

1. GENERAL PROJECT INFORMATION

a. PROJECT INFORMATION SUMMARY

NAME OF PROJECT:	GULF COAST CENTER FOR ECOTOURISM & SUSTAINABILITY
PROPOSED USE:	BUSINESS
LOCATION:	1650 ECO TRAIL GULF SHORES, ALABAMA 35203
CLIMATE ZONE:	2
SPECIAL CONSIDERATIONS:	N/A

b. OWNER INFORMATION

OWNER:	CITY OF GULF SHORES
CONTACT PERSON:	DANIEL BOND, ENVIRONMENTAL & GRANTS MANAGER
TELEPHONE:	251.968.9825

c. APPLICABLE CODES

- 2021 INTERNATIONAL BUILDING CODE
- 2021 INTERNATIONAL MECHANICAL CODE
- 2018 INTERNATIONAL PLUMBING CODE
- 2021 INTERNATIONAL FUEL GAS CODE
- 2021 INTERNATIONAL FIRE CODE
- 2020 NATIONAL ELECTRICAL CODE (NFPA 70)
- 2021 INTERNATIONAL ENERGY CONSERVATION CODE
- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

d. OCCUPANCY / CONSTRUCTION TYPE

OCCUPANCY CLASSIFICATION:	MIXED OCCUPANCY	IBC SECTION 302
	BUSINESS (GROUP B)	
	ASSEMBLY (GROUP A-3)	(MOST RESTRICTIVE)
CONSTRUCTION TYPE:	TYPE VB	IBC SECTION 602
AUTOMATIC SPRINKLER SYSTEM:	NO	IBC SECTION 903

2. GENERAL BUILDING HEIGHTS AND AREAS (CHAPTER 5)

ALLOWABLE AREAS:	A-3 = 6,000 SF (NOT SPRINKLED) B = 9,000 SF (NOT SPRINKLED)	IBC TABLE 506.2
ALLOWABLE HEIGHT ABOVE GRADE: (TYPE VB)	A, B = 40 FT; ACTUAL HT. XX FT	IBC TABLE 504.3
ALLOWABLE NUMBER OF STORIES: (TYPE VB)	A-3 = 1 STORY; ACTUAL 1-STORY B = 2 STORIES; ACTUAL 1-STORY	IBC TABLE 504.4
PROJECT AREAS	REFER TO SHEET G010 LIFE SAFETY FOR OVERALL & INDIVIDUAL BUILDING AREAS.	IBC SECTION 508.4.2

3. TYPES OF CONSTRUCTION (CHAPTER 6)

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (IBC TABLE 601)

STRUCTURAL ELEMENT	TYPE VB RATING (HRS)	TYPICAL STRUCTURAL MEMBER	UL DESIGN
PRIMARY STRUCTURAL FRAME	0	WOOD STUD FRAME	N/A
BEARING WALLS			
EXTERIOR	0	WOOD STUD	UL NO. U425
INTERIOR	0	WOOD STUD	
NONBEARING WALLS AND PARTITIONS			
EXTERIOR	SEE TABLE 602	WOOD STUD	N/A
NONBEARING WALLS AND PARTITIONS			
INTERIOR	0	WOOD STUD	N/A
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	0	SLAB ON GRADE	N/A
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	0	WOOD TRUSS	N/A

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPERATION DISTANCE (IBC TABLE 705.5)

FIRE SEPERATION DISTANCE = X (FEET)	TYPE OF CONSTRUCTION	OCCUPANCY GROUP H	OCCUPANCY GROUP F-1, M, S-1	OCCUPANCY GROUP A, B, E, F-2, I, R, S-2, U
X ≥ 30	VB	0	0	0
10 ≤ X < 30		1	0	0
(SEE LIFE SAFETY FOR SEPERATION DISTANCES)				

4. FIRE AND SMOKE PROTECTION FEATURES (CHAPTER 7)

MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION (IBC TABLE 705.8)

FIRE SEPARATION DISTANCE (FEET)	DEGREE OF OPENING PROTECTION	ALLOWABLE AREA	PROVIDED (SEE LIFE SAFETY PLAN)
20 TO LESS THAN 25	UNPROTECTED, NONSPRINKLERED	45%	
	UNPROTECTED, SPRINKLERED	NO LIMIT	
	PROTECTED	NO LIMIT	
30 OR GREATER	UNPROTECTED, NONSPRINKLERED	NO LIMIT	N/A
	UNPROTECTED, SPRINKLERED	NO LIMIT	
	PROTECTED	NO LIMIT	

a. FIRE WALLS

NOT APPLICABLE	IBC SECTION 706
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b. VERTICAL OPENINGS

NOT APPLICABLE	IBC SECTION 712
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c. SHAFT ENCLOSURES

NOT APPLICABLE	IBC SECTION 713
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d. PENETRATIONS

NOT APPLICABLE	IBC SECTION 714
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OPENING FIRE PROTECTION ASSEMBLIES, RATING AND MARKINGS (IBC TABLE 716.1[2])								
TYPE OF ASSEMBLY	REQUIRED WALL ASSEMBLY RATING	MINIMUM FIRE DOOR AND FIRE SHUTTER ASSEMBLY RATING	DOOR VISION PANEL SIZE	FIRE-RATED MARKING DOOR VISION PANEL	MINIMUM SIDELIGHT TRANSOM ASSEMBLY RATING		FIRE-RATED GLAZING MARKING SIDELIGHT/TRANSOM PANEL	
					FIRE PROTECTION	FIRE RESISTANCE	FIRE PROTECTION	FIRE RESISTANCE
EXTERIOR WALLS	0	N/A	MAX SIZE TESTED	N/A	N/A	N/A	N/A	N/A

FIRE WINDOW ASSEMBLY FIRE PROTECTION RATINGS (IBC TABLE 716.1[3])

TYPE OF WALL ASSEMBLY	REQUIRED WALL ASSEMBLY RATING (hours)	MINIMUM FIRE WINDOW ASSEMBLY RATING (hours)	FIRE-RATED GLAZING MARKING
EXTERIOR WALLS	N/A	N/A	N/A

5. MEANS OF EGRESS (CHAPTER 10)

REFER TO SHEET G010 LIFE SAFETY FOR OCCUPANT LOADS AT EACH BUILDING.

a. OCCUPANT LOAD FACTORS	
SMALL ASSEMBLY SPACES	1. A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES WITH AN OCCUPANT LOAD OF LESS THAN 50 PERSONS AND ACCESSORY TO ANOTHER OCCUPANCY SHALL BE CLASSIFIED AS A GROUP B OCCUPANCY OR AS PART OF THAT OCCUPANCY. 2. A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES THAT IS LESS THAN 750 SQUARE FEET IN AREA AND ACCESSORY TO ANOTHER OCCUPANCY SHALL BE CLASSIFIED AS A GROUP B OCCUPANCY OR AS PART OF THAT OCCUPANCY.

b. MEANS OF EGRESS SIZING

STAIRWAYS	OCCUPANT LOAD X .3 (inches) = REFER SHEET G010 FOR COMPONENT SIZING AT EACH BUILDING	IBC SECTION 1005
OTHER EGRESS COMPONENTS	OCCUPANT LOAD X .2 (inches) = REFER SHEET G010 FOR COMPONENT SIZING AT EACH BUILDING	IBC SECTION 1005.3.2

c. NUMBER OF EXITS AND EXIT ACCESS DOORWAYS

EGRESS BASED ON OCCUPANT LOAD & COMMON PATH OF EGRESS TRAVEL DISTANCE	TWO EXITS OR EXIT ACCESS DOORWAYS FROM ANY SPACE SHALL BE PROVIDED WHERE THE DESIGN OCCUPANT LOAD OR THE COMMON PATH OF EGRESS TRAVEL DISTANCE EXCEEDS THE VALUES LISTED IN TABLE 1006.2.1	IBC SECTION 1006
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SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY (IBC TABLE 1006.2.1)

OCCUPANCY	MAXIMUM OCCUPANT LOAD OF SPACE	MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE (feet)		WITH SPRINKLER SYSTEM (feet)
		WITHOUT SPRINKLER SYSTEM (feet)	OCCUPANT LOAD	
ASSEMBLY	49	75	OL ≤ 30	75
			OL ≥ 30	
BUSINESS	49	100	75	100

MINIMUM NUMBER OF EXITS OR ACCESS TO EXITS PER STORY (IBC TABLE 1006.3.3)

OCCUPANT LOAD PER STORY	MINIMUM NUMBER OF EXITS OR ACCESS TO EXITS FROM STORY
1-500	2

d. EXIT AND EXIT ACCESS DOORWAY CONFIGURATION

TWO EXITS OR EXIT ACCESS DOORWAYS	WHERE TWO EXITS ARE REQUIRED FROM ANY PORTION OF THE EXIT ACCESS, THEY SHALL BE PLACED A DISTANCE APART EQUAL TO NOT LESS THAN ONE-HALF OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE BUILDING OR AREA TO BE SERVED MEASURED IN A STRAIGHT LINE BETWEEN THEM.	IBC SECTION 1007
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5. MEAN OF EGRESS (CONT.)

e. DOORS, GATES, & TURNSTILES		IBC SECTION 1010	
HORIZONTAL PROJECTIONS	NO DOOR SHALL PROJECT MORE THAN 4" INTO THE REQUIRED WIDTH OF AN AISLE, PASSAGEWAY OR LANDING WHEN FULLY OPEN.	IBC 1003.3.3	
SIZE OF DOORS	EGRESS DOOR OPENINGS SHALL BE MINIMUM 32" CLEAR WIDTH.	IBC 1010.1.1	
DOOR SWING	PIVOT OR SIDE-HINGED SWINGING DOORS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING A ROOM OR AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS.	IBC 1010.1.2.1	
f. STAIRWAYS	NOT APPLICABLE		IBC SECTION 1011
h. RAMPS	NOT APPLICABLE		IBC SECTION 1012
MAX SLOPE IN DIRECTION OF TRAVEL	1:12	IBC 1012.2	
MAXIMUM CROSS SLOPE	1:48	IBC 1012.3	
MAX VERTICAL RISE FOR SINGLE RAMP RUN	30"	IBC 1012.4	
RAMPS STEEPER THAN 1:20 SHALL BE PROVIDED WITH HANDRAILS ALONG BOTH SIDES.			
i. CORRIDORS		IBC SECTION 1020	
MAXIMUM TRAVEL DISTANCES	A-3, B (WITHOUT SPRINKLER SYSTEM)	200 FT	IBC TABLE 1017.2
CORRIDOR FIRE RESISTANCE RATING	A-3, B (OCC LOAD > 30 WITHOUT SPRINKLER SYSTEM)	1 HOUR	IBC TABLE 1020.2
MINIMUM CORRIDOR WIDTH SERVING 50 PEOPLE OR MORE		44 IN	IBC TABLE 1020.3
MINIMUM CORRIDOR WIDTH WITH AN OCC LOAD OF LESS THAN 50		36 IN	IBC TABLE 1020.3
MAXIMUM DEAD END CORRIDOR		20 FT	IBC 1020.5

6. INTERIOR FINISHES (CHAPTER 8)

GROUP	SPRINKLERED				NONSPRINKLERED	
	EXIT ENCLOSURES & EXIT ACCESS PASSAGEWAYS	CORRIDORS	ROOMS AND ENCLOSED SPACES	EXIT ENCLOSURES & EXIT ACCESS PASSAGEWAYS	CORRIDORS	ROOMS AND ENCLOSED SPACES
A-3	B	B	C	A	A	C
B	B	C	C	A	B	C

7. FIRE PROTECTION SYSTEMS (CHAPTER 9)

a. AUTOMATIC SPRINKLERS		IBC SECTION 903	
ASSEMBLY (A-3)	NOT REQUIRED		IBC SECTION 903.2.1.3
	1. FIRE AREA DOES NOT EXCEED 12,000 SF		
	2. OCCUPANT LOAD IS LESS THAN 300.		
BUSINESS (B)	NOT REQUIRED		IBC SECTION 903.2
	1. FIRE AREA DOES NOT EXCEED 18,000 SF		
	2. BUILDINGS WITH FLOOR LEVEL ≥ 55 FEET ABOVE FIRE DEPARTMENT VEHICLE ACCESS		
3. OCCUPANT LOAD IS ≥ 30 OCC			
b. STANDPIPE SYSTEMS		IBC SECTION 905	
NOT APPLICABLE			
c. PORTABLE FIRE EXTINGUISHERS		IBC SECTION 906	
WHERE REQUIRED	1. IN GROUP A, B, E, F, H, I, M, R-1, R-2, R-4 AND S OCCUPANCIES.		
	2. WITHIN 30 FEET OF COMMERCIAL COOKING EQUIPMENT		
FIRE EXTINGUISHER FOR CLASS A FIRE HAZARDS		IBC TABLE 906.3[1]	
HAZARD TYPE	MINIMUM RATED SINGLE EXTINGUISHER	MAXIMUM FLOOR AREA PER UNIT OF A	MAXIMUM FLOOR AREA FOR EXTINGUISHER
LIGHT HAZARD OCCUPANCY	2-A	3,000 SQUARE FEET	11, 250 SQUARE FEET
MAXIMUM DISTANCE OF TRAVEL TO EXTINGUISHER		75 FEET	
d. FIRE ALARMS AND DETECTION SYSTEMS		IBC SECTION 907	
INCLUDED IN DESIGN, REFER ELECTRICAL			
e. FIRE DEPARTMENT ACCESS		IBC SECTION 914	
INCLUDED IN DESIGN, REFER CIVIL			

8. ACCESSIBILITY (CHAPTER 11)

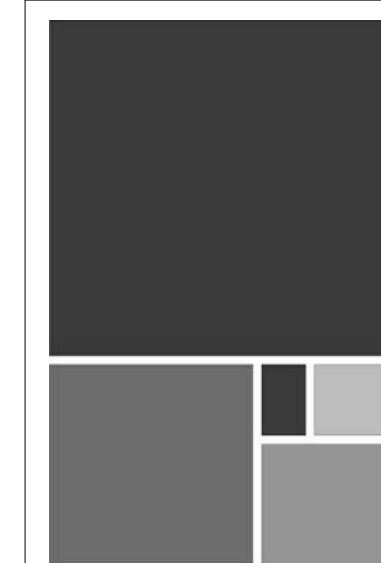
g. SCOPING REQUIREMENTS		IBC SECTION 1103	
WHERE REQUIRED	SITES, BUILDINGS, STRUCTURES, FACILITIES, ELEMENTS AND SPACES, TEMPORARY OR PERMANENT, SHALL BE ACCESSIBLE TO INDIVIDUALS WITH DISABILITIES.	IBC 1103.1	
b. ACCESSIBLE ROUTES		IBC SECTION 1104	
INCLUDED IN DESIGN, REFER TO SHEET G010			
c. ACCESSIBLE ENTRANCES		IBC SECTION 1105	
PUBLIC ENTRANCES	AT LEAST 60 PERCENT OF ALL PUBLIC ENTRANCES SHALL BE ACCESSIBLE.	IBC 1105.1	
d. PARKING AND PASSENGER LOADING FACILITIES		IBC SECTION 1106	
ACCESSIBLE PARKING SPACES			
	TOTAL PARKING SPACES PROVIDED IN PARKING FACILITIES	REQUIRED MINIMUM NUMBER OF ACCESSIBLE SPACES	IBC TABLE 1106.1
REQUIRED	26	2	

OCC CLASS	OCCUPANT LOADS	WATER CLOSETS		LAVATORIES	DRINKING FOUNTAIN	OTHER
		MALE	FEMALE	MALE/FEMALE EACH		
A-3 ASSEMBLY	127	1 PER 125	1 PER 65	1 PER 200	1 PER 500	
		0.51	0.98	0.32 EACH	0.25	1 SERVICE SINK
B BUSINESS	32	1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR REMAINDER	1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE...	1 PER 40 EACH	1 PER 100	
		0.64	0.64	0.4 EACH	0.32	1 SERVICE SINK
TOTAL REQD	159	1.15	1.62	0.72 EACH	0.57	
TOTAL PROVIDED		9	9	6 EACH	5	6 SERVICE SINKS

IBC TABLE 2902.1

OPAQUE THERMAL ENVELOPE INSULATION COMPONENT MINIMUM REQUIREMENTS (IECC TABLE C402.1.3)

BUILDING ELEMENT	MIN. R-VALUE**	R-VALUE PROVIDED	CODE
WALLS - WOOD FRAMED	20	20	2015 IECC - TABLE C402.1.3
ROOF	38	39	2015 IECC - TABLE C402.1.3
FLOORS - SLAB ON GRADE	NOT REQUIRED	0	2015 IECC - TABLE C402.1.3
CLIMATE ZONE	2A, BALDWIN COUNTY		2015 IECC - TABLE 301.1



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GULF COAST CENTER
FOR ECOTOURISM & SUSTAINABILITY
SITE & CIVIL PACKAGE
GULF SHORES, ALABAMA

DATE: MARCH 24, 2023
SHEET NAME: PROJECT INFORMATION
JOB: 19-028.000
CONFORMANCE SET

SHEET NO. G001

PROJECT NOTES:

- THE EXACT LOCATION OF EXISTING STRUCTURES, UTILITIES AND PIPING SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS. THESE DRAWINGS DO NOT PURPORT TO SHOW IN COMPLETE DETAIL ALL EXISTING STRUCTURES, UTILITIES OR PIPING. THE CONTRACTOR SHALL EXAMINE ALL AVAILABLE RECORDS AND MAKE ALL EXPLORATIONS AND EXCAVATIONS AS REQUIRED TO DETERMINE THE LOCATION OF EXISTING STRUCTURES, UTILITIES AND PIPES. THE OWNER RESERVES THE RIGHT TO CHANGE LOCATIONS OF PROPOSED UNDERGROUND UTILITIES TO AVOID CONFLICT WITH EXISTING STRUCTURES, UTILITIES OR PIPING. ANY SIGNIFICANT CHANGES SHALL BE APPROVED BY THE OWNER OR HIS REPRESENTATIVES PRIOR TO PLACEMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE BY HIS EQUIPMENT TO EXISTING UTILITIES, STORM DRAINS, DRAINAGE STRUCTURES PIPES AND HEADWALLS OR OTHER EXISTING SITE FEATURES TO REMAIN, INCLUDING OWNER MATERIAL STORED ON-SITE. ALL DAMAGED ITEMS SHALL BE REPLACED IN LIKE KIND AT NO ADDITIONAL COST TO THE OWNER.
- ALL PROPERTY LINE MARKERS (IRON PINS, CONCRETE MONUMENTS, ETC.) DESTROYED DURING CONSTRUCTION SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF ALABAMA TO RESET PROPERTY MARKERS.
- ALL EXCAVATION, SHORING AND BRACING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL EXPLORE 100 YARDS AHEAD OF ANY PROPOSED PIPING SO ADJUSTMENTS CAN BE MADE IN THE ALIGNMENT OF THE PIPE IN CASE OF CONFLICTS WITH EXISTING STRUCTURES, UTILITIES AND PIPING WITHOUT DELAYING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING FLOWS THROUGH EXISTING PIPING AND STRUCTURES AND DIVERSION OF FLOWS AS NECESSARY DURING CONSTRUCTION UNDER THIS CONTRACT.
- TRAFFIC REGULATIONS AND CONTROL ON AND ADJACENT TO THE PROJECT AREA SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT SOIL, SEDIMENT, AND TURBIDITY FROM WASHING INTO ALL CREEKS, BRANCHES, STREAMS, RIVERS, PRIVATE OR PUBLIC PROPERTY.
- CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DIVERSION OF STORM WATER RUN-OFF ONTO PRIVATE OR PUBLIC PROPERTY BY USE OF TEMPORARY EROSION CONTROL MEASURES, SUCH AS SILT FENCES AND WATTLES.
- CONTRACTOR SHALL REMAIN OUT OF WETLANDS.
- THE CONTRACTOR SHALL NOT DEPOSIT ANY MATERIAL ON PRIVATE OR PUBLIC PROPERTY ADJACENT TO THE PROJECT.
- CONTRACTOR SHALL ADHERE TO MIN. COVER AND CONSTRUCTION LOADING REQUIREMENTS / RESTRICTIONS DURING CONSTRUCTION.
- STORM SEWER PIPE SHALL BE CLASS III R.C.P., UNLESS OTHERWISE NOTED ON PIPE DESCRIPTION.
- ALL STORM PIPE SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS.
- PIPE LENGTHS ARE MEASURED HORIZONTALLY FROM CENTERLINE TO CENTERLINE OF STRUCTURES AND ROUNDED TO THE NEAREST FOOT.
- ALL PIPES ENTERING STORM SEWER STRUCTURES SHALL HAVE A WATERTIGHT CONNECTION AT THE STRUCTURE.
- SEE PLANS FOR BACK FILLING AND COMPACTION REQUIREMENTS FOR TRENCHES.
- CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES AND BE CONSTRUCTED TO SAME. THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S. PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY.
- CONTRACTOR TO ABIDE BY CITY OF GULF SHORES CODE OF ORDINANCES, CHAPTER 14, ARTICLE IV – CONSTRUCTION SITE TRASH, REFUSE, AND DEBRIS.
- CONTRACTOR TO ABIDE BY CITY OF GULF SHORES CODE OF ORDINANCES, CHAPTER 7 – BUILDINGS, CONSTRUCTION AND RELATED ACTIVITIES, ARTICLE 1 – IN GENERAL, SECTIONS 7-19 THROUGH 7-24 – CLAYS AND SAND CLAYS, HAULING AND USING.
- PRE-CAST STRUCTURES MAY BE USED AS APPROVED BY ENGINEER.
- THE EARTHWORK FOR ALL BUILDING FOUNDATIONS, SLAB, PAVEMENT, ETC. SHALL BE IN ACCORDANCE WITH ARCHITECTURAL BUILDING PLANS AND SPECIFICATIONS.
- SIDE SLOPE EXCAVATION SHALL COMPLY WITH THE MINIMUM STANDARDS OUTLINED IN THE OSHA MANUALS.
- CONTRACTOR SHALL MATCH INVERTS OF PIPES AT CONNECTION WITH BUILDING AND SHALL SUPPLY REDUCERS AS NECESSARY.
- AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ASSURING PROVISION OF REFUSE DISPOSAL EQUIPMENT. THE CAPACITY OF SUCH EQUIPMENT, AND ARRANGEMENTS FOR WASTE REMOVAL, SHALL BE SUCH AS TO ENSURE AT ALL TIMES THE SECURE STORAGE OF THE TOTAL VOLUMES OF SOLID WASTE GENERATED ONSITE DURING INTERVALS BETWEEN COLLECTION DATES.
- NO RENTAL TENANT, CONTRACTOR, GUEST, OR OTHER PERSON ENTERING THE PROPERTY MAY DISPOSE OF ANY REFUSE CAPABLE OF ATTRACTING RODENTS EXCEPT WITHIN A TIGHTLY-CLOSED WATER-PROOF, RODENT-PROOF, AND SCAVENGER-PROOF REFUSE CONTAINER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ASSURE THE AVAILABILITY OF SUCH A CONTAINER OR CONTAINERS, IN GOOD REPAIR AND OF SUFFICIENT CAPACITY TO CONTAIN SUCH AMOUNTS OF REFUSE AS MAY ACCUMULATE BETWEEN SCHEDULED PICK-UPS. ALL SUCH CONTAINERS SHALL BE MONITORED TO ENSURE THEY ARE KEPT CLOSED, EXCEPT WHEN WASTE IS BEING DEPOSITED OR REMOVED FOR DISPOSAL. A PROCEDURE SHALL BE ESTABLISHED FOR TIMELY REMOVAL OF REFUSE SO AS TO AVOID EXCEEDING THE CAPACITY OF THE CONTAINERS BETWEEN WASTE REMOVAL INTERVALS. IF ANY CONTAINER BECOMES ALTERED OR DAMAGED SUCH THAT IT IS INCAPABLE OF SUFFICIENTLY TIGHT CLOSURE TO EXCLUDE RODENTS AND/OR SCAVENGERS. IT SHALL BE REPAIRED IMMEDIATELY; OR, IF IRREPARABLY DAMAGED, IT SHALL BE REPLACED WITHIN TWENTY-FOUR HOURS OF DISCOVERY OF DAMAGE.

CZMA PERMIT GENERAL CONDITION NOTE:

- IN THE COURSE OF CONDUCTING THE ACTIVITIES AUTHORIZED HEREIN, THE PERMITTEE OR ITS CONTRACTORS SHALL NOTIFY THE ADEM AND THE STATE HISTORICAL OFFICER OF ANY HISTORICAL, CULTURAL, OR ARCHAEOLOGICAL RESOURCES THAT ARE DISCOVERED.

EROSION CONTROL:

- CONTRACTOR SHALL OBTAIN NPDES REGISTRATION & COMPLY WITH ALL CONDITIONS AND REQUIREMENTS OF THE PERMIT.
- THE CONTRACTOR SHALL PREPARE & MAINTAIN A CONSTRUCTION BEST MANAGEMENT PRACTICES PLAN (SWPPP).
- CONTRACTOR SHALL REFER TO THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS (PROVIDED BY THE ALABAMA SOIL AND WATER CONSERVATION COMMITTEE) FOR DETAILS AND MEASURES REFERRED TO IN THIS PLAN AND THE STORM WATER POLLUTION PREVENTION PLAN.
- THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM SITE AND ASSURING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AT COMPLETION OF CONSTRUCTION.
- EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL DEVICES IN GOOD OPERATING ORDER DURING CONSTRUCTION UNTIL SITE IS STABILIZED. ONCE SITE IS STABILIZED AND PERMANENT GROUND COVER IS ESTABLISHED, CONTRACTOR SHALL REMOVE EROSION CONTROL DEVICES.
- CONTRACTOR SHALL INSURE THAT ALL DRAINAGE STRUCTURES, FLUMES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
- CONTRACTOR SHALL CONSTRUCT AND MAINTAIN EROSION AND SEDIMENT CONTROL DEVICES ON-SITE DURING CONSTRUCTION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS, AS A MINIMUM STANDARD, AND SHALL REMOVE ANY SILT BEYOND THE PROPERTY RESULTING FROM CONSTRUCTION. ADDITIONAL ON-SITE PROTECTION MEASURES MAY BE REQUIRED DURING CONSTRUCTION TO PREVENT SILT FROM LEAVING THE SITE DUE TO UNSEEN CONDITIONS OR ACCIDENTS.
- CONTRACTOR SHALL PROVIDE EROSION AND SEDIMENTATION CONTROL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS, CODES, AND REGULATIONS. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED THROUGHOUT CONSTRUCTION UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
- ~~EROSION CONTROL DEVICES SHOWN ON PLANS ARE MINIMUM REQUIREMENTS. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED TO PREVENT SEDIMENT FROM LEAVING THE SITE AND SHALL BE IMPLEMENTED BY THE CONTRACTOR AS NEEDED DUE TO SITE CONDITIONS.~~
- CONTRACTOR SHALL INSPECT AND REPAIR AS NECESSARY ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL. ADDITIONALLY, CONTRACTOR SHALL INSPECT BMPS WITH AN INFORMAL, DAILY WALK AROUND INSPECTION.
- CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED TO EXISTING IMPROVEMENTS ON SITE OR OFF SITE DUE TO THE CONSTRUCTION OF THIS PROJECT. CONTRACT SHALL REPAIR OR REPLACE ANY DAMAGED EXISTING IMPROVEMENTS AT HIS EXPENSE. REPAIRS SHALL BE EQUAL TO OR BETTER THAN THE EXISTING CONDITIONS.
- EROSION CONTROL DEVICES MAY BE SUBSTITUTED BY OTHER MEANS THAT OPERATE AT LEAST AS WELL AS ONES LISTED, AND AS APPROVED BY ENGINEER.
- BMPS SHALL BE IMPLEMENTED AND MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT TO CONTROL EROSION, SEDIMENT, AND TURBIDITY. THE CONTRACTOR IS RESPONSIBLE FOR ALL INSPECTIONS, MONITORING, AND RECORD KEEPING.
- STOCKPILES ON SITE SHALL BE ENCLOSED WITH A SEDIMENT BARRIER.
- CONCRETE TRUCK WASH OUT SHALL BE PERFORMED IN A PIT AREA OR BERMED AREA AS DESIGNATED BY THE SITE SUPERINTENDENT. HARDENED CONCRETE SHALL BE REMOVED AND DISPOSED AS SOON AS PRACTICABLE AT AN APPROVED OFF-SITE LOCATION IN ACCORDANCE WITH APPLICABLE REGULATIONS INCLUDING, BUT NOT LIMITED TO, BEING DISPOSED OF AT A PROPERLY LICENSED FACILITY.

RECOMMENDED CONSTRUCTION SEQUENCE FOR EROSION CONTROL:

- INSTALL PERIMETER CONTROLS AND CONSTRUCTION ENTRANCE. AT NO TIME SHALL CONTRACTOR ENTER PROPERTY OUTSIDE OF PERIMETER CONTROL.
- BEGIN EXCAVATION OPERATIONS, INSTALL UTILITIES AND STORM PIPES. INSTALL ADDITIONAL INLET PROTECTION AS INLETS AND MANHOLES ARE INSTALLED. UPDATE PERIMETER CONTROLS AS NECESSARY OR AS CONSTRUCTION STAGING CHANGES/PROGRESSES.
- CONSTRUCT FINAL PAVING SECTIONS. REPLACE INLET PROTECTION DEVICES AS SURFACE CONDITIONS CHANGE.
- DENUDED SOIL SURFACES SHALL BE TEMPORARILY SEEDED WITH GRASS OR GRAVEL. IF LEFT EXPOSED FOR MORE THAN 12 DAYS. AREAS NOT TO RECEIVE PAVING, SIDEWALKS OR BUILDING EXPOSED AT GRADE OR NEAR GRADE SHALL NOT BE ALLOWED TO REMAIN EXPOSED TO RAIN AND SHALL BE TREATED WITH GRASS OR GRAVEL.
- FOLLOWING ALL EXCAVATION, UTILITY, STORM DRAINAGE, PAVING OPERATIONS AND INSTALLATIONS, ALL DENUDED SOIL SURFACES SHALL RECEIVE TOPSOIL, FERTILIZER, AND SOD.
- ONCE ALL DENUDED SOIL SURFACES HAVE BEEN ELIMINATED, ALL PERIMETER AND INLET PROTECTION DEVICES SHALL BE REMOVED.

UTILITY NOTES:

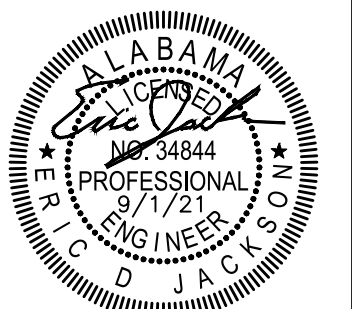
- ALL WATER AND SEWER FEATURES SHALL MEET THE MATERIAL, INSTALLATION AND TESTING REQUIREMENTS OF GULF SHORES UTILITY BOARD.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONNECTION FEES ASSOCIATED WITH NEW WATER AND SEWER FEATURES.
- WATER AND SEWER PLANS INDICATE GENERAL LOCATION OF FEATURES. CONTRACTOR SHALL MAKE MINOR FIELD ADJUSTMENTS TO AVOID SIGNIFICANT TREES OR EXISTING TREE CLUSTERS.

LEGEND

△ C.I.P.F.	INDICATES CAPPED IRON PIN FOUND	GM	INDICATES GAS METER
○ C.I.P.S.	INDICATES CAPPED 5/8" IRON PIN SET	GV	INDICATES GAS VALVE
▲ C.T.I.P.F.	INDICATES CRIMPED TOP IRON PIN FOUND	-G-	INDICATES GAS LINE
△ O.T.I.P.F.	INDICATES OPEN TOP IRON PIN FOUND	GLM	INDICATES GAS LINE MARKER
⊗ REBAR	INDICATES REBAR FOUND	FH	INDICATES FIRE HYDRANT
□ C.M.F.	INDICATES CONCRETE MONUMENT FOUND	WM	INDICATES WATER METER
PP	INDICATES POWER POLE	WV	INDICATES WATER VALVE
GP	INDICATES GUY POLE	-W-	INDICATES WATER LINE
> GUY	INDICATES GUY WIRE	⊙	INDICATES SANITARY SEWER MANHOLE
OHE	INDICATES OVERHEAD ELECTRIC	-SS-	INDICATES SANITARY SEWER LINE
UGE	INDICATES UNDERGROUND ELECTRIC	C.O.P	INDICATES CLEAN OUT
LP	INDICATES LIGHT POLE	SV	INDICATES SEWER VALVE
MP	INDICATES METER POLE	CPD	INDICATES CABLE PEDESTAL
PB	INDICATES POWER BOX	BPO	INDICATES BUMPER POST
/-/-/-/-/-	INDICATES WOODEN FENCE	N/F	NOW OR FORMERLY
o-o-o-o-o	INDICATES CHAIN LINK FENCE	RCP	REINFORCED CONCRETE PIPE
x-x-x-x-x	INDICATES WIRE FENCE	CMP	CORRUGATED METAL PIPE
TP	INDICATES TELEPHONE PEDESTAL	MB	INDICATES MAIL BOX
-T	INDICATES O/H TELEPHONE LINE	□	CLEARING LIMITS
-UGT-	INDICATES UNDERGROUND TELEPHONE LINE	▨	AREA OF ASPHALT REMOVAL
FOCM	INDICATES FIBER OPTIC MARKER	-.-.-	LIMITS OF SAWCUT
⊙	INDICATES STORM WATER MANHOLE		



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NO.	DATE	REVISION
1	NOVEMBER 14, 2023	ISSUE FOR PERMITS
2	JANUARY 11, 2023	REVISED
3	MARCH 24, 2023	REVISED, A.L.E. BID AREA REFERENCE

JOB
20-1101-0049

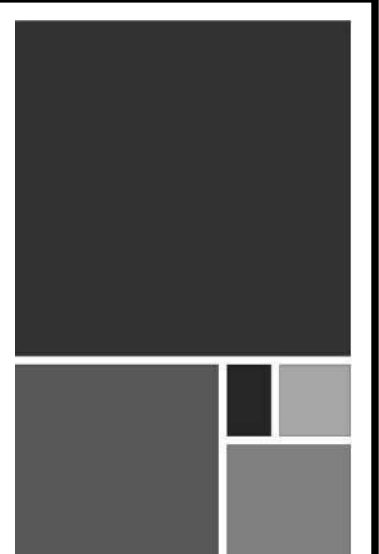
PROJECT STATUS
CONFORMANCE SET

DATE
MARCH 24, 2023

SHEET NAME
GENERAL NOTES AND LEGEND

SHEET NO.
C001

GENERAL NOTES AND LEGEND



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NO.	DATE	DESCRIPTION
1	NOVEMBER 2023	ISSUED FOR PERMITS
2	JANUARY 2024	REVISED
3	MARCH 24, 2023	REVISION: A.L.E. BID AREA REFERENCE

JOB: **20-1101-0049**

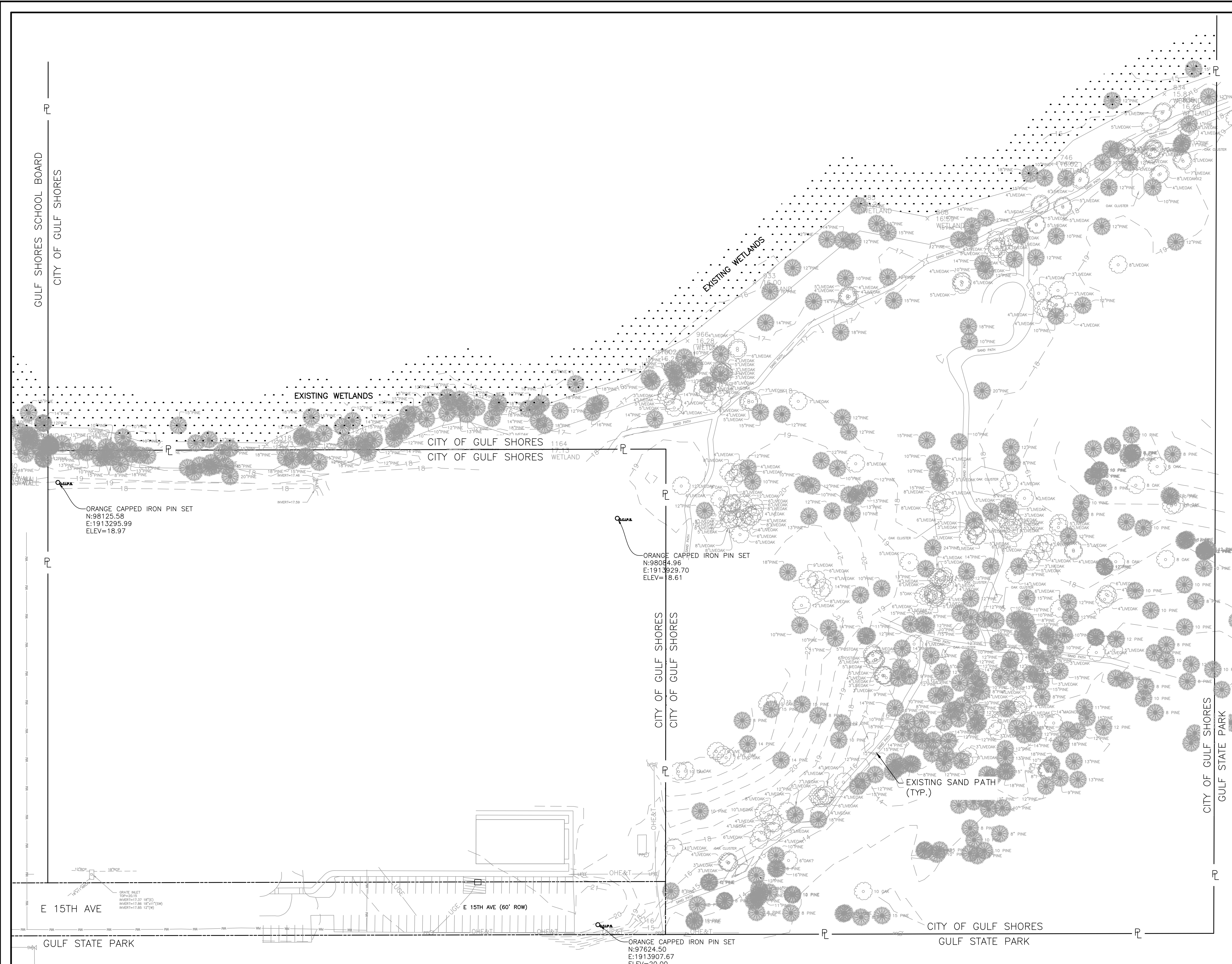
PROJECT STATUS: **CONFORMANCE SET**

DATE: **MARCH 24, 2023**

SHEET NAME: **EXISTING CONDITIONS**

SHEET NO.

C100



GULF SHORES SCHOOL BOARD
CITY OF GULF SHORES

EXISTING WETLANDS

EXISTING WETLANDS

CITY OF GULF SHORES
CITY OF GULF SHORES

CITY OF GULF SHORES
CITY OF GULF SHORES

CITY OF GULF SHORES
GULF STATE PARK

CITY OF GULF SHORES
GULF STATE PARK

ORANGE CAPPED IRON PIN SET
N:98125.58
E:1913295.99
ELEV=18.97

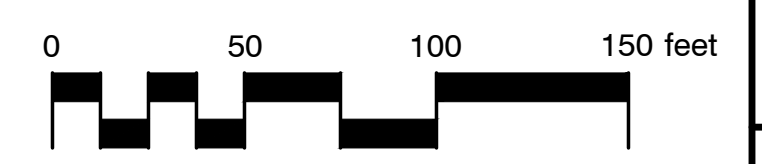
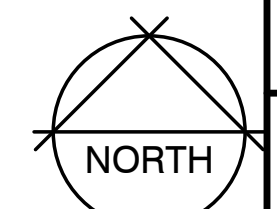
ORANGE CAPPED IRON PIN SET
N:98084.96
E:1913929.70
ELEV= 8.61

ORANGE CAPPED IRON PIN SET
N:97624.50
E:1913907.67
ELEV=20.00

E 15TH AVE

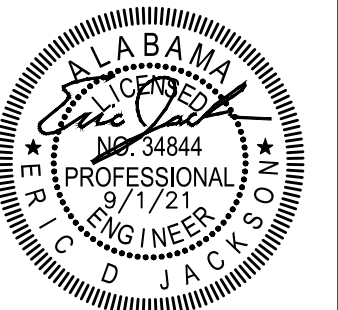
E 15TH AVE (60' ROW)

GULF STATE PARK



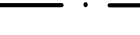


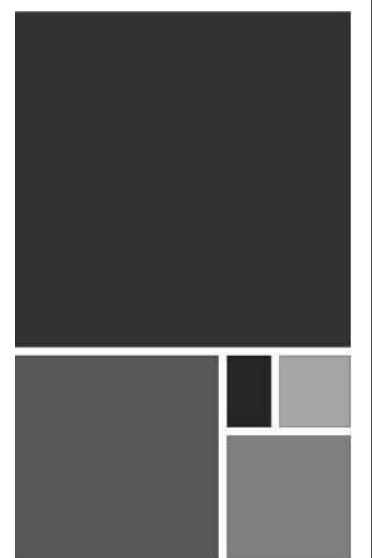
EXISTING CONDITIONS

1" = 50'



SITE LEGEND

-  CLEARING LIMITS
-  AREA OF ASPHALT REMOVAL
-  LIMITS OF SAWCUT



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NO.	DATE	DESCRIPTION
1	JANUARY 12, 2023	ISSUED FOR PERMITS
2	JANUARY 12, 2023	REVISED
3	MARCH 24, 2023	REVISION: A.L.E. BE AREA REFERENCE

JOB: **20-1101-0049**

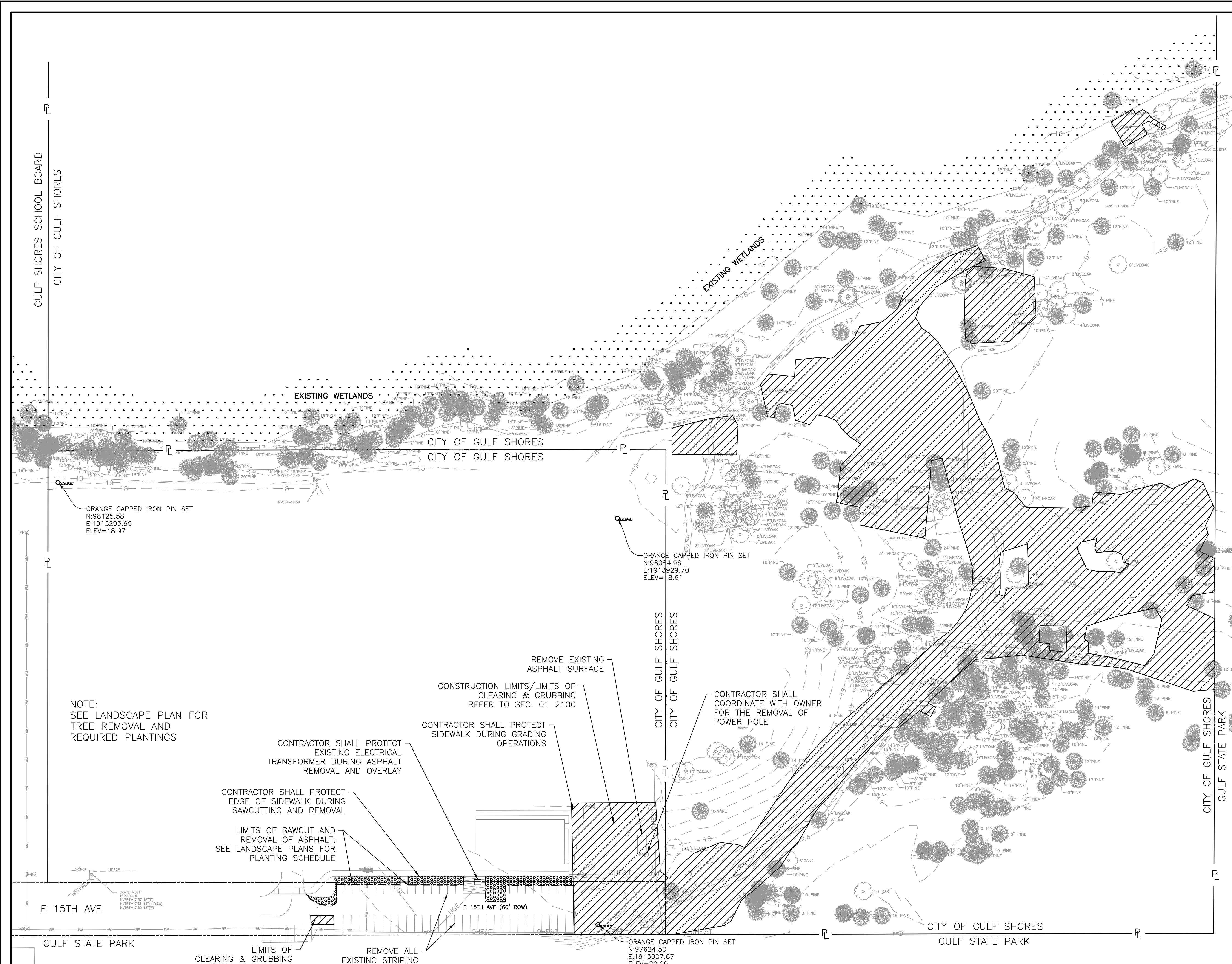
PROJECT STATUS: **CONFORMANCE SET**

DATE: **MARCH 24, 2023**

SHEET NAME: **DEMOLITION AND CLEARING PLAN**

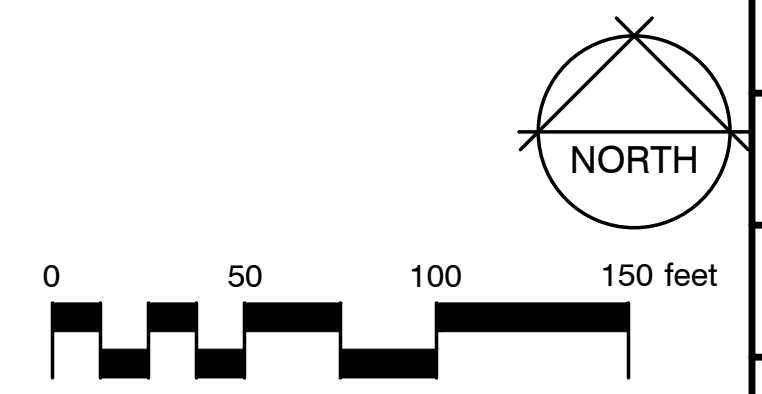
SHEET NO.

C101



NOTE:
SEE LANDSCAPE PLAN FOR
TREE REMOVAL AND
REQUIRED PLANTINGS

- REMOVE EXISTING ASPHALT SURFACE
- CONSTRUCTION LIMITS/LIMITS OF CLEARING & GRUBBING REFER TO SEC. 01 2100
- CONTRACTOR SHALL PROTECT EXISTING ELECTRICAL TRANSFORMER DURING ASPHALT REMOVAL AND OVERLAY
- CONTRACTOR SHALL PROTECT EDGE OF SIDEWALK DURING SAWCUTTING AND REMOVAL
- LIMITS OF SAWCUT AND REMOVAL OF ASPHALT; SEE LANDSCAPE PLANS FOR PLANTING SCHEDULE
- CONTRACTOR SHALL PROTECT SIDEWALK DURING GRADING OPERATIONS
- CONTRACTOR SHALL COORDINATE WITH OWNER FOR THE REMOVAL OF POWER POLE
- REMOVE ALL EXISTING STRIPING



DEMOLITION AND CLEARING PLAN

1" = 50'

SITE LEGEND

- PROPOSED CONCRETE PAVING
- PROPOSED PEDESTRIAN STABILIZED GRAVEL
- PROPOSED VEHICULAR STABILIZED GRAVEL
- PROPOSED ASPHALT
- PROPOSED ASPHALT OVERLAY
- PROPOSED OFFSITE LANDSCAPE AREA
- PROPOSED PARKING SPACE QUANTITY
- EV ELECTRIC VEHICLE SPACE W/ SIGNAGE

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- SITE PLAN NOTES:**
- REFER TO SHEETS C300 THRU C302 FOR GEOMETRIC LAYOUT PLANS AND DIMENSIONS.
 - ALL BUILDING DIMENSIONS SHALL BE COORDINATED WITH THE ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.
 - REFER TO SHEET C400 FOR GRADING AND DRAINAGE PLANS.

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NO.	DATE	DESCRIPTION
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2	JANUARY 2023	REVISED
3	MARCH 24, 2023	REVISED A.L.E. BID AREA REFERENCE

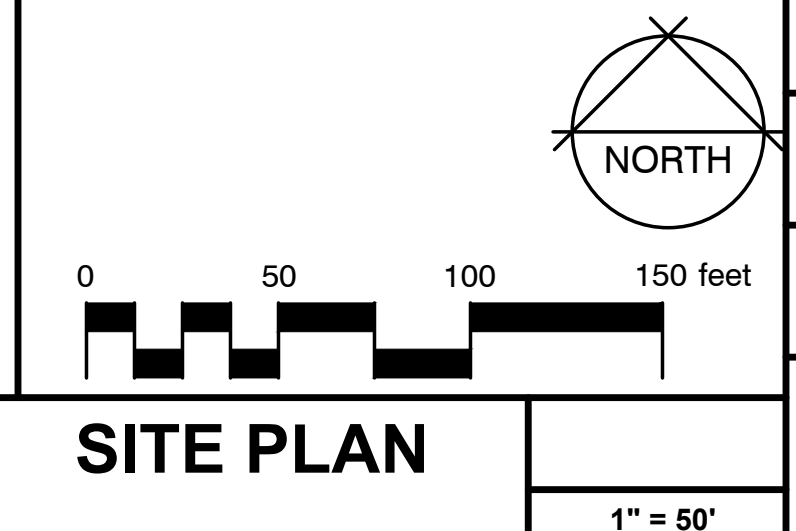
JOB: 20-1101-0049

PROJECT STATUS: CONFORMANCE SET

DATE: MARCH 24, 2023

SHEET NAME: SITE PLAN

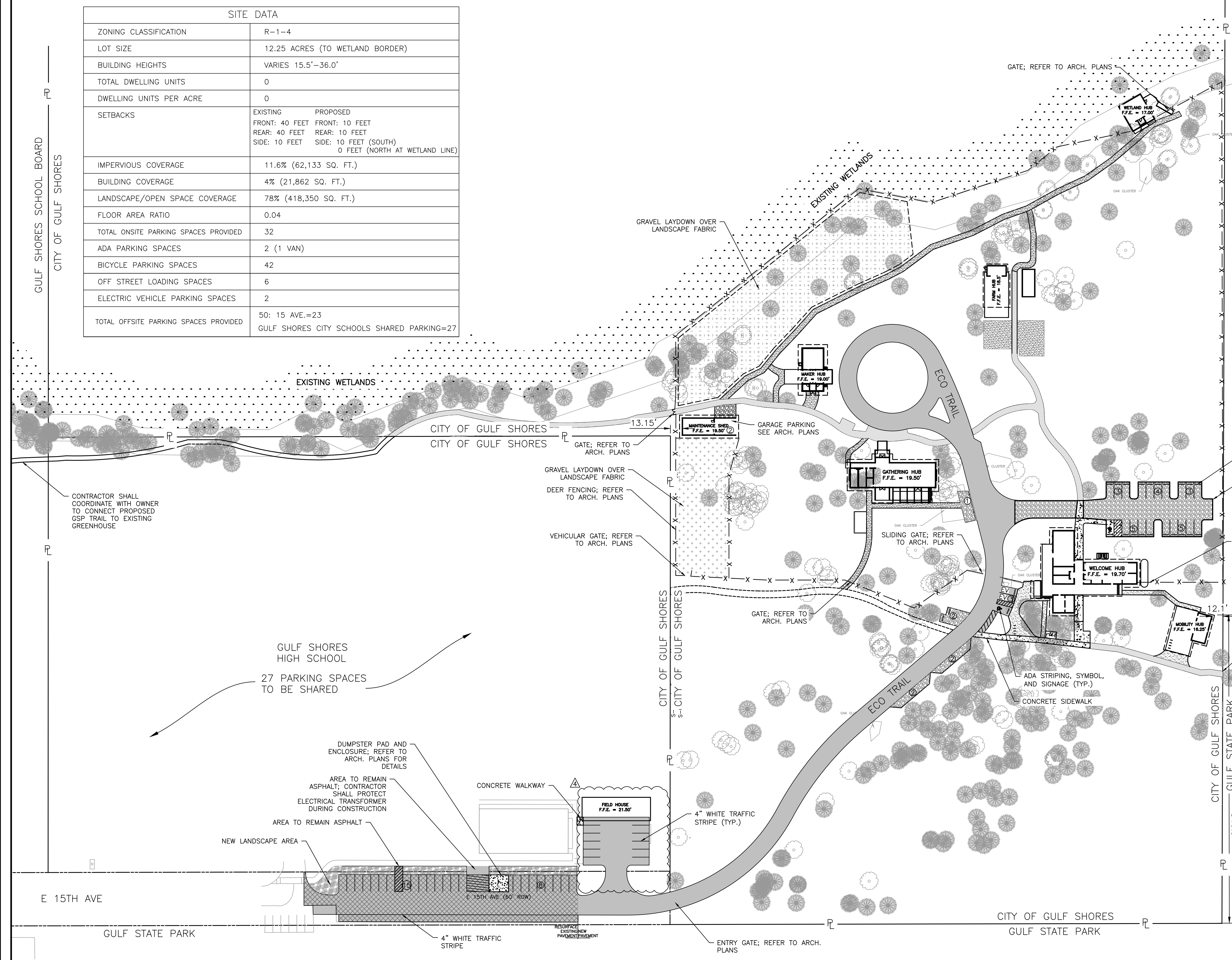
SHEET NO.:



SITE PLAN

1" = 50'

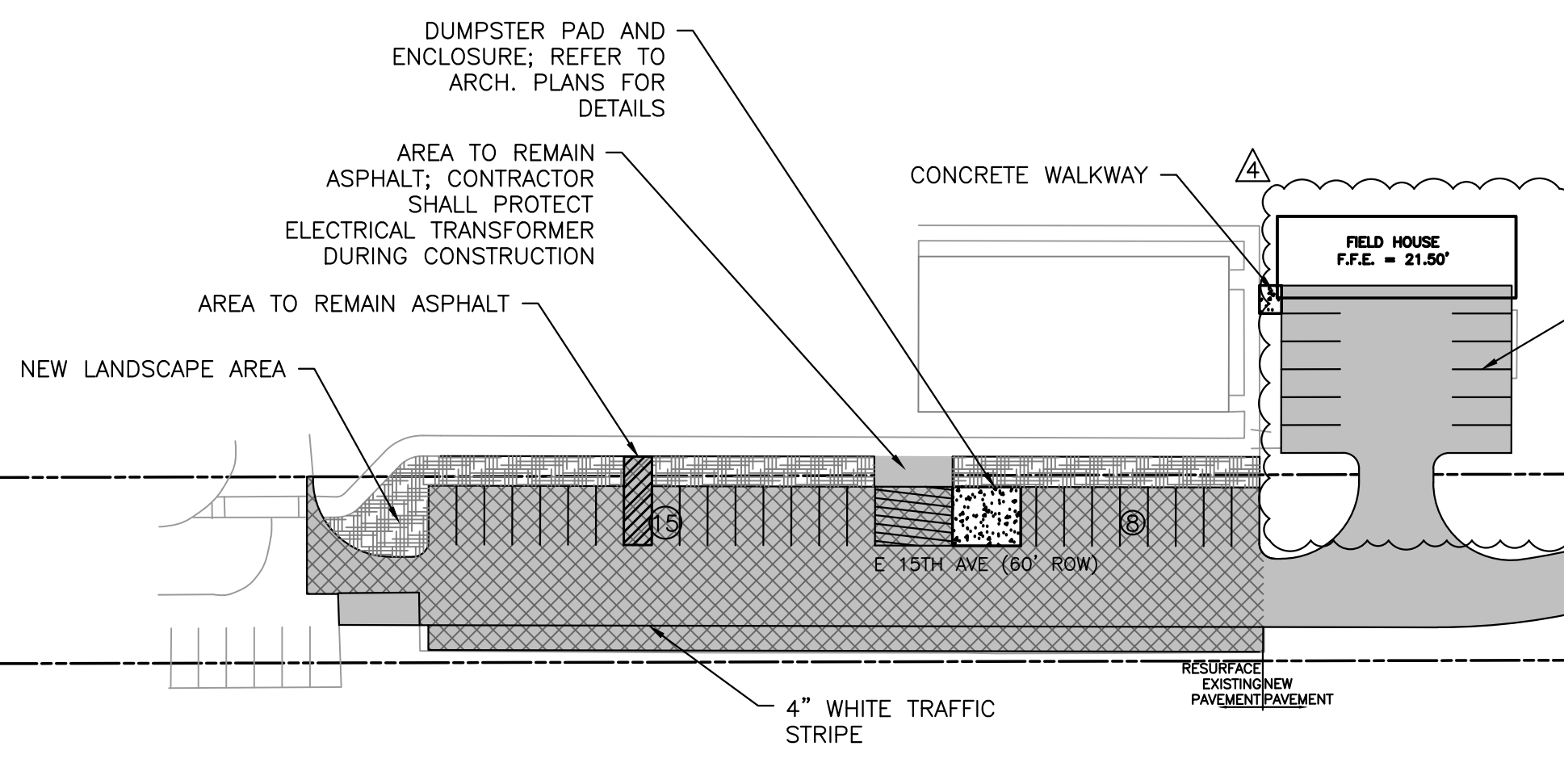
SITE DATA	
ZONING CLASSIFICATION	R-1-4
LOT SIZE	12.25 ACRES (TO WETLAND BORDER)
BUILDING HEIGHTS	VARIABLES 15.5'-36.0'
TOTAL DWELLING UNITS	0
DWELLING UNITS PER ACRE	0
SETBACKS	EXISTING PROPOSED FRONT: 40 FEET FRONT: 10 FEET REAR: 40 FEET REAR: 10 FEET SIDE: 10 FEET SIDE: 10 FEET (SOUTH) 0 FEET (NORTH AT WETLAND LINE)
IMPERVIOUS COVERAGE	11.6% (62,133 SQ. FT.)
BUILDING COVERAGE	4% (21,862 SQ. FT.)
LANDSCAPE/OPEN SPACE COVERAGE	78% (418,350 SQ. FT.)
FLOOR AREA RATIO	0.04
TOTAL ONSITE PARKING SPACES PROVIDED	32
ADA PARKING SPACES	2 (1 VAN)
BICYCLE PARKING SPACES	42
OFF STREET LOADING SPACES	6
ELECTRIC VEHICLE PARKING SPACES	2
TOTAL OFFSITE PARKING SPACES PROVIDED	50: 15 AVE.=23 GULF SHORES CITY SCHOOLS SHARED PARKING=27



GULF SHORES SCHOOL BOARD
CITY OF GULF SHORES

CONTRACTOR SHALL COORDINATE WITH OWNER TO CONNECT PROPOSED GSP TRAIL TO EXISTING GREENHOUSE

GULF SHORES HIGH SCHOOL
27 PARKING SPACES TO BE SHARED

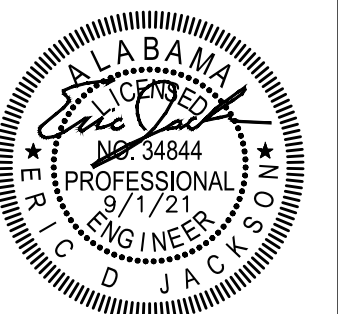


E 15TH AVE
GULF STATE PARK

CITY OF GULF SHORES
GULF STATE PARK

SITE PLAN

1" = 50'



SITE LEGEND

- PROPOSED CONCRETE PAVING
- PROPOSED PEDESTRIAN STABILIZED GRAVEL
- PROPOSED VEHICULAR STABILIZED GRAVEL
- PROPOSED ASPHALT
- PROPOSED ASPHALT OVERLAY
- PROPOSED OFFSITE LANDSCAPE AREA
- PROPOSED PARKING SPACE QUANTITY

GEOMETRIC PLAN NOTES:

1. ALL DIMENSIONS AND COORDINATES ARE TO FACE OF BUILDING, EDGE OF PAVEMENT, OR FACE OF CURB, UNLESS OTHERWISE INDICATED.
2. REFER TO SHEET C302 FOR GEOMETRIC POINT TABLES.
3. REFER TO SHEET C400-C402 FOR GRADING PLANS.
4. ALL COORDINATES ARE ALABAMA STATE PLANE (NAD83 WEST ZONE).
5. FINAL LAYOUT OF ALL PEDESTRIAN ASPHALT WALK-WAYS SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION



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NO.	DATE	REVISION
1	NOVEMBER 2022	ISSUE FOR COMMENTS
2	JANUARY 2023	FINAL SET
4	MARCH 24, 2023	REVISION: A.L.T. BID AREA REFERENCE

JOB: **20-1101-0049**

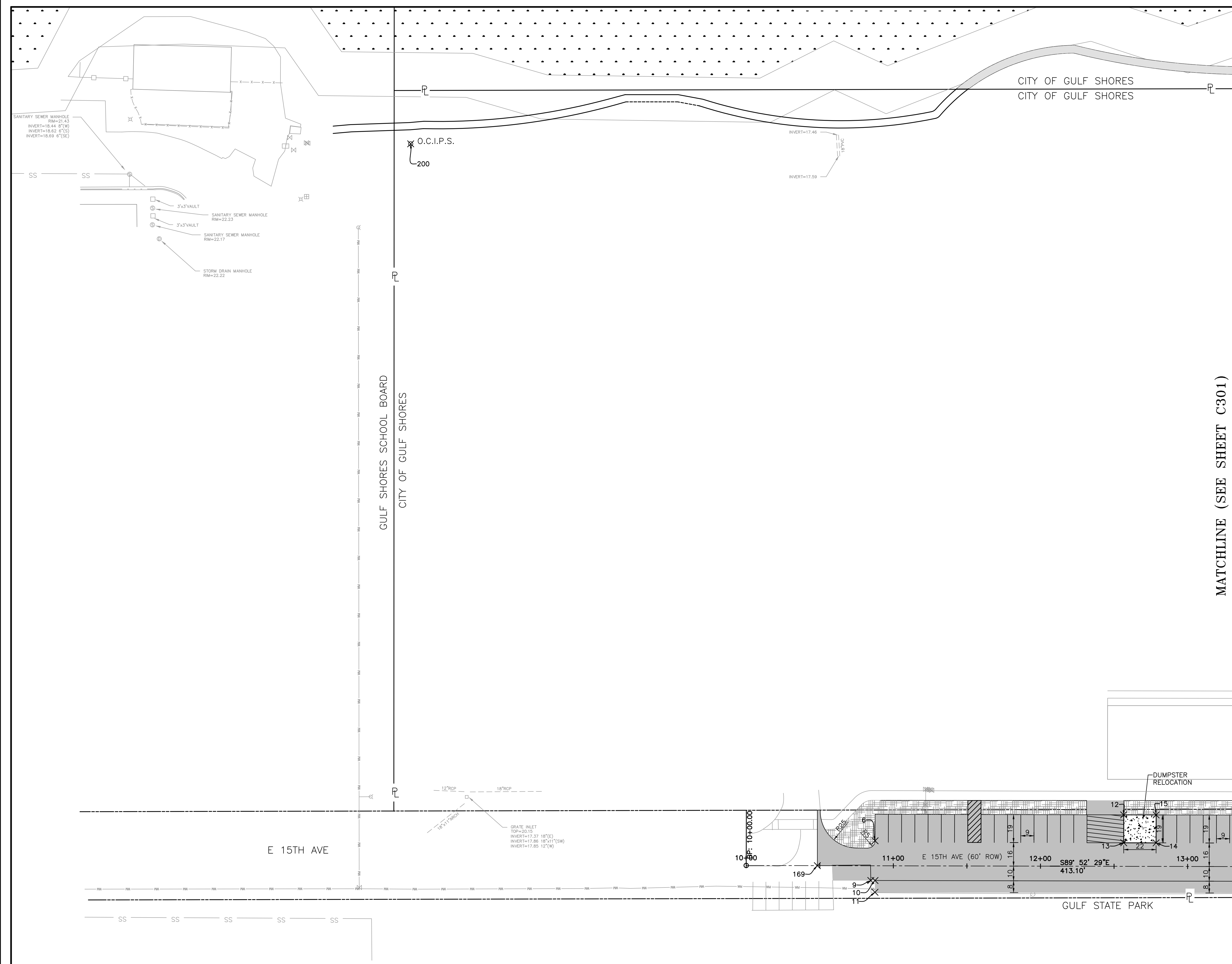
PROJECT STATUS: **CONFORMANCE SET**

DATE: **MARCH 24, 2023**

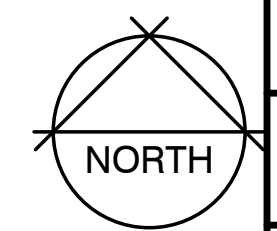
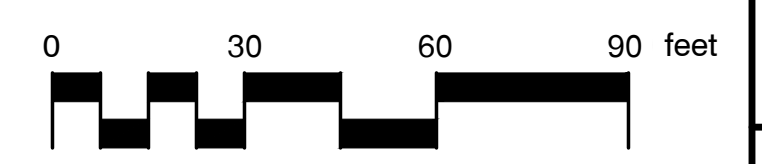
SHEET NAME: **GEOMETRY PLAN**

SHEET NO.

C300



MATCHLINE (SEE SHEET C301)

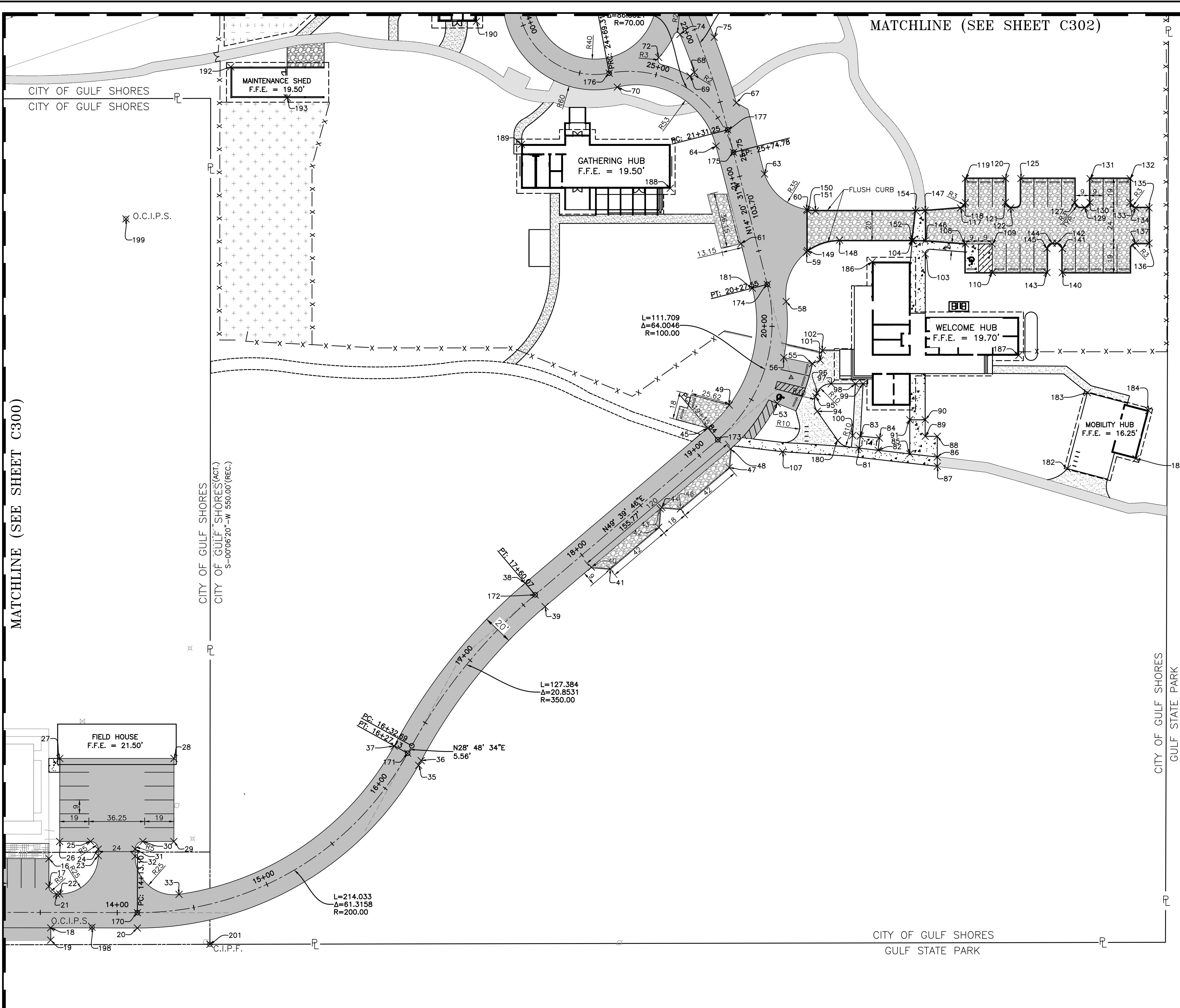


GEOMETRY PLAN

1" = 30'

MATCHLINE (SEE SHEET C300)

MATCHLINE (SEE SHEET C302)



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SITE LEGEND

- PROPOSED CONCRETE PAVING
- PROPOSED PEDESTRIAN STABILIZED GRAVEL
- PROPOSED VEHICULAR STABILIZED GRAVEL
- PROPOSED ASPHALT
- PROPOSED ASPHALT OVERLAY
- PROPOSED OFFSITE LANDSCAPE AREA
- PROPOSED PARKING SPACE QUANTITY

- GEOMETRIC PLAN NOTES:**
1. ALL DIMENSIONS AND COORDINATES ARE TO FACE OF BUILDING, EDGE OF PAVEMENT, OR FACE OF CURB, UNLESS OTHERWISE INDICATED.
 2. REFER TO SHEET C302 FOR GEOMETRIC POINT TABLES.
 3. REFER TO SHEET C400-C402 FOR GRADING PLANS.
 4. ALL COORDINATES ARE ALABAMA STATE PLANE (NAD83 WEST ZONE).
 5. FINAL LAYOUT OF ALL PEDESTRIAN ASPHALT WALK-WAYS SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION

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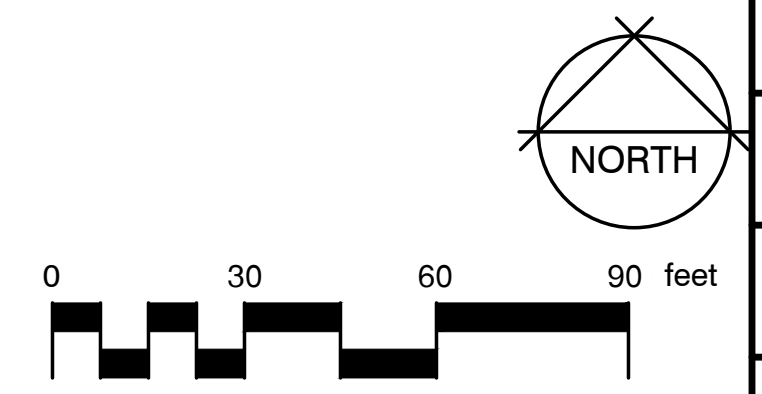
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2	JANUARY 2023	REVISED
3	MARCH 24, 2023	REVISED
4	MARCH 24, 2023	RENDERED A.T.E. BID AREA REFERENCE

JOB	20-1101-0049
PROJECT STATUS	CONFORMANCE SET
DATE	MARCH 24, 2023
SHEET NAME	GEOMETRY PLAN
SHEET NO.	



GEOMETRY PLAN

1" = 30'

C301

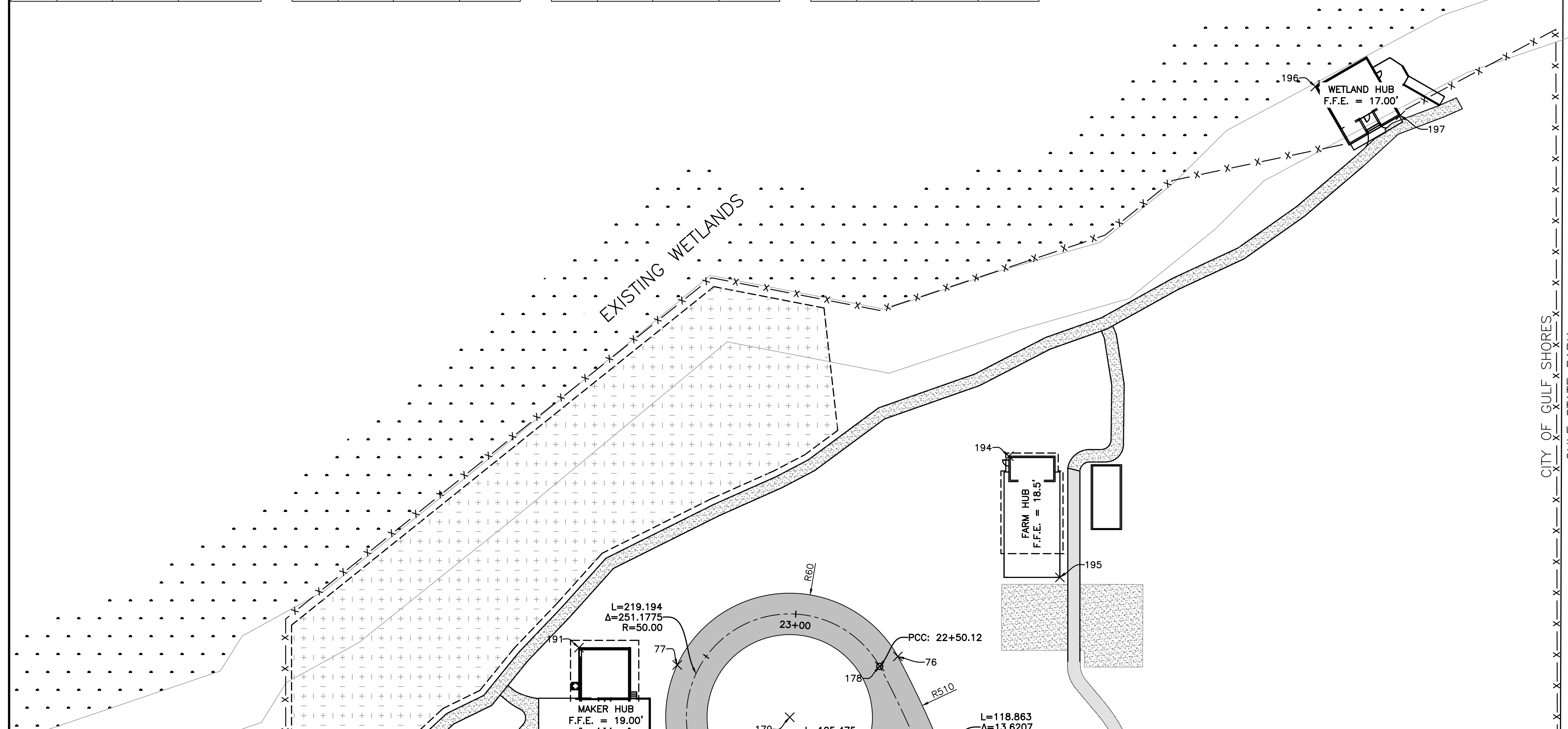
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Point #	Northing	Easting	Description
6	97651.70	1913611.62	E.O.P.
9	97624.70	1913608.73	E.O.P.
10	97624.70	1913611.56	E.O.P.
11	97616.70	1913611.55	E.O.P.
12	97669.33	1913780.57	DUMPSTER PAD
13	97650.33	1913780.62	DUMPSTER PAD
14	97650.28	1913802.62	DUMPSTER PAD
15	97669.28	1913802.66	DUMPSTER PAD
16	97669.11	1913879.66	E.O.P.
17	97651.11	1913879.62	E.O.P.
18	97624.11	1913880.80	E.O.P.
19	97616.11	1913880.79	E.O.P.
20	97623.99	1913937.16	E.O.P.
21	97646.10	1913884.61	E.O.P.
22	97646.10	1913886.67	E.O.P.
23	97671.04	1913911.72	E.O.P.
24	97675.25	1913911.73	E.O.P.
25	97680.26	1913906.73	E.O.P.
26	97680.25	1913886.62	E.O.P.
27	97734.25	1913886.74	E.O.P.
28	97734.24	1913960.99	E.O.P.
29	97680.24	1913960.87	E.O.P.
30	97680.25	1913940.73	E.O.P.
31	97675.26	1913935.73	E.O.P.
32	97670.67	1913935.72	E.O.P.
33	97645.86	1913964.23	E.O.P.
35	97729.76	1914119.94	E.O.P.
36	97732.79	1914121.61	E.O.P.
37	97742.29	1914104.01	E.O.P.
38	97848.22	1914189.17	E.O.P.

Point Table			
Point #	Northing	Easting	Description
39	97832.98	1914202.12	E.O.P.
40	97858.60	1914232.30	F.O.C.
41	97857.62	1914244.28	F.O.C.
42	97884.54	1914275.98	F.O.C.
43	97896.52	1914276.95	F.O.C.
44	97897.44	1914278.03	F.O.C.
45	97949.04	1914307.91	E.O.P.
46	97896.46	1914290.01	F.O.C.
47	97923.38	1914321.71	F.O.C.
48	97935.40	1914322.69	F.O.C.
49	97963.94	1914321.87	E.O.P.
53	97965.05	1914353.04	E.O.P.
55	97990.93	1914375.85	E.O.P.
56	97994.86	1914357.26	E.O.P.
58	98031.31	1914358.80	E.O.P.
59	98063.37	1914372.14	E.O.P.
60	98091.12	1914372.14	E.O.P.
61	98068.91	1914329.44	E.O.P.
63	98114.15	1914344.71	E.O.P.
64	98132.35	1914313.22	E.O.P.
67	98160.47	1914326.42	E.O.P.
68	98180.28	1914299.14	E.O.P.
69	98177.90	1914296.24	E.O.P.
70	98170.65	1914249.05	E.O.P.
72	98189.91	1914275.99	E.O.P.
74	98204.91	1914289.80	E.O.P.
75	98203.07	1914312.07	E.O.P.
76	98258.28	1914286.83	E.O.P.
77	98254.14	1914180.12	E.O.P.
81	97936.01	1914406.16	SIDEWALK

Point Table			
Point #	Northing	Easting	Description
82	97934.60	1914418.58	SIDEWALK
83	97943.81	1914406.96	SIDEWALK
84	97942.53	1914419.40	SIDEWALK
85	97932.24	1914439.17	SIDEWALK
86	97930.20	1914457.00	SIDEWALK
87	97924.16	1914457.00	SIDEWALK
88	97943.66	1914457.00	SIDEWALK
89	97943.66	1914449.17	SIDEWALK
90	97954.42	1914449.17	SIDEWALK
91	97954.42	1914439.17	SIDEWALK
94	97959.93	1914378.99	SIDEWALK
95	97969.52	1914377.93	SIDEWALK
96	97971.63	1914378.81	SIDEWALK
97	97977.80	1914388.04	SIDEWALK
98	97977.80	1914403.80	SIDEWALK
99	97977.80	1914408.81	SIDEWALK
100	97944.21	1914401.98	SIDEWALK
101	97993.17	1914380.91	SIDEWALK
102	97999.38	1914382.29	SIDEWALK
103	98062.25	1914449.21	SIDEWALK
104	98070.65	1914440.75	SIDEWALK
107	97933.63	1914356.46	SIDEWALK
108	98068.71	1914475.30	F.O.C.
109	98068.71	1914492.80	F.O.C.
110	98050.18	1914492.80	F.O.C.
117	98092.09	1914472.09	F.O.C.
118	98095.58	1914475.30	F.O.C.
119	98111.20	1914475.30	F.O.C.
120	98111.20	1914501.30	F.O.C.
121	98095.70	1914501.30	F.O.C.

Point Table			
Point #	Northing	Easting	Description
122	98092.20	1914504.80	F.O.C.
125	98111.20	1914511.30	F.O.C.
127	98095.70	1914546.30	F.O.C.
129	98092.20	1914552.80	F.O.C.
130	98095.70	1914556.30	F.O.C.
131	98111.20	1914556.30	F.O.C.
132	98111.20	1914582.30	F.O.C.
133	98095.70	1914582.30	F.O.C.
134	98092.20	1914585.80	F.O.C.
135	98092.20	1914594.62	F.O.C.
136	98069.20	1914594.62	F.O.C.
137	98069.20	1914585.80	F.O.C.
140	98050.19	1914538.30	F.O.C.
141	98065.69	1914538.30	F.O.C.
142	98069.19	1914534.80	F.O.C.
143	98050.16	1914528.30	F.O.C.
144	98069.19	1914531.80	F.O.C.
145	98065.69	1914528.30	F.O.C.
146	98070.93	1914449.20	F.O.C.
147	98090.34	1914449.05	F.O.C.
148	98071.16	1914393.53	F.O.C.
149	98064.37	1914372.64	F.O.C.
150	98090.53	1914372.64	F.O.C.
151	98090.16	1914377.76	F.O.C.
152	98071.16	1914440.81	F.O.C.
154	98090.17	1914442.99	F.O.C.
169	97634.78	1913572.39	CL
170	97633.99	1913937.16	CL
171	97737.61	1914112.84	CL
172	97840.60	1914195.65	CL

Point Table			
Point #	Northing	Easting	Description
173	97941.42	1914314.38	CL
174	98042.42	1914346.53	CL
175	98128.28	1914324.58	CL
176	98179.73	1914243.80	CL
177	98142.89	1914320.84	CL
178	98253.48	1914278.05	CL
179	98228.86	1914234.53	CTR_CDS
180	97940.96	1914392.33	SIDEWALK
181	98039.94	1914336.84	E.O.P.
182	97922.67	1914541.58	BLDG
183	97971.99	1914554.55	BLDG
184	97960.38	1914594.34	BLDG
185	97929.11	1914586.12	BLDG
186	98057.05	1914414.72	BLDG
187	97996.30	1914510.01	BLDG
188	98104.93	1914283.51	BLDG
189	98133.43	1914186.84	BLDG
190	98213.38	1914157.52	BLDG
191	98262.53	1914132.57	BLDG
192	98183.80	1913997.83	BLDG
193	98163.80	1914034.50	BLDG
194	98355.22	1914340.54	BLDG
195	98296.55	1914365.21	BLDG
196	98534.10	1914488.78	BLDG
197	98520.14	1914529.93	BLDG
198	97624.50	1913907.67	OCIPS
199	98084.96	1913929.70	OCIPS
200	98125.58	1913295.99	OCIPS
201	97613.39	1913984.30	CIPF



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SITE LEGEND

- PROPOSED CONCRETE PAVING
- PROPOSED PEDESTRIAN STABILIZED GRAVEL
- PROPOSED VEHICULAR STABILIZED GRAVEL
- PROPOSED ASPHALT
- PROPOSED ASPHALT OVERLAY
- PROPOSED OFFSITE LANDSCAPE AREA
- PROPOSED PARKING SPACE QUANTITY

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GEOMETRIC PLAN NOTES:

- ALL DIMENSIONS AND COORDINATES ARE TO FACE OF BUILDING, EDGE OF PAVEMENT, OR FACE OF CURB, UNLESS OTHERWISE INDICATED.
- REFER TO SHEET C302 FOR GEOMETRIC POINT TABLES.
- REFER TO SHEET C400-C402 FOR GRADING PLANS.
- ALL COORDINATES ARE ALABAMA STATE PLANE (NAD83 WEST ZONE).
- FINAL LAYOUT OF ALL PEDESTRIAN ASPHALT WALK-WAYS SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION

GEOMETRIC POINT TABLE ABBREVIATIONS:

F.O.C. FACE OF CURB
E.O.P. EDGE OF PAVEMENT
BLDG BUILDING CORNER
CTR_CDS CENTER OF CUL-DE-SAC
CL CENTERLINE
OCIPS ORANGE CAPPED IRON PIN SET
CIPF CAPPED IRON PIN FOUND

NO.	DATE	REVISION
1	NOVEMBER 2020	ISSUE FOR PERMITS
2	JANUARY 2021	REVISED
3	MARCH 24, 2023	REVISED A.L.T. BID AREA REFERENCE

JOB: 20-1101-0049

PROJECT STATUS: CONFORMANCE SET

DATE: MARCH 24, 2023

SHEET NAME: GEOMETRY PLAN

SHEET NO.:

GEOMETRY PLAN

1" = 30'

C302

GULF COAST CENTER
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GULF SHORES, ALABAMA



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NO.	DATE	DESCRIPTION
1	NOVEMBER 2022	DESIGN COMMENCEMENT
2	JANUARY 2023	FINAL SET
4	MARCH 24, 2023	REVISION: A.L.E. BID AREA REFERENCE

JOB
20-1101-0049

PROJECT STATUS
CONFORMANCE SET

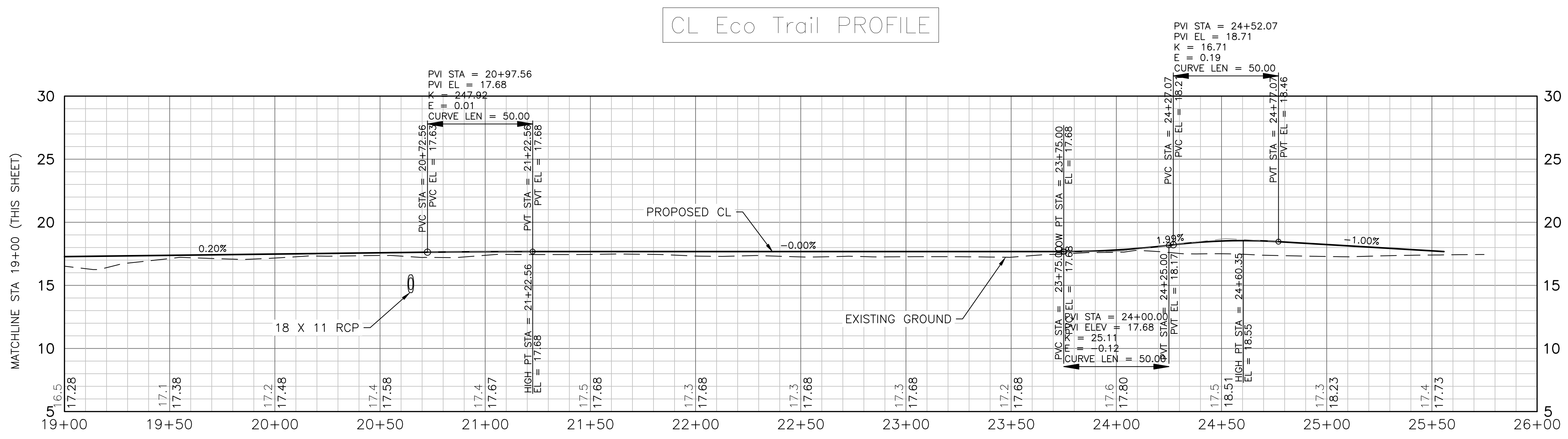
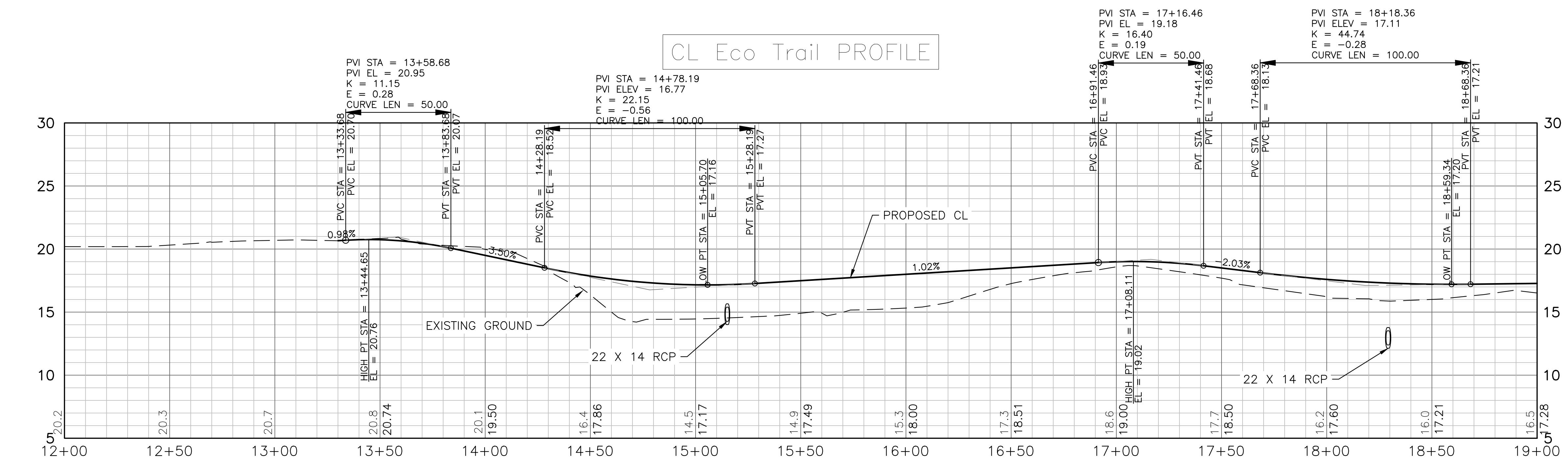
DATE
MARCH 24, 2023

SHEET NAME
ECO TRAIL PROFILE

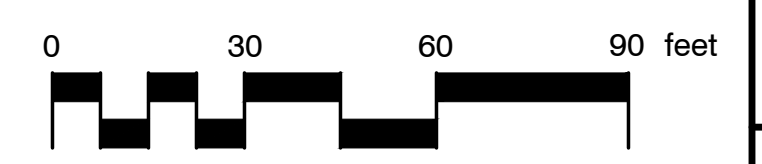
SHEET NO.

C303

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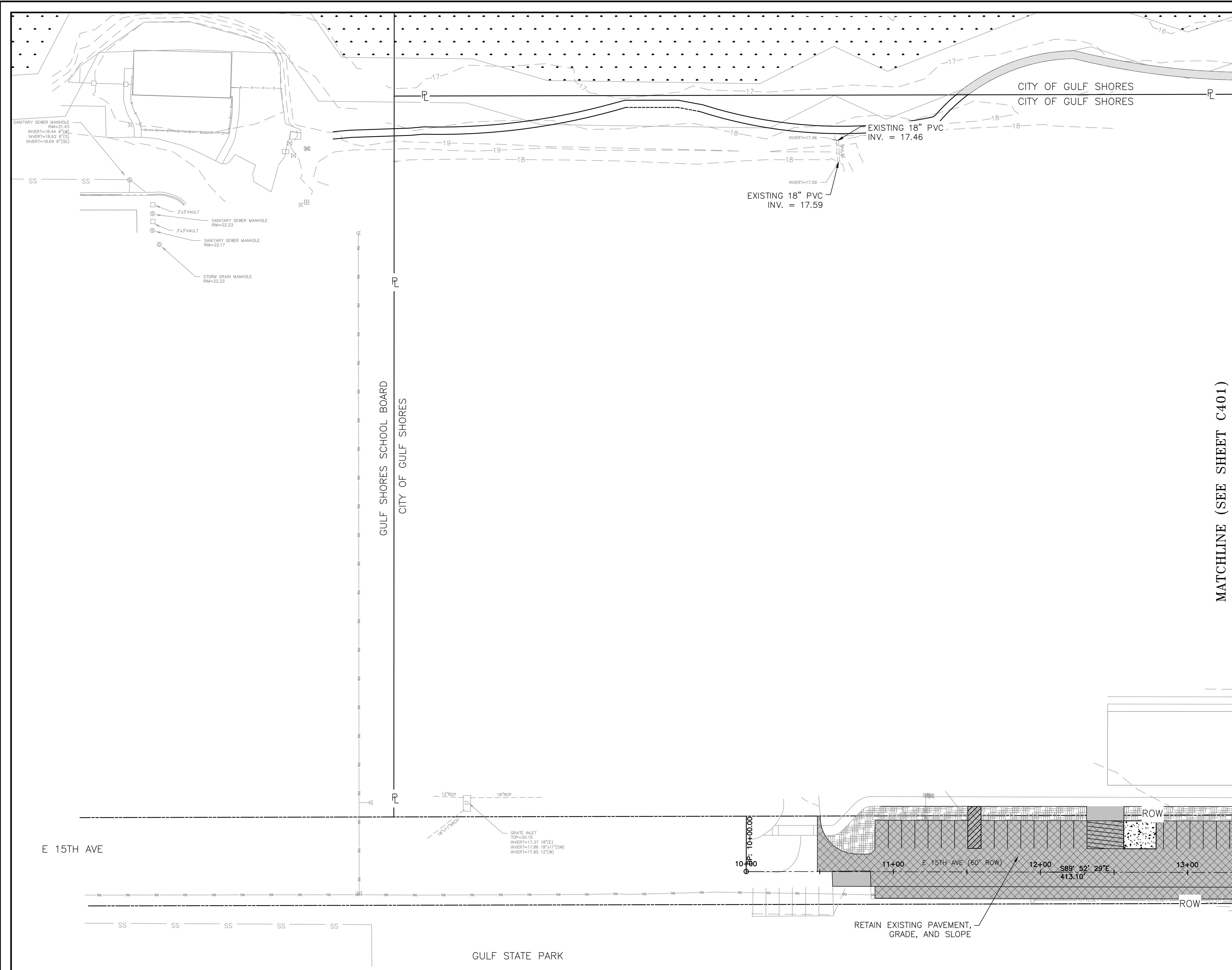


MATCHLINE STA 19+00 (THIS SHEET)



ECO TRAIL PROFILE

1" = 30' H
1" = 6' V



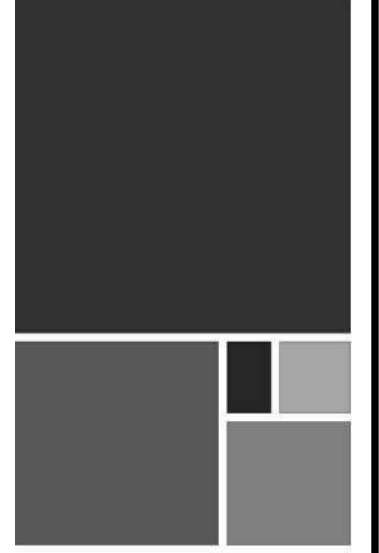
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LEGEND

- 30 — PROPOSED MAJOR CONTOUR
- 31 — PROPOSED MINOR CONTOUR
- 8.01 PROPOSED SPOT ELEVATION
- STORM INLET
- PROPOSED HEADWALL



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- GRADING AND DRAINAGE NOTES:**
1. ALL STORM PIPE SHALL BE CLASS 3 RCP PER ALDOT STANDARD SPECIFICATIONS, 2018 EDITION.
 2. ALL STORM DRAINAGE STRUCTURES SHALL BE PRECAST CONCRETE WITH A MINIMUM HS-20 LOAD RATINGS.
 3. REFER TO SHEET C500-C502 FOR EROSION AND SEDIMENT CONTROL REQUIREMENTS.
 4. ALL SPOT ELEVATIONS REPRESENT BOTTOM FACE OF CURB OR TOP OF PAVEMENT.
 5. THE MAXIMUM SLOPE SHALL BE 3:1 UNLESS OTHERWISE NOTED.

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4	MARCH 24, 2023	REVISION: A.L.T. BID AREA REFERENCE

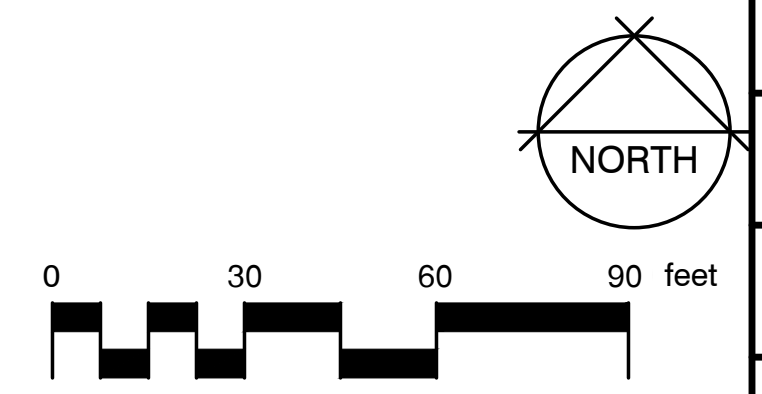
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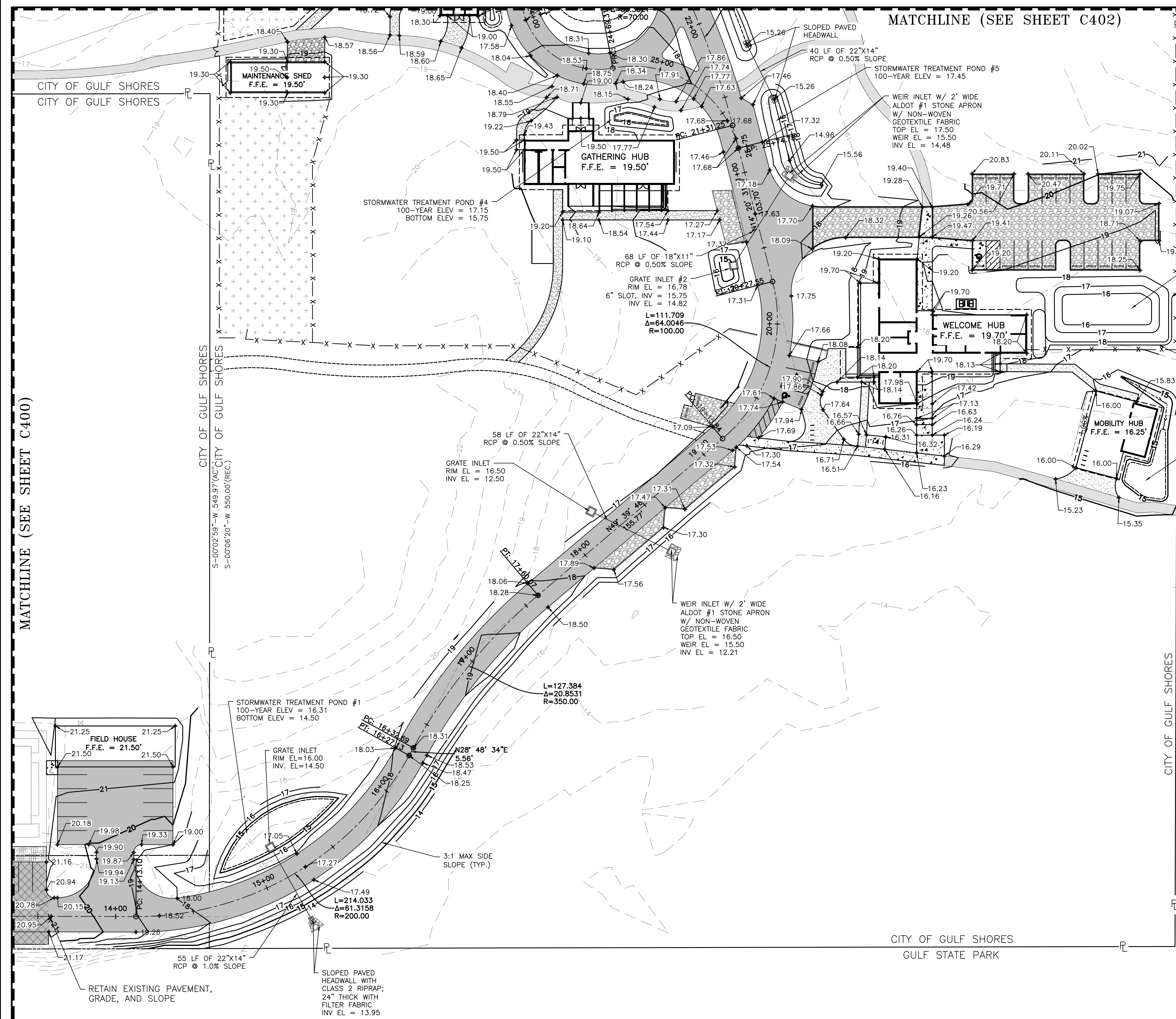
PROJECT STATUS
CONFORMANCE SET

DATE
MARCH 24, 2023

SHEET NAME
GRADING AND DRAINAGE PLAN

SHEET NO.





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LEGEND

- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED SPOT ELEVATION
- STORM INLET
- PROPOSED HEADWALL

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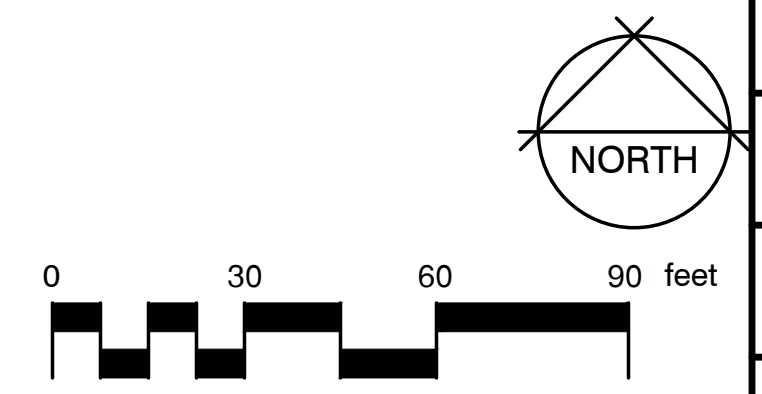
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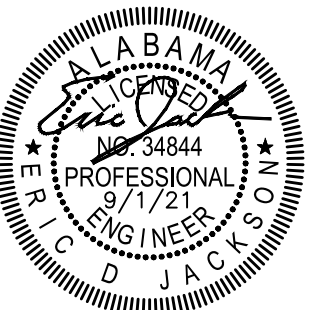
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JOB	20-1101-0049
PROJECT STATUS	CONFORMANCE SET
DATE	MARCH 24, 2023
SHEET NAME	GRADING AND DRAINAGE PLAN
SHEET NO.	C401



GRADING AND DRAINAGE PLAN



LEGEND

- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED SPOT ELEVATION
- STORM INLET
- PROPOSED HEADWALL

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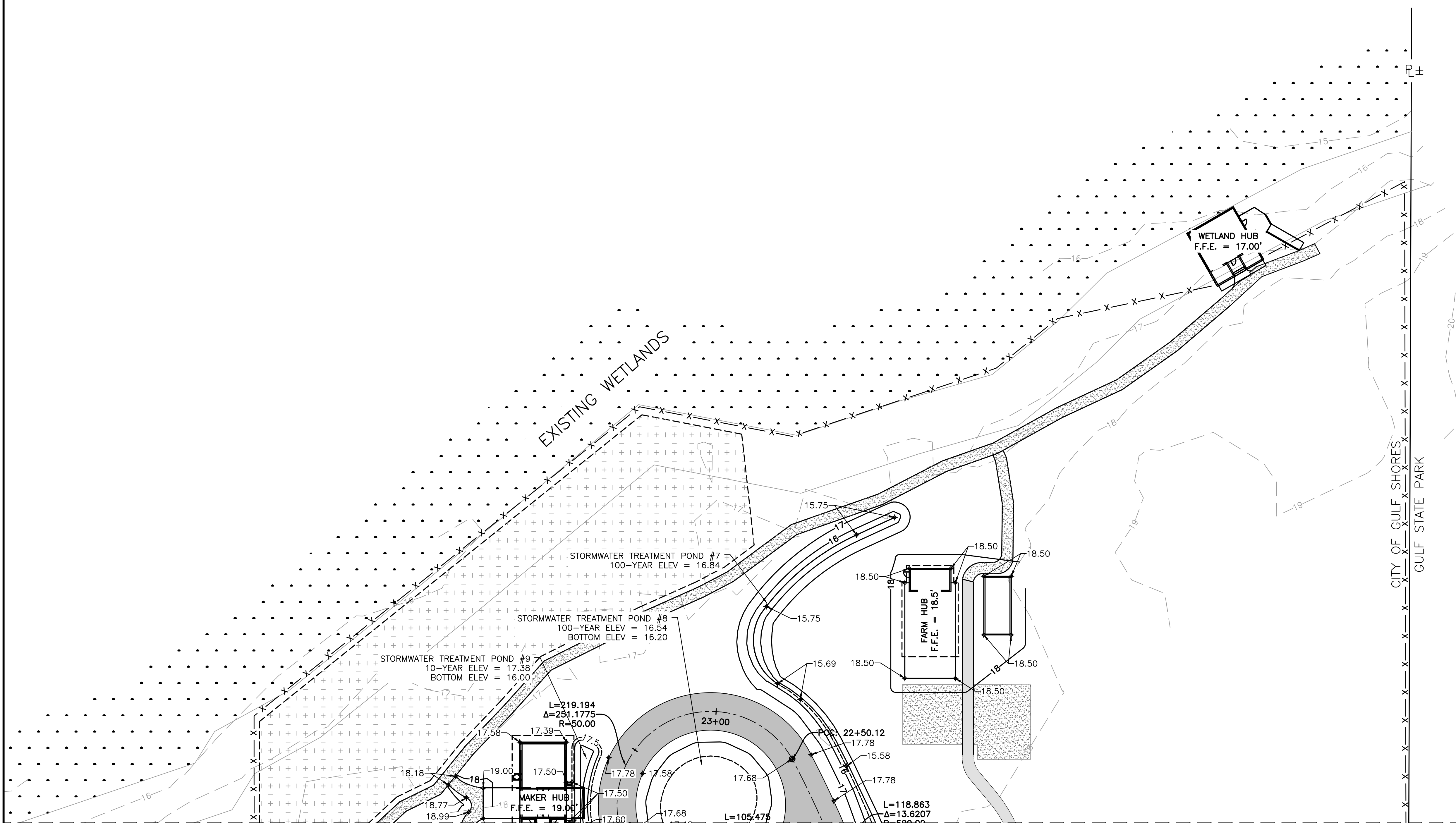
JOB: **20-1101-0049**

PROJECT STATUS: **CONFORMANCE SET**

DATE: **MARCH 24, 2023**

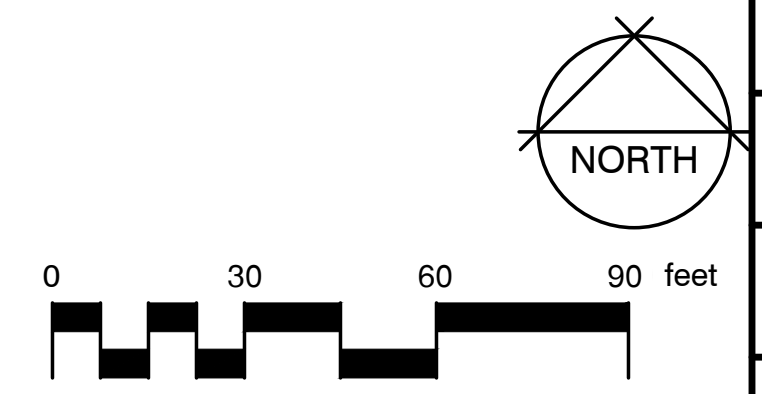
SHEET NAME: **GRADING AND DRAINAGE PLAN**

SHEET NO.: **C402**



MATCHLINE (SEE SHEET C401)

GRADING AND DRAINAGE PLAN



1" = 30'



CONSTRUCTION BEST MANAGEMENT PRACTICES PLAN:

PRE-CONSTRUCTION PLANNING:

1. GENERAL

THE INTENT OF THIS PLAN IS TO PREVENT EROSION AND RESULTING SEDIMENT TRANSPORTATION TO OFF-SITE LOCATIONS. THE ITEMS INDICATED ARE THE DESIGN ENGINEER'S BEST ESTIMATE OF THE REQUIREMENTS, MORE OR LESS, THAT ARE NEEDED BASED ON THE CURRENT SITE CONDITIONS, ANTICIPATED WEATHER PATTERNS, ETC. THE CONTRACTOR SHALL INSTALL ADDITIONAL MEASURES AS NECESSARY TO COMPLY WITH THIS INTENT AND THE ADEM (NPDES) STORM WATER DISCHARGE PERMIT.

- A. BEST MANAGEMENT PRACTICES PLAN WITH ALL SEDIMENT AND EROSION CONTROL PLANS ALONG WITH THE ADEM (NPDES PERMIT) SHALL BE KEPT ON-SITE WITH THE DAILY RAIN FALL LOGS AND COPIES OF ALL INSPECTION REPORTS.
- B. EXISTING TOPOGRAPHY AND PROPOSED TOPOGRAPHY ARE SHOWN ON THE DRAWINGS IN THE PLAN SET.
- C. PERIMETER SEDIMENT AND EROSION CONTROL MEASURES SHALL BE CONSTRUCTED PRIOR TO ANY LAND DISTURBANCE ACTIVITY TAKES PLACE.
- D. OTHER FEDERAL, LOCAL OR STATE STATUTES OR REQUIREMENTS THAT MAY AFFECT THE PERMIT REQUIREMENTS FOR THIS SITE:
 1. U.S. CORPS OF ENGINEERS
 2. LOCAL SEDIMENT CONTROL ORDINANCES
- E. MATERIAL NEEDS AFFECTING ENVIRONMENTAL ASPECTS OF THIS SITE:
 1. HAUL IN AND/OR HAUL OFF
 2. TOPSOIL SPOIL OR REMOVAL
- F. PLANNED PHASES OF CONSTRUCTION
 1. EXISTING VEGETATION REMOVAL
 2. UTILITY
 3. STABILIZATION

2. EXECUTION

- A. PLANNED CONSTRUCTION PHASING AND REQUIRED EROSION AND SEDIMENT CONTROL MEASURES.

PHASE I – EXISTING VEGETATION/IMPROVEMENTS REMOVAL:

THIS PHASE OF CONSTRUCTION INVOLVES THE REMOVAL OF EXISTING VEGETATION/IMPROVEMENTS FROM THE SITE. THE FOLLOWING WILL APPLY DURING THIS SPECIFIC PHASE:

1. CONSTRUCTION OF A STABILIZED CONSTRUCTION ENTRANCE (ALDOT STANDARD DRAWING, #ESC-502). ENTRANCE SHALL BE SIZED TO HANDLE TWO WAY TRAFFIC. THE ENTRANCE SHALL CONTINUALLY BE MAINTAINED DURING CONSTRUCTION OPERATIONS AND MAY NEED REPLACEMENT SEVERAL TIMES DUE TO CLOGGING WITH SEDIMENT.
2. INSTALLATION ALL PERIMETER SILT FENCING (ALDOT STD DWG. #ESC-200-4) AND DIRECTED BY THE PLAN SET DOWN GRADIENT FROM ANY GROUND DISTURBING ACTIVITIES.
3. ALL TREES AND DEBRIS WILL BE KEPT AWAY FROM DITCHES AND WATERWAYS SO RUN-OFF ACCUMULATIONS IN THE DITCHES AND WATERWAYS WILL NOT CARRY SITE DEBRIS DOWNSTREAM.
4. ALL DITCHES AND WATERWAYS SHALL BE PROTECTED TO THE EXTENT POSSIBLE.

PHASE II – GRADING OPERATIONS:

THIS PHASE IS INITIATED WHEN THE EARTHWORK OPERATIONS ARE TO BEGIN ROUGH GRADING OPERATIONS WHICH INCLUDE THE MOVEMENT OF EARTH ON-SITE AND EXPORTATION OF MATERIAL OFF-SITE. THIS PHASE IS THE CRITICAL TIME WHEN MOST SEDIMENT OCCURS. THE INSTALLED SEDIMENT AND EROSION CONTROL MEASURES SHALL BE CONSTANTLY INSPECTED AND MAINTAINED TO ENSURE THEIR EFFECTIVENESS. THE FOLLOWING WILL APPLY TO THIS STAGE OF CONSTRUCTION:

1. ALL SEDIMENT CONTROL FACILITIES REQUIRED SHALL BE INSTALLED DURING PHASE I AND II SHALL BE LEFT IN PLACE AND MAINTAINED UNTIL VEGETATION IS RE-ESTABLISHED TO AN ACCEPTABLE MANNER.
2. WHENEVER A SILT CONTROL FACILITY IS REMOVED BECAUSE OF CHANGING SITE CONDITIONS IT SHALL BE REPLACED WITH ANOTHER MEASURE THAT WILL BE PART OF THE PROGRAM OF SILT AND EROSION CONTROL.
3. SILT FENCES SHALL BE IN PLACE AT THE TOE OF ALL FILL SLOPES.
4. SEDIMENT BASINS SHALL BE INSTALLED AS NECESSARY.
5. SLOPES (CUT OR FILL) THAT ARE CONSTRUCTED IN THE FINAL CONFIGURATION SHALL BE COVERED WITH FOUR (4") INCHES OF TOPSOIL THEN SEEDED AND MULCHED AS SOON AS GRADING IS COMPLETED SO VEGETATION CAN PROTECT SLOPE.
6. PORTIONS OF THE SITE THAT ARE GRADED TO FINAL GRADE AND ARE NOT TO RECEIVE PAVEMENT OR BUILDINGS SHALL HAVE FOUR (4") INCHES OF TOPSOIL SPREAD OVER THE SURFACE AND GRASSED AND/OR SODDED AS SOON AS POSSIBLE IN THE CONSTRUCTION PROCESS. THIS PHASE OF CONSTRUCTION IS CRITICAL IN THE EROSION AND SEDIMENT CONTROL PROCESS.
7. STORM SEWERS NEED TO BE INSTALLED AS SOON AS POSSIBLE IN THE CONSTRUCTION PROCESS AND CONCURRENT WITH GRADING OPERATIONS TO ENSURE A SUCCESSFUL PROGRAM. RUNOFF SHALL BE DIRECTED TO THE STORM SEWER SYSTEM AS SOON AS POSSIBLE.

PHASE III – UTILITY INSTALLATION PLAN:

THIS PHASE WILL BE COMPLETE IN CONCURRENCE WITH THE GRADING OPERATIONS. STORM SEWERS SHALL BE INSTALLED AND PRESSED INTO SERVICE AS EARLY IN THE GRADING OPERATION AS POSSIBLE. THE FOLLOWING WILL APPLY TO THIS PHASE OF CONSTRUCTION:

1. ALL ASPECTS OF THE PREVIOUS PHASES SHALL BE MAINTAINED AS APPLICABLE.
2. STORM SEWERS THAT ARE INSTALLED SHALL BE PUT INTO SERVICE IMMEDIATELY. THE INLETS/FLUMES OF ALL STORM SEWERS SHALL BE PROTECTED WITH SILT TRAPS THAT PREVENT SEDIMENT FROM ENTERING THE SYSTEM. THIS PROTECTION SHALL BE WATTLES AS SHOWN ON THE PLANS.
3. RIP RAP AS SHOWN ON THE PLANS AND AS REQUIRED ON THE SITE WILL BE INSTALLED AT THE PIPE OUTLETS TO PREVENT EROSION DUE TO VELOCITIES OF WATER IN THE PIPES. THE RIP RAP SHALL BE EXTENDED DOWNSTREAM AS NEEDED TO PREVENT EROSION.
4. ADDITIONAL SILT FENCING SHALL BE INSTALLED AS NECESSARY TO PREVENT EROSION AND SILTATION RESULTING FROM STOCKPILED EXCAVATED MATERIAL FROM UTILITY INSTALLATION OPERATION.
5. WATTLE CHECK DAMS SHALL BE INSTALLED IN ALL NEWLY CONSTRUCTED DITCHES AND SWALES AS NECESSARY TO PREVENT EROSION AND SILTATION.

PHASE IV – FINISH GRADING, PAVEMENT INSTALLATION:

THE FINAL STAGE OF THE SITE WORK OPERATIONS AT WHICH TIME ALL TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES WILL BE PHASED OUT AND REMOVED. THE FOLLOWING REQUIREMENTS WILL APPLY DURING THIS PHASE OF THE CONSTRUCTION:

1. ALL FACILITIES FROM PHASE I THROUGH PHASE IV WILL BE MAINTAINED AS APPROPRIATE AND REMOVED WHEN NO LONGER NEEDED.
2. SILT TRAPS AROUND DRAINAGE INLETS/FLUMES WILL BE MAINTAINED OR MODIFIED AS NECESSARY AND REMOVED WHEN NO LONGER NEEDED.
3. ALL AREAS NOT RECEIVING PAVEMENT OR BUILDINGS SHALL RECEIVE FOUR (4") INCHES OF TOPSOIL, SEEDED AND MULCHED PER PLAN, OR HAVE LANDSCAPING, MULCHING AND OR SOD INSTALLED AS APPLICABLE.
4. CONTRACTOR MAY COVER SOME AREAS WITH TWO AND ONE-HALF INCHES THICK GRADED AGGREGATE FOR EROSION CONTROL IN LIEU OF GRASSING.
5. REFER TO THIS DRAWING (SEEDING NOTES) FOR ACTUAL REQUIREMENTS FROM THE INSTALLATION OF LIME, FERTILIZATION, SEED AND MULCH. GRASSING OPERATIONS SHALL BE PERFORMED THROUGHOUT CONSTRUCTION AT THOSE TIMES WHEN PORTIONS OF THE SITE ARE COMPLETED AND READY FOR PERMANENT GROUND COVER. THIS WILL REQUIRE MULTIPLE EFFORTS BY THE GRASSING SUBCONTRACTOR TO STABILIZE ALL IMPACTED AREAS OF THE SITE IN AN ORDERLY FASHION. NO AREA OF THE SITE THAT RECEIVES FINAL GRADE SHALL BE LEFT FOR MORE THAN 13 DAYS WITHOUT THE APPLICATION OF SEED AND MULCH.

INSPECTION AND MAINTENANCE INSTRUCTIONS:

- A. ALL EROSION CONTROL AND SEDIMENT CONTROL FACILITIES SHALL BE INSPECTED REGULARLY TO ENSURE THEY ARE EFFECTIVE IN THE EVENT OF RAINFALL. THEY SHALL BE INSPECTED ONCE EVERY WEEK (MINIMUM) AND WITHIN 24 HOURS AFTER EACH RAINFALL EVENT. ANY DAMAGED OR NON-FUNCTIONAL FACILITY SHALL BE REPAIRED IMMEDIATELY. THE FOLLOWING WILL APPLY TO MAINTAINING EROSION AN SEDIMENT CONTROL FACILITIES. INSPECTION AND REPORTING SHALL ALSO BE PERFORMED IN ACCORDANCE WITH THE ADEM (NPDES) STORM WATER DISCHARGE PERMIT.

1. SILT FENCE BARRIERS WILL BE CHECKED REGULARLY FOR UNDERMINING OR DETERIORATION OF THE FABRIC. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES 1/3 THE WAY TO THE TOP OF THE BARRIER AND NEVER ALLOWED TO REACH 1/2 WAY TO THE TOP OF THE BARRIER.
2. SEEDED AREAS WILL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RE-SEEDED AS NEEDED.
3. IF ANY FACILITY IS DAMAGED DURING MAINTENANCE, OR OTHERWISE, THE DAMAGED PORTION SHALL BE REMOVED AND REPLACED TO MEET THE ORIGINAL, DESIGNED CONDITION, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
4. IF SILT HAS CLOGGED SEDIMENT CONTROL FACILITIES AND IT IS NO LONGER EFFECTIVE IN FILTERING SILT, THE STRUCTURE SHALL BE REMOVED AND REPLACED WITH A NEW STRUCTURE IN ACCORDANCE WITH THE PLANS.
5. IN ORDER TO MAINTAIN EFFECTIVENESS OF EROSION AND SEDIMENTATION CONTROLS, THE CONTRACTOR SHALL INSPECT THE OVERALL PERFORMANCE OF THE EROSION AND SEDIMENTATION CONTROL FACILITIES AND AREAS DOWNSTREAM. IF SILT IS APPARENT DOWNSTREAM FROM THESE STRUCTURES, SOME FAILURE HAS OCCURRED. IF SEDIMENT IS OBSERVED DOWNSTREAM, NOTIFY THE ENGINEER. THE ENGINEER WILL INSPECT THE CONDITION AND AFTER INSPECTION, WILL DIRECT THE REMOVAL OF ACCUMULATED SEDIMENT DOWNSTREAM AND ADD ADDITIONAL STRUCTURAL MEASURES AS NECESSARY. THE CONTRACTOR SHALL IMPLEMENT RECOMMENDED SOLUTIONS TO PROBLEM AREAS.

COMPLETION OF PROJECT:

- A. PROJECT CLOSE OUT: THE FOLLOWING SHALL BE DONE AT THE END OF THE PROJECT:

1. INSPECT SITE TO BE ENSURED THAT GROUND COVER IS COMPLETE AND ADEQUATE. IN OTHER WORDS, ALL AREAS ARE EITHER PAVED OR HAVE GOOD GROUND COVER WITH NO EROSION APPARENT. GENERALLY GOOD GROUND COVERAGE OF VEGETATION IS DEFINED AS 80% VEGETATIVE COVER WITH NO AREAS OF EROSION APPARENT.
2. IF ABOVE INSPECTION IS MADE AND APPROVED, ALL TEMPORARY BMP MEASURES SHALL BE REMOVED ALONG WITH ANY ACCUMULATED SEDIMENT. THE AREAS DISTURBED BY REMOVAL OF BMPs SHALL BE FINE GRADED, SEEDED AND MULCHED.
3. IF INSPECTION IS MADE AND PROBLEMS EXIST, MAKE REPAIRS AND RE-INSPECT.

- B. ADEM NOTICE OF TERMINATION – THE PERMITTEE SHALL SUBMIT A NOTICE OF TERMINATION REQUEST AND CERTIFICATION FORM TO ADEM IDENTIFYING THE AUTHORIZATION NUMBER AND TO ADVISE ADEM THAT THE PROJECT IS COMPLETE AND STABLE.

MISCELLANEOUS ISSUES:

- A. NO FUEL OR OIL WILL BE STORED ON SITE.
- B. NO OIL OR GAS WILL BE DUMPED ONSITE.
- C. LOCATION OF TRAILER AND PORT-A-JOHN WILL BE FIELD DETERMINED TO AVOID CONSTRUCTION ACTIVITIES. LOCATION WILL CHANGE DURING CONSTRUCTION AS APPROPRIATE.
- D. PROJECT SITE SHALL BE KEPT CLEAR OF ALL HUMAN AND CONSTRUCTION DEBRIS. THE CONTRACTOR SHALL HAVE TRASH COLLECTED WEEKLY AND PLACED IN DUMPSTER TO BE HAULED OFF THE SITE.
- E. ALL WATER SUPPLY WILL BE PROVIDED FROM PUBLIC WATER UTILITY.
- F. ALL HUMAN WASTE WILL BE DISPOSED OF BY A LICENSED VENDOR OR IN PUBLIC SANITARY SEWER SYSTEM.
- G. ANY SPILLED OIL, GAS, ETC., RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE CONTAINED AND CLEANED IMMEDIATELY AND CONTAMINATED SOILS SHALL BE DISPOSED OF IN AN APPROVED MANNER AT A LICENSED LANDFILL.
- H. DUST SUPPRESSION OPERATIONS WILL BE DONE BY MEANS OF A WATER TRUCK SPRAYING WATER ON THE SURFACE OF THE SITE.

SEEDING NOTES:

- A. REFER TO THE LANDSCAPING PLAN FOR INFORMATION ON PERMANENT SEEDING, SOD, MULCH, TREES, SHRUBS, ETC.
- B. UNLESS OTHERWISE SPECIFIED IN THE LANDSCAPE PLANS, PRIOR TO SEEDING/SODDING APPLICATION, TREAT THE SOIL AS FOLLOWS:
 1. 2 TONS OF AGRICULTURAL LIME PER ACRE.
 2. 1200 LBS. OF 10-10-10 FERTILIZER PER ACRE OR EQUAL.
- D. THOROUGHLY INCORPORATE THE ABOVE AMENDMENT INTO THE FIRST 2 TO 3 INCHES OF SOIL. AFTER SEEDING, FIRM THE SEEDS INTO THE TOP ON-QUARTER INCHES OF SOIL. GRADE AREAS TO BE SEED/SODDED TO INSURE PROPER DRAINAGE WITH EVEN GRADES. MULCH IMMEDIATELY AFTER SEEDING WITH EITHER STRAW, HAY OR WOOD CELLULOSE FIBER. STRAW OR HAY SHALL BE APPLIED AT A RATE OF 100 POUNDS PER 1,000 SQUARE FEET. HAT OR STRAW SHALL BE STABILIZED WITH AN ADHESIVE. ALL SLOPES WHICH EXCEED 3:1 SHALL BE SOLID SODDED, HYDROSEEDED OR SHALL BE COVERED IN A ROLLED EROSION CONTROL BLANKET (NORTH AMERICAN GREEN S150 OR APPROVED EQUAL) AND SEEDED.
- E. WATER AS PER LANDSCAPING PLAN TO ESTABLISH SEED OR SOD. ALL AREAS THAT DO NOT SHOW 80% COVERAGE SHALL BE RE-SEEDED UNTIL PERMANENT GRASS HAS BEEN ESTABLISHED WITH NO BARE AREAS OR WASH-OUTS.
- F. AFTER GRASS HAS SHOWN GROWTH (APPROXIMATELY 40 DAYS) AND WHILE SOIL SURFACE IS MOIST, TOP DRESS WITH HIGH NITRATE FERTILIZER AT A RATE OF 50 LBS NITROGEN PER ACRE.
- G. ALL SODDING SHALL BE INSTALLED IN ACCORDANCE TO ALABAMA HANDBOOK FOR EROSION, SEDIMENT CONTROL, AND STORM WATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS, 2018 EDITION.

ALL EROSION CONTROL DEVICES SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS.



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2	JANUARY 10, 2024	REVISED TO PERMITS
4	MARCH 24, 2024	REVISION: AL 1 BID AREA REFERENCE

JOB
20-1101-0049

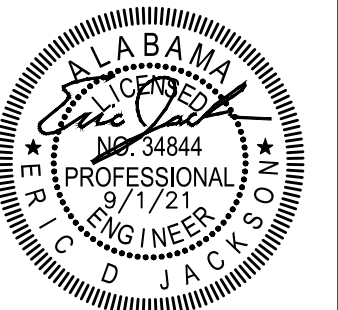
PROJECT STATUS
CONFORMANCE SET

DATE
MARCH 24, 2023

SHEET NAME
EROSION & SEDIMENT CONTROL NOTES

SHEET NO.
C500

MATCHLINE (SEE SHEET C502)



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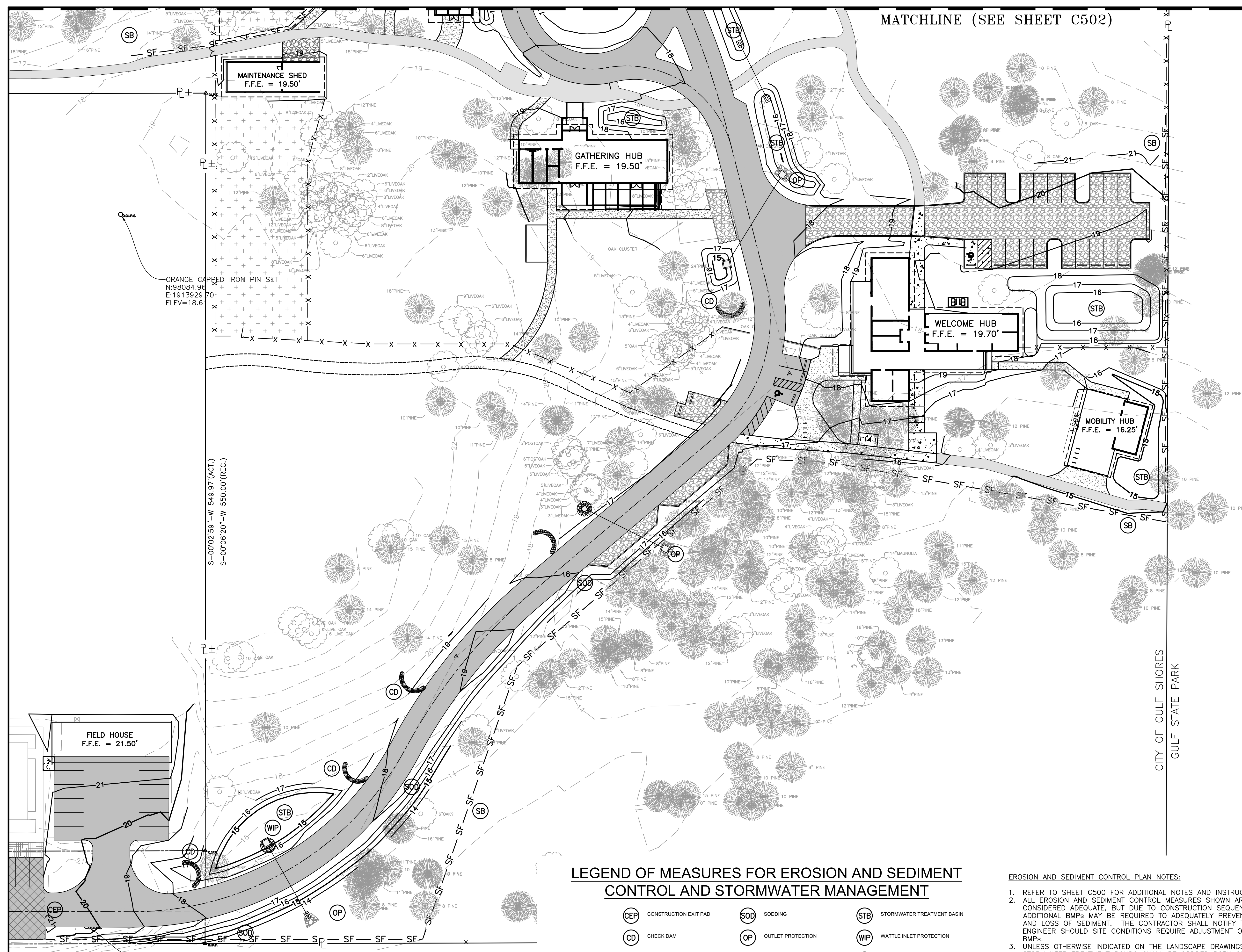
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JOB	20-1101-0049
PROJECT STATUS	CONFORMANCE SET
DATE	MARCH 24, 2023
SHEET NAME	EROSION CONTROL PLAN
SHEET NO.	C501



MAINTENANCE SHED
F.F.E. = 19.50'

GATHERING HUB
F.F.E. = 19.50'

WELCOME HUB
F.F.E. = 19.70'

MOBILITY HUB
F.F.E. = 16.25'

FIELD HOUSE
F.F.E. = 21.50'

ORANGE CAPPED IRON PIN SET
N: 98084.96
E: 1913929.70
ELEV = 18.6'

S-00'02'59"-W 549.97'(ACT.)
S-00'08'20"-W 550.00'(REC.)

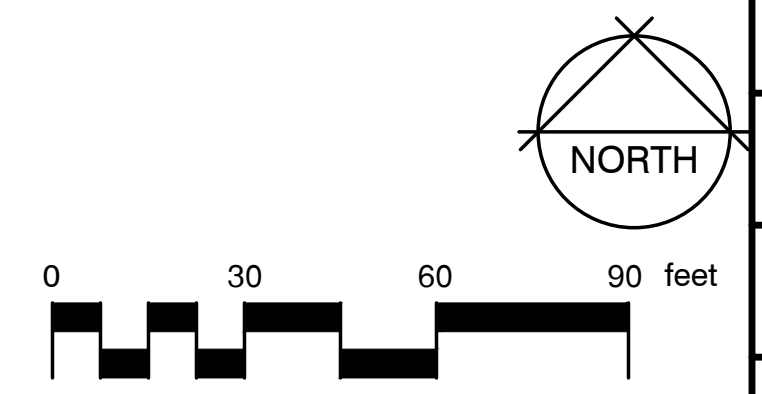
ORANGE CAPPED IRON PIN SET
N: 97624.50
E: 1913907.67

LEGEND OF MEASURES FOR EROSION AND SEDIMENT CONTROL AND STORMWATER MANAGEMENT

- | | | |
|-----------------------|-------------------|----------------------------|
| CONSTRUCTION EXIT PAD | SODDING | STORMWATER TREATMENT BASIN |
| CHECK DAM | OUTLET PROTECTION | WATTLE INLET PROTECTION |
| | | SEDIMENT BARRIER |

EROSION AND SEDIMENT CONTROL PLAN NOTES:

- REFER TO SHEET C500 FOR ADDITIONAL NOTES AND INSTRUCTIONS.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHOWN ARE CONSIDERED ADEQUATE, BUT DUE TO CONSTRUCTION SEQUENCING, ADDITIONAL BMPs MAY BE REQUIRED TO ADEQUATELY PREVENT EROSION AND LOSS OF SEDIMENT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER SHOULD SITE CONDITIONS REQUIRE ADJUSTMENT OF SPECIFIED BMPs.
- UNLESS OTHERWISE INDICATED ON THE LANDSCAPE DRAWINGS, ALL STORMWATER TREATMENT PONDS SHALL BE SODDED BOTH ON THE INTERIOR AND EXTERIOR BOTTOM AND SIDES.
- ALL GRADED AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE BUT NOT MORE THAN 10 DAYS FOLLOWING GRADING OPERATIONS.
- ALL BMPs SHALL REMAIN IN PLACE UNTIL THE CONTRACTOR IS AUTHORIZED TO REMOVE BY THE ENGINEER.



LEGEND OF MEASURES FOR EROSION AND SEDIMENT CONTROL AND STORMWATER MANAGEMENT

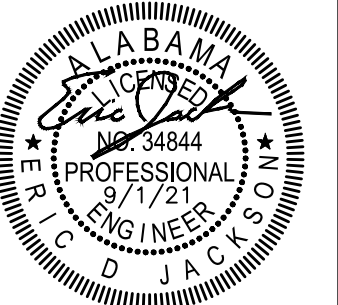
- | | | |
|-----------------------|-------------------|----------------------------|
| CONSTRUCTION EXIT PAD | SODDING | STORMWATER TREATMENT BASIN |
| CHECK DAM | OUTLET PROTECTION | WATTLE INLET PROTECTION |
| | | SEDIMENT BARRIER |

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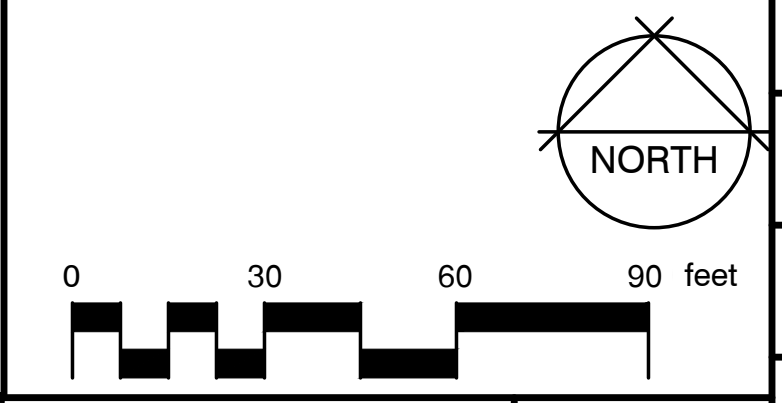
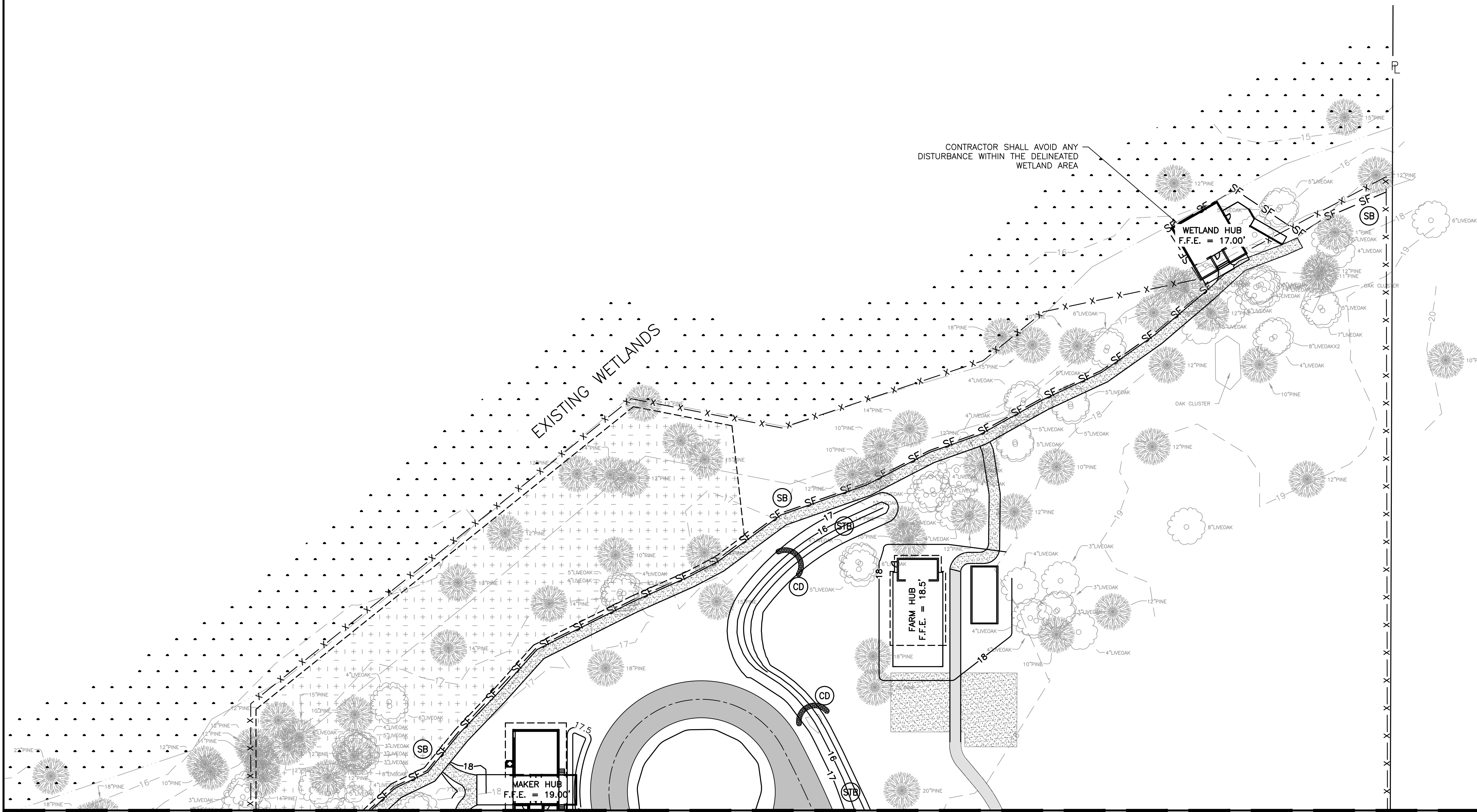
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EROSION CONTROL PLAN

1" = 30'

NO.	DATE	REVISION
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2	JANUARY 2023	REVISED TO ADD SETBACKS
4	MARCH 24, 2023	REVISION: A.L.E. BID AREA REFERENCE

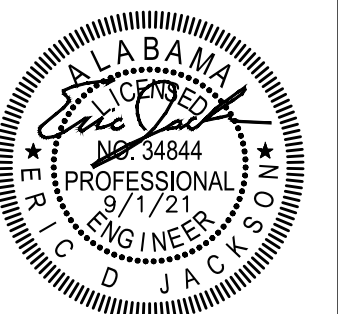
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PROJECT STATUS
CONFORMANCE SET

DATE
MARCH 24, 2023

SHEET NAME
EROSION CONTROL PLAN

SHEET NO.
C502



SITE LEGEND

- 31 WATER VALVE & BOX
- 34 12" C900 WATER MAIN
- 42 3" PVC SANITARY SEWER FORCE MAIN
- 46 DI MJ BEND W/ THRUST BLOCKING



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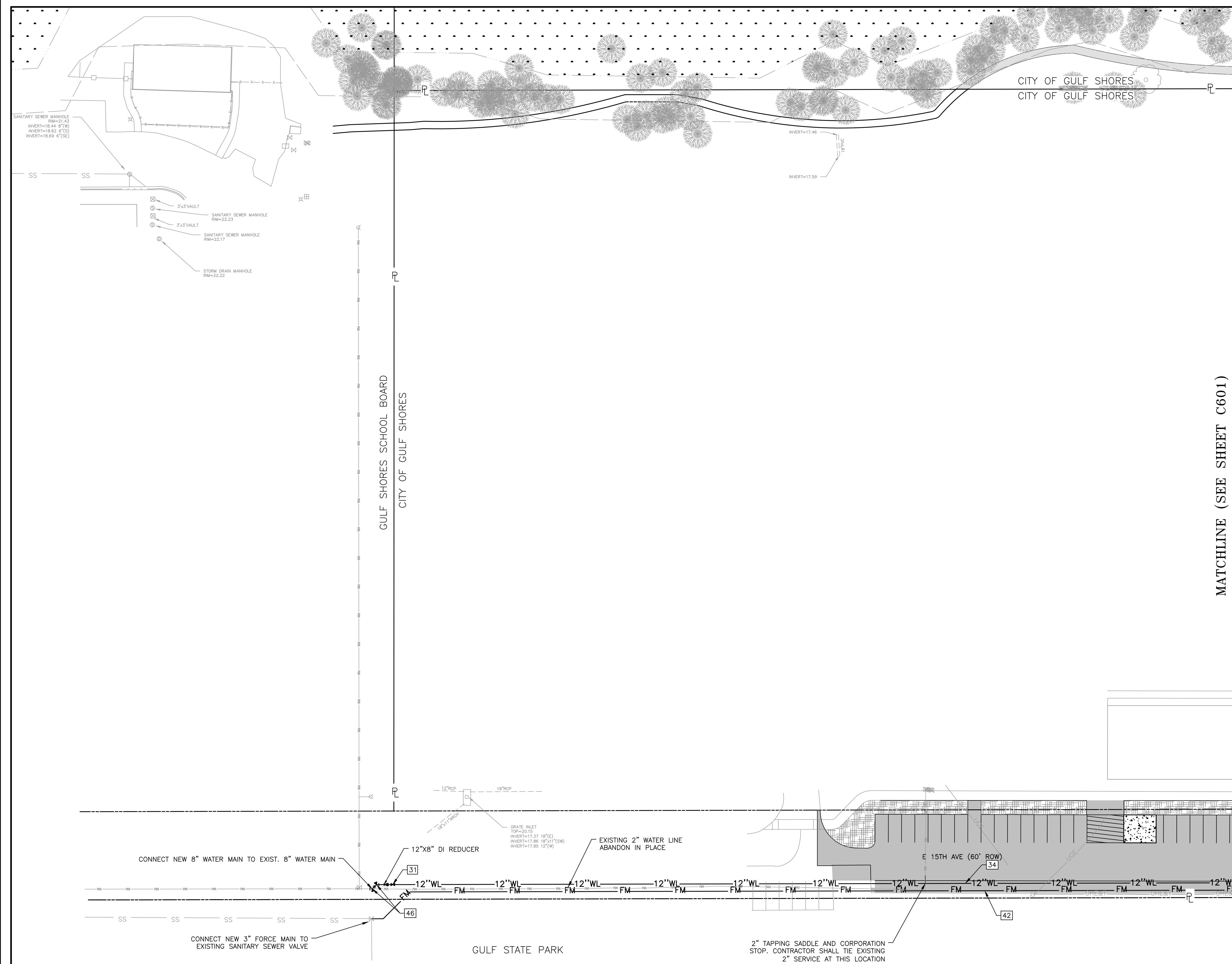
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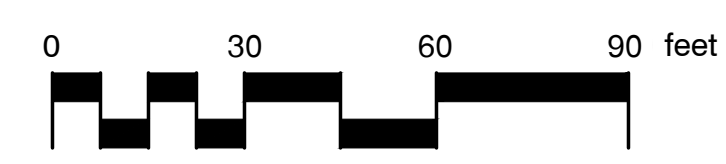
SHEET NAME: **UTILITY PLAN**

SHEET NO.

C600

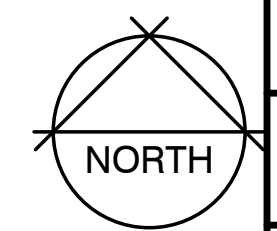


MATCHLINE (SEE SHEET C601)



UTILITY PLAN

1" = 30'



MATCHLINE (SEE SHEET C600)

MATCHLINE (SEE SHEET C602)



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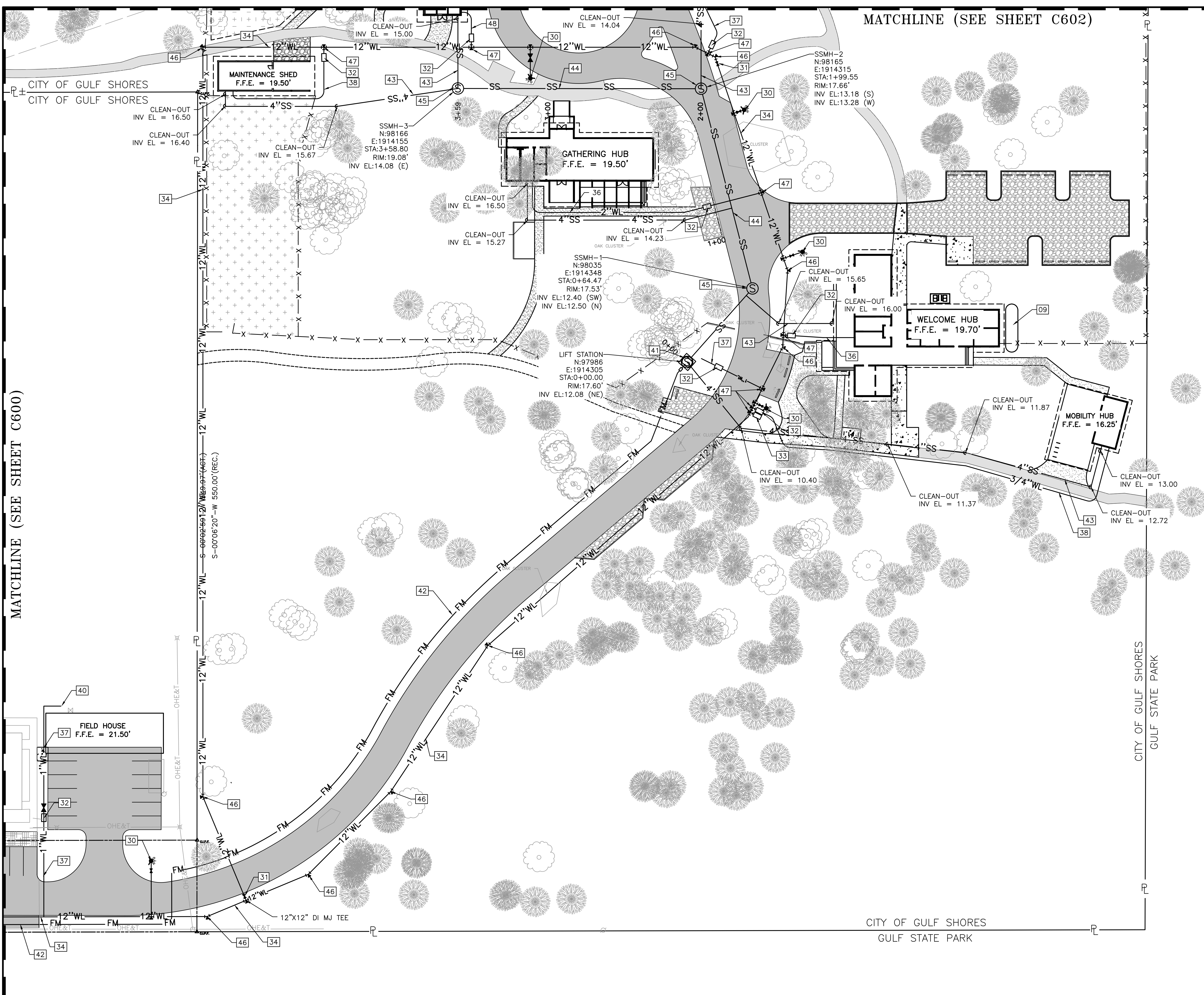
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SITE LEGEND

- 09 RAINWATER STORAGE TANK (SEE PLUMBING PLAN)
- 30 6" FIRE HYDRANT, D.I. LATERAL, ANCHOR TEE & VALVE
- 31 WATER VALVE & BOX
- 32 POTABLE WATER METER AND VALVE
- 33 IRRIGATION WATER METER AND VALVE
- 34 12" C900 WATER MAIN
- 36 2" WATER LINE
- 37 1" WATER LINE
- 38 3/4" WATER LINE
- 40 HOSE BIBB
- 41 SEWER LIFT STATION
- 42 3" PVC SANITARY SEWER FORCE MAIN
- 43 4" GRAVITY SANITARY SEWER LATERAL
- 44 8" PVC GRAVITY SANITARY SEWER LINE
- 45 SANITARY SEWER MANHOLE
- 46 DI MJ BEND W/ THRUST BLOCKING
- 47 TAPPING SADDLE W/ CORPORATION STOP
- 48 1 1/2" WATER LINE

- UTILITY PLAN NOTES:
1. ALL GRAVITY SANITARY SEWER PIPING SHALL BE SDR 26 PVC.
 2. SANITARY SEWER FORCEMAIN SHALL BE CL 200 PVC.
 3. ALL SANITARY SEWER MANHOLES SHALL PRECAST CONCRETE.
 4. ALL WATER LINES 4" AND GREATER SHALL BE C900 PVC. ALL WATER LINES LESS THAN 4" SHALL BE SCH 40 PVC.
 5. ALL 6" FIRE HYDRANT LATERALS SHALL BE CL 250 DI. W/ POLYETHYLENE SLEEVES.
 6. ALL WATER MAIN FITTINGS SHALL BE CL 350 DI. MECHANICAL JOINTS.
 7. THE CONTRACTOR SHALL OBTAIN THE CURRENT STANDARD SPECIFICATIONS FROM THE GULF SHORES UTILITIES BOARD FOR WATER AND SEWER INSTALLATIONS PRIOR TO CONSTRUCTION.
 8. SEE SHEET C603 FOR SANITARY SEWER PROFILE.



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1	NOVEMBER 2023	ISSUE FOR PERMITS
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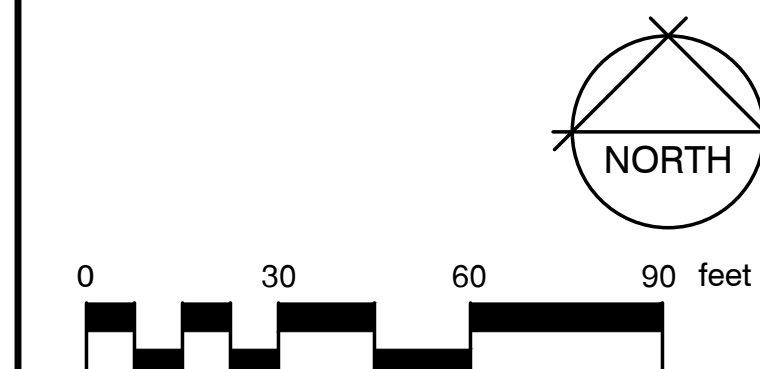
JOB: 20-1101-0049

PROJECT STATUS: CONFORMANCE SET

DATE: MARCH 24, 2023

SHEET NAME: UTILITY PLAN

SHEET NO. C601



UTILITY PLAN 1" = 30'

SITE LEGEND

- 37 1" WATER LINE
- 43 4" GRAVITY SANITARY SEWER LATERAL



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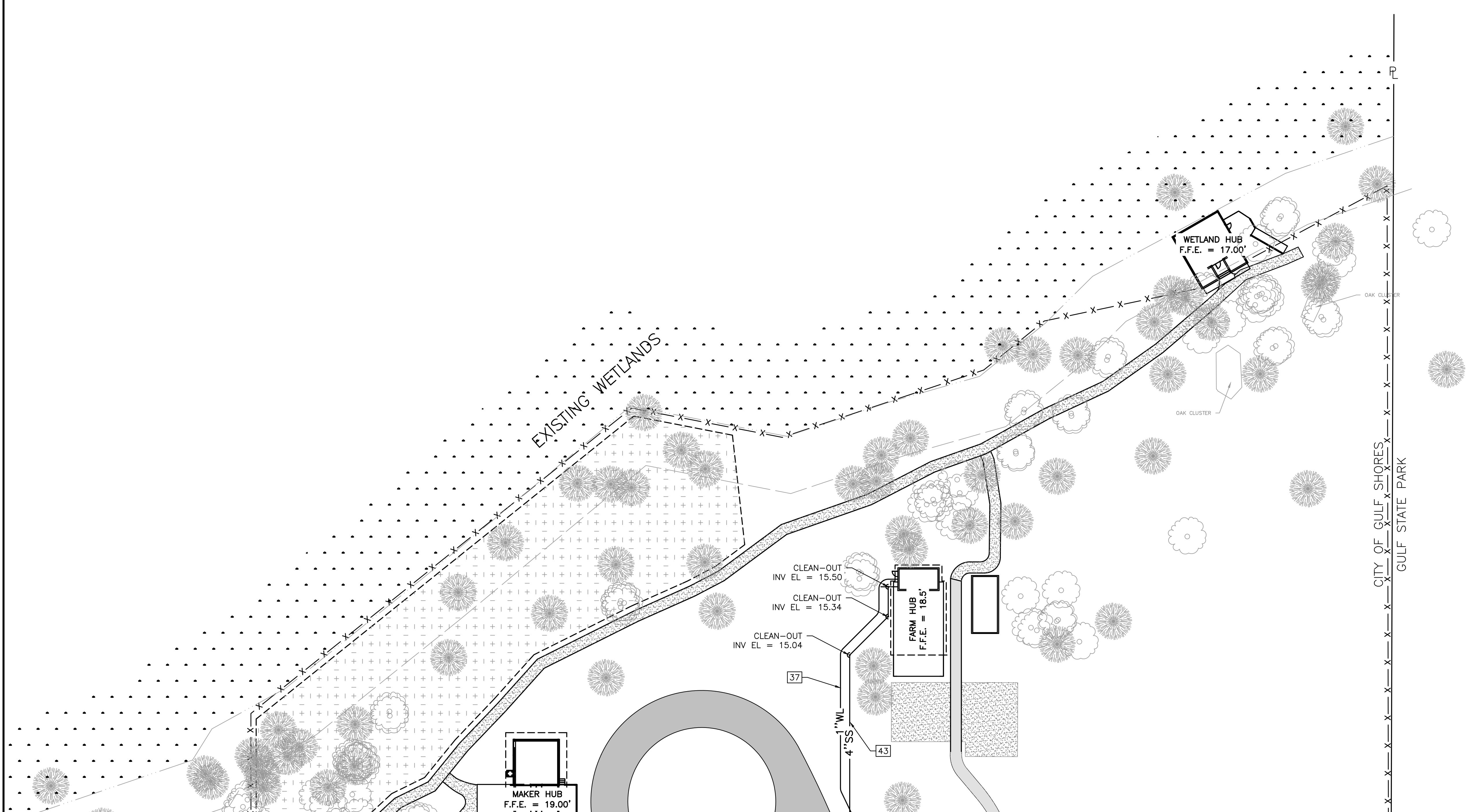
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PROJECT STATUS
CONFORMANCE SET

DATE
MARCH 24, 2023

SHEET NAME
UTILITY PLAN

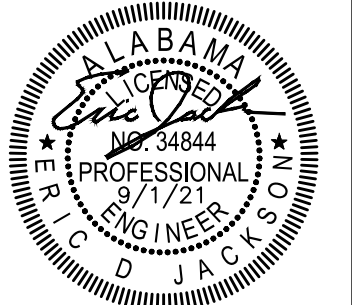
SHEET NO.
C602



MATCHLINE (SEE SHEET C601)

UTILITY PLAN

1" = 30'



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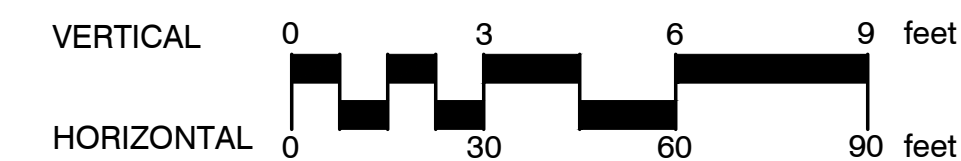
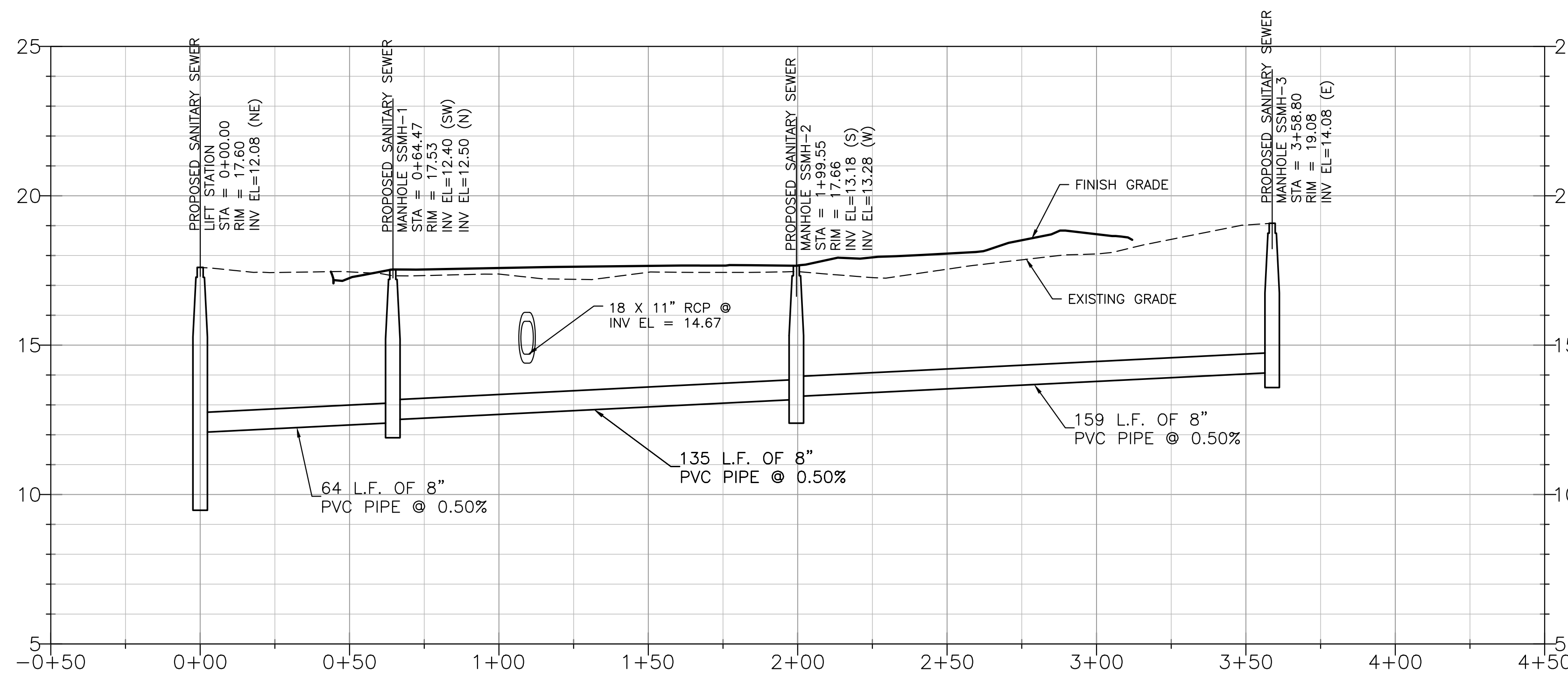
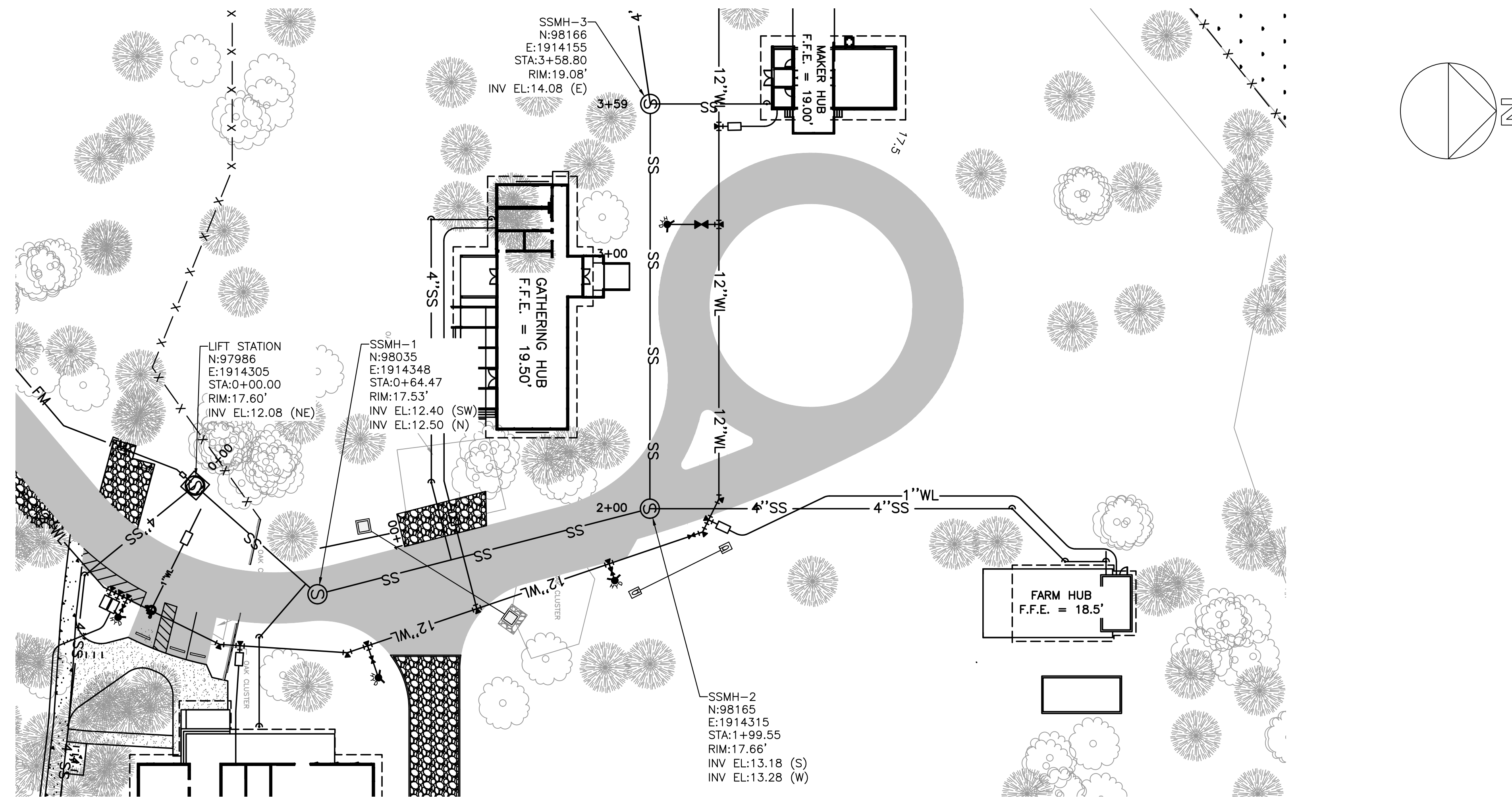
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UTILITY PLAN

1" = 30'

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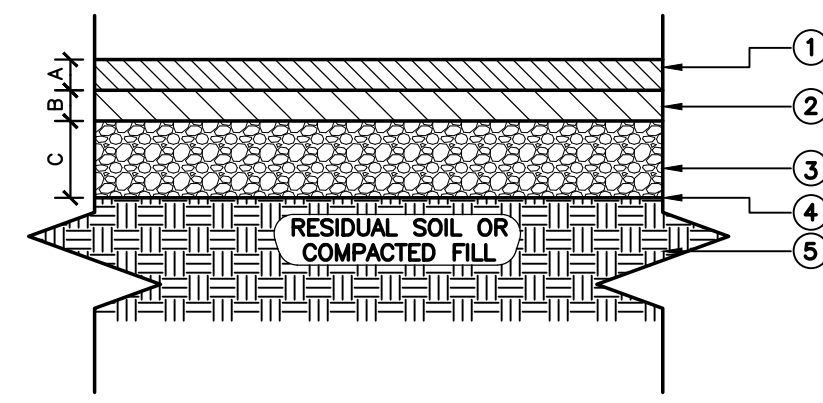
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PROJECT STATUS
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SHEET NAME
UTILITY PLAN

SHEET NO.
C603

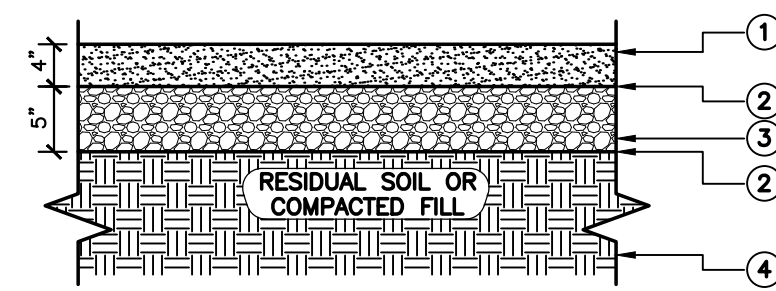


1. SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE; 1/2" MAXIMUM AGGREGATE SIZE MIX, (ALDOT 424A)
2. SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, (ALDOT 424B)
3. COMPACTED AGGREGATE BASE COURSE (ALDOT 301A)
4. GEOTEXTILE FABRIC (GEOTEX 601 OR APPROVED EQUAL)
5. UNDISTURBED OR COMPACTED SUBGRADE

	THICKNESS (IN.)		
	PED.	VEH.(NEW)	VEH.(RESURFACING)
A	1.5	1.5	1.5
B	0	1.5	0
C	5	5	0

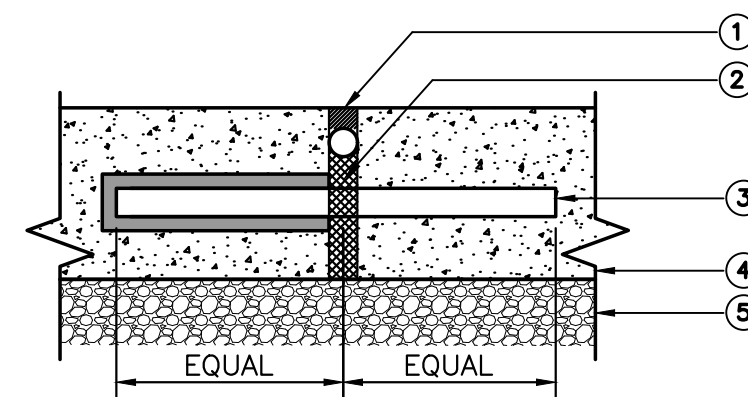
(REFER TO GEOTECHNICAL REPORT)

**ASPHALT PAVING, PEDESTRIAN OR VEHICULAR
(NEW CONSTRUCTION AND RESURFACING)**
N.T.S.



1. FINE AGGREGATE SURFACE WITH STABILIZER
2. GEOTEXTILE FABRIC (GEOTEX 601 OR APPROVED EQUAL)
3. #57 STONE, WASHED, COMPACTED
4. UNDISTURBED SOIL OR COMPACTED FILL

**PEDESTRIAN STABILIZED GRAVEL,
TYPICAL**
N.T.S.

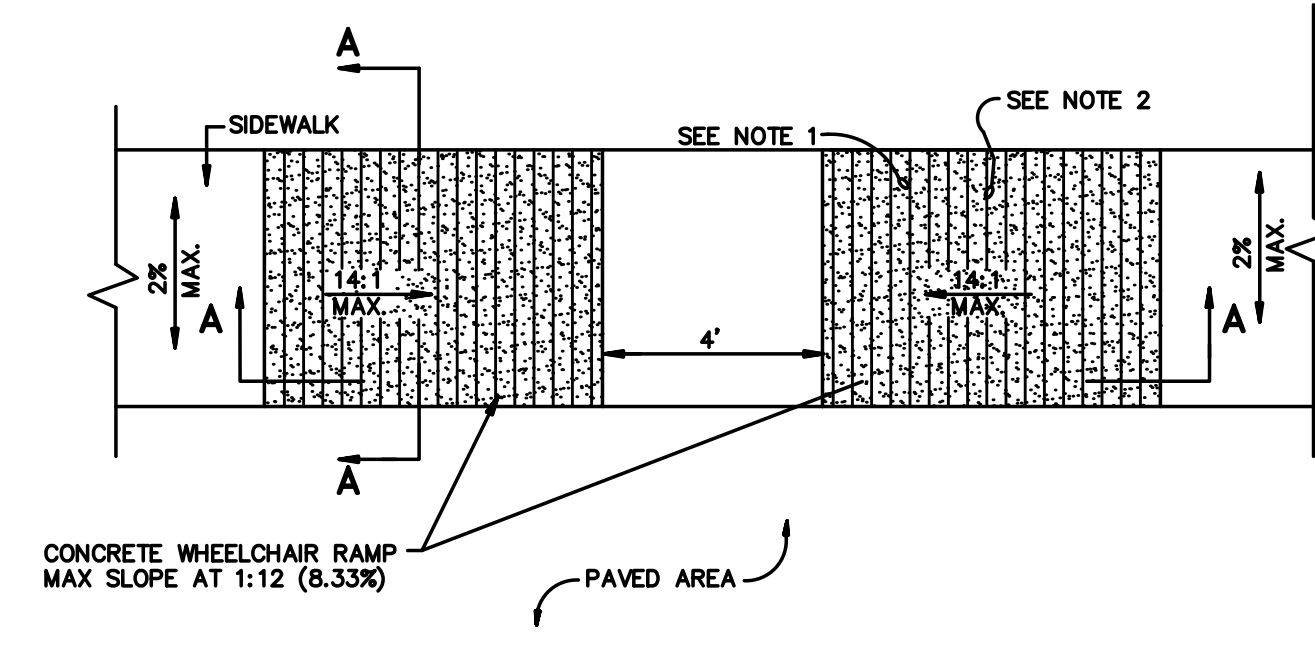
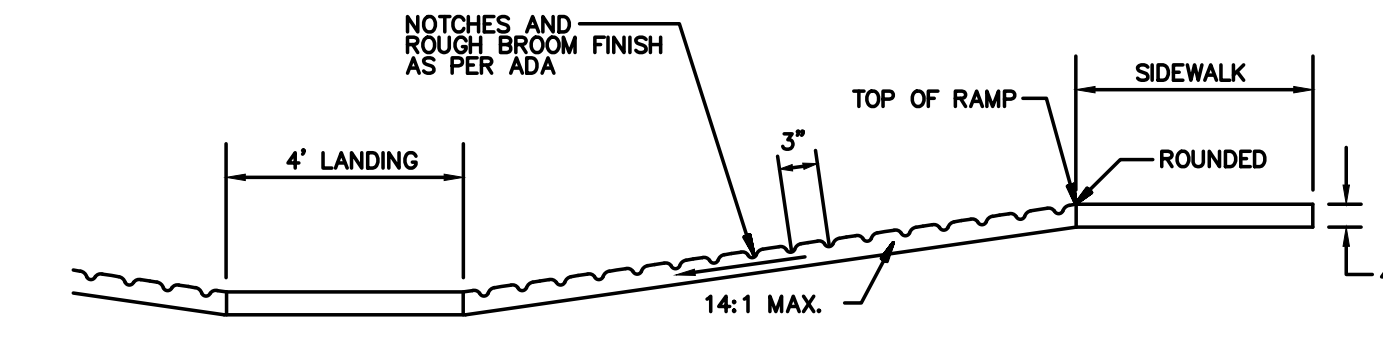


1. BACKER ROD W/ SELF-LEVELING SEALANT; 1/2" WIDE
2. PREFORMED JOINT FILLER; FULL DEPTH
3. 12" SMOOTH #4 DOWEL W/ ENDCAP @ 12" O.C. EMBEDDED 6"
4. CAST-IN-PLACE CONCRETE
5. AGGREGATE SUBBASE

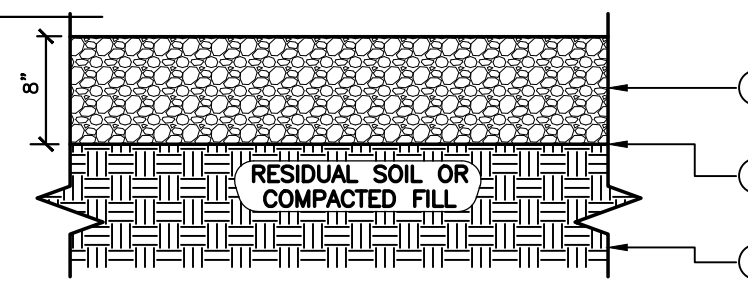
**CAST-IN-PLACE CONCRETE
EXPANSION JOINT**
N.T.S.

- NOTES:**
1. THE SURFACE OF RAMP SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK EXCEPT WHEN LOCATED IN THE CENTER OF CURB RETURN.
 2. THE RAMP SHALL BE GROOVED IN A TRANSVERSE PATTERN WITH 1/4" GROOVES APPROXIMATELY 1-1/2" O.C. SEE SECTION A-A.
 3. THE BOTTOM OF THE RAMP SHALL HAVE A 1/2" LIP OF 45°.
 4. RAMP SIDE SLOPE VARIES UNIFORMLY FROM A MAXIMUM OF UP TO 14:1 AT CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO TOP OF THE RAMP.

SIDE FLARES SHALL NOT EXCEED 1:12.

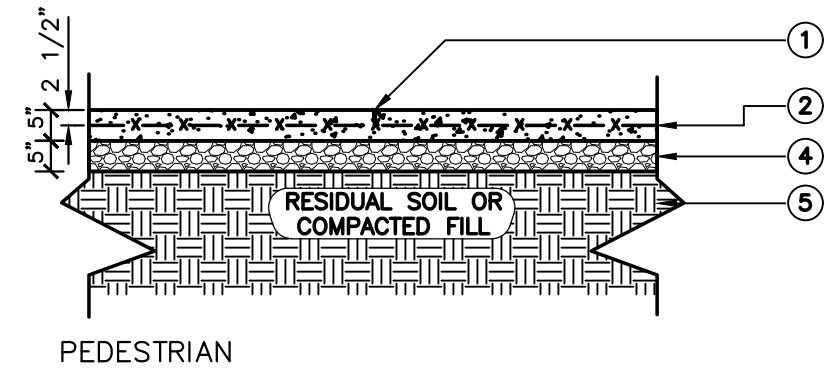


**PLAN
ACCESSIBLE RAMP
IN SIDEWALK**
N.T.S.



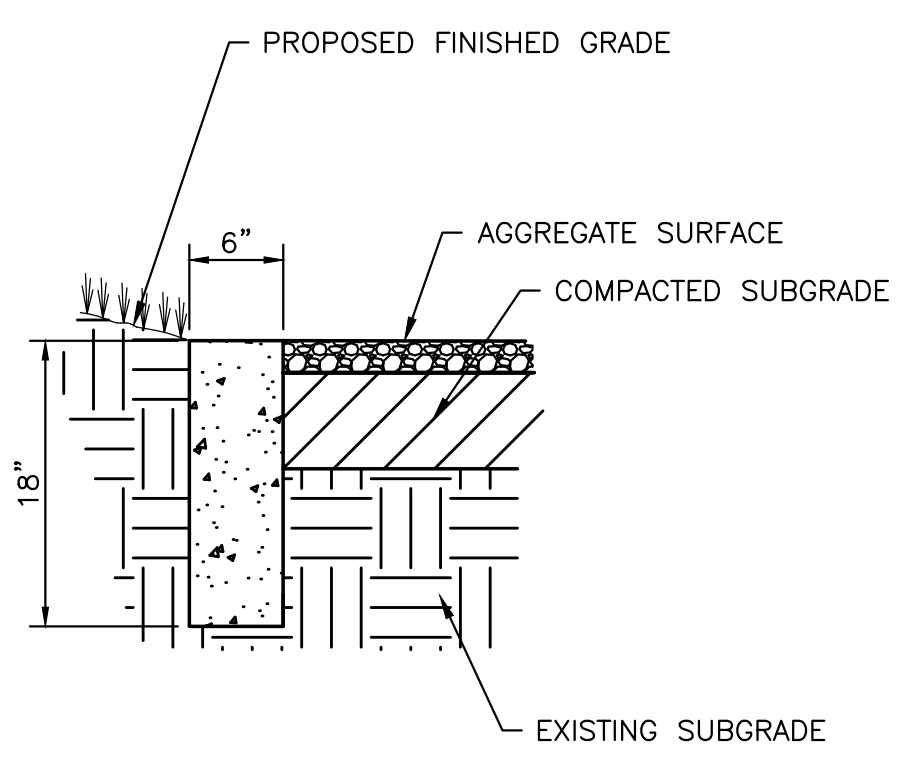
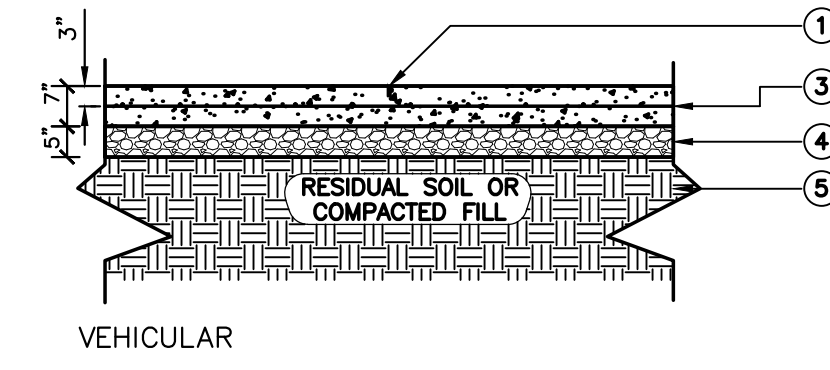
1. #57 STONE, WASHED, COMPACTED
2. GEOTEXTILE FABRIC (GEOTEX 601 OR APPROVED EQUAL)
3. UNDISTURBED SOIL OR COMPACTED FILL

**VEHICULAR STABILIZED GRAVEL,
TYPICAL**
N.T.S.



1. 1/4" SAWCUT CONTROL JOINT, 1" DEPTH, BUT NOT LESS THAN 25% OF SLAB DEPTH (SEE PLAN FOR LOCATION)
2. CONCRETE PAVING WITH 6X6 W1.9XW1.9 REINFORCEMENT
3. CONCRETE PAVING WITH #4 BARS @12" O.C.E.W.
4. COMPACTED AGGREGATE BASE COURSE (ALDOT 301A)
5. COMPACTED SUBGRADE OR UNDISTURBED SOIL

CONCRETE PAVING, PEDESTRIAN OR VEHICULAR
N.T.S.



AGGREGATE PAVING NOTES

1. SUBGRADE, MINIMUM DEPTH OF 12", SHALL BE COMPACTED TO 98% OF STANDARD PROCTOR WITHIN 2% OF OPTIMUM MOISTURE CONTENT.
2. THE GRADED AGGREGATE BASE COURSE SHOULD MEET OR EXCEED THE REQUIREMENTS OF THE STATE OF ALABAMA STANDARD OF SPECIFICATIONS FOR CONSTRUCTION.
3. ASPHALT CONCRETE SURFACE COURSE AND BINDER COURSE SHOULD MEET OR EXCEED THE REQUIREMENTS OR EXCEED THE REQUIREMENTS OF THE STATE OF ALABAMA STANDARD OF SPECIFICATIONS FOR CONSTRUCTION.
4. CONTRACTOR SHALL PLACE SURFACE COURSE PARALLEL WITH TRAFFIC FLOW.
5. THE ACCEPTABLE CBR VALUE FOR SUBGRADE SHALL BE 7 OR GREATER.
6. THE UPPER 12 INCHES OF ALL SUBGRADE UNDER PAVEMENT SHALL BE COMPACTED TO 98% OF MAXIMUM DENSITY, STANDARD PROCTOR DENSITY.

FLUSH CURB DETAIL
N.T.S.

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NO.	DATE	DESCRIPTION
1	NOVEMBER 14, 2023	ISSUE FOR PERMITS
2	JANUARY 12, 2023	REVISED
3	MARCH 24, 2023	REVISION: ALI BID AREA REFERENCE

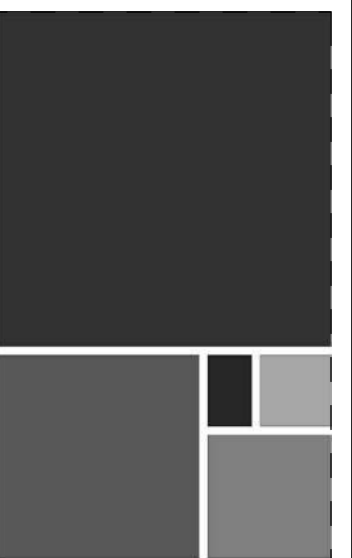
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PROJECT STATUS
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DATE
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**CONSTRUCTION
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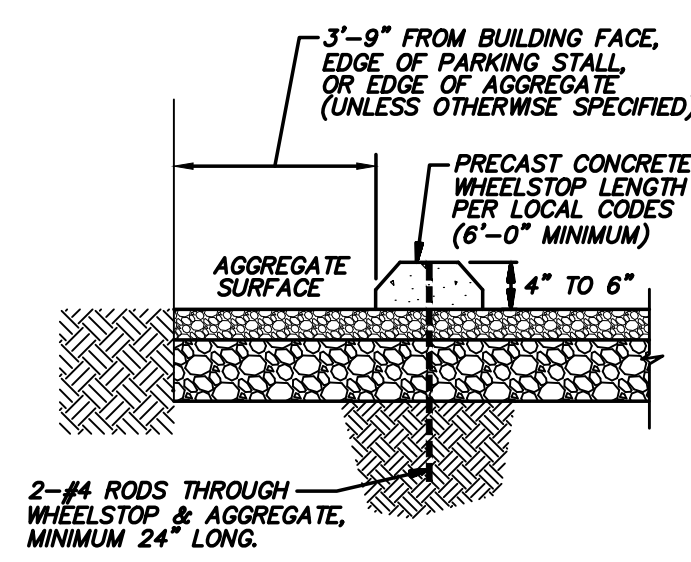
PROJECT STATUS: **CONFORMANCE SET**

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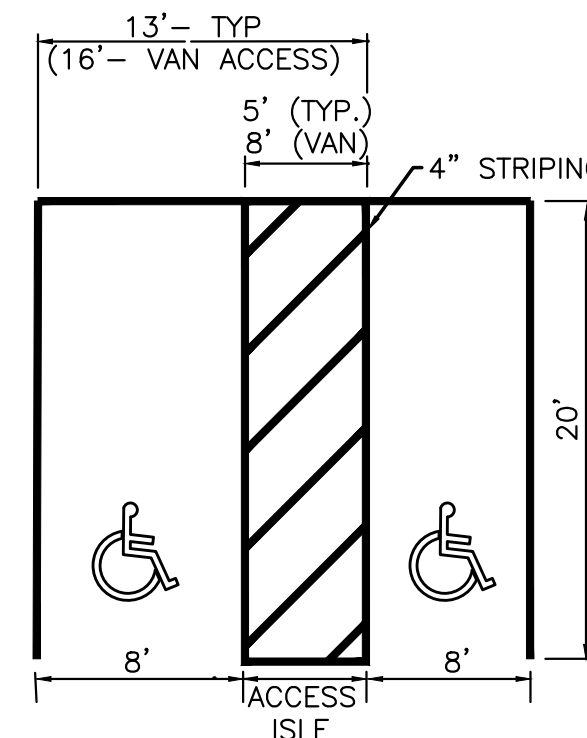
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DETAIL SHEET**

SHEET NO.

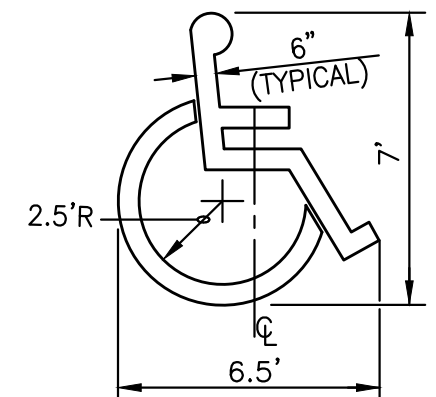
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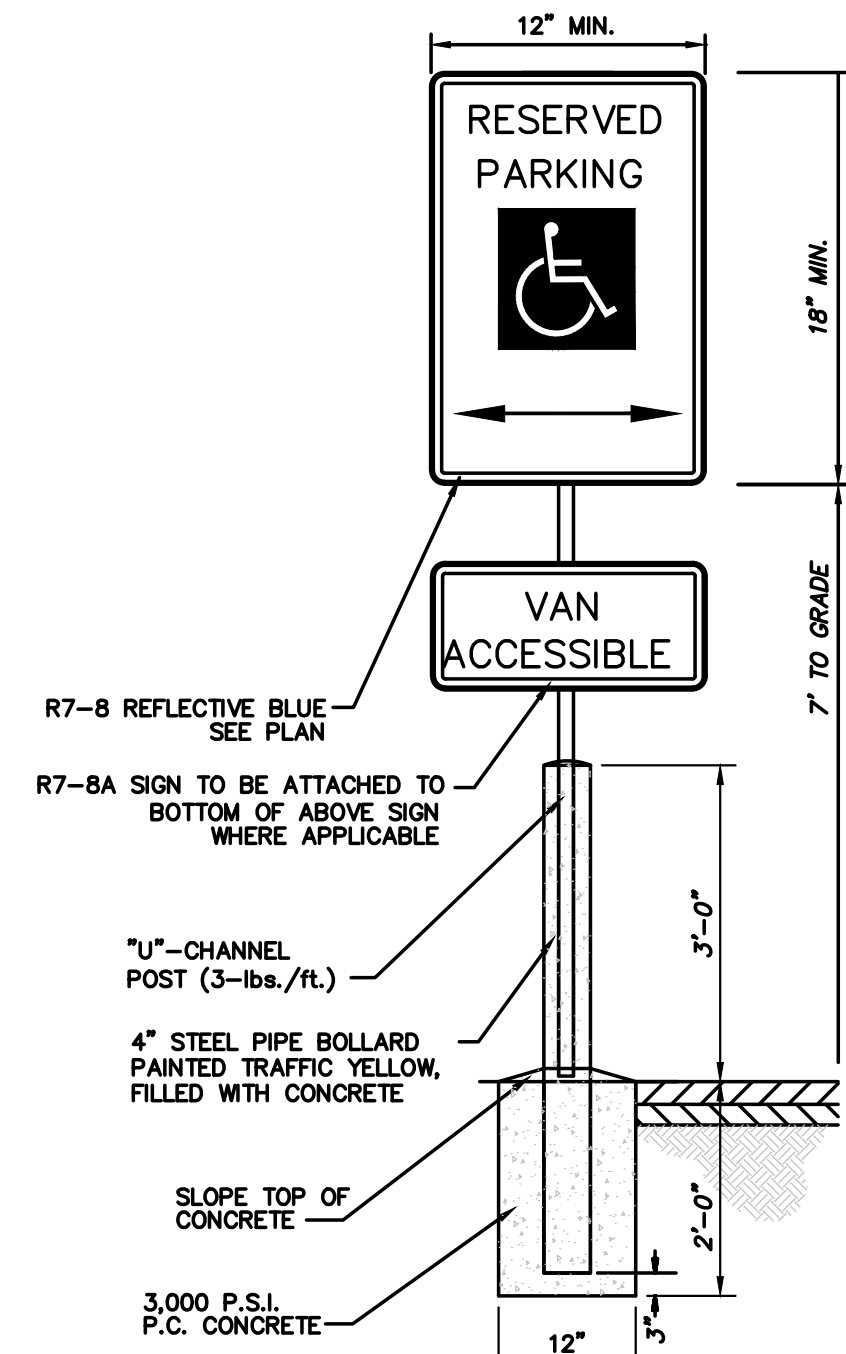
**PRECAST CONCRETE
WHEELSTOP**
N.T.S.



- NOTES:**
1. SEE SITE PLAN FOR LAYOUT AND LOCATION
 2. THESE DETAILS ARE FOR REFERENCE AND DIMENSION CONTROL ONLY
 3. ALL DIMENSIONS ARE TO C OF STRIPE UNLESS OTHERWISE INDICATED
 4. 2% MAXIMUM SLOPE IN ALL DIRECTIONS WITHIN THE ACCESSIBLE SPACE

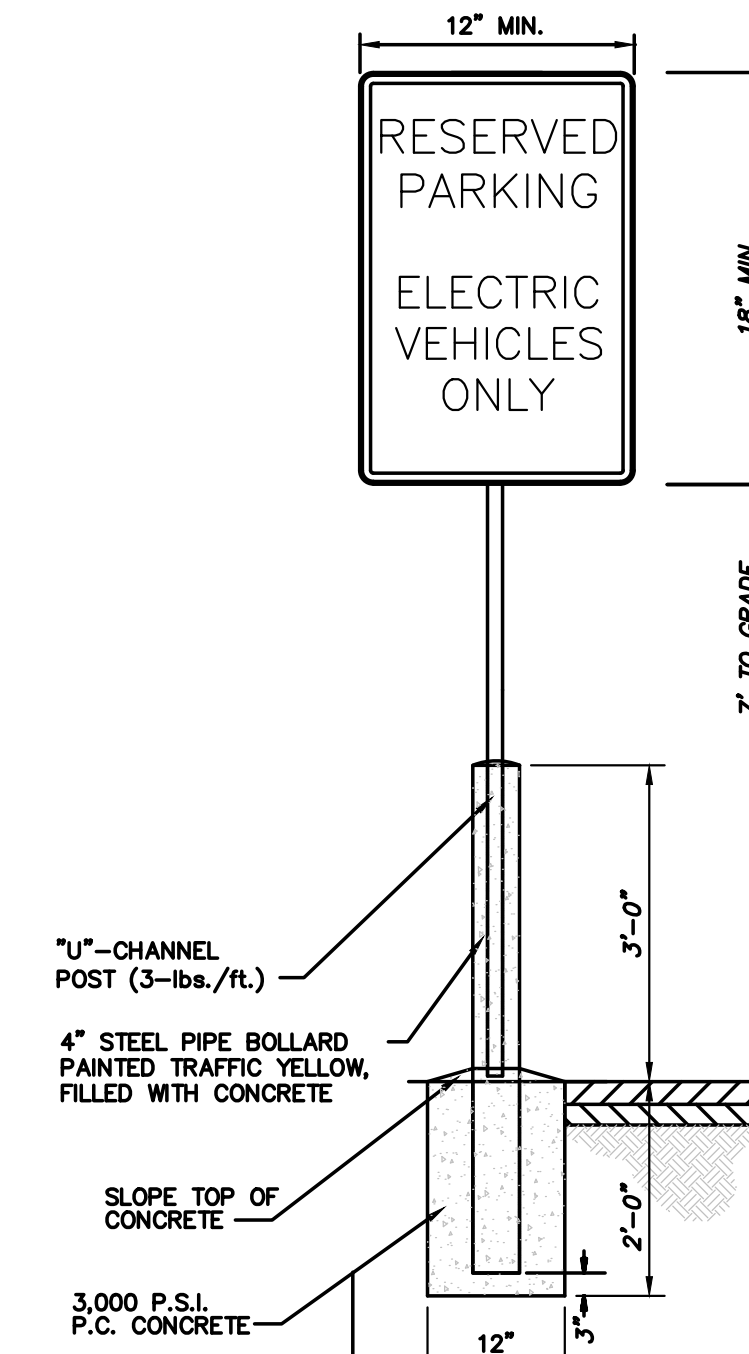


ACCESSIBLE PARKING SYMBOL
LOCATE AT EDGE OF
PARKING SPACE UNLESS
ACCOMPANIED BY "VAN" LETTERING



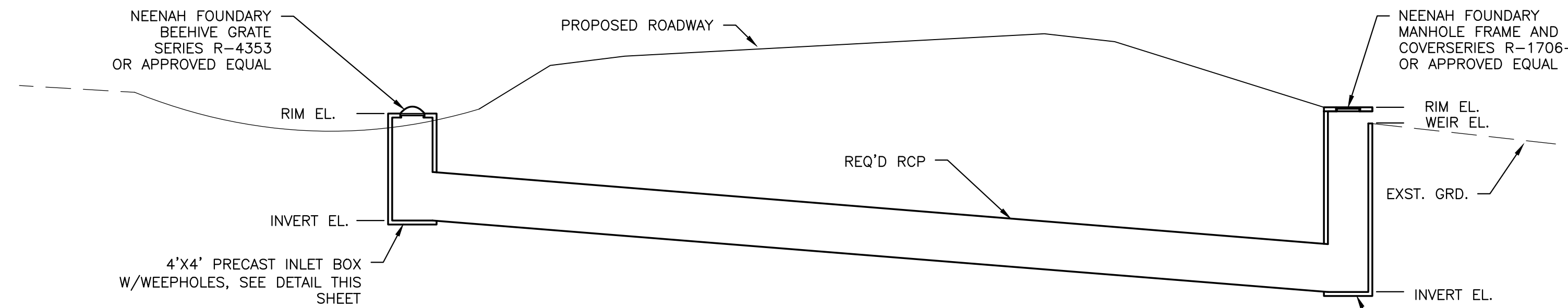
LOCATE AT EDGE OF PARKING SPACE UNLESS
ACCOMPANIED BY "VAN" LETTERING

**ADA STRIPING AND SIGNAGE
DETAIL**
N.T.S.



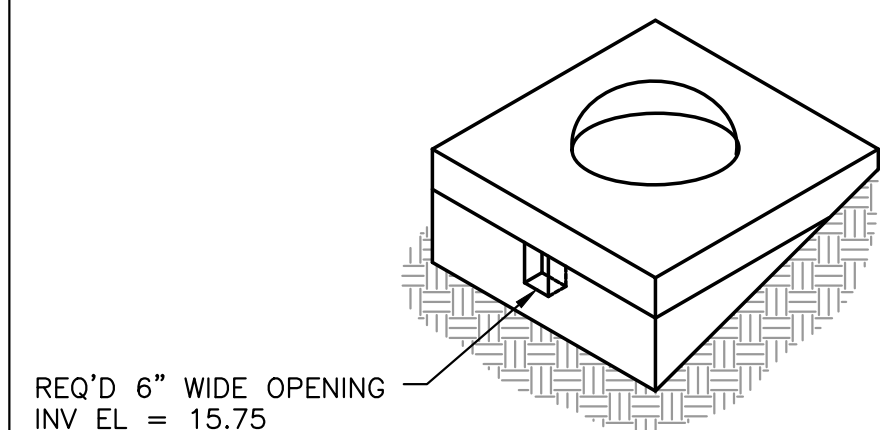
LOCATE AT EDGE OF PARKING SPACE

**ELECTRIC VEHICLE SIGNAGE
DETAIL**
N.T.S.

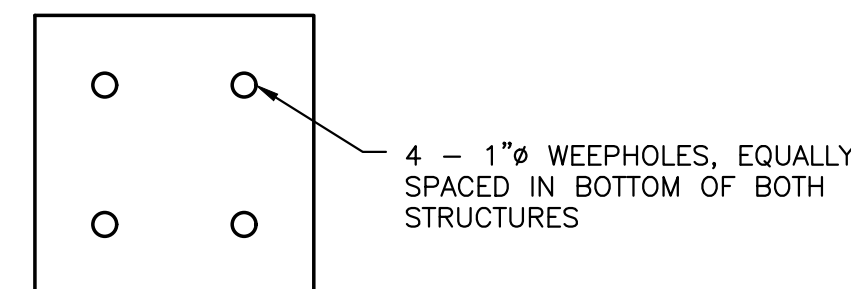


SEE GRADING PLAN FOR
LOCATIONS, ELEVATIONS
& PIPE SIZES

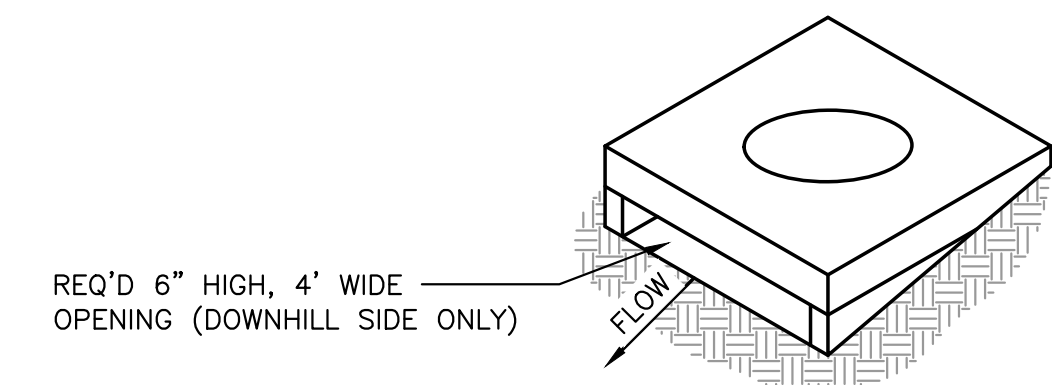
SECTION VIEW
N.T.S.



**GRATE INLET #2 TOP
DETAIL**
N.T.S.

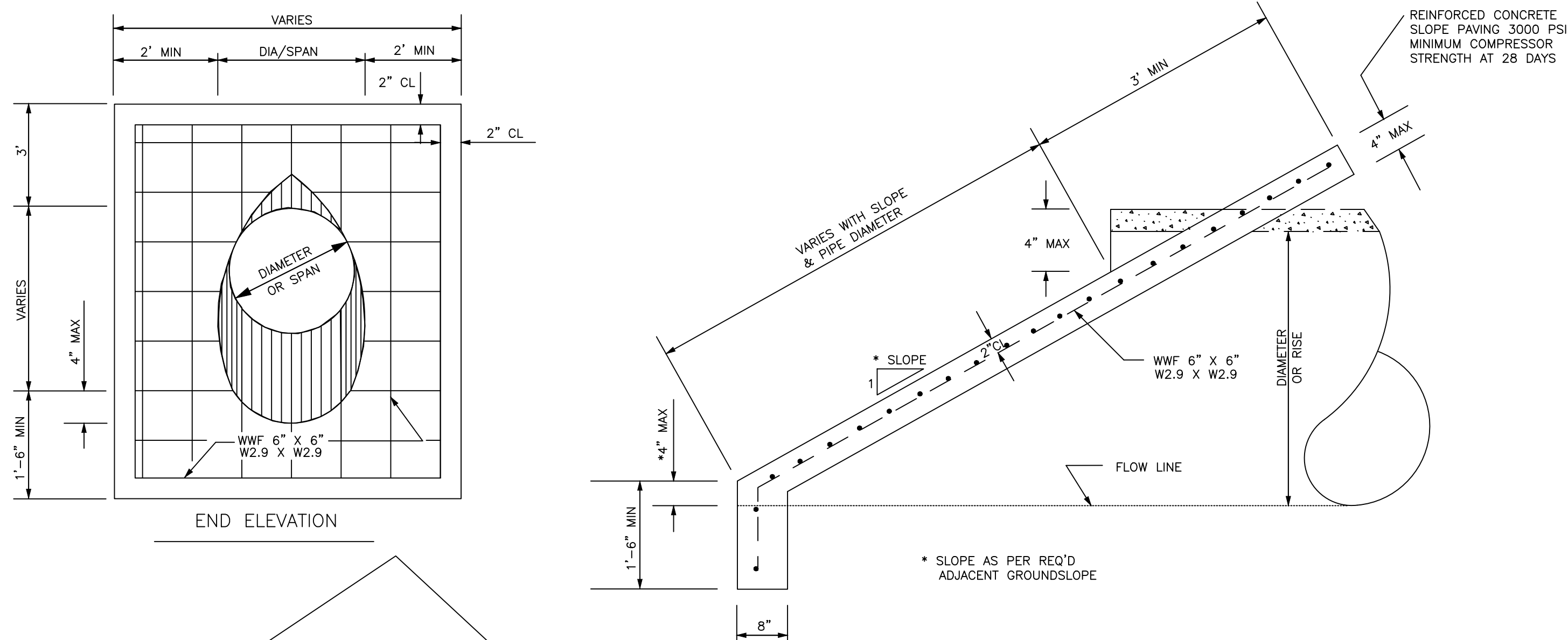


**PRECAST INLET STRUCTURE
WEEPHOLES DETAIL**
N.T.S.



**DOWNSTREAM STRUCTURE
TOP DETAIL**
N.T.S.

**TYPICAL DRAINAGE
CROSSING DETAIL**
N.T.S.

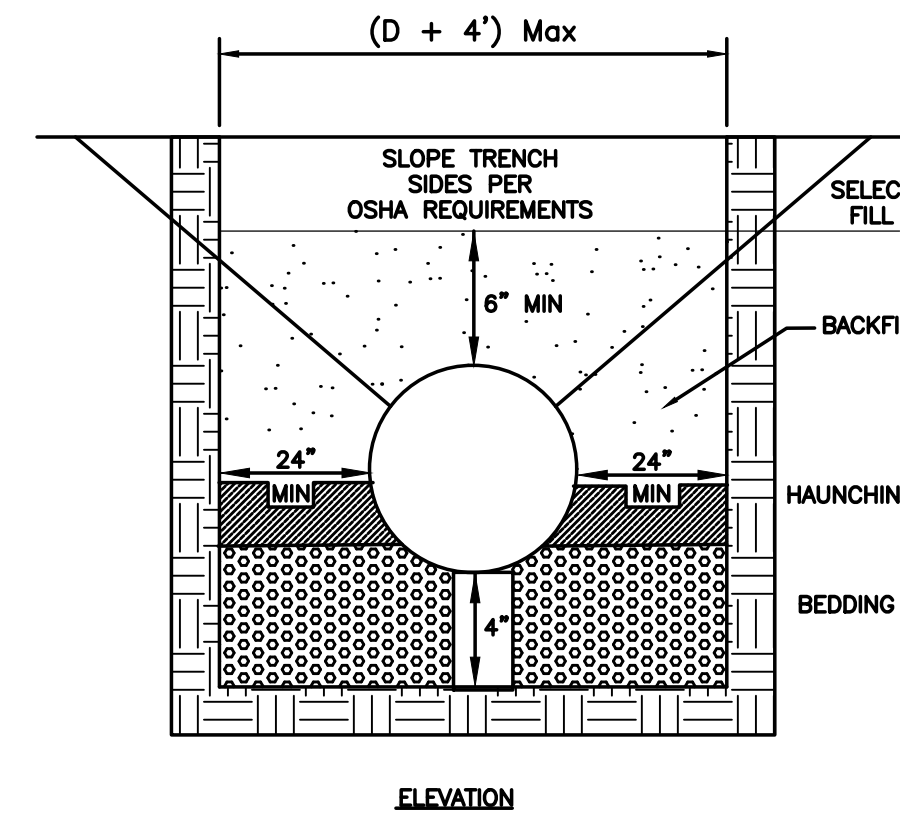


SLOPE PAVED HEADWALL NOTES

1. THE FILL IS TO BE PLACED AND ALL SHORING REMOVED BEFORE THE SLOPE PAVING IS PLACED.
2. CONCRETE PIPE SHALL BE BEVELED BY SAWING AFTER SLOPE PAVING HAS BEEN PLACED AND SUFFICIENTLY CURED (SOME HAND FINISHING MAY BE NECESSARY.) METAL PIPE SHALL BE SHOP CUT. CORRUGATED HDPE PIPE MAY BE FIELD BEVELED PRIOR TO PAVING OR SHOP CUT.
3. CONTRACTOR SHALL INSURE THROUGH MECHANICAL MEANS OR OTHER APPROVED DEVICES THAT CONNECTION BETWEEN BEVELED PIPE END AND CONCRETE WILL NOT BE DETACHED. CORRUGATED HDPE PIPE SHALL HAVE 1/2" O X 6" GALVANIZED HOOK BOLTS WITH WASHERS LOCATED AT 30" O.C. FOR THE TOE AND 1/2" O X 6" GALVANIZED THREADED HEX HEAD BOLTS WITH WASHERS LOCATED ON 2'-0" CENTERS FOR SIDES. ANCHOR BOLTS INTO CONCRETE.
4. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.

ALDOT SLOPE PAVED CONCRETE HEADWALL
N.T.S.

GFA1



STORM SEWER INSTALLATION DETAIL FOR RCP & ULTRA FLO

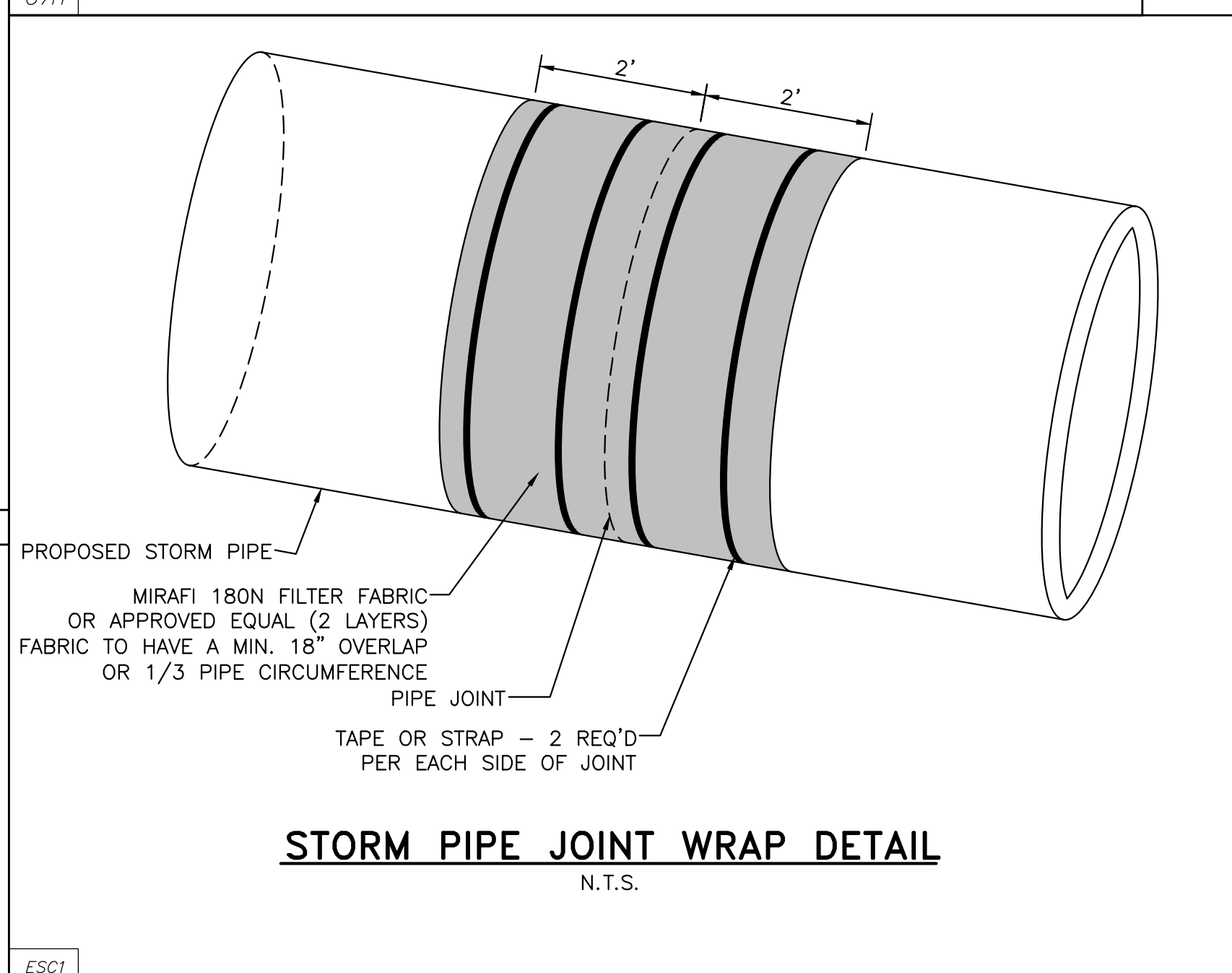
1. THE PIPE BEDDING IS A RELATIVELY THIN LAYER OF LOOSELY PLACED MATERIAL TO CUSHION THE PIPE INVERT AND ALLOW THE PIPE TO REST OR SEAT INTO IT, THUS SUPPORTING THE PIPE. WHEN, IN THE OPINION OF THE ENGINEER, THE NATURAL SOIL DOES NOT PROVIDE A SUITABLE BED, A BEDDING BLANKET WITH A MINIMUM THICKNESS OF 4" DEPTH SHALL BE PROVIDED.
2. HAUNCHING AND PIPE BACKFILL SHALL BE GRANULAR MATERIAL AS SPECIFIED BY AASHTO M-145 FOR A-1, A-2, OR A-3 (SILTY, CLAYEY MATERIALS, SANDY MATERIAL OR GRAVEL MATERIALS). PLACE MATERIAL IN 8" INCH LOOSE LIFTS AND COMPACT TO 90% STANDARD PROCTOR (AASHTO 199).
3. MINIMUM COVER IS MEASURED FROM OUTSIDE OF THE PIPE WALL TO THE BOTTOM OF ASPHALT LAYER OR THE TOP OF CONCRETE PAVEMENT. CHECK EACH SIZE FOR ACTUAL MINIMUM COVER FOR H2O LOADING.

TABLE 2. CLASSIFICATIONS OF SOILS AND SOIL-AGGREGATE MIXTURES

GENERAL CLASSIFICATION	GRANULAR MATERIALS (35 PERCENT OR LESS PASSING 0.075 MM)						
	A1		A-3	A-2		A-2	
GROUP CLASSIFICATION	A-1-a	A-1-b	A-3	A-2-4	A-2-5	A-2-6	A-2-7
SIEVE ANALYSIS, PERCENT PASSING:							
2.00 MM (NO. 10)	50 MAX	—	—	—	—	—	—
0.425 MM (NO. 40)	30 MAX	50 MAX	51 MAX	—	—	—	—
0.075 MM (NO. 20)	15 MAX	25 MAX	10 MAX	35 MAX	35 MAX	35 MAX	35 MAX
CHARACTERISTICS OF FRACTION PASSING 0.425 MM (NO. 40)							
LIQUID LIMIT			—	40 MAX	41 MAX	40 MAX	41 MAX
PLASTICITY INDEX			N.P.	10 MAX	10 MAX	11 MAX	11 MAX
USUAL TYPES OF SIGNIFICANT CONSTITUENT MATERIALS	STONE FRAGMENTS, GRAVEL AND SAND		FINE SAND	SILTY OR CLAYEY GRAVEL AND SAND			
GENERAL RATINGS AS SUBGRADE	EXCELLENT TO GOOD						

RCP & PVC INSTALLATION
N.T.S.

G7H



ESC1

NO.	DATE	DESCRIPTION
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PROJECT STATUS
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DATE
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SHEET NAME
**CONSTRUCTION
DETAIL SHEET**

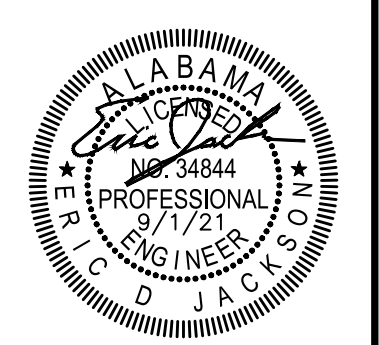
SHEET NO.

NOTES:

1. THE CONTRACTOR SHALL REFER TO THE SEWER PLAN AND PROFILE FOR ADDITIONAL DETAILS AND PROPOSED ROUTING.
2. FLOAT SWITCHES SHALL BE A CONERY MFG, INC MODEL MERCNA (PART NO. 2900-B2S1C1) FLOAT W/ A MERCURY 10° NARROW ANGLE SWITCH OR APPROVED EQUAL.
3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL DETAILS ON FLOAT SWITCH ASSEMBLY.
4. ALL MATERIALS SHALL BE IN ACCORDANCE WITH GULF SHORES UTILITIES STANDARD SPECIFICATIONS FOR GRINDER PUMP STATIONS.

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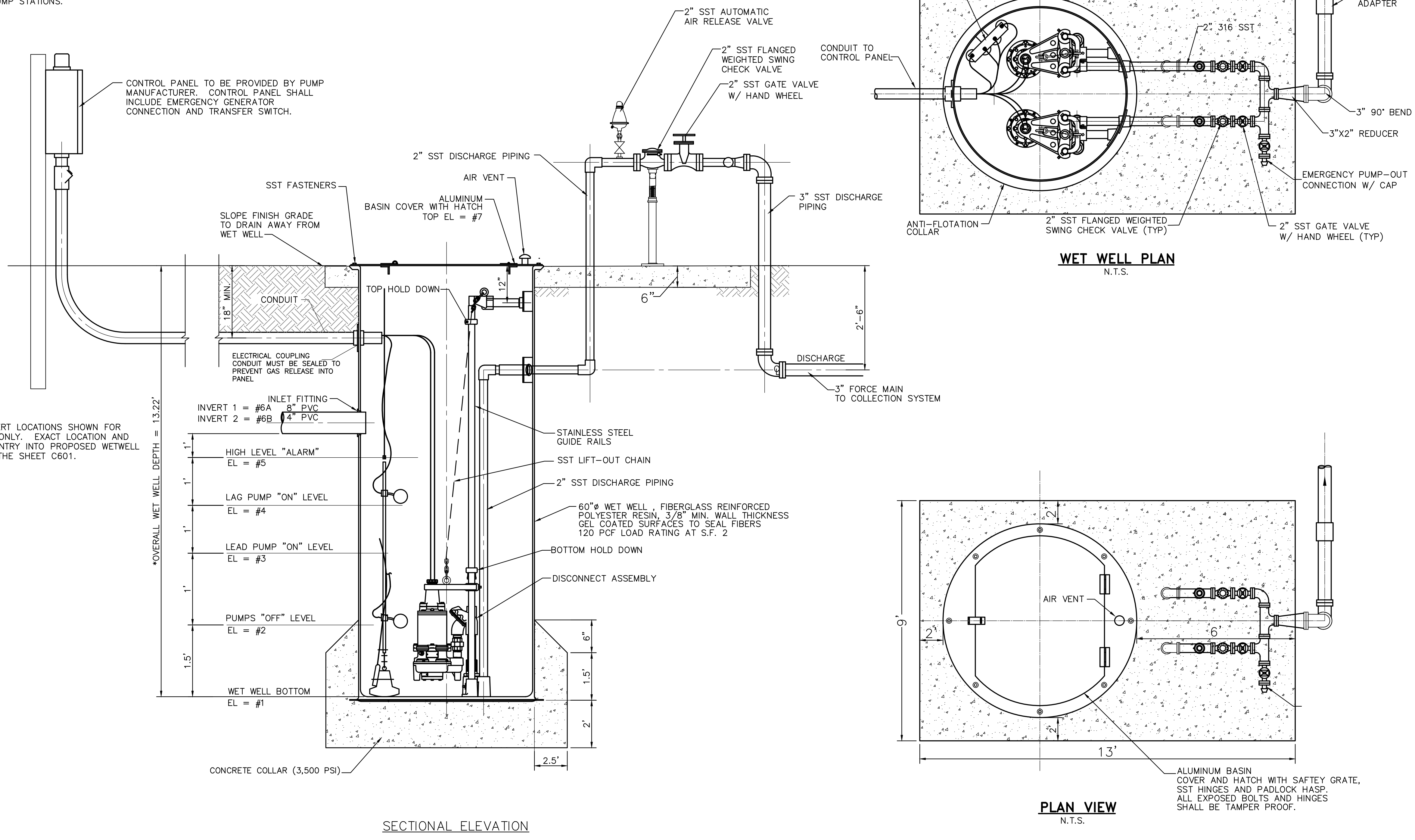
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CONFORMANCE SET

DATE
MARCH 24, 2023

SHEET NAME
CONSTRUCTION
DETAIL SHEET

SHEET NO.



ELEV. NO.	LIFT STATION #1
1	4.38
2	5.88
3	6.88
4	7.88
5	8.88
6A	12.08
6B	9.88
7	17.60

PUMP CHARACTERISTICS:

EACH PUMP SHALL BE RATED AT 75 GPM AT 41' TDH WITH A 4 HP, 3600 RPM, 230V, 3 PH, 60 HZ MOTOR. CONTRACTOR SHALL USE A FLYGT CHANNEL IMPELLER TYPE C 3068 OR APPROVED EQUAL PUMP.

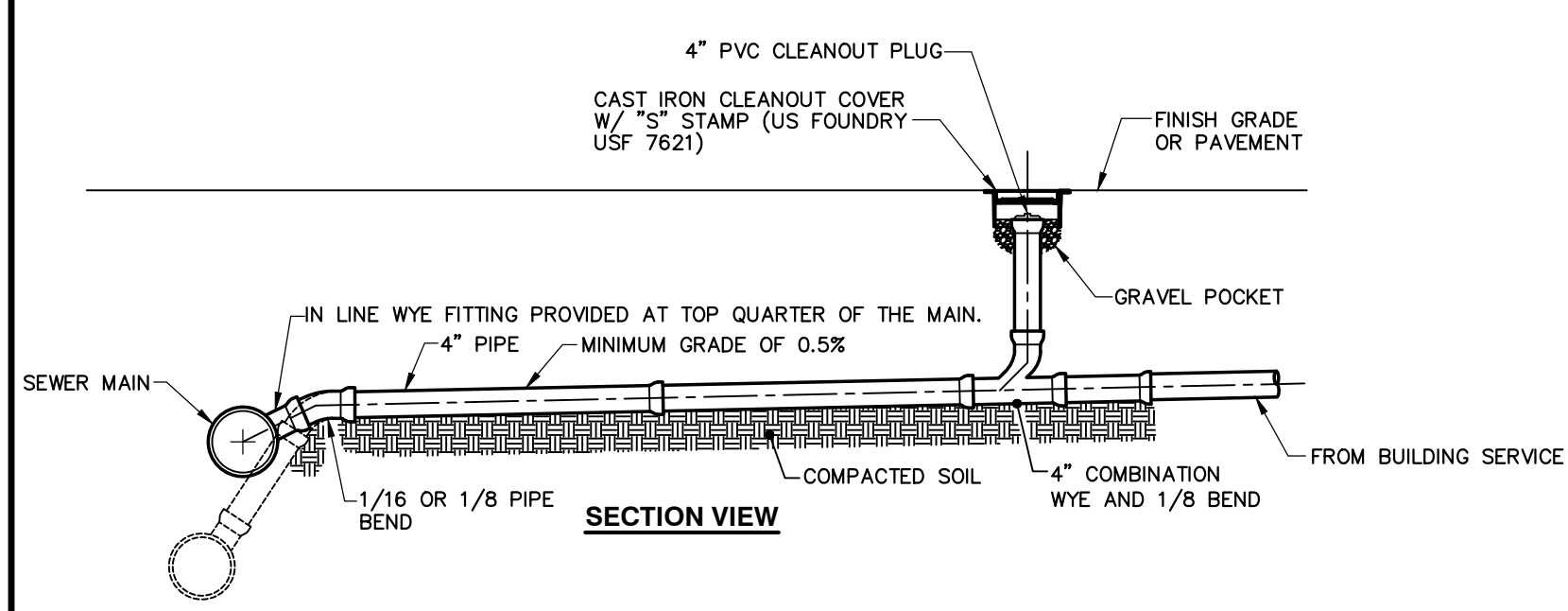
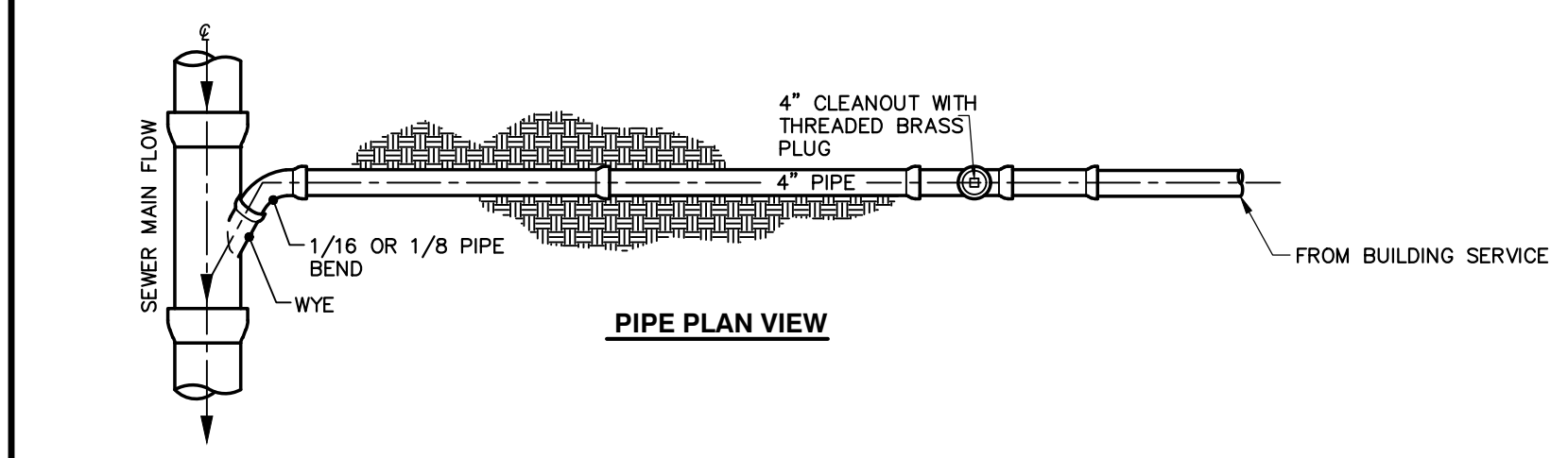
SECTIONAL ELEVATION
DUPLEX SANITARY SEWER PUMPING STATION DETAIL

PLAN VIEW
N.T.S.

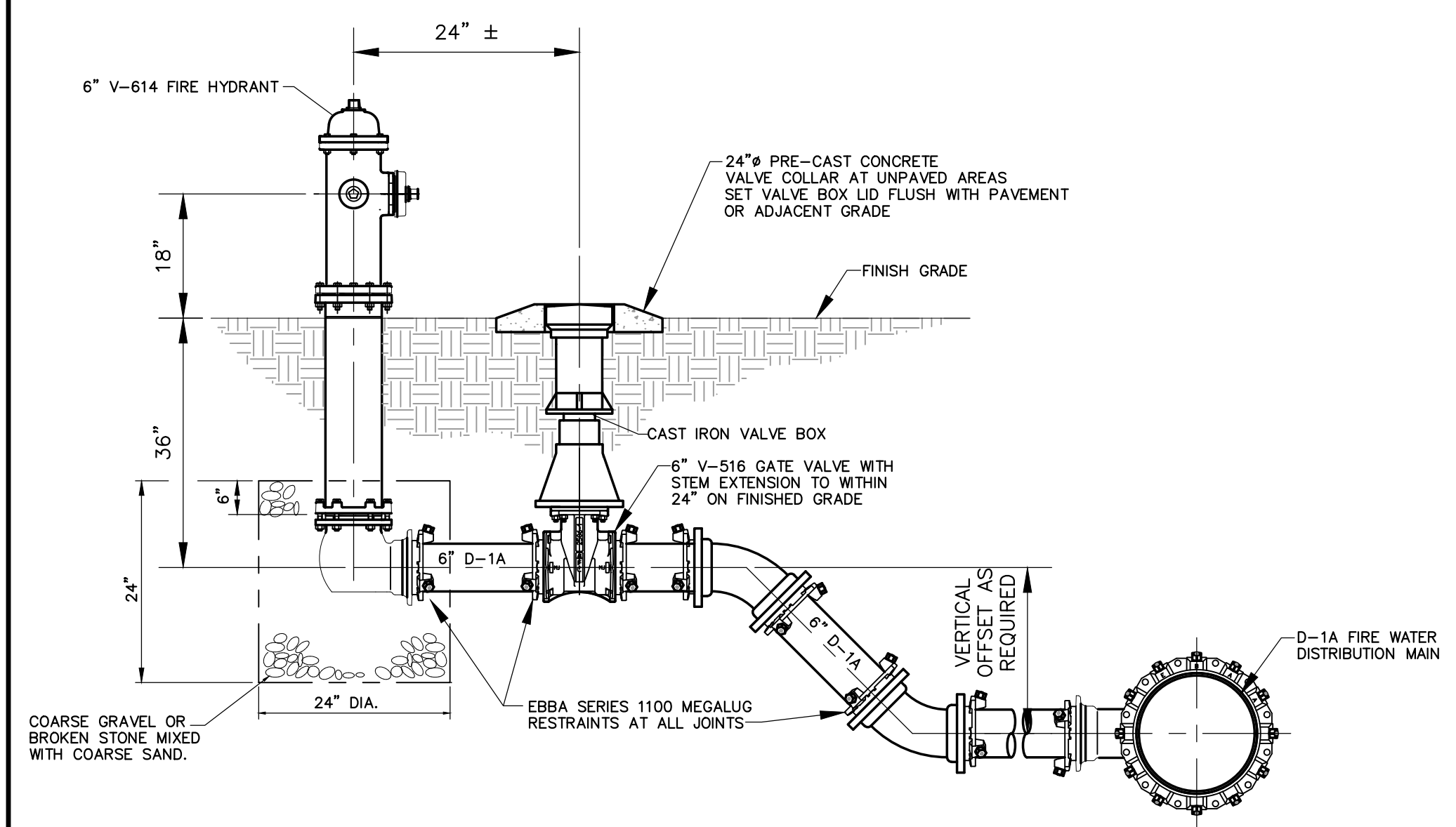
WET WELL PLAN
N.T.S.

NO.	DATE	DESCRIPTION
1	10/20/2023	ISSUED FOR PERMITS
2	10/24/2023	REVISED PER COMMENTS
3	11/01/2023	REVISED PER COMMENTS
4	11/01/2023	REVISED PER COMMENTS

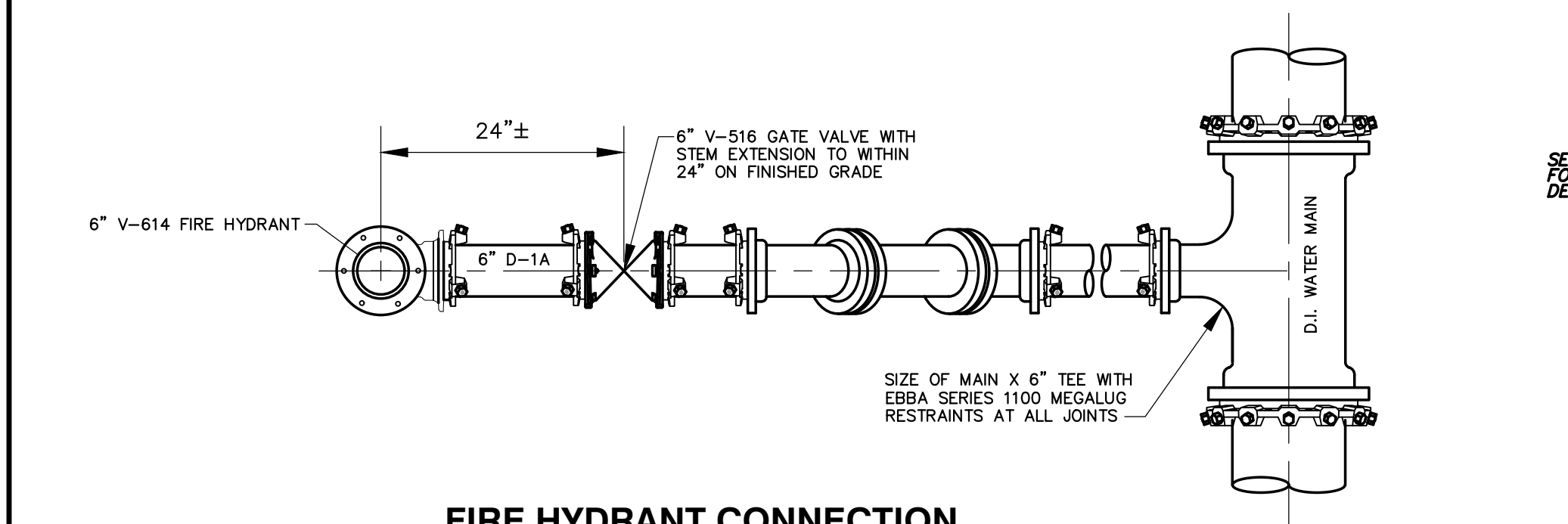
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SHEET NO.	



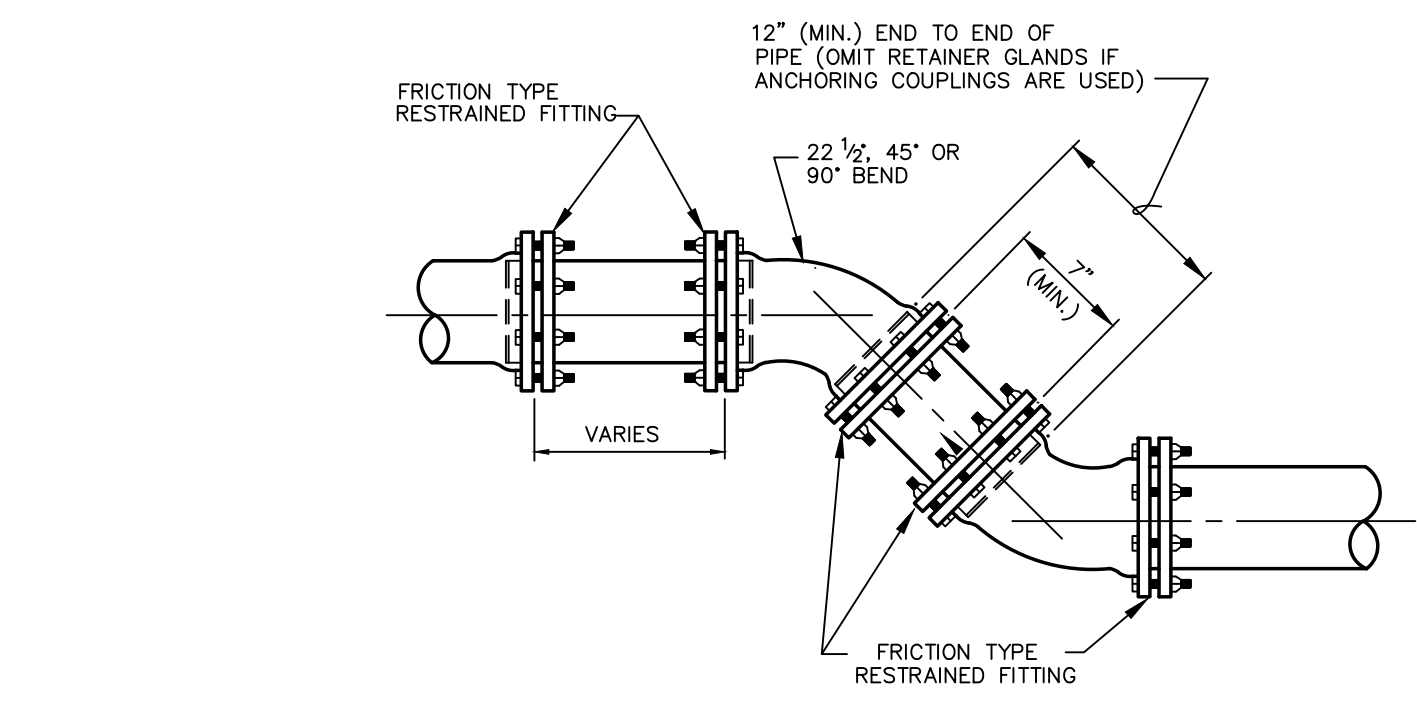
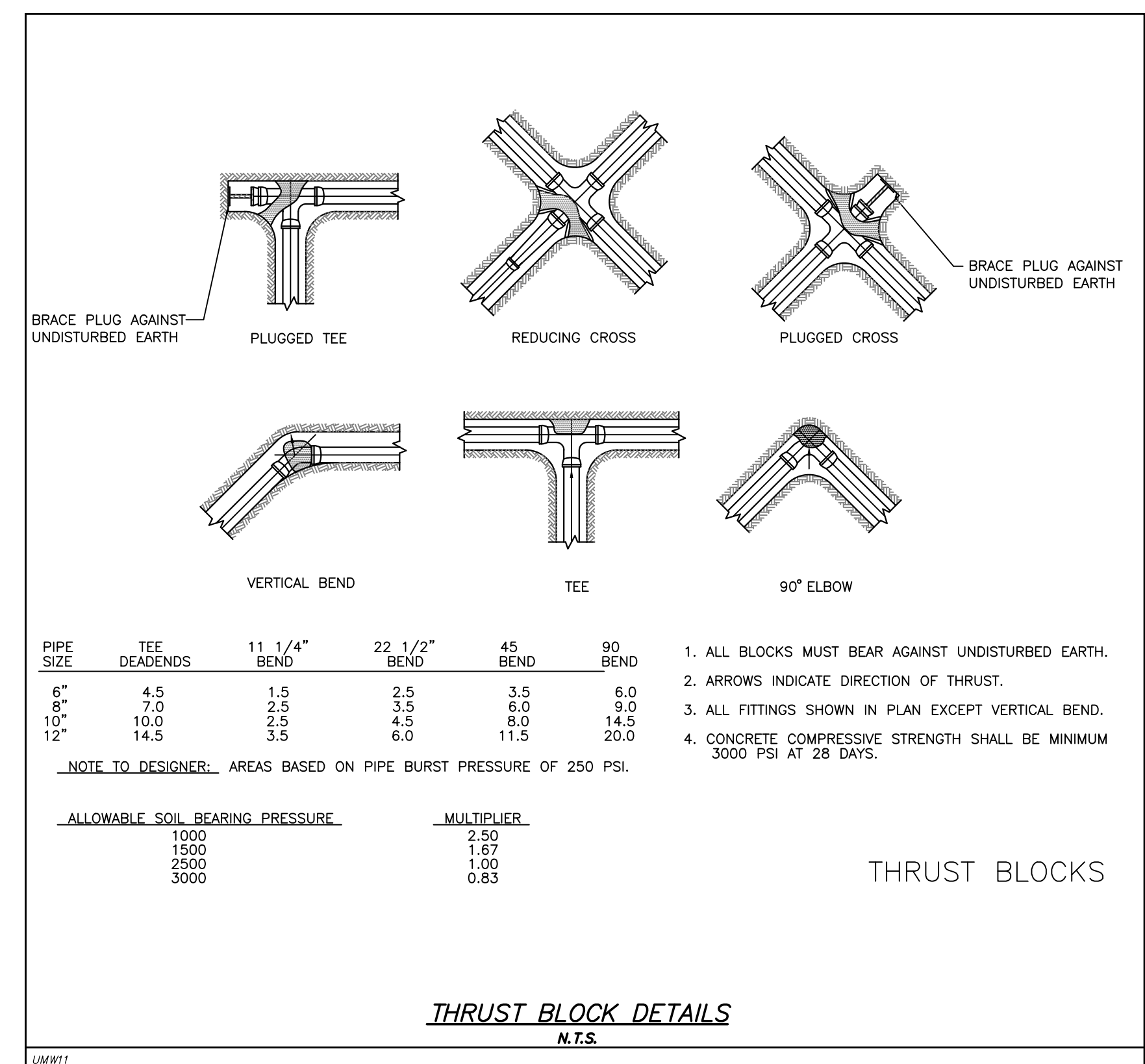
TYPICAL SANITARY LATERAL CONNECTION



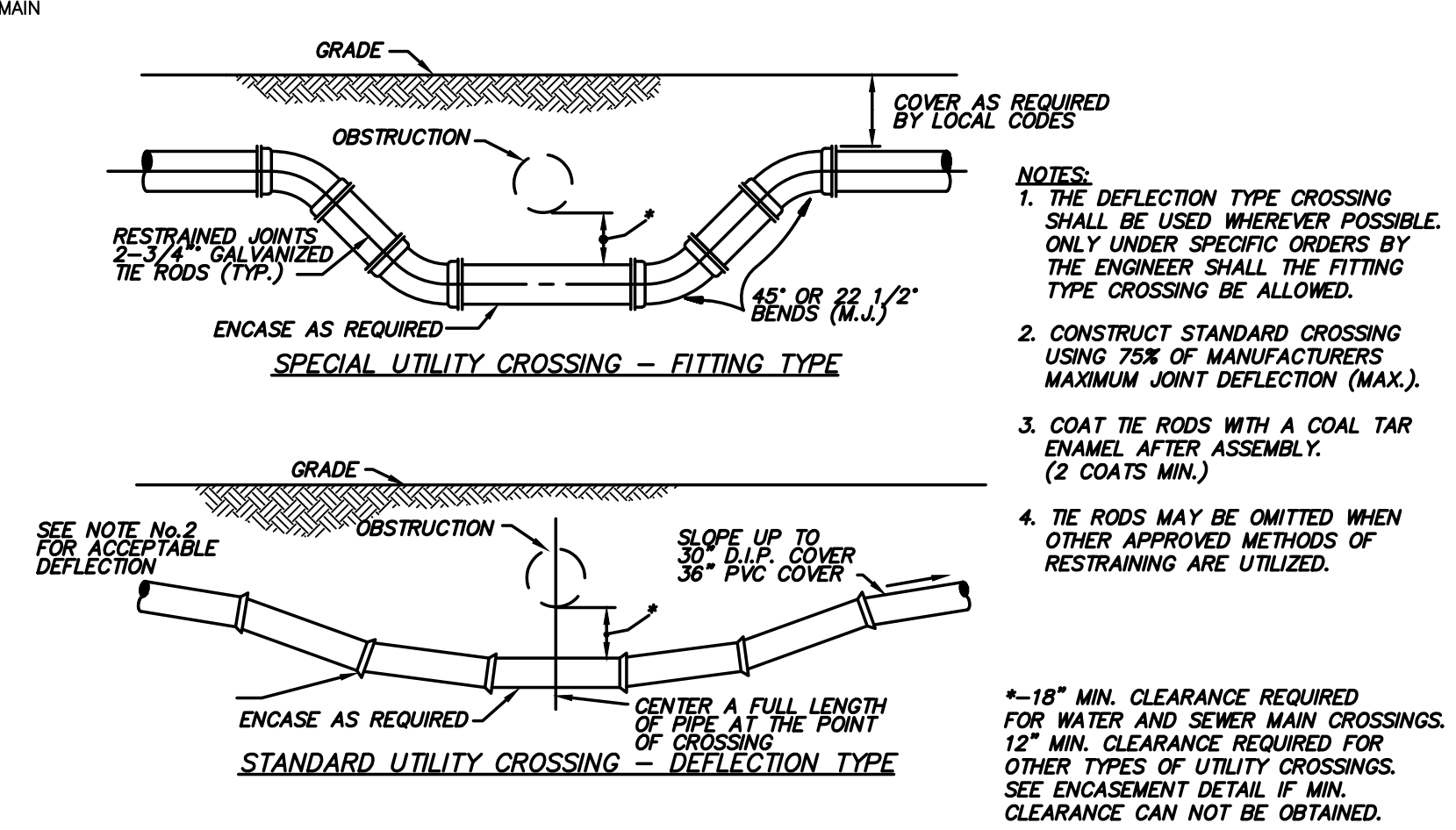
TYPICAL FIRE HYDRANT ELEVATION



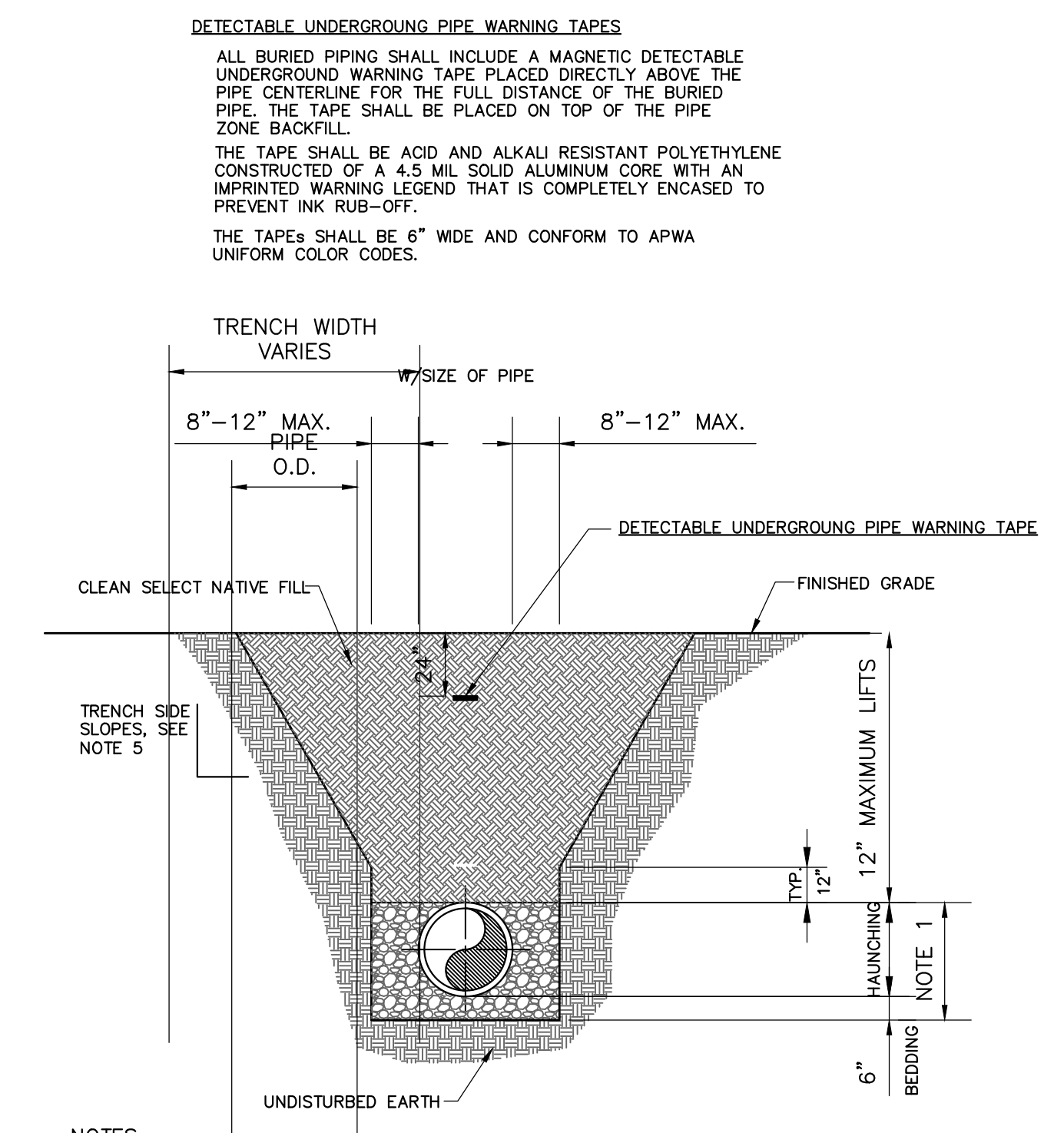
FIRE HYDRANT CONNECTION TO WATER MAIN (TYPICAL)



ANCHORING OF VERTICAL OR HORIZONTAL BENDS WHERE THRUST BLOCKS ARE NOT DESIRED

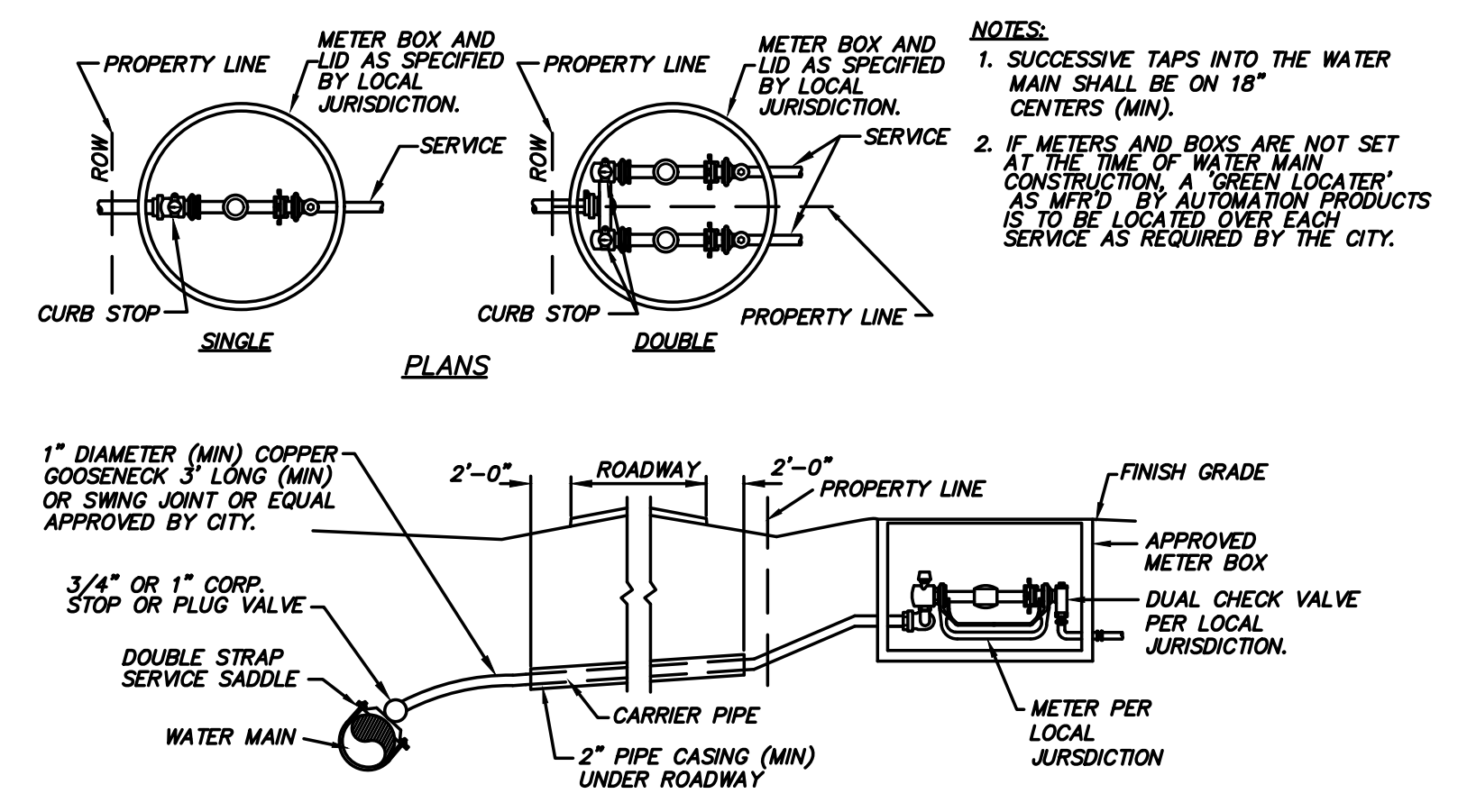


UTILITY CROSSING

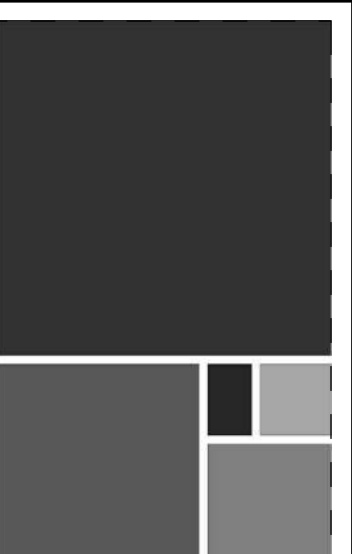


- NOTES:
- PIPE BEDDING AND HAUNCHING: #57 STONE OR BEDDING ROCK COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
 - BACKFILL: FILL COMPACTED TO 95% OF THE MAXIMUM STANDARD PROCTOR DENSITY AS PER AASHTO T-180. (98% DENSITY REQUIRED UNDER PAVEMENT, DRIVEWAYS AND STRUCTURES.)
 - WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
 - ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF FLOW.
 - CONTRACTOR SHALL EXCAVATE REQUIRED TRENCH TO PREVENT CAVE-IN AND PROVIDE TRENCH SIDEWALL STABILITY. TRENCH EXCAVATION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH OSHA AND OTHER GOVERNING SAFETY REGULATIONS TO INCLUDE ALL DEWATERING, SHEETING, AND SHORING NECESSARY TO INSTALL SEWER.

TYPICAL GRAVITY SEWER TRENCH DETAIL



WATER METER INSTALLATION



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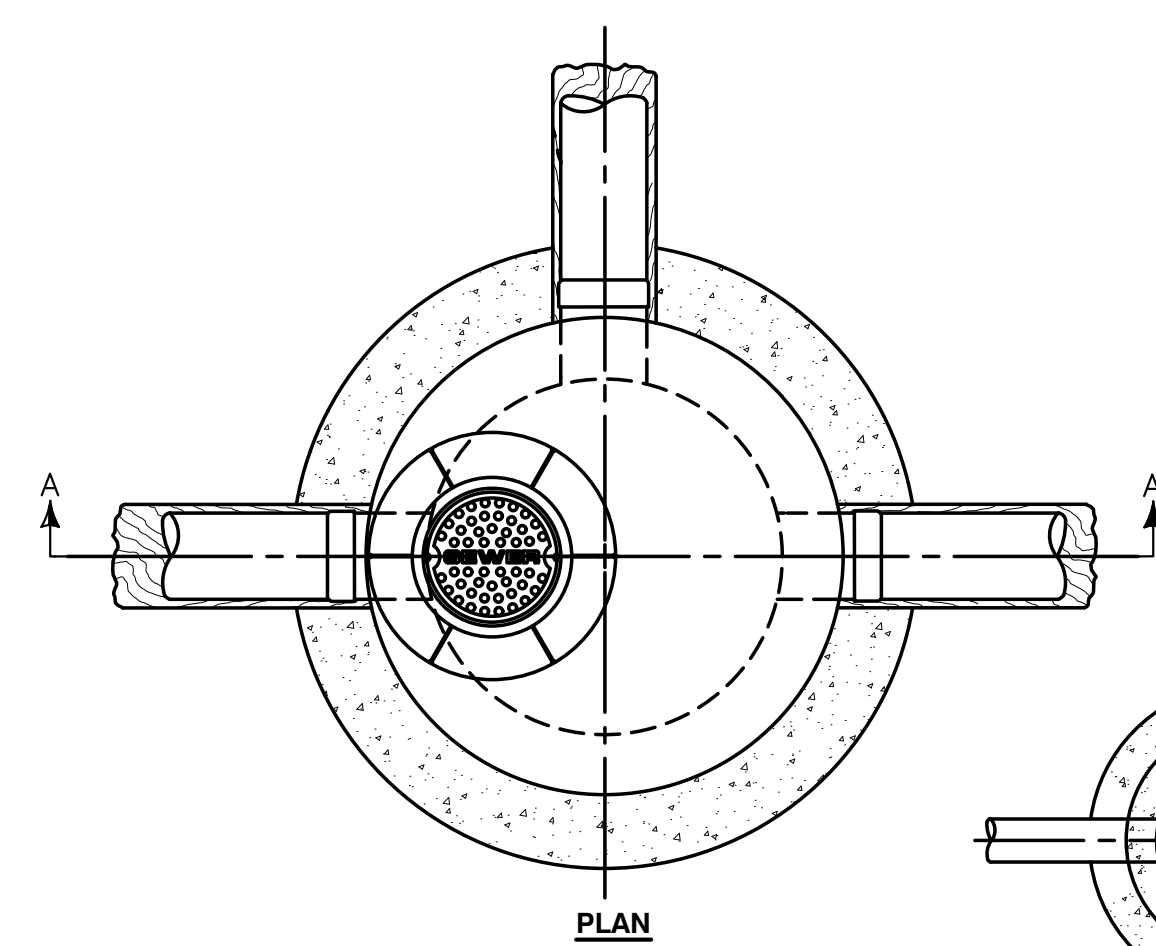
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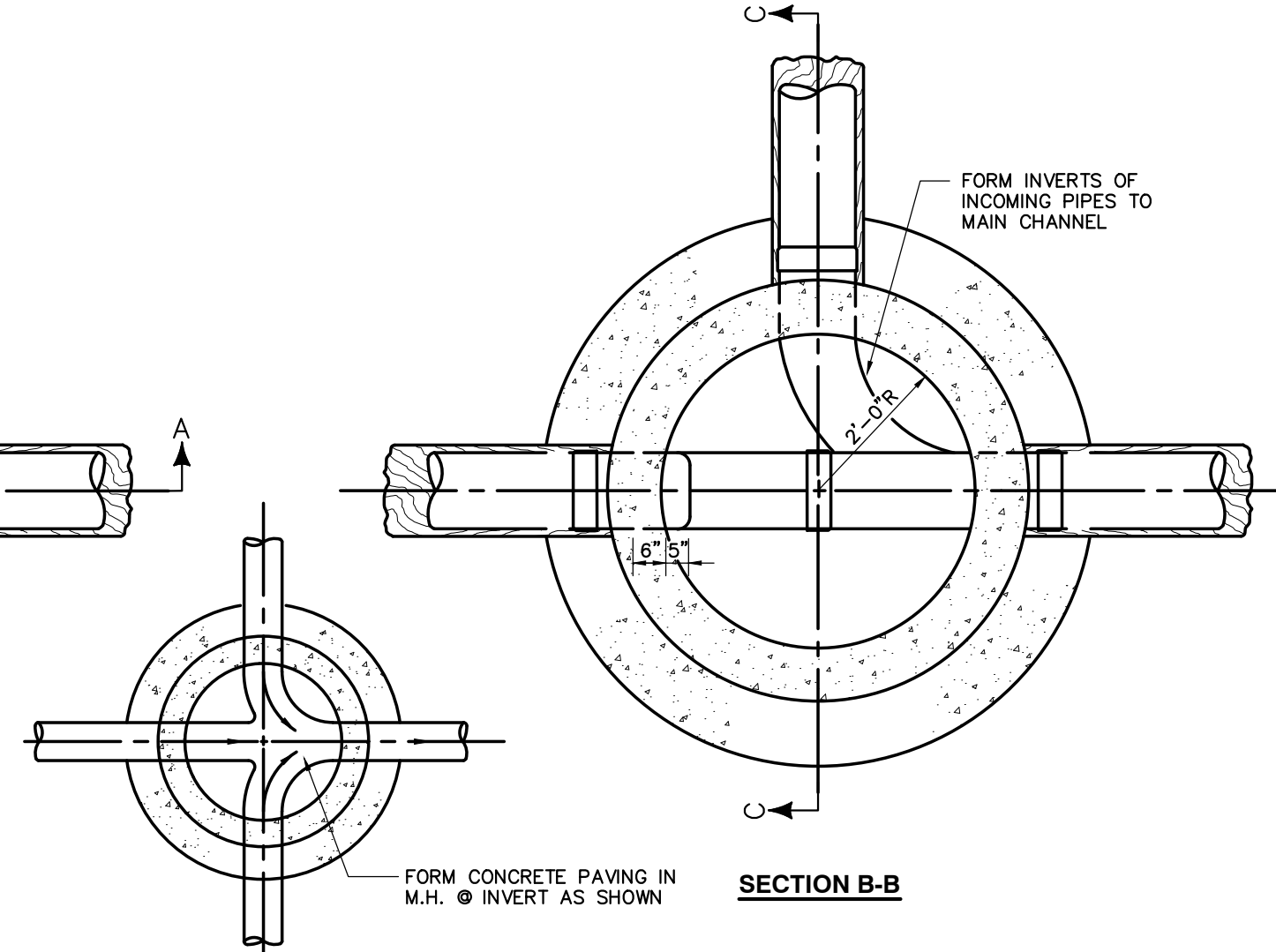
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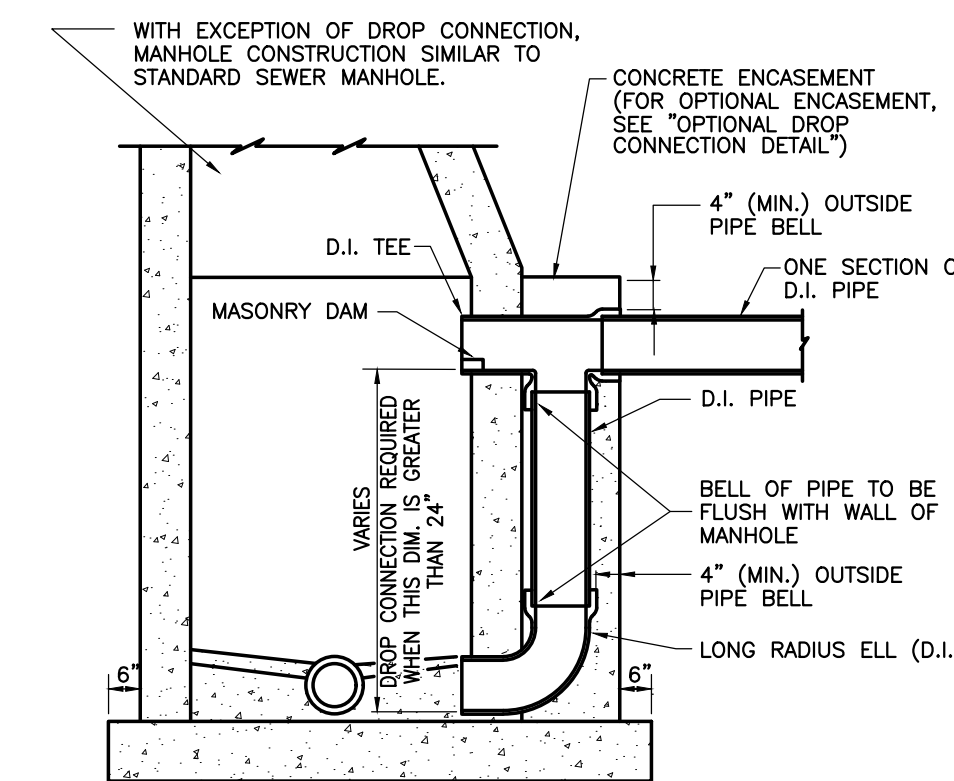
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GULF SHORES, ALABAMA



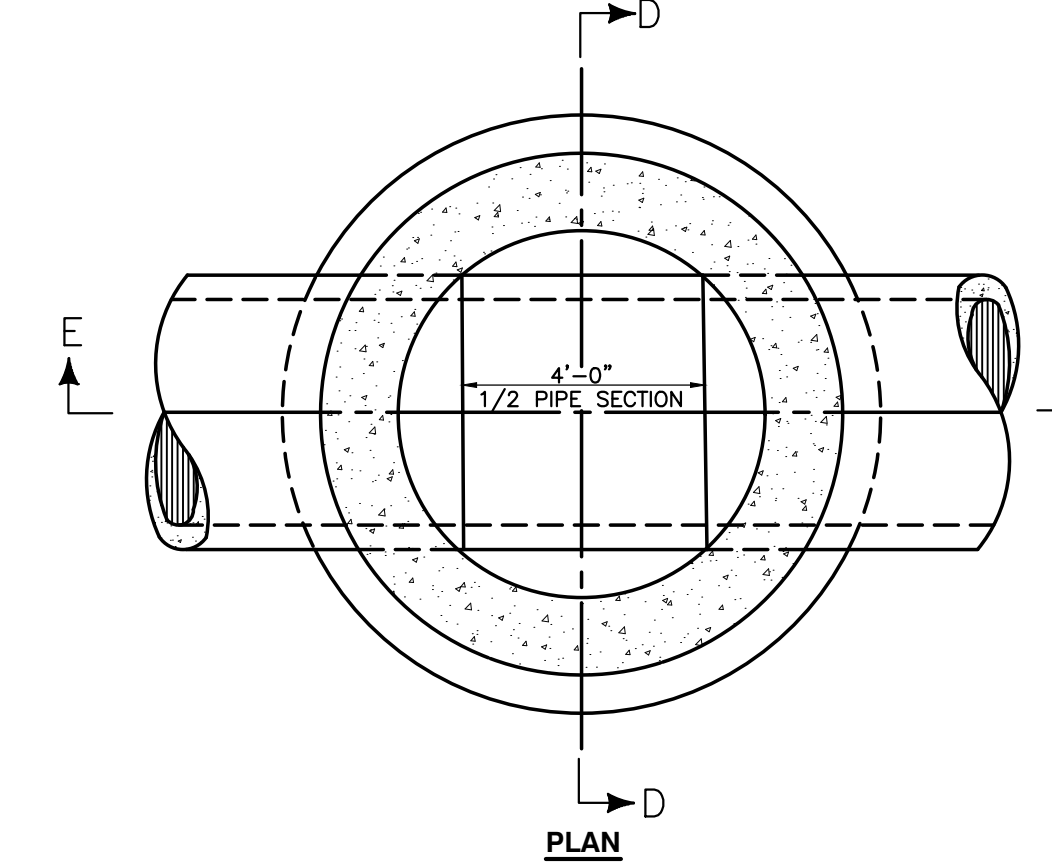
PLAN



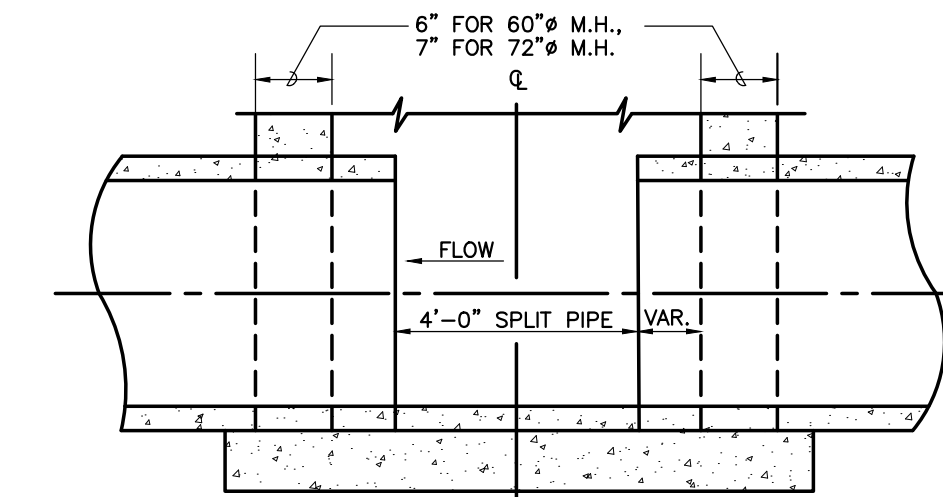
SECTION B-B



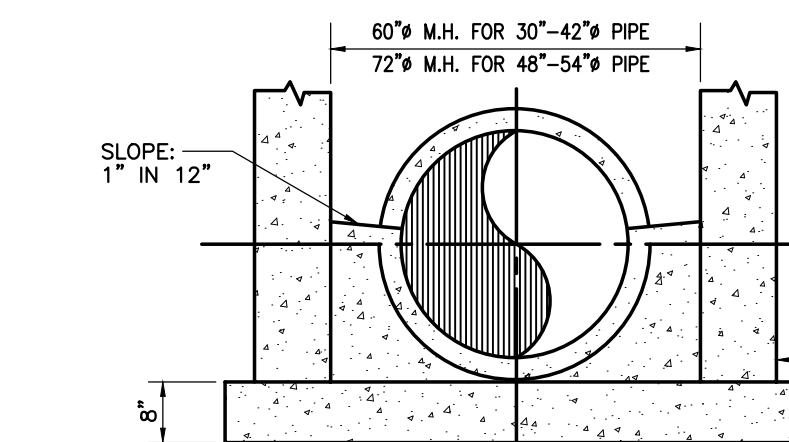
**DETAIL OF DROP CONNECTION
OUTSIDE OF MANHOLE**



PLAN

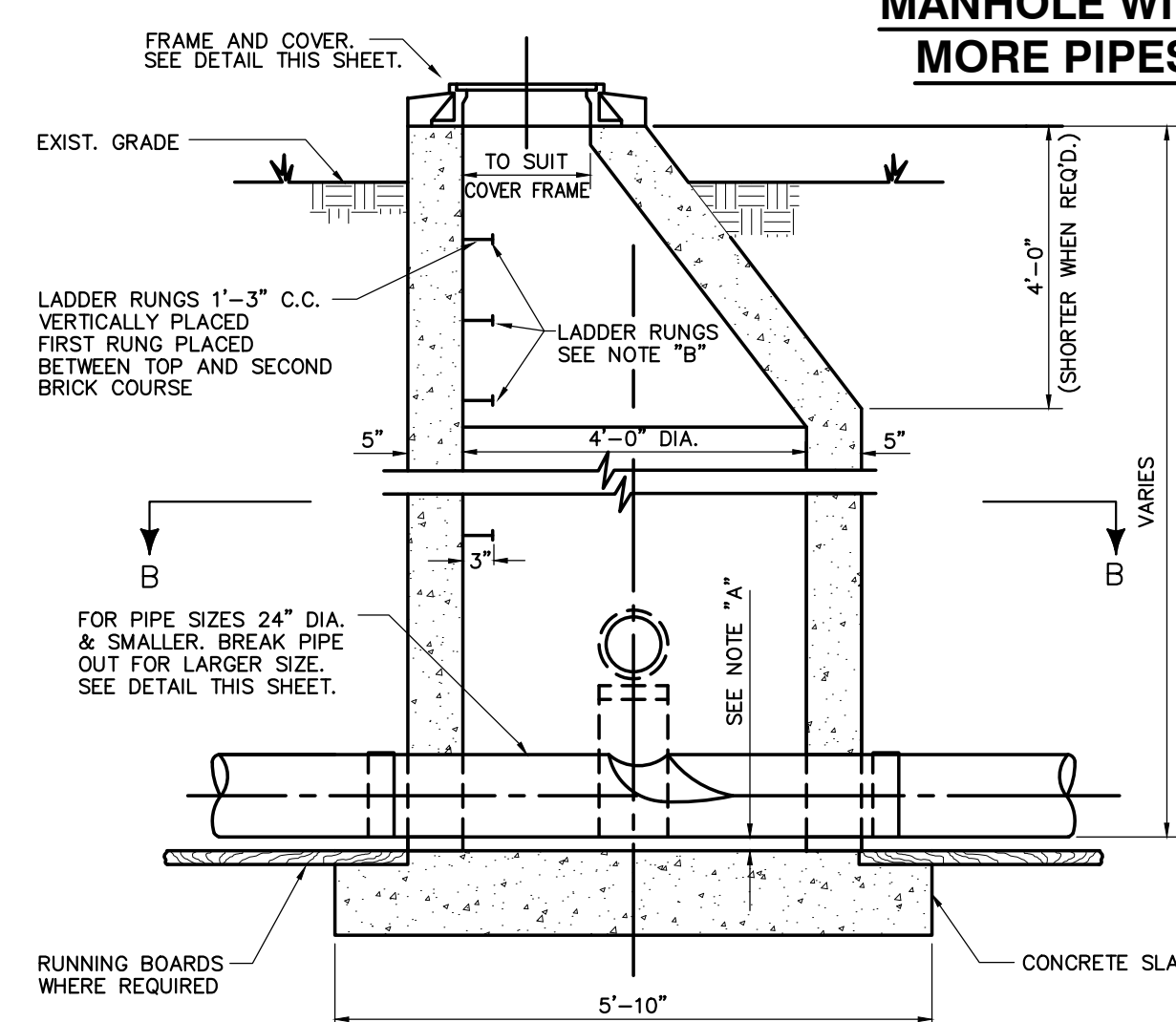


SECTION E-E



SECTION D-D

**DETAIL OF MANHOLE FOR PIPE SIZES
LARGER THAN 24" DIA.**

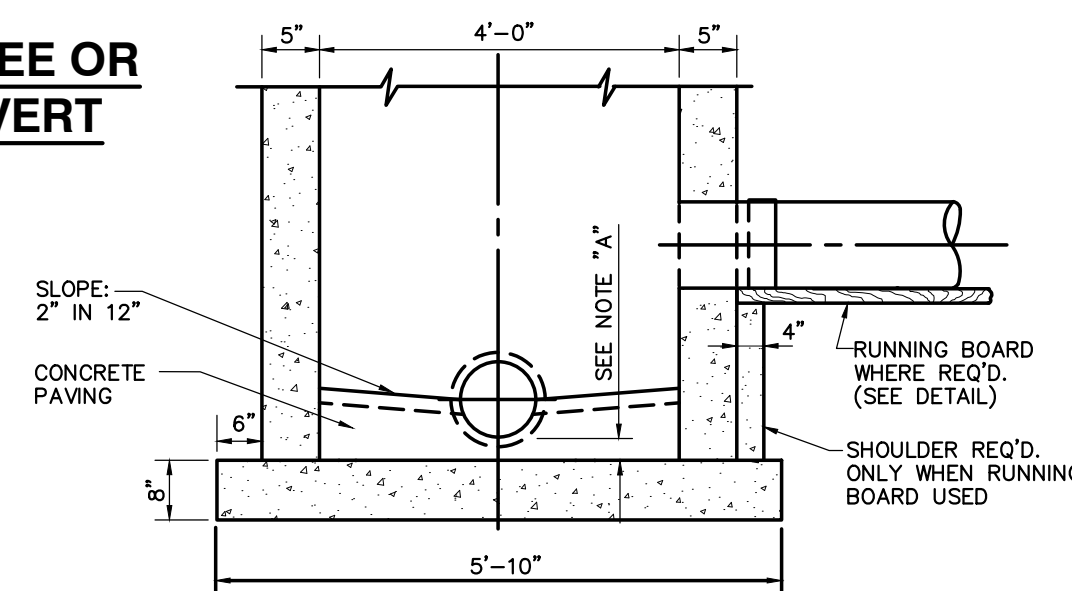


SECTION A-A

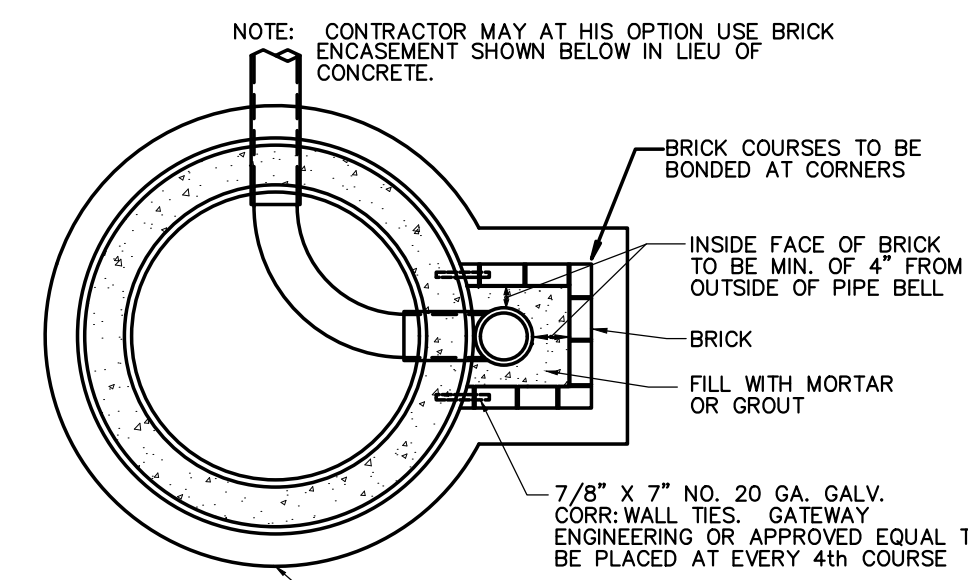
DETAIL OF MANHOLE FOR PIPE 24" DIA. & SMALLER

NOTE "A"
DISTANCE BETWEEN INVERT OF PIPE AND OUTSIDE OF BELL DETERMINES THE ELEVATION OF TOP OF 8" CONCRETE SLAB.

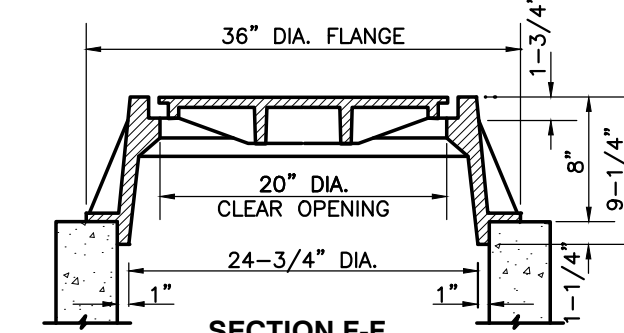
NOTE "B"
MANHOLE STEPS SHALL BE STEEL RODS ENCASED IN POLYPROPYLENE PLASTIC AND SHALL BE TYPE "PS-1-B" AS MANUFACTURED BY M.A. INDUSTRIES, INC., OR AN APPROVED EQUAL.



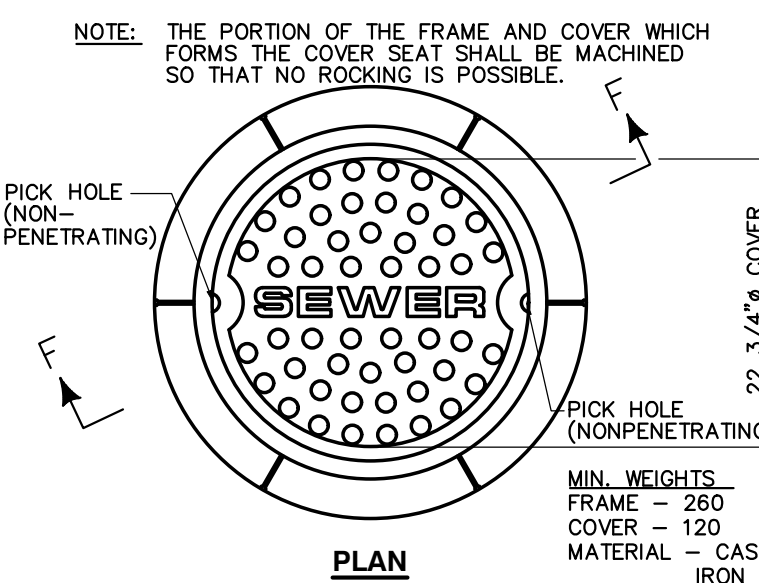
SECTION C-C



**OPTIONAL DROP
CONNECTION DETAIL**

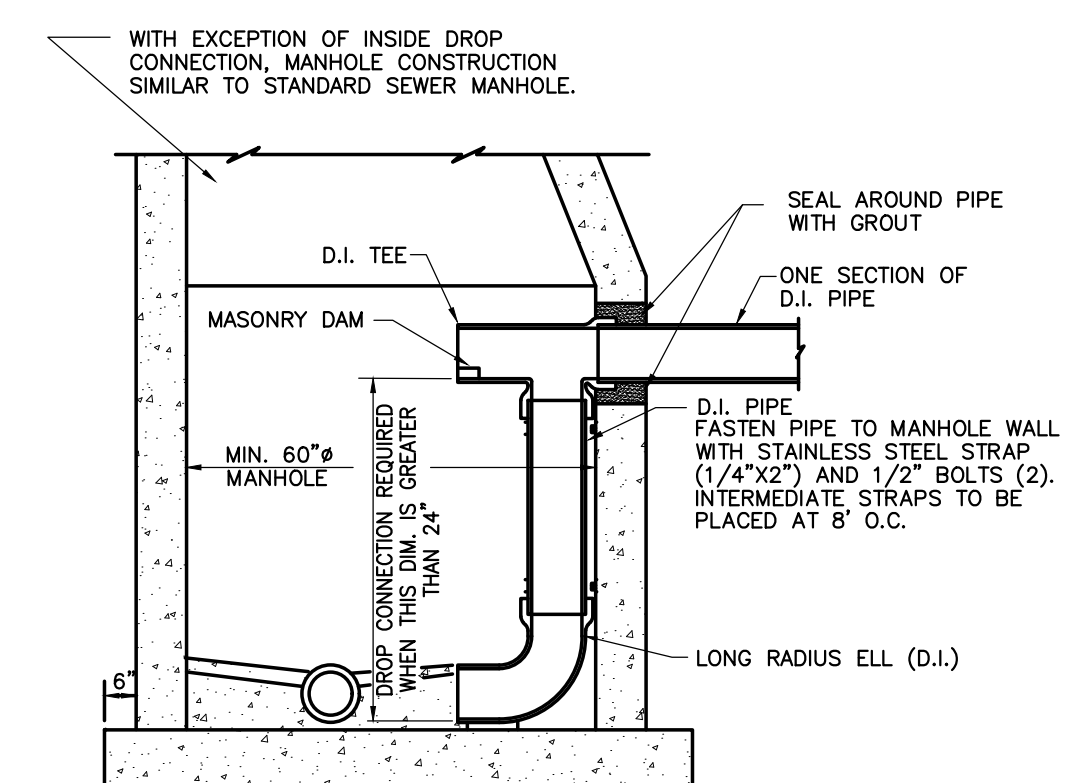


SECTION F-F



PLAN

MANHOLE FRAME & COVER DETAIL



**DETAIL OF DROP CONNECTION
INSIDE OF MANHOLE**

NO.	DATE	DESCRIPTION
1	NOVEMBER 2022	ISSUE FOR PERMITS
2	JANUARY 2023	REVISED TO PERMITS
3	MARCH 24, 2023	REVISED TO PERMITS
4	MARCH 24, 2023	REVISED TO PERMITS

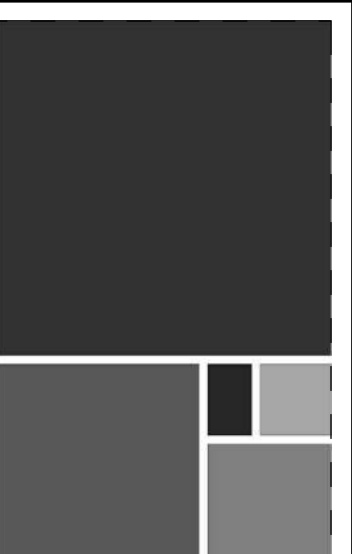
JOB
20-1101-0049

PROJECT STATUS
CONFORMANCE SET

DATE
MARCH 24, 2023

SHEET NAME
**CONSTRUCTION
DETAIL SHEET**

SHEET NO.



**ARCHITECTURE
WORKS**

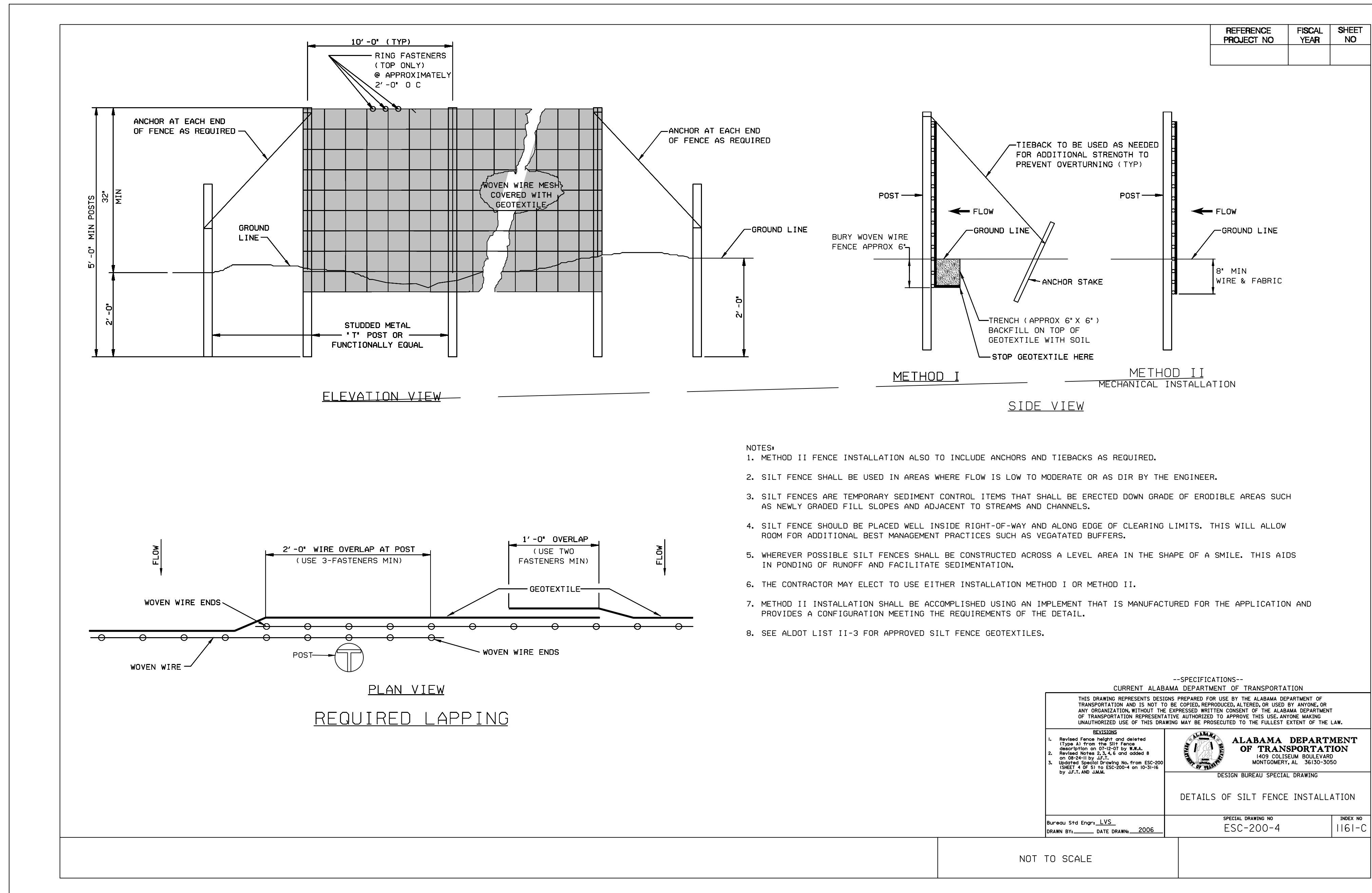
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- NOTES:**
- METHOD II FENCE INSTALLATION ALSO TO INCLUDE ANCHORS AND TIEBACKS AS REQUIRED.
 - SILT FENCE SHALL BE USED IN AREAS WHERE FLOW IS LOW TO MODERATE OR AS DIR BY THE ENGINEER.
 - SILT FENCES ARE TEMPORARY SEDIMENT CONTROL ITEMS THAT SHALL BE ERECTED DOWN GRADE OF ERODIBLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS AND CHANNELS.
 - SILT FENCE SHOULD BE PLACED WELL INSIDE RIGHT-OF-WAY AND ALONG EDGE OF CLEARING LIMITS. THIS WILL ALLOW ROOM FOR ADDITIONAL BEST MANAGEMENT PRACTICES SUCH AS VEGETATED BUFFERS.
 - WHEREVER POSSIBLE SILT FENCES SHALL BE CONSTRUCTED ACROSS A LEVEL AREA IN THE SHAPE OF A SMILE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATE SEDIMENTATION.
 - THE CONTRACTOR MAY ELECT TO USE EITHER INSTALLATION METHOD I OR METHOD II.
 - METHOD II INSTALLATION SHALL BE ACCOMPLISHED USING AN IMPLEMENT THAT IS MANUFACTURED FOR THE APPLICATION AND PROVIDES A CONFIGURATION MEETING THE REQUIREMENTS OF THE DETAIL.
 - SEE ALDOT LIST II-3 FOR APPROVED SILT FENCE GEOTEXTILES.

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REVISIONS

- Revised Fence Height and Details (Type II from the 2nd Edition) observation on 10/20/21 by S&A
- Revised Notes 1, 2, 4, 6 and 05000 8 on 08/24/22 by S&A
- Updated Special Printing No. from ESC-200 SHEET 4 OF 51 to ESC-200-4 on 10/31/22 by S&A and JMA

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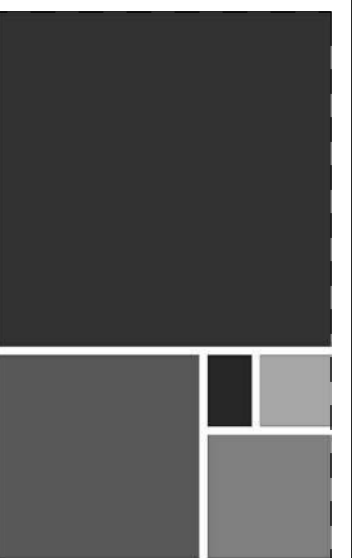
DESIGN BUREAU SPECIAL DRAWING

DETAILS OF SILT FENCE INSTALLATION

Bureau 516 Engr. LVS	SPECIAL DRAWING NO ESC-200-4	SHEET NO 1161-C
DRAWN BY: _____ DATE DRAWN: 2006		

NO.	DATE	REVISION
1		
2		
3		
4		

JOB	20-1101-0049
PROJECT STATUS	CONFORMANCE SET
DATE	MARCH 24, 2023
SHEET NAME	CONSTRUCTION DETAIL SHEET
SHEET NO.	



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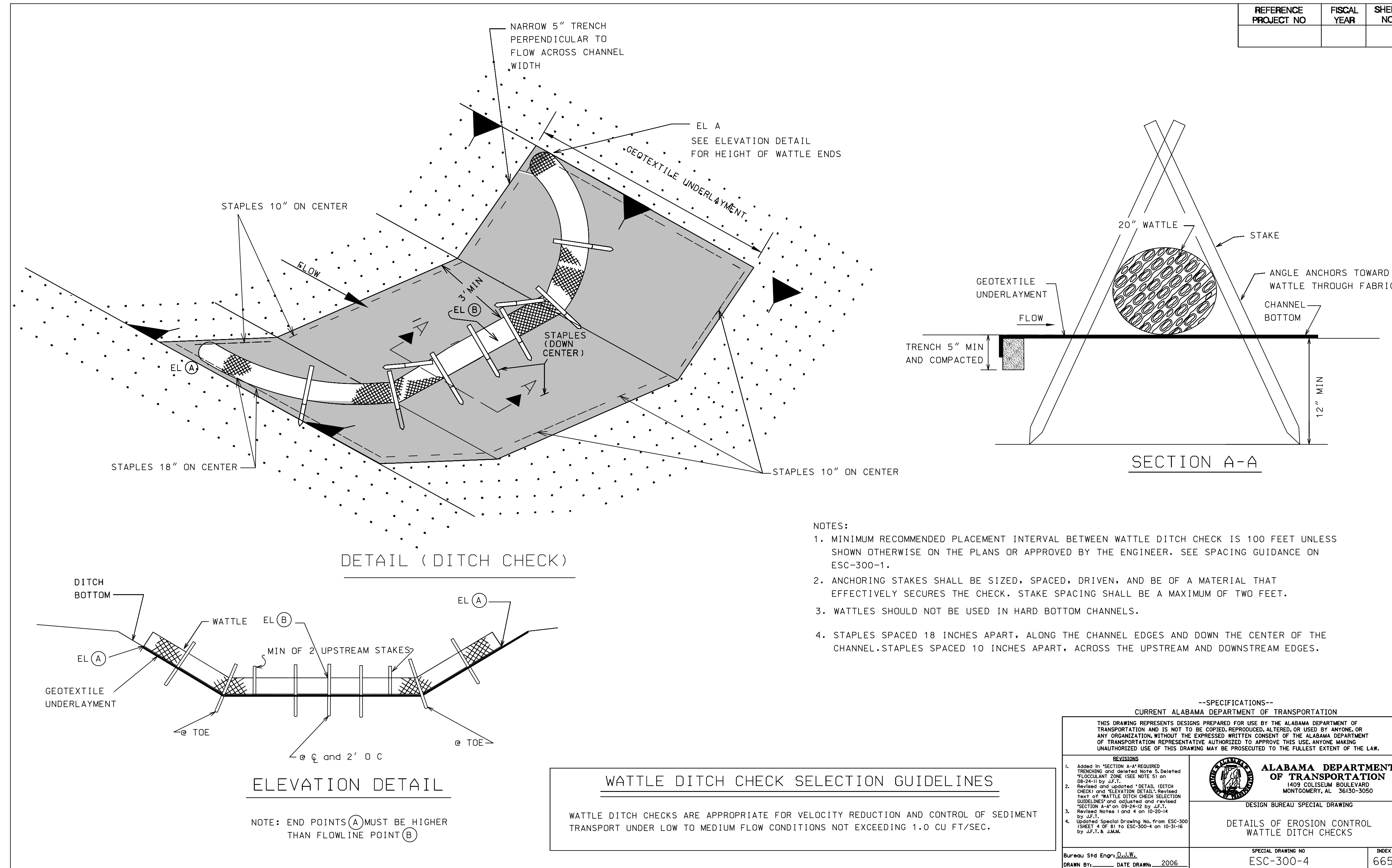
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REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO

- NOTES:**
1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100 FEET UNLESS SHOWN OTHERWISE ON THE PLANS OR APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ESC-300-1.
 2. ANCHORING STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF TWO FEET.
 3. WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.
 4. STAPLES SPACED 18 INCHES APART, ALONG THE CHANNEL EDGES AND DOWN THE CENTER OF THE CHANNEL. STAPLES SPACED 10 INCHES APART, ACROSS THE UPSTREAM AND DOWNSTREAM EDGES.

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REVISIONS

1. Added to SECTION A-A REQUIRED TRENCHING and deleted NOTE 2 Deleted 08-24-18 by J.F.S. and J.L.B.
2. Deleted and updated NOTE 2 on CHECK and ELEVATION DETAIL. Revised text of WATTLE DITCH CHECK SELECTION GUIDELINES and updated and revised SECTION A-A on 08-24-18 by J.F.S.
3. Revised Note 1 and 4 on 10-20-18 by J.F.S.
4. Updated Special Drawing No. from ESC-300 SHEET 4 OF 8 to ESC-300-4 on 10-31-18 by J.F.S. & S.M.K.

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DESIGN BUREAU SPECIAL DRAWING
DETAILS OF EROSION CONTROL
WATTLE DITCH CHECKS

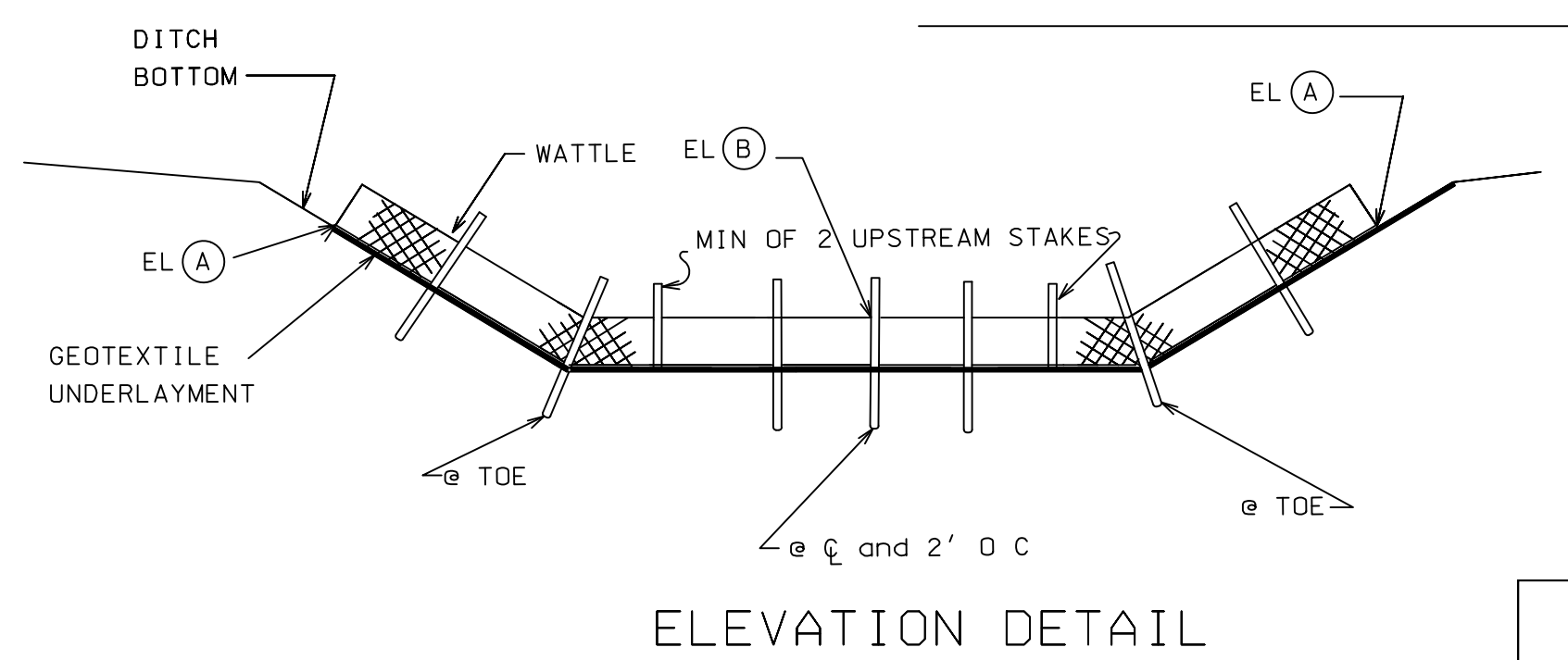
Bureau Srd Engr. **D.J.J.**
DRAWN BY: _____ DATE DRAWN: 2006

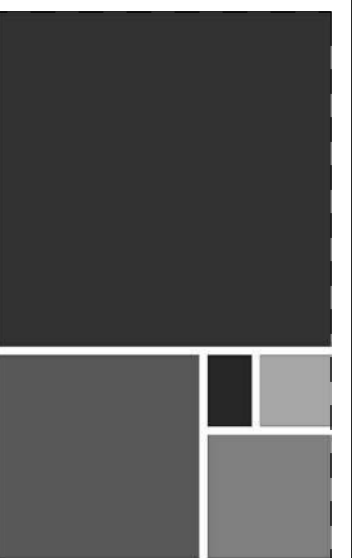
SPECIAL DRAWING NO
ESC-300-4

INDEX NO
66515

WATTLE DITCH CHECK SELECTION GUIDELINES

WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS NOT EXCEEDING 1.0 CU FT/SEC.





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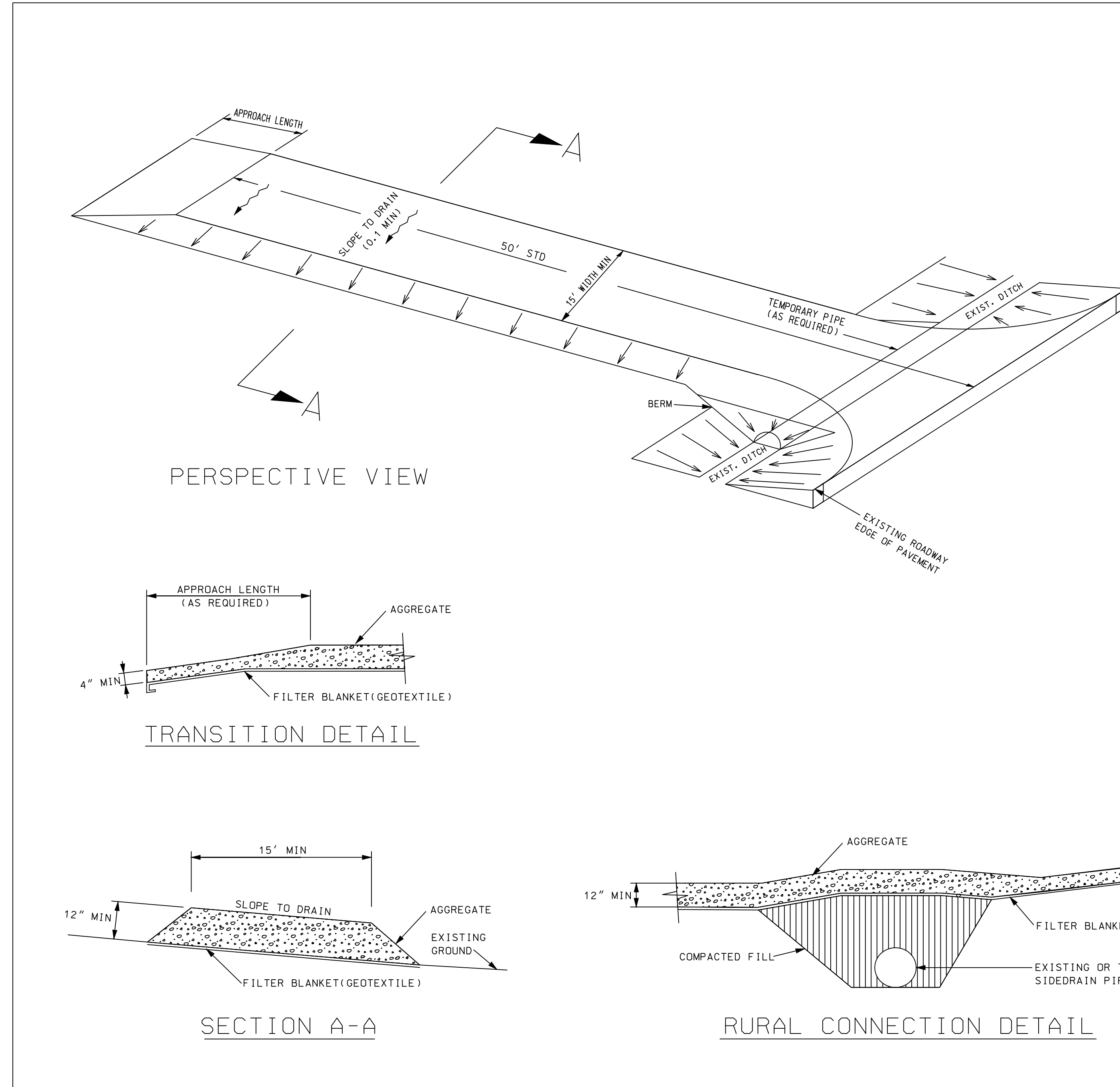
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REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO



NOTES:

1. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT LOCATIONS SHOWN ON THE EROSION SEDIMENT CONTROL SHEETS OR AS APPROVED BY THE ENGINEER BASED ON SAFETY, ECONOMY AND CONSTRUCTION SEQUENCE. THESE ENTRANCES ARE POINTS OF EGRESS FROM UNSTABILIZED AREAS OF THE PROJECT TO PUBLIC ROADS WHERE OFFSITE TRACKING OF MUD COULD OCCUR. TRAFFIC FROM UNSTABILIZED AREAS OF THE PROJECT SHALL BE DIRECTED THRU THE STABILIZED ENTRANCE, BARRIERS, FLAGGING, OR OTHER POSITIVE MEANS SHALL BE USED AS REQUIRED TO LIMIT AND DIRECT VEHICULAR EGRESS ACROSS THE STABILIZED ENTRANCE.
2. THE CONTRACTOR MAY PROPOSE AN ALTERNATIVE TECHNIQUE TO MINIMIZE OFFSITE TRACKING OF SEDIMENT. THE ALTERNATIVE MUST BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO IT'S USE.
3. ALL MATERIALS SPILLED, DROPPED, OR TRACKED ONTO PUBLIC ROADS (INCLUDING THE STABILIZED CONSTRUCTION ENTRANCE AGGREGATE AND CONSTRUCTION MUD) SHALL BE REMOVED DAILY, OR MORE FREQUENTLY IF SO DIRECTED BY THE ENGINEER.
4. AGGREGATES SHALL BE ALDOT SIZE #1. SIZES CONTAINING EXCESSIVE SMALL AGGREGATE WILL TRACK OFF THE PROJECT AND ARE UNSUITABLE.
5. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL ALLOW IT TO PERFORM IT'S FUNCTION TO PREVENT OFFSITE TRACKING. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE RINSED WHEN NECESSARY TO MOVE ACCUMULATED MUD DOWNWARD THRU THE STONE. ADDITIONAL STABILIZATION OF THE VEHICULAR ROUTE LEADING TO THE STABILIZED ENTRANCE MAY BE REQUIRED TO LIMIT THE MUD TRACKED.
6. THE NOMINAL SIZE OF A STANDARD STABILIZED CONSTRUCTION ENTRANCE IS 15' X 50' UNLESS OTHERWISE SHOWN IN THE PLANS. IF THE VOLUME OF ENTERING AND EXITING VEHICLES WARRANT, A 30' WIDTH MAY BE USED IF APPROVED BY THE ENGINEER.

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REVISIONS

1. Changed Plan View to Perspective View & added Note 1 on 03-24-23 by J.F.T.



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MONTGOMERY, AL 36150-3050

DESIGN BUREAU SPECIAL DRAWING

STABILIZED CONSTRUCTION ENTRANCE

Bureau Std Engr. D.J.W.
DRAWN BY: DATE DRAWN: 2006

SPECIAL DRAWING NO
ESC-502

INDEX NO
66532

NO.	DATE	DESCRIPTION
1		
2		
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JOB
20-1101-0049

PROJECT STATUS
CONFORMANCE SET

DATE
MARCH 24, 2023

SHEET NAME
**CONSTRUCTION
DETAIL SHEET**

SHEET NO.

SHEET L104



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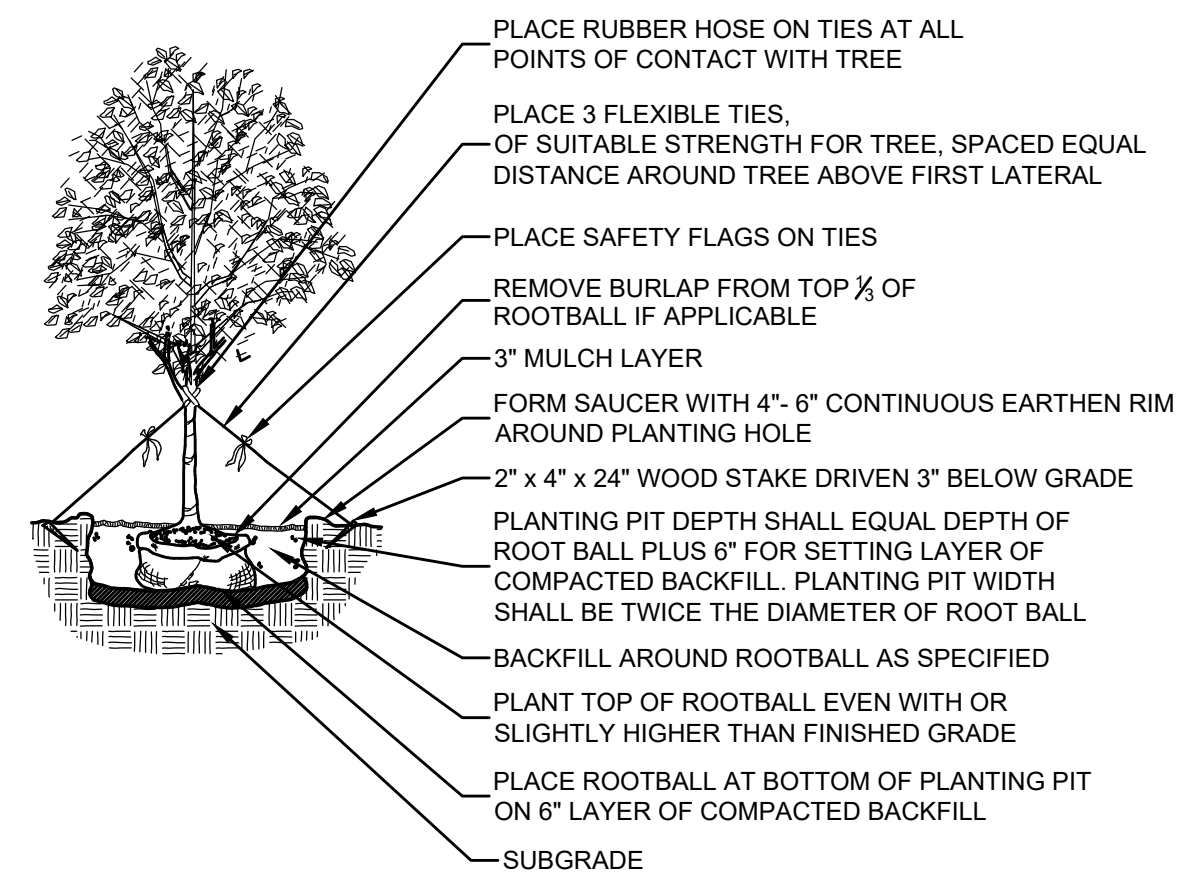
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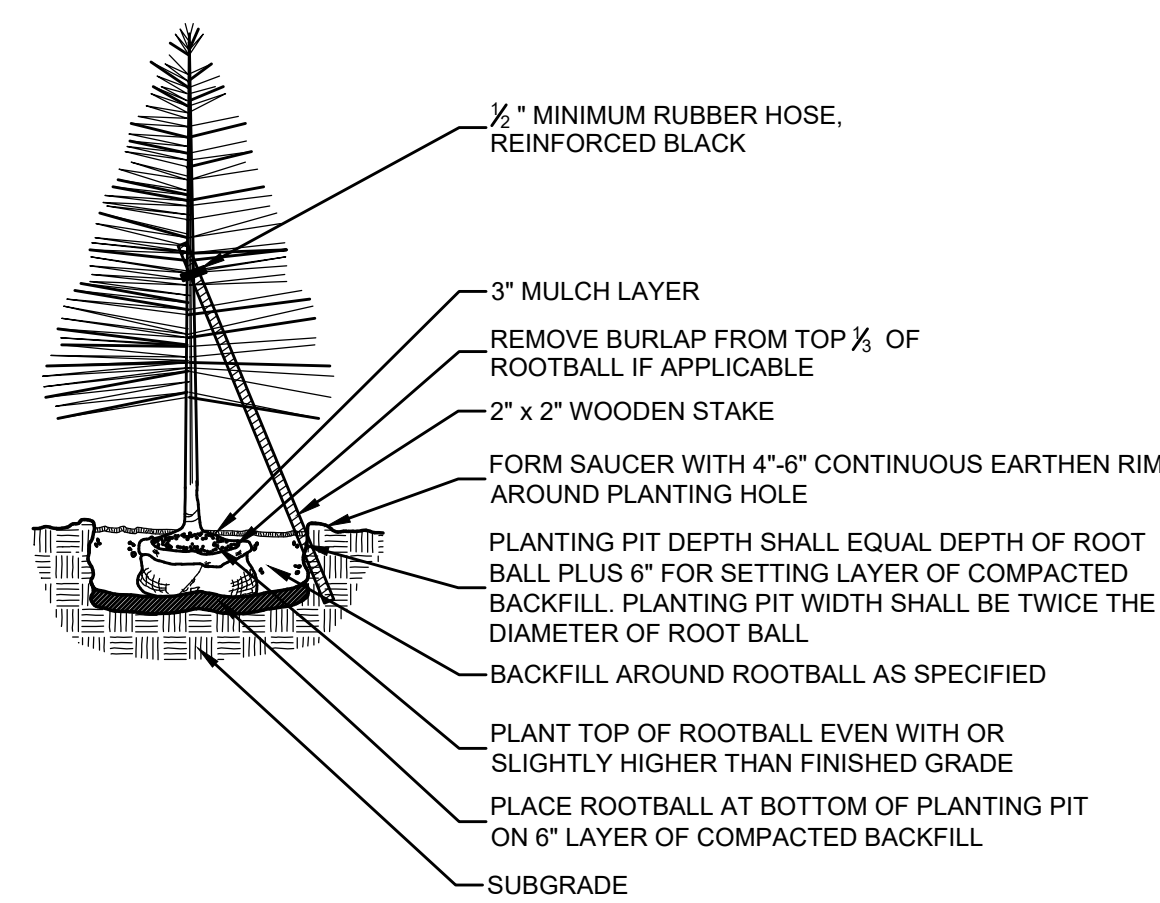
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LEGEND

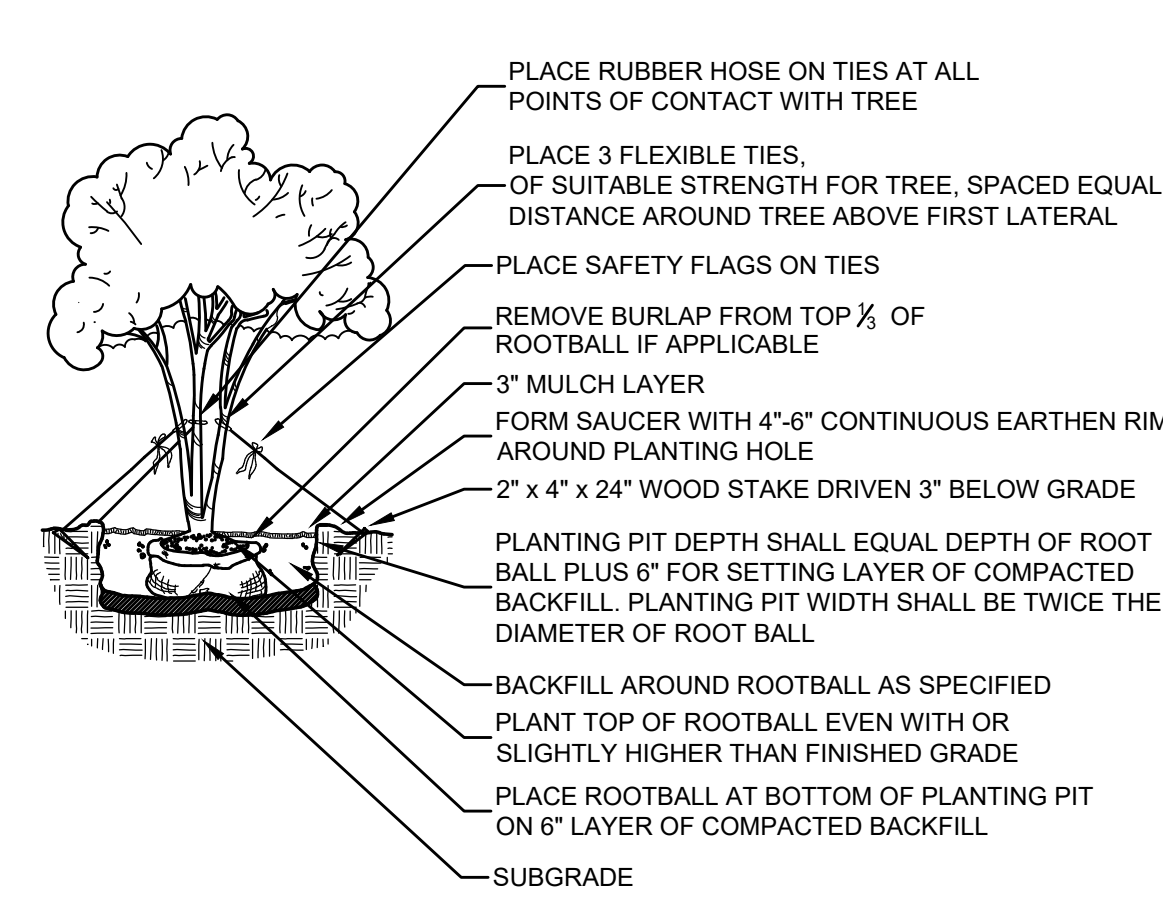
TREES	COMMON NAME
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	Chaste Tree
	Common Persimmon
	D.D. Blanchard Southern Magnolia
	Drummond Red Maple
	Longleaf Pine
	Loquat
	Myrtle Oak
	Nagami Kumquat
	Possambaw
	Redbay
	Sand Live Oak
	Sand Pine
	Slash Pine
	Southern Live Oak
	Sweet Bay
	Weeping Yaupon Holly
	White Fringetree
	Willow Oak
	Yaupon Holly
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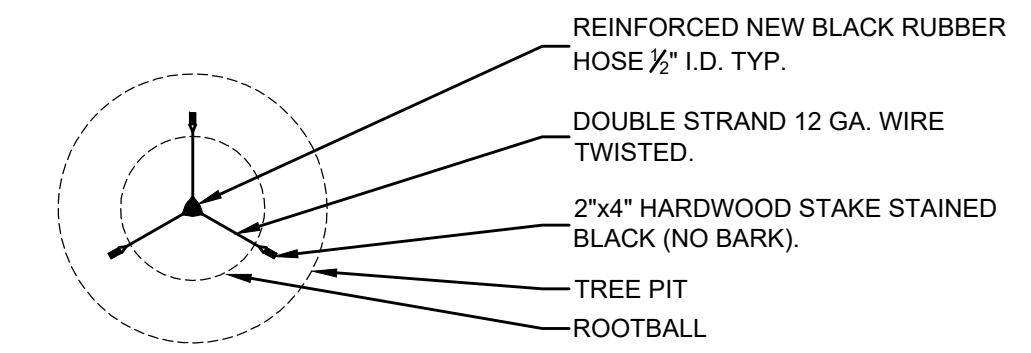
1 **TREE PLANTING DETAIL**
SCALE: NTS



2 **EVERGREEN TREE PLANTING DETAIL**
SCALE: NTS

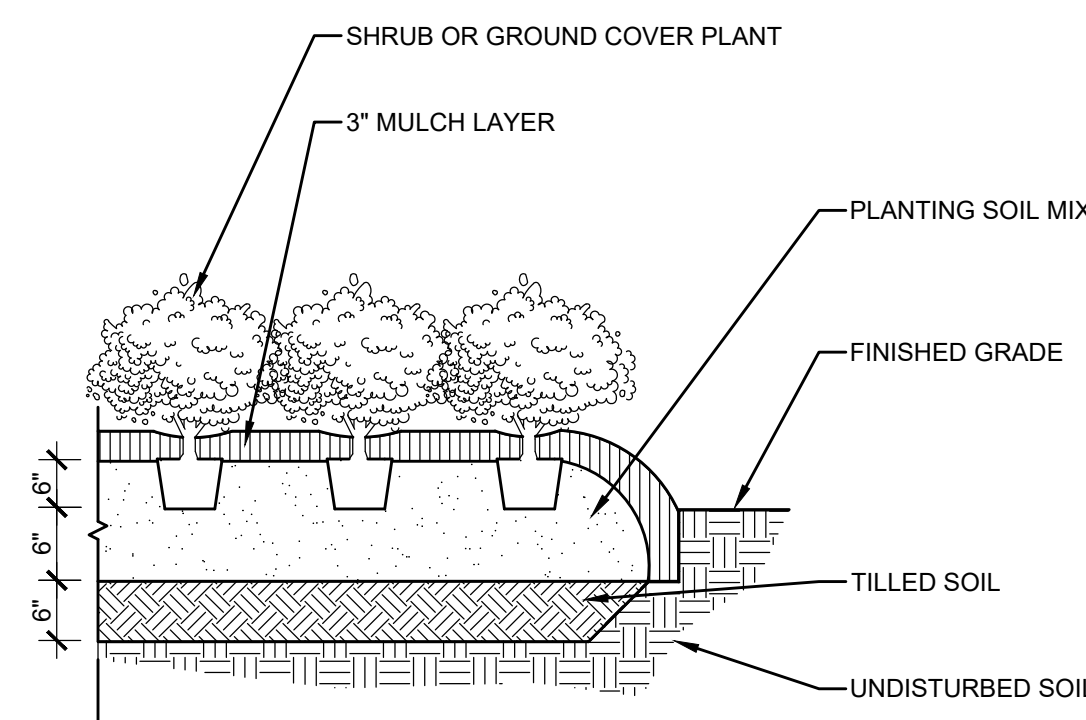


3 **MULTI-TRUNK TREE PLANTING DETAIL**
SCALE: NTS

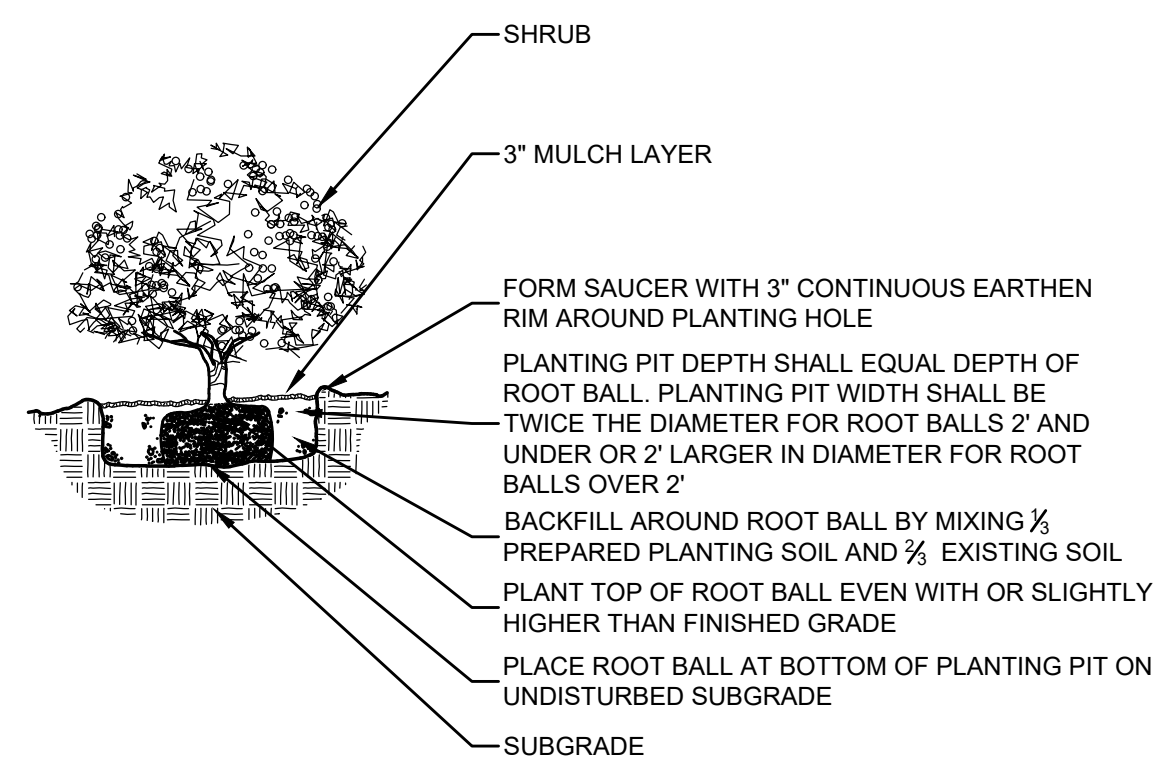


NOTE: CONTRACTOR MAY USE PLASTIC TREE GUYING CHAIN IF APPROVED BY LANDSCAPE ARCHITECT

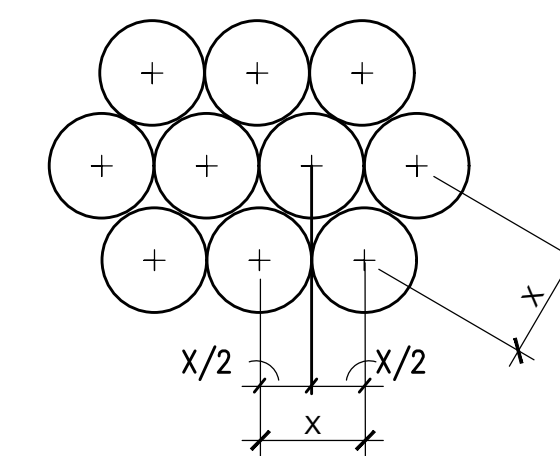
4 **TREE STAKING PLAN DETAIL**
SCALE: NTS



5 **SHRUB/ GROUNDCOVER PLANTING DETAIL**
SCALE: NTS



6 **SHRUB PLANTING DETAIL**
SCALE: NTS



NOTES:
1. SEE PLANTING PLANS FOR SHRUB AND GROUNDCOVER BED AREAS.
2. ROWS SHALL BE STRAIGHT AND PARALLEL.
3. QUANTITY AND SPACING SHOWN ON PLANTING PLAN (X)

7 **PLANT SPACING DETAIL**
SCALE: NTS



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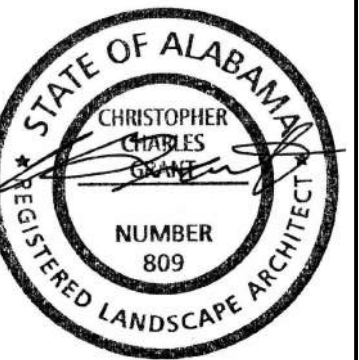
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GULF COAST CENTER
FOR ECOTOURISM & SUSTAINABILITY
LANDSCAPE PACKAGE
GULF SHORES, ALABAMA

NO.	DATE	REVISION

JOB	20-1101-0049
PROJECT STATUS	CONFORMANCE SET
DATE	MARCH 24, 2023
SHEET NAME	LANDSCAPE PLANTING DETAILS
SHEET NO.	



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GULF SHORES, ALABAMA

No.	Common Name	DBH (in.)
1	Live Oak	10
2	Pine	8
3	Pine	8
4	Pine	10
5	Pine	13
6	Pine	12
7	Pine	8
8	Pine	8
9	Pine	12
10	Live Oak	4
11	Live Oak	3
12	Live Oak	3
13	Oak Cluster	Varies
14	Pine	12
15	Pine	8
16	Pine	11
17	Pine	8
18	Pine	11
19	Pine	20
20	Pine	15
21	Pine	8
22	Pine	10
23	Pine	10
24	Pine	12
25	Pine	8
26	Pine	15
27	Pine	15
28	Pine	8
29	Pine	15
30	Oak	10
31	Pine	16
32	Pine	8
33	Oak	6
34	Pine	10
35	Live Oak	6
36	Live Oak	4
37	Live Oak	4
38	Live Oak	3
39	Live Oak	4
40	Live Oak	8
41	Live Oak	10
42	Live Oak	4
43	Pine	12
44	Pine	18
45	Live Oak	4
46	Live Oak	6
47	Live Oak	4
48	Live Oak	6
49	Live Oak	7
50	Live Oak	5
51	Live Oak	4
52	Pine	15
53	Pine	12
54	Pine	12
55	Pine	10
56	Pine	8
57	Pine	12
58	Pine	15
59	Pine	8
60	Pine	8
61	Pine	15
62	Pine	15
63	Pine	10
64	Pine	15
65	Pine	8
66	Pine	8
67	Pine	10
68	Pine	10
69	Pine	8
70	Pine	8
71	Pine	10
72	Pine	8
73	Pine	12
74	Pine	15
75	Pine	10
76	Pine	12
77	Pine	9
78	Pine	13
79	Pine	13
80	Pine	18
81	?	8
82	?	6
83	?	10
84	?	8
85	Pine	10
86	Pine	8
87	Pine	15
88	Pine	18
89	Pine	13
90	Pine	12
91	Live Oak	3
92	Live Oak	5
93	Pine	12
94	Pine	8
95	Pine	12
96	Pine	12
97	Pine	12
98	Oak	9
99	Pine	10
100	Pine	12

No.	Common Name	DBH (in.)
101	Pine	14
102	Pine	18
103	Pine	10
104	Pine	10
105	Pine	14
106	Pine	8
107	Pine	15
108	Pine	10
109	Pine	12
110	Pine	10
111	Pine	12
112	Pine	12
113	Live Oak	4
114	Live Oak	3
115	Pine	15
116	Pine	15
117	Pine	14
118	Pine	12
119	Magnolia	14
120	Pine	18
121	Pine	18
122	Pine	12
123	Pine	12
124	Pine	15
125	Pine	11
126	Pine	8
127	Pine	15
128	Pine	8
129	Pine	10
130	Pine	8
131	Pine	10
132	Pine	8
133	Pine	12
134	Pine	10
135	Pine	10
136	Pine	15
137	Pine	10
138	Pine	12
139	Pine	8
140	Pine	10
141	Pine	8
142	Pine	10
143	Pine	12
144	Live Oak	5
145	Live Oak	4
146	Pine	12
147	Pine	10
148	Pine	10
149	Pine	10
150	Pine	12
151	Pine	10
152	Pine	10
153	Pine	10
154	Live Oak	3
155	Live Oak	3
156	Pine	15
157	Pine	8
158	Pine	15
159	Pine	8
160	Pine	8
161	Pine	13
162	Pine	12
163	Pine	12
164	Pine	12
165	Live Oak	4
166	Pine	8
167	Pine	10
168	Pine	10
169	Pine	8
170	Pine	10
171	Pine	10
172	Pine	10
173	Pine	12
174	Pine	10
175	Pine	12
176	Pine	10
177	Pine	8
178	Pine	15
179	Pine	10
180	Pine	12
181	Pine	12
182	Pine	14
183	Pine	10
184	Pine	8
185	Pine	10
186	Live Oak	4
187	Live Oak	4
188	Live Oak	4
189	Live Oak	4
190	Pine	10
191	Pine	18
192	Pine	12
193	Oak	5
194	Pine	12
195	Oak Cluster	Varies
196	Pine	12
197	Oak Cluster	Varies
198	Oak Cluster	Varies
199	Pine	15
200	Live Oak	6

No.	Common Name	DBH (in.)
201	Pine	12
202	Pine	12
203	Live Oak	4
204	Live Oak	4
205	Live Oak	6
206	Pine	10
207	Pine	10
208	Pine	10
209	Pine	12
210	Pine	8
211	Pine	10
212	Pine	10
213	Pine	12
214	Pine	12
215	Pine	12
216	Pine	12
217	Pine	12
218	Pine	12
219	Pine	8
220	Pine	8
221	Oak	8
222	Oak	8
223	Pine	12
224	Pine	12
225	Live Oak	5
226	Live Oak	4
227	Live Oak	5
228	Live Oak	4
229	Live Oak	4
230	Live Oak	6
231	Live Oak	3
232	Live Oak	5
233	Pine	8
234	Live Oak	14
235	Live Oak	6
236	Live Oak	5
237	Live Oak	5
238	Live Oak	5
239	Live Oak	6
240	Live Oak	4
241	Live Oak	5
242	Live Oak	3
243	Pine	8
244	Pine	12
245	Live Oak	3
246	Live Oak	4
247	Pine	12
248	Live Oak	5
249	Live Oak	5
250	Pine	8
251	Pine	10
252	Pine	10
253	Pine	10
254	Oak	10
255	Oak	8
256	Pine	10
257	Pine	12
258	Oak	8
259	Pine	8
260	Pine	10
261	Pine	10
262	Pine	10
263	Pine	10
264	Oak	8
265	Pine	8
266	Pine	8
267	Pine	8
268	Pine	8
269	Oak	8
270	Pine	8
271	Pine	10
272	Pine	8
273	Pine	10
274	Live Oak	4
275	Oak Cluster	Varies
276	Pine	8
277	Pine	12
278	Pine	20
279	Pine	10
280	Pine	18
281	Pine	10
282	Live Oak	4
283	Pine	12
284	Live Oak	3
285	Live Oak	3
286	Live Oak	4
287	Live Oak	4
288	Live Oak	4
289	Live Oak	3
290	Live Oak	8
291	Pine	12
292	Pine	10
293	Live Oak	5
294	Live Oak	5
295	Live Oak	5
296	Live Oak	5
297	Pine	12
298	Pine	12
299	Pine	12
300	Oak Cluster	Varies

No.	Common Name	DBH (in.)
301	Pine	10
302	Live Oak	4
303	Live Oak	8
304	Live Oak	8
305	Live Oak	7
306	Live Oak	5
307	Oak Cluster	Varies
308	Pine	10
309	Live Oak	5
310	Pine	12
311	Live Oak	6
312	Live Oak	4
313	Live Oak	4
314	Live Oak	5
315	Live Oak	7
316	Live Oak	5
317	Pine	11
318	Pine	12
319	Live Oak	4
320	Live Oak	5
321	Pine	1
322	Live Oak	6
323	Pine	12
324	Pine	15
325	Live Oak	5
326	Live Oak	5
327	Live Oak	5
328	Pine	12
329	Live Oak	4
330	Live Oak	4
331	Pine	12
332	Pine	12
333	Pine	12
334	Live Oak	6
335	Live Oak	6
336	Pine	10
337	Pine	15
338	Pine	18
339	Live Oak	4
340	Live Oak	4
341	Pine	12
342	Live Oak	4
343	Live Oak	4
344	Live Oak	4
345	Live Oak	4
346	Live Oak	4
347	Live Oak	5
348	Live Oak	4
349	Live Oak	4
350	Pine	12
351	Pine	10
352	Pine	14
353	Live Oak	4
354	Live Oak	6
355	Live Oak	5
356	Pine	14
357	Pine	10
358	Pine	10
359	Pine	12
360	Pine	12
361	Pine	15
362	Pine	15
363	Pine	12
364	Pine	15
365	Pine	18
366	Live Oak	4
367	Live Oak	4
368	Live Oak	4
369	Live Oak	5
370	Pine	10
371	Pine	12
372	Pine	14
373	Pine	12
374	Pine	12
375	Pine	14
376	Pine	10
377	Pine	14
378	Live Oak	7
379	Pine	12
380	Pine	15
381	Live Oak	5
382	Live Oak	7
383	Live Oak	6
384	Live Oak	4
385	Live Oak	6
386	Pine	10
387	Live Oak	4
388	Live Oak	3
389	Live Oak	3
390	Pine	12
391	Live Oak	8
392	Live Oak	3
393	Live Oak	4
394	Live Oak	5
395	Pine	12
396	Live Oak	5
397	Live Oak	5
398	Live Oak	4
399	Live Oak	4
400	Live Oak	4

No.	Common Name	DBH (in.)
401	Pine	12
402	Pine	15
403	Pine	12
404	Pine	12
405	Pine	12
406	Pine	11
407	Pine	14
408	Live Oak	3
409	Live Oak	4
410	Live Oak	5
411	Live Oak	4
412	Live Oak	5
413	Pine	12
414	Pine	10
415	Pine	14
416	Pine	18
417	Pine	18
418	Pine	16
419	Pine	22
420	Pine	12
421	Pine	18
422	Live Oak	14
423	Pine	10
424	Pine	18
425	Pine	18
426	Pine	18
427	Pine	10
428	Pine	18
429	Live Oak	7
430	Pine	8
431	Pine	21
432	Pine	15
433	Pine	15
434	Pine	12
435	Pine	12
436	Pine	13
437	Pine	10
438	Pine	13
439	Pine	12

TREE PROTECTION AREA - TYPICAL
SEE DETAILS AND NOTES ON SHEET
L202

- NOTES:**
- 1.) THE UTMOST REGARD MUST BE TAKEN IN PRESERVING THE TREES IDENTIFIED FOR PROTECTION ALONG WITH THE NATIVE UNDERSTORY HABITAT FOR THIS PROJECT.
 - 2.) PRIORITY SHALL BE GIVEN FOR THE PROTECTION OF THE NATIVE LANDSCAPE FOR ALL TRAILS AND CIVIL DRAINAGE INFRASTRUCTURE. THEREFORE, IF A WALKING PATH, STORMWATER SWALE, RETENTION AREA, OR LANDSCAPE BED NEEDS TO BE ADJUSTED IN THE FIELD TO PRESERVE NATIVE HABITAT, THEN PLEASE NOTIFY THE LANDSCAPE ARCHITECT, ENGINEER, OR ARCHITECT WITHIN 72 HOURS OF MAKING THIS CHANGE FOR APPROVAL.
 - 3.) TREE PROTECTION FENCING MAY BE COMBINED WITH THE LIMITS OF CONSTRUCTION FENCING WHERE THESE LIMITS INTERSECT.



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NO.	DATE	REVISION

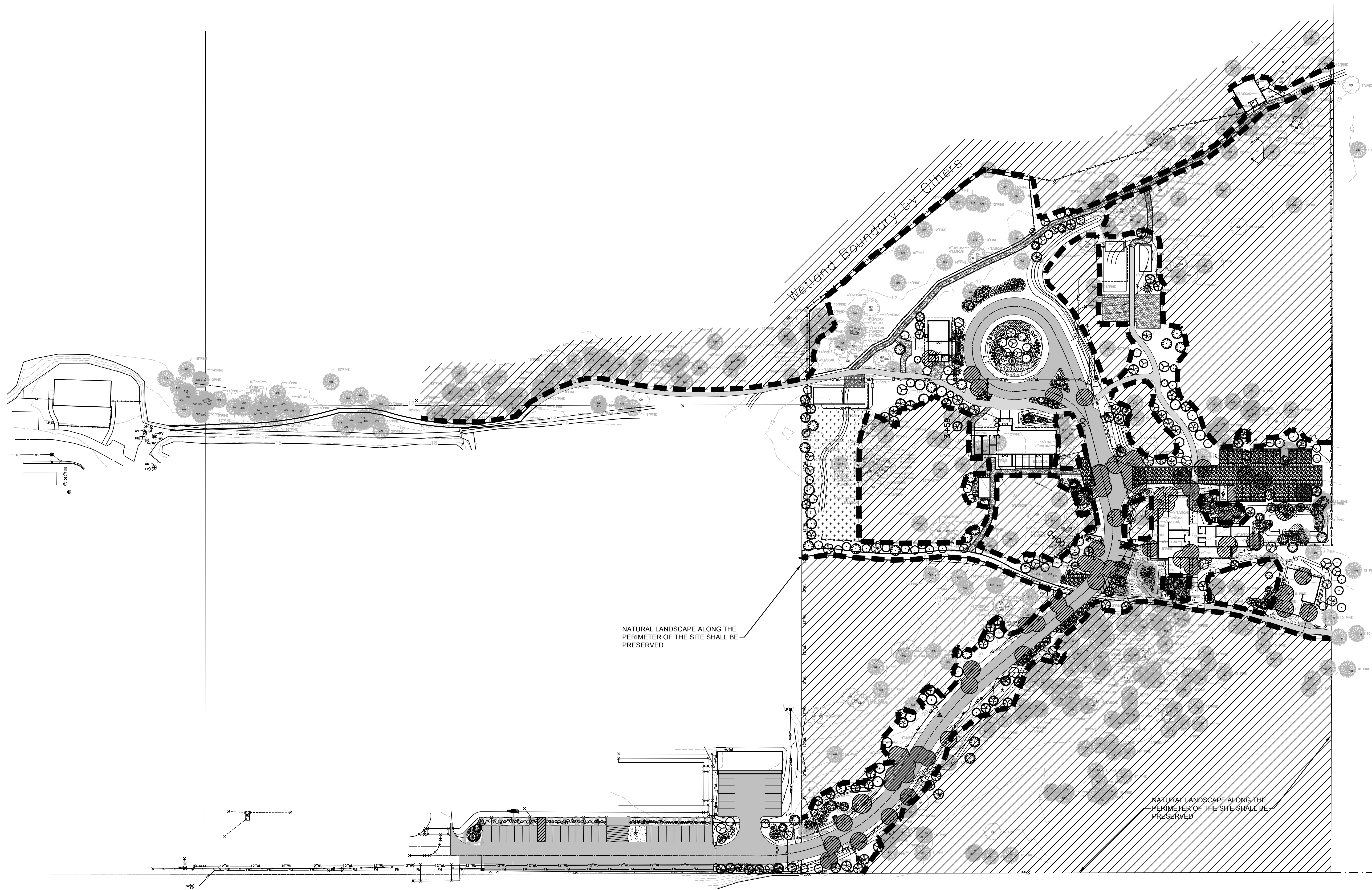
JOB
20-1101-0049

PROJECT STATUS
CONFORMANCE SET

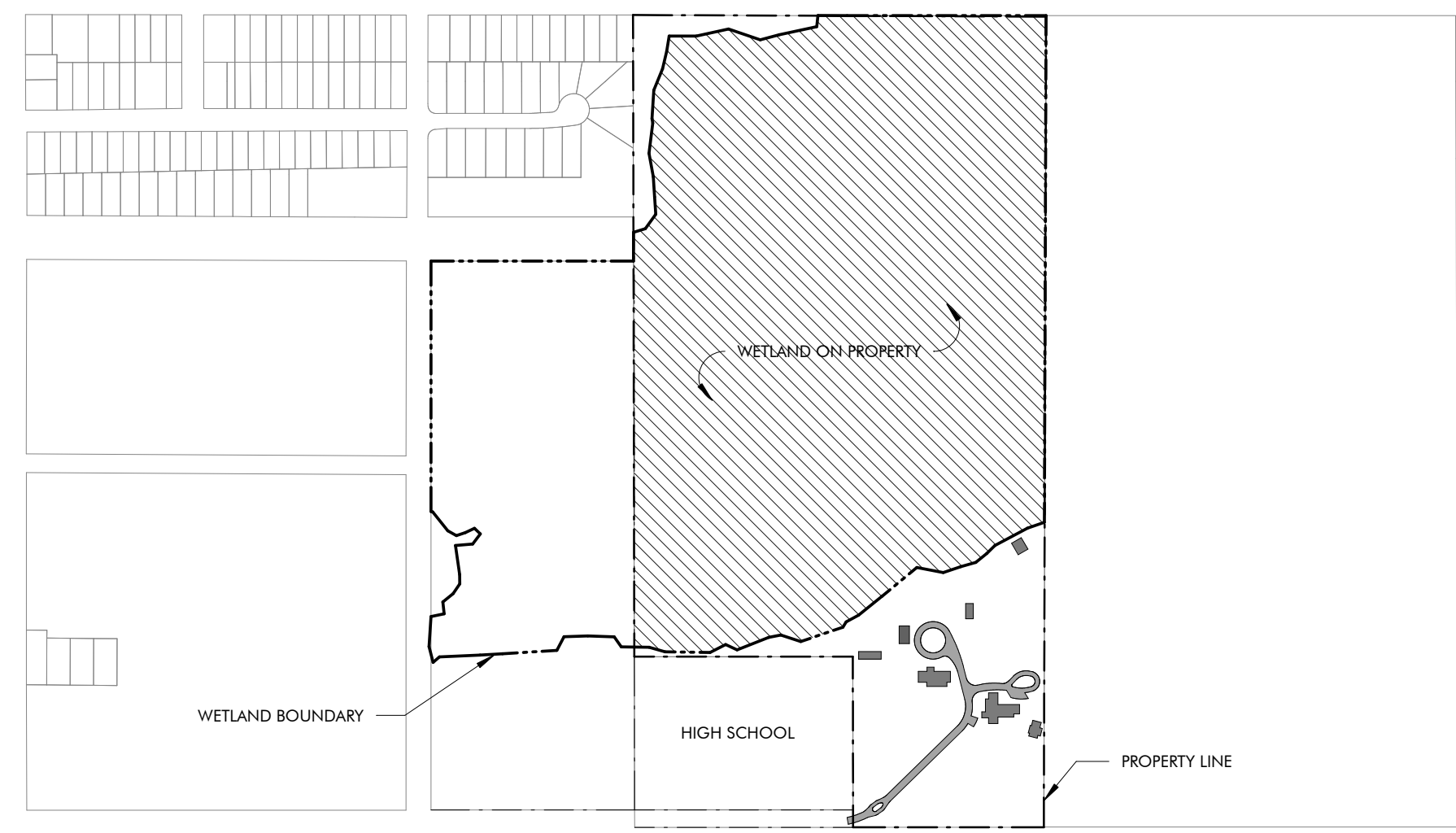
DATE
MARCH 24, 2023

SHEET NAME
**TREE PROTECTION
PLAN**

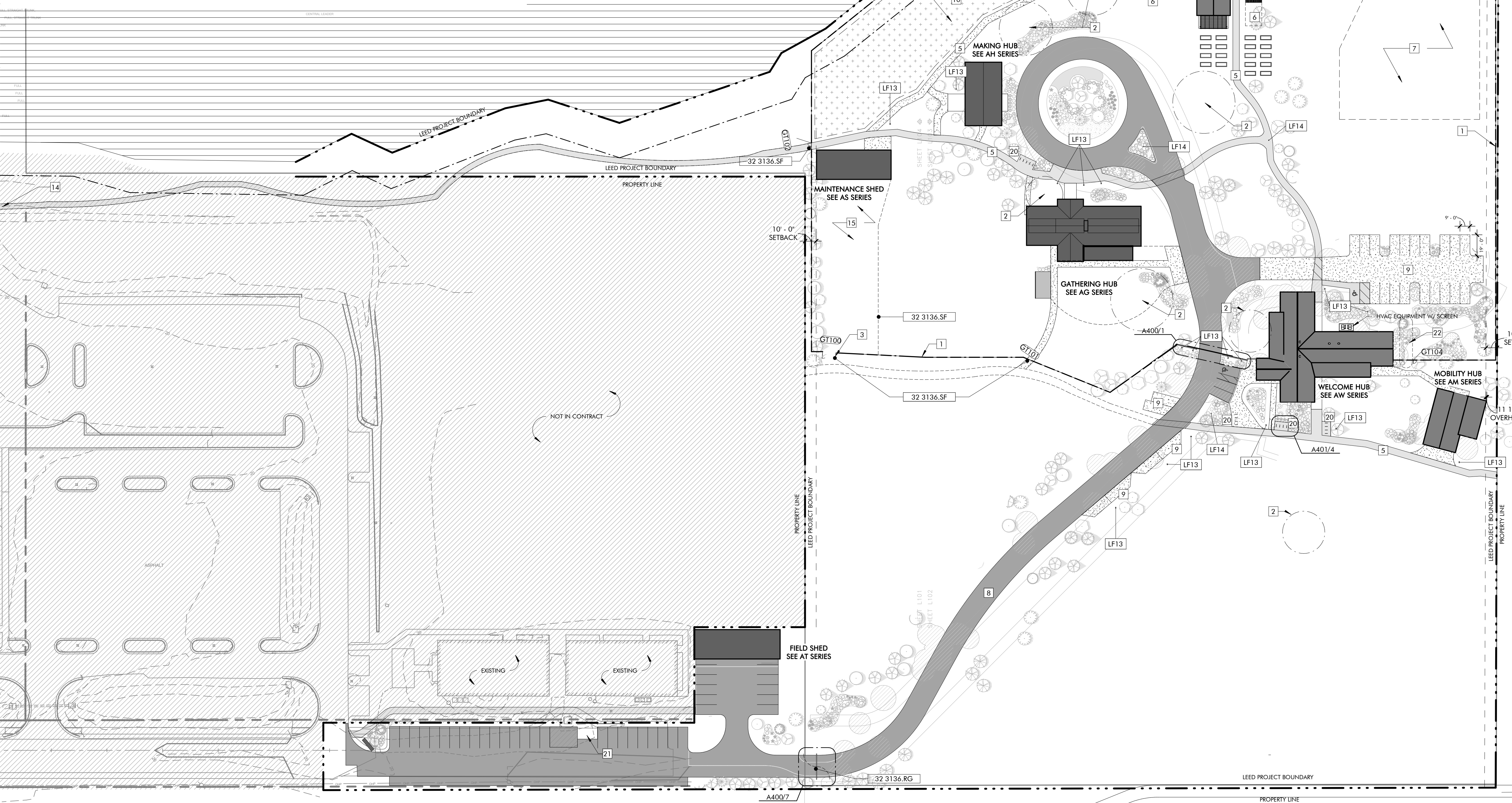
SHEET NO.
L203



TREE PROTECTION PLAN
1" = 60'



WETLANDS KEY PLAN 2
1" = 500'-0"



SITE PLAN 1
1" = 50'-0"

KEYNOTES

32 3136.RG Road Gate
32 3136.SF Site Fencing

LIGHT FIXTURE SCHEDULE - SITE

MARK	MFR	MODEL	NOTES
LF13	LIGMAN		
LF14	LIGMAN		

GATE SCHEDULE

MARK	TYPE	WIDTH	HEIGHT	REMARKS
GT100	DOUBLE - ALT	12'-0"	8'-0"	
GT101	SINGLE	3'-0"	7'-0"	
GT102	DOUBLE	6'-0"	7'-0"	
GT104	SINGLE	3'-0"	7'-0"	

- GENERAL NOTES**
- REFER CIVIL PACKAGE FOR BUILDING LOCATIONS.
 - TREES SHOWN ARE FOR CONVENIENCE ONLY. REFER TO CIVIL FOR TREE SURVEY.
 - SITE LIGHTING LOCATIONS ARE APPROXIMATE. REFER ELECTRICAL FOR LIGHT FIXTURE SCHEDULE.
 - SITE FENCING NOTES:**
 - REFER SPECIFICATIONS, SECTION 32 3136 FOR MORE INFORMATION.
 - BASIS OF DESIGN: CRITERIFENCE BLACK STEEL SQUARE GRID 2X2
 - PROVIDE AND INSTALL FENCING AS A COMPLETE SYSTEM USING MANUFACTURER'S COMPONENTS AND ACCESSORIES, INCLUDING POSTS, FENCING TIES, FENCING ROLLS, AND GATES.
 - TYPICAL FENCE HEIGHT SHALL BE 8'-0" TALL.
 - TYPICAL POST TO POST DIMENSION SHALL BE 8'-0".
 - INSTALL POSTS AND FENCING PER MANUFACTURER'S INSTRUCTIONS.

- SHEET SPECIFIC NOTES**
- SITE DEER FENCING, REFER 32 3136 SECURITY GATES AND BARRIERS.
 - SIGNIFICANT SITE TREE TO BE PRESERVED
 - SHALL VEHICLE GATE ACCESS TO SITE THROUGH DEER FENCE
 - EXISTING UNPAVED PATH TO BE IMPROVED BY OWNER
 - PAVED PATH, SEE CIVIL
 - FUTURE GREENHOUSE LOCATION AND FARM EXPANSION, NOT IN CONTRACT
 - ROPES COURSE THIS AREA. SEE 11 1637 AND 01 2100
 - NEW ASPHALT ROAD, SEE CIVIL
 - NEW PERVIOUS PARKING, SEE CIVIL
 - NEW TREE NURSERY, SEE LANDSCAPE, CIVIL
 - NOT USED
 - NOT USED
 - NOT USED
 - PATH CONTINUES TO TO HIGH SCHOOL BEYOND
 - SITE MAINTENANCE AREA BY OWNER
 - NOT USED
 - NOT USED
 - NEW PERVIOUS DRIVE
 - SITE BIKE PARKING
 - DUMPSTER LOCATION & SCREEN, SEE A401
 - BELOW GRADE CISTERN - SEE PLUMBING

GRAPHIC LEGEND

	ASPHALT PATH
	ASPHALT DRIVE
	GRAVEL PATH

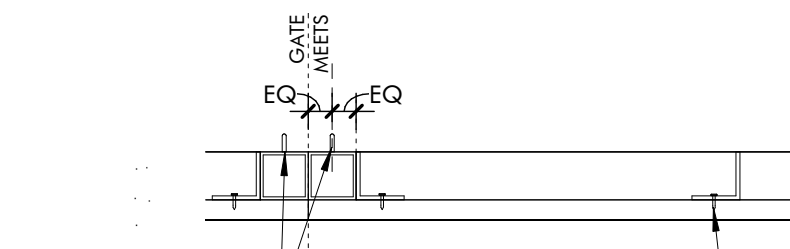
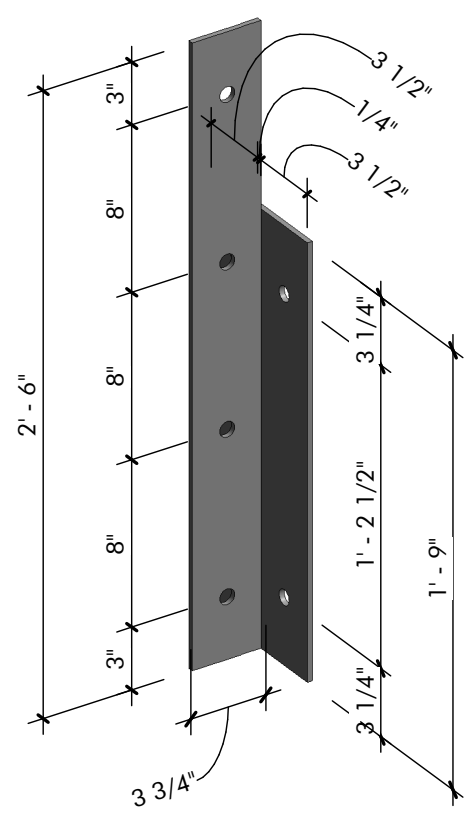


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SITE & CIVIL PACKAGE
GULF SHORES, ALABAMA

Job No.	19-028.000
Project Status	CONFORMANCE SET
Date	MARCH 24, 2023
Sheet Name	SITE PLAN
Sheet No.	A100



PROVIDE STIRLING WELDED TO SECURE SIDE OF GATE FOR OWNER-PROVIDED LOCKING MECHANISM

FASTEN WOOD SLATS TO METAL FRAME FROM SECURE SIDE; NO EXPOSED FASTENERS ON ENTRANCE (SOUTH FACING) SIDE.

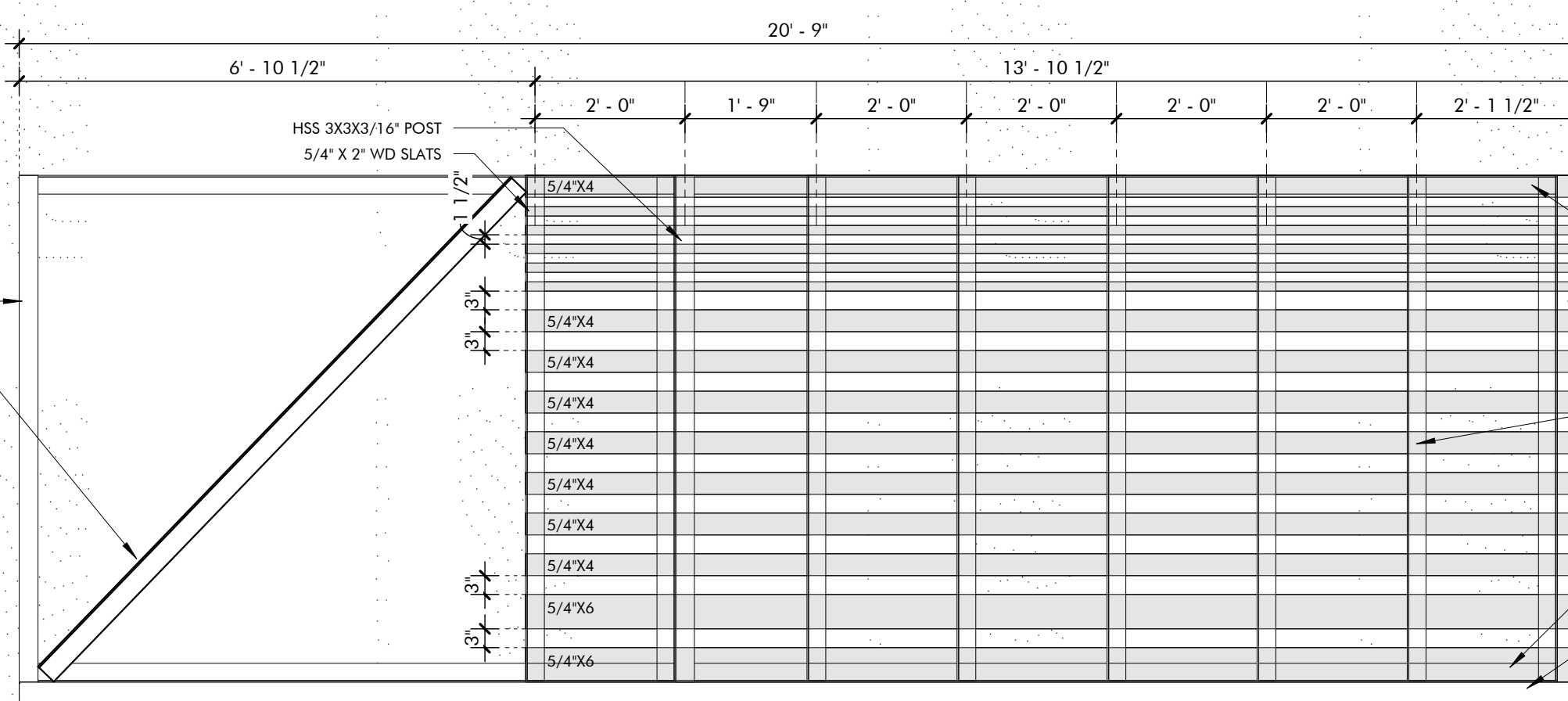
FLITCH PLATE DETAIL AXON

9

PLAN DETAIL GATE MEETS

6

1" = 1'-0"

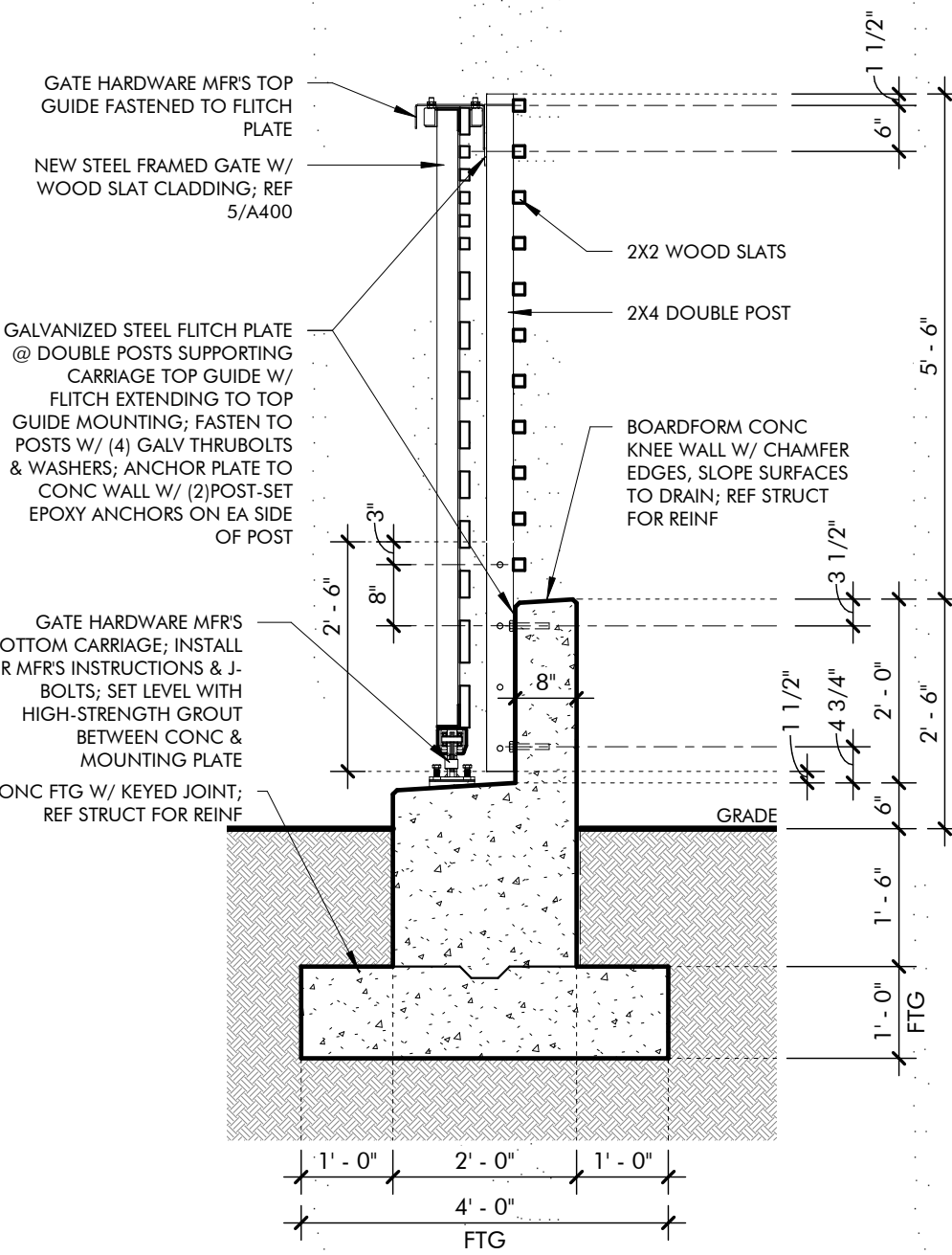


GENERAL NOTE
VIEW IS FROM THE EXIT (NORTH FACING) SIDE OF GATE. WOOD SLATING SHALL FACE ENTRANCE (SOUTH FACING) SIDE OF GATE.
ALL STEEL MEMBERS SHALL BE GALVANIZED.
ALL WOOD SLATING SHALL CONFORM TO SPEC SECTION 06 2013 EXTERIOR FINISH CARPENTRY AND RECEIVE SEMI-TRANSPARENT STAIN & BE BACK FASTENED TO STEEL FRAME.

ENLARGED ELEVATION VEHICULAR GATE

5

1/2" = 1'-0"



GATE HARDWARE MFPS TOP GUIDE FASTENED TO FLITCH PLATE

NEW STEEL FRAMED GATE W/ WOOD SLAT CLADDING; REF 5/A400

2X2 WOOD SLATS

2X4 DOUBLE POST

GALVANIZED STEEL FLITCH PLATE @ DOUBLE POSTS SUPPORTING CARRIAGE TOP GUIDE W/ FLITCH EXTENDING TO TOP GUIDE MOUNTING; FASTEN TO POSTS W/ (4) GALV THRU-BOLTS & WASHERS; ANCHOR PLATE TO CONC WALL W/ (2) POST-SET EPOXY ANCHORS ON EA SIDE OF POST

BOARDFORM CONC KNEE WALL W/ CHAMFER EDGES, SLOPE SURFACES TO DRAIN; REF STRUCT FOR REINF

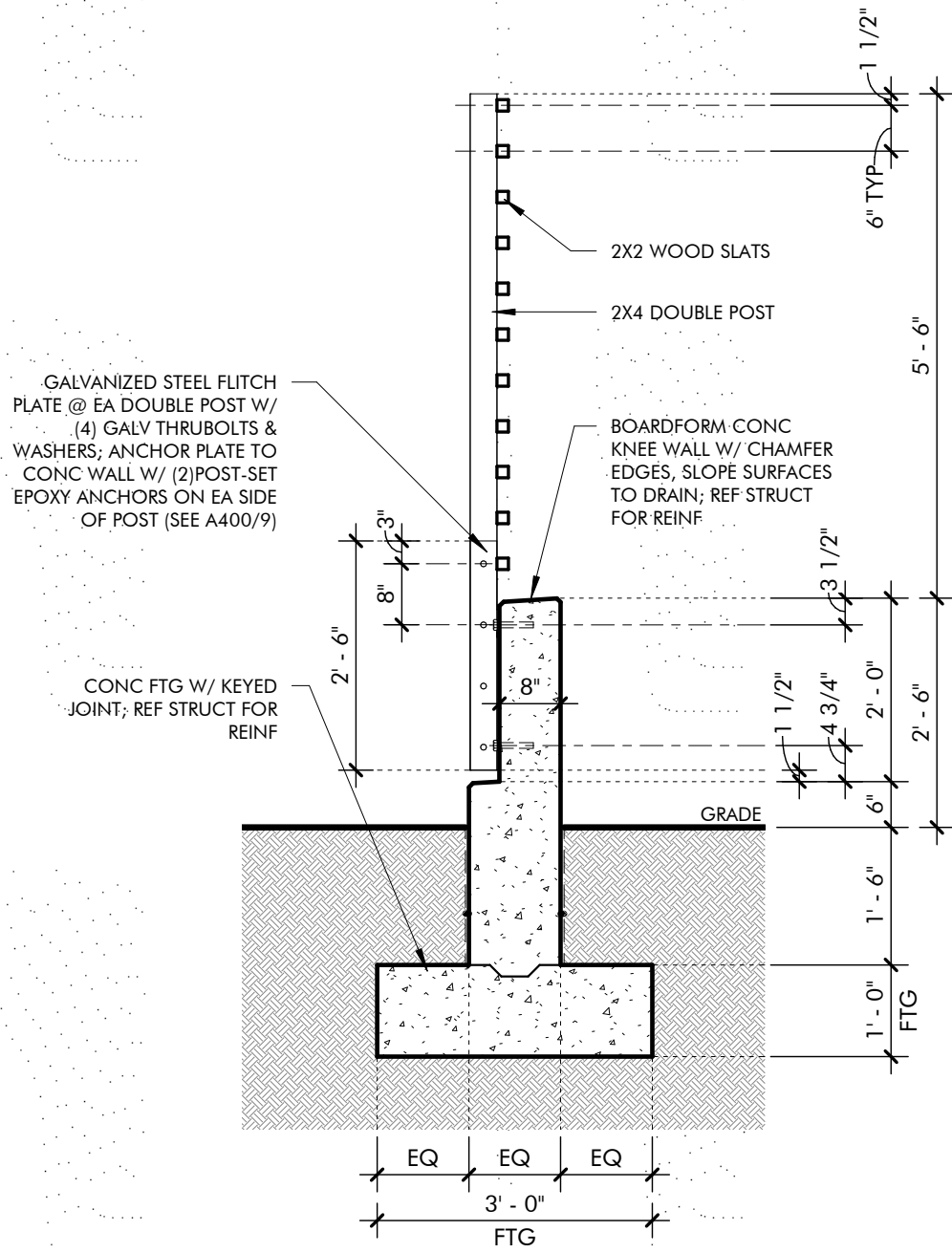
GATE HARDWARE MFPS BOTTOM CARRIAGE; INSTALL PER MFRS INSTRUCTIONS & J-BOLTS; SET LEVEL WITH HIGH-STRENGTH GROUT BETWEEN CONC & MOUNTING PLATE

CONC FTG W/ KEYED JOINT; REF STRUCT FOR REINF

ENLARGED SECTION SCREEN WALL @ GATE CARRIAGE

4

1/2" = 1'-0"



GALVANIZED STEEL FLITCH PLATE @ EA DOUBLE POST W/ (4) GALV THRU-BOLTS & WASHERS; ANCHOR PLATE TO CONC WALL W/ (2) POST-SET EPOXY ANCHORS ON EA SIDE OF POST (SEE A400/9)

2X4 DOUBLE POST

BOARDFORM CONC KNEE WALL W/ CHAMFER EDGES, SLOPE SURFACES TO DRAIN; REF STRUCT FOR REINF

CONC FTG W/ KEYED JOINT; REF STRUCT FOR REINF

ENLARGED SECTION SCREEN WALL

3

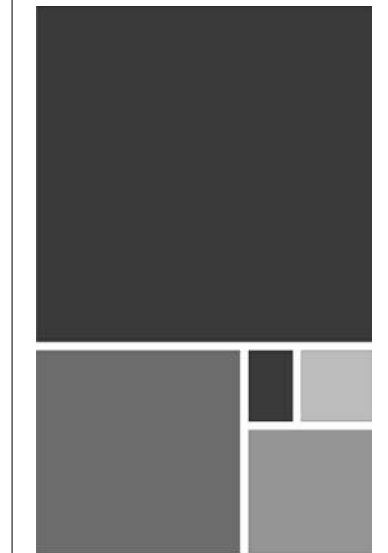
1/2" = 1'-0"

KEYNOTES

03 3000.BF Board Form Cast-in-Place Concrete - See Structural for reinforcement

06 2013 Exterior Finish Carpentry

06 2013.F4 2x4 Wood Boards



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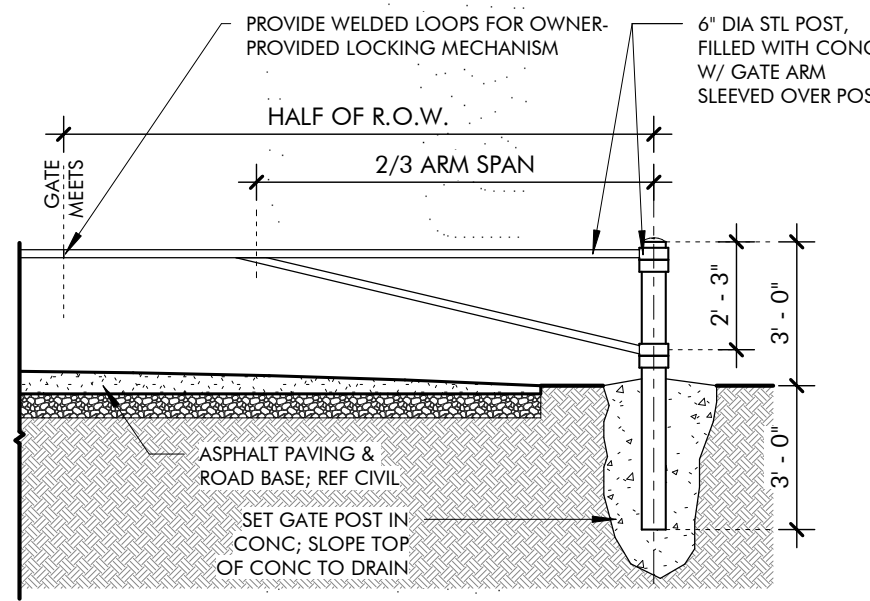
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GULF SHORES, ALABAMA

GENERAL NOTES

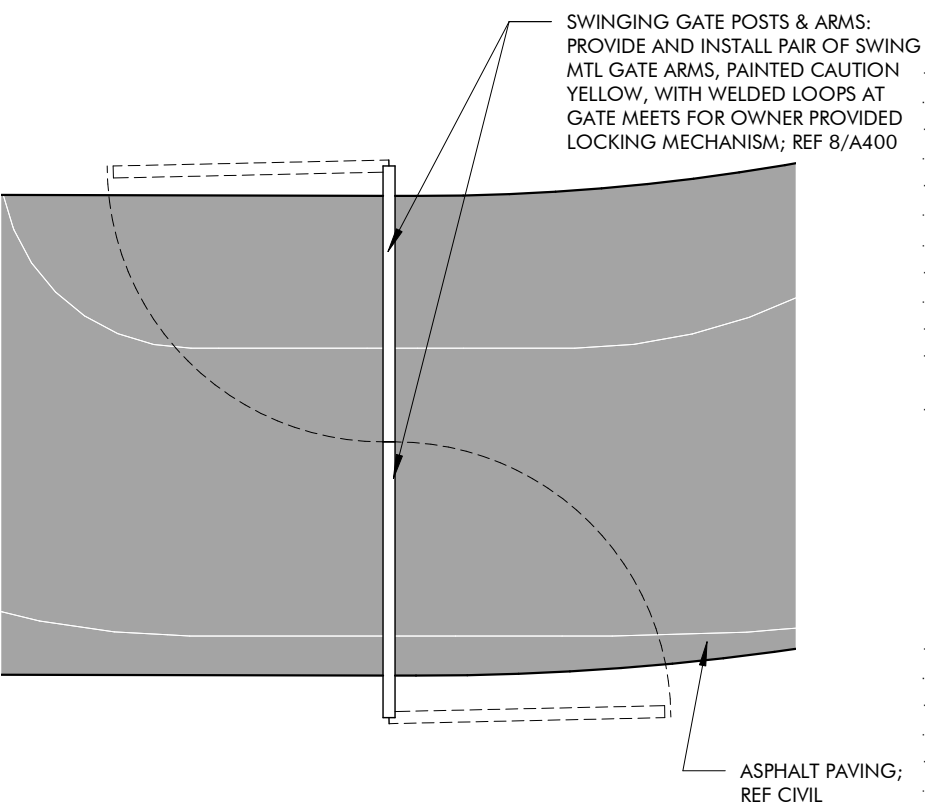
SHEET SPECIFIC NOTES



ENLARGED ELEVATION ECO TRAIL ROAD GATE

8

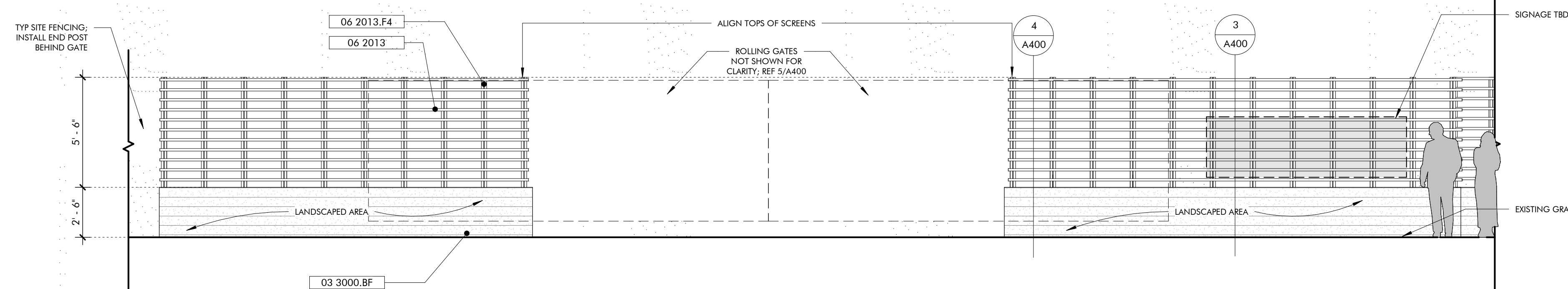
1/4" = 1'-0"



ENLARGED PLAN ECO TRAIL ROAD GATE

7

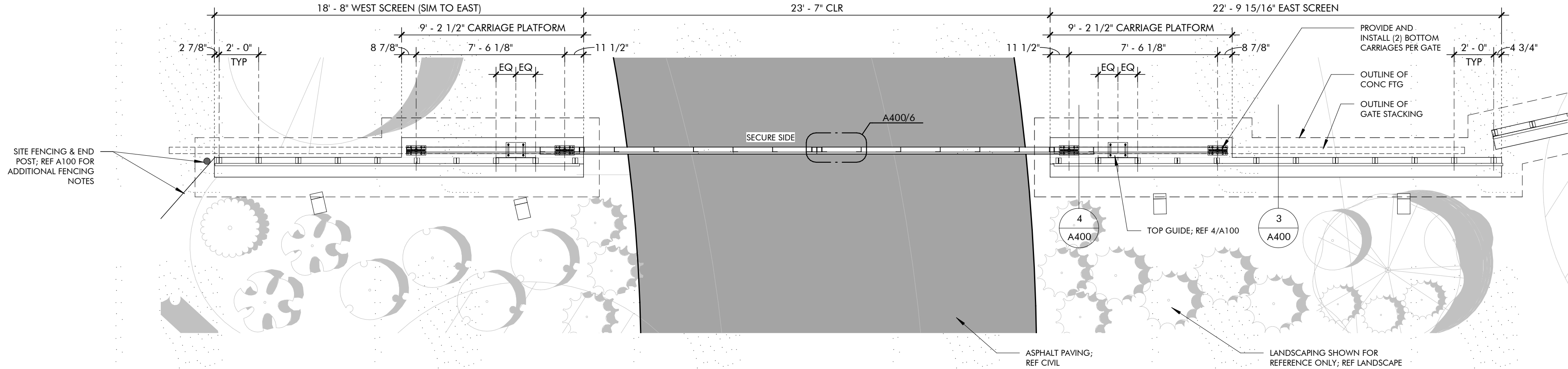
1/8" = 1'-0"



ELEVATION VEHICULAR ENTRANCE GATE

2

1/4" = 1'-0"



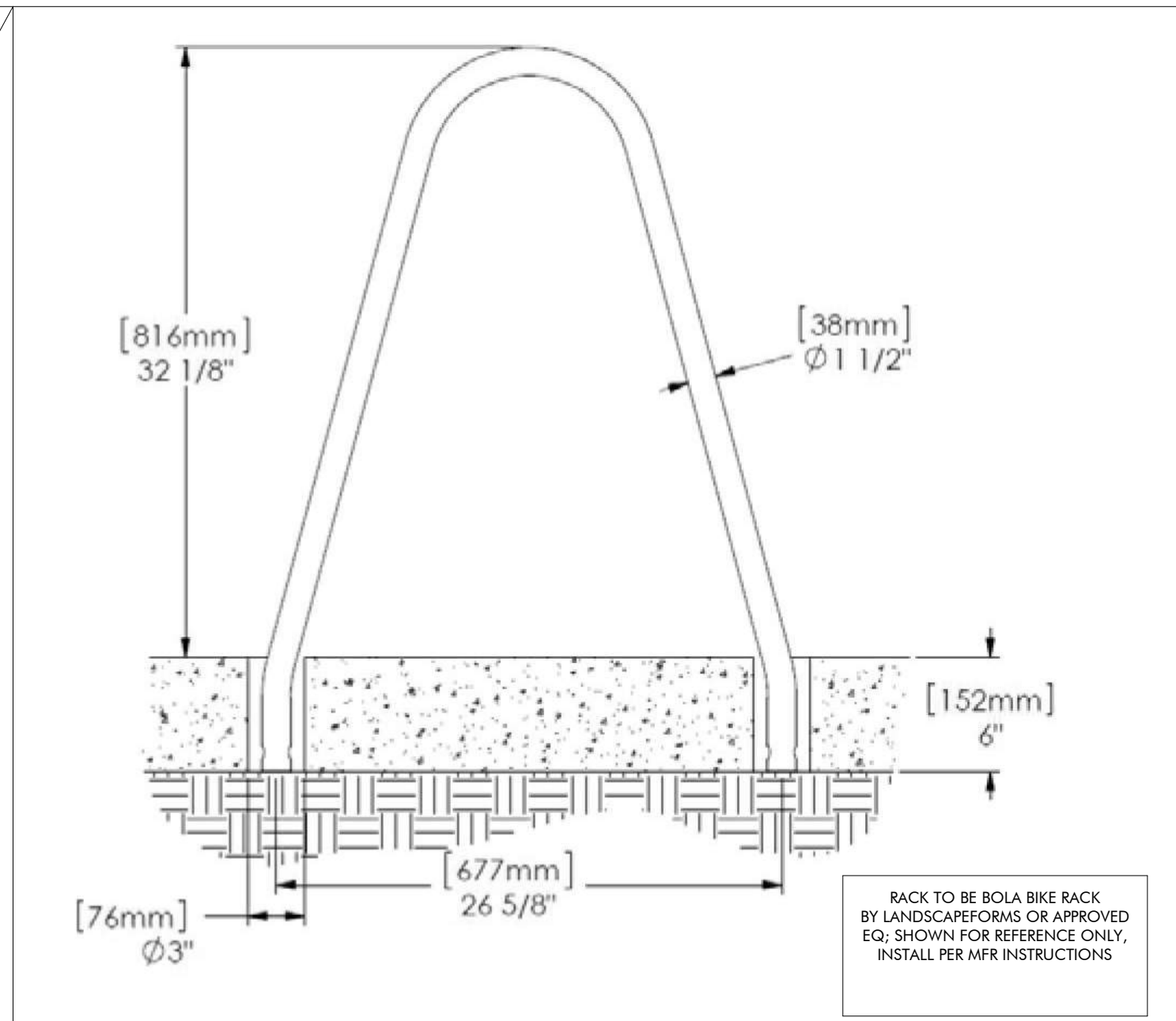
ENLARGED PLAN VEHICULAR ENTRANCE GATE

1

1/4" = 1'-0"

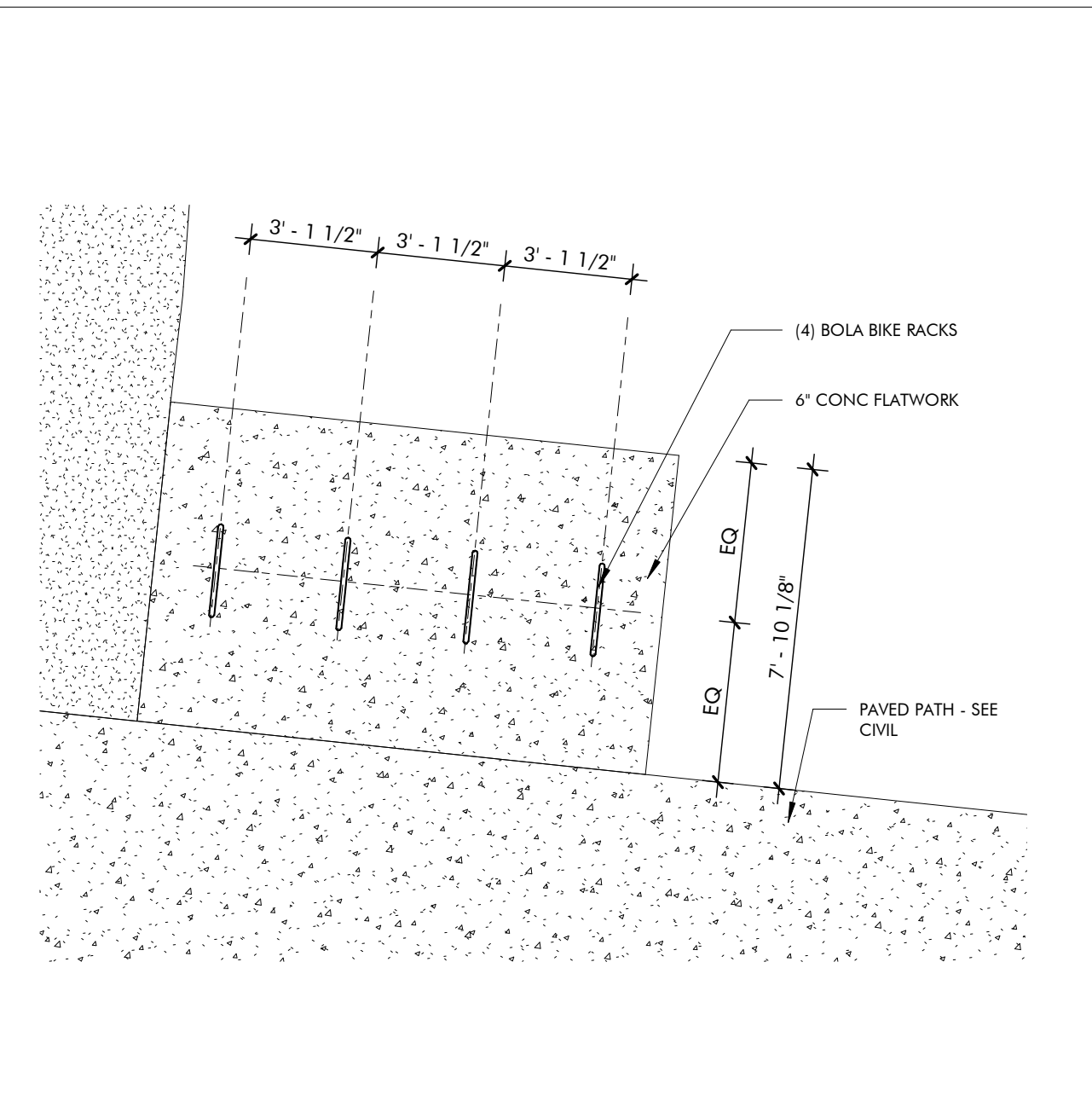
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A400



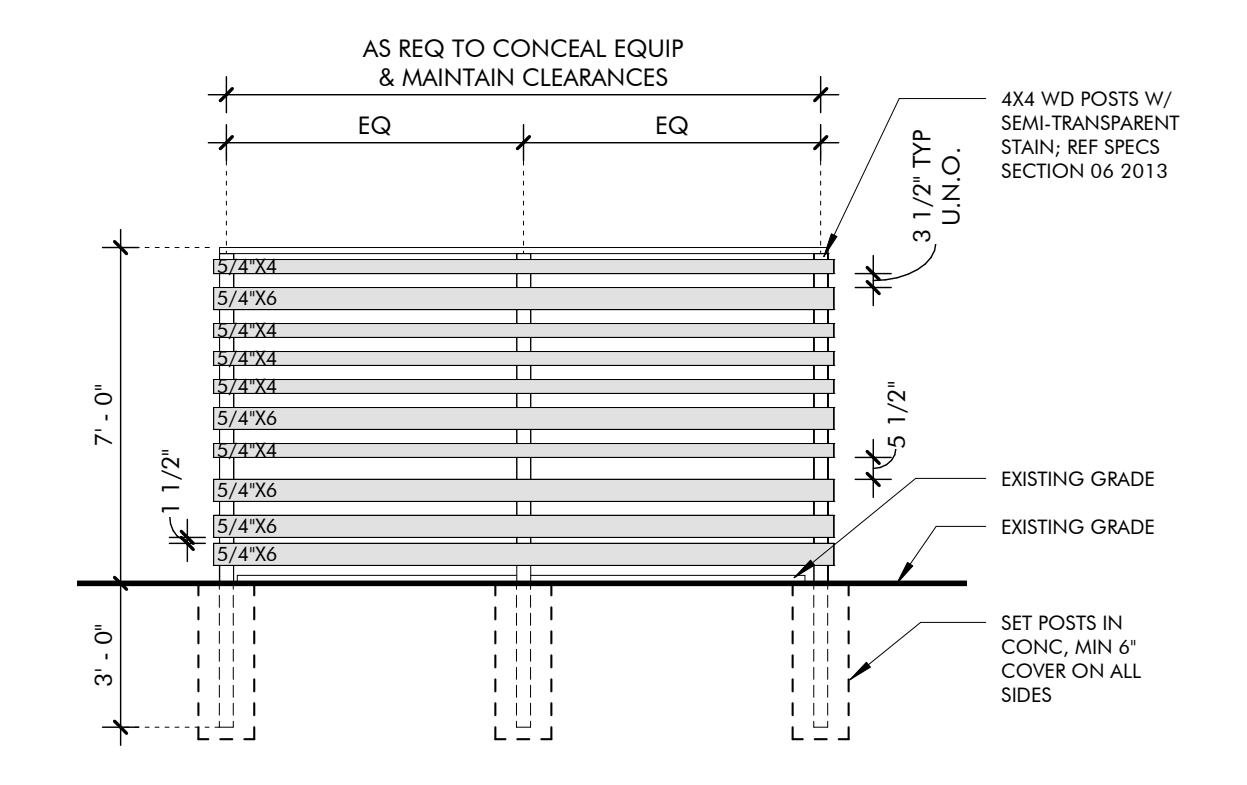
DETAIL SECTION
BICYCLE RACK

5
NTS



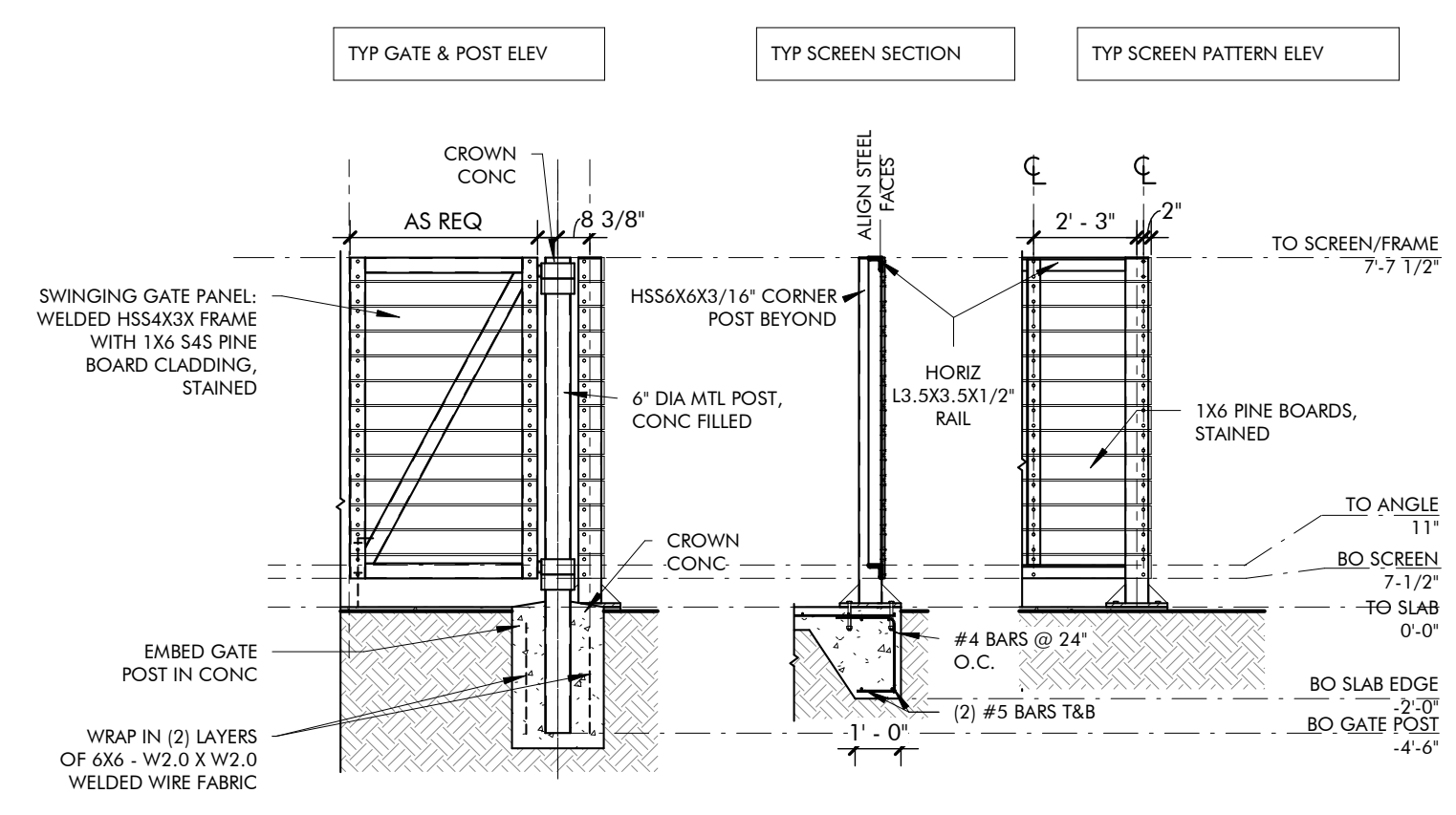
ENLARGED PLAN
TYP BICYCLE RACK

4
1/4" = 1'-0"



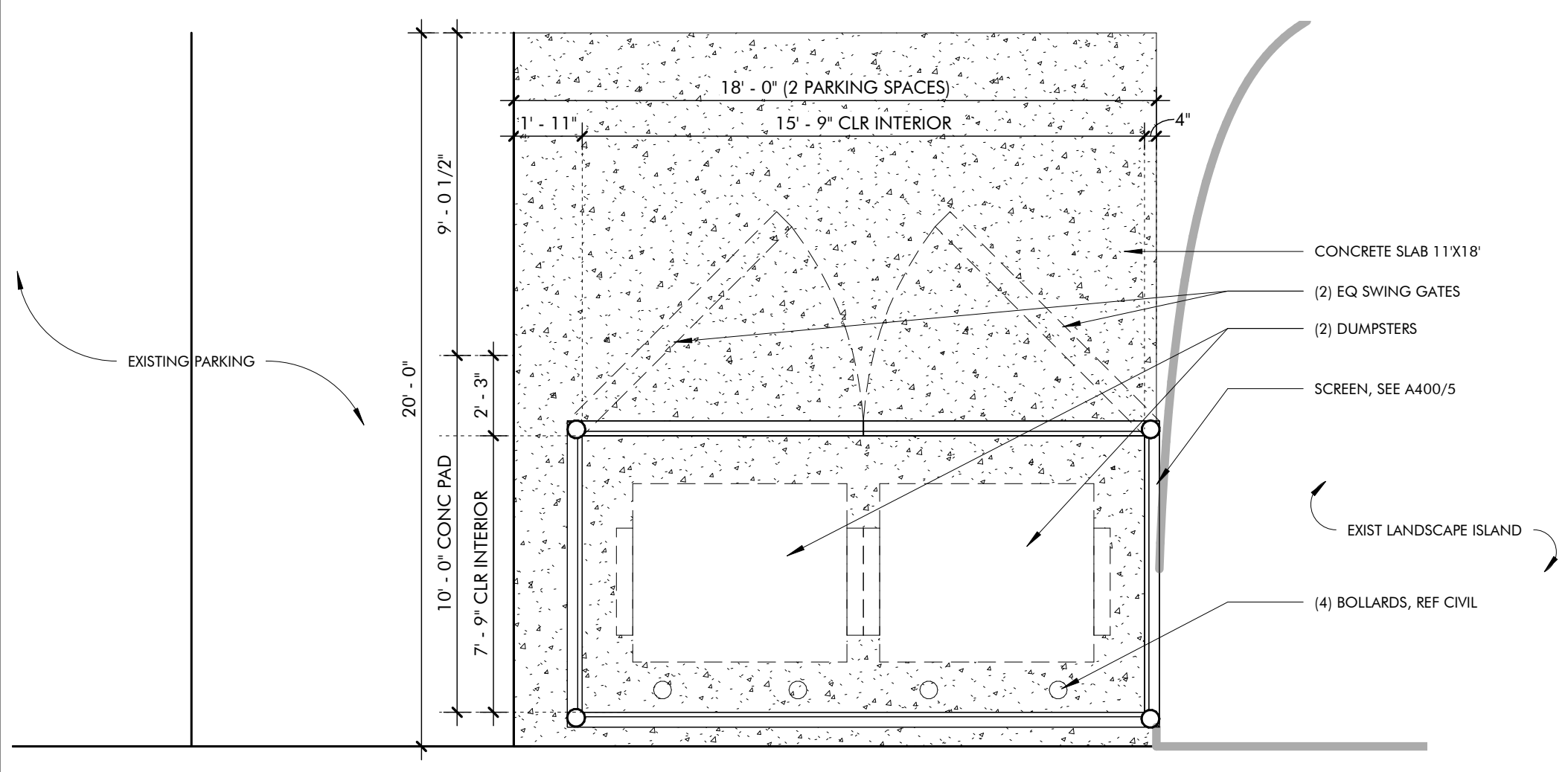
ELEVATION
TYP EQUIPMENT SCREEN

3
1/4" = 1'-0"



ENLARGED SECTIONS
DUMPSTER ENCLOSURE

2
1/4" = 1'-0"



ENLARGED PLAN
DUMPSTER ENCLOSURE

1
1/4" = 1'-0"

KEYNOTES

GENERAL NOTES

SHEET SPECIFIC NOTES

NOT FOR CONSTRUCTION

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Fairhope, AL 36532
p 251.929.0514

GULF COAST CENTER
FOR ECOTOURISM & SUSTAINABILITY
SITE & CIVIL PACKAGE
GULF SHORES, ALABAMA

No.	Date	Description
1	JANUARY 6, 2023	PRO SET
2		
3		
4		
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JOB: 19-028.000
PROJECT STATUS: CONFORMANCE SET
DATE: MARCH 24, 2023
SHEET NAME: ENLARGED DRAWINGS - ENCLOSURES & BIKE RACKS
SHEET NO.:

A401

ELECTRICAL SYMBOL LEGEND

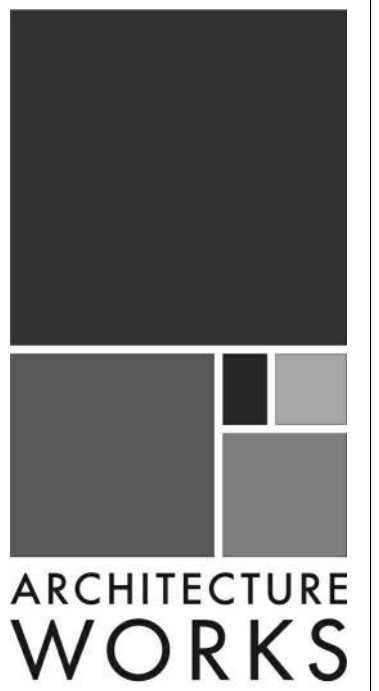
BASIC MATERIALS		FIRE ALARM / DETECTION SYSTEM		ABBREVIATIONS		ABBREVIATIONS (CONT.)	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
DEVICE ABBREVIATION TAGS:							
TR	TAMPER RESISTANT RECEPTACLE MOUNTED ADJACENT TO TV OUTLET, COORDINATE HEIGHT W/ ARCHITECT		MANHOLE		MANUAL PULL STATION	A/C	AIR CONDITIONING
TV	RECEPTACLE MOUNTED ADJACENT TO TV OUTLET, COORDINATE HEIGHT W/ ARCHITECT		PULLBOX		CEILING SMOKE DETECTOR, PHOTOELECTRIC TYPE UNLESS OTHERWISE NOTED	AC	ALTERNATING CURRENT
U	DUPLEX RECEPTACLE WITH (2) USB PORTS		HANDHOLE		E = ELEVATOR WITH RECALL CONTACTS I = IONIZATION	ABV CLG	ABOVE CEILING
WP	WEATHERPROOF		TRANSFORMER		DUCT SMOKE DETECTOR	ADA	AMERICANS WITH DISABILITIES ACT
Sa	SINGLE POLE SWITCH (SUBSCRIPT INDICATES ITEM CONTROLLED)		AUTOMATIC TRANSFER SWITCH		BEAM SMOKE DETECTOR BR OR R = BEAM DETECTOR RECEIVER BT OR T = BEAM DETECTOR TRANSMITTER	AF	AMPERE FRAME
S3	THREE-WAY SWITCH		FUSED DISCONNECT NEMA RATING; NEMA 1 UNLESS OTHERWISE NOTED NF = NON-FUSED AF = AMPERE RATING OF SWITCH 4X SS = NEMA 4X STAINLESS STEEL ENCLOSURE		HEAT DETECTOR 135°F FIXED TEMPERATURE, UNLESS OTHERWISE NOTED, CEILING MOUNTED	AFF	ABOVE FINISHED FLOOR
S4	FOUR-WAY SWITCH		FUSED DISCONNECT NEMA RATING; NEMA 1 UNLESS OTHERWISE NOTED AF = AMPERE RATING OF FUSE AR = AMPERE RATING OF SWITCH 4X SS = NEMA 4X STAINLESS STEEL ENCLOSURE		SUPERVISED ADDRESSABLE FIRE ALARM CONTROL RELAY	AFG	ABOVE FINISHED GRADE
S _K	SINGLE POLE KEY SWITCH		MCP AMPERE RATING		DUCT SMOKE DETECTOR REMOTE TEST SWITCH WITH INDICATING LAMP, WALL MOUNTED AT 48" AFF, UNLESS OTHERWISE NOTED	AHU	AIR HANDLING UNIT
S _T	DIGITAL TIMER SWITCH W/ 5 MIN. WARNING FLASH		COMBINATION MAGNETIC MOTOR STARTER, SIZE AS NOTED, 3-POLE UNLESS OTHERWISE NOTED 4X SS = NEMA 4X STAINLESS STEEL ENCLOSURE NEMA STARTER SIZE		COMBINATION SPEAKER/STROBE, WALL MOUNTED, 75CD UNLESS OTHERWISE NOTED CD = CANDELA RATING	AIC	AMPERE INTERRUPTING CAPACITY
S _{Tr}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH		SWITCHBOARD/ SWITCHGEAR/ DISTRIBUTION PANEL		STROBE, CEILING MOUNTED, 75 CD UNLESS OTHERWISE NOTED CD = CANDELA RATING	AL	ALUMINUM
S _{OSab}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH		BRANCH CIRCUIT PANELBOARD, OVER 240 VOLTS, SURFACE MOUNTED		FIREMAN'S PHONE JACK	AMP	AMPERE
S _{VS}	WALL MOUNTED DUAL TECHNOLOGY VACANCY SENSOR SWITCH		BRANCH CIRCUIT PANELBOARD, OVER 240 VOLTS, FLUSH MOUNTED		SPRINKLER TAMPER SWITCH CONNECTION	ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
S _{OS}	WALL MOUNTED DUAL TECHNOLOGY DIMMING/OCCUPANCY SENSOR SWITCH		BRANCH CIRCUIT PANELBOARD, UNDER 240 VOLTS, SURFACE MOUNTED		SPRINKLER WATERFLOW SWITCH CONNECTION	ASA	AMERICAN STANDARDS ASSOCIATION
S _{LV}	LOW VOLTAGE SWITCH		BRANCH CIRCUIT PANELBOARD, UNDER 240 VOLTS, FLUSH MOUNTED		PRESSURE SWITCH CONNECTION	AT	AMPERE TRIP
S _{LO}	LOW VOLTAGE OVERRIDE SWITCH		CONDUIT CONCEALED ABOVE CEILING OR IN WALL		ELECTROMAGNETIC DOOR HOLD OPEN DEVICE	ATS	AUTOMATIC TRANSFER SWITCH
S _{LVD}	LOW VOLTAGE OVERRIDE SWITCH WITH DIMMING		CONDUIT EXPOSED		FIRE ALARM CONTROL PANEL	AUX	AUXILIARY
Sf	FAN SWITCH		CONDUIT CONCEALED IN SLAB, UNDERGROUND OR UNDER FLOOR		FIRE ALARM TERMINAL CABINET	AWG	AMERICAN WIRE GAUGE
S _M	MOTOR RATED SWITCH		CONDUIT HOMERUN TO ELECTRICAL PANEL		FIRE ALARM ANNUNCIATOR PANEL - FLUSH MOUNTED	BC	BARE COPPER
S _D	DIMMER SWITCH, LINE VOLTAGE		CONDUIT TURNING UP		VOICE EVACUATION PANEL	BIL	BASIC IMPULSE LEVEL
S _{OS}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR		CONDUIT TURNING DOWN		MASS NOTIFICATION SYSTEM PANEL	BAS	BUILDING AUTOMATION SYSTEM
S _{VS}	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR		CONDUIT STUBBED OUT OR UP		MASS NOTIFICATION SYSTEM PANEL	BMS	BUILDING MANAGEMENT SYSTEM
S _{LV}	DAYLIGHT SENSOR CEILING MOUNTED		CONDUIT CONTINUED		BREAKER	BRKR OR BKR	BREAKER
S _{LVD}	VACANCY SENSOR CEILING MOUNTED		FLEXIBLE CONDUIT		CABINET	C	CONDUIT OR RACEWAY
S _{LVD}	VACANCY SENSOR WALL MOUNTED		CONDUIT SEAL-OFF FITTING		CIRCUIT	CAB	CABINET
Sf	FAN SWITCH		GROUND OR GROUND ROD AS NOTED		CIRCUIT BREAKER	CKT	CIRCUIT
S _M	MOTOR RATED SWITCH		EXISTING TO BE REMOVED (HEAVY, DASHED LINE)		CERTIFIED BALLAST MANUFACTURERS	CB	CIRCUIT BREAKER
S _D	DIMMER SWITCH, LINE VOLTAGE		EXISTING TO REMAIN (LIGHT, SOLID LINE)		CABLE TELEVISION	CBM	CERTIFIED BALLAST MANUFACTURERS
S _{OS}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR		NEW (HEAVY, SOLID LINE)		CLOSED CIRCUIT TELEVISION	CATV	CABLE TELEVISION
S _{VS}	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				CLOCK EQUIPMENT CABINET	CCTV	CLOSED CIRCUIT TELEVISION
S _{LV}	DAYLIGHT SENSOR CEILING MOUNTED				CEILING	CLEC	CLOCK EQUIPMENT CABINET
S _{LVD}	VACANCY SENSOR CEILING MOUNTED				CONDUIT OR RACEWAY ONLY	CLG	CEILING
S _{LVD}	VACANCY SENSOR WALL MOUNTED				COAXIAL CABLE	CO	CONDUIT OR RACEWAY ONLY
Sf	FAN SWITCH				CONDUCTOR	COAX	COAXIAL CABLE
S _M	MOTOR RATED SWITCH				CONNECTION	COND	CONDUIT
S _D	DIMMER SWITCH, LINE VOLTAGE				CENTRAL PROCESSING UNIT	CONN	CONNECTION
S _{OS}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				CATHODE RAY TERMINAL (VIDEO DISPLAY TERMINAL)	CPU	CENTRAL PROCESSING UNIT
S _{VS}	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				CURRENT TRANSFORMER	CRT	CATHODE RAY TERMINAL (VIDEO DISPLAY TERMINAL)
S _{LV}	DAYLIGHT SENSOR CEILING MOUNTED				COPPER	CT	CURRENT TRANSFORMER
S _{LVD}	VACANCY SENSOR CEILING MOUNTED				COLD WATER	CU	COPPER
S _{LVD}	VACANCY SENSOR WALL MOUNTED				DIRECT CURRENT	CW	COLD WATER
Sf	FAN SWITCH				DIRECT DIGITAL CONTROL	DC	DIRECT CURRENT
S _M	MOTOR RATED SWITCH				DEGREE	DDC	DIRECT DIGITAL CONTROL
S _D	DIMMER SWITCH, LINE VOLTAGE				DEMAND FACTOR	DEG	DEGREE
S _{OS}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				DISCONNECT	DF	DEMAND FACTOR
S _{VS}	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				DISCONNECT SWITCH	DISC	DISCONNECT
S _{LV}	DAYLIGHT SENSOR CEILING MOUNTED				DRAW OUT	DISC SW	DISCONNECT SWITCH
S _{LVD}	VACANCY SENSOR CEILING MOUNTED				DOWN	DO	DRAW OUT
S _{LVD}	VACANCY SENSOR WALL MOUNTED				DOUBLE POLE SINGLE THROW	DN	DOWN
Sf	FAN SWITCH				ELECTRIC DUCT HEATER	DPST	DOUBLE POLE SINGLE THROW
S _M	MOTOR RATED SWITCH				ELECTRIC METALLIC TUBING	EDH	ELECTRIC DUCT HEATER
S _D	DIMMER SWITCH, LINE VOLTAGE				ELECTRICALLY OPERATED	EMT	ELECTRIC METALLIC TUBING
S _{OS}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				END OF LINE	EO	ELECTRICALLY OPERATED
S _{VS}	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				ENGINEER OF RECORD	EOL	END OF LINE
S _{LV}	DAYLIGHT SENSOR CEILING MOUNTED				EXISTING TO REMAIN	EOR	ENGINEER OF RECORD
S _{LVD}	VACANCY SENSOR CEILING MOUNTED				EXISTING TO BE REMOVED	ETR	EXISTING TO REMAIN
S _{LVD}	VACANCY SENSOR WALL MOUNTED				EXISTING TO REMAIN	EWC	EXISTING TO REMAIN
Sf	FAN SWITCH				EXISTING TO BE REMOVED	FA	EXISTING TO REMAIN
S _M	MOTOR RATED SWITCH				EXISTING TO REMAIN	FAFP	FIRE ALARM ANNUNCIATOR PANEL
S _D	DIMMER SWITCH, LINE VOLTAGE				EXISTING TO BE REMOVED	FATC	FIRE ALARM TERMINAL CABINET
S _{OS}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO REMAIN	FBC	FLORIDA BUILDING CODE
S _{VS}	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO BE REMOVED	FCU	FAN COIL UNIT
S _{LV}	DAYLIGHT SENSOR CEILING MOUNTED				EXISTING TO REMAIN	FLA	FULL LOAD AMPERES
S _{LVD}	VACANCY SENSOR CEILING MOUNTED				EXISTING TO BE REMOVED	FM	FACTORY MUTUAL
S _{LVD}	VACANCY SENSOR WALL MOUNTED				EXISTING TO REMAIN	FPU	FAN POWERED UNIT
Sf	FAN SWITCH				EXISTING TO BE REMOVED	FT	FEET
S _M	MOTOR RATED SWITCH				EXISTING TO REMAIN	GF	GROUND FAULT
S _D	DIMMER SWITCH, LINE VOLTAGE				EXISTING TO BE REMOVED	GFA	GROUND FAULT ALARM
S _{OS}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO REMAIN	GFCI	GROUND FAULT CIRCUIT INTERRUPTER
S _{VS}	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO BE REMOVED	GFR	GROUND FAULT RELAY
S _{LV}	DAYLIGHT SENSOR CEILING MOUNTED				EXISTING TO REMAIN	GND, G	GROUND
S _{LVD}	VACANCY SENSOR CEILING MOUNTED				EXISTING TO BE REMOVED	HP	HORSEPOWER
S _{LVD}	VACANCY SENSOR WALL MOUNTED				EXISTING TO REMAIN	HOA	HAND-OFF-AUTOMATIC
Sf	FAN SWITCH				EXISTING TO BE REMOVED	HORIZ	HORIZONTAL
S _M	MOTOR RATED SWITCH				EXISTING TO REMAIN	IBC	INTERNATIONAL BUILDING CODE
S _D	DIMMER SWITCH, LINE VOLTAGE				EXISTING TO BE REMOVED	IC	INTERCOM
S _{OS}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO REMAIN	ICU	INTENSIVE CARE UNIT
S _{VS}	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO BE REMOVED	IECC	INTERNATIONAL ENERGY CONSERVATION CODE
S _{LV}	DAYLIGHT SENSOR CEILING MOUNTED				EXISTING TO REMAIN		
S _{LVD}	VACANCY SENSOR CEILING MOUNTED				EXISTING TO BE REMOVED		
S _{LVD}	VACANCY SENSOR WALL MOUNTED				EXISTING TO REMAIN		
Sf	FAN SWITCH				EXISTING TO BE REMOVED		
S _M	MOTOR RATED SWITCH				EXISTING TO REMAIN		
S _D	DIMMER SWITCH, LINE VOLTAGE				EXISTING TO BE REMOVED		
S _{OS}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO REMAIN		
S _{VS}	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO BE REMOVED		
S _{LV}	DAYLIGHT SENSOR CEILING MOUNTED				EXISTING TO REMAIN		
S _{LVD}	VACANCY SENSOR CEILING MOUNTED				EXISTING TO BE REMOVED		
S _{LVD}	VACANCY SENSOR WALL MOUNTED				EXISTING TO REMAIN		
Sf	FAN SWITCH				EXISTING TO BE REMOVED		
S _M	MOTOR RATED SWITCH				EXISTING TO REMAIN		
S _D	DIMMER SWITCH, LINE VOLTAGE				EXISTING TO BE REMOVED		
S _{OS}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO REMAIN		
S _{VS}	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO BE REMOVED		
S _{LV}	DAYLIGHT SENSOR CEILING MOUNTED				EXISTING TO REMAIN		
S _{LVD}	VACANCY SENSOR CEILING MOUNTED				EXISTING TO BE REMOVED		
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S _{OS}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO REMAIN		
S _{VS}	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO BE REMOVED		
S _{LV}	DAYLIGHT SENSOR CEILING MOUNTED				EXISTING TO REMAIN		
S _{LVD}	VACANCY SENSOR CEILING MOUNTED				EXISTING TO BE REMOVED		
S _{LVD}	VACANCY SENSOR WALL MOUNTED				EXISTING TO REMAIN		
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S _M	MOTOR RATED SWITCH				EXISTING TO REMAIN		
S _D	DIMMER SWITCH, LINE VOLTAGE				EXISTING TO BE REMOVED		
S _{OS}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO REMAIN		
S _{VS}	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO BE REMOVED		
S _{LV}	DAYLIGHT SENSOR CEILING MOUNTED				EXISTING TO REMAIN		
S _{LVD}	VACANCY SENSOR CEILING MOUNTED				EXISTING TO BE REMOVED		
S _{LVD}	VACANCY SENSOR WALL MOUNTED				EXISTING TO REMAIN		
Sf	FAN SWITCH				EXISTING TO BE REMOVED		
S _M	MOTOR RATED SWITCH				EXISTING TO REMAIN		
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S _{LV}	DAYLIGHT SENSOR CEILING MOUNTED				EXISTING TO REMAIN		
S _{LVD}	VACANCY SENSOR CEILING MOUNTED				EXISTING TO BE REMOVED		
S _{LVD}	VACANCY SENSOR WALL MOUNTED				EXISTING TO REMAIN		
Sf	FAN SWITCH				EXISTING TO BE REMOVED		
S _M	MOTOR RATED SWITCH				EXISTING TO REMAIN		
S _D	DIMMER SWITCH, LINE VOLTAGE				EXISTING TO BE REMOVED		
S _{OS}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO REMAIN		
S _{VS}	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO BE REMOVED		
S _{LV}	DAYLIGHT SENSOR CEILING MOUNTED				EXISTING TO REMAIN		
S _{LVD}	VACANCY SENSOR CEILING MOUNTED				EXISTING TO BE REMOVED		
S _{LVD}	VACANCY SENSOR WALL MOUNTED				EXISTING TO REMAIN		
Sf	FAN SWITCH				EXISTING TO BE REMOVED		
S _M	MOTOR RATED SWITCH				EXISTING TO REMAIN		
S _D	DIMMER SWITCH, LINE VOLTAGE				EXISTING TO BE REMOVED		
S _{OS}	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO REMAIN		
S _{VS}	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR				EXISTING TO BE REMOVED		
S _{LV}	DAYLIGHT SENSOR CEILING MOUNTED				EXISTING TO REMAIN		
S _{LVD}	VACANCY SENSOR CEILING MOUNTED				EXISTING TO BE REMOVED		
S _{LVD}							



04/07/2023

This item has been electronically signed and sealed by Michael Barille, PE on the date adjacent to this seal.

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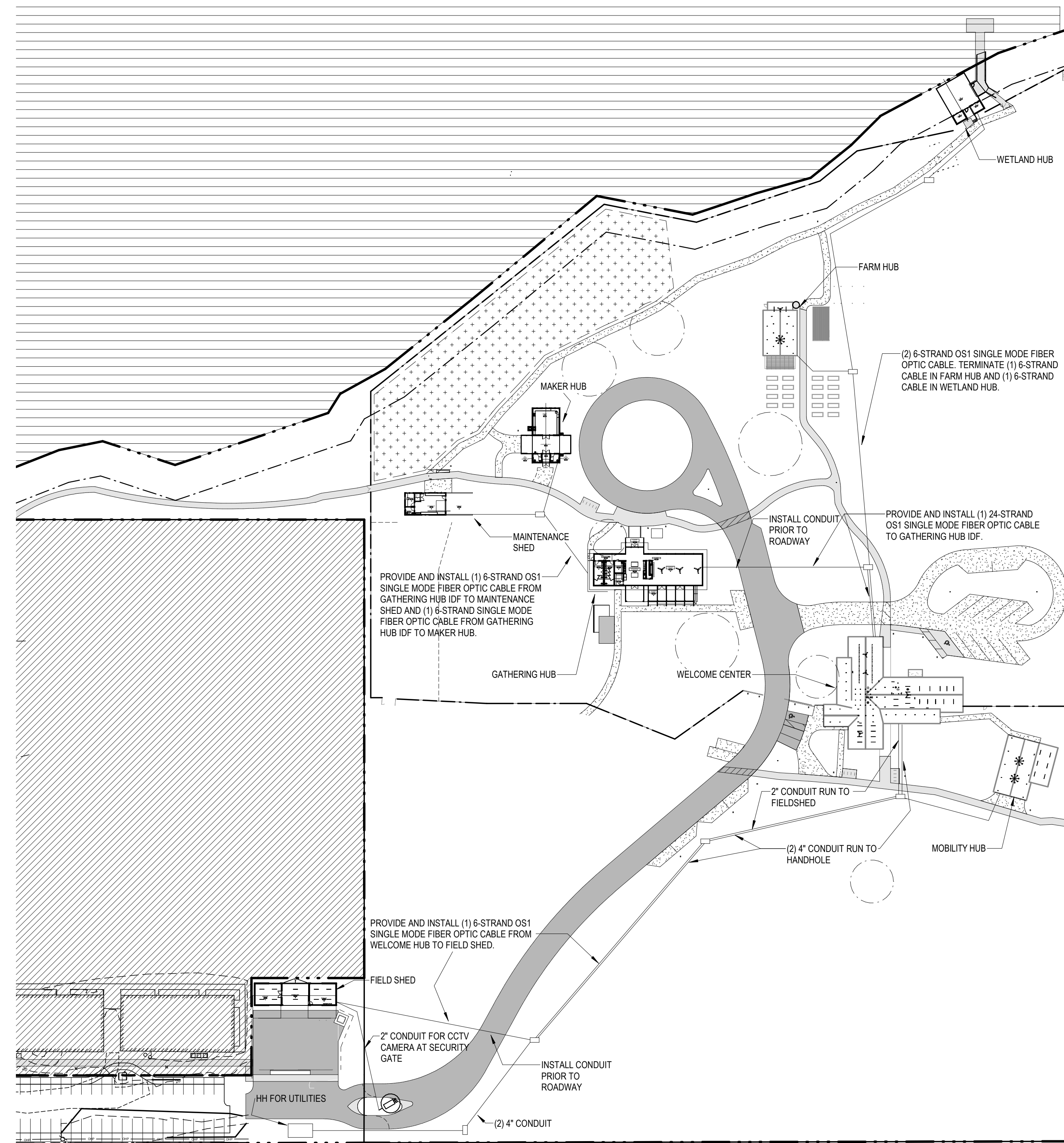
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1 LEVEL 1 - OVERALL SITE PLAN - TECHNOLOGY
1/64" = 1'-0"

DATE	
NO.	
JOB	19-028.000
PROJECT STATUS	CONFORMANCE SET
DATE	MARCH 24, 2023
SHEET	TECHNOLOGY - OVERALL SITE PLAN
SHEET	TC100

