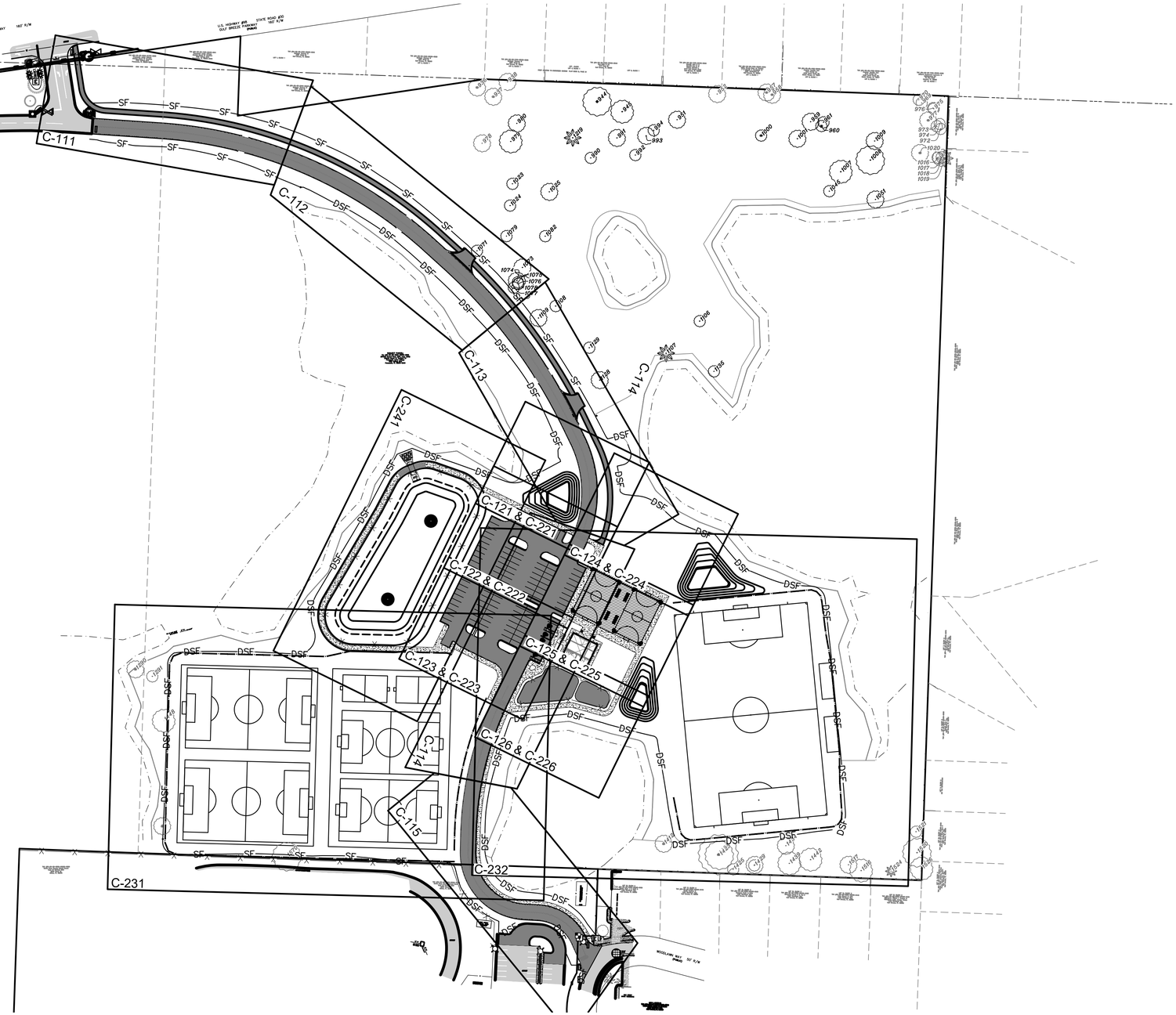
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
G-101
INDEX: 6 OF 65

File: Q:\ORL\202000\20 CADD_Active_Civil\202000-G-101 , Plotted: 6/13/2025 10:38 AM by STUHR, ZACK , Saved: 6/13/2025 9:31 AM by ZSTUHR

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 / G-102 KEY PLAN
SCALE: 1" = 100'

N

100' 0' 100' 200'

SCALE: 1"=100'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

KEY PLAN

Designed by: ZS	Drawn by: ZS	Reviewed by: EN	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
	Cad by: JH		
Date: 2025/02	M&N Project No. 202000	Drawing code:	Drawing Scale: Plot scale: 1:1 (D SHEET)
Rev: -			

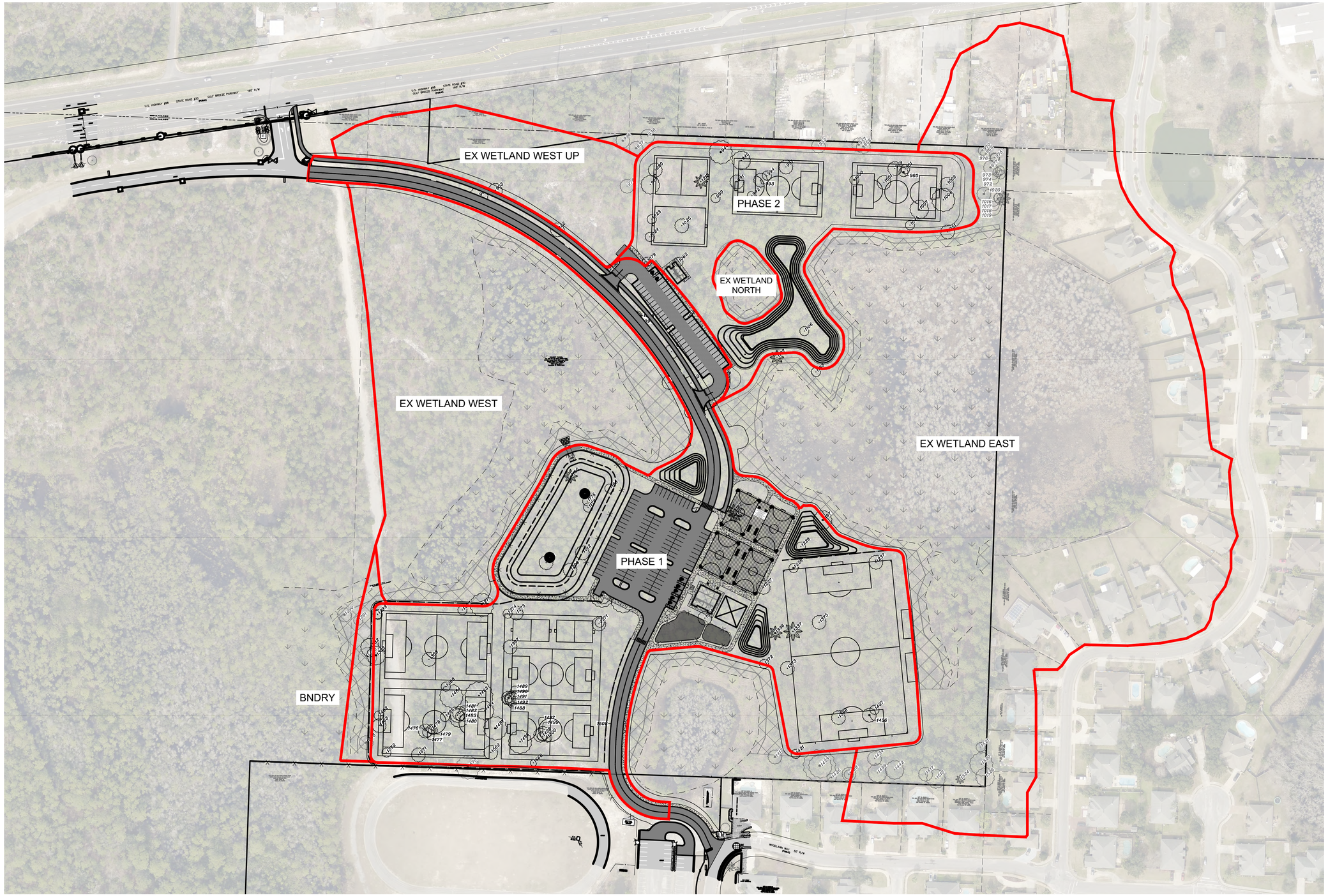
100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
G-102
INDEX: 7 OF 65

File: O:\ORL\202000\20 CADD_Active_Civil\202000-G-102 ; Plotted: 6/13/2025 10:39 AM by STUHR, ZACK ; Saved: 6/13/2025 9:30 AM by ZSTUHR



A1 G-103 BASIN & PHASE MAP
SCALE: 1" = 100'

N

100' 0' 100' 200'
SCALE: 1"=100'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

BASIN & PHASE MAP

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

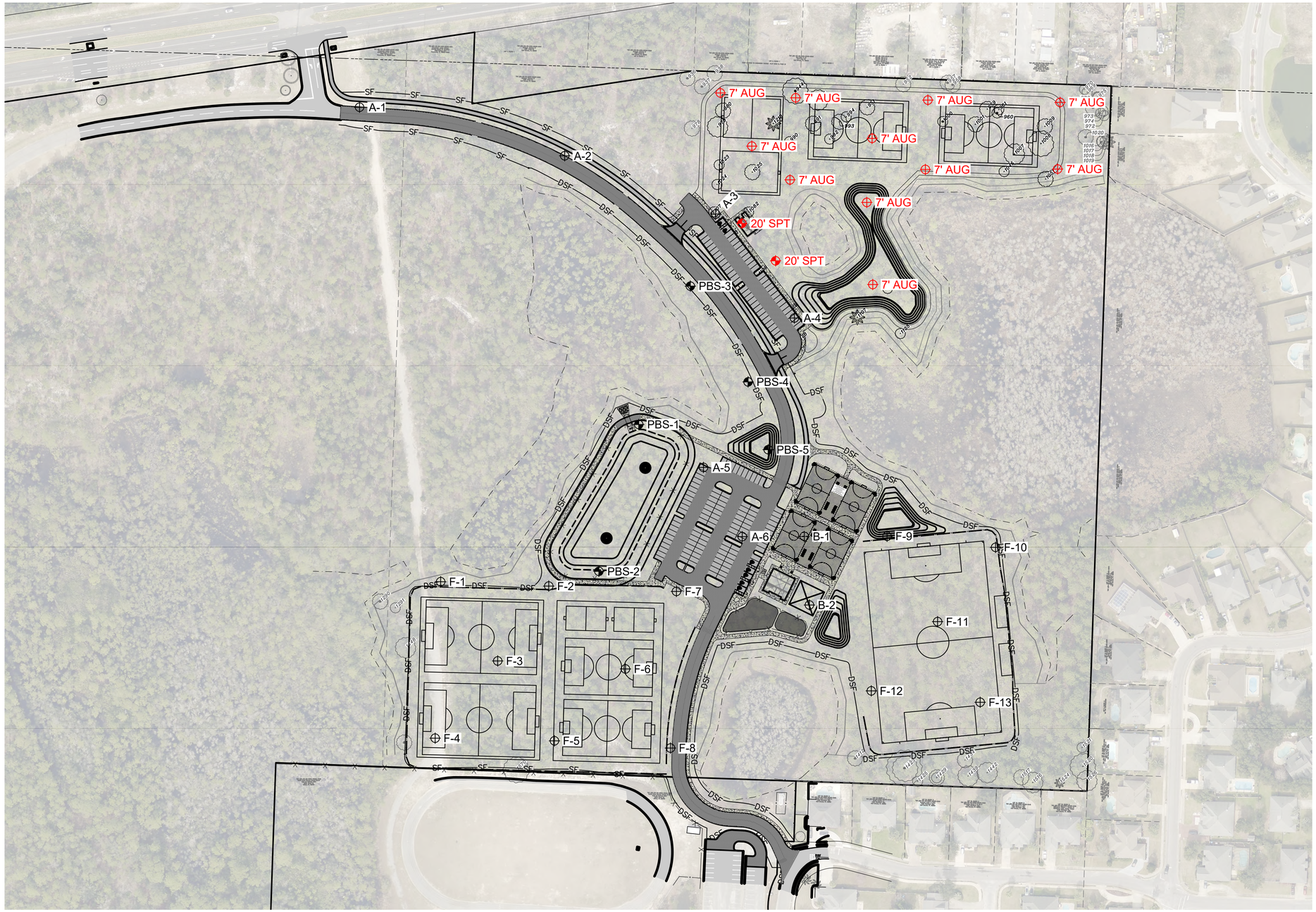
Designed by: ZS	Date: 2025/02	Rev. -	
Dwn by: ZS	Ckd by: JH	M&N Project No. 202000	
Reviewed by: EN	Drawing scale:		
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (D SHEET)		

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
G-103
INDEX: 8 OF 65

File: Q:\ICRL\202000\20 CADD_Active_Civil\202000-G-103 - Plotted: 6/13/2025 10:39 AM by STUHR, ZACK - Saved: 6/13/2025 9:30 AM by ZSTUHR

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 B-101 BORING LOCATION PLAN
SCALE: 1" = 100'

LEGEND

- SPT BORING
- AUGER BORING
- PH2 - SPT BORING
- PH2 - AUGER BORING

N

160' 0' 160' 320'

SCALE: 1"=160'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

BORING LOCATION PLAN

Date:	2025/02
Rev.	-
Designed by:	ZS
Drawn by:	ZS
Cad by:	JH
M&N Project No.	202000
Reviewed by:	EN
Drawing scale:	
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Drawing Scale:	
Plot scale:	1:1 (0 SHEET)

moffatt & nichol
100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502

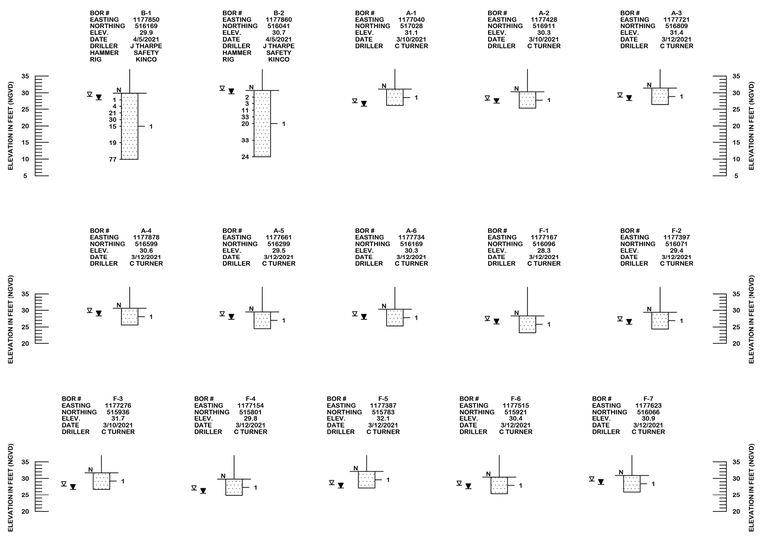
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
B-101
INDEX: 20 OF 65

File: Q:\ORL\202000\20 CADD_Active_Civil\202000-B-101 | Plotted: 6/13/2025 10:40 AM by STUHR, ZACK | Saved: 6/13/2025 9:30 AM by ZSTUHR

SOIL PROFILES



LEGEND

1 WHITE, GRAY, LIGHT BROWN, BROWN SAND (SP)

2 BROWN SLIGHTLY SILTY SAND (SP-SM)

A - WITH ORGANICS (Pt)

GROUNDWATER LEVEL ENCOUNTERED DURING INVESTIGATION

ESTIMATED SEASONAL HIGH GROUNDWATER TABLE

N SPT N-VALUE IN BLOWS/FOOT FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED)

SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2488) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.

NGVD NATIONAL GEODETIC VERTICAL DATUM OF 1929

EASTING EASTING COORDINATE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, FLORIDA NORTH ZONE, N.A.D. 83 DETERMINED USING HAND-HELD GARMIN GPS MAP 64 ST GPS GLOBAL POSITIONING SYSTEM WITH A REPORTED ACCURACY OF +/- 1 METER.

NORTHING NORTHING COORDINATE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, FLORIDA NORTH ZONE, N.A.D. 83 DETERMINED USING HAND-HELD GARMIN EGARMIN GPS MAP 64 ST GPS GLOBAL POSITIONING SYSTEM WITH A REPORTED ACCURACY OF +/- 1 METER.

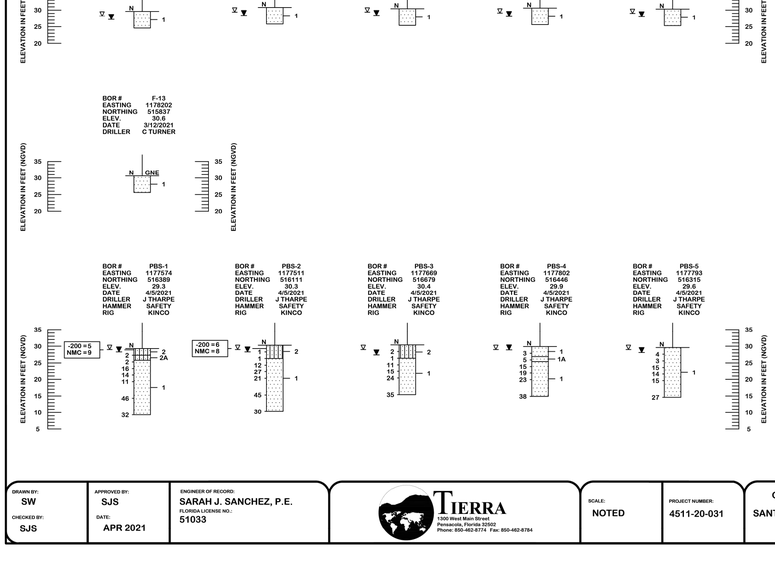
-200 PERCENT PASSING #200 SIEVE

NMC NATURAL MOISTURE CONTENT (%)

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

DRAWN BY:	APPROVED BY:	ENGINEER OF RECORD:		SCALE:	PROJECT NUMBER:		
SW	SJS	SARAH J. SANCHEZ, P.E.	TIERRA 1300 West Main Street Pensacola, Florida 32502 Phone: 850-462-8774 Fax: 850-462-8784	NOTED	4511-20-031	GEOTECHNICAL ENGINEERING SERVICES SANTA ROSA COUNTY SPORTS COMPLEX AT PSC SANTA ROSA COUNTY, FLORIDA	SHEET 2
CHECKED BY: SJS	DATE: APR 2021	FLORIDA LICENSE NO.: 51033					

SOIL PROFILES



LEGEND

1 WHITE, GRAY, LIGHT BROWN, BROWN SAND (SP)

2 LIGHT BROWN, BROWN SLIGHTLY SILTY SAND (SP-SM)

GROUNDWATER LEVEL ENCOUNTERED DURING INVESTIGATION

N SPT N-VALUE IN BLOWS/FOOT FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED)

SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2488) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.

NGVD NATIONAL GEODETIC VERTICAL DATUM OF 1929

EASTING EASTING COORDINATE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, FLORIDA NORTH ZONE, N.A.D. 83 DETERMINED USING HAND-HELD GARMIN GPS MAP 64 ST GPS GLOBAL POSITIONING SYSTEM WITH A REPORTED ACCURACY OF +/- 1 METER.

NORTHING NORTHING COORDINATE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, FLORIDA NORTH ZONE, N.A.D. 83 DETERMINED USING HAND-HELD GARMIN EGARMIN GPS MAP 64 ST GPS GLOBAL POSITIONING SYSTEM WITH A REPORTED ACCURACY OF +/- 1 METER.

-200 PERCENT PASSING #200 SIEVE

NMC NATURAL MOISTURE CONTENT (%)

OC ORGANIC CONTENT (%)

NOTE: ELEVATIONS OBTAINED FROM GOOGLE EARTH.

SAFETY HAMMER	
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4
LOOSE	4 TO 10
MEDIUM	10 TO 30
DENSE	30 TO 50
VERY DENSE	GREATER THAN 50
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2
SOFT	2 TO 4
FIRM	4 TO 8
STIFF	8 TO 15
VERY STIFF	15 TO 30
HARD	GREATER THAN 30

DRAWN BY:	APPROVED BY:	ENGINEER OF RECORD:		SCALE:	PROJECT NUMBER:		
SW	SJS	SARAH J. SANCHEZ, P.E.	TIERRA 1300 West Main Street Pensacola, Florida 32502 Phone: 850-462-8774 Fax: 850-462-8784	NOTED	4511-20-031	GEOTECHNICAL ENGINEERING SERVICES SANTA ROSA COUNTY SPORTS COMPLEX AT PSC PHASE II SANTA ROSA COUNTY, FLORIDA	SHEET 2
CHECKED BY: SJS	DATE: MAY 2022	FLORIDA LICENSE NO.: 51033					

SOIL PROFILES

LEGEND

1 WHITE, GRAY, LIGHT BROWN, BROWN SAND (SP)

2 BROWN SLIGHTLY SILTY SAND (SP-SM)

A - WITH ORGANICS (Pt)

GROUNDWATER LEVEL ENCOUNTERED DURING INVESTIGATION

ESTIMATED SEASONAL HIGH GROUNDWATER TABLE

N SPT N-VALUE IN BLOWS/FOOT FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED)

SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2488) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.

NGVD NATIONAL GEODETIC VERTICAL DATUM OF 1929

EASTING EASTING COORDINATE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, FLORIDA NORTH ZONE, N.A.D. 83 DETERMINED USING HAND-HELD GARMIN GPS MAP 64 ST GPS GLOBAL POSITIONING SYSTEM WITH A REPORTED ACCURACY OF +/- 1 METER.

NORTHING NORTHING COORDINATE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, FLORIDA NORTH ZONE, N.A.D. 83 DETERMINED USING HAND-HELD GARMIN EGARMIN GPS MAP 64 ST GPS GLOBAL POSITIONING SYSTEM WITH A REPORTED ACCURACY OF +/- 1 METER.

-200 PERCENT PASSING #200 SIEVE

NMC NATURAL MOISTURE CONTENT (%)

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

DRAWN BY:	APPROVED BY:	ENGINEER OF RECORD:		SCALE:	PROJECT NUMBER:		
SW	SJS	SARAH J. SANCHEZ, P.E.	TIERRA 1300 West Main Street Pensacola, Florida 32502 Phone: 850-462-8774 Fax: 850-462-8784	NOTED	4511-20-031	GEOTECHNICAL ENGINEERING SERVICES SANTA ROSA COUNTY SPORTS COMPLEX AT PSC SANTA ROSA COUNTY, FLORIDA	SHEET 3
CHECKED BY: SJS	DATE: APR 2021	FLORIDA LICENSE NO.: 51033					

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Rev.	Date	Description	Appr
1		Mark	

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

BORING LOGS

Designed by: ZS	Rev. 1
Drawn by: ZS	Date: 2025/02
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Cad by: JH
Reviewed by: EN	M&N Project No. 202000
Drawing Scale:	Drawing code:
Plot scale: 1:1 (D SHEET)	

moffatt & nichol
100 NORTH SPRING STREET SUITE 2 PENSACOLA, FL 32502

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR LICENSE No. 77671 STATE OF FLORIDA PROFESSIONAL ENGINEER

SEAL

Sheet Reference No.

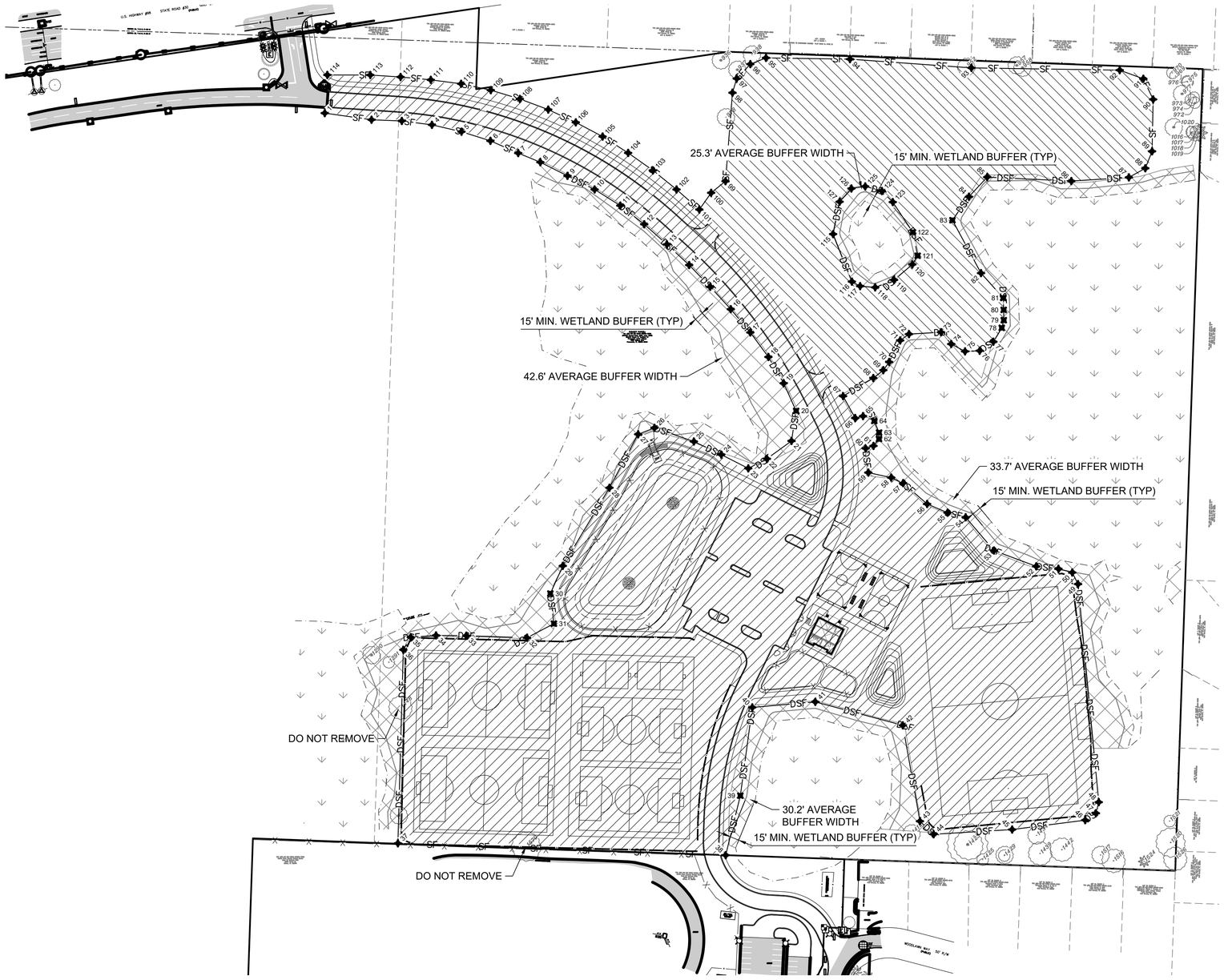
B-601

INDEX: 21 OF 65

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

File: Q:\ORL\202000\20 CADD_Active_Civil\202000-B-601 ; Plotted: 6/13/2025 10:40 AM by STUHR, ZACK ; Saved: 6/13/2025 9:31 AM by ZSTUHR



LEGEND

- WETLAND LINE
- WETLAND BUFFER (15' MIN)
- SF SF SILT FENCE
- DSF DSF DOUBLE SILT FENCE W/ HAY BALES
- PHASE 1 CLEARING LIMITS
- PHASE 2 CLEARING LIMITS

WETLAND BUFFER / CLEARING LIMITS

Point Table		
Point #	Northing	Easting
1	516975.19	1176984.10
2	516964.24	1177061.18
3	516962.22	1177111.13
4	516955.84	1177160.73
5	516944.54	1177209.43
6	516929.49	1177257.11
7	516909.31	1177302.86
8	516894.19	1177339.39
9	516871.77	1177384.08
10	516849.33	1177428.76
11	516822.72	1177471.09
12	516791.99	1177510.53
13	516758.80	1177547.93
14	516724.75	1177584.54
15	516688.81	1177619.31
16	516651.99	1177653.13
17	516613.68	1177685.26
18	516573.18	1177715.14
19	516529.97	1177740.29
20	516484.35	1177760.75
21	516434.82	1177753.16
22	516405.46	1177712.69
23	516389.60	1177681.97
24	516412.30	1177637.42
25	516433.88	1177592.32
26	516456.35	1177527.35
27	516445.79	1177500.52
28	516357.68	1177453.23
29	516228.87	1177376.37
30	516183.29	1177355.81
31	516133.64	1177361.66
32	516110.44	1177317.37
33	516113.85	1177217.44
34	516114.21	1177167.44
35	516111.40	1177125.85
36	516090.60	1177113.58
37	515771.54	1177104.65
38	515751.99	1177644.70
39	515850.12	1177668.89
40	515995.57	1177688.57
41	516004.70	1177792.39
42	515966.06	1177936.55
43	515807.97	1177964.81

Point Table		
Point #	Northing	Easting
44	515786.50	1177987.32
45	515794.32	1178116.73
46	515809.79	1178237.10
47	515821.13	1178254.73
48	515839.42	1178259.40
49	516198.90	1178225.28
50	516217.92	1178215.77
51	516224.18	1178192.94
52	516228.09	1178156.43
53	516254.22	1178086.77
54	516308.98	1178040.11
55	516316.53	1178010.25
56	516330.89	1177976.61
57	516365.28	1177937.13
58	516374.38	1177917.42
59	516382.68	1177879.75
60	516422.51	1177875.33
61	516426.63	1177888.25
62	516438.02	1177897.29
63	516448.55	1177897.48
64	516467.77	1177889.54
65	516475.72	1177871.02
66	516472.57	1177858.06
67	516508.66	1177838.15
68	516538.49	1177887.94
69	516551.50	1177904.44
70	516564.96	1177914.05
71	516600.46	1177932.23
72	516610.85	1177946.72
73	516614.02	1177999.56
74	516594.57	1178016.32
75	516582.47	1178039.08
76	516583.49	1178063.23
77	516598.36	1178085.79
78	516621.11	1178099.59
79	516633.86	1178102.90
80	516650.86	1178102.76
81	516670.43	1178102.07
82	516711.43	1178065.42
83	516798.65	1178018.32
84	516837.40	1178045.49
85	516869.66	1178075.57
86	516863.18	1178214.25

Point Table		
Point #	Northing	Easting
87	516869.22	1178309.09
88	516884.28	1178336.14
89	516912.22	1178347.28
90	516997.76	1178349.04
91	517031.78	1178332.84
92	517046.00	1178293.97
93	517049.74	1178049.65
94	517064.16	1177849.52
95	517066.17	1177711.12
96	517055.93	1177685.34
97	517032.15	1177662.90
98	517008.78	1177655.90
99	516863.00	1177644.42
100	516843.80	1177620.80
101	516816.26	1177601.29
102	516849.26	1177563.72
103	516880.72	1177524.86
104	516909.55	1177484.00
105	516936.53	1177441.91
106	516959.91	1177397.71
107	516980.97	1177352.37
108	516998.52	1177305.55
109	517013.04	1177257.70
110	517023.50	1177208.81
111	517030.01	1177158.85
112	517034.75	1177109.08
113	517037.96	1177059.18
114	517038.05	1176988.35
115	516775.75	1177821.73
116	516697.45	1177852.69
117	516689.96	1177866.23
118	516687.90	1177891.06
119	516700.23	1177922.18
120	516725.74	1177952.30
121	516740.07	1177961.02
122	516778.84	1177953.07
123	516828.52	1177920.02
124	516846.76	1177902.04
125	516854.37	1177874.62
126	516850.90	1177851.87
127	516829.09	1177832.43

CLEARING, DEMOLITION, & EROSION CONTROL NOTES

1. THE CONTRACTOR SHOULD REVIEW THE GEOTECHNICAL REPORT REGARDING GROUNDWATER CONDITIONS AND SITE PREPARATION RECOMMENDATIONS.
2. DURING CLEARING OPERATIONS, BURNING WILL NOT BE ALLOWED.
3. EROSION CONTROL SHALL BE INSTALLED PRIOR TO MAJOR CLEARING AND GRUBBING OPERATIONS BEGIN.
4. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO STRICTLY CONTAIN THE DEMOLITION WITHIN THE LIMITS OF THE REQUIRED CONSTRUCTION AREA.
5. ABSOLUTELY NO CLEARING IN WETLANDS AND BUFFER AREAS. CONTRACTOR WILL BE FINED $1,000.00 FOR EVERY 100 SQUARE FEET OF WETLAND AREAS CLEARED.
6. ANY DAMAGE INCURRED IN EXECUTION OF THIS CONTRACT TO ANY PART OF THE PROPERTY NOT SPECIFICALLY DESIGNATED FOR DEMOLITION SHALL BE REPAIRED, REPLACED, AND/OR RECONSTRUCTED BY THE CONTRACTOR TO ITS ORIGINAL CONDITION AS DIRECTED BY THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
7. ALL DEMOLISHED MATERIAL, EXCEPT AS NOTED OTHERWISE, BECOMES THE PROPERTY OF, AND SHALL BE COMPLETELY REMOVED AND DISPOSED OF BY THE CONTRACTOR. THE REMOVAL, HANDLING, AND DISPOSAL OF ALL DEMOLITION MATERIALS SHALL BE IN STRICT ACCORDANCE WITH ALL LOCAL REQUIREMENTS.
8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BECOME FAMILIAR WITH THE MATERIALS TO BE DISPOSED OF AND ALL GOVERNING AGENCY REQUIREMENTS.
9. ALL REMOVAL AND/OR RELOCATION OF EXISTING UTILITIES SHALL BE COORDINATED WITH THE ENGINEER & OWNER PRIOR TO PROCEEDING WITH DEMOLITION.
10. NO KNOWN CONTAMINATED MATERIALS ON-SITE. ACTIVITIES REQUIRED FOR REMOVAL OF ENVIRONMENTALLY CONTAMINATED MATERIALS AND DEVICES SHALL BE COORDINATED THROUGH THE OWNER IF ENCOUNTERED.
11. ALL SURVEY MONUMENTS WITHIN LIMITS OF CONSTRUCTION ARE TO BE PROTECTED.
12. UNANTICIPATED DEBRIS UNCOVERED DURING DEMOLITION SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
13. UNLESS OTHERWISE NOTED ALL SITE ELEMENTS TO REMAIN. CONFLICTS FOUND DURING DEMOLITION SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

NOTE: INITIAL PERIMETER EROSION CONTROL, SITE CLEARING & GRUBBING, TREE REMOVAL, AND EARTHWORK STOCKPILE OPERATIONS PREVIOUSLY PERFORMED UNDER A SEPARATE CONTRACT BETWEEN SANTA ROSA COUNTY AND CHAVERS CONSTRUCTION, INC.

##########

#####A SCALE: 1" = 100'

N

100' 0' 100' 200'

SCALE: 1"=100'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

EROSION CONTROL & DEMOLITION PLAN

moffatt & nichol
100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502

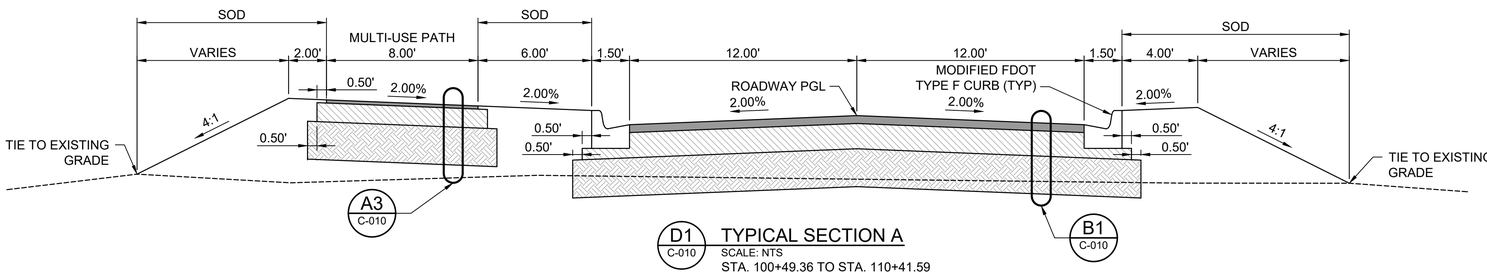
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by: ZS
Drawn by: ZS
Checked by: JH
Reviewed by: JR
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2021/06/XX
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev. -

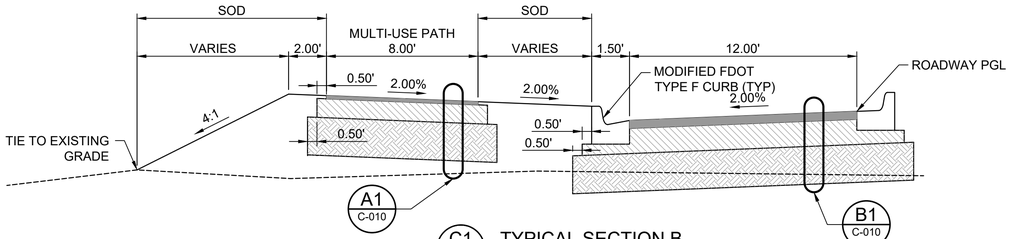
ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
CD101
INDEX: INDY OF 65

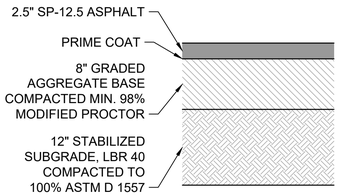
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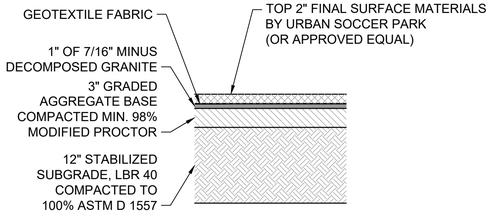
D1 C-010 **TYPICAL SECTION A**
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STA. 100+49.36 TO STA. 110+41.59



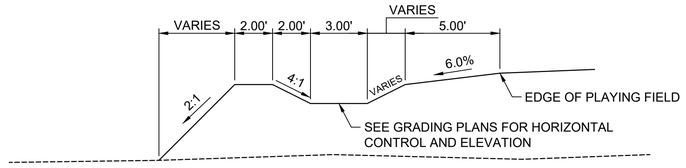
C1 C-010 **TYPICAL SECTION B**
SCALE: NTS
STA. 110+41.59 TO STA. 112+56.11



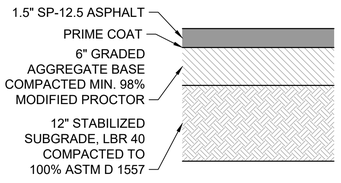
B1 C-010 **2.5-IN ASPHALT PAVEMENT SECTION**
SCALE: NTS



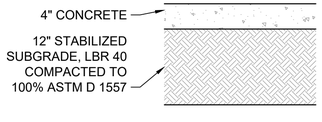
B3 C-010 **FUTSAL FIELD GROUND PREP SECTION**
SCALE: NTS



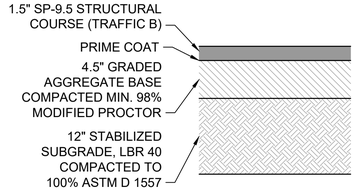
B4 C-010 **SPORT FIELD PERIMETER DITCH SECTION**
SCALE: NTS



A1 C-010 **1.5-IN PARKING SPACE ASPHALT PAVEMENT SECTION**
SCALE: NTS



A2 C-010 **4-IN CONCRETE SIDEWALK SECTION**
SCALE: NTS



A3 C-010 **1.5-IN SHARED USE ASPHALT PAVEMENT SECTION**
SCALE: NTS

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

TYPICAL SECTIONS

Designed by: ZS
Drawn by: ZS
Checked by: JH
Reviewed by: EN
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2025/02
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (0 SHEET)
Rev: -

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet
Reference No.
C-010
INDEX: 23 OF 65

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

DRAINAGE STRUCTURE TABLE	
NAME	DETAILS
S-010A	1:4 SINGLE 14" X 23" MES STA: 103+25.00 OFF: 26.22 R RIM/GRATE = 30.80' P-010A, 14" X 23" PIPE INV = 29.40'
S-010B	1:4 SINGLE 14" X 23" MES STA: 103+25.00 OFF: 43.18 L RIM/GRATE = 31.00' P-010A, 14" X 23" PIPE INV = 29.60'
S-020A	STRAIGHT CONCRETE ENDWALL QUAD 19"X30" ERCP STA: 110+95.31 OFF: 28.14 R RIM/GRATE = 31.90' P-020A, 19" X 30" PIPE INV = 28.80' P-020B, 19" X 30" PIPE INV = 28.80' P-020C, 19" X 30" PIPE INV = 28.80' P-020D, 19" X 30" PIPE INV = 28.80'
S-020B	STRAIGHT CONCRETE ENDWALL QUAD 19"X30" ERCP STA: 111+16.80 OFF: 42.61 L RIM/GRATE = 32.50' P-020B, 19" X 30" PIPE INV = 29.40' P-020A, 19" X 30" PIPE INV = 29.40' P-020C, 19" X 30" PIPE INV = 29.40' P-020D, 19" X 30" PIPE INV = 29.40'
S-030A	1:4 SINGLE 14" X 23" MES STA: 118+72.04 OFF: 20.74 R RIM/GRATE = 30.81' P-030A, 14" X 23" PIPE INV = 28.40'
S-030B	1:4 SINGLE 14" X 23" MES STA: 118+83.50 OFF: 27.58 L RIM/GRATE = 29.80' P-030A, 14" X 23" PIPE INV = 28.40'
S-100	1:4 SINGLE - 24" MES STA: 112+90.78 OFF: 208.85 R RIM/GRATE = 23.25' P-101, 24" PIPE INV = 21.00'
S-102	FDOT TYPE C INLET (60" DIA. J BOTTOM) W/ DBL 12" NON-TRAV SLOTS STA: 111+55.44 OFF: 37.50 R RIM/GRATE = 28.75' P-105, 24" PIPE INV = 22.30' P-103, 15" PIPE INV = 23.00' P-101, 24" PIPE INV = 22.80'
S-103	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 112+00.25 OFF: 80.72 L RIM/GRATE = 31.00' P-104, 15" PIPE INV = 26.80' P-103, 15" PIPE INV = 26.80'
S-104	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 112+15.41 OFF: 153.83 L RIM/GRATE = 31.10' P-104, 15" PIPE INV = 27.00'
S-105	FDOT TYPE 3 CURB INLET (48" DIA. P BOTTOM) STA: 110+61.83 OFF: 17.50 L RIM/GRATE = 33.08' P-106, 24" PIPE INV = 24.00' P-105, 24" PIPE INV = 24.00'
S-106	FDOT TYPE 4 CURB INLET (60" DIA. J BOTTOM) STA: 109+60.00 OFF: 16.75 L RIM/GRATE = 32.61' P-107, 15" PIPE INV = 26.00' P-108, 24" PIPE INV = 24.20' P-109, 24" PIPE INV = 24.20' P-106, 24" PIPE INV = 24.20'
S-107	FDOT TYPE 4 CURB INLET (42" DIA. P BOTTOM) STA: 109+60.00 OFF: 17.50 R RIM/GRATE = 32.63' P-107, 15" PIPE INV = 26.30'
S-108	FDOT TYPE D INLET STA: 109+58.07 OFF: 71.10 L RIM/GRATE = 32.05' P-900, 24" PIPE INV = 24.30' P-108, 24" PIPE INV = 24.30'
S-109	FDOT TYPE V GUTTER INLET STA: 107+25.71 OFF: 21.08 L RIM/GRATE = 32.75' P-110, 24" PIPE INV = 24.60' P-501, 15" PIPE INV = 26.60' P-109, 24" PIPE INV = 24.60'
S-110	FDOT TYPE 4 CURB INLET (42" DIA. P BOTTOM) STA: 106+10.00 OFF: 17.50 L RIM/GRATE = 32.63' P-111, 15" PIPE INV = 25.60' P-112, 18" PIPE INV = 25.30' P-110, 24" PIPE INV = 24.80'
S-111	FDOT TYPE 4 CURB INLET (42" DIA. P BOTTOM) STA: 106+10.00 OFF: 17.50 R RIM/GRATE = 32.63' P-111, 15" PIPE INV = 25.70'

DRAINAGE STRUCTURE TABLE	
NAME	DETAILS
S-112	FDOT TYPE 8 MANHOLE (42" DIA. P BOTTOM) STA: 104+50.00 OFF: 18.50 L RIM/GRATE = 33.39' P-113, 18" PIPE INV = 25.60' P-112, 18" PIPE INV = 25.60'
S-113	FDOT TYPE 4 CURB INLET (42" DIA. P BOTTOM) STA: 103+06.00 OFF: 17.50 L RIM/GRATE = 32.53' P-114, 15" PIPE INV = 26.20' P-113, 18" PIPE INV = 25.90'
S-114	FDOT TYPE 4 CURB INLET (42" DIA. P BOTTOM) STA: 103+06.00 OFF: 17.50 R RIM/GRATE = 32.53' P-114, 15" PIPE INV = 26.30'
S-115	FDOT TYPE 4 CURB INLET (42"X 42" P BOTTOM) STA: 112+43.60 OFF: 59.26 R RIM/GRATE = 32.48' P-115, 18" PIPE INV = 27.85'
S-116	1:4 SINGLE - 18" MES STA: 112+15.87 OFF: 55.81 R RIM/GRATE = 29.46' P-115, 18" PIPE INV = 27.75'
S-200	1:4 SINGLE - 24" MES STA: 113+48.22 OFF: 203.53 R RIM/GRATE = 23.25' P-201, 24" PIPE INV = 21.00'
S-201	FDOT TYPE 4 CURB INLET (42" DIA. P BOTTOM) STA: 113+48.22 OFF: 155.50 R RIM/GRATE = 32.70' P-202, 24" PIPE INV = 23.70' P-201, 24" PIPE INV = 23.70'
S-202	FDOT TYPE C INLET STA: 113+48.22 OFF: 90.00 R RIM/GRATE = 31.50' P-203, 24" PIPE INV = 23.80' P-202, 24" PIPE INV = 23.80'
S-203	FDOT TYPE C INLET STA: 113+48.22 OFF: 30.00 R RIM/GRATE = 31.50' P-204A, 24" PIPE INV = 23.90' P-203, 24" PIPE INV = 23.90'
S-204	FDOT TYPE 8 MANHOLE (42"X 42" P BOTTOM) STA: 112+73.23 OFF: 35.25 L RIM/GRATE = 32.64' P-205, 15" PIPE INV = 26.10' P-206, 24" PIPE INV = 24.00' P-204, 24" PIPE INV = 24.00'
S-204A	FDOT TYPE 4 CURB INLET (42"X 42" P BOTTOM) STA: 113+48.22 OFF: 35.50 L RIM/GRATE = 32.70' P-204, 24" PIPE INV = 23.95' P-204A, 24" PIPE INV = 23.95'
S-205	FDOT TYPE C INLET STA: 112+35.07 OFF: 21.95 L RIM/GRATE = 32.01' P-205, 15" PIPE INV = 26.30'
S-206	FDOT TYPE 8 MANHOLE (42" DIA. P BOTTOM) STA: 112+73.22 OFF: 105.25 L RIM/GRATE = 32.59' P-209, 18" PIPE INV = 24.70' P-207, 15" PIPE INV = 26.20' P-208, 15" PIPE INV = 26.20' P-206, 24" PIPE INV = 24.20'
S-207	FDOT TYPE C INLET STA: 113+28.72 OFF: 105.25 L RIM/GRATE = 32.20' P-207, 15" PIPE INV = 26.40'
S-208	FDOT TYPE C INLET STA: 112+42.35 OFF: 107.08 L RIM/GRATE = 32.40' P-208, 15" PIPE INV = 26.30'
S-209	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 112+73.22 OFF: 185.38 L RIM/GRATE = 32.32' P-210, 18" PIPE INV = 24.90' P-209, 18" PIPE INV = 24.90'
S-210	FDOT TYPE C INLET W/ DBL 12" NON-TRAV SLOTS STA: 112+47.29 OFF: 237.52 L RIM/GRATE = 28.75' P-211, 18" PIPE INV = 25.00' P-210, 18" PIPE INV = 25.00'

DRAINAGE STRUCTURE TABLE	
NAME	DETAILS
S-211	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 112+29.61 OFF: 406.16 L RIM/GRATE = 32.36' P-212, 15" PIPE INV = 26.60' P-211, 18" PIPE INV = 26.30'
S-212	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 112+61.61 OFF: 460.36 L RIM/GRATE = 31.50' P-213, 15" PIPE INV = 26.90' P-212, 15" PIPE INV = 26.90'
S-213	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 120+69.96 OFF: 529.87 L RIM/GRATE = 31.50' P-214, 15" PIPE INV = 27.30' P-213, 15" PIPE INV = 27.30'
S-214	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 120+83.51 OFF: 472.37 L RIM/GRATE = 31.60' P-214, 15" PIPE INV = 27.60'
S-300	1:4 SINGLE - 30" MES STA: 114+29.22 OFF: 203.53 R RIM/GRATE = 23.79' P-301, 30" PIPE INV = 21.00'
S-301	FDOT TYPE 4 CURB INLET (48" DIA. P BOTTOM) STA: 114+29.22 OFF: 155.25 R RIM/GRATE = 32.14' P-302, 30" PIPE INV = 23.20' P-301, 30" PIPE INV = 23.20'
S-302	FDOT TYPE D INLET STA: 114+29.22 OFF: 90.00 R RIM/GRATE = 31.50' P-317, 30" PIPE INV = 23.30' P-303, 24" PIPE INV = 24.10' P-302, 30" PIPE INV = 23.30'
S-303	FDOT TYPE 4 CURB INLET (42" DIA. P BOTTOM) STA: 115+09.47 OFF: 90.00 R RIM/GRATE = 32.29' P-304, 24" PIPE INV = 24.90' P-303, 24" PIPE INV = 24.90'
S-303A	FDOT TYPE C INLET STA: 115+77.26 OFF: 30.56 R RIM/GRATE = 31.20' P-311, 18" PIPE INV = 26.00' P-303B, 18" PIPE INV = 26.00' P-303A, 24" PIPE INV = 25.50'
S-303B	FDOT TYPE 4 CURB INLET (42" DIA. P BOTTOM) STA: 115+77.32 OFF: 17.50 R RIM/GRATE = 32.32' P-303C, 18" PIPE INV = 26.40' P-303B, 18" PIPE INV = 26.40'
S-303C	FDOT TYPE 4 CURB INLET (42" DIA. P BOTTOM) STA: 115+77.32 OFF: 17.50 L RIM/GRATE = 32.33' P-303C, 18" PIPE INV = 26.50'
S-304	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 115+46.57 OFF: 127.23 R RIM/GRATE = 31.30' P-305, 24" PIPE INV = 25.00' P-304, 24" PIPE INV = 25.00'
S-305	FDOT TYPE D INLET STA: 116+03.19 OFF: 296.83 R RIM/GRATE = 31.20' P-306, 15" PIPE INV = 26.10' P-307, 24" PIPE INV = 25.50' P-305, 24" PIPE INV = 25.50'
S-306	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 116+46.83 OFF: 534.30 R RIM/GRATE = 31.20' P-306, 15" PIPE INV = 27.20'
S-307	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 112+73.22 OFF: 275.57 R RIM/GRATE = 31.25' P-308, 24" PIPE INV = 25.70' P-307, 24" PIPE INV = 25.70'
S-308	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 117+64.10 OFF: 249.25 R RIM/GRATE = 31.25' P-309, 18" PIPE INV = 26.50' P-308, 24" PIPE INV = 26.00'
S-309	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 118+21.34 OFF: 260.92 R RIM/GRATE = 31.10' P-310, 15" PIPE INV = 26.70' P-309, 18" PIPE INV = 26.70'

DRAINAGE STRUCTURE TABLE	
NAME	DETAILS
S-310	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 118+16.67 OFF: 500.37 R RIM/GRATE = 31.20' P-310, 15" PIPE INV = 27.20'
S-311	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 116+78.18 OFF: 33.18 R RIM/GRATE = 31.20' P-312, 18" PIPE INV = 26.20' P-311, 18" PIPE INV = 26.20'
S-312	FDOT TYPE 4 CURB INLET (42" DIA. P BOTTOM) STA: 117+50.00 OFF: 17.50 R RIM/GRATE = 31.56' P-313, 18" PIPE INV = 26.60' P-312A, 15" PIPE INV = 26.90' P-312, 18" PIPE INV = 26.60'
S-312A	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 118+27.50 OFF: 22.80 R RIM/GRATE = 31.20' P-312A, 15" PIPE INV = 27.00'
S-313	FDOT TYPE 4 CURB INLET (42" DIA. P BOTTOM) STA: 117+50.00 OFF: 17.50 L RIM/GRATE = 31.60' P-313, 18" PIPE INV = 26.70'
S-317	FDOT TYPE D INLET STA: 114+29.22 OFF: 30.00 R RIM/GRATE = 31.50' P-318, 24" PIPE INV = 23.90' P-303A, 24" PIPE INV = 24.20' P-317, 30" PIPE INV = 23.40'
S-318	FDOT TYPE 4 CURB INLET (48" DIA. P BOTTOM) STA: 114+29.22 OFF: 35.25 L RIM/GRATE = 32.28' P-319, 24" PIPE INV = 24.10' P-318A, 15" PIPE INV = 25.10' P-318, 24" PIPE INV = 24.10'
S-318A	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 114+04.71 OFF: 47.50 L RIM/GRATE = 32.01' P-318A, 15" PIPE INV = 28.00'
S-319	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 114+58.48 OFF: 55.04 L RIM/GRATE = 31.70' P-320, 24" PIPE INV = 24.30' P-319, 24" PIPE INV = 24.30'
S-320	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 114+58.49 OFF: 135.04 L RIM/GRATE = 31.50' P-321, 18" PIPE INV = 25.00' P-320, 24" PIPE INV = 24.50'
S-321	FDOT TYPE C INLET W/ DBL 12" NON-TRAV SLOTS STA: 114+66.63 OFF: 202.00 L RIM/GRATE = 28.75' P-322, 15" PIPE INV = 25.50' P-321, 18" PIPE INV = 25.20'
S-322	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 114+92.01 OFF: 279.11 L RIM/GRATE = 31.50' P-323, 15" PIPE INV = 28.20' P-322, 15" PIPE INV = 27.50'
S-323	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 120+63.92 OFF: 254.01 L RIM/GRATE = 31.60' P-323, 15" PIPE INV = 28.60'
S-400	1:4 SINGLE - 15" MES STA: 115+59.48 OFF: 296.45 R RIM/GRATE = -3.00' P-400, 15" PIPE INV = 25.75'
S-401	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 116+03.60 OFF: 330.19 R RIM/GRATE = 30.67' P-400, 15" PIPE INV = 25.90' P-401, 15" PIPE INV = 25.90'
S-402	FDOT TYPE 8 MANHOLE (42" DIA. P BOTTOM) STA: 116+43.88 OFF: 535.47 R RIM/GRATE = 31.70' P-401, 15" PIPE INV = 26.00'

DRAINAGE PIPE TABLE	
NAME	DETAILS
P-010A	70 LF 14" X 23" PIPE @ 0.29% S-010B, INV. EL. IN = 29.60' S-010A, INV. EL. OUT = 29.40'
P-020A	72 LF 19" X 30" PIPE @ 0.84% S-020B, INV. EL. IN = 29.40' S-020A, INV. EL. OUT = 28.80'
P-020B	74 LF 19" X 30" PIPE @ 0.82% S-020B, INV. EL. IN = 29.40' S-020A, INV. EL. OUT = 28.80'
P-020C	75 LF 19" X 30" PIPE @ 0.80% S-020B, INV. EL. IN = 29.40' S-020A, INV. EL. OUT = 28.80'
P-020D	77 LF 19" X 30" PIPE @ 0.78% S-020B, INV. EL. IN = 29.40' S-020A, INV. EL. OUT = 28.80'
P-030A	50 LF 14" X 23" PIPE @ 0.00% S-030A, INV. EL. IN = 28.40' S-030B, INV. EL. OUT = 28.40'
P-101	185 LF 24" PIPE @ 0.97% S-102, INV. EL. IN = 22.80' S-100, INV. EL. OUT = 21.00'
P-103	128 LF 15" PIPE @ 2.98% S-103, INV. EL. IN = 26.80' S-102, INV. EL. OUT = 23.00'
P-104	77 LF 15" PIPE @ 0.26% S-104, INV. EL. IN = 27.00' S-103, INV. EL. OUT = 26.80'
P-105	103 LF 24" PIPE @ 1.66% S-105, INV. EL. IN = 24.00' S-102, INV. EL. OUT = 22.30'
P-106	104 LF 24" PIPE @ 0.19% S-106, INV. EL. IN = 24.20' S-105, INV. EL. OUT = 24.00'

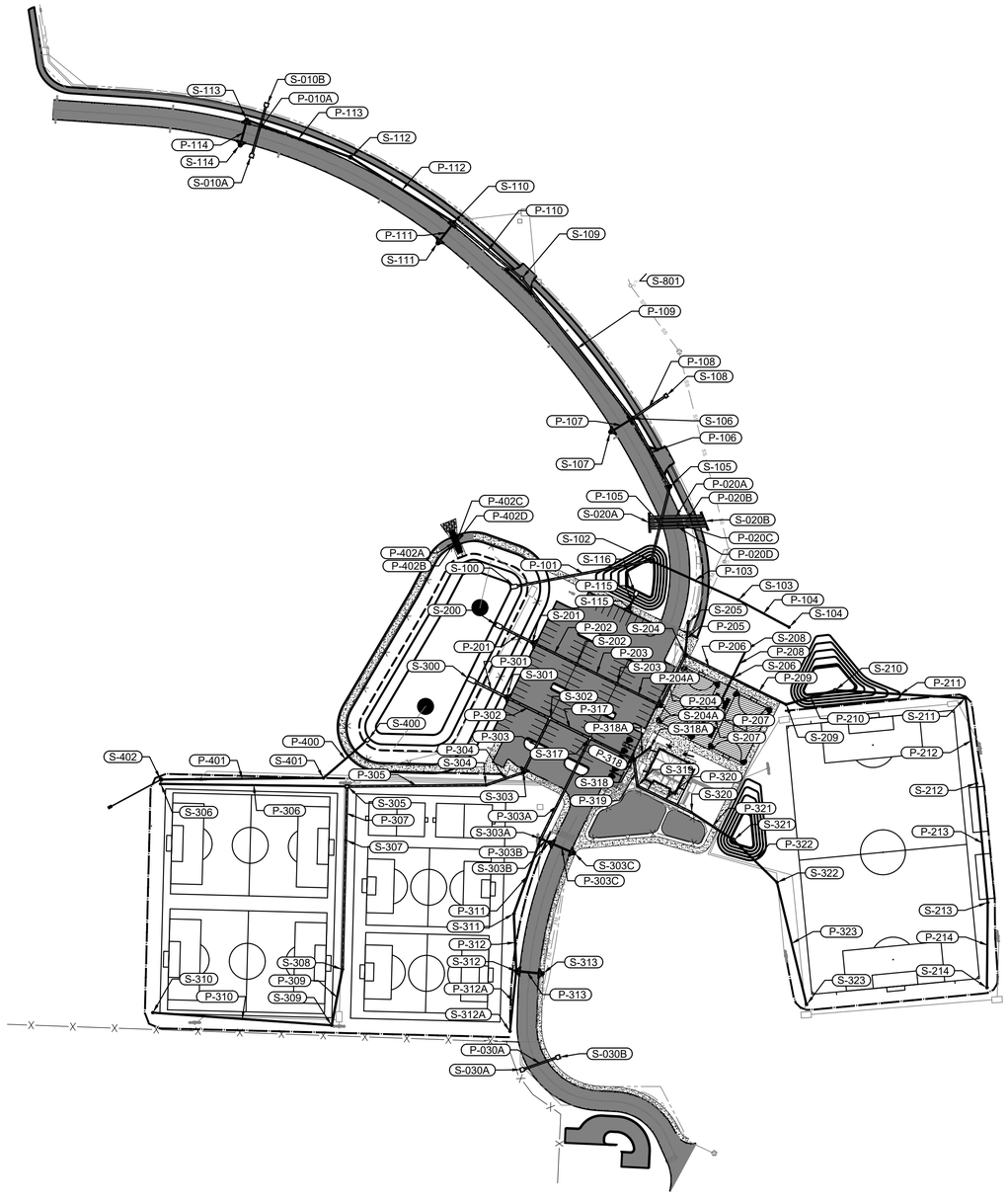
DRAINAGE PIPE TABLE	
NAME	DETAILS
P-107	35 LF 15" PIPE @ 0.88% S-107, INV. EL. IN = 26.30' S-106, INV. EL. OUT = 26.00'
P-108	55 LF 24" PIPE @ 0.18% S-108, INV. EL. IN = 24.30' S-106, INV. EL. OUT = 24.20'
P-109	239 LF 24" PIPE @ 0.17% S-109, INV. EL. IN = 24.60' S-106, INV. EL. OUT = 24.20'
P-110	118 LF 24" PIPE @ 0.17% S-110, INV. EL. IN = 24.80' S-109, INV. EL. OUT = 24.60'
P-111	36 LF 15" PIPE @ 0.29% S-111, INV. EL. IN = 25.70' S-110, INV. EL. OUT = 25.60'
P-112	164 LF 18" PIPE @ 0.18% S-112, INV. EL. IN = 25.60' S-110, INV. EL. OUT = 25.30'
P-113	148 LF 18" PIPE @ 0.20% S-113, INV. EL. IN = 25.90' S-112, INV. EL. OUT = 25.60'
P-114	35 LF 15" PIPE @ 0.29% S-114, INV. EL. IN = 26.30' S-113, INV. EL. OUT = 26.20'
P-115	21 LF 18" PIPE @ 0.50% S-115, INV. EL. IN = 27.85' S-116, INV. EL. OUT = 27.75'
P-201	53 LF 24" PIPE @ 5.16% S-201, INV. EL. IN = 23.70' S-200, INV. EL. OUT = 21.00'
P-202	66 LF 24" PIPE @ 0.15% S-202, INV. EL. IN = 23.80' S-201, INV. EL. OUT = 23.70'

DRAINAGE PIPE TABLE	
NAME	DETAILS
P-203	61 LF 24" PIPE @ 0.17% S-203, INV. EL. IN = 23.90' S-202, INV. EL. OUT = 23.80'
P-204	75 LF 24" PIPE @ 0.07% S-204, INV. EL. IN = 24.00' S-204A, INV. EL. OUT = 23.95'
P-204A	66 LF 24" PIPE @ 0.08% S-204A, INV. EL. IN = 23.95' S-203, INV. EL. OUT = 23.90'
P-205	45 LF 15" PIPE @ 0.45% S-205, INV. EL. IN = 26.30' S-204, INV. EL. OUT = 26.10'
P-206	71 LF 24" PIPE @ 0.29% S-206, INV. EL. IN = 24.20' S-204, INV. EL. OUT = 24.00'
P-207	56 LF 15" PIPE @ 0.36% S-207, INV. EL. IN = 26.40' S-206, INV. EL. OUT = 26.20'
P-208	43 LF 15" PIPE @ 0.24% S-208, INV. EL. IN = 26.30' S-206, INV. EL. OUT = 26.20'
P-209	81 LF 18" PIPE @ 0.25% S-209, INV. EL. IN = 24.90' S-206, INV. EL. OUT = 24.70'
P-210	69 LF 18" PIPE @ 0.15% S-210, INV. EL. IN = 25.00' S-209, INV. EL. OUT = 24.90'
P-211	175 LF 18" PIPE @ 0.74% S-211, INV. EL. IN = 26.30' S-210, INV. EL. OUT = 25.00'
P-212	115 LF 15" PIPE @ 0.26% S-212, INV. EL. IN = 26.90' S-211, INV. EL. OUT = 26.60'

DRAINAGE PIPE TABLE	
NAME	DETAILS
P-213	160 LF 15" PIPE @ 0.25% S-213, INV. EL. IN = 27.30' S-212, INV. EL. OUT = 26.90'
P-214	114 LF 15" PIPE @ 0.26% S-214, INV. EL. IN = 27.60' S-213, INV. EL. OUT = 27.30'
P-301	53 LF 30" PIPE @ 4.21% S-301, INV. EL. IN = 23.20' S-300, INV. EL. OUT = 21.00'
P-302	66 LF 30" PIPE @ 0.15% S-302, INV. EL. IN = 23.30' S-301, INV. EL. OUT = 23.20'
P-303	81 LF 24" PIPE @ 1.00% S-303, INV. EL. IN = 24.90' S-302, INV. EL. OUT = 24.10'
P-303A	150 LF 24" PIPE @ 0.87% S-303A, INV. EL. IN = 25.50' S-317, INV. EL. OUT = 24.20'
P-303B	14 LF 18" PIPE @ 3.06% S-303B, INV. EL. IN = 26.40' S-303A, INV. EL. OUT = 26.00'
P-303C	36 LF 18" PIPE @ 0.29% S-303C, INV. EL. IN = 26.50' S-303B, INV. EL. OUT = 26.40'
P-304	53 LF 24" PIPE @ 0.19% S-304, INV. EL. IN = 25.00' S-303, INV. EL. OUT = 24.90'
P-305	186 LF 24" PIPE @ 0.27% S-305, INV. EL. IN = 25.50' S-304, INV. EL. OUT = 25.00'
P-306	250 LF 15" PIPE @ 0.44% S-306, INV. EL. IN = 27.20' S-305, INV. EL. OUT = 26.10'

DRAINAGE PIPE TABLE	
NAME	DETAILS
P-307	73 LF 24" PIPE @ 0.28% S-307, INV. EL. IN = 25.70' S-305, INV. EL. OUT = 25.50'
P-308	173 LF 24" PIPE @ 0.17% S-308, INV. EL. IN = 26.00' S-307, INV. EL. OUT = 25.70'
P-309	77 LF 18" PIPE @ 0.26% S-309, INV. EL. IN = 26.70' S-308, INV. EL. OUT = 26.50'
P-310	240 LF 15" PIPE @ 0.21% S-310, INV. EL. IN = 27.20' S-309, INV. EL. OUT = 26.70'
P-311	107 LF 18" PIPE @ 0.19% S-311, INV. EL. IN = 26.20' S-303A, INV. EL. OUT = 26.00'
P-312	77 LF 18" PIPE @ 0.52% S-312, INV. EL. IN = 26.60' S-311, INV. EL. OUT = 26.20'
P-312A	81 LF 15" PIPE @ 0.12% S-312A, INV. EL. IN = 27.00' S-312, INV. EL. OUT = 26.90'
P-313	30 LF 18" PIPE @ 0.34% S-313, INV. EL. IN = 26.70' S-312, INV. EL. OUT = 26.60'
P-317	61 LF 30" PIPE @ 0.17% S-317, INV. EL. IN = 23.40' S-302, INV. EL. OUT = 23.30'
P-318	66 LF 24" PIPE @ 0.31% S-318, INV. EL. IN = 24.10' S-317, INV. EL. OUT = 23.90'
P-318A	28 LF 15" PIPE @ 10.58% S-318A, INV. EL. IN = 28.00' S-318, INV. EL. OUT = 25.10'

DRAINAGE PIPE TABLE	
NAME	DETAILS
P-319	36 LF 24" PIPE @ 0.57% S-319, INV. EL. IN = 24.30' S-318, INV. EL. OUT = 24.10'
P-320	81 LF 24" PIPE @ 0.25% S-320, INV. EL. IN = 24.50' S-319, INV. EL. OUT = 24.30'
P-321	68 LF 18" PIPE @ 0.30% S-321, INV. EL. IN = 25.20' S-320, INV. EL. OUT = 25.00'
P-322	82 LF 15" PIPE @ 2.46% S-322, INV. EL. IN = 27.50' S-321, INV. EL. OUT = 25.50'
P-323	168 LF 15" PIPE @ 0.24% S-323, INV. EL. IN = 28.60' S-322, INV. EL. OUT = 28.20'
P-400	78 LF 15" PIPE @ -0.19% S-400, INV. EL. IN = 25.75' S-401, INV. EL. OUT = 25.90'
P-401	218 LF 15" PIPE @ -0.05% S-401, INV. EL. IN = 25.90' S-402, INV. EL. OUT = 26.00'
P-402A	31 LF 10" PIPE @ 0.32% , INV. EL. IN = 28.90' , INV. EL. OUT = 28.80'
P-402B	31 LF 10" PIPE @ 0.32% , INV. EL. IN = 28.90' , INV. EL. OUT = 28.80'
P-402C	31 LF 10" PIPE @ 0.32% , INV. EL. IN = 28.90' , INV. EL. OUT = 28.80'
P-402D	31 LF 10" PIPE @ 0.32% , INV. EL. IN = 28.90' , INV. EL. OUT = 28.80'



A3
C-101

OVERALL DRAINAGE PLAN

SCALE: 1" = 100'

N

100' 0' 100' 200'

SCALE: 1"=100'

JUNE 2025
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

SANTA ROSA COUNTY FLORIDA
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Rev:	Date:	Description	Appr
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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

OVERALL DRAINAGE PLAN

Designed by:	Drawn by:	Checked by:	Reviewed by:	Submitted by:	Drawing Scale:	Plot scale:
ZS	ZS	JH	EN	SUBMITTER'S NAME MOFFATT & NICHOL	1:1 (0 SHEET)	1:1 (0 SHEET)

Date: 2025/02
M&N Project No. 202000
Drawing scale:

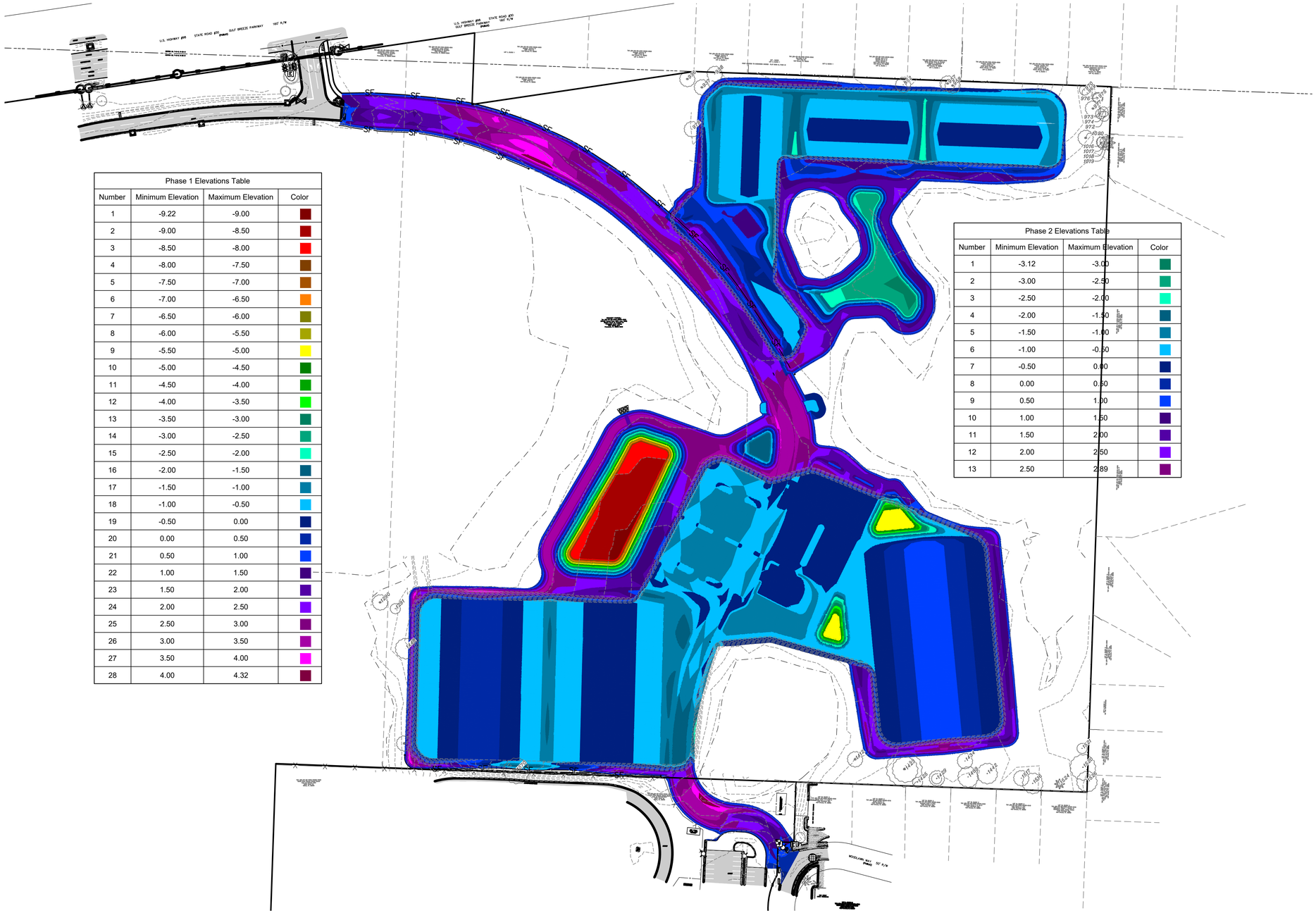
moffatt & nichol
100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet
Reference No.
C-101
INDEX: 24 OF 65

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Phase 1 Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-9.22	-9.00	
2	-9.00	-8.50	
3	-8.50	-8.00	
4	-8.00	-7.50	
5	-7.50	-7.00	
6	-7.00	-6.50	
7	-6.50	-6.00	
8	-6.00	-5.50	
9	-5.50	-5.00	
10	-5.00	-4.50	
11	-4.50	-4.00	
12	-4.00	-3.50	
13	-3.50	-3.00	
14	-3.00	-2.50	
15	-2.50	-2.00	
16	-2.00	-1.50	
17	-1.50	-1.00	
18	-1.00	-0.50	
19	-0.50	0.00	
20	0.00	0.50	
21	0.50	1.00	
22	1.00	1.50	
23	1.50	2.00	
24	2.00	2.50	
25	2.50	3.00	
26	3.00	3.50	
27	3.50	4.00	
28	4.00	4.32	

Phase 2 Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-3.12	-3.00	
2	-3.00	-2.50	
3	-2.50	-2.00	
4	-2.00	-1.50	
5	-1.50	-1.00	
6	-1.00	-0.50	
7	-0.50	0.00	
8	0.00	0.50	
9	0.50	1.00	
10	1.00	1.50	
11	1.50	2.00	
12	2.00	2.50	
13	2.50	2.89	

A1 / C-102 MASS GRADING PLAN
SCALE: 1" = 100'

PHASING NOTES FOR SITE GRADING

1. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL UPGRADE/REPLACE ALL EROSION CONTROL MEASURES, SILT FENCE, HAY BALES, ETC. AS PER DESIGN REQUIREMENTS.
2. EXCAVATE POND AREA & CONSTRUCT POND OUTFALL SYSTEM.
3. STAGE EXCAVATED MATERIAL FOR REUSE ONSITE.
4. PERFORM GRADING & CONSTRUCTION IN AREAS ONCE CONVEYANCE SYSTEM & INLET PROTECTION ARE INSTALLED.

EROSION CONTROL DURING GRADING

1. PRIOR TO GRADING OPERATIONS, CONTRACTOR SHALL INSTALL SOIL TRACKING PREVENTION DEVICE AT ENTRANCE TO CONSTRUCTION SITE TO CONTAIN DIRT ON SITE. DURING DIRT HAULING OPERATIONS OFF SITE, LOADED HAUL TRUCKS SHOULD BE COVERED WITH TARPAULINS.
2. THE 3:1 PROPOSED SLOPES ALONG THE WEST SIDE AND SOUTHWEST SIDE AND OF THE PROJECT SITE SHOULD BE STABILIZED AS QUICKLY AS POSSIBLE AFTER GRADING WITH OVERLAPPING SOD.

N

100' 0' 100' 200'

SCALE: 1"=100'

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SANTA ROSA COUNTY FLORIDA
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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

MASS GRADING PLAN

moffatt & nichol
100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

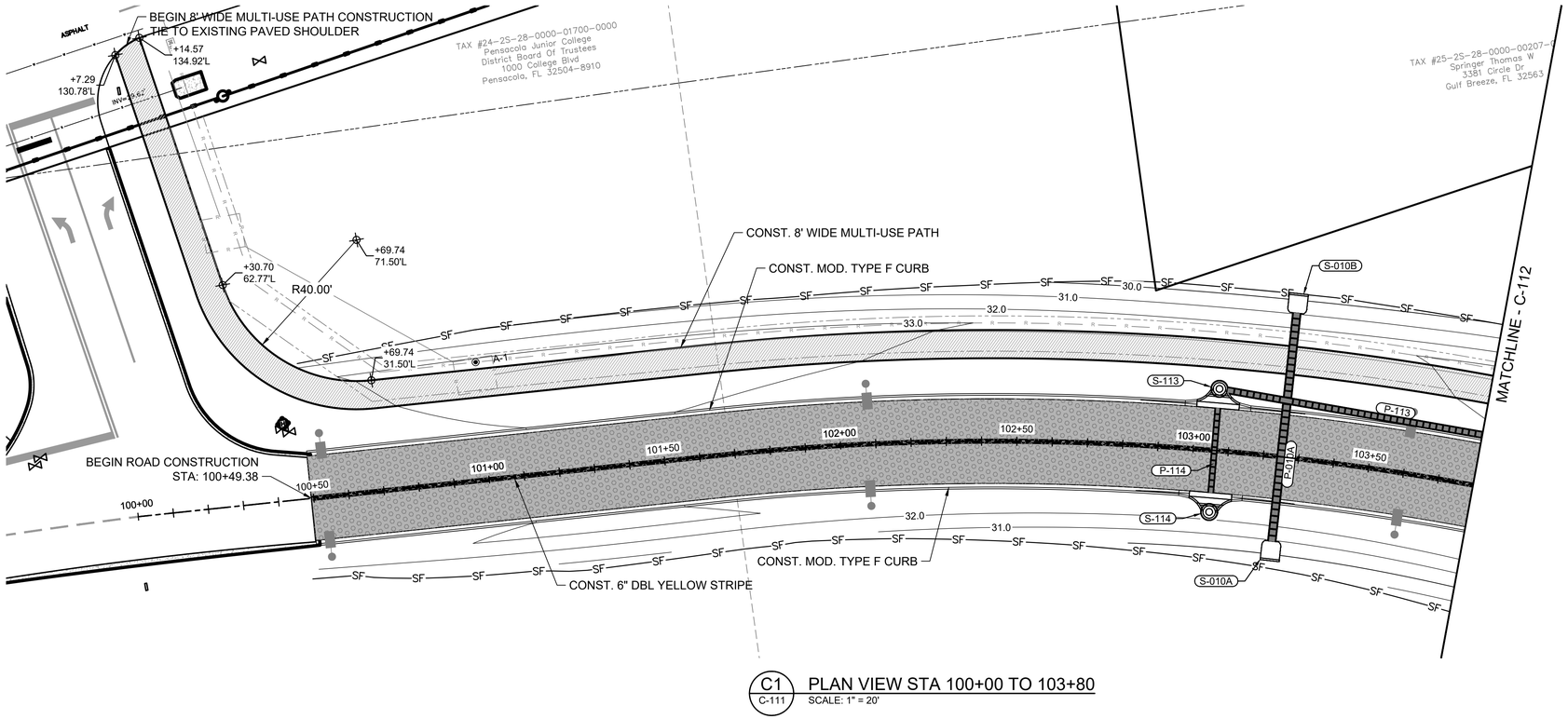
ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Designed by:	ZS
Drawn by:	ZS
Reviewed by:	EN
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	2025/02
Cad by:	JH
M&N Project No.	202000
Drawing scale:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev:	-

Sheet
Reference No.
C-102
INDEX: 25 OF 65

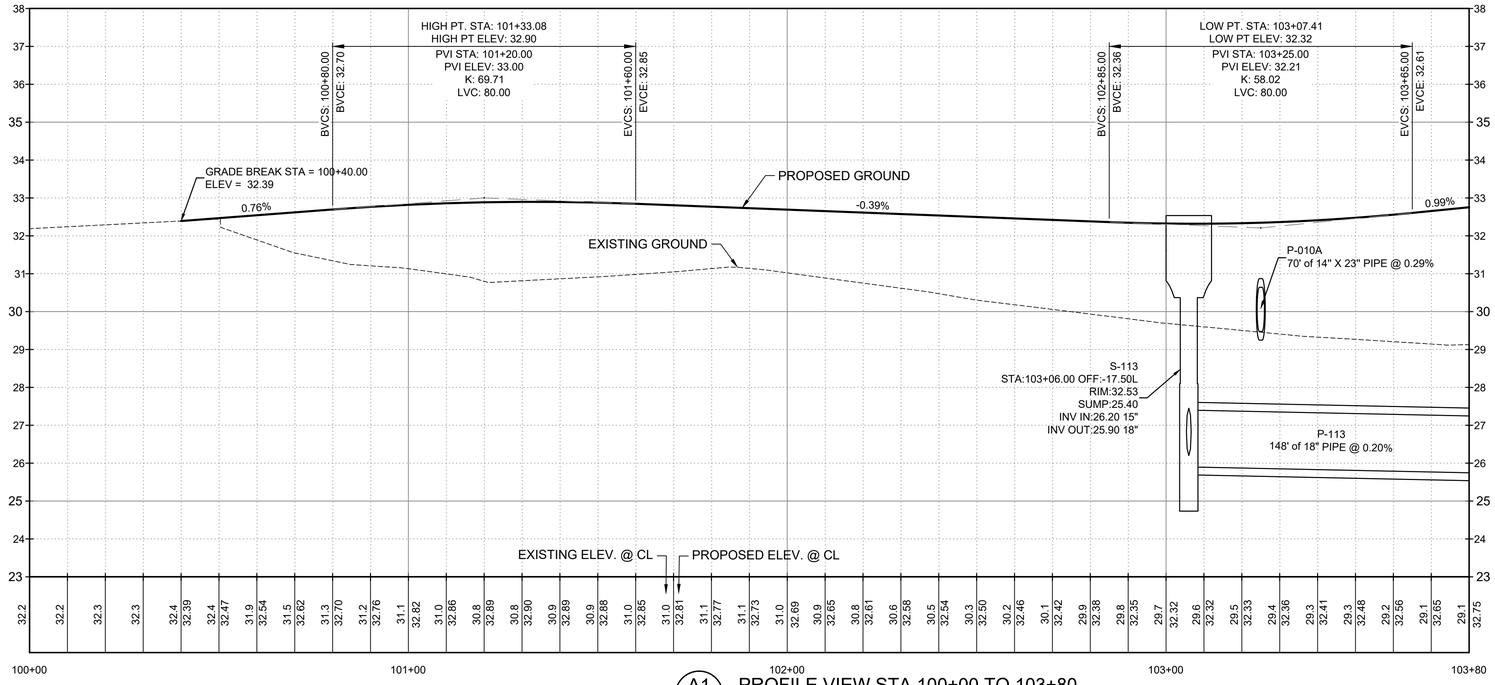
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C1 C-111 PLAN VIEW STA 100+00 TO 103+80

SCALE: 1" = 20'

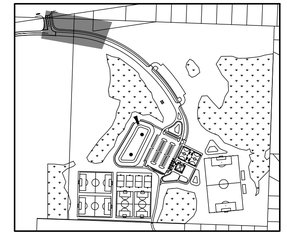


A1 C-111 PROFILE VIEW STA 100+00 TO 103+80

SCALE: 1" = 20'

LEGEND

- B1 / C-010 — 2.5" ASPHALT W/ 8" BASE
- A1 / C-010 — 1.5" ASPHALT W/ 6" BASE
- A2 / C-010 — 4" CONCRETE SIDEWALK
- A3 / C-010 — 1.5" ASPHALT W/ 4.5" BASE
- WETLANDS
- WETLAND BUFFER (15' MIN)
- SF — SILT FENCE
- DSF — DOUBLE SILT FENCE W/ HAY BALES



KEY PLAN

N

20' 0' 20' 40'

SCALE: 1"=20'

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SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PLAN & PROFILE

Designed by: ZS
Drawn by: ZS
Checked by: JH
Reviewed by: EN
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2025/02
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

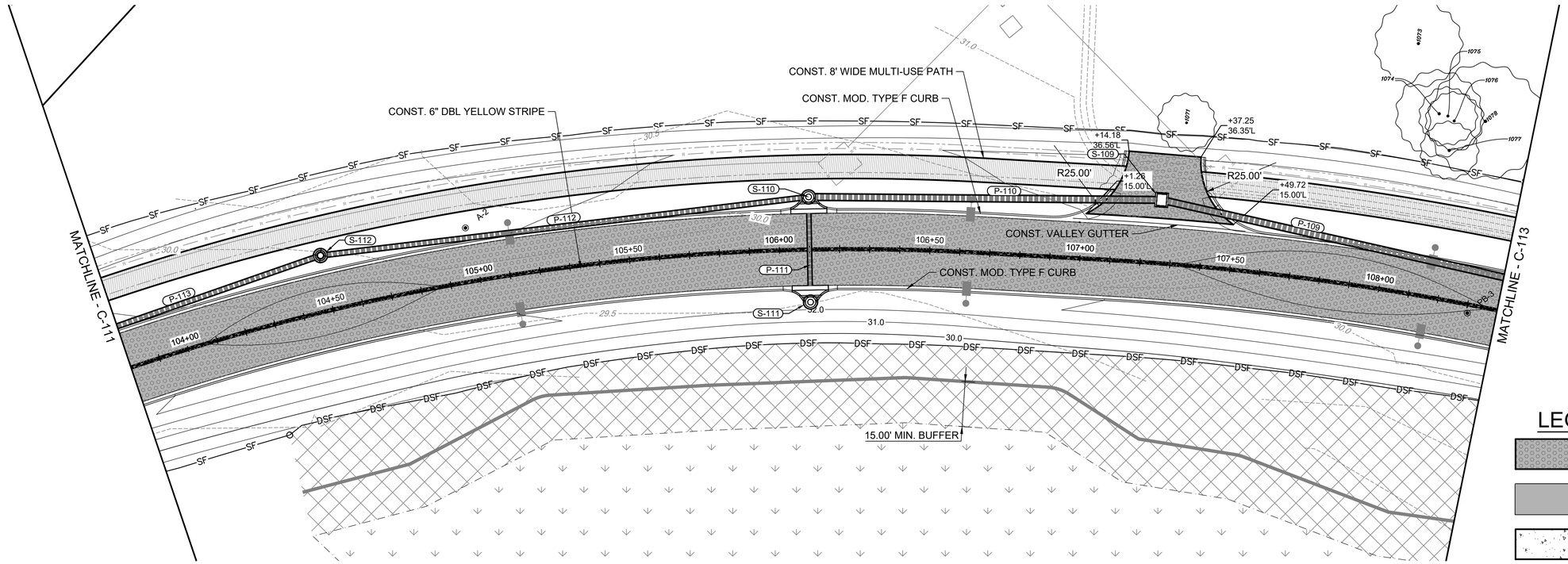
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

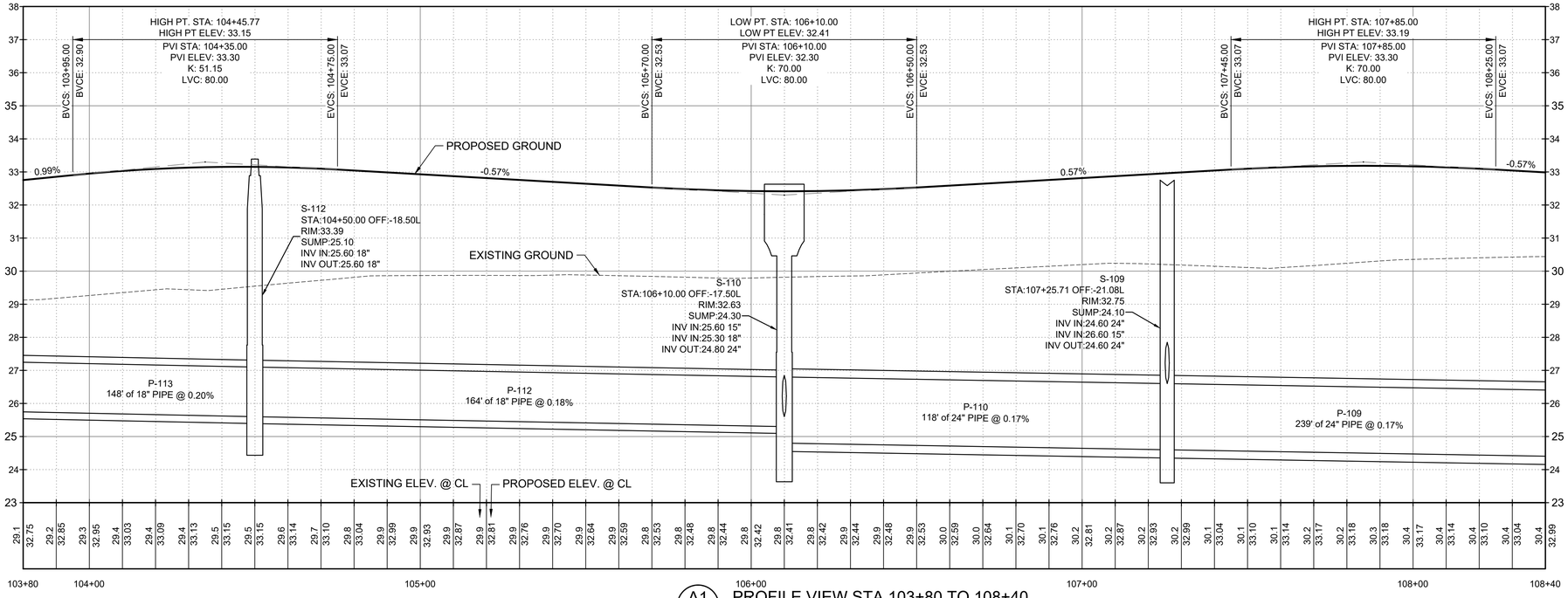
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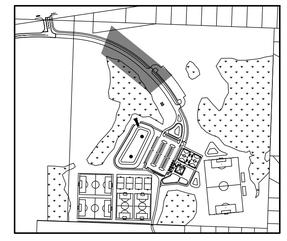
C1 C-112 PLAN VIEW STA 103+80 TO 108+40
SCALE: 1" = 20'



A1 C-112 PROFILE VIEW STA 103+80 TO 108+40
SCALE: 1" = 20'

LEGEND

	B1 C-010	2.5" ASPHALT W/ 8" BASE
	A1 C-010	1.5" ASPHALT W/ 6" BASE
	A2 C-010	4" CONCRETE SIDEWALK
	A3 C-010	1.5" ASPHALT W/ 4.5" BASE
		WETLANDS
		WETLAND BUFFER (15' MIN)
SF		SILT FENCE
DSF		DOUBLE SILT FENCE W/ HAY BALES



KEY PLAN

N

20' 0' 20' 40'

SCALE: 1"=20'

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SANTA ROSA COUNTY FLORIDA
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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PLAN & PROFILE

Designed by: ZS	Date: 2025/02	MAN Project No. 202000	Rev. -
Dwn by: ZS	Ckd by: JH	Drawing code:	
Reviewed by: EN	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (D SHEET)	

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

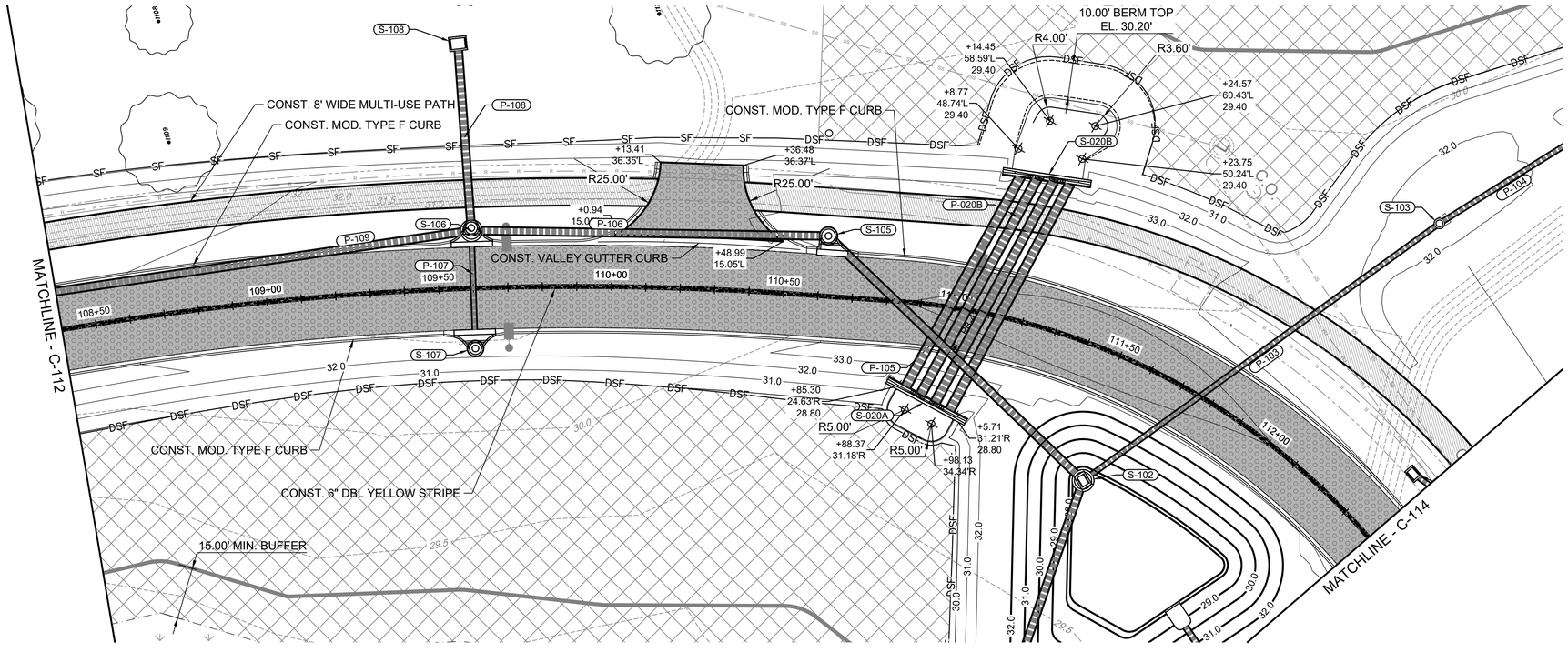
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

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LICENSE
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STATE OF FLORIDA
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Sheet Reference No.
C-112
INDEX: 27 OF 65

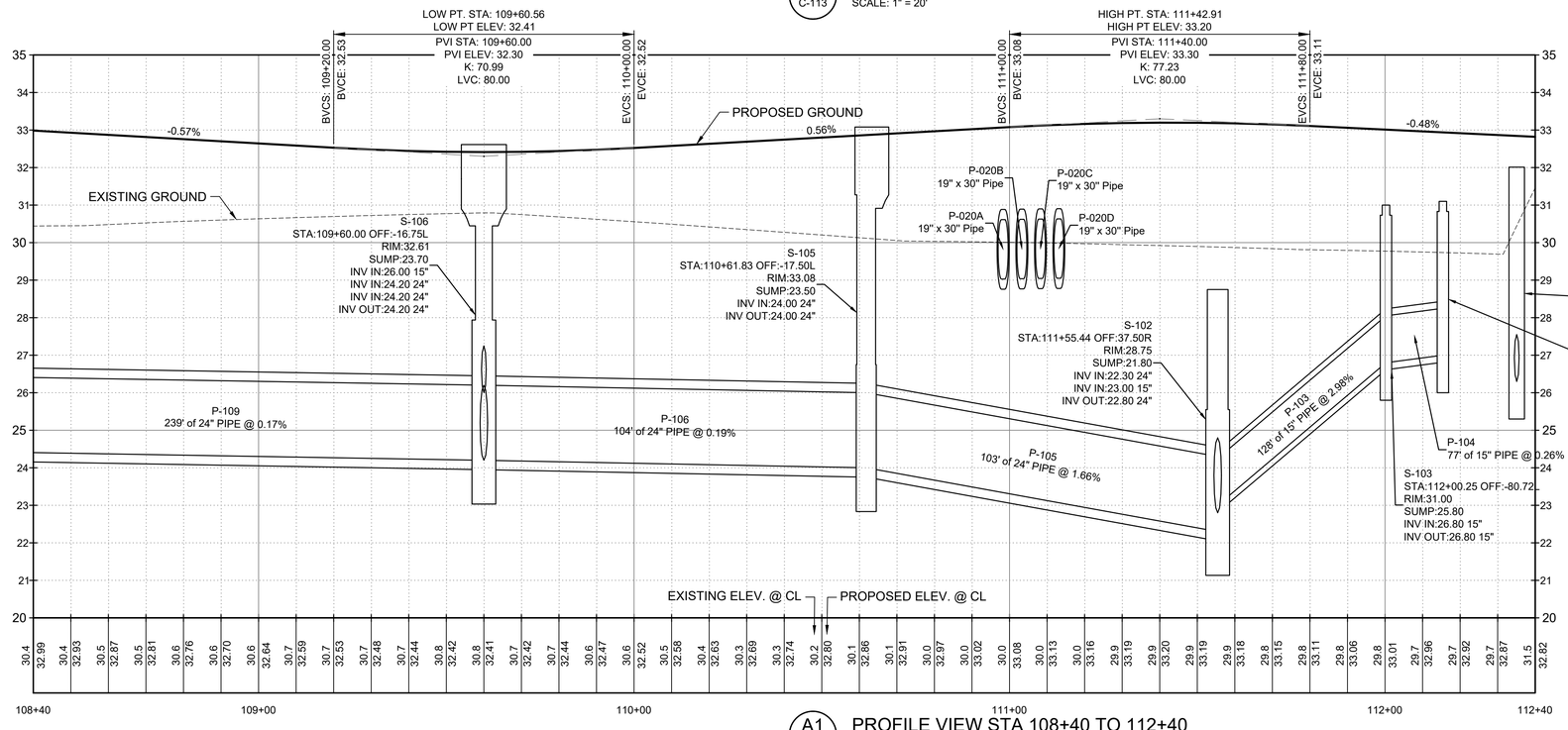
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C1 C-113 PLAN VIEW STA 108+40 TO 112+40

SCALE: 1" = 20'

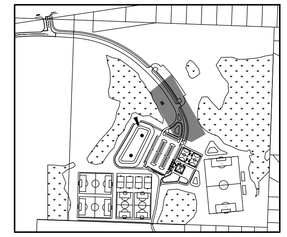


A1 C-113 PROFILE VIEW STA 108+40 TO 112+40

SCALE: 1" = 20'

LEGEND

- B1 / C-010 — 2.5" ASPHALT W/ 8" BASE
- A1 / C-010 — 1.5" ASPHALT W/ 6" BASE
- A2 / C-010 — 4" CONCRETE SIDEWALK
- A3 / C-010 — 1.5" ASPHALT W/ 4.5" BASE
- WETLANDS
- WETLAND BUFFER (15' MIN)
- SF — SILT FENCE
- DSF — DOUBLE SILT FENCE W/ HAY BALES



KEY PLAN

N

20' 0' 20' 40'

SCALE: 1"=20'

JUNE 2025
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SANTA ROSA COUNTY FLORIDA
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-	Mark		

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PLAN & PROFILE

Designed by: ZS	Date: 2025/02
Dwn by: ZS	Ckd by: JH
Reviewed by: EN	MAN Project No. 202000
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing code:
	Drawing Scale:
	Plot scale: 1:1 (D SHEET)

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

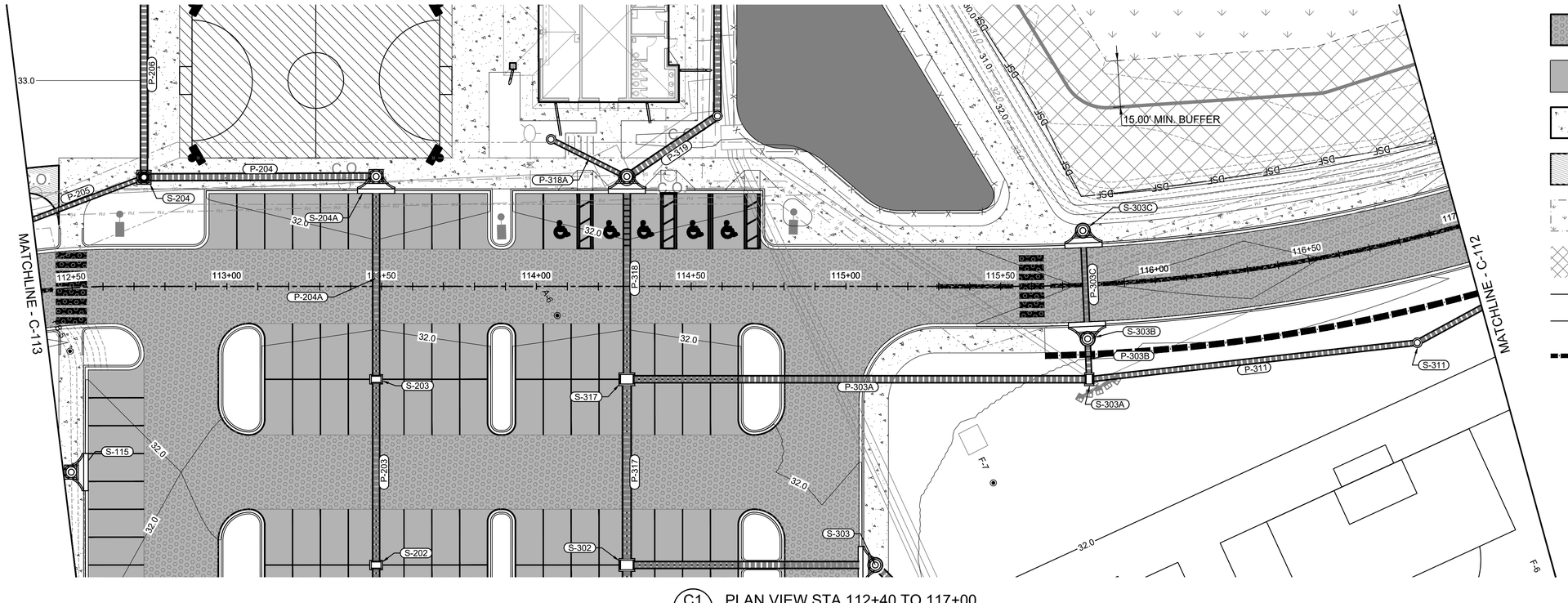
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MILTON, FL 32570

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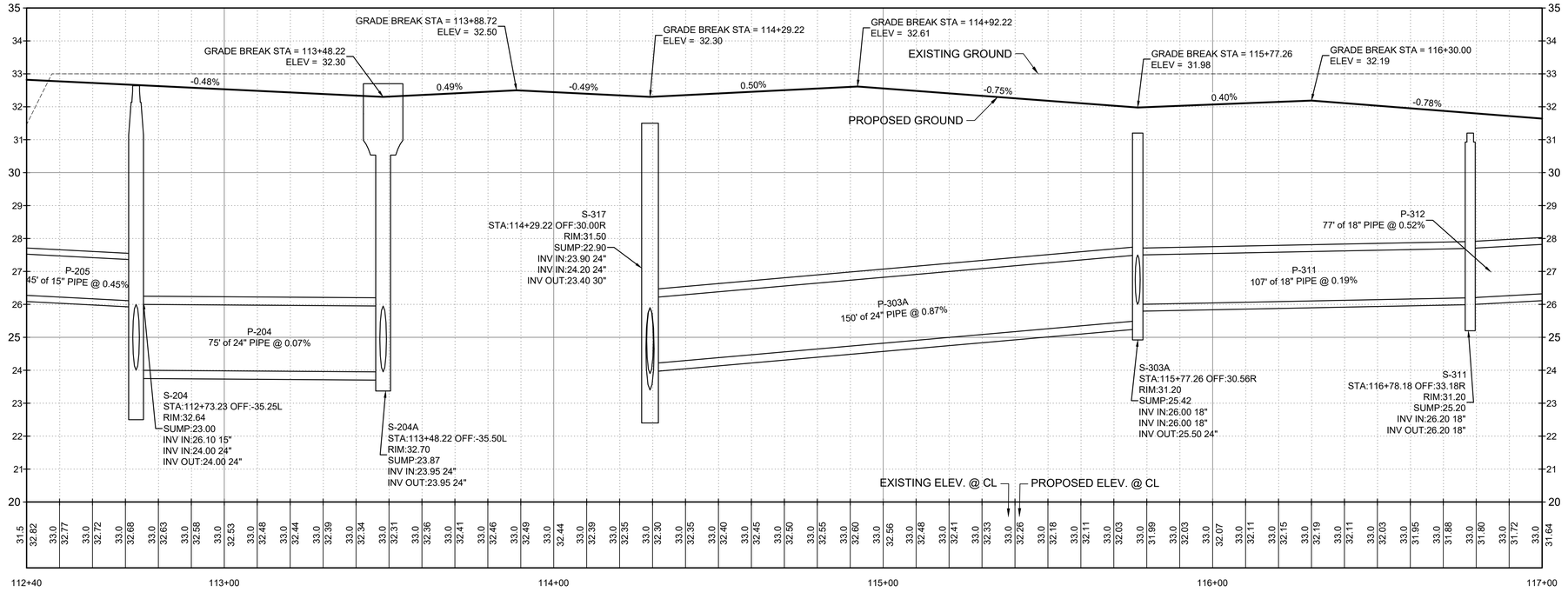
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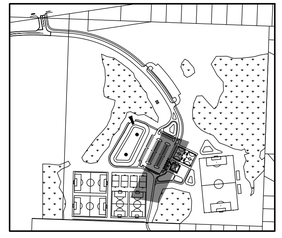
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



C1 C-114 PLAN VIEW STA 112+40 TO 117+00
SCALE: 1" = 20'



A1 C-114 PROFILE VIEW STA 112+40 TO 117+00
SCALE: 1" = 20'



KEY PLAN

N

20' 0' 20' 40'

SCALE: 1"=20'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Rev.	Date	Description	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PLAN & PROFILE

Designed by: ZS
Drawn by: ZS
Cad by: JH
Reviewed by: EN
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2025/02
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

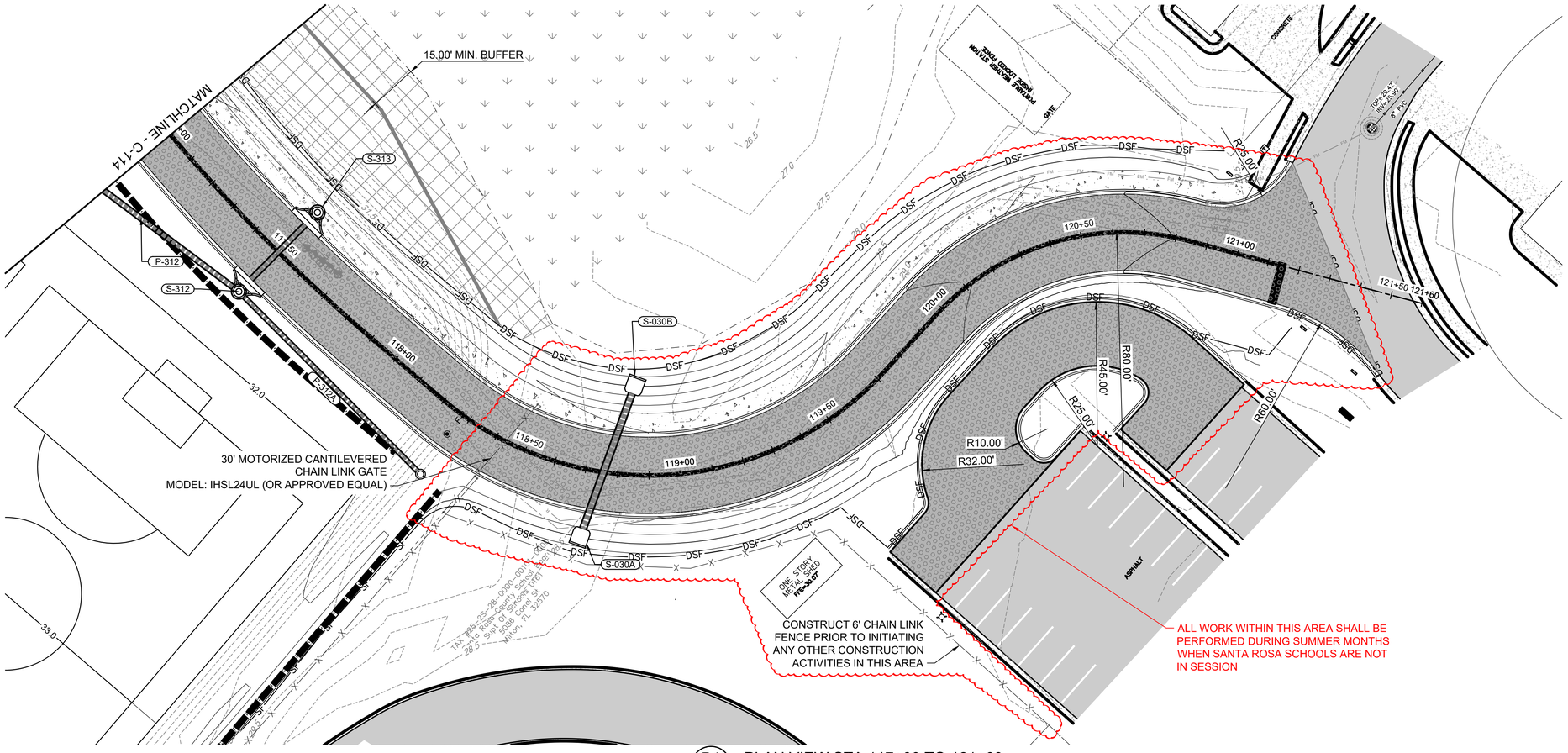
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

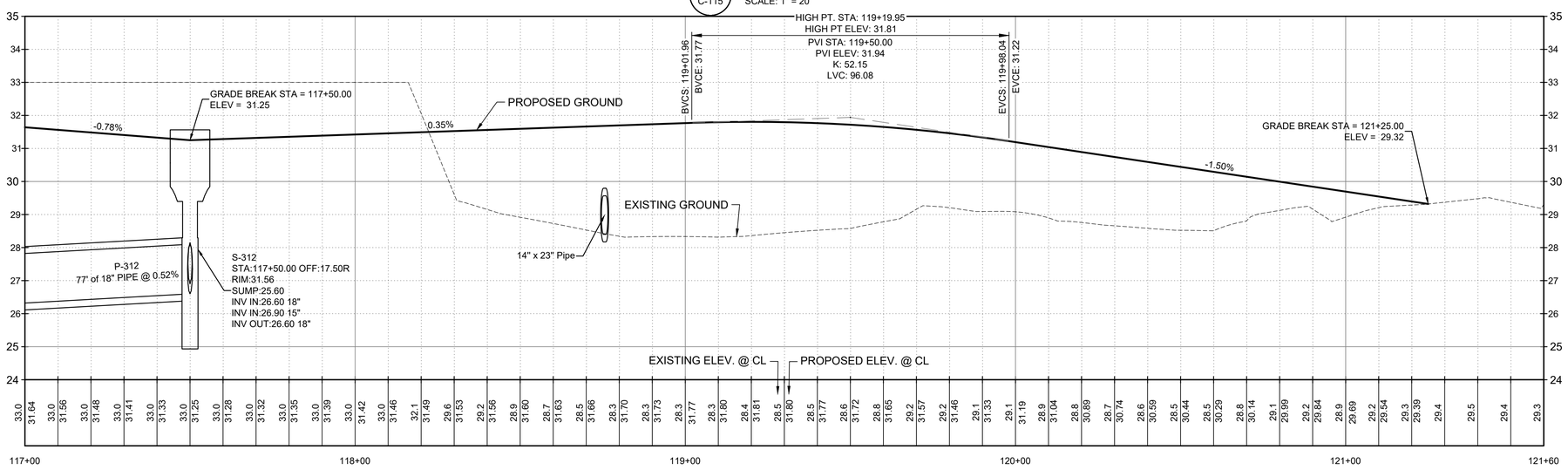
Sheet Reference No.
C-114
INDEX: 29 OF 65

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



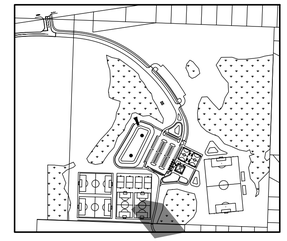
B1 C-115 PLAN VIEW STA 117+00 TO 121+60
SCALE: 1" = 20'



A1 C-115 PROFILE VIEW STA 117+00 TO 121+60
SCALE: 1" = 20'

LEGEND

- B1 C-010 — 2.5" ASPHALT W/ 8" BASE
- A1 C-010 — 1.5" ASPHALT W/ 6" BASE
- A2 C-010 — 4" CONCRETE SIDEWALK
- A3 C-010 — 1.5" ASPHALT W/ 4.5" BASE
- WETLANDS
- WETLAND BUFFER (15' MIN)
- SF — SILT FENCE
- DSF — DOUBLE SILT FENCE W/ HAY BALES
- A4 C-502 — SPORTS FIELD NETTING



KEY PLAN

N

20' 0' 20' 40'

SCALE: 1"=20'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Rev.	Date	Description	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PLAN & PROFILE

100 NORTH SPRING STREET SUITE 2 PENSACOLA, FL 32502
moffatt & nichol
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

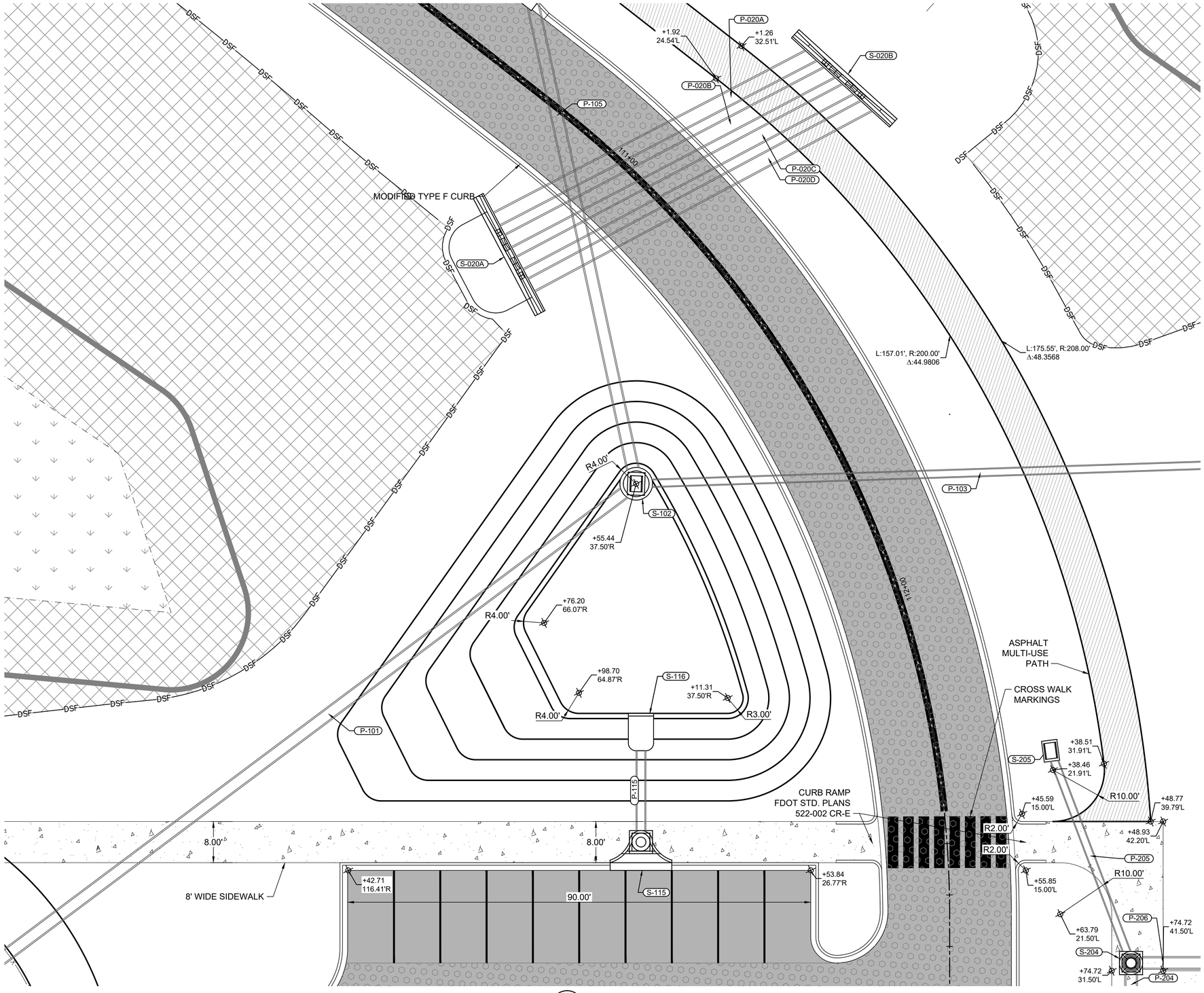
Designed by:	ZS
Drawn by:	ZS
Checked by:	JH
Reviewed by:	EN
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	2025/02
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)

ZACKARY W. STUHR LICENSE No. 77671 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
C-115
INDEX: 30 OF 65

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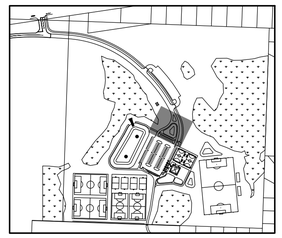
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 / C-121 SITE LAYOUT PLAN 1
SCALE: 1" = 10'

LEGEND

- B1 / C-010 — 2.5" ASPHALT W/ 8" BASE
- A1 / C-010 — 1.5" ASPHALT W/ 6" BASE
- A2 / C-010 — 4" CONCRETE SIDEWALK
- A3 / C-010 — 1.5" ASPHALT W/ 4.5" BASE
- WETLANDS
- WETLAND BUFFER (15' MIN)
- SF — SILT FENCE
- DSF — DOUBLE SILT FENCE W/ HAY BALES



KEY PLAN

N

10' 0' 10' 20'

SCALE: 1"=10'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

SITE LAYOUT PLAN 1

moffatt & nichol
100 NORTH SPRING STREET SUITE 2 PENSACOLA, FL 32502

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

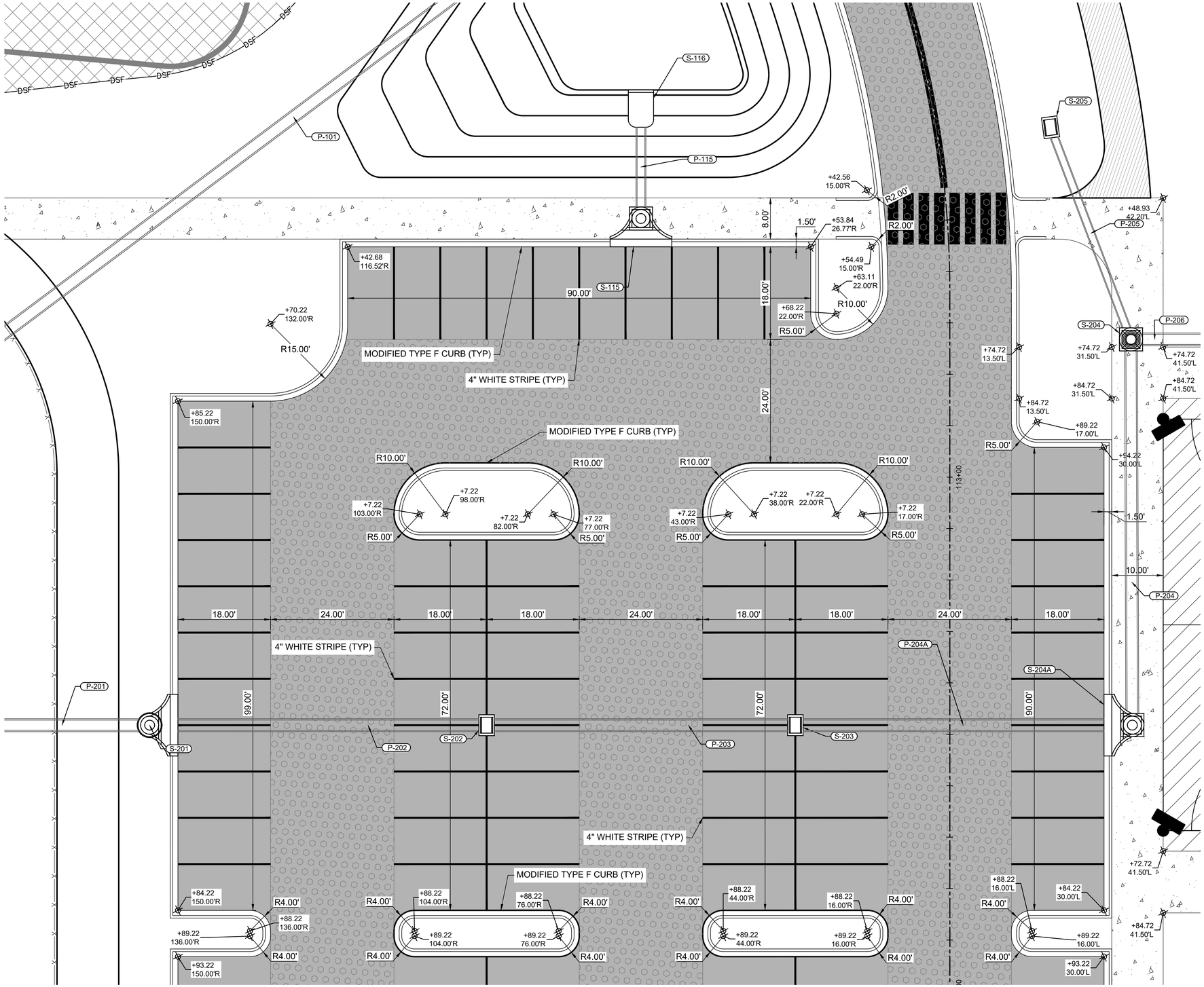
ZACKARY W. STUHR LICENSE No. 77671 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEAL

Designed by:	Drawn by:	Reviewed by:	Submitted by:	Date:	M&N Project No.	Drawing code:	Drawing Scale:
ZS	ZS	EN	SUBMITTER'S NAME MOFFATT & NICHOL	2025/02	202000		Plot scale: 1:1 (D SHEET)

Sheet Reference No.
C-121
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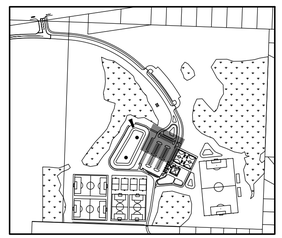


A1 C-122 SITE LAYOUT PLAN 2

SCALE: 1" = 10'

LEGEND

- B1 / C-010 — 2.5" ASPHALT W/ 8" BASE
- A1 / C-010 — 1.5" ASPHALT W/ 6" BASE
- A2 / C-010 — 4" CONCRETE SIDEWALK
- A3 / C-010 — 1.5" ASPHALT W/ 4.5" BASE
- WETLANDS
- WETLAND BUFFER (15' MIN)
- SF — SILT FENCE
- DSF — DOUBLE SILT FENCE W/ HAY BALES



KEY PLAN

N

10' 0' 10' 20'

SCALE: 1"=10'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

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-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

SITE LAYOUT PLAN 2

Rev. -
Date: 2025/02
M&N Project No. 202000
Drawing units:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Designed by: ZS
Dwn by: ZS
Ckd by: JH
Reviewed by: EN
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

moffatt & nichol
100 NORTH SPRING STREET SUITE 2 PENSACOLA, FL 32502

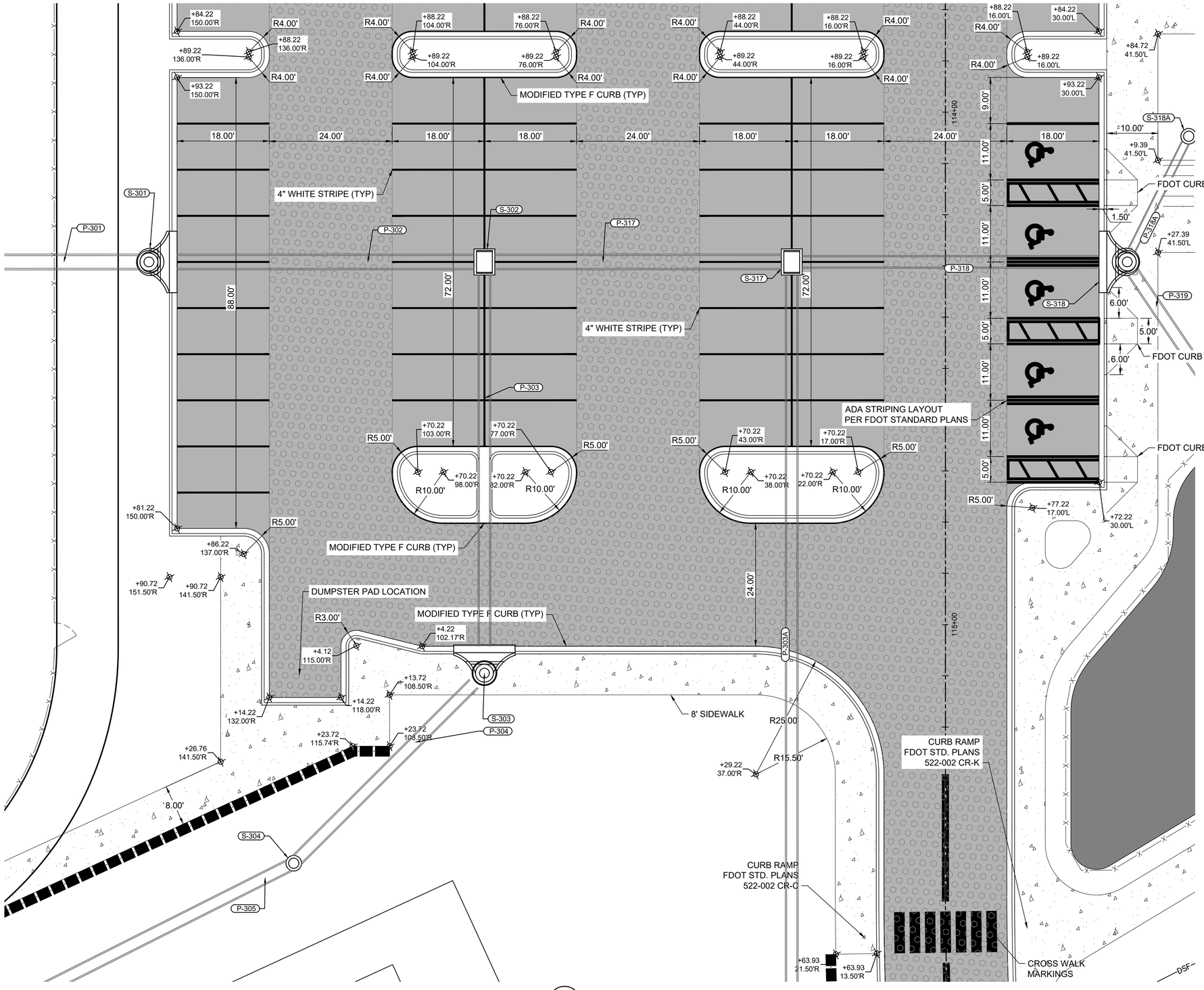
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR LICENSE No. 77671 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
C-122
INDEX: 32 OF 65

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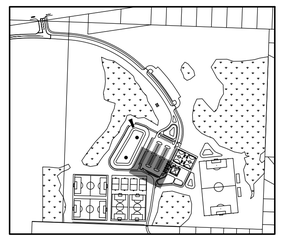
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 C-123 SITE LAYOUT PLAN 3
SCALE: 1" = 10'

LEGEND

- B1 / C-010 — 2.5" ASPHALT W/ 8" BASE
- A1 / C-010 — 1.5" ASPHALT W/ 6" BASE
- A2 / C-010 — 4" CONCRETE SIDEWALK
- A4 / C-502 — SPORTS FIELD NETTING



KEY PLAN

N

10' 0' 10' 20'

SCALE: 1"=10'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

SITE LAYOUT PLAN 3

Rev.	-
Date:	2025/02
M&N Project No.	202000
Drawing code:	
Drawing Scale:	Plot scale: 1:1 (0 SHEET)
Designed by: ZS	Cad by: JH
Drawn by: ZS	Reviewed by: EN
Submitted by: SUBMITTERS NAME MOFFATT & NICHOL	

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

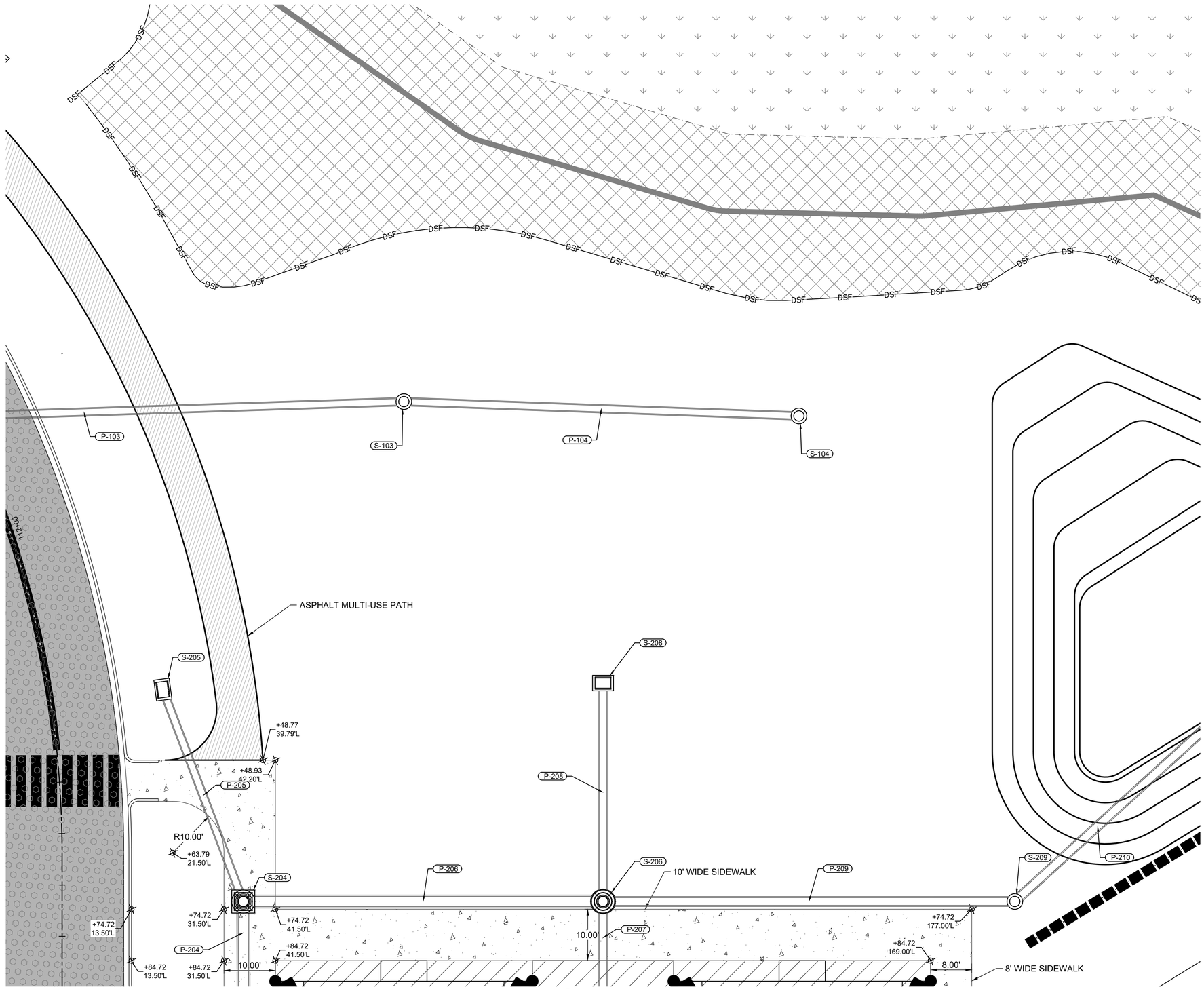
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
C-123
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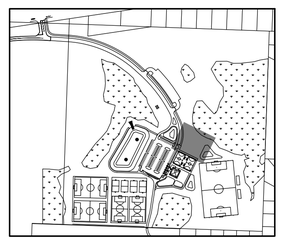
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 / C-124 SITE LAYOUT PLAN 4
SCALE: 1" = 10'

LEGEND

- B1 / C-010 — 2.5" ASPHALT W/ 8" BASE
- A1 / C-010 — 1.5" ASPHALT W/ 6" BASE
- A2 / C-010 — 4" CONCRETE SIDEWALK
- A3 / C-010 — 1.5" ASPHALT W/ 4.5" BASE
- WETLANDS
- WETLAND BUFFER (15' MIN)
- SF — SILT FENCE
- DSF — DOUBLE SILT FENCE W/ HAY BALES
- A4 / C-502 — SPORTS FIELD NETTING



KEY PLAN

10' 0' 10' 20'

SCALE: 1"=10'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

SITE LAYOUT PLAN 4

Designed by: ZS	Cad by: JH	Reviewed by: EN	Rev: -
Drawn by: ZS		Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Date: 2025/02
			M&N Project No. 202000
			Drawing code:
			Drawing Scale:
			Plot scale: 1:1 (D SHEET)

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

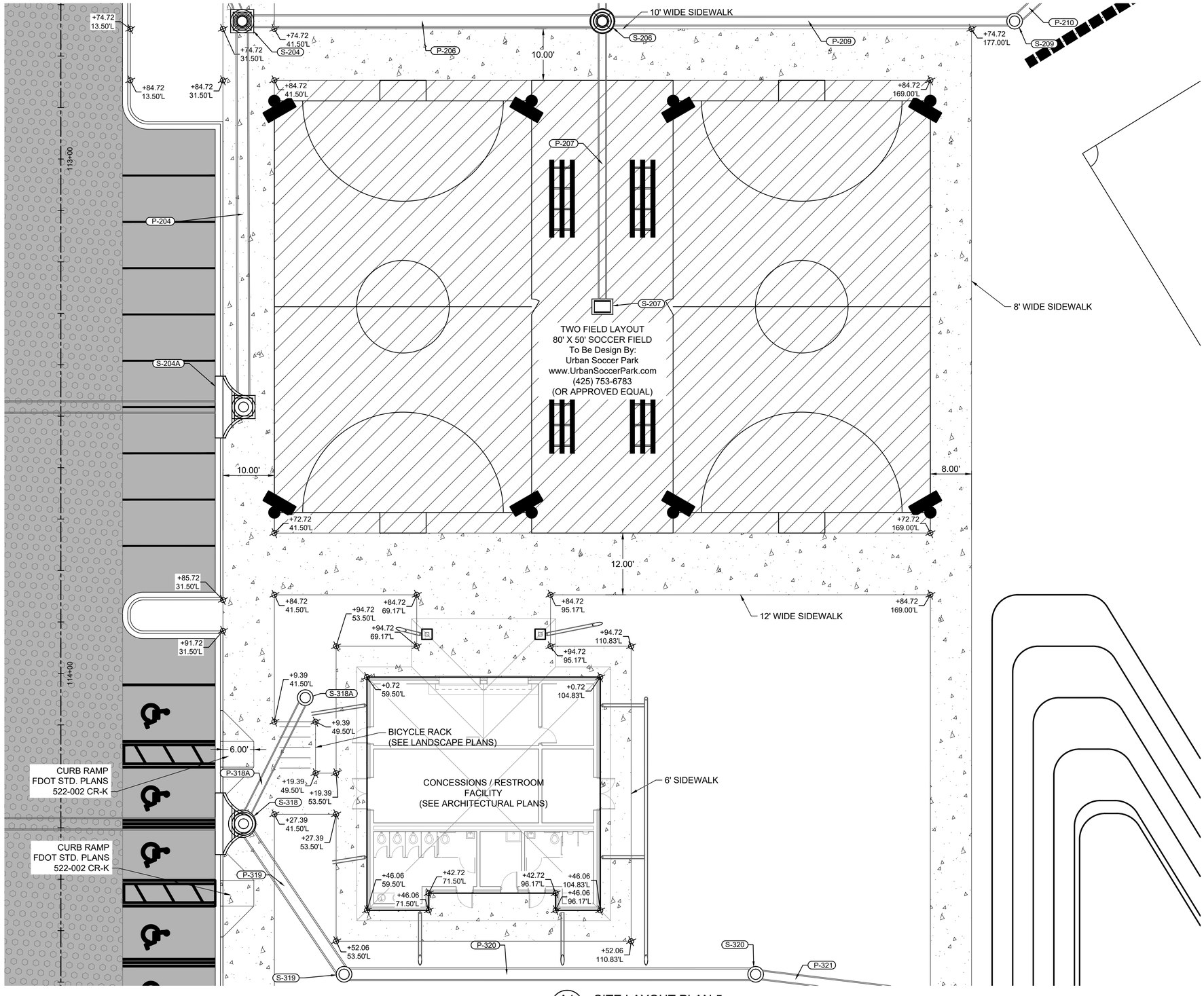
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
C-124
INDEX: 34 OF 65

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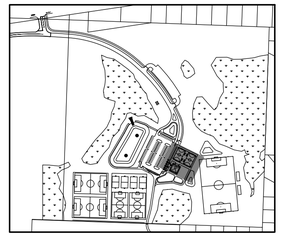
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 / C-125 SITE LAYOUT PLAN 5
SCALE: 1" = 10'

LEGEND

B1 / C-010	2.5" ASPHALT W/ 8" BASE
A1 / C-010	1.5" ASPHALT W/ 6" BASE
A2 / C-010	4" CONCRETE SIDEWALK
B3 / C-010	FUTSAL GROUND PREPARATION



KEY PLAN

N

10' 0' 10' 20'

SCALE: 1"=10'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

SITE LAYOUT PLAN 5

Date: 2025/02
Rev.: -
Designed by: ZS
Drawn by: ZS
Cad by: JH
M&N Project No. 202000
Drawing code:
Reviewed by: EN
Drawing Scale:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Plot scale: 1:1 (D SHEET)

100 NORTH SPRING STREET SUITE 2 PENSACOLA, FL 32502
moffatt & nichol

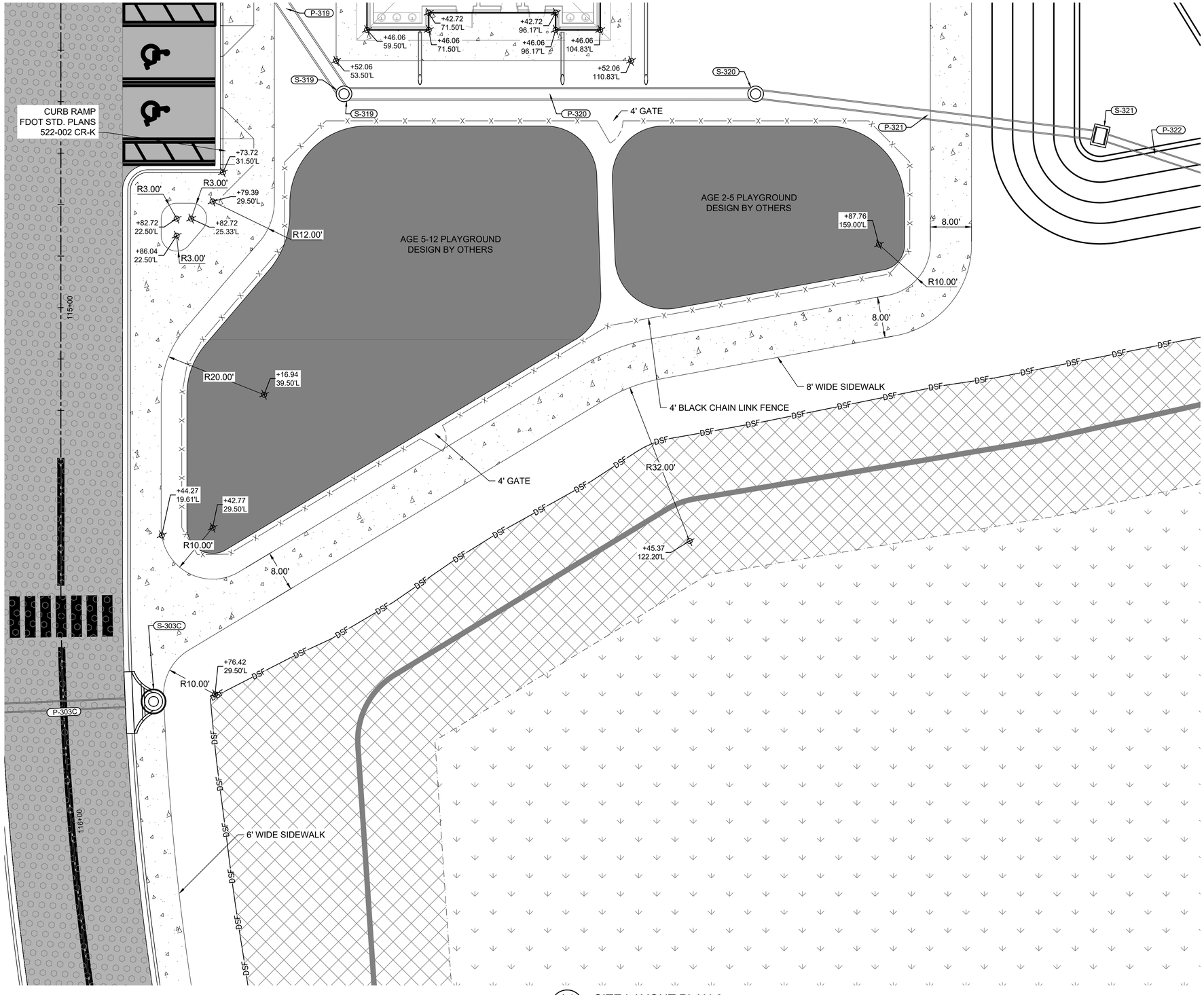
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR LICENSE No. 77671 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
C-125
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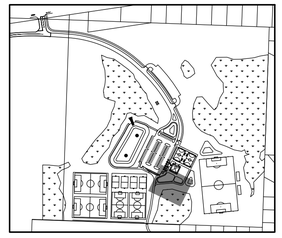
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



LEGEND

- B1 / C-010 — 2.5" ASPHALT W/ 8" BASE
- A1 / C-010 — 1.5" ASPHALT W/ 6" BASE
- A2 / C-010 — 4" CONCRETE SIDEWALK
- WETLANDS
- WETLAND BUFFER (15' MIN)
- DSF — DOUBLE SILT FENCE W/ HAY BALES



KEY PLAN

N

10' 0' 10' 20'

SCALE: 1"=10'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

A1 / C-126 SITE LAYOUT PLAN 6
SCALE: 1" = 10'

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

SITE LAYOUT PLAN 6

Date:	2025/02
Designed by:	ZS
Drawn by:	ZS
Chkd by:	JH
Reviewed by:	EN
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
M&N Project No.	202000
Drawing scale:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev.	-

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

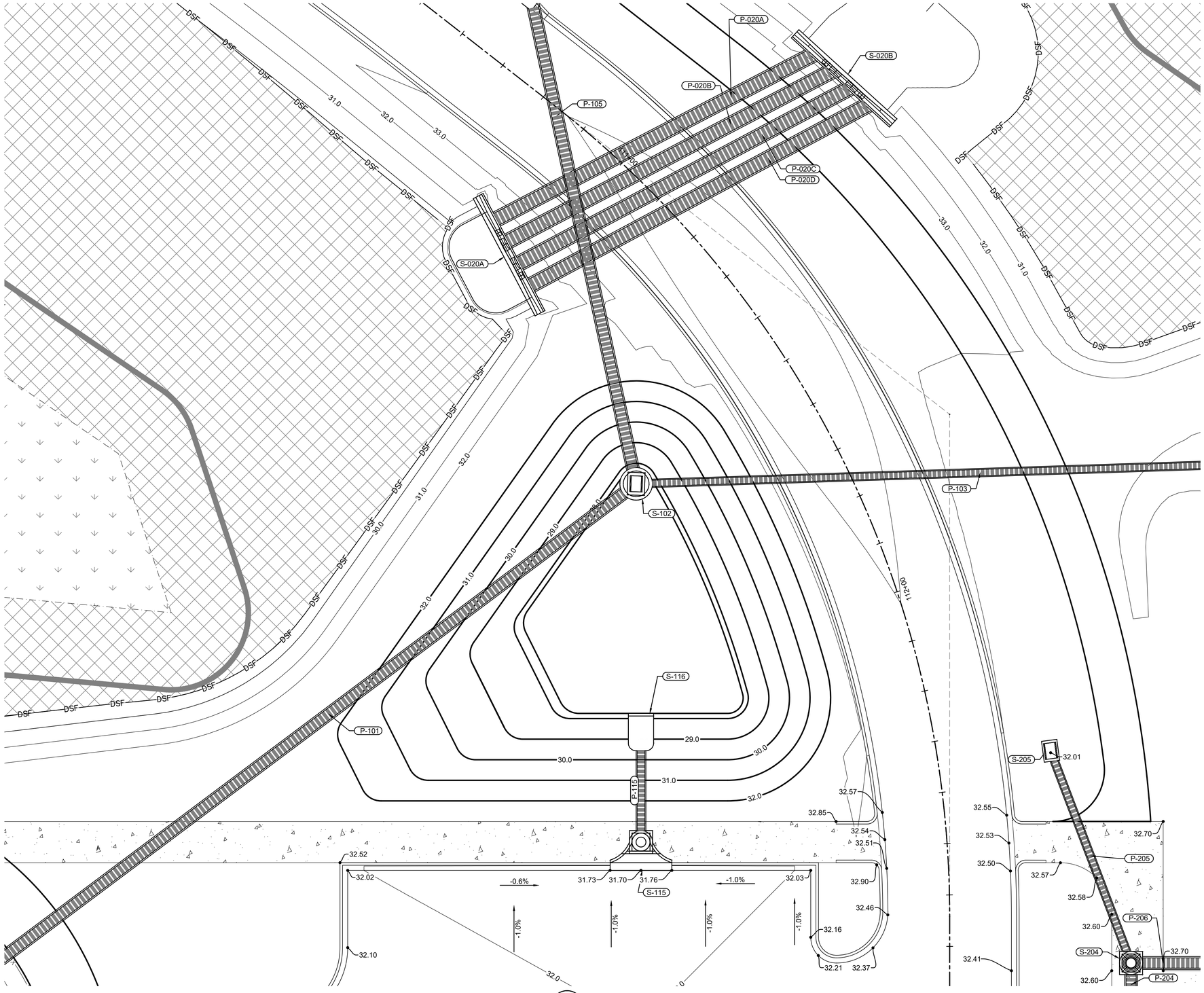
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet
Reference No.
C-126
INDEX: 36 OF 65

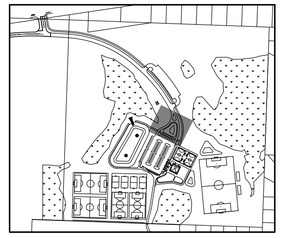
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



LEGEND

- WETLANDS
- WETLAND BUFFER (15' MIN)
- DSF — DOUBLE SILT FENCE W/ HAY BALES
- XX.XX — PROPOSED GROUND ELEVATION



KEY PLAN

N

10' 0' 10' 20'

SCALE: 1"=10'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

A1 / C-221 GRADING & DRAINAGE PLAN 1
SCALE: 1" = 10'

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

GRADING & DRAINAGE PLAN 1

moffatt & nichol
100 NORTH SPRING STREET SUITE 2 PENSACOLA, FL 32502

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

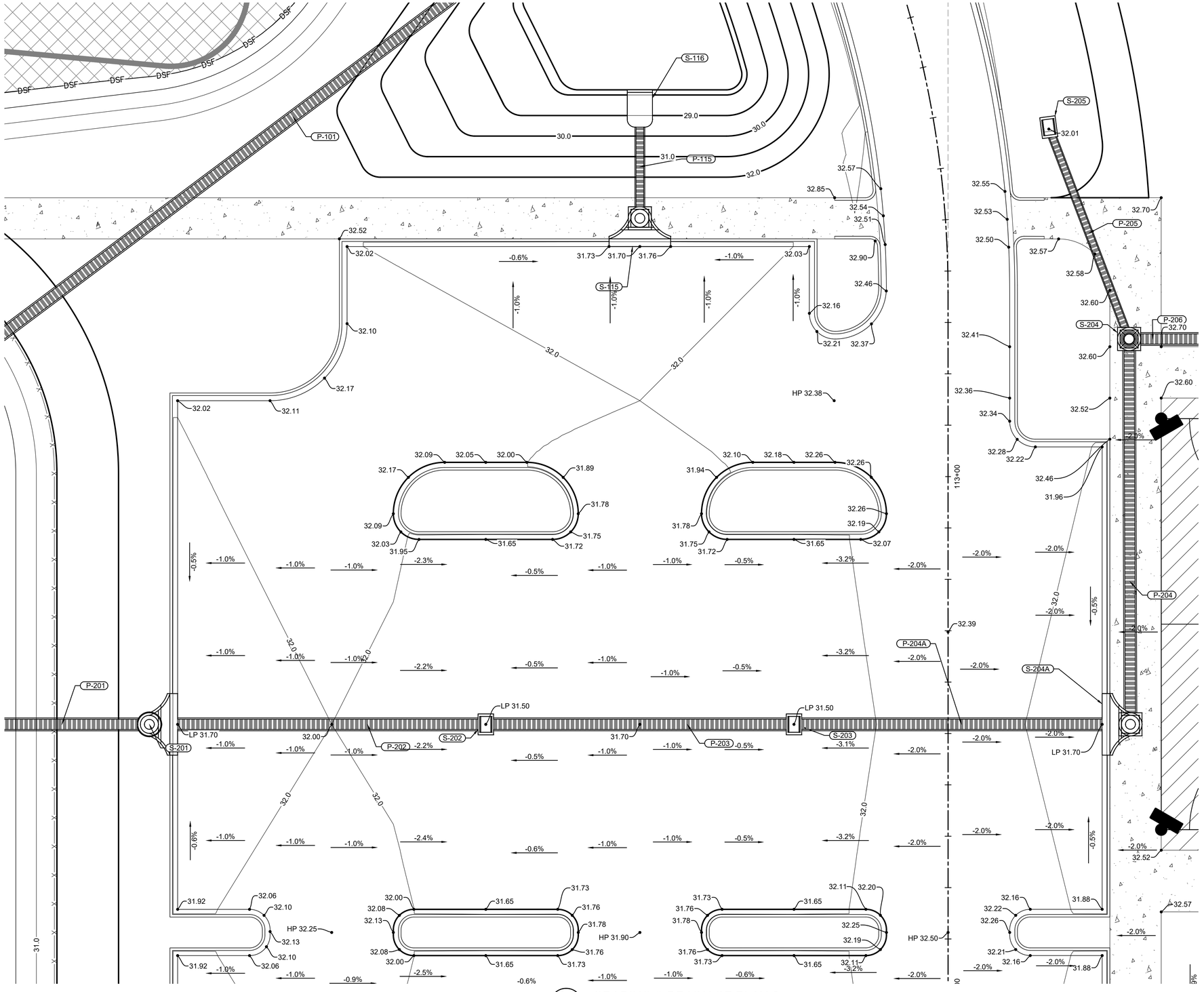
ZACKARY W. STUHR — LICENSE No. 77671 — STATE OF FLORIDA — PROFESSIONAL ENGINEER — SEAL

Designed by: ZS
Drawn by: ZS
Reviewed by: EN
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2025/02
Cad by: JH
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (0 SHEET)
Rev. -

Sheet Reference No.
C-221
INDEX: 37 OF 65

File: Q:\ORL\202000\20 CADD_Active_Civil\202000-C-221 ; Plotted: 6/13/2025 10:47 AM by STUHR, ZACK ; Saved: 6/13/2025 9:31 AM by ZSTUHR

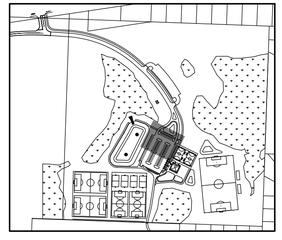
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 C-222 GRADING & DRAINAGE PLAN 2
SCALE: 1" = 10'

LEGEND

- WETLAND BUFFER (15' MIN)
- DSF — DOUBLE SILT FENCE W/ HAY BALES
- XX.XX — PROPOSED GROUND ELEVATION



KEY PLAN

N

10' 0' 10' 20'

SCALE: 1"=10'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

GRADING & DRAINAGE PLAN 2

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502

moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

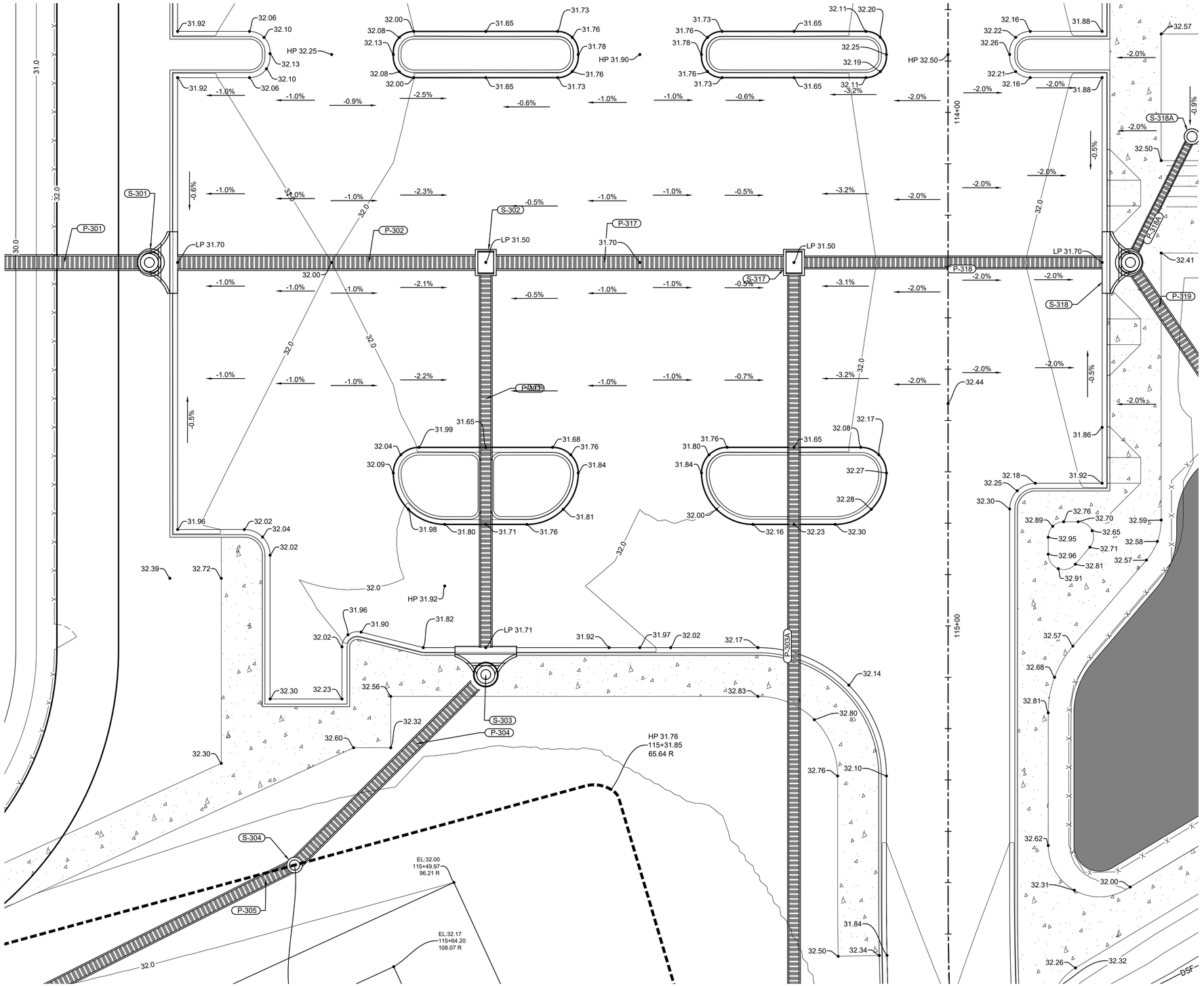
Designed by:	ZS
Drawn by:	ZS
Checked by:	JH
Reviewed by:	EN
Submitted by:	SUBMITTERS NAME MOFFATT & NICHOL
Date:	2025/02
M&N Project No.	202000
Drawing scale:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev.	-

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
C-222
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File: Q:\ORL\202000\120 CADD_Active_Civil\202000-C-222 - Plotted: 6/13/2025 10:48 AM by STUHR, ZACK - Saved: 6/13/2025 9:30 AM by ZSTUHR

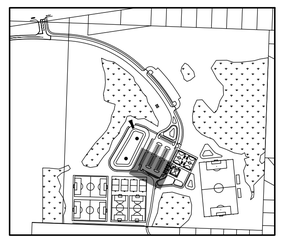
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 C-223 GRADING & DRAINAGE PLAN 3
SCALE: 1" = 10'

LEGEND

XX.XX PROPOSED GROUND ELEVATION



KEY PLAN

N

10' 0' 10' 20'

SCALE: 1"=10'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

GRADING & DRAINAGE PLAN 3

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

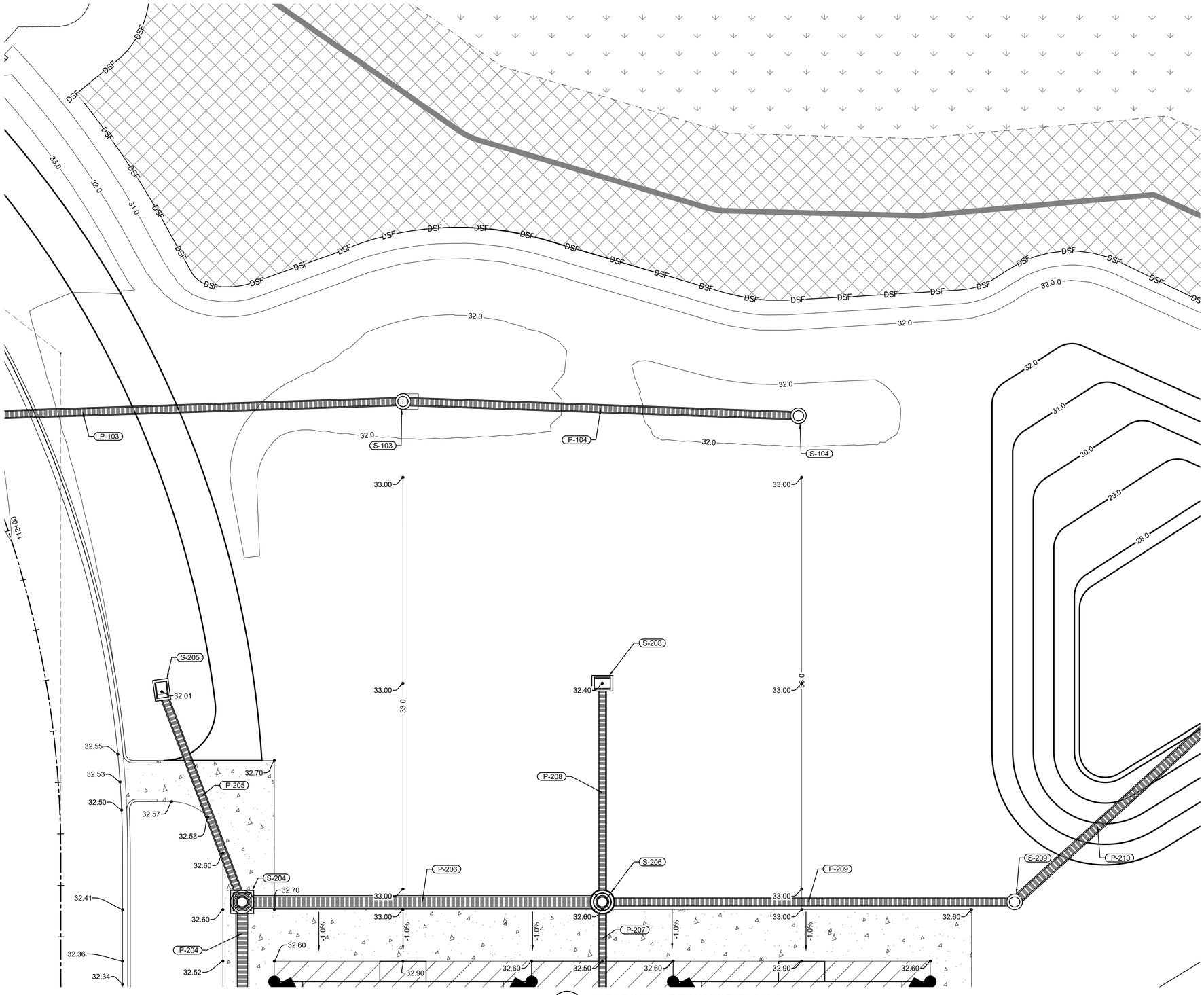
Designed by:	ZS
Drawn by:	ZS
Cad by:	JH
Reviewed by:	EN
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	2025/02
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev:	-

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet
Reference No.
C-223
INDEX: 39 OF 65

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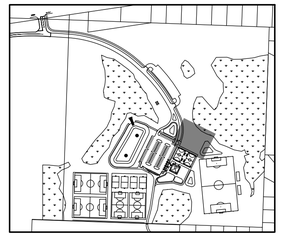
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 C-224 GRADING & DRAINAGE PLAN 4
SCALE: 1" = 10'

LEGEND

- WETLANDS
- WETLAND BUFFER (15' MIN)
- SF — SILT FENCE
- DSF — DOUBLE SILT FENCE W/ HAY BALES
- XX.XX PROPOSED GROUND ELEVATION



KEY PLAN

N

10' 0' 10' 20'

SCALE: 1"=10'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

GRADING & DRAINAGE PLAN 4

Designed by: ZS	Dwn by: ZS	Cckd by: JH	Reviewed by: EN
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL			
Date: 2025/02	M&N Project No. 202000	Drawing code:	Rev. -
Drawing Scale: Plot scale: 1:1 (D SHEET)			

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

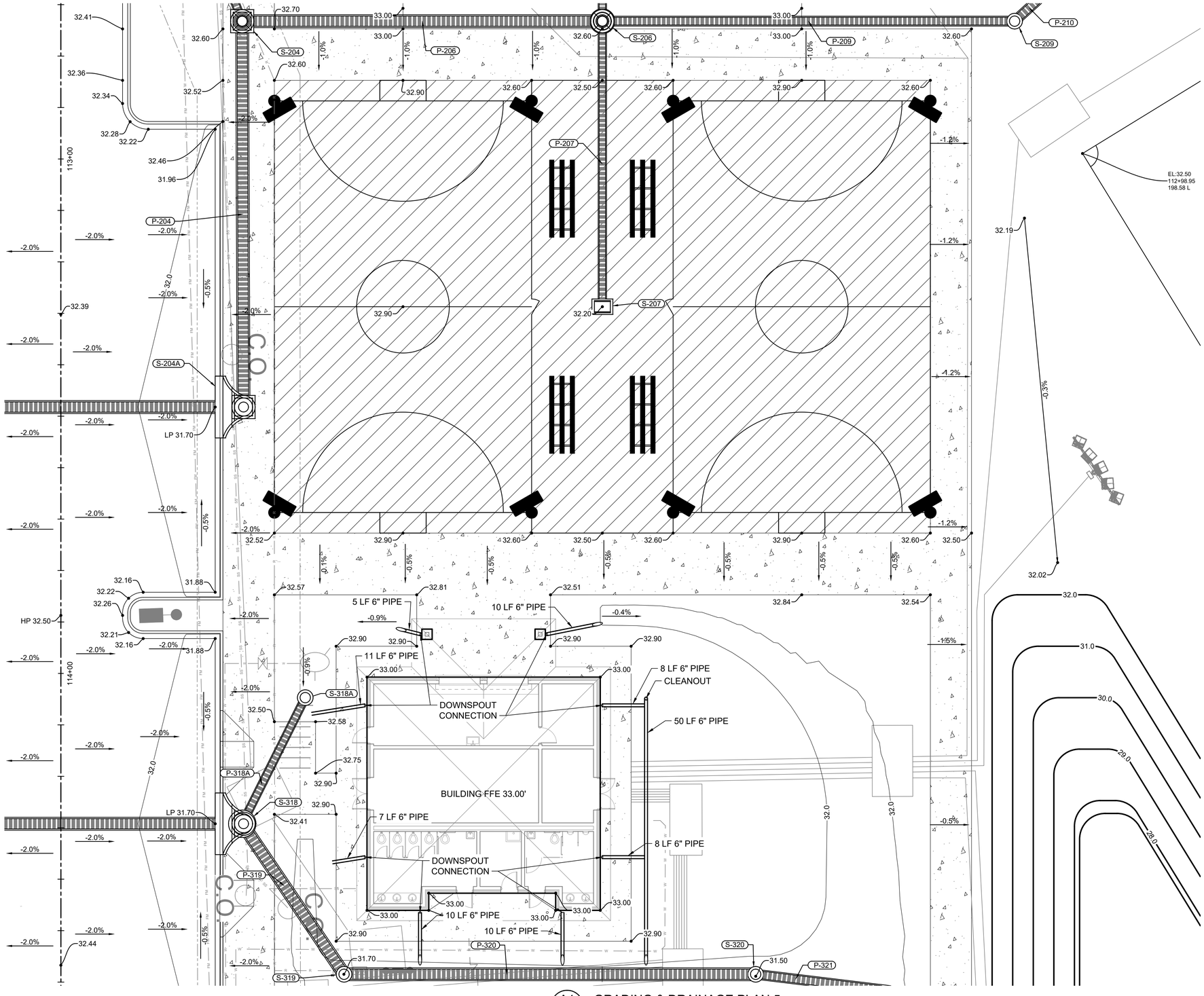
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
C-224
INDEX: 40 OF 65

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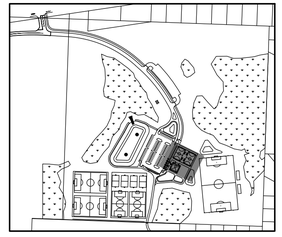
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 / C-225 GRADING & DRAINAGE PLAN 5
SCALE: 1" = 10'

LEGEND

XX.XX PROPOSED GROUND ELEVATION



KEY PLAN

N

10' 0' 10' 20'

SCALE: 1"=10'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

GRADING & DRAINAGE PLAN 5

Designed by: ZS
Drawn by: ZS
Checked by: JH
Reviewed by: EN
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2025/02
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev. -

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
C-225
INDEX: 41 OF 65

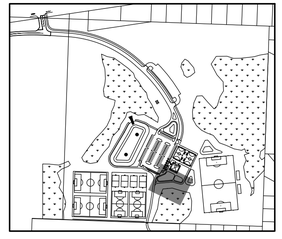
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



LEGEND

- WETLANDS
- WETLAND BUFFER (15' MIN)
- SF — SILT FENCE
- DSF — DOUBLE SILT FENCE W/ HAY BALES
- XX.XX — PROPOSED GROUND ELEVATION



KEY PLAN

N

10' 0' 10' 20'

SCALE: 1"=10'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

A1 C-226 GRADING & DRAINAGE PLAN 6
SCALE: 1" = 10'

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

GRADING & DRAINAGE PLAN 6

Date:	2025/02
Designed by:	ZS
Drawn by:	ZS
Checked by:	JH
Reviewed by:	EN
Submitted by:	SUBMITTERS NAME MOFFATT & NICHOL
M&N Project No.	202000
Drawing scale:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev.	-

moffatt & nichol
100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502

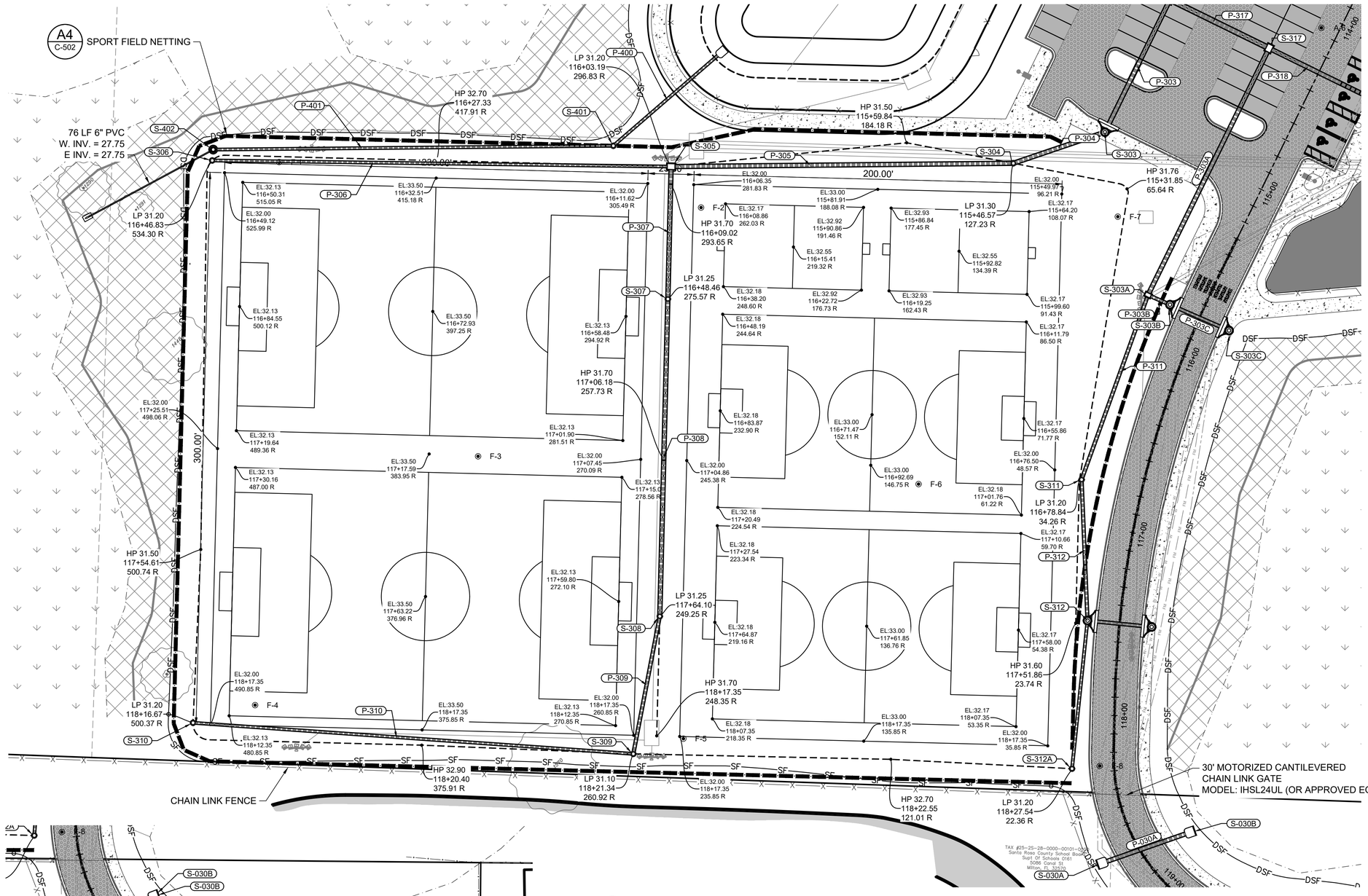
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
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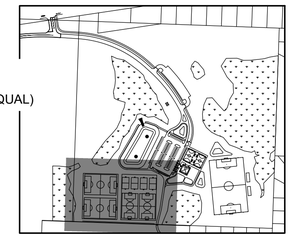
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



LEGEND

- B1 / C-010 — 2.5" ASPHALT W/ 8" BASE
- A1 / C-010 — 1.5" ASPHALT W/ 6" BASE
- A2 / C-010 — 4" CONCRETE SIDEWALK
- WETLANDS
- WETLAND BUFFER (15' MIN)
- SF — SILT FENCE
- DSF — DOUBLE SILT FENCE W/ HAY BALES
- A4 / C-502 — SPORTS FIELD NETTING

KEY PLAN



N

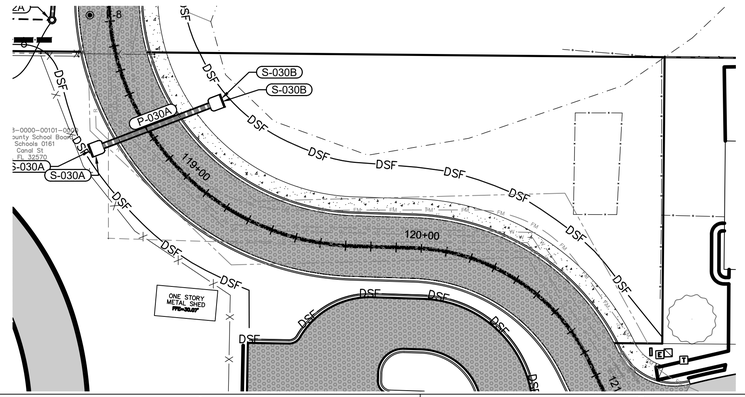
30' 0' 30' 60'

SCALE: 1"=30'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

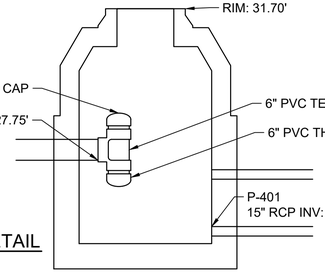
A1 / C-231 SPORT FIELDS LAYOUT & GRADING PLAN 1

SCALE: 1" = 30'



A3 / C-231 STRUCTURE S-402 DETAIL

SCALE: NTS



*THE BASE BID ORIFICE SHALL BE A 2-1/8" DIA. HOLE. IF THE PHASE 2 BID ALTERNATE EXPANSION ON SHEETS C-601 TO C-604 IS CONSTRUCTED, THE ORIFICE SHALL BE ENLARGED TO 2-1/2" DIA. HOLE.

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Rev.	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

SPORT FIELDS LAYOUT & GRADING PLAN 1

moffatt & nichol
100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

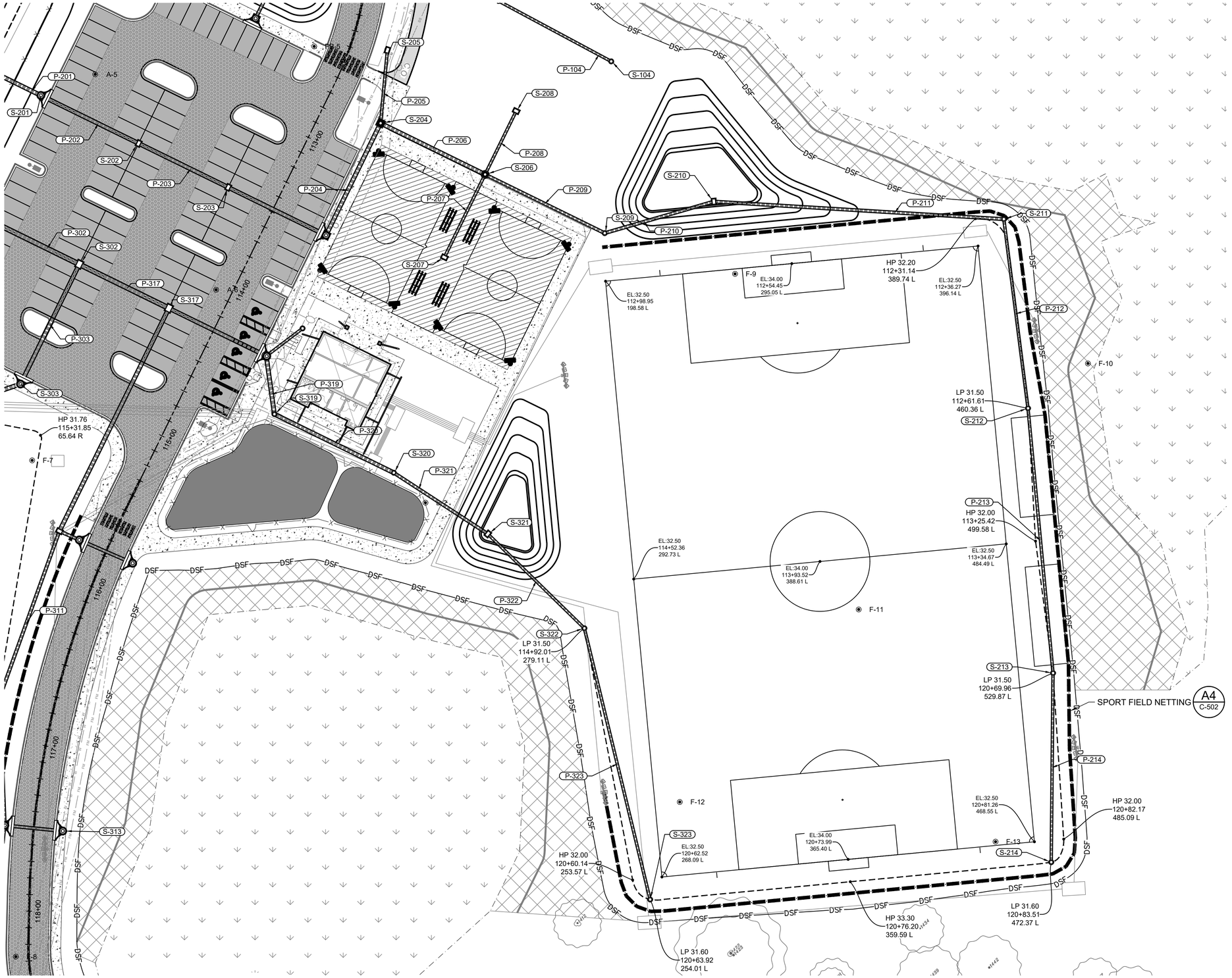
Designed by:	Drawn by:	Reviewed by:	Submitted by:	Date:	Rev.
ZS	ZS	EN	SUBMITTER'S NAME MOFFATT & NICHOL	2025/02	-

Ckd by:	MBN Project No.	Drawing code:	Drawing Scale:	Plot scale:
JH	202000			1:1 (D SHEET)

Sheet Reference No.
C-231
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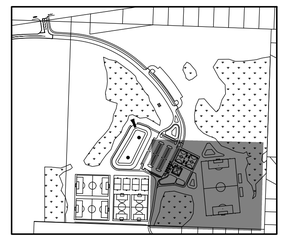
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 C-232 SPORT FIELDS LAYOUT & GRADING PLAN 2
SCALE: 1" = 30'

LEGEND

- B1 / C-010 — 2.5" ASPHALT W/ 8" BASE
- A1 / C-010 — 1.5" ASPHALT W/ 6" BASE
- A2 / C-010 — 4" CONCRETE SIDEWALK
- A3 / C-010 — 1.5" ASPHALT W/ 4.5" BASE
- WETLANDS
- WETLAND BUFFER (15' MIN)
- SF — SILT FENCE
- DSF — DOUBLE SILT FENCE W/ HAY BALES
- A4 / C-502 — SPORTS FIELD NETTING



KEY PLAN

N

30' 0' 30' 60'

SCALE: 1"=30'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

SPORT FIELDS
LAYOUT & GRADING
PLAN 2

Date: 2025/02
Rev. -
M&N Project No. 202000
Drawing scale:
Designed by: ZS
Drawn by: ZS
Chkd by: JH
Reviewed by: EN
Drawing Scale:
Plot scale: 1:1 (0 SHEET)
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

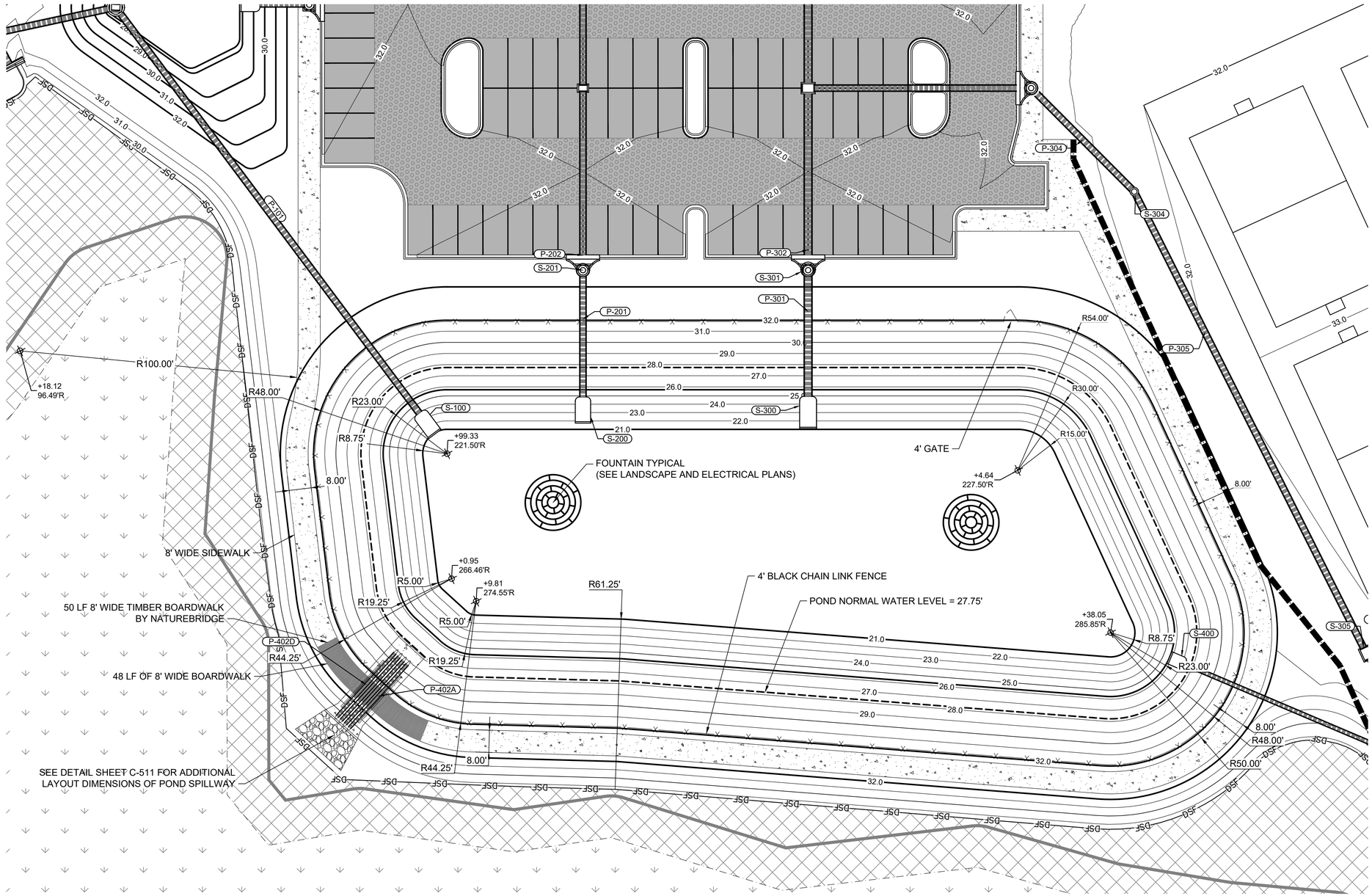
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
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File: C:\ORL\202000\20 CADD_Active_Civil\202000-C-232 - Plotted: 6/13/2025 10:50 AM by STUHR, ZACK - Saved: 6/13/2025 9:30 AM by ZSTUHR

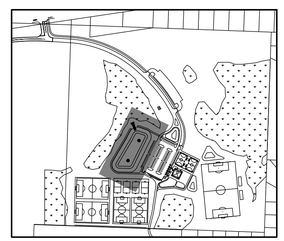
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



LEGEND

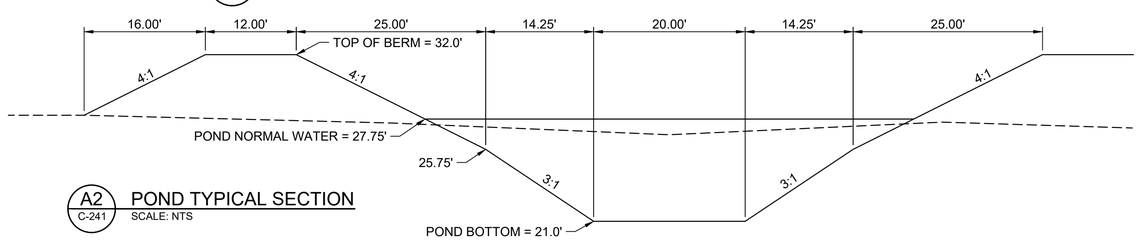
- B1 / C-010 — 2.5" ASPHALT W/ 8" BASE
- A1 / C-010 — 1.5" ASPHALT W/ 6" BASE
- A2 / C-010 — 4" CONCRETE SIDEWALK
- WETLANDS
- WETLAND BUFFER (15' MIN)
- DSF — DOUBLE SILT FENCE W/ HAY BALES

NOTE:
THE POND CONTROL STRUCTURE IS INSIDE STORM STRUCTURE S-402 LOCATED ON SHEET C-231. SEE THE DETAIL A3/C-231 FOR ORIFICE DIAMETER AND INVERT ELEVATION.



KEY PLAN

A1 / C-241 — POND LAYOUT & GRADING PLAN
SCALE: 1" = 20'



A2 / C-241 — POND TYPICAL SECTION
SCALE: NTS

N

20' 0' 20' 40'

SCALE: 1"=20'

JUNE 2025
ISSUED FOR BID
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SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

POND LAYOUT & GRADING PLAN

Rev.: -
Date: 2025/02
M&N Project No.: 202000
Drawing scale:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Designed by: ZS
Drawn by: ZS
Cad by: JH
Reviewed by: EN
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

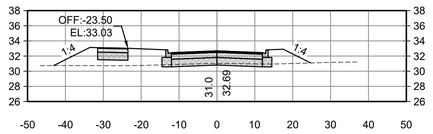
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

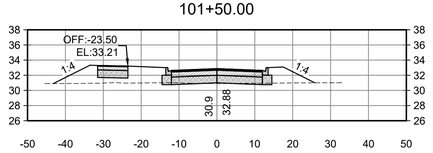
ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

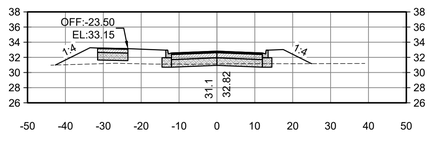
Sheet Reference No.
C-241
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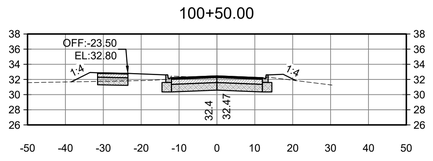
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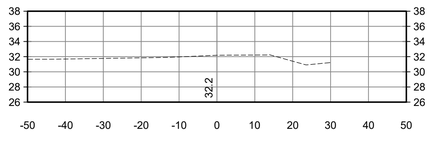
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

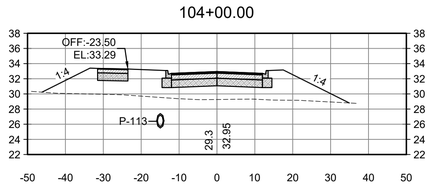


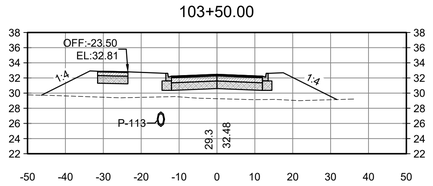


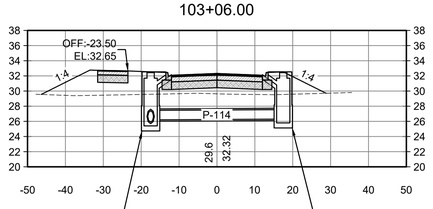


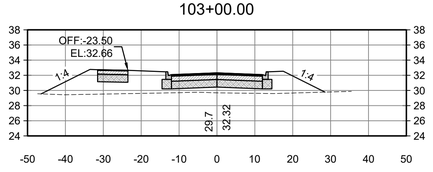


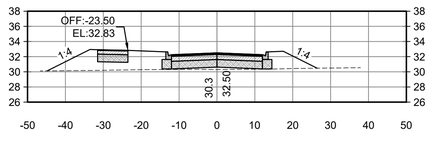


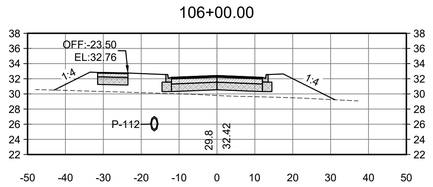


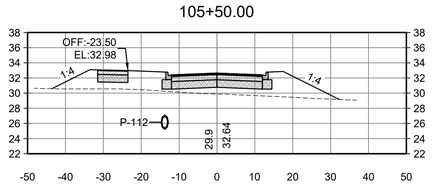


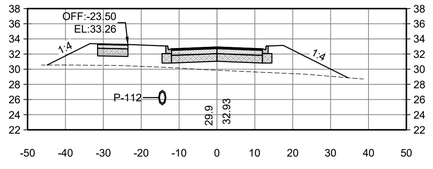


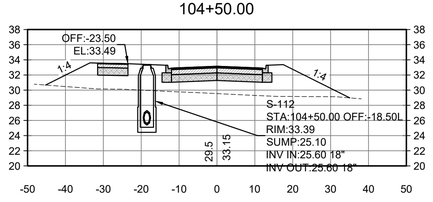


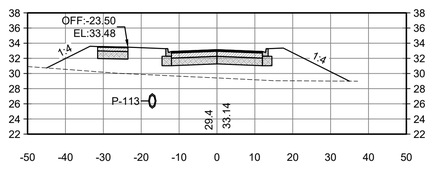












JUNE 2025
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SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

ROAD CROSS SECTIONS

Rev.	-
Date:	2025/02
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Designed by:	ZS
Dwn by:	ZS
Ckd by:	JH
Reviewed by:	EN
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

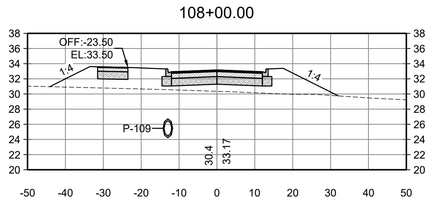
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

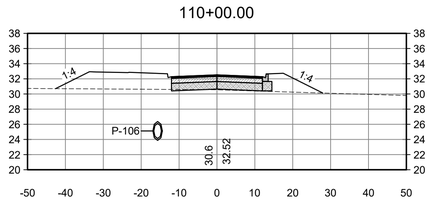
ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

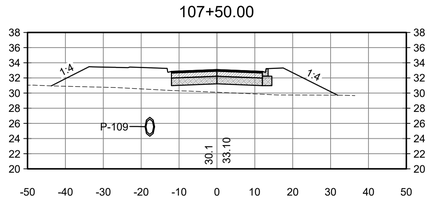
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Reference No.
C-301
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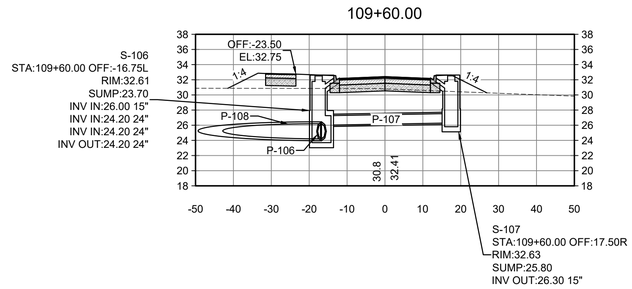
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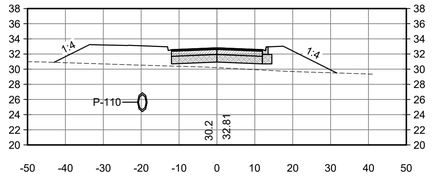
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

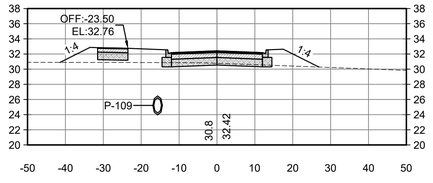


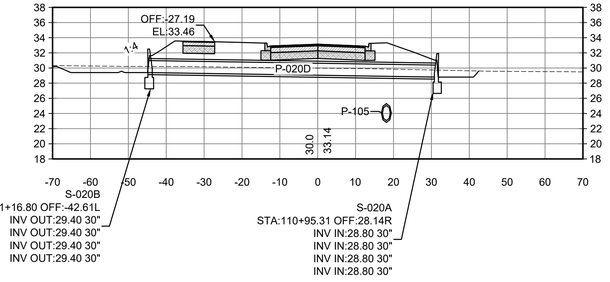


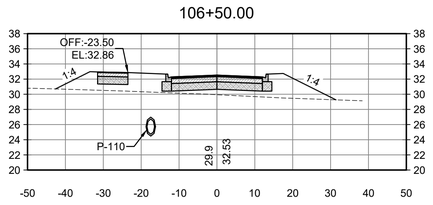


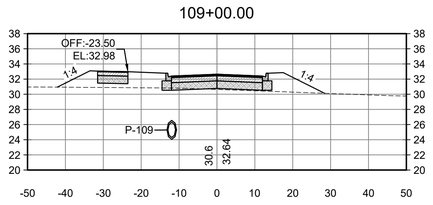


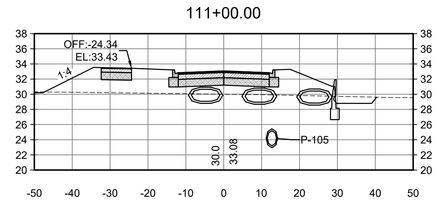


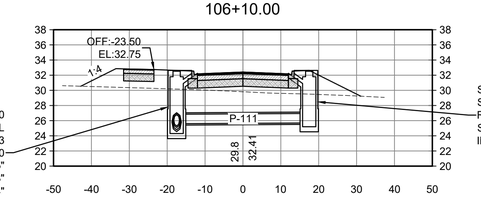


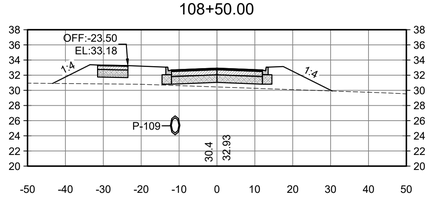


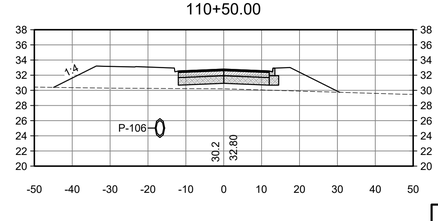












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-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

ROAD CROSS SECTIONS

Rev: -
Date: 2025/02
M&N Project No. 202000
Drawing scale:
Drawing Scale:
Plot scale: 1:1 (0 SHEET)
Designed by: ZS
Drawn by: ZS
Checked by: JH
Reviewed by: EN
Submitted by: SUBMITTERS NAME MOFFATT & NICHOL

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

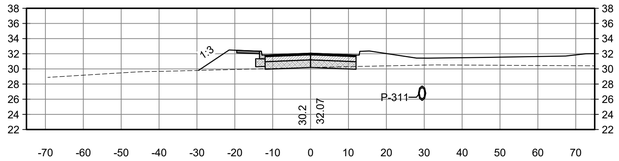
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

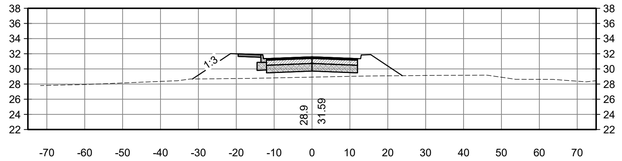
ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

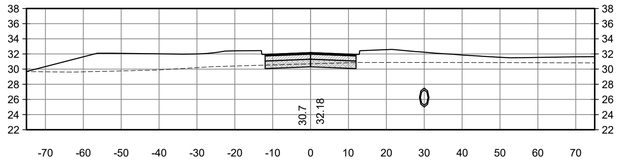
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Reference No.
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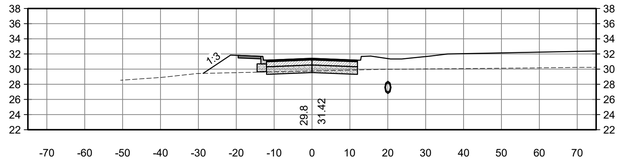
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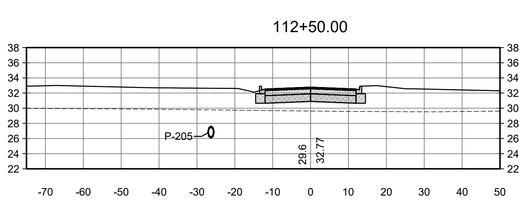
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

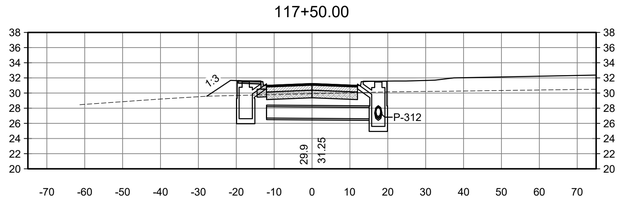


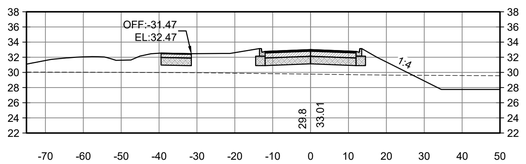


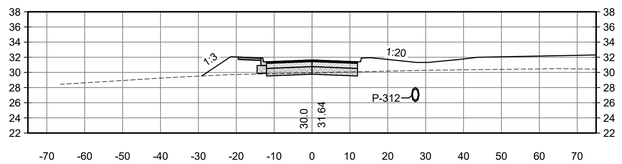


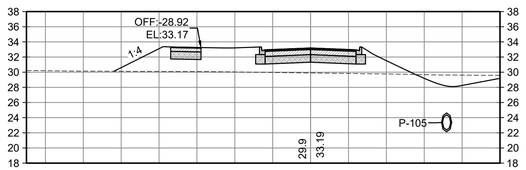


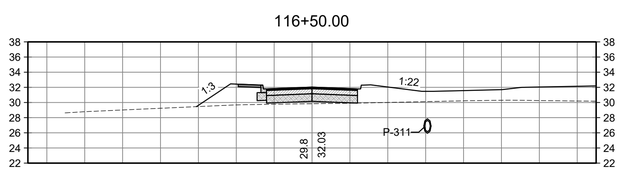












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SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

ROAD CROSS SECTIONS

Designed by: ZS
Drawn by: ZS
Reviewed by: EN
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Cad by: JH
Date: 2025/02
M&M Project No. 202000
Drawing scale:
Drawing Scale:
Plot scale: 1:1 (0 SHEET)
Rev: -

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

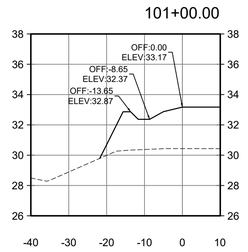
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

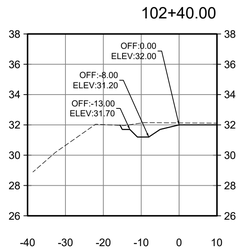
ZACKARY W. STUHR
LICENSE
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SEAL

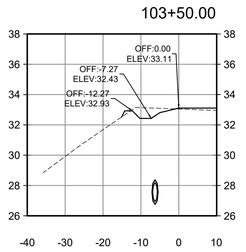
Sheet Reference No.
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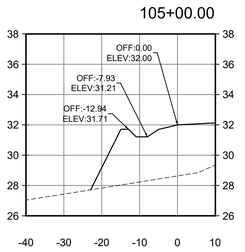
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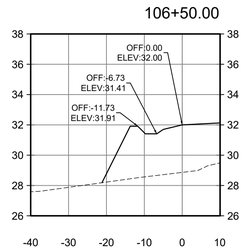
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

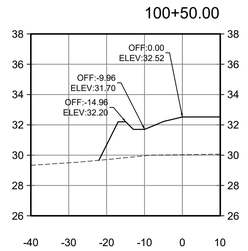


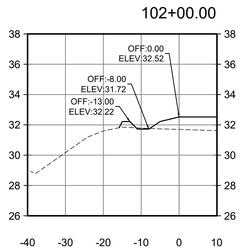


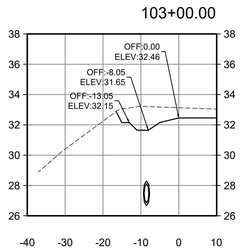


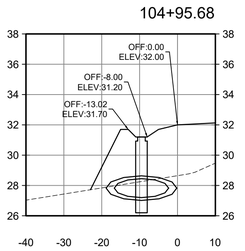


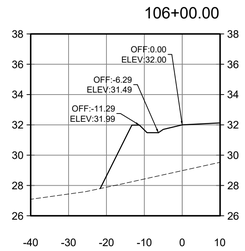


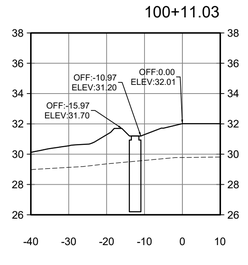


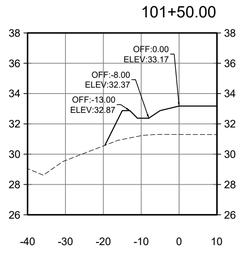


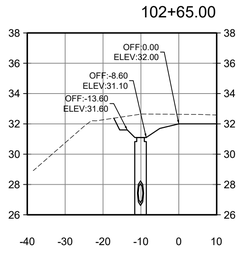


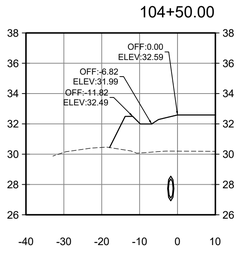


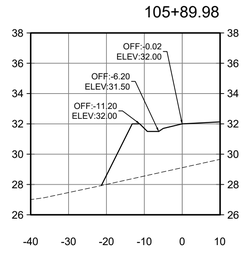


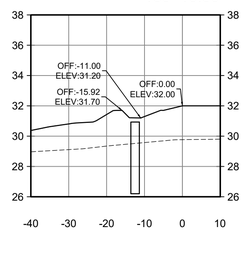


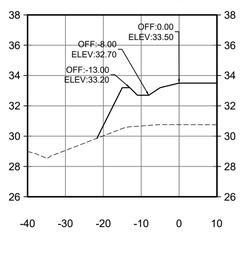


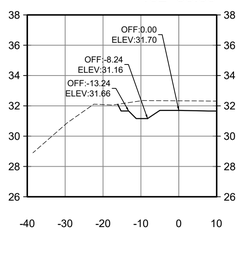


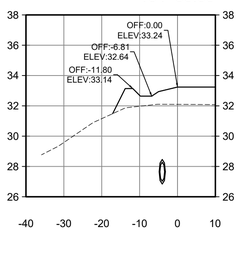


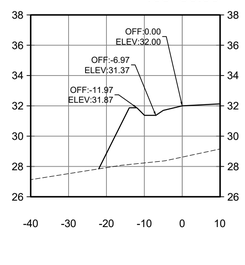












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SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

SPORT FIELD SECTIONS

Designed by: ZS
Drawn by: ZS
Cad by: JH
Reviewed by: EN
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2025/02
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (0 SHEET)
Rev: -

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

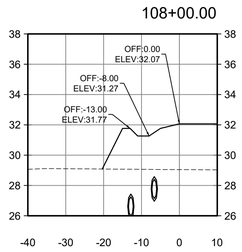
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

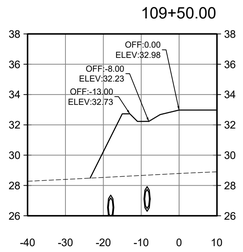
ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

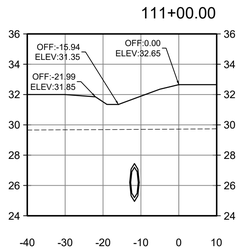
Sheet Reference No.
C-321
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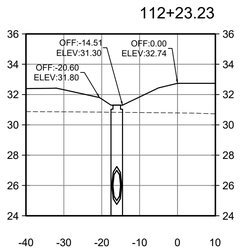
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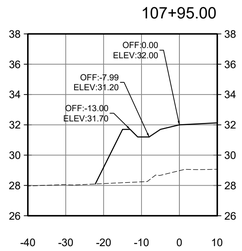
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

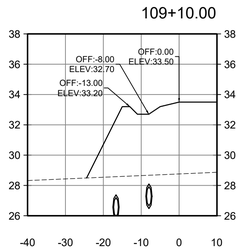


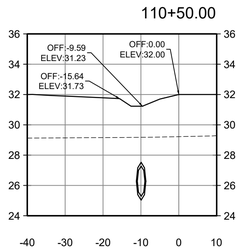


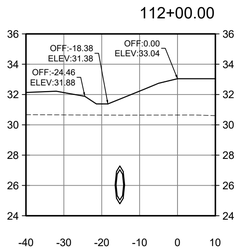


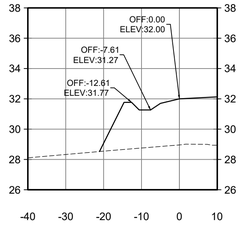


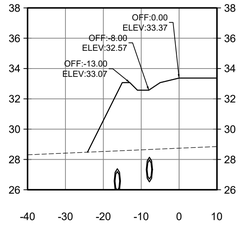


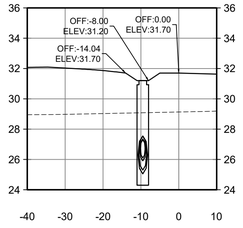


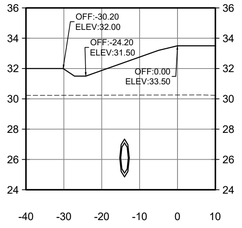


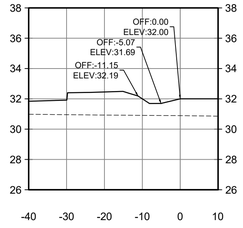


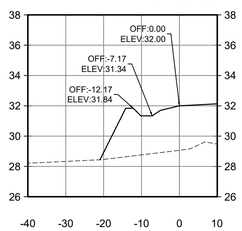


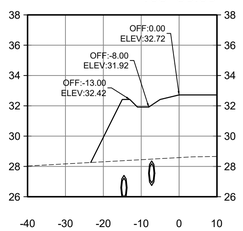


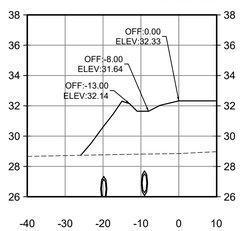


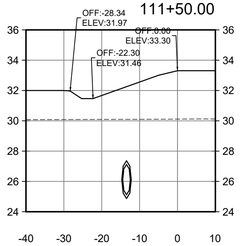


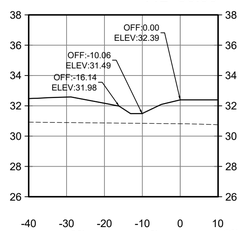












SCALE: 1"=20'

JUNE 2025
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SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

SPORT FIELD SECTIONS

Rev:	-
Date:	2025/02
M&N Project No.	202000
Drawing code:	
Drawing Scale:	1:1 (0 SHEET)
Plot scale:	1:1 (0 SHEET)
Designed by:	ZS
Dwn by:	ZS
Cad by:	JH
Reviewed by:	EN
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL

moffatt & nichol
100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502

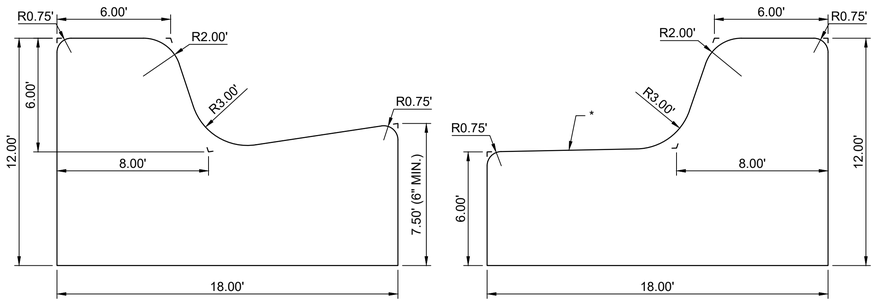
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet
Reference No.
C-322
INDEX: 50 OF 65

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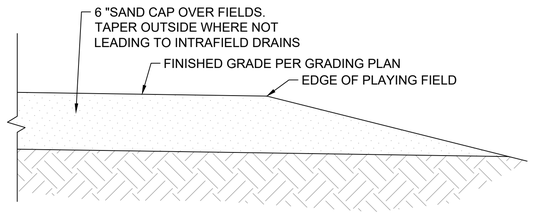
STANDARD HIGH SIDE

D1 C-501 MODIFIED TYPE F CURB
SCALE: NTS

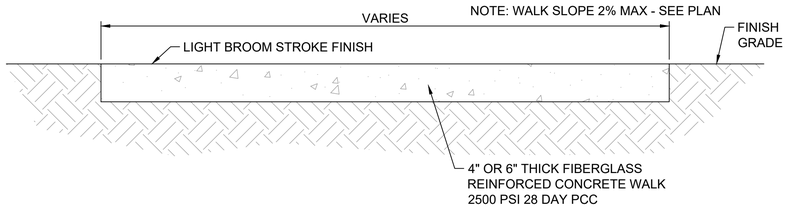
GENERAL CURB NOTES:

1) FOR CURB, GUTTER, AND CURB & GUTTER PROVIDE ⅛" - ¼" CONTRACTION JOINTS AT 10' CENTERS (MAX.). CONTRACTION JOINTS ADJACENT TO CONCRETE PAVEMENT ON TANGENTS AND FLAT CURVES ARE TO MATCH THE PAVEMENT JOINTS, WITH INTERMEDIATE JOINTS NOT TO EXCEED 10' CENTERS. CURB, GUTTER, AND CURB & GUTTER EXPANSION JOINTS SHALL BE LOCATED IN ACCORDANCE WITH SPECIFICATION 520.

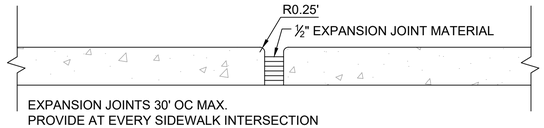
* WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATC HTHE CROSS SLOPE OF THE ADJACENT PAVEMENT. THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON PLANS.



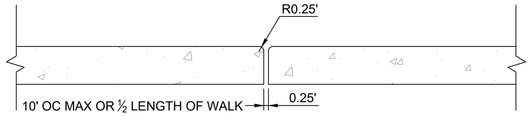
C1 C-501 FIELD SECTION DETAIL
SCALE: NTS



WALK SECTION



EXPANSION JOINT

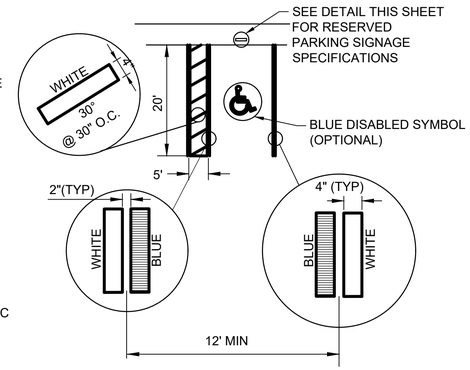


CONSTRUCTION JOINT

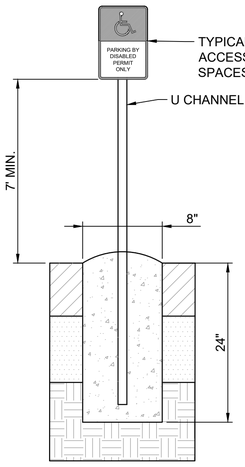
C4 C-501 SIDEWALK DETAILS
SCALE: NTS

NOTES:

1. EACH SUCH PARKING SPACE SHALL BE CONSPICUOUSLY OUTLINED IN BLUE PAINT, AND SHALL BE POSTED AND MAINTAINED WITH A PERMANENT, ABOVE GRADE SIGN BEARING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY, OR THE CAPTION "PARKING BY DISABLED PERMIT ONLY." OR BEARING BOTH SUCH SYMBOL AND CAPTION. SUCH SIGNS SHALL NOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE. ALL HANDICAPPED PARKING SPACES MUST BE SIGNED AND MARKED IN ACCORDANCE WITH THE STANDARDS ADOPTED BY THE DEPARTMENT OF TRANSPORTATION.
2. FDOT RECOMMENDS MEASURING PARKING SPACE WIDTH FROM CENTER TO CENTER BETWEEN BLUE AND WHITE STRIPES.
3. BLUE AND WHITE STRIPING SHALL BE SOLID NON-REFLECTIVE TRAFFIC PAINT. STRIPING SHALL HAVE TWO COATS OF PAINT, ALKYD BASE SYNTHETIC RESIN, FED. SPEC. TTP-115 TYPE 1 (OR APPROVED EQUIVALENT).

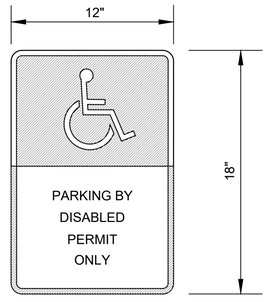


A1 C-501 ACCESSIBLE PARKING STRIPING DETAIL
SCALE: NTS



NOTES:

1. ALL LETTERS SHALL BE BLACK AND 1" IN HEIGHT. LETTERS ARE TO BE SERIES "C", PER MUTCD.
2. SIGN SHALL HAVE REFLECTORIZED (ENGINEERING GRADE) BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND AND BORDER.
3. ONE SIGN REQUIRED FOR EACH PARKING SPACE.
4. HEIGHT OF SIGN SHALL BE IN ACCORDANCE WITH SECTION 24-23 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)



A3 C-501 ACCESSIBLE PARKING SIGN
SCALE: NTS

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Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

CIVIL DETAILS

moffatt & nichol
100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

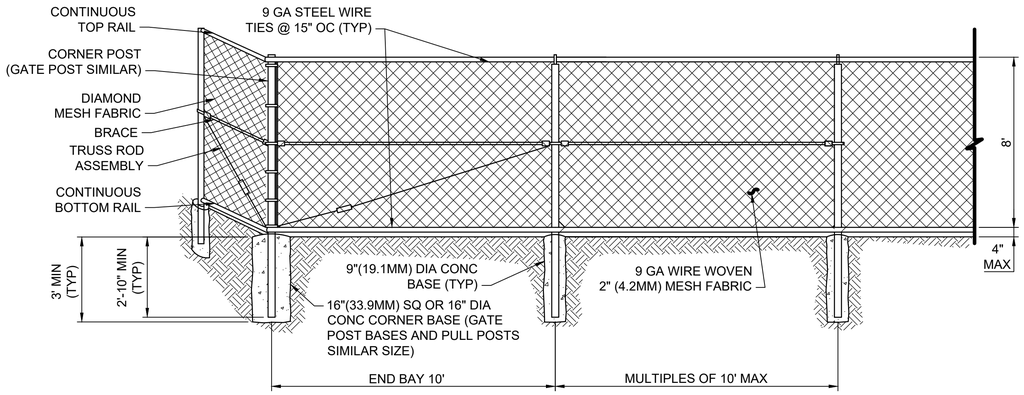
ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Rev:	-
Date:	2025/02
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Designed by:	ZS
Cad by:	JH
Dwn by:	ZS
Reviewed by:	EN
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL

Sheet Reference No.
C-501
INDEX: 51 OF 65

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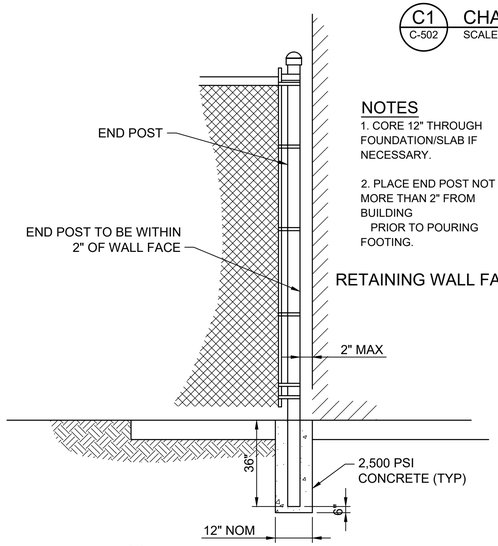


C1 C-502 **CHAIN LINK FENCE DETAIL**
SCALE: NTS

FENCING SPECIFICATIONS	
FABRIC	K&K, 2"x9" GAUGE 2 OZ. G.A.W.
TOP RAIL	1 5/8" O.D. SS20
LINEPOST	2" O.D. SS20
TERMPOST	3" O.D. SS20
GATEPOST	3" O.D. SS20
DRIVE GATEPOST	4" O.D. SS20
GATEFRAME	1 5/8" O.D. W/ CENTER BRACE SS20
DRIVE GATEFRAME	2" O.D. SS20
TIES	9 GAUGE ALUMINUM
TENSION WIRE	7 GAUGE SPRING STEEL
ALL CAP & HARDWARE	GALVANIZED STEEL
POST SETTINGS	10' ON CENTER AND FULL DEPTH IN CONCRETE OF 2,500 LD PSI
CORNER BRACING & TIES	18" ON CENTER
POST DEPTH	LINEPOST, 6"x36"; CORNER, 8"x36"
DRIVE GATEFRAME	GATES, 12"x36"

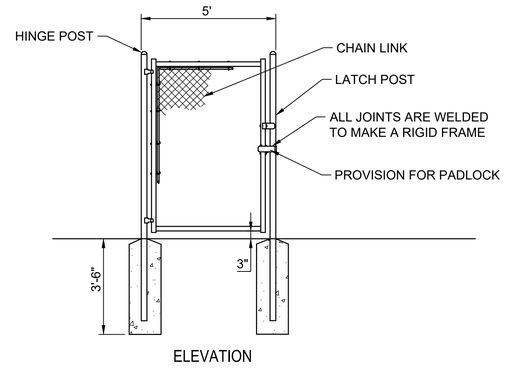
FENCE NOTES:

1. ALL PIPE FRAMEWORK AND OTHER FERROUS MATERIALS SHALL BE HOT DIP GALVANIZED, UNLESS OTHERWISE NOTED.
2. PULL POSTS SHALL BE INSTALLED AT 500 FOOT INTERVALS ON STRAIGHT RUNS.
3. GATE POST ASSEMBLIES SHALL CONSIST OF A BRACE POST AND CORNER, END, OR PULL POST WITH BRACE AND TRUSS ROD ON EACH SIDE OF THE GATE.
4. CONNECTIONS TO EXISTING FENCES OR BUILDINGS SHALL BE MADE BY SETTING AN ANCHOR POST WITH BRACE ASSEMBLY AT FENCE JUNCTION.
5. ALL FENCE AND GATES TO BE GROUNDED IN ACCORDANCE WITH THE SPECIFICATIONS.
6. DIMENSIONS: ALL DIMENSIONS, SIZES, GAUGES, WEIGHTS OR THICKNESSES SHOWN ARE THE MINIMUM ACCEPTABLE, UNLESS OTHERWISE INDICATED.
7. SPECIFICATIONS: MATERIALS AND CONSTRUCTION METHODS NOT DETAILED HEREON SHALL BE IN ACCORDANCE WITH THE FAA SPECIFICATION F-162 UNLESS OTHERWISE NOTED ON THE CONTRACT PLANS. FAA SPECIFICATIONS SHOWN ARE FROM THE FEDERAL AVIATION ADMINISTRATION STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS. THE FEDERAL SPECIFICATION F-162 SHALL BE INTERPRETED TO MEAN THE LATEST ISSUE OR AMENDMENT OF SUCH SPECIFICATION IN EFFECT ON THE DATE OF PLAN APPROVAL.
8. FABRIC INSTALLATION: WIRE OR FABRIC ON BOUNDARY AND SECURITY FENCES AND GATES SHALL BE ON THE SIDE OF POSTS AWAY FROM AOA.
9. CONCRETE: CONCRETE SHALL BE OF A COMMERCIAL GRADE WITH A MINIMUM 28 DAY STRENGTH OF 2500 P.S.I. FOOTING TOPS SHALL BE 1-INCH MINIMUM ABOVE GROUND AT THE POST, AND TROWEL FINISHED TO SLOPE AWAY FROM THE POST.
10. OPENINGS UNDER FENCE: ANY OPENING UNDER FENCES, WHEREIN THE BOTTOM FENCE WIRE IS MORE THAN 4 INCHES ABOVE GROUND AND THE TOTAL AREA OF OPENING IS 96 SQUARE INCHES OR MORE, SHALL BE CLOSED. OPENINGS LESS THAN 18 INCHES HIGH SHALL BE CLOSED BY INSTALLING ONE OR MORE ADDITIONAL LINE POSTS BETWEEN THE OPENING CENTER AND ADJACENT LINE POSTS AT A 6-INCH MAXIMUM VERTICAL SPACING. THIS WORK SHALL BE INCIDENTAL TO FENCE INSTALLATION COSTS.
11. GROUND RODS, CHAIN LINK FENCE ONLY: EACH GATE LEAF FRAME SHALL BE CONNECTED TO THE GATE POST BY A BRAIDED, FLEXIBLE COPPER STRAP. EACH GATE POST SHALL BE GROUNDED. GROUND RODS SHALL BE 3/4-INCH BY 10-FEET MINIMUM SIZE, COPPER OR COPPER CLAD. GROUND CABLE SHALL BE NO. 6 AWG MINIMUM BARE STRANDED COPPER CLAD WIRE. CONNECTIONS TO GATE AND RODS SHALL BE MADE WITH SUITABLE NON-CORROSIVE METAL CLAMPS, LUGS OR CONNECTORS. RESISTANCE TO GROUND OF EACH GROUND ROD SHALL BE 5 OHMS OR LESS AS MEASURED WITH A CALIBRATED BIDDLE TEST METER OR EQUIVALENT.
12. FENCE LINE AND ALIGNMENT: FENCE LINES SHALL BE CLEARED OF ALL OBSTRUCTIONS AND SMOOTH GRADED TO THE GENERAL CONTOUR OF THE ADJACENT GROUND. INCIDENTAL TO FENCE COSTS, STUMPS AND ROOTS NOT INTERFERING WITH FENCE CONSTRUCTION, MAY BE CHIPPED TO GROUND LEVEL. THE FENCE SHALL BE CONSTRUCTED VERTICAL, STRAIGHT AND TRUE TO LINE. THE LONGITUDINAL GRADIENT SHALL BE PARALLEL TO THE GENERAL SLOPE OF THE GROUND. CONTRACTOR SHALL LAY OUT THE FENCE ALIGNMENT AS SHOWN ON THE CONSTRUCTION PLANS. THE OWNER'S AUTHORIZED REPRESENTATIVE SHALL APPROVE THE ALIGNMENT OF THE FENCE AND THE GATE LOCATION(S) PRIOR TO CONSTRUCTION.
13. PAVEMENT WIDTHS SHOWN ARE APPROXIMATE. BEFORE ORDERING ANY GATES, CONTRACTOR TO FIELD VERIFY GATE LOCATIONS AND WIDTHS WITH CONTRACTING OFFICER.
14. INSTALL FABRIC ON SIDE AWAY FROM AREA BEING SECURED.



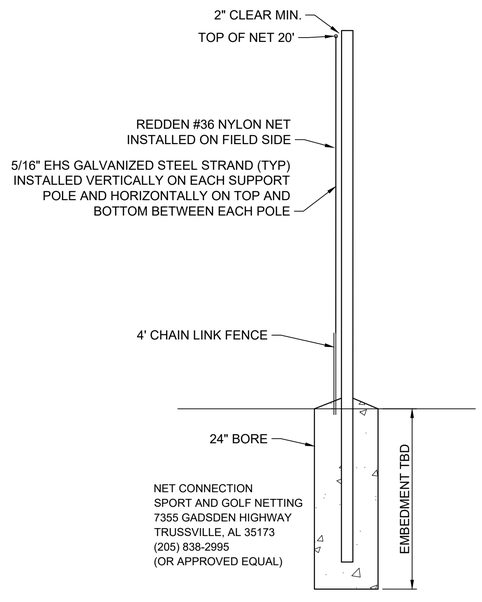
NOTES
1. CORE 12" THROUGH FOUNDATION/SLAB IF NECESSARY.
2. PLACE END POST NOT MORE THAN 2" FROM BUILDING PRIOR TO POURING FOOTING.

B1 C-502 **WALL CONNECTION DETAIL**
SCALE: NTS



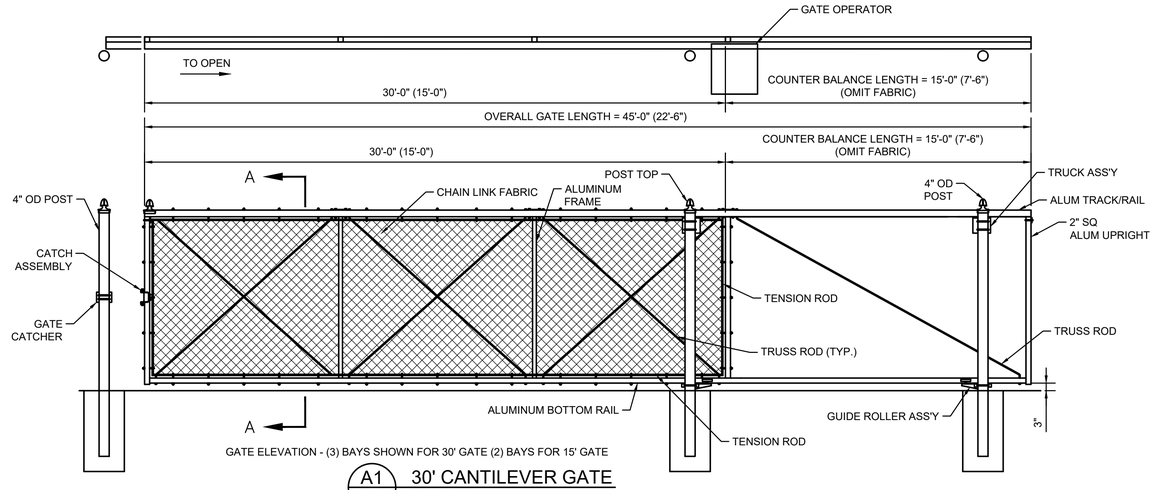
ELEVATION

B2 C-502 **PATHWAY GATE**
SCALE: NTS



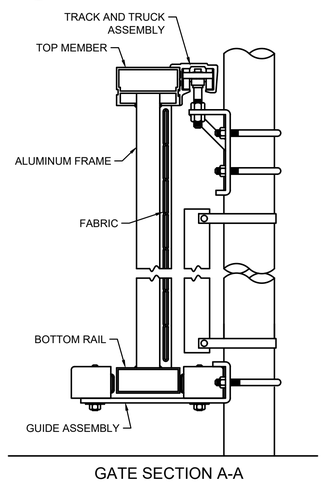
NET CONNECTION
SPORT AND GOLF NETTING
7355 GADSDEN HIGHWAY
TRUSSVILLE, AL 35173
(205) 838-2995
(OR APPROVED EQUAL)

A4 C-502 **SPORT FIELD NETTING DETAIL**
SCALE: NTS



GATE ELEVATION - (3) BAYS SHOWN FOR 30' GATE (2) BAYS FOR 15' GATE

A1 C-502 **30' CANTILEVER GATE**
SCALE: NTS



GATE SECTION A-A

CANTILEVER GATE NOTES:

1. DIMENSIONS IN PARENTHESIS ARE FOR 15' CANTILEVER GATE.
2. FOOTING WIDTH TO BE 4X POST WIDTH. MINIMUM 1'-6" DIAMETER. MINIMUM DEPTH TO BE 36".
3. GATE SHALL BE FORTRESS HEAVY DUTY CANTILEVER SLIDE GATE AS MANUFACTURED BY TYMETAL CORPORATION OR APPROVED EQUAL. VERIFY DIMENSIONS WITH MANUFACTURER. PRIMARY GATE FRAME SHALL BE ALUMINUM ALLOY AND RECTANGULAR IN SHAPE. GATE MESH SHALL MATCH FENCE MESH SIZE AND MATERIAL. (2-INCH MESH, 9 GAUGE).
4. ALL SIGN INSTALLATIONS SHALL BE CONSIDERED INCIDENTAL TO THE FENCE & GATE INSTALLATIONS. ALL TRAFFIC SIGNS MOUNTED ON SLIDING GATES SHALL COMPLY TO GOVERNING STANDARDS AND SPECIFICATIONS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION, ROADWAY AND TRAFFIC DESIGN STANDARDS LATEST EDITION, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, WITH THE EXCEPTION THAT ALL LETTERING SHALL BE FRUTIGER 55 @ 106% LETTERING.

JUNE 2025
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SANTA ROSA COUNTY FLORIDA
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Rev.	Date	Description	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

CIVIL DETAILS

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

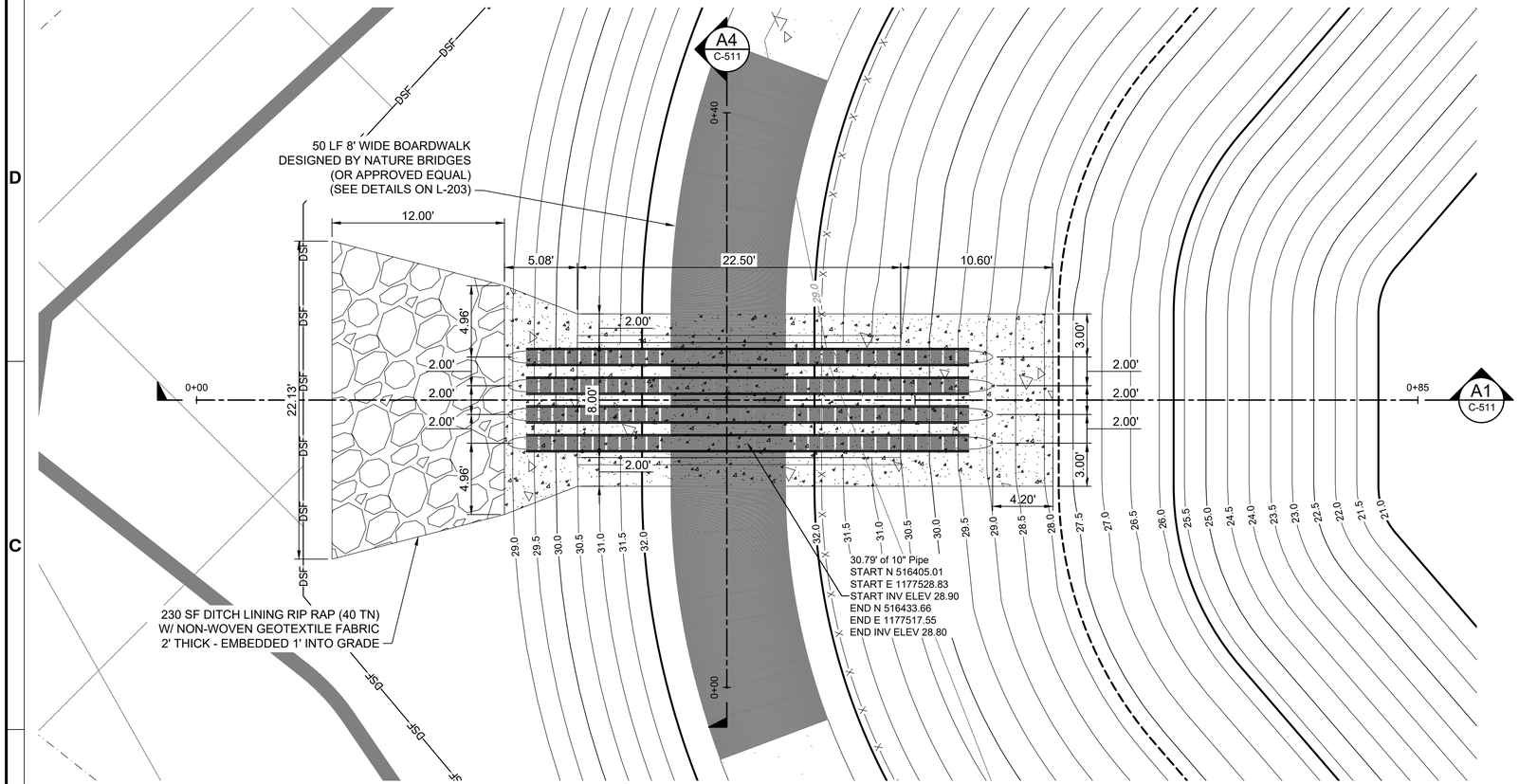
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Drwn by:	ZS
Chd by:	JH
Reviewed by:	EN
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

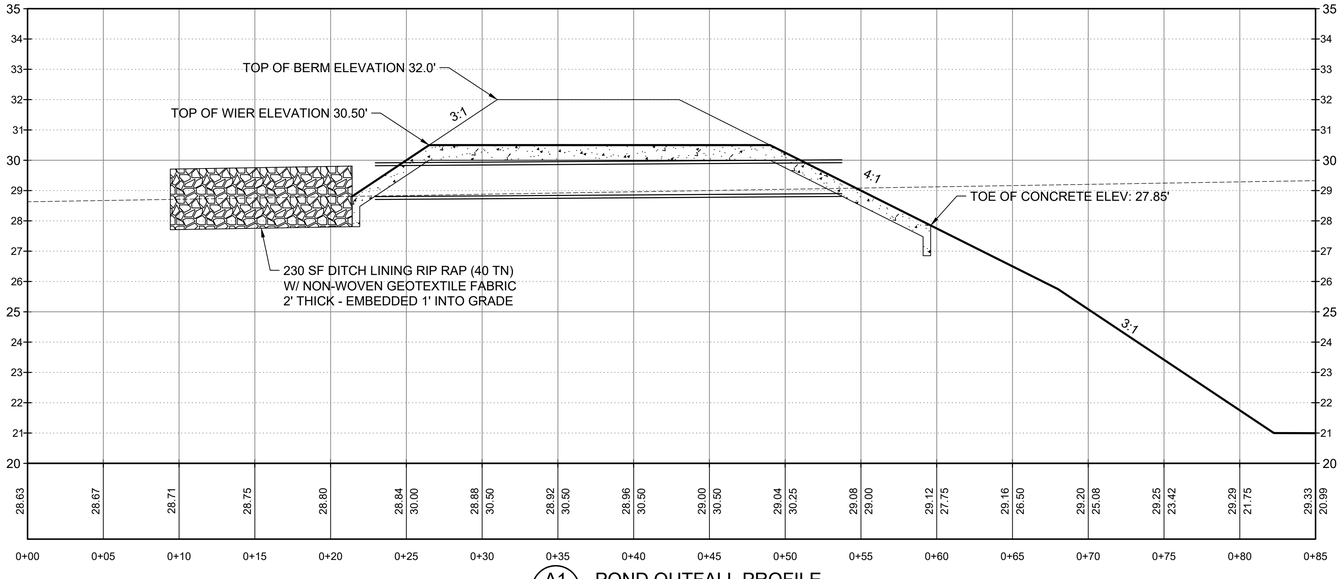
Sheet Reference No.
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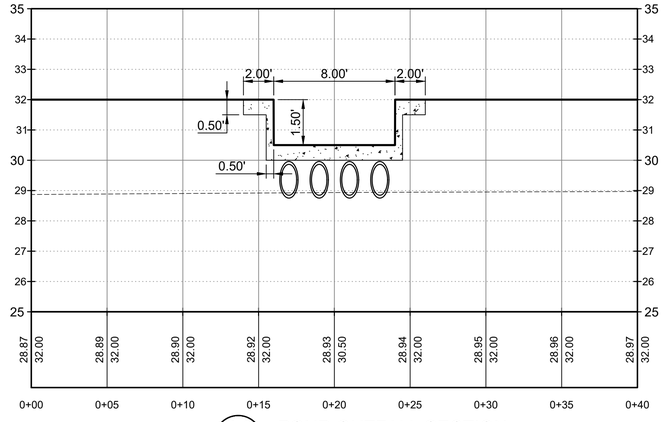
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



B1 C-511 **POND OUTFALL PLAN**
SCALE: 1" = 5'



A1 C-511 **POND OUTFALL PROFILE**
SCALE: 1" = 5'



A4 C-511 **POND OUTFALL SECTION**
SCALE: 1" = 5'

5' 0' 5' 10'
SCALE: 1"=5'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

POND SPILLWAY DETAIL

Date:	2025/02
Rev.	-
Designed by:	ZS
Drawn by:	ZS
Chd by:	JH
M&N Project No.	202000
Drawing scale:	
Reviewed by:	EN
Drawing Scale:	
Submitted by:	SUBMITTERS NAME MOFFATT & NICHOL
Plot scale:	1:1 (D SHEET)

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

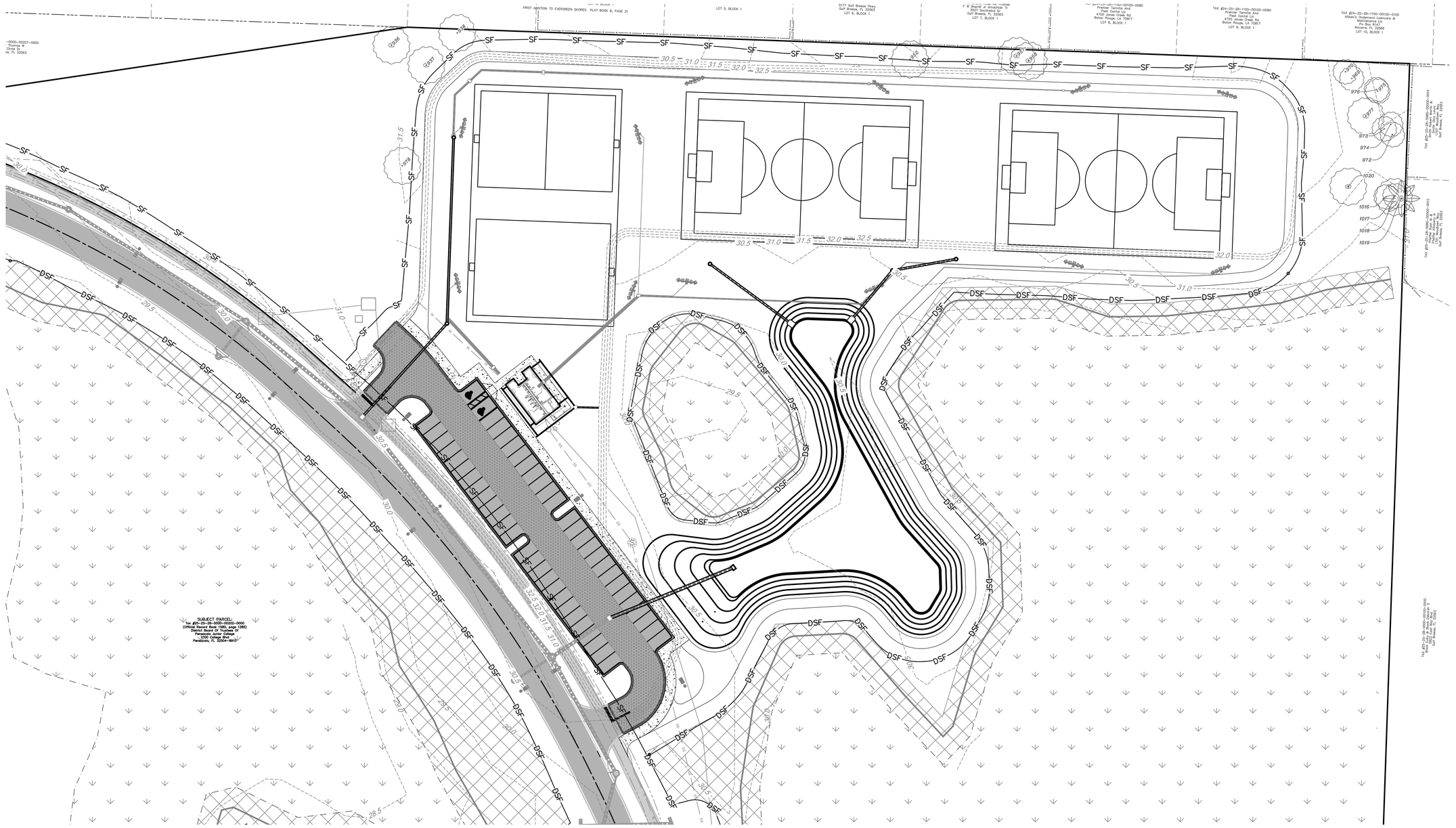
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
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Reference No.
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INDEX: 53 OF 65

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 / C-601 PHASE 2 SITE PLAN
SCALE: 1" = 40'

LEGEND

- WETLANDS
- WETLAND BUFFER (15' MIN)
- SF — SILT FENCE
- DSF — DOUBLE SILT FENCE W/ HAY BALES

N

40' 0' 40' 80'

SCALE: 1"=40'

JUNE 2025
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SANTA ROSA COUNTY FLORIDA
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Mark	Description	Date	Appr
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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PH 2 OVERALL SITE PLAN

moffatt & nichol
100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

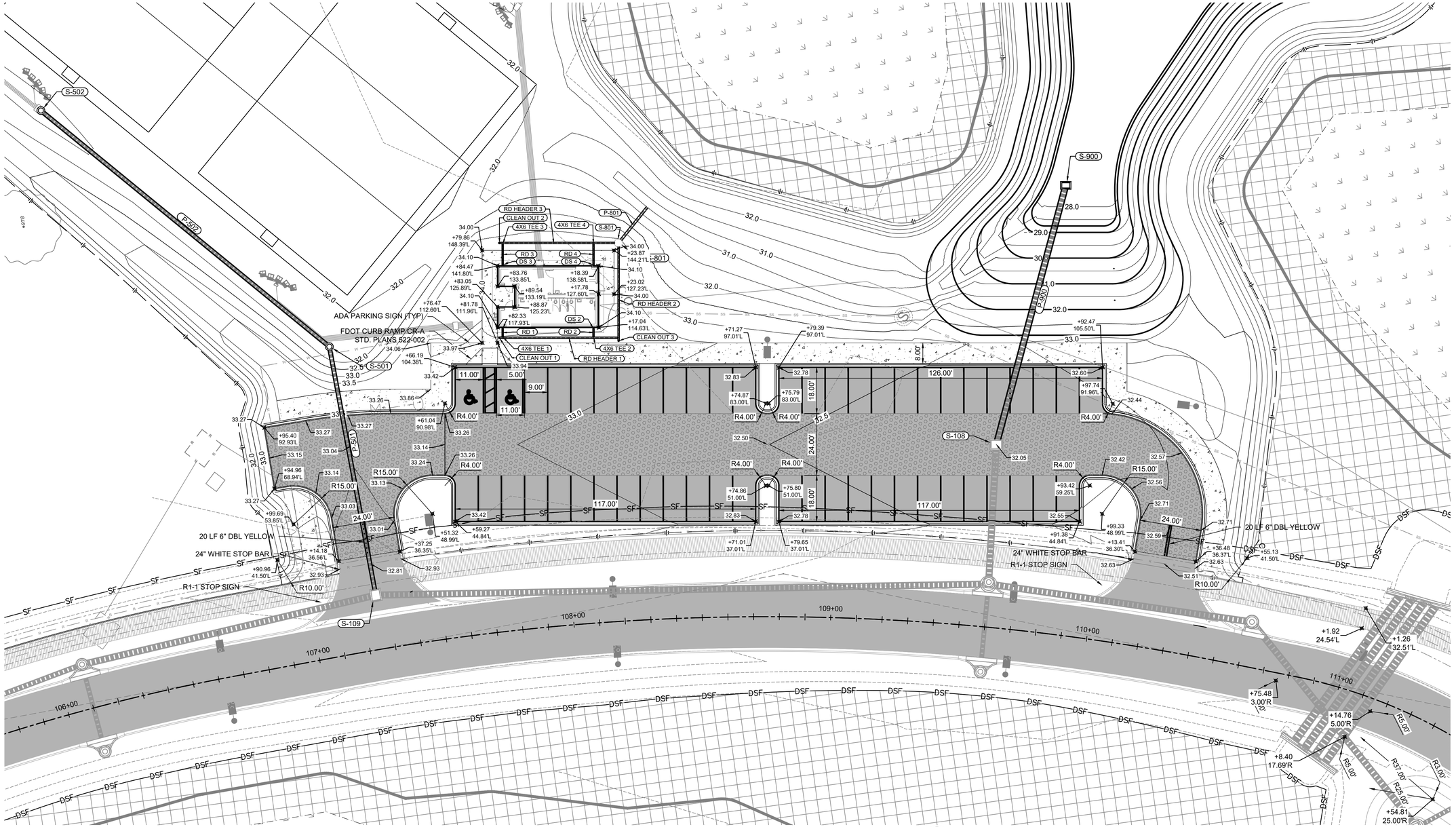
Designed by:	ZS
Drawn by:	ZS
Checked by:	JH
Reviewed by:	EN
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	2025/02
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev.	-

ZACKARY W. STUHR
LICENSE
No. 77671
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SEAL

Sheet
Reference No.
C-601
INDEX: 54 OF 65

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



DRAINAGE STRUCTURE TABLE		
NAME	DETAILS	STATION / OFFSET
4X6 TEE 1	ADS 4"X6" TEE RIM/GRATE = 32.79' RD 1, 4" N12 HDPE INV = 32.39'	STA: 107+83.75 OFF: 114.03 L
4X6 TEE 2	ADS 4"X6" TEE RIM/GRATE = 32.48' RD 2, 4" N12 HDPE INV = 32.08'	STA: 108+15.05 OFF: 111.05 L
4X6 TEE 3	ADS 4"X6" TEE RIM/GRATE = 32.79' RD 3, 4" N12 HDPE INV = 32.39'	STA: 107+86.91 OFF: 150.14 L
4X6 TEE 4	ADS 4"X6" TEE RIM/GRATE = 32.48' RD 4, 4" N12 HDPE INV = 32.08'	STA: 108+17.14 OFF: 147.26 L
6X6 TEE 1	ADS 6"X6" TEE RIM/GRATE = 32.57' RD HEADER 1, 6" N12 HDPE INV = 32.00'	STA: 108+23.44 OFF: 110.18 L

DRAINAGE STRUCTURE TABLE		
NAME	DETAILS	STATION / OFFSET
CLEAN OUT 1	CLEAN OUT RIM/GRATE = 32.97' RD HEADER 1, 6" N12 HDPE INV = 32.40'	STA: 107+82.55 OFF: 113.88 L
CLEAN OUT 2	CLEAN OUT RIM/GRATE = 32.97' RD HEADER 3, 6" N12 HDPE INV = 32.40'	STA: 107+85.81 OFF: 150.59 L
CLEAN OUT 3	CLEAN OUT RIM/GRATE = 32.57' RD HEADER 2, 6" N12 HDPE INV = 32.00'	STA: 108+23.67 OFF: 109.00 L
DS 1	DOWN SPOUT RIM/GRATE = 32.90' RD 1, 4" N12 HDPE INV = 32.50'	STA: 107+84.05 OFF: 117.33 L
DS 2	DOWN SPOUT RIM/GRATE = 32.90' RD 2, 4" N12 HDPE INV = 32.50'	STA: 108+15.25 OFF: 114.36 L

DRAINAGE STRUCTURE TABLE		
NAME	DETAILS	STATION / OFFSET
DS 3	DOWN SPOUT RIM/GRATE = 0.00'	STA: 107+86.22 OFF: 141.96 L
DS 4	DOWN SPOUT RIM/GRATE = 0.00'	STA: 108+16.68 OFF: 139.06 L
S-108	FDOT TYPE D INLET RIM/GRATE = 32.05' P-900, 24" PIPE INV = 24.30' P-108, 24" PIPE INV = 24.30'	STA: 109+58.07 OFF: 71.10 L
S-109	FDOT TYPE V GUTTER INLET RIM/GRATE = 32.75' P-110, 24" PIPE INV = 24.60' P-501, 15" PIPE INV = 26.60' P-109, 24" PIPE INV = 24.60'	STA: 107+25.71 OFF: 21.08 L
S-501	30" NYLOPLAST BASIN (24" H-10 GRATE) RIM/GRATE = 31.50' P-502, 15" PIPE INV = 26.40' P-501, 15" PIPE INV = 26.90'	STA: 107+24.09 OFF: 119.42 L

DRAINAGE STRUCTURE TABLE		
NAME	DETAILS	STATION / OFFSET
S-801	30" NYLOPLAST BASIN (24" H-10 GRATE) RIM/GRATE = 33.69' RD HEADER 3, 6" N12 HDPE INV = 32.00' RD HEADER 2, 6" N12 HDPE INV = 31.60' P-801, 10" N12 HDPE INV = 31.60'	STA: 108+25.54 OFF: 147.00 L
S-900	FDOT TYPE C INLET RIM/GRATE = 28.75' P-900, 24" PIPE INV = 24.40'	STA: 109+72.85 OFF: 174.10 L

A1 / C-602 PHASE 2 PARKING LOT LAYOUT & GRADING PLAN

SCALE: 1" = 20'

LEGEND

- WETLANDS
- WETLAND BUFFER (15' MIN)
- SF — SILT FENCE
- DSF — DOUBLE SILT FENCE W/ HAY BALES
- A1 / C-010 — 1.5" ASPHALT W/ 6" BASE
- A2 / C-010 — 4" CONCRETE SIDEWALK

N

20' 0' 20' 40'

SCALE: 1"=20'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Rev:	Date:	Appr
-		

Description

Mark

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PH 2 PARKING LAYOUT & GRADING PLAN

Designed by: ZS	Drawn by: ZS	Reviewed by: EN	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2025/02	Cad by: JH	M&N Project No. 202000	Drawing Scale: Plot scale: 1:1 (1 SHEET)
Rev: -		Drawing date:	

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR — LICENSE No. 77671 — STATE OF FLORIDA — PROFESSIONAL ENGINEER — SEAL

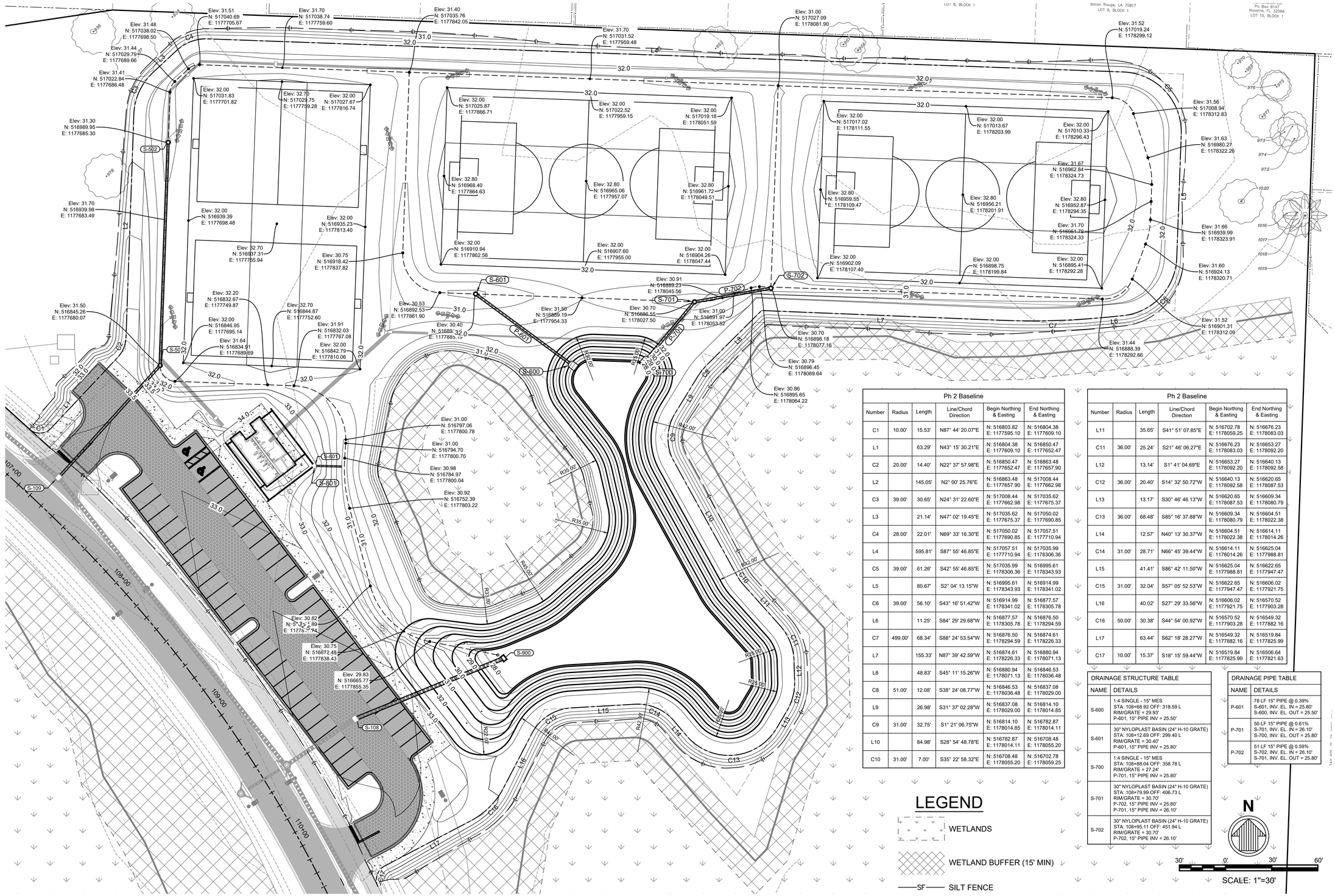
Sheet Reference No.

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 C-603 PHASE 2 SPORT FIELDS LAYOUT & GRADING PLAN 1
SCALE: 1" = 30'

Ph 2 Baseline					
Number	Radius	Length	Line/Chord Direction	Begin Northing & Easting	End Northing & Easting
C1	10.00'	15.53'	N87° 44' 20.07"E	N: 516803.82 E: 1177595.10	N: 516804.38 E: 1177609.10
L1		63.29'	N43° 15' 30.21"E	N: 516804.38 E: 1177609.10	N: 516850.47 E: 1177652.47
C2	20.00'	14.40'	N22° 37' 57.98"E	N: 516850.47 E: 1177652.47	N: 516863.48 E: 1177657.90
L2		145.05'	N2° 00' 25.76"E	N: 516863.48 E: 1177657.90	N: 517008.44 E: 1177662.98
C3	39.00'	30.65'	N24° 31' 22.60"E	N: 517008.44 E: 1177662.98	N: 517035.62 E: 1177675.37
L3		21.14'	N47° 02' 19.45"E	N: 517035.62 E: 1177675.37	N: 517050.02 E: 1177690.85
C4	28.00'	22.01'	N69° 33' 16.30"E	N: 517050.02 E: 1177690.85	N: 517057.51 E: 1177710.94
L4		595.81'	S87° 55' 46.85"E	N: 517057.51 E: 1177710.94	N: 517035.99 E: 1178306.36
C5	39.00'	61.26'	S42° 55' 46.85"E	N: 517035.99 E: 1178306.36	N: 516995.61 E: 1178343.93
L5		80.67'	S2° 04' 13.15"W	N: 516995.61 E: 1178343.93	N: 516914.99 E: 1178341.02
C6	39.00'	56.10'	S43° 16' 51.42"W	N: 516914.99 E: 1178341.02	N: 516877.57 E: 1178305.78
L6		11.25'	S84° 29' 29.68"W	N: 516877.57 E: 1178305.78	N: 516876.50 E: 1178294.59
C7	499.00'	68.34'	S88° 24' 53.54"W	N: 516876.50 E: 1178294.59	N: 516874.61 E: 1178226.33
L7		155.33'	N87° 39' 42.59"W	N: 516874.61 E: 1178226.33	N: 516880.94 E: 1178071.13
L8		48.83'	S45° 11' 15.26"W	N: 516880.94 E: 1178071.13	N: 516846.53 E: 1178036.48
C8	51.00'	12.08'	S38° 24' 08.77"W	N: 516846.53 E: 1178036.48	N: 516837.08 E: 1178029.00
L9		26.98'	S31° 37' 02.28"W	N: 516837.08 E: 1178029.00	N: 516814.10 E: 1178014.85
C9	31.00'	32.75'	S1° 21' 06.75"W	N: 516814.10 E: 1178014.85	N: 516782.87 E: 1178014.11
L10		84.98'	S28° 54' 48.78"E	N: 516782.87 E: 1178014.11	N: 516708.48 E: 1178055.20
C10	31.00'	7.00'	S35° 22' 58.32"E	N: 516708.48 E: 1178055.20	N: 516702.78 E: 1178059.25

Ph 2 Baseline					
Number	Radius	Length	Line/Chord Direction	Begin Northing & Easting	End Northing & Easting
L11		35.65'	S41° 51' 07.85"E	N: 516702.78 E: 1178059.25	N: 516676.23 E: 1178083.03
C11	36.00'	25.24'	S21° 46' 06.27"E	N: 516676.23 E: 1178083.03	N: 516653.27 E: 1178092.20
L12		13.14'	S1° 41' 04.69"E	N: 516653.27 E: 1178092.20	N: 516640.13 E: 1178092.58
C12	36.00'	20.40'	S14° 32' 50.72"W	N: 516640.13 E: 1178092.58	N: 516620.65 E: 1178087.53
L13		13.17'	S30° 46' 46.13"W	N: 516620.65 E: 1178087.53	N: 516609.34 E: 1178080.79
C13	36.00'	68.48'	S85° 16' 37.88"W	N: 516609.34 E: 1178080.79	N: 516604.51 E: 1178022.38
L14		12.57'	N40° 13' 30.37"W	N: 516604.51 E: 1178022.38	N: 516614.11 E: 1178014.26
C14	31.00'	28.71'	N66° 45' 39.44"W	N: 516614.11 E: 1178014.26	N: 516625.04 E: 1177988.81
L15		41.41'	S86° 42' 11.50"W	N: 516625.04 E: 1177988.81	N: 516622.65 E: 1177947.47
C15	31.00'	32.04'	S57° 05' 52.53"W	N: 516622.65 E: 1177947.47	N: 516606.02 E: 1177921.75
L16		40.02'	S27° 29' 33.56"W	N: 516606.02 E: 1177921.75	N: 516570.52 E: 1177903.28
C16	50.00'	30.38'	S44° 54' 00.92"W	N: 516570.52 E: 1177903.28	N: 516549.32 E: 1177882.16
L17		63.44'	S62° 18' 28.27"W	N: 516549.32 E: 1177882.16	N: 516519.84 E: 1177825.99
C17	10.00'	15.37'	S18° 15' 59.44"W	N: 516519.84 E: 1177825.99	N: 516506.64 E: 1177821.63

LEGEND

- WETLANDS
- WETLAND BUFFER (15' MIN)
- SF — SILT FENCE
- DSF — DOUBLE SILT FENCE W/ HAY BALES

DRAINAGE STRUCTURE TABLE	
NAME	DETAILS
S-600	1:4 SINGLE - 15" MES STA: 108+68.92 OFF: 318.59 L RIM/GRATE = 29.93' P-601, 15" PIPE INV = 25.50'
S-601	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 108+12.69 OFF: 299.40 L RIM/GRATE = 30.40' P-601, 15" PIPE INV = 25.80'
S-700	1:4 SINGLE - 15" MES STA: 108+88.04 OFF: 358.78 L RIM/GRATE = 27.24' P-701, 15" PIPE INV = 25.80'
S-701	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 108+79.99 OFF: 406.73 L RIM/GRATE = 30.70' P-702, 15" PIPE INV = 25.80' P-701, 15" PIPE INV = 26.10'
S-702	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 108+95.11 OFF: 451.94 L RIM/GRATE = 30.70' P-702, 15" PIPE INV = 26.10'

DRAINAGE PIPE TABLE	
NAME	DETAILS
P-601	78 LF 15" PIPE @ 0.39% S-601, INV. EL. IN = 25.80' S-600, INV. EL. OUT = 25.50'
P-701	50 LF 15" PIPE @ 0.61% S-701, INV. EL. IN = 26.10' S-700, INV. EL. OUT = 25.80'
P-702	51 LF 15" PIPE @ 0.59% S-702, INV. EL. IN = 26.10' S-701, INV. EL. OUT = 25.80'

N

30' 0' 30' 60'

SCALE: 1"=30'

JUNE 2025
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SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Rev.	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PH 2 SPORT FIELDS LAYOUT & GRADING PLAN 1

moffatt & nichol
100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

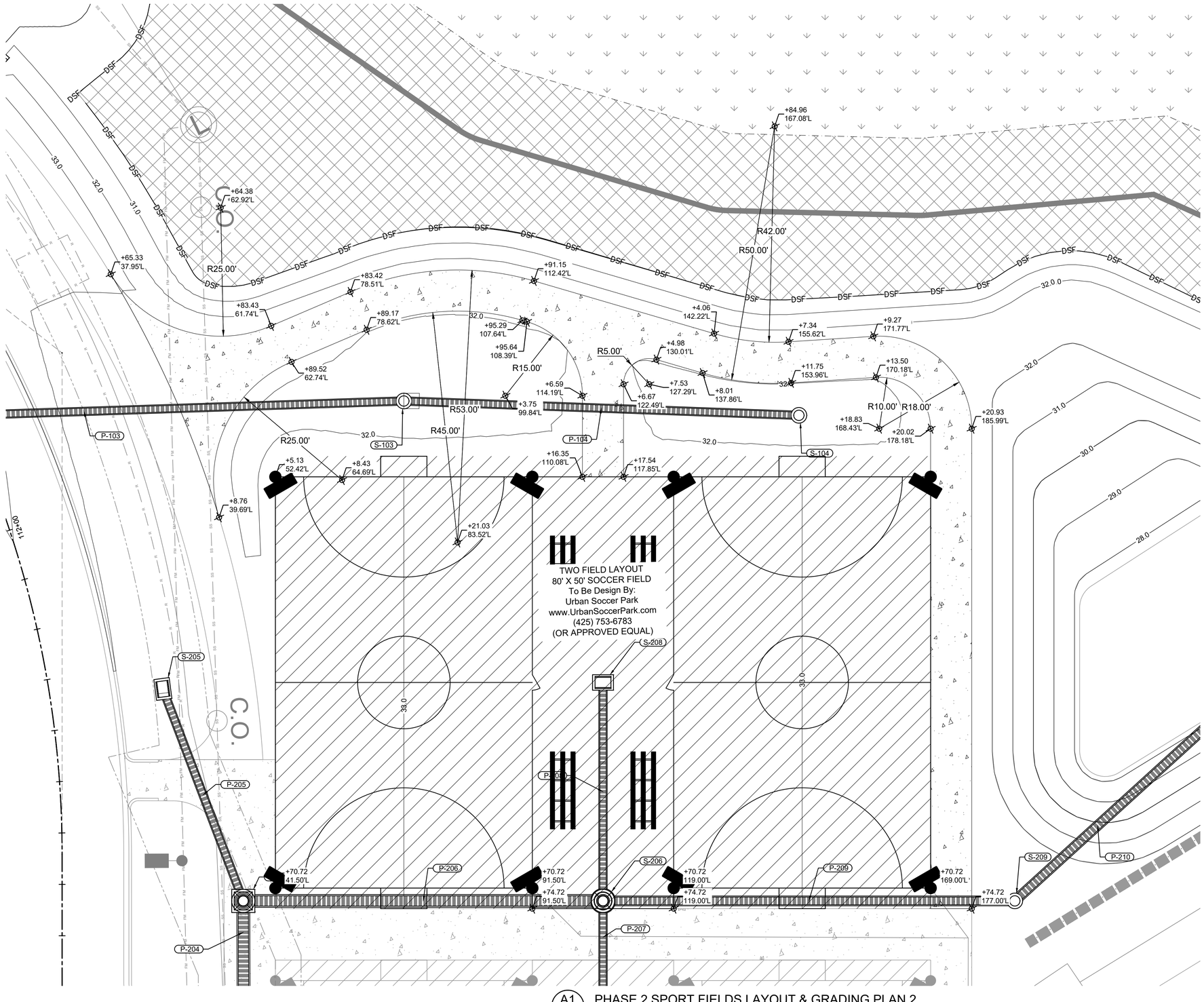
Designed by: ZS
Drawn by: ZS
Checked by: JH
Reviewed by: EN
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2025/02
M&N Project No. 202000
Drawing scale:
Drawing Scale:
Plot scale: 1:1 (0 SHEET)

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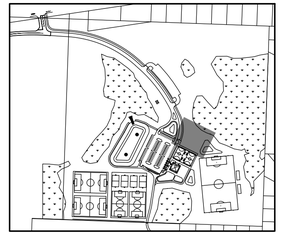
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



LEGEND

- WETLANDS
- WETLAND BUFFER (15' MIN)
- —SF— SILT FENCE
- —DSF— DOUBLE SILT FENCE W/ HAY BALES
- A2 / C-010 — 4" CONCRETE SIDEWALK
- B3 / C-010 — FUTSAL GROUND PREPERARION



KEY PLAN

N

10' 0' 10' 20'

SCALE: 1"=10'

JUNE 2025
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A1 / C-604 PHASE 2 SPORT FIELDS LAYOUT & GRADING PLAN 2
SCALE: 1" = 10'

SANTA ROSA COUNTY FLORIDA
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Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PH 2 SPORT FIELDS LAYOUT & GRADING PLAN 2

Rev:	-
Date:	2025/02
M&N Project No.	202000
Drawing scale:	
Drawing Scale:	
Plot scale:	1:1 (0 SHEET)
Designed by:	ZS
Dwn by:	ZS
Ckd by:	JH
Reviewed by:	EN
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

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Reference No.
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

STORMWATER POLLUTION PREVENTION PLAN CONTRACTOR'S REQUIREMENTS

SITE DESCRIPTION

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX
SANTA ROSA COUNTY, FLORIDA

SANTA ROSA COUNTY
6495 CAROLINE STREET, SUITE M
MILTON, FL 32570
(850) 983-1877

SITE LOCATION:
THE PROJECT IS LOCATED ON THE PENSACOLA STATE COLLEGE - GULF BREEZE CAMPUS;

SANTA ROSA COUNTY, FLORIDA
SANTA ROSA COUNTY SECTION 25, TOWNSHIP 2 SOUTH, RANGE 28 WEST

DESCRIPTION: SOIL DISTURBING ACTIVITIES WILL INCLUDE:
EARTHWORK, GRADING, AND LANDSCAPING.

SOILS: SEE SOIL BORING REPORT AND SOILS SURVEY FOR SOILS DATA

SITE MAPS:
* SEE ATTACHED CONSTRUCTION PLANS FOR PRE & POST DEVELOPMENT GRADES, AREAS OF SOILS, DISTURBANCE, LOCATION OF SURFACE WATERS, WETLANDS, PROTECTED AREAS, MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS AND STORM WATER DISCHARGE POINTS.

SITE AREA: 1. TOTAL AREA TO BE DISTURBED = 14 ACRES (APPROX.)

NAME OF RECEIVING WATERS: UNNAMED WETLANDS

CONTROLS

THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND SEDIMENTATION CAUSED BY STORMWATER RUNOFF. EROSION AND SEDIMENTATION CONTROLS ON THE SITE PLAN HAVE BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE AND LOCAL LAWS. REFER TO "CONTRACTORS RESPONSIBILITY" FOR A VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED.

STORMWATER MANAGEMENT

STORMWATER TREATMENT AND ATTENUATION WILL BE PROVIDED.

GENERAL

THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED HEREON AND THOSE MEASURES SHOWN ON THE SWPPP SITE PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS. DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION THE CONTRACTOR MAY BE REQUIRED TO IMPLEMENT SEDIMENTATION CONTROL MEASURES NOT SPECIFICALLY LISTED OR SHOWN HEREON AT NO COST TO THE OWNER.

SEQUENCE OF MAJOR ACTIVITIES:

THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:

1. INSTALL EROSION AND SEDIMENTATION CONTROLS ACCORDING TO THE CONTRACT DOCUMENTS.
2. CONSTRUCT SITE IMPROVEMENTS.
3. INSTALL ADDITIONAL EROSION AND SEDIMENTATION CONTROLS AS MAY BE WARRANTED TO CONTROL ADVERSE ENVIRONMENTAL IMPACTS AND TO MEET APPLICABLE PERMIT REQUIREMENTS.
4. MAINTAIN EROSION AND SEDIMENTATION CONTROLS AND REPAIR ERODED AREAS THROUGHOUT CONSTRUCTION UNTIL THE SITE IS STABILIZED AND ACCEPTED BY THE OWNER.

PERMITS:

1. CONTRACTOR SHALL OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FOR CONSTRUCTION ACTIVITIES AND SHALL ABIDE BY NPDES PERMIT CONDITIONS. CONTRACTOR MAY UTILIZE THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) INCLUDED IN THESE PLANS OR PROVIDE HIS OWN SWPPP FOR NPDES PERMITTING.
2. OWNER WILL OBTAIN AN ENVIRONMENTAL RESOURCE PERMIT (ERP) FROM THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT (NWFWMD) OR A STORMWATER MANAGEMENT PERMIT FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) FOR THE PROJECT. CONTRACTOR SHALL ABIDE BY THE CONDITIONS OF THE ERP OR STORMWATER MANAGEMENT PERMIT.
3. OWNER WILL OBTAIN BUILDING PERMIT APPROVAL FROM SANTA ROSA COUNTY.. CONTRACTOR SHALL ABIDE BY ANY CONDITIONS OF THE COUNTY'S APPROVAL.
4. COST FOR OBTAINING AN NPDES PERMITS AND FOR ABIDING BY ALL PERMIT CONDITIONS SHALL BE BORNE BY THE CONTRACTOR.
5. CONTRACTOR SHALL PROVIDE A COPY OF HIS NPDES PERMIT NOI TO THE SANTA ROSA COUNTY ENGINEER.

TIMING OF CONTROLS/MEASURES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES AND HAY BALES, WILL BE RE-CONSTRUCTED PRIOR TO GRADING OPERATIONS ON ANY PORTION OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE WITH THE PLANS. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM ANY SEDIMENT TRAPS, THE RETENTION POND BOTTOM WILL BE CONTOURED TO TO FINAL ELEVATION, AND THE SITE STABILIZED IN ACCORDANCE WITH THE EROSION & SEDIMENTATION CONTROL PLAN.

CONTROLS

IT IS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND SEDIMENTATION CONTROLS AS SHOWN ON THE SITE PLAN. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE SITE PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED,TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND LOCAL EROSION AND SEDIMENTATION CONTROL REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER. THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS REQUIRED BY THE EROSION AND SEDIMENTATION CONTROL PLAN AND AS REQUIRED TO MEET THE EROSION AND SEDIMENTATION REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES.

EROSION AND SEDIMENT CONTROLS STABILIZATION PRACTICES

1. HAY BALE BARRIER: HAY BALE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
   1.A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
   1.B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.
   1.C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS.
   1.D. EVERY EFFORT SHOULD BE MADE TO LIMIT THE USE OF STRAW BALE BARRIERS CONSTRUCTED IN LIVE STREAMS OR IN SWALES WHERE THERE IS THE POSSIBILITY OF A WASHOUT. IF NECESSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE AGAINST WASHOUT.
2. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
   2.A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
   2.B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.
3. BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE. USE OF BRUSH BARRIER MUST RECEIVE SEPARATE APPROVAL FROM THE OWNER.
4. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT-FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE GRADED AREAS ONTO UNDISTURBED STABILIZED AREAS. THIS PRACTICE APPLIES ONLY IN THOSE SITUATIONS WHERE THE SPREADER CAN BE CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL LIP IS STABILIZED. THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE.
5. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY.
6. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL NOT EXCEED 20 ACRES. THIS REQUIREMENT MAY BE WAIVED FOR LARGE PROJECTS WITH AN EROSION CONTROL PLAN WHICH DEMONSTRATES THAT OPENING OF ADDITIONAL AREAS WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSIT OF SEDIMENTS.
7. DROP INLET PROTECTION: PROVIDE SEDIMENT CONTROL MEASURES AS APPROPRIATE DURING CONSTRUCTION INCLUDING BUT NOT LIMITED TO STRAW BALE DROP INLET SEDIMENT FILTERS AND/OR PRE-MANUFACTURED INLET INSERTS (ULTRA-TECH ULTRA-GRATEGUARD GRATE COVER, ULTRA-TECH ULTRA-DRAINGUARD CATCH BASIN INSERT, OR EQUIVALENT) AT ALL EXISTING OR INSTALLED DROP INLET BOXES WHERE THE TOP OF BOX IS NOT AT LEAST 10" ABOVE THE NEAREST ADJACENT UNFINISHED GRADE.
8. CURB INLET PROTECTION: PROVIDE SEDIMENT CONTROL MEASURES AS APPROPRIATE DURING CONSTRUCTION INCLUDING BUT NOT LIMITED TO STRAW BALE CURB INLET SEDIMENT FILTERS AND/OR PRE-MANUFACTURED INLET INSERTS (ULTRA-TECH ULTRA-CURBGUARD, ULTRA-TECH ULTRA-GUTTERGUARD, OR EQUIVALENT) AT ALL EXISTING OR INSTALLED CURB INLETS.
9. TEMPORARY SEEDING: AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL GRASSING TREATMENT WITHIN 20 DAYS SHALL BE SEEDED WITH A QUICK GROWING GRASS OR SIMILAR SPECIES WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT LATER COMPETE WITH THE PERMANENT GRASSING.
10. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 9 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH.
11. TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER. TEMPORARY GRASSING SHALL BE THE SAME MIX & AMOUNT REQUIRED FOR PERMANENT GRASSING IN THE CONTRACT SPECIFICATIONS.
12. TEMPORARY REGRASSING: IF, AFTER 30 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER.
13. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.
14. PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES.
15. PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MINIMUM, BE SEEDED. THE SEEDING MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SODDED.
16. REFER TO OTHER NOTES AND/OR DETAILS FOR MORE RESTRICTIVE GRASSING/SODDING REQUIREMENTS.

DEWATERING METHODS AND LOCATIONS NOTES

1. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DEWATERING METHOD (WELL POINTS, HORIZONTAL SOCK DRAINS, PUMPING FROM INTERIOR PUMPS, ETC.) AND FOR OBTAINING ANY DEWATERING PERMIT THAT MAY BE REQUIRED BY THE WATER MANAGEMENT DISTRICT.
2. WHERE PUMPS ARE USED TO REMOVE HIGHLY TURBID WATERS FROM ENCLOSED CONSTRUCTION AREAS, THE WATER SHALL BE TREATED BY ONE OR MORE OF THE FOLLOWING METHODS PRIOR TO DISCHARGING INTO RECEIVING WATERS; PUMPING INTO GRASSED SWALES OR APPROPRIATE VEGETATED AREAS; SEDIMENT BASINS; OR CONFINED BY AN APPROPRIATE ENCLOSURE SUCH AS TURBIDITY BARRIERS WHEN OTHER METHODS ARE NOT CONSIDERED APPROPRIATE.
3. THE WATER DABLE SHALL BE LOWERED TO AT LEAST 2 FEET BELOW THE BASE OF TRENCH DURING EXCAVATION AND BACKFILLING OPERATIONS.
4. DEWATERING DISCHARGE MUST BE EQUAL TO OR LESS THAN 29 NTU's BELOW BACKGRAND CONDITIONS OF THE RECEIVING WATER BODY.

STRUCTURAL PRACTICES

1. THE FOLLOWING MEASURES MAY BE USED EARLY IN THE PROJECT AS APPROPRIATE.
2. TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY.
3. TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP SHALL BE INSTALLED IN A DRAINAGE WAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DISTURBED AREA. THE FOLLOWING SEDIMENT TRAPS MAY BE CONSTRUCTED EITHER INDEPENDENTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE:
   3.A. BLOCK & GRAVEL SEDIMENT FILTER - THIS PROTECTION IS APPLICABLE WHERE HEAVY FLOWS AND/OR WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.
   3.B. GRAVEL SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES & UNPROTECTED AREAS.
   3.C. DROP INLET SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (S < 5%) AND WHERE SHEET OR OVERLAND FLOWS (Q < 0.5 CFS) ARE TYPICAL. THIS METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS SUCH AS IN STREET OR HIGHWAY MEDIANS.
4. OUTLET PROTECTION: REQUIRED AT THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE FLOW COULD CAUSE EROSION & SEDIMENT PROBLEM TO THE RECEIVING WATER BODY. SILT FENCE & HAY BALES ARE TO BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE DISCHARGE STRUCTURE AS SHOWN ON THE OUTLET PROTECTION DETAIL.
5. SEDIMENT BASIN: WILL BE CONSTRUCTED AT THE COMMON DRAINAGE LOCATIONS THAT SERVE AN AREA WITH 10 OR MORE DISTURBED ACRES AT ONE TIME, THE PROPOSED STORM WATER PONDS (OR TEMPORARY PONDS) WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASINS. THESE SEDIMENT BASINS MUST PROVIDE A MINIMUM OF 3,600 CUBIC FEET OF STORAGE PER ACRE DRAINED UNTIL FINAL STABILIZATION OF THE SITE.
   5.A. THE 3,600 CUBIC FEET OF STORAGE AREA PER ACRE DRAINED DOES NOT APPLY TO FLOWS FROM OFFSITE AREAS AND FLOWS FROM ONSITE AREAS THAT ARE EITHER UNDISTURBED OR HAVE UNDERGONE FINAL STABILIZATION WHERE SUCH FLOWS ARE DIVERTED AROUND BOTH THE DISTURBED AREA AND THE SEDIMENT BASIN. ANY TEMPORARY SEDIMENT BASINS CONSTRUCTED MUST BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL FILL. ALL SEDIMENT COLLECTED IN PERMANENT OR TEMPORARY SEDIMENT TRAPS MUST BE REMOVED UPON FINAL STABILIZATION.

OTHER CONTROLS

WASTE DISPOSAL

LAND CLEARING/EXCAVATION MATERIALS

EXCESS SOIL AND OTHER LAND CLEARING MATERIALS SHALL BE DISPOSED OF IN LAWFULLY PERMITTED OFF SITE FACILITIES. THE OWNER MAY PROVIDE ONSITE UPLAND LOCATION(S) FOR TEMPORARY OR PERMANENT DISPOSAL OF SOIL OR LAND CLEARING DEBRIS.

WASTE MATERIALS

CONTRACTOR SHALL BE RESPONSIBLE FOR STORING AND ULTIMATE DISPOSAL OF ALL WASTE MATERIALS IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS, RULES, CODES, AND REGULATIONS.

ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL CONTAINER. THE CONTAINER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE CONTAINER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

HAZARDOUS WASTE

ANY AND ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

SANITARY WASTE

ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DEPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS.

OFFSITE VEHICLE TRACKING

A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS.

INVENTORY FOR POLLUTION PREVENTION PLAN

THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION:

☒ CONCRETE	☒ FERTILIZERS	☒ WOOD
☒ ASPHALT	☐ PETROLEUM BASED PRODUCTS	☒ MASONRY BLOCKS
☐ TAR	☐ CLEANING SOLVENTS	☒ ROOFING MATERIALS
☐ DETERGENTS	☒ PAINTS	☒ METAL STUDS
☐ TRANSFORMERS	☒ LIGHTING EQUIPMENT	☐ _____

SPILL PREVENTION

MATERIAL MANAGEMENT PRACTICES

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING

THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.

* AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
* ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
* PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
* SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
* WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
* MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
* THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL.

HAZARDOUS PRODUCTS

THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.

* PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
* ORIGINAL LABELS AND MATERIAL SAFETY DATA SHEETS WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.
* IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

PRODUCT SPECIFIC PRACTICES
THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE:

PETROLEUM PRODUCTS

ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM BASED PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED.

FERTILIZERS

FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED AREA. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

PAINTS

USE MANUFACTURES SPECIFICATIONS AND RECOMMENDATIONS FOR STORAGE AND DISPOSAL OF PAINT PRODUCTS.

CONCRETE TRUCKS

SHALL NOT BE CLEANED OR DISCHARGE SPOILED OR UNUSED CONCRETE ONSITE UNLESS OTHERWISE COORDINATED WITH THE OWNER

FUELING/LUBRICATION/MAINTENANCE OF VEHICLES AND EQUIPMENT

FUEL SHALL NOT BE STORED ONSITE. ALL FUEL, LUBRICANTS, AND RELATED SUBSTANCES SHALL BE PROVIDED VIA FUEL/LUBRICATION TRUCK. ONLY REQUIRED FUELING AND NORMAL MINOR LUBRICATION AND MAINTENANCE WILL OCCUR ONSITE.

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.

MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, LIQUID ABSORBENT (i.e. KITTY LITTER OR EQUAL), SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.

ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.

THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.

SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE OF THE SPILL.

THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.

THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE.

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Rev.	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

STORMWATER POLLUTION PREVENTION PLAN

Designed by: ZS	Drawn by: ZS	Reviewed by: EN	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2025/02	Qcd by: JH	Drawing code:	Drawing Scale: Plot scale: 1:1 (D SHEET)
	M&N Project No. 202000		

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR — LICENSE No. 77671 — STATE OF FLORIDA — PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
C-801
INDEX: 58 OF 65

File: Q:\ORL\202000\20 CADD_Active_Civil\202000-C-801 ; Plotted: 6/13/2025 10:55 AM by STUHR, ZACK ; Saved: 6/13/2025 9:31 AM by ZSTUHR

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

SEDIMENTATION AND EROSION CONTROL NOTES FOR DEMOLITION

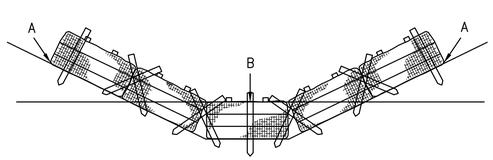
1. REFER TO GENERAL CONSTRUCTION NOTES.
2. DEMOLITION INCLUDES COMPLETE WRECKING OF STRUCTURES AND THE REMOVAL AND DISPOSAL OF PAVEMENT, STRUCTURES, PIPING, MECHANICAL AND ELECTRICAL EQUIPMENT, CONCRETE, STEEL, AND ALL OTHER MISCELLANEOUS MATERIALS AND DEBRIS AS REQUIRED TO PREPARE THE SITE FOR NEW CONSTRUCTION.
3. ALL SEDIMENTATION / EROSION CONTROLS MUST BE CONSTRUCTED / IN PLACE PRIOR TO DEMOLITION.
4. THE USE OF EXPLOSIVES WILL NOT BE PERMITTED.
5. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL ITEMS OF SALVAGEABLE VALUE. ALL MATERIALS AND ITEMS NOT SALVAGED AND DELIVERED TO THE OWNER SHALL BE REMOVED OFF SITE FOR DISPOSAL IN FULL ACCORDANCE WITH ALL FEDERAL, STATE, AND COUNTY LAWS, CODES, REGULATIONS, AND ORDINANCES.
6. BURNING OF DEMOLITION DEBRIS ON THE PROJECT SITE WILL NOT BE PERMITTED.
7. CONTRACTOR SHALL USE WATER SPRINKLING, TEMPORARY ENCLOSURES, AND OTHER SUITABLE METHODS TO LIMIT THE AMOUNT OF DUST AND DIRT RISING AND SCATTERING IN THE AIR TO THE LOWEST PRACTICAL LEVEL.
8. CONTRACTOR SHALL CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS.
9. CONTRACTOR SHALL TAKE MEASURES AS MAY BE NECESSARY TO ENSURE THAT DUST, DIRT, OR DEBRIS IS NOT DEPOSITED ON STREET(S) BY HIS DEMOLITION OPERATIONS OR BY TRUCKING OPERATIONS. CONTRACTOR SHALL IMMEDIATELY CLEAN ANY SUCH DUST, DIRT, OR DEBRIS FROM THE ROADWAY(S).
10. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITY SERVICE LINES AND IF DEEMED NECESSARY, REROUTING, UNHOOKING, CAPPING OR BULK HEADING, AND REMOVING AND ABANDONING ALL UTILITIES AS NECESSARY TO COMPLETE THE WORK. CONTRACTOR SHALL COORDINATE ANY UTILITY DEMOLITION OPERATIONS WITH THE APPLICABLE UTILITY OWNER AND LEAVE ALL ABANDONED UTILITY CONNECTIONS AS SPECIFIED BY THE APPLICABLE UTILITY OWNER.

SEDIMENTATION AND EROSION CONTROL NOTES FOR CONSTRUCTION DURATION

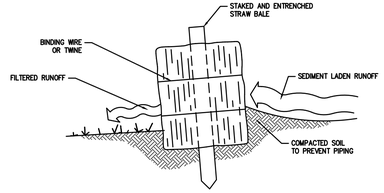
1. CONTRACTOR SHALL CONDUCT SITE OPERATIONS IN A MANNER THAT DOES NOT CAUSE OR ALLOW OFFSITE TRANSPORT OF SEDIMENT.
2. CONTRACTOR SHALL PROVIDE SEDIMENT CONTROL MEASURES AS APPROPRIATE DURING CONSTRUCTION INCLUDING BUT NOT LIMITED TO STAKED HAYBALE DITCH PROTECTION (OR EQUIVALENT).
3. WHERE STRAW BALE BARRIERS ARE USED, CONTRACTOR SHALL TIGHTLY ABUT AND CHINK BETWEEN BALES WITH LOOSE STRAW AND SHALL EMBED BALES 4" INTO THE SOIL TO ENSURE THAT STORM RUNOFF DOES NOT BYPASS THE STRAW BALE BARRIER.
4. WHERE PRE-MANUFACTURED PRODUCTS ARE USED, CONTRACTOR SHALL REMOVE AND REPLACE THE COVERS/INSERTS WHEN THEY BECOME CLOGGED.
5. CONTRACTOR SHALL INSPECT THE SEDIMENT CONTROL MEASURES AT LEAST ONCE A WEEK AND AFTER EVERY RAINFALL EVENT OF ¼" OR MORE.
6. CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY SEDIMENT CONTROL MEASURE THAT IS RENDERED DAMAGED OR INEFFECTIVE BY NORMAL USE OR EXTREME RAINFALL EVENTS.
7. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION, OR OTHER ACCEPTABLE METHODS.
8. CONTRACTOR SHALL SOD ALL DISTURBED AREAS AS SOON AS PRACTICAL FOLLOWING GRADING OPERATIONS.
9. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FOR DEWATERING IF DEWATERING IS PERFORMED.
10. CONTRACTOR SHALL CONTAIN ALL DEWATERING DISCHARGE AND INFILTRATE BACK INTO AN ONSITE INFILTRATION SYSTEM, OR OBTAIN PERMIT FOR DISCHARGE OFFSITE.

CONSTRUCTION SEQUENCE NOTES

1. CONTRACTOR SHALL PROVIDE CONSTRUCTION NOTIFICATION PRIOR TO INITIATING CONSTRUCTION IN ACCORDANCE WITH ALL PERMIT CONDITIONS AND COUNT STANDARDS.
2. CONCEPTUAL PHASING PLAN AS SHOWN IN THIS PLAN SET IS PROVIDED SOLELY AS A GUIDE AND CONTRACTOR IS RESPONSIBLE FOR THE DEVELOPMENT AND IMPLEMENTATION OF CONSTRUCTION PHASING BASED ON SCHEDULE, WEATHER CONDITIONS, ETC.
3. CONTRACTOR SHALL PLACE ALL PERIMETER SEDIMENT CONTROL PRIOR TO CLEARING AND GRUBBING, AS SHOWN ON SHEET CD-101, AND SHALL MAINTAIN SEDIMENT CONTROLS DURING DEMOLITION.
4. INSTALL TEMPORARY EROSION CONTROL AND DIVERSION MEASURES FOR STORMWATER MANAGEMENT PRIOR TO DEMOLITION OF THE EXISTING DITCH.
5. PRIOR TO POND BOTTOM STABILIZATION ALL ACCUMALATED SEDIMENT FROM CONSTRUCTION MUST BE REMOVED. CONTRACTOR TO REMOVE THE TOP LAYER OF THE POND BOTTOMS TO A DEPTH OF 2 TO 3 INCHES AND SCARIFY OR DEEP-RAKE THE EXCAVATED BOTTOM. REPLACE EXCAVATED BOTTOM MATERIAL WITH SUITABLY PERMEABLE MATERIAL AND RESTORE THE POND BOTTOMS TO DESIGN GRADE.
6. REMOVE PERIMETER SEDIMENT CONTROL ONLY AFTER SITE IS FULLY STABILIZED.



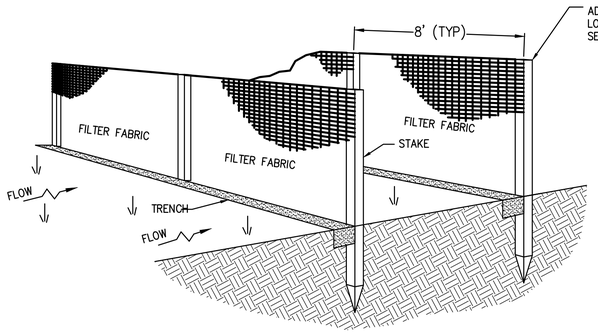
POINT A SHOULD BE HIGHER THAN POINT B

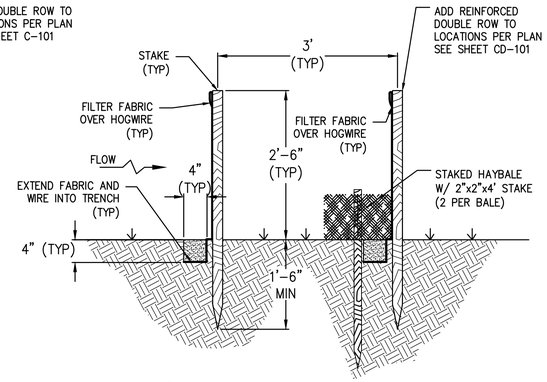


NOTES FOR SYNTHETIC BALES OR BALE TYPE BARRIERS

1. BALES SHALL BE TRENCHED 3" TO 4" AND ANCHORED WITH 2-1" x 2" (OR 1" DIA.) x 4' WOOD STAKES. STAKES OR OTHER MATERIAL OR SHAPE PROVIDING EQUIVALENT STRENGTH MAYBE USED IF APPROVED BY THE ENGINEER. STAKES OTHER THAN WOOD SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.
2. ADJACENT BALES SHALL BE BUTTED FIRMLY TOGETHER.
3. WHERE USED IN CONJUNCTION WITH SILT FENCE, BALES SHALL BE PLACED ON THE UPSTREAM SIDE OF THE FENCE.
4. SANDBAGS OR ROCK BAGS SHALL BE CONSIDERED EQUIVALENT.

C3 / C-802 STAKED HAYBALE DITCH LINING
SCALE: NTS





NOTES FOR STAKED SILT FENCE

1. SET THE POSTS AND EXCAVATE A 4"x4" TRENCH UP SLOPE ALONG THE LINE OF POSTS. POSTS SHALL BE SPACED A MAX. OF 10' APART @ THE BARRIER LOCATION & DRIVEN INTO THE GROUND A MIN. OF 12". WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6'.
2. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED TO THE UP SLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES @ LEAST 1" LONG, TIE WIRES OR HOG RINGS. THE WIRE MESH SHALL 20 GA. MIN OR TYPE A FENCE FABRIC AND EXTEND INTO THE TRENCH A MIN. OF 2" & SHALL NOT EXTEND MORE THAN 36" ABOVE THE ORIGINAL GROUND SURFACE.
3. ATTACH THE FILTER FABRIC TO THE WIRE MESH FENCE & EXTEND IT INTO THE TRENCH A MIN. OF 8".
4. BACKFILL AND COMPACT THE EXCAVATED SOIL.
5. WHEN ATTACHING TWO SILT FENCES TOGETHER, PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE. ROTATE BOTH POSTS TOGETHER @ LEAST 180 DEGREES ON A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FILTER FABRIC & DRIVE BOTH POSTS INTO THE GROUND.

A3 / C-802 SINGLE ROW AND DOUBLE ROW STAKED SILT FENCE
SCALE: NTS

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Rev.	Date	Description	Appr
-		Mark	

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

STORMWATER POLLUTION PREVENTION PLAN

Date: 2025102
M&N Project No. 202000
Drawing code:
Drawing Scale: 1:1 (D SHEET)
Print scale:
Designed by: ZS
Drawn by: ZS
Chkd by: JH
Reviewed by: EN
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

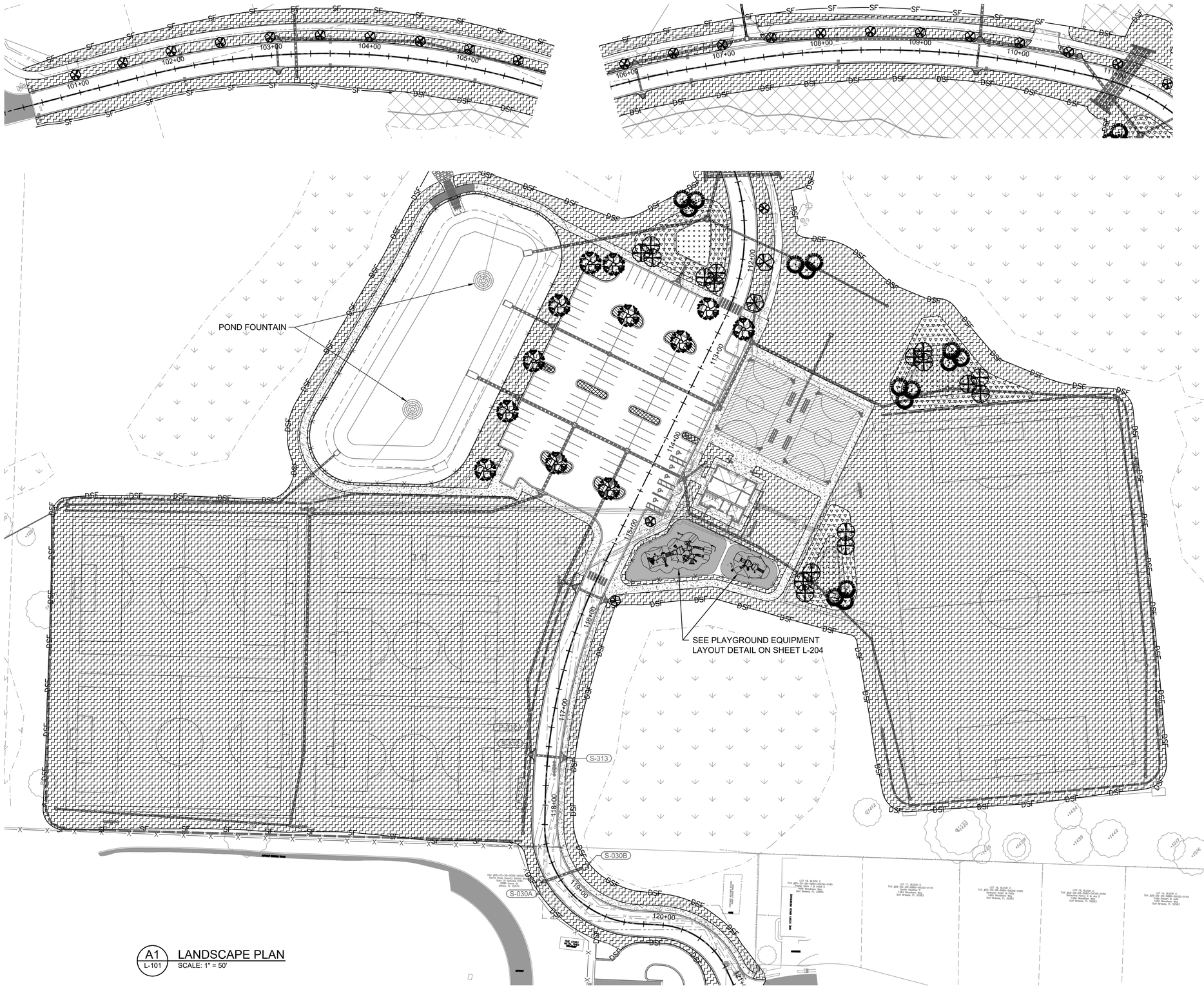
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ZACKARY W. STUHR
LICENSE
No. 77671
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
C-802
INDEX: 59 OF 65

File: Q:\ORL\202000\20 CADD_Active_Civil\202000-C-802 - Plotted: 6/13/2025 10:55 AM by STUHR, ZACK - Saved: 6/13/2025 9:30 AM by ZSTUHR

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 L-101 LANDSCAPE PLAN
SCALE: 1" = 50'

LEGEND

- WETLANDS
- Rosa "Red Drift" / Red Drift Rose ®
- Liriope muscari / Monkey Grass
- Spartina bakerii / Sand Cordgrass
- Muhlenbergia capillaris / Muhly Grass
- Cynodon dactylon '419' (CD1) / 419 bermuda grass sod
- Lagerstroemia indica 'Natchez' / Crape Myrtle
- Quercus virginiana / Live Oak
- Acer rubrum / Red Maple
- Taxodium ascendens / Pond Cypress

N

50' 0' 50' 100'

SCALE: 1"=50'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Rev.	Description	Date	Appr
-	Mark		

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

LANDSCAPE PLAN PHASE 1

moffatt & nichol
100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

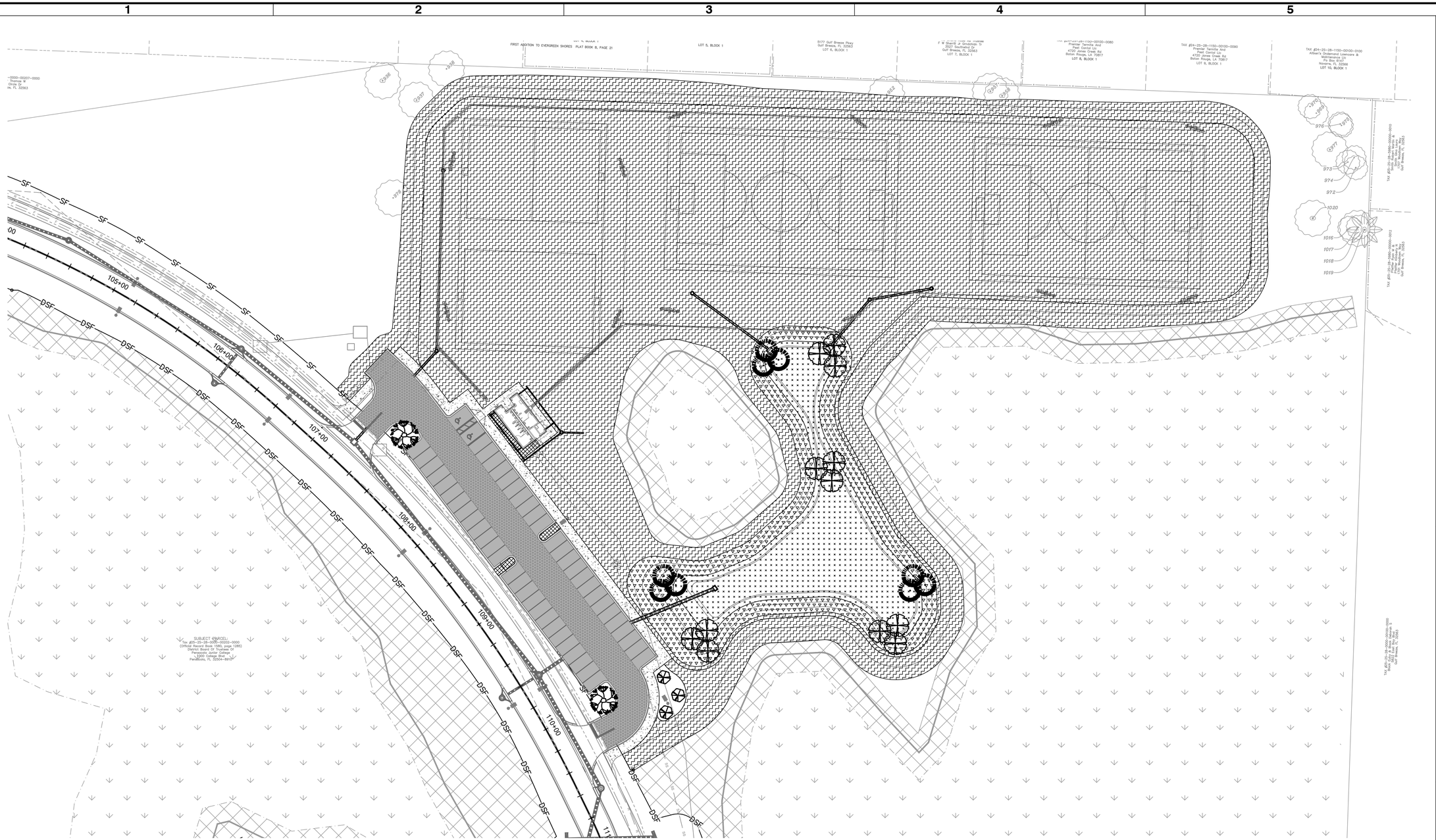
REGISTERED LANDSCAPE ARCHITECT
BRUCE W. BRODSKY
LA 0001742
STATE OF FLORIDA
SEAL

Designed by:	ZS
Drawn by:	ZS
Checked by:	JH
Reviewed by:	EN
Submitted by:	SUBMITTERS NAME MOFFATT & NICHOL
Date:	2025/02
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (0 SHEET)

Sheet Reference No.
L-101
INDEX: 60 OF 65

File: Q:\ORL\202000\20 CADD_Active_Civil\202000-L-101 - Plotted: 6/13/2025 10:56 AM by STUHR, ZACK - Saved: 6/13/2025 9:31 AM by ZSTUHR

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



LEGEND

- WETLANDS
- Rosa "Red Drift" Red Drift Rose ®
- Liriope muscari Monkey Grass
- Spartina bakerii Sand Cordgrass
- Muhlenbergia capillaris Muhly Grass
- Cynodon dactylon '419' (CD1) 419 bermuda grass sod
- Lagerstroemia indica 'Natchez' Crape Myrtle
- Quercus virginiana Live Oak
- Acer rubrum Red Maple
- Taxodium ascendens Pond Cypress

N

50' 0' 50' 100'

SCALE: 1"=50'

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

A1 / L-101 LANDSCAPE PLAN
SCALE: #########

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

LANDSCAPE PLAN PHASE 2

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by:	ZS
Drawn by:	ZS
Reviewed by:	EN
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	2025/02
Cad by:	JH
M&N Project No.	202000
Drawing scale:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev:	-

REGISTERED LANDSCAPE ARCHITECT
BRUCE W. BRODSKY
LA 0001742
STATE OF FLORIDA
SEAL

Sheet Reference No.
L-102
INDEX: 61 OF 65

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

File: Q:\ORL\2020\00020 CADD_Active_ Civil\202000-L-102 ; Plotted: 6/13/2025 10:56 AM by STUHR, ZACK ; Saved: 6/13/2025 9:31 AM by ZSTUHR

GENERAL NOTES

1. All construction shall be in accordance with the plans and written specifications. No substitutions shall be made without prior written approval by the owner's representative.
2. Written dimensions shall take precedence over scaled dimensions. The Contractor shall verify and be responsible for all dimensions and conditions on the job. The owner's representative shall be notified of any variation from the dimensions and conditions shown on the plans.
3. The Establishment Period for watering and maintenance by the Contractor shall be 365 days. The Contractor shall request an Establishment Period Inspection at the end of the 365 day Establishment Period. A representative from Santa Rosa County who is responsible for maintenance shall be in attendance at the establishment period inspection.
4. Landscape materials shall be adjusted in the field to avoid conflicts with any (proposed or existing to remain) utility structures, drainage structures, ditches, under drains, ditch blocks, storm water management facilities, paving, drainage discharge paths, signage, overhead and underground utilities, lighting and their appurtenances. The Contractor shall not install the proposed improvements if a conflict exists. Any costs to remove and/or repair work installed that has not been approved by the owner's representative shall be at the Contractor's expense.
5. The Contractor shall not bring any hazardous materials onto the project site. Should the Contractor require such for performing contracted work, the Contractor shall request, in writing, permission from the owner's representative in advance. The Contractor shall provide the owner's representative with a copy of the Material Safety Data Sheet (MSDS) for each hazardous material proposed for use. The owner's representative shall coordinate with the County prior to issuing written approval to the Contractor. Because State Law does not treat petroleum products that are properly containerized and intended for equipment use as a hazardous material, such products do not need a MSDS submittal. Any known or suspected hazardous material found on the project by the Contractor shall be immediately reported to the owner's representative, who shall direct the Contractor to protect the area of known or suspected contamination from further access. The owner's representative is to notify the County of the discovery. The County will arrange for investigation, identification and remediation of the hazardous material. The Contractor shall not return to the area of contamination until approval is provided by the owner's representative.
6. No bare earth areas shall be visible after completion of the work. Sod all disturbed areas that are not landscaped/mulched or hardscaped with 419 Bermuda Grass. The contractor shall verify the sod quantity prior to bidding.
7. Landscape improvements shall be installed by the Contractor per the latest edition of FDOT Maintenance Supplemental Specification 580, and any Planting Specifications provided with the construction documents.
8. The Contractor shall insure that, prior to moving on site, all equipment which last operated in areas known to be infested with noxious weeds is free of soil, seeds, vegetative matter, or other debris that could contain or hold seeds.
9. Quantities on Landscape Plan are minimum only. Contractor is responsible for their own quantity take-off, and shall provide all plant material required to fill plant bed area at spacing shown on plant schedule.
10. The Site Contractor shall strip and stockpile topsoil in a sufficient quantity to be able to respread the topsoil to a depth of 6" within all landscaped and turfed areas prior to any landscape and/or turf installation. If sufficient topsoil is not available for respreading, the Landscape Contractor shall provide topsoil as necessary, in accordance with the latest edition of FDOT Standard Specifications special provisions. The topsoil used in the planting operation shall be a natural, friable, fine loam soil. It shall be certified to be free of weed seeds and pathogens. It shall also be free of litter, sod, clay, stones, roots and stumps. It shall have a pH between 6.0 to 7.0.
11. All erosion control methods shall be in accordance with the Civil Plans.
12. Planting for all plant material and staking for all trees shall be in accordance with the latest edition of FDOT Design Standard Index 580-001.

PLANTING BED PREPARATION

1. All planting areas shall be stripped of all existing vegetation unless otherwise noted on the plans.
2. All planting areas shall then be treated with a pre-emergent herbicide to assure that weeds will be controlled prior to planting. Herbicide instructions shall be followed as to treatment dilution, mix, application, and time periods between applications as applicable to assure weeds are eliminated from the planting beds prior to commencing planting. Herbicide treatment shall be in accordance with guidelines provided by the FDOT for chemical control.
3. All soil amendments shall be added to the planting and thoroughly incorporated into the soil prior to commencing final grading and planting.

TRAFFIC CONTROL

1. Contractor shall follow FDOT Design Standard Index 600 series (latest edition) for Maintenance of Traffic as required during landscape installation. See Civil Plans for additional MOT requirements.

UTILITY NOTES

1. The location(s) of the utilities shown on the plans should be considered approximate only.
2. The Contractor shall notify all utilities two (2) business days prior to demolition and/or excavation. Call "Sunshine State One Call System" 1-800-432-4770 (or Call 811) so that underground utilities may be field located.
3. A Utility Representative shall be present if landscaping requires any excavation of greater than 36 inches depth within 15' of underground utilities.
4. The Contractor shall coordinate with the utility companies during construction. No Utility is to be relocated. Planting shall be adjusted horizontally, at the direction of the owner's representative, to negate any Utility conflicts.

PLANTING NOTES

1. The landscape contractor shall be responsible for attending a pre-construction meeting during which installation specifications, installation requirements, schedules, and maintenance requirements will be discussed.
2. The landscape installation must be properly sequenced with other construction so that the landscape and irrigation is not damaged by other work/trades (and vice versa).
3. The contractor shall verify the existence of and stake all utilities prior to construction. Excavation of plant pits located within 5' of utilities shall be performed by hand. Any utility/plant material conflicts shall be brought to the attention of the owner's representative prior to installation or any field adjustments.
4. The contractor shall supply all plant materials in quantities sufficient to complete the plantings shown on all drawings. All plants shall meet size, container, and spacing specifications as shown in the plant schedule. The contractor shall guarantee plant health and survivability for one year from date of project acceptance by the owner's representative. Any material not meeting specifications or displaying poor health shall be replaced at contractor's expense within 2 weeks of notice.



5. All plant material shall be Florida No. 1 or better (unless otherwise noted) as set forth in "Grades and Standards for Nursery Plants", State of Florida, latest edition standards and designations. Notify the owner's representative a minimum of one week prior to plant delivery to schedule on-site inspection upon delivery. Installed plant material not meeting specifications shall be removed and replaced at contractor's expense. All plants must be brought to the site free of weeds. Additionally, the contractor shall provide the owner's representative with representative plant photos to approve for all plant materials prior to any plant delivery. Measuring sticks shall be shown in photos, as appropriate.
6. All plant materials indicated with a gallon size shall be container grown and within a container appropriate for the plant size. Root bound plants shall not be accepted. No substitutions shall be permitted without prior approval of the owner's representative.
7. The owner's representative reserves the right to make planting bed field changes to accommodate site conditions and to achieve the design intent. The landscape contractor shall flag all tree and bedline locations for approval by the owner's representative prior to any installation.
8. Bed preparation: Loosen soil to a minimum depth of four inches and remove all debris. Regrade the bed to its preplanting subgrade. Dig planting pits at 1.5 times the diameter of the pot. Fill plant pit with approved planting mix and compact so that the top of root ball will settle to the proper level relative to finish grade. Set plant and fill remainder of hole with planting mix. Fertilize each plant with the approved type and rate of fertilizer. Water in thoroughly. Reset any plants that settle too deep. Remove spoil soil and rake the bed to its finish grade. Cover all bed areas with 3" depth (settled) of pine straw mulch with a 1" layer on the plant crown. Remove all debris from the mulch. Water bed thoroughly. Each newly planted tree not within a shrub/groundcover bed shall be centered within a layer of mulch 8' in diameter and 3" depth (settled). All pine straw shall be high grade from the 'improved slash' pine tree with a minimum needle length of eight inches.
9. The landscape contractor shall conduct representative soil analysis prior to the installation of any plant material. The landscape contractor shall notify the owner's representative of any improper soil condition (nutritional deficiencies, wetness, muck, debris, etc.) and shall recommend for approval, prior to installation, all soil amendments that may be necessary to promote healthy, vigorous plant growth.
10. The landscape contractor shall repair or replace any existing vegetation intended to remain that is disturbed by plant material installation activities. This repair/replacement shall blend seamlessly with the existing landscape.
11. The landscape contractor shall coordinate with all other trades (and plans), as necessary, in preparing planting areas, including final grade elevations.
12. All plant material must be planted immediately upon delivery to the site and watered in (by hand if the irrigation system is not functioning properly). Any plant material not installed within 6 hours of delivery to the site must be stored in an approved, protected holding area and shall be watered as necessary to maintain plant health and quality.
13. The landscape contractor shall notify the owner's representative a minimum of 48 hours prior to completion to schedule a final walk through. A final walk through shall not be performed if previous punch lists are not completed.
14. The landscape contractor shall be responsible for maintaining all plantings until final acceptance by the owner's representative. This maintenance includes keeping beds free of debris, weeds, diseases, and infestations. The landscape contractor shall also be responsible for providing sufficient water to the plants during this time.
15. The landscape contractor shall supply the owner's representative with as-built drawings in ACAD format (2010 version or later) within 30 days of project acceptance.
16. Refer to current FDOT Standard Specifications and Design Standard Indicies, the Civil Plans, the General Notes, and the Specifications for additional requirements. Where conflicts exist, the more stringent standards and specifications shall apply.
17. See Landscape Plans for littoral planting quantities, locations, specifications, warranty, and maintenance requirements, and Civil Plans for normal water elevation and maximum water elevation levels.
18. Contractor shall prune the existing trees that remain as directed by the owner's representative. Contractor shall also remove all vines from the existing trees that remain.

365-DAY ESTABLISHMENT PERIOD MAINTENANCE PLAN

The following operations shall be performed by the Contractor during the 365 Day Maintenance Period for all of the landscape (including littoral plantings) and turf area installed per the plans. The Contractor shall assume responsibility for the proper maintenance, survival and condition of all landscape items for a period of one year after the final acceptance of all installation work under the contract. At a minimum, maintenance shall occur weekly from April through October, and twice a month from November through March. The contractor shall inculde this 365-Day maintenance within their bid.

1. Mowing: It is the responsibility of the contractor to mow the contract area on a cycle sufficient to maintain the turf at a height between 1.0" to 1.5". The turf shall be mown when reaching a height between 1.5" to 2.25". Hand cutting around obstructions (signs, headwalls, light poles, and like items) and litter pickup shall be incidental to the mowing performed each cycle. The last cycle of mowing shall be performed after the final cleanup of the project.
2. Fertilizer: During the establishment period, based on plant growth monitoring and soil analysis.
3. Weeding/Edging:
   Weeding - All planting areas shall remain weed free during the establishment period. Manual removal of weeds is preferable to control by herbicide.
   Edging - Mechanically edge all planting beds that are adjacent to paving and turf areas at every mowing cycle.
4. Herbicides/Pesticides:
   a. All personnel involved in the chemical program are to receive proper training and follow the operating guidelines provided by FDOT for chemical control. Contact the local County Agricultural Extension Service for additional information regarding herbicides, pesticides and required licenses.
   b. Remove mechanically or by herbicide treatment all invasive exotic species (including aquatics) found during the establishment period.
   c. Provide plant material insect and disease control inspections continually during the establishment period and treat as necessary.
5. Pruning: Prune all plants as necessary to maintain proper form, health and vigor during the establishment period.
6. Mulch:
   a. At all trees outside of a planting bed (if applicable), a 6 foot diameter ring of pine straw mulch shall be maintained; and in all planting beds, pine straw mulch shall be maintained continually.
   b. Replenish pine straw mulch (1.5 inches depth) one month before the end of the establishment period.
7. Irrigation: Maintain the irrigation system, and provide sufficient water to ensure plant material health during the establishment period.
8. Litter Pick-Up: During the establishment period, ensure litter pickup regularly including prior to each mowing cycle.
9. Staking: Contractor shall maintain all tree staking for the duration of the establishment period. Contractor shall remove all aboveground tree staking upon final acceptance at the end of the establishment period.
10. 1-Year Option: Based upon the Contractor's maintenance performance during the 365 Day Establishment Period, the County may exercise a 1-Year Option for continued maintenance services by the Contractor.

FOR INFORMATIONAL PURPOSES - TREES WERE REMOVED UNDER PRIOR CONTRACT

TREES TO BE REMOVED

POINT #	TREE TYPE	DIAMETER IN INCHES	MITIGATION DIAMETER
902	OAK	12	3
903	OAK	8	3
922	OAK	10	3
944	OAK	25	6
945	OAK	15	4
951	OAK	8	3
959	OAK	11	3
960	OAK	13	4
961	OAK	9	3
979	OAK	8	3
980	OAK	9	3
990	OAK	8	3
991	OAK	10	3
992	OAK	8	3
993	OAK	13	4
994	OAK	10	3
1000	OAK	10	3
1001	OAK	10	3
1007	OAK	14	4
1008	OAK	14	4
1009	OAK	8	3
1023	OAK	8	3
1024	OAK	8	3
1025	OAK	8	3
1045	OAK	8	3
1051	OAK	10	3
1071	OAK	8	3
1072	OAK	8	3
1073	OAK	10	3
1074	OAK	10	3
1075	OAK	9	3
1076	OAK	9	3
1077	OAK	10	3
1078	OAK	11	3
1079	OAK	8	3
1082	OAK	8	3
1093	OAK	8	3
1094	OAK	8	3
1106	OAK	11	3
1107	MAGNOLIA	10	3
1108	OAK	10	3
1109	OAK	10	3

TREES TO BE REMOVED

POINT #	TREE TYPE	DIAMETER IN INCHES	MITIGATION DIAMETER
1110	OAK	9	3
1123	OAK	10	3
1124	OAK	10	3
1128	OAK	11	3
1129	OAK	8	3
1135	OAK	8	3
1157	OAK	10	3
1165	MAGNOLIA	10	3
1166	OAK	8	3
1175	OAK	8	3
1176	OAK	8	3
1191	MAGNOLIA	19	5
1192	MAGNOLIA	10	3
1197	OAK	11	3
1207	OAK	11	3
1209	OAK	9	3
1212	OAK	10	3
1213	OAK	19	5
1214	OAK	15	4
1215	OAK	17	4
1219	MAGNOLIA	11	3
1227	OAK	10	3
1228	OAK	9	3
1229	OAK	9	3
1237	OAK	8	3
1270	OAK	9	3
1271	OAK	8	3
1273	OAK	10	3
1274	OAK	8	3
1275	OAK	13	4
1277	OAK	8	3
1292	OAK	8	3
1293	OAK	8	3
1332	OAK	12	3
1333	OAK	17	4
1335	OAK	13	4
1336	MAGNOLIA	15	4
1337	MAGNOLIA	13	4
1367	OAK	9	3
1368	OAK	9	3
1369	OAK	8	3
1372	OAK	8	3

TREES TO BE REMOVED

POINT #	TREE TYPE	DIAMETER IN INCHES	MITIGATION DIAMETER
1373	OAK	9	3
1375	OAK	10	3
1398	OAK	9	3
1421	OAK	9	3
1436	OAK	11	3
1437	OAK	8	3
1448	OAK	12	3
1462	OAK	8	3
1463	OAK	10	3
1476	OAK	11	3
1477	OAK	8	3
1478	OAK	8	3
1479	OAK	9	3
1480	OAK	13	4
1481	OAK	10	3
1482	OAK	13	4
1483	OAK	9	3
1484	OAK	14	4
1485	OAK	8	3
1487	OAK	20	5
1488	OAK	8	3
1489	OAK	14	4
1490	OAK	8	3
1491	OAK	10	3
1492	OAK	9	3
1493	OAK	25	6
1494	OAK	12	3
1496	OAK	22	5
1497	OAK	10	3
1498	OAK	9	3
1499	OAK	12	3
1500	OAK	8	3
1507	OAK	8	3
1508	OAK	8	3
1509	OAK	8	3
1545	OAK	14	4
1568	OAK	13	4
1569	OAK	13	4
1570	OAK	47	9
1571	OAK	13	4
1572	OAK	8	3
MITIGATION REQUIRED			415

TREES TO BE PROTECTED

POINT #	TREE TYPE	DIAMETER IN INCHES	MITIGATION CREDIT
936	OAK	10	2
937	OAK	10	2
938	OAK	9	2
952	OAK	8	2
957	OAK	10	2
958	OAK	12	2
969	OAK	8	2
970	OAK	8	2
972	OAK	10	2
973	OAK	8	2
974	OAK	8	2
975	OAK	8	2
976	OAK	9	2

TREES TO BE PROTECTED

POINT #	TREE TYPE	DIAMETER IN INCHES	MITIGATION CREDIT
977	OAK	11	2
978	OAK	8	2
1016	OAK	8	2
1017	OAK	10	2
1018	OAK	8	2
1019	MAGNOLIA	13	3
1020	OAK	13	3
1290	OAK	13	3
1291	OAK	10	2
1412	OAK	11	2
1422	OAK	18	3
1423	OAK	14	3
1425	OAK	9	2

TREES TO BE PROTECTED

POINT #	TREE TYPE	DIAMETER IN INCHES	MITIGATION CREDIT
1428	OAK	10	2
1429	OAK	9	2
1434	OAK	9	2
1439	OAK	11	2
1442	OAK	13	3
1516	OAK	13	3
1517	OAK	10	2
1520	OAK	16	3
1521	OAK	9	2
1524	MAGNOLIA	8	2
1526	OAK	13	3
MITIGATION CREDIT			83

Proposed Plant Schedule

Trees					Mitigation Credit
26	LIN	Lagerstroemia indica - Natchez	Natchez Crape Myrtle	65 Gal.; 10'-12' Ht., 6'-8' Spd.; Matched Standards	104
12	QV	Quercus virginiana	Live Oak	7" - 8" Cal.; 17' - 19' Ht.; 12' - 14' Spd.; FG	96
17	AR	Acer rubrum	Red Maple	7" - 8" Cal.; 17' - 19' Ht.; 12' - 14' Spd.; FG	136
15	TA	Taxodium ascendens	Pond Cypress	7" - 8" Cal.; 17' - 19' Ht.; 12' - 14' Spd.; FG	120
Shrubs, Groundcover, and Sod					
	SB	Spartina bakeri	Sand Cord Grass	1 Gallon; full; 36" o.c.	
	MC	Muhlenbergia capillaris	Muhly Grass	1 Gallon; full; to be field located	
	DR	Rosa - Drift Rose	Red Drift Rose ®	3 Gallon; full; 24" o.c.	
	LM	Rhaphiolepsis indica - alba	Dwarf Indian Hawthorn	3 Gallon; 18"-24" Ht. x 18"-24" Spd.; 24" o.c.	
850 SY	CD1	Cynodon dactylon - 419	419 Bermuda Grass	Solid Sod; within perimeter of path around pond	
8,819 SY		Mulch		3" Depth Pine Straw	

LANDSCAPE MITIGATION	
TREES REMOVED	415 INCHES
TREES PROTECTED	83 INCHES
MITIGATION REQUIRED TREES REMOVED - TREES PROTECTED	332 INCHES
LANDSCAPE TREES PLANTED	456 INCHES

JUNE 2025
ISSUED FOR BID
NOT FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

LANDSCAPE DETAILS

moffatt & nichol
100 NORTH SPRING STREET SUITE 2 PENSACOLA, FL 32502

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

BRUCE W. BROSIUS REGISTERED LANDSCAPE ARCHITECT LA 0001742 STATE OF FLORIDA
SEAL

Designed by:	Drawn by:	Checked by:	Reviewed by:	Submitted by:
ZS	ZS	JH	EN	SUBMITTER'S NAME MOFFATT & NICHOL

Date: 2025/02
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev. -

Sheet Reference No.
L-201
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

General Hardscape Notes

1) The contractor shall comply with all applicable local, state and federal guidelines and building codes.

2) The contractor shall verify location of all utilities prior to beginning construction.

3) The construction site shall be left clean and free from debris at the end of each work day.

4) The contractor shall apply for, obtain, and pay for all required permits, unless otherwise specified. Permits shall be posted according to local, state, and federal regulations.

5) All work, material and equipment utilized shall be installed in strict accordance with the manufacturer's recommendations, specifications, and/or approved shop drawings.

6) All work for this project shall conform to standards published by recognized professional and industry organizations, and shall be in accordance with the latest edition of the FDOT Standard Specifications. Where conflicts exist, the more stringent standards and specifications shall apply.

7) The contractor shall be responsible for visiting the site and becoming familiar with all existing conditions affecting the work prior to bidding.

8) The contractor shall submit unit prices for all line items in their bid.

9) The contractor shall seek clarification prior to bidding from the owner's representative and County Engineer for any discrepancies between the hardscape, landscape, civil, and any other drawings. In the event of conflicts, the most stringent requirements shall apply.

10) The contractor shall seek clarification prior to bidding on any questions concerning conditions, drawings, dimensions, details, and specifications that will affect submission of a complete and accurate bid. Submission of questions shall conform to the requirements set forth in the instructions to bidders.

11) The contractor shall obtain prior written approval from the owner's representative and County Engineer for any deviation from the contract documents.

12) All requests for information clarification, deviation, or substitution for items in the contract documents shall be made in writing through the owner's representative. The owner's representative shall have seven (7) working days in which to respond.

13) The contractor shall be responsible for preparing and maintaining all construction areas free of debris and hazardous materials throughout the construction process.

14) The contractor shall be responsible for the repair and/or replacement of any items/areas damaged during the construction process.

15) The contractor shall lay out and verify all dimensions in the field prior to the start of construction and report any discrepancies immediately to the owner's representative. Construction shall not begin until the layout has been approved by the owner's representative.

16) Dimensions shall not be scaled from the contract documents. Written dimensions shown on the plans shall rule. In the case of ambiguity the contractor shall request in writing a clarification of dimensions from the owner's representative.

17) Quantities shown on schedules are for informational purposes only. Contractor shall verify all quantities. Where there is a discrepancy between the quantity shown on the schedule and the quantity of items shown on the plans, contractor shall notify owner's representative in writing for clarification.

18) The contractor shall submit shop drawings for approval prior to the start of fabrication and/or purchase for all applicable items. The contractor shall submit five (5) sets of shop drawings to the owner's representative. The owner's representative shall have seven (7) working days in which to respond.

19) Prior to mobilization and commencement of work, the Contractor shall attend a pre-construction conference with County officials, the civil engineer, and the landscape architect.

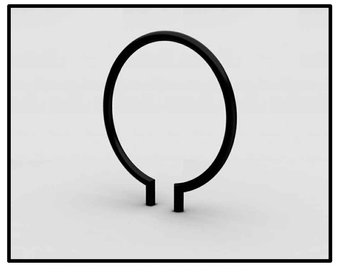


LANDSCAPEFORMS - MELVILLE BENCH

- 72" Backed Bench with One Divider (Divider not shown)
- Jarrah Wood Seat Panels
- Surface Mount (Bolted)
- Powder Coat Color - Storm Cloud

Install per the Manufacturer's Specifications

D3 / L-202 BENCH SCALE: NTS



LANDSCAPEFORMS - RING BIKE RACK

- Embedded
- Powder Coat Color - Storm Cloud
- Use 4 at location shown on plans

Install per the Manufacturer's Specifications

D4 / L-202 BIKE RACK SCALE: NTS



LANDSCAPEFORMS - POE TRASH RECEPTACLE

- Side Opening
- 34-Gallon
- One Liner
- Powder Coat Color - Storm Cloud

Install per the Manufacturer's Specifications

D5 / L-202 TRASH RECEPTACLE SCALE: NTS



OTTERBINE BAREBO, INC. - SUNBURST

Aerating Fountain Unit:
2 @ 01-0015-236

Aerating Fountain Patterns:
2 @ 18-0081

Cable Options:
500' @ 08-0021-063
300' @ 08-0021-083

Lights:
2 @ 02-0009-002

Light Cable:
800 @ 08-0029-123

Install per the Manufacturer's Specifications

C3 / L-202 POND FOUNTAIN SCALE: NTS

Hardscape Materials Schedule*

Qty.	Unit	Description	Model Number	Specifications
12	EA	Bench	Melville	Landscapeforms
4	EA	Bike Rack	Ring	Landscapeforms
10	EA	Trash Receptacle	Poe	Landscapeforms
2	EA	Pond Fountain	Sunburst	Otterbine Barebo, Inc.

*Or Approved Equals

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SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Rev:	Date	Description	Appr
-			

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

LANDSCAPE DETAILS

Date: 2025/02
M&N Project No: 202000
Drawing scale:
Drawing Scale: 1:1 (0 SHEET)
Plot scale: 1:1 (0 SHEET)
Designed by: ZS
Drawn by: ZS
Checked by: JH
Reviewed by: EN
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

moffatt & nichol
100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502

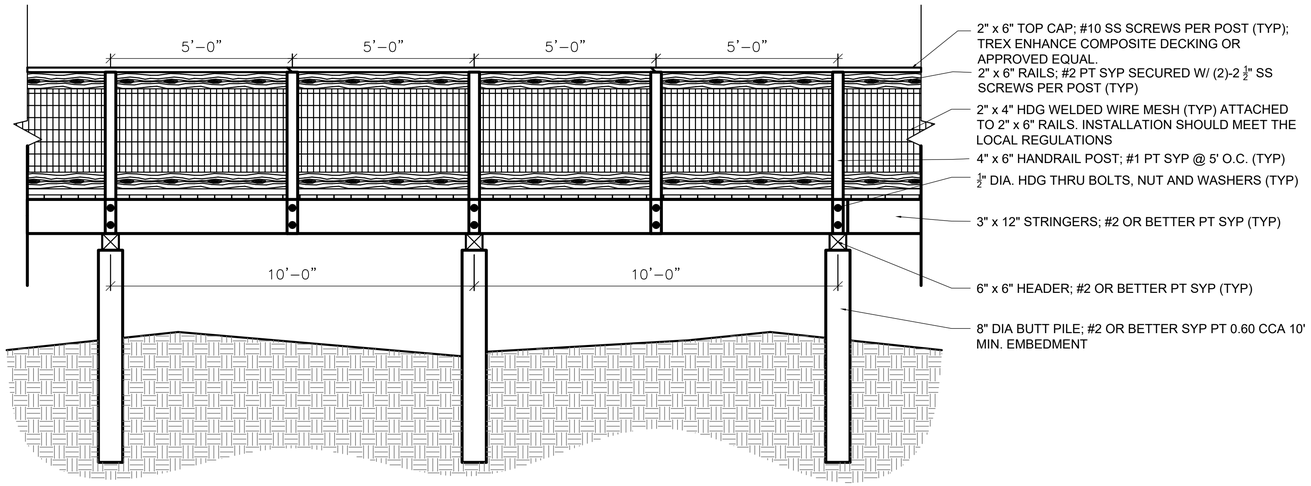
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

REGISTERED LANDSCAPE ARCHITECT
BRUCE W. BRODSKY
LA 0001742
STATE OF FLORIDA
SEAL

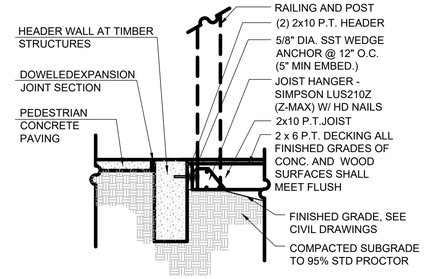
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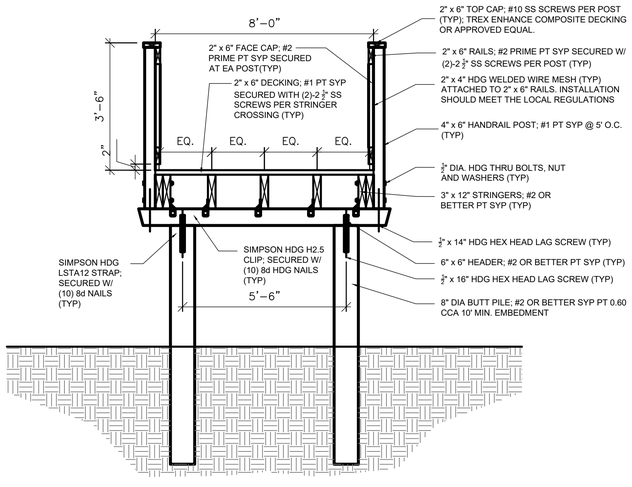
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



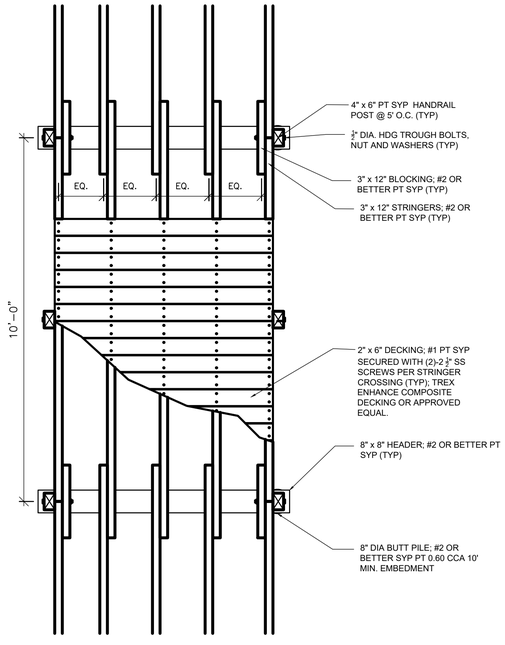
C1 L-203 BOARDWALK ELEVATION ENLARGEMENT
SCALE: NTS



C4 L-203 BOARDWALK AND CONCRETE PAVING CONNECTION
SCALE: NTS



A1 L-203 BOARDWALK SECTION
SCALE: NTS



A3 L-203 BOARDWALK FRAMING PLAN
SCALE: NTS

NOTE:
1. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A SET OF BOARDWALK PLANS THAT HAVE BEEN SIGNED AND SEALED BY A FLORIDA REGISTERED STRUCTURAL ENGINEER.
2. ALL INSTALLATIONS SHOULD MEET LOCAL REGULATIONS

BOARDWALK BY NATURE BRIDGES (OR APPROVED EQUAL)

Nature Bridges
BD Innova, Inc.

2074 RAYNOND DIEHL ROAD
TALLAHASSEE, FLORIDA 32308
PH. 850-385-3234, FAX 850-385-3493
www.naturebridges.com

JUNE 2025
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr
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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

LANDSCAPE DETAILS

moffatt & nichol
100 NORTH SPRING STREET SUITE 2 PENSACOLA, FL 32502

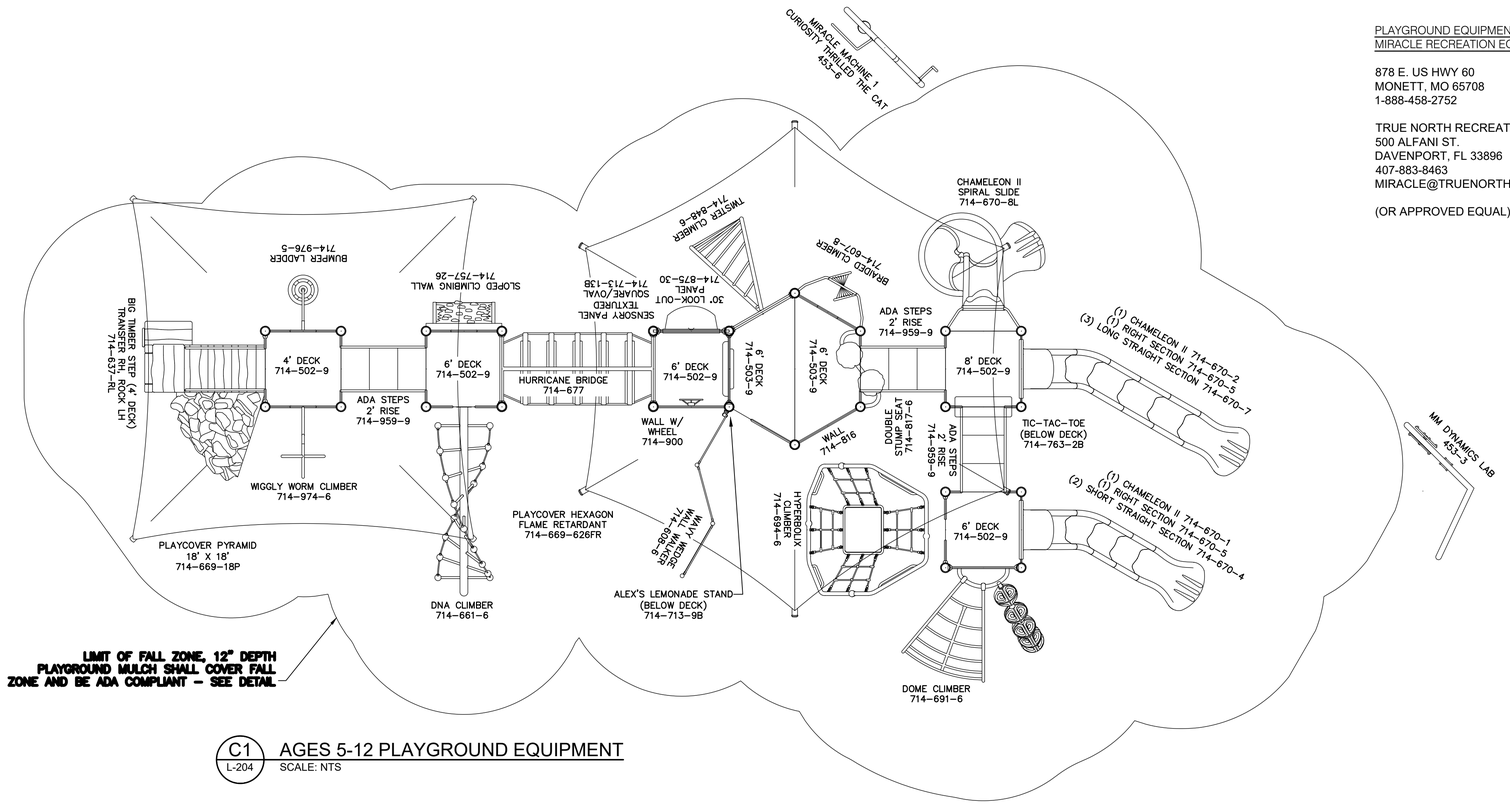
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by: ZS	Drawn by: ZS	Reviewed by: EN	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2025/02	Cad by: JH	M&N Project No. 202000	Drawing code:
Rev. -			Drawing Scale: Plot scale: 1:1 (D SHEET)

BRUCE W. BRODSKY REGISTERED LANDSCAPE ARCHITECT
LA 0001742
STATE OF FLORIDA
SEAL

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C1 L-204 AGES 5-12 PLAYGROUND EQUIPMENT
SCALE: NTS

PLAYGROUND EQUIPMENT
MIRACLE RECREATION EQUIPMENT. CO.

878 E. US HWY 60
MONETT, MO 65708
1-888-458-2752

TRUE NORTH RECREATION
500 ALFANI ST.
DAVENPORT, FL 33896
407-883-8463
MIRACLE@TRUENORTHRECREATION.COM

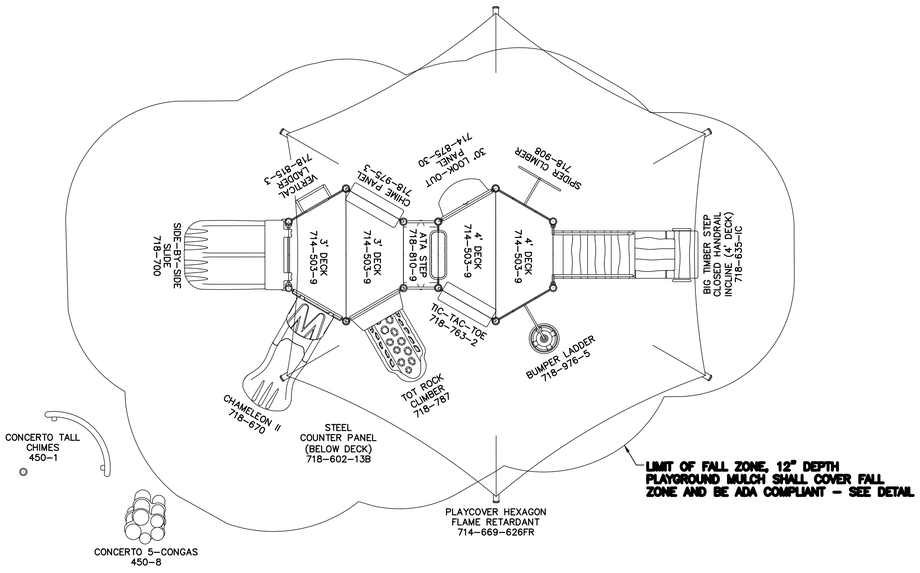
(OR APPROVED EQUAL)





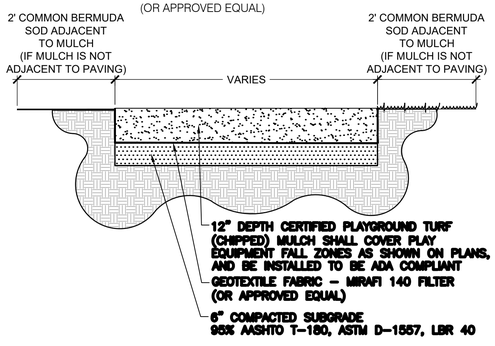






A1 L-204 AGES 2-5 PLAYGROUND EQUIPMENT
SCALE: NTS

NATURAL COLOR CERTIFIED PLAYGROUND TURF (CHIPPED) BY:
AMERIGROW
WWW.INFO@AMERIGROW.COM
(OR APPROVED EQUAL)



A3 L-204 CERTIFIED PLAYGROUND TURF (CHIPPED) MULCH
SCALE: NTS

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IN GOD WE TRUST

Mark	Description	Date	Appr
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SOUTH SANTA ROSA COUNTY
SPORTS COMPLEX AT PSC

LANDSCAPE DETAILS

Rev.	Date:	Designed by:	Dwn by:	Reviewed by:	Submitted by:
-	2025/02	ZS	ZS	EN	SUBMITTER'S NAME MOFFATT & NICHOL

M&N Project No.	Ckd by:	Drawing scale:	Plot scale:
202000	JH		1:1 (D SHEET)

Drawing circle:

100 NORTH SPRING STREET
SUITE 2
PENSACOLA, FL 32502
moffatt & nichol

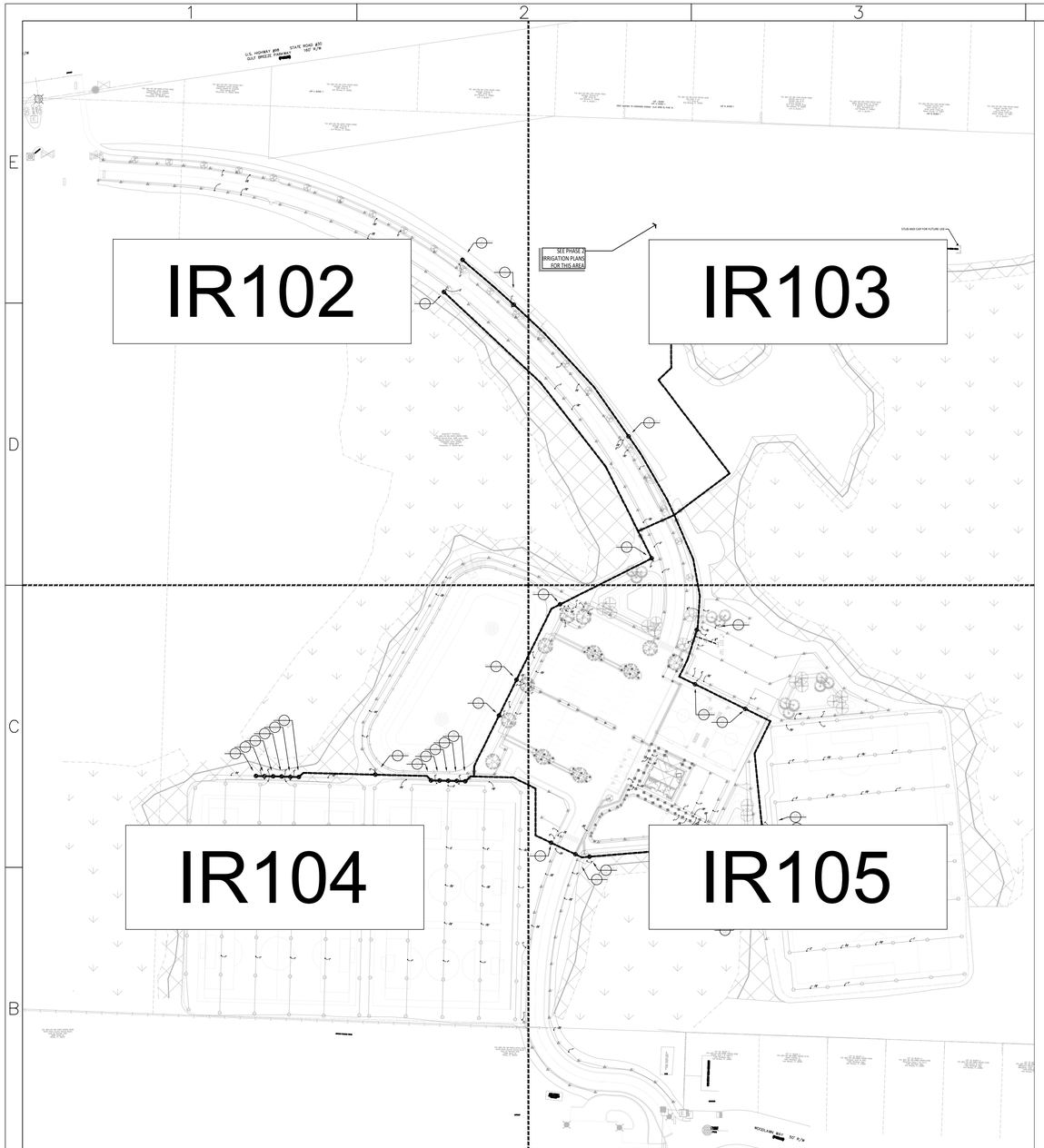
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

BRUCE W. BROUGHTON
REGISTERED LANDSCAPE ARCHITECT
LA 0001743
STATE OF FLORIDA
SEAL

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



NOTES:

1. IRRIGATION DRAWINGS SHALL BE CONSIDERED SCHEMATIC FOR GRAPHIC CLARITY. ALL PIPE AND IRRIGATION COMPONENTS SHALL BE INSTALLED IN LANDSCAPE PLANTED AREAS UNLESS CROSSING IMPERVIOUS HARDSCAPE, CONCRETE, ASPHALT OR OTHER. WHERE DEVIATIONS FROM THIS SCHEMATIC ARE NECESSARY CONTRACTOR SHALL MAINTAIN PIPE SIZING AND HYDRAULIC INTENT AND INSTALL SLEEVING PER SPECS UNDER ALL IMPERVIOUS SURFACES. ANY DEVIATIONS FROM HYDRO-ZONING OR PRODUCTS SHALL REQUIRE THE APPROVAL OF THE LANDSCAPE ARCHITECT OR OWNER.
2. ALL POP UP SPRAY/POP UP ROTOR NOZZLES SHALL BE OF MATCHED PRECIPITATION RATES SO AS TO EQUALLY IRRIGATION TURFGRASS AND AVOID PONDING/DRY SPOTS. EXAMPLE: ½ SPRAY PRECIPITATION RATE IS EQUAL TO THAT OF A FULL CIRCLE SPRAY. NON MPR NOZZLES WOULD RESULT IN TOO MUCH WATER OR NOT ENOUGH. IT IS RECOMMENDED THAT ALL IRRIGATION CONTRACTORS UNDERSTAND THE PRINCIPLES OF MATCHED PRECIPITATION RATES.
3. WIRELESS RAIN/FREEZE SENSORS AND ALL COMPONENTS WHICH UTILIZE A BATTERY SHALL BE CHECKED AND REPLACED (IF NEEDED) ON A MONTHLY BASIS. MINIMUM BATTERY REPLACEMENT EVERY 6 MONTHS.
4. IRRIGATION MAINLINE AND ISOLATION VALVES SHALL BE UNDERSTOOD TO BE A PART OF THE PHASE 1 BASE BID. PHASE 2 BID OPTION SHALL ONLY PERTAIN TO ADDITIONAL IRRIGATION REMOTE CONTROL ZONE VALVES, ZONE LATERAL PIPE AND IRRIGATION HEADS WITHIN THE HIGHLIGHTED AREAS.
5. THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS TO LANDSCAPE ARCHITECT AND OWNER SHOWING ALL INFORMATION REQUIRED BY LOCAL CODES AND NECESSARY FOR THE EFFICIENT OPERATION AND MAINTENANCE OF THE SYSTEM.
6. EARTH GROUNDING IS REQUIRED PER MANUFACTURER'S SPECIFICATIONS.
7. ALL WIRE SPLICES SHALL OCCUR IN A VALVE BOX WITH DBR WATERPROOF WIRE SPLICE KITS AND LOCATED ON THE AS-BUILT DRAWINGS PROVIDED TO THE OWNER.
8. IRRIGATION SCHEDULES ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR PERFORMING THEIR OWN TAKE OFF BASED ON PLAN DOCUMENTS & ENSURING UNIFORM COVERAGE OF LANDSCAPED AREAS.
9. IRRIGATION WATER SCHEDULE SHALL BE UNDERSTOOD TO BE FOR INFORMATIONAL PURPOSES ONLY. SHOULD LANDSCAPE MATERIAL REQUIRE INCREASED PRECIPITATION THE IRRIGATION WATERING SCHEDULE SHALL BE ADJUSTED AS NEEDED TO ENSURE A HEALTHY LANDSCAPE.
10. IRRIGATION SYSTEM AND ITS COMPONENTS SHALL BE INSTALLED ACCORDING TO MANUFACTURES' SPECIFICATIONS.
11. ALL UTILITIES SHALL BE PROPERLY LOCATED AND IDENTIFIED BY CONTRACTOR PRIOR TO MOBILIZATION. NO UTILITY SHALL BE RELOCATED. SHOULD CONFLICT OCCUR, CONTRACTOR SHALL COORDINATE WITH IRRIGATION DESIGNER TO REROUTE IRRIGATION LINES ACCORDINGLY.

PHASE 1 SPRAY/BUBBLER SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	DETAIL
EST LCS RCS CST SST	SHRUB SPRAY-6" POP UP 15 STRIP SERIES SHRUB SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH CHECK VALVE, PRESSURE REGULATING DEVICE, AND NON-POTABLE PURPLE CAP.	21	30	3/IR202
Q T H TQ F	SHRUB SPRAY-6" POP UP 12 SERIES MPR SHRUB SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH CHECK VALVE, PRESSURE REGULATING DEVICE, AND NON-POTABLE PURPLE CAP.	61	30	3/IR202
Q T H TQ F	SHRUB SPRAY-6" POP UP 15 SERIES MPR SHRUB SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH CHECK VALVE, PRESSURE REGULATING DEVICE, AND NON-POTABLE PURPLE CAP.	6	30	3/IR202
1401 1402 1404 1408	FLOOD BUBBLER 1401 FLOOD BUBBLER, FIPT ON FUNNY PIPE.	70	40	1/IR202

PHASE 1 TURF ROTOR SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	DETAIL
0.4	SPORTS FIELD TURF ROTOR 04 TURF ROTOR, 4" POP-UP, STAINLESS STEEL RISER, ADJUSTABLE AND FULL CIRCLE. WITH REMOVABLE CHECK VALVE, 1" FEMALE THREADED INLET. WITH NON-POTABLE PURPLE COVER.	66	60	4	2/IR202
0.8	SPORTS FIELD TURF ROTOR 08 TURF ROTOR, 4" POP-UP, STAINLESS STEEL RISER, ADJUSTABLE AND FULL CIRCLE. WITH REMOVABLE CHECK VALVE, 1" FEMALE THREADED INLET. WITH NON-POTABLE PURPLE COVER.	59	60	8.2	2/IR202
3.0	TURF ROTOR-6" POP UP 3.0 TURF ROTOR, 6IN. POP-UP WITH PLASTIC RISER. ADJUSTABLE TO FULL CIRCLE. STANDARD ANGLE NOZZLE, IN-STEM PRESSURE REGULATOR, AND FLOW SHUT-OFF DEVICE. WITH CHECK VALVE. NP COLORS	167	45	3.09	4/IR202

PHASE 1 VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	PSI	PRECIP
1	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	46.35	56.7	0.2 in/h
2	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	46.35	56.8	0.2 in/h
3	REMOTE CONTROL VALVE	1-1/2"	BUBBLER	14	46.8	1.7 in/h
4	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	46.35	53.0	0.23 in/h
5	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	46.35	55.9	0.22 in/h
6	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	46.35	53.1	0.26 in/h
7	REMOTE CONTROL VALVE	1-1/2"	SHRUB SPRAY	26.88	36.7	1.31 in/h
8	REMOTE CONTROL VALVE	1-1/2"	BUBBLER	10	46.1	1.7 in/h
9	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	43.26	56.2	0.22 in/h
10	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	28	70.4	0.22 in/h
11	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	49	68.9	0.26 in/h
12	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	49	68.2	0.27 in/h
13	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	49	68.2	0.27 in/h
14	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	49	68.9	0.27 in/h
15	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	28	70.6	1.18 in/h
16	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	28	70.3	1.18 in/h
17	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	49	68.5	0.26 in/h
18	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	49	68.0	0.26 in/h
19	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	49	68.6	0.26 in/h
20	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	28	70.3	0.38 in/h
21	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	40.17	56.8	0.22 in/h
22	REMOTE CONTROL VALVE	1-1/2"	SHRUB SPRAY	26.76	38.5	1.25 in/h
23	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	40.17	55.9	0.21 in/h
24	REMOTE CONTROL VALVE	1-1/2"	SHRUB SPRAY	31.35	37.7	1.56 in/h
25	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	27.81	50.8	0.73 in/h
26	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	52.53	52.9	0.23 in/h
27	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	24	69.7	0.23 in/h
28	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	40.8	67.9	0.27 in/h
29	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	40.8	67.4	0.27 in/h
30	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	40.8	67.1	0.28 in/h
31	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	40.8	67.1	0.28 in/h
32	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	40.8	67.5	0.27 in/h
33	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	40.8	67.9	0.29 in/h
34	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	24	69.8	0.36 in/h
35	REMOTE CONTROL VALVE	1-1/2"	BUBBLER	11	46.2	1.7 in/h
36	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	40.17	54.0	0.24 in/h
37	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	40.17	51.9	0.2 in/h

PHASE 1 EQUIPMENT SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	REMOTE CONTROL VALVE 1-1/2" 1", 1-1/2", 2" PLASTIC INDUSTRIAL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION. WITH PRESSURE REGULATOR MODULE, AND PURPLE FLOW HANDLE FOR NON-POTABLE WATER USE.	37	8/IR201
	SHUT OFF VALVE CAST IRON RESILIENT WEDGE PUSH ON ISOLATION VALVE. SQUARE NUT.	10	
C	2-WIRE DECODER BASED CONTROLLER 2-WIRE DECODER BASED CONTROLLER, INDOOR MOUNT.	1	
FS	FLOW SENSOR	1	9/IR201
RS	RAIN SENSOR	1	
4" EFF TAP	POINT OF CONNECTION 4" EFFLUENT WATER LINE PROVIDED BY OTHERS. 200 GPM @ 60 PSI. CONTRACTOR SHALL VERIFY FLOW AND PRESSURE PRIOR TO MOBILIZATION.	1	
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1"	10,780 LF	
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1 1/2"	4,933 LF	
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 2"	2,357 LF	
	IRRIGATION MAINLINE: HDPE PE4710 DR 11 2"	3,819 LF	
	IRRIGATION MAINLINE: HDPE PE4710 DR 11 3"	35.8 LF	
	PIPE SLEEVE: PVC SCHEDULE 40	533.0 LF	

Valve Callout
Valve Number
Valve Flow
Valve Size

Jerry Pate Design
301 Schubert Drive - Pensacola, FL 32504
850-479-4653 www.JerryPateDesign.com

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SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PHASE 1-IRRIGATION KEY PLAN

moffatt & nichol
730 BAYFRONT PARKWAY
SUITE 5B
PENSACOLA, FL 32502

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

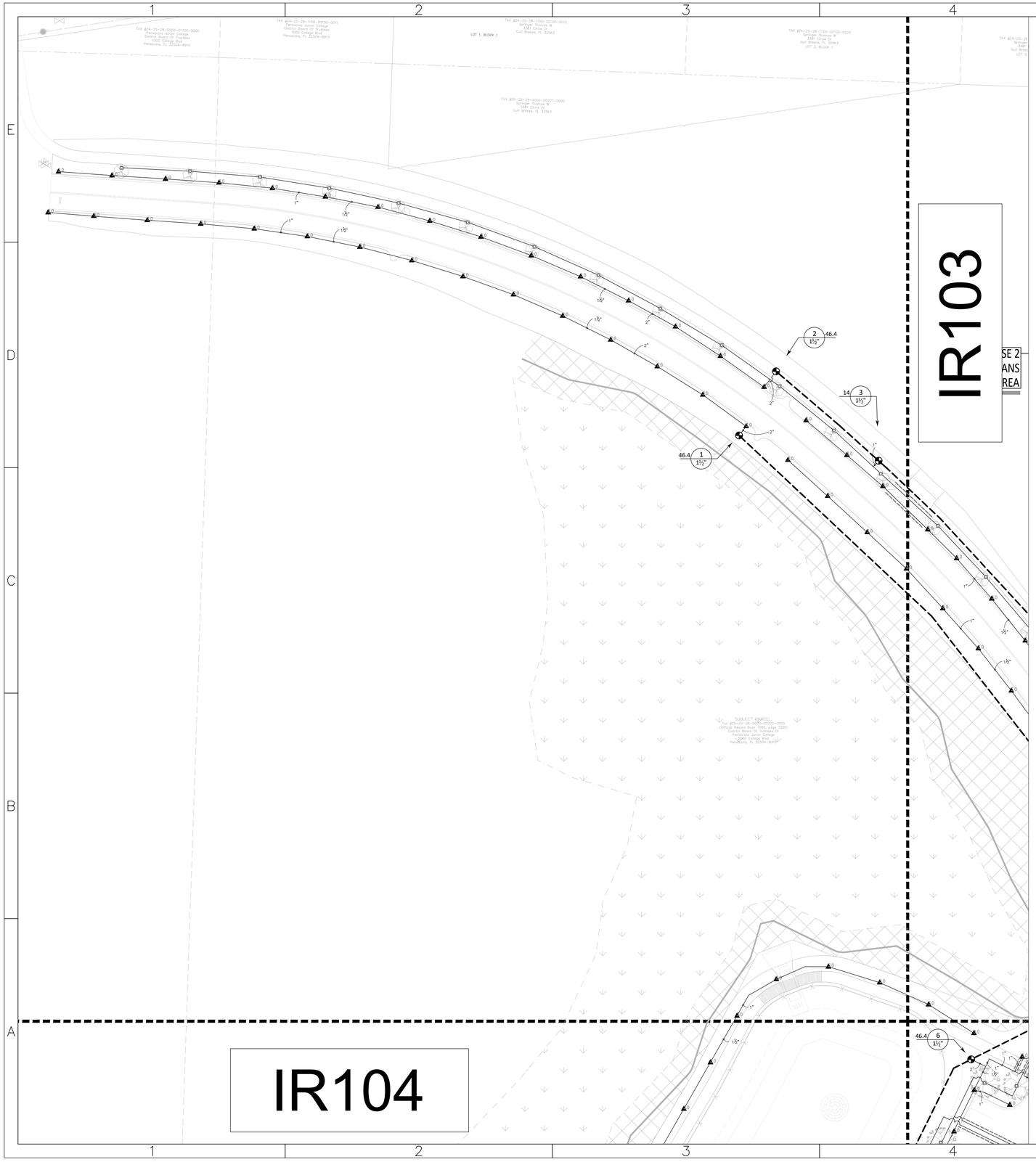
Designed by: B. ALEXANDER	Date: MARCH 2025
Drawn by: E. HEDGES	Chkd by: B. ALEXANDER
Reviewed by: S. DANA	M&N Project No. 202000
Submitted by: B. ALEXANDER JERRY PATE DESIGN	Drawing code:
	Drawing Scale: Plot scale: 1:1 (D SHEET)

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Sheet
Reference No.
IR101

INDEX: 1 OF 10

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



PHASE 1 IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
EST LCS RCS CST SST	SHRUB SPRAY-6" POP UP 15 STRIP SERIES
12 Q, 12 T, 12 H, 12 TQ, 12 F	SHRUB SPRAY-6" POP UP 12 SERIES MPR
15 Q, 15 T, 15 H, 15 TQ, 15 F	SHRUB SPRAY-6" POP UP 15 SERIES MPR
1401 1402 1404 1408	FLOOD BUBBLER 1401

SYMBOL	MANUFACTURER/MODEL
04	SPORTS FIELD TURF ROTOR 04
08	SPORTS FIELD TURF ROTOR 08
3.0	TURF ROTOR-6" POP UP 3.0

SYMBOL	MANUFACTURER/MODEL
	REMOTE CONTROL VALVE 1-1/2"
	SHUT OFF VALVE
C	2-WIRE DECODER BASED CONTROLLER
FS	FLOW SENSOR
R	RAIN SENSOR
4" EFF TAP	POINT OF CONNECTION
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1 1/2"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 2"
	IRRIGATION MAINLINE: HDPE PE4710 DR 11 2"
	IRRIGATION MAINLINE: HDPE PE4710 DR 11 3"
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
- # — Valve Number
- # — Valve Flow
- # — Valve Size

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PHASE 1-IRRIGATION PLAN

730 BAYFRONT PARKWAY
SUITE 5B
PENSACOLA, FL 32502
moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by:	B. ALEXANDER
Drawn by:	E. HEDGES
Ckd by:	B. ALEXANDER
Reviewed by:	S. DANA
Submitted by:	B. ALEXANDER, JERRY PATE DESIGN
Date:	MARCH 2025
M&N Project No.	202000
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Rev.	

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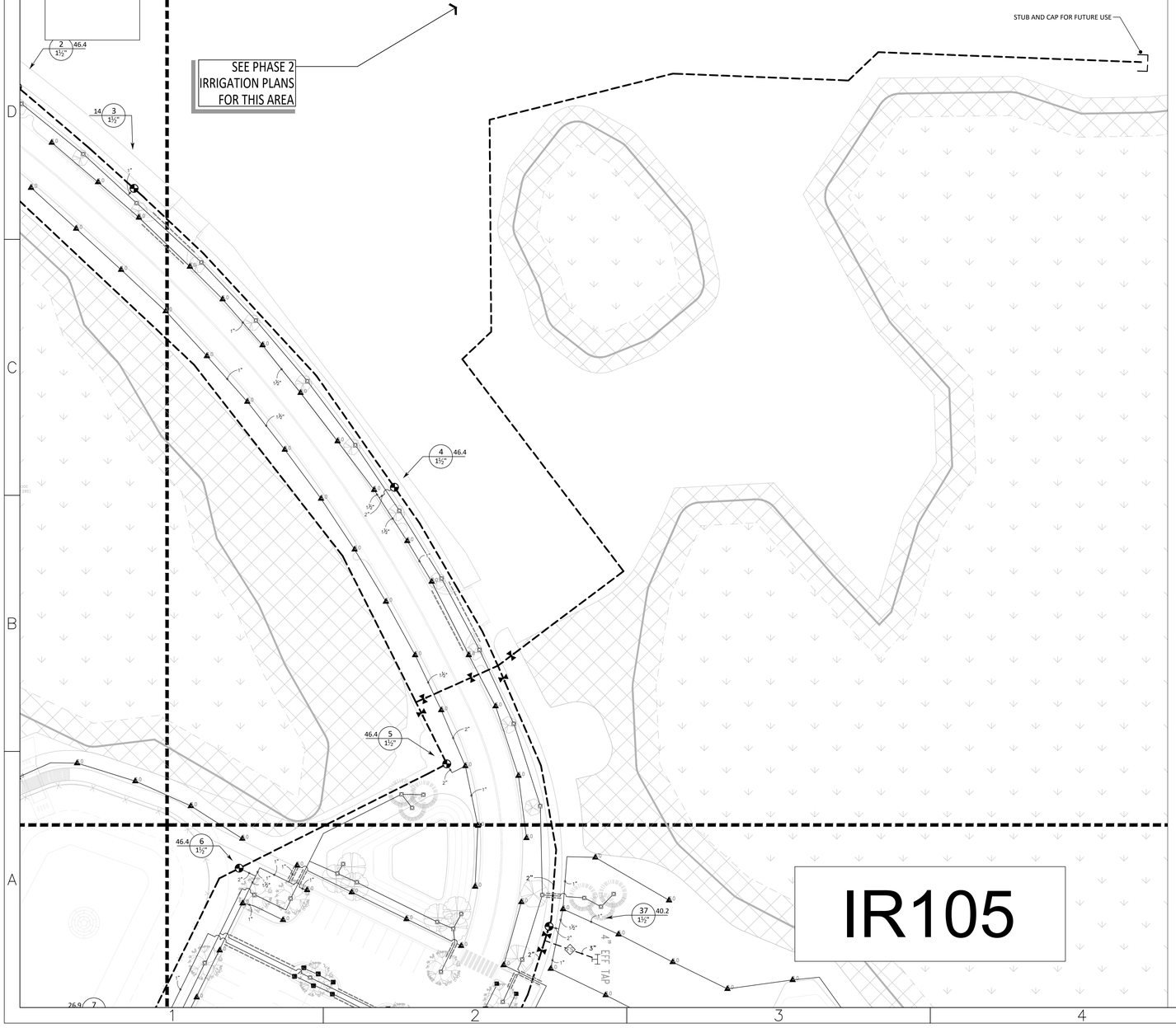
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

IR102

SEE PHASE 2 IRRIGATION PLANS FOR THIS AREA

STUB AND CAP FOR FUTURE USE



IR105

PHASE 1 IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
EST LCS RCS CST SST	SHRUB SPRAY-6" POP UP 15 STRIP SERIES
Q T H TQ F	SHRUB SPRAY-6" POP UP 12 SERIES MPR
Q T H TQ F	SHRUB SPRAY-6" POP UP 15 SERIES MPR
1401 1402 1404 1408	FLOOD BUBBLER 1401

SYMBOL	MANUFACTURER/MODEL
04	SPORTS FIELD TURF ROTOR 04
08	SPORTS FIELD TURF ROTOR 08
3.0	TURF ROTOR-6" POP UP 3.0

SYMBOL	MANUFACTURER/MODEL
	REMOTE CONTROL VALVE 1-1/2"
	SHUT OFF VALVE
C	2-WIRE DECODER BASED CONTROLLER
FS	FLOW SENSOR
R	RAIN SENSOR
4" EFF TAP	POINT OF CONNECTION
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1 1/2"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 2"
	IRRIGATION MAINLINE: HDPE PE4710 DR 11 2"
	IRRIGATION MAINLINE: HDPE PE4710 DR 11 3"
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
- Valve Number
- Valve Flow
- Valve Size

GRAPHIC SCALE 0 20' 40' 80' — 1 IN = 40 FT

N

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SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PHASE 1-IRRIGATION PLAN

moffatt & nichol
730 BAYFRONT PARKWAY SUITE 5B PENSACOLA, FL 32502

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by:	B. ALEXANDER
Drawn by:	E. HEDGES
Chkd by:	B. ALEXANDER
Reviewed by:	S. DANA
Submitted by:	B. ALEXANDER JERRY PATE DESIGN
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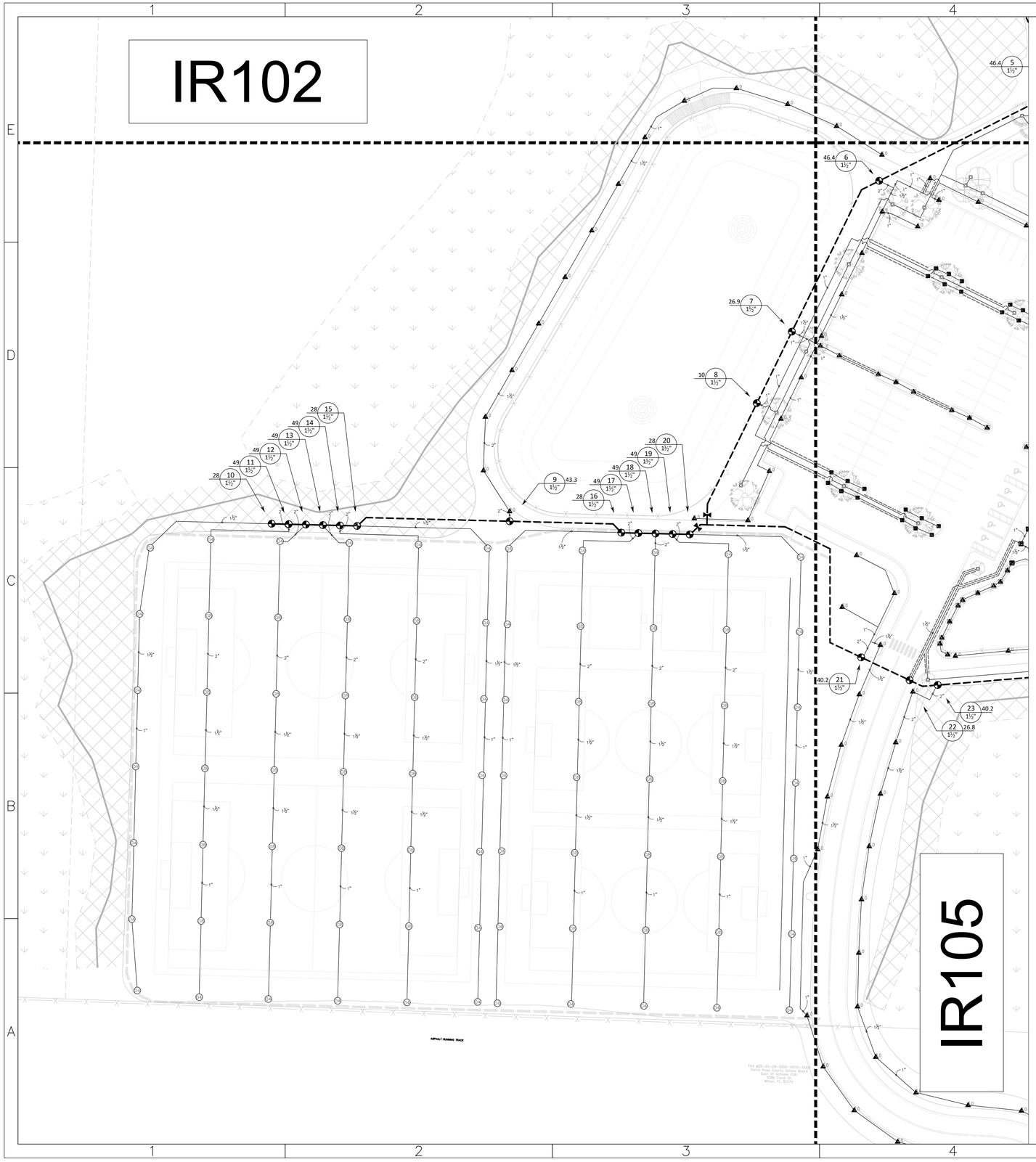
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Sheet Reference No.
IR103

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

IR102



IR105

PHASE 1 IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
EST LCS RCS EST SST	SHRUB SPRAY-6" POP UP 15 STRIP SERIES
12 Q, 12 T, 12 H, 12 TQ, 12 F	SHRUB SPRAY-6" POP UP 12 SERIES MPR
15 Q, 15 T, 15 H, 15 TQ, 15 F	SHRUB SPRAY-6" POP UP 15 SERIES MPR
1401 1402 1404 1408	FLOOD BUBBLER 1401

SYMBOL	MANUFACTURER/MODEL
14	SPORTS FIELD TURF ROTOR 04
18	SPORTS FIELD TURF ROTOR 08
3.0	TURF ROTOR-6" POP UP 3.0

SYMBOL	MANUFACTURER/MODEL
	REMOTE CONTROL VALVE 1-1/2"
	SHUT OFF VALVE
C	2-WIRE DECODER BASED CONTROLLER
FS	FLOW SENSOR
R	RAIN SENSOR
4" EFF TAP	POINT OF CONNECTION
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1 1/2"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 2"
	IRRIGATION MAINLINE: HDPE PE4710 DR 11 2"
	IRRIGATION MAINLINE: HDPE PE4710 DR 11 3"
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
- # — Valve Number
- # — Valve Flow
- # — Valve Size

GRAPHIC SCALE 1 IN = 40 FT
0 20' 40' 80'

N

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SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr.

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PHASE 1-IRRIGATION PLAN

moffatt & nichol
730 BAYFRONT PARKWAY
SUITE 5B
PENSACOLA, FL 32502

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by:	B. ALEXANDER
Drawn by:	E. HEDGES
Checked by:	B. ALEXANDER
Reviewed by:	S. DANA
Submitted by:	B. ALEXANDER, JERRY PATE DESIGN
Date:	MARCH 2025
M&N Project No.	202000
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Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev.	

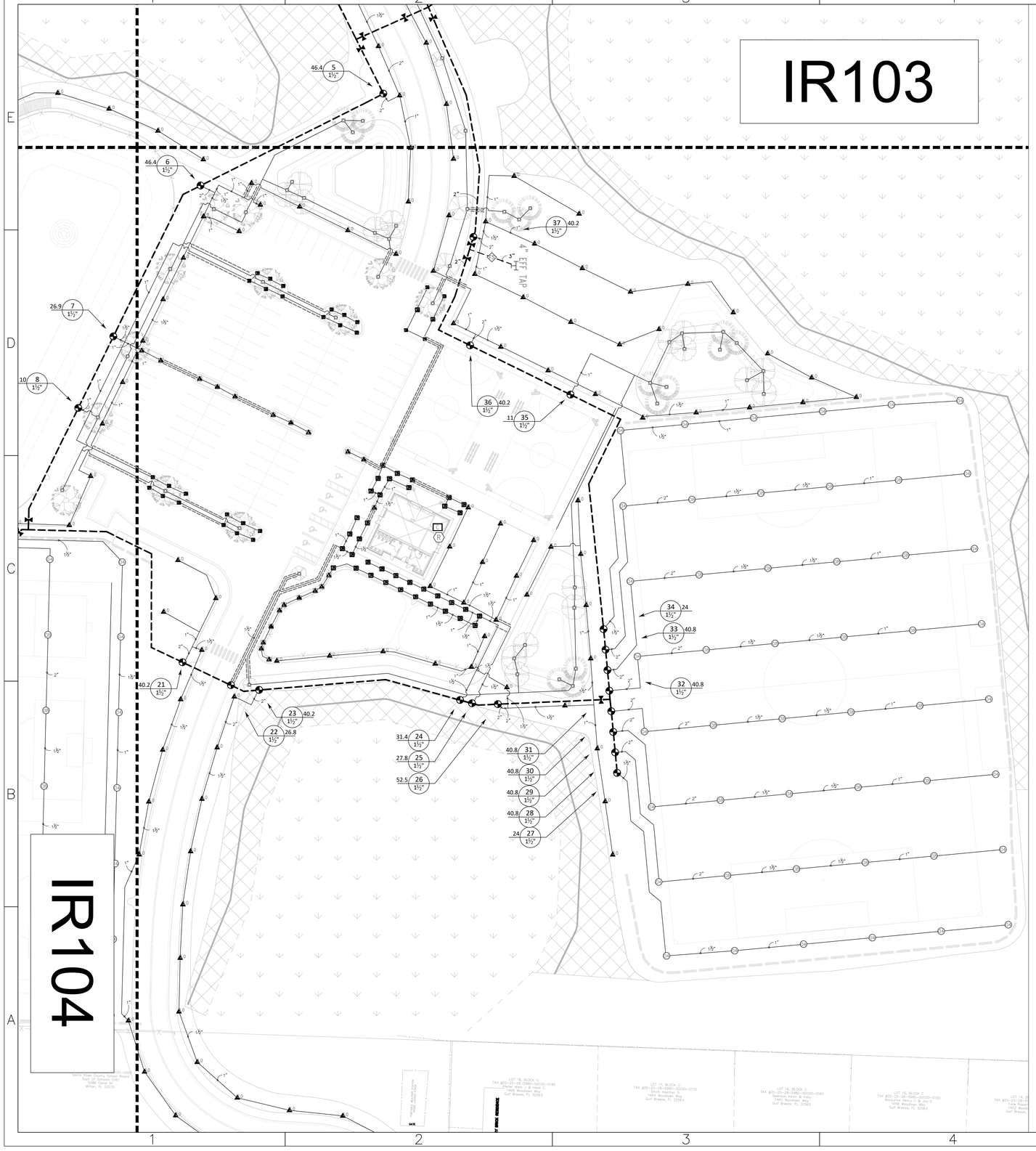
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IR104

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

IR103



PHASE 1 IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
EST LCS RCS EST SST	SHRUB SPRAY-6" POP UP 15 STRIP SERIES
12 Q, 12 T, 12 H, 12 TQ, 12 F	SHRUB SPRAY-6" POP UP 12 SERIES MPR
15 Q, 15 T, 15 H, 15 TQ, 15 F	SHRUB SPRAY-6" POP UP 15 SERIES MPR
1401 1402 1404 1408	FLOOD BUBBLER 1401

SYMBOL	MANUFACTURER/MODEL
04	SPORTS FIELD TURF ROTOR 04
08	SPORTS FIELD TURF ROTOR 08
3.0	TURF ROTOR-6" POP UP 3.0

SYMBOL	MANUFACTURER/MODEL
	REMOTE CONTROL VALVE 1-1/2"
	SHUT OFF VALVE
C	2-WIRE DECODER BASED CONTROLLER
FS	FLOW SENSOR
R	RAIN SENSOR
4" EFF TAP	POINT OF CONNECTION
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1 1/2"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 2"
	IRRIGATION MAINLINE: HDPE PE4710 DR 11 2"
	IRRIGATION MAINLINE: HDPE PE4710 DR 11 3"
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
- # — Valve Number
- # — Valve Flow
- # — Valve Size

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PHASE 1-IRRIGATION PLAN

730 BAYFRONT PARKWAY
SUITE 5B
PENSACOLA, FL 32502
moffatt & nichol

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by:	B. ALEXANDER
Dwn by:	E. HEDGES
Cad by:	B. ALEXANDER
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Submitted by:	B. ALEXANDER, JERRY PATE DESIGN
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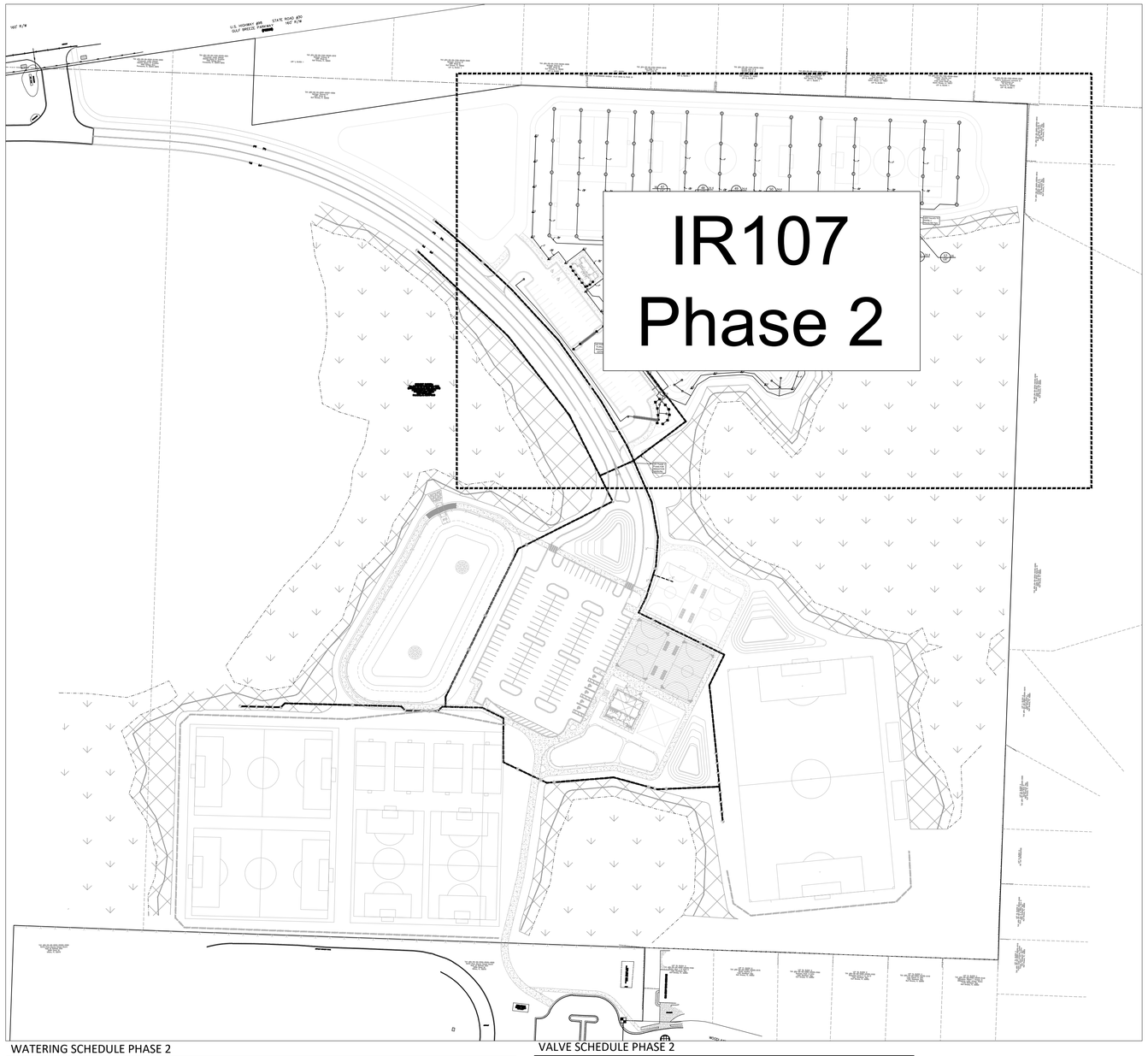
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

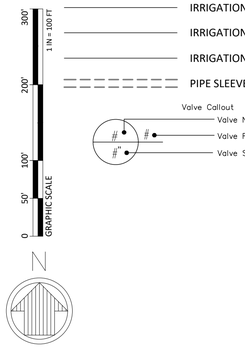


IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	DETAIL
EST LCS RCS CST SST	SHRUB SPRAY-6" POP UP 15 STRIP SERIES SHRUB SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH CHECK VALVE, PRESSURE REGULATING DEVICE, AND NON-POTABLE PURPLE CAP.	4	30	3/IR202
Q T H F	SHRUB SPRAY-6" POP UP 8 SERIES MPR SHRUB SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH CHECK VALVE, PRESSURE REGULATING DEVICE, AND NON-POTABLE PURPLE CAP.	9	30	3/IR202
Q T H F	SHRUB SPRAY-6" POP UP 10 SERIES MPR SHRUB SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH CHECK VALVE, PRESSURE REGULATING DEVICE, AND NON-POTABLE PURPLE CAP.	10	30	3/IR202
1401 1402 1404 1408	FLOOD BUBBLER 1401 FLOOD BUBBLER, FIPT ON FUNNY PIPE.	26	40	1/IR202

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	DETAIL
04	SPORTS FIELD TURF ROTOR 04 TURF ROTOR, 4" POP-UP, STAINLESS STEEL RISER, ADJUSTABLE AND FULL CIRCLE. WITH REMOVABLE CHECK VALVE, 1" FEMALE THREADED INLET. WITH NON-POTABLE PURPLE COVER.	42	60	4	2/IR202
08	SPORTS FIELD TURF ROTOR 08 TURF ROTOR, 4" POP-UP, STAINLESS STEEL RISER, ADJUSTABLE AND FULL CIRCLE. WITH REMOVABLE CHECK VALVE, 1" FEMALE THREADED INLET. WITH NON-POTABLE PURPLE COVER.	18	60	8.2	2/IR202
1.5	TURF ROTOR-6" POP UP 1.5 TURF ROTOR, 6IN. POP-UP WITH PLASTIC RISER. ADJUSTABLE TO FULL CIRCLE. STANDARD ANGLE NOZZLE, IN-STEM PRESSURE REGULATOR, AND FLOW SHUT-OFF DEVICE. WITH CHECK VALVE. NP COLORS	3	45	1.54	4/IR202
3.0	TURF ROTOR-6" POP UP 3.0 TURF ROTOR, 6IN. POP-UP WITH PLASTIC RISER. ADJUSTABLE TO FULL CIRCLE. STANDARD ANGLE NOZZLE, IN-STEM PRESSURE REGULATOR, AND FLOW SHUT-OFF DEVICE. WITH CHECK VALVE. NP COLORS	29	45	3.09	4/IR202
5.0	TURF ROTOR-6" POP UP 5.0 TURF ROTOR, 6IN. POP-UP WITH PLASTIC RISER. ADJUSTABLE TO FULL CIRCLE. STANDARD ANGLE NOZZLE, IN-STEM PRESSURE REGULATOR, AND FLOW SHUT-OFF DEVICE. WITH CHECK VALVE. NP COLORS	2	45	5.09	4/IR202
6.0	TURF ROTOR-6" POP UP 6.0 TURF ROTOR, 6IN. POP-UP WITH PLASTIC RISER. ADJUSTABLE TO FULL CIRCLE. STANDARD ANGLE NOZZLE, IN-STEM PRESSURE REGULATOR, AND FLOW SHUT-OFF DEVICE. WITH CHECK VALVE. NP COLORS	6	45	6.01	4/IR202

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	REMOTE CONTROL VALVE 1-1/2" 1-1/2" PLASTIC INDUSTRIAL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION. WITH PRESSURE REGULATOR MODULE, AND PURPLE FLOW HANDLE FOR NON-POTABLE WATER USE.	20	8/IR201
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1"	4,920 LF	
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1 1/2"	1,547 LF	
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 2"	50.0 LF	
	PIPE SLEEVE: PVC SCHEDULE 40	80.5 LF	



WATERING SCHEDULE PHASE 2

NUMBER	MODEL	TYPE	PRECIP	IN./WEEK	MIN./WEEK	GAL./WEEK	GAL./DAY
38	REMOTE CONTROL VALVE	SHRUB SPRAY	0.9 in/h	1	67	874	125
39	REMOTE CONTROL VALVE	TURF ROTOR	0.19 in/h	1	321	10,911	1,559
40	REMOTE CONTROL VALVE	BUBBLER	1.7 in/h	4	142	1,846	264
41	REMOTE CONTROL VALVE	TURF ROTOR	0.34 in/h	1	179	6,455	922
42	REMOTE CONTROL VALVE	TURF ROTOR	0.21 in/h	1	288	10,492	1,499
43	REMOTE CONTROL VALVE	TURF ROTOR	0.25 in/h	1	245	4,900	700
44	REMOTE CONTROL VALVE	TURF ROTOR	0.33 in/h	1	182	5,933	848
45	REMOTE CONTROL VALVE	TURF ROTOR	0.34 in/h	1	179	5,835	834
46	REMOTE CONTROL VALVE	TURF ROTOR	0.28 in/h	1	212	4,240	606
47	REMOTE CONTROL VALVE	TURF ROTOR	1.26 in/h	1	48	768	110
48	REMOTE CONTROL VALVE	TURF ROTOR	0.27 in/h	1	220	5,368	767
49	REMOTE CONTROL VALVE	TURF ROTOR	0.28 in/h	1	216	5,270	753
50	REMOTE CONTROL VALVE	TURF ROTOR	0.29 in/h	1	206	5,026	718
51	REMOTE CONTROL VALVE	TURF ROTOR	0.19 in/h	1	316	10,741	1,534
52	REMOTE CONTROL VALVE	TURF ROTOR	0.58 in/h	1	104	1,664	238
53	REMOTE CONTROL VALVE	TURF ROTOR	0.49 in/h	1	122	1,952	279
54	REMOTE CONTROL VALVE	TURF ROTOR	0.28 in/h	1	217	5,295	756
55	REMOTE CONTROL VALVE	TURF ROTOR	0.28 in/h	1	215	5,246	749
56	REMOTE CONTROL VALVE	TURF ROTOR	0.28 in/h	1	214	5,222	746
57	REMOTE CONTROL VALVE	TURF ROTOR	0.51 in/h	1	119	1,904	272
		TOTALS:			3,812	99,942	14,277

VALVE SCHEDULE PHASE 2

NUMBER	MODEL	SIZE	TYPE	GPM	PSI	PRECIP
38	REMOTE CONTROL VALVE	1-1/2"	SHRUB SPRAY	13.04	36.1	0.9 in/h
39	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	33.99	54.4	0.19 in/h
40	REMOTE CONTROL VALVE	1-1/2"	BUBBLER	13	46.5	1.7 in/h
41	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	36.06	51.9	0.34 in/h
42	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	36.43	53.3	0.21 in/h
43	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	20	68.7	0.25 in/h
44	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	32.6	68.2	0.33 in/h
45	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	32.6	67.2	0.34 in/h
46	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	20	67.7	0.28 in/h
47	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	16	67.7	1.26 in/h
48	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	24.4	65.8	0.27 in/h
49	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	24.4	65.6	0.28 in/h
50	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	24.4	65.6	0.29 in/h
51	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	33.99	56.0	0.19 in/h
52	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	16	66.3	0.58 in/h
53	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	16	65.8	0.49 in/h
54	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	24.4	65.4	0.28 in/h
55	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	24.4	65.4	0.28 in/h
56	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	24.4	66.0	0.28 in/h
57	REMOTE CONTROL VALVE	1-1/2"	TURF ROTOR	16	69.0	0.51 in/h

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PHASE 2-IRRIGATION KEY PLAN

moffatt & nichol
730 BAYFRONT PARKWAY
SUITE 5B
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Sheet
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IR106

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

IRRIGATION SCHEDULE PHASE 2	
SYMBOL	MANUFACTURER/MODEL
	SHRUB SPRAY-6" POP UP 15EST
	SHRUB SPRAY-6" POP UP 08H
	SHRUB SPRAY-6" POP UP 08Q
	SHRUB SPRAY-6" POP UP 10H
	SHRUB SPRAY-6" POP UP 10Q
	FLOOD BUBBLER 1402
SYMBOL	MANUFACTURER/MODEL
	SPORTS FIELD TURF ROTOR 04
	SPORTS FIELD TURF ROTOR 08
	TURF ROTOR-6" POP UP 1.5
	TURF ROTOR-6" POP UP 3.0
	TURF ROTOR-6" POP UP 5.0
	TURF ROTOR-6" POP UP 6.0
SYMBOL	MANUFACTURER/MODEL
	REMOTE CONTROL VALVE 1-1/2"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1 1/2"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 2"
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Flow
Valve Size

ADD VALVES TO PHASE 1 MAINLINE PIPE

ADD VALVES TO PHASE 1 MAINLINE PIPE

SEE PHASE 1 PLANS FOR IRRIGATION MAINLINE

SEE PHASE 1 PLANS FOR IRRIGATION MAINLINE

GRAPHIC SCALE 0 20' 40' 80' 1 IN = 40 FT

N

SANTA ROSA COUNTY FLORIDA IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PHASE 2-IRRIGATION PLAN

moffatt & nichol
730 BAYFRONT PARKWAY
SUITE 5B
PENSACOLA, FL 32502

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by:	B. ALEXANDER
Dwn by:	E. HEDGES
Cad by:	B. ALEXANDER
Reviewed by:	S. DANA
Submitted by:	B. ALEXANDER, JERRY PATE DESIGN
Date:	MARCH 2025
M&N Project No:	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (0 SHEET)
Rev:	

SEAL

Jerry Pate Design
301 Schubert Drive - Pensacola, FL 32504
850-479-4653 www.JerryPateDesign.com

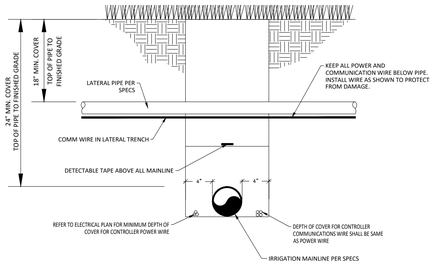
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ISSUED: MARCH 2025
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Sheet Reference No.
IR107

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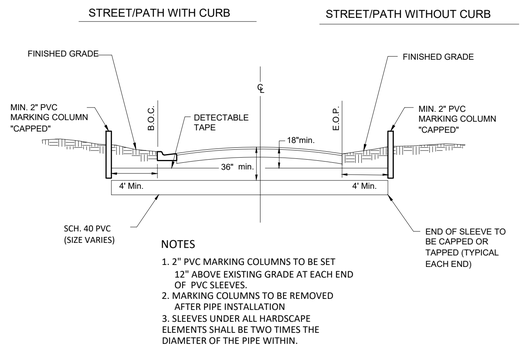
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

NOTE: PROVIDE 15" MIN DEPTH OF COVER FOR ALL WIRE. ALL WIRE TO BE IN A COMMON TRENCH WITH PIPE. ALL WIRE INSTALLED AT BRIDGE/STREAM CROSSINGS AND UNDER ROADWAYS SHALL BE IN CONDUIT. CONDUIT BELOW GRADE SHALL BE UL APPROVED SCH. 40 PVC. CONDUIT ABOVE GRADE SHALL BE UL APPROVED STEEL.



1 IRRIGATION TRENCHES

NTS JPD-IR-GOVI-PIPE-331116-01

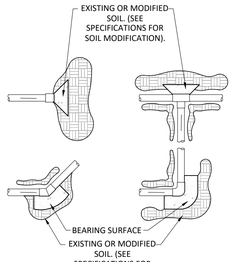


NOTES

1. 2" PVC MARKING COLUMNS TO BE SET 12" ABOVE EXISTING GRADE AT EACH END OF PVC SLEEVES.
2. MARKING COLUMNS TO BE REMOVED AFTER PIPE INSTALLATION
3. SLEEVES UNDER ALL HARDSCAPE ELEMENTS SHALL BE TWO TIMES THE DIAMETER OF THE PIPE WITHIN.

2 IRRIGATION SLEEVE

NTS JPD-IR-GOVI-PIPE-03

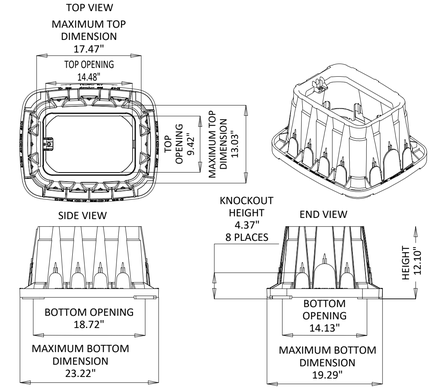


PIPE SIZE	TEE AND PLUG	90° BEND	45° BEND
1-1/2"	0.45 FEET³	0.63 FEET³	0.34 FEET³
2"	0.69 FEET³	0.97 FEET³	0.53 FEET³
2-1/2"	1.0 FEET³	1.41 FEET³	0.77 FEET³
3"	1.48 FEET³	2.10 FEET³	1.14 FEET³
4"	2.43 FEET³	3.45 FEET³	1.87 FEET³
6"	5.25 FEET³	7.41 FEET³	4.02 FEET³
8"	9.08 FEET³	12.83 FEET³	6.96 FEET³
10"	14.93 FEET³	21.07 FEET³	11.44 FEET³

NOTES:
1– SIZE THRUST BLOCKS SHALL BE SPECIFIED AS SHOW IN THE TABLE ABOVE.
2– CONTROL WIRES SHALL NOT BE ENCASED IN CONCRETE.
3– ALL FITTINGS SHALL BE WRAPPED WITH POLYETHYLENE TO PREVENT CONCRETE FROM ADHERING TO PIPE, FITTINGS OR BOLTS.
4– JOINTS AND BOLTS SHALL BE ACCESSIBLE FOR REPAIRS.
5– THRUST BLOCKS SHALL BE A MINIMUM OF 6" THICK.

3 THRUST BLOCK (TYP)

NTS JPD-IR-GOVI-PIPE-02



4 JUMBO VALVE BOX

NTS JPD-IR-GOVI-AUXI-01

5 6" ROUND VALVE BOX

NTS JPD-IR-GOVI-AUXI-02

NOTE:
1. ALL WIRING SHALL BE IN ACCORDANCE WITH NEC ARTICLE 300.5 AND 310.10(F).
2. ALL UNDERGROUND WIRE SHALL HAVE WARNING TAPE INSTALLED 6"[150MM] ABOVE WIRE.

6 WIRE BUNDLE JUNCTION BOX

NTS JPD-IR-GOVI-AUXI-03

1. WIRE, COILED 30–INCH LINEAR LENGTH OF
2. WATERPROOF CONNECTION
3. ID TAG
4. REMOTE CONTROL VALVE: PER SPECS
5. VALVE BOX WITH COVER: PER SPECS
6. FINISH GRADE/TOP OF MULCH
7. NIPPLE (CLOSE)
8. ELL
9. NIPPLE (LENGTH AS REQUIRED)
10. BRICK (1 OF 4)
11. MAINLINE PIPE
12. MAINLINE FITTING
13. MAINLINE FITTING
14. MALE ADAPTER
15. LATERAL PIPE
16. 3.0–INCH MINIMUM DEPTH OF 3/4–INCH WASHED GRAVEL
17. BALL VALVE
18. GEOTEXTILE FABRIC

7 ELECTRIC REMOTE CONTROL VALVE

NTS JPD-IR-GOVI-VALV-02

WATERING SCHEDULE PHASE 1

NUMBER	MODEL	TYPE	PRECIP	IN./WEEK	MIN./WEEK	GAL./WEEK	GAL./DAY
1	REMOTE CONTROL VALVE	TURF ROTOR	0.2 in/h	1	301	13,951	1,993
2	REMOTE CONTROL VALVE	TURF ROTOR	0.2 in/h	1	304	14,090	2,013
3	REMOTE CONTROL VALVE	BUBBLER	1.7 in/h	4	142	1,988	284
4	REMOTE CONTROL VALVE	TURF ROTOR	0.23 in/h	1	262	12,144	1,735
5	REMOTE CONTROL VALVE	TURF ROTOR	0.22 in/h	1	273	12,654	1,808
6	REMOTE CONTROL VALVE	TURF ROTOR	0.26 in/h	1	235	10,892	1,556
7	REMOTE CONTROL VALVE	SHRUB SPRAY	1.31 in/h	1	46	1,236	177
8	REMOTE CONTROL VALVE	BUBBLER	1.7 in/h	4	142	1,420	203
9	REMOTE CONTROL VALVE	TURF ROTOR	0.22 in/h	1	270	11,680	1,669
10	REMOTE CONTROL VALVE	TURF ROTOR	0.22 in/h	1	268	7,504	1,072
11	REMOTE CONTROL VALVE	TURF ROTOR	0.26 in/h	1	230	11,270	1,610
12	REMOTE CONTROL VALVE	TURF ROTOR	0.27 in/h	1	226	11,074	1,582
13	REMOTE CONTROL VALVE	TURF ROTOR	0.27 in/h	1	226	11,074	1,582
14	REMOTE CONTROL VALVE	TURF ROTOR	0.27 in/h	1	226	11,074	1,582
15	REMOTE CONTROL VALVE	TURF ROTOR	1.18 in/h	1	51	1,428	204
16	REMOTE CONTROL VALVE	TURF ROTOR	1.18 in/h	1	51	1,428	204
17	REMOTE CONTROL VALVE	TURF ROTOR	0.26 in/h	1	233	11,417	1,631
18	REMOTE CONTROL VALVE	TURF ROTOR	0.26 in/h	1	227	11,123	1,589
19	REMOTE CONTROL VALVE	TURF ROTOR	0.26 in/h	1	234	11,466	1,638
20	REMOTE CONTROL VALVE	TURF ROTOR	0.38 in/h	1	158	4,424	632
21	REMOTE CONTROL VALVE	TURF ROTOR	0.22 in/h	1	278	11,167	1,595
22	REMOTE CONTROL VALVE	SHRUB SPRAY	1.25 in/h	1	49	1,311	187
23	REMOTE CONTROL VALVE	TURF ROTOR	0.21 in/h	1	291	11,689	1,670
24	REMOTE CONTROL VALVE	SHRUB SPRAY	1.56 in/h	1	39	1,223	175
25	REMOTE CONTROL VALVE	TURF ROTOR	0.73 in/h	1	83	2,308	330
26	REMOTE CONTROL VALVE	TURF ROTOR	0.23 in/h	1	257	13,500	1,929
27	REMOTE CONTROL VALVE	TURF ROTOR	0.23 in/h	1	263	6,312	902
28	REMOTE CONTROL VALVE	TURF ROTOR	0.27 in/h	1	222	9,058	1,294
29	REMOTE CONTROL VALVE	TURF ROTOR	0.27 in/h	1	223	9,098	1,300
30	REMOTE CONTROL VALVE	TURF ROTOR	0.28 in/h	1	217	8,854	1,265
31	REMOTE CONTROL VALVE	TURF ROTOR	0.28 in/h	1	212	8,650	1,236
32	REMOTE CONTROL VALVE	TURF ROTOR	0.27 in/h	1	222	9,058	1,294
33	REMOTE CONTROL VALVE	TURF ROTOR	0.29 in/h	1	210	8,568	1,224
34	REMOTE CONTROL VALVE	TURF ROTOR	0.36 in/h	1	168	4,032	576
35	REMOTE CONTROL VALVE	BUBBLER	1.7 in/h	4	142	1,562	223
36	REMOTE CONTROL VALVE	TURF ROTOR	0.24 in/h	1	255	10,243	1,463
37	REMOTE CONTROL VALVE	TURF ROTOR	0.2 in/h	1	293	11,770	1,681
		TOTALS:			7,529	301,741	43,106

08 CONCEPTUAL WATERING SCHEDULE

NTS

NOTE:
1. COIL AN ADDITIONAL 3–FEET OF TWO–WIRE CABLE IN VALVE BOX

1. WATERPROOF SPLICE CONNECTION
2. VALVE BOX WITH COVER
3. FINISH GRADE/TOP OF MULCH
4. NORMALLY CLOSED MASTER VALVE: PER PLANS/SPECS
5. FLOW SENSOR COMMUNICATION EQUIPMENT
6. FLOW SENSOR: PER PLANS/SPECS
7. DOUBLE–STRAP SADDLE
8. CONCENTRIC REDUCER (IF REQUIRED)
9. MAINLINE PIPE
10. BRICK (1 OF 4)
11. 3–INCH MINIMUM DEPTH OF 3/4–INCH WASHED GRAVEL
12. TWO–WIRE CABLE BETWEEN DEVICES (SLEEVED/GROUNDED PER PLANS/SPECS)

NOTE:
1. FLOW SENSOR SHALL BE INSTALLED PER MANF. SPECIFICATIONS AND RECOMMENDATIONS.

9 MASTER VALVE AND FLOW SENSOR

NTS JPD-IR-GOVI-VALV-03

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Rev.	Description	Date	Appr.

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

IRRIGATION DETAILS

Designed by: B. ALEXANDER
Drawn by: E. HEDGES
Checked by: B. ALEXANDER
Reviewed by: S. DANA
Date: MARCH 2025
M&N Project No: 202000
Drawing code:
Drawing Scale:
Submitted by: B. ALEXANDER, JERRY PATE DESIGN
Plot scale: 1:1 (0 SHEET)

moffatt & nichol
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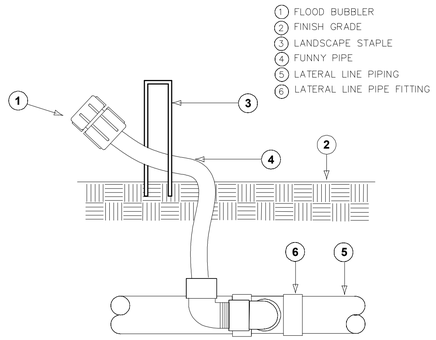
INDEX: 6 OF 7

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

00 IRRIGATION NOTES

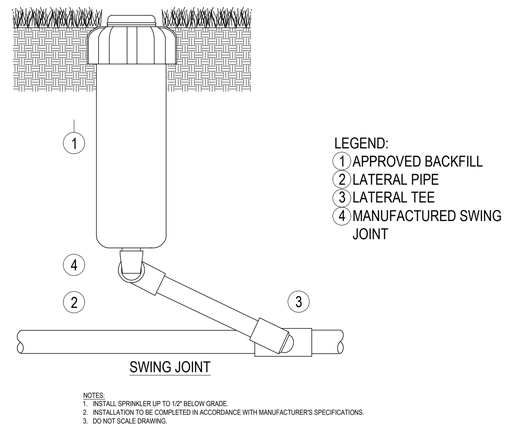
IRRIGATION NOTES:

1. LOCATE ALL UNDERGROUND UTILITIES, ELECTRICAL WIRING, WATER, SEWER, TELEPHONE, CABLE TV, AND OTHER UNDERGROUND LINES BEFORE LANDSCAPE AND IRRIGATION INSTALLATION. NO UTILITIES SHALL BE RELOCATED.
2. ALL IRRIGATION COMPONENTS SHALL BE INSTALLED WITHIN THE PROJECT BOUNDARIES.
3. IRRIGATION DRAWINGS SHALL BE CONSIDERED SCHEMATIC FOR GRAPHIC CLARITY. ALL PIPE AND IRRIGATION COMPONENTS SHALL BE INSTALLED IN LANDSCAPE PLANTED AREAS UNLESS CROSSING IMPERVIOUS HARDSCAPE, CONCRETE, ASPHALT OR OTHER. WHERE DEVIATIONS FROM THIS SCHEMATIC ARE NECESSARY CONTRACTOR SHALL MAINTAIN PIPE SIZING AND HYDRAULIC INTENT AND INSTALL SLEEVING PER SPECS UNDER ALL IMPERVIOUS SURFACES. ANY DEVIATIONS FROM HYDRO-ZONING OR PRODUCTS SHALL REQUIRE THE APPROVAL OF THE LANDSCAPE ARCHITECT OR OWNER.
4. ANY DEVIATION FROM HYDRAULIC INTENT SHALL BE APPROVED VIA RFI BY THE LANDSCAPE ARCHITECT/OWNER.
5. THE CONTRACTOR SHALL ADJUST ALL IRRIGATION HEADS TO COVER ONLY INTENDED AREAS AND NOT BUILDINGS, STRUCTURES, FENCING, CONCRETE OR ANY OTHER HARDSCAPE.
6. THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS TO LANDSCAPE ARCHITECT AND OWNER SHOWING ALL INFORMATION REQUIRED BY LOCAL CODES AND NECESSARY FOR THE EFFICIENT OPERATION AND MAINTENANCE OF THE SYSTEM.
7. ELEMENT LOCATION ON THE DRAWINGS IS SCHEMATIC SHOWING INTENT. CONTRACTOR SHALL NOT MAKE CHANGES TO PIPE SIZING OR ROUTING WITHOUT PRIOR APPROVAL OF OWNER & IRRIGATION DESIGNER. LOCATE ALL VALVES IN LANDSCAPED, SHRUB, GROUNDCOVER AREAS.
8. IRRIGATION SCHEDULES, RUNTIMES, WATERING SCHEDULE & ANALYSIS ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR PERFORMING THEIR OWN TAKE OFF BASED ON PLAN DOCUMENTS & ENSURING UNIFORM COVERAGE OF LANDSCAPED AREAS. SHOULD LANDSCAPE MATERIAL REQUIRE INCREASED PRECIPITATION THE IRRIGATION WATERING SCHEDULE SHALL BE ADJUSTED AS NEEDED TO ENSURE A HEALTHY LANDSCAPE.
9. VALVE VAULTS: VALVE BOXES SHALL BE, PLASTIC LOCKABLE, FOR EACH GATE VALVE, MANUAL CONTROL VALVE AND REMOTE CONTROL VALVE. VAULT SIZES SHALL BE ADJUSTABLE FOR VALVE USED. CAST THE WORD "IRRIGATION" ON THE LID. GREEN LID. VALVE VAULT SHALL HAVE A TOP OPENING OF 22 1/4 INCH BY 16 3/8 INCH AND BOTTOM OPENING OF 25 1/4 INCH BY 19 3/8 INCH AND STAND 12 INCHES TALL. ADD EXTENSION AS NEEDED TO MAINTAIN WITH GRADE.
10. ROUND VALVE BOXES: 6 INCH DIAMETER AT THE TOP AND 8 5/8 INCH AT BOTTOM. GREEN LID.
11. ALL REMOTE CONTROLLED IRRIGATION ZONE VALVES SHALL HAVE A BALL VALVE BEFORE THE INTAKE SIDE OF THE VALVE FOR ISOLATION & MAINTENANCE PURPOSES.
12. THE CONTROLLER SHALL BE EQUIPPED BY THE CONTRACTOR WITH PROPERLY LOCATED AND INSTALLED RAIN / FREEZE SENSORS. THE SENSORS SHALL BE LOCATED IN SUCH A MANNER SO THAT THEY ARE UNOBSTRUCTED, AND DIRECTLY EXPOSED TO NATURAL RAINFALL, WIND, AND SUNLIGHT FROM ALL DIRECTIONS, BUT NOT TO RUNOFF WATER FROM SWALES, ROOFS OR OTHER SURFACES.
13. EARTH GROUNDING IS REQUIRED PER MANUFACTURER'S SPECIFICATIONS.
14. CONTRACTOR SHALL AMEND SOIL ADJACENT TO GROUNDING RODS/PLATES TO ACHIEVE MANUFACTURER OHM REQUIREMENTS.
15. MAINLINE PIPE: PER PLANS.
16. LATERAL PIPE: PER PLANS
17. PVC PIPING SOLVENT-CEMENTED JOINTS: CLEAN AND DRY JOINING SURFACES. JOIN PIPE AND FITTINGS ACCORDING TO: COMPLY WITH ASTM F 402 FOR SAFE HANDLING PRACTICE OF CLEANERS, PRIMERS AND SOLVENT CEMENTS. PVC PRESSURE PIPING: JOIN SCHEDULE NUMBER, ASTM D 1785, PVC PIPE AND PVC SOCKET FITTINGS ACCORDING TO ASTM D 2672. JOIN OTHER-THAN-SCHEDULE-NUMBER PVC PIPE AND SOCKET FITTINGS ACCORDING TO ASTM D 2855.
18. IRRIGATION SLEEVES: SHALL BE SCHEDULE 40 PVC , 2X TOTAL PIPE DIAMETER.
19. AIR/VACUUM RELIEF VALVES: SIZED TO MATCH MAINLINE PIPING WHERE LOCATED. SEE PLAN DOCUMENT.
20. REQUESTS TO USE EQUAL, SUBSTITUTE MATERIALS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT IN WRITING AND OWNER'S APPROVAL GIVEN IN WRITING BEFORE THE SUBSTITUTION IS ALLOWED. REQUESTS TO USE EQUAL, SUBSTITUTE MATERIALS SHALL INCLUDE COMPLETE PRODUCT SPECIFICATIONS AND ANY COST SAVINGS TO THE PROJECT.
21. IF DISCREPANCIES OCCUR BETWEEN THE PLANS, NOTES, AND ACTUAL CONDITIONS CONTACT THE LANDSCAPE ARCHITECT IN WRITING FOR CLARIFICATION BEFORE PROCEEDING.
22. THE INSTALLER SHALL BE FAMILIAR WITH ALL REQUIREMENTS FOR THE WORK, AND TO CONDUCT HIS WORK IN A CLEAN, SAFE, AND WORKMANLIKE MANNER. THE OWNER RESERVES THE RIGHT TO ACT TO PROTECT HIS PROPERTY AND THE OTHER PERSONNEL AT WORK THERE, AND TO MAKE EMERGENCY REPAIRS OR TAKE CORRECTIVE ACTION IF THE INSTALLER DOES NOT FULFILL HIS OBLIGATIONS IN A TIMELY MANNER. THE OWNER FURTHER RESERVES THE RIGHT TO BACK-CHARGE THE INSTALLER TO COVER SUCH EXPENSES, TO THE EXTENT ALLOWED UNDER APPLICABLE LAW.
23. IRRIGATION MATERIALS AND WORKMANSHIP SHALL BE WARRANTIED FOR ONE YEAR. MANUFACTURER'S WARRANTIES SHALL BE PASSED TO THE OWNER.
24. ALL WORK SHALL BE DONE IN ACCORDANCE WITH PREVAILING CODES AND REGULATIONS, AND COUNTY IRRIGATION STANDARDS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY AND CONFORM TO THE PARTICULAR CODES AND REGULATIONS APPLICABLE TO THIS LOCATION, AS WELL AS COUNTY IRRIGATION STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, INCLUDING THOSE FOR ANY NEW WATER LINE TAPS OR WELLS, LOCATES, AND INSPECTIONS.
25. IRRIGATION SYSTEM AND ITS COMPONENTS SHALL BE INSTALLED ACCORDING TO MANUFACTURES' SPECIFICATIONS
26. ALL WIRE SPLICES SHALL OCCUR IN A VALVE BOX WITH WATERPROOF WIRE SPLICE CONNECTION.
27. POP-UP SPRAYS, ROTORS AND BUBBLERS SHALL BE LOCATED MINIMUM 6 INCHES FROM ROADWAY SURFACES/CURBS WHICH WILL ENCOUNTER VEHICULAR TRAFFIC.
28. THRUST BLOCKS SHALL BE INSTALLED PER DETAILS AS NECESSARY FOR SAFE OPERATION OF THE IRRIGATION SYSTEM.
29. PVC PIPE AND FITTINGS
    - 29.1. COMPLY WITH ASTM D 1785, ASTM D 2241, AWWA C-900 OR AWWA C-905. SDR PR PIPE SHALL HAVE A MINIMUM WALL THICKNESS OF SDR-26. ALL PIPE USED WITH EFFLUENT WATER SHALL BE DESIGNATED FOR NON-POTABLE USE BY LABEL OR INDUSTRY STANDARD COLOR PURPLE, PANTONE PURPLE 522C
    - 29.2. SOLVENT WELD FITTINGS SHALL BE MINIMUM OF SCHEDULE 40 IN ASTM D 2466.
    - 29.3. THREADED FITTINGS SHALL BE MINIMUM OF SCHEDULE 40 IN ASTM D 2464.
    - 29.4. GASKET FITTINGS SHALL CONFORM TO ASTM D 3139, AND GASKETS TO ASTM F 477.
    - 29.5. FLEXIBLE PVC PIPE TO BE PRESSURE REGULATED TO ASTM D 2740 WITH STANDARD ODS COMPATIBLE WITH PVC IPS SOLVENT WELD FITTINGS.
    - 29.6. PVC CEMENT TO MEET ASTM D 2564, AND CLEANER TO MEET ASTM F 656
30. WIRE
    - 30.1. DIRECT BURIED WIRE (UF) UNDERGROUND FEEDER MUST BE LABELED FOR SUCH.
    - 30.2. USE WATER TIGHT CONDUITS FOR NON-UF WIRE AND HAVE UL LISTED TWN OR THHN TYPE WIRE PER THE NEC.
    - 30.3. SIZE WIRE PER MANUFACTURER RECOMMENDATIONS, IN-RUSH CURRENT, WIRE LENGTH, NUMBER OF SOLENOIDS AND LINE PRESSURE.



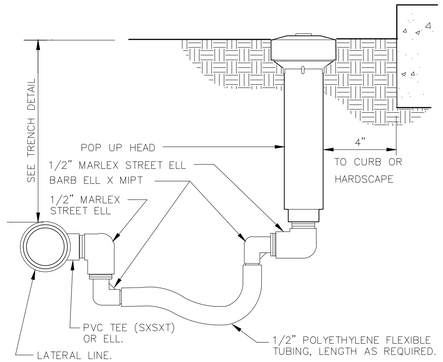
1 FLOOD BUBBLER

NTS JPD-IR-GOVI-DRIP-05



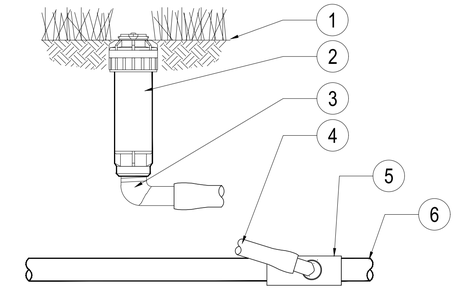
2 TURF SPORTS ROTOR - SWING JOINT

NTS JPD-IR-GOVI-ROTO-01



3 POP UP SPRAY

NTS JPD-IR-GOVI-SPRA-01



4 ROTOR (FUNNY PIPE)

NTS JPD-IR-GOVI-ROTO-02

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

IRRIGATION DETAILS

Rev.	
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Cad by:	B. ALEXANDER
Dwn by:	E. HEDGES
Reviewed by:	S. DANA
Submitted by:	B. ALEXANDER JERRY PATE DESIGN

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moffatt & nichol

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Sheet Reference No.
IR202

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

CONNECT TO EXISTING RE-USE MAIN VIA WET TAP (12"X6" S.S. TAPPING SLEEVE AND 6" RESILIENT SEAT GATE VALVE.)

PARCEL BOUNDARY

10.00' RE-USE AND SEWER EASEMENT

INSTALL CAP AND PLUG; MARK LOCATION W/ IRON PIN FOR PHASE II CONNECTION

CONSTRUCT 4' MANHOLE

SEE PLAN SHEET U-02

SEE PLAN SHEET U-03

CONSTRUCT 3' LIFT STATION

1/17 4/16

20.00' RE-USE AND SEWER EASEMENT

SEE PLAN SHEET U-04 (NO UTILITIES ARE INCLUDED ON SHEET U-04)

SEE PLAN SHEET U-05

UTILITY EASEMENT

CONNECT TO EXISTING WATERMAIN VIA WET TAP (SADDLE & VALVE), CONTRACTOR TO FIELD LOCATE AND PROVIDE METER VAULT W/ AMR RECESS LID, AND SENSUS OMNI C2 METER.

PARCEL BOUNDARY

CONNECT TO EXISTING RE-USE MAIN VIA WET TAP (8"X6" S.S. TAPPING SLEEVE AND 6" RESILIENT SEAT GATE VALVE).

CONNECT TO EXISTING MANHOLE

CONTRACTOR TO FIELD LOCATE DOUBLE DETECTOR CHECK VALVE AND 1-6" WATER VALVE

SANITARY STRUCTURE TABLE

STRUCTURE NUMBER	DESCRIPTION	ELEVATION	NOTES
SS-EX1	TOP EX. ELE =	29.7	
	INV. EX. ELE (E) =	25.9	
	INV. ELE. (W) =	26.7	
SS-1	TOP ELE. =	33.75	
	INV. ELE. (N) =	30.0	
	INV. ELE.(S) =	29.9	

LEGEND

SYMBOL	ITEM	DETAIL NO.
	WATER VALVE	3/12
W M	WATER METER	3/11
W	POTABLE WATER MAIN	1/11 1, 2, 4/12
R	NON-POTABLE WATER	3/11 1, 2, 3, 4/12
SS	8" SANITARY GRAVITY	1/11 1/14
F	6" FIRE LINE	
SF	2" SANITARY FORCE MAIN	
S	48" CONCRETE SANITARY MANHOLE	SEE SHEETS 4-10 4-11 4-12
C.O.	SANITARY CLEANOUT	2/14
	FIRE HYDRANT W/ 6" LEAD & VALVE	2/13
	RPZ/DDCV	2/11 3/13
	PROPOSED PAVEMENT	SEE CIVIL PLANS
	WETLAND	SEE CIVIL PLANS
	PROPOSED CONCRETE	SEE CIVIL PLANS
	EASEMENT REUSE WATER	N/A
	EASEMENT UTILITY	N/A

N

Sunshine 811

0 200 400 Feet

SANTA ROSA COUNTY FLORIDA IN GOD WE TRUST

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY PLAN KEY SHEET (PHASE 1)

Rev:	Date:	Designed by:	Drawn by:	Reviewed by:	Submitted by:
	FEBRUARY 2023	AVH IV	D.P.		SUBMITTER'S NAME MOFFATT & NICHOL
	M&N Project No. 202000	Cad by: M.W.	Drawing code:		Drawing Scale: Plot scale: 1:1 (D SHEET)

VOLKERT Engineers · Surveyors · Planners
215 FAIRPOINT DRIVE SUITE B GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ARTHUR VANCE HOOKS IV LICENSE No. 68355 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet Reference No.
U-01

File: Z:\Projects\1090100 SANTA ROSA SPORTS PARK\02-Civil\1090100 U01 UTILITIES - Phase 1 ; Plotted: 4/8/2025 12:19 PM by DEWEY.PHILLIPS ; Saved: 4/8/2025 12:18 PM by DEWEY.PHILLIPS

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

NOTE

1. CONTRACTOR TO INSTALL POTABLE WATER SERVICES, FORCEMAINS, RE-USE AND FIREMAIN PER HORIZONTAL AND VERTICAL SEPARATION REQUIREMENTS. IF VERTICAL SEPARATION IS USED, POTABLE WATERMAIN TO BE LOCATED ABOVE OTHER UTILITIES.
2. ALL PIPE FOR POTABLE WATERMAINS SHALL BE DUCTILE IRON FROM TAP TO PROPOSED RPZ.

US HWY 98

CONNECT TO EXISTING RE-USE MAIN VIA WET TAP (12"X6" S.S. TAPPING SLEEVE AND 6" RESILIENT SEAT GATE VALVE.)

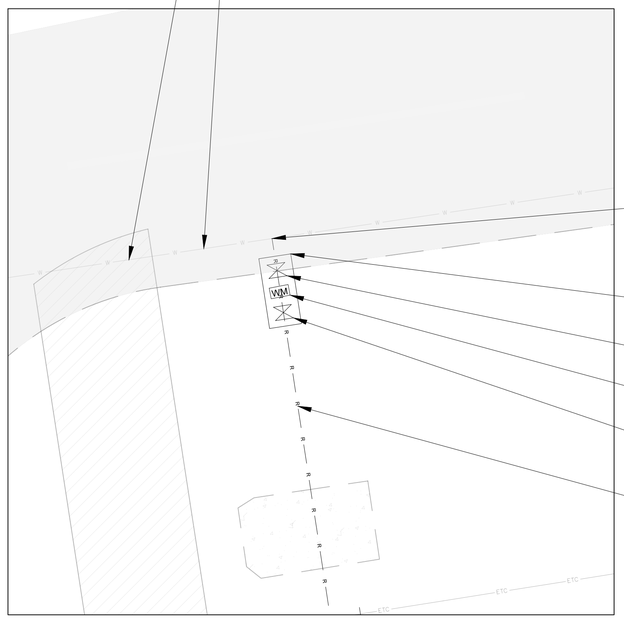
SEE DETAIL A

6" PVC PIPE (RE-USE)

10.00' RE-USE AND SEWER EASEMENT

EXISTING RE-USE MAIN

CONTRACTOR TO FIELD-LOCATE EXISTING RE-USE MAIN (SIZE, HORIZONTAL, AND VERTICAL LOCATION).



CONNECT TO EXISTING RE-USE MAIN VIA WET TAP (12"x6" S.S. TAPPING SLEEVE AND 6" RESILIENT SEAT GATE VALVE.)

VALVE BOX (SEE DETAIL SHEET U-13)

6" RESILIENT SEAT GATE VALVE

6" WATER METER

6" RESILIENT SEAT GATE VALVE

6" PVC PIPE (RE-USE)

DETAIL A
1"=5'

SANITARY STRUCTURE TABLE

STRUCTURE NUMBER	DESCRIPTION	ELEVATION	NOTES
SS-EX1	TOP EX. ELE =	29.7	
	INV. EX. ELE (E) =	25.9	
	INV. ELE. (W) =	26.7	
SS-1	TOP ELE. =	33.75	
	INV. ELE. (N) =	30.0	
	INV. ELE.(S) =	29.9	

LEGEND

SYMBOL	ITEM	DETAIL NO.
	WATER VALVE	3/12
W M	WATER METER	3/11
W	POTABLE WATER MAIN	1/11 ; 1, 2, 4/12
R	NON-POTABLE WATER	3/11 ; 1, 2, 3, 4/12
SS	8" SANITARY GRAVITY	1/11 ; 1/14
F	6" FIRE LINE	
SF	2" SANITARY FORCE MAIN	
S	48" CONCRETE SANITARY MANHOLE	SEE SHEETS 4-10 4-11 4-12
C.O.	SANITARY CLEANOUT	2/14
	FIRE HYDRANT W/ 6" LEAD & VALVE	2/13
	RPZ/DDCV	2/11 ; 3/13
	PROPOSED PAVEMENT	SEE CIVIL PLANS
	WETLAND	SEE CIVIL PLANS
	PROPOSED CONCRETE	SEE CIVIL PLANS
	EASEMENT REUSE WATER	N/A
	EASEMENT UTILITY	N/A

N

0 100 200 Feet

Sunshine811

SANTA ROSA COUNTY FLORIDA IN GOD WE TRUST

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY PLAN SHEET (PHASE 1)

Rev.	Date	Description

Designed by: AVH IV
Drawn by: D.P.
Cad by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: FEBRUARY 2023
M&N Project No. 202000
Drawing code:
Drawing Scale: 1:1 (D SHEET)
Plot scale: 1:1 (D SHEET)

VOLKERT
215 FAIRPOINT DRIVE SUITE B
GULF BREEZE, FL 32561

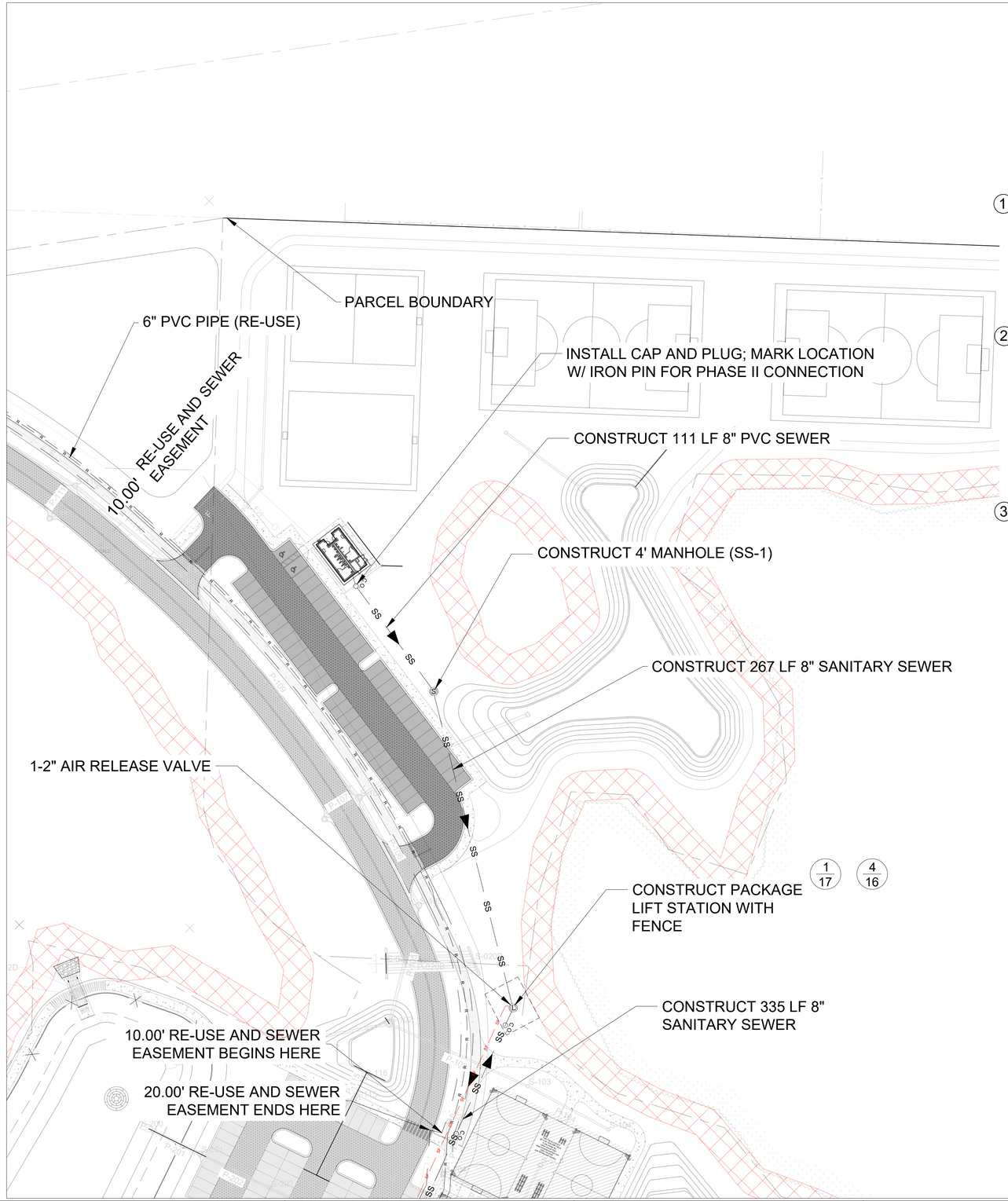
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ARTHUR VANCE HOOKS IV LICENSE No. 66355 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet Reference No.
U-02

File: Z:\Projects\1090100 SANTA ROSA SPORTS PARK\02-Civil\1090100 U01 UTILITIES - Phase 1 - Plotted: 4/8/2025 12:20 PM by DEWEY.PHILLIPS - Saved: 4/8/2025 12:18 PM by DEWEY.PHILLIPS

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



SANITARY STRUCTURE TABLE			
STRUCTURE NUMBER	DESCRIPTION	ELEVATION	NOTES
SS-EX1	TOP EX. ELE =	29.7	
	INV. EX. ELE (E) =	25.9	
	INV. ELE. (W) =	26.7	
SS-1	TOP ELE. =	33.75	
	INV. ELE. (N) =	30.0	
	INV. ELE.(S) =	29.9	

NOTES

1. CONTRACTOR TO VERIFY EXISTING INVERT ELEVATION PRIOR TO CONSTRUCTION AND APPROVAL OF SHOP DRAWINGS. IF DIFFERENT, CONTRACTOR TO NOTIFY ENGINEER OF RECORD.
2. CONTRACTOR TO INSTALL POTABLE WATER SERVICES, FORCEMAINS, RE-USE AND FIREMAIN PER HORIZONTAL AND VERTICAL SEPARATION REQUIREMENTS. IF VERTICAL SEPARATION IS USED, POTABLE WATERMAIN TO BE LOCATED ABOVE OTHER UTILITIES.
3. ALL PIPE FOR POTABLE WATERMAINS SHALL BE DUCTILE IRON FROM TAP TO PROPOSED RPZ.

LEGEND

SYMBOL	ITEM	DETAIL NO.
	WATER VALVE	3/12
W M	WATER METER	3/11
W	POTABLE WATER MAIN	1/11 ; 1, 2, 4/12
R	NON-POTABLE WATER	3/11 ; 1, 2, 3, 4/12
SS	8" SANITARY GRAVITY	1/11 ; 1/14
F	6" FIRE LINE	
SF	2" SANITARY FORCE MAIN	
S	48" CONCRETE SANITARY MANHOLE	SEE SHEETS 4-10 4-11 4-12
C.O.	SANITARY CLEANOUT	2/14
	FIRE HYDRANT W/ 6" LEAD & VALVE	2/13
	RPZ/DDCV	2/11 ; 3/13
	PROPOSED PAVEMENT	SEE CIVIL PLANS
	WETLAND	SEE CIVIL PLANS
	PROPOSED CONCRETE	SEE CIVIL PLANS
	EASEMENT REUSE WATER	N/A
	EASEMENT UTILITY	N/A



Sunshine811

0 100 200 Feet

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Rev.	Date	Description	Mark

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY PLAN SHEET (PHASE 1)

Designed by: AVH IV
Drawn by: D.P.
Cad by: M.W.
Reviewed by:
Date: FEBRUARY 2023
M&N Project No.: 202000
Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Drawing Scale:
Plot scale: 1:1 (D SHEET)

VOLKERT — 215 FAIRPOINT DRIVE SUITE B GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ARTHUR VANCE HOOKS IV — LICENSE No. 66355 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

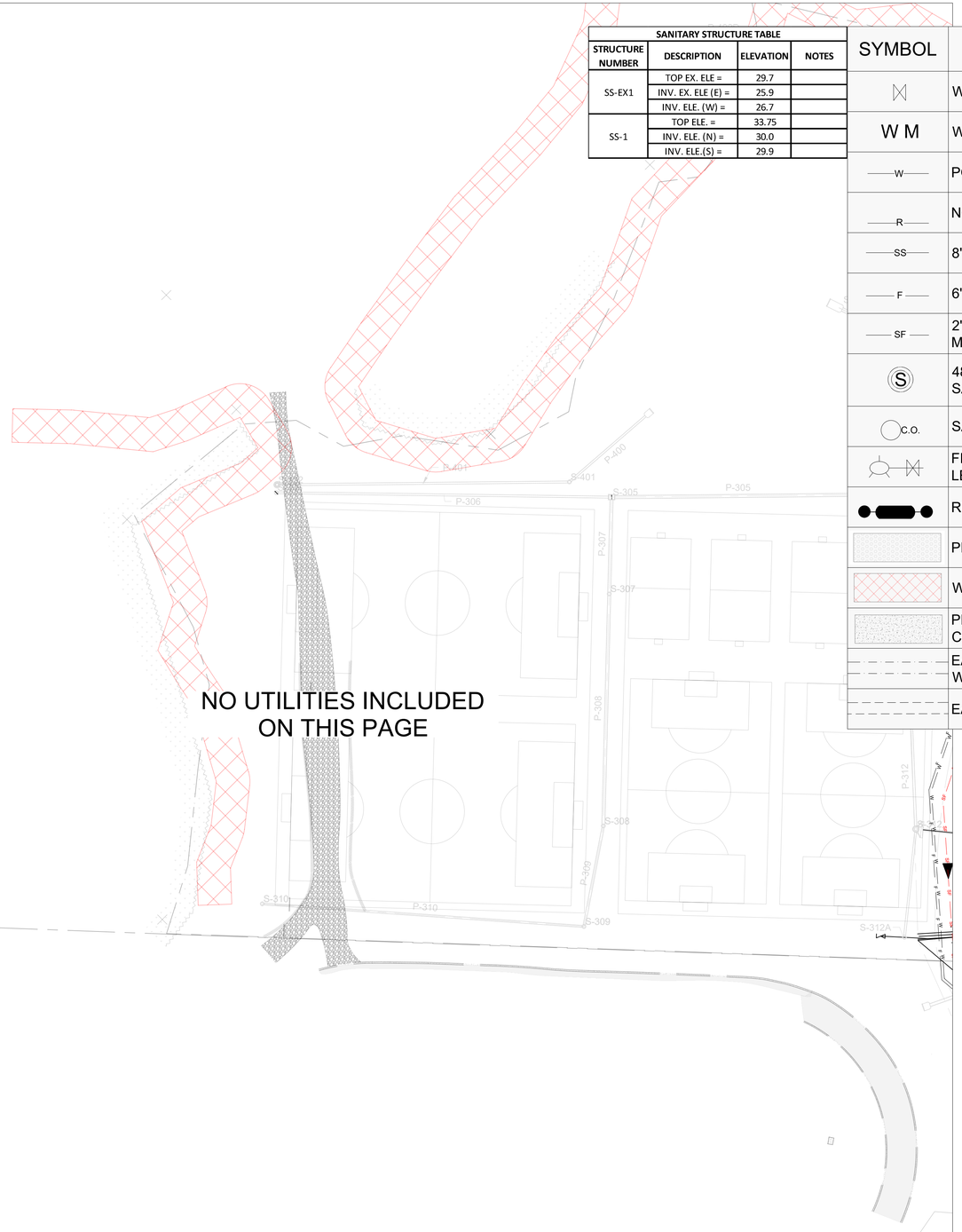
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U-03

File: Z:\Projects\1090100 SANTA ROSA SPORTS PARK\02-Civil\1090100 U01 UTILITIES - Phase 1 ; Plotted: 4/8/2025 12:20 PM by DEWEY.PHILLIPS ; Saved: 4/8/2025 12:18 PM by DEWEY.PHILLIPS

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

SANITARY STRUCTURE TABLE			
STRUCTURE NUMBER	DESCRIPTION	ELEVATION	NOTES
SS-EX1	TOP EX. ELE =	29.7	
	INV. EX. ELE (E) =	25.9	
	INV. ELE. (W) =	26.7	
SS-1	TOP ELE. =	33.75	
	INV. ELE. (N) =	30.0	
	INV. ELE.(S) =	29.9	



NO UTILITIES INCLUDED
ON THIS PAGE

LEGEND

SYMBOL	ITEM	DETAIL NO.
	WATER VALVE	3/12
W M	WATER METER	3/11
W	POTABLE WATER MAIN	1/11 1, 2, 4/12
R	NON-POTABLE WATER	3/11 1, 2, 3, 4/12
SS	8" SANITARY GRAVITY	1/11 1/12
F	6" FIRE LINE	
SF	2" SANITARY FORCE MAIN	
S	48" CONCRETE SANITARY MANHOLE	SEE SHEETS 4-10 4-11 4-12
C.O.	SANITARY CLEANOUT	2/14
	FIRE HYDRANT W/ 6" LEAD & VALVE	2/13
	RPZ/DDCV	2/11 3/13
	PROPOSED PAVEMENT	SEE CIVIL PLANS
	WETLAND	SEE CIVIL PLANS
	PROPOSED CONCRETE	SEE CIVIL PLANS
	EASEMENT REUSE WATER	N/A
	EASEMENT UTILITY	N/A

N

Sunshine811

0 100 200 Feet

SANTA ROSA COUNTY FLORIDA IN GOD WE TRUST

Rev.	Date	Description

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY PLAN SHEET (PHASE 1)

VOLKERT Engineers · Surveyors · Planners
215 FAIRPOINT DRIVE
SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by: AVH IV
Drawn by: D.P.
Ckd by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: FEBRUARY 2023
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

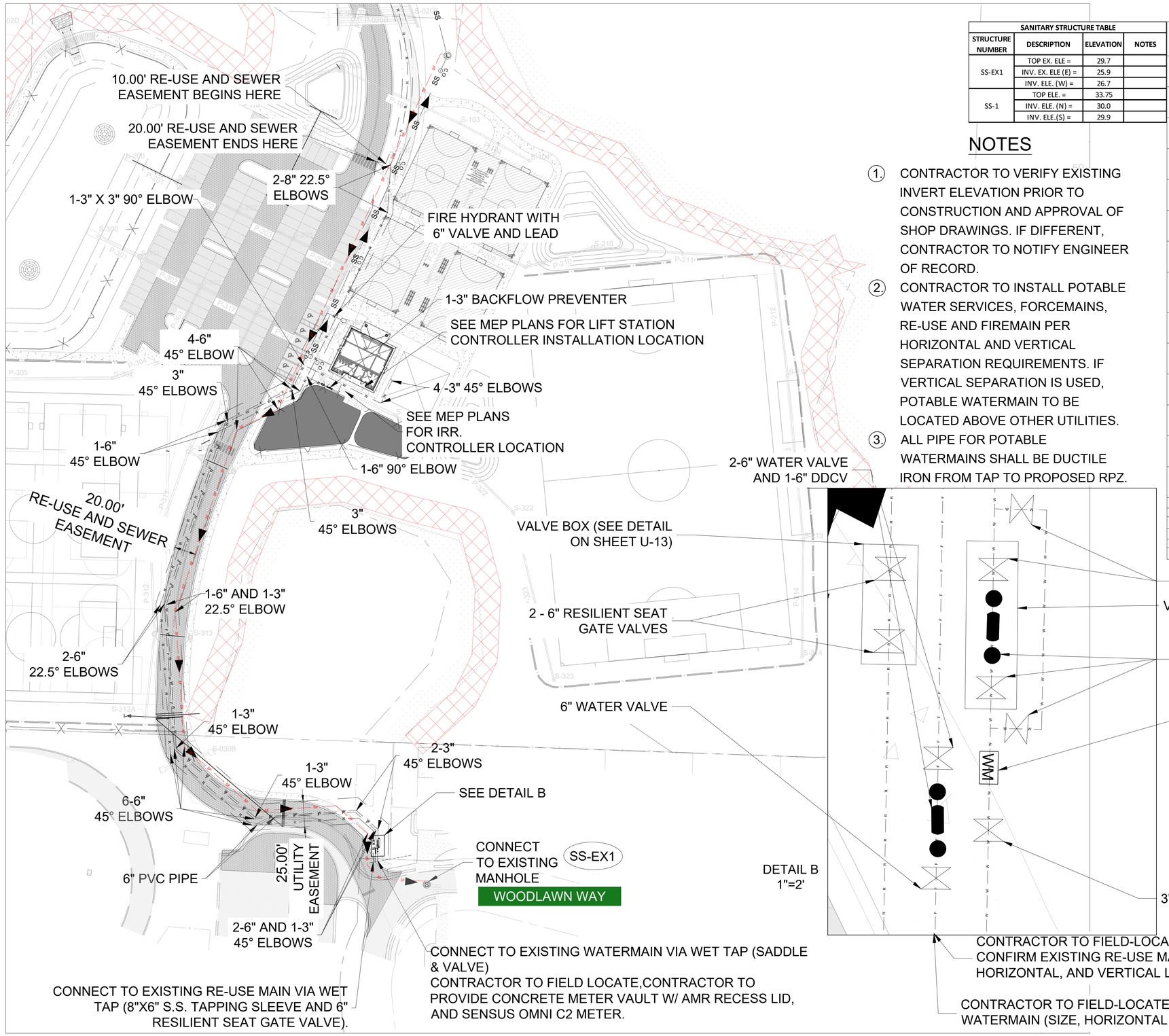
ARTHUR VANCE HOOKS IV LICENSE No. 66355 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet Reference No.

U-04

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



SANITARY STRUCTURE TABLE			
STRUCTURE NUMBER	DESCRIPTION	ELEVATION	NOTES
SS-EX1	TOP EX. ELE =	29.7	
	INV. EX. ELE (E) =	25.9	
	INV. ELE. (W) =	26.7	
SS-1	TOP ELE. =	33.75	
	INV. ELE. (N) =	30.0	
	INV. ELE.(S) =	29.9	

NOTES

1. CONTRACTOR TO VERIFY EXISTING INVERT ELEVATION PRIOR TO CONSTRUCTION AND APPROVAL OF SHOP DRAWINGS. IF DIFFERENT, CONTRACTOR TO NOTIFY ENGINEER OF RECORD.
2. CONTRACTOR TO INSTALL POTABLE WATER SERVICES, FORCEMAINS, RE-USE AND FIREMAIN PER HORIZONTAL AND VERTICAL SEPARATION REQUIREMENTS. IF VERTICAL SEPARATION IS USED, POTABLE WATERMAIN TO BE LOCATED ABOVE OTHER UTILITIES.
3. ALL PIPE FOR POTABLE WATERMAINS SHALL BE DUCTILE IRON FROM TAP TO PROPOSED RPZ.

LEGEND

SYMBOL	ITEM	DETAIL NO.
	WATER VALVE	3/12
W M	WATER METER	3/11
—W—	POTABLE WATER MAIN	1/11, 1, 2, 4/12
—R—	NON-POTABLE WATER	3/11, 1, 2, 3, 4/12
—SS—	8" SANITARY GRAVITY	1/11, 1/14
—F—	6" FIRE LINE	
—SF—	2" SANITARY FORCE MAIN	
S	48" CONCRETE SANITARY MANHOLE	SEE SHEETS 4-10 4-11 4-12
C.O.	SANITARY CLEANOUT	2/14
	FIRE HYDRANT W/ 6" LEAD & VALVE	2/13
	RPZ/DDCV	2/11, 3/13
	PROPOSED PAVEMENT	SEE CIVIL PLANS
	WETLAND	SEE CIVIL PLANS
	PROPOSED CONCRETE	SEE CIVIL PLANS
	EASEMENT REUSE WATER	N/A
	EASEMENT UTILITY	N/A

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Rev:	Date:	Description	Appr

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY PLAN SHEET (PHASE 1)

Date: FEBRUARY 2025
M&N Project No.: 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Designed by: AVH IV
Drn by: D.P.
Chd by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

VOLKERT
215 FAIRPOINT DRIVE SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Sunshine811

ARTHUR VANCE HOOKS III — LICENSE No. 68355 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

Sheet Reference No.
U-05

File: Z:\Projects\1090100 SANTA ROSA SPORTS PARK\02-Civil\1090100 U01 UTILITIES - Phase 1 ; Plotted: 4/8/2025 12:20 PM by DEWEY.PHILLIPS ; Saved: 4/8/2025 12:18 PM by DEWEY.PHILLIPS

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

CONNECT TO EXISTING WATERMAIN VIA 3" WET TAP (SADDLE & VALVE). CONTRACTOR TO FIELD LOCATE RPZ AND 1-3" WATER VALVE, AND PROVIDE CONCRETE METER VAULT W/ AMR RECESSED LID, AND SENSUS OMNI C2 METER.

CONNECT TO EXISTING WATERMAIN VIA 6" WET TAP (SADDLE & VALVE), CONTRACTOR TO FIELD LOCATE DOUBLE DETECTOR CHECK VALVE AND 1-6" WATER WALVE.

PARCEL BOUNDARY

10.00' RE-USE AND SEWER EASEMENT

SEE PLAN SHEET U-07

SEE PLAN SHEET U-08

SEE PLAN SHEET U-09 (NO UTILITIES ARE INCLUDED ON SHEET U-09)

20.00' RE-USE AND SEWER EASEMENT

25.00' UTILITY EASEMENT

SEE PLAN SHEET U-10

PARCEL BOUNDARY

1/12

SANITARY STRUCTURE TABLE			
STRUCTURE NUMBER	DESCRIPTION	ELEVATION	NOTES
SS-EX1	TOP EX. ELE =	29.7	
	INV. EX. ELE (E) =	25.9	
	INV. ELE. (W) =	26.7	
SS-1	TOP ELE. =	33.75	
	INV. ELE. (N) =	30.0	
	INV. ELE.(S) =	29.9	

LEGEND

SYMBOL	ITEM	DETAIL NO.
	WATER VALVE	3/12
W M	WATER METER	3/11
W	POTABLE WATER MAIN	1/11, 1, 2, 4/12
R	NON-POTABLE WATER	3/11, 1, 2, 3, 4/12
SS	8" SANITARY GRAVITY	1/11, 1/14
F	6" FIRE LINE	
SF	2" SANITARY FORCE MAIN	
S	48" CONCRETE SANITARY MANHOLE	SEE SHEETS 4-10 4-11 4-12
C.O.	SANITARY CLEANOUT	2/14
	FIRE HYDRANT W/ 6" LEAD & VALVE	2/13
	RPZ/DDCV	2/11, 3/13
	PROPOSED PAVEMENT	SEE CIVIL PLANS
	WETLAND	SEE CIVIL PLANS
	PROPOSED CONCRETE	SEE CIVIL PLANS
	EASEMENT REUSE WATER	N/A
	EASEMENT UTILITY	N/A

N

Sunshine 811

0 200 400 Feet

SANTA ROSA COUNTY FLORIDA IN GOD WE TRUST

Rev.	Date	Description	Appr

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY PLAN KEY SHEET (PHASE II)

VOLKERT
215 FAIRPOINT DRIVE SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by: AVH IV
Drawn by: D.P.
Cad by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: FEBRUARY 2023
M&N Project No. 202000
Drawing code:
Drawing Scale: 1:1 (0 SHEET)
Plot scale: 1:1 (0 SHEET)

ARTHUR VANCE HOOKS IV LICENSE No. 66355 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet Reference No.

U-06

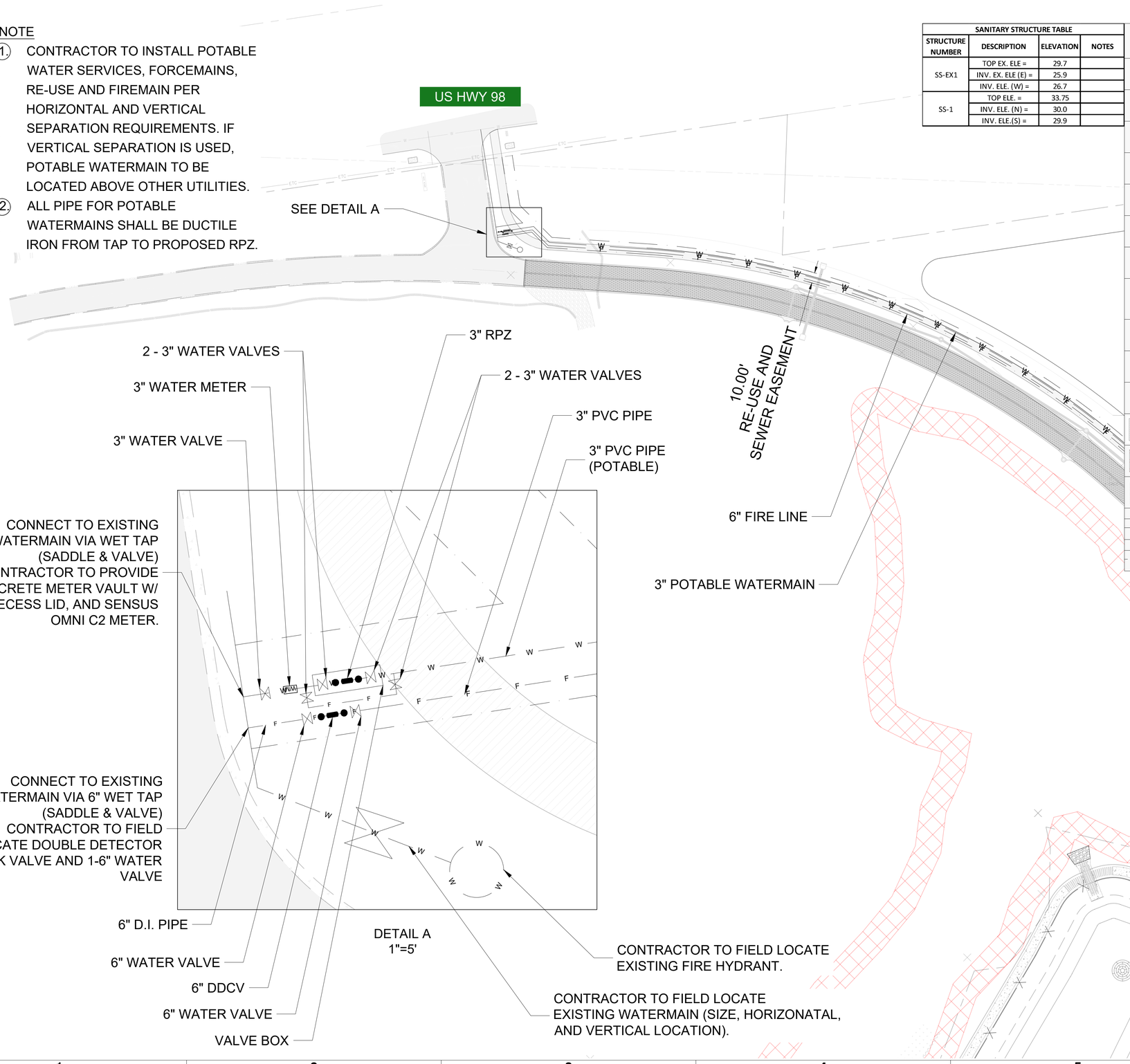
File: Z:\Projects\1090100 SANTA ROSA SPORTS PARK\02-Civil\1090100 U01 UTILITIES - Phase 2 - Plotted: 4/8/2025 12:20 PM by DEWEY PHILLIPS - Saved: 3/7/2025 10:25 AM by BRADYN.LUNA

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

NOTE

1. CONTRACTOR TO INSTALL POTABLE WATER SERVICES, FORCEMAINS, RE-USE AND FIREMAIN PER HORIZONTAL AND VERTICAL SEPARATION REQUIREMENTS. IF VERTICAL SEPARATION IS USED, POTABLE WATERMAIN TO BE LOCATED ABOVE OTHER UTILITIES.
2. ALL PIPE FOR POTABLE WATERMAINS SHALL BE DUCTILE IRON FROM TAP TO PROPOSED RPZ.

SANITARY STRUCTURE TABLE			
STRUCTURE NUMBER	DESCRIPTION	ELEVATION	NOTES
SS-EX1	TOP EX. ELE =	29.7	
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SS-1	TOP ELE. =	33.75	
	INV. ELE. (N) =	30.0	
	INV. ELE.(S) =	29.9	



LEGEND

SYMBOL	ITEM	DETAIL NO.
	WATER VALVE	3/12
W M	WATER METER	3/11
W	POTABLE WATER MAIN	1/11 1, 2, 4/12
R	NON-POTABLE WATER	3/11 1, 2, 3, 4/12
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S	48" CONCRETE SANITARY MANHOLE	SEE SHEETS 4-10 4-11 4-12
C.O.	SANITARY CLEANOUT	2/14
	FIRE HYDRANT W/ 6" LEAD & VALVE	2/13
	RPZ/DDCV	2/11 3/13
	PROPOSED PAVEMENT	SEE CIVIL PLANS
	WETLAND	SEE CIVIL PLANS
	PROPOSED CONCRETE	SEE CIVIL PLANS
	EASEMENT REUSE WATER	N/A
	EASEMENT UTILITY	N/A

SANTA ROSA COUNTY FLORIDA IN GOD WE TRUST

Rev.	Date	Description

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY PLAN SHEET (PHASE II)

VOLKERT
215 FAIRPOINT DRIVE SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by:	AVH IV
Drawn by:	D.P.
Cad by:	M.W.
Reviewed by:	
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	FEBRUARY 2023
M&N Project No.	202000
Drawing code:	
Drawing Scale:	1:1 (0 SHEET)
Plot scale:	1:1 (22"x34")

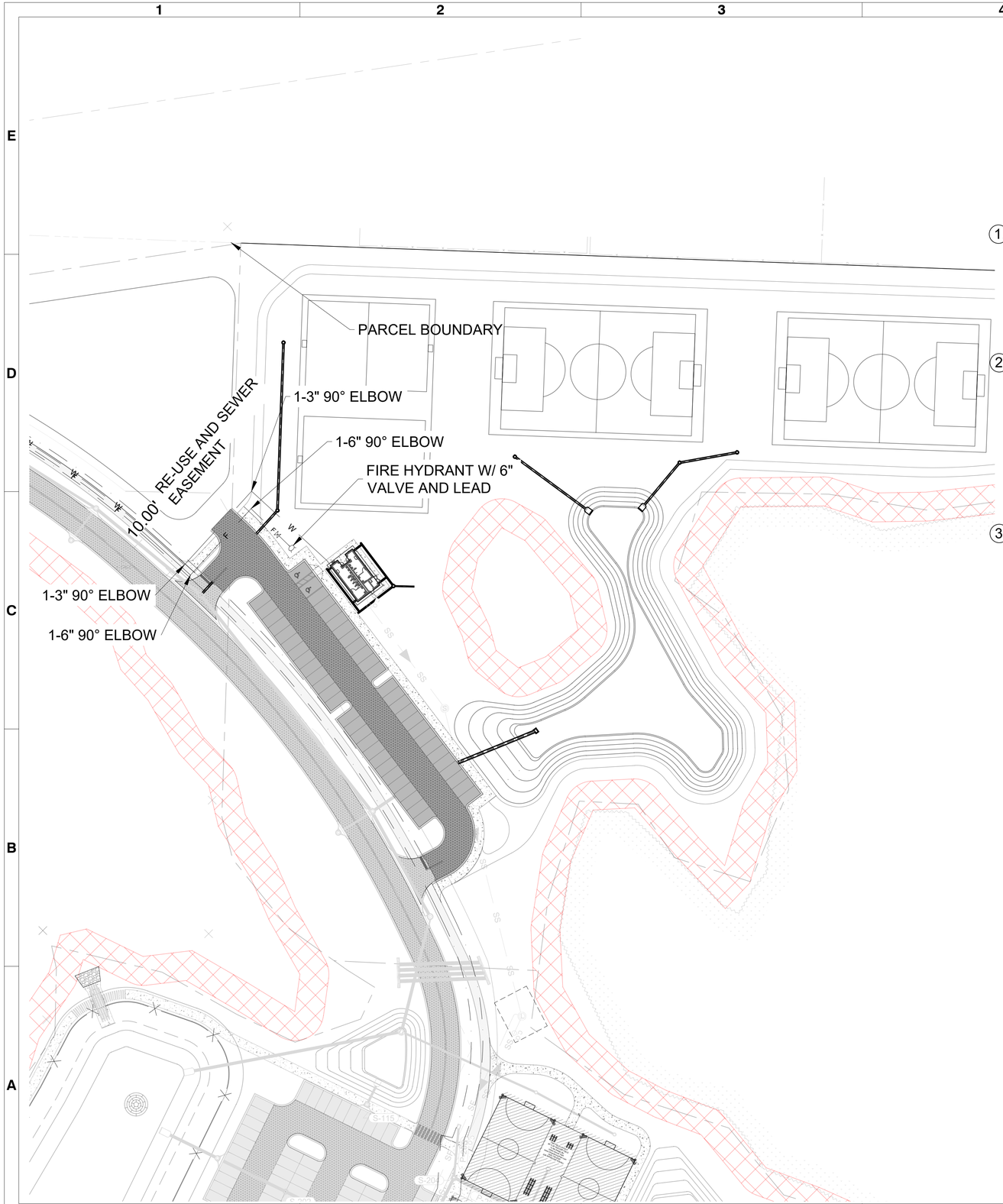
ARTHUR VANCE HOOKS IV LICENSE No. 66355 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet Reference No.

U-07

File: Z:\Projects\1090100 SANTA ROSA SPORTS PARK\02-Civil\1090100 U01 UTILITIES - Phase 2 ; Plotted: 4/8/2025 12:20 PM by DEWEY PHILLIPS ; Saved: 3/7/2025 10:25 AM by BRADYN.LUNA

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



SANITARY STRUCTURE TABLE			
STRUCTURE NUMBER	DESCRIPTION	ELEVATION	NOTES
SS-EX1	TOP EX. ELE =	29.7	
	INV. EX. ELE (E) =	25.9	
	INV. ELE. (W) =	26.7	
SS-1	TOP ELE. =	33.75	
	INV. ELE. (N) =	30.0	
	INV. ELE.(S) =	29.9	

NOTES

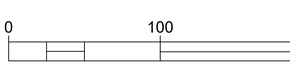
1. CONTRACTOR TO VERIFY EXISTING INVERT ELEVATION PRIOR TO CONSTRUCTION AND APPROVAL OF SHOP DRAWINGS. IF DIFFERENT, CONTRACTOR TO NOTIFY ENGINEER OF RECORD.
2. CONTRACTOR TO INSTALL POTABLE WATER SERVICES, FORCEMAINS, RE-USE AND FIREMAIN PER HORIZONTAL AND VERTICAL SEPARATION REQUIREMENTS. IF VERTICAL SEPARATION IS USED, POTABLE WATERMAIN TO BE LOCATED ABOVE OTHER UTILITIES.
3. ALL PIPE FOR POTABLE WATERMAINS SHALL BE DUCTILE IRON FROM TAP TO PROPOSED RPZ.

LEGEND

SYMBOL	ITEM	DETAIL NO.
	WATER VALVE	3/12
W M	WATER METER	3/11
W	POTABLE WATER MAIN	1/11 ; 1, 2, 4/12
R	NON-POTABLE WATER	3/11 ; 1, 2, 3, 4/12
SS	8" SANITARY GRAVITY	1/11 ; 1/14
F	6" FIRE LINE	
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C.O.	SANITARY CLEANOUT	2/14
	FIRE HYDRANT W/ 6" LEAD & VALVE	2/13
	RPZ/DDCV	2/11 ; 3/13
	PROPOSED PAVEMENT	SEE CIVIL PLANS
	WETLAND	SEE CIVIL PLANS
	PROPOSED CONCRETE	SEE CIVIL PLANS
	EASEMENT REUSE WATER	N/A
	EASEMENT UTILITY	N/A

4X6 TEE 1	ADS 4"X6" TEE STA: 107+83.75 OFF: RIM/GRATE = 32.79' RD 1, 4" N12 HDPE I	
4X6 TEE 2	ADS 4"X6" TEE STA: 108+15.05 OFF: RIM/GRATE = 32.48' RD 2, 4" N12 HDPE I	
4X6 TEE 3	ADS 4"X6" TEE STA: 107+86.91 OFF: RIM/GRATE = 32.79' RD 3, 4" N12 HDPE INV = 32.39'	
4X6 TEE 4	ADS 4"X6" TEE STA: 108+17.14 OFF: 147.26 L RIM/GRATE = 32.48' RD 4, 4" N12 HDPE INV = 32.08'	
6X6 TEE 1	ADS 6"X6" TEE STA: 108+23.44 OFF: 110.18 L RIM/GRATE = 32.57' RD HEADER 1, 6" N12 HDPE INV = 32.00'	
CLEAN OUT 1	CLEAN OUT STA: 107+82.55 OFF: 113.88 L RIM/GRATE = 32.97' RD HEADER 1, 6" N12 HDPE INV = 32.40'	
CLEAN OUT 2	CLEAN OUT STA: 107+85.81 OFF: 150.59 L RIM/GRATE = 32.97' RD HEADER 3, 6" N12 HDPE INV = 32.40'	
CLEAN OUT 3	CLEAN OUT STA: 108+23.67 OFF: 109.00 L RIM/GRATE = 32.57' RD HEADER 2, 6" N12 HDPE INV = 32.00'	
DS 1	DOWN SPOUT STA: 107+84.05 OFF: 117.33 L RIM/GRATE = 32.90' RD 1, 4" N12 HDPE INV = 32.50'	
DS 2	DOWN SPOUT STA: 108+15.25 OFF: 114.36 L RIM/GRATE = 32.90' RD 2, 4" N12 HDPE INV = 32.50'	
DS 3	DOWN SPOUT STA: 107+86.22 OFF: 141.96 L RIM/GRATE = 0.00'	
DS 4	DOWN SPOUT STA: 108+16.68 OFF: 139.06 L RIM/GRATE = 0.00'	
S-501	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 107+24.09 OFF: 118.42 L RIM/GRATE = 31.50' P-502, 15" PIPE INV = 26.40' P-501, 15" PIPE INV = 26.90'	
S-502	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 106+40.42 OFF: 230.76 L RIM/GRATE = 31.30' P-502, 15" PIPE INV = 26.70'	
S-600	1-6 SINGLE - 15" MES STA: 108+68.92 OFF: 318.59 L RIM/GRATE = 29.93' P-601, 15" PIPE INV = 25.50'	
S-601	30" NYLOPLAST BASIN (24" H-10 GRATE) STA: 108+12.89 OFF: 299.40 L RIM/GRATE = 30.46' P-601, 15" PIPE INV = 25.80'	
S-700	1-6 SINGLE - 15" MES STA: 108+68.04 OFF: 358.78 L RIM/GRATE = 27.24'	





0 100 200 Feet

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Rev:	Date:	Description	Appr

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY PLAN SHEET (PHASE II)

Designed by: AVH IV	Cad by: M.W.	Drawing code:	Drawing Scale: 1:1 (0 SHEET)
Dwn by: D.P.			Plot scale: 1:1 (0 SHEET)
Reviewed by:		Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	
Date: FEBRUARY 2023	M&N Project No: 202000		

VOLKERT
215 FAIRPOINT DRIVE
SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ARTHUR VANCE HOOKS III
LICENSE
No. 68355
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Sheet Reference No.

U-08

File: Z:\Projects\1090100 SANTA ROSA SPORTS PARK\02-Civil\1090100 U01 UTILITIES - Phase 2 ; Plotted: 4/8/2025 12:20 PM by DEWEY PHILLIPS ; Saved: 3/7/2025 10:25 AM by BRADYN.LUNA

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

SANITARY STRUCTURE TABLE			
STRUCTURE NUMBER	DESCRIPTION	ELEVATION	NOTES
SS-EX1	TOP EX. ELE =	29.7	
	INV. EX. ELE (E) =	25.9	
	INV. ELE. (W) =	26.7	
SS-1	TOP ELE. =	33.75	
	INV. ELE. (N) =	30.0	
	INV. ELE.(S) =	29.9	

NO UTILITIES INCLUDED
ON THIS PAGE

LEGEND

SYMBOL	ITEM	DETAIL NO.
	WATER VALVE	3/12
W M	WATER METER	3/11
W	POTABLE WATER MAIN	1/11 ; 1, 2, 4/12
R	NON-POTABLE WATER	3/11 ; 1, 2, 3, 4/12
SS	8" SANITARY GRAVITY	1/11 ; 1/14
F	6" FIRE LINE	
SF	2" SANITARY FORCE MAIN	
S	48" CONCRETE SANITARY MANHOLE	SEE SHEETS 4-10 4-11 4-12
C.O.	SANITARY CLEANOUT	2/14
	FIRE HYDRANT W/ 6" LEAD & VALVE	2/13
	RPZ/DDCV	2/11 ; 3/13
	PROPOSED PAVEMENT	SEE CIVIL PLANS
	WETLAND	SEE CIVIL PLANS
	PROPOSED CONCRETE	SEE CIVIL PLANS
	EASEMENT REUSE WATER	N/A
	EASEMENT UTILITY	N/A

N

0 100 200 Feet

Sunshine811

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Rev.	Date	Description	Mark

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY PLAN SHEET (PHASE II)

VOLKERT
215 FAIRPOINT DRIVE SUITE B
GULF BREEZE, FL 32561

Designed by: AVH IV
Drawn by: D.P.
Cad by: M.W.
Reviewed by:
Submitted by: SUBMITTERS NAME MOFFATT & NICHOL
Date: FEBRUARY 2023
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

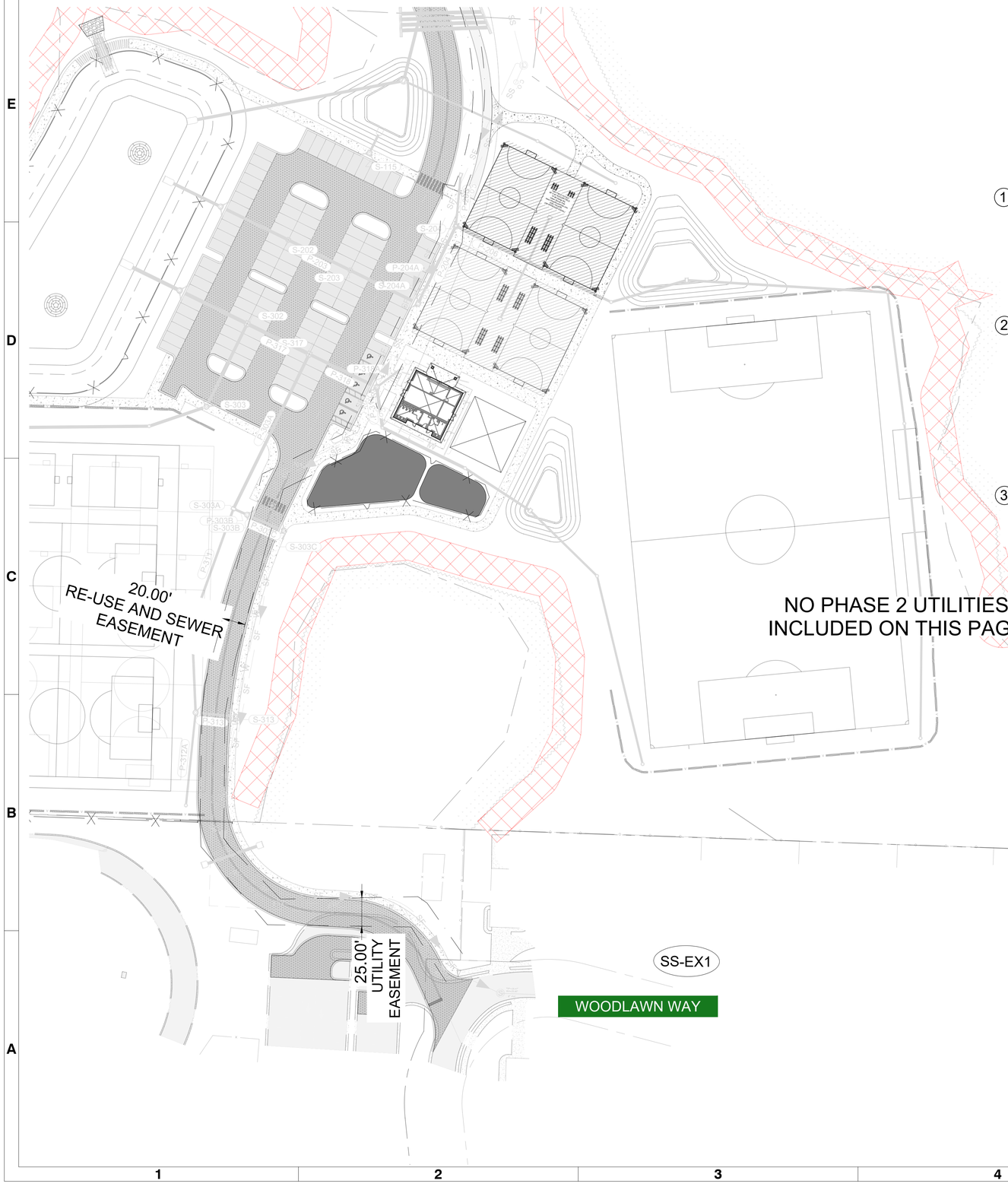
ARTHUR VANCE HOOKS IV
LICENSE
No. 66355
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Sheet Reference No.

U-09

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



NO PHASE 2 UTILITIES INCLUDED ON THIS PAGE

DETAIL C
1"=2'

SANITARY STRUCTURE TABLE			
STRUCTURE NUMBER	DESCRIPTION	ELEVATION	NOTES
SS-EX1	TOP EX. ELE =	29.7	
	INV. EX. ELE (E) =	25.9	
	INV. ELE. (W) =	26.7	
SS-1	TOP ELE. =	33.75	
	INV. ELE. (N) =	30.0	
	INV. ELE.(S) =	29.9	

NOTES

1. CONTRACTOR TO VERIFY EXISTING INVERT ELEVATION PRIOR TO CONSTRUCTION AND APPROVAL OF SHOP DRAWINGS. IF DIFFERENT, CONTRACTOR TO NOTIFY ENGINEER OF RECORD.
2. CONTRACTOR TO INSTALL POTABLE WATER SERVICES, FORCEMAINS, RE-USE AND FIREMAIN PER HORIZONTAL AND VERTICAL SEPARATION REQUIREMENTS. IF VERTICAL SEPARATION IS USED, POTABLE WATERMAIN TO BE LOCATED ABOVE OTHER UTILITIES.
3. ALL PIPE FOR POTABLE WATERMAINS SHALL BE DUCTILE IRON FROM TAP TO PROPOSED RPZ.

LEGEND

SYMBOL	ITEM	DETAIL NO.
	WATER VALVE	3/12
W M	WATER METER	3/11
—W—	POTABLE WATER MAIN	1/11 ; 1, 2, 4/12
—R—	NON-POTABLE WATER	3/11 ; 1, 2, 3, 4/12
—SS—	8" SANITARY GRAVITY	1/11 ; 1/14
—F—	6" FIRE LINE	
—SF—	2" SANITARY FORCE MAIN	
S	48" CONCRETE SANITARY MANHOLE	SEE SHEETS 4-10 4-11 4-12
C.O.	SANITARY CLEANOUT	2/14
	FIRE HYDRANT W/ 6" LEAD & VALVE	2/13
	RPZ/DDCV	2/11 ; 3/13
	PROPOSED PAVEMENT	SEE CIVIL PLANS
	WETLAND	SEE CIVIL PLANS
	PROPOSED CONCRETE	SEE CIVIL PLANS
	EASEMENT REUSE WATER	N/A
	EASEMENT UTILITY	N/A

N

Sunshine811

0 100 200 Feet

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Appr	Date	Description	Mark

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY PLAN SHEET (PHASE II)

VOLKERT Engineering · Surveying · Planning
215 FAIRPOINT DRIVE
SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by: AVH IV
Drawn by: D.P.
Checked by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: FEBRUARY 2023
M&N Project No.: 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev:

ARTHUR VANCE HOOKS IV — LICENSE No. 66355 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

Sheet Reference No.
U-10

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MIDWAY WATER NOTES

1. NO WORK CAN BEGIN UNTIL MIDWAY WATER RECEIVES THE APPROVED GENERAL USE PERMIT FROM THE D.E.P. AND AT THE END OF POTABLE WATER PROJECT, MIDWAY WATER WILL REQUIRE A CERTIFICATION OF COMPLETION FROM THE D.E.P.
2. THE CERTIFICATION OF COMPLETION DOES NOT MEAN MIDWAY WATER WILL ACCEPT THE THE PROJECT INTO THEIR SYSTEM, THE CERTIFICATION JUST CONFIRMS THAT THE PROJECT HAS MET THE D.E.P. REQUIREMENTS FOR A NEW POTABLE WATER DISTRIBUTION SYSTEM FOR THE SUBDIVISION.
3. NO VALVES MAY BE TURNED ON FOR ANY REASON OTHER THAN FLUSHING AND PRESSURE TESTING. IF A VALVE IS FOUND TO HAVE BEEN LEFT ON, IT IS REQUIRED THAT THE VIOLATION BE REPORTED TO THE D.E.P. THERE WILL BE FINES INVOLVED.
4. MIDWAY WATER SYSTEM WILL ONLY PROVIDE WATER SERVICE AFTER ALL ISSUES, IF ANY, HAVE BEEN ADDRESSED AND CORRECTED, FOLLOWING THE INSPECTION BY THE MIDWAY WATER SYSTEM REPRESENTATIVE.
5. ALL PLANS WILL NEED THE USUAL DETAILS OF HYDRANTS, POTABLE WATER SERVICES AND VALVES. ALL WATER MAINS UNDER ROADWAYS WILL BE SLEEVED IN CAST IRON FROM CURB TO CURB. ALL WATER MAINS WILL BE 4" C-900 PVC OR LARGER.
6. FOR MATERIALS WE REQUIRE EACH POTABLE WATER SERVICE TO BE 1" REDUCED AT THE CURB STOP WITH A FORD BRASS 1" GRIP BY ¾ METER SWIVEL AND ALL WATER SERVICES WILL BE INDIVIDUALLY TAPPED OFF OF THE WATER MAIN.
7. ALL SADDLES WILL BE FORD BRASS SINGLE HINGED, SINGLE SCREW SADDLES. NO DOUBLE BAND SADDLES ARE PERMITTED.
8. SERVICES WILL BE LOCATED WITHIN 2' OF PROPERTY CORNERS, CLEARLY VISIBLE, MARKED AND STAKED ON THE OPPOSITE SIDE FROM ANY REUSE WATER SERVICES. ALL WATER SERVICES UNDER ROADWAYS WILL BE SLEEVED IN PVC FROM CURB TO CURB. THE CONTRACTOR MUST SUPPLY CARSON PLASTIC METER BOXES, WITH A HOLE IN THE LID FOR THE ELECTRONIC READER, FOR ALL WATER SERVICES.
9. RETAINER FLANGES TO BE USED ON ALL DUCTILE IRON FITTINGS. ANCHOR COUPLINGS ON HYDRANT AND HYDRANT VALVES. IF ANCHOR COUPLINGS ARE NOT LONG ENOUGH TO GET THE HYDRANT UP TO THE PROPERTY LINE, THEN DUCTILE IRON WILL BE INSTALLED BETWEEN THE HYDRANT AND VALVE.
10. ALL LARGE TAPPING SADDLES WILL BE PRESSURE TESTED TO HOLD 150 PSI FOR 2 HOURS BEFORE MAKING ANY TAPS WITH NO DROP IN PRESSURE. A MIDWAY WATER SYSTEM REPRESENTATIVE MUST BE PRESENT TO WITNESS THE PRESSURE TEST BEFORE TAPPING THE MAIN. MIDWAY WATER REQUIRES A 48 HOUR NOTICE PRIOR TO DOING THE PRESSURE TEST.
11. NO BENDING OF ANY MAINS. THE CONTRACTOR MUST USE PROPER DUCTILE IRON FITTINGS WITH RESTRAINING FLANGES AROUND CURVES AND CUL-DE-SAC'S.
12. ALL VALVES WILL HAVE A CONCRETE RING INSTALLED AND WILL BE VISIBLE AT TIME OF INSPECTION.
13. ALL FIRE HYDRANTS WILL BE INSTALLED TO THE PROPER HEIGHT AT THE FINISHED GRADE. NO LOW-SET HYDRANTS WILL BE ALLOWED TO REMAIN AND WILL BE REQUIRED TO BE RAISED TO CODE HEIGHT ABOVE FINISHED GRADE. AREAS THAT REQUIRE FILL DIRT WILL BE DONE AT THE DEVELOPERS EXPENSE.
14. ALL WORK MUST BE DONE BY A FLORIDA LICENSED UNDERGROUND UTILITY CONTRACTOR. MIDWAY WATER WILL REQUIRE A COPY OF THE CONTRACTOR'S LICENSE BEFORE WORK BEGINS.
15. WE WILL NEED A SET OF PRELIMINARY CONSTRUCTION PLANS FOR REVIEW AND APPROVAL BEFORE THE PROJECT STARTS. WHEN PLANS ARE REVIEWED AND APPROVED MIDWAY WATER WILL REQUIRE A SET OF APPROVED FOR CONSTRUCTION PLANS BEFORE CONSTRUCTION BEGINS.
16. AFTER THE POTABLE WATER INSTALLATION IS COMPLETED WE WILL REQUIRE A SET OF AS-BUILT PLANS SHOWING LOCATION OF ALL SERVICES, HYDRANTS, FITTINGS, VALVES AND MEASUREMENTS FROM BACK OF CURB TO THE WATER MAINS. AFTER THE INSPECTION IS COMPLETE MIDWAY WATER REQUIRES A DISC WITH THE AS-BUILT PLANS. SURVEY GRADE GPS AS-BUILTS IN STATE PLANE COORDINATES WILL BE PROVIDED FOR ALL VALVES AND HYDRANTS.
17. THE LETTER OF CLEARANCE FROM THE D.E.P. DOES NOT MEAN MIDWAY WATER SYSTEM ACCEPTS THE PROJECT. IT JUST MEANS THE PROJECT HAS MET ALL OF THE D.E.P. REQUIREMENTS FOR A COMPLETED POTABLE WATER DISTRIBUTION SYSTEM.
18. PULLING WATER FROM HYDRANTS FOR SERVICES WITHOUT HAVING THE PROPER METER AND BACKFLOW DEVICE INSTALLED OR TURNING ON VALVES WITHOUT PERMISSION WILL RESULT IN A TAMPERING FINE OF $500.00 TO THE OWNER OF THE PROJECT.
19. A "W" WILL BE ETCHED INTO THE CONCRETE CURB IN FRONT OF EACH WATER SERVICE.
20. A 3" FLUSH HYDRANT WILL BE INSTALLED AT THE END OF ANY WATER MAIN OR CUL-DE-SAC WITH A VALVE INCLUDED.
21. ALL WATER SAMPLING FOR THE HEALTH DEPARTMENT AND D.E.P. WILL BE DONE AT THE OWNER'S EXPENSE.
22. ALL COST FOR ALL COMMERCIAL WATER TAPS, INCLUDING FIRE MAINS, WILL BE AT THE OWNER'S EXPENSE. ANY COMMERCIAL METERS LARGER THAN 1" AND BACKFLOW DEVICES WILL BE PROVIDED BY THE CONTRACTOR.
23. A $5,000.00 FEE IS REQUIRED BY MIDWAY WATER FOR ANY FIRE LINES INSTALLED BY A CONTRACTOR. ALL INSTALLATION COSTS WILL BE AT OWNER'S EXPENSE.
24. MIDWAY WATER SYSTEM WILL PROVIDE WATER METERS UP TO 1" IN SIZE. IF AN INSTALLED METER IS TO BE LARGER THAN 1" IN SIZE, THE METER SHALL BE A SENSUS OMNI C2 METER INSTALLED AT THE CONTRACTOR'S EXPENSE.
25. ANY METERS 3" OR LARGER SHALL BE INSTALLED INSIDE OF A VAULT WITH A BYPASS AROUND THE OUTSIDE OF THE VAULT SO THAT THE METER CAN BE REPLACED IF NEEDED. ALL PIPING INTO AND AROUND THE VAULT SHALL BE DUCTILE IRON PIPING.

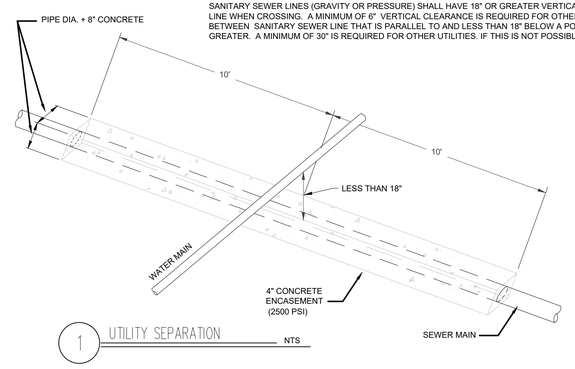
UTILITY SERVICE PROVIDER CONTACT INFORMATION

SEWER AND RE-USE WATER
THOMAS LAMBERT, PE
GULF BREEZE UTILITIES
1070 SHORELINE DRIVE
GULF BREEZE, FL 32561
850-934-4094
TLAMBERT@GULFBREEZEFL.GOV

POTABLE WATER
MIKE BOBICK
MIDWAY WATER
4971 GULF BREEZE PARKWAY
GULF BREEZE, FL 32563
850-791-0719
MBOBICK@MIDWAYWATER.COM

POWER
CHAD SWAILS
GULF POWER COMPANY
5120 DOGWOOD DRIVE
MILTON, FL 32570
850-249-2446

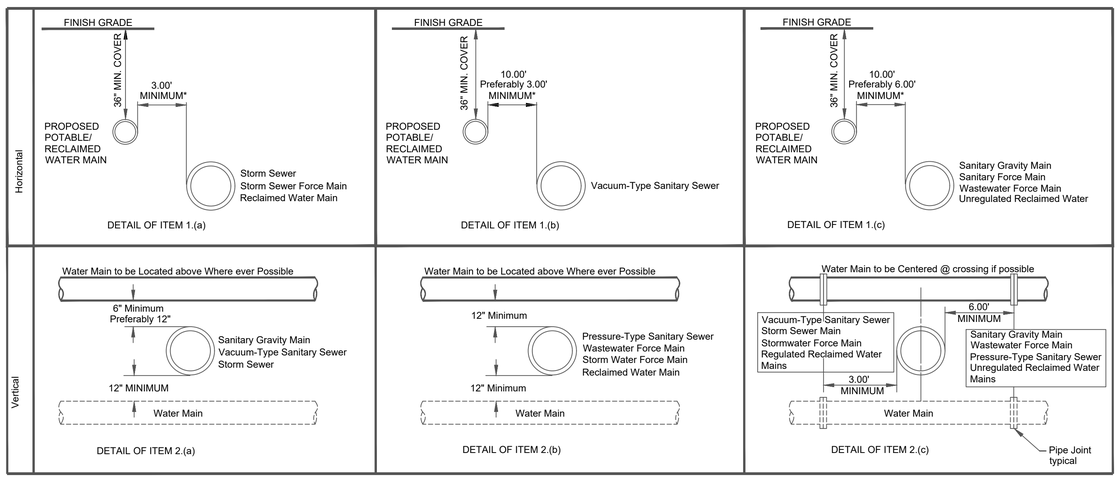
SUNSHINE ONE-CALL 811
11 PLANTATION ROAD
DEBARY, FL 32713
800-432-4770



SANITARY SEWER LINES (GRAVITY OR PRESSURE) SHALL HAVE 18" OR GREATER VERTICAL CLEARANCE BELOW ANY POTABLE WATER LINE WHEN CROSSING. A MINIMUM OF 6" VERTICAL CLEARANCE IS REQUIRED FOR OTHER UTILITIES. HORIZONTAL CLEARANCE BETWEEN SANITARY SEWER LINE THAT IS PARALLEL TO AND LESS THAN 18" BELOW A POTABLE WATER LINE SHALL BE 10' OR GREATER. A MINIMUM OF 30" IS REQUIRED FOR OTHER UTILITIES. IF THIS IS NOT POSSIBLE OR PRACTICAL, SEE NOTES BELOW:

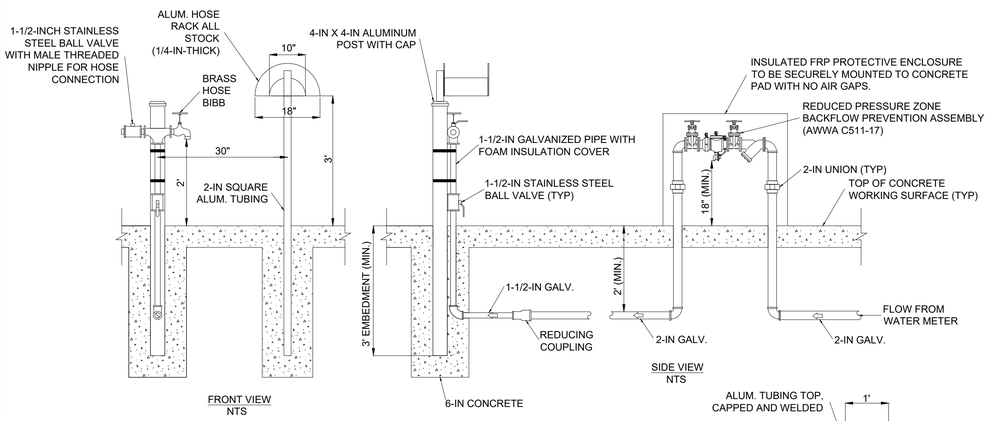
1 UTILITY SEPARATION NTS

NOTE
FOR CROSSING: ENCASE AS ABOVE SO THAT THE ENDS OF ENCASEMENT ARE AT LEAST 12' FROM ANY WATER LINE JOINT. WATER LINE JOINT MUST NOT BE CLOSER THAN 5' TO THE POINT OF CROSSING, OR IT MUST ALSO BE ENCASED.
ALTERNATE 1: USE EQUALLY (OR HIGHER) RATED PRESSURE PIPE FOR SEWER WITH NO JOINTS CLOSER THAN 12' APART AND 6" VERTICAL.
ALTERNATE 2: PLACE SEWER LINE INTO STEEL CASING AND CENTER 20' PIECE WITH 4' VERTICAL CLEARANCE AND SEAL ENDS FOR PARALLEL: AND 6' TO 10' APART USE ALTERNATE 2, BUT IF MORE THAN 40' IN LENGTH, ALTERNATE 1 MUST BE USED AND JOINTS ARE TO BE STAGGERED. IF LINES MUST BE 3' TO 6' APART, ALTERNATE 1 MUST BE USED WITH A HIGHER RATED PRESSURE PIPE FOR SEWER (i.e., WATER LINE IS DR25 THEN USE DR18 OR 21 FOR SEWER).



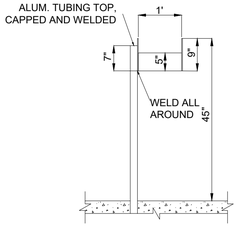
NOTE
THE 3' MINIMUM HORIZONTAL SEPARATION BETWEEN SEWER AND WATERMAINS SHALL APPLY TO BOTH POTABLE AND RECLAIMED WATERMAINS.

4 UTILITY SEPERATION NTS

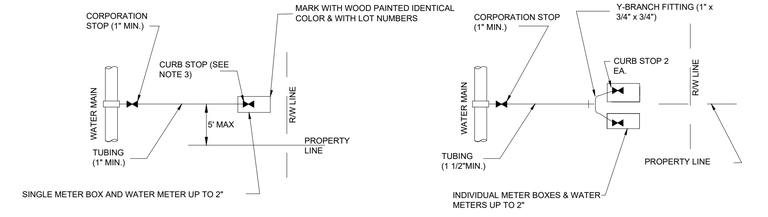


NOTES:

1. CONTRACTOR SHALL PROVIDE 50-FT OF 1-1/2-IN HEAVY DUTY RED RUBBER HOSE WITH THREADED FEMALE AND MALE ENDS.
2. CONTRACTOR SHALL CONFIRM INSTALLATION LOCATION WITH OWNER PRIOR TO CONSTRUCTION.

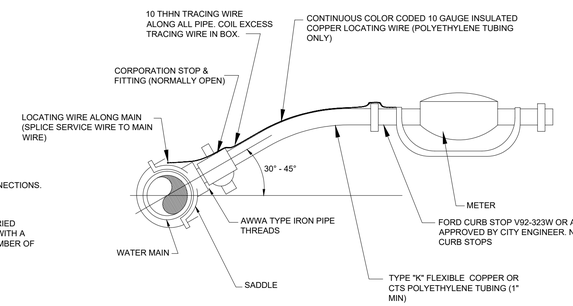


2 4" REDUCED PRESSURE BACKFLOW PREVENTER NTS



NOTES:

1. ALL FITTINGS SHALL BE BRASS WITH COMPRESSION/PACK JOINT TYPE CONNECTIONS.
2. NO SERVICE LINE SHALL TERMINATE UNDER A DRIVEWAY.
3. EACH SERVICE SHALL TERMINATE AT A CURB STOP(S) WHICH SHALL BE BURIED APPROXIMATELY 3" BELOW FINAL GRADE AND SHALL BE CLEARLY MARKED WITH A 2" x 2" x 18" STAKE WITH THE TOP PAINTED BLUE AND MARKED WITH THE NUMBER OF THE LOT(S) TO BE SERVED.
4. RECLAIMED WATER SERVICES SHALL BE PAINTED PURPLE (COPPER) OR USE PURPLE COLORED CTS POLYETHYLENE TUBING.
5. POTABLE WATER SERVICES SHALL BE PAINTED BLUE (COPPER) OR USE BLUE COLORED CTS POLYETHYLENE TUBING.



3 WATER SERVICE CONNECTION NTS

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	App'r

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY DETAIL 1

Designed by: AVH IV
Drawn by: D.P.
Cad by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MCFFATT & NICHOL

VOLKERT — 215 FAIRPOINT DRIVE SUITE B GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

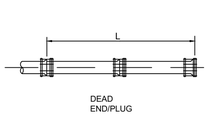
Date: FEBRUARY 2023
Rev:
M&N Project No. 202000
Drawing code:
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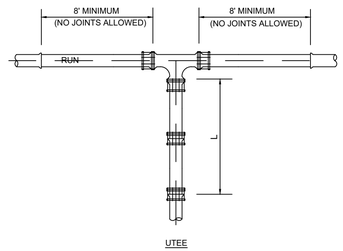
ARTHUR VANCE HOOKS LICENSE No. 66355 STATE OF FLORIDA PROFESSIONAL ENGINEER

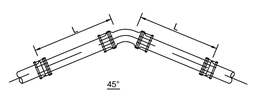
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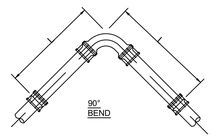
U-11

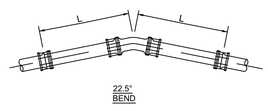
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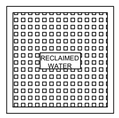
PIPE SIZE AND TYPE	HORIZONTAL BENDS				DEAD ENDS	EQUAL TEES See note 3
	90 Deg.	45 Deg.	22.5 Deg.	11.25 Deg.		
3" DI	18	8	4	2	33	1
4" DI	22	9	4	2	39	1
6" DI	31	13	6	3	55	1
8" DI	40	17	8	4	72	1
10" DI	48	20	9	5	86	1
12" DI	56	23	11	5	101	1
16" DI	70	29	14	7	129	1
20" DI	84	35	17	8	156	18
24" DI	96	40	19	9	181	41
4" PVC	28	12	6	3	62	1
6" PVC	39	16	8	4	87	1
8" PVC	50	21	10	5	114	1
10" PVC	60	25	12	6	136	1
12" PVC	70	29	14	7	160	1
16" PVC	88	36	17	9	205	1
20" PVC	105	43	21	10	247	29
24" PVC	120	50	24	12	287	64

NOTES : 1. TEST PRESSURE = 150 PSI, SOIL GROUP=SM, TRENCH TYPE=3, DEPTH=2.5', SAFETY FACTOR=2

2. RESTRAINED LENGTHS FOR VERTICAL OFFSETS, REDUCERS AND UNEQUAL SIZE TEES MUST BE INDIVIDUALLY CALCULATED.

3. WITH EQUAL TEES, THE DISTANCES SHOWN ARE WITH A RUN LENGTH OF 40' AS AN EXAMPLE ONLY. FOR OTHER LENGTHS AND FOR UNEQUAL TEES, INDIVIDUAL CALCULATIONS MUST BE MADE.

1 THRUST RESTRAINT NTS

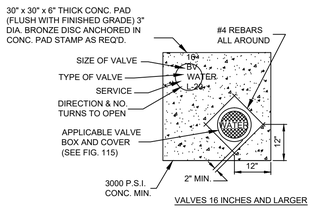




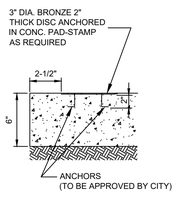
SEWER



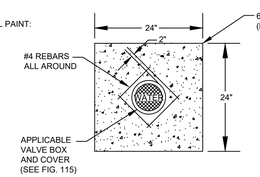
POTABLE
WATER



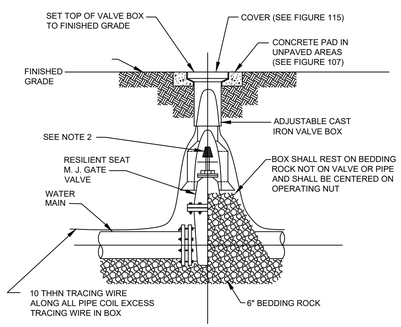
VALVES 16 INCHES AND LARGER



NOTES:
APPLY TWO COATS OF EXTERIOR ENAMEL PAINT:
PURPLE - RECLAIMED WATER
GREEN - SEWER
BLUE - POTABLE WATER

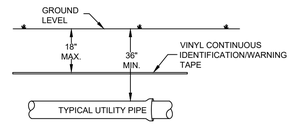


VALVES SMALLER THAN 16 INCHES



NOTES:
1. PVC EXTENSIONS MAY BE USED ON VALVE BOX INSTALLATION.
2. THE ACTUATING NUT FOR DEEPER VALVES SHALL BE EXTENDED TO WITHIN 4 FOOT DEPTH BELOW FINISHED GRADE.

3 VALVE COLLAR NTS

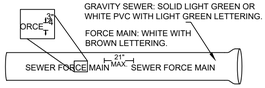


GENERAL
NOTES:

A. ALL UTILITY PIPE, EITHER PVC OR METAL, SHALL BE INSTALLED WITH 2 INCH WIDE VINYL CONTINUOUS TAPE, FOR IDENTIFICATION AND WARNING PURPOSES, BURIED ABOVE THE PIPE AT A MAXIMUM DEPTH DEPTH OF 18 INCHES OR AS APPROVED BY THE CITY. IT SHALL BE COLOR CODED AND WORDED AS FOLLOWS:

1. POTABLE WATER
   A. COLOR: BLUE WITH BLACK LETTERING.
   B. LETTERING: "CAUTION: WATER LINE BURIED BELOW" OR SIMILAR WORDING.
2. RECLAIMED WATER
   A. COLOR:PURPLE WITH WHITE LETTERING.
   B. LETTERING: "CAUTION: RECLAIMED WATER LINE BURIED BELOW" OR SIMILAR WORDING.
3. GRAVITY SEWER
   A. COLOR: GREEN WITH BLACK LETTERING.
   B. LETTERING: "CAUTION: SEWER LINE BURIED BELOW" OR SIMILAR WORDING.
4. SEWER FORCE MAIN
   A. COLOR: BROWN WITH BLACK LETTERING.
   B. LETTERING: "CAUTION: SEWER FORCE MAIN BURIED BELOW" OR SIMILAR WORDING.

B. A COLOR-CODED 10 GAUGE CONTINUOUS INSULATED LOCATING WIRE SHALL BE INSTALLED ALONG ALL PRESSURIZED NON-METALLIC MAINS. THE WIRES SHALL BE LOOPED AND TIED TO ALL VALVE BOXES. (SEE FIG. 400)



1) PIPE IDENTIFICATION LETTERING:
   A. FORCE MAIN: SEWER FORCE MAIN
   B. GRAVITY SEWER: SEWER LINE

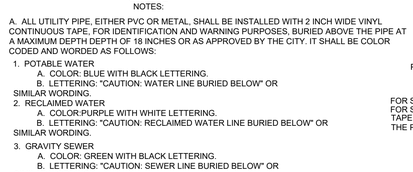
2) THE LETTERING SHALL APPEAR ON 3 SIDES OF THE PIPE AND RUN THE ENTIRE LENGTH OF THE PIPE.

3) LETTERING A MIN. OF 3/4 INCH IN HEIGHT AND APPEARING NOT LESS THAN ONCE EVERY 21 INCH INTERVAL SHALL RUN THE LENGTH OF THE PIPE.

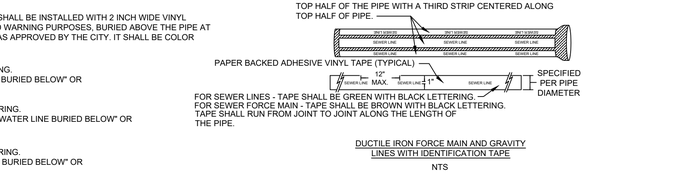
4) LETTERING MUST BE PERMANENTLY IMPREGNATED INTO THE PVC (IT CAN NOT BE STENCILED ONTO THE SURFACE).

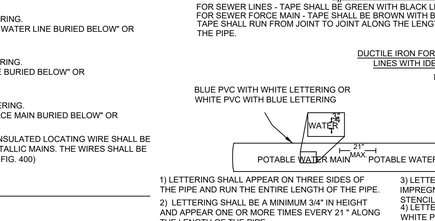
PVC FORCE MAIN AND GRAVITY LINES
NTS

2 PIPE DETECTOR WIRE MARKER TAPE INSTALLATION NTS

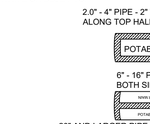


NOTES:
USE "MEGA-LUG" FITTINGS AS APPROVED BY THE PROJECT ENGINEER. "MEGA-LUG" CALCULATIONS TO BE PROVIDED BY THE CONTRACTOR AND APPROVED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION.





4 MEGALUG NTS



EBAA IRON MEGA-LUG Series
2000 PRESSURE RATINGS FOR
ORDINARY WATER WORKS:
DR14 200 PSI SDR17 250 PSI
DR18 150 PSI SDR21 200 PSI
DR25 100 PSI SDR26 160 PSI

(4) ◁FM▷ RATED 150 PSI ON DR18
EXCEEDS UNI-B-13 OF 92 FOR USE ON PVC PIPE MADE IN THE USA

EBAA IRON
MEGA-LUG Series
1100 350 PSI
RATING

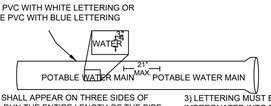
(4) ◁FM▷ RATED 175 PSI FOR USE ON DUCTILE IRON PIPE MADE IN THE USA

MEGALUG
DETAILS



FOR SEWER LINES - TAPE SHALL BE GREEN WITH BLACK LETTERING.
FOR SEWER FORCE MAIN - TAPE SHALL BE BROWN WITH BLACK LETTERING.
TAPE SHALL RUN FROM JOINT TO JOINT ALONG THE LENGTH OF THE PIPE.

DUCTILE IRON FORCE MAIN AND GRAVITY LINES WITH IDENTIFICATION TAPE
NTS



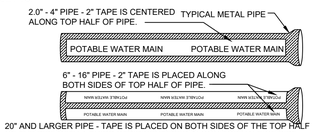
1) LETTERING SHALL APPEAR ON THREE SIDES OF THE PIPE AND RUN THE ENTIRE LENGTH OF THE PIPE.

2) LETTERING SHALL BE A MINIMUM 3/4" IN HEIGHT AND APPEAR ONE OR MORE TIMES EVERY 21 " ALONG THE LENGTH OF THE PIPE.

3) LETTERING MUST BE PERMANENTLY IMPREGNATED INTO THE PVC (IT CAN NOT BE STENCILED ONTO THE SURFACE OF THE PIPE.

4) LETTERING SHALL BE BLUE ON WHITE PVC OR WHITE ON BLUE PVC.

PVC POTABLE WATER MAIN
NTS



BLUE TAPE WITH BLACK PERMANENTLY IMPREGNATED LETTERING SHALL BE USED. THE TAPE SHALL RUN FROM JOINT TO JOINT ALONG THE PIPE.

DUCTILE IRON POTABLE WATER MAIN WITH IDENTIFICATION TAPE
NTS

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	App'r

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY DETAIL 2

VOLKERT
215 FAIRPOINT DRIVE
SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

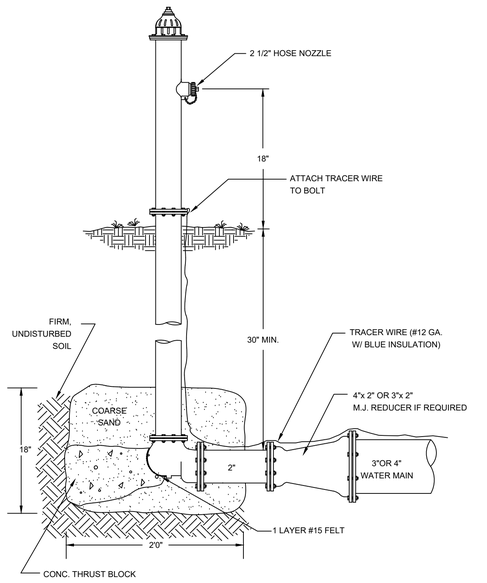
ARTHUR VANCE HOOKS II
LICENSE
No. 66355
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Designed by: AVH IV
Drawn by: D.P.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: FEBRUARY 2023
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev:

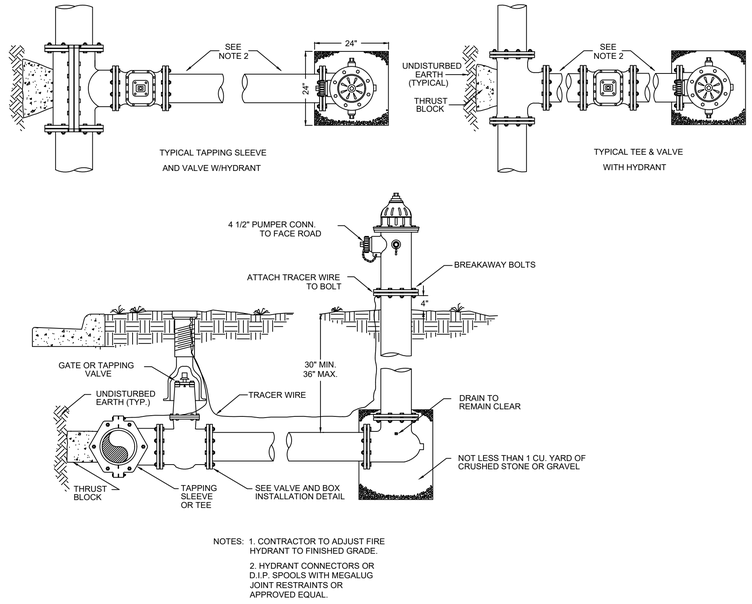
Sheet
Reference No.
U-12

File: Z:\Proyects\1090100 SANTA ROSA SPORTS PARK\02-Civil\1090100 U01 UTILITIES ; Plotted: 4/8/2025 12:21 PM by DEWEY PHILLIPS ; Saved: 4/8/2025 10:46 AM by DEWEY-PHILLIPS

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



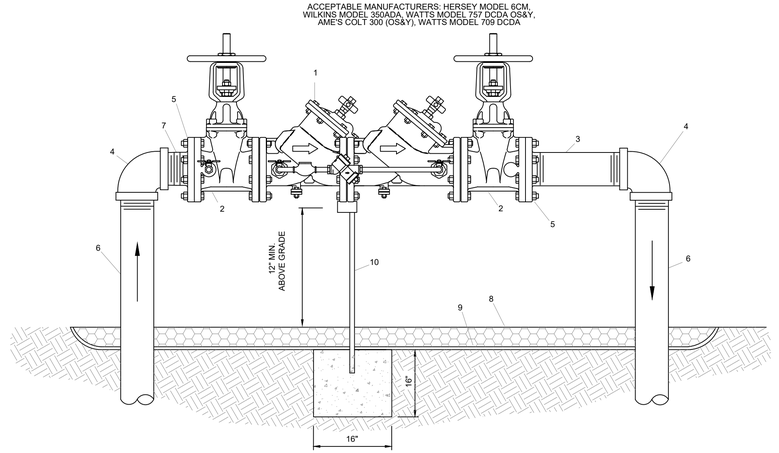
1 2" FLUSH HYDRANT NTS



NOTES: 1. CONTRACTOR TO ADJUST FIRE HYDRANT TO FINISHED GRADE.

2. HYDRANT CONNECTORS OR D.I.P. SPOOLS WITH MEGALUG JOINT RESTRAINTS OR APPROVED EQUAL.

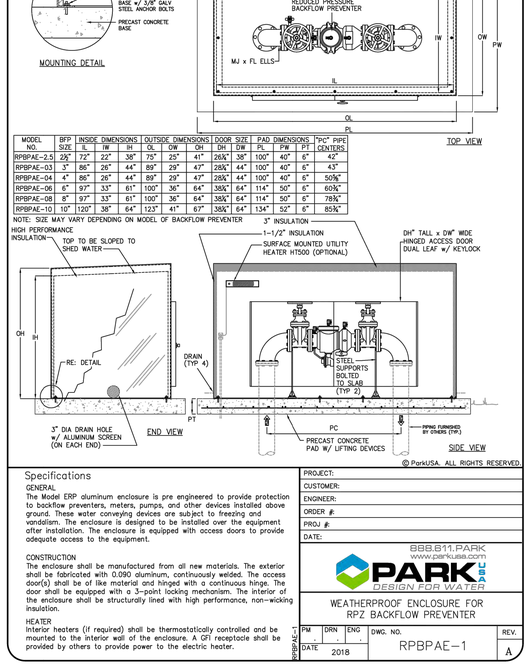
2 FIRE HYDRANT ASSEMBLY NTS



MATERIALS		
ITEM	QUANT.	DESCRIPTION
1	1	4", 6", 8", 10" VALVE, DOUBLE CHECK BACKFLOW PREVENTER
2	2	4", 6", 8", 10" VALVE, GATE, C.I., F-F
3	1	4", 6", 8", 10" NIPPLE, PVC., BRASS, OR D.I., (12" LONG) (OPT.)
4	2	4", 6", 8", 10" ELBOW, PVC., BRASS, OR D.I., - 90°
5	2	4", 6", 8", 10" FLANGE, STEEL PIPE, SCREW-TYPE
6	2	4", 6", 8", 10" PIPE, PVC., BRASS, OR D.I. (42" LONG)
7	1	4", 6", 8", 10" NIPPLE, PVC., BRASS, OR D.I. (6" LONG)
8	*	PEA GRAVEL
9	*	PLASTIC LINER
10	1	PIPE SUPPORT / CONCRETE FOUNDATION

NOTE: -FIELD ADJUST AND CUT ITEM 6 TO THE PROPER LENGTH.
-NO GALVANIZED FITTINGS OR PIPE ALLOWED.
-A COPY OF THE ASSEMBLY CERTIFICATION SHALL BE SUBMITTED TO THE MIDWAY WATER SYSTEMS.
-ASSEMBLY SHOULD HAVE ADEQUATE LANDSCAPING AROUND IT TO OBSCURE VIEW.
-ASSEMBLY SHALL BE PAINTED FOREST GREEN.

3 DOUBLE CHECK DETECTOR BACKFLOW PREVENTER NTS



MODEL NO.	BFP SIZE	INSIDE DIMENSIONS IL	IW	IH	OUTSIDE DIMENSIONS OL	OW	OH	DOOR SIZE DH	DW	PAD DIMENSIONS PL	PW	PT	"PC" PIPE CENTERS
RPBPAE–2.5	2½"	72"	22"	38"	75"	25"	41"	26¾"	38"	100"	40"	6"	42"
RPBPAE–03	3"	86"	26"	44"	89"	29"	47"	26¾"	44"	100"	40"	6"	43"
RPBPAE–04	4"	86"	26"	44"	89"	29"	47"	26¾"	44"	100"	40"	6"	50⅝"
RPBPAE–06	6"	97"	33"	61"	100"	36"	64"	38¾"	64"	114"	50"	6"	60⅝"
RPBPAE–08	8"	97"	33"	61"	100"	36"	64"	38¾"	64"	114"	50"	6"	78⅜"
RPBPAE–10	10"	120"	38"	64"	123"	41"	67"	38¾"	64"	134"	52"	6"	85⅜"

NOTE: SIZE MAY VARY DEPENDING ON MODEL OF BACKFLOW PREVENTER

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Specifications

GENERAL
The Model ERP aluminum enclosure is pre engineered to provide protection to backflow preventers, meters, pumps, and other devices installed above ground. These water conveying devices are subject to freezing and vandalism. The enclosure is designed to be installed over the equipment after installation. The enclosure is equipped with access doors to provide adequate access to the equipment.

CONSTRUCTION
The enclosure shall be manufactured from all new materials. The exterior shall be fabricated with 0.090 aluminum, continuously welded. The access door(s) shall be of like material and hinged with a continuous hinge. The door shall be equipped with a 3–point locking mechanism. The interior of the enclosure shall be structurally lined with high performance, non–wicking insulation.

HEATER
Interior heaters (if required) shall be thermostatically controlled and be mounted to the interior wall of the enclosure. A GFI receptacle shall be provided by others to provide power to the electric heater.

PROJECT:
CUSTOMER:
ENGINEER:
ORDER #:
PROJ #:
DATE:

BBB.B11.PARK
www.parkusa.com
PARK DESIGN FOR WATER

WEATHERPROOF ENCLOSURE FOR RPZ BACKFLOW PREVENTER

PM	DRN	ENG	DWG. NO.	REV.
.	.	.	RPBPAE–1	A
DATE 2018				

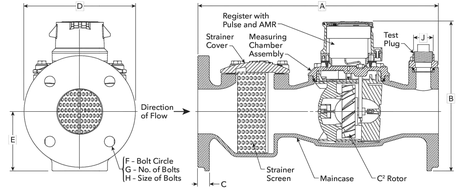
RPBP AE–1

1 METER PIT DETAIL NTS

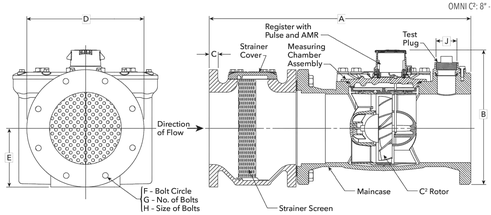
OMNI+ Compound (C²) Water Meter

1-1/2", 2", 3", 4", 6", 8" and 10"

OMNI C²: 3" - 6"



OMNI C²: 8" - 10"



DIMENSIONS AND NET WEIGHTS

Meter and Pipe Size	Normal Operating Range		Connections	A	B	C	D	E	F	G	H	J	Net Weight	Shipping Weight
1-1/2" DN 40mm	.5 gpm .11 m³/hr	200 gpm 45 m³/hr	Flanged	13" 330mm	7-7/8" 200mm	15/16" 24mm	5-7/16" 138mm	2-5/16" 59mm	4" 102mm	2	5/8" 16mm	1" 25mm	18.8 lbs. 8.53 kg.	22.5 lbs. 10.20 kg.
2" DN 50mm	.5 gpm .11 m³/hr	200 gpm 45 m³/hr	Flanged	15-1/4" 387mm	7-7/8" 200mm	1" 25mm	5-3/4" 146mm	2-5/16" 59mm	4-1/2" 114mm	2	3/4" 19mm	1" 25mm	25.4 lbs. 11.5 kg.	32.5 lbs. 14.74 kg.
3" DN 80mm	1 gpm .23 m³/hr	500 gpm 114 m³/hr	Flanged	17" 432mm	8-3/4" 225mm	3/4" 19mm	7-7/8" 200mm	4-1/8" 105mm	6" 152mm	4	5/8" 16mm	1" 25mm	45 lbs. 20.41 kg.	48.0 lbs. 21.8 kg.
4" DN 100mm	1.5 gpm .34 m³/hr	1000 gpm 227 m³/hr	Flanged	20" 508mm	11-3/16" 284mm	15/16" 24mm	9-1/8" 232mm	4-3/4" 121mm	7-1/2" 191mm	8	5/8" 16mm	1-1/2" 38mm	64.9 lbs. 29.44 kg.	72.8 lbs. 33.02 kg.
6" DN 150mm	3 gpm .68 m³/hr	2000 gpm 454 m³/hr	Flanged	24" 610mm	13-1/4" 337mm	15/16" 24mm	11" 279mm	5-3/4" 146mm	9-1/2" 241mm	8	3/4" 19mm	1-1/2" 38mm	130 lbs. 59.0 kg.	155 lbs. 70.3 kg.
8" DN 200mm	4 gpm .91 m³/hr	2700 gpm 614 m³/hr	Flanged	30-1/8" 765mm	15" 381mm	11/16" 17mm	13-1/2" 343mm	6-3/4" 172mm	11-3/4" 298mm	8	3/4" 19mm	2" 51mm	471 lbs. 214 kg.	521 lbs. 236 kg.
10" DN 250mm	5 gpm 1.1 m³/hr	4000 gpm 908 m³/hr	Flanged	41-1/8" 1045mm	19" 483mm	11/16" 17mm	16" 406mm	8-1/2" 216mm	14-1/4" 362mm	12	7/8" 22mm	2" 51mm	685 lbs. 311 kg.	745 lbs. 338 kg.

5 OMNI WATER METER (6" AND 4") NTS

GULF BREEZE REGIONAL WATER SYSTEM NOTES:

1. FOR AS-BUILT RECORDS, ALL SEWER LATERALS WILL BE LOCATED FROM THE NEAREST DOWNSTREAM MANHOLE. THE DISTANCE BETWEEN SEWER LATERAL AND THE WATER AND RECLAIMED SERVICES SHALL ALSO BE MARKED ON THE AS-BUILT RECORDS.
2. ALL UTILITIES ON PRIVATE PROPERTY, EXCLUDING THE RECLAIMED MAIN, ARE OWNED AND MAINTAINED BY THE PROPERTY OWNER.
3. ALL REUSE MAINLINE DETAILS AND SANITARY SEWER INFRASTRUCTURE WITHIN THE RIGHT-OF-WAY SHALL HAVE THE FOLLOWING NOTE: "ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF GULF BREEZE REGIONAL WATER SYSTEM SPECIFICATIONS."
4. ALL WORK WITHIN EXISTING OR PROPOSED PUBLIC RIGHTS-OF-WAY OR EASEMENTS DEDICATED TO THE UTILITY SHALL BE PERFORMED BY A CERTIFIED UNDERGROUND UTILITY CONTRACTOR.
5. MANHOLES RECEIVING DISCHARGE FROM A FORCEMAIN SHALL BE LINED WITH RAVEN COATING.
6. ALL TAPS MUST HAVE A GULF BREEZE REGIONAL WATER SYSTEMS STAFF MEMBER PRESENT AND THAT STAFFER MUST BE GIVEN 72 HRS OF ADVANCED NOTICE BEFORE THE TAP.
7. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A UTILITY PERMIT FROM THE COUNTY PUBLIC WORKS DEPARTMENT BEFORE COMMENCING ANY WORK WITHIN THE COUNTY'S RIGHT-OF-WAY.
8. A MINIMUM SEPARATION OF 12" IS REQUIRED BETWEEN GBRWS AND OTHER UTILITIES UNLESS GOVERNING REGULATIONS REQUIRE LARGER SEPARATIONS.
9. ALL TAPPING VALVES SHALL BE SUPPORTED WITH A CONCRETE PAD AND BOXES SHALL BE CONSTRUCTED WITH A CONCRETE COLLAR. AN IRON BODY GATE VALVE SHALL BE PLACED AT THE PROPERTY LINE FOR UTILITY USE.
10. ALL TAPPING SLEEVES AND VALVES WILL BE TESTED AT 100 PSI FOR A PERIOD OF 1 HOUR WITH UTILITY PRESENT.
11. ALL FORCE MAINS SHALL BE TESTED AT 100 PSI FOR 1 HOUR. THE UTILITY WILL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE AND WILL WITNESS THE TEST. NO LEAKAGE WILL BE ACCEPTED ON FORCE MAIN TESTS. FORCE MAINS SHALL BE CONSTRUCTED WITH 12 GAUGE WIRE AND WARNING TAPE. THE PIPE SHALL BE RATED SDR 26.
12. ALL FORCE MAIN PIPES SHALL BE LAID WITH CASING WHERE THEY CROSS UNDER ANY PAVED AREAS. THE CASING SHALL BE DOT RATED AND CONSTRUCTED PLASTIC SPACERS AND END CAPS.
13. FORCEMAINS CONSTRUCTED WITH P.E. PIPE SHALL MEET A MINIMUM RATING OF SDR 11.
14. SYSTEM VALVES SHALL BE RESILIENT SEAT TYPES.
15. MANHOLES RECEIVING DISCHARGE FROM A FORCEMAIN MUST BE 90° DOWN AND 45° WITH THE DIRECTION OF FLOW AND BE SUPPORTED TO THE WALL WITH STAINLESS STEEL BOLTS AND CLAMPS.
16. ALL GATE VALVES SHALL BE TESTED AND OPERATED.
17. CURB CUTS ARE REQUIRED FOR ALL RE-USE SERVICES. CUT SHALL BE IN THE SHAPE OF AN X, 3" LONG AND 1/ 8" DEEP INTO THE RIBBON PORTION OF THE CURB IDENTIFYING THE LOCATION OF THE CURB STOP.
18. ALL RECLAIMED WATER SYSTEMS SHALL BE HYDROSTATICALLY TESTED FOR ONE (1) HOUR AT 100 PSI.
19. ALL SERVICES SHALL BE FLOW TESTED.
20. ALL GATE VALVES SHALL BE TESTED AND OPERATED.
21. DOT PERMITS SHALL BE ISSUED IN THE NAME OF THE UTILITY. PERMITS SHALL BE APPLIED FOR WITH APPROVED PLANS. PLANS SHALL BE STAMPED, DATED, AND SIGNED BY THE UTILITY BEFORE BEING SUBMITTED BY THE ENGINEER. PERMITS SHALL BE SIGNED BY THE UTILITY AND RETURNED TO THE ENGINEER FOR EXECUTION TO THE STATE, A COPY OF THE APPROVED PERMIT SHALL BE PROVIDED TO THE ENGINEER WHEN ISSUED. PROOF OF CERTIFICATION OF ALL PERMITS SHALL BE REQUIRED AS PART OF THE RECORD DRAWINGS. ALL ASPECTS OF THE PERMIT SHALL BE ADHERED TO BY ALL CONTRACTORS. PROPER NOTICE SHALL BE GIVEN TO ALL PARTIES BEFORE COMMENCEMENT OF WORK WITHIN THE STATE RIGHT-OF-WAY. A PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED BY THE ENGINEER AND ATTENDED BY THE CERTIFIED UNDERGROUND UTILITY CONTRACTOR, ENGINEER, AND THE UTILITY REPRESENTATIVES.
22. FDEP PERMIT APPLICATIONS SHALL INDICATE THE PARTY RESPONSIBLE FOR OPERATIONS AND MAINTENANCE AFTER THE FACILITY IS COMPLETE. ALL UTILITIES TO BE OWNED BY GBRWS WILL BE INSTALLED STRICTLY ACCORDING TO THE PLANS.

SANTA ROSA COUNTY FLORIDA IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY DETAIL 3

VOLKERT Engineers · Technology · Resources

215 FAIRPOINT DRIVE SUITE B GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ARTHUR VANCE HOOKS LICENSE No. 68355 STATE OF FLORIDA PROFESSIONAL ENGINEER

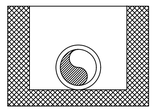
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AVH IV	M.W.	SUBMITTERS NAME MOFFATT & NICHOL	
Dsn by:	**Drawing code:**	**Drawing Scale:**	
D.P.		Plot scale: 1:1 (D SHEET)	
Reviewed by:	**Date:**	**MAN Project No.**	
	FEBRUARY 2023	202000	

Sheet Reference No.

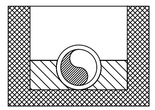
U-13

File: Z:\Projects\10390100 SANTA ROSA SPORTS PARK\02-Civil\10901001 U01 UTILITIES ; Plotted: 4/8/2025 12:21 PM by DEWEY.PHILLIPS ; Saved: 4/8/2025 10:46 AM by DEWEY.PHILLIPS

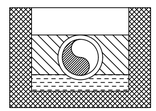
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



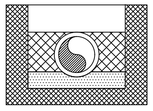
TYPE 1
FLAT-BOTTOM* TRENCH, LOOSE EMBEDMENT
E = 50 psi (340 kPa). K = 0.110



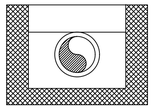
TYPE 2
FLAT-BOTTOM* TRENCH, EMBEDMENT LIGHTLY CONSOLIDATED TO CENTERLINE OF PIPE.
E = 200 psi (1,380 kPa). K = 0.110



TYPE 3
PIPE BEDDED ON 4" (100 mm) MINIMUM OF LOOSE SOIL. EMBEDMENT LIGHTLY CONSOLIDATED TO TOP OF PIPE.
E = 400 psi (2,760 kPa). K = 0.102



TYPE 4
PIPE BEDDED ON SAND, GRAVEL OR CRUSHED STONE TO DEPTH OF 1/8 PIPE DIAMETER, 4" (100 mm) MINIMUM. EMBEDMENT COMPACTED TO TOP OF PIPE (APPROXIMATELY 90% STANDARD PROCTOR, AASHTO T-99 OR ASTM D 698)
E = 1,000 psi (6,900 kPa). K = 0.096



TYPE 5
PIPE ENBEDDED IN COMPACTED GRANULAR MATERIAL TO CENTERLINE OF PIPE. COMPACTED GRANULAR OR SELECT MATERIAL TO TOP OF PIPE. (APPROXIMATELY 95% STANDARD PROCTOR. AASHTO T-99 OR ASTM D 698)
E = 2,000 psi (13,800 kPa). K = 0.083

NOTE: REQUIRED EMBEDMENT TYPE WILL DEPEND ON THE PIPE'S DIMENSION RATIO, INTERNAL OPERATIING PRESSURE, AND EXTERNAL LOAD, AND SHALL BE SPECIFIED BY THE PURCHASER.(SEE SEC. 5.3)

* "FLAT-BOTTOM" IS DEFINED AS UNDISTURBED EARTH.
** "LOOSE SOIL" OR "SELECT MATERIAL" IS DEFINED AS NATIVE SOIL EXCAVATED FROM THE TRENCH, FREE OF ROCKS, FOREIGN MATERIAL, AND FROZEN EARTH. A SOFT "LOOSE SOIL" BEDDING WILL CONTOUR TO THE PIPE BOTTOM. CAUTION MUST BE EXERCISED TO ENSURE PROPER PLACEMENT OF EMBEDMENT MATERIAL UNDER THE HAUNCHES OF THE PIPE.

PROPOSED UTILITY	HORIZONTAL & VERTICAL SEPARATION REQUIREMENTS								ACCEPTABLE VARIANCES
	POTABLE WATER		RECLAIMED WATER*		SANITARY SEWER (GRAVITY & F.M.)		STORM SEWER		
	HORIZ.	VERT.	HORIZ.	VERT.	HORIZ.	VERT.	HORIZ.	VERT.	
POTABLE WATER	-	-	3'	12"	10'	12"	10'	12"	SEE GENERAL NOTES: NO. 5, 6, 7 AND NO. 9
RECLAIMED* WATER	3'	12"	-	-	3'	12"	-	-	
SANITARY SEWER	10'	12"	3'	12"	-	-	-	-	

1 SANITARY BEDDING AND TRENCHING NTS

1. THE TABLE REPRESENTS THE MINIMUM SEPARATION REQUIREMENTS AS DESCRIBED IN F.D.E.P. RULES OF THE FLORIDA ADMINISTRATION CODE (F.A.C.). THESE SEPARATION REQUIREMENTS SHALL APPLY BETWEEN NEWLY PROPOSED UTILITY LINES AND EXISTING OR PROPOSED UTILITY LINES.

2. FOR THE PURPOSE OF THIS TABLE, RECLAIMED WATER SHALL MEAN UNRESTRICTED PUBLIC ACCESS REUSE WATER AS DEFINED BY F.A.C. 17-610. OTHER TYPES OF RECLAIMED WATER ARE CONSIDERED RAW SEWAGE AND SEPARATIONS LISTED FOR SANITARY SEWER SHALL APPLY.

3. ALL SEPARATION DISTANCES ARE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE UNLESS OTHERWISE SPECIFIED. CRITERION PRODUCING GREATER CLEARANCE SHALL BE USED.

4. NO WATER PIPE SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF A SANITARY OR STORM WATER MANHOLE OR STRUCTURE.

5. A MINIMUM HORIZONTAL SEPARATION DISTANCE OF 10 FEET BETWEEN WATER MAINS AND GRAVITY SEWERS OR FORCE MAINS IS PREFERRED.

6. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY SEWER MAY BE REDUCED TO 3 FEET IF THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST 6 INCHES ABOVE THE TOP OF THE SEWER.

7. FOR WATER MAINS CROSSING GRAVITY SEWER OR STORM SEWERS, THE VERTICAL SEPARATION MAY BE REDUCED TO 6 INCHES IF THE WATER MAIN IS AT LEAST 6 INCHES ABOVE THE GRAVITY OR STORM SEWER.

8. AT CROSSINGS OF WATER MAINS AND OTHER GRAVITY OR PRESSURE MAINS, THE ONE FULL LENGTH OF WATER MAIN SHALL BE INSTALLED ON THE CROSSING.

9. ALTERNATIVELY, AT SUCH CROSSING, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST 3 FEET FROM ALL JOINTS IN STORM SEWERS, OR PIPELINES CONVEYING RECLAIMED WATER AND AT LEAST 6 FEET FROM ALL JOINTS IN GRAVITY OF PRESSURE - TYPE SANITARY OR WASTEWATER FORCE MAINS.

10. WHERE ALLOWED BY THE F.D.E.P. PERMIT, ACCEPTABLE ALTERNATIVE CONSTRUCTION FEATURES MAY INCLUDE THE FOLLOWING;

(A) WHERE AN UNDERGROUND WATER MAIN IS BEING LAID LESS THAN THE REQUIRED MINIMUM HORIZONTAL DISTANCE FROM ANOTHER PIPELINE AND WHERE AN UNDERGROUND WATER MAIN IS CROSSING ANOTHER PIPELINE AND JOINTS IN THE WATER MAIN ARE BEING LOCATED LESS THAN THE REQUIRED MINIMUM DISTANCE FROM JOINTS IN THE OTHER PIPELINE;

1. USE OF PRESSURE PIPE CONFORMING TO AMERICAN WATER WORKS ASSOCIATION STANDARDS FOR THE OTHER PIPELINE IF IT IS A GRAVITY OR VACUUM TYPE PIPELINE;

2. USE OF WELDED, FUSED, OR OTHERWISE RESTRAINED JOINTS FOR EITHER THE WATER MAIN OR THE OTHER PIPELINE; OR

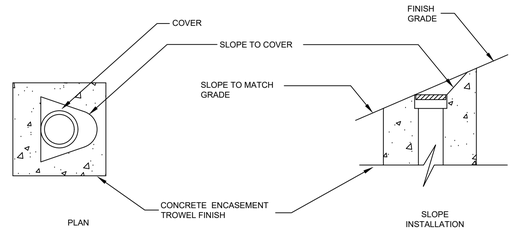
3. USE OF WATERTIGHT CASING PIPE OR CONCRETE ENCASEMENT AT LEAST 4 INCHES THICK FOR EITHER THE WATER MAIN OR THE OTHER PIPELINE.

(B) WHERE AN UNDERGROUND WATER MAIN IS BEING LAID LESS THAN 3 FEET HORIZONTALLY FROM ANOTHER PIPELINE AND WHERE AN UNDERGROUND WATER MAIN IS CROSSING ANOTHER PIPELINE AND IS BEING LAID LESS THAN THE REQUIRED MINIMUM VERTICAL DISTANCE FROM THE OTHER PIPELINE;

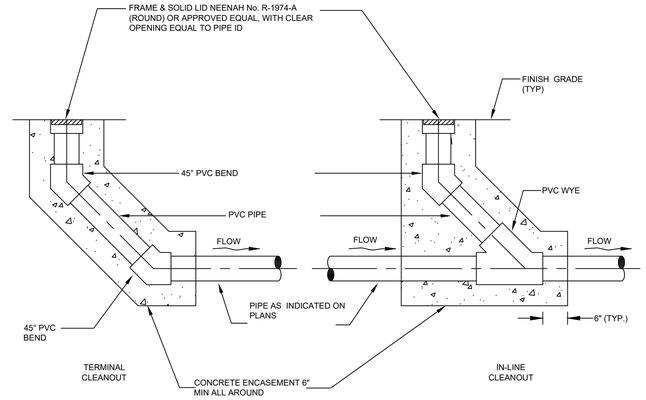
1. USE OF PIPE, OR CASING PIPE, HAVING HIGH IMPACT STRENGTH (i.e. HAVING AN IMPACT STRENGTH AT LEAST EQUAL TO THAT OF 0.25 INCH THICK DUCTILE IRON PIPE) OR CONCRETE ENCASEMENT AT LEAST 4 INCHES THICK FOR WATER MAIN OR THE OTHER PIPELINE IF IT IS NEW AND IS CONVEYING WASTEWATER OR RECLAIMED WATER.

NOTES:

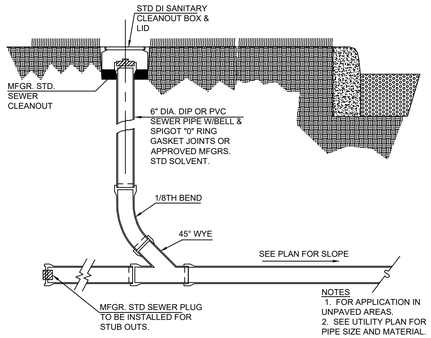
1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 98% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 98% OF THE MAXIMUM DENSITY AS PER AASHTO T-180. FLOWABLE FILL, 75-100 P.S.I., SHALL BE USED WHERE EXISTING PAVED AREAS ARE AFFECTED.
3. USE OF TYPE A BEDDING TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CITY.
4. (*): 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. FOR PIPE DIAMETER 24" AND LARGER. THE MINIMUM DISTANCE SHALL EQUAL THE OUTSIDE DIAMETER OF THE PIPE.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. REFER TO SECTION 32.5 OF THE MANUAL FOR SHEETING AND BRACING IN EXCAVATIONS. SHALL COMPLY WITH STATE OF FLORIDA TRENCH SAFETY ACT.
8. GRAVITY SEWERS SHALL UTILIZE TYPE A BEDDING IF REQUIRED BY THE CITY. BEDDING DEPTH SHALL BE 4" MINIMUM FOR PIPE DIAMETER LESS THAN 15" AND 6" MINIMUM FOR PIPE DIAMETER 16" AND LARGER.
9. DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. THE CITY SHALL DETERMINE IN THE FIELD IF REMOVAL OF UNSUITABLE MATERIAL IS REQUIRED TO REACH A SUITABLE FOUNDATION.



IN PAVED AREAS

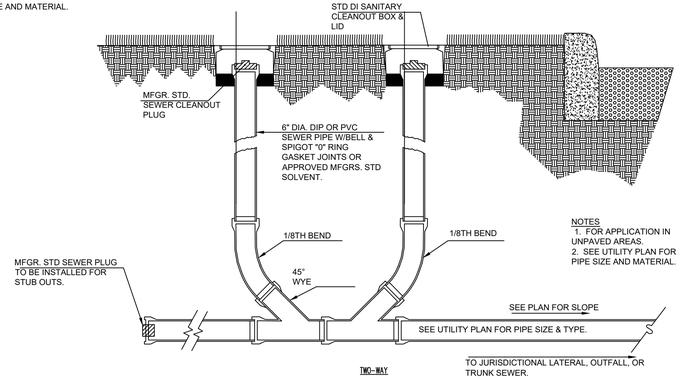


STD DI SANITARY



NOTES
1. FOR APPLICATION IN UNPAVED AREAS.
2. SEE UTILITY PLAN FOR PIPE SIZE AND MATERIAL.

IN NON PAVED AREAS



NOTES
1. FOR APPLICATION IN UNPAVED AREAS.
2. SEE UTILITY PLAN FOR PIPE SIZE AND MATERIAL.

2 SANITARY CLEANOUT NTS

SANTA ROSA COUNTY, FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY DETAIL 4

VOLKERT
215 FAIRPOINT DRIVE
SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by: AVH IV
Drawn by: D.P.
Cad by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MCFFATT & NICHOL

Date: FEBRUARY 2023
Rev:
M&N Project No. 202000
Drawing code:
Drawing Scale: Plot scale: 1:1 (D SHEET)

ARTHUR VANCE HOOKS III LICENSE No. 66355 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet Reference No.
U-14

File: Z:\Projects\1090100 SANTA ROSA SPORTS PARK\02-Civil\1090100 U01 UTILITIES ; Plotted: 4/8/2025 12:21 PM by DEWEY.PHILLIPS ; Saved: 4/8/2025 10:46 AM by DEWEY.PHILLIPS

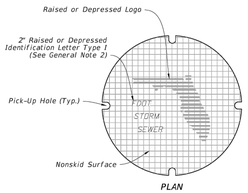
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

GENERAL NOTES:

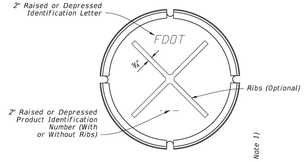
1. Use a 1-piece cover, unless the 2-piece cover is called for in the Plans, except at inlets and manholes with sump bottoms. Use the 2-piece cover when the sump depth exceeds 2', unless otherwise noted.
2. Include "Adjustable" on the cover for Type I manhole adjustable frames.
3. For square or rectangular precast drainage structures, use either deformed or smooth WWR meeting the requirements of Specification 931. WWR must be continuous around the box and lapped in accordance with Option 1 or 3 as shown in the Wall Reinforcing Splice Details.
4. Lap splice horizontal steel in the walls of rectangular structures in accordance with Option 1, 2 or 3 as shown in the Wall Reinforcing Splice Details.
5. Welding of splices and laps is permitted. Use AASHTO M259 requirements and restrictions on welds.
6. Rebar straight end embedment of peripheral reinforcement may be used in lieu of ACI standard hooks for top and bottom slabs, except when hooks are specifically called for in the Plans.
7. Precast opening for pipe must be the pipe OD plus 6" (± 2" tolerance). Use mortar to seal the pipe into the opening of such a mix that shrinkage will not cause leakage into or out of the structure. Dry-pack mortar may be used to seal openings less than 2½" wide.

TABLE OF CONTENTS:

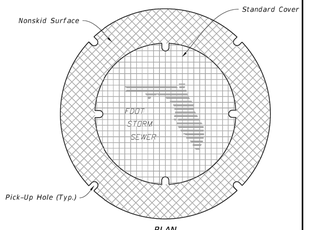
Sheet	Description
1	General Notes, Contents, Manhole Top Overview, and Manhole Covers
2	Manhole Frames and Manhole Tops
3	Inlet Locking Grates, Subgrade and Base Temporary Drains, and Pipe to Structure Filter Fabric Wrap
4	Drainage Structure Invert, Sump Bottom, Wall Reinforcing Splice Details, and Typical Slab to Wall Details
5	Precast Option and Equivalent Reinforcement substitution
6	Construction Joints and Minimum Box Riser Segment Dimensions
7	Skewed Pipe in Rectangular Structures
8	Miscellaneous Pipe Connection Details



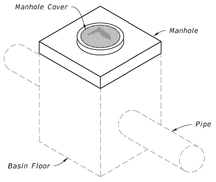
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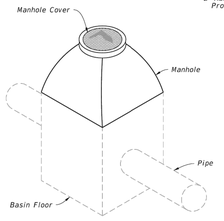
BOTTOM



PLAN

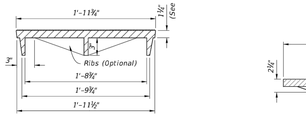


TYPE 7

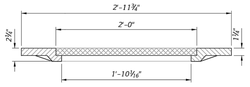


TYPE 8

MANHOLE TOPS



ELEVATION
1-PIECE COVER



ELEVATION
2-PIECE COVER

MANHOLE COVERS

8.4.23 AM
10/12/2020

LAST REVISION	DESCRIPTION:
11/01/20	

FDOT FY 2021-22 STANDARD PLANS

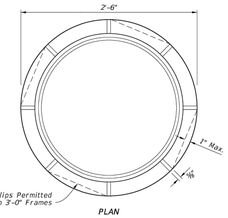
SUPPLEMENTARY DETAILS FOR DRAINAGE STRUCTURES

INDEX 425-001 | SHEET 1 of 8

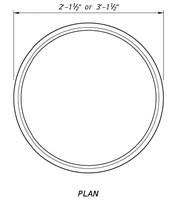
TABLE 1
WEIGHT OF CASTINGS (lb)

Frame Type	2'-0" OPENING		3'-0" OPENING			
	Frame	Cover (Std.)	Frame	2-Piece Cover		
				Inside	Outside	Total
I	155	190	220	190	220	410
II	145	190	255	190	220	410
III	90	190	180	190	220	410

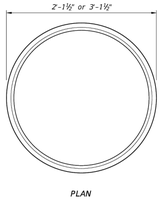
NOTE:
Frame Type I in Table 1, includes Adjustable frames.



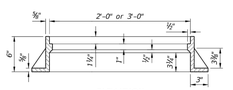
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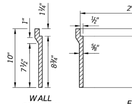
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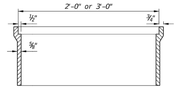
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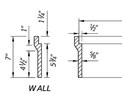
ELEVATION
TYPE I
(For Manholes)



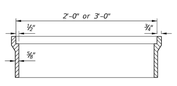
WALL SECTION



ELEVATION
TYPE II
(For Curb Inlets Types 1, 2, 3, & 4)

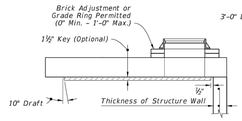


WALL SECTION

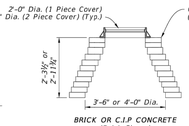


ELEVATION
TYPE III
(For Curb Inlets Types 7 & 8)

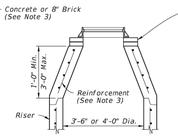
MANHOLE FRAMES



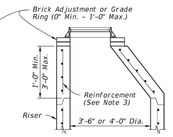
TYPE 7



BRICK OR C.I.P. CONCRETE
(Brick Shown)



PRECAST CONCENTRIC CONE

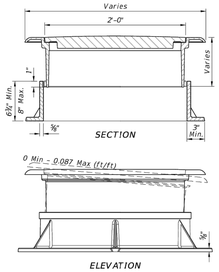


PRECAST ECCENTRIC CONE

TYPE 8

NOTES:

1. Use Class II concrete for Manhole top Type 7 slabs.
2. Manhole top Type 7 slabs may be of cast-in-place or precast construction. The optional key is for precast tops and in lieu of dowels. Omit frame and slab openings when top is used over a junction box.
3. Manhole top Type 8 may be of cast-in-place, precast concrete construction, or brick construction. For concrete construction, use the same concrete and steel reinforcement as the supporting wall unit. An eccentric cone may be used.
4. Use construction joint options, as shown on Sheet 6 to secure manhole tops to structures.
5. Frames may be adjusted to a maximum 12" height with brick or precast ASTM C478 grade rings.
6. Manhole top Type 8 may be substituted for a Type 7, if the minimum dimensions are not reduced.
7. Manhole top Type 7 may be substituted for Type 8, if the minimum thickness (h) above pipe opening cannot be maintained with Type 8.



SECTION

ELEVATION

TYPE I ADJUSTABLE FRAME

MANHOLE TOPS

MANHOLE FRAMES AND MANHOLE TOPS

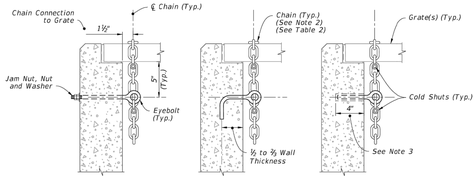
8.4.23 AM
10/12/2020

LAST REVISION	DESCRIPTION:
11/01/20	

FDOT FY 2021-22 STANDARD PLANS

SUPPLEMENTARY DETAILS FOR DRAINAGE STRUCTURES

INDEX 425-001 | SHEET 2 of 8



THRU-BOLT | J-TYPE | ADHESIVE BONDED ANCHOR

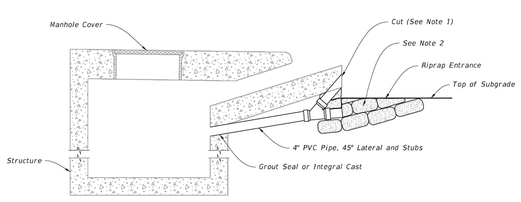
NOTES:

1. Install either a ½" Ø x 1" Diameter Threaded Straight (Thru-Bolt), a J-Type, or an adhesive Bonded Anchor Eyebolt.
2. Install a ⅜₁₆" chain and ⅜₁₆" Cold Shuts. When chaining two grates together provide adequate loop for easy handling.
3. Install adhesive bonded anchor option with a minimum of 4" embedment, and in accordance with Specification 416.

TABLE 2
EYEBOLT AND CHAIN REQUIREMENTS

Index Number	Inlet Type	Eye-Bolts	Length of Chain	Handling & Remarks
425-030	1	1	4'-0"	Slide & Spin
	2	2 @ 4'-0"	Slide & Spin
425-031	N/A	1	3'-8"	Slide or Slide & Spin
425-032	N/A	1	4'-0"	Slide & Spin
425-040	S	1	4'-0"	Slide & Spin
425-041	V	1	4'-0"	Slide & Spin
425-050	A	1	3'-0"	Slide
425-051	B	1	5'-0"	Slide & Spin
	C	1	2'-6"	Slide & Spin
	D	1	2'-6"	Slide & Spin
425-052	E	2	2 @ 2'-6"	Slide & Spin
	H	2	2 @ 2'-6"	Flip Ctr. Grate and Slide & Spin Single Free Grate
		1 or 2 @ 1'-6"		Center Grate(s) Chained to One End Grate
	F	1	3'-6"	Flip or Slide & Spin
425-053	G	1	6'-0"	Slide
			2'-0"	Lifting Loop
425-054	J	1	4'-0"	Slide & Spin

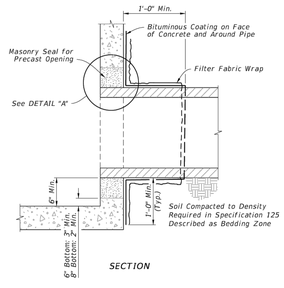
LOCKING GRATES TO INLETS



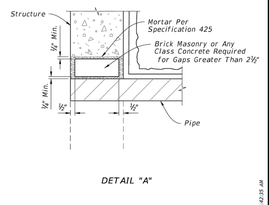
NOTES:

1. Bevel cut upper stub to match forming for apron face. Capping or plugging of upper stub is not required. Remove friable base material at stub opening to permit covering of opening with structural course material.
2. Remove riprap, cement PVC cap on lower stub, and place compacted fill in entrance prior to placing base material.

SUBGRADE AND BASE TEMPORARY DRAINS



SECTION



DETAIL "A"

PIPE TO STRUCTURE FILTER FABRIC WRAP

LOCKING GRATES, SUBGRADE AND BASE TEMPORARY DRAINS, AND PIPE TO STRUCTURE FILTER FABRIC WRAP

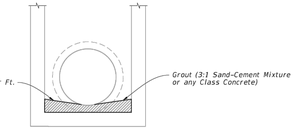
8.4.23 AM
10/12/2020

LAST REVISION	DESCRIPTION:
11/01/20	

FDOT FY 2021-22 STANDARD PLANS

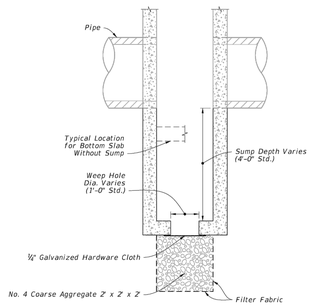
SUPPLEMENTARY DETAILS FOR DRAINAGE STRUCTURES

INDEX 425-001 | SHEET 3 of 8



NOTE: For all structures unless excluded by special detail.

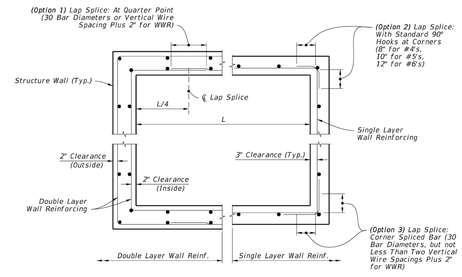
DRAINAGE STRUCTURE INVERT



NOTES:

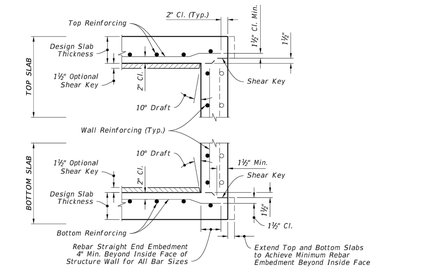
1. Construct sumps in inlets and manholes connecting to French Drains unless excluded in the Plans.
2. Construct sumps only where called for in the Plans at all other locations.
3. Construct weep holes in sump bottom only where called for in the Plans.

SUMP BOTTOM



HALF PLAN | HALF PLAN

WALL REINFORCING SPLICE DETAILS



NOTES:

1. See Sheet 6 for optional construction joints.
2. Bend bars as required to maintain cover.

TYPICAL SLAB TO WALL DETAILS
(PRECAST STRUCTURE SHOWN)

DRAINAGE STRUCTURE INVERT, SUMP BOTTOM, WALL REINFORCING SPLICE DETAILS, AND TYPICAL SLAB TO WALL DETAILS

8.4.23 AM
10/12/2020

LAST REVISION	DESCRIPTION:
11/01/20	

FDOT FY 2021-22 STANDARD PLANS

SUPPLEMENTARY DETAILS FOR DRAINAGE STRUCTURES

INDEX 425-001 | SHEET 4 of 8

SANTA ROSA COUNTY, FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY DETAIL 5

Designed by: AVH IV	Date: FEBRUARY 2023
Drawn by: D.P.	Chkd by: M.W.
Reviewed by:	Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (1 SHEET)

VOLKERT Engineers · Surveyors · Planners
215 FAIRPOINT DRIVE SUITE B GULF BREEZE, FL 32561

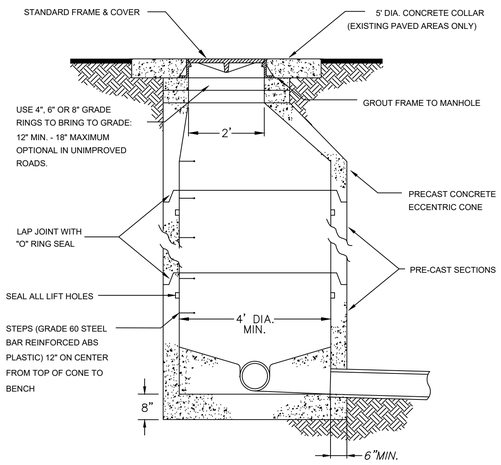
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

ARTHUR VANCE HOOKS, LICENSE No. 66355, STATE OF FLORIDA, PROFESSIONAL ENGINEER

Sheet Reference No.
U-15

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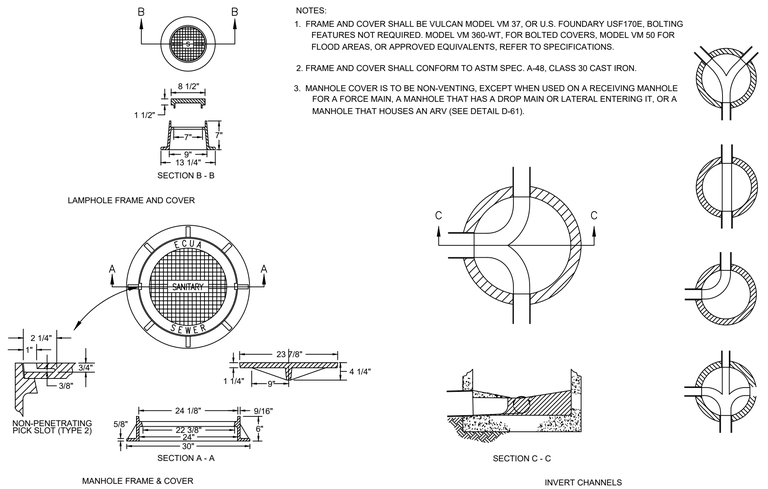
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



NOTE:

SEE SECTION 2570 FOR COMPLETE SPECIFICATIONS

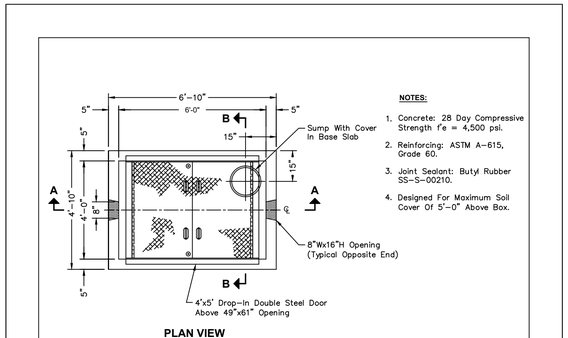
1 STANDARD MANHOLE DETAIL NTS



NOTES:

1. FRAME AND COVER SHALL BE VULCAN MODEL VM 37, OR U.S. FOUNDARY USF170E, BOLTING FEATURES NOT REQUIRED. MODEL VM 360-WT, FOR BOLTED COVERS, MODEL VM 50 FOR FLOOD AREAS, OR APPROVED EQUIVALENTS, REFER TO SPECIFICATIONS.
2. FRAME AND COVER SHALL CONFORM TO ASTM SPEC. A-48, CLASS 30 CAST IRON.
3. MANHOLE COVER IS TO BE NON-VENTING, EXCEPT WHEN USED ON A RECEIVING MANHOLE FOR A FORCE MAIN, A MANHOLE THAT HAS A DROP MAIN OR LATERAL ENTERING IT, OR A MANHOLE THAT HOUSES AN ARV (SEE DETAIL D-61).

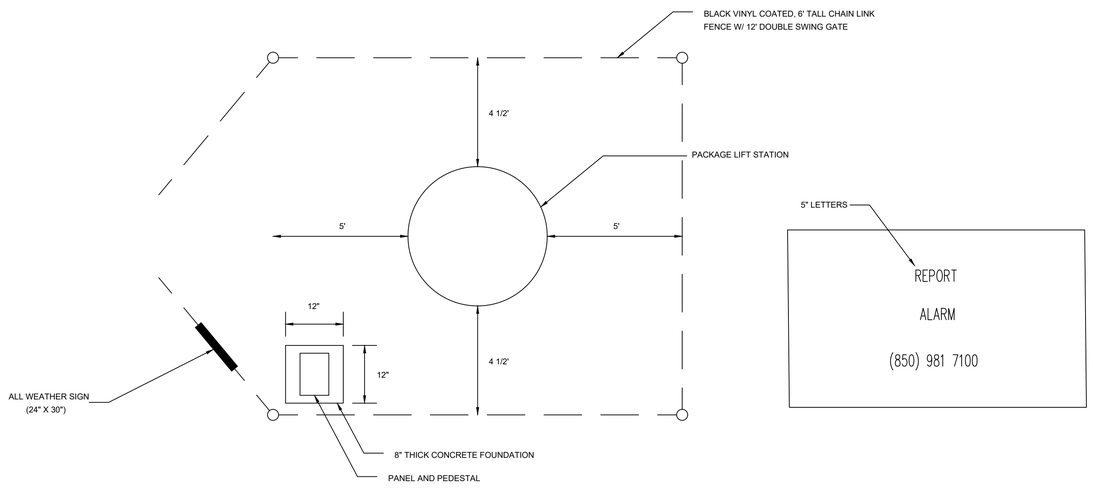
2 TYPICAL MANHOLE DETAIL NTS



NOTES:

1. Concrete: 28 Day Compressive Strength f'c = 4,500 psi.
2. Reinforcing: ASTM A-615, Grade 60.
3. Joint Sealant: Butyl Rubber SS-S-00210.
4. Designed For Maximum Soil Cover Of 5'-0" Above Box.

3 CONCRETE VAULT DETAIL NTS



4 LIFT STATION FENCE DETAIL NTS

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY DETAIL 6

VOLKERT Engineers Surveyors Planners
215 FAIRPOINT DRIVE
SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by: AVH IV
Drawn by: D.P.
Cad by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: FEBRUARY 2023
MAN Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev.

ARTHUR VANCE HOOKS IV
LICENSE
No. 66355
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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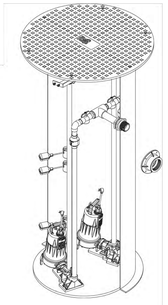
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

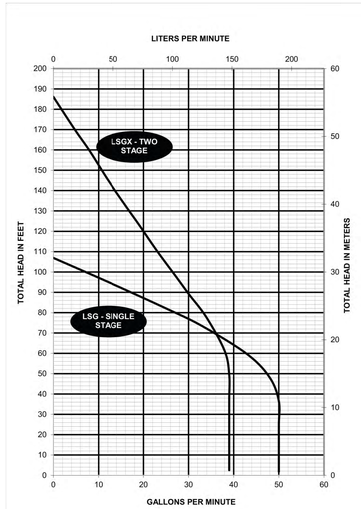
Liberty Pumps
A Family and Employee Owned Company

Pump **Specification**

D36120LSG, D36120LSGX

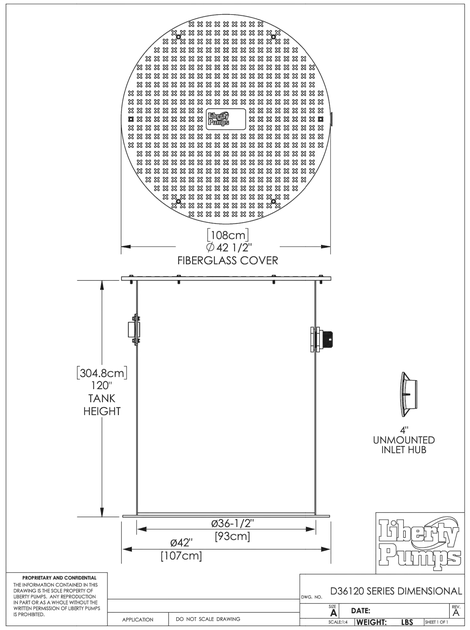
Omnivore® 2HP Duplex Grinder Packages





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7000 Apple Tree Avenue Bergen NY 14416 ■ Phone 800-543-2550 ■ Fax 585-494-1839 ■ Email Liberty@LibertyPumps.com ■ Web www.LibertyPumps.com

D36120LSG/LSGX-Series Dimensional Data



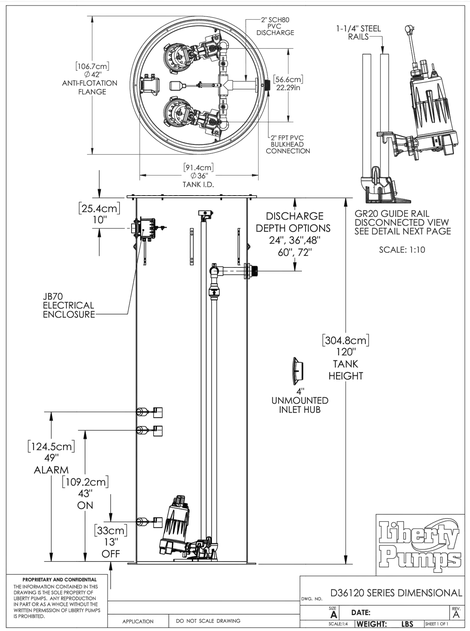
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Santa Rosa County Liftstation Calcs		
Desciption	**Key**	**Elevation (ft)**
Finished Grade Ele.		33.00
Top of Wet Well		33.25
Outlfow Ele .		27.00
Inflow Inv. (N)		27.50
Inflow Inv. (S)		27.35
Alarm/Lag Pump On		27.33
Lead Pump On		26.83
Both Pumps Off		24.33
Bottom of Wet Well		23.25
Wet Well Depth (ft)	10.00	
Wet Well Diameter (ft	3.00	
Number of Pumps	2	
Pump Type	D36120 lsg202	
Voltage	208/230	
HP	2	
Stage	1	
Panel	AE 24 H = 3	
Auxiliary Alarm	ALM-3W	

LIFTSTATION | PANEL INSTALLATION NOTES:

1. NEMA 4X PANEL TO BE INSTALLED WITHIN GATED FENCE AREA AT GRINDER STATION. PANEL TO BE INSTALLED ON ALL WEATHER METAL PEDESTAL SYSTEM OR EQUAL. PEDESTAL TO BE MOUNTED WITH NON-STRUCTURAL CONCRETE FOUNDATION.
2. AUXILIARY ALARM TO BE INSTALLED AT BUILDING (SEE SHEET U-05).
3. 1 - 2" CONDUIT TO BE USED FOR POWER AND 1 - 1" CONDUIT TO BE USED FOR CONTROL WIRE FOR CONDUIT ALARM.
4. ALL WEATHER SIGN TO BE INSTALLED AT FENCING AND ADJACENT TO AUXILIARY ALARM. SIGNAGE TO STATE, " REPORT ALARM (850) 981 7100".
5. CONTRACTOR TO FIELD LOCATE CONDUIT AND PULLBOXES FOR ELECTRICAL CONNECTIONS TO CONTROL PANEL AND AUXILIARY ALARM.

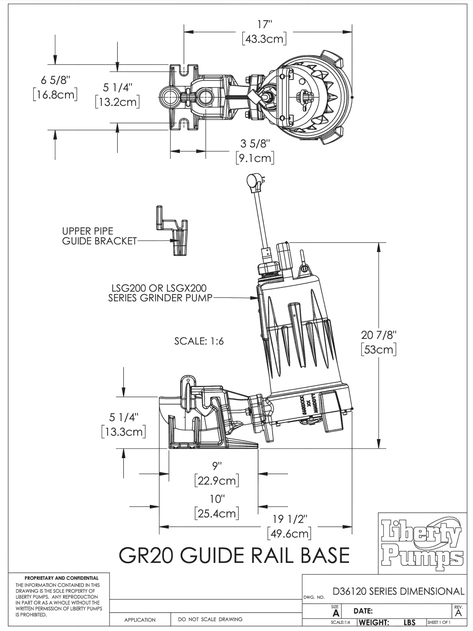
D36120LSG/LSGX-Series Dimensional Data



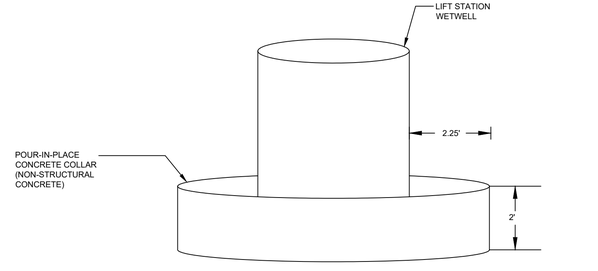
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1 PACKAGE LIFT STATION DETAIL NTS

D36120LSG/LSGX-Series Dimensional Data



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2 CONCRETE COLLAR DETAIL NTS

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY DETAIL 7

VOLKERT
215 FAIRPOINT DRIVE
SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

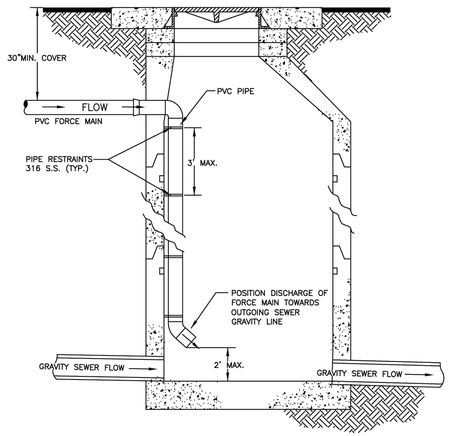
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Drawn by: D.P.
Cad by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: FEBRUARY 2023
MAN Project No. 202000
Drawing code:
Drawing Scale: Plot scale: 1:1 (D SHEET)
Rev:

ARTHUR VANCE HOOKS III
LICENSE
No. 66355
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

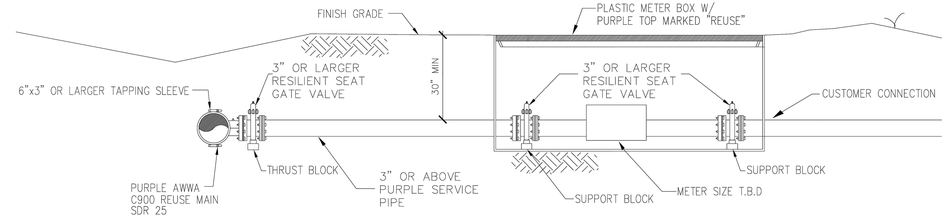
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U-17

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



1 FORCEMAIN CONNECTION TO MANHOLE DETAIL NTS



NOTES:

1. MAINTAIN 3' MIN. CLEAR SEPARATION BETWEEN REUSE AND POTABLE PIPES AND SERVICE TUBING.
2. USE CASING WHERE SERVICE CROSSES EXISTING PAVEMENT.

2 RE-USE CONNECTION DETAIL NTS

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

UTILITY DETAIL 8

VOLKERT Engineers Surveyors Planners

215 FAIRPOINT DRIVE
SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by: AVH IV	Rev.
Drawn by: D.P.	Date: FEBRUARY 2023
Cad by: M.W.	M&N Project No. 202000
Reviewed by:	Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (D SHEET)

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

ENGINEERS ESTIMATE OF PROBABLE WATER AND SEWER ITEMS - 100% SUBMITTAL				
BID ITEMS				
ITEM	TOTAL QUANTITY	UNIT MEASURE	DESCRIPTION	NOTES
0425 2 41	1	EA	MANHOLES, P-7, <10'	
0425 5 1	1	EA	MANHOLE, ADJUST, UTILITIES	
1050 31202	1036	LF	UTILITY PIPE-POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 2"	
1050 31203	1568	LF	UTILITY PIPE-POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 3"	
1050 31206	3,654	LF	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 6"	
1050 31208	713	LF	UTILITY PIPE-POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 8"	
1050 51206	22	LF	UTILITY PIPE-DUCTILE IRON/CAST IRON, FURNISH&INSTALL, WATER/SEWER, 6"	
1050 51204	43	LF	UTILITY PIPE-DUCTILE IRON/CAST IRON, FURNISH&INSTALL, WATER/SEWER, 3"	
1055 31102	3	EA	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, ELBOW, 2"	
1055 31108	9	EA	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, ELBOW, 3"	
1055 31108	16	EA	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, ELBOW, 6"	
1055 31108	2	EA	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, ELBOW, 8"	
1050 31213	3	EA	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, TEE, 3"	
1055 31216	2	EA	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, TEE, 6"	
1080 21106	1	EA	UTILITY FIXTURE, VALVE/METER BOX, FURNISH & INSTALL, 3"	
1080 21106	1	EA	UTILITY FIXTURE, VALVE/METER BOX, FURNISH & INSTALL, 6"	
1080 22102	1	EA	UTILITY FIXTURE- BACKFLOW ASSEMBLY, FURNISH & INSTALL, 3"	
1080 22102	1	EA	UTILITY FIXTURE- BACKFLOW ASSEMBLY, FURNISH & INSTALL, 6"	
1080 22102	1	EA	UTILITY FIXTURE- BACKFLOW ASSEMBLY, FURNISH & INSTALL, 6" {DOUBLE DETECTOR CHECK VALVE*)	
1080 23102	1	EA	UTILITY FIXTURE- TAPPING SADDLE/SLEEVE, FURNISH & INSTALL, 3"	
1080 23106	2	EA	UTILITY FIXTURE- TAPPING SADDLE/SLEEVE, FURNISH & INSTALL, 6"	
1080 24104	11	EA	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 3"	
1080 24106	5	EA	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 6"	
1080 29104	44	EA	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 3"	
1080 29106	95	EA	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 6"	
1644112 06	1	EA	FIRE HYDRANT, F&I, STANDARD, 2 HOSE, 6"	
1501 1	1	EA	LIFT STATION, SANITARY SEWER *	
* LIFTSTATION QUANTITY INCLUDES CONTROL PANEL, AUXILIARY ALARM, FENCING, CONDUIT, WIRING, PEDESTAL, AND MISC. CONCRETE FOR PEDESTAL FOUNDATION.				

ENGINEERS ESTIMATE OF PROBABLE WATER AND SEWER ITEMS - 100% SUBMITTAL				
PHASE II BID ITEMS				
ITEM	TOTAL QUANTITY	UNIT MEASURE	DESCRIPTION	NOTES
1050 31203	146	LF	UTILITY PIPE-POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 3"	
1050 31206	112	LF	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 6"	
1050 51206	6	LF	UTILITY PIPE-DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 6"	
1055 31108	1	EA	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, ELBOW, 3"	
1055 31108	1	EA	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, ELBOW, 6"	
1080 24104	1	EA	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 3"	
1080 24106	1	EA	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 6"	
1080 29104	2	EA	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 3"	
1080 29106	3	EA	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 6"	
1644112 06	1	EA	FIRE HYDRANT, F&I, STANDARD, 2 HOSE, 6"	

SANTA ROSA COUNTY FLORIDA IN GOD WE TRUST

Rev.	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

SUMMARY OF QUANTITIES

VOLKERT

215 FAIRPOINT DRIVE
SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

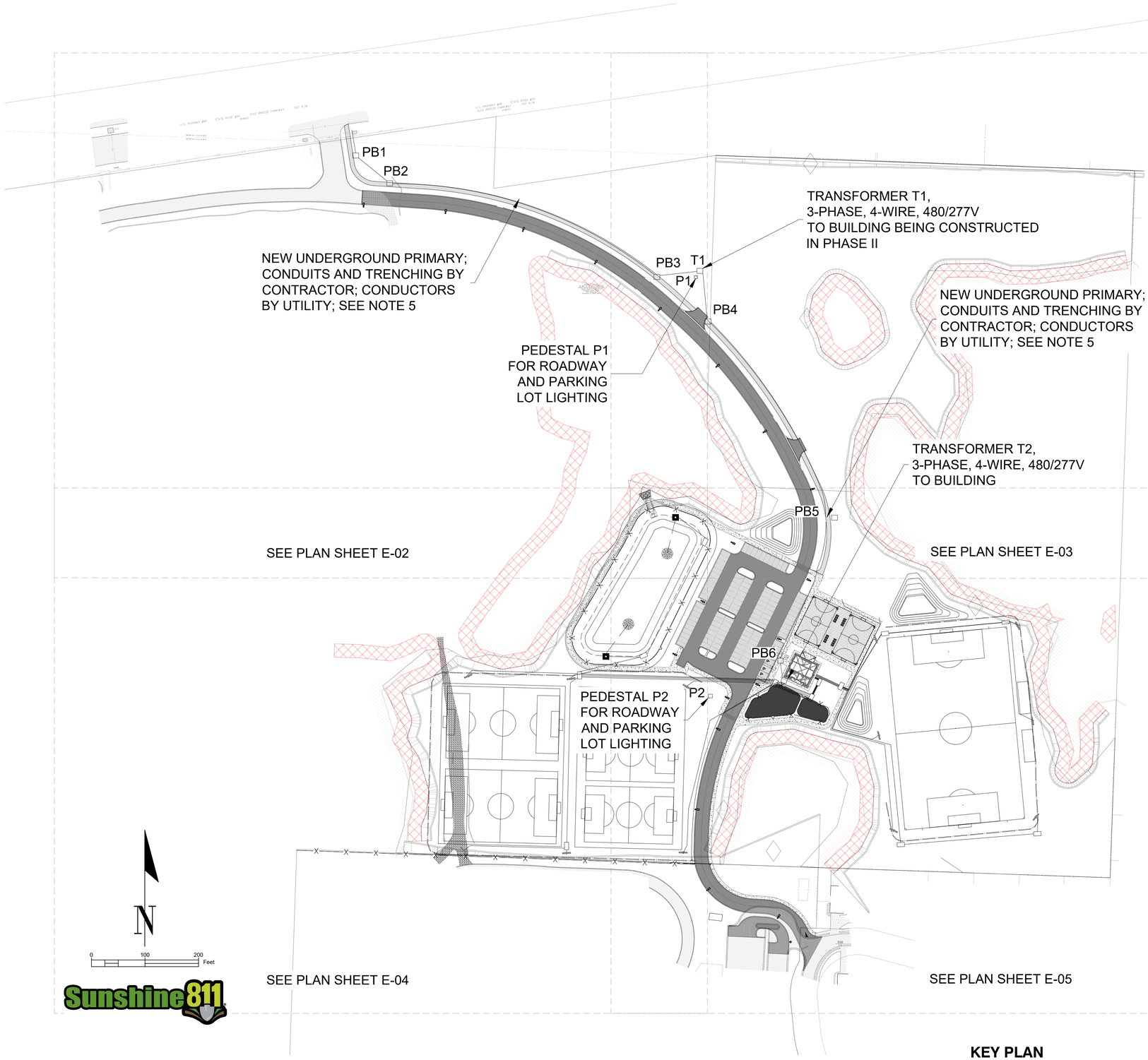
Designed by: AVH IV
Drawn by: D.P.
Checked by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: FEBRUARY 2023
MBA Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

ARTHUR VANCE HOOKS IV LICENSE No. 66355 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet Reference No.
U-19

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



KEY PLAN

NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, THE NESC, AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.
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3. ALL ABOVE GRADE/EXPOSED CONDUITS SHALL BE RGS. TRANSITION FROM PVC TO RGS SHALL BE MADE BELOW GRADE.
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LEGEND

SYMBOL	ITEM	DETAIL NO.
Tx	NEW PAD MOUNT TRANSFORMER BY UTILITY; 480/277V 3-PHASE, 4-WIRE SECONDARY	4 / E-12
Px	NEW SECONDARY PEDESTAL FOR ROADWAY AND PARKING LOT LIGHTING	
PBx	UTILITY SPLICE BOX	
Sx	RECREATIONAL FIELD POLE WITH LUMINAIRES	5 / E-13
	ROADWAY/PARKING LOT POLE WITH LUMINAIRE	1 / E-11

Sunshine811

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

No.	Description	Date	Appr.

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

ELECTRICAL PLAN KEY SHEET (PHASE I)

VOLKERT
215 FAIRPOINT DRIVE, SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

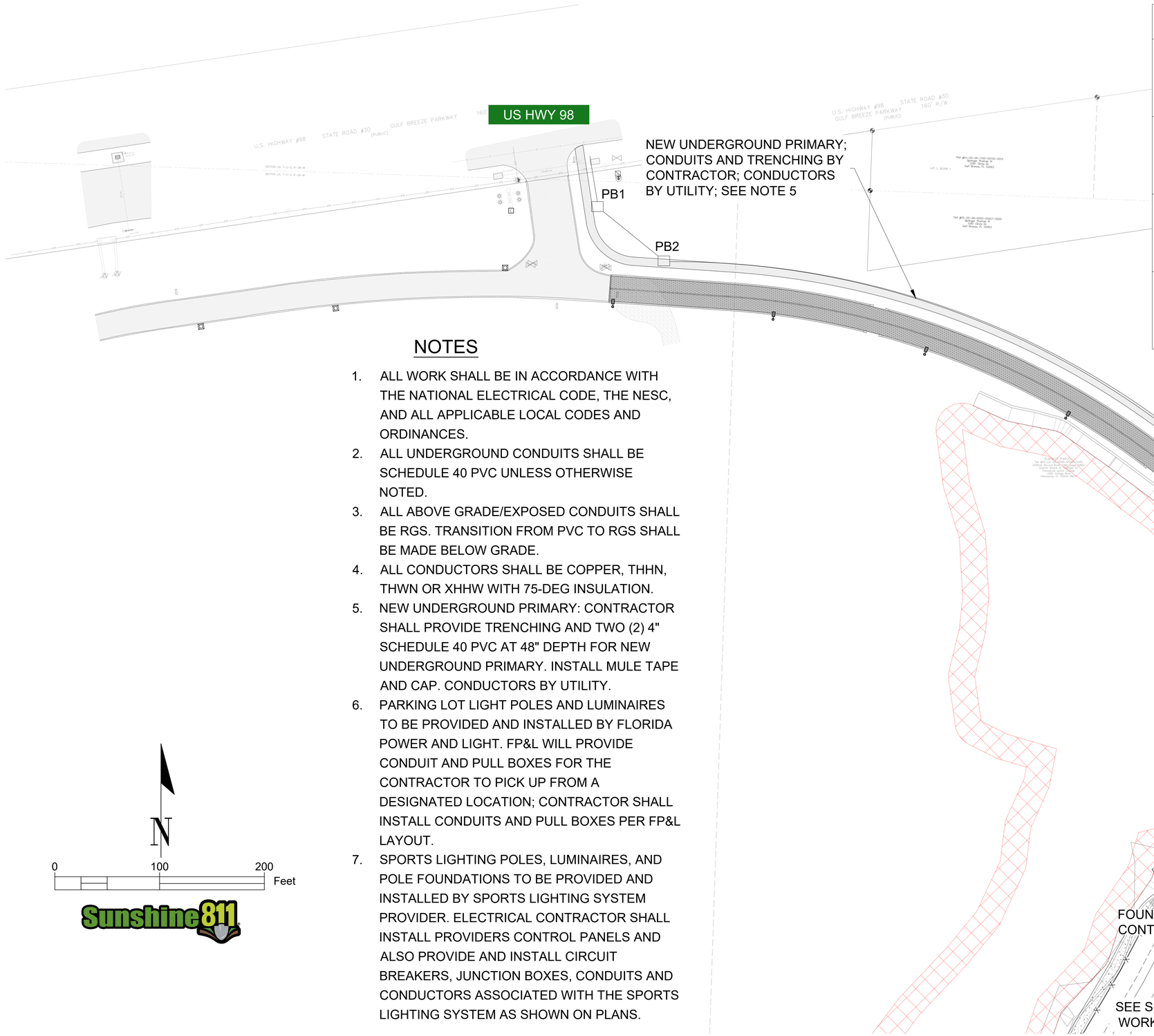
Designed by: KWP
Drawn by: D.P.
Checked by: M.W.
Reviewed by:
Submitted by: SUBMITTERS NAME MOFFATT & NICHOL
Date: FEBRUARY 2023
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev:

KENNETH W. POWERS — LICENSE No. 78362 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

Sheet Reference No.
E-01

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



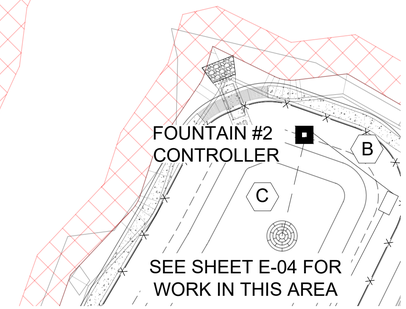
LEGEND

SYMBOL	ITEM	DETAIL NO.
Tx	NEW PAD MOUNT TRANSFORMER BY UTILITY; 480/277V 3-PHASE, 4-WIRE SECONDARY	4 / E-12
Px	NEW SECONDARY PEDESTAL FOR ROADWAY AND PARKING LOT LIGHTING	
PBx	UTILITY SPLICE BOX	
	ROADWAY/PARKING LOT POLE WITH LUMINAIRE	1 / E-11

NOTES

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Sunshine811



KEY PLAN

SANTA ROSA COUNTY FLORIDA IN GOD WE TRUST

Mark	Description	Date	Appr.

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

ELECTRICAL PLAN SHEET (PHASE I)

VOLKERT
215 FAIRPOINT DRIVE
SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

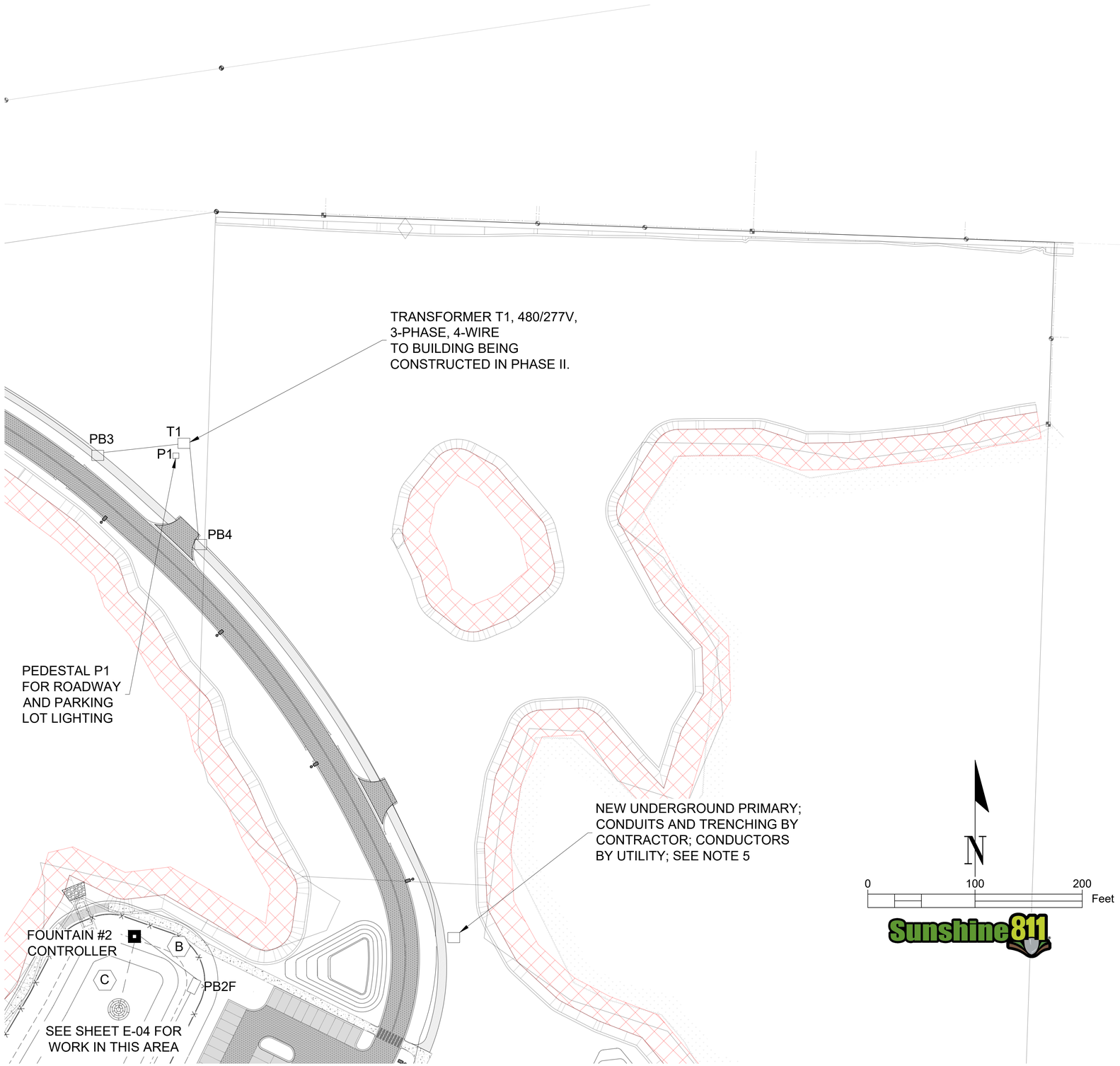
Designed by: KWP
Drawn by: D.P.
Cad by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: FEBRUARY 2023
M&N Project No. 202000
Drawing code:
Drawing Scale: Plot scale: 1:1 (D SHEET)
Rev.

KENNETH W. POWERS LICENSE No. 78362 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet Reference No.
E-02

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



NOTES

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LEGEND

SYMBOL	ITEM	DETAIL NO.
Tx	NEW PAD MOUNT TRANSFORMER BY UTILITY; 480/277V 3-PHASE, 4-WIRE SECONDARY	4 / E-12
Px	NEW SECONDARY PEDESTAL FOR ROADWAY AND PARKING LOT LIGHTING	
PBx	UTILITY SPLICE BOX	
	ROADWAY/PARKING LOT POLE WITH LUMINAIRE	1 / E-11

KEY PLAN

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr.

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

ELECTRICAL PLAN SHEET (PHASE I)

VOLKERT — 215 FAIRPOINT DRIVE SUITE B, GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by: KWP
Drawn by: D.P.
Cad by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: FEBRUARY 2023
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev:

KENNETH W. POWERS — LICENSE No. 78362 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

Sheet Reference No.
E-03

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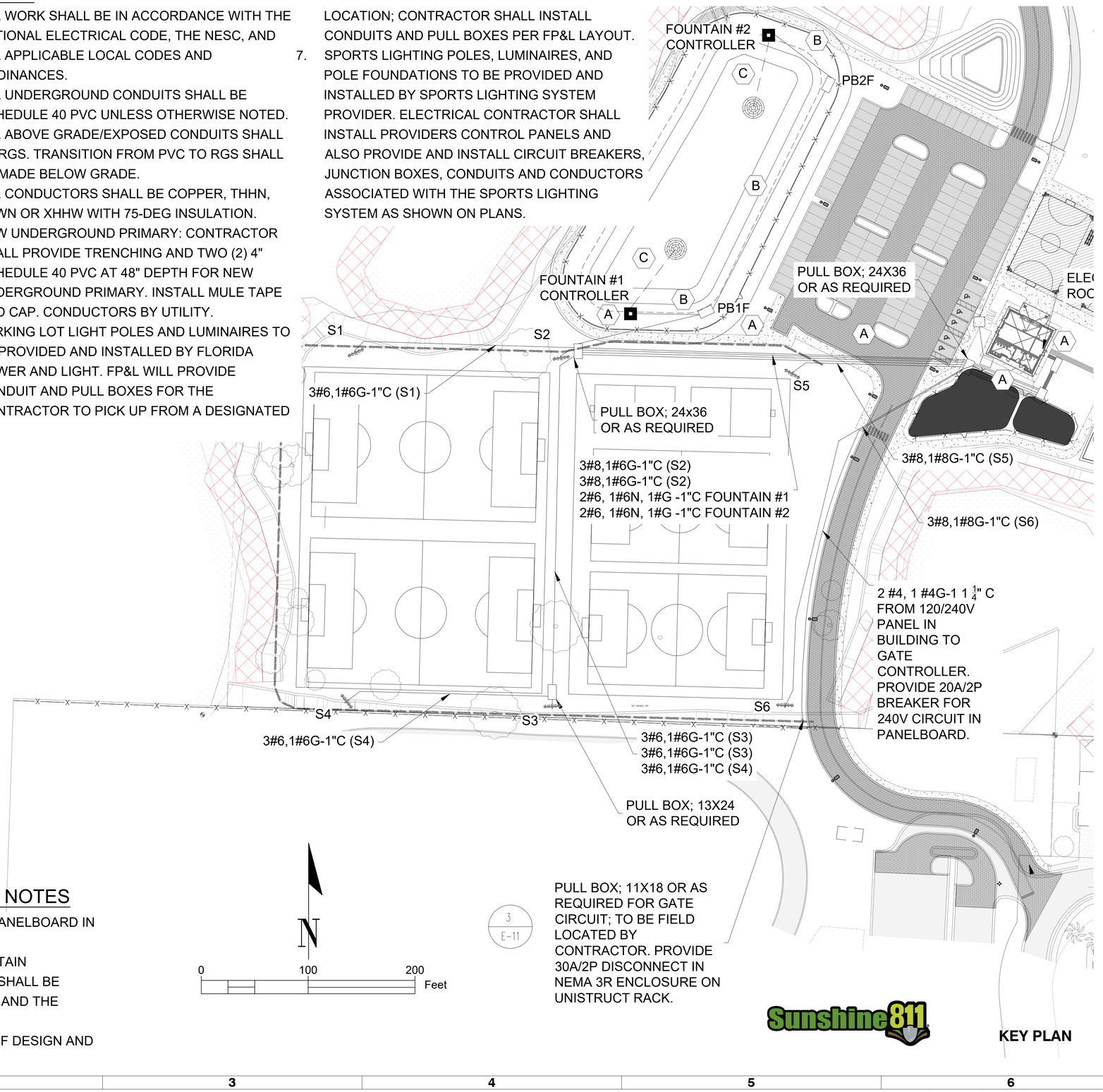
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

LEGEND

SYMBOL	ITEM	DETAIL NO.
Tx □	NEW PAD MOUNT TRANSFORMER BY UTILITY; 480/277V 3-PHASE, 4-WIRE SECONDARY	4 / E-12
Px □	NEW SECONDARY PEDESTAL FOR ROADWAY AND PARKING LOT LIGHTING	
PBx □	UTILITY SPLICE BOX	
Sx	RECREATIONAL FIELD POLE WITH LUMINAIRE	5 / E-13
	ROADWAY/PARKING LOT POLE WITH LUMINAIRE	1 / E-11
A	2 SETS: 2#6, 1#6N, 1#6G IN 1"C (POWER TO FOUNTAIN #1 AND FOUNTAIN #2)	
B	2# 6, 1# 6N, 1#6G IN 1"C (POWER TO FOUNTAIN)	
C	MANUFACTURER'S FOUNTAIN POWER AND LIGHTING CABLES	
PBxF □	13" X 24" PULL BOX FOR FOUNTAIN CIRCUITS	
■	MANUFACTURER'S FOUNTAIN POWER AND LIGHTING CONTROLLER, 230V OPERATION	

NOTES

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FOUNTAIN POWER AND LIGHTING CIRCUITS NOTES

1. PROVIDE TWO (2) 20A/2P CIRCUIT BREAKERS IN 120/240V PANELBOARD IN ELECTRICAL ROOM FOR NEW FOUNTAIN CIRCUITS.
2. PROVIDE GALVANIZED UNISTRUT FRAME TO MOUNT FOUNTAIN CONTROLLER(S) ON. EXACT LOCATION OF CONTROLLERS SHALL BE DETERMINED IN THE FIELD WITH INPUT FROM THE OWNER AND THE ARCHITECT.
3. REFER TO LANDSCAPE DRAWINGS FOR FOUNTAIN BASIS OF DESIGN AND DETAILS.

KEY PLAN

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

ELECTRICAL PLAN SHEET (PHASE I)

VOLKERT
215 FAIRPOINT DRIVE SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

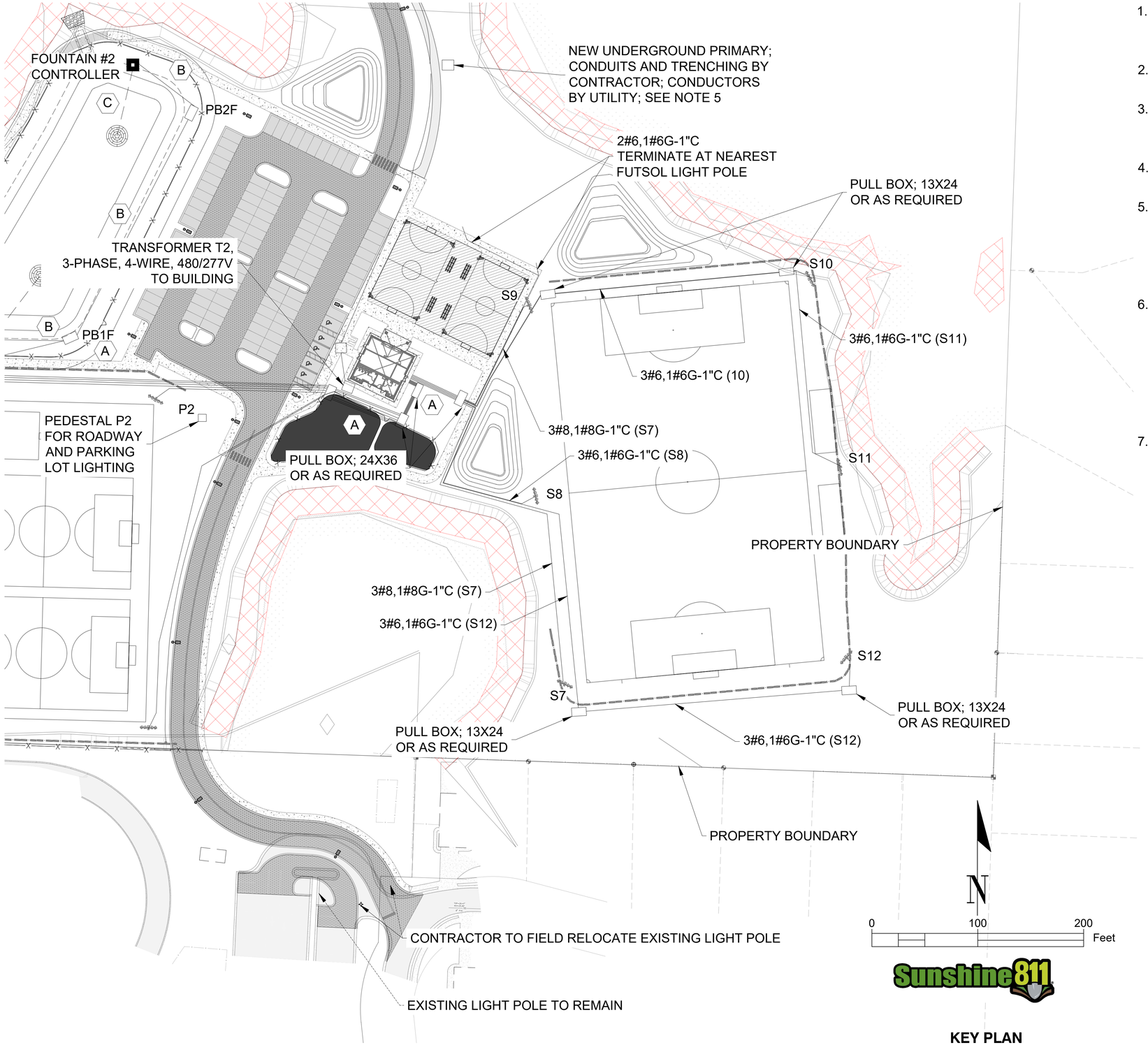
Designed by: KWP
Drawn by: D.P.
Checked by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: FEBRUARY 2023
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev. Mark Description Date Appr.

KENNETH W. POWERS LICENSE No. 78362 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet Reference No.
E-04

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

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KEY PLAN

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LEGEND

SYMBOL	ITEM	DETAIL NO.
Tx	NEW PAD MOUNT TRANSFORMER BY UTILITY; 480/227V 3-PHASE SECONDARY	4 / E-12
Px	NEW SECONDARY PEDESTAL FOR ROADWAY AND PARKING LOT LIGHTING	
PBx	UTILITY SPLICE BOX	
Sx	RECREATIONAL FIELD POLE WITH LUMINAIRE	5 / E-13
	ROADWAY/PARKING LOT POLE WITH LUMINAIRE	1 / E-11

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Rev	Date	Description	Appr

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

ELECTRICAL PLAN SHEET (PHASE I)

VOLKERT — 215 FAIRPOINT DRIVE SUITE B GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by: KWP | Drawn by: D.P. | Cad by: M.W. | Reviewed by:

Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

Date: FEBRUARY 2023 | M&N Project No: 202000 | Drawing code: | Drawing Scale: | Plot scale: 1:1 (D SHEET)

KENNETH W. POWERS — LICENSE No. 78362 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

Sheet Reference No.
E-05

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LEGEND

SYMBOL	ITEM	DETAIL NO.
Fx	RECREATIONAL FIELD POLE WITH LUMINAIRES	5 / E-18
	ROADWAY/PARKING LOT POLE WITH LUMINAIRE	1, 2 / E-11

N

0 100 200 Feet

Sunshine 811

KEY PLAN

SANTA ROSA COUNTY, FLORIDA — IN GOD WE TRUST

Rev.	Date	Description	Appr.

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

ELECTRICAL PLAN KEY SHEET (PHASE II)

VOLKERT
215 FAIRPOINT DRIVE SUITE B
GULF BREEZE, FL 32561

Designed by:	KWP
Drawn by:	D.P.
Cad by:	M.W.
Reviewed by:	
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	FEBRUARY 2023
M&N Project No.	202000
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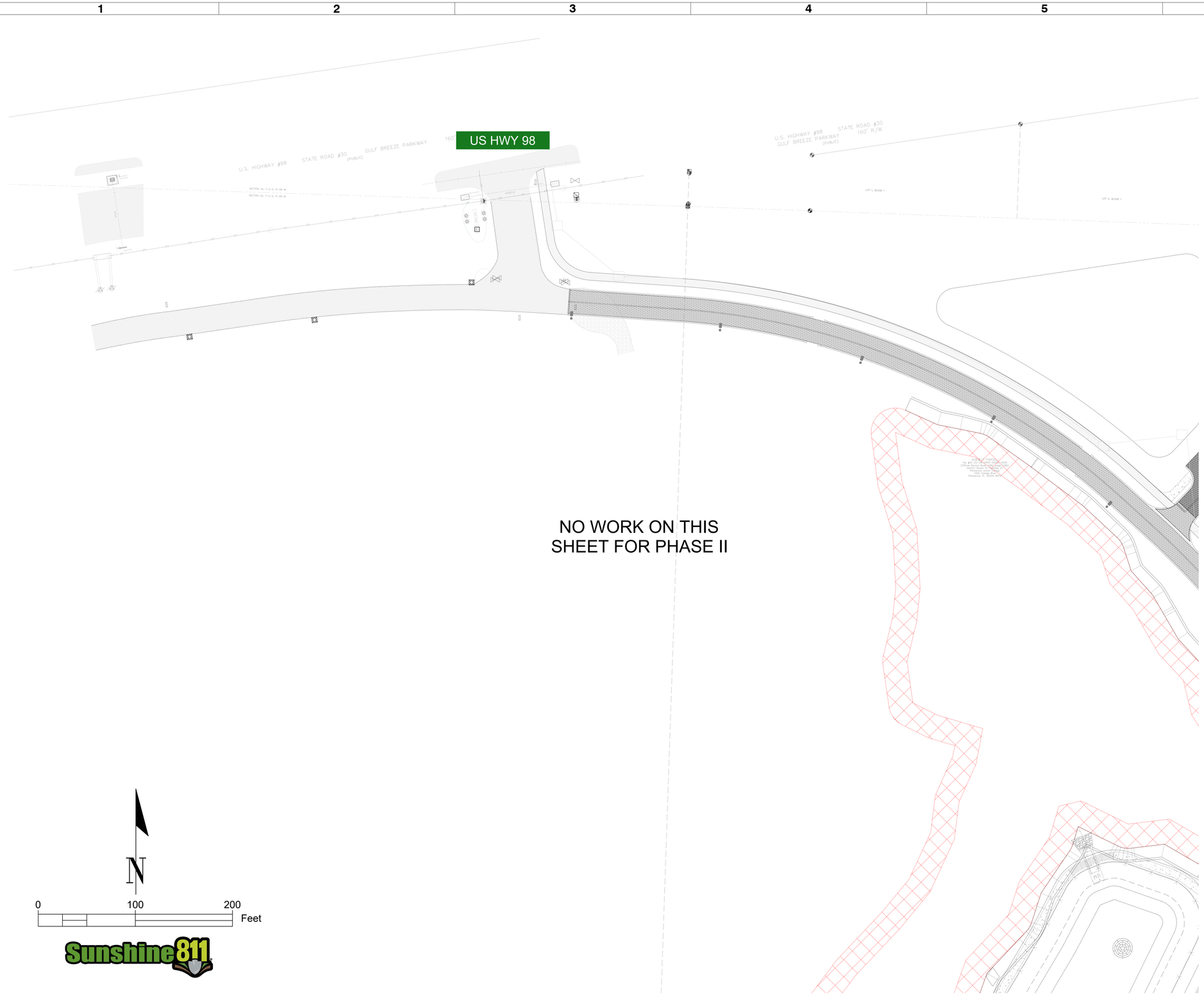
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

KENNETH W. POWERS — LICENSE No. 78362 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

Sheet Reference No.
E-06

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



Sunshine811

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

ELECTRICAL PLAN SHEET (PHASE II)

Designed by: KWP
Drawn by: D.P.
Cad by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

Date: FEBRUARY 2023
MMN Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

Rev.

VOLKERT
215 FAIRPOINT DRIVE
SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

KENNETH W. POWERS
LICENSE
No. 78362
STATE OF FLORIDA
PROFESSIONAL ENGINEER

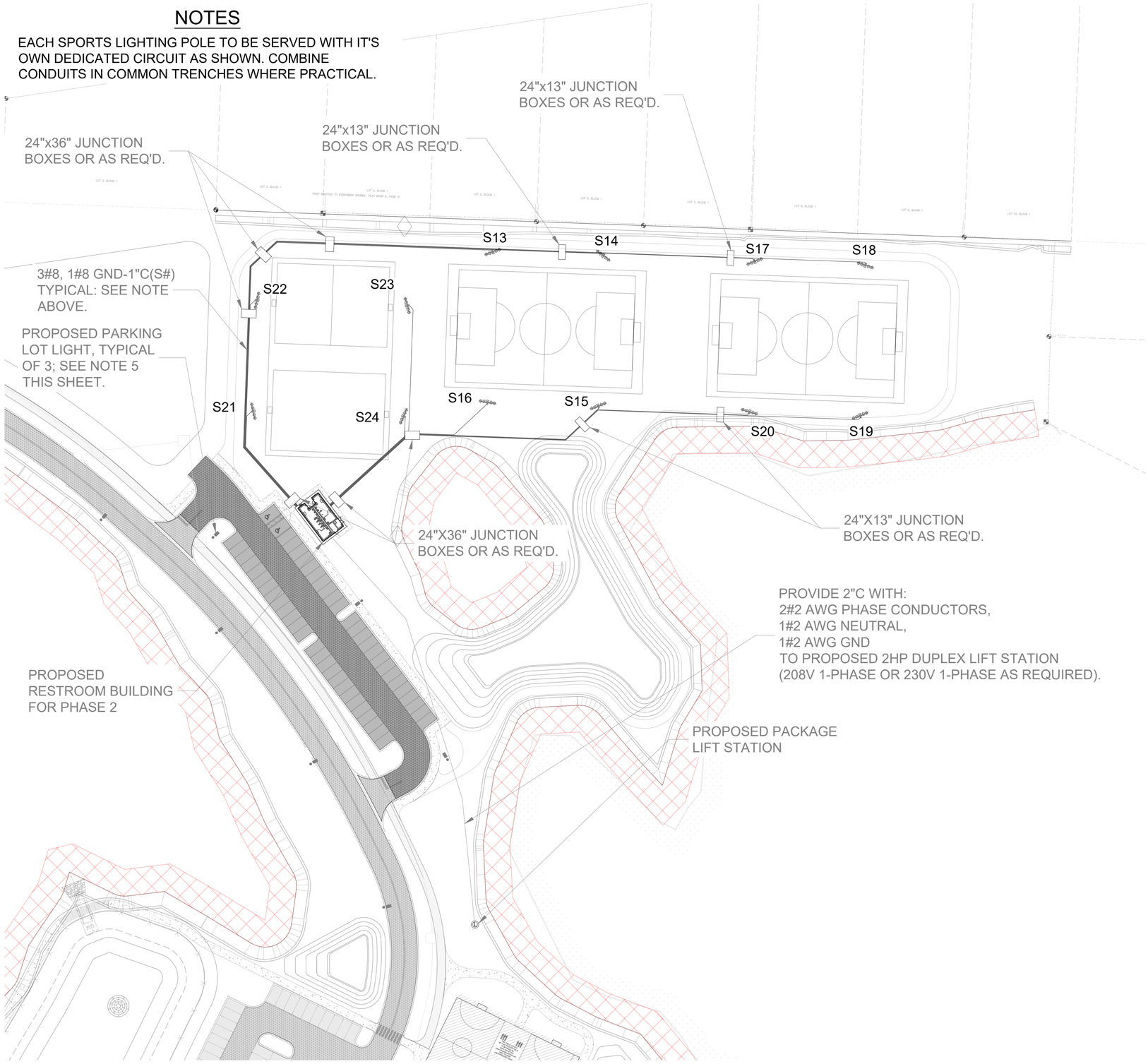
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E-07

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

NOTES

EACH SPORTS LIGHTING POLE TO BE SERVED WITH IT'S OWN DEDICATED CIRCUIT AS SHOWN. COMBINE CONDUITS IN COMMON TRENCHES WHERE PRACTICAL.



NOTES

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LEGEND

SYMBOL	ITEM	DETAIL NO.
Sx	RECREATIONAL FIELD POLE WITH LUMINAIRES	5 / E-13
	ROADWAY/PARKING LOT POLE WITH LUMINAIRE	1 / E-11

N

0 100 200 Feet

Sunshine811

KEY PLAN

SANTA ROSA COUNTY FLORIDA IN GOD WE TRUST

Mark	Description	Date	Appr.

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

ELECTRICAL PLAN SHEET (PHASE II)

VOLKERT Engineering Architecture Planning
215 FAIRPOINT DRIVE SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

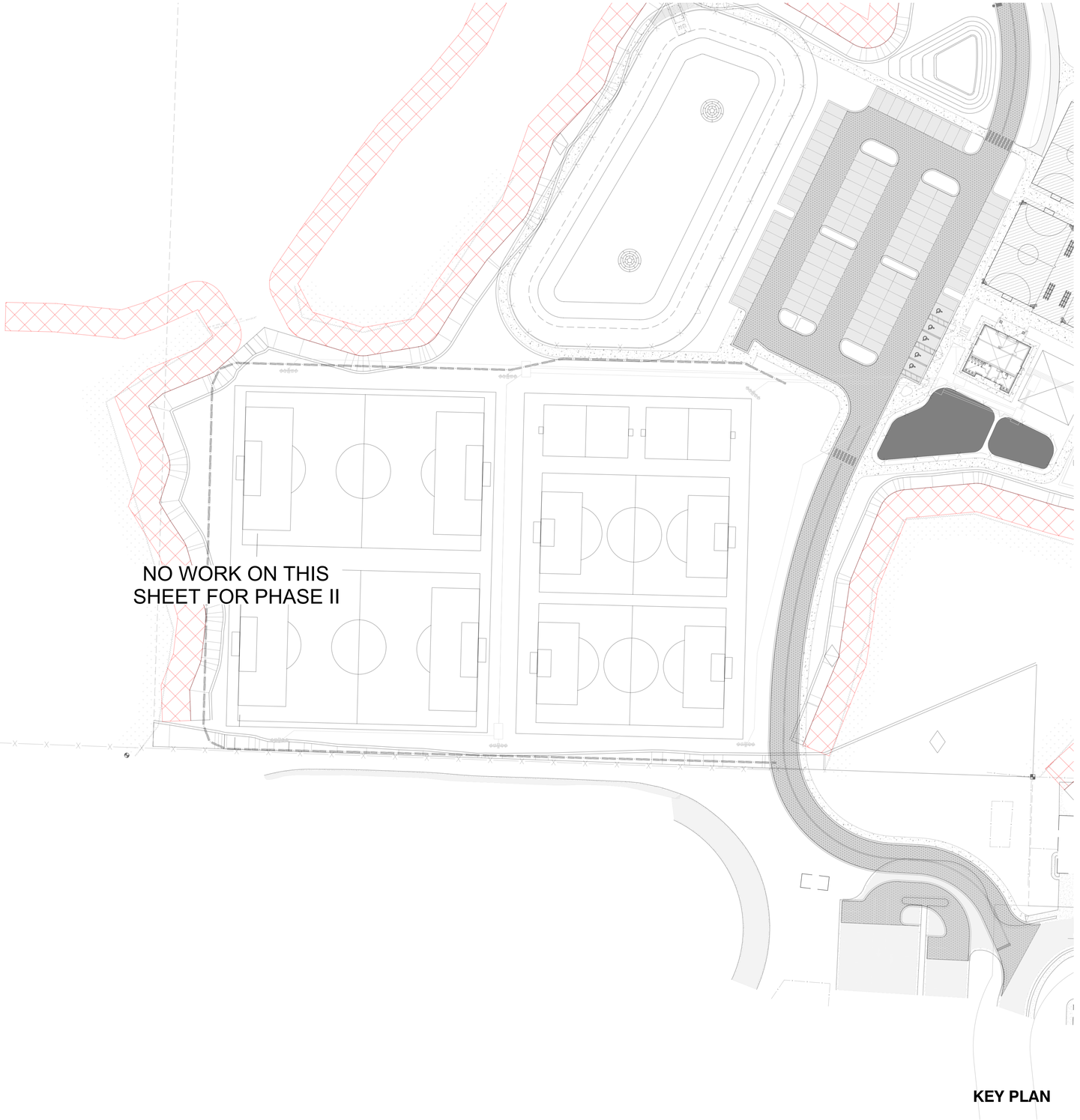
Designed by:	KWP
Drawn by:	D.P.
Cad by:	M.W.
Reviewed by:	
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	FEBRUARY 2023
Rev.	
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)

KENNETH W. POWERS LICENSE No. 78362 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet Reference No.
E-08

File: Z:\Projects\1090100 SANTA ROSA SPORTS PARK\02-Civil\1090100 E01 ELECTRICAL - PHASE 2.; Plotted: 4/8/2025 12:23 PM by DEWEY PHILLIPS; Saved: 4/3/2025 10:30 AM by BRADYNLUNA

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



KEY PLAN

N

0 100 200 Feet

Sunshine811

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

ELECTRICAL PLAN SHEET (PHASE II)

Designed by: KWP	Drawn by: D.P.	Cad by: M.W.	Date: FEBRUARY 2023
Reviewed by:		Drawing code:	M&N Project No. 202000
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL		Drawing Scale: Plot scale: 1:1 (D SHEET)	Rev:

VOLKERT
215 FAIRPOINT DRIVE SUITE B
GULF BREEZE, FL 32561

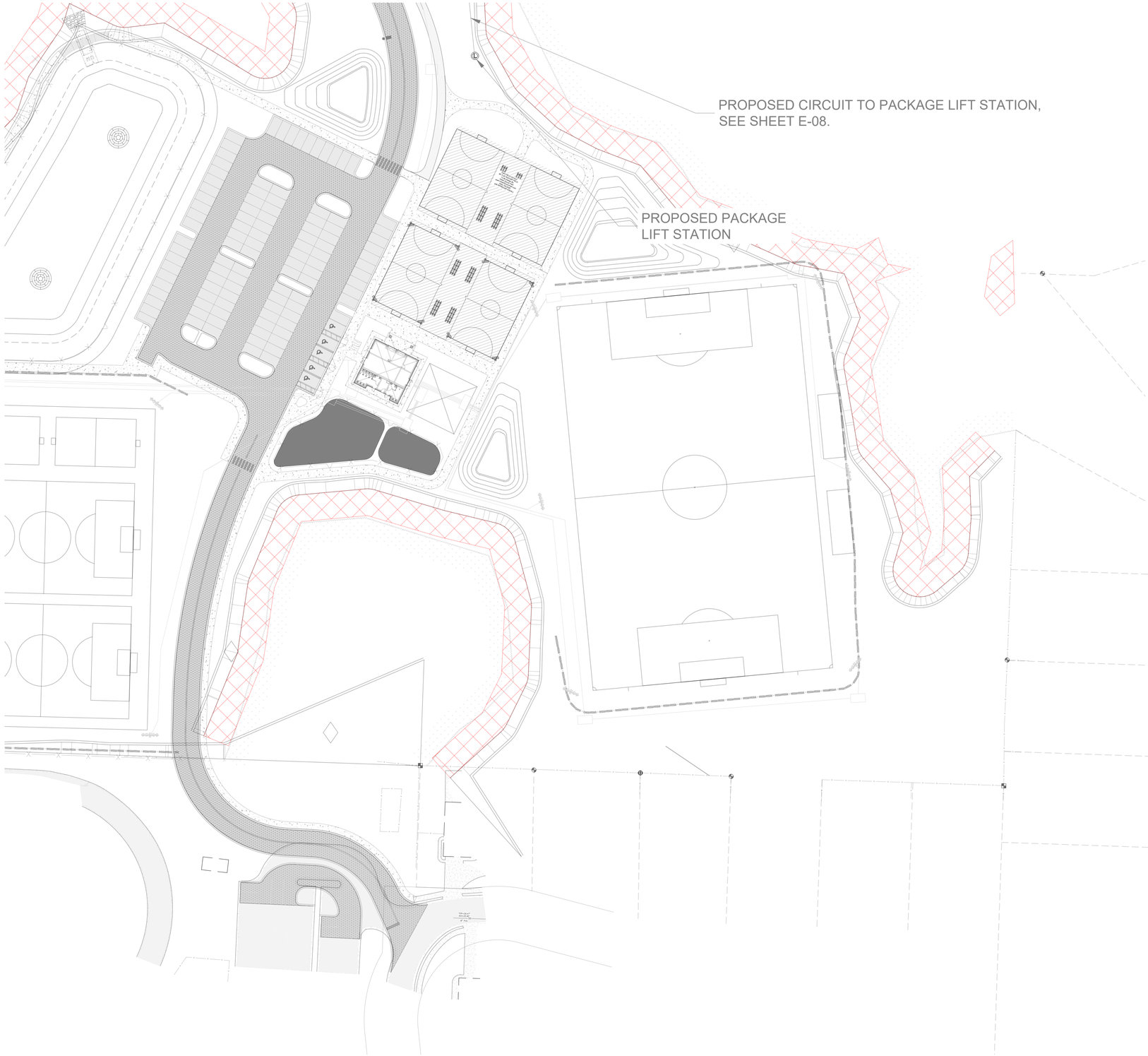
SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

KENNETH W. POWERS LICENSE No. 78362 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet Reference No.
E-09

File: Z:\Projects\1090100 SANTA ROSA SPORTS PARK\02-Civil\1090100 E01 ELECTRICAL - PHASE 2 ; Plotted: 4/8/2025 12:23 PM by DEWEY PHILLIPS ; Saved: 4/3/2025 10:30 AM by BRADYN.LUNA

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, THE NESC, AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.
2. ALL UNDERGROUND CONDUITS SHALL BE SCHEDULE 40 PVC UNLESS OTHERWISE NOTED.
3. ALL ABOVE GRADE/EXPOSED CONDUITS SHALL BE RGS. TRANSITION FROM PVC TO RGS SHALL BE MADE BELOW GRADE.
4. ALL CONDUCTORS SHALL BE COPPER, THHN, THWNI OR XHHW WITH 75-DEG INSULATION.
5. PARKING LOT LIGHT POLES AND LUMINAIRES TO BE PROVIDED AND INSTALLED BY FLORIDA POWER AND LIGHT. FP&L WILL PROVIDE CONDUIT AND PULL BOXES FOR THE CONTRACTOR TO PICK UP FROM A DESIGNATED LOCATION; CONTRACTOR SHALL INSTALL CONDUITS AND PULL BOXES PER FP&L LAYOUT.
6. SPORTS LIGHTING POLES, LUMINAIRES, AND POLE FOUNDATIONS TO BE PROVIDED AND INSTALLED BY SPORTS LIGHTING SYSTEM PROVIDER. ELECTRICAL CONTRACTOR SHALL INSTALL PROVIDERS CONTROL PANELS AND ALSO PROVIDE AND INSTALL CIRCUIT BREAKERS, JUNCTION BOXES, CONDUITS AND CONDUCTORS ASSOCIATED WITH THE SPORTS LIGHTING SYSTEM AS SHOWN ON PLANS.

LEGEND

SYMBOL	ITEM	DETAIL NO.
Sx	RECREATIONAL FIELD POLE WITH LUMINAIRE	5 / E-13
	ROADWAY/PARKING LOT POLE WITH LUMINAIRE	1 / E-11

N

0 100 200 Feet

Sunshine811

KEY PLAN

SANTA ROSA COUNTY FLORIDA IN GOD WE TRUST

Mark	Description	Date	Appr.

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

ELECTRICAL PLAN SHEET (PHASE II)

VOLKERT
215 FAIRPOINT DRIVE SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

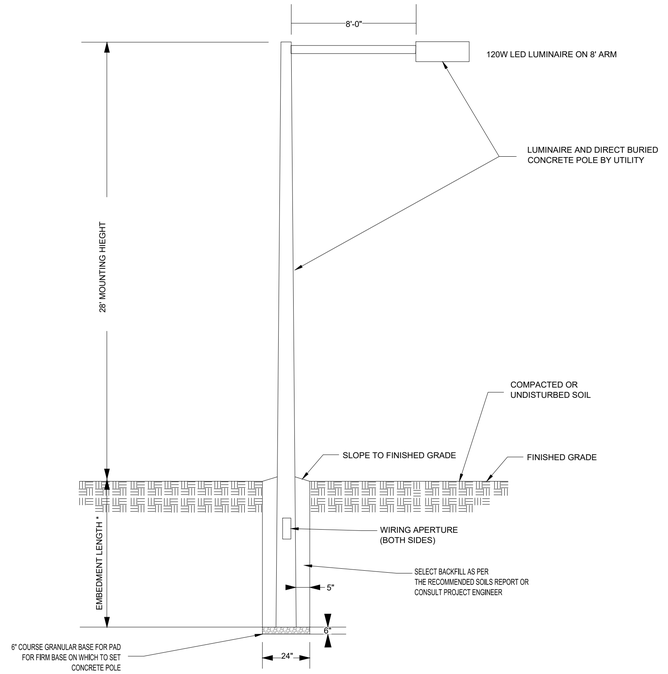
Designed by: KWP
Drawn by: D.P.
Cad by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: FEBRUARY 2023
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev:

KENNETH W. POWERS LICENSE No. 78362 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet Reference No.
E-10

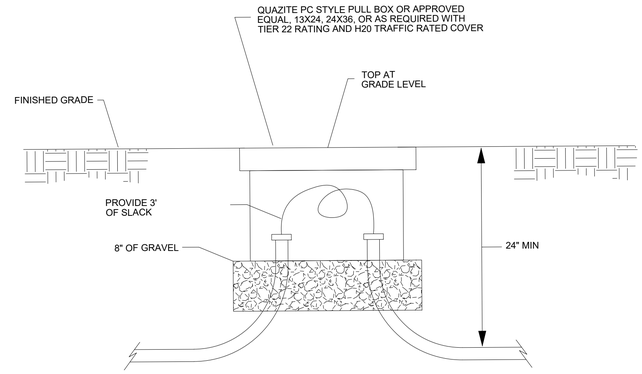
File: Z:\Projects\1090100 SANTA ROSA SPORTS PARK\02-Civil\1090100 E01 ELECTRICAL - PHASE 2 ; Plotted: 4/8/2025 12:23 PM by DEWEY PHILLIPS ; Saved: 4/3/2025 10:30 AM by BRADYYLUNA

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



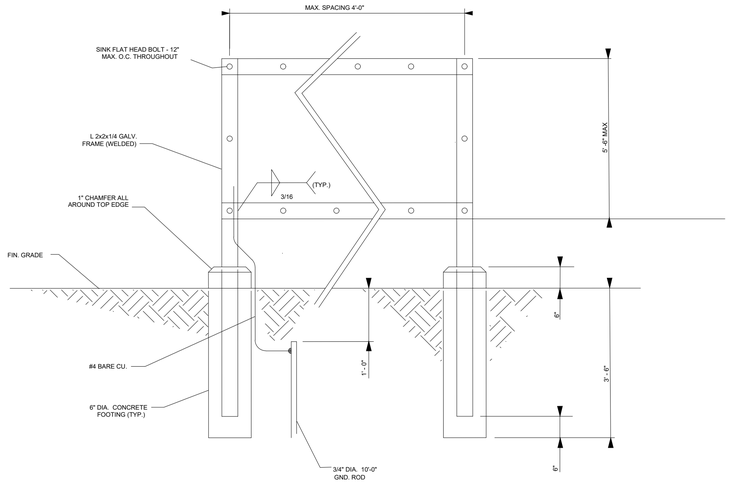
1 POLE MOUNTED LIGHT — NTS

FOR REFERENCE ONLY; TO BE PROVIDED AND INSTALLED BY FPL



2 PULL BOX — NTS

PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR FOR CIRCUITS TO SPORTS LIGHTING POLES AS SHOWN ON PLANS



3 / E-04 EQUIPMENT RACK — NTS

TO BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr.

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

ELECTRICAL DETAIL 1

VOLKERT — 215 FAIRPOINT DRIVE SUITE B, GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by:	KWP
Drawn by:	D.P.
Checked by:	M.W.
Reviewed by:	
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	FEBRUAR 2023
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev.	

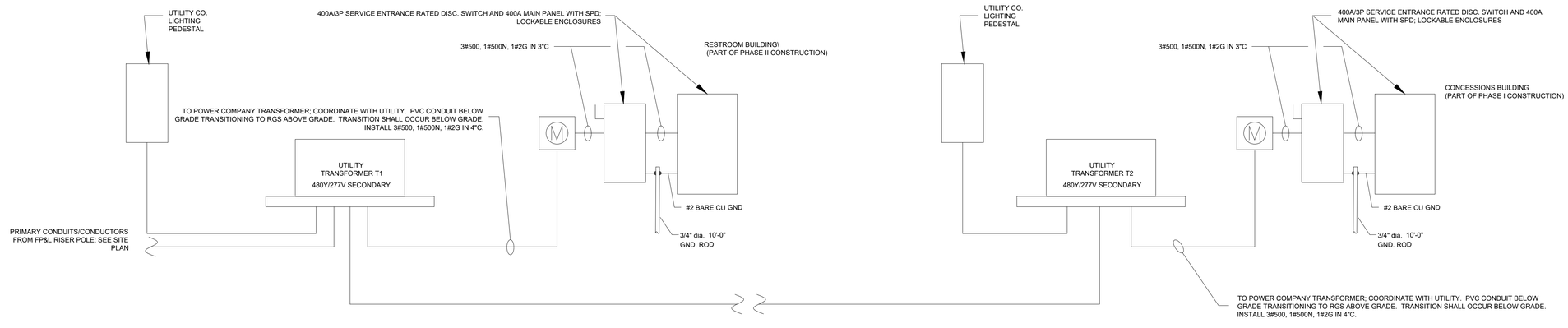
KENNETH W. POWERS — LICENSE No. 78362 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

Sheet Reference No.

E-11

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



4 SINGLE LINE DIAGRAM — NTS

NOTES

1. CONTRACTOR SHALL PROVIDE TRENCHING, CONDUIT, & CONDUCTORS FROM TRANSFORMER TO METER BASE AT BUILDINGS. THE UTILITY COMPANY SHALL CONNECT CONDUCTORS TO TRANSFORMER. CONTRACTOR SHALL INSTALL METER BASE. EXACT LOCATIONS TO BE FIELD DETERMINED.
2. CONDUIT FOR 200-AMP METER BASE - 3" PVC BURIED AT A MINIMUM OF 36"
   CONDUIT FOR 400-AMP METER BASE - 4" PVC BURIED AT A MINIMUM OF 48"
3. ROAD BORES FOR PRIMARY (IF REQ'D) SHALL BE A MIN OF 48" DEEP; CONDUIT AND TRENCHING BY CONTRACTOR.
4. ALL ELECTRICAL INFRASTRUCTURE TO BE INSTALLED AS PART OF PAHSE I ACTIVITIES UNLESS NOTED OTHERWISE.

ENGINEERS ESTIMATE OF PROBABLE ELECTRICAL ITEMS - PHASE 1				
PHASE I BID ITEMS				
ITEM	TOTAL QUANTITY	UNIT MEASURE	DESCRIPTION	NOTES
1050 31204	3,300	LF	UTILITY PIPE-POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 4"	
0639 6 1	2	EA	ELECTRICAL POWER SERVICE-TRANSFORMER FURNISH & INSTALL	
0639 2 1	3,300	LF	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	
0676 2300	2	EA	ITS CABINET, INSTALL	
0630 2 11	9,095	LF	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	
0715 1 12	36,680	LF	LIGHTING CONDUCTORS, FURNISH & INSTALL, INSULATED, NO. 8 - 6	
0635 2 11	16	EA	PULL & SPLICE BOX , F&I, 13"X24" COVER SIZE	
0635 2 12	11	EA	PULL & SPLICE BOX , F&I, 24"X36" COVER SIZE	

ENGINEERS ESTIMATE OF PROBABLE ELECTRICAL ITEMS - PHASE 2				
PHASE II BID ITEMS				
ITEM	TOTAL QUANTITY	UNIT MEASURE	DESCRIPTION	NOTES
0630 2 11	6,120	LF	ITS CABINET, INSTALL	
0715 1 12	20,800	LF	LIGHTING CONDUCTORS, FURNISH & INSTALL, INSULATED, NO. 8 - 6	
0715 1 13	3,700	LF	LIGHTING CONDUCTORS, FURNISH & INSTALL, INSULATED, NO. 4 - 2	
0635 2 11	4	EA	PULL & SPLICE BOX , F&I, 13"X24" COVER SIZE	
0635 2 12	7	EA	PULL & SPLICE BOX , F&I, 24"X36" COVER SIZE	

UTILITY SERVICE PROVIDER CONTACT INFORMATION

SEWER AND RE-USE WATER
THOMAS LAMBER, PE
GULF BREEZE UTILITIES
1070 SHORELINE DRIVE
GULF BREEZE, FL 32561
850-934-4094

POTABLE WATER
MIKE BOBICK
MIDWAY WATER
4971 GULF BREEZE PARKWAY
GULF BREEZE, FL 32563
850-791-0719

POWER
FLORIDA POWER AND LIGHT (FPL)
5120 DOGWOOD DRIVE
MILTON, FL 32570
850-249-2446

SUNSHINE ONE-CALL 811
11 PLANTATION ROAD
DEBARY, FL 32713
800-432-4770

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr.

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

ELECTRICAL DETAIL 2

Designed by: KWP
Drawn by: D.P.
Coord by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: FEBRUAR 2023
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev.

VOLKERT — 215 FAIRPOINT DRIVE SUITE B GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

KENNETH W. POWERS — LICENSE No. 78362 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

Sheet Reference No.
E-12

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

Circuit Summary

Switching Schedule	
Field/Switch Description	**Switches**
Rec Field 2	2
Rec Field 1	1
NCAA Soccer	3

Control Module ID: 1

Lighting Circuit Voltage: 480/60/3

Circuit Summary by Switch							
Switch	**Zone Description**	**Pole ID**	**Qty of Fixtures**	**Full load amperes**	**Contactor Size (Amps)**	**Cabinet #**	**Contactor ID**
1	Rec Field 1	S1	5	10.39	30	1	C1
	Rec Field 1	S2	4	7.79	30	1	C2
	Rec Field 1	S3	4	7.79	30	1	C3
	Rec Field 1	S4	5	10.39	30	1	C4
2	Rec Field 2	S2	4	7.79	30	1	C5
	Rec Field 2	S3	4	7.79	30	1	C6
	Rec Field 2	S5	4	7.79	30	1	C7
	Rec Field 2	S6	4	7.79	30	1	C8
3	NCAA Soccer	S7	5	10.2	30	1	C9
	NCAA Soccer	S8	6	12.57	30	1	C10
	NCAA Soccer	S9	5	10.2	30	1	C11
	NCAA Soccer	S10	5	10.2	30	1	C12
	NCAA Soccer	S11	6	12.57	30	2	C13
	NCAA Soccer	S12	5	10.2	30	2	C14

NOTE

ELECTRICAL CONTRACTOR TO COORDINATE WITH BUILDING ARCHITECT/ENGINEER FOR THE FOLLOWING CIRCUIT BREAKERS IN THE CONCESSIONS BUILDING MAIN PANEL. CIRCUITS FOR POLES S1 THROUGH S10 WILL FEED RESPECTIVE CONTACTORS IN MUSCO LIGHTING CONTROL PANEL.

POLE S1 - (1) 20A/3P BREAKER
POLE S2 - (2) 20A/3P BREAKERS (POLE SHARED WITH 2 FIELDS)
POLE S2 - (2) 20A/3P BREAKERS (POLE SHARED WITH 2 FIELDS)
POLE S4 - (1) 20A/3P BREAKER
POLE S5 - (1) 20A/3P BREAKER
POLE S6 - (1) 20A/3P BREAKER
POLE S7 - (1) 20A/3P BREAKER
POLE S8 - (1) 20A/3P BREAKER
POLE S9 - (1) 20A/3P BREAKER
POLE S10 - (1) 20A/3P BREAKER
POLE S11 - (1) 20A/3P BREAKER
POLE S12 - (1) 20A/3P BREAKER

FUTSOL FIELDS - PROVIDE TWO (2) 30A/2P BREAKERS; ONE PER FIELD

5 CIRCUIT BREAKER DATA - PHASE 1 NTS

SANTA ROSA COUNTY FLORIDA IN GOD WE TRUST

Mark	Description	Date	Appr.

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

CONTROL SYSTEM SUMMARY TABLES (PHASE I)

Designed by: KWP
Drawn by: D.P.
Cad by: M.W.
Reviewed by:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: FEBRUAR 2023
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev:

VOLKERT
215 FAIRPOINT DRIVE SUITE B
GULF BREEZE, FL 32561

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

KENNETH W. POWERS LICENSE No. 78362 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet Reference No.
E-13

File: Z:\Projects\1090100 SANTA ROSA SPORTS PARK\02-Civil\1090100 E01 ELECTRICAL DETAIL - Plotted: 6/11/2025 2:25 PM by BRADYN.LUNA - Saved: 4/3/2025 2:46 PM by BRADYN.LUNA

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

Circuit Summary

Switching Schedule	
Field/Switch Description	**Switches**
Rec Field 4	2
Rec Field 5	3
Rec Field 3	1

Control Module ID: 2

Lighting Circuit Voltage: 480/60/3

Circuit Summary by Switch

Switch	Zone Description	Pole ID	Qty of Fixtures	Full load amperes	Contactor Size (Amps)	Cabinet #	Contactor ID
1	Rec Field 3	S13	3	2.41	30	3	C1
	Rec Field 3	S14	3	2.41	30	3	C2
	Rec Field 3	S15	3	2.41	30	3	C3
	Rec Field 3	S16	3	2.41	30	3	C4
2	Rec Field 4	S17	3	2.41	30	3	C5
	Rec Field 4	S18	3	2.41	30	3	C6
	Rec Field 4	S19	3	2.41	30	3	C7
	Rec Field 4	S20	3	2.41	30	3	C8
3	Rec Field 5	S21	3	2.41	30	3	C9
	Rec Field 5	S22	3	2.41	30	3	C10
	Rec Field 5	S23	3	2.41	30	3	C11
	Rec Field 5	S24	3	2.41	30	3	C12

NOTE

ELECTRICAL CONTRACTOR TO COORDINATE WITH BUILDING ARCHITECT/ENGINEER FOR THE FOLLOWING CIRCUIT BREAKERS IN THE RESTROOM BUILDING MAIN PANEL. CIRCUITS FOR POLES S13 THROUGH S24 WILL FEED RESPECTIVE CONTACTORS IN MUSCO LIGHTING CONTROL PANEL.

POLE S13 - (1) 20A/3P BREAKER
POLE S14 - (1) 20A/3P BREAKER
POLE S15 - (1) 20A/3P BREAKER
POLE S16 - (1) 20A/3P BREAKER
POLE S17 - (1) 20A/3P BREAKER
POLE S18 - (1) 20A/3P BREAKER
POLE S19 - (1) 20A/3P BREAKER
POLE S20 - (1) 20A/3P BREAKER
POLE S21 - (1) 20A/3P BREAKER
POLE S22 - (1) 20A/3P BREAKER
POLE S23 - (1) 20A/3P BREAKER
POLE S24 - (1) 20A/3P BREAKER

5 CIRCUIT BREAKER DATA - PHASE II NTS

Lighting System

Pole/Fixture Summary

Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
S1	70'	70'	5	TLC-LED-1200	5.85 kW	A
S2-S3	70'	70'	4	TLC-LED-1200	4.68 kW	A
		70'	4	TLC-LED-1200	4.68 kW	B
S4	70'	70'	5	TLC-LED-1200	5.85 kW	A
S5-S6	70'	70'	4	TLC-LED-1200	4.68 kW	B
S7	70'	70'	2	TLC-LED-900	1.76 kW	C
		70'	3	TLC-LED-1500	4.23 kW	C
S8	70'	70'	6	TLC-LED-1500	8.46 kW	C
S9-S10	70'	70'	2	TLC-LED-900	1.76 kW	C
		70'	3	TLC-LED-1500	4.23 kW	C
S11	70'	70'	6	TLC-LED-1500	8.46 kW	C
S12	70'	70'	2	TLC-LED-900	1.76 kW	C
		70'	3	TLC-LED-1500	4.23 kW	C
S13-S16	50'	50'	3	TLC-LED-550	1.62 kW	D
S17-S20	50'	50'	3	TLC-LED-550	1.62 kW	E
S21-S24	50'	50'	3	TLC-LED-550	1.62 kW	F
24			**102**		**100.10 kW**	

Circuit Summary

Circuit	Description	Load	Fixture Qty
A	Rec Field 1	21.06 kW	18
B	Rec Field 2	18.72 kW	16
C	Soccer	40.88 kW	32
D	Rec Field 3	6.48 kW	12
E	Rec Field 4	6.48 kW	12
F	Rec Field 5	6.48 kW	12

Fixture Type Summary

Type	Source	Wattage	Lumens	L90	L80	L70	Quantity
TLC-LED-1200	LED 5700K - 75 CRI	1170W	150,000	>120,000	>120,000	>120,000	34
TLC-LED-1500	LED 5700K - 75 CRI	1410W	181,000	>120,000	>120,000	>120,000	24
TLC-LED-550	LED 5700K - 75 CRI	540W	67,000	>120,000	>120,000	>120,000	36
TLC-LED-900	LED 5700K - 75 CRI	880W	104,000	>120,000	>120,000	>120,000	8

Single Luminaire Amperage Draw Chart

Driver Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)						
Single Phase Voltage	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-LED-1500	8.4	7.9	7.3	6.3	5.0	4.6	3.6
TLC-LED-1200	6.9	6.5	6.0	5.2	4.2	3.8	3.0
TLC-LED-900	5.2	4.9	4.5	3.9	3.1	2.9	2.3
TLC-LED-550	3.2	3.0	2.8	2.4	1.9	1.8	1.4

Light Level Summary

Calculation Grid Summary

Grid Name	Calculation Metric	Illumination Ave					Circuits	Fixture Qty
		Ave	Min	Max	Max/Min	Ave/Min		
NCAA Soccer	Horizontal Illuminance	50.79	41	59	1.44	1.25	C	32
Rec Field 1	Horizontal Illuminance	30.79	20	44	2.23	1.57	A	18
Rec Field 2	Horizontal Illuminance	30.64	21	41	1.97	1.49	B	16
Rec Field 3	Horizontal Illuminance	30.99	25	38	1.54	1.24	D	12
Rec Field 4	Horizontal Illuminance	30.99	25	38	1.54	1.24	E	12
Rec Field 5	Horizontal Illuminance	31.46	25	39	1.54	1.24	F	12

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr.

SOUTH SANTA ROSA COUNTY SOCCER COMPLEX

CONTROL SYSTEM SUMMARY TABLES (PHASE II)

Designed by: KWP | Drawn by: D.P. | Reviewed by: | Submitted by: SUBMITTERS NAME MOFFATT & NICHOL | Chkd by: M.W.

Date: FEBRUAR 2023 | M&N Project No. 202000 | Drawing code: | Drawing Scale: Plot scale: 1:1 (D SHEET)

215 FAIRPOINT DRIVE SUITE 5 GULF BREEZE, FL 32561
VOLKERT

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

KENNETH W. POWERS LICENSE No. 78362 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet Reference No.
E-14

File: Z:\Projects\1090100 SANTA ROSA SPORTS PARK\02-Civil\1090100 E01 ELECTRICAL DETAIL.rvt Plotted: 6/11/2025 2:24 PM by BRADYN.LUNA Saved: 4/3/2025 2:46 PM by BRADYN.LUNA

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

1.00 GENERAL NOTES

1.01 THESE DRAWINGS ADDRESS ONLY THE STRUCTURAL DESIGN OF THE STRUCTURE. THE DIMENSIONAL LAYOUT OF THE STRUCTURE HAS BEEN DICTATED TO JOE DEREUIL ASSOCIATES IN ORDER TO PRODUCE STRUCTURAL DESIGN DOCUMENTS. NO REPRESENTATION IS MADE REGARDING CODE CONFORMANCE OF NON-STRUCTURAL ASPECTS OF THE STRUCTURE.

1.02 THESE STRUCTURAL NOTES SHALL BE APPLIED WITH THE TECHNICAL SPECIFICATIONS IN THE SPECIFICATIONS MANUAL. ANY CONFLICTING REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER-OF-RECORD FOR RESOLUTION BEFORE PROCEEDING WITH FABRICATION OR CONSTRUCTION.

1.03 DRAWINGS SHOW TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. FOR DETAILS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS SIMILAR TO THOSE SHOWN.

1.04 THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC., ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PROVIDE ALL TEMPORARY AND PERMANENT TIMBER TRUSS BRACING AS REQUIRED BY BCSI (BUILDING COMPONENT SAFETY INFORMATION, BY TPI AND WTCA).

1.05 COORDINATE STRUCTURAL CONTRACT DOCUMENTS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL. NOTIFY STRUCTURAL ENGINEER OF ANY CONFLICT AND/OR OMISSION. CONTRACTOR SHALL MAKE NO DEVIATION FROM DESIGN DRAWINGS WITHOUT WRITTEN APPROVAL OF THE ARCHITECT. FOR ADDITIONAL OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS, SEE ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS.

1.06 DESIGN CRITERIA:

THE STRUCTURE HAS BEEN DESIGNED UTILIZING THE FOLLOWING REFERENCES:

A. FLORIDA BUILDING CODE, 2020
B. ASCE 7-16, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
C. ACI 302.1 R-15, CONCRETE FLOOR AND SLAB CONSTRUCTION
D. ACI 318-14, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
E. ACI 360 R-10, DESIGN OF SLABS-ON-GROUND
F. NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2018
G. TMS 402/602-16, BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES

1.07 DESIGN LOADS

A. DEAD LOADS:
1. TRUSS TOP CHORD DEAD LOAD: 10 PSF (5 PSF FOR UPLIFT CONDITIONS)
2. TRUSS BOTTOM CHORD DEAD LOAD: 10 PSF (5 PSF FOR UPLIFT CONDITIONS)

B. LIVE LOADS: (MAY BE REDUCED PER CODE)
1. ROOFS: 20 PSF
2. SLAB-ON-GRADE: 150 PSF

C. WIND LOADS - STRUCTURE HAS BEEN DESIGNED TO CONFORM TO THE WIND PROVISIONS OF ASCE 7-16. SEE WIND PRESSURE DIAGRAM & CHART FOR THE FOLLOWING:

1. ULTIMATE WIND SPEED (3-SEC GUST)
2. NOMINAL WIND SPEED (3-SEC GUST)
3. BUILDING RISK CATEGORY
4. WIND EXPOSURE CATEGORY
5. INTERNAL PRESSURE COEFFICIENT
6. COMPONENT & CLADDING WIND PRESSURES

1.08 SHOP DRAWING SUBMITTALS:

A. THE REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS DONE BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER. THE REVIEW BY THE STRUCTURAL ENGINEER IS FOR GENERAL CONFORMANCE ONLY. IF SHOP DRAWINGS HAVE NOT BEEN REVIEWED AND APPROVED BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER, THEY SHALL BE RETURNED WITHOUT APPROVAL.

B. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY AND ALL ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF ALL SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONSTRUCTION DOCUMENTS.

C. ALL MODIFICATIONS MADE FOR SUBMITTALS THAT ARE RE-SUBMITTED SHALL CLEARLY NOTE ALL CHANGES.

D. REPRODUCING THE CONTRACT DOCUMENTS FOR USE AS SHOP DRAWINGS IS NOT ALLOWED, AND SHOP DRAWINGS WILL BE RETURNED WITHOUT APPROVAL.

E. GENERAL SHOP DRAWING REQUIREMENTS:

1. SUBMIT SHOP DRAWINGS AND ANY OTHER SPECIAL INFORMATION NECCESSARY FOR PROPER FABRICATION, ERECTION, AND PLACEMENT OF STRUCTURAL FABRICATIONS. INCLUDE PLANS, ELEVATIONS, AND SECTIONS. CLEARLY SHOW ANCHORAGES, CONNECTIONS, AND ACCESSORY ITEMS. THE DETAILER MUST INTERPRET THE CONTRACT DOCUMENTS AND CLEARLY CONVEY THIS INTERPRETATION TO THE FIELD IN THE FORM OF PLACING OR ERECTION DRAWINGS.

1.09 SHOP DRAWINGS BY SPECIALTY ENGINEER:

A. THE FOLLOWING SYSTEMS AND COMPONENTS AS A MINIMUM REQUIRE SPECIALTY ENGINEERED ERECTION AND FABRICATION DRAWINGS WITH INPUT BY A SPECIALTY ENGINEER, BUT ARE NOT LIMITED TO: WINDOW SYSTEMS, DOOR SYSTEMS, AND ROOF TRUSSES.
B. THE SPECIALTY ENGINEER OR SUPPLIER SHALL DESIGN AND INSTALL THEIR COMPLETED SYSTEM IN ITS ENTIRETY TO THE PRIMARY STRUCTURE PER THE CRITERIA NOTED ON THESE CONSTRUCTION DOCUMENTS. THE SPECIALTY ENGINEER SHALL ADHERE TO ALL REQUIREMENTS OF THE APPLICABLE BUILDING CODE OR THESE NOTES, WHICHEVER IS MORE STRINGENT.
C. SHOP DRAWINGS SHALL BE PROVIDED TO THE ARCHITECT/E.O.R. AND CALCULATIONS SHALL REQUIRE THE SEAL, DATE, AND SIGNATURE OF THE SPECIALTY ENGINEER REGISTERED IN THE PROJECT STATE.

2.00 FOUNDATIONS AND SLAB-ON-GRADE

2.01 THE DESIGN OF FOUNDATIONS AND SLAB ON GRADE IS BASED ON THE CRITERIA ESTABLISHED IN THE GEOTECHNICAL REPORT BY TIERRA ENGINEERING, PENSACOLA, FL; PROJECT #4511-20-031, DATED APRIL 14, 2021. THE RECOMMENDATIONS OF THAT REPORT SHALL BE CONSIDERED AN INTEGRAL PART OF THE CONTRACT DOCUMENTS.

2.02 SHALLOW FOUNDATIONS HAVE BEEN DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 1500 PSF.

2.03 A QUALIFIED GEOTECHNICAL ENGINEER SHALL VERIFY CONDITION AND/OR ADEQUACY OF ALL SUBGRADES, FILLS AND BACKFILLS BEFORE PLACEMENT OF FOUNDATIONS, FOOTINGS, SLABS, WALLS, FILLS, BACKFILLS, ETC. SHOULD THE CONTRACTOR FIND UNDESIRABLE SOILS, HE SHALL STOP WORK AND IMMEDIATELY CONTACT THE ENGINEER OF RECORD. ALL FOOTINGS SHALL REST EITHER ON UNDISTURBED SOIL OR A MANUALLY OPERATED VIBRATORY SLED OR TAMPER SHOULD BE USED TO DENSIFY ANY SOILS IN THE BOTTOM OF THE FOOTING TRENCHES LOOSENED DURING THE EXCAVATION OPERATION.

2.04 SIDES OF FOUNDATIONS SHALL BE FORMED UNLESS CONDITIONS PERMIT EARTH FORMING. FOUNDATIONS POURED AGAINST THE EARTH REQUIRE THE FOLLOWING PRECAUTIONS: SLOPE SIDES OF EXCAVATIONS AS APPROVED BY GEOTECHNICAL ENGINEER AND CLEAN UP SLOUGHING BEFORE AND DURING CONCRETE PLACEMENT.

2.05 CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY PROTECTING ALL EXCAVATION SLOPES.

2.06 DEWATER TO AT LEAST TWO FEET BELOW BOTTOM OF LOWEST FOUNDATION IF GROUNDWATER IS ENCOUNTERED, UNLESS ANOTHER METHOD HAS BEEN APPROVED BY THE GEOTECHNICAL ENGINEER OF RECORD FOR THIS PROJECT.

2.07 SLAB-ON-GRADE REQUIREMENTS:

A. UNLESS NOTED OTHERWISE, THE SLAB-ON-GRADE SHALL BE A MINIMUM OF :

4 INCHES THICK, PLACED ON COMPACTED SUBGRADE, AND REINFORCED WITH 6x6 W2.0xW2.0 WWF IN FLAT SHEETS (ROLLS ARE NOT PERMITTED). PROVIDE POSITIVE SUPPORT 2" CLEAR FROM BOTTOM OF SLAB. LAP MESH 12".

B. PLACE CONTRACTION OR CONSTRUCTION JOINTS AT LOCATIONS INDICATED BY "S.C.J." SAWCUT CONTROL JOINTS AS SOON AFTER POURING AS POSSIBLE, WHEN CONCRETE WILL NOT RAVEL; 12 HRS. MAX. CURE CONCRETE IN ACCORDANCE WITH ACI 301. BEGIN CURING IMMEDIATELY AFTER POURING TO LIMIT CRACKING PRIOR TO SAWCUTTING CONTROL JOINTS.

C. SUBGRADE SHALL BE PREPARED AS RECOMMENDED IN THE GEOTECHNICAL REPORT.

D. VAPOR RETARDER SHALL CONFORM TO ASTM E1745, CLASS A, 15 MIL MINIMUM THICKNESS. THE VAPOR RETARDER SHOULD BE PLACED OVER THE PREPARED SUBGRADE. VAPOR RETARDER SHOULD BE OVERLAPPED 8 IN. AND TAPED AT THE JOINTS AND CAREFULLY FITTED AROUND SERVICE OPENINGS.

3.00 REINFORCED CONCRETE

3.01 ALL CONCRETE WORK SHALL CONFORM TO ACI 301-16, SPECIFICATIONS FOR STRUCTURAL CONCRETE. DESIGN IS BASED ON ACI 318-14, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE. DETAIL CONCRETE REINFORCEMENT AND ACCESSORIES IN ACCORDANCE WITH ACI 315R-18, GUIDE TO PRESENTING REINFORCING STEEL DESIGN DETAILS. SUBMIT SHOP DRAWINGS FOR APPROVAL, SHOWING ALL FABRICATION DIMENSIONS AND LOCATIONS FOR PLACING REINFORCING STEEL AND ACCESSORIES. DO NOT BEGIN FABRICATION UNTIL SHOP DRAWINGS ARE COMPLETED AND REVIEWED.

3.02 UNLESS NOTED OTHERWISE, ALL CONCRETE SHALL BE NORMAL WEIGHT AND HAVE THE FOLLOWING MINIMUM 28 DAY COMPRESSIVE STRENGTHS (Fc'), WATER TO CEMENTITIOUS CONTENT (W/CM) AND AIR CONTENT ACCORDING TO EXPOSURE CLASS (EC):

	Fc'	MAX. W/CM	AIR CONTENT
A. FOUNDATIONS (EC)-F0, S0, W0, C0)	3500 PSI	0.50	N/A
B. SLAB-ON-GRADE – INTERIOR (EC-F0, S0, W0, C0)	3500 PSI	0.50	N/A

CONCRETE MAY CONTAIN A PROPERLY DESIGNED SUPERPLASTICIZER FOR WORKABILITY.

3.03 REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60 UNLESS NOTED OTHERWISE.

3.04 REASONABLE MEASURES HAVE BEEN TAKEN TO MITIGATE SHRINKAGE CRACKING THROUGH THE USE OF JUDICIOUS DETAILING AND REINFORCING. HOWEVER SOME VISIBLE CRACKING IS TO BE EXPECTED AS A RESULT OF CONCRETE SHRINKAGE RESTRAINT. FURTHER MEASURES COULD BE TAKEN TO ELIMINATE ALL VISIBLE CRACKING, BUT THESE WOULD COME AT A COST IN THE FORM OF ADDITIONAL REINFORCING. ANY CRACKING THAT DOES OCCUR SHALL BE REPAIRED WITH APPROPRIATE PROCEDURES.

3.05 THE PROPOSED MATERIALS AND MIX DESIGN SHALL BE FULLY DOCUMENTED AND REVIEWED BY THE OWNER'S TESTING LABORATORY. RESPONSIBILITY FOR OBTAINING THE REQUIRED DESIGN STRENGTH IS THE CONTRACTOR'S.

3.06 USE OF CALCIUM CHLORIDE, CHLORIDE IONS, OR OTHER SALTS IN CONCRETE IS NOT PERMITTED.

PERMIT SET
ISSUED: 2022-11-22
NOT ISSUED FOR CONSTRUCTION

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SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr.

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

GENERAL NOTES

Designed by: Designer	Drawn by: Author	Reviewed by: LJD	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2022-11-22	Job by: Checker	M&N Project No. 202000	Drawing code:
Rev.			Drawing Scale: Plot scale: 1:1 (D SHEET)

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SEAL

Sheet Reference No.
S-001

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

3.07 TIE ALL REINFORCING STEEL AND EMBEDMENTS SECURELY IN PLACE PRIOR TO PLACING CONCRETE. PROVIDE SUFFICIENT SUPPORTS TO MAINTAIN THE POSITION OF REINFORCEMENT WITHIN SPECIFIED TOLERANCE DURING ALL CONSTRUCTION ACTIVITIES. "STICKING" DOWELS INTO WET CONCRETE IS NOT PERMITTED.

3.08 PROVIDE CONTINUOUS REINFORCEMENT WHEREVER POSSIBLE; SPLICE ONLY AS SHOWN OR APPROVED; STAGGER SPLICE WHERE POSSIBLE; USE FULL TENSION SPLICE (CLASS "B") UNLESS NOTED OTHERWISE. DOWELS SHALL MATCH THE SIZE AND SPACING OF THE SPECIFIED REINFORCEMENT AND SHALL BE LAPPED WITH FULL TENSION SPLICES (CLASS "B") UNLESS NOTED OTHERWISE. PROVIDE CLASS B LAP SPLICE CORNER BARS AT ALL CORNERS AND INTERSECTIONS OF BEAMS AND FOUNDATIONS.

3.09 REINFORCING STEEL SHALL HAVE THE FOLLOWING CONCRETE COVER UNLESS NOTED OTHERWISE (PER ACI 318-14 TABLE 20.6.1.3.1):

A. CONCRETE AGAINST EARTH (NOT FORMED): 3"

B. FORMED CONCRETE EXPOSED TO THE EARTH OR WEATHER:
1. #6 THROUGH #18 BARS: 2"
2. #5 BARS AND SMALLER: 1-1/2"

C. CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
1. SLABS AND WALLS: 3/4"
2. BEAMS (STIRRUPS) AND COLUMNS (TIES): 1-1/2"

3.10 DO NOT PLACE DUCTS EXCEEDING ONE-THIRD THE SLAB OR WALL THICKNESS WITHIN THE SLAB OR WALL UNLESS SPECIFICALLY SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.

3.11 DO NOT WELD OR TACK WELD REINFORCING STEEL UNLESS APPROVED OR DIRECTED BY THE STRUCTURAL ENGINEER.

3.12 SHORING SHALL REMAIN IN PLACE UNTIL CONCRETE HAS ATTAINED 75% OF ITS 28-DAY STRENGTH.

3.13 THE LICENSED DESIGN PROFESSIONAL, A PERSON UNDER THE SUPERVISION OF A LICENSED DESIGN PROFESSIONAL, OR A QUALIFIED INSPECTOR SHALL VERIFY COMPLIANCE WITH CONSTRUCTION DOCUMENTS. (ACI 318-14 PAR. 26.13.1.3)

4.00 MASONRY

4.01 CONCRETE MASONRY DESIGN, CONSTRUCTION AND TESTING SHALL CONFORM TO TMS 402/602-16, BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES.

4.02 PROVIDE LIGHTWEIGHT, HOLLOW, LOAD-BEARING CONCRETE MASONRY UNITS (CMU) CONFORMING TO ASTM C90, UNLESS NOTED OTHERWISE.

4.03 PROVIDE MASONRY CONSTRUCTION WITH MINIMUM COMPRESSIVE STRENGTH, f'm = 2,000 PSI.

4.04 PROVIDE TYPE "M" OR "S" MORTAR IN ACCORDANCE WITH ASTM C270 BY PROPORTION REQUIREMENTS, UNLESS NOTED OTHERWISE.

4.05 VERTICAL CELLS SHALL BE REINFORCED WITH #5 BARS AT 48" O.C. MINIMUM, UNLESS NOTED OTHERWISE (U.N.O.) IN THE CONTRACT DRAWINGS. VERTICAL REINFORCING SHALL BE CONTINUOUS (LAPPED 48 BAR DIAMETERS MINIMUM AT SPLICES, U.N.O.) AND HELD IN POSITION AT THE TOP AND BOTTOM OF THE GROUT POUR. U.N.O., POSITION VERTICAL REINFORCING IN THE CENTER OF THE CELL. REFER TO SECTIONS AND DETAILS FOR ADDITIONAL REINFORCING.

4.06 PROVIDE GROUT FOR REINFORCED MASONRY IN ACCORDANCE WITH ASTM C476. GROUT SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,500 PSI UNLESS NOTED OTHERWISE. GROUT SHALL BE FLUID CONSISTENCY. FLUID CONSISTENCY SHALL MEAN THAT CONSISTENCY IS AS FLUID AS POSSIBLE FOR POURING WITHOUT SEGREGATION OF THE CONSTITUENT PARTS. FILL ALL CELLS BELOW GRADE WITH GROUT. ALL GROUT SHALL BE CONSOLIDATED AT THE TIME OF POURING BY VIBRATING AND THEN RECONSOLIDATED BY AGAIN PUDDLING LATER, BEFORE PLASTICITY IS LOST. WHEN GROUTING IS STOPPED FOR ONE HOUR OR LONGER, CONSTRUCTION JOINTS SHALL BE FORMED BY STOPPING THE POUR OF THE GROUT 1-1/2 INCHES BELOW THE TOP OF THE UPPERMOST UNIT.

4.07 PROVIDE HORIZONTAL JOINT REINFORCEMENT COMPLYING WITH ASTM A82, NO. 9 GAUGE OR HEAVIER, ZINC COATED, PLACED 16 INCHES ON CENTER UNLESS NOTED OTHERWISE.

4.08 PROVIDE RUNNING BONDS WITH VERTICAL JOINTS LOCATED AT CENTER OF MASONRY UNITS IN THE ALTERNATE COURSE BELOW, UNLESS NOTED OTHERWISE.

4.09 ALL MASONRY UNITS SHALL BE FREE OF EXCESSIVE DUST AND DIRT AT THE TIME THEY ARE LAYED BY THE MASON.

4.10 ALL REINFORCED HOLLOW UNIT MASONRY SHALL BE BUILT TO PRESERVE THE UNOBSTRUCTED VERTICAL CONTINUITY OF THE CELLS TO BE FILLED. WALLS AND CROSS WEBS IN ALL REINFORCED MASONRY WALLS SHALL BE FULLY BEDDED IN MORTAR. ALL HEAD (OR END) JOINTS SHALL BE SOLIDLY FILLED WITH MORTAR FOR A DISTANCE IN FROM EACH FACE OF THE UNIT NOT LESS THAN THE THICKNESS OF THE LONGITUDINAL FACE SHELLS, BOND SHALL BE PROVIDED BY LAPPING UNITS IN SUCCESSIVE VERTICAL COURSES.

4.11 PROVIDE VERTICAL CONTROL JOINTS WHERE SHOWN ON THE CONTRACT DRAWINGS.

4.12 SAMPLE AND TEST MASONRY MATERIAL IN ACCORDANCE WITH TMS 602-16, TABLE 3, QUALITY ASSURANCE LEVEL 2.

4.13 INSPECT MASONRY CONSTRUCTION IN ACCORDANCE WITH TMS 602-16, TABLE 4, QUALITY ASSURANCE LEVEL 2.

5.00 STRUCTURAL TIMBER:

5.01 MATERIALS:

A. SUBMIT THE FOLLOWING PRODUCT DATA TO ENGINEER FOR REVIEW:
1. STAINLESS STEEL NAILS USED TO FASTEN SHEATHING – SIZE & DIA.
2. LVL BEAMS - DESIGN STRENGTH AND MODULUS OF ELASTICITY.
3. STAINLESS STEEL TRUSS TO PLATE CONNECTORS – DESIGN STRENGTH (GRAVITY AND WIND LOADS)

B. WHERE NOTED, "LVL" REFERS TO LAMINATED VENEER LUMBER
1. MINIMUM LVL DESIGN PROPERTIES SHALL BE:
A. Fb >/= 2800 PSI
B. MODULUS OF ELASTICITY (E) = 2.2 KSI

C. ALL TIMBER: KILN DRIED NO. 2 SOUTHERN PINE OR BETTER,

D. ALL TIMBER, EXPOSED TO WEATHER OR IN DIRECT CONTRACT WITH CMU OR CONCRETE SHALL BE PRESSURE TREATED.

E. ALL METAL BASE PLATES, CAPS, BRACKETS, HANGERS AND BOLTS SHALL BE STAINLESS STEEL.

F. ALL TIMBER CONNECTORS INDICATED ARE SIMPSON FASTENERS. EQUIVALENT FASTENERS BY OTHER MANUFACTURERS MAY BE SUBMITTED FOR REVIEW. ALL HOLES IN CONNECTORS SHALL BE FILLED WITH THE RECOMMENDED NUMBER OF FASTENERS. WHEN MULTIPLE CONNECTORS ARE USED, THEY MUST BE INSTALLED SO FASTENER LOCATIONS DO NOT OVERLAP. INSTALL ALL SPECIFIED FASTENERS BEFORE LOADING THE CONNECTION.

G. ALL NAILS ON PROJECT SHALL BE TYPE 304 OR 316 STAINLESS STEEL.

5.02 ALL BOLTS INCLUDING EMBEDDED ANCHOR BOLTS IN GROUT FILLED MASONRY SHALL BE TYPE 304 OR TYPE 316 STAINLESS STEEL HEADED BOLTS.

5.03 FRAMING NOTES:
A. TOP PLATES SHALL BE DOUBLE AND LAP SPLICED 4'-0" WITH 9-16 D NAILS.

B. ROOF DECKING SHALL BE 5/8" NOMINAL PLYWOOD. USE 10D TYPE 304 OR 316 STAINLESS STEEL COMMON NAILS, MINIMUM 2 1/2" IN LENGTH. USE NAIL SPACING OF 4" AT PANEL EDGES AND 6" IN THE FIELD OF THE PANELS.

C. ALL CONNECTIONS NOT SPECIFICALLY DETAILED SHALL BE IN ACCORDANCE WITH THE FASTENING SCHEDULE IN THE FLORIDA BUILDING CODE, TABLE 2304.10.1.

5.04 BOLT HOLES SHALL BE AT LEAST A MINIMUM OF 1/32" AND NO MORE THAN A MAXIMUM OF 1/16" LARGER THAN THE BOLT DIAMETER.

5.05 A FASTENER THAT SPLITS THE WOOD WILL NOT TAKE THE DESIGN LOAD. EVALUATE SPLITS TO DETERMINE IF THE CONNECTION WILL PERFORM AS REQUIRED. DRY WOOD MAY SPLIT MORE EASILY AND SHOULD BE EVALUATED AS REQUIRED. IF WOOD TENDS TO SPLIT, CONSIDER PRE-BORING HOLES WITH DIAMETERS NOT EXCEEDING 0.75 OF THE FASTENER DIAMETER.

5.06 WOOD SHRINKS AND EXPANDS AS IT LOSES AND GAINS MOISTURE, PARTICULARLY PERPENDICULAR TO GRAIN. TAKE WOOD SHRINKAGE AND EXPANSION INTO ACCOUNT WHEN INSTALLING CONNECTION. ALL FASTENERS HAVE BEEN DESIGNED USING DRY LUMBER DIMENSIONS.

5.07 SET ROUGH CARPENTRY TO REQUIRED LEVELS AND LINES, WITH MEMBERS PLUMB, TRUE TO LINE, CUT, AND FITTED. FIT ROUGH CARPENTRY TO OTHER CONSTRUCTION; SCRIBE AND COPE AS NEEDED FOR ACCURATE FIT. LOCATE NAILERS, BLOCKING, AND SIMILAR SUPPORTS TO COMPLY WITH REQUIREMENTS FOR ATTACHING OTHER CONSTRUCTION.

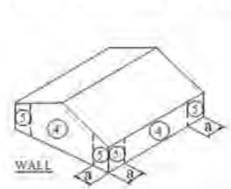
5.08 DO NOT SPLICE STRUCTURAL MEMBERS BETWEEN SUPPORTS, UNLESS OTHERWISE INDICATED.

5.09 SORT AND SELECT LUMBER SO THAT NATURAL CHARACTERISTICS WILL NOT INTERFERE WITH INSTALLATION OR WITH FASTENING OTHER MATERIALS TO LUMBER. DO NOT USE MATERIALS WITH DEFECTS THAT INTERFERE WITH FUNCTION OF MEMBER OR PIECES THAT ARE TOO SMALL TO USE WITH MINIMUM NUMBER OF JOINTS OR OPTIMUM JOINT ARRANGEMENT.

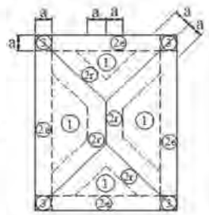
Florida Building Code 2020 / ASCE 7-16 Wind Load Design Data

Wind Design Data:

Ultimate Design Wind Speed	150 mph
Nominal Design Wind Speed	116.19 mph
Risk Category	II
Mean Roof Ht (h)	16.0 ft
Exposure Category	C
Enclosure Classif.	Enclosed Building
Internal pressure Coef.	+/-0.18
Directionality (Kd)	0.85



Walls h ≤ 60'
& alt design h<90'



Hip 7° < θ ≤ 27°
Roof Zone Diagram

Wind Loads - Components & Cladding : h ≤ 60'

Kh (case 2) =	0.86	h =	16.0 ft
Base pressure (qh) =	**42.1 psf**	a =	4.5 ft
Minimum parapet ht =	0.0 ft	GCpi =	+/-0.18
Roof Angle (θ) =	22.6 deg	qi = qh =	42.1 psf
Type of roof = Hip			

Roof

	GCp +/- Gcpi				Surface Pressure (psf)			
Area	7 sf	10 sf	100 sf	200 sf	7 sf	10 sf	100 sf	200 sf
Negative Zone 1	-1.58	-1.58	-0.98	-0.98	-66.6	-66.6	-41.3	-41.3
Negative Zone 2e & 2r	-2.18	-2.18	-1.41	-1.18	-91.8	-91.8	-59.5	-49.7
Negative Zone 3	-2.18	-2.18	-1.41	-1.18	-91.8	-91.8	-59.5	-49.7
Positive All Zones	0.88	0.88	0.48	0.48	37.1	37.1	20.2	20.2
Overhang Zone 1	-1.9	-1.9	-1.8	-1.8	-80.0	-80.0	-75.8	-75.8
Overhang Zone 2e & 2r	-2.5	-2.5	-2.12	-2	-105.3	-105.3	-89.1	-84.3
Overhang Zone 3	-3.1	-3.1	-1.87	-1.5	-130.6	-130.6	-78.8	-63.2

Overhang pressures in the table above assume an internal pressure coefficient (Gcpi) of 0.0
Overhang soffit pressure equals adj wall pressure (which includes internal pressure of 7.6 psf)

Walls

	GCp +/- GCpi				Surface Pressure at h			
Area	10 sf	100 sf	200 sf	500 sf	10 sf	100 sf	200 sf	500 sf
Negative Zone 4	-1.28	-1.10	-1.05	-0.98	-53.9	-46.5	-44.2	-41.3
Negative Zone 5	-1.58	-1.23	-1.12	-0.98	-66.6	-51.7	-47.2	-41.3
Positive Zone 4 & 5	1.18	1.00	0.95	0.88	49.7	42.3	40.0	37.1

PERMIT SET
ISSUED: 2022-11-22
NOT ISSUED FOR CONSTRUCTION

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SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr.

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

GENERAL NOTES AND WIND INFORMATION

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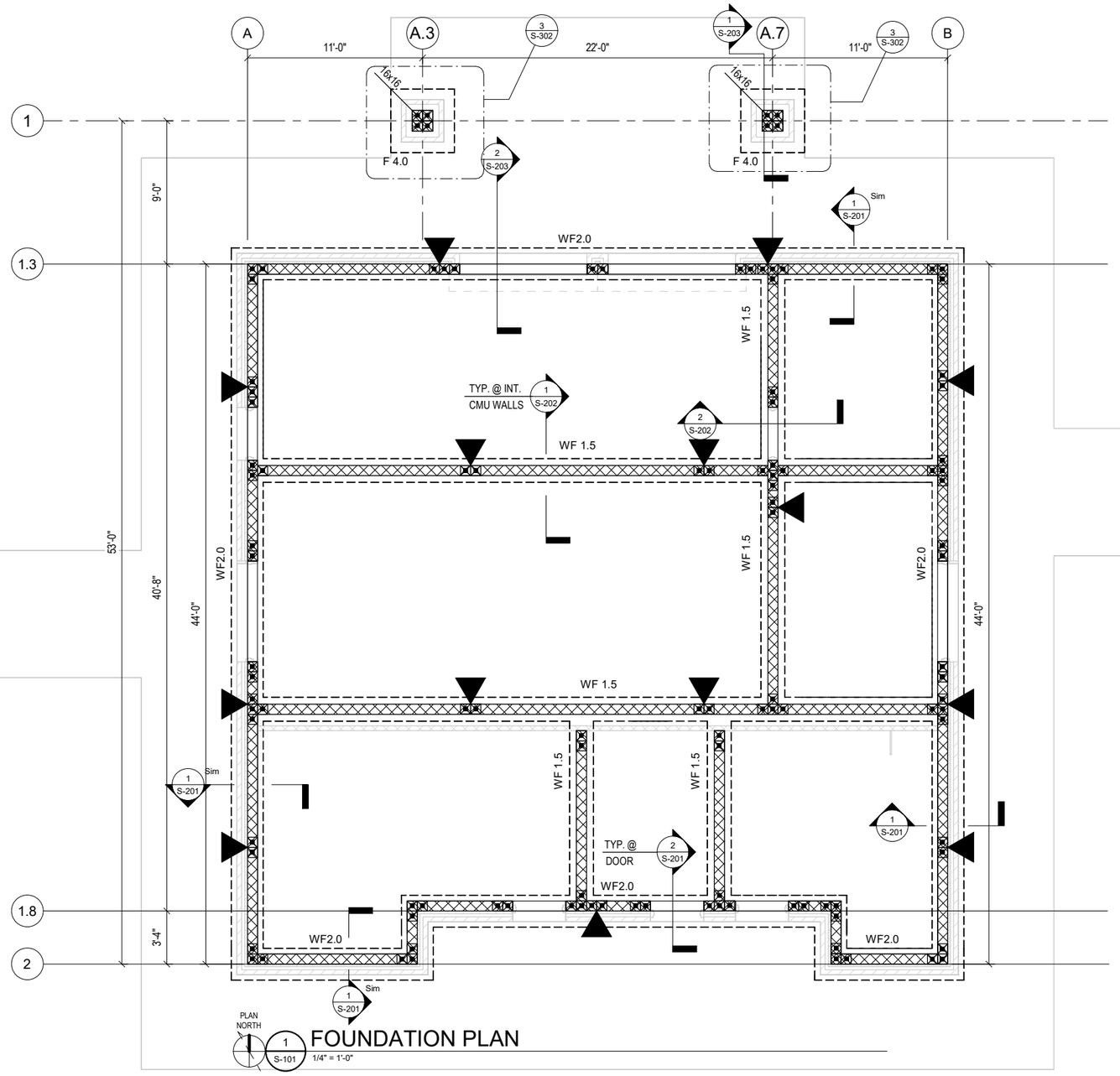
LOUIS JOSEPH DEREUIL CERTIFICATE No. 54319 STATE OF FLORIDA REGISTERED ENGINEER
SEAL

Designed by: Designer	Rev.
Date: 2022-11-22	M&N Project No. 202000
Drawn by: Author	Cad by: Checker
Reviewed by: LJD	Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (D SHEET)

Sheet Reference No.
S-002

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



FOUNDATION PLAN

LEGEND

▨	=	8" NOMINAL CMU WALL. UNLESS NOTED OTHERWISE (U.N.O.), WALL SHALL BE REINFORCED WITH #5 VERTICAL REINFORCING AT 48" ON CENTER IN CENTER OF GROUT FILLED CELLS. PROVIDE HORIZONTAL JOINT REINFORCING AND ADDITIONAL VERTICAL REINFORCING AS OUTLINED IN THE GENERAL NOTES, TYPICAL DETAILS AND SECTIONS IN THESE DRAWINGS.
▣	=	ADDITIONAL GROUT FILLED AND REINFORCED CELL IN ADDITION TO TYPICAL REINFORCING. PROVIDE BAR SIZE TO MATCH WALL REINF.
▨	=	VERTICAL MASONRY CONTROL JOINT LOCATION; SEE TYPICAL DETAILS ON 5/S-302
16x16	=	16" X 16" CMU COLUMN; REFER TO DETAIL 3/S-302

FOUNDATION SCHEDULE

FOOTING TYPE	LENGTH	WIDTH	THICKNESS	TOP REINFORCING	BOTTOM REINFORCING
F 4.0	4' - 0"	4' - 0"	12"	N/A	(5) #5 BARS BOTH WAYS @ 10" O.C.
WF2.0	SEE PLAN	2' - 0"	12"	N/A	(3) #5 BARS CONT. W/ #5 TRANSVERSE @ 36" O.C.
WF 1.5	SEE PLAN	1' - 6"	12"	N/A	(2) #5 BARS CONT. W/ #5 TRANSVERSE @ 48" O.C.

PERMIT SET
ISSUED: 2022-11-22
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SANTA ROSA COUNTY FLORIDA IN GOD WE TRUST

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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

FOUNDATION PLAN

BTA Bullock Tice Associates
909 East Cervantes
Pensacola, FL 32501
AAC000174
www.bullocktice.com
Fax: 850.432.5208
Phone: 850.434.5444

5075 GULF BREEZE PKWY.
GULF BREEZE, FL 32563
SANTA ROSA COUNTY

Designed by: JFB	Date: 2022-11-22		Rev.
Dwn by: JFB	Ckd by: BJB	M&N Project No. 202000	
Reviewed by: LJD	Drawing code:		
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale:	1:1 (D SHEET)	

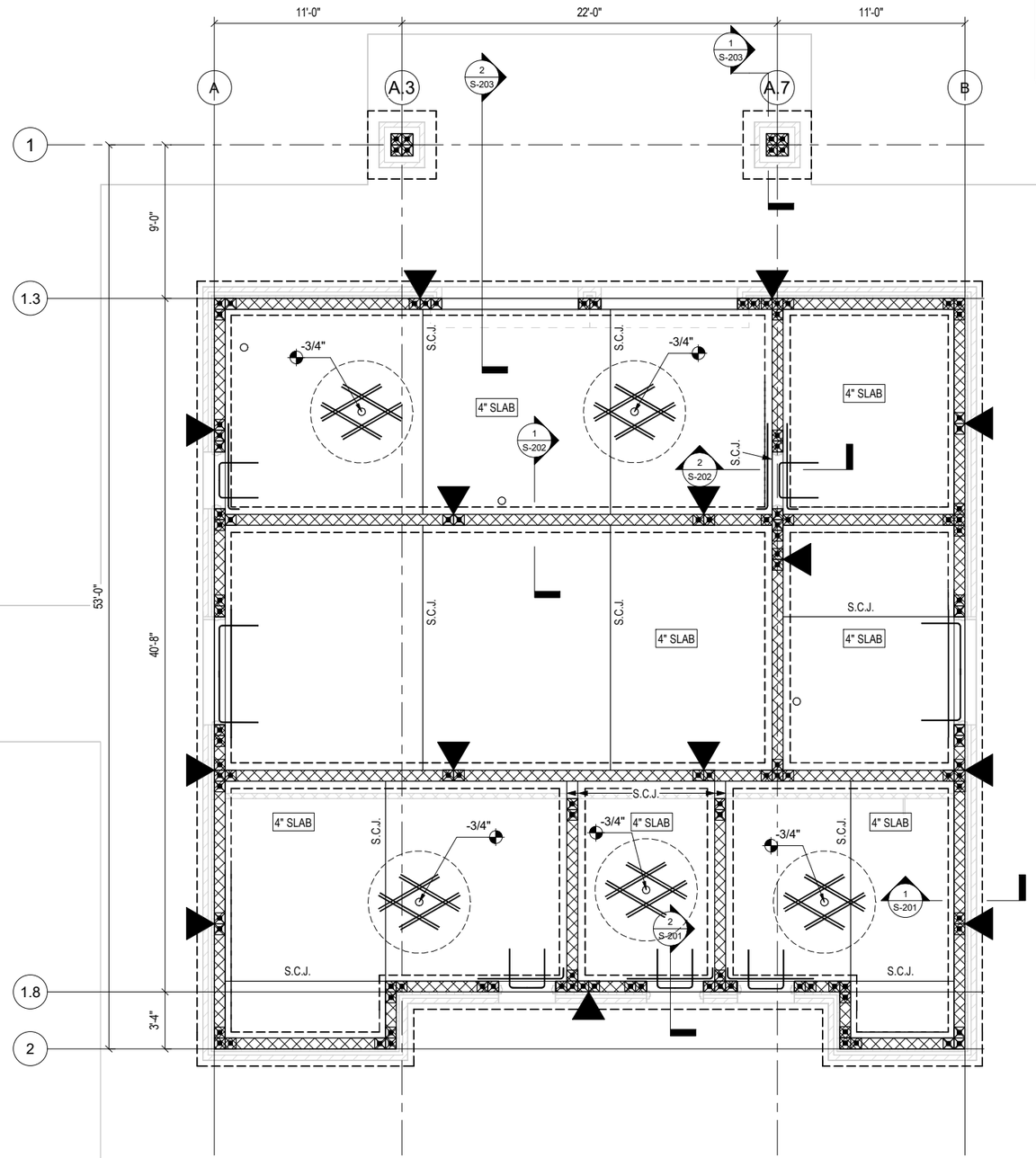
LOUIS JOSEPH DEREUIL CERTIFICATE No. 54319 STATE OF FLORIDA REGISTERED ENGINEER
SEAL

Sheet Reference No.
S-101

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

JDA JOE DEREUIL ASSOCIATES, LLC
STRUCTURAL ENGINEERS
STATE OF FLORIDA
P.E. NO. 54319 / C.A. NO. 9515
301 West Cervantes St. Tel. 850.429.1951
Pensacola, FL 32501 JDA JOB #: 21185



LEGEND

	=	8" NOMINAL CMU WALL. UNLESS NOTED OTHERWISE (U.N.O.), WALL SHALL BE REINFORCED WITH #5 VERTICAL REINFORCING AT 48" ON CENTER IN CENTER OF GROUT FILLED CELLS. PROVIDE HORIZONTAL JOINT REINFORCING AND ADDITIONAL VERTICAL REINFORCING AS OUTLINED IN THE GENERAL NOTES, TYPICAL DETAILS AND SECTIONS IN THESE DRAWINGS.
	=	ADDITIONAL GROUT FILLED AND REINFORCED CELL IN ADDITION TO TYPICAL REINFORCING. PROVIDE BAR SIZE TO MATCH WALL REINF.
	=	VERTICAL MASONRY CONTROL JOINT LOCATION; SEE TYPICAL DETAILS ON 5/S-302
S.C.J.	=	SAWN CONTRACTION JOINT OR CONSTRUCTION JOINT; CONTRACTOR'S OPTION U.N.O. PLACE S.C.J. AS SCHEMATICALLY SHOWN
	=	(2) #4 x 4'-0" ADDITIONAL REINF. AROUND FLOOR DRAINS; PROVIDE AS SHOWN ON PLAN
4" SLAB	=	4" MINIMUM THICKNESS SLAB-ON-GRADE REINFORCED WITH WWF 6x6 W2.0xW2.0 WITH 2" CLR. POSITIVE SUPPORT FROM BOTTOM OF SLAB. SLAB SHALL BE PLACED OVER A VAPOR BARRIER AND CAPILLARY BREAK AS INDICATED IN THE GENERAL NOTES SECTION 2.08 ON SHEET S-001.
	=	ADDITIONAL SLAB REINFORCING AT OPENINGS; SEE DETAIL 1/S302
	=	FLR DRAIN; COORDINATE WITH ARCH. FOR LOCATIONS
	=	FLR DRAIN, WITH 1/4"/12" SLOPE BEGINNING 3'-0" O.C. FROM DRAIN;

PLAN NORTH

1 S-102 **SLAB-ON-GRADE PLAN**

1/4" = 1'-0"

T.O.SLAB REF. ELEV: 0'-0" U.N.O.; REF. EL: 0'-0" = SEE CIVIL

PERMIT SET
ISSUED: 2022-11-22
NOT ISSUED FOR CONSTRUCTION

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr.

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

SLAB-ON-GRADE PLAN

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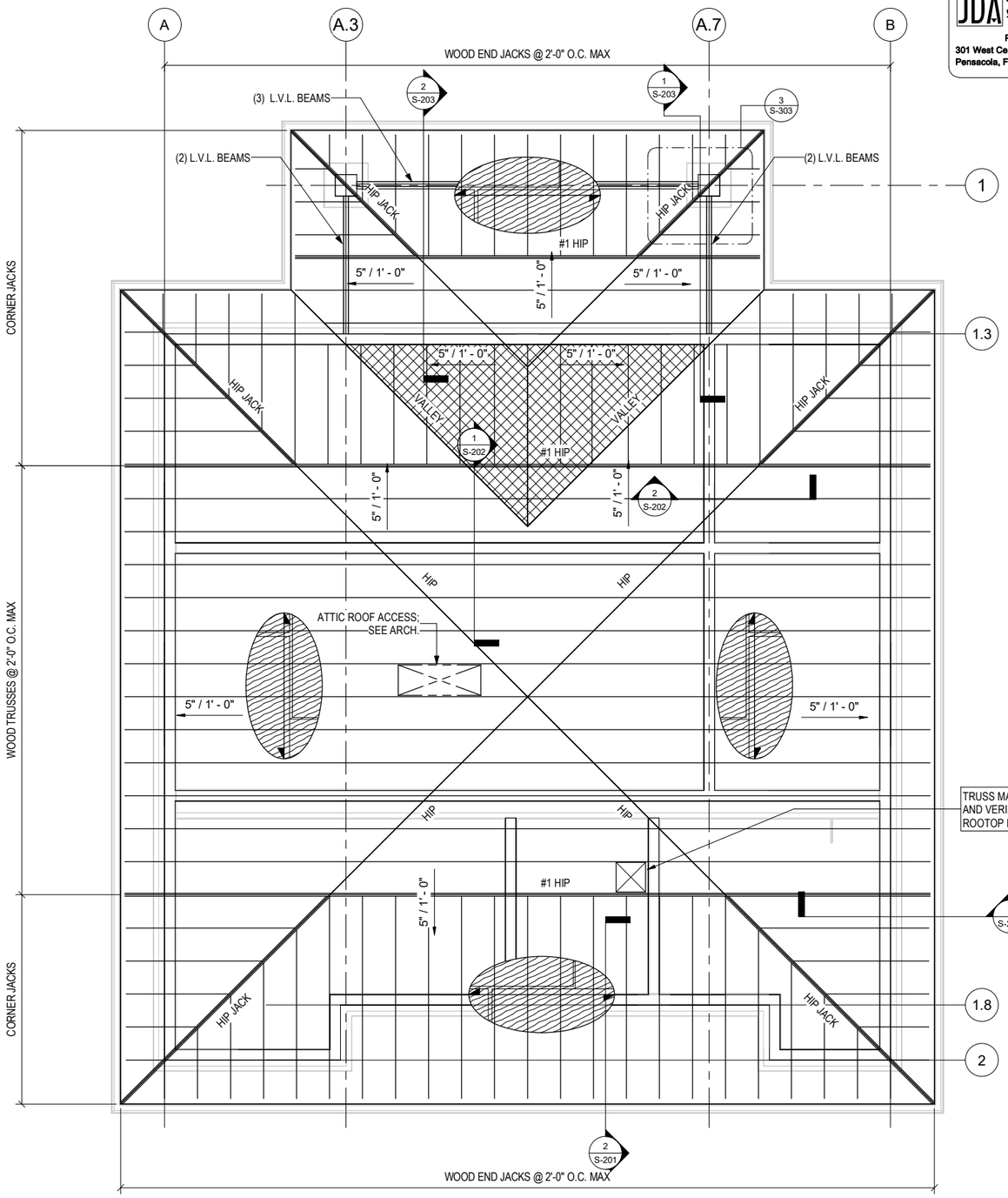
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ROOF FRAMING PLAN

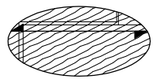


PLAN NORTH
1 S-103
ROOF FRAMING PLAN
1/4" = 1'-0"

ROOF FRAMING PLAN NOTES & LEGEND

LEGEND:

L.V.L. BEAMS = 1 3/4" X 11 7/8" LVL BEAMS. QUANTITY AT EACH LOCATION REPRESENTED BY (X) LVL BEAMS



= 19/32" THICK APA SPAN RATED PLYWOOD ROOF SHEATHING, ANCHOR TO TRUSSES PER GENERAL NOTES

TIMBER ROOF TRUSS MFR. NOTES:

1. PROVIDE TRUSSES AT 2'-0" O.C. MAX SPACING. DESIGN TRUSSES TO RESIST ALL LOADS AS DEFINED IN THE GENERAL NOTES ON SHEET S-001
2. PROVIDE 2x4 BLOCKING AT ALL RIDGE AND HIP LOCATIONS.
3. DESIGN AND DETAIL ALL TEMPORARY AND PERMANENT TRUSS BRACING BLOCKING AND BRIDGING.
4. PROVIDE ALL TRUSS TO TRUSS CONNECTIONS AND THEIR REQUIRED CONNECTORS.
5. PROVIDE 2X4 MINIMUM TRUSS TOP CHORD
6. TRUSS DESIGN AND SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY A REGISTERED STRUCTURAL ENGINEER IN THE STATE OF FLORIDA
7. INTERIOR WALLS ARE NON-LOAD BEARING

TRUSS TO WALL ATTACHMENT SCHEDULE

TRUSS MARK	SIMPSON CONNECTOR**
TYPICAL TRUSS	(1) H1 & (1) H2.5A
CORNER JACK TO WALL & LVL BEAMS	(1) H1 & (1) H2.5A
END JACK TO WALL & LVL BEAMS	(1) H1 & (1) H2.5A
HIP JACK***	(1) HCP & (1) H2.5A
#1 HIP TO LVL BEAMS	(1) H1 & (1) H2.5A
#1 HIP TO CMU WALL	MGT****

** ALL TIMBER CONNECTORS INDICATED ARE SIMPSON FASTENERS. EQUIVALENT FASTENERS BY OTHER MANUFACTURERS MAY BE SUBMITTED FOR REVIEW. ALL HOLES IN CONNECTORS SHALL BE FILLED WITH THE RECOMMENDED SIZE AND NUMBER OF FASTENERS. WHEN MULTIPLE CONNECTORS ARE USED, THEY MUST BE INSTALLED SO FASTENER LOCATIONS TO DO NOT OVERLAP. INSTALL ALL SPECIFIED FASTENERS BEFORE LOADING THE CONNECTION.

-H1/HCP CONNECTORS ARE TO BE INSTALLED ON OUTSIDE FACE OF WALL & LVL BEAMS
-H2.5A CONNECTORS ARE TO BE INSTALLED ON INSIDE FACE OF WALL & LVL BEAMS

*** FOR (2) TOP PLATE TO CMU PILASTER CONNECTION (**HIP JACK BYPASSES ABOVE**), REFER TO 2/S-303

**** MGT CONNECTORS TO BE INSTALLED WITH SET-XP ANCHORING ADHESIVE ANCHORAGE WITH A MINIMUM EMBEDMENT DEPTH OF 12".

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Rev.	
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M&N Project No.	202000
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Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL

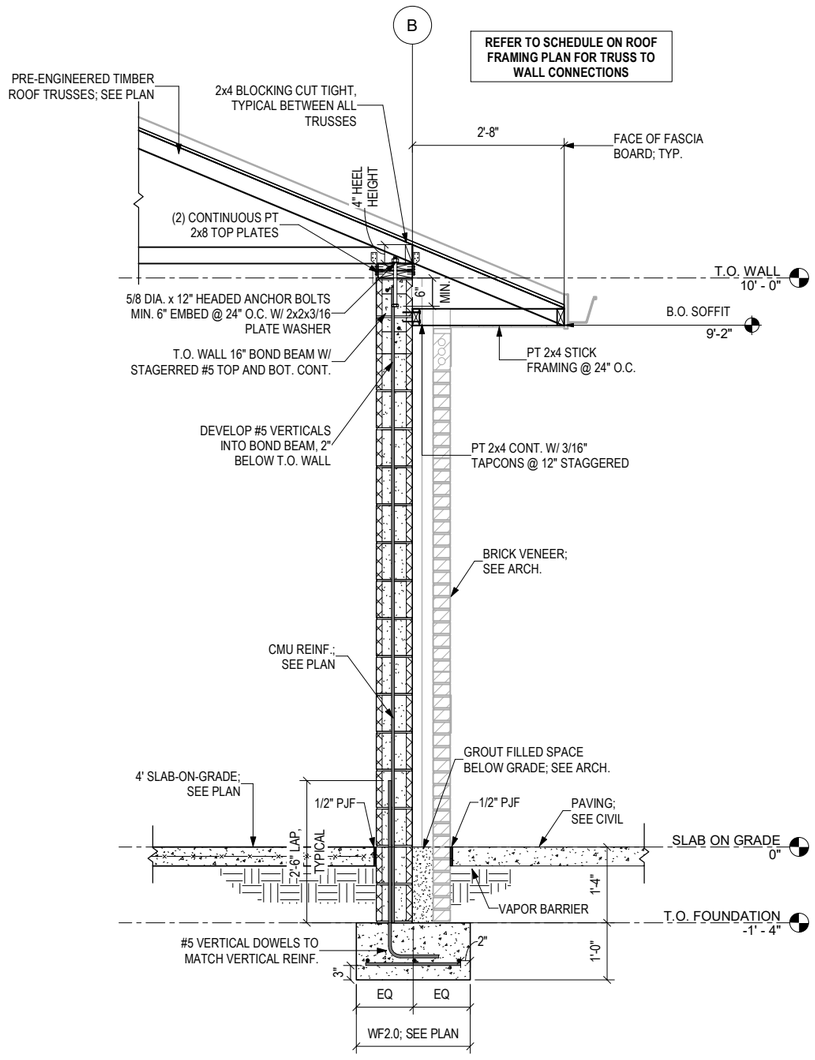
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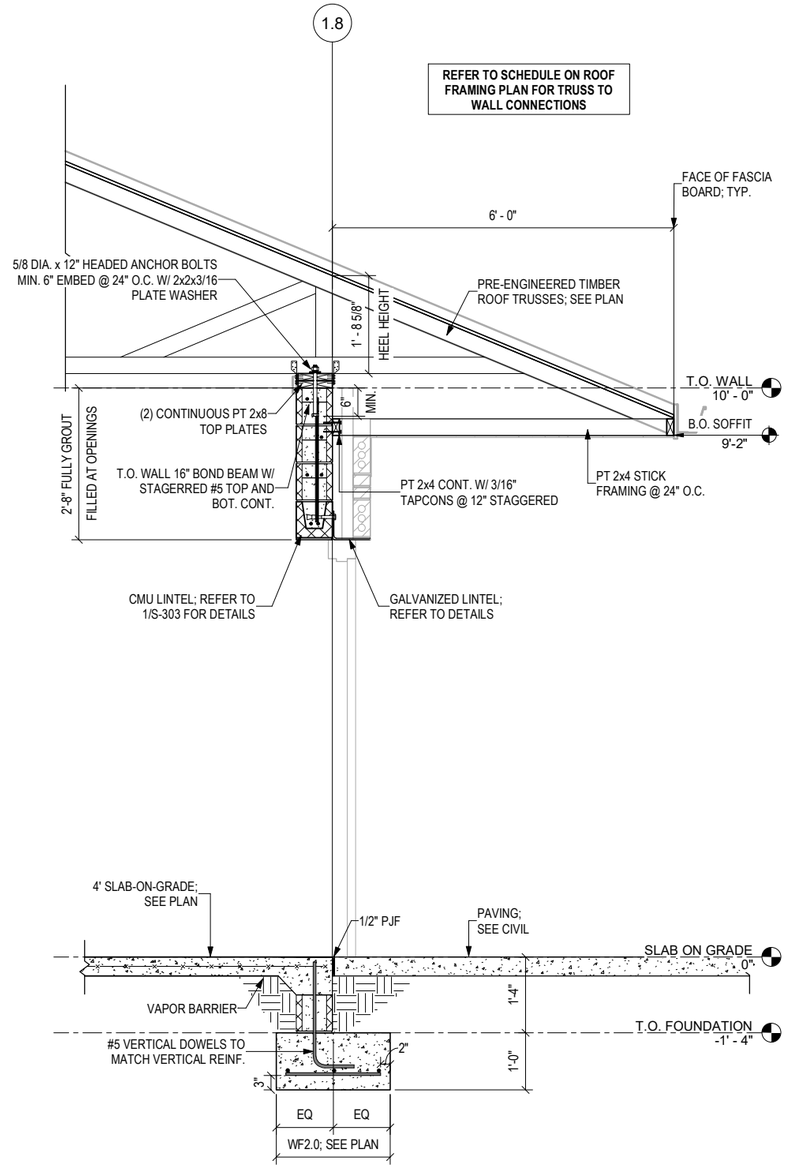
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SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST



1 S-201 TYPICAL EXTERIOR WALL SECTION
3/4" = 1'-0"



2 S-201 TYPICAL EXTERIOR WALL SECTION W/ OPENING
3/4" = 1'-0"

PERMIT SET
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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

FULL HEIGHT EXTERIOR WALL SECTIONS

Rev.	
Date:	2022-11-22
M&N Project No.	202000
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Drawing Scale:	1:1 (@ SHEET)
Designed by:	JRB
Dwn by:	JRB
Ckd by:	BJB
Reviewed by:	LJD
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Plot scale:	1:1

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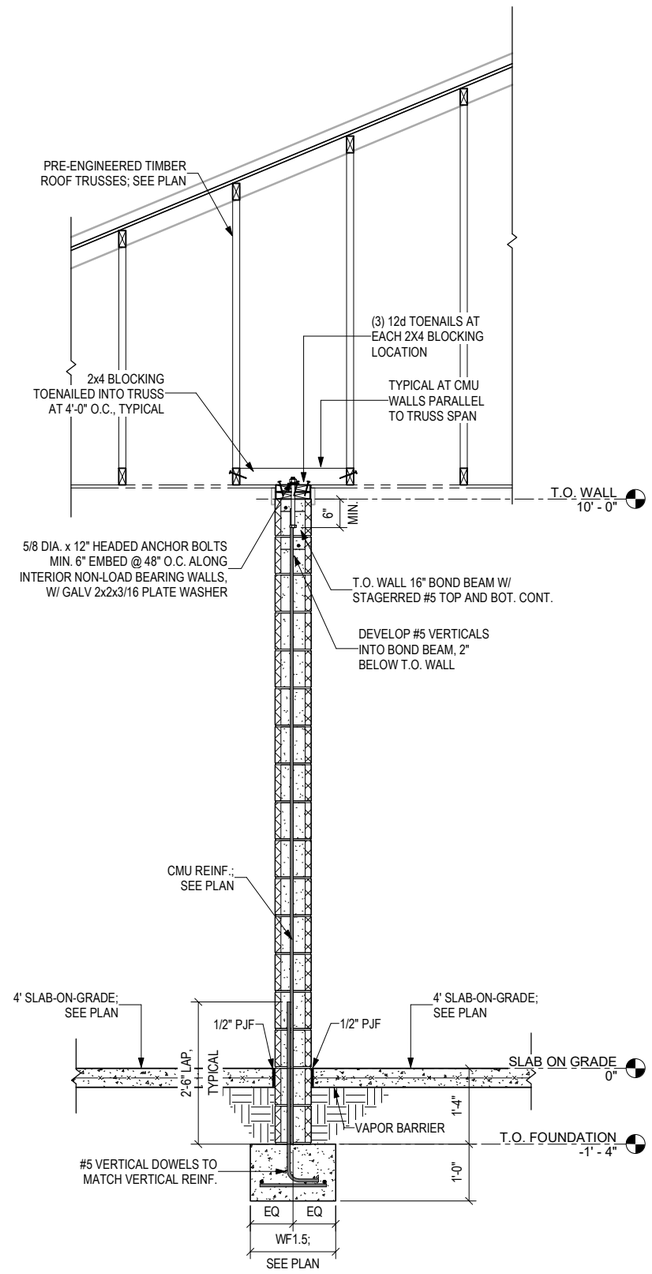
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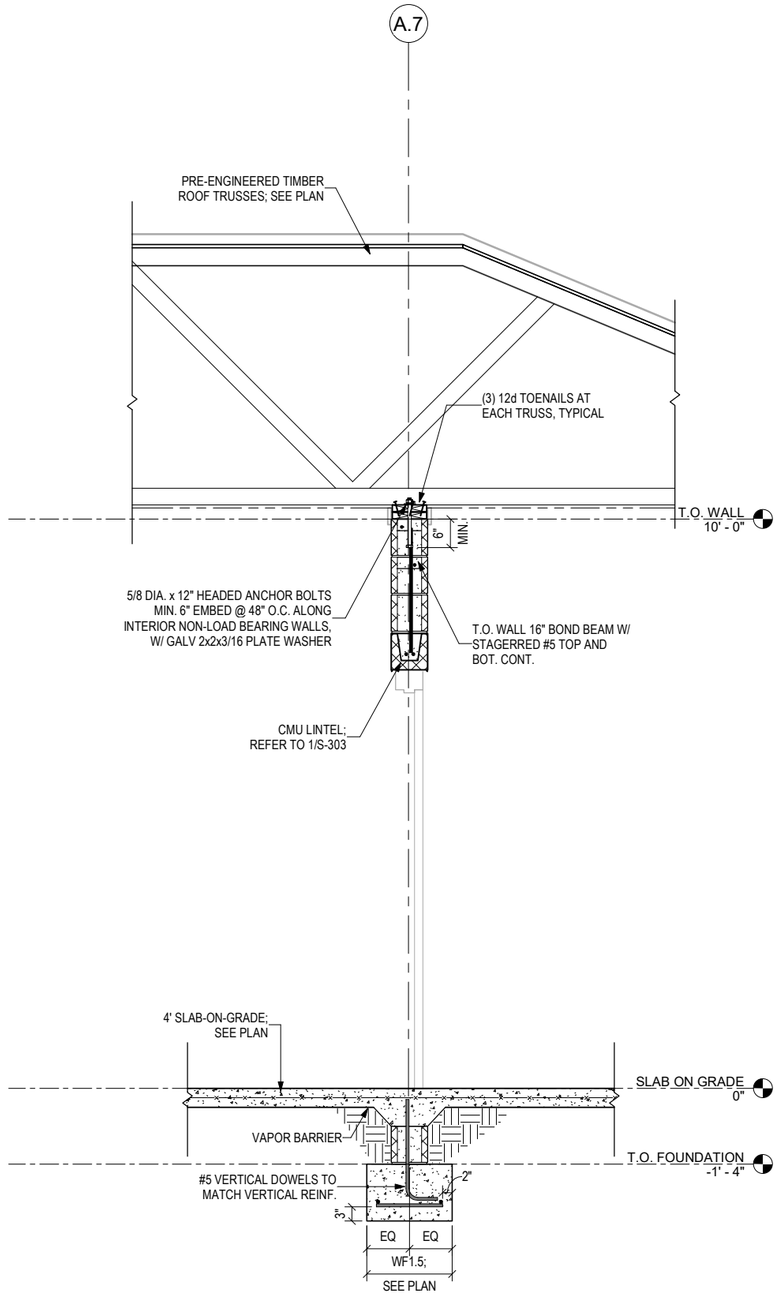
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TYPICAL INTERIOR NON-LOAD BEARING WALL SECTION

1 / S-202 — 3/4" = 1'-0"



TYPICAL INTERIOR NON-LOAD BEARING WALL SECTION W/ OPENING

2 / S-202 — 3/4" = 1'-0"

PERMIT SET
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SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

FULL HEIGHT INTERIOR WALL SECTIONS

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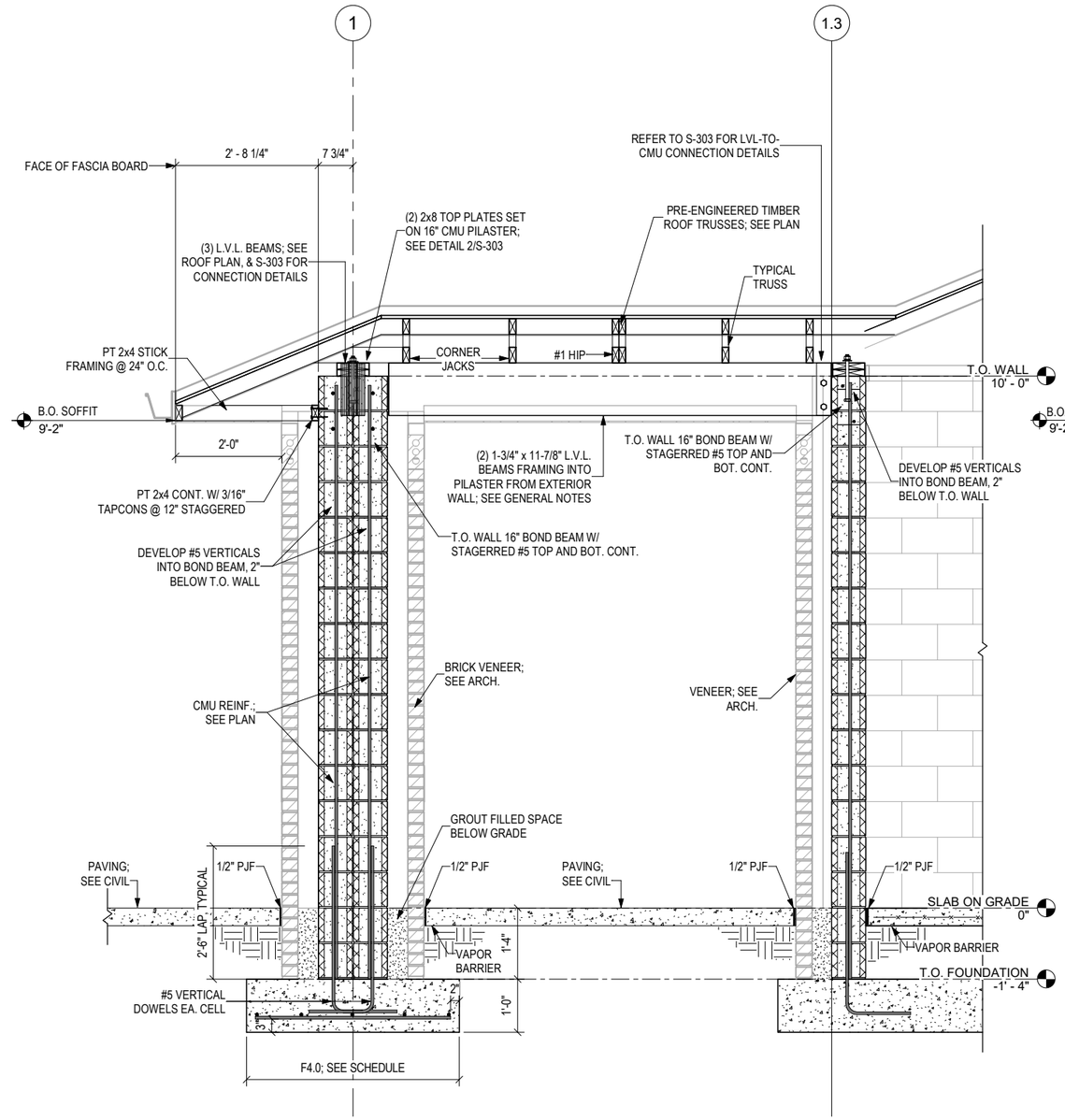
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	Designed by: JFB	Drawn by: JFB	Checked by: BJB	Drawing code:	Plot scale:
	Reviewed by: LJD	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	

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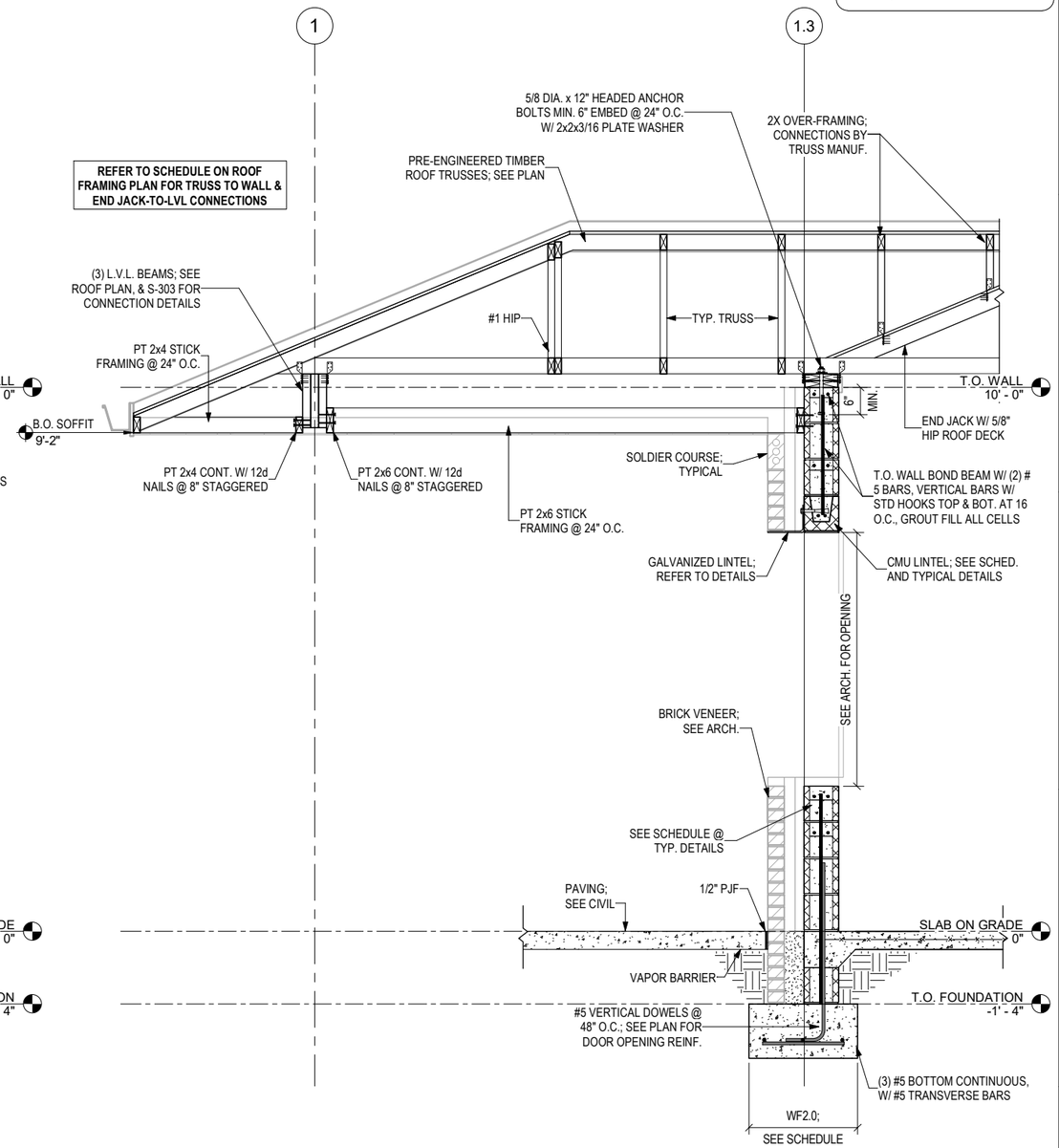
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1 S-203 LVL BEAMS FRAMING INTO PILASTER
3/4" = 1'-0"

REFER TO SCHEDULE ON ROOF FRAMING PLAN FOR TRUSS TO WALL & END JACK-TO-LVL CONNECTIONS



2 S-203 WAITING AREA TYPICAL SECTION
3/4" = 1'-0"

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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

FULL HEIGHT WAITING AREA WALL SECTIONS

Designed by: Designer	Drawn by: Author	Reviewed by: LJD	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
	Cad by: Checker		
Date: 2022-11-22	M&N Project No. 202000	Drawing code:	Drawing Scale: Plot scale: 1:1 (D SHEET)
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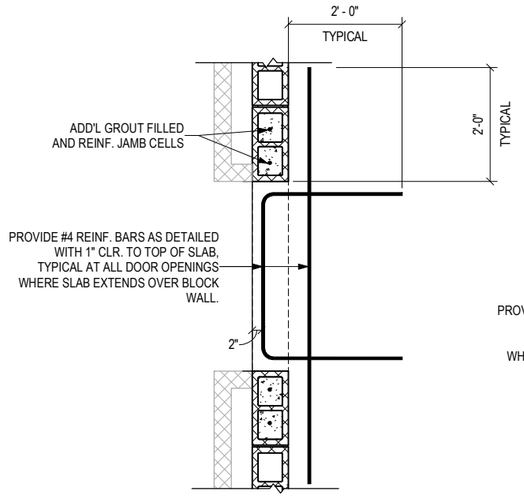
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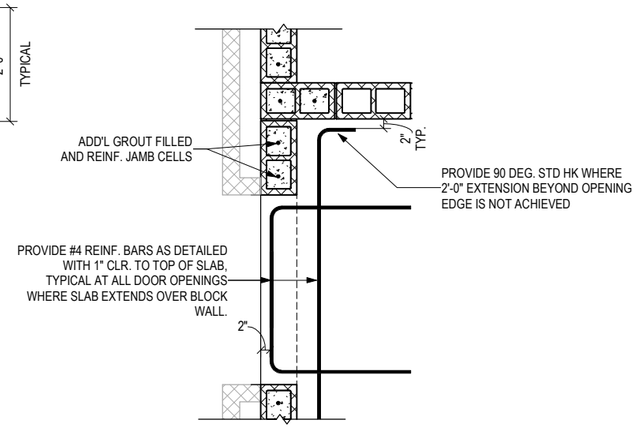
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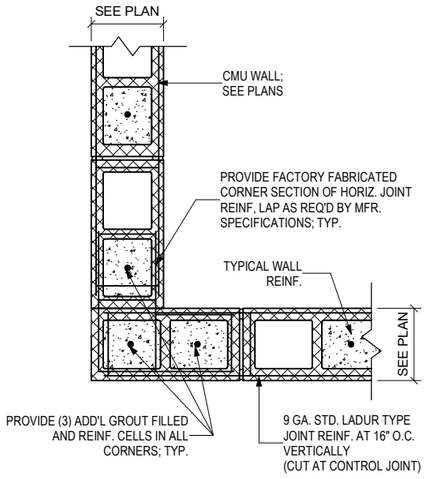
PLAN VIEW OF TYPICAL RE-ENTRANT REINF. AT DOORS



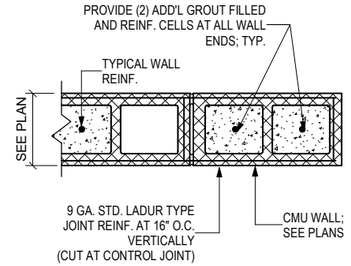
PLAN VIEW OF TYPICAL RE-ENTRANT REINF. AT DOORS W/ INTERSECTING WALLS

1 S-302 ADDITIONAL SLAB REINFORCING AT OPENINGS

3/4" = 1'-0"



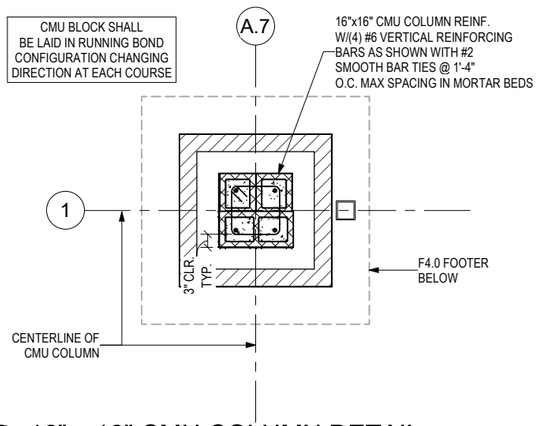
TYPICAL CMU WALL CORNER DETAIL, U.N.O.



TYPICAL CMU WALL END DETAIL, U.N.O.

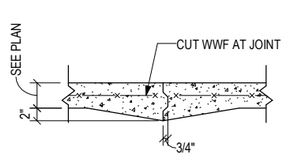
4 S-302 TYPICAL CMU WALL REINFORCING DETAILS

1 1/2" = 1'-0"

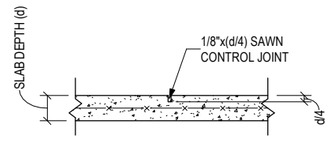


3 S-302 16" x 16" CMU COLUMN DETAIL

3/4" = 1'-0"



CONSTRUCTION JOINT

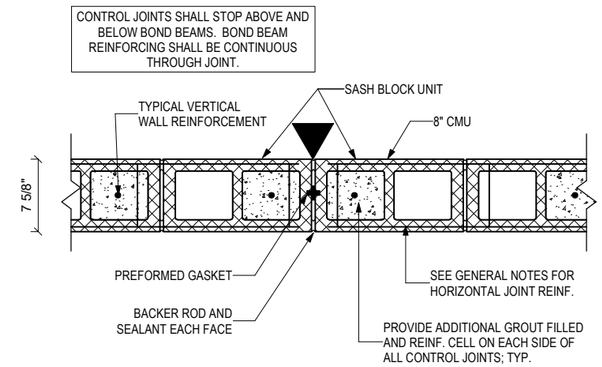


SAWN CONTRACTION JOINT "S.C.J."

SUBSTITUTION OF CONSTRUCTION JOINT FOR SAWN CONTRACTION JOINT IS AT CONTRACTOR'S OPTION

2 S-302 SLAB-ON-GRADE TYPICAL DETAILS

1" = 1'-0"



5 S-302 VERTICAL MASONRY CONTROL JOINT DETAIL

1 1/2" = 1'-0"

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TYPICAL DETAILS

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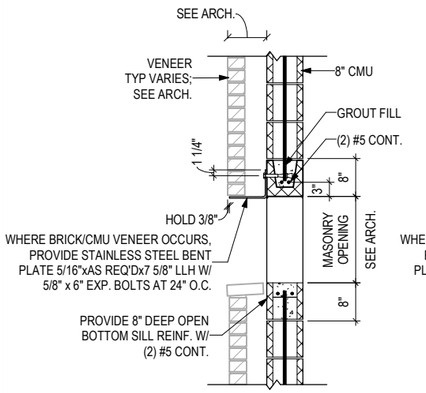
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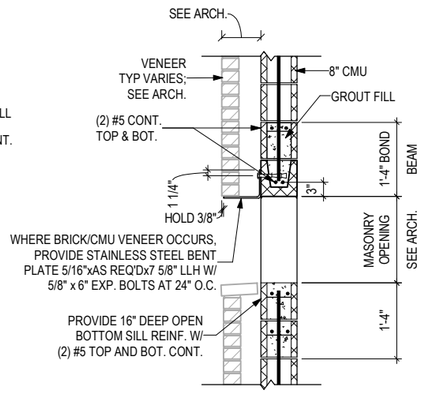
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Pensacola, FL 32501 JDA JOB #: 21185

CMU LINTEL REINFORCING SHALL EXTEND 24" PAST FACE OF OPENING AND SHALL BEAR, EACH SIDE, ON **(1) REINFORCED GROUT FILLED CELLS.** BEAR STEEL LINTEL 4" ON EACH SIDE OF OPENING

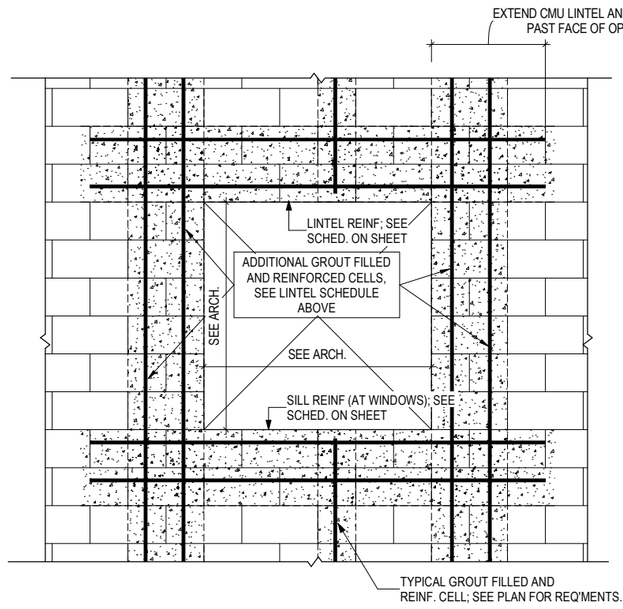


FOR OPENINGS UP TO 6'-4"

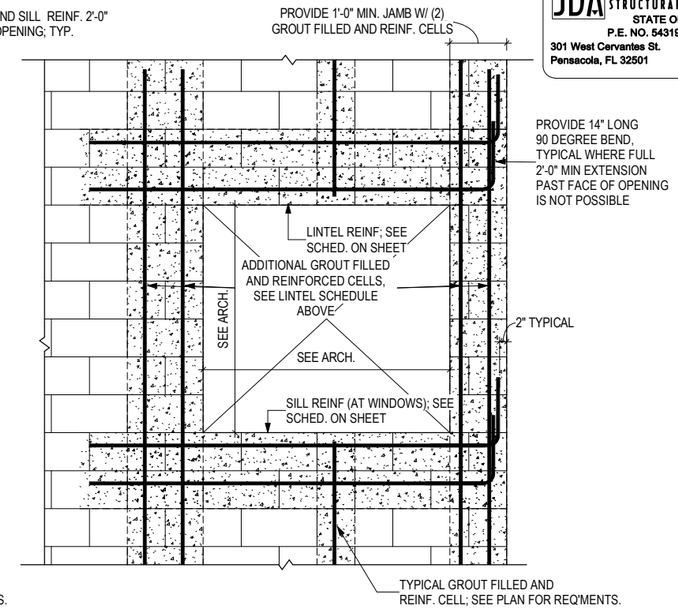
CMU LINTEL REINFORCING SHALL EXTEND 24" PAST FACE OF OPENING AND SHALL BEAR, EACH SIDE, ON **(2) REINFORCED GROUT FILLED CELLS.** BEAR STEEL LINTEL 4" ON EACH SIDE OF OPENING



FOR OPENINGS UP TO 6'-5" TO 8'-0"



ELEVATION AT OPENINGS WITH 2'-0" MIN. WALL EXTENSION PAST FACE OF OPENING

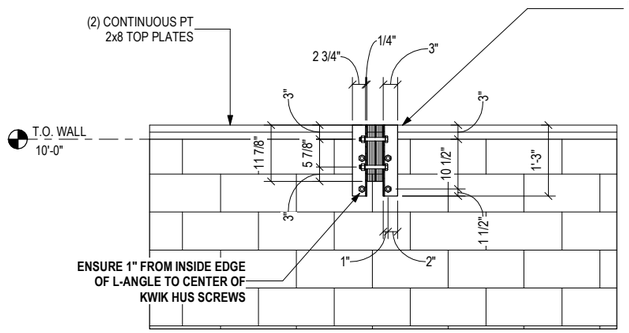


ELEVATION AT OPENINGS WITH < 2'-0" WALL EXTENSION PAST FACE OF OPENING

DETAIL NOTE:
WHERE MASONRY CONTROL JOINTS ARE LOCATED WITHIN 2'-0" OF FACE OF OPENING, EXTEND REINFORCING THROUGH CONTROL JOINT TO PROVIDE 2'-0" MIN. REQ'D EXTENSION OR PROVIDE 90 DEGREE HOOKS AS SHOWN ABOVE (MASONRY CONTRACTOR'S OPTION)

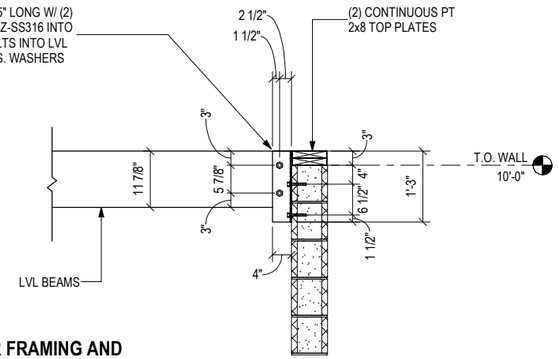
1 S-303 CMU LINTEL (WITH VENEER) AND VENEER LINTEL DETAILS

3/4" = 1'-0"

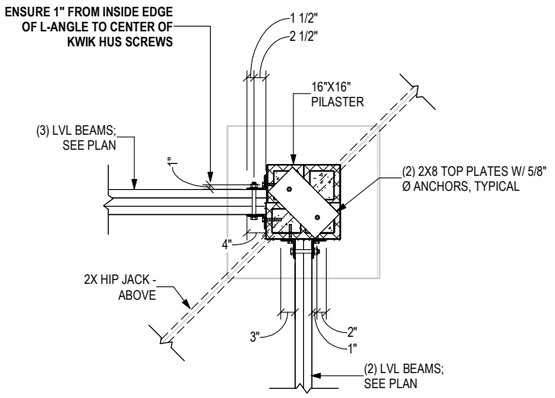


FRONT VIEW

NOTE: ALL OTHER FRAMING AND CONNECTIONS HAVE BEEN OMITTED FOR CLARITY PURPOSES



SIDE VIEW



PLAN VIEW

2 S-303 TYPICAL LVL-TO-CMU WALL AND 16" PILASTER CONNECTION

3/4" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22
NOT ISSUED FOR CONSTRUCTION

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

TYPICAL DETAILS

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GULF BREEZE, FL 32563
SANTA ROSA COUNTY

Designed by: Designer
Dwn by: Author
Chd by: Checker
Reviewed by: LJD
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2022-11-22
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

Sheet Reference No.
S-303

SEAL

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE
ADJ	ADJACENT, ADJOINING, ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
ARCH	ARCHITECT(URAL)
BD	BOARD
BLDG	BUILDING
BOT	BOTTOM
BRG	BEARING
BRG PL	BEARING PLATE
BUR	BUILT-UP ROOFING
CF/CI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CF/GI	CONTRACTOR FURNISHED/ GOVERNMENT INSTALLED
CID	COMPREHENSIVE INTERIOR DESIGN PACKAGE
CIP	CAST-IN-PLACE, CAST IRON PIPE
CJ	CONSTRUCTION JOINT/CONTROL JOINT
CL	CENTER LINE, CLASS, CLOSE
CLG	CEILING
CLR	CLEAR, COLOR, COOLER
CMU	CONCRETE MASONRY UNIT
CPT	CARPET
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUE, CONTINUOUS
CONTR	CONTRACT, CONTRACTOR
COR	CONTRACTING OFFICER'S REPRESENTATIVE
CORR	CORRIDOR
COTR	CONTRACTING OFFICER TECHNICAL REPRESENTATIVE
CU FT	CUBIC FEET
CU YD	CUBIC YARD
D	DRYER
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DS	DOWNSPOUT
DW	DISHWASHER
DWG	DRAWING
EL	ELEVATION
ELEC	ELECTRIC(AL)
ELEV	ELEVATOR
EQ	EQUAL
EQUIP	EQUIPMENT
EWS	EYE WASH STATION
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXT	EXTERIOR
FA	FIRE ALARM
FD	FLOOR DRAIN
FDTN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF EL	FINISH FLOOR ELEVATION
FIN GR	FINISH GRADE
FLR	FLOOR
FP	FIREPROOF
FT	FEET, FOOT
FTG	FOOTING
GA	GAGE
GALV	GALVANIZED IRON
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GF/GI	GOVERNMENT FURNISHED/ GOVERNMENT INSTALLED
GF/CI	GOVERNMENT FURNISHED/ CONTRACTOR INSTALLED
GL	GLASS
GLZ	GLAZING
GMS	GALVANIZED METAL STUD
GYP BD	GYPSUM BOARD
HB	HOSE BIBB
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HT	HEIGHT
HVAC	HEATING/VENTILATING/AIR COND
IBC	INTERNATIONAL BUILDING CODE
INCL	INCLUDED
INSUL	INSULATION
INT	INTERIOR
LAM	LAMINATE
LAV	LAVATORY
LH	LEFT HAND
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MS	MOP SINK
MT	MOUNT
MTD	MOUNTED
MTG	MEETING
MTL	METAL
MW	MICROWAVE
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OF/OI	OWNER FURNISH/ OWNER INSTALLED
OF/CI	OWNER FURNISH/ CONTRACTOR INSTALLED
OH	OVERHANG, OVERHEAD
OH DR	OVERHEAD (COILING) DOOR
OPNG	OPENING
OPP	OPPOSITE
PCF	POUNDS PER CUBIC FOOT
PL	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
PVC	POLYVINYL CHLORIDE
R	RADIUS, RANGE, RISER
RCP	REFLECTED CEILING PLAN
RD	REINFORCING STEEL BARS REBAR
REF	REFERENCE, REFRIGERATOR
REG	REGISTER
REINF	REINFORCE
RET	RETURN
REV	REVISION
RH	RIGHT HAND
RM	ROOM
ROW	RIGHT OF WAY
SC	SOLID CORE
SCHED	SCHEDULE
SD	STORM DRAIN
SECT	SECTION
SF	SQUARE FOOT(FEET)
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATION
SPKR	SPEAKER
SQ	SQUARE
SS	SERVICE SINK
SST	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPEND
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TE	TOP ELEVATION
TEL	TELEPHONE
TOC	TOP OF CONCRETE
TOS	TOP OF SLAB, TOP OF STEEL
TV	TELEVISION
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VCT	VINYL COMPOSITION TILE
VTR	VENT THROUGH ROOF
W	WASHER, WEST, WIDE
W/	WITH
W/O	WITHOUT
WB	WOOD BASE
WC	WATER CLOSET
WD	WOOD
WH	WATER HEATER
WP	WATERPROOFING
WSCT	WAINSCOT

SYMBOLS LEGEND

ROOM NAME
101 — ROOM NAME / NUMBER DESIGNATION

101 — DOOR NUMBER

A — WINDOW / LOUVER TYPE

A — WALL TYPE

ELEVATION TARGET

1 / A-201 — ELEVATION NUMBER; EXTERIOR ELEVATION SYMBOL; SHEET ON WHICH ELEVATION IS DRAWN

PLAN NORTH — PLAN NORTH; NORTH ARROW; TRUE NORTH

1 / A-200 — ELEVATION NUMBER; INTERIOR ELEVATION SYMBOL; SHEET ON WHICH ELEVATION IS DRAWN

1 / A101 SIM — DETAIL NUMBER; DETAIL SYMBOL; SHEET ON WHICH DETAIL IS DRAWN

1 / A-201 — SECTION NUMBER; SECTION SYMBOL; SHEET ON WHICH SECTION IS DRAWN

FLORIDA PRODUCT APPROVAL

COMPONENT	MANUFACTURER / AND PART #	FLORIDA PRODUCT APPROVAL #
EXTERIOR HOLLOW METAL DOOR & FRAME	STEELCRAFT H SERIES DOOR W/ F SERIES FRAME	FL # 20736.1
STANDING SEAM ALUMINUM ROOFING	PAC-CLAD TITE LOC PLUS	FL # 24423.11
OVERHEAD COILING DOOR	CORNELL COOKSON ESC-10	FL # 19075.1
COMPOSITE SOFFIT PANEL	JAMES HARDIE SOFFIT PANELS	FL # 13265

NOTE: THE MANUFACTURER AND PARTS LISTED IN THIS TABLE IS NOT INTENDED TO LIMIT ACCEPTABLE MANUFACTURERS OR SYSTEMS. INSTEAD, THIS TABLE IS INTENDED TO ESTABLISH A BASIS OF DESIGN. IN ORDER TO BE CONSIDERED AS AN ACCEPTABLE EQUIVALENT, THE SYSTEM/COMPONENT MUST HAVE FLORIDA PRODUCT APPROVAL AND BE DESIGNED TO RESIST PRESSURES INDICATED ON STRUCTURAL DRAWINGS.

CODE AND LIFE SAFETY DATA

APPLICABLE CODES:

2020 FLORIDA BUILDING CODE, 7TH ED.
2020 FLORIDA FIRE PREVENTION CODE, 7TH ED.
2017 NATIONAL ELECTRIC CODE (NFPA 70)
2020 FLORIDA BUILDING CODE - MECHANICAL
2020 FLORIDA BUILDING CODE - PLUMBING

CHAPTER 3 - OCCUPANCY CLASSIFICATION		ZONING	FLOOD ZONE
SECTION	USE GROUP	PBD	X
303.6	A-5 (ASSEMBLY GROUP)		

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

FBC TABLE 506.2 - ALLOWABLE AREA

GROUP	CONSTRUCTION TYPE	ALLOWABLE AREA	ACTUAL BUILDING AREA
A-5	TYPE VB	UL SF	**1,975 SF** THEREFORE NO AREA INCREASE IS REQ'D

FBC TABLES 504.3a AND 504.4 - ALLOWABLE HEIGHT

GROUP	CONSTRUCTION TYPE	ALLOWED STORIES	ALLOWED FT.	ACTUAL STORIES	ACTUAL FT.
A-5	TYPE VB	UL	40 FT.	**1 STORY**	**20'-0"**

CHAPTER 6 - TYPES OF CONSTRUCTION	
BUILDING ELEMENT	TYPE VB
PRIMARY STRUCTURAL FRAME	0
BEARING WALLS: EXTERIOR INTERIOR	0
NON-BEARING WALLS AND PARTITIONS	0
FLOOR CONSTRUCTION	0
ROOF CONSTRUCTION AND SECONDARY MEMBERS	0

CHAPTER 7 - FIRE AND SMOKE PROTECTION

BUILDING ELEMENT	TYPE VB
NO FIRE SEPARATIONS ARE REQUIRED	

CHAPTER 8 - INTERIOR FINISHES

GROUP	NONSPRINKLERED (CLASS OF MATERIAL)			
	EXIT ENCLOSURES & EXIT PASSAGEWAYS	CORRIDORS	ROOMS & ENCLOSED SPACES
A-5	A	A	C

CHAPTER 9 - FIRE PROTECTION SYSTEMS

AN AUTOMATIC SPRINKLER SYSTEM WILL NOT BE PROVIDED.

CHAPTER 10 - MEANS OF EGRESS

FBC TABLE 1006.2.1	MAX. COMMON PATH OF EGRESS DISTANCE - A-5 ASSEMBLY: **75'-0"**
FBC TABLE 1017.2	MAX. EXIT ACCESS TRAVEL DISTANCE - A-5 ASSEMBLY: **200'-0"**
FBC TABLE 1020.1	CORRIDOR FIRE RESISTANCE RATING - A-5 ASSEMBLY: **1, WITHOUT SPRINKLER SYSTEM** (NO CORRIDORS PRESENT IN PROJECT)
1006.2.1.1	MINIMUM NUMBER OF EXITS PER STORY = 1 NUMBER PROVIDED: **3**
1010.1.1	MINIMUM CLEAR WIDTH FOR DOOR OPENINGS: **32"**
1020.4	MAX. DEAD END CORRIDOR LENGTH: **20'-0"**
1005	CAPACITY FACTOR OF EGRESS COMPONENTS

OTHER EGRESS COMPONENTS	0.20	WIDTH REQUIRED	**1.2"**	WIDTH PROVIDED	**96"**

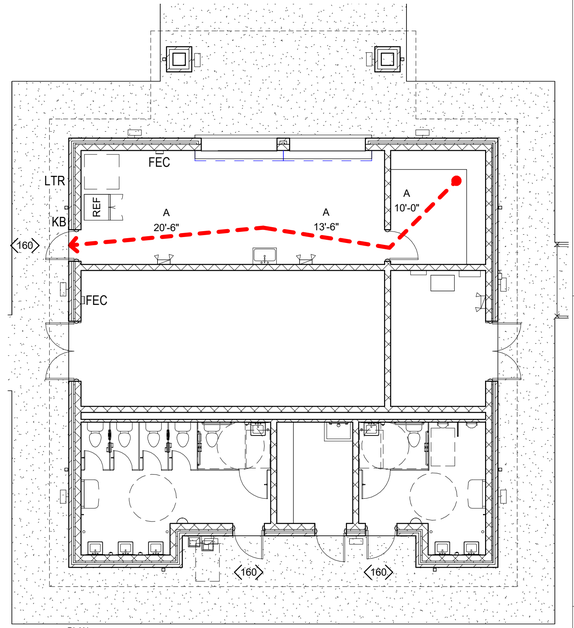
FBC TABLE 1004.5 OCCUPANT LOADING

	FUNCTION OF SPACE	ROOM NUMBERS	LOAD FACTOR	AREA	OCCUPANTS
A-5	KITCHENS, COMMERCIAL	101	200 SF GROSS	385 SF	2
	STORAGE	102, 103, 106	300 SF GROSS	668 SF	3
	MECHANICAL	104	300 SF GROSS	144 SF	1
	BUILDING TOTAL				**6**

CHAPTER 29, TABLE 2902.1 - REQUIRED PLUMBING FIXTURES

NOTE: FIXTURE COUNT IS BASED ON AN ASSUMED CAPACITY OF 400 PEOPLE TOTAL FOR THE BUILDING AND SURROUNDING ATHLETIC FIELDS. PARENTHESES DENOTE PROVIDED FIXTURES.

USE GROUP	OCC.	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAIN	SERVICE SINK
ASSEMBLY (A-5)	**400**	MALE	FEMALE	MALE	FEMALE		
		200/75=3 (3)	200/40=5 (5)	200/200=1 (3)	200/150=2 (4)	400/1000=1 (2)	1 (1)



PLAN NORTH
1 / A-001
LIFE SAFETY PLAN
1/8" = 1'-0"

EXIT DISTANCE	
EXIT PATH #	TOTAL TRAVEL DISTANCE
A	44' - 0"

LIFE SAFETY LEGEND

A 27'-6" — EXIT PATH LETTER WITH SEGMENT TRAVEL DISTANCE AND DIRECTION OF TRAVEL. SEE EXIT DISTANCE CHART FOR TOTAL EXIT DISTANCES.

EXIT SIGN (SHADED REGION INDICATES LIGHTED SIDE)

170 — EXIT CAPACITY (OCCUPANTS)

FEC — SURFACE MOUNTED FIRE EXTINGUISHER CABINET MOUNT BOTTOM OF CABINET AT 24" AFF

KB — KNOX BOX (3200 SERIES OR OTHER ACCEPTABLE TO AHJ) SEMI-RECESSED, PREFINISHED TO MATCH WALL COLOR

LTR — LIGHTWEIGHT TRUSS SIGN, ROOF ONLY, COMPLYING W/ FLORIDA ADMINISTRATIVE CODE 69A-60.0081. MOUNT 48" AFF TO BOTTOM OF SIGN

0 4' 8' 16'
SCALE: 1/8" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

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Mark	Description	Date	Appr

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LIFE SAFETY PLAN

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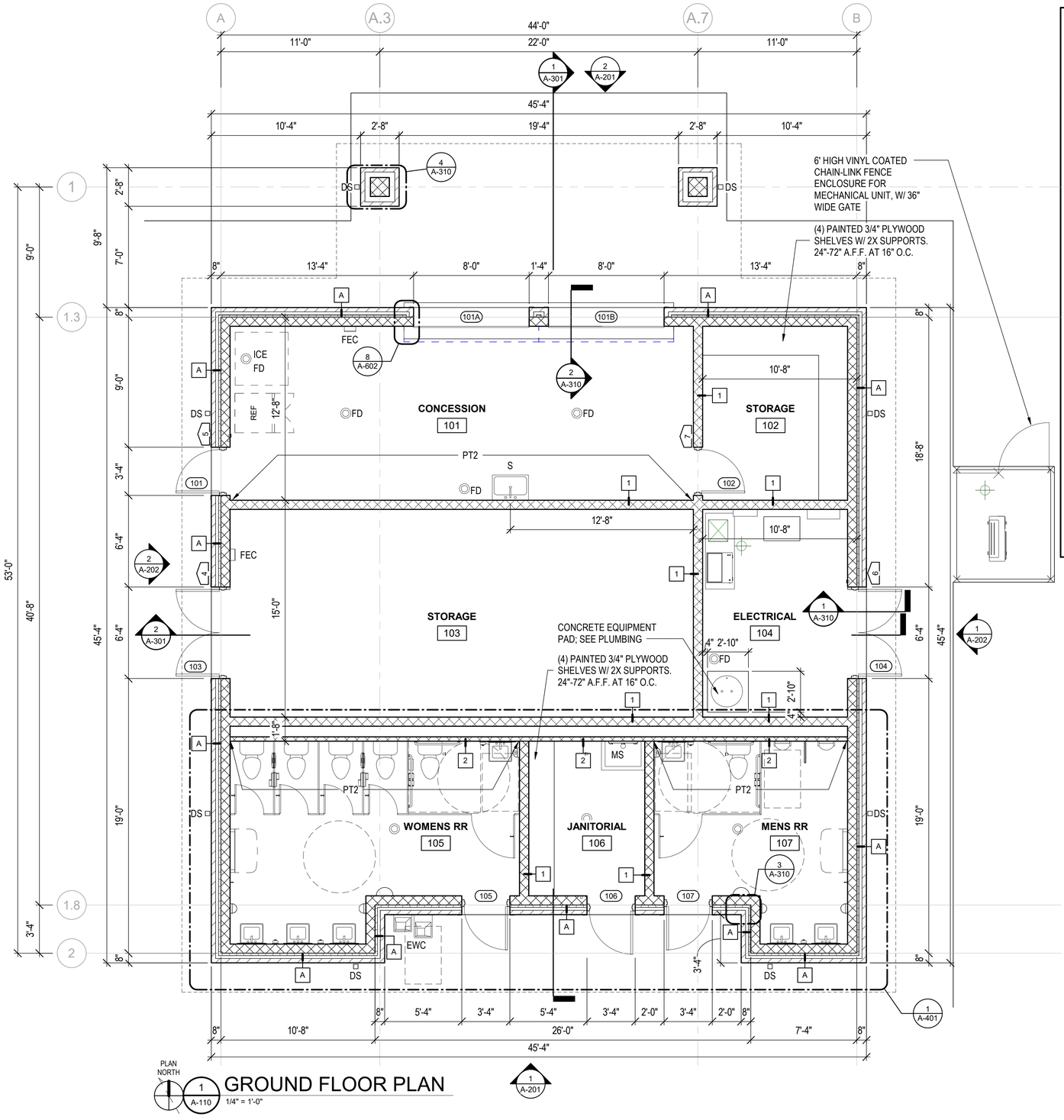
Designed by: Designer
Drawn by: Author
Checked by: Checker
Reviewed by: Checker
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2022-11-22
Rev:
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



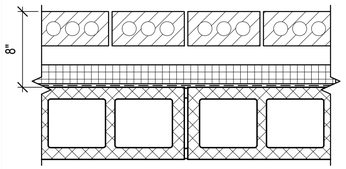
PLAN NORTH

1 A-110

GROUND FLOOR PLAN

1/4" = 1'-0"

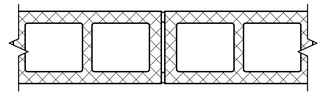
EXTERIOR WALL TYPES



WALL TYPE "A" SERIES

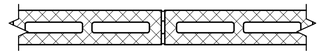
- 4" NOMINAL BRICK VENEER
- 2 3/8" AIR CAVITY
- 2" (R-10) RIGID CONTINUOUS INSULATION BOARD
- FLUID APPLIED AIR/MOISTURE BARRIER
- 8" NOMINAL CMU, PAINTED AT INTERIOR
- EXTEND TO T.O. WALL

INTERIOR PARTITION TYPES



WALL TYPE "1" SERIES

- 8" NOMINAL CMU, PAINTED
- EXTEND PARTITION TO T.O. WALL



WALL TYPE "2" SERIES

- 4" NOMINAL CMU, PAINTED
- EXTEND PARTITION TO T.O. WALL

FLOOR PLAN NOTES

1. SEE WALL CONSTRUCTION LEGEND FOR WALL TYPE DESCRIPTIONS.
2. REFER TO WALL SECTIONS AND PLAN DETAILS FOR SPECIFIC WALL DIMENSIONS TO COLUMN LINE.
3. PLAN DRAWINGS ARE GENERATED BY A CUT THROUGH THE WALL AT A HEIGHT OF APPROXIMATELY 48". COMPONENTS IN OR ON THE WALL ABOVE OR BELOW THIS PLANE MAY NOT BE IDENTIFIED IN THIS PLAN VIEW. SEE ELEVATION VIEWS FOR IDENTIFICATION OF ALL WALL COMPONENTS AND OPENINGS.
4. ALL DIMENSIONS ARE FROM FACE OF CMU, FACE OF STUD, OR WHERE APPLICABLE, COLUMN GRIDLINE.
5. PROVIDE BULLNOSE CMU UNITS AT ALL OUTSIDE CORNERS AND DOOR JAMBS. SEE DETAILS.
6. ALL CONCESSION FOOD SERVICE EQUIPMENT WILL BE OWNER-FURNISHED AND INSTALLED.
7. TOILET ACCESSORIES, WITH THE EXCEPTION OF GRAB BARS, WILL BE OWNER-FURNISHED, CONTRACTOR-INSTALLED.

GRAPHIC LEGEND

ROOM NAME

101A	ROOM NAME / NUMBER DESIGNATION
	WALL CONSTRUCTION, SEE WALL CONSTRUCTION LEGEND
(101)	DOOR NUMBER
1A	WALL TYPE
FEC	FIRE EXTINGUISHER CABINET (SURFACE MOUNTED) AND FIRE EXTINGUISHER. MOUNT BOTTOM OF CABINET 24" AFF.
EWC	ELECTRIC WATER COOLER, SEE PLUMBING DRAWINGS
MS	MOP SINK; SEE PLUMBING
FD	FLOOR DRAIN; SEE PLUMBING
DS	PREFINISHED ALUMINUM DOWNSPOUT (3"X4")
0'-0"	FINISH FLOOR ELEVATION
6	SIGNAGE; SEE SCHEDULE

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY, FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

BUILDING PLAN

Designed by: Designer	Rev:
Drawn by: Author	Cad by: Checker
Reviewed by: Checker	Date: 2022-11-22
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	M&N Project No. 202000
Drawing Scale:	Drawing code:
Plot scale: 1:1 (D SHEET)	

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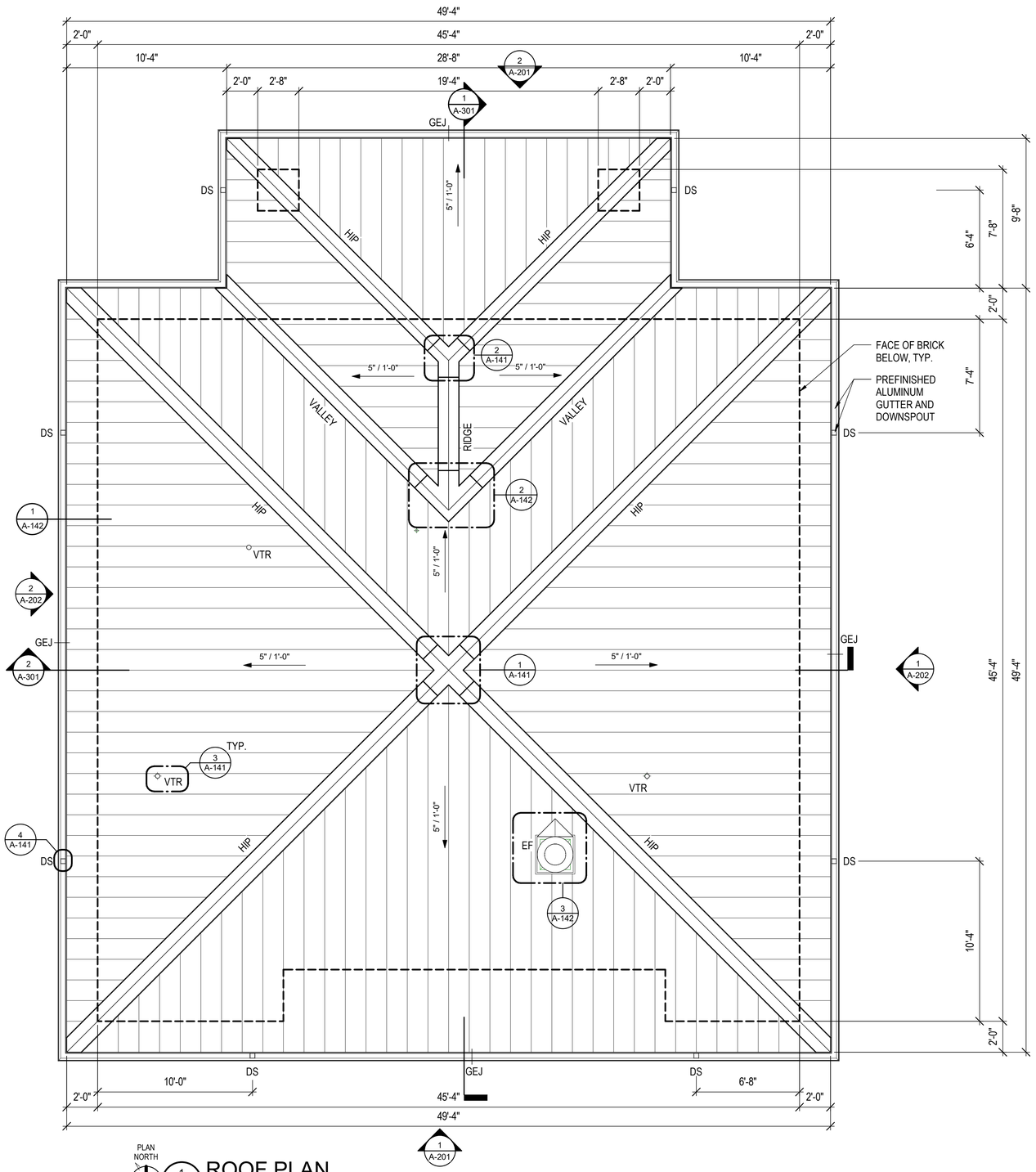
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



PLAN NORTH

1 A-140 ROOF PLAN

1/4" = 1'-0"

ROOF NOTES

1. SLOPE ALL GUTTERS TO DOWNSPOUTS.
2. DOWNSPOUTS TO TERMINATE ABOVE SIDEWALK.

GRAPHIC LEGEND

	PREFINISHED STANDING SEAM ALUMINUM ROOF SYSTEM
5" / 1'-0"	DIRECTION AND DEGREE OF ROOF SLOPE
VTR ◦	VENT THROUGH ROOF
EF ○	EXHAUST FAN PENETRATION
DS □	PREFINISHED ALUMINUM DOWNSPOUT (3"X4")
GEJ	GUTTER EXPANSION JOINT

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

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ROOF PLAN

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Dwn by: Author	Rev.
Chkd by: Checker	M&N Project No. 202000
Reviewed by: Checker	Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale:
	Plot scale: 1:1 (D SHEET)

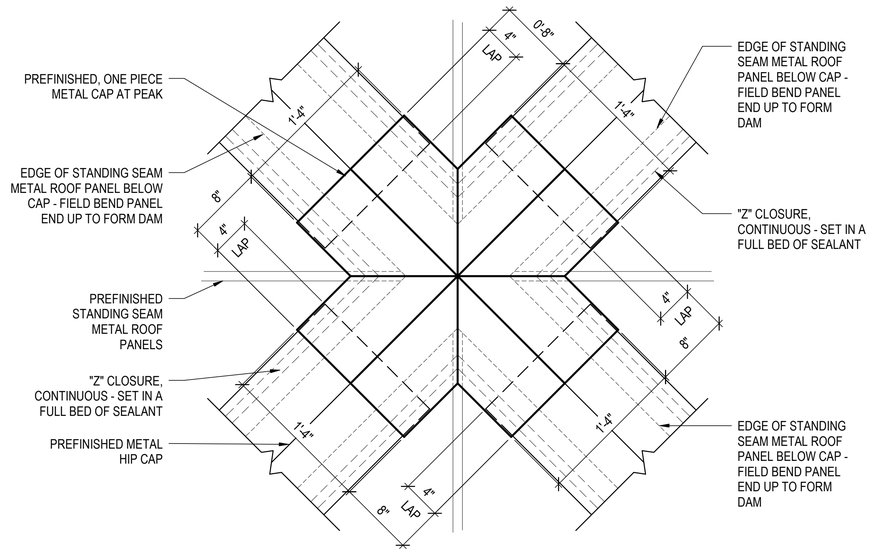
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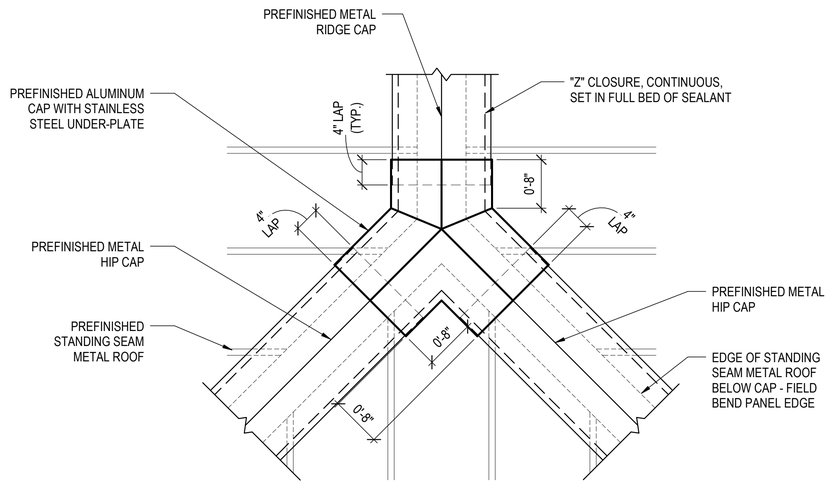
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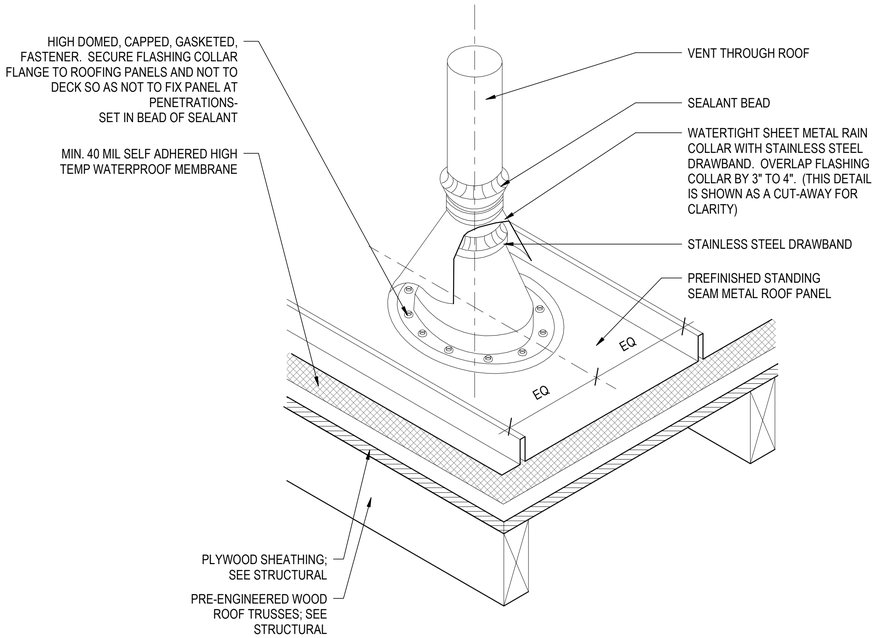
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



1 A-141 **HIP CAP DETAIL**
1 1/2" = 1'-0"

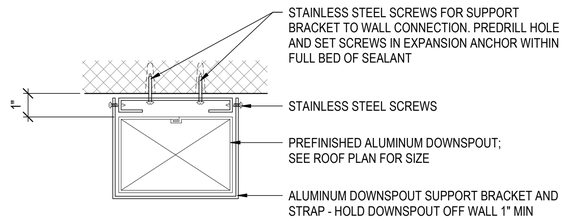


2 A-141 **RIDGE / HIP CAP PLAN - TYPICAL**
1" = 1'-0"

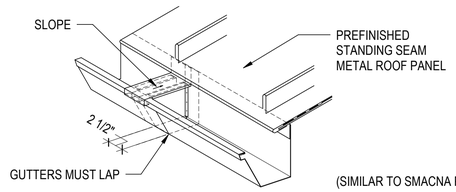


***NOTE: CENTER PENETRATION BETWEEN METAL ROOF PANEL SEAMS**

3 A-141 **ROOF DETAIL AT VTR - STANDING SEAM**
3" = 1'-0"



4 A-141 **DOWNSPOUT DETAIL - TYPICAL**
3" = 1'-0"



(SIMILAR TO SMACNA PLATE 7- 4TH EDITION)

5 A-141 **ENLARGED GUTTER EXPANSION JOINT DETAIL**
1" = 1'-0"

0 2" 4" 8"
SCALE: 3" = 1'-0"

0 4" 8" 1'-4"
SCALE: 1 1/2" = 1'-0"

0 6" 1' 2'
SCALE: 1" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

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Mark	Description	Date	Appr

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ROOF DETAILS

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Phone: 850.434.5444

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MILTON, FL 32570

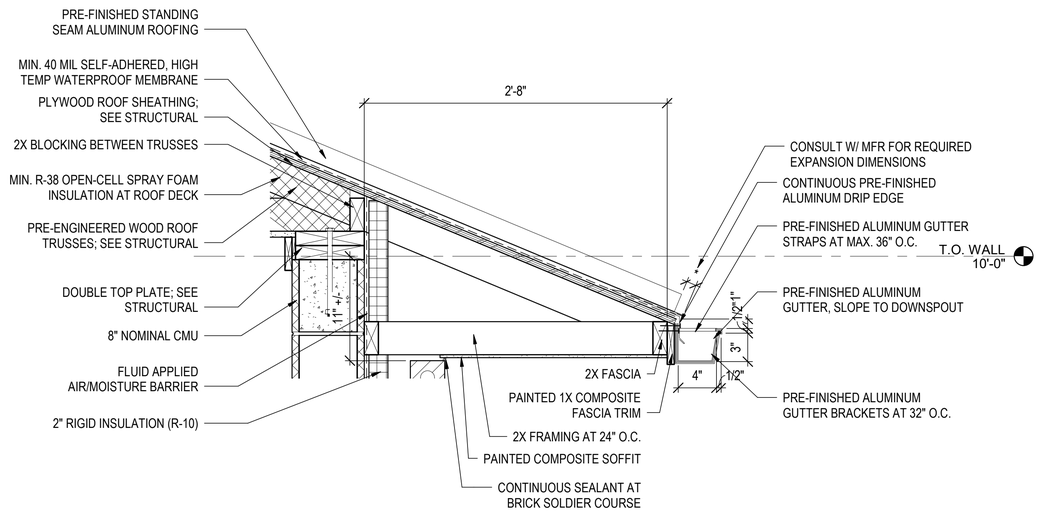
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Drawn by: Author	Cad by: Checker
Reviewed by: Checker	Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (D SHEET)
Date: 2022-11-22	M&N Project No. 202000

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A-141

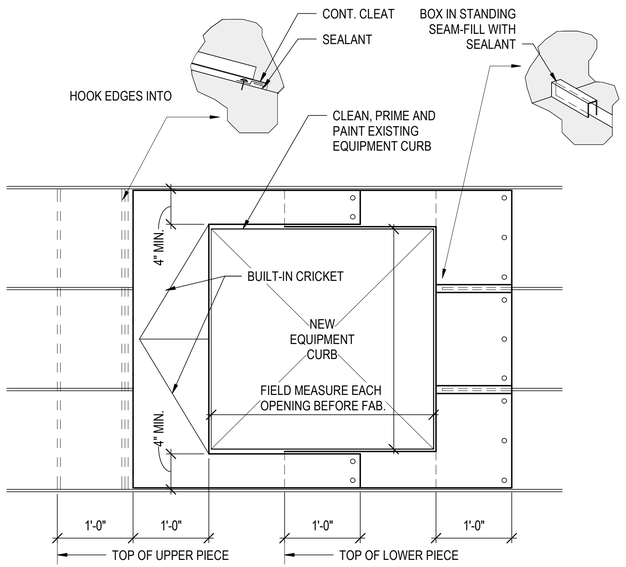
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



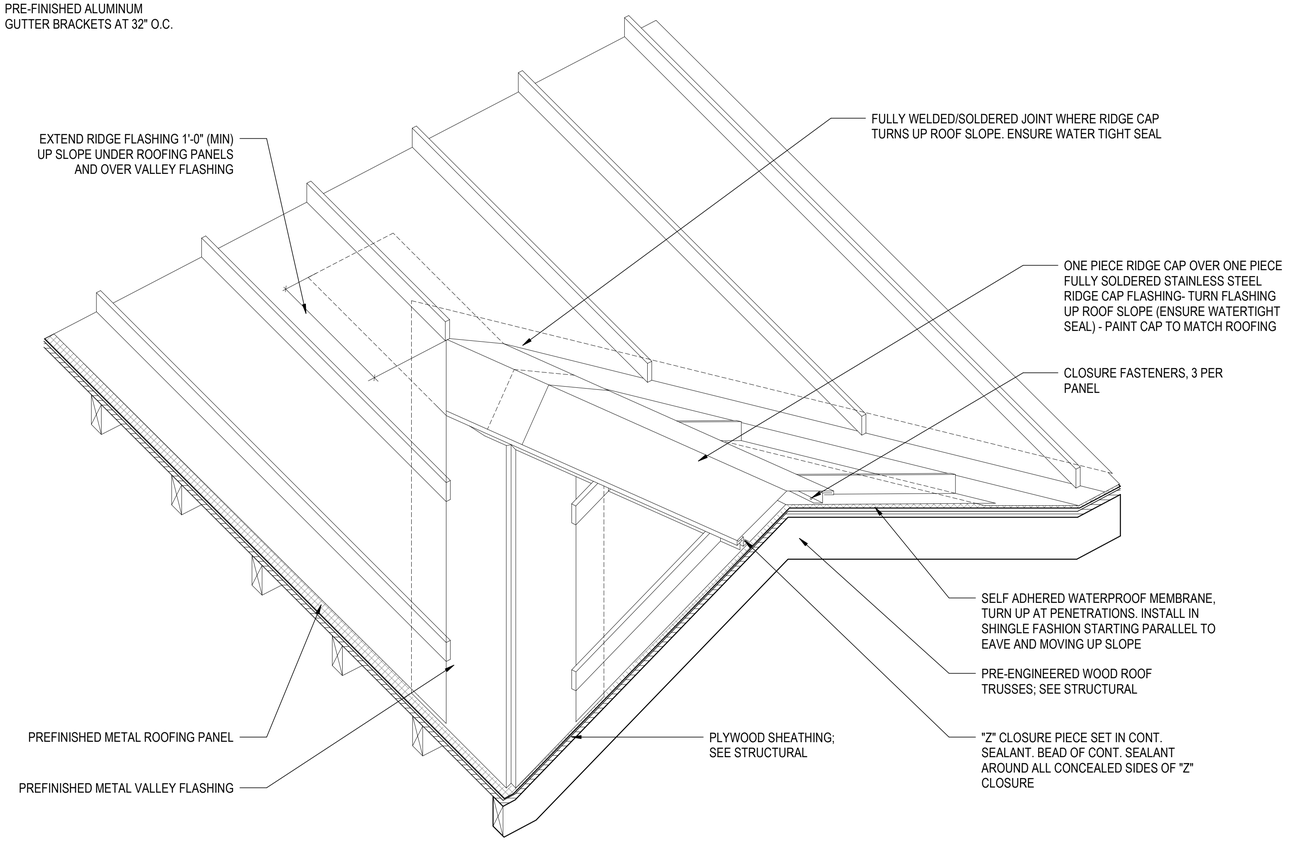
1 / A-142 TYPICAL EAVE DETAIL

1 1/2" = 1'-0"



3 / A-142 EQUIPMENT CURB - PLAN VIEW

1" = 1'-0"



2 / A-142 RIDGE TRANSITION DETAIL - TYPICAL ISOMETRIC

1 1/2" = 1'-0"

0 4" 8" 1'-4"

SCALE: 1 1/2" = 1'-0"

PERMIT SET
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ROOF DETAILS

Rev.			
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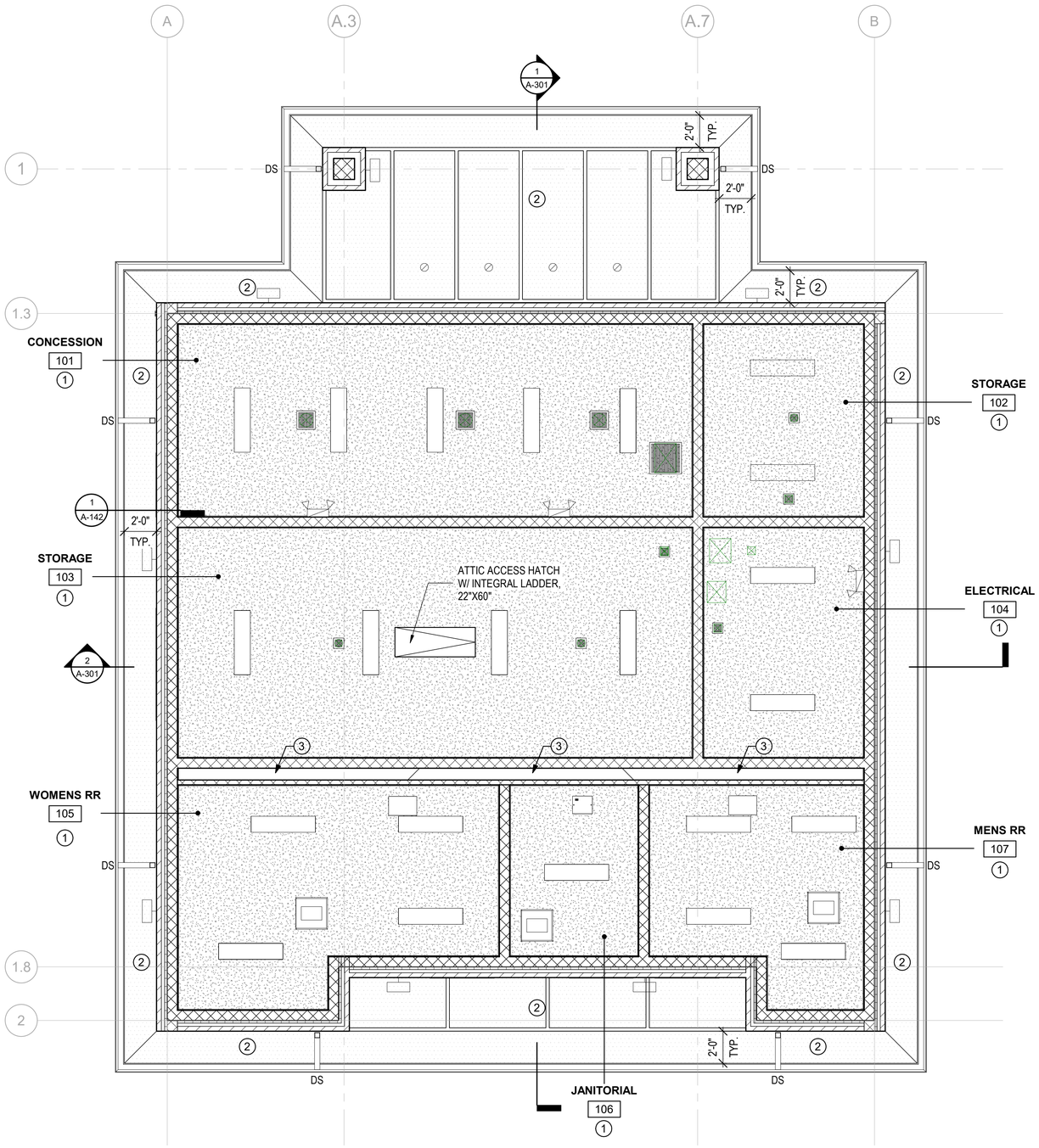
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



PLAN NORTH

1 A-150 REFLECTED CEILING PLAN

1/4" = 1'-0"

REFLECTED CEILING NOTES

1. ALL INTERIOR CEILING HEIGHTS ARE 10'-3" UNLESS NOTED OTHERWISE.
2. PROVIDE MOISTURE RESISTANT GYPSUM WALL BOARD AT ALL INTERIOR CEILINGS.
3. PROVIDE ACCESS PANELS IN GYPSUM BOARD CEILING AT LOCATIONS REQUIRING MAINTENANCE ACCESS TO PLUMBING, MECHANICAL, AND ELECTRICAL COMPONENTS.

GRAPHIC LEGEND

- (1) GYPSUM BOARD CEILING (PAINTED), ATTACHED TO UNDERSIDE OF TRUSSES
- (2) HARDIE PANEL SOFFIT
- (3) OPEN TO STRUCTURE ABOVE
- 1 X 3 PAINTED COMPOSITE BATTEN TRIM AT HARDIE PANEL SEAMS
- 1 X 4 LIGHTING FIXTURE, SEE ELECTRICAL DRAWINGS
- EXTERIOR LIGHTING FIXTURE (WALL MOUNTED), SEE ELECTRICAL DRAWINGS
- CEILING DIFFUSER, SEE MECHANICAL DRAWINGS
- RETURN AIR GRILLE, SEE MECHANICAL DRAWINGS
- CEILING EXHAUST, SEE MECHANICAL DRAWINGS
- EMERGENCY WALL PACK, SEE ELECTRICAL
- CEILING MOUNTED ACCESS HATCH WITH LADDER, COORDINATE LOCATION W/ MECHANICAL AND STRUCTURAL DRAWINGS
- 9'-0" CEILING HEIGHT
- 101 ROOM NUMBER DESIGNATION

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

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CEILING PLAN

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Designed by:	Designer
Drawn by:	Author
Cut by:	Checker
Reviewed by:	Checker
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	2022-11-22
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev.	

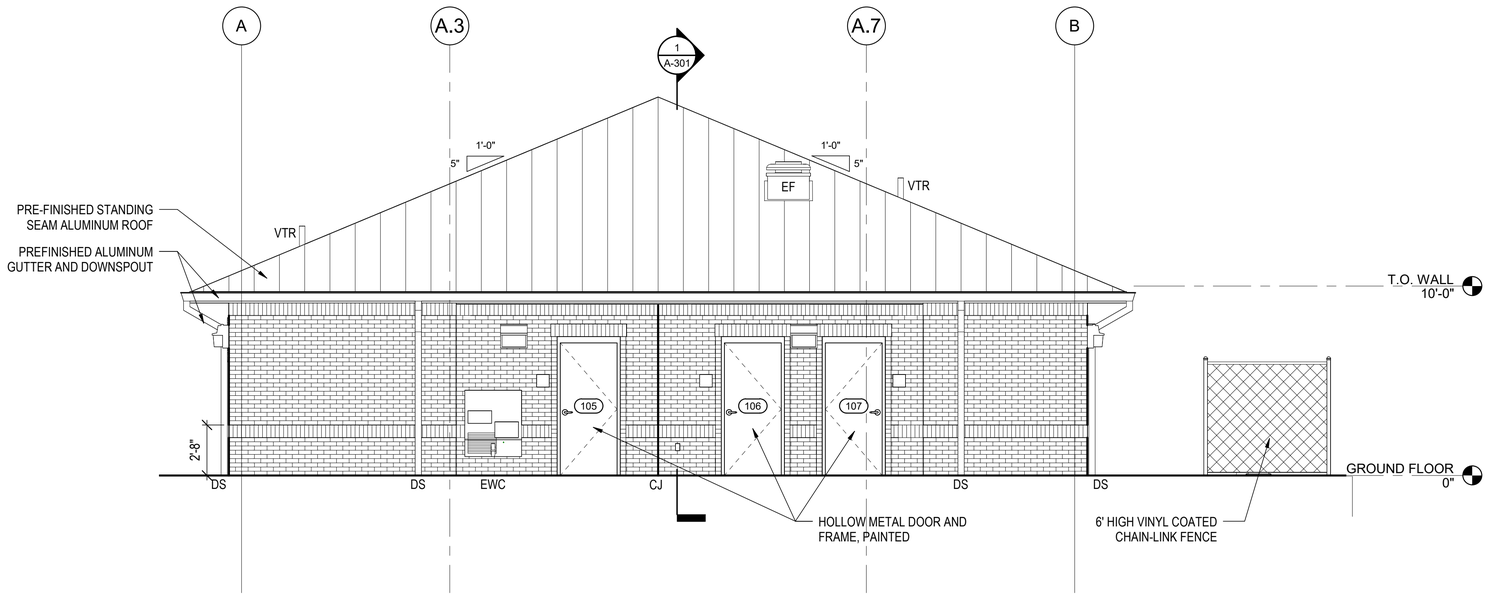
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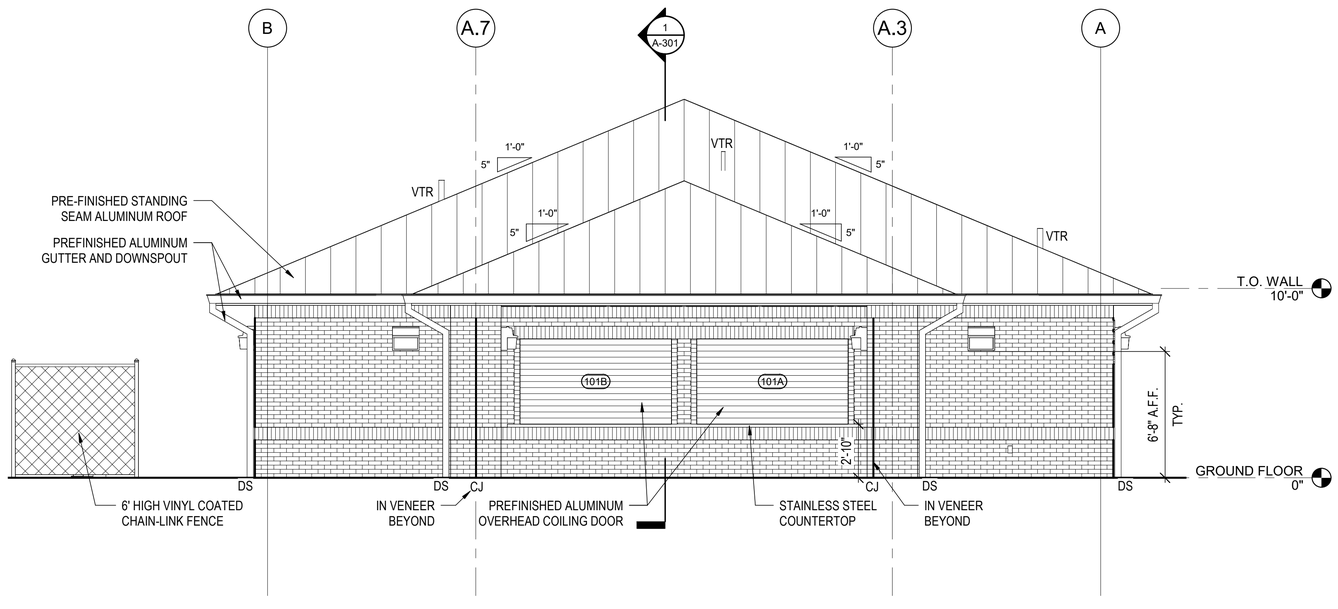
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



1 A-201 SOUTH ELEVATION
1/4" = 1'-0"



2 A-201 NORTH ELEVATION
1/4" = 1'-0"

ELEVATION NOTES

1. IN ADDITION TO NOTED LOCATIONS, ALL INSIDE CORNERS AT BRICK VENEER SHALL HAVE CONTROL JOINTS WITH BACKER ROD AND SEALANT (COLOR TO MATCH FIELD BRICK).

GRAPHIC LEGEND

	BRICK VENEER, RUNNING BOND (FIELD COLOR)
	BRICK VENEER, SOLDIER COURSE (ACCENT COLOR)
	PREFINISHED STANDING SEAM ALUMINUM ROOF
DS	PREFINISHED ALUMINUM DOWNSPOUT, CONNECT TO STORM DRAIN PIPING VIA CAST IRON BOOT, U.N.O., SEE CIVIL DRAWINGS
CJ	BRICK CONTROL JOINT W/BACKER ROD AND SEALANT, ALIGN W/ STRUCTURAL CMU CONTROL JOINTS
EF	EXHAUST FAN; SEE MECHANICAL DRAWINGS
WH	WALL HYDRANT; SEE PLUMBING

EXTERIOR COLOR SCHEDULE

BRICK VENEER	CHEROKEE BRICK FIELD: M/S VELOUR "BURGUNDY" ACCENT: M/S VELOUR "LIGHT GRAY"
BRICK MORTAR	JENKINS BRICK & TILE "COOSA LIGHT BUFF"
STANDING SEAM ALUMINUM ROOF	PAC-CLAD TITE LOC PLUS "CHAMPAGNE"
FASCIA, GUTTERS AND DOWNSPOUTS	MATCH ROOF COLOR
SOFFIT PANEL	SW 9109 "NATURAL LINEN"
OVERHEAD COILING DOORS	304 STAINLESS STEEL
HOLLOW METAL DOORS	SW 6046 "SWING BROWN"
EXPOSED CMU	SW 9087 "SMOKY BEIGE"

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

PERMIT SET
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EXTERIOR ELEVATIONS

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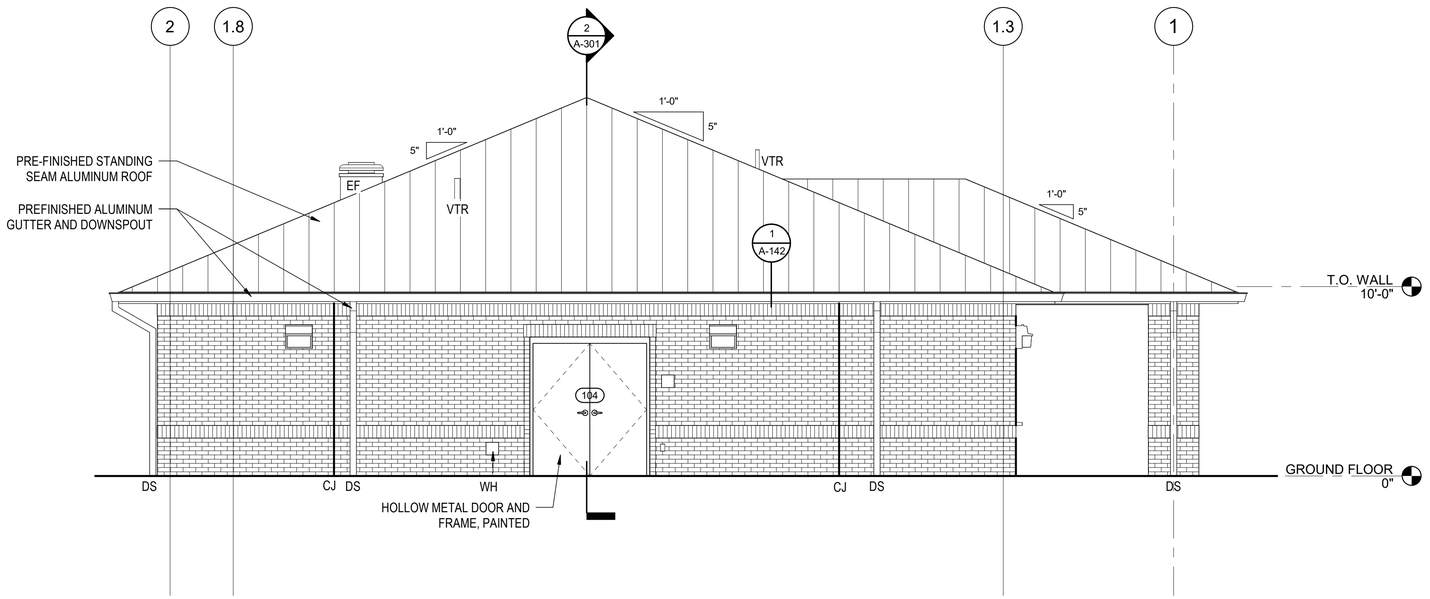
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Drawn by: Author	Date: 2022-11-22
Qcd by: Checker	M&N Project No. 202000
Reviewed by: Checker	Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (D SHEET)

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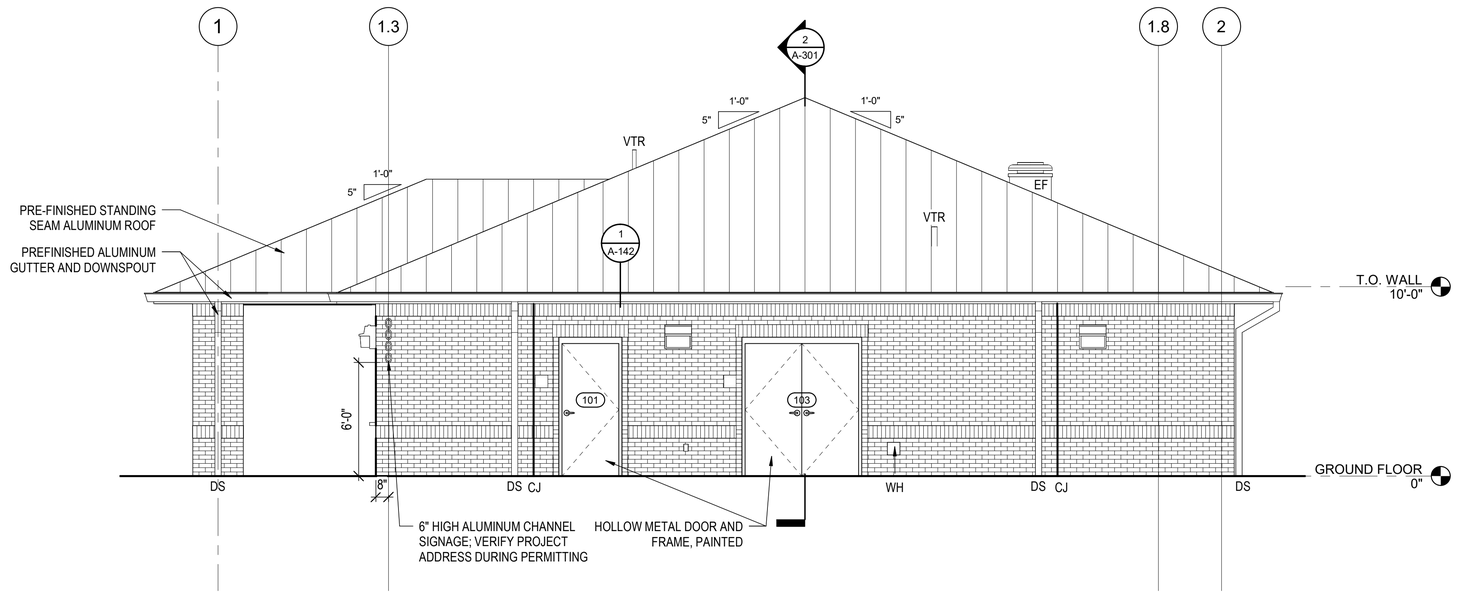
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



1 A-202 EAST ELEVATION
1/4" = 1'-0"



2 A-202 WEST ELEVATION
1/4" = 1'-0"

ELEVATION NOTES

1. IN ADDITION TO NOTED LOCATIONS, ALL INSIDE CORNERS AT BRICK VENEER SHALL HAVE CONTROL JOINTS WITH BACKER ROD AND SEALANT (COLOR TO MATCH FIELD BRICK).

GRAPHIC LEGEND

	BRICK VENEER, RUNNING BOND (FIELD COLOR)
	BRICK VENEER, SOLDIER COURSE (ACCENT COLOR)
	PREFINISHED STANDING SEAM ALUMINUM ROOF
DS	PREFINISHED ALUMINUM DOWNSPOUT, CONNECT TO STORM DRAIN PIPING VIA CAST IRON BOOT, U.N.O., SEE CIVIL DRAWINGS
CJ	BRICK CONTROL JOINT W/BACKER ROD AND SEALANT, ALIGN W/ STRUCTURAL CMU CONTROL JOINTS
EF	EXHAUST FAN; SEE MECHANICAL DRAWINGS
WH	WALL HYDRANT; SEE PLUMBING

EXTERIOR COLOR SCHEDULE

BRICK VENEER	CHEROKEE BRICK FIELD: M/S VELOUR "BURGUNDY" ACCENT: M/S VELOUR "LIGHT GRAY"
BRICK MORTAR	JENKINS BRICK & TILE "COOSA LIGHT BUFF"
STANDING SEAM ALUMINUM ROOF	PAC-CLAD TITE LOC PLUS "CHAMPAGNE"
FASCIA, GUTTERS AND DOWNSPOUTS	MATCH ROOF COLOR
SOFFIT PANEL	SW 9109 "NATURAL LINEN"
OVERHEAD COILING DOORS	304 STAINLESS STEEL
HOLLOW METAL DOORS	SW 9046 "SWING BROWN"
EXPOSED CMU	SW 9087 "SMOKY BEIGE"

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

PERMIT SET
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EXTERIOR ELEVATIONS

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Date:	2022-11-22
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Drawn by:	Author
Checked by:	Checker
Reviewed by:	Checker
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (0 SHEET)

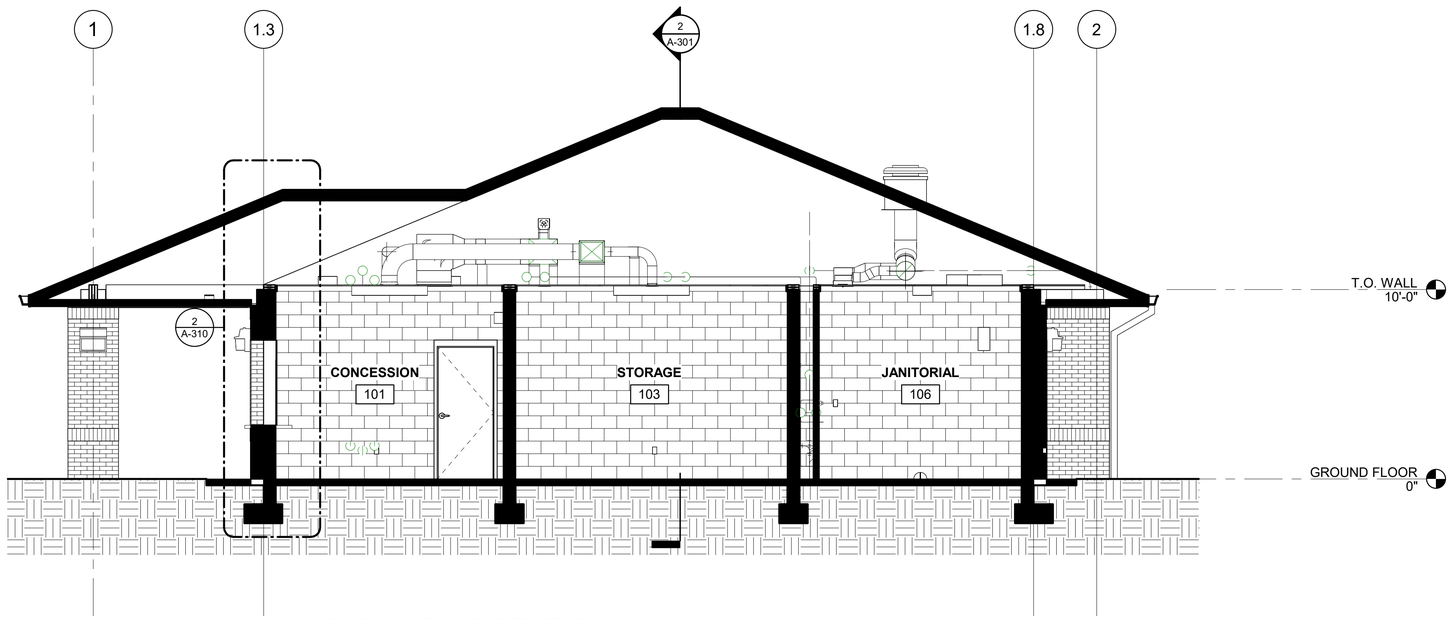
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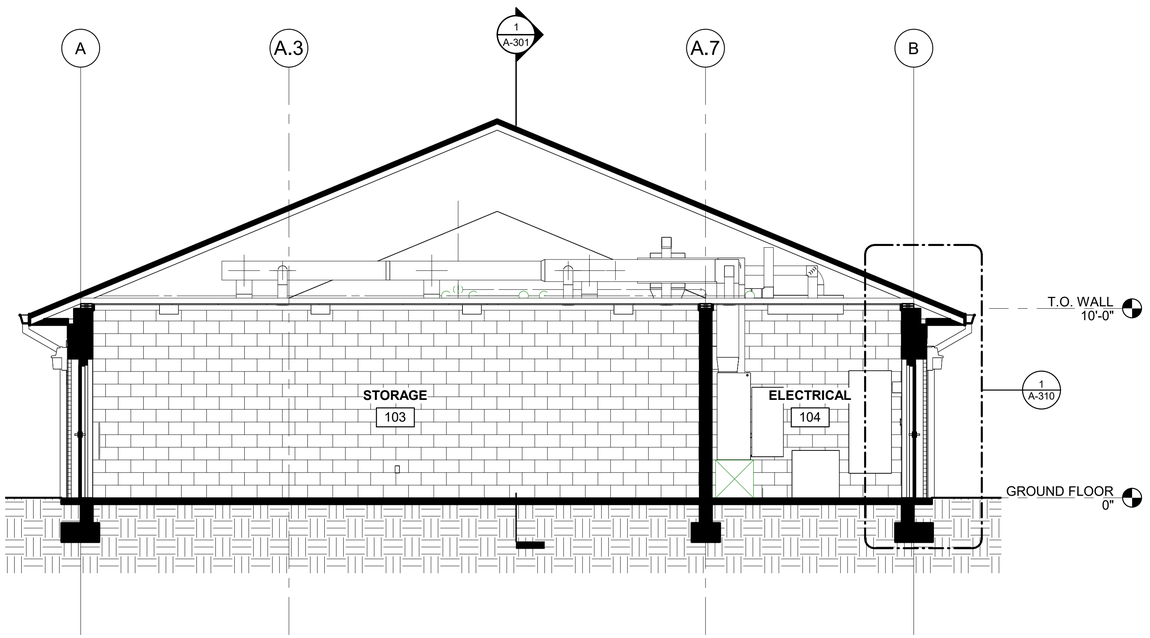
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



1 A-301 BUILDING SECTION
1/4" = 1'-0"



2 A-301 BUILDING SECTION
1/4" = 1'-0"

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

PERMIT SET
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BUILDING SECTIONS

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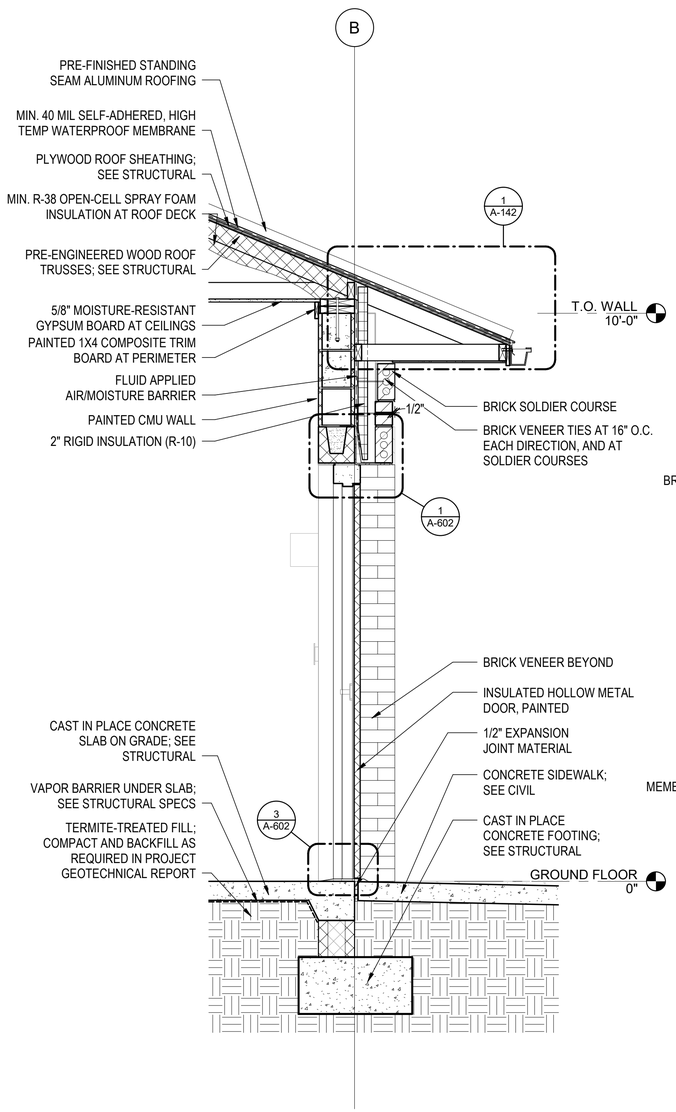
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Drawn by: Author	Date: 2022-11-22
Reviewed by: Checker	Cad by: Checker
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	M&N Project No. 202000
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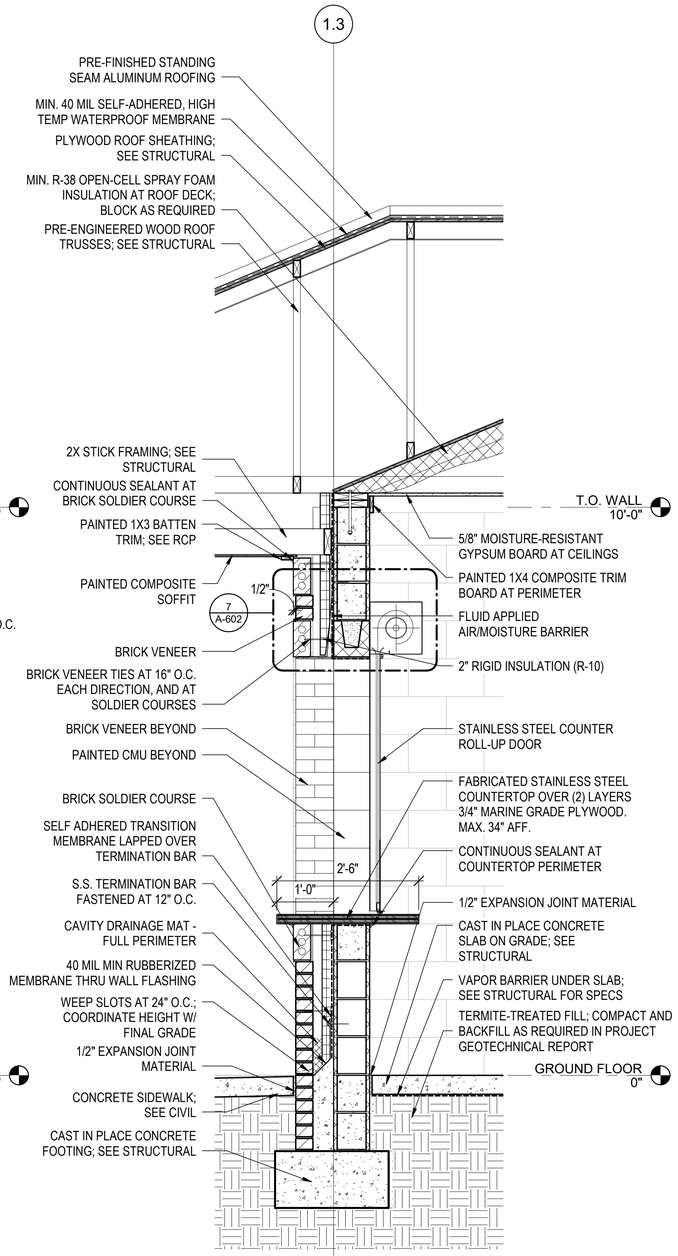
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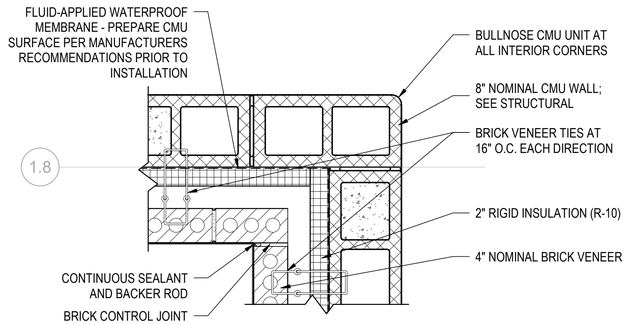
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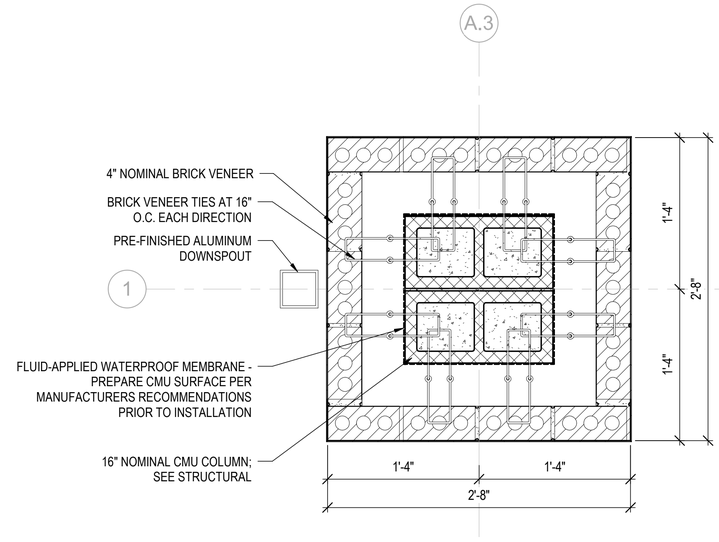
1 A-310 — TYP. WALL SECTION
3/4" = 1'-0"



2 A-310 — WALL SECTION AT COUNTER DOORS
3/4" = 1'-0"



3 A-310 — TYP. INSIDE CORNER DETAIL
1 1/2" = 1'-0"



4 A-310 — BRICK COLUMN DETAIL
1 1/2" = 1'-0"

0 4" 8" 1'-4"
SCALE: 1 1/2" = 1'-0"

0 8" 1'-4" 2'-8"
SCALE: 3/4" = 1'-0"

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WALL SECTIONS AND PLAN DETAILS

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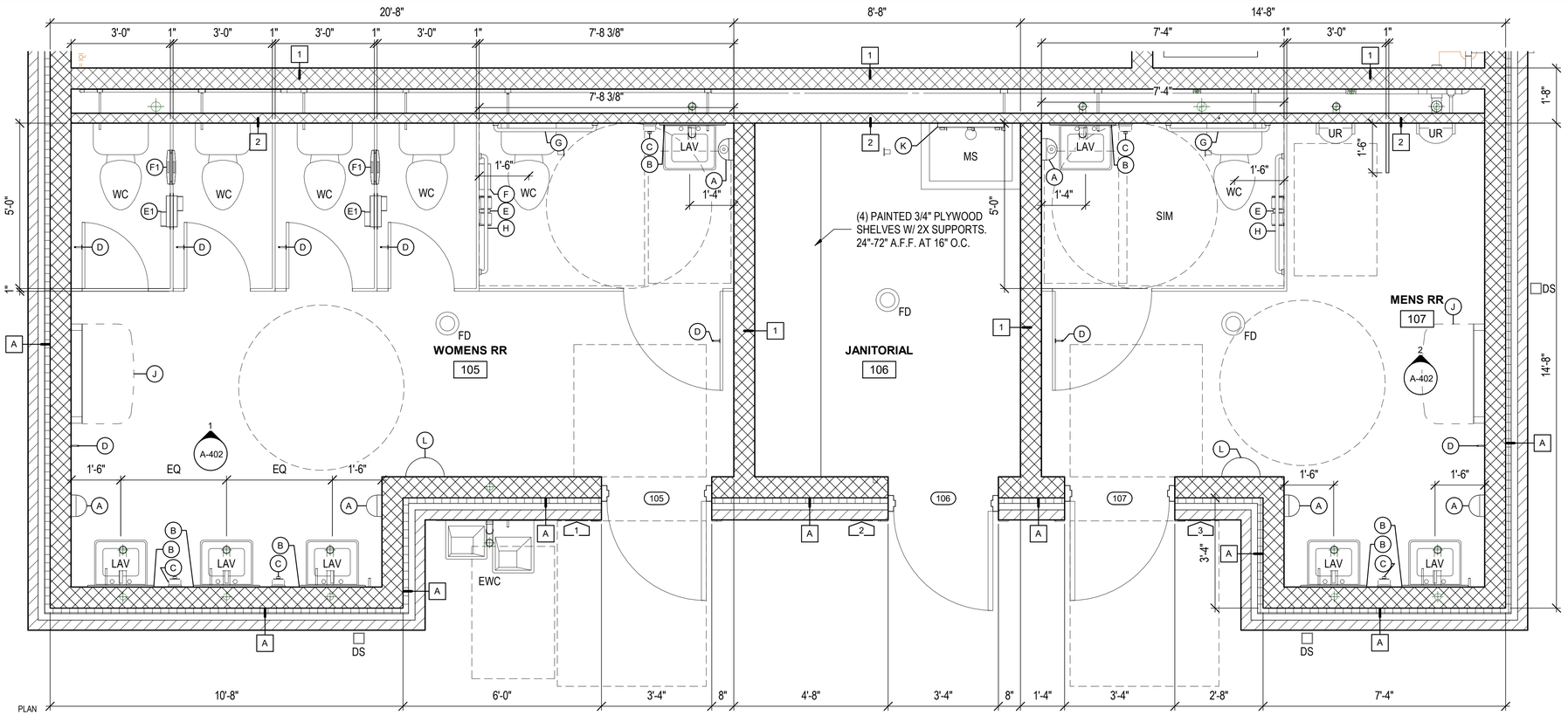
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Date:	2022-11-22
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Drawn by:	Author
Checked by:	Checker
Reviewed by:	Checker
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
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Drawing Scale:	
Plot scale:	1:1 (0 SHEET)

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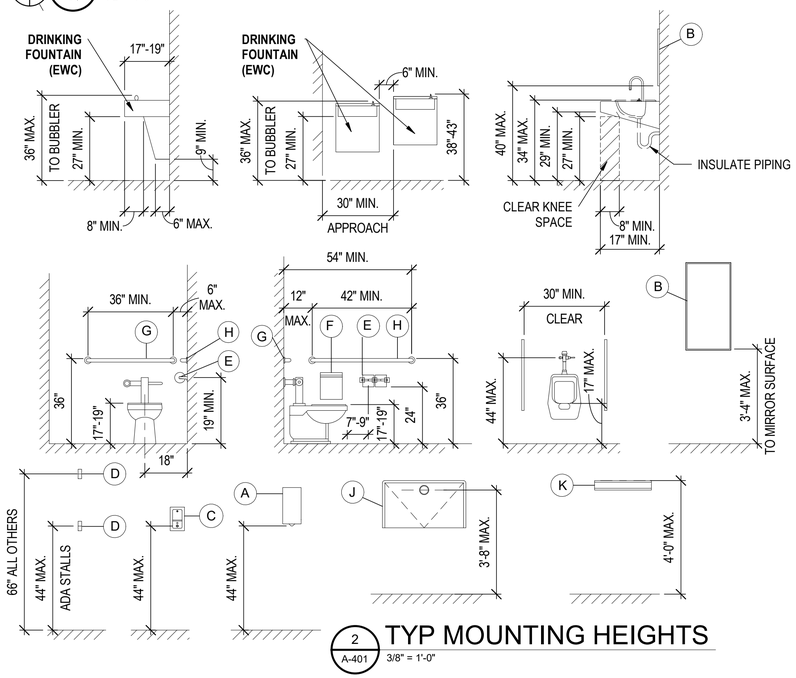
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PLAN NORTH

1 / A-401 ENLARGED RESTROOMS & JANITORIAL PLAN

1/2" = 1'-0"



2 / A-401 TYP MOUNTING HEIGHTS

3/8" = 1'-0"

GRAPHIC LEGEND

ROOM NAME / 101A	ROOM NAME / NUMBER DESIGNATION
101	DOOR NUMBER
A	ACCESSORY ITEM
1A	WALL TYPE
FD	FLOOR DRAIN
EWC	ELECTRIC WATER COOLER , SEE PLUMBING
MS	MOP SINK, SEE PLUMBING
LAV	LAVATORY
WC	WATER CLOSET
UR	URINAL
	SIGNAGE

ACCESSORY SCHEDULE

MARK	ITEM/DESCRIPTION	ABBREV.	MFR.	MODEL	REMARKS
A	PAPER TOWEL DISPENSER	PTD	-	-	-
B	MIRROR	MR	-	-	-
C	WALL MOUNTED SOAP DISPENSER	SD	-	-	-
D	PURSE HOOK	HK	-	-	BY TOILET PARTITION MFR AT STALLS
E	TOILET TISSUE DISPENSER	TTD	-	-	-
E1	DUAL TOILET TISSUE DISPENSER	TTD2			PARTITION MOUNT
F	SANITARY NAPKIN DISPOSAL	SND	-	-	-
F1	SANITARY NAPKIN DISPOSAL	SND2			PARTITION MOUNT
G	GRAB BAR - 36"	GB36	BRADLEY	800	-
H	GRAB BAR - 42"	GB42	BRADLEY	800	-
J	BABY CHANGING STATION	BCS	-	-	-
K	MOP HOLDER	MH	BRADLEY	9984	-
L	WASTE RECEPTACLE	WR	-	-	-

NOTES:
1. TOILET ACCESSORIES, WITH THE EXCEPTION OF GRAB BARS, WILL BE OWNER-FURNISHED, CONTRACTOR INSTALLED.
2. SEE 2/A-401 FOR ALL ACCESSIBLE MOUNTING HEIGHTS.
3. MANUFACTURERS LISTED ARE FOR BASIS-OF-DESIGN.

0 1'-4" 2'-8" 5'-4"
SCALE: 3/8" = 1'-0"

0 1' 2' 4'
SCALE: 1/2" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

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ENLARGED PLANS

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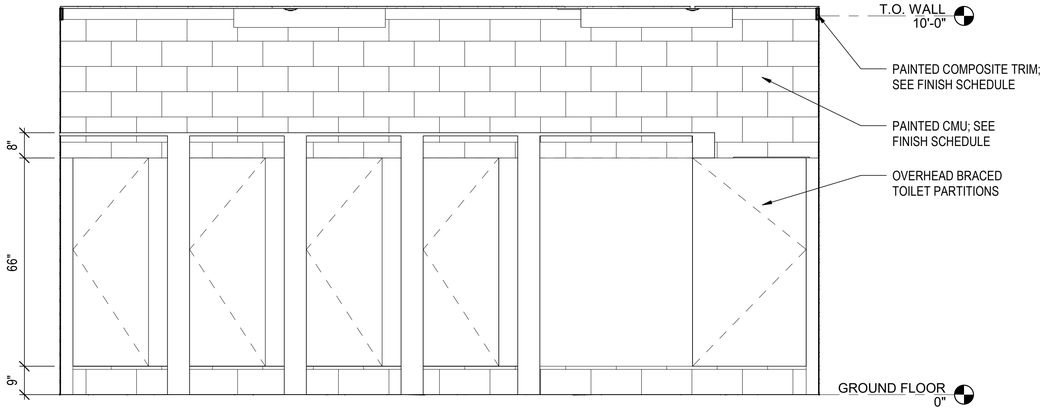
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Drawn by: Author	Dckd by: Checker
Reviewed by: Checker	M&N Project No. 202000
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing code:
	Drawing Scale:
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



1 / A-402 105 WOMEN TLT ELEVATION

1/2" = 1'-0"

2 / A-402 107 MEN TLT ELEVATION

1/2" = 1'-0"

GRAPHIC LEGEND

ROOM NAME	
101A	ROOM NAME / NUMBER DESIGNATION
101	DOOR NUMBER
A	ACCESSORY ITEM
1A	WALL TYPE
FD	FLOOR DRAIN
EWC	ELECTRIC WATER COOLER , SEE PLUMBING
MS	MOP SINK, SEE PLUMBING
LAV	LAVATORY
WC	WATER CLOSET
UR	URINAL
	SIGNAGE

ACCESSORY SCHEDULE

MARK	ITEM/DESCRIPTION	ABBREV.	MFR.	MODEL	REMARKS
A	PAPER TOWEL DISPENSER	PTD	-	-	-
B	MIRROR	MR	-	-	-
C	WALL MOUNTED SOAP DISPENSER	SD	-	-	-
D	PURSE HOOK	HK	-	-	BY TOILET PARTITION MFR AT STALLS
E	TOILET TISSUE DISPENSER	TTD	-	-	-
E1	DUAL TOILET TISSUE DISPENSER	TTD2			PARTITION MOUNT
F	SANITARY NAPKIN DISPOSAL	SND	-	-	-
F1	SANITARY NAPKIN DISPOSAL	SND2			PARTITION MOUNT
G	GRAB BAR - 36"	GB36	BRADLEY	800	-
H	GRAB BAR - 42'	GB42	BRADLEY	800	-
J	BABY CHANGING STATION	BCS	-	-	-
K	MOP HOLDER	MH	BRADLEY	9984	-
L	WASTE RECEPTACLE	WR	-	-	-

0 1' 2' 4'

SCALE: 1/2" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

INTERIOR ELEVATIONS

809 East Cervantes
Pensacola, FL 32501
AA0001074
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Phone: 850.434.5444

architecture with purpose

SANTA ROSA COUNTY
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MILTON, FL 32570

Designed by:	Designer
Drawn by:	Author
Cked by:	Checker
Reviewed by:	Checker
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	2022-11-22
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev.	

SEAL

Sheet
Reference No.

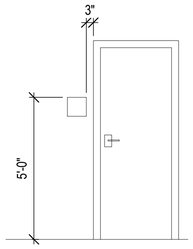
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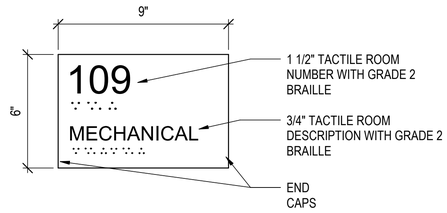
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

SIGNAGE SCHEDULE

MARK	ROOM NO.	ROOM NAME	TYPE	MOUNT LOCATION
1	105	WOMENS RR	TYPE A	WALL
2	106	JANITORIAL	TYPE C	WALL
3	107	MENS RR	TYPE B	WALL
4	103	STORAGE	TYPE C	WALL
5	101	CONCESSION	TYPE C	WALL
6	104	ELECTRICAL	TYPE C	WALL
7	102	STORAGE	TYPE C	WALL

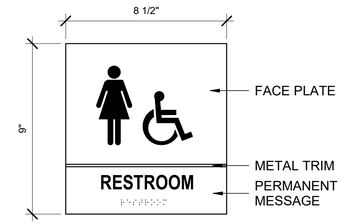




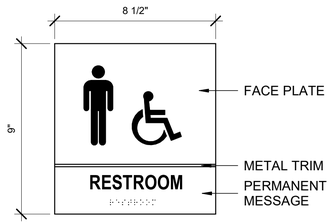
USE FOR ALL PERMANENT BUILDING SERVICE SPACES. SIGNS WILL HAVE ROOM NUMBERS, ROOM NAMES AND BRAILLE.

1 A-601 SIGN MOUNTING - TYPICAL
3/8" = 1'-0"

2 A-601 SIGN TYPE C
3" = 1'-0"



USE FOR TOILETS WITH GENDER NAMES AND SYMBOLS. WILL HAVE ROOM NAME AND BRAILLE



USE FOR TOILETS WITH GENDER NAMES AND SYMBOLS. WILL HAVE ROOM NAME AND BRAILLE

3 A-601 SIGN TYPE A
3" = 1'-0"

4 A-601 SIGN TYPE B
3" = 1'-0"

DOOR SCHEDULE

MARK	DOOR SIZE WD	DOOR SIZE HT	DOOR SIZE THK	DOOR MAT	DOOR ELEV	FRAME MAT	FRAME ELEV	DETAIL HEAD	DETAIL JAMB	DETAIL SILL	HARDWARE SET NO	HARDWARE KEYSIDE ROOM NUMBER	COMMENTS
101	3'-0"	7'-0"	1 3/4"	HM	A	HM	1	1/A-602	2/A-602	3/A-602	3	EXT	
101A	8'-0"	4'-6"	1"	SS	C	SS	-	7/A-602	8/A-602	-	-	-	
101B	8'-0"	4'-6"	1"	SS	C	SS	-	7/A-602	8/A-602	-	-	-	
102	3'-0"	7'-0"	1 3/4"	HM	A	HM	1	4/A-602	5/A-602	6/A-602	5	101	
103	6'-0"	7'-0"	1 3/4"	HM	B	HM	1	1/A-602	2/A-602	3/A-602	2	EXT	
104	6'-0"	7'-0"	1 3/4"	HM	B	HM	1	1/A-602	2/A-602	3/A-602	2	EXT	
105	3'-0"	7'-0"	1 3/4"	HM	A	HM	1	1/A-602	2/A-602	3/A-602	1	EXT	
106	3'-0"	7'-0"	1 3/4"	HM	A	HM	1	1/A-602	2/A-602	3/A-602	4	EXT	
107	3'-0"	7'-0"	1 3/4"	HM	A	HM	1	1/A-602	2/A-602	3/A-602	1	EXT	

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR MAT	FLOOR FIN	BASE MAT	BASE FIN	WALLS NORTH MAT	WALLS NORTH FIN	WALLS NORTH COLOR	WALLS EAST MAT	WALLS EAST FIN	WALLS EAST COLOR	WALLS SOUTH MAT	WALLS SOUTH FIN	WALLS SOUTH COLOR	WALLS WEST MAT	WALLS WEST FIN	WALLS WEST COLOR	CEILING MAT	CEILING COLOR	REMARKS
101	CONCESSION	EPT	2	--	--	CMU	PT	1	CMU	PT	1	CMU	PT	2	CMU	PT	1	MRGWB	PT3	
102	STORAGE	EPT	2	--	--	CMU	PT	1	CMU	PT	1	CMU	PT	1	CMU	PT	1	MRGWB	PT3	
103	STORAGE	EPT	1	--	--	CMU	PT	1	CMU	PT	1	CMU	PT	1	CMU	PT	1	MRGWB	PT3	
104	ELECTRICAL	EPT	1	--	--	CMU	PT	1	CMU	PT	1	CMU	PT	1	CMU	PT	1	MRGWB	PT3	
105	WOMENS RR	EPT	1	--	--	CMU	PT	2	CMU	PT	1	CMU	PT	1	CMU	PT	1	MRGWB	PT3	
106	JANITORIAL	EPT	1	--	--	CMU	FRP / PT	1 / 1	CMU	FRP / PT	1 / 1	CMU	PT	1	CMU	PT	1	MRGWB	PT3	
107	MENS RR	EPT	1	--	--	CMU	PT	2	CMU	PT	1	CMU	PT	1	CMU	PT	1	MRGWB	PT3	

ROOM FINISH / COLOR SCHEDULE KEY

INTERIOR FLOOR FINISHES
- EPT1 SEALED CONCRETE WITH SHERWIN WILLIAMS ARMORSEAL 8100 EPOXY FLOOR COATING; COLOR: CALYPSO SW6950
- EPT2 SEALED CONCRETE WITH SHERWIN WILLIAMS RESUFLOR SYSTEM; CHIPS UNLIMITED; 1/8" FLAKE SIZE; COLOR: BX430

INTERIOR WALL FINISHES
- FRP FIBERGLASS REINFORCED PANELS: CRANE COMPOSITES; SANDSTONE TEXTURED; COLOR: MORNING MIST GRAY
- PT1 PAINT: SHERWIN WILLIAMS: SW 7656 RHINESTONE; FINISH: SEMI-GLOSS
- PT2 PAINT: SHERWIN WILLIAMS: SW 6965 HYPER BLUE; FINISH: SEMI-GLOSS; ACCENT WALL

INTERIOR CEILING FINISHES
- PT3 PAINT: SHERWIN WILLIAMS: SW 7006 EXTRA WHITE; FINISH: EG-SHEL

INTERIOR MISCELLANEOUS
- TP1 TOILET PARTITIONS: SCRANTON PRODUCTS HINY HIDERS COLOR: STAINLESS HAMMERED
- PT4 TRIM: SHERWIN WILLIAMS: SW 7074 SOFTWARE; FINISH: SEMI-GLOSS

EXTERIOR SIGNAGE

FACE MATERIAL: ALUMINUM COMPOSITE MATERIAL; COLOR: KONING BLUE ACM-RB-KB

LETTERING: REFLECTIVE VINYL; COLOR: WHITE REFLECTIVE 280-10

TEXT STYLE: HELVETICA

BASIS OF DESIGN: TAKEFORM - SIGNIFY QUAD 01

NOTE: FINISHES INDICATED ARE THE APPROVED BASIS OF DESIGN TO CONVEY COLOR, PATTERN, TEXTURE, AND SALIENT MATERIAL/PERFORMANCE CHARACTERISTICS ONLY. THE LISTING OF MANUFACTURER INFORMATION IS NOT INTENDED TO LIMIT THE SELECTION OF PRODUCTS PROVIDED BY ANOTHER MANUFACTURER.

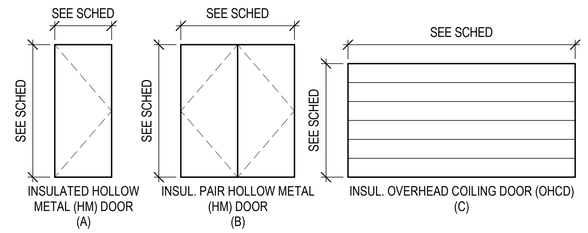
GENERAL NOTES

1. REFER TO REFLECTED CEILING PLAN SHEET(S) A-150 FOR CEILING HEIGHTS.
2. ALL INTERIOR HOLLOW METAL DOORS AND FRAMES SHALL BE PAINTED PT4.
3. ALL ELECTRICAL SWITCHES, RECEPTACLES, VOICE AND DATA PLATES SHALL BE STAINLESS STEEL.
4. ALL PLUMBING FIXTURES SHALL BE WHITE.
5. CLEAN AND PREP ALL EXISTING SURFACES FOR NEW FINISH.
6. PROVIDE FRP PANELS TO HEIGHT OF 48" ON 2 SIDES SURROUNDING JANITOR SINK. PROVIDE TOP AND SIDE TRIM PIECES.

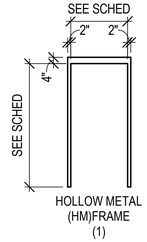
ROOM FINISH / COLOR SCHEDULE ABBR. / KEY

CMU -	CONCRETE MASONRY UNIT	MRGWB -	MOISTURE RESISTANT GYPSUM WALLBOARD
EPT -	EPOXY PAINT COATING		
EX -	EXISTING CONSTRUCTION	PL-	PLASTIC LAMINATE
FRP -	FIBERGLASS REINFORCED PANELS	PT -	PAINT
		SC -	SEALED CONCRETE
IS -	INTERIOR SIGNAGE	TP -	TOILET PARTITION

DOOR ELEVATIONS



DOOR FRAME ELEVATIONS



0 1'-4" 2'-8" 5'-4"

SCALE: 3/8" = 1'-0"

0 2" 4" 8"

SCALE: 3" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY, FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

OPENING SCHEDULE AND DETAILS

BTA architecture with purpose
909 East Cervantes
Pensacola, FL 32501
(850) 607-0074
www.bullticktico.com
Fax: 850.432.5208
Phone: 850.434.5444

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by: Designer	Date: 2022-11-22
Drawn by: Author	Cad by: Checker
Reviewed by: Checker	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
M&N Project No. 202000	Rev.
Drawing code:	
Drawing Scale:	Plot scale: 1:1 (D SHEET)

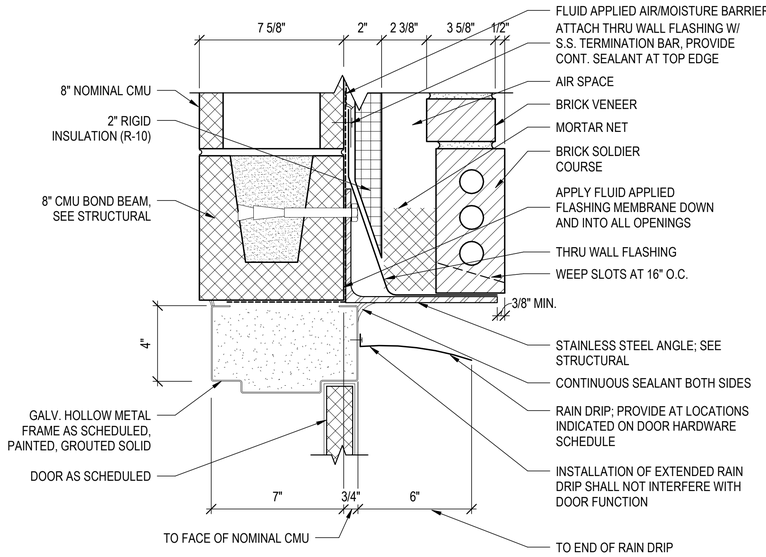
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Sheet Reference No.

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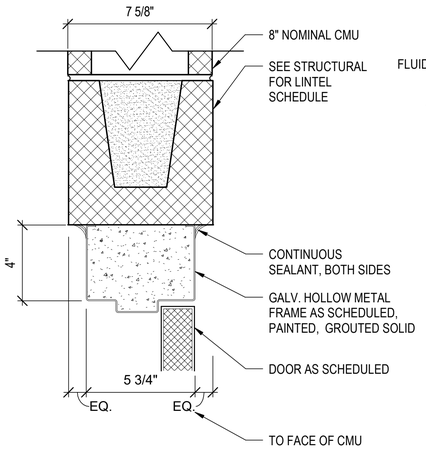
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



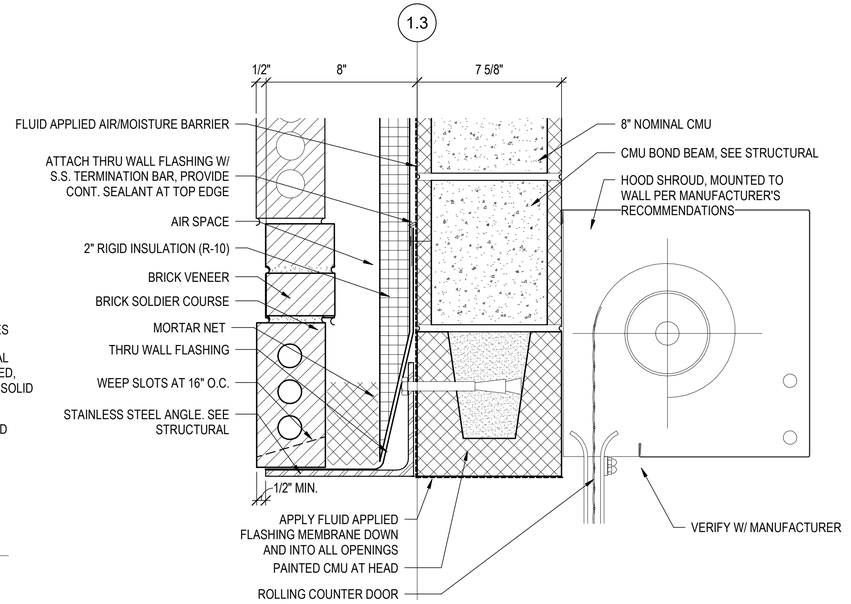
1 A-602 H.M. DOOR HEAD @ 8" CMU

3" = 1'-0"



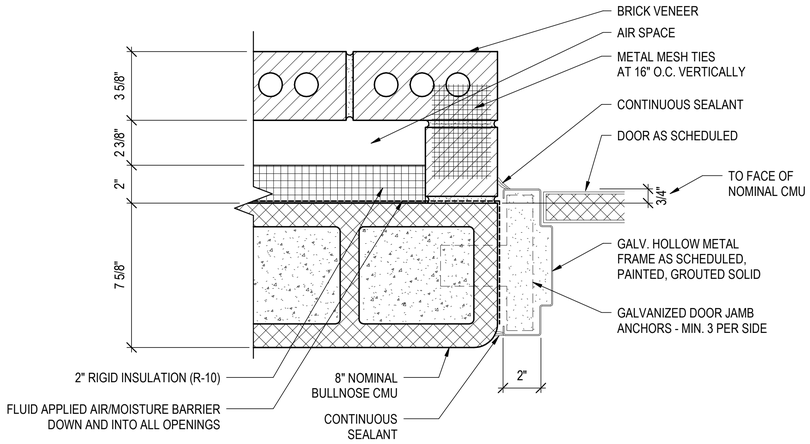
4 A-602 DOOR - INT. 8" CMU HM HEAD

3" = 1'-0"



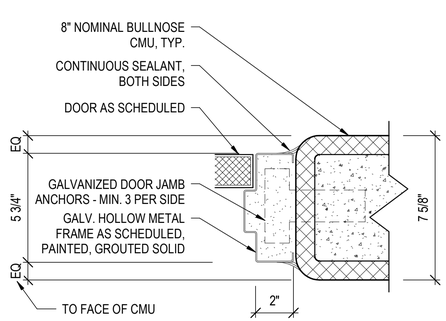
7 A-602 COUNTER DOOR HEAD DETAIL

3" = 1'-0"



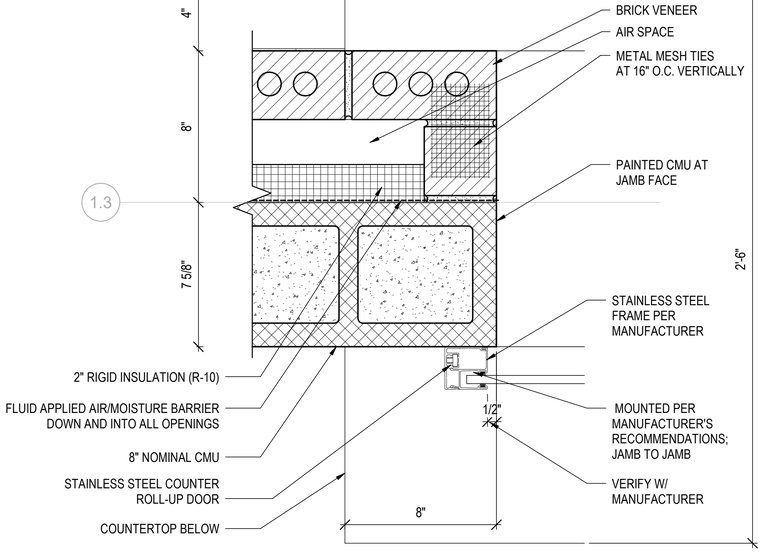
2 A-602 H.M. DOOR JAMB @ 8" CMU

3" = 1'-0"



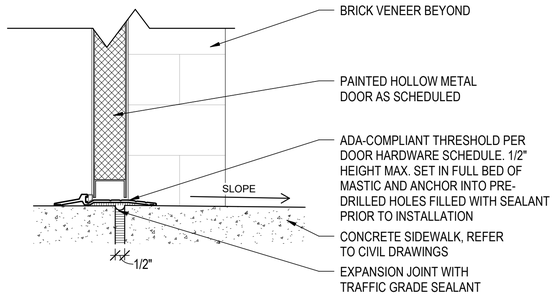
5 A-602 DOOR - INT. 8" CMU HM JAMB

3" = 1'-0"



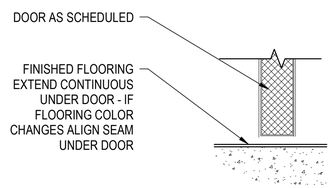
8 A-602 COUNTER DOOR JAMB DETAIL

3" = 1'-0"



3 A-602 H.M. DOOR EXTERIOR SILL, TYP.

3" = 1'-0"



6 A-602 SILL DETAIL - FLR. CONT.

3" = 1'-0"

0 2" 4" 8"

SCALE: 3" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY, FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

DOOR AND WINDOW DETAILS

909 East Cervantes
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Phone: 850.434.5444

BTA architecture with purpose

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Rev.	
Date:	2022-11-22
Designed by:	
Designer	
Dwn by:	Bcd by:
Author	Checker
Reviewed by:	
Checker	
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)

SEAL

Sheet Reference No.

A-602

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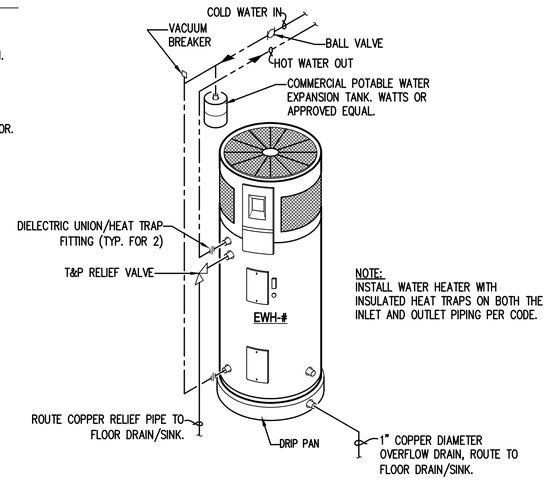
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

General Plumbing Notes:

1. THE CONTRACTOR SHALL EXECUTE ALL WORK SO THAT IT PROCEEDS WITH A MINIMUM INTERFERENCE WITH OTHER TRADES.
2. VERIFY EXACT PLUMBING FIXTURE ROUGH-IN AND FINAL PLUMBING EQUIPMENT REQUIREMENTS IN THE FIELD.
3. DRAIN & WASTE BELOW GRADE SHALL BE POLY VINYL CHLORIDE (PVC) SYSTEM "ASTM D 2665" BELOW GRADE. DRAIN, WASTE, AND VENT PIPING SHALL BE CAST-IRON PIPE AND FITTINGS FOR ABOVE GRADE WHERE RETURN AIR PLENUMS ARE PRESENT.
4. DOMESTIC WATER PIPING SHALL BE ASTM B 88, TYPE K, WITH ANSI B16.18 OR ANSI B16.22 SOLDER JOINT FITTINGS USING SILVER SOLDER AND FLUX CONTAINING NOT MORE THAN 0.2 PERCENT LEAD; OR WITH ANSI B16.26 FLARED JOINT FITTINGS. ASTM B 88, TYPE L MAY BE PROVIDED FOR ABOVEGROUND PIPING.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTIONS TO PLUMBING FIXTURES. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, FURNISHING AND INSTALLING ALL TRAPS, DRAINS, AND SUPPLIES WITH STOPS. FURNISH AND INSTALL PLUMBING FIXTURES INDICATED OR SPECIFIED, COMPLETE WITH ALL EQUIPMENT, FITTINGS, TRIM AND ACCESSORIES INDICATED OR SPECIFIED. EXPOSED WATER PIPING TO FIXTURES SHALL BE CHROME-PLATED BRASS, IPS. ADJUST WATER FLOW THROUGH ALL FIXTURES TO PROVIDE PROPER FLUSHING ACTION WITH THE LEAST AMOUNT OF WATER. FAUCETS SHALL HAVE UNDERDECK AND/OR ESCUTCHEON PLATES, IF REQUIRED, TO STABILIZE FAUCET WITHIN FIXTURE.
6. COORDINATE ROUTING OF WATER SUPPLY, WASTE, & VENT PIPING WITH OTHER TRADES.
7. THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND OTHER TRADES ALL REQUIRED OPENINGS AND EXCAVATIONS.
8. ALL ITEMS PROJECTING THROUGH THE ROOF SHALL BE FLASHED A MINIMUM OF 12" ABOVE THE ROOF. ALL VENTS SHALL BE A MINIMUM OF 10 FEET FROM ANY OUTSIDE AIR INTAKE. COAT VTR'S WITH UV RESISTANT PAINT TO MATCH SURROUNDING.
9. ACCESS PANEL: WHERE FITTINGS REQUIRING MAINTENANCE OR ISOLATION VALVES ARE LOCATED ABOVE NON-ACCESSIBLE CEILINGS OR SOFFITS (EXAMPLE PLASTER, METAL, OR GYPSUM BOARD), INSTALL AN ALL ALUMINUM CEILING ACCESS DOOR IN CEILING DIRECTLY BELOW EACH SUCH FITTING/VALVE. ACCESS DOORS SHALL BE LARSEN'S L-AI SERIES, ALL ALUMINUM CONSTRUCTION AND FASTENERS. PROVIDE ACCESS DOORS FACTORY PRIMED FOR PAINTING. FINISH PAINT WITH TWO COATS ENAMEL AFTER INSTALLATION TO MATCH EXISTING CEILING, SOFFIT, OR WALL.
10. FLOOR DRAIN/SINK SPECIAL NOTE: IN ALL SPACES WHERE FLOOR DRAINS/SINKS ARE SHOWN, DRAINS SHALL BE SET AT LOW POINTS OF FLOOR WITH GRADUAL AND EVEN FLOOR SLOPE TO DRAIN. POCKETS IN THE FLOOR SHALL NOT BE ALLOWED AROUND FLOOR DRAINS/SINKS. PRIOR TO SETTING FLOOR DRAIN/SINK ELEVATIONS, THE PLUMBING CONTRACTOR SHALL REVIEW THE FLOOR SLOPES SHOWN ON THE ARCHITECTURAL AND STRUCTURAL DRAWINGS, AND SHALL CLOSELY COORDINATE TOP OF DRAIN ELEVATIONS WITH THE GENERAL CONTRACTOR AND THE FLOOR SLAB INSTALLER. LIQUIDS SHALL POSITIVELY FLOW TO FLOOR DRAINS/SINKS IN ALL LOCATIONS – STANDING WATER AT ANY POINT SHALL NOT BE ACCEPTABLE. COORDINATE FINAL LOCATION & ELEVATION WITH ARCHITECT PRIOR TO ROUGH-IN.
11. ALL FLOOR DRAINS & FLOOR SINKS NOT RECEIVING SINK FIXTURE DRAINAGE SHALL HAVE A 4" DEEP SEAL AND TRAPS WITH TRAP PRIMERS AS REQUIRED BY CODE. CONTRACTOR TO ENSURE THAT EACH FLOOR DRAIN/SINK DOES NOT EXTEND ABOVE THE ADJACENT FLOOR SURFACE. AN ACCESS PANEL MUST BE INSTALLED IF THE TRAP PRIMER FITTING IS LOCATED INSIDE A WALL. NO TRAP PRIMERS ABOVE CEILING SYSTEM. COORDINATE OPENINGS WITH ARCHITECT. CONTRACTOR MAY INSTALL WATER CLOSET FLUSH VALVE OR LAVATORY TYPE PRIMER FITTINGS TO SERVE RESTROOM FLOOR DRAINS. INSTALL IN INCONSPICUOUS LOCATIONS. CONTRACTOR TO ENSURE THAT EACH TRAP PRIMER VALVE IS CLEANED AND FREE OF DEBRIS JUST PRIOR TO PROJECT COMPLETION. BARRIER-TYPE TRAP SEAL PROTECTION DEVICES CONFORMING TO ASSE 1072 ARE ALLOWED – INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
12. PROVIDE STOPS AND SHOCK ABSORBERS IN ACCORDANCE WITH PDI AND ASSE 1010.
13. PROVIDE AN ACCESS PANEL IF ISOLATION/SHUTOFF VALVE OR FITTING REQUIRING MAINTENANCE IS LOCATED INSIDE A WALL OR ABOVE A HARD CEILING. ALL VALVES/SERVICEABLE FITTINGS SHALL BE LOCATED WITHIN REACH OF ACCESS DOOR OR LAY-IN CEILING SYSTEM (18" MAX.). COORDINATE OPENINGS WITH ARCHITECT.
14. PROVIDE DIELECTRIC UNIONS AT ALL DISSIMILAR METAL CONNECTIONS.
15. INSULATE ALL HOT WATER AND COLD WATER PIPING. DOMESTIC HOT AND COLD WATER PIPE NOT EXPOSED TO VIEW SHALL BE INSULATED WITH 1" FOR HOT & ½" FOR COLD THICK GLASS FIBER WITH FACTORY APPLIED UNIVERSAL JACKET. DENSITY SHALL BE 4 POUNDS PER CUBIC FOOT. FITTINGS SHALL BE INSULATED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. INSULATION VAPOR BARRIER SHALL BE LAPPED AND CEMENTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. DOMESTIC HOT AND COLD WATER PIPE EXPOSED TO VIEW SHALL BE INSULATED SAME AS WHERE NOT EXPOSED TO VIEW, EXCEPT IT SHALL BE FINISHED WITH A SIZED UNIVERSAL JACKET SUITABLE FOR PAINTING. FITTING SHALL BE MADE OF "QUICKSET" CEMENT MOLDED TO FIT AND COVERED WITH 8 OZ. CANVAS AND FINISHED WITH WHITE VAPOR BARRIER CEMENT, AND HAVE PLASTIC MOLDED FITTING COVERS. INSULATE DOMESTIC WATER AND WASTE PIPING UNDER LAVATORIES AND SINKS USING "LAVGUARD2 E-Z SERIES" MOLDED VINYL PIPING COVERS. COVER ALL PIPING, FITTING, VALVES, AND TRAPS EXPOSED TO VIEW.
16. PIPE HANGERS AND SUPPORTS SHALL BE MSS SP-58 AND MSS SP-69, TYPE 1 OR 6, OF THE ADJUSTABLE TYPE, EXCEPT AS INDICATED OTHERWISE. ATTACHMENTS TO STEEL W OR S BEAMS SHALL BE WITH TYPE 21, 28, 29, OR 30 CLAMPS. ATTACHMENTS TO STEEL ANGLES AND CHANNELS (WITH WEB VERTICAL) SHALL BE WITH TYPE 20 CLAMP WITH A BEAM CLAMP CHANNEL ADAPTER. ATTACHMENTS TO STEEL CHANNEL (WITH WEB HORIZONTAL) SHALL BE WITH DRILLED HOLE ON CENTERLINE AND DOUBLE NUT AND WASHER. ATTACHMENTS TO CONCRETE SHALL BE WITH TYPE 18 INSERT OR A DRILLED HOLE WITH EXPANSION ANCHOR. ATTACHMENTS TO WOOD SHALL BE AS INDICATED. HANGER RODS AND ATTACHMENTS SHALL BE FULL SIZE OF THE HANGER-THREADED DIAMETER. PROVIDE TYPE 40 INSULATION PROTECTION SHIELDS FOR INSULATED PIPING. PROVIDE STEEL SUPPORT RODS. PROVIDE NONMETALLIC, HAIR FELT, OR PLASTIC PIPING ISOLATORS BETWEEN COPPER TUBING AND THE HANGERS.
17. ROUTE ALL PIPING AS HIGH AS POSSIBLE AND SO AS TO CAUSE MINIMAL INTERFERENCE FOR MAINTENANCE OF ALL EQUIPMENT. UNLESS OTHERWISE NOTED, ALL NEW WATER SUPPLY PIPING IS ROUTED ABOVE THE CEILING AND BELOW ATTIC/ROOF INSULATION. BRANCH PIPING SHALL BE ROUTED WITHIN WALL CAVITY. PATCH ALL WALLS TO MATCH SURROUNDING.
18. PROVIDE SHUTOFF VALVE TO EACH SILLCOCK WITH VALVE IDENTIFICATION AS REQUIRED BY CODE.
19. ALL P-TRAPS SHALL BE 17-GAGE CAST BRASS.
20. CONTRACTOR TO VERIFY ALL LOCATIONS OF ROOF PENETRATIONS WITH ARCHITECTURAL DRAWINGS.
21. FIRE-STOP ALL PIPE PENETRATIONS OF FIRE AND SMOKE RATED ENCLOSURES. SEE ARCHITECTURAL DWGS. AND COORDINATE WITH ARCHITECT AND GENERAL CONTRACTOR IN THE FIELD.
22. PVC WILL NOT BE ALLOWED IN RETURN AIR PLENUMS.
23. COORDINATE FINAL LOCATION OF HUB DRAINS, FLOOR DRAINS, AND FLOOR SINKS IN THE FIELD WITH THE KITCHEN EQUIPMENT SUPPLIER.
24. ALL DRAIN PIPING FROM INDIVIDUAL EQUIPMENT ROUTED TO THE HUB/FLOOR DRAIN/SINK SHALL BE HARD PIPED COPPER UNLESS OTHERWISE NOTED. EACH WELL OF A MULTI-COMPARTMENT SINK SHALL DISCHARGE INDEPENDENTLY TO THE WASTE RECEPTOR PER FBC-PLUMBING.
25. MARK CEILING/ACCESS PANEL AT VALVES & EQUIPMENT AS DIRECTED BY OWNER. CLEAR LABELING/BLACK CHARACTERS WITH ADHESIVE BACKING SHALL BE APPLIED TO CEILING/ACCESS PANEL BELOW EACH VALVE. IN ADDITION, LABEL ROOM TYPE & FLOOR SERVED ON INSULATION ADJACENT TO BALL VALVE ABOVE CEILING. LABELING HEIGHT SHALL MATCH HVAC. APPLY BLUE DOT DECAL FOR COLD WATER/RED DOT FOR HOT WATER AND LABEL, "BV-RM.###/###," ON CEILING/ACCESS PANEL BELOW EACH VALVE. INDIVIDUAL BALL VALVES ARE NOT REQUIRED TO BE TAGGED ABOVE CEILING EXCEPT WHERE MULTIPLE VALVES ARE INSTALLED WITHIN ONE ACCESS PANEL.
26. PIPE IDENTIFICATION: PIPE MARKERS SHALL BE SETON 'ULTRA-MARK' POLYESTER WRAP-AROUND, GREEN WITH WHITE LETTERS, TEXT INDICATING SERVICE/CONTENTS, AND FLOW ARROWS. INCLUDE ON ALL PRESSURE & GRAVITY SYSTEMS. PROVIDE PIPE MARKERS AT MINIMUM 10'-0" ON CENTER AND AT EVERY CHANGE IN DIRECTION.
27. BEFORE FINAL ACCEPTANCE OF THE WORK, TEST EACH SYSTEM AS IN SERVICE TO DEMONSTRATE COMPLIANCE WITH LATEST EDITION OF THE PLUMBING CODE AND LOCAL REQUIREMENTS. ONCE TEST ARE IN COMPLIANCE WITH CONTRACT REQUIREMENTS DISINFECT WATER SYSTEM IN ACCORDANCE WITH AWWA C651.

Plumbing Legend:

———	WASTE PIPING. SIZED AS SHOWN.	GCO	GROUND CLEANOUT
———GW———	GREASE WASTE PIPING. SIZED AS SHOWN.	FD	FLOOR DRAIN W/ FLUSH STRAINER. OUTLET SIZE AS SHOWN. ZURN 415 'TYPE B' OR APPROVED EQUAL.
– – – – – –	WASTE VENT PIPING. SIZED AS SHOWN.	FD-R	FLOOR DRAIN W/ RECESSED STRAINER. OUTLET SIZE AS SHOWN. ZURN 415 'TYPE I' (9" DIA. TOP) OR APPROVED EQUAL. TOP OF RECESSED STRAINER TO BE FLUSH W/ FLOOR.
———	COLD WATER (CW) PIPING. SIZED AS SHOWN.	FS	FLOOR SINK W/ HALF GRATE & BEEHIVE STRAINER. OUTLET SIZE AS SHOWN. ZURN 1900 OR APPROVED EQUAL.
———	HOT WATER (HW) PIPING. SIZED AS SHOWN.	VTR	VENT THROUGH ROOF. SIZED AS SHOWN.
———○	P-TRAP	EWH-#	ELECTRIC WATER HEATER. SEE SCHEDULE AND INSTALLATION DETAIL.
———⊖———	BALL VALVE FOR SHUT-OFF SERVICE.	P-#	PLUMBING FIXTURE NUMBER. SEE SCHEDULE ON THIS SHEET.
———▷———	CHECK VALVE.	AAV	AIR ADMITTANCE VALVE
———○	PIPING TURNED UP	A.F.F.	ABOVE FINISHED FLOOR
———○	PIPING TURNED DOWN	N.O.	NORMALLY OPEN
———○	PIPING TURNED DOWN	N.C.	NORMALLY CLOSED
FPWH/VB	3/4" ENCASED FREEZEPROOF WALL HYDRANT WITH VACUUM BREAKER & LOOSE KEY OPERATOR	EX.	EXISTING
HB/VB	3/4" CHROME PLATED HOSE BIBB WITH VACUUM BREAKER & LOOSE KEY OPERATOR	SS	STAINLESS STEEL
HB	3/4" HOSE BIBB WITH VACUUM BREAKER	W/	WITH
WCO	WALL CLEANOUT W/ STAINLESS STEEL ACCESS COVER. ENSURE THREADED SCREW DOES NOT EXTEND INTO STACK.	V	VENT
FCO	FLOOR CLEANOUT		



NOTE: INSTALL WATER HEATER WITH INSULATED HEAT TRAPS ON BOTH THE INLET AND OUTLET PIPING PER CODE.

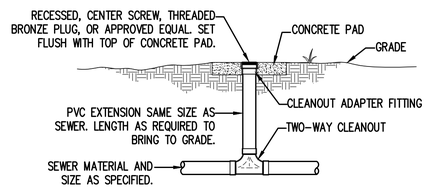
ELECTRIC WATER HEATER INSTALLATION DETAIL

NOT TO SCALE

PLUMBING FIXTURE CONNECTION SCHEDULE

MARK #	FIXTURE TYPE	MANUFAC. & MODEL	CONNECTIONS WASTE	CW	HW	REMARKS
P-1	WATER CLOSET (ADULT)	ZURN Z5570	3"	1/2"	–	FLOOR MOUNTED, ELONGATED WATER CLOSET, PRESSURE ASSISTED TANK TYPE W/ SLOW CLOSING OPEN FRONT SEAT WITHOUT COVER. (1.6 GPF)
P-1A	WATER CLOSET (ADULT – HC)	ZURN Z5560	3"	1/2"	–	FLOOR MOUNTED, ELONGATED WATER CLOSET, PRESSURE ASSISTED TANK TYPE W/ SLOW CLOSING OPEN FRONT SEAT WITHOUT COVER. CONTROL LEVER LOCATION TO BE ON OPEN SIDE OF STALL. (1.6 GPF)
P-2	WALL MOUNTED URINAL	ZURN Z5755	2"	3/4"	–	VIT. CHINA, CARRIER WALL MOUNTED, ZURN MANUAL FLUSH VALVE W/ SPLIT RING PIPE SUPPORT, (0.5 GPF). SEE ARCH. DWGS/ELEVATIONS FOR MOUNTING HEIGHT.
P-2A	WALL MOUNTED URINAL (HC)	ZURN Z5755	2"	3/4"	–	VIT. CHINA, CARRIER WALL MOUNTED, ZURN MANUAL FLUSH VALVE W/ SPLIT RING PIPE SUPPORT, (0.5 GPF). SEE ARCH. DWGS/ELEVATIONS FOR MOUNTING HEIGHT.
P-3	WALL MOUNTED LAVATORY (HC)	ZURN Z5341	1-1/4" X 1-1/2"	1/2"	–	VIT. CHINA W/ 4" CENTERS, FRONT OVERFLOW, PROVIDE WITH CONCEALED ARMS SUPPORT WITH T&S BRASS B-0805-VR-VF05 SINGLE CONTROL METERING FAUCET W/ DECK PLATE & ANTI-ROTATION PIN, GRID STRNR, & OFFSET P-TRAP. SEE ARCH. DWGS/ELEVATIONS FOR MOUNTING HEIGHT.
P-4	REFRIGERATOR / ICE MACHINE	GUY GRAY	–	1/2"	–	GALVANIZED STEEL SUPPLY BOX WITH ANGLE SHUTOFF VALVE W/ WATER HAMMER ARRESTOR. PROVIDE CONNECTION TO EQUIPMENT. COORDINATE LOCATION OF FLOOR DRAIN & WATER ROUGH-IN WITH EQUIPMENT.
P-5	ELECTRIC WATER COOLER (OUTDOOR)	ELKAY VRCTL8WSK	1-1/2"	1/2"	–	SELF CONTAINED, OUTDOOR RATED, VANDAL RESISTANT, HI-LOW DESIGN, CARRIER WALL MOUNTED, BOTTLE FILLER, 8.0 GPH CAPACITY (80°F AMB. AIR), 4.0 FULL LOAD AMPS, 370 RATED WATT USAGE.
P-6	SERVICE SINK	STERN WILLIAMS HL-1800	3"	1/2"	1/2"	24"x24"x10" TERRAZZO MOP SINK, STAINLESS STEEL WALL GUARD SET, STAINLESS STEEL BUMPER GUARDS, T&S BRASS B-0665-BSTR W/ VACUUM BREAKER & SPRING CHECKS, AND T&S B-0654 W/ B-0653.
P-7	HAND SINK (KITCHEN)	ELKAY CHSP1716C	1-1/4" X 1-1/2"	1/2"	1/2"	STAINLESS STEEL, WALL-MOUNT GOOSENECK SPOUT W/ AERATOR, DOUBLE FOOT PEDAL VALVE, GRID STRNR., CARRIER, & OFFSET P-TRAP. PROVIDE POINT OF USE MIXING VALVE FOR FIXTURE. MOUNT BELOW FIXTURE AND ADJUST VALVE TO NOT EXCEED 110°F. ROUGH-INS SHALL BE WITHIN STAINLESS STEEL SKIRT, INCLUDING RIGID SUPPLY RISERS.

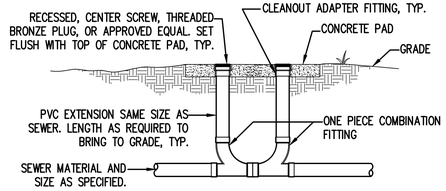
- (HC) DENOTES FIXTURE TO BE DESIGNED, MANUFACTURED AND MOUNTED FOR HANDICAPPED ACCESSIBILITY.
- PROVIDE MANUFACTURERS AND MODEL NUMBERS LISTED ABOVE OR APPROVED EQUALS IN STRICT ACCORDANCE WITH ARCHITECTURAL INTERIOR & RESTROOM ELEVATIONS FOR PROPER MOUNTING/FIXTURE HEIGHTS. ALL FIXTURES AND ADDITIONAL COMPONENTS/FITTINGS REQUIRED FOR SPECIFIC HEIGHT INSTALLATION SHALL BE COORDINATED/VERIFIED WITH THE MOST CURRENT ARCHITECTURAL DRAWINGS/CORRESPONDENCE PRIOR TO ORDERING OR ROUGH-IN. ANY DISCREPANCIES BETWEEN THE PLUMBING DRAWINGS AND ARCHITECTURAL DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY AND PRIOR TO ORDERING FIXTURES OR INSTALLING ROUGH-IN PIPING.



2-WAY GROUND LEVEL CLEANOUT DETAIL

NOT TO SCALE

(FOR INSTALLATIONS LESS THAN 2'-6" BELOW FINISHED GRADE.)



2-WAY GROUND LEVEL CLEANOUT DETAIL

NOT TO SCALE

(FOR INSTALLATIONS GREATER THAN 2'-6" BELOW FINISHED GRADE.)

ELECTRIC WATER HEATER SCHEDULE

MARK	GAL.	ELECTRICAL DATA VOLTS	PHASE	HERTZ	KW	REMARKS ①②③
EWH-1	40	208/240	1	60	4.5/4.5	A.O. SMITH

WATER HEATER SCHEDULE NOTES:

① DESIGN BASED ON COMMERCIAL ELECTRIC WATER HEATER OR APPROVED EQUAL.

② FIELD VERIFY AVAILABLE VOLTAGE/ PHASE PRIOR TO ORDERING. SEE ELECTRICAL DWGS.

③ SET TEMPERATURE TO 130° UNLESS OTHERWISE NOTED

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PLUMBING LEGEND, SCHEDULES, & DETAILS

Premier Engineering Group, LLC
Premier Project # 21446
4300 Woodlawn Blvd, Suite 300, Pensacola, Florida 32514
Florida Certificate of Authorization #9368
Phone: (850) 432-0910

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Rev:	Date:	Designed by:	Drawn by:	Reviewed by:	Submitted by:	Drawing Scale:	Plot scale:
	2022-11-22	JJO	DWB	CDB	SUBMITTERS NAME MOFFATT & NICHOL		1:1 (D SHEET)

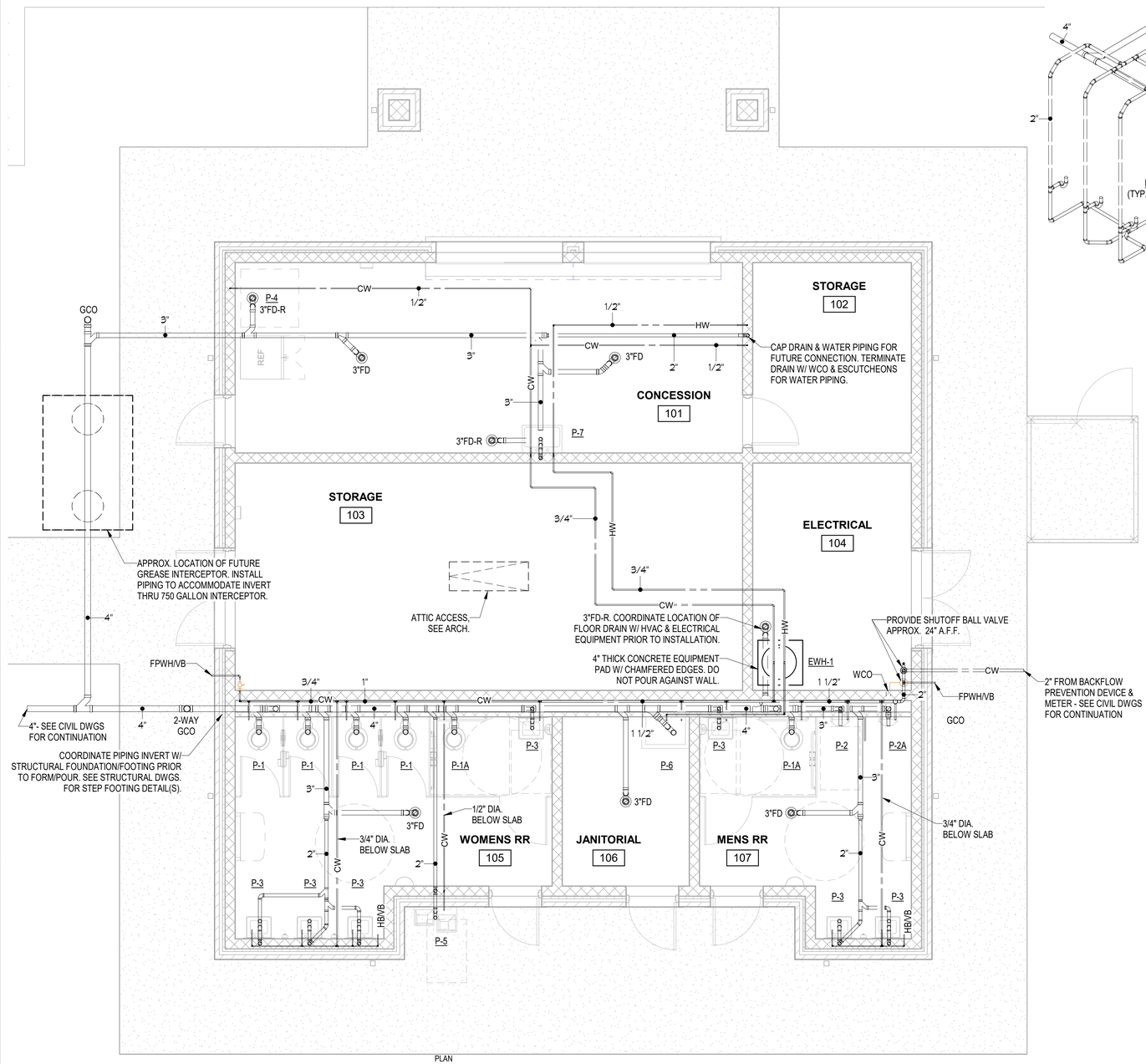
M&N Project No.	Cad by:	Drawing code:
202000	CDB	

SEAL Charles D. Brown, PE Florida #42140

Sheet Reference No.

P-001

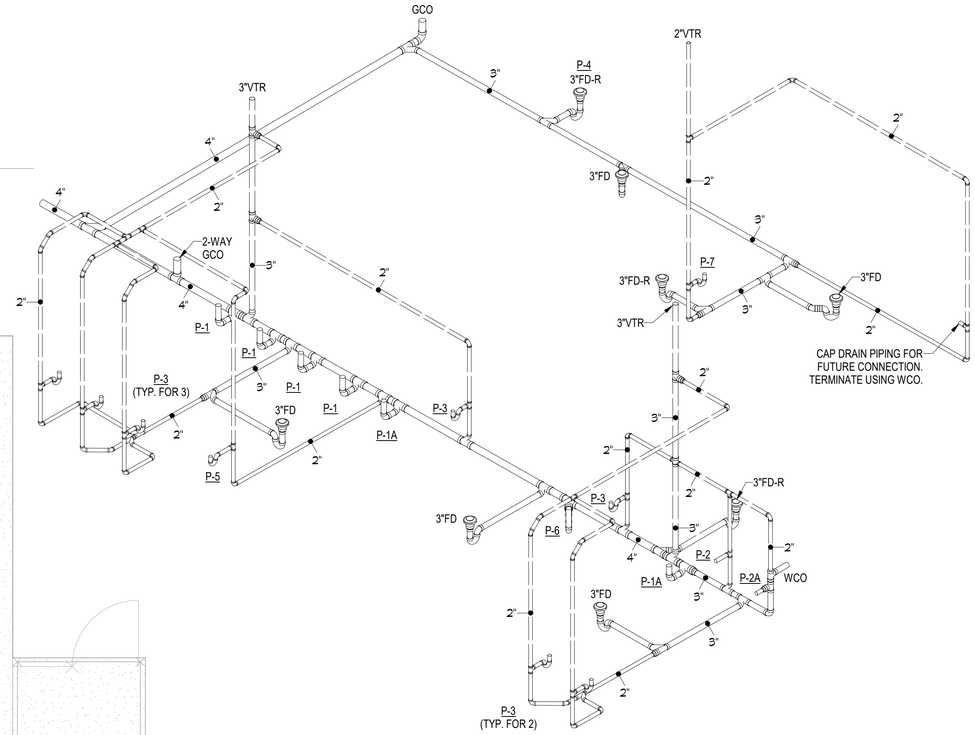
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



PLAN NORTH

1 / P-101 PLUMBING FLOOR PLAN

1/4" = 1'-0"



2 / P-101 WASTE & VENT RISER DIAGRAM

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PLUMBING FLOOR PLAN

Premier Engineering Group, LLC
Premier Project # 21046
Florida Certificate of Authorization #9368
Phone: (850) 432-0965
Fax: (850) 432-0965
4081 W. Nine Mile Road
Pensacola, Florida 32534

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by:	JJO
Drawn by:	DWB
Reviewed by:	CDB
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Cad by:	CDB
Date:	2022-11-22
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (0 SHEET)
Rev:	

SEAL Charles D. Brown, PE Florida #42140

Sheet Reference No.

P-101

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HVAC Legend:

22"x16" — RECTANGULAR GALVANIZED STEEL DUCTWORK. SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS. SEE DUCTWORK AND INSULATION NOTES ON THIS SHEET.

16"ø — ROUND SNAPLOCK GALVANIZED STEEL DUCTWORK, EXTERNALLY INSULATED. SIZE SHOWN IS SHEET METAL DIAMETER.

6"ø — FACTORY FABRICATED/INSULATED SOUND ATTENUATING FLEXIBLE ROUND DUCT, SIZE SHOWN IS INSIDE DIAMETER. FLEXMASTER 8M OR APPROVED EQUAL. SEE DUCTWORK AND INSULATION NOTES ON THIS SHEET.

22"x16" — SQUARE THROAT ELBOW IN RECTANGULAR DUCT WITH AERODYNAMIC TURNING VANES. SEE DUCTWORK AND INSULATION NOTES ON THIS SHEET.

22"x16" — LONG RADIUS ELBOW IN RECTANGULAR DUCT.

LONG RADIUS ELBOW IN ROUND SNAPLOCK DUCT, ADJUSTABLE TYPE.

MVD — MANUAL VOLUME DAMPER IN RECTANGULAR DUCT, OPPOSED BLADE TYPE. PROVIDE WITH LOCKING QUADRANT REGULATOR.

MVD — MANUAL VOLUME DAMPER IN ROUND SNAPLOCK DUCT.

MVD / MVD MVD MVD — PARALLEL FLOW BRANCH IN RECTANGULAR DUCT MAIN WITH MANUAL VOLUME DAMPER IN EACH BRANCH DUCT

RECTANGULAR BRANCH DUCT TAKEOFF FROM RECTANGULAR DUCT MAIN WITH 45° COLLAR. PROVIDE MANUAL VOLUME DAMPER IN BRANCH DUCT.

MVD — ROUND BRANCH DUCT TAKEOFF FROM RECTANGULAR DUCT MAIN. BRANCH DUCT SHALL BE FLEXIBLE ROUND DUCT OR ROUND SNAPLOCK DUCT AS INDICATED. ROUND DUCT TAP IN SHALL BE MADE WITH SIDE TAKE-OFF FITTING WITH MANUAL VOLUME DAMPER. SEE "ROUND DUCT TAP-IN MOUNTING DETAIL".

RECTANGULAR SUPPLY OR OUTSIDE AIR DUCT IN SECTION

RECTANGULAR RETURN OR EXHAUST AIR DUCT IN SECTION

ROUND DUCT IN SECTION

RECTANGULAR-TO-ROUND DUCT TRANSITION

FLEXIBLE DUCT CONNECTOR

ACD — RUSKIN CD-60 AUTOMATIC CONTROL DAMPER IN RECTANGULAR DUCT, MOTORIZED, PROVIDE DUCT ACCESS DOOR AT EACH AUTOMATIC CONTROL DAMPER.

UP — DUCT TURNING UP TO AVOID OBSTRUCTION. USE 45° ELBOWS WHERE POSSIBLE.

6"x6"CD 105 CFM — CEILING DIFFUSER. LOUVERED FACE WITH EXTENDED PANEL DESIGNED FOR INSTALLATION IN A 2'x2' LAY-IN CEILING GRID. SIZE AND AIR FLOW AS INDICATED. DIRECTION OF THROW AS INDICATED BY ARROWS. PROVIDE WITH FACTORY FABRICATED SQUARE-TO-ROUND ADAPTER. SEE "TYPICAL LOUVERED FACE CEILING DIFFUSER MOUNTING DETAIL". TITUS MODEL TDC OR APPROVED EQUAL.

8"x4"CR 60 CFM — RECTANGULAR CEILING REGISTER. CURVED BLADE, ALUMINUM CONSTRUCTION WITH STEEL COMPONENTS. RECTANGULAR NECK SIZE AND AIR FLOW AS INDICATED. DIRECTION OF THROW AS INDICATED BY ARROWS. PROVIDE WITH OPPOSED BLADE VOLUME CONTROL DAMPER OPERABLE FROM FACE OF REGISTER. TITUS MODEL 250-AA OR ENGINEER APPROVED EQUAL BY E.H. PRICE OR NAILOR.

12"x8"SWR 290 CFM — SIDEWALL REGISTER. EXTRUDED ALUMINUM AIRFOIL DOUBLE DEFLECTION BLADES AND ALUMINUM FRAME. RECTANGULAR NECK SIZE AND AIR FLOW AS INDICATED. DIRECTION OF THROW AS INDICATED BY ARROW. PROVIDE WITH OPPOSED BLADE VOLUME DAMPER OPERABLE FROM FACE OF REGISTER. TITUS MODEL 272FS OR ENGINEER APPROVED EQUAL BY E.H. PRICE OR NAILOR. (SWG - SIDE WALL GRILLE SHALL BE SAME, LESS VOLUME DAMPER).

6"x6"TG 100 CFM — TRANSFER GRILLE WITH INTERNALLY INSULATED DUCTWORK. LOUVERED FACE TYPE GRILLE, RECTANGULAR NECK SIZE AND AIR FLOW AS INDICATED. DUCT SHALL BE SAME AS NECK SIZE OF GRILLE OR AS INDICATED. TITUS MODEL 350RL OR ENGINEER APPROVED EQUAL BY E.H. PRICE OR NAILOR.

14"x14" RAG / 14"x14" RAR — RETURN AIR GRILLE, LOUVERED FACE TYPE. PROVIDE EXTENDED PANEL FOR ALL GRILLES LOCATED IN 2'x2' LAY-IN CEILING GRID. TITUS MODEL 350RL OR ENGINEER APPROVED EQUAL BY E.H. PRICE OR NAILOR. RAR SAME AS RAG EXCEPT PROVIDE WITH OPPOSED BLADE VOLUME CONTROL DAMPER OPERABLE FROM FACE OF REGISTER.

14"x14" EG / 14"x14" TG — EXHAUST GRILLE OR TRANSFER GRILLE, LOUVERED FACE TYPE. PROVIDE EXTENDED PANEL FOR ALL GRILLES LOCATED IN 2'x2' LAY-IN CEILING GRID. TITUS MODEL 350RL OR ENGINEER APPROVED EQUAL BY E.H. PRICE OR NAILOR.

48"x48" RAL/EAL/OAL 6,000 CFM — IMPACT RESISTANT EXTERIOR WALL LOUVER FOR AIR INTAKE, EXHAUST OR RELIEF AIR. LOUVER SHALL BE A WIND-DRIVEN RAIN RESISTANT AND IMPACT RESISTANT STATIONARY LOUVER AS TESTED BY THE AMCA 500-L WIND-DRIVEN RAIN PENETRATION TEST AND MUST BE APPROVED FOR USE IN THE HIGH VELOCITY HURRICANE ZONE. LOUVER SHALL BE A UNIVERSAL FLANGE FRAME DESIGN WITH A FRAME DEPTH OF 3 INCHES. PROVIDE WITH BIRD SCREEN, VERTICAL BLADE SUPPORTS (AS REQUIRED), LOUVER SLEEVE. LOUVER SHALL BE CONSTRUCTED OF EXTRUDED ALUMINUM AND WITH A FACTORY "KYNAR" FINISH COLOR AS DIRECTED BY THE ARCHITECT. LOUVERS SHALL BE RUSKIN MODEL EME362D5FL OR ENGINEER APPROVED EQUAL. MANUFACTURER INSTALLATION INSTRUCTIONS MUST BE FOLLOWED STRICTLY TO ENSURE MISSILE TEST COMPLIANCE. SEE ARCHITECTURAL FOR INSTALLATION DETAILS AND MOUNTING LOCATIONS/HEIGHTS.

UNDERCUT DOOR 3/4" TO ALLOW AIR FLOW IN THE DIRECTION INDICATED.

SUPPLY OR OUTSIDE AIR FLOW

RETURN, EXHAUST, OR TRANSFER AIR FLOW

T — DIGITAL 7 DAY PROGRAMMABLE THERMOSTAT. MOUNT AT 60" ABOVE FINISHED FLOOR IN APPROXIMATE LOCATION INDICATED. COORDINATE EXACT LOCATION OF THERMOSTATS IN THE FIELD WITH THE ENGINEER. DO NOT MOUNT IN DIRECT AIRFLOW PATH FROM A SUPPLY AIR DEVICE. PROVIDE ONE THERMOSTAT FOR EACH UNIT. PROVIDE PROGRAMMABLE CONTROLLERS WITH AUXILIARY DEVICE CONTROL FOR EACH OUTSIDE AIR UNIT.

---C-- — CONDENSATE PIPE. CONDENSATE PIPING SHALL BE SCH. 40 GALVANIZED STEEL TRAP AT UNIT AND ROUTE TO POINT INDICATED ON PLAN. CONSTRUCT ALL TRAPS FROM TEES WITH A CAP ON EACH TEE. INSULATE ALL CONDENSATE DRAINS WITH 3/4" THICK UNICELLULAR FOAM INSULATION.

ARCHITECTURAL NOTES:

VERIFY FINAL LOCATION OF A/C UNIT OUTDOOR SECTION WITH ARCHITECT PRIOR TO INSTALLATION.

General Project Mechanical Requirements:

1. REMOVE FROM THE SITE AND LEGALLY DISPOSE OF ALL WASTE GENERATED FROM PERFORMING WORK SHOWN ON CONSTRUCTION DOCUMENTS OF THIS PROJECT.
2. THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND ALL OTHER TRADES ALL REQUIRED OPENINGS IN WALLS, FOUNDATIONS, FLOORS, ROOFS AND BUILDING STRUCTURAL MEMBERS RELATED TO WORK SHOWN ON THE MECHANICAL DRAWINGS.
3. THE MECHANICAL CONTRACTOR SHALL VERIFY ALL MECHANICAL EQUIPMENT LOCATIONS AND BE RESPONSIBLE FOR ALL RELATED CLEARANCES IN THE FIELD. PROVIDE ADEQUATE MAINTENANCE CLEARANCE AROUND EACH EQUIPMENT ITEM PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE CLEARANCE IN FRONT OF ALL ELECTRICAL PANELS PER NATIONAL ELECTRIC CODE REQUIREMENTS. COORDINATE EXACT LOCATION OF ALL OUTDOOR UNITS IN THE FIELD WITH THE ENGINEER AND THE OWNER.
4. INSTALL EQUIPMENT AND RUN PIPES AND DUCTS PARALLEL WITH OR AT RIGHT ANGLES TO THE WALLS OF THE BUILDING UNLESS SHOWN OTHERWISE ON THE DRAWINGS. PARALLELED RUNS SHALL BE STRAIGHT AND TRUE WITH OFFSETS UNIFORM AND SYMMETRICAL.
5. ENGINEER HAS VERIFIED DIMENSIONAL SUITABILITY OF BASIS-OF-DESIGN MANUFACTURERS AS LISTED IN THE EQUIPMENT SCHEDULES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY EQUIPMENT PROPOSED TO BE INSTALLED FITS ALL REQUIRED PROJECT DIMENSIONS. ANY ADDITIONAL WORK DUE TO EQUIPMENT LARGER THAN THAT SHOWN SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
6. CONTRACTOR SHALL PROVIDE FIRE DAMPERS, SMOKE DAMPERS, FIRE/SMOKE DAMPERS (DUCTS) AND FIRESTOPPING (PIPING) AT ALL MECHANICAL SYSTEM PENETRATIONS OF RATED WALLS AS SHOWN ON THE ARCHITECTURAL DRAWINGS. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS TO DETERMINE THE REQUIRED RATING OF THE WALL ASSEMBLY TO BE PENETRATED. ALL FIRE DAMPERS AND FIRESTOPPING SHALL BE FURNISHED AND INSTALLED ACCORDING TO U.L. APPROVED DETAILS FOR EACH PARTICULAR INSTALLATION REQUIRED. THE CONTRACTOR SHALL PROVIDE THRU PENETRATION FIRESTOPPING IN ACCORDANCE WITH CODES AROUND DUCT PENETRATIONS OF RATED WALLS THAT DO NOT REQUIRE FIRE DAMPERS AND AROUND DUCT PENETRATIONS OF SMOKE WALLS THAT DO NOT REQUIRE SMOKE DAMPERS.

Ductwork and Insulation Notes:

1. ALL LOW-PRESSURE SUPPLY AIR DUCTWORK SHALL BE LOW PRESSURE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 2" W.G., SEAL CLASS A, EXTERNALLY INSULATED WITH 2" THICK DUCTWRAP WITH A MINIMUM INSTALLED R-VALUE OF 6.0. DUCT SIZES INDICATED ARE ACTUAL SHEET METAL DIMENSIONS. ALL DUCTWORK SHALL BE SEALED TO 100% CLOSURE USING MASTIC ON ALL TRANSVERSE JOINTS, LONGITUDINAL SEAMS AND SPIN-IN FITTINGS.
2. ALL RETURN AIR DUCTWORK SHALL BE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 2" W.G., SEAL CLASS A. ALL RETURN AIR DUCT SHALL BE INTERNALLY INSULATED WITH 1" THICK ACOUSTICAL DUCT LINER; ACOUSTIC DUCT LINER SHALL HAVE THE AIR STREAM SURFACE COATED WITH AN EPA REGISTERED BIOCIDE TO PREVENT MICROBIAL GROWTH MEETING THE REQUIREMENTS OF ASTM C1338, ASTM G21, AND ASTM G22. ACOUSTIC INSULATION SHALL BE AS MANUFACTURED BY OWENS CORNING "QUIET-R" OR ENGINEER APPROVED EQUAL. CONTRACTOR SHALL INSTALL THE ACOUSTICAL LINING WITH 90% ADHESIVE COVERAGE AND IN STRICT COMPLIANCE WITH THE INSULATION MANUFACTURER'S RECOMMENDATIONS.
3. ALL OUTSIDE AIR INTAKE DUCTWORK SHALL BE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 2" W.G., SEAL CLASS A, EXTERNALLY INSULATED WITH 2" THICK DUCTWRAP WITH A MINIMUM INSTALLED R-VALUE OF 6.0. DUCT SIZES INDICATED ARE INSIDE CLEAR DIMENSIONS.
4. ALL EXHAUST AIR DUCTWORK SHALL BE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 1" W.G. (NEG.). ALL TRANSFER AND RELIEF AIR DUCTWORK SHALL BE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 1" W.G. (NEG.). ALL EXHAUST, TRANSFER AND RELIEF AIR DUCTWORK SHALL BE SEAL CLASS A, UNINSULATED. DUCT SIZES INDICATED ARE ACTUAL SHEET METAL DIMENSIONS.
5. FLEXIBLE DUCT INSTALLATION SHALL MEET THE FOLLOWING MINIMUM STANDARDS: 1) DUCTS SHALL BE FULLY EXTENDED, 2) BENDS SHALL MAINTAIN A CENTERLINE RADIUS OF NOT LESS THAN ONE DUCT DIAMETER, 3) TERMINAL DEVICES SHALL BE SUPPORTED INDEPENDENTLY OF FLEXIBLE DUCT, 4) HORIZONTAL DUCT SHALL BE SUPPORTED AT INTERVALS NOT GREATER THAN 5 FEET. DUCT SAG BETWEEN SUPPORTS SHALL NOT EXCEED 1/2 INCH PER FOOT OF LENGTH. SUPPORTS SHALL BE PROVIDED WITHIN 1.5 FEET OF INTERMEDIATE FITTINGS AND BETWEEN INTERMEDIATE FITTINGS AND BENDS, 5) VERTICAL DUCT SHALL BE STABILIZED WITH SUPPORT STRAPS AT NOT GREATER THAN 6 FEET, 6) HANGARS, SADDLES, AND OTHER SUPPORTS SHALL MEET THE DUCT MANUFACTURER'S RECOMMENDATIONS AND IN NO CASE SHALL THE MATERIAL IN DIRECT CONTACT WITH AND SUPPORTING THE FLEXIBLE DUCT BE LESS THAN 1-1/2 INCHES WIDE.
6. ALL DUCT CONNECTIONS / MECHANICAL ATTACHMENTS SHALL COMPLY WITH SECTION 603.1.6 OF THE FLORIDA BUILDING CODE. DUCT CLOSURE SYSTEMS SHALL COMPLY WITH SECTION 603.1.7 OF THE FLORIDA BUILDING CODE.
7. MOUNT ALL DUCTWORK WITHIN 18" OF CEILING. AVOID ROUTING DUCTWORK OVER LIGHTS WHEREVER POSSIBLE. WHERE DUCTWORK MUST BE ROUTED OVER LIGHTS, MAINTAIN A 6" CLEARANCE BETWEEN OUTER SURFACE OF DUCT INSULATION AND TOP OF LIGHTS.
8. SUPPORT ALL DUCTWORK AND EQUIPMENT AS DETAILED IN THE DRAWINGS AND SPECIFICATIONS. ATTACHMENTS TO STRUCTURE SHALL BE AS APPROVED BY STRUCTURAL ENGINEER.
9. MARK CEILING TILES BELOW FANS AND ACCESS DOORS AS DIRECTED BY OWNER.
10. PROVIDE APPROPRIATELY SIZED DUCT ACCESS DOORS AT EACH AUTOMATIC CONTROL DAMPER, MANUAL VOLUME DAMPER FOR FLOW BALANCING AT AIR HANDLING UNITS, AIR FLOW MEASURING PROBE, AND ANY POSITION SENSITIVE CONTROL DEVICE MOUNTED IN DUCTWORK. DUCT ACCESS DOORS ARE ALSO REQUIRED FOR ALL FIRE DAMPERS.
11. ALL MANUAL VOLUME DAMPERS IN LOW PRESSURE RECTANGULAR DUCTS SHALL BE RUSKIN 'MD35' 16 GAUGE GALVANIZED STEEL WITH EXTENDED SHAFT AND LOCKING HAND QUADRANT, OBSB050B OUTBOARD SUPPORT BRACKET FOR EXTENDED SHAFT WITH BEARING, AND HDHQ SERIES HAND QUADRANT BRACKET AND ARM. PROVIDE MANUAL VOLUME DAMPER IN THE DUCT RUNOUT TO EACH RETURN AIR GRILLE (RAG) WHETHER OR NOT SHOWN ON THE PLANS.
12. ALL GRILLES, REGISTERS, AND DIFFUSERS SHALL BE TITUS, E.H. PRICE OR NAILOR - NO OTHER MANUFACTURER'S WILL BE ACCEPTED. EXTERIOR LOUVERS SHALL BE RUSKIN, POTTORF, OR GREENHECK - NO OTHER MANUFACTURER'S WILL BE ACCEPTED.
13. ALL OUTSIDE AIR INLETS SHALL BE LOCATED A MINIMUM OF 10 FEET FROM ANY EXHAUST AIR OUTLET OR PLUMBING VENT STACK. COORDINATE WITH THE PLUMBING DRAWINGS AND WITH THE PLUMBING AND GENERAL CONTRACTORS IN THE FIELD.
14. ALL ROOF PENETRATIONS SHALL COMPLY WITH ARCHITECTURAL STANDARD ROOF PENETRATION DETAIL.
15. PROVIDE MANUAL VOLUME DAMPERS IN ALL BRANCH DUCT CONNECTIONS, REGARDLESS OF DUCT SIZE, DUCT PRESSURE CLASS OR DUCT SERVICE (SUPPLY, RETURN, OUTSIDE AIR OR RELIEF AIR), AND REGARDLESS OF WHERE THE BRANCH CONNECTION OCCURS.

Grille and Register Notes:

1. ALL SUPPLY, RETURN, EXHAUST, TRANSFER AND RELIEF AIR DIFFUSERS, GRILLES OR REGISTERS LOCATED IN SUSPENDED CEILINGS SHALL HAVE 2'x2' EXTENDED PANELS FOR MOUNTING IN CEILING T'BARS. ALL SUPPLY, RETURN, EXHAUST, TRANSFER AND RELIEF AIR DIFFUSERS, GRILLES OR REGISTERS LOCATED IN GYPSUM CEILINGS SHALL NOT HAVE EXTENDED PANELS AND SHALL BE DESIGNED FOR SURFACE MOUNTING IN GYP. BOARD CEILING.
2. CONTRACTOR SHALL FIELD-COORDINATE EXACT LOCATION OF ALL SUPPLY, RETURN, EXHAUST, TRANSFER AND RELIEF AIR GRILLES WITH THE ARCHITECT AND ENGINEER DURING CONSTRUCTION.

Abbreviations

ACD	AUTOMATIC CONTROL DAMPER	OA	OUTSIDE AIR
AD	ACCESS DOOR	OAL	OUTSIDE AIR LOUVER
AFF	ABOVE FINISHED FLOOR	O.C.	ON CENTER
AHU-#	AIR HANDLING UNIT. SEE SCHEDULE	RA	RETURN AIR
CD	CEILING DIFFUSER	RAL	RELIEF AIR LOUVER
CR	CEILING REGISTER	RG	RETURN GRILLE
CSR	CURRENT SENSING RELAY	SA	SUPPLY AIR
DDC	DIRECT DIGITAL CONTROL SYSTEM	SAR	SUPPLY AIR REGISTER
EA	EXHAUST AIR	SD	SMOKE DAMPER
EAL	EXHAUST AIR LOUVER	SS	STAINLESS STEEL
EF-#	EXHAUST FAN. SEE SCHEDULE	SWR	SIDEWALL RESISTER (SUPPLY AIR)
EG	EXHAUST GRILLE	SWG	SIDEWALL GRILLE (SUPPLY AIR)
ER	EXHAUST REGISTER	TG	TRANSFER GRILLE
EX	EXISTING	TYP	TYPICAL
FD	FIRE DAMPER	VAV	VARIABLE AIR VOLUME
FSD	COMBINATION FIRE/SMOKE DAMPER	VD	VOLUME DAMPER
MVD	MANUAL VOLUME DAMPER	VFD	VARIABLE FREQUENCY DRIVE
		VRF/VRV	VARIABLE REFRIGERANT VOLUME
		W/	WITH

REFRIGERANT PIPING NOTES:

IMPORTANT: CONTRACTOR SHALL SUBMIT DETAILED REFRIGERANT PIPING DRAWINGS INDICATING PIPE SIZES AND ROUTING OF ALL REFRIGERANT PIPING. DRAWING SHALL ALSO INDICATE THE LOCATION OF ALL ACCESSORIES. SUBMIT DRAWINGS WITH EQUIPMENT SHOP DRAWINGS PRIOR TO ORDERING ANY MATERIAL.

1. REFRIGERANT PIPING FOR SPLIT SYSTEM HEAT PUMPS AND OUTSIDE AIR UNITS SHALL BE SIZED, ROUTED AND CONFIGURED AS RECOMMENDED BY THE MANUFACTURER FOR THE SPECIFIC APPLICATION FOR EACH UNIT/SPLIT SYSTEM.
2. INSULATE SUCTION LINES WITH 3/4" THICK UNICELLULAR INSULATION. ALL INSULATION LOCATED OUTDOORS SHALL BE AP ARMAFLEX BLACK LAPSEAL INSULATION.
3. COVER INSULATION LOCATE OUTDOORS CONTINUOUSLY WITH CORRUGATED ALUMINUM JACKETING WITH ALL JOINTS SEALED WATERTIGHT WITH CLEAR SILICONE INSULATION THEN SECURED WITH ALUMINUM BANDING.
4. PROVIDE REFRIGERANT GAUGE CONNECTION AND REFRIGERANT SERVICE VALVE IN BOTH SUCTION AND LIQUID LINES AND FILTER-DRIER AND SIGHT-GLASS WITH MOISTURE INDICATOR IN LIQUID LINE, EITHER FACTORY OR FIELD INSTALLED AS REQUIRED.
5. PROVIDE TRAP IN REFRIGERANT PIPING WHERE/AS RECOMMENDED BY UNIT MANUFACTURER.
6. AT OUTDOORS REFRIGERANT PIPING, SECURE PIPING WITH HOT-DIPPED GALVANIZED UNISTRUT WITH ALL HOT-DIPPED GALVANIZED HARDWARE AND FASTENERS - COLD GALVANIZE ALL CUT ENDS OF STRUT.

EQUIPMENT ANCHORING NOTES:

1. ALL OUTDOOR MECHANICAL EQUIPMENT SHALL BE ANCHORED TO THEIR CONCRETE PAD TO SUSTAIN THE FORCES OF 150 MPH WINDS/REQUIREMENTS WITHIN LATEST EDITION OF THE FLORIDA BUILDING CODE(S). THE CONTRACTOR SHALL INSTALL "ANCHOR-IN-A-STORM" ANCHORING SYSTEM AS MANUFACTURED BY CARSON INDUSTRIES. INSTALL IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
2. ALL ROOFTOP EXHAUST FANS AND CAPS SHALL BE SECURELY FASTENED TO ROOF CURBS USING FOUR (4) #14 STAINLESS STEEL SCREWS ON EACH SIDE OF CURB CAP.

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

HVAC LEGEND & NOTES

Premier Engineering Group, LLC
10 West Nine Mile Road, Pensacola, Florida 32534
Florida Certificate of Authorization #30368
Phone: (850) 432-0405
Premier Project # 21146

SANTA ROSA COUNTY
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Cad by:	CDB
Reviewed by:	CDB
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	2022-11-22
Rev:	
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (0 SHEET)

SEAL Charles D. Brown, PE Florida #42140

Sheet Reference No.

M-001

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

DX SPLIT SYSTEM AIR TO AIR HEAT PUMP UNIT SCHEDULE

MARK	LOCATION	INDOOR SECTION										OUTDOOR SECTION						AHRI COOLING DATA (3)		AHRI HEATING DATA (3)		REMARKS
		TOTAL AIR CFM	OUTSIDE AIR CFM	EXTERNAL STATIC PRESSURE INCHES W.G.	MAXIMUM FAN HORSEPOWER	ELECTRICAL DATA (12) VOLTS	PHASE	Hz	FILTER DATA MAXIMUM FACE VELOCITY – FPM	TYPE	THICK	COMPRESSOR QUANTITY	MAXIMUM RATED LOAD AMPS EA.	CONDENSER FANS QUANTITY	MAXIMUM FULL LOAD AMPS EA.	ELECTRICAL DATA VOLTS	PHASE	Hz	TOTAL MINIMUM NET CAPACITY BTU/HR	MINIMUM S.E.E.R.	MINIMUM HIGH TEMP. AHRI RATING @ 47 Fdb CAPACITY BTU/HR	H.S.P.F.	
HP–1	SEE PLANS	1,400	120	0.5 (1)	1/2	208	1	60	330	(2)	1"	1	19.5	1	0.5	208	1	60	54,000	16.5	64,000	10.0	(5)(6)(7)(8)(9)(10)(11)(12)(13)

SPLIT SYSTEM HEAT PUMP UNIT NOTES:

(1) DOES NOT INCLUDE PRESSURE DROP THROUGH FILTERS OR ELECTRIC RESISTANCE HEATER.

(2) DISPOSABLE

(3) E.E.R. – ENERGY EFFICIENCY RATIO. RATED IN ACCORDANCE WITH AIR CONDITIONING, HEATING, AND REFRIGERATION INSTITUTE (AHRI) STANDARD 340/360 AT AHRI STANDARD CONDITIONS.

(4) ELECTRIC RESISTANCE. KW INDICATED IS RATED AT VOLTAGE INDICATED.

(5) PROVIDE REMOTE CONDENSING UNIT WITH COIL GUARDS.

(6) REFRIGERANT PIPING SIZE, ROUTING, AND CONFIGURATION SHALL BE AS RECOMMENDED BY MANUFACTURER OF HEAT PUMP UNIT. INSULATE ENTIRE LENGTH OF EACH SUCTION LINE WITH MINIMUM 3/4" THICK UNICELLULAR FOAM INSULATION.

(7) PROVIDE REMOTE CONDENSING UNITS WITH FACTORY ANTI-SHORT CYCLE (TIME DELAY ON RESTART) CONTROLS.

(8) CONDENSATE PIPE SHALL BE 1" SCHD. 80 PVC. TRAP AT UNIT AND ROUTE TO FLOOR DRAIN. CONSTRUCT ALL TRAPS FROM TEES WITH A CAP ON EACH TEE.

(9) ROUTE REFRIGERANT AND CONDENSATE PIPING TO ALLOW CONVENIENT ACCESS TO HEAT PUMP INDOOR UNIT FOR SERVICING. ALLOW A MINIMUM OF 3'–0" IN FRONT OF ALL ACCESS PANELS.

(10) BASIS OF DESIGN – LG MODEL ARUN060GSS5 REMOTE HEAT PUMP UNIT WITH AND LG MODEL ARNU543NKA4 INDOOR UNIT OR APPROVED EQUALS.

(11) PROVIDE UNITS WITH PHASE PROTECTION.

(12) UNITS AND CONTROLS SHALL BE SETUP SUCH THAT THE ELECTRICAL HEAT IS THE SECOND STAGE OF HEAT AND IS LOCKED OUT ANY TIME THE COMPRESSOR IS OPERATING EXCEPT WHEN THE UNIT IS IN DEFROST MODE.

(13) PROVIDE FACTORY COIL COATING ON CONDENSER COIL TO PREVENT CORROSION.

ROOFING NOTE:

INSTALLATION OF ALL NEW ROOF CURBS AND FLASHING OF CURBS SHALL BE DONE BY A LICENSED ROOFING CONTRACTOR. ALL CURBS SHALL BE FASTENED TO THE ROOF STRUCTURE AND THE EQUIPMENT SHALL BE FASTENED TO THE CURBS SO AS TO WITHSTAND 150 MPH WIND LOADS.

SEQUENCE OF OPERATION

DURING OCCUPIED PERIODS, THE EXHAUST FANS SHALL BE ENERGIZED AND THE AUTOMATIC CONTROL DAMPER (ACD) IN THE OUTSIDE AIR DUCT SHALL BE OPEN.

DURING UNOCCUPIED PERIODS, THE EXHAUST FANS SHALL REMAIN OFF AND THE ACD SHALL REMAIN CLOSED.

FAN SCHEDULE

MARK	TYPE (1)	DRIVE (2)	SERVICE (3)	LOCATION	CONTROL	INTERLOCKS	PERFORMANCE DATA AIR FLOW CFM	EXTERNAL STATIC PRESS. INCHES WC	MAXIMUM RPM	MAX SONES	ELECTRICAL DATA MINIMUM HORSEPOWER	VOLTS	PHASE	HERTZ	REMARKS
EF–1	CEF	DD	EA	SEE PLANS	HP–1	(6)	500	0.25	1403	3.5	160 WATTS	120	1	60	COOK MODEL GC–642 (4)(5)
EF–2	CEF	DD	EA	SEE PLANS	HP–1	(6)	100	0.25	896	1.5	37 WATTS	120	1	60	COOK MODEL GC–148 (4)(5)
EF–3	CEF	DD	EA	SEE PLANS	HP–1	(6)	300	0.25	1389	4.0	99 WATTS	120	1	60	COOK MODEL GC–542 (4)(5)

FAN SCHEDULE NOTES:

(1) CEF – CEILING EXHAUST FAN

(2) DD – DIRECT DRIVE

(3) EA – EXHAUST AIR

(4) PROVIDE FAN WITH A SPEED CONTROLLER FOR AIR FLOW BALANCING. MOUNT CONTROLLER WITHIN FAN HOUSING.

(5) PROVIDE MANUFACTURER AND MODEL LISTED OR BY GREENHECK OR PENN ARE ACCEPTABLE, PROVIDED THAT THEY MEET ALL REQUIREMENTS SPECIFIED FOR FANS MANUFACTURED BY LOREN COOK.

(6) INTERLOCK EXHAUST FANS AND OUTSIDE AIR DAMPER FOR HP–1 TO BE ENERGIZED DURING OCCUPIED PERIODS.

ELECTRIC UNIT HEATER SCHEDULE

MARK	DISCHARGE DIRECTION	TOTAL KW	MINIMUM OUTPUT BTUH	NO. OF STEPS	ELECTRICAL DATA VOLTS	PHASE	HERTZ	AIR FLOW CFM (1)	MOUNTING HEIGHT (2)	REMARKS
EUH–1	HORIZONTAL	5	17,100	1	208	1	60	300	RECESSED CEILING	QMARK CDF558–RE–T (3)(4)
EUH–2	HORIZONTAL	2	6,800	1	208	1	60	300	RECESSED CEILING	QMARK CDF548–RE–T (3)(4)
EUH–3	HORIZONTAL	4	13,700	1	208	1	60	300	RECESSED CEILING	QMARK CDF548–RE–T (3)(4)

ELECTRIC UNIT HEATER NOTES:

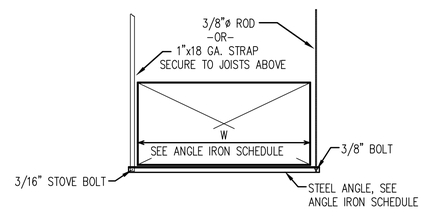
(1) CFM WITH 60°F AMBIENT AIR AND HEATING AT FULL CAPACITY.

(2) TO BOTTOM OF UNIT. MOUNT PER MANUFACTURER'S RECOMMENDATIONS.

(3) PROVIDE WITH UNIT MOUNTED THERMOSTAT WITH A TEMPERATURE RANGE FROM 40°F TO 75°F. SET AT 55°F.

(4) HEATER CAPACITIES (KW) ARE MINIMUM REQUIRED TO SATISFY HEATING REQUIREMENTS. CONTRACTOR SHALL COORDINATE ACTUAL EQUIPMENT PROVIDED WITH ELECTRICAL REQUIREMENTS.

ANGLE IRON SCHEDULE	
W	ANGLE SIZE
31" THRU 42"	1–1/2" x 1–1/2" x 1/8"
43" THRU 60"	1–1/2" x 1–1/2" x 1/8"
61" THRU 84"	2" x 2" x 1/4"
85" & OVER	2" x 2" x 1/4"



TYPICAL DUCTWORK HANGER DETAIL

NOT TO SCALE

TYPE–2 (DUCT WIDTH 31" AND OVER)

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

HVAC SCHEDULES & DETAILS

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Florida Certificate of Authorization #9308
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Designed by: JJO
Drawn by: DWB
Cad by: CDB
Reviewed by: CDB
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

Date: 2022-11-22
Rev.
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

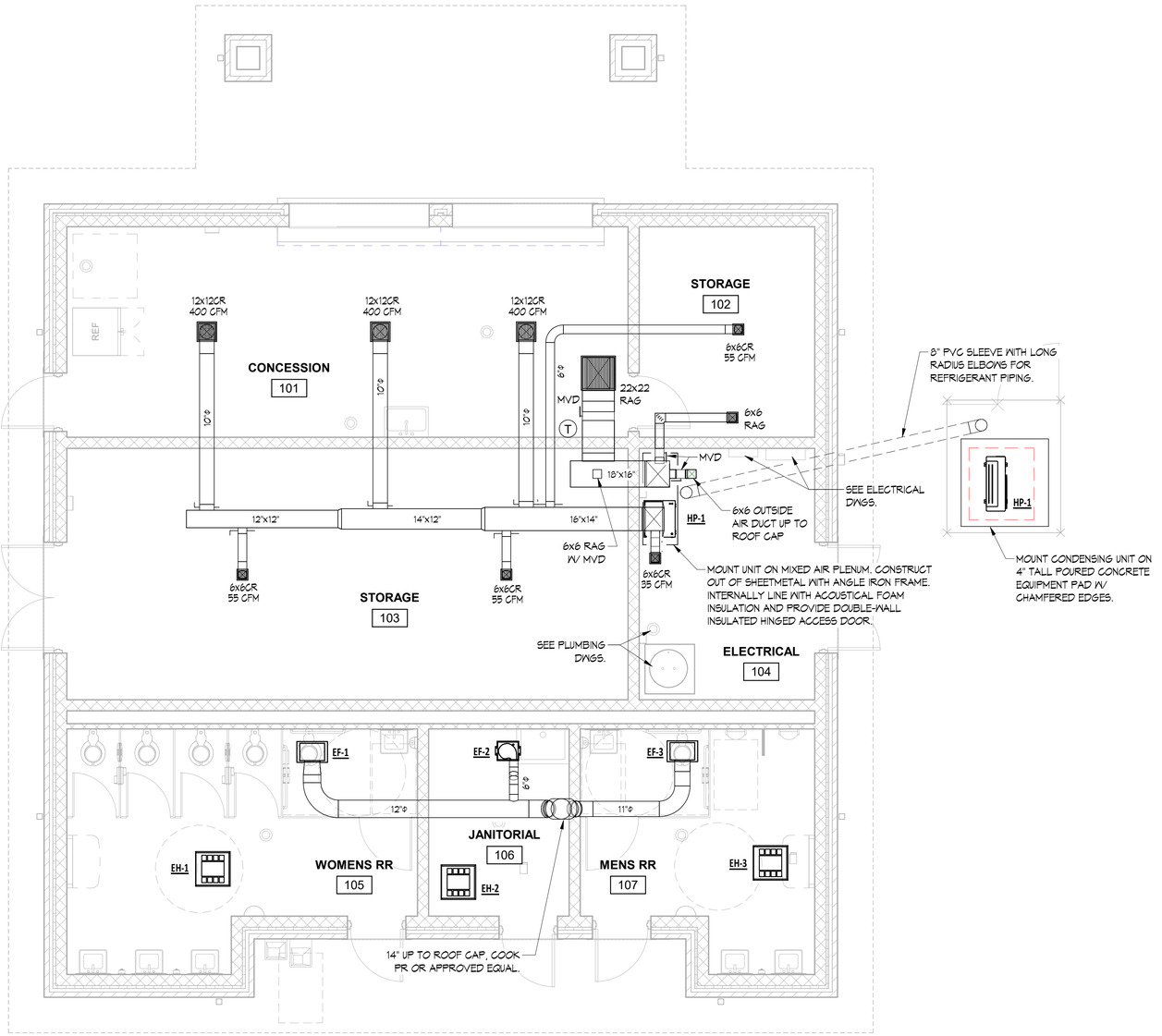
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MILTON, FL 32570

SEAL Charles D. Brown, PE Florida #42140

Sheet Reference No.

M-002

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



PLAN NORTH

1 / M-101

HVAC FLOOR PLAN

1/4" = 1'-0"

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

HVAC FLOOR PLAN

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Reviewed by:	JJO
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	2022-11-22
M&N Project No.	202000
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Sheet Reference No.

M-101

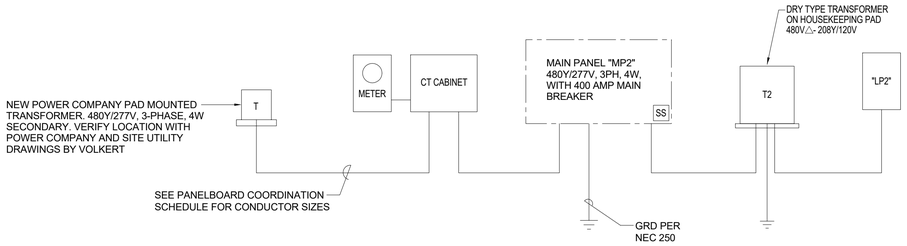
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

LIGHTING FIXTURE SCHEDULE

MARK	BASIS OF DESIGN MANUFACTURER AND CATALOG No.	LAMPS	MOUNTING	REMARKS
BP	H.E. WILLIAMS # EMER/LED-WHT-D-277V	1.8W LED	SURFACE - WALL	EMERGENCY LIGHTING UNIT. PROVIDE WITH EMERGENCY BATTERY BACKUP. PROVIDE WIREGUARD FOR UNITS LOCATED IN TRUCK BAYS ("WG").
LVR	PHILLIPS #LPL-S-4L53-40K-UNV-F1	53W LED	SURFACE - CEILING	1x4 LED VANDAL-RESISTANT, LOW-PROFILE, LINEAR FIXTURE 4000K, 3500 LUMENS
SL	H.E. WILLIAMS # L60-L20C-835-CS-W-WET/CC-AC/CAL/DRV/UNV	26W LED	RECESSED	LISTED FOR WET LOCATIONS
WB	H.E. WILLIAMS # VWPH-L30-740-T3-SDGL-DIM-UNV	36W LED	SURFACE - WALL	HORIZONTAL LED WALL PACK, TYPE III DISTRIBUTION 4000K, 3000 LUMENS, WET LOCATION LISTED

NOTES:
1. SUBSTITUTIONS BY ACUITY, HUBBELL, OR COOPER SHALL BE SUBMITTED TO THE ENGINEER 10 DAYS PRIOR TO BID FOR PRIOR APPROVAL.



POWER RISER DIAGRAM

SCALE: NONE

ELECTRICAL LEGEND - NEW WORK

- NOMINAL 1'X4' VANDAL RESISTANT LED LIGHT FIXTURE, MARK 'LVR', TYPICAL
- LED WALL MOUNTED LIGHT FIXTURE. SEE ARCHITECTURAL FOR MOUNTING HEIGHT
- EMERGENCY LIGHT FIXTURE WITH BATTERY BACKUP UNIT
- $ SINGLE POLE LIGHTING SWITCH, MOUNT 46" AFF
- $VS DUAL TECHNOLOGY VACANCY SENSOR WALL MOUNTED LIGHTING SWITCH. SENSOR SWITCH LINE VOLTAGE #WSD-PDT. MOUNT 46" AFF
- $OS DUAL TECHNOLOGY OCCUPANCY SENSOR WALL MOUNTED LIGHTING SWITCH. SENSOR SWITCH LINE VOLTAGE #WSD-PDT. MOUNT 46" AFF
- OS DUAL TECHNOLOGY CEILING MOUNTED MOTION SENSOR. SENSOR SWITCH #CM-PDT-9-R. PROVIDE POWER PACK. PROVIDE WIRING IN CONDUIT FROM SENSOR TO POWER PACK PER MANUFACTURER'S RECOMMENDATIONS.
- PP DUAL VOLTAGE POWER PACK MOUNTED ABOVE CEILING IN NEMA 1 ENCLOSURE. POWER PACK SHALL BE SENSOR SWITCH #PP-20. PROVIDE WIRING IN CONDUIT FROM POWER PACK TO ALL SENSORS IN SAME ROOM PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE ACCESS PANELS IN AREAS WITH HARD CEILING TYPES.
- DUPLEX RECEPTACLE MOUNT 18" AFF UNLESS NOTED OTHERWISE
- GFCI GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE, MOUNTING HEIGHT AS NOTED
- GFCI WP GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE WITH WEATHERPROOF COVER
- DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER. COORDINATE MOUNTING HEIGHT WITH COUNTERTOPS, ETC
- $M MOTOR RATED SWITCH
- SURFACE MOUNTED POWER PANELBOARD
- NON-FUSED DISCONNECT SWITCH
- TC LC TIME AND LIGHTING CONTACTOR IN NEMA 1 ENCLOSURE FOR CONTROL OF EXTERIOR LIGHTING
- CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALLS
- CONDUIT RUN BELOW GRADE OR IN SLAB.
- CONDUIT RUN EXPOSED PERPENDICULAR OR PARALLEL TO BUILDING LINES
- HOMERUN TO PANELBOARD ANY CIRCUIT WITHOUT FURTHER DESIGNATION 2#12, 1#12 GRD 1/2"C, -//- 3#12, 1#12 GRD, 1/2"C, ETC.

PANELBOARD COORDINATION SCHEDULE (CONCESSION BLDG – PH I)

MARK	TYPE	MOUNTING	VOLTAGE	PH	WIRE	MAIN	SERVICE RATED	KAIC RATING	PH BUS RATING	N BUS RATING	C/B TYPE	FEEDER			INTEGRAL TVSS
												CONDUCTORS	GROUND	CONDUIT	
MP2	NEMA 1	SURFACE	480Y/277	3	4	400	YES	42	400	400	BOLT-ON	4#600	NONE	4"C	YES
LP2	NEMA 1	SURFACE	208Y/120	3	4	150	NO	10	225	225	BOLT-ON	4#1/0	#6	2"C	NO
NOTE	ALL BUSSING COPPER, INCLUDING NEUTRAL AND GROUND.														
	ALL PANEL LUGS 100 AMPS AND GREATER SHALL BE COPPER.														
	ALL LUGS ON CIRCUIT BREAKERS GREATER THAN 400 AMPS SHALL BE COPPER.														
	ALL PANELBOARD CABINETS SHALL BE DOOR IN DOOR CONSTRUCTION WITH FACTORY WELDED METAL CIRCUIT DIRECTORY HOLDERS.														
	* MINIMUM EQUIPMENT RATING. ALL EQUIPMENT SHALL BE FULLY RATED. SERIES RATINGS SHALL NOT BE ALLOWED.														
	** AVAILABLE RMS SYMMETRICAL FAULT CURRENT IN kA AT PANEL.														

TRANSFORMER SCHEDULE (CONCESSION BLDG – PH I)

MARK	PRIMARY VOLTAGE	SECONDARY VOLTAGE	PHASE	WIRE	KVA	PRIMARY FEEDER SIZE	SIZE GROUND TO 3/4" x 10' GROUND ROD	SIZE GND TO FOUNDATION REBAR, WATER & BLDG STEEL
T2	480	208Y/120	3	4	45	3#4,#6G, 1"C	#6	#6

PERMIT
ISSUED: 2022-11-22

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

ELECTRICAL LEGEND, SCHEDULES AND DETAILS

ADAMS CONSULTING ENGINEERING, INC.
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SCOTT A. ADAMS, P.E. FL LICENSE No. 67949 • CA No. 26311

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by: SAA | Drawn by: SAA | Reviewed by: SAA | Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2022-11-22 | Cad by: SAA | Drawing code:
M&N Project No. 202000
Drawing Scale: | Plot scale: 1:1 (D SHEET)
Rev.

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Sheet Reference No.
E-001

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PANELBOARD SCHEDULE

MARK: **MAIN PANEL "MP2" (480Y/277 VOLT, 3 PH, 4W, 400A MAIN BREAKER IN CONCESSION BLDG - PH I)**

CKT No.	LOAD DESCRIPTION	BREAKER P	BREAKER TRIP	PHASE (kVA) A	PHASE (kVA) B	PHASE (kVA) C	PHASE (kVA) A	PHASE (kVA) B	PHASE (kVA) C	BREAKER TRIP	BREAKER P	LOAD DESCRIPTION	CKT No.
1	SPORTS LIGHTING POLE 'S1'	3	*20	2.50			10.40			70	3	PANEL 'LP2'	2
3	-	-	-		2.50			10.81		-	-	(VIA TFMR T2)	4
5	-	-	-			2.50			11.45	-	-	-	6
7	SPORTS LIGHTING POLE 'S2'	3	*20	4.00			4.50			*30	3	SPORTS LIGHTING POLE 'S7'	8
9	-	-	-		4.00			4.50		-	-	-	10
11	-	-	-			4.00			4.50	-	-	-	12
13	SPORTS LIGHTING POLE 'S3'	3	*20	4.00			4.50			*30	3	SPORTS LIGHTING POLE 'S8'	14
15	-	-	-		4.00			4.50		-	-	-	16
17	-	-	-			4.00			4.50	-	-	-	18
19	SPORTS LIGHTING POLE 'S4'	3	*20	2.50			4.50			*30	3	SPORTS LIGHTING POLE 'S9'	20
21	-	-	-		2.50			4.50		-	-	-	22
23	-	-	-			2.50			4.50	-	-	-	24
25	SPORTS LIGHTING POLE 'S5'	3	*20	2.50			4.50			*30	3	SPORTS LIGHTING POLE 'S10'	26
27	-	-	-		2.50			4.50		-	-	-	28
29	-	-	-			2.50			4.50	-	-	-	30
31	SPORTS LIGHTING POLE 'S6'	3	*20	2.50			3.60			*30	2	FUTSOL FIELD 1	32
33	-	-	-		2.50			3.60		-	-	-	34
35	-	-	-			2.50			3.60	*30	2	FUTSOL FIELD 1	36
37	SPARE	3	100				3.60			-	-	-	38
39	-	-	-							30	2	SPARE	40
41	-	-	-							-	-	-	42
				18.0	18.0	18.0	35.6	32.4	33.1				

TOTAL (kVA) A: 53.6 B: 50.4 C: 51.1 HIGH PHASE (AMPS) 193.5

TOTAL CONNECTED LOAD (kVA) 155.06 TOTAL LOAD (AMPS) 186.5

CIRCUIT & CIRCUIT BREAKER NOTES:

* VERIFY C.B. RATING, LOAD, CIRCUIT SIZE, ETC WITH UTILITY/SITE ELECTRICAL DRAWINGS BY VOLKERT PRIOR TO RELEASING PANELS.

PANELBOARD SCHEDULE

MARK: **PANEL "LP2" (208Y/120V, 3PH, 4W, 150A M.B. IN CONCESSION BLDG - PH I)**

CKT No.	LOAD DESCRIPTION	BREAKER P	BREAKER TRIP	PHASE (kVA) A	PHASE (kVA) B	PHASE (kVA) C	PHASE (kVA) A	PHASE (kVA) B	PHASE (kVA) C	BREAKER TRIP	BREAKER P	LOAD DESCRIPTION	CKT No.
1	LIGHTS - INDOOR	1	20	1.00			0.72			20	1	RECEPTS - RM 104,OUTDOOR	2
3	LIGHTS - INDOOR	1	20		0.80			0.36		20	1	RECEPTS - RM 102	4
5	LIGHTS - BLDG MTD EXT	1	20			0.18			1.08	20	1	RECEPTS - RM 103,OUTDOOR\	6
7	RECEPTS - RM 101	1	20	0.18			0.72			20	1	RECEPTS - RM 106,OUTDOOR	8
9	RECEPTS - RM 101	1	20		0.18			0.70		20	1	RECEPTS - EWC	10
11	RECEPTS - RM 101	1	20			0.18				20	1	SPARE	12
13	RECEPTS - RM 101	1	20	0.18			0.66			*15	2	HP-1 (INDOOR UNIT)	14
15	RECEPTS - RM 101	1	20		0.18			0.66			-	-	16
17	RECEPTS - RM 101	1	20			0.18			2.08	*40	2	HP-1 (OUTDOOR UNIT)	18
19	RECEPTS - RM 101	1	20	0.18			2.08				-	-	20
21	RECEPTS - RM 101	1	20		0.18			2.25		**30	2	EWH-1	22
23	RECEPTS - RM 101	1	20			1.00			2.25		-	-	24
25	RECEPTS - RM 101	1	20	1.00			2.50			**30	2	EUH-1	26
27	RECEPTS - RM 101	1	20		1.00			2.50			-	-	28
29	RECEPTS - RM 101 ICE MACH	1	**20			1.50			1.00	**15	2	EUH-2	30
31	RECEPTS - RM 101	1	20	0.18			1.00				-	-	32
33	SPARE	1	20					2.00		**25	2	EUH-3	34
35	SPARE	1	20						2.00		-	-	36
37	SPARE	1	20							20	1	SPARE	38
39	SPARE	1	20							20	1	SPARE	40
41	SPARE	1	20							20	1	RE	42
				2.7	2.3	3.0	7.7	8.5	8.4				

TOTAL (kVA) A: 10.40 B: 10.81 C: 11.45 HIGH PHASE (AMPS) 95.4

TOTAL CONNECTED LOAD (kVA) 32.66 TOTAL LOAD (AMPS) 90.7

CIRCUIT & CIRCUIT BREAKER NOTES:

* PROVIDE HACR TYPE C.B. AND VERIFY C.B. RATING WITH ACTUAL EQUIPMENT PROVIDED.

** VERIFY C.B. RATING WITH ACTUAL EQUIPMENT PROVIDED.

MECHANICAL EQUIPMENT ELECTRICAL SCHEDULE (CONCESSION BLDG – PH I)

MARK	ITEM	VOLTAGE/ PHASE	MCA	LOAD (kVA)	WIRING	PANEL FED FROM	CIRCUIT BREAKER	DISCONNECT	NOTES
HP-1	HEAT PUMP UNIT (INDOOR UNIT)	208/1	7.0	1.12	2#12,#12G,1/2"C	LP2	15/2	30/2	1
HP-1	HEAT PUMP UNIT (OUTDOOR UNIT)	208/1	25.0	4.16	2#10,#10G,1/2"C	LP2	40/2	60/2	2
EUH-1	ELECTRIC UNIT HEATER	208/1	30.0	5.00	2#10,#10G,1/2"C	LP2	30/2	30/2	2
EUH-2	ELECTRIC UNIT HEATER	208/1	12.0	2.00	2#12,#12G,1/2"C	LP2	15/2	30/2	2
EUH-3	ELECTRIC UNIT HEATER	208/1	24.0	4.00	2#10,#10G,1/2"C	LP2	25/2	30/2	2
EF-1	EXHAUST FAN	120/1	2.0	0.20	2#12,#12G,1/2"C	LP2	20/1	20/1	3
EF-2	EXHAUST FAN	120/1	1.0	0.10	2#12,#12G,1/2"C	LP2	20/1	20/1	3
EF-3	EXHAUST FAN	120/1	1.0	0.10	2#12,#12G,1/2"C	LP2	20/1	20/1	3
EWH-1	ELECTRIC WATER HEATER	208/1	27.0	4.50	2#10,#10G,1/2"C	LP2	30/2	30/2	1
NOTES	1. PROVIDE NEMA 1 DISCONNECT. VERIFY RATING WITH EQUIPMENT PROVIDED.								
	2. PROVIDE NEMA 3R DISCONNECT. VERIFY RATING WITH EQUIPMENT PROVIDED.								
	3. PROVIDE 20/1 MOTOR RATED TOGGLE SWITCH DISCONNECTAT EF AND CONNECT TO LIGHTING CIRCUIT CONTROLLED BY OCCUPANCY SENSORS. VERIFY CONTROLS WITH MECHANICAL.								

PERMIT
ISSUED: 2022-11-22

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

SCHEDULES

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SANTA ROSA COUNTY
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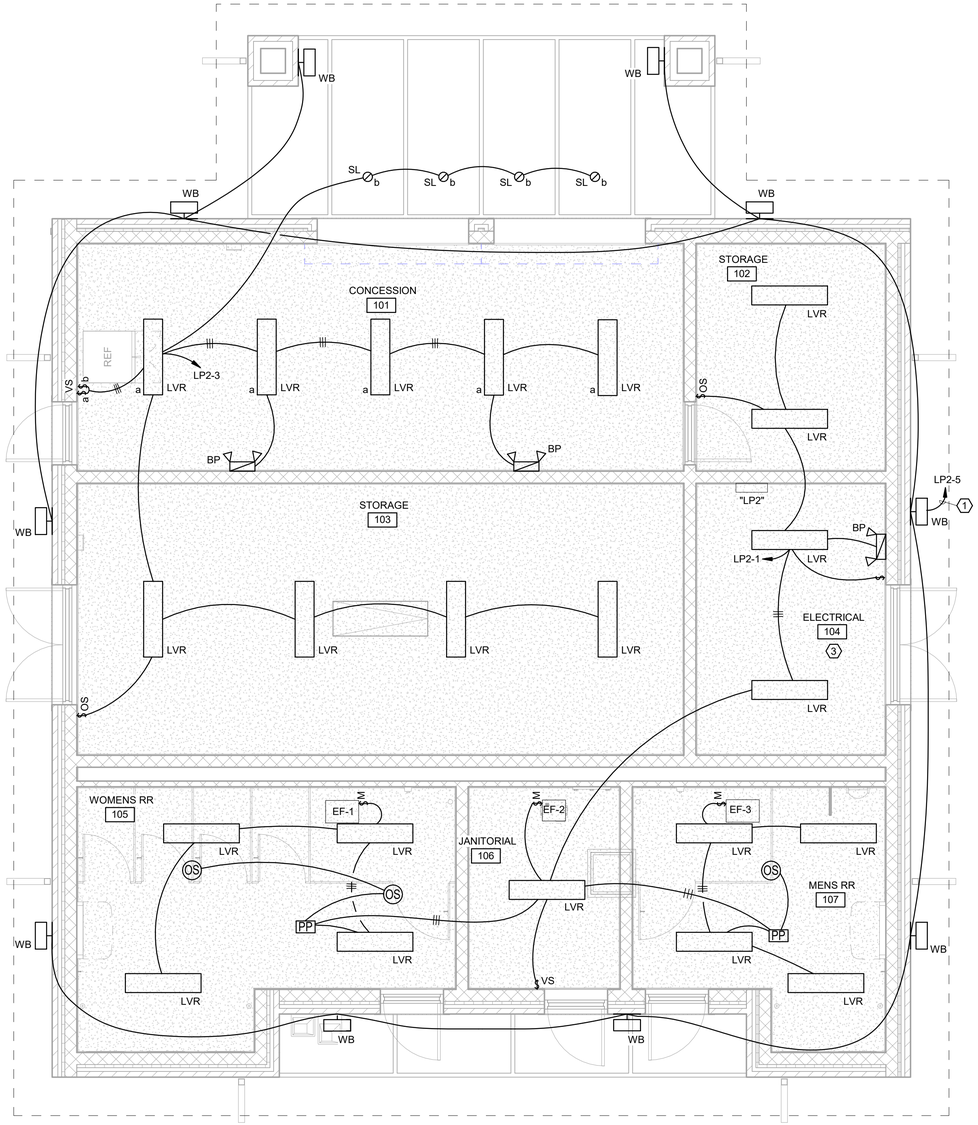
Designed by: SAA
Drawn by: SAA
Reviewed by: SAA
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Cad by: SAA
Date: 2022-11-22
Rev:
M&N Project No. 202000
Drawing code:
Drawing Scale:
Plot scale: 1:1 (0 SHEET)

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E-002

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



PLAN NORTH

1 / E-101

LIGHTING PLAN

1/4" = 1'-0"

KEY NOTES:

1. ROUTE EXTERIOR LIGHTING CIRCUIT THROUGH CONTACTOR WITH TIME CLOCK CONTROL. PROVIDE 20A/2P LIGHTING CONTACTOR AND 7-DAY/24-HOUR PROGRAMMABLE DIGITAL TIME CLOCK ADJACENT TO PANEL "LP2".

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

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ISSUED: 2022-11-22

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

LIGHTING PLAN

ACE ADAMS CONSULTING ENGINEERING, INC.
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Dwn by: SAA	Chd by: SAA
Reviewed by: SAA	M&N Project No. 202000
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing scale:
	Drawing Scale: Plot scale: 1:1 (D SHEET)

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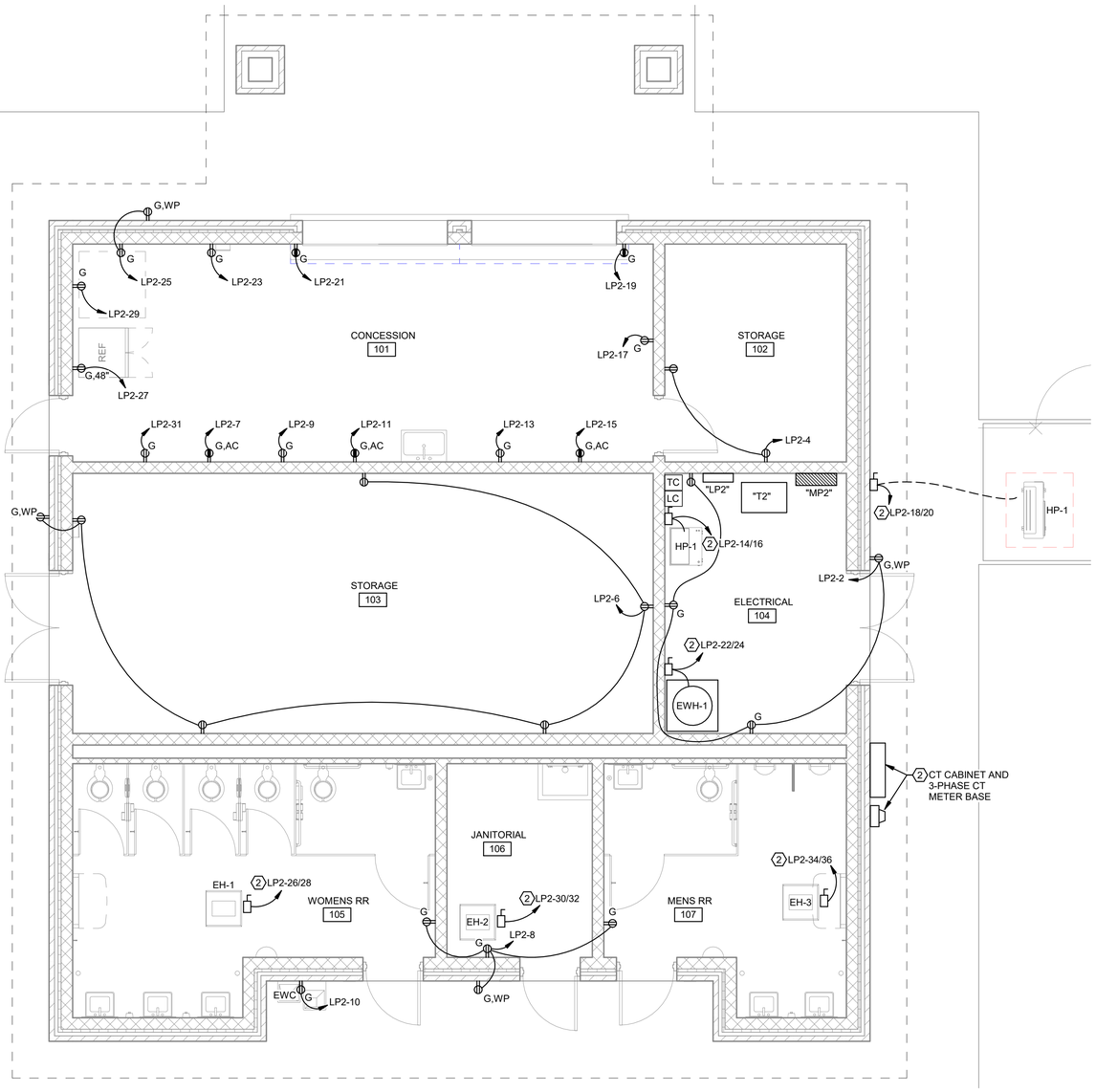
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SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



PLAN NORTH

1 / E-201

POWER & SIGNAL PLAN

1/4" = 1'-0"

KEY NOTES:

1. PROVIDE CT CABINET AND 3-PHASE CT METER. VERIFY ALL REQUIREMENTS, LOCATION ETC. WITH FLORIDA POWER AND LIGHT (FPL) PRIOR TO CONSTRUCTION. SERVICE CONDUCTORS FROM CT CABINET TO MAIN POWER PANEL "MP2" SHALL BE ROUTED UNDERGROUND (BELOW SLAB) UNLIT ENTERING MAIN PANEL "MP2".
2. SEE "MECHANICAL EQUIPMENT ELECTRICAL SCHEDULE" FOR ELECTRICAL REQUIREMENTS.

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

PERMIT
ISSUED: 2022-11-22

SANTA ROSA COUNTY FLORIDA
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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

POWER & SIGNAL PLAN

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Drawn by:	SAA
Checked by:	SAA
Reviewed by:	SAA
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	2022-11-22
M&N Project No.	202000
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Sheet Reference No.

E-201

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

1.00 GENERAL NOTES

1.01 THESE DRAWINGS ADDRESS ONLY THE STRUCTURAL DESIGN OF THE STRUCTURE. THE DIMENSIONAL LAYOUT OF THE STRUCTURE HAS BEEN DICTATED TO JOE DEREUIL ASSOCIATES IN ORDER TO PRODUCE STRUCTURAL DESIGN DOCUMENTS. NO REPRESENTATION IS MADE REGARDING CODE CONFORMANCE OF NON-STRUCTURAL ASPECTS OF THE STRUCTURE.

1.02 THESE STRUCTURAL NOTES SHALL BE APPLIED WITH THE TECHNICAL SPECIFICATIONS IN THE SPECIFICATIONS MANUAL. ANY CONFLICTING REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER-OF-RECORD FOR RESOLUTION BEFORE PROCEEDING WITH FABRICATION OR CONSTRUCTION.

1.03 DRAWINGS SHOW TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. FOR DETAILS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS SIMILAR TO THOSE SHOWN.

1.04 THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC., ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PROVIDE ALL TEMPORARY AND PERMANENT TIMBER TRUSS BRACING AS REQUIRED BY BCSI (BUILDING COMPONENT SAFETY INFORMATION, BY TPI AND WTCA).

1.05 COORDINATE STRUCTURAL CONTRACT DOCUMENTS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL. NOTIFY STRUCTURAL ENGINEER OF ANY CONFLICT AND/OR OMISSION. CONTRACTOR SHALL MAKE NO DEVIATION FROM DESIGN DRAWINGS WITHOUT WRITTEN APPROVAL OF THE ARCHITECT. FOR ADDITIONAL OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS, SEE ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS.

1.06 DESIGN CRITERIA:

THE STRUCTURE HAS BEEN DESIGNED UTILIZING THE FOLLOWING REFERENCES:

A. FLORIDA BUILDING CODE, 2020
B. ASCE 7-16, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
C. ACI 302.1 R-15, CONCRETE FLOOR AND SLAB CONSTRUCTION
D. ACI 318-14, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
E. ACI 360 R-10, DESIGN OF SLABS-ON-GROUND
F. NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2018
G. TMS 402/602-16, BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES

1.07 DESIGN LOADS

A. DEAD LOADS:
1. TRUSS TOP CHORD DEAD LOAD: 10 PSF (5 PSF FOR UPLIFT CONDITIONS)
2. TRUSS BOTTOM CHORD DEAD LOAD: 10 PSF (5 PSF FOR UPLIFT CONDITIONS)

B. LIVE LOADS: (MAY BE REDUCED PER CODE)
1. ROOFS: 20 PSF
2. SLAB-ON-GRADE: 150 PSF

C. WIND LOADS - STRUCTURE HAS BEEN DESIGNED TO CONFORM TO THE WIND PROVISIONS OF ASCE 7-16. SEE WIND PRESSURE DIAGRAM & CHART FOR THE FOLLOWING:

1. ULTIMATE WIND SPEED (3-SEC GUST)
2. NOMINAL WIND SPEED (3-SEC GUST)
3. BUILDING RISK CATEGORY
4. WIND EXPOSURE CATEGORY
5. INTERNAL PRESSURE COEFFICIENT
6. COMPONENT & CLADDING WIND PRESSURES

1.08 SHOP DRAWING SUBMITTALS:

A. THE REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS DONE BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER. THE REVIEW BY THE STRUCTURAL ENGINEER IS FOR GENERAL CONFORMANCE ONLY. IF SHOP DRAWINGS HAVE NOT BEEN REVIEWED AND APPROVED BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER, THEY SHALL BE RETURNED WITHOUT APPROVAL.

B. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY AND ALL ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF ALL SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONSTRUCTION DOCUMENTS.

C. ALL MODIFICATIONS MADE FOR SUBMITTALS THAT ARE RE-SUBMITTED SHALL CLEARLY NOTE ALL CHANGES.

D. REPRODUCING THE CONTRACT DOCUMENTS FOR USE AS SHOP DRAWINGS IS NOT ALLOWED, AND SHOP DRAWINGS WILL BE RETURNED WITHOUT APPROVAL.

E. GENERAL SHOP DRAWING REQUIREMENTS:

1. SUBMIT SHOP DRAWINGS AND ANY OTHER SPECIAL INFORMATION NECCESSARY FOR PROPER FABRICATION, ERECTION, AND PLACEMENT OF STRUCTURAL FABRICATIONS. INCLUDE PLANS, ELEVATIONS, AND SECTIONS. CLEARLY SHOW ANCHORAGES, CONNECTIONS, AND ACCESSORY ITEMS. THE DETAILER MUST INTERPRET THE CONTRACT DOCUMENTS AND CLEARLY CONVEY THIS INTERPRETATION TO THE FIELD IN THE FORM OF PLACING OR ERECTION DRAWINGS.

1.09 SHOP DRAWINGS BY SPECIALTY ENGINEER:

A. THE FOLLOWING SYSTEMS AND COMPONENTS AS A MINIMUM REQUIRE SPECIALTY ENGINEERED ERECTION AND FABRICATION DRAWINGS WITH INPUT BY A SPECIALTY ENGINEER, BUT ARE NOT LIMITED TO: WINDOW SYSTEMS, DOOR SYSTEMS, AND ROOF TRUSSES.
B. THE SPECIALTY ENGINEER OR SUPPLIER SHALL DESIGN AND INSTALL THEIR COMPLETED SYSTEM IN ITS ENTIRETY TO THE PRIMARY STRUCTURE PER THE CRITERIA NOTED ON THESE CONSTRUCTION DOCUMENTS. THE SPECIALTY ENGINEER SHALL ADHERE TO ALL REQUIREMENTS OF THE APPLICABLE BUILDING CODE OR THESE NOTES, WHICHEVER IS MORE STRINGENT.
C. SHOP DRAWINGS SHALL BE PROVIDED TO THE ARCHITECT/E.O.R. AND CALCULATIONS SHALL REQUIRE THE SEAL, DATE, AND SIGNATURE OF THE SPECIALTY ENGINEER REGISTERED IN THE PROJECT STATE.

2.00 FOUNDATIONS AND SLAB-ON-GRADE

2.01 THE DESIGN OF FOUNDATIONS AND SLAB ON GRADE IS BASED ON THE CRITERIA ESTABLISHED IN THE GEOTECHNICAL REPORT BY TIERRA ENGINEERING, PENSACOLA, FL; PROJECT #4511-20-031, DATED APRIL 14, 2021. THE RECOMMENDATIONS OF THAT REPORT SHALL BE CONSIDERED AN INTEGRAL PART OF THE CONTRACT DOCUMENTS.

2.02 SHALLOW FOUNDATIONS HAVE BEEN DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 1500 PSF.

2.03 A QUALIFIED GEOTECHNICAL ENGINEER SHALL VERIFY CONDITION AND/OR ADEQUACY OF ALL SUBGRADES, FILLS AND BACKFILLS BEFORE PLACEMENT OF FOUNDATIONS, FOOTINGS, SLABS, WALLS, FILLS, BACKFILLS, ETC. SHOULD THE CONTRACTOR FIND UNDESIRABLE SOILS, HE SHALL STOP WORK AND IMMEDIATELY CONTACT THE ENGINEER OF RECORD. ALL FOOTINGS SHALL REST EITHER ON UNDISTURBED SOIL OR A MANUALLY OPERATED VIBRATORY SLED OR TAMPER SHOULD BE USED TO DENSIFY ANY SOILS IN THE BOTTOM OF THE FOOTING TRENCHES LOOSENED DURING THE EXCAVATION OPERATION.

2.04 SIDES OF FOUNDATIONS SHALL BE FORMED UNLESS CONDITIONS PERMIT EARTH FORMING. FOUNDATIONS POURED AGAINST THE EARTH REQUIRE THE FOLLOWING PRECAUTIONS: SLOPE SIDES OF EXCAVATIONS AS APPROVED BY GEOTECHNICAL ENGINEER AND CLEAN UP SLOUGHING BEFORE AND DURING CONCRETE PLACEMENT.

2.05 CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY PROTECTING ALL EXCAVATION SLOPES.

2.06 DEWATER TO AT LEAST TWO FEET BELOW BOTTOM OF LOWEST FOUNDATION IF GROUNDWATER IS ENCOUNTERED, UNLESS ANOTHER METHOD HAS BEEN APPROVED BY THE GEOTECHNICAL ENGINEER OF RECORD FOR THIS PROJECT.

2.07 SLAB-ON-GRADE REQUIREMENTS:

A. UNLESS NOTED OTHERWISE, THE SLAB-ON-GRADE SHALL BE A MINIMUM OF :

4 INCHES THICK, PLACED ON COMPACTED SUBGRADE, AND REINFORCED WITH 6x6 W2.0xW2.0 WWF IN FLAT SHEETS (ROLLS ARE NOT PERMITTED). PROVIDE POSITIVE SUPPORT 2" CLEAR FROM BOTTOM OF SLAB. LAP MESH 12".

B. PLACE CONTRACTION OR CONSTRUCTION JOINTS AT LOCATIONS INDICATED BY "S.C.J." SAWCUT CONTROL JOINTS AS SOON AFTER POURING AS POSSIBLE, WHEN CONCRETE WILL NOT RAVEL; 12 HRS. MAX. CURE CONCRETE IN ACCORDANCE WITH ACI 301. BEGIN CURING IMMEDIATELY AFTER POURING TO LIMIT CRACKING PRIOR TO SAWCUTTING CONTROL JOINTS.

C. SUBGRADE SHALL BE PREPARED AS RECOMMENDED IN THE GEOTECHNICAL REPORT.

D. VAPOR RETARDER SHALL CONFORM TO ASTM E1745, CLASS A, 15 MIL MINIMUM THICKNESS. THE VAPOR RETARDER SHOULD BE PLACED OVER THE PREPARED SUBGRADE. VAPOR RETARDER SHOULD BE OVERLAPPED 8 IN. AND TAPED AT THE JOINTS AND CAREFULLY FITTED AROUND SERVICE OPENINGS.

3.00 REINFORCED CONCRETE

3.01 ALL CONCRETE WORK SHALL CONFORM TO ACI 301-16, SPECIFICATIONS FOR STRUCTURAL CONCRETE. DESIGN IS BASED ON ACI 318-14, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE. DETAIL CONCRETE REINFORCEMENT AND ACCESSORIES IN ACCORDANCE WITH ACI 315R-18, GUIDE TO PRESENTING REINFORCING STEEL DESIGN DETAILS. SUBMIT SHOP DRAWINGS FOR APPROVAL, SHOWING ALL FABRICATION DIMENSIONS AND LOCATIONS FOR PLACING REINFORCING STEEL AND ACCESSORIES. DO NOT BEGIN FABRICATION UNTIL SHOP DRAWINGS ARE COMPLETED AND REVIEWED.

3.02 UNLESS NOTED OTHERWISE, ALL CONCRETE SHALL BE NORMAL WEIGHT AND HAVE THE FOLLOWING MINIMUM 28 DAY COMPRESSIVE STRENGTHS (Fc'), WATER TO CEMENTITIOUS CONTENT (W/CM) AND AIR CONTENT ACCORDING TO EXPOSURE CLASS (EC):

	Fc'	MAX. W/CM	AIR CONTENT
A. FOUNDATIONS (EC)-F0, S0, W0, C0)	3500 PSI	0.50	N/A
B. SLAB-ON-GRADE – INTERIOR (EC-F0, S0, W0, C0)	3500 PSI	0.50	N/A

CONCRETE MAY CONTAIN A PROPERLY DESIGNED SUPERPLASTICIZER FOR WORKABILITY.

3.03 REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60 UNLESS NOTED OTHERWISE.

3.04 REASONABLE MEASURES HAVE BEEN TAKEN TO MITIGATE SHRINKAGE CRACKING THROUGH THE USE OF JUDICIOUS DETAILING AND REINFORCING. HOWEVER SOME VISIBLE CRACKING IS TO BE EXPECTED AS A RESULT OF CONCRETE SHRINKAGE RESTRAINT. FURTHER MEASURES COULD BE TAKEN TO ELIMINATE ALL VISIBLE CRACKING, BUT THESE WOULD COME AT A COST IN THE FORM OF ADDITIONAL REINFORCING. ANY CRACKING THAT DOES OCCUR SHALL BE REPAIRED WITH APPROPRIATE PROCEDURES.

3.05 THE PROPOSED MATERIALS AND MIX DESIGN SHALL BE FULLY DOCUMENTED AND REVIEWED BY THE OWNER'S TESTING LABORATORY. RESPONSIBILITY FOR OBTAINING THE REQUIRED DESIGN STRENGTH IS THE CONTRACTOR'S.

3.06 USE OF CALCIUM CHLORIDE, CHLORIDE IONS, OR OTHER SALTS IN CONCRETE IS NOT PERMITTED.

PERMIT SET
ISSUED: 2022-11-22
NOT ISSUED FOR CONSTRUCTION

JDA JOE DEREUIL ASSOCIATES, LLC
STRUCTURAL ENGINEERS
STATE OF FLORIDA
P.E. NO. 54319 / C.A. NO. 9515
301 West Cervantes St. Tel. 850.429.1951
Pensacola, FL 32501 JDA JOB #: 21185

SANTA ROSA COUNTY, FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

GENERAL NOTES

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GULF BREEZE, FL 32563
SANTA ROSA COUNTY

Designed by: JFB	Drawn by: JFB	Reviewed by: LJD	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2022-11-22	Cad by: BJB	Drawing code:	Drawing Scale: Plot scale: 1:1 (0 SHEET)
Rev:	M&N Project No. 202000		

LOUIS JOSEPH DEREUIL CERTIFICATE No. 54319 STATE OF FLORIDA REGISTERED ENGINEER
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Sheet Reference No.
S-001

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

3.07 TIE ALL REINFORCING STEEL AND EMBEDMENTS SECURELY IN PLACE PRIOR TO PLACING CONCRETE. PROVIDE SUFFICIENT SUPPORTS TO MAINTAIN THE POSITION OF REINFORCEMENT WITHIN SPECIFIED TOLERANCE DURING ALL CONSTRUCTION ACTIVITIES. "STICKING" DOWELS INTO WET CONCRETE IS NOT PERMITTED.

3.08 PROVIDE CONTINUOUS REINFORCEMENT WHEREVER POSSIBLE; SPLICE ONLY AS SHOWN OR APPROVED; STAGGER SPLICE WHERE POSSIBLE; USE FULL TENSION SPLICE (CLASS "B") UNLESS NOTED OTHERWISE. DOWELS SHALL MATCH THE SIZE AND SPACING OF THE SPECIFIED REINFORCEMENT AND SHALL BE LAPPED WITH FULL TENSION SPLICES (CLASS "B") UNLESS NOTED OTHERWISE. PROVIDE CLASS B LAP SPLICE CORNER BARS AT ALL CORNERS AND INTERSECTIONS OF BEAMS AND FOUNDATIONS.

3.09 REINFORCING STEEL SHALL HAVE THE FOLLOWING CONCRETE COVER UNLESS NOTED OTHERWISE (PER ACI 318-14 TABLE 20.6.1.3.1):

A. CONCRETE AGAINST EARTH (NOT FORMED): 3"

B. FORMED CONCRETE EXPOSED TO THE EARTH OR WEATHER:
1. #6 THROUGH #18 BARS: 2"
2. #5 BARS AND SMALLER: 1-1/2"

C. CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
1. SLABS AND WALLS: 3/4"
2. BEAMS (STIRRUPS) AND COLUMNS (TIES): 1-1/2"

3.10 DO NOT PLACE DUCTS EXCEEDING ONE-THIRD THE SLAB OR WALL THICKNESS WITHIN THE SLAB OR WALL UNLESS SPECIFICALLY SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.

3.11 DO NOT WELD OR TACK WELD REINFORCING STEEL UNLESS APPROVED OR DIRECTED BY THE STRUCTURAL ENGINEER.

3.12 SHORING SHALL REMAIN IN PLACE UNTIL CONCRETE HAS ATTAINED 75% OF ITS 28-DAY STRENGTH.

3.13 THE LICENSED DESIGN PROFESSIONAL, A PERSON UNDER THE SUPERVISION OF A LICENSED DESIGN PROFESSIONAL, OR A QUALIFIED INSPECTOR SHALL VERIFY COMPLIANCE WITH CONSTRUCTION DOCUMENTS. (ACI 318-14 PAR. 26.13.1.3)

4.00 MASONRY

4.01 CONCRETE MASONRY DESIGN, CONSTRUCTION AND TESTING SHALL CONFORM TO TMS 402/602-16, BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES.

4.02 PROVIDE LIGHTWEIGHT, HOLLOW, LOAD-BEARING CONCRETE MASONRY UNITS (CMU) CONFORMING TO ASTM C90, UNLESS NOTED OTHERWISE.

4.03 PROVIDE MASONRY CONSTRUCTION WITH MINIMUM COMPRESSIVE STRENGTH, f'm = 2,000 PSI.

4.04 PROVIDE TYPE "M" OR "S" MORTAR IN ACCORDANCE WITH ASTM C270 BY PROPORTION REQUIREMENTS, UNLESS NOTED OTHERWISE.

4.05 VERTICAL CELLS SHALL BE REINFORCED WITH #5 BARS AT 48" O.C. MINIMUM, UNLESS NOTED OTHERWISE (U.N.O.) IN THE CONTRACT DRAWINGS. VERTICAL REINFORCING SHALL BE CONTINUOUS (LAPPED 48 BAR DIAMETERS MINIMUM AT SPLICES, U.N.O.) AND HELD IN POSITION AT THE TOP AND BOTTOM OF THE GROUT POUR. U.N.O., POSITION VERTICAL REINFORCING IN THE CENTER OF THE CELL. REFER TO SECTIONS AND DETAILS FOR ADDITIONAL REINFORCING.

4.06 PROVIDE GROUT FOR REINFORCED MASONRY IN ACCORDANCE WITH ASTM C476. GROUT SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,500 PSI UNLESS NOTED OTHERWISE. GROUT SHALL BE FLUID CONSISTENCY. FLUID CONSISTENCY SHALL MEAN THAT CONSISTENCY IS AS FLUID AS POSSIBLE FOR POURING WITHOUT SEGREGATION OF THE CONSTITUENT PARTS. FILL ALL CELLS BELOW GRADE WITH GROUT. ALL GROUT SHALL BE CONSOLIDATED AT THE TIME OF POURING BY VIBRATING AND THEN RECONSOLIDATED BY AGAIN PUDDLING LATER, BEFORE PLASTICITY IS LOST. WHEN GROUTING IS STOPPED FOR ONE HOUR OR LONGER, CONSTRUCTION JOINTS SHALL BE FORMED BY STOPPING THE POUR OF THE GROUT 1-1/2 INCHES BELOW THE TOP OF THE UPPERMOST UNIT.

4.07 PROVIDE HORIZONTAL JOINT REINFORCEMENT COMPLYING WITH ASTM A82, NO. 9 GAUGE OR HEAVIER, ZINC COATED, PLACED 16 INCHES ON CENTER UNLESS NOTED OTHERWISE.

4.08 PROVIDE RUNNING BONDS WITH VERTICAL JOINTS LOCATED AT CENTER OF MASONRY UNITS IN THE ALTERNATE COURSE BELOW, UNLESS NOTED OTHERWISE.

4.09 ALL MASONRY UNITS SHALL BE FREE OF EXCESSIVE DUST AND DIRT AT THE TIME THEY ARE LAYED BY THE MASON.

4.10 ALL REINFORCED HOLLOW UNIT MASONRY SHALL BE BUILT TO PRESERVE THE UNOBSTRUCTED VERTICAL CONTINUITY OF THE CELLS TO BE FILLED. WALLS AND CROSS WEBS IN ALL REINFORCED MASONRY WALLS SHALL BE FULLY BEDDED IN MORTAR. ALL HEAD (OR END) JOINTS SHALL BE SOLIDLY FILLED WITH MORTAR FOR A DISTANCE IN FROM EACH FACE OF THE UNIT NOT LESS THAN THE THICKNESS OF THE LONGITUDINAL FACE SHELLS, BOND SHALL BE PROVIDED BY LAPPING UNITS IN SUCCESSIVE VERTICAL COURSES.

4.11 PROVIDE VERTICAL CONTROL JOINTS WHERE SHOWN ON THE CONTRACT DRAWINGS.

4.12 SAMPLE AND TEST MASONRY MATERIAL IN ACCORDANCE WITH TMS 602-16, TABLE 3, QUALITY ASSURANCE LEVEL 2.

4.13 INSPECT MASONRY CONSTRUCTION IN ACCORDANCE WITH TMS 602-16, TABLE 4, QUALITY ASSURANCE LEVEL 2.

5.00 STRUCTURAL TIMBER:

5.01 MATERIALS:

A. SUBMIT THE FOLLOWING PRODUCT DATA TO ENGINEER FOR REVIEW:
1. STAINLESS STEEL NAILS USED TO FASTEN SHEATHING – SIZE & DIA.
2. LVL BEAMS - DESIGN STRENGTH AND MODULUS OF ELASTICITY.
3. STAINLESS STEEL TRUSS TO PLATE CONNECTORS – DESIGN STRENGTH (GRAVITY AND WIND LOADS)

B. ALL TIMBER: KILN DRIED NO. 2 SOUTHERN PINE OR BETTER,

C. ALL TIMBER, EXPOSED TO WEATHER OR IN DIRECT CONTRACT WITH CMU OR CONCRETE SHALL BE PRESSURE TREATED.

D. ALL METAL BASE PLATES, CAPS, BRACKETS, HANGERS AND BOLTS SHALL BE STAINLESS STEEL.

E. ALL TIMBER CONNECTORS INDICATED ARE SIMPSON FASTENERS. EQUIVALENT FASTENERS BY OTHER MANUFACTURERS MAY BE SUBMITTED FOR REVIEW. ALL HOLES IN CONNECTORS SHALL BE FILLED WITH THE RECOMMENDED NUMBER OF FASTENERS. WHEN MULTIPLE CONNECTORS ARE USED, THEY MUST BE INSTALLED SO FASTENER LOCATIONS DO NOT OVERLAP. INSTALL ALL SPECIFIED FASTENERS BEFORE LOADING THE CONNECTION.

F. ALL NAILS ON PROJECT SHALL BE TYPE 304 OR 316 STAINLESS STEEL.

5.02 ALL BOLTS INCLUDING EMBEDDED ANCHOR BOLTS IN GROUT FILLED MASONRY SHALL BE TYPE 304 OR TYPE 316 STAINLESS STEEL HEADED BOLTS.

5.03 FRAMING NOTES:
A. TOP PLATES SHALL BE DOUBLE AND LAP SPLICED 4'-0" WITH 9-16 D NAILS.

B. ROOF DECKING SHALL BE 5/8" NOMINAL PLYWOOD. USE 10D TYPE 304 OR 316 STAINLESS STEEL COMMON NAILS, MINIMUM 2 1/2" IN LENGTH. USE NAIL SPACING OF 4" AT PANEL EDGES AND 6" IN THE FIELD OF THE PANELS.

C. ALL CONNECTIONS NOT SPECIFICALLY DETAILED SHALL BE IN ACCORDANCE WITH THE FASTENING SCHEDULE IN THE FLORIDA BUILDING CODE, TABLE 2304.10.1.

5.04 BOLT HOLES SHALL BE AT LEAST A MINIMUM OF 1/32" AND NO MORE THAN A MAXIMUM OF 1/16" LARGER THAN THE BOLT DIAMETER.

5.05 A FASTENER THAT SPLITS THE WOOD WILL NOT TAKE THE DESIGN LOAD. EVALUATE SPLITS TO DETERMINE IF THE CONNECTION WILL PERFORM AS REQUIRED. DRY WOOD MAY SPLIT MORE EASILY AND SHOULD BE EVALUATED AS REQUIRED. IF WOOD TENDS TO SPLIT, CONSIDER PRE-BORING HOLES WITH DIAMETERS NOT EXCEEDING 0.75 OF THE FASTENER DIAMETER.

5.06 WOOD SHRINKS AND EXPANDS AS IT LOSES AND GAINS MOISTURE, PARTICULARLY PERPENDICULAR TO GRAIN. TAKE WOOD SHRINKAGE AND EXPANSION INTO ACCOUNT WHEN INSTALLING CONNECTION. ALL FASTENERS HAVE BEEN DESIGNED USING DRY LUMBER DIMENSIONS.

5.07 SET ROUGH CARPENTRY TO REQUIRED LEVELS AND LINES, WITH MEMBERS PLUMB, TRUE TO LINE, CUT, AND FITTED. FIT ROUGH CARPENTRY TO OTHER CONSTRUCTION; SCRIBE AND COPE AS NEEDED FOR ACCURATE FIT. LOCATE NAILERS, BLOCKING, AND SIMILAR SUPPORTS TO COMPLY WITH REQUIREMENTS FOR ATTACHING OTHER CONSTRUCTION.

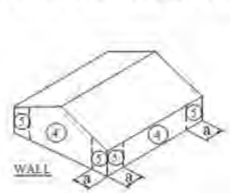
5.08 DO NOT SPLICE STRUCTURAL MEMBERS BETWEEN SUPPORTS, UNLESS OTHERWISE INDICATED.

5.09 SORT AND SELECT LUMBER SO THAT NATURAL CHARACTERISTICS WILL NOT INTERFERE WITH INSTALLATION OR WITH FASTENING OTHER MATERIALS TO LUMBER. DO NOT USE MATERIALS WITH DEFECTS THAT INTERFERE WITH FUNCTION OF MEMBER OR PIECES THAT ARE TOO SMALL TO USE WITH MINIMUM NUMBER OF JOINTS OR OPTIMUM JOINT ARRANGEMENT.

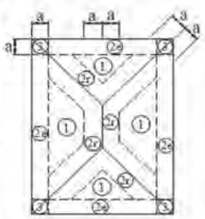
Florida Building Code 2020 / ASCE 7-16 Wind Load Design Data

Wind Design Data:

Ultimate Design Wind Speed	150 mph
Nominal Design Wind Speed	116.19 mph
Risk Category	II
Mean Roof Ht (h)	16.0 ft
Exposure Category	C
Enclosure Classif.	Enclosed Building
Internal pressure Coef.	+/-0.18
Directionality (Kd)	0.85



Walls h ≤ 60'
& alt design h<90'



Hip 7° ≤ θ ≤ 27°
Roof Zone Diagram

Wind Loads - Components & Cladding : h ≤ 60'

Kh (case 2) =	0.86	h =	16.0 ft
Base pressure (qh) =	**42.1 psf**	a =	4.5 ft
Minimum parapet ht =	0.0 ft	GCpi =	+/-0.18
Roof Angle (θ) =	22.6 deg	qi = qh =	42.1 psf
Type of roof = Hip			

Roof

Area	GCp +/- Gcpi				Surface Pressure (psf)			
	7 sf	10 sf	100 sf	200 sf	7 sf	10 sf	100 sf	200 sf
Negative Zone 1	-1.58	-1.58	-0.98	-0.98	-66.6	-66.6	-41.3	-41.3
Negative Zone 2e & 2r	-2.18	-2.18	-1.41	-1.18	-91.8	-91.8	-59.5	-49.7
Negative Zone 3	-2.18	-2.18	-1.41	-1.18	-91.8	-91.8	-59.5	-49.7
Positive All Zones	0.88	0.88	0.48	0.48	37.1	37.1	20.2	20.2
Overhang Zone 1	-1.9	-1.9	-1.8	-1.8	-80.0	-80.0	-75.8	-75.8
Overhang Zone 2e & 2r	-2.5	-2.5	-2.12	-2	-105.3	-105.3	-89.1	-84.3
Overhang Zone 3	-3.1	-3.1	-1.87	-1.5	-130.6	-130.6	-78.8	-63.2

Overhang pressures in the table above assume an internal pressure coefficient (Gcpi) of 0.0
Overhang soffit pressure equals adj wall pressure (which includes internal pressure of 7.6 psf)

Walls

Area	GCp +/- GCpi				Surface Pressure at h			
	10 sf	100 sf	200 sf	500 sf	10 sf	100 sf	200 sf	500 sf
Negative Zone 4	-1.28	-1.10	-1.05	-0.98	-53.9	-46.5	-44.2	-41.3
Negative Zone 5	-1.58	-1.23	-1.12	-0.98	-66.6	-51.7	-47.2	-41.3
Positive Zone 4 & 5	1.18	1.00	0.95	0.88	49.7	42.3	40.0	37.1

PERMIT SET
ISSUED: 2022-11-22
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SANTA ROSA COUNTY, FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

GENERAL NOTES AND WIND INFORMATION

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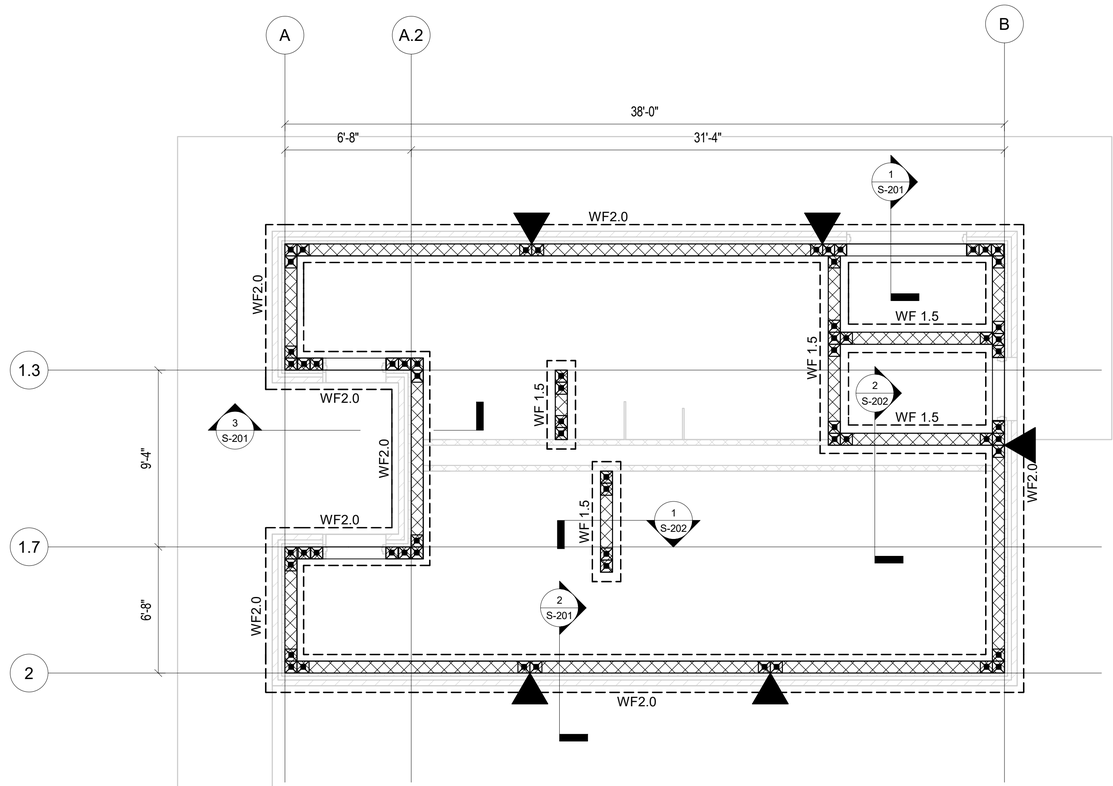
Designed by: JPB	Rev.
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Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (D SHEET)

LOUIS JOSEPH DEREUIL — CERTIFICATE — No. 54319 — STATE OF FLORIDA — REGISTERED ENGINEER
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S-002

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SANTA ROSA COUNTY FLORIDA
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PLAN NORTH

1 S-101 FOUNDATION PLAN
1/4" = 1'-0"

LEGEND

= 8" NOMINAL CMU WALL. UNLESS NOTED OTHERWISE (U.N.O.), WALL SHALL BE REINFORCED WITH #5 VERTICAL REINFORCING AT 48" ON CENTER IN CENTER OF GROUT FILLED CELLS. PROVIDE HORIZONTAL JOINT REINFORCING AND ADDITIONAL VERTICAL REINFORCING AS OUTLINED IN THE GENERAL NOTES, TYPICAL DETAILS AND SECTIONS IN THESE DRAWINGS.

= ADDITIONAL GROUT FILLED AND REINFORCED CELL IN ADDITION TO TYPICAL REINFORCING. PROVIDE BAR SIZE TO MATCH WALL REINF.

= VERTICAL MASONRY CONTROL JOINT LOCATION; SEE TYPICAL DETAILS ON SHEET S-302

FOUNDATION SCHEDULE

FOOTING TYPE	LENGTH	WIDTH	THICKNESS	TOP REINFORCING	BOTTOM REINFORCING
WF2.0	SEE PLAN	2' - 0"	12"	N/A	(3) #5 BARS CONT. W/ #5 TRANSVERSE @ 36" O.C.
WF 1.5	SEE PLAN	1' - 6"	12"	N/A	(2) #5 BARS CONT. W/ #5 TRANSVERSE @ 48" O.C.

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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

FOUNDATION PLAN

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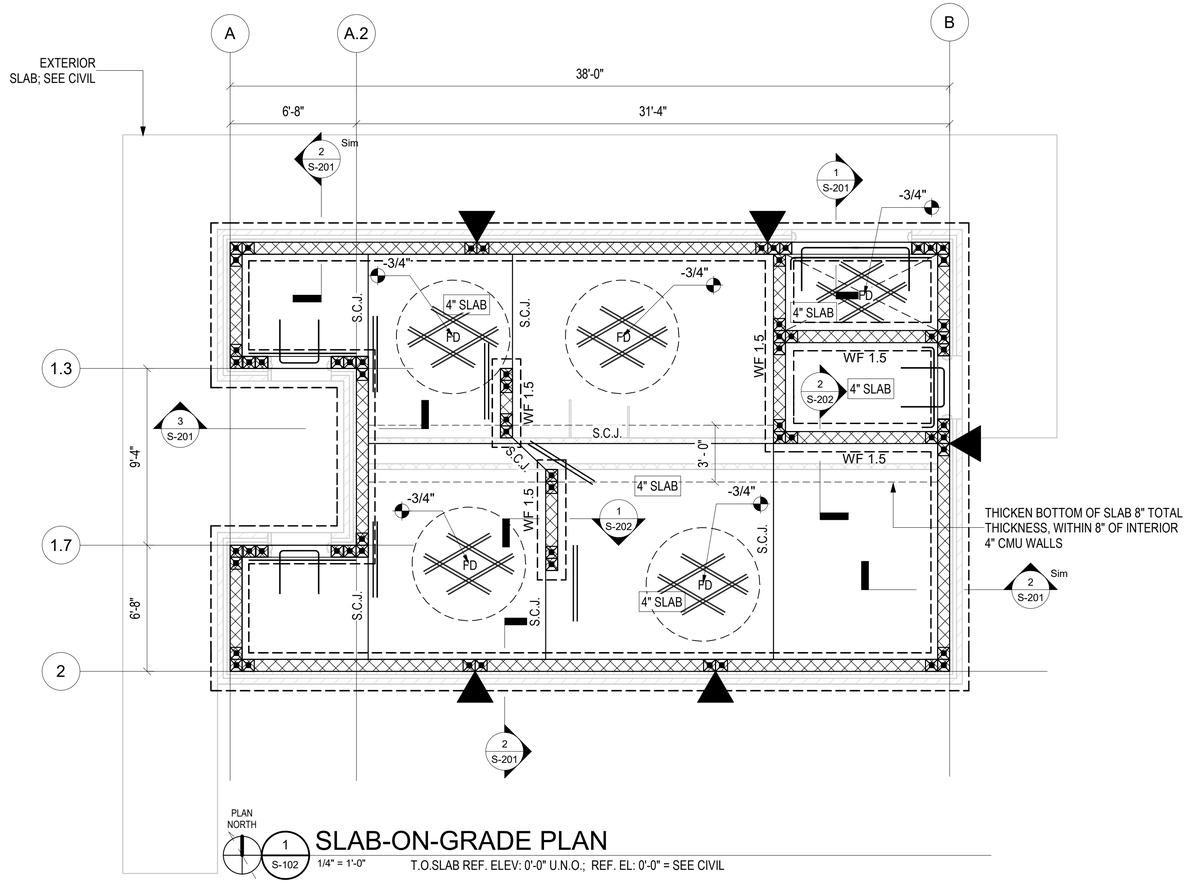
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Drawing code:	
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Plot scale:	1:1 (D SHEET)

Sheet Reference No.
S-101

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

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PLAN NORTH

1 S-102 SLAB-ON-GRADE PLAN

1/4" = 1'-0"

T.O.SLAB REF. ELEV: 0'-0" U.N.O.; REF. EL: 0'-0" = SEE CIVIL

LEGEND

	=	8" NOMINAL CMU WALL. UNLESS NOTED OTHERWISE (U.N.O.), WALL SHALL BE REINFORCED WITH #5 VERTICAL REINFORCING AT 48" ON CENTER IN CENTER OF GROUT FILLED CELLS. PROVIDE HORIZONTAL JOINT REINFORCING AND ADDITIONAL VERTICAL REINFORCING AS OUTLINED IN THE GENERAL NOTES, TYPICAL DETAILS AND SECTIONS IN THESE DRAWINGS.
	=	ADDITIONAL GROUT FILLED AND REINFORCED CELL IN ADDITION TO TYPICAL REINFORCING. PROVIDE BAR SIZE TO MATCH WALL REINF.
	=	VERTICAL MASONRY CONTROL JOINT LOCATION; SEE TYPICAL DETAILS ON SHEET S-302
S.C.J.	=	SAWN CONTRACTION JOINT OR CONSTRUCTION JOINT; CONTRACTOR'S OPTION U.N.O. PLACE S.C.J. AS SCHEMATICALLY SHOWN
4" SLAB	=	4" MINIMUM THICKNESS SLAB-ON-GRADE REINFORCED WITH WWF 6x6 W2.0xW2.0 WITH 2" CLR. POSITIVE SUPPORT FROM BOTTOM OF SLAB. SLAB SHALL BE PLACED OVER A VAPOR BARRIER AND CAPILLARY BREAK AS INDICATED IN THE GENERAL NOTES SECTION 2.08 ON SHEET S-001.
	=	ADDITIONAL SLAB REINFORCING AT OPENINGS; SEE DETAIL 1/S302
FD	=	FLR DRAIN, WITH 1/4"/12" SLOPE FROM DRAIN; COORDINATE RADIUS OF SLOPE WITH ARCH.
	=	(2) #4 x 4'-0" ADDITIONAL REINF. AROUND FLOOR DRAINS; PROVIDE AS SHOWN ON PLAN

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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

SLAB-ON-GRADE PLAN

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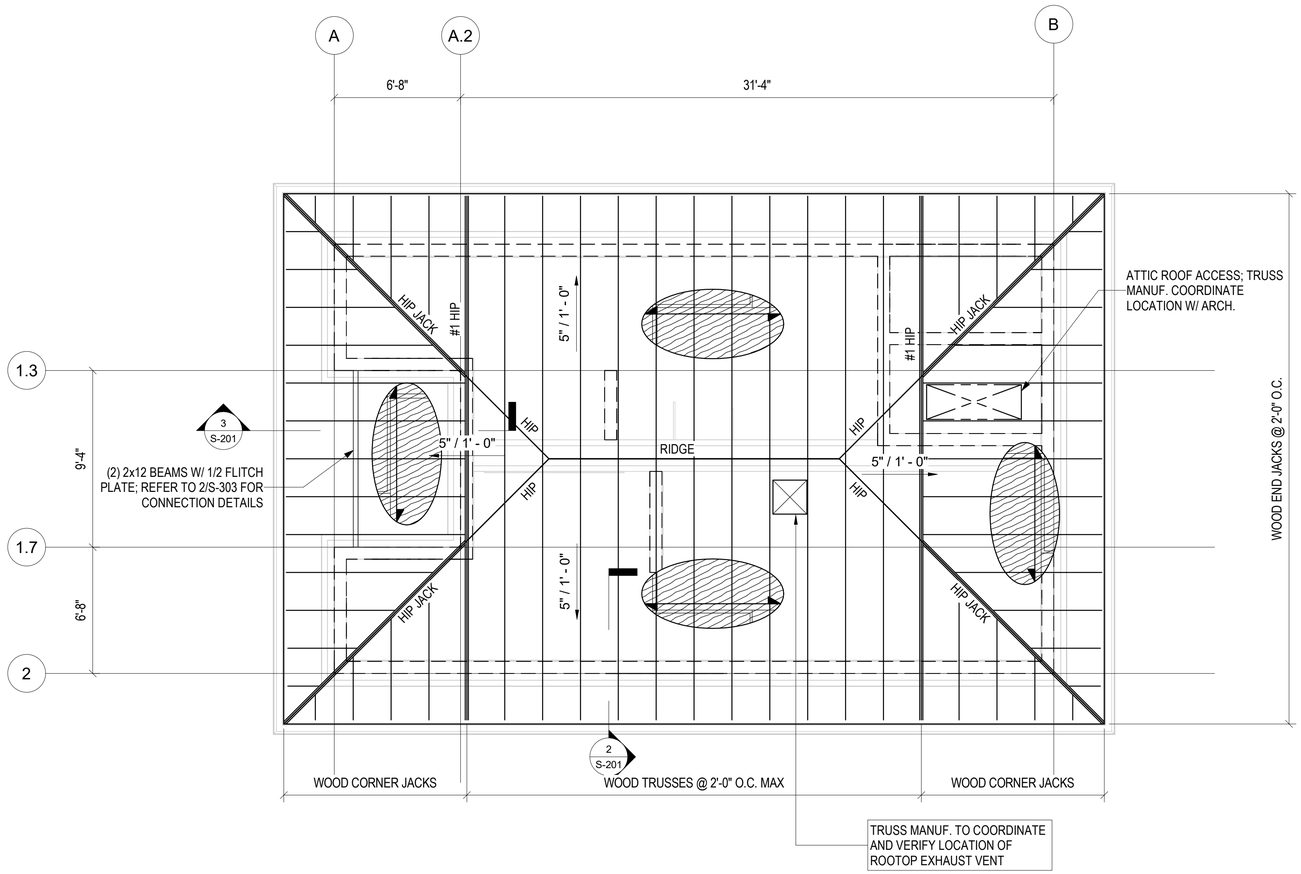
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S-102

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



PLAN NORTH

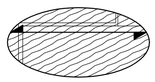
1 S-103

ROOF FRAMING PLAN

1/4" = 1'-0"

ROOF FRAMING PLAN NOTES & LEGEND

LEGEND



= 19/32" THICK APA SPAN RATED PLYWOOD ROOF SHEATHING, ANCHOR TO TRUSSES PER GENERAL NOTES

TIMBER ROOF TRUSS MFR. NOTES:

1. PROVIDE TRUSSES AT 2'-0" O.C. MAX SPACING. DESIGN TRUSSES TO RESIST ALL LOADS AS DEFINED IN THE GENERAL NOTES ON SHEET S-001
2. PROVIDE 2x4 BLOCKING AT ALL RIDGE AND HIP LOCATIONS.
3. DESIGN AND DETAIL ALL TEMPORARY AND PERMANENT TRUSS BRACING BLOCKING AND BRIDGING.
4. PROVIDE ALL TRUSS TO TRUSS CONNECTIONS AND THEIR REQUIRED CONNECTORS.
5. PROVIDE 2X4 MINIMUM TRUSS TOP CHORD
6. TRUSS DESIGN AND SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY A REGISTERED STRUCTURAL ENGINEER IN THE STATE OF FLORIDA
7. INTERIOR WALLS ARE NON-LOAD BEARING

TRUSS TO WALL ATTACHMENT SCHEDULE

TRUSS MARK	SIMPSON CONNECTOR**
TYPICAL TRUSS	(1) H1 & (1) H2.5A
END JACK TO WALL & (2) 2X12 BEAMS	(1) H1 & (1) H2.5A
HIP JACK	(1) HCP & (1) H2.5A
#1 HIP TO NORTH/SOUTH CMU WALL	(2) H10A OR (2) H10A-2***

** ALL TIMBER CONNECTORS INDICATED ARE SIMPSON FASTENERS. EQUIVALENT FASTENERS BY OTHER MANUFACTURERS MAY BE SUBMITTED FOR REVIEW. ALL HOLES IN CONNECTORS SHALL BE FILLED WITH THE RECOMMENDED SIZE AND NUMBER OF FASTENERS. WHEN MULTIPLE CONNECTORS ARE USED, THEY MUST BE INSTALLED SO FASTENER LOCATIONS TO DO NOT OVERLAP. INSTALL ALL SPECIFIED FASTENERS BEFORE LOADING THE CONNECTION.

-H1/HCP CONNECTORS ARE TO BE INSTALLED ON OUTSIDE FACE OF WALL & (2) 2X12 BEAMS
-H2.5A CONNECTORS ARE TO BE INSTALLED ON INSIDE FACE OF WALL & (2) 2X12 BEAMS

*** FOR #1 HIP CONNECTORS, PROVIDE (1) TO EACH FACE OF WALL - (2) TOTAL; PROVIDE H10A OR H10A-2 DEPENDING ON QUANTITY OF TRUSSES FOR #1 HIP - TRUSS MANUF. TO DETERMINE QUANTITY.

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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

ROOF FRAMING PLAN

Designed by: JFB	Dwn by: JFB	Rvd by: BJB	Reviewed by: LJD
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (D SHEET)	Drawing code:	M&N Project No. 202000
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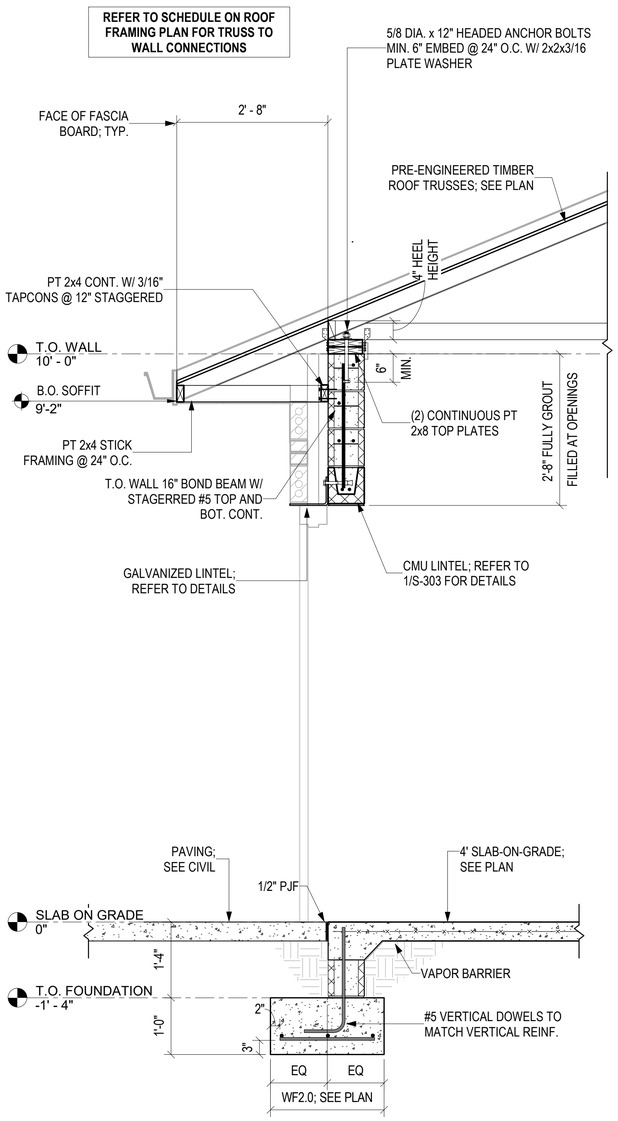
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Pensacola, FL 32501 JDA JOB #: 21185

SANTA ROSA COUNTY FLORIDA
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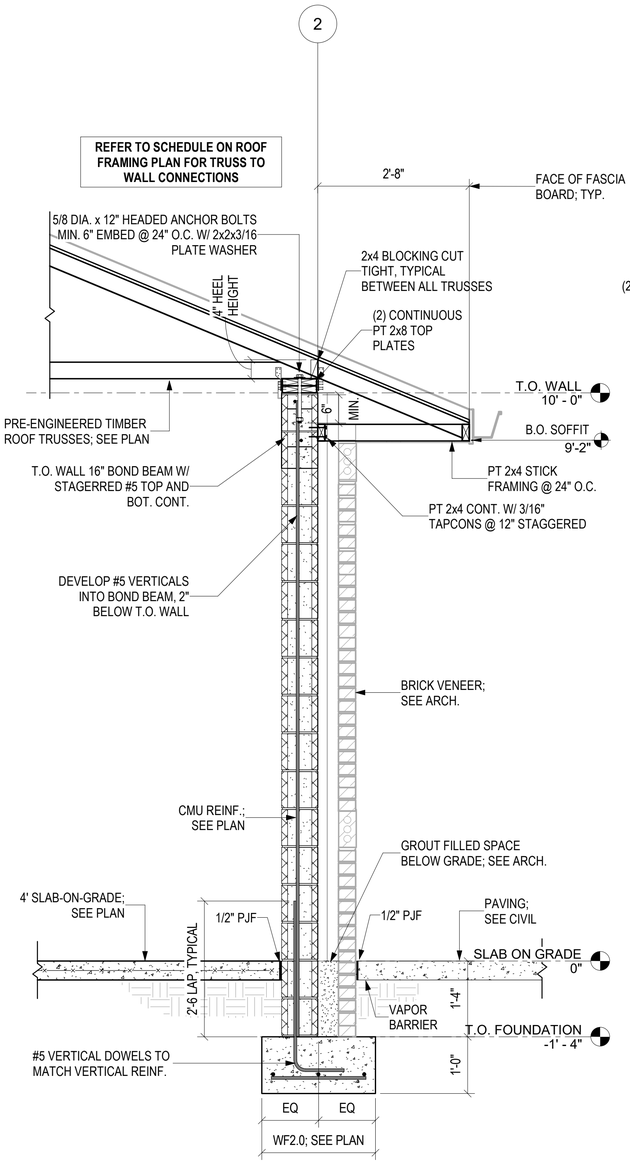
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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

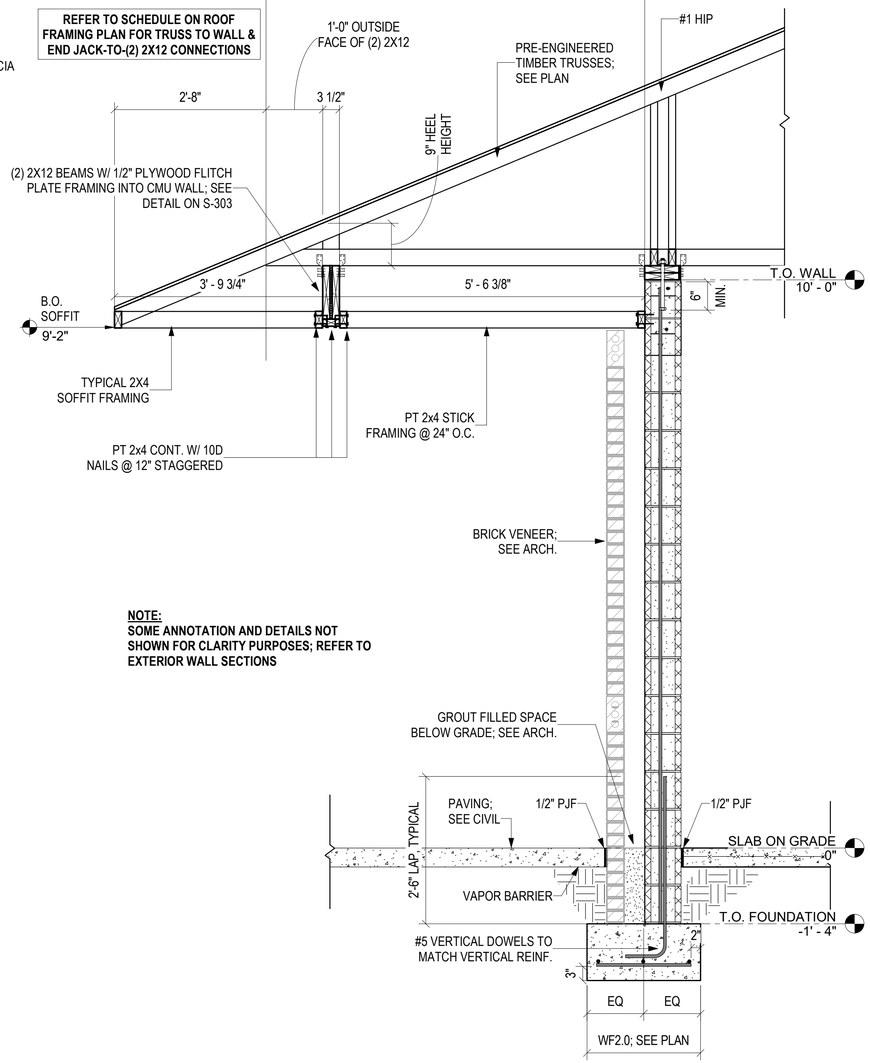
FULL HEIGHT EXTERIOR WALL SECTIONS



1 / S-201 TYPICAL EXTERIOR WALL SECTION W/ OPENING
3/4" = 1'-0"



2 / S-201 TYPICAL EXTERIOR WALL SECTION
3/4" = 1'-0"



NOTE:
SOME ANNOTATION AND DETAILS NOT SHOWN FOR CLARITY PURPOSES; REFER TO EXTERIOR WALL SECTIONS

3 / S-201 EXTERIOR WALL SECTION W/ (2) 2X12 BEAMS
3/4" = 1'-0"

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Rev.	Date: 2022-11-22	Designed by: JJB	Drawn by: JJB	Checked by: BJB	Reviewed by: LJD	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (0 SHEET)
	M&N Project No. 202000	Drawing code:					

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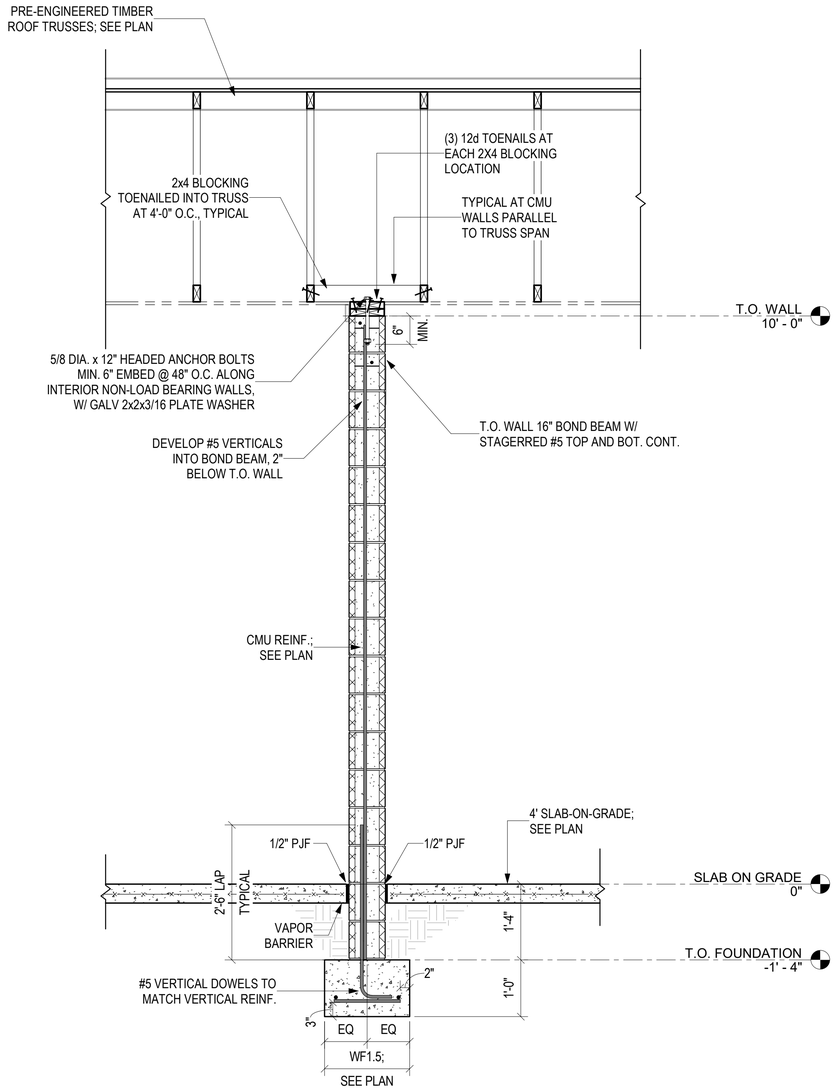
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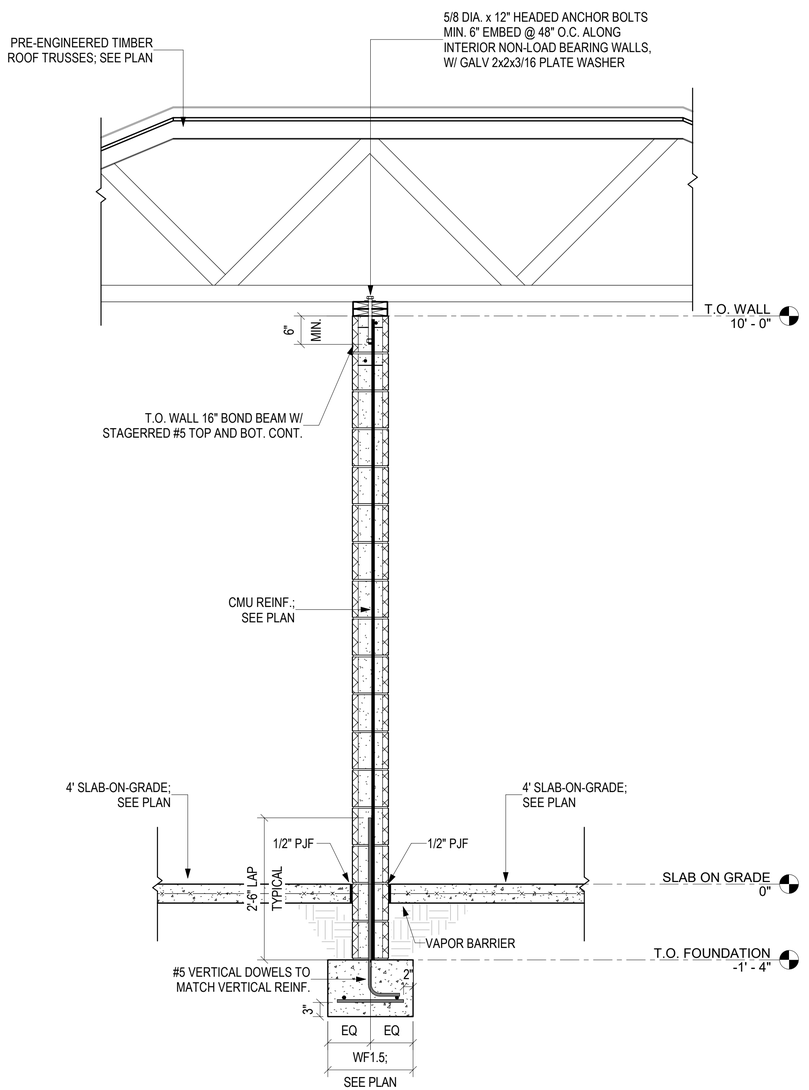
SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

FULL HEIGHT INTERIOR WALL SECTIONS



1 S-202 3/4" = 1'-0"

TYPICAL INTERIOR NON-LOAD BEARING WALL SECTION PARALLEL TO TRUSS



2 S-202 3/4" = 1'-0"

TYPICAL INTERIOR NON-LOAD BEARING WALL SECTION PERPENDICULAR TO TRUSS

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Reviewed by:	LJD
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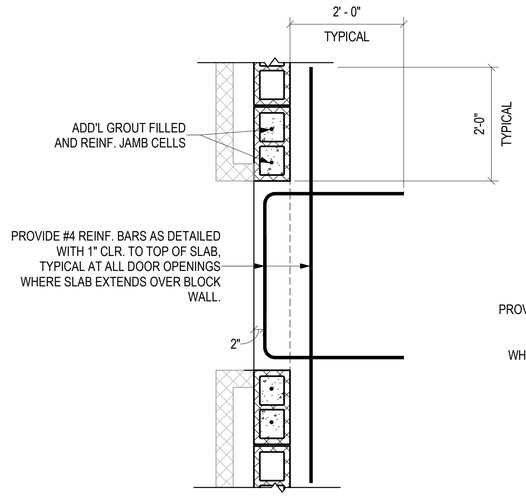
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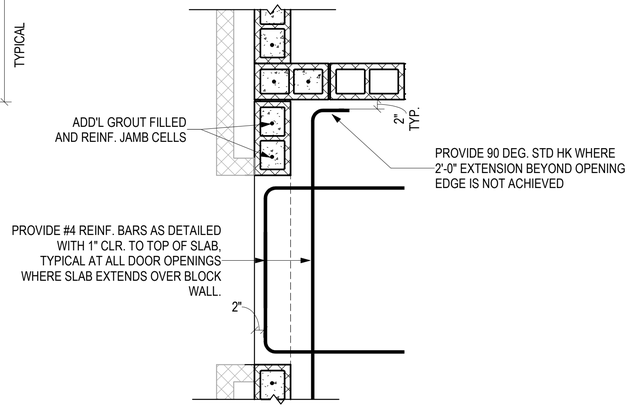
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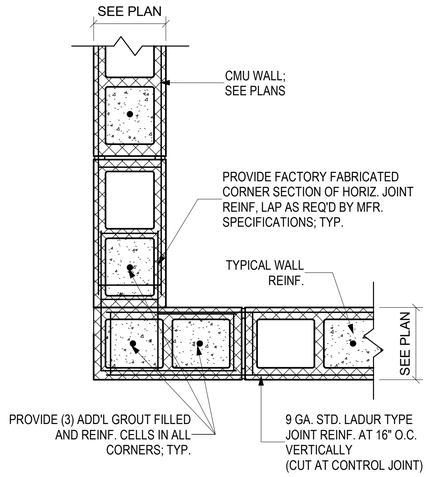
PLAN VIEW OF TYPICAL RE-ENTRANT REINF. AT DOORS



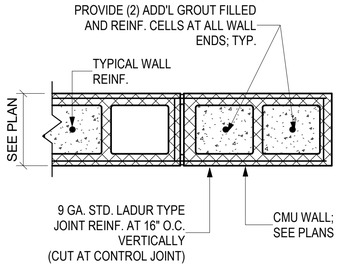
PLAN VIEW OF TYPICAL RE-ENTRANT REINF. AT DOORS
W/ INTERSECTING WALLS

1 S-302 ADDITIONAL SLAB REINFORCING AT OPENINGS

3/4" = 1'-0"



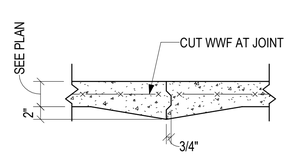
TYPICAL CMU WALL CORNER DETAIL, U.N.O.



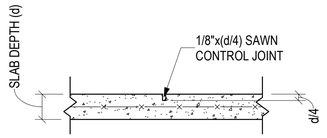
TYPICAL CMU WALL END DETAIL, U.N.O.

4 S-302 TYPICAL CMU WALL REINFORCING DETAILS

1 1/2" = 1'-0"



CONSTRUCTION JOINT

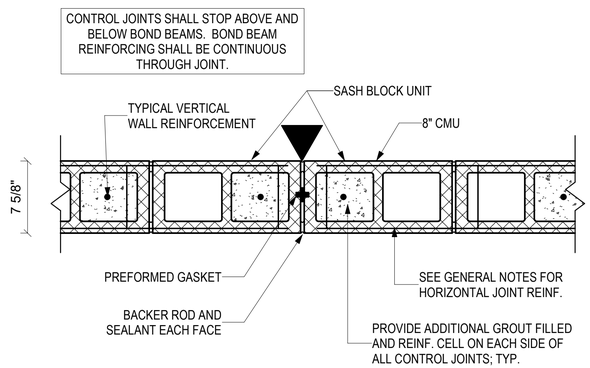


SAWN CONTRACTION JOINT "S.C.J."

SUBSTITUTION OF CONSTRUCTION JOINT FOR SAWN CONTRACTION JOINT
IS AT CONTRACTOR'S OPTION

2 S-302 SLAB-ON-GRADE TYPICAL DETAILS

1" = 1'-0"



5 S-302 VERTICAL MASONRY CONTROL JOINT DETAIL

1 1/2" = 1'-0"

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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

TYPICAL DETAILS

Designed by: JPB	Dwn by: JPB	Reviewed by: LJD	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2022-11-22	Cad by: BJB	M&N Project No. 202000	Drawing code:
Rev:			Drawing Scale: Plot scale: 1:1 (D SHEET)

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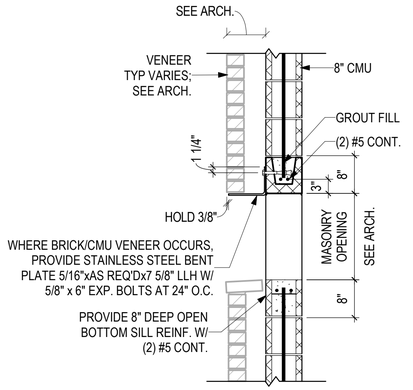
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Sheet
Reference No.
S-302

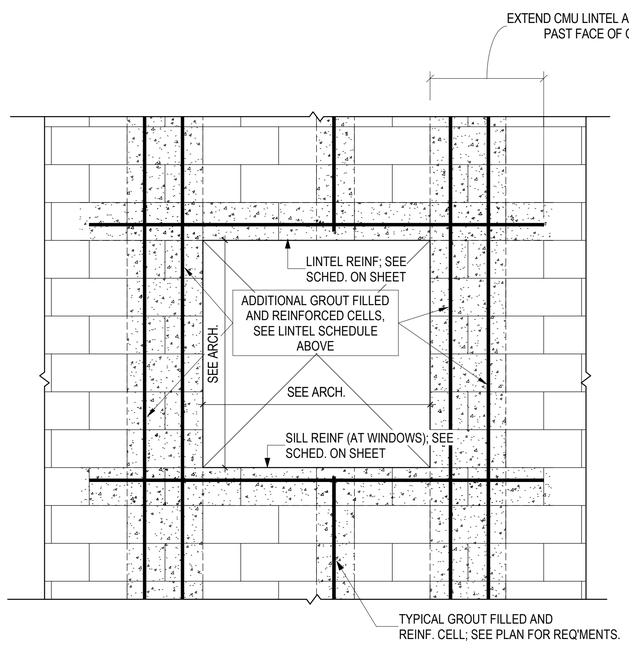
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CMU LINTEL REINFORCING SHALL EXTEND 24" PAST FACE OF OPENING AND SHALL BEAR, EACH SIDE, ON **(2) REINFORCED GROUT FILLED CELLS.**
BEAR STEEL LINTEL 4" ON EACH SIDE OF OPENING



FOR OPENINGS UP TO 6'-4"

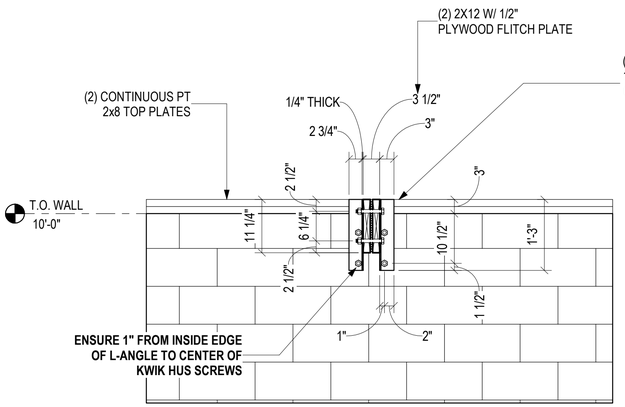


ELEVATION AT OPENINGS WITH 2'-0" MIN. WALL EXTENSION PAST FACE OF OPENING

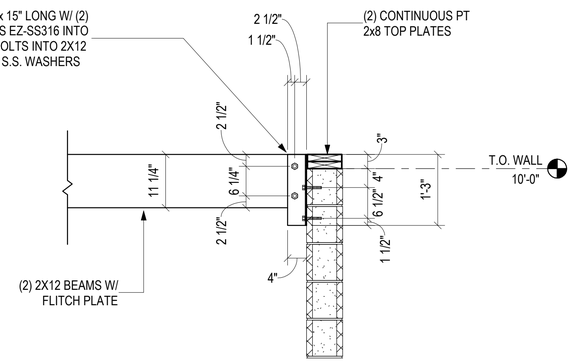
DETAIL NOTE:
WHERE MASONRY CONTROL JOINTS ARE LOCATED WITHIN 2'-0" OF FACE OF OPENING, EXTEND REINFORCING THROUGH CONTROL JOINT TO PROVIDE 2'-0" MIN. REQ'D EXTENSION OR PROVIDE 90 DEGREE HOOKS AS SHOWN ABOVE (MASONRY CONTRACTOR'S OPTION)

CMU LINTEL (WITH VENEER) AND VENEER LINTEL DETAILS

1 / S-303 — 3/4" = 1'-0"



FRONT VIEW



SIDE VIEW

TYPICAL (2) 2x12-TO-CMU WALL CONNECTION DETAILS

2 / S-303 — 3/4" = 1'-0"

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

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TYPICAL DETAILS

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SANTA ROSA COUNTY

Designed by:	Drawn by:	Reviewed by:	Submitted by:	Date:	MBA Project No.	Drawing code:	Drawing Scale:	Rev.
JFB	JFB	LJD	SUBMITTER'S NAME MOFFATT & NICHOL	2022-11-22	202000		Plot scale: 1:1 (D SHEET)	

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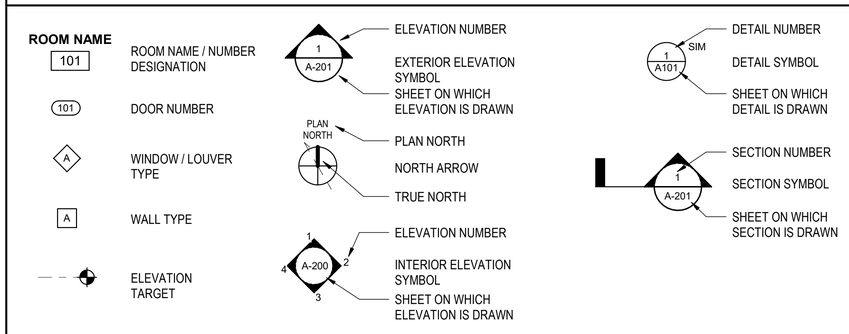
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ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE
ADJ	ADJACENT, ADJOINING, ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
ARCH	ARCHITECT(URAL)
BD	BOARD
BLDG	BUILDING
BOT	BOTTOM
BRG	BEARING
BRG PL	BEARING PLATE
BUR	BUILT-UP ROOFING
CF/CI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CF/GI	CONTRACTOR FURNISHED/ GOVERNMENT INSTALLED
CID	COMPREHENSIVE INTERIOR DESIGN PACKAGE
CIP	CAST-IN-PLACE, CAST IRON PIPE
CJ	CONSTRUCTION JOINT/CONTROL JOINT
CL	CENTER LINE, CLASS, CLOSE
CLG	CEILING
CLR	CLEAR, COLOR, COOLER
CMU	CONCRETE MASONRY UNIT
CPT	CARPET
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUE, CONTINUOUS
CONTR	CONTRACT, CONTRACTOR
COR	CONTRACTING OFFICER'S REPRESENTATIVE
CORR	CORRIDOR
COTR	CONTRACTING OFFICER TECHNICAL REPRESENTATIVE
CU FT	CUBIC FEET
CU YD	CUBIC YARD
D	DRYER
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DS	DOWNSPOUT
DW	DISHWASHER
DWG	DRAWING
EL	ELEVATION
ELEC	ELECTRIC(AL)
ELEV	ELEVATOR
EQ	EQUAL
EQUIP	EQUIPMENT
EWS	EYE WASH STATION
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXT	EXTERIOR
FA	FIRE ALARM
FD	FLOOR DRAIN
FDTN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF EL	FINISH FLOOR ELEVATION
FIN GR	FINISH GRADE
FLR	FLOOR
FP	FIREPROOF
FT	FEET, FOOT
FTG	FOOTING
GA	GAGE
GALV	GALVANIZED IRON
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GF/GI	GOVERNMENT FURNISHED/ GOVERNMENT INSTALLED
GF/CI	GOVERNMENT FURNISHED/ CONTRACTOR INSTALLED
GL	GLASS
GLZ	GLAZING
GMS	GALVANIZED METAL STUD
GYP BD	GYPSUM BOARD
HB	HOSE BIBB
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HT	HEIGHT
HVAC	HEATING/VENTILATING/AIR COND
IBC	INTERNATIONAL BUILDING CODE
INCL	INCLUDED
INSUL	INSULATION
INT	INTERIOR
LAM	LAMINATE
LAV	LAVATORY
LH	LEFT HAND
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MS	MOP SINK
MT	MOUNT
MTD	MOUNTED
MTG	MEETING
MTL	METAL
MW	MICROWAVE
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OF/OI	OWNER FURNISH/ OWNER INSTALLED
OF/CI	OWNER FURNISH/ CONTRACTOR INSTALLED
OH	OVERHANG, OVERHEAD
OH DR	OVERHEAD (COILING) DOOR
OPNG	OPENING
OPP	OPPOSITE
PCF	POUNDS PER CUBIC FOOT
PL	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
PVC	POLYVINYL CHLORIDE
R	RADIUS, RANGE, RISER
RCP	REFLECTED CEILING PLAN
RD	REINFORCING STEEL BARS REBAR
REF	REFERENCE, REFRIGERATOR
REG	REGISTER
REINF	REINFORCE
RET	RETURN
REV	REVISION
RH	RIGHT HAND
RM	ROOM
ROW	RIGHT OF WAY
SC	SOLID CORE
SCHED	SCHEDULE
SD	STORM DRAIN
SECT	SECTION
SF	SQUARE FOOT(FEET)
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATION
SPKR	SPEAKER
SQ	SQUARE
SS	SERVICE SINK
SST	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPEND
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TE	TOP ELEVATION
TEL	TELEPHONE
TOC	TOP OF CONCRETE
TOS	TOP OF SLAB, TOP OF STEEL
TV	TELEVISION
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VCT	VINYL COMPOSITION TILE
VTR	VENT THROUGH ROOF
W	WASHER, WEST, WIDE
W/	WITH
W/O	WITHOUT
WB	WOOD BASE
WC	WATER CLOSET
WD	WOOD
WH	WATER HEATER
WP	WATERPROOFING
WSCT	WAINSCOT

SYMBOLS LEGEND



FLORIDA PRODUCT APPROVAL

COMPONENT	MANUFACTURER / AND PART #	FLORIDA PRODUCT APPROVAL #
EXTERIOR HOLLOW METAL DOOR & FRAME	STEELCRAFT H SERIES DOOR W/ F SERIES FRAME	FL # 20736.1
STANDING SEAM ALUMINUM ROOFING	PAC-CLAD TITE LOC PLUS	FL # 24423.11
COMPOSITE SOFFIT PANEL	JAMES HARDIE SOFFIT PANELS	FL # 13265

NOTE: THE MANUFACTURER AND PARTS LISTED IN THIS TABLE IS NOT INTENDED TO LIMIT ACCEPTABLE MANUFACTURERS OR SYSTEMS. INSTEAD, THIS TABLE IS INTENDED TO ESTABLISH A BASIS OF DESIGN. IN ORDER TO BE CONSIDERED AS AN ACCEPTABLE EQUIVALENT, THE SYSTEM/COMPONENT MUST HAVE FLORIDA PRODUCT APPROVAL AND BE DESIGNED TO RESIST PRESSURES INDICATED ON STRUCTURAL DRAWINGS.

CODE AND LIFE SAFETY DATA

APPLICABLE CODES:

2020 FLORIDA BUILDING CODE, 7TH ED.
2020 FLORIDA FIRE PREVENTION CODE, 7TH ED.
2017 NATIONAL ELECTRIC CODE (NFPA 70)

2020 FLORIDA BUILDING CODE - MECHANICAL
2020 FLORIDA BUILDING CODE - PLUMBING

CHAPTER 3 - OCCUPANCY CLASSIFICATION		ZONING	FLOOD ZONE
SECTION	USE GROUP	PBD	X
303.6	A-5 (ASSEMBLY GROUP)		

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

FBC TABLE 506.2 - ALLOWABLE AREA

GROUP	CONSTRUCTION TYPE	ALLOWABLE AREA	ACTUAL BUILDING AREA
A-5	TYPE VB	UL SF	**890 SF** THEREFORE NO AREA INCREASE IS REQ'D

FBC TABLES 504.3a AND 504.4 - ALLOWABLE HEIGHT

GROUP	CONSTRUCTION TYPE	ALLOWED STORIES	ALLOWED FT.	ACTUAL STORIES	ACTUAL FT.
A-5	TYPE VB	UL	40 FT.	**1 STORY**	**16'-0"**

CHAPTER 6 - TYPES OF CONSTRUCTION	
BUILDING ELEMENT	TYPE VB
PRIMARY STRUCTURAL FRAME	0
BEARING WALLS: EXTERIOR INTERIOR	0
NON-BEARING WALLS AND PARTITIONS	0
FLOOR CONSTRUCTION	0
ROOF CONSTRUCTION AND SECONDARY MEMBERS	0

CHAPTER 7 - FIRE AND SMOKE PROTECTION	
BUILDING ELEMENT	TYPE VB
NO FIRE SEPARATIONS ARE REQUIRED	

CHAPTER 8 - INTERIOR FINISHES

GROUP	NONSPRINKLERED (CLASS OF MATERIAL)			
	EXIT ENCLOSURES & EXIT PASSAGEWAYS	CORRIDORS	ROOMS & ENCLOSED SPACES
A-5	A	A	C

CHAPTER 9 - FIRE PROTECTION SYSTEMS

AN AUTOMATIC SPRINKLER SYSTEM WILL NOT BE PROVIDED.

CHAPTER 10 - MEANS OF EGRESS

FBC TABLE 1006.2.1	MAX. COMMON PATH OF EGRESS DISTANCE - A-5 ASSEMBLY: **75'-0"**
FBC TABLE 1017.2	MAX. EXIT ACCESS TRAVEL DISTANCE - A-5 ASSEMBLY: **200'-0"**
FBC TABLE 1020.1	CORRIDOR FIRE RESISTANCE RATING - A-5 ASSEMBLY: **1, WITHOUT SPRINKLER SYSTEM** (NO CORRIDORS PRESENT IN PROJECT)
1006.2.1.1	MINIMUM NUMBER OF EXITS PER STORY = 1 NUMBER PROVIDED: **2**
1010.1.1	MINIMUM CLEAR WIDTH FOR DOOR OPENINGS: **32"**
1020.4	MAX. DEAD END CORRIDOR LENGTH: **20'-0"**
1005	CAPACITY FACTOR OF EGRESS COMPONENTS

OTHER EGRESS COMPONENTS	0.20	WIDTH REQUIRED	**1.2"**	WIDTH PROVIDED	**72"**

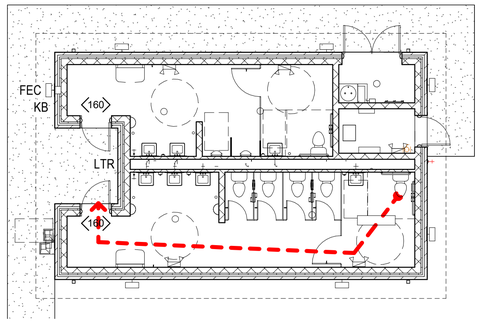
FBC TABLE 1004.5 OCCUPANT LOADING

	FUNCTION OF SPACE	ROOM NUMBERS	LOAD FACTOR	AREA	OCCUPANTS
A-5	STORAGE	103	300 SF GROSS	32 SF	1
	ELECTRICAL	104	300 SF GROSS	38 SF	1
	BUILDING TOTAL				**2**

CHAPTER 29, TABLE 2902.1 - REQUIRED PLUMBING FIXTURES

NOTE: FIXTURE COUNT IS BASED ON AN ASSUMED CAPACITY OF 400 PEOPLE TOTAL FOR THE BUILDING AND SURROUNDING ATHLETIC FIELDS. PARENTHESES DENOTE PROVIDED FIXTURES.

USE GROUP	OCC.	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAIN	SERVICE SINK
ASSEMBLY (A-5)	**400**	MALE	FEMALE	MALE	FEMALE		
		200/75=3 (3)	200/40=5 (5)	200/200=1 (3)	200/150=2 (4)	400/1000=1 (2)	1 (1)



PLAN NORTH
1
A-001
LIFE SAFETY PLAN
1/8" = 1'-0"

EXIT DISTANCE	
EXIT PATH #	TOTAL TRAVEL DISTANCE
A	38' - 9"

LIFE SAFETY LEGEND

A 27' -6"	EXIT PATH LETTER WITH SEGMENT TRAVEL DISTANCE AND DIRECTION OF TRAVEL. SEE EXIT DISTANCE CHART FOR TOTAL EXIT DISTANCES.
	EXIT SIGN (SHADED REGION INDICATES LIGHTED SIDE)
170	EXIT CAPACITY (OCCUPANTS)
FEC	SURFACE MOUNTED FIRE EXTINGUISHER CABINET, DEPTH TO MATCH BRICK VENEER MOUNT BOTTOM OF CABINET AT 24" AFF
KB	KNOX BOX (3200 SERIES OR OTHER ACCEPTABLE TO AHJ) SEMI-RECESSED, PREFINISHED TO MATCH WALL COLOR
LTR	LIGHTWEIGHT TRUSS SIGN, ROOF ONLY, COMPLYING W/ FLORIDA ADMINISTRATIVE CODE 69A-60.0081. MOUNT 48" AFF TO BOTTOM OF SIGN

0 4' 8' 16'
SCALE: 1/8" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

LIFE SAFETY PLAN

BTA architecture with purpose
909 East Cervantes
Pensacola, FL 32501
AA0001774
www.bullockbtaa.com
Fax: 850.432.5208
Phone: 850.434.5444

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

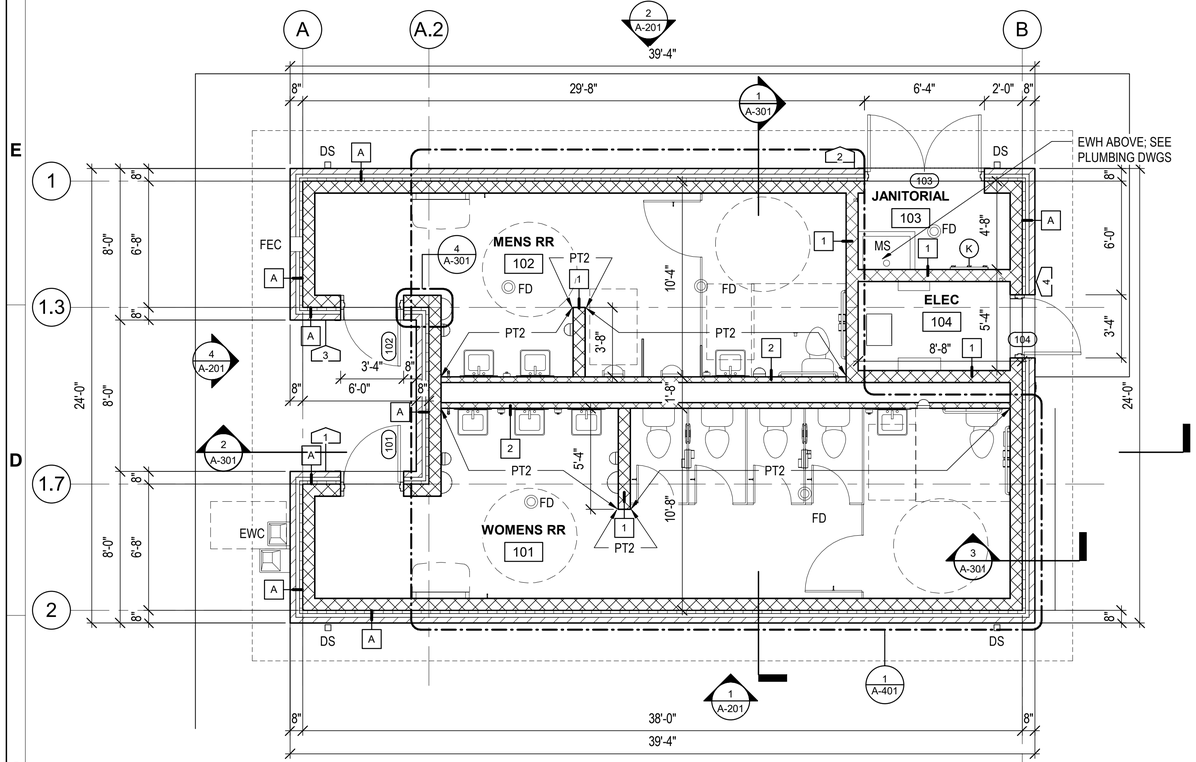
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Drawn by:	Author
Chkd by:	Checker
Reviewed by:	Checker
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	2022-11-22
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev:	

SEAL

Sheet Reference No.
A-001

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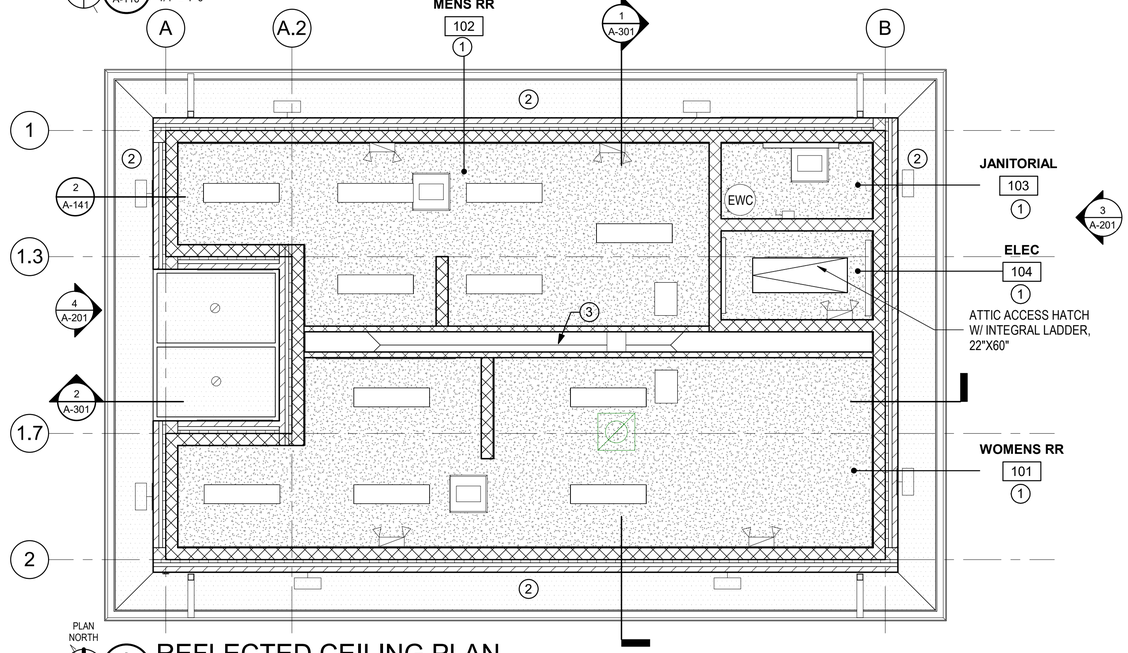
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



PLAN NORTH 1 A-110

GROUND FLOOR PLAN

1/4" = 1'-0"

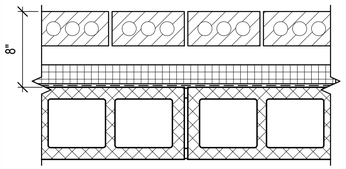


PLAN NORTH 2 A-110

REFLECTED CEILING PLAN

1/4" = 1'-0"

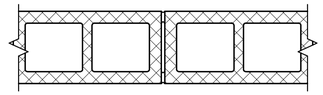
EXTERIOR WALL TYPES



WALL TYPE "A" SERIES

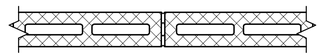
- 4" NOMINAL BRICK VENEER
- 2 3/8" AIR CAVITY
- 2" (R-10) RIGID CONTINUOUS INSULATION BOARD
- FLUID APPLIED AIR/MOISTURE BARRIER
- 8" NOMINAL CMU, PAINTED AT INTERIOR
- EXTEND TO T.O. WALL

INTERIOR PARTITION TYPES



WALL TYPE "1" SERIES

- 8" NOMINAL CMU, PAINTED
- EXTEND PARTITION TO T.O. WALL



WALL TYPE "2" SERIES

- 4" NOMINAL CMU, PAINTED
- EXTEND PARTITION TO T.O. WALL

REFLECTED CEILING NOTES

1. ALL INTERIOR CEILING HEIGHTS ARE 10'-3" UNLESS NOTED OTHERWISE.
2. PROVIDE MOISTURE RESISTANT GYPSUM WALL BOARD AT ALL INTERIOR CEILINGS.
3. PROVIDE ACCESS PANELS IN GYPSUM BOARD CEILING AT LOCATIONS REQUIRING MAINTENANCE ACCESS TO PLUMBING, MECHANICAL, AND ELECTRICAL COMPONENTS.

FLOOR PLAN NOTES

1. SEE WALL CONSTRUCTION LEGEND FOR WALL TYPE DESCRIPTIONS.
2. REFER TO WALL SECTIONS AND PLAN DETAILS FOR SPECIFIC WALL DIMENSIONS TO COLUMN LINE.
3. PLAN DRAWINGS ARE GENERATED BY A CUT THROUGH THE WALL AT A HEIGHT OF APPROXIMATELY 48". COMPONENTS IN OR ON THE WALL ABOVE OR BELOW THIS PLANE MAY NOT BE IDENTIFIED IN THIS PLAN VIEW. SEE ELEVATION VIEWS FOR IDENTIFICATION OF ALL WALL COMPONENTS AND OPENINGS.
4. ALL DIMENSIONS ARE FROM FACE OF CMU, FACE OF STUD, OR WHERE APPLICABLE, COLUMN GRIDLINE.
5. PROVIDE BULLNOSE CMU UNITS AT ALL OUTSIDE CORNERS AND DOOR JAMBS. SEE DETAILS.
6. TOILET ACCESSORIES, WITH THE EXCEPTION OF GRAB BARS, WILL BE OWNER-FURNISHED, CONTRACTOR-INSTALLED.

GRAPHIC LEGEND

ROOM NAME

101A	ROOM NAME / NUMBER DESIGNATION
	WALL CONSTRUCTION, SEE WALL CONSTRUCTION LEGEND
(101)	DOOR NUMBER
1A	WALL TYPE
FEC	FIRE EXTINGUISHER CABINET (SURFACE MOUNTED) AND FIRE EXTINGUISHER. MOUNT BOTTOM OF CABINET 24" AFF.
EWC	ELECTRIC WATER COOLER, SEE PLUMBING DRAWINGS
MS	MOP SINK; SEE PLUMBING
FD	FLOOR DRAIN; SEE PLUMBING
DS □	PREFINISHED ALUMINUM DOWNSPOUT (3"X4")
0'-0"	FINISH FLOOR ELEVATION
6	SIGNAGE; SEE SCHEDULE

RCP GRAPHIC LEGEND

1	GYPSUM BOARD CEILING (PAINTED), ATTACHED TO UNDERSIDE OF TRUSSES
2	HARDIE PANEL SOFFIT
3	OPEN TO STRUCTURE ABOVE
	1 X 3 PAINTED COMPOSITE BATTEN TRIM AT HARDIE PANEL SEAMS
	1 X 4 LIGHTING FIXTURE, SEE ELECTRICAL DRAWINGS
	EXTERIOR LIGHTING FIXTURE (WALL MOUNTED), SEE ELECTRICAL DRAWINGS
	CEILING DIFFUSER, SEE MECHANICAL DRAWINGS
	RETURN AIR GRILLE, SEE MECHANICAL DRAWINGS
	CEILING EXHAUST, SEE MECHANICAL DRAWINGS
	EMERGENCY WALL PACK, SEE ELECTRICAL
	CEILING MOUNTED ACCESS HATCH W/ LADDER, COORDINATE LOCATION W/ MECHANICAL AND STRUCTURAL DRAWINGS
9'-0"	CEILING HEIGHT
101	ROOM NUMBER DESIGNATION

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY, FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

BUILDING AND CEILING PLANS

809 East Cervantes
Pensacola, FL 32501
AA-0001074
www.bullockbta.com
Fax: 850.432.5208
Phone: 850.434.5444

BTA architecture with purpose

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by: Designer	Date: 2022-11-22
Drawn by: Author	Job by: Checker
Reviewed by: Checker	Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (D SHEET)
	MBA Project No. 202000
	Rev.

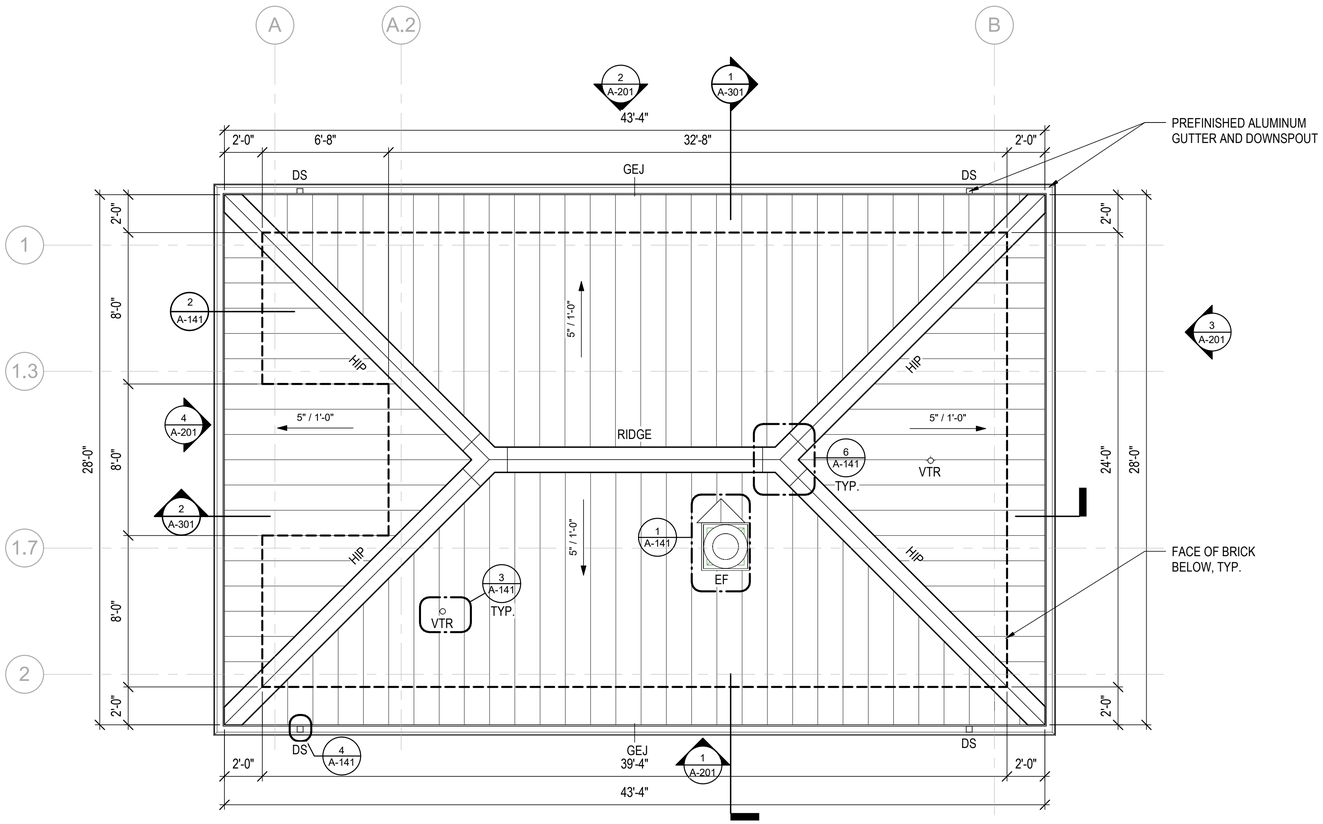
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



PLAN NORTH

1 A-140

ROOF PLAN

1/4" = 1'-0"

ROOF NOTES

1. SLOPE ALL GUTTERS TO DOWNSPOUTS.
2. DOWNSPOUTS TO TERMINATE ABOVE SIDEWALK. PROVIDE SPLASHBLOCKS AT GRASSED AREAS.

GRAPHIC LEGEND

	PREFINISHED STANDING SEAM ALUMINUM ROOF SYSTEM
5" / 1'-0"	DIRECTION AND DEGREE OF ROOF SLOPE
VTR ◦	VENT THROUGH ROOF
EF ○	EXHAUST FAN PENETRATION; SEE MECHANICAL
DS □	PREFINISHED ALUMINUM DOWNSPOUT (3"X4")
GEJ	GUTTER EXPANSION JOINT

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

ROOF PLAN

909 East Cervantes
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Phone: 850.434.5444

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COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Designed by: Designer	Date: 2022-11-22
Dwn by: Author	Dsd by: Checker
Reviewed by: Checker	Submitted by: SUBMITTERS NAME MOFFATT & NICHOL
M&N Project No. 202000	
Drawing code:	
Drawing Scale:	
Plot scale: 1:1 (D SHEET)	

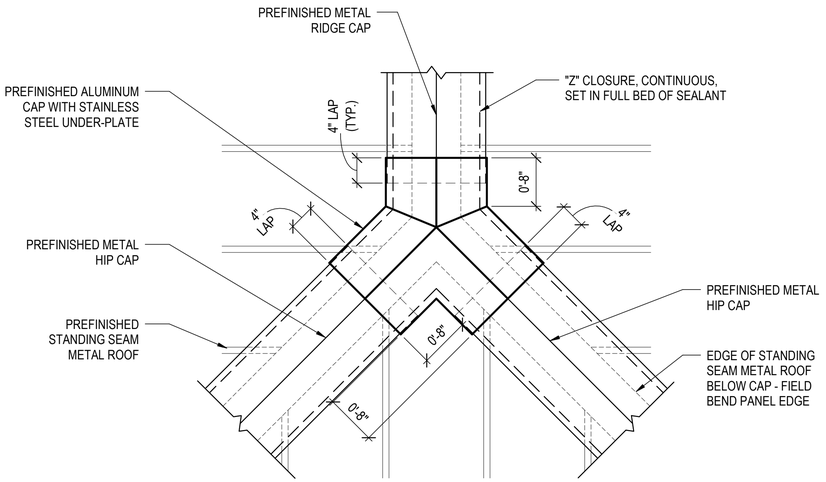
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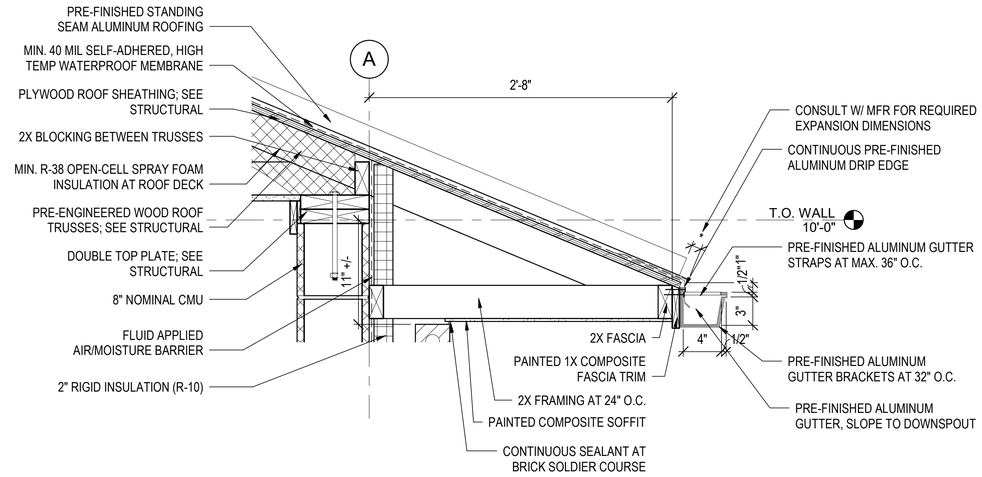
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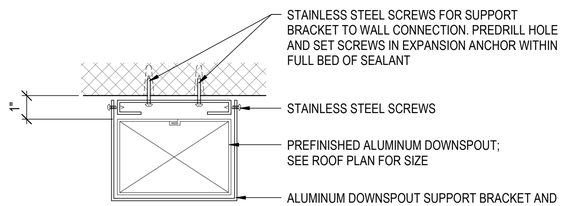
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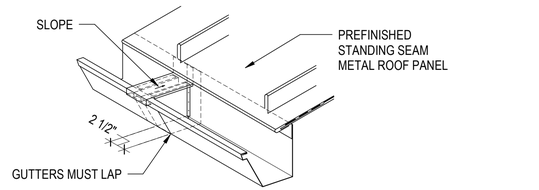
6 A-141 RIDGE / HIP CAP PLAN - TYPICAL
1" = 1'-0"



2 A-141 TYPICAL EAVE DETAIL
1 1/2" = 1'-0"

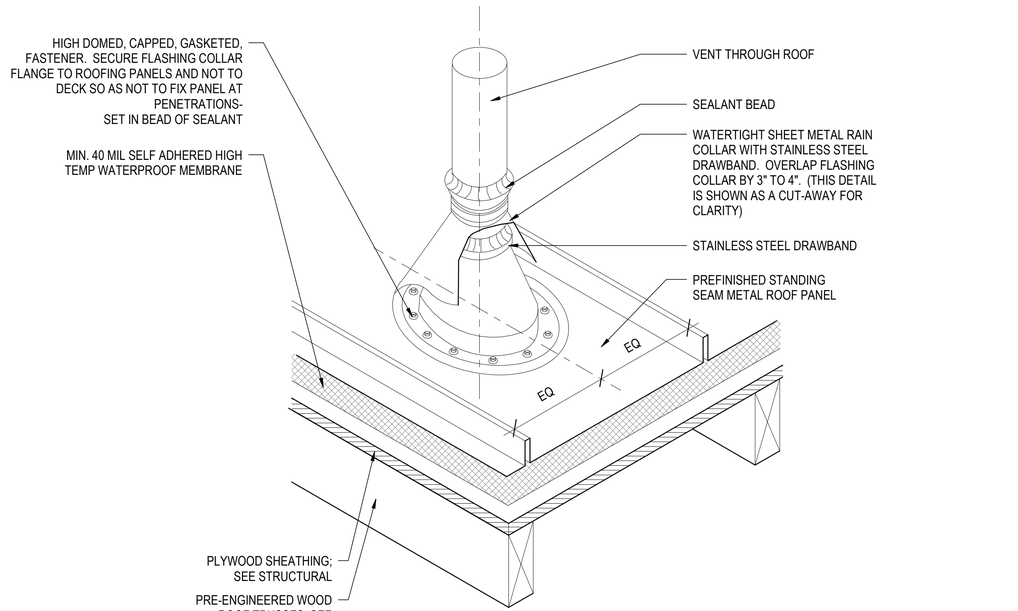


4 A-141 DOWNSPOUT DETAIL - TYPICAL
3" = 1'-0"



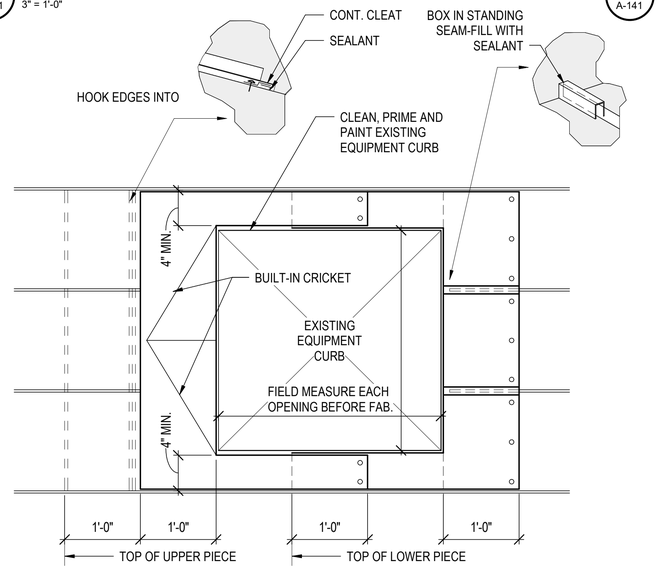
(SIMILAR TO SMACNA PLATE 7- 4TH EDITION)

5 A-141 ENLARGED GUTTER EXPANSION JOINT DETAIL
1" = 1'-0"



*NOTE: CENTER PENETRATION BETWEEN METAL ROOF PANEL SEAMS

3 A-141 ROOF DETAIL AT VTR - STANDING SEAM
3" = 1'-0"



2 PIECE STAINLESS STEEL 24 GA. FLASHING ASSEMBLY - FIELD MEASURE PRIOR TO FABRICATION - ALL SEAMS SOLDERED WATERTIGHT - PAINT TO MATCH ROOF PANELS

1 A-141 EQUIPMENT CURB - PLAN VIEW
1" = 1'-0"

0 2" 4" 8"
SCALE: 3" = 1'-0"

0 4" 8" 1'-4"
SCALE: 1 1/2" = 1'-0"

0 6" 1' 2'
SCALE: 1" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY, FLORIDA
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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

ROOF DETAILS

909 East Genvantes
Pensacola, FL 32501
AA-0001014
www.bullfortica.com
Fax: 850.432.5208
Phone: 850.434.5444

BTA architecture with purpose

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

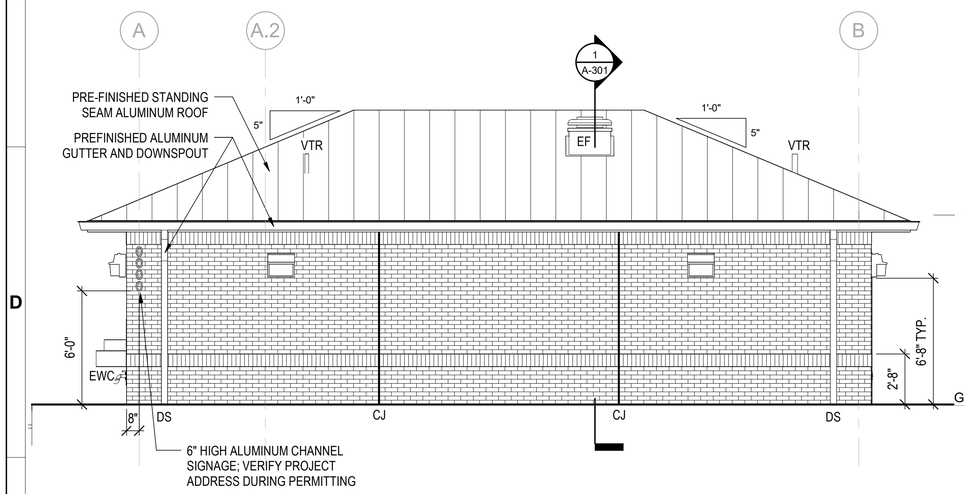
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Drawn by: Author	Rev.
Checked by: Checker	M&N Project No. 202000
Reviewed by: Checker	Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale:
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SEAL

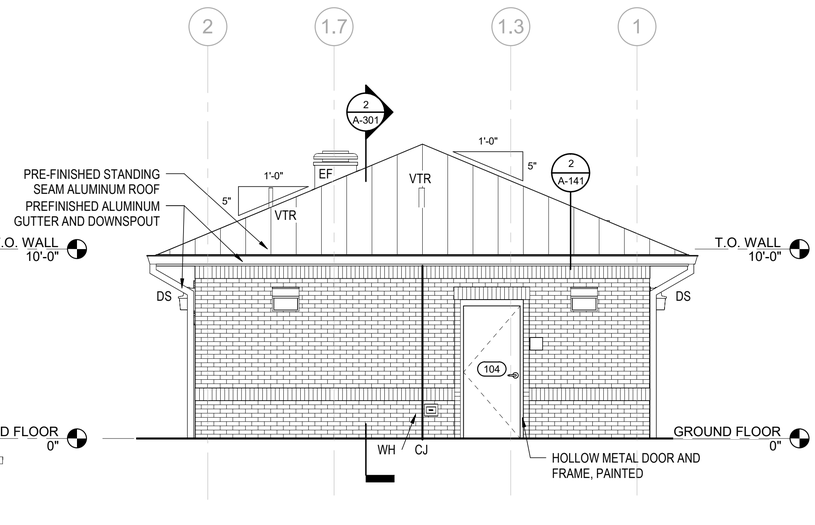
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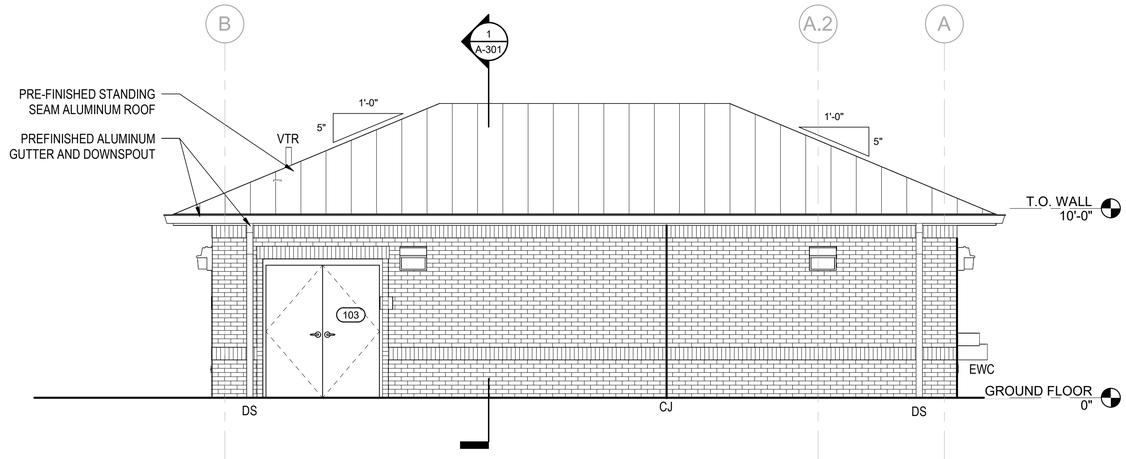
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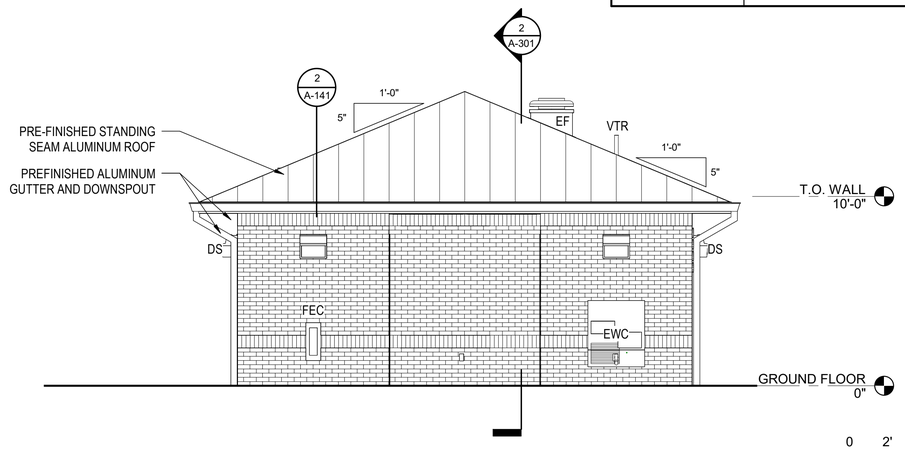
1 A-201 SOUTH ELEVATION
1/4" = 1'-0"



3 A-201 EAST ELEVATION
1/4" = 1'-0"



2 A-201 NORTH ELEVATION
1/4" = 1'-0"



4 A-201 WEST ELEVATION
1/4" = 1'-0"

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

ELEVATION NOTES

1. IN ADDITION TO NOTED LOCATIONS, ALL INSIDE CORNERS AT BRICK VENEER SHALL HAVE CONTROL JOINTS WITH BACKER ROD AND SEALANT (COLOR TO MATCH FIELD BRICK).

GRAPHIC LEGEND

	BRICK VENEER, RUNNING BOND (FIELD COLOR)
	BRICK VENEER, SOLDIER COURSE (ACCENT COLOR)
	PREFINISHED STANDING SEAM ALUMINUM ROOF
DS	PREFINISHED ALUMINUM DOWNSPOUT, CONNECT TO STORM DRAIN PIPING VIA CAST IRON BOOT, U.N.O., SEE CIVIL DRAWINGS
CJ	BRICK CONTROL JOINT W/BACKER ROD AND SEALANT, ALIGN W/ STRUCTURAL CMU CONTROL JOINTS
EF	EXHAUST FAN; SEE MECHANICAL DRAWINGS
WH	WALL HYDRANT; SEE PLUMBING

EXTERIOR COLOR SCHEDULE

BRICK VENEER	CHEROKEE BRICK FIELD: M/S VELOUR "BURGUNDY" ACCENT: M/S VELOUR "LIGHT GRAY"
BRICK MORTAR	JENKINS BRICK & TILE "COOSA LIGHT BUFF"
STANDING SEAM ALUMINUM ROOF	PAC-CLAD TITE LOC PLUS "CHAMPAGNE"
FASCIA, GUTTERS AND DOWNSPOUTS	MATCH ROOF COLOR
SOFFIT PANEL	SW 9109 "NATURAL LINEN"
HOLLOW METAL DOORS	SW 6046 "SWING BROWN"
EXPOSED CMU	SW 9087 "SMOKY BEIGE"

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

EXTERIOR ELEVATIONS

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809 East Cervantes
Pensacola, FL 32501
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Phone: 850.434.5444

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MILTON, FL 32570

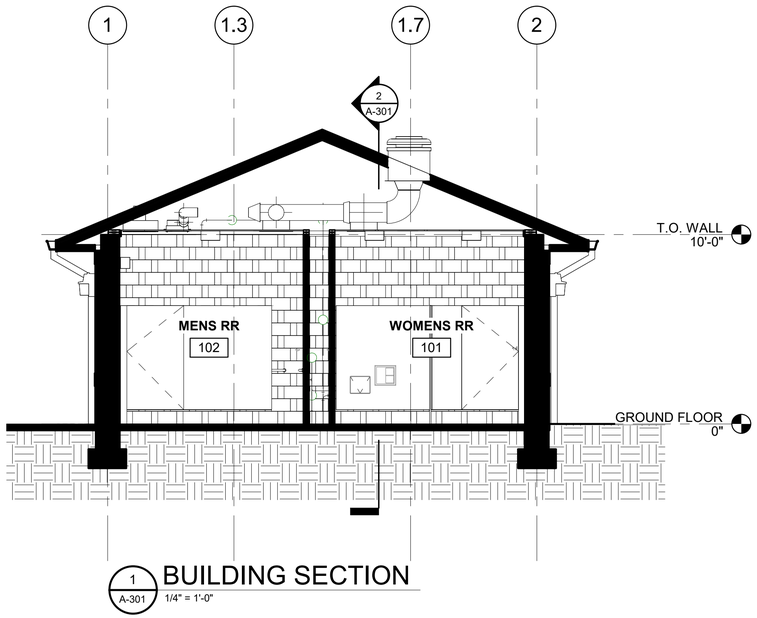
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Drawn by: Author	Date: 2022-11-22
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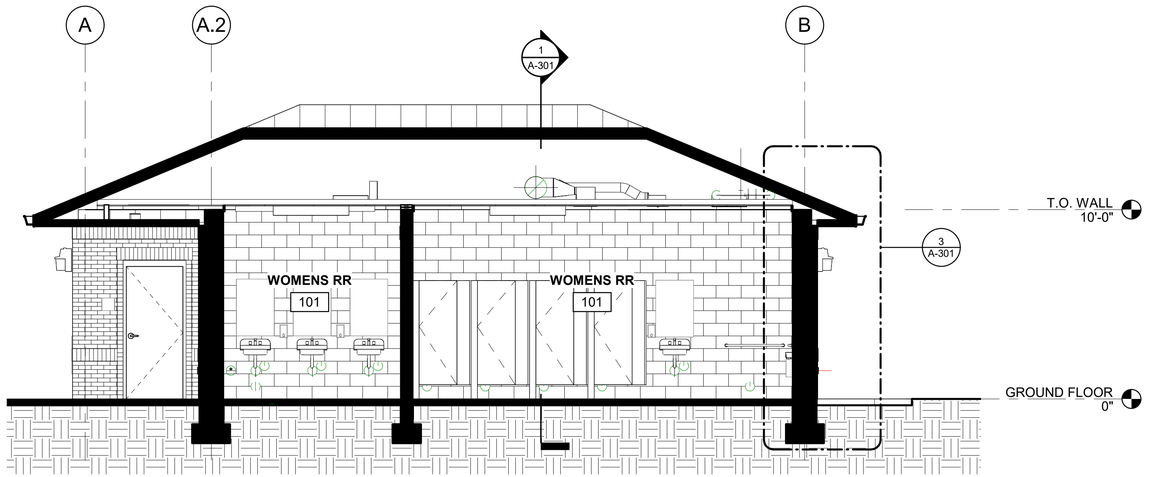
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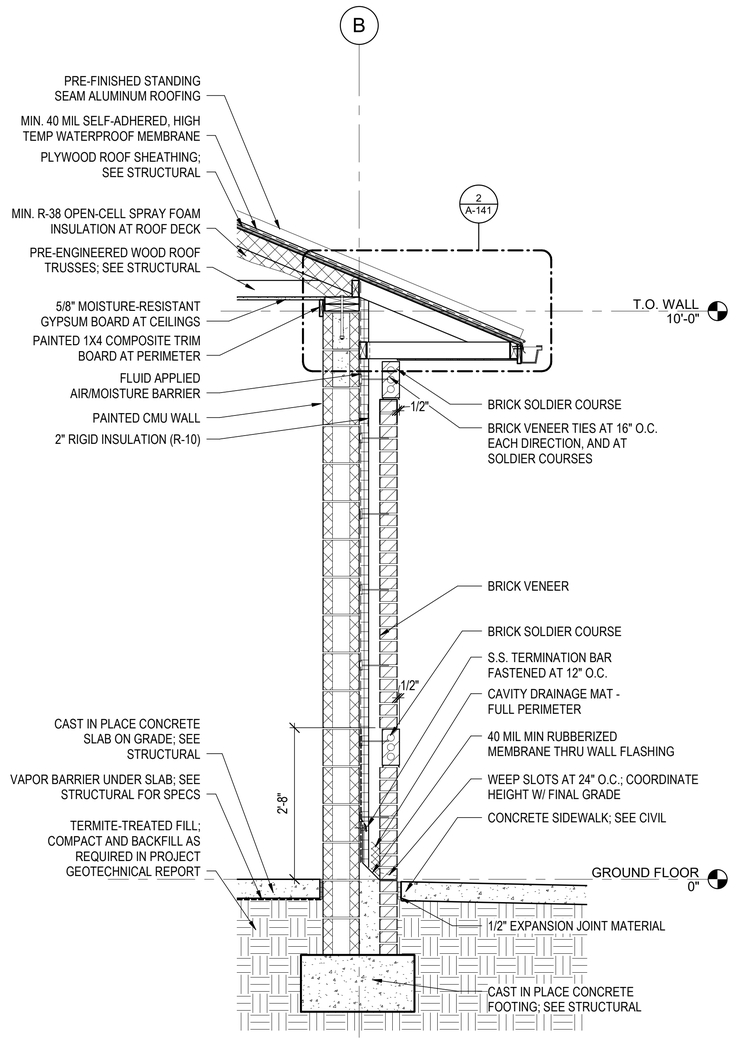
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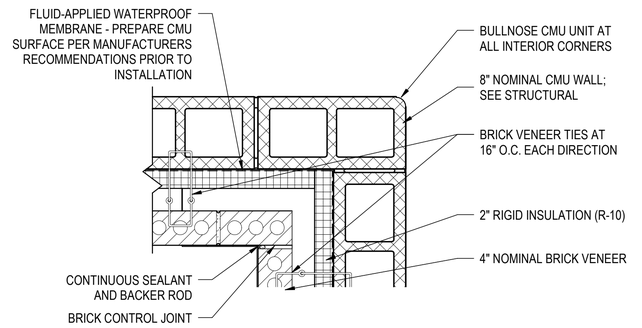
1 A-301 BUILDING SECTION
1/4" = 1'-0"



2 A-301 BUILDING SECTION
1/4" = 1'-0"



3 A-301 TYP. WALL SECTION
3/4" = 1'-0"



4 A-301 TYP. INSIDE CORNER DETAIL
1 1/2" = 1'-0"

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY, FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

BUILDING SECTIONS, WALL SECTIONS AND PLAN DETAILS

909 East Cervantes
Pensacola, FL 32501
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Fax: 850.432.5208
Phone: 850.434.5444
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MILTON, FL 32570

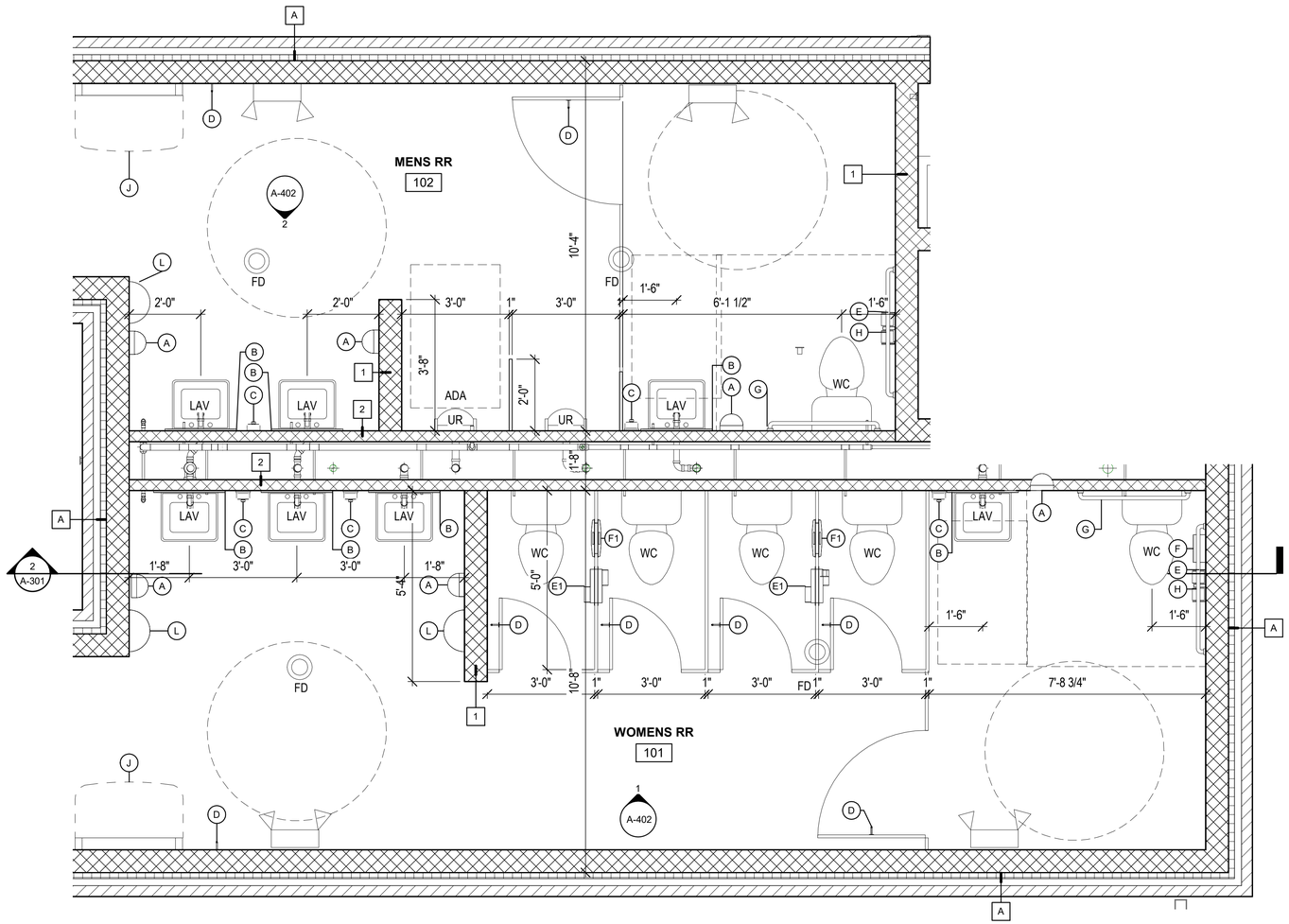
Designed by: Designer	Rev:
Drawn by: Author	Date: 2022-11-22
Cad by: Checker	M&N Project No. 202000
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Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (0 SHEET)

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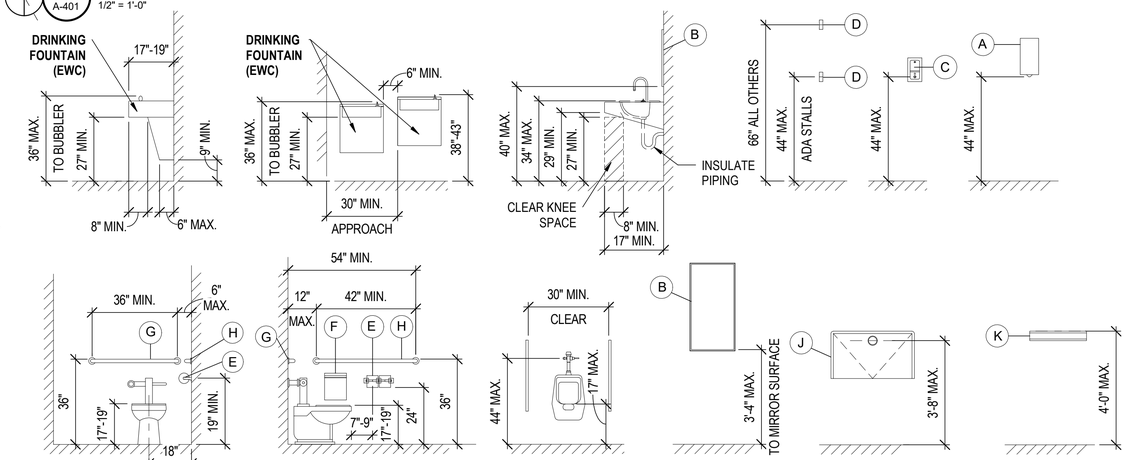
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



ENLARGED RESTROOMS & JANITORIAL PLAN

PLAN NORTH

1 A-401 — 1/2" = 1'-0"



TYP MOUNTING HEIGHTS

2 A-401 — 3/8" = 1'-0"

GRAPHIC LEGEND

ROOM NAME / 101A	ROOM NAME / NUMBER DESIGNATION
101	DOOR NUMBER
A	ACCESSORY ITEM
1A	WALL TYPE
FD	FLOOR DRAIN
EWC	ELECTRIC WATER COOLER , SEE PLUMBING
MS	MOP SINK, SEE PLUMBING
LAV	LAVATORY
WC	WATER CLOSET
UR	URINAL
	SIGNAGE

ACCESSORY SCHEDULE

MARK	ITEM/DESCRIPTION	ABBREV.	MFR.	MODEL	REMARKS
A	PAPER TOWEL DISPENSER	PTD	-	-	-
B	MIRROR	MR	-	-	-
C	WALL MOUNTED SOAP DISPENSER	SD	-	-	-
D	PURSE HOOK	HK	-	-	BY TOILET PARTITION MFR AT STALLS
E	TOILET TISSUE DISPENSER	TTD	-	-	-
E1	DUAL TOILET TISSUE DISPENSER	TTD2			PARTITION MOUNT
F	SANITARY NAPKIN DISPOSAL	SND	-	-	-
F1	SANITARY NAPKIN DISPOSAL	SND2			PARTITION MOUNT
G	GRAB BAR - 36"	GB36	BRADLEY	800	-
H	GRAB BAR - 42'	GB42	BRADLEY	800	-
J	BABY CHANGING STATION	BCS	-	-	-
K	MOP HOLDER	MH	BRADLEY	9984	-
L	WASTE RECEPTACLE	WR	-	-	-

NOTES:
1. TOILET ACCESSORIES, WITH THE EXCEPTION OF GRAB BARS, WILL BE OWNER-FURNISHED, CONTRACTOR INSTALLED.
2. SEE 2/A-401 FOR ALL ACCESSIBLE MOUNTING HEIGHTS.
3. MANUFACTURERS LISTED ARE FOR BASIS-OF-DESIGN.

0 1'-4" 2'-8" 5'-4"
SCALE: 3/8" = 1'-0"

0 1' 2' 4'
SCALE: 1/2" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY, FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

ENLARGED PLANS

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Phone: 850.434.5444

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MILTON, FL 32570

Rev.	
Date:	2022-11-22
Designed by:	Designer
Drawn by:	Author
Cked by:	Checker
Reviewed by:	Checker
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (0 SHEET)

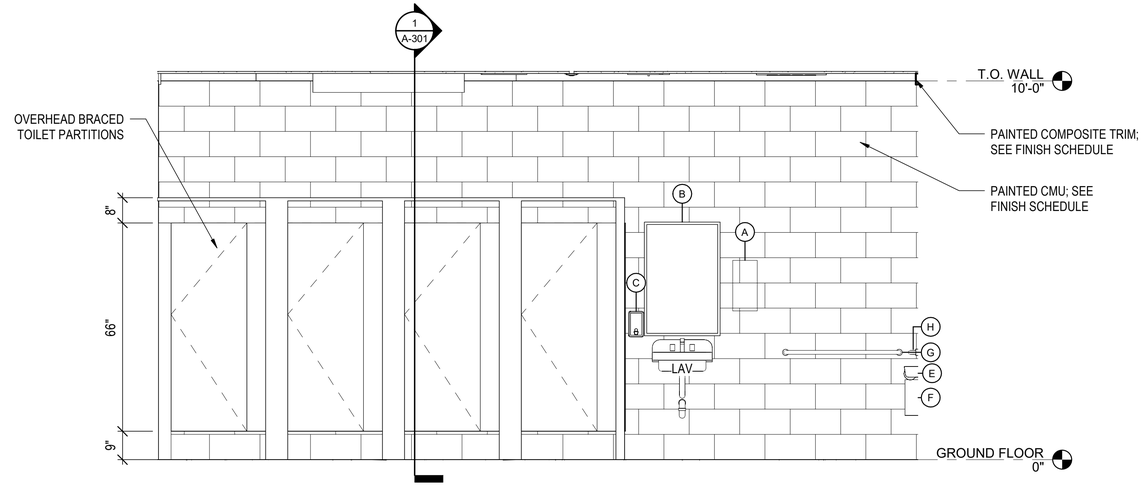
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Sheet Reference No.

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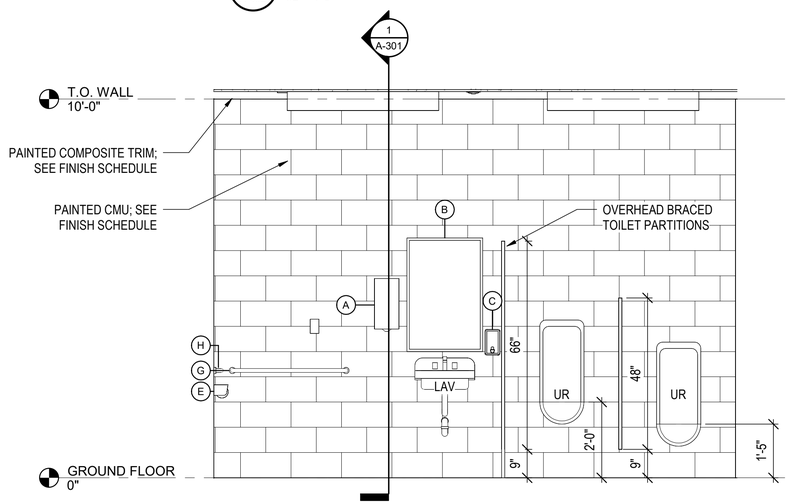
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



1 A-402 105 WOMEN TLT ELEVATION

1/2" = 1'-0"



2 A-402 107 MEN TLT ELEVATION

1/2" = 1'-0"

GRAPHIC LEGEND

ROOM NAME 101A	ROOM NAME / NUMBER DESIGNATION
101	DOOR NUMBER
A	ACCESSORY ITEM
1A	WALL TYPE
FD	FLOOR DRAIN
EWC	ELECTRIC WATER COOLER , SEE PLUMBING
MS	MOP SINK, SEE PLUMBING
LAV	LAVATORY
WC	WATER CLOSET
UR	URINAL
	SIGNAGE

ACCESSORY SCHEDULE

MARK	ITEM/DESCRIPTION	ABBREV.	MFR.	MODEL	REMARKS
A	PAPER TOWEL DISPENSER	PTD	-	-	-
B	MIRROR	MR	-	-	-
C	WALL MOUNTED SOAP DISPENSER	SD	-	-	-
D	PURSE HOOK	HK	-	-	BY TOILET PARTITION MFR AT STALLS
E	TOILET TISSUE DISPENSER	TTD	-	-	-
E1	DUAL TOILET TISSUE DISPENSER	TTD2			PARTITION MOUNT
F	SANITARY NAPKIN DISPOSAL	SND	-	-	-
F1	SANITARY NAPKIN DISPOSAL	SND2			PARTITION MOUNT
G	GRAB BAR - 36"	GB36	BRADLEY	800	-
H	GRAB BAR - 42'	GB42	BRADLEY	800	-
J	BABY CHANGING STATION	BCS	-	-	-
K	MOP HOLDER	MH	BRADLEY	9984	-
L	WASTE RECEPTACLE	WR	-	-	-

0 1' 2' 4'

SCALE: 1/2" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

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Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

INTERIOR ELEVATIONS

Designed by: Designer	Rev.
Dwn by: Author	Date: 2022-11-22
Ckd by: Checker	M&N Project No. 202000
Reviewed by: Checker	Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (D SHEET)

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

DOOR SCHEDULE

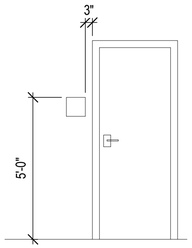
DOOR						FRAME					HARDWARE		
	SIZE							DETAIL					
MARK	WD	HT	THK	MAT	ELEV	MAT	ELEV	HEAD	JAMB	SILL	SET NO	KEYSIDE ROOM NUMBER	COMMENTS
101	3'-0"	7'-0"	1 3/4"	HM	A	HM	1	1/A-602	2/A-602	3/A-602	1	EXT	
102	3'-0"	7'-0"	1 3/4"	HM	A	HM	1	1/A-602	2/A-602	3/A-602	1	EXT	
103	6'-0"	7'-0"	1 3/4"	HM	B	HM	1	1/A-602	2/A-602	3/A-602	2	EXT	
104	3'-0"	7'-0"	1 3/4"	HM	A	HM	1	1/A-602	2/A-602	3/A-602	3	EXT	

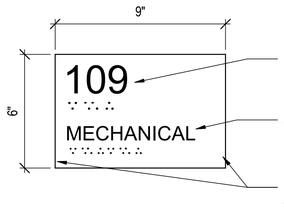
SIGNAGE SCHEDULE

MARK	ROOM NO.	ROOM NAME	TYPE	MOUNT LOCATION
1	101	WOMENS RR	TYPE A	WALL
2	103	JANITORIAL	TYPE C	WALL
3	102	MENS RR	TYPE B	WALL
4	104	ELEC	TYPE C	WALL

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR		BASE		WALLS												CEILING		REMARKS
						NORTH			EAST			SOUTH			WEST					
		MAT	FIN	MAT	FIN	MAT	FIN	COLOR	MAT	FIN	COLOR	MAT	FIN	COLOR	MAT	FIN	COLOR	MAT	COLOR	
101	WOMENS RR	EPT	1	--	--	CMU	PT	2	CMU	PT	1	CMU	PT	1	CMU	PT	1	MRGWB	PT3	
102	MENS RR	EPT	1	--	--	CMU	PT	1	CMU	PT	1	CMU	PT	2	CMU	PT	1	MRGWB	PT3	
103	JANITORIAL	EPT	1	--	--	CMU	PT	1	CMU	PT	1	CMU	FRP/ PT	1 / 1	CMU	FRP / PT	1 / 1	MRGWB	PT3	
104	ELEC	EPT	1	--	--	CMU	PT	1	CMU	PT	1	CMU	PT	1	CMU	PT	1	MRGWB	PT3	

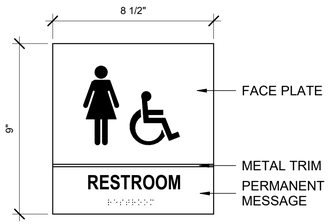




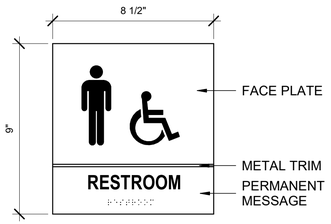
USE FOR ALL PERMANENT BUILDING SERVICE SPACES. SIGNS WILL HAVE ROOM NUMBERS, ROOM NAMES AND BRAILLE.

1 / A-601 SIGN MOUNTING - TYPICAL
3/8" = 1'-0"

2 / A-601 SIGN TYPE C
3" = 1'-0"



USE FOR TOILETS WITH GENDER NAMES AND SYMBOLS. WILL HAVE ROOM NAME AND BRAILLE



USE FOR TOILETS WITH GENDER NAMES AND SYMBOLS. WILL HAVE ROOM NAME AND BRAILLE

3 / A-601 SIGN TYPE A
3" = 1'-0"

4 / A-601 SIGN TYPE B
3" = 1'-0"

ROOM FINISH / COLOR SCHEDULE KEY

INTERIOR FLOOR FINISHES
EPT1 SEALED CONCRETE WITH SHERWIN WILLIAMS ARMORSEAL 8100 EPOXY FLOOR COATING; COLOR: CALYPSO SW6950

INTERIOR WALL FINISHES
FRP FIBERGLASS REINFORCED PANELS: CRANE COMPOSITES; SANDSTONE TEXTURED; COLOR: MORNING MIST GRAY
PT1 PAINT: SHERWIN WILLIAMS: SW 7656 RHINESTONE; FINISH: SEMI-GLOSS
PT2 PAINT: SHERWIN WILLIAMS: SW 6965 HYPER BLUE; FINISH: SEMI-GLOSS; ACCENT WALL

INTERIOR CEILING FINISHES
PT3 PAINT: SHERWIN WILLIAMS: SW 7006 EXTRA WHITE; FINISH: EG-SHEL

INTERIOR MISCELLANEOUS
TP1 TOILET PARTITIONS: SCRANTON PRODUCTS HINY HIDERS COLOR: STAINLESS HAMMERED
PT4 TRIM: SHERWIN WILLIAMS: SW 7074 SOFTWARE; FINISH: SEMI-GLOSS

EXTERIOR SIGNAGE
FACE MATERIAL: ALUMINUM COMPOSITE MATERIAL; COLOR: KONING BLUE ACM-RB-KB
LETTERING: REFLECTIVE VINYL; COLOR: WHITE REFLECTIVE 280-10
TEXT STYLE: HELVETICA

BASIS OF DESIGN: TAKEFORM - SIGNIFY QUAD 01

NOTE: FINISHES INDICATED ARE THE APPROVED BASIS OF DESIGN TO CONVEY COLOR, PATTERN, TEXTURE, AND SALIENT MATERIAL/PERFORMANCE CHARACTERISTICS ONLY. THE LISTING OF MANUFACTURER INFORMATION IS NOT INTENDED TO LIMIT THE SELECTION OF PRODUCTS PROVIDED BY ANOTHER MANUFACTURER.

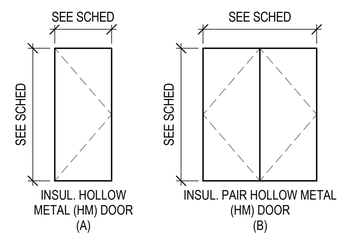
GENERAL NOTES

1. REFER TO REFLECTED CEILING PLAN SHEET(S) A-110 FOR CEILING HEIGHTS.
2. ALL INTERIOR HOLLOW METAL DOORS AND FRAMES SHALL BE PAINTED PT4.
3. ALL ELECTRICAL SWITCHES, RECEPTACLES, VOICE AND DATA PLATES SHALL BE STAINLESS STEEL.
4. ALL PLUMBING FIXTURES SHALL BE WHITE.
5. CLEAN AND PREP ALL EXISTING SURFACES FOR NEW FINISH.
6. PROVIDE FRP PANELS TO HEIGHT OF 48" ON 2 SIDES SURROUNDING JANITOR SINK. PROVIDE TOP AND SIDE TRIM PIECES.

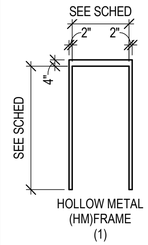
ROOM FINISH / COLOR SCHEDULE ABBR. / KEY

CMU -	CONCRETE MASONRY UNIT	IS -	INTERIOR SIGNAGE
EPT -	EPOXY PAINT COATING	MRGWB -	MOISTURE RESISTANT GYPSUM WALLBOARD
EX -	EXISTING CONSTRUCTION	PT -	PAINT
FRP -	FIBERGLASS REINFORCED PANELS	SC -	SEALED CONCRETE
GWB -	GYPSUM WALLBOARD	TP -	TOILET PARTITION

DOOR ELEVATIONS



DOOR FRAME ELEVATIONS



0 1'-4" 2'-8" 5'-4"
SCALE: 3/8" = 1'-0"

0 2" 4" 8"
SCALE: 3" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY, FLORIDA
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SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

OPENING SCHEDULE AND DETAILS

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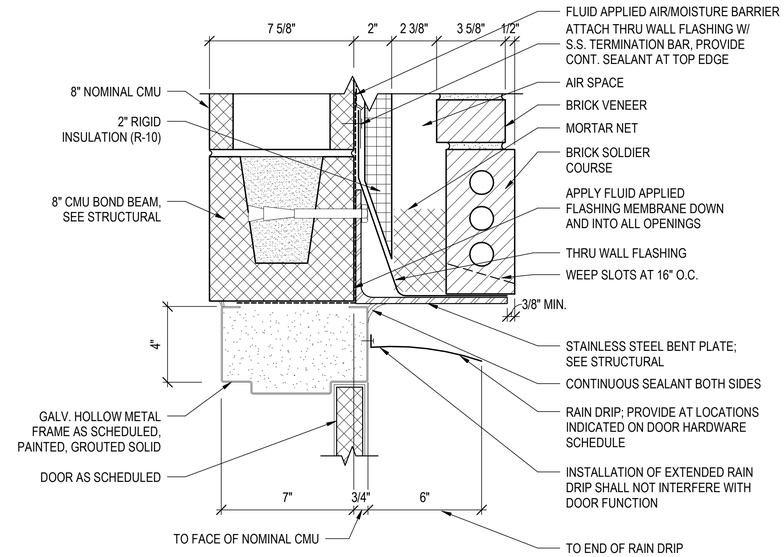
Rev.	
Date:	2022-11-22
Designed by:	Designer
Drawn by:	Author
Checked by:	Checker
M&N Project No.	202000
Drawing date:	
Reviewed by:	Checker
Drawing Scale:	
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Plot scale:	1:1 (D SHEET)

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Sheet Reference No.
A-601

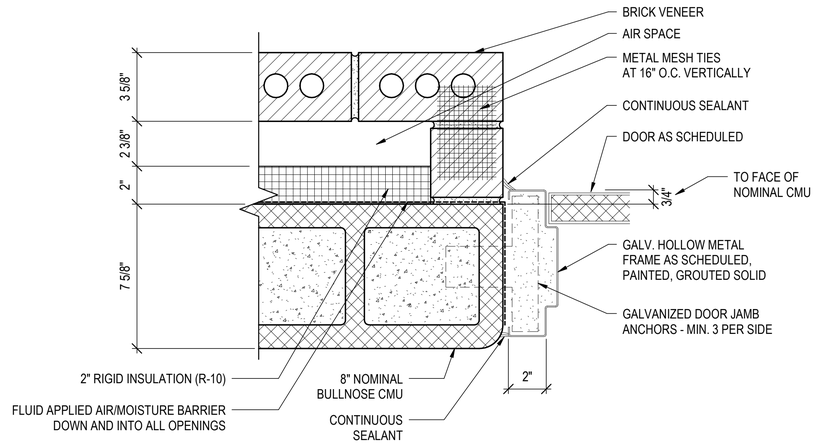
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



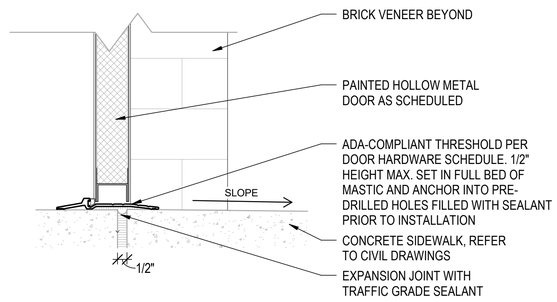
1 / A-602 H.M. DOOR HEAD @ 8" CMU

3" = 1'-0"



2 / A-602 H.M. DOOR JAMB @ 8" CMU

3" = 1'-0"



3 / A-602 H.M. DOOR EXTERIOR SILL, TYP.

0 2" 4" 8"

SCALE: 3" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

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Mark	Description	Date	Appr

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DOOR DETAILS

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MILTON, FL 32570

Designed by: Designer	Date: 2022-11-22
Dwn by: Author	Chd by: Checker
Reviewed by: Checker	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)

Rev:

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Sheet Reference No.

A-602

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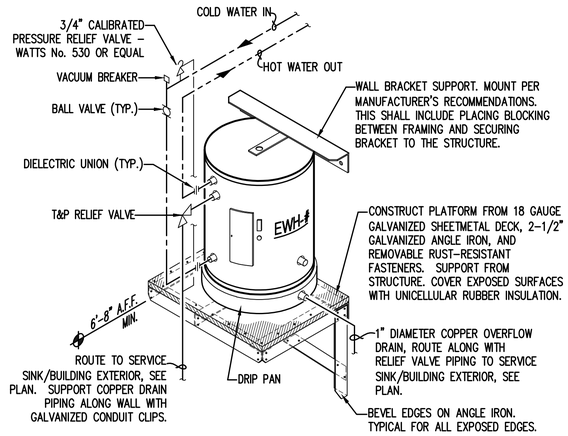
General Plumbing Notes:

1. THE CONTRACTOR SHALL EXECUTE ALL WORK SO THAT IT PROCEEDS WITH A MINIMUM INTERFERENCE WITH OTHER TRADES.
2. VERIFY EXACT PLUMBING FIXTURE ROUGH-IN AND FINAL PLUMBING EQUIPMENT REQUIREMENTS IN THE FIELD.
3. DRAIN & WASTE BELOW GRADE SHALL BE POLY VINYL CHLORIDE (PVC) SYSTEM "ASTM D 2665" BELOW GRADE. DRAIN, WASTE, AND VENT PIPING SHALL BE CAST-IRON PIPE AND FITTINGS FOR ABOVE GRADE WHERE RETURN AIR PLENUMS ARE PRESENT.
4. DOMESTIC WATER PIPING SHALL BE ASTM B 88, TYPE K, WITH ANSI B16.18 OR ANSI B16.22 SOLDER JOINT FITTINGS USING SILVER SOLDER AND FLUX CONTAINING NOT MORE THAN 0.2 PERCENT LEAD; OR WITH ANSI B16.26 FLARED JOINT FITTINGS. ASTM B 88, TYPE L MAY BE PROVIDED FOR ABOVEGROUND PIPING.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTIONS TO PLUMBING FIXTURES. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, FURNISHING AND INSTALLING ALL TRAPS, DRAINS, AND SUPPLIES WITH STOPS. FURNISH AND INSTALL PLUMBING FIXTURES INDICATED OR SPECIFIED, COMPLETE WITH ALL EQUIPMENT, FITTINGS, TRIM AND ACCESSORIES INDICATED OR SPECIFIED. EXPOSED WATER PIPING TO FIXTURES SHALL BE CHROME-PLATED BRASS, IPS. ADJUST WATER FLOW THROUGH ALL FIXTURES TO PROVIDE PROPER FLUSHING ACTION WITH THE LEAST AMOUNT OF WATER. FAUCETS SHALL HAVE UNDERDECK AND/OR ESCUTCHEON PLATES, IF REQUIRED, TO STABILIZE FAUCET WITHIN FIXTURE.
6. COORDINATE ROUTING OF WATER SUPPLY, WASTE, & VENT PIPING WITH OTHER TRADES.
7. THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND OTHER TRADES ALL REQUIRED OPENINGS AND EXCAVATIONS.
8. ALL ITEMS PROJECTING THROUGH THE ROOF SHALL BE FLASHED A MINIMUM OF 12" ABOVE THE ROOF. ALL VENTS SHALL BE A MINIMUM OF 10 FEET FROM ANY OUTSIDE AIR INTAKE. COAT VTR'S WITH UV RESISTANT PAINT TO MATCH SURROUNDING.
9. ACCESS PANEL: WHERE FITTINGS REQUIRING MAINTENANCE OR ISOLATION VALVES ARE LOCATED ABOVE NON-ACCESSIBLE CEILINGS OR SOFFITS (EXAMPLE PLASTER, METAL, OR GYPSUM BOARD), INSTALL AN ALL ALUMINUM CEILING ACCESS DOOR IN CEILING DIRECTLY BELOW EACH SUCH FITTING/VALVE. ACCESS DOORS SHALL BE LARSEN'S L-AI SERIES, ALL ALUMINUM CONSTRUCTION AND FASTENERS. PROVIDE ACCESS DOORS FACTORY PRIMED FOR PAINTING. FINISH PAINT WITH TWO COATS ENAMEL AFTER INSTALLATION TO MATCH EXISTING CEILING, SOFFIT, OR WALL.
10. FLOOR DRAIN/SINK SPECIAL NOTE: IN ALL SPACES WHERE FLOOR DRAINS/SINKS ARE SHOWN, DRAINS SHALL BE SET AT LOW POINTS OF FLOOR WITH GRADUAL AND EVEN FLOOR SLOPE TO DRAIN. POCKETS IN THE FLOOR SHALL NOT BE ALLOWED AROUND FLOOR DRAINS/SINKS. PRIOR TO SETTING FLOOR DRAIN/SINK ELEVATIONS, THE PLUMBING CONTRACTOR SHALL REVIEW THE FLOOR SLOPES SHOWN ON THE ARCHITECTURAL AND STRUCTURAL DRAWINGS, AND SHALL CLOSELY COORDINATE TOP OF DRAIN ELEVATIONS WITH THE GENERAL CONTRACTOR AND THE FLOOR SLAB INSTALLER. LIQUIDS SHALL POSITIVELY FLOW TO FLOOR DRAINS/SINKS IN ALL LOCATIONS – STANDING WATER AT ANY POINT SHALL NOT BE ACCEPTABLE. COORDINATE FINAL LOCATION & ELEVATION WITH ARCHITECT PRIOR TO ROUGH-IN.
11. ALL FLOOR DRAINS & FLOOR SINKS NOT RECEIVING SINK FIXTURE DRAINAGE SHALL HAVE A 4" DEEP SEAL AND TRAPS WITH TRAP PRIMERS AS REQUIRED BY CODE. CONTRACTOR TO ENSURE THAT EACH FLOOR DRAIN/SINK DOES NOT EXTEND ABOVE THE ADJACENT FLOOR SURFACE. AN ACCESS PANEL MUST BE INSTALLED IF THE TRAP PRIMER FITTING IS LOCATED INSIDE A WALL. NO TRAP PRIMERS ABOVE CEILING SYSTEM. COORDINATE OPENINGS WITH ARCHITECT. CONTRACTOR MAY INSTALL WATER CLOSET FLUSH VALVE OR LAVATORY TYPE PRIMER FITTINGS TO SERVE RESTROOM FLOOR DRAINS. INSTALL IN INCONSPICUOUS LOCATIONS. CONTRACTOR TO ENSURE THAT EACH TRAP PRIMER VALVE IS CLEANED AND FREE OF DEBRIS JUST PRIOR TO PROJECT COMPLETION. BARRIER-TYPE TRAP SEAL PROTECTION DEVICES CONFORMING TO ASSE 1072 ARE ALLOWED – INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
12. PROVIDE STOPS AND SHOCK ABSORBERS IN ACCORDANCE WITH PDI AND ASSE 1010.
13. PROVIDE AN ACCESS PANEL IF ISOLATION/SHUTOFF VALVE OR FITTING REQUIRING MAINTENANCE IS LOCATED INSIDE A WALL OR ABOVE A HARD CEILING. ALL VALVES/SERVICEABLE FITTINGS SHALL BE LOCATED WITHIN REACH OF ACCESS DOOR OR LAY-IN CEILING SYSTEM (18" MAX.). COORDINATE OPENINGS WITH ARCHITECT.
14. PROVIDE DIELECTRIC UNIONS AT ALL DISSIMILAR METAL CONNECTIONS.
15. INSULATE ALL HOT WATER AND COLD WATER PIPING. DOMESTIC HOT AND COLD WATER PIPE NOT EXPOSED TO VIEW SHALL BE INSULATED WITH 1" FOR HOT & ½" FOR COLD THICK GLASS FIBER WITH FACTORY APPLIED UNIVERSAL JACKET. DENSITY SHALL BE 4 POUNDS PER CUBIC FOOT. FITTINGS SHALL BE INSULATED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. INSULATION VAPOR BARRIER SHALL BE LAPPED AND CEMENTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. DOMESTIC HOT AND COLD WATER PIPE EXPOSED TO VIEW SHALL BE INSULATED SAME AS WHERE NOT EXPOSED TO VIEW, EXCEPT IT SHALL BE FINISHED WITH A SIZED UNIVERSAL JACKET SUITABLE FOR PAINTING. FITTING SHALL BE MADE OF "QUICKSET" CEMENT MOLDED TO FIT AND COVERED WITH 8 OZ. CANVAS AND FINISHED WITH WHITE VAPOR BARRIER CEMENT, AND HAVE PLASTIC MOLDED FITTING COVERS. INSULATE DOMESTIC WATER AND WASTE PIPING UNDER LAVATORIES AND SINKS USING "LAVGUARD2 E-Z SERIES" MOLDED VINYL PIPING COVERS. COVER ALL PIPING, FITTING, VALVES, AND TRAPS EXPOSED TO VIEW.
16. PIPE HANGERS AND SUPPORTS SHALL BE MSS SP-58 AND MSS SP-69, TYPE 1 OR 6, OF THE ADJUSTABLE TYPE, EXCEPT AS INDICATED OTHERWISE. ATTACHMENTS TO STEEL W OR S BEAMS SHALL BE WITH TYPE 21, 28, 29, OR 30 CLAMPS. ATTACHMENTS TO STEEL ANGLES AND CHANNELS (WITH WEB VERTICAL) SHALL BE WITH TYPE 20 CLAMP WITH A BEAM CLAMP CHANNEL ADAPTER. ATTACHMENTS TO STEEL CHANNEL (WITH WEB HORIZONTAL) SHALL BE WITH DRILLED HOLE ON CENTERLINE AND DOUBLE NUT AND WASHER. ATTACHMENTS TO CONCRETE SHALL BE WITH TYPE 18 INSERT OR A DRILLED HOLE WITH EXPANSION ANCHOR. ATTACHMENTS TO WOOD SHALL BE AS INDICATED. HANGER RODS AND ATTACHMENTS SHALL BE FULL SIZE OF THE HANGER-THREADED DIAMETER. PROVIDE TYPE 40 INSULATION PROTECTION SHIELDS FOR INSULATED PIPING. PROVIDE STEEL SUPPORT RODS. PROVIDE NONMETALLIC, HAIR FELT, OR PLASTIC PIPING ISOLATORS BETWEEN COPPER TUBING AND THE HANGERS.
17. ROUTE ALL PIPING AS HIGH AS POSSIBLE AND SO AS TO CAUSE MINIMAL INTERFERENCE FOR MAINTENANCE OF ALL EQUIPMENT. UNLESS OTHERWISE NOTED, ALL NEW WATER SUPPLY PIPING IS ROUTED ABOVE THE CEILING AND BELOW ATTIC/ROOF INSULATION. BRANCH PIPING SHALL BE ROUTED WITHIN WALL CAVITY. PATCH ALL WALLS TO MATCH SURROUNDING.
18. PROVIDE SHUTOFF VALVE TO EACH SILLCOCK WITH VALVE IDENTIFICATION AS REQUIRED BY CODE.
19. ALL P-TRAPS SHALL BE 17-GAGE CAST BRASS.
20. CONTRACTOR TO VERIFY ALL LOCATIONS OF ROOF PENETRATIONS WITH ARCHITECTURAL DRAWINGS.
21. FIRE-STOP ALL PIPE PENETRATIONS OF FIRE AND SMOKE RATED ENCLOSURES. SEE ARCHITECTURAL DWGS. AND COORDINATE WITH ARCHITECT AND GENERAL CONTRACTOR IN THE FIELD.
22. PVC WILL NOT BE ALLOWED IN RETURN AIR PLENUMS.
23. ALL DRAIN PIPING FROM INDIVIDUAL EQUIPMENT ROUTED TO THE HUB/FLOOR DRAIN/SINK SHALL BE HARD PIPED COPPER UNLESS OTHERWISE NOTED. EACH WELL OF A MULTI-COMPARTMENT SINK SHALL DISCHARGE INDEPENDENTLY TO THE WASTE RECEPTOR PER FBC-PLUMBING.
24. MARK CEILING/ACCESS PANEL AT VALVES & EQUIPMENT AS DIRECTED BY OWNER. CLEAR LABELING/BLACK CHARACTERS WITH ADHESIVE BACKING SHALL BE APPLIED TO CEILING/ACCESS PANEL BELOW EACH VALVE. IN ADDITION, LABEL ROOM TYPE & FLOOR SERVED ON INSULATION ADJACENT TO BALL VALVE ABOVE CEILING. LABELING HEIGHT SHALL MATCH HVAC. APPLY BLUE DOT DECAL FOR COLD WATER/RED DOT FOR HOT WATER AND LABEL, "BV-RM.###/###," ON CEILING/ACCESS PANEL BELOW EACH VALVE. INDIVIDUAL BALL VALVES ARE NOT REQUIRED TO BE TAGGED ABOVE CEILING EXCEPT WHERE MULTIPLE VALVES ARE INSTALLED WITHIN ONE ACCESS PANEL..
25. PIPE IDENTIFICATION: PIPE MARKERS SHALL BE SETON 'ULTRA-MARK' POLYESTER WRAP-AROUND, GREEN WITH WHITE LETTERS, TEXT INDICATING SERVICE/CONTENTS, AND FLOW ARROWS. INCLUDE ON ALL PRESSURE & GRAVITY SYSTEMS. PROVIDE PIPE MARKERS AT MINIMUM 10'-0" ON CENTER AND AT EVERY CHANGE IN DIRECTION.
26. BEFORE FINAL ACCEPTANCE OF THE WORK, TEST EACH SYSTEM AS IN SERVICE TO DEMONSTRATE COMPLIANCE WITH LATEST EDITION OF THE PLUMBING CODE AND LOCAL REQUIREMENTS. ONCE TEST ARE IN COMPLIANCE WITH CONTRACT REQUIREMENTS DISINFECT WATER SYSTEM IN ACCORDANCE WITH AWWA C651.

Plumbing Legend:

	WASTE PIPING. SIZED AS SHOWN.
GW	GREASE WASTE PIPING. SIZED AS SHOWN.
	WASTE VENT PIPING. SIZED AS SHOWN.
	COLD WATER (CW) PIPING. SIZED AS SHOWN.
	HOT WATER (HW) PIPING. SIZED AS SHOWN.
	P-TRAP
	BALL VALVE FOR SHUT-OFF SERVICE.
	CHECK VALVE.
	PIPING TURNED UP
	PIPING TURNED DOWN
	PIPING TURNED DOWN
FPWH/VB	3/4" ENCASED FREEZEPROOF WALL HYDRANT WITH VACUUM BREAKER & LOOSE KEY OPERATOR
HB/VB	3/4" CHROME PLATED HOSE BIBB WITH VACUUM BREAKER & LOOSE KEY OPERATOR
HB	3/4" HOSE BIBB WITH VACUUM BREAKER
WCO	WALL CLEANOUT W/ STAINLESS STEEL ACCESS COVER. ENSURE THREADED SCREW DOES NOT EXTEND INTO STACK.
FCO	FLOOR CLEANOUT

GCO	GROUND CLEANOUT
FD	FLOOR DRAIN W/ FLUSH STRAINER. OUTLET SIZE AS SHOWN. ZURN 415 'TYPE B' OR APPROVED EQUAL.
FD-R	FLOOR DRAIN W/ RECESSED STRAINER. OUTLET SIZE AS SHOWN. ZURN 415 'TYPE I' (9" DIA. TOP) OR APPROVED EQUAL. TOP OF RECESSED STRAINER TO BE FLUSH W/ FLOOR.
FS	FLOOR SINK W/ HALF GRATE & BEEHIVE STRAINER. OUTLET SIZE AS SHOWN. ZURN 1900 OR APPROVED EQUAL.
VTR	VENT THROUGH ROOF. SIZED AS SHOWN.
EWH-#	ELECTRIC WATER HEATER. SEE SCHEDULE AND INSTALLATION DETAIL.
P-#	PLUMBING FIXTURE NUMBER. SEE SCHEDULE ON THIS SHEET.
AAV	AIR ADMITTANCE VALVE
A.F.F.	ABOVE FINISHED FLOOR
N.O.	NORMALLY OPEN
N.C.	NORMALLY CLOSED
EX.	EXISTING
SS	STAINLESS STEEL
W/	WITH
V	VENT



* NOTE: CONTRACTOR MAY PROVIDE SUSPENDED WATER HEATER AND INTEGRAL AUX. DRAIN PAN PLATFORM SYSTEM EQUAL TO HUBBARD ENTERPRISES MODEL #30-SWHP-M.

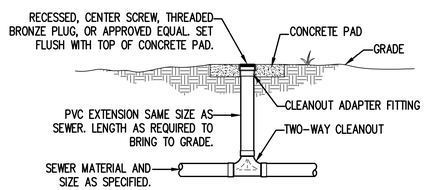
ELECTRIC WATER HEATER INSTALLATION DETAIL

NOT TO SCALE

PLUMBING FIXTURE CONNECTION SCHEDULE

MARK #	FIXTURE TYPE	MANUFAC. & MODEL	CONNECTIONS WASTE	CW	HW	REMARKS
P-1	WATER CLOSET (ADULT)	ZURN Z5570	3"	1/2"	–	FLOOR MOUNTED, ELONGATED WATER CLOSET, PRESSURE ASSISTED TANK TYPE W/ SLOW CLOSING OPEN FRONT SEAT WITHOUT COVER. (1.6 GPF)
P-1A	WATER CLOSET (ADULT – HC)	ZURN Z5560	3"	1/2"	–	FLOOR MOUNTED, ELONGATED WATER CLOSET, PRESSURE ASSISTED TANK TYPE W/ SLOW CLOSING OPEN FRONT SEAT WITHOUT COVER. CONTROL LEVER LOCATION TO BE ON OPEN SIDE OF STALL. (1.6 GPF)
P-2	WALL MOUNTED URINAL	ZURN Z5755	2"	3/4"	–	VIT. CHINA, CARRIER WALL MOUNTED, ZURN MANUAL FLUSH VALVE W/ SPLIT RING PIPE SUPPORT, (0.5 GPF). SEE ARCH. DWGS/ELEVATIONS FOR MOUNTING HEIGHT.
P-2A	WALL MOUNTED URINAL (HC)	ZURN Z5755	2"	3/4"	–	VIT. CHINA, CARRIER WALL MOUNTED, ZURN MANUAL FLUSH VALVE W/ SPLIT RING PIPE SUPPORT, (0.5 GPF). SEE ARCH. DWGS/ELEVATIONS FOR MOUNTING HEIGHT.
P-3	WALL MOUNTED LAVATORY (HC)	ZURN Z5341	1-1/4" X 1-1/2"	1/2"	–	VIT. CHINA W/ 4" CENTERS, FRONT OVERFLOW, PROVIDE WITH CONCEALED ARMS SUPPORT WITH T&S BRASS B-0805-VR-VF05 SINGLE CONTROL METERING FAUCET W/ DECK PLATE & ANTI-ROTATION PIN, GRID STRNR, & OFFSET P-TRAP.
P-4	ELECTRIC WATER COOLER (OUTDOOR)	ELKAY VRCTL8WSK	1-1/2"	1/2"	–	SELF CONTAINED, OUTDOOR RATED, VANDAL RESISTANT, HI-LOW DESIGN, CARRIER WALL MOUNTED, BOTTLE FILLER, 8.0 GPH CAPACITY (80°F AMB. AIR), 4.0 FULL LOAD AMPS, 370 RATED WATT USAGE.
P-5	SERVICE SINK	STERN WILLIAMS HL-1800	3"	1/2"	1/2"	24"x24"x10" TERRAZZO MOP SINK, STAINLESS STEEL WALL GUARD SET, STAINLESS STEEL BUMPER GUARDS, T&S BRASS B-0665-BSTR W/ VACUUM BREAKER & SPRING CHECKS, AND T&S B-0654 W/ B-0653.

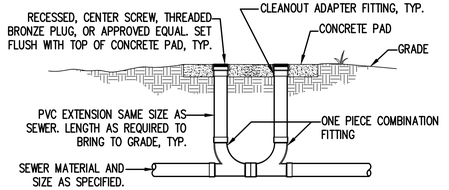
- (HC) DENOTES FIXTURE TO BE DESIGNED, MANUFACTURED AND MOUNTED FOR HANDICAPPED ACCESSIBILITY.
- PROVIDE MANUFACTURERS AND MODEL NUMBERS LISTED ABOVE OR APPROVED EQUALS IN STRICT ACCORDANCE WITH ARCHITECTURAL INTERIOR & RESTROOM ELEVATIONS FOR PROPER MOUNTING/FIXTURE HEIGHTS. ALL FIXTURES AND ADDITIONAL COMPONENTS/FITTINGS REQUIRED FOR SPECIFIC HEIGHT INSTALLATION SHALL BE COORDINATED/VERIFIED WITH THE MOST CURRENT ARCHITECTURAL DRAWINGS/CORRESPONDENCE PRIOR TO ORDERING OR ROUGH-IN. ANY DISCREPANCIES BETWEEN THE PLUMBING DRAWINGS AND ARCHITECTURAL DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY AND PRIOR TO ORDERING FIXTURES OR INSTALLING ROUGH-IN PIPING.



2-WAY GROUND LEVEL CLEANOUT DETAIL

NOT TO SCALE

(FOR INSTALLATIONS LESS THAN 2'-6" BELOW FINISHED GRADE.)



2-WAY GROUND LEVEL CLEANOUT DETAIL

NOT TO SCALE

(FOR INSTALLATIONS GREATER THAN 2'-6" BELOW FINISHED GRADE.)

ELECTRIC WATER HEATER SCHEDULE

MARK	GAL.	ELECTRICAL DATA VOLTS	PHASE	HERTZ	KW	REMARKS ①②③
EWH-1	20	120	1	60	2.0	RHEEM EGSP20

WATER HEATER SCHEDULE NOTES:

① EWH DESIGN BASED ON COMMERCIAL ELECTRIC WATER HEATER OR APPROVED EQUAL.

② FIELD VERIFY AVAILABLE VOLTAGE/ PHASE PRIOR TO ORDERING.

③ SET TEMPERATURE TO 130° UNLESS OTHERWISE NOTED

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PLUMBING LEGEND, SCHEDULES, & DETAILS

Premier Engineering Group, LLC
4100 W. Nine Mile Road, Pensacola, Florida 32534
Florida Certificate of Authorization #9368
Phone: (850) 432-0555
Premier Project #: 21046

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

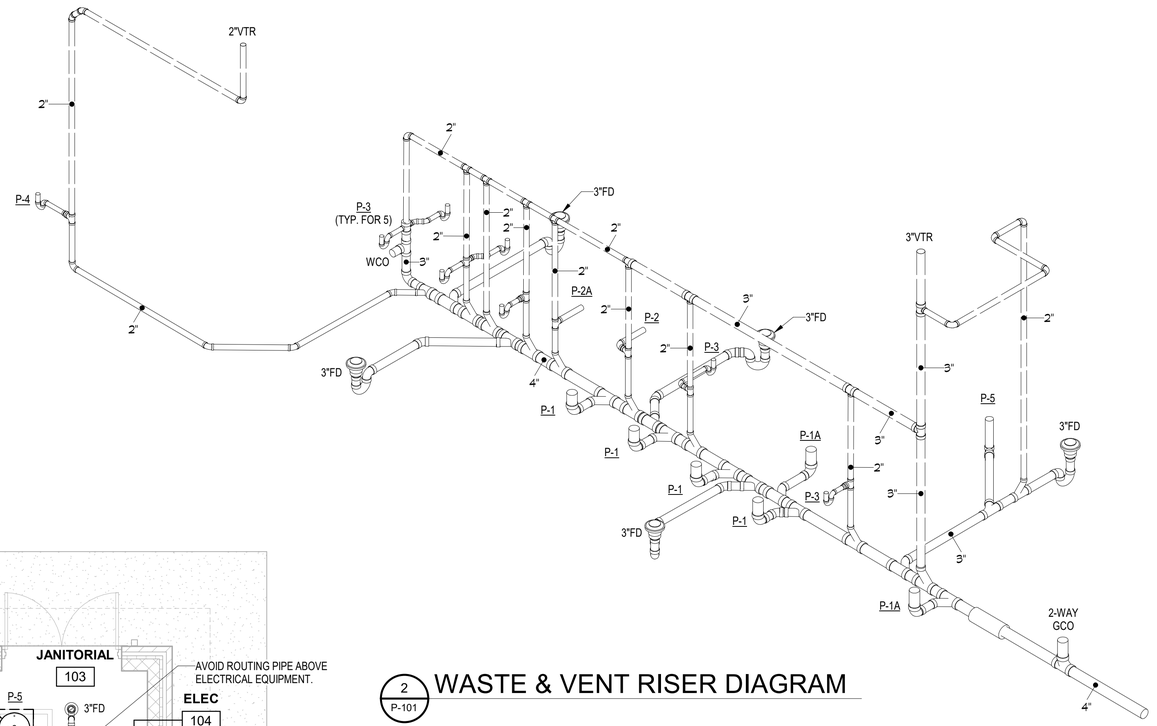
Rev:	
Date:	2022-11-22
Designed by:	JJO
Drawn by:	DWB
Checked by:	CDB
Reviewed by:	CDB
Submitted by:	SUBMITTERS NAME MOFFATT & NICHOL
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)

SEAL Charles D. Brown, PE Florida #42140

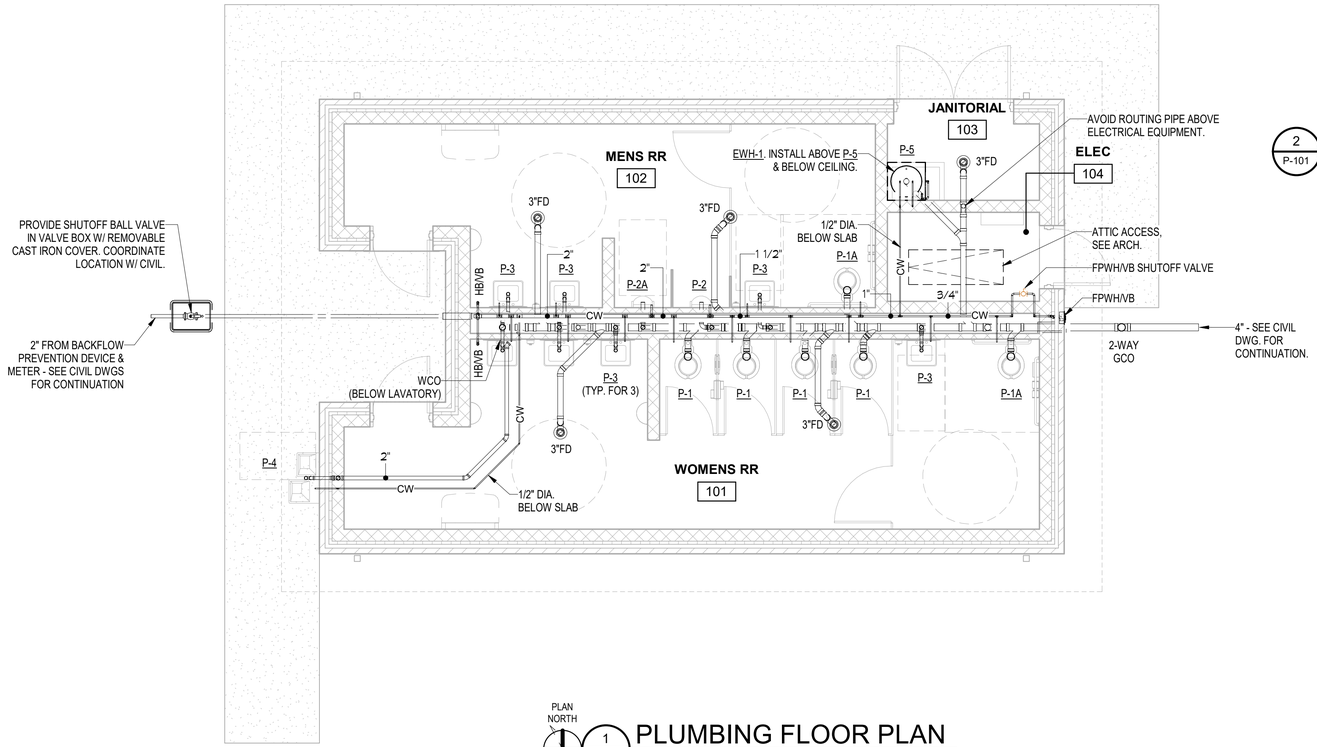
Sheet Reference No.

P-001

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



2 P-101 WASTE & VENT RISER DIAGRAM



PLAN NORTH

1 P-101 PLUMBING FLOOR PLAN

1/4" = 1'-0"

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

PLUMBING FLOOR PLAN

Premier Engineering Group, LLC
Florida Certificate of Authorization #30308
4401 W Nine Mile Rd, Suite 202
Pensacola, Florida 32534
Phn. (850) 432-0505

SANTA ROSA
COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

Rev.	Date: 2022-11-22	M&N Project No. 202000	Drawing scale:	Drawing Scale:	Plot scale: 1:1 (D SHEET)
	Designed by: JJO	Cad by: CDB		Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	
	Drawn by: DWB		Reviewed by: CDB		

SEAL Charles D. Brown, PE
Florida #42140

Sheet
Reference No.

P-101

11/18/2022 10:00:33 AM

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

HVAC Legend:

22"x16" — RECTANGULAR GALVANIZED STEEL DUCTWORK. SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS. SEE DUCTWORK AND INSULATION NOTES ON THIS SHEET.

16"ø — ROUND SNAPLOCK GALVANIZED STEEL DUCTWORK, EXTERNALLY INSULATED. SIZE SHOWN IS SHEET METAL DIAMETER.

6"ø — FACTORY FABRICATED/INSULATED SOUND ATTENUATING FLEXIBLE ROUND DUCT, SIZE SHOWN IS INSIDE DIAMETER. FLEXMASTER 8M OR APPROVED EQUAL. SEE DUCTWORK AND INSULATION NOTES ON THIS SHEET.

22"x16" — SQUARE THROAT ELBOW IN RECTANGULAR DUCT WITH AERODYNAMIC TURNING VANES. SEE DUCTWORK AND INSULATION NOTES ON THIS SHEET.

22"x16" — LONG RADIUS ELBOW IN RECTANGULAR DUCT.

LONG RADIUS ELBOW IN ROUND SNAPLOCK DUCT, ADJUSTABLE TYPE.

MVD — MANUAL VOLUME DAMPER IN RECTANGULAR DUCT, OPPOSED BLADE TYPE. PROVIDE WITH LOCKING QUADRANT REGULATOR.

MVD — MANUAL VOLUME DAMPER IN ROUND SNAPLOCK DUCT.

MVD / MVD MVD MVD — PARALLEL FLOW BRANCH IN RECTANGULAR DUCT MAIN WITH MANUAL VOLUME DAMPER IN EACH BRANCH DUCT

RECTANGULAR BRANCH DUCT TAKEOFF FROM RECTANGULAR DUCT MAIN WITH 45° COLLAR. PROVIDE MANUAL VOLUME DAMPER IN BRANCH DUCT.

MVD — ROUND BRANCH DUCT TAKEOFF FROM RECTANGULAR DUCT MAIN. BRANCH DUCT SHALL BE FLEXIBLE ROUND DUCT OR ROUND SNAPLOCK DUCT AS INDICATED. ROUND DUCT TAP IN SHALL BE MADE WITH SIDE TAKE-OFF FITTING WITH MANUAL VOLUME DAMPER. SEE "ROUND DUCT TAP-IN MOUNTING DETAIL".

RECTANGULAR SUPPLY OR OUTSIDE AIR DUCT IN SECTION

RECTANGULAR RETURN OR EXHAUST AIR DUCT IN SECTION

ROUND DUCT IN SECTION

RECTANGULAR-TO-ROUND DUCT TRANSITION

FLEXIBLE DUCT CONNECTOR

ACD — RUSKIN CD-60 AUTOMATIC CONTROL DAMPER IN RECTANGULAR DUCT, MOTORIZED, PROVIDE DUCT ACCESS DOOR AT EACH AUTOMATIC CONTROL DAMPER.

UP — DUCT TURNING UP TO AVOID OBSTRUCTION. USE 45° ELBOWS WHERE POSSIBLE.

6"x6"CD 105 CFM — CEILING DIFFUSER. LOUVERED FACE WITH EXTENDED PANEL DESIGNED FOR INSTALLATION IN A 2'x2' LAY-IN CEILING GRID. SIZE AND AIR FLOW AS INDICATED. DIRECTION OF THROW AS INDICATED BY ARROWS. PROVIDE WITH FACTORY FABRICATED SQUARE-TO-ROUND ADAPTER. SEE "TYPICAL LOUVERED FACE CEILING DIFFUSER MOUNTING DETAIL". TITUS MODEL TDC OR APPROVED EQUAL.

8"x4"CR 60 CFM — RECTANGULAR CEILING REGISTER. CURVED BLADE, ALUMINUM CONSTRUCTION WITH STEEL COMPONENTS. RECTANGULAR NECK SIZE AND AIR FLOW AS INDICATED. DIRECTION OF THROW AS INDICATED BY ARROWS. PROVIDE WITH OPPOSED BLADE VOLUME CONTROL DAMPER OPERABLE FROM FACE OF REGISTER. TITUS MODEL 250-AA OR ENGINEER APPROVED EQUAL BY E.H. PRICE OR NAILOR.

12"x8"SWR 290 CFM — SIDEWALL REGISTER. EXTRUDED ALUMINUM AIRFOIL DOUBLE DEFLECTION BLADES AND ALUMINUM FRAME. RECTANGULAR NECK SIZE AND AIR FLOW AS INDICATED. DIRECTION OF THROW AS INDICATED BY ARROW. PROVIDE WITH OPPOSED BLADE VOLUME DAMPER OPERABLE FROM FACE OF REGISTER. TITUS MODEL 272FS OR ENGINEER APPROVED EQUAL BY E.H. PRICE OR NAILOR. (SWG - SIDE WALL GRILLE SHALL BE SAME, LESS VOLUME DAMPER).

6"x6"TG 100 CFM — TRANSFER GRILLE WITH INTERNALLY INSULATED DUCTWORK. LOUVERED FACE TYPE GRILLE, RECTANGULAR NECK SIZE AND AIR FLOW AS INDICATED. DUCT SHALL BE SAME AS NECK SIZE OF GRILLE OR AS INDICATED. TITUS MODEL 350RL OR ENGINEER APPROVED EQUAL BY E.H. PRICE OR NAILOR.

14"x14" RAG / 14"x14" RAR — RETURN AIR GRILLE, LOUVERED FACE TYPE. PROVIDE EXTENDED PANEL FOR ALL GRILLES LOCATED IN 2'x2' LAY-IN CEILING GRID. TITUS MODEL 350RL OR ENGINEER APPROVED EQUAL BY E.H. PRICE OR NAILOR. RAR SAME AS RAG EXCEPT PROVIDE WITH OPPOSED BLADE VOLUME CONTROL DAMPER OPERABLE FROM FACE OF REGISTER.

14"x14" EG / 14"x14" TG — EXHAUST GRILLE OR TRANSFER GRILLE, LOUVERED FACE TYPE. PROVIDE EXTENDED PANEL FOR ALL GRILLES LOCATED IN 2'x2' LAY-IN CEILING GRID. TITUS MODEL 350RL OR ENGINEER APPROVED EQUAL BY E.H. PRICE OR NAILOR.

48"x48" RAL/EAL/OAL 6,000 CFM — IMPACT RESISTANT EXTERIOR WALL LOUVER FOR AIR INTAKE, EXHAUST OR RELIEF AIR. LOUVER SHALL BE A WIND-DRIVEN RAIN RESISTANT AND IMPACT RESISTANT STATIONARY LOUVER AS TESTED BY THE AMCA 500-L WIND-DRIVEN RAIN PENETRATION TEST AND MUST BE APPROVED FOR USE IN THE HIGH VELOCITY HURRICANE ZONE. LOUVER SHALL BE A UNIVERSAL FLANGE FRAME DESIGN WITH A FRAME DEPTH OF 3 INCHES. PROVIDE WITH BIRD SCREEN, VERTICAL BLADE SUPPORTS (AS REQUIRED), LOUVER SLEEVE. LOUVER SHALL BE CONSTRUCTED OF EXTRUDED ALUMINUM AND WITH A FACTORY "KYNAR" FINISH COLOR AS DIRECTED BY THE ARCHITECT. LOUVERS SHALL BE RUSKIN MODEL EME362D5FL OR ENGINEER APPROVED EQUAL. MANUFACTURER INSTALLATION INSTRUCTIONS MUST BE FOLLOWED STRICTLY TO ENSURE MISSILE TEST COMPLIANCE. SEE ARCHITECTURAL FOR INSTALLATION DETAILS AND MOUNTING LOCATIONS/HEIGHTS.

UNDERCUT DOOR 3/4" TO ALLOW AIR FLOW IN THE DIRECTION INDICATED.

SUPPLY OR OUTSIDE AIR FLOW

RETURN, EXHAUST, OR TRANSFER AIR FLOW

T — DIGITAL 7 DAY PROGRAMMABLE THERMOSTAT. MOUNT AT 60" ABOVE FINISHED FLOOR IN APPROXIMATE LOCATION INDICATED. COORDINATE EXACT LOCATION OF THERMOSTATS IN THE FIELD WITH THE ENGINEER. DO NOT MOUNT IN DIRECT AIRFLOW PATH FROM A SUPPLY AIR DEVICE. PROVIDE ONE THERMOSTAT FOR EACH UNIT. PROVIDE PROGRAMMABLE CONTROLLERS WITH AUXILIARY DEVICE CONTROL FOR EACH OUTSIDE AIR UNIT.

---C-- — CONDENSATE PIPE. CONDENSATE PIPING SHALL BE SCH. 40 GALVANIZED STEEL TRAP AT UNIT AND ROUTE TO POINT INDICATED ON PLAN. CONSTRUCT ALL TRAPS FROM TEES WITH A CAP ON EACH TEE. INSULATE ALL CONDENSATE DRAINS WITH 3/4" THICK UNICELLULAR FOAM INSULATION.

Ductwork and Insulation Notes:

1. ALL LOW-PRESSURE SUPPLY AIR DUCTWORK SHALL BE LOW PRESSURE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 2" W.G., SEAL CLASS A, EXTERNALLY INSULATED WITH 2" THICK DUCTWRAP WITH A MINIMUM INSTALLED R-VALUE OF 6.0. DUCT SIZES INDICATED ARE ACTUAL SHEET METAL DIMENSIONS. ALL DUCTWORK SHALL BE SEALED TO 100% CLOSURE USING MASTIC ON ALL TRANSVERSE JOINTS, LONGITUDINAL SEAMS AND SPIN-IN FITTINGS.
2. ALL RETURN AIR DUCTWORK SHALL BE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 2" W.G., SEAL CLASS A. ALL RETURN AIR DUCT SHALL BE INTERNALLY INSULATED WITH 1" THICK ACOUSTICAL DUCT LINER; ACOUSTIC DUCT LINER SHALL HAVE THE AIR STREAM SURFACE COATED WITH AN EPA REGISTERED BIOCIDE TO PREVENT MICROBIAL GROWTH MEETING THE REQUIREMENTS OF ASTM C1338, ASTM G21, AND ASTM G22. ACOUSTIC INSULATION SHALL BE AS MANUFACTURED BY OWENS CORNING "QUIET-R" OR ENGINEER APPROVED EQUAL. CONTRACTOR SHALL INSTALL THE ACOUSTICAL LINING WITH 90% ADHESIVE COVERAGE AND IN STRICT COMPLIANCE WITH THE INSULATION MANUFACTURER'S RECOMMENDATIONS.
3. ALL OUTSIDE AIR INTAKE DUCTWORK SHALL BE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 2" W.G., SEAL CLASS A, EXTERNALLY INSULATED WITH 2" THICK DUCTWRAP WITH A MINIMUM INSTALLED R-VALUE OF 6.0. DUCT SIZES INDICATED ARE INSIDE CLEAR DIMENSIONS.
4. ALL EXHAUST AIR DUCTWORK SHALL BE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 1" W.G. (NEG.). ALL TRANSFER AND RELIEF AIR DUCTWORK SHALL BE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 1" W.G. (NEG.). ALL EXHAUST, TRANSFER AND RELIEF AIR DUCTWORK SHALL BE SEAL CLASS A, UNINSULATED. DUCT SIZES INDICATED ARE ACTUAL SHEET METAL DIMENSIONS.
5. FLEXIBLE DUCT INSTALLATION SHALL MEET THE FOLLOWING MINIMUM STANDARDS: 1) DUCTS SHALL BE FULLY EXTENDED, 2) BENDS SHALL MAINTAIN A CENTERLINE RADIUS OF NOT LESS THAN ONE DUCT DIAMETER, 3) TERMINAL DEVICES SHALL BE SUPPORTED INDEPENDENTLY OF FLEXIBLE DUCT, 4) HORIZONTAL DUCT SHALL BE SUPPORTED AT INTERVALS NOT GREATER THAN 5 FEET. DUCT SAG BETWEEN SUPPORTS SHALL NOT EXCEED 1/2 INCH PER FOOT OF LENGTH. SUPPORTS SHALL BE PROVIDED WITHIN 1.5 FEET OF INTERMEDIATE FITTINGS AND BETWEEN INTERMEDIATE FITTINGS AND BENDS, 5) VERTICAL DUCT SHALL BE STABILIZED WITH SUPPORT STRAPS AT NOT GREATER THAN 6 FEET, 6) HANGARS, SADDLES, AND OTHER SUPPORTS SHALL MEET THE DUCT MANUFACTURER'S RECOMMENDATIONS AND IN NO CASE SHALL THE MATERIAL IN DIRECT CONTACT WITH AND SUPPORTING THE FLEXIBLE DUCT BE LESS THAN 1-1/2 INCHES WIDE.
6. ALL DUCT CONNECTIONS / MECHANICAL ATTACHMENTS SHALL COMPLY WITH SECTION 603.1.6 OF THE FLORIDA BUILDING CODE. DUCT CLOSURE SYSTEMS SHALL COMPLY WITH SECTION 603.1.7 OF THE FLORIDA BUILDING CODE.
7. MOUNT ALL DUCTWORK WITHIN 18" OF CEILING. AVOID ROUTING DUCTWORK OVER LIGHTS WHEREVER POSSIBLE. WHERE DUCTWORK MUST BE ROUTED OVER LIGHTS, MAINTAIN A 6" CLEARANCE BETWEEN OUTER SURFACE OF DUCT INSULATION AND TOP OF LIGHTS.
8. SUPPORT ALL DUCTWORK AND EQUIPMENT AS DETAILED IN THE DRAWINGS AND SPECIFICATIONS. ATTACHMENTS TO STRUCTURE SHALL BE AS APPROVED BY STRUCTURAL ENGINEER.
9. MARK CEILING TILES BELOW FANS AND ACCESS DOORS AS DIRECTED BY OWNER.
10. PROVIDE APPROPRIATELY SIZED DUCT ACCESS DOORS AT EACH AUTOMATIC CONTROL DAMPER, MANUAL VOLUME DAMPER FOR FLOW BALANCING AT AIR HANDLING UNITS, AIR FLOW MEASURING PROBE, AND ANY POSITION SENSITIVE CONTROL DEVICE MOUNTED IN DUCTWORK. DUCT ACCESS DOORS ARE ALSO REQUIRED FOR ALL FIRE DAMPERS.
11. ALL MANUAL VOLUME DAMPERS IN LOW PRESSURE RECTANGULAR DUCTS SHALL BE RUSKIN 'MD35' 16 GAUGE GALVANIZED STEEL WITH EXTENDED SHAFT AND LOCKING HAND QUADRANT, OBSB050B OUTBOARD SUPPORT BRACKET FOR EXTENDED SHAFT WITH BEARING, AND HDHQ SERIES HAND QUADRANT BRACKET AND ARM. PROVIDE MANUAL VOLUME DAMPER IN THE DUCT RUNOUT TO EACH RETURN AIR GRILLE (RAG) WHETHER OR NOT SHOWN ON THE PLANS.
12. ALL GRILLES, REGISTERS, AND DIFFUSERS SHALL BE TITUS, E.H. PRICE OR NAILOR - NO OTHER MANUFACTURER'S WILL BE ACCEPTED. EXTERIOR LOUVERS SHALL BE RUSKIN, POTTORF, OR GREENHECK - NO OTHER MANUFACTURER'S WILL BE ACCEPTED.
13. ALL OUTSIDE AIR INLETS SHALL BE LOCATED A MINIMUM OF 10 FEET FROM ANY EXHAUST AIR OUTLET OR PLUMBING VENT STACK. COORDINATE WITH THE PLUMBING DRAWINGS AND WITH THE PLUMBING AND GENERAL CONTRACTORS IN THE FIELD.
14. ALL ROOF PENETRATIONS SHALL COMPLY WITH ARCHITECTURAL STANDARD ROOF PENETRATION DETAIL.
15. PROVIDE MANUAL VOLUME DAMPERS IN ALL BRANCH DUCT CONNECTIONS, REGARDLESS OF DUCT SIZE, DUCT PRESSURE CLASS OR DUCT SERVICE (SUPPLY, RETURN, OUTSIDE AIR OR RELIEF AIR), AND REGARDLESS OF WHERE THE BRANCH CONNECTION OCCURS.

Grille and Register Notes:

1. ALL SUPPLY, RETURN, EXHAUST, TRANSFER AND RELIEF AIR DIFFUSERS, GRILLES OR REGISTERS LOCATED IN SUSPENDED CEILINGS SHALL HAVE 2'x2' EXTENDED PANELS FOR MOUNTING IN CEILING T'BARS. ALL SUPPLY, RETURN, EXHAUST, TRANSFER AND RELIEF AIR DIFFUSERS, GRILLES OR REGISTERS LOCATED IN GYPSUM CEILINGS SHALL NOT HAVE EXTENDED PANELS AND SHALL BE DESIGNED FOR SURFACE MOUNTING IN GYP. BOARD CEILING.
2. CONTRACTOR SHALL FIELD-COORDINATE EXACT LOCATION OF ALL SUPPLY, RETURN, EXHAUST, TRANSFER AND RELIEF AIR GRILLES WITH THE ARCHITECT AND ENGINEER DURING CONSTRUCTION.

Abbreviations

ACD	AUTOMATIC CONTROL DAMPER
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AHU-#	AIR HANDLING UNIT. SEE SCHEDULE
CD	CEILING DIFFUSER
CR	CEILING REGISTER
CSR	CURRENT SENSING RELAY
DDC	DIRECT DIGITAL CONTROL SYSTEM
EA	EXHAUST AIR
EAL	EXHAUST AIR LOUVER
EF-#	EXHAUST FAN. SEE SCHEDULE
EG	EXHAUST GRILLE
ER	EXHAUST REGISTER
EX	EXISTING
FD	FIRE DAMPER
FSD	COMBINATION FIRE/SMOKE DAMPER
MVD	MANUAL VOLUME DAMPER
OA	OUTSIDE AIR
OAL	OUTSIDE AIR LOUVER
O.C.	ON CENTER
RA	RETURN AIR
RAL	RELIEF AIR LOUVER
RG	RETURN GRILLE
SA	SUPPLY AIR
SAR	SUPPLY AIR REGISTER
SD	SMOKE DAMPER
SS	STAINLESS STEEL
SWR	SIDEWALL RESISTER (SUPPLY AIR)
SWG	SIDEWALL GRILLE (SUPPLY AIR)
TG	TRANSFER GRILLE
TYP	TYPICAL
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
VRF/VRV	VARIABLE REFRIGERANT VOLUME
W/	WITH

General Project Mechanical Requirements:

1. REMOVE FROM THE SITE AND LEGALLY DISPOSE OF ALL WASTE GENERATED FROM PERFORMING WORK SHOWN ON CONSTRUCTION DOCUMENTS OF THIS PROJECT.
2. THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND ALL OTHER TRADES ALL REQUIRED OPENINGS IN WALLS, FOUNDATIONS, FLOORS, ROOFS AND BUILDING STRUCTURAL MEMBERS RELATED TO WORK SHOWN ON THE MECHANICAL DRAWINGS.
3. THE MECHANICAL CONTRACTOR SHALL VERIFY ALL MECHANICAL EQUIPMENT LOCATIONS AND BE RESPONSIBLE FOR ALL RELATED CLEARANCES IN THE FIELD. PROVIDE ADEQUATE MAINTENANCE CLEARANCE AROUND EACH EQUIPMENT ITEM PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE CLEARANCE IN FRONT OF ALL ELECTRICAL PANELS PER NATIONAL ELECTRIC CODE REQUIREMENTS. COORDINATE EXACT LOCATION OF ALL OUTDOOR UNITS IN THE FIELD WITH THE ENGINEER AND THE OWNER.
4. INSTALL EQUIPMENT AND RUN PIPES AND DUCTS PARALLEL WITH OR AT RIGHT ANGLES TO THE WALLS OF THE BUILDING UNLESS SHOWN OTHERWISE ON THE DRAWINGS. PARALLELED RUNS SHALL BE STRAIGHT AND TRUE WITH OFFSETS UNIFORM AND SYMMETRICAL.
5. ENGINEER HAS VERIFIED DIMENSIONAL SUITABILITY OF BASIS-OF-DESIGN MANUFACTURERS AS LISTED IN THE EQUIPMENT SCHEDULES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY EQUIPMENT PROPOSED TO BE INSTALLED FITS ALL REQUIRED PROJECT DIMENSIONS. ANY ADDITIONAL WORK DUE TO EQUIPMENT LARGER THAN THAT SHOWN SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
6. CONTRACTOR SHALL PROVIDE FIRE DAMPERS, SMOKE DAMPERS, FIRE/SMOKE DAMPERS (DUCTS) AND FIRESTOPPING (PIPING) AT ALL MECHANICAL SYSTEM PENETRATIONS OF RATED WALLS AS SHOWN ON THE ARCHITECTURAL DRAWINGS. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS TO DETERMINE THE REQUIRED RATING OF THE WALL ASSEMBLY TO BE PENETRATED. ALL FIRE DAMPERS AND FIRESTOPPING SHALL BE FURNISHED AND INSTALLED ACCORDING TO U.L. APPROVED DETAILS FOR EACH PARTICULAR INSTALLATION REQUIRED. THE CONTRACTOR SHALL PROVIDE THRU PENETRATION FIRESTOPPING IN ACCORDANCE WITH CODES AROUND DUCT PENETRATIONS OF RATED WALLS THAT DO NOT REQUIRE FIRE DAMPERS AND AROUND DUCT PENETRATIONS OF SMOKE WALLS THAT DO NOT REQUIRE SMOKE DAMPERS.

EQUIPMENT ANCHORING NOTES:

1. ALL OUTDOOR MECHANICAL EQUIPMENT SHALL BE ANCHORED TO THEIR CONCRETE PAD TO SUSTAIN THE FORCES OF 150 MPH WINDS/REQUIREMENTS WITHIN LATEST EDITION OF THE FLORIDA BUILDING CODE(S). THE CONTRACTOR SHALL INSTALL "ANCHOR-IN-A-STORM" ANCHORING SYSTEM AS MANUFACTURED BY CARSON INDUSTRIES. INSTALL IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
2. ALL ROOFTOP EXHAUST FANS AND CAPS SHALL BE SECURELY FASTENED TO ROOF CURBS USING FOUR (4) #14 STAINLESS STEEL SCREWS ON EACH SIDE OF CURB CAP.

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY FLORIDA — IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

HVAC LEGEND & NOTES

Premier Engineering Group, LLC
Premier Project # 21146
Florida Certificate of Authorization #30368
4501 Woo Nam Mile Road
Pensacola, Florida 32534
Phone: (850) 432-0505
www.premiereg.com

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6495 CAROLINE ST.
MILTON, FL 32570

Rev.	
Date:	2022-11-22
M&N Project No.	202000
Drawing code:	
Drawing Scale:	(SHEET)
Plot scale:	1:1
Designed by:	JJO
Drawn by:	DWB
Cad by:	CDB
Reviewed by:	CDB
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL

SEAL Charles D. Brown, PE Florida #42140

Sheet Reference No.

M-001

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

FAN SCHEDULE

MARK	TYPE ①	DRIVE ②	SERVICE ③	LOCATION	CONTROL	INTERLOCKS	PERFORMANCE DATA				ELECTRICAL DATA				REMARKS
							AIR FLOW CFM	EXTERNAL STATIC PRESS. INCHES WC	MAXIMUM RPM	MAX SONES	MINIMUM HORSEPOWER	VOLTS	PHASE	HERTZ	
EF-1	CEF	DD	EA	SEE PLANS	–	⑥	500	0.25	1403	3.5	160 WATTS	120	1	60	COOK MODEL GC-642 ④⑤
EF-2	CEF	DD	EA	SEE PLANS	–	⑥	100	0.25	896	1.5	37 WATTS	120	1	60	COOK MODEL GC-148 ④⑤
EF-3	CEF	DD	EA	SEE PLANS	–	⑥	300	0.25	1389	4.0	99 WATTS	120	1	60	COOK MODEL GC-542 ④⑤

FAN SCHEDULE NOTES:

① CEF – CEILING EXHAUST FAN

② DD – DIRECT DRIVE

③ EA – EXHAUST AIR

④ PROVIDE FAN WITH A SPEED CONTROLLER FOR AIR FLOW BALANCING. MOUNT CONTROLLER WITHIN FAN HOUSING.

⑤ PROVIDE MANUFACTURER AND MODEL LISTED OR BY GREENHECK OR PENN ARE ACCEPTABLE, PROVIDED THAT THEY MEET ALL REQUIREMENTS SPECIFIED FOR FANS MANUFACTURED BY LOREN COOK.

⑥ INTERLOCK EXHAUST FANS TO BE ENERGIZED DURING OCCUPIED PERIODS.

ELECTRIC UNIT HEATER SCHEDULE

MARK	DISCHARGE DIRECTION	TOTAL KW	MINIMUM OUTPUT BTUH	NO. OF STEPS	ELECTRICAL DATA			AIR FLOW CFM ①	MOUNTING HEIGHT ②	REMARKS
					VOLTS	PHASE	HERTZ			
EUH-1	HORIZONTAL	5	17,100	1	208	1	60	300	RECESSED CEILING	QMARK CDF558-RE-T ③ ④
EUH-2	HORIZONTAL	2	6,800	1	208	1	60	300	RECESSED CEILING	QMARK CDF548-RE-T ③ ④
EUH-3	HORIZONTAL	4	13,700	1	208	1	60	300	RECESSED CEILING	QMARK CDF548-RE-T ③ ④

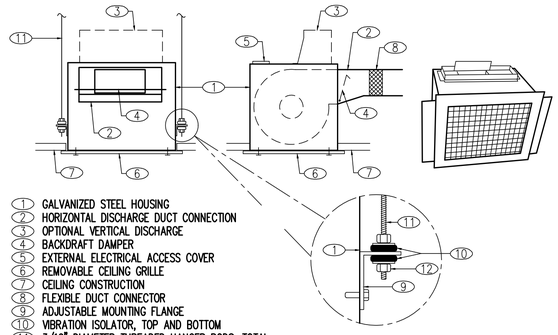
ELECTRIC UNIT HEATER NOTES:

① CFM WITH 60°F AMBIENT AIR AND HEATING AT FULL CAPACITY.

② TO BOTTOM OF UNIT. MOUNT PER MANUFACTURER'S RECOMMENDATIONS.

③ PROVIDE WITH UNIT MOUNTED THERMOSTAT WITH A TEMPERATURE RANGE FROM 40°F TO 75°F. SET AT 55°F.

④ HEATER CAPACITIES (KW) ARE MINIMUM REQUIRED TO SATISFY HEATING REQUIREMENTS. CONTRACTOR SHALL COORDINATE ACTUAL EQUIPMENT PROVIDED WITH ELECTRICAL REQUIREMENTS.



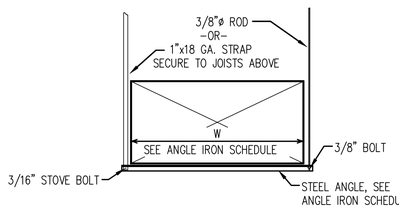
CEILING EXHAUST FAN INSTALLATION DETAIL

NOT TO SCALE

ROOFING NOTE:

INSTALLATION OF ALL NEW ROOF CURBS AND FLASHING OF CURBS SHALL BE DONE BY A LICENSED ROOFING CONTRACTOR. ALL CURBS SHALL BE FASTENED TO THE ROOF STRUCTURE AND THE EQUIPMENT SHALL BE FASTENED TO THE CURBS SO AS TO WITHSTAND 150 MPH WIND LOADS.

ANGLE IRON SCHEDULE	
W	ANGLE SIZE
31" THRU 42"	1-1/2" x 1-1/2" x 1/8"
43" THRU 60"	1-1/2" x 1-1/2" x 1/8"
61" THRU 84"	2" x 2" x 1/4"
85" & OVER	2" x 2" x 1/4"



TYPICAL DUCTWORK HANGER DETAIL

NOT TO SCALE
TYPE-2 (DUCT WIDTH 31" AND OVER)

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

HVAC SCHEDULES & DETAILS

Premier Engineering Group, LLC
Premier Project # 21146
Florida Certificate of Authorization #9368
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1701 Nine Mile Road
Pensacola, Florida 32514

SANTA ROSA COUNTY
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MILTON, FL 32570

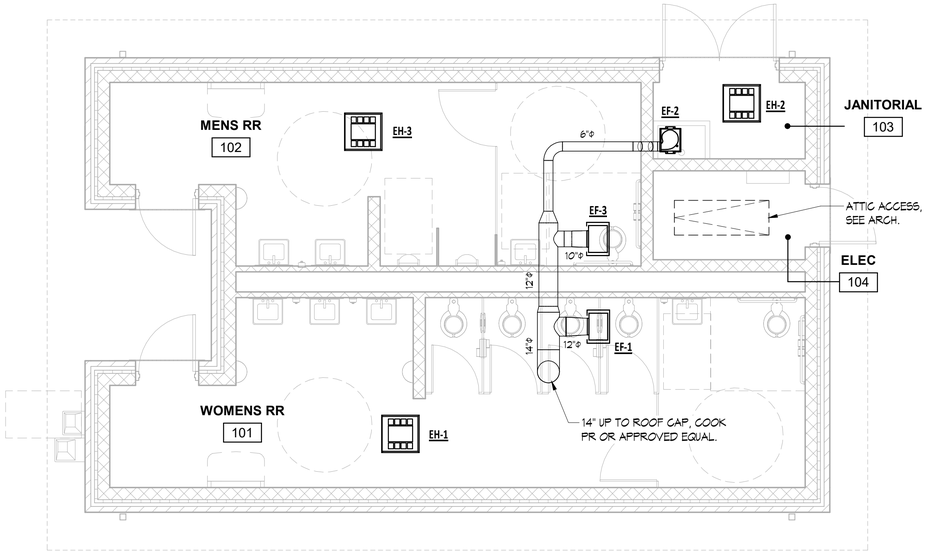
Designed by:	Date:	Rev:
JJO	2022-11-22	
Drawn by: DWB / Cad by: CDB	M&N Project No. 202000	
Reviewed by: CDB	Drawing code:	
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (D SHEET)	

SEAL Charles D. Brown, PE Florida #42140

Sheet Reference No.

M-002

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



PLAN NORTH

1 / M-101

HVAC FLOOR PLAN

1/4" = 1'-0"

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

HVAC FLOOR PLAN

Premier Engineering Group, LLC
Premier Project # 21046
Florida Certificate of Authorization #9368
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Fax: (850) 432-0506
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Pensacola, Florida 32514

Designed by: JJO	Date: 2022-11-22
Dwn by: DWB	Cad by: JJO
Reviewed by: JJO	Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (0 SHEET)

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SEAL Charles D. Brown, PE
Florida #42140

Sheet Reference No.

M-101

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

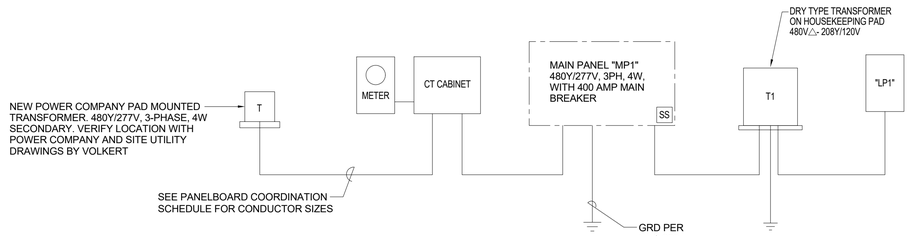
LIGHTING FIXTURE SCHEDULE

MARK	BASIS OF DESIGN MANUFACTURER AND CATALOG No.	LAMPS	MOUNTING	REMARKS
BP	H.E. WILLIAMS # EMER/LED-WHT-D-277V	1.8W LED	SURFACE - WALL	EMERGENCY LIGHTING UNIT. PROVIDE WITH EMERGENCY BATTERY BACKUP.
LWB	PHILLIPS #LPL-S-4L53-40K-UNV-F1	53W LED	SURFACE - WALL	1x4 LED VANDAL-RESISTANT, LOW-PROFILE, LINEAR FIXTURE 4000K, 3500 LUMENS
LVR	PHILLIPS #LPL-S-4L53-40K-UNV-F1	53W LED	SURFACE - CEILING	1x4 LED VANDAL-RESISTANT, LOW-PROFILE, LINEAR FIXTURE 4000K, 3500 LUMENS
SL	H.E. WILLIAMS # L60-L20C-835-CS-W-WET/CC-AC/CAL/DRV/UNV	26W LED	RECESSED	LISTED FOR WET LOCATIONS .
WB	H.E. WILLIAMS # VWPH-L30-740-T3-SDGL-DIM-UNV	36W LED	SURFACE - WALL	HORIZONTAL LED WALL PACK, TYPE III DISTRIBUTION 4000K, 3000 LUMENS, WET LOCATION LISTED

NOTES:
1. SUBSTITUTIONS BY ACUITY, HUBBELL, OR COOPER SHALL BE SUBMITTED TO THE ENGINEER 10 DAYS PRIOR TO BID FOR PRIOR APPROVAL.

ELECTRICAL LEGEND - NEW WORK

- NOMINAL 1'X4' VANDAL RESISTANT LED LIGHT FIXTURE, MARK 'LVR', TYPICAL
- LED WALL MOUNTED LIGHT FIXTURE. SEE ARCHITECTURAL FOR MOUNTING HEIGHT
- EMERGENCY LIGHT FIXTURE WITH BATTERY BACKUP UNIT
- $ — SINGLE POLE LIGHTING SWITCH, MOUNT 46" AFF
- $_{VS} — DUAL TECHNOLOGY VACANCY SENSOR WALL MOUNTED LIGHTING SWITCH. SENSOR SWITCH LINE VOLTAGE #WSD-PDT. MOUNT 46" AFF
- $_{OS} — DUAL TECHNOLOGY OCCUPANCY SENSOR WALL MOUNTED LIGHTING SWITCH. SENSOR SWITCH LINE VOLTAGE #WSD-PDT. MOUNT 46" AFF
- (OS) — DUAL TECHNOLOGY CEILING MOUNTED MOTION SENSOR. SENSOR SWITCH #CM-PDT-9-R. PROVIDE POWER PACK. PROVIDE WIRING IN CONDUIT FROM SENSOR TO POWER PACK PER MANUFACTURER'S RECOMMENDATIONS.
- [PP] — DUAL VOLTAGE POWER PACK MOUNTED ABOVE CEILING IN NEMA 1 ENCLOSURE. POWER PACK SHALL BE SENSOR SWITCH #PP-20. PROVIDE WIRING IN CONDUIT FROM POWER PACK TO ALL SENSORS IN SAME ROOM PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE ACCESS PANELS IN AREAS WITH HARD CEILING TYPES.
- DUPLEX RECEPTACLE MOUNT 18" AFF UNLESS NOTED OTHERWISE
- GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE, MOUNTING HEIGHT AS NOTED
- GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE WITH WEATHERPROOF COVER
- $_{M} — MOTOR RATED SWITCH
- SURFACE MOUNTED POWER PANELBOARD
- NON-FUSED DISCONNECT SWITCH
- [TC] [LC] — TIME AND LIGHTING CONTACTOR IN NEMA 1 ENCLOSURE FOR CONTROL OF EXTERIOR LIGHTING
- CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALLS
- CONDUIT RUN BELOW GRADE OR IN SLAB.
- CONDUIT RUN EXPOSED PERPENDICULAR OR PARALLEL TO BUILDING LINES
- HOMERUN TO PANELBOARD ANY CIRCUIT WITHOUT FURTHER DESIGNATION 2#12, 1#12 GRD 1/2"C, ~~#8~~ 3#12, 1#12 GRD, 1/2"C, ETC.



POWER RISER DIAGRAM

SCALE: NONE

PANELBOARD COORDINATION SCHEDULE (RESTROOM BLDG – PH II)

MARK	TYPE	MOUNTING	VOLTAGE	PH	WIRE	MAIN	SERVICE RATED	KAIC RATING	PH BUS RATING	N BUS RATING	C/B TYPE	FEEDER			INTEGRAL TVSS
												CONDUCTORS	GROUND	CONDUIT	
MP1	NEMA 1	SURFACE	480Y/277	3	4	400	YES	42	400	400	BOLT-ON	4#600	NONE	4"C	YES
LP1	NEMA 1	SURFACE	208Y/120	3	4	100	NO	10	225	225	BOLT-ON	4#1	#6	1 1/2"C	NO
NOTE	ALL BUSSING COPPER, INCLUDING NEUTRAL AND GROUND.														
	ALL PANEL LUGS 100 AMPS AND GREATER SHALL BE COPPER.														
	ALL LUGS ON CIRCUIT BREAKERS GREATER THAN 400 AMPS SHALL BE COPPER.														
	ALL PANELBOARD CABINETS SHALL BE DOOR IN DOOR CONSTRUCTION WITH FACTORY WELDED METAL CIRCUIT DIRECTORY HOLDERS.														
	* MINIMUM EQUIPMENT RATING. ALL EQUIPMENT SHALL BE FULLY RATED. SERIES RATINGS SHALL NOT BE ALLOWED.														
	** AVAILABLE RMS SYMMETRICAL FAULT CURRENT IN kA AT PANEL.														

TRANSFORMER SCHEDULE (RESTROOM BLDG – PH II)

MARK	PRIMARY VOLTAGE	SECONDARY VOLTAGE	PHASE	WIRE	KVA	PRIMARY FEEDER SIZE	SIZE GROUND TO 3/4" x 10' GROUND ROD	SIZE GND TO FOUNDATION REBAR, WATER & BLDG STEEL
T1	480	208Y/120	3	4	30	3#6,#8G, 1"C	#8	#8

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Rev.	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

ELECTRICAL LEGEND, SCHEDULES AND DETAILS

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Office: 850-444-0076 • Fax: 850-444-0078 • E-mail: scott@adamscei.com
SCOTT A. ADAMS, P.E. FL LICENSE No. 57949 • CA No. 29311

Designed by:	SAA
Drawn by:	SAA
Reviewed by:	SAA
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Chkd by:	SAA
Date:	2022-11-22
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Print scale:	1:1 (D SHEET)

SANTA ROSA COUNTY
6495 CAROLINE ST.
MILTON, FL 32570

SEAL

PERMIT SET
ISSUED: 2022-11-22

Sheet Reference No.
E-001

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

PANELBOARD SCHEDULE

MARK: **MAIN PANEL "MP1" (480Y/277 VOLT, 3 PH, 4W, 400A MAIN BREAKER IN RESTROOM BLDG - PH II)**

CKT No.	LOAD DESCRIPTION	BREAKER P	BREAKER TRIP	PHASE (kVA) A	PHASE (kVA) B	PHASE (kVA) C	PHASE (kVA) A	PHASE (kVA) B	PHASE (kVA) C	BREAKER TRIP	BREAKER P	LOAD DESCRIPTION	CKT No.
1	SPORTS LIGHTING POLE 'F1'	3	*20	0.60			6.84			45	3	PANEL 'LP1'	2
3	-	-	-		0.60			5.06		-	-	(VIA TFMR T1)	4
5	-	-	-			0.60			4.04	-	-	-	6
7	SPORTS LIGHTING POLE 'F2'	3	*20	0.60			0.90			*30	3	SPORTS LIGHTING POLE 'F7'	8
9	-	-	-		0.60			0.90		-	-	-	10
11	-	-	-			0.60			0.90	-	-	-	12
13	SPORTS LIGHTING POLE 'F3'	3	*20	0.60			0.90			*30	3	SPORTS LIGHTING POLE 'F8'	14
15	-	-	-		0.60			0.90		-	-	-	16
17	-	-	-			0.60			0.90	-	-	-	18
19	SPORTS LIGHTING POLE 'F4'	3	*20	0.60			0.60			*30	3	SPORTS LIGHTING POLE 'F9'	20
21	-	-	-		0.60			0.60		-	-	-	22
23	-	-	-			0.60			0.60	-	-	-	24
25	SPORTS LIGHTING POLE 'F5'	3	*20	0.90			0.60			*30	3	SPORTS LIGHTING POLE 'F10'	26
27	-	-	-		0.90			0.60		-	-	-	28
29	-	-	-			0.90			0.60	-	-	-	30
31	SPORTS LIGHTING POLE 'F6'	3	*20	0.9			0.60			*30	3	SPORTS LIGHTING POLE 'F11'	32
33	-	-	-		0.9			0.60		-	-	-	34
35	-	-	-			0.9			0.60	-	-	-	36
37	SPARE	3	70				0.60			*30	3	SPORTS LIGHTING POLE 'F12'	38
39	-	-	-					0.60		-	-	-	40
41	-	-	-						0.60	-	-	-	42
				4.2	4.2	4.2	11.0	9.3	8.2				

TOTAL (kVA) A: 15.2 B: 13.5 C: 12.4 HIGH PHASE (AMPS) 55.0

TOTAL CONNECTED LOAD (kVA) 41.14 TOTAL LOAD (AMPS) 49.5

CIRCUIT & CIRCUIT BREAKER NOTES:

* VERIFY C.B. RATING, LOAD, CIRCUIT SIZE, ETC WITH UTILITY/SITE ELECTRICAL DRAWINGS BY VOLKERT PRIOR TO RELEASING PANELS.

PANELBOARD SCHEDULE

MARK: **PANEL "LP1" (208Y/120V, 3PH, 4W, 100A M.B. IN RESTROOM BLDG - PH II)**

CKT No.	LOAD DESCRIPTION	BREAKER P	BREAKER TRIP	PHASE (kVA) A	PHASE (kVA) B	PHASE (kVA) C	PHASE (kVA) A	PHASE (kVA) B	PHASE (kVA) C	BREAKER TRIP	BREAKER P	LOAD DESCRIPTION	CKT No.
1	LIGHTS - INDOOR	1	20	1.20			0.54			20	1	RECEPTS - RM 104	2
3	LIGHTS - BLDG MTD EXT	1	20		0.50			0.36		20	1	RECEPTS - RM 103,OUTDOOR\	4
5	EUH-1	2	**30			2.50			0.54	20	1	RECEPTS - RM 101,102,OTDR	6
7	-	-	-	2.50			0.60			20	1	RECEPTS - EWC	8
9	EUH-2	2	**15		1.00			1.20		**25	1	EWH-1	10
11	-	-	-			1.00				20	2	SPARE	12
13	EUH-3	2	**25	2.00						-	-	-	14
15	-	-	-		2.00					20	1	SPARE	16
17	SPARE	1	20							20	1	SPARE	18
19	SPARE	1	20							20	1	SPARE	20
21	SPARE	1	20							20	1	SPARE	22
23	SPARE	1	20							20	1	SPARE	24
25	SPACE	1	20							20	1	SPACE	26
27	SPACE	1	20							20	1	SPACE	28
29	SPACE	1	20							20	1	SPACE	30
				5.7	3.5	3.5	1.1	1.6	0.5				

TOTAL (kVA) A: 6.84 B: 5.06 C: 4.04 HIGH PHASE (AMPS) 57.0

TOTAL CONNECTED LOAD (kVA) 15.94 TOTAL LOAD (AMPS) 44.2

CIRCUIT & CIRCUIT BREAKER NOTES:

** VERIFY C.B. RATING WITH ACTUAL EQUIPMENT PROVIDED.

MECHANICAL EQUIPMENT ELECTRICAL SCHEDULE (RESTROOM BLDG – PH II)

MARK	ITEM	VOLTAGE/ PHASE	MCA	LOAD (kVA)	WIRING	PANEL FED FROM	CIRCUIT BREAKER	DISCONNECT	NOTES
EUH-1	ELECTRIC UNIT HEATER	208/1	30.0	5.00	2#10,#10G,1/2"C	LP1	30/2	30/2	2
EUH-2	ELECTRIC UNIT HEATER	208/1	12.0	2.00	2#12,#12G,1/2"C	LP1	15/2	30/2	2
EUH-3	ELECTRIC UNIT HEATER	208/1	24.0	4.00	2#10,#10G,1/2"C	LP1	25/2	30/2	2
EF-1	EXHAUST FAN	120/1	2.0	0.20	2#12,#12G,1/2"C	LP1	20/1	20/1	3
EF-2	EXHAUST FAN	120/1	1.0	0.10	2#12,#12G,1/2"C	LP1	20/1	20/1	3
EF-3	EXHAUST FAN	120/1	1.0	0.10	2#12,#12G,1/2"C	LP1	20/1	20/1	3
EWH-1	ELECTRIC WATER HEATER	120/1	21.0	2.00	2#10,#10G,1/2"C	LP1	25/1	30/1	1
NOTES	1. PROVIDE NEMA 1 DISCONNECT. VERIFY RATING WITH EQUIPMENT PROVIDED.								
	2. PROVIDE NEMA 3R DISCONNECT. VERIFY RATING WITH EQUIPMENT PROVIDED.								
	3. PROVIDE 20/1 MOTOR RATED TOGGLE SWITCH DISCONNECTAT EF AND CONNECT TO LIGHTING CIRCUIT CONTROLLED BY OCCUPANCY SENSORS. VERIFY CONTROLS WITH MECHANICAL.								

PERMIT SET
ISSUED: 2022-11-22

SANTA ROSA COUNTY, FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

SCHEDULES

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SANTA ROSA COUNTY
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MILTON, FL 32570

Designed by:	Cad by:	Drawing code:	Rev:
SAA	SAA		
Dwn by:		**Date:**	
SAA		2022-11-22	
Reviewed by:		**M&N Project No.**	
SAA		202000	
Submitted by:		**Drawing Scale:**	
SUBMITTER'S NAME MOFFATT & NICHOL		**Plot scale:** 1:1 (0 SHEET)	

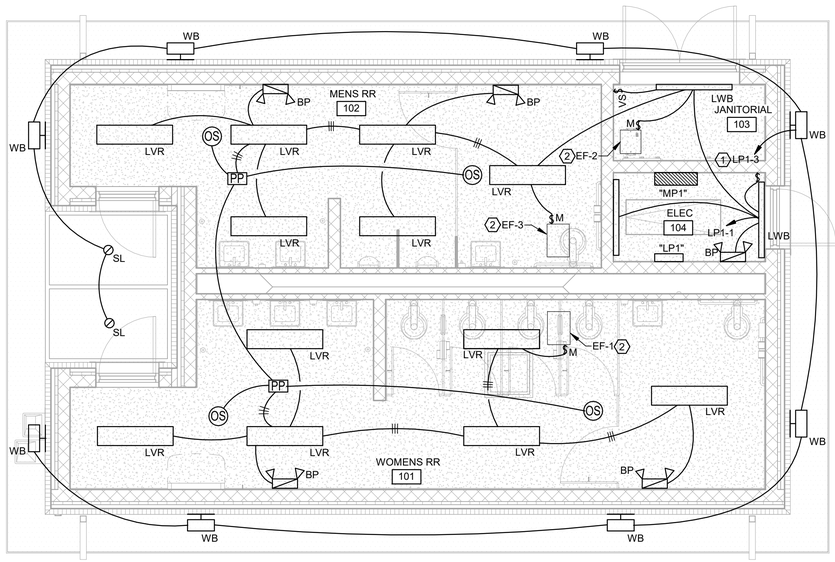
SEAL

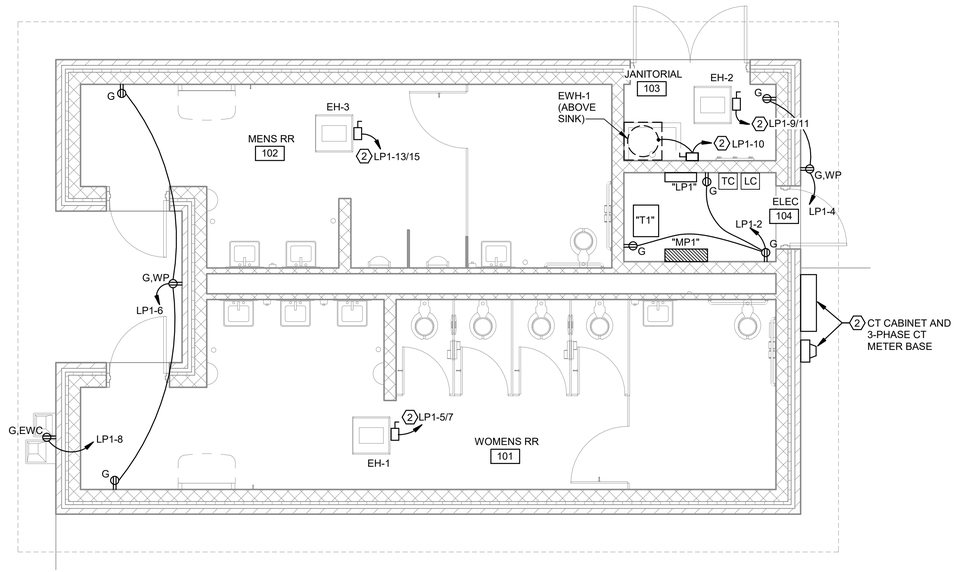
Sheet Reference No.

E-002

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING





PLAN NORTH 1 E-101

LIGHTING PLAN

1/4" = 1'-0"

KEY NOTES:

1. ROUTE EXTERIOR LIGHTING CIRCUIT THROUGH CONTACTOR WITH TIME CLOCK CONTROL. PROVIDE 20A/2P LIGHTING CONTACTOR AND 7-DAY/24-HOUR PROGRAMMABLE DIGITAL TIME CLOCK ADJACENT TO PANEL "LP1".
2. SEE "MECHANICAL EQUIPMENT ELECTRICAL SCHEDULE" FOR ELECTRICAL REQUIREMENTS.

PLAN NORTH 2 E-101

POWER & SIGNAL PLAN

1/4" = 1'-0"

KEY NOTES:

1. PROVIDE CT CABINET AND 3-PHASE CT METER. VERIFY ALL REQUIREMENTS, LOCATION ETC. WITH FLORIDA POWER AND LIGHT (FPL) PRIOR TO CONSTRUCTION. SERVICE CONDUCTORS FROM CT CABINET TO MAIN POWER PANEL "MP1" SHALL BE ROUTED UNDERGROUND (BELOW SLAB) UNLIT ENTERING MAIN PANEL "MP1".
2. SEE "MECHANICAL EQUIPMENT ELECTRICAL SCHEDULE" FOR ELECTRICAL REQUIREMENTS.

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

PERMIT SET
ISSUED: 2022-11-22

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

SANTA ROSA COUNTY, FLORIDA
IN GOD WE TRUST

Mark	Description	Date	Appr

SOUTH SANTA ROSA COUNTY SPORTS COMPLEX AT PSC

LIGHTING, POWER AND SIGNAL PLANS

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Designed by:	SAA
Drawn by:	SAA
Reviewed by:	SAA
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	2022-11-22
Cad by:	SAA
M&N Project No.	202000
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev:	

SEAL

Sheet Reference No.

E-101

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