

CONCEPTUAL RENDERING: RENDERING MAY NOT ACCURATELY REFLECT CONSTRUCTION DOCUMENTS - NOT FOR CONSTRUCTION

SHEET INDEX

GENERAL

00-Cover
000 COVER

CIVIL

LANDSCAPE

STRUCTURAL

S000 STRUCTURAL ABBREVIATIONS AND LEGENDS
S001 GENERAL NOTES
S002 GENERAL NOTES (CONTINUED)
S003 SPECIAL INSPECTIONS
S110 FOUNDATION PLAN
S111 ENLARGED FOUNDATION PLAN & DETAILS
S114 MEZZANINE FLOOR FRAMING PLAN
S200 ROOF FRAMING PLAN
S300 TYPICAL DETAILS - FOUNDATION DETAILS
S301 TYPICAL DETAILS - FOUNDATION DETAILS
S302 TYPICAL DETAILS - CMU WALLS
S303 TYPICAL DETAILS - COMPOSITE SLAB
S304 TYPICAL DETAILS - STRUCTURAL STEEL
S400 FOUNDATION DETAILS
S500 FRAMING DETAILS

ARCHITECTURAL

000-General
G000 SITE LOCATION PLAN, ABBREVIATIONS, AND SYMBOLS LEGEND
G001 CODE PLAN

02-Exterior/Shell
X000 OVERALL KEYNOTE SCHEDULES AND GENERAL NOTES
X001 3D VIEWS AND WALL / ROOF ASSEMBLIES
X002 LAYOUT PLAN
X112 EXTERIOR DIMENSION PLAN
X200 ROOF PLAN AND ROOF DETAILS
X300 EXTERIOR ELEVATIONS
X301 EXTERIOR ELEVATIONS
X400 BUILDING SECTIONS

03-Architectural
A000 ARCH ABBREVIATIONS AND SYMBOLS LEGEND
A110 FLOOR PLAN
A111 MEZZANINE FLOOR PLANS
A112 DIMENSION AND PARTITION TYPES
A113 REFLECTED CEILING PLAN
A114 FURNITURE AND EQUIPMENT PLAN
A115 FINISH PLAN
A400 BUILDING SECTIONS AND BUILDING CONNECTION DETAILS
A700 LARGE SCALE PLANS
A900 EXTERIOR AND INTERIOR DOOR SCHEDULE AND ELEVATIONS

FIRE PROTECTION & PLUMBING

FPM000 FIRE PROTECTION COVER PAGE
FPM100 FIRE PROTECTION FLOOR PLAN
FPM500 FIRE PROTECTION DETAILS & SCHEDULES

PM000 PLUMBING COVER PAGE
PM100 PLUMBING UNDERFLOOR PLAN
PM101 PLUMBING FLOOR PLAN
PM500 PLUMBING DETAILS
PM501 PLUMBING DETAILS
PM600 PLUMBING SCHEDULES

MECHANICAL

MM000 MECHANICAL COVER PAGE
MM100 MECHANICAL PLAN
MM500 MECHANICAL DETAILS
MM600 MECHANICAL SCHEDULES

ELECTRICAL

EM000 ELECTRICAL COVER PAGE
ECM100 EQUIPMENT CONNECTION PLAN
ELM100 ELECTRICAL LIGHTING PLAN
EPM100 ELECTRICAL POWER PLAN
EPM300 ELECTRICAL ROOF PLAN
EYM100 ELECTRICAL SYSTEMS PLAN
EM500 ELECTRICAL DETAILS
EM501 ELECTRICAL DETAILS
EM502 ELECTRICAL DETAILS
EM503 ELECTRICAL DETAILS
EM600 ELECTRICAL SCHEDULES
EM601 ELECTRICAL SCHEDULES
EM602 ELECTRICAL SCHEDULES

TECHNOLOGY

TM000 TECHNOLOGY COVER PAGE
TM100 TECHNOLOGY PLAN
TM500 TECHNOLOGY DETAILS
TM501 TECHNOLOGY DETAILS
TM502 TECHNOLOGY DETAILS
TM600 TECHNOLOGY SCHEDULES

CIVIL
RLG CONSULTING ENGINEERS
12001 N CENTRAL
EXPY #300
DALLAS, TX 75243
CONTACT - Phillip Brugger
P - 214.739.8100
E - pbrugger@rlginc.com

LANDSCAPE
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY
STE 1170
DALLAS, TX 75243
CONTACT - Hank Dalton
P - 214.749.0333
E - hdalton@hodgsondouglas.com

STRUCTURAL
RLG CONSULTING ENGINEERS
12001 N CENTRAL
EXPY #300
DALLAS, TX 75243
CONTACT - Michael Wendlandt
P - 214.739.8100
E - mwendlandt@rlginc.com

ARCHITECTURE
ADG
800 SW ADAMS STREET
SUITE 101
PEORIA, IL 61602
CONTACT - Peter Galick
P - 309.672.6948
E - pete.galick@thinkadg.com

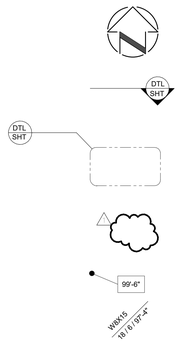
MECHANICAL, ELECTRICAL & PLUMBING
KEDbluestone
707 NE JEFFERSON AVE
PEORIA, IL 61602
CONTACT - Matthew Jhanke
P - 515.259.5957
E - matthew.jahnke@kedbluestone.com

OWNER CONSULTANT
QSC SERVICES, LLC
PMB #69, 545 BRENT LN.
PENSACOLA, FL
CONTACT - Lance Zaerr, Jr.
P - 309.231.8272
E - lzaerrjr@qscservices.us

PROJECT INFORMATION

ADDRESS	20 CLARINDA LN
CITY, STATE ZIP	PENSACOLA, FL 32505
PROJECT NO.	2613
STATUS	BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE	10/22/2026
OWNER ID	DESIGN & CONSTRUCTION ADMINISTRATION DIVISION ESCAMBIA COUNTY, FLORIDA 100. E BLOUNT STREET PENSACOLA, FL

STRUCTURAL CALLOUTS



NORTH ARROW (PLAN NORTH)

SECTION CALLOUT

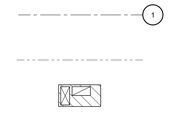
PLAN DETAIL CALLOUT

REVISION CLOUD & DELTA

SPOT ELEVATION

COLUMN / PIER CALLOUT

STRUCTURAL PLANS



STRUCTURAL GRID

FACE OF ARCH FINISH (MATL VARIES)

MECHANICAL EQUIPMENT

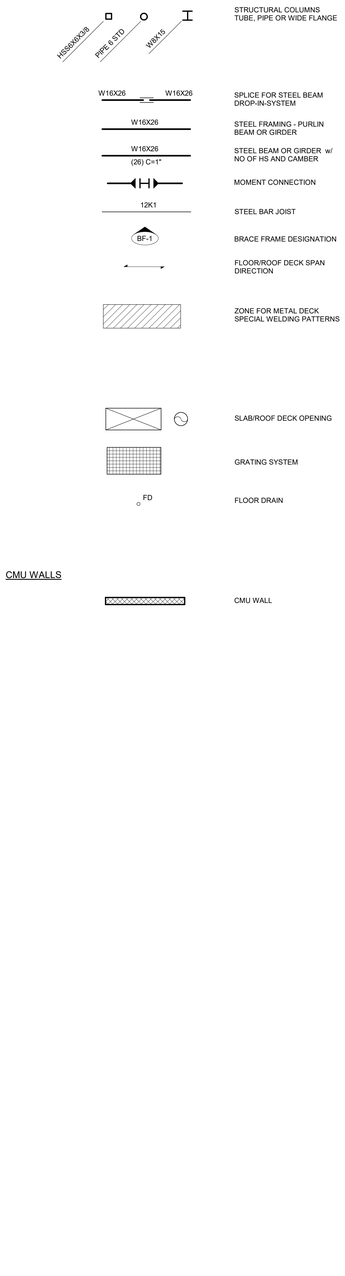
REINFORCED CONCRETE

STRUCTURAL CONCRETE WALL OR COLUMN IN SECTION

PIERS AND GRADE BEAM FOUNDATION (STRAIGHT OR BELL)

FOOTING AND GRADE BEAM FOUNDATION (SPREAD OR CONT)

STRUCTURAL STEEL FRAMING



STRUCTURAL COLUMNS TUBE, PIPE OR WIDE FLANGE

SPLICE FOR STEEL BEAM DROP-IN-SYSTEM

STEEL FRAMING - PURLIN BEAM OR GIRDER

STEEL BEAM OR GIRDER w/ NO OF HS AND CAMBER

MOMENT CONNECTION

STEEL BAR JOIST

BRACE FRAME DESIGNATION

FLOOR/ROOF DECK SPAN DIRECTION

ZONE FOR METAL DECK SPECIAL WELDING PATTERNS

SLAB/ROOF DECK OPENING

GRATING SYSTEM

FD

FLOOR DRAIN

CMU WALLS

CMU WALL

STRUCTURAL ABBREVIATIONS

ABOVE FINISH FLOOR	AFF	KIPS (1000 LBS.)	K
ADDITIONAL	ADDL	KIP PER LINEAR FOOT	KLF
AMERICAN INSTITUTE OF STEEL CONSTRUCTION	AISC	KIP PER SQUARE FLOOR	KSF
AMERICAN WELDING SOCIETY	AWS	KNOCKOUT PANEL	K/O
ANCHOR BOLT	AB	PANEL	
AMERICAN CONC. INSTITUTE	ACI	LIGHT WEIGHT	LT WT
APPROXIMATE	APPROX	LIVE LOAD	LL
ARCHITECT	ARCH	LONGITUDINAL	LONG
ARCHITECTURAL	ARCH	LONG LEG BACK TO BACK	LLBB
AREA DRAIN	AD	LONG LEG HORIZONTAL	LLH
AIR CONDITIONER	A/C	LONG LEG VERTICAL	LLV
AIR HANDLING UNIT	AHU	LOW	LO
AT	@		
		MANUFACTURER	MFR
BASEMENT	BSMT	MASONRY	MAS
BASE PLATE	B PL	MATERIAL	MATL
BEAM	BM	MAXIMUM	MAX
BEARING	BRG	MECHANICAL	MECH
BELOW FINISH FLOOR	BFF	METAL	MTL
BETWEEN	BTWN	MEZZANINE	MEZZ
BLOCK	BLK	MIDDLE	MID
BLOCKING	BLKG	MINIMUM	MIN
BOTTOM	BOT	MISCELLANEOUS	MISC
BRICK LEDGE	BL	MOMENT CONNECTION	MC
BRIDGING	BRDG		
BUILDING	BLDG	NEAR SIDE	NS
BUILDING LINE	BLDG LINE	NOMINAL	NOM
		NORMAL WEIGHT	N WT
CANTILEVER	CANT	NOT APPLICABLE	NA
CAST-IN-PLACE	CIP	NOT IN CONTRACT	NIC
CEILING	CLG	NOT TO SCALE	NTS
CENTER LINE	CL	NUMBER	NO, #
CLEAR	CLR		
COLUMN	COL	ON CENTER	OC
COLD FORMED METAL COMPRESSION, COMPRESSIBLE	CFM COMP	OPENING	OPNG
		OPPOSITE	OPP
		OPPOSITE HAND	OH
CONCRETE	CONC	ORIGINAL	ORIG
CONCRETE MASONRY UNIT	CMU	OUTSIDE FACE	OF
CONNECTION	CONNX	OUTSIDE DIAMETER	OD
CONTINUOUS	CONT		
CONSTRUCTION	CONSTR	PARALLEL	PARAL
CONSTRUCTION JOINT	CJ	PAVEMENT	PVMT
CONTRACTOR	CONTR	PERIMETER	PERIM
COORDINATE	COORD	PERPENDICULAR	PERP
		PLATE	PL
DEGREE	DEG	POST-TENSION	PT
DETAIL	DTL	POUNDS	LBS
DEAD LOAD	DL	POUNDS PER CUBIC FOOT	PCF
DIAGONAL	DIAG	POUNDS PER SQUARE INCH	PSI
DIAMETER	DIA	PRECAST CONCRETE	PC
DIMENSION	DIM	COMPRESSIBLE JOINT FILLER	CJF
DRAWING	DWG	PROJECTION	PROJ
DOUBLE	DBL		
DOUBLE ANGLE	2L	QUANTITY	QTY
DOWEL	DWL		
DOWN	DN	RADIUS	R
		RECOMMENDATIONS	REC
EACH	EA	REFER/REFERENCE	REF
EACH FACE	EF	REINFORCED	
EACH WAY	EW	CONCRETE PIPE	RCP
ELEVATOR	ELEV	REINFORCED, REINFORCING	REINF
EMBEDMENT	EMBED	REQUIRED	REQD
ENGINEER	ENG	REQUIREMENT	REQT
EQUAL	EQ	ROOF DRAIN	RD
EQUIPMENT	EQUIP	ROOF TOP UNIT	RTU
EXHAUST FAN	EXF		
EXISTING	EXIST (E)	SCHEDULE	SCHED
EXPANSION JOINT	EJ	SECTION	SECT
EXTERIOR	EXT	SHEET	SHT
		SHORT LEG BACK TO BACK	SLBB
FABRICATOR, FABRICATE	FAB	SIMILAR	SIM
FACE OF	FO	SLAB ON GRADE	SOG
FACE TO FACE	F TO F	SPACE	SP
FAR SIDE	FS	SPECIFICATION	SPEC
FINISHED FLOOR	FIN FLR	SQUARE	SQ
FLOOR	FLR	SQUARE FOOT/FEET	SF
FLOOR DRAIN	FD	STAINLESS STEEL	SS
FOOT	FT	STANDARD	STD
FOOTING	FTG	STEEL	STL
FOUNDATION	FDN	STEEL STUD MFR. ASSOC.	SSMA
FRAME	FRM	STIFFENER	STIFF
		STRAIGHT	STR
GAGE OR GAUGE	GA	STIRRUPS	STIRR
GALVANIZED	GALV	STRUCTURAL	STRUCT
GENERAL	GEN	SUPPORT	SUPT
GENERAL CONTRACTOR	GC	SYMMETRICAL	SYM
GIRDER TRUSS	GT		
GRADER BEAM	GB	TEMPERATURE	TEMP
		THICK	THK
HEADED STUDS	HS	THREADED ROD	TH RD
HEIGHT	HT	TONGUE AND GROOVE	T&G
HIGH	HI	TOP AND BOTTOM	T&B
HIGH AND LOW	HI & LO	TOP OF	TO
HORIZONTAL	HORIZ	TOTAL LOAD	TL
		TRANSVERSE	TRANS
INCH	IN	TYPICAL	TYP
INFORMATION	INFO		
INSIDE DIAMETER	ID	UNLESS NOTED OTHERWISE	UNO
INSIDE FACE	IF	VERTICAL	VERT
INTERIOR	INT		
INTERMEDIATE	INTERM	WATERSTOP	WS
		WEIGHT	WT
JOINT	JT	WELDER WIRE FABRIC	WWF
JOIST	JST	WIDE FLANGE BEAM	WF
		WITH	W/
		WITHOUT	W/O
		WORK POINT	WP

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY RLG

STRUCTURAL ABBREVIATIONS AND LEGEND **S000**

LOAD BEARING STRUCTURAL MASONRY

1. STRUCTURAL MASONRY SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" ACI 530 / ASCE 5 - LATEST EDITION.
2. HOLLOW LOAD BEARING MASONRY UNITS SHALL CONFORM TO ASTM C90, LIGHTWEIGHT, TYPE N, WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 1900 psi ON THE NET AREA OF THE BLOCK. DESIGN BASED ON AN ULTIMATE COMPRESSIVE STRENGTH f'm = 2500 psi.
3. MORTAR SHALL CONFORM TO ASTM C270, TYPE M OR S.
4. GROUT SHALL CONFORM TO ASTM A476 WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 psi. USE COARSE GROUT IN TYPICAL APPLICATION. USE FINE GROUT IN 4" AND 6" CMU WALLS AND IN ANY CELL REINFORCED WITH MORE THAN ONE BAR.
5. REFER TO REINFORCING STEEL NOTES FOR REINFORCEMENT USED IN MASONRY CONSTRUCTION. ALL REINFORCING TO BE GRADE 60. PRIOR TO FABRICATION SUBMIT SHOP DRAWINGS FOR REVIEW, INCLUDING WALL ELEVATIONS SHOWING ALL REINFORCING STEEL.
6. VERTICAL REINFORCING SHALL BE #6 BARS AT A MAXIMUM SPACING OF 48" O.C., UNLESS OTHERWISE NOTED ON DRAWINGS. THE FIRST CELL AT CORNERS AND ENDS OF WALLS SHALL BE REINFORCED WITH 1-#6 BAR AND GROUTED FULL. ON EACH SIDE OF WALL OPENINGS 1-#5 BAR EXTENDING 2'-0" BEYOND CORNERS OF OPENING SHALL BE PLACED. ALL REINFORCED CELLS SHALL BE FILLED SOLIDLY WITH GROUT. REFER TO DETAILS FOR SPECIAL REINFORCEMENT AT SUPPORTS.
7. REINFORCING BARS SHALL BE STRAIGHT EXCEPT FOR BENDS AROUND CORNERS AND WHERE BENDS OR HOOKS ARE DETAILED ON THE PLANS.
8. REINFORCING STEEL SHALL BE LAPPED 60 BAR DIAMETERS WHERE SPLICED AND SHALL BE WIRED TOGETHER.
9. HORIZONTAL WALL REINFORCING SHALL BE EXTRA HEAVY HOHMANN & BARNARD COMPANY (LADUR TYPE) AT 1'-4" O.C. FOR 12" CMU AND STANDARD HOHMANN & BARNARD COMPANY (LADUR TYPE) AT 1'-4" O.C. FOR 8" CMU. IN LIEU OF HOHMANN & BARNARD COMPANY REINFORCEMENT THE CONTRACTOR MAY PROVIDE HORIZONTAL BOND BEAMS LOCATED 48" O.C. VERTICALLY AND REINFORCED WITH 2-#5 CONTINUOUS BARS.
10. ALL REINFORCING SHALL BE IN PLACE PRIOR TO GROUTING. VERTICAL REINFORCING BARS SHALL BE HELD IN POSITION AT TOP, BOTTOM, AND AT INTERVALS NOT FURTHER APART THAN 192 BAR DIAMETERS BY WALL-BRAC VERTICAL STEEL POSITIONER AS MANUFACTURED BY W.C.R. FABRICATORS, OR AN EQUIVALENT POSITIONER.
11. PROVIDE CONTINUOUS CMU BOND BEAMS (8" MIN. DEPTH) REINFORCED WITH 2-#5 CONTINUOUS BARS AT TOP OF PARAPETS AND AT ROOF FRAMING ELEVATION FOR FULL LENGTH OF ALL WALLS, WHERE BOND BEAMS REQUIRE SLOPES, PROVIDE 16" DEEP BOND BEAM AND CUT TO PROVIDE AN 8" MINIMUM DEPTH. CONTINUE HORIZONTAL REINFORCEMENT THROUGH MASONRY COLUMNS AND PILASTERS.
12. PROVIDE 2-#5 CORNER BARS (2'-6"x2'-6"), LAP WITH CONTINUOUS BARS IN ALL BOND BEAMS AT CORNERS AND WALL INTERSECTIONS.
13. PROVIDE VERTICAL CONTROL JOINTS IN ALL MASONRY WALLS WHERE SHOWN ON ARCHITECTURAL OR STRUCTURAL DRAWINGS, AND NOT TO EXCEED 30 FEET O.C. PROVIDE MATCHING CONTROL JOINTS IN FINISH MATERIALS (i.e. BRICK, STUCCO, etc.). VERTICAL CELLS ON EACH SIDE OF CONTROL JOINTS SHALL BE REINFORCED AND GROUTED TO MATCH THE TYPICAL WALL REINFORCEMENT.
14. AT WALL CONTROL JOINTS, CONTINUE BOND BEAM REINFORCEMENT THROUGH JOINT AND DISCONTINUE ALL OTHER HORIZONTAL WALL REINFORCING AT JOINT.
15. ALL UNITS SHALL BE LAID WITH FULL MORTAR BEDS ON THE FACE SHELLS. ALL HEAD JOINTS SHALL BE FILLED SOLIDLY WITH MORTAR FOR A DISTANCE IN FROM THE FACE OF THE UNIT NOT LESS THAN THE THICKNESS OF THE LONGITUDINAL FACE SHELLS. UNLESS THE WALL IS TO BE POURED SOLID, END WALLS AND CROSS WEBS FORMING CELLS TO BE FILLED SHALL BE FULLBEDDED IN MORTAR TO PREVENT LEAKAGE OF GROUT.
16. ALL DOWELS, ANCHOR BOLTS, AND HEADED STUDS SHALL BE SET IN SOLID GROUTED CELLS.
17. GROUT ALL CELLS SOLID BELOW GRADE.

SUBGRADE PREPARATION

1. ALL SUBGRADE SHALL BE PREPARED IN STRICT CONFORMANCE TO THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. REFER TO THE GEOTECHNICAL REPORT, SUPPLEMENTARY LETTERS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

   THE SUBGRADE SHALL BE IMPROVED TO REDUCE THE POTENTIAL FOR SUBGRADE MOVEMENT TO LESS THAN OF ONE INCH TOTAL SETTLEMENT & 1/2 INCH OF DIFFERENTIAL SETTLEMENT BY RE-COMPACTING IN-SITU SOIL AS APPROVED BY GEOTECH ENGINEER.

   THE FOLLOWING IS A SUMMARY OF THE INFORMATION CONTAINED IN THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS:

   A. THE BUILDING EXCAVATION AREA SHALL EXTEND BEYOND THE BUILDING LINE A MINIMUM OF 5 FEET IN GENERAL, AT ALL ENTRANCES AND AT AREAS WITH SIDEWALKS/PAVING DIRECTLY ADJACENT TO THE BUILDING.
   B. WITHIN THE BUILDING AREA, EXCAVATE AND REMOVE ALL FILL MATERIAL, REFER TO THE GEOTECHNICAL REPORT FOR APPROXIMATE DEPTHS OF FILL. THE TESTING LAB SHALL DETERMINE THROUGH FIELD OBSERVATION AND TESTING THAT ALL UNACCEPTABLE FILLS HAVE BEEN REMOVED.
   C. WITHIN THE BUILDING AREA, RE-COMPACT NATIVE SOIL OR IMPORTED FILL AS REQUIRED TO PROVIDE A COMPACTED MATERIAL BENEATH BUILDING AREA. FOOTING THAT HAVE A WIDTH GREATER THAN 3FT IN WIDTH WILL REQUIRE ADDITIONAL 2FT OF SOIL COMPACTION BENEATH FOOTING.
   D. SCARIFY EXPOSED NATIVE SOILS TO A DEPTH OF 12 INCHES FOR FOOTING LESS THAN 3FT IN WIDTH AND RECOMPACT TO A MINIMUM OF 95% OF MODIFIED PROCTOR (ASTM D1557) AT A MINIMUM OF +2 PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT FOR THE SOIL AS DIRECTED IN THE GEOTECHNICAL REPORT.
   K. SELECT FILL SHALL CONSIST OF A SLIGHTLY SILTY SAND OR SILTY/CLAYEY SAND. ALL SELECT FILL SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER.
   L. SPREAD THE SELECT FILL IN THIN LOOSE LIFTS NOT EXCEEDING 10 TO 12 INCHES THICK FOR SLIGHTLY SILTY SAND OR LIFTS NOT EXCEEDING 6 TO 8 INCHES THICK FOR SILTY/CLAYEY SAND AND UNIFORMLY COMPACT TO A MINIMUM OF 95% OF ASTM D1557 WITHIN +2 OR –2 PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT FOR THE SOIL AS RECOMMENDED IN THE GEOTECHNICAL REPORT.
   M. PLACE FIRST LIFT OF SELECT FILL WET OF OPTIMUM TO PREVENT DRYING OF THE UNDERLYING SUBGRADE.
   N. PROTECT FILL TO PREVENT DESICCATION PRIOR TO PLACING A SUBSEQUENT LIFT.
2. CONTACT THE GEOTECHNICAL ENGINEER FOR ANY QUESTIONS REGARDING INTERPRETATION OR CLARIFICATION OF THE ABOVE INFORMATION.
3. FOUNDATION AND SUBGRADE PREPARATION SHALL BE MONITORED AND TESTED BY THE SOILS ENGINEER. REFER TO SPECIFICATIONS FOR QUALITY CONTROL REQUIREMENTS.

CONCRETE NOTES

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH ACI 318- PER GOVERNING BUILDING CODE.
2. CONCRETE IN THE FOLLOWING AREAS SHALL HAVE SAND AND GRAVEL OR CRUSHED STONE AGGREGATES AND THE DESIGNATED COMPRESSIVE STRENGTH IN 28 DAYS UNLESS NOTED OTHERWISE. NORMAL WEIGHT AGGREGATES SHALL CONFORM TO ASTM C33.

   FOUNDATION AND SLABS ON GRADE ---------- f'_c = 4,000 psi
   SLAB-ON-METAL DECK ---------- f'_c= 4,000 psi
   ALL OTHER CONCRETE ---------- f'_c = 4,000 psi
3. CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE AS FOLLOWS: REFER TO ACI 318 - SECTION 7.7 FOR CONDITIONS NOT NOTED.

   FOOTINGS ---------- 3"
   SLABS-ON-GRADE ---------- CENTERED
   SLABS-ON-METAL DECK ---------- 1" TOP
4. MAXIMUM NOMINAL COARSE AGGREGATE SIZE SHALL BE 1 1/2" MAX FOR PIERS AND 1" MAX TYPICAL UNLESS NOTED OTHERWISE.
5. CONCRETE SLUMPS SHALL BE AS FOLLOWS:

   SLAB ON METAL DECK---------- 4" MAX, 2" MIN
   CONCRETE CONTAINING HRWR---- 10" MAX
   ALL OTHER CONCRETE ---------- 5" MAX, 2" MIN
6. CONCRETE EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED AS FOLLOWS:

   3/4" NOMINAL AGGREGATE SIZE 4% TO 8%
   1" NOMINAL AGGREGATE SIZE 3.5% TO 6.5%
   1 1/2" NOMINAL AGGREGATE SIZE 3% TO 6%
7. ALL FOUNDATIONS, AND PILASTER CAPS SHALL BE FORMED ON SIDES. ALL ELEMENTS OF THE FORMS, FORMWORK, BRACING AND SHORING SHALL CONSIST OF WOOD, METAL OR OTHER MANUFACTURED PRODUCTS AS SPECIFIED. EARTH MAY NOT BE USED AS A FORM, EITHER DIRECTLY OR INDIRECTLY. NEITHER EARTH TRENCHES NOR EARTH TRENCHES WITH PLASTIC MATERIAL ARE ACCEPTABLE.
8. THERE SHALL BE NO HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE POURS. ALL CONSTRUCTION JOINTS SHALL BE MADE IN THE CENTER OF SPANS WITH VERTICAL BULK HEADS. THE LOCATION OF CONSTRUCTION JOINTS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER.
9. ALL CONSTRUCTION JOINTS SHOWN ON THE DRAWINGS SHALL BE INCORPORATED IN THE STRUCTURE UNLESS OTHERWISE APPROVED BY THE ENGINEER OF RECORD. ADDITIONAL CONSTRUCTION JOINTS REQUIRED TO FACILITATE CONSTRUCTION SHALL BE LOCATED AND DETAILED ON SHOP DRAWINGS. WHEN CONSTRUCTION JOINTS OTHER THAN THOSE SHOWN ON THE CONSTRUCTION DOCUMENTS ARE REQUIRED, THE REINFORCEMENT SHALL PASS CONTINUOUSLY THROUGH JOINT AND A KEY SHALL BE PROVIDED FOR ADEQUATE SHEAR TRANSFER.
10. UNLESS OTHERWISE NOTED OR DETAILED, PROVIDE (2)#5, (1) EACH FACE AROUND UNFRAMED OPENINGS IN CONCRETE WALLS AND GRADE BEAMS. PLACE BARS PARALLEL TO SIDES OF OPENINGS AND EXTEND 24 INCHES BEYOND CORNERS.
11. PROVIDE EQUIPMENT BASES AND SUPPORTS AS REQUIRED, COMPLYING WITH APPROVED MANUFACTURERS CERTIFIED SHOP DRAWINGS AND DETAILS.
12. SIZE AND LOCATION OF BASES AND EMBEDDED ANCHORS FOR EQUIPMENT SHALL BE COORDINATED WITH EQUIPMENT SUPPLIER AND ALL BE IN ACCORDANCE WITH APPROVED SHOP DRAWINGS.
13. NO ALUMINUM OF ANY TYPE SHALL BE ALLOWED IN THE CONCRETE WORK, UNLESS COATED AND APPROVED BY THE ENGINEER OR RECORD.
14. NO ELECTRICAL CONDUIT SHALL BE PLACE ABOVE THE WELDED WIRE FABRIC IN THE SLAB-ON-GRADE OR CONCRETE PLACED ON COMPOSITE METAL DECK. MAXIMUM SIZE OF CONDUIT SHALL BE 1/3 THE SLAB THICKNESS (ABOVE DECK ON COMPOSITE SLAB) INCLUDING CROSSOVERS. CONDUIT SHALL NOT BE PLACED CLOSER THAN 3 DIAMETERS ON CENTER.

STRUCTURAL STEEL NOTES

1. STRUCTURAL STEEL SHALL CONFORM TO AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS," ANSI/AISC 360, LATEST EDITION.
2. BOLTS AND BOLTED CONNECTIONS SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS," APPROVED BY THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS, LATEST EDITION. CONNECTIONS SHALL BE BEARING TYPE UNLESS NOTED OTHERWISE IN DRAWINGS.
3. ALL W SHAPES SHALL CONFORM TO ASTM A992.

   ALL OTHER STRUCTURAL STEEL SHAPES, PLATES, ETC., SHALL CONFORM TO ASTM A36, UNLESS NOTED OTHERWISE.
4. ALL STRUCTURAL STEEL TUBE MEMBERS SHALL CONFORM TO ASTM A500, GRADE C.
5. ALL STRUCTURAL STEEL PIPE SHALL CONFORM TO ASTM A53, GRADE B.
6. ALL STRUCTURAL ROUND SHAPES SHALL CONFORM TO ASTM A53, GRADE B.
7. GALVANIZING OF STEEL MEMBERS SHALL CONFORM TO ASTM A123/A123M. ALL STEEL FRAMING THAT COMES IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE COATED TO A G90 THICKNESS AND ALL BOLTS, HEADED STUDS AND CONNECTORS SHALL BE COATED TO A G185 THICKNESS. ALL EXPOSED STRUCTURAL STEEL FRAMING AND ACCESSORIES FOR MECHANICAL EQUIPMENT SUPPORTS SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION. CONTRACTOR TO PROVIDE BOLTS AND PUNCH BEAMS AS REQUIRED BY EQUIPMENT MANUFACTURER'S DETAILS.
8. ALL STRUCTURAL STEEL DETAILS AND CONNECTIONS SHALL CONFORM TO THE STANDARDS OF THE AISC.
9. STEEL MEMBERS SHALL NOT BE SPLICED EXCEPT WHERE SHOWN ON THE DRAWINGS.
10. ALL STEEL BEAMS SHALL BE ERECTED WITH NATURAL CAMBER UP.
11. WELDED CONSTRUCTION SHALL CONFORM TO THE AMERICAN WELDING SOCIETY "STRUCTURAL WELDING CODE", D1.1. ELECTRODES FOR FIELD AND SHOP WELDS SHALL BE E70XX, UNLESS NOTED OTHERWISE.
12. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS.
13. FULL AND PARTIAL PENETRATION WELDS PERFORMED IN THE FIELD SHALL BE ULTRASONICALLY TESTED.
14. WHEN WELDS ARE NOT CALLED-OUT ON DRAWINGS, THEY ARE MINIMUM SIZE CONTINUOUS FILLET WELDS IN ACCORDANCE WITH AWS D1.1.
15. THE STEEL FABRICATOR IS RESPONSIBLE FOR COORDINATION WITH THE MANUFACTURER OF STEEL JOISTS AND JOIST GIRDERS.
16. TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSEWORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED, FURNISHED, AND INSTALLED BY THE ERECTOR. THESE TEMPORARY SUPPORTS SHALL BE CAPABLE OF SECURING THE STEEL FRAMING, OR ANY PARTLY ASSEMBLED STEEL FRAMING, AGAINST LOADS COMPARABLE IN INTENSITY TO THOSE FOR WHICH THE STRUCTURE WAS DESIGNED, RESULTING FROM WIND, SEISMIC FORCES AND ERECTION OPERATIONS.
17. THE LIFTING AND ERECTION OF PRE-ASSEMBLED ELEMENTS SUCH AS TRUSSES OR PRE-FABRICATED FRAMING ARE CONSIDERED SPECIAL ERECTION CONDITIONS. THE SELECTION OF LIFT POINTS AND ERECTION TECHNIQUES ARE THE RESPONSIBILITY OF THE CONTRACTOR. LOCATE AND PROVIDE SUFFICIENT LIFT POINTS TO PREVENT OVERSTRESS AND/OR DISTORTION OF ANY COMPONENTS WITHIN THE ASSEMBLY. PROVIDE TEMPORARY STRONG-BACKS, STIFFENERS AND/OR LIFTING DEVICES AS REQUIRED.
18. ALL GROUT BELOW ALL COLUMN BASE PLATES AND BEARING PLATES SHALL BE NON-SHRINK, NON-METALLIC GROUT UNLESS NOTED OTHERWISE.

DEFERRED SUBMITTALS NOTES

1. DEFERRED SUBMITTALS ARE PORTIONS OF THE OVERALL DESIGN WHICH ARE NOT SUBMITTED AT TIME OF PERMIT APPLICATION AND ARE TO BE SUBMITTED TO THE BUILDING OFFICIAL.
2. DEFERRED SUBMITTALS WILL BE REVIEWED FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. SUBMITTAL REVIEW WILL NOT BE CONDUCTED FOR THE PURPOSE OF DETERMINING THE ACCURACY AND COMPLETENESS OF OTHER DETAILED INFORMATION SUCH AS DIMENSIONS AND QUANTITIES, OR FOR SUBSTANTIATING INSTRUCTIONS FOR INSTALLATION OR SYSTEMS DESIGNED BY THE CONTRACTOR WHICH REMAINS THE RESPONSIBILITY OF THE CONTRACTOR.

   REVIEW SHALL NOT CONSTITUTE APPROVAL OF SAFETY PRECAUTIONS OR OF ANY CONSTRUCTION MEANS, METHODS, SEQUENCES OR PROCEDURES.

   APPROVAL OF A SPECIFIC ITEM SHALL NOT INDICATE APPROVAL OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT.
3. FOLLOWING DEFERRED SUBMITTALS ARE TO BE PROVIDED FOR REVIEW:
   A. CONCRETE FORMWORK / RETENTION SYSTEMS
   B. PRE-ENGINEERED METAL BUILDING COMPONENTS
   C. STEEL BEAM AND VERTICAL BRACING CONNECTIONS
   D. STEEL FRAMING CONNECTION CALCULATIONS
   E. STEEL STAIRS
   F. COLD-FORMED METAL FRAMING

   SUPPLIER'S ENGINEERS SHALL PROVIDE SIGNED AND SEALED CALCULATIONS WITH THE SUBMITTAL FOR REVIEW.

   REVIEW WILL BE LIMITED TO CONFORMANCE WITH DESIGN AND PERFORMANCE CRITERIA SPECIFIED IN THE CONSTRUCTION DOCUMENTS AND THE INTERFACE BETWEEN THESE ITEMS/SYSTEMS AND THE BUILDING STRUCTURE. THE MANUFACTURERS/SUPPLIER AND ITS SPECIALTY STRUCTURAL ENGINEER REMAIN RESPONSIBLE FOR THE DESIGN OF THE ITEM/SYSTEM WILL RETAIN ALL RIGHTS AND RESPONSIBILITIES FOR THE DESIGN OF THE PRODUCT AND THE CONNECTIONS TO THE BUILDING STRUCTURE.

   NO WORK ON STRUCTURAL ELEMENTS SUPPORTING OR RELATED TO THESE ITEMS IS TO PROCEED UNLESS THE REVIEW STAMP CLEARLY INDICATES "REVIEWED" OR "REVIEWED, SEE COMMENTS" BY THE ENGINEER.
4. FOLLOWING SHOP DRAWINGS ARE TO BE PROVIDED FOR APPROVAL:
   A. CONCRETE MIXES
   B. REINFORCING STEEL
   C. STRUCTURAL STEEL
   D. METAL DECKING
   E. MASONRY WALL REINFORCING

   SHOP DRAWINGS ARE TO BE DISTRIBUTED ONLY FROM RETURNED SUBMITTALS BEARING AN INITIALED REVIEW STAMP AND WORK ON THESE ITEMS SHALL NOT PROCEED UNLESS THE STAMP CLEARLY INDICATES THE DRAWINGS ARE "APPROVED" OR "APPROVED AS NOTED."
5. CONCRETE IS A MATERIAL DESIGNED BY THE SUPPLIER TO MEET THE STRENGTH AND PERFORMANCE CRITERIA SPECIFIED IN THE CONTRACT DOCUMENTS. CONCRETE MIX DESIGNS SHALL BE IN CONFORMANCE WITH ACI 318. SUBMIT MIX DESIGNS AND THE TESTING LAB REVIEW TO THE ARCHITECT/ENGINEER FOR REVIEW.

   MANY VARIABLES, INCLUDING ENVIRONMENTAL CONDITIONS AFFECT THE QUALITY OF CONCRETE. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING VARIABLES AND REQUESTING MIX MODIFICATIONS AND SHALL BE SOLELY RESPONSIBLE FOR THE QUALITY OF CONCRETE DELIVERED AND PLACED ON THE SITE.
6. BEFORE SUBMISSION FOR REVIEW, GENERAL CONTRACTOR SHALL PRE-CHECK SUBMITTALS. SUBMITTALS MUST BEAR AN INITIALED REVIEW STAMP OF THE GENERAL CONTRACTOR. SUBMITTALS WITHOUT REVIEW STAMPS WILL BE RETURNED WITHOUT REVIEW AND SHALL NOT BE CAUSE FOR CLAIMS OF DELAY.
7. SCHEDULE SUBMITTALS SUFFICIENTLY IN ADVANCE OF THE DATE REQUIRED TO ALLOW REASONABLE TIME FOR PROCESSING AND REVIEW BY THE DESIGN TEAM. THIS SHALL INCLUDE A MINIMUM OF TEN WORKING DAYS FOR ENGINEER'S PROCESSING AND REVIEW. INCLUDE TIME FOR CONTRACTOR'S RESUBMISSION AND SUBSEQUENT REVIEW IF NECESSARY.

   SHORTER REVIEW PERIODS WILL ONLY BE HONORED WITH PRIOR WRITTEN CONSENT. THESE ACCELERATED SERVICES, AND APPROPRIATE COMPENSATION, MUST BE NEGOTIATED WITH THE ENGINEER AND ARCHITECT IN ADVANCE.

   TEN DAY REVIEW PERIODS CAN NOT BE HONORED WHEN LARGE QUANTITIES OF SHOP DRAWINGS ARE SUBMITTED AT ONE TIME. WHEN THIS HAPPENS, THE CONTRACTOR SHALL SUBMIT AN ITEMIZED LIST INDICATING PRIORITIES AND REASONABLE RETURN DATES.

   REVIEW OF RESUBMITTALS WILL BE LIMITED TO ONLY EARLIER COMMENTS AND IS NOT AN EXTENSIVE REVIEW.
8. USE OF REPRODUCTIONS OF THESE CONTRACT DRAWINGS, INCLUDING THE USE OF ELECTRONIC FILES, BY ANY CONTRACTOR IN LIEU OF THE INDEPENDENT PREPARATION OF SHOP DRAWINGS, SIGNIFIES THEIR ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT AND OBLIGATES HIMSELF TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR HEREON.
9. STRUCTURAL FRAMING WAS BASED ON PRE-BID MEP EQUIPMENT AND INITIAL ELEVATOR INFORMATION. MODIFICATIONS MAY BE NECESSARY IF DIFFERENT EQUIPMENT IS SELECTED OR IF DIFFERENT CRITERIA ARE REQUIRED. BASED ON THE EXTENT OF THE CHANGES, ADDITIONAL SERVICES FOR STRUCTURAL REDESIGN MAY BE REQUIRED. GENERAL CONTRACTOR SHALL INCLUDE A CONTINGENCY FOR THIS REVISED DESIGN AND CONSTRUCTION WORK. COSTS OF THE DESIGN AND CONSTRUCTION REVISIONS SHALL BE BORNE BY THE CONTRACTOR.

   GENERAL CONTRACTOR TO SUBMIT FINAL WEIGHTS AND CUT-SHEETS FOR REVIEW AND APPROVAL IF EQUIPMENT DIFFERS FROM WHAT IS SHOWN ON THE CONSTRUCTION DOCUMENTS.

GEOTECHNICAL INFORMATION

1. FOUNDATION DESIGN AND SUBSURFACE INFORMATION IS BASED ON GEOTECHNICAL REPORT #26-162 PREPARED FOR THIS PROJECT BY LARRY M JACOBS & ASSOCIATES, INC AND DATED MAY 1, 2026 & EMAIL RESPONSE DATED SEPTEMBER 1, 2026.
2. GEOTECHNICAL ENGINEER OF RECORD (GER) IS SOLELY RESPONSIBLE FOR ESTABLISHING FOUNDATION, SLAB-ON-GRADE AND PAVEMENT DESIGN CRITERIA, AND FOR THE CONSTRUCTION RECOMMENDATIONS FOR EXCAVATION, SUBGRADE PREPARATION, BACKFILLING AND COMPACTION.
3. GEOTECHNICAL INFORMATION INDICATED IN THE STRUCTURAL CONSTRUCTION DOCUMENTS IS INTENDED TO REPLICATE THE RECOMMENDATIONS STATED IN THE GEOTECHNICAL ENGINEERING REPORT. PRESENTATION OF THIS INFORMATION IN THE STRUCTURAL DOCUMENTS DOES NOT DEMONSTRATE, STATE OR IMPLY GEOTECHNICAL EXPERTISE BY THE STRUCTURAL ENGINEER. CONTRACTOR SHALL OBTAIN A COPY OF THE REPORT AND COMPLY WITH THE RECOMMENDATIONS INDICATED THEREIN.
4. IF DISCREPANCIES BETWEEN THE REPORT AND CONSTRUCTION DOCUMENTS ARE DISCOVERED, THE REPORT SHALL GOVERN. ALL CLARIFICATIONS AND INTERPRETATIONS OF THE REPORT SHALL BE MADE BY THE GER AND REPORTED TO THE ARCHITECT FOR COORDINATION WITH THE DESIGN TEAM.

SHALLOW FOUNDATION NOTES

1. BEARING STRATA SHOWN ON THE DETAILS IS COMPACTED NATIVE SOILS. PREPARE FOUNDATION BEARING MATERIAL PER THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
2. FOUNDATION ALLOWABLE DESIGN SOIL VALUES:

   CONTINUOUS FOOTING BEARING - 1.5ksf *
   ISOLATED FOOTING BEARING - 1.5ksf *
   SOIL SLIDING RESISTANCE (NATIVE SOIL) 0.5

   * IF CONTINUOUS FOOTING OR ISOLATED FOOTING WIDTH EXCESS 3FT IN DIMENSION, THE SOIL BENEATH FOOTING SHALL HAVE ADDITIONAL 2FT OF SOIL COMPACTION PER GEOTECHNICAL REPORT.

   RETAINING WALL DESIGN VALUES
   SOIL DENSITY Yd- 95PCF (VERY LOOSE SLIGHTLY SILTY SAND)
   AT REST Ka- 0.4XYd
   PASSIVE PRESSURE Kp- 2.5XYd
3. ALL FOOTING EXCAVATIONS SHALL BE CLEANED TO REMOVE ALL LOOSE SOIL MATERIAL AND OTHER DEBRIS AND SHOULD NOT BE ALLOWED TO DESICCATE PRIOR TO PLACEMENT OF CONCRETE.
4. CONCRETE FOR FOUNDATIONS SHALL BE FORMED ON THE SIDES (EARTH FORMED FOUNDATIONS WILL NOT BE ALLOWED). PROPERLY PLACE AND COMPACT FILL MATERIAL AROUND SIDES OF FOOTINGS.
5. ALL FOUNDATION EXCAVATIONS SHALL BE INSPECTED BY THE TESTING AGENCY.

REINFORCING STEEL NOTES

1. ALL REINFORCING STEEL SHALL BE NEW DEFORMED BILLET STEEL CONFORMING TO ASTM A615, GRADE 60.
2. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM 185.
3. DETAILING OF REINFORCEMENT SHALL BE IN ACCORDANCE WITH THE ACI DETAILING MANUAL.
4. REINFORCING BARS MAY BE SPLICED ONLY AS SHOWN ON THE DRAWINGS EXCEPT THAT REINFORCING DESIGNATED AS "CONTINUOUS" MAY BE CONTACT LAP SPLICED WITH TENSION LAP PER ACI 318 CHAPTER 25.
5. FOR CONTINUOUS GRADE BEAM REINFORCING, PER GRADE BEAM REINFORCEMENT LAP SPLICES SCHEDULED ON S301.
6. PROVIDE CORNERS BARS OF SAME SIZE AND QUANTITY AS CONTINUOUS TOP AND BOTTOM REINFORCING OF GRADE BEAMS AT ALL GRADE BEAM CORNERS AND INTERSECTIONS.

TRENCH SAFETY

1. THE CONTRACTOR SHALL PROVIDE TRENCH SAFETY DESIGN DOCUMENTS PREPARED AND SEALED BY A QUALIFIED REGISTERED PROFESSIONAL ENGINEER AS REQUIRED BY ALL LOCAL AND STATE LAWS. SAID ENGINEER SHALL ALSO BE RESPONSIBLE FOR ON SITE OBSERVATIONS. THE TRENCH SAFETY DESIGN DOCUMENTS SHALL BE FILED WITH THE APPROPRIATE GOVERNMENT AGENCY. THE CONTRACTOR SHALL FURNISH A SEPARATE AND DISTINCT PRICE FOR TRENCH SAFETY SYSTEM THAT MEETS OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION STANDARDS.

SLAB-ON-GRADE NOTES

1. FLOOR SLAB SHALL BE 8" THICK CONCRETE SLAB OVER A 15 MIL VAPOR RETARDER, OVER SUBGRADE PREPARED PER THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. TAPE ALL SEAMS, PENETRATIONS AND TEARS IN THE VAPOR RETARDER WITH A COMPATIBLE WATERPROOF TAPE.
2. REINFORCE SLAB WITH #4 @ 12" CTRS. EACH WAY PLACED AND SUPPORTED ON CHAIRS OR CONCRETE BRIQUETS, AT SLAB MID DEPTH.
3. PROVIDE ONE OF THE FOLLOWING JOINTS ON THE CENTERLINE OF ALL COLUMNS, AND @ 15' O.C. MAXIMUM.
   A. CONSTRUCTION JOINTS WHERE DETAILED ON DRAWINGS.
   B. SAW CUT CONTROL JOINTS ELSEWHERE 1 1/4" DEEP OR ONE QUARTER OF THE SLAB DEPTH DEEP, WHICHEVER IS GREATER.
4. A METAL CONTROL JOINT FORM MAY BE USED IN LIEU OF EITHER OF THE ABOVE.
5. CUT SAW CUT JOINTS WITHIN 8 HOURS OF POURING CONCRETE.
6. CONCRETE FINISHES AND SPRAY ON CURRING / SEALING COMPOUNDS SHALL BE COORDINATED WITH ARCHITECTURAL FLOORING FINISHES FOR COMPATIBILITY.

DESIGN DATA

1. THE DESIGN OF THE STRUCTURE AND PARTS THEREOF IS IN ACCORDANCE WITH THE 8TH EDITION OF FLORIDA BUILDING CODE, AS AMENDED AND ADOPTED BY ESCAMBIA COUNTY.

2. FLOOR LIVE LOADS.

AREA	UNIFORM	CONCENTRATED	IMPACT	LIVE LOAD REDUCTION
OFFICES	50 psf	2.0 kips	-	YES, PER FBC 1607.13.1
OFFICE CORRIDORS 1ST FLOOR	100 psf	2.0 kips	-	YES, PER FBC 1607.13.1
OFFICE CORRIDORS OTHER FLOORS	80 psf	2.0 kips	-	YES, PER FBC 1607.13.1
STORAGE HEAVY	250 psf	- kips	-	
STORAGE LIGHT	125 psf	- kips	-	YES, PER FBC 1607.13.1.2
				YES, PER FBC 1607.13.1.2

3. ROOF LIVE LOADS:

AREA	UNIFORM	SPECIAL COMMENTS	LIVE LOAD REDUCTION
ROOF, GENERAL	20 psf	-	YES, PER FBC 1607.14
ROOF, EQUIP LOADS		SEE ROOF PLAN	

4. SNOW LOADS: NOT APPLICABLE PER FBC

5. WIND DESIGN DATA:

BASIC WIND SPEED (3 SECOND GUST)	156 mph
TORNADO SPEED, V_t	N/A
ASD WIND SPEED V_{asd}	121 mph
EFFECTIVE PLAN AREA	N/A
RISK CATEGORY	II
WIND EXPOSURE	C
INTERNAL PRESSURE COEFFICIENT	+/- 0.55
COMPONENTS AND CLADDING	PER ASCE 7-22

FACTORED COMPONENTS AND CLADDING WALL LOADS			
	POSITIVE PRESSURE (psf)	NEGATIVE PRESSURE (psf)	
AREA (SQ FT)	INTERIOR & CORNER ZONE	INTERIOR ZONE	CORNER ZONE
LESS THAN 10	72	-77	-90
50	67	-71	-79
200	62	-67	-70
GREATER THAN 500	59	-63	-63

CORNER ZONE IS A DISTANCE OF 10'-0" FROM WALL CORNERS
LINEAR INTERPOLATE FOR LOADS BETWEEN SPECIFIED AREAS

FACTORED COMPONENTS AND CLADDING ROOF LOADS					
	POSITIVE PRESSURE (psf)	NEGATIVE PRESSURE (psf)			
AREA (SQ FT)	ALL ZONES (1', 1, 2 & 3)	ZONE 1'	ZONE 1	ZONE 2	ZONE 3
LESS THAN 10	42	-72	-112	-142	-187
100	37	-72	-92	-116	-134
200	37	-65	-86	-108	-118
GREATER THAN 500	37	-47	-77	-97	-97

INTERIOR ZONE, "A" IS A DISTANCE OF 30'-0" FROM WALL COR

POST-INSTALLED ANCHOR NOTES

1. POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER-OF-RECORD PRIOR TO INSTALLING POST-INSTALLED ANCHORS IN PLACE OF MISSING OR MISPLACED CAST-IN-PLACE ANCHORS. CARE SHALL BE TAKEN IN PLACING POST-INSTALLED ANCHORS TO AVOID CONFLICTS WITH EXISTING REINFORCING OR POST-TENSIONING.

2. SUBSTITUTION REQUESTS, FOR PRODUCTS OTHER THAN THOSE SPECIFIED BELOW, SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER-OF-RECORD ALONG WITH CALCULATIONS THAT ARE PREPARED & SEALED BY A REGISTERED PROFESSIONAL ENGINEER. THE CALCULATIONS SHALL DEMONSTRATE THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING EQUIVALENT PERFORMANCE VALUES (MINIMUM) OF THE SPECIFIED PRODUCT USING THE APPROPRIATE DESIGN PROCEDURE AND/OR STANDARD(S) AS REQUIRED BY THE BUILDING CODE.

3. POST-INSTALLED ANCHORS INCLUDE EXPANSION ANCHORS, UNDERCUT ANCHORS AND ADHESIVE ANCHORS. ADHESIVE ANCHORS SHALL CONSIST OF A STRUCTURAL ADHESIVE AND STEEL INSERT. STEEL INSERTS SHALL BE EITHER ASTM F1554, GRADE 36 THREADED ROD OR ASTM A615, GRADE 60 REINFORCING STEEL UNLESS NOTED OTHERWISE ON THE DRAWINGS. PROVIDE, STORE AND INSTALL PRODUCTS IN STRICT CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

4. EXPANSION ANCHORS FOR USE IN CRACKED AND UNCRACKED CONCRETE SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.2 AND ICC-ES AC193. EXPANSION ANCHORS SHALL BE EITHER HILTI KWIK BOLT TZ ANCHORS OR SIMPSON STRONG-TIE STRONG-BOLT 2 ANCHORS, UNLESS NOTED OTHERWISE ON DRAWINGS. EXPANSION ANCHORS SHALL BE 3/4" DIAMETER WITH A 3/4" EMBEDMENT UNLESS NOTED OTHERWISE ON THE DRAWINGS.

5. EXPANSION ANCHORS FOR USE IN SOLID-GROUTED CONCRETE MASONRY SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC01. EXPANSION ANCHORS IN CMU SHALL BE EITHER HILTI KWIK BOLT 3 ANCHORS OR SIMPSON STRONG-TIE WEDGE-ALL ANCHORS.

6. UNDERCUT ANCHORS FOR USE IN CRACKED AND UNCRACKED CONCRETE SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.2 AND ICC-ES AC193. UNDERCUT ANCHORS SHALL BE EITHER HILTI HDA ANCHORS OR SIMPSON STRONG-TIE TORQ-CUT ANCHORS, UNLESS NOTED OTHERWISE ON DRAWINGS.

7. STRUCTURAL ADHESIVES FOR USE IN CRACKED AND UNCRACKED CONCRETE SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308. STRUCTURAL ADHESIVES SHALL BE HILTI HIT-RE 500-SD EPOXY, HILTI HIT-HY 200-A ADHESIVE, SIMPSON STRONG-TIE SET-XP ADHESIVE OR SIMPSON STRONG-TIE AT-XP ADHESIVE UNLESS NOTED OTHERWISE ON THE DRAWINGS. REFER TO DRAWINGS FOR SIZE AND EMBEDMENT REQUIREMENTS. ALL THREADED RODS USED IN EXTERIOR EXPOSURES SHALL BE GALVANIZED.

8. THE FOLLOWING PARAMETERS HAVE BEEN USED IN THE DESIGN OF ALL ADHESIVE ANCHORS UNLESS NOTED OTHERWISE ON THE DRAWINGS:

   A. MINIMUM AGE OF CONCRETE – 28 DAYS
   B. CONCRETE TEMPERATURE RANGE FOR ANCHORS NOT EXPOSED TO THE ENVIRONMENT – MAXIMUM SHORT TERM TEMPERATURE OF 104°F; MAXIMUM LONG TERM TEMPERATURE OF 75°F.
   C. CONCRETE TEMPERATURE RANGE FOR ANCHORS EXPOSED TO THE ENVIRONMENT – MAXIMUM SHORT TERM TEMPERATURE OF 160°F; MAXIMUM LONG TERM TEMPERATURE OF 110°F.
   D. MOISTURE CONDITION OF CONCRETE AT THE TIME OF INSTALLATION – DRY CONCRETE
   E. HOLE DRILLING AND PREPARATION – PER THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS

9. STRUCTURAL ADHESIVES FOR USE IN SOLID-GROUTED CONCRETE MASONRY SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC58. STRUCTURAL ADHESIVES SHALL BE HILTI HIT-HY 70 ADHESIVE, SIMPSON STRONG-TIE SET ADHESIVE, OR SIMPSON STRONG-TIE AT ADHESIVE UNLESS NOTED OTHERWISE ON THE DRAWINGS. REFER TO DRAWINGS FOR SIZE AND EMBEDMENT REQUIREMENTS. ALL THREADED RODS USED IN EXTERIOR EXPOSURES SHALL BE GALVANIZED.

10. ANCHOR CAPACITY IS DEPENDANT UPON THE SPACING BETWEEN ADJACENT ANCHORS AND THE PROXIMITY OF ANCHORS TO THE EDGE OF CONCRETE. INSTALL ANCHORS IN ACCORDANCE WITH THE SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS.

11. PRIOR TO PLACEMENT, THE CONTRACTOR SHALL HAVE THE MANUFACTURER'S TECHNICAL REPRESENTATIVE VISIT THE SITE TO INSTRUCT THE CONSTRUCTION TEAM AND TESTING LAB ON PROPER STORAGE AND INSTALLATION TECHNIQUES. THE CONTRACTOR SHALL PROVIDE A LETTER FROM THE MANUFACTURER'S REPRESENTATIVE STATING THAT SUCH A VISIT WAS CONDUCTED.

12. ALL EXPANSION ANCHORS SHALL BE INSPECTED BY AN INDEPENDENT TESTING LAB FOR THE FOLLOWING:

   A. CORRECT LOCATION AND POSITION OF HOLE.
   B. CORRECT HOLE DIAMETER
   C. CORRECT EMBEDMENT DEPTH.
   D. CORRECT BOLT TYPE AND FINISH.
   E. CONDITION OF HOLE IN CONNECTION MATERIAL (NO BURNING OF HOLES ALLOWED).
   F. SNUG TIGHT FIT.

13. ADHESIVE ANCHORS SHALL BE INSPECTED AND TESTED BY AN INDEPENDENT TESTING LAB AS FOLLOWS:

    ALL ANCHORS SHALL BE INSPECTED FOR THE FOLLOWING:

   A. CORRECT LOCATION AND POSITION OF HOLE.
   B. CORRECT THREADED ROD OR REINFORCING BAR SIZE.
   C. CORRECT THREADED ROD OR REINFORCING BAR TYPE AND FINISH.
   D. CONDITION OF HOLE IN CONNECTION MATERIAL (NO BURNING OF HOLES ALLOWED).
   E. SNUG TIGHT FIT.
   F. CORRECT EMBEDMENT DEPTH.
   G. HOLE PREPARATION (INCLUDING DRILL BIT TYPE WHERE CRITICAL TO MANUFACTURER) AND CLEANOUT PER MANUFACTURER'S RECOMMENDATIONS.
   H. ADHESIVE TYPE, EXPIRATION DATE AND METHOD OF STORAGE.
   I. ADHESIVE AND ANCHOR INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS.
   J. OF EACH TYPE AND SIZE OF ANCHOR SHALL BE PROOF LOADED PER THE MANUFACTURER'S RECOMMENDATIONS. IF 10% OF THE TESTED ANCHORS FAIL TO ACHIEVE THE SPECIFIED PROOF LOAD, ALL ANCHORS OF THE SAME DIAMETER AND TYPE SHALL BE TESTED.

14. THE TESTING LAB SHALL PREPARE AN INSPECTION REPORT SPECIFICALLY INDICATING DEGREE OF CONFORMANCE IN ALL CATEGORIES LISTED ABOVE.

COMPOSITE FLOOR DECK NOTES

1. COMPOSITE FLOOR CONSTRUCTION SHALL BE 5.25" OF NORMAL WEIGHT CONCRETE OVER 1.5", 20 GAUGE GAGE GALVANIZED (G60) COMPOSITE METAL DECK (VULCRAFT TYPE VLI OR EQUIVALENT). OVERALL THICKNESS IS 6.75".

   A. DECK SHALL BE INSTALLED IN 2 OR 3-SPAN LENGTHS ONLY. NO 1-SPAN CONDITIONS WILL BE ALLOWED. VERIFY WITH DECK MANUFACTURERS THAT NO DECK SHORING IS REQUIRED.

   B. REINFORCE SLAB WITH #4 @ 12" OC MAINTAIN 1" TOP COVER. LAP 2'-6" AS REQUIRED.

   C. SEE TYPICAL DETAILS FOR PLACEMENT OF ADDITIONAL REINFORCING REBAR OVER FLOOR GIRDERS AND AT OPENINGS & COLUMNS.

   D. IF STUD SHEAR CONNECTORS ARE USED, DECK UNITS SHOULD BE BUTTED AND NOT LAPPED OVER SUPPORTS.

   E. WELD METAL DECK TO SUPPORTING STEEL PER THE MANUFACTURER'S RECOMMENDATIONS. PER SDI SPECIFICATIONS, THE MAXIMUM SPACING OF ATTACHMENT SHALL NOT EXCEED 18 INCHES. IF STUDS ARE BEING APPLIED THROUGH THE DECK, THE STUD WELDS CAN BE USED TO REPLACE PUDDLE WELDS.

2. UNSHORED BEAMS AND PURLINS WILL DEFLECT DURING CONCRETE PLACEMENT DUE TO THE WEIGHT OF WET CONCRETE. CONCRETE SHALL BE SCREEDED AND FINISHED TO THE SPECIFIED DEPTH. DO NOT ATTEMPT TO PROVIDE A PERFECTLY LEVEL SLAB BY ADDING CONCRETE TO ACHIEVE A LASER LEVEL FINISH.

3. SUSPENDED CEILINGS, LIGHT FIXTURES, DUCTS OR OTHER UTILITIES SHALL NOT BE SUPPORTED BY THE STEEL DECKS.

PREMANUFACTURED BUILDING NOTES

1. SEE PREFABRICATED BUILDING MANUFACTURER'S DRAWINGS FOR ROOF METAL DECK, PURLINS, AND FRAMING.

2. THE GENERAL CONTRACTOR SHALL PROVIDE AND SET ANCHOR BOLTS AND EMBED PLATES AS PER PREFABRICATED BUILDING MANUFACTURER'S DRAWINGS.

3. THE CONTRACTOR SHALL COMPARE STRUCTURAL DRAWINGS WITH PREFABRICATED BUILDING MANUFACTURER'S DRAWINGS AND REPORT ANY DISCREPANCY TO THE ENGINEER PRIOR TO FABRICATION OR INSTALLATION OF STRUCTURAL MEMBERS.

4. PREMANUFACTURED BUILDING SHOP DRAWINGS (PLANS, DETAILS, CALCULATIONS) SHALL BEAR THE SEAL OF A REGISTERED PROFESSIONAL ENGINEER, IN THE STATE OF THE PROJECT.

5. METAL BUILDING DESIGN LOADS SHALL BE AS FOLLOWS:

   A. WIND: SEE GENERAL NOTES
      LATERAL DEFLECTION LIMIT H/400

   B. GRAVITY: ROOF LIVE LOAD: 20 psf REDUCIBLE PER CODE
      ROOF DEAD LOAD: STRUCTURE WEIGHT + 7 psf COLLATERAL + MECHANICAL UNITS AS SHOWN.
      DEFLECTION LIMITS: LL = L/360
      TOTAL = L/240

METAL STAIR NOTES

1. METAL STAIRS ARE A PRE-ENGINEERED SYSTEM THAT SHALL BE DESIGNED AND ENGINEERED BY THE SUPPLIER. METAL STAIRS ARE DEFERRED SUBMITTAL AND TO BE HANDLED PER FBC 107.3.4.2. THE METAL STAIR SYSTEM INCLUDES ALL COMPONENTS OF THE STAIRS (TREADS, STRINGERS, LANDINGS (INTERMEDIATE AND AT FLOOR LEVEL), RAILINGS, ETC.), AND ALL SUPPORT/CONNECTION DEVICES (HANGERS, POSTS AND COLUMNS TO CARRY LANDING BEAMS OR HORIZONTAL FRAMING, CLIPS, ANCHORAGES, ETC.).

2. REFER TO ARCHITECTURAL DRAWINGS FOR MATERIALS, CONFIGURATIONS, DIMENSIONS, DESIGNS, EXTENT AND FINISHES. COORDINATE FIT OF STAIR SYSTEM WITH THE ROUGH OPENINGS SHOWN ON THE STRUCTURAL DOCUMENTS.

3. THE STRUCTURAL DESIGN SHALL BE PERFORMED BY AN ENGINEER THAT IS LEGALLY QUALIFIED (LICENSED OR REGISTERED) TO PRACTICE IN THE JURISDICTION WHERE THIS PROJECT IS LOCATED, AND WHO IS EXPERIENCED IN THE DESIGN OF METAL STAIRS AND HAND RAIL SYSTEMS. SUBMITTALS WHICH DO NOT BEAR THE SEAL AND SIGNATURE OF THE SPECIALTY ENGINEER WILL BE RETURNED REJECTED.

4. THE STRUCTURAL DESIGN SHALL BE IN CONFORMANCE WITH THE LOCAL BUILDING CODE AS NOTED IN THE GENERAL NOTES FOR THIS PROJECT, WITH THE AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, AND WITH THE AISC CODE OF STANDARD PRACTICE.

5. THE STAIR SYSTEM SHALL BE DESIGNED TO MEET THE FOLLOWING MINIMUM PERFORMANCE CRITERIA (REFER TO SPECIFICATIONS FOR ADDITIONAL, SPECIAL OR MORE RESTRICTIVE CRITERIA):

   A. UNIFORM LIVE LOAD: ---------- 100 psf
   B. CONCENTRATED LIVE LOAD: ---------- 300 pounds (OVER 4 SQ. IN.)
   C. MAX. LIVE LOAD DEFLECTION: ---------- L/480
   D. MAX. TOTAL LOAD DEFLECTION: ---------- L/360

6. POST INSTALLED ANCHORAGES TO MASONRY WALLS SHALL BE LIMITED TO THE USE OF ADHESIVE ANCHORING SYSTEMS (HILTI HIT HY200 ADHESIVE ANCHORING SYSTEM OR EQUAL) INSTALLED IN FULLY GROUTED CELLS. EXPANSION ANCHORS WILL BE ALLOWED IN CONCRETE ONLY. ANCHORS SHALL BE CLOSELY COORDINATED WITH THE PLACEMENT OF REINFORCING STEEL. TO THE GREATEST EXTENT POSSIBLE, ANCHORAGES SHALL BE LIMITED TO SHEAR CONDITIONS ONLY. ANCHORAGES IN TENSION SHALL BE AVOIDED.

7. ENGINEER'S REVIEW OF STAIR SHOP DRAWINGS WILL BE LIMITED TO THE INTERFACE BETWEEN STAIR SYSTEM AND BUILDING STRUCTURE. THIS REVIEW WILL CHECK THE COMPATIBILITY OF LOADS AND POSITIONS OF LOADS IMPARTED ONTO THE BUILDING STRUCTURE, AND COMPATIBILITY OF THE CONNECTIONS WITH THE BUILDING STRUCTURE. THE STRUCTURAL ENGINEER RESPONSIBLE FOR THE DESIGN OF THE STAIR SYSTEM WILL RETAIN ALL RIGHTS AND RESPONSIBILITIES FOR THE DESIGN OF THE STAIRS AND THE CONNECTIONS TO THE BUILDING STRUCTURE. SHOP DRAWINGS SHALL CLEARLY IDENTIFY THE FOLLOWING:

   A. PROJECT IDENTITY AND LOCATION
   B. SUPPLIER/FABRICATOR IDENTITY AND ADDRESS
   C. ENGINEERS IDENTITY AND ADDRESS
   D. CONFORMANCE WITH THE APPLICABLE BUILDING CODES.
   E. DESIGN LOADING CRITERIA.
   F. DESIGN DEFLECTION CRITERIA.
   G. CONNECTIONS TO THE STRUCTURE (CLEARLY IDENTIFIED AND DETAILED).
   H. SHOP DRAWINGS SHALL BEAR THE SEAL AND SIGNATURE OF THE ENGINEER RESPONSIBLE FOR THE DESIGN OF THE STAIR SYSTEM. SUBMITTALS WHICH DO NOT BEAR THE SEAL AND SIGNATURE OF THE SPECIALTY ENGINEER WILL BE RETURNED REJECTED.

COLD FORMED METAL FRAMING NOTES

1. ALL STUDS AND/OR JOISTS AND ACCESSORIES SHALL BE OF THE TYPE, SIZE, GAUGE AND SPACING SHOWN ON THE DRAWINGS AND CONFORM WITH THE PROPERTIES OF LIGHT GAGE MEMBERS AS INDICATED IN THE STEEL STUD MANUFACTURER'S ASSOCIATION – PRODUCT TECHNICAL INFORMATION (ICC-#3064P).

2. ALL STRUCTURAL MEMBERS SHALL BE DESIGNED IN ACCORDANCE WITH AMERICAN IRON AND STEEL INSTITUTE (AISI) "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" LATEST EDITION.

3. ALL FRAMING MEMBERS SHALL BE FORMED FROM CORROSION-RESISTANT STEEL (G90), CORRESPONDING TO THE REQUIREMENTS OF ASTM A653, WITH A MINIMUM YIELD STRENGTH OF 33 KSI FOR 33mil (20 GA) AND 43 mil (18 GA) STUDS, 50 KSI FOR 54 mil AND HEAVIER (16 GA, 14 GA, AND 12 GA) STUDS, AND 33 KSI FOR CR-STYLE RUNNERS.

4. FASTENING OF COMPONENTS SHALL BE WITH SELF-DRILLING SCREWS OR WELDING. SCREWS SHALL BE OF SUFFICIENT SIZE TO INSURE THE STRENGTH OF THE CONNECTION. ALL WELDS SHALL BE TOUCHED UP WITH A ZINC-RICH PAINT.

5. TEMPORARY BRACING SHALL BE PROVIDED UNTIL ERECTION IS COMPLETED.

6. SPLICES IN STUDS SHALL NOT BE PERMITTED.

7. PROVIDE AND INSTALL BRIDGING AND OTHER ACCESSORIES REQUIRED FOR A COMPLETE ASSEMBLY IN CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. AT WALLS THAT DO NOT HAVE SHEATHING ON BOTH FACES, PROVIDE QUANTITY AND TYPE OF BRIDGING TO ADEQUATELY BRIDGE ALL STUDS PER THE MANUFACTURER'S RECOMMENDATIONS.

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY RLG

GENERAL NOTES (CONTINUED) S002

REQUIRED VERIFICATION AND INSPECTION OF CMU CONSTRUCTION

1. SPECIAL INSPECTIONS FOR CMU CONSTRUCTION ARE BASED ON QUALITY ASSURANCE LEVEL 2 AND MINIMUM INSPECTIONS AS REQUIRED IN THE FOLLOWING TABLES.

QUALITY ASSURANCE VERIFICATIONS	ACTION	REFERENCED STANDARD	FBC REFERENCE	PROJECT SPECIFICATION SECTION
1. PRIOR TO CONSTRUCTION, VERIFICATION OF COMPLIANCE OF SUBMITTALS	VERIFY	TMS 602 ART 1.5		
2. PRIOR TO CONSTRUCTION, VERIFICATION OF f'm AND FACC, EXCEPT WHERE SPECIFICALLY EXEMPTED BY CODE	VERIFY	TMS 602 ART 1.4B		
3. DURING CONSTRUCTION, VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) WHEN SELF-CONSOLIDATING GROUT IS DELIVERED TO THE PROJECT SITE	VERIFY	TMS 602 ART 1.5 & 1.6.3		
4. PRIOR TO CONSTRUCTION, VERIFICATION OF f'm AND FACC FOR EVERY 5,000 SQUARE FEET	NO ACTION	TMS 602 ART 1.4B		
5. DURING CONSTRUCTION, VERIFICATION OF PROPORTIONS OF MATERIALS AS DELIVERED TO THE PROJECT SITE FOR PREMIXED OR PREBLENDED MORTAR, PRESTRESSING GROUT, AND GROUT OTHER THAN SELF-CONSOLIDATING GROUT	NO ACTION	TMS 602 ART 1.4B		

MINIMUM INSPECTIONS TASK	CONTINUOUS	PERIODIC	NOT APPLICABLE	REFERENCED STANDARD	FBC REFERENCE	PROJECT SPECIFICATION SECTION
1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE					1705.4	042000, 3.13
a. PROPORTIONS OF SITE-PREPARED MORTAR		X		TMS 602 ART 2.1 & 2.6A & 2.6C		
c. GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS,		X		TMS 602 ART 3.4 & 3.4A		
d. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	X[b]	X[c]		TMS ART 2.1 C.1		
e. SAMPLE PANEL CONSTRUCTION		X		TMS 602 ART 1.6D		
2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE						
a. GROUT SPACE		X		TMS 602 ART 3.2D & 3.2F		
b. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS		X		TMS 402 SEC. 6.1, 6.3.1 6.3.6, 6.3.7 TMS 602 ART 3.2E & 3.4		
3. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION						
a. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS		X		TMS 602 ART 1.5		
b. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION		X		TMS 602 ART 3.3B		
c. SIZE AND LOCATION OF STRUCTURAL MEMBERS		X		TMS 602 ART 3.3F		
d. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION		X		TMS 402 SEC. 1.2.1(e), 6.2.1 & 6.3.1		
e. WELDING OF REINFORCEMENT	X			TMS 402 SEC. 6.1.6.1.2		
f. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40° F) OR HOT WEATHER (TEMPERATURE ABOVE 90° F)		X		TMS 602 ART 1.8C & D		
g. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS	X[b]	X[c]		TMS 602 ART 3.3 B.9 & 3.3 F.1.b		
4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS.		X		TMS 602 ART 1.4 B.2.a.3, 1.4 B.2.b.3, 1.4 B.2.c.3, B.3.& 1.4 B.4.		

(b) REQUIRED FOR THE FIRST 5,000 SQUARE FEET OF AAC MASONRY.
(c) REQUIRED AFTER THE FIRST 5,000 SQUARE FEET OF AAC MASONRY.

REQUIRED VERIFICATION AND INSPECTION OF METAL DECK CONSTRUCTION

1. SPECIAL INSPECTIONS OF METAL DECKING IN BUILDINGS, STRUCTURES AND PORTIONS THEREOF SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLE

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	NOT APPLICABLE	REFERENCED STANDARD	FBC REFERENCE	PROJECT SPECIFICATION SECTION
1. INSPECTION OR EXECUTION TASKS PRIOR TO DECK PLACEMENT				MANUFACTURER'S APPROVED SHOP DRAWINGS	FBC 1705.2.2 SDI QA/QC	053000, 3.04
a. VERIFY COMPLIANCE OF MATERIALS (DECK AND ALL DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE METAL THICKNESS		X				
b. DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES		X				
2. INSPECTION OR EXECUTION TASKS AFTER TO DECK PLACEMENT						
a. VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS		X				
b. DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES		X				
c. DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES		X				
3. INSPECTION OR EXECUTION TASKS PRIOR TO WELDING						
a. WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE		X				
b. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE		X				
c. MATERIAL IDENTIFICATION (TYPE/GRADE)		X				
d. CHECK WELDING EQUIPMENT		X				
4. INSPECTION OR EXECUTION TASKS DURING WELDING						
a. USE OF QUALIFIED WELDERS		X				
b. CONTROL AND HANDLING OF WELDING CONSUMABLES		X				
c. ENVIRONMENTAL CONDITIONS (WIND SPEED, MOISTURE, TEMPERATURE)		X				
d. WPS FOLLOWED		X				
5. INSPECTION OR EXECUTION TASKS AFTER WELDING						
a. VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS.		X				
b. WELDS MEET VISUAL ACCEPTANCE CRITERIA		X				
c. VERIFY REPAIR ACTIVITIES		X				
d. DOCUMENT ACCEPTANCE OR REJECTION OF WELDS		X				
6. INSPECTION OR EXECUTION TASKS PRIOR TO MECHANICAL FASTENING						
a. MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENERS		X				
b. PROPER TOOLS AVAILABLE FOR FASTENER INSTALLATION		X				
c. PROPER STORAGE FOR MECHANICAL FASTENERS		X				
7. INSPECTION OR EXECUTION TASKS DURING MECHANICAL FASTENING						
a. FASTENERS ARE POSITIONED AS REQUIRED		X				
b. FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTION		X				
8. INSPECTION OR EXECUTION TASKS AFTER MECHANICAL FASTENING						
a. CHECK SPACING, TYPE, AND INSTALLATION OF SUPPORT FASTENERS		X				
b. CHECK SPACING, TYPE, AND INSTALLATION OF SIDELAP FASTENERS		X				
c. CHECK SPACING, TYPE, AND INSTALLATION OF PERIMETER FASTENERS		X				
d. VERIFY REPAIR ACTIVITIES		X				
e. DOCUMENT ACCEPTANCE OR REJECTION OF MECHANICAL FASTENERS		X				

REQUIRED SPECIAL INSPECTION AND TESTS OF METAL BUILDING SYSTEMS

1. SPECIAL INSPECTION AND VERIFICATION FOR METAL CANOPY SYSTEMS SHALL BE AS REQUIRED IN THE FOLLOWING TABLE:

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	NOT APPLICABLE	REFERENCED STANDARD	FBC REFERENCE	PROJECT SPECIFICATION SECTION
1. INSTALLATION OF RAFTER/BEAM FLANGE BRACES AND COLUMN FLANGE BRACES.		X			1705.2.6	
2. INSTALLATION OF PURLINS AND GIRTS, INCLUDING SPECIFIED LAPPING.		X				
3. PURLIN AND GIRTS RESTRAINT/BRIDGING/BRACING.		X				
4. INSTALLATION OF X-BRACING, TIGHTEN TO REMOVE ANY SAG.		X				

REQUIRED SPECIAL INSPECTION AND TESTS OF STEEL CONSTRUCTION

1. SPECIAL INSPECTIONS FOR STEEL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF AISC 360, AS REQUIRED IN THE FOLLOWING TABLES.

TABLE N5.4-1
INSPECTION TASKS PRIOR TO WELDING

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	NOT APPLICABLE	REFERENCED STANDARD	FBC REFERENCE	PROJECT SPECIFICATION SECTION
1. WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS.		X				
2. WPS AVAILABLE.	X					
3. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE.	X					
4. MATERIAL IDENTIFICATION (TYPE/GRADE).		X				
5. WELDER IDENTIFICATION SYSTEM [a]		X				
6. FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) a. JOINT PREPARATIONS. b. DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL). c. CLEANLINESS (CONDITION OF STEEL SURFACES). d. TACKING (TACK WELD QUALITY AND LOCATION). e. BACKING TYPE AND FIT (IF APPLICABLE).		X				
7. FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y- AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY) a. JOINT PREPARATIONS. b. DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL). c. CLEANLINESS (CONDITION OF STEEL SURFACES). d. TACKING (TACK WELD QUALITY AND LOCATION).		X				
8. CONFIGURATION AND FINISH OF ACCESS HOLES.		X				
9. FIT-UP OF FILLET WELDS a. DIMENSIONS (ALIGNMENT, GAPS AT ROOT). b. CLEANLINESS (CONDITION OF STEEL SURFACES). c. TACKING (TACK WELD QUALITY AND LOCATION).		X				
10. CHECK WELDING EQUIPMENT						

[a] THE FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. STAMPS, IF USED, SHALL BE THE LOW-STRESS TYPE.

TABLE N5.4-2
INSPECTION TASKS DURING WELDING

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	NOT APPLICABLE	REFERENCED STANDARD	FBC REFERENCE	PROJECT SPECIFICATION SECTION
1. CONTROL AND HANDLING OF WELDING CONSUMABLES. a. PACKAGING. b. EXPOSURE CONTROL.		X				
2. NO WELDING OVER CRACKED TACK WELDS.		X				
3. ENVIRONMENTAL CONDITIONS. a. WIND SPEED WITHIN LIMITS. b. PRECIPITATION AND TEMPERATURE.		X				
4. WPS FOLLOWED. a. SETTINGS ON WELDING EQUIPMENT. b. TRAVEL SPEED. c. SELECTED WELDING MATERIALS. d. SHIELDING GAS TYPE/FLOW RATE. e. PREHEAT APPLIED. f. INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.). g. PROPER POSITION (F, V, H, OH).		X				
5. WELDING TECHNIQUES. a. INTERPASS AND FINAL CLEANING. b. EACH PASS WITHIN PROFILE LIMITATIONS. c. EACH PASS MEETS QUALITY REQUIREMENTS.		X				
6. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS.	X					

TABLE N5.4-3
INSPECTION TASKS AFTER WELDING

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	NOT APPLICABLE	REFERENCED STANDARD	FBC REFERENCE	PROJECT SPECIFICATION SECTION
1. WELDS CLEANED.		X				
2. SIZE, LENGTH AND LOCATION OF WELDS.	X					
3. WELDS MEET VISUAL ACCEPTANCE CRITERIA. a. CRACK PROHIBITION. b. WELD/BASE-METAL FUSION. c. CRATER CROSS SECTION. d. WELD PROFILES. e. WELD SIZE. f. UNDERCUT. g. POROSITY.	X					
4. ARC STRIKES.	X					
5. k-AREA.[a]	X					
6. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES.[b]	X					
7. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED).	X					
8. REPAIR ACTIVITIES.	X					
9. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER.	X					
10. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR.		X				

[a] WHEN WELDING OF DOUBLERS PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE k-AREA, VISUALLY INSPECT THE WEB k-AREA FOR CRACKS WITHIN 3 in. (75 mm) OF THE WELD.

[b] AFTER ROLLED HEAVY SHAPES (SEE SECTION A3.1c) AND BUILT-UP HEAVY SHAPES (SEE SECTION A3.1d) ARE WELDED, VISUALLY INSPECT THE WELD ACCESS HOLE FOR CRACKS.

STRUCTURAL STEEL INSPECTION CONTINUED

TABLE N5.6-1
INSPECTION TASKS PRIOR TO BOLTING

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	NOT APPLICABLE	REFERENCED STANDARD	FBC REFERENCE	PROJECT SPECIFICATION SECTION
1. MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS.	X					
2. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS.		X				
3. CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE).		X				
4. CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL.		X				
5. CONNECTING ELEMENTS, INCLUDING THE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS.		X				
6. PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED.		X				
7. PROTECTED STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS.		X				

TABLE N5.6-2
INSPECTION TASKS DURING BOLTING

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	NOT APPLICABLE	REFERENCED STANDARD	FBC REFERENCE	PROJECT SPECIFICATION SECTION
1. FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED.		X				
2. JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION.		X				
3. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING.		X				
4. FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES.		X				

TABLE N5.6-3
INSPECTION TASKS AFTER BOLTING

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	NOT APPLICABLE	REFERENCED STANDARD	FBC REFERENCE	PROJECT SPECIFICATION SECTION
1. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.	X					

INSPECTION OF FABRICATORS

1. WHERE FABRICATION OF STRUCTURAL, LOAD-BEARING OR LATERAL LOAD-RESISTING MEMBERS OR ASSEMBLIES IS BEING CONDUCTED ON THE PREMISES OF A FABRICATOR'S SHOP, SPECIAL INSPECTIONS OF THE FABRICATED ITEMS SHALL BE PERFORMED DURING FABRICATION.

2. SPECIAL INSPECTIONS DURING FABRICATION ARE NOT REQUIRED WHERE THE FABRICATOR MAINTAINS APPROVED DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR CONTROL OF THE WORKMANSHIP AND THE FABRICATOR'S ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND THIS CODE. APPROVAL SHALL BE BASED UPON REVIEW OF FABRICATION AND QUALITY CONTROL PROCEDURES AND PERIODIC INSPECTION OF FABRICATION PRACTICES BY THE BUILDING OFFICIAL.

3. SPECIAL INSPECTIONS DURING FABRICATION ARE NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. APPROVAL SHALL BE BASED UPON REVIEW OF THE FABRICATOR'S WRITTEN PROCEDURAL AND QUALITY CONTROL MANUALS AND PERIODIC AUDITING OF FABRICATION PRACTICES BY AN APPROVED AGENCY AT COMPLETION OF FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE OWNER OR THE OWNER'S AUTHORIZED AGENT FOR SUBMITTAL TO THE BUILDING OFFICIAL AS SPECIFIED IN SECTION 1704.5 STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS

REQUIRED VERIFICATION AND INSPECTION OF SOILS

1. VERIFICATION OF SOILS AND SPECIAL INSPECTIONS FOR SUBGRADE SHALL BE AS REQUIRED IN THE FOLLOWING TABLE.

2. THE GEOTECHNICAL ENGINEERING REPORT, AND THE CONSTRUCTION DOCUMENTS SHALL BE USED TO DETERMINE COMPLIANCE.

3. REFER TO PROJECT SPECIFICATIONS FOR QUANTITY AND FREQUENCY OF INSPECTIONS AND TESTS.

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	NOT APPLICABLE	REFERENCED STANDARD	FBC REFERENCE	PROJECT SPECIFICATION SECTION
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.		X		GEOTECHNICAL ENGINEERING REPORT	1705.6	312303, 3.14
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.		X				
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.		X				
4. DURING FILL PLACEMENT, VERIFY USE OF PROPER MATERIALS IN ACCORDANCE WITH PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITY AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X					
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.		X				

REQUIRED VERIFICATION AND INSPECTION OF THE UNDERSLAB DRAINAGE COURSE

1. VERIFICATION OF SOILS AND SPECIAL INSPECTIONS FOR THE UNDERSLAB DRAINAGE COURSE SHALL BE AS REQUIRED IN THE FOLLOWING TABLE.

2. THE GEOTECHNICAL ENGINEERING REPORT, AND THE APPROVED CONSTRUCTION DOCUMENTS PREPARED BY THE REGISTERED DESIGN PROFESSIONALS, SHALL BE USED TO DETERMINE COMPLIANCE.

3. REFER TO PROJECT SPECIFICATIONS FOR QUANTITY AND FREQUENCY OF INSPECTIONS AND TESTS.

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	NOT APPLICABLE	REFERENCED STANDARD	FBC REFERENCE	PROJECT SPECIFICATION SECTION
1. SITE PREPARATION: PRIOR TO PLACEMENT OF THE DRAINAGE COURSE, THE SPECIAL INSPECTOR SHALL DETERMINE THAT THE SUBGRADE HAS BEEN PREPARED IN ACCORDANCE WITH THE APPROVED SOILS REPORT.		X		GEOTECHNICAL ENGINEERING REPORT	1705.6	312303, 3.14
2. DURING DRAINAGE COURSE PLACEMENT: DURING PLACEMENT AND COMPACTION OF THE DRAINAGE COURSE, THE SPECIAL INSPECTOR SHALL DETERMINE THAT THE MATERIAL BEING USED, THE MAXIMUM LIFT THICKNESS, THE OVERALL DEPTH OF MATERIAL AND THE USE OF FILTER FABRICS COMPLY WITH THE APPROVED GEOTECHNICAL REPORT.		X				
3. DURING INSTALLATION OF FILTER FABRICS, DRAINAGE MATS AND OTHER GEOTEXTILE FABRICS, THE SPECIAL INSPECTOR SHALL CONFIRM THAT THE MATERIALS AND METHOD OF INSTALLATION COMPLY WITH THE APPROVED GEOTECHNICAL REPORT AND CONSTRUCTION DOCUMENTS.		X				
4. EVALUATION OF IN-PLACE DENSITY: THE SPECIAL INSPECTOR SHALL DETERMINE, AT THE APPROVED FREQUENCY, THAT THE IN-PLACE DRY DENSITY OF THE COMPACTED MATERIAL COMPLIES WITH THE APPROVED REPORT.		X				

REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

1. SPECIAL INSPECTIONS AND VERIFICATIONS FOR CONCRETE CONSTRUCTION SHALL BE AS REQUIRED IN THE FOLLOWING TABLE:

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	NOT APPLICABLE	REFERENCED STANDARD	FBC REFERENCE	PROJECT SPECIFICATION SECTION
1. INSPECT REINFORCEMENT, AND VERIFY PLACEMENT.		X		ACI 318 CH 20, 25.2, 25.3, 26.6.1-26.6.3	-	032000, 3.02
2. REINFORCING BAR WELDING:						
a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706		X		AWS D1.4 ACI 318: 26.6.4	-	032000, 3.02
b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16", AND		X				
c. INSPECT ALL OTHER WELDS	X	-				
3. INSPECT ANCHORS CAST IN CONCRETE		X		ACI 318: 17.8.2	-	
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS						
a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS	X			ACI 318:17.8.2.4		
b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a		X		ACI 318: 17.8.2		
5. VERIFY USE OF REQUIRED DESIGN MIX		X		ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2	033000, 3.03
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS, AND CUTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X			ASTM C172, ASTM C31, ACI 318: 26.5, 26.12	-	033000, 3.03
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X			ACI 318: 26.5	1908.6, 1908.7, 1908.8	
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	X			ACI 318: 26.4.7-26.4.9	1908.9	033000, 3.03
9. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.		X		ACI 318: Ch. 26.10.2	-	033000, 3.03; 033816, 3.04
10. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED		X		ACI 318:26.10.1(b)	-	031000, 3.05

REQUIRED VERIFICATION AND INSPECTION OF LIGHT GAUGE METAL FRAMING

1. SPECIAL INSPECTIONS FOR LIGHT GAUGE METAL FRAMING CONSTRUCTION SHALL BE AS REQUIRED IN THE FOLLOWING TABLE.

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	NOT APPLICABLE	REFERENCED STANDARD	FBC REFERENCE	PROJECT SPECIFICATION SECTION
1. SPECIAL INSPECTIONS OF THE FABRICATION PROCESS OF PREFABRICATED LIGHT GAUGE METAL STRUCTURAL ELEMENTS AND ASSEMBLIES.		X		APPROVED CONSTRUCTION DOCUMENTS	1705.2.4	054000
2. SHEAR WALLS, FLOOR DIAPHRAGMS, AND ROOF DIAPHRAGMS:		X				
a. THE SPECIAL INSPECTOR SHALL INSPECT THE WOOD OR GYPSUM PANEL SHEATHING TO ASCERTAIN WHETHER IT IS OF THE GRADE AND THICKNESS SHOWN ON THE APPROVED BUILDING PLANS.		X				
b. THE SPECIAL INSPECTOR SHALL VERIFY THE NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES, THE NAIL OR STAPLE DIAMETER AND LENGTH, THE NUMBER OF FASTENER LINES AND THAT SPACING BETWEEN FASTENERS IN EACH LINE AND AT EDGE MARGINS AGREES WITH THE APPROVED CONSTRUCTION DOCUMENTS.		X				
3. THE SPECIAL INSPECTOR SHALL VERIFY STUD, BEAM, AND POST SIZE, GAUGE AND ORIENTATION.		X				

STATEMENT OF SPECIAL INSPECTIONS

1. INFORMATION ON THIS SHEET IS BEING SUBMITTED IN ACCORDANCE WITH THE SPECIAL INSPECTIONS PROVISIONS OF THE 8TH EDITION OF FLORIDA BUILDING CODE. THIS INFORMATION CONSTITUTES THE SCHEDULE OF SPECIAL INSPECTIONS (SSI) REQUIRED FOR THIS PROJECT.

2. THE OWNER OR THE OWNER'S AUTHORIZED AGENT, OTHER THAN THE CONTRACTOR, SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PROVIDE SPECIAL INSPECTIONS AND TESTS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED HEREIN.

3. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.

4. THE SPECIAL INSPECTOR SHALL FULFILL THE FOLLOWING REPORT REQUIREMENTS:

   a. SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS.

   b. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE OWNER, THE GENERAL CONTRACTOR, THE STRUCTURAL ENGINEER, AND THE ARCHITECT. IN ADDITION, REPORTS RELATED TO GEOTECHNICAL ISSUES SHALL BE DISTRIBUTED TO THE GEOTECHNICAL ENGINEER. WHEN TESTS OR INSPECTIONS INDICATE THAT THE WORK DOES NOT COMPLY WITH THE CONSTRUCTION DOCUMENTS, THE SPECIAL INSPECTOR SHALL NOTIFY THE OWNER, CONTRACTOR, ARCHITECT AND STRUCTURAL ENGINEER BY PHONE ON THE DAY OF THE TEST OR INSPECTION AND SHALL FOLLOW THAT CALL WITH AN EXPEDITED WRITTEN REPORT WITHIN ONE BUSINESS DAY. ALL OTHER REPORTS SHALL BE SUBMITTED WITHIN 5 BUSINESS DAYS OF THE EVENT DOCUMENTED.

   c. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS

   d. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION.

   e. IF THE DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE WITHIN ONE BUSINESS DAY. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED BY THE SPECIAL INSPECTOR AT A POINT IN TIME AGREED UPON BY THE PERMIT APPLICANT AND THE BUILDING OFFICIAL PRIOR TO THE START OF WORK.

   g. THE SPECIAL INSPECTOR'S FINAL REPORT SHALL IDENTIFY THE FOLLOWING:

      1) THE MATERIALS, SYSTEMS, COMPONENTS, AND WORK REQUIRED TO HAVE SPECIAL INSPECTION OR TESTING BY THE BUILDING OFFICIAL OR BY THE REGISTERED DESIGN PROFESSIONAL RESPONSIBLE FOR EACH PORTION OF THE WORK.

      2) THE TYPE AND EXTENT OF EACH SPECIAL INSPECTION.

      3) THE TYPE AND EXTENT OF EACH TEST.

      4) ADDITIONAL REQUIREMENTS FOR SPECIAL INSPECTION OR TESTING FOR SEISMIC OR WIND RESISTANCE AS SPECIFIED IN SECTIONS 1705.11, 1705.12 AND 1705.13.

         i. WHERE SECTION 1705.12 OR 1705.13 SPECIFIES SPECIAL INSPECTION, TESTING OR QUALIFICATION FOR SEISMIC RESISTANCE, THE STATEMENT OF SPECIAL INSPECTIONS SHALL IDENTIFY THE DESIGNATED SEISMIC SYSTEMS AND SEISMIC FORCE-RESISTING SYSTEMS THAT ARE SUBJECT TO SPECIAL INSPECTIONS OR TESTS.

         ii. WHERE SECTION 1705.11 SPECIFIES SPECIAL INSPECTION FOR WIND REQUIREMENTS, THE STATEMENT OF SPECIAL INSPECTIONS SHALL IDENTIFY THE MAIN WINDFORCE-RESISTING SYSTEMS AND WIND-RESISTING COMPONENTS SUBJECT TO SPECIAL INSPECTIONS. THE REPORT SHALL BE SIGNED BY THE SPECIAL INSPECTOR

5. FOR EACH TYPE OF SPECIAL INSPECTION, IDENTIFICATION AS TO WHETHER IT WILL BE CONTINUOUS SPECIAL INSPECTION, PERIODIC SPECIAL INSPECTION OR PERFORMED IN ACCORDANCE WITH THE NOTATION USED IN THE REFERENCED STANDARD WHERE THE INSPECTIONS ARE DEFINED.

6. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION ON QUANTITY, FREQUENCY AND DETAILED INFORMATION ON TESTING, INS

01 FOUNDATION PLAN

1/8" = 1'-0"

PLAN NOTES:

1. ALL ELEVATIONS ARE REFERENCED TO LEVEL 1 FINISHED FLOOR EL = 100'-0" (83.00'). REFERENCE SITE PLAN FOR ABSOLUTE ELEVATIONS.
2. SEE 5000 SERIES FOR ABBREVIATIONS, GENERAL NOTES, AND SPECIAL INSPECTIONS.
3. SEE SHEET S300 FOR TYPICAL SPREAD FOOTING DETAIL.
4. SEE S300 SERIES SHEETS FOR TYPICAL DETAILS.
5. XXX'-X" - DENOTES TOP OF SLAB ELEVATION.
6. FOOTING CALL OUT:

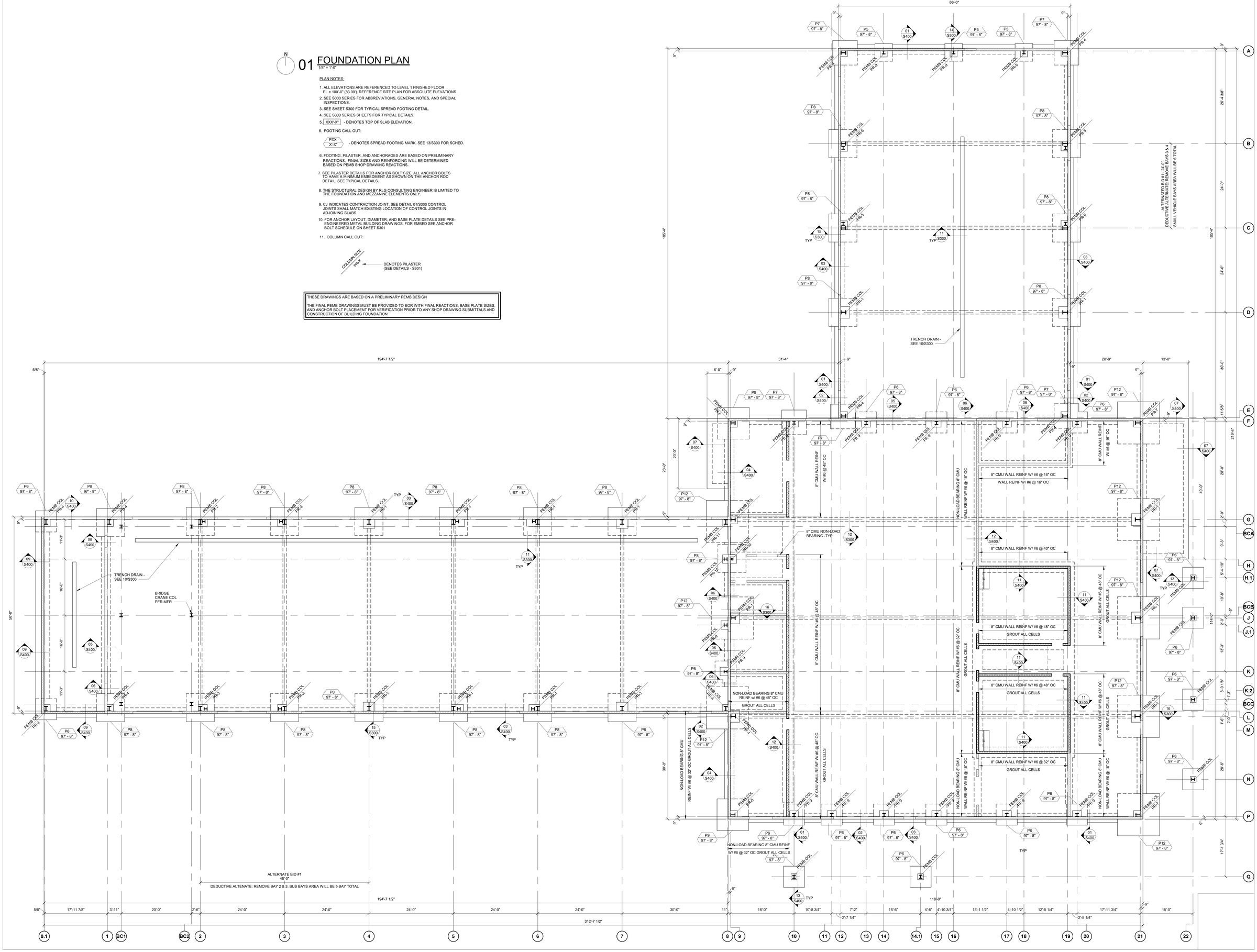
   PXX / X'-X" - DENOTES SPREAD FOOTING MARK. SEE 13/S300 FOR SCHED.

6. FOOTING, PILASTER, AND ANCHORAGES ARE BASED ON PRELIMINARY REACTIONS. FINIAL SIZES AND REINFORCING WILL BE DETERMINED BASED ON PEMB SHOP DRAWING REACTIONS.
7. SEE PILASTER DETAILS FOR ANCHOR BOLT SIZE. ALL ANCHOR BOLTS TO HAVE A MINIMUM EMBEDMENT AS SHOWN ON THE ANCHOR ROD DETAIL. SEE TYPICAL DETAILS.
8. THE STRUCTURAL DESIGN BY RLG CONSULTING ENGINEER IS LIMITED TO THE FOUNDATION AND MEZZANINE ELEMENTS ONLY.
9. CJ INDICATES CONTRACTION JOINT. SEE DETAIL 01/S300 CONTROL JOINTS SHALL MATCH EXISTING LOCATION OF CONTROL JOINTS IN ADJOINING SLABS.
10. FOR ANCHOR LAYOUT, DIAMETER, AND BASE PLATE DETAILS SEE PRE-ENGINEERED METAL BUILDING DRAWINGS. FOR EMBED SEE ANCHOR BOLT SCHEDULE ON SHEET S301
11. COLUMN CALL OUT:

    COLUMN SIZE / PR-X ← DENOTES PILASTER (SEE DETAILS - S301)

THESE DRAWINGS ARE BASED ON A PRELIMINARY PEMB DESIGN

THE FINAL PEMB DRAWINGS MUST BE PROVIDED TO EOR WITH FINAL REACTIONS, BASE PLATE SIZES, AND ANCHOR BOLT PLACEMENT FOR VERIFICATION PRIOR TO ANY SHOP DRAWING SUBMITTALS AND CONSTRUCTION OF BUILDING FOUNDATION

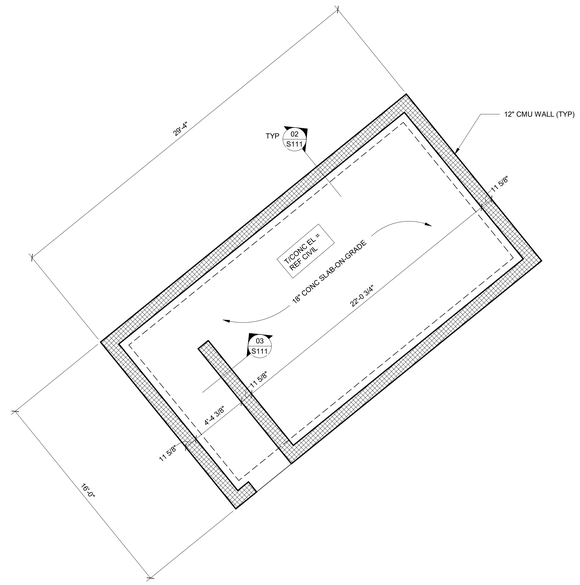


ESCAMBIA COUNTY AREA TRANSIT - FACILITY:	Architect of Record:	Discipline:	Discipline:	Discipline:	Discipline:	Discipline: Owner Consultant	OWNER ID:
02 - MAINTENANCE BUILDING	ADG	RLG CONSULTING ENGINEERS	HODGSON DOUGLAS LANDSCAPE	RLG CONSULTING ENGINEERS	KEDbluestone	QSC SERVICES, LLC	Design and Construction Administration Division
20 CLARINDA LN	800 SW ADAMS STREET, SUITE 101	12001 N CENTRAL, EXPY #300	12001 N. CENTRAL EXPRESSWAY, STE 1170	12001 N CENTRAL, EXPY #300	707 NE JEFFERSON AVE,	PMB #69	ESCAMBIA COUNTY, FL
PENSACOLA, FL 32505	PEORIA, IL 61602	DALLAS, TX 75243	DALLAS, TX 75243	DALLAS, TX 75243	PEORIA, IL 61602	545 BRENT LN. PENSACOLA, FL	100 E. BLOUNT ST. PENSACOLA, FL 32501
	P - 309.672.6948	P - 214.739.8100	P - 214.749.0333	P - 214.739.8100	P - 515.259.5957	P - 309.231.8272	

Revisions

PROJECT NO.	2613
STATUS	BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE	10/22/2026
DRAWN BY	RLG

FOUNDATION PLAN **S110**

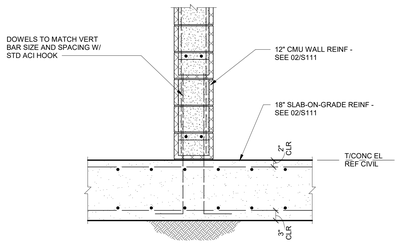


N

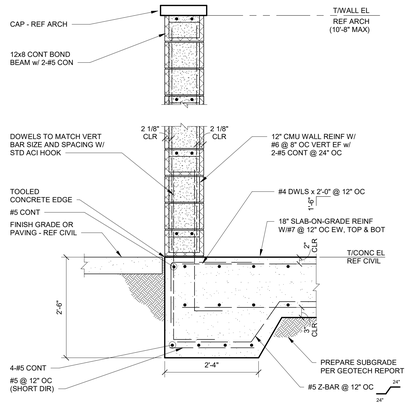
01 FOUNDATION PLAN
1/4" = 1'-0"

PLAN NOTES:

1. ALL ELEVATIONS ARE REFERENCED TO LEVEL 1 FINISHED FLOOR EL = 100'-0" (83.00'). REFERENCE SITE PLAN FOR ABSOLUTE ELEVATIONS.
2. SEE S000 SERIES FOR ABBREVIATIONS, GENERAL NOTES, AND SPECIAL INSPECTIONS.
3. SEE S300 SERIES SHEETS FOR TYPICAL DETAILS.
4. XXX'-X" - DENOTES TOP OF SLAB ELEVATION.
5. CJ INDICATES CONTRACTION JOINT. SEE DETAIL 02/S2.03. CONTROL JOINTS SHALL MATCH EXISTING LOCATION OF CONTROL JOINTS IN ADJOINING SLABS.
6. GENERATOR ENCLOSURE WALL AND FOUNDATION HAS BEEN DESIGNED FOR A BLAST PRESSURE OF 0.75 PSI WHICH IS GREATER THAN THE HUD-ASD DESIGN REQUIREMENT OF 0.5 PSI.



03



02

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

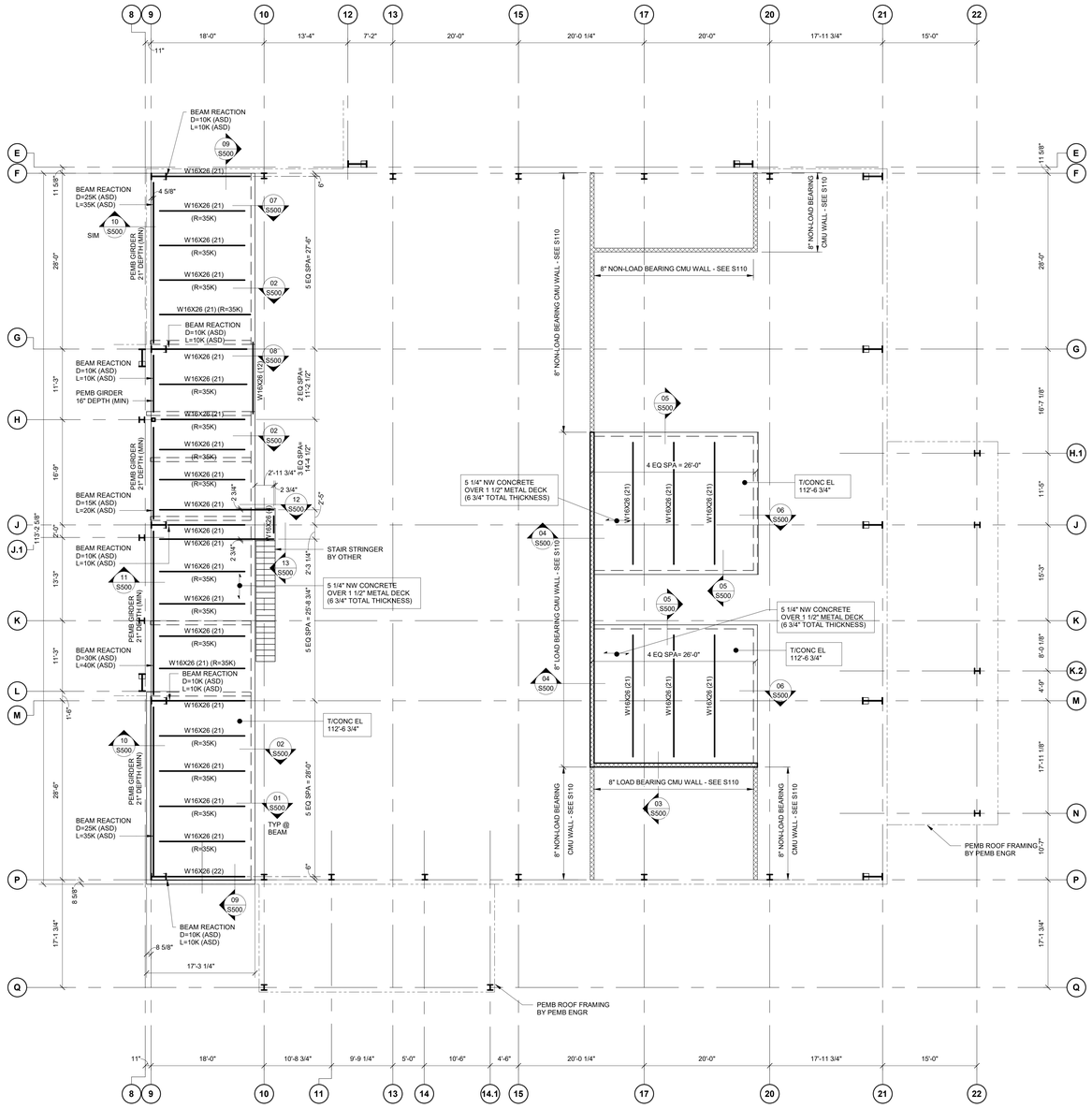
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY RLG

ENLARGED **FOUNDATION PLAN & DETAILS** **S111**



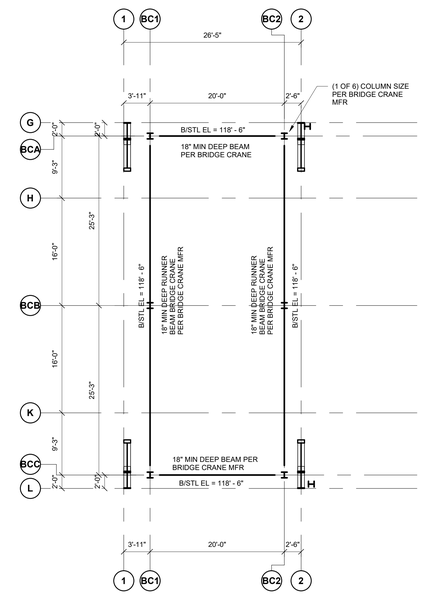
N

01 MEZZANINE FRAMING

1/8" = 1'-0"

PLAN NOTES:

1. ALL ELEVATIONS ARE REFERENCED TO LEVEL 1 FINISHED FLOOR EL = 100'-0" (83.00'). REFERENCE SITE PLAN FOR ABSOLUTE ELEVATIONS.
2. SEE S000 SERIES FOR ABBREVIATIONS, GENERAL NOTES, AND SPECIAL INSPECTIONS.
3. SEE S300 SERIES SHEETS FOR TYPICAL DETAILS.
4. XXX'-X" - DENOTES TOP OF SLAB ELEVATION.



N

02 ENLARGED PLAN - BRIDGE CRANE

1/8" = 1'-0"

THESE DRAWINGS ARE BASED ON A PRELIMINARY BRIDGE CRANE INFORMATION USING 2-TON BRIDGE CRANE FROM SPANCO AS BASIS OF DESIGN.

THE FINAL BRIDGE CRANE DRAWINGS MUST BE PROVIDED TO EOR WITH FINAL REACTIONS, BASE PLATE SIZES, AND ANCHOR BOLT PLACEMENT FOR VERIFICATION PRIOR TO ANY SHOP DRAWING SUBMITTALS AND CONSTRUCTION OF BUILDING FOUNDATION

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY RLG

MEZZANINE FLOOR FRAMING PLAN S114

N

01 ROOF FRAMING PLAN

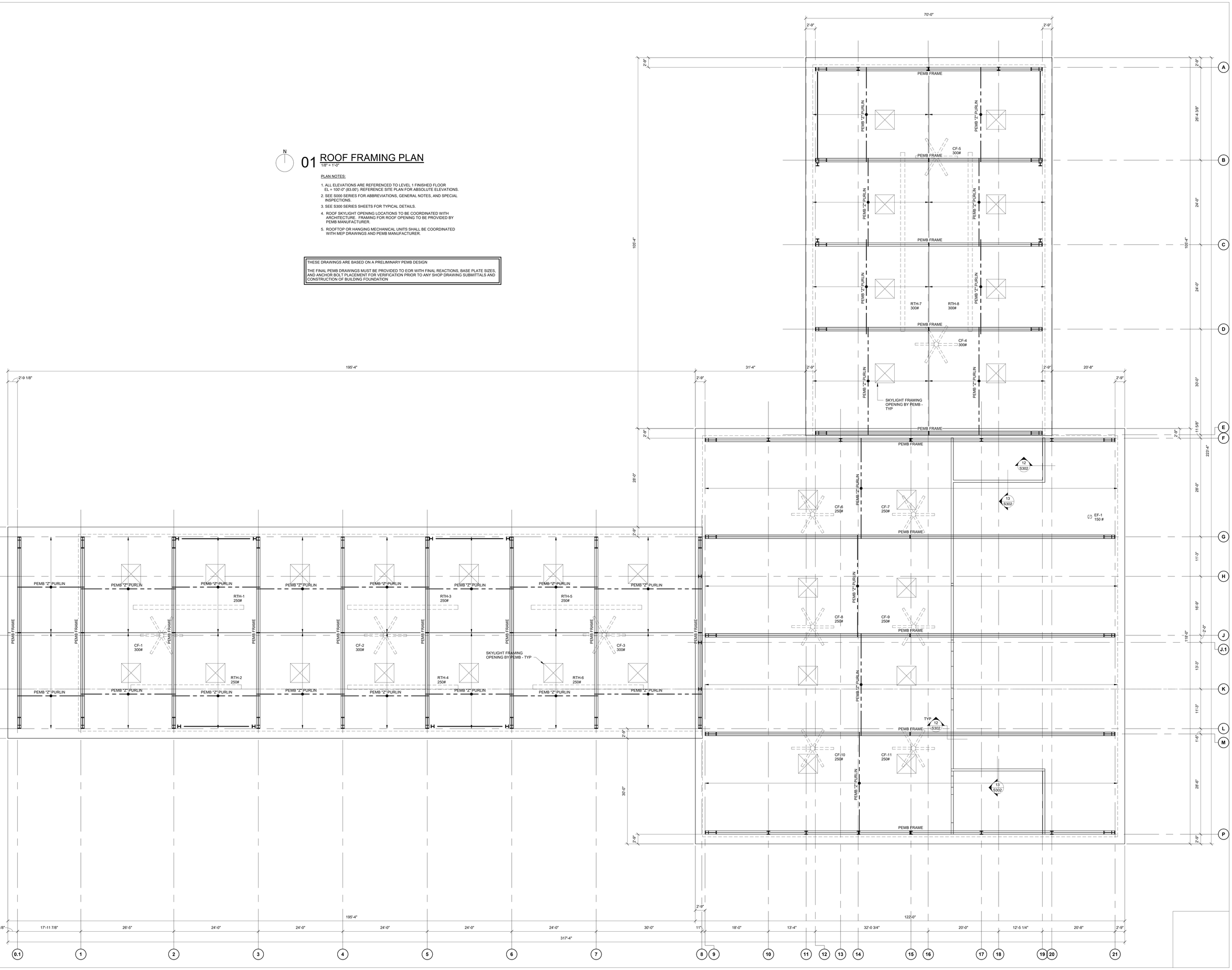
1/8" = 1'-0"

PLAN NOTES:

1. ALL ELEVATIONS ARE REFERENCED TO LEVEL 1 FINISHED FLOOR EL = 100'-0" (83.00'). REFERENCE SITE PLAN FOR ABSOLUTE ELEVATIONS.
2. SEE S000 SERIES FOR ABBREVIATIONS, GENERAL NOTES, AND SPECIAL INSPECTIONS.
3. SEE S300 SERIES SHEETS FOR TYPICAL DETAILS.
4. ROOF SKYLIGHT OPENING LOCATIONS TO BE COORDINATED WITH ARCHITECTURE. FRAMING FOR ROOF OPENING TO BE PROVIDED BY PEMB MANUFACTURER.
5. ROOFTOP OR HANGING MECHANICAL UNITS SHALL BE COORDINATED WITH MEP DRAWINGS AND PEMB MANUFACTURER.

THESE DRAWINGS ARE BASED ON A PRELIMINARY PEMB DESIGN

THE FINAL PEMB DRAWINGS MUST BE PROVIDED TO EOR WITH FINAL REACTIONS, BASE PLATE SIZES, AND ANCHOR BOLT PLACEMENT FOR VERIFICATION PRIOR TO ANY SHOP DRAWING SUBMITTALS AND CONSTRUCTION OF BUILDING FOUNDATION



ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

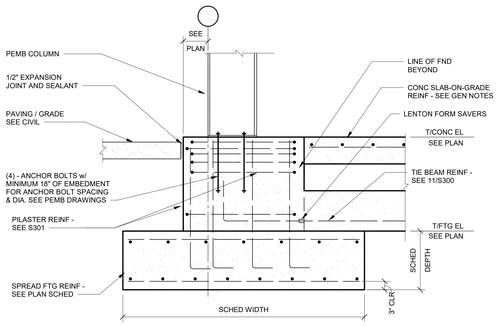
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

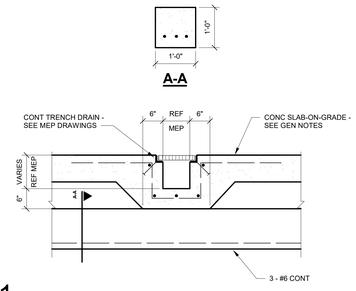
Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY RLG

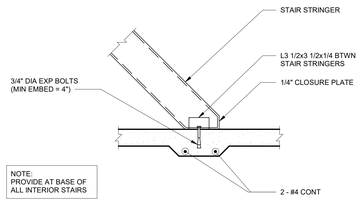
ROOF FRAMING PLAN **S200**



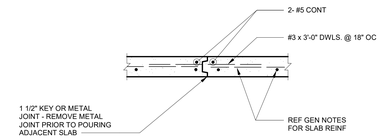
15



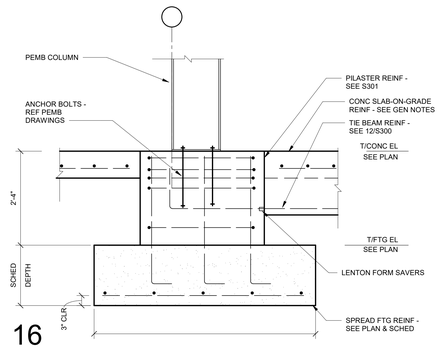
11 **TYPICAL TIE BEAM**



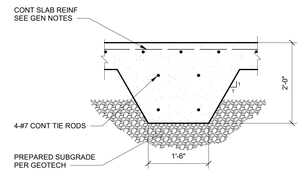
06 **THICKENED SLAB AT STAIR CONNECTION**



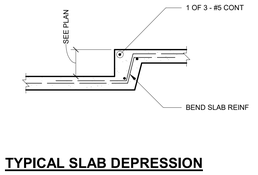
01 **TYPICAL SLAB ON GRADE CONSTRUCTION JOINT**



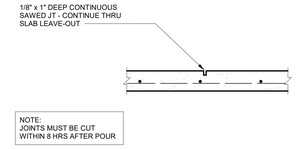
16



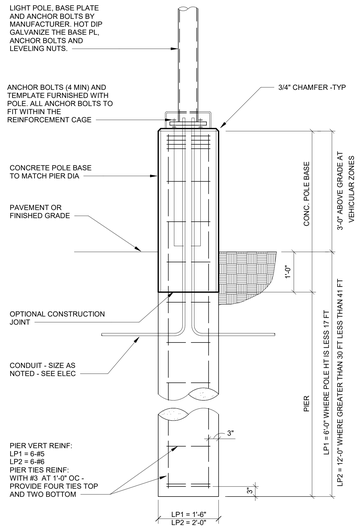
12 **TYPICAL TIE BEAM**



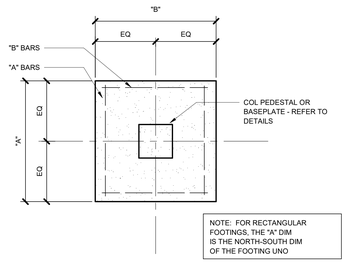
07 **TYPICAL SLAB DEPRESSION**



02 **TYPICAL SLAB ON GRADE SAWED JOINT**



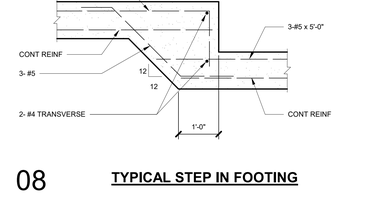
17 LIGHT POLE BASE DETAIL



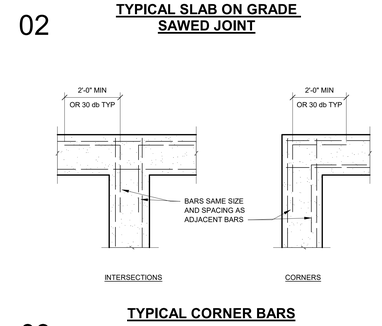
13

SPREAD FOOTING SCHEDULE						
MARK	DIMENSIONS			REINFORCING		NOTES
	"A"	"B"	"T"	A BARS	B BARS	
P6	6'-0"	6'-0"	2'-0"	7-#7	7-#7	TOP AND BOT
P7	7'-0"	7'-0"	2'-0"	8-#7	8-#7	TOP AND BOT
P8	8'-0"	8'-0"	2'-0"	9-#7	9-#7	TOP AND BOT
P9	9'-0"	9'-0"	2'-0"	10-#8	10-#8	TOP AND BOT
P12	12'-0"	12'-0"	2'-0"	13-#8	13-#8	TOP AND BOT

TYPICAL SPREAD FOOTING PLAN AND SCHEDULE

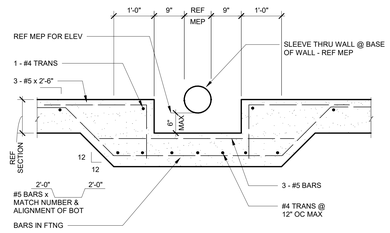


08 **TYPICAL STEP IN FOOTING**

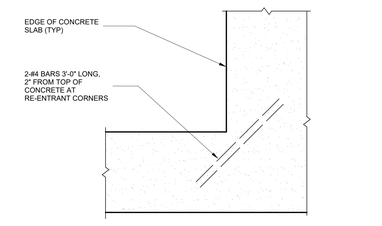


TYPICAL CORNER BARS

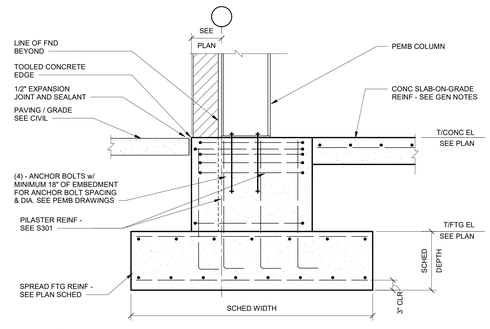
03



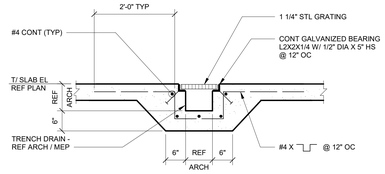
09



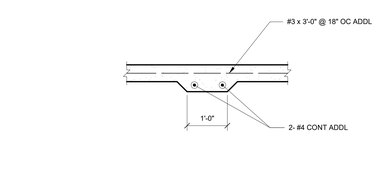
04 **TYPICAL RE-ENTRANT CORNER REINFORCING**



14



10 **TYPICAL TRENCH DRAIN**



05 **TYPICAL THICKENED SLAB**

NOTE: DETAILS SHOWN ON THIS SHEET ARE APPLICABLE THROUGHOUT THE DESIGN DRAWINGS. THESE DETAILS ARE DEFINED AS GENERAL STANDARDS THAT ARE USUALLY NOT IDENTIFIED BY SPECIFIC REFERENCE WITHIN THE DRAWINGS. THESE DETAILS MAY BE MODIFIED OR SUPERSEDED BY SPECIFIC DETAILS THAT ARE REFERENCED WITHIN THE DRAWINGS.

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY RLG

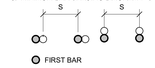
TYPICAL DETAILS - FOUNDATION DETAILS **S300**

DEVELOPMENT LENGTH SCHEDULE (INCHES)

GRADE	BAR SIZE	MIN BAR SPACING (INCHES) [MAX OF db+1" OR 2db]	TENSION												COMPRESSION					
			NOTED AS Ld ON DRAWINGS						NOTED AS Ldh ON DRAWINGS						NOTED AS Ldc ON DRAWINGS					
			f'c (PSI)						f'c (PSI)						f'c (PSI)					
			3000	4000	5000	6000	7000	8500	3000	4000	5000	6000	7000	8500	3000	4000	5000	6000	7000	8500
60	#3	1.375	17	15	13	12	12	12	9	8	7	6	6	6	9	8	8	8	8	8
	#4	1.5000	22	19	17	16	15	14	11	10	9	8	8	7	11	10	9	9	9	9
	#5	1.625	28	24	22	20	18	17	14	12	11	10	9	9	14	12	12	12	12	12
	#6	1.750	33	29	26	24	22	20	17	15	13	12	11	10	17	15	14	14	14	14
	#7	1.875	48	42	38	34	32	29	20	17	15	14	13	12	20	17	16	16	16	16
	#8	2.000	55	48	43	39	36	33	22	19	17	16	15	14	22	19	18	18	18	18
	#9	2.250	62	54	48	44	41	37	25	22	20	18	17	15	25	22	21	21	21	21
80	#10	2.500	93	81	72	66	61	56	38	33	29	27	25	23	38	33	31	31	31	31
	#11	2.750	103	90	80	73	68	62	42	36	32	30	27	25	42	36	34	34	34	34

LAP SPLICE NOTES:

1. TABULATED VALUES ARE PER ACI 318-19 REQUIREMENTS FOR NORMAN WEIGHT CONCRETE. THE VALUES ON THIS SHEET DO NOT APPLY TO LIGHTWEIGHT CONCRETE.
2. SEE TYPICAL DETAILS FOR CLEAR COVER.
3. MINIMUM BAR SPACING DIAGRAM - "S"



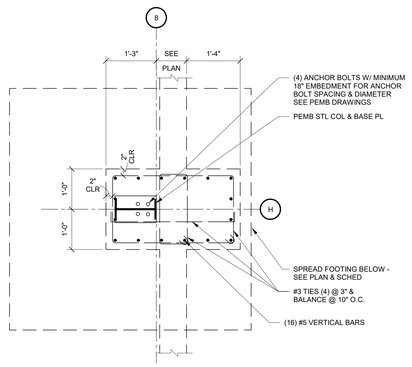
4. WHERE ACTUAL CONDITIONS DIFFER FROM THE CLEAR COVER SHOWN ON THE TYPICAL DETAILS OR DIFFER FROM PROVIDED SCHEDULED BAR SIZE, MINIMUM SPACING AND/OR f'c, LENGTHS SHALL BE ADJUSTED ONLY WITH THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.
5. TABULATED VALUES ARE FOR NON-EPOXY COATED REINFORCEMENT. FOR EPOXY COATED REINFORCEMENT MULTIPLY VALUES BY 1.3 FOR "TOP BARS" AND 1.5 FOR ALL OTHER REINFORCEMENT
6. WHERE BARS OF DIFFERENT SIZES ARE LAP SPLICED IN TENSION, THE LAP LENGTH SHALL BE THE TENSION LAP SPLICE LENGTH (LTS) OF THE SMALLER BAR.
7. WHERE BARS OF DIFFERENT SIZES ARE LAP SPLICED IN COMPRESSION, THE COMPRESSION LAP LENGTH (LCS) SHALL BE THE LARGER OF THE COMPRESSION DEVELOPMENT LENGTH (Ldc) OF THE LARGER BAR OR THE COMPRESSION LAP SPLICE LENGTH OF THE SMALLER BAR.
8. "TOP BARS" ARE DEFINED PER ACI HORIZONTAL REINFORCEMENT SO PLACED THAT MORE THAN 12" OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE DEVELOPMENT LENGTH OR SPLICE. "OTHER BARS ARE ALL BARS FOR WHICH THIS DOES NOT APPLY".
9. FOUNDATION WALL LAP SPLICES ARE BASED ON A MINIMUM 1 1/2" CLEAR COVER. IF CLEAR COVER IS REDUCED ON INTERIOR FACE, LAP SPLICES MUST BE REVISED.

SLAB/SLAB-ON-GRADE REINFORCEMENT LAP SPLICE LENGTH SCHEDULE (INCHES)

GRADE	BAR SIZE	MIN BAR SPACING (INCHES)	TENSION (LTS)					
			f'c = 3 KSI	f'c = 4 KSI	f'c = 5 KSI	f'c = 6 KSI	f'c = 7 KSI	f'c = 8.5 KSI
60	#3	1.750	22	19	17	16	14	13
	#4	1.875	29	25	23	21	19	17
	#5	2.000	36	31	28	26	24	22
	#6	2.250	43	37	34	31	28	26
	#7	2.625	94	81	73	67	62	56
	#8	3.000	107	93	83	76	70	64

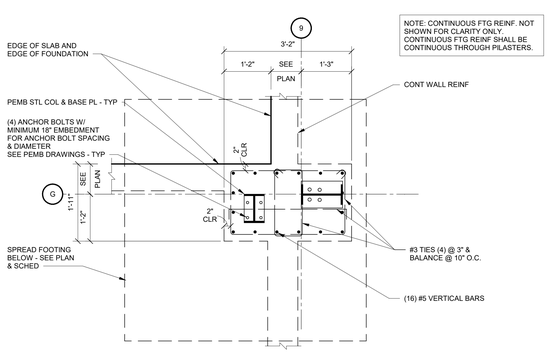
FOOTING/MAT REINFORCEMENT LAP SPLICE LENGTH SCHEDULE (INCHES)

GRADE	BAR SIZE	MIN BAR SPACING (INCHES)	TENSION (LTS)											
			f'c = 3 KSI		f'c = 4 KSI		f'c = 5 KSI		f'c = 6 KSI		f'c = 7 KSI		f'c = 8.5 KSI	
			TOP BARS	OTHER	TOP BARS	OTHER	TOP BARS	OTHER	TOP BARS	OTHER	TOP BARS	OTHER	TOP BARS	OTHER
60	#4	1.875	38	29	33	25	29	23	27	21	25	19	22	17
	#5	2.000	47	36	41	31	36	28	33	26	31	24	28	22
	#6	2.250	56	43	49	37	44	34	40	31	37	28	33	26
	#7	2.625	81	63	71	54	63	49	58	45	54	41	49	38
	#8	3.000	93	72	81	62	72	56	66	51	61	47	55	43
	#9	3.375	105	81	91	70	81	63	74	57	69	53	63	48
80	#10	3.750	157	121	136	105	122	94	111	86	103	79	94	72
	#11	4.125	175	134	151	116	135	104	124	95	114	88	104	80



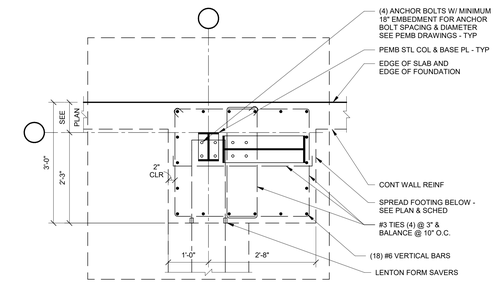
11

PILASTER PR-10



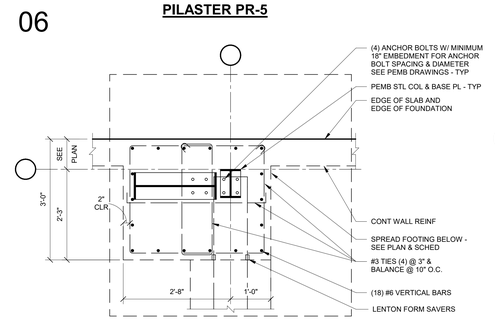
12

PILASTER PR-11



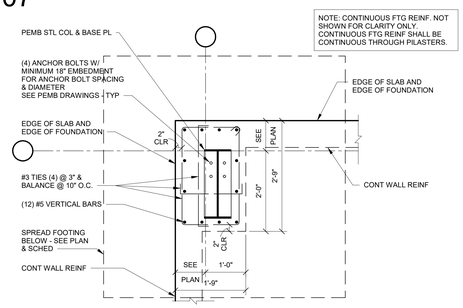
06

PILASTER PR-5



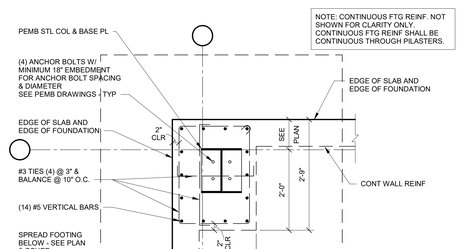
07

PILASTER PR-6



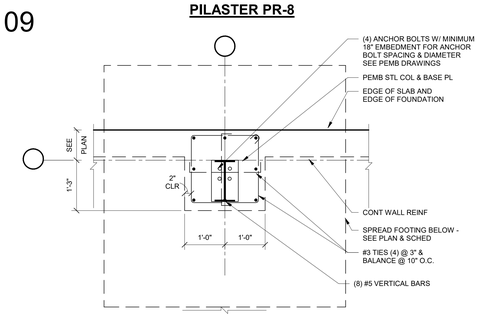
08

PILASTER PR-7



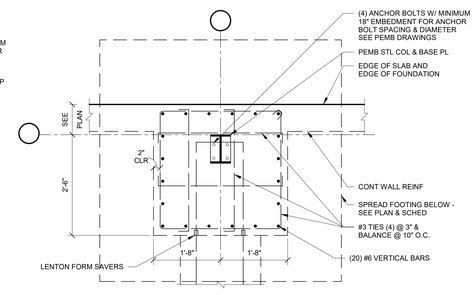
09

PILASTER PR-8



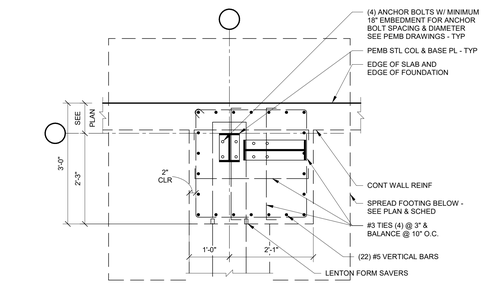
10

PILASTER PR-9



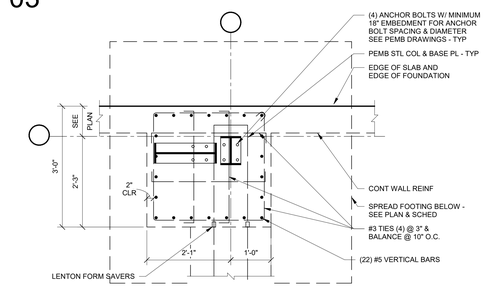
02

PILASTER PR-1



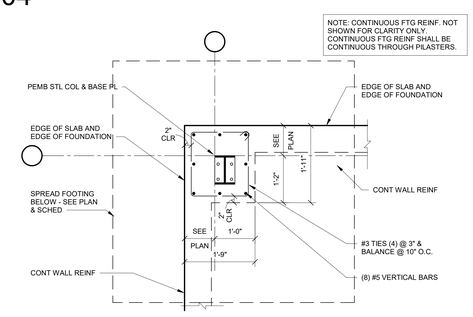
03

PILASTER PR-2



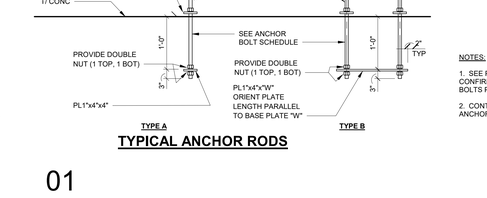
04

PILASTER PR-3



05

PILASTER PR-4



TYPICAL ANCHOR RODS

01

ANCHOR BOLT SCHEDULE	
ANCHORS	TYPE
(6) 1" DIAM	B
(4) 5/8" DIAM	A

NOTES:

1. SEE PRE-ENGINEERED METAL BUILDING DRAWINGS TO CONFIRM ANCHOR BOLT DIAMETERS, NUMBER OF ANCHOR BOLTS PER COLUMN, AND ANCHOR BOLT SPACING
2. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF ANCHOR BOLTS PRIOR TO CONSTRUCTION.

NOTE: DETAILS SHOWN ON THIS SHEET ARE APPLICABLE THROUGHOUT THE DESIGN DRAWINGS. THESE DETAILS ARE DEFINED AS GENERAL STANDARDS THAT ARE USUALLY NOT IDENTIFIED BY SPECIFIC REFERENCE WITHIN THE DRAWINGS. THESE DETAILS MAY BE MODIFIED OR SUPERSEDED BBY SPECIFIC DETAILS THAT ARE REFERENCED WITHIN THE DRAWINGS.

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

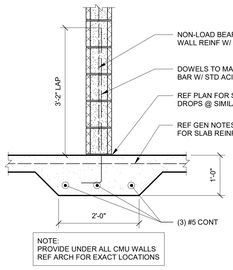
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO.	2613
STATUS	BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE	10/22/2026
DRAWN BY	RLG

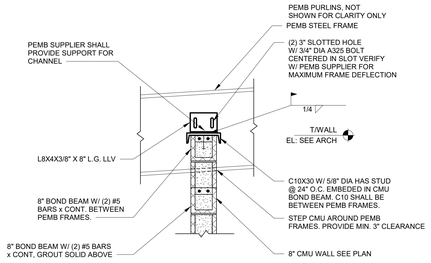
TYPICAL DETAILS - FOUNDATION DETAILS **S301**



NOTE:
PROVIDE UNDER ALL CMU WALLS
REF ARCH FOR EXACT LOCATIONS

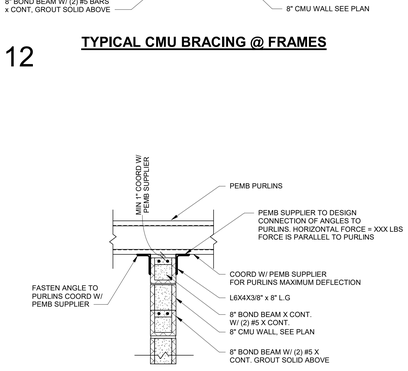
THICKENED SLAB AT CMU WALLS

11



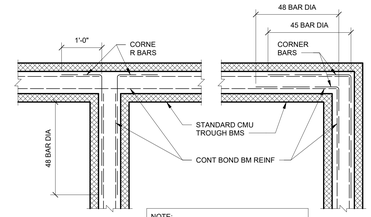
TYPICAL CMU BRACING @ FRAMES

12



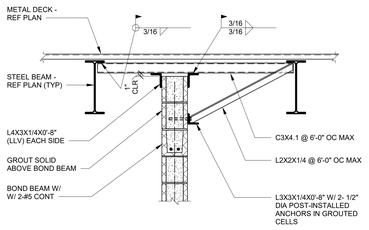
TYPICAL CMU BRACING @ PURLINS

13

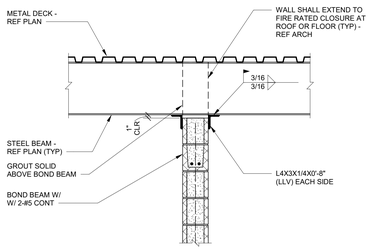


NOTE:
PROVIDE CORNER BARS OF SAME SIZE AND NUMBER AS BOND BEAM REINFORCEMENT AT JOINT REINFORCEMENT (NOT SHOWN), PROVIDE PRE-FABRICATED T AND L SHAPES

9



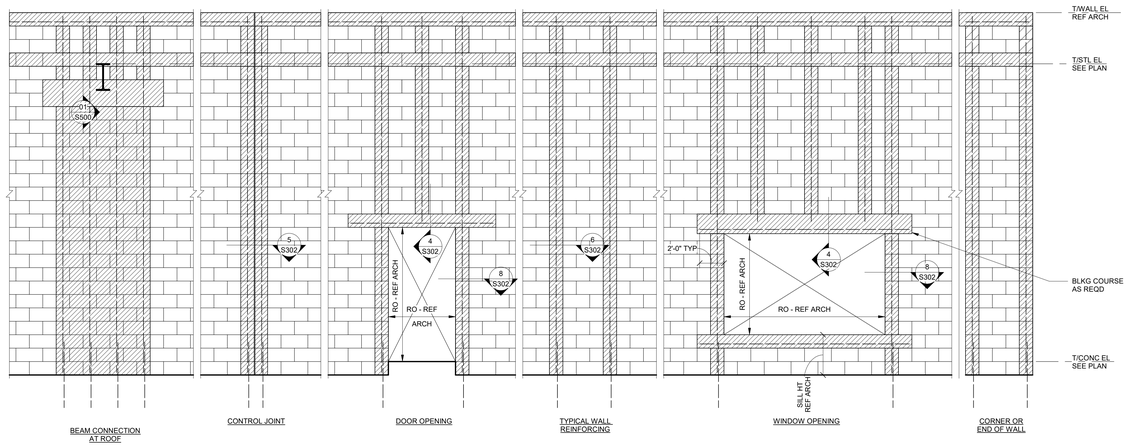
FULL-HEIGHT WALL BETWEEN BEAM / JOIST



FULL-HEIGHT WALL PERPENDICULAR TO BEAM / JOIST

TYP CMU WALLTOP BRACING AT STEEL FRAMING

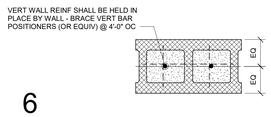
10



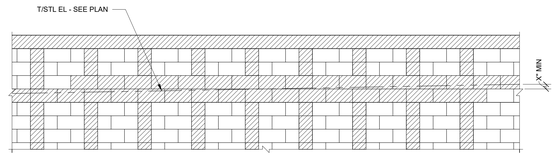
TYPICAL CMU WALL ELEVATION

01

NOTE:
1. ▨ - DENOTES CELLS TO BE GROUTED SOLID

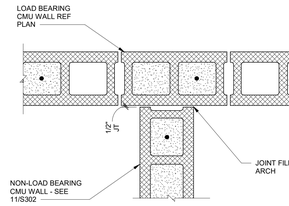


6

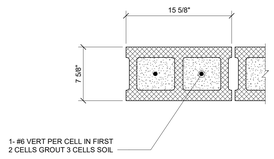


BOND BEAM AT SLOPED ROOF

2



7



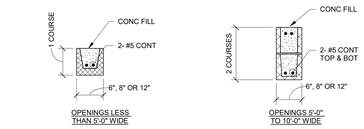
8

DETAIL "B" AT DOOR JAMB



3

BOND BEAM AT RIDGE

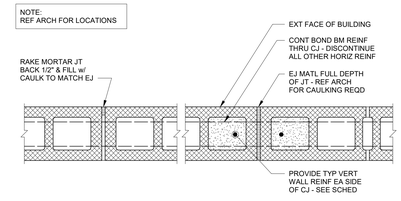


NOTE:
PROVIDE BLOCK LINTELS FOR ALL OPENINGS IN INTERIOR BLOCK PARTITIONS AND IN EXTERIOR BLOCK WALLS FOR WHICH STEEL LINTELS ARE NOT SCHEDULED SEE ARCHITECTURAL FOR SIZE AND LOCATION OF OPENING
PROVIDE 8" MINIMUM BEARING EACH END

4

TYPICAL CMU BLOCK LINTELS

NOTE:
REF ARCH FOR LOCATIONS



5 **BLOCK REVEAL** **BLOCK CONTROL JOINT**

NOTE: DETAILS SHOWN ON THIS SHEET ARE APPLICABLE THROUGHOUT THE DESIGN DRAWINGS. THESE DETAILS ARE DEFINED AS GENERAL STANDARDS THAT ARE USUALLY NOT IDENTIFIED BY SPECIFIC REFERENCE WITHIN THE DRAWINGS. THESE DETAILS MAY BE MODIFIED OR SUPERSEDED BBY SPECIFIC DETAILS THAT ARE REFERENCED WITHIN THE DRAWINGS.

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

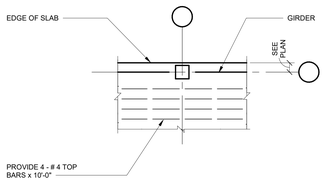
Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY RLG

TYPICAL DETAILS - CMU WALLS **S302**

DECK OPENINGS AND HOLES

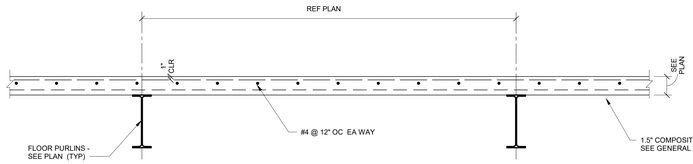
1. CONTRACTOR SHALL COMPLY WITH OSHA REGULATIONS. INSTALL DECK, FORM OR CUT HOLES AND OPENINGS, AND PROVIDE PROTECTIVE COVERING AND/OR RAILS AS REQUIRED, IN STRICT COMPLIANCE WITH OSHA.
2. DECK HOLES REFERS TO GAPS IN THE DECK MORE THAN 2" IN THE LEAST DIMENSION AND LESS THAN 12" IN THE GREATEST DIMENSION. DECK OPENINGS REFERS TO GAPS 12" OR MORE IN THE LEAST DIMENSION.
3. PROVIDE SPECIAL REINFORCING AROUND DECK HOLES AND OPENINGS AS SHOWN IN DETAILS 12.THRU 16/S303, REGARDLESS OF METHOD OF HOLE INSTALLATION (CORING VS. FORMING).
4. ROUND DECK HOLES, LESS THAN 12" IN DIAMETER, MAY BE CORE DRILLED AFTER PLACEMENT OF CONCRETE. CONTRACTOR SHALL COORDINATE PLACEMENT OF HOLE TO PREVENT CUTTING OF STRUCTURAL FRAMING.
5. ROUND DECK HOLES OF ANY SIZE MAY BE FORMED PRIOR TO POURING CONCRETE. ALL RECTANGULAR DECK HOLES SHALL BE FORMED PRIOR TO POURING CONCRETE. PROVIDE AND INSTALL FORM AND CELL CLOSURES ABOVE THE DECK ALLOWING DECK TO RUN CONTINUOUS THROUGH THE HOLE. NEATLY CUT THE METAL DECK FROM THE HOLE IMMEDIATELY PRIOR TO INSTALLATION OF EQUIPMENT. DO NOT DAMAGE METAL DECK BEYOND THE EDGE OF HOLE.
6. SMALL RECTANGULAR DECK OPENINGS SHALL BE FORMED PRIOR TO POURING CONCRETE SIMILAR TO RECTANGULAR DECK HOLES NOTED ABOVE.
7. LARGE FLOOR OPENINGS SHALL BE FRAMED WITH SUPPORTING STEEL AND EDGE ANGLES AS INDICATED IN DETAIL 15/S303. STAIRS, ELEVATORS AND LARGE MECHANICAL CHASES FALL IN THIS CATEGORY. THE CONTRACTOR SHALL PROVIDE PROTECTIVE COVER AND/OR RAILINGS AS REQUIRED BY OSHA.



PLAN

TYPICAL SLAB REINFORCEMENT AT COLUMNS ALONG SLAB EDGE

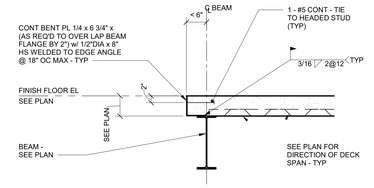
11



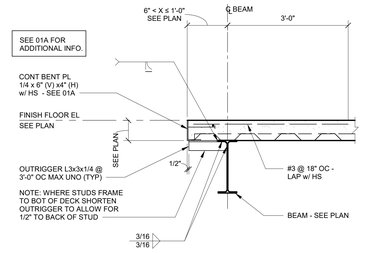
NOTE:
LAP REBAR 2'-0" MIN AS REQ'D

TYP SLAB REINFORCEMENT OVER PURLINS

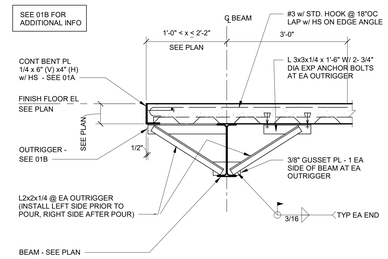
04



'A' TYPICAL SLAB EDGE

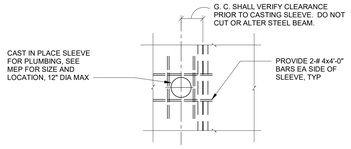


'B' TYPICAL SLAB EDGE

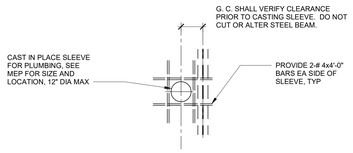


'C' TYPICAL SLAB EDGE

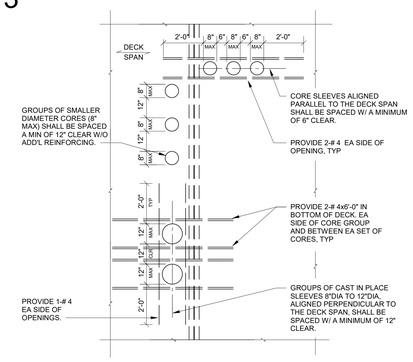
01



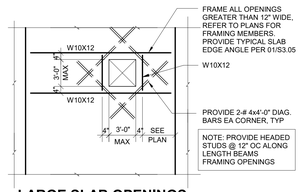
12 **SINGLE ISOLATED ROUND CORE FOR PLUMBING**



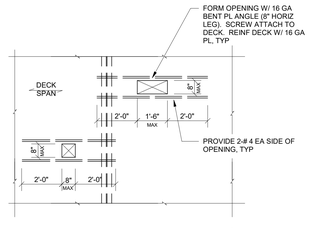
13 **SINGLE ISOLATED ROUND SLEEVE FOR PLUMBING**



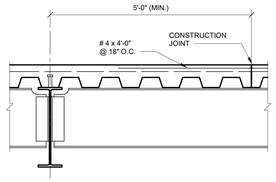
14 **SLEEVE GROUPINGS FOR PLUMBING**



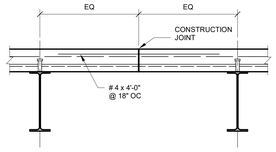
15 **LARGE SLAB OPENINGS**



16 **SMALL RECTANGULAR SLAB OPENINGS**

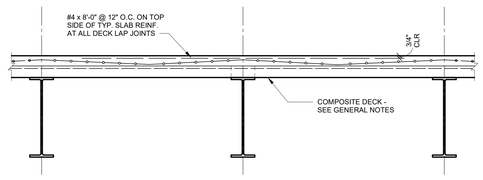


CONSTRUCTION JOINT PARALLEL TO DECK SPAN

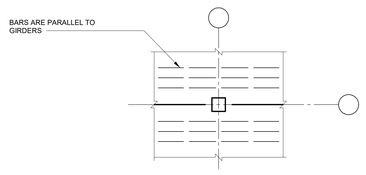


CONSTRUCTION JOINT PERPENDICULAR TO DECK SPAN

08

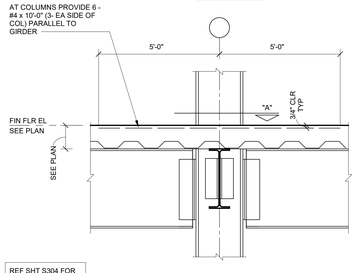


09 **ADDITIONAL REINFORCING AT DECK LAP JOINTS**



NOTE:
PERPENDICULAR REINFORCING OVER GIRDERS NOT SHOWN FOR CLARITY

"A" PLAN

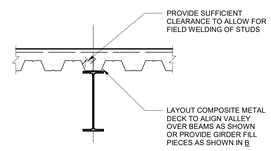


REF SHT S304 FOR TYP BEAM TO BEAM CONNX DETAILS

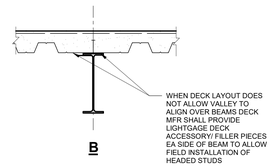
SECTION

TYPICAL SLAB REINFORCEMENT AT INTERIOR COLUMNS

10



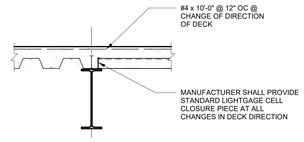
A



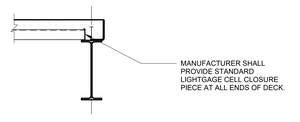
B

TYPICAL DECK LAYOUT

05



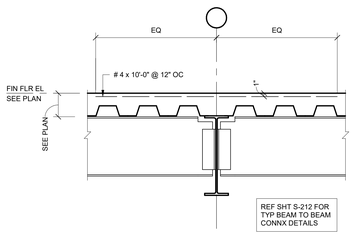
A



B

TYPICAL DECK CLOSURE

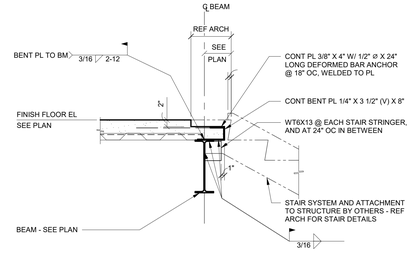
06



REF SHT S-212 FOR TYP BEAM TO BEAM CONNX DETAILS

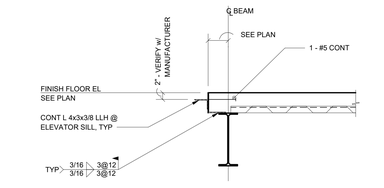
TYPICAL SLAB REINFORCEMENT OVER ALL GIRDERS

07



TYP SLAB EDGE @ STAIR

02



TYPICAL ELEVATOR SILL

03

NOTE: DETAILS SHOWN ON THIS SHEET ARE APPLICABLE THROUGHOUT THE DESIGN DRAWINGS. THESE DETAILS ARE DEFINED AS GENERAL STANDARDS THAT ARE USUALLY NOT IDENTIFIED BY SPECIFIC REFERENCE WITHIN THE DRAWINGS. THESE DETAILS MAY BE MODIFIED OR SUPERSEDED BBY SPECIFIC DETAILS THAT ARE REFERENCED WITHIN THE DRAWINGS.

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

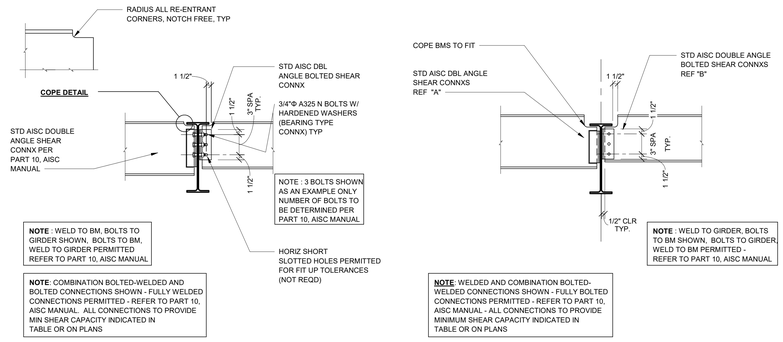
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

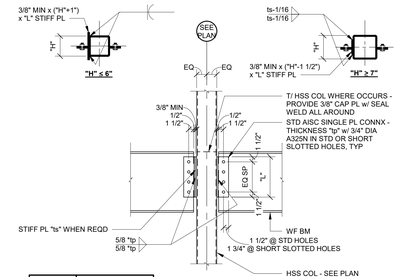
PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY RLG

TYPICAL DETAILS - COMPOSITE SLAB **S303**



02

TYPICAL BEAM TO BEAM FRAMING CONNECTIONS



HSS WALL THICKNESS	MAX SINGLE PL CONNX THICKNESS
1/4"	3/8"
5/16"	7/16"
3/8"	1/2"
1/2"	5/8"
5/8"	5/8"

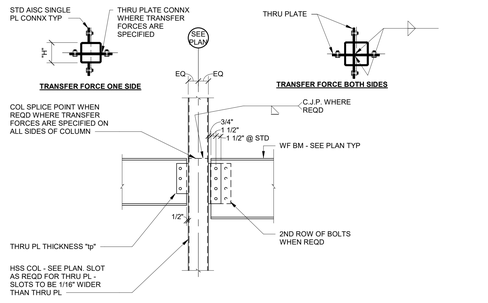
TYPICAL GRAVITY SINGLE PL CONNX TO HSS COL

1. PLATE MATERIAL TO BE A36

2. WHERE CONNECTION PLATE THICKNESS EXCEEDS REQUIREMENT OF TABLE ABOVE, PROVIDE STIFFENER PLATE. STIFF PL THICKNESS "ts" SHALL BE MIN 3/8" OR THICKNESS OF SINGLE PLATE.

3. PERPENDICULAR FRAMING NOT SHOWN FOR CLARITY

06



TYPICAL LATERAL SINGLE PL CONNX TO HSS COL

NOTES:

1. REF PLAN FOR SPECIFIED TRANSFER FORCES (TF) AND DIRECTION

2. USE SLIP CRITICAL BOLTS WHERE SHORT SLOTTED HOLES ARE PROVIDED

3. FOR INFO NOT NOTED - SEE DETAIL 06/S-212
4. PERPENDICULAR FRAMING NOT SHOWN FOR CLARITY

07

NOTE: DETAILS SHOWN ON THIS SHEET ARE APPLICABLE THROUGHOUT THE DESIGN DRAWINGS. THESE DETAILS ARE DEFINED AS GENERAL STANDARDS THAT ARE USUALLY NOT IDENTIFIED BY SPECIFIC REFERENCE WITHIN THE DRAWINGS. THESE DETAILS MAY BE MODIFIED OR SUPERSEDED BBY SPECIFIC DETAILS THAT ARE REFERENCED WITHIN THE DRAWINGS.

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

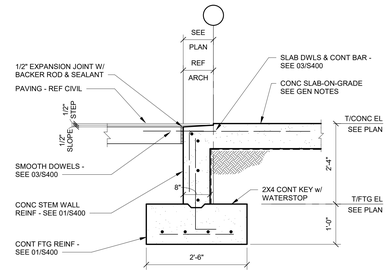
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

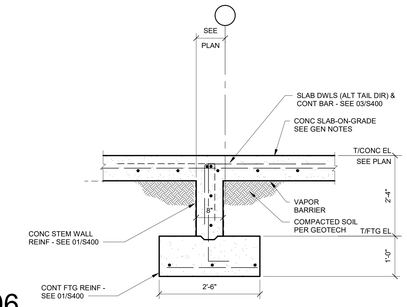
Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY RLG

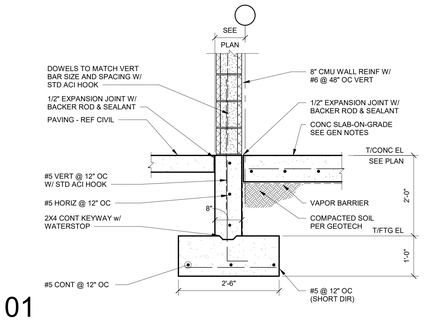
TYPICAL DETAILS - STRUCTURAL STEEL **S304**



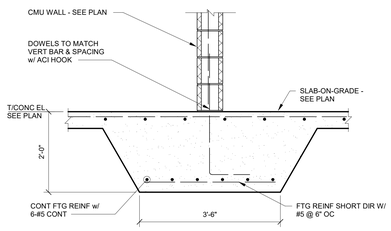
10



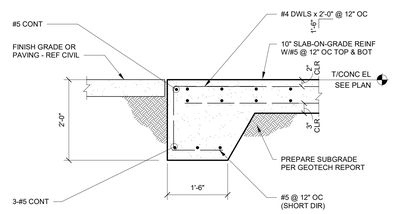
06



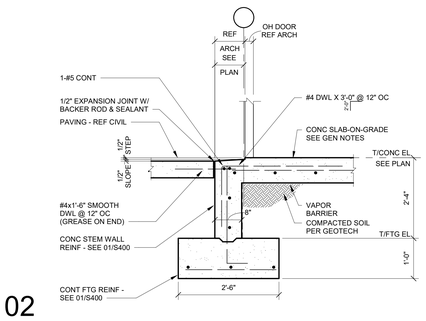
01



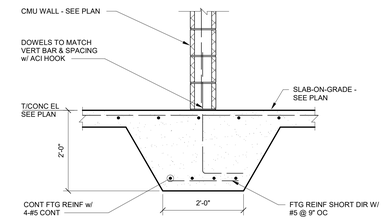
11



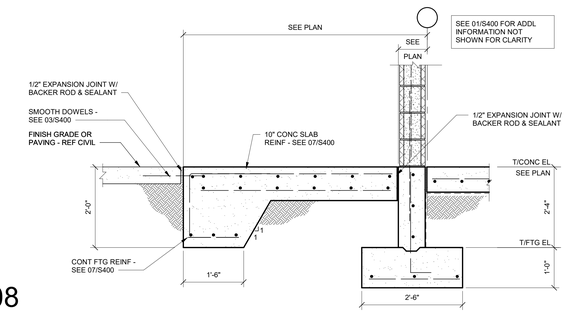
07



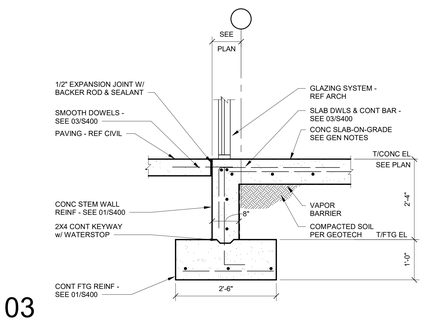
02



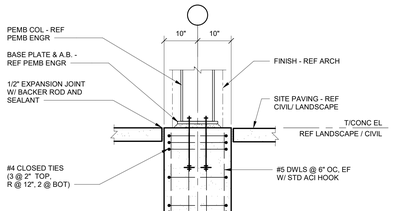
12



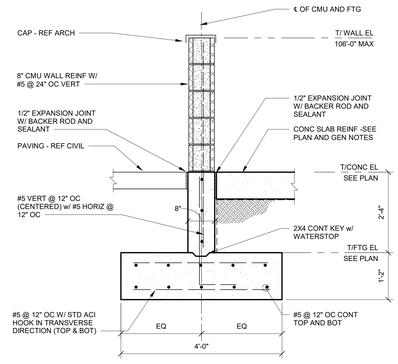
08



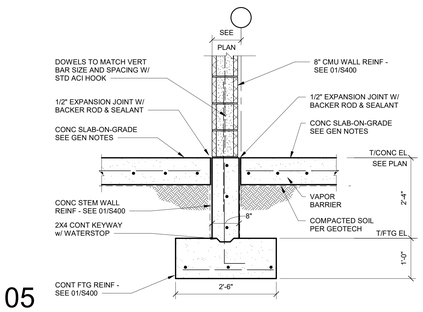
03



13



09



05

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

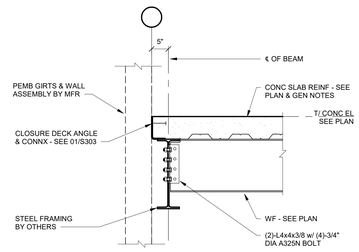
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

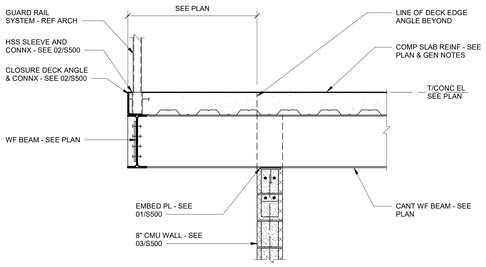
Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY RLG

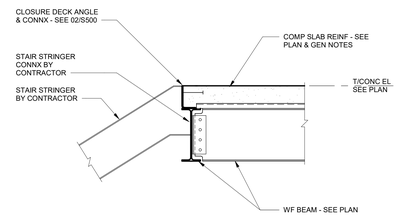
FOUNDATION DETAILS S400



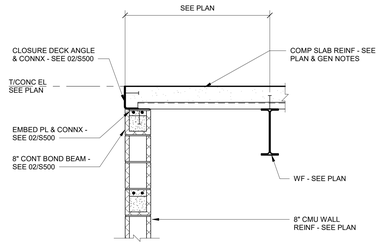
11



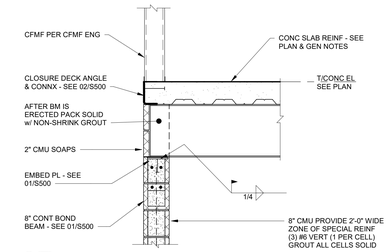
12



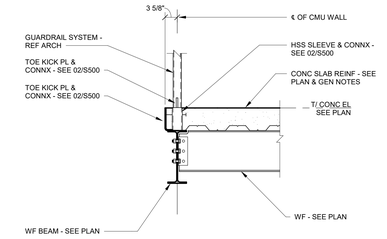
13



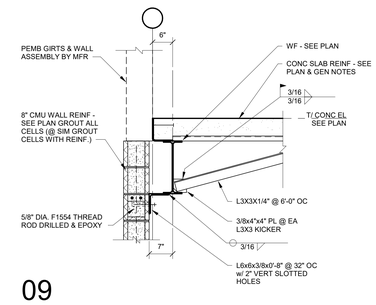
06



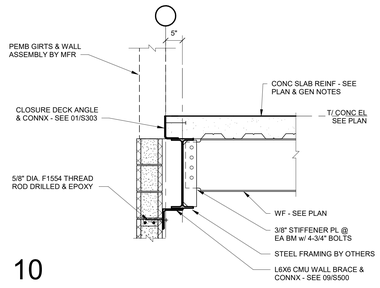
07



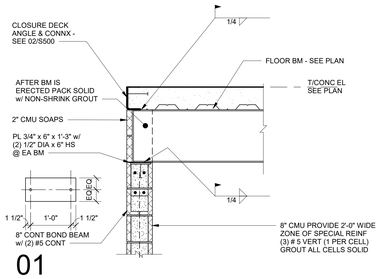
08



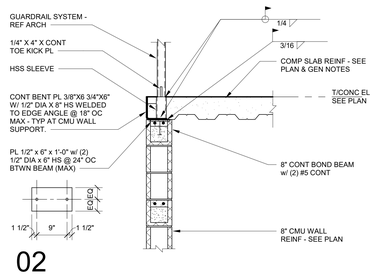
09



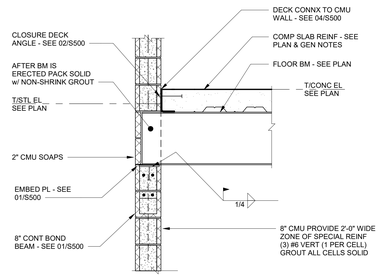
10



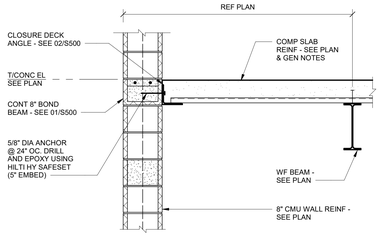
01



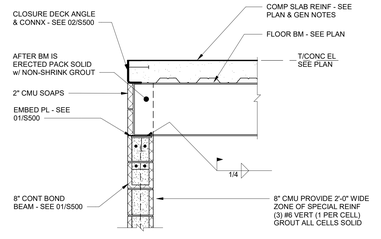
02



03



04



05

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

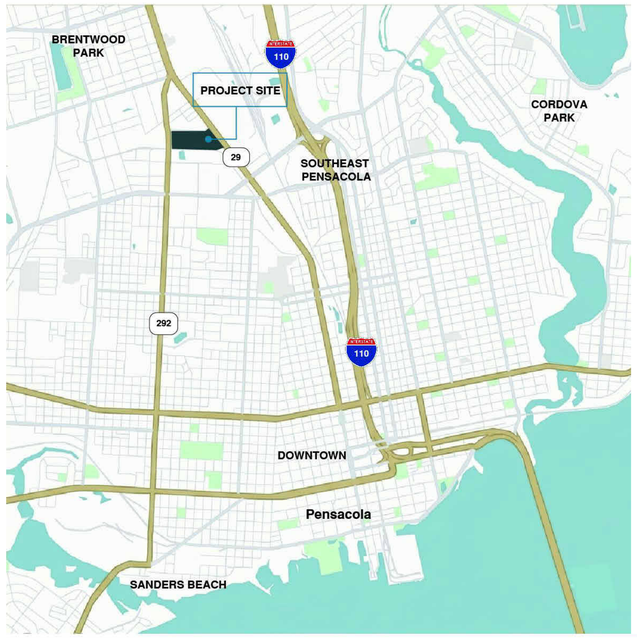
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

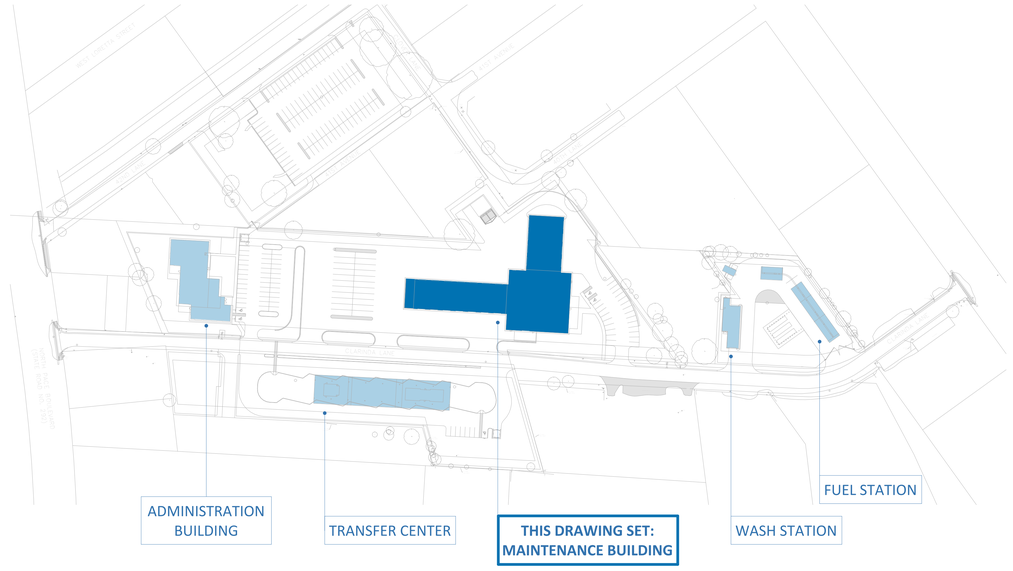
OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY RLG

FRAMING DETAILS S500





SITE LOCATION PLAN

PROJECT PLAN NOTES

VALUE	DESCRIPTION

SHELL ABBREVIATIONS

GENERAL

A/C	Air Conditioning
APPROX	Approximate
ARCH	Architectural
BLDG	Building
BM	Beam
BOT	Bottom
BSMT	Basement
CL	Centerline
CLG	Ceiling
CONC	Concrete
CONST	Construction
CONTR	Contractor
CTR	Center
DET	Detail
DIM	Dimension
DN	Down
E	East
E.O.S.	Edge of Slab
EL	Elevation
ENCL	Enclosure
EXST	Existing
EXP	Expansion
FC	Fiber Cement
F.G.	Finish Grade
FIN	Finish
F.O.C.	Face of Concrete
F.O.F.	Face of Finish
F.O.M.	Face of Masonry
F.O.S.	Face of Stud
FR	Frame
FS	Full Size
FT	Foot or Feet
FUT	Future
GA	Gauge
GALV	Galvanized
GD	Grade
GND	Ground
G.B.	Gypsum Board
H.B.	Hose Bib
H.C.	Hollow Core
HCP	Handicapped
HORIZ	Horizontal
HR	Hour
HT	Height
H.W.	Hot Water
HVAC	Heating, Ventilation and Cooling
I.D.	Inside Diameter
INCL	Including
JNT	Joint
JST	Joist
L.H.	Left Hand
LT	Light
MATL	Material
MAX	Maximum
MECH	Mechanical
MET	Metal
MFR	Manufacturer
MH	Manhole
MIN	Minimum
MISC	Miscellaneous
MTD	Mounted
N	North
N.I.C.	Not in Contract
NO	Number
NOM	Nominal
S	South
S.A.D.	See Architectural Drawings
S.S.	Stainless Steel
S.S.D.	See Structural Drawings
STD	Standard
STRUCT	Structural
SYM	Symmetrical
SUSP	Suspended
T	Tread
THK	Thick or Thickness
T.O.C.	Top of Curb
T.O.D.	Top of Drain
T.O.T.	Top of Truss
T.O.W.	Top of Wall
TYP	Typical
U.O.N.	Unless Otherwise Noted
UNF	Unfinished
VERT	Vertical
V.I.F.	Verify in Field
W	West
W/	With
W/O	Without

EXTERIOR WALLS

AB	Anchor Bolt
AVB	Air/Vapor Barrier
CI	Continuous Insulation
CMU	Concrete Masonry Unit
FDN	Foundation
FTG	Footing
MB	Metal Backup
SFRM	Spray-Applied Fire-Resistant Material
SHT	Sheathing
WRB	Weather-Resistant Barrier

CLADDING & FINISHES

ACC	Architectural Concrete Cladding
ACM	Aluminum Composite Material
AL PN	Aluminum Panel
ANOD	Anodized
ASPH	Asphalt
BRK	Brick
FCB	Fiber Cement Board
FCP	Fiber Cement Panel
EIFS	Exterior Insulation and Finish System
GRFC	Glass Fiber Reinforced Concrete
MCM	Metal Composite Material
PCP	Precast Concrete Panel
T&G	Tongue and Groove
TRM	Trim
VDL	Vertical Drip Leg
WD SLP	Wood Siding, Lap

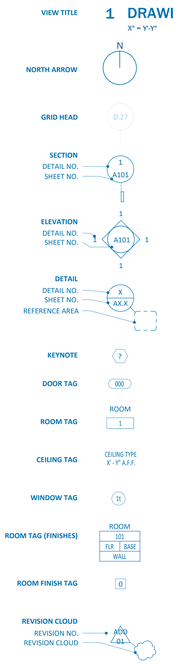
OPENINGS

ALUM	Aluminum
CLR	Clear (glass or opening)
FIX	Fixed (window)
GL	Glass or Glazing
IGU	Insulated Glass Unit
INSUL	Insulation
LVR	Louver
M.O.	Masonry Opening
OH	Overhead (door)
OPNG	Opening
R.O.	Rough Opening
SGU	Single Glass Unit
SL	Sill
WDW	Window

ROOF & DRAINAGE

B.U.R	Built Up Roofing
DS	Downspout
EPDM	Ethylene Propylene Diene Monomer
GUT	Gutter
INS	Insulation
MBR	Membrane
PAR	Parapet
RD	Roof Drain
RFG	Roofing
SCUP	Scupper
T.O.P.	Top of Parapet
TPO	Thermoplastic Polyolefin (membrane)

PLAN SYMBOLS





CONCEPTUAL RENDERING: RENDERING MAY NOT ACCURATELY REFLECT CONSTRUCTION DOCUMENTS - NOT FOR CONSTRUCTION

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

SITE LOCATION PLAN, ABBREVIATIONS, AND SYMBOLS LEGEND G000

PROJECT DATA

PROJECT DESCRIPTION: NEW CONSTRUCTION VEHICLE MAINTENANCE BUILDING

GOVERNING CODES:

2023 FLORIDA BUILDING CODE, EIGHTH EDITION
2023 FLORIDA BUILDING CODE—ACCESSIBILITY, EIGHTH EDITION
2023 FLORIDA BUILDING CODE—ENERGY CONSERVATION, EIGHTH EDITION

REFER TO ENGINEERING DISCIPLINE SHEETS FOR ADDITIONAL CODES.

USE GROUP CLASSIFICATION:

BATTERY STORAGE:	H-2 HIGH HAZARD
BUS GARAGE:	S-1 MODERATE STORAGE
SMALL VEHICLE GARAGE:	S-1 MODERATE STORAGE
FLUID STORAGE / COMPRESSORS:	S-1 MODERATE STORAGE
TIRE STORAGE:	S-1 MODERATE STORAGE
OPEN AREA (SHOP, PARTS, DELIVERIES, MEZZANINE:	S-2 LIGHT STORAGE
ENTRY, BREAK ROOM, LOCKER ROOMS:	B BUSINESS

OCCUPANCY SEPARATION:

NON SEPARATED
S-1
S-2

SEPARATED
H-2
B

CONSTRUCTION CLASSIFICATION: TYPE IIB - NONCOMBUSTILE, UNPROTECTED

NUMBER OF FLOORS: ONE, WITH A MEZZANINE

	ACTUAL	ALLOWABLE
HEIGHT ABOVE GRADE PLANE:	31'	55'
STORIES ABOVE GRADE PLANE:	1	1

AREA OF FLOORS:

	ACTUAL	ALLOWABLE	RATIO
NON SEPARATED			
S-1			
S-1 MEZZANINE	18,210		
S-2	1,265		
	7,250		
SEPARATED	26,725 S.F.	70,000 S.F.	
H-2			
B	525	7,000	0.08
S-1 & S-2	4,515	92,000	0.05
	26,725	70,000	0.38
	31,765 S.F.		.51 < 1 ALLOWABLE

FIRE SUPPRESSION SYSTEM: AUTOMATIC SPRINKLER SYSTEM

FIRE ALARM SYSTEM: YES

CAPACITY OF EXITS:

COMMON PATH:	SEE CODE PLAN
DEAD END CORRIDOR:	SEE CODE PLAN
EXIT ACCESS TRAVEL DISTANCE:	SEE CODE PLAN
SINGLE DOOR CAPACITY (3'-0" TYP):	0.2" PER OCCUPANT (TYP:36"/0.2" = 180 MAX OCCUPANTS)
DOUBLE DOOR CAPACITY (PAIR OF 3'-0", TYP):	0.2" PER OCCUPANT (TYP: 72"/0.2" = 360 MAX OCCUPANTS)

CORRIDOR FIRE RATING: 0 HOURS

USE GROUP CLASSIFICATION LEGEND

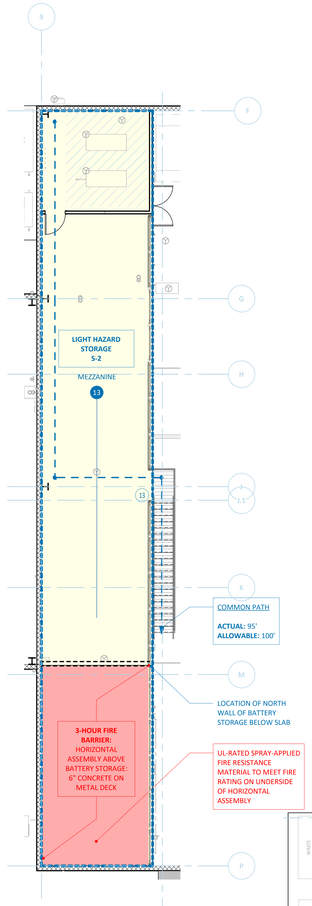
- S-1 MODERATE HAZARD STORAGE
- S-2 LIGHT HAZARD STORAGE
- H-2 HIGH HAZARD STORAGE
- B BUSINESS

LIFE SAFETY LEGEND

- XXX — OCCUPANTS
- XXX — EXITING
- 1 HR FIRE
- 3 HR FIRE
- EXIT
- FEC = FIRE EXTINGUISHER CABINET, SEMI-RECESSED
- FEB = FIRE EXTINGUISHED BRACKET
- FES = FIRE EXTINGUISHER STAND
- FAA = FIRE ALARM ANNUNCIATOR; SURFACE MOUNTED
- KB = KNOX BOX; RECESSED 6FT ABOVE PAVEMENT
- PATH OF TRAVEL
- HORIZONTAL ASSEMBLY

MINIMUM NUMBER OF PLUMBING FIXTURES

	WATER CLOSETS		LAVATORIES		UNISEX		BATHTUBS/ SHOWERS	DRINKING FOUNTAIN	SERVICE SINK
	MALE	FEMALE	MALE	FEMALE	WC	LAVS			
INDUSTRIAL, STORAGE									
OCCUPANTS:	134	134	134	134	0	0	0	1	1
REQUIRED:	2	2	2	2					
BUSINESS									
OCCUPANTS:	31	31	31	31	0	0	0	1	1
REQUIRED:	2	2	1	1					
TOTAL									
PROVIDED:	4	4	3	3	0	0	0	2	2
REQUIRED:	4	4	3	3	0	0	0	2	2



2 PARTIAL MEZZANINE CODE PLAN

1/8" = 1'-0"

1 OVERALL CODE PLAN

1/8" = 1'-0"

N

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

CODE PLAN G001

PROJECT PLAN NOTES

VALUE DESCRIPTION

?

PLAN SYMBOLS

VIEW TITLE — 1 DRAWING TITLE, X" = Y'-Y"

NORTH ARROW — N

GRID HEAD — D.27

SECTION — DETAIL NO. 1, SHEET NO. A101

ELEVATION — DETAIL NO. 1, SHEET NO. A101

DETAIL — DETAIL NO. X, SHEET NO. AX.X, REFERENCE AREA

KEYNOTE — ?

DOOR TAG — 000

ROOM TAG — ROOM, 1

CEILING TAG — CEILING TYPE, X' - Y" A.F.F.

WINDOW TAG — H

ROOM TAG (FINISHES) — ROOM, 101, FLR | BASE, WALL

ROOM FINISH TAG — 0

REVISION CLOUD — REVISION NO. #00, 01

SHELL ABBREVIATIONS

GENERAL

A/C	Air Conditioning
APPROX.	Approximate
ARCH	Architectural
BLDG	Building
BM	Beam
BOT	Bottom
BSMT	Basement
CL	Centerline
CLG	Ceiling
CONC	Concrete
CONST	Construction
CONTR	Contractor
CTR	Center
DET	Detail
DIM	Dimension
DN	Down
E	East
E.O.S.	Edge of Slab
EL	Elevation
ENCL	Enclosure
EXST	Existing
EXP	Expansion
FC	Fiber Cement
F.G.	Finish Grade
FIN	Finish
F.O.C.	Face of Concrete
F.O.F.	Face of Finish
F.O.M.	Face of Masonry
F.O.S.	Face of Stud
FR	Frame
FS	Full Size
FT	Foot or Feet
FUT	Future
GA	Gauge
GALV	Galvanized
GD	Grade
GND	Ground
G.B.	Gypsum Board
H.B.	Hose Bib
H.C.	Hollow Core
HCP	Handicapped
HORIZ	Horizontal
HR	Hour
HT	Height
H.W.	Hot Water
HVAC	Heating, Ventilation and Cooling
I.D.	Inside Diameter
INCL	Including
JNT	Joint
JST	Joist
L.H.	Left Hand
LT	Light
MATL	Material
MAX	Maximum
MECH	Mechanical
MET	Metal
MFR	Manufacturer
MH	Manhole
MIN	Minimum
MISC	Miscellaneous
MTD	Mounted
N	North
N.I.C.	Not in Contract
NO	Number
NOM	Nominal
S	South
S.A.D.	See Architectural Drawings
S.S.	Stainless Steel
S.S.D.	See Structural Drawings
STD	Standard
STRUCT	Structural
SYM	Symmetrical
SUSP	Suspended
T	Tread
THK	Thick or Thickness
T.O.C.	Top of Curb
T.O.D.	Top of Drain
T.O.T.	Top of Truss
T.O.W.	Top of Wall
TYP	Typical
U.O.N.	Unless Otherwise Noted
UNF	Unfinished
VERT	Vertical
V.I.F.	Verify in Field
W	West
W/	With
W/O	Without

EXTERIOR WALLS

AB	Anchor Bolt
AVB	Air/Vapor Barrier
CI	Continuous Insulation
CMU	Concrete Masonry Unit
FDN	Foundation
FTG	Footing
MB	Metal Backup
SFRM	Spray-Applied Fire-Resistant Material
SHT	Sheathing
WRB	Weather-Resistant Barrier

CLADDING & FINISHES

ACC	Architectural Concrete Cladding
ACM	Aluminum Composite Material
AL PN	Aluminum Panel
ANOD	Anodized
ASPH	Asphalt
BRK	Brick
FCB	Fiber Cement Board
FCP	Fiber Cement Panel
EIFS	Exterior Insulation and Finish System
GRFC	Glass Fiber Reinforced Concrete
MCM	Metal Composite Material
PCP	Precast Concrete Panel
T&G	Tongue and Groove
TRM	Trim
VDL	Vertical Drip Leg
WD SLP	Wood Siding, Lap

OPENINGS

ALUM	Aluminum
CLR	Clear (glass or opening)
FIX	Fixed (window)
GL	Glass or Glazing
IGU	Insulated Glass Unit
INSUL	Insulation
LVR	Louver
M.O.	Masonry Opening
OH	Overhead (door)
OPNG	Opening
R.O.	Rough Opening
SGU	Single Glass Unit
SL	Sill
WDW	Window

ROOF & DRAINAGE

B.U.I.R	Built Up Roofing
DS	Downspout
EPDM	Ethylene Propylene Diene Monomer
GUT	Gutter
INS	Insulation
MBR	Membrane
PAR	Parapet
RD	Roof Drain
RFG	Roofing
SCUP	Scupper
T.O.P.	Top of Parapet
TPO	Thermoplastic Polyolefin (membrane)

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

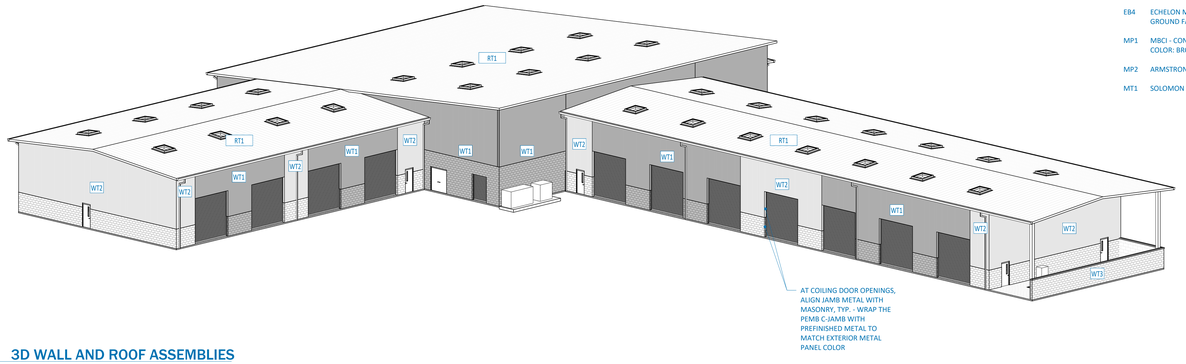
Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

OVERALL KEYNOTE SCHEDULES AND GENERAL NOTES X000

EXTERIOR FINISH SCHEDULE

EB1	ECHELON MASONRY - STANDARD MASONRY - TRENWYTH HIGH POLISH GROUND FACE BRICK - SIZE: 8" X 12" X 16" - COLOR: 5108 (DARK)
EB2	ECHELON MASONRY - STANDARD MASONRY - TRENWYTH HIGH POLISH GROUND FACE BRICK - SIZE: 8" X 12" X 16" - COLOR: 5301 (LIGHT)
EB3	ECHELON MASONRY - STANDARD MASONRY - TRENWYTH HIGH POLISH GROUND FACE BRICK - SIZE: 8" X 8" X 16" - COLOR: 5301 (LIGHT)
EB4	ECHELON MASONRY - STANDARD MASONRY - TRENWYTH HIGH POLISH GROUND FACE BRICK - SIZE: 8" X 8" X 16" - COLOR: 5108 (DARK)
MP1	MBCI - CONCEALED FASTENING SYSTEM - FW-120-2 PANEL, 24 GAUGE, SMOOTH - COLOR: BROWNSTONE
MP2	ARMSTRONG WALL & ROOF SYSTEMS - PBU PANEL - COLOR: POLAR WHITE
MT1	SOLOMON COLORS, INC., CONCENTRATED MORTAR - COLOR: 22X TAN

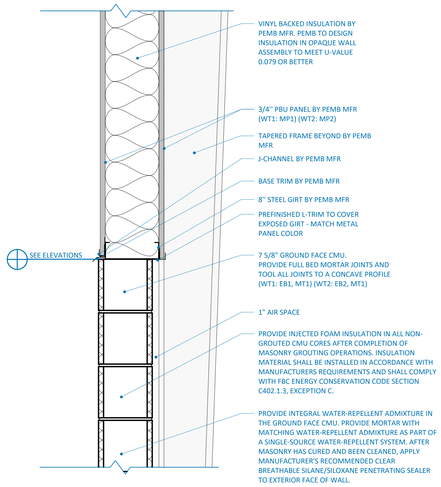


1 3D WALL AND ROOF ASSEMBLIES

EXTERIOR WALL TYPE (WT) ASSEMBLIES

WT1 - PEMB - DARK

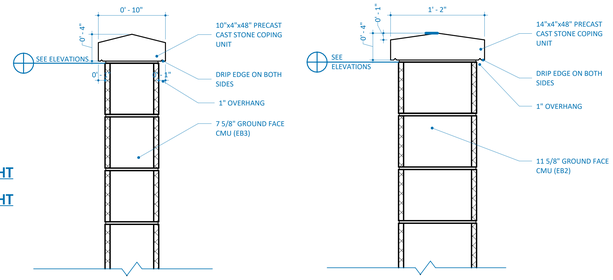
WT2 - PEMB - LIGHT



WT1 - PEMB - DARK
WT2 - PEMB - LIGHT

WT3 - CMU - LIGHT

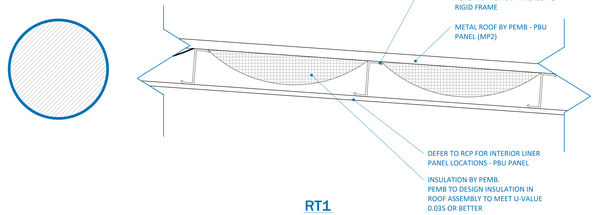
WT4 - CMU - LIGHT



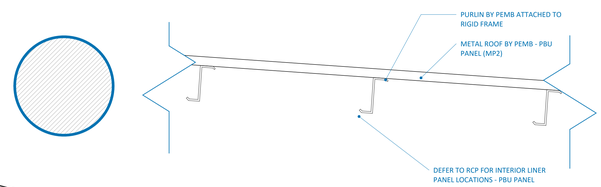
WT3

WT4

ROOF TYPE (RT) ASSEMBLIES



RT1

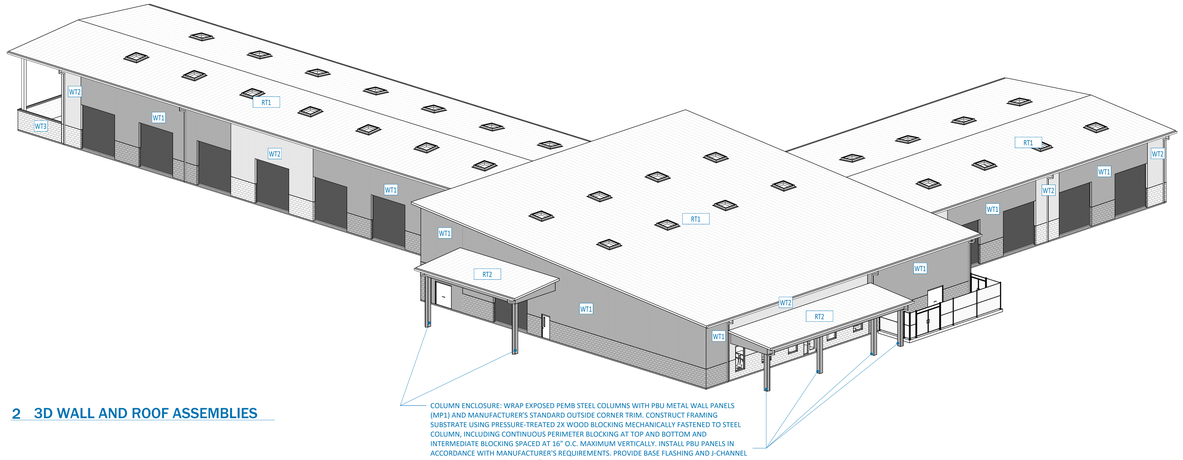


RT2

NOTE:

ALL OF THE FOLLOWING DETAILS TO BE BUILT PER PEMB MFR STANDARD DETAILS

1. ROOF EAVE
2. ROOF RAKE
3. SKYLIGHT
4. OUTSIDE CORNERS
5. INSIDE CORNERS
6. OPENING HEADS
7. OPENING JAMBS
8. OPENING SILLS
9. COLUMN ENCLOSURE



2 3D WALL AND ROOF ASSEMBLIES

5 3D WALL ASSEMBLIES

6 3D WALL ASSEMBLIES

3 3D WALL AND ROOF ASSEMBLIES

4 3D WALL AND ROOF ASSEMBLIES

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

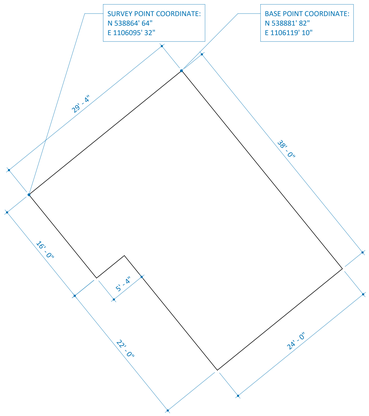
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

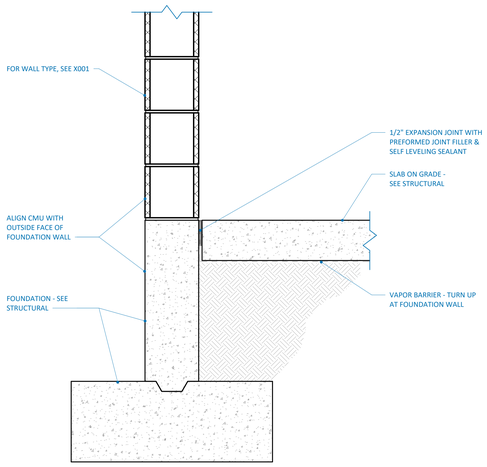
OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

3D VIEWS AND WALL / ROOF ASSEMBLIES X001



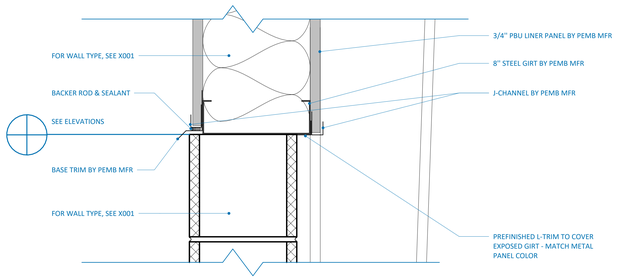


2 TYP FOUNDATION DETAIL

1 1/2" = 1'-0"

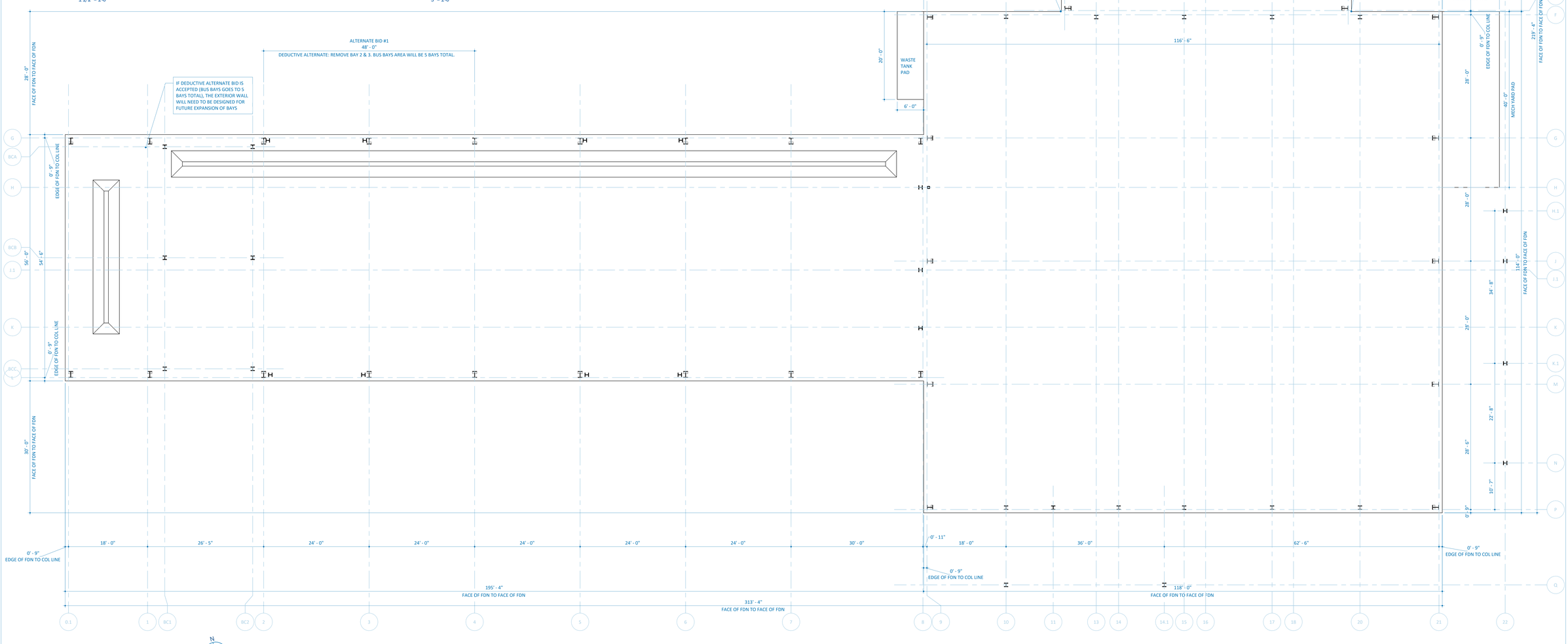
4 GENERATOR ROOM & DUMPSTER LAYOUT PLAN

1/8" = 1'-0"



3 WALL TRANSITION DETAIL

3" = 1'-0"



1 FIRST FLOOR LAYOUT PLAN

1/8" = 1'-0"

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

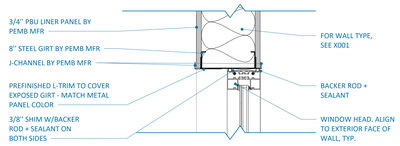
OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

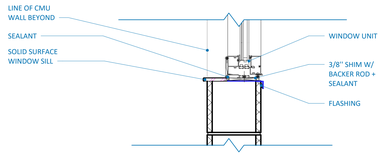
LAYOUT PLAN X002

PROVIDE UNDER SLAB AT VAPOR BARRIER



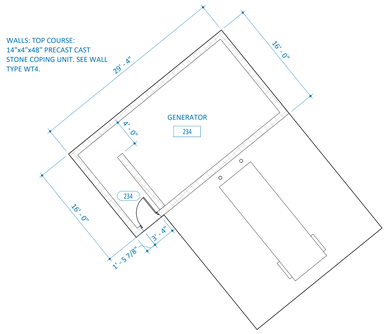
2 DETAIL - WINDOW HEAD

1 1/2" = 1'-0"



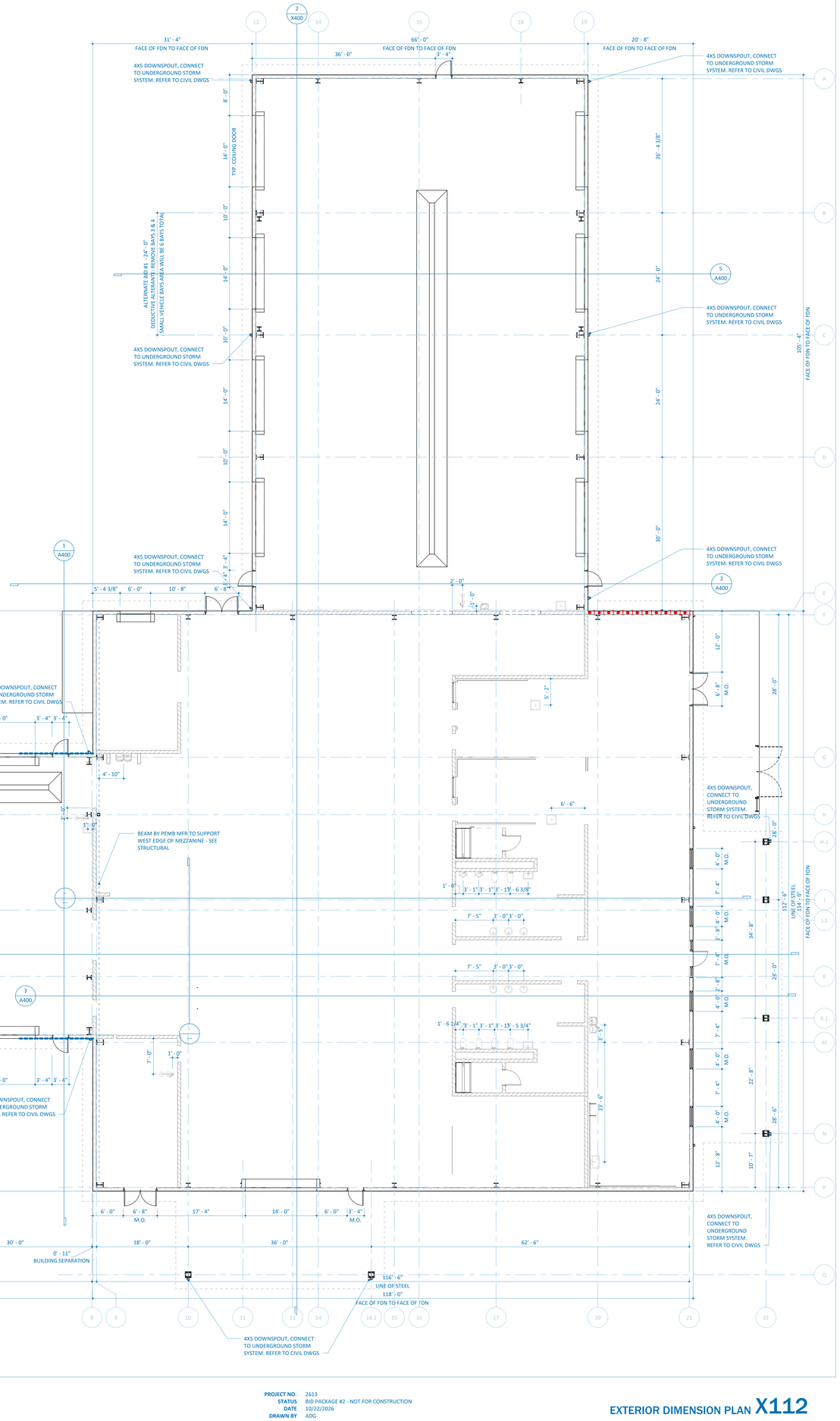
3 DETAIL - WINDOW SILL

1 1/2" = 1'-0"



4 GENERATOR ROOM & DUMPSTER DIMENSION PLAN

1/8" = 1'-0"



1 EXTERIOR DIMENSION PLAN

1/8" = 1'-0"

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO.	2613
STATUS	BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE	10/22/2026
DRAWN BY	ADG

EXTERIOR DIMENSION PLAN X112

ROOF NOTES

1 THE ROOFING CONTRACTOR IS REPSONSIBLE FOR PROVIDING AND INSTALLING MEMBRANE FLASHING AROUND ALL GENERAL, MECHANICAL, ELECTRICAL, AND STRUCTURAL ROOF PENETRATIONS AND CURBS. THE ROOFING CONTRACTOR SHALL VERIFY THE TYPE AND LOCATIONS OF ALL PENETRATIONS WITH EACH DISCIPLINES' CONSTRUCTION DRAWINGS. NOT ALL CURBS AND PENETRATIONS MAY BE SHOWN ON THE ROOF PLAN.

2 SEE SHEETS X112, X300, AND X301 FOR DOWNSPOUT LOCATIONS. ALL DOWNSPOUTS SHALL CONNECT TO UNDERGROUND STORM - SEE CIVIL.

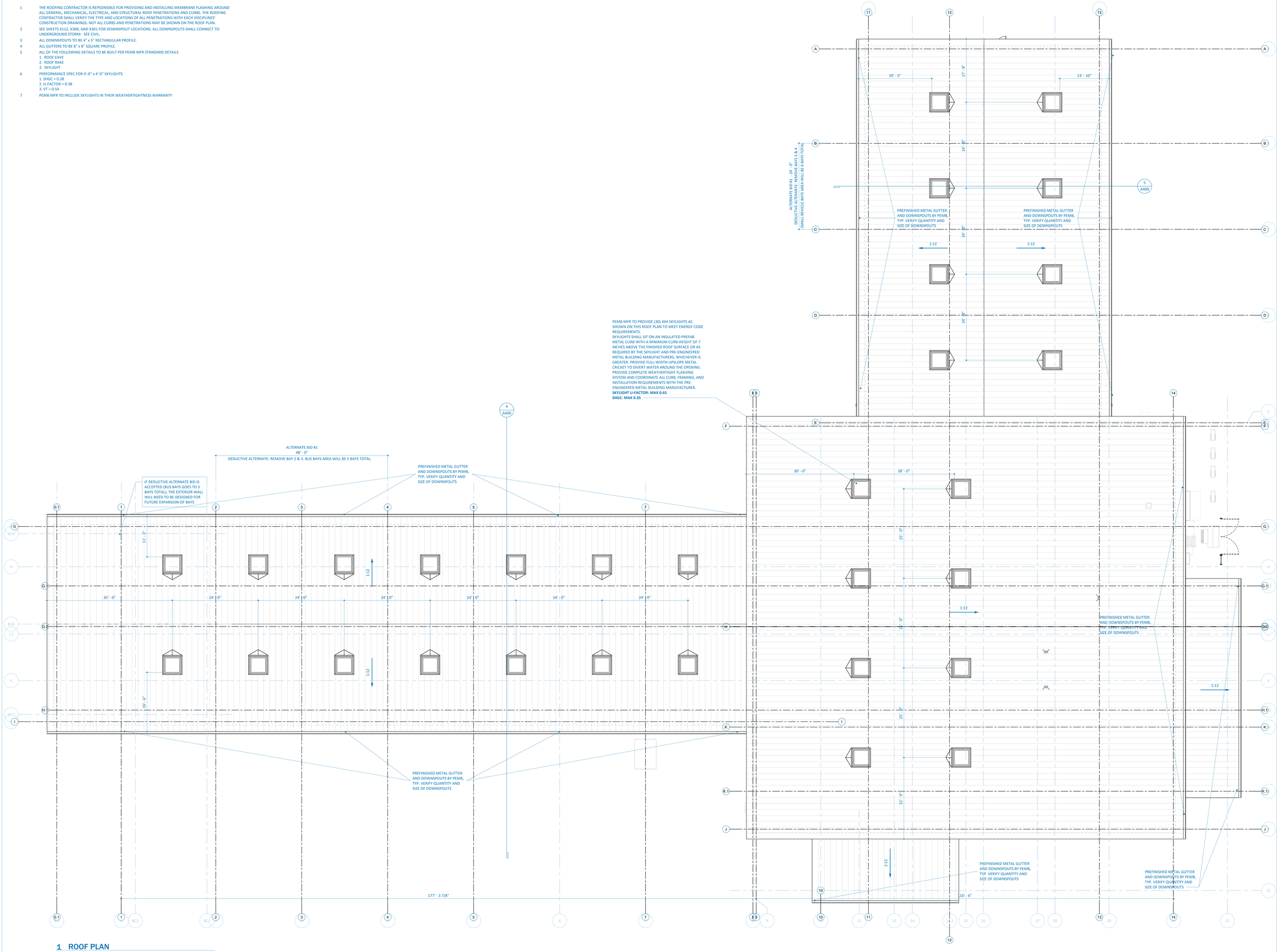
3 ALL DOWNSPOUTS TO BE 4" x 5" RECTANGULAR PROFILE.

4 ALL GUTTERS TO BE 8" x 8" SQUARE PROFILE.

5 ALL OF THE FOLLOWING DETAILS TO BE BUILT PER PEMB MFR STANDARD DETAILS
1. ROOF EAVE
2. ROOF RAKE
3. SKYLIGHT

6 PERFORMANCE SPEC FOR 4'-0" x 4'-0" SKYLIGHTS
1. SHGC = 0.28
2. U-FACTOR = 0.38
3. VT = 0.54

7 PEMB MFR TO INCLUDE SKYLIGHTS IN THEIR WEATHERTIGHTNESS WARRANTY



1 ROOF PLAN

1/8" = 1'-0"

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

ROOF PLAN AND ROOF DETAILS X200

GLAZING SCHEDULE

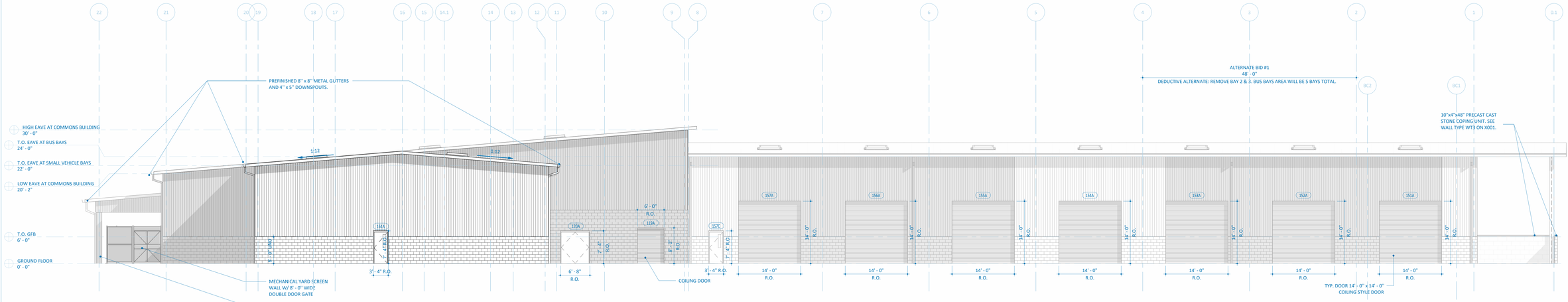
GL1	1" CLEAR INSULATED
GL2	1/4" CLEAR TEMPERED

GENERAL ELEVATION NOTES

1. SEE X001 FOR EXTERIOR WALL TYPE ASSEMBLIES
2. SEE X900 FOR DOOR DETAILS
3. SEE X950 FOR WINDOW DETAILS
4. 'AL' = ALUMINUM STOREFRONT

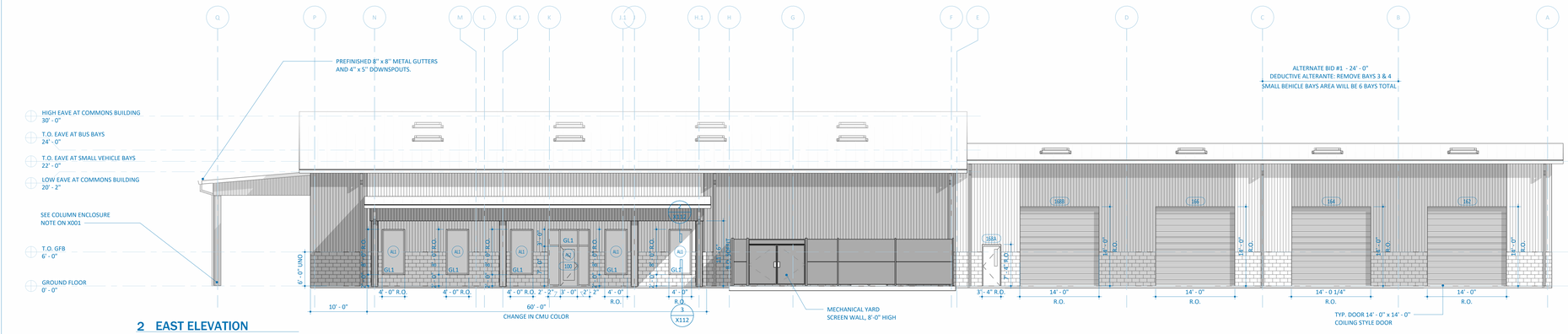
EXT WINDOW SCHEDULE

AL1	KAWNEER	IR501T Impact Storefront
AL2	KAWNEER	IR501T Impact Storefront



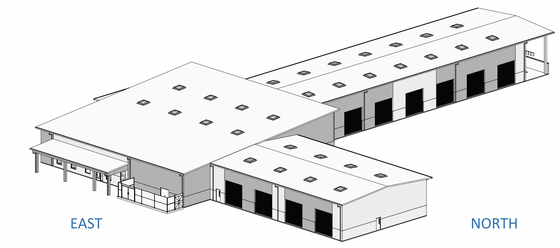
1 NORTH ELEVATION

1/8" = 1'-0"



2 EAST ELEVATION

1/8" = 1'-0"



NORTHEAST AERIAL VIEW

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

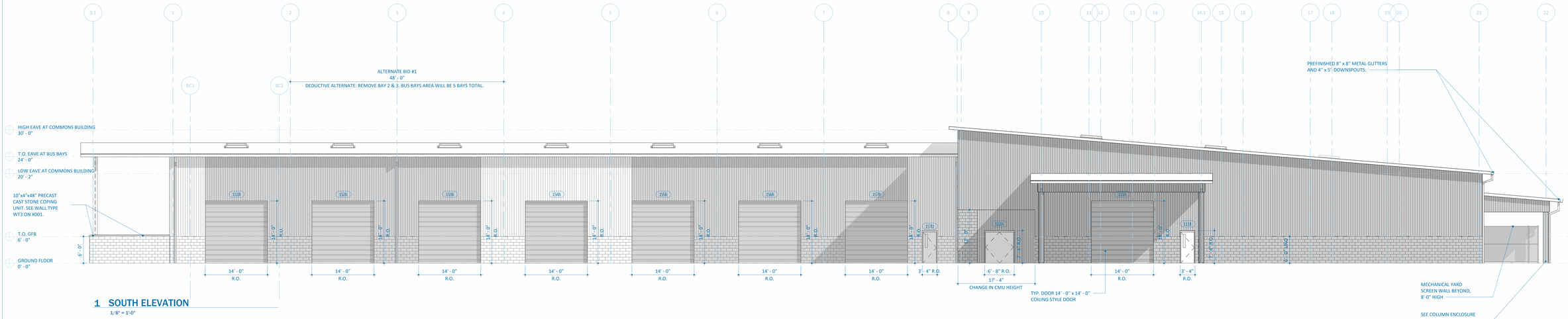
EXTERIOR ELEVATIONS X300

GLAZING SCHEDULE

GL1 1" CLEAR INSULATED
GL2 1/4" CLEAR TEMPERED

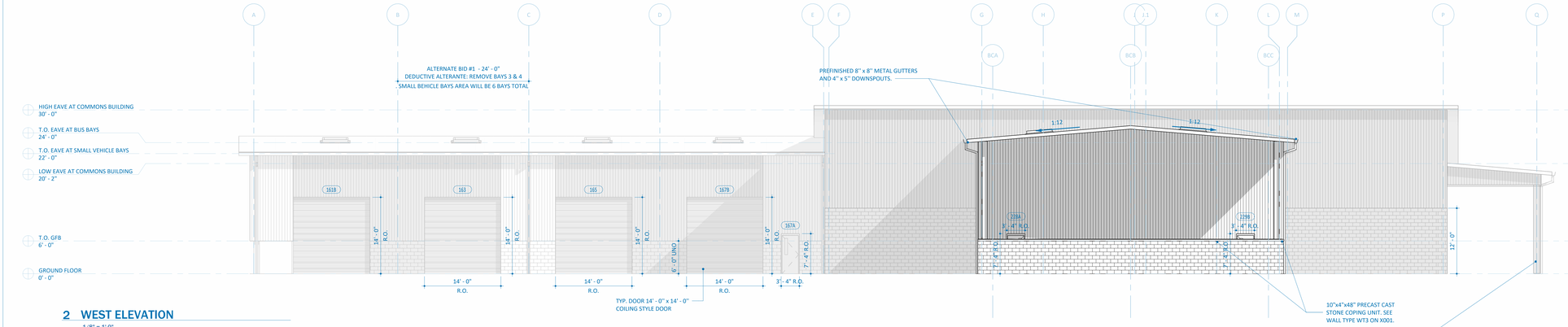
GENERAL ELEVATION NOTES

1. SEE X001 FOR EXTERIOR WALL TYPE ASSEMBLIES
2. SEE X900 FOR DOOR DETAILS
3. SEE X950 FOR WINDOW DETAILS
4. 'AL' = ALUMINUM STOREFRONT



1 SOUTH ELEVATION

1/8" = 1'-0"



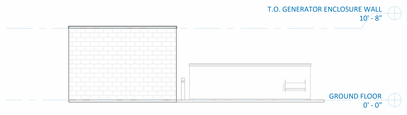
2 WEST ELEVATION

1/8" = 1'-0"



4 GENERATOR & DUMPSTER EAST ELEVATION

1/8" = 1'-0"



5 GENERATOR & DUMPSTER WEST ELEVATION

1/8" = 1'-0"



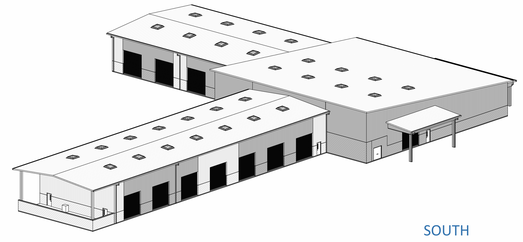
6 DUMPSTER SOUTH ELEVATION

1/8" = 1'-0"



7 GENERATOR NORTH ELEVATION

1/8" = 1'-0"



WEST SOUTH

3D WALL AND ROOF ASSEMBLIES

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

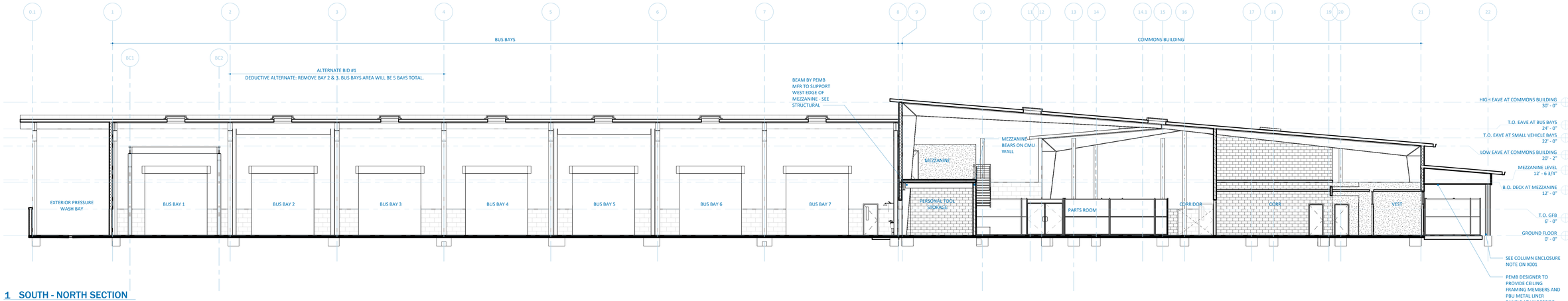
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

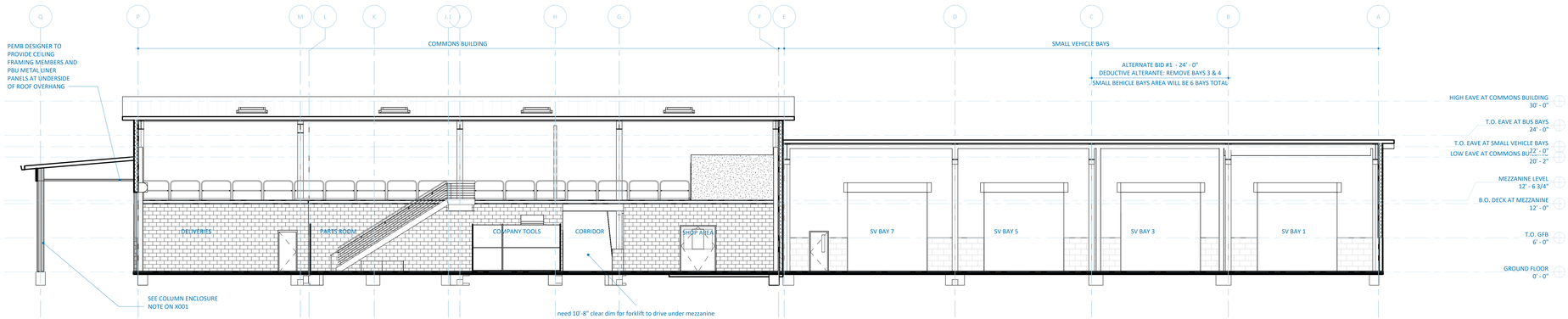
PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

EXTERIOR ELEVATIONS X301



1 SOUTH - NORTH SECTION

1/8" = 1'-0"



2 WEST - EAST SECTION

1/8" = 1'-0"

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

BUILDING SECTIONS X400

ABBREVIATIONS

GENERAL

A/C	Air Conditioning
A.F.F.	Above Finished Floor
APPROX.	Approximate
ARCH	Architectural
BLDG	Building
BM	Beam
BOT	Bottom
BSMT	Basement
CL	Centerline
CLG	Ceiling
CONC	Concrete
CONST	Construction
CONTR	Contractor
CTR	Center
DET	Detail
DIM	Dimension
DN	Down
E	East
E.O.S.	Edge of Slab
EL	Elevation
ENCL	Enclosure
EXST	Existing
EXP	Expansion
FC	Fiber Cement
F.G.	Finish Grade
FIN	Finish
F.O.C.	Face of Concrete
F.O.F.	Face of Finish
F.O.M.	Face of Masonry
F.O.S.	Face of Stud
FR	Frame
FS	Full Size
FT	Foot or Feet
FUT	Future
GA	Gauge
GALV	Galvanized
GD	Grade
GND	Ground
G.B.	Gypsum Board
H.B.	Hose Bib
H.C.	Hollow Core
HCP	Handicapped
HORIZ	Horizontal
HR	Hour
HT	Height
H.W.	Hot Water
HVAC	Heating, Ventilation and Cooling
I.D.	Inside Diameter
INCL	Including
JNT	Joint
JST	Joist
L.H.	Left Hand
LT	Light
MATL	Material
MAX	Maximum
MECH	Mechanical
MET	Metal
MFR	Manufacturer
MH	Manhole
MIN	Minimum
MISC	Miscellaneous
MTD	Mounted
N	North
N.I.C.	Not in Contract
NO	Number
NOM	Nominal
S	South
S.A.D.	See Architectural Drawings
S.S.	Stainless Steel
S.S.D.	See Structural Drawings
STD	Standard
STRUCT	Structural
SYM	Symmetrical
SUSP	Suspended
THK	Thick or Thickness
T.O.C.	Top of Curb
T.O.D.	Top of Drain
T.O.T.	Top of Truss
T.O.W.	Top of Wall
TYP	Typical
U.O.N.	Unless Otherwise Noted
UNF	Unfinished
VERT	Vertical
V.I.F.	Verify in Field
W	West
W/	With
W/O	Without

EXTERIOR WALLS

AB	Anchor Bolt
AVB	Air/Vapor Barrier
CI	Continuous Insulation
CMU	Concrete Masonry Unit
FDN	Foundation
FTG	Footing
MB	Metal Backup
SFRM	Spray-Applied Fire-Resistant Material
SHT	Sheathing
WRB	Weather-Resistant Barrier

CLADDING & FINISHES

ACC	Architectural Concrete Cladding
ACM	Aluminum Composite Material
A.F.F.	Above Finished Floor
AL PN	Aluminum Panel
ANOD	Anodized
ASPH	Asphalt
BRK	Brick
FCB	Fiber Cement Board
FCP	Fiber Cement Panel
EIFS	Exterior Insulation and Finish System
GRFC	Glass Fiber Reinforced Concrete
MCM	Metal Composite Material
PCP	Precast Concrete Panel
T&G	Tongue and Groove
TRM	Trim
VDL	Vertical Drip Leg
WD SLP	Wood Siding, Lap

OPENINGS

ALUM	Aluminum
CLR	Clear (glass or opening)
FIX	Fixed (window)
GL	Glass or Glazing
IGU	Insulated Glass Unit
INSUL	Insulation
LVR	Louver
M.O.	Masonry Opening
OH	Overhead (door)
OPNG	Opening
R.O.	Rough Opening
SGU	Single Glass Unit
SL	Sill
WDW	Window

ROOF & DRAINAGE

B.U.R	Built Up Roofing
DS	Downspout
EPDM	Ethylene Propylene Diene Monomer
GUT	Gutter
INS	Insulation
MBR	Membrane
PAR	Parapet
RD	Roof Drain
RFG	Roofing
SCUP	Scupper
T.O.P.	Top of Parapet
TPO	Thermoplastic Polyolefin (membrane)

PLAN SYMBOLS

VIEW TITLE — 1 DRAWING TITLE, X" = Y'-Y"

NORTH ARROW — N

GRID HEAD — D.27

SECTION — DETAIL NO. 1, SHEET NO. A101

ELEVATION — DETAIL NO. 1, SHEET NO. A101, 1

DETAIL — DETAIL NO. X, SHEET NO. AX.X, REFERENCE AREA

KEYNOTE — ?

DOOR TAG — 000

ROOM TAG — ROOM, 1

CEILING TAG — CEILING TYPE, X' - Y" A.F.F.

WINDOW TAG — 1t

ROOM TAG (FINISHES) — ROOM, 101, FLR | BASE, WALL

ROOM FINISH TAG — 0

REVISION CLOUD — REVISION NO. 00, 01

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

ARCH ABBREVIATIONS AND SYMBOLS LEGEND **A000**

GENERAL SHEET NOTES

- SEE X SHEETS FOR EXTERIOR ASSEMBLIES & ELEVATIONS

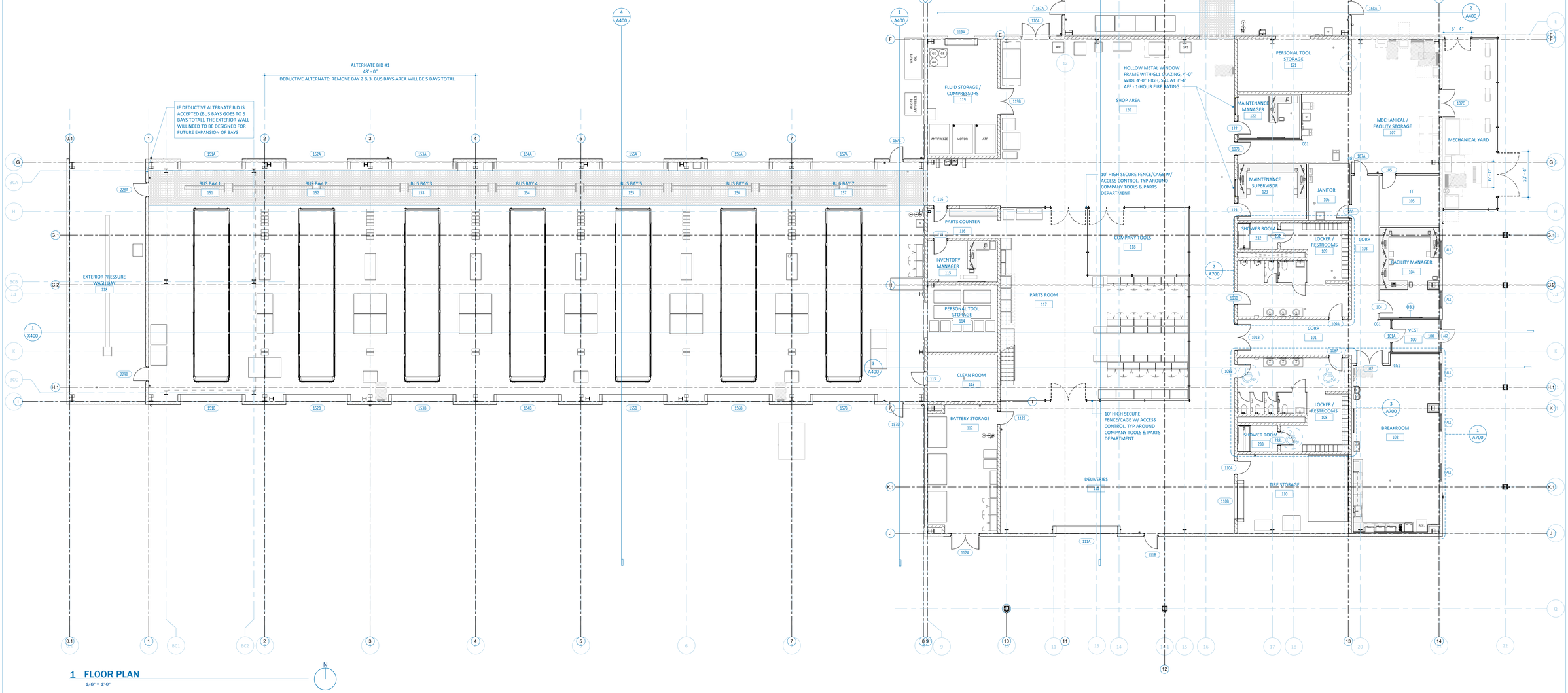
WALL LEGEND

NEW CONSTRUCTION WALL AND PARTITION

NEW CONSTRUCTION DOOR AND FRAME

DOORS

HM-F	FLUSH HOLLOW METAL DOOR IN HOLLOW METAL FRAME
HM-N	NARROW-LITE HOLLOW METAL DOOR IN HOLLOW METAL FRAME
HM-HG	HALF-GLASS HOLLOW METAL DOOR IN HOLLOW METAL FRAME
AL-FG	FULL GLASS ALUMINUM DOOR IN ALUMINUM STOREFRONT



1 FLOOR PLAN

1/8" = 1'-0"

N

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

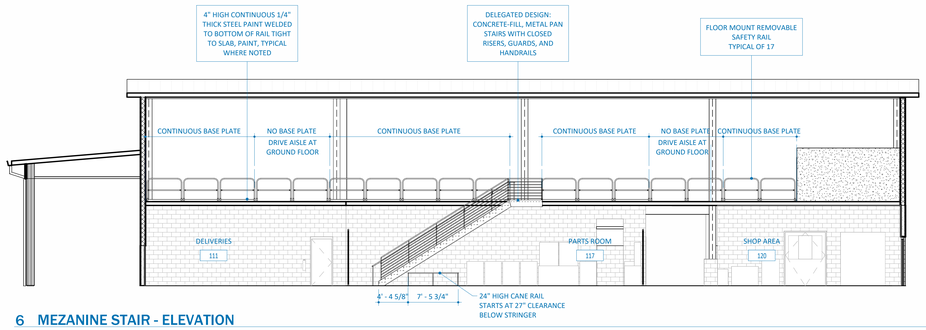
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

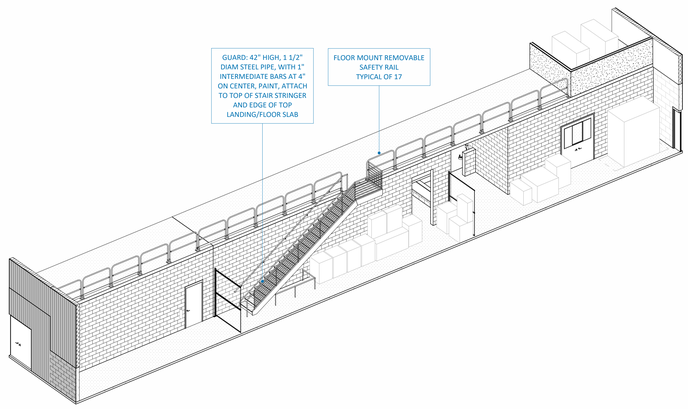
PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

FLOOR PLAN **A110**

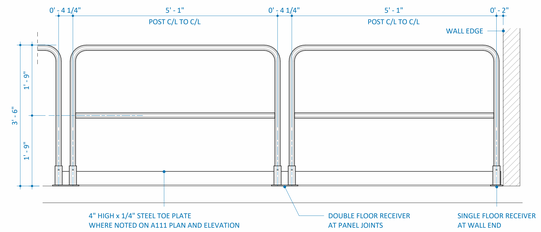


6 MEZANINE STAIR - ELEVATION

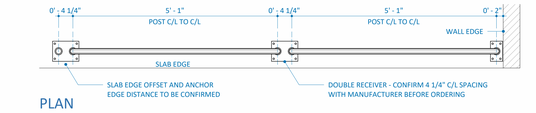
1/8" = 1'-0"



7 MEZZANINE STAIR - 3D



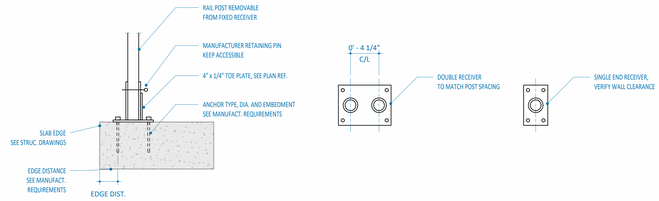
ELEVATION



PLAN

9 SAFETY RAIL DET #1

3/4" = 1'-0"

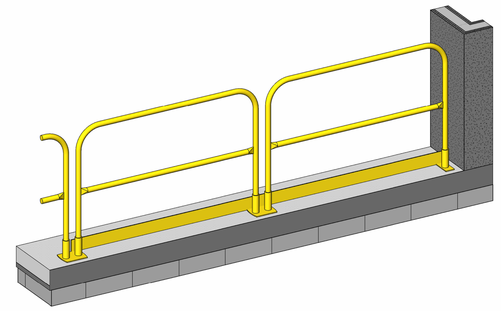


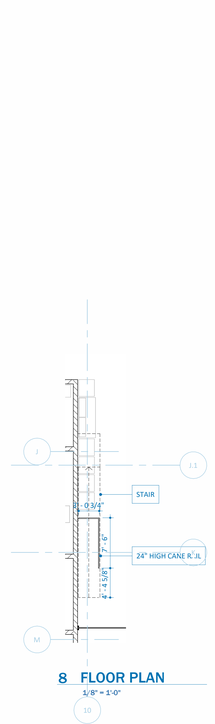
SECTION PLAN

10 SAFETY RAIL FLOOR RECEIVER DET #2

1 1/2" = 1'-0"

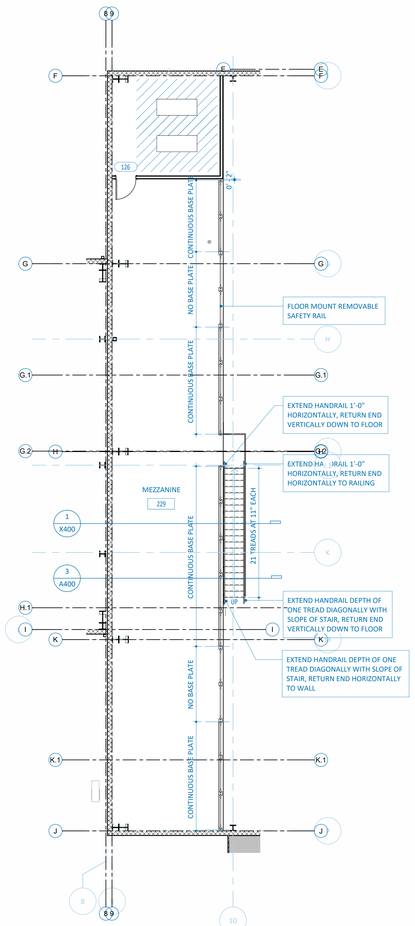
11 SAFETY RAIL - 3D





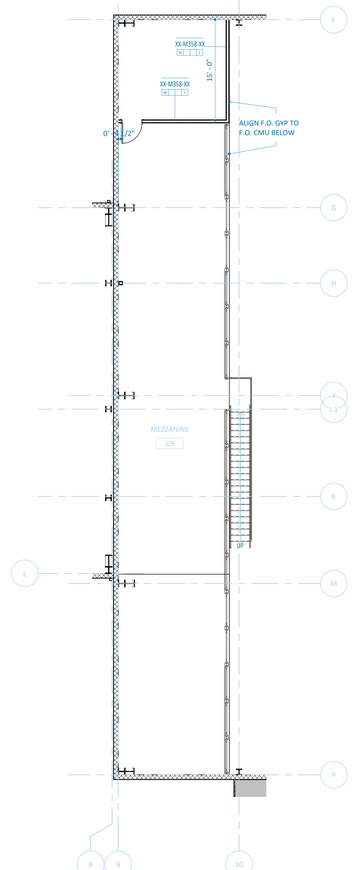
8 FLOOR PLAN

1/8" = 1'-0"



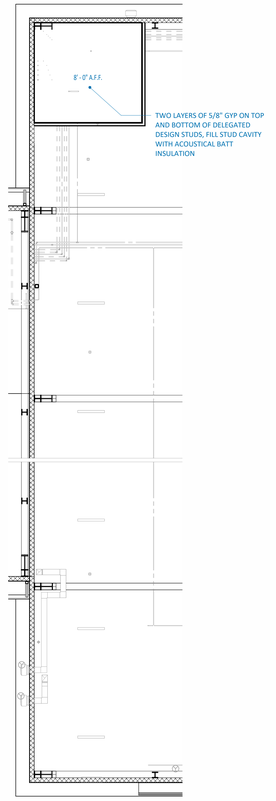
1 MEZZANINE FLOOR PLAN

1/8" = 1'-0"



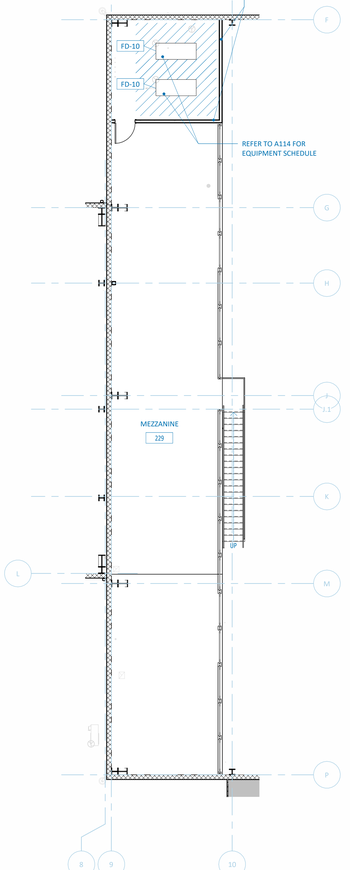
2 MEZZANINE - DIMENSION & PARTITIONS

1/8" = 1'-0"



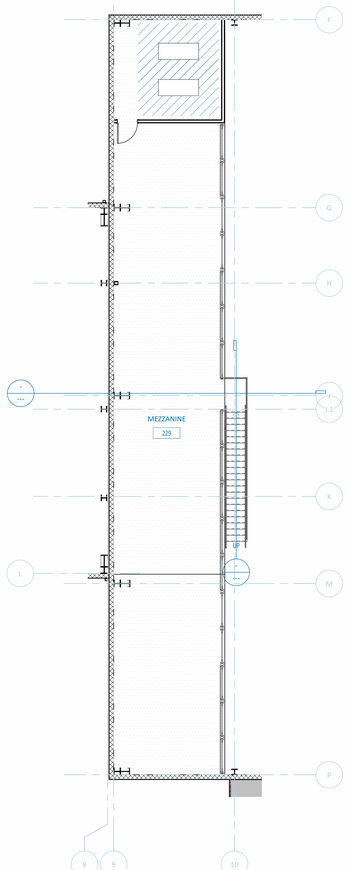
3 MEZZANINE - REFLECTED CEILING PLAN

1/8" = 1'-0"



4 MEZZANINE - EQUIPMENT

1/8" = 1'-0"



5 MEZZANINE - FINISHES

1/8" = 1'-0"

DRY WALL PARTITION AROUND TWO (2) RELOCATED AIR COMPRESSOR UNITS FROM EXISTING FACILITY - ALLOW 36" OF CLEAR SPACE AROUND UNITS ON ALL SIDES (CLEARANCES MAY OVERLAP)

REFER TO A111 FOR MEZZANINE PLANS

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

MEZZANINE FLOOR PLANS A111

DIMENSIONING NOTES

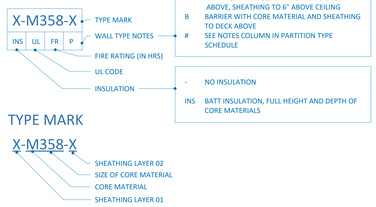
1 DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD OR FACE OF STUD TO FINISH FACE OF EXISTING WALL.

2 IN ADDITION TO REQUIREMENTS NOTED FOR EXTERIOR WALLS ON THIS SHEET, REFER TO EXTERIOR WALL ASSEMBLIES X-SHEET FOR ADDITIONAL INFORMATION.

PARTITION LEGEND

CMU

PARTITION TAG



TYPE MARK

ABBREVIATIONS

CORE MATERIAL

CMU CONCRETE MASONRY UNIT
M METAL STUD

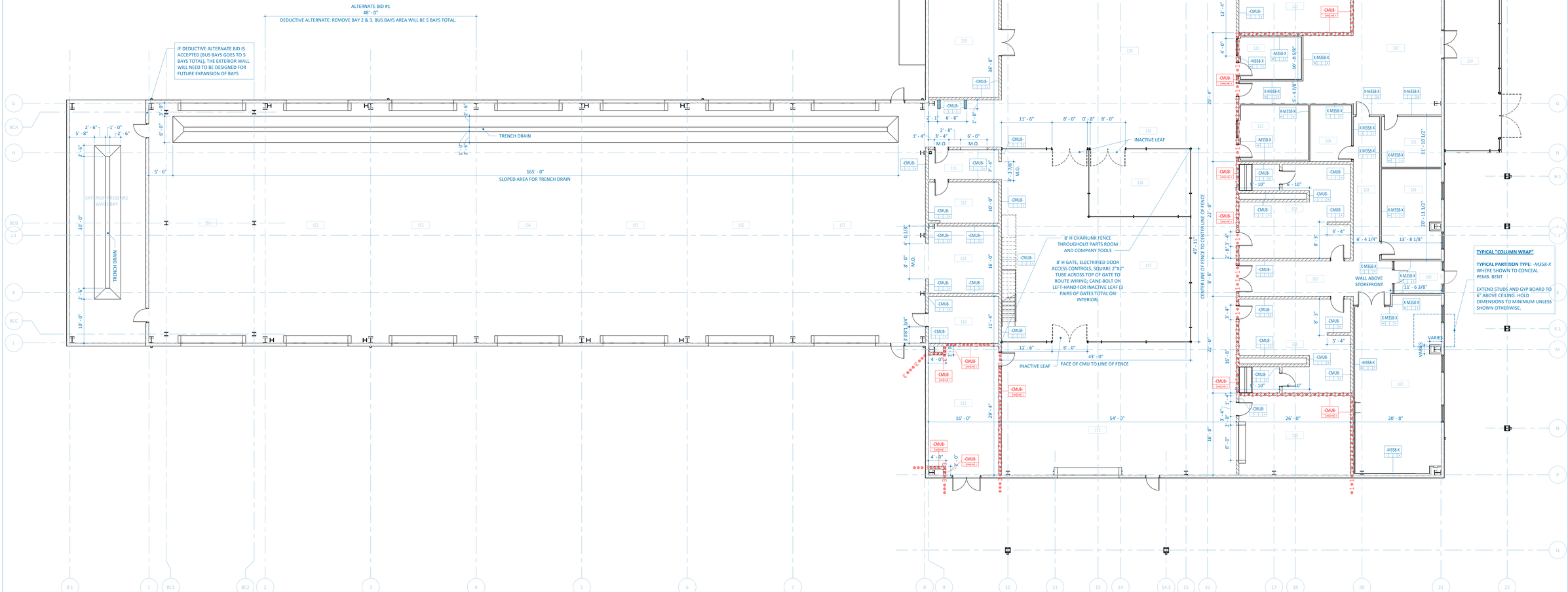
SHEATHING MATERIAL

- NO MATERIAL
X 5/8" TYPE X GYP BOARD

PARTITION TYPE SCHEDULE

SEE PARITITION LEGEND FOR INFORMATION ON STANDARD WALL TYPE NOTES (P & B)

MARK	INSULATION	SHEATHING LAYER SIZE	SHEATHING LAYER SIZE	CORE STUD SIZE	SHEATHING LAYER SIZE	SHEATHING LAYER SIZE	RATING TYPE	WALL TYPE NOTE	NOTES	MARK
AL1	-		5/8"GYP	CMU6"	5/8" GYP		-	#		AL1
-CMU8-	-			CMU8"			-	1	3'-4" HIGH	-CMU8-
-CMU8-				CMU8"			-	2	STOP AT MEZZANINE	-CMU8-
-CMU8-	-			CMU8"			-	2	STOP AT MEZZANINE	-CMU8-
-CMU8-				CMU8"			3.0HR	2	STOP AT MEZZANINE	-CMU8-
XX-M358-XX	INS	5/8" GYP	5/8" GYP	M3 5/8"	5/8"GYP	5/8" GYP	-	4	8'-0" HIGH (SEE A114 FOR ADDITIONAL INFORMATION)	XX-M358-XX
-CMU8-	-			CMU8"			-	B		-CMU8-
-CMU8-	-			CMU8"			1.0HR	B		-CMU8-
X-M358-X	-		5/8" GYP	M3 5/8"	5/8" GYP		-	B		X-M358-X
X-M358-X	INS		5/8" GYP	M3 5/8"	5/8" GYP		-	B		X-M358-X
X-M358-X	INS		5/8"GYP	M 3 5/8"	5/8"GYP		-	B		X-M358-X
-M358-X	INS			M3 5/8"	5/8"GYP		-	P		-M358-X
-M358-X	-			M3 5/8"	5/8" GYP		-	P		-M358-X
-M358-X	INS			M3 5/8"	5/8" GYP		-	P		-M358-X
X-M358-X	-		5/8" GYP	M3 5/8"	5/8" GYP		-	P		X-M358-X
X-M358-X	-		5/8"GYP	M 3 5/8"	5/8"GYP		-	P		X-M358-X



1 DIMENSIONS & PARTITIONS PLAN

1/8" = 1'-0"

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

CEILING TYPES

2 X 2 SUSPENDED ACOUSTICAL TILE,
SEE ROOM FINISH SCHEDULE A115

GYPSUM,
SEE ROOM FINISH SCHEDULE A115

LIGHTING LEGEND

2'X2' LED FLAT PANEL

2'X2' LED FLAT PANEL W/ EMERGENCY BATTERY

2' X 2' CEILING DIFFUSER

2' X 2' CEILING EXHAUST

4" X 2' RECESSED LED LIGHT

4" X 2' LINEAR SLOT DIFFERING

6" X 2' RECESSED LED LIGTH

2' X 4' LED FLAT PANEL

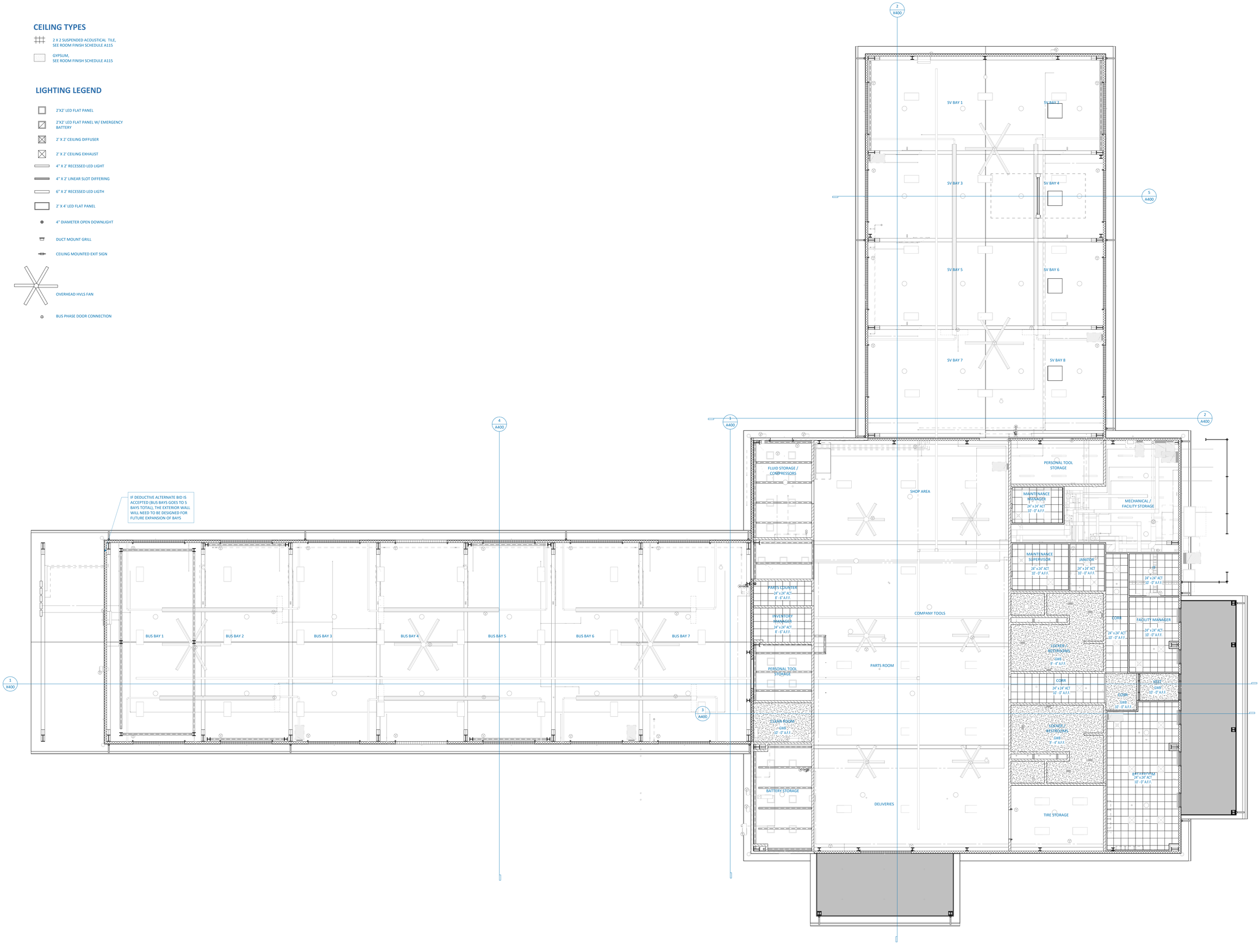
4" DIAMETER OPEN DOWNLIGHT

DUCT MOUNT GRILL

CEILING MOUNTED EXIT SIGN

OVERHEAD HVLS FAN

BUS PHASE DOOR CONNECTION



1 FIRST FLOOR REFLECTED CEILING PLAN

1/8" = 1'-0"

N

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

REFLECTED CEILING PLAN **A113**

CONTRACTOR TO PROVIDE BLOCKING AT ALL WALL-MOUNTED EQUIPMENT ITEMS

EQUIPMENT SCHEDULE

???

NO.	DESCRIPTION	FURNISHED BY	INSTALLED BY	COMMENTS	EXISTING / NEW	COUNT	CUT SHEET	NO.
BREAK ROOM								
032	WORKSTATION (MONITOR, KEYBOARD, MOUSE)	OWNER	OWNER	CASEWORK CAN BE EXPENSED TO THE GRANT, CUBICLE CANNOT		1	No	032
033	MICROWAVE	OWNER	OWNER			3	No	033
034	COFFEE MACHINE	OWNER	OWNER			1	No	034
035	ICE & WATER MACHINE	OWNER	OWNER			1	No	035
036	REFRIGERATOR	OWNER	OWNER			1	No	036
037	WALL-MOUNTED EMPLOYEE TIME CLOCK	OWNER	CONTRACTOR			1	No	037
039	WALL-MOUNTED EMPLOYEE TIME CLOCK	OWNER	CONTRACTOR			1	No	039
FACILITY MANAGER								
031	WALL-MOUNTED 65" MONITOR	OWNER	OWNER			1	No	031
MAINTENANCE SUPERVISOR								
030	WALL-MOUNTED 75" MONITOR	OWNER	OWNER			1	No	030
MAINTENANCE MANAGER								
030	WALL-MOUNTED 75" MONITOR	OWNER	OWNER			1	No	030
LOCKER / RESTROOMS								
010	LOCKERS	CONTRACTOR	CONTRACTOR	TWENTY (20) FULL HEIGHT LOCKERS PER LOCKER ROOM (40 TOTAL) 12"W x 18"D x 72"H	N	40	No	010
BATTERY STORAGE								
PS-3	PARTS CART	OWNER	OWNER	ULINE H-592GR	N	2	Yes	PS-3
PS-4	FLAMMABLE MATERIAL CABINET	OWNER	OWNER	RELOCATE 3 FROM EXISTING FACILITY - 5 ALTOGETHER (LOCATED ACROSS PARTS ROOM, BATTERY STORAGE & MAINTENANCE BAYS)	#	2	Yes	PS-4
PS-5	STORAGE CABINETS	OWNER	OWNER	ULINE INDUSTRIAL STORAGE CABINET 36" x 18" x 72"	N	2	Yes	PS-5
PS-6	BATTERY STATION	OWNER	OWNER	HARDWOOD BATTERY STATION; H8S-84	N	3	Yes	PS-6
EXTERIOR PRESSURE WASH BAY								
MR-1	OIL REEL (MOTOR, GEAR & GREASE)	CONTRACTOR	CONTRACTOR	GRACO XD 30 SERIES, 50FT HOSE KIT NUMBER# HSMD5G (DESERT SAND COLOR) HOSE INLET KIT 24E284	N	2	Yes	MR-1
MR-2	FLUID REEL (TRANSMISSION, ANTIFREEZE & WATER)	CONTRACTOR	CONTRACTOR	GRACO XD 30 SERIES, 50FT HOSE KIT NUMBER# HSLD5B (COLOR BLUE) HOSE INLET KIT 24E284	N	2	Yes	MR-2
MR-4	COMPRESSED AIR REEL	CONTRACTOR	CONTRACTOR	GRACO XDX SERIES REEL ASSEMBLIES; 65 FEET MODEL# XDL65#	N	1	Yes	MR-4
W-1	HIGH PRESSURE PORTABLE WASHER	OWNER	OWNER	MFG MODEL HOTSY 555SS DIESEL FIRED HEATER	N	1	Yes	W-1
FLUID STORAGE / COMPRESSORS								
FD-5	PUMP (MO, ATF, GO)	OWNER	CONTRACTOR	GRACO FIRE-BALL 300 5:1 OIL PUMP, PUMP- 203876, PACKAGE- 224534 (INCLUDES REEL AND NOZZLE)	N	2	Yes	FD-5
FD-6	PUMP (ANTIFREEZE, WINDSHIELD WASHER)	OWNER	CONTRACTOR	HUSKY 716 AODD PUMP, 241906 PUMP, KIT # 244682	N	1	Yes	FD-6
FD-7	SPILL CONTAINMENT PALLET	OWNER	OWNER	ULINE H-4034	N	1	Yes	FD-7
FD-8	WASTE OIL TANK - 1000 GAL	OWNER	CONTRACTOR	LUBECUBE DOUBLE-WALL 1000 GAL; LC-1000DW	N	1	Yes	FD-8
FD-9	WASTE COOLANT TANK - 500 GAL	OWNER	CONTRACTOR	LUBECUBE DOUBLE-WALL 500 GAL; LC-500DW	N	1	Yes	FD-9
FD-10	AIR COMPRESSOR	OWNER	OWNER	QUANTITY TWO (2) - RELOCATE FROM EXISTING FACILITY	E	2	Yes	FD-10
FD-11	1000 GAL - ATF DOUBLE WALL STORAGE TANK	OWNER	CONTRACTOR	FLUIDALL SDWSST1000	N	1	Yes	FD-11
FD-12	1000 GAL - MOTOR OIL DOUBLE WALL STORAGE TANK	OWNER	CONTRACTOR	FLUIDALL SDWSST1000	N	1	Yes	FD-12
FD-13	1000 GAL - ANTIFREEZE DOUBLE WALL STORAGE TANK	OWNER	CONTRACTOR	FLUIDALL SDWSST1000	N	1	Yes	FD-13
FD-14	55 GAL - DOUBLE WALL GEAR OIL DRUM	OWNER	OWNER		N	2		FD-14
FD-15	55 GAL - DOUBLE WALL GREASE DRUM	OWNER	OWNER		N	1		FD-15
MAINTENANCE BAYS								
MR-1	OIL REEL (MOTOR, GEAR & GREASE)	CONTRACTOR	CONTRACTOR	GRACO XD 30 SERIES, 50FT HOSE KIT NUMBER# HSMD5G (DESERT SAND COLOR) HOSE INLET KIT 24E284	N	18	Yes	MR-1
MR-2	FLUID REEL (TRANSMISSION, ANTIFREEZE & WATER)	CONTRACTOR	CONTRACTOR	GRACO XD 30 SERIES, 50FT HOSE KIT NUMBER# HSLD5B (COLOR BLUE) HOSE INLET KIT 24E284	N	18	Yes	MR-2
MR-3	ELECTRICAL REEL	CONTRACTOR	CONTRACTOR	GRACO SD 10 SERIES, 120V CORD REEL - SINGLE INDUSTRIAL RECEPTACLE - 95FT, 12 AWG, 18 AMP CORD (COLOR BLACK)	N	12	Yes	MR-3
MR-4	COMPRESSED AIR REEL	CONTRACTOR	CONTRACTOR	GRACO XDX SERIES REEL ASSEMBLIES; 65 FEET MODEL# XDL65#	N	12	Yes	MR-4
MR-5	FILTER CRUSHER	OWNER	OWNER	GREY MODEL QP-160 LOCATE AT WO EVAC PUMP	N	1	Yes	MR-5
MR-6	PORTABLE USED OIL CONTAINER	OWNER	OWNER	GRACO OIL KING 238866; 25 GAL CAPACITY	N	2	Yes	MR-6
MR-7	PORTABLE USED COOLANT CONTAINER	OWNER	OWNER	GRACO COOLANT KING 248632; 25 GAL CAPACITY	N	1	Yes	MR-7
MR-11	WIRELESS MOBILE COLUMN LIFTS	OWNER	OWNER	RELOCATE 24 FROM EXISTING FACILITY - 32 ALTOGETHER (LOCATED ACROSS MAINTENANCE BAYS & SV	#	28	Yes	MR-11
MR-12	2 TON BRIDGE CRANE	CONTRACTOR	CONTRACTOR	SPANCO 2TON FREESTANDING BRIDGE CRANE - SEE STRUCTURAL	N	1	No	MR-12
MR-13	WORKBENCH HEAVY DUTY WITH VISE	OWNER	OWNER	POLLARD BROS. MODEL NO. 152-630-35; 72" X 30" 3000 LBS CAPACITY	N	3	Yes	MR-13
MR-14	WORKBENCH HEAVY DUTY WITHOUT VISE	OWNER	OWNER	POLLARD BROS. MODEL NO. 152-630-35; 72" X 30" 3000 LBS CAPACITY	N	3	Yes	MR-14
MR-16	EXTRA DUTY ROLLING SAFETY LADDER	OWNER	OWNER	BALLYMORE 12 STEP LADDER; MODEL # WBB3183200	N	1	Yes	MR-16
MR-19	BIG ASS FANS; MOBILE	OWNER	OWNER	RELOCATE FROM EXISTING FACILITY - 4 ALTOGETHER	E	4	Yes	MR-19
MR-20	AC RECOVERY MACHINE	OWNER	OWNER	RELOCATE FROM EXISTING FACILITY - 6 ALTOGETHER	E	6	Yes	MR-20
MR-21	SAFETY-KLEEN RECYCLING PARTS WASHER	OWNER	OWNER	MODEL250 - RELOCATE FROM EXISTING FACILITY - 3 ALTOGETHER	E	3	Yes	MR-21
PS-4	FLAMMABLE MATERIAL CABINET	OWNER	OWNER	RELOCATE 3 FROM EXISTING FACILITY - 5 ALTOGETHER	#	2	Yes	PS-4

EQUIPMENT SCHEDULE

???

NO.	DESCRIPTION	FURNISHED BY	INSTALLED BY	COMMENTS	EXISTING / NEW	COUNT	CUT SHEET	NO.
PARTS ROOM								
PS-4	FLAMMABLE MATERIAL CABINET	OWNER	OWNER	RELOCATE 3 FROM EXISTING FACILITY - 5 ALTOGETHER (LOCATED ACROSS PARTS ROOM, BATTERY STORAGE & MAINTENANCE BAYS)	#	1	Yes	PS-4
PWR-1	HD SHELVING UNITS	OWNER	OWNER		N	5	No	PWR-1
PWR-2	MD SHELVING UNITS	OWNER	OWNER		N	14	No	PWR-2
PWR-3	FLAMMABLE STORAGE CABINETS	OWNER	OWNER	ULINE H-1564S-Y	N	4	No	PWR-3
PWR-4	STORAGE CABINETS	OWNER	OWNER		N	12	No	PWR-4
PWR-5	MODULAR DRAWER CABINETS	OWNER	OWNER	STANLEY VIDMAR	N	7	No	PWR-5
PWR-6	FASTENER BINS	OWNER	OWNER	USBOLTKITS 72 HOLE METAL STORAGE BIN WITH 12" DEEP BASE	N	4	No	PWR-6
PWR-7	SORTING TABLE	OWNER	OWNER		N	2	No	PWR-7
SHOP AREA								
MS-1	PEDESTAL GRINDER WITH BUFFING WHEEL AND DUST COLLECTOR	OWNER	OWNER	BALDOR NO. 1022WD GRINDER GA-20 PEDESTAL, DC10 DUST COLLECTOR A103 BUFFING WHEEL	N	1	Yes	MS-1
MS-2	DRILL PRESS	OWNER	OWNER	JET JDP-20VS-3	N	1	Yes	MS-2
MS-4	HYDRAULIC PRESS - 150 TON	OWNER	OWNER	DAKE MODEL S-150 ELECTRIC HYDRAULIC	N	1	Yes	MS-4
MS-5	ABRASIVE BLAST CABINET	OWNER	OWNER	ECONOLINE 1016955-A; 48-2 SUPER 28" X 22" BLAST CABINET WITH 100CFM DUST COLLECTOR	N	1	Yes	MS-5
MS-6	WELDING TABLE	OWNER	OWNER	FLEXTUR 78909515 5 SIDED MOBILE TABLE	N	1	Yes	MS-6
MS-7	PORTABLE FUME EXTRACTOR WITH SNORKLE	OWNER	OWNER	MILLER MWX-D 951 509, WITH 12' ARM	N	1	Yes	MS-7
MS-9	MIG WELDER	OWNER	OWNER	MILLER MILLERMATIC 252 #907321	N	1	Yes	MS-9
MS-10	GAS CYLINDER CAGE	OWNER	OWNER	GAS CYLINDER 9 VERTICAL MODEL SCHLS	N	2	Yes	MS-10
MS-12	STEEL STORAGE RACK	OWNER	OWNER	CANTILEVER RACK H-6643	N	1	Yes	MS-12
SMALL VEHICLE MAINTENANCE BAY								
MR-1	OIL REEL (MOTOR, GEAR & GREASE)	CONTRACTOR	CONTRACTOR	GRACO XD 30 SERIES, 50FT HOSE KIT NUMBER# HSMD5G (DESERT SAND COLOR) HOSE INLET KIT 24E284	N	8	Yes	MR-1
MR-2	FLUID REEL (TRANSMISSION, ANTIFREEZE & WATER)	CONTRACTOR	CONTRACTOR	GRACO XD 30 SERIES, 50FT HOSE KIT NUMBER# HSLD5B (COLOR BLUE) HOSE INLET KIT 24E284	N	8	Yes	MR-2
MR-4	COMPRESSED AIR REEL	CONTRACTOR	CONTRACTOR	GRACO XDX SERIES REEL ASSEMBLIES; 65 FEET MODEL# XDL65#	N	6	Yes	MR-4
MR-5	FILTER CRUSHER	OWNER	OWNER	GREY MODEL QP-160 LOCATE AT WO EVAC PUMP	N	1	Yes	MR-5
MR-6	PORTABLE USED OIL CONTAINER	OWNER	OWNER	GRACO OIL KING 238866; 25 GAL CAPACITY	N	2	Yes	MR-6
MR-7	PORTABLE USED COOLANT CONTAINER	OWNER	OWNER	GRACO COOLANT KING 248632; 25 GAL CAPACITY	N	2	Yes	MR-7
MR-11	WIRELESS MOBILE COLUMN LIFTS	OWNER	OWNER	RELOCATE 24 FROM EXISTING FACILITY - 32 ALTOGETHER (LOCATED ACROSS MAINTENANCE BAYS & SV	#	4	Yes	MR-11
MR-13	WORKBENCH HEAVY DUTY WITH VISE	OWNER	OWNER	POLLARD BROS. MODEL NO. 152-630-35; 72" X 30" 3000 LBS CAPACITY	N	1	Yes	MR-13
MR-14	WORKBENCH HEAVY DUTY WITHOUT VISE	OWNER	OWNER	POLLARD BROS. MODEL NO. 152-630-35; 72" X 30" 3000 LBS CAPACITY	N	5	Yes	MR-14
MR-17	18000LB 4-POST DRIVE-ON LIFT	OWNER	CONTRACTOR	18000LB 4 POST DRIVE-ON LIFT	N	1	Yes	MR-17
MR-18	12000LB ROTARY SYMMETRICAL 2-POST	OWNER	CONTRACTOR	FORWARD LIFT 112 PRO SYMMETRICAL 2 POST LIFT	N	1	Yes	MR-18
TIRE STORAGE								
TS-1	TIRE CAROUSEL	OWNER	OWNER	VIDAR MODEL HTS4162-0563-12	N	1	Yes	TS-1
TS-2	TIRE INFLATION CAGE	OWNER	OWNER	KEN-TOOL 5-BAR MAGNUM T109	N	1	Yes	TS-2
TS-3	DUAL WHEEL DOLLY	OWNER	OWNER	OTC 5105B DUAL WHEEL DOLLY: DUAL WHEEL DOLLY HIGH LIFT, 1100 LB MAX WEIGHT CAPACITY, 42" MAX LIFT HEIGHT	N	1	Yes	TS-3

EQUIPMENT SCHEDULE LEGEND:

EXISTING/NEW:

E - EXISTING, RELOCATE FROM EXISTING FACILITY AT 1515 WEST FAIRFIELD DRIVE, PENSACOLA, FL 32501
N - NEW
- SEE COMMENTS COLUMN IN SCHEDULE

FURNITURE SCHEDULE

NOT IN CONTRACT

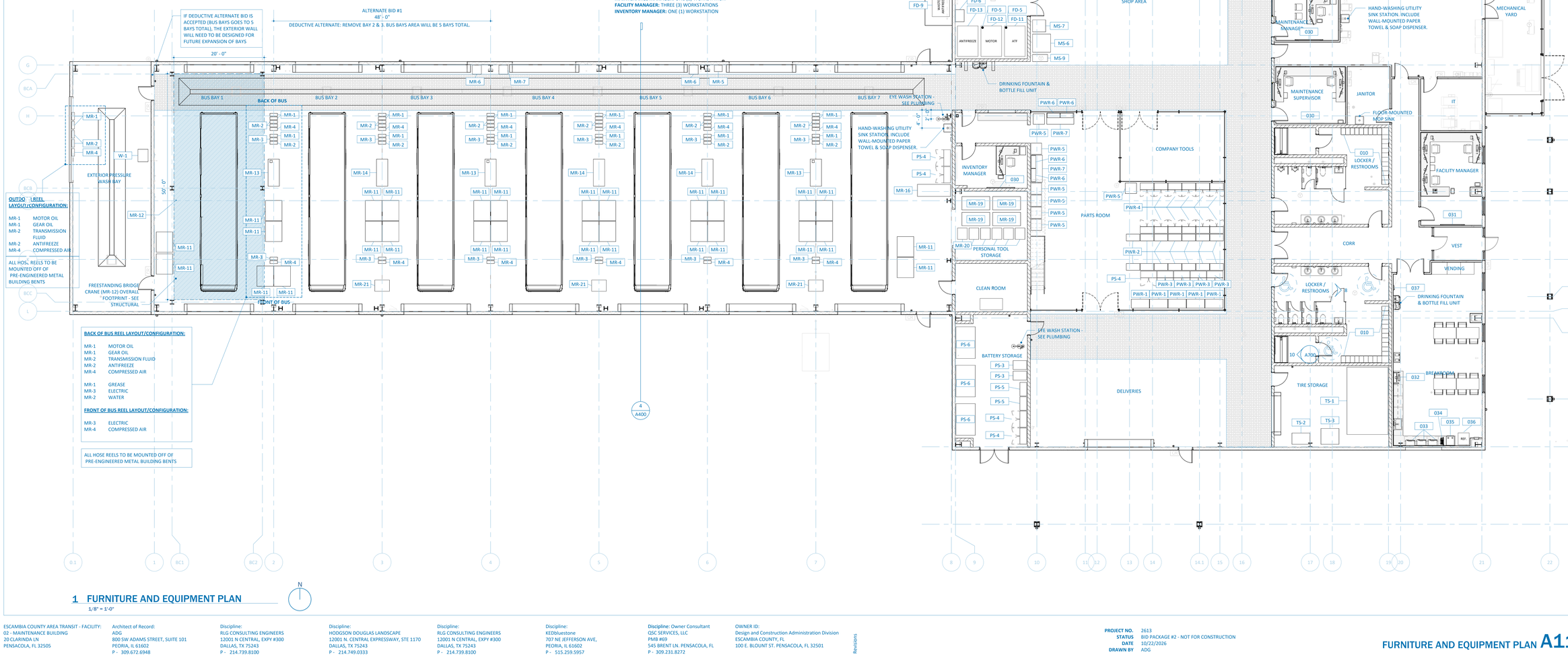
DESCRIPTION	COUNT
BREAK ROOM	
5'-0"x2'-6" TABLE	4
CHAIR	15
CLEAN ROOM	
5'-0"x2'-6" TABLE	1

TYPICAL WORKSTATION EQUIPMENT LIST:

PROVIDED BY & INSTALLED BY OWNER
- TWO (2) 27" MONITORS (INCLUDING 1 KEYBOARD & MOUSE FOR BOTH)
- ONE (1) TASK CHAIR
- ONE (1) DESK TELEPHONE
- ONE (1) PEDESTAL CABINET
- ONE (1) WASTE BASKET
- CUBICLE SETUP (FOR ROOMS WITH MORE THAN ONE WORKSTATION)

PROVIDED BY OWNER & INSTALLED BY CONTRACTOR
- 65" (002) OR 75" (001) WALL-MOUNTED TELEVISION - SEE EQUIPMENT SCHEDULE

MAINTENANCE SUPERVISOR : TWO (2) WORKSTATIONS
MAINTENANCE MANAGER: ONE (1) WORKSTATION
FACILITY MANAGER: THREE (3) WORKSTATIONS
INVENTORY MANAGER: ONE (1) WORKSTATION



1 FURNITURE AND EQUIPMENT PLAN

1/8" = 1'-0"

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

FURNITURE AND EQUIPMENT PLAN **A114**

ABBREVIATIONS

-	NO MATERIAL
X	EXISTING
ACT ( )	ACOUSTICAL CEILING TILE (TYPE)
AT ( )	ACOUSTICAL TILE / BAFFLE (TYPE)
CB	COVE BASE
CG ()	CORNER GUARD (TYPE)
CONC	CONCRETE
CPT ( )	CARPET (TYPE)
ESC	EPOXY SEALED CONCRETE
GYP BD	GYPSUM BOARD
HPF	HIGH PERFORMANCE FLOORING
LVT ( )	LUXURY VINYL TILE (TYPE)
MFR	MANUFACTURER
PT ( )	PAINT (TYPE)
RB ( )	RESILIENT BASE (TYPE)
SC	SEALED CONCRETE
SSM ( )	SOLID SURFACE MATERIAL (TYPE)
STN ( )	STAIN (TYPE)
SVF ( )	SHEET VINYL FLOORING (TYPE)
VB	VINYL BASE
VCT ( )	VINYL COMPOSITION TILE (TYPE)
WCPT ( )	WALKOFF CARPET (TYPE)
WP ( )	WALL PROTECTION (TYPE)
WT	WALL TILE

GENERAL FINISH NOTES

1. ALL CHANGE OF FLOOR MATERIALS SHALL OCCUR UNDER DOOR UNLESS OTHERWISE NOTED. ADD TRANSITION STRIP WHERE FLOORING HEIGHTS CHANGE.
2. SOFFITS TO BE PAINTED THE SAME COLOR AS ADJACENT WALLS UNLESS OTHERWISE NOTED.
3. PAINT ALL HM DOORS AND FRAMES PT4 UNLESS OTHERWISE NOTED.
4. GROUND FACE CMU WALLS TO BE LEFT UNPAINTED. ALL GYPSUM WALL BOARD AND STANDARD CMU WALLS TO BE PAINTED PT1.
5. CASEWORK DIMENSIONS: ALL WALL CABINETS TO BE 12" DEEP AND ALL BASE CABINETS TO BE 24" DEEP, UNLESS OTHERWISE NOTED.
6. ROOM TAG DESCRIPTION:



FINISH KEYNOTES [0]

1. ROLLER SHADES TO BE INSTALLED (RS1)

FINISH SCHEDULE

FLOORS

SC1 SHERWIN WILLIAMS CLARISHIELD SOLVENT-BASED WET LOOK CLEAR SEALER

SC2 BASE: NEOGARD NEOCRETE RT
BROADCAST 20/40 FLINTSHOT TO REFUSAL
TOPCOAT: NEOGARD HIGH SOLIDS CRU - COLOR: LT GRAY

SC3 BASE: NEOGARD NEOCRETE RT
BROADCAST 20/40 FLINTSHOT TO REFUSAL
TOPCOAT: NEOGARD HIGH SOLIDS CRU - COLOR: DK GRAY

SC4 BASE: NEOGARD NEOCRETE RT
BROADCAST 20/40 FLINTSHOT TO REFUSAL
TOPCOAT: NEOGARD HIGH SOLIDS CRU - COLOR: YELLOW

SC5 BASE: NEOGARD NEOCRETE RT
BROADCAST 20/40 FLINTSHOT TO REFUSAL
TOPCOAT: NEOGARD HIGH SOLIDS CRU - COLOR: WHITE

SC6 BASE: NEOGARD NEOCRETE RT
BROADCAST 20/40 FLINTSHOT TO REFUSAL
TOPCOAT: NEOGARD HIGH SOLIDS CRU - COLOR: RED

LVT1 MANNINGTON - UNINTERRUPTED COLLECTION - UNINTERRUPTED WOOD - COLOR: EARTHY CHESTNUT UN206 - 7.25" X 48" - 4.0 MM

WCPT MANNINGTON COMMERICAL - FRIXTION COLLECTION - CHARGE - COLOR: 11360 KINETIC - 18" X 36"

RB1 JOHNSONITE THERMOPLASTIC RUBBER WALL BASE 1/8" (TYPE TP) - DURACOVE 4" H - COLOR: CHARCOAL 20 (OFFICES)

VB1 ROPPE VINYL WALL BASE - 1/8" STANDARD TOE BASE (TYPE TV) - 4" H - COLOR: CHARCOAL 123 (COMMON AREAS/LOBBY)

SD1 TARKETT - IQ GRANIT SD - SHEET FLOORING - 0.080" THICK - COLOR: LT GRAY 0395

WALLS (SEE GENERAL FINISH NOTES FOR ADDITIONAL PAINT DETAILS)

EXP EXPOSED, UNPAINTED CMU
PT1 SHERWIN WILLIAMS - SATIN FINISH - SNOWBOUND SW7004 (GENERAL)
PT2 SHERWIN WILLIAMS - SATIN FINISH - QUIETUDE SW6212 (ACCENT)
PT3 SHERWIN WILLIAMS - SATIN FINISH - SURF GREEN SW6473 (ACCENT)
PT4 SHERWIN WILLIAMS - SEMI-GLOSS FINISH - GRIZZLE GRAY SW7068 (HM DOORS & FRAMES)
PT5 SHERWIN WILLIAMS - FLAT FINISH - EXTRA WHITE SW7006 (GYP CEILINGS)
PT6 SHERWIN WILLIAMS - SATIN FINISH - AMAZING GRAY SW7044 (STRUCTURAL & EXPOSED CEILINGS)

DT2 MSI - FLAMENCO - COLOR: CELTIC AQUA - SIZE: 2"X18" - BRICK INSTALLATION, CENTERED ON WALL - BRUSHED STAINLESS STEEL L-SHAPE TILE TRIM ALONG UNFINISHED EDGES

GT2 MAPEI GROUT - COLOR: CASTLE WALL 5227 - 1/8" GROUT LINES

PLASTIC LAMINATE

PL2 WILSONART - TRACELESS - SLATE VELVET 15507

SOLID SURFACE

SSM2 CORIAN - NEUTRAL CONCRETE

CEILINGS

AT1 USG 560 FISSURED BASIC ACOUSTICAL PANELS - SQUARE - 24"X24" - DONN BRAND DX/DXL 15/16" ACOUSTICAL SUSPENSION SYSTEM
AT3 USG DRYWALL SUSPENSION SYSTEM SC2238 - FLAT CEILINGS

CORNER GUARDS

CG1 INPRO SURFACE MOUNTED STAINLESS STEEL - UP TO 7' - 0"

MISC

RS1 HARDWARE: CLUTCH-OPERATED FLEXSHADE NEXD W/ HEADBOX, SILVER
SHADE: DRAPER SHEERWEAVE SW2400 (2410) 3%, PEARL GRAY

TOILET PARTITIONS & SHOWER SYSTEMS

TP1 ASI GLOBAL PARTITIONS - COLOR-THRU PHENOLIC TOILET PARTITIONS - STAINLESS STEEL VAULT HINGE - CEILING HUNG - STANDARD PRIVACY - COLOR: CHARCOAL 3077

SW1 MPL COMPANY - CULTURED MARBLE SHOWER WALL PANELS - 96" H x WIDTH SHOWN IN DRAWINGS - 6" x 12" STAGGERED TILE EFFECT SMOOTH - COLOR: BRIGHT WHITE, MATTE - ACCESSORIES: 7" x 7" SHAMPOO SHELF, 96" x 2" x 3/4" TRIM STRIPS (TOP & SIDES)

SB2 MPL COMPANY - CULTURED MARBLE SHOWER PAN WITH ROLL IN RAMP - SIZE: 36" x 36" - COLOR: BRIGHT WHITE

1 FLOOR PLAN

1/8" = 1'-0"

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

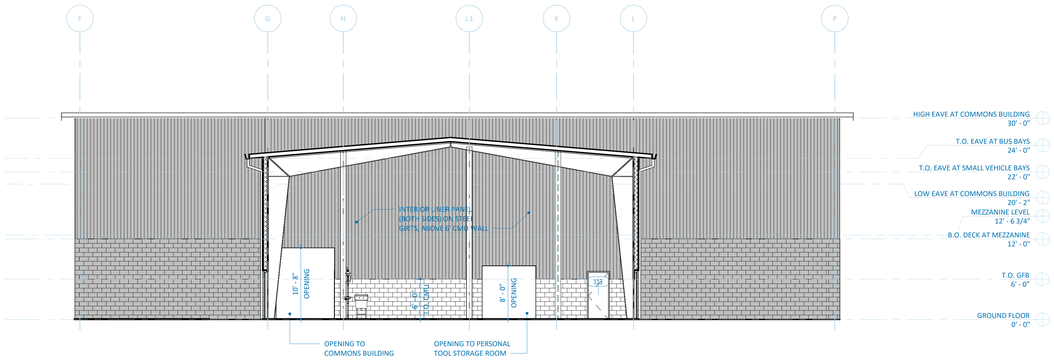
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

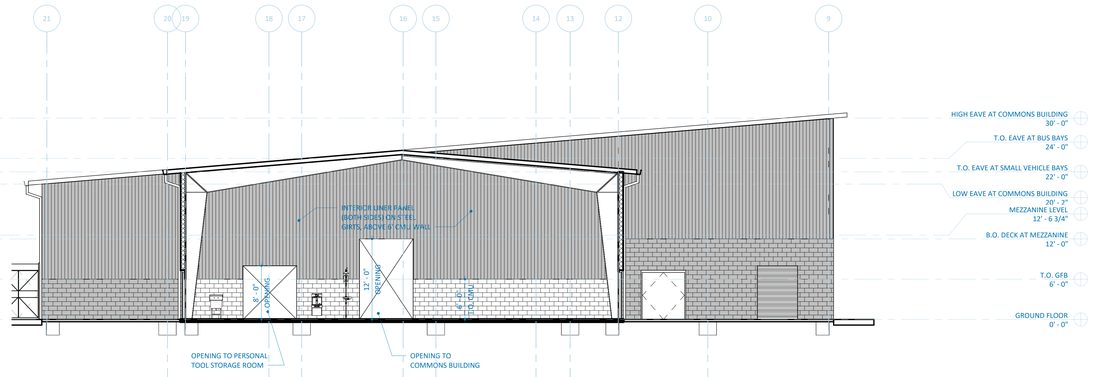
PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

FINISH PLAN **A115**



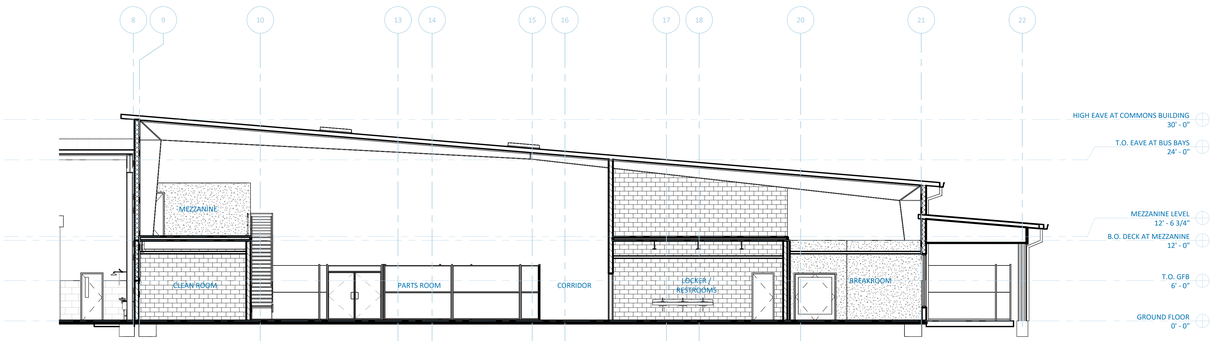
1 N-S SECTION THROUGH BUS BAYS - FACING COMMONS BUILDING

1/8" = 1'-0"



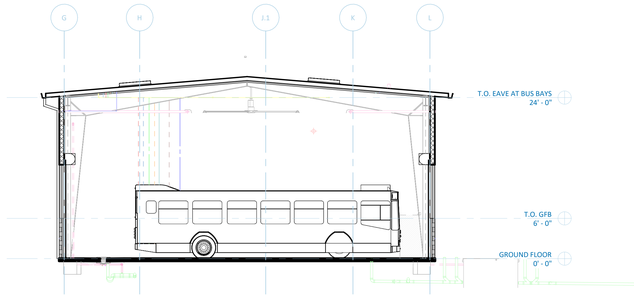
2 E-W SECTION THROUGH SMALL VEHICLE BAYS - FACING COMMONS BUILDING

1/8" = 1'-0"



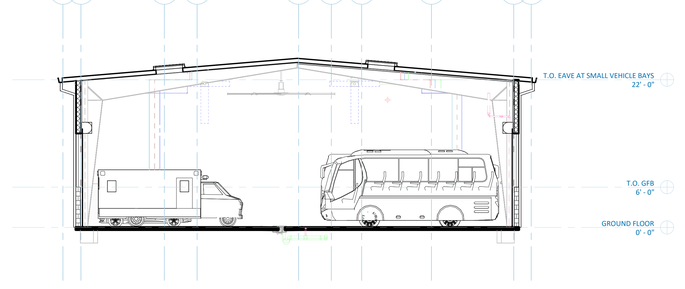
3 E-W SECTION THROUGH MEZZANINE AND MAIN STORAGE AREA

1/8" = 1'-0"



4 COORDINATION BUS BAY SECTION

1/8" = 1'-0"



5 COORDINATION VEHICLE BAY SECTION

1/8" = 1'-0"

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

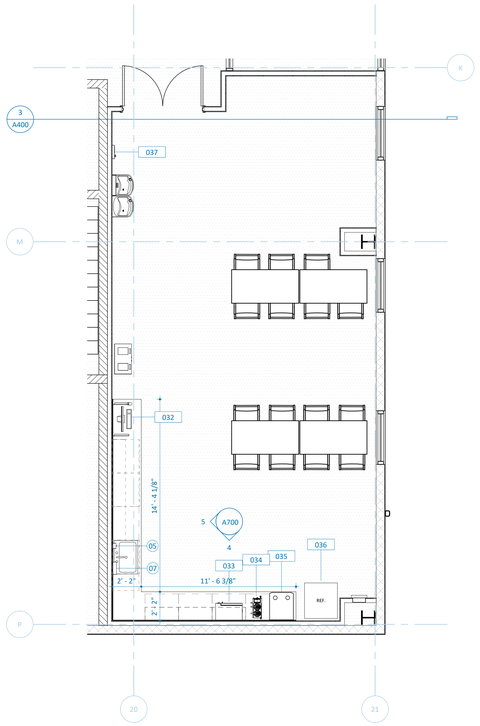
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

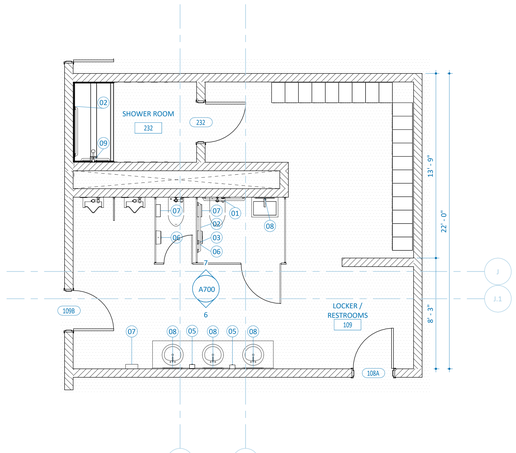
PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

BUILDING SECTIONS AND BUILDING CONNECTION DETAILS A400



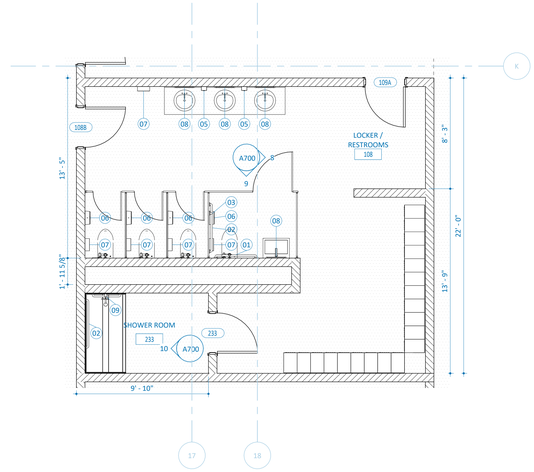
1 BREAKROOM - ENLARGED

1/4" = 1'-0"



2 M. RESTROOM - ENLARGED

1/4" = 1'-0"



3 W. RESTROOM - ENLARGED

1/4" = 1'-0"

SYMBOLS LEGEND

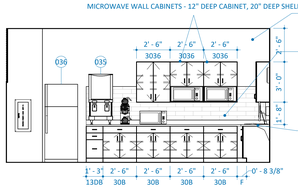
- 2 — DUPLEX RECEPTACLE
- 4 — QUAD RECEPTACLE
- LS — LIGHT SWITCH
- O — OXYGEN OUTLET
- V — VACUUM OUTLET
- A — MED AIR OUTLET
- N — NITROUS OXIDE OUTLET
- BS — BOTTLE SLIDE
- TELEPHONE / DATA OUTLET
- W — WALL TELEPHONE OUTLET
- NC — NURSE CALL

TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION
01	36" GRAB BAR
02	42" GRAB BAR
03	18" VERTICAL GRAB BAR
05	SOAP DISPENSER
06	SANITARY DISPOSAL UNIT
07	PAPER TOWEL DISPENSER
08	MIRROR
09	36" GRAB BAR

CASEWORK LEGEND

B	BASE
DB	DRAWER BASE
TB	TRASH BASE
SB	SINK BASE
TM	TALL MICROWAVE
F	FILLER STRIP



PT2 - SHERWIN WILLIAMS - SATIN FINISH - QUIETUDE SW6212 (ACCENT).

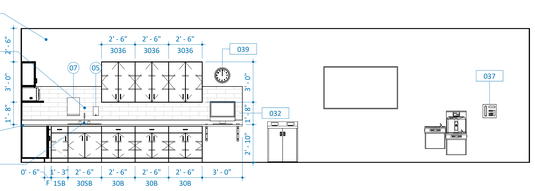
WT2 - 1/8" GROUT LINE (GT2) - BRICK INSTALLATION - BRUSHED STAINLESS STEEL L-SHAPED TILE TRIM ON UNFINISHED EDGES.

25" DEEP SOLID SURFACE (SSM2) MATERIAL W/ 4" BACKSPLASH.

42" STAINLESS STEEL DOUBLE BOWL DROP-IN SINK.

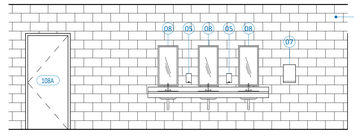
4 BREAKROOM - ELEV. 2

1/4" = 1'-0"



5 BREAKROOM - ELEV. 1

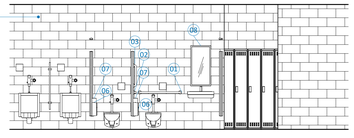
1/4" = 1'-0"



EXPOSED CMU PAINTED WITH PT2 - SHERWIN WILLIAMS - SATIN FINISH - QUIETUDE SW6212 (ACCENT)

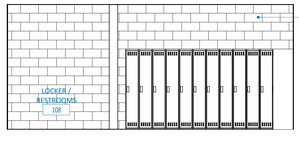
6 RESTROOM ELEVATION A

1/4" = 1'-0"



7 M. RESTROOM - N. ELEVATION

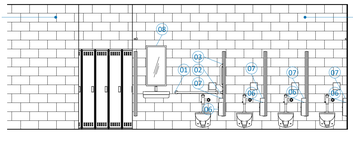
1/4" = 1'-0"



EXPOSED CMU PAINTED WITH PT2 - SHERWIN WILLIAMS - SATIN FINISH - QUIETUDE SW6212 (ACCENT)

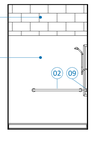
8 RESTROOM / LOCKER EAST ELEVATION

1/4" = 1'-0"



EXPOSED CMU PAINTED WITH PT2 - SHERWIN WILLIAMS - SATIN FINISH - QUIETUDE SW6212 (ACCENT)

INPRO2022 SOLID SURFACE PANELS. (JUST ON SHOWER WALLS)

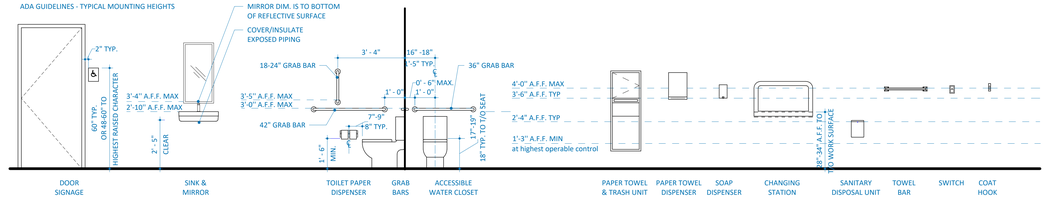


9 W. RESTROOM ELEVATION A

1/4" = 1'-0"

10 ADA SHOWER ELEVATION

1/4" = 1'-0"



11 TYPICAL ADA DETAILS & EQUIPMENT MOUNTING HEIGHTS

3/8" = 1'-0"

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, STE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE #2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY Author

EXTERIOR DOOR AND FRAME SCHEDULE

MARK	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICKNESS	DOOR TYPE	DOOR MATL	GLAZING	FRAME TYPE	FRAME MATL	FIRE RATING LABEL	NOTES	MARK
100	3' - 0"	7' - 0"	0' - 1 3/4"	FG	AL	-	AL2	AL	-	M;CR;SEE EXTERIOR BUILDING ELEVATION	100
107C	6' - 4"	7' - 0"	0' - 1 3/4"	F	HM	-	FT2	HM	-	PAIR OF 3'-2" DOORS	107C
111A	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	111A
111B	3' - 0"	7' - 0"	0' - 1 3/4"	N	HM	GL1	FT2	HM	-	CR;DS	111B
112A	6' - 4"	7' - 0"	0' - 1 3/4"	F	HM	-	FT2	HM	-	DS;PAIR OF 3'-2" DOORS	112A
119A	6' - 0"	8' - 0"	0' - 0 3/4"	OHD	STL	-	FT2	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	119A
120A	6' - 4"	7' - 0"	0' - 1 3/4"	F	HM	-	FT2	HM	-	PAIR OF 3'-2" DOORS	120A
151A	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	151A
151B	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	151B
152A	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	152A
152B	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	152B
153A	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	153A
153B	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	153B
154A	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	154A
154B	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	154B
155A	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	155A
155B	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	155B
156A	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	156A
156B	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	156B
157A	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	157A
157B	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	157B
157C	3' - 0"	7' - 0"	0' - 1 3/4"	N	HM	GL1	FT2	HM	-	CR	157C
157D	3' - 0"	7' - 0"	0' - 1 3/4"	N	HM	GL1	FT2	HM	-	CR	157D
161A	3' - 0"	7' - 0"	0' - 1 3/4"	N	HM	GL1	FT2	HM	-	CR	161A
161B	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	161B
162	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	162
163	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	163
164	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	164
165	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	165
166	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	166
167A	3' - 0"	7' - 0"	0' - 1 3/4"	N	HM	GL1	FT2	HM	-	CR	167A
167B	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	167B
168A	3' - 0"	7' - 0"	0' - 1 3/4"	N	HM	GL1	FT2	HM	-	CR	168A
168B	14' - 0"	14' - 0"	0' - 0 3/4"	OHD	STL	-	MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	168B
228A	3' - 0"	7' - 0"	0' - 1 3/4"	N	HM	GL1	FT2	HM	-	CR	228A
229B	3' - 0"	7' - 0"	0' - 1 3/4"	N	HM	GL1	FT2	HM	-		229B
234	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM	-	FT2	HM	-	STOREROOM LOCKSET, BLAST DOOR AND FRAME	234

INTERIOR DOOR AND FRAME SCHEDULE

MARK	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICKNESS	DOOR TYPE	DOOR MATL	GLAZING	FRAME DETAIL HEAD	FRAME DETAIL JAMB	FRAME DETAIL SILL	FRAME TYPE	FRAME MATL	FIRE RATING LABEL	NOTES	MARK
101A	3' - 0"	7' - 0"	0' - 1 3/4"	FG	AL	GL4				SL	AL	-		101A
101B	6' - 0"	8' - 0"	0' - 1 3/4"	N	HM	GL4				FT2	HM	1.0HR	PAIR OF 3'-0" DOORS	101B
102	6' - 0"	7' - 0"	0' - 1 3/4"	FG	HM	GL4				FT2	HM	-	PAIR OF 3'-0" DOORS	102
104	3' - 0"	7' - 0"	0' - 1 3/4"	HG	HM	GL4				FT2	HM	-		104
105	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM	-				FT2	HM	-		105
106	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM	-				FT2	HM	-		106
107A	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM	-				FT2	HM	-	CR	107A
107B	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM	-				FT2	HM	1.0HR	CR	107B
108A	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM	-				FT2	HM	-		108A
108B	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM	-				FT2	HM	1.0HR		108B
109A	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM	-				FT2	HM	-		109A
109B	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM	-				FT2	HM	1.0HR		109B
110A	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM	-				FT2	HM	-		110A
110B	8' - 0"	10' - 0"	0' - 0 3/4"	OHD	STL	-				MFR	STL	-	OVERHEAD;BASIS OF DESIGN FOR THERMAL PERFORMANCE: WAYNE DALTON THERMOTITE 800C	110B
112B	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM	-				FT2	HM	3.0HR		112B
113	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM	-				FT2	HM	-	PERIMETER GASKETING, SWEEP/AUTOMATIC DOOR BOTTOM	113
115	3' - 0"	7' - 0"	0' - 1 3/4"	HG	HM	GL4				FT2	HM	-		115
116	3' - 0"	7' - 0"	0' - 1 3/4"	HG	HM	GL4				FT2	HM	-	CR	116
119B	6' - 0"	8' - 0"	0' - 1 3/4"	N	HM	GL4				FT2	HM	-	PAIR OF 3'-0" DOORS	119B
122	3' - 0"	7' - 0"	0' - 1 3/4"	HG	HM	GL4				FT2	HM	1.0HR		122
123	3' - 0"	7' - 0"	0' - 1 3/4"	HG	HM	GL4				FT2	HM	1.0HR		123
126	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM	-				FT2	HM	-	ACOUSTIC SEALS	126
232	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM	-				FT2	HM	-		232
233	3' - 0"	7' - 0"	0' - 1 3/4"	F	HM	-				FT2	HM	-		233

ABBREVIATIONS

HM	HOLLOW METAL
WD	WOOD
F	FLUSH
N	NARROW LITE
HG	HALF GLASS
FG	FULL GLASS

GLAZING SCHEDULE

GL1 1" INSULATED GLAZING UNIT

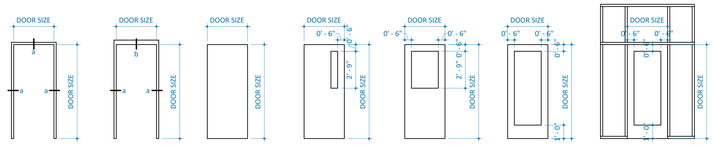
GL2 1" SPANDREL INSULATED GLAZING UNIT

GL3 1" GLAZING UNIT (HARDENED AREA)

GL4 1/4" TEMPERED

GENERAL DOOR SCHEDULE NOTES

1. HM FRAMES TO BE PAINTED PT3 - SEE SHEET A116


DOOR SIZE
DOOR SIZE
0' - 6"
0' - 6"
0' - 6"

ABBREVIATIONS

▲T	TEMPREATURE DIFFERENCE	LB	POUND
Ø	ROUND	LB/HR	POUNDS PER HOUR
ABV	ABOVE	LD	LINEAR DIFFUSER
AC	AIR CONDITIONING	LP	LOW PRESSURE
AD	AREA DRAIN	LP	LIQUEFIED PETROLEUM GAS
ADD	ADDENDUM	LVR	LOUVER
AIE	ARCHITECT / ENGINEER	LWT	LEAVING WATER TEMPERATURE
AFF	ABOVE FINISHED FLOOR	MA	MIXED AIR
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	MAX	MAXIMUM
ALT	ALTERNATE	MBH	ONE THOUSAND BTU PER HOUR
AP	ACCESS PANEL	M.C.	MECHANICAL CONTRACTOR
ARCH	ARCHITECT/ARCHITECTURAL	MD	MOTORIZED DAMPER
BAS	BUILDING AUTOMATION SYSTEM	MECH	MECHANICAL
BFF	BELOW FINISHED FLOOR	MFR	MANUFACTURER
BHP	BRAKE HORSEPOWER	MIN	MINIMUM
BLW	BELOW	MISC	MISCELLANEOUS
BTU	BRITISH THERMAL UNITS	MP	MEDIUM PRESSURE
BTUH	BRITISH THERMAL UNITS PER HOUR	MTR	MOTOR
CAP	CAPACITY	MUA	MAKE-UP/AIR
CB	CATCH BASIN	NC	NOISE CRITERIA
CD	CEILING DIFFUSER	NC	NORMALLY CLOSED
CFM	CUBIC FEET PER MINUTE	NIC	NOT IN CONTRACT
CFH	CUBIC FEET PER HOUR	NG	NATURAL GAS
CLG	CEILING	NO	NUMBER
C.M.	CONSTRUCTION MANAGER	NO	NORMALLY OPEN
CO	CLEAN OUT	NTS	NOT TO SCALE
CV	CONTROL VALVE	O	OXYGEN
CW	COLD WATER	OA	OUTSIDE AIR
D	DEGREE	ORD	OVERFLOW ROOF DRAIN
DB	DRY BULB	PD	PRESSURE DROP
DDC	DIRECT DIGITAL CONTROLS	PIV	POST INDICATOR VALVE
DIA	DIAMETER	PLBG	PLUMBING
DN	DOWN	PRESS	PRESSURE
DW	DEIONIZED WATER	PRV	PRESSURE REDUCING VALVE
EAT	ENTERING AIR TEMPERATURE	PSI	POUNDS PER SQUARE INCH
E.C.	ELECTRICAL CONTRACTOR	PSIG	POUNDS PER SQUARE INCH GAUGE
ELEC	ELECTRICAL	PWR	POWER
EQUIP	EQUIPMENT	R	DUCT RISER
EWC	ELECTRIC WATER COOLER	RA	RETURN AIR
EWT	ENTERING WATER TEMPERATURE	RCP	RADIANT CEILING PANEL
EA	EXHAUST AIR	RD	ROOF DRAIN
EG	EXHAUST GRILLE	REC	RECESSED
EXIST	EXISTING	RED	REDUCER
F	DEGREES FAHRENHEIT	RG	RETURN GRILLE
FCO	FLOOR CLEAN OUT	RH	RELATIVE HUMIDITY
FD	FLOOR DRAIN	RLA	RELIEF AIR
FDC	FIRE DEPARTMENT CONNECTION	RM	ROOM
FL	FLOOR	RPM	REVOLUTIONS PER MINUTE
FO	FUEL OIL	SA	SUPPLY AIR
FOV	FUEL OIL VENT	SAN	SANITARY
FOR	FUEL OIL RETURN	SD	SMOKE DAMPER
FOS	FUEL OIL SUPPLY	SF	SQUARE FOOT
FPC	FIRE PROTECTION CONTRACTOR	SG	SUPPLY GRILLE
FPM	FEET PER MINUTE	SM	SURFACE MOUNT
FS	FLOOR SINK	SP	STATIC PRESSURE
FT	FOOT/FEET	SR	SUPPLY REGISTER
FTR	FIN TUBE RADIATION	STM	STEAM
GAL	GALLON	T	THERMOSTAT
GF	GAS-FIRED	T.C.	TEMP CONTROLS CONTRACTOR
G.C.	GENERAL CONTRACTOR	TD	TEMPERATURE DROP
GPM	GALLONS PER MINUTE	TD	TRENCH DRAIN
GW	GREASE WASTE	TEMP	TEMPERATURE
HB	HOSE BIBB	TYP	TYPICAL
HP	HORSE POWER	UG	UNDERGROUND
HP	HIGH PRESSURE	VAC	VACUUM
HTG	HEATING	V	VENT
HTR	HEATER	VAV	VARIABLE AIR VOLUME
HW	HOT WATER	VENT	VENTILATION
HYD	HYDRANT	VTR	VENT THROUGH ROOF
ID	INDIRECT DRAIN	W	WASTE
IN	INCH	WB	WET BULB
I.E.	INVERT ELEVATION	WCO	WALL CLEAN OUT
K.E.C.	KITCHEN EQUIPMENT CONTRACTOR	WH	WALL HYDRANT
LAT	LEAVING AIR TEMPERATURE	YCO	YARD CLEANOUT

EQUIPMENT ABBREVIATIONS

AC	AIR CONDITIONING UNIT	ERV	ENERGY RECOVERY VENTILATOR
ACCU	AIR COOLING CONDENSING UNIT	EWH	ELECTRIC WATER HEATER
AHU	AIR HANDLING UNIT	FCU	FAN COIL UNIT
AS	AIR SEPARATOR	FP	FIRE PUMP
B	BOILER	GI	GREASE INTERCEPTOR
BCU	BLOWER COIL UNIT	GRV	GRAVITY ROOF VENTILATOR
CH	CHILLER	HP	HEAT PUMP
CT	COOLING TOWER	HWP	HEATING WATER PUMP
CUH	CABINET UNIT HEATER	HRU	HEAT RECOVERY UNIT
CHWP	CHILLED WATER PUMP	P	PUMP
CP	CONDENSER PUMP	PRV	POWER ROOF VENTILATOR
DBP	DOMESTIC WATER BOOSTER PUMP	RF	RETURN FAN
DC	DUCT MOUNTED COIL	RHC	REHEAT COIL
CP	DOMESTIC WATER CIRCULATING PUMP	RTU	ROOFTOP UNIT
EF	EXHAUST FAN	SP	SUMP PUMP
EDC	ELECTRIC DUCT COIL	UH	UNIT HEATER
ET	EXPANSION TANK	WH	WATER HEATER

* NOTE *

ALL GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL SUBSEQUENT SHEETS IN SHEET LIST. THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

GENERAL PLAN SYMBOLS

- PLAN REVISION NUMBER
- DETAIL NUMBER ON SHEET
- SHEET NUMBER WHERE DETAIL IS PLACED
- KEYNOTE SYMBOL
- POINT WHERE NEW CONNECTS TO EXISTING
- Room Name / Number — ROOM NAME / NUMBER
- AREA BEING DEMOLISHED
- AREA NOT IN CONTRACT
- MARK — SCHEDULED EQUIPMENT (UNDERLINED)
- MARK — NONSCHEDULED EQUIPMENT
- (E) MARK — EXISTING EQUIPMENT - HALFTONE - (E) PREFIX
- (R) MARK — EXISTING RELOCATED EQUIPMENT - (R) PREFIX

FIRE PROTECTION SYMBOLS

- FP — FIRE PROTECTION
- DRY — FIRE PROTECTION DRY
- PA — FIRE PROTECTION PRE-ACTION
- UPRIGHT SPRINKLER
- PENDENT SPRINKLER
- RECESSED SPRINKLER
- CONCEALED HEAD
- SIDEWALL SPRINKLER
- EXTENDED COVERAGE SPRINKLER
- OS&Y VALVE
- FIRE PUMP TEST HEADER
- POST INDICATOR VALVE
- SINGLE FIRE DPT. CONNECTION
- VALVE TAMPER DETECTION SWITCH
- FREESTANDING SIAMESE F.D. CONNECTION
- SIAMESE F.D. CONNECTION

GENERAL NOTES - FIRE PROTECTION

1. ALL FIRE PROTECTION WORK SHOULD BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION:
   - NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
   - NFPA 24 - STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES
   - NFPA 70 - NATIONAL ELECTRICAL CODE
   - 2023 FLORIDA BUILDING CODE, EIGHTH EDITION
   - 2023 FLORIDA FIRE PREVENTION CODE, EIGHTH EDITION
   - INTERNATIONAL FIRE CODE
   - LOCAL CODES, INCLUDING ALL AMENDMENTS AND ORDINANCES
2. COORDINATE INSTALLATION OF FIRE PROTECTION WORK WITH GENERAL CONTRACTOR/ CONSTRUCTION MANAGER AND ALL OTHER TRADES TO AVOID UNNECESSARY DELAY OR INTERFERENCES. CONTRACTOR SHALL REVIEW ARCHITECTURAL AND EQUIPMENT SHEETS. FIRE PROTECTION CONTRACTOR SHOULD PROVIDE RECORD DRAWING COMMENTARY REFLECTING ACTUAL INSTALLATION. PROVIDE ONE HARD-COPY SET TO A/E.
3. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL FEES AND PERMITS REQUIRED TO ACCOMPLISH THIS WORK.
4. REFERENCE ARCHITECTURAL DRAWINGS FOR CODE-RATED WALLS, FLOORS, AND CEILINGS. PROVIDE UL RATED, FM APPROVED FIRE STOP AT ALL NEW FIRE PROTECTION PIPE PENETRATIONS THROUGH FIRE RATED WALLS AND CEILINGS.
5. REFERENCE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPES, HEIGHTS AND OTHER CEILING MOUNTED ITEMS.
6. PROVIDE AND INSTALL AUXILIARY DRAINS AT ALL PIPING LOW POINTS. AUXILIARY DRAINS SHALL TERMINATE WITH A HOSE THREAD CONNECTION AND HAVE A PERMANENT LABEL ATTACHED.
7. DO NOT ROUTE PIPING DIRECTLY ABOVE OR BELOW ELECTRICAL PANELS, INCLUDING PANEL SERVICE CLEARANCES.
8. DO NOT SUSPEND PIPING FROM OTHER PIPING, DUCTWORK OR CONDUIT. ALL PIPING SHALL BE SUPPORTED FROM BUILDING STRUCTURE USING THE APPROPRIATE ATTACHMENTS.
9. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING, INSTALLING, TESTING AND CERTIFICATION OF REDUCED PRESSURE BACKFLOW DEVICE. POST CERTIFICATION ON BACKFLOW DEVICE ONCE TESTING HAS BEEN COMPLETED.
10. FIRE PROTECTION CONTRACTOR SHOULD REVIEW ANTICIPATED MANMATERIAL LIFT EQUIPMENT WITH OWNERS REPRESENTATIVE PRIOR TO UTILIZING FOR INSTALLATION. DAMAGED FLOORING RESULTING FROM UNAPPROVED EQUIPMENT WILL BE REPLACED AT THE FIRE PROTECTION CONTRACTOR'S EXPENSE.
11. REFER TO WRITTEN SPECIFICATIONS FOR EQUIPMENT AND MATERIAL RELATED TO THIS WORK.
12. FIRE PROTECTION CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH CORING REQUIRED FOR INSTALLATION OF NEW FIRE PROTECTION SYSTEMS. CORING ACTIVITIES SHOULD BE CLOSELY COORDINATED WITH OWNER'S REPRESENTATIVE. FPC SHALL DEMARCATE INTENDED CORING LOCATIONS AND REVIEW WITH OWNER PRIOR TO PROCEEDING WITH WORK.
13. FIRE PROTECTION CONTRACTOR SHOULD TAKE PRECAUTIONS NECESSARY TO MINIMIZE CONSTRUCTION DEBRIS TRANSFER TO ADJACENT NON-WORK AREAS.
14. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SUPPLYING AND INSTALLING ALL LOW VOLTAGE CABLING AND POWER WIRING/CONDUIT INDICATED ON THIS PLAN. COORDINATE WORK WITH ELECTRICAL CONTRACTOR PRIOR TO BID.
15. FIRE PROTECTION CONTRACTOR SHALL RUN ALL FIRE PROTECTION PIPING AS HIGH AS POSSIBLE WITHIN THE TRUSS SPACE. COORDINATE THE LOCATION OF ALL PIPING WITH THE STRUCTURAL PLANS, ARCHITECTURAL CEILING HEIGHTS AND OTHER TRADES TO AVOID CONFLICTS. NOTIFY CONSTRUCTION MANAGER AS SOON AS ANY CONFLICTS ARE DETECTED. FAILURE TO PROPERLY COORDINATE PIPE ROUTING WITH OTHER TRADES WILL BE REQUIRED TO BE MOVED AT THE FIRE PROTECTION CONTRACTOR'S EXPENSE.
16. FIRE PROTECTION CONTRACTOR SHALL PROVIDE AND INSTALL SPRINKLER HEADS ABOVE AND BELOW CEILING WHERE CONCEALED COMBUSTIBLE SPACES ARE PRESENT.
17. FIRE PROTECTION SYSTEM PIPING MUST BE HYDRAULICALLY CALCULATED, SIZED, AND BID USING SCHEDULE 10 ROLL-GROOVED AND SCHEDULE 40 CUT-GROOVED, THREADED OR WELDED PIPE. PIPE SCHEDULE DESIGN METHODS ARE NOT PERMITTED. HYDRAULIC CALCULATIONS MUST BE PERFORMED TO ALL APPLICABLE NFPA SPECIFICATIONS, AND SUBMITTED TO THE ARCHITECT/ENGINEER FOR APPROVAL AS PART OF THE SHOP DRAWING PROCEDURE. ROLL AND CUT GROOVED PIPE SHALL BE PROVIDED WITH MECHANICAL JOINT FITTINGS AND COUPLINGS.
18. PROVIDE DRAWINGS AND CALCULATIONS WITH PROFESSIONAL ENGINEER OR NICET III SEAL FOR SUBMITTAL TO AUTHORITY HAVING JURISDICTION FOR REVIEW PRIOR TO INSTALLATION.
19. THE FOLLOWING INFORMATION TO BE USED FOR HYDRAULIC CALCULATIONS:
    - A. OCCUPANCY CLASSIFICATION = LIGHT HAZARD / ORDINARY HAZARD GROUP 1 / ORDINARY HAZARD GROUP 2
    - B. AREA OF SPRINKLER APPLICATION = 1500 S.F.
    - C. AREA OF SPRINKLER COVERAGE = 200 S.F. / 130 S.F. / 130 S.F.
    - D. DENSITY = 0.10 GPM PER S.F. / 0.15 GPM PER S.F. / 0.20 GPM PER S.F.
    - E. RESIDUAL PRESSURE AT MOST REMOTE HEAD AS REQUIRED BY AREA OF APPLICATION.
    - F. HOSE STREAM ALLOWANCE = 100 GPM / 250 GPM / 250 GPM.
20. UNDERGROUND FIRE SERVICE CONTRACTORS ARE REQUIRED TO HAVE A CLASS I OR V LICENSE.

FIRE PROTECTION SHEET INDEX

FPM000	FIRE PROTECTION COVER PAGE
FPM100	FIRE PROTECTION FLOOR PLAN
FPM500	FIRE PROTECTION DETAILS AND SCHEDULES

KED bluestone
5018 NW 88th Street
Johnston, IA 50131
515-727-0757
www.KEDbluestone.com

PROJECT NUMBER: 126100
KEDbluestone RESERVES PROPRIETARY RIGHTS. INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN. THIS DRAWING AND THE DATA SHOWN ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

FIRE PROTECTION COVER PAGE **FPM000**

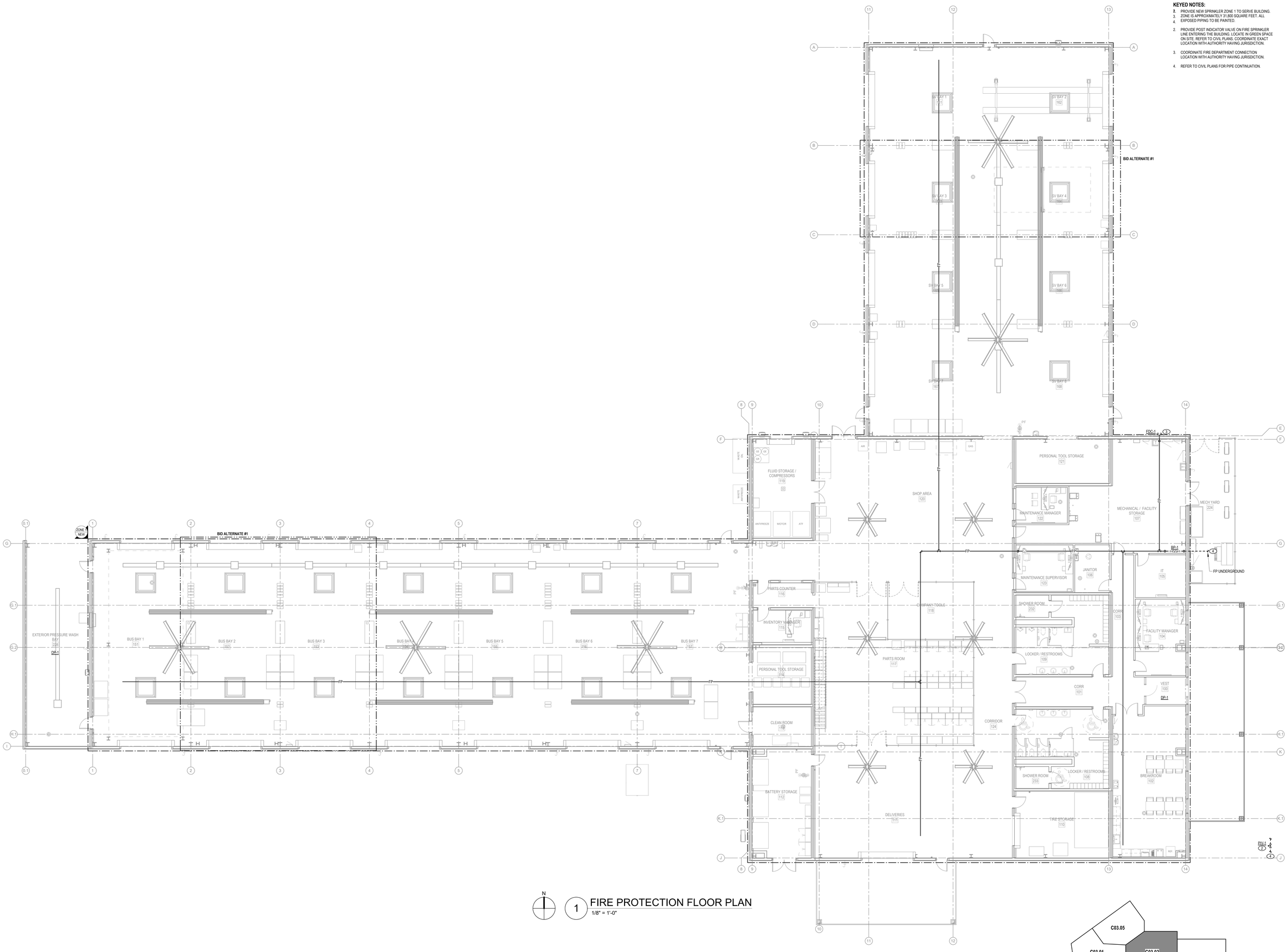
KEYED NOTES:

2. PROVIDE NEW SPRINKLER ZONE 1 TO SERVE BUILDING.
3. ZONE IS APPROXIMATELY 31,800 SQUARE FEET. ALL
4. EXPOSED PIPING TO BE PAINTED.

2. PROVIDE POST INDICATOR VALVE ON FIRE SPRINKLER LINE ENTERING THE BUILDING. LOCATE IN GREEN SPACE ON SITE. REFER TO CIVIL PLANS. COORDINATE EXACT LOCATION WITH AUTHORITY HAVING JURISDICTION.

3. COORDINATE FIRE DEPARTMENT CONNECTION LOCATION WITH AUTHORITY HAVING JURISDICTION.

4. REFER TO CIVIL PLANS FOR PIPE CONTINUATION.



N

1 FIRE PROTECTION FLOOR PLAN
1/8" = 1'-0"

KEY MAP

KED bluestone
5618 NW 88th Street
Johnston, IA 50131
515-727-2700
www.KEDbluestone.com

PROJECT NUMBER: 12b109
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED IN ANY MANNER WITHOUT THE PRIOR EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

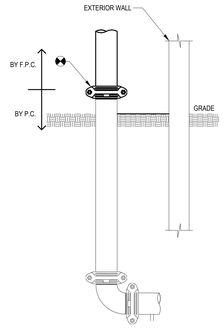
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

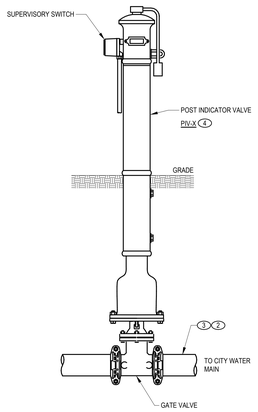
OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

FIRE PROTECTION FLOOR PLAN **FPM100**

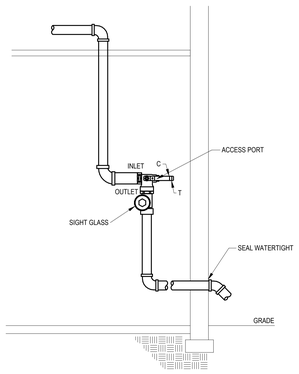




1 FREE STANDING PIV
N.T.S.

KEYED NOTES:

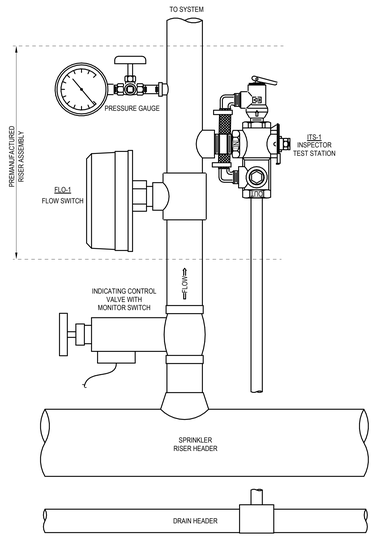
1. SEAL ALL WALL AND FLOOR PENETRATIONS WATERTIGHT.
2. INSTALL WITH PROPER SUPPORT AND THRUST RESTRAINTS PER NFPA AND LOCAL WATER DEPARTMENT.
3. UNDERGROUND PIPING TO MEET MINIMUM BURY DEPTH AS OUTLINED IN THE SPECIFICATION.
4. PIV IS PROVIDED BY FPC AND INSTALLED BY P.C.



2 REMOTE INSPECTOR TEST ASSEMBLY
N.T.S.

GENERAL NOTES:

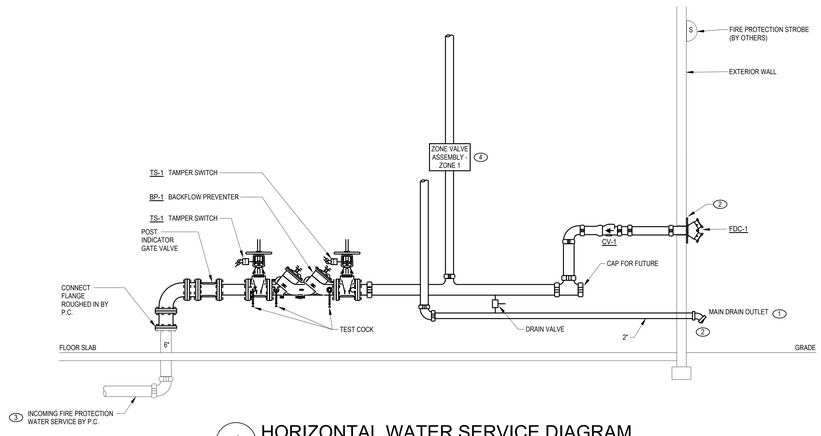
1. DRY PIPE SYSTEMS SHALL HAVE THE INSPECTOR TEST VALVE LOCATED AT THE MOST REMOTE LOCATION AS REQUIRED BY NFPA 13.
2. PROVIDE A SPLASH BLOCK IN AREAS WITHOUT HARD SURFACES AT DISCHARGE.



3 ZONE VALVE ASSEMBLY
N.T.S.

GENERAL NOTES:

1. COMPONENTS CAN BE PROVIDED AS A PREMANUFACTURED ASSEMBLY OR AS INDIVIDUAL COMPONENTS.
2. FOR COMBINED STANDPIPE SYSTEMS PROVIDE A CHECK VALVE AS REQUIRED BY NFPA 14
3. FOR COMBINED STANDPIPE SYSTEM PROVIDE A PRESSURE RELIEF VALVE AS REQUIRED BY NFPA 13.
4. FOR DRY SYSTEMS PROVIDE THE INSPECTOR TEST VALVE AT THE MOST REMOTE LOCATION AS REQUIRED BY NFPA 13



4 HORIZONTAL WATER SERVICE DIAGRAM
N.T.S.

KEYED NOTES:

1. TURN DOWN 45°. IF PIPING DISCHARGE IS LOCATED ABOVE A MATERIAL OTHER THAN HARD SURFACE, PROVIDE A CONCRETE SPLASH BLOCK.
2. ALL WALL PENETRATIONS SHALL BE SEALED WATERTIGHT.
3. CONTRACTOR TO VERIFY THE WATER SERVICE ENTRANCE SIZE INDICATED, BASED ON HYDRANT FLOW TEST DATA TAKEN AT SITE AND SYSTEM FLOW AND PRESSURE REQUIREMENTS
4. REFER TO ZONE VALVE ASSEMBLY DETAIL FOR ALL REQUIRED COMPONENTS.

FIRE PROTECTION MATERIAL LIST

EQUIPMENT (NOTE 1)	MANUFACTURER	DESCRIPTION	FIRE ALARM CONNECTION(S)	RATINGS UL	RATINGS FM	NOTES
BFV-1	TYCO, ANVIL, KENNEDY, MILWAUKEE, NIBCO, VICTAULIC	ITEM: BUTTERFLY VALVE - INDICATING TYPE, METAL WHEEL HANDLE, SUPERVISORY SWITCH WITH AUXILLIARY CONTACTS. 2" AND SMALLER, BRONZE BODY WITH THREADED ENDS. 2-1/2" AND LARGER, CAST OR DUCTILE IRON BODY WITH FLANGED OR GOOVED ENDS.	X	x		-
BP-1	FEBCO 850 SERIES AMES / FEBCO / WATTS, APOLLO / CONBRACO, ZURN / WILKINS	ITEM: BACKFLOW PREVENTER - DOUBLE CHECK DETECTOR ASSEMBLY RATED FOR 2-1/2" - 10" DIAMETER PIPING. THE CHECK VALVES SHALL UTILIZE CAPTURED SPRINGS AND SHALL HAVE REPLACEABLE SEATS. THE CHECKS SHALL BE DOUBLE-GUIDED, BOTH ALONG THE OUTSIDE EDGE OF THE CHECK MODULE AND THROUGH THE CENTER STEM ASSEMBLY. THE SEATS SHALL BE REPLACEABLE WITHOUT THE USE OF SPECIAL TOOLS. ACCESS TO THE INTERNAL CHECK ASSEMBLIES SHALL BE VIA A SINGLE TOP ENTRY COVER. THE COVER SHALL BE SECURELY HELD IN PLACE BY STAINLESS STEEL BOLTS. THE ASSEMBLY SHALL BE LISTED OR APPROVED UNDER THE REQUIREMENTS OF ASSE STD. 1048, AWWA STD. C510-92 AND CSA B64.5. APPROVED BY THE FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH AT THE UNIVERSITY OF SOUTHERN CALIFORNIA.	X	X		2
CV-1	VIKING MODEL G-1 NIBCO, RELIABLE, VICTAULIC	ITEM: CHECK VALVE - 3" - 8" CHECK VALVES SHALL BE CONSTRUCTED OF A DUCTILE IRON BODY WITH A BRASS SEAT AND A RUBBER FACED CLAPPER ASSEMBLY HINGED TO A REMOVABLE ACCESS COVER. VALVES SHALL HAVE A 250 PSI WORKING PRESSURE.		X		-
DP-1	VICTAULIC MODEL VS1 OR APPROVED EQUAL	ITEM: DRY PENDANT SPRINKLER HEAD WITH A FLEXIBLE CONNECTION SERVED OFF THE WET PIPE SPRINKLER SYSTEM. AVAILABLE IN PENDENT, CONCEALED AND HORIZONTAL SIDEWALL WITH LENGTHS UP TO 59". HOSE CONSTRUCTED OF STAINLESS STEEL. UL MODELS TO ALLOW FOR (4) 90 DEGREE BENDS. CONFIRM NUMBER OF 90 DEG BENDS ALLOWED FOR PH RATED MODELS. RATED FOR USE IN LIGHT AND ORDINARY HAZARD SYSTEMS.		X	X	-
FDC-1	POTTER, FIPP, CROKER	ITEM: FIRE DEPARTMENT CONNECTION - 4" X (2) 2-1/2" SIAMESE CONNECTION WITH NO CLAPPER. CAST BRASS BODY RATED FOR 175 PSI. PIN LUG DESIGN, 2-1/2" SWIVEL INLETS AND SWIVEL GASKETS. PROVIDE WITH CAPS AND CHAINS AS WELL AS BREAKABLE CAPS IN METAL OR PLASTIC TO PROTECT SWIVELS. PROVIDE WITH A POLISHED BRASS PLATE TO LABEL "AUTO SPKR". ACCESSORIES: BALL DRIP VALVE TO PROVIDE DRAINAGE OF ALL PIPING THAT COULD POTENTIALLY FREEZE. PIPE TO BUILDING EXTERIOR ABOVE SPLASH BLOCK OR HARD SURFACE. SEAL ALL EXTERIOR WALL PENETRATIONS WATERTIGHT.		X		3
FLO-1	SYSTEM SENSOR WFD SERIES VIKING, POETTER	ITEM: FLOW SWITCH - WATER FLOW SWITCH - SHALL BE A VANE TYPE WATERFLOW SWITCH AFFIXED TO THE SYSTEM RISER. WATER VANE TYPE SWITCH SHALL BE LABELED AS TO THE CORRECT ORIENTATION OF FLOW WHEN MOUNTED ON SYSTEM PIPING. IF DRILLING OF THE SYSTEM RISER IS NECESSARY TO MOUNT FLOW SWITCH, THE DRILLED OUT DISC SHALL BE RETRIEVED AND ATTACHED TO THE MOUNTING U-BOLT OF THE FLOW SWITCH. THE VANE TYPE FLOW SWITCH SHALL BE EQUIPPED WITH AN ADJUSTABLE DELAY OF AUDIBLE ALARM INITIATION APPROVED FOR ITS INTENDED USE. ADJUSTMENT RANGE SHALL BE FROM 0 TO 90 SECONDS.	X	X		-
ITS-1	AGF MODEL 1000, RELIABLE, TYCO, VIKING	ITEM: INSPECTOR TEST STATION - COMBINATION TEST AND DRAIN ASSEMBLY SHALL CONFORM TO NFPA STANDARDS NFPA-13, NFPA-13R AND NFPA-13D (AS APPLICABLE). THE COMBINATION TEST AND DRAIN VALVE SHALL BE RATED FOR A WORKING PRESSURE OF 300 PSIG. ANGLED DESIGN WITH A TAMPER RESISTANT TEST ORIFICE FOR ALL SIZES, TAMPER RESISTANT SIGHT GLASSES AND STEEL IDENTIFICATION PLATE INDICATING THE VALVE'S MODEL NUMBER, ORIFICE SIZE, AND CURRENT POSITION (OFF-TEST-DRAIN). BRONZE BODY, BRASS STEM, IMPREGNATED TEFLON SEAT, CHROME COATED BRASS BALL, F.I.P.T., AND A STEEL HANDLE ALLOWING FOR POSITIVE STOPS AT THE TEST AND DRAIN POSITIONS. TAPPED PORT IN THE VALVE BODY FOR INSTALLATION OF THE RELIEF VALVE AND A PRESSURE GAUGE. LOCKING KIT, IF SPECIFIED, SHALL PROVIDE VANDAL RESISTANCE AND PREVENT ACCIDENTAL ALARM ACTIVATION.		X		-
PIV-1	MUELLER NIBCO, KENNEDY VICTAULIC	ITEM: FREE STANDING POST INDICATOR VALVE - 2" - 12" BASE MOUNTED VALVE ASSEMBLY, CAST IRON CONSTRUCTION, TO CONNECT TO A NON-RISING STEM GATE VALVE. POSITION INDICATOR AND LOCKABLE HANDLE.		X		-
	MUELLER NIBCO VICTAULIC	ITEM: GATE VALVE - 2" - 12" OS & Y GATE VALVE WITH NON-RISING STEM. VALVE RATED FOR 175 PSI AND DESIGNED TO CONNECT TO THE POST INDICATOR VALVE.		X		-
	SYSTEM SENSOR PIBVQ, POTTER, PRIOR APPROVED EQUAL	ITEM: TAMPER SWITCH - POST INDICATOR VALVE SUPERVISORY SWITCH INSTALLED ON EACH VALVE AS DESIGNATED ON THE DRAWINGS. MOUNT SWITCHES TO NOT INTERFERE WITH OPERATION OF THE VALVE AND OPERATE WITHIN TWO REVOLUTIONS OF THE VALVE. ASSEMBLY TO BE CONTAINED IN A WEATHERPROOF DIE CAST METAL HOUSING, WITH A 1/2" CONDUIT CONNECTION, AND INCORPORATE A NPT NIPPLE FOR ATTACHMENT TO THE VALVE BODY. THE SWITCH ASSEMBLY SHALL INCLUDE TWO SWITCHES EACH WITH A RATED CAPACITY OF 10 AMP @ 125/250VAC AND 2.5 AMP @ 24VDC. TAMPER RESISTANT COVER LISTED FOR INDOOR OR OUTDOOR USE.	X	X		-
TS-1	SYSTEM SENSOR OSYZ, POTTER, PRIOR APPROVED EQUAL	ITEM: TAMPER SWITCH - OS & Y SUPERVISORY SWITCH INSTALLED ON EACH VALVE AS DESIGNATED ON THE DRAWINGS. MOUNT SWITCHES TO NOT INTERFERE WITH OPERATION OF THE VALVE AND OPERATE WITHIN TWO REVOLUTIONS OF THE VALVE. ASSEMBLY TO BE CONTAINED IN A WEATHERPROOF DIE CAST METAL HOUSING, WITH A 1/2" CONDUIT CONNECTION, AND NECESSARY EQUIPMENT FOR ATTACHMENT TO THE VALVE. THE SWITCH ASSEMBLY SHALL INCLUDE TWO SWITCHES EACH WITH A RATED CAPACITY OF 10 AMP @ 125/250VAC AND 2.5 AMP @ 24VDC. TAMPER RESISTANT COVER LISTED FOR INDOOR OR OUTDOOR USE.	X	X		-

NOTES:
1. REFER TO THE SPECIFICATIONS FOR ADDITIONAL VALVE AND EQUIPMENT REQUIREMENTS.
2. UNIT APPROVED FOR VERTICAL OR HORIZONTAL INSTALLATION
3. COORDINATE EXACT REQUIREMENTS WITH AHJ.

PIPING APPLICATION SCHEDULE (FIRE PROTECTION)

SYSTEM (NOTE 1)	USAGE	LOCATION	DESIGN WORKING PRESSURE (PSI) (NOTE 2)	MATERIAL	SCHEDULE	JOINTS	USAGE SIZE RANGE	NOTES
SERVICE PIPING	PIPING BETWEEN THE FIRE DEPARTMENT CONNNECTION AND CHECK VALVES	ABOVE GRADE	STANDARD	GALVANIZED	10 OR 40	GROOVED ENDS	ALL	4
SERVICE PIPING	WATER SERVICE ENTRANCE TO THE BUILDING - BACKFLOW PREVENTER	ABOVE GRADE	STANDARD	BLACK STEEL	10 OR 40	GROOVED ENDS OR WELDED	ALL	-
DRAIN RISERS	INSPECTOR TEST DISCHARGE RISER OR HOSE VALVE TEST DRAIN	ABOVE GRADE	STANDARD	GALVANIZED	40	THREADED, WELDED, OR GROOVED (CUT OR ROLLED)	ALL	3, 4
					10	WELDED, OR ROLL-GROOVED	ALL	3, 4
WET - PIPE SPRINKLER	FIRE PROTECTION MAIN AND BRANCH PIPING	ABOVE GRADE	STANDARD	BLACK STEEL	40	THREADED, WELDED, OR GROOVED (CUT OR ROLLED)	2" AND SMALLER	3
					10	WELDED, OR ROLL-GROOVED	2-1/2" AND LARGER	3

NOTES:
1. REFER TO EACH PIPING SPECIFICATION FOR SPECIFIC PIPING REQUIREMENTS.
2. STANDARD PRESSURE IS + 175 PSI / HIGH PRESSURE IS 175 - 350 PSI
3. PAINT EXPOSED PIPING. COORDINATE WITH ARCHITECT.
4. PROVIDE GALVANIZED PIPING WHERE REQUIRED BY NFPA.

FIRE SPRINKLER USAGE MATRIX

SPRINKLER CALLOUT	AREA TYPE SERVED	HAZARD CLASSIFICATION: LIGHT	ORD GROUP 1	ORD GROUP 2	EXTRA GROUP 1	EXTRA GROUP 2	SPRINKLER TYPE: PENDANT	UPRIGHT	RECESSED	GASKETED	SIDEWALL	CONCEALED	TYPE OF SYSTEM SERVED: WET - PIPE	DRY - PIPE	DOUBLE INTERLOCK	CHEMICAL SYSTEM	WET - PIPE W/ DIFFERENT	GL VCDL	CEILING TYPE: LAY - IN	GYP BOARD	CLOGS	EXPOSED STRUCTURE	SPRINKLER FINISH: CHROME	WHITE	CUSTOM COLOR	POLISHED BRASS	ROUGH BRASS	RESPONSE TYPE: QUICK	STANDARD	ESFR	NOTES
SPR-1	OFFICE / CONFERENCE ROOM	X										X	X						X					X				X			-
SPR-2	STORAGE		X					X					X									X					X	X			1, 2
SPR-3	JANITOR CLOSET		X									X	X						X					X				X			-
SPR-4	MECHANICAL / ELECTRICAL ROOMS		X					X					X									X					X	X			1, 2
SPR-5	ENTRANCE VESTIBULE	X										X					X			X				X				X			3
SPR-6	CANOPY (WITH VEHICLE BELOW)	X										X					X					X		X				X			3
SPR-7	FLUIDS STORAGE					X		X					X									X					X	X			1, 2
SPR-8	MECHANICAL MEZZANINE		X					X					X									X					X	X			1, 2
SPR-9	REPAIR GARAGES			X				X					X									X					X	X			1, 2
SPR-10	LOCKER ROOMS	X										X	X							X				X				X			-
SPR-11	BATTERY STORAGE				X			X					X									X					X	X			1, 2

GENERAL NOTES: (APPLIES TO ALL AREAS AND SPRINKLER TYPES)
1. SPRINKLER CALLOUT TO BE USED IN THE SHOP DRAWING PROCESS FOR NOTING THE VARIOUS SPRINKLER CONFIGURATIONS.
2. ALL SPRINKLERS TO BE UL LISTED.
3. CONTRACTOR TO VERIFY SPRINKLER TEMPERATURE RATING IS ADEQUATE FOR THE AREA TO BE SERVED. THIS INCLUDES AREAS WITH ELEVATED TEMPERATURES DUE TO EQUIPMENT IN THE SPACE.
4. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR THE CEILING MATERIAL AND LAYOUT.

NOTES:
1. INSTALL PIPE MOUNTED SPRINKLER GUARD CONFORMING TO UL 199 STANDARDS ON ALL SPRINKLERS IN THIS AREA.
2. PROVIDE SPRINKLER COVERAGE ABOVE AND BELOW OBSTRUCTIONS.
3. DRY PENDANT HEAD TO SERVE AREAS WITH FREEZE POTENTIAL. USE MODEL DP-1 FROM THE FPML. ALL FIRE PROTECTION PIPING NORMALLY CONTAINING WATER WILL NEED TO BE LOCATED IN A SPACE MAINTAINED ABOVE 40 DEG F.

KED bluestone
5518 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER 19-026

KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHT, IN THESE PLANS, SPECIFICATIONS AND PARTS THEREOF. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

FIRE PROTECTION DETAILS AND SCHEDULES FPM500

GENERAL PLAN SYMBOLS

- PLAN REVISION NUMBER
- DETAIL NUMBER ON SHEET / SHEET NUMBER WHERE DETAIL IS PLACED
- KEYNOTE SYMBOL
- CONTINUATION SYMBOL
- POINT WHERE NEW CONNECTS TO EXISTING
- Room Name / Number — ROOM NAME / NUMBER
- AREA BEING DEMOLISHED
- AREA NOT IN CONTRACT
- MARK — SCHEDULED EQUIPMENT (UNDERLINED)
- MARK — NONSCHEDULED EQUIPMENT
- (E) MARK — EXISTING EQUIPMENT - HALFTONE - (E) PREFIX
- (R) MARK — EXISTING RELOCATED EQUIPMENT - (R) PREFIX

ABBREVIATIONS

▲T	TEMPERATURE DIFFERENCE	LB	POUND
Ø	ROUND	LB/HR	POUNDS PER HOUR
ABV	ABOVE	LD	LINEAR DIFFUSER
AC	AIR CONDITIONING	LP	LOW PRESSURE
AD	AREA DRAIN	LP	LIQUEFIED PETROLEUM GAS
ADD	ADDENDUM	LVR	LOUVER
A/E	ARCHITECT / ENGINEER	LWT	LEAVING WATER TEMPERATURE
AFF	ABOVE FINISHED FLOOR	MA	MIXED AIR
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	MAX	MAXIMUM
ALT	ALTERNATE	MBH	ONE THOUSAND BTU PER HOUR
AP	ACCESS PANEL	M.C.	MECHANICAL CONTRACTOR
ARCH	ARCHITECT/ARCHITECTURAL	MD	MOTORIZED DAMPER
BAS	BUILDING AUTOMATION SYSTEM	MECH	MECHANICAL
BFF	BELOW FINISHED FLOOR	MFR	MANUFACTURER
BHP	BRAKE HORSEPOWER	MIN	MINIMUM
BLW	BELOW	MISC	MISCELLANEOUS
BTU	BRITISH THERMAL UNITS	MP	MEDIUM PRESSURE
BTUH	BRITISH THERMAL UNITS PER HOUR	MTR	MOTOR
CAP	CAPACITY	MUA	MAKE-UP AIR
CB	CATCH BASIN	NC	NOISE CRITERIA
CD	CEILING DIFFUSER	NC	NORMALLY CLOSED
CFM	CUBIC FEET PER MINUTE	NIC	NOT IN CONTRACT
CFH	CUBIC FEET PER HOUR	NG	NATURAL GAS
CLG	CEILING	NO	NUMBER
C.M.	CONSTRUCTION MANAGER	NO	NORMALLY OPEN
CO	CLEAN OUT	NTS	NOT TO SCALE
CV	CONTROL VALVE	O	OXYGEN
CW	COLD WATER	OA	OUTSIDE AIR
D	DEGREE	ORD	OVERFLOW ROOF DRAIN
DB	DRY BULB	PD	PRESSURE DROP
DDC	DIRECT DIGITAL CONTROLS	PIV	POST INDICATOR VALVE
DIA	DIAMETER	PLBG	PLUMBING
DN	DOWN	PRESS	PRESSURE
DW	DEIONIZED WATER	PRV	PRESSURE REDUCING VALVE
EAT	ENTERING AIR TEMPERATURE	PSI	POUNDS PER SQUARE INCH
E.C.	ELECTRICAL CONTRACTOR	PSIG	POUNDS PER SQUARE INCH GAUGE
ELEC	ELECTRICAL	PWR	POWER
EQUIP	EQUIPMENT	R	DUCT RISER
EWC	ELECTRIC WATER COOLER	RA	RETURN AIR
EWT	ENTERING WATER TEMPERATURE	RCP	RADIANT CEILING PANEL
EA	EXHAUST AIR	RD	ROOF DRAIN
EG	EXHAUST GRILLE	REC	RECESSED
EXIST	EXISTING	RED	REDUCER
F	DEGREES FAHRENHEIT	RG	RETURN GRILLE
FCO	FLOOR CLEAN OUT	RH	RELATIVE HUMIDITY
FD	FLOOR DRAIN	RLA	RELIEF AIR
FDC	FIRE DEPARTMENT CONNECTION	RM	ROOM
FL	FLOOR	RPM	REVOLUTIONS PER MINUTE
FO	FUEL OIL	SA	SUPPLY AIR
FOV	FUEL OIL VENT	SAN	SANITARY
FOR	FUEL OIL RETURN	SD	SMOKE DAMPER
FOS	FUEL OIL SUPPLY	SF	SQUARE FOOT
FPC	FIRE PROTECTION CONTRACTOR	SG	SUPPLY GRILLE
FPM	FEET PER MINUTE	SM	SURFACE MOUNT
FS	FLOOR SINK	SP	STATIC PRESSURE
FT	FOOT/FEET	SR	SUPPLY REGISTER
FTR	FIN TUBE RADIATION	STM	STEAM
GAL	GALLON	T	THERMOSTAT
GF	GAS-FIRED	T.C.	TEMP CONTROLS CONTRACTOR
G.C.	GENERAL CONTRACTOR	TD	TEMPERATURE DROP
GPM	GALLONS PER MINUTE	TD	TRENCH DRAIN
GW	GREASE WASTE	TEMP	TEMPERATURE
HB	HOSE BIBB	TYP	TYPICAL
HP	HORSE POWER	UG	UNDERGROUND
HP	HIGH PRESSURE	VAC	VACUUM
HTG	HEATING	V	VENT
HTR	HEATER	VAV	VARIABLE AIR VOLUME
HW	HOT WATER	VENT	VENTILATION
HYD	HYDRANT	VTR	VENT THROUGH ROOF
ID	INDIRECT DRAIN	W	WASTE
IN	INCH	WB	WET BULB
I.E.	INVERT ELEVATION	WCO	WALL CLEAN OUT
K.E.C.	KITCHEN EQUIPMENT CONTRACTOR	WH	WALL HYDRANT
LAT	LEAVING AIR TEMPERATURE	YCO	YARD CLEANOUT

EQUIPMENT ABBREVIATIONS

AC	AIR CONDITIONING UNIT	ERV	ENERGY RECOVERY VENTILATOR
ACCU	AIR COOLING CONDENSING UNIT	EWH	ELECTRIC WATER HEATER
AHU	AIR HANDLING UNIT	FCU	FAN COIL UNIT
AS	AIR SEPARATOR	FP	FIRE PUMP
B	BOILER	GI	GREASE INTERCEPTOR
BCU	BLOWER COIL UNIT	GRV	GRAVITY ROOF VENTILATOR
CH	CHILLER	HP	HEAT PUMP
CT	COOLING TOWER	HWP	HEATING WATER PUMP
CUH	CABINET UNIT HEATER	HRU	HEAT RECOVERY UNIT
CHWP	CHILLED WATER PUMP	P	PUMP
CP	CONDENSER PUMP	PRV	POWER ROOF VENTILATOR
DBP	DOMESTIC WATER BOOSTER PUMP	RF	RETURN FAN
DC	DUCT MOUNTED COIL	RHC	REHEAT COIL
CP	DOMESTIC WATER CIRCULATING PUMP	RTU	ROOFTOP UNIT
EF	EXHAUST FAN	SP	SUMP PUMP
EDC	ELECTRIC DUCT COIL	UH	UNIT HEATER
ET	EXPANSION TANK	WH	WATER HEATER

* NOTE *

ALL GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL SUBSEQUENT SHEETS IN SHEET LIST. THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

PLUMBING PIPING

- 2" — NOMINAL PIPE SIZE
- 2" CW — EXISTING PIPE TO REMAIN
- PIPE TO BE DEMOLISHED
- COLD WATER TYPE
- CW — COLD WATER
- SCW — SOFTENED COLD WATER
- HOT WATER TYPE
- HW — HOT WATER
- HW 140° — HOT WATER 140°
- SHW — SOFTENED HOT WATER
- HOT WATER RECIRC TYPE
- HWC — HOT WATER RECIRC
- HWC 140° — HOT WATER RECIRC 140°
- SHWC — SOFTENED HOT WATER RECIRC
- DI — DEIONIZED WATER
- DIR — DEIONIZED WATER RETURN
- RO — REVERSE OSMOSIS
- ROR — REVERSE OSMOSIS RETURN
- WS — WATER SERVICE
- ST — STORM
- STO — STORM OVERFLOW
- SAN — SANITARY
- PD — PUMPED DISCHARGE
- V — VENT
- AW — ACID WASTE
- AV — ACID VENT
- GSAN — GREASE SANITARY
- GV — GREASE VENT
- OW — OIL WASTE
- OV — OIL VENT
- CA — COMPRESSED AIR

PIPE FITTINGS

- PIPE RISE / DROP
- PIPE ELBOW
- PIPE TEE HORIZONTAL / RISER / DROP
- PIPE CAP / CLEANOUT / CONTINUATION
- P-TRAP

PIPE ACCESSORIES

- BALANCING VALVE
- BALL VALVE
- SOLENOID VALVE
- GATE VALVE
- GENERIC ISOLATION VALVE
- PRESSURE REDUCING VALVE
- UNION
- STRAINER
- WATER METER
- ANGLE VALVE
- BUTTERFLY VALVE
- PLUG VALVE
- INLINE PUMP
- HOSE BIBB/ HYDRANT
- PRESSURE GAUGE
- AIR VENT
- PRESSURE RELIEF
- BACKFLOW PREVENTER
- BACKFLOW PREVENTER

FIXTURE SYMBOLS

- FD — FLOOR DRAIN (ROUND)
- FD — FLOOR DRAIN (SQUARE)
- FCO — FLOOR CLEANOUT
- FS — FLOOR SINK
- RD — COMBINATION ROOF DRAIN
- RD — ROOF DRAIN

GENERAL NOTES - PLUMBING

1. ALL PLUMBING WORK SHOULD BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION:
   - 2023 FLORIDA PLUMBING CODE
   - 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
   - 2023 FLORIDA BUILDING CODE, ENERGY CONSERVATION
   - LOCAL CODES, INCLUDING ALL AMENDMENTS AND ORDINANCES.
2. THESE DRAWINGS ARE DIAGRAMMATIC, NOT ALL PIPING, FITTINGS, OFFSETS, VALVES OR OTHER ACCESSORIES ARE SHOWN. THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL ANY/ALL NECESSARY PIPING, FITTINGS, VALVES, REGULATORS, GAUGES, HANGERS, INSULATION, EQUIPMENT, FIXTURES, ETC, REQUIRED FOR A COMPLETE FUNCTIONAL SYSTEM AS SHOWN ON PLUMBING PLANS AND AS OUTLINED IN SPECIFICATION INFORMATION UNLESS OTHERWISE NOTED.
3. PLUMBING CONTRACTOR SHOULD UTILIZE THESE PLANS AND PROVIDE RECORD DRAWING COMMENTARY REFLECTING ACTUAL INSTALLATION. PROVIDE ONE HARD-COPY SET TO ARCHITECT/ENGINEER.
4. PLUMBING CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL FEES AND PERMITS REQUIRED TO ACCOMPLISH THIS WORK.
5. PLUMBING CONTRACTOR SHOULD REVIEW ANTICIPATED MAN/MATERIAL LIFT EQUIPMENT WITH OWNER'S REPRESENTATIVE PRIOR TO UTILIZING FOR INSTALLATION. DAMAGED FLOORING RESULTING FROM UNAPPROVED EQUIPMENT WILL BE REPLACED AT THE PLUMBING CONTRACTOR'S EXPENSE.
6. REFER TO WRITTEN SPECIFICATIONS FOR EQUIPMENT AND MATERIAL RELATED TO THIS WORK.
7. COORDINATE SEQUENCE OF PLUMBING WORK CLOSELY WITH GENERAL CONTRACTOR/ CONSTRUCTION MANAGER AND OTHER TRADES TO AVOID CONFLICTS.
8. PLUMBING CONTRACTOR SHOULD TAKE PRECAUTIONS NECESSARY TO MINIMIZE CONSTRUCTION DEBRIS TRANSFER TO ADJACENT NON-WORK AREAS.
9. PRIOR TO COMMENCING WORK ON THIS PROJECT, VERIFY DEPTH, SIZE, LOCATION AND CONDITION OF ALL EXISTING UTILITIES IN FIELD. SHOULD CONDITIONS EXIST OTHER THAN THOSE INDICATED WHICH WOULD CAUSE THE DESIGN TO BE ALTERED, CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER IMMEDIATELY.
10. PLUMBING UTILITY CONNECTIONS SHALL EXTEND TO 5'-0" OUTSIDE OF THE BUILDING FOR CONNECTION BY THE SITE UTILITIES CONTRACTOR.
11. COORDINATE ALL BELOW FLOOR PLUMBING PIPING AND EQUIPMENT WITH STRUCTURAL PLANS.
12. COORDINATE INSTALLATION OF PLUMBING WORK WITH ALL OTHER TRADES SO AS TO AVOID UNNECESSARY DELAY OR INTERFERENCES. PLUMBING CONTRACTOR SHALL REVIEW ARCHITECTURAL AND EQUIPMENT SHEETS.
13. PLUMBING CONTRACTOR SHALL RUN ALL DOMESTIC WATER, WASTE AND VENT, NATURAL GAS, AND COMPRESSED AIR AS HIGH AS POSSIBLE WITHIN THE CEILING / TRUSS SPACE. COORDINATE THE LOCATION OF ALL PIPING WITH THE STRUCTURAL PLANS, ARCHITECTURAL CEILING HEIGHTS, AND OTHER TRADES TO AVOID CONFLICTS. NOTIFY GENERAL CONTRACTOR/ CONSTRUCTION MANAGER AS SOON AS ANY CONFLICTS ARE DETECTED. FAILURE TO PROPERLY COORDINATE PIPE ROUTING WITH OTHER TRADES WILL BE REQUIRED TO BE MOVED AT THE PLUMBING CONTRACTOR'S EXPENSE.
14. PLUMBING CONTRACTOR SHALL COORDINATE PIPE ROUTING TO AVOID ROOF HATCHES, SKYLIGHTS, EQUIPMENT SERVICE ACCESS AND ACCESS PANELS.
15. PLUMBING CONTRACTOR SHALL FIELD VERIFY MEANS AND METHODS REQUIRED TO BRING PLUMBING FIXTURES, EQUIPMENT AND MATERIAL INTO THE BUILDING. COORDINATE STORAGE AND LAY DOWN AREAS WITH THE GENERAL CONTRACTOR/ CONSTRUCTION MANAGER PRIOR TO BRINGING MATERIALS TO THE PROJECT SITE.
16. REFERENCE ARCHITECTURAL DRAWINGS FOR CODE-RATED WALLS, FLOORS, AND CEILINGS. PROVIDE UL RATED, FM APPROVED FIRE STOP AT ALL NEW PLUMBING PIPE PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS AND CEILINGS.
17. ALL DOMESTIC WATER AND VENT PIPING DROPS TO PLUMBING FIXTURES SHALL BE CONCEALED IN THE WALL UNLESS OTHERWISE NOTED.
18. FLUSH NEW WATER PIPING AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION PRIOR TO CONNECTING ANY FIXTURES OR EQUIPMENT.
19. PROVIDE WATER HAMMER ARRESTORS SERVING QUICK-CLOSING VALVES IN EACH BRANCH OR AT APPLIANCE OR FIXTURE.
20. ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILING SHALL BE INSTALLED BEHIND AN ACCESS PANEL. REFERENCE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPES, HEIGHTS, AND OTHER CEILING MOUNTED ITEMS.
21. INSTALL SHUT-OFF VALVES ON ALL HOT & COLD WATER LINES TO FIXTURE OR APPLIANCE. ALL EXPOSED WATER AND WASTE LINES TO BE CHROME PLATED.
22. ALL VALVES, UNIONS, ETC. SHALL BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS.
23. ALL PLUMBING PIPING SHALL BE SUPPORTED. SEE SPECIFICATIONS.
24. FURNISH & INSTALL ALL BACKFLOW PROTECTION DEVICES REQUIRED BY AUTHORITY HAVING JURISDICTION. BACKFLOW DEVICES REQUIRING TESTING SHALL BE INSTALLED NO HIGHER THAN 5'-0" ABOVE FINISHED FLOOR.
25. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR TESTS AND CERTIFICATION OF REDUCED PRESSURE BACKFLOW DEVICE PER AUTHORITY HAVING JURISDICTION. BACKFLOW CERTIFICATION SHALL BE POSTED ON BACKFLOW DEVICE ONCE TESTING HAS BEEN COMPLETED.
26. ALL WATER LINES SHALL BE RUN OVERHEAD UNLESS OTHERWISE NOTED.
27. PROVIDE ESCUTCHEON PLATES AND SILICONE SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILINGS, AND FLOORS. DO NOT USE CAULKING OR EXPANDING FOAMS FOR SEALANT.
28. COORDINATE FLOOR DRAIN AND CLEANOUT ROUGH-IN WITH SELECTED FLOOR COVERING SYSTEM.
29. DO NOT UTILIZE COMBINATION WASTE AND VENT SYSTEM FOR SINKS AND LAVATORIES ROUGHED IN ABOVE FLOOR.
30. NOTIFY LOCAL INSPECTOR PRIOR TO BACKFILL OF ALL UNDER SLAB PLUMBING. ANY WORK COVERED PRIOR TO INSPECTION SHALL BE UNCOVERED AT THE INSPECTOR'S REQUEST.
31. FILL/SEAL ALL DRAIN TRAPS WITH MINERAL OIL.
32. PROVIDE TRAP PRIMERS FOR FLOOR DRAINS IN RESTROOMS, WHERE REQUIRED BY CODES. PROVIDE DEEP SEAL TRAPS FOR FLOOR DRAINS WITHOUT TRAP PRIMERS.
33. DO NOT USE PVC MATERIALS IN PLENUM AREAS USED AS RETURN AIR PATHS. REFERENCE ARCHITECTURAL CEILING PLAN AND MECHANICAL PLANS.
34. VERIFY THE LOCATION AND INVERT ELEVATION OF THE SANITARY SEWER ON THE SITE PLAN AND REVISE THE SEWER SYSTEM AS REQUIRED.
35. ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, GRAB BARS, ETC. AND THE OWNERS REPRESENTATIVE PRIOR TO ANY INSTALLATION.
36. ALL PLUMBING FIXTURE VENTS SHALL TERMINATE A MINIMUM OF 12 INCHES AND A MAXIMUM OF 24 INCHES FROM ANY VERTICAL SURFACE AND A MINIMUM OF 10'-0" FROM ANY OUTSIDE AIR INTAKE OR OPERABLE DOOR, WINDOW, ETC. SHIFT VENT THRU ROOF AS REQUIRED.
37. ALL FLOOR SINKS AND FLOOR DRAINS IN TRAFFIC AREAS SHALL BE INSTALLED FLUSH TO FLOOR SURFACE.
38. PROVIDE AIR GAPS FOR INDIRECT DRAINS AS REQUIRED BY CODE. AIR GAP SHALL BE NOT LESS THAN 1".
39. DO NOT ROUTE PIPING DIRECTLY ABOVE OR BELOW ELECTRICAL PANELS, INCLUDING PANEL SERVICE CLEARANCES.
40. DO NOT SUSPEND PIPING FROM OTHER PIPING, DUCTWORK OR CONDUIT. ALL PIPING SHALL BE SUPPORTED FROM BUILDING STRUCTURE USING THE APPROPRIATE ATTACHMENTS.
41. PIPE SPACING SHOWN ON THE DRAWINGS IS FOR CLARITY ONLY. PIPING SHALL BE INSTALLED TO CONSERVE SPACE WHERE POSSIBLE.
42. REFER TO MECHANICAL SHEETS FOR PLUMBING CONNECTIONS TO MECHANICAL EQUIPMENT.
43. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SUPPLYING AND INSTALLING ALL LOW VOLTAGE CABLING AND POWER WIRING/CONDUIT INDICATED THIS PLAN UNLESS SPECIFICALLY NOTED OTHERWISE. COORDINATE ALL WORK WITH ELECTRICAL CONTRACTOR PRIOR TO BID.
44. SEE PLUMBING FIXTURE SCHEDULE FOR BRANCH PIPING SIZES TO INDIVIDUAL FIXTURES. BRANCH PIPE SIZES SHALL MATCH SCHEDULE UNLESS OTHERWISE NOTED.
45. SOIL ON SITE IS CONTAMINATED AND CANNOT BE REMOVED FROM SITE. SEE CIVIL DRAWINGS FOR STOCKPILE LOCATION.

PLUMBING SHEET INDEX

PM000	PLUMBING COVER PAGE
PM100	PLUMBING UNDERFLOOR PLAN
PM101	PLUMBING FLOOR PLAN
PM500	PLUMBING DETAILS
PM501	PLUMBING DETAILS
PM600	PLUMBING SCHEDULES

KED bluestone
5518 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER: 526381
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED IN ANY MANNER WHATSOEVER WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

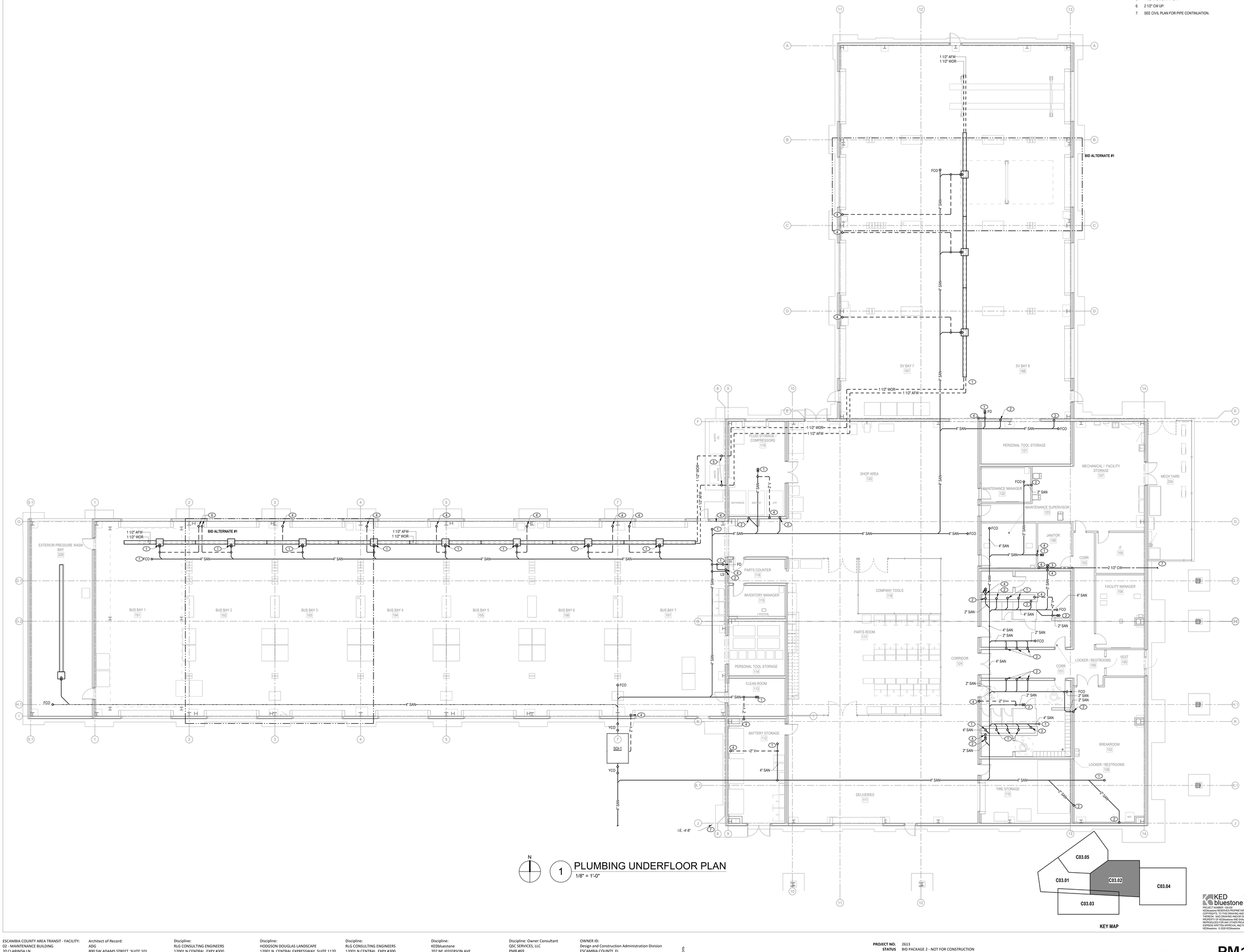
OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

PROJECT NO.	2613
STATUS	BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE	10/22/2026
DRAWN BY	ADG

PLUMBING COVER PAGE **PM000**

KEYED NOTES:

1. 4" SAN UP.
2. 2" SAN UP.
3. 3" SAN UP.
4. 2" V UP.
5. 1 1/2" WOR & AFW UP.
6. 2 1/2" CW UP.
7. SEE CIVIL PLAN FOR PIPE CONTINUATION.



KEY MAP

N

1 PLUMBING UNDERFLOOR PLAN

1/8" = 1'-0"

KED bluestone
5518 NW 86th Street
Johnston, IA 50131
515-727-0757
www.KEDbluestone.com

PROJECT NUMBER: 13A282
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHT, IN THIS DRAWING AND DATA (IN ANY FORM). DURING ITS USE FOR THIS PROJECT, IT REMAINS THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

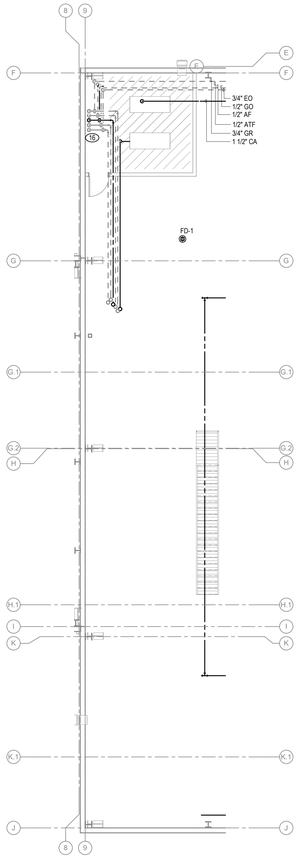
Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

PLUMBING UNDERFLOOR PLAN PM100

KEYED NOTES:

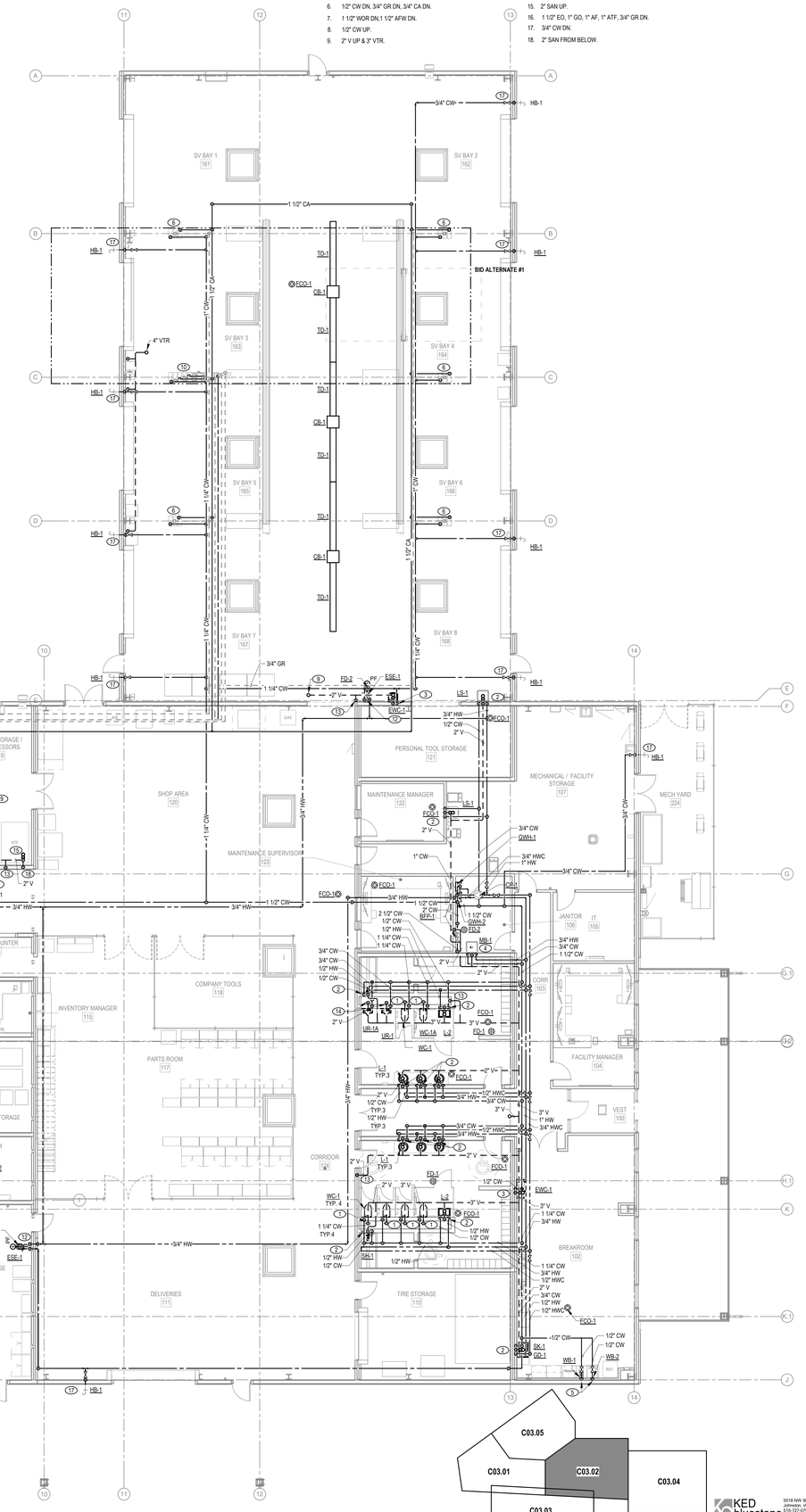
1. 4" SAN FROM BELOW, 2" V DN, 1 1/4" CW DN.
2. 2" SAN FROM BELOW, 2" V DN, 1/2" CW DN, 1/2" HW DN.
3. 2" SAN FROM BELOW, 2"V DN, 1/2" CW DN.
4. 3" SAN FROM BELOW, 2" V DN, 3/4" CW DN, 3/4" HW DN.
5. 1/2" CW DN.
6. 1/2" CW DN, 3/4" GR DN, 3/4" CA DN.
7. 1 1/2" WOR DN,1 1/2" AFW DN.
8. 1/2" CW UP.
9. 2" V UP & 3" VTR.
10. 3/4" EO, 1/2" GO, 1/2" AF, 1/2" ATF, 3/4" CA, 3/4" GR, 3/4" CW DN.
11. 3/4" EO, 1/2" AF, 1/2" ATF, 3/4" CA, 3/4" CW DN.
12. 1/2" CW DN, 1/2" HW DN.
13. 2" V DN.
14. 2" SAN FROM BELOW, 2" V DN, 3/4" CW DN.
15. 2" SAN UP.
16. 1 1/2" EO, 1" GO, 1" AF, 1" ATF, 3/4" GR DN.
17. 3/4" CW DN.
18. 2" SAN FROM BELOW.



N

2 PLUMBING FLOOR PLAN MAZZANINE LEVEL

1/8" = 1'-0"



N

1 PLUMBING FLOOR PLAN

1/8" = 1'-0"

KEY MAP

KED bluestone
5518 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER: CB-030
THIS DRAWING IS SUBJECT TO COPYRIGHT PROTECTIONS AND OTHER PROPRIETARY RIGHTS. INCLUDING COPYRIGHTS. TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

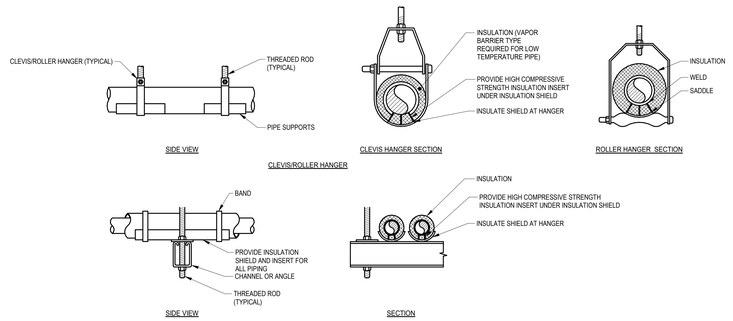
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

PLUMBING FLOOR PLAN PM101

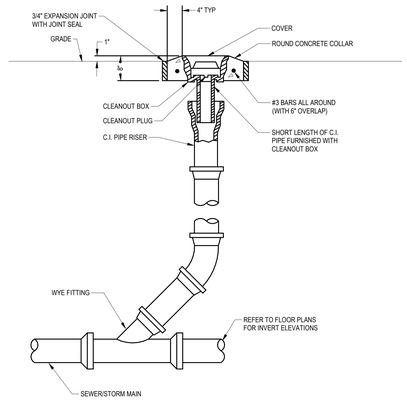


MAXIMUM PIPE/TUBING SUPPORT SPACING, FEET.																		
NOM. SIZE	THRU 3/4"	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
STEEL PIPE - STD. WT.	7 FT	9	11	12	13	15	16	17	20	20	22	23	24	25	25	25	25	25
COPPER TUBING	5 FT	6	7	8	8	10	10	12	15	15	15	-	-	-	-	-	-	-
SCH. 40 PVC, CPVC (73°F)	3 FT	4	4	5	6	6	6	8	9	9	10	11	12	-	-	-	-	-
SCH. 80 PVC, CPVC (73°F)	3 FT	4	4	5	6	6	7	8	10	10	11	12	13	-	-	-	-	-
SCH. 40 CPVC (140°F)	-	-	-	-	5	6	6	6	7	7	7	7	8	-	-	-	-	-
SCH. 80 CPVC (140°F)	-	-	-	-	6	6	7	7	8	8	9	9	10	-	-	-	-	-
SDR 11 HDPE PIPE (73°F)	-	-	-	-	-	-	7	8	10	10	11	13	14	15	16	17	18	19
NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.																		

12 PIPE HANGERS
N.T.S.

GENERAL NOTES:

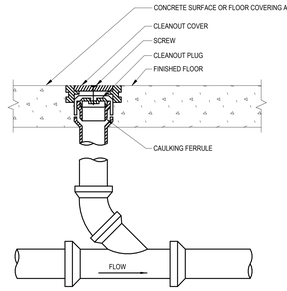
1. SEE SPECIFICATIONS FOR HANGER AND INSULATION REQUIREMENTS.



11 YARD CLEANOUT
N.T.S.

GENERAL NOTES:

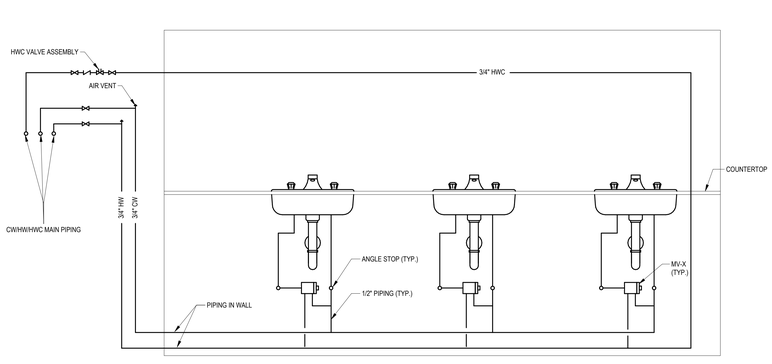
1. REFER TO PIPING APPLICATION SCHEDULE AND SPECIFICATIONS FOR ALLOWED JOINT TYPES.



10 FLOOR CLEANOUT
N.T.S.

GENERAL NOTES:

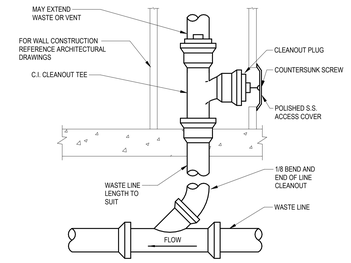
1. REFER TO PIPING APPLICATION SCHEDULE AND SPECIFICATIONS FOR ALLOWED JOINT TYPES.
2. INSTALL FLOOR CLEANOUTS IN ALL OF THE FOLLOWING LOCATIONS:
   A. ALL LOCATIONS SHOWN ON THE FLOOR PLANS
   B. IN ALL HORIZONTAL BRANCHES THAT ARE GREATER THAN 5'-0" IN LENGTH
   C. EVERY 100' OF DEVELOPED PIPING LENGTH
   D. EACH AGGREGATE HORIZONTAL CHANGE IN DIRECTION EXCEEDING 135°.



9 LAVATORY HOT WATER RECIRCULATING PIPING
N.T.S.

GENERAL NOTES:

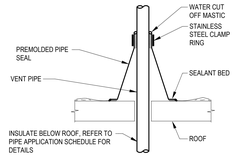
1. HOT WATER DEAD LEG LENGTH FOR EACH FIXTURE SHALL NOT EXCEED 2'.



8 WALL CLEANOUT
N.T.S.

GENERAL NOTES:

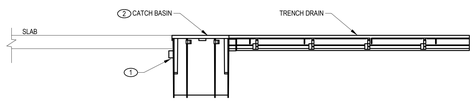
1. REFER TO PIPING APPLICATION SCHEDULE AND SPECIFICATIONS FOR ALLOWED JOINT TYPES.
2. INSTALL WALL CLEANOUTS IN ALL LOCATIONS SHOWN ON THE FLOOR PLANS.
3. INSTALL WALL CLEANOUTS IN DRAIN LINES AND RISERS SERVING ALL OF THE FOLLOWING PLUMBING FIXTURES:
   A. URINALS
   B. SINKS
4. COORDINATE ALL WALL CLEANOUT LOCATIONS AND ELEVATIONS WITH ARCHITECTURAL PLANS AND ELEVATIONS PRIOR TO ROUGH IN.



7 VENT THROUGH ROOF
N.T.S.

GENERAL NOTES:

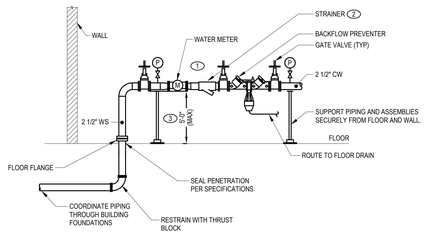
1. PIPE SEAL SHALL BE COMPATIBLE WITH ROOFING SYSTEM.
2. THE MINIMUM PIPE SIZE FOR ALL ROOF PENETRATIONS SHALL BE 4"
3. ALL VENTS SHALL BE A MINIMUM OF 10' FROM ALL OUTSIDE AIR INTAKES. FIELD COORDINATE WITH ALL TRADES PRIOR TO ROUGH IN.



6 TRENCH DRAIN AND CATCH BASIN
N.T.S.

NOTES:

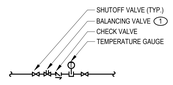
1. FIELD INSTALLED OUTLET CONNECTION. SEE PLUMBING DRAWINGS FOR CONNECTION SIZE. INSTALL AT HEIGHT THAT MINIMIZES DEPTH OF SANITARY DEPTH.



5 WATER SERVICE ENTRANCE - WM, BFP
N.T.S.

KEYED NOTES:

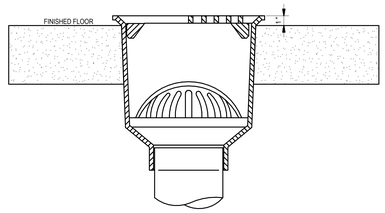
1. VERIFY METER SIZE, QUANTITY, & INSTALLATION REQUIREMENTS WITH UTILITY. PROVIDE & INSTALL REMOTE METERING EQUIPMENT WHEN REQUIRED. MAINTAIN UPSTREAM AND DOWNSTREAM PIPE DIAMETERS AS REQUIRED BY METER MANUFACTURER.
2. STRAINER MAY BE SUPPLIED INTEGRAL TO BACKFLOW PREVENTER ASSEMBLY.
3. INSTALL THE BACKFLOW PREVENTER ASSEMBLY AT A MINIMUM DISTANCE FROM THE FLOOR OF 12".



4 HOT WATER CIRC VALVE ASSEMBLY
N.T.S.

KEYED NOTES:

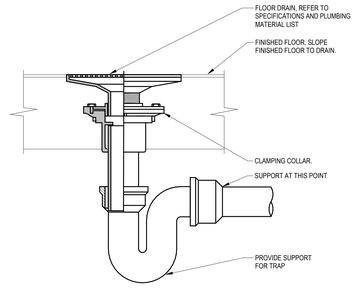
1. ADJUST BALANCING VALVE AS NECESSARY TO MAINTAIN A RECIRCULATION WATER TEMPERATURE OF 140°F. BALANCING CONTRACTOR TO PROVIDE A REPORT SHOWING BALANCING VALVE INSTALLATION LOCATIONS, VALVE SETPOINTS, & RECIRCULATION WATER TEMPERATURE AS PART OF THE FINAL TESTING & BALANCING REPORT.



3 FLOOR SINK
N.T.S.

GENERAL NOTES:

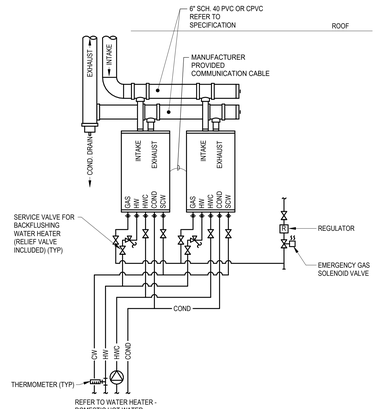
1. REFER TO PLUMBING MATERIAL LIST FOR SPECIFIC DRAIN OPTIONS & ACCESSORIES.
2. INSTALL FLOOD RIM OF FIXTURE 1" A.F.F.



2 FLOOR DRAIN - ON GRADE
N.T.S.

GENERAL NOTES:

1. REFER TO PLUMBING MATERIAL LIST FOR SPECIFIC DRAIN OPTIONS & ACCESSORIES.



1 WATER HEATER - TANKLESS - PIPING DIAGRAM
N.T.S.

GENERAL NOTES:

1. SET WATER TEMPERATURE TO 140°F.
2. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
3. REFER TO PLANS FOR PIPE SIZES.

KED bluestone
5518 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER: 12kv88
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

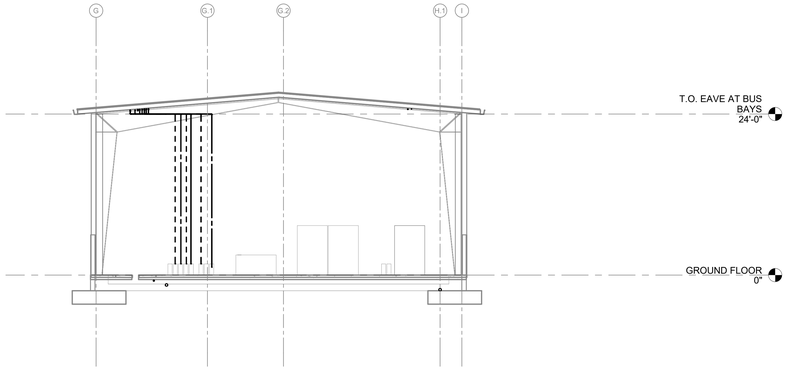
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

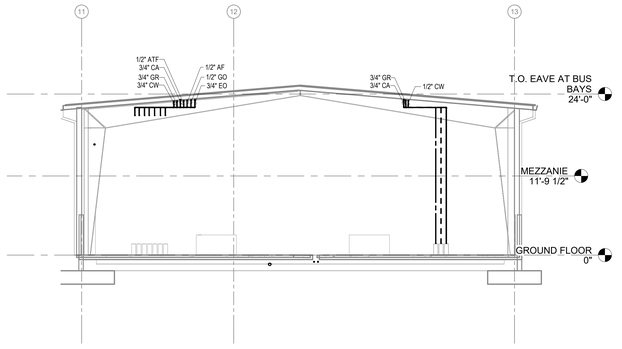
Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

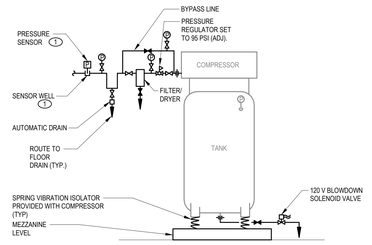
PLUMBING DETAILS PM500



5 FLUID PIPING BUS BAYS
1/8" = 1'-0"



6 FLUID PIPING SMALL VEHICLE BAYS
1/8" = 1'-0"



4 AIR COMPRESSOR
N.T.S.

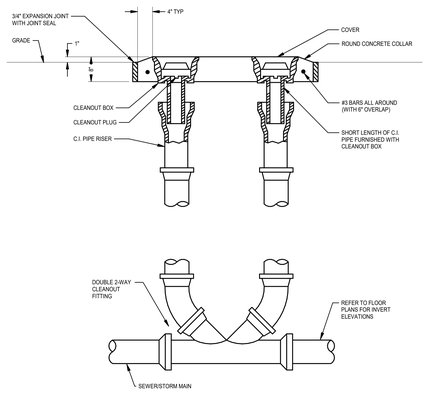
KEYED NOTES:

1. PRESSURE SENSORS PROVIDED BY A.T.C., INSTALLED BY P.C.

2 WATER HEATER - DOMESTIC HOT WATER FLOW DIAGRAM
N.T.S.

KEYED NOTES:

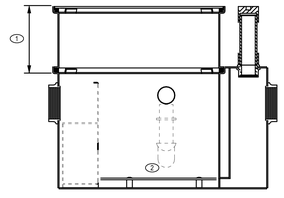
1. REFER TO HOT WATER HEATER DETAIL FOR ADDITIONAL PIPING REQUIREMENTS.
2. VERIFY FLOW DIAGRAM & PIPING ARRANGEMENT WITH MANUFACTURERS INFORMATION PRIOR TO INSTALLATION.
3. REFER TO DOMESTIC HOT WATER RECIRCULATION PUMP DETAIL FOR ADDITIONAL PIPING & SPECIALTY REQUIREMENTS.
4. BALANCING VALVE SHALL BE A COMBINED LOCKABLE BALANCING VALVE AND SHUTOFF VALVE WITH INTEGRAL PT PORTS & DRAIN CONNECTIONS ON INLET & OUTLET OF VALVE.



3 P - 2-WAY YARD CLEANOUT
N.T.S.

GENERAL NOTES:

1. REFER TO PIPING APPLICATION SCHEDULE AND SPECIFICATIONS FOR ALLOWED JOINT TYPES.



1 SAND-OIL INTERCEPTOR
N.T.S.

GENERAL NOTES:

1. INSTALL PER MANUFACTURES REQUIREMENTS.

KEYED NOTES:

1. CONTRACTOR TO CONFIRM EXTENSION DEPTH FOR RECESSED INSTALLATIONS AND PLANNED PIPING INVERT ELEVATIONS.
2. CONTRACTOR TO PLUG OIL DRAW OFF CONNECTION WHERE THE ADJUSTABLE DRAW OFF PIPING IS NOT USED.

KED bluestone
5518 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER 125376
THIS DRAWING IS SUBJECT TO PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS. TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

PLUMBING DETAILS PM501

PLUMBING MATERIAL LIST

FIXTURE	ADA (NOTE 1)	MANUFACTURER (NOTE 2)	DESCRIPTION	ELECTRICAL CONNECTION (VOLT/PHASE/AMPS)	NOTES
AG-1		WATTS 909AG SERIES	FIXTURE: INLINE AIR GAP FITTING. PRESSURE FIT INLET FOR USE WITH STANDPIPE. FEMALE THREAD TO STANDPIPE.	-	-
BFP-1	-	WATTS 957	FIXTURE: REDUCED PRESSURE BACKFLOW PREVENTER, (2) INDEPENDANT SPRING LOADED CHECKS WITH A DIFFERENTIAL PRESSURE RELIEF VALVE BETWEEN THE CHECK VALVES, 304 STAINLESS STEEL HOUSING AND SLEEVE WITH LEAD FREE CONSTRUCTION. THE WETTED SURFACE OF THE BACKFLOW PREVENTER SHALL CONTAIN LESS THAN 0.25% LEAD BY WEIGHT. UNITS SHALL INCLUDE FOUR TEST COCKS WITH SHUT-OFF VALVES AND SHALL BE BACKFLOW TESTED AT THE FACTORY. RATED FOR 175 PSI AT 33 DEGREES F. TO 140 DEGREES F. MAXIMUM PRESSURE DROP 15 PSI AT 10 FPS REGARDLESS OF SIZE. FLOW PRESSURE DROP CURVES SHALL BE SUBMITTED. ALL PARTS TO BE SERVICEABLE WITHOUT REMOVING UNIT FROM LINE, WITH RESILIENT SEATED GATE SHUTOFF VALVES ON BOTH SIDES OF UNIT AND AIR GAP DRAIN FITTING. PROVIDE AND INSTALL BRONZE OR EPOXY COATED STRAINER UPSTREAM FROM UNIT. APPROVED BY; USC FCCC & HR, AWWA C511-92, ASSE 1013, IAPMO AND SBCCI LISTED. UNIT SHALL BE SAME SIZE AS PIPE IF NO SIZE IS SHOWN ON THE DRAWING. ACCESSORIES: FLOOD PROTECTION SHUT DOWN VALVE, FULLY OPEN, ELECTRONICALLY ACTUATED GLOBE VALVE TO CLOSE BASED ON EXCESS FLOW THROUGH THE BFP DRAIN PIPE SYSTEM INCLUDES THE VALVE, CONTROL PANEL (120 V POWER CONNECTION) AND FLOW SENSOR. WATTS MODEL LFF113RFP OR PRIOR APPROVED EQUAL. PROVIDE WITH AIR GAP DRAIN FITTING EQUAL TO AG-1.	120V / SINGLE PHASE / 20 AMP	3
CB-1		ZURN Z887	FIXTURE: CATCH BASIN FOR INSTALLATION WITH TRENCH DRAIN. HIGH DENSITY POLYETHYLENE CONSTRUCTION. OVERALL DIMENSIONS OF [20" x 6" x 21"]. INTEGRAL REBAR CLIPS FOR INSTALLATION IN CONCRETE FLOORS. ACCESSORIES: PROVIDE WITH CLASS E DUCTILE IRON GRATE & INLET/OUTLET ADAPTERS AS NECESSARY FOR PROPER INSTALLATION. INSTALL CATCH BASIN AT END OF TRENCH DRAIN, FIELD CUT INLET & OUTLET OPENINGS AT REQUIRED ELEVATIONS. CAULK INLET & OUTLET CONNECTIONS TO BE WATERTIGHT. INSTALL INLET & OUTLET ON CATCH BASIN AT A HEIGHT THAT MINIMIZES THE REQUIRED SANITARY INVERT ELEVATION.	-	-
ESE-1	ESE-1A	BRADLEY S19 SERIES	FIXTURE: ACCESSIBLE COMBINATION EMERGENCY SHOWER/EYE AND FACE WASH - FREESTANDING, FLOOR MOUNTED WITH TOP INLET. STAINLESS STEEL SHOWER HEAD WITH BRASS/BRONZE STAY OPEN BALL VALVE WITH 1 SECOND OR LESS ACTIVATION TIME AND STAINLESS STEEL/ALUMINUM PULL ROD. STAINLESS STEEL BOWL WITH HINGED DUST COVER, PLASTIC SPRAY HEADS WITH CAPS AND RETAINING CHAINS/STRAPS MOUNTED ON BRASS SUPPLY ARMS WITH BRASS/BRONZE STAY OPEN BALL VALVE WITH 1 SECOND OR LESS ACTIVATION TIME AND METAL FLAG. MINIMUM FLOW RATE OF SHOWER SHALL BE 20 GPM AT 30 PSI. MINIMUM FLOW RATE OF E'EXWASH SHALL BE 0.4 GPM AT 30 PSI. INTEGRAL FLOW CONTROL FITTINGS. BRASS/BRONZE PIPING, FITTINGS AND VALVES TO BE CHROME PLATED OR CHEMICAL RESISTANT POWDER COATED. STAINLESS STEEL SUPPLY PIPING AND FITTINGS. ACCESSORIES: MV-1, ALSO PROVIDE WITH HORN & STROBE ALARM. UNIVERSAL IDENTIFICATION SIGN. ANSI Z358.1 COMPLIANT.	120V / SINGLE PHASE / 15 AMP	3
ET-1	-	THERM-X-TROL ST-5	FIXTURE: EXPANSION TANK - WELDED STEEL CONSTRUCTION, WITH ASME STAMP, STAINLESS STEEL SYSTEM CONNECTION, HEAVY DUTY BUTYL DIAPHRAGM AND RIGID POLYPROPYLENE LINER MECHANICALLY BONDED TO TANK TO PROVIDE A 100% NON-CORROSIVE WATER RESERVOIR. DIAPHRAGM AND LINER SHALL BE APPROVED FOR USE IN POTABLE WATER SYSTEMS. ALL WETTED COMPONENTS OF FDA APPROVED MATERIALS. TANK SHALL HAVE A WORKING TEMPERATURE OF 200°F AND A WORKING PRESSURE OF 150 PSIG, MINIMUM TANK VOLUME TO BE 2 GALLONS, MINIMUM ACCEPTING VOLUME TO BE 0.9 GALLONS. FACTORY PRE-CHARGED TO 40 PSIG. PROVIDE STANDARD SCHRADER AIR VALVE FOR FIELD CHARGING. COORDINATE FIELD CHARGE PRESSURE WITH THE ACTUAL STATIC SYSTEM PRESSURE ADJACENT TO THE EXPANSION TANK CONNECTION.	-	-
EWC-1	EWC-1A	ELKAY EZH2O VR SERIES	FIXTURE: ELECTRIC WATER COOLER WITH INTEGRAL VANDAL RESISTANT BOTTLE FILLER WITH WATER FILTER - WALL HUNG, BI-LEVEL UNITS, PUSH BAR OR BUTTON OPERATING CONTROLS ON FRONT AND BOTH SIDES, BUILT-IN FLOW REGULATOR, DRAIN & TRAP ASSEMBLY. 18 GAUGE STAINLESS STEEL CABINETS AND NON-SPLASH BASINS. STREAM PROJECTORS WITH PROTECTIVE HOODS. 7.8 GPH OF WATER FROM 80 DEGREES F. TO 50 DEGREES F. AT 90 DEGREES F. ROOM TEMPERATURE. TANK TESTED TO 125 PSIG. ADJUSTABLE THERMOSTAT, MOUNTING ACCESSORIES, TANK DRAIN AND ANGLE STOPS. CORD AND PLUG. COMPRESSOR TO OPERATE ON HFC-134a REFRIGERANT. EWC SHALL CONFORM TO ANSI A117.1-1986. WATER SYSTEM SHALL BE OF LEAD FREE CONSTRUCTION. ACCESSORIES: PROVIDE WITH 3 SPARE WATER FILTERS PER UNIT.	120V / SINGLE PHASE / 15 AMP	4
FCO-1		ZURN Z-1400	FIXTURE: FLOOR CLEANOUT - CAST IRON THREADED ADJUSTABLE HOUSING, FLANGED FERRULE WITH PLUG AND SECURED NICKEL BRONZE TOP. TOP STYLE SHALL MATCH FLOOR FINISH AS FOLLOWS: UNFINISHED FLOOR - ROUND SOLID SCORIATED TOP, TILE- ROUND RECESSED TOP, CARPET - ROUND TOP WITH CARPET FLANGE.	-	-
FD-1		ZURN Z415 SERIES	FIXTURE: FLOOR DRAIN - 5" DIAMETER NICKEL BRONZE ADJUSTABLE TOP WITH SURFACE MEMBRANE CLAMP, 2" BOTTOM OUTLET, CAST IRON BODY WITH 1/2" TRAP PRIMER CONNECTION, FLASHING COLLAR, DEEP SEAL TRAP.	-	-
FD-2		ZURN Z415 SERIES	FIXTURE: FLOOR DRAIN - 6" DIAMETER NICKEL BRONZE ADJUSTABLE TOP WITH SURFACE MEMBRANE CLAMP, 4" BOTTOM OUTLET, CAST IRON BODY WITH 1/2" TRAP PRIMER CONNECTION, FLASHING COLLAR, DEEP SEAL TRAP.	-	-
FS-1		ZURN Z-1900 SERIES	FIXTURE: FLOOR SINK - 8" x 8" NICKEL BRONZE RIM AND NO GRATE, 4" BOTTOM OUTLET, 6" DEEP. RECEPTOR WITH DOME STRAINER, CAST IRON BODY WITH ACID RESISTANT COATED INTERIOR, SEEPAGE FLANGE, SEEPAGE HOLES, & CLAMPING COLLAR, DEEP SEAL TRAP.	-	-
GD-1		INSINKERATOR BADGER 5	FIXTURE: GARBAGE DISPOSAL, 1/2 HP, 1-1/2" OUTLET CONNECTION, WALL SWITCH ON/OFF CONTROL, STAINLESS STEEL GRINDING ELEMENTS, PERMANENTLY LUBRICATED BEARINGS, AUTOMATIC RESET OVERLOAD PROTECTION, 5 YEAR MINIMUM WARRANTY.	120V / SINGLE PHASE / 20 AMP	4
HB-1		ACORN 8160 SERIES	FIXTURE: FREEZELESS WALL HYDRANT, CONCEALED TYPE WITH FLUSH MOUNTED WALL BOX WITH STANDARD FINISH, AUTOMATIC DRAINING, VACUUM BREAKER, 3/4" MALE HOSE THREAD, BRASS VALVE BODY AND SEAT, NON-FERROUS METAL STEM, STANDARD FINISH, WALL CLAMP. FURNISH TWO LOOSE KEY OPERATORS. ASSE 1019 APPROVED AND LISTED.	-	-
LS-1	-	FIAT FL-1	FIXTURE: SERVICE SINK, SINGLE TUB WITH ENAMEL ANGLE STEEL LEGS, FAUCET DECK, MOLDED STONE, 20" (SIDE-TO-SIDE) X 17" (FRONT-TO-BACK) WITH AN OVERALL SIZE OF 23" X 21" X 13" DEEP BOWL, 3-1/2" DIAMETER DRAIN OUTLET. TRIM: TWO HANDLE MIXING FAUCET, DECK MOUNTED, HANDLES, CHROME PLATED, SOLID BRASS CAST BODY CONSTRUCTION, SWING SPOUT WITH 6" REACH AND AERATOR, THREE HOLE MOUNT, 4" CENTERSET, MAXIMUM FLOW TO BE 1.5 GPM. PROVIDE RESTRICTIVE DEVICE AND ESCUTCHEON PLATE AS REQUIRED. EQUAL TO DELTA 2133LF. ACCESSORIES: SELF DRAINING SOAP TRAY, SELF LEVELING LEGS WITH FLOOR ANCHORS, REMOVABLE STRAINER.	-	-
MB-1		FIAT MSB	FIXTURE: MOP BASIN - MOLDED STONE, 24"x24"x10", STAINLESS STEEL DRAIN WITH COMBINATION DOME STRAINER AND LINT BASKET, 3" OUTLET. DEEP SEAL TRAP. TRIM: TWO HANDLE EXPOSED MIXING FAUCET, COLOR INDEXED METAL CROSS HANDLES, POLISHED CHROME PLATED, 3/4" HOSE THREAD SPOUT WITH INTEGRAL VACUUM BREAKER, WALL BRACE. INTEGRAL STOPS. EQUAL TO DELTA 2879. ACCESSORIES: STAINLESS STEEL BUMPER GUARD ON ALL OPEN SIDES. FRICTION HINGE MOP HANGER, HOSE, AND HOSE BRACKET. STAINLESS STEEL WALL GUARDS.	-	-
MV-1		POWERS ES150 SERIES	FIXTURE: THERMOSTATIC MIXING VALVE FOR EMERGENCY EYEWASH OR COMBINATION EYEWASH/FACE/WASH FIXTURE. THERMOSTATIC MIXING AND PRESSURE REGULATING VALVES TO DELIVER 3 GPM OF TEMPERED WATER (65-90 DEGREES) WITH 10 PSI PRESSURE DIFFERENTIAL. BRONZE BODY CONSTRUCTION, COLD WATER BYPASS, INLET AND OUTLET THERMOMETERS, INTEGRAL CHECKSTOPS, MOUNTING BRACKET. UNIT TO MEET ASSE 1071. ACCESSORIES: PROVIDE STEEL MOUNTING FRAME OR SURFACE MOUNTED PAINTED STEEL CABINET WITH LOCKING DOOR TO ENCLOSE VALVE, INLET STOPS, OUTLET THERMOMETER, AND OUTLET VALVES. CONFIGURATION OF VALVE AND BOX SHALL BE AS INDICATED ON THE PLANS.	-	-
MV-2		POWERS LF480 SERIES	FIXTURE: UNDER-COUNTER THERMOSTATIC MIXING VALVE FOR TEMPERED WATER CONTROL. ALL LEAD FREE BRONZE/BRASS CONSTRUCTION. TAMPER-RESISTANT ADJUSTABLE TEMPERATURE CONTROL, INTEGRAL CHECKS AND STRAINERS. UNIT TO MIX 120 DEGREE F. HOT WATER SUPPLY AND 40 DEGREE F. COLD WATER SUPPLY FOR 110 DEGREE F. OUTLET AT 0.5 GPM MINIMUM. SHALL CONFORM TO THE REQUIREMENTS OF ASSE 1070. ACCESSORIES: PROVIDE SURFACE MOUNTED STAINLESS STEEL CABINET WITH LOCKING DOOR TO ENCLOSE VALVE, INLET STOPS, OUTLET THERMOMETER, AND OUTLET VALVES. CONFIGURATION OF VALVE AND BOX SHALL BE AS INDICATED ON THE PLANS.	-	-
SH-1	-	INPRO ENMT3636 CUSTOM	FIXTURE: SHOWER BASE - SOLID SURFACE, INTERIOR DIMENSIONS OF 72"x30". SLIP-RESISTANT FLOOR. ADA COMPLIANT. WALLS OF SHOWER BY OTHERS. SEE ARCHITECT SPECIFICATION SECTION 102116. TRIM: SEE SHV-1. DRAIN: SCREW DOWN STANDARD TRENCH DRAIN PROVIDED BY INPRO. ACCESSORIES: 1" OD 18 GAUGE TYPE 304 STAINLESS STEEL CURTAIN ROD (INSTALLED AS HIGH AS POSSIBLE) WITH COMMERCIAL GRADE VINYL SHOWER CURTAIN.	-	-
SHV-1	-	POWERS E700 SERIES	FIXTURE: THERMOSTATIC & PRESSURE (T&P) BALANCED MIXING SHOWER VALVE - BRASS OR BRONZE CONSTRUCTION, WASHERLESS DESIGN, CHROME PLATED METAL SINGLE LEVER CONTROL WITH OFF-COLD-HOT TEMPERATURE RANGE INDICATOR DIAL, INTEGRAL CHECK-STOPS, ADJUSTABLE SAFETY LIMIT STOP SET TO 110 DEGREES F DISCHARGE. ASSE 1016-T/P LISTED. ACCESSORIES: FIXED, CHROME PLATED BRASS SHOWER HEAD WITH PIVOT BALL JOINT. PROVIDE WITH CHROME PLATED BRASS ARM AND FLANGE KIT FOR CONNECTION TO WATER SUPPLY. MAXIMUM FLOW TO BE 2.5 GPM. ADJUSTABLE SPRAY HAND-HELD SHOWER WITH SEPARATE DIVERTER VALVE, 60" METAL HOSE WITH QUICK DISCONNECT AND IN-LINE VACUUM BREAKER. SWIVEL CONNECTOR TO 24" CHROME PLATED MOUNTING SLIDE BAR. PROVIDE CHROME PLATED BRASS SUPPLY ELBOW FLANGE FOR HOSE CONNECTION TO WATER SUPPLY.	-	-
SOI-1	-	ZURN Z1188 SERIES	FIXTURE: RECESSED SAND OIL INTERCEPTOR, STEEL BODY WITH ACID RESISTANT COATING ON THE INSIDE. GASKETED LID, 6" INLET AND OUTLET CONNECTIONS, 2" VENT CONNECTION AND 2" ADJUSTABLE OIL DRAW-OFF CONNECTIONS. BASIN TO HAVE 1,275 GALLON WATER CAPACITY AND RATED FLOW RATE OF 450 GPM. INTEGRAL, REMOVABLE SEDIMENT STRAINER BASKET AND HORIZONTAL SECONDARY DIFFUSING BAFFLE. CLEANOUT PLUG IN TOP OF HOUSING AT OUTLET PIPING CONNECTION. ACCESSORIES: HEAVY DUTY, GASKETED TRAFFIC COVER RATED FOR 10,000 LB LIVE LOAD. HOUSING AND CLEANOUT EXTENSION SECTIONS FOR RECESSED INSTALLATION. STEEL BODY WITH ACID RESISTANT COATING ON THE INSIDE. STAINLESS STEEL BOLTED, GASKETED LID AND INLET/OUTLET INVERT ELEVATIONS SHOWN ON PLAN. CONTRACTOR TO VERIFY FINAL EXTENSION DIMENSION BASED ON PLANNED INSTALLATION.	-	-
TD-1	-	ZURN Z882	FIXTURE: TRENCH DRAIN, HIGH DENSITY POLYETHYLENE (HDPE) CONSTRUCTION WITH 0% WATER ABSORBTION. 12" WIDE REVEAL, 9-1/4" WIDE CHANNEL, 1.04% SLOPED BOTTOM, 96" MODULAR SECTIONS WITH POSITIVE MECHANICAL INTERCONNECTION, CONCRETE ANCHORS EVERY 12", AND REBAR CLIPS. TOTAL TRENCH DRAIN LENGTH AND OUTLET LOCATION SHOWN ON PLAN. GRATE: CLASS E, ACID RESISTANT EPOXY COATED DUCTILE IRON, ANTI-SLIP, HEEL PROOF, GRATE. ACCESSORIES: PROVIDE WITH CB-1.	-	-
UR-1	UR-1A	ZURN Z5755	FIXTURE: URINAL - WALL HUNG, FLUSH VALVE TYPE, WHITE VITREOUS CHINA, WASHOUT, WATER SAVING 1.0 GALLON PER FLUSH, 3/4" TOP SPUD, 2" OUTLET, ELONGATED RIM AND EXTENDED SIDE SHIELDS. TRIM: FLUSH VALVE - EXPOSED, SENSOR OPERATED, WITH OVER-RIDE, HARDWIRED, 120VAC TO 24VAC TRANSFORMER CAPABLE OF OPERATING UP TO 10 UNITS, RANGE ADJUSTMENT SCREW CHROME PLATED 3/4" I.P.S. SCREWDRIVER STOP-CHECK VALVE, VACUUM BREAKER, WALL AND SPUD FLANGES, 1.0 GALLONS PER FLUSH. 3 YEAR WARRANTY. FLOOR MOUNTED CARRIER AND ACCESSORIES TO MATCH INSTALLATION REQUIREMENTS. EQUAL TO ZURN Z6000 SERIES. ACCESSORIES: PROVIDE WITH WALL CLEANOUT WCO-1.	120V / SINGLE PHASE / 20 AMP	3
WHA-#	-	ZURN 1260XL	FIXTURE: WATER HAMMER ARRESTOR, METAL BODY AND CONNECTIONS. PISTON-TYPE WHERE WATER IS NOT IN DIRECT CONTACT WITH AIR, AND AIR IS PERMANENTLY SEALED WITHIN CHAMBER. ALL WETTED COMPONENTS SHALL BE LEAD FREE COMPLIANT. UNIT SHALL MEET REQUIREMENTS OF ASSE 1010. SIZE AS FOLLOWS - # (FIXTURE UNITS RANGE); 1 (1-11 SFU), 2 (12-32 SFU), 3 (33-60 SFU), 4 (61-113 SFU), 5 (114-154), 6 (115-330). NUMBER ON PLAN DENOTES SIZE.	-	-
WB-1	-	GUY GRAY MIB SERIES	FIXTURE: WALL BOX - WHITE POWDER COATED 20 GA STEEL ENCLOSURE [WITH HINGED COVER], ONE QUARTER-TURN ANGLE VALVE, COORDINATE OUTLET TYPE AND SIZE WITH EQUIPMENT SERVED. ACCESSORIES: INSTALL WALL BOX BELOW COUNTER BEHIND CABINETRY. ROUTE CW LINE UP THROUGH COUNTERTOP AND PROVIDE RUBBER GROMMET.	-	-
WC-1	WC-1A	ZURN Z-5615 SERIES	FIXTURE: WATER CLOSET - WALL HUNG, WHITE VITREOUS CHINA, SIPHON JET, ELONGATED BOWL, 1-1/2" TOP SPUD. TRIM: FLUSH VALVE - EXPOSED, SENSOR OPERATED, WITH OVER-RIDE, HARDWIRED, 120VAC TO 24VAC TRANSFORMER CAPABLE OF OPERATING UP TO 10 UNITS, RANGE ADJUSTMENT SCREW CHROME PLATED 1" I.P.S. SCREWDRIVER STOP-CHECK VALVE, VACUUM BREAKER, WALL AND SPUD FLANGES, 1.6 GALLONS PER FLUSH. 3 YEAR WARRANTY. EQUAL TO ZURN Z6200 (AUTOMATIC) SERIES. ACCESSORIES: WHITE, EXTRA HEAVY, OPEN FRONT, INJECTION MOLDED SOLID ANTI-MICROBIAL PLASTIC SELF-SUSTAINING SEAT WITH CHECK HINGE AND STAINLESS STEEL OR PLATED STEEL POSTS AND NUTS. CLOSET CARRIER (COMBINATION CHAIR CARRIER AND DRAINAGE FITTING) AND ACCESSORIES TO MATCH INSTALLATION REQUIREMENTS.	120V / SINGLE PHASE / 20 AMP	3
WCO-1	-	ZURN Z-1446	FIXTURE: WALL CLEANOUTS SHALL HAVE CAST IRON ACCESS BODY, GAS AND WATERTIGHT THREADED PLUG, ROUND STAINLESS STEEL ACCESS COVER AND EXTENDED MACHINE SCREW.	-	-
YCO-1	-	ZURN Z-1474	FIXTURE: YARD CLEANOUT - ROUND DURA-COATED CAST IRON CLEANOUT AND DOUBLE FLANGED HOUSINGS, HEAVY DUTY SECURED SCORIATED DURA-COATED CAST IRON COVER WITH LIFTING DEVICE. BRONZE CLEANOUT PLUG AND GAS/WATERTIGHT SEAL. SIZE AS LISTED ON PLANS.	-	-
YCO-2	-	ZURN Z-1474	FIXTURE: 2-WAY YARD CLEANOUT - TWO ROUND DURA-COATED CAST IRON CLEANOUT AND DOUBLE FLANGED HOUSINGS, HEAVY DUTY SECURED SCORIATED DURA-COATED CAST IRON COVERS WITH LIFTING DEVICE. BRONZE CLEANOUT PLUGS AND GAS/WATERTIGHT SEALS. PROVIDE WITH A DOUBLE, 2-WAY CLEANOUT FITTING. REFER TO YARD CLEANOUT DETAIL FOR ADDITIONAL INFORMATION. SIZE AS LISTED ON PLANS.	-	-

NOTES:
1. FIXTURE TO BE ADA COMPLIANT AND INSTALLED AT ADA HEIGHT. COORDINATE REQUIRED LOCATIONS WITH ARCHITECTURAL DRAWINGS.
2. SEE SPECIFICATIONS FOR LIST OF ACCEPTABLE MANUFACTURERS AND INSTALLATION REQUIREMENTS.
3. HARDWIRED DISCONNECT BY E.C.
4. CORD & PLUG DISCONNECT BY MFR.

LAVATORY AND SINK SCHEDULE

MARK	ADA	MANUFACTURER (NOTE 1)		DESCRIPTION			FIXTURE DIMENSIONS (INCHES)					ELECTRICAL CONNECTION		NOTES
							OVERALL		INSIDE BOWL					
		FIXTURE	TRIM	FIXTURE	TRIM	ACCESSORIES	SIDE TO SIDE	FRONT TO BACK	SIDE TO SIDE	FRONT TO BACK	DEPTH	VOLTAGE	PHASE	
L-1	L-1A	ZURN Z-5340 SERIES	SLOAN SF-2300 SERIES	WALL MOUNTED, WHITE VITREOUS CHINA, 4" CENTER FAUCET HOLES. HOLES FOR CONCEALED ARM CARRIER. WALL SUPPORTED CONCEALED ARM CARRIER WITH PLATE SET SECURELY WITHIN WALL. PROVIDE ALL REQUIRED ACCESSORIES FOR INSTALLATION.	SENSOR ACTIVATED MIXING FAUCET, DOUBLE HOLE 4" CENTERS WITH DECK PLATE, 4" CHROME PLATED, CONVENTIONAL SPOUT WITH LAMINAR FLOW OUTLET. SOLID BRASS SOLENOID WITH BUILT-IN FILTER, UNDERCOUNTER SOLID BRASS MECHANICAL MIXING VALVE (WYE PATTERN STYLE NOT ACCEPTABLE) WITH ADJUSTABLE TEMPERATURE LIMIT STOP AND INTEGRAL CHECK VALVES. BATTERY POWERED WITH WATERPROOF CONNECTORS AND CABLE CONTROLS AND BATTERIES TO BE LOCATED IN WATERPROOF, VANDAL-RESISTANT ENCLOSURE MOUNTED BELOW LAVATORY. UL APPROVED TRANSFORMER, 120 VAC INPUT, WITH WATERPROOF CONNECTORS AND CABLE. MOUNT TRANSFORMER ABOVE CEILING OR IN ACCESSIBLE PIPE CHASE. MAXIMUM FLOW TO BE 0.5 GPM. PROVIDE RESTRICTIVE DEVICE AND ESCUTCHEON PLATE AS REQUIRED.	QUARTER-TURN 3/8" CHROME PLATED HEAVY BRASS ANGLE SUPPLIES AND LOOSE KEY STOPS WITH CHROME PLATED SOFT COPPER RISERS OR FLEXIBLE BRAIDED STAINLESS STEEL RISERS AND CHROME ESCUTCHEONS. PERFORATED DRAIN GRATE, CHROME-PLATED P-TRAP, [OFFSET] TAILPIECE AND ESCUTCHEON. PRE-MANUFACTURED, DURABLE, SINGLE-PIECE ENCLOSURE THAT CONCEALS PIPING, ELECTRONIC SENSOR CONNECTIONS, MIXING VALVES, TRAPS, INSTANTANEOUS WATER HEATERS, ETC. ENCLOSURE TO BE ADA-COMPLIANT. EQUAL TO TRUEBRO LAV SHIELD. PROVIDE WITH MV-1. INSTALL BELOW FIXTURE IN ACCESSIBLE LOCATION.	20	18 1/4	16 1/2	10 1/4	6 3/8	120	1	2
SK-1	SK-1A	JUST DL SERIES	DELTA 440 DST	STAINLESS STEEL DROP-IN SINK, DOUBLE COMPARTMENT WITH FAUCET DECK, 18 GAUGE TYPE 304, SELF-RIMMING. COMPLETELY UNDERCOATED, 3-1/2" DIAMETER DRAIN OUTLET.	SINGLE HANDLE MIXING FAUCET FOR SINGLE HOLE SINK APPLICATIONS. SWIVEL SPOUT WITH 9" REACH & INTEGRAL ANTI-SIPHON DEVICE. HANDLE TO HAVE CERAMIC CARTRIGE CONTROL MECHANISM & RED/BLUE TEMPERATURE INDICATORS. DECK MOUNTED SPRAY ATTACHMENT. 45° LONG SPRAY HOSE. MAXIMUM FLOW TO BE 1.5 GPM. PROVIDE RESTRICTIVE DEVICE AND ESCUTCHEON PLATE AS REQUIRED.	REMOVABLE STAINLESS STEEL BASKET STRAINER AND NEOPRENE STOPPER. QUARTER-TURN 3/8" CHROME PLATED HEAVY BRASS ANGLE SUPPLIES AND LOOSE KEY STOPS WITH CHROME PLATED SOFT COPPER RISERS OR FLEXIBLE BRAIDED STAINLESS STEEL RISERS AND CHROME ESCUTCHEONS. CHROME-PLATED P-TRAP AND TAILPIECE AND ESCUTCHEON. PROVIDE WITH WALL CLEANOUT WCO-1 BELOW SINK.	43	22	19	16	7 5/8	-	-	3

NOTES:
1. SEE SPECIFICATIONS FOR LIST OF ACCEPTABLE MANUFACTURERS AND INSTALLATION REQUIREMENTS.
2. HARDWIRED DISCONNECT BY E.C.
3. VERIFY SINK DIMENSIONS WITH CASEWORK PRIOR TO ORDERING.

PIPING APPLICATION SCHEDULE (PLUMBING)

SYSTEM (NOTE 1)	LOCATION	DESIGN WORKING PRESSURE (PSI)	MATERIAL	JOINTS	USAGE SIZE RANGE	INSULATION APPLICATION		NOTES
						THICKNESS (IN.)	TYPE (NOTES 2, 3)	
DOMESTIC COLD WATER	ABOVE GRADE	125	TYPE L COPPER	SOLDER OR MECHANICAL PRESS CONNECTION	1-1/4" OR LESS	1/2"	ELASTOMERIC FOAM OR FIBERGLASS	-
					1-1/2" & GREATER	1"		
			PEX	PEX EXPANSION	1-1/4" OR LESS	1/2"	ELASTOMERIC FOAM OR FIBERGLASS	7
					1-1/2" & GREATER	1"		
	BELOW GRADE	125	TYPE K COPPER	SOLDER	LESS THAN 3"	-	-	-
			DUCTILE IRON PRESSURE WATER PIPE	MECHANICAL OR PUSH-ON	3" & GREATER	-	-	6
DOMESTIC HOT WATER SUPPLY AND RECIRCULATING	ABOVE GRADE	125	TYPE L COPPER	SOLDER OR MECHANICAL PRESS CONNECTION	1-1/4" OR LESS	1"	ELASTOMERIC FOAM OR FIBERGLASS	-
					1-1/2" & GREATER	1-1/2"		
			PEX	PEX EXPANSION	1-1/4" OR LESS	1"	ELASTOMERIC FOAM OR FIBERGLASS	7
					1-1/2" & GREATER	1-1/2"		
SANITARY/VENT	BELOW GRADE	N/A	CAST IRON AND/OR SCH 40 PVC	BELL & SPIGOT, NO HUB. OR SOLVENT	ALL	-	-	-
	ABOVE GRADE (NON PLENUM)	N/A	CAST IRON, DWV COPPER, AND/OR SCH 40 PVC	BELL & SPIGOT, NO HUB, SOLDER, OR SOLVENT	ALL	1/2"	FIBERGLASS	4
	ABOVE GRADE (RETURN AIR PLENUM)	N/A	CAST IRON, DWV COPPER	BELL & SPIGOT, NO HUB, SOLDER	ALL	1/2"	FIBERGLASS	4
AUTOMOTIVE FLUIDS	BELOW GRADE	125	DOUBLE-WALL STAINLESS STEEL CONTAINMENT PIPING	DOUBLE-WALL FITTINGS	ALL	-	-	-
	ABOVE GRADE	125	SCH 40 BLACK STEEL	THREADED, AND/OR WELDED	ALL	-	-	-
PLUMBING EQUIPMENT DRAINS	ABOVE GRADE (RETURN AIR PLENUM)	N/A	DWV COPPER	SOLDER	ALL	1"	FIBERGLASS	8
	ABOVE GRADE (NON-PLENUM)	N/A	DWV COPPER, AND/OR SCH 40 PVC	SOLDER, AND/OR SOLVENT	ALL	1"	FIBERGLASS	8
COMPRESSED AIR	GENERAL	125	SCH 40 BLACK STEEL, SCH 40 GALVANIZED STEEL, COPPER	THREADED, FLANGED, WELDED, OR SOLDER	ALL	-	-	-
			POWDER COATED ALUMINUM	MECHANICAL PUSH-ON CONNECTION	ALL	-	-	-
WATER HEATER INTAKE AND FLUE	ABOVE GRADE	N/A	SCH 40 CPVC	SOLVENT	ALL	1/2"	ELASTOMERIC FOAM	9

NOTES:
1. REFER TO EACH PIPING SPECIFICATION FOR SPECIFIC PIPING REQUIREMENTS.
2. SEE SPECIFICATION SECTION 230719 FOR COMPLETE INSULATION AND JACKETING REQUIREMENTS. ALL INSULATION SHALL BE PLENUM RATED MEETING ASTM E84 WHERE INSTALLED IN A RETURN AIR PLENUM.
3. INSTALL RIGID CALCIUM SILICATE INSERTS AT ALL PIPING HANGERS.
4. INSULATE ALL PLUMBING VENT PIPE WITHIN 10' OF ROOF PENETRATION.
5. INSULATE ALL ROOF DRAIN BODIES EXPOSED WITHIN BUILDING.
6. PIPE SHALL BE CEMENT MORTAR LINED PER ANSI/AWWA STANDARDS. FITTINGS SHALL BE LONG RADIUS, 200 PSI RATED, CEMENT MORTAR LINED.
7. PEX PIPING SHALL ONLY BE ALLOWED FOR INDIVIDUAL FIXTURE DROPS. PEX PIPING SHALL NOT BE INSTALLED IN RATED WALLS.
8. INSULATION ONLY REQUIRED FOR COLD SERVICE PIPING. EQUIPMENT DRAIN LESS THAN 5' IN LENGTH NEED NOT BE INSULATED.
9. INSULATION REQUIRED FOR THE FIRST 10' OF PIPING FROM ROOF AND FOR HORIZONTAL PIPING INSTALLED FOR 7' IN A MECHANICAL ROOM.

WATER HEATER SCHEDULE (DOMESTIC)

MARK	MANUFACTURER	MODEL	FUEL	INPUT (MBH OR KW)	EFFICIENCY	GAS PRESSURE (IN. W.C.)	HW SETPOINT	WORKING PRESSURE	ASME RATED	ELECTRICAL				NOTES
			GAS OR ELECTRIC							HP	VOLT	PH	DISCONNECT BY	
GWH-1	RHEEM	RTGH-95	GAS	199.9	93%	-	140	150 PSI	NO	-	120	1	EC	1,2
GWH-2	RHEEM	RTGH-95	GAS	199.9	93%	-	140	150 PSI	NO	-	120	1	EC	1,2

NOTES:
1 PROVIDE CONCENTRIC VENT KIT.
2 PROVIDE CONDENSATE NEUTALIZATION KIT.

CIRCULATION PUMP SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	PUMP SPEED	PUMP CONSTRUCTION		FLOWRATE PER PUMP (GPM)	HEAD (FT.)	ELECTRICAL				NOTES
					HOUSING	IMPELLER			HP	VOLT	PHASE	DISCONNECT BY	
CP-1	GRUNDFOS	UP 15-29 SU	INLINE	SINGLE SPEED	STAINLESS STEEL	COMPOSITE	3	9	1/8	115	1	E.C.	1, 2, 3

NOTES:
1. PROVIDE PUMP WITH IMMERSION TYPE AQUASTAT TEMPERATURE SENSOR FOR PUMP OPERATION. REFER TO WATER HEATER DETAIL FOR ADDITIONAL INSTALLATION REQUIREMENTS.
2. PROVIDE PUMP WITH FLANGED CONNECTIONS.
3. REFER TO DOMESTIC WATER PIPING DIAGRAM AND PUMP DETAILS FOR ADDITIONAL REQUIREMENTS.

PLUMBING CONNECTION SCHEDULE

FIXTURE	MINIMUM BRANCH SIZING				FIXTURE CONNECTION SIZE			NOTES
	CW	HW	SAN	VENT	CW	HW	SAN	
ELECTRIC WATER COOLER	1/2"	-	1 1/2"	1 1/4"	3/8"	-	1 1/4"	1, 2
FLOOR DRAIN/FLOOR SINK	-	-	2-3"	1 1/2"	-	-

ABBREVIATIONS

▲T	TEMPERATURE DIFFERENCE	LB	POUND
Ø	ROUND	LB/HR	POUNDS PER HOUR
ABV	ABOVE	LD	LINEAR DIFFUSER
AC	AIR CONDITIONING	LP	LOW PRESSURE
AD	AREA DRAIN	LP	LIQUEFIED PETROLEUM GAS
ADD	ADDENDUM	LVR	LOUVER
A/E	ARCHITECT / ENGINEER	LWT	LEAVING WATER TEMPERATURE
AFF	ABOVE FINISHED FLOOR	MA	MIXED AIR
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	MAX	MAXIMUM
ALT	ALTERNATE	MBH	ONE THOUSAND BTU PER HOUR
AP	ACCESS PANEL	M.C.	MECHANICAL CONTRACTOR
ARCH	ARCHITECT/ARCHITECTURAL	MD	MOTORIZED DAMPER
BAS	BUILDING AUTOMATION SYSTEM	MECH	MECHANICAL
BFF	BELOW FINISHED FLOOR	MFR	MANUFACTURER
BHP	BRAKE HORSEPOWER	MIN	MINIMUM
BLW	BELOW	MISC	MISCELLANEOUS
BTU	BRITISH THERMAL UNITS	MP	MEDIUM PRESSURE
BTUH	BRITISH THERMAL UNITS PER HOUR	MTR	MOTOR
CAP	CAPACITY	MUA	MAKE-UP/AIR
CB	CATCH BASIN	NC	NOISE CRITERIA
CD	CEILING DIFFUSER	NC	NORMALLY CLOSED
CFM	CUBIC FEET PER MINUTE	NIC	NOT IN CONTRACT
CFH	CUBIC FEET PER HOUR	NG	NATURAL GAS
CLG	CEILING	NO	NUMBER
C.M.	CONSTRUCTION MANAGER	NO	NORMALLY OPEN
CO	CLEAN OUT	NTS	NOT TO SCALE
CV	CONTROL VALVE	O	OXYGEN
CW	COLD WATER	OA	OUTSIDE AIR
D	DEGREE	ORD	OVERFLOW ROOF DRAIN
DB	DRY BULB	PD	PRESSURE DROP
DDC	DIRECT DIGITAL CONTROLS	PIV	POST INDICATOR VALVE
DIA	DIAMETER	PLBG	PLUMBING
DN	DOWN	PRESS	PRESSURE
DW	DEIONIZED WATER	PRV	PRESSURE REDUCING VALVE
EAT	ENTERING AIR TEMPERATURE	PSI	POUNDS PER SQUARE INCH
E.C.	ELECTRICAL CONTRACTOR	PSIG	POUNDS PER SQUARE INCH GAUGE
ELEC	ELECTRICAL	PWR	POWER
EQUIP	EQUIPMENT	R	ROOT RISER
EWC	ELECTRIC WATER COOLER	RA	RETURN AIR
EWT	ENTERING WATER TEMPERATURE	RCP	RADIANT CEILING PANEL
EA	EXHAUST AIR	RD	ROOF DRAIN
EG	EXHAUST GRILLE	REC	RECESSED
EXIST	EXISTING	RED	REDUCER
F	DEGREES FAHRENHEIT	RG	RETURN GRILLE
FCO	FLOOR CLEAN OUT	RH	RELATIVE HUMIDITY
FD	FLOOR DRAIN	RLA	RELIEF AIR
FDC	FIRE DEPARTMENT CONNECTION	RM	ROOM
FL	FLOOR	RPM	REVOLUTIONS PER MINUTE
FO	FUEL OIL	SA	SUPPLY AIR
FOV	FUEL OIL VENT	SAN	SANITARY
FOR	FUEL OIL RETURN	SD	SMOKE DAMPER
FOS	FUEL OIL SUPPLY	SF	SQUARE FOOT
FPC	FIRE PROTECTION CONTRACTOR	SG	SUPPLY GRILLE
FPM	FEET PER MINUTE	SM	SURFACE MOUNT
FS	FLOOR SINK	SP	STATIC PRESSURE
FT	FOOT/FEET	SR	SUPPLY REGISTER
FTR	FIN TUBE RADIATION	STM	STEAM
GAL	GALLON	T	THERMOSTAT
GF	GAS-FIRED	T.C.	TEMP CONTROLS CONTRACTOR
G.C.	GENERAL CONTRACTOR	TD	TEMPERATURE DROP
GPM	GALLONS PER MINUTE	TD	TRENCH DRAIN
GW	GREASE WASTE	TEMP	TEMPERATURE
HB	HOSE BIBB	TYP	TYPICAL
HP	HORSE POWER	UG	UNDERGROUND
HP	HIGH PRESSURE	VAC	VACUUM
HTG	HEATING	V	VENT
HTR	HEATER	VAV	VARIABLE AIR VOLUME
HW	HOT WATER	VENT	VENTILATION
HYD	HYDRANT	VTR	VENT THROUGH ROOF
ID	INDIRECT DRAIN	W	WASTE
IN	INCH	WB	WET BULB
I.E.	INVERT ELEVATION	WCO	WALL CLEAN OUT
K.E.C.	KITCHEN EQUIPMENT CONTRACTOR	WH	WALL HYDRANT
LAT	LEAVING AIR TEMPERATURE	YCO	YARD CLEANOUT

EQUIPMENT ABBREVIATIONS

AC	AIR CONDITIONING UNIT	ERV	ENERGY RECOVERY VENTILATOR
ACCU	AIR COOLING CONDENSING UNIT	EWH	ELECTRIC WATER HEATER
AHU	AIR HANDLING UNIT	FCU	FAN COIL UNIT
AS	AIR SEPARATOR	FP	FIRE PUMP
B	BOILER	GI	GREASE INTERCEPTOR
BCU	BLOWER COIL UNIT	GRV	GRAVITY ROOF VENTILATOR
CH	CHILLER	HP	HEAT PUMP
CT	COOLING TOWER	HWP	HEATING WATER PUMP
CUH	CABINET UNIT HEATER	HRU	HEAT RECOVERY UNIT
CHWP	CHILLED WATER PUMP	P	PUMP
CP	CONDENSER PUMP	PRV	POWER ROOF VENTILATOR
DBP	DOMESTIC WATER BOOSTER PUMP	RF	RETURN FAN
DC	DUCT MOUNTED COIL	RHC	REHEAT COIL
CP	DOMESTIC WATER CIRCULATING PUMP	RTU	ROOFTOP UNIT
EF	EXHAUST FAN	SP	SUMP PUMP
EDC	ELECTRIC DUCT COIL	UH	UNIT HEATER
ET	EXPANSION TANK	WH	WATER HEATER

* NOTE *

ALL GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL SUBSEQUENT SHEETS IN SHEET LIST. THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

GENERAL PLAN SYMBOLS

- PLAN REVISION NUMBER
- DETAIL NUMBER ON SHEET / SHEET NUMBER WHERE DETAIL IS PLACED
- KEYNOTE SYMBOL
- POINT WHERE NEW CONNECTS TO EXISTING
- Room Name / Number — ROOM NAME / NUMBER
- AREA BEING DEMOLISHED
- AREA NOT IN CONTRACT
- MARK — SCHEDULED EQUIPMENT (UNDERLINED)
- MARK — NONSCHEDULED EQUIPMENT
- (E) MARK — EXISTING EQUIPMENT - HALFTONE - (E) PREFIX
- (R) MARK — EXISTING RELOCATED EQUIPMENT - (R) PREFIX

DUCTWORK SYMBOLS

- 24/12 — RECT. DUCT SIZE (WIDTH / HEIGHT)
- 18Ø — ROUND DUCT SIZE (DIAMETER)
- 18/12Ø SUPPLY AIR — OVAL DUCT SIZE (WIDTH / HEIGHT)
- 18/12 — EXISTING DUCT TO REMAIN
- 16/12 — DUCT TO BE DEMOLISHED
- SA — SUPPLY AIR
- RA — RETURN AIR
- EA — EXHAUST AIR
- OA — OUTSIDE AIR
- FLUE — FLUE GAS VENT
- CA — COMBUSTION AIR
- RECT. SUPPLY DUCT RISE / DROP
- ROUND SUPPLY DUCT RISE / DROP
- RECT. RETURN DUCT RISE / DROP
- ROUND RETURN DUCT RISE / DROP
- RECT. EXHAUST DUCT RISE / DROP
- ROUND EXHAUST DUCT RISE / DROP
- FLEXIBLE DUCTWORK

AIR TERMINALS

- SUPPLY GRILLE, REGISTER, DIFFUSER
- RETURN GRILLE, REGISTER, DIFFUSER
- EXHAUST GRILLE, REGISTER, DIFFUSER

DIFFUSER CALLOUT SYMBOL

NECK SIZE — 20/12 / 12/12 — MARK / SLOT QT. (IF APPLICABLE)
CFM — 100

DAMPER TYPES

- MANUAL DAMPER
- (M) MOTORIZED DAMPER
- (B) BACKDRAFT DAMPER
- (S) SMOKE DAMPER
- (F) FIRE DAMPER
- (C) COMB. FIRE/ SMOKE DAMPER

MECHANICAL PIPING SYMBOLS

- 2" — NOMINAL PIPE SIZE
- 2" CHWS — EXISTING PIPE TO REMAIN
- PIPE TO BE DEMOLISHED
- BD — BOILER BLOW DOWN
- BFW — BOILER FEED-WATER
- CHWS — CHILLED-WATER SUPPLY
- CHWR — CHILLED-WATER RETURN
- CWS — CONDENSER-WATER SUPPLY
- CWR — CONDENSER-WATER RETURN
- FOS — FUEL OIL SUPPLY
- ATF — FUEL OIL RETURN
- GLS — GEOTHERMAL LOOP SUPPLY
- GLR — GEOTHERMAL LOOP RETURN
- HWS — HOT-WATER SUPPLY
- HWR — HOT-WATER RETURN
- RL — REFRIGERANT LINESET
- LPS — LOW PRESSURE STEAM SUPPLY
- LPR — LOW PRESSURE STEAM RETURN
- MPS — MEDIUM PRESSURE STEAM SUPPLY
- MPR — MEDIUM PRESSURE STEAM RETURN
- HPS — HIGH PRESSURE STEAM SUPPLY
- HPR — HIGH PRESSURE STEAM SUPPLY
- NG — NATURAL GAS
- LP — LIQUID PROPANE
- C — CONDENSATE DRAIN

PIPE FITTINGS

- PIPE RISE / DROP
- PIPE ELBOW
- PIPE TEE HORIZONTAL / RISER / DROP
- PIPE CAP / CONTINUATION

PIPE ACCESSORIES

- BALANCING VALVE
- BALL VALVE
- GATE VALVE
- GENERIC ISOLATION VALVE
- PRESSURE REDUCING VALVE
- 2-WAY ELEC. CONTROL VALVE
- 3-WAY ELEC. CONTROL VALVE
- FLOW SENSOR
- PRESSURE SENSOR
- TEMPERATURE SENSOR & WELL
- INLINE SENSOR
- FLEXIBLE CONNECTOR
- PRESSURE GAUGE
- UNION
- STRAINER
- ANGLE VALVE
- BUTTERFLY VALVE
- PLUG VALVE
- GAS METER
- INLINE PUMP
- HOSE BIBB/ HYDRANT
- P/T PORT
- AIR VENT
- PRESSURE RELIEF
- STEAM TRAP
- THERMOMETER

DATA DEVICES

- T — THERMOSTAT
- H — HUMIDISTAT
- T/H — TEMPERATURE & HUMIDITY DETECTOR
- T/C — TEMPERATURE & CO2 DETECTOR
- D — GENERIC DETECTOR
- DDC SENSOR. SEE ABBREVIATIONS LIST

GENERAL NOTES - FUEL GAS

1. ALL FUEL GAS WORK SHOULD BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION:
   - NFPA 54 -NATIONAL FUEL GAS CODE
   - 2023 FLORIDA BUILDING CODE - FUEL GAS
   - LOCAL CODES, INCLUDING ALL AMENDMENTS AND ORDINANCES
2. NATURAL GAS SERVICE, METER AND UTILITY REGULATOR SHALL BE PROVIDED AND INSTALLED BY THE GAS UTILITY COMPANY. PAID FOR BY THE OWNER.
3. TEST AND PURGE NATURAL GAS PIPING PER NFPA 54 RECOMMENDATIONS.
4. PROVIDE GAS PIPING TO EQUIPMENT AND ALL FINAL CONNECTIONS REQUIRED FOR OPERATION.
5. PROVIDE A LEVER HANDLE GAS SHUT-OFF VALVE IN THE BRANCH PIPING OF EACH APPLIANCE OR PIECE OF EQUIPMENT. FOR EACH APPLIANCE INSTALL QUICK DISCONNECT, FLEXIBLE PIPE "WHEN ALLOWED BY CODE", AND RESTRAINING DEVICE FURNISHED BY OWNER. PROVIDE PRESSURE REDUCING VALVES AT EACH PIECE OF EQUIPMENT OR APPLIANCE IF GAS PRESSURE GREATER THAN 10" WC IS USED DOWNSTREAM FROM THE GAS METER.
6. NATURAL GAS PIPING INSTALLED BELOW FLOOR SHALL BE INSTALLED IN CONDUIT AND VENTED PER NFPA 54 REQUIREMENTS.
7. EMERGENCY GAS SOLENOID VALVES SHALL BE WIRED TO BE POWER OPEN/FAIL CLOSED.
8. VENT ALL REGULATORS PER FUEL GAS CODE REQUIREMENTS, EITHER TO THE BUILDING EXTERIOR OR BY PROVIDING VENT LIMITING DEVICES APPROVED FOR INDOOR LOCATIONS.

GENERAL NOTES - MECHANICAL

1. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE HVAC SYSTEMS AS INDICATED ON DRAWINGS, AS SPECIFIED, AND AS REQUIRED BY MOST CURRENT INTERNATIONAL MECHANICAL CODE AND ANY APPLICABLE LOCAL CODES. PROVIDE CLEARANCE FOR INSPECTION, REPAIR, REPLACEMENT, AND SERVICE TO ALL EQUIPMENT TO INCLUDE A MINIMUM OF 36 INCHES FROM ALL OBSTRUCTIONS (WALLS, STRUCTURE, DUCTWORK, PIPES, ETC.). CLEARANCE SHALL MAINTAIN ACCESS TO ALL ELECTRICAL PANELS, ACCESS DOORS, CONTROLLERS, VALVES, JUNCTION BOXES AND OPERATORS AND INCLUDE THE AREA DIRECTLY IN FRONT OF AND ABOVE THE SYSTEM COMPONENTS. INSTALL PIPING SO THAT ALL VALVES, STRAINERS, UNIONS, FLANGES, ACCESSORIES, AND OTHER APPARATUS REQUIRING ACCESS ARE ACCESSIBLE.
2. MECHANICAL CONTRACTOR SHALL VISIT THE JOB SITE AND EXAMINE THE DRAWINGS OF OTHER TRADES PRIOR TO BIDDING TO THOROUGHLY FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS AND THE SCOPE OF THE PROJECT. FAILURE TO DO SO DOES NOT RELIEVE THE MECHANICAL CONTRACTOR OF THE RESPONSIBILITY TO UNDERSTAND THE SCOPE OR OF UNDERSTANDING ANY FIELD CONDITIONS WHICH COULD BE REASONABLY EXPECTED TO BE KNOWN BY A THOROUGH INVESTIGATION
3. DRAWINGS ARE DIAGRAMMATICAL IN NATURE. IT IS NOT INTENDED THAT THE DRAWINGS SHOW EVERY DUCT, FITTING, TRANSITION, DAMPER, ETC., AND IT IS UNDERSTOOD THAT WHILE THE DRAWINGS MUST BE FOLLOWED AS CLOSELY AS CIRCUMSTANCES WILL PERMIT, THE PROPER INSTALLATION ACCORDING TO THE TRUE INTENT AND MEANING OF THE DRAWINGS, LOCAL CODES AND STANDARD PRACTICES SHALL BE PROVIDED. MECHANICAL CONTRACTOR TO PROVIDE ALL DUCTWORK TRANSITIONS, FLEXIBLE CONNECTIONS, AND ACCESSORIES AS REQUIRED. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO INSTALLATION. REPORT ANY PROBLEMS OR CONFLICTS TO THE OWNER OR ENGINEER.
4. ANY MINOR CHANGES IN THE LOCATION OF EQUIPMENT, DUCTS, PIPE CONTROL DEVICES, ETC., FROM THOSE LOCATIONS SHOWN ON THE DRAWINGS SHALL BE MADE WITHOUT EXTRA COST IF SO DIRECTED BY THE OWNERS REPRESENTATIVE OR ENGINEER BEFORE THE INSTALLATION IS MADE. A MINOR CHANGE IN LOCATION SHALL BE CONSIDERED TO BE WITHIN 6'-0" OF THE ORIGINALLY INDICATED LOCATIONS.
5. VERIFY ALL DIMENSIONS BY FIELD MEASUREMENTS. VERIFY FINAL LOCATIONS FOR ROUGH-INS WITH FIELD MEASUREMENTS AND WITH THE REQUIREMENTS OF THE ACTUAL EQUIPMENT TO BE CONNECTED.
6. WHERE MOUNTING HEIGHTS ARE NOT DETAILED OR DIMENSIONED, INSTALL SYSTEMS, MATERIALS, AND EQUIPMENT TO PROVIDE THE MAXIMUM HEADROOM POSSIBLE.
7. INSTALL SYSTEMS, MATERIALS AND EQUIPMENT LEVEL AND PLUMB, PARALLEL AND PERPENDICULAR TO OTHER BUILDING SYSTEMS AND COMPONENTS WHERE INSTALLED EXPOSED IN FINISHED SPACES AND GIVING RIGHT-OF-WAY PRIORITY TO SYSTEMS REQUIRED TO BE INSTALLED AT A SPECIFIED SLOPE.
8. INSTALL ALL HVAC EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.
9. ALL OPENINGS IN FIRE-RATED AND SMOKE-RATED WALLS DUE TO DUCTWORK, PIPING AND CONTROL CONDUIT SHALL BE FIRE-STOPPED WITH AN APPROVED FIRE STOP MATERIAL. COORDINATE INSTALLATION WITH ARCHITECTURAL CODE PLANS.
10. PROVIDE ACCESS DOORS IN DUCTWORK OR WALLS/CEILING FOR OPERATION, ADJUSTMENT, AND MAINTENANCE OF ALL FANS, VALVES, COILS, AND MECHANICAL EQUIPMENT. COILS LOCATED IN DUCTWORK TO BE PROVIDED WITH ACCESS DOORS ON OUTLET SIDE OF COIL.
11. LOCATIONS AND SIZES OF ALL FLOOR, CEILING AND WALL OPENINGS SHALL BE COORDINATED WITH ALL OTHER TRADES INVOLVED AND THE OWNER.
12. MECHANICAL CONTRACTOR SHALL COORDINATE CEILING DIFFUSER/GRILLE/REGISTER LOCATIONS WITH LIGHTING, FIRE ALARM EQUIPMENT AND FIRE SUPPRESSION SYSTEMS.
13. MECHANICAL CONTRACTOR SHALL PROVIDE MANUAL BALANCE DAMPERS IN ALL BRANCH TAKE-OFFS TO SUPPLY DIFFUSERS. PROVIDE ADDITIONAL MANUAL BALANCE DAMPERS IN MAIN AND SUB-MAIN DUCTS AS REQUIRED TO ENSURE THE SUPPLY AND RETURN AIR SYSTEMS CAN BE BALANCED TO THE SPECIFIED DESIGN AIRFLOW.
14. IN AREAS WHERE A CEILING GRID EXISTS, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF EXISTING CEILING GRID AND TILES AS NECESSARY FOR INSTALLATION OF VENTILATING WORK. ANY PORTION OF THE EXISTING TILES OR GRID WHICH BECOME DAMAGED DURING REMOVAL SHALL BE REPLACED BY THE MECHANICAL CONTRACTOR.
15. DO NOT ROUTE DUCT OR PIPING ABOVE OR BELOW ELECTRICAL PANELS INCLUDING SERVICE CLEARANCES.
16. ALL RECTANGULAR AND/OR ROUND SUPPLY AND RETURN DUCTWORK SHOWN ON THE PLANS MAY BE CONVERTED TO EQUIVALENT ROUND/RECTANGULAR DUCTWORK AT THE DISCRETION OF THE MECHANICAL CONTRACTOR. ANY DUCT CONVERSIONS SHALL BE SUBMITTED AS PART OF THE DUCTWORK SHOP DRAWINGS FOR APPROVAL BY THE ENGINEER.
17. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING METHODS OF BRINGING IN MECHANICAL EQUIPMENT THROUGH BUILDING INTO MECHANICAL ROOMS.
18. PIPING SHALL NOT BE SUPPORTED FROM OTHER PIPING, CONDUIT, OR DUCTWORK.
19. PROVIDE CHAIN WHEEL OPERATORS FOR ALL VALVES IN EQUIPMENT ROOMS MOUNTED GREATER THAN 7'-0" ABOVE FLOOR LEVEL. CHAIN SHALL EXTEND TO 7'-0" ABOVE FLOOR LEVEL.
20. COORDINATE PIPE ROUTING TO AVOID RUNNING PIPING BELOW ROOF HATCHES, SKYLIGHTS AND ACCESS PANELS.
21. ALL CONTROL WIRING ROUTED EXPOSED IN SPACES SUCH AS MECHANICAL ROOMS OR ABOVE HARD CEILINGS SHALL BE ROUTED IN CONDUIT. CONTROL WIRING ROUTED ABOVE ACCESSIBLE CEILINGS IS NOT REQUIRED TO BE RUN IN CONDUIT, BUT SHOULD BE SECURELY STRAPPED TO PERMANENT SUPPORTS FOR A CLEAN INSTALLATION.
22. ALL THERMOSTATS SHALL BE MOUNTED AT SAME ELEVATION AS ADJACENT LIGHT SWITCHES UNLESS NOTED OTHERWISE.

MECHANICAL SHEET INDEX

MM000	MECHANICAL COVER PAGE
MM100	MECHANICAL PLAN
MM500	MECHANICAL DETAILS
MM600	MECHANICAL SCHEDULES

KED bluestone
5018 NW 88th Street
Johnston, IA 50131
515-727-0757
www.KEDbluestone.com

PROJECT NUMBER: 126100
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN. THIS DRAWING AND THE DATA SHOWN ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

MECHANICAL COVER PAGE MM000

KEYED NOTES:

1. COMBUSTION AIR INLET. TERMINATE WITH MFR APPROVED INTAKE HOOD.
2. COORDINATE EXACT LOCATION OF RADIANT TUBE HEATER PRIOR TO INSTALLATION TO MAINTAIN CLEARANCE TO COMBUSTIBLES WITH OTHER TRADES.
3. COORDINATE WITH LOCAL UTILITY TO PROVIDE GAS METER AND REGULATOR. PROVIDE 2 PSI GAS. SEE CIVIL FOR PIPE CONTINUATION BELOW GRADE.
4. PROVIDE GAS PRESSURE REDUCING VALVE (2 PSI TO MANUFACTURERS RECOMMENDED PRESSURE) AND SHUTOFF VALVE AT UNIT. VENT VALVE AS REQUIRED. PROVIDE DRIP LEG.
5. ALL EXTERIOR NATURAL GAS PIPING TO BE PAINTED.
6. TERMINATE WITH CONCENTRIC VENT KIT.
7. PROVIDE CATEGORY III VENT AND SIDEWALL VENT CAP PER MANUFACTURER'S RECOMMENDATIONS.
8. EF-6 TO BE LOCATED IN MEZZANINE TO EXHAUST AIR FROM SHOP AREA.
9. MOUNT CONDENSING UNIT APPROXIMATELY 12'-0" ABOVE GRADE TO SIT FLUSH WITH BOTTOM OF METAL PANELS.
10. PROVIDE PLASTIC PAD A MINIMUM OF 4 INCHES THICK FOR CONDENSING UNIT TO BE INSTALLED ON. PAD TO BE 6 INCHES WIDER AND LONGER THAN CONDENSING UNIT IN ALL DIRECTIONS.

BID ALTERNATE #1

COMBINATION FIRE AND SMOKE DAMPER AT FLOOR PENETRATION

N

1 MECHANICAL PLAN
1/8" = 1'-0"

KEY MAP

KED bluestone
5518 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER ©2026
THIS DRAWING IS PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS. TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING ANDOR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

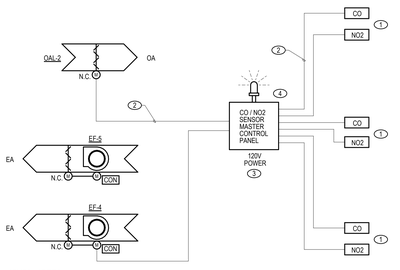
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

MECHANICAL PLAN **MM100**



KEYED NOTES:
1. REFER TO PLANS FOR SENSOR QUANTITY AND LOCATIONS.
2. LOW VOLTAGE CONTROL WIRING BY CONTROLS CONTRACTOR (TYP).
3. POWER CONNECTION BY ELECTRIC CONTRACTOR.
4. AUDIBLE/VISUAL ALARM.

13 EXHAUST FAN - CO-NO2 CONTROL SV BAY
N.T.S.

CONTROL SEQUENCE:

RUN CONDITIONS - SCHEDULED:

EF-5 (NORMAL OPERATION)
- DURING NORMAL OPERATION THE FAN SHALL RUN TO EXHAUST THE GARAGE.

EF-4 (PURGE OPERATION):
- DURING PURGE OPERATION, EF-4 SHALL RUN AT 100% CAPACITY TO PROVIDE THE REQUIRED AIRFLOW FROM THE GARAGE. THE PURGE MODE SHALL BE ACTIVATED VIA THE GAS DETECTION SYSTEM.
- FAN MOTORIZED DAMPER SHALL MODULATE TO 100% OPEN. DAMPER SHALL SHUT ONCE GAS DETECTION PURGE CYCLE HAS FINISHED. A WALL SWITCH SHALL BE PROVIDED TO ALLOW THE FAN TO OPERATE EVEN WHEN GAS IS NOT DETECTED.
- OUTSIDE AIR LOUVER MOTORIZED DAMPER SHALL MODULATE TO 100% OPEN TO ALLOW FOR MAKEUP AIR INTO THE GARAGE WHEN FAN IS ENERGIZED. DAMPER SHALL SHUT ONCE GAS DETECTION PURGE CYCLE HAS FINISHED. DAMPER SHALL OPEN WITH WALL SWITCH CONTROL USED TO OPERATE FAN.

FAN STATUS:
THE CONTROLLER SHALL MONITOR THE FAN STATUS OF EF-4.

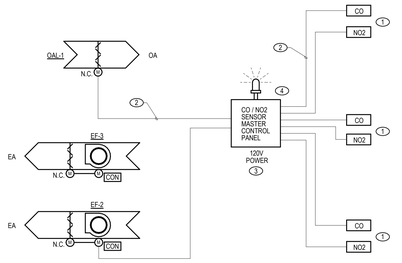
ALARMS SHALL BE PROVIDED AS FOLLOWS:
- FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF.
- FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON.

EXHAUST AIR DAMPER:
THE EXHAUST FAN(S) SHALL BE PROVIDED WITH A MOTORIZED DAMPER AND ACTUATOR FROM THE MANUFACTURER. WHEN THE FAN IS CALLED TO OPERATE THE DAMPER SHALL OPEN. THE DAMPER WILL NOT BE CONTROLLED DIRECTLY BY DDC SYSTEM.

THE EXHAUST AIR DAMPER SHALL OPEN ANYTIME THE UNIT RUNS AND SHALL CLOSE ANYTIME THE UNIT STOPS. THE EXHAUST AIR DAMPER SHALL CLOSE 15-30 SEC (ADJ.) AFTER THE FAN STOPS.

GENERAL NOTES:

1. SYSTEM BASED ON TOXALERT MODEL GVU SERIES CONTROL PANEL AND REMOTE SENSORS.
2. OPTIONS TO BE PROVIDED WITH THE CONTROL PANEL TO INCLUDE THE FOLLOWING: FAN SWITCH, 7 DAY TIME CLOCK AND SECOND ZONE FOR FAN CONTROL.
3. CO SENSOR TO BE CAPABLE OF MEASURING FROM 0-250 PPM. INSTALL SENSOR 3-5 FEET ABOVE FINISHED FLOOR AS REQUIRED BY FLORIDA MECHANICAL CODE.
4. NO2 SENSOR TO BE CAPABLE OF MEASURING FROM 0-10 PPM. INSTALL SENSOR 1 FOOT BELOW THE CEILING AS REQUIRED BY FLORIDA MECHANICAL CODE.
5. ALL EQUIPMENT TO BE INSTALLED IN ENCLOSURE RATED WET ENVIRONMENTS. NTS: VERIFY IF WET LOCATION IS NEEDED
6. DEDICATED CONTROL PANEL TO OPERATE EXHAUST FANS, REMOTE CO AND NO2 SENSORS AND OUTSIDE AIR DAMPERS.
7. PROVIDE WITH AUXILIARY CONTACTS TO RELAY OPERATION STATUS TO DDC.
8. PROVIDE WALL SWITCH TO ALLOW FAN TO RUN AND DAMPERS TO OPEN DURING TIMES WHEN PURGE MODE IS NOT REQUIRED FOR EXCHANGING AIR IN THE SPACE.



KEYED NOTES:
1. REFER TO PLANS FOR SENSOR QUANTITY AND LOCATIONS.
2. LOW VOLTAGE CONTROL WIRING BY CONTROLS CONTRACTOR (TYP).
3. POWER CONNECTION BY ELECTRIC CONTRACTOR.
4. AUDIBLE/VISUAL ALARM.

11 EXHAUST FAN - CO-NO2 CONTROL BUS BAY
N.T.S.

CONTROL SEQUENCE:

RUN CONDITIONS - SCHEDULED:

EF-3 (NORMAL OPERATION)
- DURING NORMAL OPERATION THE FAN SHALL RUN TO EXHAUST THE GARAGE.

EF-2 (PURGE OPERATION):
- DURING PURGE OPERATION, EF-2 SHALL RUN AT 100% CAPACITY TO PROVIDE THE REQUIRED AIRFLOW FROM THE GARAGE. THE PURGE MODE SHALL BE ACTIVATED VIA THE GAS DETECTION SYSTEM.
- FAN MOTORIZED DAMPER SHALL MODULATE TO 100% OPEN. DAMPER SHALL SHUT ONCE GAS DETECTION PURGE CYCLE HAS FINISHED. A WALL SWITCH SHALL BE PROVIDED TO ALLOW THE FAN TO OPERATE EVEN WHEN GAS IS NOT DETECTED.
- OUTSIDE AIR LOUVER MOTORIZED DAMPERS SHALL MODULATE TO 100% OPEN TO ALLOW FOR MAKEUP AIR INTO THE GARAGE WHEN FAN IS ENERGIZED. DAMPER SHALL SHUT ONCE GAS DETECTION PURGE CYCLE HAS FINISHED. DAMPER SHALL OPEN WITH WALL SWITCH CONTROL USED TO OPERATE FAN.

FAN STATUS:
THE CONTROLLER SHALL MONITOR THE FAN STATUS OF EF-2.

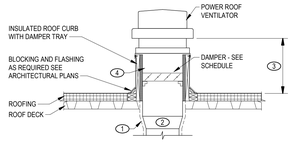
ALARMS SHALL BE PROVIDED AS FOLLOWS:
- FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF.
- FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON.

EXHAUST AIR DAMPER:
THE EXHAUST FAN(S) SHALL BE PROVIDED WITH A MOTORIZED DAMPER AND ACTUATOR FROM THE MANUFACTURER. WHEN THE FAN IS CALLED TO OPERATE THE DAMPER SHALL OPEN. THE DAMPER WILL NOT BE CONTROLLED DIRECTLY BY DDC SYSTEM.

THE EXHAUST AIR DAMPER SHALL OPEN ANYTIME THE UNIT RUNS AND SHALL CLOSE ANYTIME THE UNIT STOPS. THE EXHAUST AIR DAMPER SHALL CLOSE 15-30 SEC (ADJ.) AFTER THE FAN STOPS.

GENERAL NOTES:

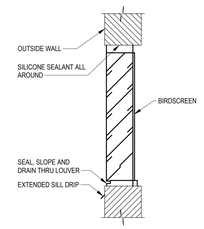
1. SYSTEM BASED ON TOXALERT MODEL GVU SERIES CONTROL PANEL AND REMOTE SENSORS.
2. OPTIONS TO BE PROVIDED WITH THE CONTROL PANEL TO INCLUDE THE FOLLOWING: FAN SWITCH, 7 DAY TIME CLOCK AND SECOND ZONE FOR FAN CONTROL.
3. CO SENSOR TO BE CAPABLE OF MEASURING FROM 0-250 PPM. INSTALL SENSOR 3-5 FEET ABOVE FINISHED FLOOR AS REQUIRED BY FLORIDA MECHANICAL CODE.
4. NO2 SENSOR TO BE CAPABLE OF MEASURING FROM 0-10 PPM. INSTALL SENSOR 1 FOOT BELOW THE CEILING AS REQUIRED BY FLORIDA MECHANICAL CODE.
5. ALL EQUIPMENT TO BE INSTALLED IN ENCLOSURE RATED WET ENVIRONMENTS. NTS: VERIFY IF WET LOCATION IS NEEDED
6. DEDICATED CONTROL PANEL TO OPERATE EXHAUST FANS, REMOTE CO AND NO2 SENSORS AND OUTSIDE AIR DAMPERS.
7. PROVIDE WITH AUXILIARY CONTACTS TO RELAY OPERATION STATUS TO DDC.
8. PROVIDE WALL SWITCH TO ALLOW FAN TO RUN AND DAMPERS TO OPEN DURING TIMES WHEN PURGE MODE IS NOT REQUIRED FOR EXCHANGING AIR IN THE SPACE.



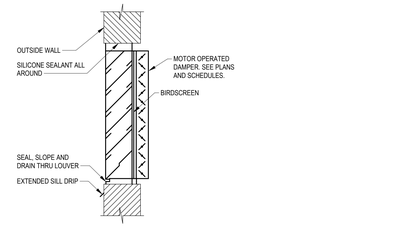
GENERAL NOTES:
1. ROOF CURB PROVIDED BY MECHANICAL CONTRACTOR. COORDINATE INSTALLATION AND FLASHING WITH THE GENERAL CONTRACTOR. REFER TO SCHEDULE FOR HEIGHT REQUIREMENTS.
2. MECHANICAL CONTRACTOR SHALL COORDINATE ROOF OPENING AND CURB SIZE REQUIRED FOR DUCT PENETRATION.
3. SECURE CURB CAP TO WOOD NAILING STRIP WITH 3/8" (10MM) CADMIUM PLATED LAG BOLTS NOT OVER 12" (305MM) ON CENTER
4. SECURE ROOF CURB, DUCTWORK AND DAMPER TO ROOF WITH RUST RESISTANT BOLTS (METALDECK AND BAR JOIST ROOF)
5. SIZE OF DUCT THROUGH ROOF SHALL NOT BE LARGER THEN CURB SUPPLIED WITH ROOF VENTILATOR.

KEYED NOTES:
1. COORDINATE DUCT INSULATION AND CONSTRUCTION WITH DUCT USAGE SCHEDULE.
2. REFER TO PLAN FOR DUCT SIZES AND ROUTING. TRANSITION DUCT TO FULL SIZE OF DAMPER SUPPLIED WITH ROOF VENTILATOR.
3. EXHAUST AIR OUTLET TO BE A MINIMUM OF 18" ABOVE ROOF.
4. RIGID CONDUIT TO ACCOMODATE ELECTRICAL WIRES.

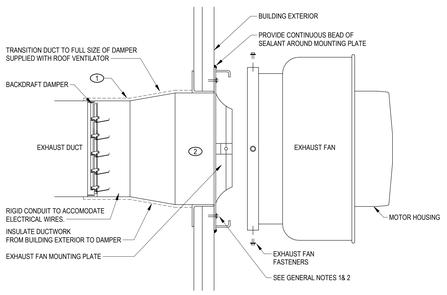
8 EXHAUST FAN - DOWNBLAST
N.T.S.



4 LOUVER - NO DUCTWORK
N.T.S.



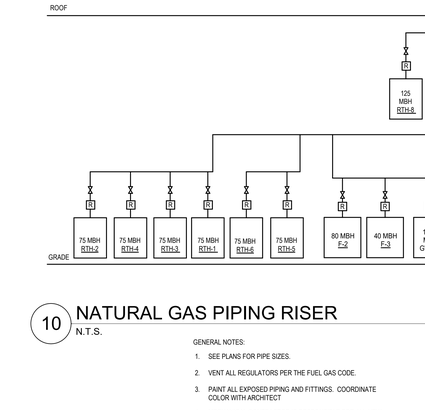
3 LOUVER AND DAMPER - NO DUCTWORK
N.T.S.



GENERAL NOTES:
1. SECURE MOUNTING PLATE TO BUILDING EXTERIOR WITH FASTENERS. SEE MANUFACTURERS INSTALLATION INSTRUCTIONS FOR RECOMMENDED ANCHOR/FASTENER TYPE.
2. SECURE MOUNTING BRACKET TO BUILDING EXTERIOR WITH RUST RESISTANT BOLTS.

KEYED NOTES:
1. COORDINATE DUCT INSULATION AND CONSTRUCTION WITH DUCT USAGE SCHEDULE.
2. REFER TO PLAN FOR DUCT SIZES AND ROUTING.

12 EXHAUST FAN - SIDEWALL UPBLAST
N.T.S.



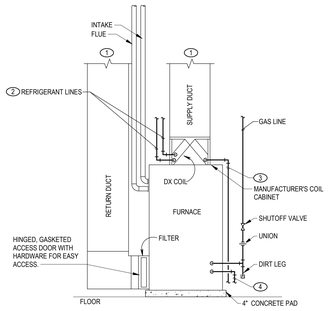
10 NATURAL GAS PIPING RISER
N.T.S.

GENERAL NOTES:

1. SEE PLANS FOR PIPE SIZES.
2. VENT ALL REGULATORS PER THE FUEL GAS CODE.
3. PAINT ALL EXPOSED PIPING AND FITTINGS. COORDINATE COLOR WITH ARCHITECT
4. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ALL NEW SERVICE AND METER FEES ASSOCIATED WITH INSTALLING NEW AND/OR RELOCATING GAS METER(S).
5. COORDINATE LOCATION OF SOLENOID VALVES WITH ARCHITECT.
6. METER SET DIMENSIONS LISTED ARE APPROXIMATE. M.C. TO COORDINATE FINAL METER SET DIMENSIONS BASED ON PROJECT SPECIFIC METER SET DESIGN WITH UTILITY COMPANY.

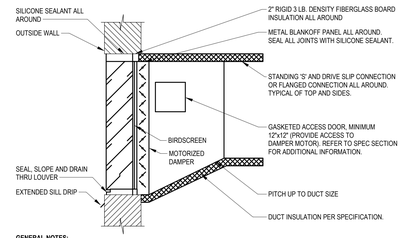
KEYED NOTES:

1. M.C. TO PROVIDE UNI-STRUT RACK AND MOUNTING HARDWARE PER UTILITY COMPANY REQUIREMENTS.
2. M.C. TO PROVIDE BOLLARD POSTS PER UTILITY COMPANY REQUIREMENTS. REFER TO NATURAL GAS METER SET BOLLARD DETAIL FOR ADDITIONAL REQUIREMENTS.
3. UNDER GROUND GAS UTILITY MAIN BY OTHERS.



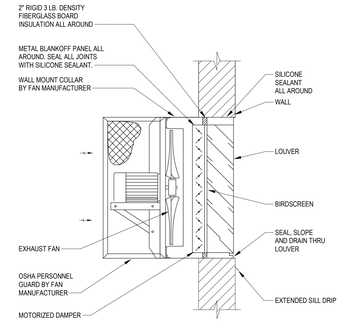
KEYED NOTES:
1. SEE DRAWINGS FOR DUCT ROUTING AND PIPE SIZING.
2. COORDINATE SIZE AND ROUTING OF REFRIGERANT LINES WITH MANUFACTURER.
3. CONDENSATE DRAIN. ROUTE FULL SIZE TO FLOOR DRAIN. PROVIDE TRAP.
4. COMBUSTION CHAMBER DRAIN. PROVIDE NEUTRALIZATION BASIN/ TUBE. ROUTE SEPARATE FROM COIL DRAIN. ROUTE FULL SIZE TO FLOOR DRAIN. PROVIDE TRAP.

7 GAS FURNACE DETAIL - SIDE RETURN
N.T.S.

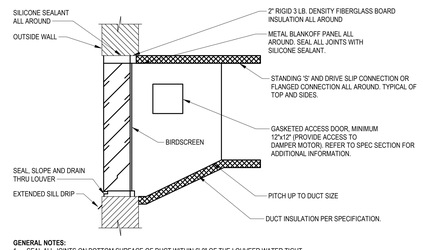


GENERAL NOTES:
1. SEAL ALL JOINTS ON BOTTOM SURFACE OF DUCT WITHIN 6'-0" OF THE LOUVEER WATER TIGHT.
2. MOUNT BOTTOM OF INTAKE LOUVERS AT LEAST 40" ABOVE GRADE OR ROOF ELEVATION TO MINIMIZE CHANCES OF SNOW DRIFTING INTO THE LOUVER.
3. CAULK SHEETMETAL SCREWS WHERE THEY PENETRATE METAL

6 LOUVER AND DAMPER - DUCTED
N.T.S.

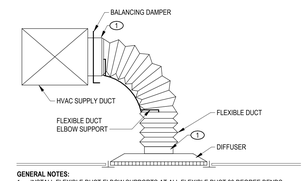


2 FAN - WALL - PROP
N.T.S.



GENERAL NOTES:
1. SEAL ALL JOINTS ON BOTTOM SURFACE OF DUCT WITHIN 6'-0" OF THE LOUVEER WATER TIGHT.
2. MOUNT BOTTOM OF INTAKE LOUVERS AT LEAST 40" ABOVE GRADE OR ROOF ELEVATION TO MINIMIZE CHANCES OF SNOW DRIFTING INTO THE LOUVER.
3. CAULK SHEETMETAL SCREWS WHERE THEY PENETRATE METAL

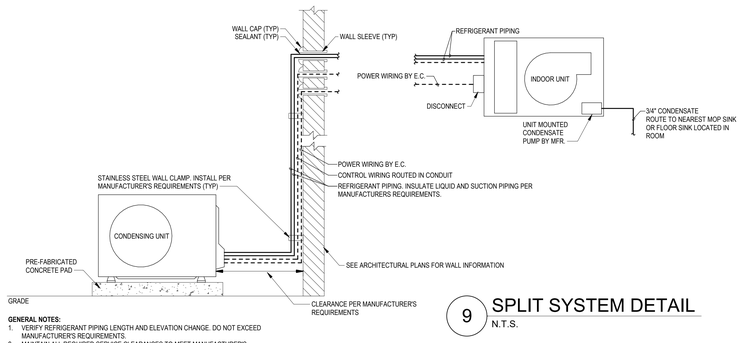
5 LOUVER - DUCTED
N.T.S.



GENERAL NOTES:
1. INSTALL FLEXIBLE DUCT ELBOW SUPPORTS AT ALL FLEXIBLE DUCT 90 DEGREE BENDS.
2. 3'-0" MAX FLEXIBLE DUCT LENGTH ALLOWED.

KEYED NOTES:
1. ATTACH FLEXIBLE DUCT TO RIGIDED METAL DUCT, TAPE INNER LINER TO RIGID METAL DUCT, THEN ATTACH WITH TWO NYLON TIE WRAPS; ONE FOR THE INNER LINER AND ONE FOR THE OUTER SHELL. FOLD THE OUTER SHELL INSIDE ITSELF SO THAT IT HAS NEAT EDGES PRIOR TO TIE WRAPPING.

1 FLEX DUCT INSTALL
N.T.S.



GENERAL NOTES:
1. VERIFY REFRIGERANT PIPING LENGTH AND ELEVATION CHANGE. DO NOT EXCEED MANUFACTURER'S REQUIREMENTS.
2. MAINTAIN ALL REQUIRED SERVICE CLEARANCES TO MEET MANUFACTURER'S REQUIREMENTS.

9 SPLIT SYSTEM DETAIL
N.T.S.

KED bluestone
5516 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER: 13x182
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

MECHANICAL DETAILS **MM500**

CEILING FAN SCHEDULE

MARK	MANUFACTURER	MODEL	SERVICE	DIAMETER (FT)	# OF AIRFOILS	MAX FAN RPM	DRIVE	ELECTRICAL					NOTES
								HP	VOLT	PH	DISCONNECT		
											BY	TYPE	
CF-1	MACROAIR	AVDX	BUS BAY	16	6	40	DIRECT	1	208	1	M.C.	NON-FUSED	1, 2, 3
CF-2	MACROAIR	AVDX	BUS BAY	16	6	40	DIRECT	1	208	1	M.C.	NON-FUSED	1, 2, 3
CF-3	MACROAIR	AVDX	BUS BAY	16	6	40	DIRECT	1	208	1	M.C.	NON-FUSED	1, 2, 3
CF-4	MACROAIR	AVDX	SV BAY	16	6	40	DIRECT	1	208	1	M.C.	NON-FUSED	1, 2, 3
CF-5	MACROAIR	AVDX	SV BAY	16	6	40	DIRECT	1	208	1	M.C.	NON-FUSED	1, 2, 3
CF-6	MACROAIR	AVDX	SHOP AREA	10	6	60	DIRECT	1	208	1	M.C.	NON-FUSED	1, 2, 3
CF-7	MACROAIR	AVDX	SHOP AREA	10	6	60	DIRECT	1	208	1	M.C.	NON-FUSED	1, 2, 3
CF-8	MACROAIR	AVDX	SHOP AREA	10	6	60	DIRECT	1	208	1	M.C.	NON-FUSED	1, 2, 3
CF-9	MACROAIR	AVDX	SHOP AREA	10	6	60	DIRECT	1	208	1	M.C.	NON-FUSED	1, 2, 3
CF-10	MACROAIR	AVDX	SHOP AREA	10	6	60	DIRECT	1	208	1	M.C.	NON-FUSED	1, 2, 3
CF-11	MACROAIR	AVDX	SHOP AREA	10	6	60	DIRECT	1	208	1	M.C.	NON-FUSED	1, 2, 3

NOTES:

1. PROVIDE FAN WITH SPEED CONTROLLER. INSTALL CONTROLLER NEXT TO FAN DISCONNECTS.
2. COORDINATE MOUNTING HEIGHT WITH OTHER HANGING ITEMS AND MAINTAIN MANUFACTUER'S REQUIRED CLEARANCES.
3. COORDINATE COLOR WITH ARCHITECT.

DEHUMIDIFIER SCHEDULE

MARK	MANUFACTURER	MODEL	SERVICE	TYPE	AIRFLOW (CFM)	CAPACITY			ELECTRICAL (NOTE 1)			NOTES
						PRE COOL COIL			VOLT	PH	FLA	
						EAT (°F/GR)	% RH	LBS / HR OF DEHUMID				
DEH-1	HI-E DRY	195	SHOP AREA	SELF CONTAINED	540	80	60	7.9	120	1	12	2, 3

NOTES:

1. PROVIDE WITH A 10' POWER CORD (MINIMUM).
2. UNIT TO BE PORTABLE WITH WHEELS ON THE BOTTOM OF THE UNIT.
3. PROVIDE WITH EXTERNAL, PLENUM RATED CONDENSATE PUMP EQUAL TO LITTLE GIANT.

SPLIT SYSTEM AIR CONDITIONER SCHEDULE - INDOOR & OUTDOOR UNITS

MARK	MANUFACTURER	MODEL	SERVICE	NOMINAL CAPACITY (TONS)	SEER2	INDOOR UNIT					DIMENSIONS (IN.)			ELECTRICAL (NOTE 1)					NOTES
						AIRFLOW (CFM)	REFRIGERANT	MAXIMUM LINESET LENGTH (FT.) (NOTE 3)	EAT		TOTAL MBH	FILTERS	LENGTH (INDOOR/OUTDOOR)	DEPTH (INDOOR/OUTDOOR)	HEIGHT (INDOOR/OUTDOOR)	VOLT	PH	MCA	MOCP	DISCONNECT	
									DB (°F)	WB (°F)										BY	TYPE
SSAC-1 / SSCU-1	MITSUBISHI	PKA SERIES (INDOOR) PUY SERIES (OUTDOOR)	IT	3	20.3	910	R454B	100	80	67	36.0	1" WASHABLE	46"/42"	11"/14"	15"/53"	208	1	34	35	EC	NON-FUSED	1, 2, 3, 4, 5
SSAC-2 AND 3 / SSCU-2	MITSUBISHI	MSZ SERIES (INDOOR) MKZ SERIES (OUTDOOR)	OFFICES	1.5 (2 AT 0.75)	20	425	R454B	100	80	67	18	1" WASHABLE	32"/33"	10"/13"	12"/28"	208	1	22	20	EC	NON-FUSED	1, 2, 3, 4, 5, 6

NOTES:

1. PROVIDE WITH A SINGLE POINT POWER CONNECTION TO THE CONDENSING UNIT. INDOOR UNIT TO BE POWERED FROM THE OUTDOOR UNIT. WIRING BY E.C.
2. PROVIDE WITH WALL MOUNTED THERMOSTAT AND CONTROLS.
3. COORDINATE INDOOR AND OUTDOOR UNIT LOCATIONS WITH FINAL PIPING ROUTING. INSTALL PER MANFUACTURERS REQUIREMENTS.
4. PROVIDE WITH FACTORY INSTALLED REFRIGERANT LEAK DETECTION SYSTEM.
5. PROVIDE WITH PLENUM RATED UNIT MOUNTED CONDENSATE PUMP EQUAL TO LITTLE GIANT.
6. TWO INDOOR UNITS PAIRED WITH ONE OUTDOOR UNIT.

FURNACE & CONDENSING UNIT SCHEDULE

MARK	MANUFACTURER	FURNACE MODEL	COND. UNIT MODEL	EVAP. COIL MODEL	MINIMUM OUTSIDE AIR (CFM)	FAN/BLOWER				HEATING		FILTERS (NOTE 2)		ELECTRICAL				CONDENSING UNIT									NOTES
						AIRFLOW (CFM) (HIGH SPEED)	EXT. S.P. (IN. W.C.)	HP	AIR FLOW TYPE	MIN. INPUT (BTUH)	MIN. OUTPUT (BTUH)	THICKNESS/TYPE	MERV	VOLT	PH	DISCONNECT BY	CONTROLLER BY	AMBIENT AIR TEMP. (°F)	REFRIGERANT (NOTE 4)	MBH	SEER	VOLT	PH	MCA	MOCP	DISCONNECT		CONTROLLER BY	
																										BY	TYPE		
F-1 / CU-1	TRANE	S9V2B0403VSAB	5TTV0X24A1000B	4XT SERIES	160	800	0.9	3/4	UPFLOW	40,000	39,000	2"	8	120	1	EC	MFR	95	R-454B	24	18.2	208	1	19.0	30.0	EC	NON-FUSED	MFR	1, 3
F-2 / CU-2	TRANE	S9V2B0804VSAB	5TTV0X36A1000A	4XT SERIES	240	1,200	0.9	3/4	UPFLOW	80,000	78,000	2"	8	120	1	EC	MFR	95	R-454B	36	18.4	208	1	26.0	40.0	EC	NON-FUSED	MFR	1, 3
F-3 / CU-3	TRANE	S9V2B0403VSAB	5TTV0X24A1000B	4XT SERIES	180	800	0.9	3/4	UPFLOW	40,000	39,000	2"	8	120	1	EC	MFR	95	R-454B	24	18.2	208	1	19.0	30.0	EC	NON-FUSED	MFR	1, 3

NOTES:

1. PROVIDE GAS FURNACE WITH A CONCENTRIC VENT KIT. INSTALL VENT PIPING PER THE MANUFACTURER RECOMMENDATIONS.
2. CONTRACTOR TO PROVIDE FURNACE WITH FILTER RACK. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
3. PROVIDE SEA COAST COATING TO UNITS. VERIFY COATING REQUIREMENTS WITH MANUFACTURER.

CABINET UNIT HEATER SCHEDULE - ELECTRIC

MARK	MANUFACTURER	MODEL	SERVICE	CONFIGURATION			NOMINAL AIRFLOW (CFM)	ELECTRIC HEATING COIL		CONTROLS TYPE	CABINET DIMENSIONS			ELECTRICAL					NOTES
				CABINET	MOUNTING	DISCHARGE		NUMBER OF STAGES	KW		HEIGHT (IN.)	WIDTH (IN.)	DEPTH (IN.)	HP	VOLT	PH	DISCONNECT		
																	BY	TYPE	
CUH-1	INDEECO	CDIR	VESTIBULE	HORIZONTAL	RECESSED	BOTTOM	300	1	3.0	2	23-3/4"	23-3/4"	7"	FHP	208	1	MFR	NON-FUSED	1

NOTES:

1. VERIFY FINAL COLOR SELECTION WITH ARCHITECT.

CONFIGURATION NOTES:

CABINET: HORIZONTAL OR VERTICAL

MOUNTING: CONCEALED / RECESSED / SEMI-RECESSED / SURFACE

DISCHARGE: BOTTOM / TOP / DUCTED / FRONT

CONTROL TYPES:

1. UNIT MOUNTED THERMOSTAT
2. WALL MOUNTED THERMOSTAT - STAND ALONE
3. WALL MOUNTED THERMOSTAT - DDC

NOTES:

1. REFER TO EACH PIPING SPECIFICATION FOR SPECIFIC PIPING REQUIREMENTS.
2. GAS PIPING IS PROHIBITED FROM BEING INSTALLED IN SOLID PARTITIONS OR WALLS UNLESS IN A CHASE OR CASING (PIPE SLEEVE).
3. SEE SPECIFICATION SECTION 230719 FOR COMPLETE INSULATION AND JACKETING REQUIREMENTS. ALL INSULATION SHALL BE PLENUM RATED MEETING ASTM E84 WHERE INSTALLED IN A RETURN AIR PLENUM.
4. INSTALL RIGID CALCIUM SILICATE INSERTS AT ALL PIPING HANGERS.

PIPING APPLICATION SCHEDULE

SYSTEM (NOTE 1)	LOCATION	DESIGN WORKING PRESSURE (PSI)	MATERIAL	JOINTS	USAGE SIZE RANGE	INSULATION APPLICATION		NOTES
						THICKNESS (IN.)	TYPE (NOTES 3, 4)	
NATURAL GAS	ABOVE GRADE 5 PSI PRESSURE OR LESS	125	SCH 40 BLACK STEEL	THREADED OR WELDED	ALL	-	-	2
	ABOVE GRADE GREATER THAN 5 PSI PRESSURE	125	SCH 40 BLACK STEEL	WELDED	ALL	-	-	2
REFRIGERANT	GENERAL	500	ACR COPPER	FLARED END WITH SOLDER	LESS THAN 1-1/2"	1"	ELASTOMERIC FOAM	-
					1-1/2" & GREATER	1-1/2"		

ZONE SENSOR SCHEDULE

ZONE TYPE	THERMOSTAT CONFIGURATION (NOTES 1,2)				UNOCCUPIED MODE WITH SETBACK (YES OR NO)	HEATING SETPOINT (°F)	HEATING SETBACK (°F)	COOLING SETPOINT (°F)	COOLING SETBACK (°F)	NOTES
	SENSOR ONLY	LOCAL OVERRIDE	ADJUSTMENT	ADJUSTMENT AMOUNT (°F)						
ENCLOSED OFFICES	NO	YES	YES	± 3	YES	70	55	72	85	-
BREAKROOMS	NO	YES	YES	± 3	YES	70	55	72	85	-

NOTES:

1. VERIFY LOCATION OF ALL THERMOSTATS WITH THE OWNER, ARCHITECT AND ENGINEER PRIOR TO ROUGH-IN.
2. ALL TEMPERATURE SENSORS & THERMOSTATS THAT HAVE USER ADJUSTMENT SHALL BE INSTALLED AT 42" A.F.F. TO THE CENTERLINE OF THE DEVICE.

FAN SCHEDULE

MARK	MANUFACTURER	MODEL	SERVICE	TYPE	AIRFLOW (CFM)	S.P. (IN. W.C.)	MAX FAN RPM	DRIVE	WHEEL DIA. (INCHES)	MAX. AMCA SONES	ROOF CURB			FAN CONSTRUCTION		ELECTRICAL (FAN)					DAMPER			CONTROL TYPE	NOTES
											TYPE	HEIGHT (IN.) NOTE 2)	PROVIDED BY	HOUSING (STEEL OR ALUM)	WHEEL (STEEL OR ALUM)	BHP	MHP	VOLT	PH	DISCONNECT	STARTER BY	TYPE (MOTORIZED OR GRAVITY)	VOLT	PH		
																					BY	TYPE					
EF-1	GREENHECK	G-130-VG	LOCKER/RESTROOMS JANITOR 106	MUSHROOM EXHAUST	1105	0.5	1090	DIRECT	13	8.1	STANDARD	12"	MFR.	ALUM	ALUM	0.15	1/4	115	1	MFR	FUSED	MFR	MOTORIZED	120	1	TYPE 1	1
EF-2	GREENHECK	BAER-42-02-0610	BUS BAYS	PROP EXHAUST FAN	7215	0.5	1040	BELT	31	25	-	-	-	STEEL	ALUM	1.47	1-1/2	208	1	MFR	FUSED	MFR	MOTORIZED	120	1	TYPE 2	1,2,3
EF-3	GREENHECK	CUE-090-VG	BUS BAYS	SIDEWALL UPBLAST EXHAUST FAN	485	0.5	1535	DIRECT	11	7.3	-	-	-	ALUM	COMPOSITE	0.08	1/6	208	1	MFR	FUSED	MFR	MOTORIZED	120	1	TYPE 1	2
EF-4	GREENHECK	AER-24-02-0320-VG	SV BAYS	PROP EXHAUST FAN	5055	0.5	990	BELT	31	24	-	-	-	STEEL	ALUM	1	1	208	1	MFR	FUSED	MFR	MOTORIZED	120	1	TYPE 2	1,2,3
EF-5	GREENHECK	CUE-090-VG	SV BAYS	SIDEWALL UPBLAST EXHAUST FAN	340	0.5	1410	DIRECT	11	6.5	-	-	-	ALUM	COMPOSITE	0.06	1/6	208	1	MFR	FUSED	MFR	MOTORIZED	120	1	TYPE 1	2
EF-6	GREENHECK	CUE-160-VG	SHOP AREA	SIDEWALL UPBLAST EXHAUST FAN	1,965	0.5	930	DIRECT	17	10.3	-	-	-	ALUM	COMPOSITE	0.31	1/2	208	1	MFR	FUSED	MFR	MOTORIZED	120	1	TYPE 1	2
EF-7	GREENHECK	CUE-099-B	FLUID STORAGE	SIDEWALL UPBLAST EXHAUST FAN	540	0.4	1140	DIRECT	11	5.9	-	-	-	ALUM	COMPOSITE	0.07	1/6	115	1	MFR	FUSED	MFR	MOTORIZED	120	1	TYPE 1	2, 4
EF-8	GREENHECK	CUE-099-B	BATTERY STORAGE	SIDEWALL UPBLAST EXHAUST FAN	540	0.4	1140	DIRECT	11	5.9	-	-	-	ALUM	COMPOSITE	0.07	1/6	115	1	MFR	FUSED	MFR	MOTORIZED	120	1	TYPE 1	2, 4
EF-9	GREENHECK	CUE-090-VG	CLEAN ROOM	SIDEWALL UPBLAST EXHAUST FAN	265	0.5	1360	DIRECT	11	6.2	-	-	-	ALUM	COMPOSITE	0.05	1/6	208	1	MFR	FUSED	MFR	MOTORIZED	120	1	TYPE 1	2

NOTES:

1. MOTORIZED BACKDRAFT DAMPER WIRED TO OPEN WHEN FAN OPERATES. FAN TO HAVE A SINGLE POINT POWER CONNECTION FOR FAN AND DAMPER FOR ON / OFF FANS.
2. REFER TO VIBRATIONS ISOLATION SCHEDULE FOR REQUIREMENTS (BASES, ISOLATORS, FLEX CONNECTIONS).
3. PROVIDE WITH WEATHER HOOD AND WALL HOUSING. INTERLOCK WITH GAS DETECTION SYSTEM
4. FAN TO BE AMCA 99 SPARK B RESISTANT

CONTROL TYPE:

TYPE 1. ALWAYS ON

TYPE 2. GAS DETECTION SYSTEM WITH WALL SWITCH

LINEAR DIFFUSER SCHEDULE

MARK	MANUFACTURER	MODEL	STYLE (NOTE 1, 2)	CONFIGURATION (NOTE 3)				PLENUM				FIXED BLADE DEFLECTION ANGLE	PATTERN CONTROL		INTEGRAL BALANCING DAMPER	MATERIAL	COLOR	NOTES
				NUMBER OF SLOTS	SLOT WIDTH (IN.)	TOTAL MAX. WIDTH (IN.)	NOMINAL LENGTH (IN.)	REQUIRED	INSULATION		INLET SIZE (IN.)		REQUIRED	TYPE (NOTE 4)				
									TYPE	THICKNESS (IN.)								
LD-1	TITUS	ML / MLT	CEILING LINEAR SLOT	1	1	4	48	YES	LINER	1/2	SEE PLANS	N/A	YES	1	NO	ALUMINUM WITH STEEL BLADES	WHITE	-

NOTES:

1. CONTRACTOR SHALL DETERMINE PROPER MARGIN STYLE AND END FABRICATION TO MATCH CEILING CONSTRUCTION.
2. PROVIDE WITH CONCEALED FASTENERS.
3. AT DESIGN AIRFLOW AS NOTED ON THE PLANS THE DIFFUSER NOISE SHALL NOT EXCEED AN NC OF 30.
4. PATTERN CONTROL SHALL BE AS FOLLOWS:

TYPE 1 1 - SLOT: DIRECT AT EXTERIOR WALL

TYPE 2A 2 - SLOT: DIRECT ONE SLOT AT EXTERIOR WALL AND ONE TOWARDS INTERIOR

TYPE 2B 2 - SLOT: DIRECT BOTH SLOTS AT EXTERIOR WALL

TYPE 3A 3 - SLOT: DIRECT TWO SLOTS AT EXTERIOR WALL AND ONE TOWARDS INTERIOR

TYPE 3B 3 - SLOT: DIRECT THREE SLOTS AT EXTERIOR WALL

TEMPERATURE CONTROLS RESPONSIBILITY MATRIX

ITEM	PROVIDED BY	INSTALLED BY	NOTES
EQUIPMENT THERMOSTAT	MFR OR MC	MC	1, 2
EXHAUST FAN TIME CLOCK	EC	EC	1
GAS DETECTION SYSTEM	MC	MC	1
SPLIT SYSTEM CONTROLS WIRING AND THERMOSTAT	MFR	MC	1

NOTES:

1. ALL EQUIPMENT TO HAVE STAND ALONE CONTROLS. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONTROLS WIRING AND CONDUIT.
2. ALL THERMOSTATS TO BE 7-DAY PROGRAMMABLE WITH NIGHT SETBACK CAPABILITY.

LOUVER SCHEDULE

MARK	MANUFACTURER	MODEL	SERVICE	AIRFLOW (CFM)	SIZE (INCHES)			FREE AREA (FT* 2)	FREE AREA VEL. (FPM)	MAX S.P. (IN. W.C.)	FINISH (NOTE 1)	NOTES
					W	x	H					
OAL-1	GREENHECK	EHH-601	BUS BAY	7,700	66	x	56	12.00	639	0.1	BAKED ENAMEL	1, 2
OAL-2	GREENHECK	EHH-601	SV BAY	5,395	48	x	56	8.50	634	0.1	BAKED ENAMEL	1, 2
OAL-3	GREENHECK	EVH-501	SHOP	3,050	36	x	36	4.50	715	0.1	BAKED ENAMEL	1, 2
OAL-4	GREENHECK	EHH-601	FURNACES	580	20	x	20	1.00	595	0.1	BAKED ENAMEL	1, 2

NOTES:

1. COLOR SELECTION BY ARCHITECT.
2. PROVIDE WITH LOW VOLTAGE MOTORIZED DAMPER. INTERLOCK WITH EXHAUST FAN AND GAS DETECTION SYSTEM.

GRILLES, REGISTERS, & DIFFUSERS SCHEDULE

MARK	MANUFACTURER	MODEL	STYLE	BORDER (NOTE 1)	INLET SIZE (INCH) (NOTE 2)	FACE SIZE (INCH)	DAMPER NEEDED	MATERIAL	COLOR	NOTES
CD-1	TITUS	OMNI	PANEL FACE	LAY-IN	SEE DWG.	24x24	NO	STEEL	WHITE	
RG-1	TITUS	OMNI	PANEL FACE	LAY-IN	15" DIA.	24x24	NO	STEEL	WHITE	
RG-2	TITUS	350RL	35° DEFLECTION	SURFACE	SEE DWG.	INLET + 1 3/4"	NO	STEEL	WHITE	
SG-1	TITUS	300RL	DOUBLE DEFLECTION	SURFACE	SEE DWG.	INLET + 1 3/4"	NO	STEEL	WHITE	
EG-1	TITUS	OMNI-AA	PANEL FACE	LAY-IN	SEE DWG.	24x24	NO	ALUMINUM	WHITE	
EG-2	TITUS	350FL	35° DEFLECTION	SURFACE	SEE DWG.	INLET + 1 3/4"	NO	ALUMINUM	WHITE	
SR-1	TITUS	S300RL	DOUBLE DEFLECTION	SURFACE	SEE DWG.	INLET + 1 3/4"	YES	STEEL	WHITE	

NOTES:

1. CONTRACTOR SHALL DETERMINE PROPER MARGIN STYLE TO MATCH CEILING TYPE.
2. BRANCH DUCT TO DIFFUSERS SHALL BE AT THE SAME SIZE AS THE DIFFUSER NECK, UNLESS SHOWN OTHERWISE.

NOTES:

1. DUCT DIMENSIONS SHOWN ON PLAN ARE CLEAR INSIDE DIMENSIONS AND DO NOT INCLUDE INSULATION.
2. R-VALUE LISTED IN SCHEDULE IS THE MINIMUM ALLOWABLE INSTALLED R-VALUE.
3. INSULATION THICKNESS LISTED IS THE MINIMUM ALLOWABLE INSULATION THICKNESS. CONTRACTOR TO VERIFY REQUIRED INSULATION THICKNESS BASED ON INSULATION DENSITY USED.
4. DUCT SEAL CLASS TO BE BASED ON PRESSURE CLASS AS NOTED BELOW:

CLASS A: -10"W.C. THRU -4" W.C.

CLASS B: -3" W.C.

CLASS C: -2" W.C. THRU +2"W.C.

CLASS B: +3" W.C.

CLASS A: +4"W.C. THRU +10" W.C.

5. ACTUAL DUCT CONSTRUCTION SHALL EXCEED THE ACTUAL PRESSURE RATING LISTED AND FALL INTO ONE OF THE STANDARD DUCT PRESSURE CLASS RATINGS AS FOLLOWS:

0.5", 1", 2", 3", 4", 6", 10" (POSITIVE OR NEGATIVE)

6 DUCTS PASSING THROUGH RATED WALLS WILL BE WRAPPED FROM THE HOOD TO THE EXHAUST FAN WITH A 1 OR 2 HOUR WRAP TO MATCH THE WALL / SHAFT RATING.

INSULATION TYPES:

TYPE A: FLEXIBLE FIBERGLASS - OUTSIDE WRAP

TYPE B: SEMI-RIGID FIBERGLASS BOARD (EXTERIOR OF DUCT)

TYPE C: FLEXIBLE FIBERGLASS LINER

TYPE D: PREFORMED RIGID FIBERGLASS ACOUSTICAL LINER

TYPE E: FLEXIBLE MINERAL FIBER DUCT WRAP

TYPE F: FLEXIBLE FIBERGLASS SPIRAL DUCT LINER

DUCTWORK APPLICATION SCHEDULE

AIR HANDLING SYSTEM	EQUIPMENT SERVICE	AIRSTREAM	DUCTWORK LOCATION (ALL DUCT CONCEALED UNLESS NOTED OTHERWISE)	SYSTEM TYPE (CONSTANT VOLUME OR VAV OR BOTH)	ACTUAL PRESSURE RATING (IN W.C.) (NOTES 4 & 5)		DUCTWORK MATERIAL	SINGLE OR DOUBLE WALL	DUCT SHAPE	INSULATION APPLICATION (NOTE 1)				NOTES
					SEAL CLASS	F-1, 2, 3			ROUND / RECT / FLAT OVAL	MINIMUM R-VALUE (NOTE 2)	THICKNESS (IN.) (NOTE 3)	TYPE	LINER, WRAP, OR BOARD	
FURNACES		OUTSIDE AIR	OUTSIDE AIR LOUVER TO AHU HEATING COIL	BOTH	C	2	GALVANIZED SHEET METAL	SINGLE	RECT	R-6	1-1/2"	B	BOARD	
		SUPPLY AIR	FIRST 15' DOWNSTREAM OF AHU / RTU CONNECTION	BOTH	C	2	GALVANIZED SHEET METAL	DOUBLE WALL WITH PERFORATED INNER LINER	RECT	R-6	1-1/2"	C OR D	LINER	
		SUPPLY AIR	FAN TO AIR OUTLET	CONSTANT VOLUME	C	2	GALVANIZED SHEET METAL	SINGLE	RECT / ROUND / FLAT OVAL	R-6	2.2"	A	WRAP	
					C	2				R-6	1-1/2"	C OR D	LINER	
		RETURN AIR	AIR INLET TO AHU / RTU	BOTH	C	2	GALVANIZED SHEET METAL	SINGLE	RECT / ROUND / FLAT OVAL	R-6	2.2"	A	WRAP	
					C	2				R-6	1-1/2"	C OR D	LINER	
		RETURN AIR	FIRST 15' UPSTREAM OF AHU / RTU CONNECTION	BOTH	C	2	GALVANIZED SHEET METAL	DOUBLE WALL WITH PERFORATED INNER LINER	RECT	R-6	2"	E	LINER	
GENERAL EXHAUST		EXHAUST AIR	INLET TO EXHAUST FAN	CONSTANT VOLUME	A	N / A	GALVANIZED SHEET METAL	SINGLE	RECT / ROUND / FLAT OVAL	-	NONE	-	-	
			FIRST 10' UPSTREAM OF EXHAUST FAN	CONSTANT VOLUME	A		GALVANIZED SHEET METAL	SINGLE	RECT / ROUND / FLAT OVAL	R-4	1"	C OR D	LINER	
LOUVERS		OUTSIDE AIR	LOUVER TO INSULATED DAMPER	BOTH	-	N / A	GALVANIZED SHEET METAL	SINGLE	RECT	R-6	1-1/2"	B	BOARD	
GAS-FIRED APPLIANCE INTAKES AND FLUES		OUTSIDE AIR	INSIDE THE BUILDING: INLET TO COMBUSTION AIR	CONSTANT VOLUME	-	N / A	SCH 40 CPVC	-	ROUND	R-6	2.2"	A	WRAP	
		EXHAUST / FLUE	INSIDE THE BUILDING: COMBUSTION AIR TO OUTLET	CONSTANT VOLUME	-	N / A	SCH 40 CPVC	-	ROUND	R-4	1-1/2"	A	WRAP	
DUCTWORK ACCESSORIES	GENERAL	GENERAL	-	BOTH	-	N / A	-	-	-	R-6	2.2"	A	WRAP	

RADIANT TUBE HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	SERVICE	HEATING - GAS		ELEMENT LENGTH (FT.)	MOUNTING ANGLE	ELECTRICAL					NOTES
				PRESSURE (IN. W.C.)	INPUT (MBH)			AMPS	VOLT	PH	DISCONNECT	CONTROLLER BY	
											BY	TYPE	
RTH-1	DETROIT RADIANT	HL3-30-75-N	BUS BAY	7-14"	75	31' 5"	0°	4.8	120	1	EC	NON-FUSED	MFR	1, 2
RTH-2	DETROIT RADIANT	HL3-30-75-N	BUS BAY	7-14"	75	31' 5"	0°	4.8	120	1	EC	NON-FUSED	MFR	1, 2
RTH-3	DETROIT RADIANT	HL3-30-75-N	BUS BAY	7-14"	75	31' 5"	0°	4.8	120	1	EC	NON-FUSED	MFR	1, 2
RTH-4	DETROIT RADIANT	HL3-30-75-N	BUS BAY	7-14"	75	31' 5"	0°	4.8	120	1	EC	NON-FUSED	MFR	1, 2
RTH-5	DETROIT RADIANT	HL3-30-75-N	BUS BAY	7-14"	75	31' 5"	0°	4.8	120	1	EC	NON-FUSED	MFR	1, 2
RTH-6	DETROIT RADIANT	HL3-30-75-N	BUS BAY	7-14"	75	31' 5"	0°	4.8	120	1	EC	NON-FUSED	MFR	1, 2
RTH-7	DETROIT RADIANT	HL3-60-125-N	SV BAY	7-14"	125	50' 9"	0°	4.8	120	1	EC	NON-FUSED	MFR	1, 2
RTH-8	DETROIT RADIANT	HL3-60-125-N	SV BAY	7-14"	125	50' 9"	0°	4.8	120	1	EC	NON-FUSED	MFR	1, 2

NOTES:

1. INSTALL PER MANUFACTURER'S REQUIREMENTS MAINTAINING CLEARANCES TO COMBUSTIBLES.
2. PROVIDE WALL CAP FOR INTAKE AND EXHAUST. PROVIDE WITH BIRDSCREENS.

KED bluestone
5518 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER: 125.076
COPYRIGHT: ALL APPLICABLE PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ELECTRICAL ABBREVIATIONS

1P	1 POLE (2P, 3P, 4P, ETC.)	LTNG	LIGHTNING
A	6" ABOVE COUNTER OR BACKSPLASH	LV	LOW VOLTAGE
	TO CENTERLINE OF DEVICE	M	INSTALL DEVICE IN MILLWORK
A, AMP	AMPERE	MAX	MAXIMUM
AC	ABOVE COUNTER, AIR CONDITIONING UNIT	MAG.S	MAGNETIC STARTER
ACLG	ABOVE CEILING	M/C	MOMENTARY CONTACT
AF	AMP FRAME	MC	MECHANICAL CONTRACTOR
AFF	ABOVE FINISHED FLOOR	MCB	MAIN CIRCUIT BREAKER
AFG	ABOVE FINISHED GRADE	MCC	MOTOR CONTROL CENTER
AFCI	ARC FAULT CIRCUIT	MDC	MAIN DISTRIBUTION CENTER
	INTERRUPTER	MDP	MAIN DISTRIBUTION PANEL
AHU	AIR HANDLING UNIT	MFR	MANUFACTURER
AL	ALUMINUM	MFS	MAIN FUSED DISCONNECT SWITCH
ALT	ALTERNATE	MH	MANHOLE
AMP	AMPERE	MIC	MICROPHONE
AMPL	AMPLIFIER	MIN	MINIMUM
ANNUN	ANNUNCIATOR	MISC	MISCELLANEOUS
APPROX	APPROXIMATELY	MLO	MAIN LUGS ONLY
AQ-STAT	AQUASTAT	MMS	MANUAL MOTOR STARTER
ARCH	ARCHITECT, ARCHITECTURAL	MOA	MULTIOUTLET ASSEMBLY
AS	AMP SWITCH	MSP	MOTOR STARTER PANELBOARD
AT	AMP TRIP	MSBD	MAIN SWITCHBOARD
ATC	AUTOMATIC TEMPERATURE CONTROLS	N/A	NOT APPLICABLE
	CONTRACTOR	NFDS	NON-FUSED SAFETY DISCONNECT
ATS	AUTOMATIC TRANSFER SWITCH		SWITCH
AUTO	AUTOMATIC	NIC	NOT IN CONTRACT
AUX	AUXILIARY	NL	NIGHT LIGHT
AV	AUDIO VISUAL	N.O.	NORMALLY OPEN
AWG	AMERICAN WIRE GAUGE	NPF	NORMAL POWER FACTOR
B	BLACK DEVICE COLOR WITH BLACK	NTS	NOT TO SCALE
	UNBREAKABLE THERMOPLASTIC COVER	OC	ON CENTER
	PLATE	OH	OVERHEAD
BAS	BUILDING AUTOMATION SYSTEM	OL	OVERLOADS
BATT	BATTERY	PA	PUBLIC ADDRESS
BD	BOARD	PB	PULL BOX OR PUSHBUTTON
BLDG	BUILDING	PC	PLUMBING CONTRACTOR
BMS	BUILDING MANAGEMENT SYSTEM	PE	PNEUMATIC ELECTRIC
C	CONDUIT	PED	PEDESTAL
CAB	CABINET	PF	POWER FACTOR
CAT	CATALOG	PH	PHASE
CATV	CABLE TELEVISION	PIV	POST INDICATING VALVE
CB	CIRCUIT BREAKER	PNL	PANEL
CCTV	CLOSED CIRCUIT TELEVISION	PP	POWER POLE
CKT	CIRCUIT	PR	PAIR
CLG	CEILING	PRI	PRIMARY
CM	CONSTRUCTION MANAGER	PROJ	PROJECTION
COMB	COMBINATION	PRV	POWER ROOF VENTILATOR
CMPR	COMPRESSOR	PT	POTENTIAL TRANSFORMER
CONN	CONNECTION	PVC	POLYVINYL CHLORIDE (CONDUIT)
CONST	CONSTRUCTION	PWR	POWER
CONT	CONTINUATION OR CONTINUOUS	QTY	QUANTITY
CONTR	CONTRACTOR	RAC	RIGID ALUMINUM CONDUIT
CP	CIRCULATING PUMP	RCPT	RECEPTACLE
CRT	CATHODE-RAY TUBE	REQD	REQUIRED
CT	CURRENT TRANSFORMER	RM	ROOM
CTR	CENTER	RMC	RIGID METALLIC CONDUIT
CU	COPPER	RTU	ROOF TOP UNIT
DEPT	DEPARTMENT	SC	SURFACE CONDUIT
DET	DETAIL	SEC	SECONDARY
DIA	DIAMETER	SHT	SHEET
DISC	DISCONNECT	SIM	SIMILAR
DIST	DISTRIBUTION	SLD	SINGLE-LINE DIAGRAM
DN	DOWN	S/N	SOLID NEUTRAL
DO	AUTOMATIC DOOR OPENER	SPEC	SPECIFICATION
DPR	DAMPER	SPKR	SPEAKER
DS	SAFETY DISCONNECT SWITCH	SP	SPARE
DT	DOUBLE THROW	SPP	SINGLE-POINT POWER
DWG	DRAWING	SR	SURFACE RACEWAY
EC	ELECTRICAL CONTRACTOR	SS	STAINLESS STEEL
ECB	ENCLOSED CIRCUIT BREAKER	SSW	SELECTOR SWITCH
ELEC	ELECTRIC, ELECTRICAL	S/S	STOP/START PUSHBUTTONS
ELEV	ELEVATOR	STA	STATION
ELU	EMERGENCY LIGHTING UNIT	STD	STANDARD
EM	EMERGENCY	SURF	SURFACE MOUNTED
EMS	ENERGY MANAGEMENT SYSTEM	SW	SWITCH
EMT	ELECTRICAL METALLIC TUBING	SWBD	SWITCHBOARD
EP	ELECTRIC PNEUMATIC	SYM	SYMMETRICAL
EPO	EMERGENCY POWER OFF	SYS	SYSTEM
EQUIP	EQUIPMENT	TEL	TELEPHONE
EWC	ELECTRIC WATER COOLER	TERM	TERMINAL
EXIST	EXISTING	T	TAMPER RESISTANT
EXH	EXHAUST	TL	TWIST LOCK
EXP	EXPLOSION PROOF	T-STAT	THERMOSTAT
FA	FIRE ALARM	TTC	TELEPHONE TERMINAL CABINET
FABP	FIRE ALARM BOOSTER POWER	TV	TELEVISION
	SUPPLY PANEL	TVTC	TELEVISION TERMINAL CABINET
FACP	FIRE ALARM CONTROL PANEL	TYP	TYPICAL
FCU	FAN COIL UNIT	UC	UNDER COUNTER
FIXT	FIXTURE	UE	UNDERGROUND ELECTRICAL
FLR	FLOOR	UG	UNDERGROUND
FLUOR	FLUORESCENT	UH	UNIT HEATER
FPC	FIRE PROTECTION CONTRACTOR	UT	UNDERGROUND TELEPHONE
FU	FUSE	UTIL	UTILITY
FUDS	FUSED SAFETY DISCONNECT SWITCH	UV	ULTRAVIOLET
GA	GAUGE	V	VOLT
GAL	GALLON	VA	VOLT-AMPERES
GALV	GALVANIZED	VDT	VIDEO DISPLAY TERMINAL
GC	GENERAL CONTRACTOR	VERT	VERTICAL
GEN	GENERATOR	VFD	VARIABLE FREQUENCY DRIVE
GFI	GROUND FAULT CIRCUIT INTERRUPTER	VOL	VOLUME
GFP	GROUND FAULT PROTECTOR	W	WATT
GND	GROUND	W/	WITH
GYP BD	GYPSUM BOARD	WG	WIRE GUARD
HWC-#	DOMESTIC WATER CIRCULATING PUMP	WH	WATER HEATER
HOA	HANDS-OFF-AUTOMATIC SWITCH	W/O	WITHOUT
H	INSTALL DEVICE HORIZONTALLY	WP	WEATHERPROOF
HH	HANDHOLE	XFMR	TRANSFORMER
HP	HORSEPOWER	XFR	TRANSFER
HPF	HIGH POWER FACTOR	#"	LOCATION-SPECIFIC MOUNTING
HT	HEIGHT		HEIGHT ABOVE FINISHED FLOOR
HTG	HEATING		TO CENTERLINE OF DEVICE
HTR	HEATER		
HV	HIGH VOLTAGE	∠	ANGLE
HVAC	HEATING, VENTILATING AND AIR	@	AT
	CONDITIONING	▲	DELTA
IC	INTERRUPTING CAPACITY	'	FEET
IG	ISOLATED GROUND	"	INCHES
IMC	INTERMEDIATE METAL CONDUIT	#	NUMBER
INCAND	INCANDESCENT	Ø	PHASE
IR	INFRARED	C	CENTER LINE
I/W	INTERLOCK WITH	P	PLATE
J-BOX	JUNCTION BOX		
K.E.C.	KITCHEN EQUIPMENT CONTRACTOR		
KV	KILOVOLT		
KVA	KILOVOLT-AMPERE		
KVAR	KILOVOLT-AMPERE REACTIVE		
KW	KILOWATT		
KWH	KILOWATT HOUR		
LT	LIGHT		
LTG	LIGHTING		

BREAKER FUNCTION SCHEDULE

SYMBOL	DESCRIPTION
A	ARC FAULT INTERUPTER (AFCI)
AR	ARC ENERGY REDUCTION MAINTENANCE SWITCH
E	EXISTING BREAKER TO REMAIN
EM	PROVIDE IDENTIFICATION PER NEC 700.12(I)(2)(4)
EN	EXISTING BREAKER SERVING NEW CIRCUIT
G	GROUND FAULT CIRCUIT INTERUPTER (GFCI) PROTECTION (5mA)
GE	GROUND FAULT CIRCUIT INTERUPTER FOR EQUIPMENT (30mA)
GF	ADJUSTABLE GROUND FAULT PROTECTION FOR EQUIPMENT
HL	HANDLE LOCK TO LOCK BREAKER IN CLOSED POSITION
K#	KEY INTERLOCK (# REPRESENTS GROUPED KEYING)
LSI	LONG-TIME, SHORT-TIME, INSTANTANEOUS ADJUSTMENT
LSIG	LONG-TIME, SHORT-TIME, INSTANTANEOUS ADJUSTMENT, AND GROUND FAULT ADJUSTMENT
LSIA	LONG-TIME, SHORT-TIME, INSTANTANEOUS ADJUSTMENT, AND GROUND FAULT ALARM
N	NEW BREAKER IN EXISTING PANEL
NE	NEW BREAKER SERVING EXISTING CIRCUIT
SD	DENOTE SERVICE DISCONNECT
ST	SHUNT TRIP (120V OPERATED UNLESS NOTED OTHERWISE)

EQUIPMENT/DEVICE HOME RUN KEY

1. BRANCH CIRCUIT WIRING SHALL BE #12AWG UNLESS NOTED OTHERWISE ON THE PLAN OR IN THE SCHEDULES.
2. AS A MINIMUM, USE 10 AWG CONDUCTOR FOR 20 AMPERE, 120 VOLT BRANCH CIRCUIT HOME RUNS LONGER THAN 100 FEET AND 277 VOLT BRANCH CIRCUIT HOME RUNS LONGER THAN 200 FEET.
3. REFER TO SPECIFICATION SECTION 260519 FOR ADDITIONAL REQUIREMENTS.

EQUIPMENT GROUNDING CONDUCTOR
PHASE CONDUCTOR (SHORT LINE)
NEUTRAL CONDUCTOR (LONG LINE)



GENERAL PLAN SYMBOLS

MARK	SCHEDULED EQUIPMENT (UNDERLINED)
MARK	NONSCHEDULED EQUIPMENT
(E) MARK	EXISTING EQUIPMENT - (E) PREFIX (HALFTONE)
(R) MARK	EXISTING RELOCATED EQUIPMENT - (R) PREFIX
# / #	SECTION VIEW, TOP REPRESENTS DETAIL NUMBER, BOTTOM REPRESENTS SHEET NUMBER
# / #	ENLARGED VIEW, TOP REPRESENTS VIEW NUMBER, BOTTOM REPRESENTS SHEET NUMBER
	NEW WORK BY THE EC (DARK SOLID LINE)
	NEW UNDERGROUND WORK BY THE EC (DARK DASHED LINE)
	WORK BY OTHERS AND/OR EXISTING (LIGHT SOLID LINE)
	DEMO WORK BY THE EC (DARK DASHED LINE)
	MATCHLINE
X	KEYED NOTE
	LIGHTING CONTROL CALLOUT SYMBOL (DIAMOND)
1	ELECTRICAL EQUIPMENT SYMBOL (OCTAGON)

GENERAL ELECTRICAL SYMBOLS

J	ELECTRICAL CONNECTION
EPO	EMERGENCY STOP PUSH BUTTON
DPM	DIGITAL POWER METER
PP	AUTOMATIC DOOR PUSH PAD
	PANELBOARD
	UTILITY TRANSFORMER
	SWITCHBOARD
T	TRANSFORMER
	DISCONNECT SWITCH
	UTILITY POWER METER
	COMBINATION STARTER
	ELECTRICAL EQUIPMENT (DASHED LINES INDICATE CODE REQUIRED CLEARANCES)
	GROUND BAR
HH-#	HAND HOLE

POWER SYMBOLS

SYMBOL	DESCRIPTION
	DUPLEX / DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, EMERGENCY POWER
	DUPLEX / DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R
CD CR	CORD REEL / CORD DROP
	SIMPLEX RECEPTACLE, NEMA 5-20R
	SPECIAL RECEPTACLE
	RECESSED FLOOR BOX OR POKE-THRU
	CEILING MOUNTED RECEPTACLE, NEMA 5-20R
	SURFACE MOUNT MULTI-OUTLET ASSEMBLY
H $	HORSE POWER RATED SWITCH

FIRE ALARM SYMBOLS

SYMBOL	DESCRIPTION
FAP	CONTROL PANEL
NEP	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
FAA	REMOTE ANNUNCIATOR PANEL
PRV	POST INDICATOR VALVE AND TAMPER SWITCH
PS	AIR PRESSURE SWITCH
TS	VALVE TAMPER SWITCH
FS	WATER FLOW SWITCH
BR	BEAM SMOKE REFLECTOR
BT	LINEAR BEAM SMOKE DETECTOR
SD	LINEAR BEAM SMOKE DETECTOR
DSD	DUCT SMOKE DETECTOR
RS	DUCT SMOKE DETECTOR REMOTE INDICATOR STATION
H	HEAT DETECTOR ADDRESSABLE
J LHD	LINEAR HEAT DETECTION CABLE
F	ADDRESSABLE FIRE ALARM MANUAL PULL STATION
SD	SMOKE DETECTOR
#	AUDIO/VISUAL NOTIFICATION APPLIANCE, CEILING MOUNTED
#	VISUAL NOTIFICATION APPLIANCE, CEILING MOUNTED
#	SPEAKER NOTIFICATION APPLIANCE, CEILING MOUNTED
#	SPEAKER/VISUAL NOTIFICATION APPLIANCE, CEILING MOUNTED
A	HORN NOTIFICATION APPLIANCE, WALL MOUNTED
#	AUDIO/VISUAL NOTIFICATION APPLIANCE, WALL MOUNTED
S	SPEAKER NOTIFICATION APPLIANCE, WALL MOUNTED
S #	SPEAKER/VISUAL NOTIFICATION APPLIANCE, WALL SWITCH
	VISUAL NOTIFICATION APPLIANCE, WALL MOUNTED
AM	ADDRESSABLE MONITOR MODULE
RR	ADDRESSABLE RELAY MODULE
	MAGNETIC DOOR HOLDER
HD	HVAC ELEVATOR HOISTWAY DAMPER
SD	HVAC SMOKE DAMPER
ZAM	ZONE ADAPTER MODULES
CO	CO DETECTOR
VCC	VOICE COMMAND CENTER
DCS	DUCT CO DETECTOR
F	BELL
	HIGH FIDELITY SPEAKER - CEILING MOUNT
S	HIGH FIDELITY SPEAKER - WALL MOUNT
ASD	AIR SAMPLING SMOKE DETECTOR
FSD	FIRE SMOKE DAMPER

LIGHTING SYMBOLS

SYMBOL	DESCRIPTION
	CRITICAL FIXTURE (FULL SHADED)
	LIFE SAFETY (HALF SHADED)
	RECESSED MOUNTED (DIAGONAL SLASH)
	SURFACE MOUNTED
	SURFACE OR PENDANT FIXTURE (DOTS)
	POLE MOUNTED SITE FIXTURE
	RECESSED DOWNLIGHT (ARROW INDICATES WALL WASH)
	EMERGENCY LIGHT
	SINGLE / DOUBLE FACED EXIT SIGN
	EMERGENCY REMOTE HEAD (SINGLE/DOUBLE)
	COMBINATION EXIT/EMERGENCY LIGHT
	WALL MOUNTED FIXTURE (STEM OR STEMS)
	CYLINDRICAL FIXTURE (ARROW INDICATES WALL WASH)

LIGHTING CONTROL SYMBOLS

SYMBOL	DESCRIPTION
$	WALL SWITCH
OM	CEILING MOUNT SENSOR, DUAL TECHNOLOGY
IR	CEILING MOUNT SENSOR, INFRARED TECHNOLOGY
UR	CEILING MOUNT SENSOR, ULTRASONIC TECHNOLOGY
PC	PHOTOCELL

GENERAL NOTES

1. ALL INSTALLATIONS SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES INCLUDING, BUT NOT LIMITED TO, THE FLORIDA BUILDING CODES, AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES, AND THE INTERNATIONAL ENERGY CONSERVATION CODE (IECC). THE AUTHORITY HAVING JURISDICTION (AHJ) SHALL HAVE FINAL APPROVAL OF ALL INSTALLATIONS AND PRACTICES.
2. ALL MATERIALS FURNISHED SHALL BE NEW, FREE OF DEFECTS, AND LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL) UNLESS NOTED OTHERWISE.
3. INSTALLATION OF EQUIPMENT SHALL COMPLY WITH CURRENT STANDARDS AND SPECIFICATIONS APPROVED BY THE AHJ. INSTALL ALL CABLES AND WIRING IN CONDUIT OR RACEWAY UNLESS NOTED OTHERWISE. DO NOT SUPPORT CABLES OR WIRING FROM CEILING DEVICES, PIPING, DUCTWORK, OR CEILING FRAMING. PROVIDE NEW WIRING FOR ALL BRANCH CIRCUITS AND FEEDERS.
4. FEEDERS SHOWN ON DRAWINGS ARE SCHEMATIC ONLY. CONDUIT RUNS SHALL NOT INCLUDE BENDS GREATER THAN 90 DEGREES. CONDUITS ABOVE GRADE SHALL BE RUN PARALLEL OR PERPENDICULAR TO BUILDING LINES AND STRUCTURE.
5. CIRCUIT WIRING FOR THE EMERGENCY SYSTEM SHALL BE INSTALLED IN SEPARATE CONDUITS OR RACEWAYS AND SHALL REMAIN COMPLETELY INDEPENDENT OF ALL OTHER WIRING AND EQUIPMENT PER NEC REQUIREMENTS.
6. ALL FEEDER AND BRANCH CIRCUITS TO PANELS, MOTORS, LIGHT FIXTURES, RECEPTACLES, AND GENERAL DISTRIBUTION EQUIPMENT SHALL INCLUDE AN EQUIPMENT GROUNDING CONDUCTOR SIZED PER THE NEC. THE CONDUIT SYSTEM SHALL NOT BE USED AS AN EQUIPMENT GROUND.
7. REFER TO MECHANICAL AND PLUMBING EQUIPMENT SCHEDULES FOR EQUIPMENT CONNECTIONS, DISCONNECT REQUIREMENTS, AND CONTROLS. THE ELECTRICAL CONTRACTOR (EC) SHALL PROVIDE AND INSTALL ALL ITEMS INDICATED AS "BY EC" ON THE MECHANICAL AND PLUMBING SCHEDULES.
8. ALL WIRING AND FEEDER SIZES SHOWN ARE BASED ON COPPER CONDUCTORS UNLESS NOTED OTHERWISE. USE OF ALUMINUM FEEDER CONDUCTORS SHALL REQUIRE ENGINEER REVIEW OF FAULT CURRENT AND VOLTAGE DROP PRIOR TO INSTALLATION.
9. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF ELECTRICAL SYSTEMS AND ALL EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS TO MAINTAIN NEC-REQUIRED CLEARANCES, INCLUDING WORKING CLEARANCES AT ELECTRICAL DISTRIBUTION EQUIPMENT AND INSTALLATIONS ABOVE ACCESSIBLE CEILINGS.
10. CONDUIT FOR POWER WIRING MAY BE INSTALLED BELOW FLOOR SLABS UNLESS NOTED OTHERWISE. RACEWAYS FOR LOW-VOLTAGE CABLING (CONTROLS, TELECOMMUNICATIONS, ETC.) SHALL NOT BE INSTALLED BELOW OR WITHIN FLOOR SLABS UNLESS SPECIFICALLY NOTED. WHERE LOW-VOLTAGE CABLING IS ROUTED BELOW OR WITHIN SLABS, CONTRACTOR SHALL VERIFY CABLING IS LISTED FOR SUCH USE.
11. ALL ELECTRICAL CONDUCTORS SHALL BE STRANDED COPPER WITH TYPE THHN/THWN INSULATION UNLESS NOTED OTHERWISE. MINIMUM WIRE SIZE SHALL BE #12 AWG FOR GENERAL WIRING AND #10 AWG FOR HOMERUNS. REFER TO SPECIFICATIONS OR SHEET-SPECIFIC NOTES FOR ADDITIONAL INFORMATION.
12. ALL NEW CIRCUITS REQUIRING NEUTRAL CONDUCTORS SHALL HAVE DEDICATED NEUTRALS. SHARED NEUTRALS ARE NOT PERMITTED.
13. A GREEN EQUIPMENT GROUNDING CONDUCTOR SHALL BE PROVIDED TO ALL LOADS. THE CONDUCTOR SHALL BE SIZED PER THE NEC. ALL GROUNDING CONDUCTORS SHALL BE INSTALLED IN CONDUIT.
14. ALL BUILDING WIRING SHALL BE INSTALLED IN CONDUIT TO ACHIEVE CIRCUITING AS SHOWN. MINIMUM BRANCH CONDUIT SIZE SHALL BE 3/4" UNLESS NOTED OTHERWISE. SIZE CONDUCTORS PER NEC AMPACITY AND CONDUIT FILL REQUIREMENTS.
15. ALL HOME RUN CONDUITS FROM ELECTRICAL PANELBOARDS TO THE FIRST JUNCTION BOX SHALL BE A MINIMUM OF 1" CONDUIT AND SHALL TERMINATE IN A 4-11/16" SQUARE BY 2-1/8" DEEP (MINIMUM) JUNCTION BOX. JUNCTION BOX COVERS SHALL BE PAINTED AND CLEARLY MARKED WITH CIRCUIT NUMBERS. EACH HOME RUN RACEWAY SHALL HAVE SPARE CAPACITY FOR ONE (1) ADDITIONAL CIRCUIT AND ITS DEDICATED NEUTRAL.
16. MC CABLING SHALL NOT BE USED UNLESS SPECIFICALLY NOTED OTHERWISE.
17. ALL CONDUITS SHALL BE CONCEALED IN WALLS, ABOVE CEILINGS, ETC., WHERE POSSIBLE.
18. ALL CONDUIT ROUTED EXPOSED IN FINISHED SPACES SHALL BE ROUTED PARALLEL OR PERPENDICULAR TO WALLS AND CEILINGS. EXPOSED CONDUIT ROUTING SHALL BE REVIEWED WITH THE ARCHITECT AND ENGINEER PRIOR TO INSTALLATION.
19. COORDINATE THE EXACT LOCATION OF ALL DEVICES ABOVE OR BELOW COUNTERTOPS OR SIMILAR INSTALLATIONS WITH OTHER TRADES, ARCHITECTURAL ELEVATIONS, AND APPROVED SUBMITTALS PRIOR TO ROUGH-IN. ARCHITECTURAL ELEVATIONS AND DETAILS TAKE PRECEDENCE OVER ELECTRICAL DRAWINGS.
20. ALL CUTTING AND PATCHING REQUIRED FOR CONDUITS, DEVICES, OR OTHER ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR UNLESS NOTED OTHERWISE.
21. ALL PENETRATIONS THROUGH FIRE-RATED WALLS, FLOORS, AND CEILINGS SHALL BE SEALED WITH AN NRTL-APPROVED FIRESTOP SYSTEM EQUAL TO OR EXCEEDING THE RATING OF THE PENETRATED ASSEMBLY.
22. COORDINATE LOCATIONS OF ALL ELECTRICAL ITEMS INCLUDING, BUT NOT LIMITED TO, LIGHTING FIXTURES, CEILING-MOUNTED DEVICES (OCCUPANCY SENSORS, FIRE ALARM DEVICES, SPEAKERS, ETC.), SPRINKLER HEADS, AND HVAC DIFFUSERS/RETURNS. CENTER DEVICES IN CEILING TILES WHERE POSSIBLE.
23. ALL CEILING DEVICES REQUIRING WIRE TERMINATIONS SHALL BE INSTALLED WITH MANUFACTURER-RECOMMENDED BACK BOXES AND SUPPORTS AS REQUIRED BY THE NEC OR MANUFACTURER.
24. COORDINATE ALL MOUNTING OF ELECTRICAL MATERIALS, EQUIPMENT, AND DEVICES REQUIRED FOR EQUIPMENT SUPPLIED BY OTHERS. ELECTRICAL INSTALLATIONS SHALL NOT INTERFERE WITH OPERATION OR ACCESS. ALL SUCH INSTALLATIONS SHALL BE REVIEWED AND APPROVED BY THE SUPPLYING CONTRACTOR PRIOR TO ROUGH-IN.
25. BOXES LOCATED ON OPPOSITE SIDES OF FIRE-RATED WALLS SHALL BE OFFSET A MINIMUM OF 24" OR SHALL BE PROTECTED WITH A FIRE-RATED MATERIAL EQUAL TO OR GREATER THAN THE WALL RATING.
26. BOXES LOCATED ON OPPOSITE SIDES OF NON-FIRE-RATED WALLS SHALL BE OFFSET A MINIMUM OF 6".
27. REMOVE AND REINSTALL CEILING TILES AS NECESSARY TO PERFORM REQUIRED ELECTRICAL WORK. REPLACE ALL DAMAGED CEILING TILES WITH NEW TILES OF THE SAME MANUFACTURER AND MODEL.
28. PROVIDE FIELD TYPED PANELBOARD DIRECTORIES TO REFLECT AS-CONSTRUCTED CONDITIONS.
29. ALL REQUESTS FOR CHANGE PROPOSALS SHALL INCLUDE DETAILED BREAKDOWNS OF MATERIALS, LABOR, AND SUBCONTRACTOR COSTS. SUPPLIER QUOTES SHALL BE PROVIDED ON SUPPLIER LETTERHEAD. LABOR UNITS FOR NEW MATERIAL INSTALLATIONS SHALL NOT EXCEED 75% OF NECA 1 "NORMAL CONDITION" RATES WITHOUT SPECIFIC APPROVAL.

ELECTRICAL SHEET LIST

EM000	ELECTRICAL COVER PAGE
ES101	ELECTRICAL BID #2 SITE PLAN
ES102	ELECTRICAL SITE LIGHTING PLAN
ES103	ELECTRICAL SITE PHOTOMETRIC PLAN
ECM100	EQUIPMENT CONNECTION PLAN
ELM100	ELECTRICAL LIGHTING PLAN
EPM100	ELECTRICAL POWER PLAN
EPM300	ELECTRICAL ROOF PLAN
EYM100	ELECTRICAL SYSTEMS PLAN
EM500	ELECTRICAL DETAILS
EM501	ELECTRICAL DETAILS
EM502	ELECTRICAL DETAILS
EM503	ELECTRICAL DETAILS
EM600	ELECTRICAL SCHEDULES
EM601	ELECTRICAL SCHEDULES
EM602	ELECTRICAL SCHEDULES

KED bluestone
5518 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER: 126320
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHT, TO ALL DRAWINGS AND DATA PREPARED THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

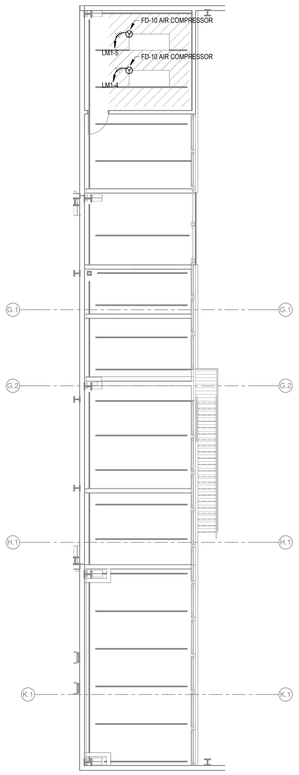
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

ELECTRICAL COVER PAGE **EM000**



N

2 ELECTRICAL MEZZANIE CONNECTION PLAN

1/8" = 1'-0"

GENERAL NOTES:

1. COORDINATE FINAL POWER LOCATION OF PLUMBING SENSOR TRANSFORMER FOR EASY MAINTENANCE ACCESS PRIOR TO ROUGH-IN (TYPICAL).
2. PLUMBING SENSOR TRANSFORMER CORD AND PLUG DISCONNECT. REFER TO PLUMBING SCHEDULE FOR ADDITIONAL INFORMATION.

KEYED NOTES:

1. DISCONNECT PROVIDED BY MANUFACTURER
2. DISCONNECT PROVIDED M.C., WIRED BY E.C.
3. OPERATION SHALL BE CONTROLLED VIA EXHAUST FAN TIMECLOCK

N

1 EQUIPMENT CONNECTION PLAN

1/8" = 1'-0"

KEY MAP

KED bluestone
5018 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER: 5353R
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED IN ANY MANNER OR OBJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

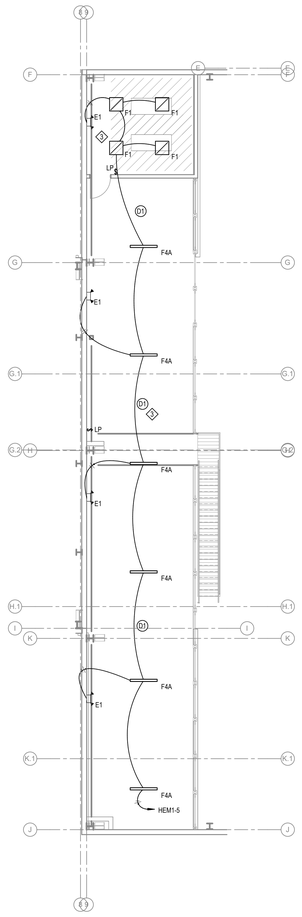
Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

PROJECT NO.	2613
STATUS	BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE	10/22/2026
DRAWN BY	ADG

EQUIPMENT CONNECTION PLAN **ECM100**



N

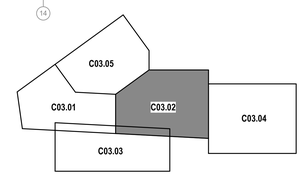
2 ELECTRICAL MEZZANIE LIGHTING PLAN

1/8" = 1'-0"

N

1 ELECTRICAL LIGHTING PLAN

1" = 10'-0"



KEY MAP

GENERAL NOTES:

1. EXTERIOR LIGHTS SHALL BE CONTROLLED VIA (1) EXTERIOR PHOTOCELL, LOCATED ON THE MAINTENANCE BUILDING. NETWORK EXTERIOR FIXTURES TOGETHER FOR CONTROL ACROSS CAMPUS.

LIGHTING CONTROLS	
TYPE	**DESCRIPTION**
1	MANUAL ON, MANUAL OFF DUE TO SAFETY REASONS.
2	AUTO ON / AUTO OFF AFTER 20 MINUTES OF BEING UNOCCUPIED
3	ALL FIXTURES TO BE AUTO ON TO 50%, MANUAL ON TO 100%, AND AUTO OFF AFTER BEING UNOCCUPIED FOR 20 MINUTES. DIMMING TO BE INCLUDED FOR ALL FIXTURES IN CONTROL ZONE

NOTES:

1. LIGHTING CONTROLS SHALL MEET INTERNATIONAL ENERGY CONSERVATION CODE (IECC 2021).
2. THE SWITCHES AND OCCUPANCY SENSORS SHOWN IN A ROOM SHALL CONTROL ALL LIGHTING ZONES IN THE ROOM UNLESS NOTED IN THE OTHER WITH A SUBSCRIPT ON THE SWITCH OR OCCUPANCY SENSORS.
3. LIGHTING WITHIN ROOMS SHALL BE CONTROLLED BY THE DEVICES SHOWN WITHIN THE ROOM UNLESS NOTED OTHERWISE WITHIN THIS NARRATIVE.
4. ALL FIXTURES WITHIN 15' OF EXTERIOR FENESTRATION SHALL UTILIZE DAYLIGHT HARVESTING ZONE IN ACCORDANCE WITH THE INTERNATIONAL ENERGY CONSERVATION CODE (IECC). FIXTURES WITHIN ZONE SHALL ALSO BE CONTROLLED BY OCCUPANCY SENSORS AND SWITCHES LOCATED IN THE ROOM AS INDICATED ON DRAWINGS.
5. SUBSCRIPTS INDICATED ON PLANS SUCH AS 'a', 'b', ETC. INDICATE A MULTIZONE ROOM. THE CORRESPONDING SWITCHES IN ROOM FOR ZONE LABELED WITH THE SAME SUBSCRIPT SHALL CONTROL THAT ZONE.
6. IF NO SUBSCRIPTS ARE SHOWN WITHIN A ROOM, ALL LIGHTS WITHIN THAT ROOM WILL BE CONTROLLED AS A SINGLE ZONE.
7. PROVIDED 0-10V CONTROL WIRING TO ALL LUMINAIRES SERVES BY 0-10V DIMMING DEVICES.

KED bluestone
5018 NW 89th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER: 100326
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED IN ANY MANNER WHATSOEVER WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

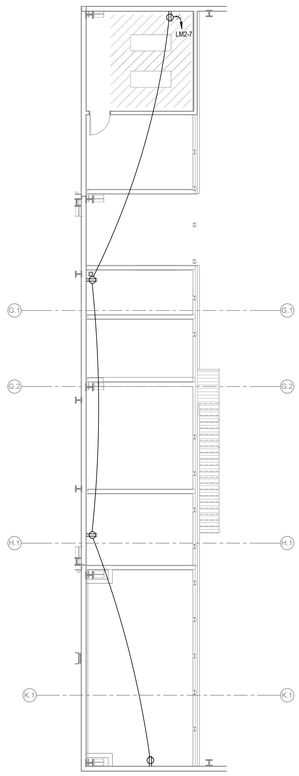
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

ELECTRICAL LIGHTING PLAN **ELM100**



N

2 ELECTRICAL MEZZANIE POWER PLAN

1/8" = 1'-0"

GENERAL NOTES:

1. COORDINATE FINAL MOUNTING HEIGHT OF ALL TECHNOLOGY DEVICES AND EQUIPMENT WITH TECHNOLOGY DRAWINGS. (TYP) UNLESS NOTED OTHERWISE.
2. ELECTRICAL CONTRACTOR TO ROUTE CONDUIT PATH FROM FLOOR BOX(ES) TO WALL MOUNTED TV WITHIN SPECIFIED ROOM (TYP).
3. PLUG LOAD RECEPTACLES ARE TO BE CONTROLLED BY DIGITAL LIGHTING CONTROLS LOCATED WITHIN THE SAME ROOM AS THE RECEPTACLE.

KEYED NOTES:

1. PAD MOUNT CURRENT TRANSFORMER CABINET. COORDINATE FINAL LOCATION WITH UTILITY METER TO ENSURE CLEARANCES ACCORDING TO FLORIDA POWER AND LIGHT STANDARDS.

N

1 ELECTRICAL POWER PLAN

1/8" = 1'-0"

KEY MAP

KED bluestone
5618 NW 88th Street
Johnston, IA 50131
515-727-2700
www.KEDbluestone.com

PROJECT NUMBER: 12b109
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED IN ANY MANNER WHATSOEVER WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

ELECTRICAL POWER PLAN EPM100

NOTES:

1. REFER TO EA502 FOR LIGHTNING PROTECTION INSTALLATION DETAILS.
2. ALL LIGHTNING PROTECTION DOWN CONDUCTORS SHALL BE ROUTED WITHIN BUILDING WALL, COLUMNS AND UTILITY CHASES. CONCEALED CONDUCTORS SHALL BE INSTALLED IN NONMETALLIC PVC SLEEVES WHERE PASSING THROUGH FLOORS, WALLS AND FOUNDATIONS. BOND ALL METALLIC SYSTEMS WITHIN SIDE-FLASH DISTANCE IN ACCORDANCE WITH NFPA 780. FIRESTOP ALL PENETRATIONS THROUGH RATED ASSEMBLIES WITH LISTED FIRE STOP SYSTEMS.
3. ALL CONDUCTORS SHALL BE COPPER.
4. THE DESIGN & DETAILS SHOWN WILL MEET THE REQUIREMENTS OF UNDERWRITERS LABORATORY CODE 96/96A, NATIONAL FIRE PROTECTION ASSOCIATION CODE 780 & THE LIGHTNING PROTECTION INSTITUTE CODE 175 FOR LIGHTNING PROTECTION SYSTEMS.
5. A CONDUCTOR BEND SHALL NOT FORM A SHARPER ANGLE THAN 90 DEGREES OR HAVE RADIUS LESS THEN 8 INCHES.
6. METAL BODIES OF INDUCTANCE LOCATED WITHIN 6' OF A MAIN LIGHTNING COMPONENT SHALL BE BONDED TO THE LIGHTNING PROTECTION SYSTEM. (INCLUDING BUT NOT LIMITED TO METAL VENTS, FLASHING, LOUVERS & ROOF DRAINS).
7. CONNECTIONS TO GROUND AND/ OR COUNTERPOISE SHALL BE MADE AT A POINT NOT LESS THAN 2'-0" BELOW GRADE, AND 3'-0" TO 6'-0" AWAY FROM FOUNDATION WALL.
8. AIR TERMINAL SHALL BE PLACED AT THE LOCATIONS INDICATED, NOT MORE THAN 2'-0" FROM THE ENDS OF RIDGES, OUTSIDE CORNERS, OR OUTSIDE EGRESS OF MAIN ROOFS, AND MUST EXTEND A MINIMUM OF 10" ABOVE THE OBJECTS TO BE PROTECTED.
9. MID-ROOF AIR TERMINALS SHALL BE SPACED AT 40'-0" O.C. MAX. SPACING.
10. PERIMETER AIR TERMINALS THAT ARE LESS THAN 24" IN HEIGHT SHALL BE SPACED AT 20'-0" O.C. MAX PERIMETER AIR TERMINALS THAT AREA 24" IN HEIGHT OR GREATER SHALL BE SPACED AT 25'-0" O.C. MAX.
11. JOB CONDITIONS MAY DICTATE SLIGHT VARIATIONS IN AIR TERMINAL AND GROUND ROD LOCATIONS, BUT IN NO INSTANCE SHALL A VARIATION BREAK COMPLIANCE WITH THESE NOTES AND REQUIREMENTS.
12. CONDUCTORS SHALL MAINTAIN A HORIZONTAL OR DOWNWARD PATH FREE FROM "U" AND "V" POCKETS. ANY RISE IN CONDUCTOR SHALL BE NO STEEPER THAN 3" OF RISER PER 12" OF RUN.
13. COPPER LIGHTNING PROTECTION MATERIALS SHALL NOT BE PLACED ON ALUMINUM, GALVANIZED, OR BARE GALVANIZED STEEL SURFACES. ALUMINUM MATERIALS SHALL NOT BE PLACED ON COPPER SURFACES.
14. FOR THE SAKE OF CLARITY EACH INDIVIDUAL ITEM OF LIGHTNING PROTECTION MATERIALS IS NOT CALLED OUT ON THE ROOF PLAN SHOWN ARE TYPICAL DETAILS AND HAVE CALLED OUT EACH OF THESE DETAILS ON THE ROOF PLAN, ONLY IN SCATTERED LOCATIONS.
15. ALL MISCELLANEOUS STEEL INCLUDING BUT NOT LIMITED TO STRUCTURAL STEEL, REBAR, FRAMING & RAILINGS, SHALL BE MADE ELECTRICALLY CONTINUOUS THROUGH CONSTRUCTION (NOT THE RESPONSIBILITY OF THE LIGHTNING PROTECTION CONTRACTOR).
16. ELECTRIC, TELEPHONE, ANTENNA SYSTEM, AND OTHER MISCELLANEOUS GROUNDING SHALL BE CONNECTED WITH MAIN SIZED CONDUCTOR TO ANY LIGHTNING PROTECTION GROUND.
17. A LIGHTNING ARRESTOR, PROTECTOR, OR ANTENNA-DISCHARGE UNIT MUST BE INSTALLED ON EACH ELECTRIC AND TELEPHONE SERVICE ENTRANCE AND RADIO AND TELEVISION ANTENNA LEAD IN. (TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR).
18. ALL ADHESIVE FIXTURES SHALL BE SET WITH AN ADHESIVE COMPOUND COMPATIBLE WITH ROOFING MATERIAL, ADHESIVES SHALL BE APPROVED IN ADVANCE BY THE ROOFING CONTRACTOR.
19. BOND ALL METAL PIPES SUCH AS WATER, GAS, FIRE, STORM, SEWER WHICH ENTER THE STRUCTURE TO THE NEAREST DOWNLOAD, GROUND ROD OR COUNTERPOISE.
20. SEAL THE ENDS OF CONDUIT MOISTURE TIGHT WITH DUCT SEAL, SILICONE OR LEAD WEDGES (NOT THE RESPONSIBILITY OF THE LIGHTNING PROTECTION CONTRACTOR).
21. CABLE MUST BE FASTENED EVERY 3'-0" O.C. MAXIMUM.
22. THE LIGHTNING PROTECTION INSTALLER IS TO CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE THE WORK IS STARTED. INSTALLERS WHO FAIL TO VERIFY, REVIEW, AND COORDINATE THE WORK SHALL TAKE FULL RESPONSABILITY FOR THE WORK AND ANY PORTION OF THE WORK THAT IS IMPROPERLY INSTALLED OR LOCATED. THE INSTALLER SHALL NOTIFY THE DESIGNER IF DIMENSIONAL ERRORS OR DESIGN CONFLICTS OCCUR, AND SHALL PROCEED ONLY UPON CLARIFICATION OR REVISION AS ISSUED BY ROBBINS LIGHTNING, INC.
23. ALL LIGHTNING PROTECTION SYSTEMS REQUIRE PROPERLY INSTALLED SURGE PROTECTIVE DEVICES AS OUTLINED IN PARAGRAPH 13 OF UL 96A.
24. WHERE POSSIBLE, SECURELY INSERT CABLE INTO EXISTING SPLICER OR POINT BASE TO CONSERVE SPLICERS.
25. PICTURES NEED TO BE TAKEN WHERE BONDS ARE GOING TO BE CONCEALED OR BURIED SUCH AS WATER, GAS, & ELECTRIC BONDS; GROUND RODS; THRU WALLS & THRU ROOFS. (INTERIOR PICTURES).
26. THIS SYSTEM INCLUDES BONDING TO GAS PIPING PER CURRENT CODES. IF "CSST" GAS PIPING IS PRESENT, CURRENT PRACTICE MAY BE INADEQUATE TO PREVENT FLASHOVER FROM THE LIGHTNING PROTECTION SYSTEM. BONDING METHODS ARE UNDER CODE REVIEW. THE LIGHTNING PROTECTION MANUFACTURER, INSTALLER, LPI AND LPI-IP ACCEPT NO LIABILITY DUE TO LACK OF CONSENSUS ON MEASURES REQUIRED TO PREVENT DAMAGE, INJURY, OR LOSS DUE TO "CSST" FAILURES.
27. ALL ADDITIONAL GROUNDING SHALL BE PROVIDED & INSTALLED BY OTHERS. I.E.: TRANSFORMER, BUS-BAR, ETC.

GENERAL ELECTRICAL SCHEDULE

⏚	GROUND ROD LOCATION	CAT. NO 10T COPPER BONDING WIRE (14 STR., X 17 GA.)

KEYED NOTES:

1. REFER TO STM500 FOR WIRELESS ACCESS POINT DETAIL.
2. CONNECT DOWNLEAD TO BUILDING GROUNDING RING.
3. MECHANICAL EQUIPMENT DISCONNECT PROVIDED BY MANUFACTURER. ELECTRICAL CONTRACTOR TO PROVIDE EQUIPMENT BRANCH FEEDER CONDUIT AND WIRING FROM INDICATED POWER SOURCE.



N

1 ELECTRICAL ROOF PLAN
1/8" = 1'-0"

KEY MAP

KED bluestone
5618 NW 88th Street
Johnston, IA 50131
515-727-2700
www.KEDbluestone.com

PROJECT NUMBER: 126109
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED IN ANY MANNER WHATSOEVER WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

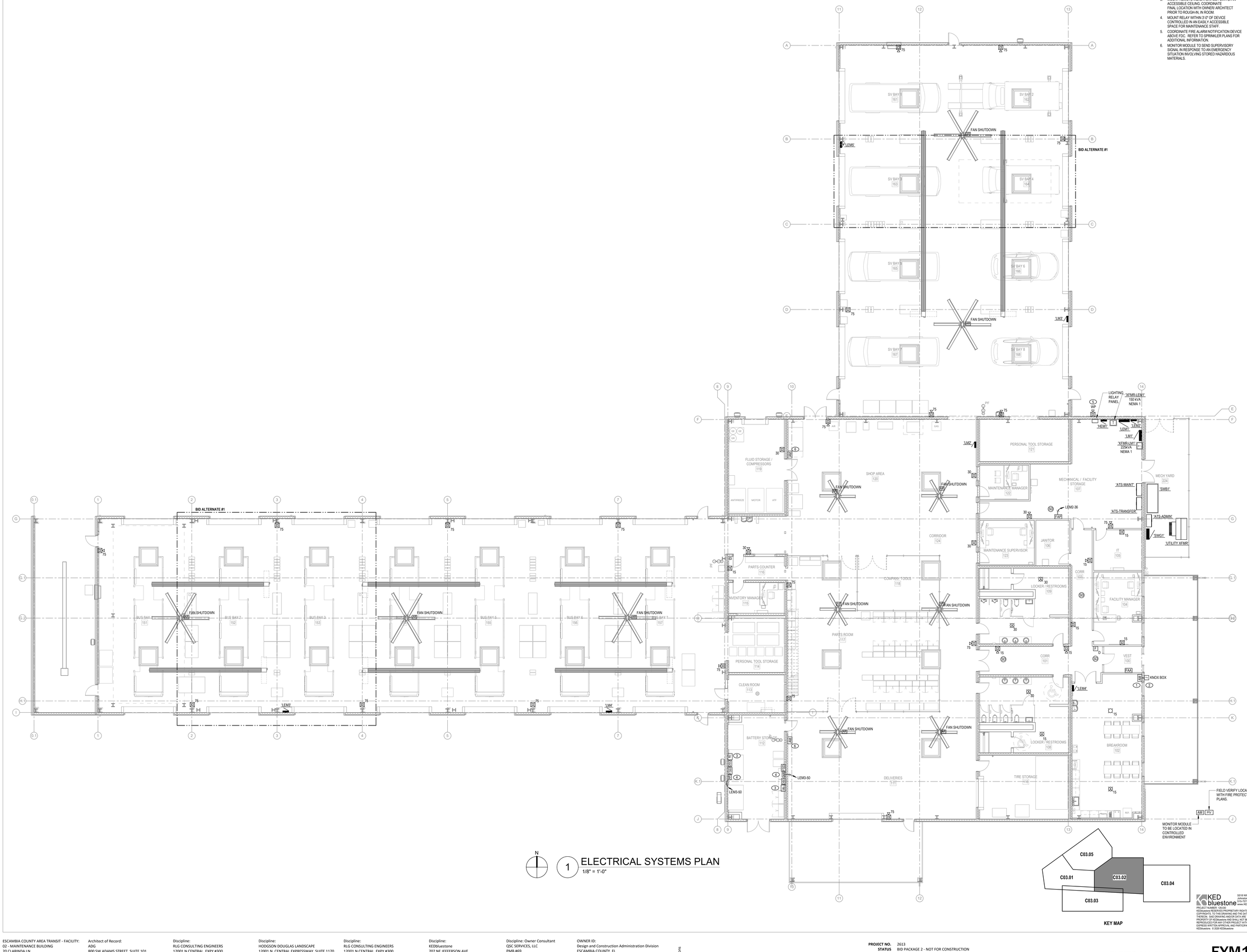
Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

ELECTRICAL ROOF PLAN **EPM300**

KEYED NOTES:

1. CONNECT MONITOR MODULE TO DOOR CONTACT IN KNOX BOX. COORDINATE WITH G.C.
2. KNOX BOX. COORDINATE EXACT LOCATION WITH ARCHITECT AND G.C. PRIOR TO ROUGH-IN.
3. MOUNT REMOTE INDICATOR/TEST SWITCH IN ACCESSIBLE CEILING. COORDINATE FINAL LOCATION WITH OWNER/ ARCHITECT PRIOR TO ROUGH-IN, IN ROOM.
4. MOUNT RELAY WITHIN 3'-0" OF DEVICE CONTROLLED IN AN EASILY ACCESSIBLE SPACE FOR MAINTENANCE STAFF.
5. COORDINATE FIRE ALARM NOTIFICATION DEVICE ABOVE FDC. REFER TO SPRINKLER PLANS FOR ADDITIONAL INFORMATION.
6. MONITOR MODULE TO SEND SUPERVISORY SIGNAL IN RESPONSE TO AN EMERGENCY SITUATION INVOLVING STORED HAZARDOUS MATERIALS.



N

1 ELECTRICAL SYSTEMS PLAN
1/8" = 1'-0"

KEY MAP

KED bluestone
5518 NW 88th Street
Johnston, IA 50131
515.259.5957
www.KEDbluestone.com

PROJECT NUMBER : 02c00
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN. THIS DRAWING AND THE DATA SHOWN ARE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

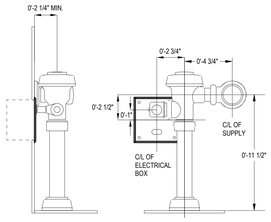
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

ELECTRICAL SYSTEMS PLAN **EYM100**

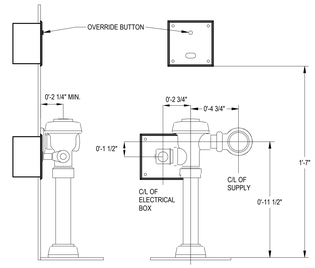


9 URINAL FLUSH VALVE ROUGH-IN DETAIL

N.T.S.

NOTES:

1. ROUGH-IN IS FOR A TYPICAL URINAL FLUSH VALVE. ACTUAL ROUGH-IN SHALL BE COORDINATED IN THE FIELD WITH THE APPROVED PLUMBING SHOP DRAWINGS AND THE VENDOR'S TEMPLATE AND/OR SUPPORT KIT.
2. FAILURE TO PROPERLY POSITION THE ELECTRICAL BOX TO THE PLUMBING ROUGH-IN WILL RESULT IN IMPROPER INSTALLATION AND IMPAIR PERFORMANCE.
3. ELECTRICAL ROUGH-IN SHALL BE A 4" SQUARE, 2-1/8" DEEP BOX WITH A TWO-GANG MUD RING. MUD RING SHALL BE INSTALLED WITH THE DEVICE SCREWS ON THE LEFT AND RIGHT SIDE OF THE BOX.
4. PROVIDE 120V CONNECTION TO THE LOW VOLTAGE TRANSFORMER, PROVIDED BY THE P.C., AND PROVIDE LV WIRING FROM THE TRANSFORMER TO THE UNIT, OR UNITS, PER THE APPROVED PLUMBING SHOP DRAWINGS. COORDINATE SENSOR LOCATION ABOVE THE CEILING TO ENSURE IT IS LOCATED IN AN ACCESSIBLE SPACE.

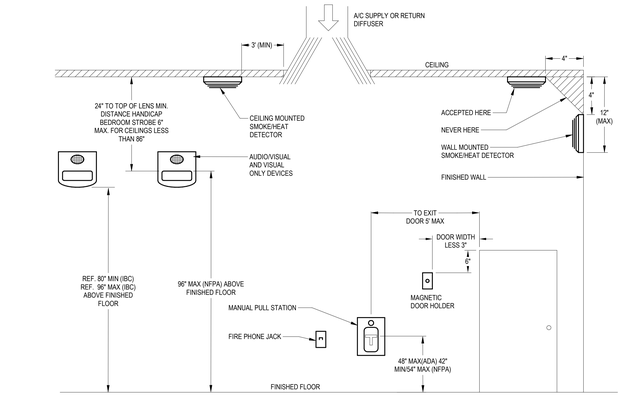


7 TOILET FLUSH VALVE ROUGH-IN DETAIL

N.T.S.

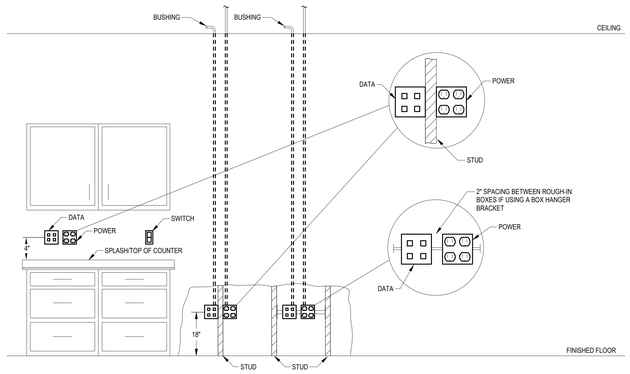
NOTES:

1. ROUGH-IN IS FOR A TYPICAL TOILET FLUSH VALVE. ACTUAL ROUGH-IN SHALL BE COORDINATED IN THE FIELD WITH THE APPROVED PLUMBING SHOP DRAWINGS AND THE VENDOR'S TEMPLATE AND/OR SUPPORT KIT.
2. FAILURE TO PROPERLY POSITION THE ELECTRICAL BOXES TO THE PLUMBING ROUGH-IN WILL RESULT IN IMPROPER INSTALLATION AND IMPAIR PERFORMANCE.
3. ELECTRICAL ROUGH-INS SHALL BE A 4" SQUARE, 2-1/8" DEEP BOXES WITH A TWO-GANG MUD RING. MUD RING SHALL BE INSTALLED WITH THE DEVICE SCREWS ON THE LEFT AND RIGHT SIDE OF THE BOX.
4. POSITION OF THE SENSOR BOX CAN BE RAISED OR LOWERED 1" IF IN CONFLICT WITH HANDICAP GRAB BARS.
5. PROVIDE 120V CONNECTION TO THE LOW VOLTAGE TRANSFORMER, PROVIDED BY THE P.C., AND PROVIDE LV WIRING FROM THE TRANSFORMER TO THE UNIT, OR UNITS, PER THE APPROVED PLUMBING SHOP DRAWINGS. COORDINATE SENSOR LOCATION ABOVE THE CEILING TO ENSURE IT IS LOCATED IN AN ACCESSIBLE SPACE.



3 FIRE ALARM DEVICE MOUNTING HEIGHT

N.T.S.

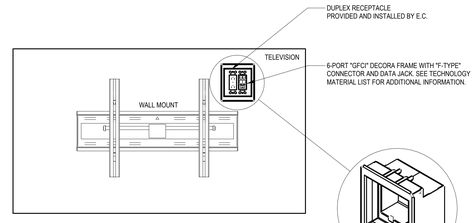


2 SCHEMATIC ELECTRICAL MOUNTING DETAIL

N.T.S.

NOTES:

1. SOME DEVICES SHOWN MAY NOT BE USED. DETAIL IS NOT TO SCALE.
2. MOUNTING HEIGHTS ARE AS SHOWN IN THIS DETAIL UNLESS NOTED OTHERWISE ON THE FLOORPLAN.
3. TYPICAL FOR POWER AND DATA IN THE SAME GENERAL LOCATION. POWER AND DATA ROUGH-IN TO BE MOUNTED ADJACENT TO EACH OTHER ON EITHER SIDE OF A STUD OR BETWEEN STUDS IF USING A BRACKET HANGER. IF USING A BRACKET HANGER, POWER AND DATA BOXES TO BE INSTALLED WITH A 2" SPACE BETWEEN THEM.
4. ALL DEVICES TO BE INSTALLED IN ACCORDANCE WITH ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER TO AHJ ADOPTED NEC - *INFORMATIVE ANNEX J* OR AHJ ADOPTED PUBLISHING OF *ADA STANDARDS FOR ACCESSIBLE DESIGN* FOR ADDITIONAL INFORMATION.



8 TV BOX DETAIL

N.T.S.

NOTES:

1. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT AND TV MOUNT DIMENSIONS PRIOR TO ROUGH-IN.

RECESSED STEEL TV BOX, 2-GANG, WITH VOLTAGE SEPARATOR. SEE MATERIAL LIST FOR ADDITIONAL INFORMATION.

PANEL "__#__"

FED FROM "__#__"

(VOLTAGE)

(AIC RATING)

PHASE A - BLACK
PHASE B - RED
PHASE C - BLUE
NEUTRAL - WHITE
GROUND - GREEN

ENGINEER: KEDbluestone

CONTRACTOR:

6 PANEL BOARD NAMEPLATE

N.T.S.

NOTES:

1. FOR 208Y SYSTEMS, FOLLOW COLORS AS SHOWN.
2. FOR 480/277 SYSTEMS, COLOR SHALL BE AS FOLLOWS:

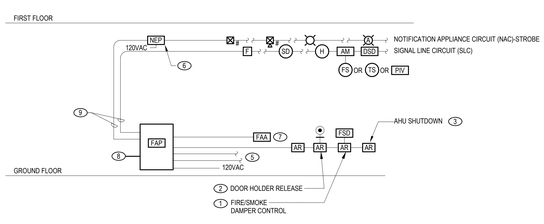
   PHASE A - BROWN
   PHASE B - ORANGE
   PHASE C - YELLOW
   NEUTRAL - GRAY
   GROUND - GREEN

3. NAME PLATE SHALL BE PERMANENTLY ATTACHED TO PANELBOARD. REFER TO SPECIFICATION SECTION 260553 FOR NAMEPLATE CONSTRUCTION REQUIREMENTS.

MINIMUM BRANCH CIRCUIT FEEDER SIZE (RHW, THHW, THW, THWN, XHHW, XHWN, USE, ZE) BASED ON NEC 2020 AT 75°C			
BREAKER SIZE	PHASE/NEUTRAL	GRD	CONDUIT
20A	#12	#12	3/4"
25A	#10	#10	3/4"
30A	#10	#10	3/4"
35A	#8	#10	1"
40A	#8	#10	1"
50A	#6	#10	1"
60A	#4	#10	1-1/4"
70A	#4	#8	1-1/4"
80A	#3	#8	1-1/2"
100A	#1	#8	2"

5 ELECTRICAL BRANCH FEEDER SCHEDULE

N.T.S.



4 ADDRESSABLE FIRE ALARM SYSTEM RISER

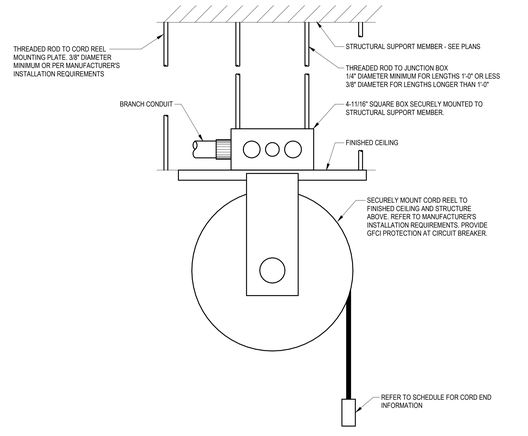
N.T.S.

NOTES:

1. THE FIRE ALARM RISER DIAGRAM IS MEANT TO CONVEY THE GENERAL SCOPE OF WORK AND SHOULD NOT BE USED AS A DETAILED WIRING SCHEMATIC. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING QUANTITIES OF DEVICES AND CONTROL/MONITORING INTERFACES WITH OTHER BUILDING SYSTEMS (I.E. FIRE/SMOKE DAMPERS, AHU SHUT-DOWN, ELEVATOR CONTROLS, ETC.).
2. THE COMPLETE FIRE ALARM SYSTEM SHALL MEET ALL APPLICABLE CODES AS WELL AS THE FIRE ALARM SYSTEM MANUFACTURER'S RECOMMENDATIONS.
3. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL 120VAC CIRCUITS REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM. THIS INCLUDES THE MAIN FIRE ALARM PANEL AS WELL AS ANY NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANELS. ALL 120VAC CIRCUIT BREAKERS SERVING FIRE ALARM EQUIPMENT SHALL BE PROVIDED WITH HANDLE LOCKS.
4. ALL FIRE ALARM WIRING SHALL BE INSTALLED EITHER IN EXISTING RACEWAY (WHERE AVAILABLE) OR FLOWN ABOVE THE FINISHED CEILING. ALL FLOWN CABLES SHALL BE PLENUM RATED AND SHALL BE SUPPORTED INDEPENDENT OF THE CEILING SYSTEM USING J-HOOKS AND OTHER APPROPRIATE SUPPORTS. COORDINATE CABLE TYPE REQUIREMENTS WITH THE FIRE ALARM SYSTEM MANUFACTURER.
5. MAINTAIN 3'-0" SEPARATION BETWEEN SMOKE DETECTORS AND HVAC DIFFUSERS.
6. ALL DEVICES SHALL BE FLUSH MOUNTED WHERE WALL AND CEILING CONSTRUCTION ALLOWS. IF FLUSH MOUNTING OF DEVICES IS NOT POSSIBLE, SURFACE MOUNT USING SURFACE BOXES AND WIREMOLD 700 SERIES METALLIC RACEWAY (OR EQUAL), PAINTED TO MATCH EXISTING FINISHES.
7. FIRE ALARM PANEL TO HAVE AN INPUT TO ACCEPT FIRE OPTIC CONNECTIONS BETWEEN PANELS FOR NETWORKING PURPOSES.

KEYED NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL CONNECT TO FIRE/SMOKE DAMPER CIRCUITS. EC SHALL FIELD VERIFY QUANTITY AND LOCATION OF NEW ADDRESSABLE RELAYS REQUIRED FOR FIRE/SMOKE DAMPER CONTROL.
2. THE ELECTRICAL CONTRACTOR SHALL CONNECT TO DOOR RELEASE CIRCUITS. EC SHALL FIELD VERIFY QUANTITY AND LOCATION OF NEW ADDRESSABLE RELAYS REQUIRED FOR DOOR RELEASE CONTROL.
3. THE ELECTRICAL CONTRACTOR SHALL CONNECT FIRE ALARM RELAYS TO AIR HANDLING UNIT CONTROLS FOR SHUT-DOWN PURPOSES. EC SHALL FIELD VERIFY QUANTITY AND LOCATION OF ADDRESSABLE RELAYS REQUIRED FOR AHU SHUT-DOWN CONTROL.
4. FIRE ALARM PANEL REQUIRES (2) CELLULAR CARDS FOR COMMUNICATION PURPOSES FOR MONITORING.
5. PROVIDE NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANELS AS REQUIRED. IT IS THE FIRE ALARM SYSTEM MANUFACTURER'S RESPONSIBILITY TO DETERMINE QUANTITY OF PANELS NEEDED TO MEET THE SPECIFICATIONS. PANELS TO BE INSTALLED IN LOCATIONS APPROVED BY THE OWNER. ACCEPTABLE LOCATIONS INCLUDE: ELECTRICAL ROOMS, JANITOR'S CLOSETS, MECHANICAL ROOMS.
6. REFER TO EYM100 FOR LOCATION OF GROUND LEVEL ANNUNCIATOR PANEL.
7. REFER TO SPECIFICATIONS FOR SIGNAL AND NOTIFICATION LOOP REQUIREMENTS.
8. PROVIDE A DEDICATED FIBER OPTIC COMMUNICATIONS CONNECTION BETWEEN THIS MAIN FIRE ALARM CONTROL PANEL AND ALL REMOTE CAMPUS FIRE ALARM CONTROL PANELS. FIBER TYPE, STRAND COUNT, PATHWAY ROUTING, AND TERMINATION REQUIREMENTS SHALL BE COORDINATED WITH THE FIRE ALARM SYSTEM MANUFACTURER. PROVIDE A COMPLETE AND OPERATIONAL NETWORKED FIRE ALARM SYSTEM CAPABLE OF MONITORING, REPORTING, AND CONTROL BETWEEN PANELS



1 TYPICAL CORD REEL

N.T.S.

GENERAL NOTES:

1. COORDINATE CORD REEL LOCATION WITH EQUIPMENT BEING SERVED.

		SYSTEM OUTPUTS																	
		FACP ANNUNCIATION							NOTIFICATION				REQUIRED FIRE SAFETY CONTROL						
	SYSTEM INPUTS	ACTUATE COMMON ALARM SIGNAL INDICATOR	ACTUATE AUDIBLE ALARM SIGNAL	ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR	ACTUATE AUDIBLE SUPERVISORY SIGNAL	ACTUATE COMMON TROUBLE SIGNAL INDICATOR	ACTUATE AUDIBLE TROUBLE SIGNAL	ACTUATE ZONE OR DEVICE ADDRESS ALARM INDICATOR	ACTUATE VISIBLE & AUDIBLE ALARM ANNUNCIATION	TRANSMIT FIRE ALARM SIGNAL TO CENTRAL STATION	TRANSMIT SUPERVISORY SIGNAL TO CENTRAL STATION	TRANSMIT TROUBLE SIGNAL TO CENTRAL STATION	RELEASE MAGNETICALLY HELD DOORS	ACTUATE MOH DOOR CLOSURE	CLOSE SMOKE DAMPERS ASSOCIATED WITH THE SECTION IN ALARM	UNLOCK EXITS AND CONTROL DOORS	SHUT DOWN RESPECTIVE AIR HANDLING EQUIPMENT
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	FIRE ALARM SYSTEM AC POWER FAILURE					X	X					X					
2	FIRE ALARM SYSTEM LOW BATTERY					X	X					X					
3	OPEN CIRCUIT					X	X					X					
4	GROUND FAULT					X	X					X					
5	NOTIFICATION APPLIANCE CIRCUIT SHORT					X	X					X					
6	BUILDING MANUAL PULL STATIONS	X	X					X	X	X			X			X	
7	CORRIDOR SMOKE DETECTORS	X	X					X	X	X			X		X	X	
8	AREA SMOKE DETECTORS	X	X					X	X	X			X			X	
9	HVAC AIR DUCT SMOKE DETECTORS			X	X			X			X				X		X
10	AREA HEAT DETECTORS	X	X					X	X	X			X			X	
11	HOOD OR ROOM FIRE SUPPRESSION SYSTEM ALARM	X	X					X	X	X			X			X	
12	SPRINKLER TAMPER SWITCH			X	X			X			X						
13	SPRINKLER WATER FLOW SWITCH	X	X					X	X	X			X			X	
14	SPRINKLER AIR PRESSURE SWITCH			X	X			X			X						
15	AREA CO DETECTORS	X	X					X	X	X			X				X
16																	

10 FIRE ALARM MATRIX

N.T.S.

KED bluestone
5518 NW 88th Street
Johnston, IA 50131
(515) 259-5957
www.KEDbluestone.com

PROJECT NUMBER - 125100
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN. THIS DRAWING AND THE DATA SHOWN ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

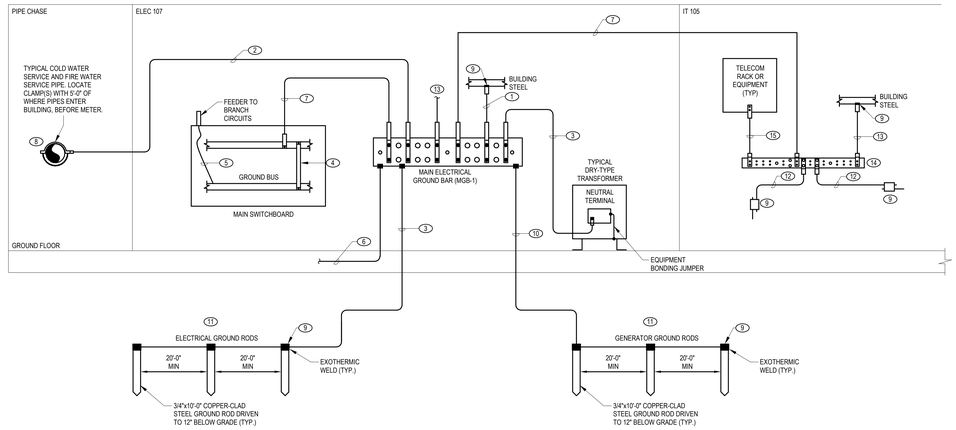
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

ELECTRICAL DETAILS **EM500**



2 GROUNDING RISER DIAGRAM

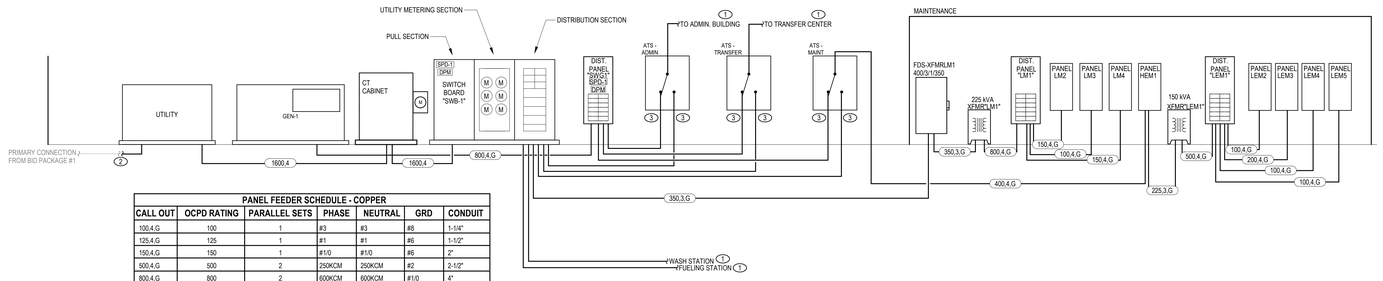
N.T.S.

KEYED NOTES:

1. BUILDING STEEL GROUNDING ELECTRODE CONDUCTOR.
2. WATER SERVICE BONDING CONDUCTOR.
3. GROUNDING ELECTRODE CONDUCTOR AND ASSOCIATED GROUND RODS.
4. MAIN BONDING JUMPER.
5. EQUIPMENT GROUND CONDUCTOR; SIZE PER NEC TABLE 250.122 OR AS SHOWN ON THE PLANS.
6. CONCRETE ENCASED ELECTRODE, MINIMUM 20'-0" LENGTH.
7. MAIN GROUND BAR BONDING CONDUCTOR; #3/0 COPPER MINIMUM OR AS SHOWN ON THE PLANS.
8. PROVIDE #2/0 COPPER JUMPER OVER WATER METER AND GROUND STRAPS FOR WATER PIPING.
9. UL LISTED EXOTHERMIC OR PERMANENT COMPRESSION STYLE CONNECTION.
10. MAIN COPPER GROUNDING ELECTRODE CONDUCTOR; SIZE PER NEC TABLE 250.66 OR AS SHOWN ON THE PLANS (#2/0 MINIMUM).
11. FURNISH AND INSTALL COUNTERPOISE SYSTEM GROUND ROD USING AN EXOTHERMIC CONNECTION. VERIFY THAT SERVICE GROUND IMPEDANCE IS LESS THAN 5 OHMS.
12. INTERCONNECTING BONDING CONDUCTOR; #3/0 COPPER MINIMUM OR AS SHOWN ON THE PLANS.
13. BONDING CONDUCTOR; #6 COPPER WITH GREEN INSULATION.
14. GROUND BAR. REFER TO DRAWINGS AND GENERAL ELECTRICAL SCHEDULE FOR MORE INFORMATION.
15. BONDING CONDUCTOR BETWEEN GROUND BAR AND DATA RACK. #6 COPPER WITH GREEN INSULATION. CONDUCTOR IS NOT REQUIRED TO BE IN CONDUIT.

GENERAL NOTES:

1. SEAL ANY HOLES IN EXTERIOR WALLS OR FOUNDATIONS. FINISH TO MATCH SURFACE.
2. SEE PLANS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. ALL CONDUCTORS TO BE ROUTED IN CONDUIT UNLESS NOTED OTHERWISE.
4. REFER TO T-SERIES DRAWINGS FOR ADDITIONAL INFORMATION ON GROUND ROD(S).



PANEL FEEDER SCHEDULE - COPPER

CALL OUT	OCPD RATING	PARALLEL SETS	PHASE	NEUTRAL	GRD	CONDUIT
100,4,G	100	1	#3	#3	#8	1-1/4"
125,4,G	125	1	#1	#1	#6	1-1/2"
150,4,G	150	1	#1/0	#1/0	#6	2"
500,4,G	500	2	250KCM	250KCM	#2	2-1/2"
800,4,G	800	2	600KCM	600KCM	#1/0	4"
1600,4,G	1600	4	600KCM	600KCM	#4/0	4"
225,3,G	250	1	#4/0		#4	2-1/2"
350,3,G	350	1	500KCM		#3	3"

KEYED NOTES:

1. REFER TO INDIVIDUAL BUILDING PLANS FOR CONDUIT AND WIRE SIZE. UTILIZE EXISTING CONDUIT AND PATHWAYS INSTALLED IN BID PACKAGE #1, EXTEND INTO BUILDINGS AS NEEDED.
2. COORDINATE EXTENSION OF FEEDER WITH UTILITY AND BID PACKAGE #1 CONDUITS.
3. COORDINATE AND MATCH CONDUIT AND WIRE SIZE TO OUTPUT OF ATS.

1 ELECTRICAL RISER DIAGRAM

N.T.S.

KED bluestone
5518 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER: 126-030
KEDbluestone RESERVES PROPRIETARY RIGHTS: INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA IN IDEN. THIS DRAWING AND DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

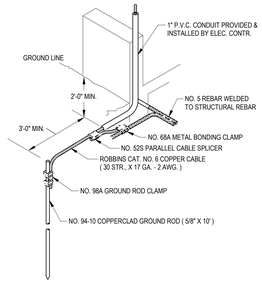
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

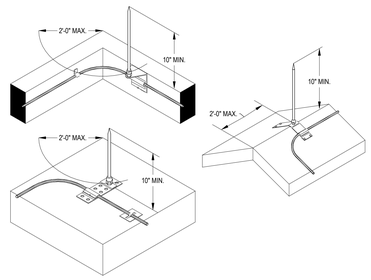
Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

ELECTRICAL DETAILS **EM501**



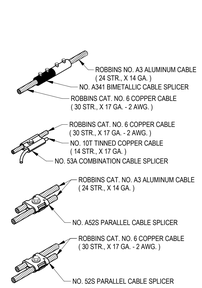
10 REBAR BOND & GROUNDING CONNECTION DETAIL
N.T.S.



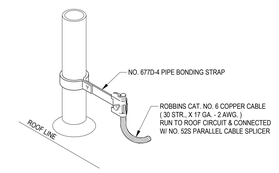
9 PLACEMENT OF AIR TERMINAL ON OUTSIDE CORNERS
N.T.S.

NOTES:

1. AIR TERMINALS MUST BE WITHIN 2' FROM AN OUTSIDE CORNER AS INDICATED, THIS WOULD APPLY TO ALL SITUATIONS. PARAPETS, FLAT ROOFS, METAL UNITS, ETC.



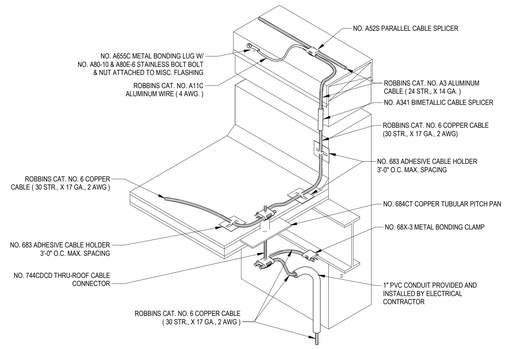
8 SPLICER DETAIL
N.T.S.



7 ROOF VENT DETAIL
N.T.S.

NOTES:

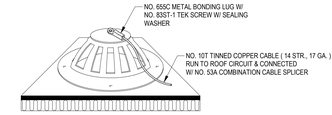
1. METAL V.T.R. WITHIN 6' OF A.L.P. CONDUCTOR BOND AS SHOWN - FIELD VERIFY THE EXACT LOCATION



6 LASHING BOND, THRU ROOF, STEEL BOND & DOWNLEAD
N.T.S.

NOTES:

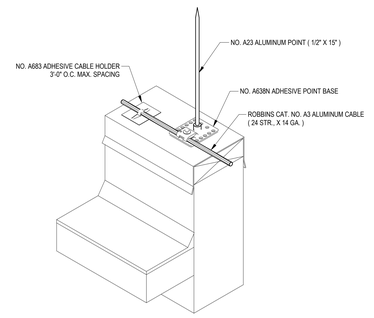
1. ROOFING CONTRACTOR TO INSTALL & SEAL ROOFING PENETRATIONS
2. ROOFING CONTRACTOR TO INSTALL PITCH PAN ON TOP OF INSULATION
3. A MINIMUM OF 2" OF THREADED ROD MUST BE LEFT ABOVE TOP OF PITCH PAN



4 ROOF DRAIN DETAIL
N.T.S.

NOTES:

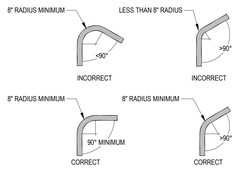
1. METAL DRAIN WITHIN 6' OF A.L.P. CONDUCTOR BOND AS SHOWN - FIELD VERIFY THE EXACT LOCATION



3 ADHESIVE BASE AIR TERMINAL DETAIL
N.T.S.

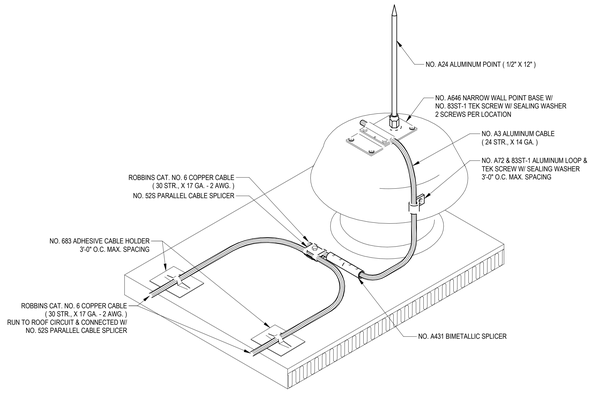
NOTES:

1. POINT BASE & CABLE HOLDER WILL BE SET WITH ADHESIVE COMPOUND COMPATIBLE TO ROOFING MATERIAL. ANY SPECIAL PADS, STRIPS, PAVER BLOCKS, ETC. TO BE SUPPLIED AND INSTALLED BY THE ROOFING CONTRACTOR.

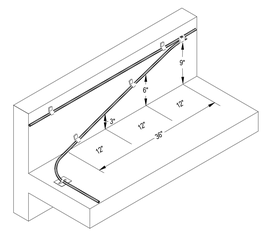


REFER TO GENERAL NOTE NO. 1 ON SHEET ONE

2 ACCEPTABLE CABLE BEND DETAIL
N.T.S.



5 EXHAUST FAN / MECHANICAL AIR TERMINAL
N.T.S.



1 3 TO 12 CABLE RISER ELEVATION
N.T.S.

CABLE MAY RUN UPHILL FROM BONDING OR AIR TERMINAL LOCATIONS NOT TO EXCEED A RATE OF 3" OF RISE PER 12" OF RUN. FASTEN CABLE EVERY 3'-0" O.C. MAXIMUM.

KED bluestone
5518 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER: CEL030
THIS DRAWING IS SUBJECT TO COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER SECTIONS 102 AND 120 OF THE COPYRIGHT ACT, AS AMENDED DECEMBER 1990. ALL COPYRIGHTS AND OTHER PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

ELECTRICAL DETAILS **EM502**

EQUIPMENT	KEDB DRAWINGS - DEVICE LOCATIONS	EQUIPMENT BY OWNER	INSTALLATION OF EQUIPMENT	INSTALLATION OF CABLE	ROUGH-IN AND PATHWAY INSTALLATION	COMMENTS
TELEPHONE SYSTEM		X				VOIP SYSTEM
WIRELESS ACCESS POINTS - EQUIPMENT	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
WIRELESS ACCESS POINT ROUGH-IN - (1) CAT 6 PLENUM CABLING	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
HORIZONTAL CABLING CAT6 PLENUM CABLE- PHONE/PRINTERS/FAX/ANALOG TYPE CABLE	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
HORIZONTAL CABLING CAT6 PLENUM FOR FLOOR BOX - NETWORK	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
HORIZONTAL CABLING CAT6 PLENUM - CAMERA	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
HORIZONTAL CABLING CAT6 PLENUM - NETWORK	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
TESTING - FIBER AND CAT6A AND LABELING				OWNERS VENDOR		OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
FIBER DISTRIBUTION CABINET	X		OWNERS VENDOR	OWNERS VENDOR		OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
RACK HORIZONTAL MANAGER	X		OWNERS VENDOR	OWNERS VENDOR		OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
RJ-45 JACKS AT WORKAREA AND IDF MODULAR PATCH PANEL	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
FACEPLATES	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
MODULAR PATCH PANEL	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
EQUIPMENT RACKS (4POST IN THE MDF AND 2POST IN IDF TYPE WITH VERTICAL /HORIZONTAL MANAGERS)	X		OWNERS VENDOR	OWNERS VENDOR		OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
COPPER PATCH CORDS AT RACK	X		OWNERS VENDOR	OWNERS VENDOR		OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
COPPER PATCH CORDS AT WORKSTATIONS	X		OWNERS VENDOR	OWNERS VENDOR		OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
BACKBONE FIBER OPTIC CABLING -TERMINATIONS BETWEEN THE MDF AND IDF ROOMS	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
FIBER PATH CORDS	X		OWNERS VENDOR	OWNERS VENDOR		OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
MDF/IDF ROOM - TELECOM TERMINAL BOARD, CONDUIT SLEEVES, OVERHEAD LADDER RACK AND GROUNDING BAR	X		EC	EC	EC	
NETWORK SWITCHES		X	BY OWNER	BY OWNER		
ROUTERS, MODEMS, PHONE EQUIPMENT, HANDSETS		X	BY OWNER	BY OWNER		
CONDUITS-J-BOXES					EC	
SERVICE PROVIDER CABLING TO THE MDF -NETWORK	X		SERVICE PROVIDER	SERVICE PROVIDER	EC	OWNER TO WORK WITH THERE PREFERRED INTEGRATOR AND COORDINATE ALL CONTRACTS OF ESTABLISHING SERVICE TO THE FACILITY
CONDUIT ROUTE FROM THE SERVICE PROVIDERS MEET ME POINT TO THE MDF IN ADMINISTRATION BUILDING. INCLUDES CONDUITS AND HANDHOLES INTO THE MDF/IDF ROOMS	X				X	
WIRED BASKET TRAY	X				EC	
MASS NOTIFICATION / PAGING SPEAKERS - INTERIOR AND EXTERIOR	X		OWNERS VENDOR	OWNERS VENDOR	EC	INFORMACAST SYSTEM FOR THE PROJECT
MASS NOTIFICATION / PAGING SYSTEM HEADEND	X		OWNERS VENDOR	OWNERS VENDOR	EC	
ACCESS CONTROL PANEL - LENEL ONGUARD	X		EC	EC	EC	
CARD READERS- DUAL AUTHENTICATIONS	X		EC	EC	EC	
CODE BLUE STATIONS INTERCOM/CAMERA PEDESTALS -CODE BLUE	X		EC	EC	EC	
ELECTRIC LATCH/STRIKES -PROVIDED BY DOOR HARDWARE INTEGRATOR	X		EC	EC	EC	
DOOR CONTACT	X		EC	EC	EC	
LOCKDOWN	X		EC	EC	EC	
REQUEST TO EXIT	X		EC	EC	EC	
PANIC ALARM SWITCHES	X		EC	EC	EC	
CCTV CAMERA SYSTEM - SOFTWARE, CAMERAS LICENSES, AND STORAGE -AVIGILON		X				
CCTV MONITOR -VIEWING STATION 55" TV	X		EC	EC	EC	
CCTV CAMERAS INTERIOR AND EXTERIOR - AVIGILON	X		EC	EC	EC	
WIRELESS CLOCK SYSTEM HEADEND	X		EC	EC	EC	OWNER CHECKING FIRST TO SEE IF ACTUALLY NEEDED. IF NEEDED THEY ARE CHECKING TO SEE IF THIS WILL BE BY THERE VENDOR OR IF IT IT NEEDES TO BE PART OF THE CONSTRUCTION DOCUMENTS
ANALOG WIRELESS CLOCKS - BATTERY TYPE	X		EC	EC	EC	
AREA OF REFUGE MASTER HEADEND AND INTERCOM BUTTON AND WIRING	X		EC	EC	EC	
TV'S AND TV MOUNTS WITH BRIGHT SIGN DIGITAL MEDIA PLAYER -DIGITAL SIGNAGE LOCATIONS, TRANSIT BUS MESSAGE BOARDS	X		EC	EC	EC	
CODE BLUE STATION INTERCOM CAMERA PEDESTAL	X		EC	EC	EC	
TRAINING ROOM AND CONFERENCE ROOM - FLOOR BOXES ONLY	X		EC	EC	EC	
TRAINING ROOM AV SYSTEM -TV'S TV MOUNTS, FRONT/REAR CAMERAS, AMPLIFER, SPEAKERS, VIDEO CONFERENCE INTERFACE (SOFT CODEC- TEAMS / ZOOM) (HDMI INPUT AND CONTROLS FRONT OF ROOM)	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
CONFERENCE ROOM AV SYSTEM -TV'S TV MOUNTS, FRONT CAMERAS, AMPLIFER, SPEAKERS, VIDEO CONFERENCE INTERFACE (SOFT CODEC- TEAMS / ZOOM) (HDMI INPUT AND CONTROLS AT CONFERENCE TABLE)	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
MEETING ROOM AV SYSTEM -CEILING PROJECTOR, CEILING PROJECTOR SCREEN, TV DISPLAYS FOR BACK OF HOUSE VIEWING, FRONT/REAR CAMERAS,AMPLIFER, SPEAKERS, VIDEO CONFERENCE INTERFACE (SOFT CODEC- TEAMS / ZOOM) (HDMI INPUT AND CONTROLS AT LECTURN)	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
TV'S AND TV MOUNTS WITH HDMI CABLING FOR PRESENTATION IN OFFICES TYPE-SIZE ROOMS -(RADIO, CALL CENTER, SAFETY OFFICER, ACCOUNTING, FINANCE, DIV MANAGER, DEPUTY DIRECTOR, DIRECTOR)	X		EC	EC	EC	
INTERCOM CAMERA/DOOR STATION AND INTERCOM MASTER STATION AT GATE ENTRANCES AND ENTRANCES INTO FACILTY - AIPHONE	X		EC	EC	EC	
UPS		X	BY OWNER			

1 TECHNOLOGY RESPONSIBILITY MATRIX
N.T.S.

KED bluestone
5518 NW 88th Street
Gainesville, FL 32653
352-331-0707
www.KEDbluestone.com

PROJECT NUMBER: 13A/B0
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHT, TO THIS DRAWING AND DATA SHOWN HEREON. SUCH DRAWING AND DATA MAY NOT BE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
OSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions.

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

ELECTRICAL DETAILS EM503

POWER SWITCH SCHEDULE

SUBSCRIPT	DESCRIPTION	MODEL
H	MANUAL TOGGLE DISCONNECT SWITCH, HORSEPOWER RATED, NEMA 1 RATED	SQUARE D SIEMENS EATON
T	24 HOUR TIMECLOCK, NEMA 1 RATED	SQUARE D SIEMENS EATON

PHOTOCELL SCHEDULE

SUBSCRIPT	DESCRIPTION	MODEL
LEX	ANALOG EXTERIOR PHOTOCELL WITH ASSOCIATED LIGHTING CONTROL SYSTEM INTERFACE, SUN HOOD, WALL MOUNT, REFER TO DIGITAL LIGHTING CONTROLS - ZONING SCHEDULE ON PLANS FOR ZONES UTILIZING EXTERIOR PHOTOCELL CONTROL	WATT STOPPER DLM ACUITY NLIGHT OR PREAPPROVED EQUAL

CORD DROP / CORD REEL SCHEDULE

SUBSCRIPT	DESCRIPTION	MODEL
CR	CORD REEL, STEEL HOUSING AND CORD REEL, SPRING TENSION TYPE, 20-AMPERE RATED. SINGLE NEMA5-20R RECEPTACLE OUTLET, MINIMUM 45' 12/3 CORD	REELCRAFT L-4545-123-3A OR PREAPPROVED EQUAL

FIRE ALARM DEVICE SCHEDULE

SYMBOL	DESCRIPTION	MODEL
FD	ADDRESSABLE FIRE ALARM MANUAL PULL STATION, DOUBLE ACTION, RED POLYCARBONATE BODY, KEY RESET, STATUS LED	AUTOCALL ADDRESSABLE SYSTEM BY JOHNSON CONTROLS
AM	ADDRESSABLE MONITOR MODULE, LED INDICATOR, SUPERVISION OF NORMALLY OPEN OR NORMALLY CLOSED CONTACT DEVICE	AUTOCALL ADDRESSABLE SYSTEM BY JOHNSON CONTROLS
AR	ADDRESSABLE RELAY MODULE, LED INDICATOR, SPDT RELAY (CONTACT RATING OF 2A AT 24VDC OR 0.5A AT 120VAC). PROVIDE ADDITIONAL RELAYS WHERE LOAD CONTROLLED EXCEEDS CONTACT RATING, LED SHALL BE VISIBLE WITH COVER INSTALLED	AUTOCALL ADDRESSABLE SYSTEM BY JOHNSON CONTROLS
SD	ADDRESSABLE SMOKE DETECTOR, PHOTOELECTRIC TYPE, STATUS LED	AUTOCALL ADDRESSABLE SYSTEM BY JOHNSON CONTROLS
RI	DUCT SMOKE DETECTOR REMOTE INDICATOR STATION WITH TEST CAPABILITY, LED INDICATOR, KEY OPERATED	AUTOCALL ADDRESSABLE SYSTEM BY JOHNSON CONTROLS
DSD	DUCT SMOKE DETECTOR, ADDRESSABLE, PHOTOELECTRIC, 300-4,000 FPM AIR VELOCITY, MINIMUM DUCT SIZE OF 8" SQUARE OR 18" ROUND, RELAY OUTPUT, TRANSPARENT COVER [NTS: ADD AN REMOTE INDICATOR IF THE DSD IS NOT VISIBLE FROM AN OCCUPIED SPACE]	AUTOCALL ADDRESSABLE SYSTEM BY JOHNSON CONTROLS
A #	FIRE ALARM AUDIO/VISUAL NOTIFICATION APPLIANCE, CEILING MOUNTED, WHITE HOUSING WITH "FIRE" MARKING, 4-WIRE, '#' IDENTIFIES CANDELA RATING: 15, 30, 75, 110	AUTOCALL ADDRESSABLE SYSTEM BY JOHNSON CONTROLS
	FIRE ALARM AUDIO/VISUAL NOTIFICATION APPLIANCE, WALL MOUNTED, RED [WHITE] HOUSING WITH "FIRE" MARKING, 4-WIRE, '#' IDENTIFIES CANDELA RATING: 15, 30, 75, 110	AUTOCALL ADDRESSABLE SYSTEM BY JOHNSON CONTROLS
WP	FIRE ALARM AUDIO/VISUAL NOTIFICATION APPLIANCE, WEATHER PROOF WALL MOUNTED, RED WHITE HOUSING WITH "FIRE" MARKING, 4-WIRE.	AUTOCALL ADDRESSABLE SYSTEM BY JOHNSON CONTROLS
FAP	FIRE ALARM CONTROL PANEL, ADDRESSABLE, SURFACE MOUNT, REFER TO SPECIFICATION SECTION 283100 FOR ADDITIONAL INFORMATION. PROVIDE DEDICATED 120V POWER [FROM LIFE SAFETY PANELBOARD] WITH HANDLE LOCK.	AUTOCALL ADDRESSABLE SYSTEM BY JOHNSON CONTROLS
FAA	FIRE ALARM REMOTE ANNUNCIATOR PANEL, LCD DISPLAY, ALARM, SUPERVISORY, AND TROUBLE ACKNOWLEDGE, ALARM SILENCE, SYSTEM RESET, KEYSWITCH FOR ACCESS CONTROL, THREE PROGRAMMABLE LED INDICATORS, BRUSHED ALUMINUM TRIM, FLUSH MOUNT AT 48" IN A RECESSED ELECTRICAL BOX	AUTOCALL ADDRESSABLE SYSTEM BY JOHNSON CONTROLS
#	FIRE ALARM VISUAL NOTIFICATION APPLIANCE, CEILING MOUNTED, WHITE HOUSING WITH "FIRE" MARKING, 2-WIRE, '#' IDENTIFIES CANDELA RATING: 15, 30, 75, 110	AUTOCALL ADDRESSABLE SYSTEM BY JOHNSON CONTROLS
#	FIRE ALARM VISUAL NOTIFICATION APPLIANCE, WALL MOUNTED, RED [WHITE] HOUSING WITH "FIRE" MARKING, 2-WIRE, '#' IDENTIFIES CANDELA RATING: 15, 30, 75, 110	AUTOCALL ADDRESSABLE SYSTEM BY JOHNSON CONTROLS
PIV	FIRE PROTECTION POST INDICATOR VALVE AND TAMPER SWITCH, FURNISHED AND INSTALLED BY F.P.C., WIRED BY E.C., INSTALL THE MONITOR MODULE INSIDE THE BUILDING AND PROVIDE CONDUIT AND WIRING TO THE PIV.	BY FIRE PROTECTION CONTRACTOR
FSD #	HVAC FIRE SMOKE DAMPER, FURNISHED AND INSTALLED BY M.C. WIRED BY E.C. TO THE FIRE ALARM FOR CONTROL UNDER FIRE ALARM CONDITIONS, '#' INDICATES UNIT AND SUCT SERVED, COORDINATE FINAL LOCATIONS WITH HVAC SHOP DRAWINGS.	FURNISHED AND INSTALLED BY M.C. WIRED BY E.C.

SPECIALTY RECEPTACLE SUBSCRIPT SCHEDULE

SUBSCRIPT	DESCRIPTION	MODEL
6-20R	NEMA 6-20R RECEPTACLE, FLUSH MOUNTED	HUBBELL HBL5461 LEVITON PASS & SEYMOUR COOPER
14-50R	NEMA 14-50R RECEPTACLE, FLUSH MOUNTED	HUBBELL HBL9450A LEVITON PASS & SEYMOUR COOPER

NEMA 5-20R RECEPTACLE SUBSCRIPT SCHEDULE

SUBSCRIPT	DESCRIPTION	MODEL
W	DUPLEX GROUND FAULT TAMPER RESISTANT RECEPTACLE, SPECIFICATION GRADE WITH DIE-CAST WEATHERPROOF COVER (WHILE IN USE), NEMA 5-20R	HUBBELL GFRS352STWP26E LEVITON PASS & SEYMOUR COOPER
TV	STEEL RECESSED TV BOX, WHITE COVER PLATE, COORDINATE EXACT MOUNTING LOCATION WITH AV CONTRACTOR PRIOR TO INSTALLATION. REFER TO TECHNOLOGY DRAWINGS FOR TV ROUGH-IN DETAIL.	ARLINGTON COVER - DVFRC ARLINGTON RECESSED 2 GANG STEEL BOX - TVBS505 FACEPLATE 2 GANG
NO SUBSCRIPT	DOUBLE DUPLEX TAMPER RESISTANT RECEPTACLE, HEAVY DUTY SPECIFICATION GRADE, NEMA 5-20R	HUBBELL (2) HBL5362 LEVITON PASS & SEYMOUR COOPER
NO SUBSCRIPT	DUPLEX TAMPER RESISTANT RECEPTACLE, HEAVY DUTY SPECIFICATION GRADE, NEMA 5-20R	HUBBELL HBL5362 LEVITON PASS & SEYMOUR COOPER
NO SUBSCRIPT	SIMPLEX TAMPER RESISTANT RECEPTACLE, HEAVY DUTY SPECIFICATION GRADE, NEMA 5-20R	HUBBELL HBL5361 LEVITON PASS & SEYMOUR COOPER
GFCI	FACELESS GFCI RECEPTACLE, 20A, 120V AC, 2 POLES, AUTO RESET, SET TEST TECHNOLOGY	HUBBELL GFBFST20 LEVITON PASS & SEYMOUR COOPER
G	DUPLEX GROUND FAULT TAMPER RESISTANT RECEPTACLE, SPECIFICATION GRADE, NEMA 5-20R	HUBBELL GFRS352ST LEVITON PASS & SEYMOUR COOPER
A	DUPLEX GROUND FAULT TAMPER RESISTANT RECEPTACLE, HEAVY DUTY SPECIFICATION GRADE, NEMA 5-20R	HUBBELL HBL5362 LEVITON PASS & SEYMOUR COOPER

CEILING MOUNTED OCCUPANCY SENSOR SCHEDULE

SUBSCRIPT	DESCRIPTION	MODEL
D1	DIGITAL OCCUPANCY SENSOR, DUAL SENSING TECHNOLOGIES (PASSIVE INFRARED AND ULTRASONIC OR MIROPHONIC). LOW VOLTAGE, CEILING MOUNT. 360 DEGREE COVERAGE, UP TO 1000 SF COVERAGE SUBSCRIPTS ON PLAN INDICATE LIGHTING ZONES CONTROLLED	WATTSTOPPER DLM ACUITY NLIGHT OR PREAPPROVED EQUAL
D2	OCCUPANCY SENSOR, DUAL TECHNOLOGY, LOW VOLTAGE, UP TO 2000 SF COVERAGE, WALL OR CEILING MOUNT	WATTSTOPPER DLM ACUITY NLIGHT OR PREAPPROVED EQUAL

ELECTRICAL CONNECTION SCHEDULE

CALLOUT	LOAD CHARACTERISTICS					PANEL AND CIRCUIT INFORMATION			
	VOLTAGE	PHASE	VA	MCA	LOAD CLASS	FED FROM	CIRCUIT	MOCP	CONDUIT & WIRE
BUS BAY 1 N DOOR	208 V	1	3512 VA	16.9 A	Motor	LEM3	17,19	30/2	3/4"C, 2#10, #10N, #10G
BUS BAY 1 S DOOR	208 V	1	3512 VA	16.9 A	Motor	LEM3	26,28	30/2	3/4"C, 2#10, #10N, #10G
BUS BAY 2 N DOOR	208 V	1	3512 VA	16.9 A	Motor	LEM3	18,20	30/2	3/4"C, 2#10, #10N, #10G
BUS BAY 2 S DOOR	208 V	1	3512 VA	16.9 A	Motor	LEM3	30,32	30/2	3/4"C, 2#10, #10N, #10G
BUS BAY 3 N DOOR	208 V	1	3512 VA	16.9 A	Motor	LEM3	21,23	30/2	3/4"C, 2#10, #10N, #10G
BUS BAY 3 S DOOR	208 V	1	3512 VA	16.9 A	Motor	LEM3	33,35	30/2	3/4"C, 2#10, #10N, #10G
BUS BAY 4 N DOOR	208 V	1	3512 VA	16.9 A	Motor	LEM3	22,24	30/2	3/4"C, 2#10, #10N, #10G
BUS BAY 4 S DOOR	208 V	1	3512 VA	16.9 A	Motor	LEM3	34,36	30/2	3/4"C, 2#10, #10N, #10G
BUS BAY 5 N DOOR	208 V	1	3512 VA	16.9 A	Motor	LM4	1,3	30/2	3/4"C, 2#10, #10N, #10G
BUS BAY 5 S DOOR	208 V	1	3512 VA	16.9 A	Motor	LM4	2,4	30/2	3/4"C, 2#10, #10N, #10G
BUS BAY 6 N DOOR	208 V	1	3512 VA	16.9 A	Motor	LM4	5,7	30/2	3/4"C, 2#10, #10N, #10G
BUS BAY 6 S DOOR	208 V	1	3512 VA	16.9 A	Motor	LM4	6,8	30/2	3/4"C, 2#10, #10N, #10G
BUS BAY 7 N DOOR	208 V	1	3512 VA	16.9 A	Motor	LM4	9,11	30/2	3/4"C, 2#10, #10N, #10G
BUS BAY 7 S DOOR	208 V	1	3512 VA	16.9 A	Motor	LM4	10,12	30/2	3/4"C, 2#10, #10N, #10G
CF-1	208 V	1	2392 VA	11.5 A	HVAC	LM4	22,24	20/2	3/4"C, 2#12, #12N, #12G
CF-2	208 V	1	2392 VA	11.5 A	HVAC	LM4	32,34	20/2	3/4"C, 2#12, #12N, #12G
CF-3	208 V	1	2392 VA	11.5 A	HVAC	LM4	27,29	20/2	3/4"C, 2#12, #12N, #12G
CF-4	208 V	1	2392 VA	11.5 A	HVAC	LM3	6,8	20/2	3/4"C, 2#12, #12N, #12G
CF-5	208 V	1	2392 VA	11.5 A	HVAC	LM3	15,17	20/2	3/4"C, 2#12, #12N, #12G
CF-6	208 V	1	2392 VA	11.5 A	HVAC	LM2	15,17	20/2	3/4"C, 2#12, #12N, #12G
CF-7	208 V	1	2392 VA	11.5 A	HVAC	LM2	19,21	20/2	3/4"C, 2#12, #12N, #12G
CF-8	208 V	1	2392 VA	11.5 A	HVAC	LEM4	31,33	20/2	3/4"C, 2#12, #12N, #12G
CF-9	208 V	1	2392 VA	11.5 A	HVAC	LEM4	25,27	20/2	3/4"C, 2#12, #12N, #12G
CF-10	208 V	1	2392 VA	11.5 A	HVAC	LEM4	30,32	20/2	3/4"C, 2#12, #12N, #12G
CF-11	208 V	1	2392 VA	11.5 A	HVAC	LEM4	17,19	20/2	3/4"C, 2#12, #12N, #12G
CP-1	120 V	1	660 VA	5.5 A	HVAC	LEM2	14	20/1	3/4"C, 1#12, #12N, #12G
CU-1	208 V	1	3952 VA	19.0 A	HVAC	LEM2	6,8	30/2	3/4"C, 2#10, #10N, #10G
CU-2	208 V	1	5408 VA	26.0 A	HVAC	LEM2	11,13	40/2	3/4"C, 2#8, #8N, #10G
CU-3	208 V	1	3952 VA	19.0 A	HVAC	LEM2	10,12	30/2	3/4"C, 2#10, #10N, #10G
CUH-1	208 V	1	3750 VA	18.0 A	HVAC	LEM2	20,22	30/2	3/4"C, 2#10, #10N, #10G
EF-1	120 V	1	870 VA	7.3 A	HVAC	LEM2	1	20/1	3/4"C, 1#12, #12N, #12G
EF-2	208 V	1	4160 VA	20.0 A	HVAC	LEM3	29,31	30/2	3/4"C, 2#10, #10N, #10G
EF-3	208 V	1	650 VA	3.1 A	HVAC	LEM3	25,27	20/2	3/4"C, 2#12, #12N, #12G
EF-4	208 V	1	2392 VA	11.5 A	HVAC	LEM5	18,20	20/2	3/4"C, 2#12, #12N, #12G
EF-5	208 V	1	650 VA	3.1 A	HVAC	LEM5	14,16	20/2	3/4"C, 2#12, #12N, #12G
EF-6	208 V	1	1456 VA	7.0 A	HVAC	LEM2	15,17	20/2	3/4"C, 2#12, #12N, #12G
EF-7	120 V	1	660 VA	5.5 A	HVAC	LEM2	23	20/1	3/4"C, 1#12, #12N, #12G
EF-8	120 V	1	660 VA	5.5 A	HVAC	LEM3	47	20/1	3/4"C, 1#12, #12N, #12G
EF-9	208 V	1	650 VA	3.1 A	HVAC	LEM3	14,16	20/2	3/4"C, 2#12, #12N, #12G
F-1	120 V	1	200 VA	1.7 A	HVAC	LEM2	3	20/1	3/4"C, 1#12, #12N, #12G
F-2	120 V	1	200 VA	1.7 A	HVAC	LEM2	4	20/1	3/4"C, 1#12, #12N, #12G
F-3	120 V	1	200 VA	1.7 A	HVAC	LEM2	2	20/1	3/4"C, 1#12, #12N, #12G
FD-10	208 V	3	54039 VA	150.0 A	Motor	LM1	5	200/3	2"C, 3-3/0, 3/0N, #6G
FD-10	208 V	3	54039 VA	150.0 A	Motor	LM1	4	200/3	2"C, 3-3/0, 3/0N, #6G
GWH-1	120 V	1	200 VA	1.7 A	HVAC	LEM2	5	20/1	3/4"C, 1#12, #12N, #12G
GWH-2	120 V	1	200 VA	1.7 A	HVAC	LEM2	16	20/1	3/4"C, 1#12, #12N, #12G
MR-17 CAR LIFT	208 V	1	3588 VA	17.3 A	Motor	LM3	10,12	30/2	3/4"C, 2#10, #10N, #10G
MR-18 CAR LIFT	208 V	1	3588 VA	17.3 A	Motor	LM3	14,16	30/2	3/4"C, 2#10, #10N, #10G
MS-1	120 V	1	1409 VA	6.8 A	Motor	LM2	3	20/1	3/4"C, 1#12, #12N, #12G
MS-2	208 V	3	3600 VA	10.0 A	Motor	LM2	18,20,22	20/3	3/4"C, 3#12, #12N, #12G
MS-4	208 V	3	3600 VA	10.0 A	Motor	LM2	9,11,13	20/3	3/4"C, 3#12, #12N, #12G
MS-5	120 V	1	225 VA	1.9 A	Motor	LM2	2	20/1	3/4"C, 1#12, #12N, #12G
MS-7	120 V	1	1785 VA	14.9 A	Motor	LM2	1	20/1	3/4"C, 1#12, #12N, #12G
MS-9	208 V	3	11400 VA	31.6 A	Power	LM2	4,6	70/2	1"C, 2#4, #4N, #6G
MS-12	480 V	3	6500 VA	7.8 A	Motor	HEM1	9,11,13	20/3	3/4"C, 3#12, #12N, #12G
PLUMBING SENSOR TRANSFORMER	120 V	1	50 VA	0.4 A	HVAC	LEM4	28	20/1	3/4"C, 1#12, #12N, #12G
PLUMBING SENSOR TRANSFORMER	120 V	1	50 VA	0.4 A	HVAC	LEM4	12	20/1	3/4"C, 1#12, #12N, #12G
PS-2 ELECTRIC FORKLIFT	480 V	3	14653 VA	17.6 A	HVAC	SWB1	4	30/3	3/4"C, 3#10, #10N, #10G
RECEIVING BAY DOOR	208 V	1	3512 VA	16.9 A	Motor	LEM4	2,4	30/2	3/4"C, 2#10, #10N, #10G
RTH-1	120 V	1	720 VA	6.0 A	HVAC	LEM3	38	20/1	3/4"C, 1#12, #12N, #12G
RTH-2	120 V	1	720 VA	6.0 A	HVAC	LEM3	40	20/1	3/4"C, 1#12, #12N, #12G
RTH-3	120 V	1	720 VA	6.0 A	HVAC	LEM3	41	20/1	3/4"C, 1#12, #12N, #12G
RTH-4	120 V	1	720 VA	6.0 A	HVAC	LEM3	42	20/1	3/4"C, 1#12, #12N, #12G
RTH-5	120 V	1	720 VA	6.0 A	HVAC	LEM3	39	20/1	3/4"C, 1#12, #12N, #12G
RTH-6	120 V	1	720 VA	6.0 A	HVAC	LEM3	37	20/1	3/4"C, 1#12, #12N, #12G
RTH-7	120 V	1	720 VA	6.0 A	HVAC	LEM5	8	20/1	3/4"C, 1#12, #12N, #12G
RTH-8	120 V	1	720 VA	6.0 A	HVAC	LEM5	15	20/1	3/4"C, 1#12, #12N, #12G
SHOP AREA BAY DOOR	208 V	1	1125 VA	5.4 A	Motor	LEM2	25,27	20/2	3/4"C, 2#12, #12N, #12G
SHOP AREA BAY DOOR	208 V	1	1125 VA	0.0 A	Motor	LEM2	29,31	20/2	3/4"C, 2#12, #12N, #12G
SSAC-1	208 V	1	0 VA	0.0 A	HVAC	LEM2	7,9	50/2	3/4"C, 2#6, #6N, #10G
SSAC-2	208 V	1	0 VA	0.0 A	HVAC	LEM3	43,45	30/2	3/4"C, 2#10, #10N, #10G
SSAC-3	208 V	1	0 VA	0.0 A	HVAC	LEM3	43,45	30/2	3/4"C, 2#10, #10N, #10G
SSCU-1	208 V	1	7072 VA	34.0 A	HVAC	LEM2	7,9	50/2	3/4"C, 2#6, #6N, #10G
SSCU-2	208 V	1	4576 VA	22.0 A	HVAC	LEM3	43,45	30/2	3/4"C, 2#10, #10N, #10G
SV BAY 1 DOOR	208 V	1	1125 VA	5.4 A	Motor	LEM5	7,9	20/2	3/4"C, 2#12, #12N, #12G
SV BAY 2 DOOR	208 V	1	1125 VA	5.4 A	Motor	LEM5	17,19	20/2	3/4"C, 2#12, #12N, #12G
SV BAY 3 DOOR	208 V	1	1125 VA	5.4 A	Motor	LEM5	7,9	20/2	3/4"C, 2#12, #12N, #12G
SV BAY 4 DOOR	208 V	1	1125 VA	5.4 A	Motor	LEM5	17,19	20/2	3/4"C, 2#12, #12N, #12G
SV BAY 5 DOOR	208 V	1	1125 VA	5.4 A	Motor	LEM5	11,13	20/2	3/4"C, 2#12, #12N, #12G
SV BAY 6 DOOR	208 V	1	1125 VA	5.4 A	Motor	LEM5	10,12	20/2	3/4"C, 2#12, #12N, #12G
SV BAY 7 DOOR	208 V	1	1125 VA	5.4 A	Motor	LEM5	11,13	20/2	3/4"C, 2#12, #12N, #12G
SV BAY 8 DOOR	208 V	1	1125 VA	5.4 A	Motor	LEM5	10,12	20/2	3/4"C, 2#12, #12N, #12G
TIRE STORAGE BAY DOOR	208 V	1	1125 VA	5.4 A	Motor	LEM4	5,7	20/2	3/4"C, 2#12, #12N, #12G
TOOL STORAGE BAY DOOR	208 V	1	1125 VA	5.4 A	Motor	LEM2	24,26	20/2	3/4"C, 2#12, #12N, #12G
TS-1	208 V	1	3900 VA	18.8 A	Motor	LEM4	20,22	30/2	3/4"C, 2#10, #10N, #10G

SWITCH SUBSCRIPT SCHEDULE

SUBSCRIPT	DESCRIPTION	MODEL
3	SINGLE POLE THREE WAY SWITCH, COMMERCIAL GRADE, 20 AMP	WATTSTOPPER CS20AC1W ACUITY NLIGHT OR PREAPPROVED EQUAL
4	SINGLE POLE FOUR WAY SWITCH, COMMERCIAL GRADE, 20 AMP	COOPER HUBBELL LEVITON PASS & SEYMOUR
L	DIGITAL LOW VOLTAGE WALL STATION, SINGLE ZONE ON/OFF MANUAL CONTROL, LED STATUS LIGHT	WATTSTOPPER DLM ACUITY NLIGHT OR PREAPPROVED EQUAL
LD	DIGITAL LOW VOLTAGE WALL STATION, SINGLE ZONE ON/OFF AND RAISE/LOWER MANUAL CONTROL, LED STATUS LIGHT	WATTSTOPPER DLM ACUITY NLIGHT OR PREAPPROVED EQUAL
LM	LOW VOLTAGE WALL STATION WITH INTEGRAL OCCUPANCY SENSOR, DUAL SENSING TECHNOLOGIES (PASSIVE INFRARED AND ULTRASONIC OR MICROPHONIC), SINGLE ZONE ON/OFF MANUAL CONTROL, LED STATUS LIGHT	WATTSTOPPER LMDW-101 ACUITY NLIGHT OR PREAPPROVED EQUAL
LP	LOW VOLTAGE WALL STATION WITH INTEGRAL OCCUPANCY SENSOR, PASSIVE INFRARED, SINGLE ZONE OF ON/OFF MANUAL CONTROL, LED STATUS LIGHT	WATTSTOPPER LMPW-101 ACUITY NLIGHT OR PREAPPROVED EQUAL
NO SUBSCRIPT	SINGLE POLE SWITCH, COMMERCIAL GRADE, 20 AMP	WATTSTOPPER CS20AC1W ACUITY NLIGHT OR PREAPPROVED EQUAL
W	WET LISTED SINGLE POLE SWITCH, COMMERCIAL GRADE, 20 AMP	COOPER HUBBELL LEVITON PASS & SEYMOUR OR PREAPPROVED EQUAL

GENERAL ELECTRICAL SCHEDULE

SYMBOL	DESCRIPTION	MANUFACTURER
	CONNECTION TO MECHANICAL EQUIPMENT	MOTOR/EQUIPMENT FURNISHED AND INSTALLED BY MECHANICAL OR PLUMBING CONTRACTOR
	ELECTRICAL CONNECTION TO MISC. EQUIPMENT	EQUIPMENT FURNISHED AND INSTALLED BY OTHERS
SWITCHBOARD 'SWB-1'	SWITCHBOARD, SERVICE ENTRANCE RATED, FLOOR MOUNTED, 480/277V. 3-PHASE, NEMA 3R HOUSING, REFER TO ONE LINE DIAGRAM AND SCHEDULES FOR DETAILS	SQUARE D QED-2 OR PREAPPROVED EQUAL
DIST. PANEL 'SWG-1'	DISTRIBUTION PANEL, 480/277V, 3-PHASE, 4-WIRE, NEMA 1 HOUSING, REFER TO ONE-LINE DIAGRAM FOR DETAILS	SQUARE D I-LINE OR PREAPPROVED EQUAL
PANEL 'HM1', 'HM2', 'HEM1'	BRANCH CIRCUIT PANELBOARD, 480/277V, 3-PHASE, 4-WIRE, NEMA 1 HOUSING, REFER TO PANEL SCHEDULES FOR DETAILS	SQUARE D NF OR PREAPPROVED EQUAL
PANEL 'LM1', 'LM2', 'LM3', 'LM4', 'LEM1', 'LEM2', 'LEM3', 'LEM4' 'LEM5'	BRANCH CIRCUIT PANELBOARD, 208/120V, 3-PHASE, 4-WIRE, NEMA 1 HOUSING, REFER TO PANEL SCHEDULES FOR DETAILS	SQUARE D NQ OR PREAPPROVED EQUAL
XFMR-'LM1'	DRY-TYPE TRANSFORMER, DOE 2016 COMPLIANT, 225 KVA, 480V PRIMARY, 208/120V SECONDARY, 6 TAPS (2+, 4-), ALUMINUM WINDINGS, 150 DEGREE C TEMP RISE, MOUNT ON 3-1/2" CONCRETE HOUSEKEEPING PAD, NEMA 1 ENCLOSURE	SQUARE D EXN225T3H OR PREAPPROVED EQUAL
XFMR-'LEM1'	DRY-TYPE TRANSFORMER, DOE 2016 COMPLIANT, 150 KVA, 480V PRIMARY, 208/120V SECONDARY, 6 TAPS (2+, 4-), ALUMINUM WINDINGS, 150 DEGREE C TEMP RISE, MOUNT ON 3-1/2" CONCRETE HOUSEKEEPING PAD, NEMA 1 RATED	SQUARE D EXN150T3H OR PREAPPROVED EQUAL
SPD-1	SURGE PROTECTION DEVICE, EXTERNALLY MOUNTED, NON-MODULAR BRICK, 480/277 V, 3-PHASE, 4-WIRE + GRD SERVICE, 200 KAIC SURGE CURRENT RATING PER PHASE, 200K SCCR, SUITABLE FOR SERVICE ENTRANCE DOWNSTREAM OF SERVICE DISCONNECT, UL 1449 TYPE 2, ANSI/IEEE C62.41 CATEGORY C	SQUARE D SURGELOGIC EMB SERIES OR PREAPPROVED EQUAL
DPM	DIGITAL POWER METER, LCD DISPLAY, MONITORING OF VOLTAGE, CURRENT, POWER, PF, FREQUENCY, MINIMAX AND AVERAGE VALUES, AND ENERGY	SQUARE D PM5500 SERIES OR PREAPPROVED EQUAL
CT CABINET	CURRENT TRANSFORMER CABINET, COORDINATE WITH UTILITY	AMERICAN MIDWEST POWER OR AS APPROVED BY UTILITY
PT CABINET	POTENTIAL TRANSFORMER CABINET, COORDINATE WITH UTILITY	AMERICAN MIDWEST POWER OR AS APPROVED BY UTILITY
METER	METER SOCKET, COORDINATE WITH UTILITY	MILBANK AMERICAN MIDWEST POWER
DS-XXX A/B/C	DISCONNECT SWITCH, HEAVY DUTY, SIZE INDICATED ON PLANS (A/B/C) WHERE A = RATING IN AMPS, B = NUMBER OF POLES, C = NEMA RATING (E.G. 1 = NEMA 1), XXX = NAME OF LOAD SERVED	SQUARE D CLASS 3110 EATON SIEMENS OR PREAPPROVED EQUAL
FDS-XXX A/B/C/D	FUSIBLE DISCONNECT SWITCH, HEAVY DUTY, SIZE INDICATED ON PLANS (A/B/C) WHERE A = RATING IN AMPS, B = NUMBER OF POLES, C = NEMA RATING (E.G. 1 = NEMA 1), D = FUSE SIZE IN AMPS, XXX = NAME OF LOAD SERVED, PROVIDE FUSES OF RATING PER MFR RECOMMENDATION	SQUARE D CLASS 3110 EATON SIEMENS OR PREAPPROVED EQUAL
MS-XXX A/B/C	HORSEPOWER RATED MANUAL SWITCH, SIZE INDICATED ON PLANS (A/B/C) WHERE A = RATING IN AMPS, B = NUMBER OF POLES, C = NEMA RATING (E.G. 1 = NEMA 1), XXX = NAME OF LOAD SERVED, RED PILOT LIGHT	SQUARE D CLASS 2510 EATON SIEMENS OR PREAPPROVED EQUAL
CS-XXX A/B/C/D	COMBINATION STARTER CONTAINING FUSED DISCONNECT SWITCH AND NON-REVERSING NEMA STARTER (MINIMUM SIZE 0), VOLTAGE PER PLANS, XXX = NAME OF LOAD SERVED, HAND-OFF-AUTO AND RED "RUN" PILOT LIGHT IN DOOR, A = FDS RATING IN AMPS, B = FDS NUMBER OF POLES, C = NEMA RATING, D = STARTER SIZE	SQUARE D CLASS 8502 EATON SIEMENS OR PREAPPROVED EQUAL
VFD-XX	VARIABLE FREQUENCY DRIVE	PROVIDED BY ATC, INSTALLED BY EC
GEN-1	EXISTING OWNER-FURNISHED GENERATOR TO BE RELOCATED AND RECONNECTED BY THE CONTRACTOR. RECONFIGURE ALTERNATOR FOR 277/480V, 3-PHASE OUTPUT. PROVIDE AND INSTALL (1) 400A, 3-POLE GENERATOR OUTPUT CIRCUIT BREAKER. EXISTING WEATHERPROOF ENCLOSURE TO BE REUSED. GENERATOR IS PROVIDED WITH AN EXISTING 944-GALLON SUBBASE FUEL TANK; CONTRACTOR SHALL FURNISH AND FILL TANK WITH DIESEL FUEL PRIOR TO FINAL ACCEPTANCE. NO ACCESSORY PANEL IS INCLUDED. CONTRACTOR RESPONSIBLE FOR DECOMMISSIONING AND RELOCATING FROM 1515 WEST FAIRFIELD DRIVE, PENSACOLA, FLORIDA 32501. CONTRACTOR SHALL ALSO PERFORM MANUFACTURER CONFIRMED ACCEPTABLE REWIRING OF ALTERNATOR TO 480V. REFER TO SPECIFICATIONS FOR ADDITIONAL GENERATOR INFORMATION, REQUIREMENTS, ACCESSORIES, TESTING, AND INSTALLATION CRITERIA.	EXISTING KOHLER TO BE RELOCATED
GAP	GENERATOR ANNUNICATOR PANEL, RECESS MOUNT IN STAINLESS STEEL ENCLOSURE, NFPA 110 REMOTE ALARM ANNUNCIATION	KOHLER
PP	AUTOMATIC DOOR PUSH PAD, PROVIDE SINGLE GANG OPENING AT 42" AFF WITH 1/2" CONDUIT TO THE POWER OPERATOR, REFER TO DOOR HARDWARE SUBMITTALS FOR ADDITIONAL INFORMATION	FURNISHED BY OTHERS, ROUGH IN BY EC
ATS-MAINT ATS-TRANSFER	AUTOMATIC TRANSFER SWITCH, 400A/4P, 480V. OPEN TRANSITION, 4 POLE, NEMA 1 ENCLOSURE, SERVICE ENTRANCE RATED, STANDARD ACCESSORIES AND INDICATOR LIGHTS 2 SETS OF AUXILIARY CONTACTS	KOHLER
ATS-ADMIN	AUTOMATIC TRANSFER SWITCH, 600A/4P, 480V. OPEN TRANSITION, 4 POLE, NEMA 3R ENCLOSURE, SERVICE ENTRANCE RATED, STANDARD ACC

DISTRIBUTION PANELBOARD: SWB1

LOCATION: MECH YARD 224
MOUNTING: FLOOR
ENCLOSURE: NEMA 3R
FED FROM: UTILITY XFMR

VOLTAGE: 480/277 Wye
PHASE: 3
WIRE: 4
LUGS: Standard

MAIN DEVICE: MCB 1600A
BUS RATING: 1,600
NEUTRAL RATING: 100%
A.I.C. RATING: 25000

CKT #	CIRCUIT DESCRIPTION	A	B	C	FRAME	TRIP	POLES	FEEDER RACEWAY & CONDUCTORS	NOTES
1	PANEL HF1 THROUGH GDS-1	7.1	5.4	8.6	400 A	150 A	3	REFER TO RISER	
2	PANEL HW1	56	54.5	52.1	400 A	300 A	3	REFER TO RISER	
3	XFMR-LM1	67.7	68.3	66.9	350 A	350 A	3	REFER TO RISER	
4	PS-2 ELECTRIC FORKLIFT	4.9	4.9	4.9	30 A	30 A	3	3/4"C, 3#10, #10N, #10G	
5	ATS-MAINT	56.6	54.1	42.9	400 A	400 A	3	REFER TO RISER	
6	ATS - TRANSFER	14.3	24.5	19.1	400 A	250 A	3	REFER TO RISER	
7	ATS - ADMIN	114.9	109.3	102.7	600 A	600 A	3	REFER TO RISER	
8	SPD-1	0	0	0	400 A	60 A	3		
9	6" PREPARED SPACE	--	--	--	--	--	3		
10	6" PREPARED SPACE	--	--	--	--	--	3		
11	6" PREPARED SPACE	--	--	--	--	--	3		
12									
	TOTAL CONNECTED KVA BY PHASE	321.4 kVA	320.9 kVA	297.2 kVA					
	TOTAL CONNECTED AMPS BY PHASE	1174 A	1172 A	1072.8 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	CALCULATED LOAD	PANELBOARD TOTALS
HVAC	89343 VA	100.00%	89343 VA	
LIGHTING	13732 VA	125.00%	17165 VA	**TOTAL CONNECTED KVA** 939.5 kVA
Motor	202453 VA	100.00%	202453 VA	**TOTAL CALCULATED KVA** 928.7 kVA
Other	600 VA	100.00%	600 VA	
Receptacle	38700 VA	62.92%	24350 VA	**TOTAL CONNECTED AMPS** 1130.1 A
Spare	582356 VA	100.00%	582356 VA	**TOTAL CALCULATED AMPS** 1117.1 A
Power	11900 VA	100.00%	11900 VA	
Lighting - Interior	1599 VA	125.00%	1999 VA	

NOTES:

DISTRIBUTION PANELBOARD: LM1

LOCATION: MECHANICAL / FACILITY...
MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: XFMR-LM1

VOLTAGE: 208/120 Wye
PHASE: 3
WIRE: 4
LUGS: Standard

MAIN DEVICE: MCB 800A
BUS RATING: 800
NEUTRAL RATING: 100%
A.I.C. RATING: 10000

CKT #	CIRCUIT DESCRIPTION	A	B	C	FRAME	TRIP	POLES	FEEDER RACEWAY & CONDUCTORS	NOTES
1	LM4	15.3	14.3	14.6	150 A	150 A	3	2-1/2"C, 3-4/0, 4/0N, #4G	
2	LM3	3.9	5.5	4.7	100 A	100 A	3	1-1/2"C, 3#1, #1N, #8G	
3	LM2	12.5	12.5	11.5	150 A	150 A	3	2-1/2"C, 3-4/0, 4/0N, #4G	
4	FD-10	18	18	18	200 A	200 A	3	2"C, 3-3/0, 3/0N, #6G	
5	FD-10	18	18	18	200 A	200 A	3	2"C, 3-3/0, 3/0N, #6G	
6	6" PREPARED SPACE	--	--	--	--	--	3		
7	6" PREPARED SPACE	--	--	--	--	--	3		
8	6" PREPARED SPACE	--	--	--	--	--	3		
9	6" PREPARED SPACE	--	--	--	--	--	3		
10	6" PREPARED SPACE	--	--	--	--	--	3		
	TOTAL CONNECTED KVA BY PHASE	67.7 kVA	68.3 kVA	66.9 kVA					
	TOTAL CONNECTED AMPS BY PHASE	565 A	571 A	557.2 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	CALCULATED LOAD	PANELBOARD TOTALS
HVAC	16744 VA	100.00%	16744 VA	
Motor	146945 VA	100.00%	146945 VA	**TOTAL CONNECTED KVA** 202.9 kVA
Receptacle	23180 VA	71.57%	16590 VA	**TOTAL CALCULATED KVA** 196.3 kVA
Spare	4600 VA	100.00%	4600 VA	
Power	11400 VA	100.00%	11400 VA	**TOTAL CONNECTED AMPS** 563.1 A
				TOTAL CALCULATED AMPS 544.8 A

NOTES:

BRANCH PANELBOARD: LM2

LOCATION: CORRIDOR 124
MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: LM1

VOLTAGE: 208/120 Wye
PHASE: 3
WIRE: 4
LUGS: Standard

MAIN DEVICE: MLO
BUS RATING: 225
NEUTRAL RATING: 100%
A.I.C. RATING: 10000

CKT #	CKT BKR A / P		NOTES	CIRCUIT DESCRIPTION	A		B		C		CIRCUIT DESCRIPTION	NOTES	CKT BKR P / A		CKT #
1	20 A	1		MS-7, RECEPTACLE	1.8	0.2					MS-5, RECEPTACLE		1	20 A	2
3	20 A	1		MS-1, RECEPTACLE			1.4	3.8			MS-9		2	70 A	4
5	20 A	1		RECEPTACLE					1.1	3.8					6
7	20 A	1		RECEPTACLE	0.7	0.5					RECEPTACLE		1	20 A	8
9							1.2	0.4			Receptacle, RECEPTACLE		1	20 A	10
11	20 A	3		MS-4					1.2	0.7	RECEPTACLE		1	20 A	12
13					1.2	0.4					RECEPTACLE		1	20 A	14
15							1.2	0.4			RECEPTACLE		1	20 A	16
17	20 A	2		CF-6					1.2	1.2					18
19					1.2	1.2					MS-2		3	20 A	20
21	20 A	2		CF-7			1.2	1.2							22
23	20 A	1		RECEPTACLE					1.4	0.7	RECEPTACLE		1	20 A	24
25	20 A	1		RECEPTACLE	0.2	1.3					RECEPTACLE		1	20 A	26
27	20 A	1		RECEPTACLE			0.5	1.3			RECEPTACLE		1	20 A	28
29	20 A	1		RECEPTACLE					0.2	0	RECEPTACLE		1	20 A	30
31	20 A	1		SPARE	0	0					SPARE		1	20 A	32
33	20 A	1		SPARE			0	0			SPARE		1	20 A	34
35	20 A	1		SPARE					0	0	SPARE		1	20 A	36
37	20 A	1		SPARE	0	0					SPARE		1	20 A	38
39	20 A	1		SPARE			0	0			SPARE		1	20 A	40
41	20 A	1		SPARE					0	0	SPARE		1	20 A	42
43	20 A	1		SPARE	0	0					SPARE		1	20 A	44
45	20 A	1		SPARE			0	0			SPARE		1	20 A	46
47	20 A	1		SPARE					0	0	SPARE		1	20 A	48
49	20 A	1		SPARE	0	0					SPARE		1	20 A	50
51			1	SPACE			--	--			SPACE		1	--	52
53	--	1		SPACE					--	--	SPACE		1	--	54
				TOTAL CONNECTED KVA BY PHASE	12.5 kVA		12.5 kVA		11.5 kVA						
				TOTAL CONNECTED AMPS BY PHASE	105.1 A		105.6 A		95.8 A						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	CALCULATED LOAD	PANELBOARD TOTALS
HVAC	4784 VA	100.00%	4784 VA	
Motor	10619 VA	100.00%	10619 VA	**TOTAL CONNECTED KVA** 36.5 kVA
Receptacle	9680 VA	100.00%	9680 VA	**TOTAL CALCULATED KVA** 36.5 kVA
Power	11400 VA	100.00%	11400 VA	
				TOTAL CONNECTED AMPS 101.3 A
				TOTAL CALCULATED AMPS 101.3 A

NOTES:

BRANCH PANELBOARD: LM3

LOCATION: SV BAY 6 166
MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: LM1

VOLTAGE: 208/120 Wye
PHASE: 3
WIRE: 4
LUGS: Standard

MAIN DEVICE: MLO
BUS RATING: 100
NEUTRAL RATING: 100%
A.I.C. RATING: 10000

CKT #	CKT BKR A / P		NOTES	CIRCUIT DESCRIPTION	A		B		C		CIRCUIT DESCRIPTION	NOTES	CKT BKR P / A		CKT #
1	20 A	1		RECEPTACLE	0.2	0.2					RECEPTACLE		1	20 A	2
3	20 A	1		Receptacle			0.2	0.2			Receptacle		1	20 A	4
5	20 A	1		CORD REEL					0.4	1.2	CF-4		2	20 A	6
7	20 A	1		CORD REEL	0.4	1.2									8
9	20 A	1		CORD REEL			0.4	1.8			MR-17 CAR LIFT		2	30 A	10
11	20 A	1		Receptacle					0.2	1.8					12
13	20 A	1		Receptacle	0.2	1.8					MR-18 CAR LIFT		2	30 A	14
15	20 A	2		CF-5			1.2	1.8							16
17									1.2	0	SPARE		1	20 A	18
19	20 A	1		SPARE	0	0					SPARE		1	20 A	20
21	20 A	1		SPARE			0	0			SPARE		1	20 A	22
23	20 A	1		SPARE					0	0	SPARE		1	20 A	24
25	20 A	1		SPARE	0	0					SPARE		1	20 A	26
27	20 A	1		SPARE			0	0			SPARE		1	20 A	28
29	20 A	1		SPARE					0	0	SPARE		1	20 A	30
31	20 A	1		SPARE	0	0					SPARE		1	20 A	32
33	20 A	1		SPARE			0	0			SPARE		1	20 A	34
35	20 A	1		SPARE					0	0	SPARE		1	20 A	36
37	20 A	1		SPARE	0	0					SPARE		1	20 A	38
39	--	1		SPACE			--	--			SPACE		1	--	40
41	--	1		SPACE					--	--	SPACE		1	--	42
				TOTAL CONNECTED KVA BY PHASE	3.9 kVA		5.5 kVA		4.7 kVA						
				TOTAL CONNECTED AMPS BY PHASE	32.4 A		46.9 A		40.5 A						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	CALCULATED LOAD	PANELBOARD TOTALS
HVAC	4784 VA	100.00%	4784 VA	
Motor	7176 VA	100.00%	7176 VA	**TOTAL CONNECTED KVA** 14.1 kVA
Receptacle	2160 VA	100.00%	2160 VA	**TOTAL CALCULATED KVA** 14.1 kVA
				TOTAL CONNECTED AMPS 39.2 A
				TOTAL CALCULATED AMPS 39.2 A

NOTES:

BRANCH PANELBOARD: LM4

LOCATION: BUS BAY 6 156
MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: LM1

VOLTAGE: 208/120 Wye
PHASE: 3
WIRE: 4
LUGS: Standard

MAIN DEVICE: MLO
BUS RATING: 225
NEUTRAL RATING: 100%
A.I.C. RATING: 10000

CKT #	CKT BKR A / P		NOTES	CIRCUIT DESCRIPTION	A		B		C		CIRCUIT DESCRIPTION	NOTES	CKT BKR P / A		CKT #
1	30 A	2		BUS BAY 5 N DOOR	1.8	1.8					BUS BAY 5 S DOOR		2	30 A	2
3							1.8	1.8							4
5	30 A	2		BUS BAY 6 N DOOR					1.8	1.8	BUS BAY 6 S DOOR		2	30 A	6
7					1.8	1.8									8
9	30 A	2		BUS BAY 7 N DOOR			1.8	1.8			BUS BAY 7 S DOOR		2	30 A	10
11									1.8	1.8					12
13	20 A	1		RECEPTACLE	0.4	0.4					CORD REEL		1	20 A	14
15	20 A	1		CORD REEL			0.4	0.4			CORD REEL		1	20 A	16
17	20 A	1		RECEPTACLE					0.2	1.2	RECEPTACLE	ST	1	20 A	18
19	20 A	1	ST	RECEPTACLE	1.2	--					SHUNT TRIP SPACE		1	--	20
21	--	1		SHUNT TRIP SPACE			--	1.2			CF-1		2	20 A	22
23	20 A	1	ST	RECEPTACLE					1.2	1.2					24
25	--	1		SHUNT TRIP SPACE	--	0.5					RECEPTACLE		1	20 A	26
27	20 A	2		CF-3			1.2	0.2			RECEPTACLE		1	20 A	28
29									1.2	0.4	CORD REEL		1	20 A	30
31	20 A	1	ST	RECEPTACLE	1.2	1.2					CF-2		2	20 A	32
33	--	1		SHUNT TRIP SPACE			--	1.2							34
35	20 A	1	ST	RECEPTACLE					1.2	0.2	Receptacle		1	20 A	36
37	--	1		SHUNT TRIP SPACE	--	0.2					Receptacle		1	20 A	38
39	20 A	1	ST	RECEPTACLE			1.2	0.2			Receptacle		1	20 A	40
41	--	1		SHUNT TRIP SPACE					--	0.2	Receptacle		1	20 A	42
43	20 A	1		RECEPTACLE	0.4	1					PEDESTRIAN GATE		2	20 A	44
45	20 A	1		RECEPTACLE			0.2	1							46
47	20 A	1		RECEPTACLE					0.2	0.2	CAMERA POWER		1	20 A	48
49	20 A	1		CAMERA POWER	0.2	1					MOTORIZED GATE		2	20 A	50
51	20 A	1		CAMERA POWER			0.2	1							52
53	20 A	1		SPARE					0	0	SPARE		1	20 A	54
55	20 A	1		SPARE	0	0					SPARE		1	20 A	56
57	--	1		SPACE			--	--			SPACE		1	--	58
59	--	1		SPACE					--	--	SPACE		1	--	60
				TOTAL CONNECTED KVA BY PHASE	14.6 kVA		15.3 kVA		14.3 kVA						
				TOTAL CONNECTED AMPS BY PHASE	122.2 A		127.7 A		119.1 A						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	CALCULATED LOAD	PANELBOARD TOTALS
HVAC	7176 VA	100.00%	7176 VA	
Motor	21072 VA	100.00%	21072 VA	**TOTAL CONNECTED KVA** 44.2 kVA
Receptacle	11340 VA	94.09%	10670 VA	**TOTAL CALCULATED KVA** 43.5 kVA
Spare	4600 VA	100.00%	4600 VA	
				TOTAL CONNECTED AMPS 122.7 A
				TOTAL CALCULATED AMPS 120.8 A

NOTES:

KED bluestone
5518 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER 2613

KEDbluestone RESERVES ITS PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

ELECTRICAL SCHEDULES **EM601**

DISTRIBUTION PANELBOARD: SWG1

LOCATION: MECH YARD 224
MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM:

VOLTAGE: 480/277 Wye
PHASE: 3
WIRE: 4
LUGS:

MAIN DEVICE: MCB 800A
BUS RATING: 800
NEUTRAL RATING: 100%
A.I.C. RATING: 25000

CKT #	CIRCUIT DESCRIPTION	A	B	C	FRAME	TRIP	POLES	FEEDER RACEWAY & CONDUCTORS	NOTES
1	ATS-TRANSFER	14.3	24.5	19.1	400 A	250 A	3	REFER TO RISER	
2	ATS-ADMIN	114.9	109.3	102.7	600 A	600 A	3	REFER TO RISER	
3	ATS-MAINT	56.6	54.1	42.9	400 A	400 A	3	REFER TO RISER	
4	SPD-1	0	0	0	400 A	60 A	3		
5	6" PREPARED SPACE	--	--	--	--	--	3		
6	6" PREPARED SPACE	--	--	--	--	--	3		
7	6" PREPARED SPACE	--	--	--	--	--	3		
8	6" PREPARED SPACE	--	--	--	--	--	3		
	TOTAL CONNECTED KVA BY PHASE	185.8 kVA	187.8 kVA	164.7 kVA					
	TOTAL CONNECTED AMPS BY PHASE	683 A	690 A	594.7 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	CALCULATED LOAD	PANELBOARD TOTALS	
HVAC	57946 VA	100.00%	57946 VA		
LIGHTING	13732 VA	125.00%	17165 VA	**TOTAL CONNECTED KVA**	538.3 kVA
Motor	55508 VA	100.00%	55508 VA	**TOTAL CALCULATED KVA**	539.1 kVA
Other	600 VA	100.00%	600 VA		
Receptacle	15520 VA	82.22%	12760 VA	**TOTAL CONNECTED AMPS**	647.5 A
Spare	394056 VA	100.00%	394056 VA	**TOTAL CALCULATED AMPS**	648.5 A
Power	500 VA	100.00%	500 VA		
Lighting - Interior	1599 VA	125.00%	1999 VA		

NOTES:

BRANCH PANELBOARD: HEM1

LOCATION: MECHANICAL / FACILITY...
MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: ATS-MAINT

VOLTAGE: 480/277 Wye
PHASE: 3
WIRE: 4
LUGS: Standard

MAIN DEVICE: MLO
BUS RATING: 400
NEUTRAL RATING: 100%
A.I.C. RATING: 14000

CKT #	CKT BKR A / P		NOTES	CIRCUIT DESCRIPTION	KVA LOAD 'PHASE A'		KVA LOAD 'PHASE B'		KVA LOAD 'PHASE C'		CIRCUIT DESCRIPTION	NOTES	CKT BKR P / A		CKT #
1	20 A	1		LIGHTING	1.7	1.3					LIGHTING		1	20 A	2
3	20 A	1		LIGHTING			2.6	2.6			LIGHTING		1	20 A	4
5	20 A	1		LIGHTING					0.4	0.7	SITE LIGHTING		1	20 A	6
7	20 A	1		SITE LIGHTING	0.6	1.8					LIGHTING, Lighting - Interior		1	20 A	8
9							2.2	2.5			LIGHTING		1	20 A	10
11	20 A	3		MS-12					2.2	1.1	LIGHTING		1	20 A	12
13					2.2	1.3					LIGHTING		1	20 A	14
15							44.7	0			SPARE		1	20 A	16
17	225 A	3		XFMR-LEM1					38.6	0	SPARE		1	20 A	18
19					48.3	0					SPARE		1	20 A	20
21	20 A	1		SPARE			0	0			SPARE		1	20 A	22
23	20 A	1		SPARE					0	0	SPARE		1	20 A	24
25	20 A	1		SPARE	0	0					SPARE		1	20 A	26
27	20 A	1		SPARE			0	0			SPARE		1	20 A	28
29	20 A	1		SPARE					0	0	SPARE		1	20 A	30
31	20 A	1		SPARE	0	0					SPARE		1	20 A	32
33	20 A	1		SPARE			0	0			SPARE		1	20 A	34
35	20 A	1		SPARE					0	0	SPARE		1	20 A	36
37	--	1		SPACE	--	--					SPACE		1	--	38
39	--	1		SPACE			--	--			SPACE		1	--	40
41	--	1		SPACE					--	--	SPACE		1	--	42
				TOTAL CONNECTED KVA BY PHASE	56.6 kVA		54.1 kVA		42.9 kVA						
				TOTAL CONNECTED AMPS BY PHASE	210.6 A		201.4 A		155 A						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	CALCULATED LOAD	PANELBOARD TOTALS	
HVAC	57946 VA	100.00%	57946 VA		
LIGHTING	13732 VA	125.00%	17165 VA	**TOTAL CONNECTED KVA**	153.6 kVA
Motor	55508 VA	100.00%	55508 VA	**TOTAL CALCULATED KVA**	154.4 kVA
Other	600 VA	100.00%	600 VA		
Receptacle	15520 VA	82.22%	12760 VA	**TOTAL CONNECTED AMPS**	184.7 A
Spare	9256 VA	100.00%	9256 VA	**TOTAL CALCULATED AMPS**	185.8 A
Power	500 VA	100.00%	500 VA		
Lighting - Interior	1599 VA	125.00%	1999 VA		

NOTES:

DISTRIBUTION PANELBOARD: LEM1

LOCATION:
MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: XFMR-LEM1

VOLTAGE: 208/120 Wye
PHASE: 3
WIRE: 4
LUGS: Standard

MAIN DEVICE: MCB 500AT, 600AF
BUS RATING: 600
NEUTRAL RATING: 100%
A.I.C. RATING: 10000

CKT #	CIRCUIT DESCRIPTION	A	B	C	FRAME	TRIP	POLES	FEEDER RACEWAY & CONDUCTORS	NOTES
1	LEM2	14.7	14	13.1	225 A	225 A	3	REFER TO RISER	
2	LEM3	15.5	15.1	18.6	200 A	200 A	3	REFER TO RISER	
3	LEM4	8.4	5.3	11.6	100 A	100 A	3	REFER TO RISER	
4	LEM5	6.2	4.2	4.9	100 A	100 A	3	REFER TO RISER	
5	PREPARED 6" SPACE	--	--	--	--	--	3		
6	PREPARED 6" SPACE	--	--	--	--	--	3		
7	PREPARED 6" SPACE	--	--	--	--	--	3		
8	PREPARED 6" SPACE	--	--	--	--	--	3		
	TOTAL CONNECTED KVA BY PHASE	44.7 kVA	38.6 kVA	48.3 kVA					
	TOTAL CONNECTED AMPS BY PHASE	380 A	322 A	409.9 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	CALCULATED LOAD	PANELBOARD TOTALS	
HVAC	57946 VA	100.00%	57946 VA		
LIGHTING	0 VA	0.00%	0 VA	**TOTAL CONNECTED KVA**	131.6 kVA
Motor	49008 VA	100.00%	49008 VA	**TOTAL CALCULATED KVA**	128.8 kVA
Other	600 VA	100.00%	600 VA		
Receptacle	15520 VA	82.22%	12760 VA	**TOTAL CONNECTED AMPS**	365.2 A
Spare	8000 VA	100.00%	8000 VA	**TOTAL CALCULATED AMPS**	357.6 A
Power	500 VA	100.00%	500 VA		

NOTES:

BRANCH PANELBOARD: LEM2

LOCATION: MECHANICAL / FACILITY...
MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: LEM1

VOLTAGE: 208/120 Wye
PHASE: 3
WIRE: 4
LUGS: Standard

MAIN DEVICE: MLO
BUS RATING: 225
NEUTRAL RATING: 100%
A.I.C. RATING: 10000

CKT #	CKT BKR A / P		NOTES	CIRCUIT DESCRIPTION	KVA LOAD 'PHASE A'		KVA LOAD 'PHASE B'		KVA LOAD 'PHASE C'		CIRCUIT DESCRIPTION	NOTES	CKT BKR P / A		CKT #
1	20 A	1		EF-1	0.9	0.2					F-3		1	20 A	2
3	20 A	1		F-1			0.2	0.2			F-2		1	20 A	4
5	20 A	1		GWH-1					0.2	2	CU-1		2	30 A	6
7					3.5	2									8
9	50 A	2		SSAC-1, SSCU-1			3.5	2			CU-3		2	30 A	10
11	40 A	2		CU-2					2.7	2					12
13					2.7	0.7					CP-1		1	20 A	14
15							0.7	0.2			GWH-2		1	20 A	16
17	20 A	2		EF-6					0.7	0.4	RECEPTACLE		1	20 A	18
19	20 A	1		RECEPTACLE	0.4	1.9					CUH-1		2	30 A	20
21	20 A	1		RECEPTACLE			0.4	1.9							22
23	20 A	1		EF-7					0.7	0.6	TOOL STORAGE BAY DOOR		2	20 A	24
25	20 A	2		SHOP AREA BAY DOOR	0.6	0.6									26
27							0.6	1.3			RECEPTACLE		1	20 A	28
29	20 A	2		SHOP AREA BAY DOOR					0.6	1.3	RECEPTACLE		1	20 A	30
31					0.6	0.8					GENERATOR BATTERY CHARGER		1	20 A	32
33	20 A	1		GENERATOR ALTERNATOR STRIP...			1.2	1.9			GENERATOR JACKET HEATER		1	20 A	34
35	20 A	1		GENERATOR BLOCK HEATER					1.5	0.6	FIRE ALARM PANEL	HL	1	20 A	36
37	20 A	1		SPARE	0	0					SPARE		1	20 A	38
39	20 A	1		SPARE			0	0			SPARE		1	20 A	40
41	20 A	1		SPARE					0	0	SPARE		1	20 A	42
				TOTAL CONNECTED KVA BY PHASE	14.7 kVA		14 kVA		13.1 kVA						
				TOTAL CONNECTED AMPS BY PHASE	123.4 A		118.1 A		109.4 A						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	CALCULATED LOAD	PANELBOARD TOTALS	
HVAC	28780 VA	100.00%	28780 VA		
LIGHTING	0 VA	0.00%	0 VA	**TOTAL CONNECTED KVA**	41.8 kVA
Motor	3375 VA	100.00%	3375 VA	**TOTAL CALCULATED KVA**	41.8 kVA
Other	600 VA	100.00%	600 VA		
Receptacle	1080 VA	100.00%	1080 VA	**TOTAL CONNECTED AMPS**	116.1 A
Spare	8000 VA	100.00%	8000 VA	**TOTAL CALCULATED AMPS**	116.1 A

NOTES:

BRANCH PANELBOARD: LEM3

LOCATION: BUS BAY 3 153
MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: LEM1

VOLTAGE: 208/120 Wye
PHASE: 3
WIRE: 4
LUGS: Standard

MAIN DEVICE: MLO
BUS RATING: 225
NEUTRAL RATING: 100%
A.I.C. RATING: 10000

CKT #	CKT BKR A / P		NOTES	CIRCUIT DESCRIPTION	KVA LOAD 'PHASE A'		KVA LOAD 'PHASE B'		KVA LOAD 'PHASE C'		CIRCUIT DESCRIPTION	NOTES	CKT BKR P / A		CKT #
1	20 A	1		RECEPTACLE	0.2	0.2					RECEPTACLE		1	20 A	2
3	20 A	1		CORD REEL			0.4	0.4			CORD REEL		1	20 A	4
5	20 A	1		CORD REEL					0.4	0.4	CORD REEL		1	20 A	6
7	20 A	1		CORD REEL	0.4	0.4					CORD REEL		1	20 A	8
9	20 A	1		CORD REEL			0.4	0.2			RECEPTACLE		1	20 A	10
11	20 A	1		CORD REEL					0.4	0.2	RECEPTACLE		1	20 A	12
13	20 A	1		RECEPTACLE	0.4	0.3					EF-9		2	20 A	14
15	20 A	1		RECEPTACLE			0.2	0.3							16
17	30 A	2		BUS BAY 1 N DOOR					1.8	1.8	BUS BAY 2 N DOOR		2	30 A	18
19					1.8	1.8									20
21	30 A	2		BUS BAY 3 N DOOR			1.8	1.8			BUS BAY 4 N DOOR		2	30 A	22
23									1.8	1.8					24
25	20 A	2		EF-3	0.3	1.8					BUS BAY 1 S DOOR		2	30 A	26
27							0.3	1.8							28
29	30 A	2		EF-2					2.1	1.8	BUS BAY 2 S DOOR		2	30 A	30
31					2.1	1.8									32
33	30 A	2		BUS BAY 3 S DOOR			1.8	1.8			BUS BAY 4 S DOOR		2	30 A	34
35									1.8	1.8					36
37	20 A	1		RTH-6	0.7	0.7					RTH-1		1	20 A	38
39	20 A	1		RTH-5			0.7	0.7			RTH-2		1	20 A	40
41	20 A	1		RTH-3					0.7	0.7	RTH-4		1	20 A	42
43	30 A	2		SSAC-2; SSAC-3, SSCU-2	2.3	0.2					RECEPTACLE		1	20 A	44
45							2.3	0.5			RECEPTACLE		1	20 A	46
47	20 A	1		EF-8					0.7	0.9	RECEPTACLE		1	20 A	48
49	20 A	1		SPARE	0	0.4					FIRE SMOKE DAMPER POWER	HL	1	20 A	50
51	20 A	1		SPARE			0	0			SPARE		1	20 A	52
53	20 A	1		SPARE					0	0	SPARE		1	20 A	54
55	20 A	1		SPARE	0	0					SPARE		1	20 A	56
57	20 A	1		SPARE			0	0			SPARE		1	20 A	58
59	20 A	1		SPARE					0	0	SPARE		1	20 A	60
				TOTAL CONNECTED KVA BY PHASE	15.5 kVA		15.1 kVA		18.6 kVA						
				TOTAL CONNECTED AMPS BY PHASE	129.3 A		126.2 A		155.7 A						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	CALCULATED LOAD	PANELBOARD TOTALS	
HVAC	15016 VA	100.00%	15016 VA		
LIGHTING	0 VA	0.00%	0 VA	**TOTAL CONNECTED KVA**	49.2 kVA
Motor	28096 VA	100.00%	28096 VA	**TOTAL CALCULATED KVA**	49.2 kVA
Receptacle	5760 VA	100.00%	5760 VA		
Power	360 VA	100.00%	360 VA	**TOTAL CONNECTED AMPS**	136.7 A
				TOTAL CALCULATED AMPS	136.7 A

NOTES:

BRANCH PANELBOARD: LEM4

LOCATION: BREAKROOM 102
MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: LEM1

VOLTAGE: 208/120 Wye
PHASE: 3
WIRE: 4
LUGS: Standard

MAIN DEVICE: MLO
BUS RATING: 100
NEUTRAL RATING: 100%
A.I.C. RATING: 10000

CKT #	CKT BKR A / P		NOTES	CIRCUIT DESCRIPTION	A		B		C		CIRCUIT DESCRIPTION	NOTES	CKT BKR P / A		CKT #
1	20 A	1		RECEPTACLE	0.2	1.8					RECEIVING BAY DOOR		2	30 A	2
3	20 A	1		Receptacle, RECEPTACLE			0.4	1.8							4
5	20 A	2		TIRE STORAGE BAY DOOR					0.6	0.4	RECEPTACLE		1	20 A	6
7					0.6	0.2					RECEPTACLE		1	20 A	8
9	20 A	1		RECEPTACLE			0.2	0.2			RECEPTACLE		1	20 A	10
11	20 A	1		RECEPTACLE					0.5	0.1	PLUMBING SENSOR TRANSFORMER...		1	20 A	12
13	20 A	1		RECEPTACLE							RECEPTACLE		1	20 A	14
15	20 A	1		RECEPTACLE			0.7	0.5			RECEPTACLE		1	20 A	16
17	20 A	2		CF-11					1.2	0.7	RECEPTACLE		1	20 A	18
19					1.2	2					TS-1		2	30 A	20
21	20 A	1		RECEPTACLE			0.2	2							22
23	20 A	1		RECEPTACLE					0.2	0.2	RECEPTACLE		1	20 A	24
25	20 A	2		CF-9	1.2	1.1					RECEPTACLE		1	20 A	26
27							1.2	0.1			PLUMBING SENSOR TRANSFORMER...		1	20 A	28
29	20 A	1		RECEPTACLE					0.2	1.2	CF-10		2	20 A	30
31	20 A	2		CF-8	1.2	1.2									32
33							1.2	0			SPARE		1	20 A	34
35	20 A	1		SPARE					0	0	SPARE		1	20 A	36
37	20 A	1		SPARE	0	0					SPARE		1	20 A	38
39	20 A	1		SPARE			0	0			SPARE		1	20 A	40
41	20 A	1		SPARE					0	0	SPARE		1	20 A	42
43	20 A	1		SPARE	0	0					SPARE		1	20 A	44
45	20 A	1		SPARE			0	0			SPARE		1	20 A	46
47	20 A	1		SPARE					0	0	SPARE		1	20 A	48
49	20 A	1		SPARE	0	0					SPARE		1	20 A	50
51	--	1		SPACE			--	--			SPACE		1	--	52
53	--	1		SPACE					--	--	SPACE		1	--	54
				TOTAL CONNECTED KVA BY PHASE	11.6 kVA		8.4 kVA		5.3 kVA						
				TOTAL CONNECTED AMPS BY PHASE	100.4 A		73.8 A		44 A						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	CALCULATED LOAD	PANELBOARD TOTALS	
HVAC	9668 VA	100.00%	9668 VA		
Motor	8537 VA	100.00%	8537 VA	**TOTAL CONNECTED KVA**	25.2 kVA
Receptacle	6880 VA	100.00%	6880 VA	**TOTAL CALCULATED KVA**	25.2 kVA
Power	140 VA	100.00%	140 VA		
				TOTAL CONNECTED AMPS	70 A
				TOTAL CALCULATED AMPS	70 A

NOTES:

BRANCH PANELBOARD: LEM5

LOCATION: SV BAY 1 161
MOUNTING: SURFACE
ENCLOSURE: NEMA 1
FED FROM: LEM1

VOLTAGE: 208/120 Wye
PHASE: 3
WIRE: 4
LUGS: Standard

MAIN DEVICE: MLO
BUS RATING: 100
NEUTRAL RATING: 100%
A.I.C. RATING: 10000

CKT #	CKT BKR A / P		NOTES	CIRCUIT DESCRIPTION	KVA LOAD 'PHASE A'		KVA LOAD 'PHASE B'		KVA LOAD 'PHASE C'		CIRCUIT DESCRIPTION	NOTES	CKT BKR P / A		CKT #
1	20 A	1		RECEPTACLE	0.2	0.4					CORD REEL		1	20 A	2
3	20 A	1		CORD REEL			0.4	0.4			CORD REEL		1	20 A	4
5	20 A	1		RECEPTACLE					0.2	0.2	RECEPTACLE		1	20 A	6
7	20 A	2		SV BAY 1 DOOR, SV BAY 3 DOOR	1.1	0.7					RTH-7		1	20 A	8
9							1.1	1.1			SV BAY 6 DOOR, SV BAY 8 DOOR		2	20 A	10
11	20 A	2		SV BAY 5 DOOR, SV BAY 7 DOOR					1.1	1.1					12
13					1.1	0.3					EF-5		2	20 A	14
15	20 A	1		RTH-8			0.7	0.3							16
17	20 A	2		SV BAY 2 DOOR, SV BAY 4 DOOR					1.1	1.2	EF-4		2	20 A	18
19					1.1	1.2									20
21	20 A	1		RECEPTACLE			0.2	0			SPARE		1	20 A	22
23	20 A	1		SPARE					0	0	SPARE		1	20 A	24
25	20 A	1		SPARE	0	0					SPARE		1	20 A	26
27	20 A	1		SPARE			0	0			SPARE		1	20 A	28
29	20 A	1		SPARE					0	0	SPARE		1	20 A	30
31	20 A	1		SPARE	0	0					SPARE		1	20 A	32
33	20 A	1		SPARE			0	0			SPARE		1	20 A	34
35	20 A	1		SPARE					0	0	SPARE		1	20 A	36
37	20 A	1		SPARE	0	0					SPARE		1	20 A	38
39	--	1		SPACE			--	--			SPACE		1	--	40
41	--	1		SPACE					--	--	SPACE		1	--	42
				TOTAL CONNECTED KVA BY PHASE	6.2 kVA		4.2 kVA		4.9 kVA						
				TOTAL CONNECTED AMPS BY PHASE	52.2 A		35 A		42 A						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	CALCULATED LOAD	PANELBOARD TOTALS	
HVAC	4482 VA	100.00%	4482 VA		
LIGHTING	0 VA	0.00%	0 VA	**TOTAL CONNECTED KVA**	15.3 kVA
Motor	9000 VA	100.00%	9000 VA	**TOTAL CALCULATED KVA**	15.3 kVA
Receptacle	1800 VA	100.00%	1800 VA		
				TOTAL CONNECTED AMPS	42.4 A
				TOTAL CALCULATED AMPS	42.4 A

NOTES:

KED bluestone
5018 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER: 102436
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED IN ANY MANNER OR OBJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

ELECTRICAL SCHEDULES **EM602**

ELECTRICAL ABBREVIATIONS

1P	1 POLE (2P, 3P, 4P, ETC.)	LTNG	LIGHTNING
A	6" ABOVE COUNTER OR BACKSPLASH TO CENTERLINE OF DEVICE	LV	LOW VOLTAGE
		M	INSTALL DEVICE IN MILLWORK
A, AMP	AMPERE	MAX	MAXIMUM
AC	ABOVE COUNTER, AIR CONDITIONING UNIT	MAG.S	MAGNETIC STARTER
ACLG	ABOVE CEILING	M/C	MOMENTARY CONTACT
AF	AMP FRAME	MC	MECHANICAL CONTRACTOR
AFF	ABOVE FINISHED FLOOR	MCB	MAIN CIRCUIT BREAKER
AFG	ABOVE FINISHED GRADE	MCC	MOTOR CONTROL CENTER
AFCI	ARC FAULT CIRCUIT INTERRUPTER	MDC	MAIN DISTRIBUTION CENTER
		MDP	MAIN DISTRIBUTION PANEL
AHU	AIR HANDLING UNIT	MFR	MANUFACTURER
AL	ALUMINUM	MFS	MAIN FUSED DISCONNECT SWITCH
ALT	ALTERNATE	MH	MANHOLE
AMP	AMPERE	MIC	MICROPHONE
AMPL	AMPLIFIER	MIN	MINIMUM
ANNUN	ANNUNCIATOR	MISC	MISCELLANEOUS
APPROX	APPROXIMATELY	MLO	MAIN LUGS ONLY
AQ-STAT	AQUASTAT	MMS	MANUAL MOTOR STARTER
ARCH	ARCHITECT, ARCHITECTURAL	MOA	MULTIOUTLET ASSEMBLY
AS	AMP SWITCH	MSP	MOTOR STARTER PANELBOARD
AT	AMP TRIP	MSBD	MAIN SWITCHBOARD
ATC	AUTOMATIC TEMPERATURE CONTROLS CONTRACTOR	N/A	NOT APPLICABLE
		(K) NFDS	NON-FUSED SAFETY DISCONNECT SWITCH
ATS	AUTOMATIC TRANSFER SWITCH		
AUTO	AUTOMATIC	NIC	NOT IN CONTRACT
AUX	AUXILIARY	NL	NIGHT LIGHT
AV	AUDIO VISUAL	N.O.	NORMALLY OPEN
AWG	AMERICAN WIRE GAUGE	NPF	NORMAL POWER FACTOR
B	BLACK DEVICE COLOR WITH BLACK UNBREAKABLE THERMOPLASTIC COVER PLATE	NTS	NOT TO SCALE
		OC	ON CENTER
		OH	OVERHEAD
BAS	BUILDING AUTOMATION SYSTEM	OL	OVERLOADS
BATT	BATTERY	PA	PUBLIC ADDRESS
BD	BOARD	PB	PULL BOX OR PUSHBUTTON
BLDG	BUILDING	PC	PLUMBING CONTRACTOR
BMS	BUILDING MANAGEMENT SYSTEM	PE	PNEUMATIC ELECTRIC
C	CONDUIT	PED	PEDESTAL
CAB	CABINET	PF	POWER FACTOR
CAT	CATALOG	PH	PHASE
CATV	CABLE TELEVISION	PIV	POST INDICATING VALVE
CB	CIRCUIT BREAKER	PNL	PANEL
CCTV	CLOSED CIRCUIT TELEVISION	PP	POWER POLE
CKT	CIRCUIT	PR	PAIR
CLG	CEILING	PRI	PRIMARY
CM	CONSTRUCTION MANAGER	PROJ	PROJECTION
COMB	COMBINATION	PRV	POWER ROOF VENTILATOR
CMPR	COMPRESSOR	PT	POTENTIAL TRANSFORMER
CONN	CONNECTION	PVC	POLYVINYL CHLORIDE (CONDUIT)
CONST	CONSTRUCTION	PWR	POWER
CONT	CONTINUATION OR CONTINUOUS	QTY	QUANTITY
CONTR	CONTRACTOR	RAC	RIGID ALUMINUM CONDUIT
CP	CIRCULATING PUMP	RCPT	RECEPTACLE
CRT	CATHODE-RAY TUBE	REQD	REQUIRED
CT	CURRENT TRANSFORMER	RM	ROOM
CTR	CENTER	RMC	RIGID METALLIC CONDUIT
CU	COPPER	RTU	ROOF TOP UNIT
DEPT	DEPARTMENT	SC	SURFACE CONDUIT
DET	DETAIL	SEC	SECONDARY
DIA	DIAMETER	SHT	SHEET
DISC	DISCONNECT	SIM	SIMILAR
DIST	DISTRIBUTION	SLD	SINGLE-LINE DIAGRAM
DN	DOWN	S/N	SOLID NEUTRAL
DO	AUTOMATIC DOOR OPENER	SPEC	SPECIFICATION
DPR	DAMPER	SPKR	SPEAKER
DS	SAFETY DISCONNECT SWITCH	SP	SPARE
DT	DOUBLE THROW	SPP	SINGLE-POINT POWER
DWG	DRAWING	SR	SURFACE RACEWAY
EC	ELECTRICAL CONTRACTOR	SS	STAINLESS STEEL
ECB	ENCLOSED CIRCUIT BREAKER	SSW	SELECTOR SWITCH
ELEC	ELECTRIC, ELECTRICAL	S/S	STOP/START PUSHBUTTONS
ELEV	ELEVATOR	STA	STATION
ELU	EMERGENCY LIGHTING UNIT	STD	STANDARD
EM	EMERGENCY	SURF	SURFACE MOUNTED
EMS	ENERGY MANAGEMENT SYSTEM	SW	SWITCH
EMT	ELECTRICAL METALLIC TUBING	SWBD	SWITCHBOARD
EP	ELECTRIC PNEUMATIC	SYM	SYMMETRICAL
EPO	EMERGENCY POWER OFF	SYS	SYSTEM
EQUIP	EQUIPMENT	TEL	TELEPHONE
EWC	ELECTRIC WATER COOLER	TERM	TERMINAL
EXIST	EXISTING	T	TAMPER RESISTANT
EXH	EXHAUST	TL	TWIST LOCK
EXP	EXPLOSION PROOF	T-STAT	THERMOSTAT
FA	FIRE ALARM	TTC	TELEPHONE TERMINAL CABINET
FABP	FIRE ALARM BOOSTER POWER SUPPLY PANEL	TV	TELEVISION
		TVTC	TELEVISION TERMINAL CABINET
FACP	FIRE ALARM CONTROL PANEL	TYP	TYPICAL
FCU	FAN COIL UNIT	UC	UNDER COUNTER
FIXT	FIXTURE	UE	UNDERGROUND ELECTRICAL
FLR	FLOOR	UG	UNDERGROUND
FLUOR	FLUORESCENT	UH	UNIT HEATER
FPC	FIRE PROTECTION CONTRACTOR	UT	UNDERGROUND TELEPHONE
FU	FUSE	UTIL	UTILITY
FUDS	FUSED SAFETY DISCONNECT SWITCH	UV	ULTRAVIOLET
GA	GAUGE	V	VOLT
GAL	GALLON	VA	VOLT-AMPERES
GALV	GALVANIZED	VDT	VIDEO DISPLAY TERMINAL
GC	GENERAL CONTRACTOR	VERT	VERTICAL
GEN	GENERATOR	VFD	VARIABLE FREQUENCY DRIVE
GFI	GROUND FAULT CIRCUIT INTERRUPTER	VOL	VOLUME
GFP	GROUND FAULT PROTECTOR	W	WATT
GND	GROUND	W/	WITH
GYP BD	GYPSUM BOARD	WG	WIRE GUARD
HWC-#	DOMESTIC WATER CIRCULATING PUMP	WH	WATER HEATER
HOA	HANDS-OFF-AUTOMATIC SWITCH	W/O	WITHOUT
H	INSTALL DEVICE HORIZONTALLY	WP	WEATHERPROOF
HH	HANDHOLE	XFMR	TRANSFORMER
HP	HORSEPOWER	XFR	TRANSFER
HPF	HIGH POWER FACTOR	#"	LOCATION-SPECIFIC MOUNTING HEIGHT ABOVE FINISHED FLOOR TO CENTERLINE OF DEVICE
HT	HEIGHT		
HTG	HEATING		
HTR	HEATER		
HV	HIGH VOLTAGE	∠	ANGLE
HVAC	HEATING, VENTILATING AND AIR CONDITIONING	@	AT
		▲	DELTA
IC	INTERRUPTING CAPACITY	'	FEET
IG	ISOLATED GROUND	"	INCHES
IMC	INTERMEDIATE METAL CONDUIT	#	NUMBER
INCAND	INCANDESCENT	Ø	PHASE
IR	INFRARED	C	CENTER LINE
I/W	INTERLOCK WITH	P	PLATE
J-BOX	JUNCTION BOX		
K.E.C.	KITCHEN EQUIPMENT CONTRACTOR		
KV	KILOVOLT		
KVA	KILOVOLT-AMPERE		
KVAR	KILOVOLT-AMPERE REACTIVE		
KW	KILOWATT		
KWH	KILOWATT HOUR		
LT	LIGHT		
LTG	LIGHTING		

GENERAL PLAN SYMBOLS

MARK	SCHEDULED EQUIPMENT (UNDERLINED)
MARK	NONSCHEDULED EQUIPMENT
(E) MARK	EXISTING EQUIPMENT - (E) PREFIX (HALFTONE)
(R) MARK	EXISTING RELOCATED EQUIPMENT - (R) PREFIX
# / #	SECTION VIEW, TOP REPRESENTS DETAIL NUMBER, BOTTOM REPRESENTS SHEET NUMBER
# / #	ENLARGED VIEW, TOP REPRESENTS VIEW NUMBER, BOTTOM REPRESENTS SHEET NUMBER
———	NEW WORK BY THE EC (DARK SOLID LINE)
— — —	NEW UNDERGROUND WORK BY THE EC (DARK DASHED LINE)
———	WORK BY OTHERS AND/OR EXISTING (LIGHT SOLID LINE)
- - - - -	DEMO WORK BY THE EC (DARK DASHED LINE)
— · —	MATCHLINE
	KEYED NOTE

ACCESS CONTROL SYMBOLS

SYMBOL	DESCRIPTION
AS	ALARM SWITCH
DC	DOOR CONTACT
CR	CARD READER
J	FLUSH MOUNTED JUNCTION BOX
ACP-#	ACCESS CONTROL PANEL
ES	ELECTRIC STRIKE
GB	GLASS BREAK SENSOR
KP	KEYPAD
ML	MAGNETIC LOCK
MC	MONEY CLIP
M	MOTION DETECTOR
OPTURN-#	OPTICAL TURNSTILE
REX	REQUEST TO EXIT
BR	BIOMETRIC READER
DS-#	DOOR SWITCH

CELLULAR SYMBOLS

SYMBOL	DESCRIPTION
RF	INDOOR CELLULAR ENHANCEMENT ANTENNA
RFO	OUTDOOR CELLULAR ENHANCEMENT ANTENNA
RFS	INCOMING SERVICE CELLULAR ENHANCEMENT ANTENNA

AV SYMBOLS

SYMBOL	DESCRIPTION
AV-#	AV CABINET
CAM-#	CONFERENCE CAMERA
MC	CEILING MOUNTED MICROPHONE
S	CEILING MOUNTED AUDIO SPEAKER
J	JUNCTION BOX
	LECTURN
A	WALL MOUNTED AUDIO SPEAKER
MC T	TABLETOP MICROPHONE
MPC-#	MEDIA PRESENTATION CONTROLLER
MPWP-#	MEDIA PRESENTATION WALL PLATE
PS	PROJECTOR SCREEN OVERRIDE SWITCH
PRS-#	PROJECTOR SCREEN
PRO-#	PROJECTOR
TV-#	TELEVISION
AV	AV RACK BACKBOX
PLIFT-#	PROJECTOR LIFT

SOUND MASKING SYMBOLS

SYMBOL	DESCRIPTION
SM	DIRECT FIRE SOUND MASKING SPEAKER
SM	SOUND MASKING SPEAKER
V	VOLUME CONTROL
AMP-SM-#	SOUND MASKING AMPLIFIER

NURSE CALL SYMBOLS

N	WALL MOUNTED NURSE CALL DEVICE
	CEILING MOUNTED NURSE CALL DOME LIGHT
D	WALL MOUNTED NURSE CALL DOME LIGHT

CABLE TV SYMBOLS

SYMBOL	DESCRIPTION
TV	CABLE TV COAX JACK
TV C	CABLE TV COAX JACK - CEILING MOUNTED
AMP	DISTRIBUTION AMPLIFIER

CCTV SYMBOLS

SYMBOL	DESCRIPTION
	SECURITY CAMERA ROUGH-IN ONLY - CEILING MOUNTED
	SECURITY CAMERA ROUGH-IN ONLY - WALL MOUNTED
	SECURITY CAMERA
SMON-#	SECURITY MONITOR
NVR	NETWORK VIDEO RECORDER

INTERCOM SYMBOLS

SYMBOL	DESCRIPTION
INT CD	INTERCOM COLOR DOOR STATION
INT	EMERGENCY VANDAL RESISTANT PHONE TOWER
INT M	INTERCOM MASTER STATION
INT D	INTERCOM DOOR STATION
INT AR	INTERCOM AREA OF RESCUE CALL BUTTON
INT MAR	INTERCOM AREA OF RESCUE MASTER STATION

PAGING SYMBOLS

SYMBOL	DESCRIPTION
AMP	TELEPHONE PAGING AMPLIFIER
S	HORN SPEAKER - WALL MOUNTED
S	HORN SPEAKER - CEILING MOUNTED
S	PAGING SPEAKER OR DROP IN CEILING GRID SPEAKER
V	VOLUME CONTROL

CLOCK SYMBOLS

SYMBOL	DESCRIPTION
ETC $	ELAPSED TIME CLOCK CONTROL
C 2	WIRELESS ANALOG CLOCK DUAL FACE
C D	DIGITAL WIRELESS CLOCK
C ETC	DIGITAL ELAPSED TIME CLOCK
C	WIRELESS ANALOG CLOCK SINGLE FACE
	ALARM BELL

NETWORK SYMBOLS

SYMBOL	DESCRIPTION
CT-#	CABLE TRAY
J	JUNCTION CEILING MOUNTED DOUBLE GANG
ER-#	EQUIPMENT RACK
MTGB	GROUND BAR
#	INFORMATION OUTLET
#	INFORMATION OUTLET MOUNTED IN CEILING
#	INFORMATION OUTLET MOUNTED IN FLOORBOX
LR-#	LADDER RACK
MPP-#	MODULAR PATCH PANEL
TTB-#	TELECOMMUNICATION TERMINAL BOARD
VM-#	VERTICAL WIRE MANAGEMENT
WAP	INFORMATION OUTLET FOR WIRELESS ACCESS POINT

TECHNOLOGY SHEET LIST

TM000	TECHNOLOGY COVER PAGE
TM100	TECHNOLOGY PLAN
TM500	TECHNOLOGY DETAILS
TM501	TECHNOLOGY DETAILS
TM502	TECHNOLOGY DETAILS
TM600	TECHNOLOGY SCHEDULES

KED bluestone
5518 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER: 126320

KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHT, IN THIS DRAWING AND/OR DATA CONTAINED THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

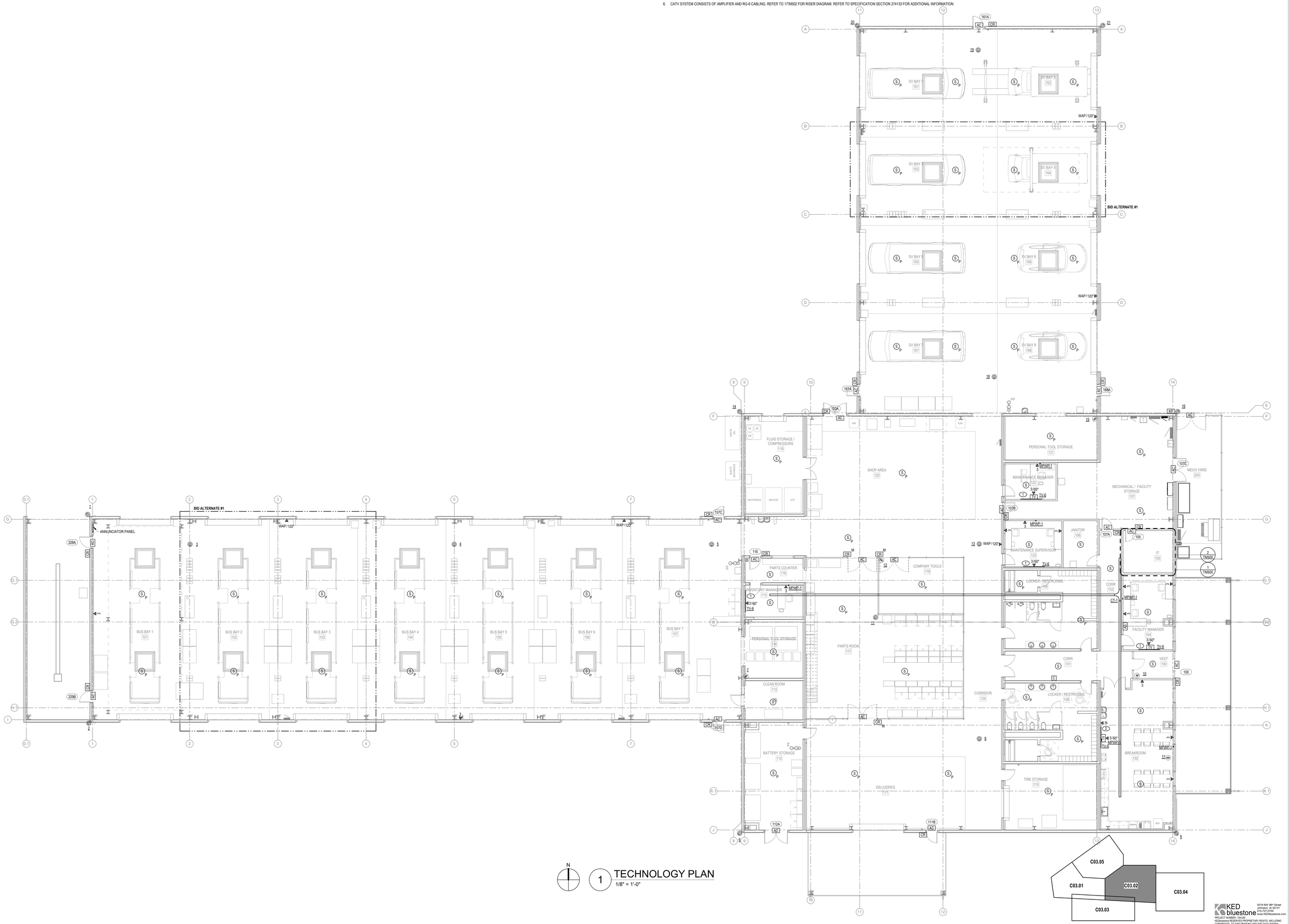
TECHNOLOGY COVER PAGE TM000

GENERAL NOTES:

1. INFORMATION OUTLETS ON THIS SHEET SHALL BE FED OUT OF IT 105.
2. OWNER TO ARRANGE AND CONDUCT THEIR OWN WIRELESS SURVEY AFTER CONSTRUCTION. THE OWNER SHALL BE RESPONSIBLE IF ANY ADDITIONAL LOCATIONS ARE REQUIRED AFTER SURVEY IS COMPLETED.
3. MASS NOTIFICATION SYSTEM CONSISTS OF AMPLIFIER, CABLING, AND NEW SPEAKERS.
4. CCTV CAMERA SYSTEM CONSISTS OF SOFTWARE, SERVER, CABLING, AND CAMERAS.
5. ACCESS CONTROL SYSTEM CONSISTS OF HEADEND, SOFTWARE, CARD READERS, REQUEST EXIT, DOOR CONTACTS, AND ELECTRIC STRIKES.
6. CATV SYSTEM CONSISTS OF AMPLIFIER AND RG-6 CABLING. REFER TO 1/TM502 FOR RISER DIAGRAM. REFER TO SPECIFICATION SECTION 274133 FOR ADDITIONAL INFORMATION.

KEYED NOTES:

1. REFER TO 2/TM600 FOR TV ELEVATION.
2. REFER TO 1/TM600 FOR TV ELEVATION WITH HDMI.



1 TECHNOLOGY PLAN
1/8" = 1'-0"

KEY MAP

KED bluestone
5618 NW 88th Street
Johnston, IA 50131
515-727-0705
www.KEDbluestone.com

PROJECT NUMBER: 126100
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN. THIS DRAWING AND THE DATA SHOWN ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

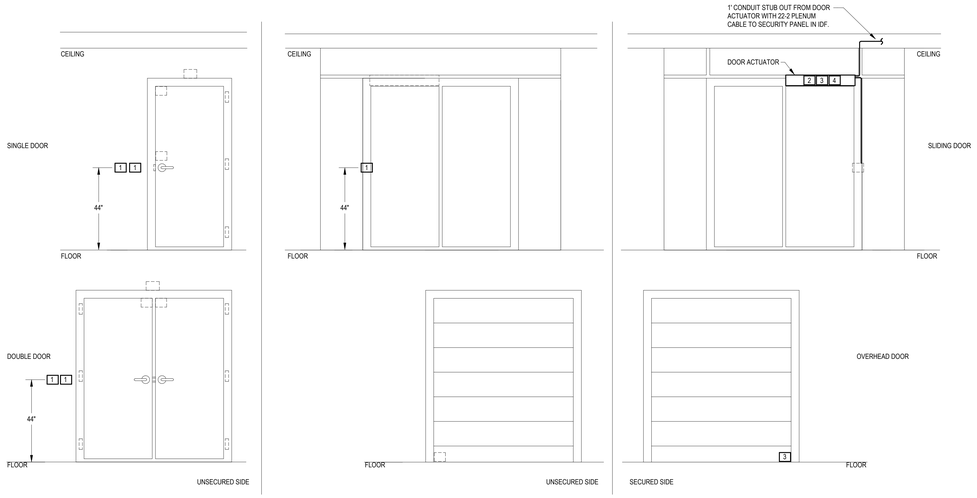
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

TECHNOLOGY PLAN TM100



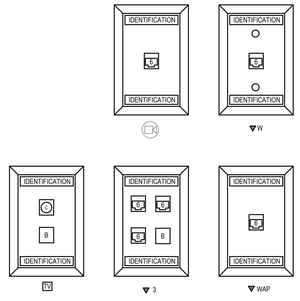
4 ACCESS CONTROL DOOR DETAIL

N.T.S.

NOTES:

1. OWNER'S SECURITY CONTRACTOR SHALL PROVIDE AND INSTALL 24V FOR DOOR HARDWARE. ELECTRICAL CONTRACTOR SHALL PROVIDE 120V TO POWER SUPPLIES.

LOCATION	POSSIBLE DEVICES (ABV.)	NOTES
1	CARD READER (CR) INTERCOM (INT) INTERCOM W/ CAMERA (INTC) BIOMETRIC READER (BR) KEYPAD (KP)	SINGLE GANG BOX WITH SINGLE GANG 1/2" RAISED DEVICE RING UNLESS NOTED OTHERWISE. DEVICE LOCATION AND MOUNTING MAY VARY. REFER TO FLOORPLANS FOR ADDITIONAL INFORMATION.
2	REQUEST EXIT (REX)	
3	DOOR CONTACT (DC) MAGNETIC LOCK (ML)	
4	ELECTRIC STRIKE (ES) ELECTRIC LOCK (EL) ELECTRIC PANIC (EP)	



INFORMATION OUTLET JACK LEGEND		
SYMBOL	DESCRIPTION	MODEL #
B	BLANK MODULE	EQUIPMENT PROVIDED & INSTALLED BY OWNER'S INTEGRATOR
	CAT6 RJ-45 JACK #= QUANTITY OF DATA ALL ARE DATA UNLESS NOTED OTHERWISE	EQUIPMENT PROVIDED & INSTALLED BY OWNER'S INTEGRATOR
	1 DATA JACK FOR CCTV SYSTEM	EQUIPMENT PROVIDED & INSTALLED BY OWNER'S INTEGRATOR
	"F" TYPE COUPLER MODULE	PANDUIT CMFWH
#, W	INFORMATION OUTLET (1) 4" SQUARE BOX, SINGLE GANG PLASTER RING, FLUSH MOUNT ON WALL OR AS NOTED ON PLANS. SUBSCRIPT "#" QUANTITY OF CAT6 DATA CABLES SUBSCRIPT "W" FOR WALL PHONE	EQUIPMENT PROVIDED & INSTALLED BY OWNER'S INTEGRATOR
WAP	WIRELESS ACCESS POINT. (1) WALL MOUNTED BOX SHALL BE SECURELY SUPPORTED.	EQUIPMENT PROVIDED & INSTALLED BY OWNER'S INTEGRATOR

3 INFORMATION OUTLET DETAIL

N.T.S.

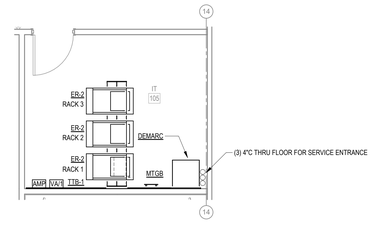
N

2 ENLARGED IT 105 OVERHEAD PLAN

1/4" = 1'-0"

NOTES:

1. REFER TO 1/TM500 FOR EQUIPMENT PLAN.



N

1 ENLARGED IT 105 EQUIPMENT PLAN

1/4" = 1'-0"

NOTES:

1. REFER TO 2/TM500 FOR OVERHEAD PLAN.
2. REFER TO 5/TM501 FOR RACK ELEVATION.

KED bluestone
5018 NW 88th Street
Johnston, IA 50131
515-727-0700
www.KEDbluestone.com

PROJECT NUMBER: 126100
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN. THIS DRAWING AND THE DATA SHOWN ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

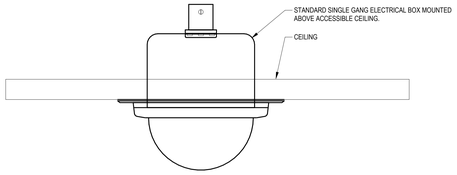
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO.	2613
STATUS	BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE	10/22/2026
DRAWN BY	ADG

TECHNOLOGY DETAILS **TM500**

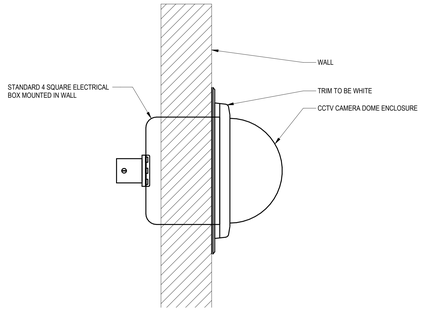


4 CEILING CAMERA MOUNTING DETAIL

N.T.S.

NOTES:

1. E.C. SHALL PROVIDE STANDARD SINGLE GANG ELECTRICAL BOX MOUNTED ABOVE ACCESSIBLE CEILING. PROVIDE CAT6 UTP AND WHIP THROUGH THE CEILING.

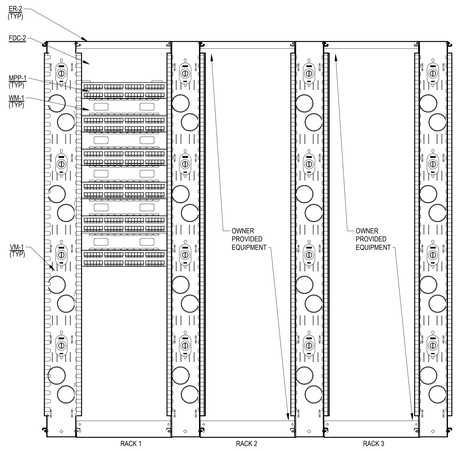


2 WALL MOUNT CAMERA DETAIL

N.T.S.

NOTES:

1. E.C. SHALL PROVIDE STANDARD 4 SQUARE ELECTRICAL BOX FLUSH MOUNTED IN WALL. PROVIDE CAT6 UTP AND ROUTE THROUGH 3/4" CONDUIT TO ACCESSIBLE SPACE.

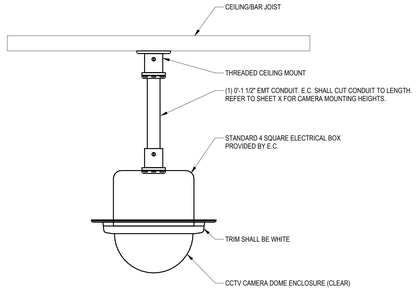


5 RACK ELEVATION DETAIL

N.T.S.

NOTES:

1. AVAILABLE SPACE IN RACK IS FOR OWNER PROVIDED SWITCHES AND EQUIPMENT. EQUIPMENT PROVIDED BY OWNER'S TELECOM CONTRACTOR.

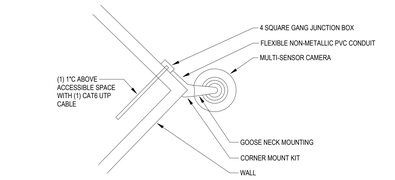


3 INTERIOR POLE MOUNT CAMERA DETAIL

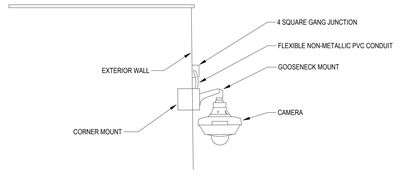
N.T.S.

NOTES:

1. ALL INTERIOR CAMERAS AND MOUNTING HARDWARE SHALL MATCH THE CEILING COLOR. PROVIDE CAT6 UTP AND INSTALL/HIDE CABLING WITHIN BAR JOIST TO NEAREST DATA CLOSET.



TOP ELEVATION



SIDE ELEVATION

1 EXTERIOR CORNER MOUNT CAMERA DETAIL

N.T.S.

KED bluestone
5018 NW 88th Street
Johnston, IA 50131
515-727-0750
www.KEDbluestone.com

PROJECT NUMBER: 126100
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN. THIS DRAWING AND THE DATA SHOWN ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

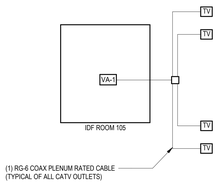
OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

TECHNOLOGY DETAILS **TM501**

EQUIPMENT	KED-BSE DRAWINGS - DEVICE LOCATIONS	EQUIPMENT BY OWNER	INSTALLATION OF EQUIPMENT	INSTALLATION OF CABLE	ROUGH-IN AND PATHWAY INSTALLATION	COMMENTS
TELEPHONE SYSTEM		X	OWNER			VOIP SYSTEM (Using existing system)
WIRELESS ACCESS POINTS - EQUIPMENT	X	X	OWNER	SECURITY ENGINEERING	EC	OWNER TO PROVIDE EQUIPMENT (DESIGN STILL NEEDED FOR DROP LOCATIONS AND DATA INSTALLATION BY SECURITY ENGINEERING)
WIRELESS ACCESS POINT ROUGH-IN - (1) CAT 6 PLENUM CABLING	X		SECURITY ENGINEERING	SECURITY ENGINEERING	EC	SECURITY ENGINEERING
HORIZONTAL CABLING CAT6 PLENUM CABLE-PHONE/PRINTERS/FAX/ANALOG TYPE CABLE	X		SECURITY ENGINEERING	SECURITY ENGINEERING	EC	SECURITY ENGINEERING
HORIZONTAL CABLING CAT6 PLENUM FOR FLOOR BOX - NETWORK	X		SECURITY ENGINEERING	SECURITY ENGINEERING	EC	SECURITY ENGINEERING
HORIZONTAL CABLING CAT6 PLENUM - CAMERA	X		SECURITY ENGINEERING	SECURITY ENGINEERING	EC	SECURITY ENGINEERING
HORIZONTAL CABLING CAT6 PLENUM - NETWORK	X		SECURITY ENGINEERING	SECURITY ENGINEERING	EC	SECURITY ENGINEERING
TESTING - FIBER AND CAT5A AND LABELING	x		SECURITY ENGINEERING	SECURITY ENGINEERING		SECURITY ENGINEERING
FIBER DISTRIBUTION CABINET	X		SECURITY ENGINEERING	SECURITY ENGINEERING		SECURITY ENGINEERING
RACK HORIZONTAL MANAGER	X		SECURITY ENGINEERING	SECURITY ENGINEERING		SECURITY ENGINEERING
RJ-45 JACKS AT WORKAREA AND IDF MODULAR PATCH PANEL	X		SECURITY ENGINEERING	SECURITY ENGINEERING	EC	SECURITY ENGINEERING
FACEPLATES	X		SECURITY ENGINEERING	SECURITY ENGINEERING	EC	SECURITY ENGINEERING
MODULAR PATCH PANEL	X		SECURITY ENGINEERING	SECURITY ENGINEERING	EC	SECURITY ENGINEERING
EQUIPMENT RACKS (4POST IN THE MDF AND 2POST IN IDF TYPE WITH VERTICAL (HORIZONTAL MANAGERS)	X		SECURITY ENGINEERING	SECURITY ENGINEERING		SECURITY ENGINEERING
COPPER PATCH CORDS AT RACK	X		SECURITY ENGINEERING	SECURITY ENGINEERING		SECURITY ENGINEERING
COPPER PATCH CORDS AT WORKSTATIONS	X		SECURITY ENGINEERING	SECURITY ENGINEERING		SECURITY ENGINEERING
BACKBONE FIBER OPTIC CABLING -TERMINATIONS BETWEEN THE MDF AND IDF ROOMS	X		SECURITY ENGINEERING	SECURITY ENGINEERING	EC	SECURITY ENGINEERING
FIBER PATH CORDS	X		SECURITY ENGINEERING	SECURITY ENGINEERING		SECURITY ENGINEERING
MDF/IDF ROOM - TELECOM TERMINAL BOARD, CONDUIT SLEEVES, OVERHEAD LADDER RACK AND GROUNDING BAR	X		EC	EC	EC	
NETWORK SWITCHES		X	BY OWNER	BY OWNER		EQUIPMENT TO BE PURCHASED BY OWNER
ROUTERS, MODEMS, PHONE EQUIPMENT, HANDSETS		X	BY OWNER	BY OWNER		EQUIPMENT TO BE PURCHASED BY OWNER
CONDUITS+J-BOXES					EC	
SERVICE PROVIDER CABLING TO THE MDF -NETWORK	X		UNITI	UNITI	EC	OWNER TO WORK WITH THERE PREFERRED INTEGRATOR AND COORDINATE ALL CONTRACTS OF ESTABLISHING SERVICE TO THE FACILITY
CONDUIT ROUTE FROM THE SERVICE PROVIDERS MEET ME POINT TO THE MDF IN ADMINISTRATION BUILDING. INCLUDES CONDUITS AND HANDHOLES INTO THE MDF/IDF ROOMS	X				EC	
WIRED BASKET TRAY	X				EC	
MASS NOTIFICATION / PAGING SPEAKERS - INTERIOR AND EXTERIOR	X	X	SECURITY ENGINEERING	SECURITY ENGINEERING	EC	SPEAKERS TO BE INSTALLED BY OWNER AND DATA CABLE TO BE INSTALLED BY SECURITY ENGINEERING
MASS NOTIFICATION / PAGING SYSTEM HEADEND	X		OWNERS VENDOR	OWNERS VENDOR	EC	INTERGRATED WITH EXISTING NOTIFICATION SYSTEM (INFORMACAST)
ACCESS CONTROL PANEL - LENEL ONGUARD	X		EC	EC	EC	TO BE PROVIDED BY SECURITY ENGINEERING (FACILITIES WORKING ON THIS)
CARD READERS- DUAL AUTHENTICATIONS	X		EC	EC	EC	TO BE PROVIDED BY SECURITY ENGINEERING (FACILITIES WORKING ON THIS)
CODE BLUE STATIONS INTERCOM/CAMERA PEDESTALS -CODE BLUE	X		EC	EC	EC	TO BE PROVIDED BY SECURITY ENGINEERING (FACILITIES WORKING ON THIS)
ELECTRIC LATCH/STRIKES -PROVIDED BY DOOR HARDWARE INTEGRATOR	X		EC	EC	EC	TO BE PROVIDED BY SECURITY ENGINEERING (FACILITIES WORKING ON THIS)
TCATNOC ROOD	X		CE	CE	CE	[SIHT NO GNIKROW SEITILICAF] GNIREENGNE YTRUCES YB DEDIVDRP EB OT
LOCKDOWN	X		EC	EC	EC	TO BE PROVIDED BY SECURITY ENGINEERING (FACILITIES WORKING ON THIS)
REQUEST TO EXIT	X		EC	EC	EC	TO BE PROVIDED BY SECURITY ENGINEERING (FACILITIES WORKING ON THIS)
PANIC ALARM SWITCHES	X		EC	EC	EC	TO BE PROVIDED BY SECURITY ENGINEERING (FACILITIES WORKING ON THIS)
CCTV CAMERA SYSTEM - SOFTWARE, CAMERAS LICENSES, AND STORAGE -AVIGILON		X	S			TO BE PROVIDED BY SECURITY ENGINEERING (FACILITIES WORKING ON THIS)
CCTV MONITOR -VIEWING STATION 55" TV	X		EC	EC	EC	TO BE PROVIDED BY SECURITY ENGINEERING (FACILITIES WORKING ON THIS)
CCTV CAMERAS INTERIOR AND EXTERIOR - AVIGILON	X		EC	EC	EC	TO BE PROVIDED BY SECURITY ENGINEERING (FACILITIES WORKING ON THIS)
AREA OF REFUGE MASTER HEADEND AND INTERCOM BUTTON AND WIRING	X		EC	EC	EC	
TV'S AND TV MOUNTS WITH BRIGHT SIGN DIGITAL MEDIA PLAYER -DIGITAL SIGNAGE LOCATIONS	X		EC	EC	EC	TRANSIT BUS MESSAGE BOARDS-ONLY -NO DIGITAL SIGNAGE LOCATIONS ANYWHERE ELSE FOR THE PROJECT
TRAINING ROOM AND CONFERENCE ROOM - FLOOR BOXES ONLY	X		EC	EC	EC	
TRAINING ROOM AV SYSTEM -TV'S TV MOUNTS, FRONT/REAR CAMERAS, AMPLIFIER, SPEAKERS, VIDEO CONFERENCE INTERFACE (SOFT CODEC- TEAMS / ZOOM) (HDMI INPUT AND CONTROLS FRONT OF ROOM)	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
CONFERENCE ROOM AV SYSTEM -TV'S TV MOUNTS, FRONT CAMERAS, AMPLIFIER, SPEAKERS, VIDEO CONFERENCE INTERFACE (SOFT CODEC- TEAMS / ZOOM) (HDMI INPUT AND CONTROLS AT CONFERENCE TABLE)	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
MEETING ROOM AV SYSTEM -CEILING PROJECTOR, CEILING PROJECTOR SCREEN, TV DISPLAYS FOR BACK OF HOUSE VIEWING, FRONT/REAR CAMERAS,AMPLIFIER, SPEAKERS, VIDEO CONFERENCE INTERFACE (SOFT CODEC- TEAMS / ZOOM) (HDMI INPUT AND CONTROLS AT LECTURN)	X		OWNERS VENDOR	OWNERS VENDOR	EC	OWNER CHECKING ON TO SEE IF PROVIDED BY OWNERS VENDOR OR TO BE PART OF THE CONSTRUCTION DOCUMENTS
TV'S AND TV MOUNTS WITH HDMI CABLING FOR PRESENTATION IN OFFICES TYPE-(SIZE ROOMS -(ENGR), CALL CENTER, SAFETY OFFICER, ACCOUNTING, FINANCE, DIV MANAGER, DEPUTY DIRECTOR, DIRECTOR, MAINTENANCE SUPERVISOR, FACILITY MANAGER, AND FACILITY MANAGER)	X		EC	EC	EC	
INTERCOM CAMERA/DOOR STATION AND INTERCOM MASTER STATION AT GATE ENTRANCES AND ENTRANCES INTO FACILTY - APHONE	X		EC	EC	EC	
UPS	X		EC	EC	EC	
TIME CLOCK LOCATIONS (NETWORK CABLING) • ADMIN BUILDING: CORR 113 ON WALL OF ROOM AND ROOM 158 LOCKER RM(TWO CLOCKS) • MAINT BLDG: CORR 101 • TRANSFER CNTR: INSIDE DOOR OF BREAK RM ON WALL ON THE RIGHT SIDE.	X		OWNERS VENDOR	OWNERS VENDOR	EC	TO BE PROVIDED BY SECURITY ENGINEERING (FACILITIES WORKING ON THIS)
PRINTER LOCATIONS (NETWORK CABLE) ADMIN BUILDING: OFFICE SUPPLIES 121, RECEPT 120, SAFETY HALLWAY, RECEPT 104, DISPATCH / RADIO ROOMS, CALL CENTER. MAINTENANCE BUILDING: MAINTENANCE SUPERVISOR OFFICE, ROOM123, TRANSFER BUILDING: CUSTOMER SERVICE ARA, AND ADMIN BUILDING ROOM 104 AND 105	X		EC	EC	EC	TO BE PROVIDED BY SECURITY ENGINEERING (FACILITIES WORKING ON THIS)
CATV JACKS: ADMIN BUILDING ROOMS -DIR RM 134, DEPUTY DIR RM 133, CONF RM 130, CONF RM 131, CONF RM 132, CONF RM 129, TRAIN RM 102, CHIEF SAFETY RM 140, SAFETY MAN RM 106, DISPATCH RM 151,RADIO RM 152 & 153, CALL CNTR RM 155, MEET RM 201. MAINT BLDG: BREAK RM 152, FACILITY MAN RM 104, MAIN MAN RM 122. TRANSFER CENTER: CUSTOMER WAITING RM, CUST SERV RM 336, AND BREAK RM 347	X		EC	EC	EC	
RADIO ROOM EQUIPMENT/ANTENNA LOCATIONS THE TWO RADIO ROOMS IN THE ADMIN BUILDING ARE THE ONLY ROOMS THAT WILL GET RADIOS INSTALLED.						EQUIPMENT TO BE RELOCATED FROM EXISTING LOCATION. OWNERS VENDOR (CES) TO RELOCATE/RE-INSTALL/TEST EQUIPMENT
CATV SYSTEM HORIZONTAL CABLE TO THE NEAREST MDF/IDF-NO SPLITTER, COUPLERS, OR TAPS	X		EC	EC	EC	
AMPLIFIERS	X		EC	EC	EC	



1 CATV RISER DIAGRAM

N.T.S.

NOTES:

1. SEE SPECIFICATION SECTION 274133 FOR ADDITIONAL INFORMATION.

KED bluestone
5518 NW 88th Street
Johnston, IA 50131
(515) 259-5957
www.KEDbluestone.com

PROJECT NUMBER : QSL00
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN. THIS DRAWING AND THE DATA SHOWN ARE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

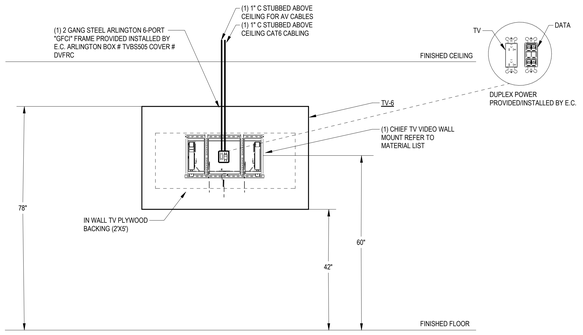
Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

TECHNOLOGY DETAILS **TM502**

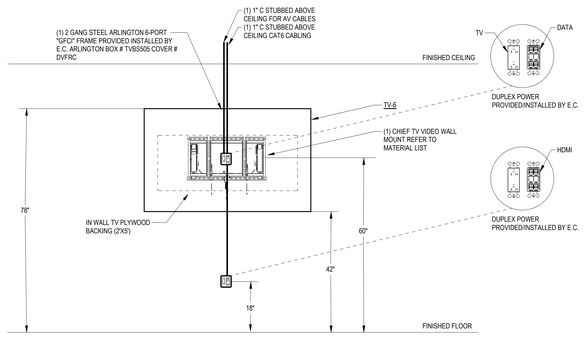


2 75" TV ELEVATION

N.T.S.

NOTES:

1. PROVIDE SHORTER POWER CORDS FOR TV.
2. PROVIDE (1) 1/2" THICK WALL BACKING FOR TV MOUNT.
3. HDMI AT DESK.



1 75" TV ELEVATION WITH HDMI

N.T.S.

NOTES:

1. PROVIDE SHORTER POWER CORDS FOR TV.
2. PROVIDE (1) 1/2" THICK WALL BACKING FOR TV MOUNT.

CAMERA SCHEDULE

CCTV CAMERA, PROVIDE FLUSH FOUR SQUARE JUNCTION BOX FOR CAMERA WITH 3/4" C. FROM DEVICE TO JUNCTION BOX LOCATED ABOVE ACCESSIBLE SPACE.
SUBSCRIPT "#" INDICATES SPECIFIC INFORMATION ON CAMERA CHARACTERISTICS.

REFER TO SPECIFICATION SECTION 282300 FOR ADDITIONAL INFORMATION.
REFER TO NETWORK SCHEDULE FOR FACEPLATE/RJ-45 JACK INFORMATION.

CAMERA NUMBER	CAMERA NAME	CAMERA MODEL	CAMERA TYPE	HEIGHT A.F.F.	FOV DISTANCE TO OBJECT	FOV UPPER LIMIT	FOV BOTTOM LIMIT	FOV ACTUAL FOCAL LENGTH	FOV RANGE OF LENS	REFER TO MOUNTING DETAIL	COMMENTS
1	WNW CORNER	AVIGILON ALTA H5A - CORNER MOUNT	MULTISENSOR CAMERA	15'-0"		11 13/16"	8'-6 3/8"				REFER TO 1/TM501 FOR EXTERIOR CORNER MOUNT CAMERA DETAIL.
2	WSW CORNER	AVIGILON ALTA H5A - CORNER MOUNT	MULTISENSOR CAMERA	15'-0"		11 13/16"	8'-6 3/8"				REFER TO 1/TM501 FOR EXTERIOR CORNER MOUNT CAMERA DETAIL.
3	BUS BAY 1/2	AVIGILON ALTA H5A - PENDANT MOUNT	MULTISENSOR DOME	15'-0"		11 13/16"	8'-6 3/8"				REFER TO 3/TM501 FOR INTERIOR POLE MOUNT CAMERA DETAIL.
4	BUS BAY 4/5	AVIGILON ALTA H5A - PENDANT MOUNT	MULTISENSOR DOME	15'-0"		11 13/16"	8'-6 3/8"				REFER TO 3/TM501 FOR INTERIOR POLE MOUNT CAMERA DETAIL.
5	BUS BAY 7	AVIGILON ALTA H5A - PENDANT MOUNT	MULTISENSOR DOME	15'-0"		11 13/16"	8'-6 3/8"				REFER TO 3/TM501 FOR INTERIOR POLE MOUNT CAMERA DETAIL.
6	S CORNER	AVIGILON ALTA H5A - CORNER MOUNT	MULTISENSOR CAMERA	15'-0"		11 13/16"	8'-6 3/8"				REFER TO 1/TM501 FOR EXTERIOR CORNER MOUNT CAMERA DETAIL.
7	PRS TL STR 114	AVIGILON ALTA H6M - WALL MOUNT	FIXED DOME CAMERAS	9'-0"	19'-8 7/32"	11 13/16"	8'-6 3/8"	2.4	2.4		REFER TO 2/TM501 FOR WALL MOUNT CAMERA DETAIL
8	CORRIDOR 124 S	AVIGILON ALTA H5A - PENDANT MOUNT	MULTISENSOR DOME	11'-0"		11 13/16"	8'-6 3/8"				REFER TO 3/TM501 FOR INTERIOR POLE MOUNT CAMERA DETAIL.
9	SE CORNER	AVIGILON ALTA H5A - CORNER MOUNT	MULTISENSOR CAMERA	15'-0"		11 13/16"	8'-6 3/8"				REFER TO 1/TM501 FOR EXTERIOR CORNER MOUNT CAMERA DETAIL.
10	VEST 100	AVIGILON ALTA H6M - CEILING MOUNT	FIXED DOME CAMERAS	10'-0"	19'-8 7/32"	11 13/16"	8'-6 3/8"	2.4	2.4		REFER TO 4/TM501 FOR CEILING CAMERA MOUNTING DETAIL.
11	PARTS ROOM 173	AVIGILON ALTA H5A - PENDANT MOUNT	MULTISENSOR DOME	9'-0"		11 13/16"	8'-6 3/8"				REFER TO 3/TM501 FOR INTERIOR POLE MOUNT CAMERA DETAIL.
12	COMP TLS 118	AVIGILON ALTA H6M - WALL MOUNT	FIXED DOME CAMERAS	9'-0"	19'-8 7/32"	11 13/16"	8'-6 3/8"	2.4	2.4		REFER TO 2/TM501 FOR WALL MOUNT CAMERA DETAIL
13	CORRIDOR 124 N	AVIGILON ALTA H5A - PENDANT MOUNT	MULTISENSOR DOME	9'-0"		11 13/16"	8'-6 3/8"				REFER TO 3/TM501 FOR INTERIOR POLE MOUNT CAMERA DETAIL.
14	W CORNER	AVIGILON ALTA H5A - CORNER MOUNT	MULTISENSOR CAMERA	15'-0"		11 13/16"	8'-6 3/8"				REFER TO 1/TM501 FOR EXTERIOR CORNER MOUNT CAMERA DETAIL.
15	PRS TL STR 121	AVIGILON ALTA H6M - WALL MOUNT	FIXED DOME CAMERAS	9'-0"	19'-8 7/32"	11 13/16"	8'-6 3/8"	2.4	2.4		REFER TO 2/TM501 FOR WALL MOUNT CAMERA DETAIL
16	E CORNER	AVIGILON ALTA H5A - CORNER MOUNT	MULTISENSOR CAMERA	15'-0"		11 13/16"	8'-6 3/8"				REFER TO 1/TM501 FOR EXTERIOR CORNER MOUNT CAMERA DETAIL.
17	BREAKROOM 102	AVIGILON ALTA H6M - WALL MOUNT	FIXED DOME CAMERAS	10'-0"	19'-8 7/32"	11 13/16"	8'-6 3/8"	2.4	2.4		REFER TO 2/TM501 FOR WALL MOUNT CAMERA DETAIL
18	SV BAY 7/8	AVIGILON ALTA H5A - PENDANT MOUNT	MULTISENSOR DOME	15'-0"		11 13/16"	8'-6 3/8"				REFER TO 3/TM501 FOR INTERIOR POLE MOUNT CAMERA DETAIL.
19	SV BAY 7/8	AVIGILON ALTA H5A - PENDANT MOUNT	MULTISENSOR DOME	15'-0"		11 13/16"	8'-6 3/8"				REFER TO 3/TM501 FOR INTERIOR POLE MOUNT CAMERA DETAIL.
20	NNW CORNER	AVIGILON ALTA H5A - CORNER MOUNT	MULTISENSOR CAMERA	0"		11 13/16"	8'-6 3/8"				REFER TO 1/TM501 FOR EXTERIOR CORNER MOUNT CAMERA DETAIL.
21	NNE CORNER	AVIGILON ALTA H5A - CORNER MOUNT	MULTISENSOR CAMERA	0"		11 13/16"	8'-6 3/8"				REFER TO 1/TM501 FOR EXTERIOR CORNER MOUNT CAMERA DETAIL.

DOOR SCHEDULE

REFER TO 4/TM500 FOR DOOR ROUGH-IN DETAIL.

DOOR NUMBER	CARD READER	DOOR CONTACT	REQUEST EXIT (PIR)	REQUEST EXIT (BUTTON)	ELECTRIC STRIKE	ELECTRIC LATCH	ELECTRIC PANIC	INTERCOM CAMERA	INTERCOM	BIOMETRIC READER	MAGNETIC LOCK	KEYPAD	LOCKDOWN (LD#)	DOOR SWITCH (DS#)
100	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	0	0
105	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	0	0
105	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	0	0
107A	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	0	0
107B	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	0	0
107C	No	Yes	Yes	No	No	No	No	No	No	No	No	No	0	0
111B	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	0	0
112A	No	Yes	No	No	No	No	No	No	No	No	No	No	0	0
116	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	0	0
120A	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	0	0
157C	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	0	0
157D	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	0	0
161A	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	0	0
167A	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	0	0
168A	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	0	0
228A	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	0	0
229B	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	0	0
CAMPANY TOOLS	Yes	No	Yes	No	Yes	No	No	No	No	No	No	No	0	0
MECH YARD	No	No	No	No	No	No	No	No	No	No	No	Yes	0	0
PART ROOM N	Yes	No	Yes	No	Yes	No	No	No	No	No	No	No	0	0
PART ROOM S	Yes	No	Yes	No	Yes	No	No	No	No	No	No	No	0	0

MASS NOTIFICATION SCHEDULE

SYMBOL	DESCRIPTION	MODEL
AMP	MASS NOTIFICATION AMPLIFIER WALL MOUNTED, TELEPHONE ACCESS MODULE	PROVIDED/INSTALLED BY OWNER AND DATA CABLE INSTALLED BY SECURITY ENGINEERING
S #	MASS NOTIFICATION SPEAKER OR DROP IN CEILING GRID SPEAKER - 8" MAIN CONE, 95HZ TO 20KHZ FREQUENCY RESPONSE, TRANSFORMER, 70V/25V LINE, POWER TAPS OF 4, 2, 1, 1/2, AND 1/4 WATTS. SUBSCRIPT "P" FOR PENDANT TYPE SPEAKER	PROVIDED/INSTALLED BY OWNER AND DATA CABLE INSTALLED BY SECURITY ENGINEERING

NETWORK SCHEDULE

LABEL	DESCRIPTION	MODEL
CT-1	REFER TO 260536 FOR ADDITIONAL INFORMATION.	CABLOFIL CF105/330EZ B-LINE FLEXTRAY CHATSWORTH COPE
ER-2	EQUIPMENT RACK, 4 POST, CAGE NUT RAILS, 84"H, 23"W, 30"D, BLACK, 45RU	PROVIDED/INSTALLED BY OWNER'S INTEGRATOR
FDC-2	OPTICAL FIBER DISTRIBUTION CABINET, SINGLEMODE FIBER COMBINATION SHELF FOR 72 LC TERMINATIONS, 4RU	PROVIDED/INSTALLED BY OWNER'S INTEGRATOR
LR-1	LADDER RACK, 18"W TUBULAR STEEL	PROVIDED/INSTALLED BY OWNER'S INTEGRATOR
MPP-1	FLAT MODULAR PATCH PANEL 48 PORT	PROVIDED/INSTALLED BY OWNER'S INTEGRATOR
MTGB	PRE-ASSEMBLED BUS COPPER GROUND BAR.	PANDUIT GB2B0312TPI-1 NEWTON INSTRUMENTS ERICO STORM COPPER COMPONENTS GEORGIA COPPER OR AN APPROVED EQUAL
TTB-1	TELECOMMUNICATION TERMINAL BOARD; 3/4" PLYWOOD 4' X 8', PAINTED WHITE WITH FIRE RETARDANT PAINT.	
VM-1	VERTICAL WIRE MANAGEMENT 6" WIDE, SLACK LOOPS, WITH HINGED DOORS.	PROVIDED/INSTALLED BY OWNER'S INTEGRATOR
WM-1	WIRE MANAGEMENT HORIZONTAL 2 RACK UNITS	PROVIDED/INSTALLED BY OWNER'S INTEGRATOR

CATV SCHEDULE

SYMBOL	DESCRIPTION	MODEL
VA/1	PROFESSIONAL QUALITY, TWO WAY. BROADBAND INDOOR MULTI CHANNEL RF DISTRIBUTION AMPLIFIER. PROFESSIONAL QUALITY, TWO WAY. WALL MOUNTED.	BLONDER TONGUE BIDA 750-30
TV	WALL CATV/INFORMATION OUTLET BW (1) 4 SQUARE BOX, SINGLE GANG PLASTER RING, FLUSH MOUNTED ON WALL OR AS NOTED ON PLANS. PROVIDE (1) CAT6 UTP HORIZONTAL CABLE. PROVIDE (1) HDMI CABLE BETWEEN CATV OUTLET BOX AND HDMI ROUGH-IN. REFER TO #### FOR INFORMATION OUTLET TYPES.	FACEPLATE: PANDUIT CFPE1IGY BLANK PLATE: PANDUIT CMBWH-X F-CONNECTOR: PANDUIT CMFWH JACK: CAT6: PANDUIT CJ688TGWH HDMI CABLE: EXTRON

ACCESS CONTROL SCHEDULE

SYMBOL	DESCRIPTION	MODEL
AC	ACCESS CONTROLLED DOOR. REFER TO DOOR SCHEDULE FOR DOOR INFORMATION.	
AS	ALARM SWITCH/DURESS BUTTON SHALL BE SURFACE MOUNTED UNDERNEATH WORK SURFACE. E.C. SHALL COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION. E.C. SHALL PROVIDE 22-2 WIRE BETWEEN ALARM SWITCH DEVICES AND CONTROL PANEL. [WIRELESS DEVICE] SECURITY VENDOR SHALL TEST MONITORING SYSTEM AFTER INSTALLATION.	PROVIDED/INSTALLED BY SECURITY ENGINEERING
CR #	CARD READER - PROVIDE FLUSH SINGLE GANG JUNCTION BOX FOR CARD READER. FROM DEVICE TO JUNCTION BOX TO ABOVE ACCESSIBLE SPACE. MOUNT AT 42" A.F.F. SUBSCRIPT "M" FOR MULLION MOUNT.	PROVIDED/INSTALLED BY SECURITY ENGINEERING
DC	DOOR CONTACT - PROVIDE 1" DIAMETER HOLE IN THE FRAME. SNAP LOCK INSULATION BUSHING FOR TIGHT FIT.	PROVIDED/INSTALLED BY SECURITY ENGINEERING
ES	ELECTRIC STRIKE - CONCEALED WITH TAMPER REISSTANT [12 OR 24] VAC.	PROVIDED/INSTALLED BY SECURITY ENGINEERING
KP	KEYPAD - PROVIDE FLUSH SINGLE GANG JUNCTION BOX FOR KEYPAD WITH 3/4"C. FROM DEVICE TO JUNCTION TO ABOVE ACCESSIBLE SPACE. MOUNT AT 42" A.F.F. SUBSCRIPT "M" FOR MULLION MOUNT. REFER TO DOOR ELEVATION FOR ADDITIONAL INFORMATION.	PROVIDED/INSTALLED BY SECURITY ENGINEERING
REX	REQUEST TO EXIT. PROVIDE A FLUSH MOUNTED SINGLE GANG JUNCTION BOX CENTERED 12" ABOVE DOOR FRAME. CONNECTED TO DOUBLE GANG J-BOX ABOVE THE CEILING.	PROVIDED/INSTALLED BY SECURITY ENGINEERING

AV SCHEDULE

SYMBOL	DESCRIPTION	MODEL
MPWP-1	MEDIA PRESENTATION WALL PLATE. PROVIDE DOUBLE GANG BOX WITH 1" C. TO ABOVE ACCESSIBLE CEILING REFER TO FLOORPLAN FOR LOCATIONS.	REFER TO SPECIFICATION SECTION 274100 FOR ADDITIONAL INFORMATION.
TV-6	TV MONITOR 75" WITH BUILT IN SPEAKERS AND MOUNTING HARDWARE. COORDINATE LOCATION OF TV MONITOR AND MOUNTING HARDWARE PRIOR TO INSTALLATION.	REFER TO SPECIFICATION SECTION 274100 FOR ADDITIONAL INFORMATION.

CLOCK SCHEDULE

SYMBOL	DESCRIPTION	MODEL
C	BATTERY TYP CLOCK	PROVIDED/INSTALLED BY OWNER

KED bluestone
5618 NW 88th Street
Johnston, IA 50131
515-727-2700
www.KEDbluestone.com
PROJECT NUMBER: CBU09
KEDbluestone RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF KEDbluestone AND SHALL NOT BE USED OR REPRODUCED IN ANY MANNER WITHOUT THE PRIOR EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF KEDbluestone. © 2026 KEDbluestone

ESCAMBIA COUNTY AREA TRANSIT - FACILITY:
02 - MAINTENANCE BUILDING
20 CLARINDA LN
PENSACOLA, FL 32505

Architect of Record:
ADG
800 SW ADAMS STREET, SUITE 101
PEORIA, IL 61602
P - 309.672.6948

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
HODGSON DOUGLAS LANDSCAPE
12001 N. CENTRAL EXPRESSWAY, SUITE 1170
DALLAS, TX 75243
P - 214.749.0333

Discipline:
RLG CONSULTING ENGINEERS
12001 N CENTRAL, EXPY #300
DALLAS, TX 75243
P - 214.739.8100

Discipline:
KEDbluestone
707 NE JEFFERSON AVE,
PEORIA, IL 61602
P - 515.259.5957

Discipline: Owner Consultant
QSC SERVICES, LLC
PMB #69
545 BRENT LN. PENSACOLA, FL
P - 309.231.8272

OWNER ID:
Design and Construction Administration Division
ESCAMBIA COUNTY, FL
100 E. BLOUNT ST. PENSACOLA, FL 32501

Revisions

PROJECT NO. 2613
STATUS BID PACKAGE 2 - NOT FOR CONSTRUCTION
DATE 10/22/2026
DRAWN BY ADG

TECHNOLOGY SCHEDULES **TM600**