

RESPONSIBILITY SCHEDULE

ITEM DESCRIPTION:	SUPPLIED			INSTALLED		
	G.C.	OWNER	OTHER	G.C.	OWNER	OTHER
ALL MILLWORK, FIXTURES AT BOOTHS AND SCREEN WALLS (M.W.C.)		X			X	
MANAGER DESK	X			X		
FLOOR TILE AND WALL TILE		X		X		
INTERIOR WALL GRAPHICS		X		X		
INTERIOR WALL FINISHES	X			X		
RESTROOM	G.C.	OWNER	OTHER	G.C.	OWNER	OTHER
TOILET PAPER DISPENSER	X			X		
SANITARY NAPKIN DISPOSAL UNIT	X			X		
WALL MOUNTED SOAP DISPENSER	X			X		
BABY CHANGER	X			X		
STAINLESS STEEL GRAB BARS	X			X		
MIRROR	X			X		
ROOM IDENTIFICATION / HANDICAPPED SYMBOL	X			X		
FOOD SERVICE	G.C.	OWNER	OTHER	G.C.	OWNER	OTHER
ALL FOOD SERVICE EQUIPMENT (FINAL CONNECTIONS BY E.C. AND P.C.)		X		X		
S.S. CORNER GUARDS (S.S.C.)	X			X		
PLUMBING	G.C.	OWNER	OTHER	G.C.	OWNER	OTHER
REFER TO P1-P3						
ELECTRIC	G.C.	OWNER	OTHER	G.C.	OWNER	OTHER
REFER TO E1-E3						
MECHANICAL	G.C.	OWNER	OTHER	G.C.	OWNER	OTHER
REFER TO M1.0						
ADDITIONAL ITEMS	G.C.	OWNER	OTHER	G.C.	OWNER	OTHER
COAT HOOKS (M.W.C.)	X			X		
EXTERIOR SIGNAGE, (INCLUDING DISCONNECTS FINAL CONNECTIONS BY E.C.)		X		X		
A.D.A. SIGNAGE (RESTROOM, PHONE)	X			X		
ATM, SAFE, BOLT DOWN TO FLOOR		X		X		
FIRE EXTINGUISHERS		X			X	
KNOX BOX (IF REQUIRED)	X			X		
AS BUILT DRAWINGS	X			X		

GENERAL NOTES

A. This schedule is intended as a "quick" reference. All items listed are specified and detailed on these drawings. If the contractor encounters items that are contradictory it is the responsibility of the contractor to inform the Construction Manager so that these items can be clarified prior to bid.

REMARKS

OWNER

ALT PENSACOLA INC.

Abu Mridha
4288 Sounside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

ENGINEERS

MDM SERVICES, INC.
 engineering • environmental • construction

1055 KATHLEEN ROAD,
 LAKELAND, FLORIDA 33805
 PHONE: (863) 646-9130
 2151 W HILLSBORO BOULEVARD, SUITE 401
 DEERFIELD BEACH, FL 33442
 (954) 427-3076

CONTACT: PROJECT MANAGER – JUAN LLUGDAR
 Phone: (863) 646-9130 EXT. 114 (OFFICE)
 (850) 553-1318 (MOBILE)

ENGINEER: Richard R. Morris, P.E.
 PHONE: (954) 427-3076, Ext 302
 EMAIL: russ.morris@mdmservices.com

(PAR. ID# 18-1S-30-5201-000-014)

DEVELOPMENT CONTACTS

BUILDING:

SANTA ROSA COUNTY
 PLANNING AND ZONING
 SUNNY NORTROP
 6051 OLD BAGDAD HIGHWAY, SUITE 202
 MILTON, FL 32583
 Phone: (850) 981-7000

CODE INFORMATION

1. APPLICABLE CODES:

BUILDING: 2020 FLORIDA BUILDING CODE 7TH EDITION - BUILDING
 PLUMBING: 2020 FLORIDA BUILDING CODE 7TH EDITION - PLUMBING
 MECHANICAL: 2020 FLORIDA BUILDING CODE 7TH EDITION - MECHANICAL
 ANSIA/ASHRAE/IESNA 90.1
 ELECTRICAL: 2017 NFPA 70: NATIONAL ELECTRICAL CODE
 ACCESSIBILITY: 2020 FLORIDA BUILDING CODE 7TH EDITION - ACCESSIBILITY
 2010 ADA GUIDELINES
 FIRE: 2020 FLORIDA BUILDING CODE 7TH EDITION - FUEL GAS
 2021 NFPA NATIONAL FIRE CODES

2. BUILDING DESCRIPTION (EXISTING):

CONSTRUCTION TYPE: V-B, UNPROTECTED
 OCCUPANCY/USE GROUP: M - MERCANTILE
 ALLOWABLE AREA: 9,000 SQ. FT. ACTUAL: 6625 SF
 ALLOWABLE HEIGHT: 1 STORIES (40 FT.) ACTUAL: 1 STORY
 WIND: ASCE 7-16, Vult 150 MPH, Vasd 116 MPH, EXPOSURE B, IMP. FACT. 1.0
 SOILS: DESIGN BEARING CAPACITY (FBC 1818.1)
 ALLOWABLE BEARING CAPACITY (FBC 1818.2)
 BY A WAY OF RECOGNIZED TESTS
 COMPONENT & CLADDING PRESSURE: +/- 0.18
 ROOF DESIGN LIVE LOAD: 30 PSF

3. PLUMBING FIXTURES:

OCCUPANT LOAD FOR PLUMBING REQUIRED:
 MEN: 1 WC, 1 LAV,
 WOMEN: 1 WC, 1 LAV
 SERVICE SINK: 1
 DRINKING FOUNTAIN: 1

PROVIDED:
 MEN: 1 WC, 1 UR, 3 LAV
 WOMEN: 2 WC, 3 LAV
 SERVICE SINK: 1
 DRINKING FOUNTAIN: 2 (HILO)

NOTE:

THE PRIMARY STRUCTURAL ELEMENTS OF THIS PROJECT ARE NOT CONSIDERED "LIGHT FRAME CONSTRUCTION" (FORMED BY A SYSTEM OF REPETITIVE WOOD OR LIGHT GAUGE STEEL FRAMING MEMBERS); THEREFORE, THIS PROJECT IS NOT REQUIRED TO HAVE "LIGHT FRAME CONSTRUCTION SIGNS."

DWG. NO.	COVER SHEET
■ CV-B	COVER SHEET
BUILDING	
■ A-1.0	LIFE SAFETY & EGRESS ACCESSIBILITY FLOOR PLAN
■ A-1.1	ACCESSIBILITY STANDARD, NOTES & DETAILS
■ A-1.1.1	FIRE & SMOKE PROTECTION FLOOR PLAN
■ A-1.2	FLOOR PLAN AND ROOM FINISH SCHEDULES
■ A-1.2.1	FLOOR TILE PLAN
■ A-1.3	FINISH DIMENSION FLOOR PLAN, WALL TYPES AND ENLARGED RESTROOM
■ A-1.4	EQUIPMENT PLAN
■ A-1.5	EQUIPMENT LIST
■ A-1.6	REFLECTED CEILING PLAN
■ A-1.7	ROOF PLAN AND DETAILS
■ A-1.7.1	ROOFING SPECIFICATIONS
■ A-1.8	FLOOR PENETRATION PLAN
■ A-1.9	SECURITY SYSTEM FLOOR PLAN
■ A-2.1	EXTERIOR ELEVATIONS
■ A-3.1	INTERIOR ELEVATIONS
■ A-3.2	INTERIOR ELEVATIONS
■ A-3.3	INTERIOR ELEVATIONS
■ A-4.0	BUILDING SECTIONS
■ A-5.1	EXTERIOR WALL SECTIONS
■ A-5.2	EXTERIOR WALL SECTIONS
■ A-6.0	ROOM KEY PLAN, DOOR/WINDOW SCHEDULE & TYPES NOTES
■ A-8.1	EXTERIOR ARCHITECTURAL DETAILS
■ A-8.2	EXTERIOR ARCHITECTURAL DETAILS
■ A-8.3	EXTERIOR ARCHITECTURAL DETAILS
■ A-8.4	EXTERIOR ROOF LADDER DETAILS
■ A-9.1	INTERIOR ARCHITECTURAL DETAILS
■ A-9.2	INTERIOR ARCHITECTURAL DETAILS
■ A-9.3	INTERIOR ARCHITECTURAL DETAILS

STRUCTURAL	
■ S-1.1	GENERAL STRUCTURAL NOTES
■ S-2.1	FOUNDATION PLAN
■ S-2.2	ROOF FRAMING PLAN
■ S-3.1	STRUCTURAL DETAILS
■ S-3.2	STRUCTURAL DETAILS

MECHANICAL	
■ M-1.1	MECHANICAL FLOOR PLAN
■ M-1.1.1	MECHANICAL ROOF PLAN
■ M-1.2	MECHANICAL DETAILS
■ M-1.2.1	MECHANICAL DETAILS
■ M-1.2.2	MECHANICAL NOTES
■ M-1.3	MECHANICAL SPECIFICATIONS

PLUMBING	
■ P-1.1	SANITARY WASTE FLOOR PLAN
■ P-1.1.1	PLUMBING ROOF PLAN
■ P-1.1.2	WATER SUPPLY FLOOR PLAN
■ P-1.2	PLUMBING SCHEMATICS
■ P-1.3	PLUMBING SPECIFICATIONS

ELECTRICAL	
■ E-0.0	ELECTRICAL LEGENDS
■ E-0.1	ELECTRICAL SPECIFICATIONS
■ E-1.0	ELECTRICAL SITE PLAN
■ E-2.0	ELECTRICAL FLOOR PLAN
■ E-3.0	ELECTRICAL CEILING PLAN
■ E-4.0	LOW VOLTAGE PLAN
■ E-5.0	ELECTRICAL RISER PLAN
■ E-6.0	ELECTRICAL PANEL SCHEDULES
■ E-7.0	ELECTRICAL EQUIPMENT DETAILS

GENERAL PROJECT NOTES

- All construction shall comply with applicable building codes and local restrictions. Contractors must comply with contractor registration requirements of all governing authorities.
- Approved plans shall be kept in a plan box and shall not be used by workmen. All construction sets shall reflect same information. Contractor shall maintain one complete set of plans on the premises in good condition at all times. This shall include all addenda.
- The contractor shall field verify all conditions and dimensions prior to starting any work and shall be responsible for all work and materials including those furnished by subcontractors and owner.
- Discrepancies between portions of the contract documents, drawings and specifications are not intended. The contractor is to clarify any such discrepancies with the owner prior to commencing work.
- Stated dimensions take precedence over graphics. do not scale drawings to determine locations. The owner shall be notified of any such discrepancies prior to continuing with work.
- Contact owner for instructions prior to the continuation of work should any unusual conditions become apparent during grading or foundation construction. Existing elevations and locations to be joined shall be verified by the contractor prior to construction. If they differ from those shown on the drawings, the contractor shall notify the owner so that modifications can be made before proceeding with the work.
- It shall be the responsibility of the contractor to locate all existing utilities whether shown herein or not and to protect them from damage. The contractor shall bear the expense of repair or replacement of utilities or other property damaged by operations in conjunction with the execution of the work after so located.
- For construction details not shown, use the manufacturer's approved shop drawings / data sheets in accordance with the project specifications.
- Fire extinguishers to be installed at heights designated by owner and in compliance with local fire code. Final fire extinguisher locations shall be approved by fire marshal.
- All construction must meet 2020 FBC Building Code 7th Edition regardless of supplier as required by Jurisdiction, State, and Local Authority.
- G.C. to get application for "knox/access box" from the fire marshals office. Box is to be installed prior to final inspection.
- A letter from the Pesticide Company explaining the method termite protection will be provided by the contractor upon permit approval of the building's drawing set

VERSION:

DATES	STORE NUMBER
■	TBD
■	MDM PROJECT NUMBER
■	18012
■	
■	
■	
■	

CV-B

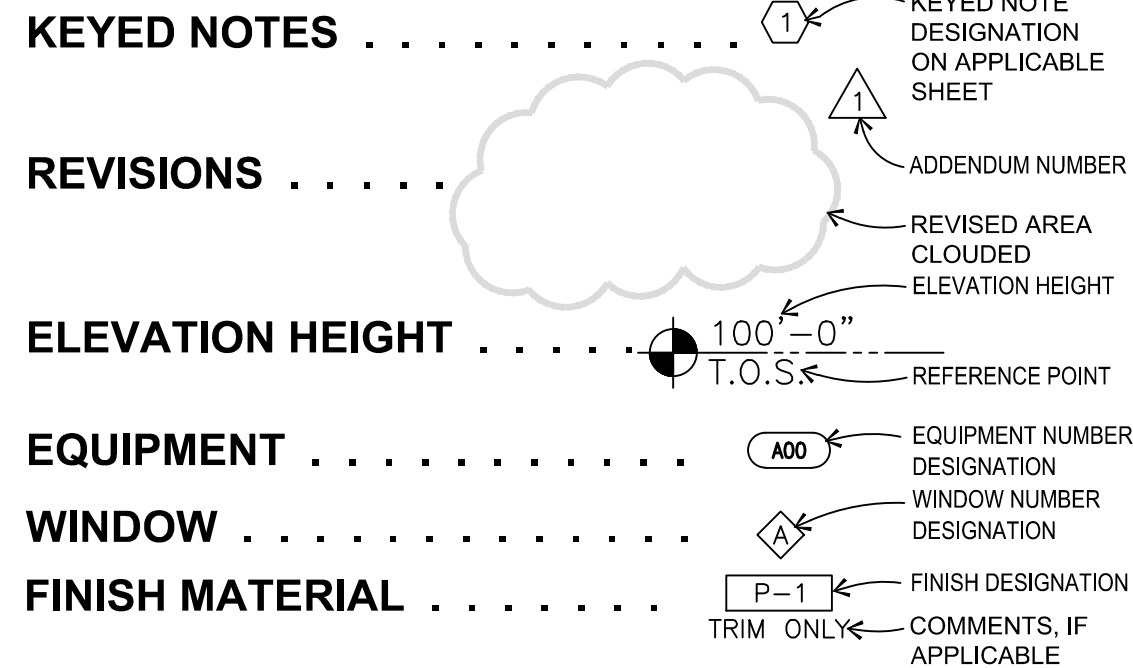
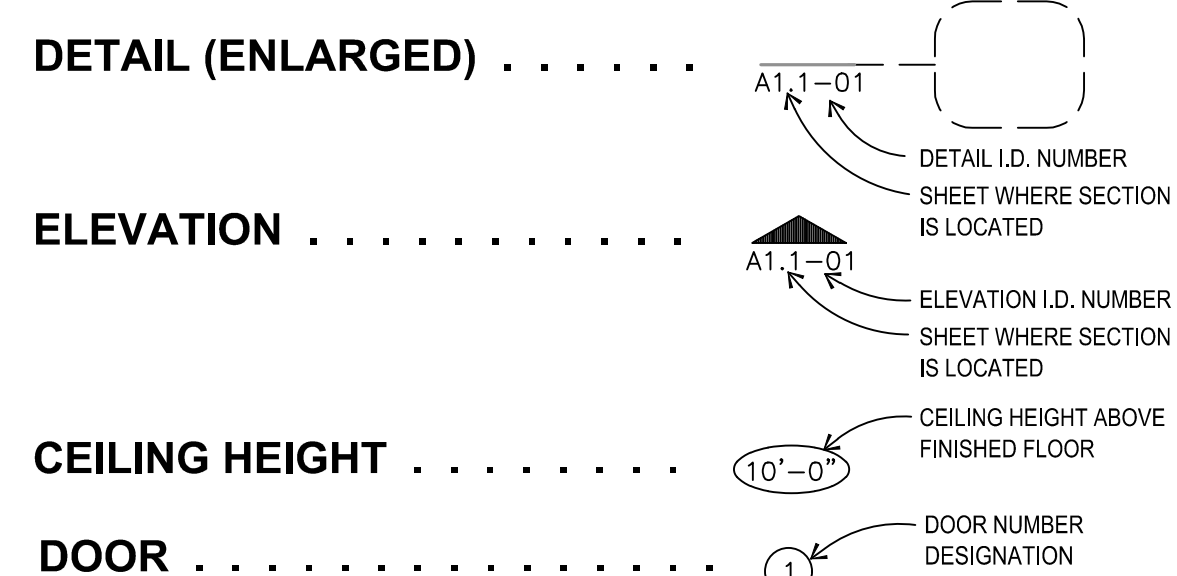
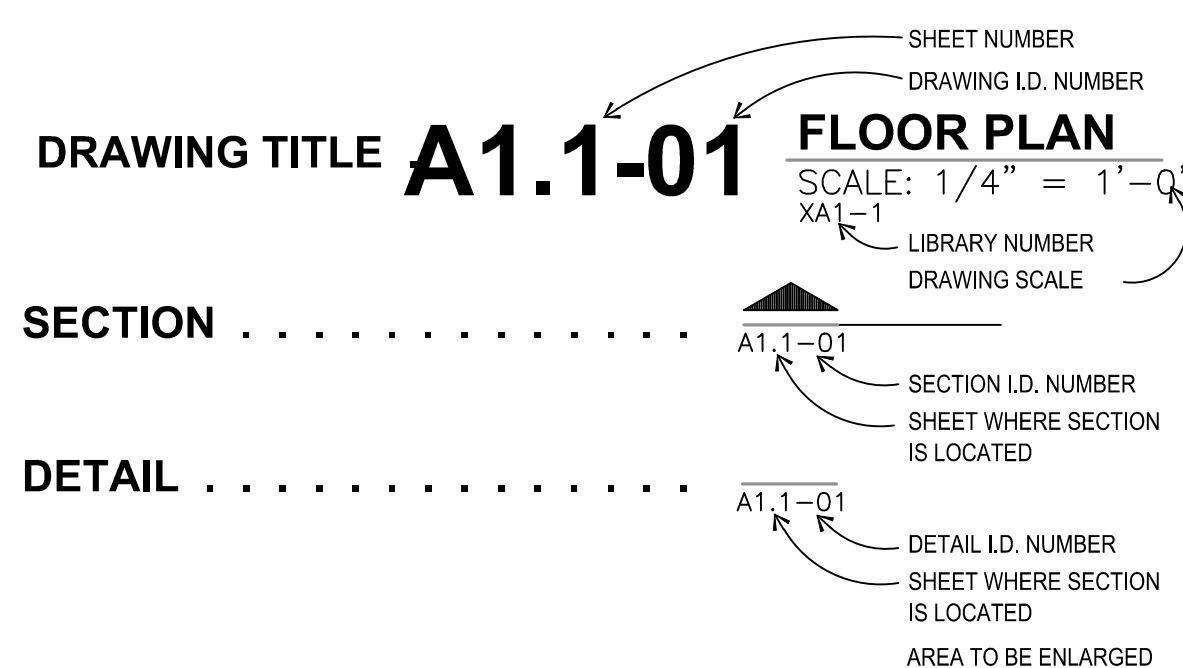
FLORIDA BUILDING CODE: PRODUCT APPROVAL SCHEDULE

MANUFACTURER	MODEL #	CAT.	SUBCAT.	FL #
KAWNEER COMPANY, INC OR EQUAL	TRIFAB 451	ENTRY DR.	SWINGING	14287-R7
KAWNEER COMPANY, INC OR EQUAL	TRIFAB 451	WIND. SYS.	STOREFRONT	14287-R7
FIRESTONE OR EQUAL	--	ROOFING	MBRS	10264-R14
PRECISION ALUMINUM PRODUCTS, INC.	--	STR. COMP.	A/C STAND	16921-R3
NUCOR - VULCRAFT SC OR EQUAL	--	STR. COMP.	ROOF DECK	9942-R5
VISION HOLLOW METAL LIMITED	LS2075	EXIT DOOR	SWINGING	NOA-14-0513.03

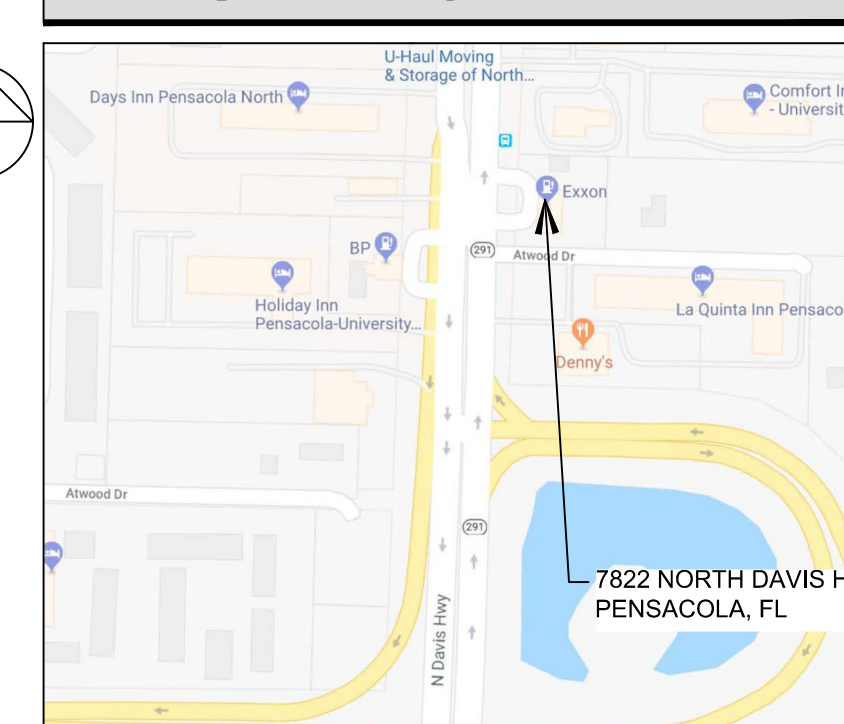
GENERAL NOTES

A. Any item substituted by the G.C. must meet Florida Product Approval and the G.C. shall list the Product Approval Number per the Florida Building Code.

SYMBOLS LEGEND



SITE VICINITY MAP



ISSUED FOR BID 03/08/2024
 7822 NORTH DAVIS HIGHWAY, PENSACOLA, FL 32507, PENSACOLA BLDG.

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 757 Beal Parkway NW
 Fort Walton Beach, FL 32547
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33855
 Phone: (863) 646-9130
 FL, CA, #4857

NO. DATE REVISION DESCRIPTION

MICHAEL ROBINSON
 FLORIDA P.E. REG # 28512

**6,625 SQ. FT.
 BUILDING**

SITE DESIGNATIONS:

NEW CONVENIENCE STORE

**7822 NORTH DAVIS HIGHWAY
 PENSACOLA, FLORIDA
 32514**

SCALE: AS NOTED MDM JOB # 18012

DATE: 03-16-2021

DESIGNED BY: PH

DRAWN BY: PH FILE NAME: 01 18012 01 A1.0.DWG

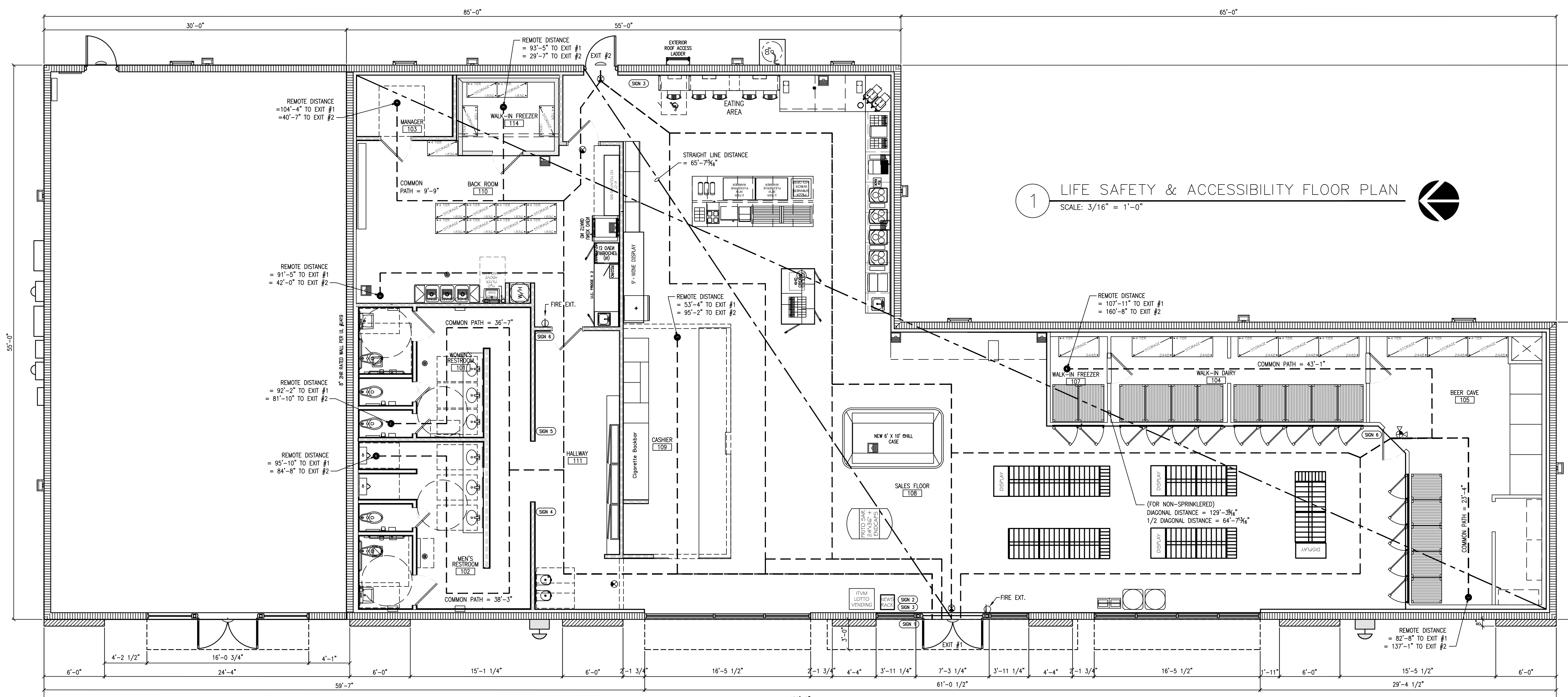
CHECKED BY:

DRAWING TITLE:
LIFE SAFETY & EGRESS ACCESSIBILITY FLOOR PLAN

SHEET NO.:

A1.0

ISSUED FOR BID 03/08/2024



1 LIFE SAFETY & ACCESSIBILITY FLOOR PLAN
 SCALE: 3/16" = 1'-0"

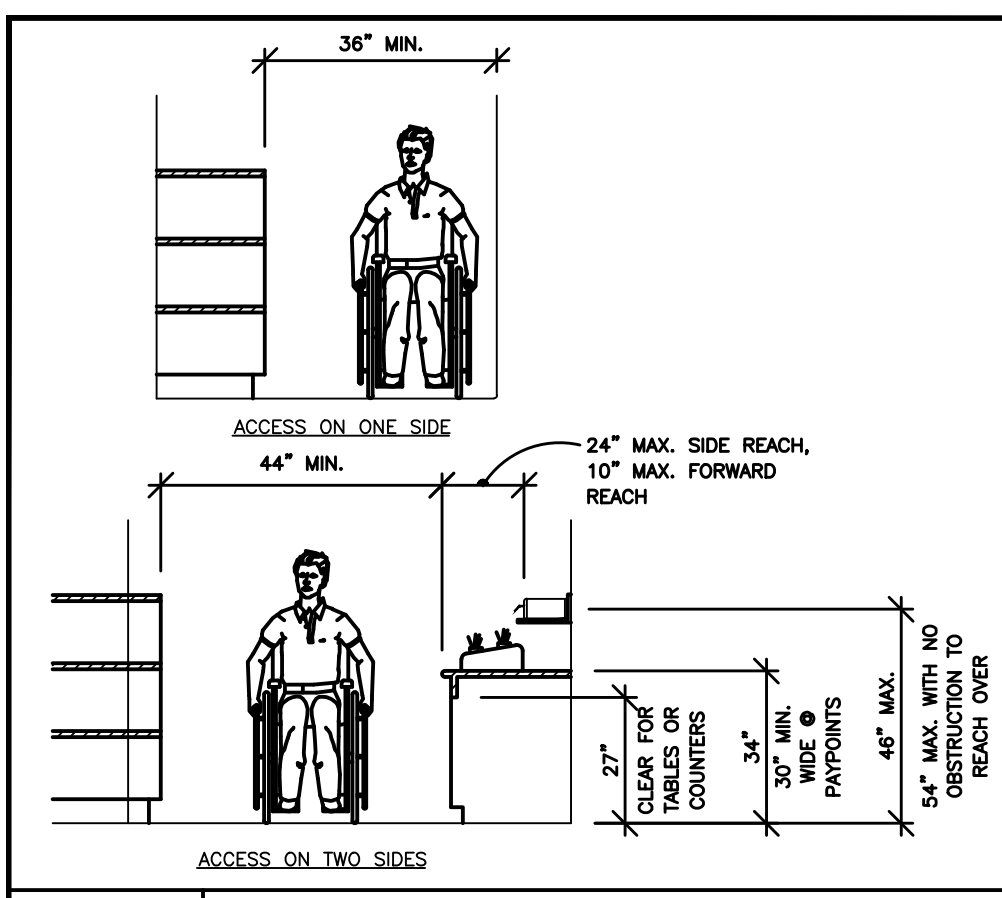
BUILDING CODE ANALYSIS/ FIRE CODE ANALYSIS **OCCUPANT LOAD CALCULATION** **ACCESSIBILITY SIGNS** **GENERAL NOTES**

	2020 FBC 7TH EDITION	FFPC, NFPA 101	PROPOSED
OCCUPANT INFORMATION THIS BUILDING WILL BE OCCUPIED WITH ONE TENANT. ALL EXTERIOR AND INTERIOR UNDER THIS PERMIT.	AUTOMATIC SPRINKLER SYSTEM THIS BUILDING IS NON SPRINKLERED	FIRE ALARM SYSTEM THIS BUILDING IS TO BE PROTECTED BY A FIRE ALARM SYSTEM	
OCCUPANCY CLASSIFICATION	CHAPTER 3, SEC 309.1 M (MERCANTILE)	CHAPTER 36.2.6.1 M (MERCANTILE)	
ALLOWABLE BUILDING HEIGHT & AREA	9000 S.F. 40 FEET	-- --	6,625 SF 23'-8"
CONSTRUCTION TYPE	TABLE 601 TYPE - VB (NON SPRINKLERED)	TABLE A.8.2.1.2 TYPE - V (000)	
EXIT CAPACITY EGRESS WIDTH PER PERSON =	SEC 1005.1 0.2" PER PERSON	TABLE 7.3.3.1 0.2" PER PERSON	136* (EGRESS CAPACITY 680 PERSON)
MINIMUM NUMBER OF EXITS REQUIRED PROPOSED	TABLE 1006.3.1 (1-500 PERSONS) - 2	Sect. 36.2.4 (1-500 PERSONS) - 2	3
COMMON PATH LIMIT DEAD-END LIMIT TRAVEL DISTANCE LIMIT	S-1 TABLE 1014.3 MERCANTILE STORAGE TABLE 1006.2.1 75' 75' SEC. 1020.4 20' 20' TABLE 1017.2 200' 200'	Table A.7.6 (ANNEX A) MERCANTILE STORAGE 75' 75' 20' 20' 200' 200'	< 75' < 20' < 200'
ARRANGEMENT MEANS OF EGRESS: REQUIRED DISTANCE BETWEEN EXIT DOORS	WHERE TWO EXITS OR EXIT ACCESS DOORWAYS ARE REQUIRED FROM ANY PORTION OF THE EXIT ACCESS, THE EXIT DOORS OR EXIT ACCESS DOORWAYS SHALL BE PLACED A DISTANCE APART EQUAL TO NOT LESS THAN ONE-HALF OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE BUILDING OR AREA TO BE SERVED MEASURED IN A STRAIGHT LINE BETWEEN EXIT DOORS OR EXIT ACCESS DOORWAYS. INTERLOCKING OR SCISSOR STAIRS SHALL BE COUNTED AS ONE EXIT STAIRWAY AS PER 2020 FBC 7TH EDITION, SECTION 1007.1.1		
	ACTUAL STRAIGHT LINE DISTANCE BETWEEN EXITS EXIT #1 TO #2 = 65'-7 3/4"		
	ACTUAL STRAIGHT LINE ACROSS PUBLIC AREA: DIAGONAL AT PUBLIC AREA = 129'-3 3/4"		
	1/2 DIAGONAL = 64'-7 3/4"		
	CONCLUSION = = 65'-7 3/4" IS GREATER THAN 64'-7 3/4" (MEETS CODE FOR NON-SPRINKLERED BUILDING)		

NOTE: BASED ON 2020 FBC 7TH EDITION TABLE 1004.1.2 AND FFPC NFPA 101 TBL. 7.3.1.2 HIGHEST OCCUPANCY FACTOR WAS USED TO DETERMINE HIGHEST OCCUPANCY LOAD			
LABEL	ROOM NAME	OCCUPANCY OF SPACE AS PER TABLE 1004.1.2 2020 FBC	AREA
108	SALES AREA/BEER CAVE	MERCANTILE	2,927 SF
110	BACKROOM / WALK-IN COOLER AREAS	STORAGE	775 SF
103	MANAGER OFFICE	BUSINESS	57 SF
TOTAL OF OCCUPANTS			51
BUILDING AREAS			
	C-STORE SALES:	2,532 S.F.	
	BEER CAVE:	395 S.F.	
	WALK-IN COOLERS:	354 S.F.	
	HALLWAY/RESTROOMS (ALL):	737 S.F.	
	BACKROOM:	421 S.F.	
	OFFICE:	57 S.F.	
	TOTAL S.F.:	4,496 S.F.	
	GROSS C-STORE BLDG AREA:	4,589 S.F.	
	*GROSS BLDG AREA:	6,625 S.F.	
	*OUT/OUT EXTERIOR WALLS		
LEGEND			
	= ROUTE FROM THE REMOTEST ROOM OR SPACE TO NEAREST EXIT.		= EMERGENCY LIGHT
	= DIAGONAL DISTANCE OF THE BUILDING OR AREA		= 2x4 LAY-IN FIXTURE W/ EMERGENCY BALLAST
	= STRAIGHT LINE DISTANCE BETWEEN EXITS		= FIRE EXTINGUISHERS SHALL BE LOCATED PER THE REQUIREMENTS OF NFPA 101. THE SIZE SHALL BE A MINIMUM OF 2-4-10-BC (MIN. OF 2) AND INSTALLED AT 48" MAX. A.F.F.
	= MOST REMOTE POINT WITHIN THIS AREA		= LED SECURITY LIGHT WITH BATTERY BACK-UP
	= EXIT TACTILE SIGN		
	= ILLUMINATED EXIT SIGN		

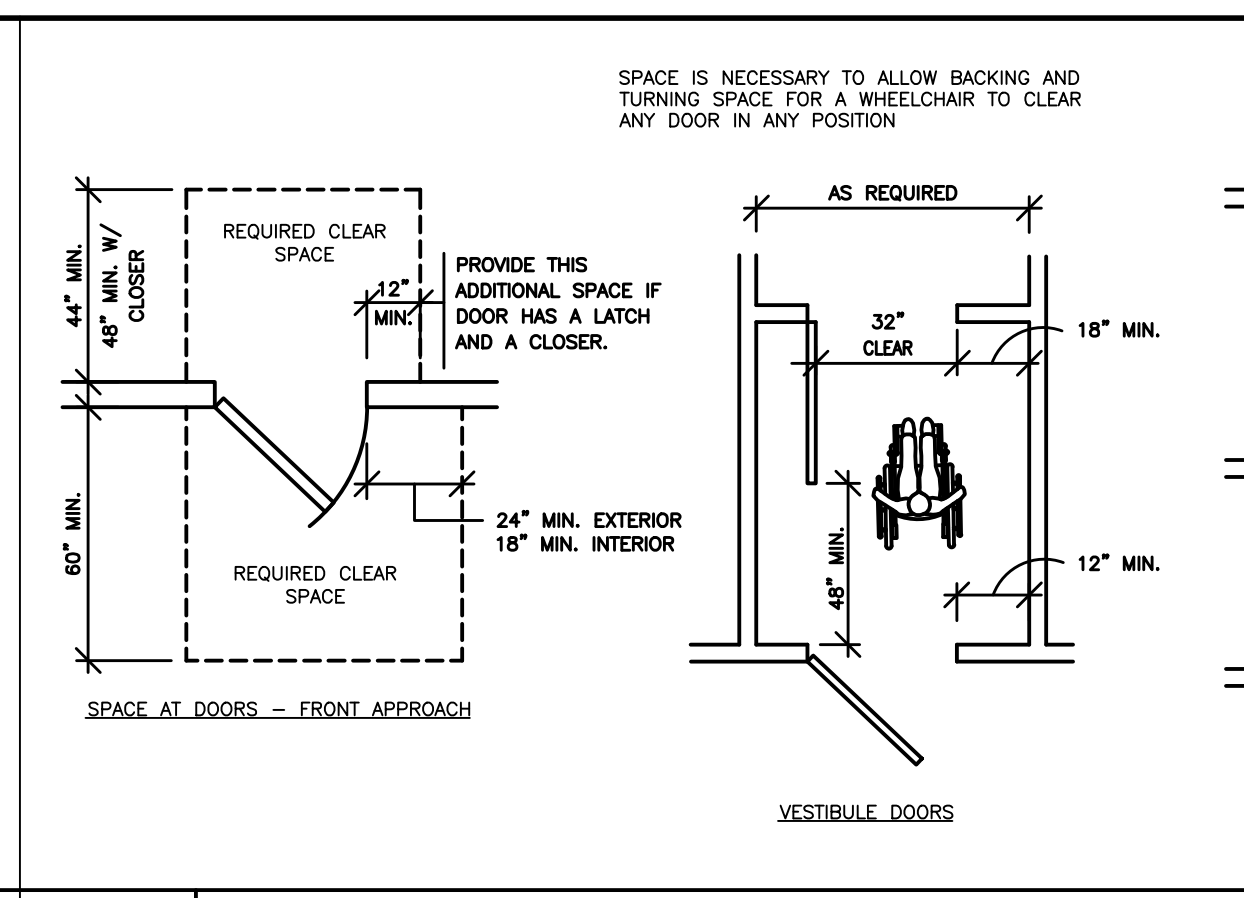
	INTERNATIONAL SYMBOL OF ACCESSIBILITY
	"THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS" LETTER MIN. 1" HIGH. SIGN MOUNTED ABOVE DOOR.
	TACTILE EXIT SIGN SHALL COMPLY SECTION 703.3, FBCA / ANSI A117.1 2017
	MEN RESTROOM
	WOMEN RESTROOM
	EMPLOYEES ONLY
NOTES:	
INSPECTOR MAY REQUIRE ADDITIONAL EXIT SIGNS AT THE TIME OF FINAL INSPECTION. ALL EGRESS SIGNS SHALL COMPLY WITH NFPA 101, CHAPTER 7, SECTION 7.10	
INSPECTOR MAY REQUIRE ADDITIONAL EMERGENCY LIGHTING AT THE TIME OF FINAL INSPECTION. ALL EMERGENCY LIGHTS SHALL COMPLY WITH NFPA 101, CHAPTER 7, SECTION 7.10	
SIGNAGE COMPANY AND GC TO BOTH MAKE SURE ALL UTILITY LINES HAVE BEEN LOCATED PRIOR TO DIGGING FOOTING.	
GC RESPONSIBLE TO CALL AND HAVE UTILITIES LOCATED.	
SIGNAGE COMPANY RESPONSIBLE TO CONFIRM THIS HAS BEEN DONE.	

- GENERAL NOTES**
- MEANS OF EGRESS SHALL BE ILLUMINATED WITH AT LEAST ONE-FOOT CANDLE AT THE FLOOR LEVEL (WALKING SURFACE). REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
- ACCESSIBILITY NOTES**
- ACCESS TO THESE FACILITIES SHALL BE PROVIDED AT PRIMARY ENTRANCES.
 - THE SLOPE OF PUBLIC WALKS SHALL NOT EXCEED MAX. - GROSS SLOPE 2%.
 - WALKING SURFACE SLOPING GREATER THAN 2% SHALL BE SLIP RESISTANT.
 - PROVIDE A 60"x60" MIN. LANDING ON STRIKE SIDE OF DOOR W/ 44" MIN. WIDTH IN DIRECTION OF TRAVEL.
 - WALKS SHALL EXTEND 24" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK.
 - THE SLOPE OF RAMPS SHALL NOT EXCEED 1"0" IN 15'-0" U.N.O.
 - RAMPS SHALL HAVE A NON-SLIP SURFACE.
 - RAMPS SHALL BE 48" WIDE MIN.
 - EVERY REQUIRED EXIT DOORWAY SHALL BE SIZED FOR A DOOR NOT LESS THAN 3 FT. WIDE BY NOT LESS THAN 6'-8" HIGH CAPABLE OF OPENING 90° AND MOUNTED SO THAT THE CLEAR WIDTH OF THE EXIT WAY IS 32" MIN.
 - THRESHOLD TO BE A MAX. 1/2" ABOVE ADJACENT FINISH FLOOR.
 - MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS.
 - THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE.
 - PROVIDE LEVER TYPE HARDWARE, PANIC BARS, PUSH - PULL ACTUATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. (50" TO 44" A.F.F.)
 - EVERY EXIT DOOR SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT, FLUSH OR SURFACE BOLTS SHALL BE AUTOMATIC TYPE. LOCKABLE DOORS SHALL BE PROVIDED WITH A SIGN STATING "THESE DOORS TO REMAIN UNLOCKED DURING BUSINESS HOURS" IN MIN. 1" HIGH LETTERS.
 - EXIT SIGNS WHERE NOTED OR REQUIRED SHALL BE WORDED "EXIT" IN ALL LETTERS HAVING THE PRINCIPAL STROKE OF NOT LESS THAN 3/4" WIDE AND 6" HIGH AND SHALL CONFORM TO ALL APPLICABLE CODES.
 - PROVIDE ILLUMINATED EXIT SIGNS AND EMERGENCY LIGHTING AT ALL EXIT CORRIDORS AS REQUIRED BY CODE. EMERGENCY LIGHTING SHALL PROVIDE ILLUMINATION OF ONE FOOT CANDLE AT FLOOR LEVEL.
 - DOORS TO ACCESSIBLE SANITARY FACILITIES SHALL BE IDENTIFIED BY 1/4" THICK GEOMETRIC SYMBOLS OF CONTRASTING COLOR, CENTERED ON THE DOOR AT A HEIGHT OF 60" AFF (12" EQUILATERAL TRIANGLE FOR MEN AND 12" DIAMETER CIRCLE FOR WOMEN). 12. POST INTERNATIONAL SYMBOL OF ACCESSIBILITY ON OR ADJACENT TO ALL ACCESSIBLE BUILDING ENTRANCES. LOCATION AS INDICATED BY OWNER.
 - THE MAXIMUM EFFORT REQUIRED TO OPERATE FIRE-RATED DOORS IS 15 LBS., EXIT DOORS IS 8.5 LBS. FOR EXTERIORS, AND 5 LBS. FOR INTERIOR DOORS.



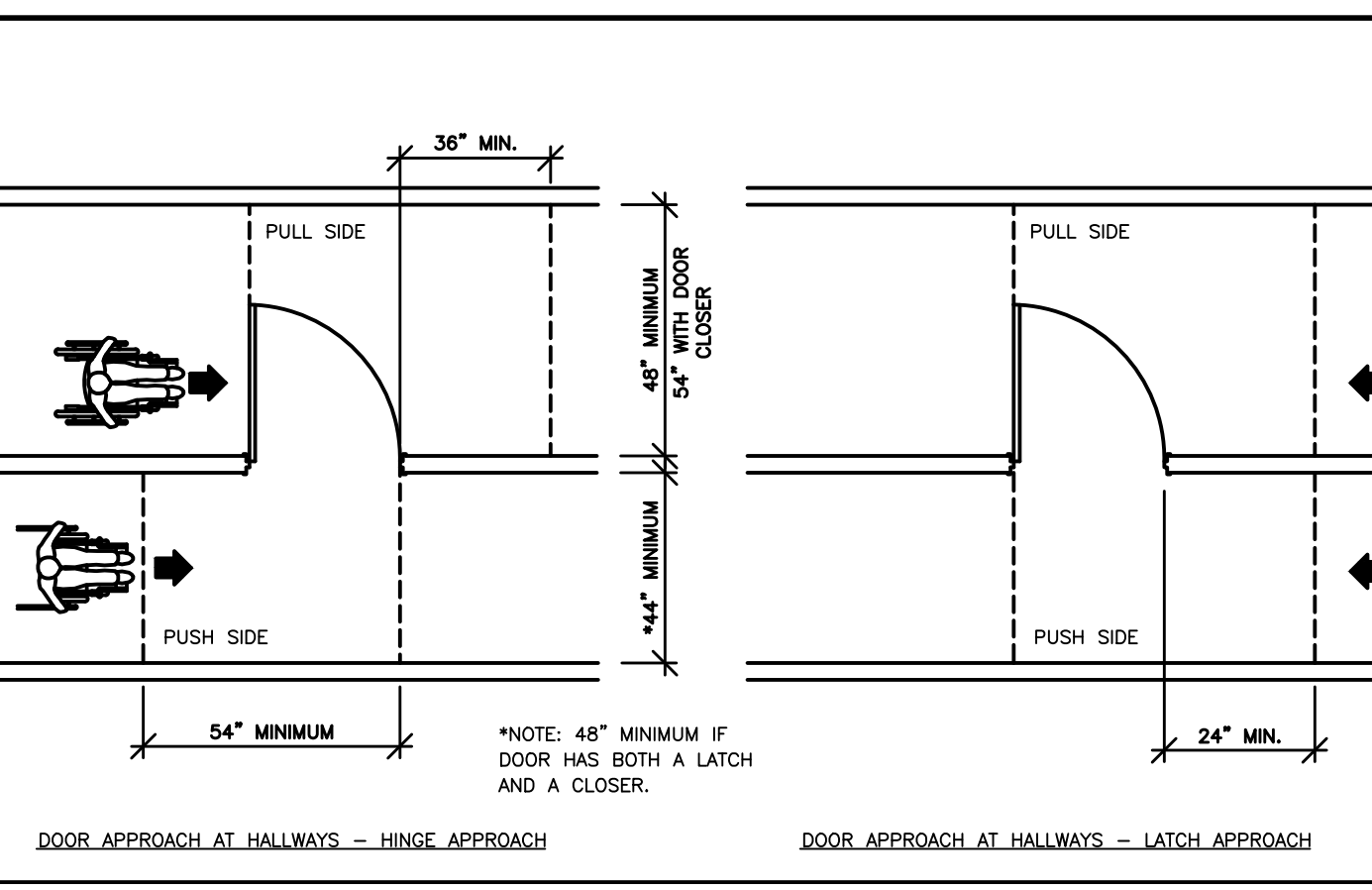
A1 ISLES

NO SCALE



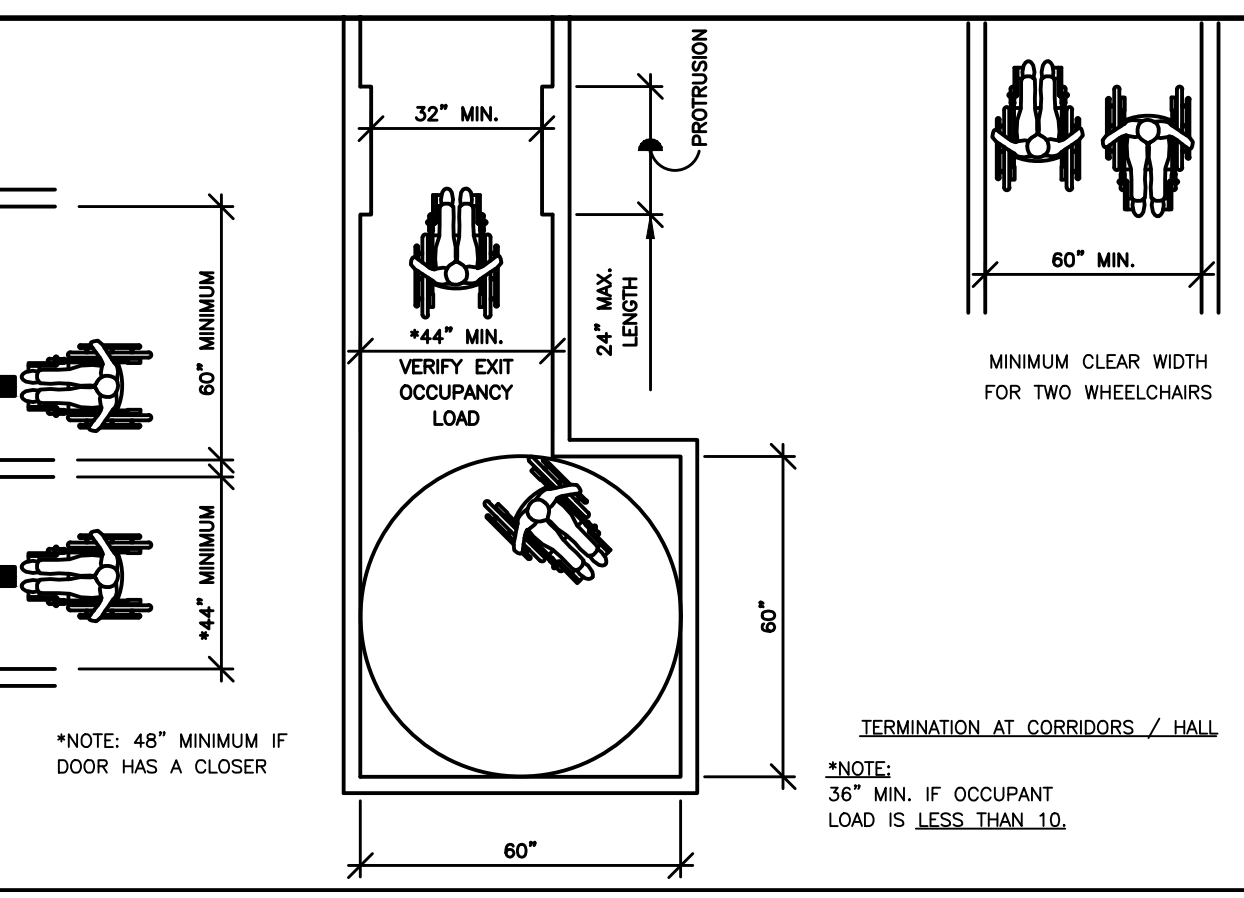
K3 DOOR OPENINGS AT CORRIDORS / HALLS

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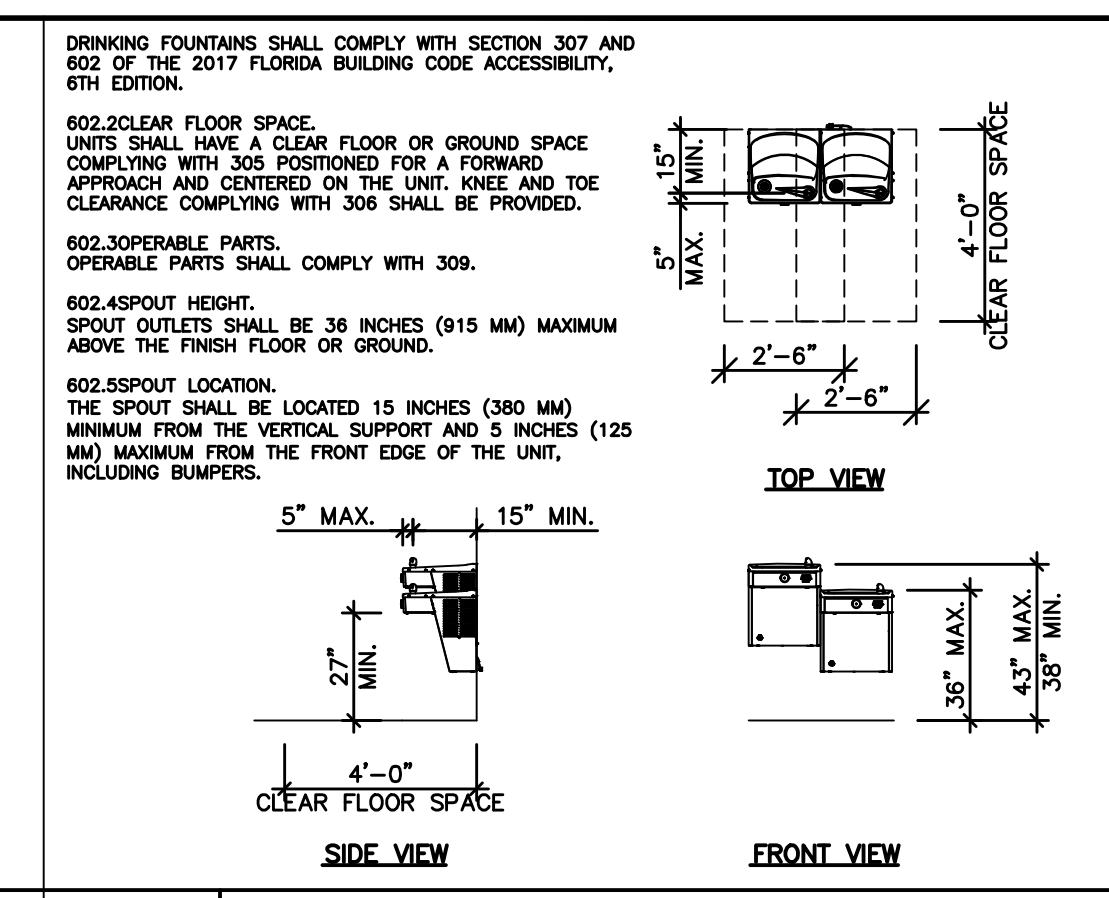
G5 ENTRY AND DIRECTIONAL SIGNS

NO SCALE



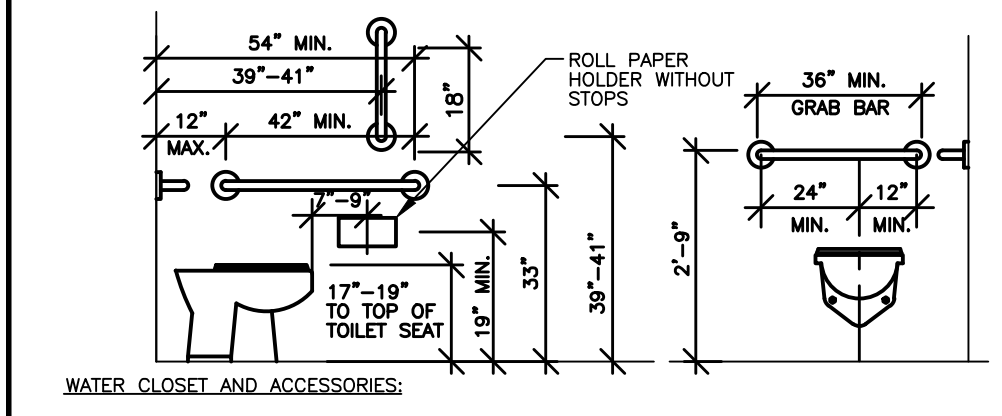
G7 LAVATORIES

NO SCALE



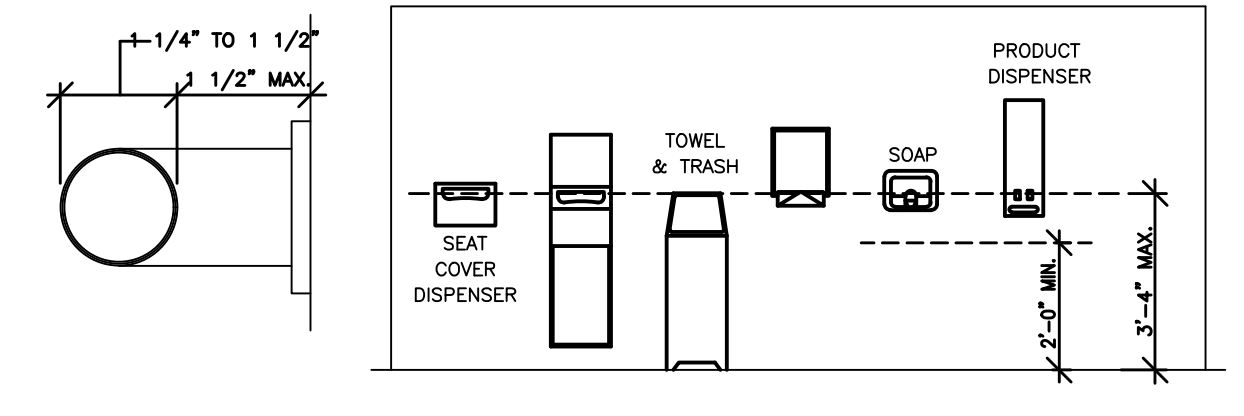
G1 HILO DRINKING FOUNTAIN

NO SCALE



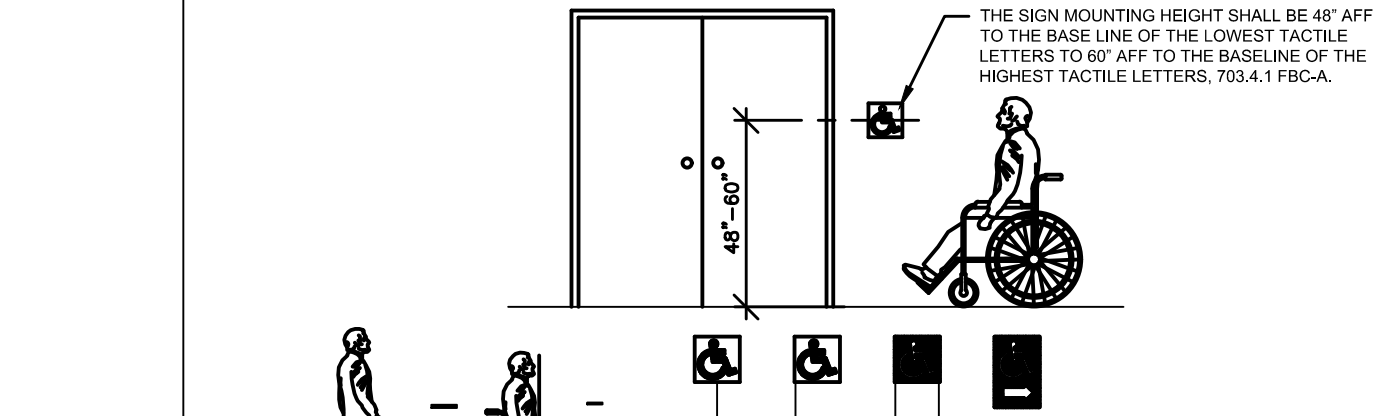
D1 WATER CLOSET AND TOILET ACCESSORIES

NO SCALE



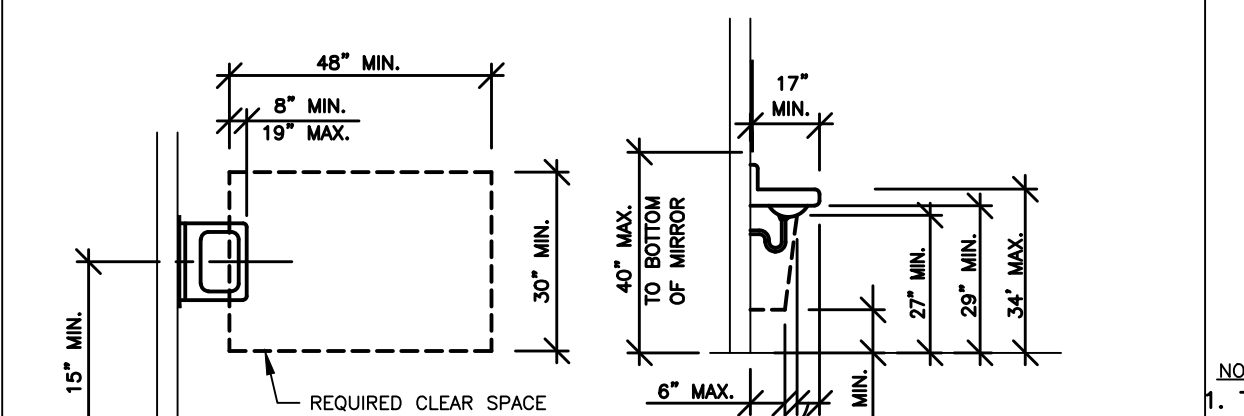
D5 EXIT TACTILE SIGN

1/2\"/>



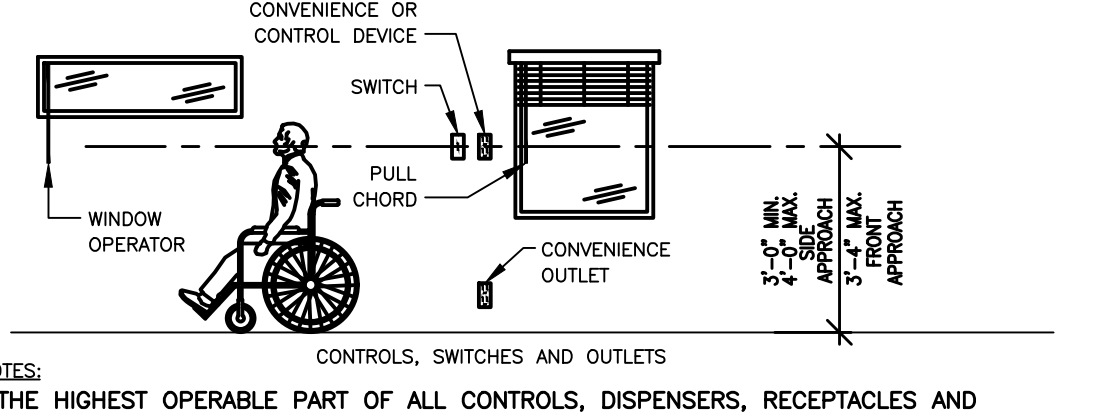
D7 RESTROOM / TOILET ROOMS

1/4\"/>



G13 CONTROLS AND OPERATING MECHANISMS

1/4\"/>



G13 CONTROLS AND OPERATING MECHANISMS

1/4\"/>

- THE HEIGHT OF ACCESSIBLE WATER CLOSETS SHALL BE A MINIMUM OF 17" AND A MAXIMUM OF 19" MEASURED TO THE TOP OF A MAXIMUM 2" HIGH TOILET SEAT, EXCEPT THAT 3" SEATS SHALL BE PERMITTED ONLY IN ALTERATIONS WHERE THE EXISTING FIXTURE IS LESS THAN 15" HIGH.
- THE CONTROLS FOR WATER CLOSET FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREAS. AUTOMATIC SPRING TO LIFTED POSITION SEATS ARE NOT ALLOWED.
- THE FORCE REQUIRED TO ACTIVATE WATER CLOSET AND URINAL FLUSH VALVE CONTROLS, AND FAUCET AND OPERATING MECHANISM CONTROLS, SHALL BE NO GREATER THAN 5 LBF. ELECTRONIC OR AUTOMATIC FLUSHING CONTROLS ARE ACCEPTABLE AND PREFERABLE.
- WHERE TOWEL, SANITARY NAPKINS, WASTE RECEPTACLES, DISPENSERS, OR OTHER EQUIPMENT AND CONTROLS ARE PROVIDED, PROVIDE AT LEAST ONE OF EACH TYPE SHALL BE ON AN ACCESSIBLE ROUTE, WITH ALL OPERABLE PARTS, INCLUDING COIN SLOTS, WITHIN 40" FROM THE FINISHED FLOOR.
- THE TOILET TISSUE DISPENSERS SHALL BE LOCATED ON THE WALL WITHIN 12" OF THE FRONT EDGE OF THE TOILET SEAT, MOUNTED BELOW THE GRAB BAR AT A MINIMUM HEIGHT OF 19", AND 36" MAXIMUM TO THE FAR EDGE FROM THE REAR WALL. DISPENSERS THAT CONTROL DELIVERY OR THAT DOES NOT PERMIT CONTINUOUS PAPER FLOW SHALL NOT BE USED.

- AT EVERY PRIMARY PUBLIC ENTRANCE AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL, THERE SHALL BE A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. SIGNS SHALL INDICATE THE DIRECTION TO ACCESSIBLE BUILDING ENTRANCES AND FACILITIES.
- WHEN A BUILDING CONTAINS AN ENTRANCE OTHER THAN THE MAIN ENTRANCE WHICH IS RAMPED OR LEVEL FOR USE BY DISABLED PERSONS, A SIGN SHOWING ITS LOCATION IS REQUIRED TO BE POSTED AT OR NEAR THE MAIN ENTRANCE.
- PROVIDE SIGNS WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY INDICATING LOCATION OF EACH ACCESSIBLE ENTRY. PROVIDE ADDITIONAL DIRECTIONAL SIGNS AS REQUIRED.
- MAT CARPETING MUST BE SECURELY ANCHORED TO FLOOR OR RECESSED INTO DOOR LANDING.

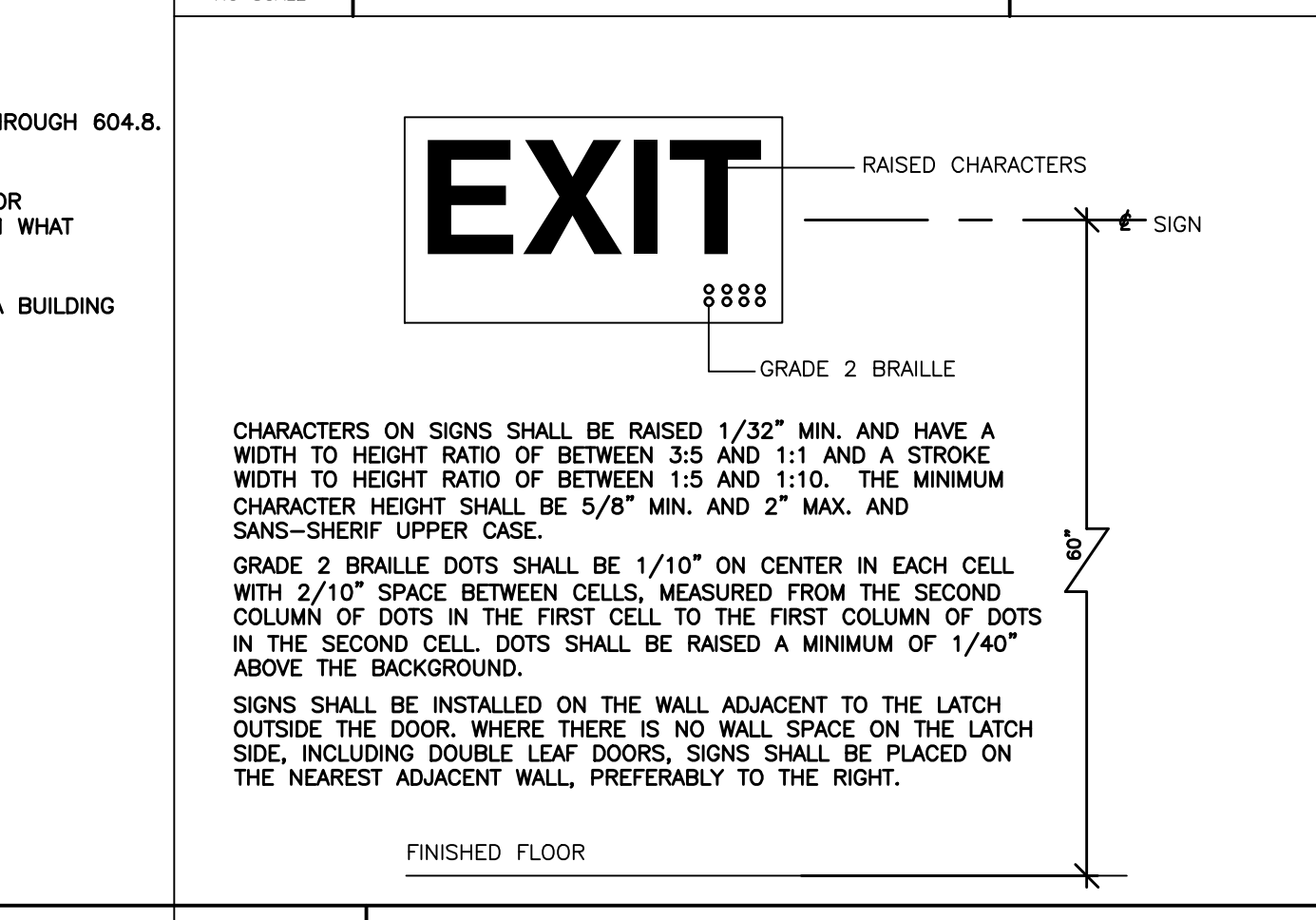
- PROVIDE A CLEAR SPACE 30"x48" MIN. IN FRONT OF THE LAVATORY. THE CLEAR SPACE MAY EXTEND INTO KNEE AND TOE SPACE UNDER LAVATORY.
- INSULATE OR CONFIGURE HOT WATER SUPPLY AND DRAIN PIPING UNDER LAVATORIES TO PREVENT CONTACT.
- NO SHARP OR ABRASIVE ELEMENTS ARE ALLOWED UNDER LAVATORIES.
- FAUCET CONTROLS AND OPERATING MECHANISMS ARE REQUIRED TO BE OPERABLE WITH ONE HAND AND CANNOT REQUIRE GRASPING, PINCHING, OR TWISTING OF WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS IS NOT TO EXCEED 5 LBF. LEVER OPERATED, PUSH TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGN.
- SELF CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.

- THE HIGHEST OPERABLE PART OF ALL CONTROLS, DISPENSERS, RECEPTACLES AND OTHER OPERABLE EQUIPMENT SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION MEETING THE CLEARANCES AND REACH RANGE REQUIREMENTS.
- CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES, OR COOLING, HEATING AND VENTILATING EQUIPMENT, SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE OUTLET BOX NOR LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE OUTLET BOX TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM.
- ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLES SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING NOR LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM.
- EXISTING BUILDING MUST MEET SAME REQUIREMENTS AS NEW CONSTRUCTION UNLESS AN UNREASONABLE HARDSHIP IS GRANTED BY THE ENFORCING AGENCY.

- WATER CLOSETS AND TOILET COMPARTMENTS SHALL COMPLY WITH 604.2 THROUGH 604.8 OF THE 2020 FLORIDA BUILDING CODE ACCESSIBILITY, 7TH EDITION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO INFORM THE ARCHITECT AND/OR THE CIVIL ENGINEER OF ANY DISCREPANCIES, SUBTLE OR OTHERWISE, FROM WHAT IS SHOWN HERE AND THE APPLICABLE CODE/LAW/ORDINANCE.
- ALL ADA ACCESSIBILITY STANDARDS SHALL COMPLY WITH THE 2020 FLORIDA BUILDING CODE ACCESSIBILITY, 7TH EDITION.

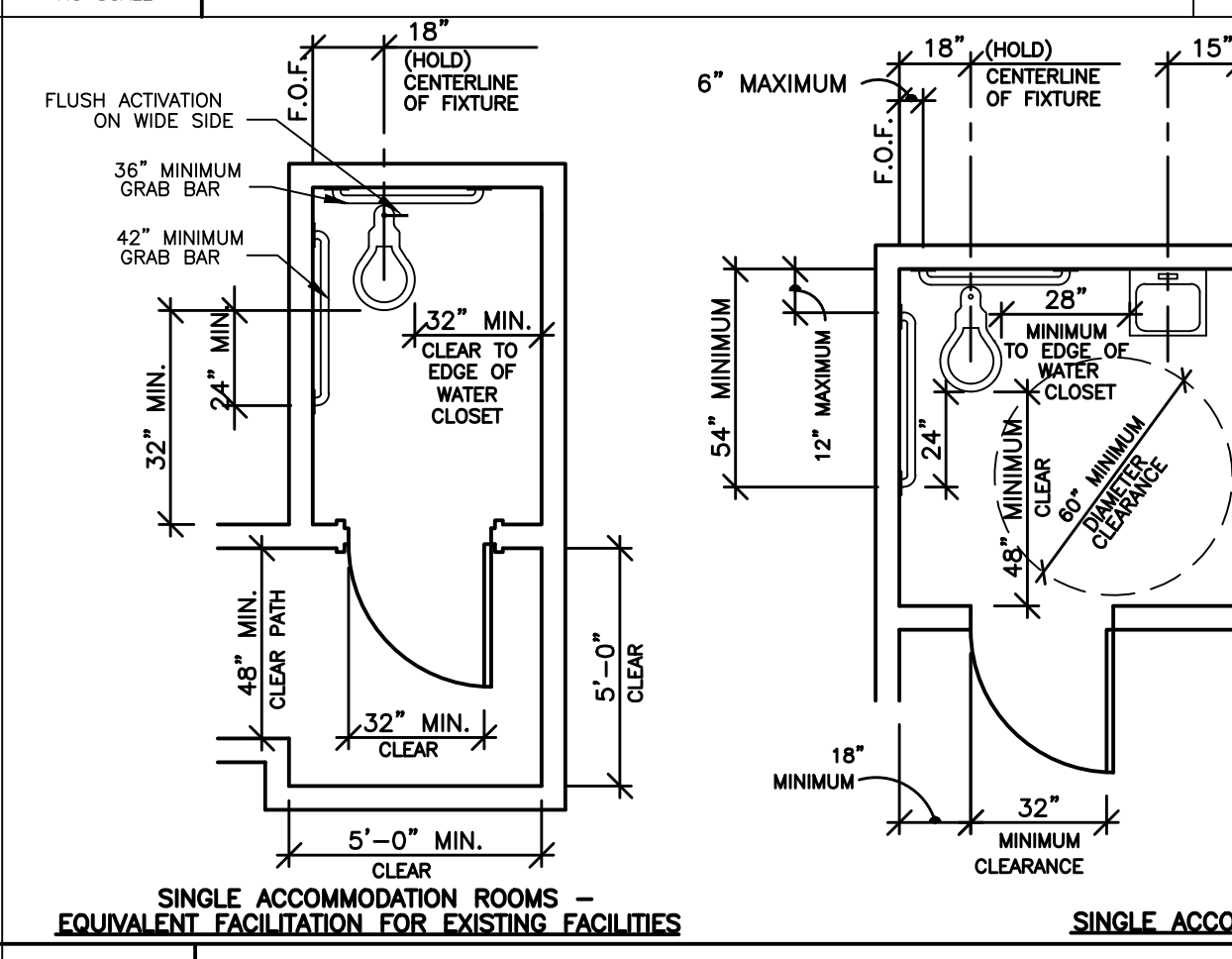
- THE REAR GRAB BARS SHALL BE 36" LONG MINIMUM AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12" MINIMUM ON ONE SIDE AND 24" MINIMUM ON THE OTHER SIDE. THE REAR GRAB BAR SHALL BE SECURELY ATTACHED AND CENTERED 33" ABOVE AND PARALLEL TO THE FLOOR, EXCEPT THAT WHERE A TANK-TYPE TOILET IS USED, WHICH OBSTRUCTS PLACEMENT AT 33", THE BAR MAY BE AS HIGH AS 36", WITH A 1-1/2" MINIMUM BETWEEN THE BAR AND TOP OF THE TANK.
- THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A GRAB BAR SHALL BE 1-1/4" TO 1-1/2" NOMINAL, OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. IF GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BARS SHALL BE 1-1/2".
- THE STRUCTURAL STRENGTH OF THE GRAB BARS, FASTENERS, AND MOUNTING DEVICES SHALL MEET THE FOLLOWING SPECIFICATIONS:
 - BENDING STRESS IN A GRAB BAR OR SEAT INDUCED BY THE MAXIMUM BENDING MOMENT FROM THE APPLICATION OF A 250-LB POINT LOAD SHALL BE LESS THAN THE ALLOWABLE STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT.
 - SHEAR STRESS INDUCED IN A GRAB BAR OR SEAT BY THE APPLICATION OF A 250-LB POINT LOAD SHALL BE LESS THAN THE ALLOWABLE SHEAR STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT, AND ITS MOUNTING BRACKET OR OTHER SUPPORT IS CONSIDERED TO BE FULLY RESTRAINED, THEN DIRECT AND TORSIONAL SHEAR STRESS SHALL NOT EXCEED THE ALLOWABLE SHEAR STRESS.
 - SHEAR FORCE INDUCED IN FASTENER OR MOUNTING DEVICES FROM THE APPLICATION OF A 250-LB POINT LOAD SHALL BE LESS THAN THE ALLOWABLE LATERAL LOAD OF EITHER THE FASTENER OR MOUNTING DEVICE OR THE SUPPORTING STRUCTURE, WHICHEVER HAS THE SMALLER ALLOWABLE LOAD.
 - TENSILE FORCE INDUCED IN A FASTENER BY A DIRECT TENSION FORCE OF A 250-LB POINT LOAD, PLUS THE MAXIMUM MOMENT FROM THE APPLICATION OF A 250-LB POINT LOAD, SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN THE FASTENER AND SUPPORTING STRUCTURE.
 - GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
- THE GRAB BARS AND ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8"

- GENERAL NOTES**
- WATER CLOSETS AND TOILET COMPARTMENTS SHALL COMPLY WITH 604.2 THROUGH 604.8 OF THE 2020 FLORIDA BUILDING CODE ACCESSIBILITY, 7TH EDITION.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO INFORM THE ARCHITECT AND/OR THE CIVIL ENGINEER OF ANY DISCREPANCIES, SUBTLE OR OTHERWISE, FROM WHAT IS SHOWN HERE AND THE APPLICABLE CODE/LAW/ORDINANCE.
 - ALL ADA ACCESSIBILITY STANDARDS SHALL COMPLY WITH THE 2020 FLORIDA BUILDING CODE ACCESSIBILITY, 7TH EDITION.



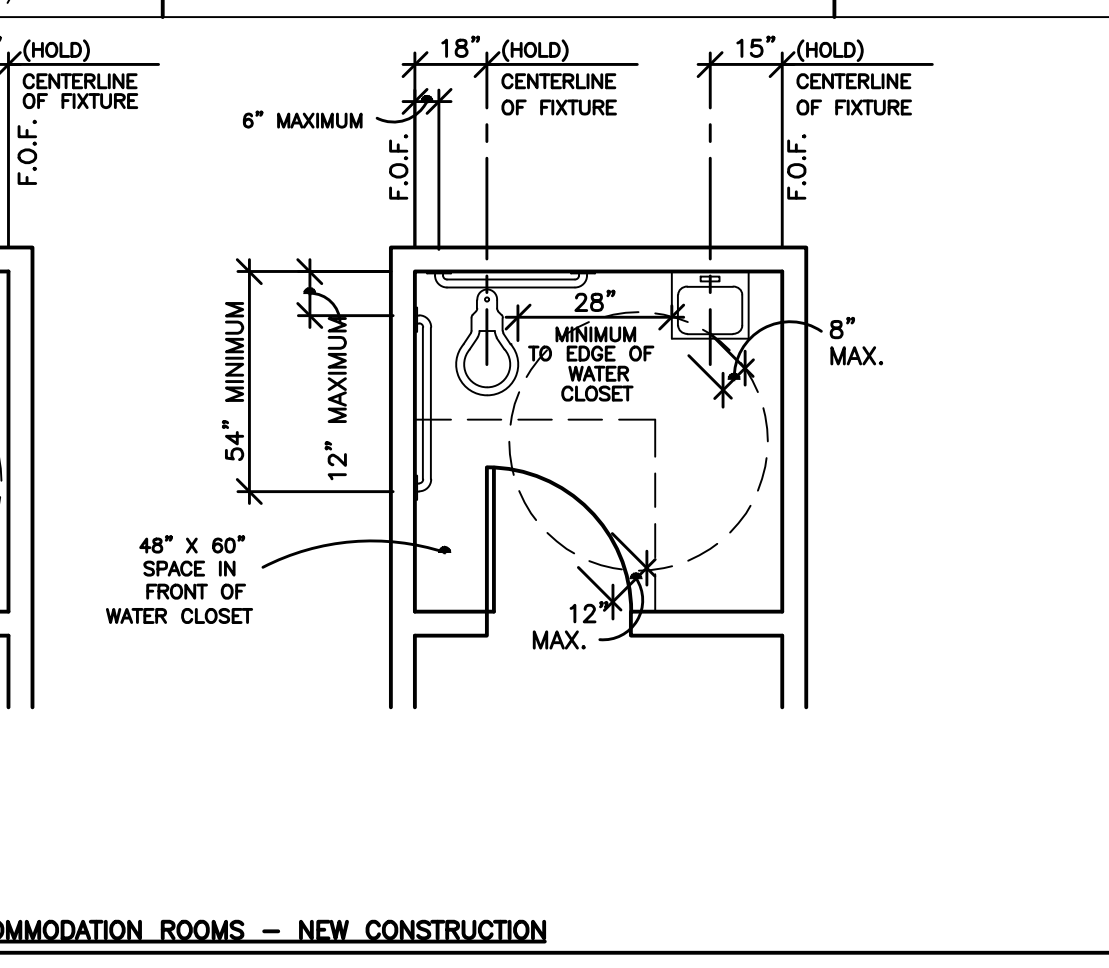
D7 RESTROOM / TOILET ROOMS

NO SCALE



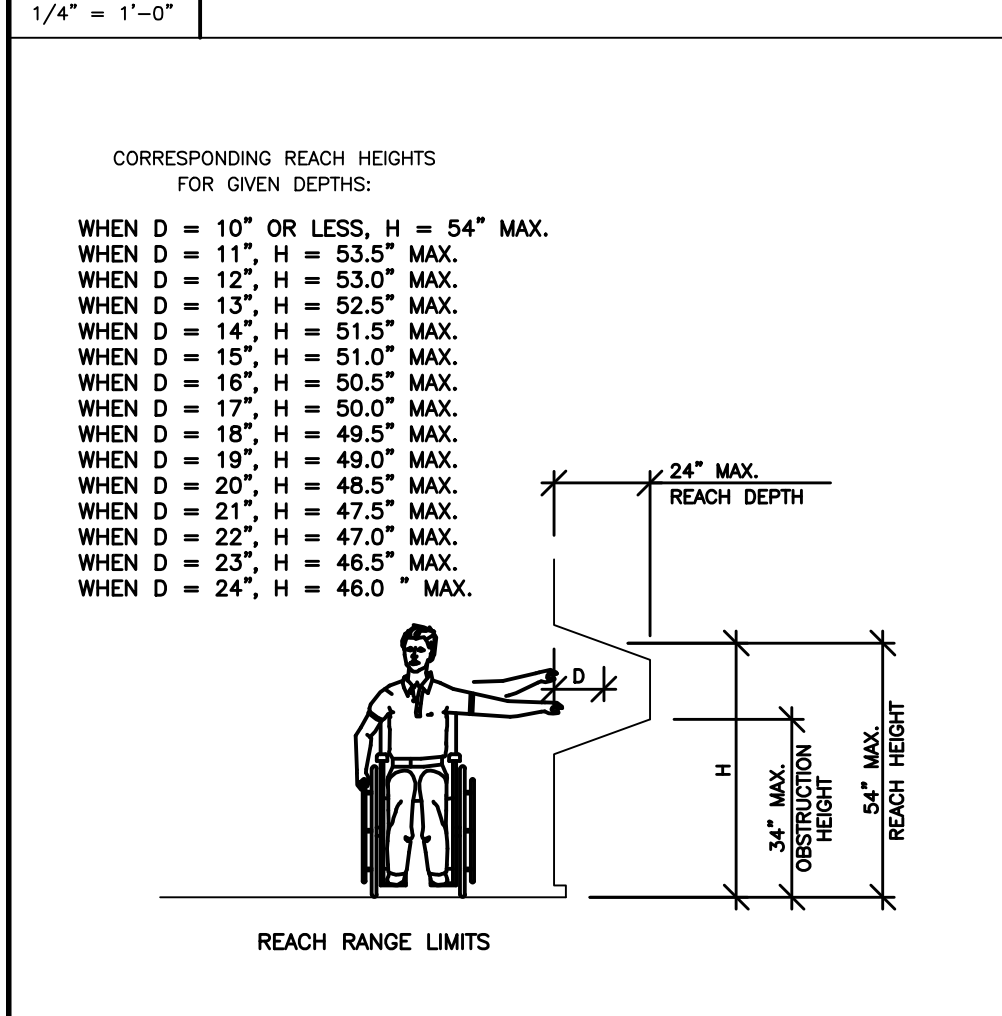
G13 CONTROLS AND OPERATING MECHANISMS

NO SCALE



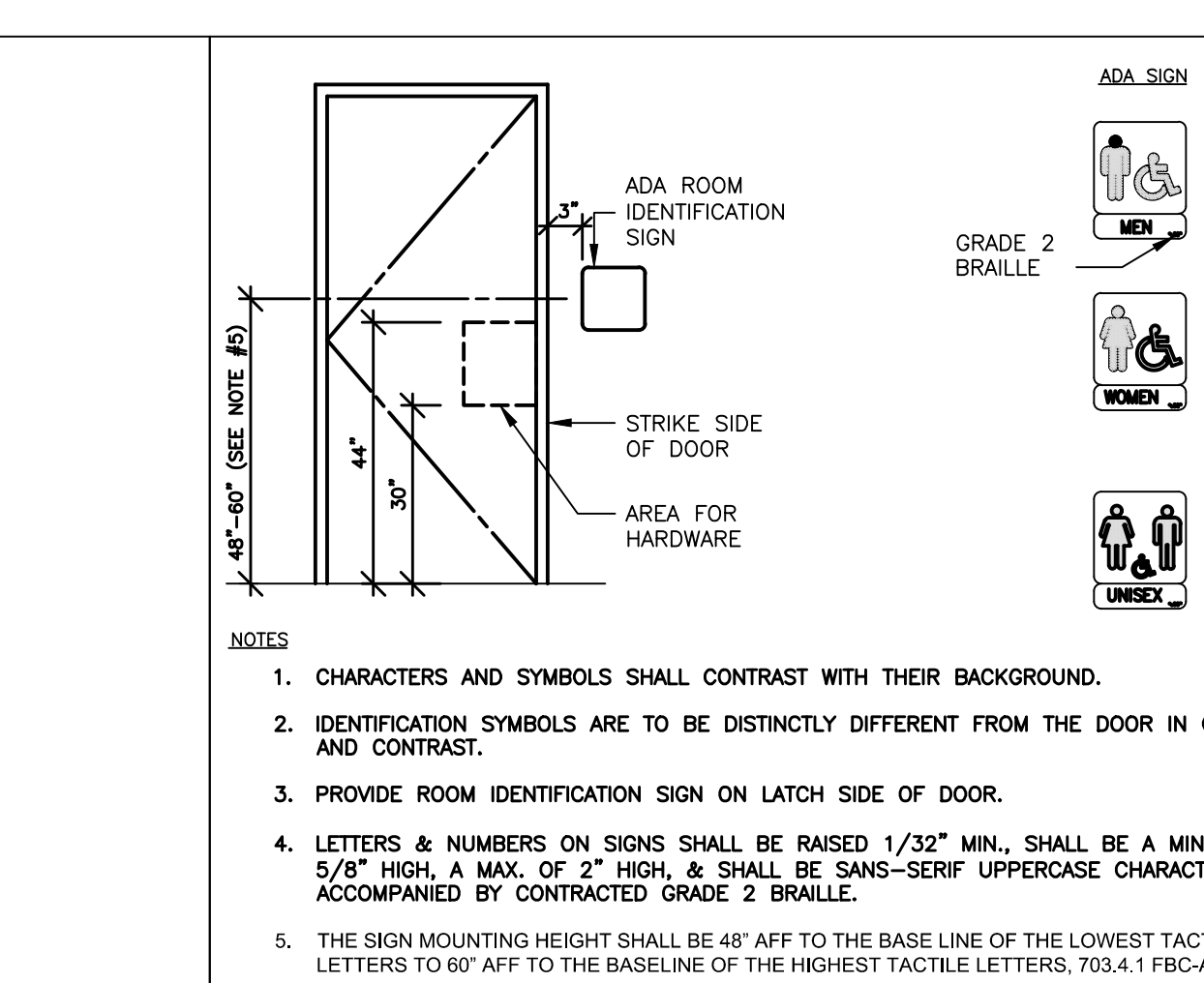
G13 CONTROLS AND OPERATING MECHANISMS

NO SCALE



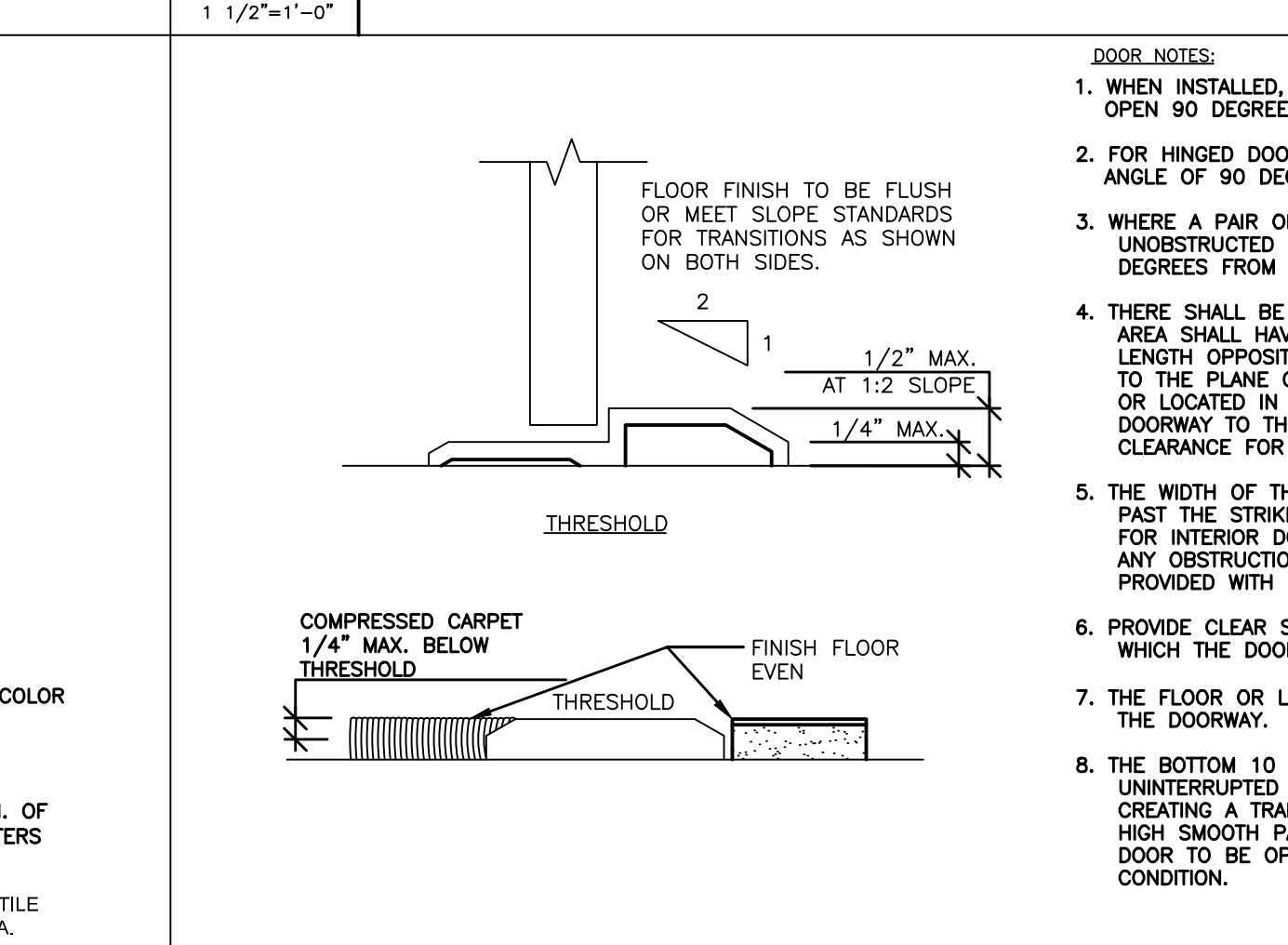
A1 REACH RANGES

NO SCALE



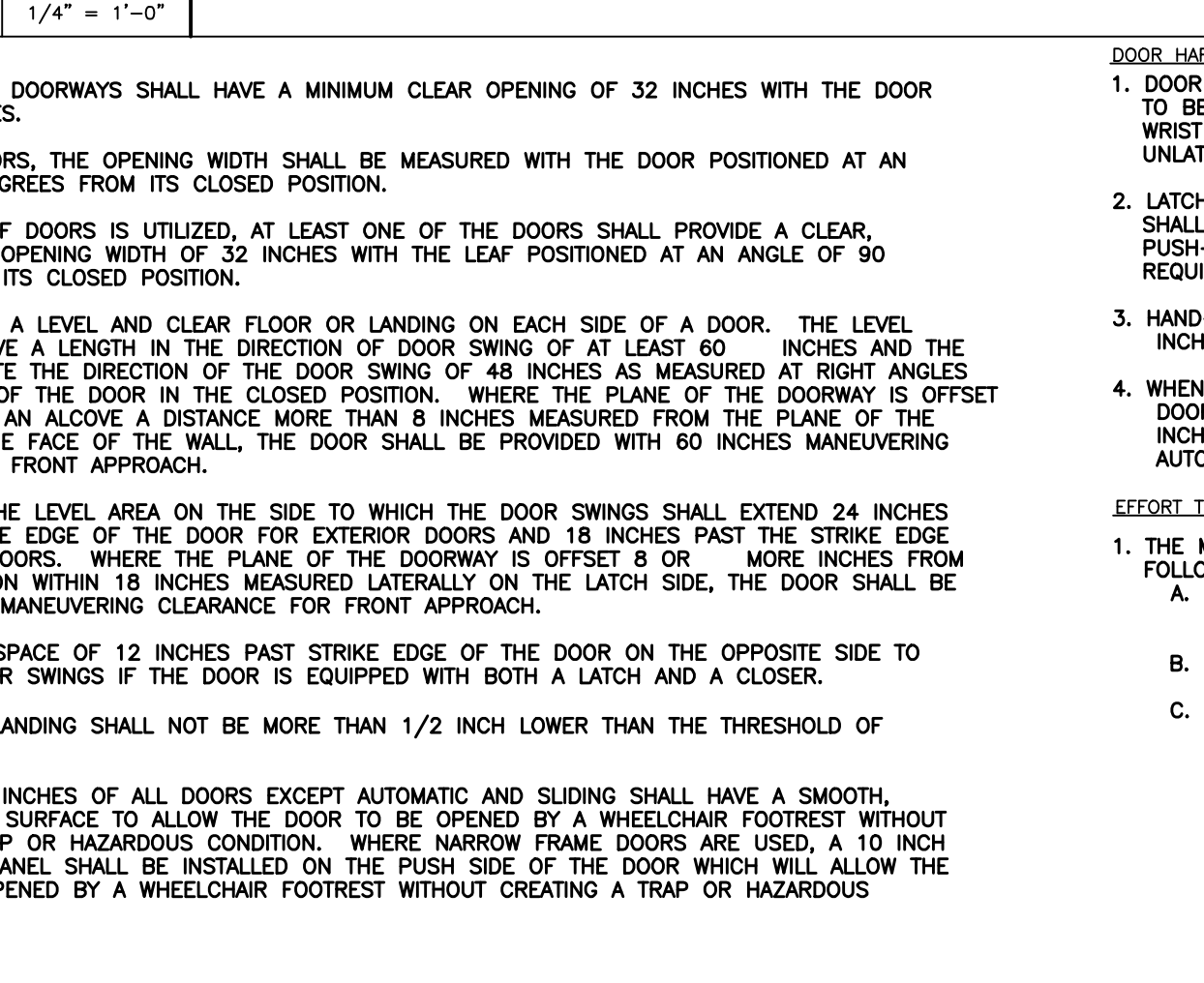
A3 RESTROOM SIGNS

NO SCALE



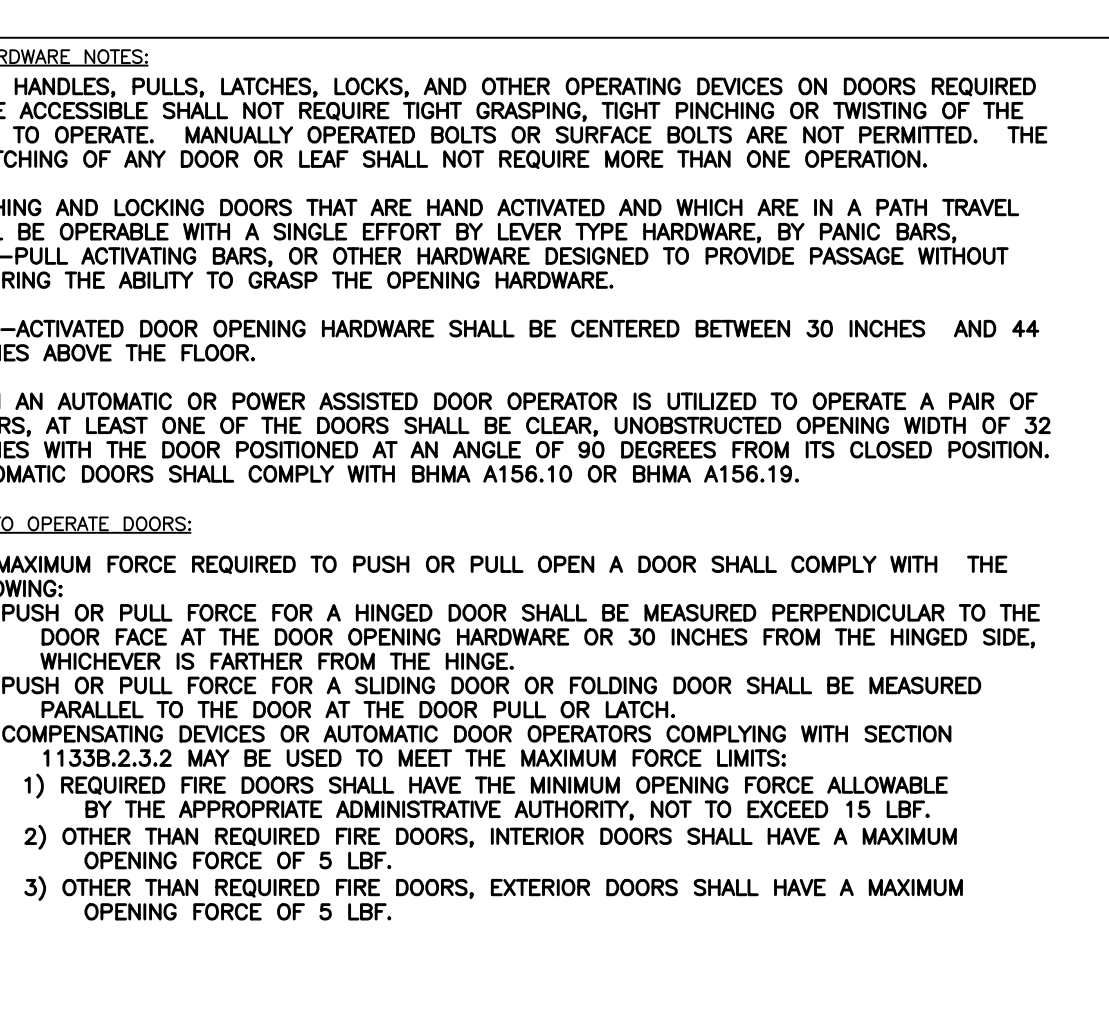
A5 DOORS

NO SCALE



G13 CONTROLS AND OPERATING MECHANISMS

NO SCALE



G13 CONTROLS AND OPERATING MECHANISMS

NO SCALE

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 757 Beal Parkway NW
 Fort Walton Beach, FL 32547
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33853
 Phone: (863) 646-9130
 FL, CA, #4857

NO.	DATE	REVISION	DESCRIPTION

MICHAEL ROBINSON
 FLORIDA P.E. REG # 28512

6,625 SQ. FT. BUILDING

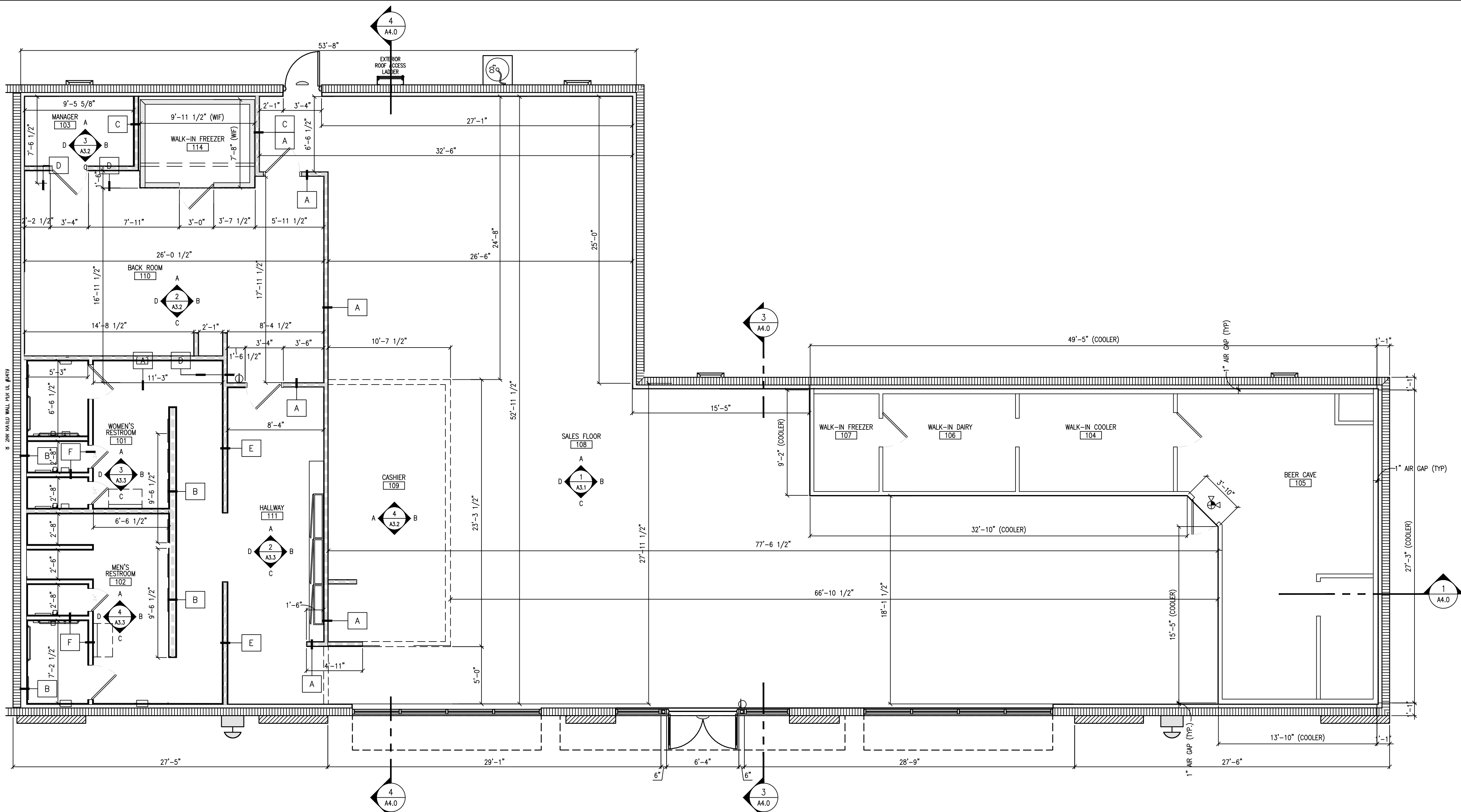
SITE DESIGNATIONS:

NEW CONVENIENCE STORE

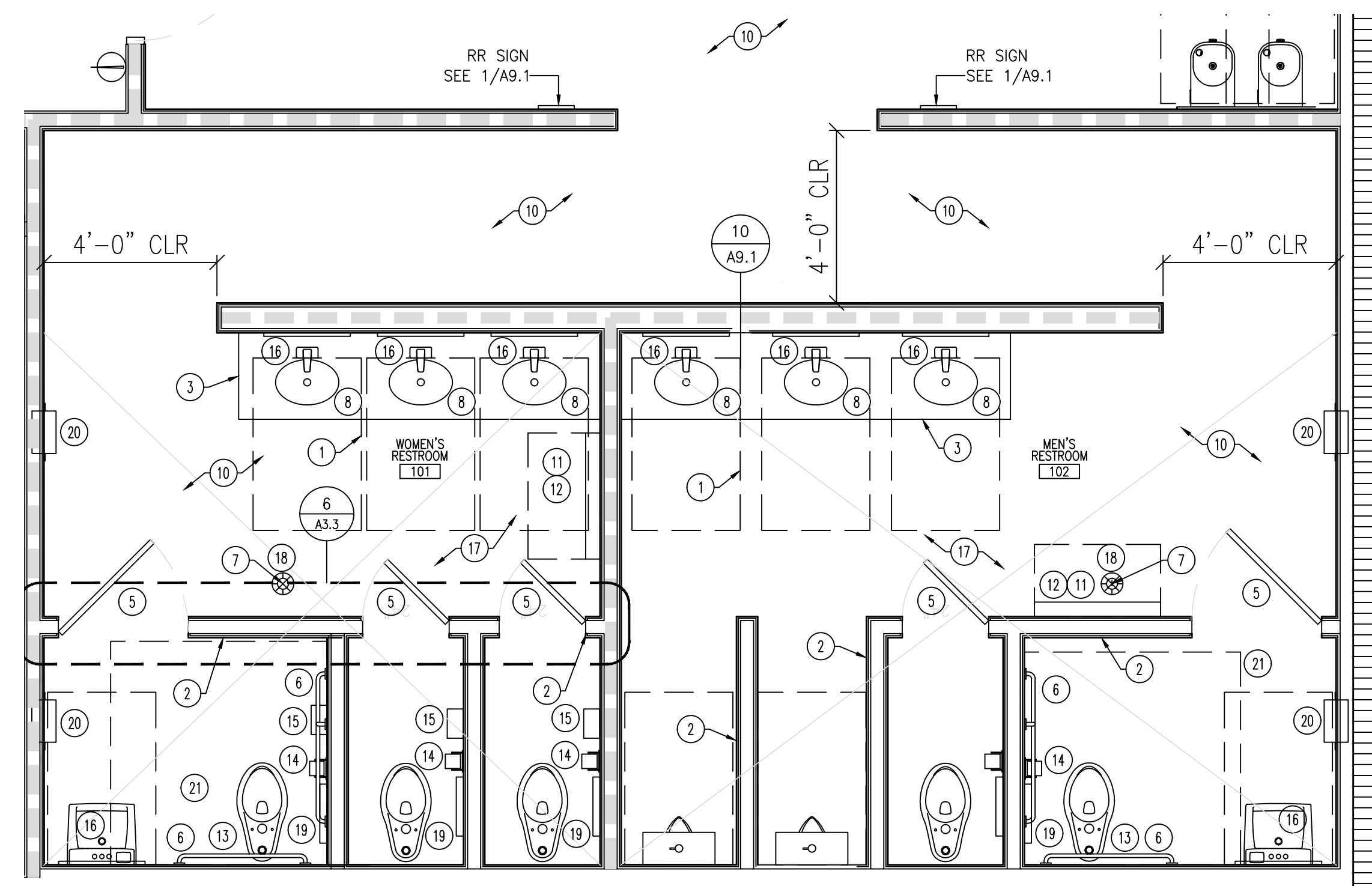
**7822 NORTH DAVIS HIGHWAY
 PENSACOLA, FLORIDA 32514**

SCALE: AS NOTED MDM JOB # 18012
 DATE: 03-16-2021
 DESIGNED BY: PH
 DRAWN BY: PH FILE NAME: 02 18012 03 16 2021 0000
 CHECKED BY: PH 02 18012 03 16 2021 0000
 DRAWING TITLE:
ACCESSIBILITY STANDARDS NOTES/DETAILS
 SHEET NO.: **A1.1**

ISSUED FOR BID 03/08/2024



1 FINISH DIMENSION FLOOR PLAN
SCALE: 3/16" = 1'-0"



2 ENLARGED RESTROOM PLAN
SCALE: 3/8" = 1'-0"
NOTE: ALL DIMENSIONS ARE TO FACE OF FINISH ENLARGED RESTROOM PLAN ROTATED TO FIT THIS SHEET

WALL TYPES [X]

- A. WALL TYPE, SEE 3/A9.1
- B. WALL TYPE, SEE 4/A9.1
- C. WALL TYPE, SEE 12/A9.1
- D. WALL TYPE, SEE 6/A9.1
- E. WALL TYPE, SEE 8/A9.1
- F. WALL TYPE, SEE 10/A9.1 & 11/A9.1

GENERAL NOTES

1. DIMENSIONS SHOWN ARE TO INTERIOR WALL FINISH, UNLESS OTHERWISE NOTED.
2. SEE SHEETS A1.4 AND A1.5 FOR EQUIPMENT.
3. COORDINATE ALL DIMENSIONS IN AREAS OF WALK-IN COOLERS WITH EQUIPMENT INSTALLERS.
4. INSTALL FULL THICKNESS BATT INSULATION CONTINUOUS TO ROOF DECK IN ALL WALL SEPARATING REST ROOMS FROM ADJACENT CONVENIENCE STORE AREAS. INSULATION TO BE NON-COMBUSTIBLE, BEARING THE U.L. CLASSIFICATION MARKING.
5. BRACE STUDS ABOVE CEILING AS REQUIRED TO PROVIDE RIGID WALLS THROUGHOUT, SEE STRUCTURAL DRAWINGS.
6. ALL CABINETS IN FAST-FOOD AREA, INCLUDING COFFEE BAR AND SALES COUNTER, TO HAVE SOLID TOP WITH METAL SIDES PAINTED AND KICK PLATE BASE PAINTED "BLACK".
7. USE FDA APPROVED FOOD GRADE CLEAR CAULKING BETWEEN COUNTERTOPS AND WALLS AND WHERE REQUIRED PER LOCAL AND COUNTY HEALTH DEPARTMENT REQUIREMENTS.
8. GENERAL CONTRACTOR SHALL COORDINATE WITH THE EQUIPMENT AND DRYWALL INSTALLERS TO ENSURE THAT ALL ELECTRICAL WIRING, WATER LINES AND REFRIGERATION LINES HAVE BEEN INSTALLED PROPERLY ON ALL EQUIPMENT PRIOR TO THE HANGING OF ANY DRYWALL. SEE THE CONSTRUCTION PROJECT MANAGER FOR ANY EQUIPMENT LOCATION CLARIFICATIONS.
9. ALL INSULATION SHALL NOT BE EXPOSED TO VIEW FROM INSIDE SALES FLOOR AREA.
10. PROVIDE 5/8" MOISTURE-RESISTANT GYPSUM WALLBOARD THROUGHOUT WHERE REQUIRED.
11. SEE SHEET A1.2 FOR ROOM FINISH SCHEDULE.
12. SEE SHEETS A3.1, A3.2, AND A3.3 FOR INTERIOR ELEVATIONS.

LEGEND

- 8" MTL. STD. WALL W/ BATT INSULATION. SEE STRUCTURAL SHEETS
- 3 5/8" 20ga. METAL STUD AT 24" O.C. TO DECK WITH R-11 BATT INSULATION SEE SHEET A9.1 FOR WALL TYPES
- 3 5/8" 20ga. METAL STUD AT 24" O.C. TO DECK SEE SHEET A9.1 FOR WALL TYPES
- 3 5/8" 20ga. METAL STUD AT 24" O.C. SEE SHEET A9.1 FOR WALL TYPES
- 3 5/8" 20ga. METAL STUD AT 24" O.C. PARTITION SEE SHEET A9.1 FOR WALL TYPES
- METAL PANEL VENEERED PILASTER
- PRE-MANUFACTURED FREEZER/COOLER WALL
- F.R.P. PANELING. SEE KEYNOTES & SHT. A3.2
- 3/4" PLYWOOD W/F.R.P. PANELING. SEE KEYNOTES & SHT. A3.2
- WINDOW TYPE: SEE WINDOWS SCHEDULE SHEET A6.0
- DOOR TYPE: SEE DOOR SCHEDULE SHEET A6.0

RESTROOM KEY NOTES [X]

1. 30X48 ADA ACCESSIBLE SPACE AT LAV.
2. PARTITION
3. COUNTER - SEE INTERIOR ELEVATIONS
4. 30X48 ADA ACCESSIBLE SPACE AT URINAL
5. CONVENIENCE HOOKS
6. GRAB BAR 1-1/4" - 1-1/2" DIAMETER, PROVIDE ADEQUATE BLOCKING
7. FLOOR DRAIN. SEE PLUMBING DWGS.
8. INSULATED WATER AND DRAIN PIPES
9. 60" DIA. MIN. CLEAR FOR WHEELCHAIR
10. CERAMIC TILE WALLS
11. INSTALL BLOCKING FOR CHANGING TABLE
12. CHANGING TABLE TO BE INSTALLED BY G.C.
13. TOILET FLUSH VALVES TO BE ON THE WIDE SIDE OF STALL
14. TOILET PAPER DISPENSER
15. SANITARY NAPKIN DISPOSAL
16. MIRROR
17. SOLID BLOCKING AT WALL FOR ALL MOUNTED EQUIPMENT
18. FLOOR SHALL SLOPE TO DRAIN
19. TOILET SEAT COVER DISPENSER
20. RECESSED HAND DRYER
21. 59"x60" ACCESSIBLE SPACE FOR WATER CLOSET

RESTROOM SIGN NOTE:
SIGNS DENOTING THE RESTROOMS SHALL INCLUDE LETTERS AND NUMERALS THAT ARE RAISED 1/32", UPPER CASE, SANS SERIF OR SIMPLE SANS SERIF AND SHALL BE ACCOMPANIED WITH GRADE 2 BRAILLE.
MOUNTING HEIGHTS FOR THE SIGNS DENOTING THE RESTROOMS SHALL BE LOCATED 48 INCHES MINIMUM ABOVE THE FINISH FLOOR, MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER. MOUNTING LOCATION FOR THE SIGN SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF THE SIGN WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF THE DOOR.

- NOTES:
- A. SEE ROOM FINISH SCHEDULE ON SHEET A1.2.
 - B. SEE EQUIPMENT SCHEDULE ON SHEETS A1.4 AND A1.5.
 - C. SEE DETAIL 5/A3.3 FOR RESTROOM WALL TILE PATTERN.
 - D. SEE SHEET A3.3 FOR RESTROOM ELEVATIONS AND DETAILS.

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
757 Beal Parkway NW
Fort Walton Beach, Fl. 32547
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33805
Phone: (888) 646-9133
FL. CA. #4857

NO.	DATE	REVISION	DESCRIPTION

MICHAEL ROBINSON
FLORIDA P.E. REG # 28100

6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVIS HIGHWAY,
PENSACOLA, FLORIDA 32514

SCALE: AS NOTED MDM JOB # 18012
DATE: 03-16-2021
DESIGNED BY: PH
DRAWN BY: PH FILE NAME: 0518012-0000-0000-A1.3.DWG
CHECKED BY:

DRAWING TITLE:
FINISH DIMENSION FLOOR PLAN, WALL TYPES AND ENLARGED RESTROOM

SHEET NO.:

A1.3

ISSUED FOR BID 03/08/2024

Designation	ITEM	PART NO. / DESCRIP.	MANUFACTURER	QTY	PURCHASED BY	INSTALLED BY	UTILITY REQUIREMENTS	DIMENSION(S)/SPECIFICATIONS/NOTES
1	Goodie Package	-	Microware	Per Plan	Owner	GC	-	-
2	Prep Area Hood	-	-	1	Owner	GC	-	-
3	Trash Container	-	-	Set	Owner	GC	-	-
4	Electrical Panels	-	Carolina Products, INC	1	Owner	GC	-	-
5	Battery Backup	UPS-PH83X	Carolina Products, INC	1	Owner	GC	176-276V / 50/60Hz	MANUFACTURER POWER NETWORK (MPPN-1.5)
6	PUMP CONTROL PANEL	FE PETRO STP-3D	AND DISTRIBUTING	1	Owner	GC	120/240V / 30 AMPS	-
7	MONITORING SYSTEM	TL5450	GUARDIAN	1	Owner	GC	-	-
8	DLS/FM RELAY	-	-	1	Owner	OTHERS	ELECTRICAL POWER SUPPLY BY GENERAL CONTRACTOR	COORDINATE WITH LOCAL PHONE COMPANY
9	TELEPHONE MFG. BD.	-	-	1	GC	GC	-	-
10	Front End Merchandise Display	-	Microware	4	Owner	GC	-	-
11	Gift Cards, Souvenirs, and Cell Phone Racks	-	Vendor	3	Owner/ Vendor	GC	-	-
12	Cabinet/Top	-	Rayston	Per Plan	Owner	GC	-	-
13	Hot Dog Island	-	Rayston	1	GC	GC	-	-
14	Brew Cans, Presses, Wash In Colder and Dolly	-	KPS Global	PKG	GC	GC	-	-
15	Refrigerated Deli Case	TH42C-6	Hammann	1	GC	GC	See Manufacturer Specification Sheets	Self Contained Open Air Deli Case
16	Fountain Dispenser	Cornelius ED-300	Tro-Temp	3	Owner	GC	115V/5.2amps	-
17	Frozen Beverage Dispenser	F8054-RC	FBD	3	Owner	GC	215 TO 245 VAC SINGLE PHASE 3 WIRE, 20 AMP	UNIT TO BE FURNISHED W/ 14-6278-0002 BUCK N BOOST TRANSFORMER
18	Roller Grill Package	503CE	Star Manufacturing	2	Owner	GC	3"Ø SUPPLY, 30 PSI FLOWING	W/5-15P Plug
19	Fire Extinguisher	-	-	2	Owner	GC	-	2A-10BC, 5 POUND EA.
20	Microwave	Amana RC3015	Piper	2	Owner	GC	120V/15 AMPS/60Hz/1 PH	-
21	Cooler/Shelving	-	Stalpine	PKG	Owner	GC	-	-
22	Cooler Reach In Doors	-	Stalpine	PKG	Owner	GC	-	-
23	Bever Case Entry Door	-	Stalpine	PKG	Owner	GC	-	-
24	Laminated FEM	-	-	1	Owner	Vendor	As Required	G.C. to provide electrical requirements
25	Ice Merchandise	-	-	1	Owner	Vendor	As Required	G.C. to provide electrical requirements
26	Product Refill Mug Display	-	Studio Line	1	Owner	Vendor	-	-
27	Buffed Peanuts	-	Vendor	1	Owner	GC	120/60/1 PH 10.0 AMPS	-
28	Chili/Cheese Dispenser	Dual	GBHL's	1	Owner	GC	-	-
29	Coffee Brewer	Coffee Art C-Touch	Schaefer	4	Owner	GC	208V/ 20 AMPS W/ NEMA L6-20R PLUG	POWER REQUIRED FOR EA. UNIT. SEE ELEC. DRAWINGS. START UP BY OTHERS
30	Cappuccino Machine	Bunn IMX-35	Curtis	1	Owner	GC	120V / 15 AMPS / 1800 WATTS	START UP BY OTHERS
31	Creamer Machine	Model 400	-	1	Owner	GC	110/120V/18 AMPS	-
32	REACH-IN FREEZER	BEV AIR FB49-15	Piper	1	Owner	GC	115V/60/1 PH/11.9 AMP	WITH 6 HEAVY DUTY CASTERS (2) LOCKING, STANDARD
33	REACH-IN COOLER	BEV AIR FB49-15	Piper	1	Owner	GC	115V/60/1 PH/11.9 AMP	WITH 6 HEAVY DUTY CASTERS (2) LOCKING, STANDARD
34	Turbo Chef	-	Turbo Chef	1	Owner	GC	-	-
35	-	-	-	-	-	-	-	-
36	Ice Maker & Bin	CG50M-32	Scottomann	1	Owner	GC	208-230V/60/1 PH, 7.8 AMPS, 1512P	AIR COOLED, W/ 65305 ICE BIN, 18172 BIN TOP & 55M2P WATER FILTER ASSEMBLY
37	New & Magazine Rack	-	-	1	Owner	GC	-	-
38	48" E-Cig Cigars	-	-	1	Owner	GC	-	-
39	Bunn Warmer	-	Curtis	1	Owner	GC	120V/1.5 AMPS 180 WATTS	2 SH STAND - PRODUCT # 27875-003
40	Lids/Straws	-	Per Plan	Owner	GC	-	-	-
41	27" Display Case	-	Piper	1	Owner	GC	120V/1 PH CONV. OUTLET	W/5-15P Plug
42	40" Countertop	-	-	2	Owner	GC	-	-
43	Lottery Ticket Dispenser	In-Counter	Take-A-Ticket	2	Owner	Vendor	-	-
44	Lotto Machine	On Counter/Entry	State Lottery	1	Owner	State Lottery	G.C. to provide electrical power supply	Provided by State Lottery Commission
45	Electronic Point of Sale (EPS)	-	Radiant	4	Owner	Vendor	G.C. to provide electrical power supply	-
46	Back Bar Cigarette Rack	-	Rayston	1	Owner	GC	110V	-
47	INTERCOM	3M Intercom System	GRANGER	Per Plan	OWNER	GENERAL CONTRACTOR	-	-
51	SAFE	TD-825-1000-000 / Tidel Tidel CASH CONTROLLER	ULASCO	1	OWNER	-	-	-
52	WATER FILTER	EV94870 / HF CSR QUAD-DMC SYSTEM	FILTER PURE	1	OWNER	GENERAL CONTRACTOR	No electrical connection required	Overall Dimensions: 25.69" H x 34" W x 6.75" D. Choose a mounting location suitable to support the full weight of the system when operating. Use 3/4" water line. Fountain equipment connections are made to the outlet part of the system before the SR-X system. Coffee brewer and ice machine connections are made after the SR-X feeder a tee is required. Install vertically with cartridges hanging down. Allow 2 1/2" clearance below the cartridge for easy cartridge replacement. Flush cartridges by running water through flushing valve for five minutes at full flow.
54	BULK CO2 STORAGE	NUCO2	NUCO2	1	OWNER	SUPPLIER	-	PROVIDED CHART STORAGE CABINET
55	Dining Set: 5 Chairs + 2 Tables (1) ADA Compliant Height	-	-	7	GC	GC	-	-
56	DRY STORAGE SHELVING	18" x 36" Chrome Plated Shelving, 850 lb Capacity, NSF 747 High Post(s) / 18" x 48" Chrome Plated Shelving, 850 lb Capacity, NSF 747 High Post(s) (5 SHELVES HIGH EACH)	KPS	3	OWNER	GENERAL CONTRACTOR	-	NOT APPLICABLE
57	Storage Shelf	-	-	Per Plan	GC	GC	-	-
58	Backflow Prevention Device	-	-	1	GC	GC	-	-
59	3 COMP SINK	FE-3-1812-18RLX	ADVANCED TABCO	1	OWNER	GENERAL CONTRACTOR	80" L X 23.75" W	-
60	DOOR CHIME TRANSFORMER	OPT-FACTD-20U / OPTEX WIRELESS KIT	CBE	1	OWNER	SUPPLIER	-	-
61	DOOR CHIME TRANSFORMER	OPT-FACTD-20U / OPTEX 3 CHANNEL RECEIVER	CBE	3	OWNER	SUPPLIER	-	-
65	CO2 DETECTION SYSTEM	LOGIC2 ALERT SYSTEM	NUCO2	2	OWNER	SUPPLIER	230/110V W/ 50MIN. BACK-UP OWNER SUPPLY (BATTERY BACK-UP REQUIRED)	FULL CO2 DETECTION SYSTEM TO INCLUDE CONTROL UNIT, SENSORS, ALARMS, STROBS & MONITORING DEVICES
66	DOOR CHIME MOTION DETECTOR	-	CBE	1	OWNER	SUPPLIER	-	-
67	TOILET PARTITIONS	B-1082 5-445 ALMOND	BOBRICK	3	GENERAL CONTRACTOR	GENERAL CONTRACTOR	-	PROVIDED ADEQUATE BLOCKING
68	BABY CHANGING TABLE	1832D-60	-	-	-	-	-	-
69	RESTROOM SIGNS	Item RW1025, Braille Sign / Item RW1026, Mens RR & Womens RR Sign	GRANGER	SET	OWNER	GENERAL CONTRACTOR	-	SEE DET. (UAS) FOR SIGNAGE
70	WATER CLOSET	224-025-025-100	AMERICAN STANDARD	3	GENERAL CONTRACTOR	GENERAL CONTRACTOR	1.6 GALLONS PER FLUSH	SEE PLUMBING PLANS FOR ADDITIONAL INFORMATION
71	LAVATORY	426-028	AMERICAN STANDARD	4	GENERAL CONTRACTOR	GENERAL CONTRACTOR	SEE PLUMBING PLAN FOR ADDITIONAL INFORMATION	PROVIDED ADEQUATE BLOCKING
72	UTILITY HOODS	B-6707	BOBRICK	3	GENERAL CONTRACTOR	GENERAL CONTRACTOR	-	PROVIDED ADEQUATE BLOCKING
73	MIRROR	B-290-246	BOBRICK	4	GENERAL CONTRACTOR	GENERAL CONTRACTOR	-	PROVIDED ADEQUATE BLOCKING
74	GRAB BAR	B-3806	BOBRICK	2 (31" VERT) 2 (36" HORIZ) 2 (42" HORIZ)	OWNER	GENERAL CONTRACTOR	-	-
75	TOILET PAPER DISPENSER	B-28801	BOBRICK	3	GENERAL CONTRACTOR	GENERAL CONTRACTOR	-	PROVIDED ADEQUATE BLOCKING
76	RECESSED TRASH RECEPTACLE	B-43844	BOBRICK	4	GENERAL CONTRACTOR	GENERAL CONTRACTOR	-	PROVIDED ADEQUATE BLOCKING
77	SOAP DISPENSER	B-4112	BOBRICK	4	GENERAL CONTRACTOR	GENERAL CONTRACTOR	-	PROVIDED ADEQUATE BLOCKING
78	TOILET SEAT COVER DISPENSER	B-4221	BOBRICK	3	GENERAL CONTRACTOR	GENERAL CONTRACTOR	-	PROVIDED ADEQUATE BLOCKING
79	UNIRIAL	B-5016-ET	BOHRER	1	GENERAL CONTRACTOR	GENERAL CONTRACTOR	SEE PLUMBING PLAN FOR ADDITIONAL INFORMATION	PROVIDED ADEQUATE BLOCKING
80	SANITARY NAPKIN DISPENSER	B-353 / B-354	BOBRICK	1 EA.	GENERAL CONTRACTOR	GENERAL CONTRACTOR	SEE PLUMBING PLAN FOR ADDITIONAL INFORMATION	PROVIDED ADEQUATE BLOCKING
81	UNIRIAL PARTITIONS	B-1085 5-445 ALMOND	BOBRICK	2	GENERAL CONTRACTOR	GENERAL CONTRACTOR	SEE PLUMBING PLAN FOR ADDITIONAL INFORMATION	PROVIDED ADEQUATE BLOCKING
82	DESK	-	-	1	GENERAL CONTRACTOR	GENERAL CONTRACTOR	NOT APPLICABLE	BUILT IN BY GC
83	CHAIR	38762 / Office Chair	GRANGER	1	OWNER	GENERAL CONTRACTOR	NOT APPLICABLE	-
85	TELEPHONE	-	-	1	OWNER	OWNER	-	-
86	BACK OFFICE COMPUTER	-	-	1	OWNER	OWNER	-	ELECTRICAL REQUIREMENTS BY GC.
87	SAFETY CABINET	Item# 4421 MF, Model# U1229-APT / Box Locker, Unassembled, 6 Tier, 12 in. W	GRANGER	1	OWNER	GENERAL CONTRACTOR	-	-
88	ATM	HALO 2	HCSISING	1	OWNER	SUPPLIER	115V/2 AMPS/50WZ CAT 5 WIRING & RJ-45 JACK	-
89	HAND SINK	KROVING	HS-79	2	GENERAL CONTRACTOR	GENERAL CONTRACTOR	26" W WITH SIDE SPLASHES AND SOAP & PAPER TOWEL DISPENSER	TO BE INSTALLED W/ P-TRAP
90	MOP SINK	MALTEE	6.3M	1	GENERAL CONTRACTOR	GENERAL CONTRACTOR	-	SEE PLUMBING PLANS FOR ADDITIONAL INFORMATION
91	CO2 SIGNS	-	-	2	GENERAL CONTRACTOR	GENERAL CONTRACTOR	-	SEE DET. (UAS) FOR SIGNAGE
92	REACH-IN FREEZER	TURBO AIR	TSF-480-N	1	GENERAL CONTRACTOR	GENERAL CONTRACTOR	2 DR/29.3 CU.FT. 6 SHELVES 23HP 5.5 AMPS	54 3/8" x 30 3/8" x 78 1/4"

103	PREP AREA HOOD	3347 80-2-PSP-F	CAPTIVEAIRE	1	OWNER	GENERAL CONTRACTOR	650 DEG. COOK TOP/ 1200CFM EXHAUST FAN 560 CFM SUPPLY FAN	SEE MECHANICAL & CAPTIVEAIRE SHOP DRAWINGS FOR MORE INFORMATION
104	WORK TABLE	900T83085	REGENCY	1	OWNER	GENERAL CONTRACTOR	115-230V/1PH/50/60Hz/1.36-2.44amps/220Watts	-
105	NATURAL GAS FRIER	FRIAATOR 655	PITCO	2	OWNER	GENERAL CONTRACTOR	65-803BS 18 x 18 in (45.7 x 45.7 cm)	-
106	COUNTERTOP CONVECTION OVEN	OV-069	CADCO	1	OWNER	GENERAL CONTRACTOR	-	-
107	GAS RANGE	355582G(L/N)	CFG	1	OWNER	GENERAL CONTRACTOR	-	-
108	55 WORK TABLE	500T503075	REGENCY	1	OWNER	GENERAL CONTRACTOR	72" x 30" W x 34" H WGT: 99 LB	-
109	SINGLE DOOR REFRIGERATOR	MORF4-N	TUBED AIR	1	OWNER	GENERAL CONTRACTOR	114-w/PT2.5AMPS/22.98CU.FT. 28 3/4" L x 30 3/4" D x 78" H	NEMA 5-15P PLUG REFRIGERANT: R-290 FILTER STARTER KIT TO BE INCLUDED
110	FRYMASTER OIL FILTER MACHINE	FF95P	FRYMASTER	1	OWNER	GENERAL CONTRACTOR	113 HP MOTOR	TOP SHELF HEAT KIT TO BE INCLUDED
111	4-PAN HOT FOOD CASE	HFC-4	KRISPY KRUNCHY FOODS	1	OWNER	GENERAL CONTRACTOR	120 volt 30 amp circuit Plug = NEMA #5-30P	TOP SHELF HEAT BULBS: 2 x 125 watts, 5 x 250 watts BOTTOM SHELF HEAT BULBS: 5 x 150 watts
112	47" LCD MENU BOARDS	LID-43	KRISPY KRUNCHY FOODS	2	OWNER	GENERAL CONTRACTOR	AC100-240V (+/- 30%), 50/60 Hz	TO BE PURCHASED WITH CEILING MOUNT BRACKETS
121	FAUCET	PH 5195/ SLOAN OPTIMA ETR0-4 P	GRANGER	4	OWNER	GENERAL CONTRACTOR	VOLTAGE: 240VAC/ AMPS 2 AC ELECTRONIC, PLUG IN TRANSFORMER	-
122	ALARMED RM EXIT DETEX	EH	GRANGER	1	OWNER	GENERAL CONTRACTOR	-	-

CLIENT:

ALT PENSACOLA INC.

Abu Mridha
757 Beal Parkway NW
Fort Walton Beach, FL 32547
Phone No. 775-848-1271

DESIGN TEAM TITLE:

MDM SERVICES, INC.

engineering • environmental • construction

1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33855
Phone: (863) 646-9130
FL, CA, #4857

NO. DATE REVISION DESCRIPTION

MICHAEL ROBINSON
FLORIDA P.E. REG # 28505

**6,625 SQ. FT.
BUILDING**

SITE DESIGNATIONS:

**NEW
CONVENIENCE
STORE**

**7822 NORTH DAVIS
HIGHWAY
PENSACOLA, FLORIDA
32514**

SCALE: AS NOTED MDM JOB # 18012

DATE: 03-16-2021

DESIGNED BY: PH

DRAWN BY: PH FILE NAME: 07-18012-11-15.DWG

CHECKED BY:

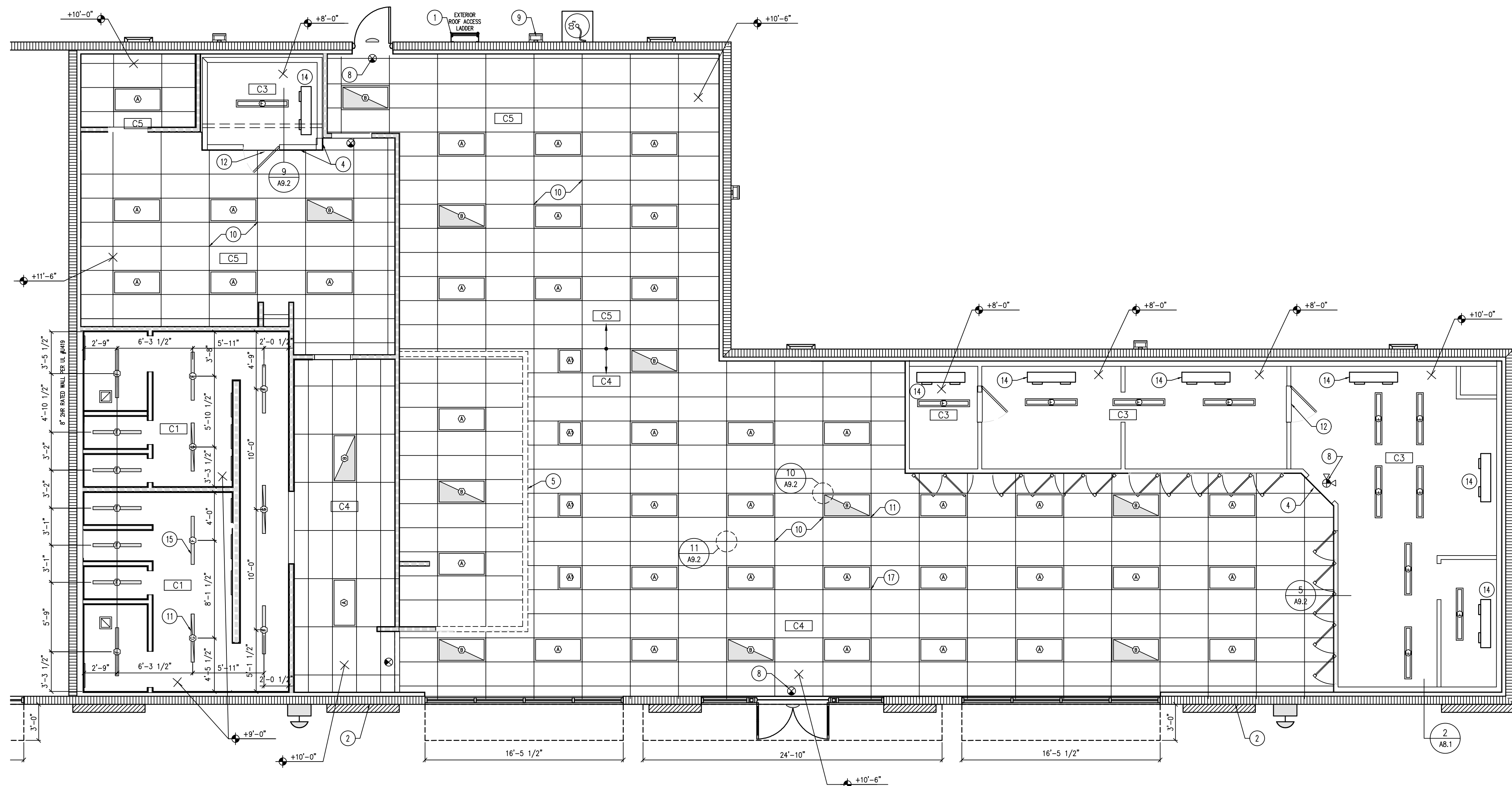
DRAWING TITLE:

**EQUIPMENT
LIST**

SHEET NO.:

A1.5

ISSUED FOR BID 03/08/2024



1 REFLECTED CEILING PLAN
 SCALE: 3/16" = 1'-0"

KEY NOTES

1. ROOF ACCESS LADDER, SEE DETAIL SH. AB.4
2. STUCCO SYSTEM PER ESR-1607 WITH ACRYLIC FINISH, OVER RIGID INSULATION
3. VENDOR VALANCE SUSPENDED FROM CEILING. SEE INT. ELEVATIONS.
4. 1/2" W.R. GYP. BOARD APPLIED TO FACE OF COOLER AND VALANCE ABOVE COOLER. FINISH SAME AS ADJACENT WALL. SEE DET. 5/AB.2.
5. SOFFIT LINE
6. NOT USED.
7. NOT USED.
8. ILLUMINATED EMERGENCY EXIT SIGN. SEE ELECTRICAL
9. EXTERIOR LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS AND EXTERIOR ELEVATIONS
10. SUSPENDED CEILING SYSTEM. SEE DETAILS 10/AB.2 & 11/AB.2.
11. EMERGENCY BATTERY BACKUP LIGHT. SEE ELECTRICAL.
12. 24"x24" ACCESS PANEL ABOVE COOLER DOOR.
13. MECHANICAL TOP UNIT SHOWN FOR REFERENCE ONLY, SEE MECHANICAL AND ROOF PLAN
14. EVAPORATORS, SEE MECH.
15. SURFACE MOUNTED LIGHT, SEE ELECT.
16. RECESSED LIGHT, SEE ELECT.
17. LED LENS, SEE ELECT.

LEGEND

- C4 → CEILING TYPE
- 3'-X'-X" → CEILING HEIGHT
- 4' → SUSPENDED GRID, REFER TO ROOM FINISH SCHEDULE SHEET A1.2
- 5/8" GYP. BD. CLNG.
- 2 x 4 LED LIGHT FIXTURE (PARABOLIC)
- 2 x 4 N.L. & EMERG. LED LIGHT FIXTURE
- MOISTURE PROOF FIXTURE SUPPLIED BY COOLER MFR.
- RECESSED OR SUSPENDED CAN LIGHT FIXTURE
- LED SECURITY LIGHT WITH BATTERY BACK-UP
- EXTERIOR WALL MOUNT LIGHT FIXTURE
- ILLUM. EXIT SIGN
- EMERGENCY BATTERY BACKUP LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- EXHAUST FAN
- CEILING ELECT. OUTLET
- LED TRANSFORMER FOR INTERIOR SIGNAGE ABOVE CEILING
- CAMERA LOCATION
- TRACK LIGHT

GENERAL NOTES

1. SEE FINISH SCHEDULE ON SHEET A1.2 FOR FINISHES
2. DIMENSIONS FOR LIGHT FIXTURE LOCATIONS ARE TO CENTERLINE OF FIXTURE UNLESS OTHERWISE NOTED.

CEILING TYPES

- C1 5/8" GYP. CEILING BOARD - PAINTED SW6105
- C2 5/8" GYP. CEILING BOARD - PAINTED SW7007
- C3 FACTORY FINISH
- C4 ARMSTRONG FF-1729 ACOUSTICAL 24"x48"x5/8" LAY-IN TILE, COLOR: PRE-FINISHED WHITE SUPPLIED AND INSTALLED BY G.C. "T" BAR GRID SUPPLIED AND INSTALLED BY G.C. TO MATCH LAY-IN TILE.
- C5 ARMSTRONG, NON-PERFORATED VINYL FIRE GUARD #870. 24"x48"x5/8" SQUARE EDGE LAY-IN FIRE GUARD WITH WHITE ALUMINUM GRID. COLOR: WHITE. SUPPLIED BY G.C. INSTALLED BY G.C.

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 757 Beal Parkway NW
 Fort Walton Beach, FL 32547
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33850
 Phone: (863) 646-9130
 FL, CA, #4857

NO.	DATE	REVISION	DESCRIPTION

MICHAEL ROBINSON
 FLORIDA P.E. REG # 28505
6,625 SQ. FT. BUILDING

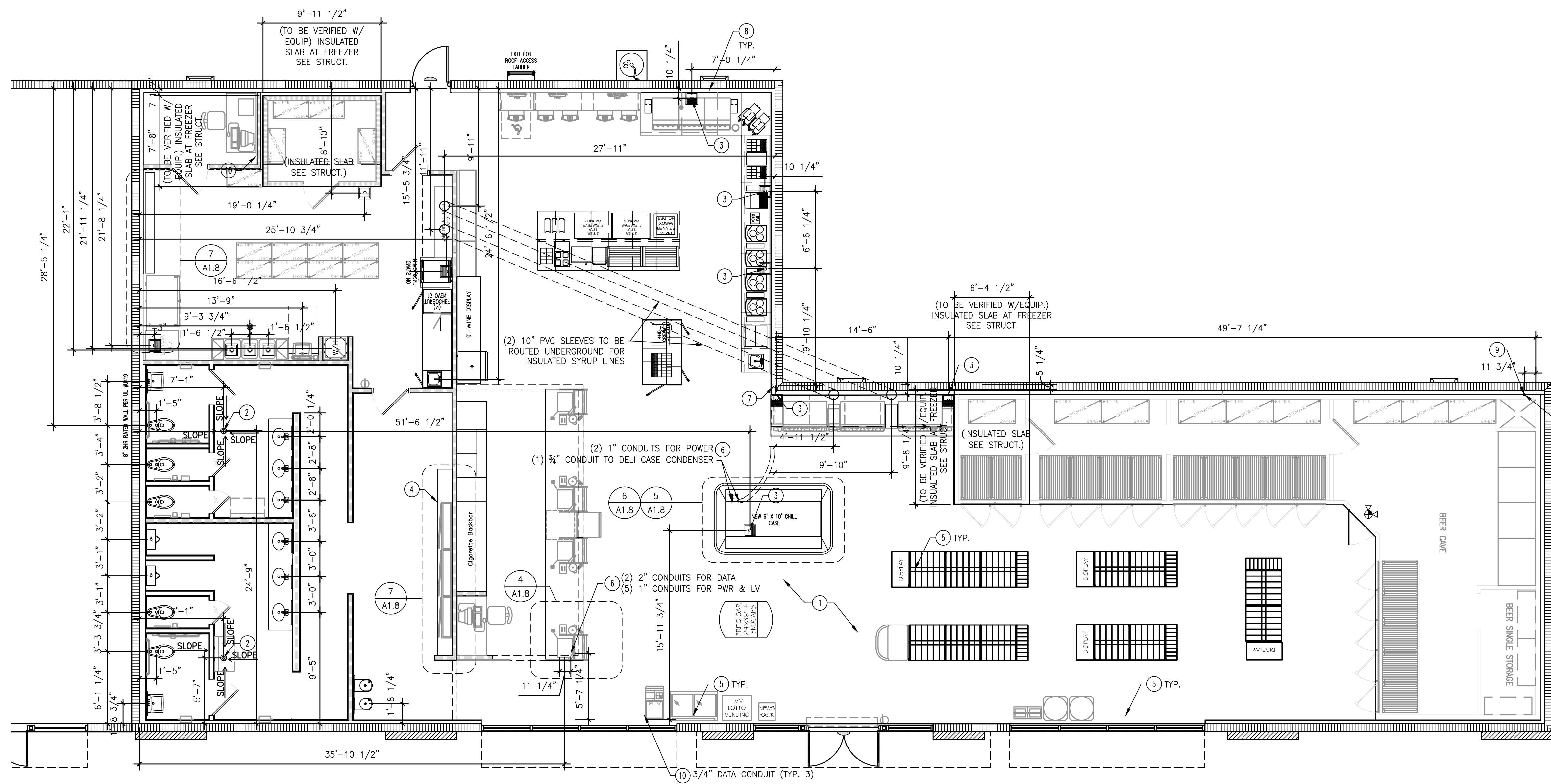
SITE DESIGNATIONS:
NEW CONVENIENCE STORE
 7822 NORTH DAVIS HIGHWAY
 PENSACOLA, FLORIDA 32514

SCALE: AS NOTED	MDM JOB # 18012
DATE: 03-16-2021	
DESIGNED BY: PH	
DRAWN BY: PH	FILE NAME: 0818012.dwg
CHECKED BY: PH	A1.6.DWG

DRAWING TITLE:
REFLECTED CEILING PLAN

SHEET NO.:
A1.6

ISSUED FOR BID 03/08/2024



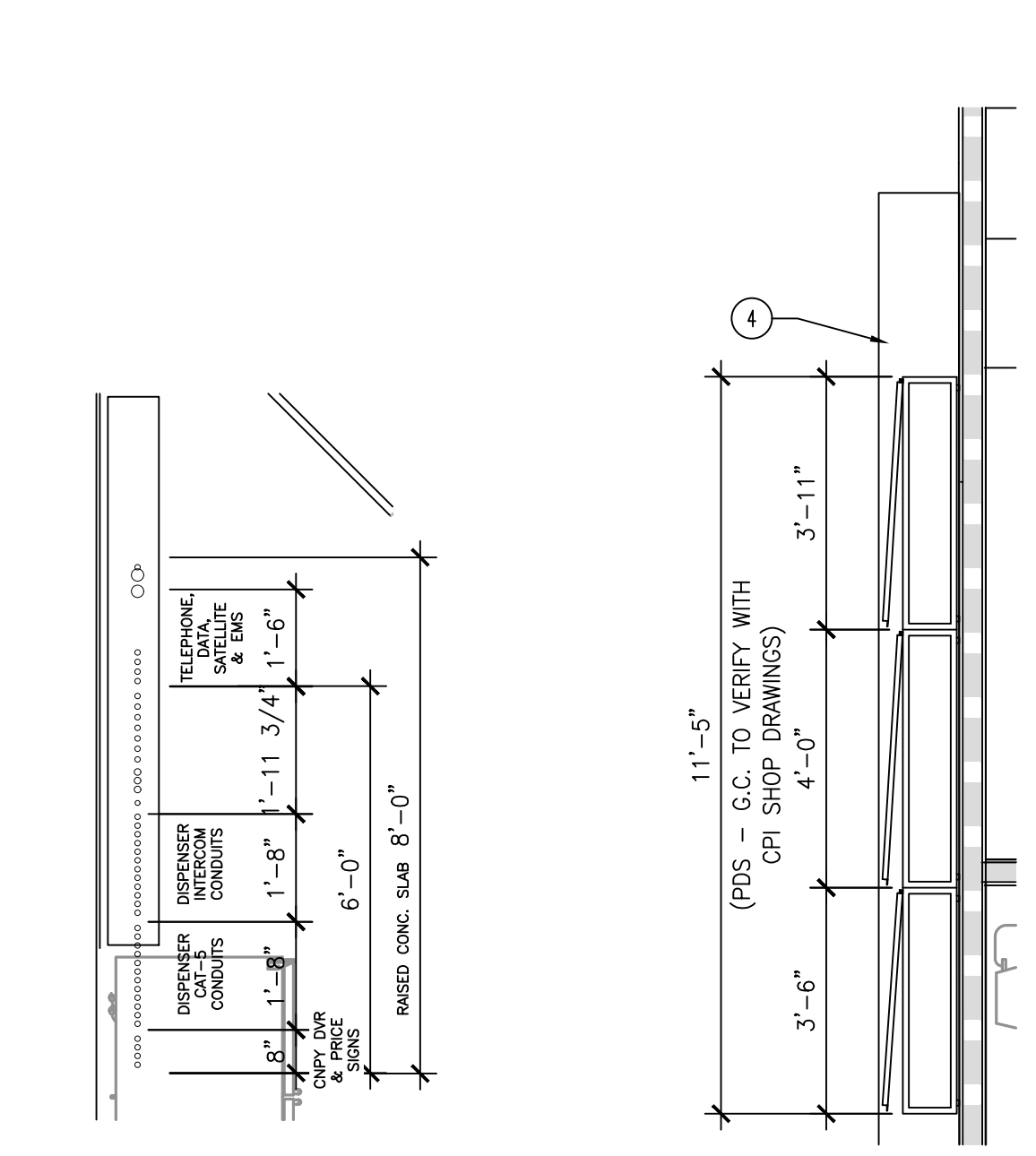
- KEY NOTES**
1. CONCRETE SLAB, SEE STRUCTURAL FOR REINFORCING
 2. FLOOR DRAINS, SEE PLUMBING DRAWINGS
 3. FLOOR SINK, SEE PLUMBING DRAWINGS
 4. 4" RAISED CONC. AT ELECTRICAL FLOOR PENETRATIONS. SEE FOUNDATION PLAN, SHEET S2.1
 5. ELECTRICAL FLOOR OUTLET, SEE ELECTRICAL DRAWINGS
 6. CONDUIT STUB, SEE ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION.
 7. CONDUIT & SLEEVE PIPE UNDER SLAB FOR DELI ISLAND REFRIGERANT LINE, SLEEVE PIPE TO BE CUT FLUSH AND LEVEL WITH SLAB, SEE MECHANICAL DRAWINGS AND DETAIL 2/A1.8.
 8. PROVIDE (1) 3/4" CONDUIT FROM FBD UNITS TO FBD CONDENSERS FOR CONTROLS.
 9. 2" CONDENSATION DRAIN W/ 2" AIR GAP OUT TO STORM DRAINAGE SYSTEM. SEE CIVIL DWGS FOR MORE INFORMATION
 10. 3/4" CONDUIT FROM FRAME RELAY FOR PHONE/DATA

- GENERAL NOTES**
1. VERIFY ALL SLAB PENETRATION LOCATIONS WITH CONSTRUCTION PROJECT MANAGER AND EQUIPMENT MFG.
 2. CONTRACTOR SHALL ADEQUATELY SEAL ALL FLOOR, WALL, AND, ROOF PENETRATIONS.

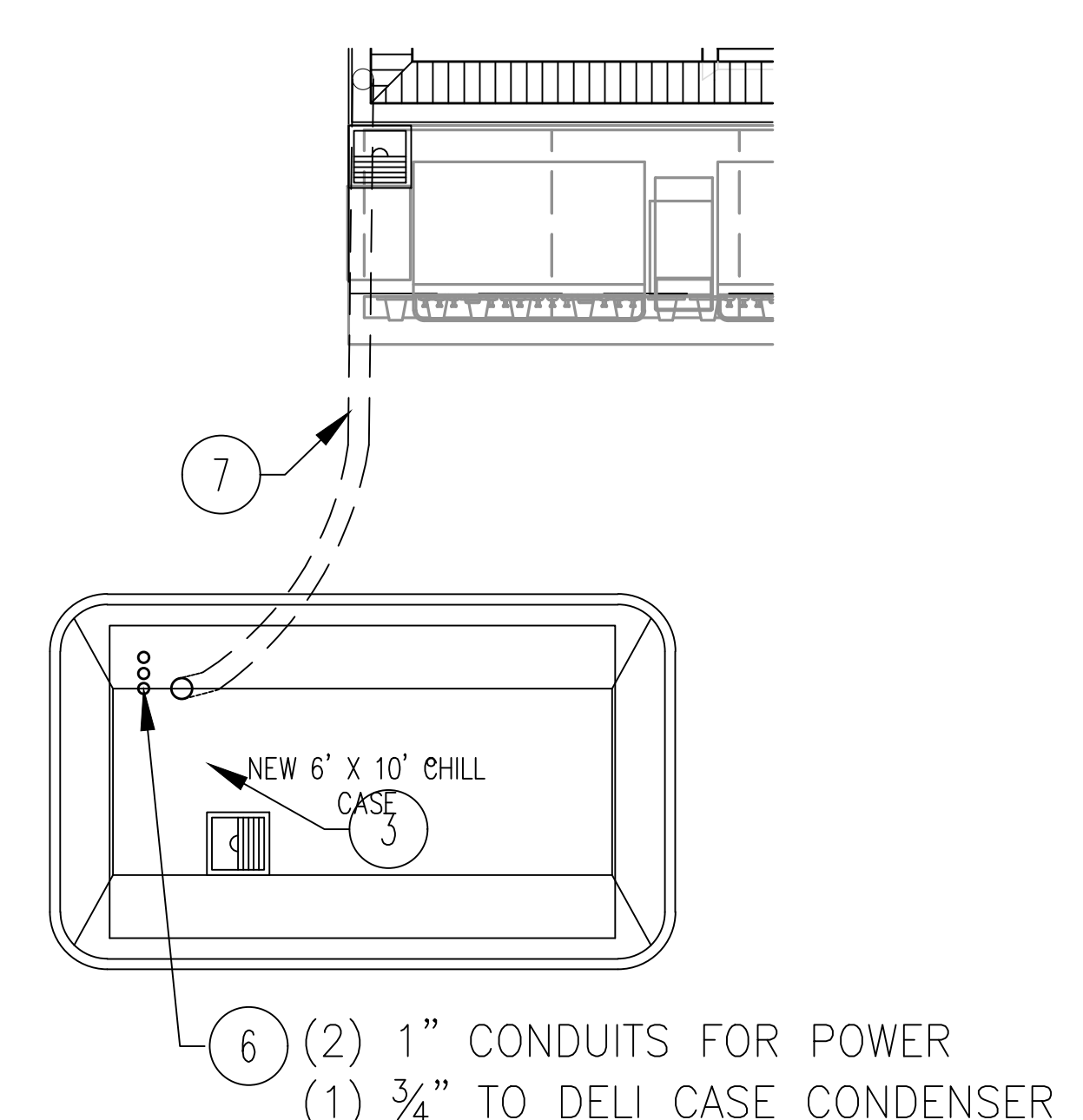
CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 757 Beal Parkway NW
 Fort Walton Beach, FL 32547
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33805
 Phone: (863) 646-9130
 FL, CA, #4857

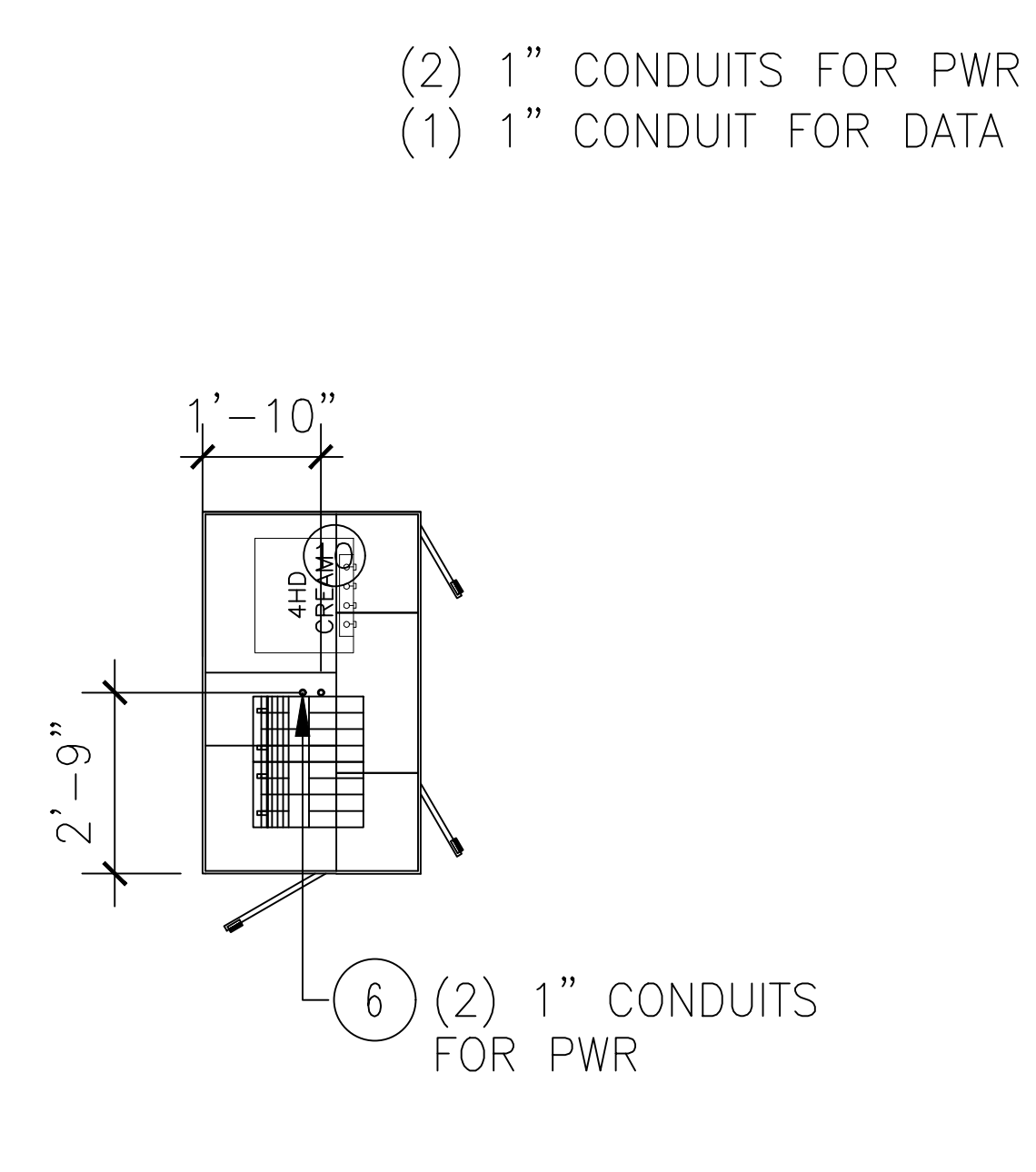
1 FLOOR PENETRATION PLAN
 SCALE: 3/16" = 1'-0"



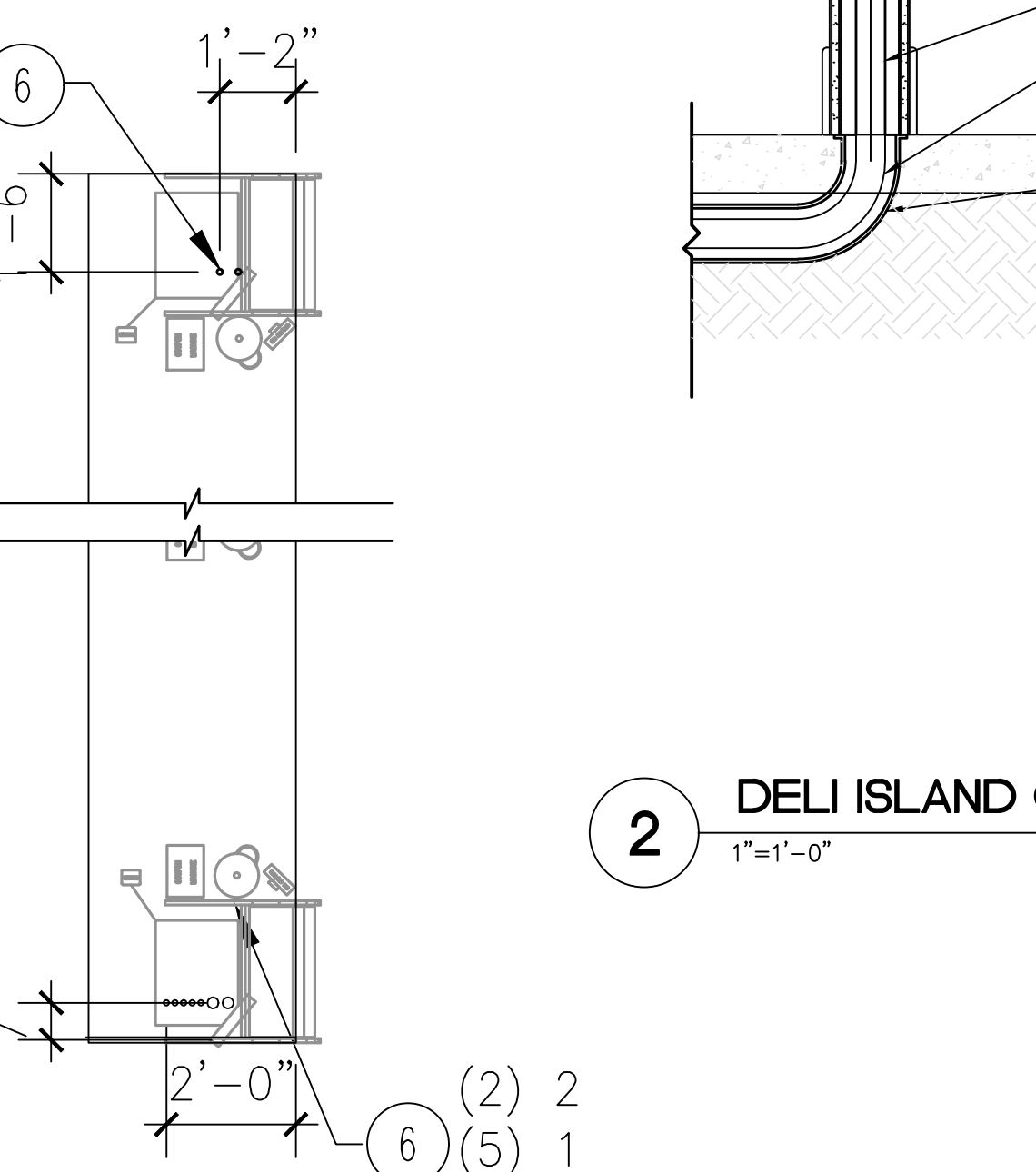
7 ENLARGED AT ELECTRICAL PANELS
 SCALE: 3/8" = 1'-0"



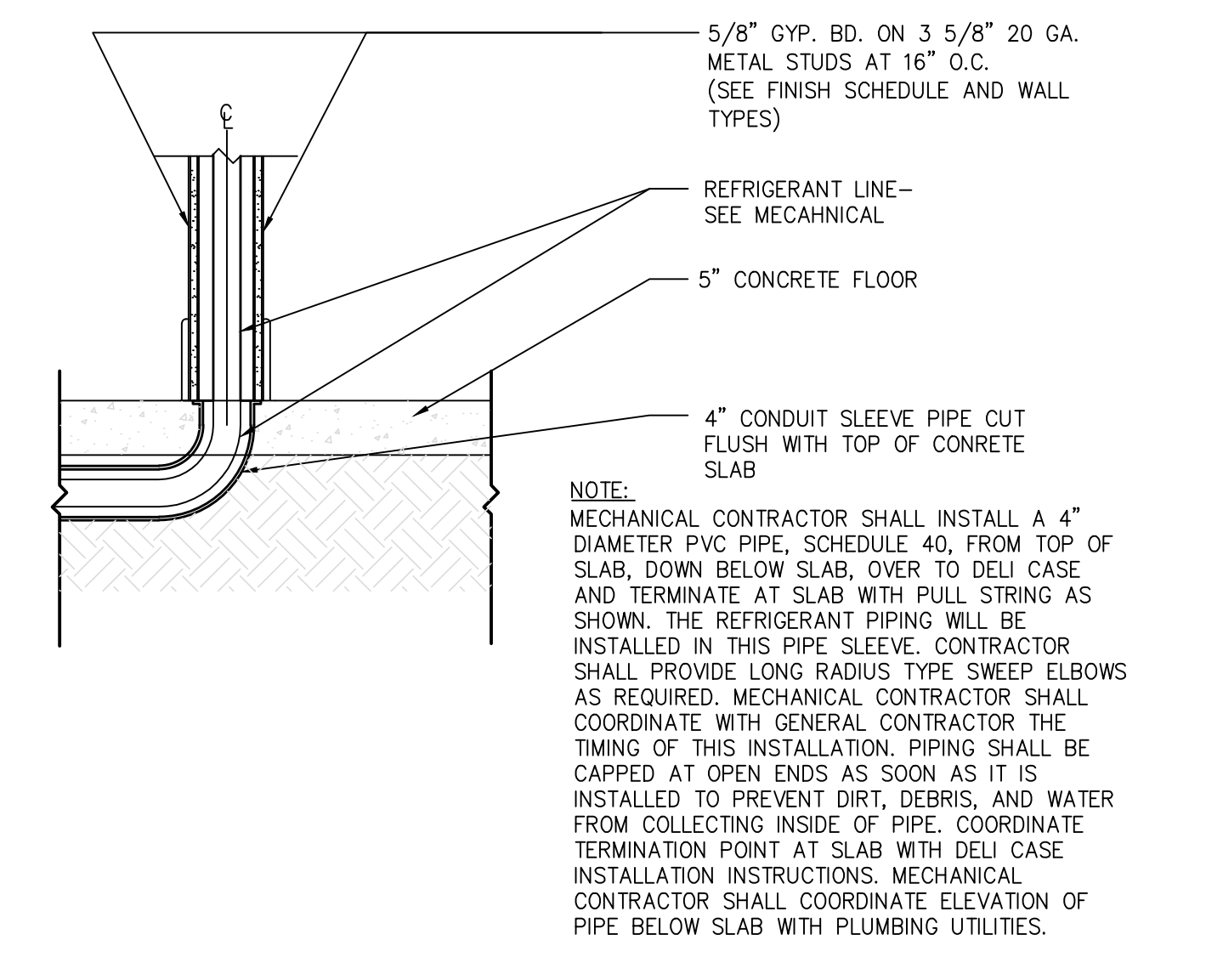
6 ENLARGED AT CONDIMENT BAR
 SCALE: 3/8" = 1'-0"



5 ENLARGED AT HOT DOG GRILL
 SCALE: 3/8" = 1'-0"



4 ENLARGED AT CASHIER AREA
 SCALE: 3/8" = 1'-0"



2 DELI ISLAND CONDUIT DETAIL
 SCALE: 1" = 1'-0"

NO.	DATE	REVISION	DESCRIPTION

MICHAEL ROBINSO
 FLORIDA P.E. REG # 28

6,625 SQ. FT. BUILDING

NEW CONVENIENCE STORE

7822 NORTH DAVIS HIGHWAY, PENSACOLA, FLORIDA 32514

SCALE: AS NOTED MDM JOB # 18012

DATE: 03-16-2021

DESIGNED BY: PH

DRAWN BY: PH FILE NAME: 1118012_03162021_A1.8.DWG

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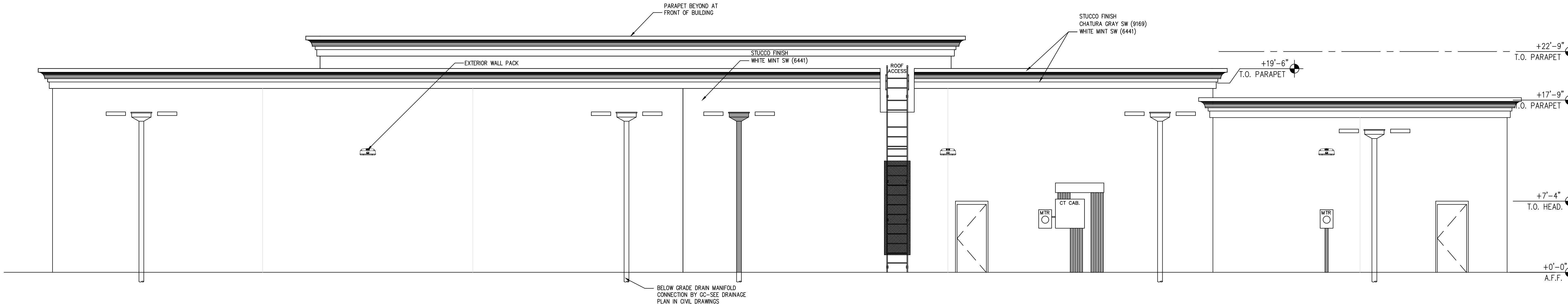
DRAWING TITLE:
FLOOR PENETRATION PLAN

SHEET NO.:
A1.8

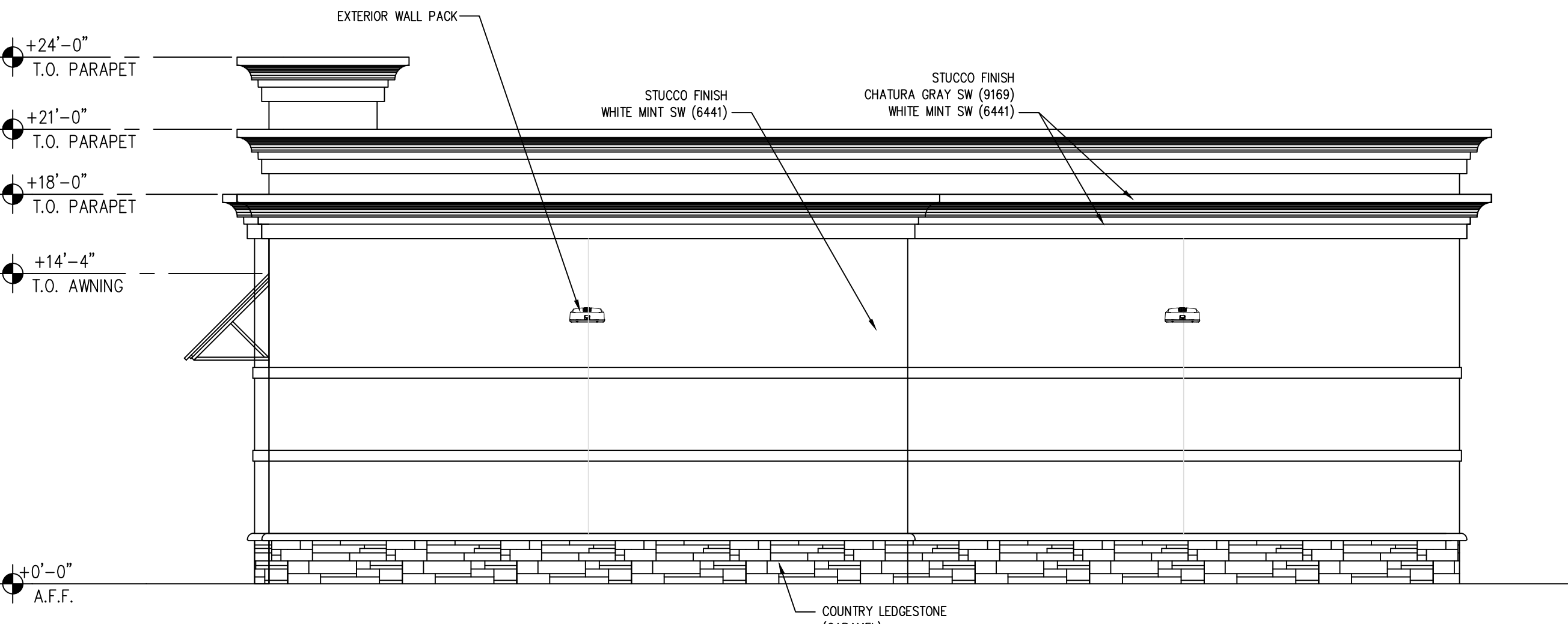
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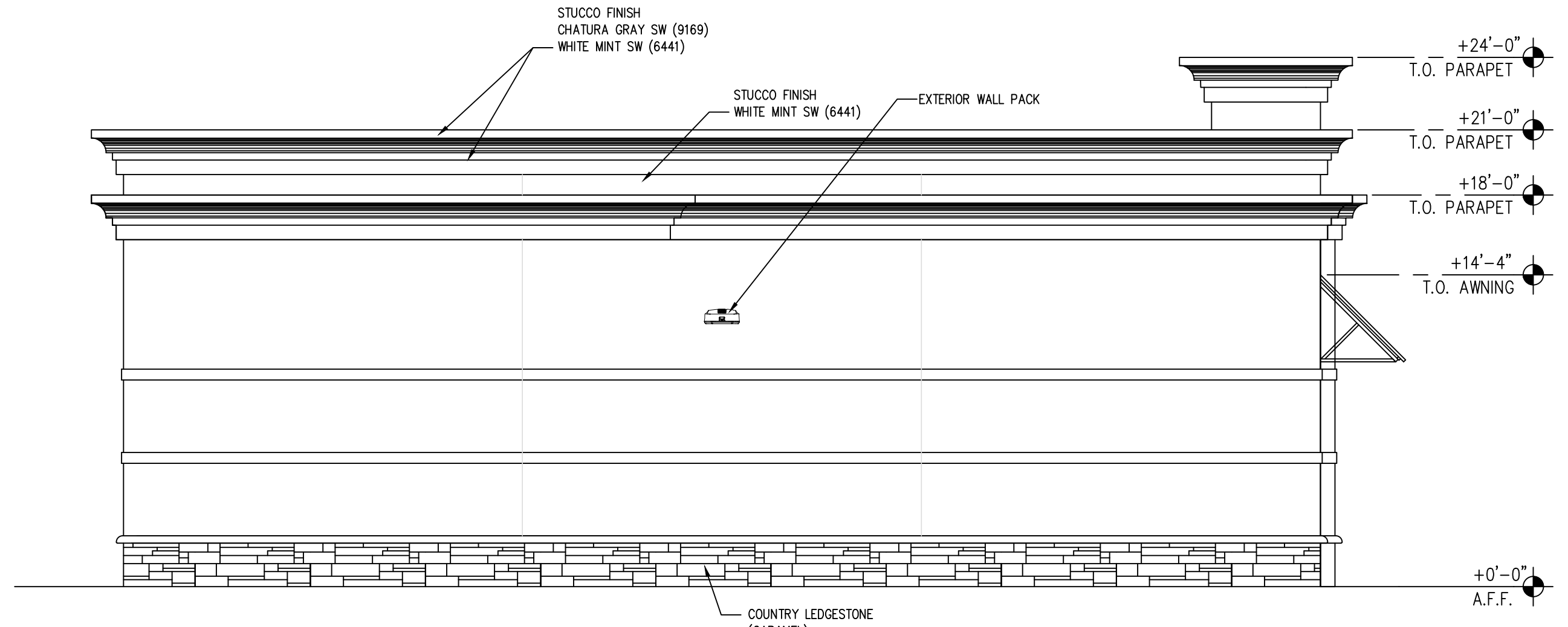
1 FRONT ELEVATION
SCALE: 3/16" = 1'-0"



2 REAR ELEVATION
SCALE: 3/16" = 1'-0"



3 SIDE ELEVATION
SCALE: 3/16" = 1'-0"



4 SIDE ELEVATION
SCALE: 3/16" = 1'-0"

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
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DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33855
Phone: (863) 646-9130
FL. CA. #4857

NO.	DATE	REVISION DESCRIPTION

MICHAEL ROBINSON
FLORIDA P.E. REG # 28500

6,625 SQ. FT. BUILDING

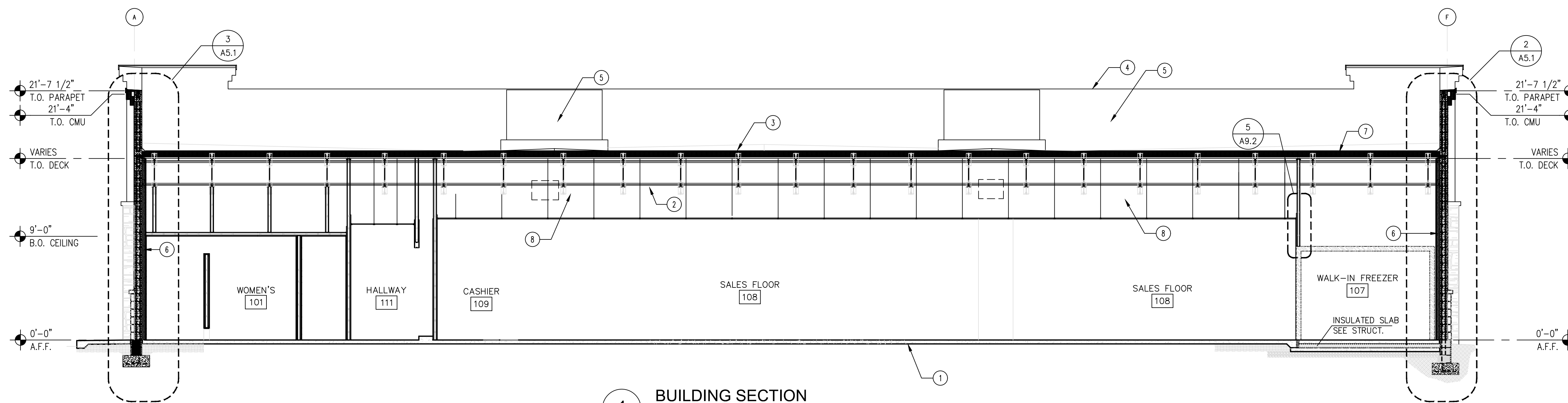
SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVIS HIGHWAY
PENSACOLA, FLORIDA 32514

SCALE: AS NOTED	MDM JOB # 18012
DATE: 03-16-2021	
DESIGNED BY: PH	
DRAWN BY: PH	FILE NAME: 1318012.dwg
CHECKED BY: PH	A2.1.DWG

DRAWING TITLE:
EXTERIOR ELEVATIONS

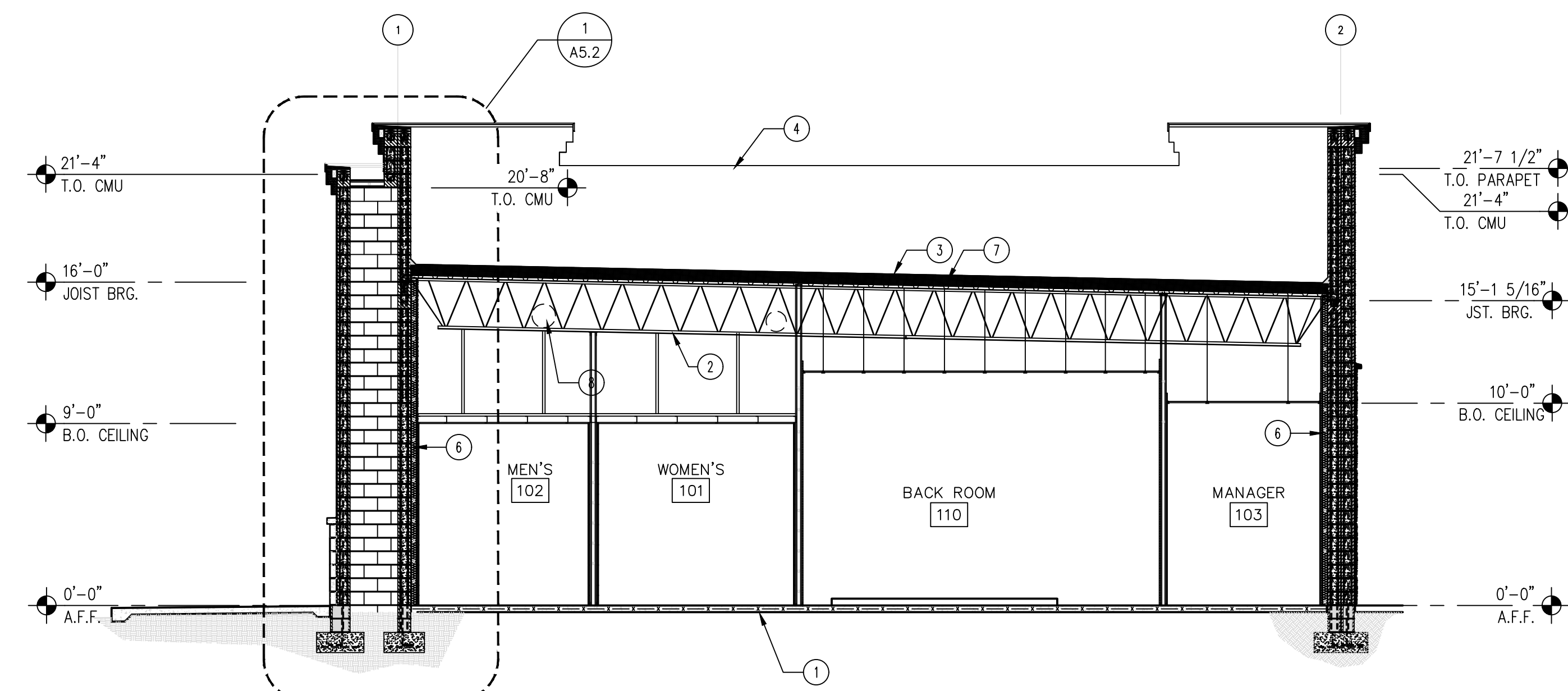
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ISSUED FOR BID 03/08/2024

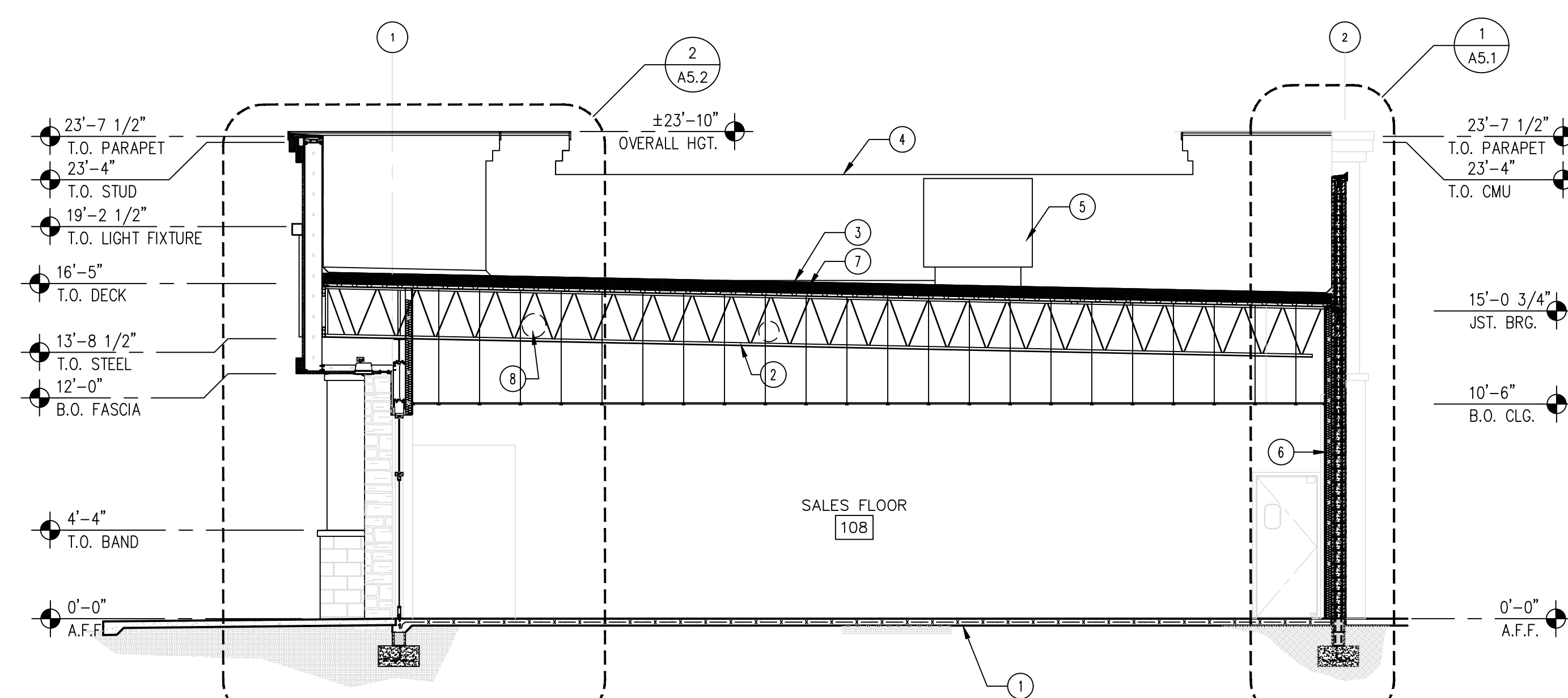


1 BUILDING SECTION
SCALE: 3/16" = 1'-0"

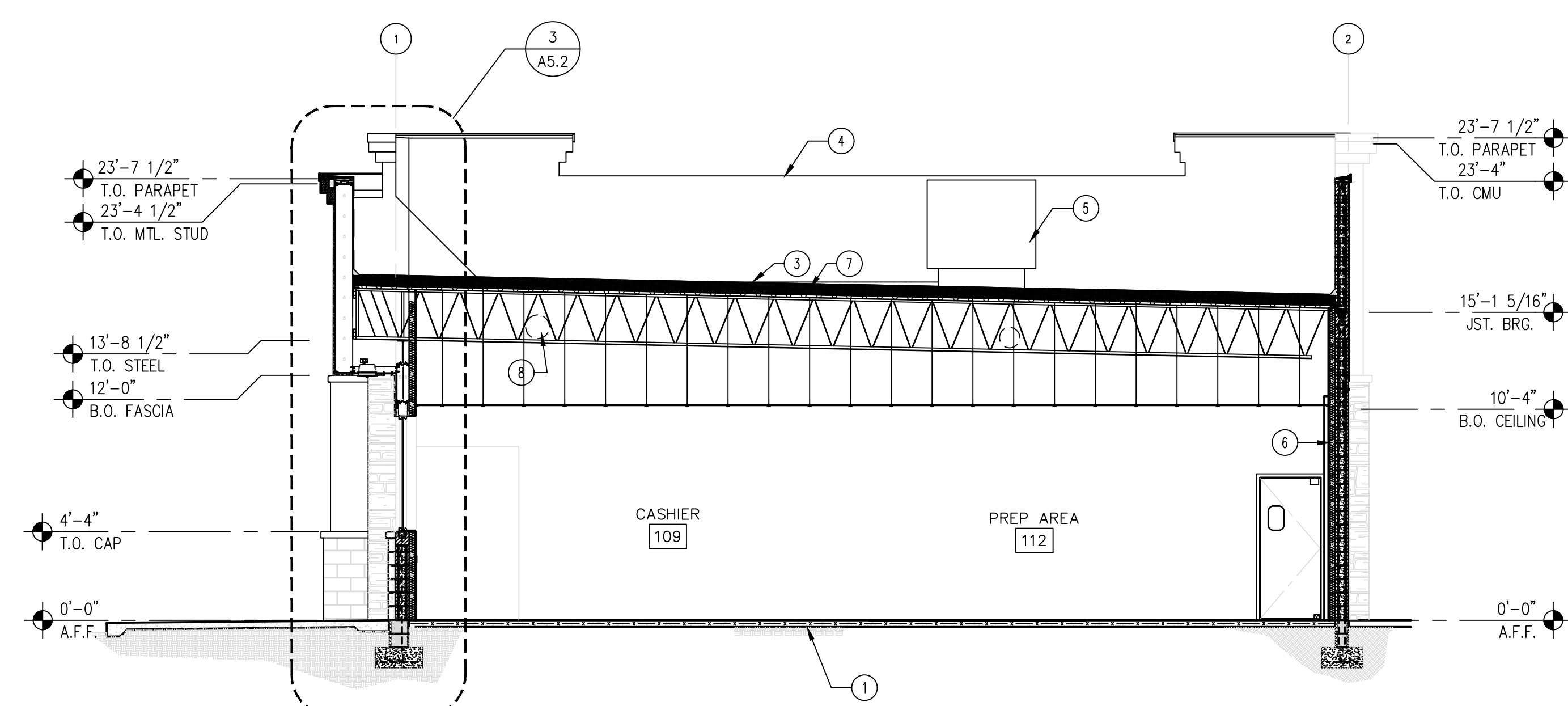
- KEY NOTES (X)**
1. CONCRETE SLAB, SEE STRUCTURAL FOR REINFORCING.
 2. ROOF JOIST, SEE STRUCTURAL DRAWINGS FOR SPECIFIC INFORMATION.
 3. ROOFING SYSTEM RIGID INSULATION, WALKWAYS AS REQUIRED BY ROOFING MANUFACTURER. ROOF SYSTEM TO BE FLOOD TESTED AFTER INSTALLATION TO ENSURE NO LEAKS.
 4. PARAPET BEYOND
 5. ROOF TOP HVAC UNIT, SEE MECHANICAL DRAWINGS.
 6. R-11 BATT INSULATION
 7. R-38 RIGID INSULATION
 8. ALL DUCT WORK TO GO BETWEEN/THROUGH JOIST - SEE MECH.



2 BUILDING SECTION
SCALE: 3/16" = 1'-0"



3 BUILDING SECTION
SCALE: 3/16" = 1'-0"



4 BUILDING SECTION
SCALE: 3/16" = 1'-0"

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
757 Beal Parkway NW
Fort Walton Beach, FL 32547
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33855
Phone: (863) 846-9133
FL, CA, #4857

NO.	DATE	REVISION DESCRIPTION

MICHAEL ROBINSON
FLORIDA P.E. REG # 28512
6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVIS HIGHWAY
PENSACOLA, FLORIDA 32514

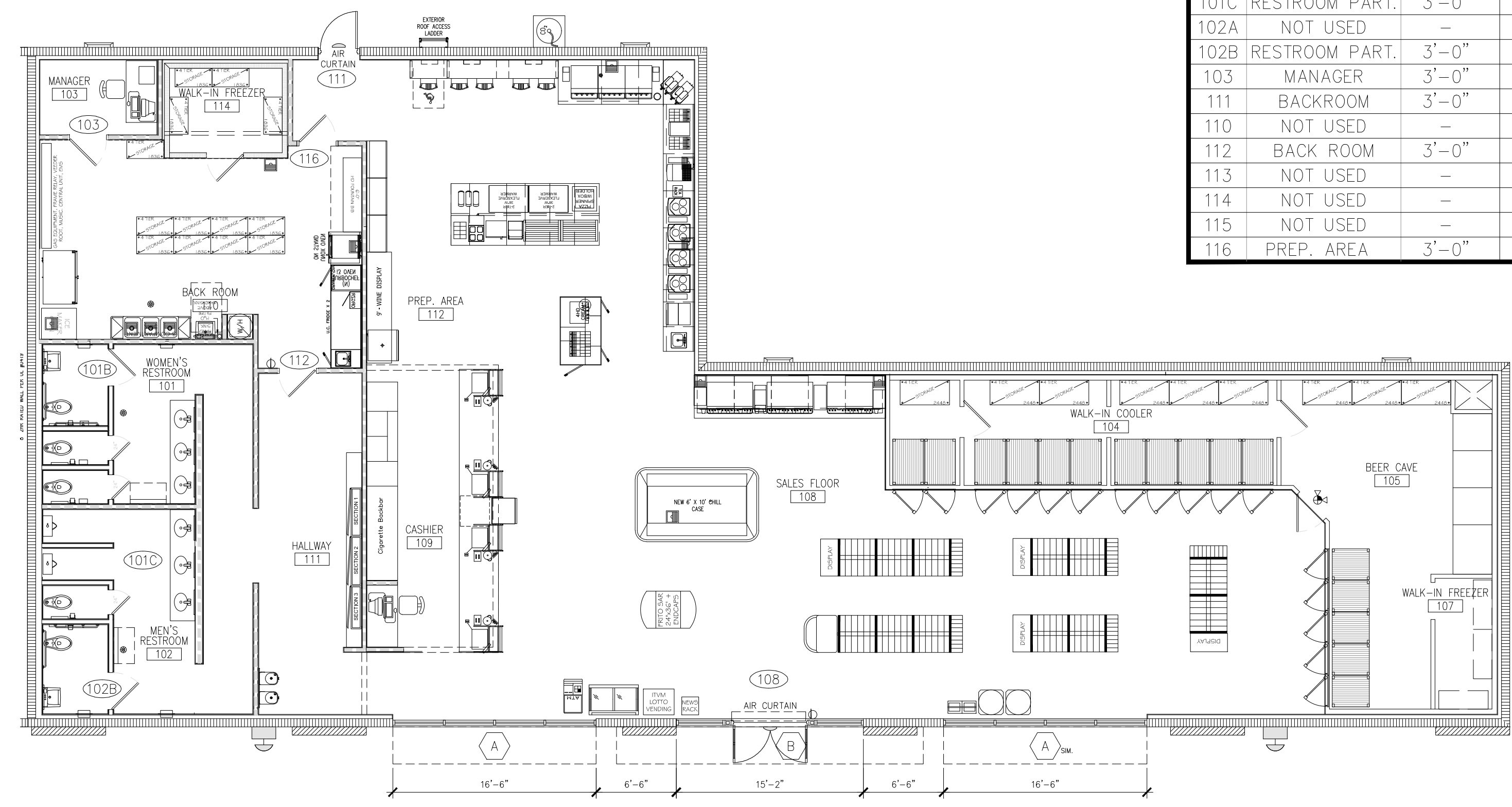
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DATE: 03-16-2021	
DESIGNED BY: PH	
DRAWN BY: PH	FILE NAME: 1718012_031621_A4.0.DWG
CHECKED BY: PH	

DRAWING TITLE:
BUILDING SECTIONS

SHEET NO.:
A4.0

ISSUED FOR BID 03/08/2024

DOOR / WINDOWS / ROOM KEY PLAN



MARK	ROOM NO.	DOOR			TYPE	MATERIAL	FINISH	FRAME		TYPE	HDW. SET NO.	DETAILS			REMARKS	
		WIDTH	SIZE HEIGHT	THKN.				MATERIAL	FINISH			HEAD	JAMB	SILL		
108	DBL. STOREFRONT	PR. 3'-0"	7'-0"	-	1	ALUM./GLASS	PRE-FIN.	ALUM.	CLEAR	-	1	4/A8.2	6/A8.2	4/A8.2	3/A8.2	OUTSWING W/ AIR CURTAIN
101A	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101B	RESTROOM PART.	2'-0"	5'-0"	-	6	H.M.	PAINT	H.M.	PAINT	C	5	-	1/A9.2	-	-	-
101C	RESTROOM PART.	3'-0"	5'-0"	-	6	H.M.	PAINT	H.M.	PAINT	C	5	-	1/A9.2	-	-	-
102A	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
102B	RESTROOM PART.	3'-0"	5'-0"	-	6	H.M.	PAINT	H.M.	PAINT	C	5	-	1/A9.2	-	-	-
103	MANAGER	3'-0"	7'-0"	-	5	H.M.	PAINT	H.M.	PAINT	B	6	1/A9.2	1/A9.2	4/A9.2	-	-
111	BACKROOM	3'-0"	7'-0"	-	3	INSUL./MTL	PAINT	MTL.	PAINT	A	3	2/A8.2	2/A8.2	1/A8.2	OUTSWING SWING, W/ AIR CURTAIN	
110	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112	BACK ROOM	3'-0"	7'-0"	-	4	W.D.	FACT.	H.M.	PAINT	B	2	1/A9.2	1/A9.2	4/A9.2	RHINO DOOR SPECTRIM-912 AMBER FINISH	
113	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
114	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	PREP. AREA	3'-0"	7'-0"	-	7	H.M.	FACT./BLK	H.M.	PAINT	B	7	-	-	-	-	ELIASON EASY SWING HARDWARE

HARDWARE SCHEDULE

- SET No. 1**
 2 - CONTINUOUS GEARED HINGE
 2 - 1" DIA. PUSH BAR & PULL HANDLE SET
 2 - CYLINDER 985 x 989 FALCON
 1 - PLASTIC SIGN: "THESE DOORS TO REMAIN UNLOCKED DURING BUSINESS HOURS. BALANCE OF HARDWARE BY STORE FRONT SUPPLIER."
 - OUT SWING
- SET No. 2**
 3 - HINGES BY PRE-HUNG DOOR SUPPLIER.
 1 - FALCON B581 KEYED LOCKSET OR SIMILAR DEADLOCKING LATCH BOLT (OUTSIDE LEVER IS RIGID & INSIDE LEVER IS ALWAYS FREE)
 1 - WALL STOP 4275 BALDWIN
 1 - 12" KICKPLATE
 1 - PUSH PLATE HAGER MODEL # 190S (24")
 1 - CLOSER P1208-SBL/SNB
 1 - 16 GA WELDED HOLLOW METAL FRAME PROVIDE JAMB REINFORCEMENT AT EACH HINGE
- SET No. 3 ***
 3 - HINGES 1279 4 1/2"x4 1/2" x NRP
 1 - ALARM PANIC, SAFEGARD 70 x 313 ALARM LOCK.
 1 - RIM CYLINDER 951 FALCON
 1 - LIMIT CHAIN 15F2C
 1 - THRESHOLD 170A PEMKO
 1 - DOOR SWEEP 307AV PEMKO
 1 - WEATHERSTRIP 292 DV PEMKO
 2 - PULL HANDLES PEMKO
 1 - CLOSER P1208-SBL/SNB
 1 - 12" KICKPLATE
 1 - 16 GA. HOLLOW METAL WELDED FRAME, GRIND EDGES SMOOTH. PROVIDE JAMB REINFORCEMENT AT EACH HINGE. HOLLOW METAL FRAME TO BE FILLED W/ GROUT
- * NOT ALLOWED ANY DEAD BOLTS, MUST BE READILY OPERABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

- SET No. 5**
 3 - HINGES BY PRE-HUNG DOOR SUPPLIER. (BRUSHED ALUM.)
 1 - PRIVACY LOCKSET W301
 1 - QUANTUM (FALCON) 626
 1 - PURSE HOOK
- SET No. 6**
 3 - HINGES BY PRE-HUNG DOOR SUPPLIER.
 1 - FALCON B511 KEYED LOCK SET OR SIMILAR DEADLOCKING LATCH BOLT W/ TURN/PUSH BUTTON LOCKING
 1 - WALL STOP 4275 BALDWIN
 1 - 12" KICKPLATE
 1 - CLOSER P1208-SBL/SNB
 1 - 16 GA WELDED HOLLOW METAL FRAME PROVIDE JAMB REINFORCEMENT AT EACH HINGE
- SET No. 7**
 ELIASON DOOR MODEL# PE-500 WITH ELIASON FLUSH HOLLOW METAL FRAME, IMPACT PLATES AND MOLDED SPRING BUMPERS. INSTALL PER MFR'S SPECIFICATION
 COLOR: BLACK
 CONTACT: (800) 828-3655
 WEBSITE: www.eliasoncorp.com

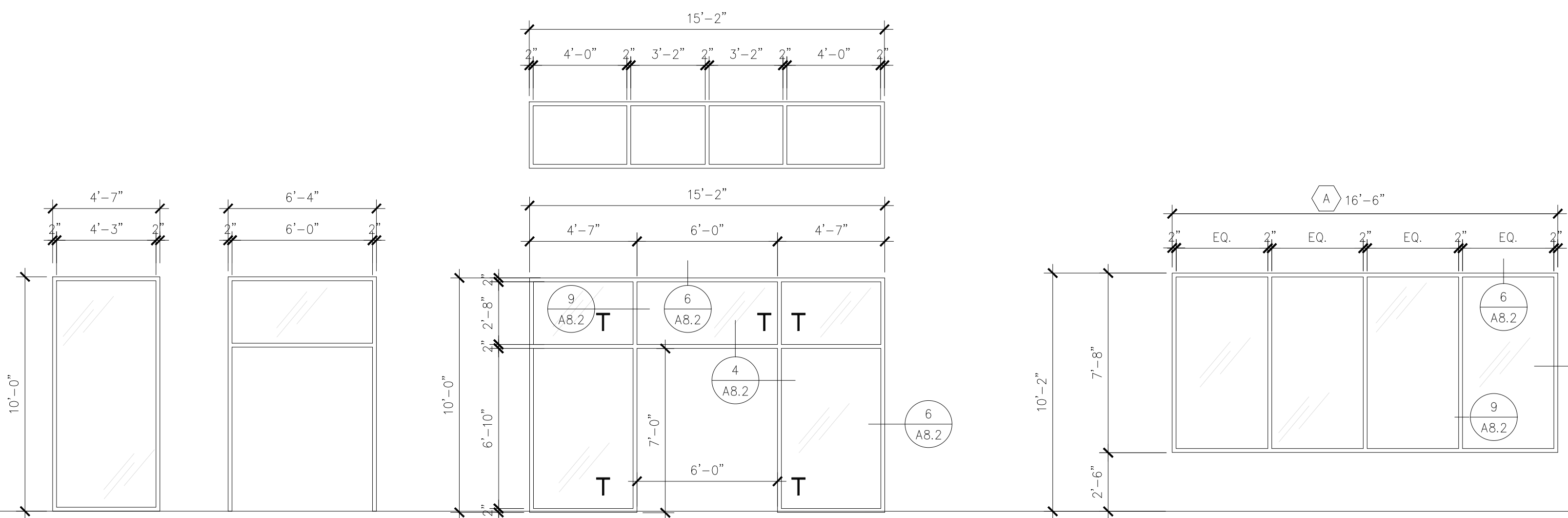
HARDWARE NOTES

- ALL EXITS TO BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
- MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS AND SURFACE BOLTS ARE PROHIBITED.
- ALL DOOR HARDWARE IS TO BE DISABLED ACCESSIBLE.
- ALL EXTERIOR DOORS SHALL HAVE AIR CURTAINS, FURNISHED AND INSTALLED BY GC. MARS LPV272-1UA-08 FOR MAIN ENTRANCE AND MARS LPV236-1UA-08 FOR SIDE & REAR DOORS AS OCCURS. GC SHALL ALSO PROVIDE ALL MOUNTING BRACKETS AND THREADED RODS REQUIRED FOR INSTALLATION

DOOR SIGNAGE NOTES:

- LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH TO HEIGHT RATIO BETWEEN 3:5 AND 1:1 AND STROKE WIDTH TO HEIGHT RATIO BETWEEN 1:5 AND 1:10.
- CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MINIMUM HEIGHT IS MEASURED USING AN UPPER CASE X. LOWER CASE CHARACTERS ARE PERMITTED (3" MIN.).
- LETTERS AND NUMERALS SHALL BE RAISED 1/32 IN. UPPER CASE, SANS SERIF OR SIMPLE TYPE AND SHALL BE ACCOMPANIED WITH GRADE 2 BRAILLE. RAISED CHARACTERS SHALL BE AT LEAST 5/8" (16mm) HIGH, BUT NO HIGHER THAN 2 IN. (50mm). PICTOGRAMS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTIONS PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE 6 IN. (152mm) MINIMUM IN HEIGHT.
- THE CHARACTERS AND BACKGROUND OF SIGNS SHALL BE EGGSHELL MATTIE OR OTHER NON GLARE FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
- WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 48" MINIMUM MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER OR 60" MAXIMUM MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3 IN (76mm) OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.

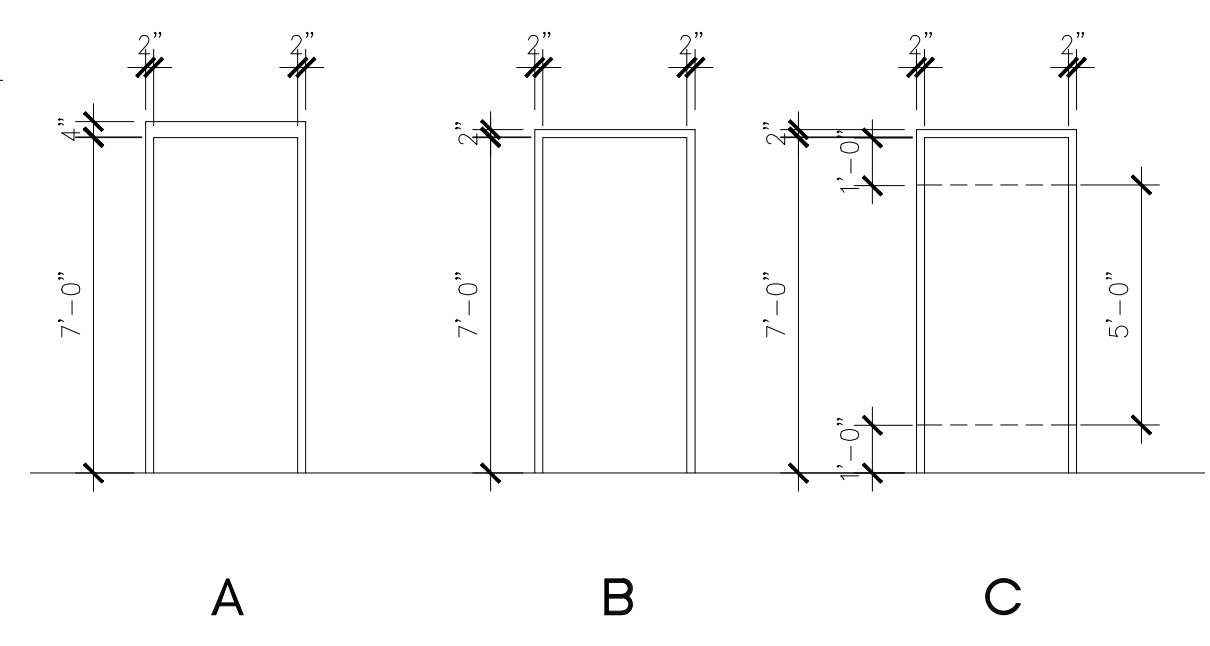
WINDOWS SCHEDULE



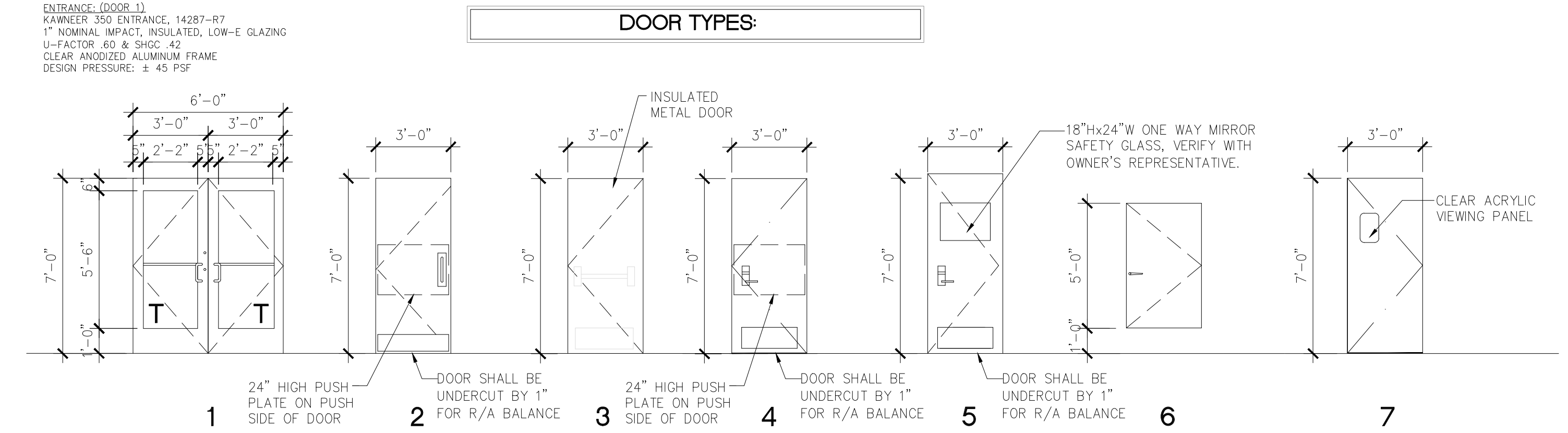
STOREFRONT

KAWNEER 451T STOREFRONT SYSTEM OR EQUAL. IN ALL WIND BORNE DEBRIS AREAS STOREFRONT GLAZING AND HARDWARE TO BE IMPACT RESISTANT AND MANUFACTURED ACCORDING TO STOREFRONT MANUFACTURER'S SPECIFICATIONS.

FRAME TYPES:



DOOR TYPES:



ACCESSIBILITY NOTES:

- ACCESS TO THESE FACILITIES SHALL BE PROVIDED AT PRIMARY ENTRANCES.
- PROVIDE A 60"x60" MIN. LANDING ON STRIKE SIDE OF DOOR W/ 44" MIN. WIDTH IN DIRECTION OF TRAVEL.
- EVERY REQUIRED EXIT DOORWAY SHALL BE SIZED FOR A DOOR NOT LESS THAN 3 FT. WIDE BY NOT LESS THAN 6'-8" HIGH CAPABLE OF OPENING 90°. SO THAT THE CLEAR WIDTH OF THE EXITWAY IS 32" MIN. THRESHOLD TO BE A MAX. 1/4" ABOVE ADJACENT FINISH FLOOR.
- MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS.
- THE BOTTOM 12" OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE.
- PROVIDE LEVER TYPE HARDWARE, PANIC BARS, PUSH - PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. (30" TO 44" A.F.F.)

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 757 Beal Parkway NW
 Fort Walton Beach, FL 32547
 Phone No. 775-848-1271

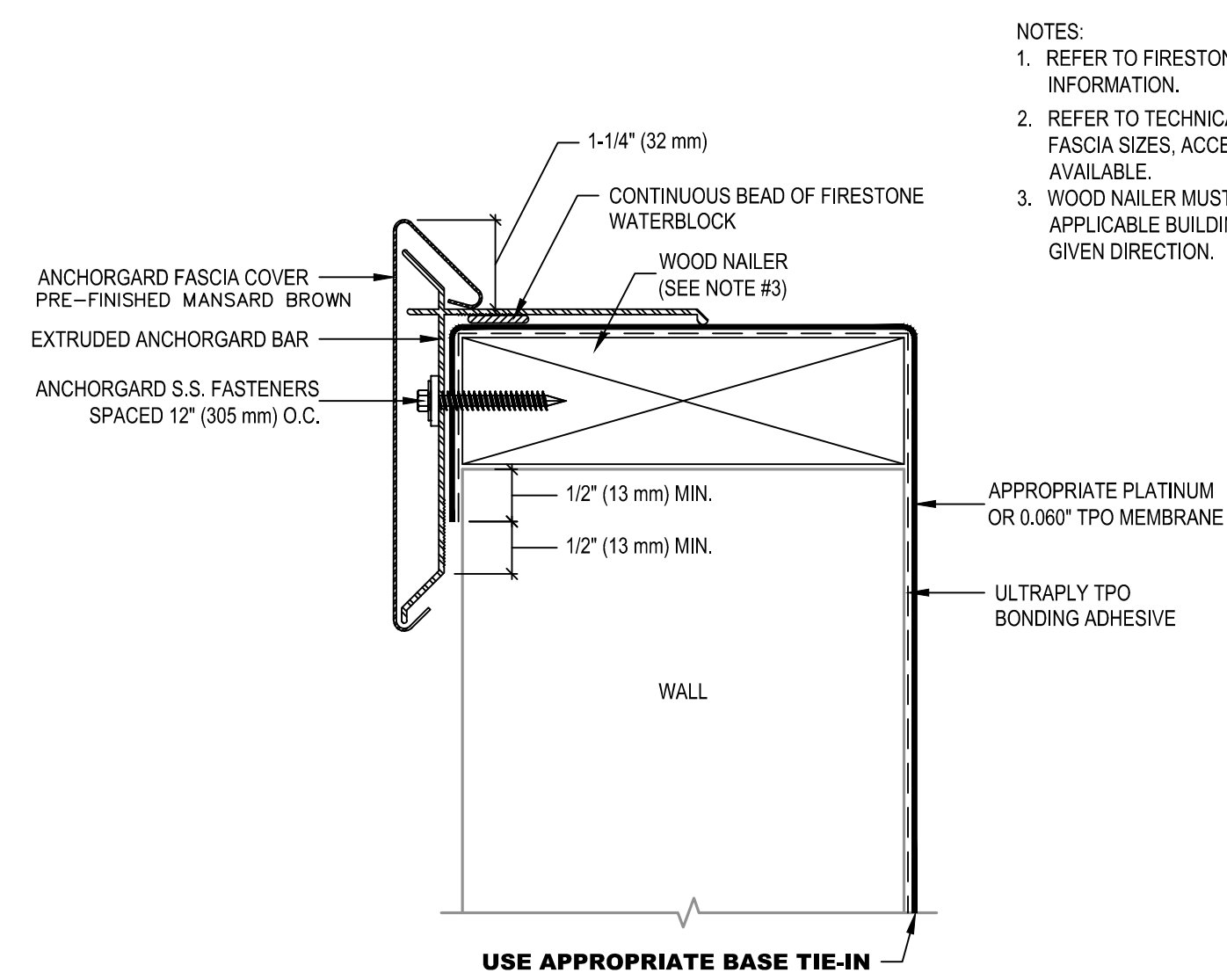
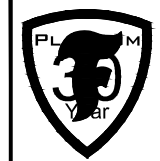
DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN ROAD, LAKELAND, FL 33853
 Phone: (863) 646-9130
 FL. CA. #4857

MICHAEL ROBINSON
 FLORIDA P.E. REG # 28345
6,625 SQ. FT. BUILDING

NEW CONVENIENCE STORE
 7822 NORTH DAVIS HIGHWAY
 PENSACOLA, FLORIDA 32514

SCALE: AS NOTED MDM JOB # 18012
 DATE: 03-16-2021
 DESIGNED BY: PH
 DRAWN BY: PH
 CHECKED BY: PH
 DRAWING TITLE: **ROOM KEY PLAN, DOOR / WINDOW SCHEDULE & HARDWARE, AND NOTES**
 SHEET NO.: **A6.0**

ISSUED FOR BID 03/08/2024



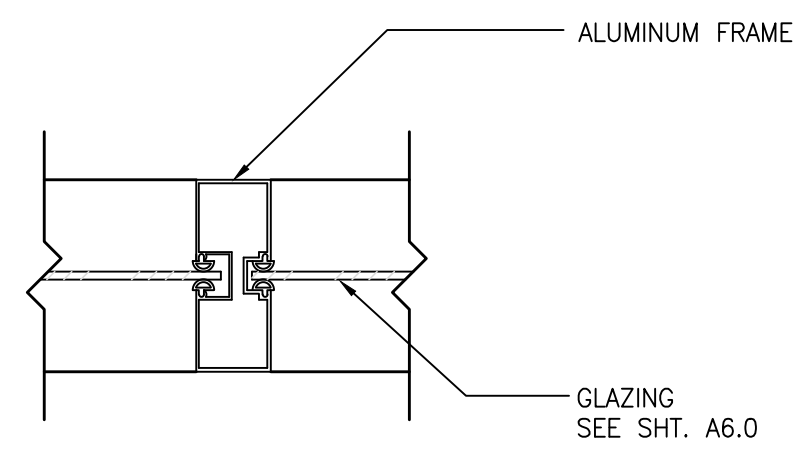
- NOTES:
- REFER TO FIRESTONE WEBSITE FOR MOST CURRENT INFORMATION.
 - REFER TO TECHNICAL INFORMATION SHEETS FOR FASCIA SIZES, ACCESSORIES, AND FINISHES AVAILABLE.
 - WOOD NAILER MUST BE INSTALLED TO MEET APPLICABLE BUILDING CODES OR 200 LBS IN ANY GIVEN DIRECTION.

MAXIMUM WARRANTY: 30 YEARS
 ISSUE/REVISION DATE: 1/15/2015
 DETAIL NO. PUT-T-13
 ACCEPTABLE SYSTEMS: ALL
 NOT TO SCALE

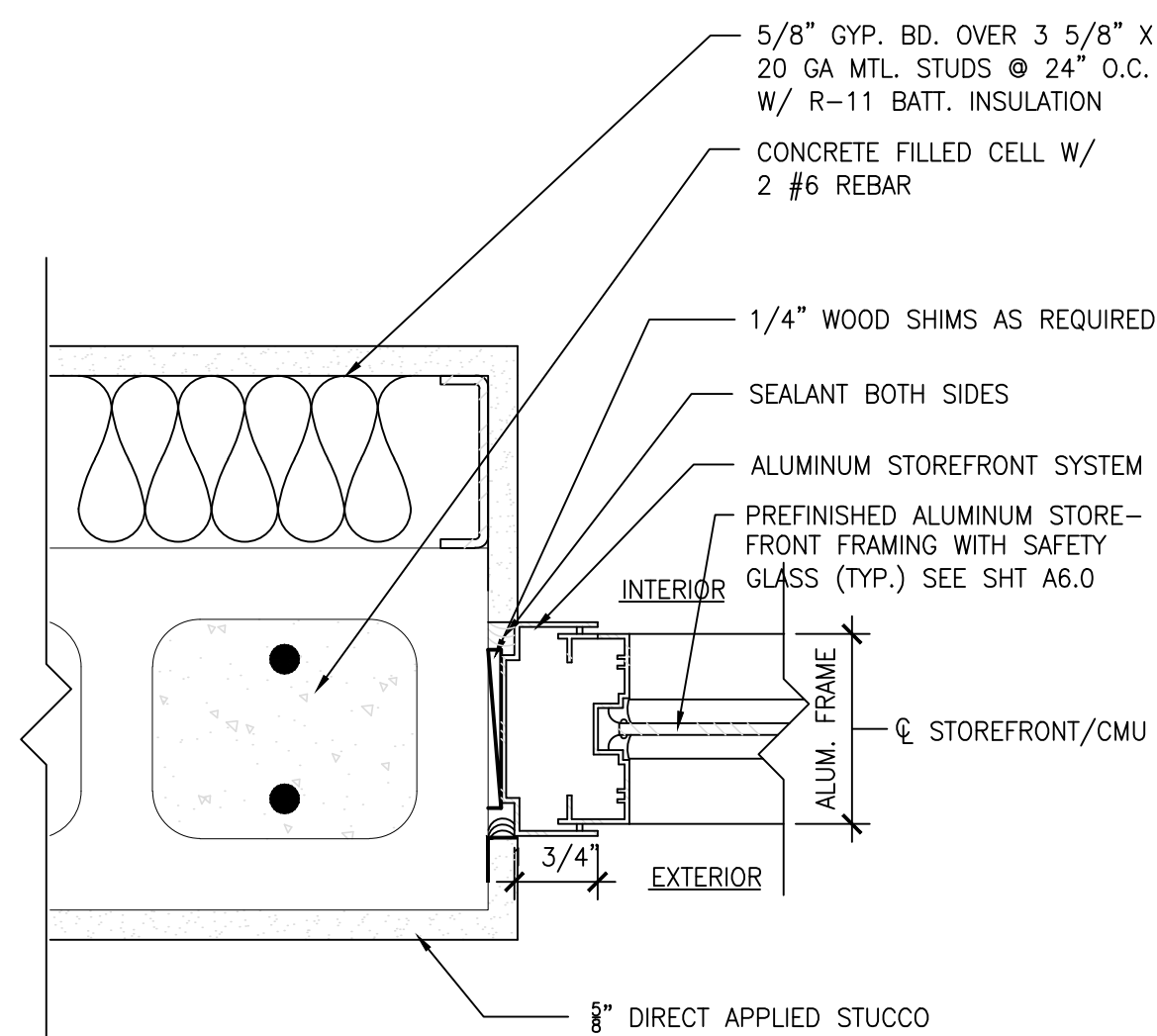
Firestone
 BUILDING PRODUCTS
 NOBODY COVERS YOU BETTER.
 www.firestonebpc.com

ALTERNATE TERMINATION AT TOP OF WALL WITH
FIRESTONE ANCHORGARD PLATINUM
 PLATINUM
 ULTRAPLY™ TPO

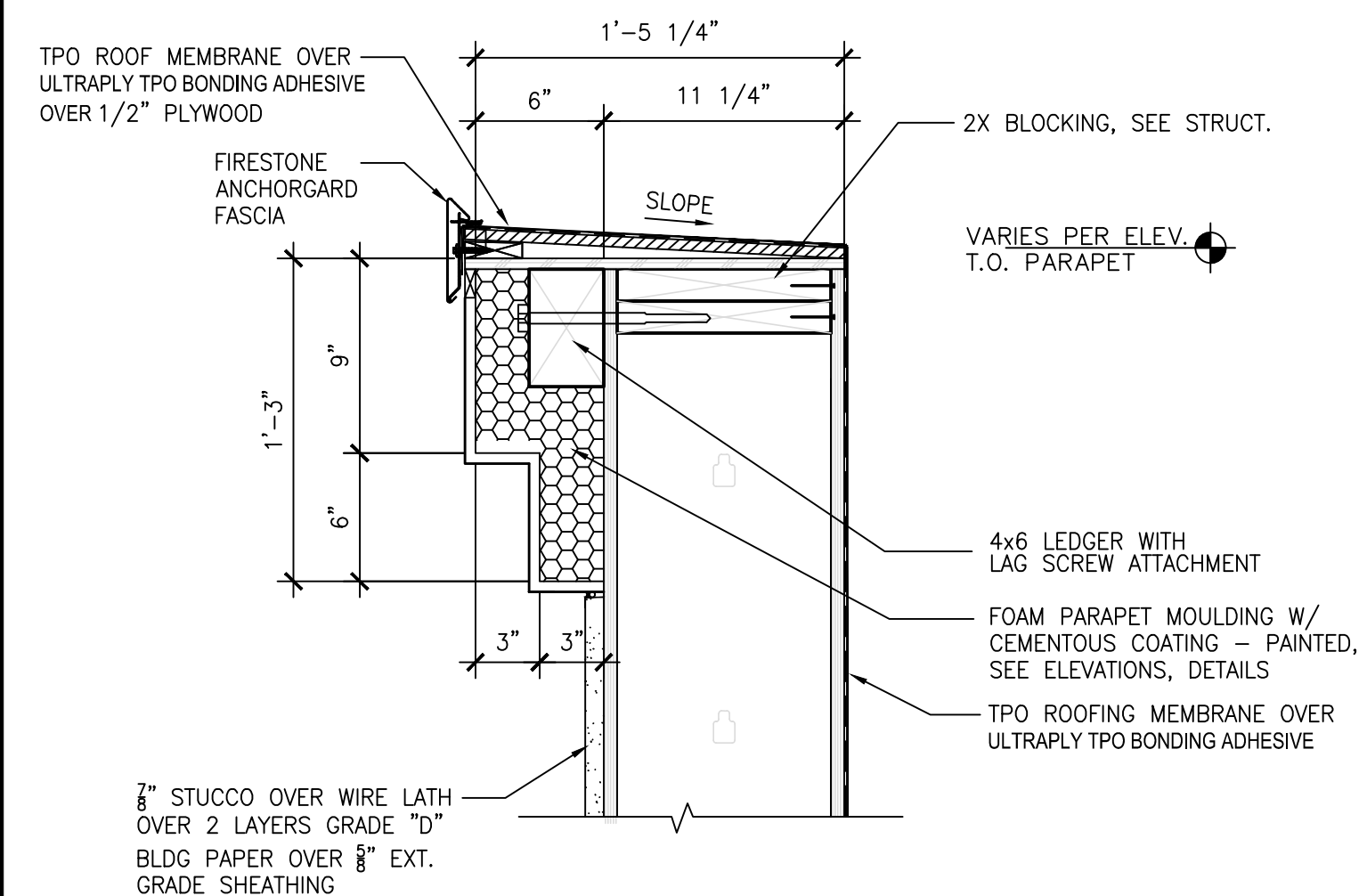
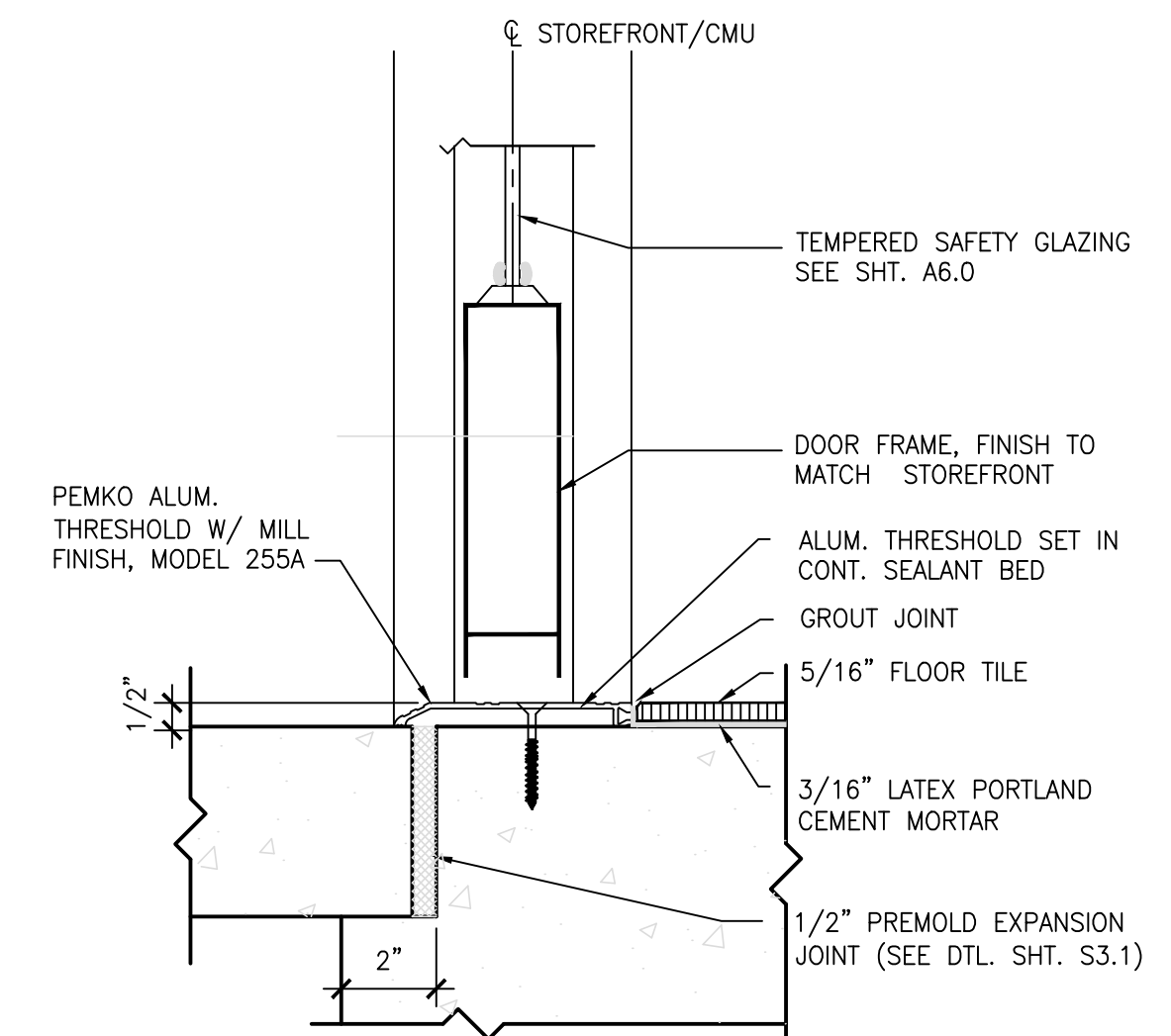
9 INTERMEDIATE MULLION
 3"=1'-0"



6 ALUMINUM WINDOW JAMB (HEAD SIM.)
 3"=1'-0"

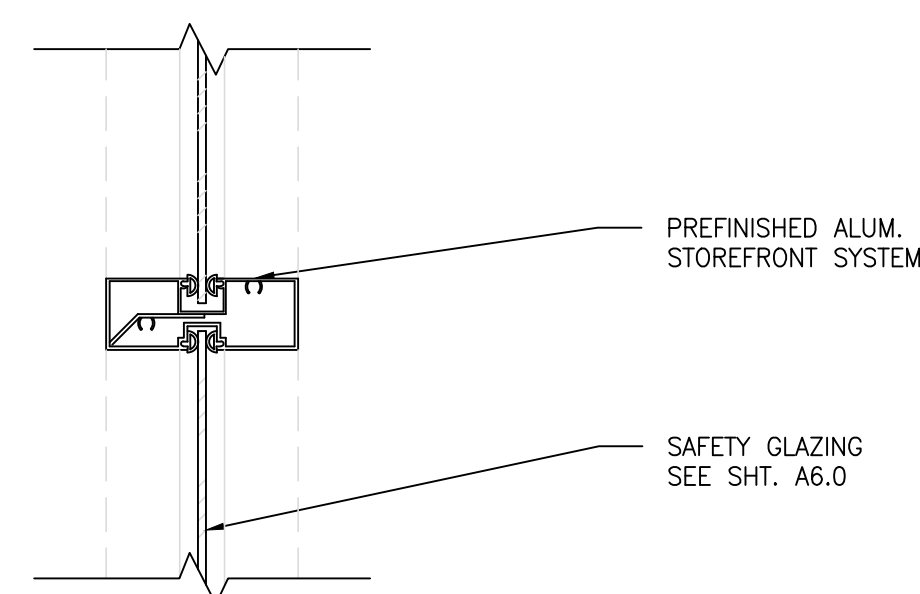


3 THRESHOLD AT STOREFRONT DOOR
 3"=1'-0"

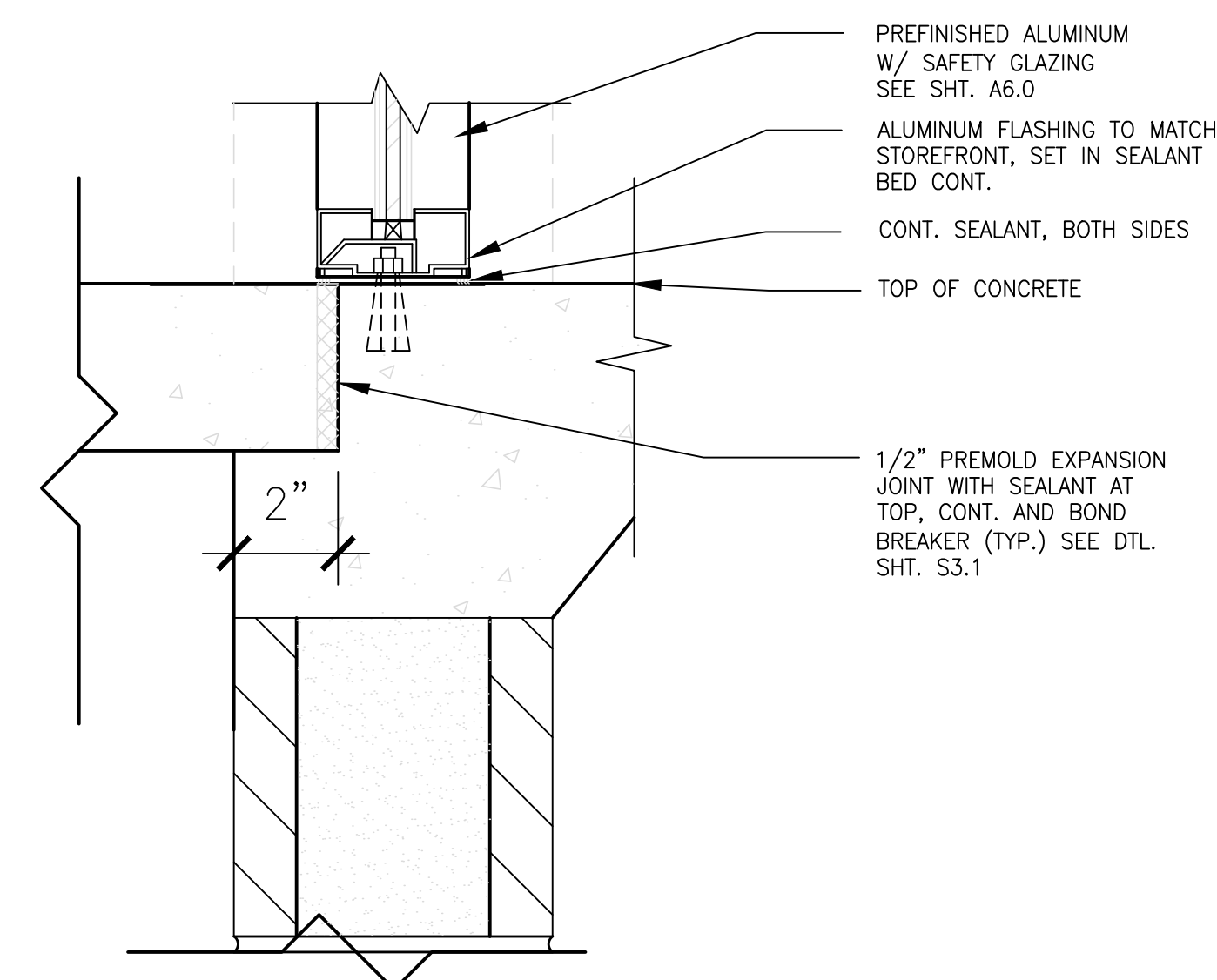


11 FOAM PARAPET
 1 1/2" = 1'-0"

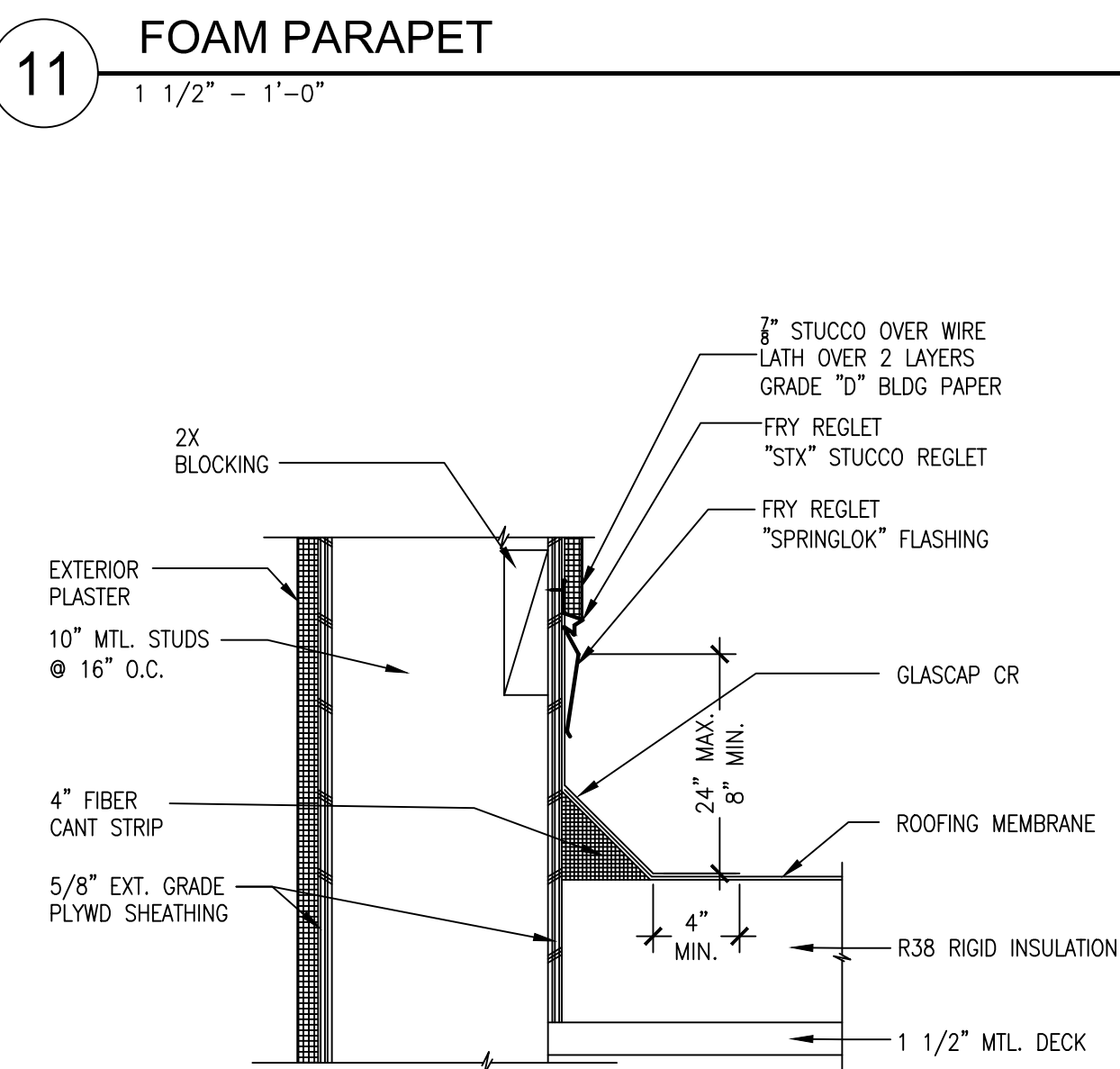
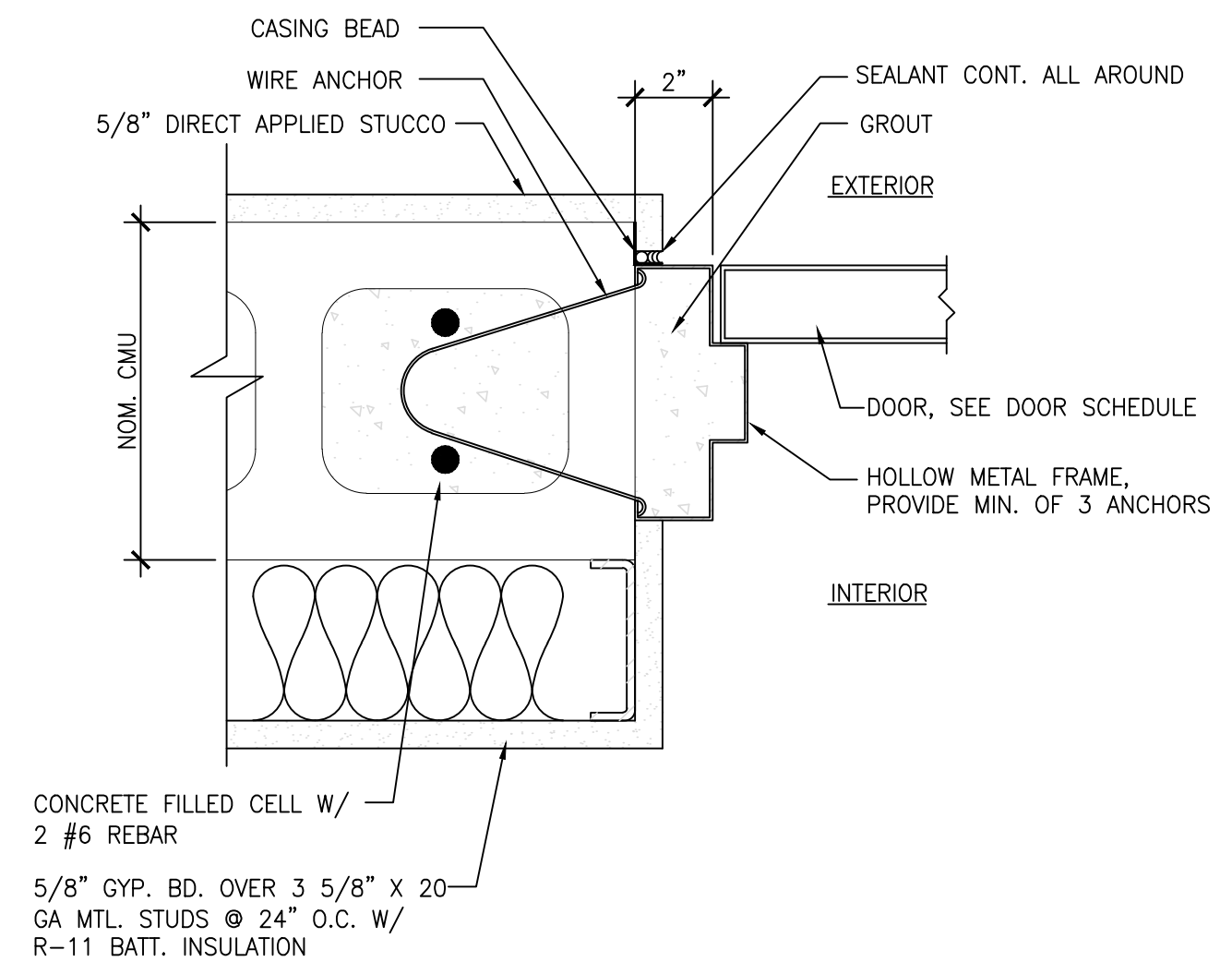
8 HORIZONTAL MULLION
 3"=1'-0"



5 STOREFRONT WINDOW SILL AT SLAB
 3"=1'-0"

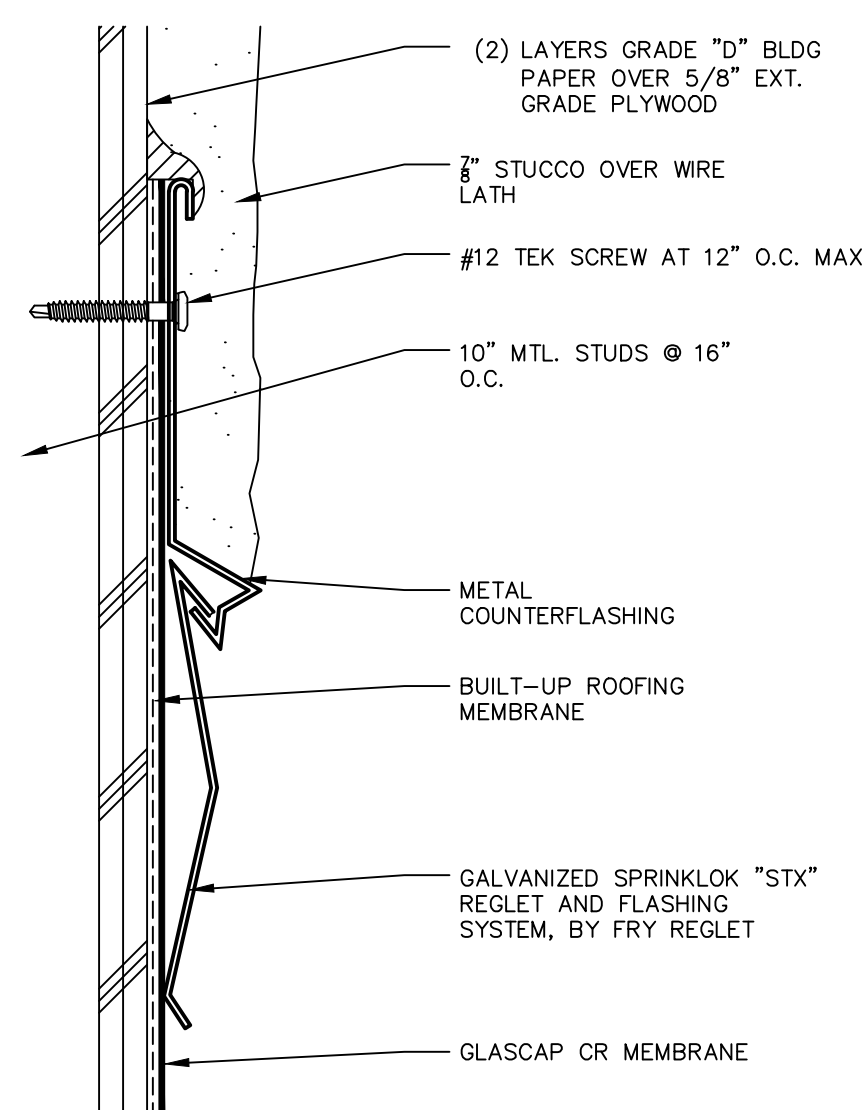


2 JAMB AT H.M. DOOR (HEAD SIM.)
 3"=1'-0"

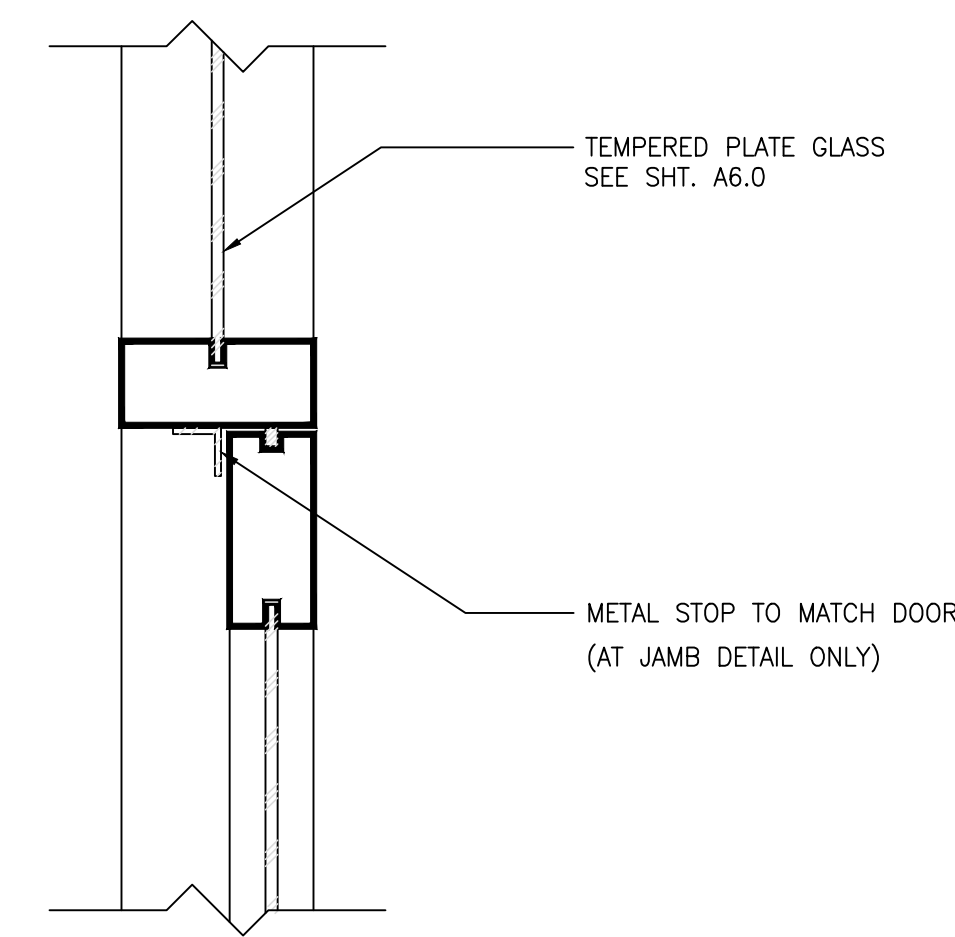


10 CANT STRIP DETAIL
 1 1/2"=1'-0"

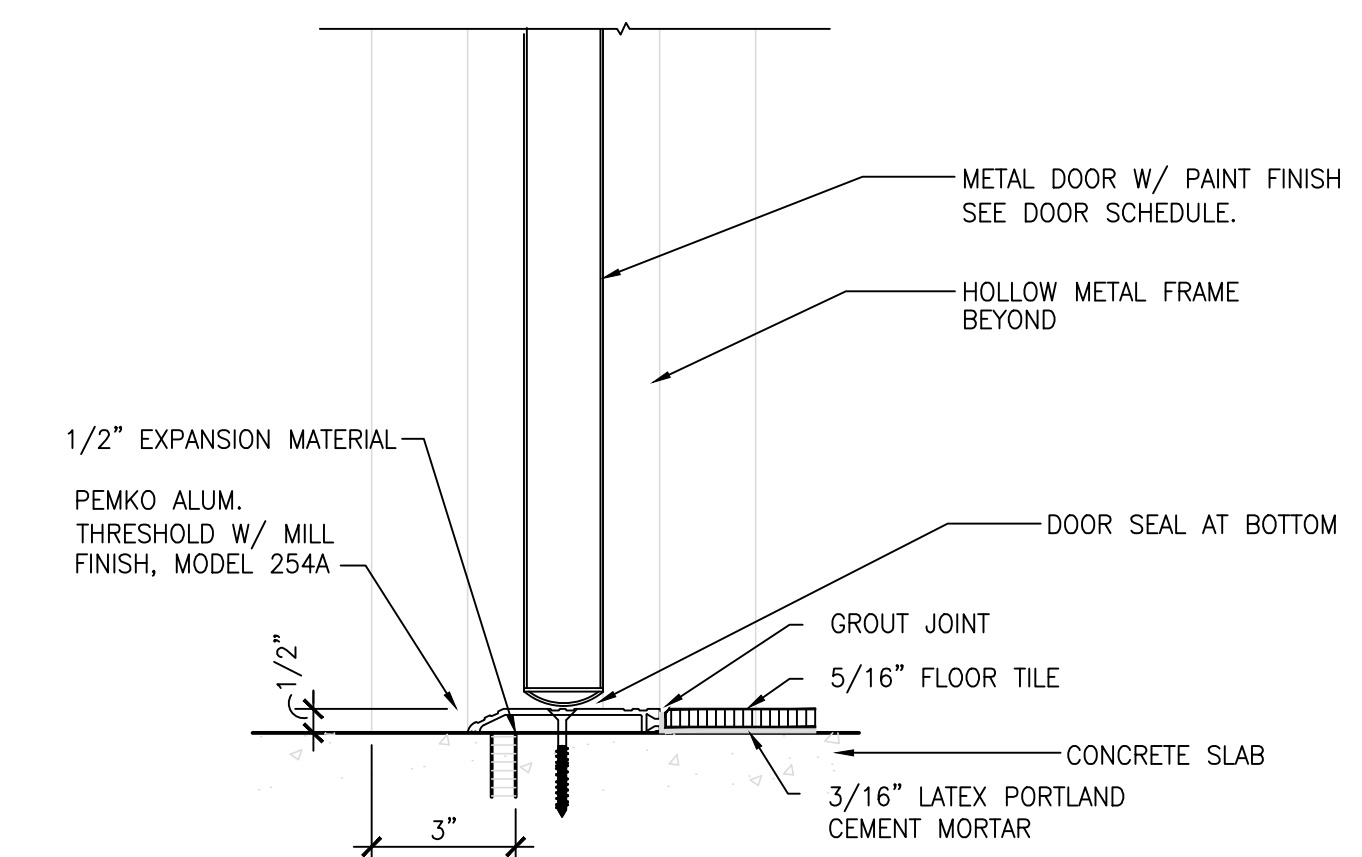
7 SINGLE-PLY ROOFING AT STUCCO
 6"=1'-0"



4 HEAD AT STOREFRONT (JAMB SIM.)
 3"=1'-0"



1 THRESHOLD AT EXTERIOR DOOR
 3"=1'-0"



CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 757 Beal Parkway NW
 Fort Walton Beach, FL 32547
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN ROAD, LAKELAND, FL 33853
 Phone: (863) 646-9130
 FL, CA, #4857

NO.	DATE	REVISION	DESCRIPTION

MICHAEL ROBINSON
 FLORIDA P.E. REG # 28100

6,625 SQ. FT.
BUILDING

SITE DESIGNATIONS:

NEW CONVENIENCE STORE

**7822 NORTH DAVIS HIGHWAY
 PENSACOLA, FLORIDA 32514**

SCALE: AS NOTED MDM JOB # 18012

DATE: 03-16-2021

DESIGNED BY: PH

DRAWN BY: PH FILE NAME: 22-18012-01-01

CHECKED BY: PH FILE NAME: 22-18012-01-01

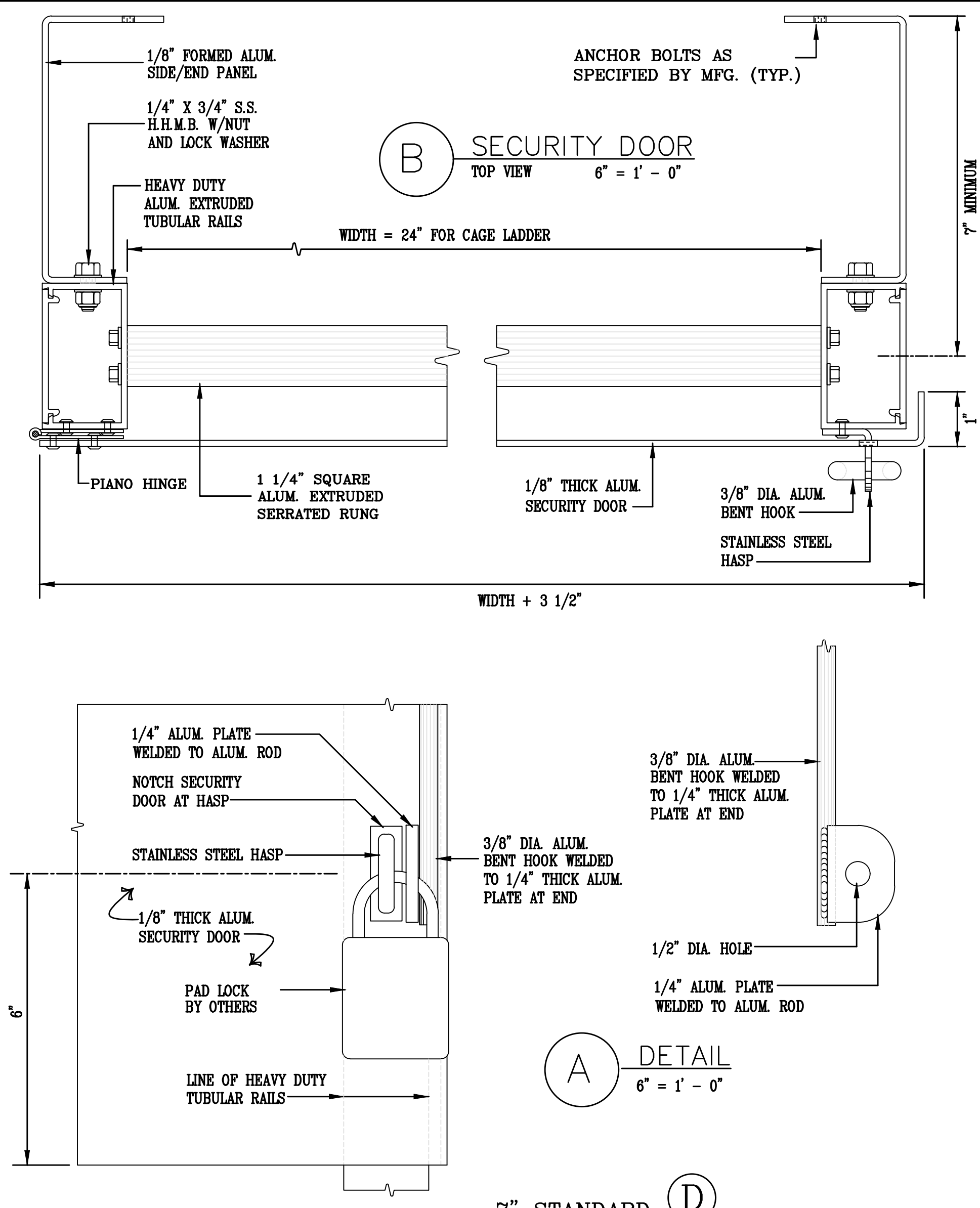
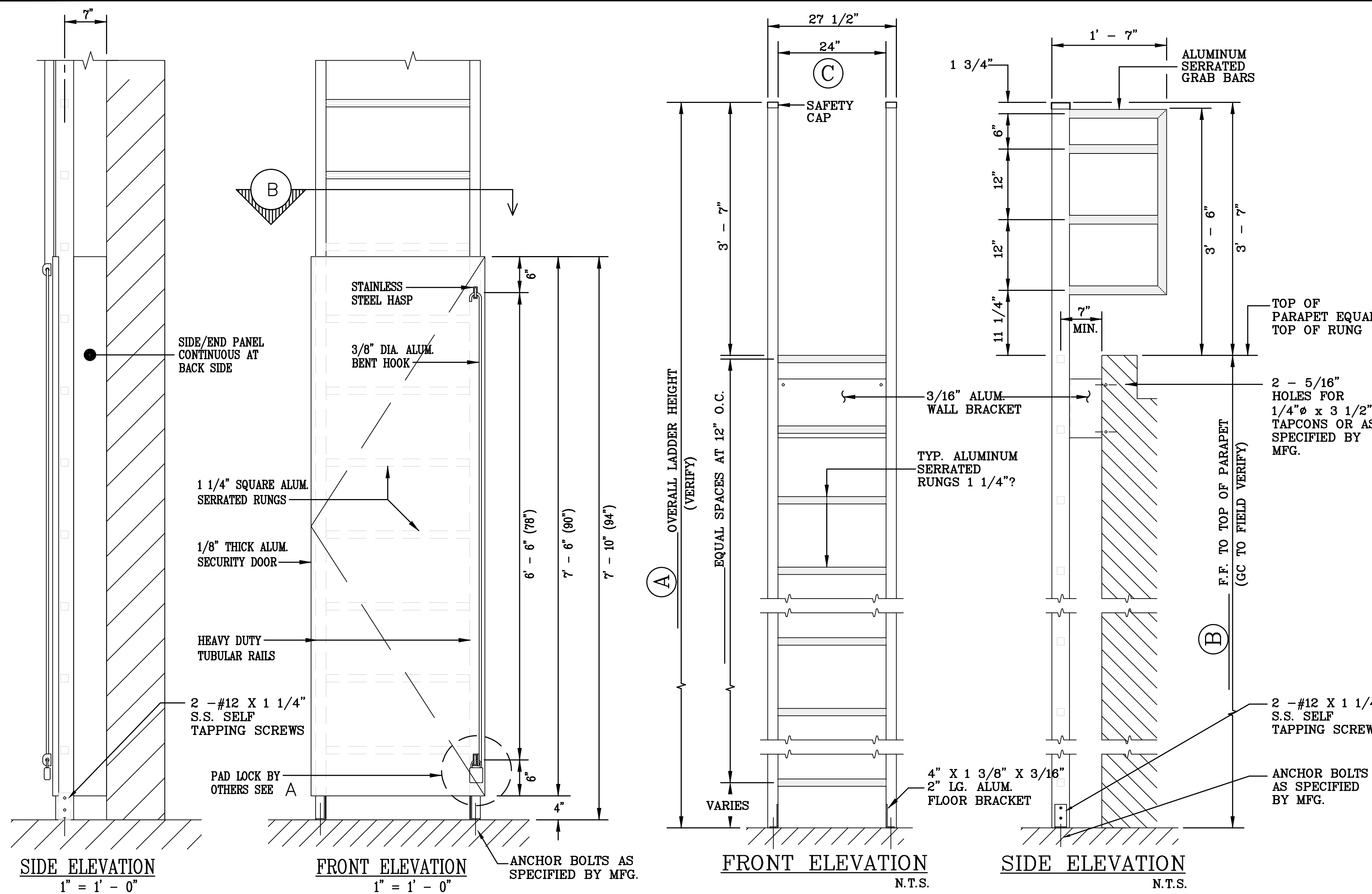
DRAWING TITLE:

EXTERIOR ARCHITECTURAL DETAILS

SHEET NO.:

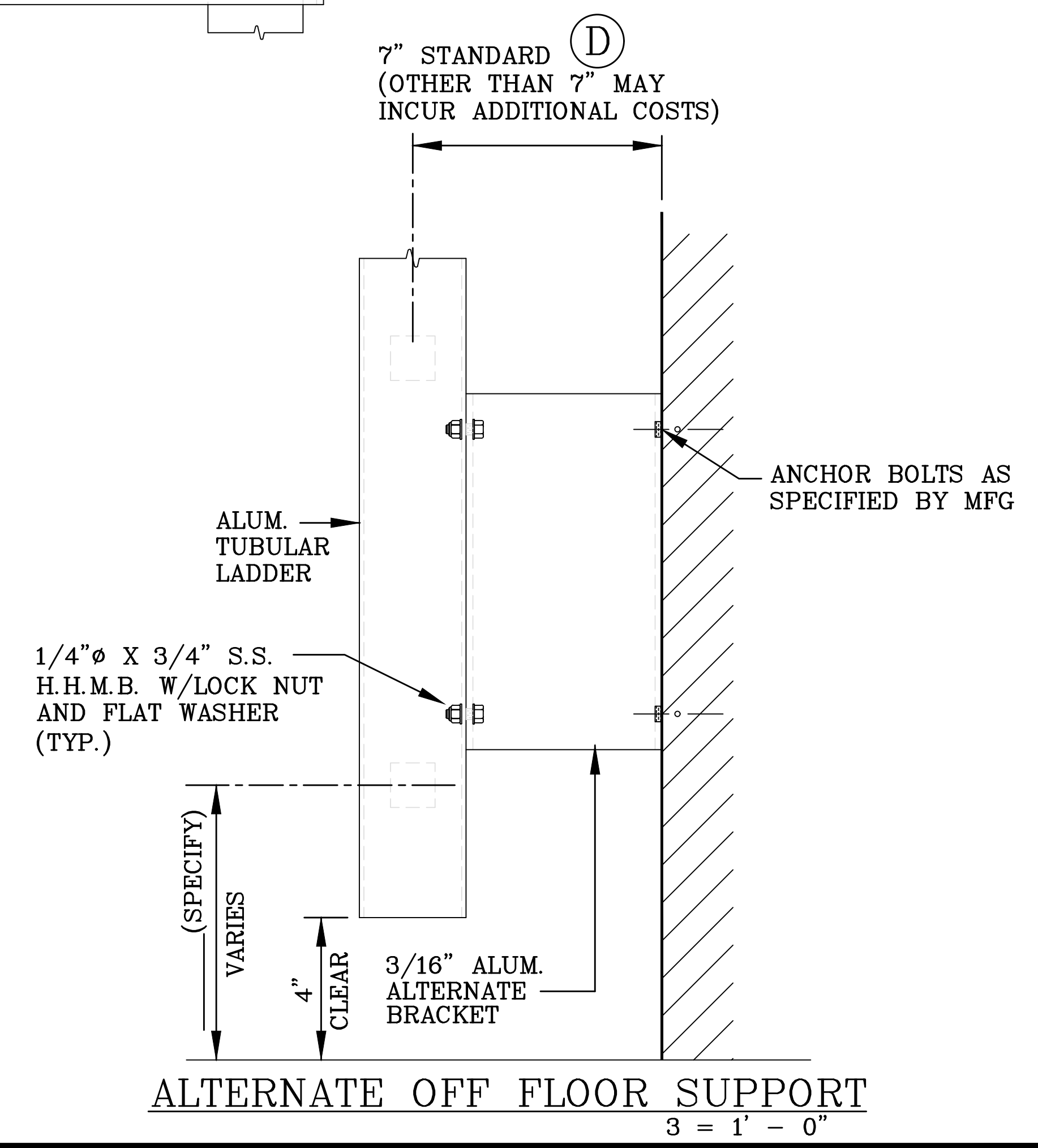
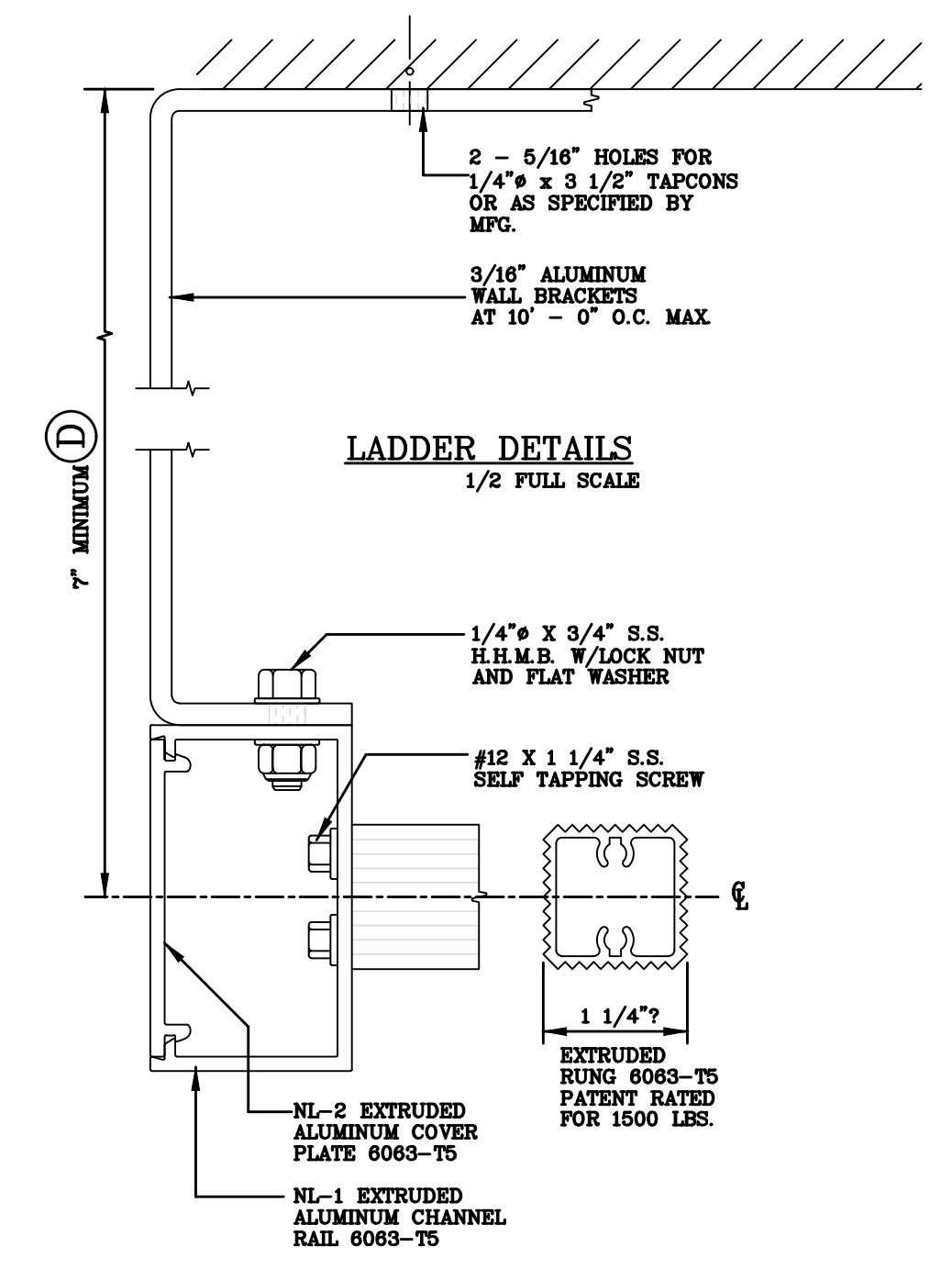
A8.2

ISSUED FOR BID 03/08/2024



NOTE:
ROOF ACCESS LADDER SHALL COMPLY W/ SECTION 1509.6 FBCB

CONTRACTOR TO VERIFY:	
(A) 20'-7"	OVERALL LADDER HEIGHT
(B) 17'-0"	F.F. TO TOP OF PARAPET
(C) 24"	LADDER WIDTH
(D) 7"	WALL TO C.L. OF LADDER



CLIENT:
ALT PENSACOLA INC.
Abu Mridha
757 Beal Parkway NW
Fort Walton Beach, FL 32547
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN ROAD, LAKELAND, FL 33805
Phone: (863) 645-9133
FL, CA, #4857

NO.	DATE	REVISION DESCRIPTION

MICHAEL ROBINSO
FLORIDA P.E. REG # 26

6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVIS HIGHWAY
PENSACOLA, FLORIDA 32514

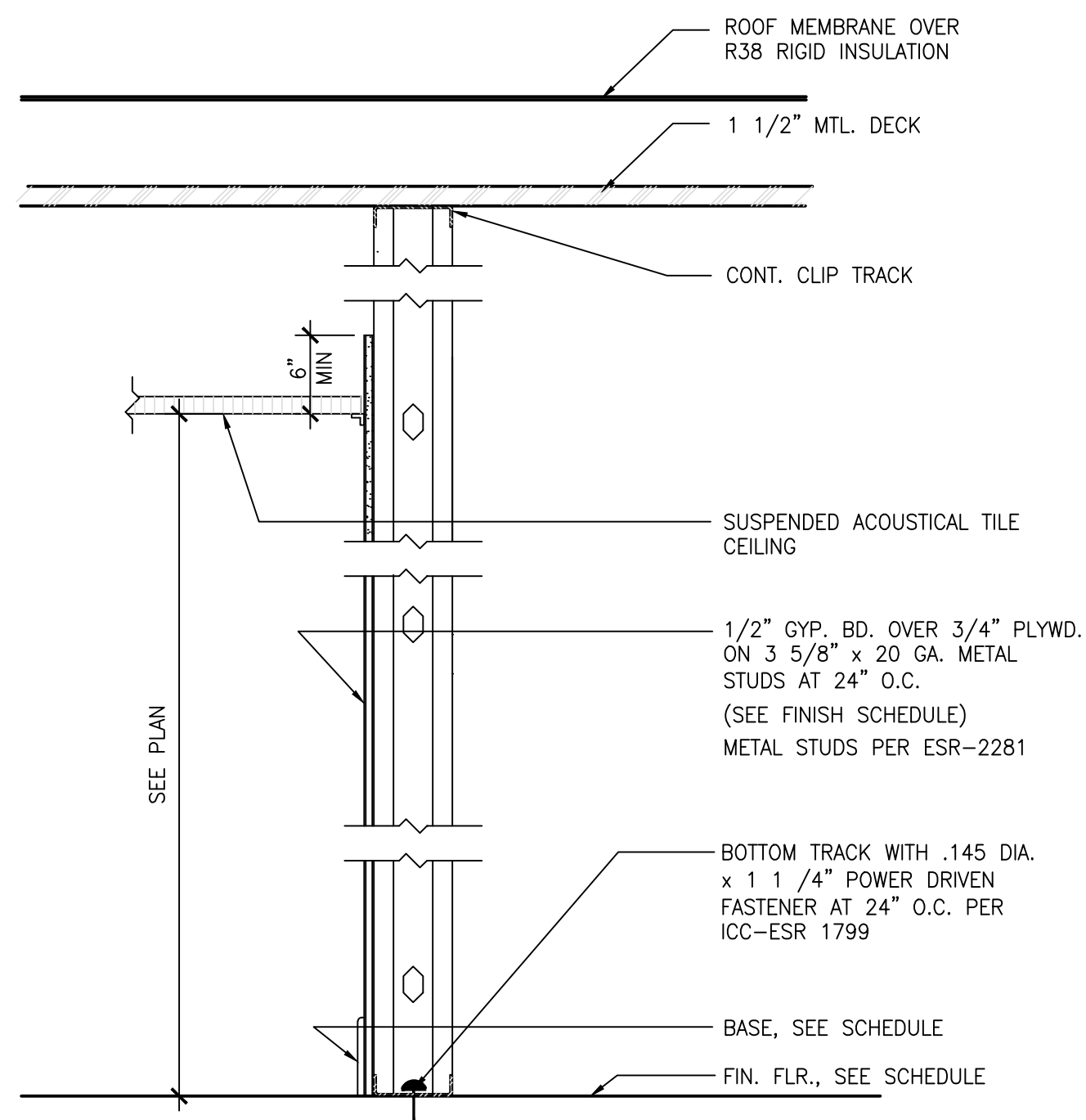
SCALE: AS NOTED	MDM JOB # 18012
DATE: 03-16-2021	
DESIGNED BY: PH	
DRAWN BY: PH	FILE NAME: 24 18012 AL-ALDWO
CHECKED BY: PH	

DRAWING TITLE:
ROOF LADDER DETAILS

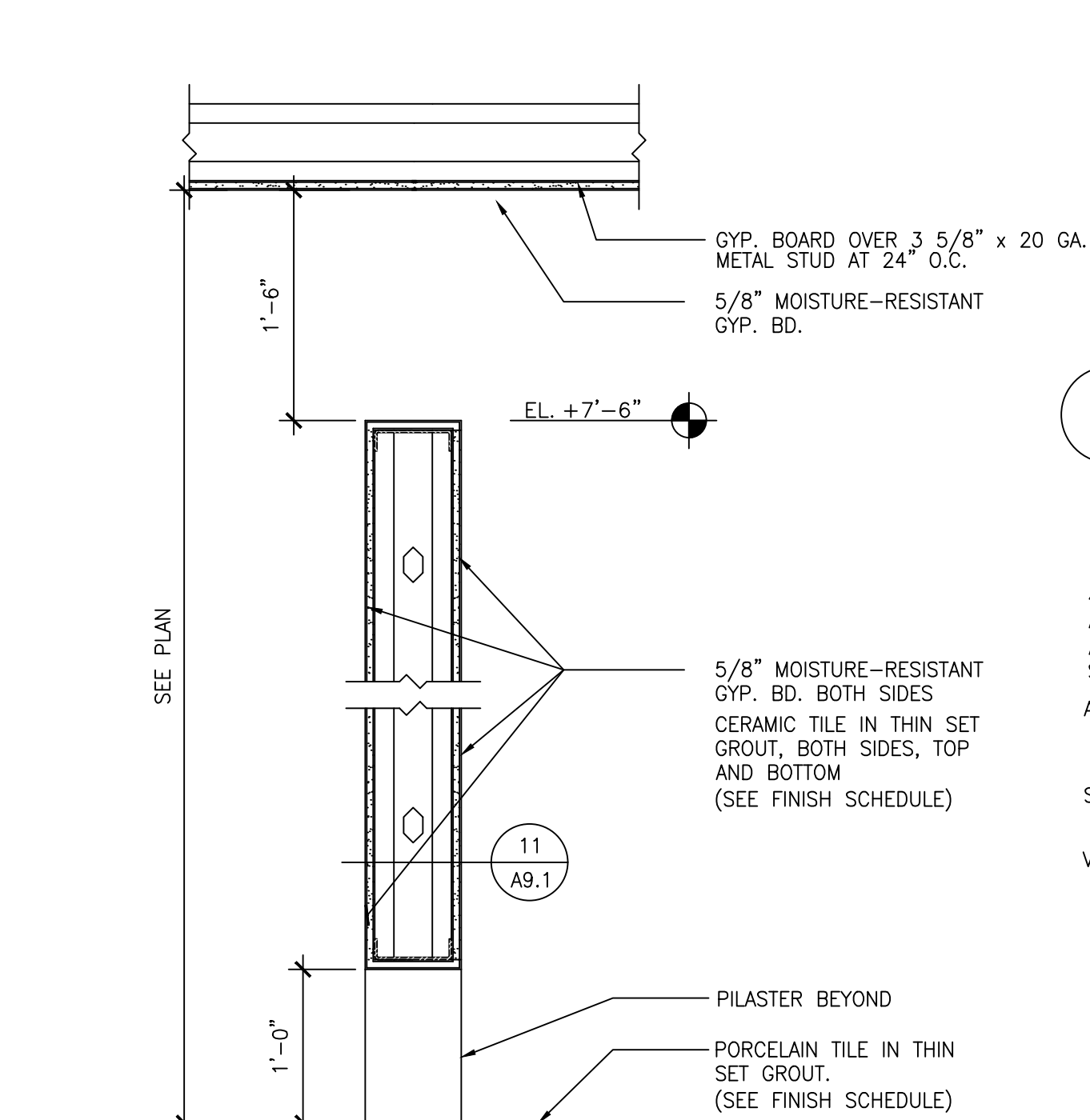
SHEET NO.:

A8.4

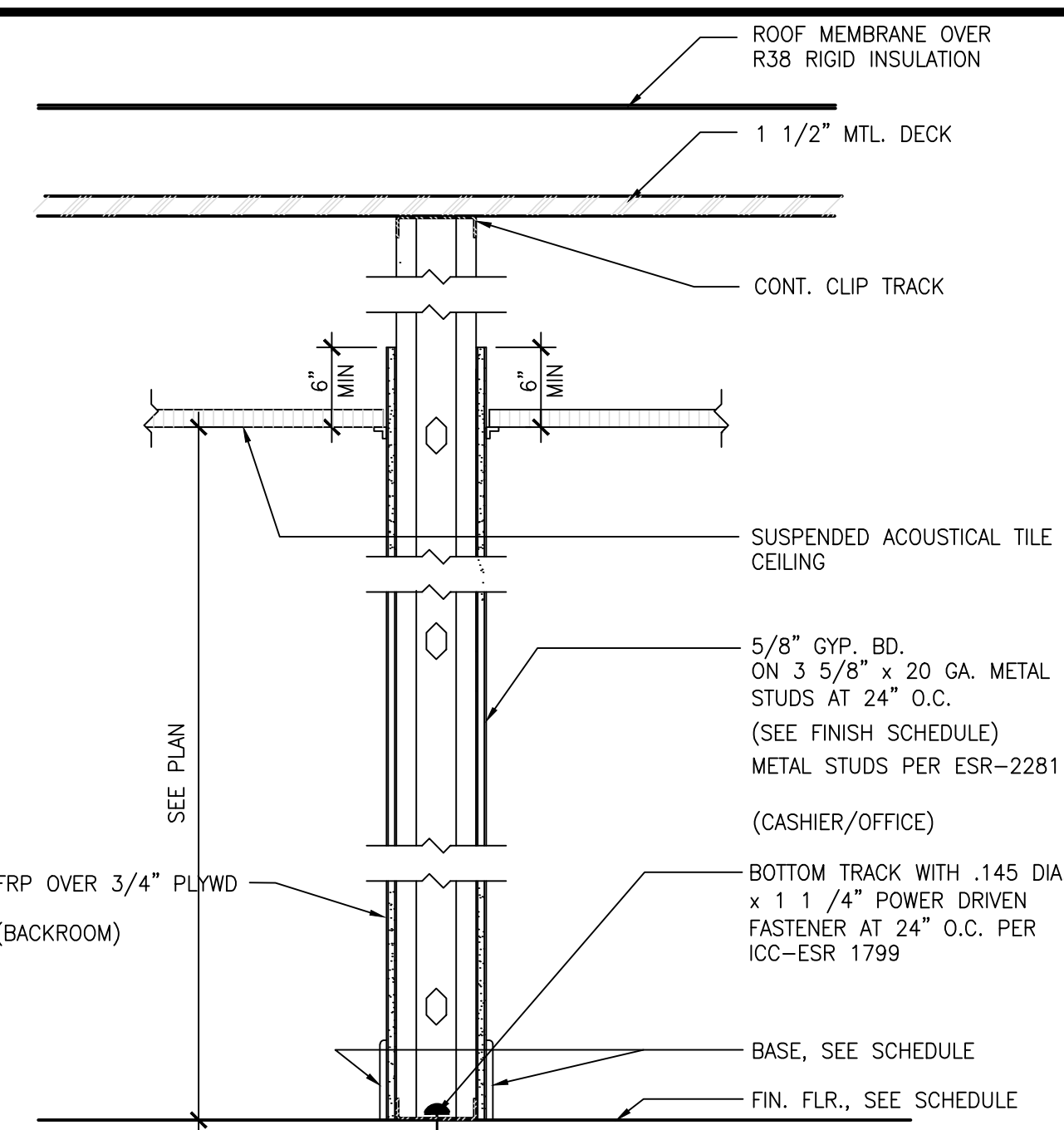
ISSUED FOR BID 03/08/2024



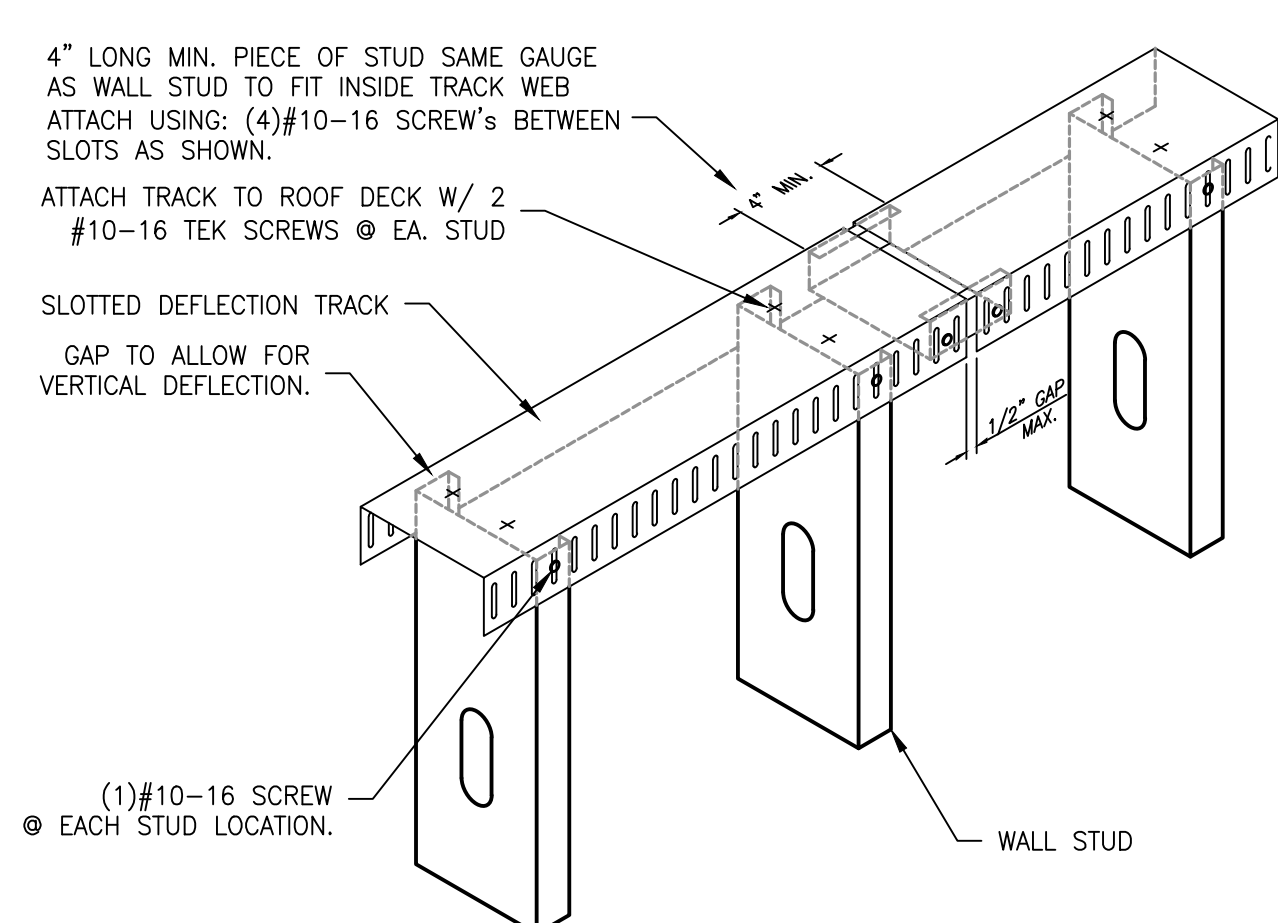
12 SECTION AT WALL TYPE C
1"=1'-0"



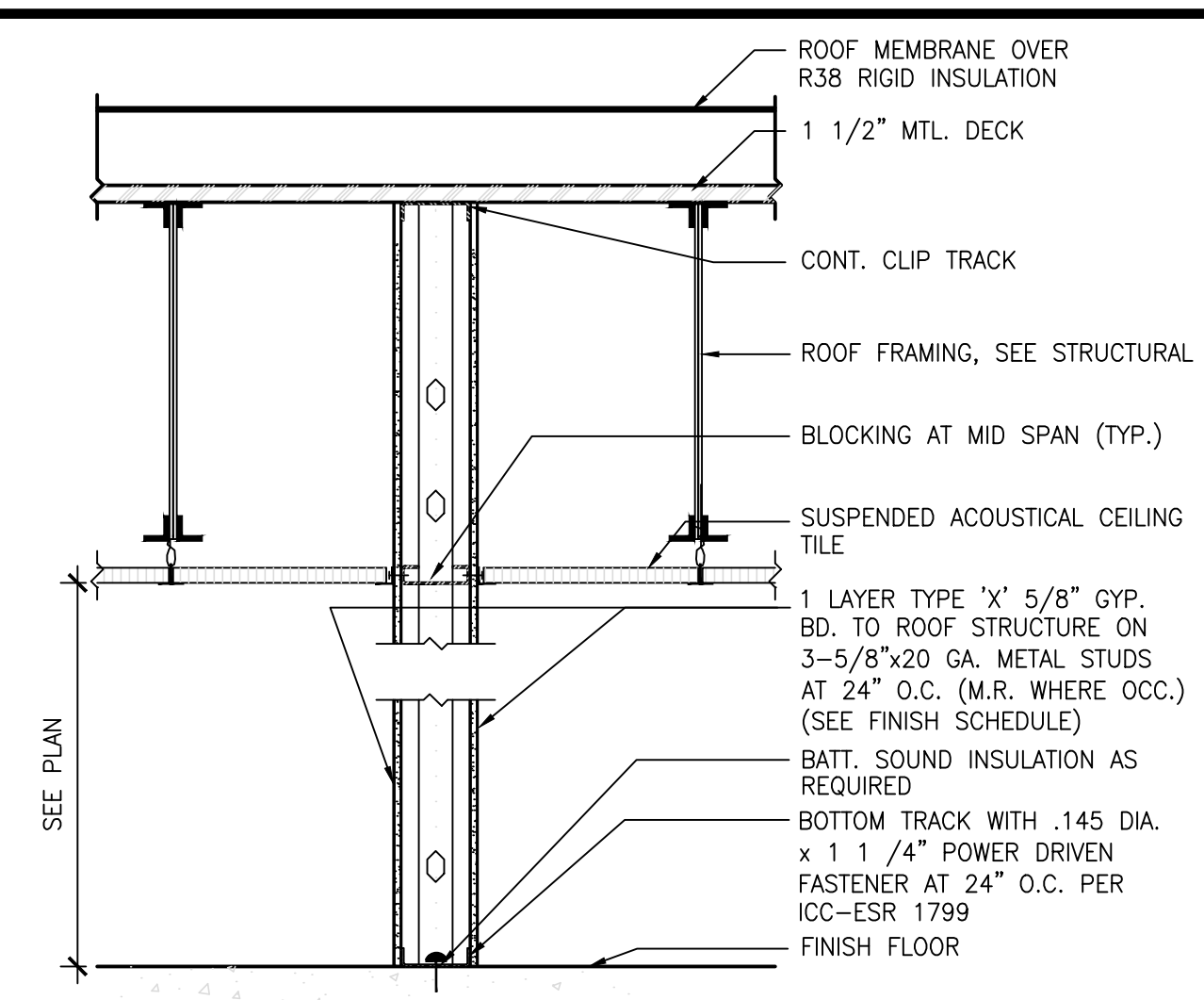
10 SECTION AT WALL - TYPE F (PARTITION WALL)
1"=1'-0"



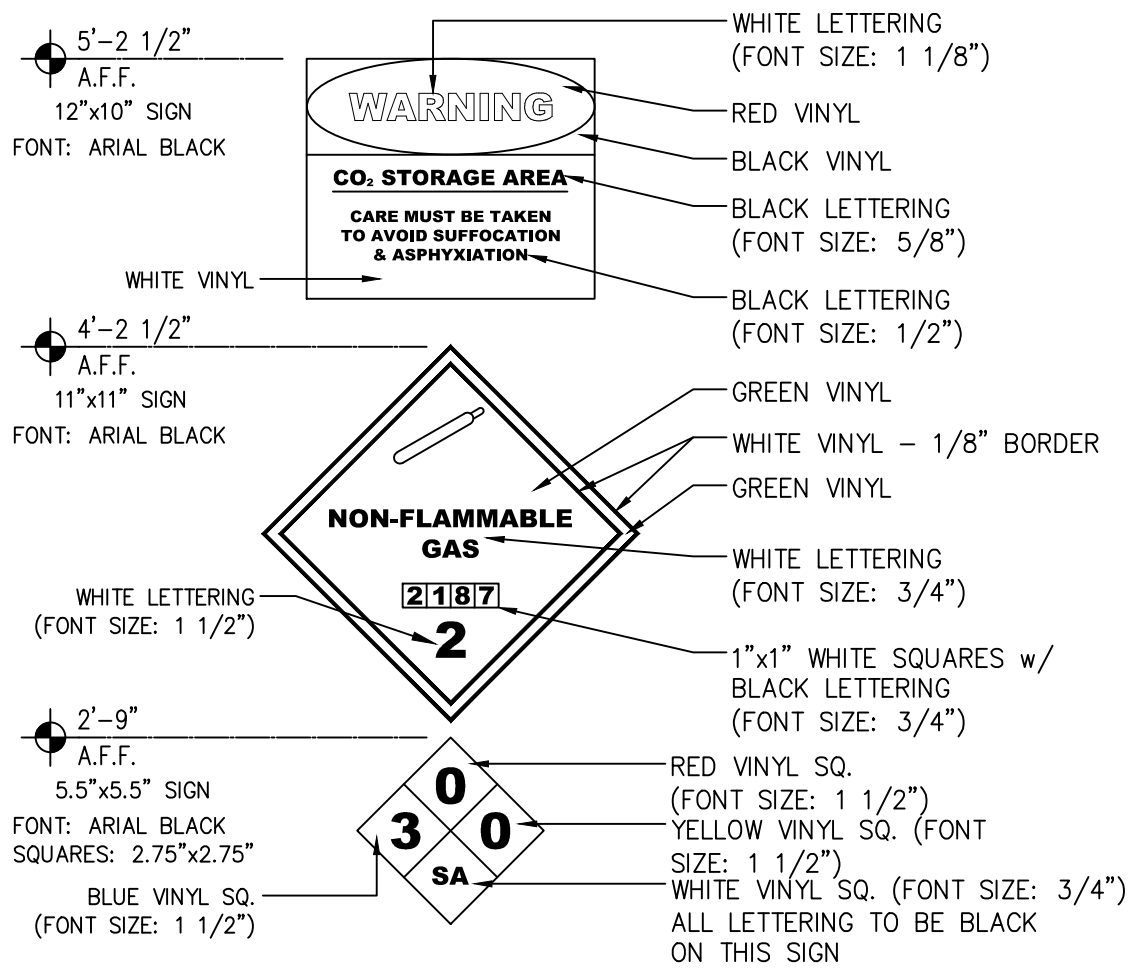
6 SECTION AT WALL - TYPE D
1"=1'-0"



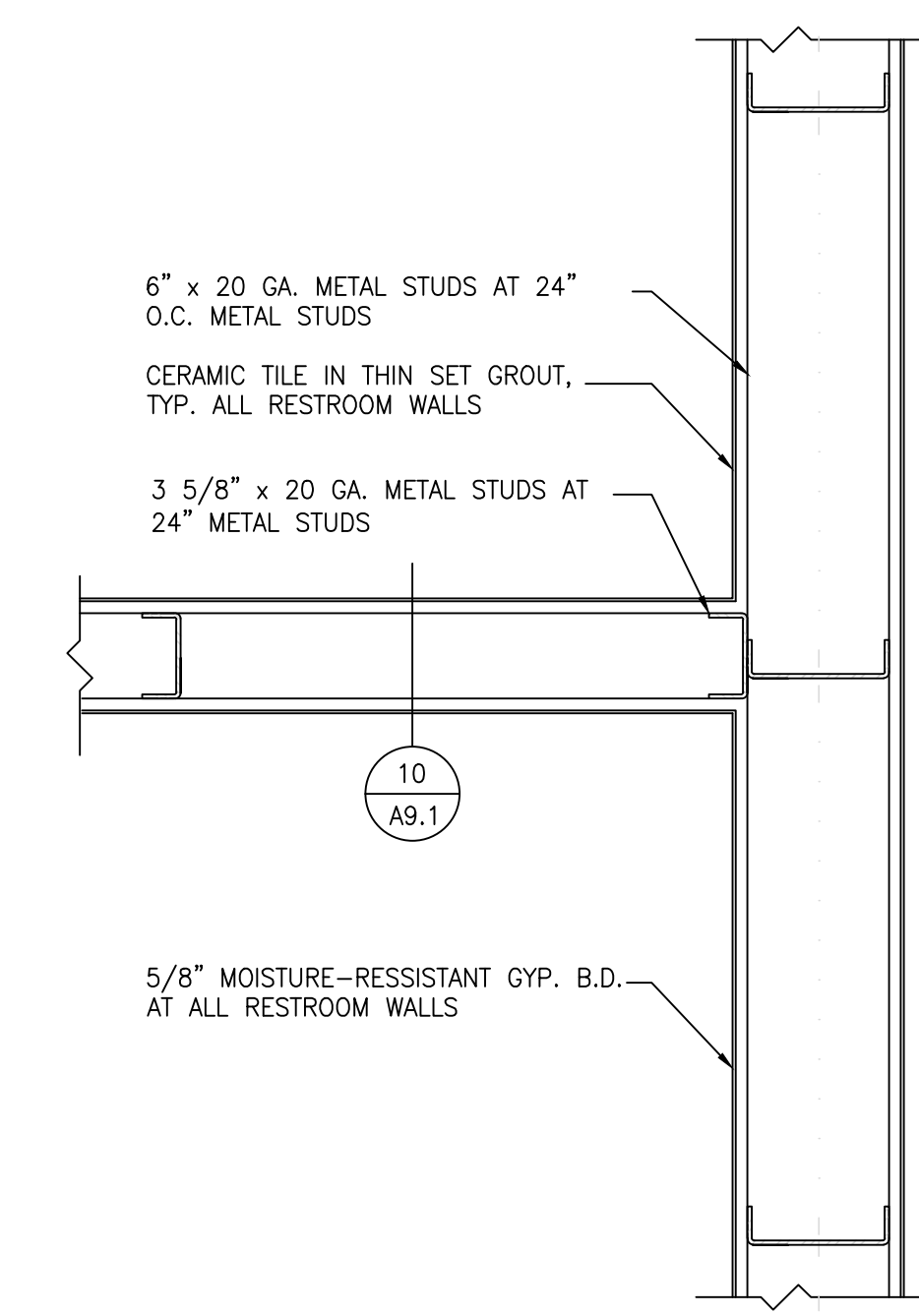
5 TYP. CLIP TRACK (DEFLECTION TRACK) DETAIL
NTS



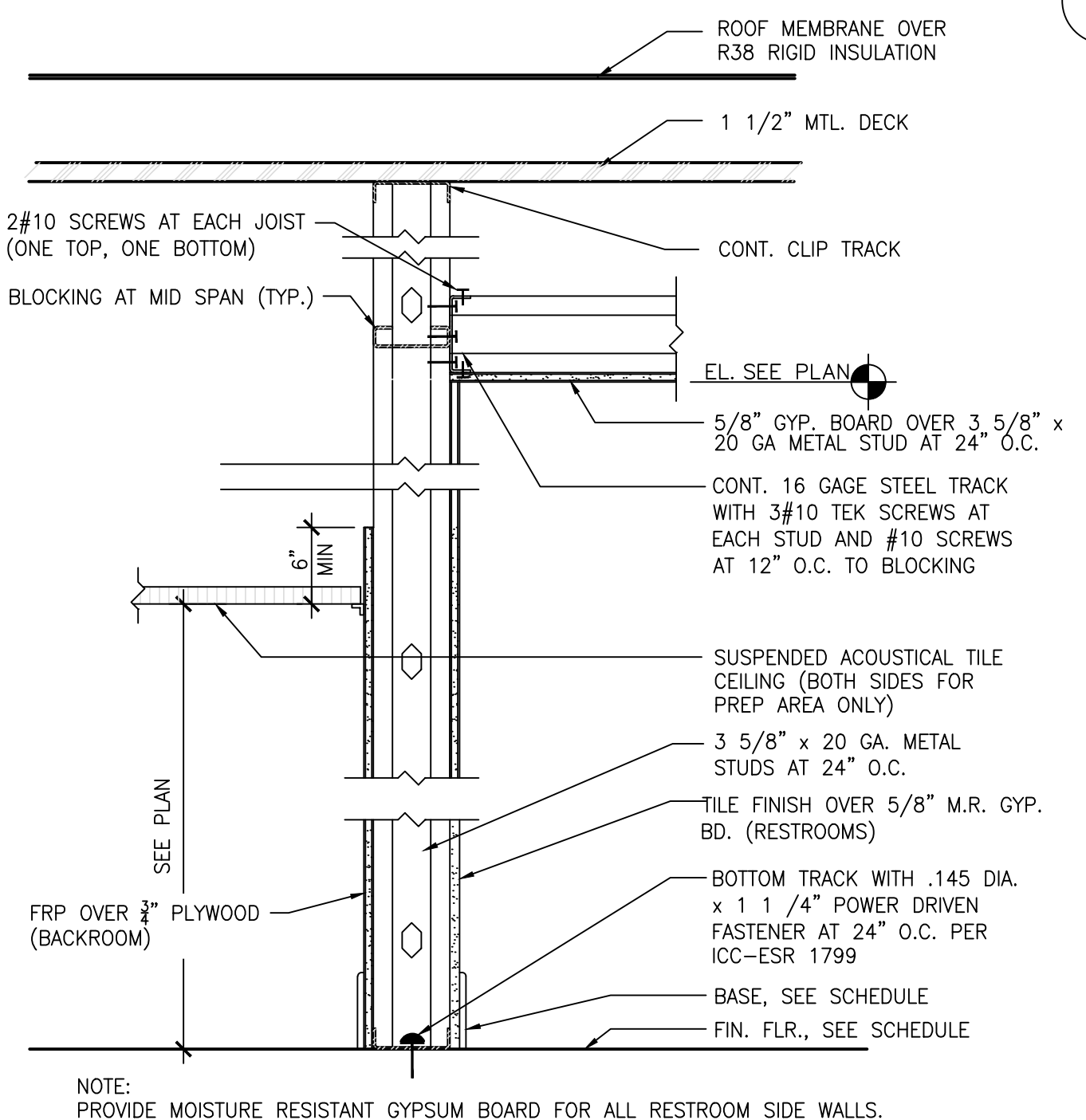
3 DEMISING WALL - TYPE A
3/4"=1'-0"



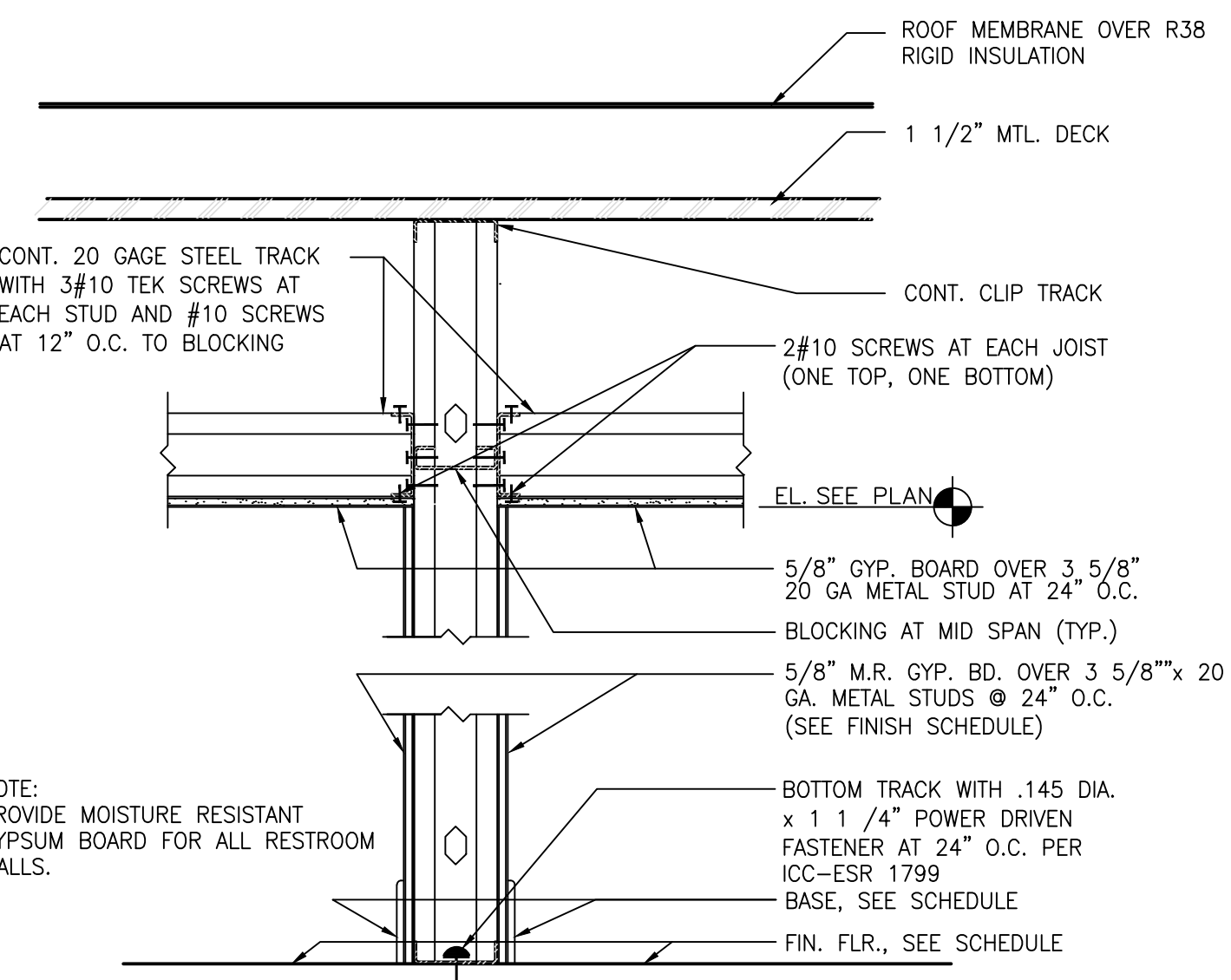
2 CO2 SIGNS
1-1/2"=1'-0"



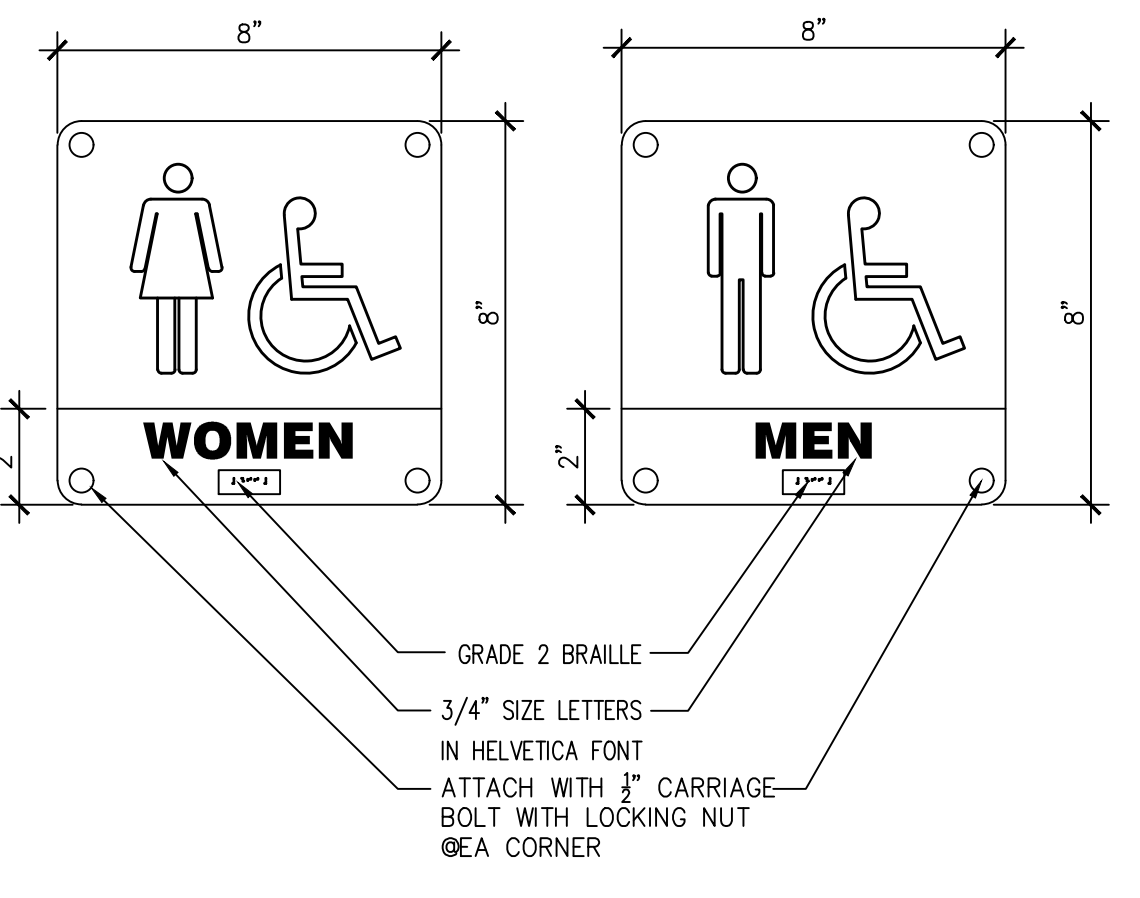
11 RESTROOM PARTITION WALL (PLAN VIEW)
1 1/2"=1'-0"



8 SECTION AT WALL - TYPE 'E'
1"=1'-0"



4 SECTION AT WALL - TYPE B
1"=1'-0"



1 RESTROOM SIGNS
3"=1'-0"

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
757 Beal Parkway NW
Fort Walton Beach, FL 32547
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN ROAD, LAKELAND, FL 33852
Phone: (863) 646-9130
FL, CA, #4857

NO.	DATE	REVISION DESCRIPTION

MICHAEL ROBINSON
FLORIDA P.E. REG # 28112

6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVIS HIGHWAY
PENSACOLA, FLORIDA 32514

SCALE: AS NOTED	MDM JOB # 18012
DATE: 03-16-2021	
DESIGNED BY: PH	
DRAWN BY: PH	FILE NAME: 25 18012 A9.1.DWG
CHECKED BY: PH	

DRAWING TITLE:
INTERIOR ARCHITECTURAL DETAILS

SHEET NO.:
A9.1

ISSUED FOR BID 03/08/2024

ABBREVIATIONS

Table of abbreviations and their corresponding full names, including terms like ANCHOR BOLT, AMERICAN CONCRETE INSTITUTE, and STRUCTURAL STEEL.

GENERAL NOTES

- 1. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB SITE PRIOR TO ERECTOR STARTING WORK.
2. ANY DEVIATIONS FROM THESE DRAWINGS DUE TO FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD.

SITE CONDITIONS

- 1. PROVIDE A DRIVE ACCESSIBLE TO WITHIN 15' OF THE PERIMETER OF THIS STRUCTURE IN ORDER TO UNLOAD MATERIALS AND PERFORM WORK.
2. FILL ALL OPEN TANK HOLES AND TRENCHES WITHIN 15' OF THE PERIMETER OF THIS STRUCTURE FROM THE TIME THAT THE STRUCTURE ARRIVES UNTIL ERECTION IS COMPLETE.

ERECTORS NOTES:

- 1. VERIFY ALL ITEMS UNDER THE SITE CONDITIONS, IF THESE ITEMS HAVE NOT BEEN ADDRESSED, CONTACT YOUR SUPERVISOR PRIOR TO UNLOADING MATERIALS.
2. VERIFY DIMENSIONS OF ALL FOOTING LOCATIONS PRIOR TO UNLOADING MATERIALS.
3. DESIGNATE A SAFE AND SECURE STAGING AREA AND UNLOAD ALL MATERIALS.

STRUCTURAL STEEL

- 1. STRUCTURAL STEEL SHALL CONFORM TO ASTM A-50
2. SQUARE AND RECTANGULAR TUBING SHALL CONFORM TO ASTM A500, GRADE B, FY=46 KSI
3. STEEL PIPE SHALL CONFORM TO ASTM A53, GRADE B, FY=36 KSI

ANCHOR BOLTS

- 1. ANCHOR BOLTS SHALL BE OF ASTM A307 MATERIAL
2. INSTALLATION OF ANCHOR BOLTS SHALL BE IN ACCORDANCE WITH THE ANSI CODE OF STANDARD PRACTICE, SECTION 7.5.

LIGHT GAUGE STEEL

- 1. STRUCTURAL LIGHT GAUGE STEEL SHALL CONFORM TO ASTM A653/A.
2. STRUCTURAL LIGHT GAUGE TUBING SHALL CONFORM TO ASTM A513, GRADE MT1010, FY - 50 KSI, AS A MINIMUM.
3. BUYOUT LIGHT GAUGE STEEL SHAPES SHALL CONFORM TO THE MANUFACTURERS SPECIFICATIONS AS CALLED OUT IN THE DESIGN CALCULATIONS/DRAWINGS.

ALUMINUM

- 1. ALL ALUMINUM SHALL BE 3004/H14

WELDING

- 1. STRUCTURAL WELDING SHALL CONFORM TO AWS D1.1
2. STRUCTURAL LIGHT GAUGE WELDING SHALL CONFORM TO AWS D1.3
3. STRUCTURAL WELDING SHALL BE DONE IN THE SHOP OF A LICENSED FABRICATOR.

BOLTS

- 1. ALL BOLTS SHALL BE ASTM A325 HIGH STRENGTH BOLTS UNLESS NOTED OTHERWISE ON THESE DRAWINGS.
2. HIGH STRENGTH BOLTS SHALL BE INSTALLED USING THE "TURN OF NUT" TIGHTENING METHOD. BOLTS SHALL BE BROUGHT TO THE SNUG TIGHT CONDITION AND THEN TIGHTENED 1/3 TURN.

SCREWS

- 1. SHEET METAL SCREWS SHALL BE MADE FROM CARBON STEEL WIRE.
2. SIZE AND SPACING SHALL BE INDICATED ON THESE DRAWINGS.

POP RIVETS

- 1. ALL POP RIVETS SHALL BE THE BREAK MANDREL BLIND RIVET TYPE & SHALL CONFORM TO IFI STANDARD 114.
2. FINISHES SHALL BE ALUMINUM OF STAINLESS STEEL.
3. SIZE AND SPACING SHALL BE INDICATED ON THESE DRAWINGS.

ROOFING NOTES

- 1. ROOFING MATERIAL SHALL BE ATTACHED PER MANUFACTURERS SPECIFICATIONS TO MEET THE DESIGN CRITERIA PRESCRIBED IN THESE PLANS.
2. ROOF TO BE PITCHED A MINIMUM OF 1/4" PER FOOT

CONCRETE NOTES

- 1. ENGINEER OF RECORD MUST BE NOTIFIED WITHIN 48 HOURS OF PLACING CONCRETE.
2. CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 301 "SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS" AND ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
3. STRUCTURAL CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF ACI 301 AND SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS OF 3000 PSF, UNLESS NOTED OTHERWISE.

CONCRETE MASONRY NOTES

- 1. ALL MASONRY BLOCK SHALL CONFORM TO THE REQUIREMENTS OF ASTM C90 FOR LOAD BEARING CONCRETE MASONRY.
1.1. MIN. PRISM STRENGTH OF 1500 PSI W/ 3/8" MORTAR JOINTS.
2. ALL MORTAR SHALL BE A MINIMUM TYPE M OR S MORTAR
3. UNLESS SPECIFICALLY SHOWN OTHERWISE PROVIDE "DUR-O-WALL" TRUSS TYPE REINFORCING IN EVERY OTHER COURSE (16" O.C.)
4. ALL LAP SPLICES MUST BE 48 BAR DIAMETERS.

FOUNDATION NOTES

- 1. SOIL TO BE COMPACTED TO AT LEAST 95% OF MAX. DRY DENSITY AS DETERMINED BY ASTM - 1557 (MODIFIED PROCTOR)
2. FOUNDATIONS ARE DESIGNED BASED A PRESUMPTIVE MINIMUM SOIL BEARING PRESSURE IS 2000 PSF.
3. FOOTINGS SHALL BE PLACED ON COMPACTED SOIL FREE OF ORGANIC DEBRIS

WINDOWS & DOORS NOTES

- 1. WINDOWS, DOOR, SHUTTERS, AND ALL COMPONENTS SHALL BE DESIGNED AND INSTALLED PER THE MINIMUM DESIGN PRESSURES AS PRESCRIBED IN THESE PLANS.
2. ALL WINDOWS & DOORS ARE TO BE INSTALLED ON 2X PRESSURE TREATED BUCKS, AND AS PER MANUFACTURERS SPECIFICATIONS UNLESS OTHERWISE NOTED.

DESIGN PARAMETERS FOR WIND LOAD COMPLIANCE

- 1. RISK CATEGORY II
2. 2020 FLORIDA BUILDING CODE, 7th EDITION & ASCE/SEI 7-16
3. BUILDING DESIGN IS ENCLOSED
4. INTERNAL PRESSURE COEFFICIENT +/- 0.18
5. WIDTH OF END ZONE A = 4.0'
6. WIND SPEED: 150 MPH (Vult), 116 MPH (Vasd)
7. WIND EXPOSURE CLASSIFICATION: C
8. COMPONENT & CLADDING DOORS & WINDOWS: ±30 PSF

CLIENT:

ALT PENSACOLA INC.

Abu Mridha
757 Beal Parkway NW
Fort Walton Beach, FL 32547
Phone No. 775-848-1271

DESIGN TEAM TITLE:



1055 KATHLEEN ROAD, LAKELAND, FLORIDA 32805
Phone: (863) 646-9130
FL, CA, #4857

NO. DATE REVISION DESCRIPTION

MICHAEL ROBINSON
FLORIDA P.E. REG # 28...

6,625 SQ. FT.
BUILDING

SITE DESIGNATIONS:

NEW CONVENIENCE STORE
7822 NORTH DAVIS HIGHWAY
PENSACOLA, FLORIDA 32514

SCALE: AS NOTED MDM JOB # 18012

DATE: 03-16-2021

DESIGNED BY: PH

DRAWN BY: PH FILE NAME: 29-18012-01.dwg

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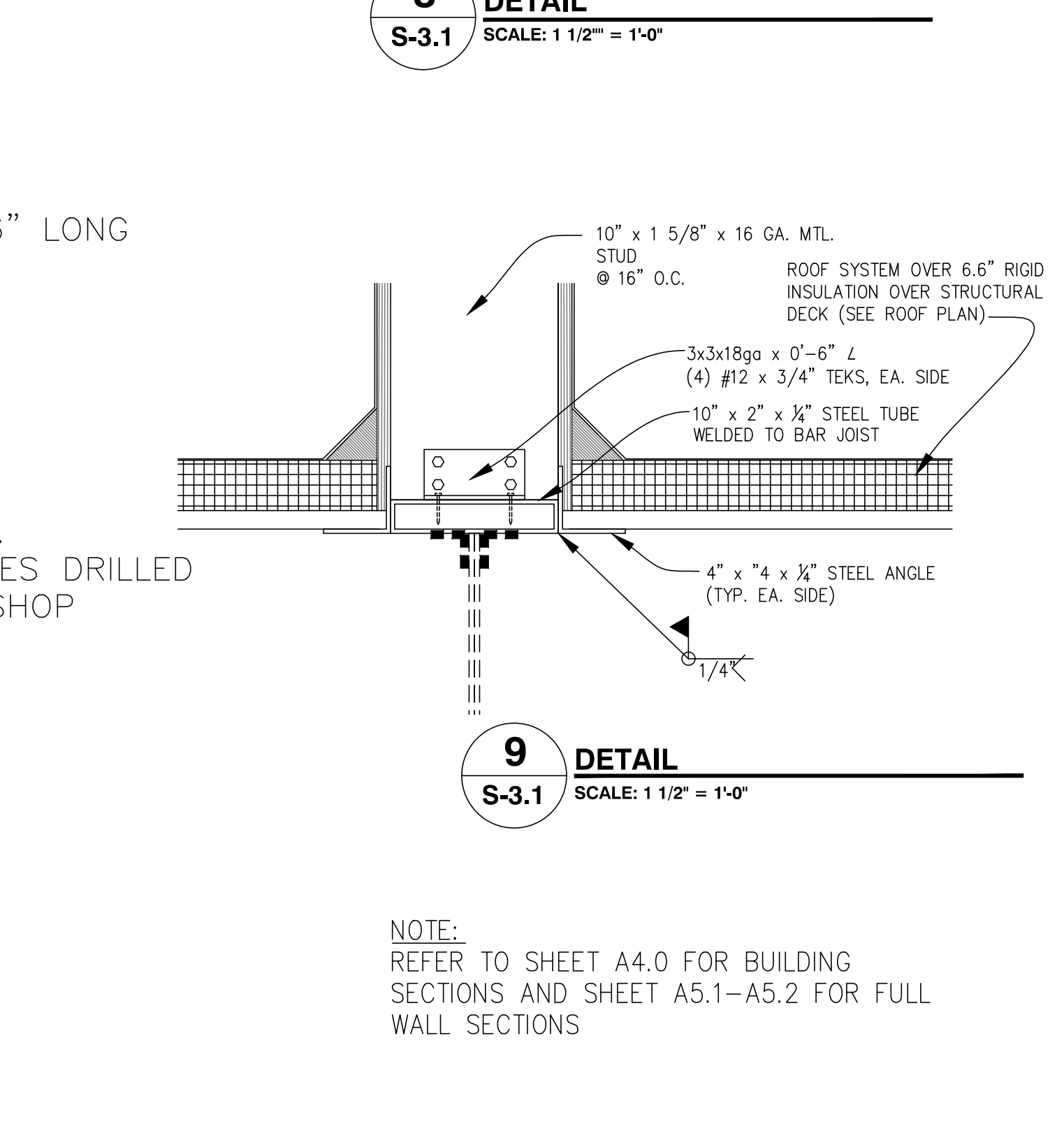
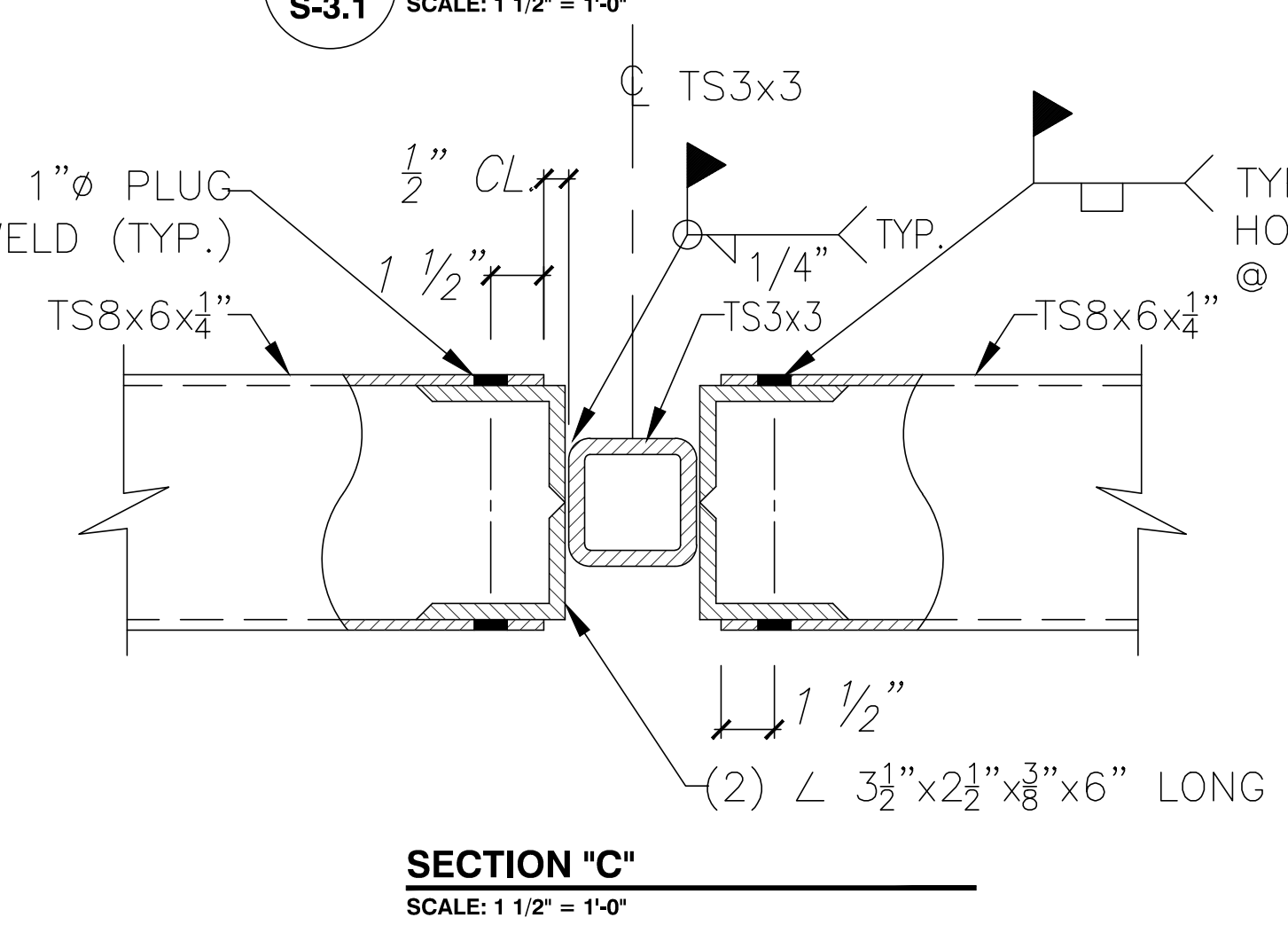
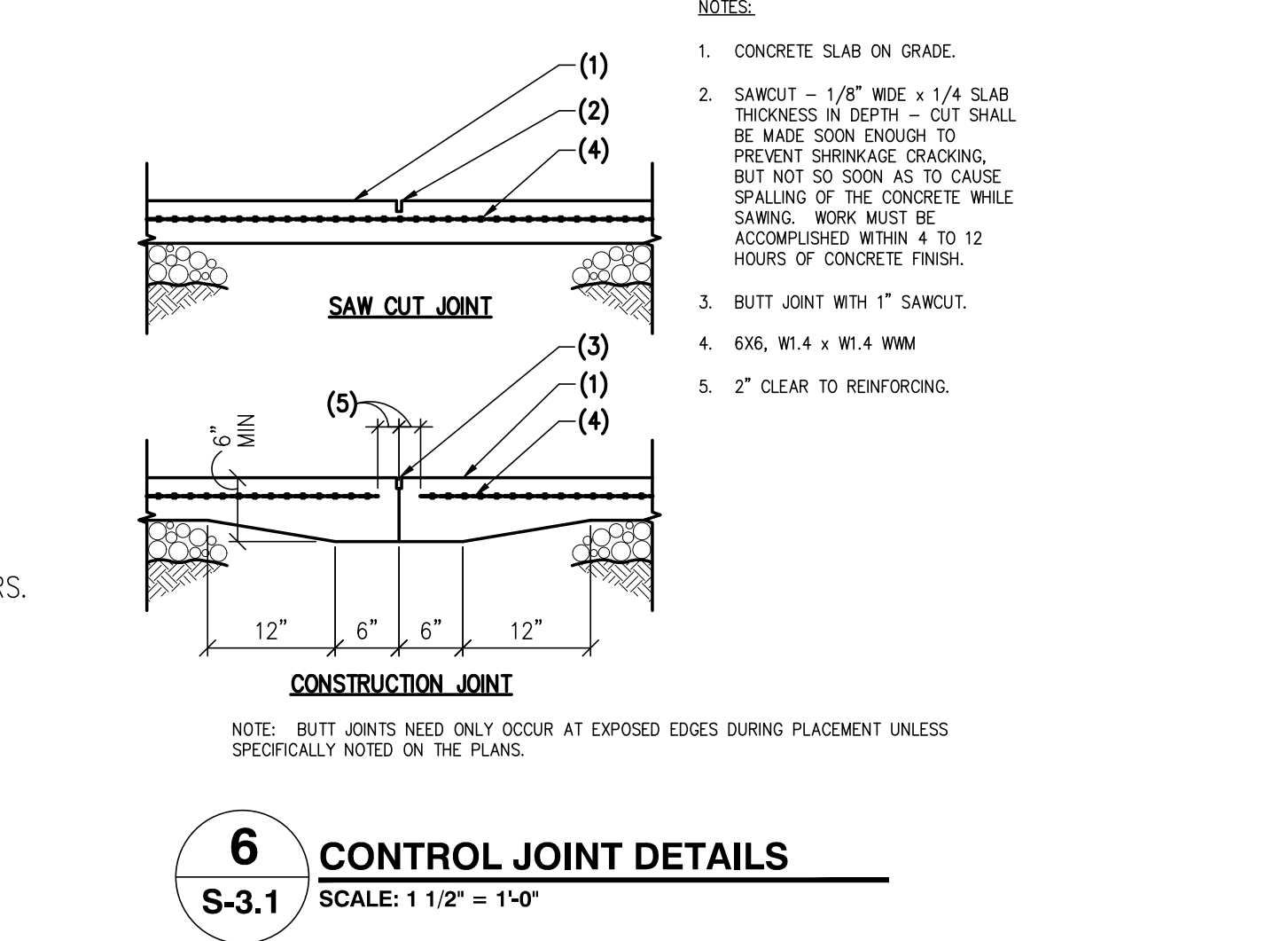
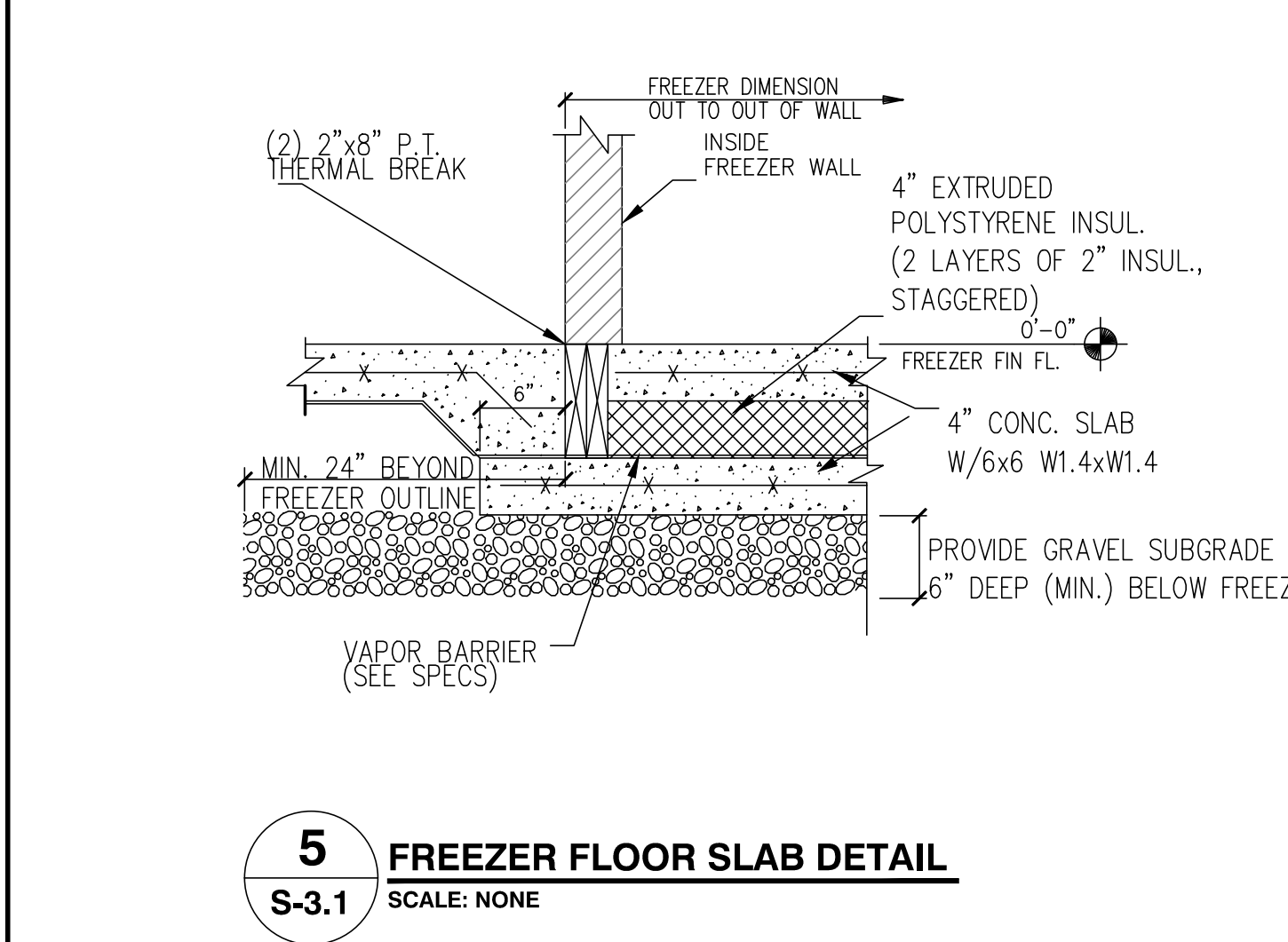
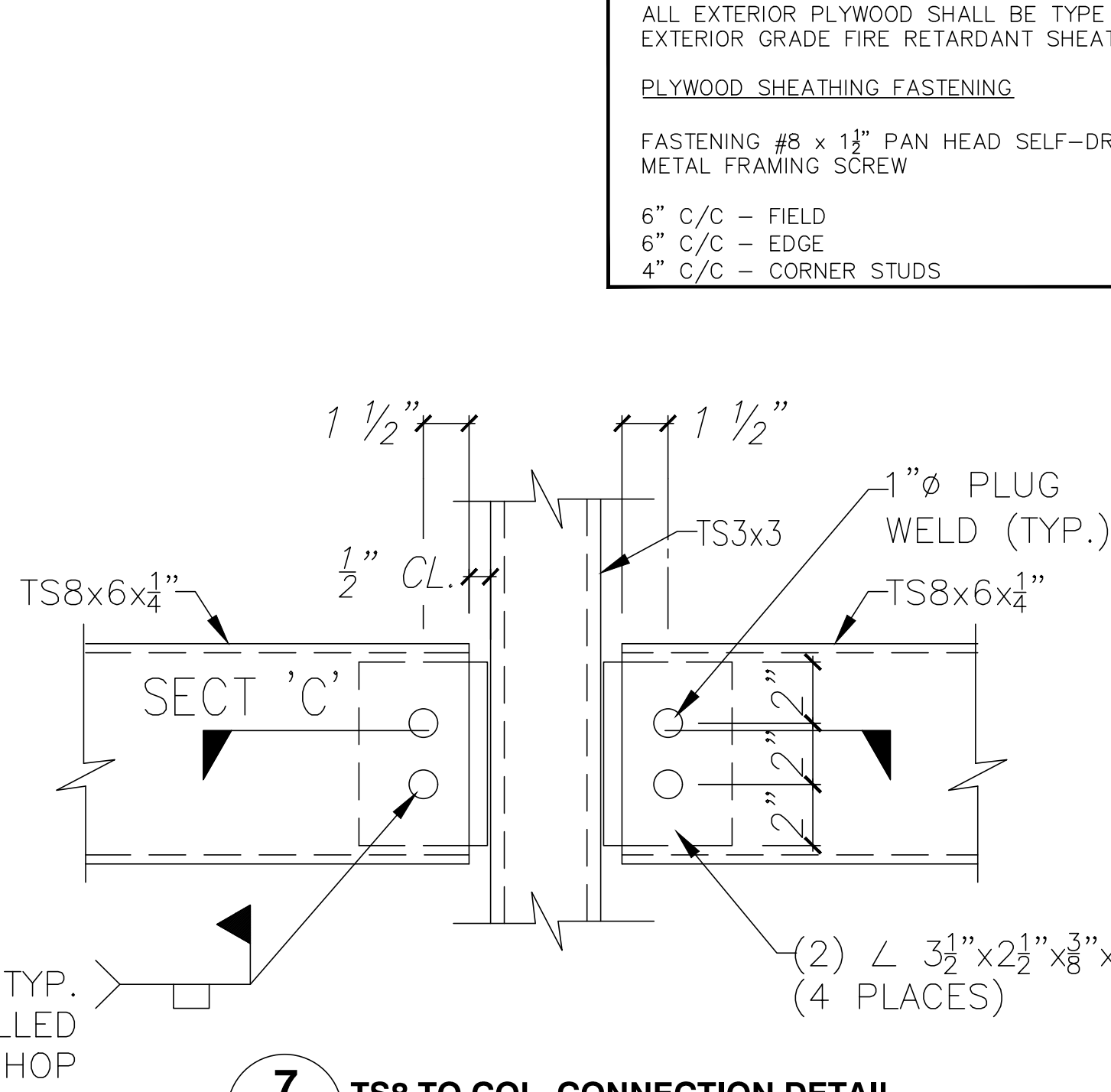
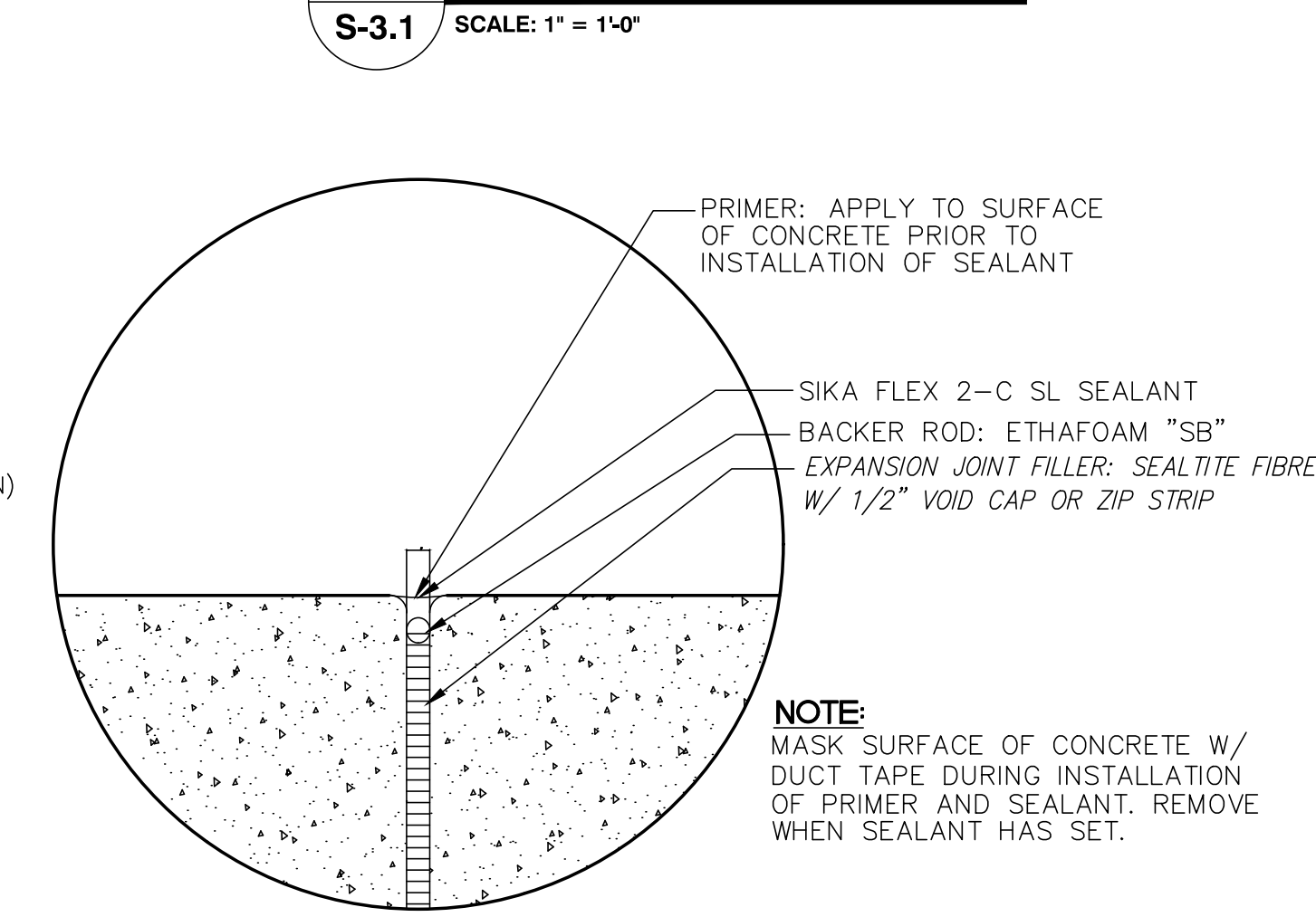
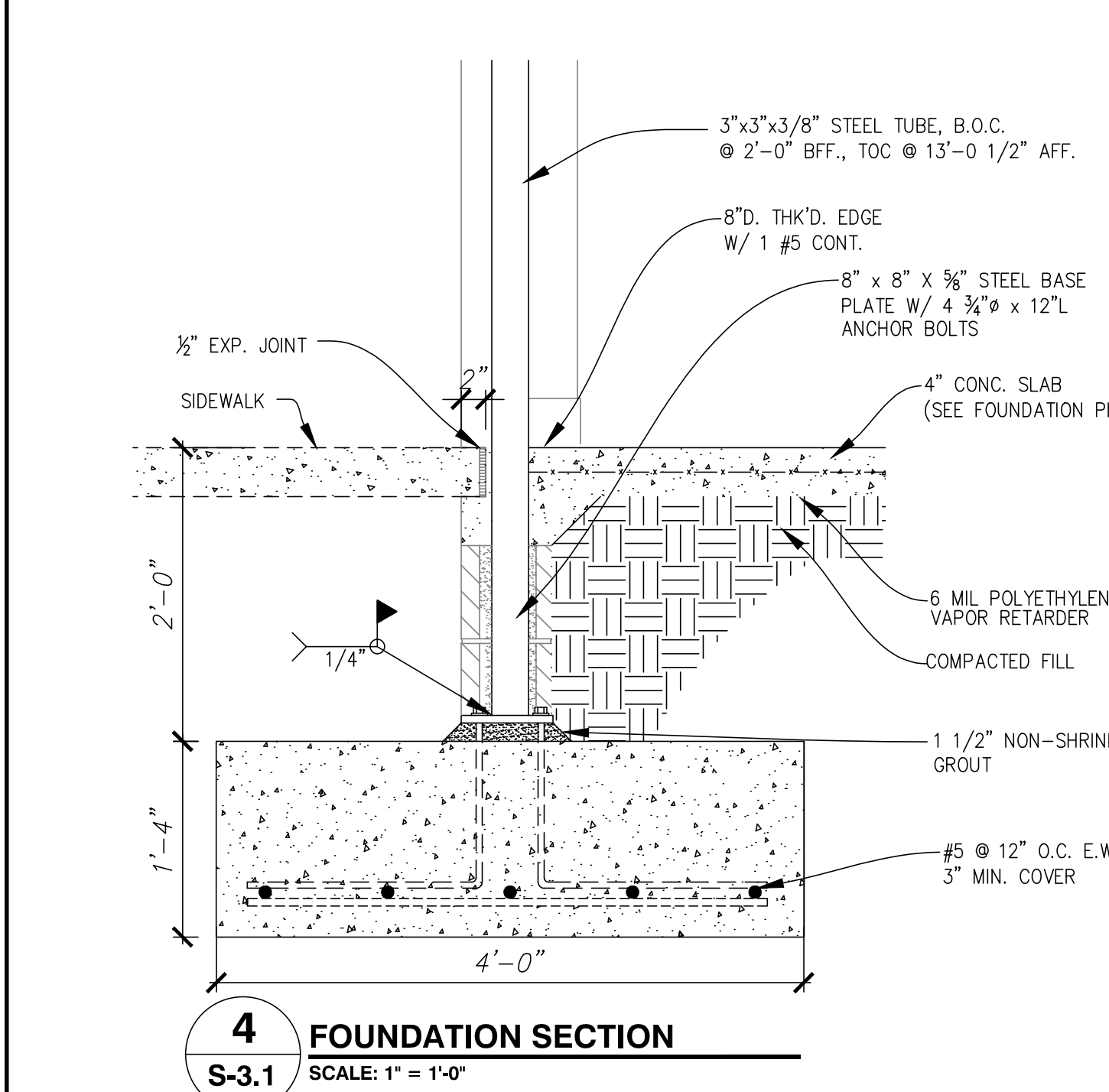
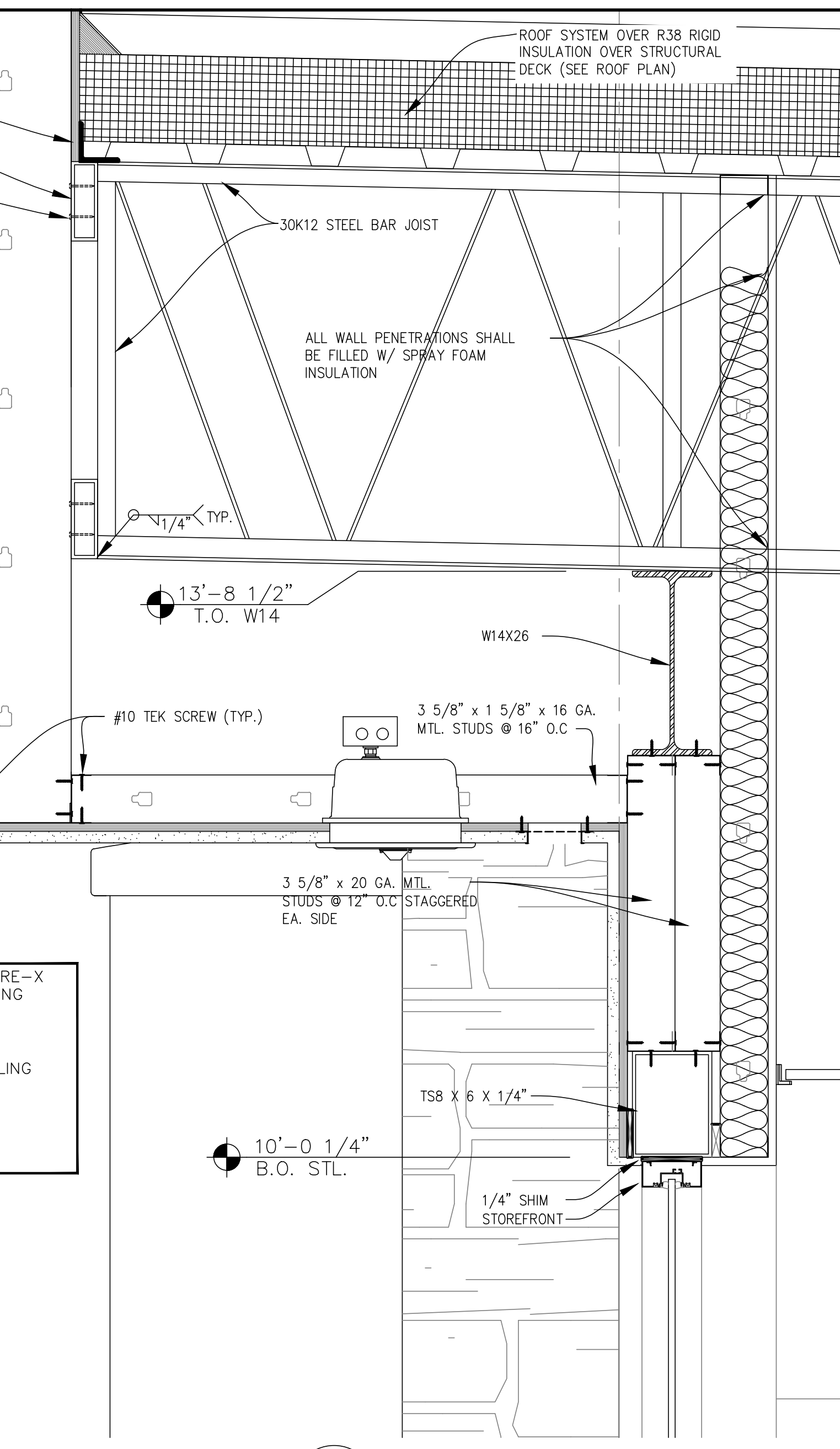
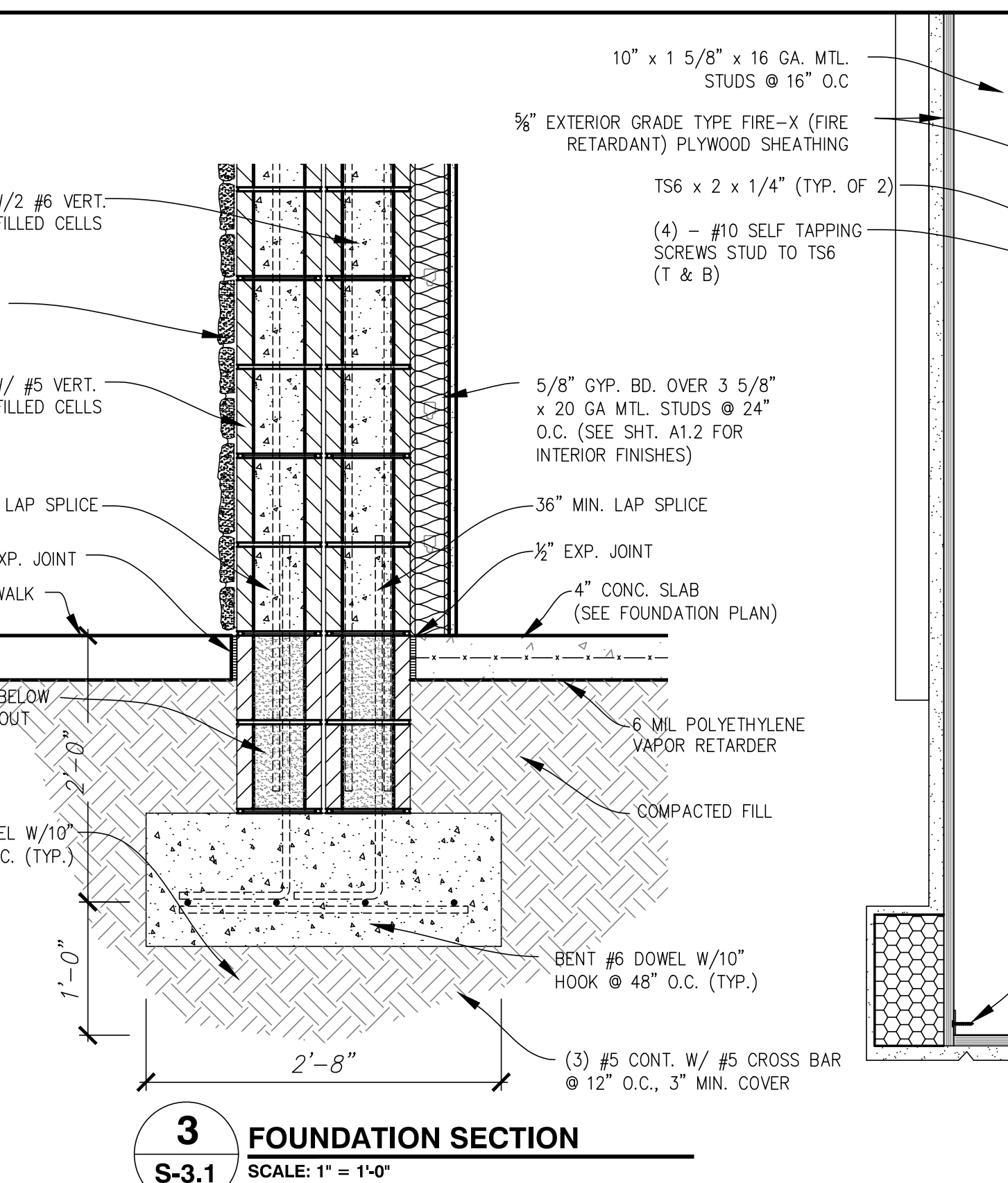
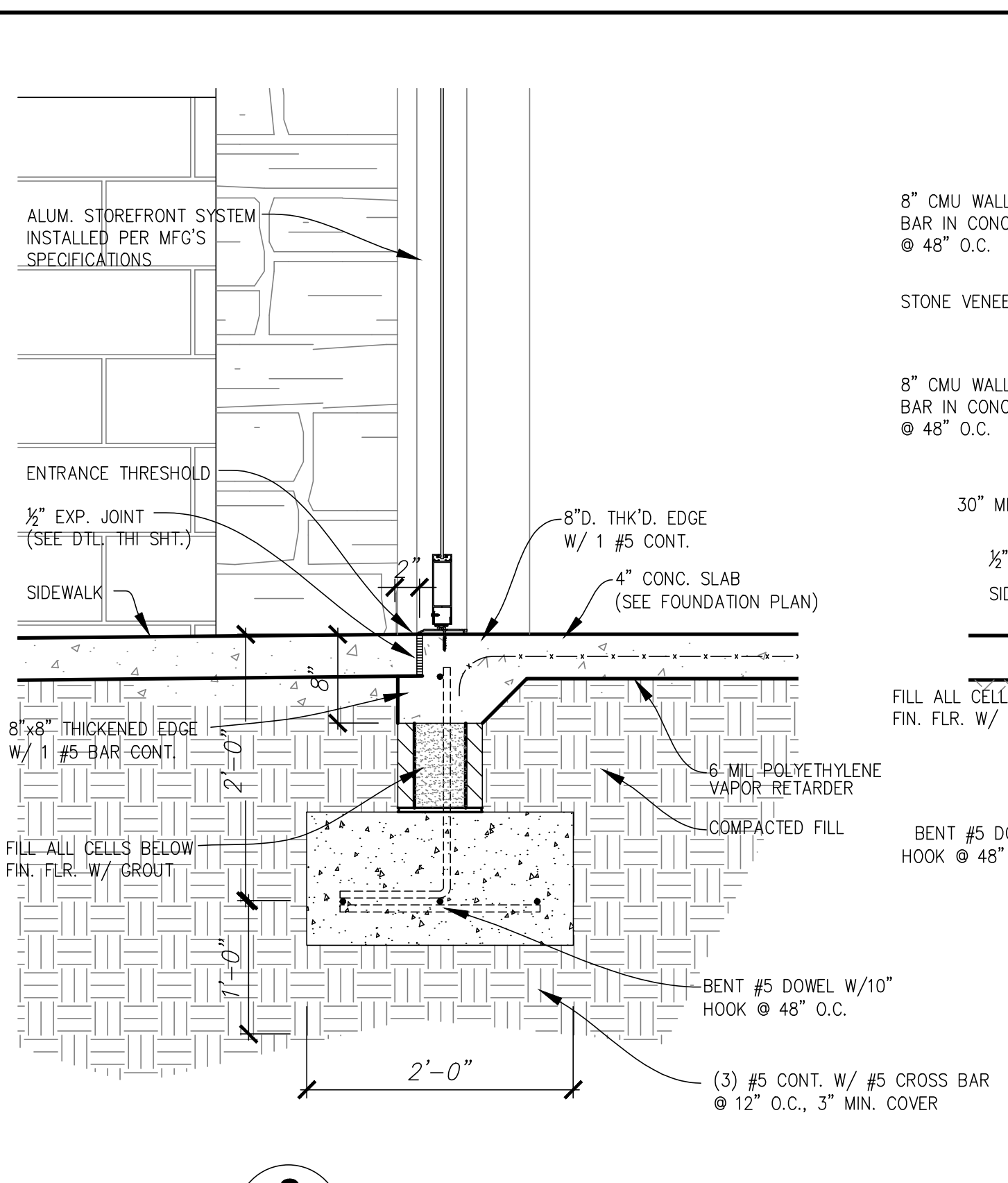
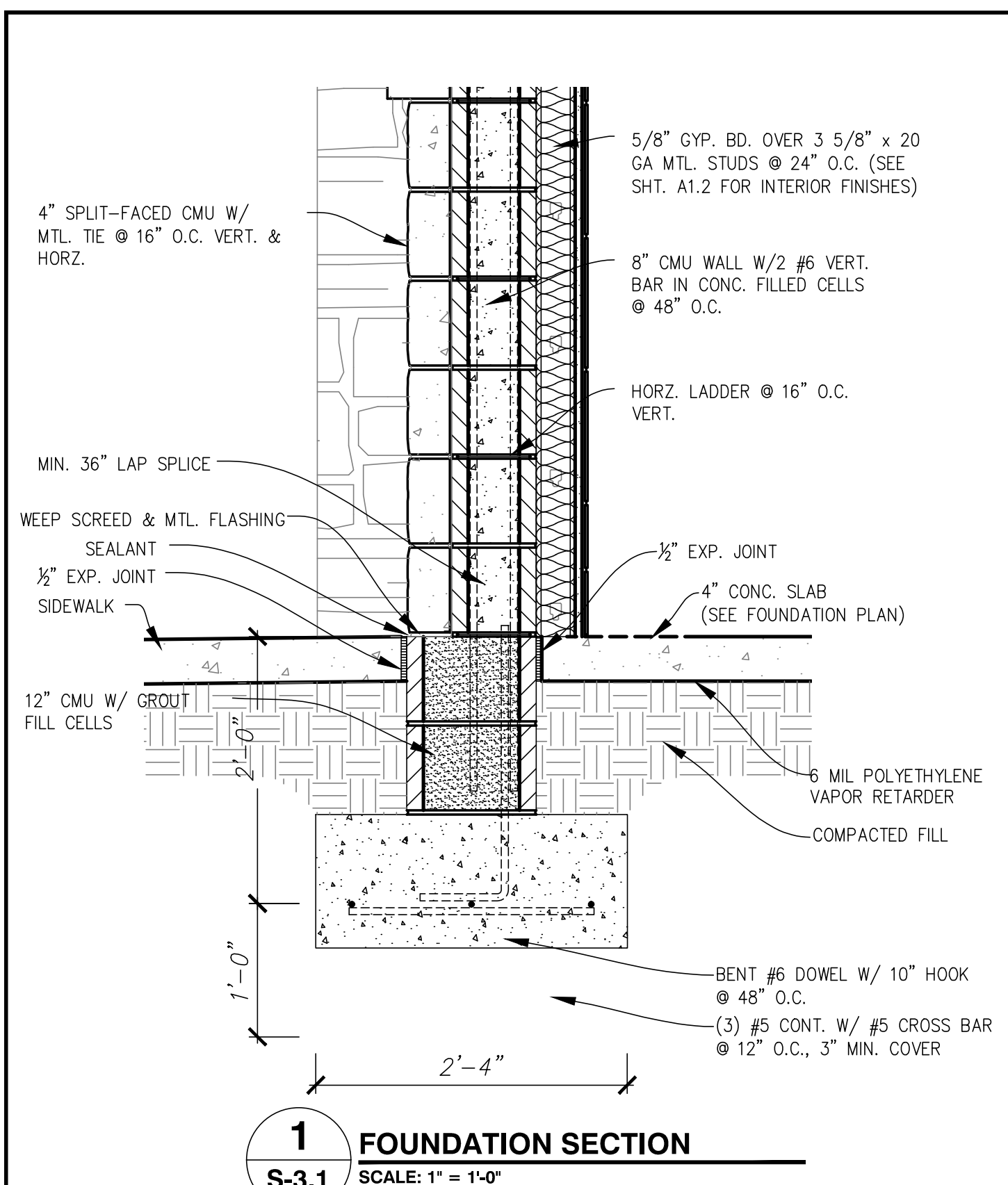
DRAWING TITLE:

GENERAL STRUCTURAL NOTES

SHEET NO.:

S1.1

ISSUED FOR BID 03/08/2024



ALL EXTERIOR PLYWOOD SHALL BE TYPE FIRE-X EXTERIOR GRADE FIRE RETARDANT SHEATHING
 PLYWOOD SHEATHING FASTENING
 FASTENING #8 x 1 1/2" PAN HEAD SELF-DRILLING METAL FRAMING SCREW
 6" C/C - FIELD
 6" C/C - EDGE
 4" C/C - CORNER STUDS

- NOTES:
- CONCRETE SLAB ON GRADE.
 - SAWCUT - 1/8" WIDE x 1/4" SLAB THICKNESS IN DEPTH - CUT SHALL BE MADE SOON ENOUGH TO PREVENT SHRINKAGE CRACKING, BUT NOT SO SOON AS TO CAUSE SPALLING OF THE CONCRETE WHILE SAWING. WORK MUST BE ACCOMPLISHED WITHIN 4 TO 12 HOURS OF CONCRETE FINISH.
 - BUTT JOINT WITH 1" SAWCUT.
 - 6X6, W/4 x W/4 W/M
 - 2" CLEAR TO REINFORCING.

NOTE:
 REFER TO SHEET A4.0 FOR BUILDING SECTIONS AND SHEET A5.1-A5.2 FOR FULL WALL SECTIONS

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 757 Beal Parkway NW
 Fort Walton Beach, FL 32547
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN ROAD, LAKELAND, FL 33850
 Phone: (863) 646-9130
 FL, CA, #4857

NO.	DATE	REVISION DESCRIPTION

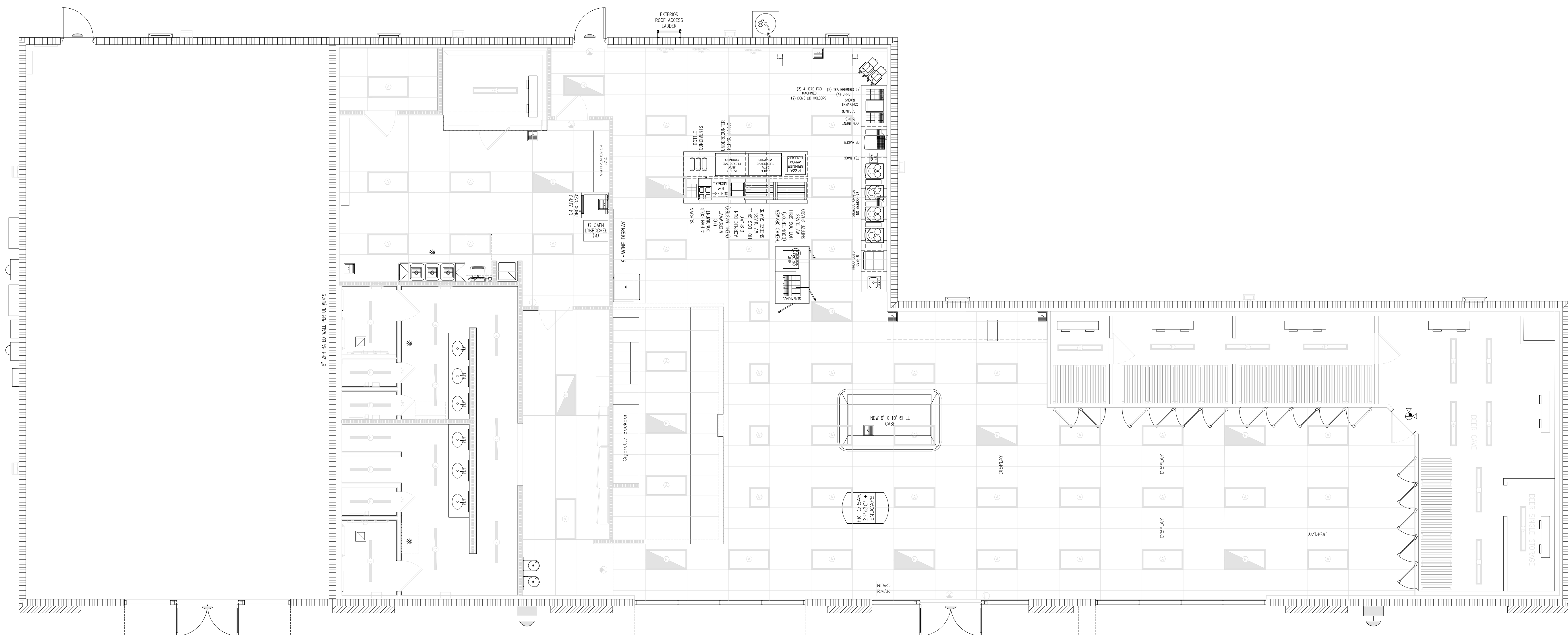
MICHAEL ROBINSON
 FLORIDA P.E. REG # 28505
6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
 7822 NORTH DAVIS HIGHWAY
 PENSACOLA, FLORIDA 32514

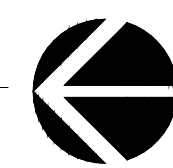
SCALE: AS NOTED	MDM JOB # 18012
DATE: 03-16-2021	
DESIGNED BY: PH	FILE NAME: 18012.DWG
DRAWN BY: PH	DATE: 03-16-2021
CHECKED BY: PH	SCALE: 1/8" = 1'-0"

DRAWING TITLE:
STRUCTURAL DETAILS
 SHEET NO.: **S3.1**

ISSUED FOR BID 03/08/2024



MECHANICAL FLOOR PLAN
3/16" = 1'-0"



CLIENT:
ALT PENSACOLA INC.
Abu Mridha
757 Beal Parkway NW
Fort Walton Beach, FL 32547
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DESIGN TEAM TITLE:
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engineering • environmental • construction
1055 KATHLEEN ROAD, LAKELAND, FL 33855
Phone: (863) 646-9137
FL, CA, #4857

NO.	DATE	REVISION DESCRIPTION

MICHAEL ROBINSON
FLORIDA P.E. REG # 28112

**6,625 SQ. FT.
BUILDING**

SITE DESIGNATIONS:

**NEW
CONVENIENCE
STORE**

**7822 NORTH DAVIS
HIGHWAY
PENSACOLA, FLORIDA
32514**

SCALE: AS NOTED	MDM JOB # 18012
DATE: 03-16-2021	
DESIGNED BY: PH	
DRAWN BY: PH	FILE NAME: 34-18012-01-01-M1.1.DWG
CHECKED BY: PH	

DRAWING TITLE:
**MECHANICAL
FLOOR PLAN**

SHEET NO.:
M1.1

ISSUED FOR BID 03/08/2024

SECTION	MECHANICAL SPECIFICATIONS
15010 BASIC MECHANICAL REQUIREMENTS	<ol style="list-style-type: none"> ALL WORK TO BE DONE AND MATERIALS FURNISHED COMPLYING WITH APPLICABLE LAWS, AND RESOLUTIONS, INCLUDING THE CURRENTLY ENFORCED VERSIONS OF THE 2020 7TH ED. FLORIDA MECHANICAL CODE (F.M.C.), THE 2020 7TH ED. FLORIDA PLUMBING CODE (F.P.C.), THE 2020 7TH ED. FLORIDA BUILDING CODE (F.B.C), AND LOCAL, STATE, AND FEDERAL FIRE SAFETY CODES (NFPA). ALL MATERIALS USED SHALL BE NEW AND UNDAMAGED. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH CURRENT CONSTRUCTION INDUSTRY STANDARDS AND WORKMANSHIP. PRIOR TO SUBMITTING A PROPOSAL, THE CONTRACTOR SHALL VISIT THE SITE AND THOROUGHLY INSPECT ALL EXISTING CONDITIONS TO ENSURE THAT THE WORK REPRESENTED ON THE DRAWINGS AND THESE SPECIFICATIONS CAN BE INSTALLED AS INDICATED. AT SUBSTANTIAL COMPLETION OF THE CONSTRUCTION, FURNISH AS-BUILT PLANS TO ARCH/ENGINEER FOR APPROVAL BEFORE THEY ARE TURNED OVER TO OWNER ALL MANUFACTURED EQUIPMENT, ACCESSORIES AND MATERIALS SHALL BE USED AS INTENDED BY THE MANUFACTURER, IN STRICT ACCORDANCE WITH THE MANUFACTURERS WRITTEN INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS. THE MECHANICAL CONTRACTOR SHALL PROVIDE, IN ADDITION TO ANY OTHER WARRANTIES SPECIFIED, A ONE(1) YEAR FULL LABOR AND MATERIAL WARRANTY ON ALL WORKMANSHIP, MATERIAL AND EQUIPMENT FURNISHED FOR THIS PROJECT. THE CONTRACTOR SHALL REPLACE ALL DEFECTIVE WORKMANSHIP, EQUIPMENT, AND MATERIALS WITHOUT ADDITIONAL CHARGES, INCLUDING ALL REFRIGERANT CAUSED TO BE LOST BY REPAIR OF DEFECTIVE WORK OR MATERIALS. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR INSTRUCTING THE OWNER IN PROPER OPERATION AND MAINTENANCE OF THE EQUIPMENT. A WIRING DIAGRAM WITH INSTRUCTIONS FOR THE OPERATION, INSTALLER'S NAME, PHONE NUMBER, MODEL, AND MAKE OF EQUIPMENT PROVIDED, ETC., SHALL BE FURNISHED TO OWNER. AT A TIME DESIGNATED, PROVIDE AN ENGINEER OR MECHANIC TO GO OVER SYSTEM WITH OWNER'S REPRESENTATIVE TO THOROUGHLY FAMILIARIZE HIM WITH THE OPERATION AND MAINTENANCE OF THE SYSTEM. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL OPENINGS AND REQUIRED LINTELS NEEDED FOR GENERAL CONTRACTOR FOR THE INSTALLATION OF MECHANICAL EQUIPMENT. SAWCUTS, LINTELS, HEADERS, AND STRUCTURAL MODIFICATIONS TO THE BUILDING STRUCTURE NEEDED FOR THE INSTALLATION OF MECHANICAL EQUIPMENT SHALL BE APPROVED BY THE GENERAL CONTRACTOR, BEFORE INSTALLATION. IN GENERAL, OPENINGS AND REQUIRED LINTELS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING DETAILS AND TEMPLATES OF ALL OPENINGS NECESSARY FOR MECHANICAL EQUIPMENT INSTALLATION INCLUDING: HOUSING, ACCESS DOORS, INSPECTION DOORS, AND PASSAGE WAYS FOR MECHANICAL EQUIPMENT. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR SEALING CRACKS AND FINISHING ROUGH EDGES LEFT FOLLOWING MECHANICAL INSTALLATION. THE USE OF THE MECHANICAL EQUIPMENT FOR HEATING, COOLING, OR DRYING DURING CONSTRUCTION IS PROHIBITED, UNLESS APPROVED BY WRITTEN DOCUMENTATION BY THE OWNER. ALL OTHER MANUFACTURERS BESIDES THE SPECIFIED PRODUCT MUST BE PRE-APPROVED PRIOR TO BIDDING. SUBMIT DETAILED EQUIPMENT CUT-SHEETS AND CLEARLY IDENTIFY ANY DIFFERENCES FROM THE SPECIFIED PRODUCT. ANY EQUIPMENT SUBMITTED DURING THE REGULAR SUBMITTAL PROCESS THAT WAS NOT PRE-APPROVED WILL BE AUTOMATICALLY BE REJECTED. PERMITS AND INSPECTIONS: MECHANICAL CONTRACTOR IS RESPONSIBLE TO OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND LICENSES. WHEN REQUIRED BY CODE, ALL WORK MUST BE INSPECTED AND APPROVED BY LOCAL AUTHORITIES. PRIOR TO FINAL APPROVAL, FURNISH THE ARCHITECT/OWNER WITH CERTIFICATES OF INSPECTION AND APPROVALS BY LOCAL AUTHORITIES. PRIOR TO SUBMITTING BID, THE MECHANICAL CONTRACTOR SHALL CAREFULLY EXAMINE THE PLANS FOR THE PROPER FITTING OF THE MATERIAL AND APPARATUSES INTO THE BUILDING. ARRANGE WORK SCHEDULE FOR MINIMUM INTERFERENCE WITH THE WORK OF OTHER TRADES. SHOULD THE PARTICULAR EQUIPMENT PROPOSED FOR INSTALLATION REQUIRE OTHER ARCHITECTURAL, STRUCTURAL, PLUMBING, OR ELECTRICAL CONDITIONS THAT THOSE SHOWN, ARRANGE FOR SUCH SPACE BEFORE SUBMITTING BID. ALL CHANGES NECESSITATED BY THE FAILURE TO COMPLY WITH THIS CLAUSE, SHALL BE MADE AT NO ADDED EXPENSE TO THE OWNER. WITHIN 10 DAYS AFTER AWARD OF CONTRACT, SUBMIT (4) COPIES OF A COMPLETE WRITTEN LIST OF ALL MAJOR ITEMS OF EQUIPMENT AND MATERIALS AS WELL AS ADDITIONAL COPIES, THAT THE CONTRACTOR MAY NEED RETURNED. THE SUBMITTAL SHALL DEFINITELY AND CLEARLY STATE WHERE SUBMITTED EQUIPMENT DOES NOT AGREE WITH THE CONTRACT DOCUMENTS, AND LIST DEVIATIONS IN COLOR OTHER THAN RED. SUBMIT ALL ITEMS AT ONE TIME AND IN A NEAT AND ORDERLY MANNER. PARTIAL LISTS WILL NOT BE ACCEPTABLE. SUBMITTALS SHALL INCLUDE MANUFACTURER'S SPECIFICATIONS, PHYSICAL DIMENSIONS AND RATINGS OF ALL EQUIPMENT SUBMITTED. SUBMITTALS SHALL BE INDEXED, SEPARATED BY DIVIDERS, AND BOUND IN LOOSE LEAF RING BINDERS.
15140 SUPPORTS AND ANCHORS	<ol style="list-style-type: none"> FURNISH PIPE AND DUCT HANGERS, WHERE REQUIRED, FIRMLY SUPPORTED FROM BUILDING STEEL, CONCRETE OR MASONRY STRUCTURE. SUPPORT PIPING SYSTEMS SECURELY WHILE ALLOWING FOR PIPE AND BUILDING EXPANSION AND CONTRACTION. PROVIDE COPPER PLATED HANGERS FOR COPPER PIPE. USE ADJUSTABLE STEEL BAND HANGERS. MAXIMUM SPACING SHALL BE 5' FOR 1/2" PIPING, 7' FOR 3/4" TO 1-1/4" PIPING, AND 9' FOR 1-1/2" PIPING. ALL WORK SHALL COMPLY WITH SECTION 305.4 OF THE 2020 7TH EDITION FLORIDA MECHANICAL CODE. FURNISH MECHANICAL EQUIPMENT SUPPORTS AS DETAILED OR AS REQUIRED TO SAFELY AND PERMANENTLY CARRY THE WEIGHT OF THE EQUIPMENT.
15250 MECHANICAL INSULATION	<ol style="list-style-type: none"> INSULATE ALL METAL SUPPLY AND RETURN DUCTWORK WITH 2" FOIL BACKED FIBERGLASS INSULATION. IN UNHEATED ATTICS OR IN AREAS LOCATED ABOVE THE LINE OF BUILDING INSULATION, INSULATE ALL DUCTWORK, INCLUDING RETURN AIR AND EXHAUST AIR DUCTWORK, WITH 3" FOIL-BACKED INSULATION, AND REQUEST THAT GENERAL CONTRACTOR BLOW ATTIC INSULATION OVER THE TOP OF THE INSULATED DUCTWORK, EXPOSED SPIRAL DUCTWORK, OR DUCTWORK LOCATED WITHIN A HEATED SPACE DOES NOT REQUIRE INSULATION. LINE ALL SUPPLY AND RETURN DUCTWORK WITH FIFTEEN (15) FEET OF SUPPLY FAN WITH 1/2" DUCT LINER TO REDUCE SOUND. ALL INSULATION MATERIALS TO HAVE A FLAME SPREAD RATING OF 25 OR LESS AND SMOKE DEVELOPMENT RATING OF 50 OR LESS AS TESTED BY ASTM E-84, UL-723, NFPA 90A-90-B.
15782 ROOF-TOP UNITS	<ol style="list-style-type: none"> THE OWNER SHALL FURNISH AND GENERAL CONTRACTOR SHALL INSTALL PACKAGED ROOF-TOP UNIT(S) AS SHOWN AND SCHEDULED. THE UNIT(S) SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, AND SHALL PERFORM AT THE CONDITIONS SCHEDULED. THE MECHANICAL CONTRACTOR SHALL PROVIDE TWO (2) SETS OF FILTERS FOR EACH UNIT AND SHALL BE RESPONSIBLE FOR CHANGING FILTERS WITHIN TWO (2) WEEKS OF START-UP. THE MECHANICAL CONTRACTOR SHALL PROVIDE A SINGLE POWER SOURCE CONNECTION DISCONNECT AND A 15 AMP DUPLEX, WEATHERPROOF CONVENIENCE OUTLET BOX FOR EACH ROOF TOP UNIT INSTALLED.
15783 CONDENSATE AND COOLER DRAINS	<ol style="list-style-type: none"> PIPING SHALL BE TYPE "M" HARD DRAWN COPPER FOR LINES 1" AND SMALLER, "DWR" HARD DRAWN COPPER FOR 1-1/4" AND LARGER. ALL PIPING SHALL CONFORM TO ASTM B88-72. FITTINGS SHALL WROUGHT COPPER, DRAINAGE TYPE FOR LINES 1-1/4" AND LARGER. SOLDER WITH 50/50 SOLDER.

SECTION	MECHANICAL SPECIFICATIONS
15853 POWERED VENTILATORS	<ol style="list-style-type: none"> THE MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL VENTILATOR(S) AND/OR EXHAUST FAN(S) AS SHOWN AND SCHEDULED. THE UNIT(S) SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, AND SHALL PERFORM AT THE CONDITIONS SCHEDULED. INSTALL VENTILATOR(S) AND/OR EXHAUST FAN(S) WITH CLEARANCES FOR SERVICE AND MAINTENANCE. THE MECHANICAL CONTRACTOR SHALL PROVIDE ONE (1) BACKDRAFT DAMPER FOR EACH VENTILATOR AND/OR EXHAUST FAN, OR SHALL VERIFY A BACKDRAFT DAMPER HAS BEEN FACTORY INSTALLED. THE MECHANICAL CONTRACTOR SHALL ADJUST DAMPER LINKAGES FOR PROPER OPERATION.
15891 METAL DUCTWORK SYSTEMS	<ol style="list-style-type: none"> ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN COMPLIANCE WITH THE 2017 6TH ED. FLORIDA MECHANICAL CODE (F.M.C.) CHAPTER 6, AND SMACNA HVAC DUCT CONSTRUCTION STANDARDS. ALL DUCTWORK SHALL BE SEALED AND INSULATED IN ACCORDANCE WITH ASHRAE 90.1 2013. ROUND FLEX DUCT SHALL BE USED FOR DIFFUSER-GRILL CONNECTIONS ABOVE LAY-IN CEILINGS. FLEXDUCT MAY BE USED IN OTHER AREAS WHERE THE DUCT AND GRILLE ARE PERMANENTLY AND REASONABLY ACCESSIBLE. THE DUCTWORK SHALL BE PRE-LINED WITH 1" INSULATION. PERFORMANCE OF FLEXIBLE DUCT SHALL MEET OR EXCEED THE RIGID DUCTWORK. FLEXIBLE DUCTWORK ABOVE CEILINGS SHALL BE THERMAFLEX "M-KE" WITH ONE INCH EXTERNAL INSULATION. PAINT ALL DUCTWORK, TURNING VANES, INSULATION ECT., THAT IS VISIBLE THROUGH GRILLES, REGISTERS, OR CEILING DIFFUSERS FLAT BLACK. TAPE ALL JOINTS IN SHEET METAL DUCTWORK WITH ARABOL AND CANVAS OR EQUAL ADHESIVE. FLEXIBLE CONNECTIONS SHALL BE 30 OUNCE, CLOSELY WOVEN, NEOPRENE COATED GLASS FABRIC THAT IS FIRE RETARDANT, WEATHERPROOF AND AIRTIGHT, A MINIMUM OF 6" WIDTH. FABRICATE ALL SHEET METAL DUCTS OF PRIME GRADE, LOCKING FORMING QUALITY GALVANIZED STEEL SHEETS USING GAUGES OF METAL AND REINFORCING BETWEEN JOINTS AS FOLLOWS <ol style="list-style-type: none"> 12" AND SMALLER (LONGEST SIDE)-24 GAUGE 13"-18" (LONGEST SIDE) - 24 GAUGE. 19"-30" (LONGEST SIDE) - 24 GAUGE, WITH 1"x1"x1/8" ANGLES AT 5 FT. ON CENTER 31"-42" (LONGEST SIDE) - 22 GAUGE, WITH 1"x1"x1/8" ANGLES AT 5 FT. ON CENTER DUCT LINER SHALL HAVE A FLAME SPREAD AND SMOKE DEVELOPMENT 25 OR LESS AND 50 OR LESS WHEN TESTED BY ASTM E-84 (NFPA 255) METHOD.
15910 DUCT ACCESSORIES	<ol style="list-style-type: none"> THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING VOLUME DAMPERS, TURNING VANES, ACCESS DOORS, VIBRATION ISOLATORS, ETC. THE ACCESSORIES SHALL BE INSTALLED IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS.
15975 TEMPERATURE CONTROLS	<ol style="list-style-type: none"> THE OWNER SHALL FURNISH OR CONTRACT A TEMPERATURE CONTROL CONTRACTOR TO FURNISH ALL MOTORS, DRIVES, CONTROLLERS INTEGRAL TO THE MECHANICAL EQUIPMENT SYSTEM, AND FACTORY MOUNTED CONTROLS FOR ALL MECHANICAL EQUIPMENT. THE MECHANICAL CONTRACTOR OR CONTRACTED TEMPERATURE CONTROL CONTRACTOR SHALL FURNISH AND INSTALL ALL SWITCHES, FIRE STATS, FREEZE STATS, THERMOSTATS, TIMERS, CONTROL CABINETS, AND OTHER SPECIALIZED EQUIPMENT PERTAINING TO MECHANICAL CONTROL. THE ROOF MOUNTED HEAT-PUMP, TAG HP-1, SHALL BE CONTROLLED BY A REMOTE TEMPERATURE SENSOR LOCATED IN THE RETURN AIR DUCT AND AN ELECTRIC THERMOSTAT. <ol style="list-style-type: none"> THE TEMPERATURE CONTROLS SHALL BE ELECTRIC, 7-DAY PROGRAMMABLE, WITH FUNCTION: AUTO, MANUAL, AND FAN ONLY, UNLESS SPECIFICALLY REQUESTED BY THE GENERAL CONTRACTOR AND OWNER, AND SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR OR CONTRACTED TEMPERATURE CONTROL CONTRACTOR. PROVIDE A HUMIDITY SENSOR IN THE RETURN AIR CONNECTED TO THE CONTROLLER FOR MONITORING HUMIDITY. ALL CONTROL WIRING SHALL BE IN CONDUIT. CONDUIT SHALL BE PROVIDED THE ELECTRICAL CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR LOCATION FOR CONDUITS. THE CONTRACTOR RESPONSIBLE TO INSTALL THE CONTROLS SHALL BE RESPONSIBLE TO PULL THE CONTROL WIRE. THE ROOF TOP UNIT SHALL UTILIZE TEMPERATURE CONTROL SYSTEM FURNISHED AS PART OF THE UNIT, OR SPECIFIED TO BE PROVIDED AS OPTIONS OR ACCESSORIES BY THE MANUFACTURER BY OF THE UNIT. ALL WIRING WILL BE DONE IN ACCORDANCE WITH APPROVED SHOP DRAWINGS FURNISHED BY THE MANUFACTURER. THE ROOF-MOUNTED HEAT PUMP, HP-2, SHALL BE CONTROLLED BY A REMOTE TEMPERATURE SENSOR LOCATED IN THE RETURN AIR DUCT AND AN ELECTRIC THERMOSTAT. <ol style="list-style-type: none"> THE TEMPERATURE CONTROLS SHALL BE ELECTRIC, 7-DAY PROGRAMMABLE, WITH FUNCTIONS: AUTO, MANUAL, AND FAN ONLY, UNLESS SPECIFICALLY REQUESTED BY THE GENERAL CONTRACTOR AND OWNER, AND SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR OR CONTRACTED TEMPERATURE CONTROL CONTRACTOR. THE ROOF TOP UNIT SHALL ALL UTILIZE TEMPERATURE CONTROL SYSTEMS FURNISHED AS PART OF THE UNIT, OR SPECIFIED TO BE PROVIDED AS OPTIONS OR ACCESSORIES BY THE MANUFACTURER BY OF THE UNIT(S). ALL WIRING WILL BE DONE IN ACCORDANCE WITH APPROVED SHOP DRAWINGS FURNISHED BY THE MANUFACTURER. ELECTRICAL WIRING: ALL WIRING AND STARTERS ARE INCLUDED IN THE ELECTRICAL DIVISION OF THIS PROJECT, BUT ALL CONTROLS, RELAYS, ETC., ARE INCLUDED UNDER THIS DIVISION. ROOM THERMOSTATS AND CONTROL SWITCHES SHALL BE LOCATED AS SHOWN OR DIRECTED, AND ALL CONTROLS, RELAYS, STARTERS AND WIRING SHALL CONFORM TO THE CURRENTLY ENFORCED VERSION OF THE NATIONAL ELECTRICAL CODE (NEC). ALL CONTROLS SHALL BE FURNISHED AND PROPERLY IDENTIFIED, WITH INSTRUCTIONS FOR PROPER ELECTRICAL CONNECTIONS. RESPONSIBILITY FOR PROPER CONNECTIONS AND OPERATION IS INCLUDED HEREIN.
15990 TESTING, ADJUSTING, AND BALANCING	<ol style="list-style-type: none"> THE MECHANICAL CONTRACTOR SHALL SUBCONTRACT AN AIR BALANCER TO BALANCE THE SYSTEMS DESCRIBED BELOW. THE BALANCING SHALL BE COMPLETED BY AN INDEPENDENT AIR BALANCER WHO IS NOT AN EMPLOYEE OF THE MECHANICAL CONTRACTOR. THE BALANCING SHALL BE DONE BY A QUALIFIED AIR BALANCER THAT HAS AT LEAST (3) YEARS OF DOCUMENTED AIR BALANCING EXPERIENCE. PER COMPLIANCE WITH ASHRAE 90.1 2013, THE BALANCER SHALL SUBMIT AN AIR BALANCE REPORT TO THE ENGINEER AND CITY INSPECTOR. THE BALANCE REPORT SHALL SHOW PROOF THAT THE SYSTEM HAS BEEN BALANCED TO +/- 10% OF THE DESIGNED AIRFLOW. IT IS THE MECHANICAL CONTRACTOR AND AIR BALANCER'S DUTY TO PROVIDE ACCURATE DATA, SO AREAS OF INCORRECT FLOW MAY BE DISCLOSED TO THE ENGINEER, INSPECTOR, AND OWNER. ALL AIRSIDE SYSTEMS, COMPONENTS, ETC. INCLUDING SUPPLY, RETURN, OUTDOOR, AND EXHAUST AIR SYSTEMS SHALL BE BALANCED. THE BALANCER SHALL PROVIDE SHEAVES AND BELTS AS NEEDED TO PROPERLY BALANCE EQUIPMENT TO +/- 10% OF THE DESIGNED AIRFLOWS. ALL DIFFUSERS, REGISTERS, GRILLES, AND LOUVERS SHALL BE INDIVIDUALLY BALANCED AND LISTED IN THE BALANCE REPORT. ALL AIRSIDE EQUIPMENT, SUPPLY, RETURN, AND OUTDOOR AIR FLOWRATES SHALL BE LISTED IN THE BALANCE REPORT.

CLIENT:

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DESIGN TEAM TITLE:

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engineering • environmental • construction
 1055 KATHLEEN ROAD, LAKELAND, FL 33850
 Phone: (863) 646-9130
 FL, CA, #4897

NO. DATE REVISION DESCRIPTION

6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:

NEW CONVENIENCE STORE

7822 NORTH DAVIS HIGHWAY, PENSACOLA, FLORIDA 32514

SCALE: AS NOTED MDM JOB # 18012

DATE: 03-16-2021

DESIGNED BY: PH

DRAWN BY: PH FILE NAME: M1.3.DWG

CHECKED BY:

DRAWING TITLE:

MECHANICAL SPECIFICATIONS

SHEET NO.:

M1.3

ISSUED FOR BID 03/08/2024

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 757 Beal Parkway NW
 Fort Walton Beach, FL 32547
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 FL, CA, #4857

NO. DATE REVISION DESCRIPTION

6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:

NEW CONVENIENCE STORE

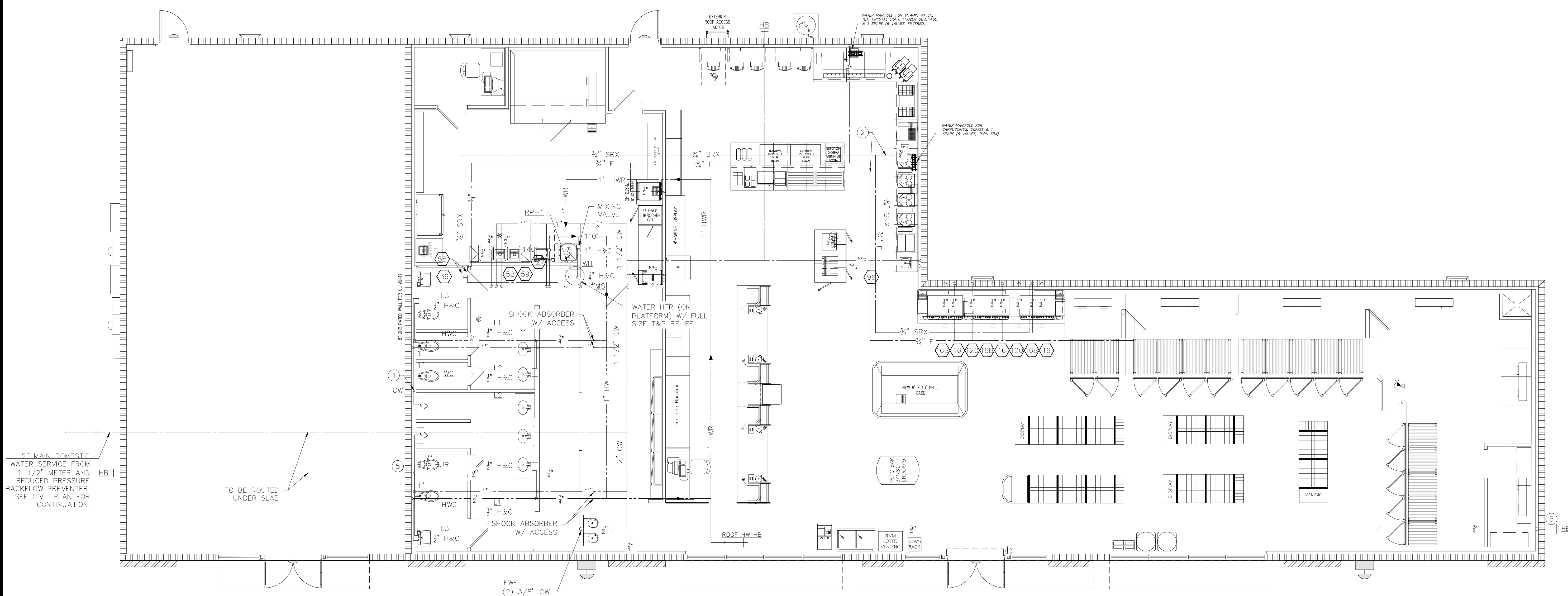
7822 NORTH DAVIS HIGHWAY, PENSACOLA, FLORIDA 32514

SCALE: AS NOTED MDM JOB # 18012

DATE: 03-16-2021
 DESIGNED BY: PH
 DRAWN BY: PH
 CHECKED BY: PH

DRAWING TITLE:
WATER SUPPLY FLOOR PLAN

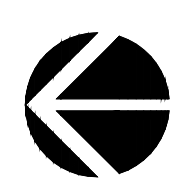
SHEET NO.:
P1.1.2



2" MAIN DOMESTIC WATER SERVICE FROM 1-1/2" METER AND REDUCED PRESSURE BACKFLOW PREVENTER. SEE CIVIL PLAN FOR CONTINUATION.

TO BE ROUTED UNDER SLAB

WATER SUPPLY FLOOR PLAN
 3/16" = 1'-0"



PLUMBING SYMBOL LIST			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
---	SOIL WASTE LINE (W)	---	SHUT OFF VALVE (GATE)
---	VENT LINE (V)	---	CHECK VALVE
---	COLD WATER (C.W.)	---	UNION
---	HOT WATER (H.W.)	---	LUBRICATED PLUG VALVE
---	HOT WATER RETURN	---	HOSE BIBB (H.B.)
---	GAS LINE	---	BRANCH RISE OFF MAIN
---	TEMPERED WATER	---	S.C.O.
---	DRAIN LINE	---	F.C.O.
---	BUILDING SEWER	---	FLOOR CLEANOUT
---	FLOOR DRAIN (F.D.)	---	GLOBE VALVE
---	FLOOR SINK (F.S.)	---	BALL VALVE
---	ROOF DRAIN (R.D.)	---	R.D.L.
---	OVER FLOW DRAIN	---	O.D.L.
---	WALL CLEANOUT	---	CONDENSATE DRAIN LINE
---	POINT OF CONNECTION	---	INDUSTRIAL COLD WATER
---		---	BACKWATER VALVE

NOTE: ONLY THOSE SYMBOLS SHOWN ON THE DRAWING APPLY

PLUMBING ABBREVIATIONS	
SYMBOL	DESCRIPTION
SAN	SANITARY WASTE
GW	GREASE WASTE
HW	HOT WATER
CW	COLD WATER
HWR	HOT WATER RETURN

KITCHEN EQUIPMENT LIST	
16	FOUNTAIN DRINK DISPENSER
17	ICE MAKER
17	FROZEN BEVERAGE
27	SMOOTHIE DISPENSER
29	COFFEE BREWER
30	CAPUCCINO MACHINE
35	FROZEN BEVERAGE BLENDER
36	ICE MAKER & BIN
52	WATER FILTER SYSTEM
58	BACKFLOW PREVENTOR
59	3-COMPARTMENT SINK
64	COFFEE (THERMOPLAN)
98	BUILT-IN HAND SINK
98	FLOOR SINK
103	MULTIPLY CHILLER
103	TEA DISPENSER
24	VITAMIN WATER
27	HAND SINK

KEYED NOTES

- MAIN WATER SUPPLY LINE UP IN WALL TO ABOVE CEILING. COORDINATE EXACT LOCATION.
- FILTERED WATER ABOVE CEILING.
- SHUT-OFF (BALL VALVE) ABOVE CEILING. PROVIDE ACCESS (TYPICAL).
- 1/2" CW DOWN IN WALL AND TURN-OUT TO EXTERIOR. 1/2" CW TO STUB-OUT FOR WATER MACHINE.
- 3/4" CW DOWN IN WALL TO HB.

NOTE:
 ALL BEVERAGE EQUIPMENT TO HAVE INDIVIDUAL ASSE 1022 BACKFLOWS WITH ATMOSPHERIC VENTS INSTALLED AND PIPED TO NEAREST WASTE RECEPTOR.
 ASSE 1022 BACKFLOW DEVICE = WATTS MODEL S03

WATER SUPPLY CALCULATIONS			
FIXTURE	QUANTITY	WSFU VALUE	WSFU TOTAL
LAVATORIES	6	4	24
HAND SINKS	3	4	12
WATER CLOSETS	4	35	140
URINALS	2	35	70
WATER FOUNTAIN	2	2	4
ICE MAKER	4	2	8
MOP SINKS	1	3	3
3' COMP SINK-FLOOR SINK	1	4	4
HOSE BIB	4	6	18
TOTAL			283
WSFU CONVERSION TO GPM PER AWWA FIGURE 4-2			70
TOTAL DEMAND GPM			70

ISSUED FOR BID 03/08/2024

KITCHEN EQUIPMENT LIST (XX)

- (16) FOUNTAIN DRINK DISPENSER
- (17) FROZEN BEVERAGE DISPENSER
- (29) COFFEE BREWER
- (30) CAPUCCINO MACHINE
- (36) ICE MAKER & BIN
- (52) WATER FILTER SYSTEM
- (59) BACKFLOW PREVENTER
- (59) 3-COMPARTMENT SINK
- (98) HAND SINK
- (98) FLOOR SINK
- (104) TEA DISPENSER
- (105) MULTIPLEX CHILLER
- (23) VITAMIN WATER

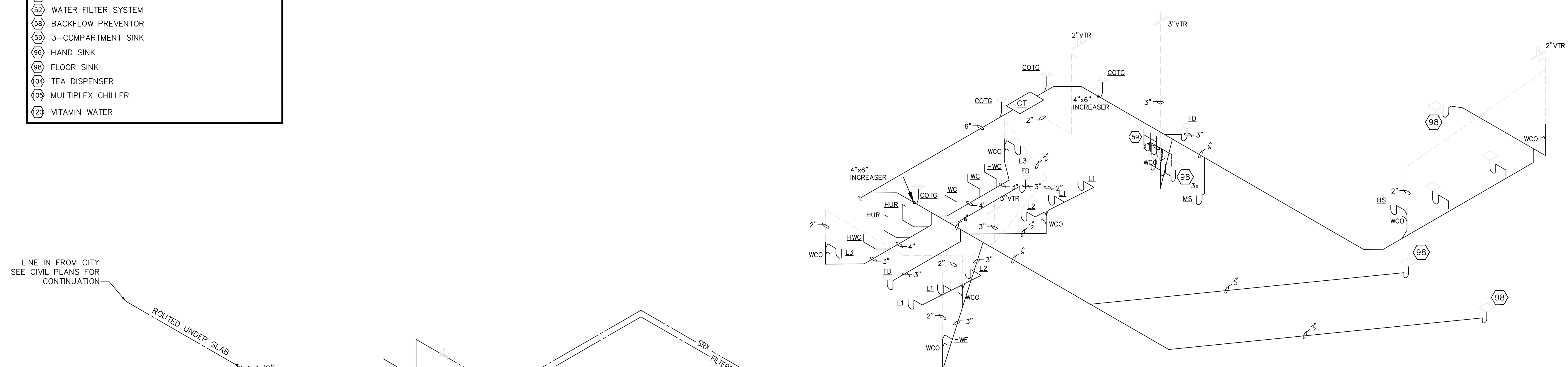
NOTES:

1. PROVIDE IAPMO APPROVED BACKFLOW PREVENTER IN-LINE TO EACH "NON-CARBONATED" KITCHEN BEVERAGES EQUIPMENT.
2. PROVIDE IAPMO APPROVED REDUCED PRESSURE BACKFLOW PREVENTER TO EACH "CARBONATED" KITCHEN BEVERAGES EQUIPMENT (STAINLESS STEEL)
3. BEVERAGES LINES OF "CARBONATORS" SHALL NOT HAVE ANY COPPER LINES DOWNSTREAM OF REDUCED PRESSURE BACKFLOW PREVENTER.
4. BACKFLOW PREVENTERS SHALL HAVE PROPER DRAINS AND ACCESSIBLE FOR MAINTENANCE.

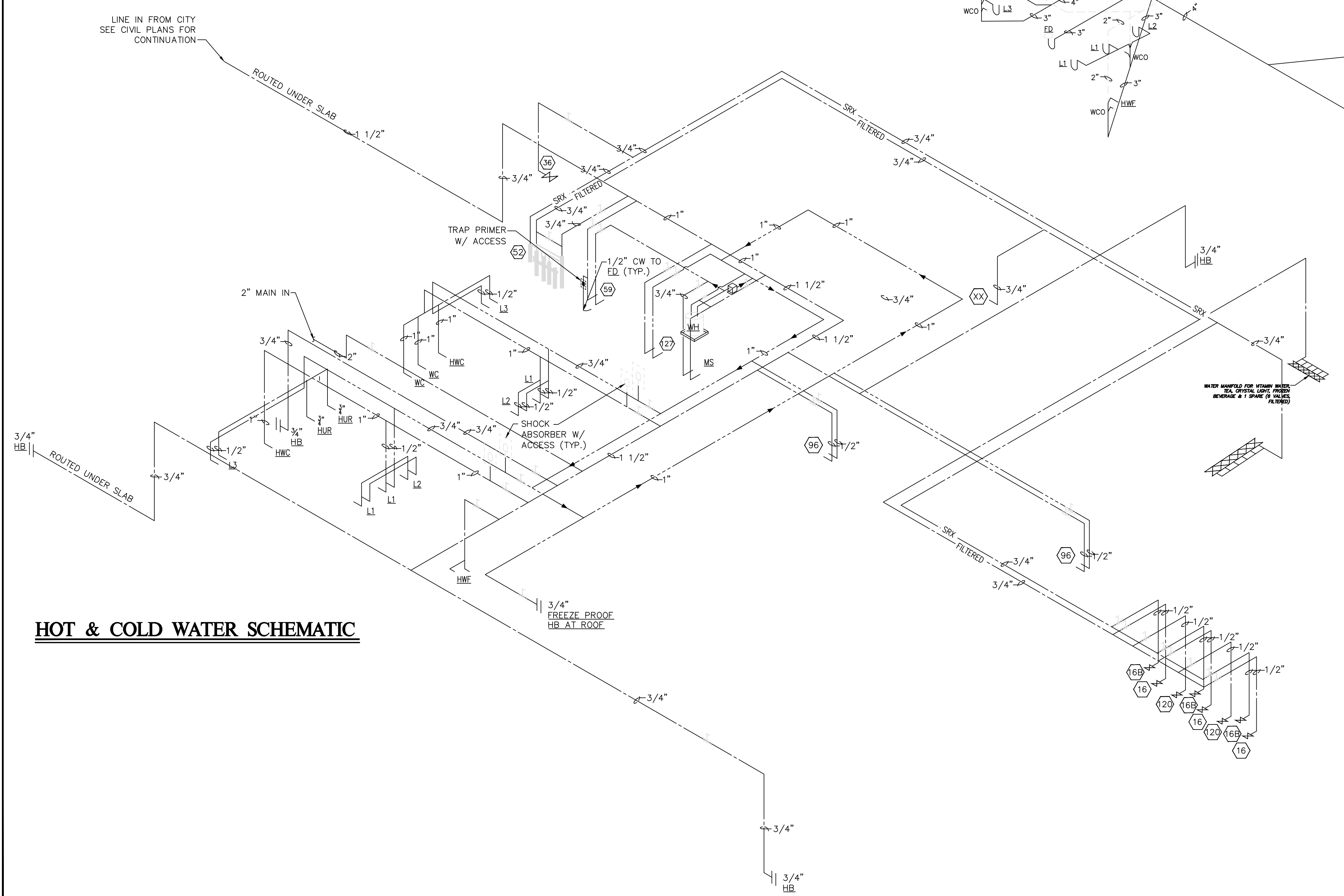
CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 757 Beal Parkway NW
 Fort Walton Beach, FL 32547
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN ROAD, LAKELAND, FL 33855
 Phone: (863) 646-9130
 FL, CA, #4857

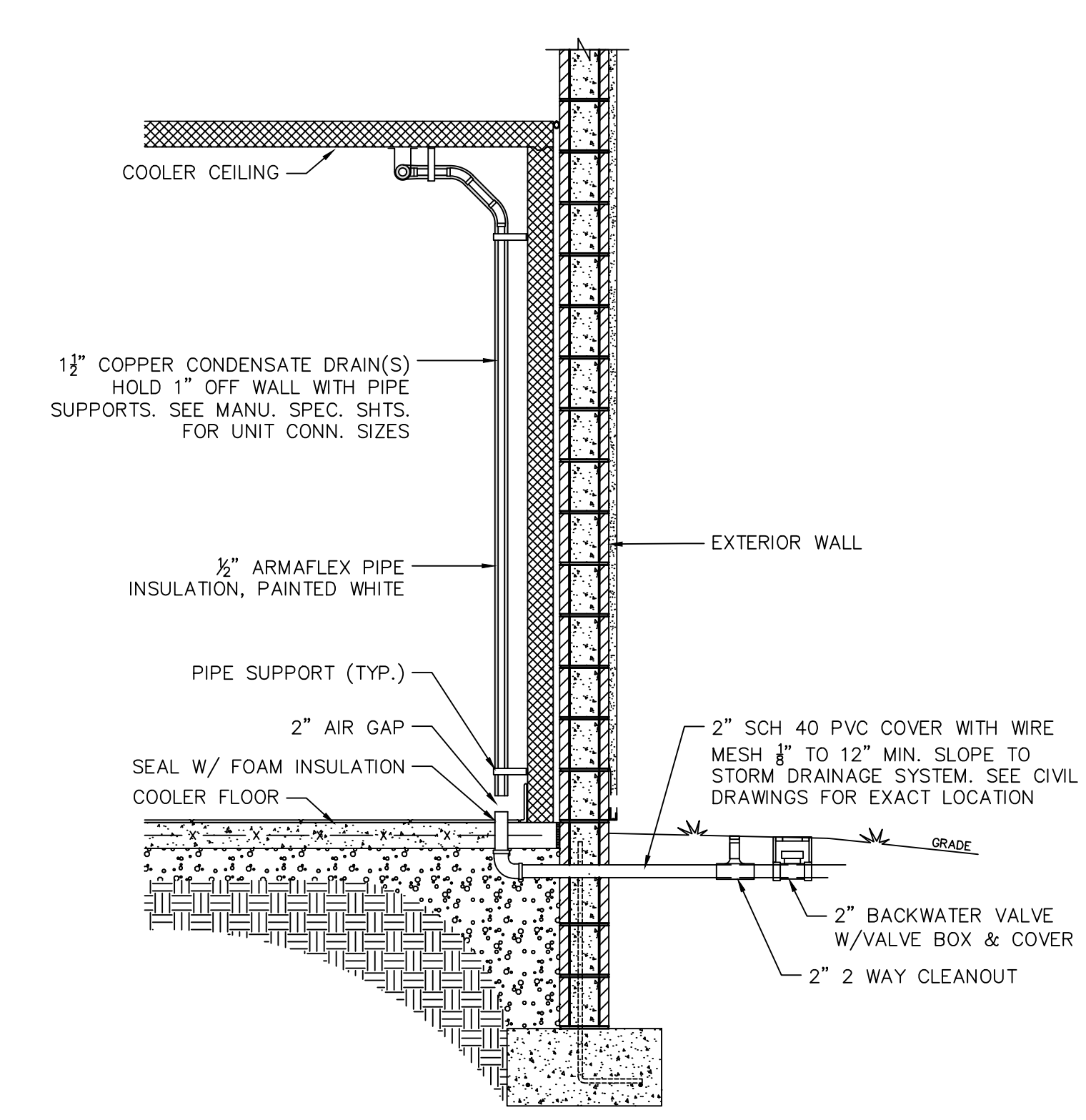
NO.	DATE	REVISION DESCRIPTION



WASTE & VENT SCHEMATIC



HOT & COLD WATER SCHEMATIC



CONDENSATE DRAIN DETAIL
 SCALE: 3/4" = 1'-0"

6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
 7822 NORTH DAVIS HIGHWAY
 PENSACOLA, FLORIDA 32514

SCALE: AS NOTED MDM JOB # 18012
 DATE: 03-16-2021
 DESIGNED BY: PH
 DRAWN BY: PH FILE NAME: 1418012.P1.2.DWG
 CHECKED BY: PH

DRAWING TITLE:
PLUMBING SCHEMATIC

SHEET NO.:
P1.2

ISSUED FOR BID 03/08/2024

LIGHTING FIXTURE SCHEDULE		ALL LIGHTING FIXTURES ARE SUPPLIED BY OWNER, INSTALLED BY THE ELECTRICAL CONTRACTOR.				
TYPE	MANUFACTURER CATALOG NO.	LAMP	FIXTURE WATTAGE	VOLTS	DESCRIPTION	REMARKS
A	LSI LPEC24 LED 40L UNV DIM1 40U	LED	41.9	120	2 x 4 LED TROFFER	
B	LSI LPEC24 LED 40L UNV DIM1 40 EM10 U	LED	41.9	120	2 x 4 LED TROFFER W/BATTERY BACK-UP	
C	LSI LAD6 LED 25L UNV DIM1 40 WF TR6R 5F HAZ	LED	30	120	LED DOWN LIGHT	
D	CONTECH CYL64-40K-MVD-UD-X-MCLR-WCLR-BZ	LED	28	120	6" LED UP/DOWN LIGHT RATED FOR WET LOCATIONS	
E	LSI EG3 4 LED 6L DA S UNV DIM 50 80	LED	64	120	LED SURFACE MOUNT LIGHT FIXTURE RATED FOR WET LOCATIONS	BEER CAVE, WALK-IN COOLER & FREEZER
F	LSI SDL4 LED 40L FL UNV DIM1 40 80CRI	LED	64	120	LED SURFACE MOUNT LIGHT FIXTURE	REST ROOMS
G	LSI SDL4 LED 40L FL UNV DIM1 40 80CRI EM10	LED	50	120	LED SURFACE MOUNT LIGHT FIXTURE W/BATTERY BACK-UP	REST ROOMS
H	LITON DL36R - WHITE	LED	34	120	6" ROUND LED AWNING LIGHT RATED FOR WET LOCATIONS	
I	NOT USED					
J	LSI XWM FT LED 06L 50 - BRONZE	LED	68	120	LED WALL PACK RATED FOR WET LOCATIONS	
K	LSI EAR LED UNV SD WHT RC	LED	-	120/277	WHITE EMERGENCY LIGHT UNIT WITH BATTERY BACK-UP	
L	LSI EMS LED R UNV BB WHT	LED	-	120/277	WHITE EXIT SIGN WITH BATTERY BACK-UP	
M	LSI LPRX R U WH LD11	LED	-	120/277	WHITE EMERGENCY LIGHT/EXIT COMBO WITH BATTERY BACK-UP RATED FOR DAMP AND COLD LOCATIONS	BEER CAVE
N	DUAL-LITE PGZ	LED	15	120	BRONZE LED SECURITY LIGHT WITH BATTERY BACK-UP RATED FOR DAMP LOCATIONS	OVER EXTERIOR DOORS

NOTE:
FIXTURES WITH BATTERY BACK-UP MUST BE RATED FOR MIN. 90 MINUTES.

CONTACT FOR LIGHTING PACKAGE PRICING:
Chris East
Lucas Ford Associates
christ@lfa.net
(772) 215-3342

REFERENCES & ABBREVIATIONS

	LIGHTING FIXTURE DESIGNATION	(ER)	EXISTING TO BE REMOVED
	DETAIL REFERENCE	FLA	FULL LOAD AMPS
	KEYNOTE REFERENCE	G	GROUND
	KITCHEN EQUIPMENT DESIGNATION	GF(C)/GFI	GROUND FAULT CIRCUIT INTERRUPTER
A	AMPS	MCB	MAIN CIRCUIT BREAKER
AC	ABOVE COUNTER	MLO	MAIN LUGS ONLY
AFF	ABOVE FINISH FLOOR	NL	NIGHT LIGHT
C	CONDUIT	OC	ON CENTER
CO	CONDUIT ONLY W/PULL ROPE	TMB	TELEPHONE MOUNTING BOARD
CU	COPPER	UON	UNLESS OTHERWISE NOTED
(E)	EXISTING TO REMAIN	V	VOLTS
EM	EMERGENCY	VL	VERIFY LOCATION
HM	HORIZONTAL MOUNT RECEPTACLE	WP	WEATHER PROOF
		FSA	FIRE ANNUNCIATOR PANEL

OWNER SUPPLIED ITEMS

- "CPI" SWITCHGEAR (MAIN/MTS, SECTION #1, #2 & #3.)
- "CPI" PANEL CW WITH LIGHTING CONTROLS
- "CPI" LOW VOLTAGE DISP. EQUIPMENT DISC. PANEL(S)
- "CPI" CASHIER CONTROL BOX
- EXTERIOR E-STOP BUTTONS
- INTERIOR LIGHT FIXTURES AND LAMPS
- EXTERIOR LIGHT FIXTURES, LAMPS & LIGHT POLES
- HAND DRYERS
- VEEDER-ROOT EQUIPMENT
- INTERCOM EQUIPMENT
- GAS EQUIPMENT

ELECTRICAL SYMBOLS LIST

	VIDEO OUTLET WITH "F" TYPE CONNECTOR MOUNTED AT +18" A.F.F.. PROVIDE 3/4" CONDUIT STUBBED TO ACCESSIBLE CEILING SPACE ABOVE.
	VIDEO OUTLET MOUNTED FLUSH IN FLOOR. PROVIDE 3/4" C.O. TO NEAREST WALL AND STUB INTO ACCESSIBLE CEILING SPACE.
	AUDIO VIDEO FLOOR BOX WIRE-MOLD - FS 880 OMNI-BOX ; RS RFB2 (OR EQUAL)
	CAMERA OUTLET.
	HOMERUN TO DESTINATION AS INDICATED.
	INDICATES CONDUIT DROP WITHIN BUILDING WALL.
	INDICATES CONDUIT RISER WITHIN BUILDING WALL.
	FLEXIBLE CONDUIT CONNECTION FROM JUNCTION BOX.
	SURFACE MOUNTED LED STRIP LIGHTING FIXTURE. "EM" AND/OR SHADED CONNECTION POINT INDICATES FIXTURE WITH EMERGENCY BATTERY PACK (MINIMUM 1100 LUMEN OUTPUT). "NL" INDICATES FIXTURE ON NIGHT LIGHT CIRCUIT.
	STANDARD 20A, 120/277V-1P SPST TOGGLE SWITCH MOUNTED AT +48" A.F.F.-U.O.N.
	o,b - DENOTES TWO SWITCHES AND THEIR RESPECTIVE CONTROL IDENTIFICATION.
	3 - DENOTES 3-WAY SWITCH
	φ - DENOTES - 120V. - 1P (AS NOTED) SLIDING TYPE DIMMER SWITCH - LUTRON "NOVA-T" SERIES OR APPROVED EQUAL, PROVIDE SEPARATE NEUTRAL FOR EACH DIMMER AND DIMMER RACK CIRCUIT.
	\$ _T 20A, 120V, 60 MINUTE TIMER SWITCH, INTERMATIC #FD460M, MOUNTED AT +48" A.F.F.-U.O.N.
	\$ _{OS} 20A, 120V, WALL MOUNTED OCCUPANCY SENSOR, SQ-D #SLSPWS1277UW
	\$ _{CA} 20A, 120V, CEILING MOUNTED OCCUPANCY SENSOR, SQ-D #SLSCPS1000 PLUS POWER PACK #SLSP1277
	\$ _L LOCKABLE 20A, 120/277V-1P SPST TOGGLE SWITCH

NOTE: ALL RECEPTACLE COVERS TO BE STAINLESS STEEL

ELECTRICAL SYMBOLS LIST

	STANDARD 20A, 120V-1P GROUNDING TYPE SIMPLEX RECEPTACLE MOUNTED AT +18" A.F.F. - U.O.N.
	STANDARD 20A, 120V-1P GROUNDING TYPE DUPLEX RECEPTACLE MOUNTED AT +18" A.F.F. - U.O.N.
	STANDARD 20A, 120V-1P GROUNDING TYPE DUPLEX RECEPTACLE HALF SWITCHED MOUNTED AT +18" A.F.F. - U.O.N.
	STANDARD 20A, 120V-1P GROUNDING TYPE FOUR-PLEX RECEPTACLE MOUNTED AT +18" A.F.F. - U.O.N.
	STANDARD 20A, 120V-1P GROUNDING TYPE "GROUND FAULT INTERRUPTER" (G.F.I.) RECEPTACLE MOUNTED AT +18" A.F.F. - U.O.N.
	STANDARD 20A, 120V-1P ISOLATED GROUND TYPE DUPLEX RECEPTACLE, ORANGE IN COLOR, MOUNTED AT +18" A.F.F. - U.O.N.
	STANDARD 20A, 120V-1P GROUNDING TYPE DUPLEX RECEPTACLE MOUNTED WITHIN FLUSH FLOOR OUTLET BOX W/STAINLESS STEEL COVER.
	STANDARD 20A, 120V-1P GROUNDING TYPE FOUR-PLEX RECEPTACLE MOUNTED WITHIN FLUSH FLOOR OUTLET BOX W/STAINLESS STEEL COVER.
	SPECIAL RECEPTACLE MOUNTED AT +18" A.F.F. - U.O.N.. AMPS - VOLTS & PHASE AS INDICATED ON PLANS. VERIFY NEMA CONFIGURATION WITH INSTALLED EQUIPMENT SUPPLIER PRIOR TO PLACING ORDER.
	STANDARD 20A, 120V-1P ISOLATED GROUND TYPE FOUR-PLEX RECEPTACLE, ORANGE IN COLOR, MOUNTED AT +18" A.F.F. - U.O.N.
	HOSPITAL GRADE 20A, 120V-1P GROUNDING TYPE DUPLEX RECEPTACLE, RED IN COLOR, ON EMERGENCY CIRCUIT MOUNTED AT +18" A.F.F. - U.O.N.
	SWITCHED OR DIMMED (AS NOTED) SIMPLEX 120V RECEPTACLE MOUNTED AT +18" A.F.F. - U.O.N.
	STANDARD 15A, 120V-1P SIMPLEX CLOCK RECEPTACLE.
	POWER CONNECTION TO ELECTRIFIED PARTITION (AS PROVIDED BY OTHERS). PROVIDE 1" FLEXIBLE CONDUIT CONNECTION PER MANUFACTURER'S REQUIREMENTS. THE CONTRACTOR SHALL VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS WITH INSTALLED EQUIPMENT MANUFACTURER PRIOR TO ANY ROUGH-IN. NUMBER IN PARENTHESIS DENOTES NUMBER OF 20A-120V DUPLEX RECEPTACLES IN FURNITURE SYSTEM TO BE CONNECTED TO CIRCUITS AS SHOWN. PROVIDE A MINIMUM 16' HARNESS.
	FLOOR BOX FOR CONNECTION TO ELECTRIFIED PARTITION (AS PROVIDED BY OTHERS). PROVIDE 1" FLEXIBLE CONDUIT CONNECTION PER MANUFACTURER'S REQUIREMENTS. THE CONTRACTOR SHALL VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS WITH INSTALLED EQUIPMENT MANUFACTURER PRIOR TO ANY ROUGH-IN. NUMBER IN PARENTHESIS DENOTES NUMBER OF 20A-120V DUPLEX RECEPTACLES IN FURNITURE SYSTEM TO BE CONNECTED TO CIRCUITS AS SHOWN. PROVIDE A MINIMUM 16' HARNESS. FLOOR BOX DEVICE: WIRE-MOLD - RFB2-S38PPTCOX (OR EQUAL).
	POKE-THRU DEVICE FOR CONNECTION TO ELECTRIFIED PARTITION (AS PROVIDED BY OTHERS). PROVIDE 1" FLEXIBLE CONDUIT CONNECTION PER MANUFACTURER'S REQUIREMENTS. THE CONTRACTOR SHALL VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS WITH INSTALLED EQUIPMENT MANUFACTURER PRIOR TO ANY ROUGH-IN. NUMBER IN PARENTHESIS DENOTES NUMBER OF 20A-120V DUPLEX RECEPTACLES IN FURNITURE SYSTEM TO BE CONNECTED TO CIRCUITS AS SHOWN. PROVIDE A MINIMUM 16' HARNESS. POKE-THRU DEVICE: WIRE-MOLD - 4FFATC (POWER AND DATA 3/4", 1/4") - R3SM2 (DATA ONLY - 2") OR EQUAL.
	POKE-THRU DEVICE WIRE-MOLD - RC4 OR RC3 (OR EQUAL). POWER AND DATA DEVICE.
	JUNCTION BOX. SIZED BY THE CONTRACTOR PER ACTUAL NUMBER OF CONDUITS AND/OR CONDUCTORS PASSING THRU.
	FLOOR MOUNTED JUNCTION BOX. SIZED BY THE CONTRACTOR PER ACTUAL NUMBER OF CONDUITS AND/OR CONDUCTORS PASSING THRU.
	COMBINATION FLOOR BOX WIRE-MOLD - FS 880 OMNIBOX ; RS RFB2 OR RFB4 (OR EQUAL)
	SHOW WINDOW RECEPT. MOUNTED FLUSH ON CEILING. -U.O.N.
	STANDARD 20A, 120V-1P GROUNDING TYPE DUPLEX RECEPTACLE CEILING MOUNTED.
	FUSED DISCONNECT SWITCH. AMPS, POLES AND FUSE SIZE AS INDICATED. OPEN - INDICATES NON-FUSED W.P. - INDICATES NEMA 3R ENCLOSURE
	MAGNETIC MOTOR STARTER. POLES AND NEMA SIZE AS INDICATED. PROVIDE COMPLETE WITH THERMAL OVERLOAD PROTECTION PER MOTOR NAMEPLATE DATA, 120V CONTROL COIL - U.O.N., AND H.O.A. (HAND-OFF-AUTO) SWITCH. W.P. - INDICATES NEMA 3R ENCLOSURE
	COMBINATION DISCONNECT SWITCH/MAGNETIC MOTOR STARTER. AMPS, POLES, FUSE SIZE, AND NEMA SIZE AS INDICATED. PROVIDE COMPLETE WITH THERMAL OVERLOAD PROTECTION PER MOTOR NAMEPLATE DATA, 120V CONTROL COIL - U.O.N., AND H.O.A. (HAND-OFF-AUTO) SWITCH. W.P. - INDICATES NEMA 3R ENCLOSURE
	MANUAL MOTOR STARTER SWITCH. HORSEPOWER RATED-120V - 1P -U.O.N. PROVIDE COMPLETE WITH THERMAL OVERLOAD PROTECTION.
	MOTOR OUTLET. H.P. OR F.L.A. - VOLTS & PHASE AS INDICATED. VERIFY ELECTRICAL CHARACTERISTICS AND CONNECTION REQUIREMENTS WITH INSTALLED EQUIPMENT MFG. PRIOR TO ANY ROUGH-IN WORK.
	SERVICE ENTRANCE OR DISTRIBUTION EQUIPMENT AS SPECIFIED.
	BRANCH CIRCUIT PANELBOARD. FLUSH OR SURFACE MTD. AS INDICATED.
	TRANSFORMER AS SPECIFIED.
	TELEPHONE PLYWOOD BACKBOARD.
	THERMOSTAT FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. PROVIDE J-BOX AT +48" A.F.F. - U.O.N. PROVIDE 1/2" C.O. TO ASSOCIATED HVAC UNIT OR ACCESSIBLE CEILING SPACE.
	VOLUME CONTROL MOUNTED AT +48" AFF. PROVIDE SINGLE GANG BACK BOX WITH 3/4" RISER TO ACCESSIBLE CEILING SPACE ABOVE OR AS OTHERWISE INDICATED.
	TELEPHONE OUTLET MOUNTED AT +18" A.F.F. WITH (2) RJ45 PORTS - U.O.N.. PROVIDE 3/4" C.O. TO POINT ABOVE ACCESSIBLE CEILING SPACE OR AS OTHERWISE INDICATED. W - DENOTES WALL MOUNTED @ +48" A.F.F. U.O.N.
	DATA OUTLET MOUNTED AT +18" A.F.F. WITH (2) RJ45 PORTS - U.O.N.. PROVIDE 3/4" C.O. TO POINT ABOVE ACCESSIBLE CEILING SPACE OR AS OTHERWISE INDICATED. W - DENOTES WALL MOUNTED @ +48" A.F.F. U.O.N.
	COMBINATION TELE/DATA OUTLET MOUNTED AT +18" A.F.F. WITH (4) RJ45 - U.O.N.. PROVIDE (2) 3/4" C.O. TO POINT ABOVE ACCESSIBLE CEILING SPACE OR AS OTHERWISE INDICATED. W - DENOTES WALL MOUNTED @ +48" A.F.F. U.O.N.
	DATA OUTLET MOUNTED FLUSH IN FLOOR. PROVIDE 3/4" C.O. TO NEAREST WALL AND STUB INTO ACCESSIBLE CEILING SPACE.
	COMBINATION TELE/DATA OUTLET MOUNTED FLUSH IN FLOOR. PROVIDE 3/4" C.O. TO NEAREST WALL AND STUB INTO ACCESSIBLE CEILING SPACE.
	COMBINATION TELE/DATA OUTLET MOUNTED FLUSH IN CEILING. PROVIDE 3/4" C.O. TO NEAREST WALL AND STUB INTO ACCESSIBLE CEILING SPACE.
	INDICATES PHONE/DATA CONNECTION POINT TO ELECTRIFIED PARTITION. MULTI-PAIR CABLE CONNECTION TO BE EXPOSED BETWEEN FACE OF J-BOX AND GROMMET AT FURNITURE SYSTEM. THE CONTRACTOR SHALL VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS WITH INSTALLED EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN. PROVIDE (1) 2" C.O. TO POINT ABOVE ACCESSIBLE CEILING SPACE - VERIFY WITH PRE-WIRE INSTALLER PRIOR TO ANY ROUGH-IN WORK.
	INDICATES FLOOR MOUNTED PHONE/DATA CONNECTION POINT TO ELECTRIFIED PARTITION. MULTI-PAIR CABLE CONNECTION TO BE EXPOSED BETWEEN FACE OF J-BOX AND GROMMET AT FURNITURE SYSTEM. THE CONTRACTOR SHALL VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS WITH INSTALLED EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN. PROVIDE (1) 2" C.O. TO POINT ABOVE ACCESSIBLE CEILING SPACE - VERIFY WITH PRE-WIRE INSTALLER PRIOR TO ANY ROUGH-IN WORK.

CLIENT:

ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:

MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN ROAD, LAKELAND, FL 33853
Phone: (863) 646-9130
FL, CA #4857

NO. DATE REVISION DESCRIPTION

6,625 SQ. FT.
BUILDING

SITE DESIGNATIONS:

NEW
CONVENIENCE
STORE

7822 NORTH DAVIS
HIGHWAY
PENSACOLA, FLORIDA
32514

SCALE: AS NOTED MDM JOB # 18012

DATE: 03-16-2021

DESIGNED BY: PH

DRAWN BY: PH FILE NAME: 50 18012 03.16.2021

CHECKED BY:

DRAWING TITLE:

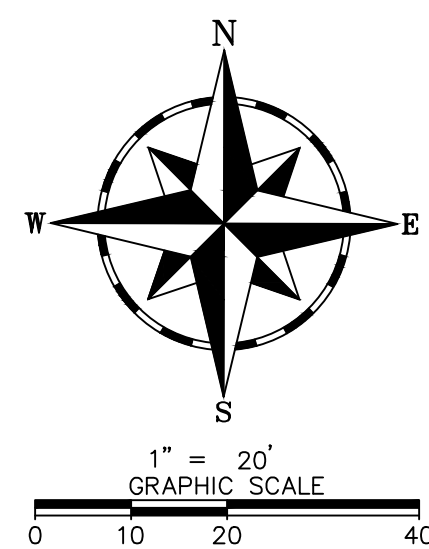
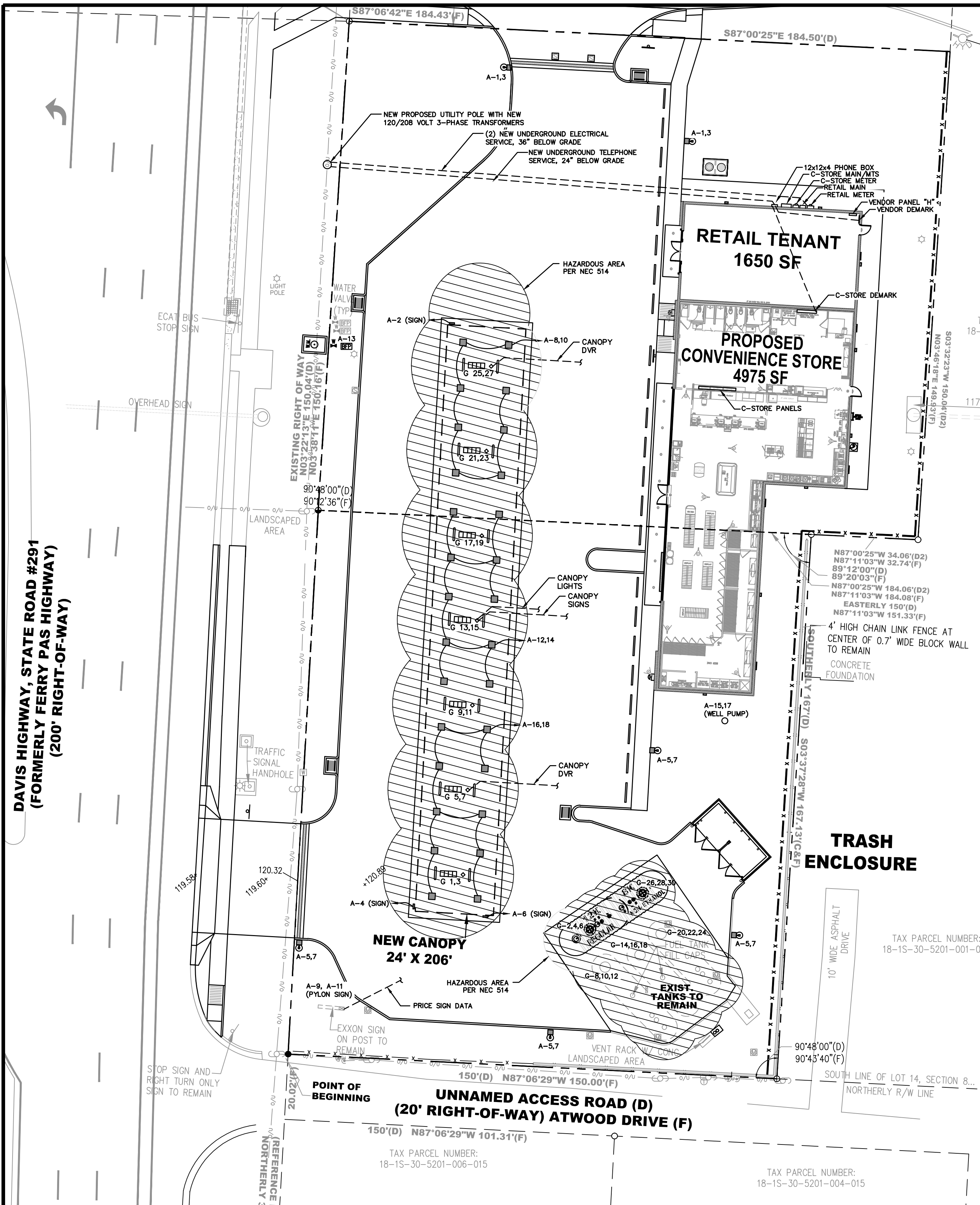
ELECTRICAL
COVER SHEET
AND LEGEND

SHEET NO.:

EO.0

ISSUED FOR BID 03/08/2024

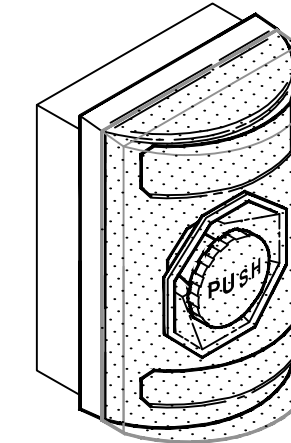
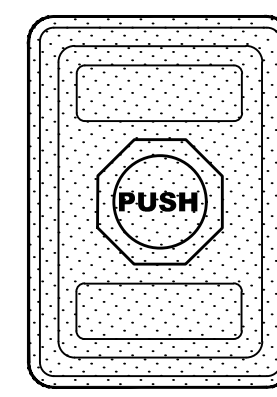
DAVIS HIGHWAY, STATE ROAD #291
(FORMERLY FERRY PAS HIGHWAY)
(200' RIGHT-OF-WAY)



Know what's below.
Call before you dig.

EMERGENCY FUEL SHUT OFF

SIGN SHALL HAVE WHITE LETTERS, MINIMUM 1" IN HEIGHT, ON RED BACKGROUND



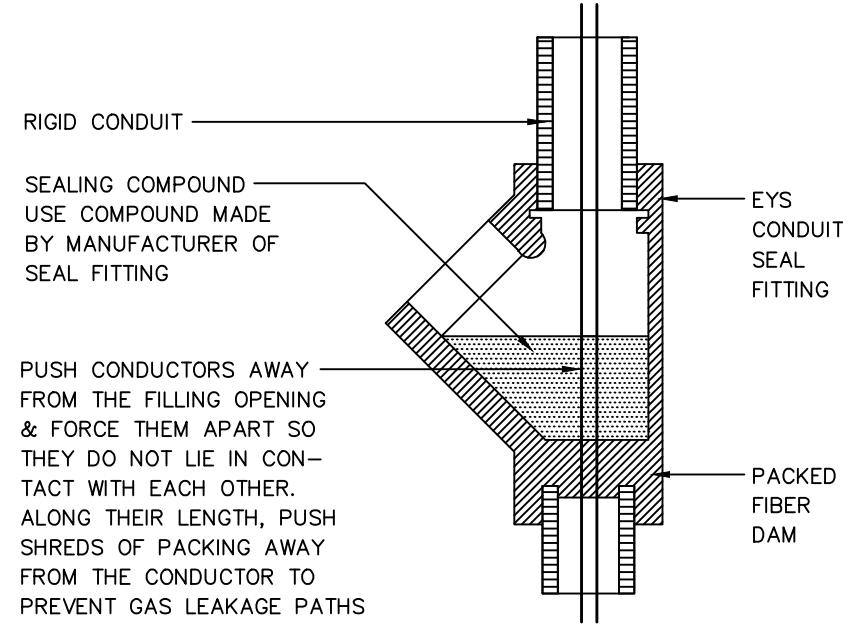
MAX. 44" AFG

FINISHED GRADE

EMERGENCY STOP W/CLEAR COVER AND ALARM POWER INTEGRITY #A-ESOCA

EXTERIOR EMERGENCY FUEL SHUT-OFF

NTS



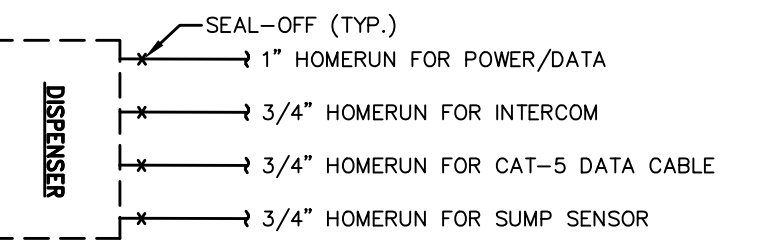
NOTE 1:
PROVIDE EXPLOSION PROOF SEAL-OFFS IN ACCORDANCE WITH ARTICLES 500, 501 AND 514 (CLASS 1, DIVISION 1 & 2) OF THE 2014 NATIONAL ELECTRICAL CODE TYPICAL FOR ALL CONDUITS IN CLASS 1 LOCATIONS, INCLUDING LOW VOLTAGE CONDUITS.

NOTE 2:
ALL CONDUITS IN CLASS 1 LOCATIONS SHALL BE GROUNDED AS PER NEC 250.100 & 501.30.

NOTE 3:
CONDUIT FILL SHALL NOT EXCEED 25% OF SEAL-OFF AS PER NEC. 501.15(A)(6)

SEAL FITTING INSTALLATION

NTS

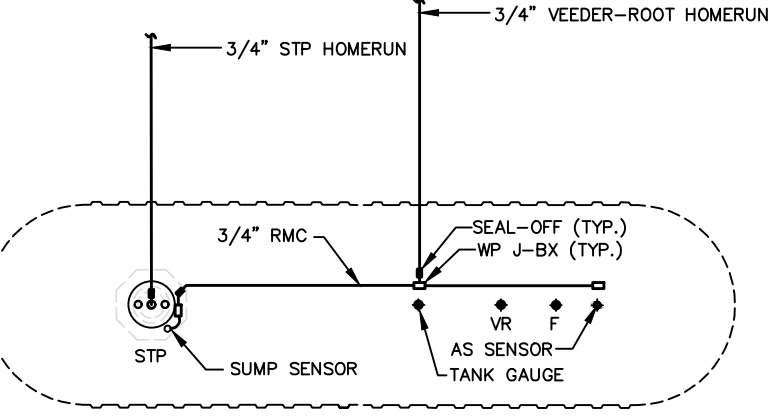


TYPICAL MDP DISPENSER LAYOUT

NTS

DISPENSERS AND TANKS CONDUCTOR REQUIREMENTS

DESCRIPTION	COLOR	#10	SIZE
REGULAR STP	BLACK	#10	
PREMIUM STP	RED	#10	
DIESEL STP	YELLOW	#10	
FUTURE STP	ORANGE	#10	
EO STP	BLUE	#10	
DISPENSER POWER	BROWN, WHITE & GREEN	#12	
DISPENSER SPARES	PURPLE & GRAY	#12	
REGULAR SWITCH LEG	BLACK	#14	
PREMIUM SWITCH LEG	RED	#14	
DIESEL SWITCH LEG	YELLOW	#14	
FUTURE SWITCH LEG	ORANGE	#14	
EO SWITCH LEG	BLUE	#14	
DATA	BLACK & RED	#18 TWISTED PAIR (10-12 TWISTS/FT)	
DATA	PURPLE & YELLOW (GRIND)	#18 TWISTED PAIR (10-12 TWISTS/FT)	
DATA	BLUE & GRAY (SPARES)	#18 TWISTED PAIR (10-12 TWISTS/FT)	
APPLAUSE MEDIA	BLACK & RED	#18 TWISTED PAIR (10-12 TWISTS/FT)	
INTERCOM	(2) #22 SHIELDED TWISTED PAIR	HOUSTON WIRE #50850 (O.E.)	
TLS-450 SENSORS	(1) #18 SHIELDED TWISTED PAIR	HOUSTON WIRE #432600 (O.E.)	



BK & 10K TANK LAYOUT

NTS

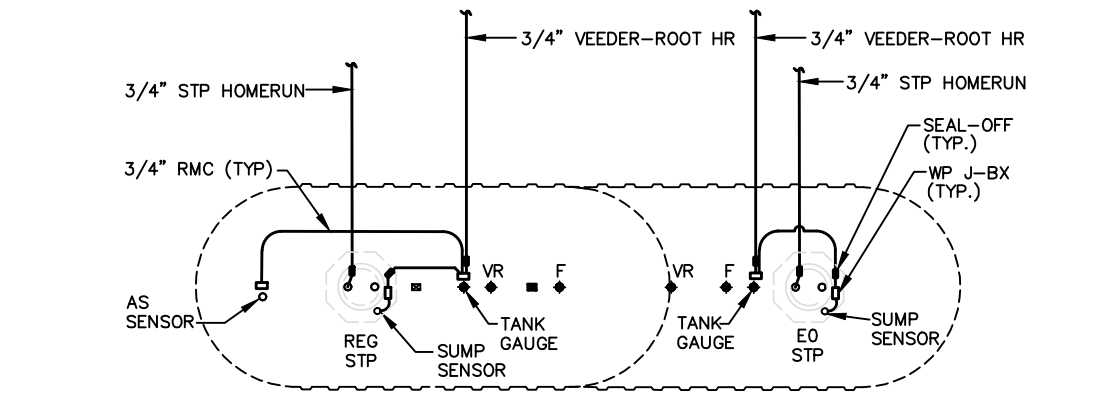
SITE ELECTRICAL NOTES

- ALL WORK SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRIC CODE, LOCAL ORDINANCES AND REGULATIONS AND STATE LAWS.
- ELECTRICAL EQUIPMENT & WIRING LOCATED IN HAZARDOUS (CLASS I, DIV. 1&2) AREAS OF FUEL PUMPS, ISLAND DISPENSERS & VENT OPENINGS SHALL COMPLY WITH THE PROVISIONS OF N.E.C. ARTICLE 501 & 514.
- HOMERUN CONDUITS TO DISPENSERS, TANKS AND CANOPY TO BE RIGID METAL CONDUIT (RMC) AND SCHEDULE 40 PVC AS PER NEC ARTICLE 514.8, EXCEPTION NO. 2. INTERMEDIATE METAL CONDUIT (IMC) IS NOT ACCEPTABLE. THESE CONDUITS TO BE BURIED 24" MIN. BELOW FINISH GRADE AT BOTH ENDS WHERE SEAL-OFFS ARE INSTALLED.
- CONTRACTOR TO INSTALL SECONDARY SERVICE CONDUIT AND WIRE PRIOR TO CONSTRUCTION. CONTRACTOR TO COORDINATE WITH POWER COMPANY FOR PROPOSED TRANSFORMER LOCATION, METERING REQUIREMENTS & SCHEDULING.
- ELECTRICAL SERVICE CONDUIT TO BE ROUTED ONLY IN NON-HAZARDOUS AREAS AND TO BE BURIED 36" MIN. BELOW FINISH GRADE.
- SECONDARY SERVICE CONDUITS TO BE SCHEDULE 40 PVC WITH SCHEDULE 80 ELBOWS AND STUB-UPS WHERE EXPOSED AT BUILDING.
- ALL CONDUCTORS TO BE COPPER, 600V, THWN-STRANDED.
- CONTRACTOR TO INSTALL TELEPHONE UTILITY CONDUIT TO UTILITY POLE. PRIOR TO CONSTRUCTION, CONTRACTOR COORDINATE WITH TELEPHONE COMPANY FOR EXACT LOCATION OF TELEPHONE SERVICE ORIGIN AND SCHEDULING.
- TELEPHONE SERVICE CONDUIT TO BE ROUTED ONLY IN NON-HAZARDOUS AREAS AND TO BE BURIED 24" MIN. BELOW FINISH GRADE.
- LOW VOLTAGE CABLES TO DISPENSERS & TANKS TO BE GAS AND OIL RESISTANT.
- INSTALL AN EQUIPMENT GROUND CONDUCTOR IN ALL BRANCH CIRCUIT CONDUITS.
- ALL CONDUITS RUN UNDER DRIVEWAYS AND PARKING AREAS TO BE BURIED 24" MIN. BELOW FINISH GRADE.
- CONDUITS ON TOP OF CANOPY DECK TO BE EMT WITH COMPRESSION CONNECTORS.
- CANOPY LIGHT FIXTURES TO BE INSTALLED BY CANOPY MANUFACTURE AND WIRE BY CONTRACTOR.
- CONTRACTOR TO COORDINATE WITH SIGN CONTRACTOR FOR EXACT LOCATION OF CANOPY SIGNS.
- CONTRACTOR TO PROVIDE DISCONNECTS FOR SIGNS PER NEC 600.6.
- POLE LIGHTS SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR.
- CONTRACTOR TO SUPPLY AND INSTALL LIGHT POLE BASES. SEE SHEET PH-1 FOR DETAIL.

SITE ELECTRICAL CONDUIT / WIRE SCHEDULE

EACH ITEM TO HAVE A DEDICATED HOMERUN CONDUIT. DO NOT COMBINE CONDUITS.

ITEM	QTY.	CONDUIT SIZE	CONDUIT TYPE	WIRE / CABLE	NOTES
CANOPY LIGHTS	1	1"	RMC/PVC	(5) #10 (4-H, 1-G)	POWER FROM LIGHTING CONTRACTORS TO CANOPY
CANOPY SIGNS	1	1"	RMC/PVC	(5) #8 (3-H, 1-N, 1-G)	POWER FROM LIGHTING CONTRACTORS TO CANOPY
CANOPY FUTURE DVR	2	1"	RMC/PVC	PULL STRING	CONDUIT FROM FRAME RELAY GUTTER TO CANOPY FOR FUTURE DVR
POLE LIGHTS	2	3/4"	PVC	(3) #10 (2-H, 1-G)	POWER FROM LIGHTING CONTROLS
ID SIGN & PRICE SIGN	1	1"	PVC	(5) #8 (2-H, 2-N, 1-G)	ID POWER FROM LIGHTING CONTROLS, PRICE SIGN POWER TO BE ON 24HRS
PRICE SIGN DATA	2	1"	PVC	CAT 5 CABLE BELDEN #7928A	PROVIDE 30' CABLE AT FRAME RELAY GUTTER
WELL PUMP	1	3/4"	PVC	(3) #8 (2-H, 1-G)	VERIFY EXACT LOCATION
DISPENSER POWER/DATA	8	1"	RMC/PVC	(5) #12 (PWR & SPARES) (3) #14 (SWITCH LEGS) (1) #18 TW-PAIR (DATA) (1) #18 TW-PAIR (GRIND) (1) #18 TW-PAIR (SPARE)	HOMERUN FROM DISP. FOR PWR, CONTROLS & DATA. DATA WIRES TO BE CONTINUOUS FROM DISP. TO DATA BOX WITH NO SPLICES.
DISPENSER INTERCOM	8	3/4"	RMC/PVC	HOUSTON WIRE #50850 (O.E.) (2) #22 TWISTED SHIELDED PAIR CABLE	HOMERUN FROM INTERCOM CONSOLE IN UTILITY ROOM, ONE CABLE PER DISPENSER
DISPENSER SUMP SENSOR	8	3/4"	RMC/PVC	HOUSTON WIRE #432600 (O.E.) PLUS (1) #12 EGC	HOMERUN FROM VEEDER-ROOT CONSOLE IN UTILITY ROOM, ONE CABLE PER DISPENSER
DISPENSER CAT-5	8	3/4"	RMC/PVC	CAT-5 BELDEN #7928A (O.E.) (4) PAIR TWISTED CABLE	CAT-5 CABLE FROM DISPENSER DATA EQUIPMENT IN UTILITY ROOM, ONE CABLE PER DISPENSER
STP POWER	5	3/4"	RMC/PVC	(4) #10 (3-H, 1-G)	3-PHASE POWER FROM VFC
TANK SENSORS HOMERUN (BK & 12K)	3	3/4"	RMC/PVC	HOUSTON WIRE #432600 (O.E.) PLUS (1) #12 EGC	HOMERUN FROM VEEDER-ROOT CONSOLE TO TG RISER
TANK SENSORS LOOPS (BK)	3	3/4"	RMC	HOUSTON WIRE #432600 (O.E.) PLUS (1) #12 EGC	4-CABLES (1-ANNULAR SPACE, 1-TANK GAUGE, 1-PLLD & 1-STP SUMP)
TANK SENSORS HOMERUN (BK)	1	3/4"	RMC/PVC	HOUSTON WIRE #432600 (O.E.) PLUS (1) #12 EGC	HOMERUN FROM VEEDER-ROOT CONSOLE TO TG RISER
TANK SENSORS LOOPS (BK)	1	3/4"	RMC	HOUSTON WIRE #432600 (O.E.) PLUS (1) #12 EGC	3-CABLES (1-TANK GAUGE, 1-PLLD, & 1-STP SUMP)
TANK SENSORS HOMERUN (12K)	1	3/4"	RMC/PVC	HOUSTON WIRE #432600 (O.E.) PLUS (1) #12 EGC	HOMERUN FROM VEEDER-ROOT CONSOLE TO TG RISER
TANK SENSORS LOOPS (12K)	1	3/4"	RMC	HOUSTON WIRE #432600 (O.E.) PLUS (1) #12 EGC	4-CABLES (1-TANK GAUGE, 1-AS, 1-PLLD & 1-STP SUMP)
ELECTRICAL UTILITY	3	3"	PVC	(3) #40MCM Cu (1) #350MCM Cu	UNDERGROUND ELECTRICAL SERVICE (36" BELOW GRADE)
TELEPHONE UTILITY	1	2"	PVC	PULL STRING	UNDERGROUND TELEPHONE SERVICE TO PHONE BOX (24" BELOW GRADE)
TELEPHONE UTILITY LOOP	2	2"	PVC	PULL STRING	UNDERGROUND TELEPHONE SERVICE FROM PHONE BOX TO DEMARK. (24" BELOW GRADE)



BK-12K TANK LAYOUT

NTS

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL 32563
Phone No. 775-880-8800

DESIGN TEAM TITLE:
MDM SERVICES INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33809
EB #004857 Phone: (813) 938-1111

NO. DATE REVISION

6,625 S.F.
BUILDING

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVIS HWY.
PENSACOLA, FL 32514

SCALE: AS NOTED
DATE: 11-06-2020
DESIGNED BY: SLO/DOB
DRAWN BY: SLO/DOB
CHECKED BY: SLO/DOB
DRAWING TITLE:
ELECTRICAL SITE PLAN
SHEET NO.:

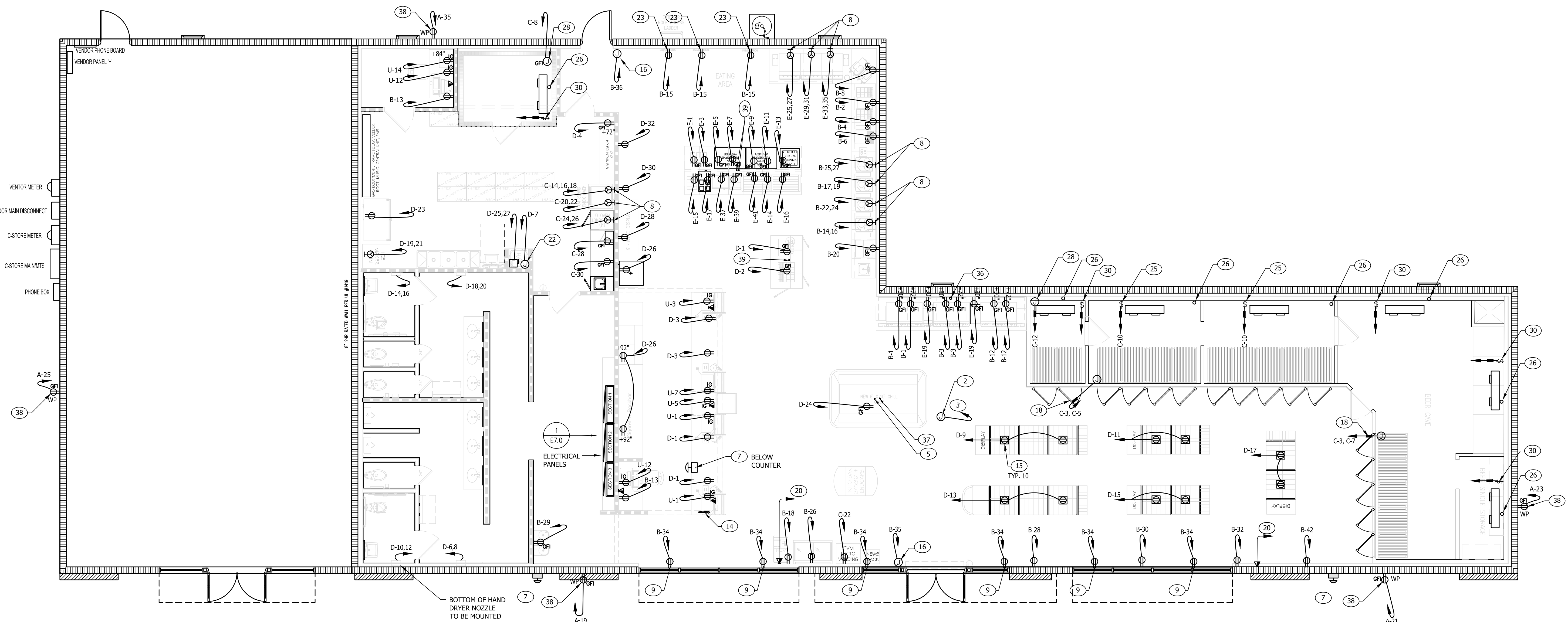
E1.0

ISSUED FOR BID 03/08/2024

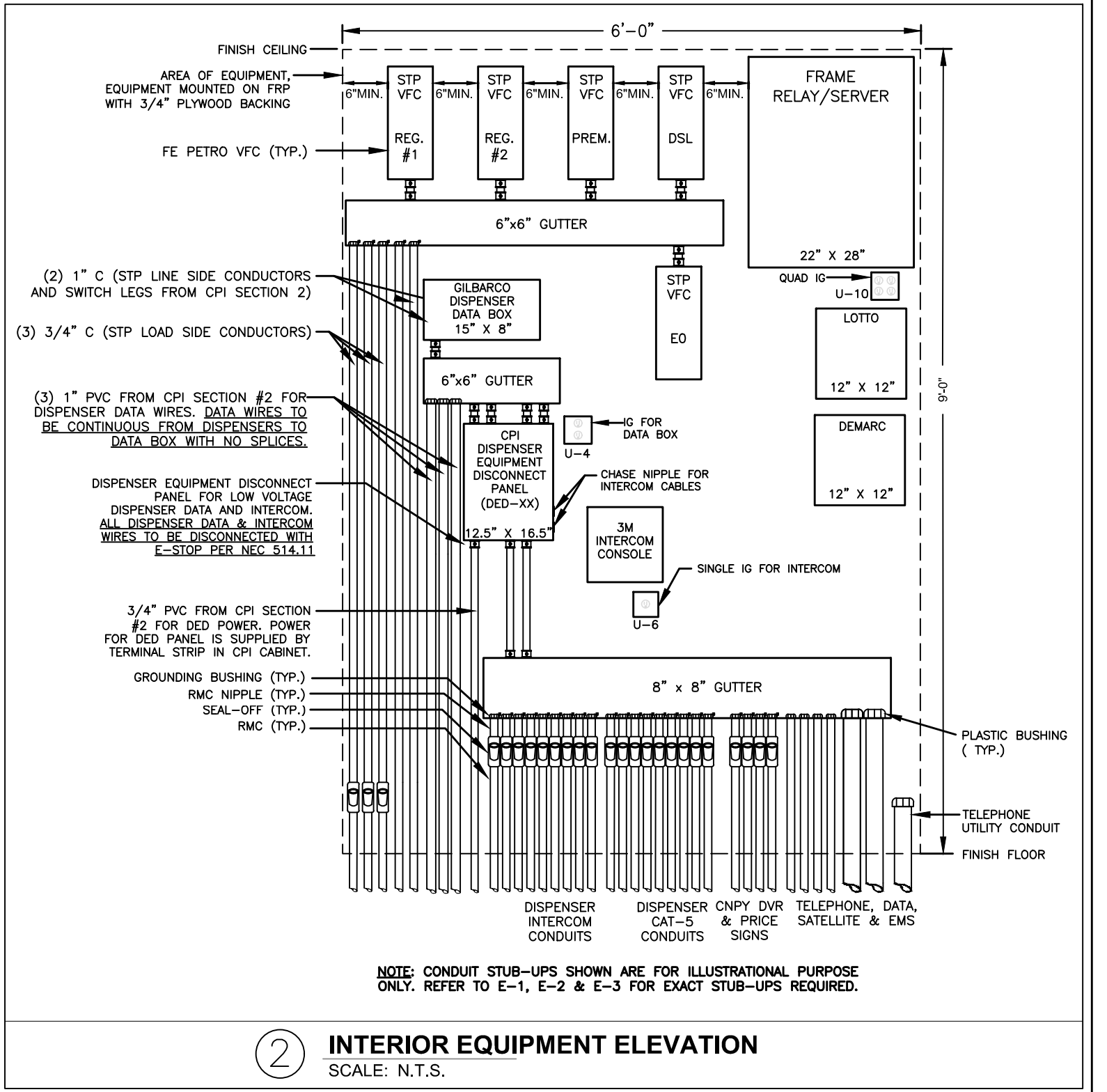
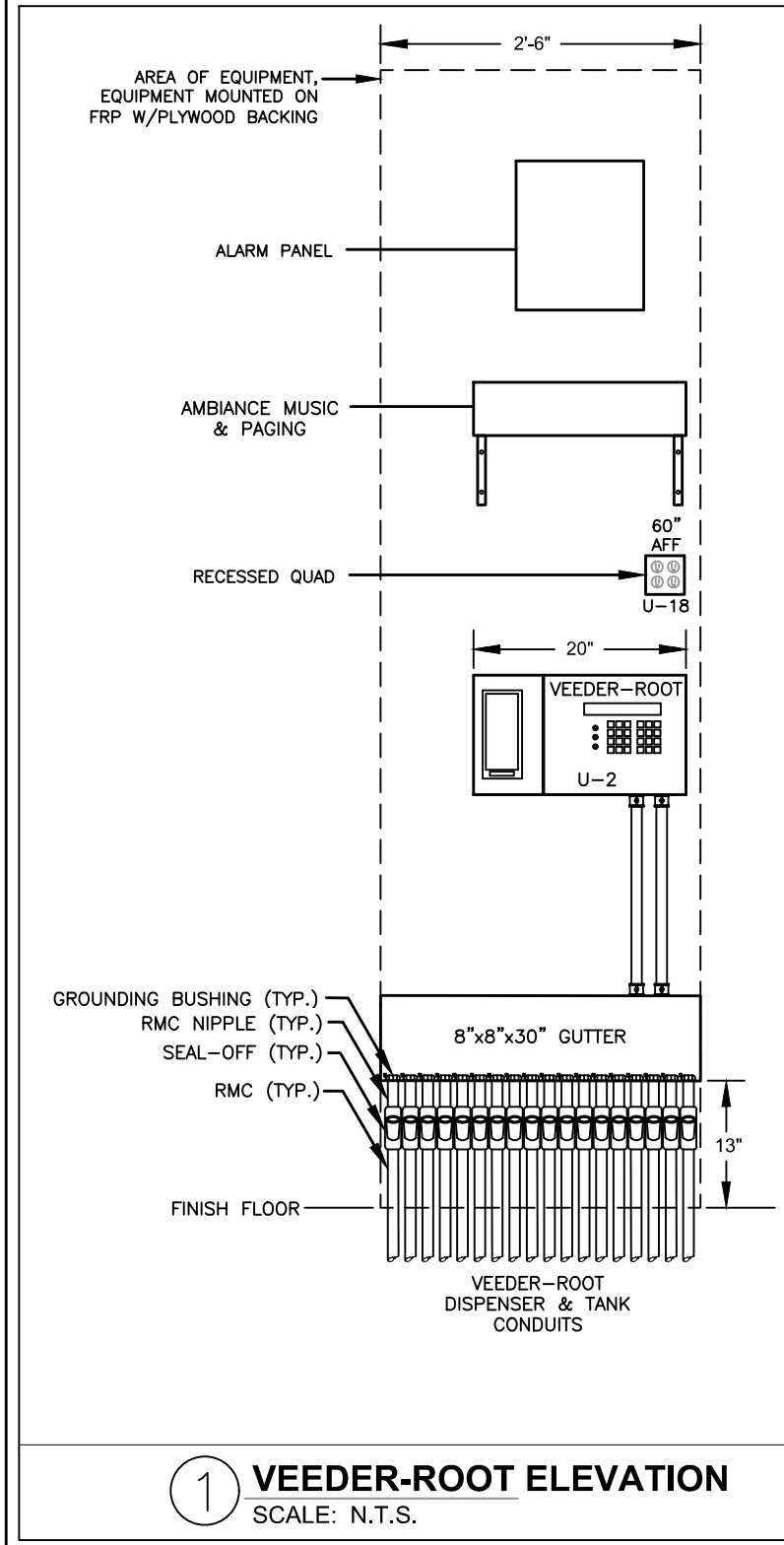
CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN ROAD, LAKELAND, FL 33850
 Phone: (863) 646-9137
 FL. CA. #4857

NO.	DATE	REVISION	DESCRIPTION



1 ELECTRICAL FLOOR PLAN
 SCALE: 3/16" = 1'-0"



- KEY NOTES**
- NOT USED
 - 4" x 4" x 2" J-BOX WITH COVER PLATE LOCATED AT CEILING FOR FUTURE.
 - (1) 1" EMPTY CONDUIT WITH PULL STRING BACK TO PANELS (FOR FUTURE).
 - NOT USED
 - 1" HOMERUN CONDUIT BACK TO PANELS FOR POWER.
 - NOT USED
 - EMERGENCY STOP BUTTON FOR FUEL
 - PROVIDE SPECIAL OUTLET FOR COMPLETE CONNECTION OF EQUIPMENT. VERIFY EXACT NEMA CONFIGURATION WITH SUPPLIED EQUIPMENT.
 - PROVIDE RECEPT 6" ABOVE WINDOW FRAME FOR SHOW WINDOW RECEIPTS.
 - MULTIPLX CHILLER CONDENSER IS FED FROM MULTIPLX CHILLER UNIT
 - IRRIGATION TIMECLOCK, VERIFY EXACT LOCATION WITH IRRIGATION CONTRACTOR
 - INSTALL DATA CABLES FROM CASHIER COUNTER TO MENU BOARDS. CABLE TO BE RUN BEHIND EQUIPMENT CABINET
 - REFER TO SHEET E-3.0 FOR CONDUIT STUB-UP REQUIREMENTS TO CASHIER
 - COORDINATE LOCATION OF FLOOR OUTLET WITH OWNER AND ARCHITECT PRIOR TO INSTALLATION.
 - PROVIDED J-BOX IN CEILING FOR AIR CURTAIN POWER.
 - INSTALL RECEPTACLE FOR MENU BOARDS BEHIND EQUIPMENT CABINET. INSTALL CONDUIT BEHIND EQUIPMENT CABINET FROM CASHIER COUNTER.
 - PROVIDE SEAL-OFF DEVICE PER NEC 300.7.
 - 4" x 4" x 2" J-BOX WITH COVER PLATE LOCATED AT CEILING FOR VIEW MONITOR. PROVIDE RECEPTACLE ABOVE CEILING FOR POWER CONNECTION. FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
 - PROVIDE (1) 3/4" UNDERGROUND CONDUIT FROM FRAME RELAY GUTTER FOR PHONE/DATA.

- KEY NOTES**
- NOT USED
 - PROVIDE J-BOX FOR HARD WIRE CONNECTION TO RE-CIRC PUMP AND AQUA-STAT TIMER. VERIFY EXACT LOCATION AND MOUNTING HEIGHT PRIOR TO ROUGH-IN.
 - PROVIDE USB/DUPLEX COMBO DEVICE
 - NOT USED
 - PROVIDE WEATHER PROOF MOTOR RATED DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. CONDUIT TO BE SEALED.
 - NOT USED
 - PROVIDE 1/2" LOW VOLTAGE CONDUIT FROM EVAPORATOR TO CONDENSER FOR CONTROLS. CONDUIT TO BE SEALED.
 - NOT USED
 - PROVIDE POWER FOR FREEZER HEAT TAPE. CIRCUIT TO BE GFCI PROTECTED. CONDUIT TO BE SEALED.
 - NOT USED
 - EVAPORATOR IS FED FROM CONDENSER. PROVIDE WEATHER PROOF MOTOR RATED DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. CONDUIT TO BE SEALED.
 - NOT USED
 - CEILING MOUNTED J-BOX FOR LED TX SIGN. VERIFY FINAL LOCATION.
 - COMBINATION DUPLEX/DATA FLOOR BOX WITH STAINLESS STEEL COVER.
 - PROVIDE (1) 3/4" CONDUIT FROM ICE MAKERS TO ICE MAKER CONDENSERS FOR CONTROLS
 - PROVIDE (1) 3/4" CONDUIT FROM DELI CASE TO DELI CASE CONDENSER FOR CONTROLS.
 - PROVIDE HUBBELL-TAYMAC MR420CZ RECESSED WEATHERPROOF BOX, OR SIMILAR
 - 1" HOMERUN CONDUIT BACK TO PANELS FOR FOOD PREP EQUIPMENT.

- GENERAL NOTES**
- ALL EXTERIOR DEVICES SHALL BE WEATHERPROOF.
 - ALL 120V, 20A RECEPTACLES LOCATED AT FOOD SERVICE, BEVERAGE COUNTERS SHALL BE PROTECTED WITH GFCI TYPE BREAKERS IN PANELBOARDS. PROVIDE GFCI PROTECTED STICKER ON THE FACE PLATE.
 - ALL EMPTY CONDUITS SHALL BE PROVIDED WITH PULL STRINGS.
 - REFER TO DRAWING A1.5 FOR EQUIPMENT SCHEDULE. REFER TO ARCHITECTURAL DRAWINGS FOR ISLAND DETAILS.
 - ALL EQUIPMENT WITH REMOTE CONDENSERS MOUNTED ON THE ROOF SHALL HAVE 1/2" EMPTY CONDUIT (SEE GENERAL NOTE 3) BETWEEN THE EQUIPMENT AND THE REMOTE CONDENSER FOR CONTROL CIRCUITS.
 - ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT CONNECTIONS, MOUNTING HEIGHTS AND CORD REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO INSTALLATION. ALL EQUIPMENT SHALL BE LISTED FOR ITS INTENDED USE PER N.E.C. ART. #400.7.
 - ALL EQUIPMENT WHERE FOOD IS PREPARED OR SERVED SHALL BE GFCI PROTECTED. LABEL EACH OUTLET WITH REQUIRED GFCI PROTECTED STICKER.
 - ALL POWER CONDUITS SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR INSTALLED WITH THE BRANCH CIRCUIT CONDUCTORS.
 - EACH DISCONNECTING MEANS SHALL BE LEGIBLY MARKED AND PERMANENT LABEL (PLASTIC NAMEPLATE) SHALL BE INSTALLED PER NEC 110.22.

6,625 SQ. FT. BUILDING

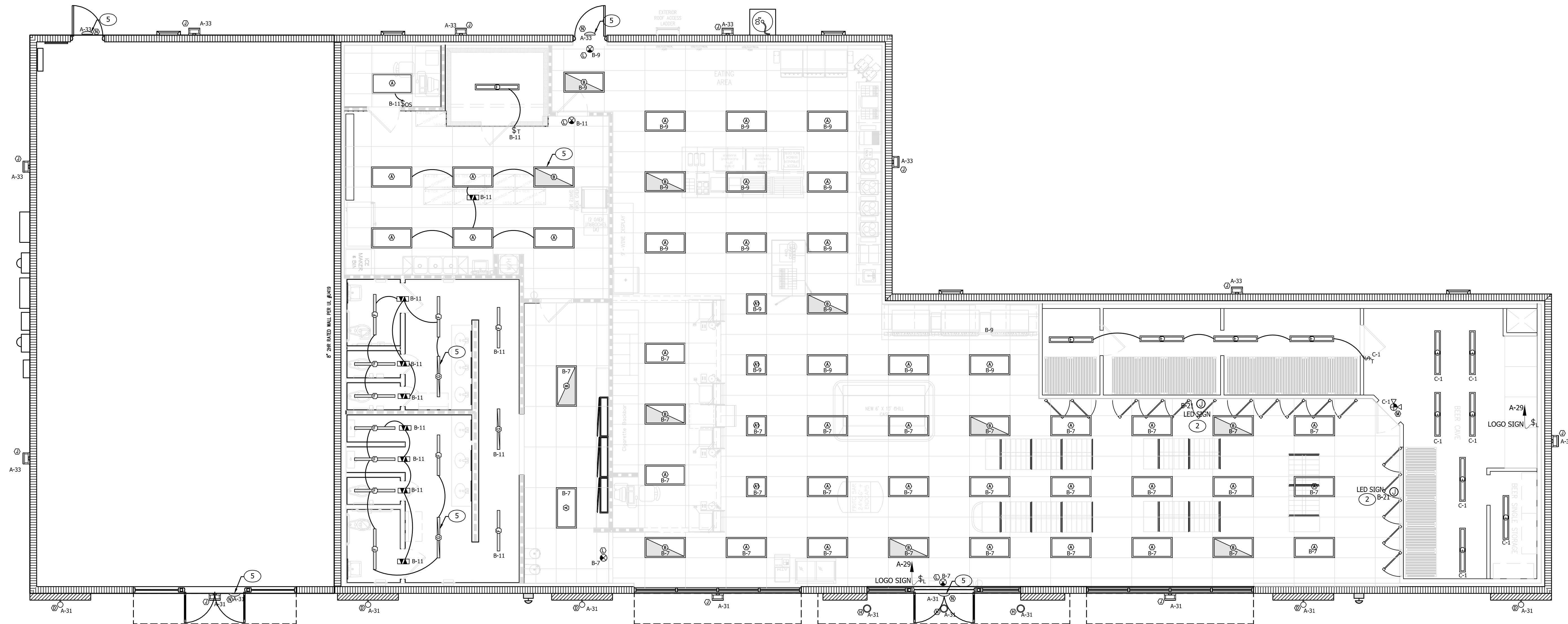
SITE DESIGNATIONS:
NEW CONVENIENCE STORE
 7822 NORTH DAVIS HIGHWAY,
 PENSACOLA, FLORIDA 32514

SCALE: AS NOTED MDM JOB # 18012
 DATE: 03-16-2021
 DESIGNED BY: PH
 DRAWN BY: PH FILE NAME: S3 18012 03-16-2021
 CHECKED BY: E2.0/DWG

DRAWING TITLE:
ELECTRICAL FLOOR PLAN

SHEET NO:
E2.0

ISSUED FOR BID 03/08/2024



1 ELECTRICAL CEILING PLAN
SCALE: 3/16" = 1'-0"

KEY NOTES	
1	PROVIDE UNSWITCHED CIRCUIT FOR EMERGENCY BATTERY BACK-UP BALLAST.
2	CEILING MOUNTED J-BOX FOR LED TX SIGN. VERIFY FINAL LOCATION.
GENERAL NOTES	
1. ALL EXTERIOR DEVICES SHALL BE WEATHERPROOF RATED.	

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33850
Phone: (863) 646-9137
FL, CA, #4857

NO.	DATE	REVISION DESCRIPTION

6,625 SQ. FT. BUILDING

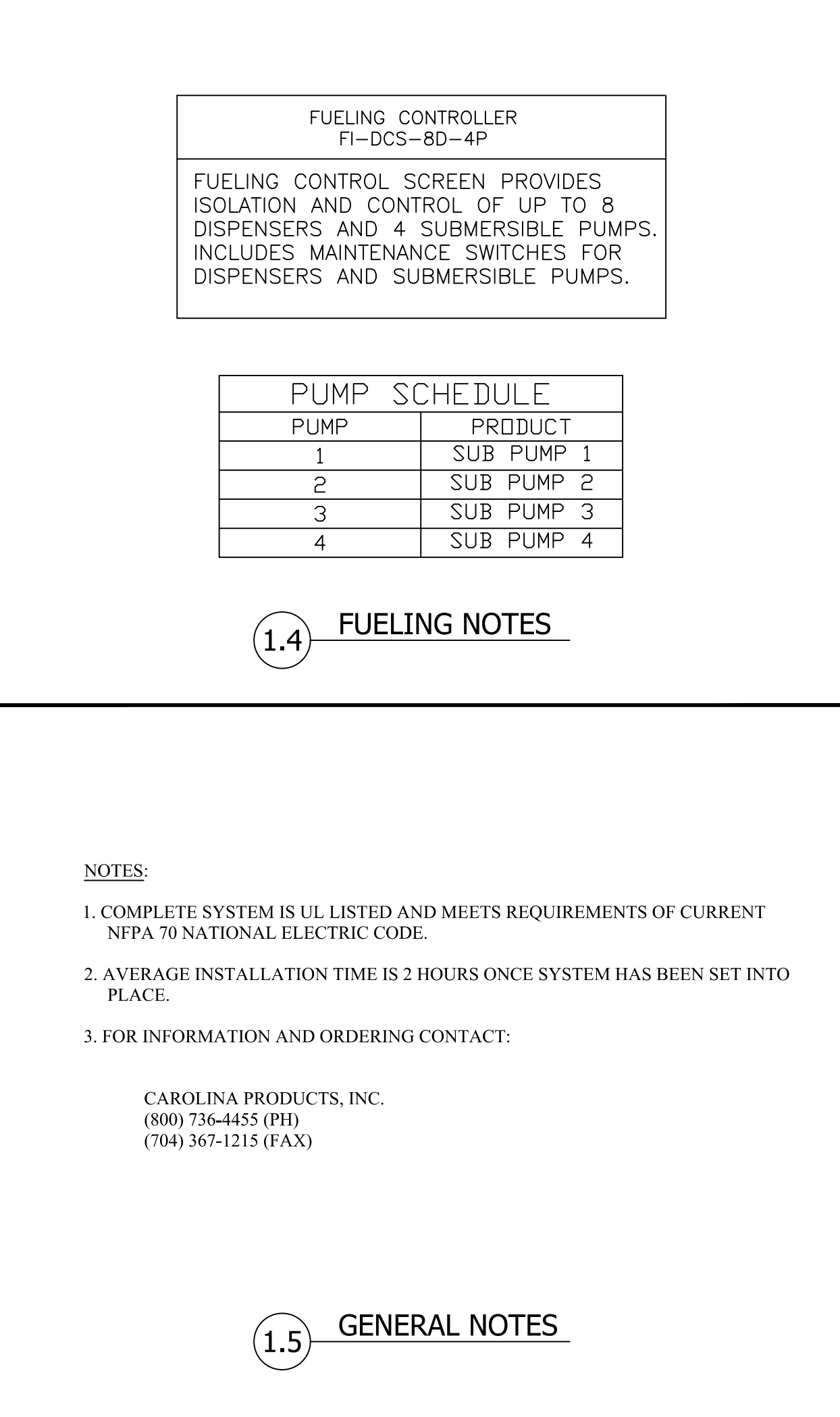
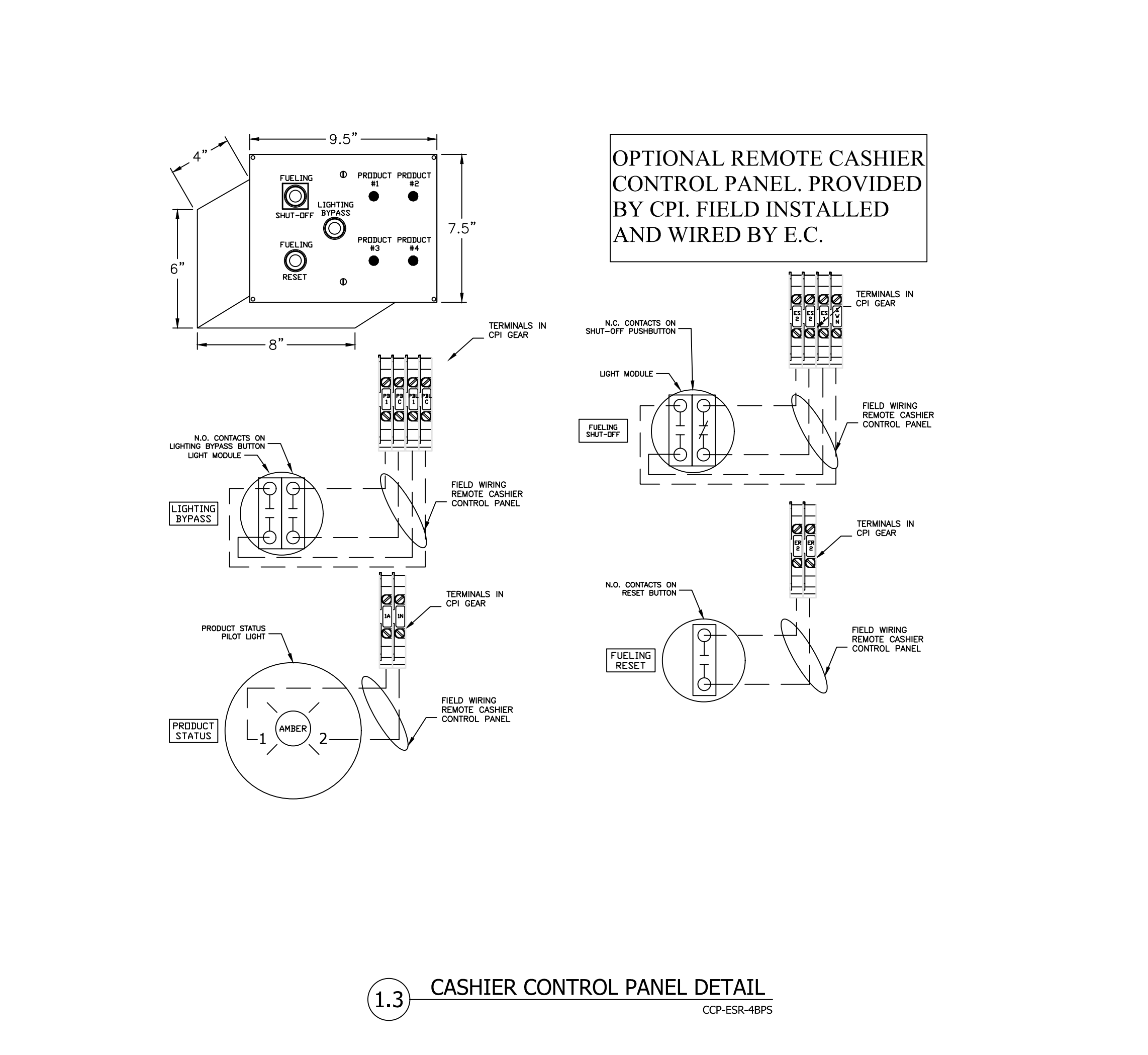
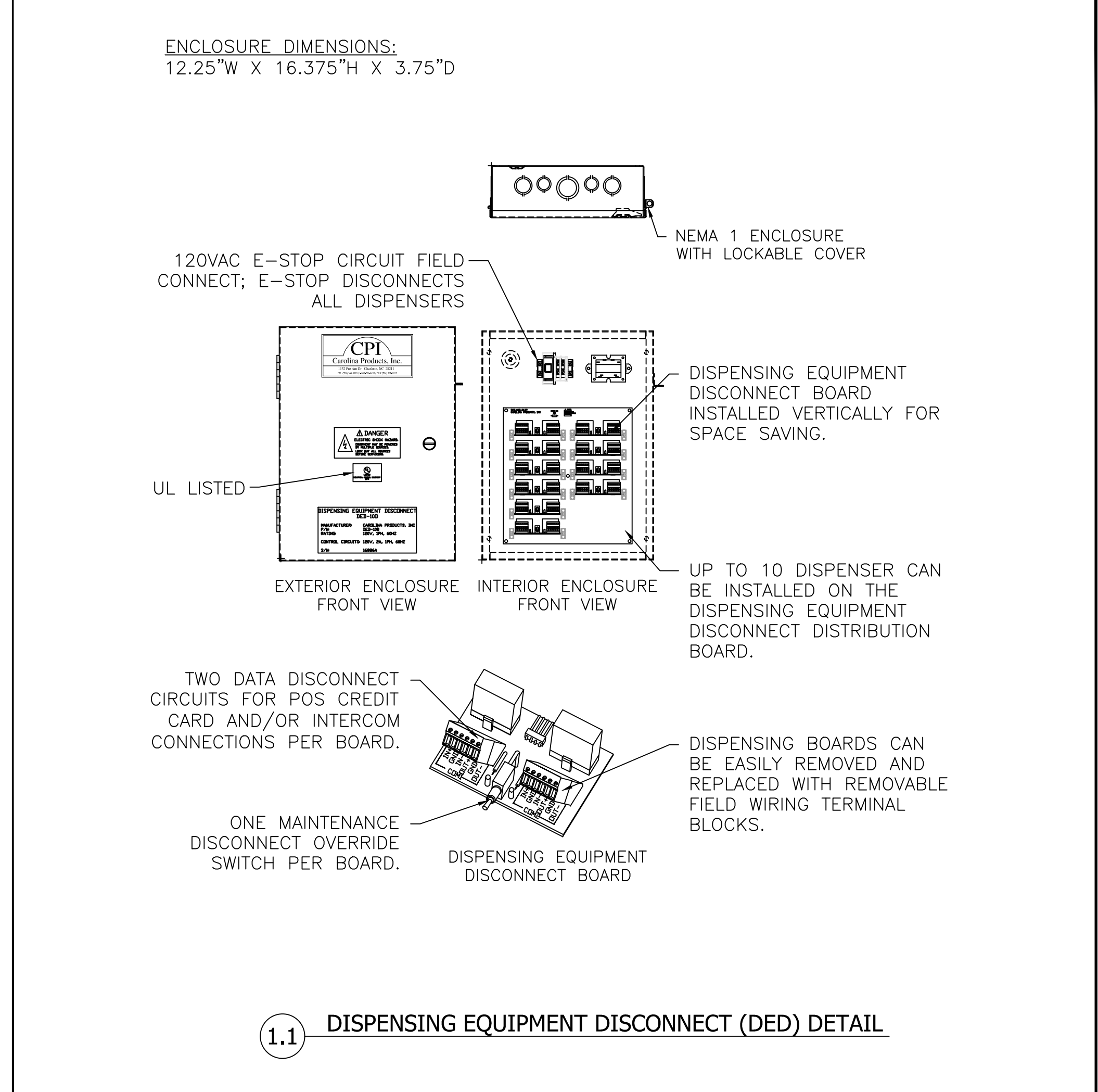
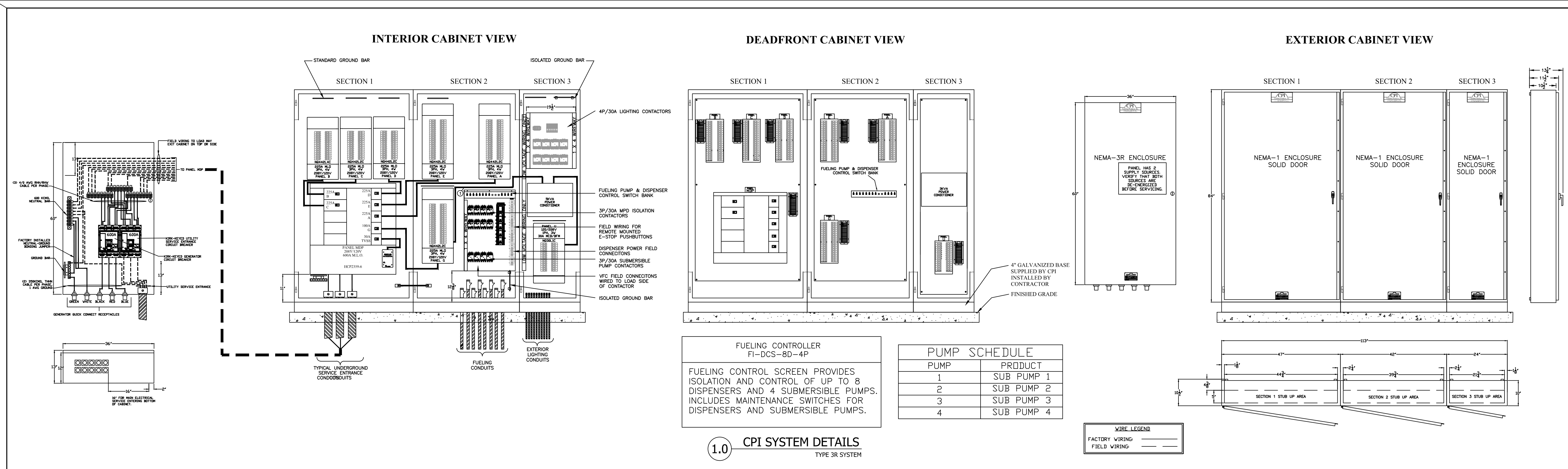
SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVIS HIGHWAY
PENSACOLA, FLORIDA 32514

SCALE: AS NOTED	MDM JOB # 18012
DATE: 03-16-2021	
DESIGNED BY: PH	
DRAWN BY: PH	FILE NAME: 33 18012 03-16-2021.dwg
CHECKED BY: E3.0/DWG	

DRAWING TITLE:
ELECTRICAL CEILING PLAN

SHEET NO.:
E3.0

ISSUED FOR BID 03/08/2024



CAROLINA PRODUCTS, INC.
1132 PRO AM DR.
CHARLOTTE, NC 28211
PH. (704)364-9029 , FX. (704)367-1215

CPI
CAROLINA PRODUCTS, INC.
CONTROL AND POWER INTEGRATION

CLIENT: **ALT PENSACOLA INC.**
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE: **MDM SERVICES**
engineering • environmental
1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33805
Phone: (863) 646-1111
FL. CA. #488

THIS DRAWING IS THE PROPERTY OF CAROLINA PRODUCTS, INC. AND MAY NOT BE USED OR REPRODUCED WITHOUT THE WRITTEN PERMISSION OF CAROLINA PRODUCTS, INC.

NO.	DATE	REVISION	DESCRIPTION

6,625 SQ FT BUILDING

SITE DESIGNATIONS:

NEW CONVENIENCE STORE

**7822 NORTH DAVIS HIGHWAY
PENSACOLA, FLORIDA 32514**

CPI PROJECT # _____
CPI DRAWING # _____
SHEET: S _____
DATE: 01/02/14
DRAWN BY: PDM

SCALE: AS NOTED MDM JOB # 1801
DATE: 03-16-2021
DESIGNED BY: PH
DRAWN BY: PH FILE NAME: ST 1801-0000-0000-0000
CHECKED BY: E7.0.DWG

DRAWING TITLE: **ELECTRICAL EQUIPMENT DETAILS**

SHEET NO. **E7.0**

NOTE: PRIOR TO CONSTRUCTION, CONTRACTOR TO OBTAIN SHOP DRAWINGS FROM CAROLINA PRODUCTS INC. FOR COMPLETE INSTALLATION, WIRING REQUIREMENTS AND DIMENSIONS OF SWITCHGEAR AND COMPONENTS.

ISSUED FOR BID 03/08/2024

CIVIL

Table listing civil engineering items: CV-S SURVEY, COVER SHEET, SURVEY - (PAGES 1 THRU 2), SIGNATURE SHEET, etc.

TANK AND PIPING

Table listing tank and piping items: TA-0 COVER SHEET, TA-1 GENERAL NOTES, TA-2 GENERAL NOTES, etc.

BUILDING & CANOPY - FOR REFERENCE ONLY

Table listing building and canopy items: A-1.2 FLOOR PLAN AND ROOM FINISH SCHEDULE, A-2.1 EXTERIOR ELEVATIONS, etc.

PROJECT DESCRIPTION:

CONSTRUCT QUICK FOOD MART WITH NEW 6625 S.F. CONVENIENCE STORE, 24'- 0" x 206'- 0" FUEL ISLAND CANOPY, SEVEN MULTI-PRODUCT FUEL DISPENSERS & ASSOCIATED SITE IMPROVEMENTS

7822 NORTH DAVIS HIGHWAY, PENSACOLA, ESCAMBIA COUNTY, FLORIDA PARCEL NO: 18-1S-30-5201-000-014

DEVELOPMENT CONTACTS

ESCAMBIA COUNTY PLANNING & ZONING CALEB MACCARTEE PLANNER 3363 WEST PARK PLACE PENSACOLA, FL. 32505 850-595-3473

EMERALD COAST UTILITY SEWER & WATER SERVICE ANDRE CALAMINUS 9255 STURDEVANT STREET PENSACOLA, FL. 32514 850-969-6643

ESCAMBIA COUNTY ROZA I SESTNOV DRAINAGE DEPARTMENT 3363 WEST PARK PLACE PENSACOLA, FL. 32505 850-595-3411

TELEPHONE PROVIDER AT&T MS. RAVEN 855-293-7676

ESCAMBIA COUNTY JASON WALTERS ACCESS MANAGEMENT 3363 WEST PARK PLACE PENSACOLA, FL. 32505 850-595-3422

ESCAMBIA COUNTY ENVIRONMENTAL SERVICES BRADLEY BANE LANDSCAPE /ENVIRONMENTAL 3363 WEST PARK PLACE PENSACOLA, FL. 32505 850-595-4572

FLORIDA DEPT. OF TRANS. PERMITS DIVISION 6025 OLD BAGDAD HWY MILTON, FL. 32583 850-981-2701 FL DEPT. OF ENVIROMENTAL PROT. SARA MERITT NORTHWEST DISTRICT, FDEP 160 W. GOVERNMENT STREET, SUITE 308 PENSACOLA, FL. 32502 850-595-0589

ESCAMBIA COUNTY BUILDING DEPARTMENT CALEB MACCARTEE REVIEWER 3363 WEST PARK PLACE PENSACOLA, FL. 32505 850-595-3473

ESCAMBIA COUNTY FIRE AND LINE SAFETY BRIAN HATLER PLANNER 3363 WEST PARK PLACE PENSACOLA, FL. 32505 850-595-1815

NATURAL GAS PROVIDER: PENSACOLA ENERGY JOHN SCANLON 1625 ATWOOD DRIVE PENSACOLA, FL. 32514 850-473-6929 (OFFICE) 850-324-9752 (CELL)

ESCAMBIA COUNTY FL DEPT OF HEALTH MONICA WILSON REVIEWER 1300 W. GREGORY STREET PENSACOLA, FL. 32502 monica.wilson@flhealth.gov

ESCAMBIA COUNTY FIRE ~ RESCUE FIRE MARSHAL JOSEPH QUINN 6575 N W STREET PENSACOLA, FL. 32505 850-595-1819

ELECTRIC PROVIDER: GULFPOWER JUSTIN SCHNADELBACH 1800-225-5797 (OFFICE)

OWNER

ALT PENSACOLA INC. Abu Mridha 4288 Soundside Dr. Gulf Breeze, FL. 32563 Phone No. 775-848-1271

ENGINEER

MDM SERVICES, INC. engineering • environmental • construction

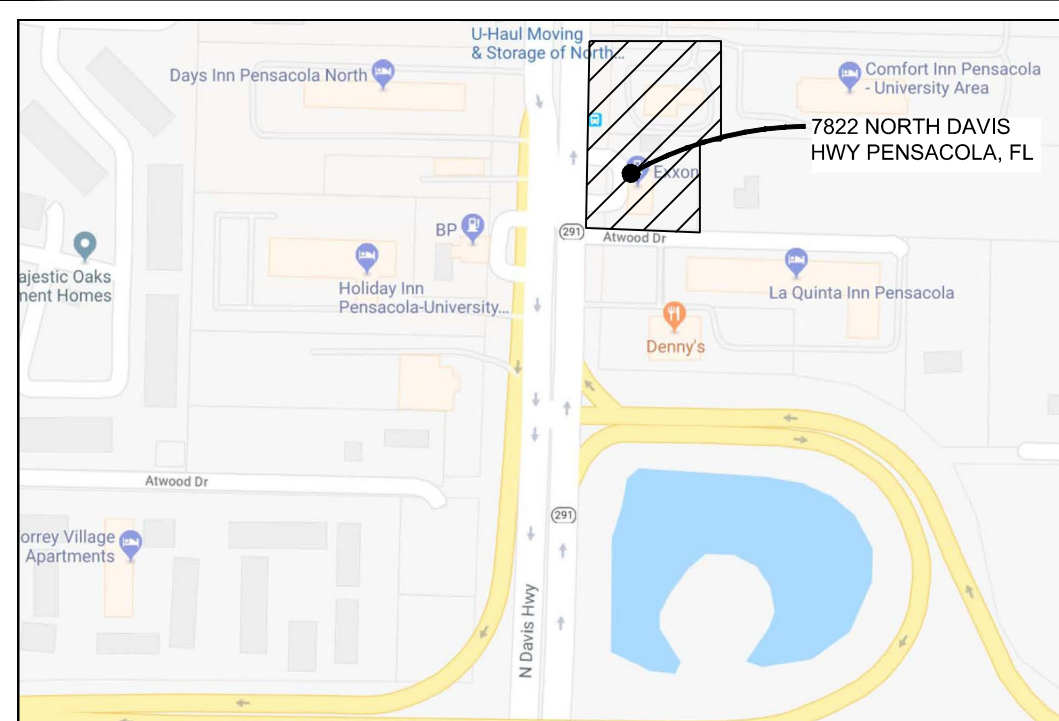
1055 KATHLEEN ROAD, LAKE LAND, FLORIDA 33805 EF #932-464 (863) 646-9130

CONTACT: PROJECT MANAGER - JUAN LLUGDAR Phone: (863) 646-9130 EXT. 114 (OFFICE) (850) 553-1318 (MOBILE)

DAIMIAN D LESLIE, P.E. FL. REG #73113

This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date shown. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

SITE VICINITY MAP



LEGAL DESCRIPTION

LEGAL DESCRIPTION

FROM THE SPECIAL WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 6175, AT PAGE 332, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA.

FROM THE NORTHEAST CORNER OF LOT 19 OF THE PLAT OF THE SUBDIVISION OF THE SOUTHEAST QUARTER OF SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST RECORDED IN BOOK 104, AT PAGE 596 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA, RUN NORTHERLY ALONG THE EAST LINE OF SECTION 18 FOR 15 FEET, THEN RUN IN A WESTERLY DIRECTION FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 2569.5 FEET TO A POINT IN THE EASTERLY RIGHT OF WAY LINE OF STATE ROAD # 291 (FERRY PASS HIGHWAY); THEN RUN IN A NORTHERLY DIRECTION WITH SAID RIGHT OF WAY FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 371.4 FEET TO THE SOUTH LINE OF LOT 14 AND THE POINT OF BEGINNING OF THE TRACT HEREIN CONVEYED; THEN CONTINUING ALONG SAID RIGHT OF WAY LINE 167 FEET TO A POINT; THEN RUN IN AN EASTERLY DIRECTION FORMING AN INTERIOR ANGLE OF 90 DEGREES 48 MINUTES WITH THE LAST PRECEDING COURSE 150 FEET TO A PIPE; THEN RUN IN A SOUTHERLY DIRECTION FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 167 FEET TO A POINT IN THE NORTHERLY RIGHT OF WAY LINE OF AN UNNAMED ROAD AND THE SOUTH LINE OF LOT 14; THEN WITH THE NORTH LINE OF SAID ROAD AND THE SOUTH LINE OF LOT 14 FORMING AN INTERIOR ANGLE OF 90 DEGREES 48 MINUTES WITH THE LAST PRECEDING COURSE 150 FEET TO THE POINT OF BEGINNING; BEING A PORTION OF LOT 14 IN SAID SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA.

FROM THE WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 8459, AT PAGE 752, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA.

A PARCEL OF LAND IN SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA, DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHWEST CORNER OF NORTHCROSS VILLAGE AS RECORDED IN PLAT BOOK 12 AT PAGE 58 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, SAID POINT ALSO BEING ON THE EAST RIGHT-OF-WAY-LINE OF STATE ROAD 291/DAVIS HIGHWAY (200' R/W) AND THE SOUTH LINE OF LOT 7 OF THE NATIONAL LAND SALES PLAT AS RECORDED IN DEED BOOK 100 AT PAGE 494 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY; THENCE SOUTH 03°21'32" WEST ALONG SAID EAST RIGHT-OF-WAY LINE A DISTANCE OF 99.50 FEET FOR THE POINT OF BEGINNING; THENCE SOUTH 87°00'25" EAST A DISTANCE OF 184.50 FEET; THENCE SOUTH 03°32'23" WEST A DISTANCE OF 150.04 FEET; THENCE NORTH 87°00'25" WEST A DISTANCE OF 184.06 FEET TO SAID EAST RIGHT-OF-WAY LINE OF DAVIS HIGHWAY; THENCE NORTH 03°22'13" EAST ALONG SAID RIGHT-OF-WAY LINE A DISTANCE OF 150.04 FEET TO THE POINT OF BEGINNING.

GENERAL PROJECT NOTES

- A. All construction shall comply with applicable building codes and local restrictions. Contractors must comply with contractor registration requirements of all governing authorities. B. Approved plans shall be kept in a plan box and shall not be used by workmen. All construction sets shall reflect same information. Contractor shall maintain one complete set of plans on the premises in good condition at all times. This shall include all addenda. C. The contractor shall field verify all conditions and dimensions prior to starting any work and shall be responsible for all work and materials including those furnished by subcontractors and owner. D. Discrepancies between portions of the contract documents, drawings and specifications are not intended. The contractor is to clarify any such discrepancies with the owner prior to commencing work. E. Stated dimensions take precedence over graphics, do not scale drawings to determine locations. The owner shall be notified of any such discrepancies prior to continuing with work. F. Contact owner for instructions prior to the continuation of work should any unusual conditions become apparent during grading or foundation construction. Existing elevations and locations to be jointed shall be verified by the contractor prior to construction. If they differ from those shown on the drawings, the contractor shall notify the owner so that modifications can be made before proceeding with the work. G. It shall be the responsibility of the contractor to locate all existing utilities whether shown herein or not and to protect them from damage. The contractor shall bear the expense of repair or replacement of utilities or other property damaged by operations in conjunction with the execution of the work after so located. H. For construction details not shown, use the manufacturer's approved shop drawings / data sheets in accordance with the project specifications I. Fire extinguishers to be installed at heights designated by owner and in compliance with local fire code. Final fire extinguisher locations shall be approved by fire marshal. J. G.C.to get application for "knox/access box" from the fire marshalls office. Box is to be installed prior to final inspection.

VERSION:

DATES

- 09-21-21 REV PER COUNTY COMMENTS 01-10-24 REV PER COUNTY COMMENTS

STORE NUMBER TBD MDM PROJECT NUMBER 18012

ESCAMBIA COUNTY PROJECT NO. 23083315-PSP

CV-S

DAVIS HIGHWAY COMMERCIAL 7822 NORTH DAVIS HIGHWAY, PENSACOLA, FL 32505

BOUNDARY AND TOPOGRAPHIC SURVEY

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LEGAL DESCRIPTION

FROM THE SPECIAL WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 6175, AT PAGE 332, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA.

FROM THE NORTHEAST CORNER OF LOT 19 OF THE PLAT OF THE SUBDIVISION OF THE SOUTHEAST QUARTER OF SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST RECORDED IN BOOK 104, AT PAGE 596 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA, RUN NORTHERLY ALONG THE EAST LINE OF SECTION 18 FOR 15 FEET, THEN RUN IN A WESTERLY DIRECTION FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 2569.5 FEET TO A POINT IN THE EASTERLY RIGHT OF WAY LINE OF STATE ROAD # 291 (FERRY PASS HIGHWAY); THEN RUN IN A NORTHERLY DIRECTION WITH SAID RIGHT OF WAY FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 371.4 FEET TO THE SOUTH LINE OF LOT 14 AND THE POINT OF BEGINNING OF THE TRACT HEREIN CONVEYED; THEN CONTINUING ALONG SAID RIGHT OF WAY LINE 167 FEET TO A POINT, THEN RUN IN AN EASTERLY DIRECTION FORMING AN INTERIOR ANGLE OF 90 DEGREES 48 MINUTES WITH THE LAST PRECEDING COURSE 150 FEET TO A PIPE, THEN RUN IN A SOUTHERLY DIRECTION FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 167 FEET TO A POINT IN THE NORTHERLY RIGHT OF WAY LINE OF AN UNNAMED ROAD AND THE SOUTH LINE OF LOT 14; THEN WITH THE NORTH LINE OF SAID ROAD AND THE SOUTH LINE OF LOT 14 FORMING AN INTERIOR ANGLE OF 90 DEGREES 48 MINUTES WITH THE LAST PRECEDING COURSE 150 FEET TO THE POINT OF BEGINNING; BEING A PORTION OF LOT 14 IN SAID SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA.

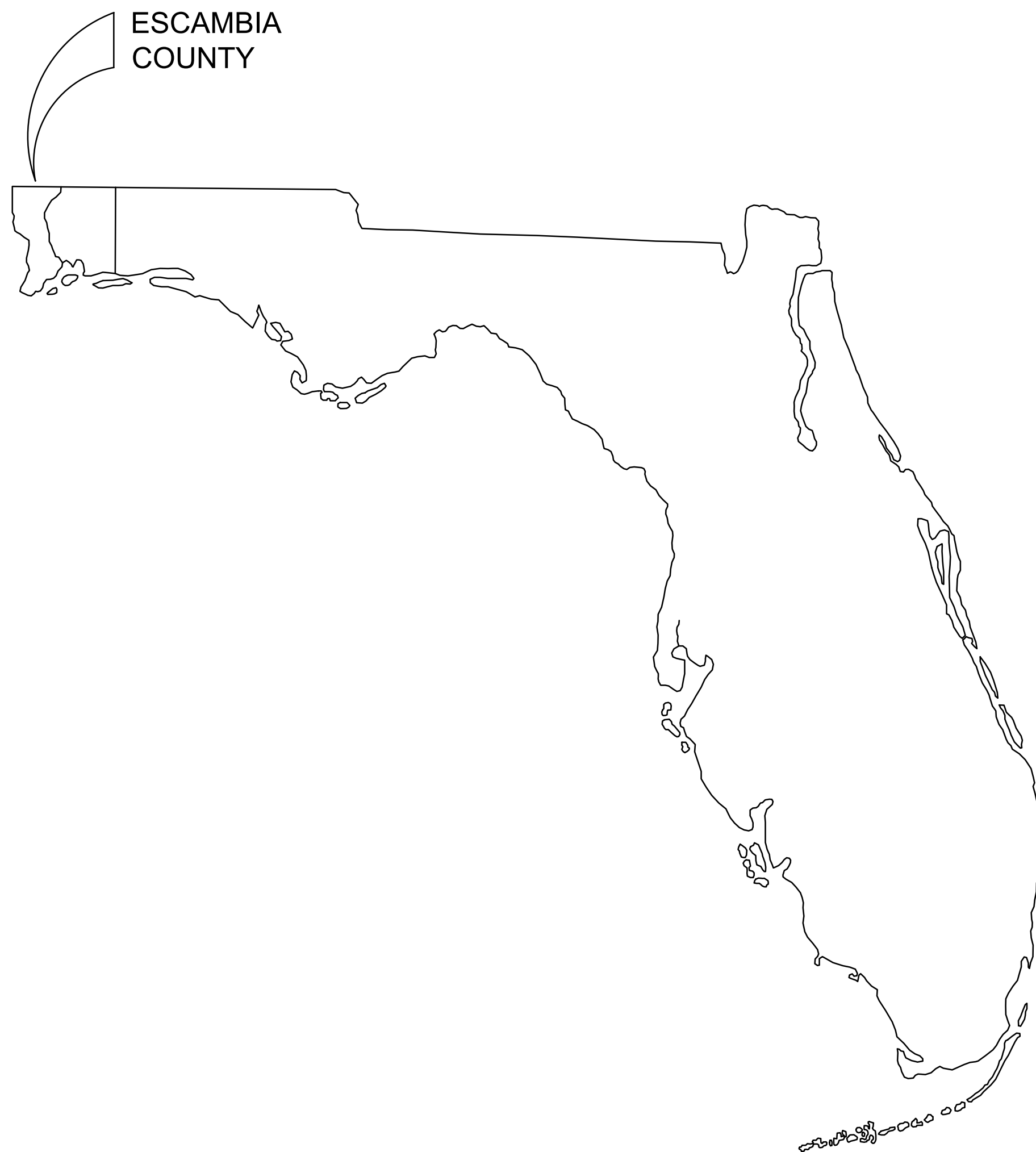
FROM THE WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 8459, AT PAGE 752, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA.

A PARCEL OF LAND IN SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA, DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHWEST CORNER OF NORTHCROSS VILLAGE AS RECORDED IN PLAT BOOK 12 AT PAGE 58 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, SAID POINT ALSO BEING ON THE EAST RIGHT-OF-WAY-LINE OF STATE ROAD 291/DAVIS HIGHWAY (200' R/W) AND THE SOUTH LINE OF LOT 7 OF THE NATIONAL LAND SALES PLAT AS RECORDED IN DEED BOOK 100 AT PAGE 494 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY; THENCE SOUTH 03°21'32" WEST ALONG SAID EAST RIGHT-OF-WAY LINE A DISTANCE OF 39.50 FEET FOR THE POINT OF BEGINNING; THENCE SOUTH 87°00'25" EAST A DISTANCE OF 184.50 FEET; THENCE SOUTH 03°32'23" WEST A DISTANCE OF 150.04 FEET; THENCE NORTH 87°00'25" WEST A DISTANCE OF 184.06 FEET TO SAID EAST RIGHT-OF-WAY LINE OF DAVIS HIGHWAY; THENCE NORTH 03°22'13" EAST ALONG SAID RIGHT-OF-WAY LINE A DISTANCE OF 150.04 FEET TO THE POINT OF BEGINNING.

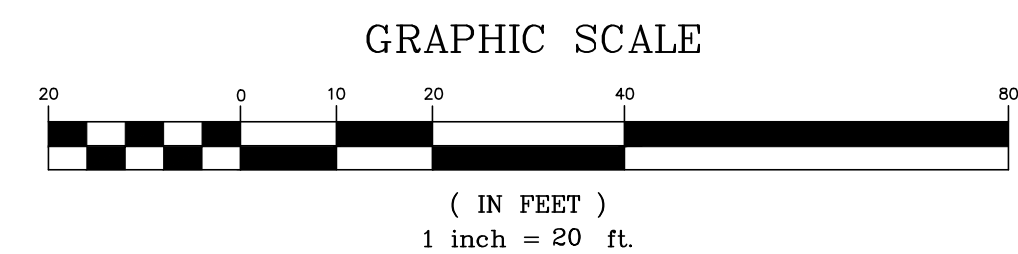
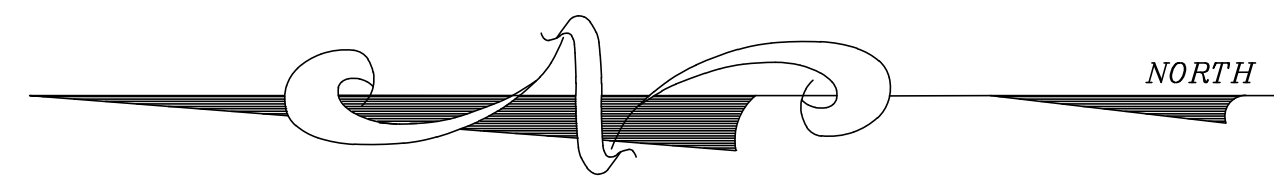
GENERAL NOTES:

1. NORTH AND THE BEARINGS SHOWN HEREON ARE REFERENCED TO THE ASSUMED BEARING OF NORTH 03 DEGREES 09 MINUTES 50 SECONDS EAST ALONG THE EAST RIGHT-OF-WAY LINE OF DAVIS HIGHWAY.
2. THE MEASUREMENTS SHOWN HEREON WERE MADE TO UNITED STATES STANDARDS AND WERE RECORDED IN DECIMAL OF FEET UNLESS OTHERWISE MARKED.
3. NO TITLE SEARCH WAS PERFORMED BY NOR PROVIDED TO THIS FIRM FOR THE SUBJECT PROPERTY. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHTS-OF-WAY, BUILDING SETBACKS, STATE AND/OR FEDERAL JURISDICTIONAL AREAS RESTRICTIVE COVENANTS OR OTHER INSTRUMENTS THAT COULD AFFECT THE BOUNDARIES OR USE OF THE SUBJECT PROPERTY.
4. THE SURVEY DATUM SHOWN HEREON IS REFERENCED TO FROM THE SPECIAL WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 6175, AT PAGE 332, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA, THE RIGHT-OF-WAY MAPS FOR STATE ROAD 291 (DAVIS HIGHWAY), WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 8459, AT PAGE 752, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA, PREVIOUS SURVEYS BY THIS FIRM AND TO EXISTING FIELD MONUMENTATION.
5. STATE AND FEDERAL COPYRIGHT ACTS PROTECT THIS MAP FROM UNAUTHORIZED USE. THIS MAP IS NOT TO BE COPIED OR REPRODUCED EITHER IN WHOLE OR IN PART, OR TO BE USED FOR ANY OTHER FINANCIAL TRANSACTION. THIS DRAWING CANNOT BE USED FOR THE BENEFIT OF ANY OTHER PERSON, COMPANY OR FIRM WITHOUT THE PRIOR WRITTEN CONSENT OF THE COPYRIGHT OWNER.
6. IN ACCORDANCE WITH STATE OF FLORIDA ADMINISTRATIVE CODE, ANY ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING SURVEYOR AND MAPPER ARE PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF THE SIGNING SURVEYOR AND MAPPER.
7. THE STRUCTURE DIMENSIONS IF ANY DO NOT INCLUDE THE EAVES OR OVERHANG OR THE FOUNDATION FOOTINGS.
8. IT IS THE OPINION OF THE UNDERSIGNED SURVEYOR AND MAPPER THAT THE PROPERTY SHOWN HEREON IS LOCATED IN ZONE "X", BASE FLOOD ELEVATION NOT APPLICABLE, AS DETERMINED BY SCALE FROM FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA NUMBERED 12033C0315 G, DATED SEPTEMBER 29, 2006.
9. ABOVE-GROUND UTILITIES AND EVIDENCE OF SUBTERRANEAN UTILITIES ARE SHOWN HEREON. THERE MAY BE ADDITIONAL SUBTERRANEAN UTILITIES WHICH ARE NOT SHOWN HEREON.
10. THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)



LEGEND:

R/W	---	RIGHT OF WAY
D	---	DESCRIPTION
F	---	FIELD
C	---	CALCULATED
LS	---	LICENSED SURVEYOR
LB	---	LICENSED BUSINESS
FFE	---	FINISHED FLOOR ELEVATION
ED	---	ESTIMATED DEPTH OF UTILITY
●	---	1/2" CAPPED METAL ROD LS #5791 (SET)
○	---	1/2" CAPPED METAL ROD LB #5802 (FOUND)
○	---	1/2" CAPPED METAL ROD LB #1532 (FOUND)
○	---	1/2" CAPPED METAL ROD # ILLEGIBLE (FOUND)
○	---	1/2" METAL ROD, NO IDENTIFICATION (FOUND)
○	---	1/2" CAPPED METAL ROD LB #8298 (FOUND)
⊙	---	UTILITY POLE
⊙	---	UTILITY POLE ANCHOR
⊙	---	LIGHT POLE
⊙	---	OVERHEAD UTILITY LINES
⊙	---	WATER METER
⊙	---	MONITORING WELL
⊙	---	SANITARY SEWER MANHOLE



SURVEYOR'S CERTIFICATE:
 I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND COMPLIES WITH THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS & MAPPERS IN CHAPTERS 5J-17.050, 5J-17.051 AND 5J-17.052, PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

RONALD E. RUBEN II, P.S.M. # 5791 _____ DATE _____



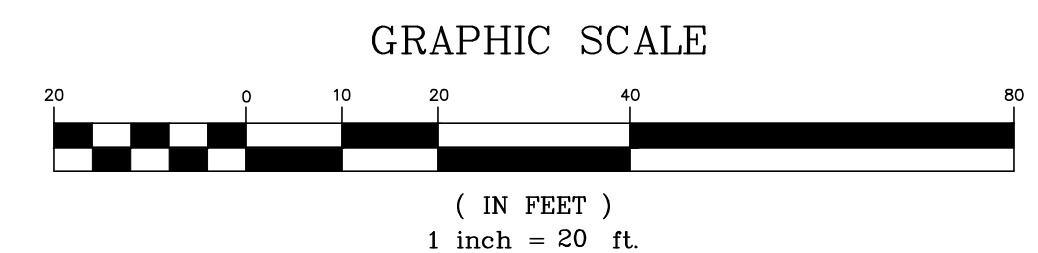
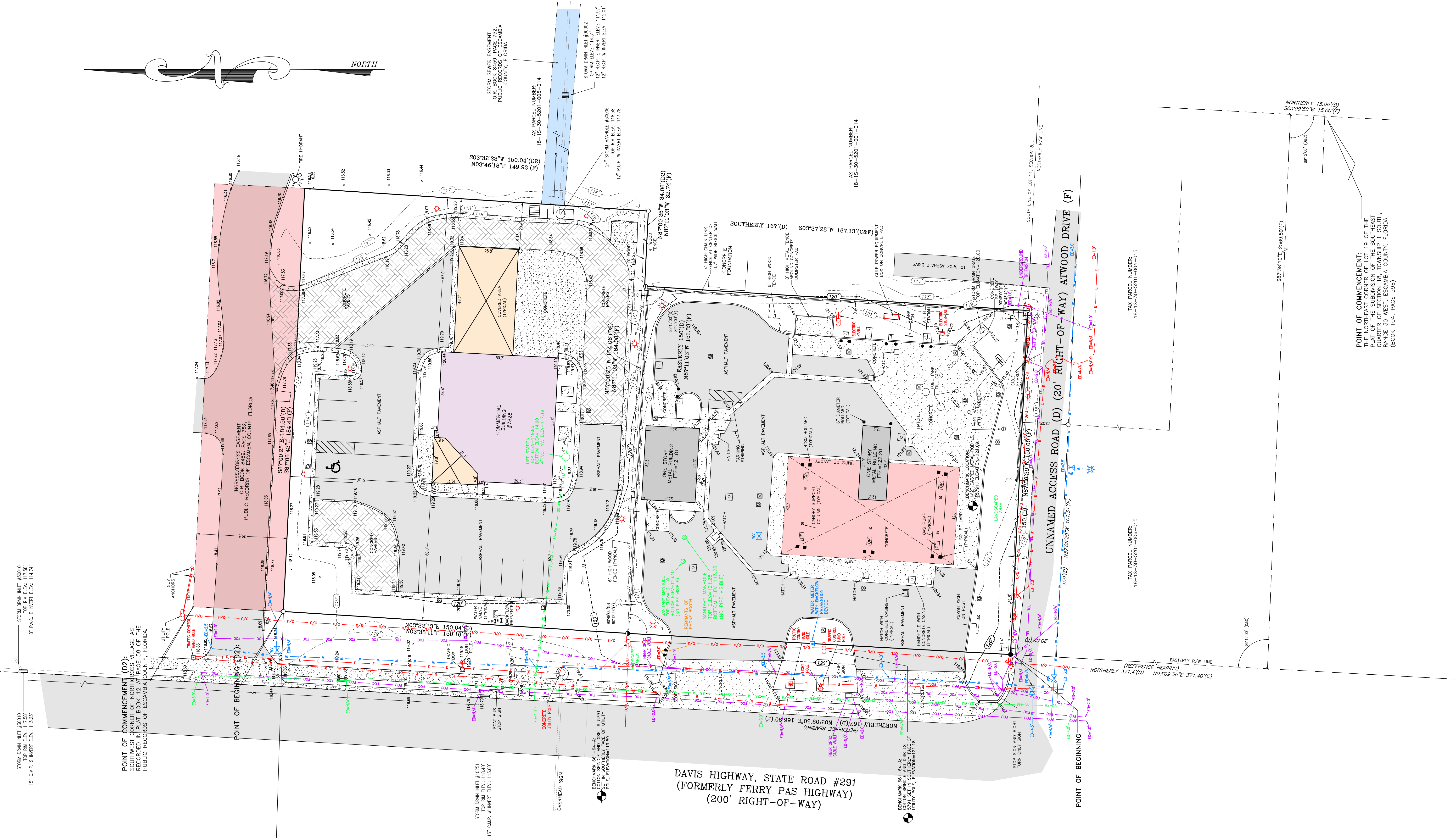
NOTE: THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RONALD E. RUBEN, II ON THE DATE SHOWN IN THE SURVEYOR'S CERTIFICATE BELOW. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THIS SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPY.

JOB NO. 20328-19	REVISION:	APPROVED BY:	ADD UTILITIES: FIELD BOOK	SHEET 1 OF 2
NO. DATE:	11/30/23	RER	18-20	
PAGE:	FIELD BOOK:	FIELD DATE:	FIELD ADDRESS:	
76-77/62, 77/15-16	736/742/744	04/08/21	DAVIS HIGHWAY PARTY	
<p style="font-size: 2em; color: red; margin: 0;">ISSUED FOR BID</p>				
<p style="font-size: 1.5em; color: red; margin: 0;">03/08/2024</p>				

NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

BOUNDARY AND TOPOGRAPHIC SURVEY

© COPYRIGHT 2023 BY RONALD E. RUBEN II, P.S.M.

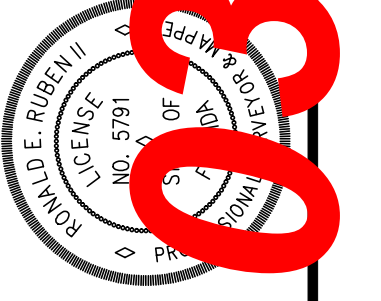


POINT OF COMMENCEMENT:
THE NORTHEAST CORNER OF LOT 19 OF THE PLAT OF THE SUBDIVISION OF THE SOUTHWEST CORNER OF SECTION 14, TOWNSHIP 11 NORTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA (BOOK 104, PAGE 596)

NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

BOUNDARY AND TOPOGRAPHIC SURVEY		JOB NO.: 20328-19	REVISION:	JOB NO. 20328-19
PROPERTY ADDRESS: 2220 NORTH DAVIS HIGHWAY, ESCAMBIA COUNTY, FLORIDA	FIELD DATE: 09/24/19	FIELD BOOK: 661	APPROVED BY:	SHEET 2 OF 2
TOWNSHIP: 11 NORTH	DATE: 03/08/2024	PAGE: 56-62, 64, 65, 67, 72	NO.:	
RANGE: 30 WEST	DATE: 03/08/2024		DATE:	
SECTION: 14	DATE: 03/08/2024		DATE:	

NOTE: THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RONALD E. RUBEN II ON THE DATE SHOWN IN THE SURVEYOR'S CERTIFICATE BELOW. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THIS SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



ISSUED FOR BID 03/08/2024

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

THIS DOCUMENT HAS BEEN BEEN
 DIGITALLY SIGNED AND SEALED BY:
 DAIMIAN LESLIE, P.E.
 FL REG. NO. 73113

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

MDM SERVICES, INC.
 1055 KATHLEEN ROAD,
 LAKELAND FL 33805
 (863)646-9130

OR

2151 W. HILLSBORO BOULEVARD,
 SUITE 401
 DEERFIELD BEACH, FLORIDA 33442
 (954) 427-3076

DAIMIAN LESLIE, P.E.
 FLA REG # 73113

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
 FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004 & 61G15-23.005 FAC

SHEET NO.	SHEET DESCRIPTION
■ CV-S	COVER SHEET
■ SG-1	SIGNATURE SHEET
■ D-1.0	SITE DEMOLITION PLAN
■ C-1.0	SITE PLAN
■ C-1.1	OVERLAY SITE PLAN
■ C-2.0	GRADING & DRAINAGE PLAN
■ C-2.1	DRAINAGE DETAILS
■ C-2.2	DRAINAGE DETAILS
■ C-2.3	DRAINAGE DETAILS
■ C-2.4	DRAINAGE DETAILS
■ C-2.4	DRAINAGE DETAILS
■ C-2.5	DRAINAGE NOTES
■ C-3.0	UTILITY PLAN
■ C-3.1	LIFT STATION
■ C-3.2	ECUA DETAILS
■ C-4.0	UNDERGROUND PIPING PLAN
■ C-5.0	EROSION CONTROL PLAN
■ C-6.0	FDOT DRAINAGE & CURB DETAILS
■ C-6.1	FDOT M.O.T. DETAILS
■ C-6.2	FDOT SIDEWALK RAMP DETAILS
■ C-6.3	FDOT SIDEWALK & SIGN PLACEMENT DETAILS
■ C-6.4	FDOT PAVEMENT MARKING DETAILS
■ C-6.5	FDOT SIGN DETAILS
■ MOT-1	MAINTENANCE OF TRAFFIC PLAN
■ SD-1	STANDARD DETAILS
■ SD-2	ESCAMBIA COUNTY NOTES & SITE DETAIL
■ PH-1.0	PHOTOMETRIC PLAN
■ TR-1	TRUCK PATH PLAN
■ JP-1	JOINT LAYOUT PLAN
■ SG-SP	SITE SIGNAGE PLAN
■ TE-1.0	TRASH ENCLOSURE PLAN
■ TA-0	COVER SHEET
■ TA-1	GENERAL NOTES
■ TA-2	GENERAL NOTES
■ TA-2.1	FUEL PIPING PLAN
■ TA-3	TANK PAD PLAN & DETAILS
■ TA-3.1	TANK & PIPING DETAILS
■ TA-3.2	CONDUIT & ELECTRICAL DETAILS
■ TA-4	TANK SECTIONS
■ TA-4.1	TANK EQUIPMENT DETAILS
■ TA-5	AUTOMOBILE DISPENSER DETAILS
■ TA-6	ELECTRICAL SCHEMATIC, NOTES & DETAILS
■ TA-7	VEEDER ROOT OVERFILL ALARM DETAILS
■ TA-8	HAZARD ZONES

DESIGN TEAM TITLE:



engineering • environmental • construction
 1055 KATHLEEN RD., LAKELAND, FL 33805
 EB #004857 Phone: (863) 646-9130

NO.	DATE	REVISION DESCRIPTION
△ 01/10/24		REVISED PER COUNTY

This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date 01/10/24. Printed copies of this document are not considered signed and sealed and must be verified on any electronic copies.

DAIMIAN D LESLIE, P.E.
 FL. REG #73113

**6,625 SQ. FT.
 BUILDING**

SITE DESIGNATIONS:

**NEW
 CONVENIENCE STORE**

**7822 NORTH DAVENPORT HWY.
 PENSACOLA, FLORIDA**

SCALE: AS NOTED	MDM JOB # 18012
DATE: 11-06-2020	
DESIGNED BY:	
DRAWN BY: SLO/DDB	FILE NAME: 18012 CD.DWG
CHECKED BY:	

DRAWING TITLE:

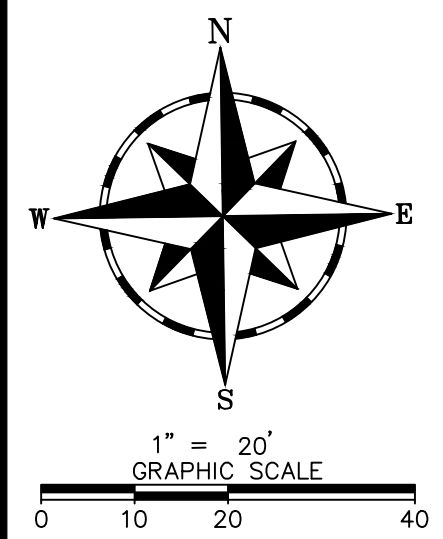
SIGNATURE SHEET

SHEET NO.:

SG1.0



ISSUED FOR BID 03/08/2024



NOTE:
PERIMETER EROSION CONTROL SHALL BE ESTABLISHED PRIOR TO COMMENCEMENT OF WORK, AND INSPECTED & MODIFIED AS NECESSARY THROUGHOUT DEMOLITION AND CONSTRUCTION.

ALL EXISTING ON-SITE IMPROVEMENTS (IF ANY), ABOVE & BELOW GROUND, STRUCTURES, LANDSCAPING, ETC. TO BE COMPLETELY DEMOLISHED AND REMOVED; UNLESS OTHERWISE NOTED TO REMAIN.

EXISTING WATER AND SANITARY SERVICE LINES TO BE CUT, AND TEMPORARILY CAPPED, AT PROPERTY BOUNDARIES.

NOTE

CONTRACTOR TO CONTACT COUNTY REPRESENTATIVE BEFORE DOING ANY WORK INSIDE TREE BARRICADE

GENERAL SCOPE OF WORK NOTES:

CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND 10 DAY NOTICE OF DEMOLITION FOR BUILDING & SITE TEAR DOWN, REMOVAL AND CLEAN-UP, DESCRIBED FOLLOWING:

- INSTALL 5' (MIN) HIGH TEMPORARY CHAIN LINK FENCE AROUND CONSTRUCTION SITE.
- DISCONNECTION OF EXISTING ELECTRICAL, TELEPHONE, WATER, AND SEWER SERVICES TO SITE.
- INSTALLATION OF EROSION AND SEDIMENTATION PROTECTION PERIMETER OF PROPERTY AND DRAINAGE STRUCTURES AS OCCUR.
- REMOVAL OF ALL EXISTING STRUCTURES
- REMOVAL OF DRIVEWAY CONCRETE/PAVEMENT, SIDEWALKS, UG UTILITIES (ELECTRICAL, WATER, SEWER & STORM DRAINAGE NOT DESIGNATED TO REMAIN).

EROSION CONTROL NOTES:

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

SITE EROSION CONTROLS SHALL BE CHECKED AND IF NECESSARY, REPAIRED WEEKLY AND WITHIN 24 HOURS AFTER EACH RAINFALL 1/2". IN THE EVENT OF CONTINUOUS RAINFALL, EROSION CONTROLS SHALL BE CHECKED DAILY.

EROSION AND SEDIMENTATION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES WILL BE INSTALLED AS DEEMED NECESSARY BY ONSITE INSPECTION.

ALL EROSION CONTROL MEASURES ARE TO CONFORM TO THE STANDARDS SET FORTH IN THE USDA "PLANNING AND DESIGN MANUAL FOR EROSION AND SEDIMENT CONTROL", AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) "STORMWATER BMP MANUAL FOR BEST MANAGEMENT PRACTICES", CURRENT EDITIONS.

ALL AREAS TO REMAIN BARE > 15 DAYS MUST BE TEMPORARILY STABILIZED.

WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE.

INSPECTIONS: CONTRACTOR SHALL INSPECT AND DOCUMENT EROSION AND SEDIMENT CONTROL MEASURES AND REPAIR AS NEEDED MIN. 2 TIMES PER WEEK AND AT LEAST 72 HOURS APART.

TREE PROTECTION NOTES:

BARRIER REQUIREMENTS AND SPECIFICATIONS: PROTECTIVE BARRIERS ARE USED DURING LAND ALTERATIONS AND CONSTRUCTION ACTIVITIES TO PROTECT TREES AND NATURAL AREAS TO BE RETAINED ON A SITE.

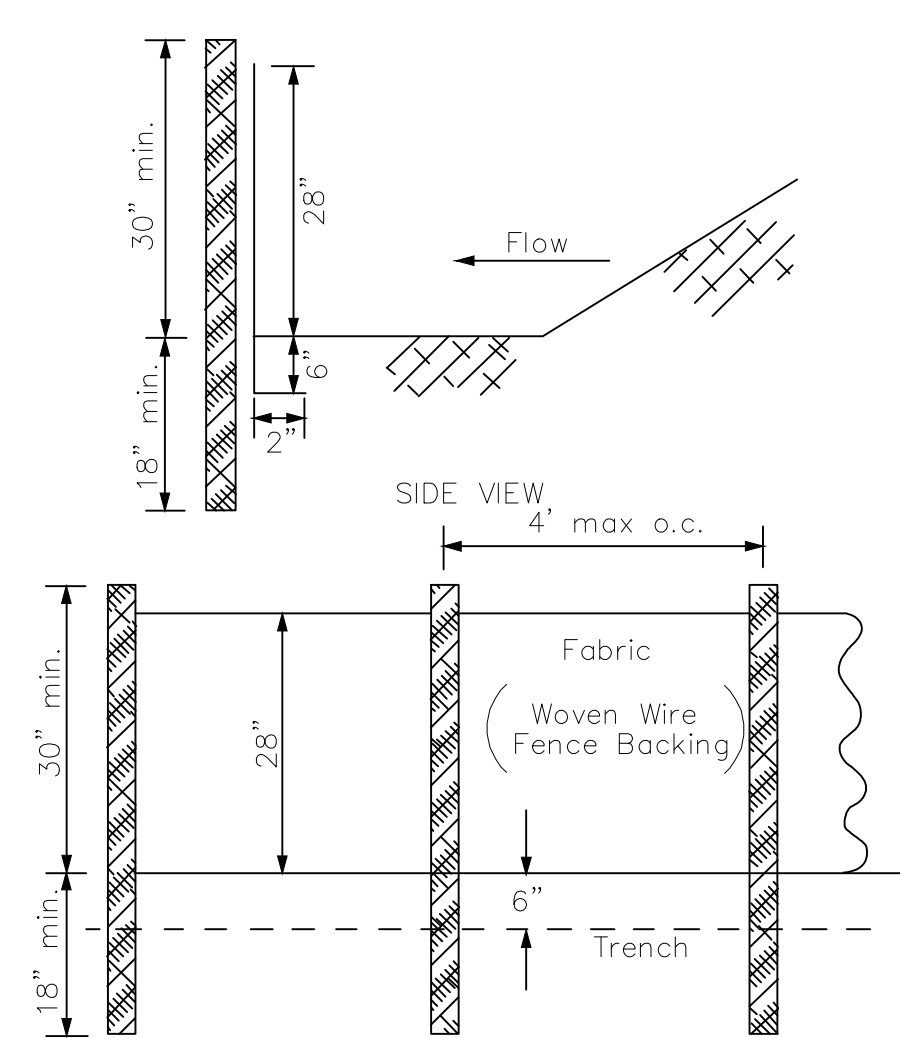
PROTECTIVE BARRIERS MUST BE ERECTED AROUND TREES TO BE RETAINED WITHIN AN AREA WHERE LAND ALTERATION AND CONSTRUCTION ACTIVITIES WILL OCCUR AS WELL AS ALONG NATURAL AREAS WHERE SUCH AREAS ARE ADJACENT TO PERMITTED LAND ALTERATION OR CONSTRUCTION ACTIVITIES. A PROTECTIVE BARRIER MUST REMAIN IN PLACE UNTIL THE LAND ALTERATION AND CONSTRUCTION ACTIVITIES ARE COMPLETED OR UNTIL COMMENCEMENT OF GRADE FINISHING AND SODDING. NO GROUND DISTURBANCE MUST OCCUR WITHIN THE BARRICADED AREA.

TREES: TO RESTRICT ACCESS INTO THE AREA WITHIN THE DRIPLINE OF A TREE, A PHYSICAL STRUCTURE NOT LESS THAN 3 FEET IN HEIGHT, COMPRISED OF WOOD OR OTHER SUITABLE MATERIAL, IS PLACED AROUND THE TREE AT THE DRIPLINE, EXCEPT WHERE LAND ALTERATION OR CONSTRUCTION ACTIVITIES ARE APPROVED WITHIN THE DRIPLINE.

THE DRIP LINE OF A TREE IS THE IMAGINARY VERTICAL LINE THAT EXTENDS DOWNWARD FROM THE OUTERMOST TIPS OF THE TREE BRANCHES TO THE GROUND (FIGURE A).

BARRIER SPECIFICATIONS FOR TREES: FOUR CORNER UPRIGHT STAKES OF NO LESS THAN 2" X 2" LUMBER CONNECTED BY HORIZONTAL MEMBERS OF NO LESS THAN 1" X 4" LUMBER, OR UPRIGHT STAKES SPACED AT 4'-5" INTERVALS OF NO LESS THAN 2" X 2" LUMBER, CONNECTED BY TWINE FLAGGED WITH PLASTIC SURVEYING TAPE AT REGULAR INTERVALS. (FIGURE B)

DRAINAGE NOTE:
CONTRACTOR SHALL INSTALL TEMPORARY DRAINAGE PIPES IF EXISTING DRAINAGE FLOW IS IMPEDED PRIOR TO POST DEVELOPMENT IMPROVEMENTS



Sd1 SILT FENCE
NOTE: Use 36" FDOT approved fabric. Use steel posts. - only

GENERAL NOTES:

- CONSTRUCTION MATERIALS, ASSEMBLIES AND PROCEDURES ARE TO FOLLOW LOCALLY ADOPTED BUILDING CODES AND SUPPLEMENTARY ORDINANCES. WHEN A CONFLICT OCCURS BETWEEN SUCH LOCAL CODES AND INFORMATION SHOWN ON THE PLANS CONSULT ENGINEER OF RECORD FOR RESOLUTION PRIOR TO COMMENCING WORK.
- CONTRACTOR IS TO NOTIFY ENGINEER OF RECORD IF SITE CONDITIONS OR DIMENSIONS DISAGREE WITH INFORMATION SHOWN ON THE DRAWINGS. WORK IS NOT TO PROCEED UNTIL SUCH DIFFERENCES ARE RESOLVED.
- DRAWINGS SHALL NOT BE SCALED. "NOT TO SCALE" (INDICATED AS N.T.S.) AND THE LISTED DIMENSIONS GOVERN.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR DAMAGE TO THE WORK OF EACH OF THE OTHER TRADES CAUSED BY HIS OPERATIONS. REPAIR WORK MUST RECEIVE THE PRIOR APPROVAL OF THE COMPANY REPRESENTATIVE.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES AND FOR PROTECTING THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE COST OF REPAIR OR REPLACEMENT TO UTILITIES DAMAGED BY THE CONTRACTOR.
- G.C. SHALL PROVIDE EROSION CONTROL/SEDIMENTATION BARRIER (HAY BALES OR SILTATION CURTAIN) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS, AND WATERWAYS.
- INGRESS AND EGRESS TO SITE, DURING CONSTRUCTION, IS ALLOWED ONLY THROUGH APPROVED SITE DRIVEWAYS.

NOTE:

- ALL EROSION CONTROL MEASURES SHALL COMPLY WITH THE COUNTY AND STATE STANDARDS FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORMWATER MANAGEMENT OF CONSTRUCTION SITES AND URBAN AREAS (LATEST EDITION).
- EROSION CONTROL SHALL BE INSPECTED BY THE COUNTY PRIOR TO ISSUANCE OF ANY PERMITS FOR WORK ON-SITE.
- SEE SHEET C-5.0 (EROSION CONTROL PLAN) FOR ADDITIONAL EROSION CONTROL INFORMATION.

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33857 Phone: (863) 913-9130

NO.	DATE	REVISION DESCRIPTION
1	02/13/24	REVISED PER ECUA COMMENTS
2	12/11/23	REVISED PER ECUA COMMENTS
3	09/21/21	REVISED PER COUNTY COMMENTS

This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date 02/13/24. Printed copies of this document are not considered signed and sealed. All signatures must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
FL. REG #73113

6,625 SQ. FT. BUILDING

NEW CONVENIENCE STORE

7822 NORTH DAVIS HWY. PENSACOLA, FLORIDA

SCALE: AS NOTED	MDM JOB # 18012
DATE: 11-06-2020	
DESIGNED BY:	
DRAWN BY: SLO/DBB	FILE NAME: 18012_CD.DWG
CHECKED BY:	
DRAWING TITLE: DEMOLITION SITE PLAN	
SHEET NO. D1.0	

DEMO LEGEND:

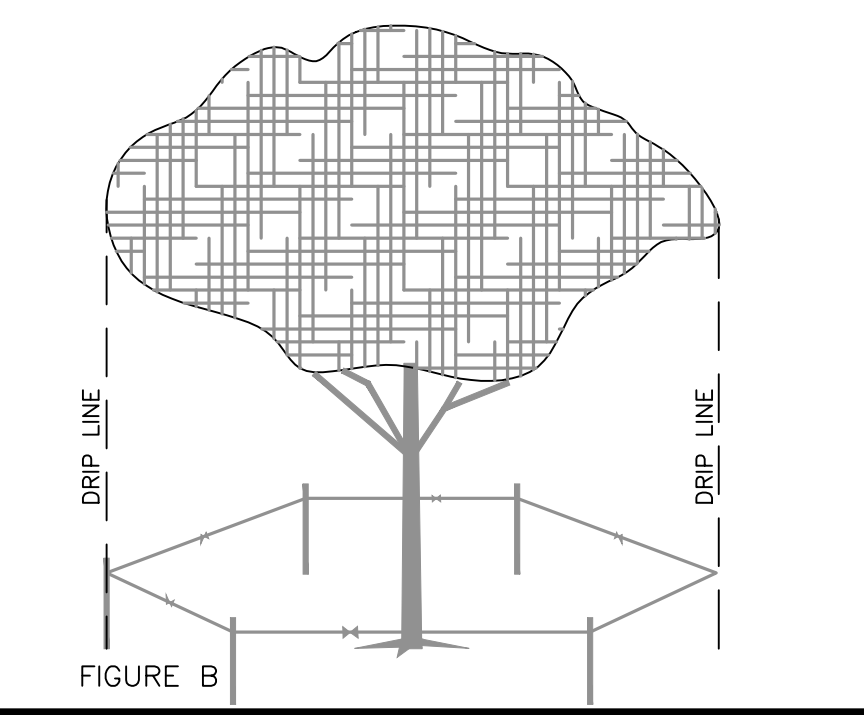
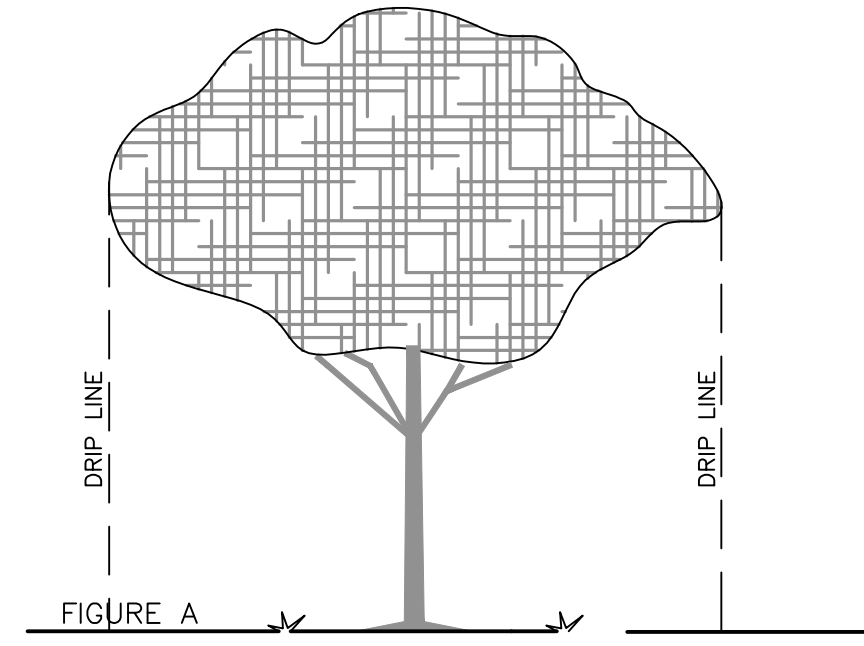
- EXIST. CONCRETE PAVEMENT TO BE REMOVED
- EXIST. CONCRETE PAVERS TO BE REMOVED
- EXIST. CONCRETE PAVEMENT TO REMAIN
- LIMITS OF EASEMENT

TREE PROTECTION LEGEND

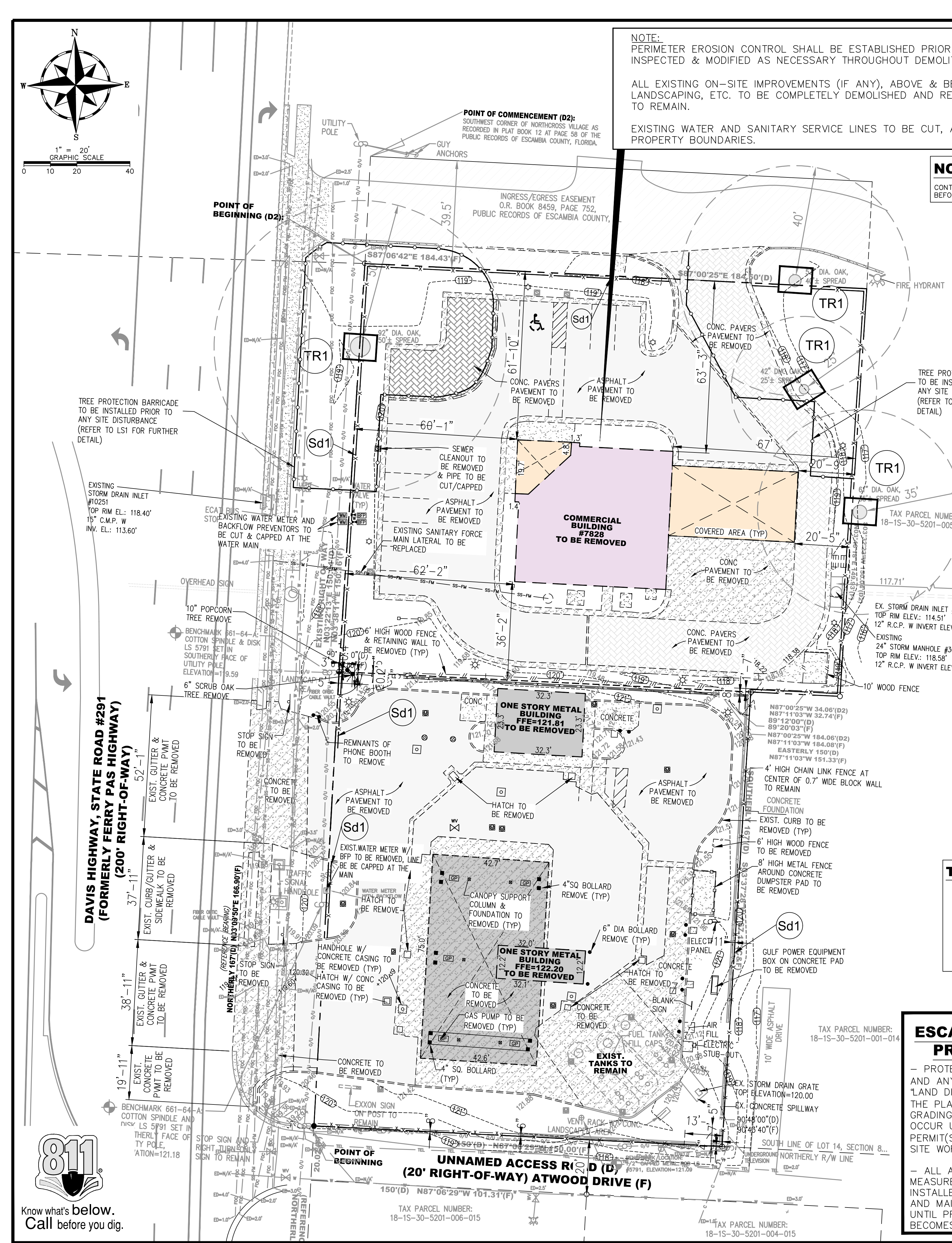
- EXISTING TREE TO BE REMOVED
 - EXISTING TREE TO REMAIN AND BE PROTECTED
- NOTE: PROTECT ALL TREES OUTSIDE THE LIMITS OF CONSTRUCTION WITHIN 10' OF PROPOSED CONSTRUCTION ACTIVITIES.

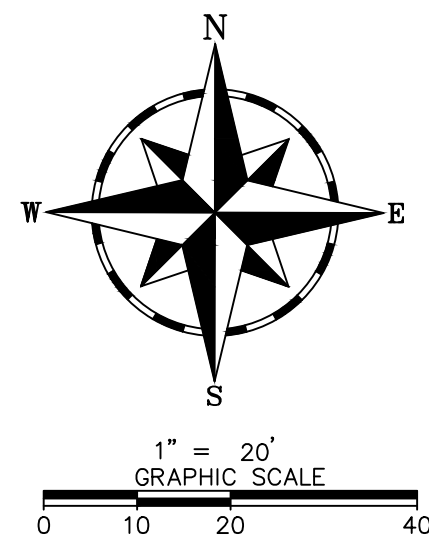
ESCAMBIA COUNTY TREE PROTECTION NOTES:

- PROTECTED TREES SHALL REMAIN ONSITE AND ANY DEMO WORK, LAND CLEARING/LAND DISTURBING ACTIVITIES, INCLUDING THE PLACEMENT OF FILL/FILL MATERIALS, GRADING, EXCAVATING, ETC. SHALL NOT OCCUR UNTIL SUCH TIME AS APPROPRIATE PERMIT(S) ARE ISSUED FOR THE PROPOSED SITE WORK
- ALL ADEQUATE TREE PROTECTION MEASURES AND BARRICADES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE AND MAINTAINED IN GOOD WORKING ORDER UNTIL PROJECT IS COMPLETE, AND SITE BECOMES STABILIZED.



DAVIS HIGHWAY, STATE ROAD #291 (FORMERLY FERRY PAS HIGHWAY) (200' RIGHT-OF-WAY)



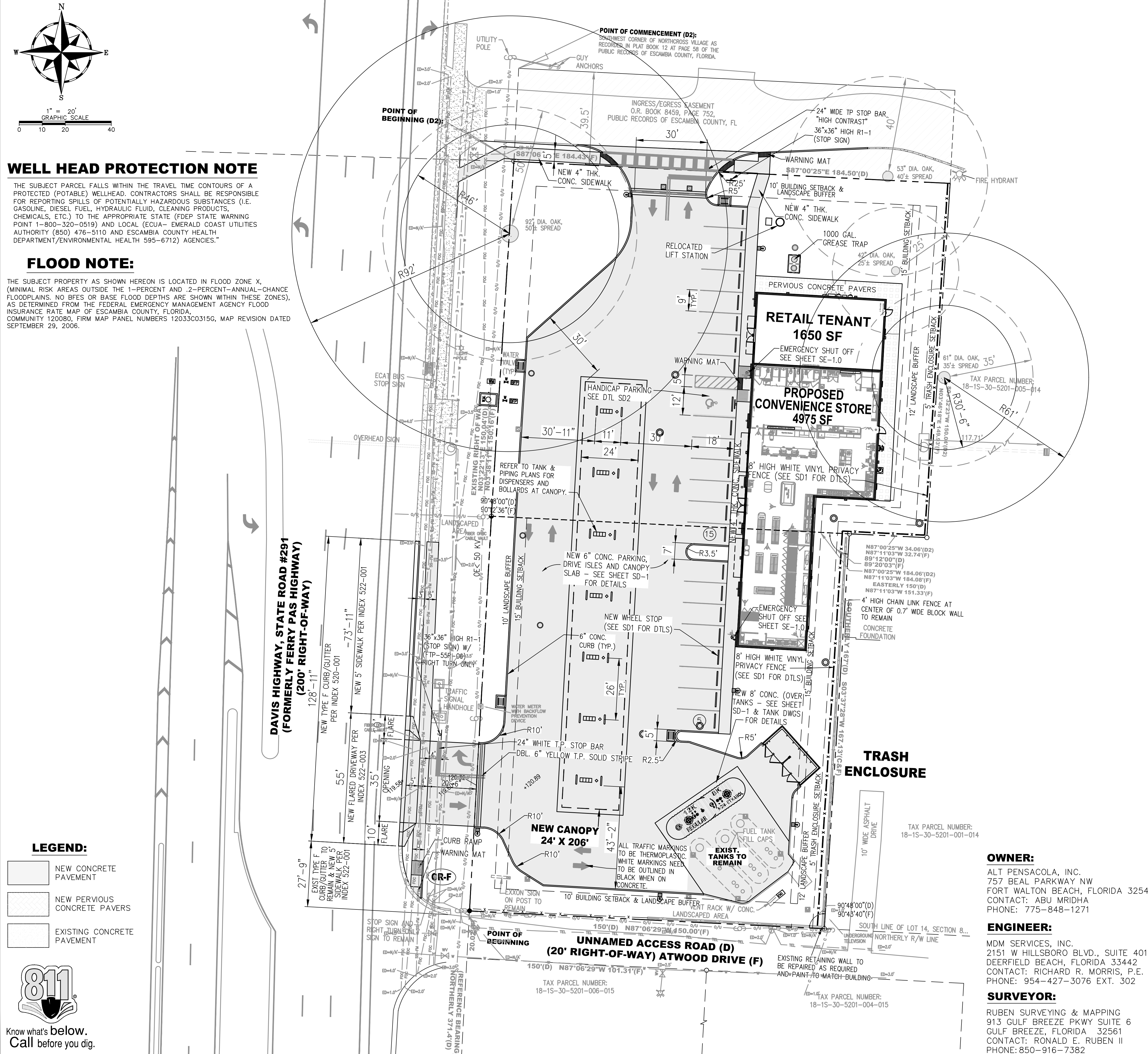


WELL HEAD PROTECTION NOTE

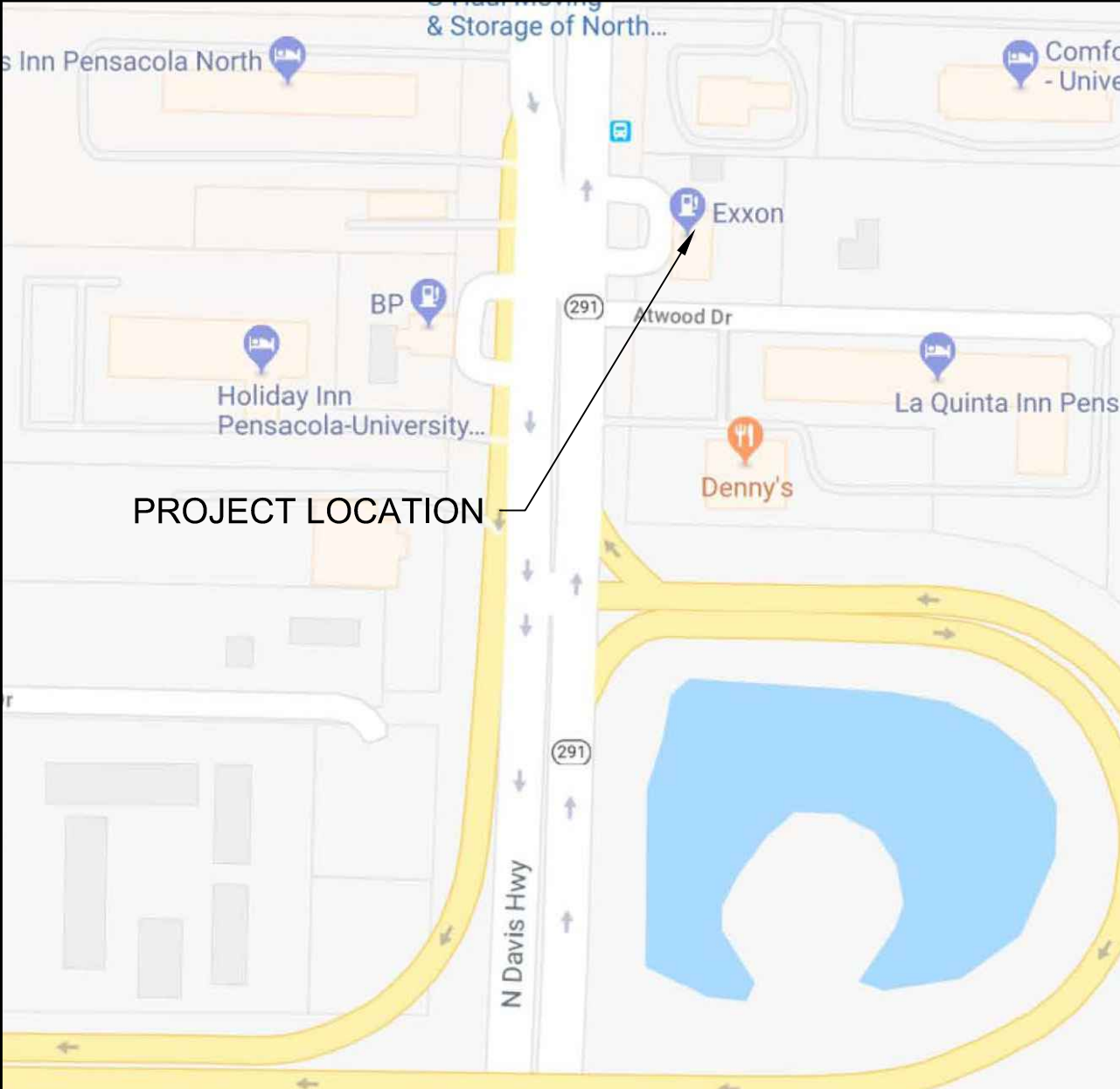
THE SUBJECT PARCEL FALLS WITHIN THE TRAVEL TIME CONTOURS OF A PROTECTED (POTABLE) WELLHEAD. CONTRACTORS SHALL BE RESPONSIBLE FOR REPORTING SPILLS OF POTENTIALLY HAZARDOUS SUBSTANCES (I.E. GASOLINE, DIESEL FUEL, HYDRAULIC FLUID, CLEANING PRODUCTS, CHEMICALS, ETC.) TO THE APPROPRIATE STATE (FDEP STATE WARNING POINT 1-800-320-0519) AND LOCAL (ECUA- EMERALD COAST UTILITIES AUTHORITY (850) 476-5110 AND ESCAMBA COUNTY HEALTH DEPARTMENT/ENVIRONMENTAL HEALTH 595-6712) AGENCIES."

FLOOD NOTE:

THE SUBJECT PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE X, (MINIMAL RISK AREAS OUTSIDE THE 1-PERCENT AND 2-PERCENT-ANNUAL-CHANCE FLOODPLAINS. NO BFES OR BASE FLOOD DEPTHS ARE SHOWN WITHIN THESE ZONES), AS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBA COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBERS 12033C0315G, MAP REVISION DATED SEPTEMBER 29, 2006.



- LEGEND:**
- NEW CONCRETE PAVEMENT
 - NEW PERVIOUS CONCRETE PAVERS
 - EXISTING CONCRETE PAVEMENT



SITE DATA:
EXISTING SITE AREAS:
PARCEL NO: (18-15-30-5201-000-014)
 ± 27,643.61 SF OR 0.635 ACRES M.O.L.
PARCEL NO: (18-15-30-5201-002-014)
 ± 25,162.64 SF OR 0.578 ACRES M.O.L.
 TOTAL PARCEL AREA FOR DESIGN: 1.212 ACRES M.O.L.
EXISTING SITE AREAS (COMBINED PARCELS):
 TOTAL SITE AREA: 52,806.25 SQ.FT. OR 1.212 ACRES M.O.L.
 TOTAL PERVIOUS AREA: 12,947.09 SQ.FT. OR 24.52% OF SITE
 TOTAL "TRUE" IMPERVIOUS AREA: 35,179.08 SQ.FT. OR 66.62% OF SITE
 TOTAL "SEMI" IMPERVIOUS AREA: 4,680.08 SQ.FT. OR 8.86% OF SITE (PERVIOUS CONCRETE PAVERS)
 GRAND TOTAL IMPERVIOUS AREA: 39,859.16 SQ.FT. OR 75.48% OF SITE

PROPOSED SITE AREAS (COMBINED PARCELS):
 TOTAL SITE AREA: 52,806.25 SQ.FT. OR 1.212 ACRES M.O.L.
 TOTAL PERVIOUS AREA: 16,402.82 SQ.FT. OR 31.06% OF SITE
 TOTAL "TRUE" IMPERVIOUS AREA: 35,431.09 SQ.FT. OR 67.10% OF SITE
 TOTAL "SEMI" IMPERVIOUS AREA: 972.34 SQ.FT. OR 1.58% OF SITE (PERVIOUS CONCRETE PAVERS)
 GRAND TOTAL IMPERVIOUS AREA: 36,403.43 SQ.FT. OR 68.94% OF SITE

FLOOR AREAS: (1-STORY BUILDING)
 TOTAL BLDG. SQ.FT. 6,625.00 SQ.FT. OR 12.55% OF SITE
 TOTAL BLDG. HEIGHT 23'-10"

PROPOSED CANOPY AREA:
 PROPOSED 206' x 24'
 CANOPY AREA: 4,944.00 SQ.FT. COVERING 9.36% OF SITE
 TOTAL CANOPY HEIGHT 20'-6" OAH / 17'-6" CLEAR

PARKING:
PARKING REQUIRED:
 CONVENIENCE STORE 4975 SF / 1000 = 4.975 X 3 = 15 SPACES (3 SPACE PER 1000 SF GROSS FLOOR AREA)
 RETAIL TENANT SPACE - 1650 SF / 1000 - 1.65 X 3 = 5 SPACES
 TOTAL SPACES REQUIRED: 20 SPACES

PARKING PROVIDED:
 (1) 12'x18' HANDICAP SPACE W/5' UNLOADING ZONE
 (22) 9'x18' STANDARD PARKING SPACES
 (23) TOTAL SPACES PROVIDED = 20 SPACES REQUIRED

RIGHT OF WAY DRAINAGE NOTE:
 WORK PROPOSED NEXT TO THE R/W WITH EXISTING SWALES SYSTEMS MAY REQUIRE ADDITIONAL PROVISIONS TO REPAIR/RESTORE EXISTING DRAINAGE SWALES AS NEEDED TO ENSURE ADEQUATE DRAINAGE. R/W SHOULDER STABILIZATION SHOULD BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION LATEST EDITION.

FDOT GENERAL NOTE:
 THE DEPARTMENT WILL REVIEW ALL LANE/SIDEWALK CLOSURE, DETOUR, AND LANE SHIFT REQUESTS SEPARATELY FROM THE PERMIT PROCESS. FDOT APPROVAL IS REQUIRED BEFORE COMMENCEMENT OF WORK INVOLVING THE CLOSURE, DETOUR, OR LANE SHIFT FOR WORK ALONG THE STATE HIGHWAY SYSTEM

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN RD., LAKELAND, FL 34487 Phone: (863) 913-9130

NO.	DATE	REVISION DESCRIPTION
09/21/21		REVISED PER COUNTY

This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date 09/21/2024. Printed copies of this document are not considered signed and sealed and their nature must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
 FL. REG #73113

6,625 SQ. FT. BUILDING

NEW CONVENIENCE STORE
7822 NORTH DAVIS HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM JOB # 18012
 DATE: 11-06-2020
 DESIGNED BY:
 DRAWN BY: SLO/DBB FILE NAME:
 CHECKED BY: 18012 CD
 DRAWING TITLE:

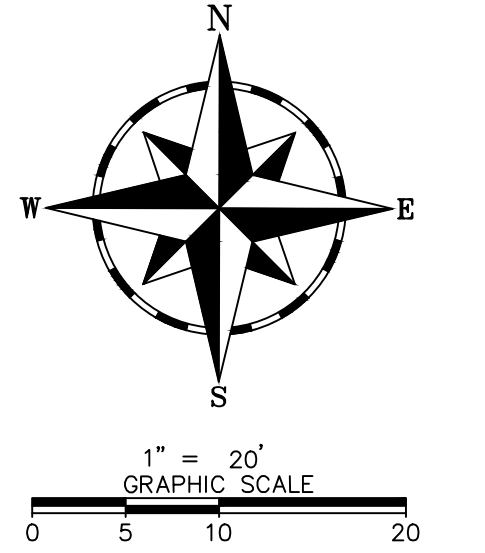
SITE PLAN
 SHEET NO:
C1.0

ISSUED FOR BID 03/08/2024

OWNER:
 ALT PENSACOLA, INC.
 757 BEAL PARKWAY NW
 FORT WALTON BEACH, FLORIDA 32547
 CONTACT: ABU MRIDHA
 PHONE: 775-848-1271

ENGINEER:
 MDM SERVICES, INC.
 2151 W HILLSBORO BLVD., SUITE 401
 DEERFIELD BEACH, FLORIDA 33442
 CONTACT: RICHARD R. MORRIS, P.E.
 PHONE: 954-427-3076 EXT. 302

SURVEYOR:
 RUBEN SURVEYING & MAPPING
 913 GULF BREEZE PKWY SUITE 6
 GULF BREEZE, FLORIDA 32561
 CONTACT: RONALD E. RUBEN II
 PHONE: 850-916-7382



room at U-Haul...
g supply store



CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33853
EB #004857 Phone: (863) 919-9130

NO.	DATE	REVISION DESCRIPTION
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DAIMIAN D. LESLIE, P.E.
FL. REG #73113
6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA

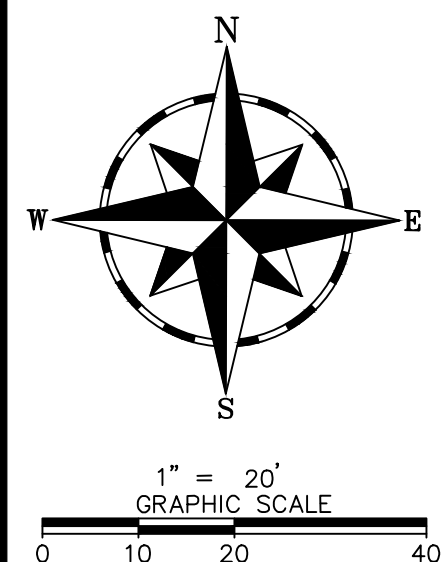
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DATE: 11-06-2020	
DESIGNED BY:	
DRAWN BY: SLO/DBB	FILE NAME: 18012_CD.DWG
CHECKED BY:	

DRAWING TITLE:
OVERLAY SITE PLAN

SHEET NO.:
C1.1



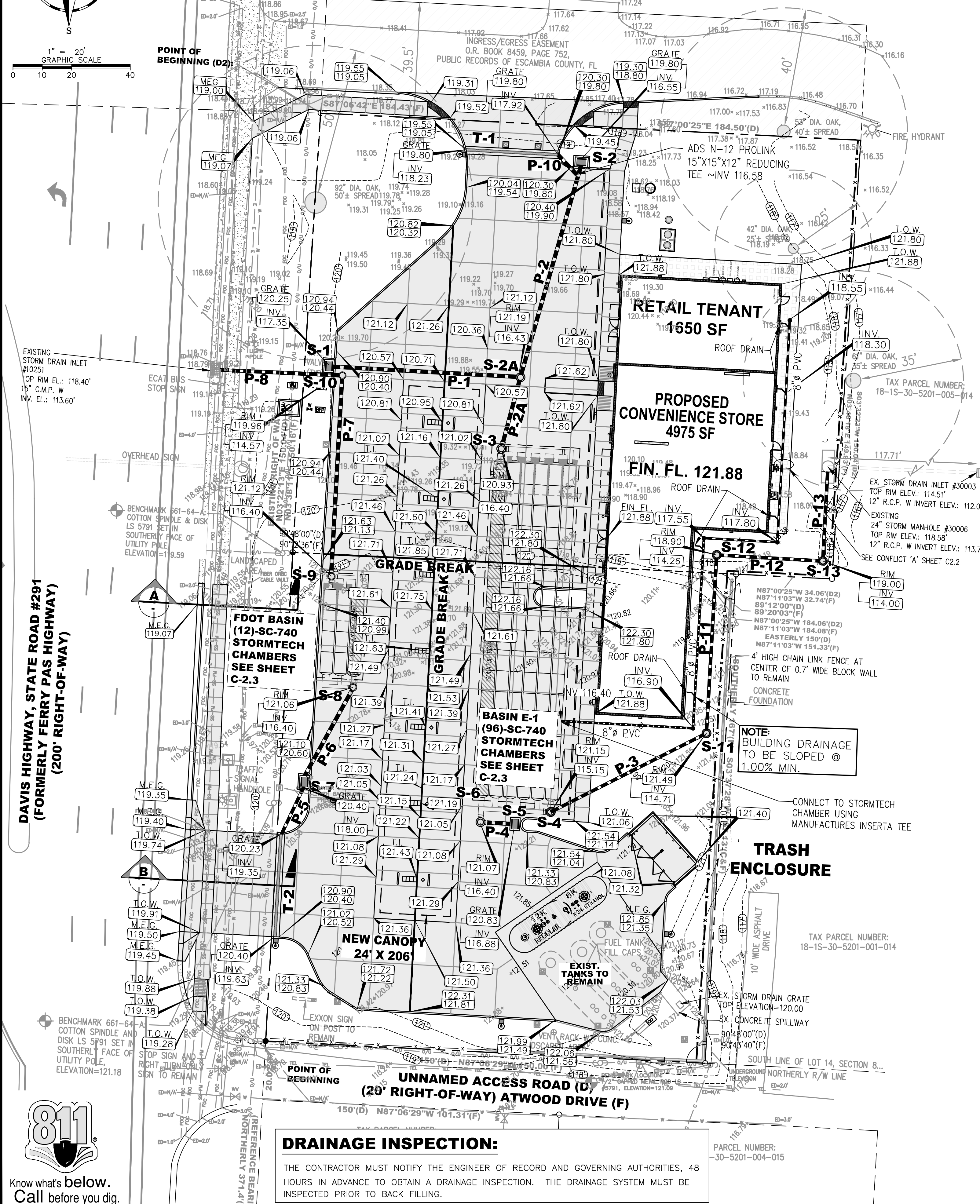
ISSUED FOR BID 03/08/2024



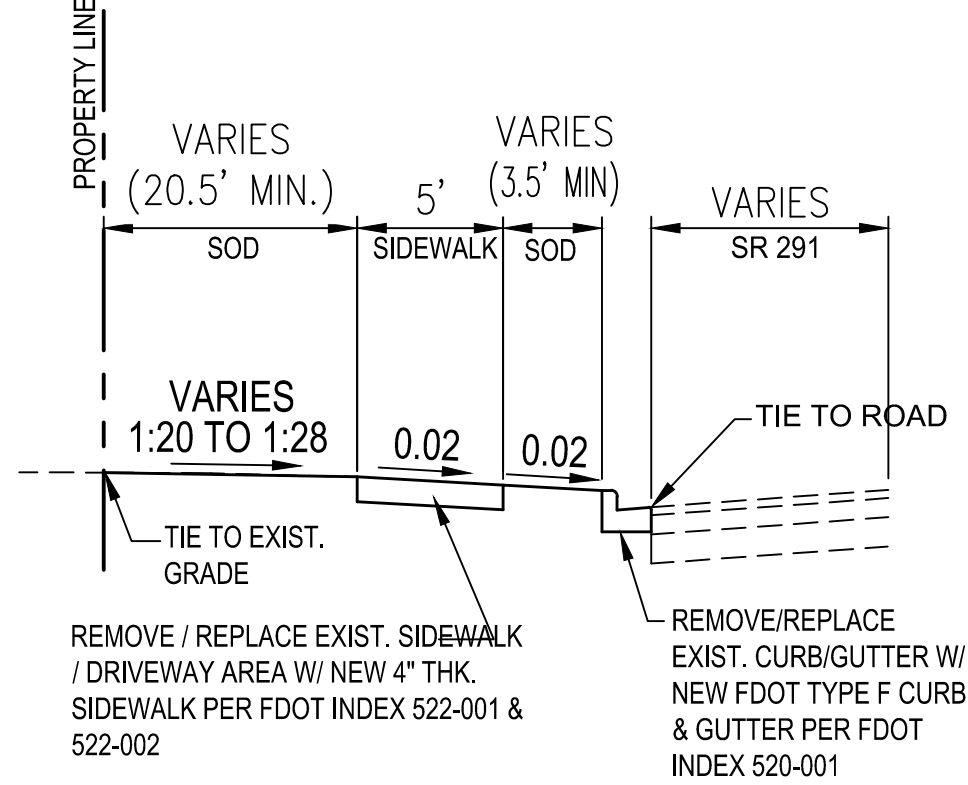
DAVIS HIGHWAY, STATE ROAD #291
(FORMERLY FERRY PAS HIGHWAY)
(200' RIGHT-OF-WAY)



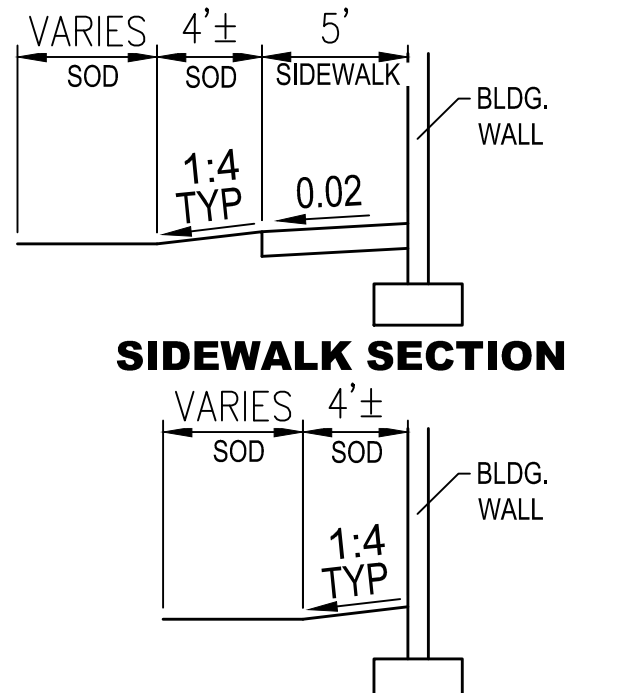
NOTE:
HYDROKLEEN FILTRATION INSERTS ARE REQUIRED AT ALL DRAINAGE INLETS. REFER TO SHEET C-2.2 FOR DETAILS



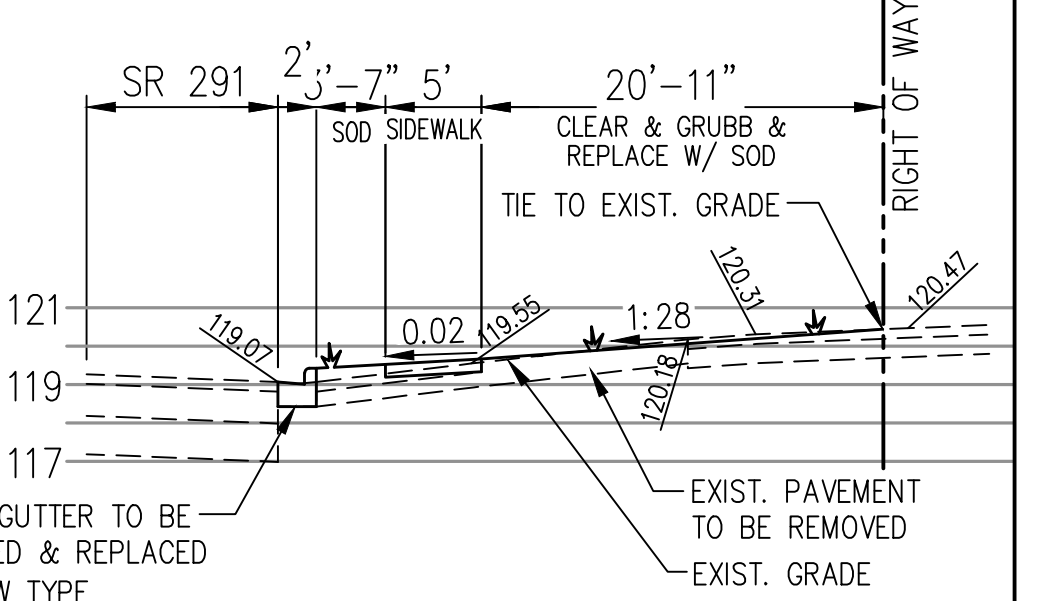
DRAINAGE INSPECTION:
THE CONTRACTOR MUST NOTIFY THE ENGINEER OF RECORD AND GOVERNING AUTHORITIES, 48 HOURS IN ADVANCE TO OBTAIN A DRAINAGE INSPECTION. THE DRAINAGE SYSTEM MUST BE INSPECTED PRIOR TO BACK FILLING.



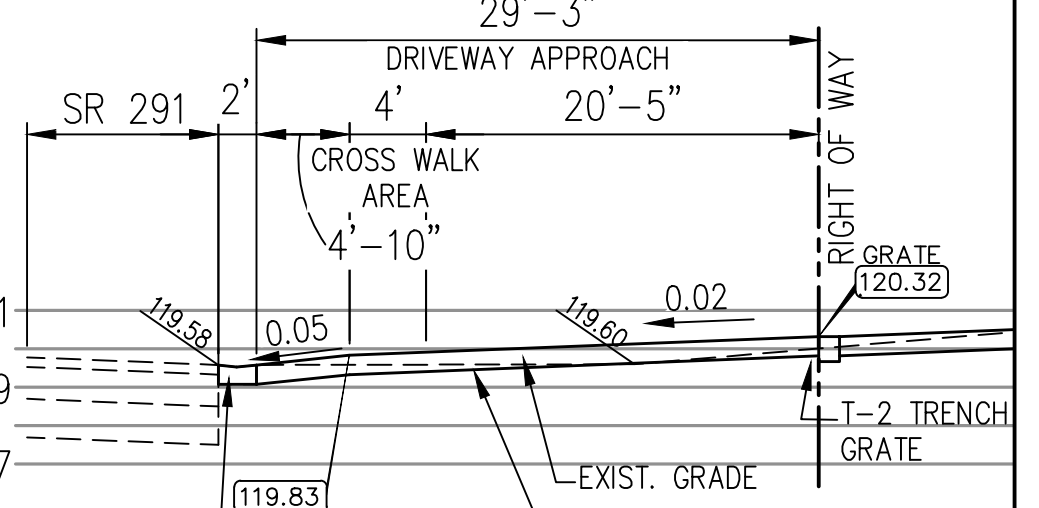
TYPICAL SIDEWALK SECTION
NO SCALE



SIDEWALK SECTION
TYPICAL SECTION AT BACK OF BLDG
NO SCALE



SECTION A
SCALE: HORZ. 1"=10'
VERT. 1"=5'



SECTION B
SCALE: HORZ. 1"=10'
VERT. 1"=5'

NOTE:
EXISTING 15" RCP PIPE TO BE CLEANED (MAINTAINED)

SITE DATA:
EXISTING SITE AREAS (COMBINED PARCELS):
TOTAL SITE AREA: 52,806.25 SQ.FT. OR 1.212 ACRES M.O.L.
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TOTAL "SEMI" IMPERVIOUS AREA: 972.34 SQ.FT. OR 1.58% OF SITE
GRAND TOTAL IMPERVIOUS AREA: 36,403.43 SQ.FT. OR 68.94% OF SITE
RESULTING DECREASE IN IMPERVIOUS SURFACE: 252.01 SF

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STRUCTURE DESCRIPTION	TOP ELEV. "A"	BOTTOM ELEV. "B"	DEPTH "C"	PIPE OPENING INFORMATION "D"		
					SIZE	INVERT	DIRECTION
1	CATCH BASIN Sht C 2.1	120.25	116.35	3.90'	15" HDPE	117.35	E
2	CATCH BASIN Sht C 2.1	119.80	115.55	4.25'	15" HDPE	116.55	SE
2A	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER W/ 2' SUMP	121.19	114.43	6.76'	15" HDPE	116.43	NE SW
3	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER W/ 2' SUMP	120.93	114.40	6.53'	15" HDPE 18" HDPE	116.40 116.40	NE E S
4	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	121.15	114.40	6.75'	18" HDPE	116.40	N
					12" HDPE	115.15	NE
DIVERTER PLATE TOP 116.90							
4	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	121.15	114.40	6.75'	18" HDPE 12" HDPE	116.40 115.15	N W NE
OUTFLOW ORIFICE ELEVATION 116.90							
5	CATCH BASIN Sht C 2.1	120.83	115.88	4.95'	15" HDPE	116.88	NW
6	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER W/ 2' SUMP	121.07	114.40	6.67'	15" HDPE 18" HDPE	116.40 116.40	SE N E
7	CATCH BASIN Sht C 2.1	120.40	117.00	3.40'	15" HDPE 12" PVC	118.00 118.00	NE SW
8	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER W/ 2' SUMP	121.06	114.40	6.66'	15" HDPE 18" HDPE	116.40 116.40	N W
DIVERTER PLATE TOP 116.90							
9	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	121.12	115.90	5.22'	15" HDPE 18" HDPE	116.40 116.40	N S E
OUTFLOW ORIFICE ELEVATION 116.95							
10	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	119.96	114.07	5.89'	15" CMP 15" HDPE	114.57 114.57	W S
11	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	121.49	114.07	7.42'	12" HDPE 12" HDPE	114.71 114.71	SW N
12	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	118.90	114.07	4.83'	12" HDPE 12" HDPE	114.26 114.26	S E
13	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	119.00	114.00	5.00'	12" HDPE 12" HDPE	114.00 114.00	N W

PIPE SCHEDULE

PIPE NO.	LF	PIPE	SLOPE	UP INV.	DN. INV.
P-1	63	15" NDPE	1.00%	117.06	116.43
P-2	74	15" HDPE	0.16%	116.55	116.43
P-2A	25	15" HDPE	0.16%	116.43	116.40
P-3	60	12" HDPE	0.73%	115.15	114.71
P-4	22	15" HDPE	2.0%	116.88	116.40
P-5	45	12" PVC	1.20%	118.54	118.00
P-6	35	15" HDPE	4.57%	118.00	116.40
P-7	68	15" HDPE	2.69%	116.40	114.57
P-8	41	15" CMP	2.0%	114.57	113.75
P-9	7	12" PVC	1.0%	117.42	117.35
P-10	4	12" PVC	1.50%	116.64	116.58
P-11	61	12" HDPE	0.73%	114.71	114.26
P-12	36	12" HDPE	0.73%	114.26	114.00
P-13	31	12" HDPE	0.72%	114.00	113.80

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33853
TEL: (863) 913-9130

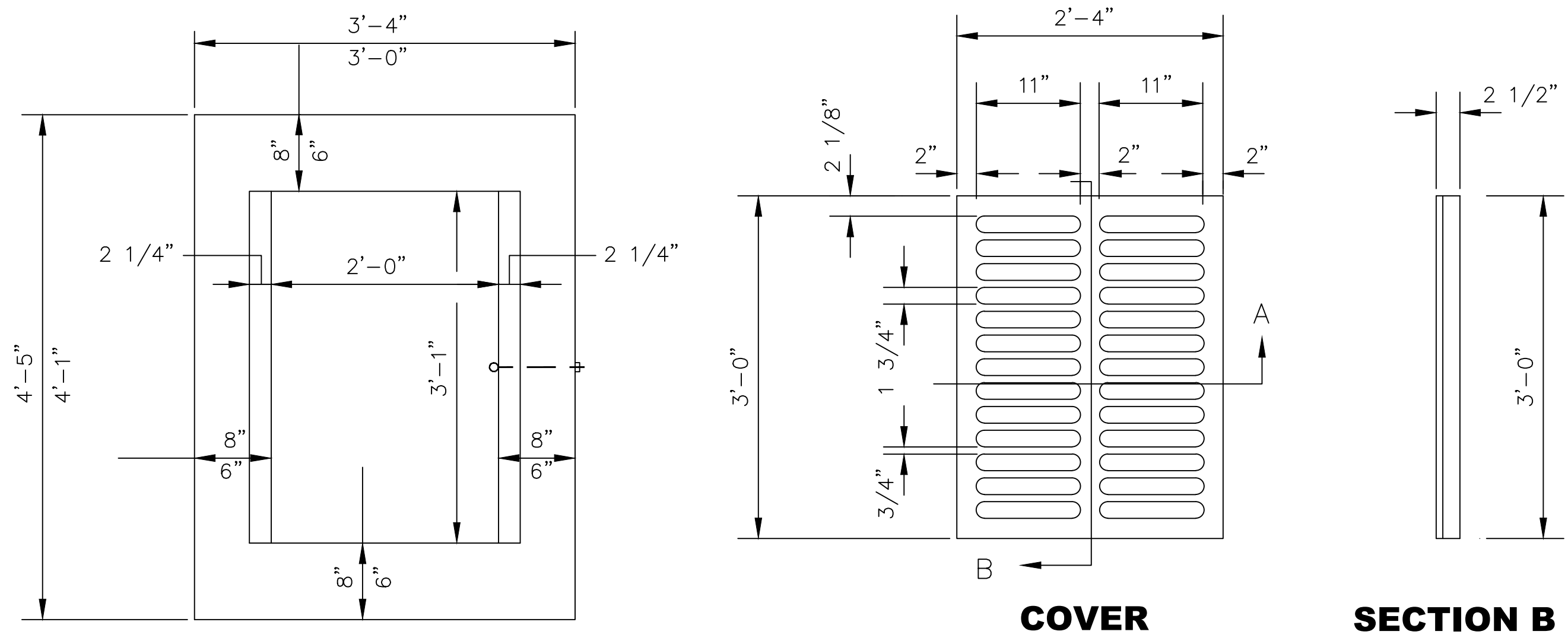
01/10/24 REVISED PER COUNTY COMMENTS
09/21/21 REVISED PER COUNTY COMMENTS
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DAIMIAN D. LESLIE, P.E.
FL. REG #73113
6,625 SQ. FT. BUILDING

NEW CONVENIENCE STORE
7822 NORTH DAVIS HWY.
PENSACOLA, FLORIDA

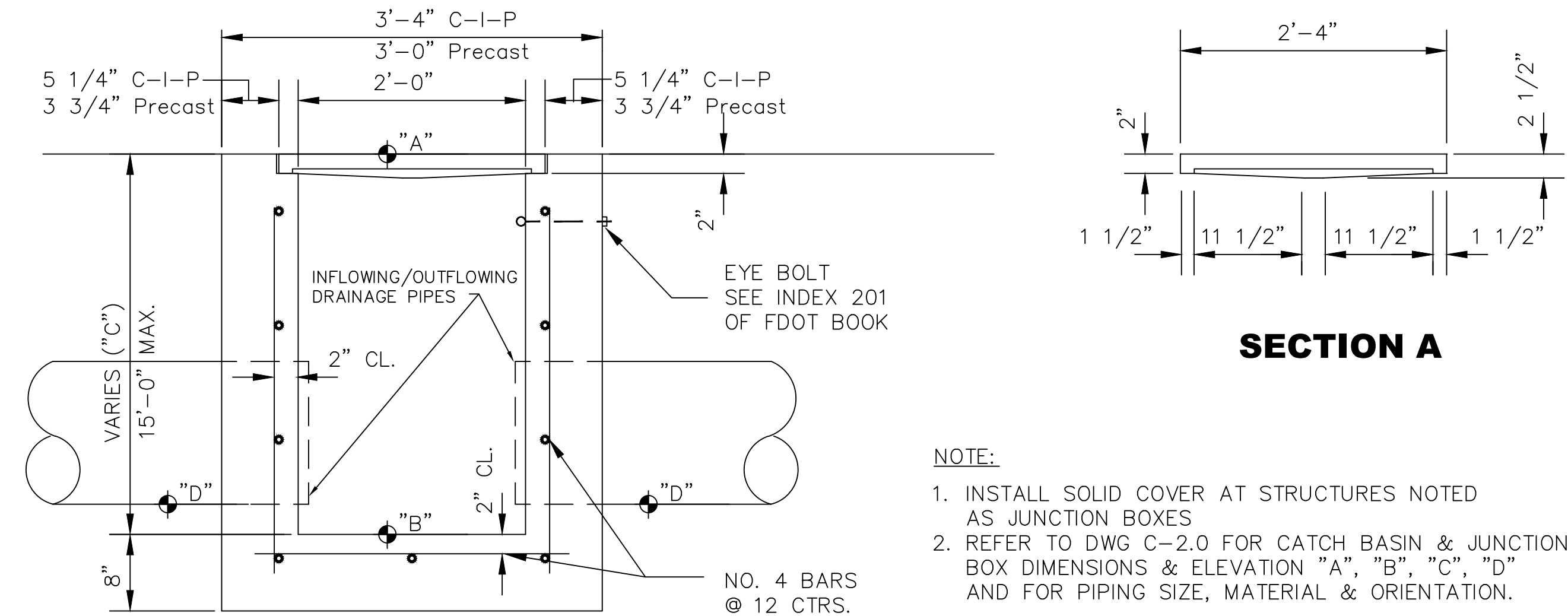
SCALE: AS NOTED MDM JOB # 18012
DATE: 11-06-2020
DESIGNED BY:
DRAWN BY: SLO/DBB FILE NAME: 18012_CD.DWG
CHECKED BY: 18012_CD.DWG
DRAINAGE & GRADING PLAN
SHEET NO.: **C2.0**

ISSUED FOR BID 03/08/2024



COVER SECTION B
APPROX. WEIGHT 235LBS.

36" NYLOPLAST JUNCTION BOX (S-3, S-6 S-8)
NO SCALE

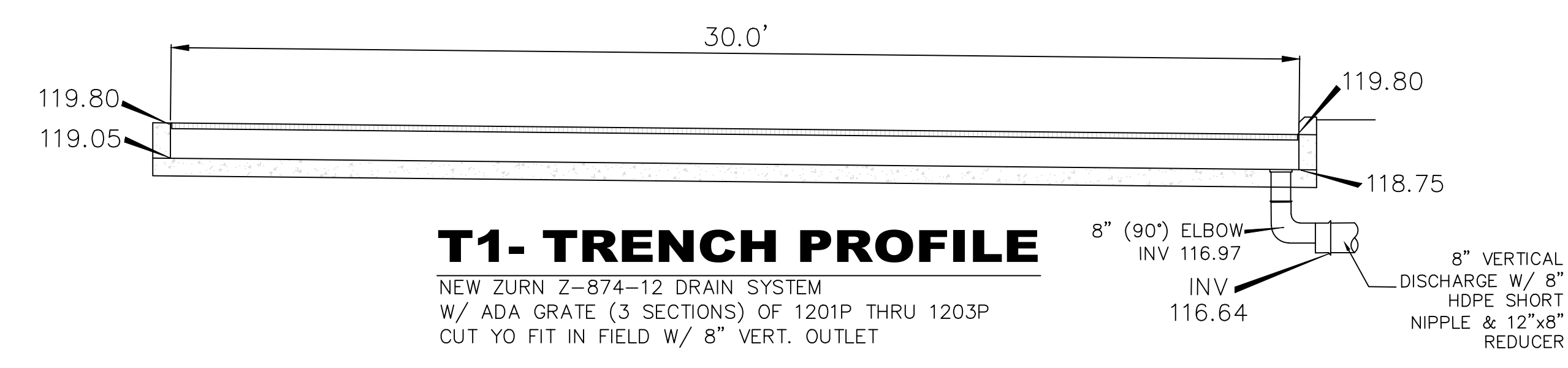


SECTION A

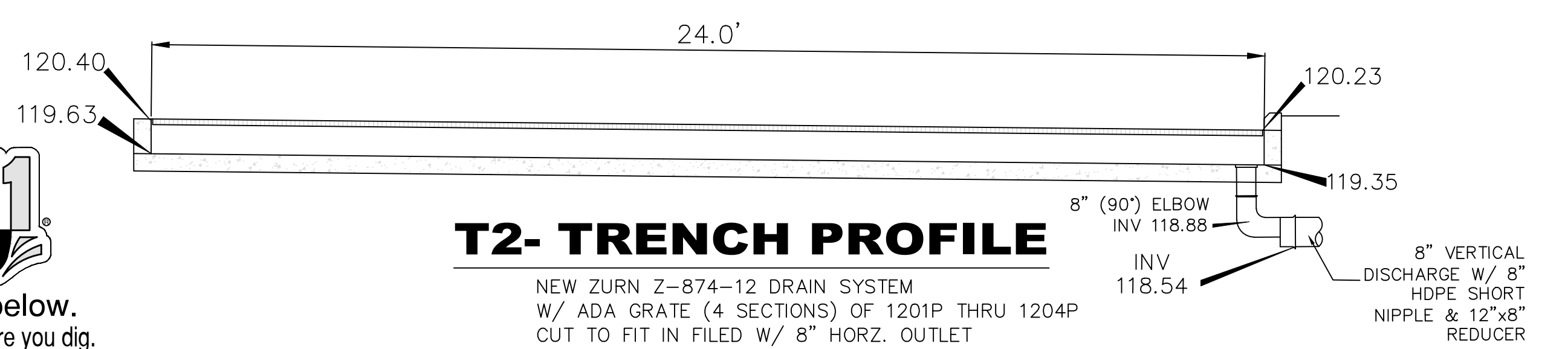
NOTE:
1. INSTALL SOLID COVER AT STRUCTURES NOTED AS JUNCTION BOXES
2. REFER TO DWG C-2.0 FOR CATCH BASIN & JUNCTION BOX DIMENSIONS & ELEVATION "A", "B", "C", "D" AND FOR PIPING SIZE, MATERIAL & ORIENTATION.

SEE FDOT DETAILS FOR ADDITIONAL INFORMATION
TYPICAL TYPE "C" CATCH BASIN (S-1, S-2, S-5, S-7)

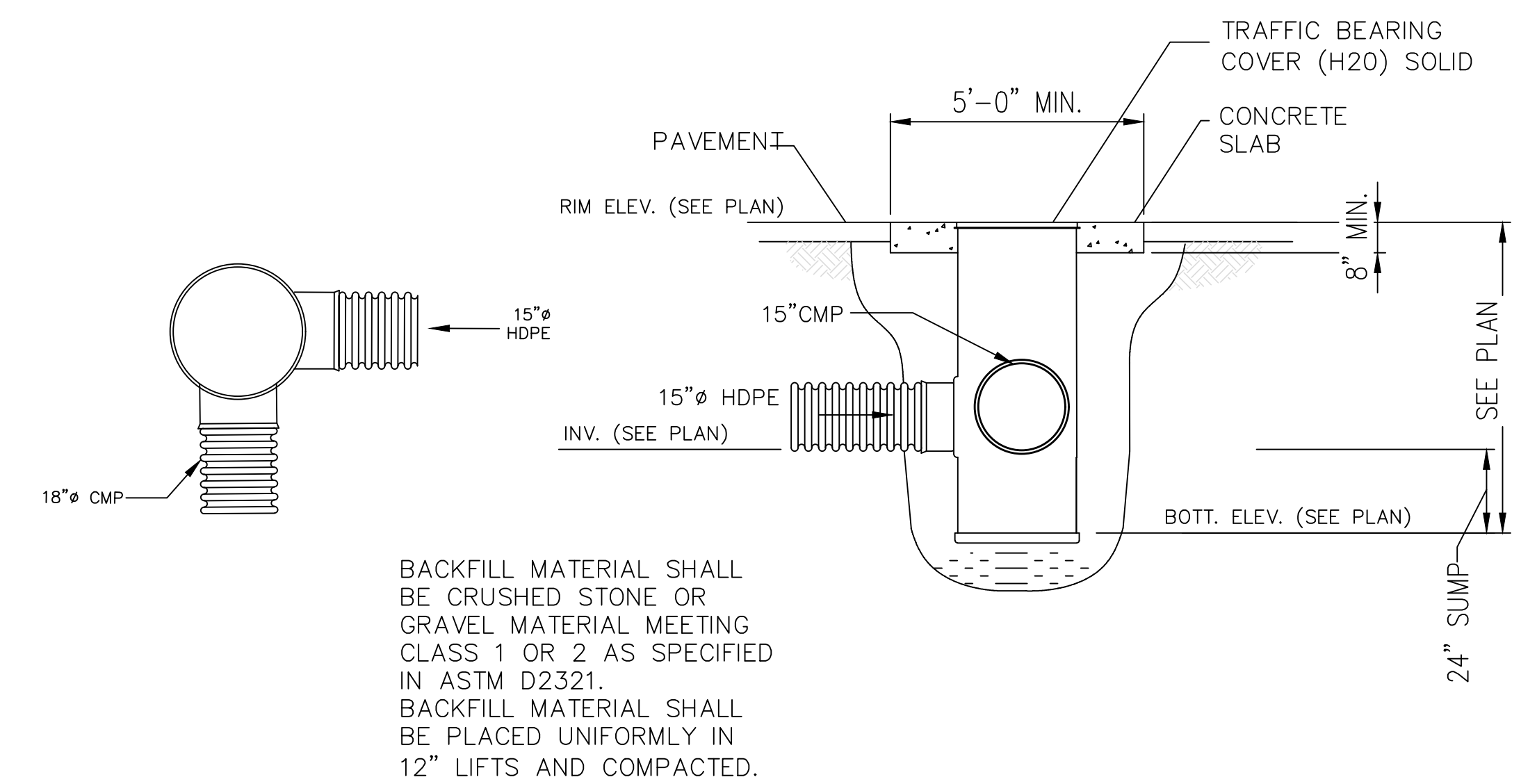
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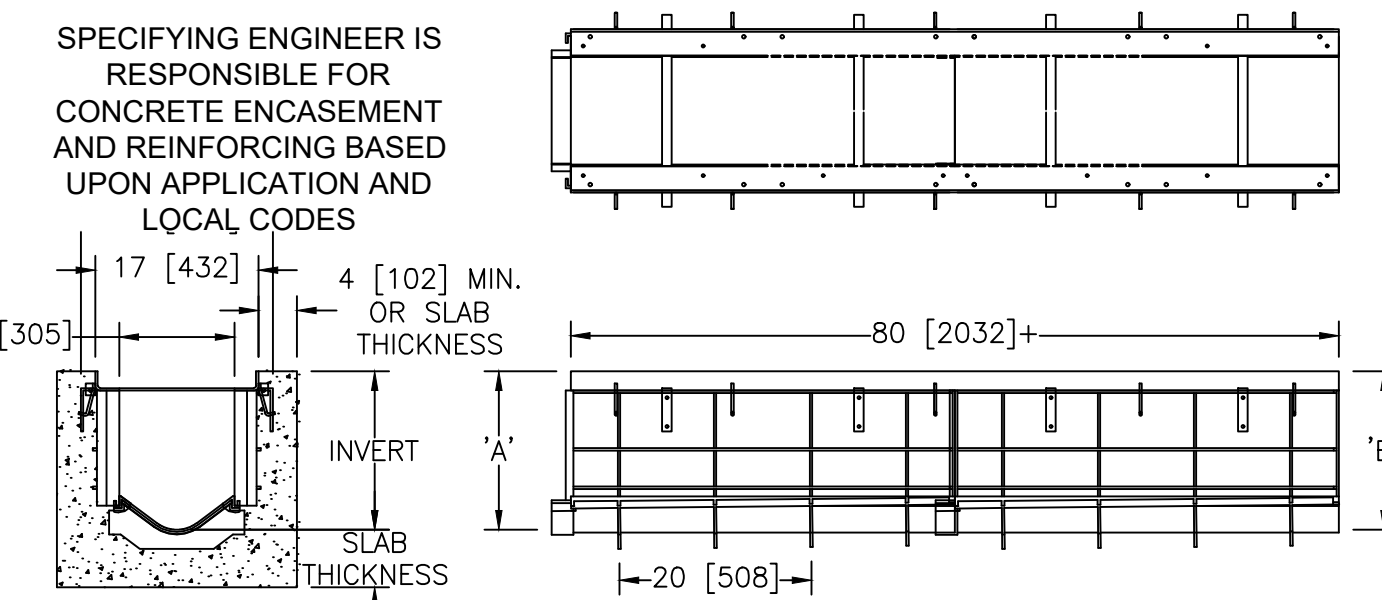
T1-TRENCH PROFILE
NEW ZURN Z-874-12 DRAIN SYSTEM
W/ ADA GRATE (3 SECTIONS) OF 1201P THRU 1203P
CUT YO FIT IN FIELD W/ 8" VERT. OUTLET



T2-TRENCH PROFILE
NEW ZURN Z-874-12 DRAIN SYSTEM
W/ ADA GRATE (4 SECTIONS) OF 1201P THRU 1204P
CUT TO FIT IN FILED W/ 8" HORZ. OUTLET



36" NYLOPLAST JUNCTION BOX (S-10)
NO SCALE



NEW ZURN Z-874-12 DRAIN SYSTEM
W/ ADA GRATE (5 SECTIONS) OF 1201P
THRU 1205P W/ 8" HORZ. OUTLET

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33853
EB #004857 Phone: (863) 913-9130

NO.	DATE	REVISION DESCRIPTION
1	09/21/21	REVISED PER COUNTY

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DAIMIAN D. LESLIE, P.E.
FL. REG #73113
6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED	MDM JOB # 18012
DATE: 11-06-2020	
DESIGNED BY:	
DRAWN BY: SLO/DDB	FILE NAME: 18012 CD.DWG
CHECKED BY:	
DRAWING TITLE: DRAINAGE DETAILS	
SHEET NO.:	

C2.1



ISSUED FOR BID 03/08/2024

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN RD., LAKELAND, FL 34052
 EB #04857 Phone: (863) 913-9130

NO.	DATE	REVISION DESCRIPTION
△	01/10/24	REVISED PER COUNTY COMMENTS
△	09/21/21	REVISED PER COUNTY COMMENTS

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 FL. REG #73113

6,625 SQ. FT. BUILDING

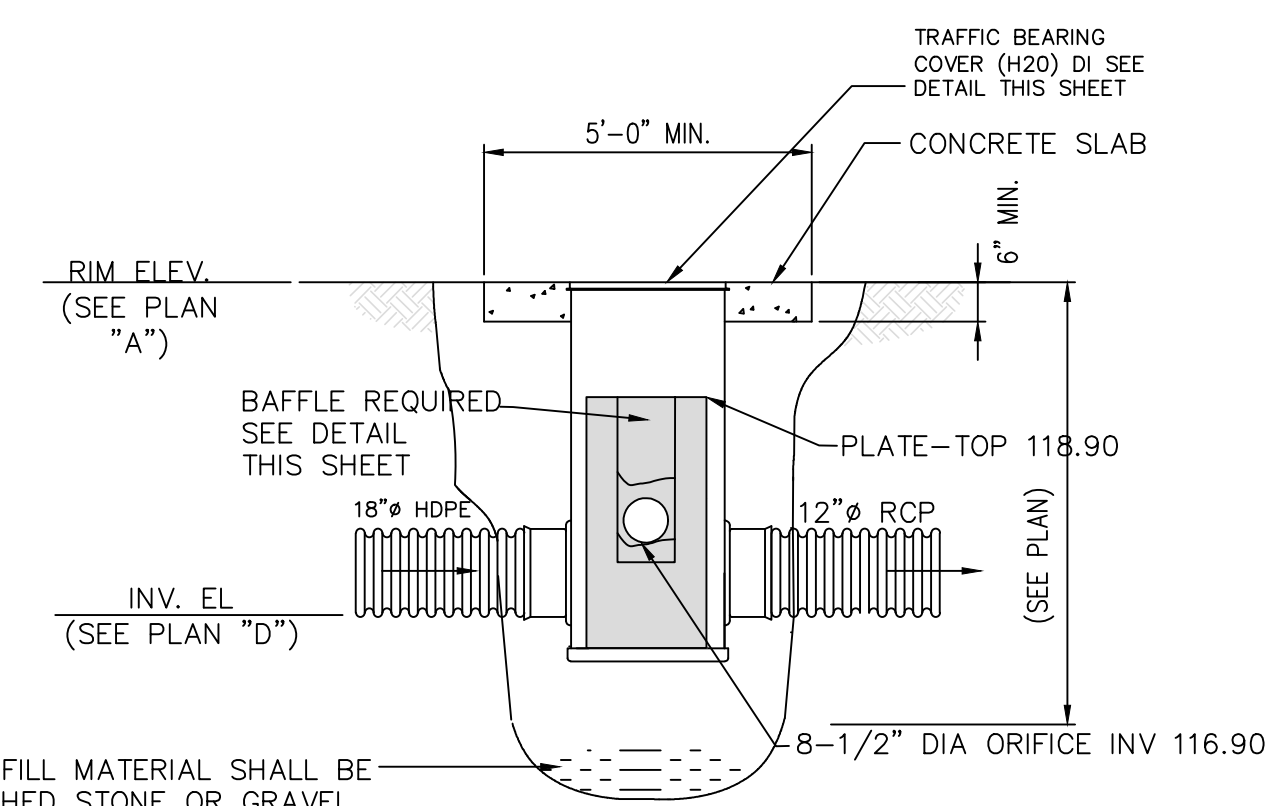
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NEW CONVENIENCE STORE
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PENSACOLA, FLORIDA

SCALE: AS NOTED	MDM JOB # 18012
DATE: 11-06-2020	
DESIGNED BY:	
DRAWN BY: SLO/DBB	FILE NAME: 18012_CD.DWG
CHECKED BY:	

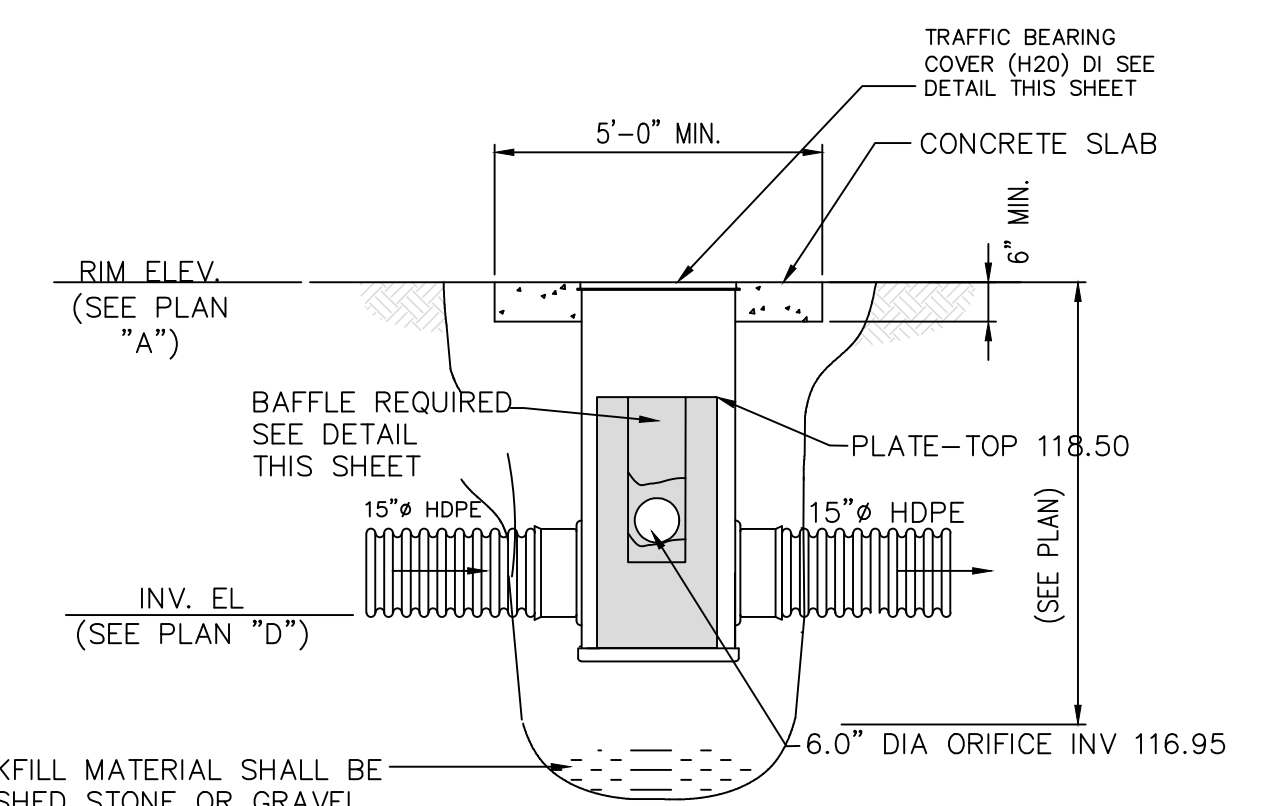
DRAWING TITLE:
DRAINAGE DETAILS

SHEET NO.:
C2.2

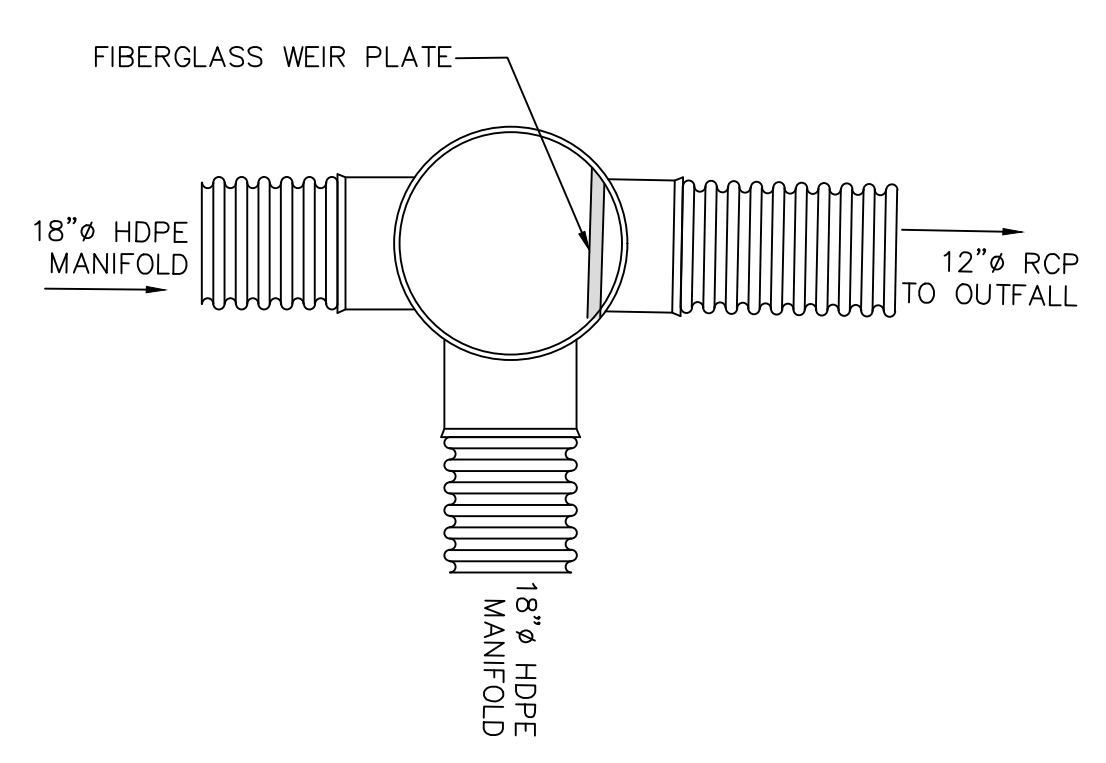
ISSUED FOR BID 03/08/2024



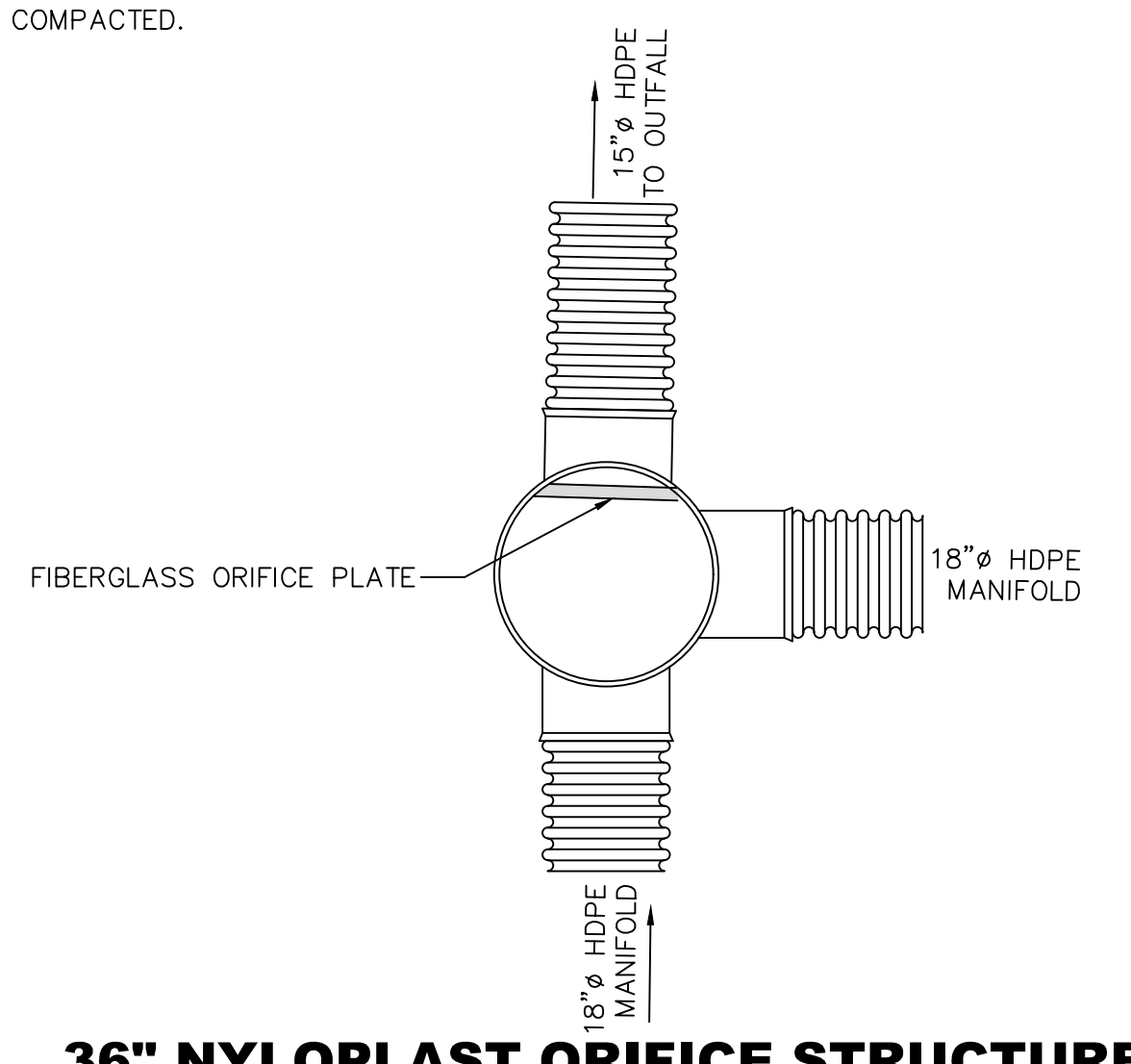
BACKFILL MATERIAL SHALL BE CRUSHED STONE OR GRAVEL MATERIAL MEETING CLASS 1 OR 2 AS SPECIFIED IN ASTM D2321. BACKFILL MATERIAL SHALL BE PLACED UNIFORMLY IN 12" LIFTS AND COMPACTED.



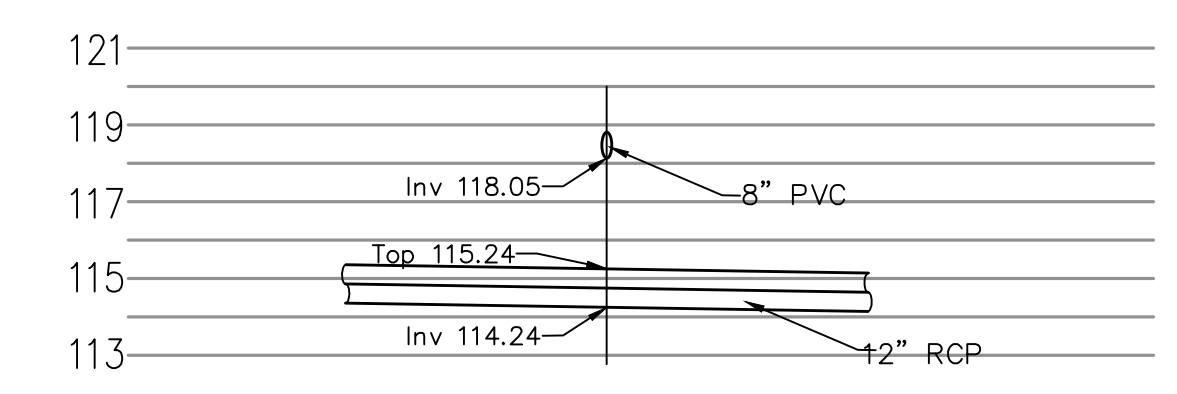
BACKFILL MATERIAL SHALL BE CRUSHED STONE OR GRAVEL MATERIAL MEETING CLASS 1 OR 2 AS SPECIFIED IN ASTM D2321. BACKFILL MATERIAL SHALL BE PLACED UNIFORMLY IN 12" LIFTS AND COMPACTED.



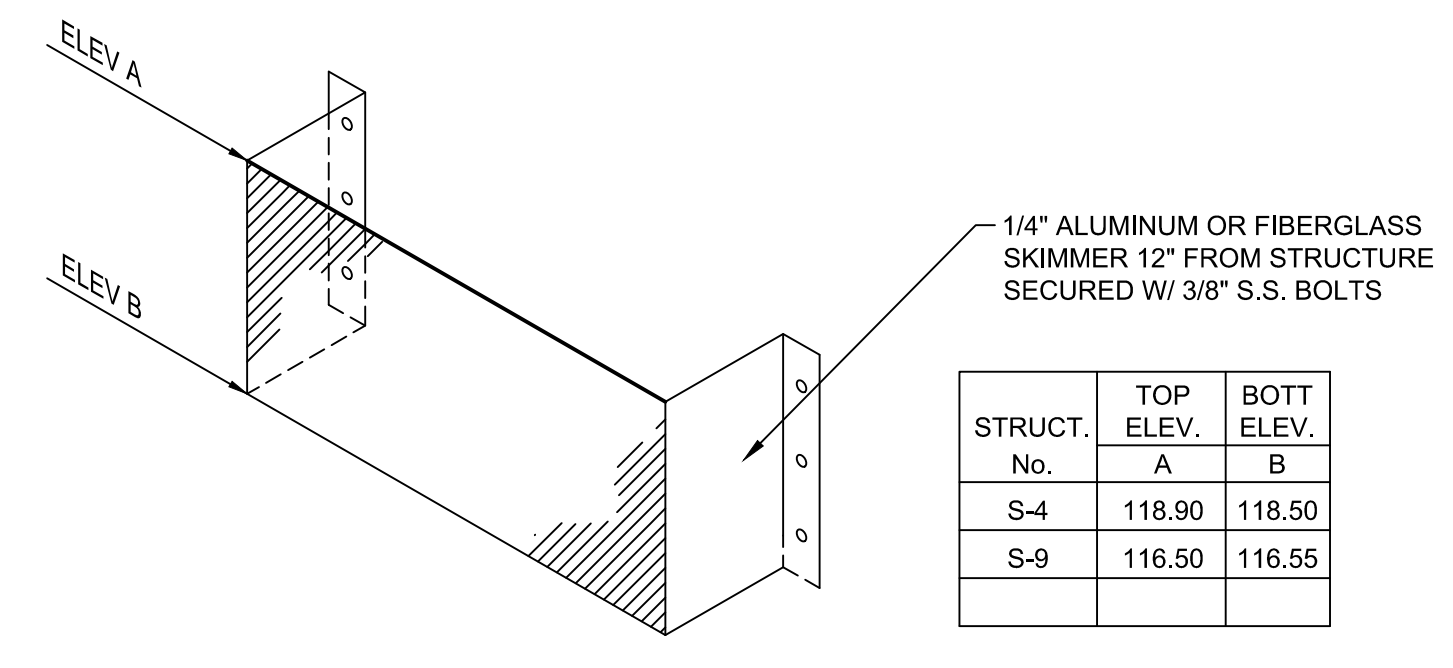
36" NYLOPLAST WEIR STRUCTURE (S-4)
 NO SCALE



36" NYLOPLAST ORIFICE STRUCTURE (S-9)
 NO SCALE

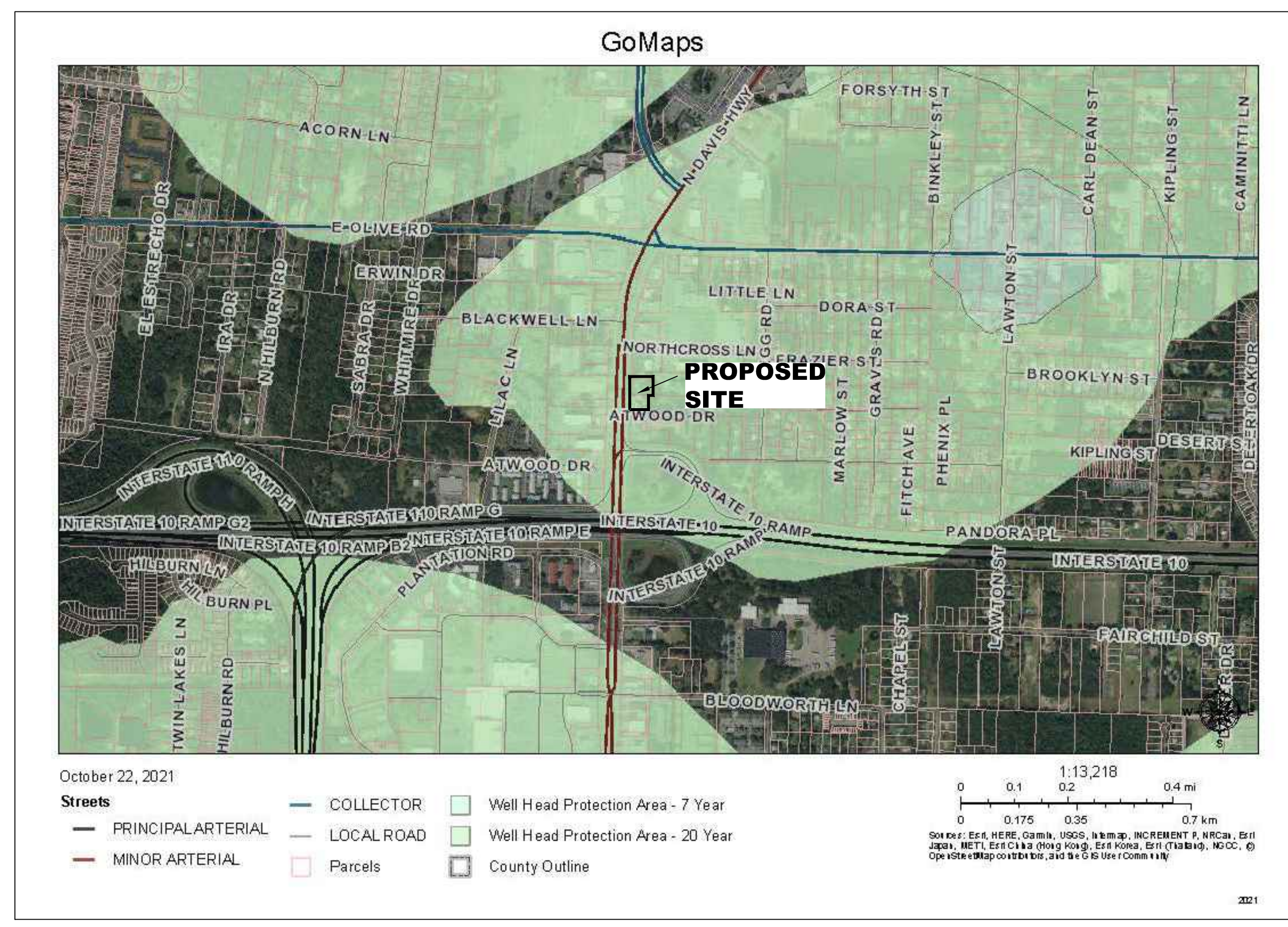


CONFLICT 'A'
 SCALE: HORZ. 1"=10'
 VERT. 1"=5'

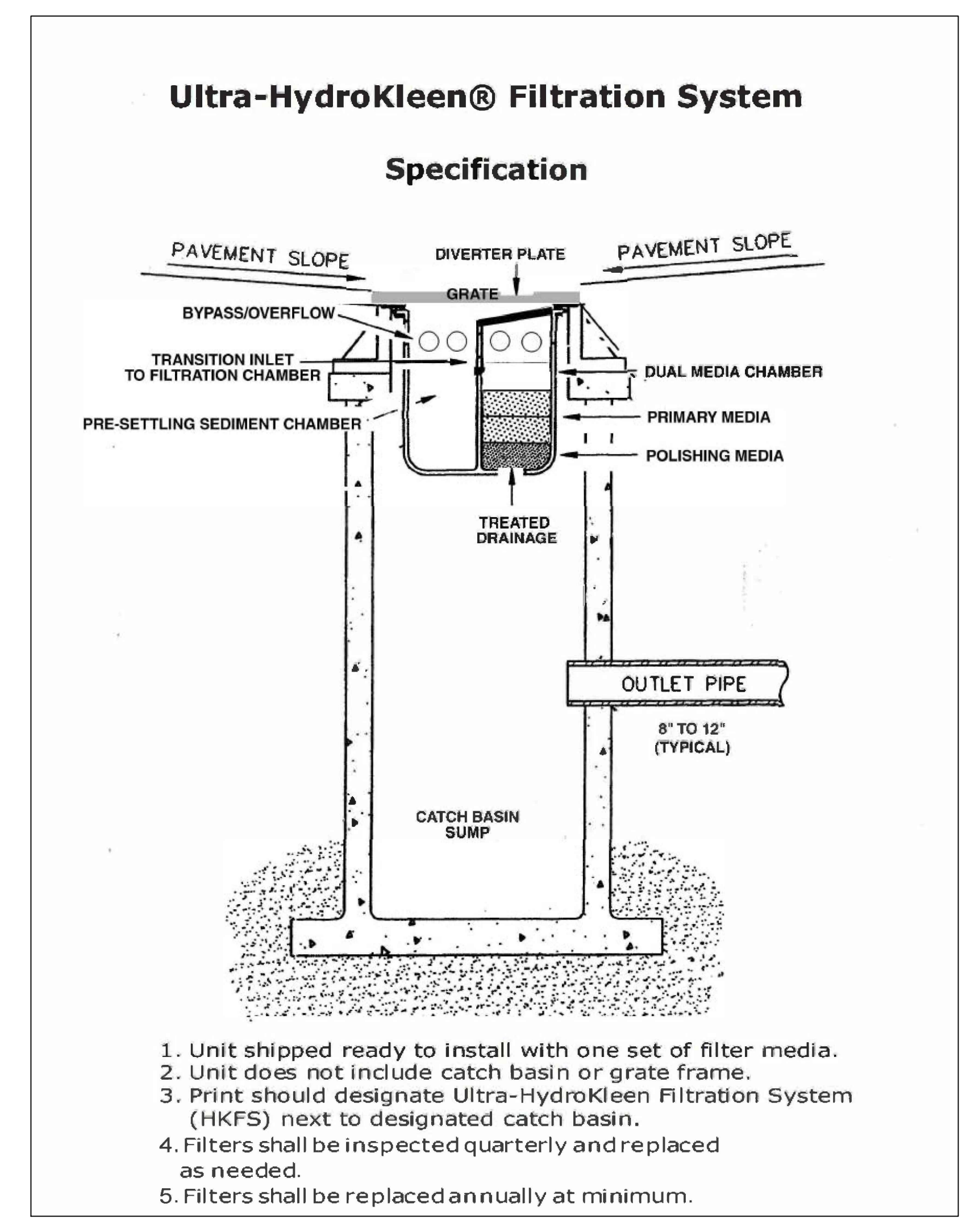


BAFFLE DETAIL

STRUCT. No.	TOP ELEV. A	BOTT ELEV. B
S-4	118.90	118.50
S-9	116.50	116.55



WELLHEAD PROTECTION ZONE MAP



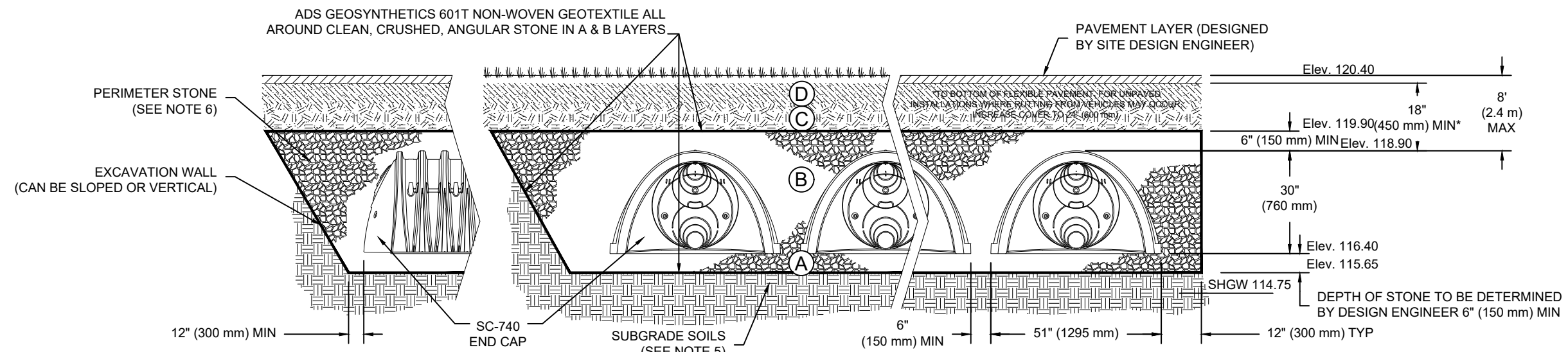
1. Unit shipped ready to install with one set of filter media.
2. Unit does not include catch basin or grate frame.
3. Print should designate Ultra-HydroKleen Filtration System (HKFS) next to designated catch basin.
4. Filters shall be inspected quarterly and replaced as needed.
5. Filters shall be replaced annually at minimum.



ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 CHAMBER SYSTEMS

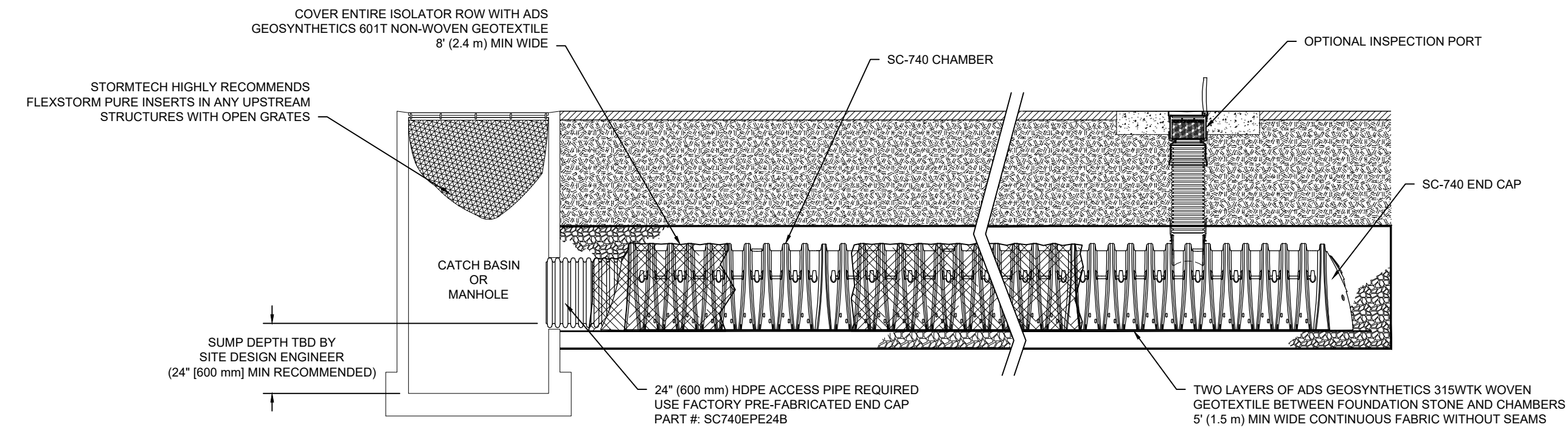
MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE (B LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL-GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (55 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE, NOMINAL SIZE DISTRIBUTION BETWEEN 3/4-2 INCH (20-50 mm)	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE, NOMINAL SIZE DISTRIBUTION BETWEEN 3/4-2 INCH (20-50 mm)	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ¹

PLEASE NOTE:
 1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE."
 2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
 3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.



NOTES:

- SC-740 CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" OR ASTM F2922 "STANDARD SPECIFICATION FOR POLYETHYLENE (PE) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- SC-740 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS.
- THE "SITE DESIGN ENGINEER" REFERS TO THE ENGINEER RESPONSIBLE FOR THE DESIGN AND LAYOUT OF THE STORMTECH CHAMBERS FOR THIS PROJECT.
- THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



SC-740 ISOLATOR ROW DETAIL
NTS

INSPECTION & MAINTENANCE

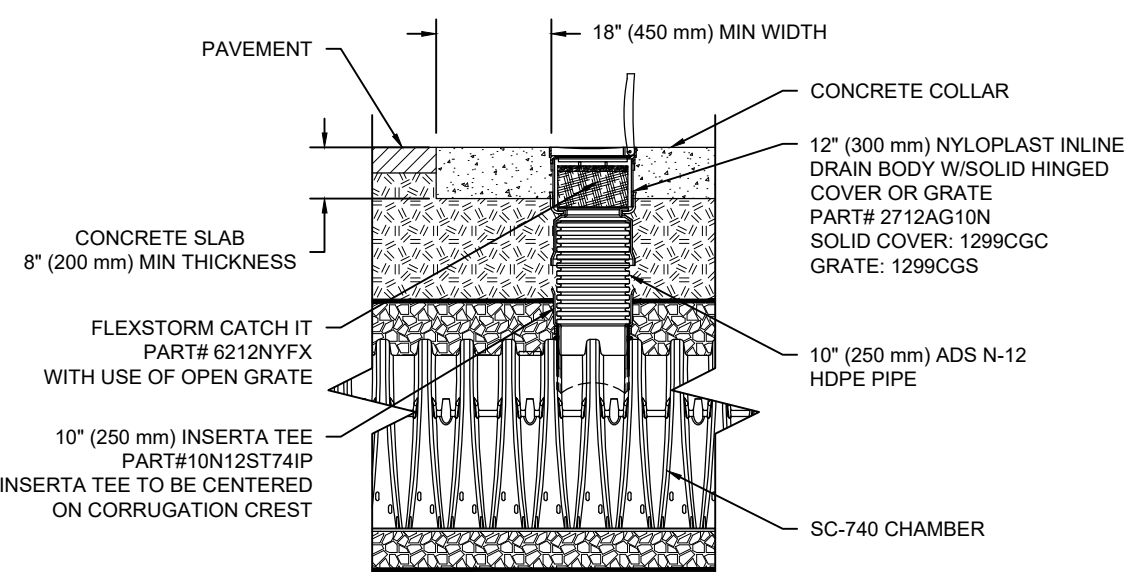
- STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
- A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
- A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
- A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
- A.4. LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
- A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR ROWS
- B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW
- B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE
- B.3. MIRRORS OR POLES MAY BE USED TO AVOID A CONFINED SPACE ENTRY
- B.4. FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
- B.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
- C. VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

FDOT BASIN
(12)-SC-740
STORMTECH
CHAMBERS
INV.115.65

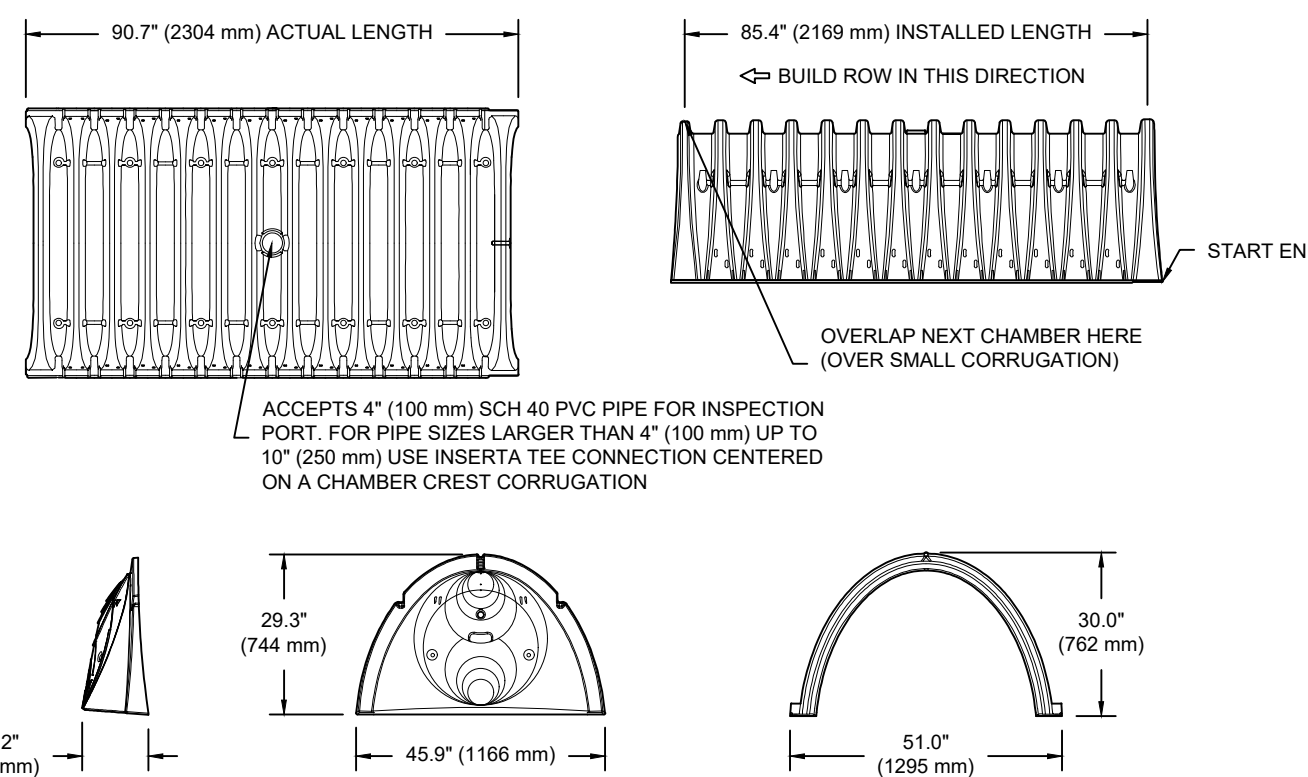
BASIN E-1
(96)-SC-740
STORMTECH
CHAMBERS
INV 115.65



SC-740 INSPECTION PORT DETAIL
NTS

STORMTECH GENERAL NOTES

- STORMTECH LLC ("STORMTECH") REQUIRES INSTALLING CONTRACTORS TO USE AND UNDERSTAND STORMTECH'S LATEST MC-3500 INSTALLATION INSTRUCTIONS PRIOR TO BEGINNING SYSTEM INSTALLATION.
- STORMTECH OFFERS INSTALLATION CONSULTATIONS TO INSTALLING CONTRACTORS. CONTACT OUR TECHNICAL SERVICE DEPARTMENT OR LOCAL STORMTECH REPRESENTATIVE AT LEAST 30 DAYS PRIOR TO SYSTEM INSTALLATION TO ARRANGE A PRE-INSTALLATION CONSULTATION. OUR REPRESENTATIVES CAN THEN ANSWER QUESTIONS OR ADDRESS COMMENTS ON THE STORMTECH CHAMBER SYSTEM AND INFORM THE INSTALLING CONTRACTOR OF THE MINIMUM INSTALLATION REQUIREMENTS BEFORE BEGINNING THE SYSTEM'S CONSTRUCTION. CALL 860-529-8188 TO SPEAK TO A TECHNICAL SERVICE REPRESENTATIVE OR VISIT WWW.STORMTECH.COM TO RECEIVE A COPY OF OUR INSTALLATION INSTRUCTIONS.
- STORMTECH REQUIREMENTS FOR SYSTEMS WITH PAVEMENT DESIGN (ASPHALT, CONCRETE PAVERS, ETC.): MINIMUM COVER IS 24" (610 mm) NOT INCLUDING PAVEMENT; MAXIMUM COVER IS 6.5' [1.98 m] INCLUDING PAVEMENT. FOR INSTALLATIONS THAT DO NOT INCLUDE PAVEMENT, WHERE RUTTING FROM VEHICLES MAY OCCUR, MINIMUM REQUIRED COVER IS 30" [762 mm], MAXIMUM COVER IS 6.5' [1.98 m].
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH THE BEARING CAPACITY OF THE CHAMBER FOUNDATION MATERIALS TO THE DESIGN ENGINEER.
- AASHTO M288 CLASS 2 NON-WOVEN GEOTEXTILE (FILTER FABRIC) MUST BE USED AS INDICATED IN THE PROJECT PLANS.
- STONE PLACEMENT BETWEEN CHAMBERS ROWS AND AROUND PERIMETER MUST FOLLOW INSTRUCTIONS AS INDICATED IN THE MOST CURRENT VERSION OF STORMTECH MC-3500 CONSTRUCTION GUIDE.
- BACKFILLING OVER THE CHAMBERS MUST FOLLOW REQUIREMENTS AS INDICATED IN THE MOST CURRENT VERSION OF STORMTECH MC-3500 INSTALLATION INSTRUCTIONS.
- THE CONTRACTOR MUST REFER TO STORMTECH MC-3500 CONSTRUCTION GUIDE FOR A TABLE OF ACCEPTABLE VEHICLE LOADS AT VARIOUS DEPTHS OF COVER. THIS INFORMATION IS ALSO AVAILABLE ON THE STORMTECH WEBSITE: WWW.STORMTECH.COM. THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING VEHICLES THAT EXCEED STORMTECH REQUIREMENTS FROM TRAVELING ACROSS OR PARKING OVER THE STORMWATER SYSTEM. TEMPORARY FENCING, WARNING TAPE AND APPROPRIATELY LOCATED SIGNS ARE COMMONLY USED TO PREVENT UNAUTHORIZED VEHICLES FROM ENTERING SENSITIVE CONSTRUCTION AREAS.
- THE CONTRACTOR MUST APPLY EROSION AND SEDIMENT CONTROL MEASURES TO PROTECT THE STORMWATER SYSTEM DURING ALL PHASES OF SITE CONSTRUCTION PER LOCAL CODES AND DESIGN ENGINEER'S SPECIFICATIONS.
- STORMTECH PRODUCT WARRANTY IS LIMITED.** CONTACT STORMTECH FOR WARRANTY INFORMATION.



NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	51.0" X 30.0" X 85.4" (1.30 m)	(1295 mm X 762 mm X 2169 mm)
CHAMBER STORAGE	45.9 CUBIC FEET (1.30 m³)	45.9 CUBIC FEET (1.30 m³)
MINIMUM INSTALLED STORAGE*	74.9 CUBIC FEET (2.12 m³)	74.9 CUBIC FEET (2.12 m³)
WEIGHT	75.0 lbs. (33.6 kg)	75.0 lbs. (33.6 kg)

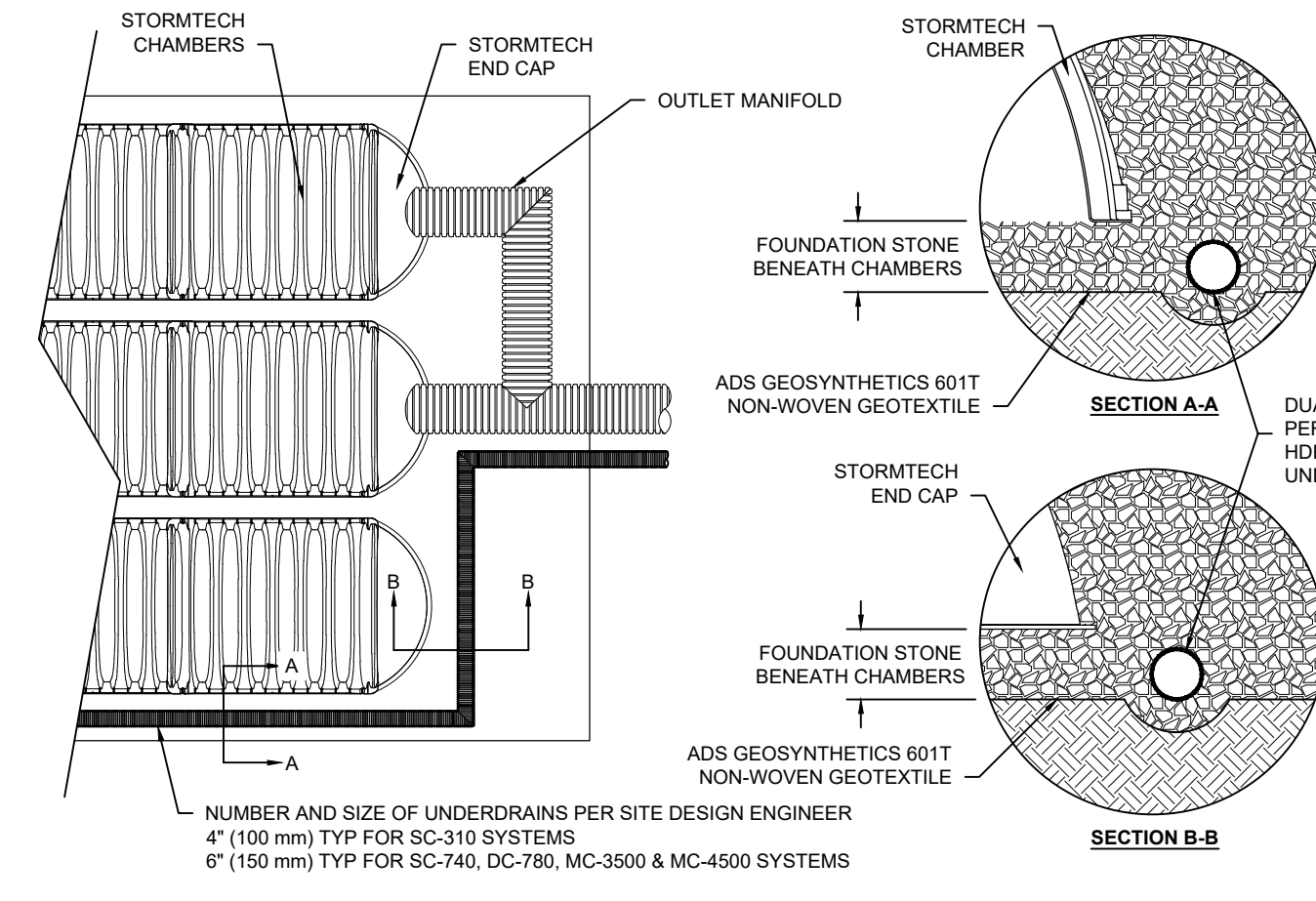
*ASSUMES 6" (152 mm) STONE ABOVE, BELOW, AND BETWEEN CHAMBERS

STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"

PART #	STUB	A	B	C
SC740EPE06T / SC740EPE06TPC	6" (150 mm)	10.9" (277 mm)	18.5" (470 mm)	0.5" (13 mm)
SC740EPE08T / SC740EPE08TPC	8" (200 mm)	12.2" (310 mm)	16.5" (419 mm)	0.6" (15 mm)
SC740EPE10T / SC740EPE10TPC	10" (250 mm)	13.4" (340 mm)	14.5" (368 mm)	0.7" (18 mm)
SC740EPE12T / SC740EPE12TPC	12" (300 mm)	14.7" (373 mm)	12.5" (318 mm)	1.2" (30 mm)
SC740EPE15T / SC740EPE15TPC	15" (375 mm)	18.4" (467 mm)	9.0" (229 mm)	1.3" (33 mm)
SC740EPE18T / SC740EPE18TPC	18" (450 mm)	19.7" (500 mm)	5.0" (127 mm)	1.6" (41 mm)
SC740EPE24T / SC740EPE24TPC	24" (600 mm)	18.5" (470 mm)	---	0.1" (3 mm)

ALL STUBS, EXCEPT FOR THE SC740EPE24B THE 24" (600 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 1.75" (44 mm). BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.

SC-740 TECHNICAL SPECIFICATIONS



UNDERDRAIN DETAIL
NTS

CLIENT:

ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:

MDM SERVICES, INC.

engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 34052
EB #004857 Phone: (863) 913-9130

NO. DATE REVISION DESCRIPTION

This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date 11/06/2020. Printed copies of this document are not considered signed and sealed and their validity must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
FL. REG #73113

6,625 SQ. FT.
BUILDING

SITE DESIGNATIONS:

NEW CONVENIENCE STORE

7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM JOB # 18012

DATE: 11-06-2020

DESIGNED BY:

DRAWN BY: SLO/DBB

CHECKED BY:

DRAWING TITLE:

DRAINAGE DETAIL

SHEET NO.:

C2.3



Know what's below.
Call before you dig.

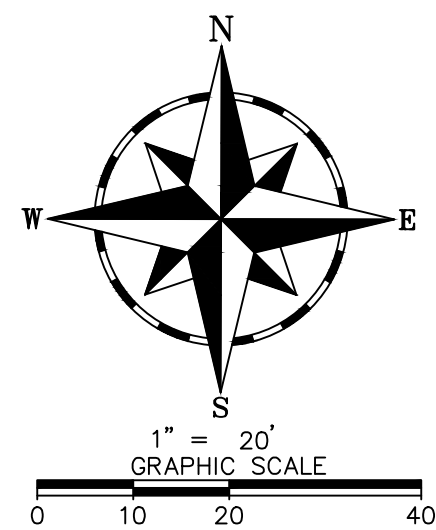


Subsurface Stormwater Management™
70 INWOOD ROAD, SUITE 3 | ROCKY HILL, CT 06067
PHONE: 888-892-2694 | FAX: 866-328-8401
WWW.STORMTECH.COM

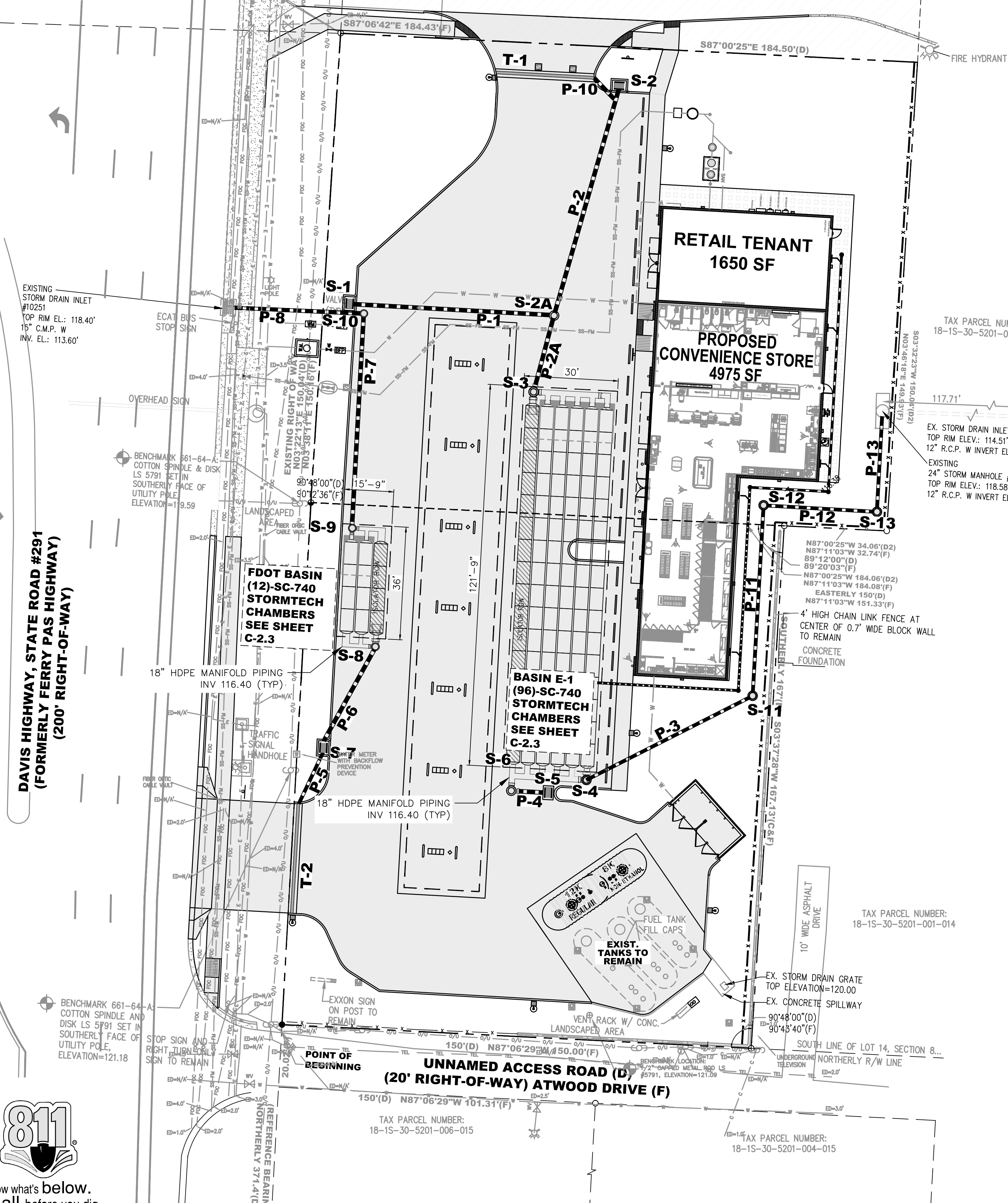


ADVANCED DRAINAGE SYSTEMS, INC.

ISSUED FOR BID 03/08/2024



1" = 20'
GRAPHIC SCALE



DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	STRUCTURE DESCRIPTION	TOP ELEV. "A"	BOTTOM ELEV. "B"	DEPTH "C"	PIPE OPENING INFORMATION "D"		
					SIZE	INVERT	DIRECTION
1	CATCH BASIN Sht C 2.1	120.25	116.35	3.90'	15" HDPE	117.35	E
2	CATCH BASIN Sht C 2.1	119.80	115.55	4.25'	15" HDPE	116.55	SE
2A	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER W/ 2' SUMP	121.19	114.43	6.76'	15" HDPE 15" HDPE	116.43 116.43	NE SW
3	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER W/ 2' SUMP	120.93	114.40	6.53'	15" HDPE 18" HDPE 18" HDPE	116.40 116.40 116.40	NE E S
					DIVERTER PLATE TOP 116.90		
4 *	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	121.15	114.40	6.75'	18" HDPE 18" HDPE 12" HDPE	116.40 116.40 115.15	N W NE
					OUTFLOW ORIFICE ELEVATION 116.90		
5	CATCH BASIN Sht C 2.1	120.83	115.88	4.95'	15" HDPE	116.88	NW
6	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER W/ 2' SUMP	121.07	114.40	6.67'	15" HDPE 18" HDPE 18" HDPE	116.40 116.40 116.40	SE N E
7	CATCH BASIN Sht C 2.1	120.40	117.00	3.40'	15" HDPE 12" PVC	118.00 118.00	NE SW
8	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER W/ 2' SUMP	121.06	114.40	6.68'	15" HDPE 18" HDPE 18" HDPE	116.40 116.40 116.40	SW N W
					DIVERTER PLATE TOP 116.90		
9*	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	121.12	115.90	5.22'	15" HDPE 18" HDPE 18" HDPE	116.40 116.40 116.40	N S E
					OUTFLOW ORIFICE ELEVATION 116.95		
10	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	119.96	114.07	5.89'	15" CMP 15" HDPE	114.57 114.57	W S
11	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	121.49	114.07	7.42'	12" HDPE 12" HDPE	114.71 114.71	SW N
12	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	118.90	114.07	4.83'	12" HDPE 12" HDPE	114.26 114.26	S E
13	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	119.00	114.00	5.00'	12" HDPE 12" HDPE	114.00 114.00	N W

*WEIR CONTROL STRUCTURE

PIPE SCHEDULE

PIPE NO.	LF	PIPE	SLOPE	UP INV.	DN. INV.
P-1	63	15" NDPE	1.00%	117.06	116.43
P-2	74	15" HDPE	0.16%	116.55	116.43
P-2A	25	15" HDPE	0.16%	116.43	116.40
P-3	60	12" HDPE	0.73%	115.15	114.71
P-4	22	15" HDPE	2.0%	116.88	116.40
P-5	45	12" PVC	1.20%	118.54	118.00
P-6	35	15" HDPE	4.57%	118.00	116.40
P-7	68	15" HDPE	2.69%	116.40	114.57
P-8	41	15" CMP	2.0%	114.57	113.75
P-9	7	12" PVC	1.0%	117.42	117.35
P-10	4	12" PVC	1.50%	116.64	116.58
P-11	61	12" HDPE	0.73%	114.71	114.26
P-12	36	12" HDPE	0.73%	114.26	114.00
P-13	31	12" HDPE	0.72%	114.00	113.80

U.G. STORMTECH DRAINAGE PLAN

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33850
EB #004857 Phone: (863) 913-9130

09/21/21 REVISED PER COUNTY
NO. DATE REVISION DESCRIPTION
This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date 09/21/21. Printed copies of this document are not considered signed and sealed and their validity must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
FL. REG #73113
6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVIS HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM JOB # 18012
DATE: 11-06-2020
DESIGNED BY:
DRAWN BY: SLO/DBB FILE NAME: 18012_CD.DWG
CHECKED BY: 18012_CD.DWG

DRAWING TITLE:
DRAINAGE DETAIL
SHEET NO.:
C2.4

ISSUED FOR BID 03/08/2024



STORMWATER REVIEW NOTES:

1. THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, OR PROVIDE "AS-BUILT" CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE "AS-BUILT" CERTIFICATION OR THE "AS-BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.
2. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.
3. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.
4. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION.
5. RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORMWATER RUNOFF RATES. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION AND TAKE ADEQUATE MEASURES TO PREVENT THE EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS.
6. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD.
7. ALL NEW BUILDING ROOF DRAINS, DOWN SPOUTS, OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER TO RETENTION/DETENTION AREAS.
8. DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE RETENTION/DETENTION POND(S) AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR INSPECTION.

1. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.
2. THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850) 595-3472. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.
3. CONTRACTOR SHALL OBTAIN BUILDING INSPECTION DEPARTMENT PERMIT(S) FOR ANY RETAINING WALL HIGHER THAN 2 FEET.
4. NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN R/W; 1-800-432-4770.
5. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "AS-BUILT" SIGN OFF FROM THE COUNTY.
6. THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHTS-OF-WAY.



CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN RD., LAKELAND, FL 34052
 EB #004857 Phone: (863) 913-1130

NO.	DATE	REVISION DESCRIPTION
△	08/23/23	REVISED PER COUNTY COMMENTS
△	09/21/21	REVISED PER COUNTY COMMENTS

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DAIMIAN D. LESLIE, P.E.
 FL. REG #73113

6,625 SQ. FT. BUILDING

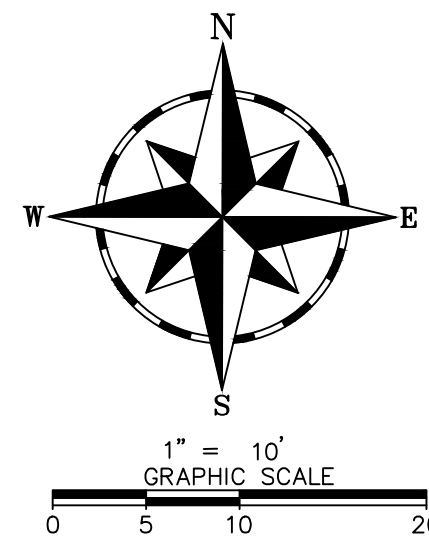
SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVIS HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM JOB # 18012
 DATE: 11-06-2020
 DESIGNED BY:
 DRAWN BY: SLO/DDB FILE NAME: 18012 CD 001.DWG
 CHECKED BY: SLO/DDB

DRAWING TITLE:
DRAINAGE NOTES

SHEET NO:
C2.5

ISSUED FOR BID 03/08/2024



PLUMBING CONTRACTOR TO INSTALL WATER METER (CONVENIENCE AND RETAIL - 2") AND INSTALL A WATER METER (IRRIGATION - 1"). METERS TO BE SIZED BY ECUA, G.C. TO COORDINATE ECUA

PLUMBING CONTRACTOR TO CONNECT TO EXIST WATER LINE FOR IRRIGATION WITH 12" X 1" TAPPING SADDLE WITH CC THREADS PER ECUA STD'S.

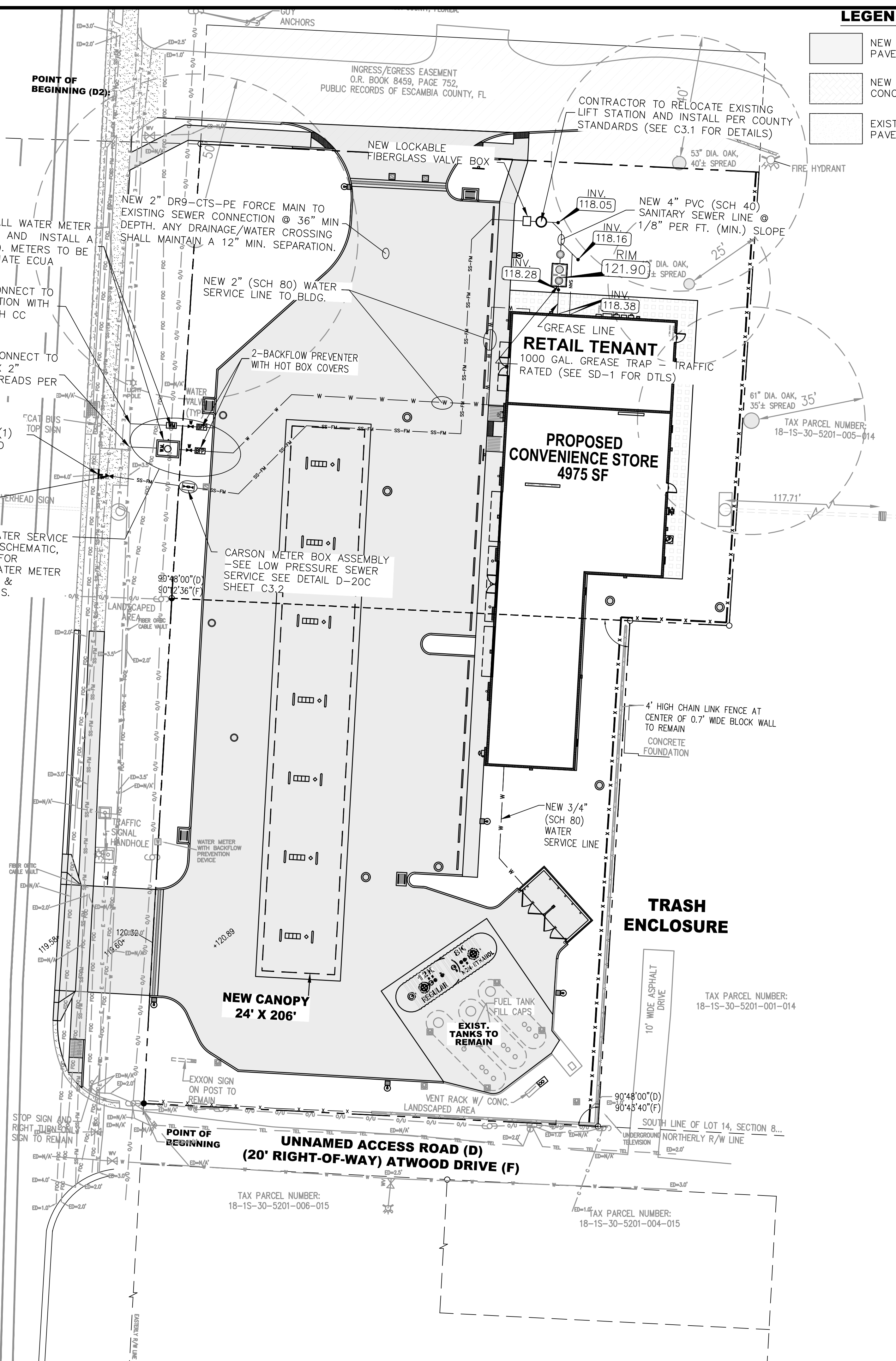
PLUMBING CONTRACTOR TO CONNECT TO EXIST WATER LINE WITH 12" X 2" TAPPING SADDLE WITH CC THREADS PER ECUA STD'S.

PLUMBING CONTRACTOR TO LOCATE EXISTING FM CONNECTION & MAKE (1) NEW WET TAP WITH 6" X 2" TAPPED SLEEVE & VALVE PER ECUA UTILITY DEPT. STD. STANDARDS

SEE LOW PRESSURE SEWER SERVICE SEE DETAIL D-20C SHEET C3.2

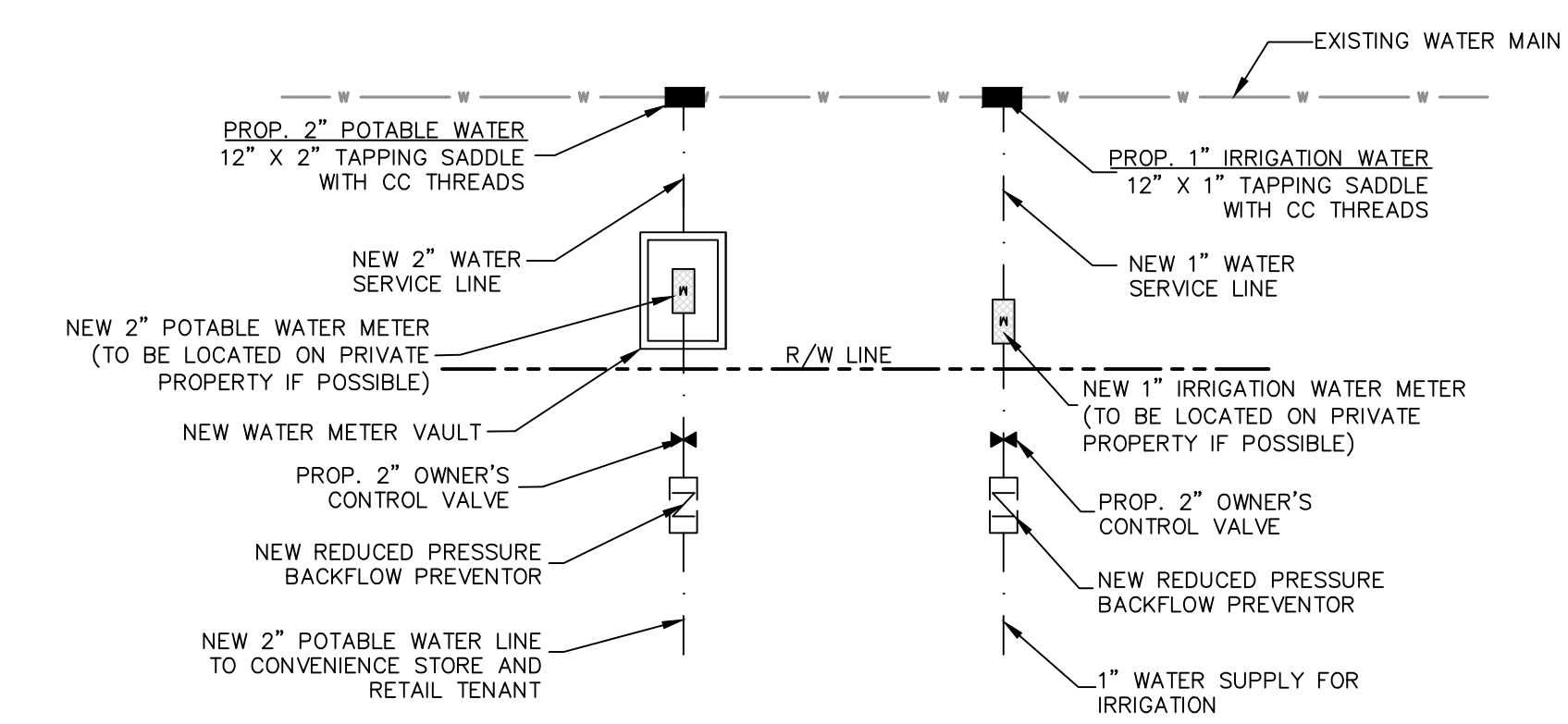
REFER TO WATER SERVICE CONNECTION SCHEMATIC, THIS SHEET, FOR PROPOSED WATER METER CONNECTIONS & SPECIFICATIONS.

DAVIS HIGHWAY, STATE ROAD #291 (FORMERLY FERRY PAS HIGHWAY) (200' RIGHT-OF-WAY)

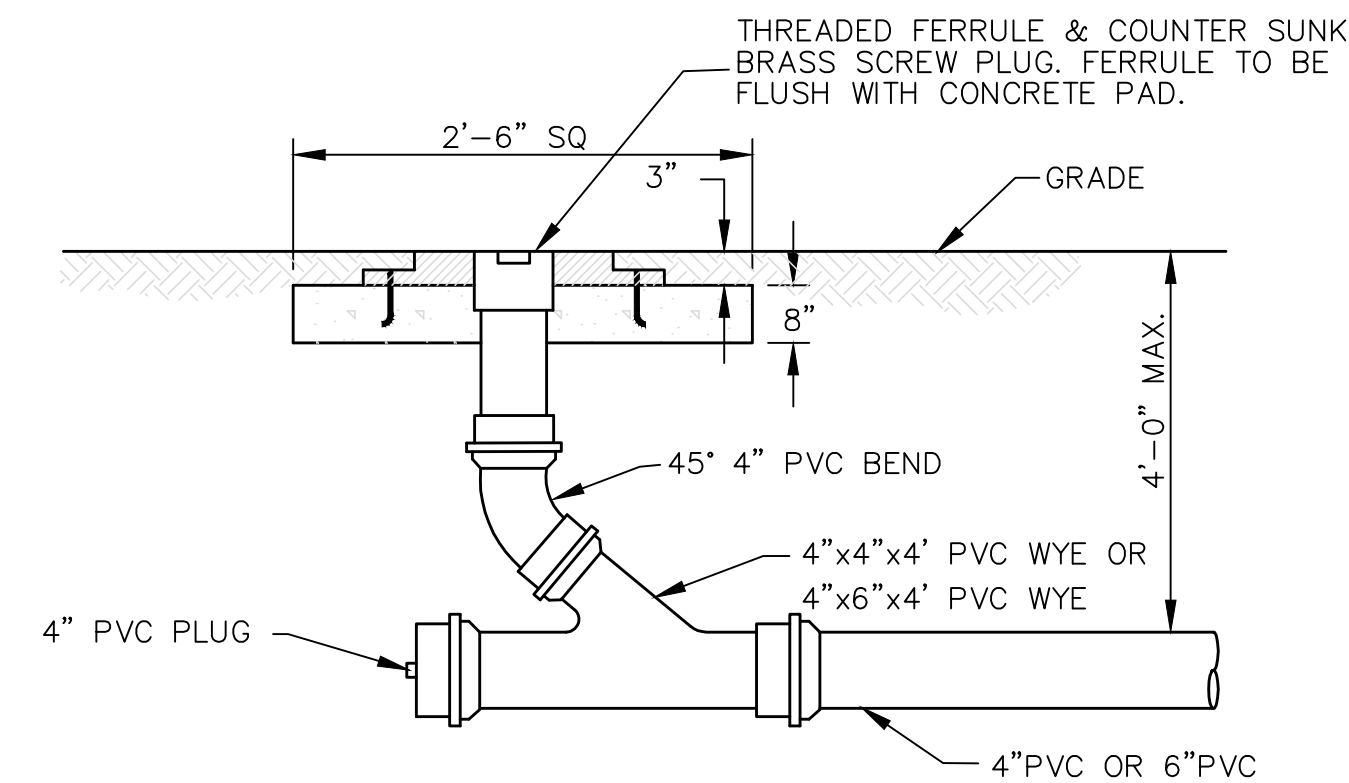


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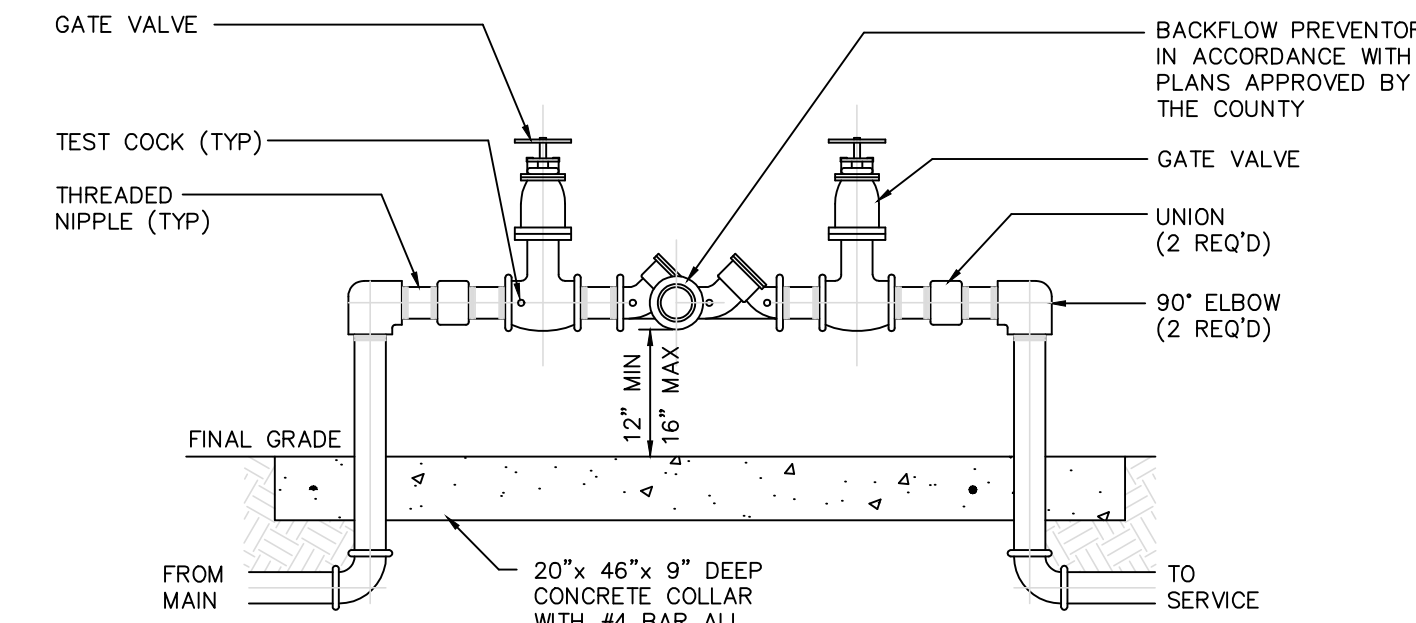
- NEW CONCRETE PAVEMENT
- NEW PERVIOUS CONCRETE PAVERS
- EXISTING CONCRETE PAVEMENT



WATER SERVICE CONNECTION SCHEMATIC
NO SCALE



CLEANOUT DETAIL
NO SCALE



REDUCED PRESSURE BACKFLOW PREVENTOR
3/4" = 1'-0"

WATER SERVICE NOTE
ALL EXISTING WATER SERVICES/METERS NOT BEING UTILIZED FOR THE DEVELOPMENT WILL NEED TO BE CUT & CAPPED AT THE WATER MAIN

SEWER SERVICE NOTE
EXISTING SANITARY SEWER SERVICE TUBING WILL BE REQUIRED TO BE RENEWED FROM THE POINT OF CONNECTION TO THE PARCEL.

SITE UTILITY NOTES
CONTRACTOR TO LOCATE EXIST. WATER UTILITIES PRIOR TO CONSTRUCTION. IF ANY ADJUSTMENT TO PROPOSED DESIGN NEEDED BASED ON LOCATION, CONTACT ENGINEER AND COUNTY UTILITIES CO.

CONTRACTOR TO LOCATE EXIST. SEWER LINE PRIOR TO CONSTRUCTION IF ANY ADJUSTMENT TO PROPOSED DESIGN NEEDED BASED ON LOCATION, CONTACT ENGINEER AND COUNTY UTILITIES CO.

CONTRACTOR RESPONSIBLE FOR REPAIR OF DAMAGE DONE TO EXISTING UTILITIES AS A RESULT OF CONSTRUCTION ACTIVITIES FOR THIS SITE.

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33853
EB 004857 Phone: (863) 913-9130

NO.	DATE	REVISION DESCRIPTION
△	02/13/24	REVISED PER ECUA COMMENTS
△	12/11/23	REVISED PER ECUA COMMENTS
△	09/21/21	REVISED PER COUNTY

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DAIMIAN D. LESLIE, P.E.
FL. REG #73113
6,625 SQ. FT. BUILDING

NEW CONVENIENCE STORE
7822 NORTH DAVIS HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM JOB # 18012

DATE: 11-06-2020

DESIGNED BY:

DRAWN BY: SLO/DBB FILE NAME:

CHECKED BY: 18012 CD

DRAWING TITLE:
WATER & SANITARY PLAN

SHEET NO.:
C3.0



ISSUED FOR BIDDING 03/08/2024

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN RD. LAKELAND, FL 33853
 EB #004857 Phone: (863) 919-1930

NO.	DATE	REVISION DESCRIPTION
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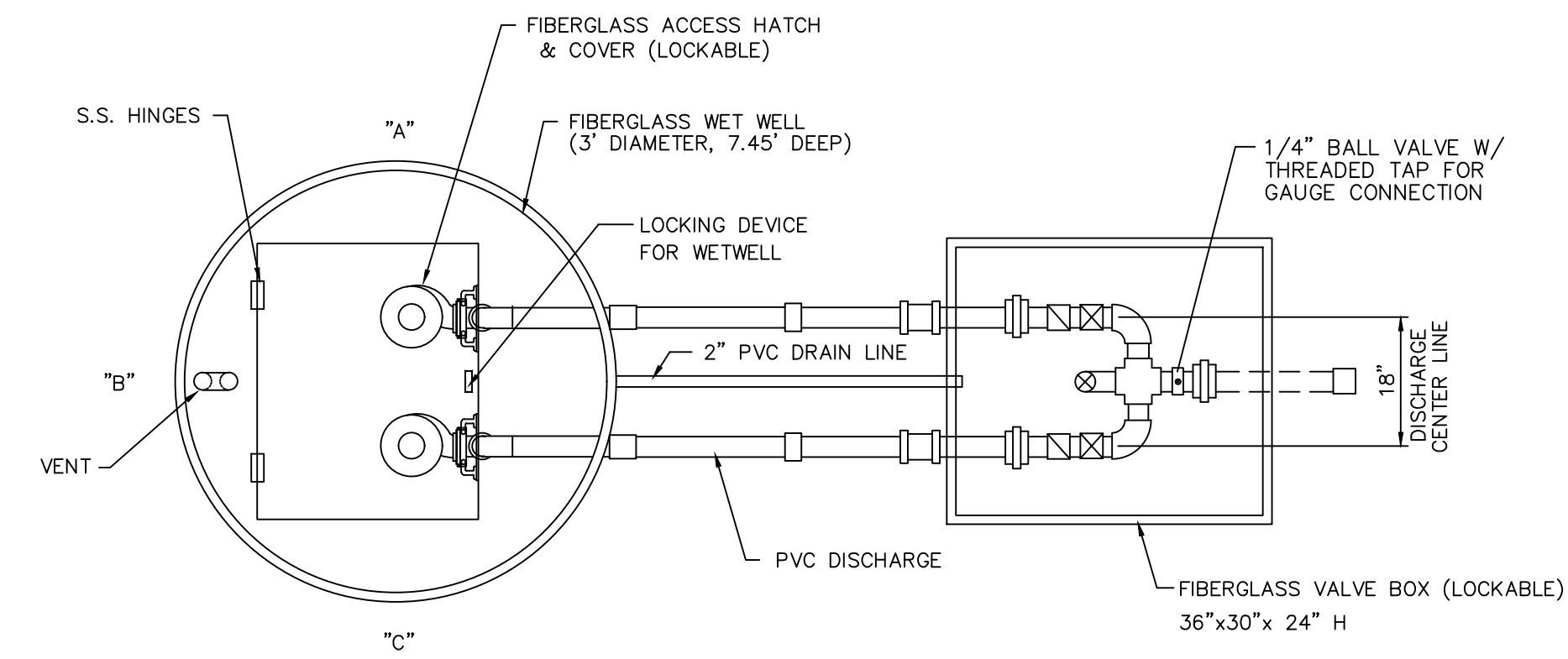
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SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM JOB # 18012
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 CHECKED BY: 18012 CD

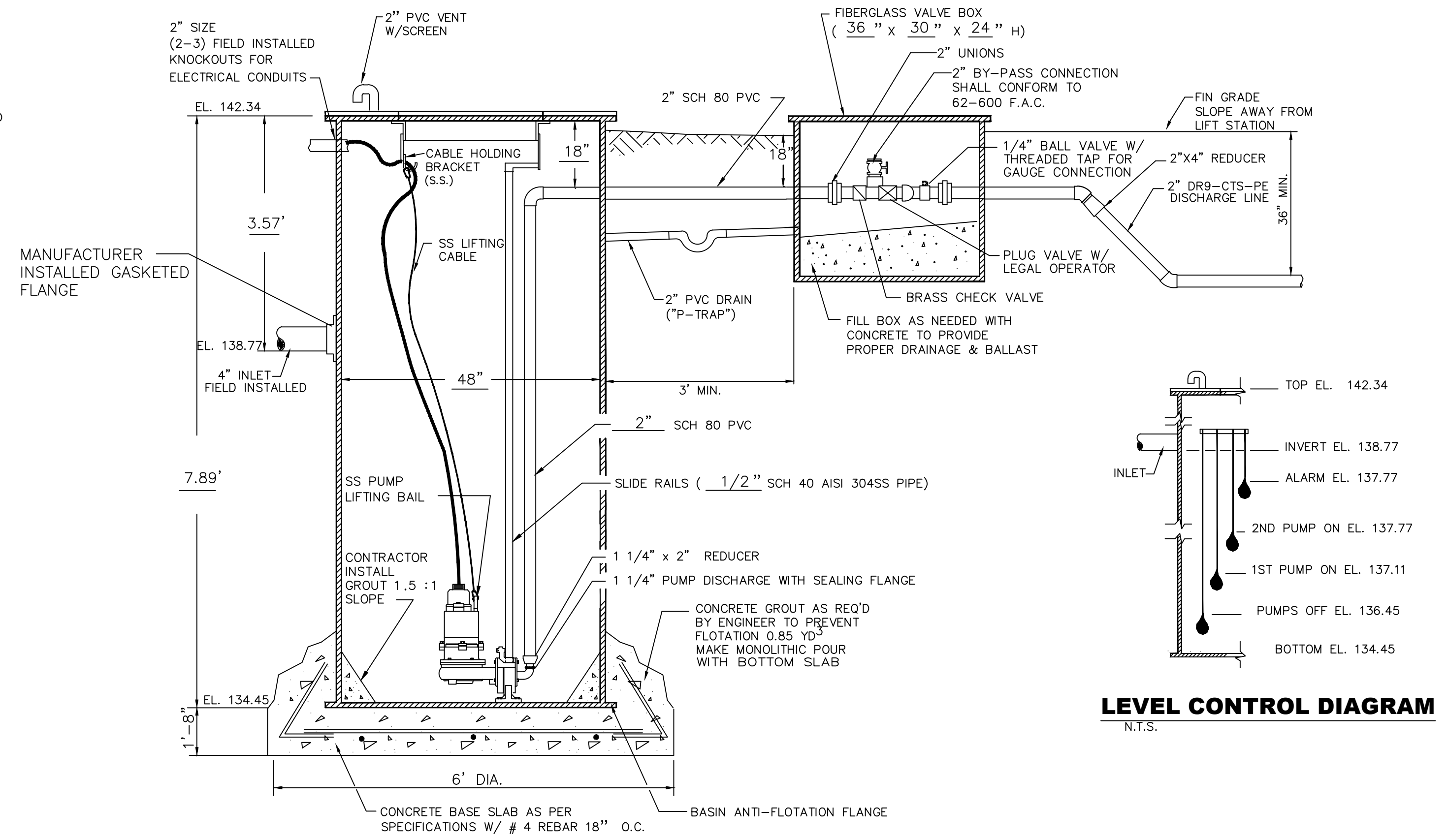
DRAWING TITLE:
LIFT STATION DETAILS

SHEET NO.:
C3.1



NOTE: PUMP CONTROL SHALL BE LOCATED 3 FEET FROM WET WELL PERIMETER OPTIONALLY AT "A", "B", OR "C"

LIFT STATION PLAN
 N.T.S.

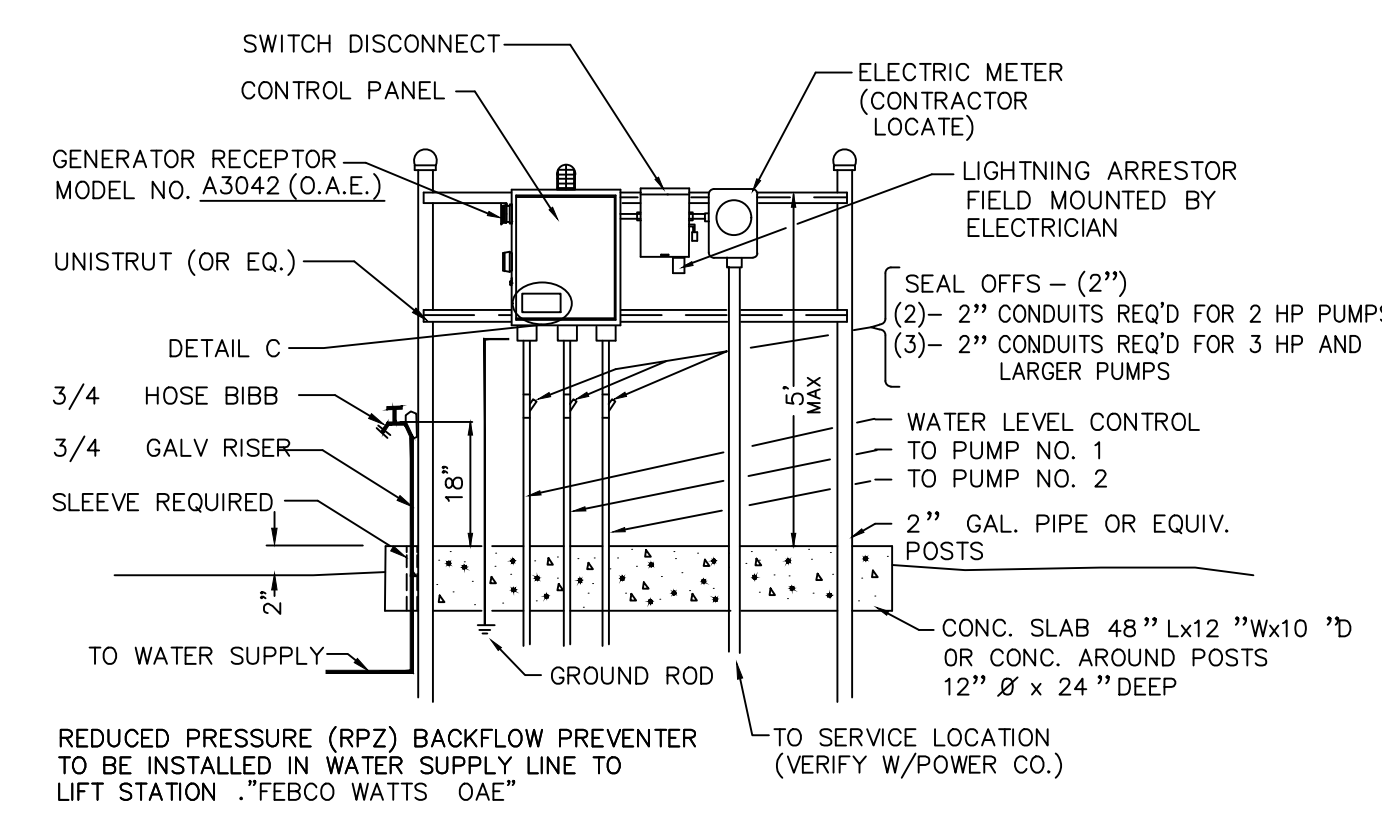


LEVEL CONTROL DIAGRAM
 N.T.S.

LIFT STATION SECTION
 N.T.S.

PUMP NOTES

1. MINIMUM DUTY POINT 25 GPM @ 115 TDH
2. DUPLEX STATION
3. BARNES SERIES: OGP PUMP OR EQUAL



ELECTRICAL RISER
 N.T.S.

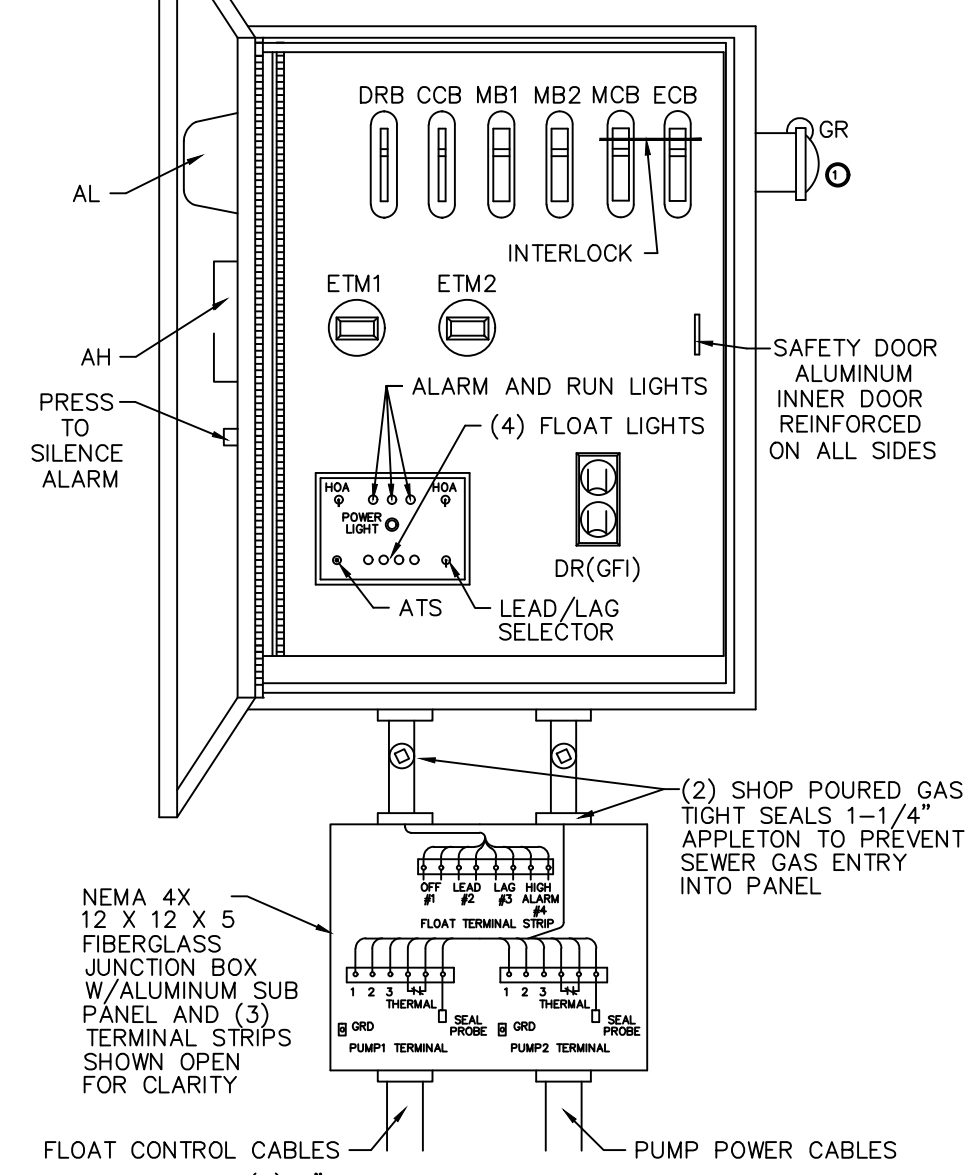
NOTES:

1. ALL DIMENSIONS ARE IN FEET EXCEPT AS NOTED.
2. DRAWING IS NOT TO SCALE.
3. ALL DIMENSIONS AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
4. PAINT EXPOSED FRP AS REQUIRED BY OWNER/ENGINEER.
5. F.R.P. INDICATES FIBERGLASS REINFORCED POLYESTER.
6. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.
- * 7. ELECTRICIAN TO RUN THREE SEPARATE 2" CONDUITS (ONE EACH FOR HIGH & LOW VOLTAGES) PER ELECTRICAL CODE BETWEEN CONTROL PANEL AND WETWELL.
- * 8. ALUMINUM WIRE SHALL NOT BE USED BETWEEN MAIN METER AND CONTROL PANEL.
- * 9. ELECTRICIAN SHALL SEAL OFF CONDUIT RUNS INSIDE WETWELL AND INSIDE OF CONTROL PANEL.
- * 10. ELECTRICIAN TO MOUNT LIGHTNING ARRESTOR AT SWITCH DISCONNECT (AHEAD OF THE PUMP CONTROL PANEL).
11. CONTROL PANEL, WETWELL AND VALVE BOX SHALL BE LOCKED.
12. CONTRACTOR SHALL FIELD INSTALL INLET FITTING AT PROPER ELEVATION.
13. ALL HARDWARE AND FASTENERS SHALL BE STAINLESS STEEL.
14. CONTRACTOR SHALL VERIFY POWER SOURCE PRIOR TO ORDERING EQUIPMENT.
- * 15. NEUTRAL REQUIRED ON ALL ELECTRICAL SERVICE TO CONTROL PANEL.

*** ELECTRICIAN NOTE**

CONTROL PANEL - SHALL CONFORM TO 62-400 F.A.C.
 CONTROL PANEL SHALL BE TSC MODEL-38D IN A NEMA 4X FIBERGLASS ENCLOSURE. THE PANEL SHALL MEET STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP), ENVIRONMENTAL PROTECTION COMMISSION (EPC) AND LOCAL CODE REQUIREMENTS GOVERNING PRIVATE LIFT STATIONS.
 ALL COMPONENTS, FLOAT SWITCHES AND CONTROL SYSTEM SHALL BE UL LISTED. THE CONTROL SYSTEM SHALL BE INTRINSICALLY SAFE.
 A JUNCTION BOX IS REQUIRED, WITH SHOP POURED SEALS BETWEEN BOX AND CONTROL PANEL TO PREVENT SEWER GAS ENTRY INTO CONTROL PANEL.
 ELECTRICAL CONTRACTOR TO PROVIDE SERVICE DISCONNECT WITH LIGHTNING ARRESTOR MOUNTED PER LOCAL CODES.
 THE CONTROL PANEL SHALL BE SUITABLY INSTALLED TO PREVENT SETTLING OR TIPPING.
 THE METERING SHALL BE CONFIGURED TO MEASURE THE DURATION OF INDIVIDUAL AND SIMULTANEOUS PUMP OPERATION.

CONTROL PANEL LAYOUT



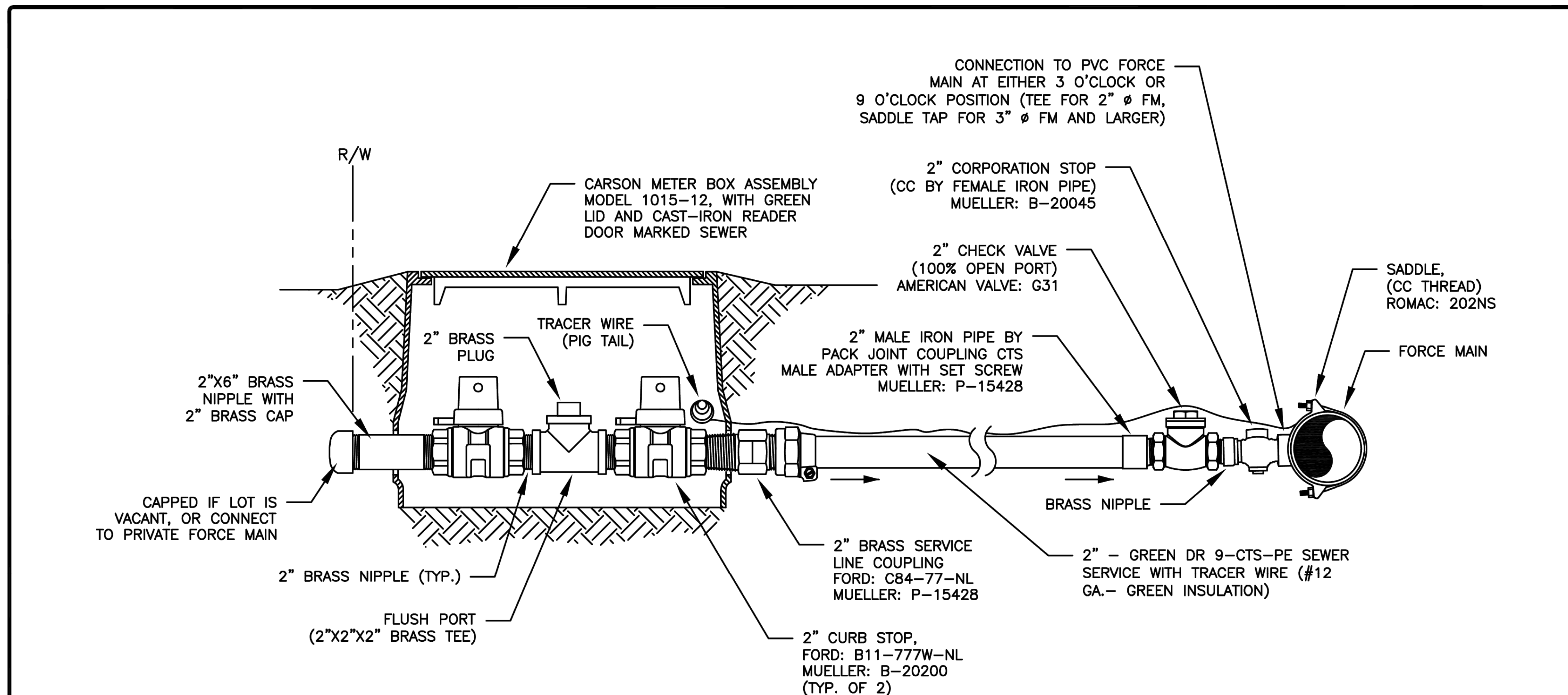
LEGEND

- AH ALARM HORN
- AL ALARM LIGHT
- ASB ALARM SILENCE BUTTON
- ATS ALTERNATOR TEST SWITCH
- CCB CONTROL CIRCUIT BREAKER
- DR DUPLEX RECEPTACLE
- DRB DUPLEX RECEPTACLE BREAKER
- ECB EMERGENCY CIRCUIT BREAKER
- ETM ELAPSED TIME METER
- F FUSE
- FL FLASHER
- FS FLOAT SWITCH (REGULATOR)
- GR GENERATOR RECEPTACLE
- GRD GROUND
- HQA HAND-OFF-AUTOMATIC SELECTOR
- LA LIGHTNING ARRESTOR
- MB MOTOR BREAKER
- MCB MAIN CIRCUIT BREAKER
- MS MOTOR STARTER
- N NEUTRAL
- OL'S OVERLOAD HEATERS
- OPM PHASE MONITOR
- PTS PUMP TERMINAL STRIP
- R RELAY
- RC RUN CAPACITOR
- RD DISCHARGE RESISTOR
- RL PUMP RUN INDICATORS
- RTS REGULATOR TERMINAL STRIP
- SC START CAPACITOR
- SR START RELAY
- SP SURGE PROTECTOR
- TTS THERMAL TERMINAL STRIP



Know what's below.
 Call before you dig.

ISSUED FOR BIDDING 03/08/2024



NOTES:

1. THIS DETAIL APPLIES TO ALL 2" LOW PRESSURE SEWER SERVICES, RESIDENTIAL AND COMMERCIAL.
2. EACH CUSTOMER SHALL HAVE A SEPARATE SERVICE. SERVICES SHALL BE LOCATED ON OPPOSITE LOT LINE FROM WATER METERS PER APPROVED PLANS. CONSULT WITH ECUA INSPECTOR IF UNCLEAR.
3. GRINDER STATION AND PIPES ON PRIVATE PROPERTY SHALL BE OWNED AND MAINTAINED BY THE PROPERTY OWNER.
4. EACH GRINDER PUMP SHALL BE CAPABLE OF DELIVERING 21 GPM AT A MINIMUM HEAD CONDITION OF 115' (50 PSI) OR MORE. PUMP SHALL BE SIZED AND SPECIFIED BY THE ENGINEER OF RECORD WITH SELECTION SHOWN ON ECUA APPROVED PLANS, AND PLUMBERS/SUPPLIERS SHALL SUPPLY PUMP THAT MEETS OR EXCEEDS SAID SELECTION BASED ON SITE CONDITIONS. A CHECK VALVE AND BALL VALVE SHALL BE SUPPLIED AT THE GRINDER STATION.
5. IF SERVICE IS INSTALLED UNDER ROAD, THEN A 4" HDPE SDR 11 GREEN, OR 4" HDPE SDR 11 GREEN-STRIPED CASING SHALL BE INSTALLED.



SCALE: N.T.S.
DATE: 8/04/2021

2" LOW PRESSURE SEWER SERVICE

DETAIL
D-20C

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33853
EB #004857 Phone: (863) 913-9130

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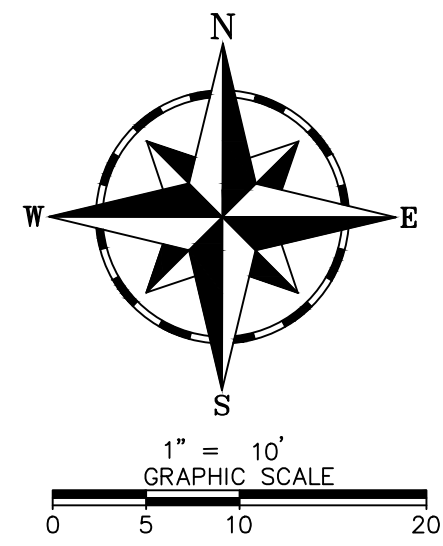
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DAIMIAN D. LESLIE, P.E.
FL. REG #73113
6,625 SQ. FT. BUILDING
SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED	MDM JOB # 18012
DATE: 11-06-2020	
DESIGNED BY:	
DRAWN BY: SLO/DOB	FILE NAME: 18012 CD
CHECKED BY:	
DRAWING TITLE: ECUA DETAIL	
SHEET NO: C3.2	

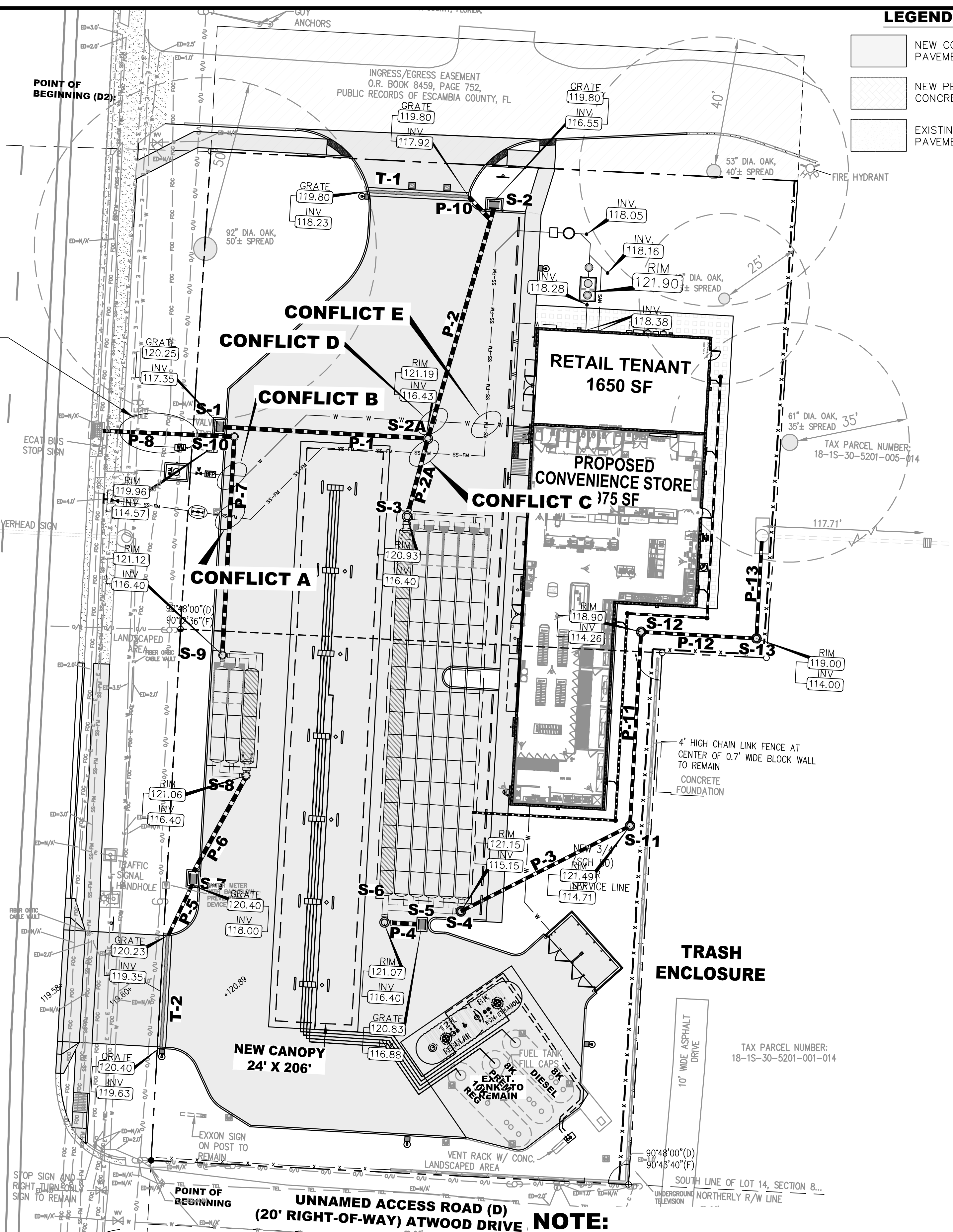


ISSUED FOR BID 03/08/2024



AREA OF POTENTIAL CONFLICT - G.C. TO USE CARE DURING CONSTRUCTION AND LOCATE EXISTING UTILITIES

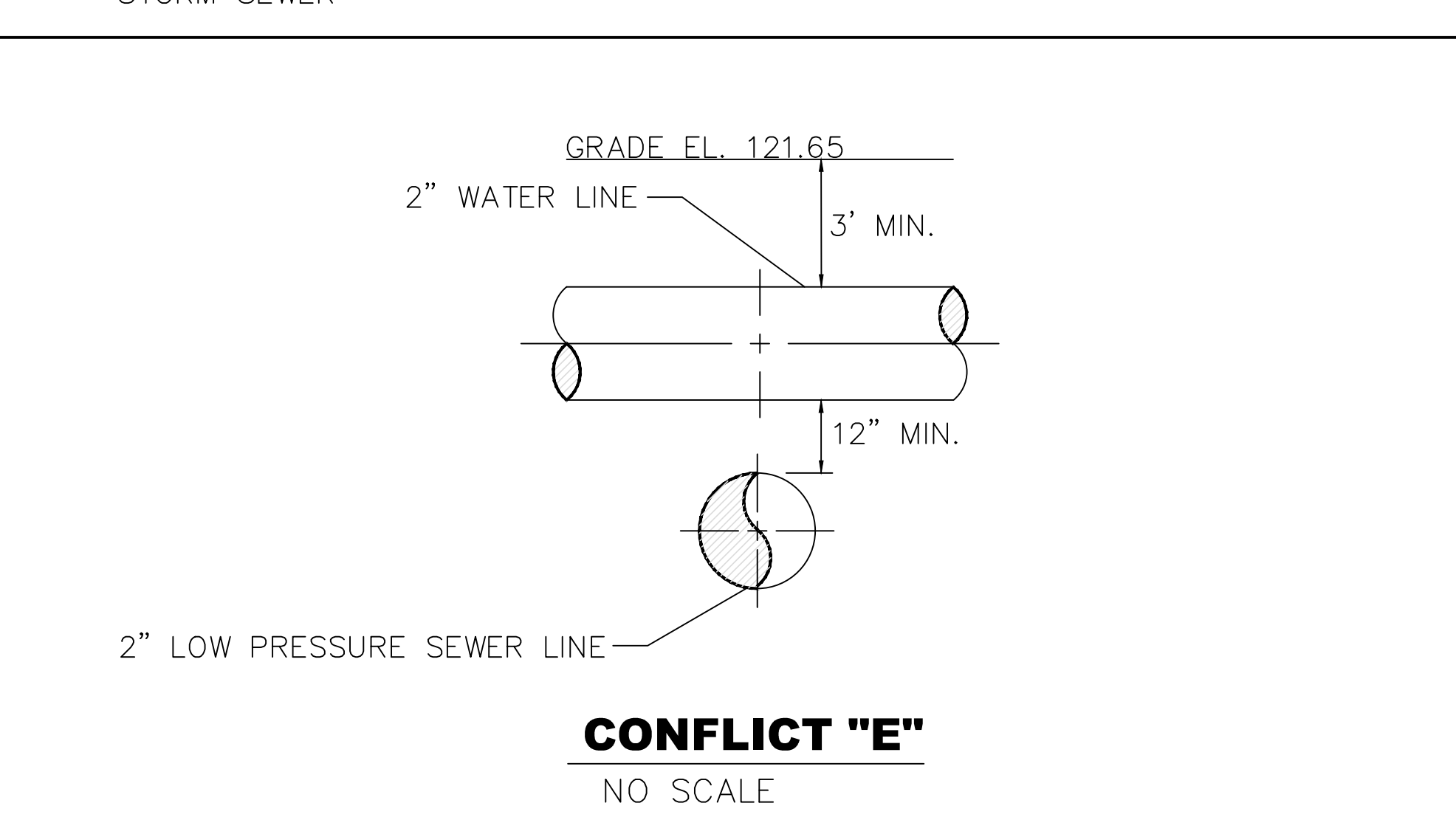
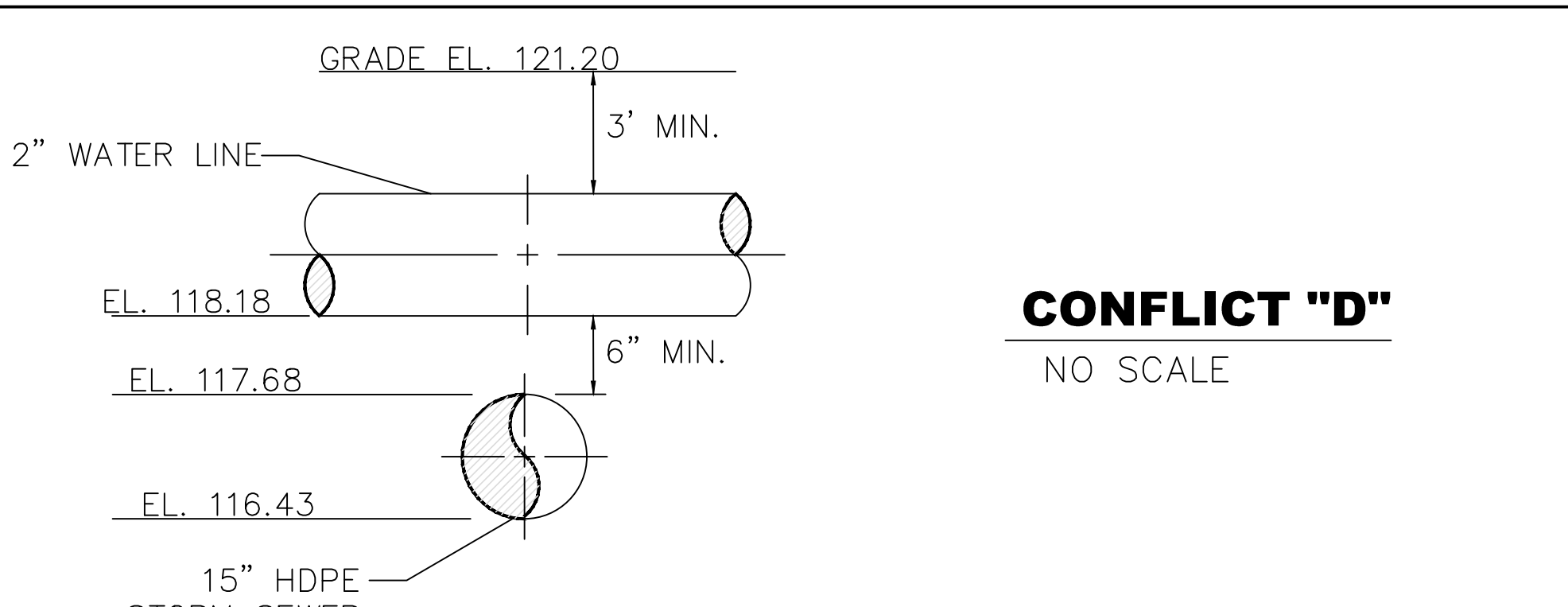
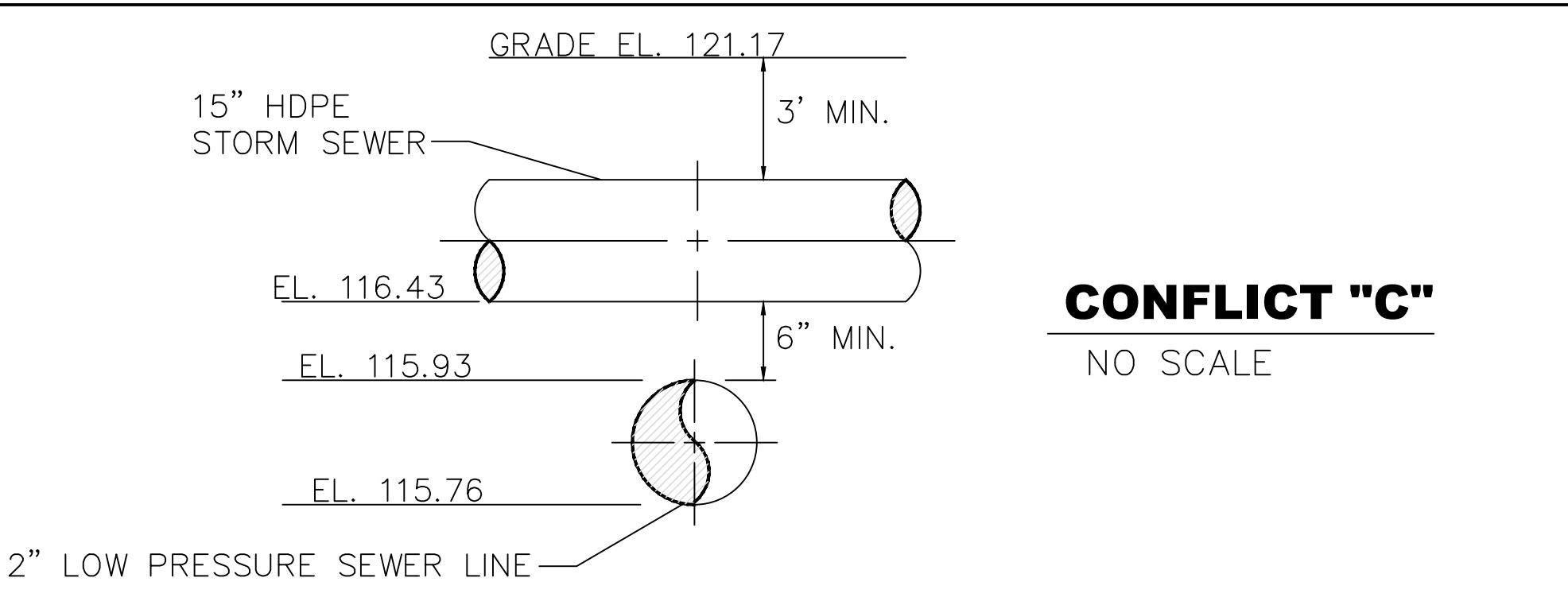
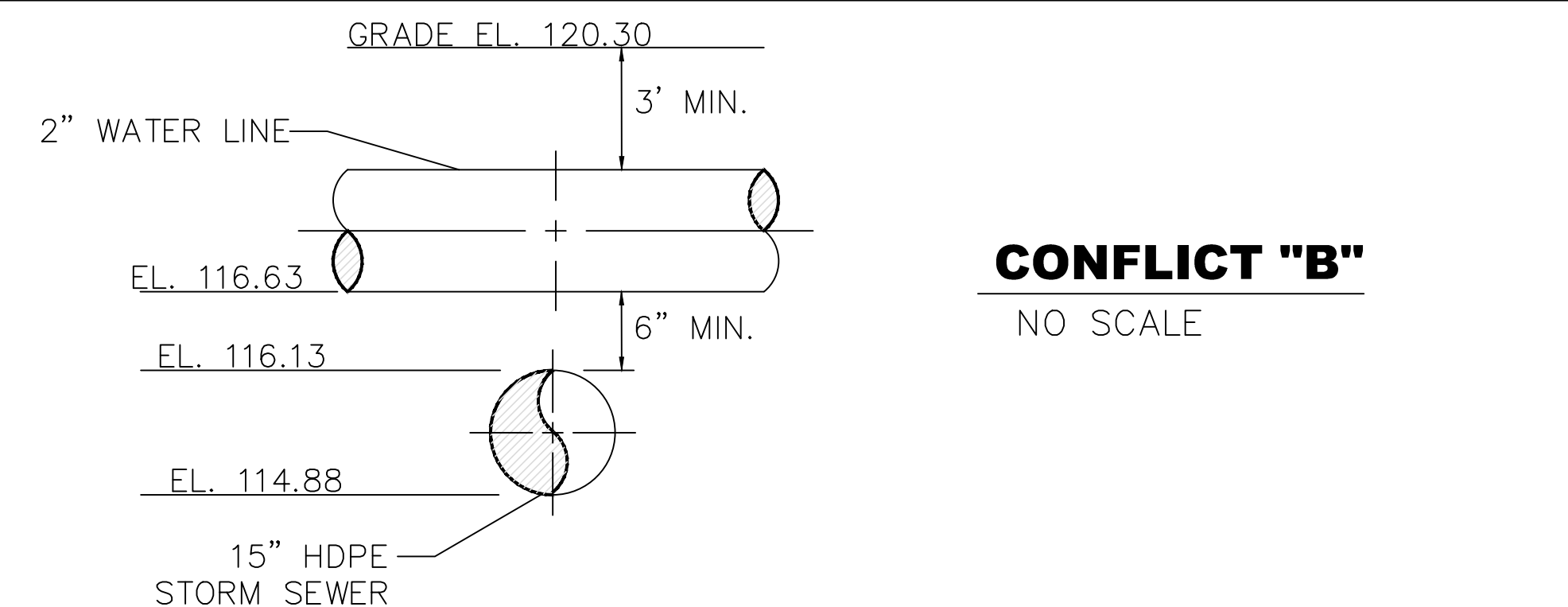
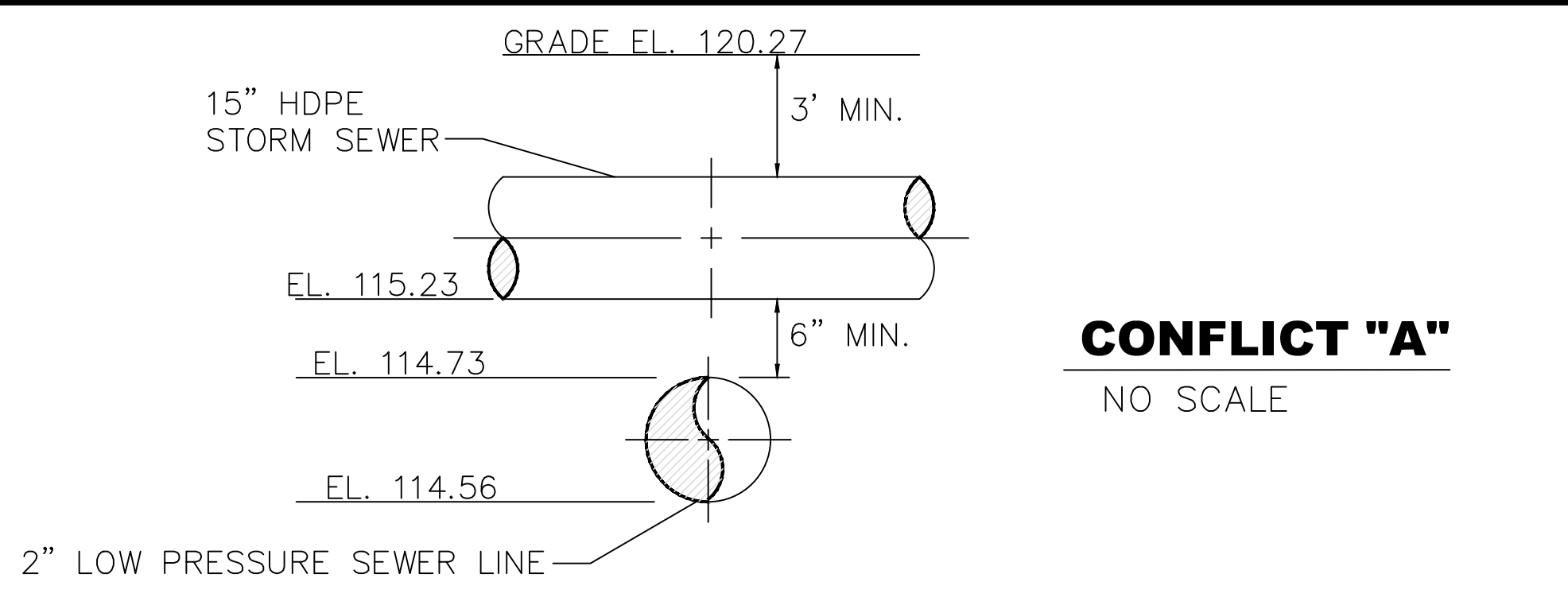
DAVIS HIGHWAY, STATE ROAD #291 (FORMERLY FERRY PAS HIGHWAY) (200' RIGHT-OF-WAY)



LEGEND:

- NEW CONCRETE PAVEMENT
- NEW PERVIOUS CONCRETE PAVERS
- EXISTING CONCRETE PAVEMENT

NOTE:
G.C. TO FIELD VERIFY ALL EXISTING UTILITIES. CONTRACTOR TO EXERCISE CAUTION WHEN WORKING AROUND OTHER UTILITIES INCLUDING MUNICIPAL GAS, WATER, SEWER, ETC. CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO MUNICIPAL UTILITIES.



CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
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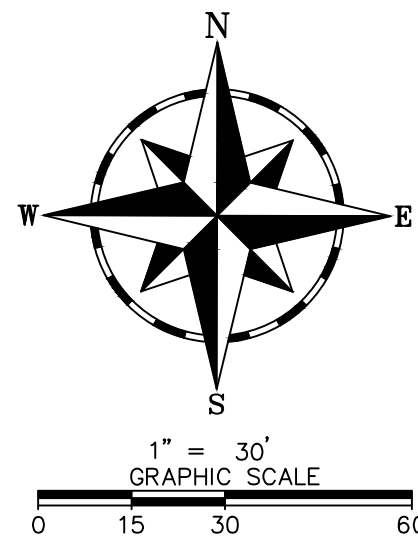
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7822 NORTH DAVIS HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM JOB # 18012
DATE: 11-06-2020
DESIGNED BY:
DRAWN BY: SLO/DBB FILE NAME:
CHECKED BY: 18012 CD 11/06/20
DRAWING TITLE:
UNDERGROUND PIPING PLAN

SHEET NO.:
C4.0



ISSUED FOR BID 03/08/2024

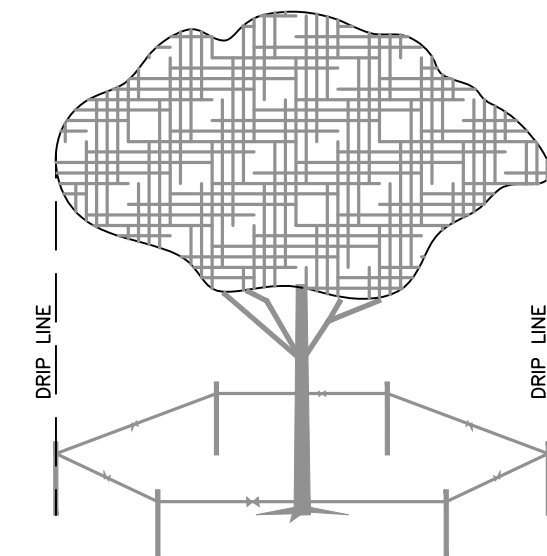
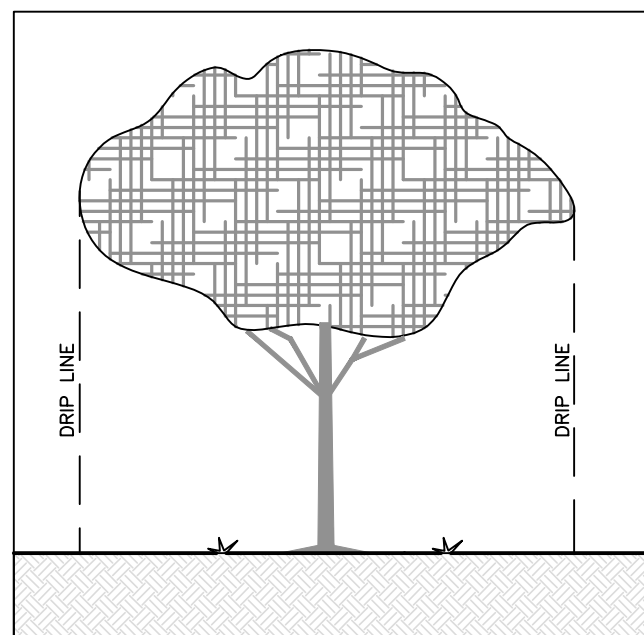


EROSION CONTROL LEGEND

CODE	PRACTICE	SYMBOL
Co	CONSTRUCTION EXIT	
Sd1	SEDIMENT BARRIER SILT FENCE	
Sd2	INLET SEDIMENT TRAP (OPT. SILT SAVER)	

ACTIVITY	PROJECTED START MONTH: OCT 2021												
	WEEKS												
	1	2	3	4	5	6	7	8	9	10	11	12	13
1	INSTALL INITIAL/PERIMETER SEDIMENT CONTROLS												
2	CLEARING & GRUBBING												
3	GRADING												
4	STORM DRAINAGE INSTALLATION												
5	INSTALL SEDIMENT TRAPS & STRUCTURES												
6	INSTALL UNDERGROUND STORAGE TANKS												
7	UTILITY INSTALLATION												
8	BLDG./CANOPY CONSTRUCTION												
9	PAVING												
10	GRASSING (TEMPORARY & PERMANENT)												
11	FINAL LANDSCAPING												
12	EROSION CONTROL MAINTENANCE												
13	CLEAN UP/DISPOSITION OF EROSION CONTROL												
14	FINAL INSPECTIONS & C.O.												

TR1 TREE BARRICADE



BARRIER REQUIREMENTS AND SPECIFICATIONS:

PROTECTIVE BARRIERS ARE USED DURING LAND ALTERATIONS AND CONSTRUCTION ACTIVITIES TO PROTECT TREES AND NATURAL AREAS TO BE RETAINED ON A SITE.

PROTECTIVE BARRIERS MUST BE ERRECTED AROUND TREES TO BE RETAINED WITHIN AN AREA WHERE LAND ALTERATION AND CONSTRUCTION ACTIVITIES WILL OCCUR AS WELL AS ALONG NATURAL AREAS WHERE SUCH AREAS ARE ADJACENT TO PERMITTED LAND ALTERATION OR CONSTRUCTION ACTIVITIES. A PROTECTIVE BARRIER MUST REMAIN IN PLACE UNTIL THE LAND ALTERATION AND CONSTRUCTION ACTIVITIES ARE COMPLETED OR UNTIL COMMENCEMENT OF GRADE FINISHING AND SODDING. NO GROUND DISTURBANCE MUST OCCUR WITHIN THE BARRICADED AREA.

TREES:

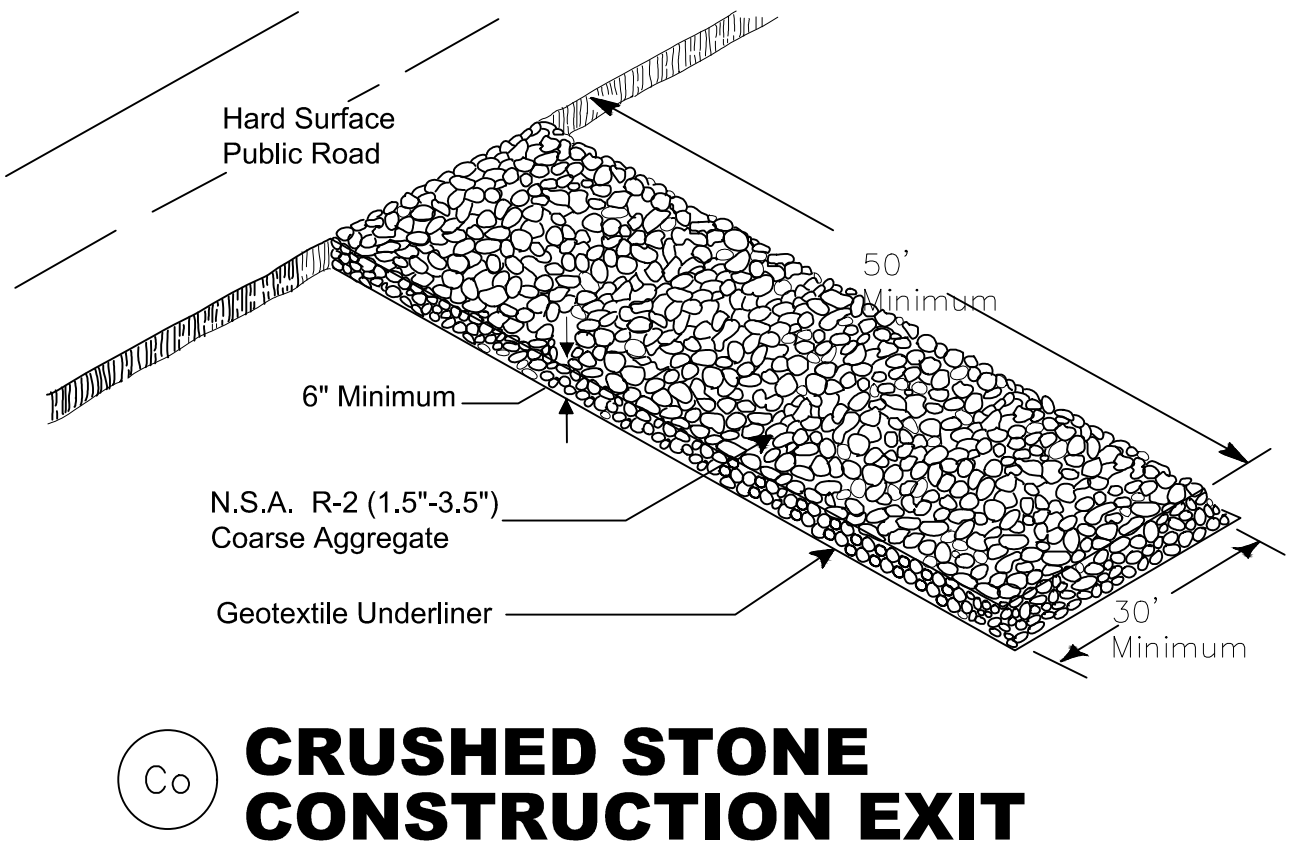
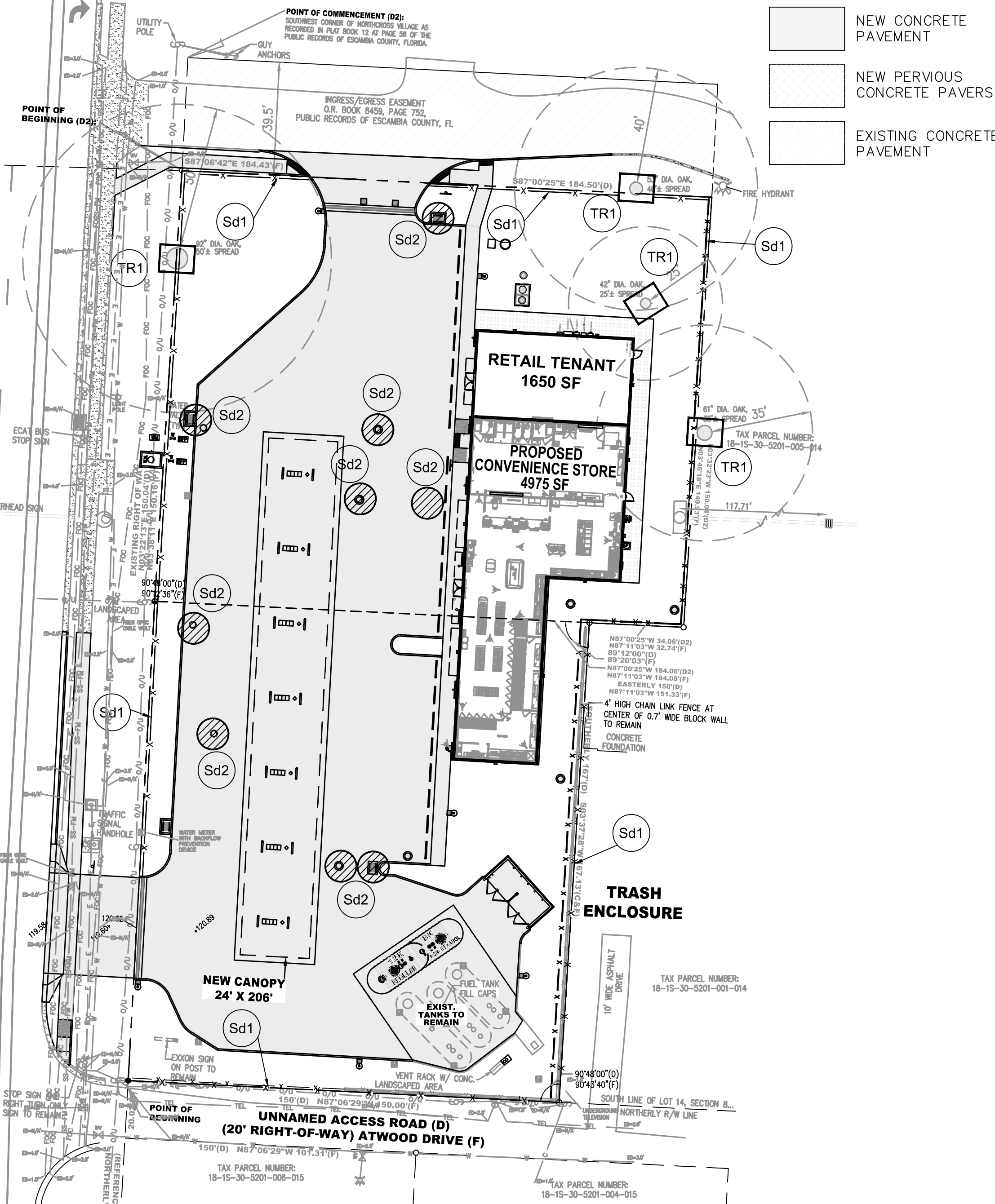
TO RESTRICT ACCESS INTO THE AREA WITHIN THE DRIFLINE OF A TREE, A PHYSICAL STRUCTURE NOT LESS THAN 3 FEET IN HEIGHT, COMPRISED OF WOOD OR OTHER SUITABLE MATERIAL, IS PLACED AROUND THE TREE AT THE DRIFLINE, EXCEPT WHERE LAND ALTERATION OR CONSTRUCTION ACTIVITIES ARE APPROVED WITHIN THE DRIFLINE.

THE DRIF LINE OF A TREE IS THE IMAGINARY VERTICAL LINE THAT EXTENDS DOWNWARD FROM THE OUTERMOST TIPS OF THE TREE BRANCHES TO THE GROUND (FIGURE A).

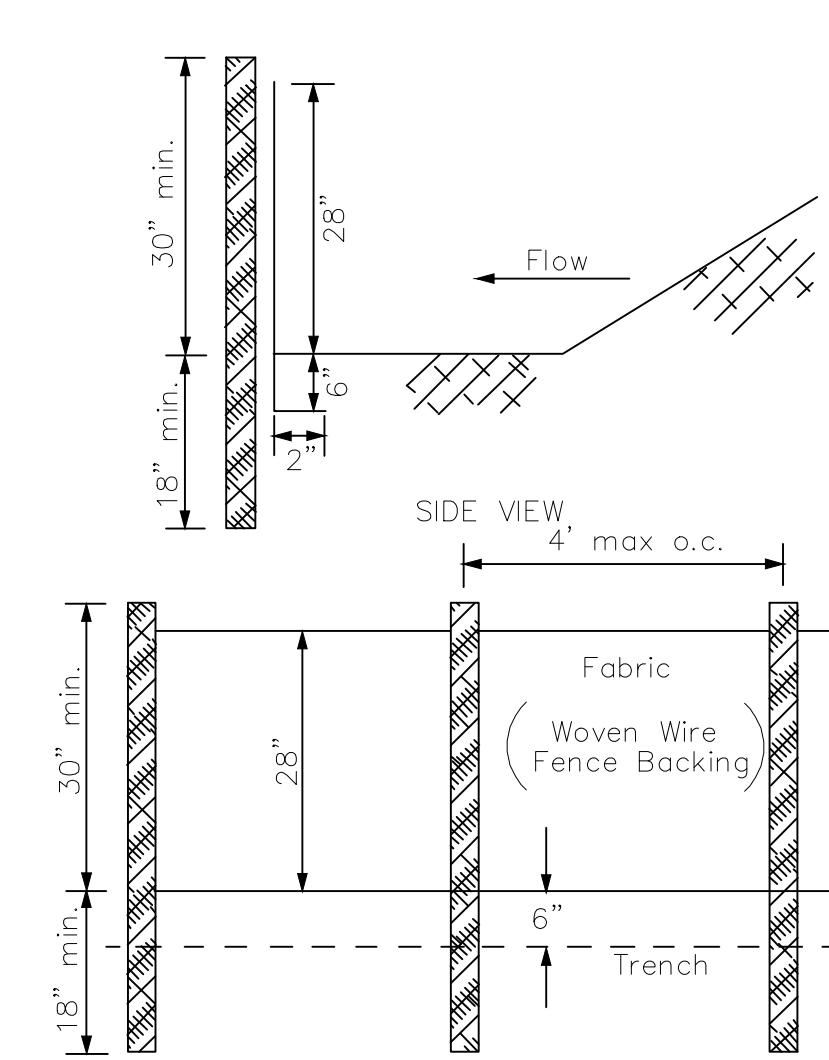
BARRIER SPECIFICATIONS FOR TREES
FOUR CORNER UPRIGHT STAKES OF NO LESS THAN 2" X 2" LUMBER CONNECTED BY HORIZONTAL MEMBERS OF NO LESS THAN 1" X 4" LUMBER, OR UPRIGHT STAKES SPACED AT 4'-5' INTERVALS OF NO LESS THAN 2" X 2" LUMBER, CONNECTED BY TWINE FLAGGED WITH PLASTIC SURVEYING TAPE AT REGULAR INTERVALS. (FIGURE B)

LEGEND:

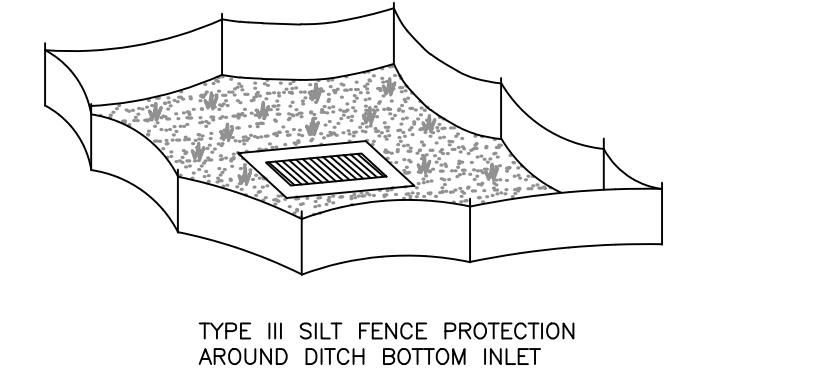
- NEW CONCRETE PAVEMENT
- NEW PERVIOUS CONCRETE PAVERS
- EXISTING CONCRETE PAVEMENT



Co CRUSHED STONE CONSTRUCTION EXIT



Sd1 SILT FENCE



Sd2 FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION

ESCAMBIA COUNTY TREE PROTECTION NOTES:

- PROTECTED TREES SHALL REMAIN ONSITE AND ANY DEMO WORK, LAND CLEARING/ LAND DISTURBING ACTIVITIES, INCLUDING THE PLACEMENT OF FILL/ FILL MATERIALS, GRADING, EXCAVATING, ETC. SHALL NOT OCCUR UNTIL SUCH TIME AS APPROPRIATE PERMIT(S) ARE ISSUED FOR THE PROPOSED SITE WORK
- ALL ADEQUATE TREE PROTECTION MEASURES AND BARRICADES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE AND MAINTAINED IN GOOD WORKING ORDER UNTIL PROJECT IS COMPLETE, AND SITE BECOMES STABILIZED.

PRODUCT SPECIFIC PRACTICES:

Petroleum Based Products - Containers for products such as fuels, lubricants and tars will be inspected daily for leaks and spills. This includes on-site vehicle and machinery daily inspections and regular preventative maintenance of such equipment. Equipment maintenance areas will be located away from state water, natural drains and storm water drainage inlets. In addition, temporary fueling tanks shall have a secondary containment liner to prevent/minimize site contamination. Discharge of oils, fuels and lubricants is prohibited. Proper disposal methods will include collection in a suitable container and disposal as required by local and State regulations.

Paints/Finishes/Solvents - All products will be stored in tightly sealed original containers when not in use. Excess product will not be discharged to the storm water collection system. Excess product, materials used with these products and product containers will be disposed of according to manufacturer's specifications and recommendations.

Concrete Truck Washing - NO concrete trucks will be allowed to wash out or discharge surplus concrete or drum wash water on-site.

Fertilizer/Herbicides - these products will be applied at rates that do not exceed the manufacturer's specifications or above the guidelines set forth in the GSWCC Manual for Erosion and Sediment Control in Georgia. Any storage of these materials will be under roof in sealed containers.

Building materials - No building or construction materials will be buried or disposed of on-site. All such material will be disposed of in proper waste disposal procedures.

Solid Waste Materials - All waste materials will be collected and stored in a securely lidded metal dumpster. The dumpster will meet all solid waste management regulations. All trash and construction debris from the site will be deposited in the dumpster will be emptied once per week or more often, if necessary, and trash will be hauled as required by local regulations. No construction waste will be buried onsite.

All personnel will be instructed on proper procedures for waste disposal. A notice stating these practices will be posted at the jobsite and the Contractor will be responsible for seeing that these procedures are followed.

Hazardous Wastes - All hazardous waste materials will be disposed of in a manner specified by local, state, and/or federal regulations and by the manufacturer of such products. The job site superintendent, who will also be responsible for seeing that these practices are followed, will instruct site personnel in these practices. Material Safety Data Sheets (MSDS's) for each substance with hazardous properties that is used on the job site will be obtained and used for the proper management of potential wastes that may result from these products. An MSDS will be posted in the immediate area where such product is stored and/or used and another copy of each MSDS will be maintained in the ESPCP file at the job site construction trailer office. Each employee who must handle a substance with hazardous properties will be instructed on the use of MSDS sheets and the specific information in the applicable MSDS for the product he/she is using, particularly regarding spill control techniques.

The contractor will implement the Spill Prevention Control and Countermeasures (SPCC) Plan found within this ESPCP and will train all personnel in the proper cleanup and handling of spilled materials. No spilled hazardous materials or hazardous waste will be allowed to come in contact with storm water discharges. If such contact occurs, the stormwater discharge will be contained on site until appropriate measures in compliance with state and federal regulations are taken to dispose of such contaminated storm water. It shall be the responsibility of the job site superintendent to properly train all personnel in the use of the SPCC plan.

Sanitary Waste - A minimum of one portable sanitary unit will be provided for every ten (10) workers on the site. All sanitary waste will be collected from the portable units a minimum of one time per week by a licensed portable facility provider in complete compliance with local and state regulations.

All sanitary waste units will be located in an area where the likelihood of the unit contributing to storm water discharge is negligible. Additional containment BMP's must be implemented, such as gravel bags or specially designed plastic skid containers around the base, to prevent wastes from contributing to storm water discharges. The location of sanitary units must be identified on the Erosion Control Plan Grading phase, Sheet C5.0, by the contractor once the locations have been determined.

SOIL CLEANUP AND CONTROL PRACTICES:

- local, State and manufacturer's recommended methods for spill cleanup will be clearly posted and procedures will be made available to site personnel.
- Material and equipment necessary for spill cleanup will be kept in the material storage areas. Typical materials and equipment includes, but is not limited to, brooms, dustpans, mops, rags, gloves, goggles, cat litter, sand, sawdust, and properly labeled plastic and metal waste containers.
- Spill prevention practices and procedures will be reviewed after a spill and adjusted as necessary to prevent future spills.
- All spills will be cleaned up immediately upon discovery. All spills will be reported as required by local, State and Federal regulations.
- FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER) THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675.
- FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675.
- FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE FLORIDA DEP WILL BE CONTACTED WITHIN 24 HOURS.
- FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.

SEEDING CHART

SPECIES	SEEDING RATE/ACRE	PLANTING TIME	DESIRED pH RANGE	FERTILIZATION RATE/ACRE	METHOD OF ESTABLISHMENT	ZONE OF ADAPTABILITY
COMMON BERMUDA	15 lbs alone 10 lbs mixture	3/1 - 7/15 9/1 - 11/30	6.0 - 7.0	600 lbs 13-13-13	seed or sod	All
BAHIA	40 lbs alone 30 lbs mixture	3/1 - 7/15 9/1 - 11/30	6.0 - 7.0	600 lbs 13-13-13	seed	Central South
FESCUE	40 lbs alone 30 lbs mixture	9/1 - 11/30	6.0 - 7.0	600 lbs 13-13-13	seed	North Central
SAINT AUGUSTINE	---	3/1 - 7/15	6.0 - 7.0	600 lbs 13-13-13	sod only	Central South
CENTPEDE	4 lbs alone 2.5 lbs mixture	3/1 - 7/15	6.0 - 7.0	600 lbs 13-13-13	seed or sod	All
CARPET GRASS	15 lbs alone 10 lbs mixture	3/1 - 7/15	6.0 - 7.0	600 lbs 13-13-13	seed or sod	All
DYSIA GRASS	---	3/1 - 7/15	6.0 - 7.0	600 lbs 13-13-13	sod only	All
CREeping RED FESCUE	30 lbs alone 22.5 lbs mixture	9/1 - 11/30	6.0 - 7.0	600 lbs 13-13-13	seed	All
WEeping LOVEGRASS	10 lbs alone 5 lbs mixture	3/1 - 7/15	6.0 - 7.0	600 lbs 13-13-13	seed	All
SERICEA LESPEDEZZA	40 lbs	3/1 - 7/15 9/1 - 11/30	6.0 - 7.0	400 lbs 6-24-24	seed	All
* WHEAT	90 lbs alone	9/1 - 11/30	6.0 - 7.0	600 lbs 13-13-13	seed	All
* RYEGRASS	30 lbs	9/1 - 11/30	6.0 - 7.0	600 lbs 13-13-13	seed	All
* WHITE CLOVER	5 lbs	9/1 - 11/30	6.0 - 7.0	400 lbs 6-24-24	seed	All
CRIMSON CLOVER	25 lbs alone 15 lbs mixture	9/1 - 11/30	6.0 - 7.0	400 lbs 6-24-24	seed	All
* HAIRY VETCH	30 lbs	9/1 - 11/30	6.0 - 7.0	400 lbs 6-24-24	seed	All
* BROWNTOP MILLET	40 lbs alone 15 lbs mixture	4/1 - 8/30	6.0 - 7.0	600 lbs 13-13-13	seed	All

* Annuals, For permanent seeding. Annuals can only be used in a mixture with perennials.

PENSACOLA NOTES:

1. SHOULD OFF-SITE TRACKING OF DIRT AND SEDIMENT OCCUR; A ROCK CONSTRUCTION ENTRANCE WILL BE REQUIRED.
2. NO SITE WORK ACTIVITIES SHALL TAKE PLACE WITHOUT CITY SITE REVIEW/APPROVAL OF PROPOSED EROSION CONTROL MEASURES AND ADVANCED NOTIFICATION OF THE REQUESTED.

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33853
EB 004857 Phone: (863) 913-9130

09/21/21 REVISED PER COUNTY

This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date 09/21/21. Printed copies of this document are not considered signed and sealed. Electronic signatures must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
FL. REG #73113
6,625 SQ. FT. BUILDING

NEW CONVENIENCE STORE
7822 NORTH DAVIS HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM JOB # 18012

DATE: 11-06-2020

DESIGNED BY: SLO/DBB FILE NAME: 18012 CD 11-06-2020

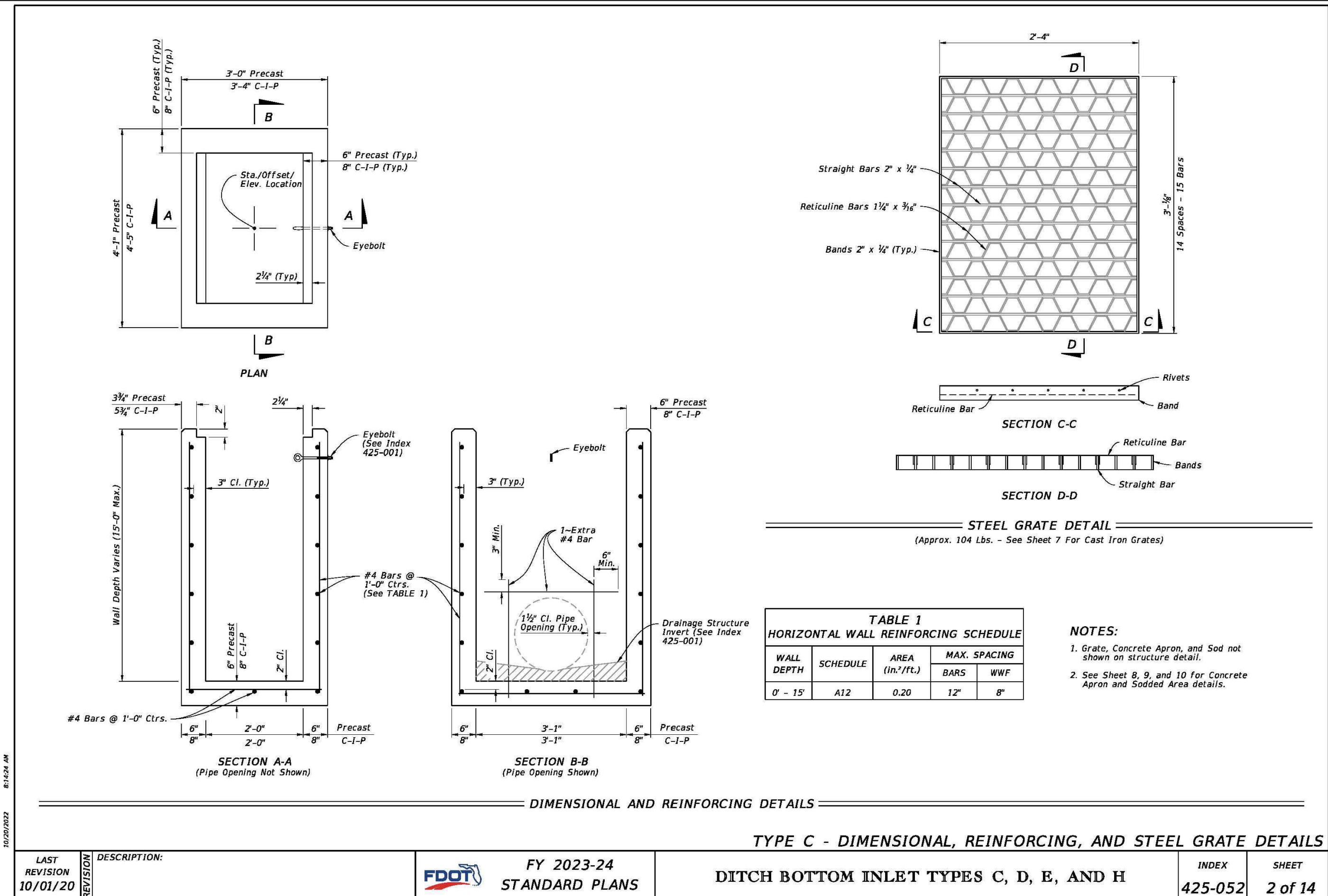
CHECKED BY: 18012 CD 11-06-2020

DRAWING TITLE:
EROSION CONTROL PLAN

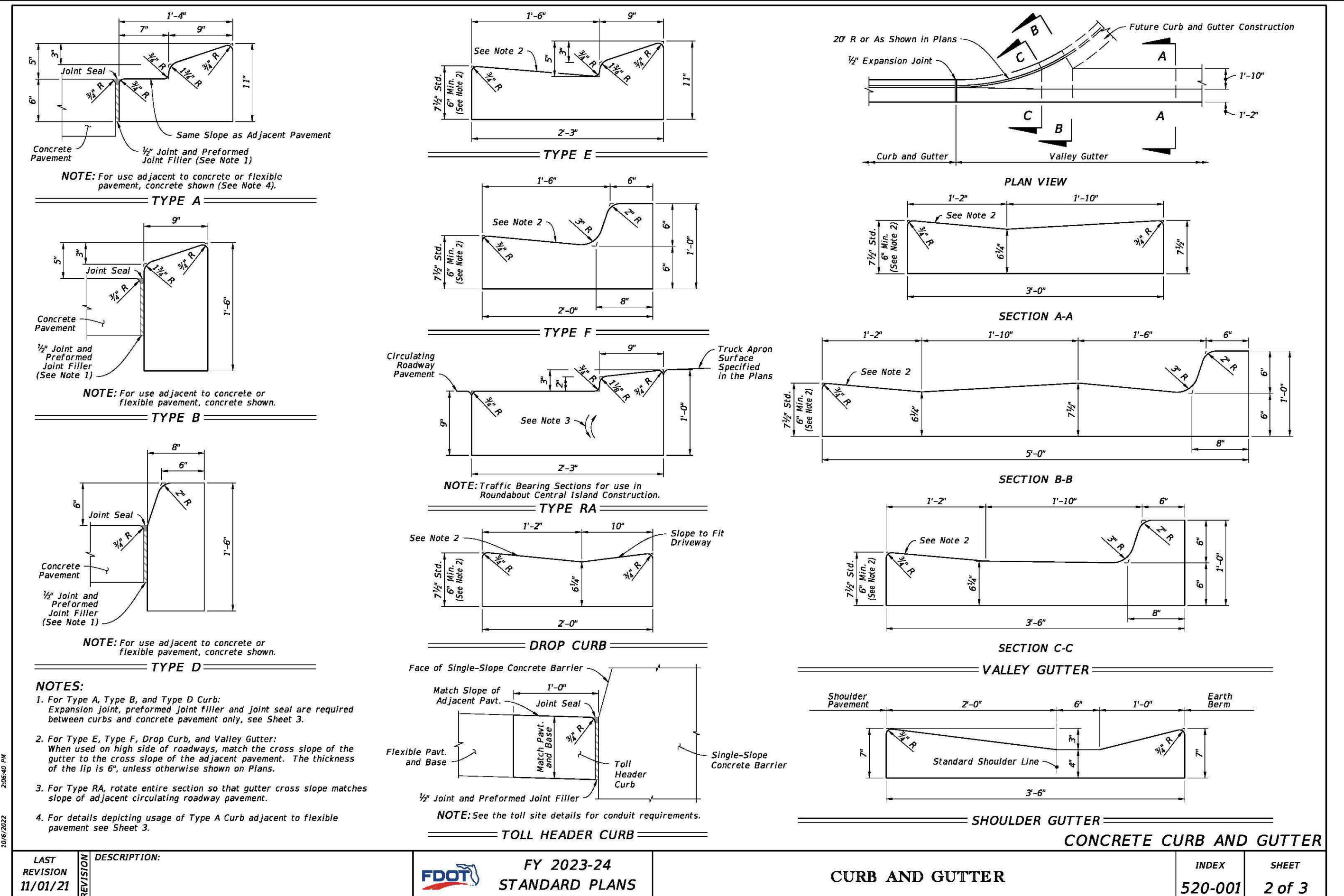
SHEET NO. **C5.0**



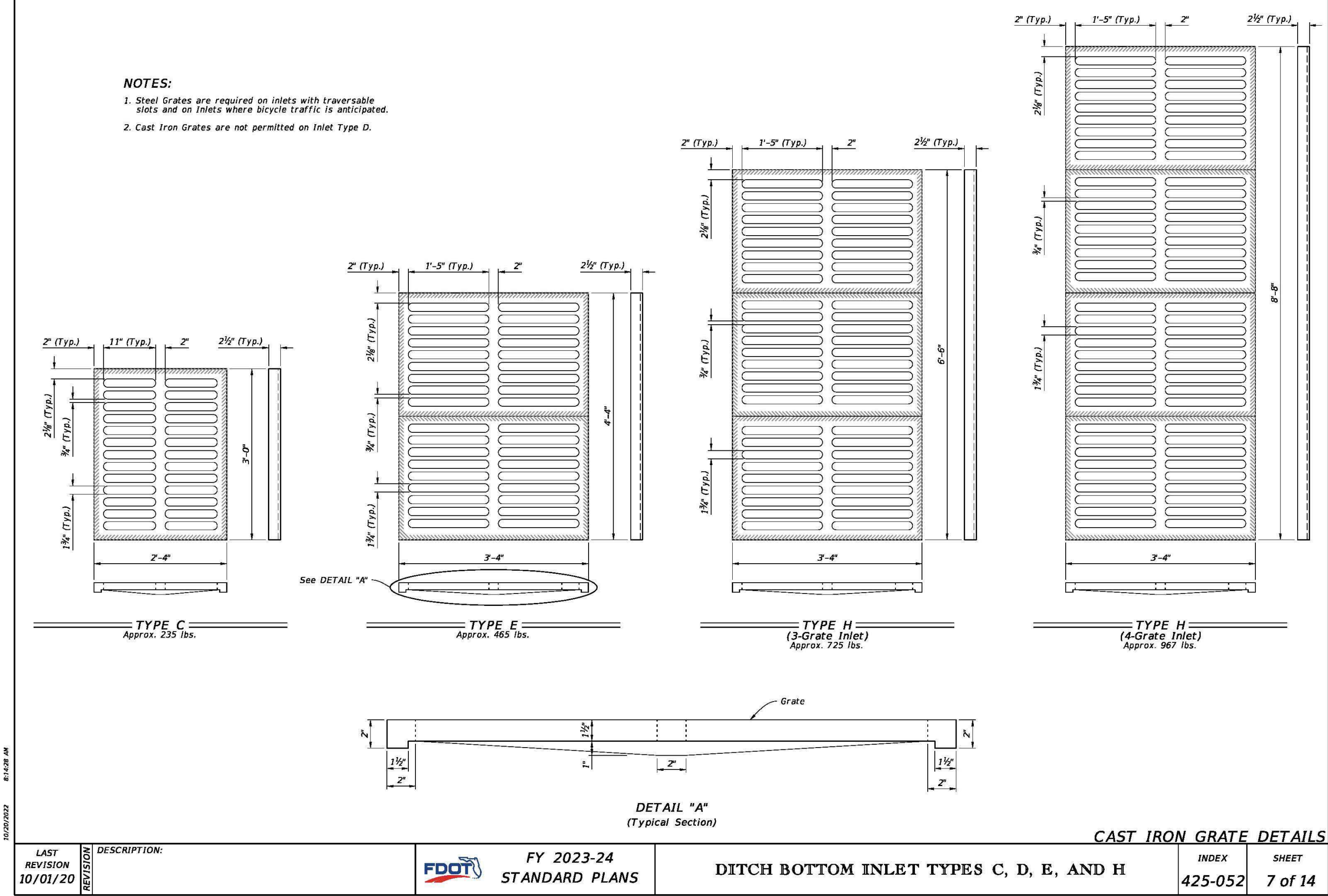
ISSUED FOR BID 03/08/2024



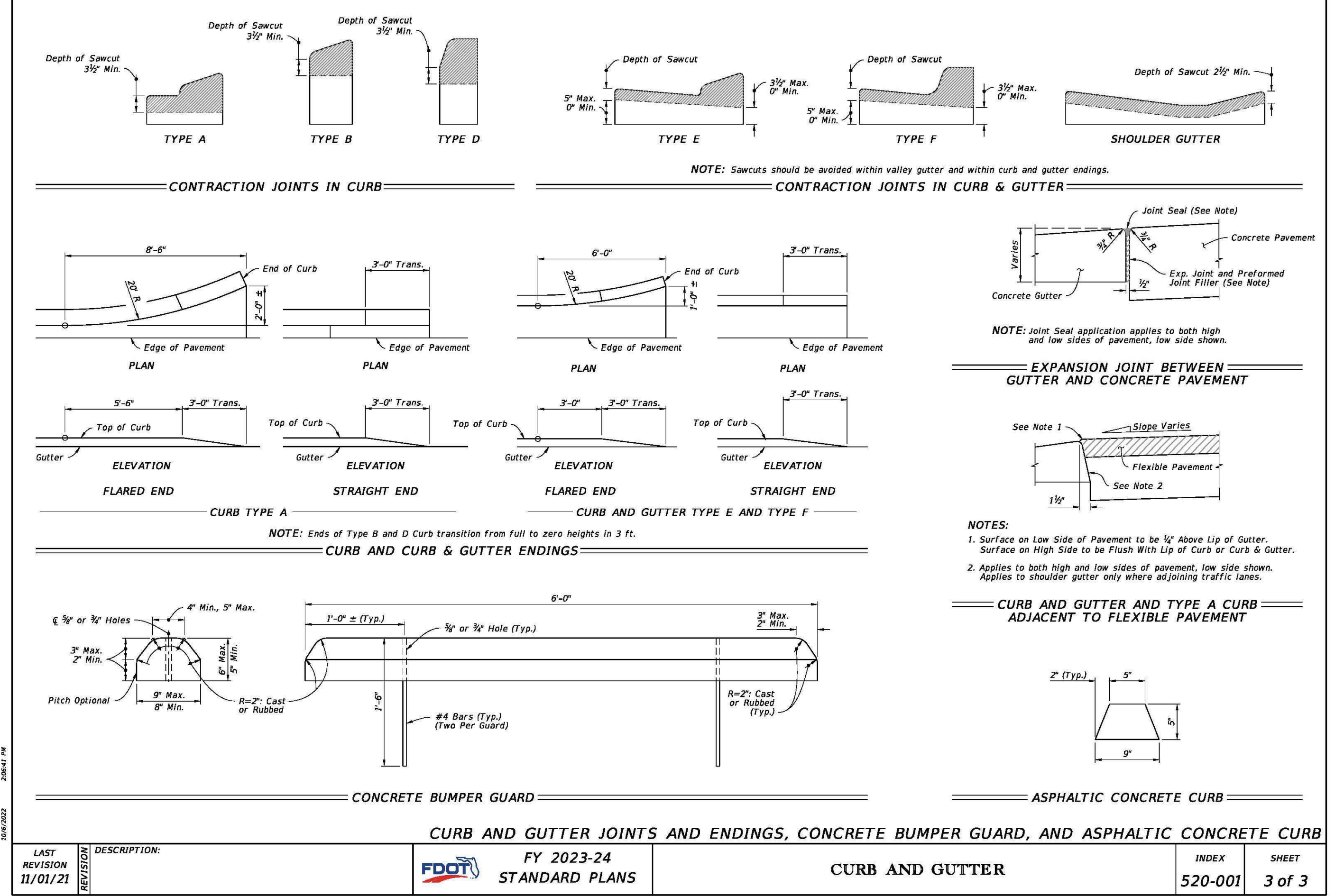
LAST REVISION	DESCRIPTION:	FDOT	FY 2023-24 STANDARD PLANS	DITCH BOTTOM INLET TYPES C, D, E, AND H	INDEX	SHEET
11/01/20					425-052	2 of 14



LAST REVISION	DESCRIPTION:	FDOT	FY 2023-24 STANDARD PLANS	CURB AND GUTTER	INDEX	SHEET
11/01/21					520-001	2 of 3



LAST REVISION	DESCRIPTION:	FDOT	FY 2023-24 STANDARD PLANS	DITCH BOTTOM INLET TYPES C, D, E, AND H	INDEX	SHEET
11/01/20					425-052	7 of 14



LAST REVISION	DESCRIPTION:	FDOT	FY 2023-24 STANDARD PLANS	CURB AND GUTTER	INDEX	SHEET
11/01/21					520-001	3 of 3

CLIENT:
ALT PENSACOLA INC.
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 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN RD., LAKELAND, FL 33853
 EB #004857 Phone: (863) 913-9130

NO. DATE REVISION DESCRIPTION
 This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date 11/01/20. Printed copies of this document are not considered signed and sealed. Any electronic copies must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
 FL. REG #73113
6,625 SQ. FT. BUILDING

NEW CONVENIENCE STORE
7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM JOB # 18012
 DATE: 11-06-2020
 DESIGNED BY:
 DRAWN BY: SLO/DBB FILE NAME: 18012 CD 18012
 CHECKED BY: 18012 CD 18012
 DRAWING TITLE: **FDOT DRAINAGE & CURB DETAILS**
 SHEET NO. **C6.0**



FOR INFORMATIONAL PURPOSES. REFER TO THE INDICES FOR ALL THE ADDITIONAL DETAILS AND NOTES

ISSUED FOR BID 03/08/2024

COMMONLY USED WARNING AND REGULATORY SIGNS IN WORK ZONES

NOTES:

- The size of diamond shaped Temporary Traffic Control (TTC) warning signs shall be a minimum of 48" x 48".
- Fluorescent orange shall be used for all orange colored work zone signs.
- The sign shields, symbols and messages contained on this sheet are provided for ready reference to those signs used in the development of traffic control plans. For additional signs and sign detail information refer to the STANDARD HIGHWAY SIGNS MANUAL as specified in the MUTCD. Special signs for traffic control plans will be as approved by the State Traffic Plans Engineer.

The sign codes shown on this sheet are for the purpose of identifying cell names found in the Traffic Control Cell Library (TCCeL).

The STANDARD HIGHWAY SIGNS MANUAL should be referenced for the official sign codes for use in the development of traffic control plans.

See Index 700-102 for MOT sign details.

COLOR CODES:
Legend and/or Symbol Background
R-Red (Reflectorized)
Y-Yellow (Reflectorized)
G-Green (Reflectorized)
O-Orange (Reflectorized)
B-Black (Non-Reflectorized)
W-White (Reflectorized)

LAST REVISION	DESCRIPTION	FY 2023-24	GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES	INDEX	SHEET
11/01/20		STANDARD PLANS		102-600	6 of 11

NOTES:

- Cover or deactivate pedestrian traffic signal display(s) controlling closed crosswalks.
- Place pedestrian LCDs across the full width of the closed sidewalk.
- For post mounted signs located near or adjacent to a sidewalk, maintain a minimum 7' clearance from the bottom of the sign panel to the surface of the sidewalk.
- "Sidewalk Closed" signs (R9-XX) may be mounted on pedestrian LCDs in accordance with the manufacturer's instructions.
- Omit the Advance Closure LCD if it blocks access to other pedestrian facilities (e.g., transit stops, residences, or business entrances).

SYMBOLS:
Work Area
Work Zone Sign
Pedestrian Longitudinal Channelizing Device (LCD)
Lane Identification and Direction of Traffic

PEDESTRIAN DETOUR

LAST REVISION	DESCRIPTION	FY 2023-24	GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES	INDEX	SHEET
11/01/20		STANDARD PLANS	SIDEWALK CLOSURE	102-660	1 of 2

DROP-OFF CONDITION NOTES

- These conditions and treatments can be applied only in work areas that fall within a properly signed work zone.
- When drop-offs occur within the clear zone due to construction or maintenance activities, protection devices are required (See Table 8). A drop-off is defined as a drop in elevation, parallel to the adjacent travel lanes, greater than 3" with slope (A/B) steeper than 1:4. In super-elevated sections, the algebraic difference in slopes should not exceed 0.25 (See Drop-off Condition Detail).
- Drop-offs may be mitigated by placement of slopes with optional base material per Specifications Section 285. Slopes shallower than 1:4 may be required to avoid algebraic difference in slopes greater than 0.25. Include the cost for the placement and removal of the material in Maintenance of Traffic, LS. Use of this treatment in lieu of a temporary barrier is not eligible for CSIP consideration. Conduct daily inspections for deficiencies related to erosion, excessive slopes, rutting or other adverse conditions. Repair any deficiencies immediately.
- For Setback Distance, refer to the Index or Approved Products List (APL) drawing of the selected barrier.
- For Conditions 1 and 3 provided in Table 8, any drop-off condition that is created and restored within the same work period will not be subject to use of temporary barriers; however, channelizing devices will be required.
- When permanent curb heights are ≥ 6", no channelizing device will be required. For curb heights < 6", see Table 8.

DROP-OFF CONDITION DETAIL

TRAVEL LANE TREATMENT FOR MILLING OR RESURFACING

- This treatment applies to resurfacing or milling operations between adjacent travel lanes.
- Whenever there is a difference in elevation between adjacent travel lanes, the WB-11 sign with "UNEVEN LANES" is required at intervals of 1/2 mile maximum.
- If D is 1 1/2' or less, no treatment is required.
- Treatment allowed only when D is 3' or less.
- If the slope is steeper than 1:4 (not to be steeper than 1:1), the R-1 and MOT-1-06 signs shall be used as a supplement to the WB-11; this condition should never exceed 3 miles in length.

TRAVEL LANE TREATMENT FOR MILLING OR RESURFACING DETAIL

PEDESTRIAN WAY DROP-OFF CONDITION NOTES

- A pedestrian way drop-off is defined as:
 - a drop in elevation greater than 10" that is closer than 2' from the edge of the pedestrian way
 - a slope steeper than 1:2 that begins closer than 2' from the edge of the pedestrian way when the total drop-off is greater than 60"
- Protect any drop-off adjacent to a pedestrian way with pedestrian longitudinal channelizing devices, temporary barrier wall, or approved handrail.

DROP-OFFS IN WORK ZONES

Condition	X (ft)	D (in.)	Device Required
1	0-12	> 3	Temporary Barrier
2	> 12-CZ	> 3 to ≤ 5	Channelizing Device
3	0-CZ	> 5	Temporary Barrier
4	Removal of Bridge or Retaining Wall Barrier		Temporary Barrier
5	Removal of portions of Bridge Deck		Temporary Barrier

LAST REVISION	DESCRIPTION	FY 2023-24	GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES	INDEX	SHEET
11/01/20		STANDARD PLANS		102-600	8 of 11

TRAVEL LANE TREATMENT FOR MILLING OR RESURFACING DETAIL

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LAST REVISION	DESCRIPTION	FY 2023-24	GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES	INDEX	SHEET
11/01/20		STANDARD PLANS		102-600	8 of 11

CHANNELIZING DEVICES

CHANNELIZING DEVICE NOTES:

- The details shown on this sheet are for the following purposes:
 - For ease of identification and
 - To provide information that supplements or supersedes that provided by the MUTCD.
- The Type III Barricade shall have a unit length of 6'-0" only. When barricades of greater lengths are required those lengths shall be in multiples of the 6'-0" unit.
- No sign panel should be mounted on any channelizing device unless the channelizing device/sign combination was found to be crashworthy and the sign panel is mounted in accordance with the vendor drawing for the channelizing device shown on the Approved Products List (APL).
- Ballast shall not be placed on top rails or any striped rails or higher than 13" above the driving surface.
- The direction indicator barricade may be used in tapers and transitions where specific directional guidance to drivers is necessary. If used, direction indicator barricades shall be used in series to direct the driver through the transition and into the intended travel lane.
- The splicing of sheeting is not permitted on channelizing devices or MOT signs.
- For rails less than 3'-0" long, 4" stripes shall be used.
- Cones shall:
 - Be used only in active work zones where workers are present.
 - Be reflectorized as per the MUTCD with Department-approved reflective collars when used at night.
- For pedestrian longitudinal channelizing devices, the device shall have a minimum of 8" continuous detectable edging above the walkway. A gap not exceeding a height of 2" is allowed to facilitate drainage. The top surface of the device shall be a minimum height of 32" and have a 1/8" or less difference in any plane at all connection points between the devices to facilitate hand trailing. The bottom and the top surface of the device shall be in the same vertical planes. If pedestrian drop-off protection is required, the device shall have a footprint or offset of at least 2', otherwise the device must be at least 42" in height above the walkway and be anchored or ballasted to withstand a 200 lb lateral point load at the top of the device.

TEMPORARY BARRIER NOTES:

- Where a barrier is specified, any of the types below may be used in accordance with the applicable Index:

Index	Description
102-100	Temporary Barrier
102-120	Low Profile Barrier
536-001	Guardrail
- Trailer Mounted Barriers may be used to provide positive protection for workers within the work areas. APL drawings may be used as a guide to develop project specific Temporary Traffic Control Plans that are signed and sealed by the Contractor's Engineer.

PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES

LAST REVISION	DESCRIPTION	FY 2023-24	GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES	INDEX	SHEET
11/01/20		STANDARD PLANS		102-600	10 of 11

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD. LAKELAND, FL 33853
EB #004857 Phone: (863) 399-9130

NO.	DATE	REVISION	DESCRIPTION
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This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date 11/06/2020. Printed copies of this document are not considered signed and sealed and their nature must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
FL. REG #73113

6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVE HWY.
PENSACOLA, FL 32511

SCALE: AS NOTED	MDM JOB # 18012
DATE: 11-06-2020	
DESIGNED BY:	
DRAWN BY: SLO/DBB	FILE NAME: 18012_CADD.rvt
CHECKED BY:	

DRAWING TITLE:
FDOT M.O.T. DETAILS

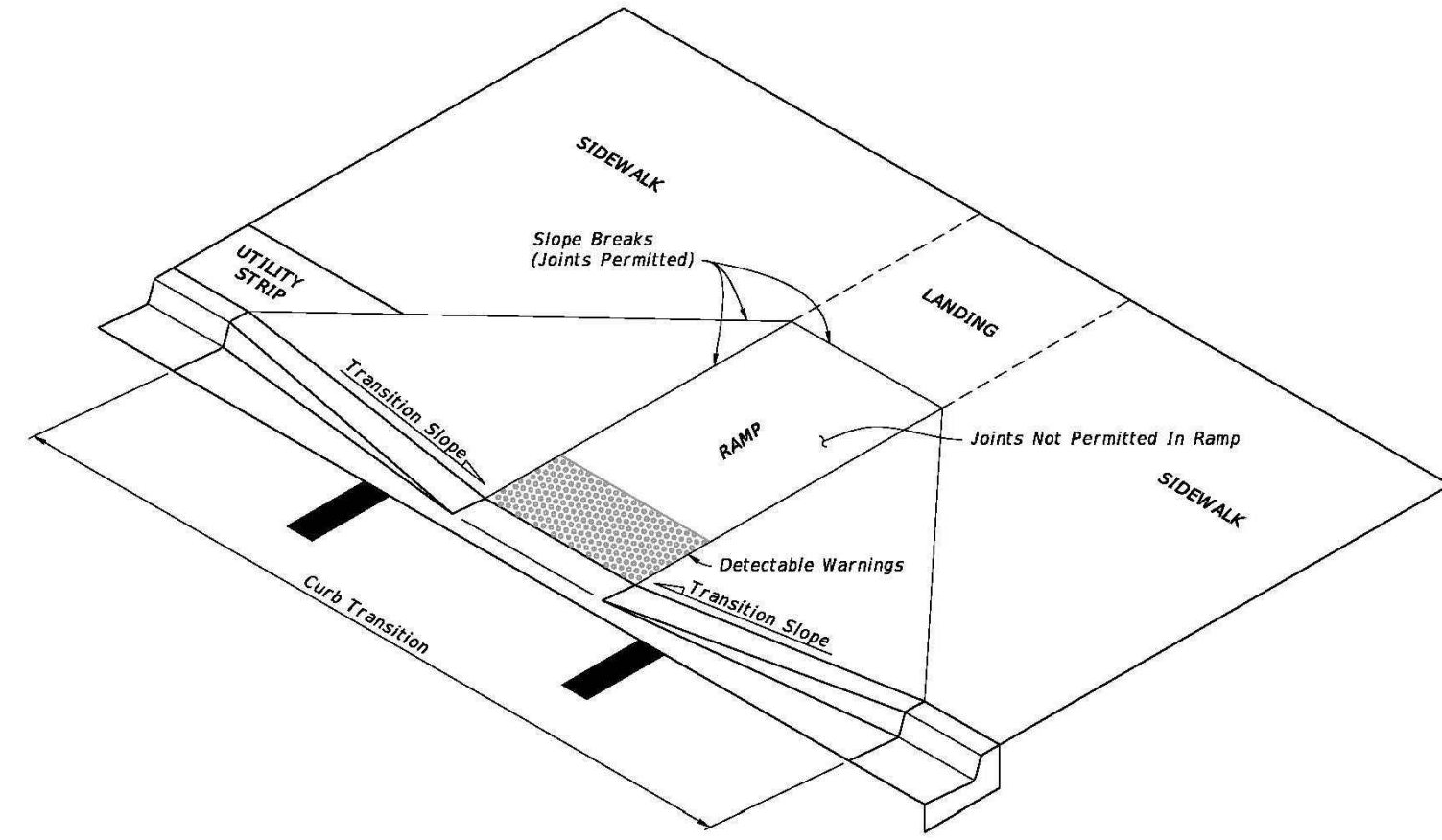
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811 Know what's below. Call before you dig.

FOR INFORMATIONAL PURPOSES. REFER TO THE INDICES FOR ALL THE ADDITIONAL DETAILS AND NOTES

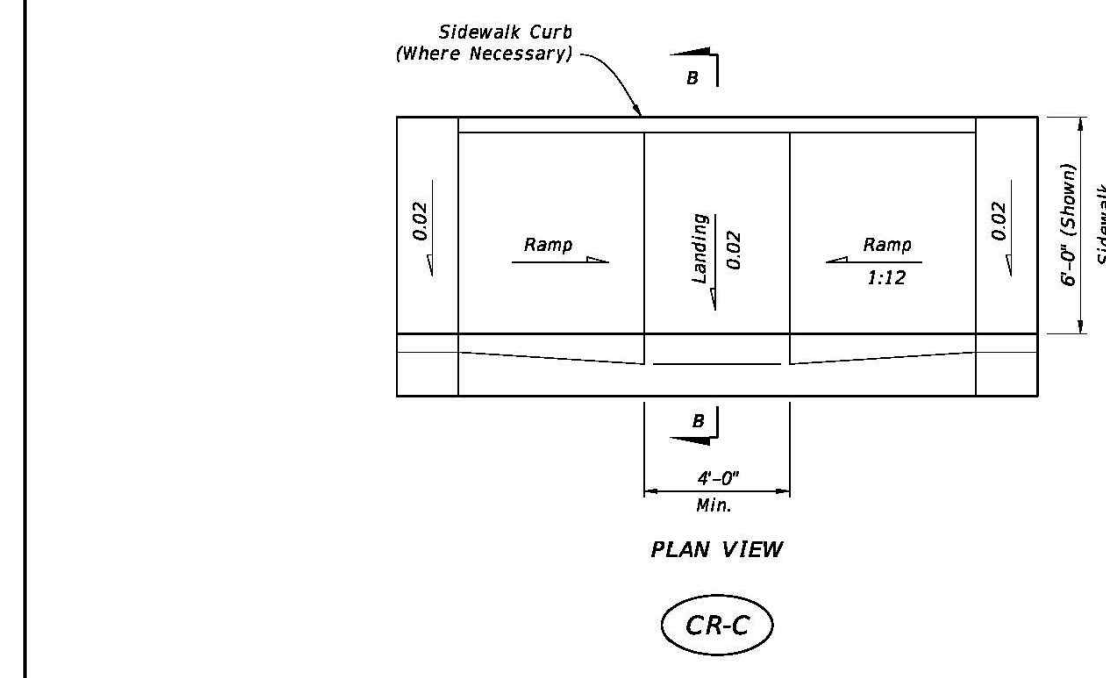
ISSUED FOR BID 03/08/2024

- GENERAL NOTES:**
- Cross Slopes and Grades:**
 - Sidewalk, ramp, and landing slopes (i.e. 0.02, 0.05, and 1:12) shown in this Index are maximums. With approval of the Engineer, provide the minimum feasible slope where the requirements cannot be met.
 - Landings must have cross-slopes less than or equal to 0.02 in any direction.
 - Maintain a single longitudinal slope along each side of the curb ramp. Ramp slopes are not required to exceed 15 feet in length.
 - Joints permitted at the location of Slope Breaks. Otherwise locate joints in accordance with Index 522-001. No joints are permitted within the ramp portion of the Curb Ramp.
 - Curb, Curb and Gutter and/or Sidewalk:**
 - Refer to Index 522-001 for concrete thickness and sidewalk details.
 - Remove any existing curb, curb and gutter, or sidewalk to the nearest joint beyond the curb transition or to the extent that no remaining section is less than 5 feet long.
 - Width of Curb Ramp is 4'-0" minimum. Match sidewalk or Shared Use Path width as shown in the Plans.
 - Curb Ramp Alpha-Identification:**
 - Sidewalk curb ramp alpha-identifications (e.g. CR-A) are provided for reference purposes in the Plans.
 - Alpha-identifications CR-I and CR-J are intentionally omitted.
 - Detectable Warnings:**
 - Install detectable warnings in accordance with Specification 527.
 - Place detectable warnings across the full width of the ramp or landing, to a minimum depth of 2 feet measured perpendicular to the curb line and no greater than 5 feet from the back of the curb or edge of pavement.
 - If detectable warnings are shown in the Plans on slopes greater than 5%, align the truncated domes with the centerline of the ramp; otherwise, the truncated domes are not required to be aligned.



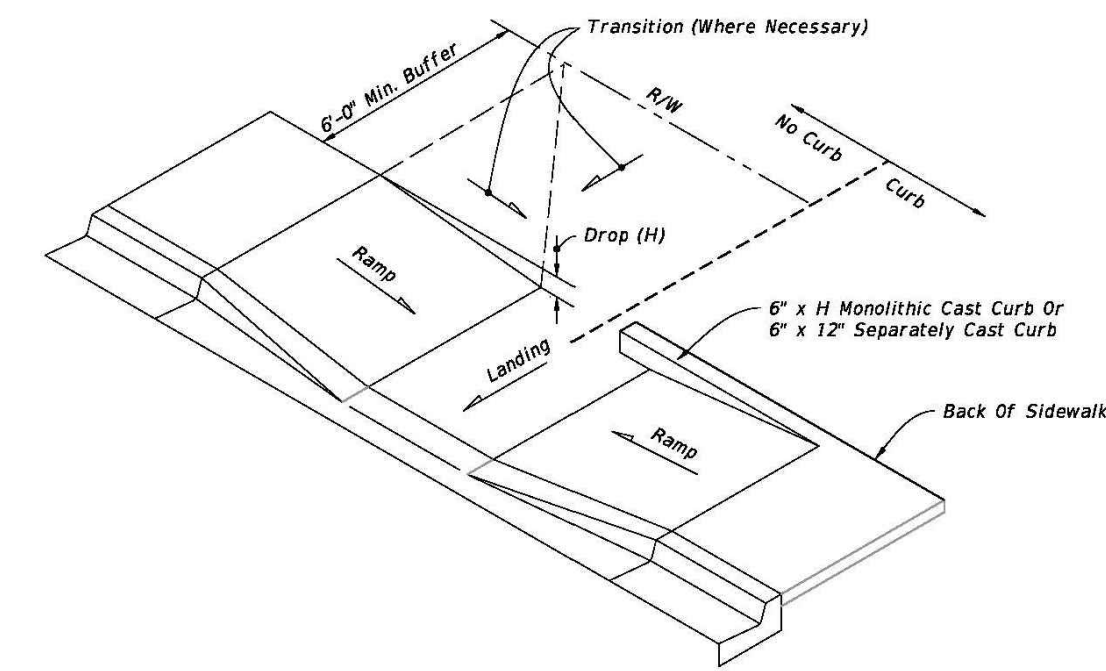
CURB RAMP NOMENCLATURE

LAST REVISION 11/01/21	DESCRIPTION:	FDOT FY 2023-24 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 1 of 7
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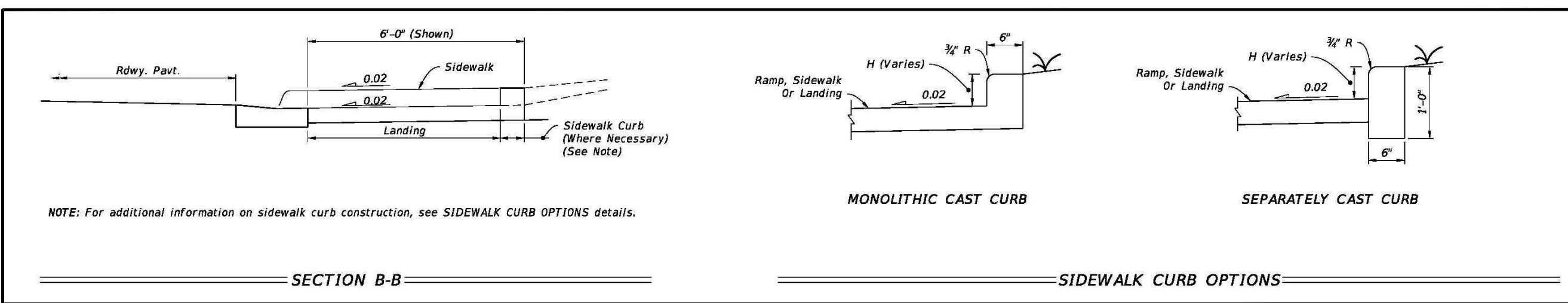


PLAN VIEW

CR-C



CONSTRUCTION OF SIDEWALK CURB IN CUT SECTIONS

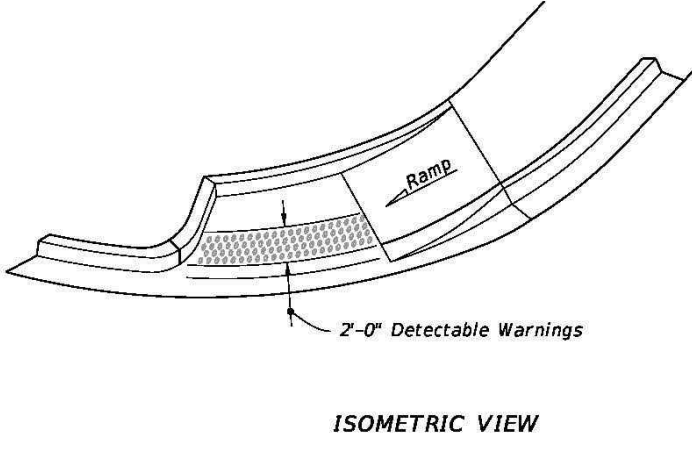


SECTION B-B

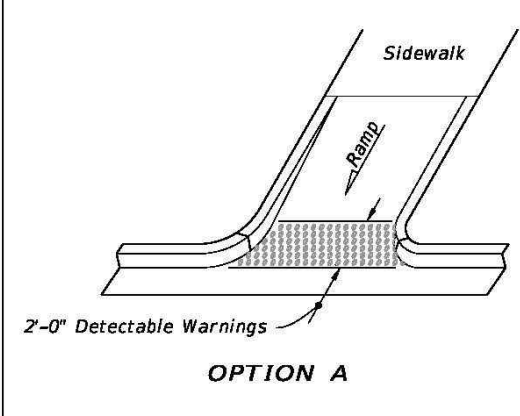
SIDEWALK CURB OPTIONS

SIDEWALK CURB RAMPS CR-C AND SIDEWALK CURB

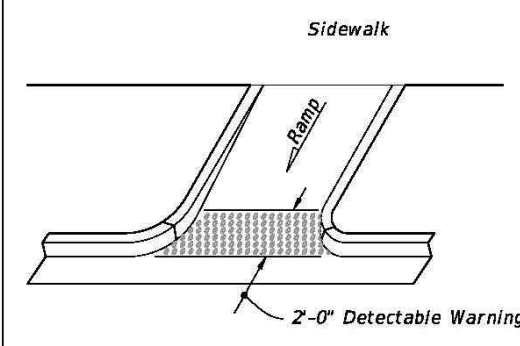
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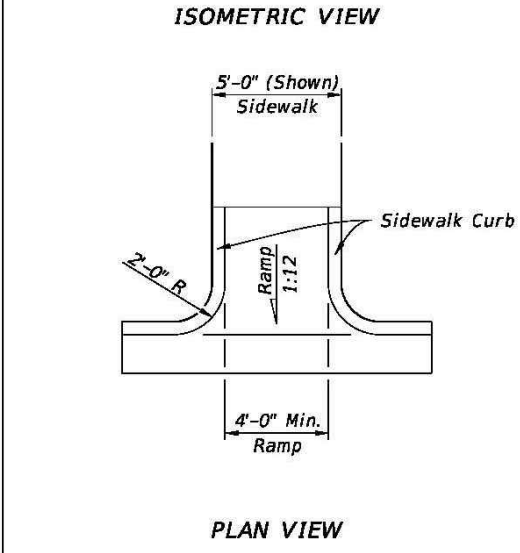
ISOMETRIC VIEW



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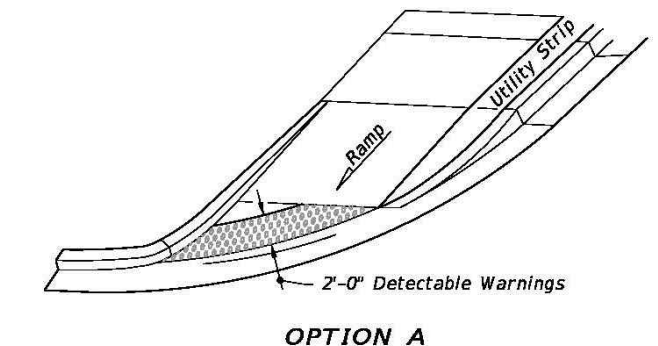


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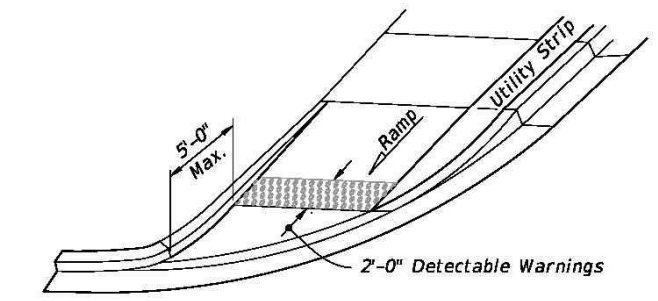


PLAN VIEW

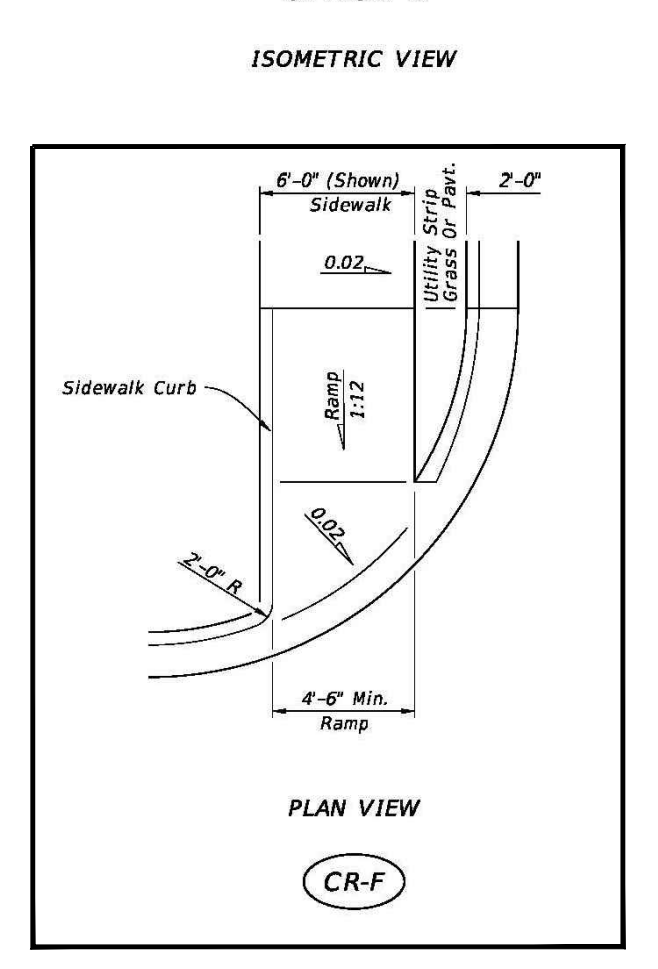
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OPTION A



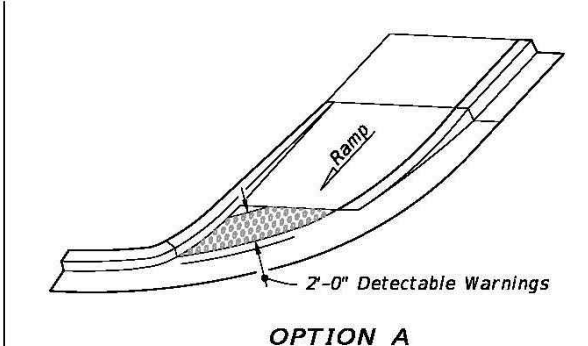
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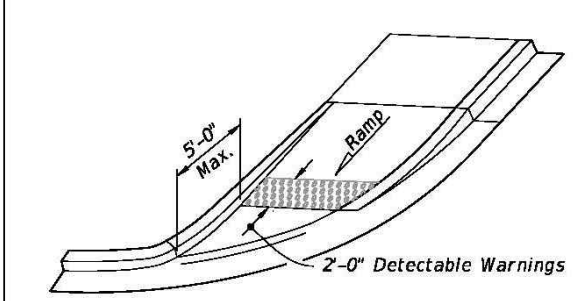
ISOMETRIC VIEW

PLAN VIEW

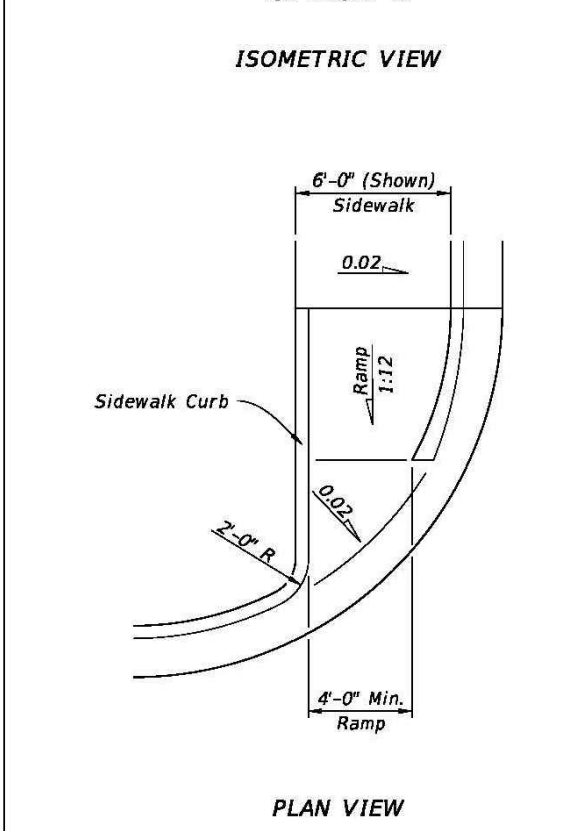
CR-F



OPTION A



OPTION B



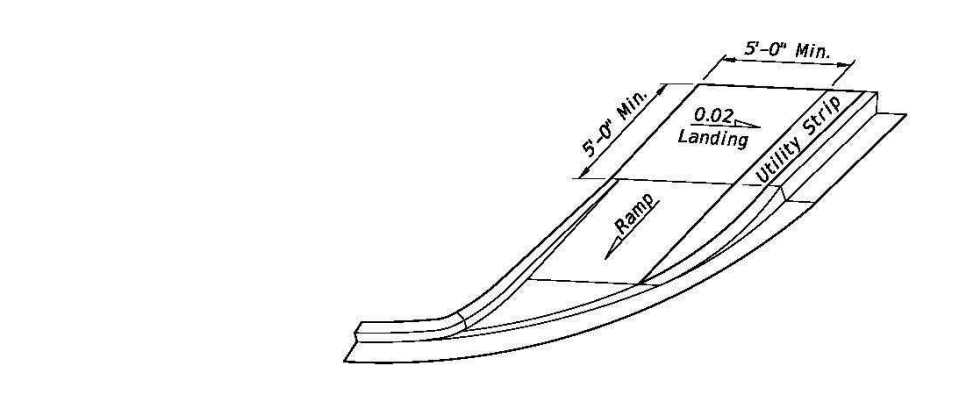
ISOMETRIC VIEW

PLAN VIEW

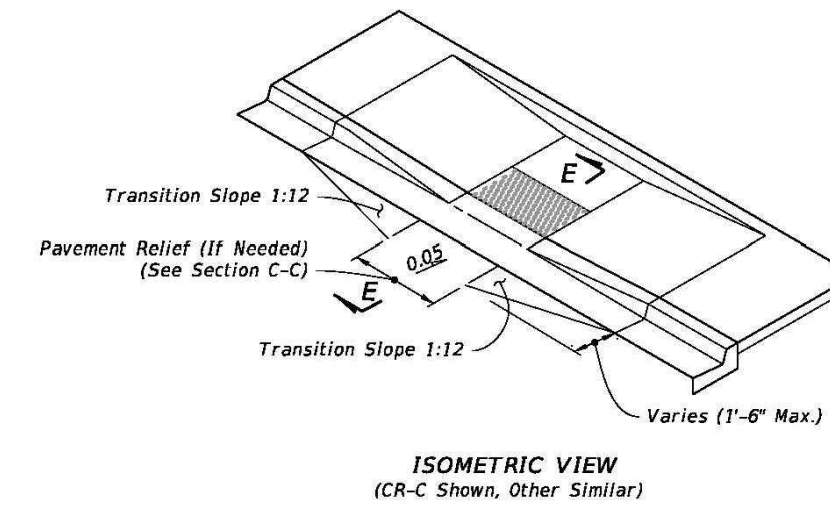
CR-G

SIDEWALK CURB RAMPS CR-D, CR-E, CR-F & CR-G

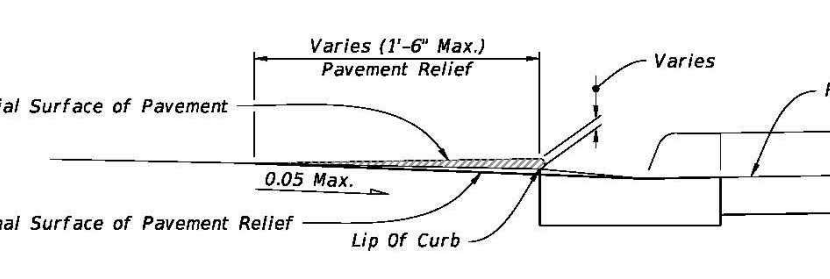
LAST REVISION 11/01/21	DESCRIPTION:	FDOT FY 2023-24 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 4 of 7
---------------------------	--------------	--------------------------------------	---------------------------------------------	------------------	-----------------



LANDINGS FOR CURB RAMPS WITHOUT SIDEWALKS
(See CR-F, CR-G & CR-K Respectively For Detectable Warning Details/Options)



ISOMETRIC VIEW
(CR-C Shown, Other Similar)

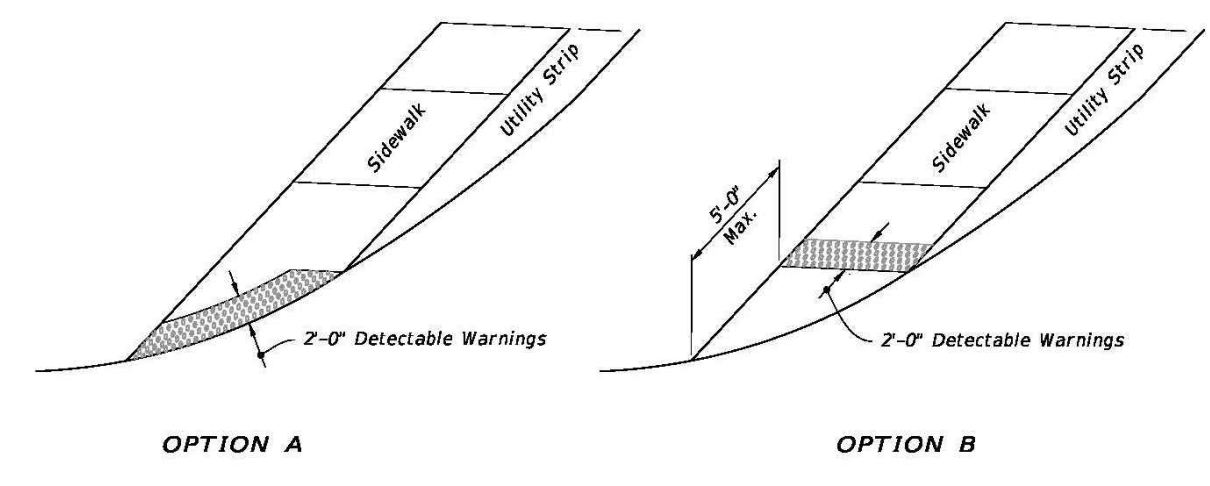


SECTION E-E

PAVEMENT RELIEF DETAILS

LAST REVISION 11/01/20	DESCRIPTION:	FDOT FY 2023-24 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 6 of 7
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CURB RAMPS WITHOUT SIDEWALKS AND FLUSH SHOULDER SIDEWALKS



OPTION A

OPTION B

DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 34052
EB #004857 Phone: (863) 919-9130

NO. DATE REVISION DESCRIPTION
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DAIMIAN D. LESLIE, P.E.
FL. REG #73113
6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED	MDM JOB # 18012
DATE: 11-06-2020	
DESIGNED BY:	
DRAWN BY: SLO/DBB	FILE NAME: 18012_CD.DWG
CHECKED BY:	

DRAWING TITLE:
FDOT SIDEWALK CURB RAMP DETAILS

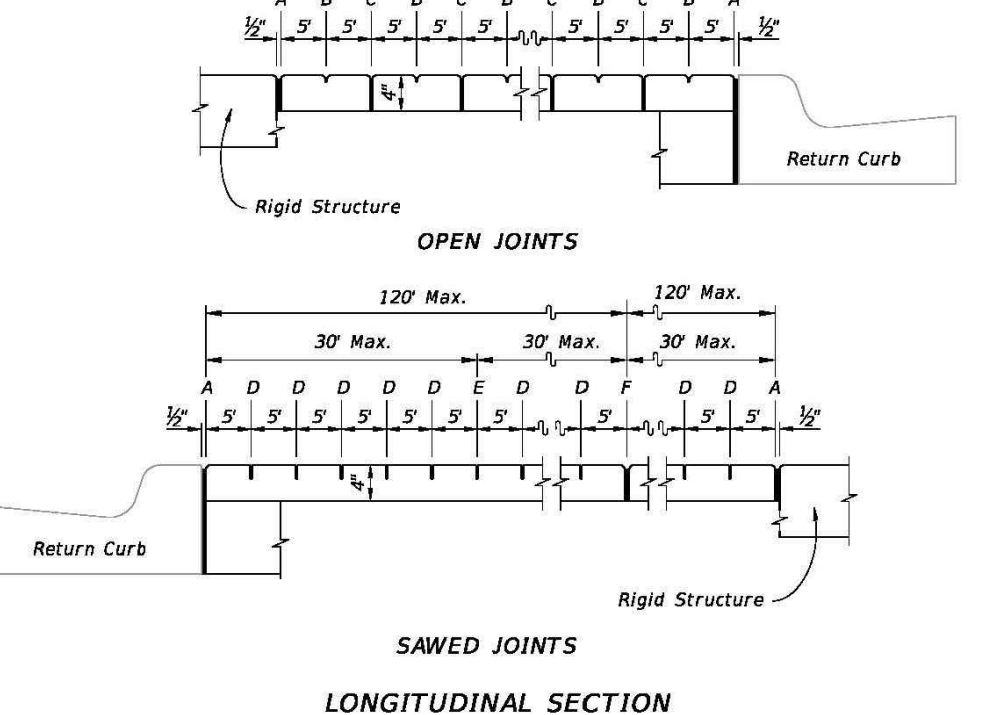
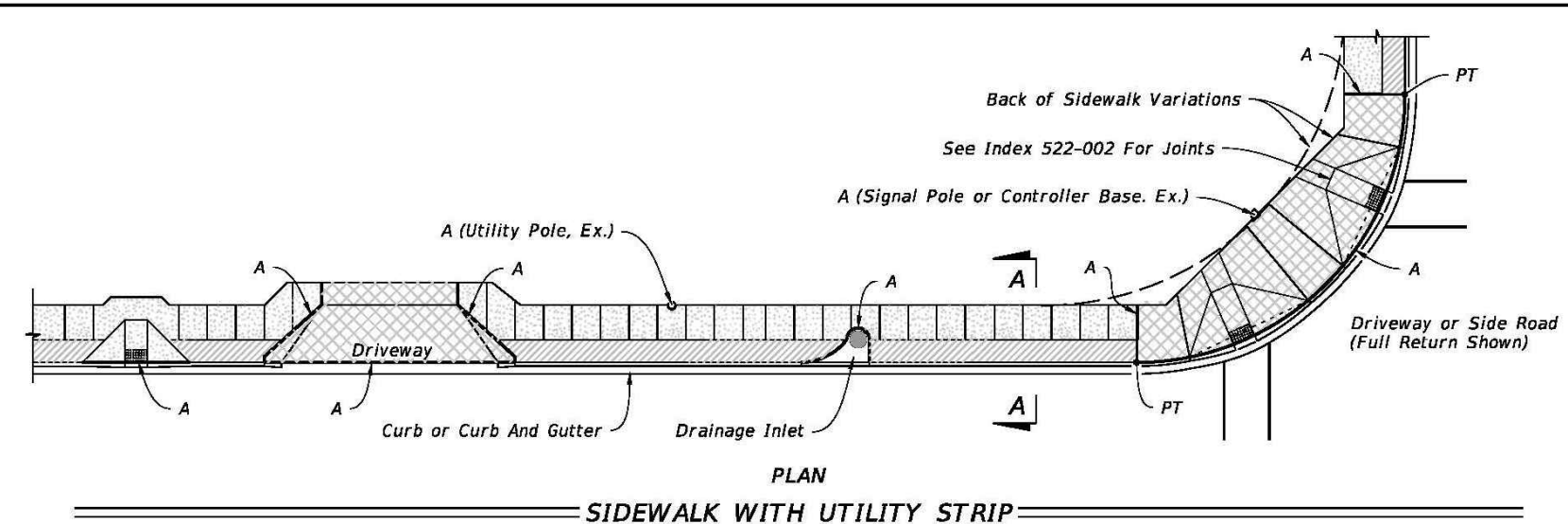
SHEET NO.:
C6.2



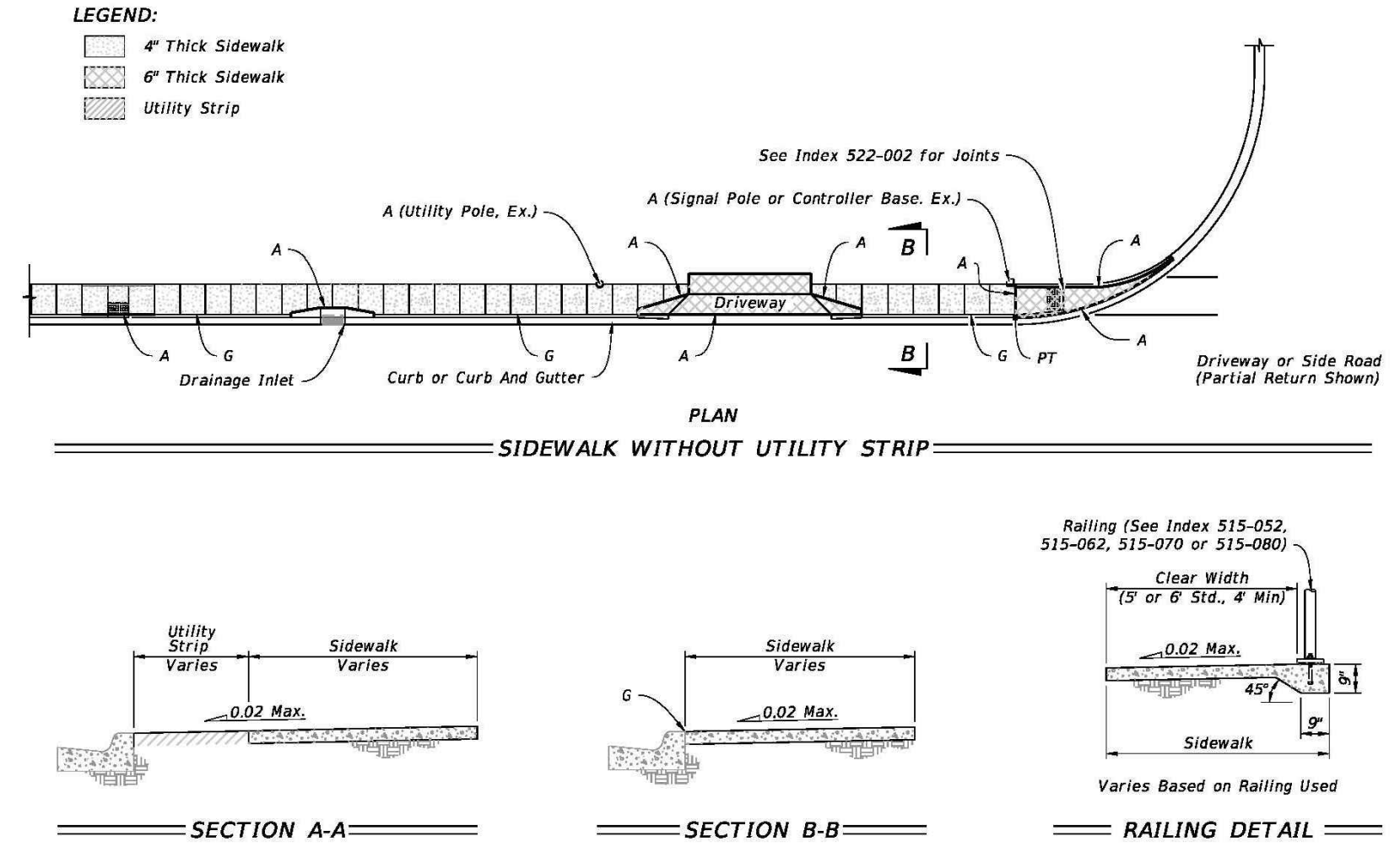
FOR INFORMATIONAL PURPOSES. REFER TO THE INDICES FOR ALL THE ADDITIONAL DETAILS AND NOTES

ISSUED FOR BID 03/08/2024

- GENERAL NOTES:**
- Construct sidewalks in accordance with Specification 522. Use 6" concrete for Sidewalks and Curb Ramps Located within Curb Returns (See Plan View). Install all other concrete with thickness as shown, unless otherwise detailed in the Plans.
 - Include detectable warnings on sidewalk curb ramps in accordance with Index 522-002.
 - For Driveways see Index 522-003.
 - Bond breaker material can be any impermeable coated or sheet membrane or preformed material having a thickness of not less than 6 mils and not more than 1/2".
 - Construct sidewalks with Edge Beam through the limits of any surface mounted Pedestrian/Bicycle Railing or Pipe Gutteral shown in the plans. (See RAILING DETAIL)

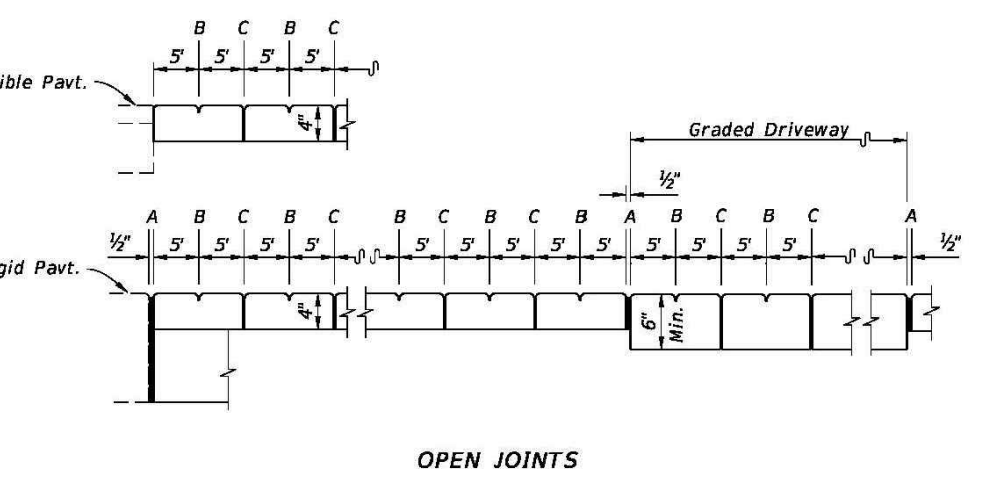


- LEGEND:**
- A- 1/2" Expansion Joints (Preformed Joint Filler) between the sidewalk and driveways, sidewalk-intersections, and all other fixed objects (e.g. drainage inlets and utility poles).
 - B- 1/2" Dummy Joints, Tooled
 - C- 1/2" Formed Open Joints
 - D- 3/8" Saw Cut Joints, 1 1/2" Deep (within 96 hours) Max. 3' Centers
 - E- 3/8" Saw Cut Joints, 1 1/2" Deep (within 12 hours) Max. 30' Centers (Joints) Required When Length Exceeds 30'
 - F- 1/2" Expansion Joint When Run Of Sidewalk Exceeds 120'. Intermediate locations when called for in the plans or at locations as directed by the Engineer.
 - G- Cold Joint With Bond Breaker, Tooled

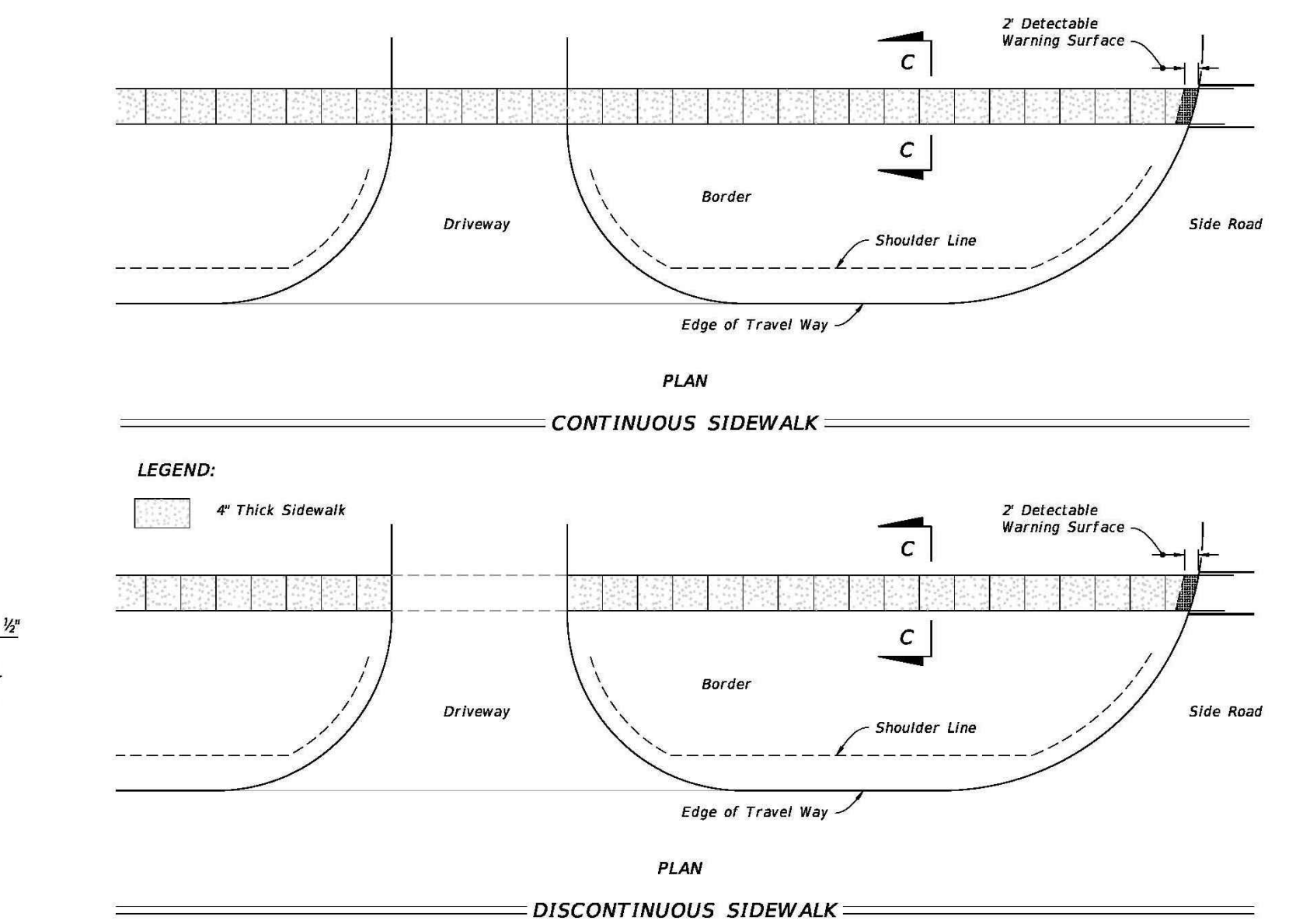


GENERAL NOTES AND CONCRETE SIDEWALK ON CURBED ROADWAYS

LAST REVISION 11/01/18	DESCRIPTION:	FDOT	FY 2023-24 STANDARD PLANS	CONCRETE SIDEWALK	INDEX 522-001	SHEET 1 of 2
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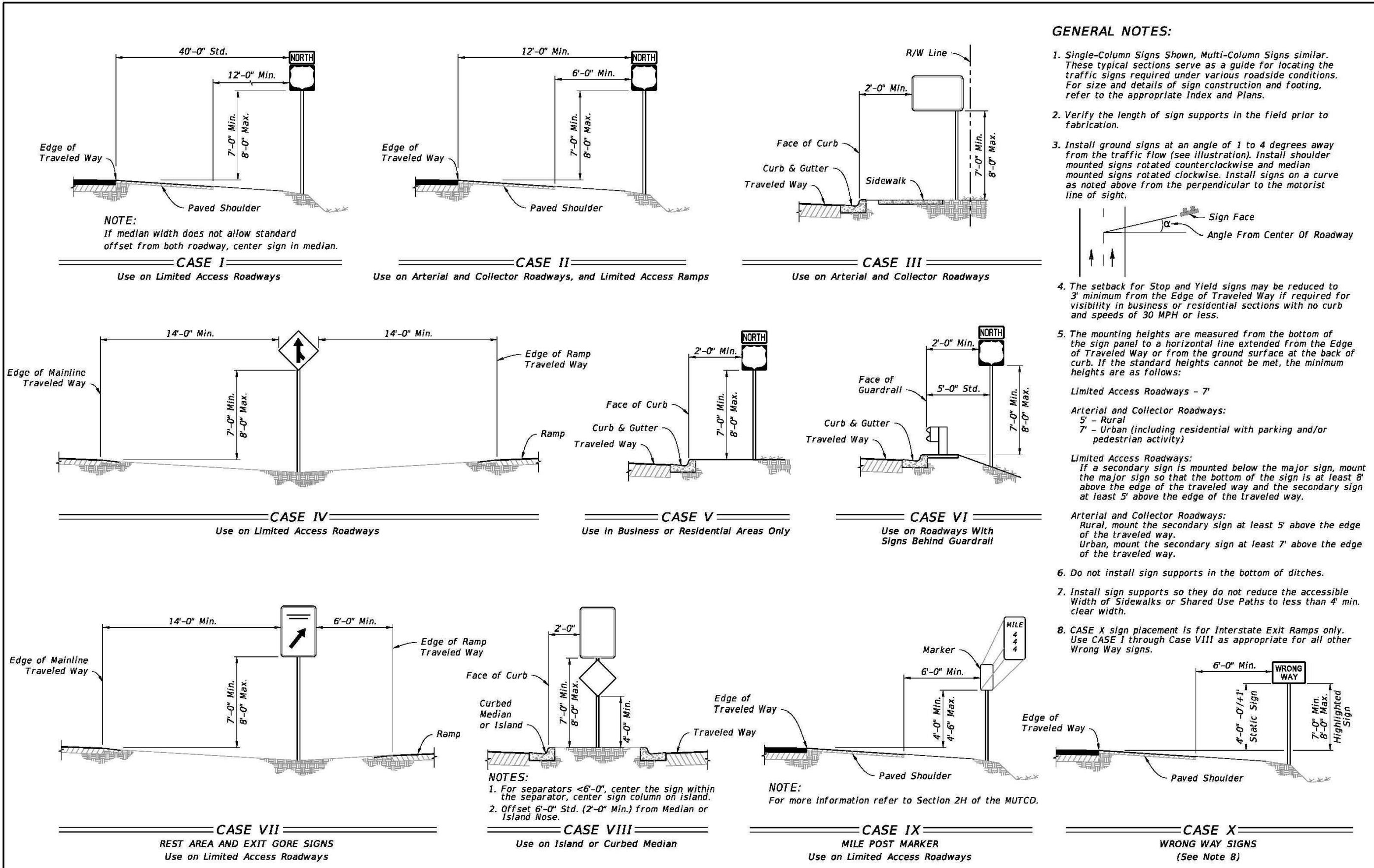


- LEGEND:**
- A- 1/2" Expansion Joints (Preformed Joint Filler) between the sidewalk and driveways, sidewalk-intersections, and all other fixed objects (e.g. drainage inlets and utility poles).
 - B- 1/2" Dummy Joints, Tooled
 - C- 1/2" Formed Open Joints
 - D- 3/8" Saw Cut Joints, 1 1/2" Deep (within 96 hours) Max. 3' Centers
 - E- 3/8" Saw Cut Joints, 1 1/2" Deep (within 12 hours) Max. 30' Centers (Joints) Required When Length Exceeds 30'
 - F- 1/2" Expansion Joint When Run Of Sidewalk Exceeds 120'. Intermediate locations when called for in the plans or at locations as directed by the Engineer.



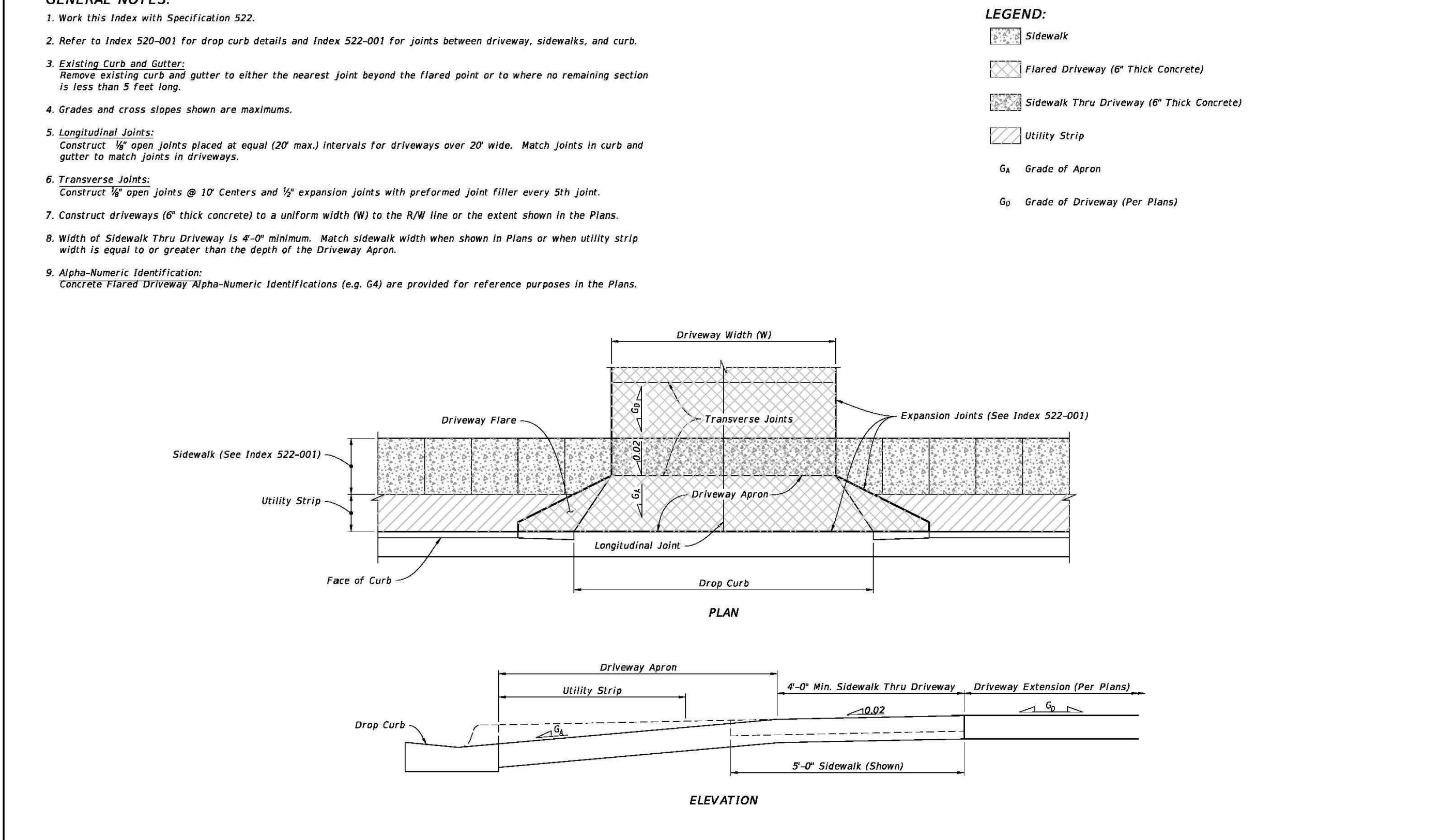
CONCRETE SIDEWALK ON FLUSH SHOULDER ROADWAYS

LAST REVISION 11/01/18	DESCRIPTION:	FDOT	FY 2023-24 STANDARD PLANS	CONCRETE SIDEWALK	INDEX 522-001	SHEET 2 of 2
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- GENERAL NOTES:**
- Single-Column Signs Shown, Multi-Column Signs similar. These typical sections serve as a guide for locating the traffic signs required under various roadside conditions. For size and details of sign construction and footing, refer to the appropriate Index and Plans.
 - Verify the length of sign supports in the field prior to fabrication.
 - Install ground signs at an angle of 1 to 4 degrees away from the traffic flow (see illustration). Install signs on a curve mounted signs rotated counterclockwise and median mounted signs rotated clockwise. Install signs on a curve as noted above from the perpendicular to the motorist line of sight.
 - The setback for Stop and Yield signs may be reduced to 3' minimum from the Edge of Traveled Way if required for visibility in business or residential sections with no curb and speeds of 30 MPH or less.
 - The mounting heights are measured from the bottom of the sign panel to a horizontal line extended from the Edge of Traveled Way or from the ground surface at the back of curb. If the standard heights cannot be met, the minimum heights are as follows:
 - Limited Access Roadways - 7'
 - Arterial and Collector Roadways:
 - 2' - Rural
 - 7' - Urban (including residential with parking and/or pedestrian activity)
 - Limited Access Roadways:
 - If a secondary sign is mounted below the major sign, mount the secondary sign so that the bottom of the sign is at least 6" above the edge of the traveled way and the secondary sign at least 5' above the edge of the traveled way.
 - Arterial and Collector Roadways:
 - Rural, mount the secondary sign at least 5' above the edge of the traveled way.
 - Urban, mount the secondary sign at least 7' above the edge of the traveled way.
 - Do not install sign supports in the bottom of ditches.
 - Install sign supports so they do not reduce the accessible width of Sidewalks or Shared Use Paths to less than 4' min. clear width.
 - CASE X sign placement is for Interstate Exit Ramps only. Use CASE I through Case VIII as appropriate for all other Wrong Way signs.

LAST REVISION 11/01/21	DESCRIPTION:	FDOT	FY 2023-24 STANDARD PLANS	TYPICAL SECTIONS FOR PLACEMENT OF SINGLE AND MULTI-COLUMN SIGNS	INDEX 700-101	SHEET 1 of 1
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CONCRETE FLARED DRIVEWAY NOMENCLATURE

LAST REVISION 11/01/18	DESCRIPTION:	FDOT	FY 2023-24 STANDARD PLANS	CONCRETE FLARED DRIVEWAYS	INDEX 522-003	SHEET 1 of 4
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CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN RD., LAKELAND, FL 33853
 EB #004857 Phone: (863) 913-9130

NO. DATE REVISION DESCRIPTION
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DAIMIAN D. LESLIE, P.E.
 FL. REG. #73113
6,625 SQ. FT. BUILDING

NEW CONVENIENCE STORE
7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED	MDM JOB # 18012
DATE: 11-06-2020	
DESIGNED BY:	
DRAWN BY: SLO/DBB	FILE NAME: 18012_CD.DWG
CHECKED BY:	

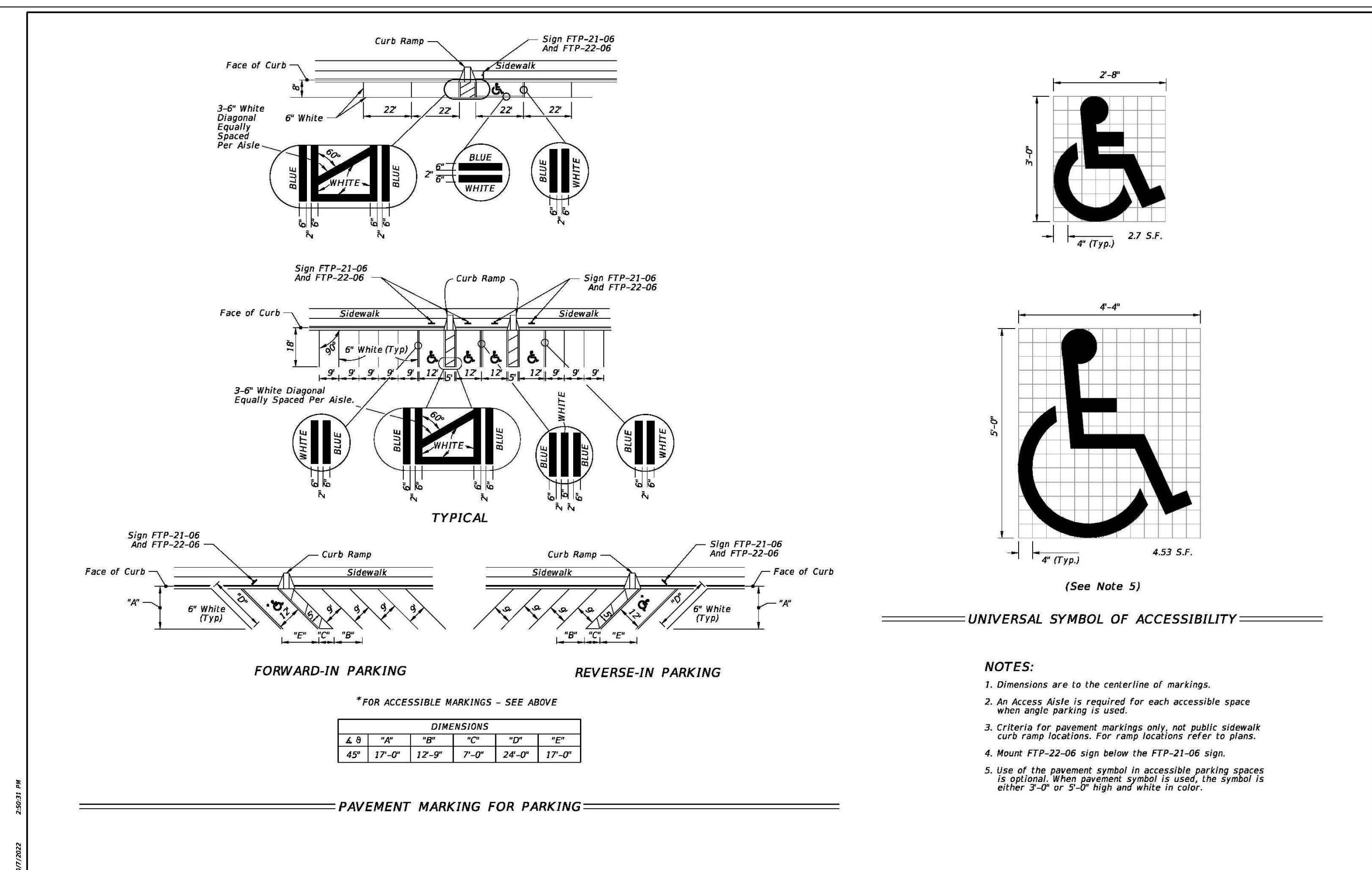
DRAWING TITLE:
FDOT SIDEWALK SIGN PLACEMENT DETAILS

SHEET NO:
C6.3

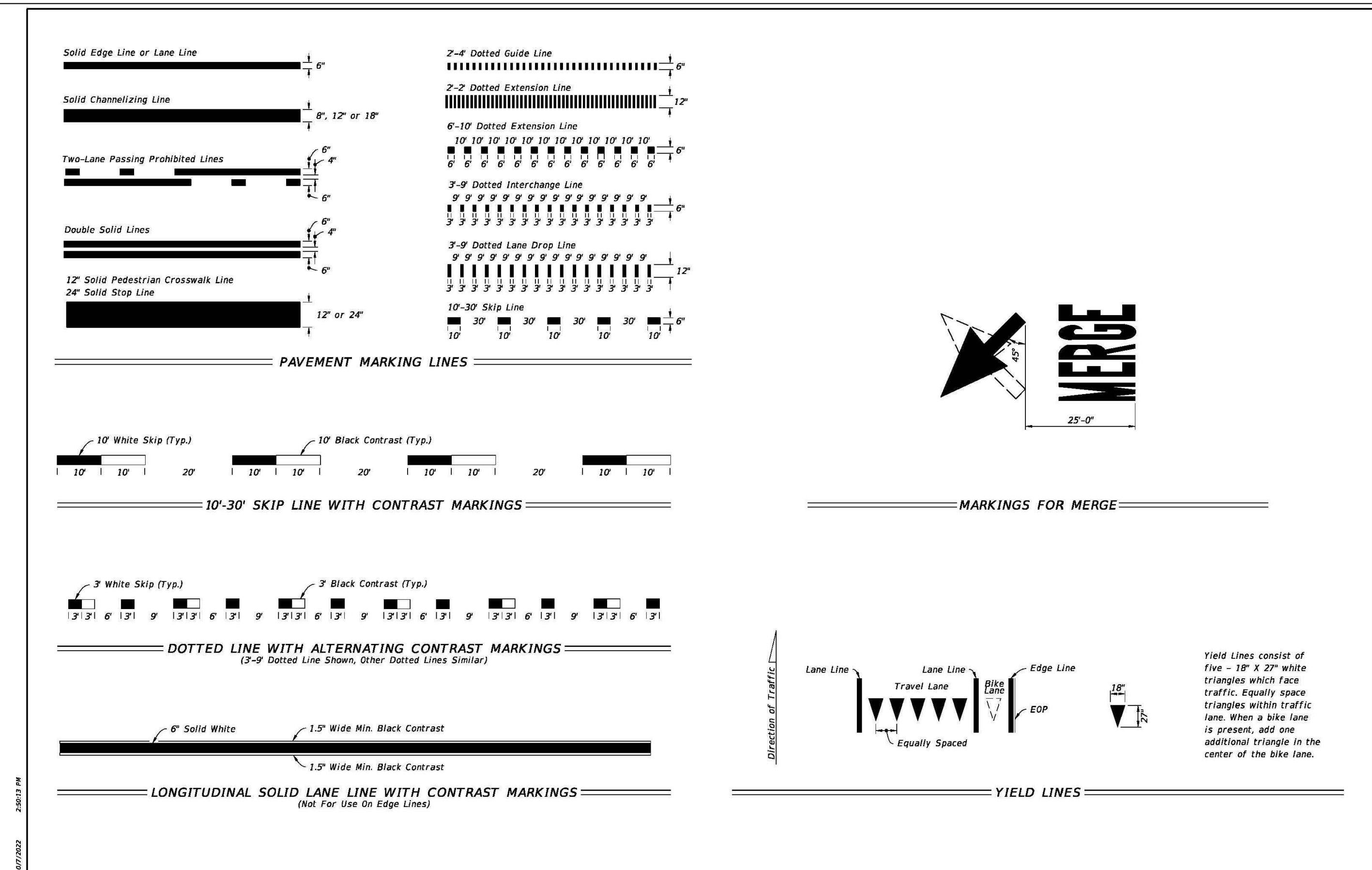


FOR INFORMATIONAL PURPOSES. REFER TO THE INDICES FOR ALL THE ADDITIONAL DETAILS AND NOTES

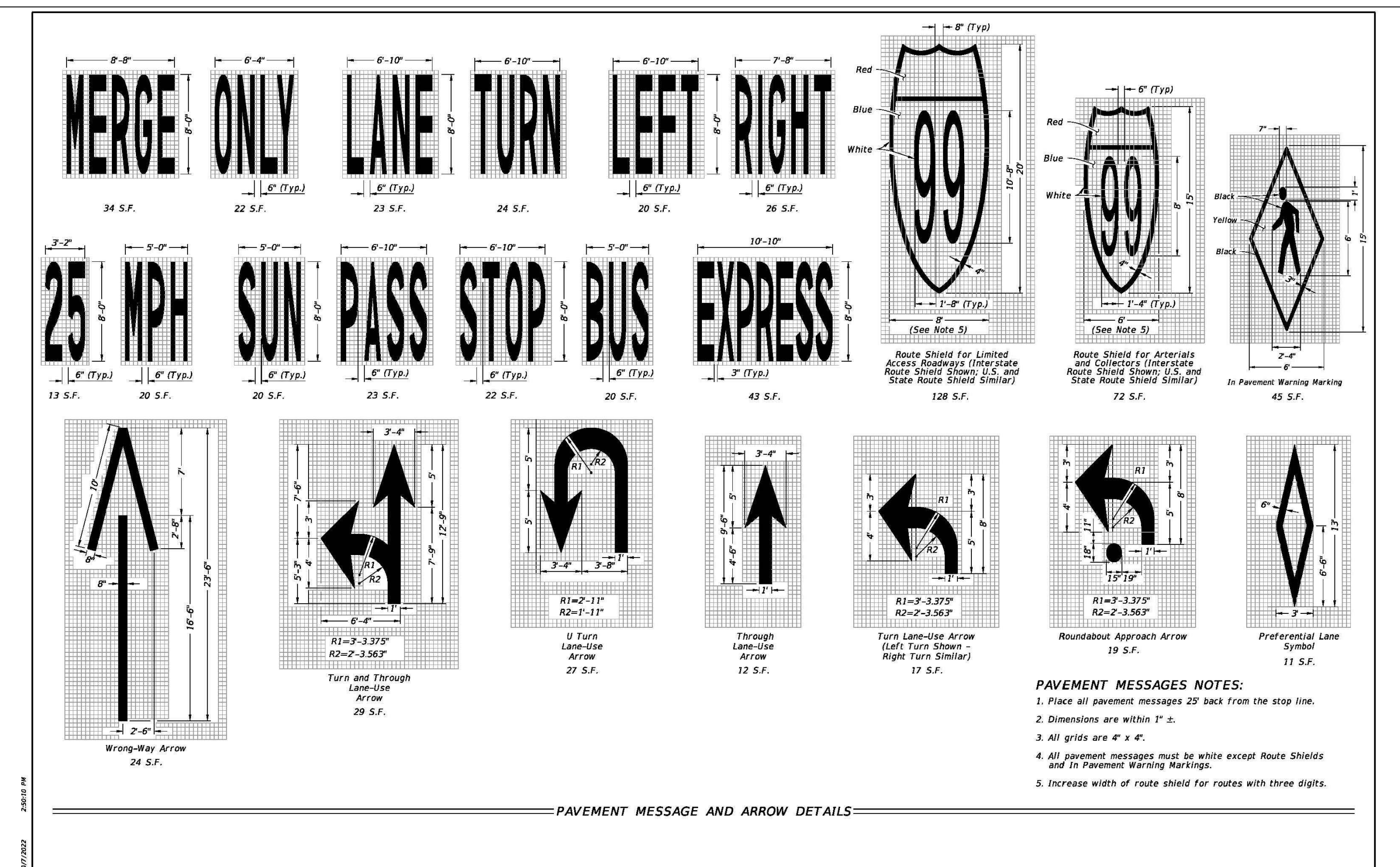
ISSUED FOR BID 03/08/2024



LAST REVISION	DESCRIPTION:	FY 2023-24	INDEX	SHEET
11/01/21		STANDARD PLANS	711-001	11 of 13



LAST REVISION	DESCRIPTION:	FY 2023-24	INDEX	SHEET
11/01/22		STANDARD PLANS	711-001	2 of 13



LAST REVISION	DESCRIPTION:	FY 2023-24	INDEX	SHEET
11/01/21		STANDARD PLANS	711-001	1 of 13

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN RD., LAKELAND, FL 33853
 EB #004857 Phone: (863) 913-9130

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DAIMIAN D. LESLIE, P.E.
 FL. REG #73113

6,625 SQ. FT. BUILDING

NEW CONVENIENCE STORE
7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA

SCALE:	AS NOTED	MDM JOB #	18012
DATE:	11-06-2020		
DESIGNED BY:			
DRAWN BY:	SLO/DBB	FILE NAME:	
CHECKED BY:		18012 CD	

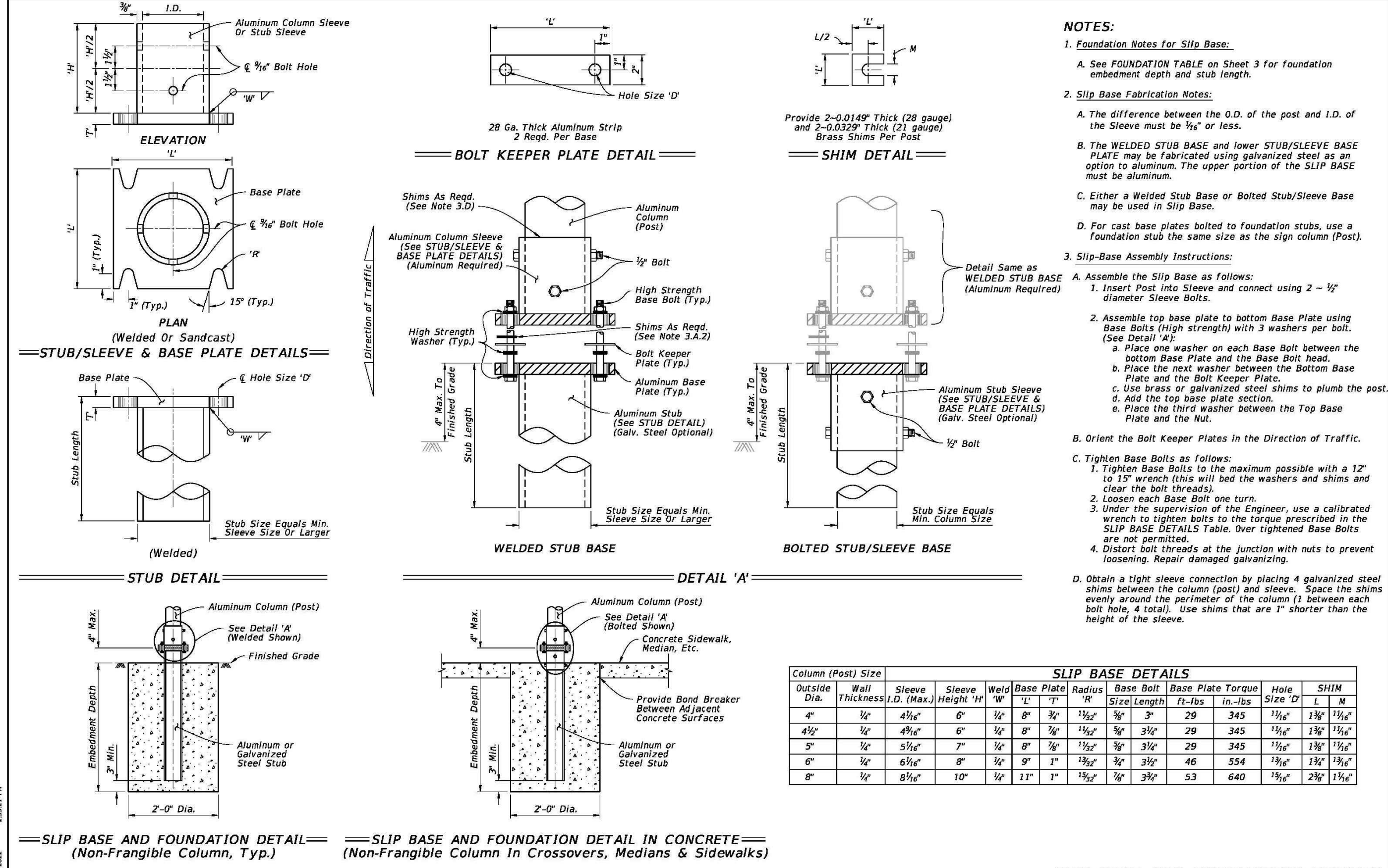
DRAWING TITLE:
FDOT PAVEMENT MARKING DETAILS
 SHEET NO.:
C6.4



Know what's below.
 Call before you dig.

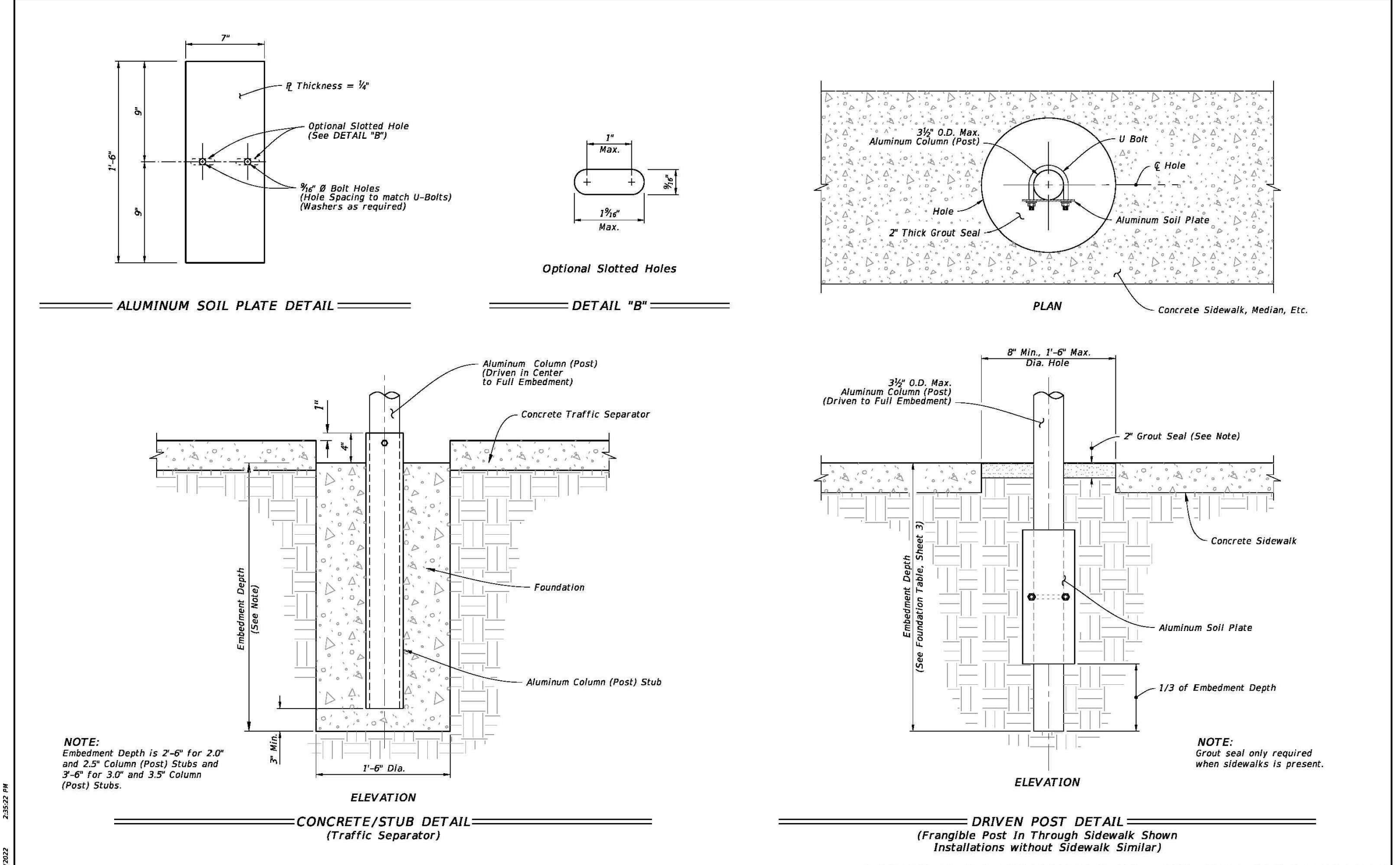
FOR INFORMATIONAL PURPOSES. REFER TO THE INDICES FOR ALL THE ADDITIONAL DETAILS AND NOTES

ISSUED FOR BID 03/08/2024

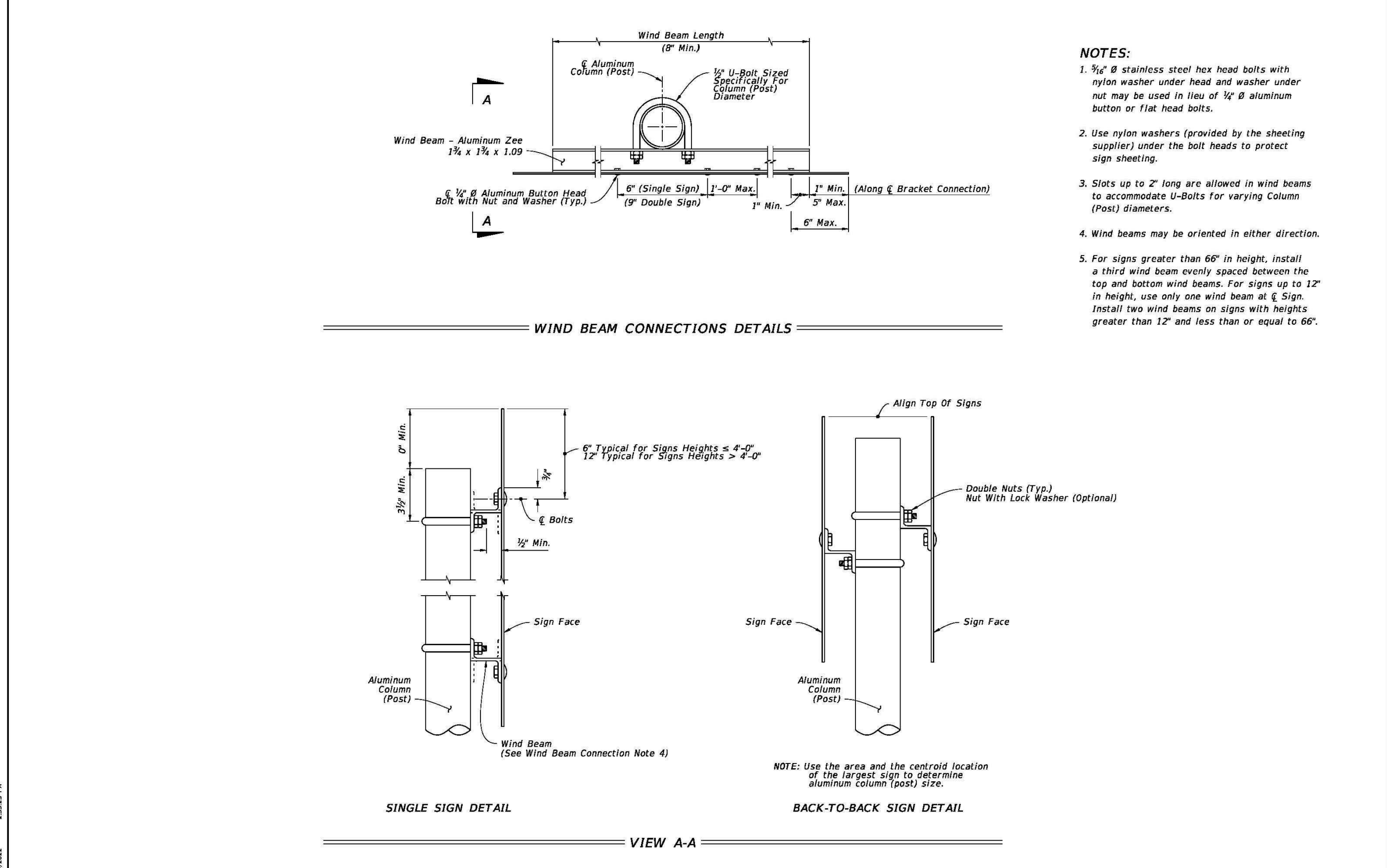


Column (Post) Size		SLIP BASE DETAILS										
Outside Dia.	Wall Thickness	Sleeve O.D. (Max.)	Sleeve Height "H"	Weld Base Plate Radius	Base Bolt Size Length	Base Plate Torque	Hole Size "D"	SHIM	SHIM	SHIM	SHIM	
4"	$\frac{1}{2}$ "	4 $\frac{1}{2}$ "	6"	$\frac{1}{4}$ "	8"	3/2"	1/2"	3"	29	345	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "
4 $\frac{1}{2}$ "	$\frac{1}{2}$ "	4 $\frac{3}{4}$ "	6"	$\frac{1}{4}$ "	8"	3/2"	1/2"	3"	29	345	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "
5"	$\frac{1}{2}$ "	5 $\frac{1}{4}$ "	7"	$\frac{1}{4}$ "	8"	3/2"	3/2"	3"	29	345	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "
6"	$\frac{1}{2}$ "	6 $\frac{1}{4}$ "	8"	$\frac{1}{4}$ "	9"	1"	1 $\frac{1}{2}$ "	3"	46	554	1 $\frac{3}{4}$ "	1 $\frac{3}{4}$ "
8"	$\frac{1}{2}$ "	8 $\frac{1}{4}$ "	10"	$\frac{1}{2}$ "	11"	1"	1 $\frac{1}{2}$ "	3"	53	640	2 $\frac{1}{4}$ "	1 $\frac{3}{4}$ "

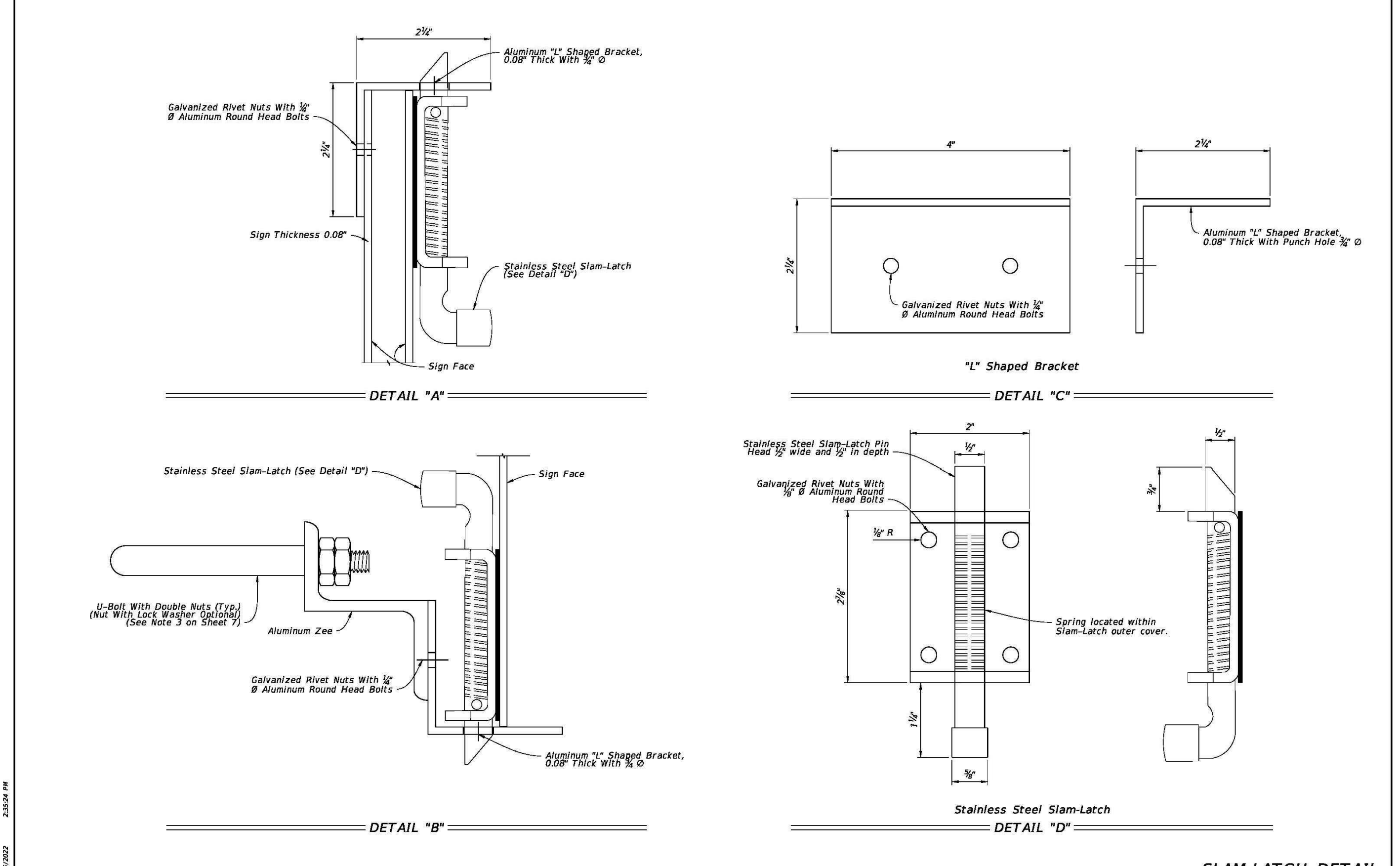
LAST REVISION 11/01/22	DESCRIPTION: FY 2023-24 STANDARD PLANS	INDEX 700-010	SHEET 4 of 11
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LAST REVISION 11/01/22	DESCRIPTION: FY 2023-24 STANDARD PLANS	INDEX 700-010	SHEET 5 of 11
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LAST REVISION 11/01/22	DESCRIPTION: FY 2023-24 STANDARD PLANS	INDEX 700-010	SHEET 6 of 11
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LAST REVISION 11/01/22	DESCRIPTION: FY 2023-24 STANDARD PLANS	INDEX 700-010	SHEET 8 of 11
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CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN RD. LAKELAND, FL 34039
 EB #004857 Phone: (863) 913-9130

NO. DATE REVISION DESCRIPTION

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DAIMIAN D. LESLIE, P.E.
 FL. REG #73113

6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:

NEW CONVENIENCE STORE
7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED	MDM JOB # 18012
DATE: 11-06-2020	
DESIGNED BY:	
DRAWN BY: SLO/DBB	FILE NAME: 18012_CD_SIGN
CHECKED BY:	
DRAWING TITLE:	

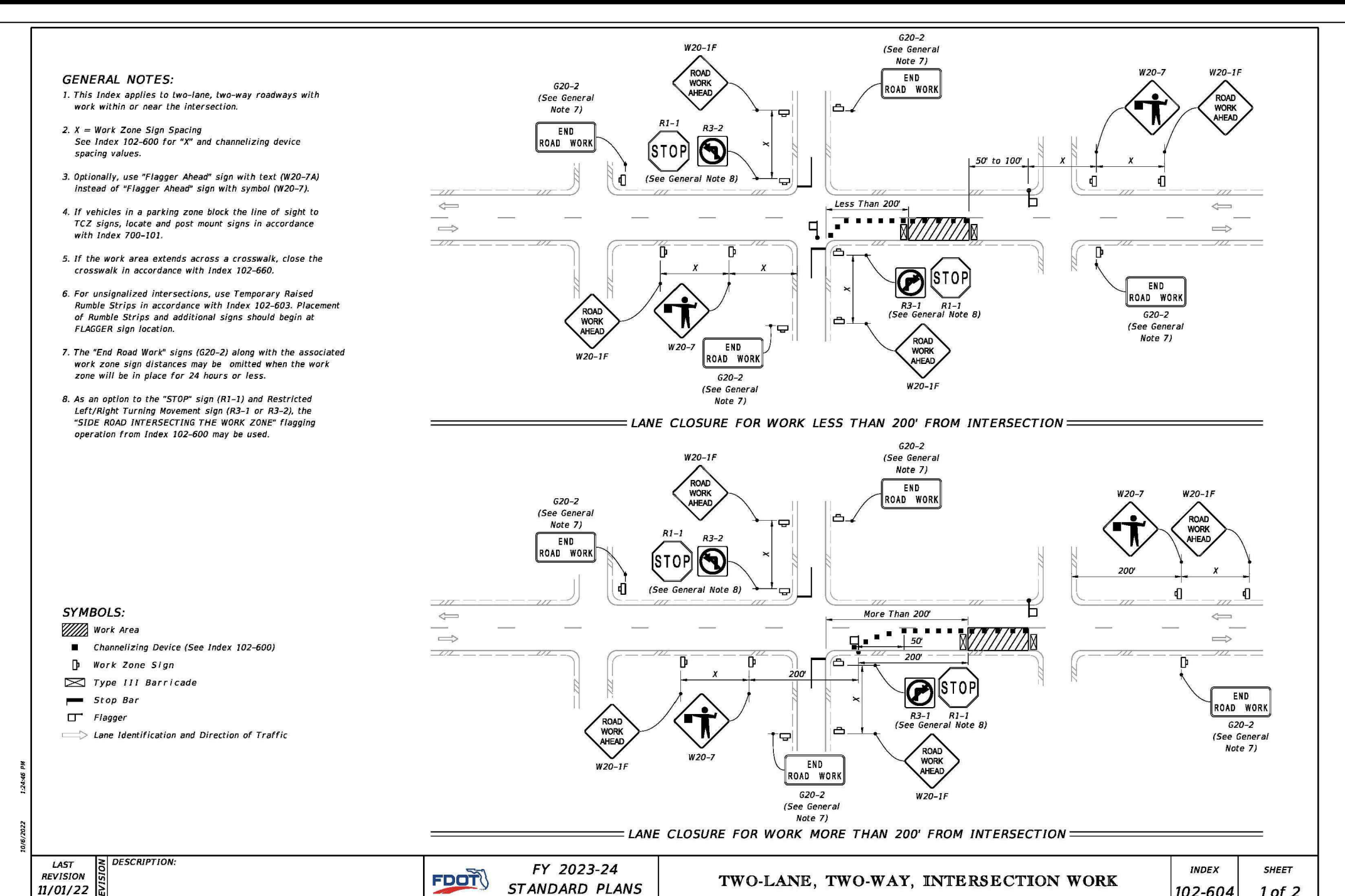
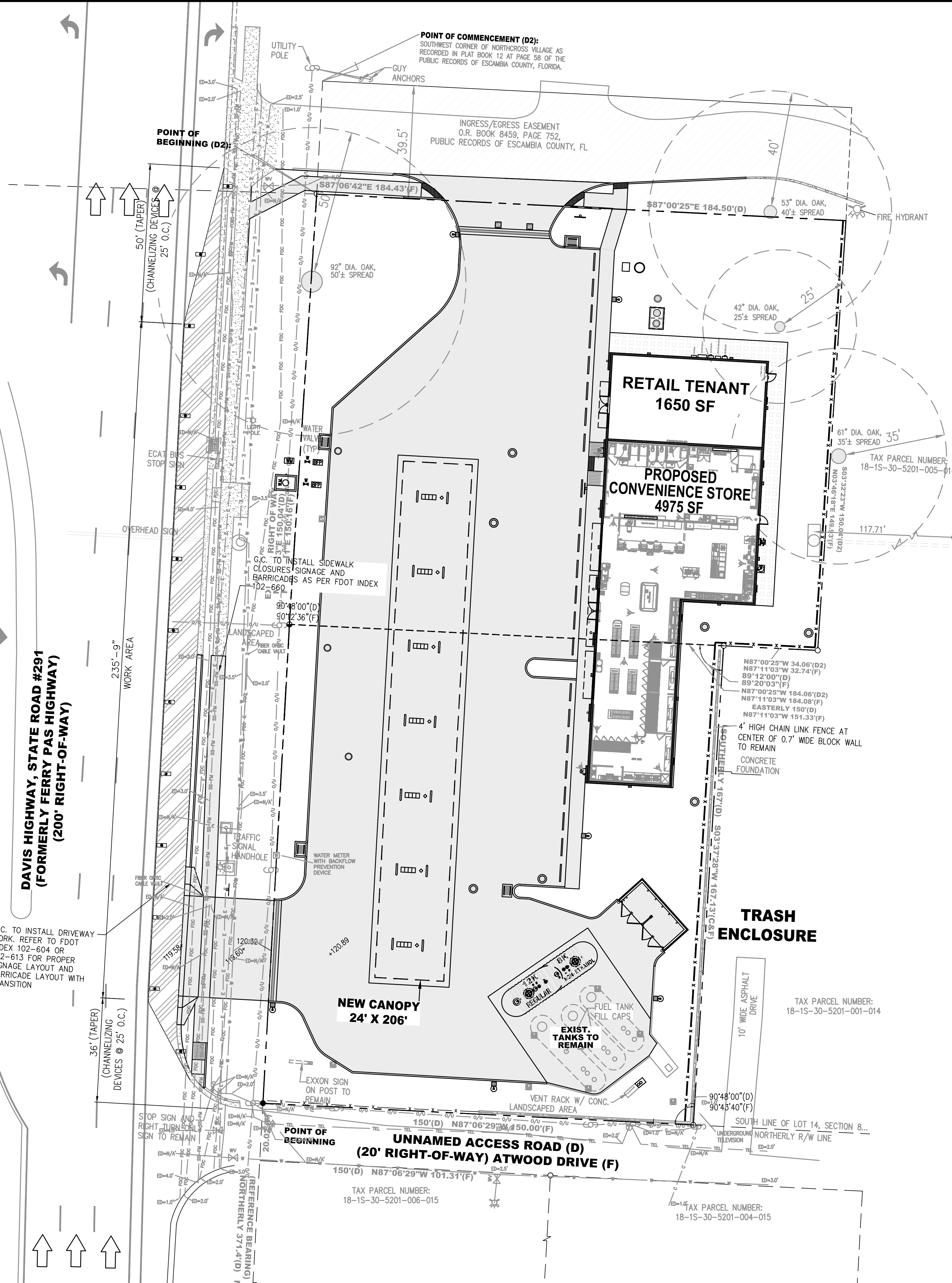
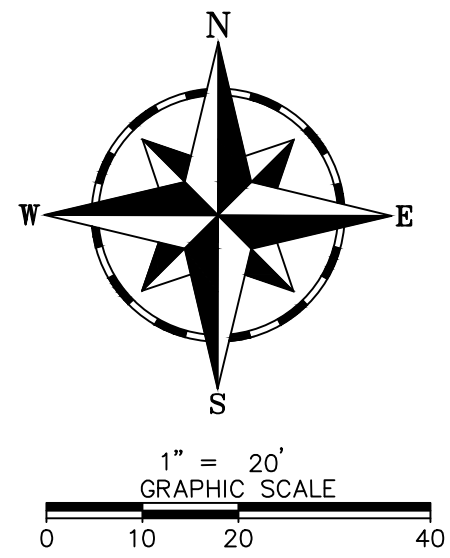
FDOT SIGN DETAILS

SHEET NO. **C6.5**

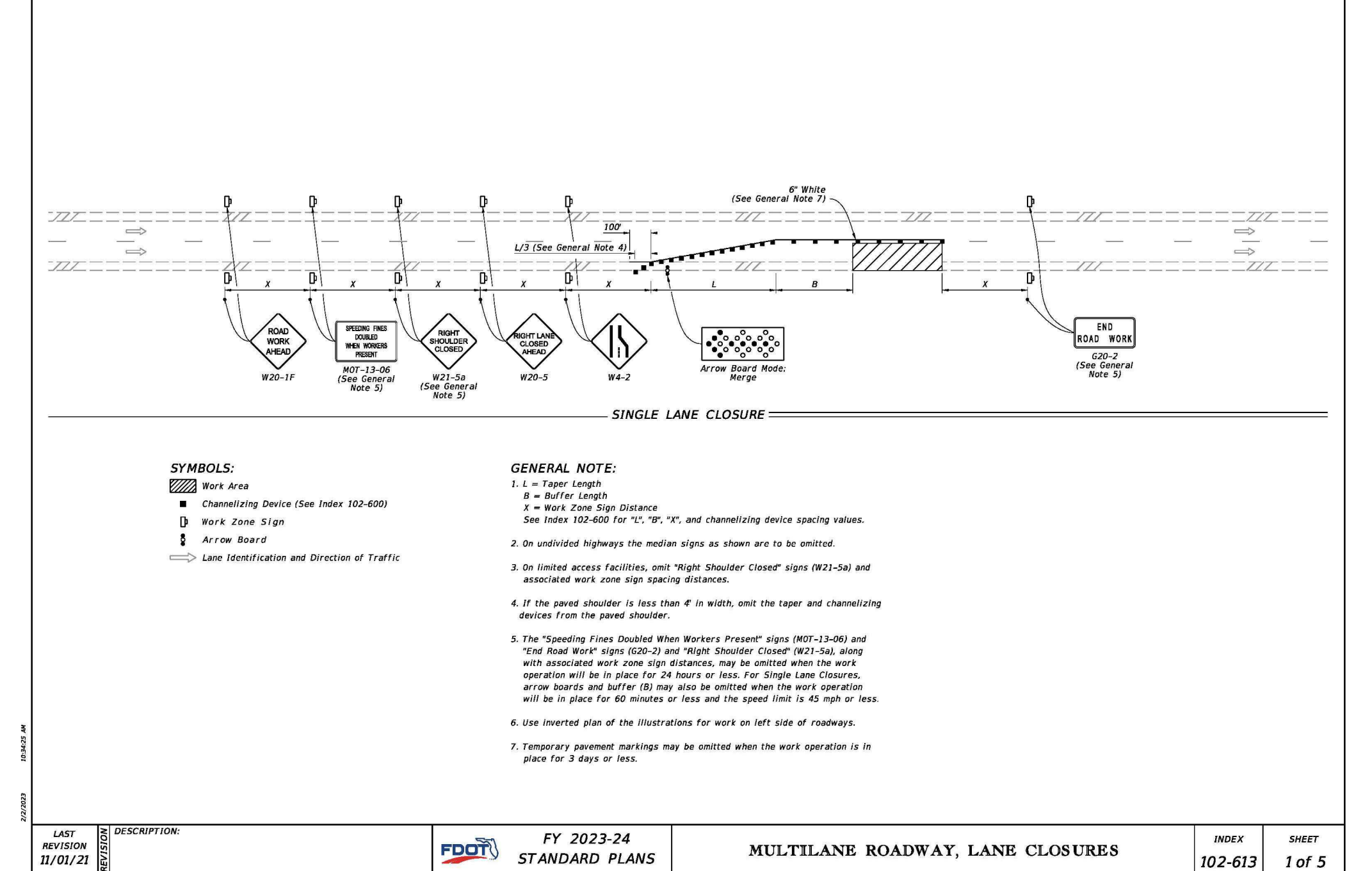


FOR INFORMATIONAL PURPOSES. REFER TO THE INDICES FOR ALL THE ADDITIONAL DETAILS AND NOTES

ISSUED FOR BIDDING 03/08/2024



LAST REVISION: 11/01/22	DESCRIPTION:	FY 2023-24 STANDARD PLANS	TWO-LANE, TWO-WAY, INTERSECTION WORK	INDEX: 102-604	SHEET: 1 of 2
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LAST REVISION: 11/01/22	DESCRIPTION:	FY 2023-24 STANDARD PLANS	MULTILANE ROADWAY, LANE CLOSURES	INDEX: 102-613	SHEET: 1 of 5
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MOT NOTES

THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND EASILY ACCESSIBLE PAVED OR UNPAVED PATHWAY FOR PEDESTRIAN TRAFFIC THROUGH THE WORK ZONE FOR THE DURATION OF THE CONSTRUCTION PROJECT. IF THE PATHWAY LIES ALONG A DESIGNATED SCHOOL-WALKING ROUTE THEN THE CONTRACTOR MUST PROVIDE ADEQUATE SUPERVISION AND/OR GUIDANCE TO THE SCHOOL AGED STUDENTS AS THEY TRAVERSE THROUGH THE WORK ZONE.

MAINTAIN ADVANCE WARNING SIGNS FOR ATWOOD DRIVE AND STATE ROAD 291. THE CONTRACTOR TO MAINTAIN DROP OFF REQUIREMENTS WITHIN THE WORK AREA. IT IS AN OPTION TO UTILIZE LOW PROFILE BARRIER WALL (PER FDOT INDEX 102-120) ON OUTSIDE SOUTHBOUND LANE (10' LANE WIDTH MIN. AS SHOWN IN PLANS) IF NECESSARY.

LEGEND:

- NEW CONCRETE PAVEMENT
- EXISTING CONCRETE PAVEMENT
- WORK AREA
- LANE DIRECTION
- CHANNELIZING DEVICE

SEE FDOT DETAIL FOR ADDITIONAL MOT DETAILS

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN RD., LAKELAND, FL 34042
 EB #004857 Phone: (863) 913-9130

NO.	DATE	REVISION DESCRIPTION

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 FL. REG #73113

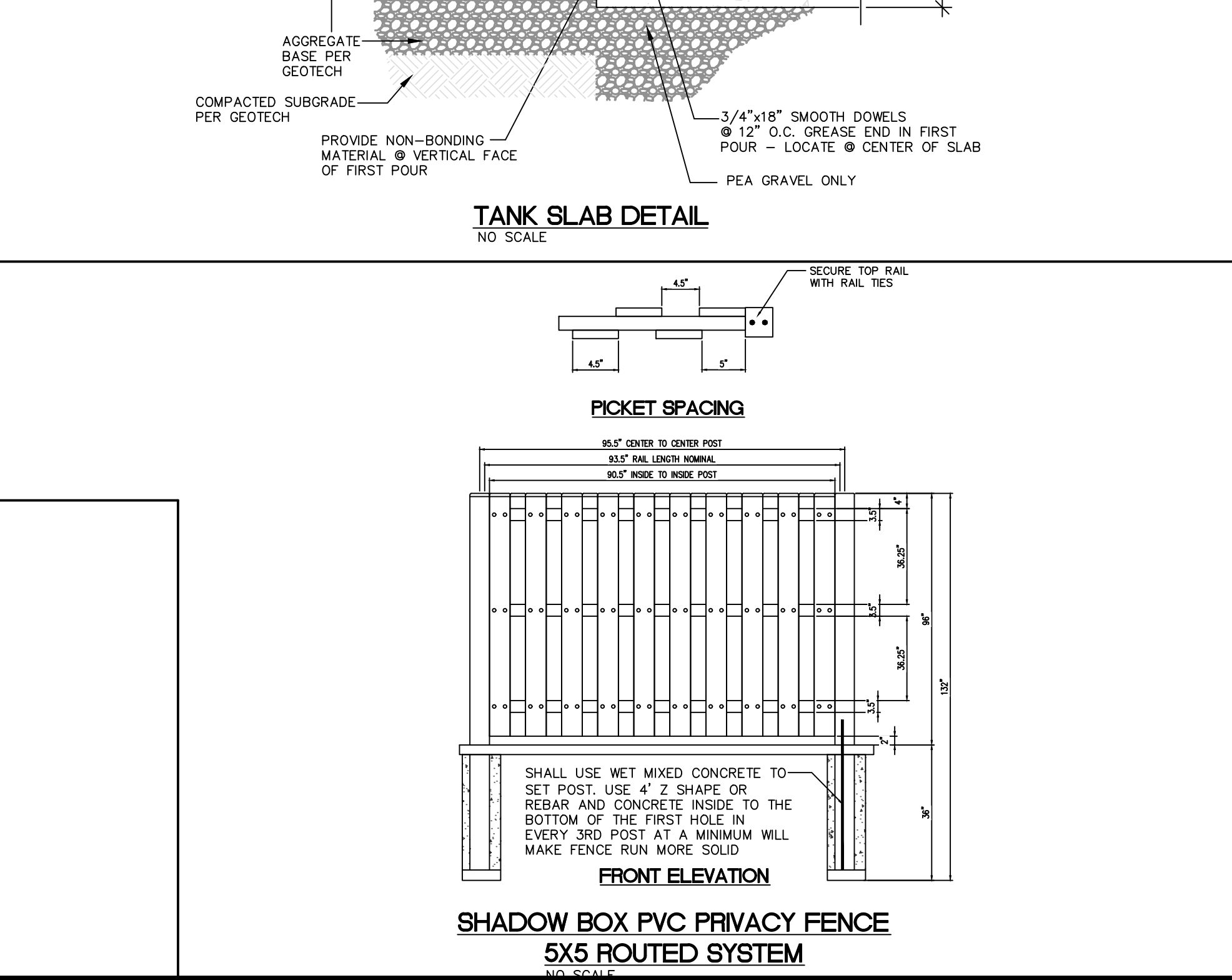
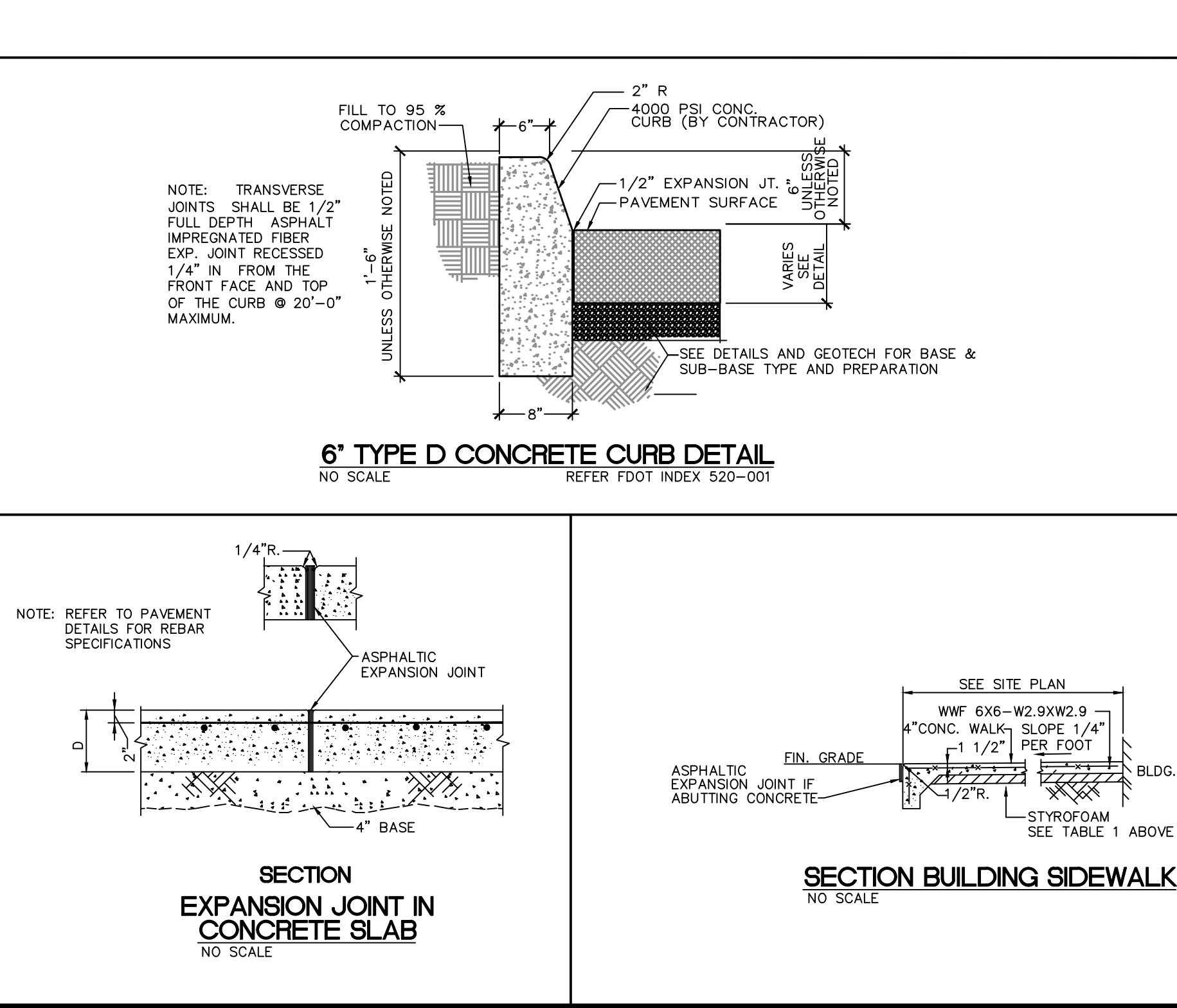
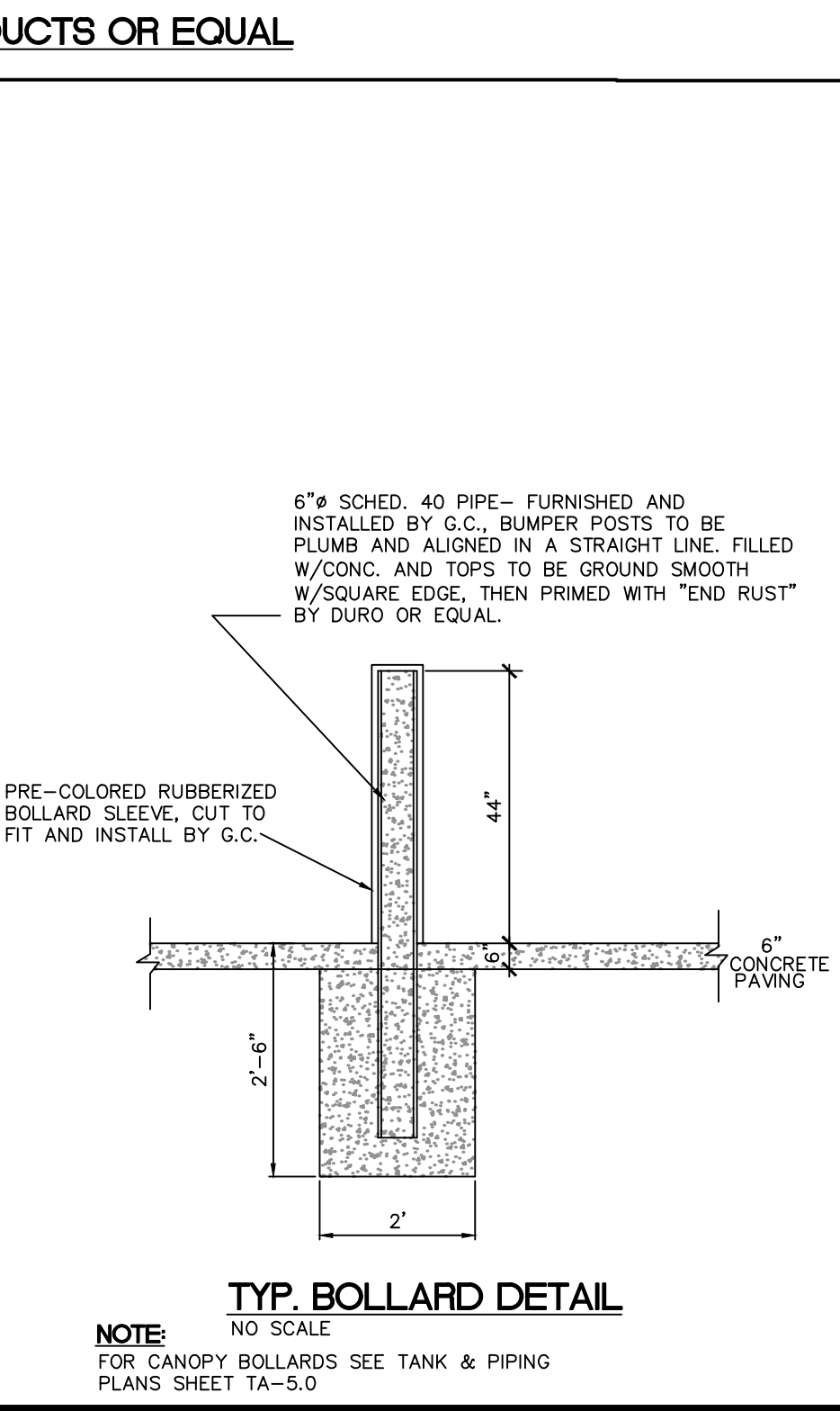
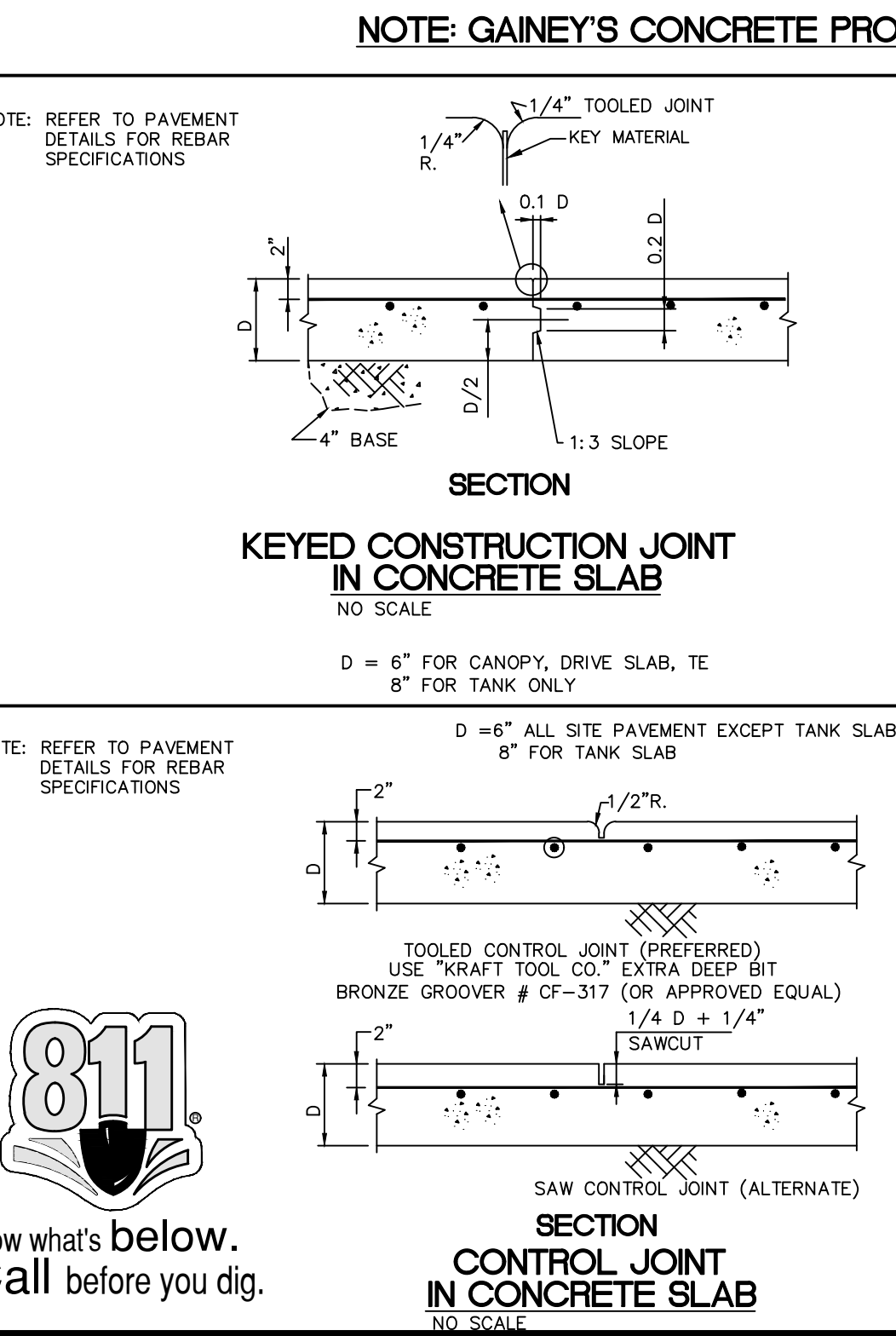
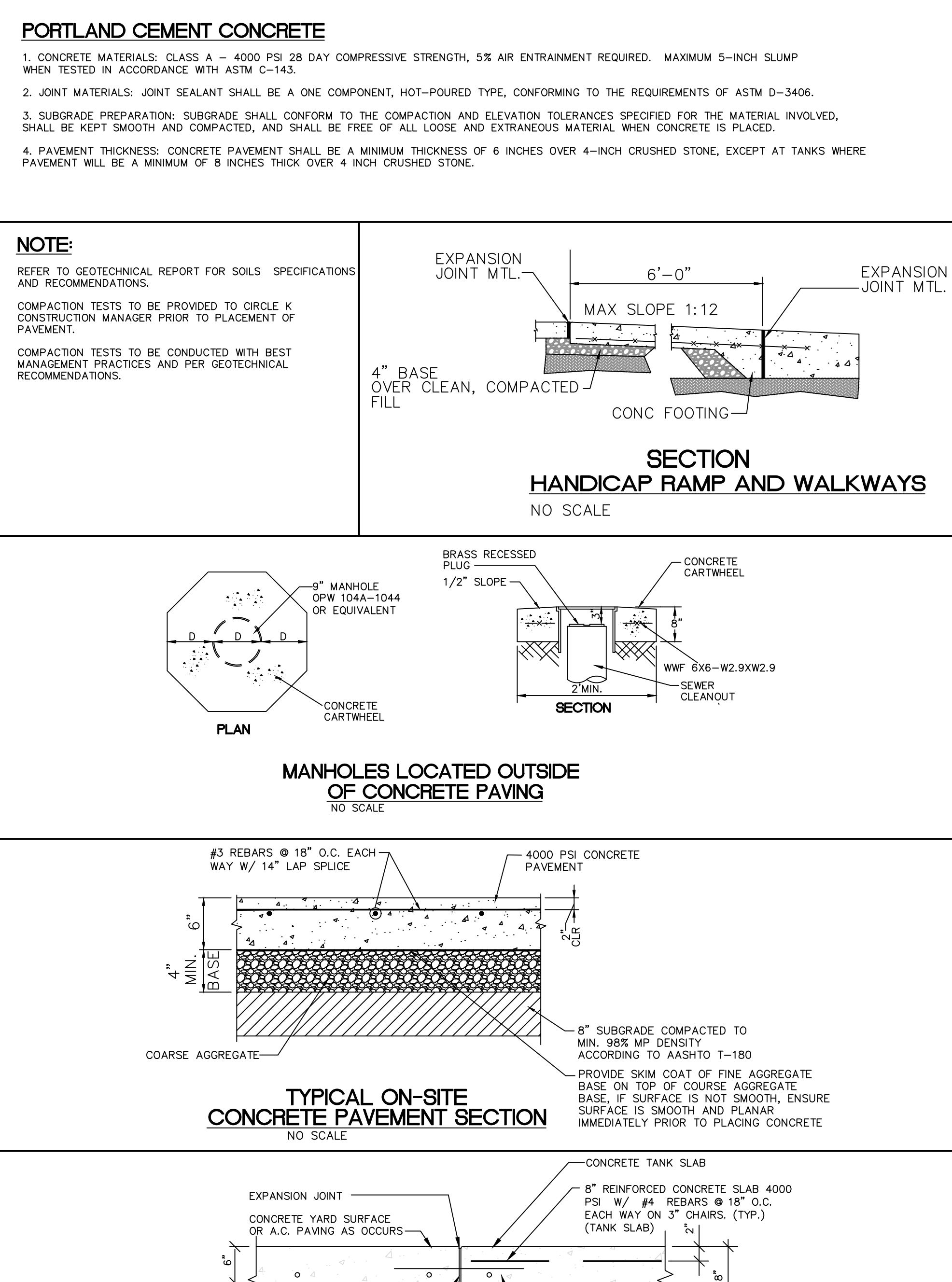
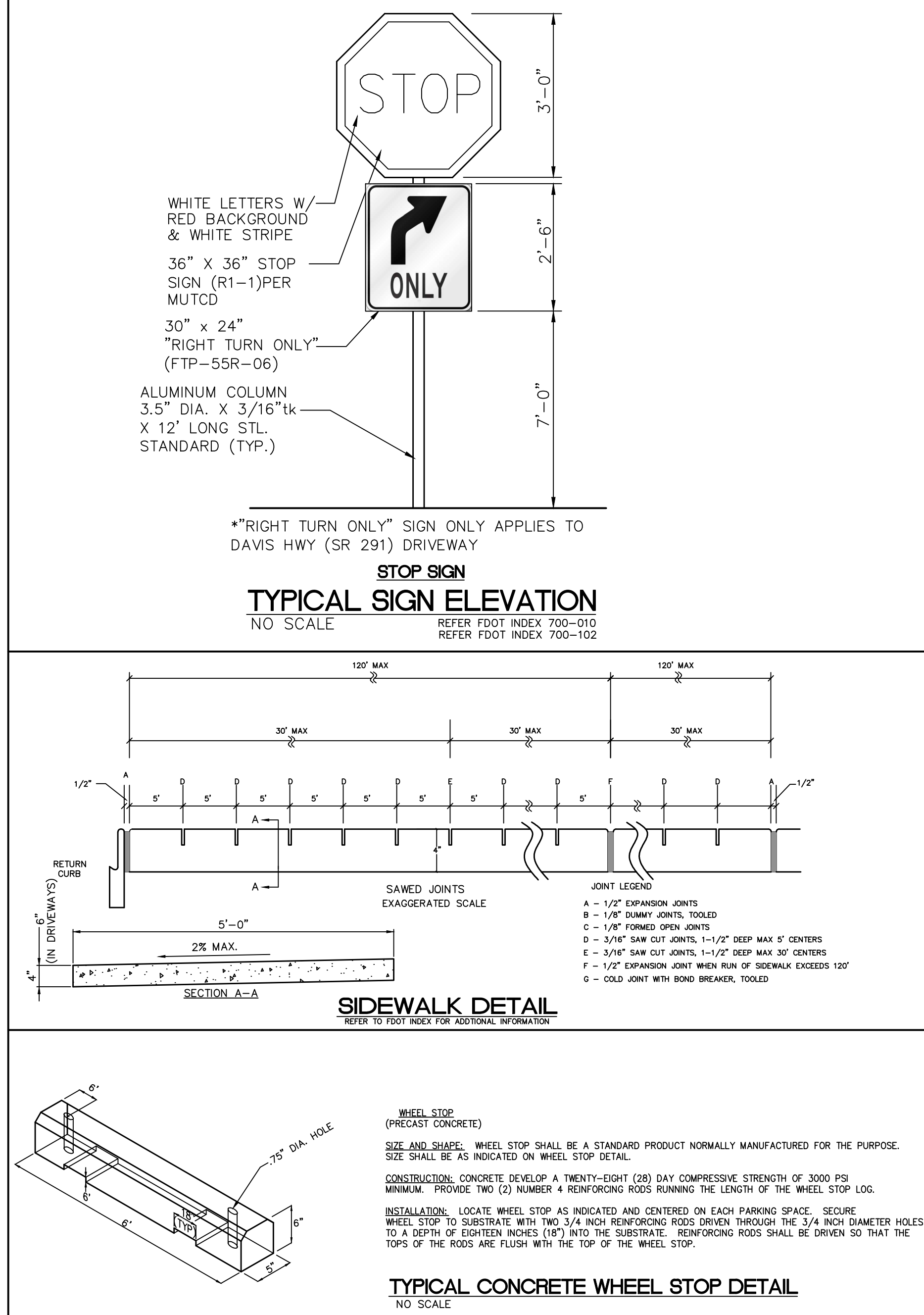
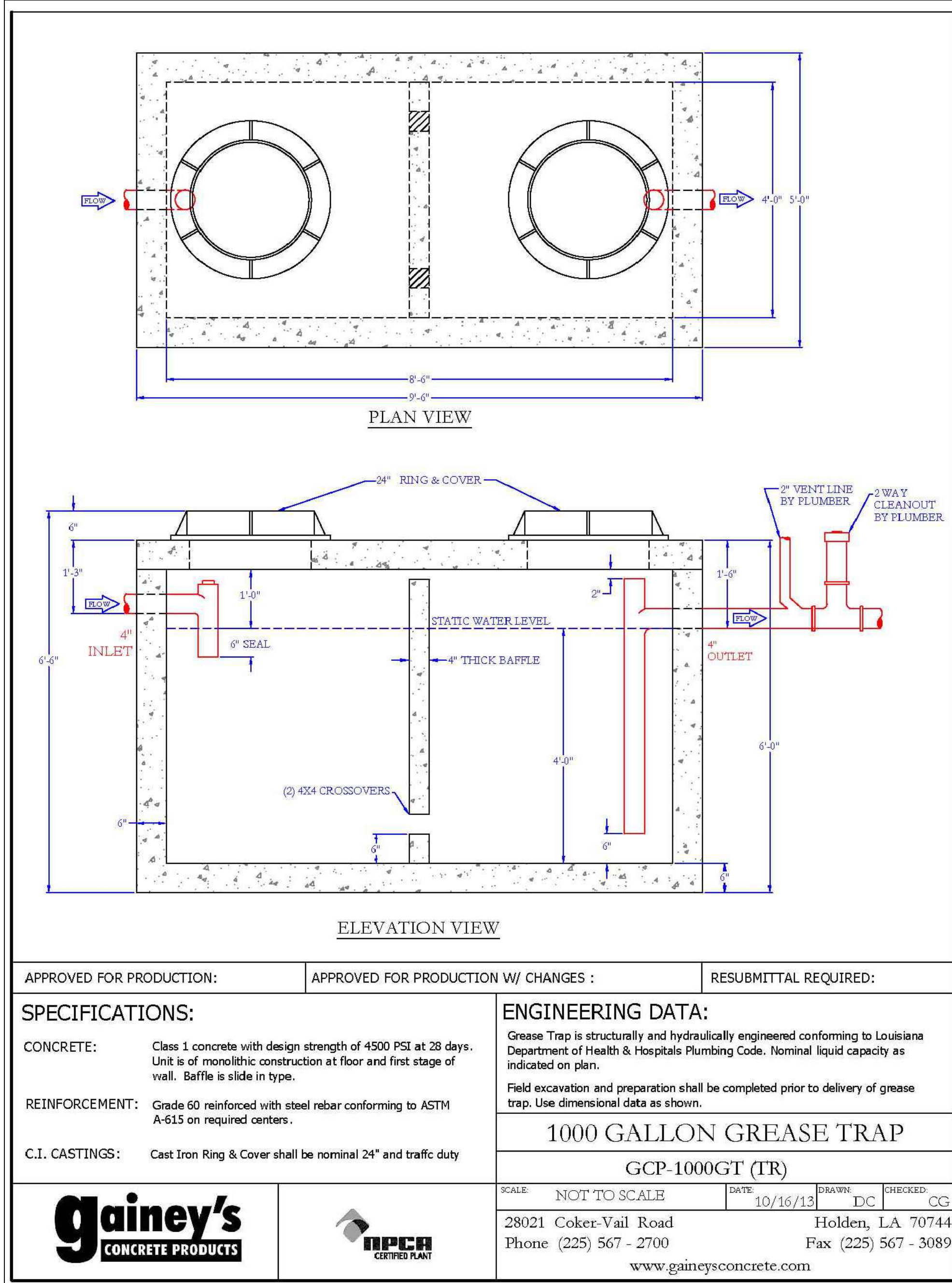
6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVIS HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM JOB # 18012
 DATE: 11-06-2020
 DESIGNED BY:
 DRAWN BY: SLO/DBB FILE NAME:
 CHECKED BY: 18012 CD
 DRAWING TITLE:
MAINTENANCE OF TRAFFIC
 SHEET NO.:
MOT-1.0



ISSUED FOR BID 03/08/2024



CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN RD., LAKELAND, FL 34052
 EB 0004857 Phone: (863) 911-9130

NO.	DATE	REVISION	DESCRIPTION

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DAIMIAN D. LESLIE, P.E.
 FL. REG #73113

6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:

NEW CONVENIENCE STORE

**7822 NORTH DAVIS HWY.
 PENSACOLA, FLORIDA**

SCALE: AS NOTED
MDM JOB # 18012
DATE: 11-06-2020
DESIGNED BY:
DRAWN BY: SLO/DBB
CHECKED BY: 18012 CD/DBB

DRAWING TITLE:
MISC. STD. DETAILS

SHEET NO.:
SD1

ISSUED FOR BID 03/08/2024

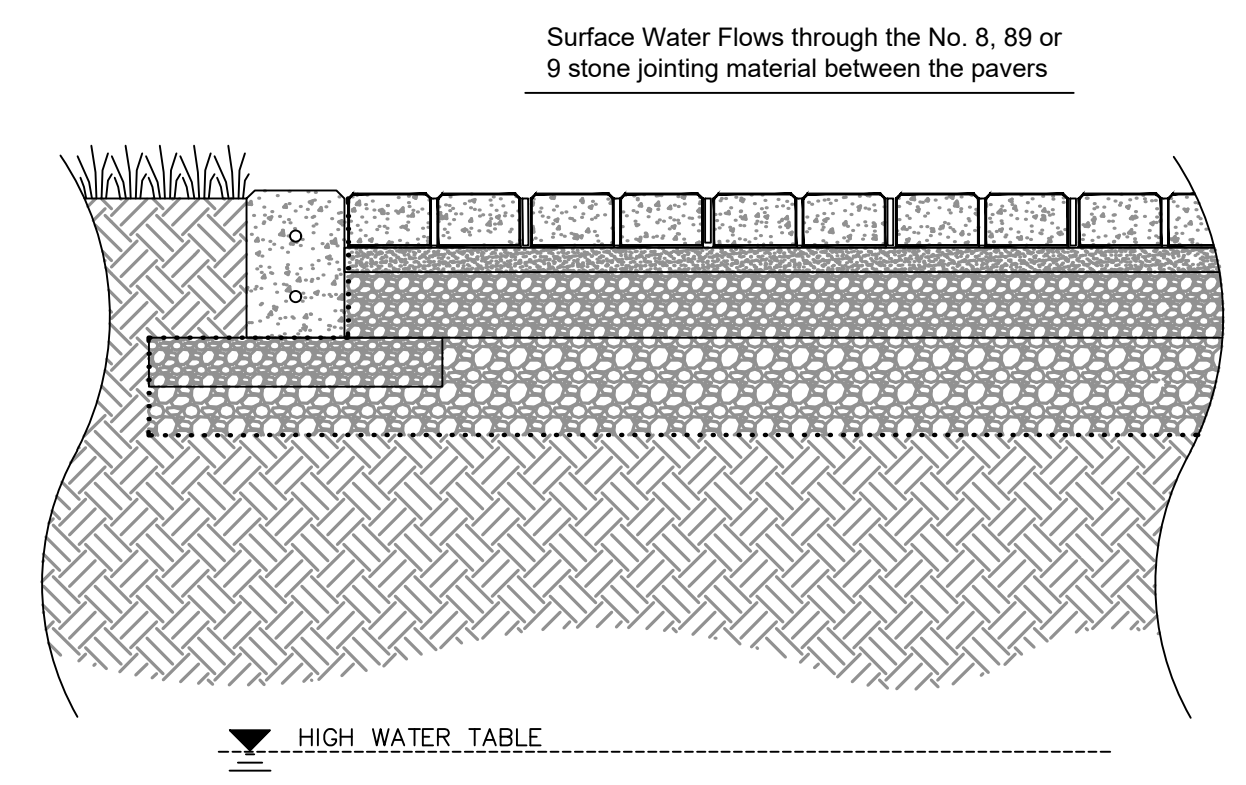
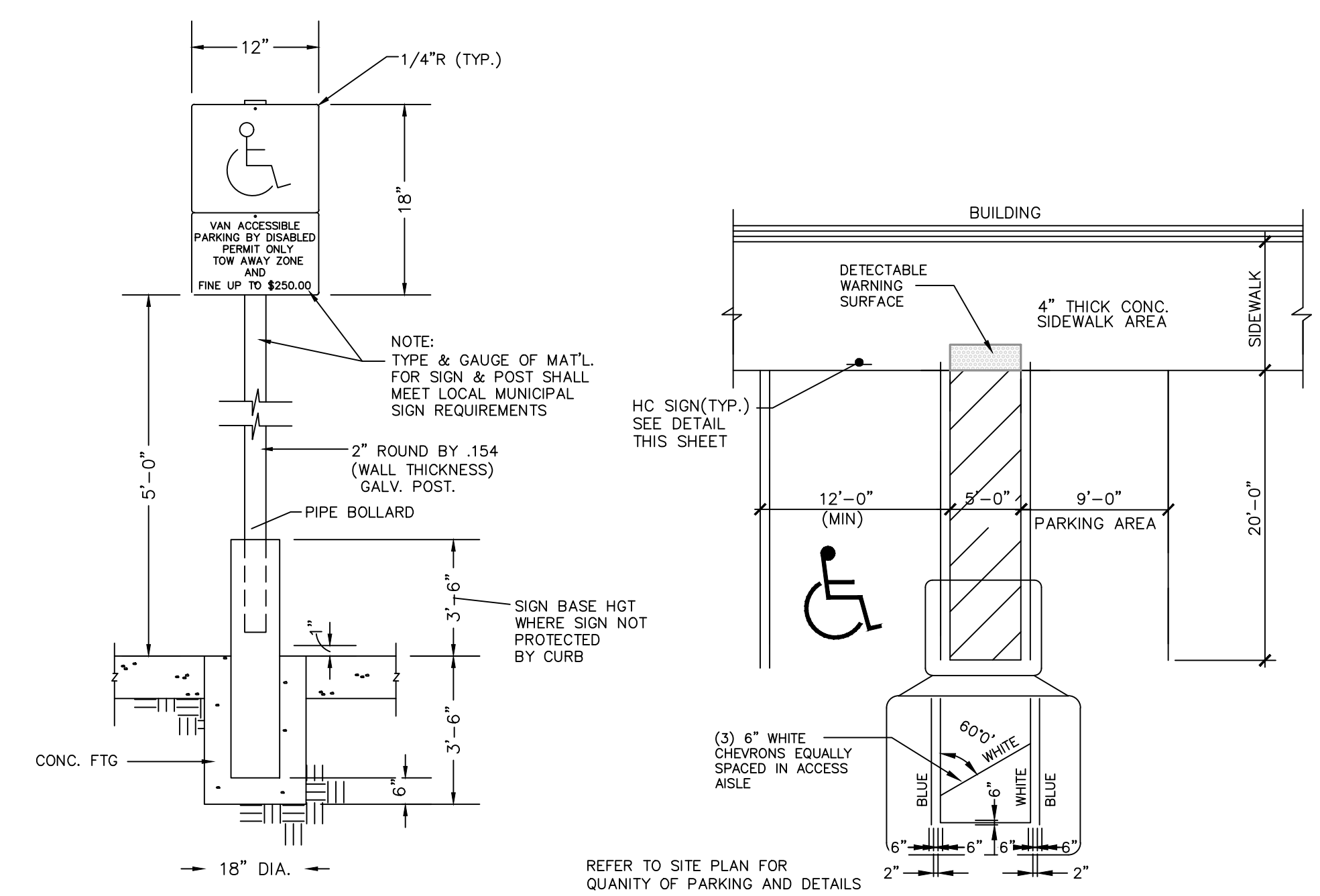


CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

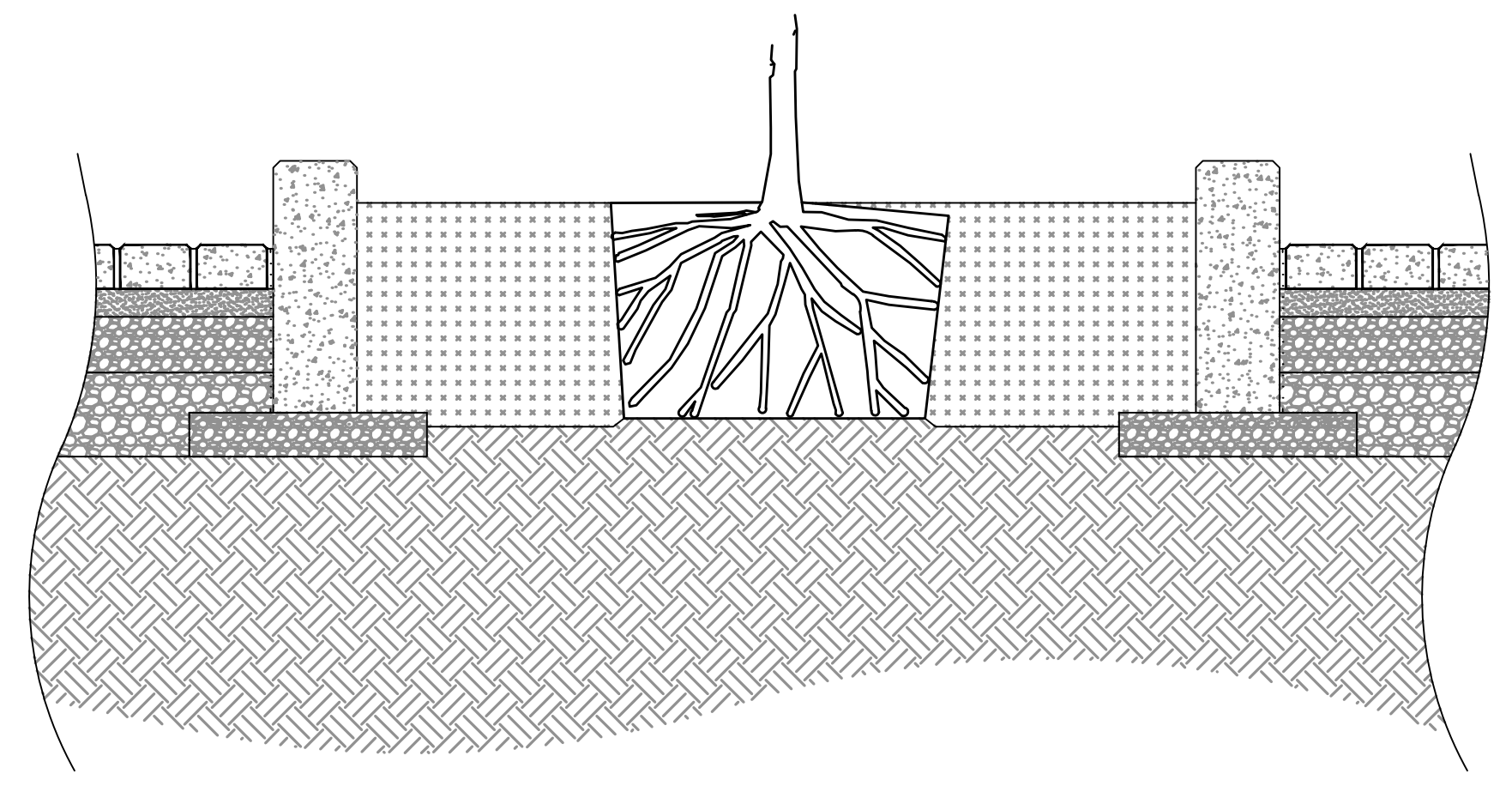
DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN RD., LAKELAND, FL 34409
 EB #004857 Phone: (863) 913-9130

ESCAMBIA COUNTY NOTES

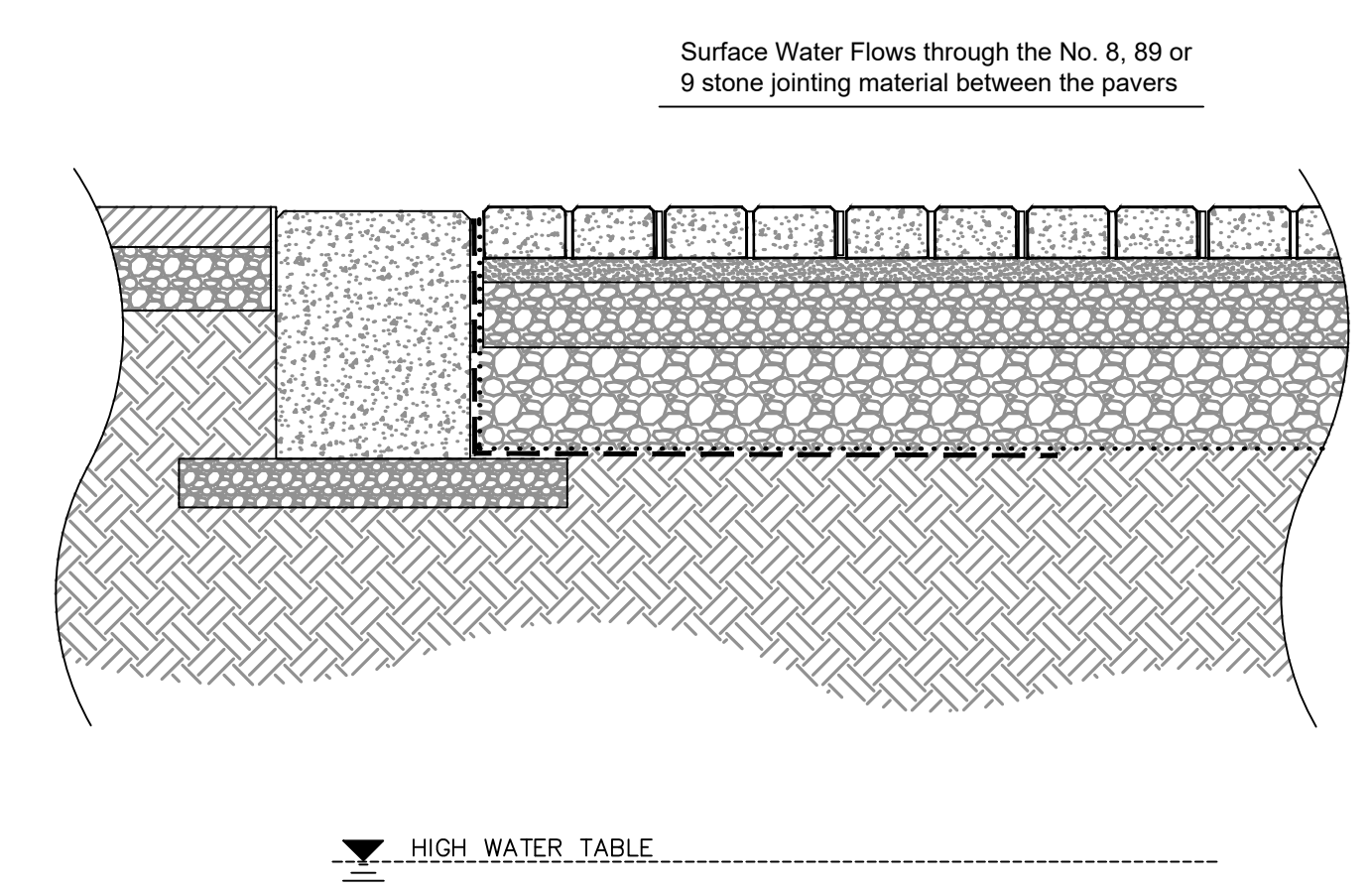
- i. "THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY OR PROVIDE "AS-BUILT" CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE "AS-BUILT" CERTIFICATION OR THE "AS-BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER".
- ii. "ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY."
- iii. "NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY."
- iv. "THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION."
- v. "RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORMWATER RUNOFF RATES. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION AND TAKE ADEQUATE MEASURES TO PREVENT THE EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS."
- vi. "ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD."
- vii. "ALL NEW BUILDING ROOF DRAINS, DOWN SPOUTS, OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER TO RETENTION/DETENTION AREAS."
- viii. XVI. "DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE RETENTION/DETENTION POND(S) AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR INSPECTION."
- ix. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION."
- x. "THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850) 595-3472. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL."
- xi. "CONTRACTOR SHALL OBTAIN BUILDING INSPECTION DEPARTMENT PERMIT(S) FOR ANY RETAINING WALL HIGHER THAN 2 FEET."
- xii. "NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN R/W; 1-800-432-4770."
- xiii. "ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "AS-BUILT" SIGN OFF FROM THE COUNTY."
- xiv. "THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHTS-OF-WAY."
- xv. IT APPEARS THIS PROJECT MAY REQUIRE PERMITTING THROUGH ERP, FDOT AND NPDES. IT IS ENGINEER/DEVELOPER'S RESPONSIBILITY TO OBTAIN ALL STATE REQUIRED PERMITS.
- xvi. DRAINAGE FEES SHALL BE PAID AT THE TIME OF THE FINAL COMPARISON SUBMITTAL. DRAINAGE FEES WILL BE DETERMINED AT THE TIME OF ROUTE SHEET SIGN OFF.



**BELGARD PERMEABLE PAVING DETAIL
 TYPICAL PICP PAVEMENT DETAIL**



**BELGARD PERMEABLE PAVING DETAIL
 PICP PAVEMENT TRANSITION TO LANDSCAPE ISLAND/CURBING**



**BELGARD PERMEABLE PAVING DETAIL
 PICP PAVEMENT TRANSITION TO ASPHALT**

NO.	DATE	REVISION DESCRIPTION
1	09/21/21	REVISED PER COUNTY

This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date 09/21/21. Printed copies of this document are not considered signed and sealed and their validity must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
 FL. REG #73113
6,625 SQ. FT. BUILDING

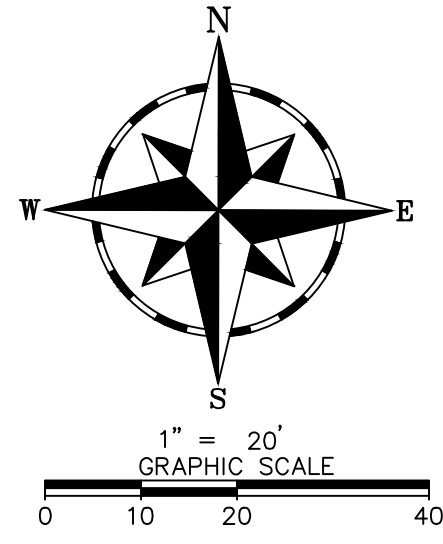
SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM JOB # 18012
 DATE: 11-06-2020
 DESIGNED BY:
 DRAWN BY: SLO/DDB FILE NAME:
 CHECKED BY: 18012 CD

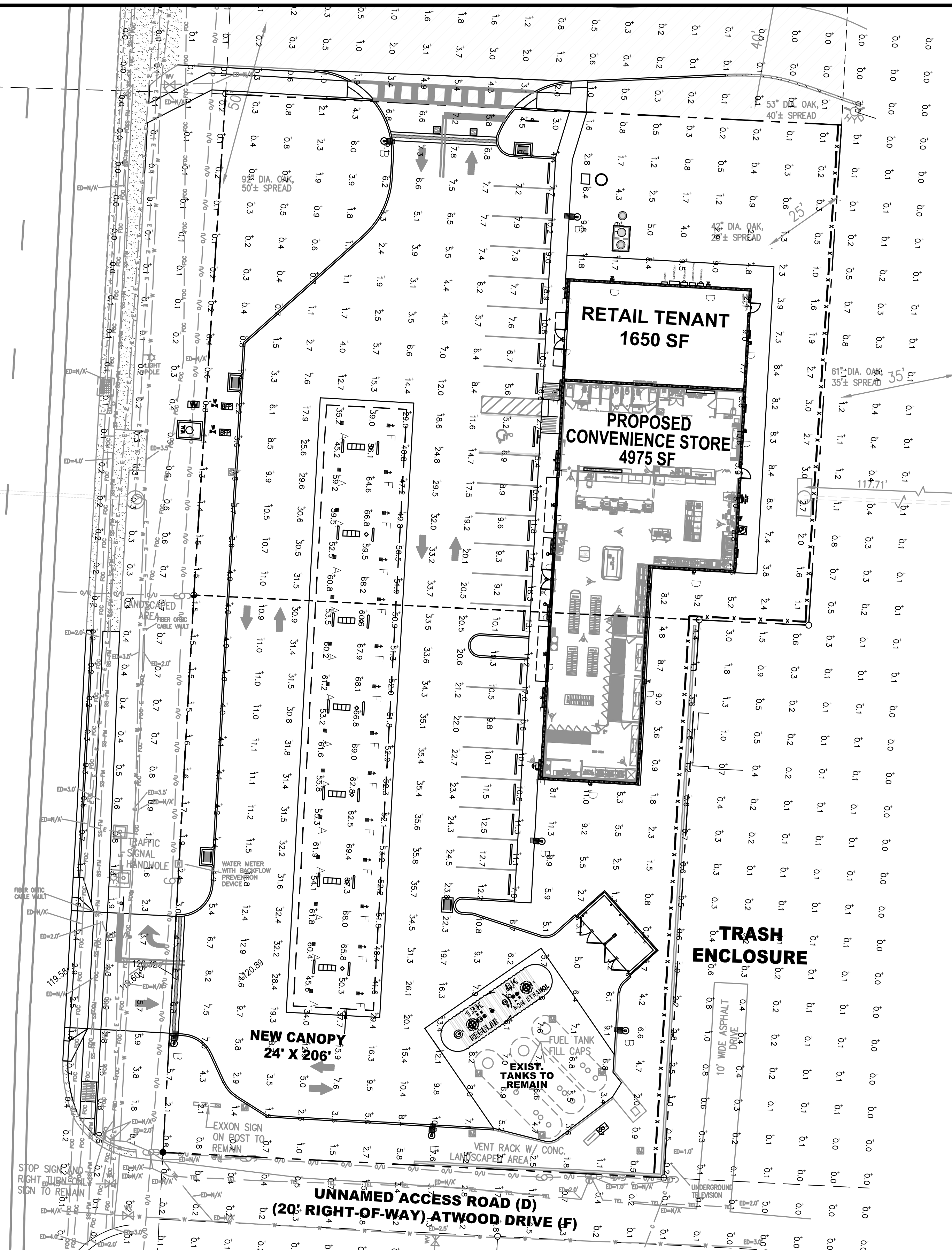
DRAWING TITLE:
MISC. SITE DETAIL
 SHEET NO:
SD2



ISSUED FOR BID 03/08/2024

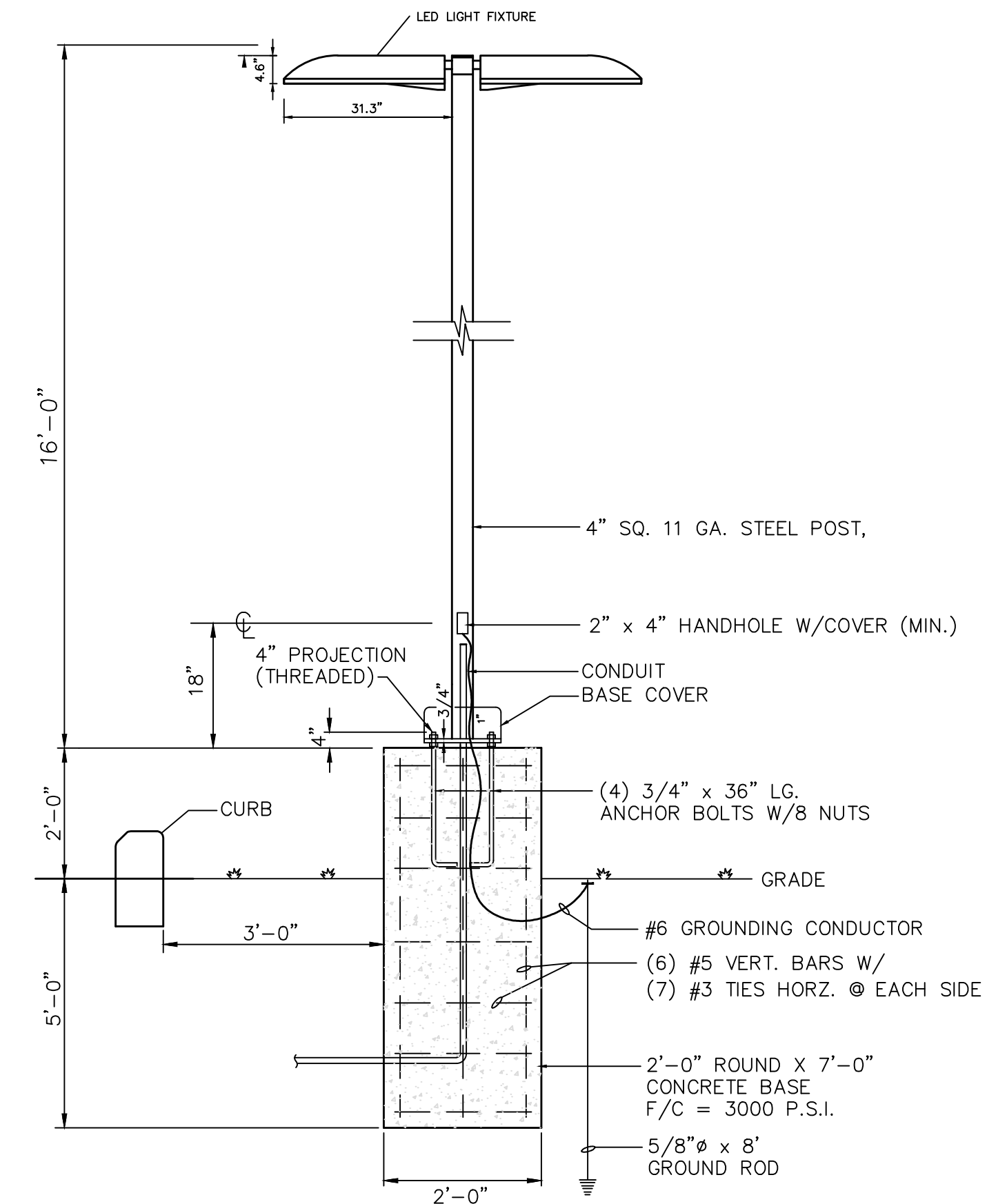


DAVIS HIGHWAY, STATE ROAD #291
(FORMERLY FERRY PAS HIGHWAY)
(200' RIGHT-OF-WAY)

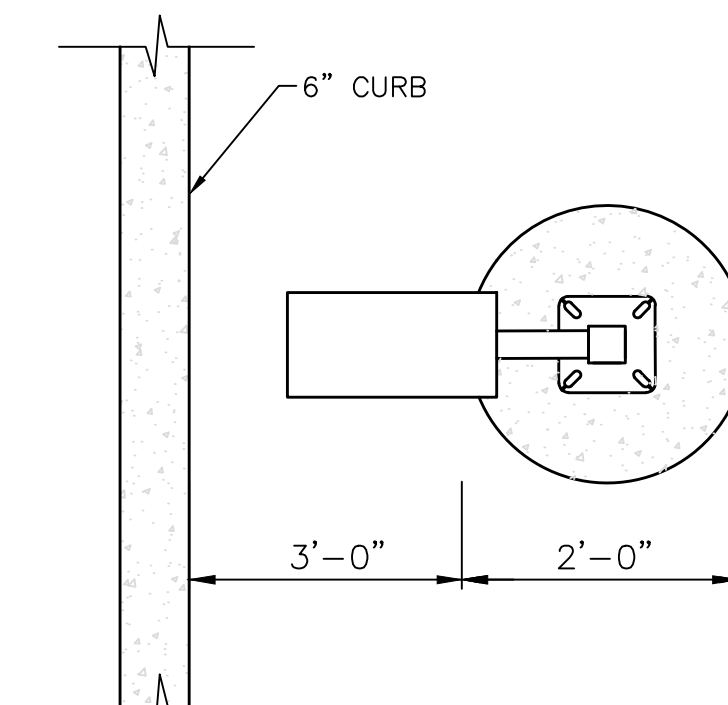


Symbol	Qty	Label	Arrangement	Description	LLD	UDF	LLF	Arr. Lum. Lumens	Arr. Watts
[Symbol]	28	A	SINGLE	SCV-LED-15L-SC-50 MTD @ 15'	1.000	1.000	1.000	14963	102
[Symbol]	7	B	SINGLE	MRM-LED-18L-SIL-FT-50-70CRI-SINGLE-16"POLE+2"BASE	1.000	1.000	1.000	19324	135
[Symbol]	9	C	SINGLE	CRUS-DDM-SC-VLW-50 MTD @ 10'	1.000	1.000	1.000	9364	60
[Symbol]	8	D	SINGLE	XWM-FT-LED-06L-50 MTD @ 10'	1.000	1.000	1.000	5936	44.7

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALL CALC POINTS	ILLUMINANCE	Fc	7.72	61.9	0.0	N.A.	N.A.
CANOPY	ILLUMINANCE	Fc	48.22	61.9	18.8	2.56	3.29
INSIDE CURB	ILLUMINANCE	Fc	10.20	31.5	1.8	5.67	17.50



AREA LIGHT SIDE VIEW
NTS



AREA LIGHT PLAN VIEW
NTS

CONTACT FOR LIGHTING PACKAGE PRICING:
Chris East
Lucas Ford Associates
chris@lfa.net
(772) 215-3342



LIGHTING PROPOSAL LO-153738
C-STORE
DAVIS HIGHWAY
BY: MWE DATE: 5-06-21 REV: SHEET 1 OF 1

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL 32563
Phone No. 775-460-1000

DESIGN TEAM TITLE:
MDM SERVICES INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33809
EB 4004857 Phone: (813) 938-1100

NO. DATE REVISION
This item has been digitally signed and sealed by Daimian D. Leslie, PE. Printed copies of this document are not considered signed and sealed and the signature must be verified on any e-copy.

DAIMIAN D. LESLIE
FL REG #73117
6,625 S.F. BUILD

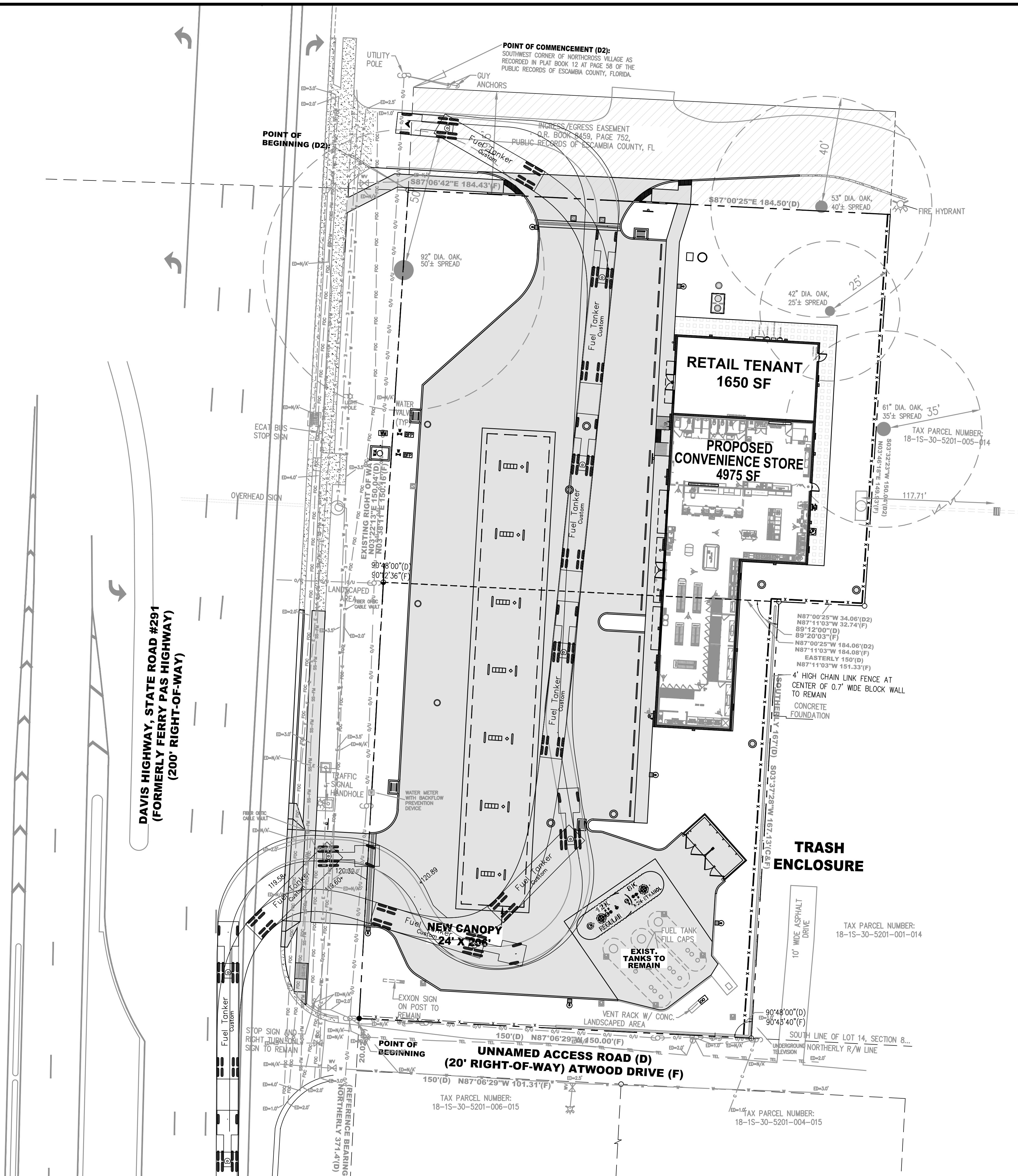
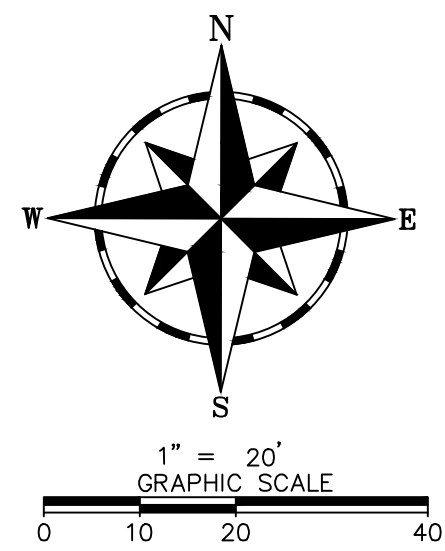
SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVIS HWY.
PENSACOLA, FL 32504

SCALE: AS NOTED
DATE: 11-06-2020
DESIGNED BY:
DRAWN BY: SLO/DBB
CHECKED BY: 18012C/JWG
DRAWING TITLE:
PHOTOMETRIC PLAN
SHEET NO.:

PH1.0

ISSUED FOR BID 03/08/2024





LEGEND:

	NEW CONCRETE PAVEMENT
	NEW PERVIOUS CONCRETE PAVERS
	EXISTING CONCRETE PAVEMENT

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 34052
EB #004857 Phone: (863) 913-9130

NO.	DATE	REVISION DESCRIPTION

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DAIMIAN D. LESLIE, P.E.
FL. REG #73113

6,625 SQ. FT. BUILDING

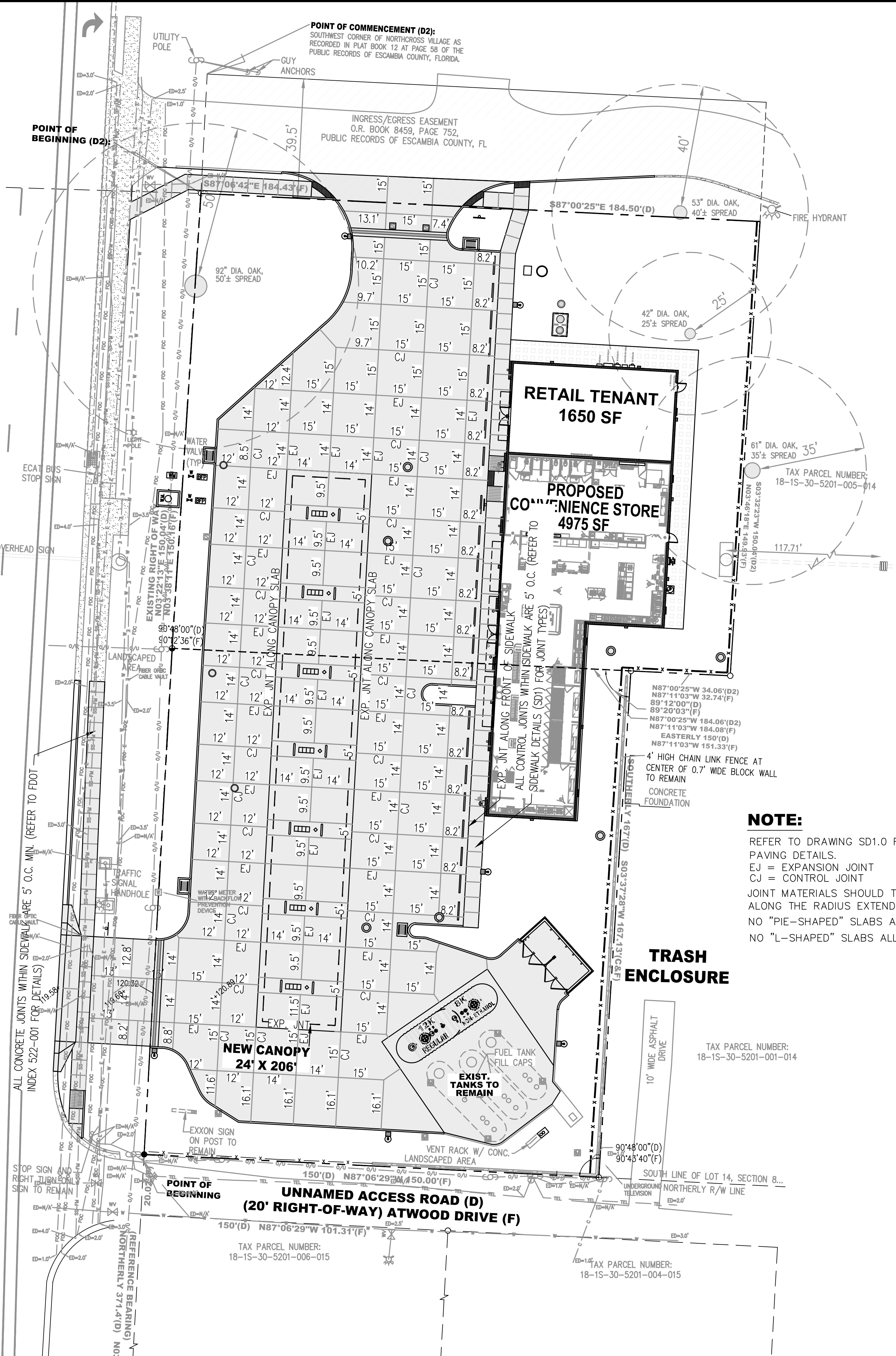
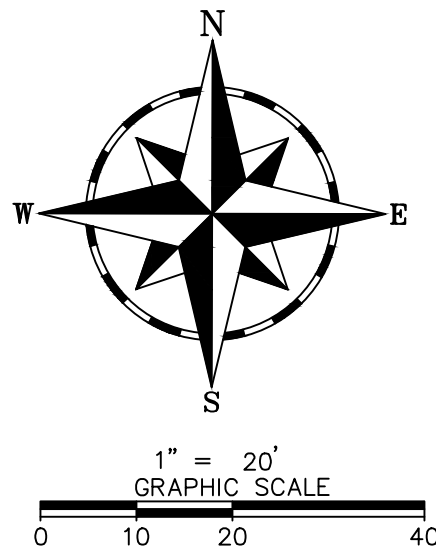
SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVIS HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED	MDM JOB # 18012
DATE: 11-06-2020	
DESIGNED BY: SLO/DOB	FILE NAME: 18012_CD.DWG
DRAWN BY: SLO/DOB	
CHECKED BY: SLO/DOB	

DRAWING TITLE:
TANKER PATH PLAN

SHEET NO.:
TR1.0

ISSUED FOR BID 03/08/2024



NOTE:
 REFER TO DRAWING SD1.0 FOR CONCRETE PAVING DETAILS.
 EJ = EXPANSION JOINT
 CJ = CONTROL JOINT
 JOINT MATERIALS SHOULD TIE INTO CURVED FEATURES ALONG THE RADIUS EXTENDED.
 NO "PIE-SHAPED" SLABS ALLOWED.
 NO "L-SHAPED" SLABS ALLOWED.

LEGEND:

[Solid Grey Box]	NEW CONCRETE PAVEMENT
[Dotted Grey Box]	NEW PERVIOUS CONCRETE PAVERS
[White Box]	EXISTING CONCRETE PAVEMENT

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN RD., LAKELAND, FL 34042
 EB #004857 Phone: (863) 913-9130

NO.	DATE	REVISION DESCRIPTION
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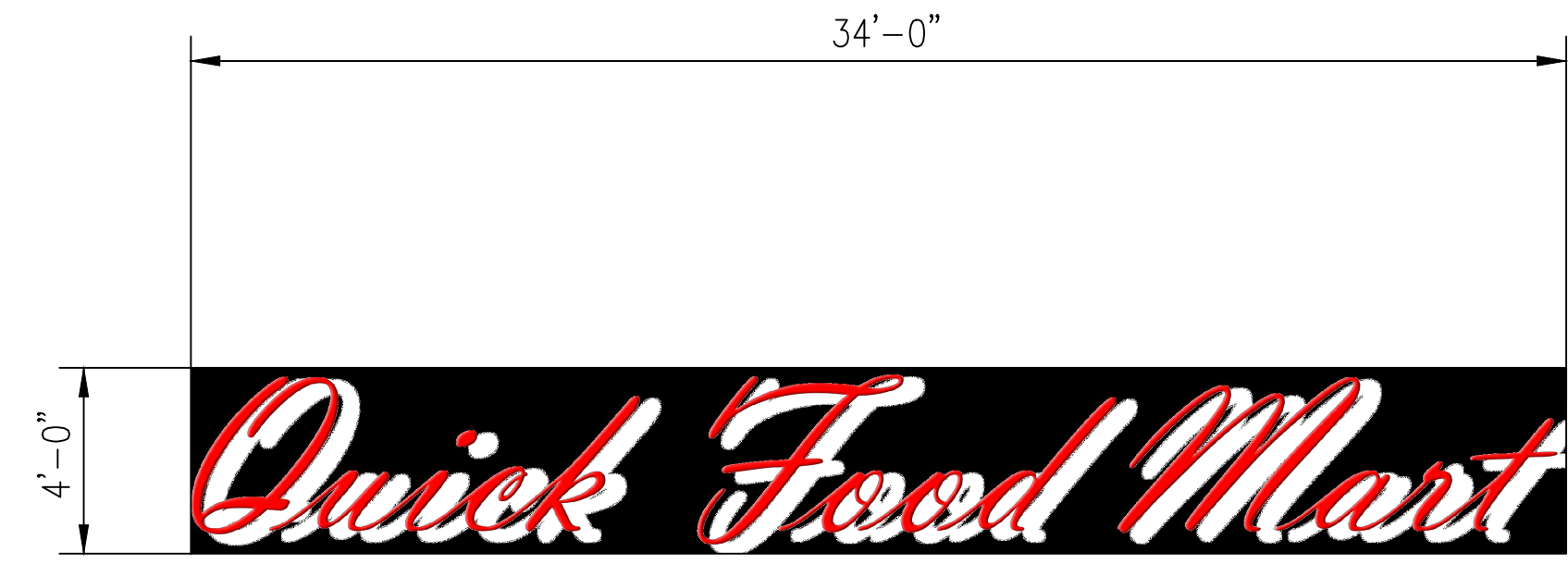
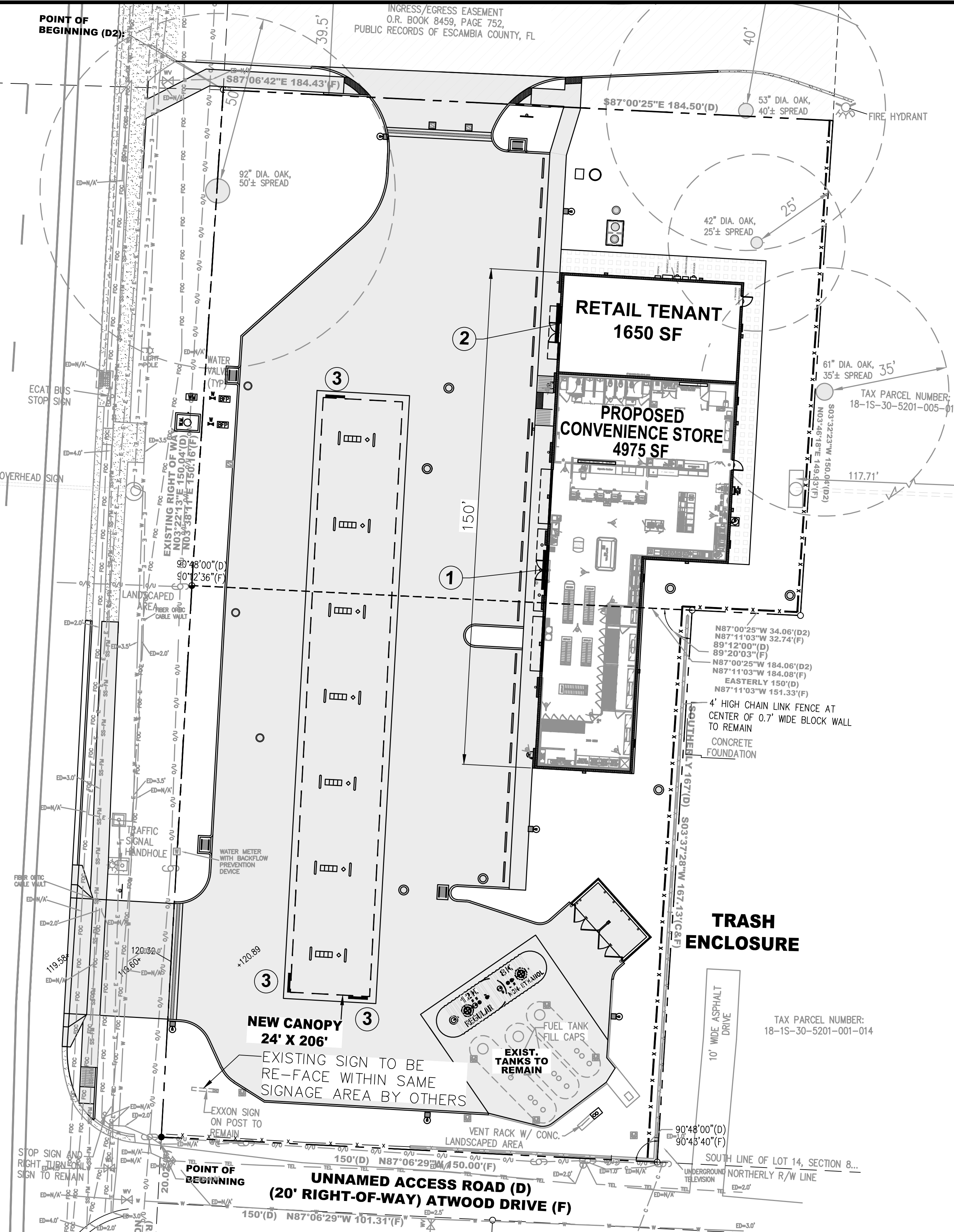
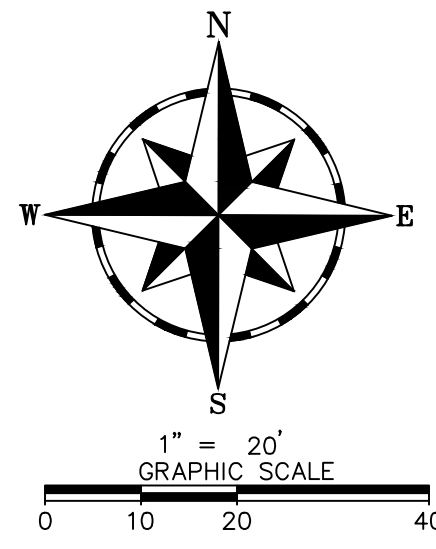
DAIMIAN D. LESLIE, P.E.
 FL. REG #73113
6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVIS HWY.
PENSACOLA, FLORIDA

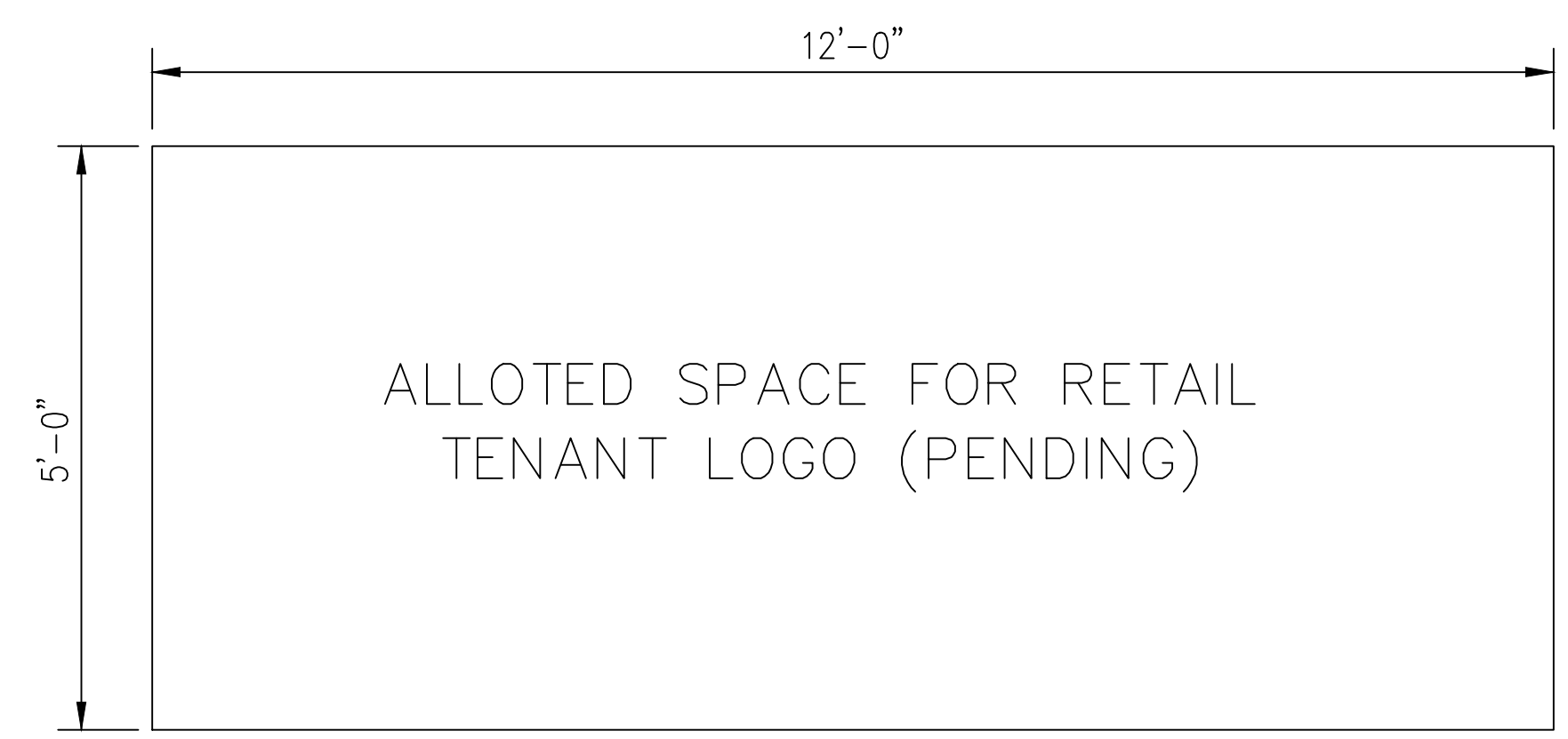
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DATE: 11-06-2020	
DESIGNED BY:	
DRAWN BY: SLO/DBB	FILE NAME: 18012_CD.DWG
CHECKED BY:	
DRAWING TITLE: JOINT LAYOUT PLAN	
SHEET NO.: JP1.0	



ISSUED FOR BID 03/08/2024

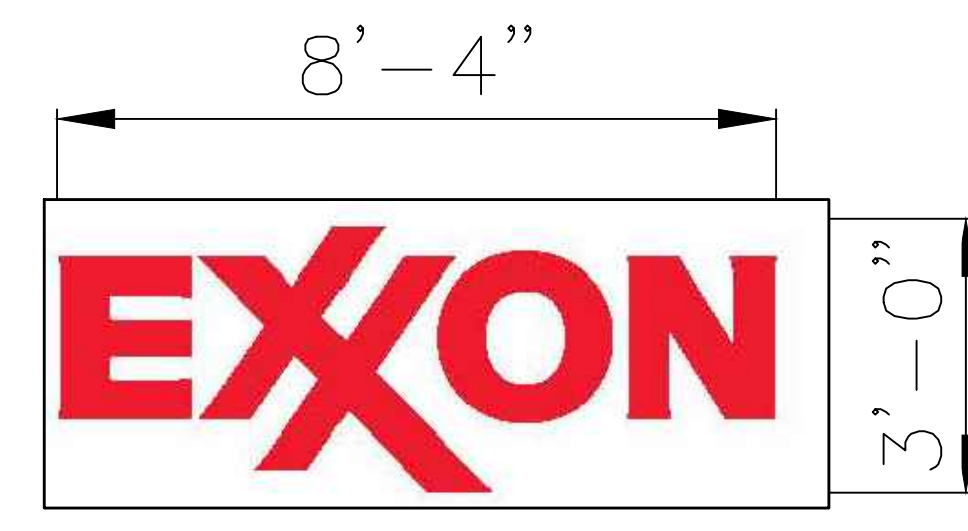


1 C-STORE FRONT BLDG. SIGN (CHANNEL LETTERS)
SCALE: NONE 136.00 SQ.FT.



2 FRONT BLDG. SIGN ELEVATION (RETAIL SIDE)
SCALE: NONE 60.00 SQ.FT.

NOTE:
EXISTING ID SIGN TO BE REFACED



3 CANOPY SIGN ELEVATION
SCALE: NONE 25.00 SQ.FT.

NOTE:
SIGNS SHOWN FOR SQUARE FOOTAGES, AND LOCATION ONLY. GRAPHICS MAY VARY. SQUARE FOOTAGES MAY VARY SLIGHTLY WITHIN THE ALLOWABLE SQUARE FOOTAGE. ACTUAL SIGN PERMIT, PLANS AND CALCULATIONS SHALL BE PROVIDED BY SIGN CONTRACTOR. A SEPARATE SIGN PERMIT IS REQUIRED FOR EACH SIGN.

SIGNAGE CALCULATION:
SIGN CONTRACTOR TO REVIEW ESCAMBIA CO. LDC AS APPLICABLE

WALL SIGNS:
SHALL NOT EXCEED 10% OF THE WALL SURFACE FACING THE STREET
2.75 SQ.FT. PER LINEAR FOOT OF BUILDING FRONTAGE

TOTAL SIGNAGE					
DESCRIPTION	QUANTITY	SF SHOWN EACH	TOTAL PROPOSED	MAX SF ALLOWED	HEIGHT LIMITATION
1 NEW STORE FRONT BUILDING SIGN CHANNEL LETTERS ON C-STORE	1	134.00 S.F.	134.00 S.F.	SEE LDC 10% WALL SURFACE	
2 NEW STORE FRONT BUILDING SIGN (RETAIL STORE SIDE)	1	60.00 S.F.	60.00 S.F.	SEE LDC 10% WALL SURFACE	
3 CANOPY SIGN	1	25.00 S.F.	75.00 S.F.	SEE LDC 10% WALL SURFACE	

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL 32563
Phone No. 775-880-1100

DESIGN TEAM TITLE:
MDM SERVICES INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33809
EB 4004857 Phone: (813) 835-1111

NO. DATE REVISION
This item has been digitally signed and sealed by Daimian D. Leslie, PE, No. 12345. Printed copies of this document are not considered signed and sealed and the signature must be verified on any e-copy.

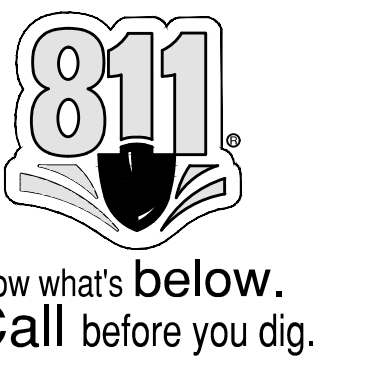
DAIMIAN D. LESLIE
FL REG #7311
6,625 S.F. BUILD

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVIS HWY.
PENSACOLA, FL 32504

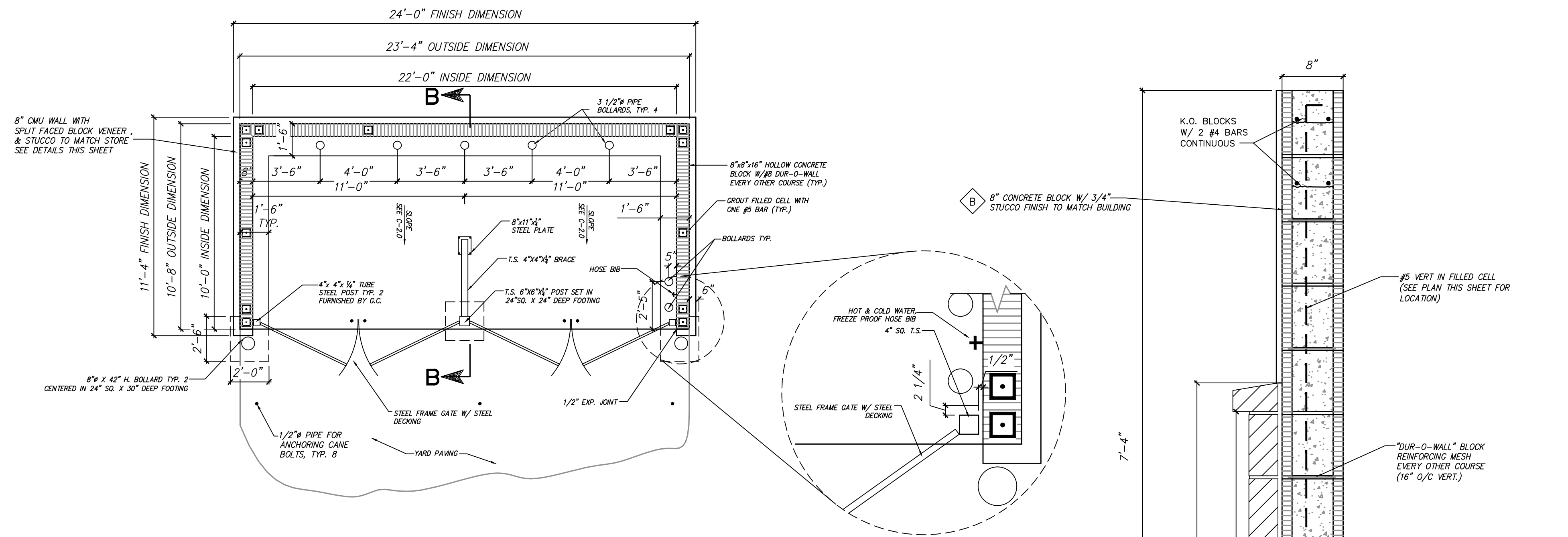
SCALE: AS NOTED
DATE: 11-06-2020
DESIGNED BY:
DRAWN BY: SLO/DBB
CHECKED BY: 18012C/JWG

DRAWING TITLE:
SITE SIGNAGE PLAN

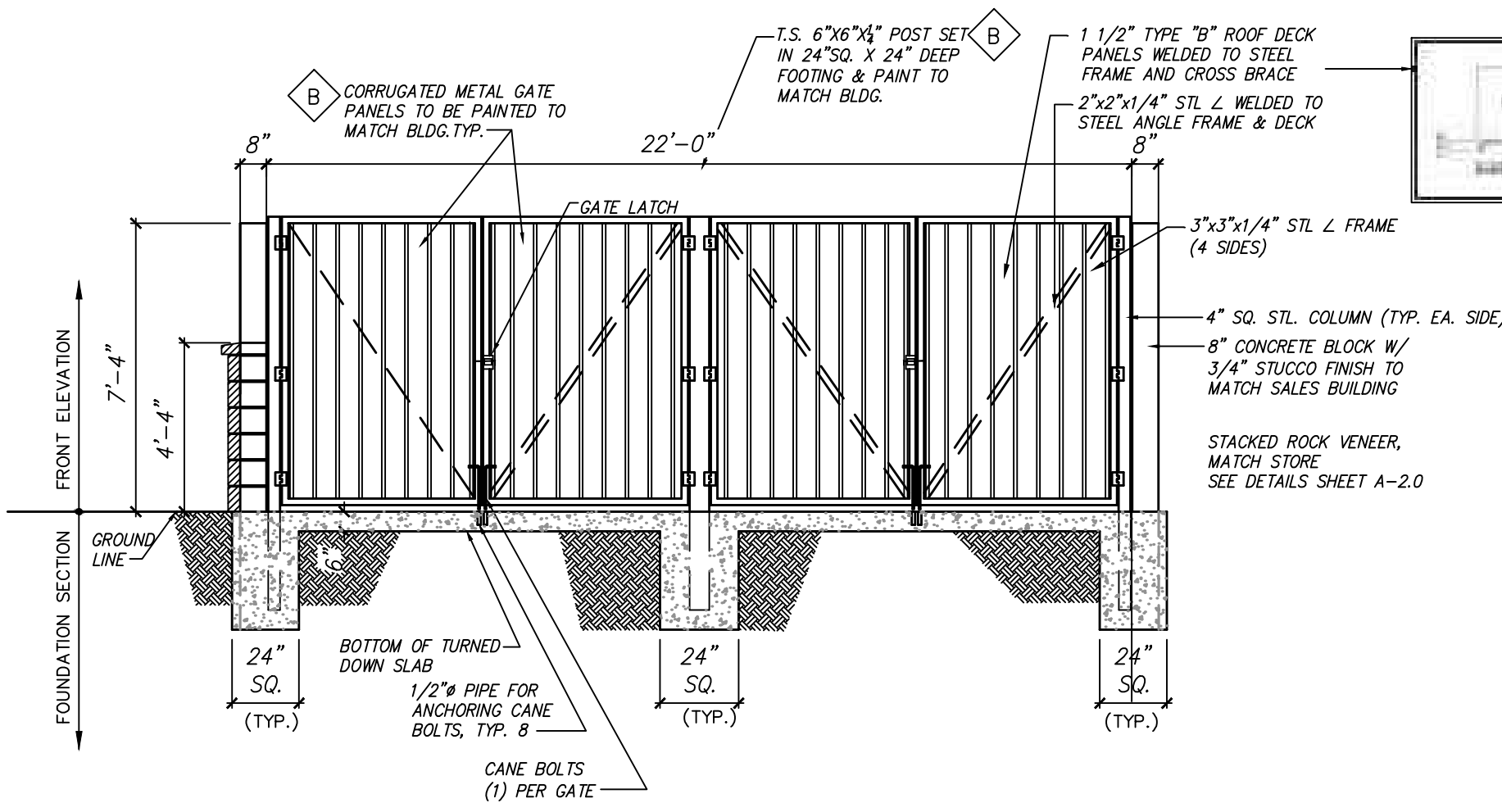
SHEET NO.:
SG-SP



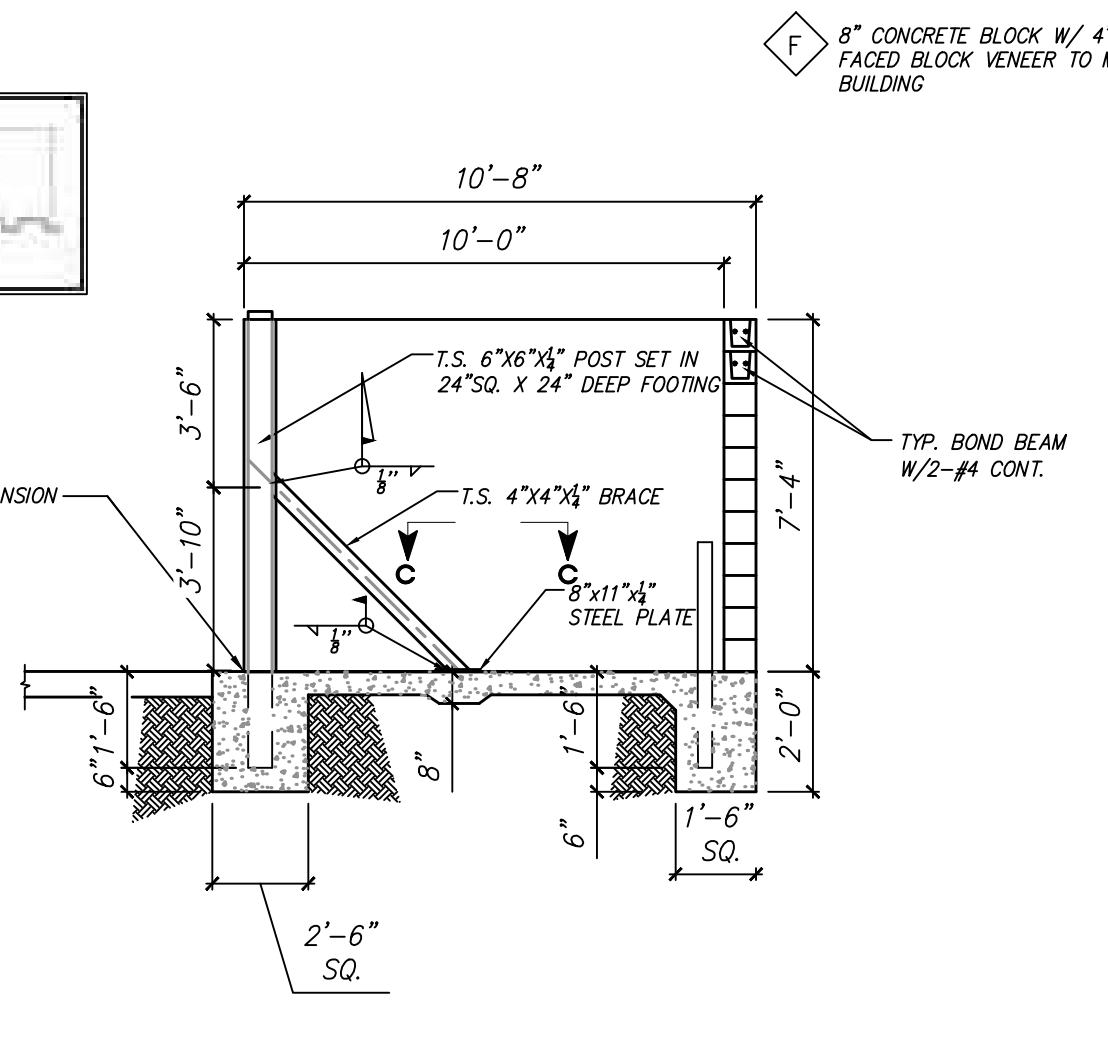
ISSUED FOR BID 03/08/2024



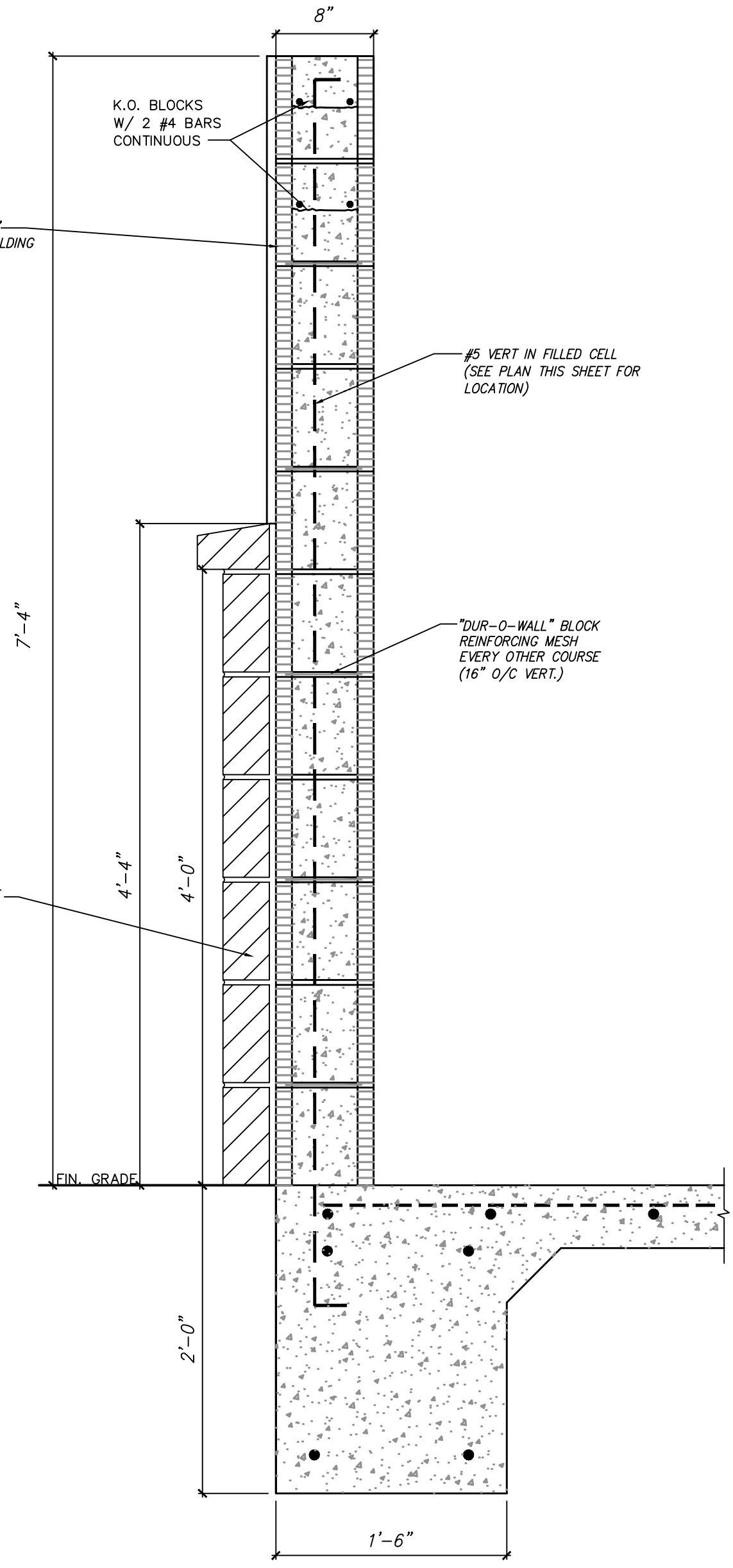
TRASH ENCLOSURE PLAN
SCALE: 1/4" = 1'-0"



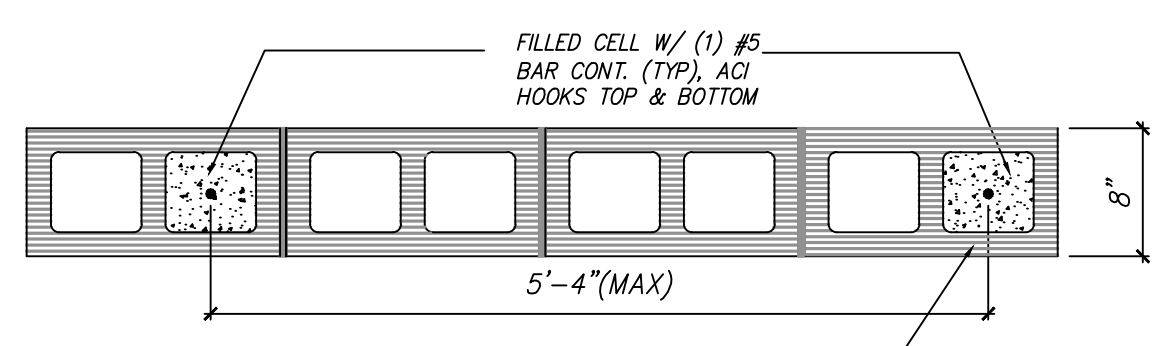
TRASH ENCLOSURE - GATE ELEVATION
SCALE: 1/4" = 1'-0"



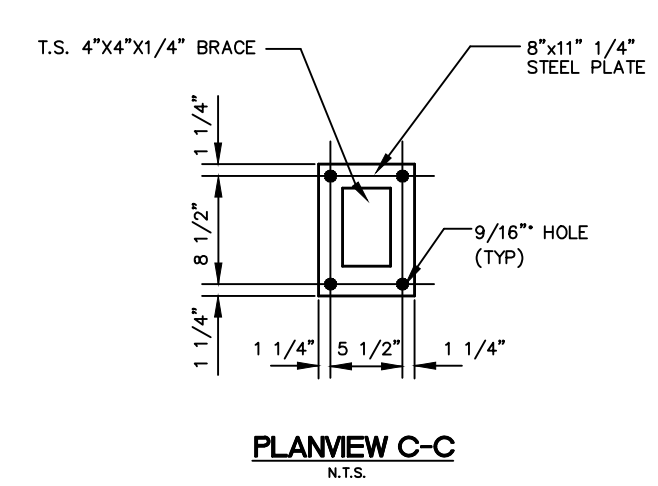
SECTION B-B
SCALE: 1/4" = 1'-0"



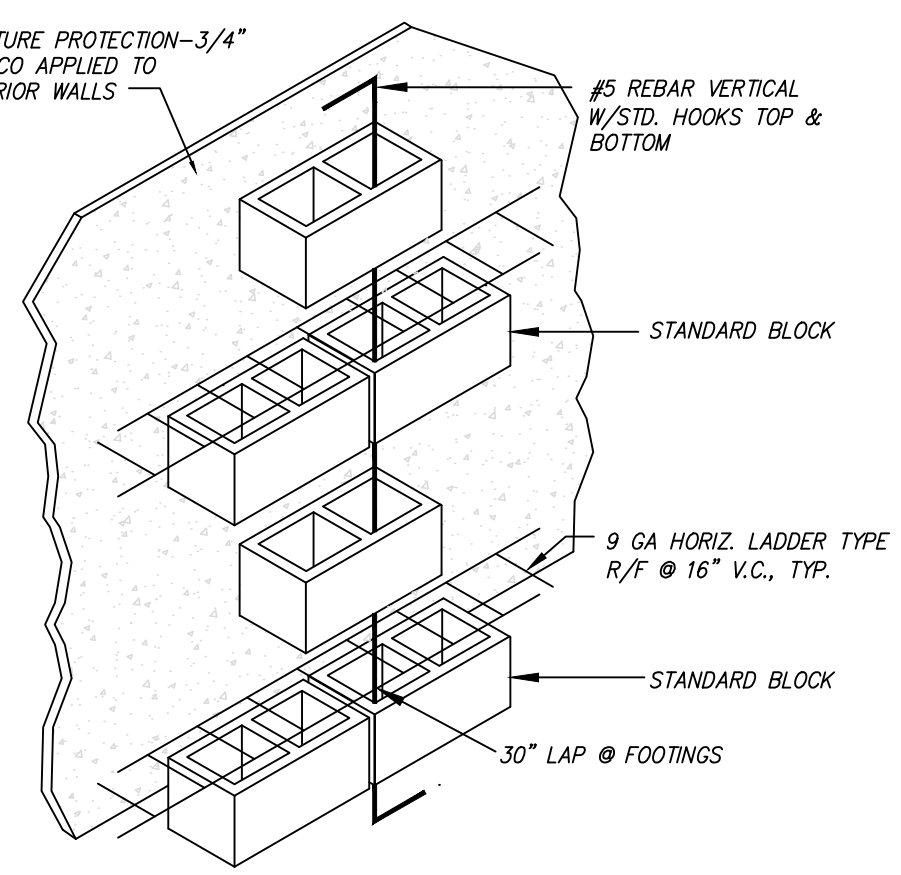
TRASH ENCLOSURE WALL



TYPICAL FILLED CELL DETAIL
SCALE: N.T.S.



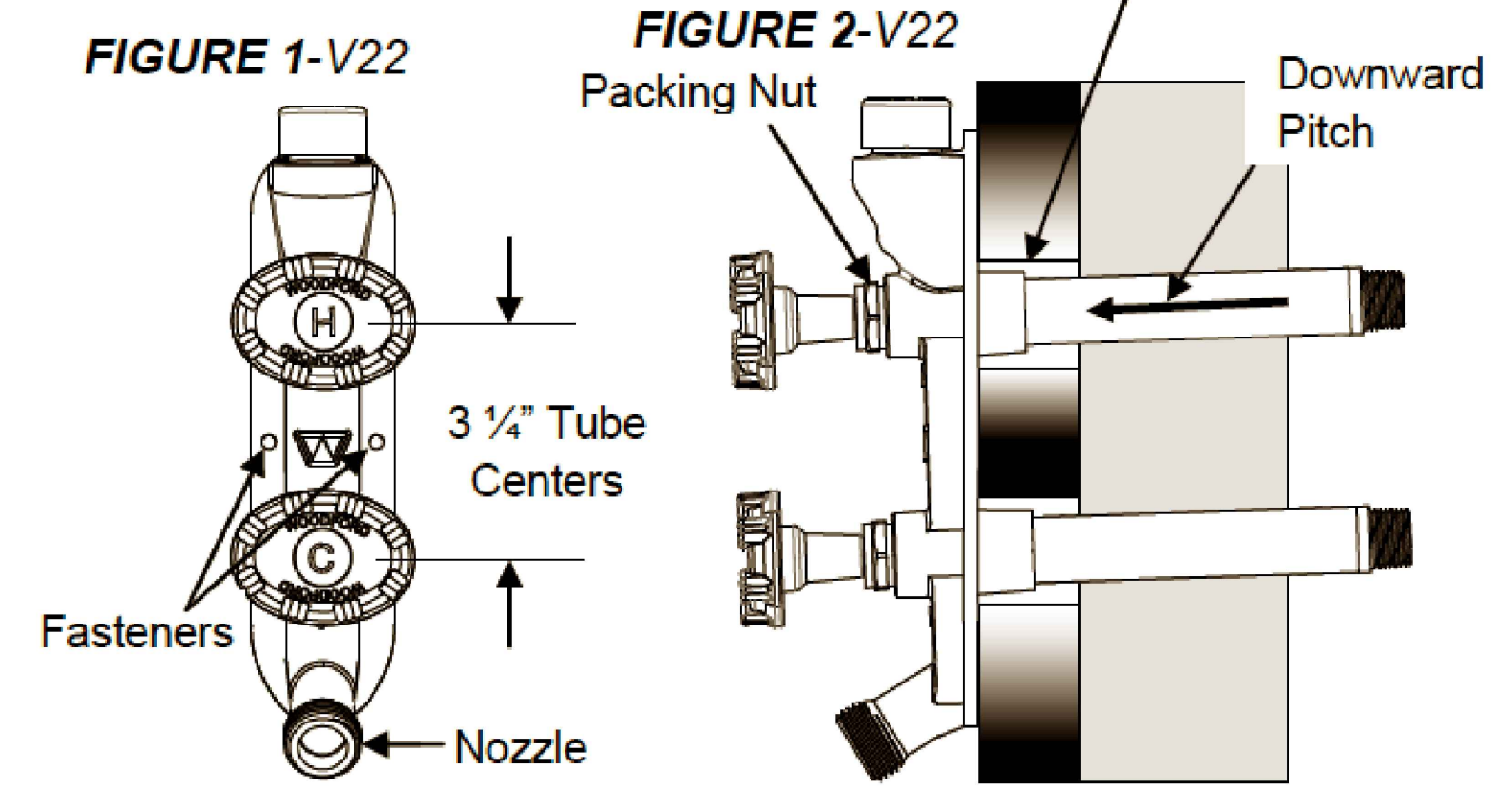
PLANVIEW C-C
N.T.S.



CMU WALL, REINF., AND MOIST. PROTECTION
SCALE: N.T.S.

- CONCRETE:**
- All concrete shall be controlled concrete complying with all ACI 318-8, and shall have a minimum ultimate compressive strength at 28 days of 4,000 p.s.i. Provide 3/4" chamfer at all exposed concrete edges.
 - All reinforcing bars shall be new billet steel, deformed type, ASTM A-615 Grade 60 (or equal). They shall be field wired in place.
 - All slabs on earth shall be reinforced with welded wire mesh (ASTM A185) or fiber mesh concrete as called for on the drawings, placed 1 1/2" from top and over any pipes or conduits in slab. Minimum lap shall be 8".
 - All concrete shall have a slump of no greater than 4" (to within a tolerance of 1".)
 - All formwork and placement of concrete shall comply with good construction practices and be in accordance with all local governing codes, and regulations.
 - Determine size & location of mechanical equipment and make provisions for bolts, sleeves, pads etc from manufacturers certified drawings. This work shall be coordinated with the trades involved.
 - Membrane curing & sealing compound shall conform to the latest ASTM specifications.
 - All concrete shall be moist cured a min. of 7 days

- ENGINEERED UNIT MASONRY:**
- Concrete Masonry Units: Shall be two cell, Type N-i hollow units masonry in accordance with ASTM C 90 and shall have a minimum net area compressive strength of 1000 psi when using Type S mortar (ASTM C 270) to provide a design compressive strength (f'm) of 1500 psi. The reinforcement shall be Grade 60 and identified in accordance with ASTM A 615.
 - Grout: The grout shall have a maximum coarse aggregate size of 3/8 inch placed at an 8 to 11 inch slump and have a minimum specified compressive strength of 2000 psi at 28 days when tested in accordance with ASTM C 1019, or shall be in accordance with ASTM C 476.
 - Reinforcement Splices: Shall be a minimum of 30 inches for # 5 bars.
 - Reinforcement Substitutions: Where two #5 bars are required within the same grouted masonry cell or bond beam, one #7 bar may be substituted.
 - Bending Reinforcement: All reinforcement shall be bent cold, in the shop or in the field, provided the bend diameter, measured on the inside of the bar, is not less than six-bar diameters. Reinforcement partially embedded in concrete shall not be field bent. EXCEPTION: If bending is necessary to align dowel bars with a vertical cell, bars partially embedded in concrete shall be permitted to be bent at a slope of not more than 1 inch of horizontal displacement to 6 inches of vertical bar length.
 - Masonry Cleanouts: Cleanout openings (12 sq. in.) shall be provided for cells containing spliced reinforcement when the grout lift (pour) exceeds 5 feet in height.



FREEZELESS HOT + COLD HOSE BIB DETAIL
N.T.S. MANUFACTURER: WOODFORD MODEL NO: V22

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33850
EB 8004857 Phone: (883) 611-1150

NO.	DATE	REVISION DESCRIPTION

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DAIMIAN D. LESLIE, P.E.
FL. REG #73113
6,625 SQ. FT. BUILDING

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVID HWY.
PENSACOLA, FLORIDA

SCALE: 1/4" = 1'-0" MDM JOB # 18012
DATE: 11-06-2020
DESIGNED BY:
DRAWN BY: SLO/DBB FILE NAME: 18012.DWG
CHECKED BY: 18012.DWG

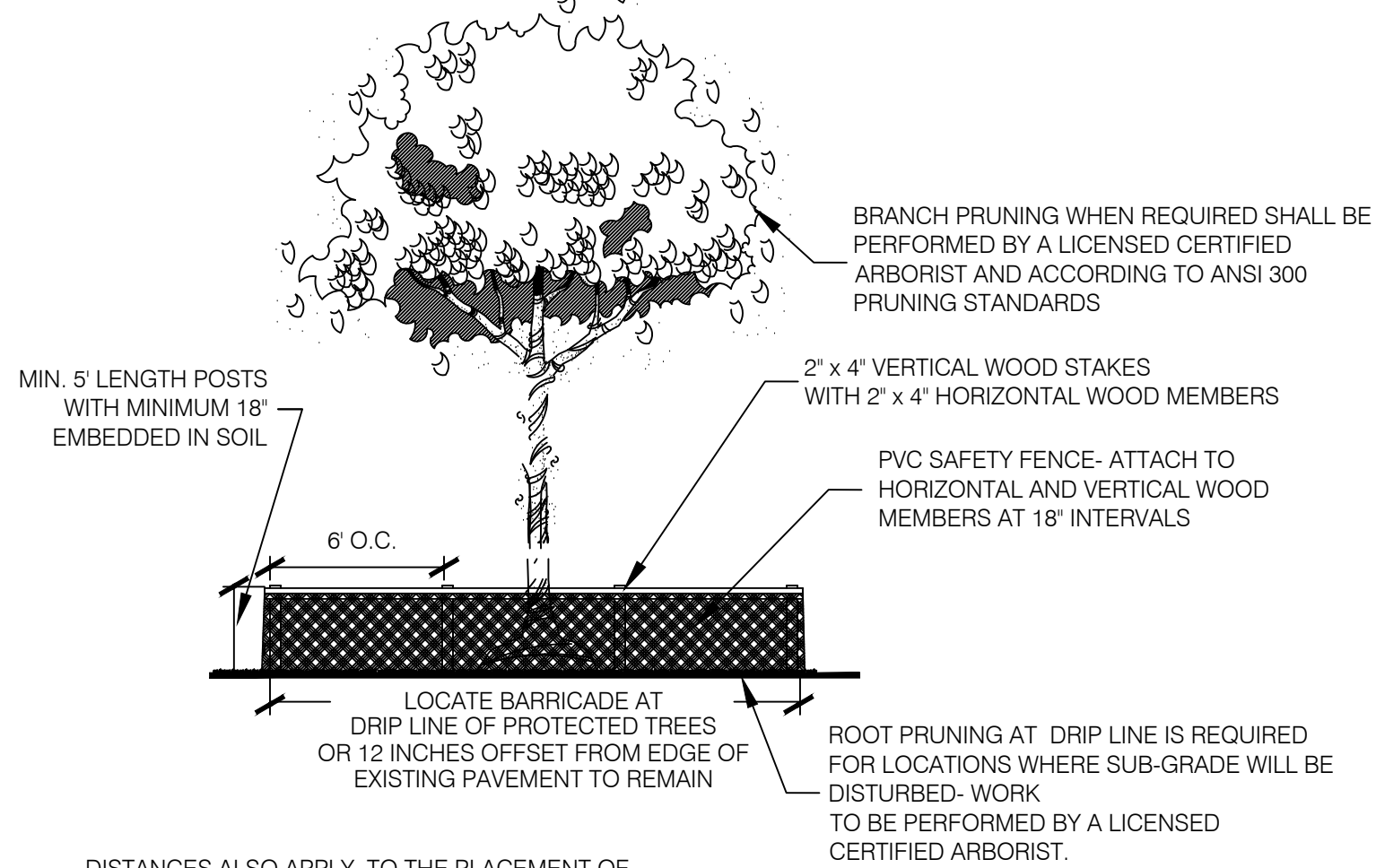
DRAWING TITLE:
TRASH ENCL. DETAILS

SHEET NO.:
TE1.0



ISSUED FOR BID 03/08/2024

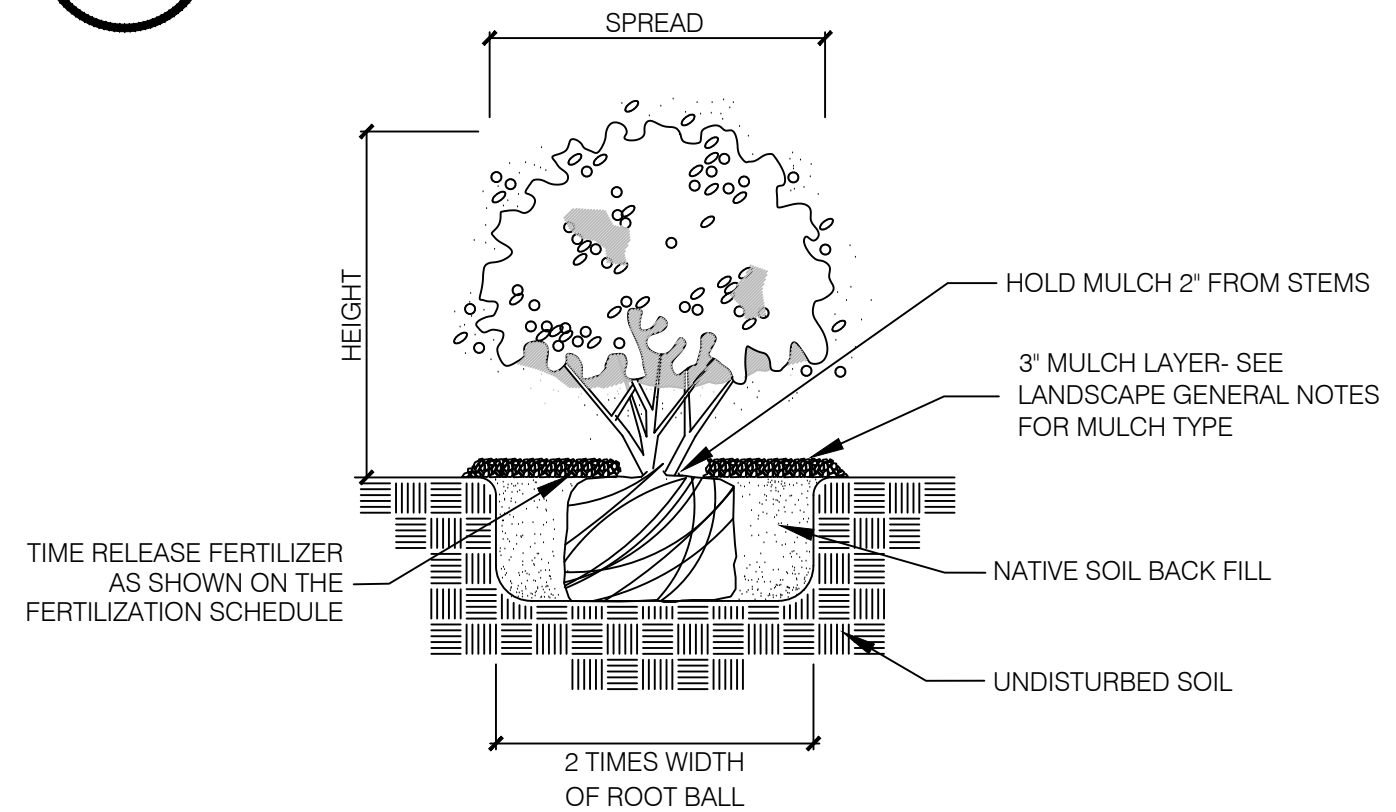
INSTALL TREE BARRICADES PRIOR TO SITE CLEARING



DISTANCES ALSO APPLY TO THE PLACEMENT OF UNDERGROUND UTILITIES. UTILITIES WITHIN TREE PROTECTION BARRICADES TO BE INSTALLED VIA SUBSURFACE BORING

1 TREE PROTECTION DETAIL

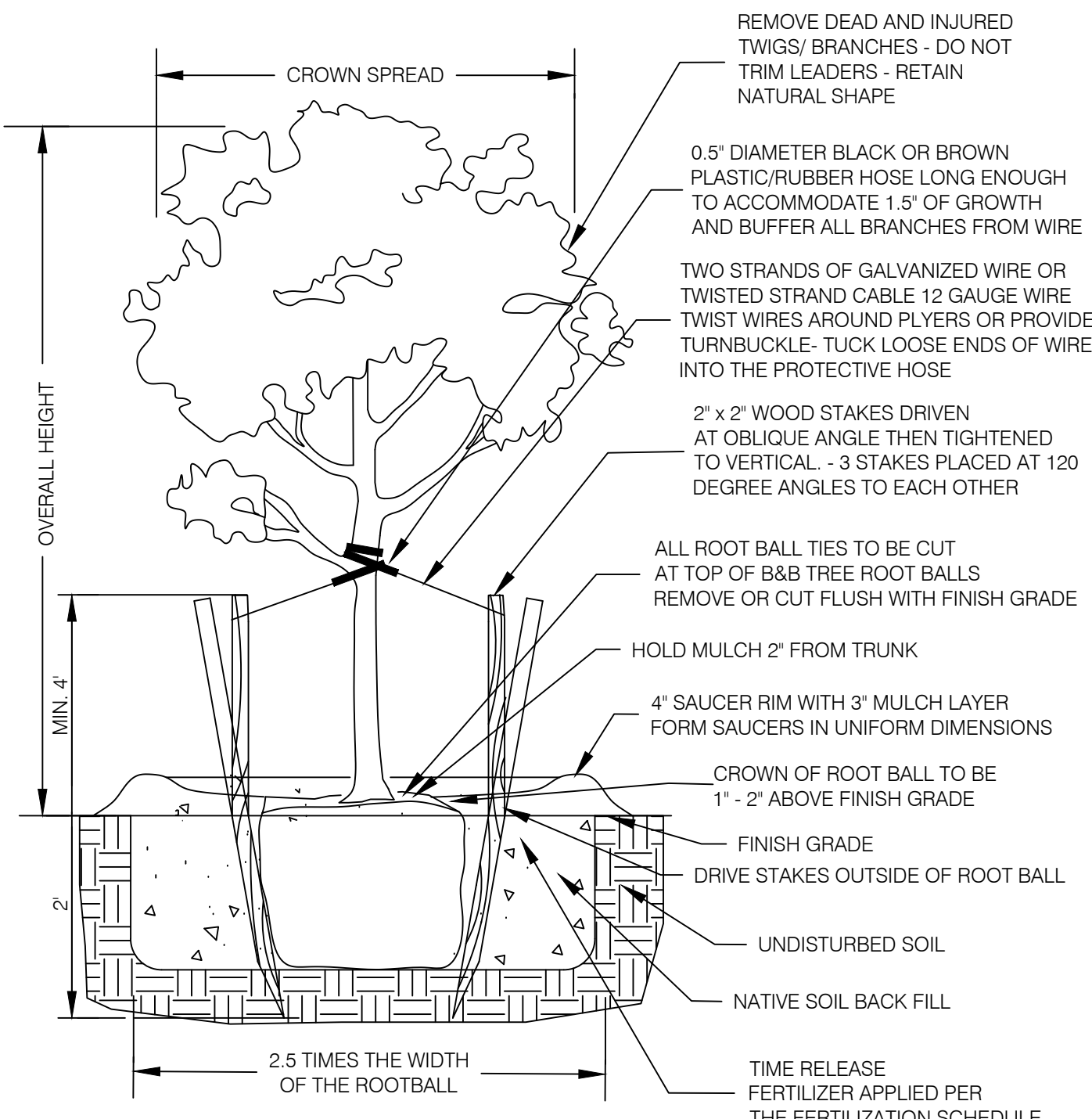
LS1 NOT TO SCALE



2 SHRUB & GROUND COVER PLANTING DETAIL

LS2 NOT TO SCALE

- NOTES:
1. STAKING DETAIL ONLY FOR TREES WITH LESS THAN 3" CALIPER MEASUREMENTS. SEE ALTERNATE STAKING DETAIL FOR TREES 3 INCH OR GREATER CALIPER (LARGE TREE PLANTING/STAKING).
 2. OTHER TREE STAKING SYSTEMS MAY BE ACCEPTABLE IF APPROVED BY THE LANDSCAPE ARCHITECT (727) 343-1809.
 3. LANDSCAPE CONTRACTOR SHALL REMOVE STAKING AND GUYING MATERIALS AFTER ONE YEAR.



4 SMALL TREE PLANTING DETAIL (<3" CALIPER)

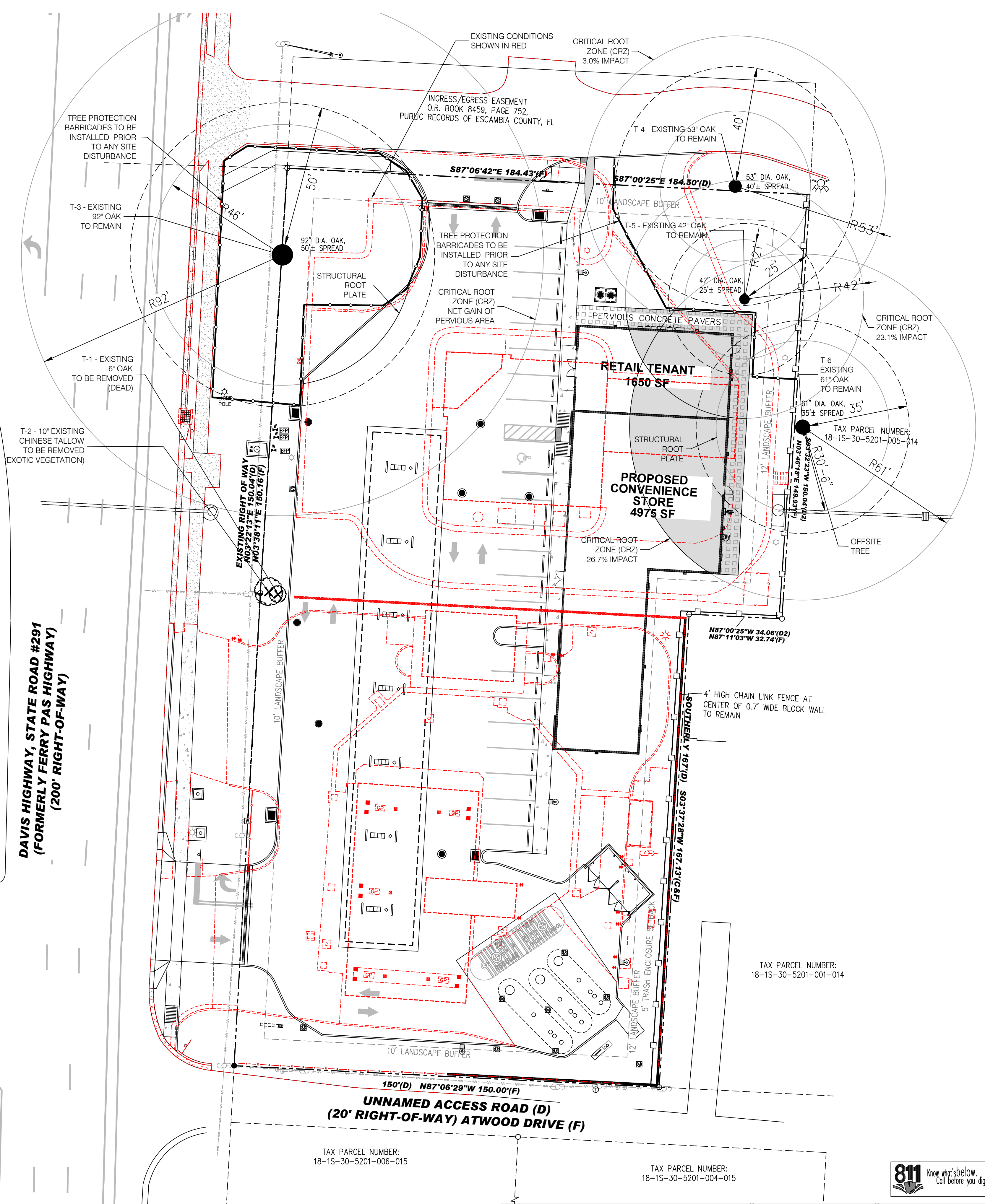
LS2 NOT TO SCALE

TREE PRESERVATION NOTES

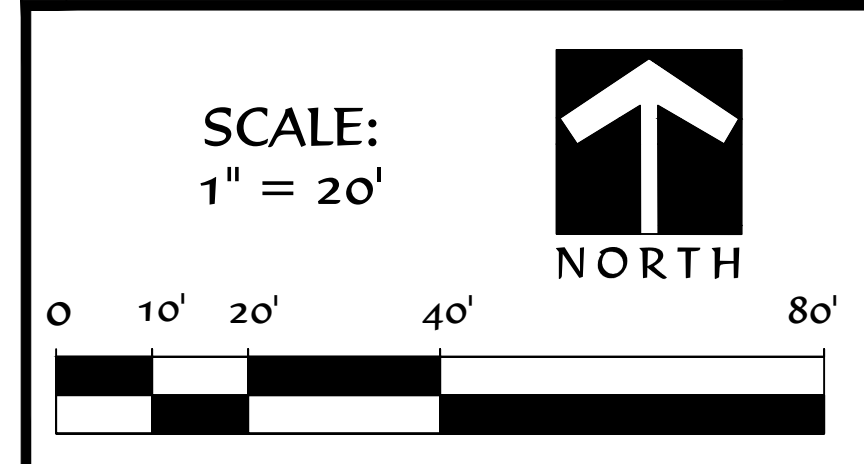
TREE PROTECTION BARRIER TO BE ERCTED ALONG THE SOUTHERN PROPERTY LINE 1' INSIDE THE CHAIN LINK FENCE. THE EXISTING RETAINING WALL AT THE EAST PROPERTY LINES WILL SERVE AS THE TREE PROTECTION BARRIER FOR OFF-SITE TREES.

ALL ADEQUATE TREE PROTECTION MEASURES AND BARRICADES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE AND MAINTAINED IN GOOD WORKING ORDER UNTIL PROJECT IS COMPLETE AND SITE BECOMES STABILIZED.

PROTECTED TREES SHALL REMAIN ONSITE AND ANY DEMO WORK, LAND CLEARING, LAND DISTURBING ACTIVITIES, INCLUDING THE PLACEMENT OF FILL/ FILL MATERIALS, GRADING, EXCAVATING, ETC. SHALL NOT OCCUR UNTIL SUCH TIME AS APPROPRIATE PERMIT(S) ARE ISSUED FOR THE PROPOSED SITE WORK.



TREE INVENTORY AND ASSESSMENT						
TREE NUMBER	BOTANICAL NAME	COMMON NAME	D.B.H.	PROTECTION STATUS	PROTECTION PROPOSED	REMOVAL MITIGATION
T-1	TRIADICA SEBIFERA	CHINESE TALLOW	10"	NON-PROTECTED TREE TO BE REMOVED	NONE - REMOVAL	0
T-2	QUERCUS VIRGINIANA	LIVE OAK	6"	DEAD TREE TO BE REMOVED	NONE - REMOVAL	0
T-3	QUERCUS VIRGINIANA	LIVE OAK	92"	PROTECTED TREE TO BE PRESERVED	TREE PROTECTION BARRICADE	0
T-4	QUERCUS VIRGINIANA	LIVE OAK	53"	PROTECTED TREE TO BE PRESERVED	TREE PROTECTION BARRICADE	0
T-5	QUERCUS VIRGINIANA	LIVE OAK	42"	PROTECTED TREE TO BE PRESERVED	TREE PROTECTION BARRICADE	0
T-6	QUERCUS VIRGINIANA	LIVE OAK	61"	PROTECTED TREE TO BE PRESERVED - OFFSITE	TREE PROTECTION BARRICADE	0
TOTAL D.B.H. INCHES OF PROTECTED TREES REMOVED FROM SITE = 0"						STANDARD MITIGATION CALCULATION: 0" x 0.5 = 0"



JACOB ZIMMERMAN, RLA
REG. NO. FL LA 0001653
LANDSCAPE ARCHITECT

LA0001653
STATE OF FLORIDA

REVISIONS:

1. 11/8/21 COUNTY REVIEW COMMENTS
2. 8/2/23 COUNTY REVIEW COMMENTS
3. 9/5/23 EXTEND LANDSCAPE BUFFER ALONG ATWOOD DRIVE PARCEL
- 4.

DRAWN BY: [Signature]
DATE: 11/8/21

2024

TREE PRESERVATION PLAN
LS1

HEARTWOOD AND BARK, INC.
LANDSCAPE ARCHITECTURE & URBAN DESIGN
1101 S. ... St. Petersburg, FL 33701
(727) 343-1809
www.heartwoodandbark.com
License Number: LC26000925

ISSUED FOR BID 03/08/2024

ALT PENSAICOILA INC.
3223 PORT DAVIDS BLVD
PENSACOLA FLORIDA
ESCAMBIA COUNTY

IRRIGATION SYSTEM

1. An automatic irrigation system is proposed for this site.
2. All proposed trees are to have a spray bubbler(s) at each tree location. The spray bubblers are to be operated on a separate zone valve from the other areas being irrigated.
3. The proposed irrigation system shall have separate zones for plant material with high or low water use requirements.

GENERAL LANDSCAPE NOTES

1. All plant material to be Florida #1 or better quality, as specified in the current edition of the FDACS Grades and Standards for Nursery Stock.
2. Tree caliper measurements shall be taken at six (6) inches above natural grade. Measurements for trees over four (4) inches of caliper shall be taken at twelve (12) inches above natural grade. Diameter/breast height (DBH) measurements to be taken at 4.5 feet above natural grade.
3. The Plant Material Schedule included with the Plans is provided only for the landscape contractor's convenience; it shall not be construed as to conflict or predominate over the Plans.
4. In the event of discrepancies in the quantities shown on the Plant Material Schedule/Bid Form and those shown on the Plans, the landscape contractor shall bid the quantity shown on the Plant Material Schedule/Bid Form and provide a note as to the quantity shown on the Plans.
5. If a conflict between the Plans and the Specifications exists, the Plans shall predominate and be considered the controlling document.
6. Landscape contractor shall provide documentation of plant variety when specified. Plants specified by Genus and Species alone shall not require documentation.
7. All materials shall be installed as specified on the Plans. If material and labor do not adhere to the Details and Specifications, they will be rejected by the Landscape Architect. Rejected materials will be replaced by the landscape contractor at no additional cost.
8. All necessary permits are to be provided by the installing contractor for work shown on the Plans (unless otherwise specifically stated in the Specifications or Bid Documents).
9. The landscape contractor shall be responsible for verification and protection of all underground and overhead utilities. Plant material shown on the Plans that conflict with the utilities shall be brought to the attention of the Landscape Architect prior to installation.
10. The General Contractor shall provide site grading to within 0.1 foot of finish grade. The landscape contractor shall provide fine grading to produce a positive drainage condition on the site. Surface water shall be directed to engineered drainage structures/swales with smooth grading transitions. Debris larger than 1.5 inches shall be removed from surface of landscape beds and sodded areas.
11. All plant material shall be installed and maintained in the highest standard of workmanship and in accordance with the Details and Specifications. Plant material shall be maintained by the landscape contractor until Final Acceptance is granted by the Owner.
12. All B&B trees shall have strings, twine or rope removed from the top of the basket. All flagging tape, identification tags, and other objects shall be removed from the plant material prior to calling for a Substantial Completion inspection.
13. **Mulch shall be Pine Bark mini-nuggets. Sod shall be St. Augustine Floratam.**
14. The landscape contractor shall remove existing vegetation necessary to complete the work shown on the plans. Use of herbicide shall be in accordance to manufacturers' recommendations and supervised by licensed applicators. The landscape contractor is solely responsible for the means to remove existing vegetation and responsible to ensure that re-growth does not occur.
15. The landscape contractor shall keep a neat and orderly job site. Paved surfaces necessary for egress shall be kept clear of debris. Debris generated by the work shown on the Plans shall be removed from the site.
16. The landscape contractor shall provide a replacement warranty for trees of one year's duration and shrub/groundcover for three months duration from Final Acceptance.
17. Sod shall be laid with tight joints. Sodded areas shall be rolled within three days after installation. Landscape contractor shall apply proper irrigation water quantities prior to rolling to insure proper soil/root contact but not produce indentations from pedestrians.
18. All questions concerning the Plans, Details, or Specifications shall be directed to the Landscape Architect, (727-343-1809).

FERTILIZATION SCHEDULE

1. All plant material shall be fertilized upon installation but prior to mulching. Plant material adjacent to open bodies of water shall be mulched immediately following fertilization to reduce translocation of the granules.
2. Fertilizer shall be Scotts Osmocote 'Classic' 19-6-12 in the twelve (12) month release formulation. Contractor may use the Standard or Lo-Start mixes depending on the level of existing fertilizer from plant nursery applications.
3. Each containerized plant shall receive fertilization at the rates shown for each container size. One (1) cup equals two hundred eighty (280) grams of Scotts Osmocote 'Classic' 19-6-12 fertilizer.

1 Gallon Container	15 plants per cup
3 Gallon Container	1/4 cup
7 Gallon Container	1/2 cup
15 Gallon Container	3/4 cup
25 Gallon Container	1-1/2 cups
30 Gallon Container	1-3/4 cups
45 Gallon Container	2-1/4 cups
65 Gallon Container	2-1/4 cups
100 Gallon Container	3 cups
4. Each balled and burlapped plant shall receive one half (0.5) cup of Scotts Osmocote 'Classic' 19-6-12 in the twelve (12) month release formulation for every caliper inch of trunk. One (1) cup equals two hundred eighty (280) grams of Osmocote 'Classic' 19-6-12 fertilizer.
5. Scotts Osmocote 'Classic' 19-6-12 in the twelve (12) month release formulation shall be applied to sodded or seeded areas at a rate of ten (10) pounds per one thousand (1000) square feet.
6. Scotts Osmocote 'Plus' 15-9-12 in the twelve (12) month release formulation shall be applied to palms at a rate of five (5) cups per one hundred (100) square feet of palm canopy. One (1) cup equals two hundred fifty (250) grams of Osmocote 'Plus' 15-9-12 fertilizer. If dripline of palm extends into lawn or other shrub/groundcover areas, the palm fertilizer shall be the only fertilizer applied to the area under the dripline of the palm.

OPTIONAL FERTILIZATION TECHNIQUES

1. The Contractor may substitute Scotts Agriform 20-10-5 Planting Tablets Plus Minors for fertilization of trees, and large containers. The application rate shall be three (3) twenty-one (21) gram tablets per inch of caliper. Use Manufacturer's recommendations for palm fertilizer tablet application rate. Contractor shall notify Landscape Architect of the election to use fertilizer tablets prior to substantial completion inspection.
2. Sodded or seeded areas over one half (0.5) acre may be fertilized (at contractor's choice) with a quick release granular fertilizer with the formulation that delivers three and one half (3.5) pounds of nitrogen, one half (0.5) pound of phosphate and one and one half (1.5) pounds of potash per one thousand (1000) square feet.
3. Palms may be fertilized (at contractor's choice) with Florikan 8-2-12 Plus Magnesium under entire drip line of palm. The application rate to be fifteen (15) pounds per one thousand (1000) square feet.

LANDSCAPE CODE REQUIREMENTS

BUFFER YARDS

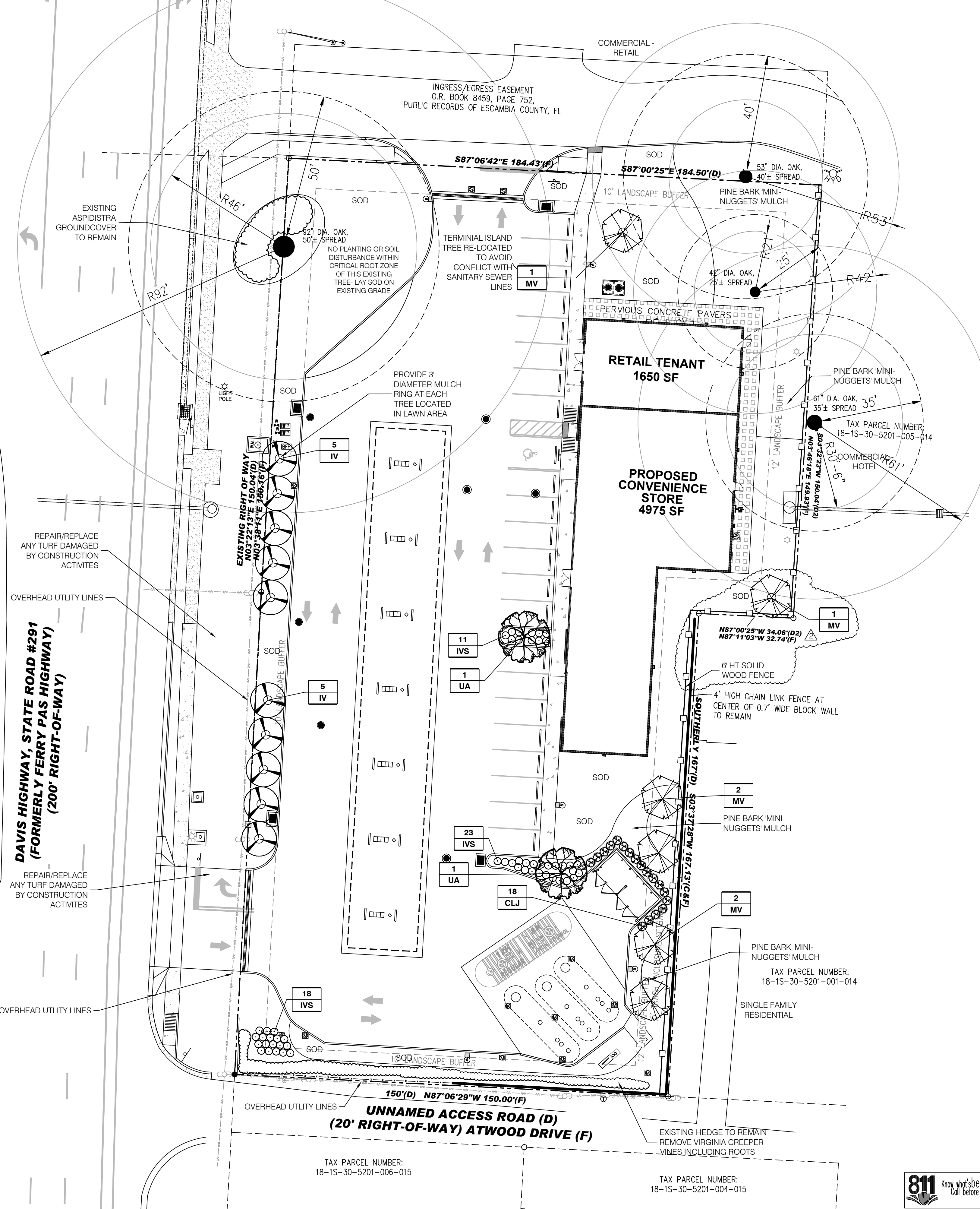
WEST BUFFER TO RIGHT-OF-WAY: 317 LINEAR FT. LENGTH
10' WIDE BUFFER
1 TREE/35 LINEAR FT. OF BUFFER = 10 TREES REQUIRED
TREES PROVIDED: (10) YAUPON HOLLY (OVERHEAD UTILITY LINES)

EAST BUFFER TO RESIDENTIAL PARCEL (HOTEL NOT INCLUDED): 201 LINEAR FT. LENGTH
12' WIDE TYPE 'A' BUFFER WITH 6 HT. SOLID FENCE AS SCREENING ELEMENT
1 TREE/50 LINEAR FT. OF BUFFER = 5 TREES REQUIRED
TREES PROVIDED: (5) SWEETBAY MAGNOLIA

VUA TERMINAL ISLAND TREES: (2) WINGED ELM, (1) SWEETBAY MAGNOLIA

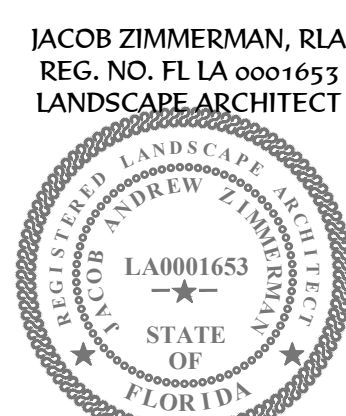
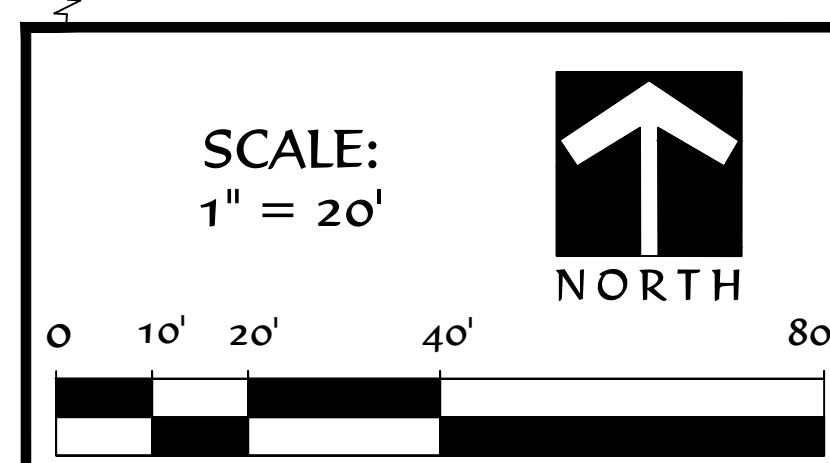
TREE MITIGATION

NO MITIGATION REQUIRED



CODE	QTY	BOTANICAL NAME	COMMON NAME	SPECIFICATION	SPACING	NATIVE
CLJ	18	CLEYERA JAPONICA	CLEYERA	3 GAL., 18" HT. X 18" SPD., FULL	3' O.C.	NO
IVS	52	ILEX VOMITORIA 'NANA'	DWARF YAUPON HOLLY	3 GAL., 15" SPD.	2.5' O.C.	YES
IV	10	ILEX VOMITORIA	YAUPON HOLLY	2.5" CAL., 12' HT. X 5' SPD., SINGLE TRUNK	AS SHOWN	YES
MLG	2	MAGNOLIA GRANDIFLORA 'LITTLE GEM'	LITTLE GEM MAGNOLIA	2.5" CAL., 12' HT. X 5' SPD.	AS SHOWN	YES
MV	6	MAGNOLIA VIRGINIANA 'MOONGLOW' OR 'GREENSHADOW'	MOONGLOW/ SWEET BAY MAGNOLIA	2.5" CAL., 12' HT. X 5' SPD.	AS SHOWN	YES
UA	1	ULMUS ALATA	WINGED ELM	2.5" CAL., 12' HT. X 5' SPD.	AS SHOWN	YES

100% NATIVE TREES
ANY SUBSTITUTIONS FOR CANOPY TREES IN THE CASE OF CONFIRMED NON-AVAILABILITY OF SPECIES SPECIFIED SHALL BE LIMITED TO THE NATIVE CANOPY TREES SHOWN ON THE ESCAMBIA COUNTY LIST OF ACCEPTABLE TREE SPECIES.
PLANT MATERIAL SIZES ARE TO BE CONSIDERED THE MINIMUM ACCEPTABLE PLANT SIZE. CONTRACTOR MAY SUBSTITUTE LARGER SIZES OF THE SAME SPECIES.



HEARTWOOD AND BANK
 ARCHITECTURE URBAN DESIGN
 1101 S. ... St. Petersburg, FL 33701
 (727) 343-1809
 License Number: LC26000925

ISSUED FOR BID 03/08/2024

ALT PENSACOLA INC.
 322 ...
 ESCAMBIA COUNTY
 ESCAMBIA COUNTY

REVISIONS:	DATE	DESCRIPTION
1.	11/8/21	COUNTY REVIEW COMMENTS
2.	8/2/23	COUNTY REVIEW COMMENTS
3.	9/5/23	EXTEND LANDSCAPE BUFFER ALONG ...
4.		

DRAWN BY: ...
 DATE: ...
20049
 LANDSCAPE PLAN
LS2

IRRIGATION LEGEND	
SYMBOL	SPECIFICATION
	HUNTER ICC2 IRRIGATION CONTROLLER 12C-800-PL (SEE GENERAL IRRIGATION NOTES FOR INSTRUCTIONS)
	HUNTER RAIN-CLICK - RAIN SENSOR
	WATER SOURCE: 1" POTABLE WATER METER
	BACKFLOW PREVENTION DEVICE
	HUNTER ICV 24 VOLT REMOTE CONTROL VALVE FILTER SENTRY ON WELL WATER SYSTEMS (SEE IRRIGATION ZONE TAG FOR VALVE SIZE)
	1.0" RAINBIRD KCZ-101-COM PESB-PRS-D VALVE WITH RAINBIRD 150 MESH BASKET FILTER
	POINT OF CONNECTION - PVC TO DRIP TUBING
	MAINLINE: 1 1/2" SCHEDULE 40 PVC
	LATERAL LINE: MINIMUM 160 PSI PVC (MINIMUM PIPE SIZE TO BE 3/4")
	RAIN BIRD #XFD-09-12 IN-LINE PRESSURE COMPENSATING DRIP TUBING (1.5 GPM/100' TUBING)
	SLEEVING: SCHEDULE 40 PVC (TWO NOMINAL SIZES LARGER THAN PIPE TO BE SLEEVED)
	STATION NUMBER: $\frac{GPM}{\#\#}$ VALVE SIZE: XX

6" POP-UP SPRAY HEADS WITH PLASTIC RISER	
SYMBOL	MODEL #
	Hunter PROS-06 10F - 1.59 GPM
	Hunter PROS-06 10H - 0.88 GPM
	Hunter PROS-06 10Q - 0.42 GPM
	Hunter PROS-06 15F - 3.75 GPM
	Hunter PROS-06 15H - 1.86 GPM
	Hunter PROS-06 15Q - 0.97 GPM
	Hunter PCB-101 Bubbler - 1.0 GPM

SPRAY ZONES TO BE OPERATED AT 30 PSI

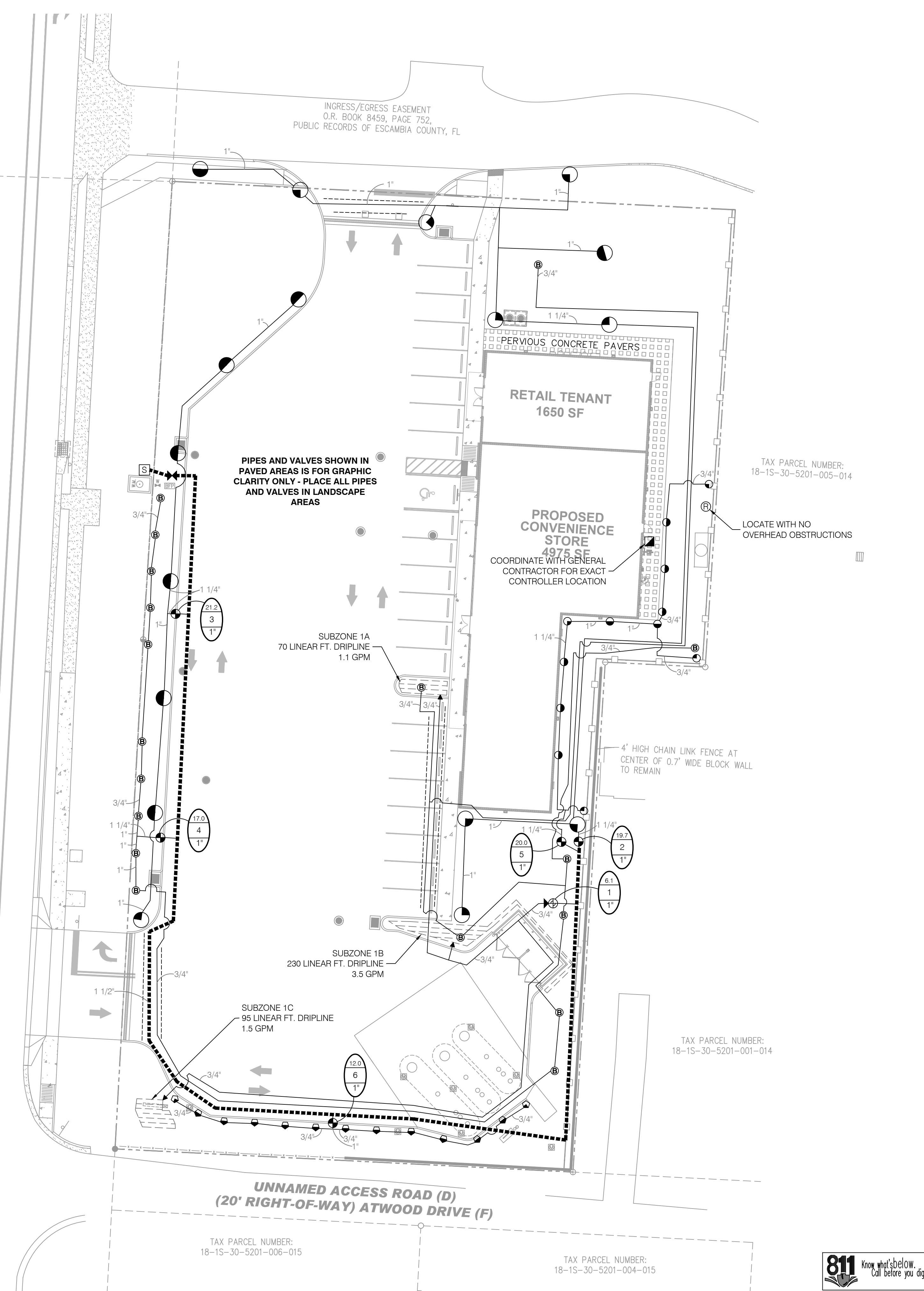
6" POP-UP ROTOR HEADS WITH STAINLESS STEEL RISER	
SYMBOL	MODEL #
40' O.C. SPACING WITH STANDARD NOZZLES	
	Hunter I-20-06-SS-36S-8.0 8.0 Nozzle 8.50 GPM
	Hunter I-20-06-SS-ADS-4.0 4.0 Nozzle 4.25 GPM
	Hunter I-20-06-SS-ADS-3.0 3.0 Nozzle 3.25 GPM
	Hunter I-20-06-SS-ADS-1.5 1.5 Nozzle 1.65 GPM

ROTOR ZONES TO BE OPERATED AT 50 PSI

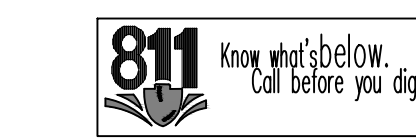
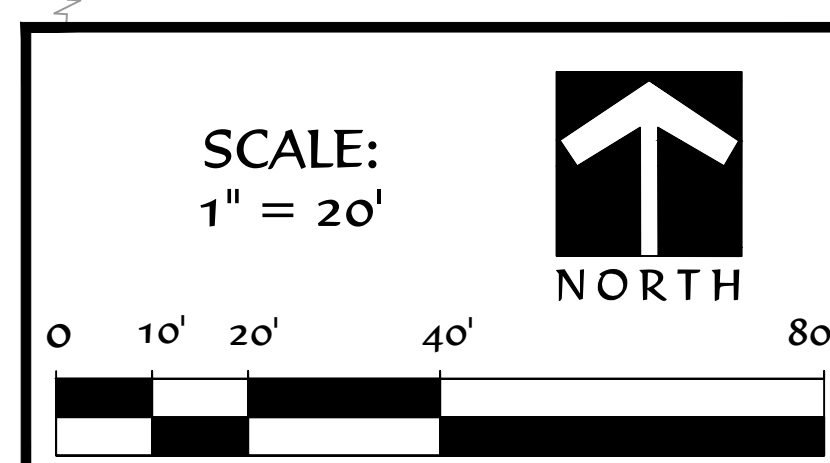
GENERAL IRRIGATION NOTES

- The Contractor shall provide a fully functional irrigation system as shown on the Plans. Irrigation heads shall provide 100% coverage of the area to be irrigated.
- The source of water for the irrigation system shall be: 1" POTABLE WATER METER
- The Contractor shall field verify the capability of the water source to deliver a minimum pressure (50 PSI) and volume (37 GPM) to operate the irrigation systems as designed. In the event of discrepancies contact the Landscape Architect prior to installation.
- All questions concerning the Plans, Details or Specifications shall be directed to the Landscape Architect, (727) 343-1809.
- All necessary permits (Including Right of Way Use Permit) are to be provided by the installing contractor for work shown on the Plans.
- All components of the proposed irrigation system shall meet the federal, state and local codes, regulations and ordinances concerning irrigation construction.
- In an effort to create graphic clarity, irrigation mainline, lateral line, valves and other components of the irrigation system may be shown in paved areas or inside buildings on the Plans. These components are to be installed in appropriate landscape areas to carry out the intent of the Plans.
- The Contractor shall be responsible for verification and protection of all underground and overhead utilities.
- The Contractor shall review the Landscape Plans prior to installing the irrigation system. Coordinate installation locations of pipes, valves and other equipment with the installation locations of trees and shrubs.
- As-Built drawings are to be provided by the Contractor. Drawings shall be on Owner furnished base plans in hard copy or electronic versions. Contractor shall note all deviations from the Irrigation Plans as noted in Section 32.8423 of the Specifications.
- Mainline is to be installed with a minimum of 18" depth of cover, and lateral lines are to be installed with a minimum of 12" depth of cover.
- Sleeving is to be provided by the Contractor (unless otherwise specifically stated in the Specifications or Bid Documents).
- The Contractor shall provide operating maintenance instructions and operation manuals to the Owner prior to acceptance of the project.
- Owner shall provide 110 Volt power to the controller location. Electrical connection from power source to control clock is to be provided by the Contractor (unless otherwise specifically stated in the Specifications or Bid Documents). Contractor shall coordinate installation location of control clock with Owner or Owner's Representative.
- When the irrigation system Source is a proposed well, the well and pump locations shall be coordinated with the Owner or Owner's Representative prior to installation. The Owner shall provide power to the pump location. Contractor shall coordinate voltage and phase of available power with the local electrical utility and the Owner prior to ordering of the pump. Contractor shall coordinate pump ordering lag time with the irrigation and landscape work schedules to ensure timely supply of water to the project site.
- Contractor shall install an inline 120VAC-15A lightning surge protector between the power source and the controller. Ground each controller to a 5/8" x 8' copper clad ground rod with AWG #6 bare solid copper wire. A proper ground shall have 10 ohms or less resistance to earth. Use of multiple ground rods may be necessary to achieve the desired resistance reading.
- Contractor shall label location and head type for each zone in the irrigation system on the inside of the controller door. Suggested zone run time shall be indicated. All zone valves shall have permanent (plastic or metal) tags attached to the valve corresponding to the number of the zone on the controller.
- Control Clocks shall be programmed to include a watering schedule that provides 1" of water per week during the months April to November and provides 1" of water every two weeks during the months December to March. The zone run time shall be sequenced for the local watering restrictions as Program A. Program B shall be set as the water establishment period watering schedule in cooperation with the Landscape Contractor.
- The rain shut-off device shall be installed to meet local codes. Contractor shall locate device so that obstructions do not alter the accurate monitoring of rainfall at the project site. All wiring to the device shall be enclosed in 1/2" PVC electrical conduit.
- 12" pop-up spray (or rotor) heads shall be installed in all groundcover beds and masses of shrubs not exceeding 22 inches height.
- 6" pop-up spray heads shall be installed in all turf areas. Rotor heads in turf areas to be 6" pop-ups with the exception of Hunter PGP Series (4").
- All Hunter PGJ and PGP Rotor and Spray heads shall have heavy walled PVC IPS flex pipe for the connection between lateral line and each head. Provide adequate slack for minor head adjustment. All Hunter I-20 Rotor heads shall have rigid PVC swing joints. See Details for Shrub Riser and 12" pop-up head applications.
- The Contractor shall adjust all heads to provide optimum coverage and minimize overthrow onto paved surfaces. Adjustable nozzles shall be used in areas where fixed spray patterns will result in overthrow onto paved surfaces. Adjust pressure regulating valves to prevent misting from heads.
- Valve boxes shall be sized to accommodate installation and maintenance of zone valve(s). The valve box shall have a 3" deep layer of 1/2" diameter gravel as a sump installed 2" below the bottom of the valve. Valve boxes shall be installed so that the top of the box is no more than 1.5 inch above finish grade and set parallel to the surrounding grade.
- All 24 Volt control wiring shall be UL Listed, single strand, Type UF 600 Volt control cable. Common wires to be white, AWG #12 or larger wire. Hot wires to be red, AWG #14 or larger wire. Spare wires to be any color wire except green, red or white, AWG #14 or larger wire.
- All splices to the 24 Volt control wiring shall be made with King Technology (King 6) silicone filled safety connectors.
- Shrub risers shall only be installed in hedges or mass plantings abutting vertical walls or objects and not extend more than 6' above the height of the shrubs. In no case shall risers be installed directly adjacent to curbs, sidewalks or other vehicular access ways. If risers are to be used in hedges abutting parking areas without concrete wheel stops, they must be placed a minimum of 30 inches away from the edge of pavement to protect the riser from damage by vehicular overhang. All risers are to be painted black.
- Mainline piping shall have thrust blocks sized and placed in accordance with the pipe manufacturer's recommendations. Thrust blocks shall be installed at all changes in direction, reduction in pipe size, and end caps on the Mainline.
- Irrigation Systems designed with Reclaimed Water as the Source shall include purple marking caps for all valve boxes, valves, quick couplers, hose bibs and spray or rotor heads. Rainbird PESBR-PRS-D zone valves with self cleaning scrubber shall be used on all systems connected to Reclaimed Water.

DAVIS HIGHWAY, STATE ROAD #291
(FORMERLY FERRY PAS HIGHWAY)
(200' RIGHT-OF-WAY)



UNNAMED ACCESS ROAD (D)
(20' RIGHT-OF-WAY) ATWOOD DRIVE (F)



JACOB ZIMMERMAN, RLA
REG. NO. FL LA 0001653
LANDSCAPE ARCHITECT

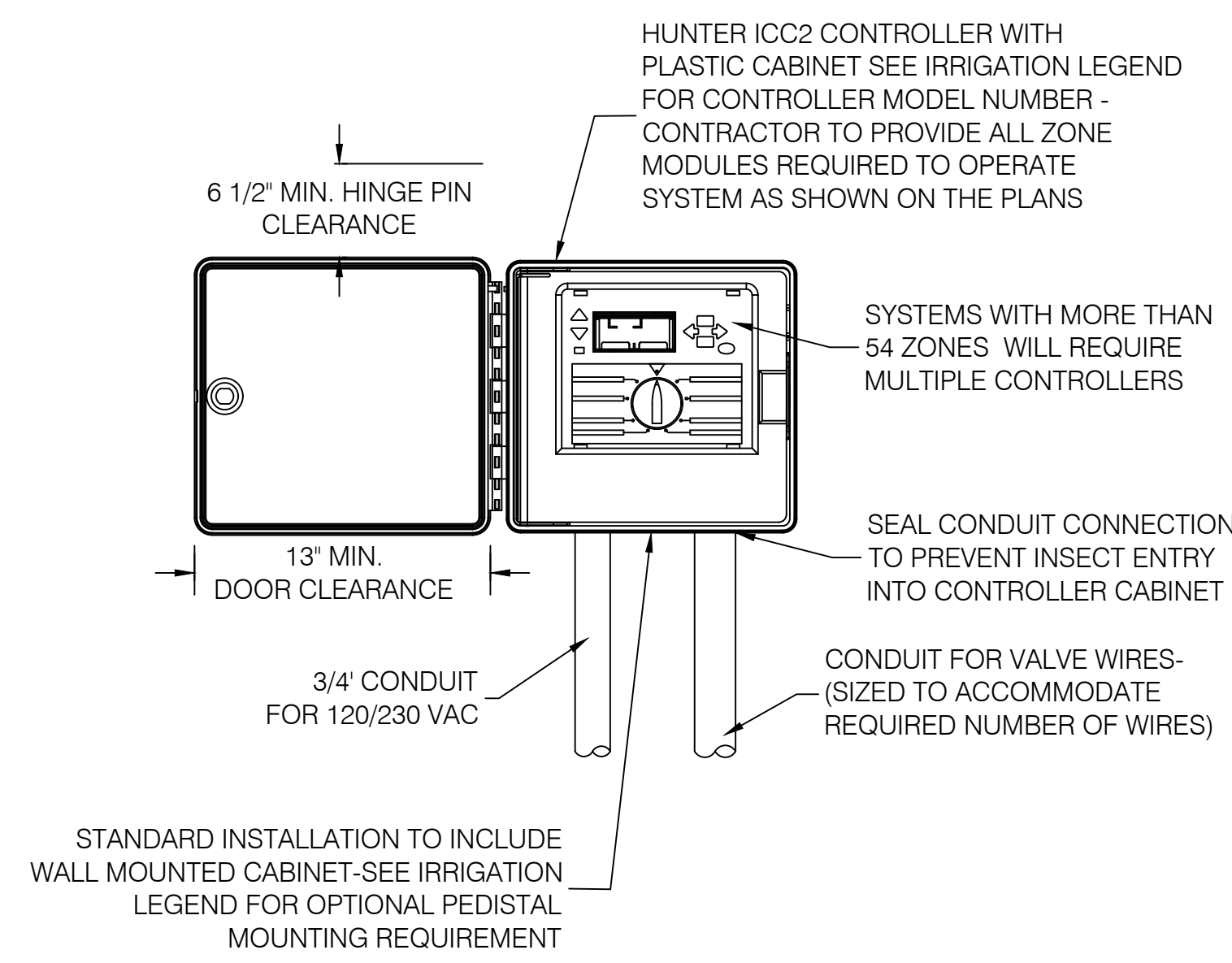
REVISIONS:	
1.	11/8/21 COUNTY REVIEW COMMENTS
2.	8/2/23 COUNTY REVIEW COMMENTS
3.	9/5/23 EXTEND LANDSCAPE BUFFER ALONG PARKING DRIVE
4.	

DESIGN BY:
DATE: 11/21/21
20049
IRRIGATION PLAN
LS3

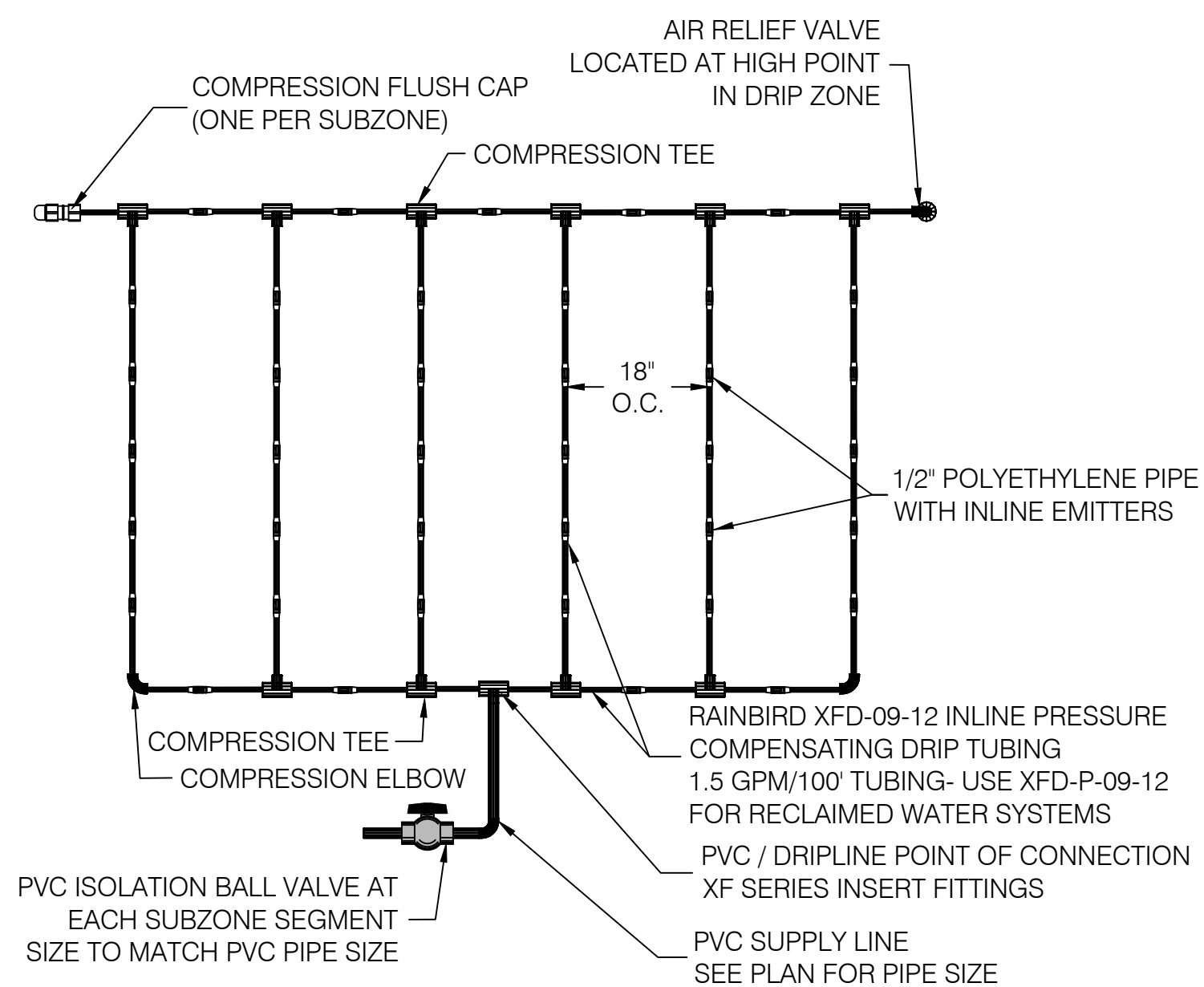
HEARTWOOD AND MARK P.C.
 LANDSCAPE ARCHITECTURE - URBAN DESIGN
 1101 S. ... ST. Petersburg, FL 33701
 (727) 343-1809
 License Number: LC26000235

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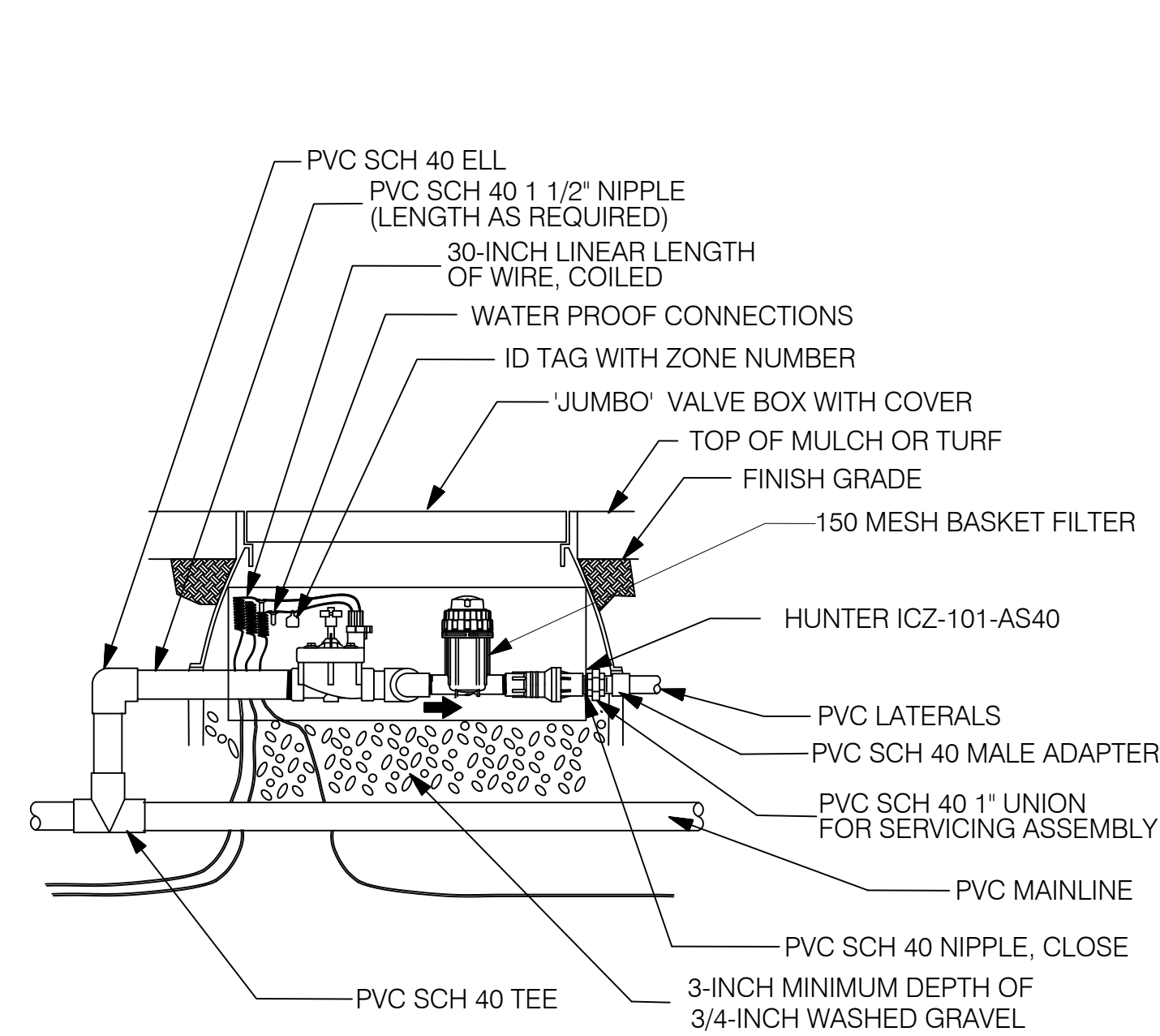
ALT PENSACOLA INC.
 3223 PORT DAVIDS BLVD
 PENSACOLA, FL 32503
 ESCAMBIA COUNTY



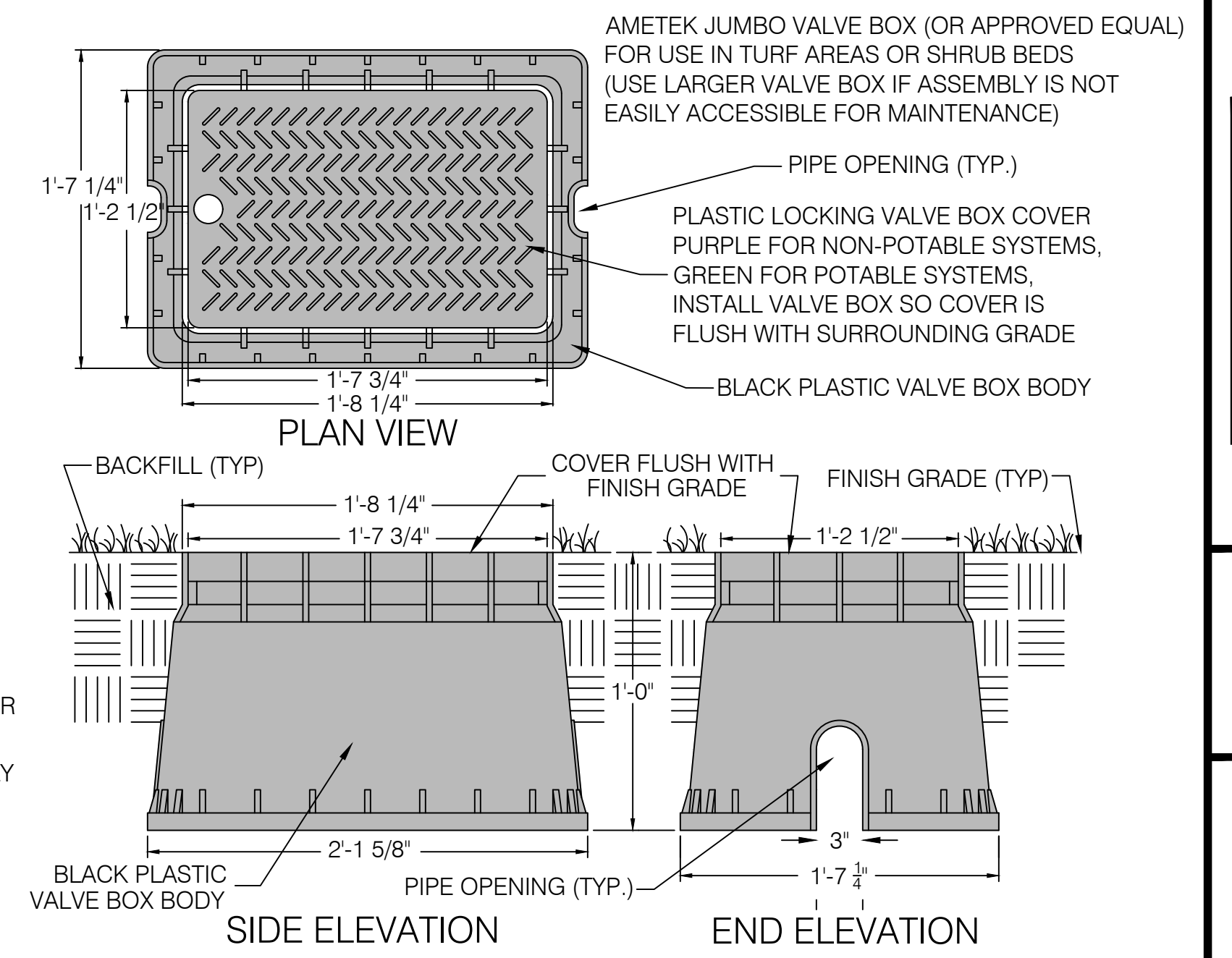
1 IRRIGATION CONTROLLER
LS4



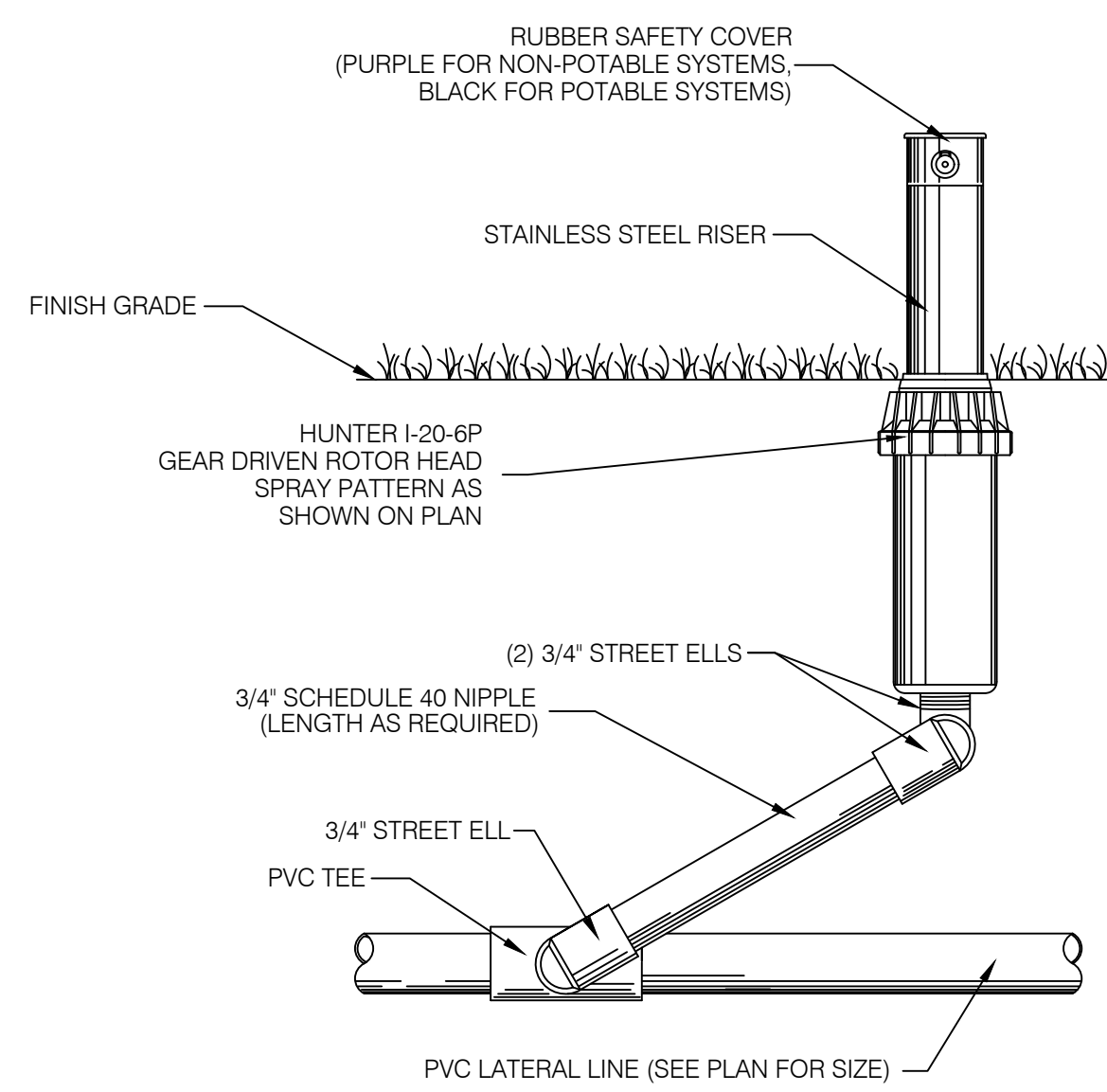
2 DRIP IRRIGATION TUBING LAYOUT
LS4



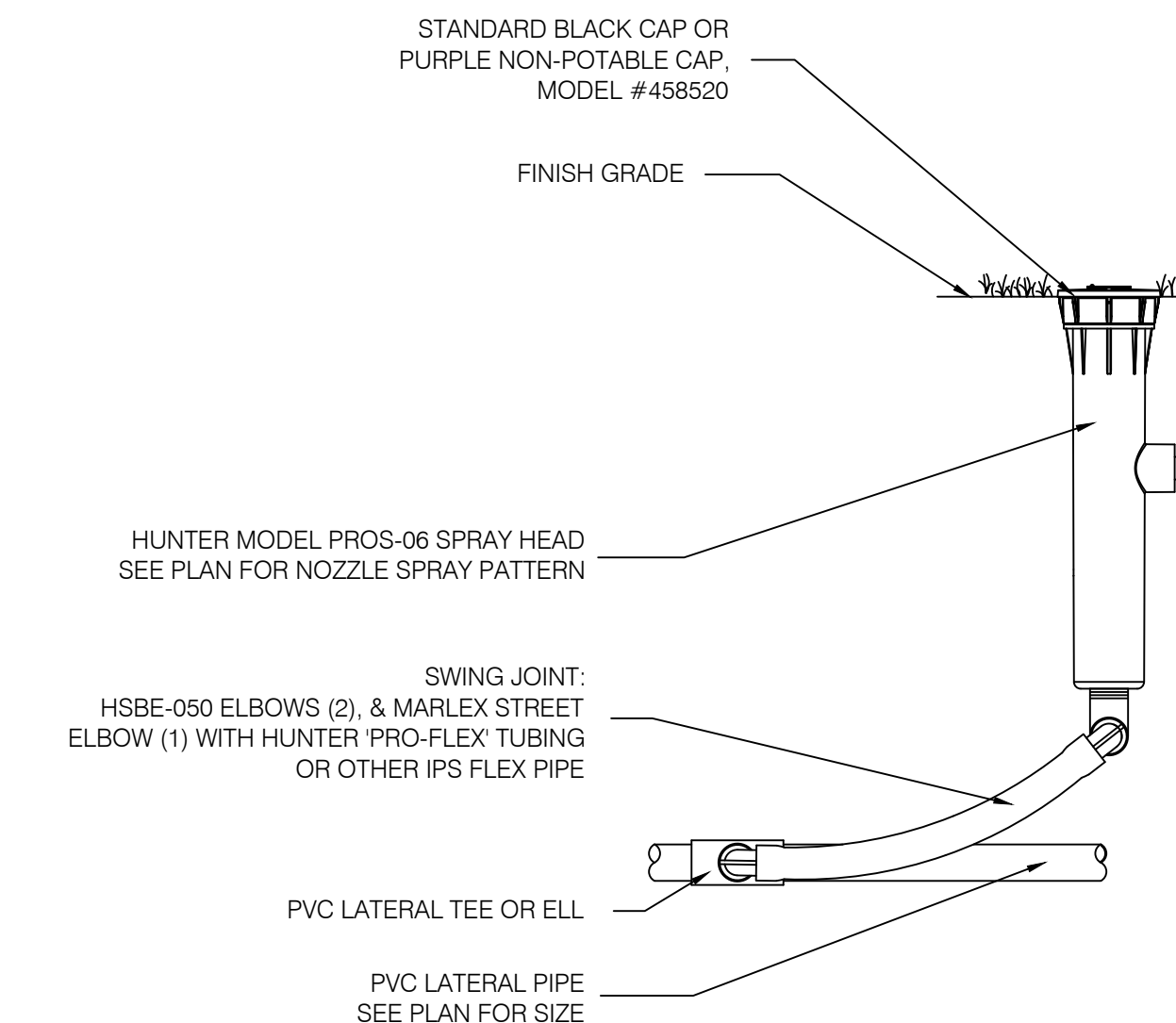
3 DRIP ZONE VALVE
LS4



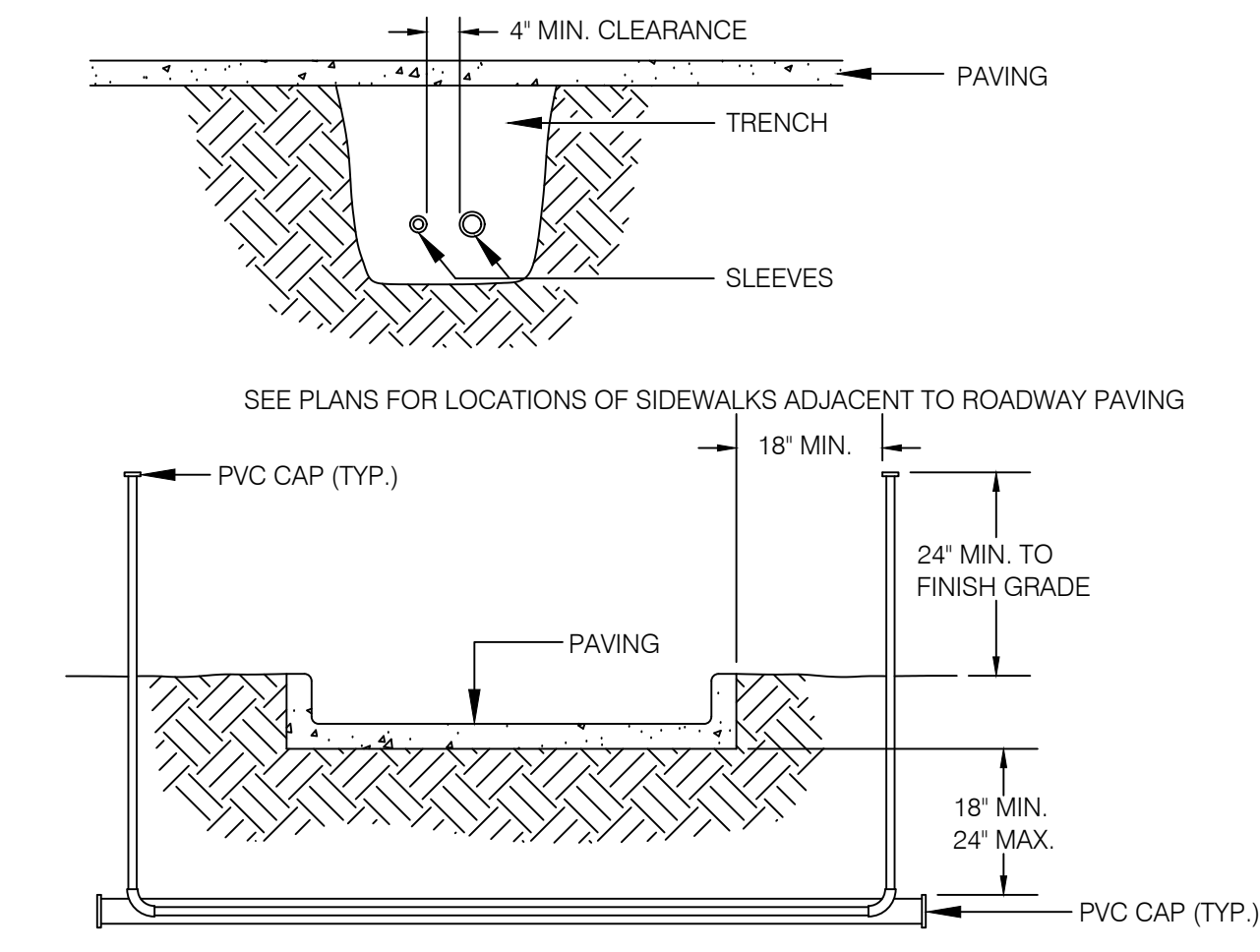
4 JUMBO VALVE BOX DETAIL (DRIP ZONES)
LS4



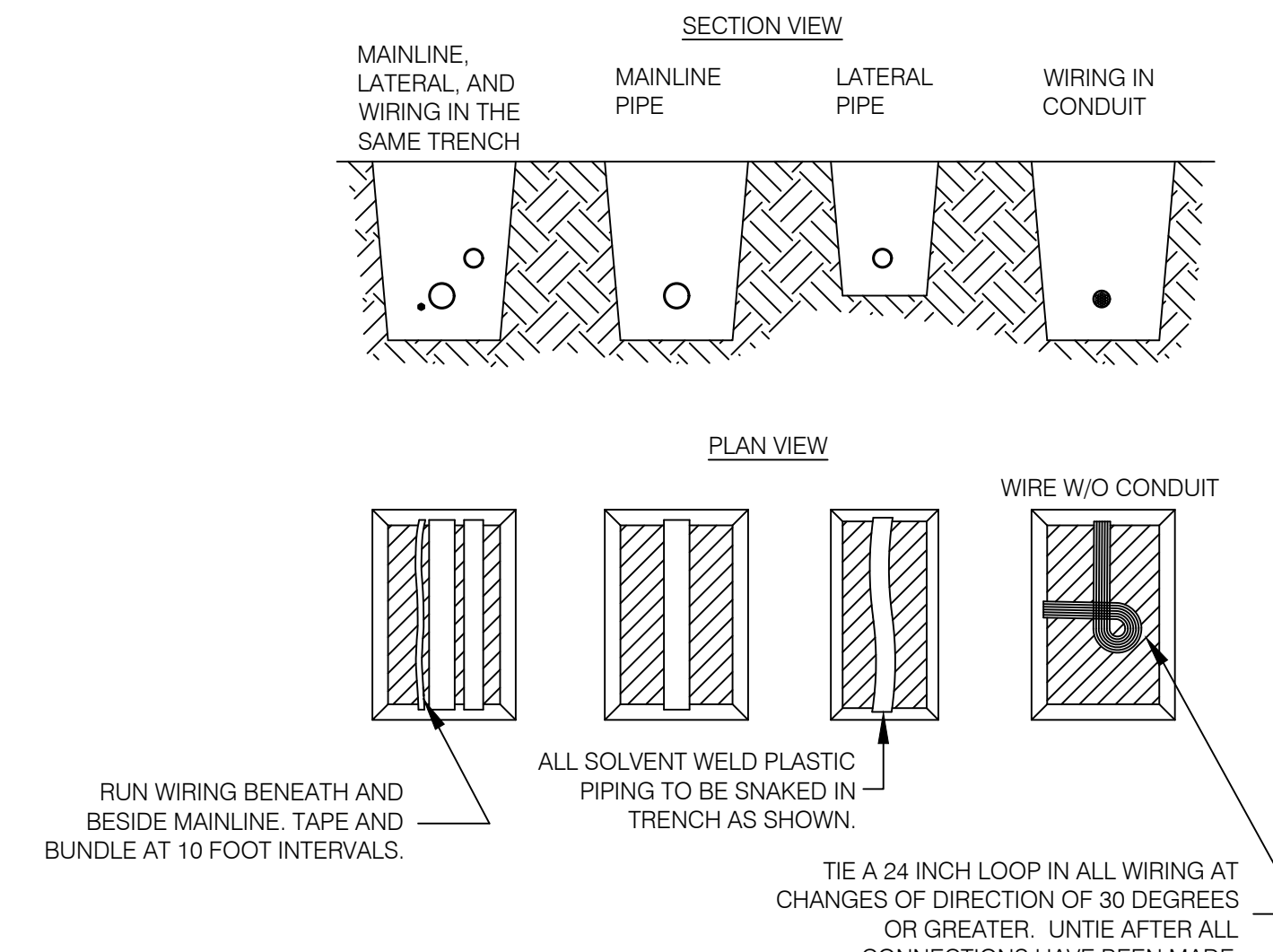
5 6" POP-UP ROTOR HEAD- HUNTER I20-6P
LS4



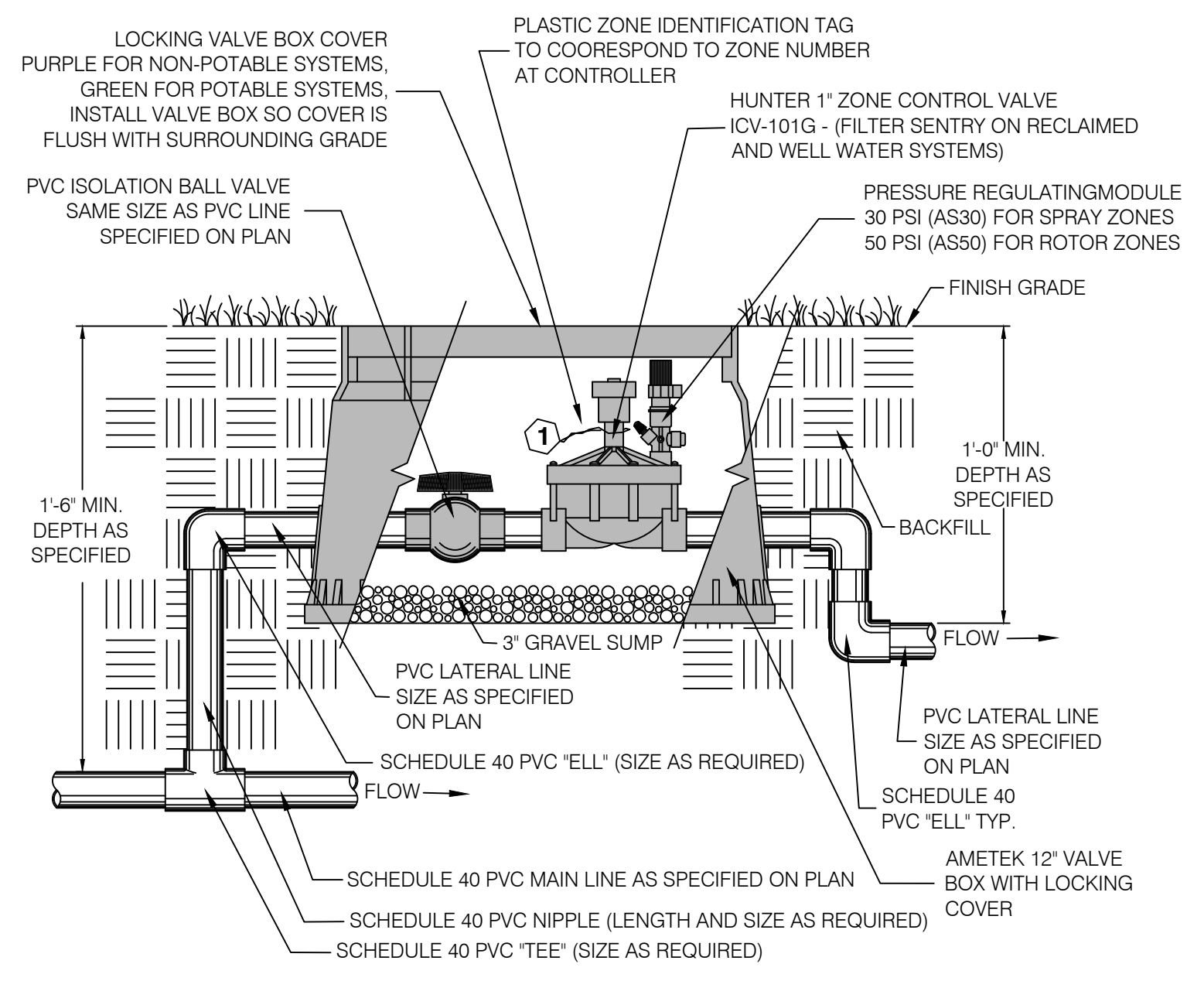
6 6" POP-UP SPRAY HEAD- HUNTER PROS-06
LS4



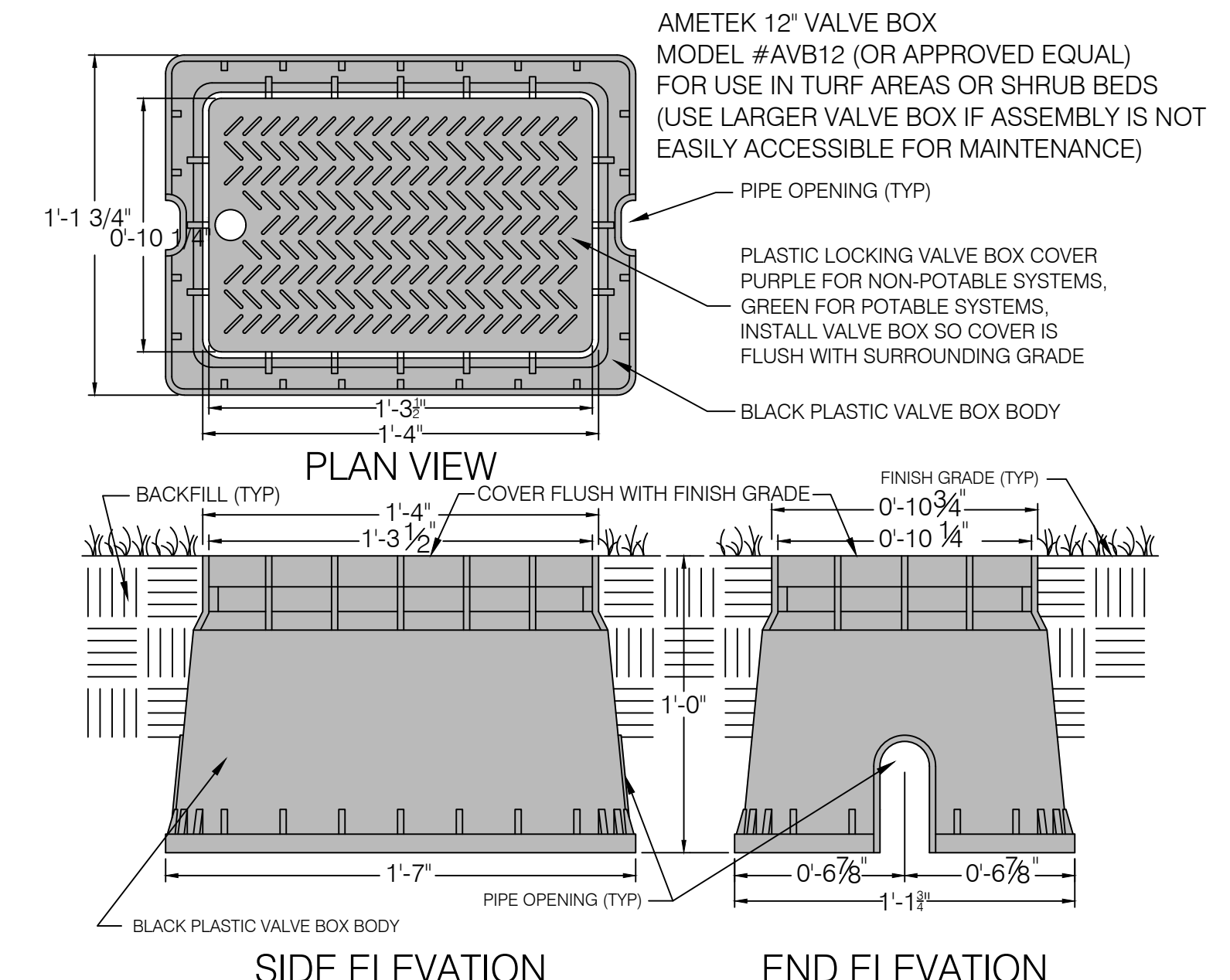
7 SLEEVING DETAIL
LS4



8 PIPE AND WIRE TRENCHING DETAIL
LS4



9 1" ZONE CONTROL VALVE
LS4



10 VALVE BOX DETAIL (SPRAY & ROTOR ZONES)
LS4

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 ARCHITECTURE + URBAN DESIGN
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 License Number: LC26000292

ISSUED FOR BID 03/08/2024

ALT PENSACOLA INC.
 323 ...
 PORT DA ...
 PENSACOLA ...
 ESCAMBIA COUNTY

REVISIONS:
1. 11/8/21 COUNTY REVIEW COMMENTS
2. 8/2/23 COUNTY REVIEW COMMENTS
3. 9/5/23 EXTEND ... ALONG ...
4.

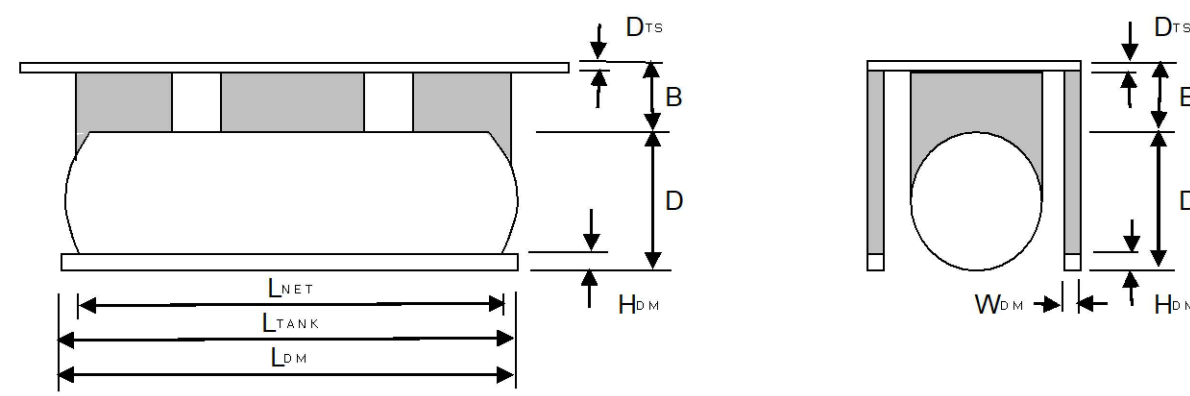
811 Know what's below. Call before you dig.

JACOB ZIMMERMAN, RLA
 REG. NO. FL LA 0001653
 LANDSCAPE ARCHITECT

20049
 IRRIGATION DETAILS
 LS4

BUOYANCY CALCULATIONS

TANK(S): 8K + 12K DOUBLE-WALL FIBERGLASS
 CAPACITY, NOMINAL: 20000 (C_v, gal) SUMPS: NUMBER: 2 (N_s)
 TANK WEIGHT: 11425 (W_{TANK}, #) DIAMETER: 48 (S_D, in.)
 DIAMETER: 10.5 (D, ft.) HEIGHT: 4 (S_H, ft.)
 LENGTH, TOT: 38.23 (L_{TANK}, ft.) DEADMEN: LENGTH: 38.23 (L_{DM}, ft.)
 LENGTH, NET: 31.94 (L_{NET}, ft.) HEIGHT: 8 (H_{DM}, in.)
 BURY: 4 (B, ft.) WIDTH: 18 (W_{DM}, in.)
 DEPTH, TOP SLAB: 0.67 (D_{TS}, ft.) NUMBER: 2 (N_{DM})
 WT. OF BACKFILL: 60 (W_{BF}, #/c.f.) WT. OF CONCRETE: 87.6 (W_{CONC}, #/c.f.)



I. TANK AND SUMP DISPLACEMENT:

$C_v / 7.48 \text{ GAL/CFT} * 1.05 = 2807$
 $[(PI * (S_D/2)^2 * S_H) / 1728 \text{ IN/CFT}] * N_s = 101$
 2908

TOTAL BOUYANT FORCE: 2908 x 62.4 = 181460

II. RESTRAINING FORCES:

A. WT. OF TANK = W_{TANK} = 11425

B. OVERBURDEN - TANK BACKFILL:
 $W_{OB} = [(D * (D/2 + (B - T_s))) - (PI * (D/2)^2 * S_H)] * L_{NET} * W_{BF} = 89685$

C. OVERBURDEN - DEADMAN BACKFILL:
 $W_{OB} = [D * (B - T_s) - H_{DM}] * L_{DM} * W_{BF} * N_{DM} = 60388$

D. OVERBURDEN - TOP SLAB:
 $W_{TS} = (D + 2) * (L_{NET} + 4) * D_{TS} * W_{CONC} = 33461$

E. WT. OF DEADMEN:
 $W_{DM} = L_{DM} * H_{DM} * W_{DM} * W_{CONC} * N_{DM} = 6698$

TOTAL RESTRAINING FORCE: W_{TANK} + W_{OB} + W_{OB} + W_{TS} + W_{DM} = 201657

III. SUMMARY:

BOUYANT FORCE	=	181460
RESTRAINING FORCE(S)	=	201657
SAFETY FACTOR	=	1.11 (> 1.0)

- IV. ASSUMPTIONS:**
1. No Ballast.
 2. No Friction.
 3. Groundwater to underside of topslab.
 4. 5% allowance for annular space uplift.

OWNER

ALT PENSACOLA INC.
 Abu Mridha
 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

PROJECT DESCRIPTION

**UNDERGROUND STORAGE TANKS, FUEL
 PIPING AND DISPENSING EQUIPMENT PLANS**
 7955 NORTH DAVIS HIGHWAY, PENSACOLA,
 ESCAMBIA COUNTY, FLORIDA
 PARCEL NO: 18-1S-30-5201-000-014

ENGINEER



engineering • environmental • construction

1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33805
 Phone: (863) 646-9130

2151 W. HILLSBORO BOULEVARD, SUITE 401
 DEERFIELD BEACH, FLORIDA 33442
 Phone: (954) 427-3076
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CONTACT: Juan Llugdar
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ENGINEER: Daimian D. Leslie, P.E.
PHONE: (954) 999-9029, Ext 312
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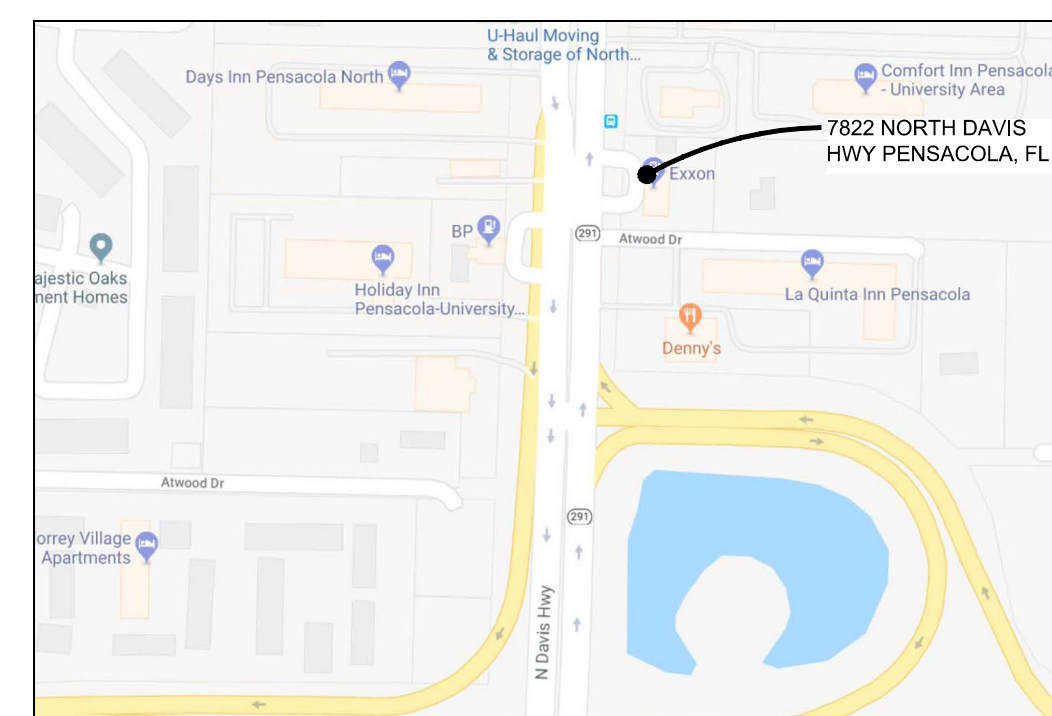
DAIMIAN D LESLIE, P.E.
 FL. REG #73113

This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date shown. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

GENERAL PROJECT NOTES

- All construction shall comply with applicable building codes and local restrictions. Contractors must comply with contractor registration requirements of all governing authorities.
- Approved plans shall be kept in a plan box and shall not be used by workmen. All construction sets shall reflect same information. Contractor shall maintain one complete set of plans on the premises in good condition at all times, this shall include all addenda.
- The contractor shall field verify all conditions and dimensions prior to starting any work and shall be responsible for all work and materials including those furnished by subcontractors and owner.
- Discrepancies between portions of the contract documents, drawings and specifications are not intended. The contractor is to clarify any such discrepancies with the owner prior to commencing work.
- Stated dimensions take precedence over graphics, do not scale drawings to determine locations. The owner shall be notified of any such discrepancies prior to continuing with work.
- Contact owner for instructions prior to the continuation of work should any unusual conditions become apparent during grading or foundation construction. Existing elevations and locations to be jointed shall be verified by the contractor prior to construction. If they differ from those shown on the drawings, the contractor shall notify the owner so that modifications can be made before proceeding with the work.
- It shall be the responsibility of the contractor to locate all existing utilities whether shown herein or not and to protect them from damage. The contractor shall bear the expense of repair or replacement of utilities or other property damaged by operations in conjunction with the execution of the work after so located.
- For construction details not shown, use the manufacturer's approved shop drawings / data sheets in accordance with the project specifications.
- Fire extinguishers to be installed at heights designated by owner and in compliance with local fire code. Final fire extinguisher locations shall be approved by fire marshal.
- All construction must meet all applicable Building Codes regardless of supplier as required by Jurisdiction, State, and Local Authority.

SITE VICINITY MAP



DRAWING INDEX

DWG. NO.	COVER SHEET
TA0	COVER SHEET

UNDERGROUND STORAGE TANKS

TA-1	GENERAL NOTES
TA-2	GENERAL NOTES
TA-2.1	FUEL PIPING PLAN
TA-3	TANK PAD PLAN & DETAILS
TA-3.1	TANK & PIPING DETAILS
TA-3.2	CONDUIT & ELECTRICAL DETAILS
TA-4	TANK SECTIONS
TA-4.1	TANK EQUIPMENT DETAILS
TA-5	AUTOMOBILE DISPENSER DETAILS
TA-6	ELECTRICAL SCHEMATIC, NOTES & DETAILS
TA-7	VEEDER ROOT OVERFILL ALARM DETAILS
TA-8	HAZARD ZONES

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
 APPROVED STORAGE TANK SYSTEM EQUIPMENT**

- EQ-275 Containment Solutions, Inc Double Wall Underground Storage Tanks
- EQ-414 Emco Wheaton Overfill Drop Tubes w/ Overfill Protection Valve Assembly.
- EQ-524 Emco Wheaton Spill Buckets
- EQ-291 Ameron LCX piping
- EQ-727 Bravo Dispenser Sumps
- EQ-395 Containment Solutions, Inc Tank Sumps
- EQ-335 Fe Petro Mechanical Leak Detectors
- EQ-724 Veeder Root TLS-450 Tank Gauge & Leak Detection & Associated Sensors

NOTE:
 THE STORAGE TANK SYSTEM INSTALLATION PLAN MEETS THE REQUIREMENTS OF CHAPTERS 62-761 AND 62-762 FLORIDA ADMINISTRATIVE CODE AND ALL THE APPLICABLE REFERENCE GUIDELINES.

VERSION:

DATES	STORE NUMBER
■ .	TBD
■ .	MDM PROJECT NUMBER
■ .	18012
■ .	
■ .	
■ .	

TA0

ISSUED FOR BID 03/08/2024

A. GENERAL

- 1.0 Reference to General Contractor and/or Subcontractor is denoted by Contractor.
2.0 Contractor shall be responsible to completely familiarize itself with existing site conditions and all applicable federal, state and local laws, codes and regulations.
3.0 Contractor shall handle and install all items per manufacturers instructions, these drawings, and all laws, codes and regulations.
4.0 Contractor shall not deviate from materials or products specified unless through mutual agreement with Circle K Construction Manager.
5.0 Contractor shall secure all required permits prior to commencing work.
6.0 All existing items, except those that are to be removed and junked, shall be protected by the Contractor.
7.0 Contractor is responsible for blue staking the excavation areas and locating all underground utilities.
8.0 These plans are schematic only. General scope is defined, however Circle K reserves the right to alter or expand the scope of work.
9.0 Contractor to warranty all workmanship and Contractor supplied material for 1 year, with the exception of the underground storage tank installation.
10.0 Contractor shall keep the site free of waste and rubbish at all times.
11.0 When an installation is made at an existing store, the Contractor is to schedule and perform his work so as not to interfere with the normal C-store operations.
12.0 Contractor to keep on site Safety Data sheets (SDS) for chemical compounds regulated through USEPA that will be used on-site or has the potential for human contact.
13.0 Contractor shall place the highest priority on safety and health during the progress of work performed at Circle K store locations.
14.0 While on site and during working hours, Contractor's personnel must wear shirts, long pants, hard hats when required, and acceptable foot wear per OSHA, regulations.
15.0 Contractor must provide adequate provisions to mitigate rain damage and delays (i.e. pumps, tarps, etc.).
16.0 Contractor is responsible for coordinating, receiving and unloading all Circle K supplied equipment delivered to Contractor's warehouse, or job site.
17.0 Contractor to provide all materials not listed on the equipment list on page 4 of these drawings, but required for a complete job.
18.0 Contractor is to schedule all subcontractors, including those contracted directly with Circle K.
19.0 A copy of the specifications and drawings, along with approved site plan, (w/as-built notations) shall be on site at all times.
20.0 Contractor is responsible for all product in tanks and in lines until location opens or reopens for gasoline business.
21.0 The Contractor shall indemnify, defend and hold harmless Circle K from any and all claims for damages, loss, or injury of any nature received from or sustained by the general contractor, subcontractor, their employees or agents resulting from the performance of his work under this contract.

B. REMOVAL & DISPOSAL OF EXISTING TANKS (when required)

Circle K will coordinate the removal of gasoline product in each existing tank prior to the start of this project to within 3"-7" from the bottom of each tank.

Only tank manufacturer's trained and certified personnel using equipment and procedures specified by the tank manufacturer and following all governing rules and regulations shall be permitted to enter a tank.

- 1.0 Disconnect all power to dispensers and tank top equipment.
2.0 Evacuate product from tanks and lines:
2.1 For Submersible Turbine Pump (STP) system, drain the product lines into tank by removing STP check valve and opening safety valve test ports.
2.2 For suction system, disconnect the product lines from tank or low point and drain into an approved container.
Product removed from lines becomes property of Contractor and may be used as motor fuel.

- 2.3 Contractor is responsible for the removal of the liquid residue at the tank bottoms and/or "Cleaning/Rinsing" of the tanks, where required.
2.4 Contractor is responsible for the proper transportation and disposal of all old tanks that are removed as part of this project.
3.0 When determined safe by the Circle K Construction Manager and local inspector, if present, degas tank to less than 10% of the Lower Explosion Limit (LEL) by inserting vapors by adding a minimum of 1.5 lbs of dry ice per 100 gallons of tank capacity or other approved method allowed by local code with written approval from the Circle K Construction Manager.
4.0 Excavate to tank top, remove all tank appurtenances, plug all openings, remove tanks and place in a secure location.
5.0 Remove remaining product and vent piping from site at earliest time possible, if required.
6.0 For in-ground heating and used oil tanks, follow B-2.3 through B-5.0, as applicable.
7.0 A separate contract will be executed with an environmental consultant to perform an environmental site assessment.

When determined safe by the Circle K Construction Manager and local inspector, if present, degas tank to less than 10% of the Lower Explosion Limit (LEL) by inserting vapors by adding a minimum of 1.5 lbs of dry ice per 100 gallons of tank capacity or other approved method allowed by local code with written approval from the Circle K Construction Manager.

- 4.0 Excavate to tank top, remove all tank appurtenances, plug all openings, remove tanks and place in a secure location.
5.0 Remove remaining product and vent piping from site at earliest time possible, if required.
6.0 For in-ground heating and used oil tanks, follow B-2.3 through B-5.0, as applicable.
7.0 A separate contract will be executed with an environmental consultant to perform an environmental site assessment.

C. EXCAVATION

- 1.0 Contractor shall follow all OSHA specifications and regulations, all Federal, State and Local codes and regulations and the tank manufacturer's installation manual regarding excavation.
2.0 Excavation shall be sized per tank manufacturer's guidelines.
3.0 Contractor shall provide and install tank excavation shoring (sheet piling) Contractor shall submit shoring design to Circle K construction manager for approval prior to shoring installation.
4.0 Minimize surface water entering excavations by constructing diversion dams around tankfield excavation and piping trenches.
5.0 A contingency plan shall be developed with Circle K Construction Manager outlining emergency procedures for obtaining the necessary equipment and/or personnel to handle unexpected water entry into the tank field excavation or piping trenches.

D. TANK INSTALLATION

- 1.0 Contractor shall coordinate delivery date of tanks with the manufacturer, Circle K Construction Manager, and the project schedule.
2.0 Tank manufacturer's installation procedure shall be followed, and the installation checklist shall be initialed/signed by Contractor and Circle K Construction Manager, as appropriate, as each step is completed.
3.0 An underground equipment installation affidavit shall be filled out by Contractor and submitted to the Circle K Construction Manager in bound project close out folder (see section K).
4.0 Lifting equipment shall be adequate to handle tank without dragging.
5.0 Tank shall be placed according to the tank manufacturer's installation manual and the Circle K tank drawings.
5.1 Tanks shall be continuously vented, by contractor, at all times throughout construction.
6.0 PRE-INSTALLATION TANK TESTING.

- 6.1 Circle K Construction Manager shall witness pre-installation tank testing.
6.2 Contractor shall notify Circle K Construction Manager two working days prior to testing and tank installation.
6.3 Tanks are to be set level and backfilled to top of tank the same day as testing.
6.4 Contractor to provide tank test manifold per manufacturer's instructions and specifications.
6.5 Testing the Primary (Internal) Tank
6.6 Testing the Secondary (External) Tank

- a) Connect the test manifold to an available service fitting.
b) Pressurize the primary tank to 5 psig, add or remove air as necessary and allow the pressure to stabilize.
c) Monitor the pressure for 1 hour.
6.5 Testing the Primary (Internal) Tank
a) Connect the test manifold to an available service fitting.
b) Pressurize the primary tank to 5 psig, add or remove air as necessary and allow the pressure to stabilize.
c) Monitor the pressure for 1 hour.
6.6 Testing the Secondary (External) Tank
a) Maintain pressure on the primary tank.
b) Free the hose from the service fitting by cutting the nylon safety tie.
c) Insert the hose into the quick disconnect check valve.

- d) Pressurize to 5 psig. Add or remove air via the supply valve as needed and allow pressure to stabilize.
e) Monitor the pressure for 1 hour, soap the entire exterior of the tank and watch for active air bubbles which indicate a leak.
f) When the test is complete, slowly release air pressure from the tank by disconnecting the supply line and opening the supply valve on the test manifold.

7.0 INSTALLATION

- 7.1 Installing contractor shall be certified by tank manufacturer on proper tank installation procedures.
7.2 Bedding and backfill material shall be well washed and free of ice and snow and meet ASTM D-448, ASTM C-33 and AASHTO M-43 for quality and soundness.
7.2.1 Pea gravel with particle size not less than 1/8" or more than 3/4" diameter with no more than 5% passing a No. 8 sieve.
7.2.2 Crushed stone with particle size not less than 1/8" or more than 1/2" diameter with no more than 5% passing a No. 8 sieve.

- 7.3.1 Place minimum 12" bedding material smooth and level over excavation floor. TANKS ARE TO BE SET LEVEL.
7.3.2 Set tanks level on bedding material. Use all lifting lugs provided and guide ropes at each tank end.
7.3.3 Place 12" backfill material evenly around tanks. Use WOODEN dowel probe to work backfill completely under tank between ribs and under endcaps.

E. PIPING

- 1.0 Pipe manufacturer's installation checklist shall be initialed and signed by Contractor and Circle K Construction Manager, as appropriate.
2.0 All material, workmanship and installation practices shall be in accordance with NFPA 30 & 30A, and all other applicable codes.
3.0 MATERIALS:
3.1 All vent and vapor return primary product and secondary containment lines shall be Ameron International "Ameron LCX".
3.2 Tank risers shall be Schedule 40 (ASTM-5-120) galvanized iron pipe (U.O.N.).
3.3 All NPT threaded connections shall be treated with "Seals Pipe" as manufactured by Permatex, "PST 567" as manufactured by Locktite, or "The Heavyweight" as manufactured by Jomar.
4.0 INSTALLATIONS:
4.1 Installing contractor shall be certified by piping manufacturer.
4.2 Bedding and backfill material shall be same as the tankfield, Product line trench sub-grade shall be compacted to 90% proctor density prior to installing bedding and backfill material.
4.3 Product lines shall slope continuously upward from STP sump a minimum of 1/8" per ft.

7.4 INSTALLATION PROCEDURE - WET HOLE

- 7.4.1 The following procedure shall apply where high water table is evident or where a future water condition is anticipated.
7.4.2 Water level should be maintained at the lowest practical level during installation.
7.4.3 Provide a minimum 12" thick pea gravel bed at bottom of hole.
7.4.4 BALLASTING:
7.4.4.1 If water is required to sink tanks in high water table condition, the manufacturer's tank installation instructions must be adhered to exactly.
7.4.4.2 Water within the tank cannot be at a higher level than the outside ground water.
7.4.4.3 Ballast tanks using potable water.
7.4.5 While leveling tanks, insure that minimum distance of 2'-0" between tanks is maintained.

- 7.4.6 Tanks must be anchored with deadman on all wet hole installations.
7.4.7 Use preformed fiberglass straps (furnished by tank fabricator) or 6" nylon hold down straps top of designated ribs (F/G Tanks).
7.5 Riser Coating and Wrapping: Prior to completion of backfill and after pressure testing tank coat all corrodible components exposed to backfill with cool tar epoxy, "Koppers" bitumastic, and wrap with 3M tape.

- 7.6 The Contractor accepts full responsibility for proper handling and installation of the underground storage tanks and shall ensure that good workmanship practices and construction procedures are followed regardless of the inclusion or omissions of any applicable suggestions in these instructions.

- 7.7 Unknown situations or conditions not covered in these and the manufacturer's instructions are the responsibility of the Contractor.
7.8 Underground fuel tanks and piping must be installed according to these instructions, the manufacturer's instructions, N.F.P.A. 30, NEC and all state and local applicable codes.
7.9 Tank settlement, tank distortion, or movement in concrete cover slab cannot be tolerated and if specified materials are used and specified procedures are followed, no installation failure should occur.

Underground storage tank installation against failure, as outlined herein above for a period of five (5) years from the date of final acceptance.

- 3.0 MATERIALS:
3.1 All vent and vapor return primary product and secondary containment lines shall be Ameron International "Ameron LCX".
3.2 Tank risers shall be Schedule 40 (ASTM-5-120) galvanized iron pipe (U.O.N.).
3.3 All NPT threaded connections shall be treated with "Seals Pipe" as manufactured by Permatex, "PST 567" as manufactured by Locktite, or "The Heavyweight" as manufactured by Jomar.

- 4.0 INSTALLATIONS:
4.1 Installing contractor shall be certified by piping manufacturer.
4.2 Bedding and backfill material shall be same as the tankfield, Product line trench sub-grade shall be compacted to 90% proctor density prior to installing bedding and backfill material.
4.3 Product lines shall slope continuously upward from STP sump a minimum of 1/8" per ft. Stage II lines will be stubbed up through the dispenser pan and capped if location is not scheduled for Stage II.

5.0 CONNECTIONS:

- 5.1 NPT THREADED CONNECTIONS:
5.1.1 Threads shall be clean of all sand and thread cutting oil prior to joining.
5.1.2 Apply thread sealant per E-3.3. Start all threaded connections by hand.
5.1.3 Do not overtighten. Torque FRP to steel connections to 75 ft. lbs. when using power tools.
5.2 FRP BONDED CONNECTIONS:
5.2.1 Taper/scarf pipe ends per pipe manufacturer's instructions.
5.2.2 Mix and apply adhesives per manufacturer's instructions.
5.2.3 Join components per manufacturer's instructions.
5.3 FLEX LINE CONNECTIONS:
5.3.1 INSTALL FLEXIBLE LINE CONNECTORS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
5.3.2 IMMEDIATELY AFTER INSTALLING FLEX LINE COUPLING, PLACE CAP OR PLUG ON COUPLINGS TO PREVENT DEBRIS FROM ENTERING LINES.

6.0 LINE TESTING (prior to backfill)

- 6.1 Circle K Construction Manager shall witness line testing.
6.2 Caution: Nitrogen from a grounded source shall be used in lieu of air for testing the piping system if a motor fuel has been used to ballast a tank.
6.3 Product lines shall be tested from STP to shear valve.
6.4 Vent/vapor system shall be tested from top of vent, through manifold, extractor base and riser, stage I adapters, caps, and containment manholes, stage II vapor lines to islands & stage II flex connectors at dispenser(s).
6.5 Slowly pressurize product lines and vent/vapor lines to 50 psi.
6.6 Immediately relieve pressure from stage II vr/vent system and remove extractor plugs.
6.7 Assemble secondary system and pressurize to 5 psi.

PIPING NOTES CONTINUED ON NEXT PAGE

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD. LAKELAND, FL 34052
EB #004857 Phone: (863) 911-9130

Table with columns: NO., DATE, REVISION, DESCRIPTION

This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date 11-06-2020. Printed copies of this document are not considered signed and sealed and must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
FL. REG #73115
TANK AND PIPING PLANS

SITE DESIGNATIONS:
7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM JOB # 18012
DATE: 11-06-2020
DESIGNED BY:
DRAWN BY: SLO/DBB FILE NAME: 18012.TANK AND PIPING.DWG

CHECKED BY:
DRAWING TITLE: GENERAL NOTES
SHEET NO: TA-1



Vertical stamp: ISSUED FOR BID 03/08/2024

- 7.0 Complete backfilling piping trenches and top of tanks to allow for an 8" thick concrete tank slab w/#4 rebar @ 18" OCEW and 6" thick yard/canopy paving 3000 psi, with or without fiber mesh. Consult bid documents and Circle K Construction Manager. #4 rebar dowels at 18" O.C. shall be installed connecting new piping trench concrete with existing site paving or when replacing tanks at an existing site. Consult bid documents for non tank slab concrete strength.
- 8.0 (If required) Contractor to install 4" diameter .020 slotted PVC observation wells, only when required by state or local codes. Observation well caps to be painted white with a black triangle in the center. Existing monitoring or compliance wells should not be disturbed. In the event a well is damaged, immediately notify the Circle K Construction Manager. Any damaged wells will be replaced at the expense of the Contractor.

F. DISPENSERS

- 1.0 Dispensers to be independently set "at grade" to result in an average of 0 inches of reveal.
- 2.0 Contractor to provide storage for dispensers, hoses, nozzles and breakaways prior to installation and shall be responsible for any damage to equipment prior to job acceptance.
- 3.0 Dispensers shall be securely attached to anchor bolts which shall be set at finished grade. Expansion bolts may be used with the written approval of the Circle K Construction Manager. Quantity and size of anchor bolts shall be as specified in dispenser manufacturer's installation instructions. The dispensers are to be installed level and are to be caulked with a gray silicone at grade/dispenser interface.
- 4.0 Dispensers shall be activated only in presence of an authorized dispenser representative. Contractor has sole responsibility for damage to dispenser(s) if this instruction is not followed.
- 5.0 Purge the air from the piping system using industry standard practices and a grounded container approved for storage and handling Class I flammable liquids.
- 6.0 ELECTRICAL CHECKOUT:
- 6.1 Turn off ALL STP circuit breakers.
- 6.2 Confirm ALL nozzles are in their boots.
- 6.3 Verify ALL STP's are off.
- 6.4 Turn on circuit breaker for one STP. One hose at a time for product grade matching activated STP, perform the following at each dispenser.
- 6.4.1 Remove nozzle.
- 6.4.2 Activate operating handle and dispense product into an approved GROUNDED container.
- 6.4.3 Verify ONLY correct STP turns on.
- 6.4.4 Verify brand panels and octane decals on each side of dispenser matches product being dispensed by STP.
- 6.4.5 Verify correct nozzle type is installed, i.e. unleaded, diesel.
- 6.5 Repeat F5.4 – 5.4.5 for each product grade.
- 7.0 If misconnections or other problems are detected, make corrections and repeat entire dispenser check-out procedure.
- 8.0 Calibrate and seal meters per local regulations. Any re-calibration required to obtain approval from local regulators shall be contractor's responsibility.
- 9.0 Contractor to furnish and install new dispenser filters after completing all liquid testing and product line purging. Activate each product on each dispenser and inspect filter for leaks. Recheck primary line connections at dispenser base and STP for leaks.
- 10.0 Contractor shall perform start-up if approved by the dispenser/EPOS manufacturer. If Contractor is not approved by the dispenser/EPOS manufacturer, then an authorized Contractor shall be subcontracted to perform start-up. Contractor shall also provide an authorized service technician to provide up to 8 hours of on-site training for store personnel. Contractor is responsible for start-up and calibration of fueling systems. Cost must be included in Contractor's base bid.
- 11.0 Contractor shall provide and install pump #'s, octane decals, no smoking decals and emergency shut-off signs, per Shell image guidelines and all applicable codes and regulations. Contractor shall install all Circle K provided decals, pump toppers and windshield caddies/trash cans prior to final project acceptance.
- 12.0 Contractor to furnish and install fire extinguishers and appropriate decals per applicable regulations.
- 13.0 Install and make operational the Circle K provided 3M intercom system.

G. TESTING

- 1.0 Contractor shall perform a pressure decay test on the tank annular space after paving is complete by pressurizing to 5 or 10 inches water column depending on state regulations from a GROUNDED nitrogen source. Pressure shall be applied for 5 minutes. ANY TANK WHICH DOES NOT HAVE "O" PRESSURE DECAY SHALL BE REJECTED. Contact tank manufacturer for repair. Circle K Construction Manager shall witness this test.
- 2.0 Tank, line, leak detector and Stage II testing shall be conducted by a third party testing company subcontracted to the contractor. Testing methods must be approved by the Circle K Construction Manager and conform to all regulations and codes. Contractor shall schedule and coordinate the testing contractor along with any local inspections required to open the store. Contractor shall have a representative on-site during ALL testing. Circle K Construction Manager to witness all testing.
- 3.0 Circle K will only pay for one successful set of tank, line, leak detector and Stage II tests (include in bid price). Any costs associated with failed tests and subsequent repairs/re-tests will be the Contractor's responsibility.
- 4.0 Contractor must obtain a copy of all test reports from testing company to be submitted with the project close out requirements of Section K.
- 5.0 Hydrostatic Test for STP Sump/Bravo Box/Spill Buckets: The Submersible Turbine Pump (STP) Sump, spill bucket, and the Dispenser Sump installation will be tested for water-tightness. This hydrostatic test will be done whether a jurisdictional hydrostatic test is requested by an oversight agency or not. The hydrostatic test can be done concurrently with the jurisdictional test, if one is required. The STP sump and spill bucket installation contractor is responsible for coordinating with the Circle K Construction Manager at least 24 hours prior to the anticipated hydrostatic test time. The dispenser sump installation contractor will be responsible for coordinating the dispenser sump hydrostatic test with the Circle K Construction Manager at least 24 hours prior to the anticipated test time.

Methodology For STP Sump Hydrostatic Test: After all piping and electrical penetrations have been sealed, and the STP sump installed and finished to the tank, the STP Sump installation contractor will introduce water into the STP sump 24-hours prior to the arrival of the Circle K Construction Manager. Water will be introduced into the STP sump past the highest penetration into the installed and finished sump. The water level should be stable at the tangent point on the top of the highest sump penetration. This tangent point will be the reference point for the Circle K Construction Manager's inspection, so it is important that the stable water level is precisely tangent to the top of the highest sump penetration. After water has remained in the STP Sump tangent to the top of the highest sump penetration, the Circle K Construction Manager will inspect the STP Sump for water leakage. The Circle K Construction Manager will inspect the bottom exterior of the sump for moisture collection, or to determine if leakage has occurred around the sump seal. The Circle K Construction Manager will inspect the water level to see if there is an observable subsidence of water from the top of the highest penetration. The Circle K Construction Manager will inspect to ensure that there is no observable subsidence from the tangent point of the highest sump penetration. The Circle K Construction Manager will inspect to ensure that there is no observable leakage on the exterior of any sump penetration, and to ensure that there should be no moisture collection or observable leakage around the exterior bottom of the installed and finished sump.

Methodology For Spill Bucket Hydrostatic Test: Following installation of the spill buckets, a hydrostatic test will be conducted by the spill bucket installation contractor and witnessed by the Circle K Construction Manager. The Contractor is to plug the riser so that water can not leak into the riser. Water will be introduced into the spill bucket to the top of the bucket. The water level should remain at the top of the bucket for a period of one hour. The Circle K Construction Manager will inspect to ensure that there is no observable subsidence from the top of the bucket.

Methodology For Dispenser Sump Hydrostatic Test: In order to test the water tightness of the dispenser sumps a hydrostatic test will be conducted by the dispenser sump installation contractor and witnessed by the Circle K Construction Manager. After all piping and electrical penetrations have been sealed, and the dispenser sump has been fastened to the dispenser island or drive slab, the Dispenser Sump installation contractor will introduce water into the Dispenser Sump to within 3" or 4" of the top of the dispenser sump. This will ensure that there is an adequate hydraulic head on the sealed penetrations to test water tightness. The Dispenser Sump Installation contractor will coordinate with Circle K Construction Manager 24-hours prior to the anticipated sump test inspection time. The Circle K Construction Manager will physically inspect each (side or bottom) penetration to ensure that no moisture or leakage exists around the fittings. The Circle K Construction Manager will feel each piping and electrical penetration to ensure that no moisture or leakage exists around these penetrations.

6.0 Vapor Piping (Stage I) Slope (Fall) Verification Test: The piping Contractor will notify the Circle K Construction Manager at least 24 hours ahead of the anticipated test time. The verification of the 1/8" slope must be conducted with a standard calibrated 3" or 4" construction level. The test must be conducted when the piping backfill is nearly complete, and the tops of the vapor piping are still clear and accessible to the level. The TMC Construction Manager will start from the furthest dispenser working back toward the tanks. The Circle K CM will lay the levels at various OR continuous points on the vapor piping, checking the level bubble for the 1/8" slope. The Circle K CM will move down the length of the Stage II Vapor Piping run, measuring the tops of the back-filled piping every four feet, or as necessary to insure a proper slope. The Circle K CM will briefly sketch an "as-built" of the Vapor Piping run, noting all high and low spots in the piping run.

7.0 The piping system shall be installed and tested in strict accordance with the manufacturers current installation instructions or AHJ. The installing contractor shall be responsible for all necessary specialty tools and consumables required for a complete testable piping installation.

H. CONCRETE PAVING

- 1.0 Concrete shall be in accordance with Circle K's paving specifications and details, sheet TA-3.0.

CANOPY (if required)

- 1.0 Circle K will contract with others for Canopy fabrication and installation. Contractor is responsible for the following regarding the canopy: removal and disposal of old canopy, new canopy layout, (elevations and location), electrical conduit, circuits and all connections, canopy footings, I-bolts, canopy drain connections, column shroud installation (where required), painting, flood testing finished canopy, safety, and scheduling and coordinating canopy contractor's work with the project schedule.
- 2.0 Contractor is responsible for all inspections required for the canopy work.
- 3.0 Canopy scuppers from perimeter gutter to fore court.

J. PAINTING

- 1.0 Contractor to paint all fill/Stage I manholes the colors indicated below. Contractor to use paint that is an oil based, rust free, enamel. All "+"s are to be 2 inches wide. Contractor is to provide a stencil for all "+"s on all fill lids. Lip under fill lid and 2" of concrete surrounding lid is to be painted appropriate colors.
- White w/Black + = Regular Unleaded
 - Red w/White + = Premium Unleaded
 - Yellow = Diesel
 - White w/Blue + = Non Ethanol Conventional Unleaded
 - Orange = Stage I vapor
- 2.0 Tank level monitor manholes to be painted light gray, if applicable.
- 3.0 Contractor to paint all islands forms, canopy columns, vent riser and supports and fire extinguisher cases. GRAY (Pantone 11C)
- 4.0 Steel bollards at fuel islands to be primed and gray vinyl sleeves to be installed Furnished & installed by GC. (Pantone 11C)

K. REQUIRED DOCUMENTATION

A project contact list with all General Contractor and Subcontractor contacts and phone numbers shall be submitted to Circle K Construction Manager, along with a CPM schedule prior to starting this project.

1.0 The following documentation is required prior to releasing the final 10% retainage on the project. THESE DOCUMENTS SHALL BE SUBMITTED IN A BOUND PROJECT CLOSE OUT FOLDER.

- Site information (address, site #, etc.)
- Project description with start and finish dates and CPM schedule
- G.C. information along with subcontractor list
- Job progress photos (see K-3.0)
- Daily job progress logs (New builds only)
- Underground tank installation checklist (N/A)
- Piping manufacturer's installation checklist
- Copies of tank, line, and Stage II VR test results
- UST Information Sheet
- Copies of all permits and inspections
- Copy of certificate of occupancy (if required)
- Completed and signed punch list
- As-built drawings to scale depicting precise location of all components installed (including product/vapor line sizes and locations, conduit sizes, location and material, exact tank location and dimensions, etc.)
- Tank charts (Leave second copy at store)
- Final release of lien from Contractor and each subcontractor/supplier and subcontractor's affidavit
- Copy of contract, change orders, and written approvals for deviations from these drawings.
- Copy of Signed Tank Disposal Certificate and ALL waste manifests.
- Compliance Information Form
- Tank Layout Form

2.0 Contractor shall maintain and turn over 2 copies of an indexed operation and maintenance manual, consisting of booklets for all newly installed equipment. Give one copy to Circle K Construction Manager and leave one at the store. Contractor shall leave tankcharts, tankstick, manway removal device, water finding paste, and all keys at the store.

3.0 Job progress photos – fuel system installation

At a minimum, the following photos are to be submitted on a Compact Disk labeled with store # and address, in bound project close out folder as described in K-1.0, prior to release of retainage.

1. Photos of location prior to start of construction (minimum 4).
2. Each old tank and old tank hole.
3. Open tank hole.
4. Installation of new tanks including deadman and holddown straps. (1 during, 1 at finish).
5. Pea gravel backfill (includes tamping of pea gravel at 5:00 and 7:00 position). (3 photos)
6. Installation of product lines, vent lines and electrical in tank hole.
7. Installation of fill tubes and submersible pumps.
8. Backfilled tanks just before concrete pour, showing rebar.
9. Rebar properly installed around fill and Stage 1 manhole/STP manhole.
10. Tank field ready to receive concrete (includes rebar on chairs or brick bats).
11. Depth of new concrete.
12. Tank field complete (includes joints, painted fill caps, and vent risers). (min. 2).
13. Open trenches.
14. Product piping in trenches (properly spaced).
15. Field dressed pipe.
16. Pea gravel backfill in trenches (show pea gravel under product lines).
17. Show installation of dispenser containment boxes.
18. Product pipe trenches ready to receive concrete (show rebar doweled into existing concrete).
19. Location of photo electric cell or contactor for canopy lights and signs.
20. Installation of new canopy footings.
21. Picture of finished canopy.
22. Pictures of location at the end of construction. (minimum 4)

L. Tank and Line Monitoring System

Tank and line monitor to be installed by Veeder Root Certified Technician. Installation to include: mounting controller near electrical panel, installing all tank level probes, sump probes, liquid level sensors (if required), all conduits and wiring, connecting all cables, and system start up. Contractor to include installation in base bid.

M. ELECTRICAL

- 1.0 All electrical work to conform with local and national electrical codes at a minimum.
- 2.0 All wires must be continuous run (no splices) from dispenser to console terminal strip box.
- 3.0 All spare wires should be taped and looped at ends and labeled.
- 4.0 Submersible pump relays must be used if 1-1/2 HP pump motors are installed. If not supplied with submersible pump, consult the Circle K construction manager.
- 5.0 Terminate all conduits with appropriate seal-off fittings at each end.
- 6.0 All conduit and junction box conduit threaded connections inside sumps or dispenser pans/sumps shall be made with thread sealant per E-3.4. Bonding straps shall be installed where required by code.
- 7.0 Electrical unions and pull boxes are not permitted below the top of a dispenser pan/sump. Pull boxes are not permitted inside an STP sump. The only electrical union permitted inside an STP sump can only be installed between the explosion proof junction box and the STP. Seal-offs and explosion proof junction box shall be installed wherever shown in these drawings.
- 8.0 Conduit system (i.e. conduit, seal-offs, explosion proof junction boxes) inside STP sumps and dispenser pans/sumps shall be soap tested to first conduit connection outside STP sump or dispenser pan/sump at 5 psi after all connections are made and prior to installing wiring. Circle K Construction manager shall witness these soap tests.
- 9.0 An explosion proof junction box where shown (Crouse-Hinds Model GUP215 with S302 "O"-Ring, or owner approved equal) shall be installed per NEC Sections 501 and 514, NFPA 30, 30A and 70. Conduit shall be 1" or 3/4" Dia. galvanized rigid or 3/4" schedule 40 conduit where permitted by code.

- 10.0 Contractor to install emergency shut-off switches where indicated on sheet TA-2.1. Shut-off switch and electrical material required to make the switch operational shall be furnished by the contractor (including emergency shut-off sign). Placement of emergency shut off switch(es) and proximity to the dispensers must be in accordance with all applicable codes and regulations. More than one might be required. Consult bid documents and Circle K construction manager for quantity and location of emergency shut-off switch(es).
- 11.0 Contractor shall furnish all new conduits, wiring and seal offs for dispensers, STPs and monitoring equipment per these drawings. Each STP and dispenser shall have its own circuit breaker.
- 12.0 All exposed conduits and gutter boxes shall be painted by contractor to match building colors.
- 13.0 Contractor to seal all conduit building penetrations and clear outs.
- 14.0 Contractor shall type and laminate the breaker panel labels. Contractor shall label all STP control boxes.
- 15.0 Contractor shall furnish and install a new 100A electrical "fuel system" sub-panel and ensure that the stores electrical system is properly balanced for existing stores. (Part of CP-1 Panels)
- 16.0 Glibarco STP Isolation Relay Boxes must be installed for each dispenser. If not supplied with dispenser, consult Circle K construction manager.

CLIENT:
ALT PENSACOLA INC.

Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:

MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33853
EB 004857 Phone: (863) 919-9130

NO.	DATE	REVISION	DESCRIPTION
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DAIMIAN D. LESLIE, P.E.
FL. REG #73115

TANK AND PIPING PLANS

SITE DESIGNATIONS:

7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM JOB # 18012

DATE: 11-06-2020

DESIGNED BY:

DRAWN BY: SLO/DBB FILE NAME:

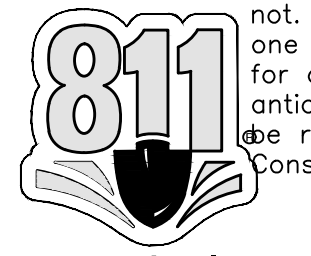
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DRAWING TITLE:

GENERAL NOTES

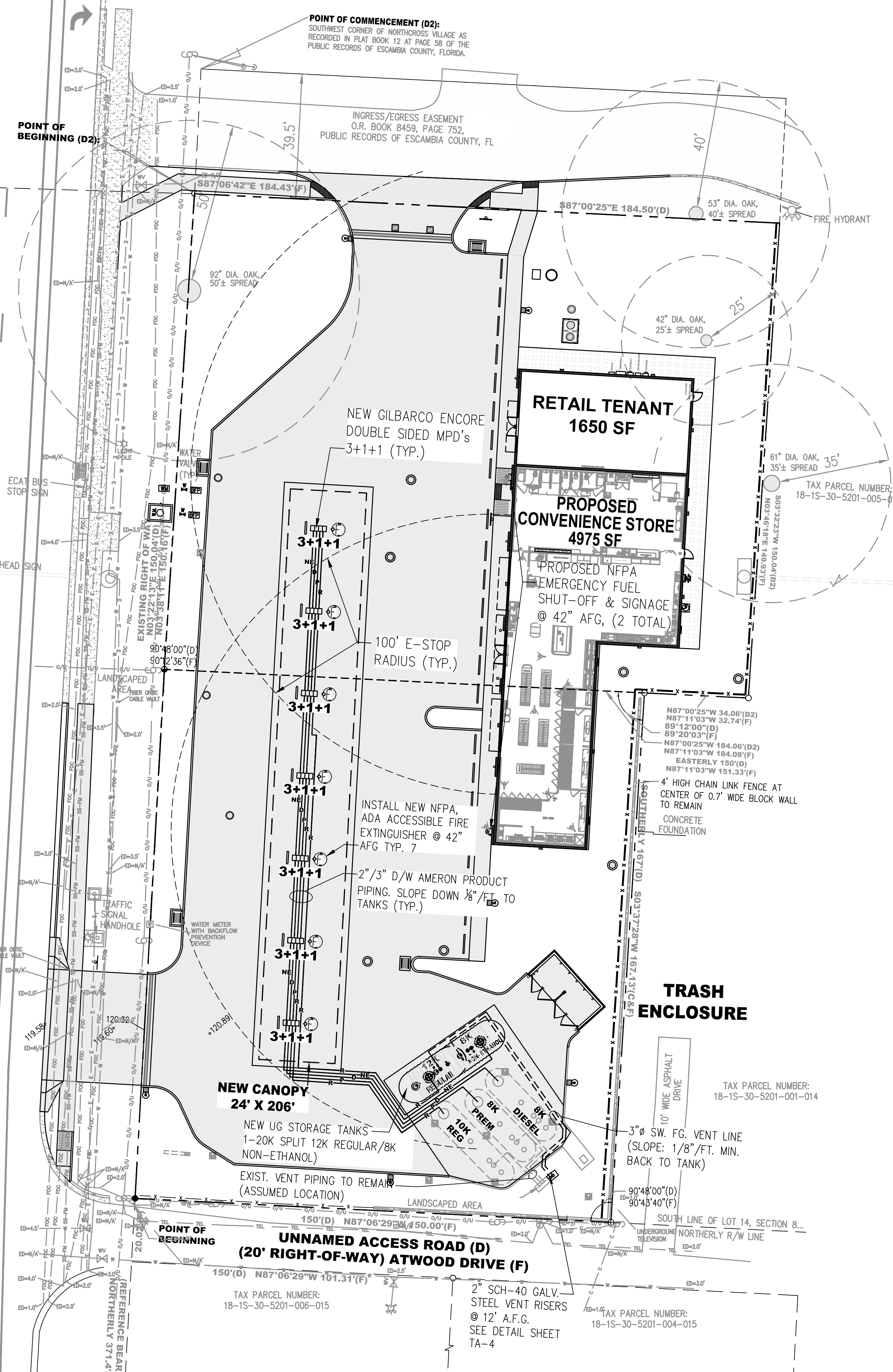
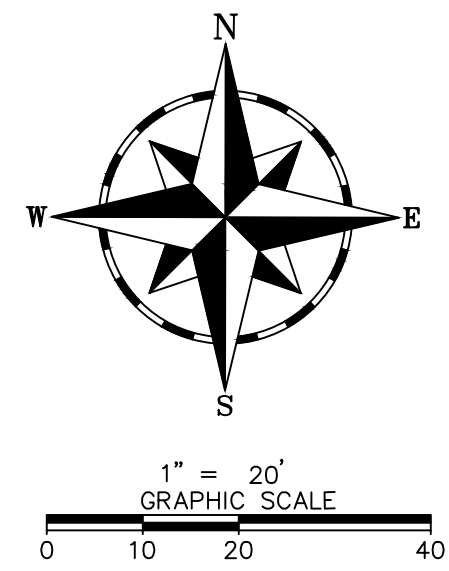
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TA-2

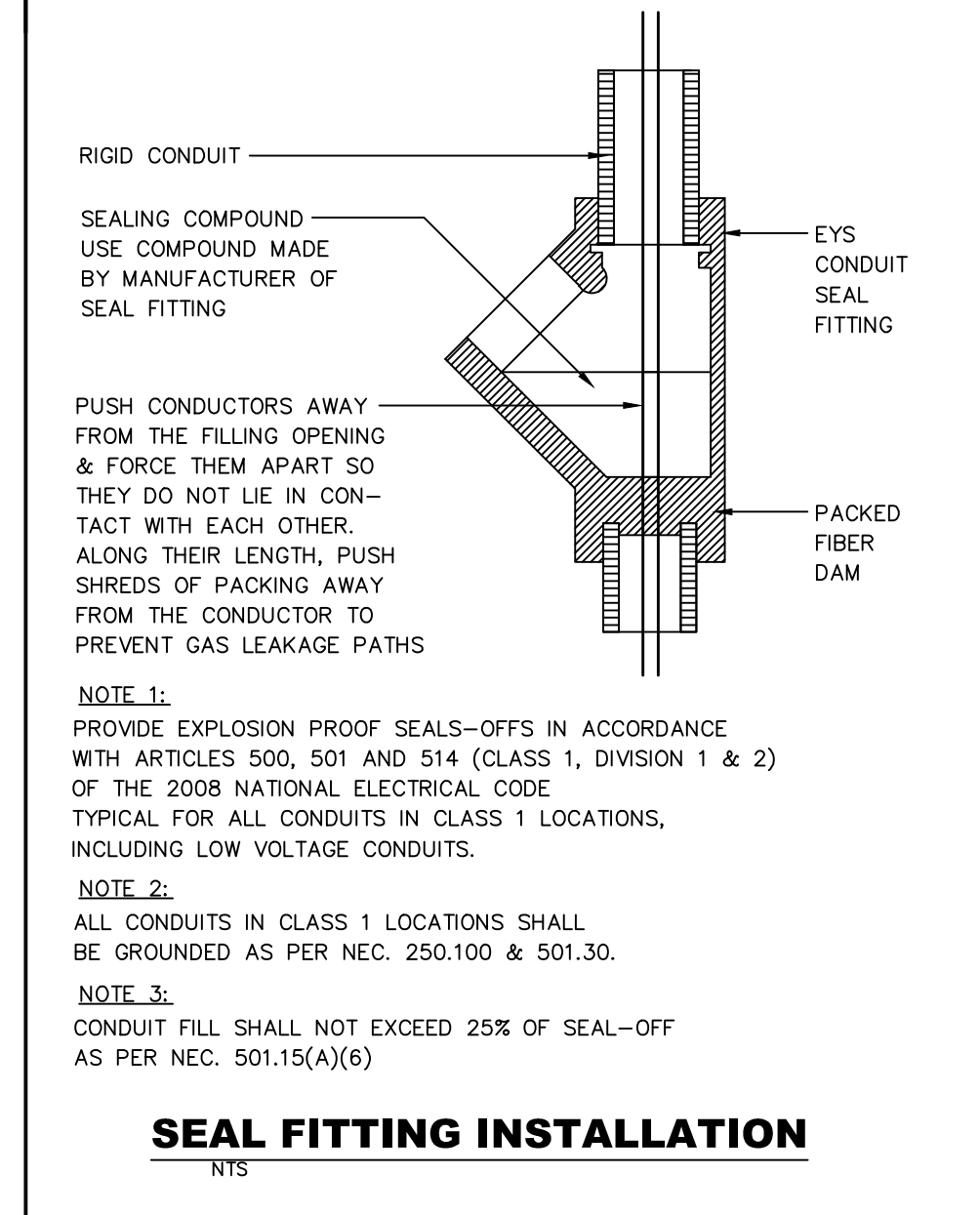
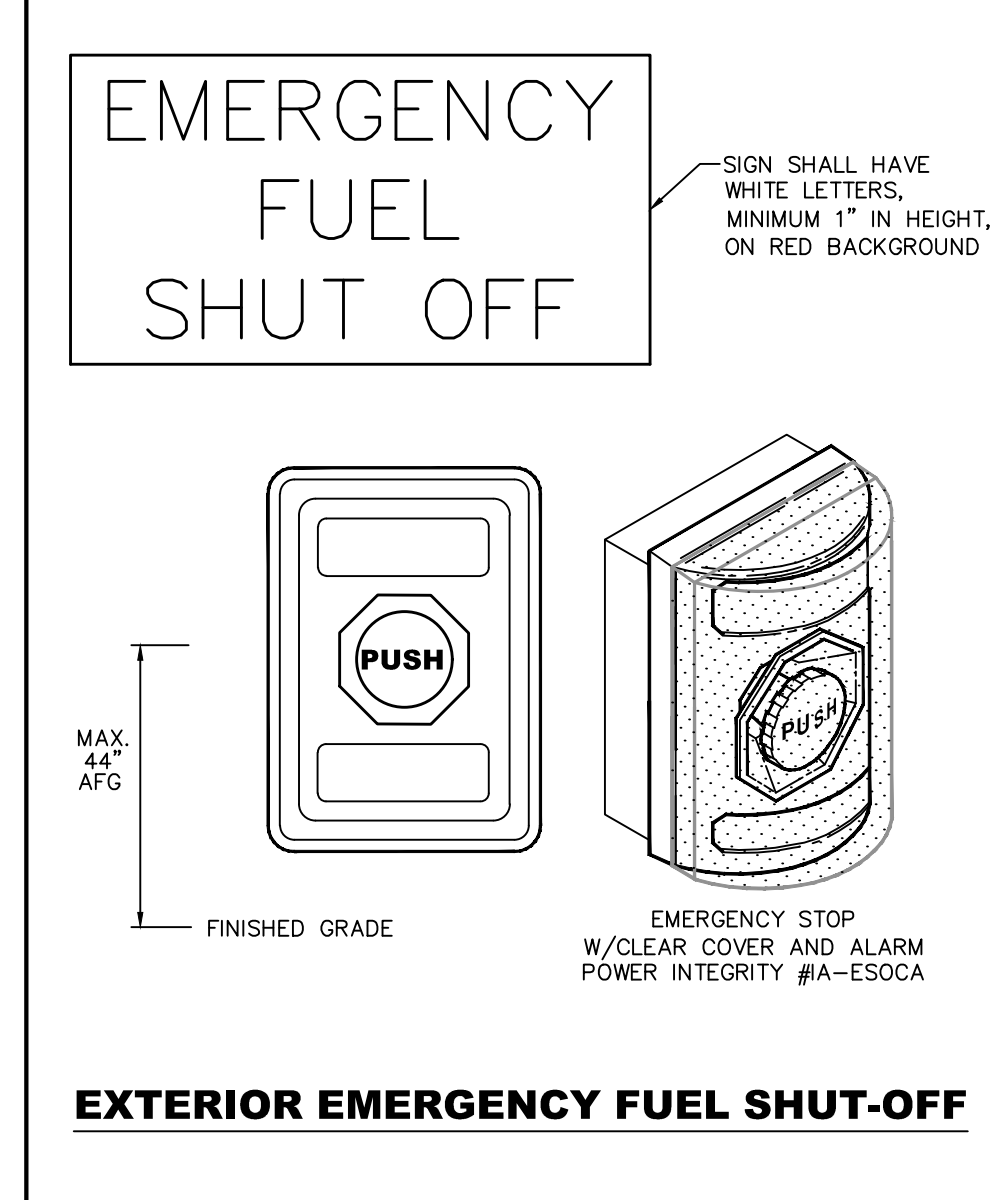


Know what's below.
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- NOTES**
- ALL WORKMANSHIP, MATERIALS, EQUIPMENT, TESTING, AND INSPECTIONS RELATED TO THE FUEL SYSTEM INSTALLATION AS DESCRIBED HERE-IN SHALL BE IN ACCORDANCE WITH:
 - N.F.P.A. 30 FLAMMABLE AND COMBUSTIBLE LIQUID CODE
 - N.F.P.A. 30A AUTOMOTIVE SERVICE STATION CODE
 - A CERTIFICATION OF COMPLETION OF FUEL SYSTEM INSTALLATION INSPECTION AND COMPLETION IN ACCORDANCE WITH THE APPROVED PERMIT DOCUMENTS PREPARED BY THE ENGINEER MUST BE SUBMITTED TO THE DEPARTMENT OF HEALTH ENVIRONMENTAL HEALTH DIVISION PRIOR TO FINAL INSPECTION AND OCCUPANCY.



- LEGEND:**
- NEW CONCRETE PAVEMENT
 - NEW PERVIOUS CONCRETE PAVERS
 - EXISTING CONCRETE PAVEMENT

- SCOPE OF WORK:**
- PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT TO COMPLETE INSTALLATION OF NEW FUEL STORAGE TANKS, PRODUCT PIPING, DISPENSERS, AND MISC. ACCESSORIES AS DETAILED HERE-IN SHEETS TA-0 THROUGH TA-8, SUMMARIZED AS FOLLOWS:
- SHORE (SHEETPILE) TANK HOLE; PREP HOLE & PLACE LINER, SET DEADMEN, PLACE 12" MIN. TANK BED, SET TANKS, ANCHOR & BACKFILL (1) NEW 10" 20K D/W (COMPARTMENTED, 12K REGULAR & 8K NON-ETHANOL) INSTALL NEW SUMPS, FILLS, VAPOR, VENT, TURBINE, GAUGE AND LEAK DETECTION EQUIPMENT AND STATIC GROUNDING CONNECTIONS.

NOTE: TANKS, PIPING AND ALL PETROLEUM EQUIPMENT AND ACCESSORIES TO BE PROVIDED AND INSTALLED BY CONTRACTOR UNLESS NOTED OTHERWISE. SEE SHEETS TA-4 & TA-5
 - SET NEW DISPENSER CONTAINMENT BOXES PER PLAN; INSTALL NEW DOUBLE-WALL FIBERGLASS PRODUCT LINES FROM NEW TANK STP'S TO EACH CONTAINMENT BOX; PIPE NEW CONTAINMENT BOXES TO RECEIVE NEW DISPENSERS; AND TEST.

NOTE: STAGE II UNDERGROUND PIPING WILL NOT BE INSTALLED. NEW DISPENSERS WILL NOT BE STAGE II EQUIPPED.
 - INSTALL NEW VENT RISER RACK ASSEMBLY. ROUTE NEW SINGLE WALL FIBERGLASS VENT PIPING FROM TANKS TO NEW SCHEDULE 40 VENT RISER.
 - INSTALL NEW CONDUITS AND WIRING FROM TANK FARM AND EACH DISPENSER LOCATION. CONNECT TO STP, DISPENSER, AND GAS EQUIPMENT CIRCUITS INSIDE BUILDING.
 - INSTALL NEW VEEDER-ROOT TLS-450, TANK LEVEL GAUGES, ANNULAR SPACE SENSORS, STP SUMP SENSORS, WIRING, AND CONNECTIONS.

NOTE: VEEDER-ROOT TLS-450, PROBES AND ACCESSORIES TO BE PROVIDED BY CIRCLE K AND INSTALLED BY CONTRACTOR. SEE SHEETS TA-4 & TA-5.
 - SET NEW MANHOLES AND PRODUCT ID; FORM & POUR NEW TANK SLAB.
 - SET & CONNECT NEW OWNER FURNISHED FUEL DISPENSERS (8) EACH (3+1+1), DOUBLE-SIDED MPD'S. INSTALL CONTRACTOR FURNISHED NEW HOSES, NOZZLES, BREAKAWAYS, STARTUP, PURGE, & CALIBRATE.
 - EMERGENCY STOP DISCONNECTS (2 TOTAL) TO BE INSTALLED AT CORNER OF BUILDING AND (1) AT CASHIER SALES STATION.
 - INSTALL NEW NFPA 30A 9.2.5.4 WARNING SIGNS --- "NO SMOKING, STOP MOTOR..." @ EACH DISPENSER/ISLAND AS OCCURS.

NOTE: NFPA SIGNAGE TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
 - INSTALL NEW NFPA, 5 LBS 40 BC (MIN) ADA ACCESSIBLE FIRE EXTINGUISHER @ EACH DISPENSER ISLANDS. FIRE EXTINGUISHING SYSTEMS ARE REQUIRED TO BE INSPECTED AND TAGGED BY A LICENSED FIRE EXTINGUISHER CONTRACTOR AND MAINTAINED YEARLY.

NOTE: NFPA SIGNAGE TO BE PROVIDED AND INSTALLED BY CONTRACTOR.

- TANK, PIPING & INSTALLATION NOTES:**
- ALL NEW PETROLEUM EQUIPMENT, MATERIALS, AND ACCESSORIES SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH APPLICABLE MANUFACTURER'S INSTRUCTIONS.
 - ALL TANK AND PIPING INSTALLATION WORK IS TO BE PERFORMED BY A STATE REGISTERED POLLUTANT STORAGE SPECIALTY CONTRACTOR.
 - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE STATE, COUNTY AND MUNICIPAL REQUIREMENTS---THE 2009 INTERNATIONAL BUILDING CODE; AND THE FOLLOWING REFERENCE STANDARDS:
 - FLORIDA DEPARTMENT OF ENVIRONMENTAL QUALITY: UT 014 UNDERGROUND FUEL TANK INSTALLATIONS.
 - NATIONAL FIRE PROTECTION ASSOCIATION:
 - 30 FLAMMABLE AND COMBUSTIBLE LIQUID CODE
 - 30A AUTOMOTIVE SERVICE STATION CODE
 - 70 NATIONAL ELECTRIC CODE
 - AMERICAN PETROLEUM INSTITUTE:
 - 1615 INSTALLATION OF UNDERGROUND PETROLEUM STORAGE SYSTEMS
 - 1604 RECOMMENDED PRACTICE FOR ABANDONMENT OR REMOVAL OF USED U.G. STORAGE TANKS
 - PETROLEUM EQUIPMENT INSTITUTE:
 - RP100 RECOMMENDED PRACTICES FOR INSTALLATION OF U.G. LIQUID STORAGE TANKS
 - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION: CONSTRUCTION SAFETY AND HEALTH REGULATIONS SUBPART P, 1902.50 THRU 1926.653
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING UNDERGROUND UTILITIES IDENTIFICATION BY CONTACTING FL. ONE CALL (1-800-432-4770) AND APPLICABLE MUNICIPAL JURISDICTION AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR GIVING REQUIRED NOTICE(S) AND SCHEDULING APPLICABLE CITY, COUNTY AND/OR STATE INSPECTIONS AS REQUIRED FOR TANK INSTALLATION AND PERMIT CLOSE OUT(S).

- ELECTRICAL NOTES:**
- ELECTRICAL INSTALLATION SHALL COMPLY WITH NEC 2017.
 - N.E.C. ARTICLE 514 CONDITIONS FOR HAZARDOUS AREAS AND FUEL DISPENSING FACILITIES APPLY.
 - PROVIDE EXPLOSION PROOF SEALS-OFFS IN ACCORDANCE WITH ARTICLES 514.3 AND 514.9(A) & (B) FOR ALL CONDUITS IN CLASS 1 HAZARDOUS LOCATIONS, INCLUDING LOW VOLTAGE CONDUITS.
 - CIRCUIT DISCONNECTS TO BE PROVIDED AS PER NEC 514.11(A) AND NEC 514.13.
 - EXTERIOR EMERGENCY CONTROLS TO BE INSTALLED AS PER NEC 514.11(B). REFER TO THIS SHEET FOR LOCATIONS.
 - ALL UNDERGROUND ELECTRICAL CONDUIT IN HAZARDOUS AREA TO BE RIGID METAL CONDUIT (RMC) AND TO BE BURIED AT MIN. 24".
 - SEE DETAILS SHEETS TA-1 THROUGH TA-8 AND BUILDING/SITE ELECTRICAL FOR ADDITIONAL DETAILS.

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33857 Phone: (863) 913-9130

NO.	DATE	REVISION DESCRIPTION

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FL. REG #73113

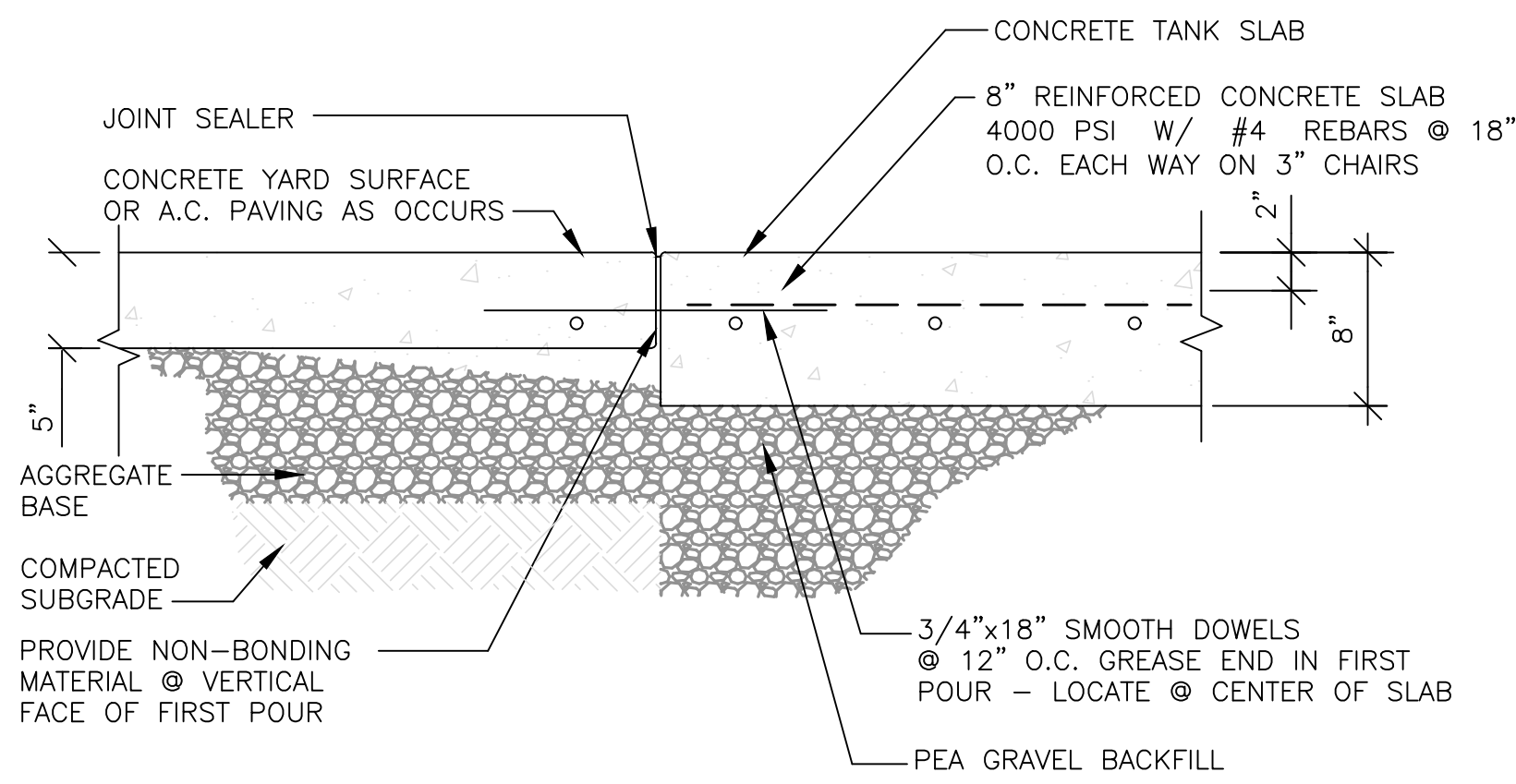
TANK AND PIPING PLAN

SITE DESIGNATIONS:
NEW CONVENIENCE STORE
7822 NORTH DAVIS HWY.
PENSACOLA, FLORIDA

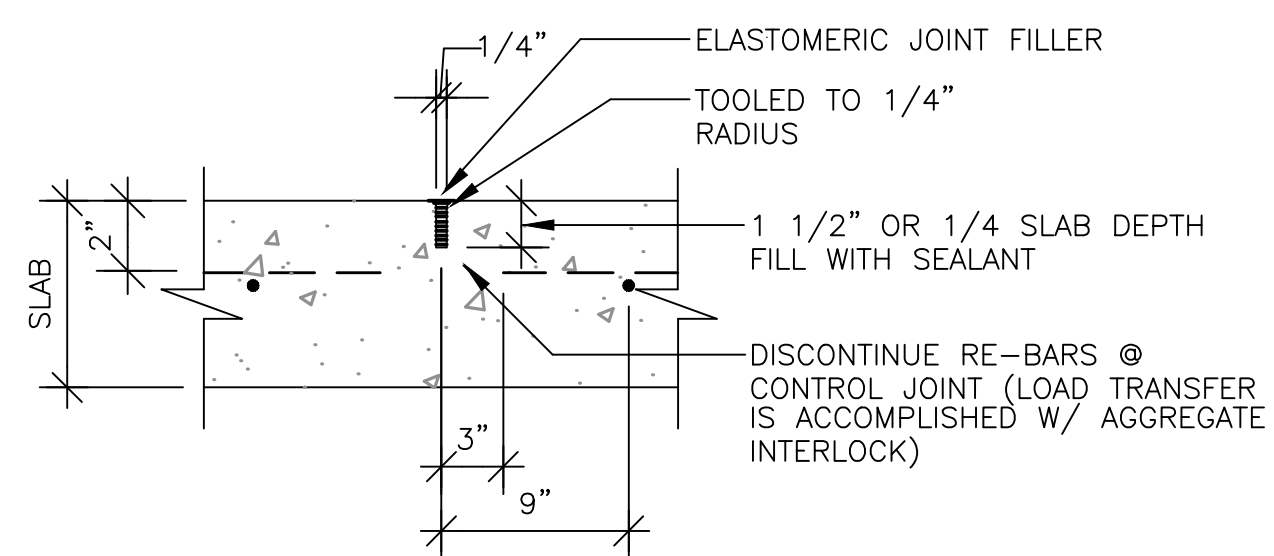
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DATE: 11-06-2020
DESIGNED BY:
DRAWN BY: SLO/DBB FILE NAME: 18012_CD.DWG
CHECKED BY: 18012_CD.DWG
DRAWING TITLE:
FUEL PIPING PLAN
SHEET NO.:
TA-2.1



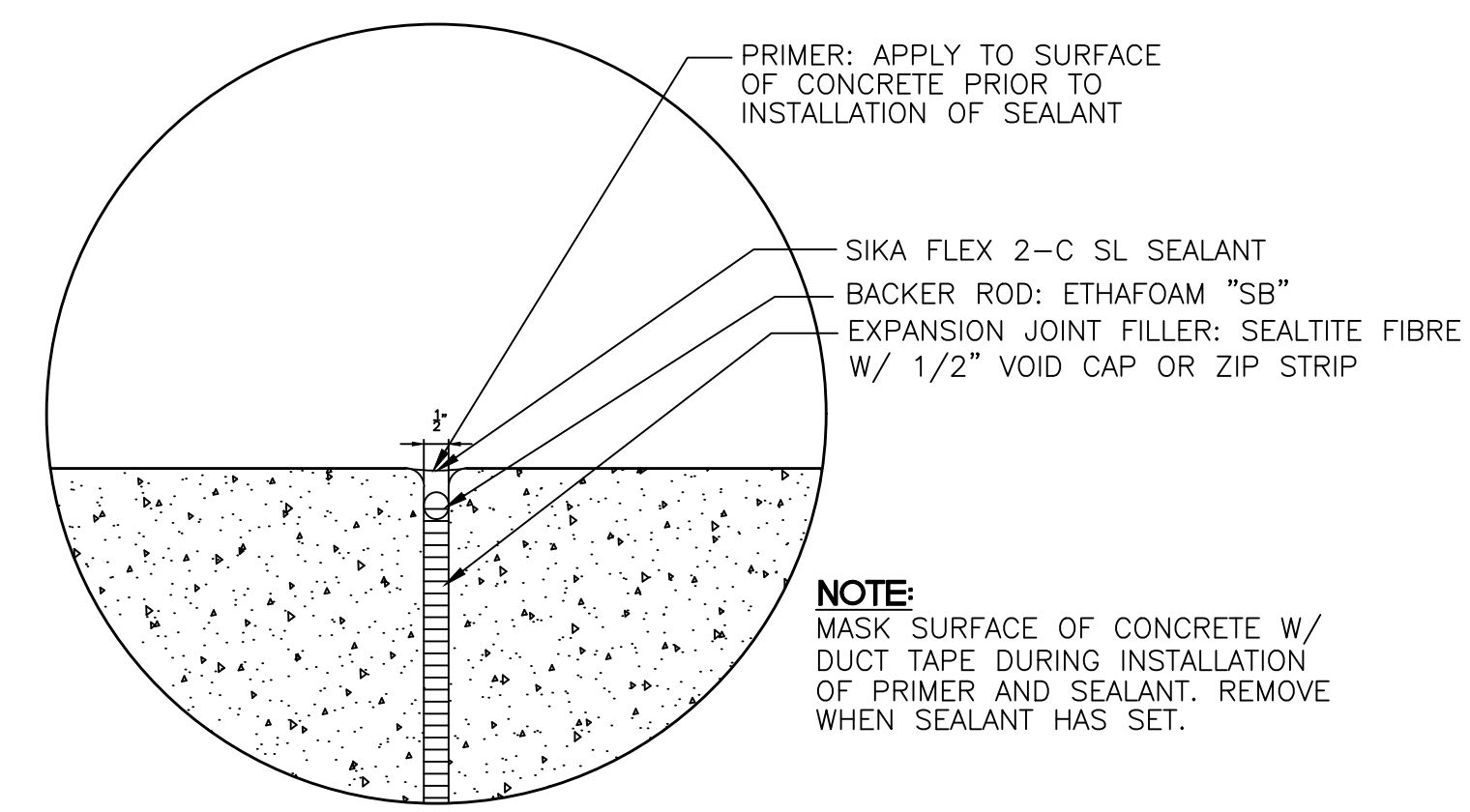
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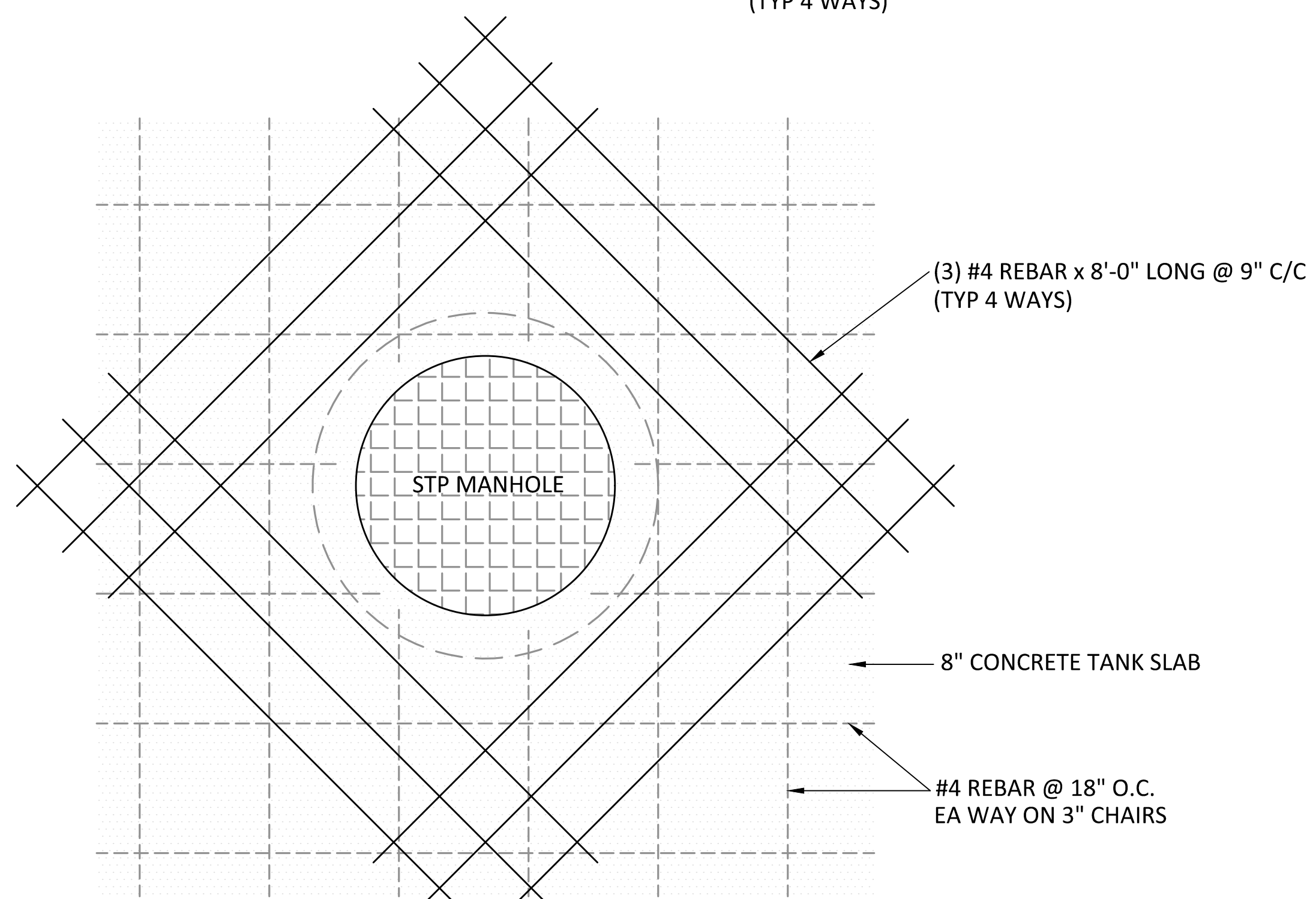
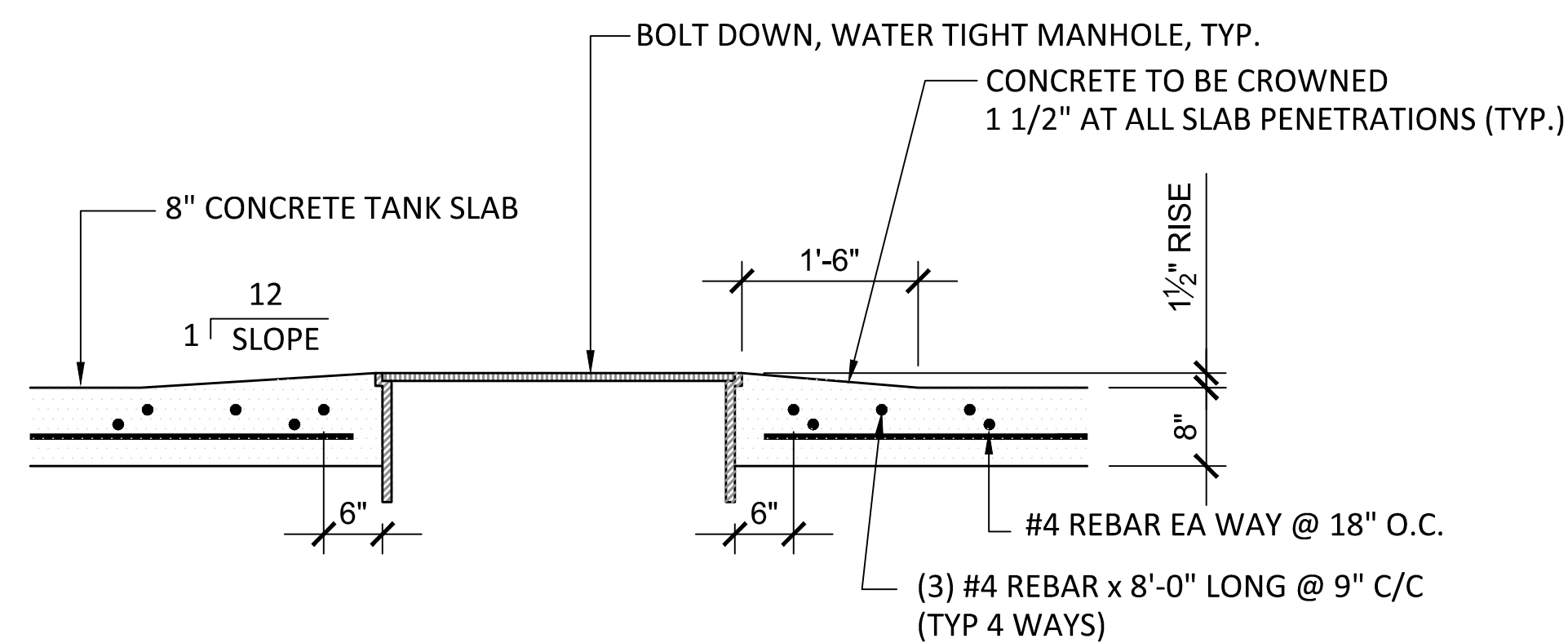
TANK SLAB EDGE



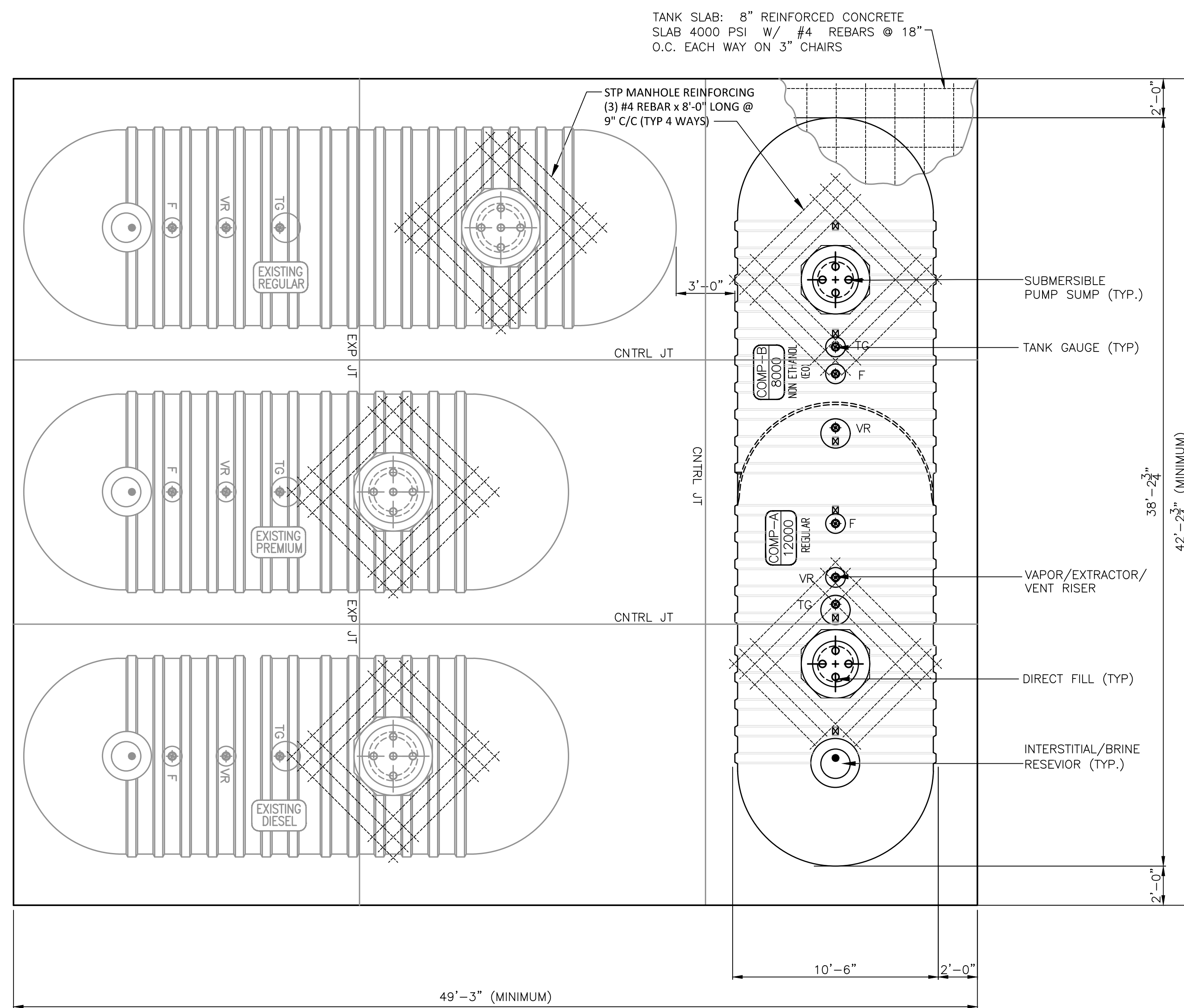
TOOLED CONTROL JOINT



EXPANSION JOINT DETAIL



STP MANHOLE REINFORCING DETAIL
SCALE: 3/4"=1'-0"



TYPICAL TANK SLAB PLAN
SCALE: 1/4" = 1'-0"

NOTE:
REFER TO SITE PLAN FOR ACTUAL
TANK ORIENTATION AND TANK
CONFIGURATION

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
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DAIMIAN D. LESLIE, P.E.
FL. REG #73112

TANK AND PIPING PLANS

SITE DESIGNATIONS:

**7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA**

SCALE: AS NOTED MDM JOB # 18012

DATE: 11-06-2020

DESIGNED BY:

DRAWN BY: SLO/DDB FILE NAME: 18012_TANK_DWG

CHECKED BY:

DRAWING TITLE:

TANK PAD PLAN & DETAILS

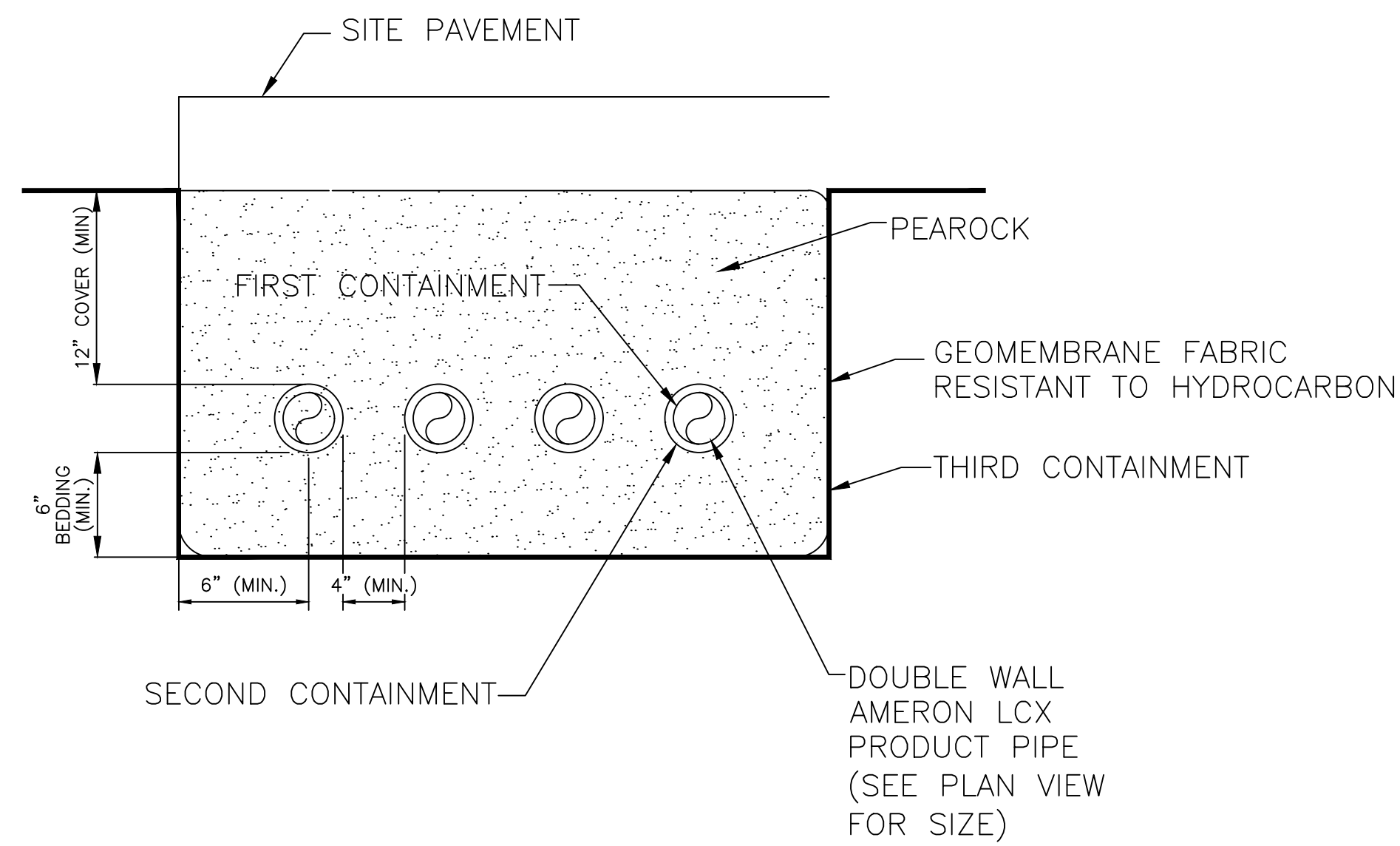
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TA-3

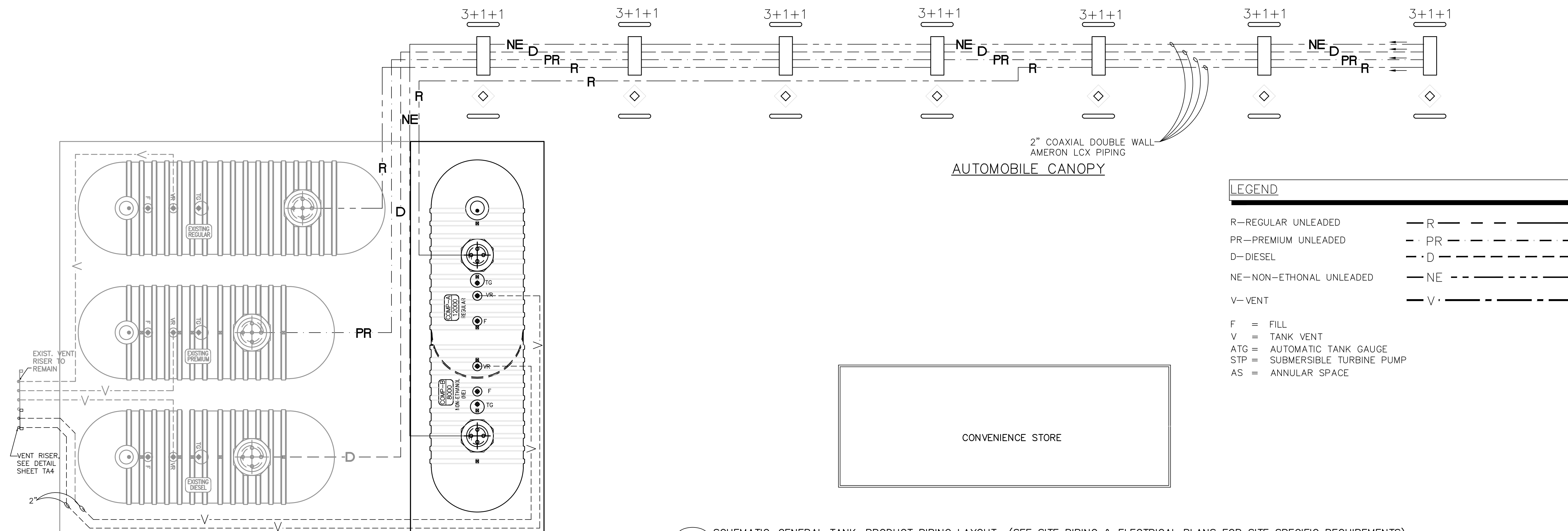
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NOTE:

1. SEE SHEET TA-2.1 FOR SITE SPECIFIC PRODUCT DISPENSER AND PIPING LAYOUT NUMBER OF PRODUCT DISPENSER VARIES.
2. SEE TA-3.2 FOR GENERAL CONDUIT REQUIREMENTS. SEE SITE ELECTRICAL PLAN FOR SITE SPECIFIC ELECTRICAL REQUIREMENTS LAYOUT
3. CONTRACTOR OF VERIFY PRODUCT CONFIGURATION AND PIPE PRODUCT ACCORDINGLY.



TYPICAL PIPELINE TRENCH



1 TA-3.1 SCHEMATIC-GENERAL TANK, PRODUCT PIPING LAYOUT (SEE SITE PIPING & ELECTRICAL PLANS FOR SITE SPECIFIC REQUIREMENTS) N.T.S.

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 4288 Soundside Dr.
 Gulf Breeze, FL. 32563
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN RD., LAKELAND, FL 33809
 EB #004857 Phone: (863) 9130

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 FL. REG #73113

TANK AND PIPING PLANS

SITE DESIGNATIONS:

**7822 NORTH DAVENPORT HWY.
 PENSACOLA, FL 32504**

SCALE: AS NOTED MDM JOB # 18012
 DATE: 11-06-2020
 DESIGNED BY:
 DRAWN BY: SLO/DDB FILE NAME: 18012 TA-3.1.DWG
 CHECKED BY:

DRAWING TITLE:
TANK & PIPING DETAILS

SHEET NO.:
TA-3.1

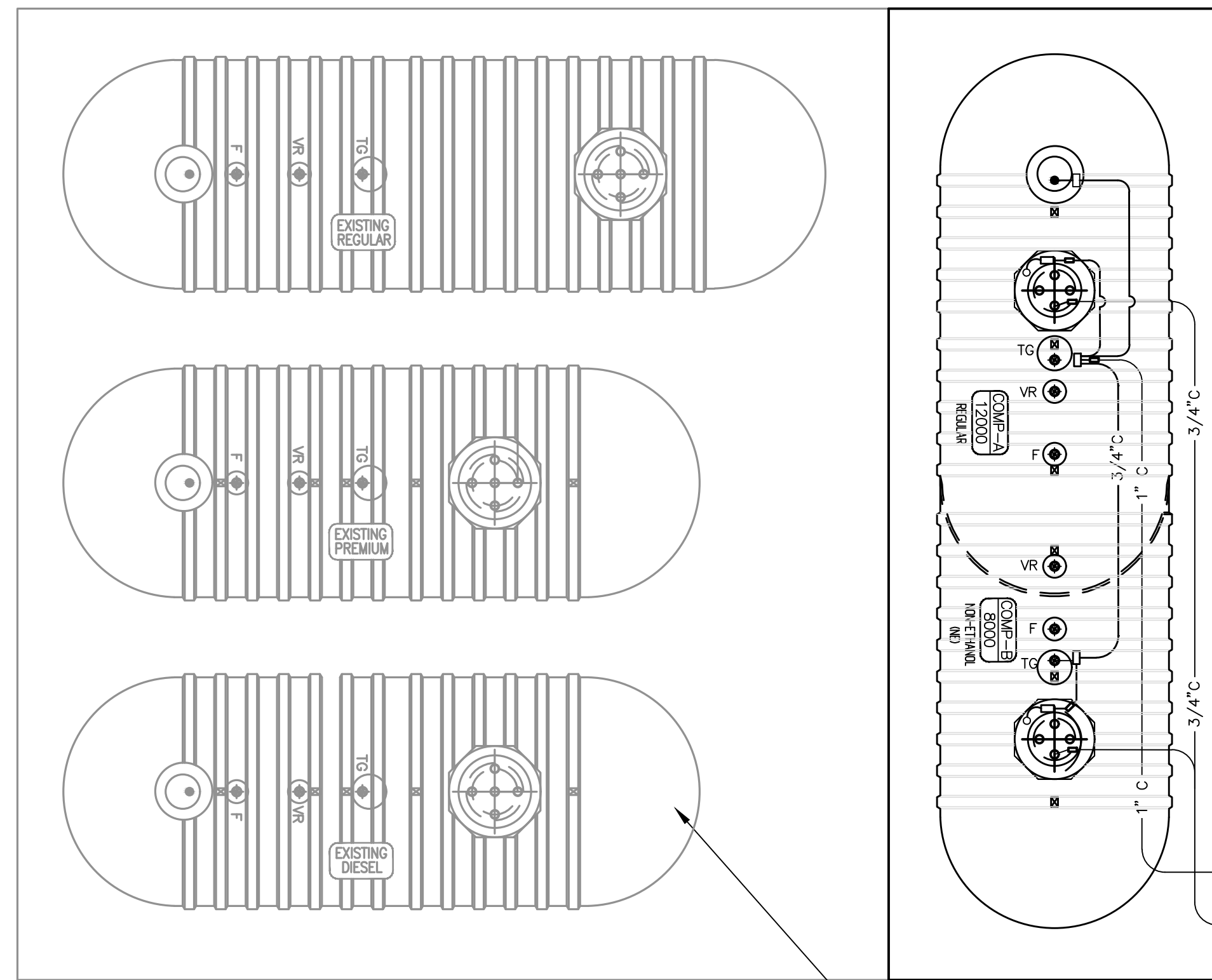
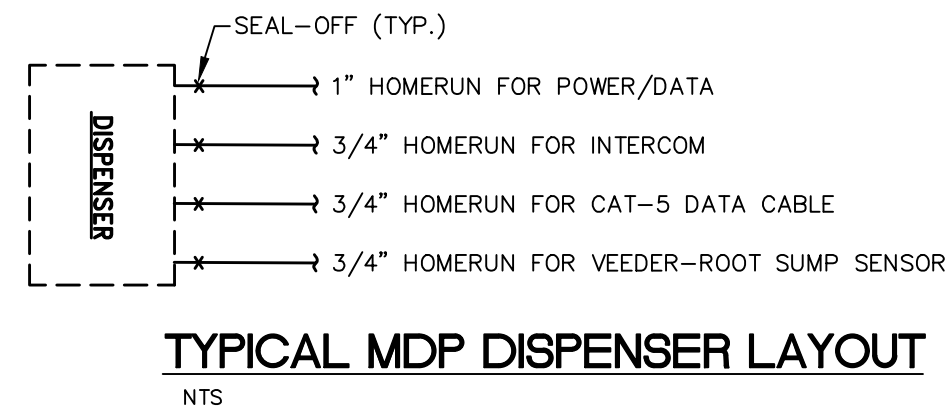


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 Call before you dig.

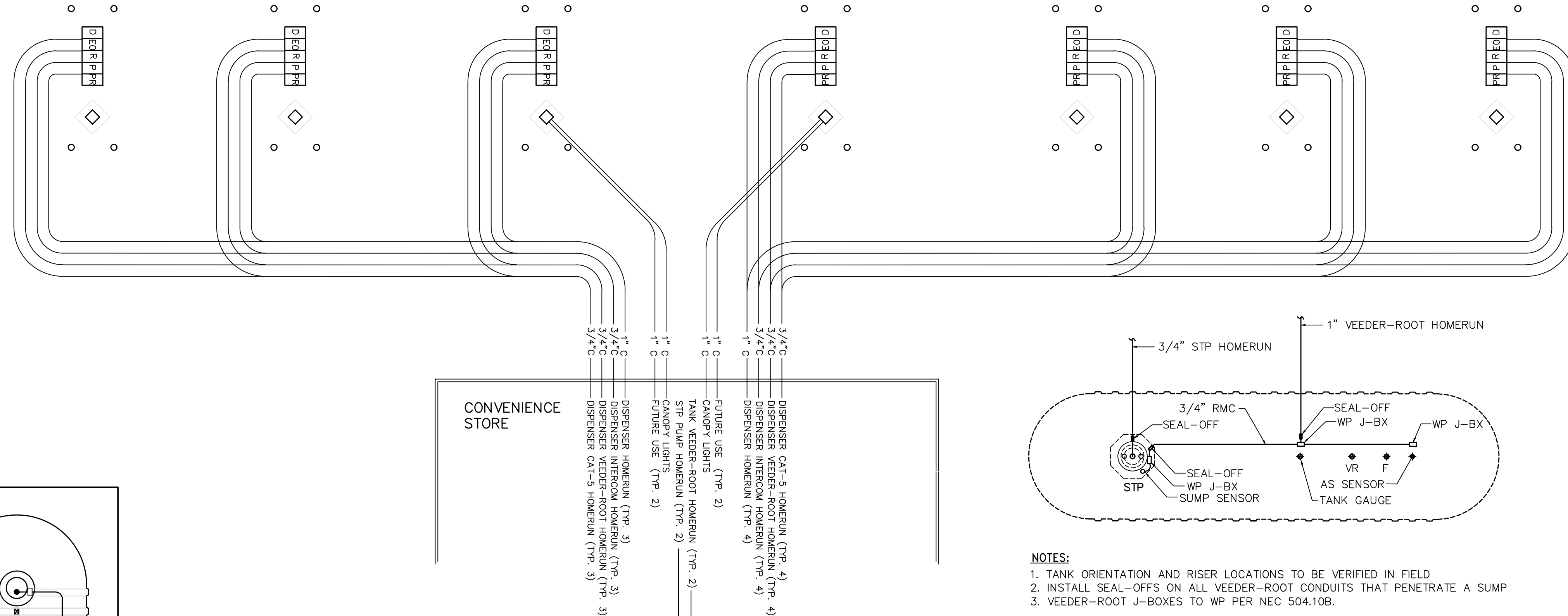
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NOTE:

1. SEE SHEET TA-3.1 FOR GENERAL PRODUCT PIPING LAYOUT. SEE SHEET TA-2.1 FOR SITE SPECIFIC TANK & PIPING INFORMATION.
2. SEE SITE ELECTRICAL PLAN FOR SITE SPECIFIC ELECTRICAL REQUIREMENTS LAYOUT
3. CONTRACTOR OF VERIFY PRODUCT CONFIGURATION AND PIPE PRODUCT ACCORDINGLY.



ALL EXISTING ELECTRICAL TO REMAIN FOR EXISTING TANKS



- NOTES:**
1. TANK ORIENTATION AND RISER LOCATIONS TO BE VERIFIED IN FIELD
 2. INSTALL SEAL-OFFS ON ALL VEEDER-ROOT CONDUITS THAT PENETRATE A SUMP
 3. VEEDER-ROOT J-BOXES TO WP PER NEC 504.10B.

AUTOMOBILE CANOPY

TYPICAL ELECTRICAL CONDUIT / WIRE SCHEDULE				
EACH ITEM TO HAVE A DEDICATED HOMERUN CONDUIT. DO NOT COMBINE CONDUITS.				
ITEM	CONDUIT SIZE	CONDUIT TYPE	WIRE / CABLE	NOTES
CANOPY LIGHTS AND SIGNS	1"	RMC/PVC	SEE SITE ELECTRICAL PLANS FOR CONDUCTOR REQUIREMENTS	HOMERUN FROM BUILDING FOR CANOPY LIGHTS & SIGNS.
CANOPY FUTURE DVR	1"	RMC/PVC	PULL STRING	HOMERUN FROM BUILDING FOR FUTURE DVR
DISPENSER POWER/DATA	1"	RMC/PVC	(5) #12 (PWR & SPARES) (3) #14 (SWITCH LEGS) (1) #18 TW-PAIR (DATA) (1) #18 TW-PAIR (CRIND)	HOMERUN FROM DISP. FOR PWR, CONTROLS & DATA. DATA WIRES TO BE CONTINUOUS FROM DISP. TO DATA BOX WITH NO SPLICES.
DISPENSER INTERCOM	3/4"	RMC/PVC	HOUSTON WIRE #H50850 (OE)	HOMERUN FROM INTERCOM CONSOLE IN UTILITY ROOM. ONE CABLE PER DISPENSER
DISPENSER SUMP SENSOR	3/4"	RMC/PVC	HOUSTON WIRE #H32600 (O.E.) (1) CABLE PLUS (1) #12 EGC	HOMERUN FROM VEEDER-ROOT CONSOLE IN UTILITY ROOM.
GAS DISPENSER CAT-5	3/4"	RMC/PVC	CAT-5 CABLE BELDEN 7928A (O.E.)	HOMERUN FROM GAS EQUIPMENT IN UTILITY ROOM, ONE CABLE PER DISPENSER
STP POWER	3/4"	RMC/PVC	(4) #10 (3-H, 1-G)	3-PHASE POWER FROM VFC
TANK SENSORS HOMERUN (PER TANK)	1"	RMC/PVC	HOUSTON WIRE #H32600 (O.E.) CABLES AS REQ'D PER TANK EQUIPMENT PLUS (1) #12 EGC	HOMERUN FROM VEEDER-ROOT CONSOLE TO TANK GAUGE RISER CABLES FOR (1-PER TANK GAUGE, 1-PER ANNULAR SPACE, & 1-PER STP SUMP)
TANK SENSORS LOOPS (PER TANK)	3/4"	RMC	HOUSTON WIRE #H32600 (O.E.) (1) CABLE PLUS (1) #12 EGC	(1) CABLE (LOOP FROM TG RISER TO AS RISER)
TANK SENSORS LOOPS (PER TANK)	3/4"	RMC	HOUSTON WIRE #H32600 (O.E.) (1) CABLE PLUS (1) #12 EGC	(1) CABLE (LOOP FROM TG RISER TO STP SUMP)
REMOTE E-STOP & VEEDER-ROOT ALARM	1"	RMC/PVC	(2) #10 (E-STOP CONTROLS) (2) #10 (TLS-350 RELAY) (2) #10 (ALARM POWER) (1) #10 (GRD)	REMOTE E-STOP CONTROLS AND VEEDER-ROOT OVERFILL ALARM TO REMOTE E-STOP J-BOX
OVERFILL ALARM	3/4"	RMC	(2) #10 (TLS-350 RELAY) (2) #10 (ALARM POWER) (1) #10 (GRD)	LOOP FROM REMOTE E-STOP J-BOX TO OVERFILL ALARM J-BOX. SEE SHEET TA2.1 FOR DETAILS.

1 TA-3.2 SCHEMATIC-GENERAL CONDUIT LAYOUT AND ELECTRICAL PLAN (SEE SITE PIPING & ELECTRICAL PLANS FOR SITE SPECIFIC REQUIREMENTS) N.T.S.



Know what's below. Call before you dig.

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 34052
EB #004857 Phone: (853) 9130

NO.	DATE	REVISION	DESCRIPTION

This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date shown. Printed copies of this document are not considered signed and sealed and must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
FL. REG #73113

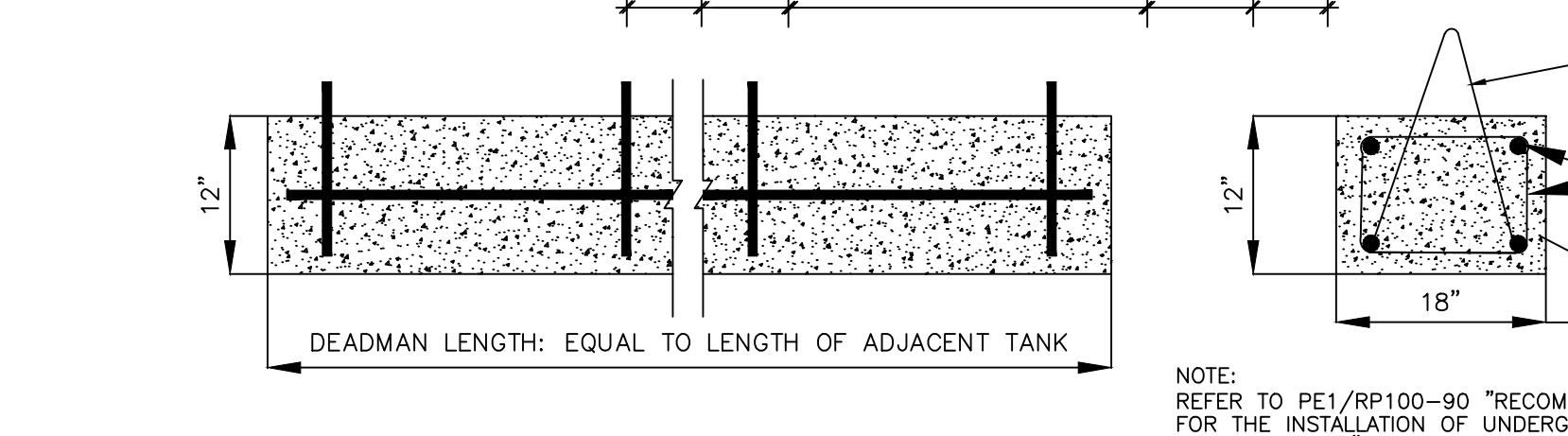
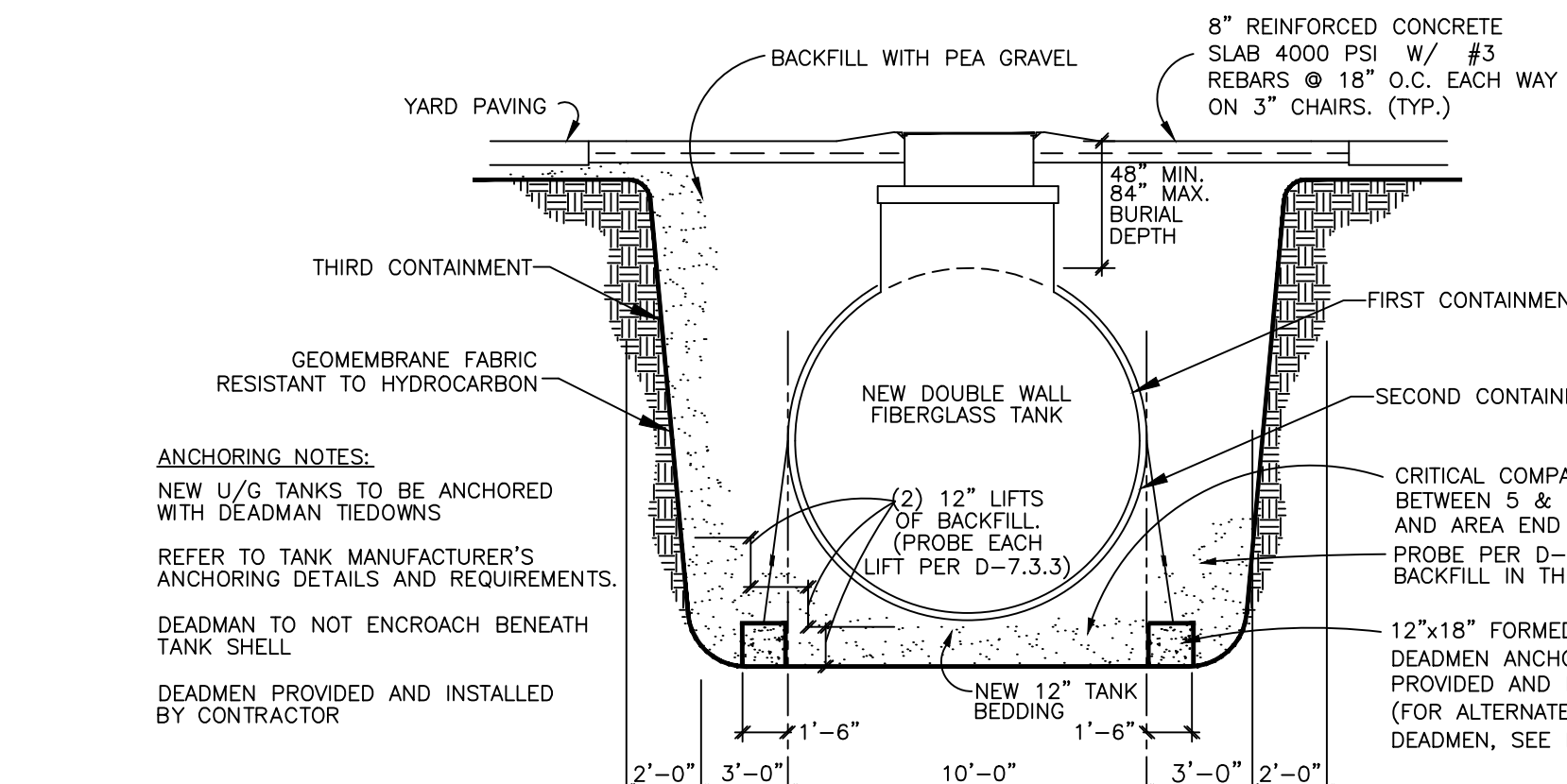
TANK AND PIPING PLANS

SITE DESIGNATIONS:
**7822 NORTH DAVENPORT HWY.
PENSACOLA, FL 32504**

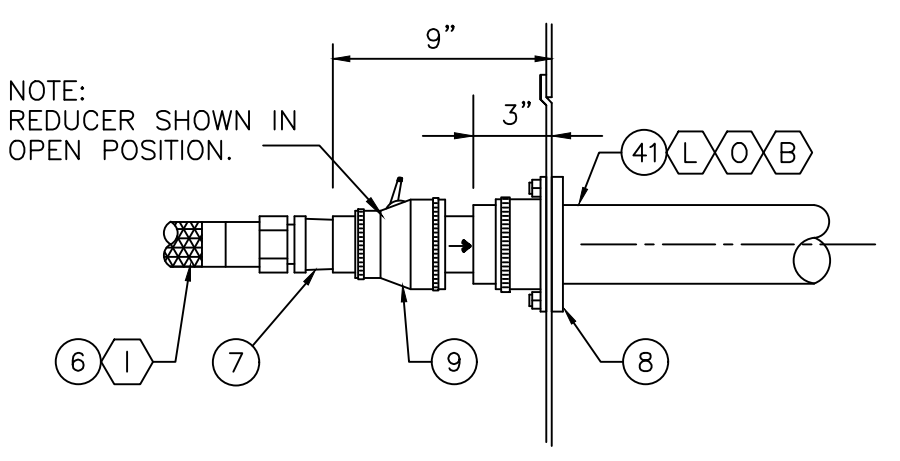
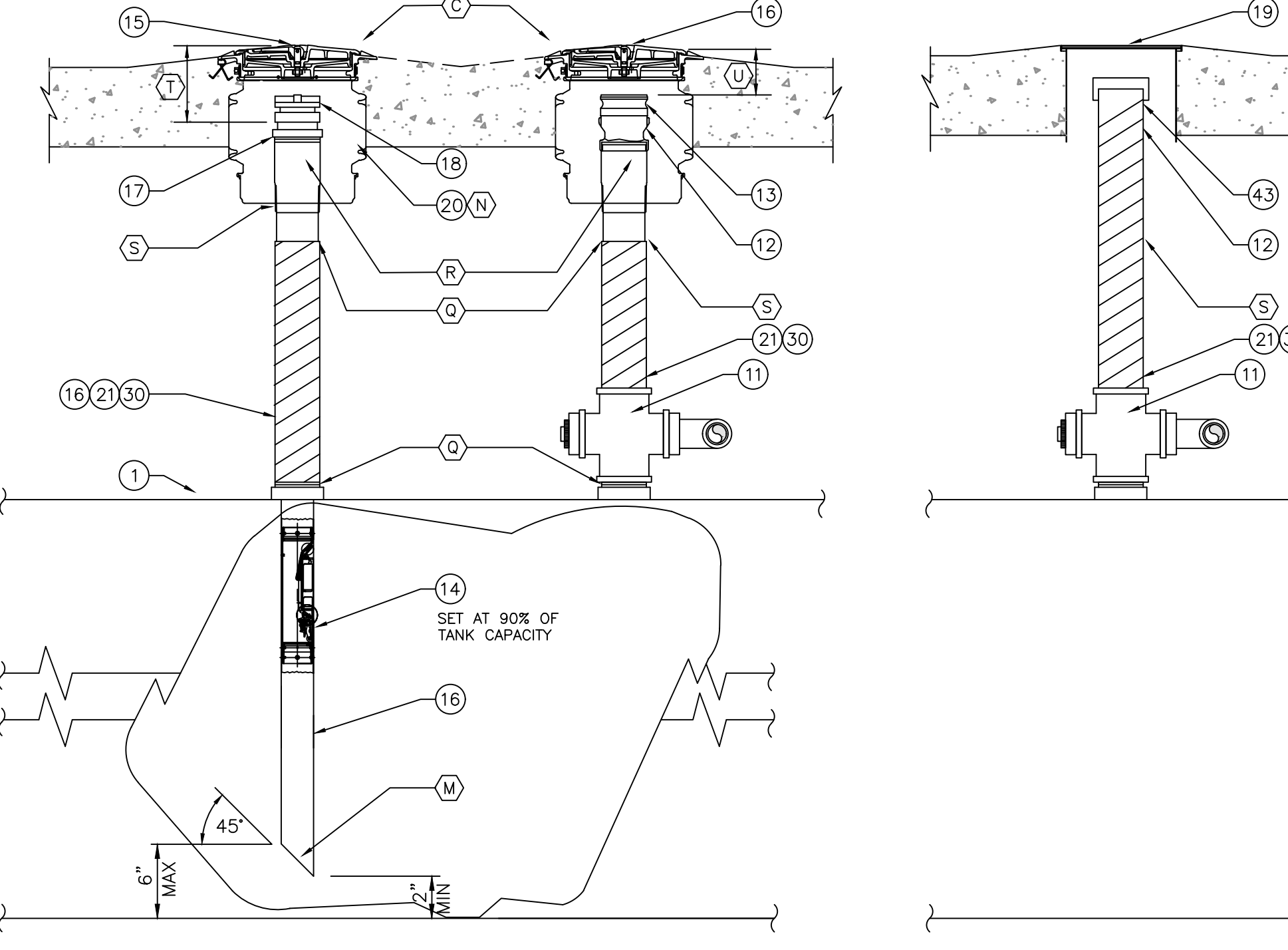
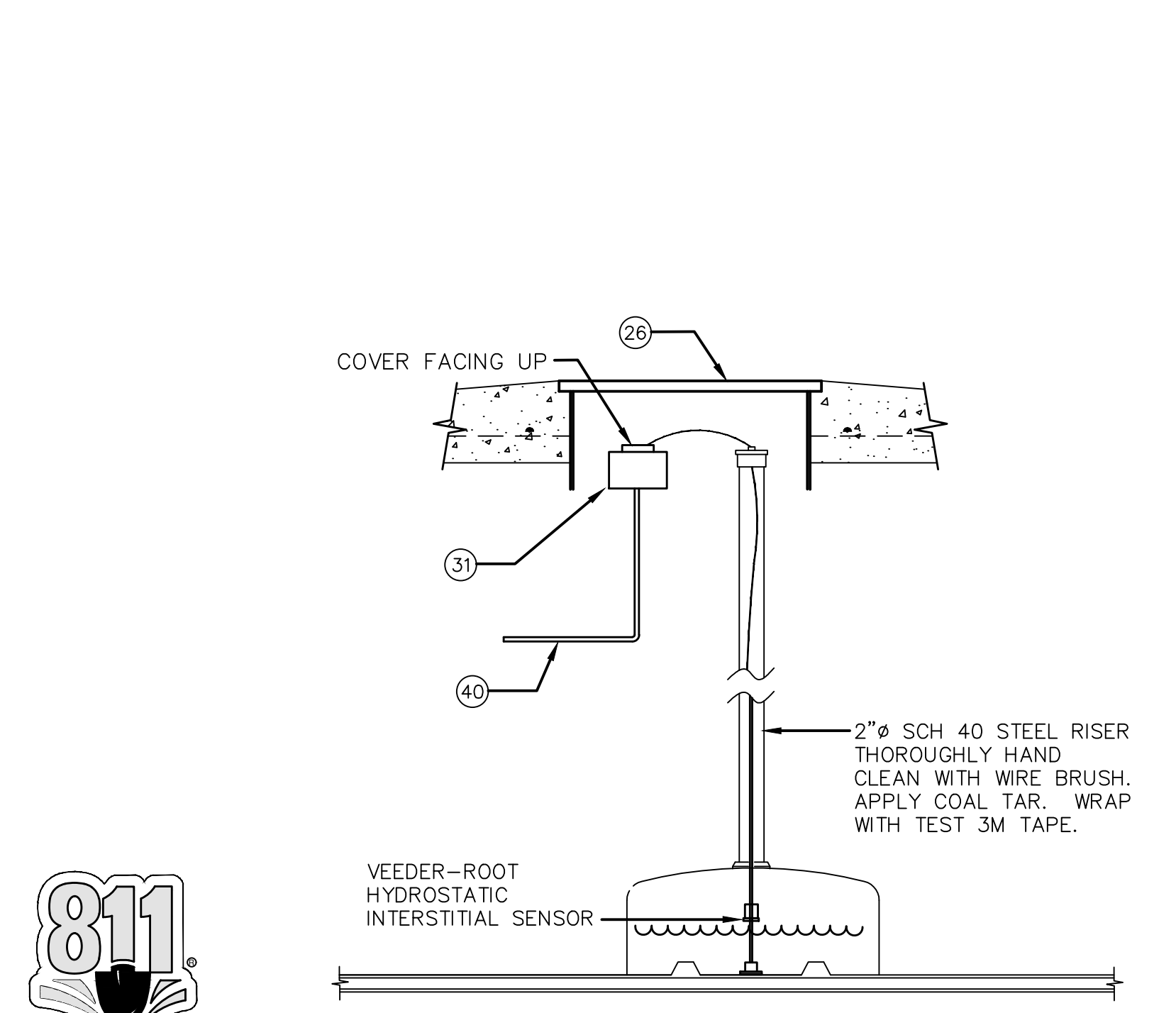
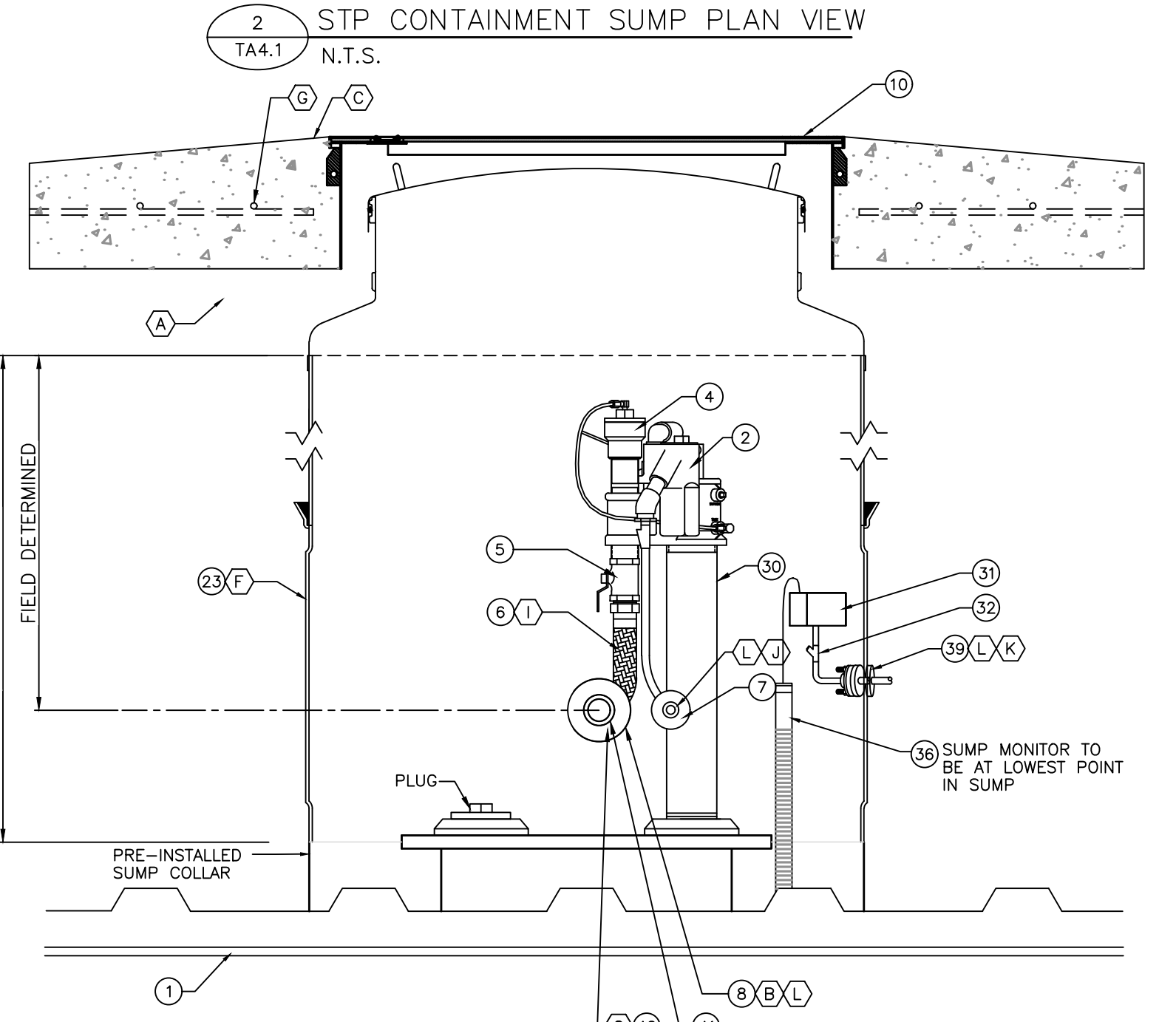
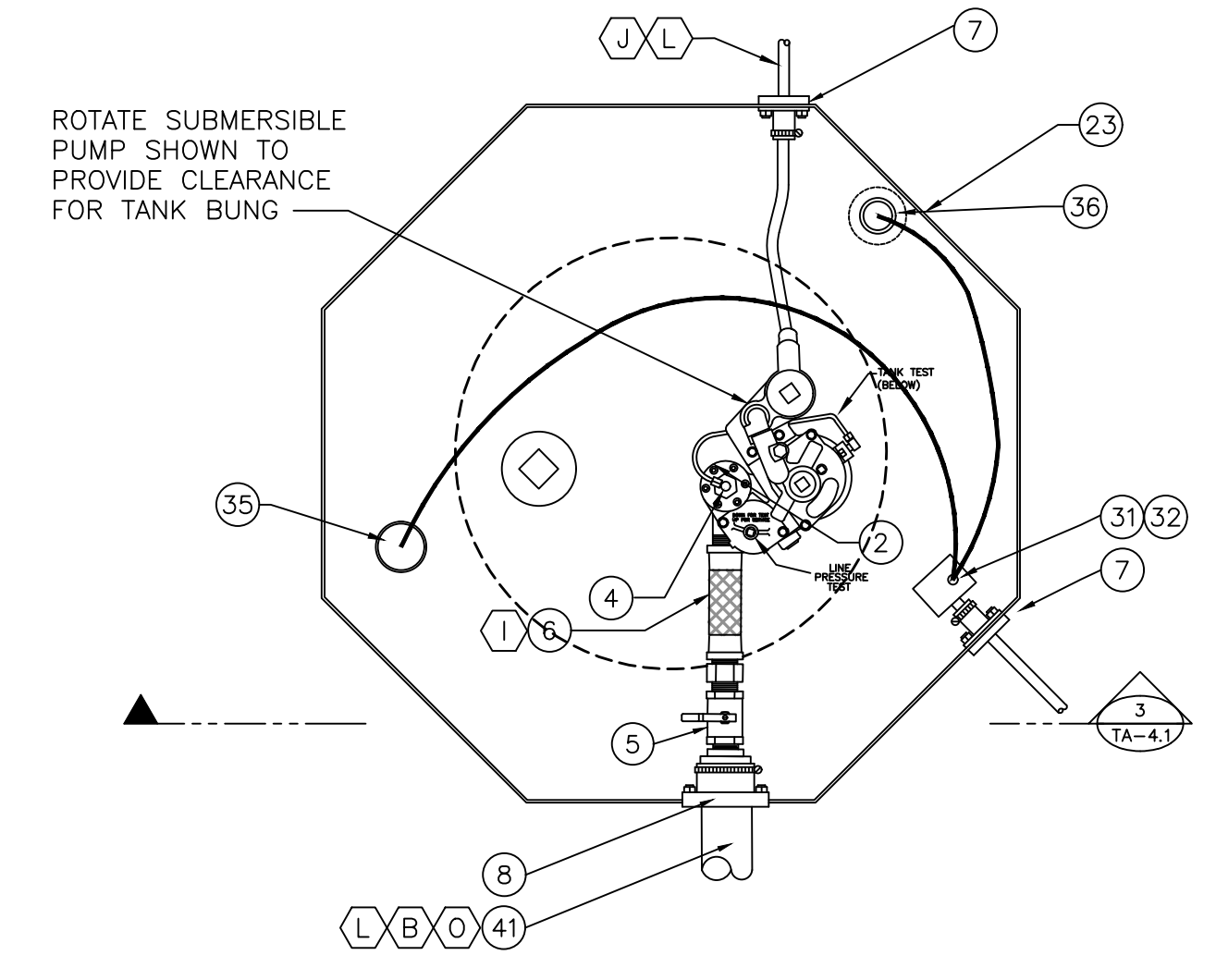
SCALE: AS NOTED MDM JOB # 18012
DATE: 11-06-2020
DESIGNED BY:
DRAWN BY: SLO/DBB FILE NAME: TA-3.2.DWG
CHECKED BY: 18012

DRAWING TITLE:
CONDUIT & ELECTRICAL PLAN
SHEET NO.:
TA-3.2

ISSUED FOR BID 03/08/2024



1 UNDERGROUND TANK SECTION
TA4.1 N.T.S.



NOTES

(A) CLEAN COMPACTABLE BACKFILL. ALL OTHER MATERIAL MUST BE APPROVED BY TANK MANUFACTURER AND OWNER'S FIELD REPRESENTATIVE.

(B) PRODUCT PIPE & FITTINGS TO BE AMERON LCX AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS

(C) SLOPE CONCRETE AWAY FROM ALL MANHOLES 1" RISE OVER 12" RUN, EXCEPT WHERE INDICATED.

(D) DO NOT USE THREAD SEALANT ON THREADS COMMON TO CAGE AND BASE. WHEN INSTALLING CAGE INTO BASE, LUBRICATE THREADS WITH LIGHT COATING OF GREASE. DO NOT OVERTIGHTEN.

(E) TANK BOTTOMS SHALL BE INSTALLED LEVEL.

(F) INSTALL LID ONTO SUMP RISER AND SUMP RISER ONTO SUMP BASE USING ALL SUPPLIED GASKETS/ "O" RINGS, BOLTS, STEEL PLATES, ETC. PER SUMP MANUFACTURER'S INSTALLATION INSTRUCTIONS.

(G) REINFORCE CONCRETE SLAB AROUND MANHOLE W/ #4 REBAR 8" IN LENGTH @ O.C. PLACE REBAR 6" FROM SIDES OF BOX, MIN. 2" COVER.

(H) 8" THICK 4000 PSI CONCRETE SLAB REINFORCED W/ #3 REBAR @ 18" O.C. TANK SLAB TO EXTEND 2' PAST TANK HOLE IN ALL DIRECTIONS.

(I) MINIMUM BEND RADIUS 4".

(J) 3/4" CONDUIT FROM EACH SUBMERSIBLE PUMP TO BUILDING. TERMINATE WITH SPLIT-OFF PER NFPA SPECIFICATIONS.

(K) 3/4" CONDUIT FOR STP SUMP SENSORS, LOOPED FROM TANK GAUGE.

(L) ALL PENETRATIONS MUST BE PERPENDICULAR TO CONTAINMENT SUMPS.

(M) CUT AND POSITION FILL TUBE WITH ANGLE AWAY FROM SUBMERSIBLE PUMP. OWNER'S ENGINEER SHALL VERIFY DROP TUBE HEIGHT.

(N) INSTALL TANK ID. MARKERS IN THE SPILL CONTAINMENT MANHOLES USING NORM CLAMP AROUND FILL RISERS. INCLUDE OXYGENATED FUEL DATE TAGS WHERE APPLICABLE. SECURE IN PLACE.

(O) PIPING SHALL BE LAID AND CONTINUOUSLY SUPPORTED ON A 6" COMPACTED BEDDING OF PEA GRAVEL. NO PIPING SHALL BE SUPPORTED BY BLOCKS, PLANKS, OR OTHER DEBRIS. MAINTAIN 7" MINIMUM COVER BETWEEN SLAB BOTTOM AND TOP OF FRP PIPE/FITTINGS. PIPING STANDARD FALL TO BE 1/4" PER FOOT. VAPOR LINE FALL TO BE VERIFIED BY CIRCLE K CONSTRUCTION MANAGER AFTER PIPING IS LAID ON GRAVEL BEDDING.

(P) INTERIOR OF FIBERGLASS CONTAINMENT SUMP TO BE CLEAR OF SOIL, TRASH AND ANY LIQUID.

(Q) THOROUGHLY HAND CLEAN WITH WIRE BRUSH THE G.I. RISER SURFACE WITHIN 3" OF EXISTING TANK FITTING. ALL METALLIC COMPONENTS ABOVE, TANK AND LOWER 1' OF SPILL CONTAINER, APPLY EPOXY PRIMER TO THESE AREAS. WRAP WITH 3M TAPE 20 MIL THICK.

(R) 4" G.I. NIPPLE, TIGHT FILL ADAPTER (OR STAGE I VR DRY BREAK) AND LOCKING CAP. MAINTAIN 1 1/2" TO 2" BETWEEN CAP AND OVERFILL CONTAINER COVER. USE STABILIZER BARS SUPPLIED WITH OVERFILL CONTAINER TO ESTABLISH CORRECT FINISHED ELEVATION.

(S) THE TORQUE RECOMMENDATION FOR TIGHTENING THE EMCO SPILL CONTAINERS TO THE RISER PIPES IS 250FT. LBS. MAXIMUM.

(T) 5 1/2" BELOW THE MANHOLE RIM ELEVATION.

(U) VAPOR RECOVERY ADAPTOR FINISHED HEIGHT TO BE 3 1/2" TO 4 1/2" BELOW THE MANHOLE RIM ELEVATION.

(V) TAG# MODEL 3902 OR "S.Z./GEMNEY" MODEL G-100C 1/2"-1 1/2" HEAVY DUTY GROUNDING CLAMP OR OWNER APPROVED EQUAL.

(W) #5 REINFORCING STEEL BAR, MINIMUM 8" LONG PLACED HORIZONTALLY IN NATIVE SOIL. BAR IS TO BE AT 30" MINIMUM BELOW CONCRETE SLAB.

(X) #8 BRAIDED OR SOLID COPPER GROUNDING CONDUCTOR ROUTED IN SERIES BETWEEN BOTH SPILL CONTAINERS. CONNECT TO SPILL CONTAINERS AT GROUNDING STUDS PROVIDED. SECURELY CRIMP TO CONDUCTOR WITH WYTHOOD. NO MARKS OR WELDS. CONDUCTORS ARE NOT PERMITTED BETWEEN GROUNDING STUDS AND/OR GROUNDING ROD.

(Y) SLOPE PER SOILS REPORT OR TANK MANUFACTURER INSTALLATION INSTRUCTIONS

NO	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL	SUPPLIED BY	INSTALLED BY	NOTES
1A	20K U/G STORAGE TANK (COMPARTMENTED 12K GAL PREMIUM-8K GAL. EO) D/W, BRINE ANNULAR, AND (2) SUMPS	CONTAINMENT SOLUTIONS, INC.	DBL. WALL FIBERGLASS	CK	G.C.	SEE TA-0, TA-3, TA4
1B	12K DIESEL U/G STORAGE TANK D/W, BRINE ANNULAR, AND (1) SUMP	CONTAINMENT SOLUTIONS, INC.	DBL. WALL FIBERGLASS	CK	G.C.	SEE TA-0, TA-3, TA4 SEE TA-0, TA-3, TA4 SEE TA-0, TA-3, TA4
1C	20K REGULAR U/G STORAGE TANK D/W, BRINE ANNULAR, AND (1) SUMP	CONTAINMENT SOLUTIONS, INC.	DBL. WALL FIBERGLASS	CK	G.C.	SEE TA-0, TA-3, TA4
2	2 HP SUBMERGED TURBINE PUMP-- FIXED SPEED/VARIABLE LENGTH	RED JACKET	RJP200U1-RJ2 107"-168"	CK	G.C.	
3	STP IQ CONTROL BOX	RED JACKET	RJ-880-051-1	CK	G.C.	
4	MECHANICAL LINE LEAK DETECTOR	FE PETRO	STP-MLD-D 403170903	CK	G.C.	
5	2" FULL BORE BALL VALVE	JOMAR	JL-T100-2PC	CK	G.C.	
6	2"DIA. x12"LONG MSW xHEX MALE FLEX CONN	HOSE MASTER	OF-2X12MMS	CK	G.C.	
7	2" FRP ADAPTER-- BELL X NPT MALE	AMERON LCX	AM-BXM-2	CK	G.C.	
8	2" FIBERGLASS ENTRY - 2" LCX PIPE	BRAWO	BR-F20FF-LCX	CK	G.C.	
9	2" TERMINATION FITTING WITH TEST PORT	OPW	TBA-0200	CK	G.C.	
10	44" ROUND COMPOSITE CAM LOCK MANWAY W/10" SKIRT	EMCO WHEATON	EW-A0716-044C	CK	G.C.	
11	4"x4"x2" EXTRACTOR FITTING W/O CAGE	OPW	233-4420	CK	G.C.	
12	SWIVEL VAPOR RECOVERY ADAPTER, BRASS FOR STAGE I VR	EMCO WHEATON	A0076-124S	CK	G.C.	
13	4" STAGE I VAPOR ADAPTER CAP	EMCO WHEATON	A0099-002	CK	G.C.	
14	4"x 18" OVERFILL VALVE ASSEMBLY EVR	EMCO WHEATON	A1100EVR-057	CK	G.C.	UPPER TUBE 89" LOWER TUBE 164"
15	FILL-5 GAL. D.W. SPILL CONTAINMENT, NO DRAIN, MONITOR STAINLESS STEEL BUCKETS W/ CAST IRON LIDS.	EMCO WHEATON	A1004EVR-316S	CK	G.C.	
16	VAPOR-5 GAL. THREAD ON S.W. SPILL CONTAINMENT, NO DRAIN, STAINLESS STEEL SINGLE WALL	EMCO WHEATON	A1004EVR-316A	CK	G.C.	
17	4" FILL PIPE, SWIVEL, ADAPTOR, BRASS	EMCO WHEATON	A0030-124S	CK	G.C.	
18	4" TIGHT FILL CAP, EPOXY COATED	EMCO WHEATON	A0097-005	CK	G.C.	
19	4"x24" THIN WALL RISER MANHOLE (DIESEL TANK ONLY).	FE PETRO	400168924	CK	G.C.	
20	FILL PIPE ID TAGS W/PRODUCT ID & TANK CAPACITY	-	DROPS PAINTED TO APPROPRIATE COLORS	CK	G.C.	
21	3M SCOTCH-RAPE TAPE	3M	TYPE 51 20 MIL	G.C.	G.C.	
22	16" TANK STICK (TO BE LEFT @ STORE)	BAGBY	BG1-16	CK	G.C.	
23	42" DIA. OCTAGON FIBERGLASS CONTAINMENT SUMP & LID ASSEMBLY	CONTAINMENT SOLUTIONS, INC.	SW PTS (WT34)42/B-4	CK	G.C.	
24	STANDARD STP 65psi HIGH PRESSURE CHECK VALVE	FE PETRO	402459931			
25	A/G COMPATIBLE SYPHON CHECK VALVE ASSEMBLY	FE PETRO	400137937			
26	18" STANDARD MANHOLE W/ 10" SKIRT	EMCO WHEATON	A0717-018	CK	G.C.	
27	TURN BUCKLES & ANCHORS			CK	G.C.	
28	HOLD DOWN STRAPS (10" DIA. OR 8" DIA)			CK	G.C.	
29	1" X 18" MALE X MALE SWIVEL FLEX CONNECT	HOSE MASTER	OF-1X18MMS	G.C.	G.C.	
30	4" X 19.5" RISER PIPE (LENGTH AS REQUIRED)	BRAWO	RJ-065-160-3	G.C.	G.C.	SEE NOTE AA
31	JUNCTION BOX		CH GUP215	G.C.	G.C.	
32	SEAL OFF		CH EYD2	G.C.	G.C.	
33	4" PIPE CAP - SCH. 40 GALV.			G.C.	G.C.	
34	3" DIA. PLUG FOR EXTRACTOR CROSS			G.C.	G.C.	
35	INTERSTITIAL PROBE	VEEDER ROOT	794390-420	CK	G.C.	SEE TA-2, SECTION I
36	SUMP PROBE	VEEDER ROOT	794380-208	CK	G.C.	SEE TA-2, SECTION I
37	VEEDER-ROOT AUDIBLE OVERFILL ALARM & ACKNOWLEDGEMENT SWITCH	VEEDER ROOT	VR-790091-001CX/VR-790095-001CX	CK	G.C.	
38	VEEDER-ROOT TLS 450 TANK GAUGE & LEAK DETECTION	VEEDER ROOT	VR-860390-100	CK	G.C.	SEE TA-2, SECTION I
39	3/4" OR 1" SUMP ENTRY BOOT	BRAWO	F-07-FF OR F-10-FF	CK	G.C.	AS OCCURS
40	RIGID METAL CONDUIT (RMC)			G.C.	G.C.	SEE TA-3.1
41	2" (FRP) COAX FIBERGLASS PIPE	AMERON LCX		CK	G.C.	
42	2" THREAD ON PRESSURE VACUUM VENT W/ 3" PRESSURE WATER COLUMN AND 8" VACUUM WATER COLUMN	OPW	623V-2203	CK	G.C.	
43	4" DURATUFF PIPE CAP	OPW	116-7085	CK	G.C.	
44	2" ALUMINUM TANK VENT	OPW	23-0033	CK	G.C.	
45	2" SINGLE WALL FIBERGLASS PIPE	AMERON LCX		CK	G.C.	

CLIENT:

ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:

MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 34032
EB #004857 Phone: (863) 633-1150

NO.	DATE	REVISION	DESCRIPTION
			This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date shown. Printed copies of this document are not considered signed and sealed and must be verified on any electronic copies.

DAIMIAN D LESLIE, PE
FL. REG #73113

TANK AND PIPING PLANS

SITE DESIGNATIONS:

**7822 NORTH DAVID HWY.
PENSACOLA, FLORIDA**

SCALE: AS NOTED MDM JOB # 18012

DATE: 11-06-2020

DESIGNED BY:

DRAWN BY: SLO/DBB FILE NAME: 18012.TAN.PIPING.DWG

CHECKED BY:

DRAWING TITLE:

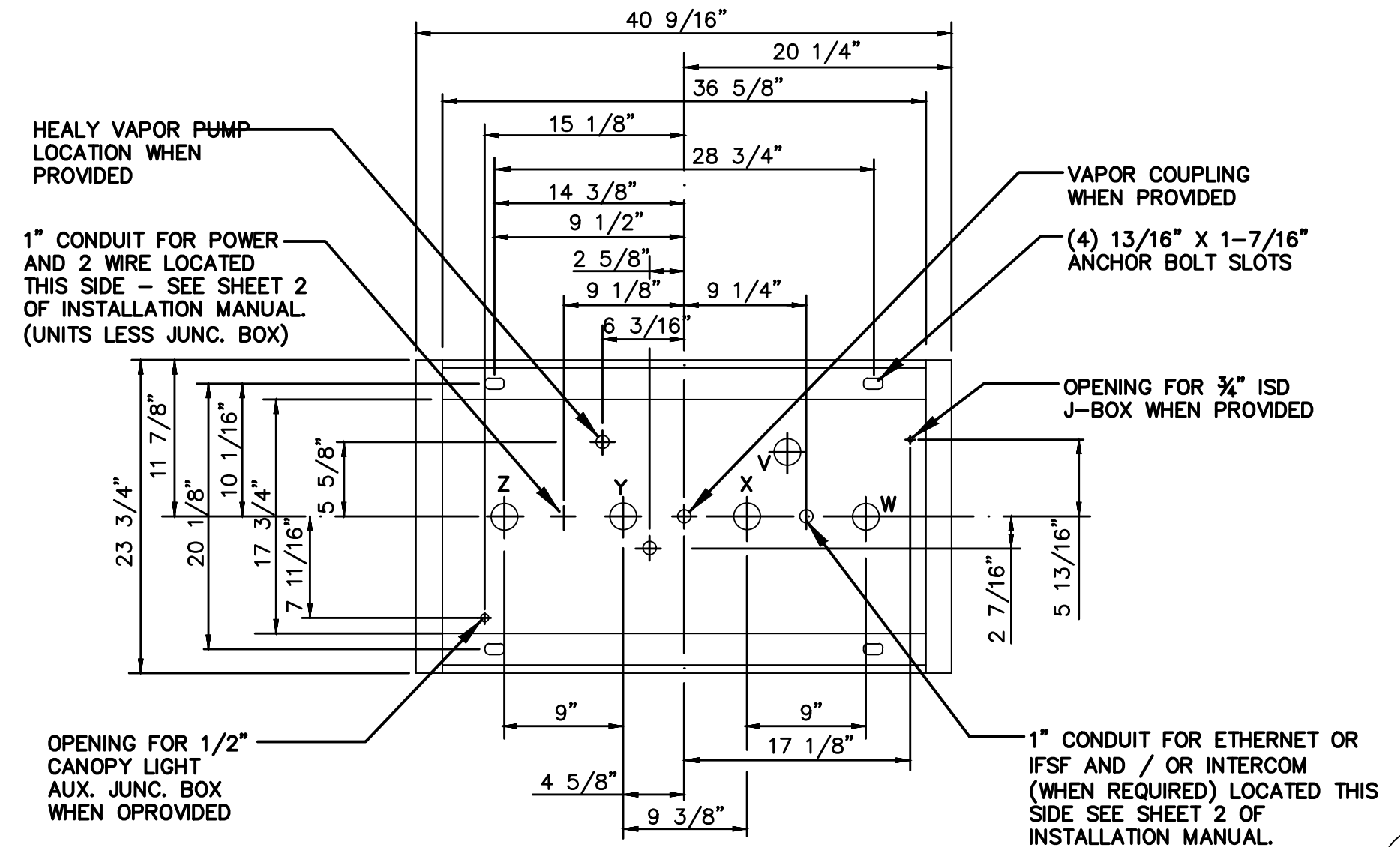
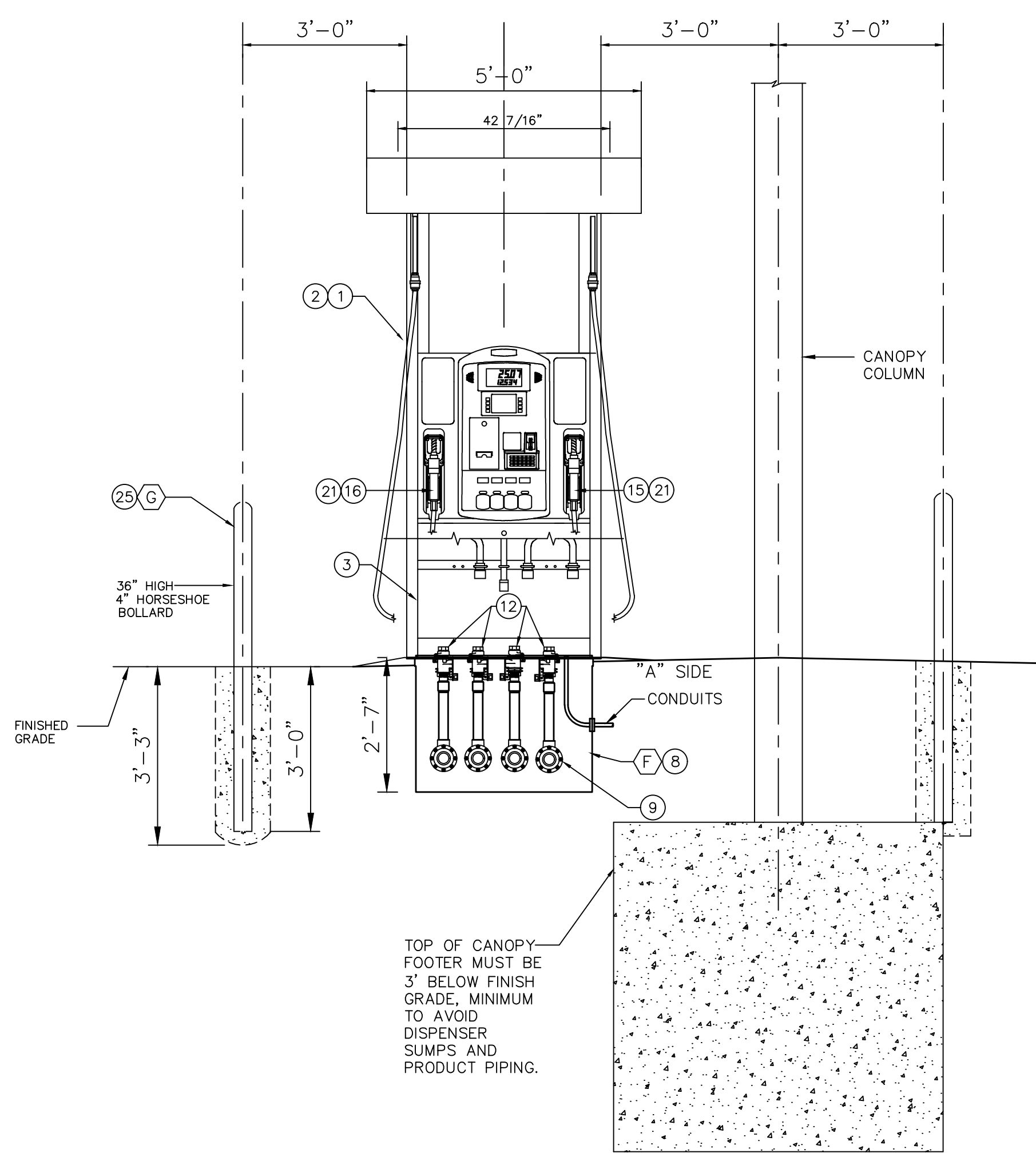
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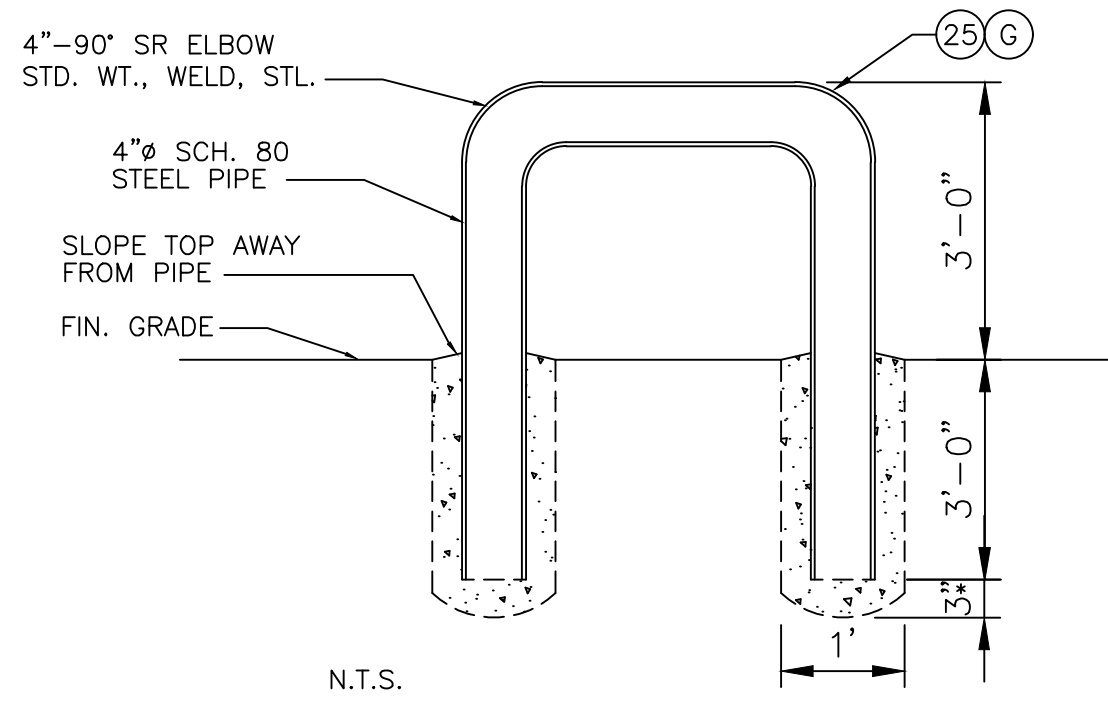
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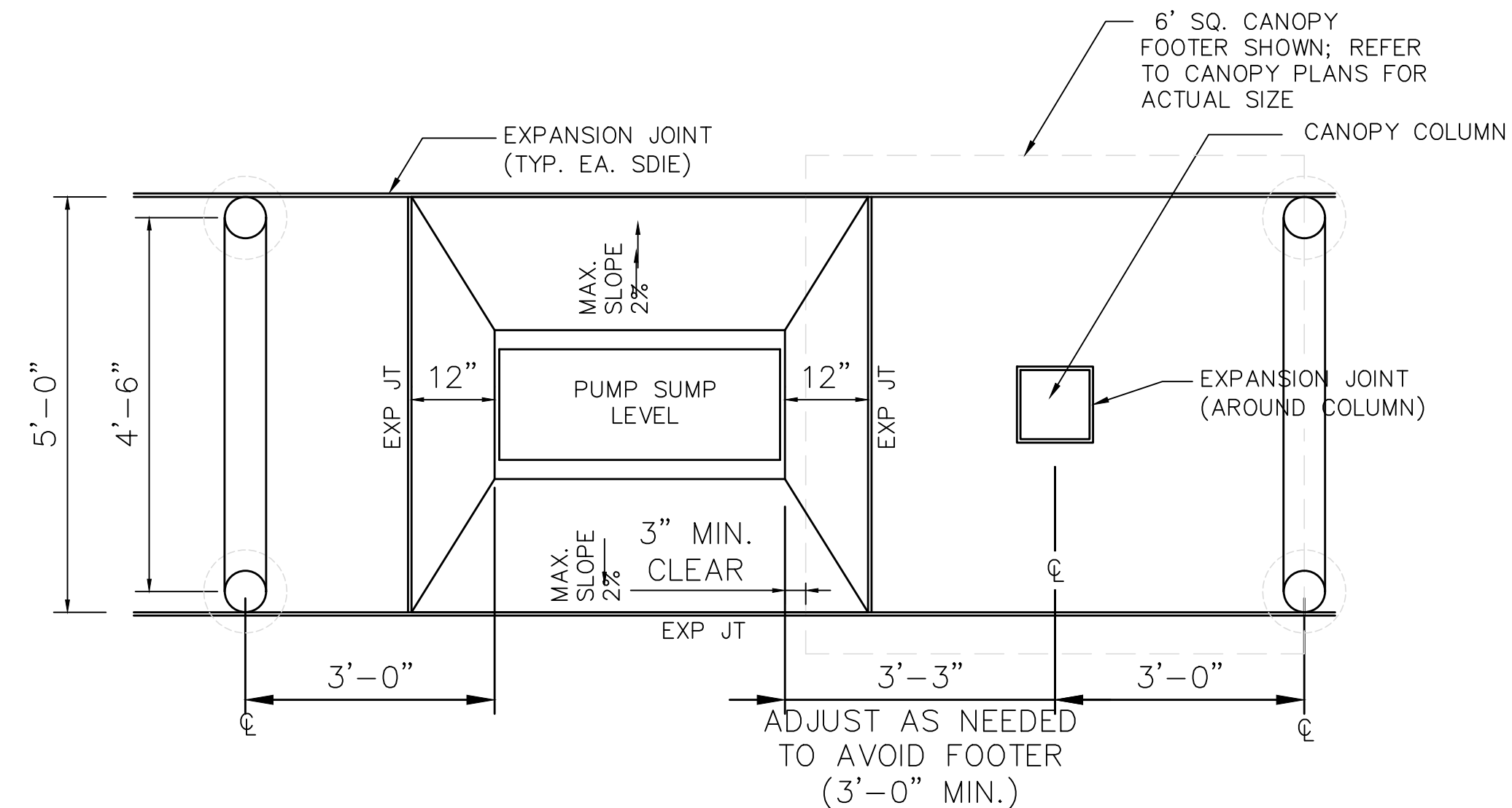


TYP. DISPENSER BASE DIAGRAM
(PIPE & CONDUIT LOCATIONS)
GILBARCO ENCORE 700 DISPENSER N.T.S.

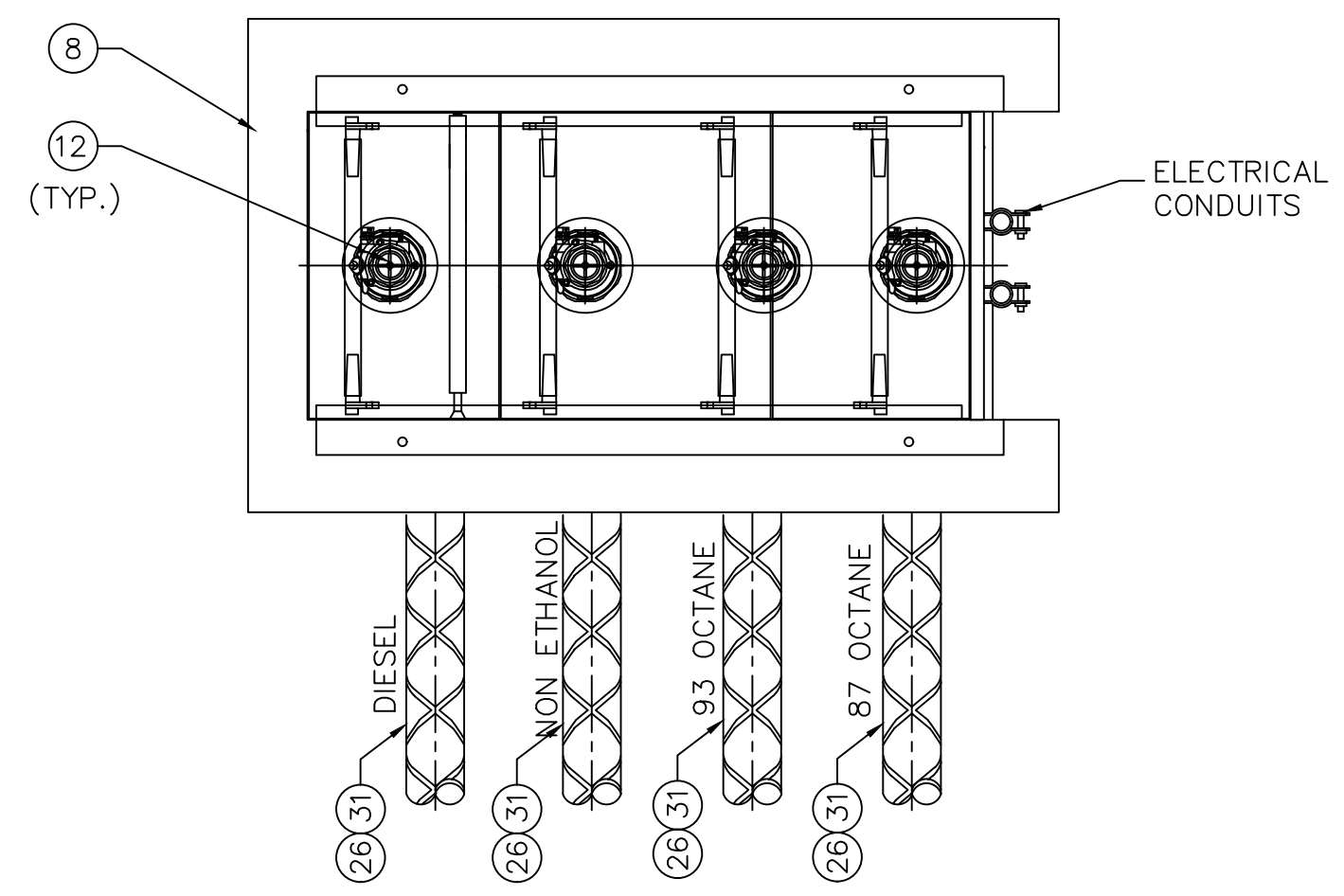


25 HORSE SHOE BOLLARD
N.T.S.

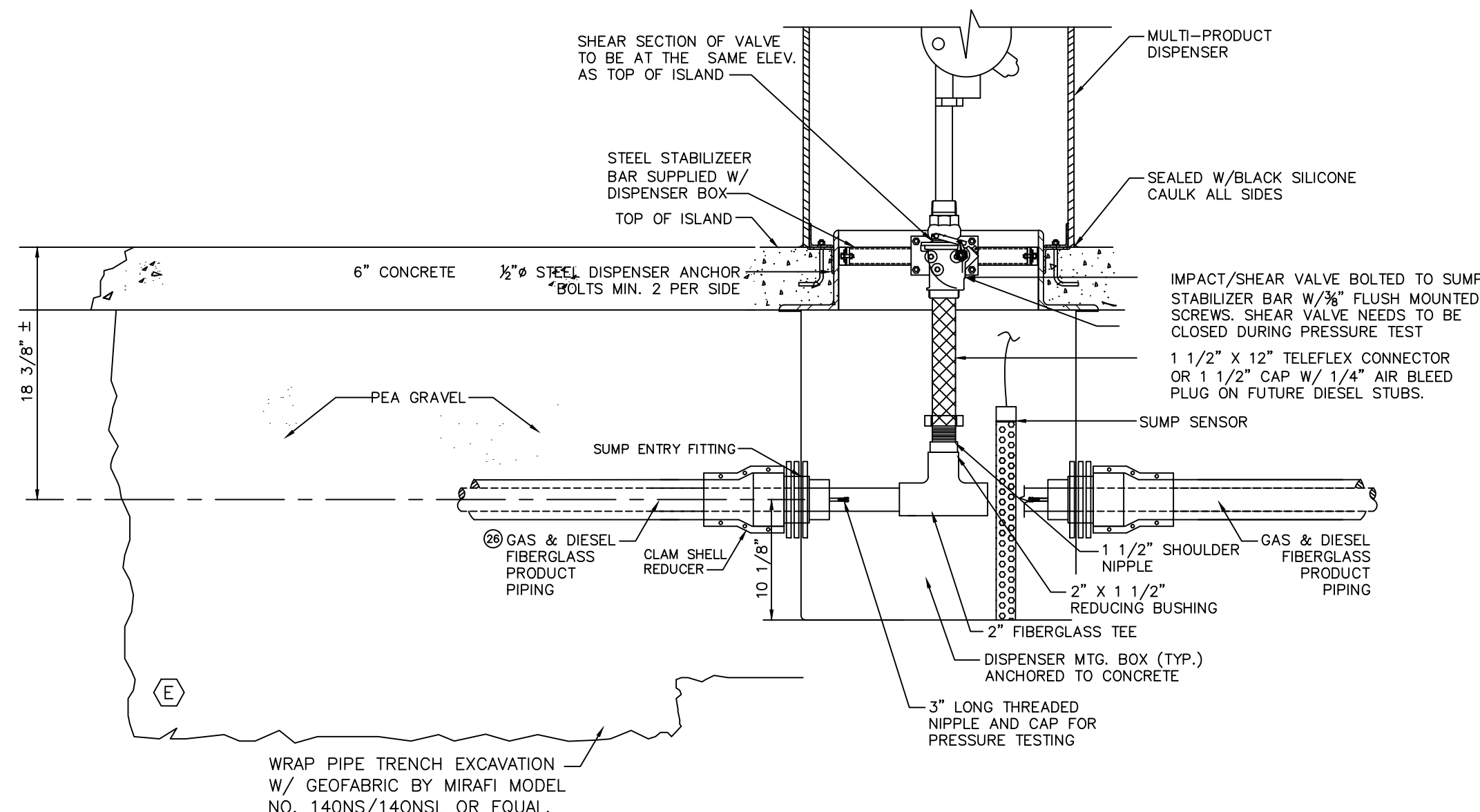
1 GILBARCO, ENCORE 700 NL3, 4 OR 5-PRODUCT, NOZZLED DISPENSER W/CONTAINMENT BOX
N.T.S.



5 STANDARD @ GRADE DISPENSER
N.T.S.



6 DISPENSER CONTAINMENT BOX AND PIPING TRENCH PLAN VIEW
N.T.S.



2 DEEP DISPENSER BOX AND PIPING TRENCH SECTION
N.T.S.

- NOTES:
- PRODUCT LINES TO SLOPE FROM DISPENSERS DOWN TO TANKS $\frac{1}{8}$ " PER FOOT MIN.
 - SHEAR SECTION OF EMERGENCY SHUT-OFF VALVE IS TO BE EVEN WITH THE TOP OF THE PUMP ISLAND $\pm \frac{1}{2}$ ".

- NOTES
- THE SHEAR PLANE OF THE IMPACT VALVE IS TO BE MOUNTED NO MORE THAN $\pm \frac{1}{2}$ " FROM THE TOP GRADE OF THE ISLAND.
 - ASPHALTIC EXPANSION MATERIAL SHALL BE KERFERD AT $\frac{1}{2}$ " INTERVALS IN AREAS OF BENDS. THIS FORMED MATERIAL SHALL BE SECURELY FASTENED TO THE ISLAND AT FINISHED GRADE PRIOR TO CONSTRUCTION OF ADJACENT FLATWORK. ADJACENT FLAT CONCRETE SHALL BE EDGED ALONG THE EXPANSION MATERIAL USING $\frac{1}{4}$ " RADIUS EDGING TOOL.
 - APPLY APPROVED THREAD SEALANT TO ALL RISERS AND THREADED FITTINGS.
 - VENT LINE SHOULD STAND NO LESS THAN 4' FROM OUTSIDE EDGE OF CURB.
 - PIPING SHALL BE LAID AND CONTINUOUSLY SUPPORTED ON A 6" COMPACTED BEDDING OF PEA GRAVEL. NO PIPING SHALL BE SUPPORTED BY BLOCKS, PLANKS, OR OTHER DEBRIS. MAINTAIN 7" MINIMUM COVER BETWEEN SLAB BOTTOM AND TOP OF FRP PIPE/FITTINGS.
 - DEEP METAL PAN WITH NON-ADA FRAME. INCLUDES PRE-MOUNTED PRODUCT AND VAPOR SHEAR VALVES WITH ALL PENETRATION FITTINGS INCLUDED BUT NOT INSTALLED. NO FLEX CONNECTORS OR VAPOR PIPE ASSEMBLY PROVIDED.
 - BOLLARDS TO BE PRIMED AND CONTRACTOR TO FURNISH & INSTALL IDEAL SHIELD STANDARD GRAY VINYL SLEEVES COLOR: PANTONE 11C
 - PRODUCT LINES SHALL SLOPE CONTINUOUSLY UPWARD FROM STP SUMP A MINIMUM OF $\frac{1}{8}$ " PER FOOT.
 - ITEMS 8, 9, 10 & 11 ARE INCLUDED IN THE SUMP KIT. ENTRY FITTINGS IN DISPENSER PAN SHALL BE INSTALLED BY CONTRACTOR. MINIMUM BEND RADIUS 4" FOR ELECTRICAL CONDUITS.

NOTE: ALL EQUIPMENT TO BE INSTALLED BY CONTRACTOR

NO	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL	QTY	SUPPLIED BY	NOTES
1	FOUR PRODUCT MPD	GILBARCO	ORCLE K BRANDED 500/700 S 3+1	6	OWNER	ENCORE BLEND (3+1) W. VAPOR VAC
2	THREE PRODUCT MPD	GILBARCO	ORCLE K BRANDED 500/700 S 3+0	0	OWNER	ENCORE BLEND (3+0) W. VAPOR VAC
3	FIVE PRODUCT MPD	GILBARCO	ORCLE K BRANDED 500/700 S 3+1+1	4	OWNER	ENCORE BLEND (3+1+1) W. VAPOR VAC
4	VAPOR VAC (IF REQUIRED)	GILBARCO	FOR ADVANTAGE		OWNER	
5	2" SUMP ENTRY BOOT	BRAVO	F-20-FF-LCX		OWNER	
6	2" TERMINATION FITTING WITH TEST PORT	OPW	TBA-0200			
7	1 1/2"x18" MxM SWIVEL FLEX CONNECTOR (VAPOR)	OMEGAFLEX			OWNER	SEE NOTE "I"
8	1 1/2"x18" FxM SWIVEL FLEX CONNECTOR (PRODUCT)	OMEGAFLEX			OWNER	SEE NOTE "I"
9	BRAVO / GILBARCO ENCORE NL1 3+1+1	BRAVO	B1000-EN		OWNER	SEE NOTES "F" & "I"
10	2" TERMINATION STYLE SUMP ENTRY ASSEMBLY (FOR DISPENSER SUMP)	AMERON LCX	22856821		OWNER	SEE NOTE "I"
11	1" FLEXIBLE ENTRY BOOTS (POWER HOME RUN, DISPENSER DATA LOOPED)	BRAVO	F-10-FF		OWNER	SEE NOTE "I"
12	3/4" PASS THROUGH FIBERGLASS FLANGE (INTERCOM)	BRAVO	F-07-FF		OWNER	SEE NOTE "I"
13	1-1/2" MALE, EMERGENCY SHEAR VALVE (DOUBLE POPPET)	OPW 10PLUS	10P-0152		OWNER	
14	2" LCX 35 PSI RUBBER CLOSURE W/TEST BOOT	AMERON	22482736		OWNER	
15	VENT DOWNWARD, ALUMINUM, 1.5" & 2" FEMALE, NPT	EMCO	A0785-001		OWNER	DIESEL/DEF VENT CAP
16	VENT P-V, ALUMINUM, 2" PRES 3" VAC, 2" NPT	EMCO	A0084-200		OWNER	GASOLINE VENT CAP
17	NOZZLE-BLACK, VAPOR RECOVERY BELLOWLESS ASSIST SYSTEM (SPEC TYPE) NOZZLE (NON STAGE II ALT.)	OPW	OP12W		OWNER	
18	3/4" HOSES- 8'-6" FLEXSTEEL VAPOR ASSIST HOSE	GOODYEAR	GY18" VAPOR		OWNER	
19	WHIP HOSE- 1" FLEXSTEEL VAPOR ASSIST HOSE	GOODYEAR	GY1" VAPOR		OWNER	
20	WHIP HOSE- 1" (NON STAGE II ALT.) (OR EQUIVALENT)	HUSKY	4034VR		OWNER	
21	INVERTED BREAKAWAY (NON-STAGE II ALT.) (OR EQUIVALENT)	SARGEL	SASR160		OWNER	
22	WATER INDICATING PASTE (TO BE LEFT @ STORE)				G.C.	
23	THREADED REDUCER BUSHING				OWNER	
24	SPLATTER SHIELD, BLACK	RICHARDS	R1503R-BK		OWNER	
25	3 M INTERCOM / WIRED TO MPD SPEAKERS	3M	D 20 12 CHANNEL		OWNER	
26	JUNCTION BOX	CH	GUP215		CONT.	
27	SEAL OFF	CH	EY2		CONT.	
28	HORSE SHOE BOLLARD				GC	
29	2" COAXIAL AMERON LCX PRODUCT PIPE	AMERON INTERNATIONAL	DUALOY 3000/LCX		OWNER	
30	2" AMERON LCX PRODUCT PIPE FOR VENT RISER	AMERON INTERNATIONAL	DUALOY 3000/LCX		OWNER	
31	2" X 2" X 2" FRP TEE	AMERON INTERNATIONAL	DUALOY 3000/LCX		OWNER	
32					OWNER	
33	2" FIBERGLASS TEE (FOR ALCOHOL)	AMERON LCX	22378007		OWNER	
34	2" CLAMHELL TEE	AMERON LCX	22469203		OWNER	
35	2" 90° ELBOW	AMERON LCX	22372108		OWNER	
36	2" LCX 2-PIECE 90° CLAMHELL ELBOW	AMERON LCX	22469201		OWNER	
37	2" SLEEVE COUPLING	AMERON LCX	22850707		OWNER	
38	2" 45° ELBOW	AMERON LCX	22371508		OWNER	
39	2" LCX 2-PIECE 45° CLAMHELL ELBOW	AMERON LCX	22469202		OWNER	
40	2" LCX 2-PIECE CLAMHELL COUPLING	AMERON LCX	22469204		OWNER	
41	2" X 1 1/2" REDUCER BUSHING	AMERON LCX	20370503		OWNER	
42	2" BELL X MALE ADAPTER	AMERON LCX	22372020		OWNER	
43	PSX20 8 OZ. SINGLE PACK ADHESIVE KIT	AMERO LCX	80210101		OWNER	
44	ENCORE DEFLECTOR PLATE	BRAVO	ENCORE		OWNER	

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33850
EB 004857 Phone: (863) 913-9130

NO. DATE REVISION DESCRIPTION
This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date 11-06-2020. Printed copies of this document are not considered signed and sealed and must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
FL. REG #73115
TANK AND PIPING PLANS

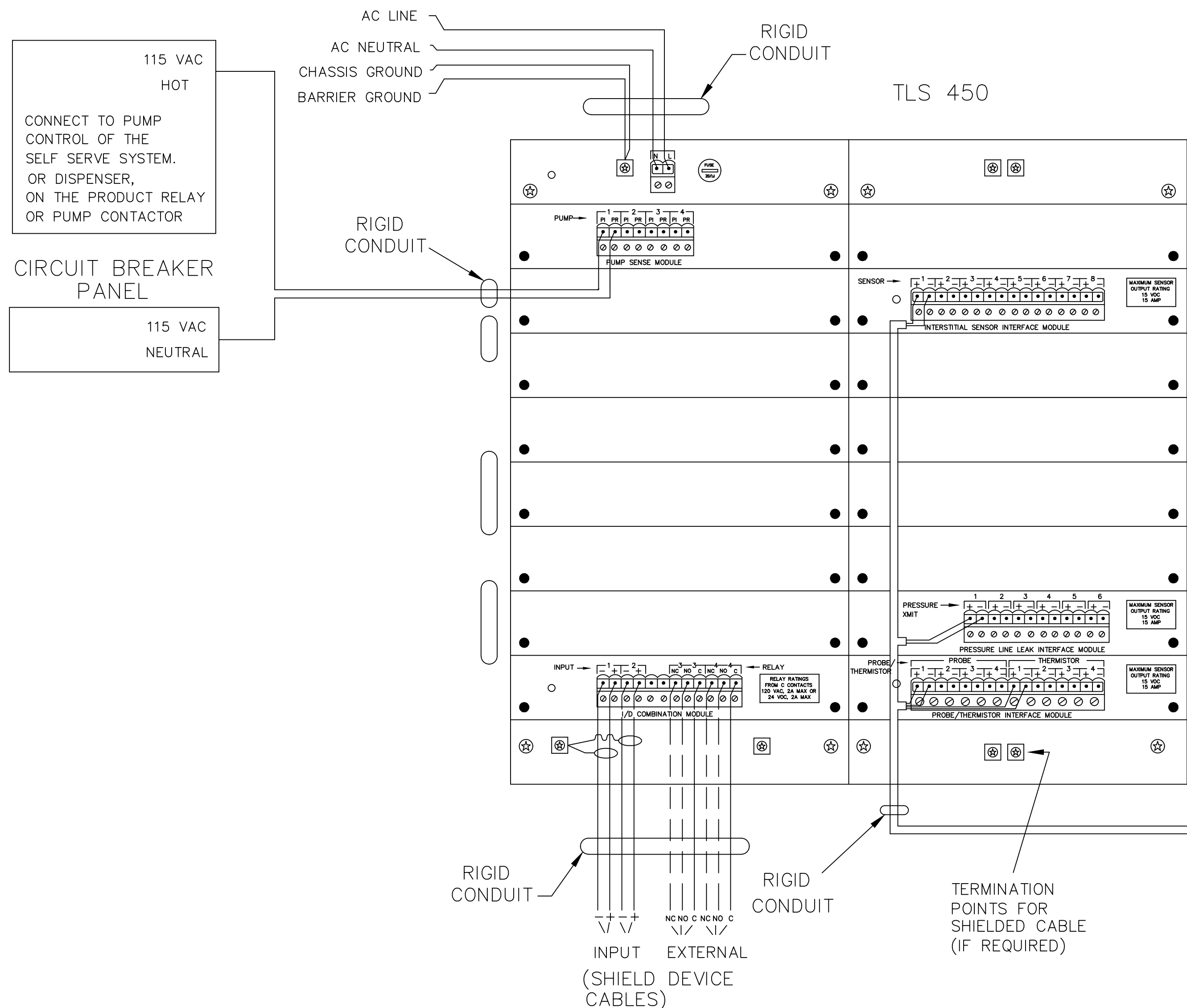
SITE DESIGNATIONS:
**7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA**

SCALE: AS NOTED MDM JOB # 18012
DATE: 11-06-2020
DESIGNED BY:
DRAWN BY: SLO/DBB FILE NAME: 18012.TANK.DWG
CHECKED BY: 18012.TANK.DWG
DRAWING TITLE:
AUTOMOBILE DISPENSER DETAILS

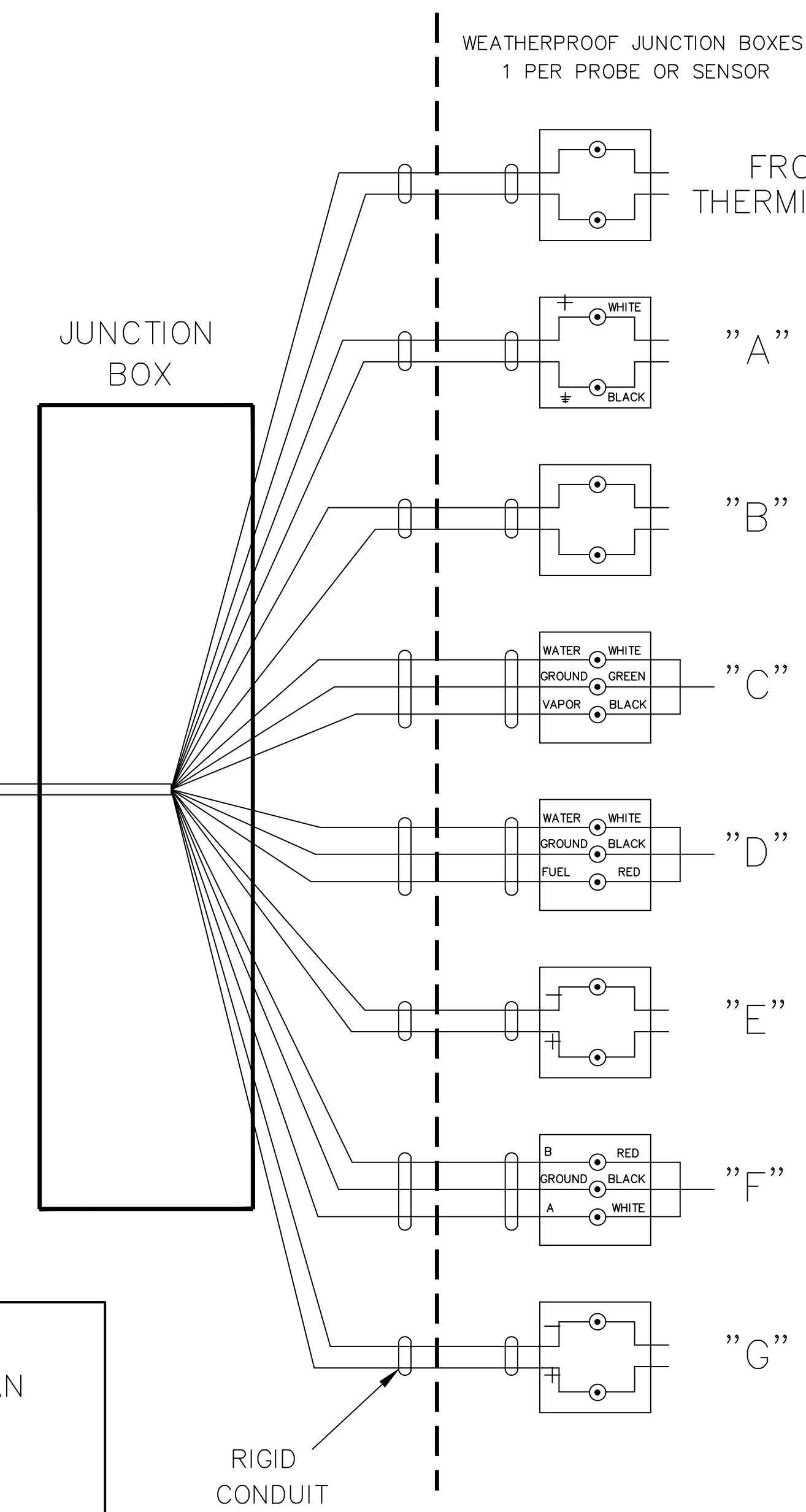
SHEET NO.:
TA-5



ISSUED FOR BID 03/08/2024



NON-HAZARDOUS AREA HAZARDOUS AREA



IMPORTANT: THIS IS A CONTROL DRAWING ONLY AND DOES NOT REFLECT THE ACTUAL LOCATIONS OF CONDUIT ENTRY (SEE NOTE 7 BELOW).

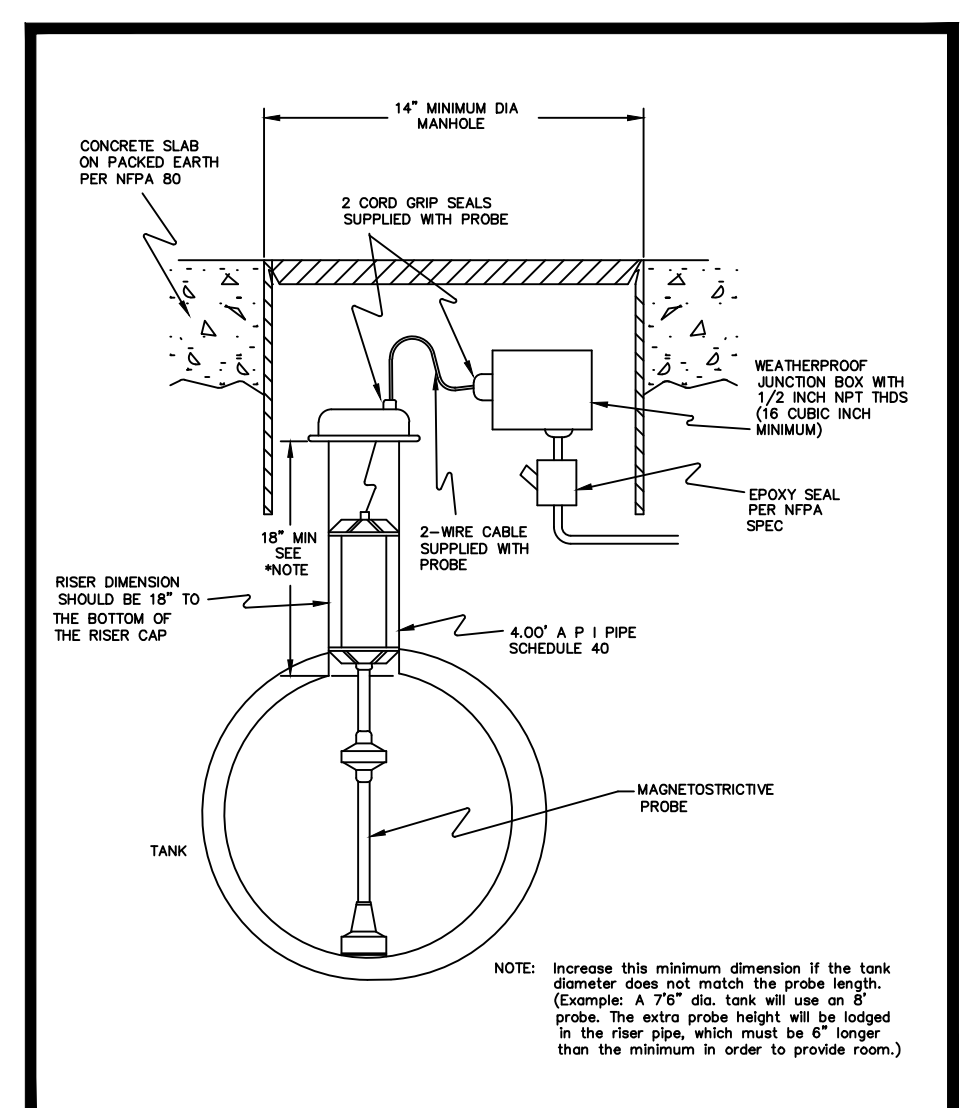
VEEDER-ROOT REQUIRES THAT ANYONE INSTALLING OUR EQUIPMENT MUST BE LEVEL 1 CERTIFIED. FOR MORE INFORMATION REGARDING THE HOMESTUDY INSTALLERS COURSE CONTACT 860-651-2762.

WARNING: IN INSTALLATION AND USE OF THIS PRODUCT, COMPLY WITH THE NATIONAL ELECTRICAL CODE; FEDERAL, STATE AND LOCAL CODES. IN ADDITION, TURN OFF POWER AND TAKE OTHER NECESSARY PRECAUTIONS DURING INSTALLATION, SERVICE AND REPAIR TO PREVENT PERSONAL INJURY, PROPERTY LOSS AND EQUIPMENT DAMAGE.

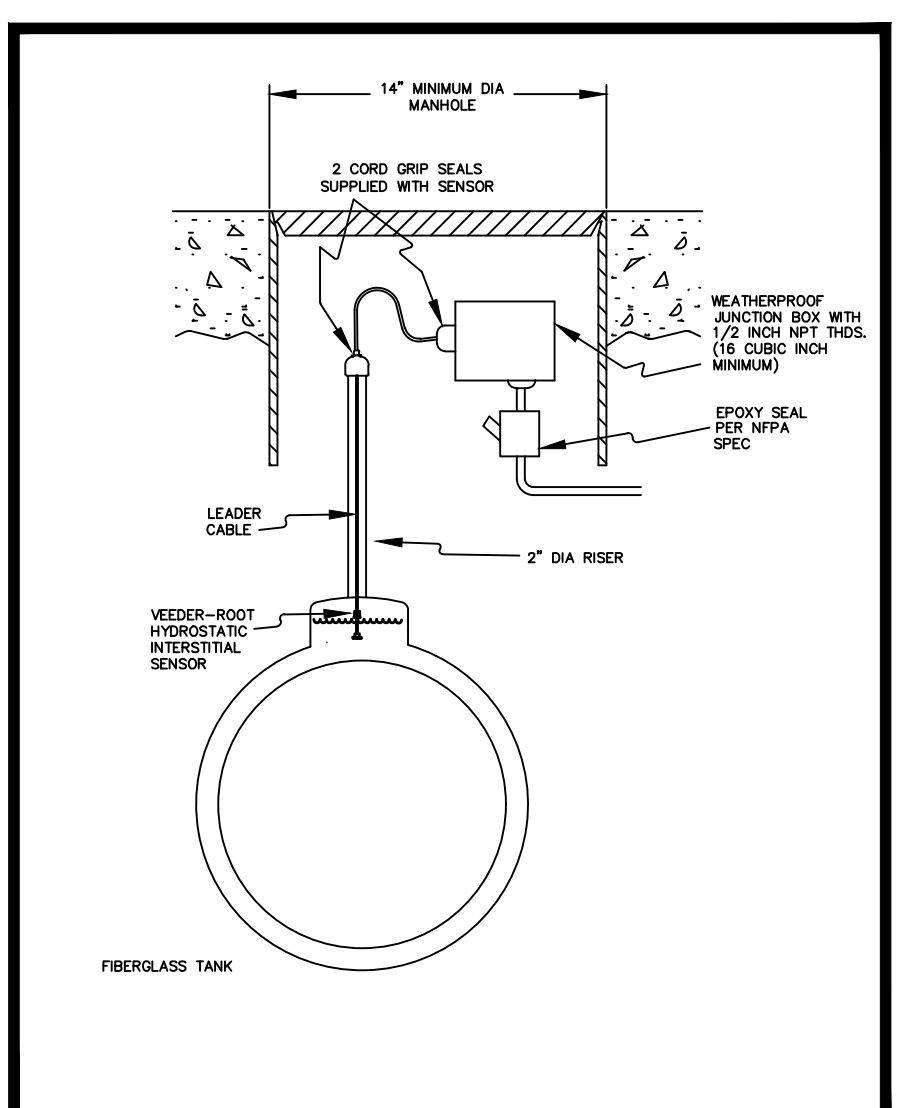
WARNING: DISCONNECT ALL POWER BEFORE MAKING ANY CONNECTIONS TO PREVENT DEATH, SERIOUS INJURY, EXPLOSION, OR ELECTRICAL SHOCK. MONITOR MUST NEVER BE OPERATED UNLESS THE FRONT COVER IS CLOSED OVER THE BARRIER TERMINALS IN THE INTRINSICALLY SAFE AREA.

- INTRINSICALLY SAFE WIRING**
BONDED CONDUIT MEANS THAT THE METALLIC SECTIONS OF CONDUIT ARE PERMANENTLY JOINED TO FORM AN ELECTRICALLY CONDUCTIVE PATH THAT WILL ASSURE ELECTRICAL CONTINUITY, AND THAT THE CONDUIT HAS THE CAPACITY TO CONDUCT SAFELY, ANY CURRENT LIKELY TO BE IMPOSED.
- NON-BONDED CONDUITS** - ALL FIELD WIRING TO BE SHIELDED CABLE. SHIELDED CABLE MUST BE RATED LESS THAN 100 PICO FARAD PER FOOT AND BE MANUFACTURED WITH A MATERIAL SUITABLE FOR THE ENVIRONMENT SUCH AS CAROL™ C2534 OR BELDON™ 88760, 8760.
- CONNECT THE BARRIER GROUND TO THE EARTH GROUND BUS AT THE POWER DISTRIBUTION PANEL WITH #12 AWG (OR LARGER) CONDUCTOR.
- DENOTES FIELD WIRING CONNECTION USING WATERPROOF CONNECTORS SUPPLIED WITH THE PROBE(S) AND SENSOR(S).
- INTRINSICALLY SAFE WIRING SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 504-20 OF THE NEC, ANSI/NFPA 70.
- TO MAINTAIN INTRINSIC SAFETY, PROBE/SENSOR WIRING MUST BE INSTALLED IN SEALED CONDUIT
- ELECTRICAL RATING POWER INPUT 120 VAC, 50/60 HZ, 100 VA MAXIMUM.
- THIS DOCUMENT IS NOT TO BE USED AS A SUBSTITUTE FOR SPECIFIC EQUIPMENT INSTALLATION MANUALS. FOR INSTALLATION DETAILS USE THE RESPECTIVE MANUAL: TLS-450 577013-879
- SUMP SENSOR TO BE SECURED IN PLACE USING VEEDER ROOT P/N 330020-012

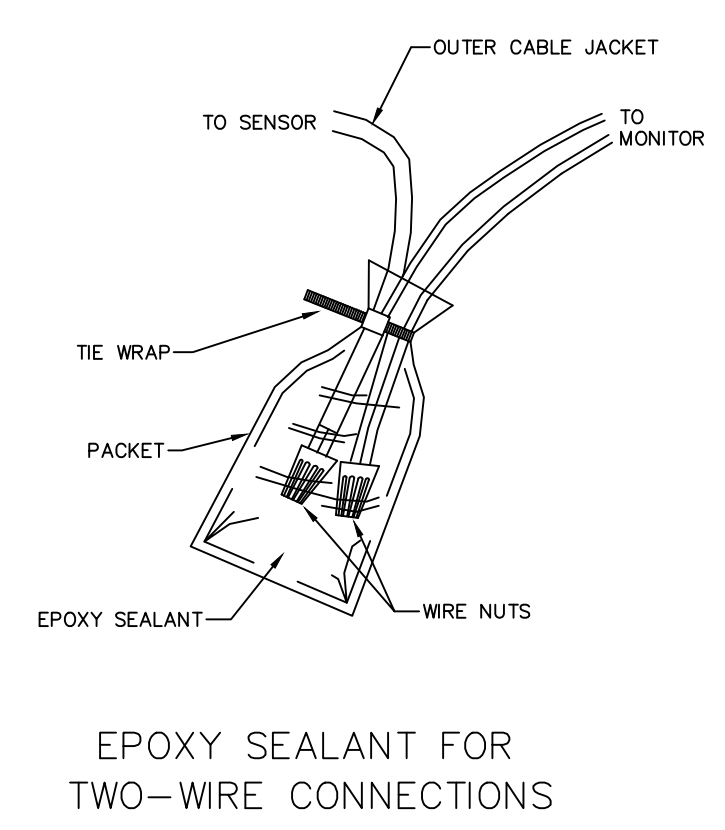
NOTE:
SEE SITE ELECTRICAL PLAN SHEET FOR SITE SPECIFIC LAYOUT.



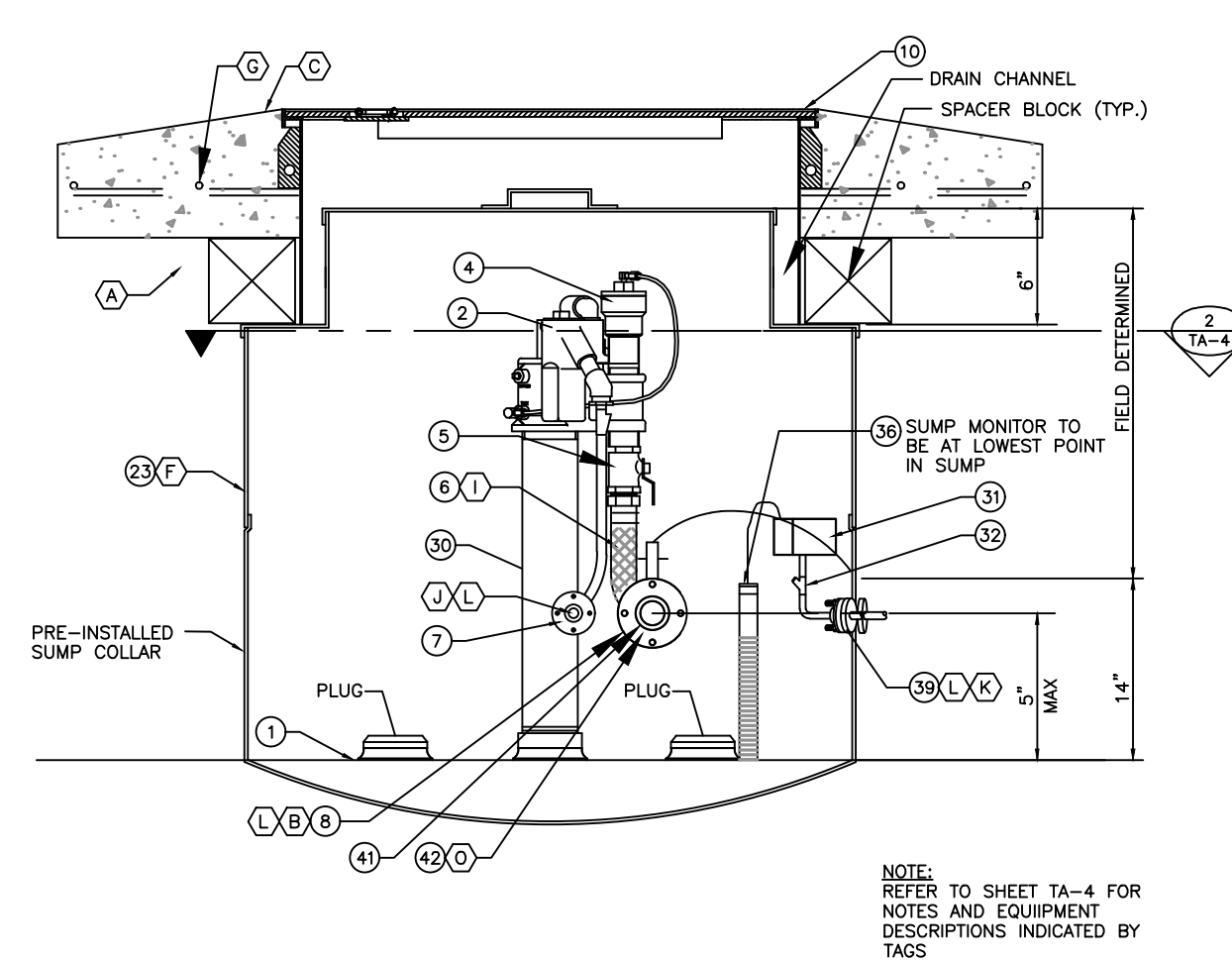
MAGNETOSTRICTIVE PROBE TO JUNCTION BOX



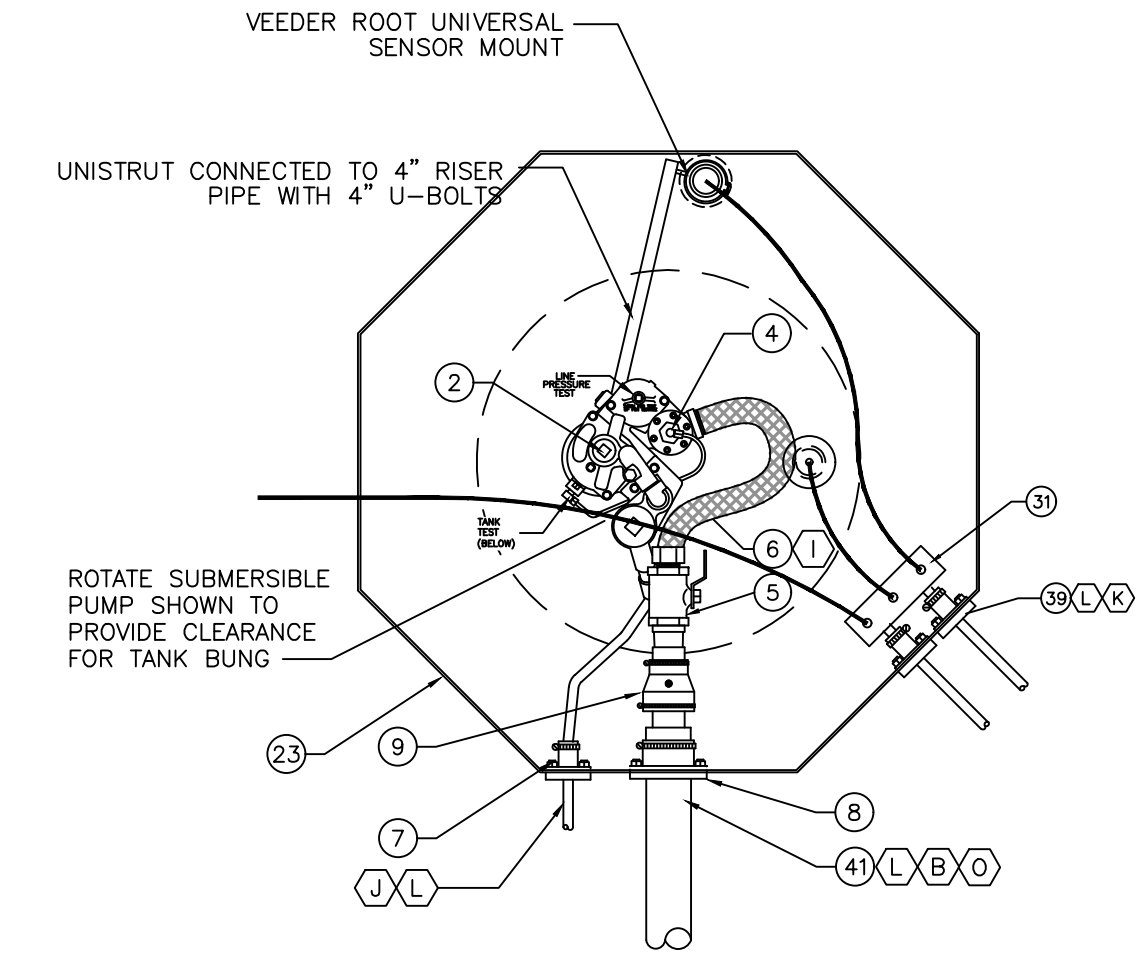
HYDROSTATIC INTERSTITIAL SENSOR TO JUNCTION BOX "B"



EPOXY SEALANT FOR TWO-WIRE CONNECTIONS



TYP. CONTAINMENT SUMP SECTION N.T.S.



TYP. CONTAINMENT SUMP PLAN VIEW N.T.S.

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33850
EB 004857 Phone: (863) 911-9130

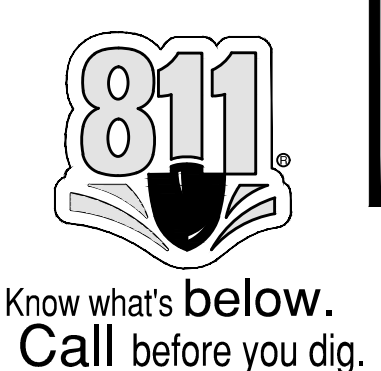
NO.	DATE	REVISION DESCRIPTION
1		This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date shown. Printed copies of this document are not considered signed and sealed and their validity must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
FL. REG #73113
TANK AND PIPING PLANS

7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM JOB # 18012
DATE: 11-06-2020
DESIGNED BY:
DRAWN BY: SLO/DBB FILE NAME: 18012_TANK_DWG
CHECKED BY:
DRAWING TITLE:
ELECTRICAL SCHEMATIC, NOTES & DETAILS

SHEET NO.:
TA-6



ISSUED FOR BID 03/08/2024

TANK AND PIPING PLANS

SITE DESIGNATIONS:

**7822 NORTH DAVENPORT HWY.
 PENSACOLA, FLORIDA**

SCALE: AS NOTED MDM JOB # 18012
 DATE: 11-06-2020
 DESIGNED BY:
 DRAWN BY: SLO/DBB FILE NAME: 18012-TA-7
 CHECKED BY: 18012-TA-7

DRAWING TITLE:
VEEDER-ROOT OVERFILL ALARM DETAILS
 SHEET NO:
TA-7

Mounting Instructions

Overflow Alarm and Acknowledgement Switch Dimensions

Figure 1 shows the Overflow Alarm mounting dimensions and Figure 2 shows the Acknowledgement Switch mounting dimensions.

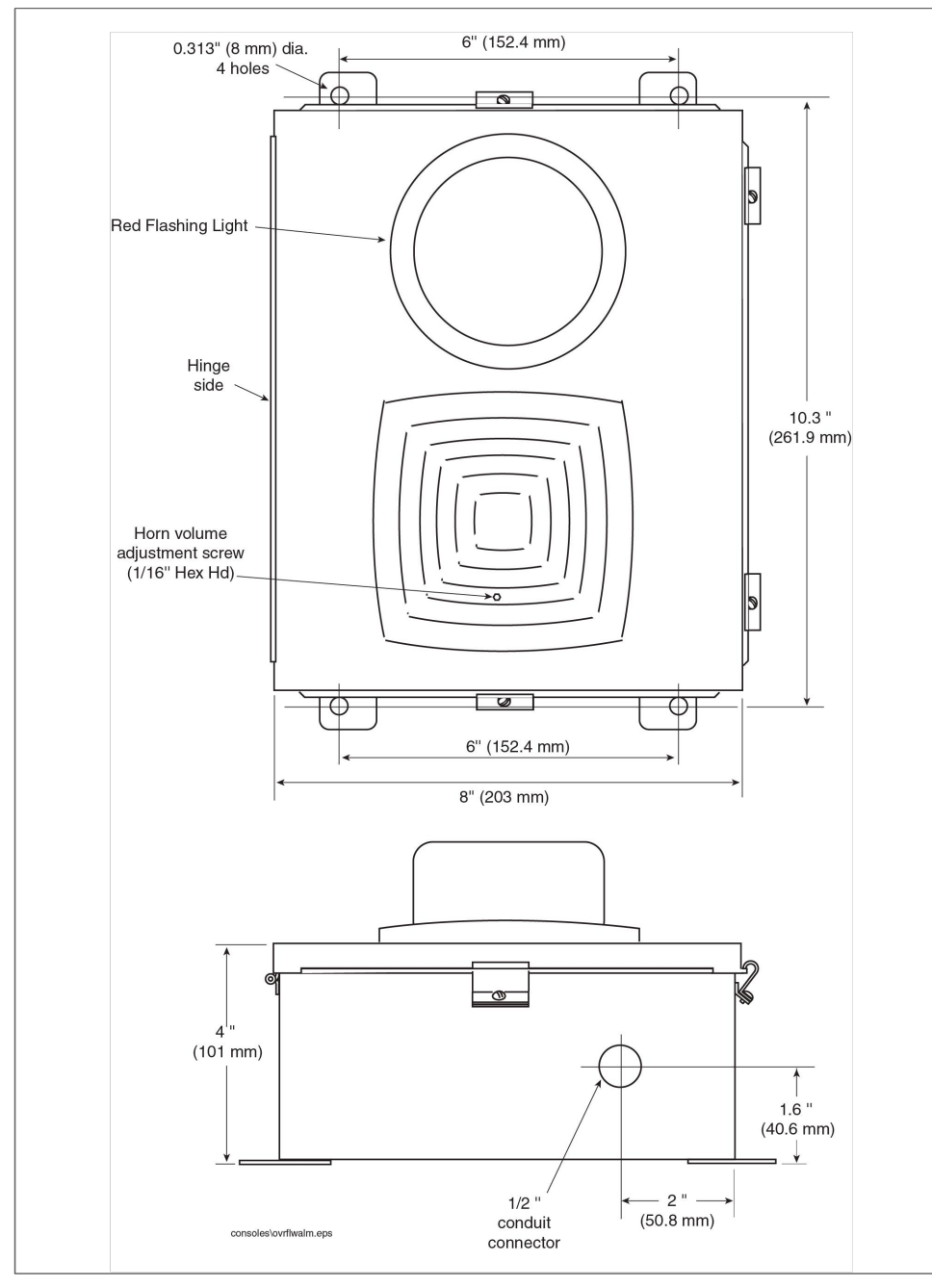


Figure 1. Overflow Alarm mounting dimensions

Overflow Alarm/Ack Switch Installation Guide Mounting Instructions

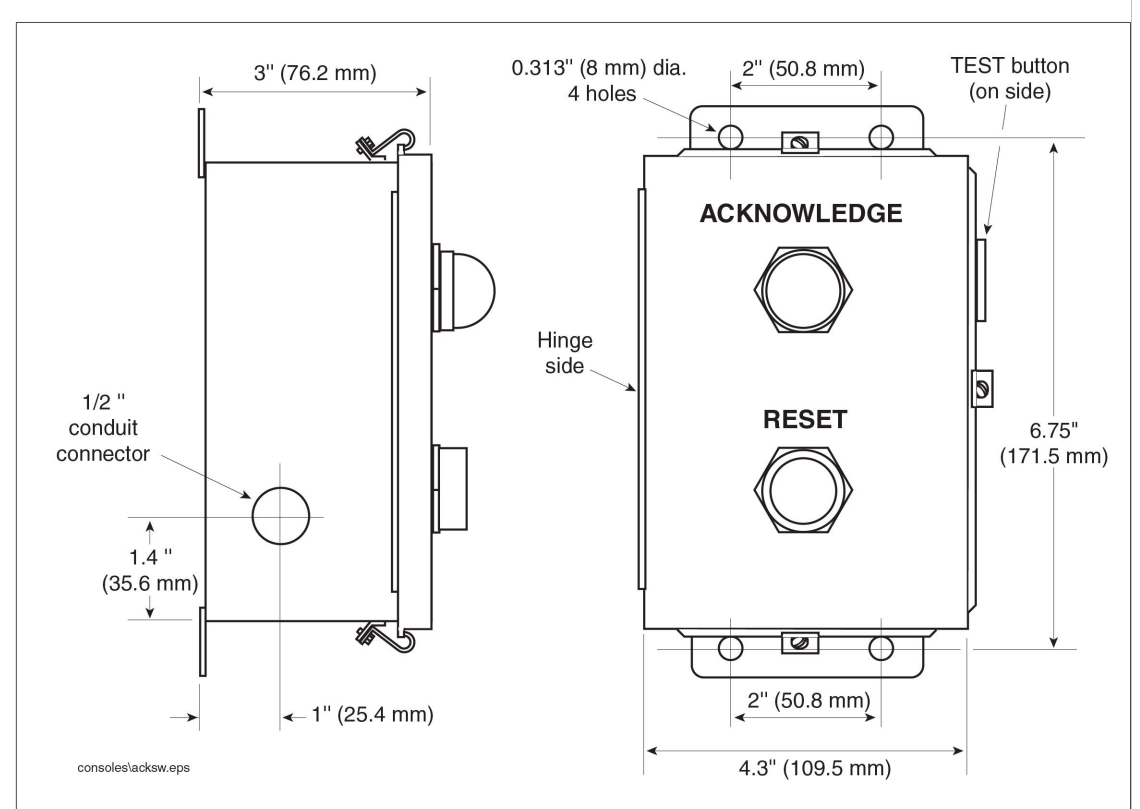


Figure 2. Acknowledgement Switch mounting dimensions

Mounting Instructions

OVERFILL ALARM

1. Select a mounting location where the Overflow Alarm can be seen and heard clearly from the area where the fuel tanks are filled. In addition, consider the ease of routing interconnection conduit.
2. Locate and mark mounting holes using the hole pattern in Figure 1.
3. Mount the Overflow Alarm using the four mounting tabs on the housing.

ACKNOWLEDGEMENT SWITCH

1. Select a mounting location where the Acknowledgement Switch can be easily activated by the tank truck driver. In addition, consider the ease of routing interconnection conduit.
2. Locate and mark mounting holes using the hole pattern in Figure 2.
3. Mount the Acknowledgement Switch using the four mounting tabs on the housing.
4. Install conduit between the Acknowledgement Switch, Overflow Alarm, and TLS Console.

Wiring Instructions

IMPORTANT! Wire used for this installation must have a temperature rating of at least 90°C, be either 14 or 16 AWG, and be color coded. Splicing alarm power with TLS Console power will cause improper operation of the monitor.

Wiring Overflow Alarm with Acknowledgement Switch

1. Pull two wires from the switch to the Overflow Alarm.
2. Pull two wires for line and neutral from the switch to the power panel.
3. Pull one wire from the switch to the TLS Console for connection to the alarm relay.
4. Pull one wire for line from the alarm relay in the TLS Console to the power panel.
5. Turn power Off and connect wiring according to the wiring diagram in Figure 3 and Table 1.

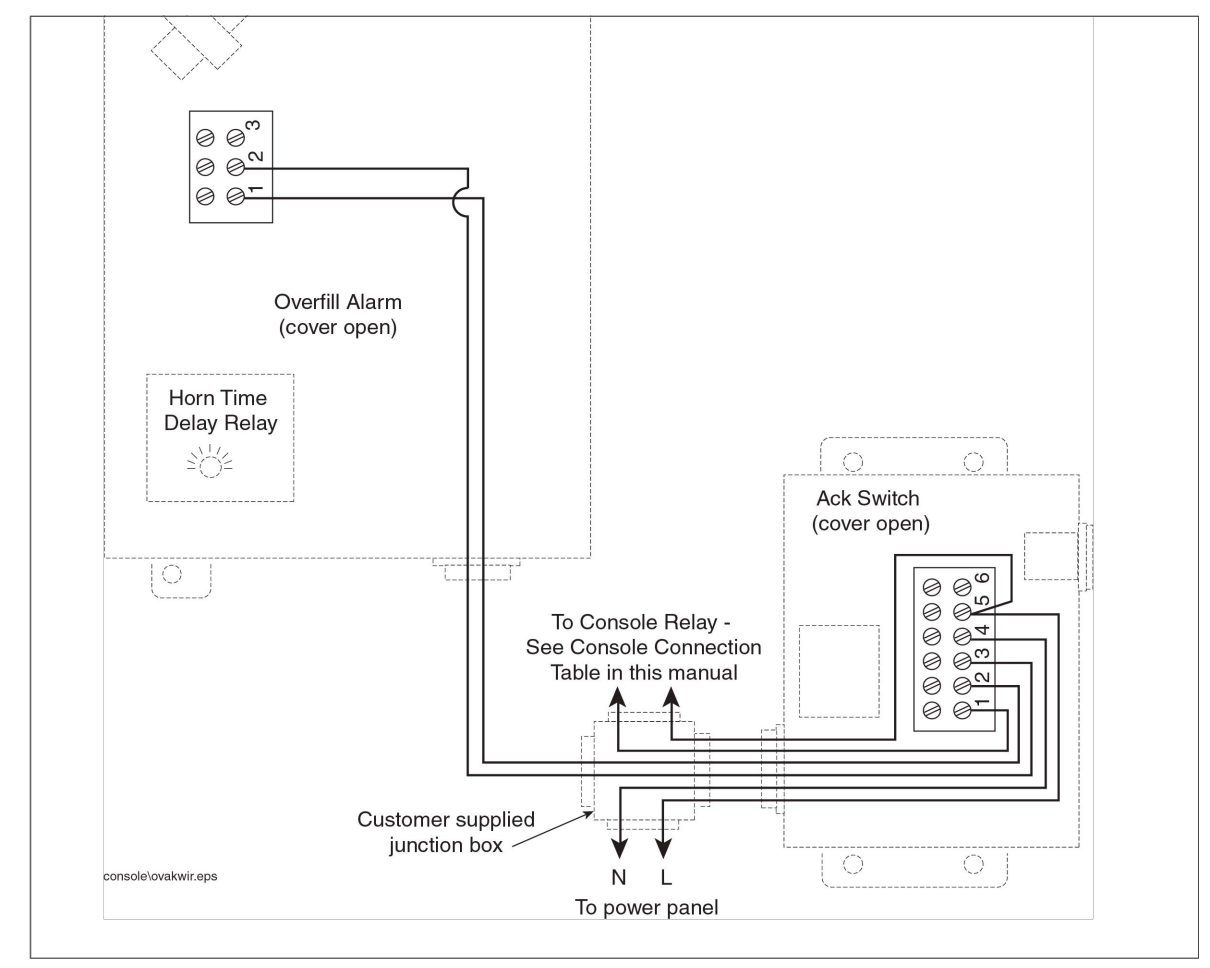


Figure 3. Overflow Alarm/Acknowledgement Switch wiring connections

NOTES:

1. CONNECT VEEDER-ROOT OVERFILL ALARM POWER TO EXISTING VEEDER-ROOT CONSOLE CIRCUIT.
2. CONNECT VEEDER-ROOT OVERFILL RELAY WIRES TO VEEDER-ROOT CONSOLE.
3. REFER TO VEEDER-ROOT OVERFILL ALARM INSTALLATION GUIDE AND TLS-350 MANUAL FOR ADDITIONAL INFORMATION & PROGRAMMING.

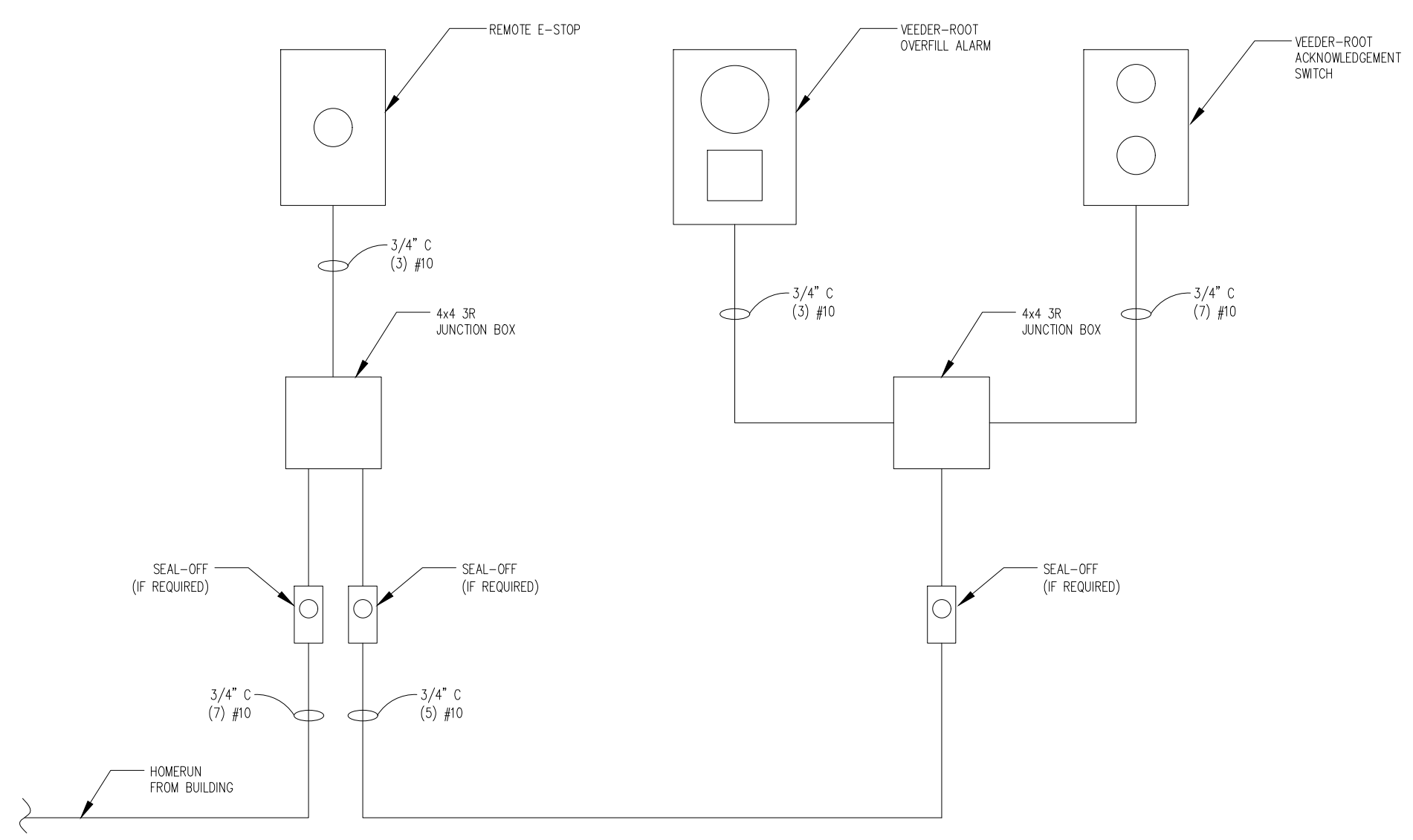
CONDUIT / WIRE SCHEDULE

ITEM	QTY.	CONDUIT SIZE	CONDUIT TYPE	WIRE / CABLE	NOTES
REMOTE E-STOP & VEEDER-ROOT ALARM	1	1"	RMC/PVC	(2) #10 (E-STOP CONTROLS) (2) #10 (TLS-350 RELAY) (2) #10 (ALARM POWER) (1) #10 (GRD)	REMOTE E-STOP CONTROLS AND VEEDER-ROOT OVERFILL ALARM TO REMOTE E-STOP J-BOX
REMOTE E-STOP	1	3/4"	RMC	(2) #12 (E-STOP CONTROLS) (1) #10 (GRD)	LOOP E-STOP CONTROLS WIRES FROM J-BOX TO REMOTE E-STOP
OVERFILL ALARM	1	3/4"	RMC	(2) #10 (TLS-350 RELAY) (2) #10 (ALARM POWER) (1) #10 (GRD)	LOOP OVERFILL ALARM WIRES FROM J-BOX TO OVERFILL ALARM -BOX

Table 1.- Console Connections

Input	TLS2 or TLS-IB Connection	TLS-50 or TLS-HLD Connection	TLS-300 Output Relay Connection	TLS-350 I/O Combo Relay Connection	TLS-350 4 Relay Output Module Connection	TLS-4XX Overfill Alarm Relay Connector
Overflow Alarm without Acknowledge Switch (see Figure 4)						
Overflow Alarm terminal 2	J6, 1	J5, 1	NO	NO	NO	NO
Line (from power panel)	J6, 2	J5, 2	C	C	C	C
Overflow Alarm with Acknowledge Switch (see Figure 3)						
Ack Switch terminal 1	J6, 1	J5, 1	NO	NO	NO	NO
Ack Switch terminal 5 (line)	J6, 2	J5, 2	C	C	C	C

6

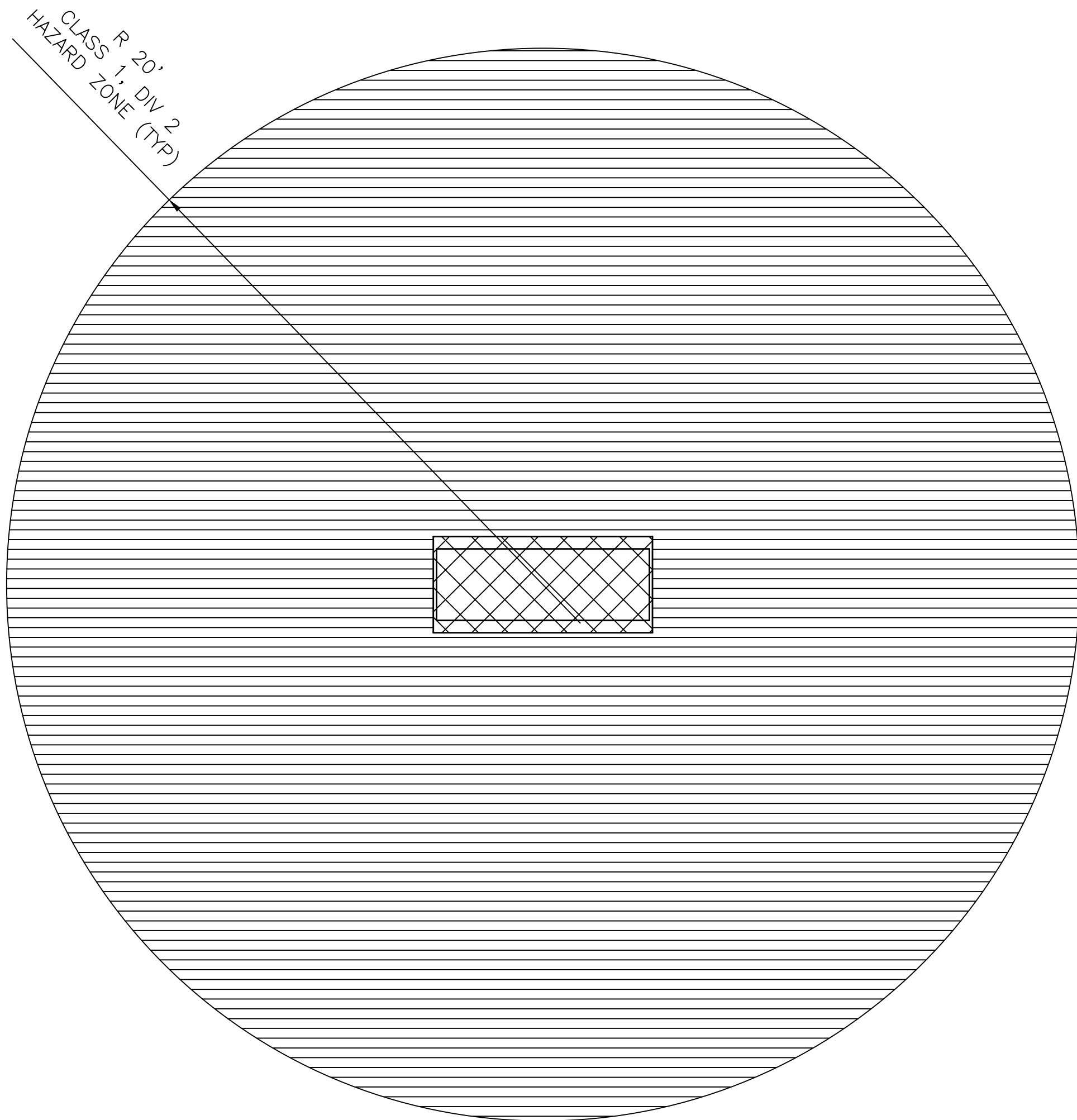


REMOTE E-STOP AND OVERFILL ALARM DIAGRAM
 10/10 SCALE

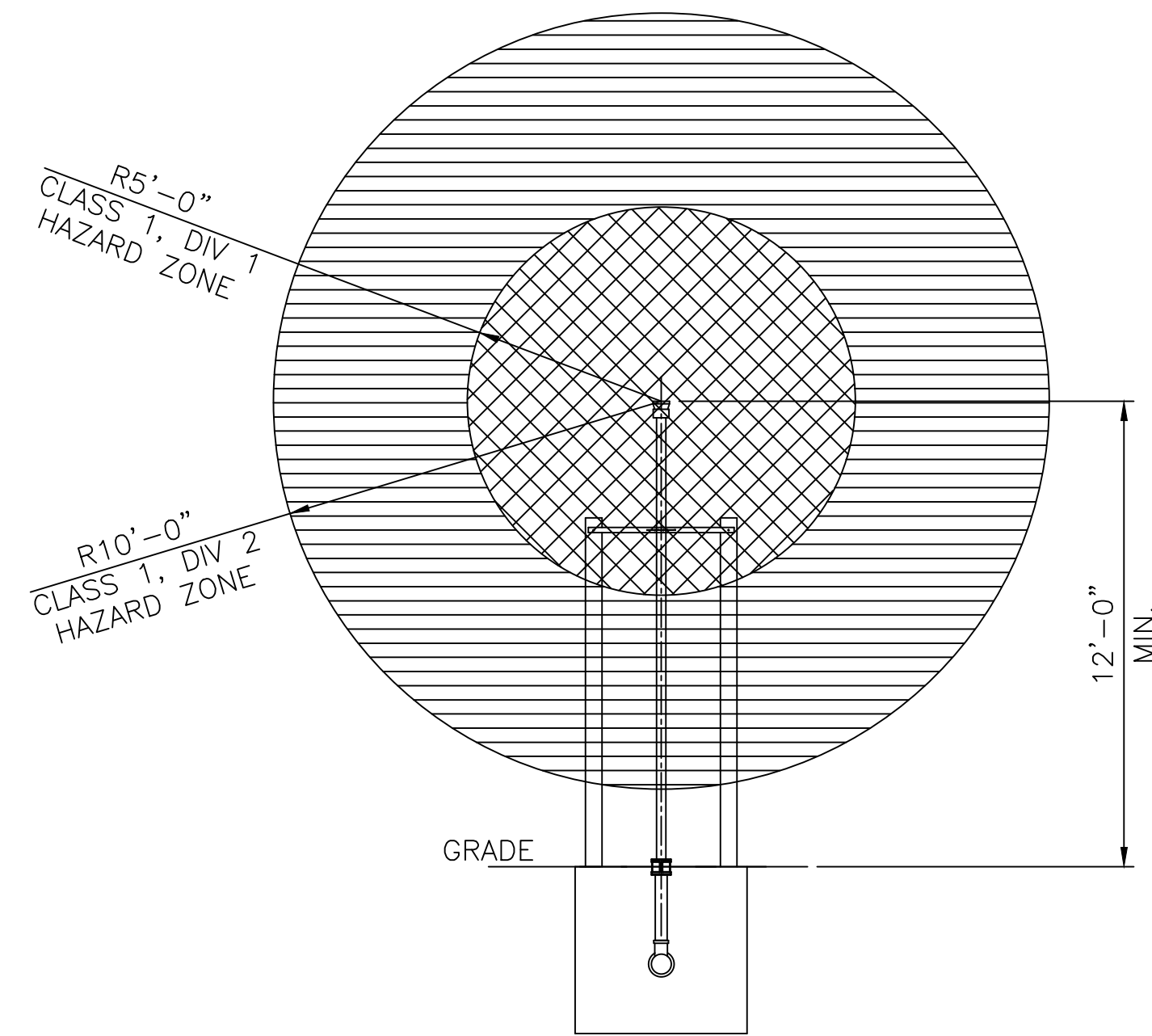


Know what's below.
 Call before you dig.

ISSUED FOR BID 03/08/2024

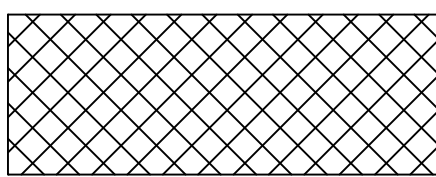


1 FUEL ISLAND AREA CLASSIFICATION
N.T.S.



3 VENT RISER CLASSIFICATION ELEVATION
N.T.S.

LEGEND

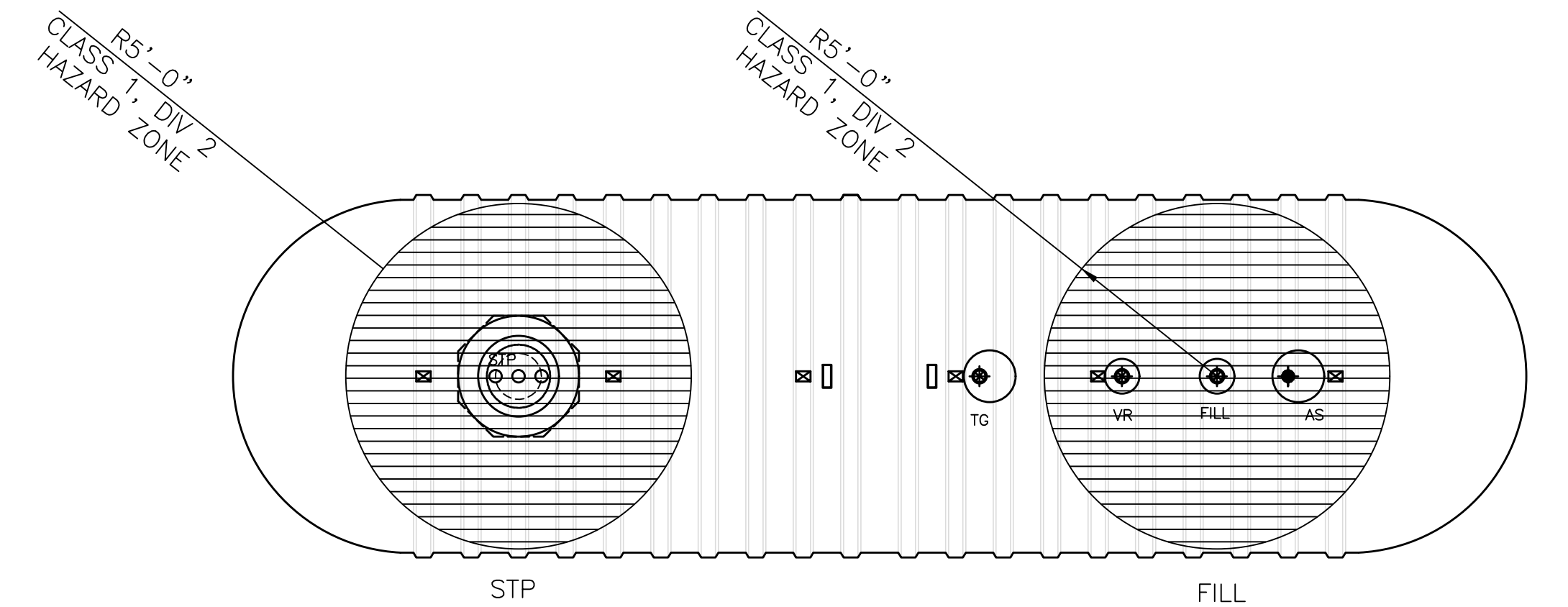
 CLASS 1, DIV. 1 HAZARD ZONE. TYP.

 CLASS 1, DIV. 2 HAZARD ZONE. TYP.

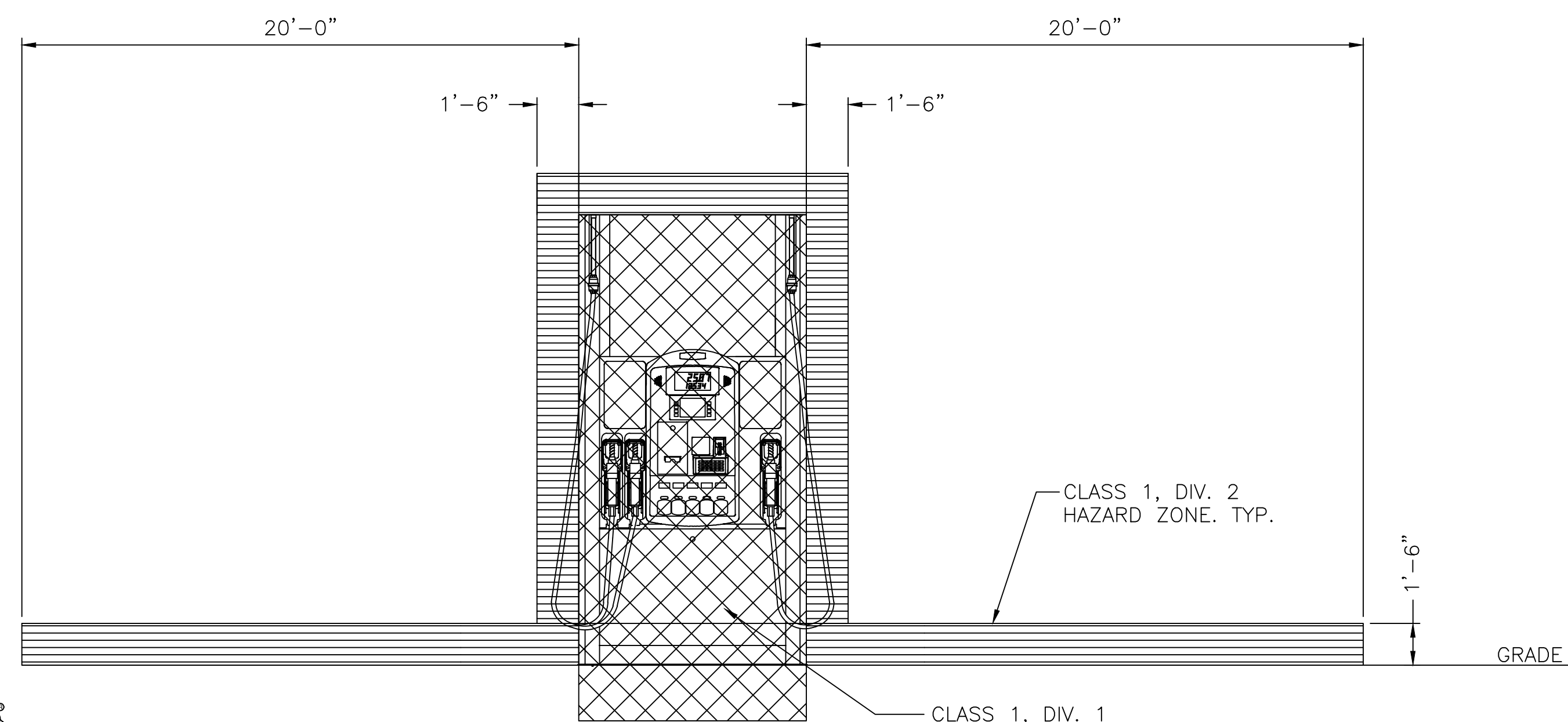
CLASSIFIED AREAS ADJACENT TO DISPENSERS IN TABLE 6.3.1, NFPA 30A, 2015

NOTE:

ALL RACEWAYS IN CLASS 1, DIVISION 1 OR 2 LOCATIONS SHALL BE THREADED RIGID METAL CONDUIT AND SHALL BE EXTENDED TO THE FIRST POINT OF CONNECTION AFTER LEAVING THE BOUNDARIES OF THE DEFINED CLASS 1 LOCATION. CONDUIT SEALS SHALL BE PROVIDED IN ACCORDANCE WITH NEC501.5 GREEN INSULATED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED WITH PHASE AND GROUNDING CONDUCTOR. CONDUIT SHALL NOT BE USED AS SOLE MEANS OF EQUIPMENT GROUNDING FOR OTHER CONDUIT RUNS IN NON-CLASSIFIED LOCATION ANY NEC APPROVED METHOD CAN BE UTILIZED.



4 UST AREA CLASSIFICATION
N.T.S.



2 FUEL ISLAND AREA CLASSIFICATION ELEVATION
N.T.S.

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN RD., LAKELAND, FL 33853
EB #004857 Phone: (863) 913-9130

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DAIMIAN D. LESLIE, P.E.
FL. REG #73113

TANK AND PIPING PLANS

SITE DESIGNATIONS:
**7822 NORTH DAVENPORT HWY.
PENSACOLA, FLORIDA**

SCALE: AS NOTED	MDM JOB # 18012
DATE: 11-06-2020	
DESIGNED BY:	
DRAWN BY: SLO/DDB	FILE NAME: 18012_TANK.DWG
CHECKED BY:	

DRAWING TITLE:
HAZARD ZONE

SHEET NO.:
TA-8



ISSUED FOR BID 03/08/2024

FDOT GENERAL NOTES

- 1. * All work inside FDOT Right of Way shall be referenced under these notes.
- * These plans have been prepared in accordance with the most current version of the FDOT Florida Design Manual (FDM) and are governed by the most current version of the FDOT Standard Specifications for Road and Bridge Construction and the most current version of the Standard Plans for Road Construction.
- * At the end of each day, the right of way (including all travel lanes) shall be restored for safe vehicular traffic. No drop-off conditions are allowed to remain. No materials, equipment, etc. shall be stored within the right of way while the work zone is inactive.
- * It is the responsibility of the Permittee to determine and comply with all applicable county and municipal ordinances that are more stringent than the department's requirements.
- * The permittee shall not during or after construction introduce any form of unpermitted storm water discharge into the department's right of way or easements.
- * All work inside FDOT right of way shall be in accordance with the most current version of Standard Plans for Road Construction and Standard Specifications for Road and Bridge Construction.
- * The permittee is responsible for resolving any utility conflicts before construction begins. All conflicting utilities must be adjusted at the permittee's expense. A separate utility permit must be obtained for any utility work within the Department's right of way.
- * An on-site pre-construction meeting shall be held prior to any construction being performed in FDOT right-of-way. Please contact Milton Operations Center 850-981-3000 to coordinate the pre-construction meeting and all inspections.
- * The permittee or contractor is required to contact Milton Operations Center 850-981-3000, at least 48 hours prior to working within the FDOT's right of way.
- * The permittee shall be responsible for providing final certification from a professional engineer that all construction within FDOT right-of-way has been constructed according to the most current version of Standard Plans for Construction and Specifications. Record drawing reports, engineer's certification, delivery tickets of all materials used inside FDOT right of way and any testing results will be required for the final acceptance of this permit.
- * The contractor must provide proof of coverage under a liability insurance policy in accordance with Florida Administrative Code 14-96.007(5) prior to the commencement of construction within the department's right of way. The Permit Number and permit name shall be shown on the certificate of liability insurance policy.
- * All maintenance of traffic within FDOT right of way must conform to the most current version of Standard Plans for Road Construction.
- * The FDOT is not responsible for design and/or plan errors. All construction in FDOT right of way shall be in accordance with FDOT standards and specifications.
- * The applicant will provide documentation by a Professional Engineer registered in the State of Florida that construction was accomplished in accordance with the requirements set out in the permit. This documentation shall include a statement that necessary inspections, tests, and physical measurements have been made, that construction was accomplished in accordance with the design information included with the connection permit in accordance with Rule Chapter 14-96, F.A.C., and that all materials entering into the work conform to the specifications in the connection permit, conform to the applicable specifications contained in the Standard Specifications for Road and Bridge Construction or otherwise conform to or meet generally accepted professional practices. The Record Drawings Report by Permittee's Professional Engineer, Form 850-040-19, shall be used for this purpose.

Hurricane Note:

All lanes must be opened to traffic within 12 hours after receiving notification of a hurricane evacuation or any other catastrophic event and shall remain open for the duration of the evacuation or event as directed by the Permits Manager.

Pre-Construction Note:

Engineer must schedule and have an on-site Pre- Construction Meeting (with representatives from the Engineering Firm, FDOT, Testing Laboratory, Contractor, and any other interested party present).

QC Plan Note (for turn lanes and widening projects only):

Contractor must submit a Quality Control (QC) Plan at the Pre- Construction Meeting. This QC Plan must be approved by FDOT before the contractor begins work. Testing must be done by a FDOT certified laboratory. All test results will be required to be submitted with the Engineer's Certification.

Sod Note:

Sod areas within 32" of pavement & slopes greater than 1:3. Other disturbed areas may be repaired by seeding or hydro-seeding. See Standard Plans Index 570-010 and section 570 of the Standard Specifications for Road & Bridge Construction."

Striping Note:

All striping within FDOT right of way shall be thermoplastic and adhere to Standard Plans Index 711-001 and Section 711 of the Standard Specifications for Road & Bridge Construction.

Lane and Shoulder Closures:

All Lane and Shoulder Closures must be requested and approved a minimum of 48 hours prior to work starting. Allow up to 2 weeks for approval process.

Ditch Flowline:

It is the contractor's responsibility to place side drain pipes at proper elevations needed to match the flowline of the drainage ditch (not sediment buildup) to ensure positive stormwater flow.

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- AR-1.0
- C-1.0
- C-1.1
- C-1.2
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- C-4.0
- C-4.1
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- COVER SHEET
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- OVERALL SITE PLAN
- DEMOLITION AND EROSION CONTROL PLAN
- DRIVEWAY PLAN & DETAILS
- SIGNING AND MARKING PLAN & DETAILS
- FDOT DRAINAGE DETAILS
- FDOT DRAINAGE AND CURB DETAILS
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- FDOT CURB RAMP DETAILS
- FDOT SIDEWALK & SIGN PLACEMENT DETAILS
- FDOT PAVEMENT MARKING DETAILS
- TRUCK PATH PLAN

PROJECT DESCRIPTION:

CONSTRUCT QUICK FOOD MART WITH NEW 6625 S.F. CONVENIENCE STORE, 24'- 0" x 206'- 0" FUEL ISLAND CANOPY, SEVEN MULTI-PRODUCT FUEL DISPENSERS & ASSOCIATED SITE IMPROVEMENTS

QUICK FOOD MART

7822 NORTH DAVIS HIGHWAY, PENSACOLA, ESCAMBIA COUNTY, FLORIDA

ROADWAY ID NO. 48070000 (MP 6.482)

DEVELOPMENT CONTACTS

ESCAMBIA COUNTY PLANNING & ZONING
CALEB MACCARTEE
 PLANNER
 3363 WEST PARK PLACE
 PENSACOLA, FL. 32505
 850-595-3473

EMERALD COAST UTILITY SEWER & WATER SERVICE
ANDRE CALAMINUS
 9255 STURDEVANT STREET
 PENSACOLA, FL. 32514
 850-969-6643

ESCAMBIA COUNTY ROZA I SESTNOV
 DRAINAGE DEPARTMENT
 3363 WEST PARK PLACE
 PENSACOLA, FL. 32505
 850-595-3411

ESCAMBIA COUNTY JASON WALTERS
 ACCESS MANAGEMENT
 3363 WEST PARK PLACE
 PENSACOLA, FL. 32505
 850-595-3422

ESCAMBIA COUNTY TERRY WILLIAM
 LANDSCAPE /SIGNAGE
 3363 WEST PARK PLACE
 PENSACOLA, FL. 32505
 850-595-4572

FLORIDA DEPT. OF TRANS. PERMITS DIVISION
 6025 OLD BAGDAD HWY
 MILTON, FL. 32583
 850-981-2701

TELEPHONE PROVIDER AT&T
MS. RAVEN
 855-293-7676

ESCAMBIA COUNTY BUILDING DEPARTMENT
CALEB MACCARTEE
 REVIEWER
 3363 WEST PARK PLACE
 PENSACOLA, FL. 32505
 850-595-3473

ESCAMBIA COUNTY FIRE AND LINE SAFETY
BRIAN HATLER
 PLANNER
 3363 WEST PARK PLACE
 PENSACOLA, FL. 32505
 850-595-1815

NATURAL GAS PROVIDER: PENSACOLA ENERGY
JOHN SCANLON
 1625 ATWOOD DRIVE
 PENSACOLA, FL. 32514
 850-473-6929 (OFFICE)
 850-324-9752 (CELL)

ESCAMBIA COUNTY FL DEPT OF HEALTH
MONICA WILSON
 REVIEWER
 1300 W. GREGORY STREET
 PENSACOLA, FL. 32502
 monica.wilson@flhealth.gov

ESCAMBIA COUNTY FIRE - RESCUE
FIRE MARSHAL JOSEPH QUINN
 6575 N W STREET
 PENSACOLA, FL. 32505
 850-595-1819

ELECTRIC PROVIDER: GULFPOWER
JUSTIN SCHNADELBACH
 1800-225-5797 (OFFICE)

FLORIDA DEPT. OF ENVIROMENTAL PROT.
SARA MERITT
 NORTHWEST DISTRICT, FDEP
 160 W. GOVERNMENT STREET, SUITE 308
 PENSACOLA, FL. 32502
 850-595-0589

OWNER

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Abu Mridha

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Gulf Breeze, FL. 32563

Phone No. 775-848-1271

ENGINEER

MDM SERVICES, INC.

engineering • environmental • construction

1055 KATHLEEN ROAD,
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 EF #932-464 (863) 646-9130

CONTACT: PROJECT MANAGER – JUAN LLUGDAR
 Phone: (863) 646-9130 EXT. 114 (OFFICE)
 (850) 553-1318 (MOBILE)

DAIMIAN D LESLIE, P.E.
FL. REG #73113

This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date shown. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

GENERAL PROJECT NOTES

- A. All construction shall comply with applicable building codes and local restrictions. Contractors must comply with contractor registration requirements of all governing authorities.
- B. Approved plans shall be kept in a plan box and shall not be used by workmen. All construction sets shall reflect same information. Contractor shall maintain one complete set of plans on the premises in good condition at all times. This shall include all addenda.
- C. The contractor shall field verify all conditions and dimensions prior to starting any work and shall be responsible for all work and materials including those furnished by subcontractors and owner.
- D. Discrepancies between portions of the contract documents, drawings and specifications are not intended. The contractor is to clarify any such discrepancies with the owner prior to commencing work.
- E. Stated dimensions take precedence over graphics, do not scale drawings to determine locations. The owner shall be notified of any such discrepancies prior to continuing with work.
- F. Contact owner for instructions prior to the continuation of work should any unusual conditions become apparent during grading or foundation construction. Existing elevations and locations to be jointed shall be verified by the contractor prior to construction. If they differ from those shown on the drawings, the contractor shall notify the owner so that modifications can be made before proceeding with the work.
- G. It shall be the responsibility of the contractor to locate all existing utilities whether shown herein or not and to protect them from damage. The contractor shall bear the expense of repair or replacement of utilities or other property damaged by operations in conjunction with the execution of the work after so located.
- H. For construction details not shown, use the manufacturer's approved shop drawings / data sheets in accordance with the project specifications
- I. Fire extinguishers to be installed at heights designated by owner and in compliance with local fire code. Final fire extinguisher locations shall be approved by fire marshal.
- J. G.C. to get application for "knock/access box" from the fire marshals office. Box is to be installed prior to final inspection.
- K. G.C. to supply as-built survey of constructed site to Circle K & E.O.R. in PDF format and AutoCAD format before Certificate of Completion is issued.

DATES

11/29/23 REV PER FDOT COMMENTS

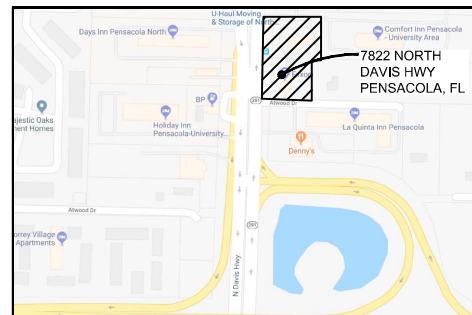
VERSION:

STORE NUMBER
 TBD
 MDM PROJECT NUMBER
 18012

CV-S

ISSUED FOR BID 03/08/2024

SITE VICINITY MAP



LEGAL DESCRIPTION

LEGAL DESCRIPTION

FROM THE SPECIAL WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 6175, AT PAGE 332, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA.

FROM THE NORTHEAST CORNER OF LOT 19 OF THE PLAT OF THE SUBDIVISION OF THE SOUTHEAST QUARTER OF SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST RECORDED IN BOOK 104, AT PAGE 596 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA, RUN NORTHERLY ALONG THE EAST LINE OF SECTION 18 FOR 15 FEET, THEN RUN IN A WESTERLY DIRECTION FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 2569.5 FEET TO A POINT IN THE EASTERLY RIGHT OF WAY LINE OF STATE ROAD # 291 (FERRY PASS HIGHWAY); THEN RUN IN A NORTHERLY DIRECTION WITH SAID RIGHT OF WAY FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 371.4 FEET TO THE SOUTH LINE OF LOT 14 AND THE POINT OF BEGINNING OF THE TRACT HEREIN CONVEYED; THEN CONTINUING ALONG SAID RIGHT OF WAY LINE 167 FEET TO A POINT; THEN RUN IN AN EASTERLY DIRECTION FORMING AN INTERIOR ANGLE OF 90 DEGREES 48 MINUTES WITH THE LAST PRECEDING COURSE 150 FEET TO A PIPE; THEN RUN IN A SOUTHERLY DIRECTION FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 167 FEET TO A POINT IN THE NORTHERLY RIGHT OF WAY LINE OF AN UNNAMED ROAD AND THE SOUTH LINE OF LOT 14; THEN WITH THE NORTH LINE OF SAID ROAD AND THE SOUTH LINE OF LOT 14 FORMING AN INTERIOR ANGLE OF 90 DEGREES 48 MINUTES WITH THE LAST PRECEDING COURSE 150 FEET TO THE POINT OF BEGINNING; BEING A PORTION OF LOT 14 IN SAID SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA.

BOUNDARY AND TOPOGRAPHIC SURVEY

© COPYRIGHT 2022 BY RONALD E. RUBEN II, P.S.M.

LEGAL DESCRIPTION

FROM THE SPECIAL WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 6175, AT PAGE 332, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA.

FROM THE NORTHEAST CORNER OF LOT 19 OF THE PLAT OF THE SUBDIVISION OF THE SOUTHEAST QUARTER OF SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST RECORDED IN BOOK 104, AT PAGE 596 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA, RUN NORTHERLY ALONG THE EAST LINE OF SECTION 18 FOR 15 FEET, THEN RUN IN A WESTERLY DIRECTION FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 2569.5 FEET TO A POINT IN THE EASTERLY RIGHT OF WAY LINE OF STATE ROAD # 291 (FERRY PASS HIGHWAY); THEN RUN IN A NORTHERLY DIRECTION WITH SAID RIGHT OF WAY FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 371.4 FEET TO THE SOUTH LINE OF LOT 14 AND THE POINT OF BEGINNING OF THE TRACT HEREIN CONVEYED; THEN CONTINUING ALONG SAID RIGHT OF WAY LINE 167 FEET TO A POINT, THEN RUN IN AN EASTERLY DIRECTION FORMING AN INTERIOR ANGLE OF 90 DEGREES 48 MINUTES WITH THE LAST PRECEDING COURSE 150 FEET TO A PIPE, THEN RUN IN A SOUTHERLY DIRECTION FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 167 FEET TO A POINT IN THE NORTHERLY RIGHT OF WAY LINE OF AN UNNAMED ROAD AND THE SOUTH LINE OF LOT 14; THEN WITH THE NORTH LINE OF SAID ROAD AND THE SOUTH LINE OF LOT 14 FORMING AN INTERIOR ANGLE OF 90 DEGREES 48 MINUTES WITH THE LAST PRECEDING COURSE 150 FEET TO THE POINT OF BEGINNING; BEING A PORTION OF LOT 14 IN SAID SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA.

FROM THE WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 8459, AT PAGE 752, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA.

A PARCEL OF LAND IN SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA, DESCRIBED AS FOLLOWS:

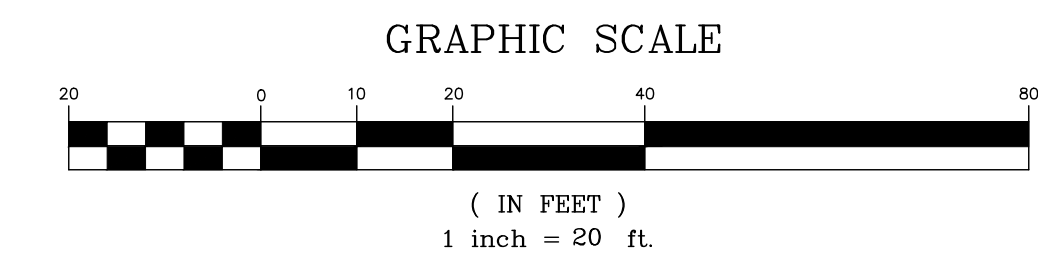
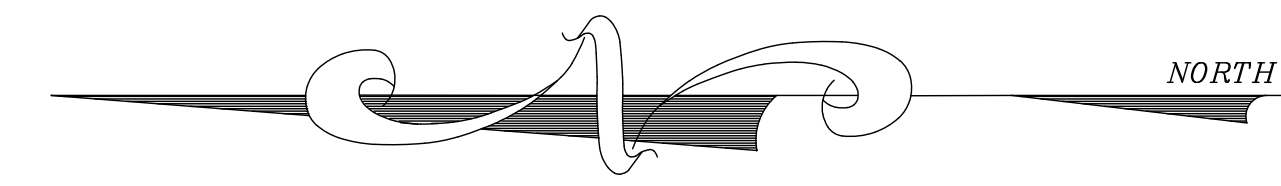
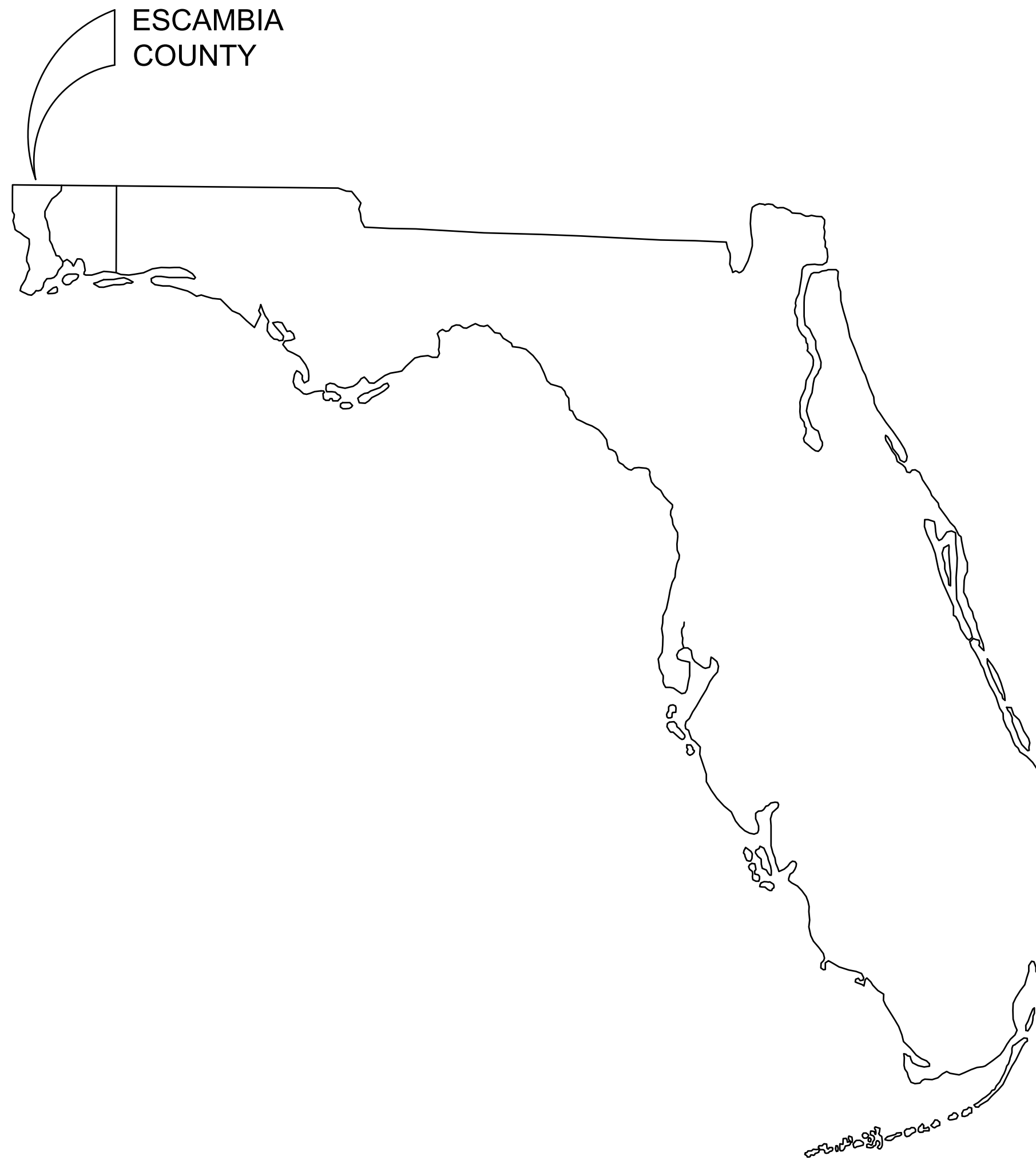
COMMENCE AT THE SOUTHWEST CORNER OF NORTHCROSS VILLAGE AS RECORDED IN PLAT BOOK 12 AT PAGE 58 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, SAID POINT ALSO BEING ON THE EAST RIGHT-OF-WAY-LINE OF STATE ROAD 291/DAVIS HIGHWAY (200' R/W) AND THE SOUTH LINE OF LOT 7 OF THE NATIONAL LAND SALES PLAT AS RECORDED IN DEED BOOK 100 AT PAGE 494 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY; THENCE SOUTH 03°21'32" WEST ALONG SAID EAST RIGHT-OF-WAY LINE A DISTANCE OF 39.50 FEET FOR THE POINT OF BEGINNING; THENCE SOUTH 87°00'25" EAST A DISTANCE OF 184.50 FEET; THENCE SOUTH 03°32'23" WEST A DISTANCE OF 150.04 FEET; THENCE NORTH 87°00'25" WEST A DISTANCE OF 184.06 FEET TO SAID EAST RIGHT-OF-WAY LINE OF DAVIS HIGHWAY; THENCE NORTH 03°22'13" EAST ALONG SAID RIGHT-OF-WAY LINE A DISTANCE OF 150.04 FEET TO THE POINT OF BEGINNING.

GENERAL NOTES:

1. NORTH AND THE BEARINGS SHOWN HEREON ARE REFERENCED TO THE ASSUMED BEARING OF NORTH 03 DEGREES 09 MINUTES 50 SECONDS EAST ALONG THE EAST RIGHT-OF-WAY LINE OF DAVIS HIGHWAY.
2. THE MEASUREMENTS SHOWN HEREON WERE MADE TO UNITED STATES STANDARDS AND WERE RECORDED IN DECIMAL OF FEET UNLESS OTHERWISE MARKED.
3. NO TITLE SEARCH WAS PERFORMED BY NOR PROVIDED TO THIS FIRM FOR THE SUBJECT PROPERTY. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHTS-OF-WAY, BUILDING SETBACKS, STATE AND/OR FEDERAL JURISDICTIONAL AREAS RESTRICTIVE COVENANTS OR OTHER INSTRUMENTS THAT COULD AFFECT THE BOUNDARIES OR USE OF THE SUBJECT PROPERTY.
4. THE SURVEY DATUM SHOWN HEREON IS REFERENCED TO FROM THE SPECIAL WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 6175, AT PAGE 332, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA, THE RIGHT-OF-WAY MAPS FOR STATE ROAD 291 (DAVIS HIGHWAY), WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 8459, AT PAGE 752, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA, PREVIOUS SURVEYS BY THIS FIRM AND TO EXISTING FIELD MONUMENTATION.
5. STATE AND FEDERAL COPYRIGHT ACTS PROTECT THIS MAP FROM UNAUTHORIZED USE. THIS MAP IS NOT TO BE COPIED OR REPRODUCED EITHER IN WHOLE OR IN PART, OR TO BE USED FOR ANY OTHER FINANCIAL TRANSACTION. THIS DRAWING CANNOT BE USED FOR THE BENEFIT OF ANY OTHER PERSON, COMPANY OR FIRM WITHOUT THE PRIOR WRITTEN CONSENT OF THE COPYRIGHT OWNER.
6. IN ACCORDANCE WITH STATE OF FLORIDA ADMINISTRATIVE CODE, ANY ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING SURVEYOR AND MAPPER ARE PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF THE SIGNING SURVEYOR AND MAPPER.
7. THE STRUCTURE DIMENSIONS IF ANY DO NOT INCLUDE THE EAVES OR OVERHANG OR THE FOUNDATION FOOTINGS.
8. IT IS THE OPINION OF THE UNDERSIGNED SURVEYOR AND MAPPER THAT THE PROPERTY SHOWN HEREON IS LOCATED IN ZONE "X", BASE FLOOD ELEVATION NOT APPLICABLE, AS DETERMINED BY SCALE FROM FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA NUMBERED 12033C0315 G, DATED SEPTEMBER 29, 2006.
9. ABOVE-GROUND UTILITIES AND EVIDENCE OF SUBTERRANEAN UTILITIES ARE SHOWN HEREON. THERE MAY BE ADDITIONAL SUBTERRANEAN UTILITIES WHICH ARE NOT SHOWN HEREON.
10. THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

LEGEND:

- R/W — RIGHT OF WAY
- D — DESCRIPTION
- F — FIELD
- C — CALCULATED
- LS — LICENSED SURVEYOR
- LB — LICENSED BUSINESS
- FFE — FINISHED FLOOR ELEVATION
- ⊕ — 1/2" CAPPED METAL ROD LS #5791 (SET)
- — 1/2" CAPPED METAL ROD LB #5802 (FOUND)
- — 1/2" CAPPED METAL ROD LB #1532 (FOUND)
- — 1/2" CAPPED METAL ROD # ILLEGIBLE (FOUND)
- — 1/2" METAL ROD, NO IDENTIFICATION (FOUND)
- — 1/2" CAPPED METAL ROD LB #8298 (FOUND)
- ⊕ — UTILITY POLE
- ⊕ — UTILITY POLE ANCHOR
- ★ — LIGHT POLE
- — OVERHEAD UTILITY LINES
- ⊗ — WATER METER
- ⊗ — MONITORING WELL
- ⊗ — SANITARY SEWER MANHOLE



SURVEYOR'S CERTIFICATE:

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND COMPLIES WITH THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS & MAPPERS IN CHAPTERS 5J-17.050, 5J-17.051 AND 5J-17.052, PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

RONALD E. RUBEN II, P.S.M. # 5791

DATE

JOB NO. 20328-19	REVISION:	APPROVED BY:	DATE:	NO.:	SHEET 1 OF 2
<p style="color: red; font-size: 2em; font-weight: bold; transform: rotate(-90deg); transform-origin: center;">ISSUED FOR BID 03/08/2024</p>					
<p>NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND SEAL OF A SURVEYOR FOR ANY MAP OR SURVEY</p>					
JOB NO.: 20328-19	FIELD DATE: 04/08/21	FIELD BOOK: 736/742/744	PAGE: 76-77/62, 77/15-16	<p>PROPERTY ADDRESS: 1732 & 7th St SW, Escambia Co, FL 32501</p>	
<p>DAVID R. RUBEN II, P.S.M. # 5791, STATE OF FLORIDA DRAWN BY: JHD, CHECKED BY: JHD, APP. BY: JHD, DATE: 04/08/21</p>					

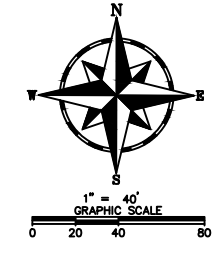
BOUNDARY AND TOPOGRAPHIC SURVEY

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POINT OF COMMENCEMENT:
THE NORTHEAST CORNER OF LOT 19 OF THE PLAT OF THE SUBDIVISION OF THE SOUTHWEST CORNER OF SECTION 14, T17N, R17E, SCAMBA COUNTY, FLORIDA, RANGE 30 WEST, ESCAMBA COUNTY, FLORIDA, (BOOK 104, PAGE 596)

JOB NO.: 20328-19	REVISION:	APPROVED BY:	DATE:
PROPERTY ADDRESS: 1100 N. OCEAN BLVD. UNIT 303 WEST ESCAMBA COUNTY, FLORIDA 32309	NO.:	DATE:	DATE:
FIELD BOOK: 661	PAGE: 56-62, 64, 65, 67, 72	NOT VALID WITHOUT THE ORIGINAL SIGNATURE OF THE SURVEYOR	
FIELD DATE: 09/24/19	FIELD BOOK: 661	ISSUED FOR BID 03/08/2024	
DR. BY: JHD	APP. BY: JHD	JOB NO.: 20328-19	
SCALE: 1"=20'	SCALE: 1"=20'	SHEET 2 OF 2	



CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 757 Beal Parkway, NW
 Fort Walton Beach, FL 32447
 Phone No. 775-841-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environment • construction
 1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33805
 Phone: (853) 546-9130
 2151 W. HILLSBORO BOULEVARD, SUITE 101
 DEERFIELD BEACH, FLORIDA 33442
 Phone: (954) 421-0776
 FL, CA, #485

NO. DATE REVISIONS
 This item has been digitally signed and sealed by Daimian D. Leslie, P.E., or his authorized agent. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
 FL. REG #73

6,622 SQ. FT. BUILDING

SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DAVENPORT
PENSACOLA, FLORIDA

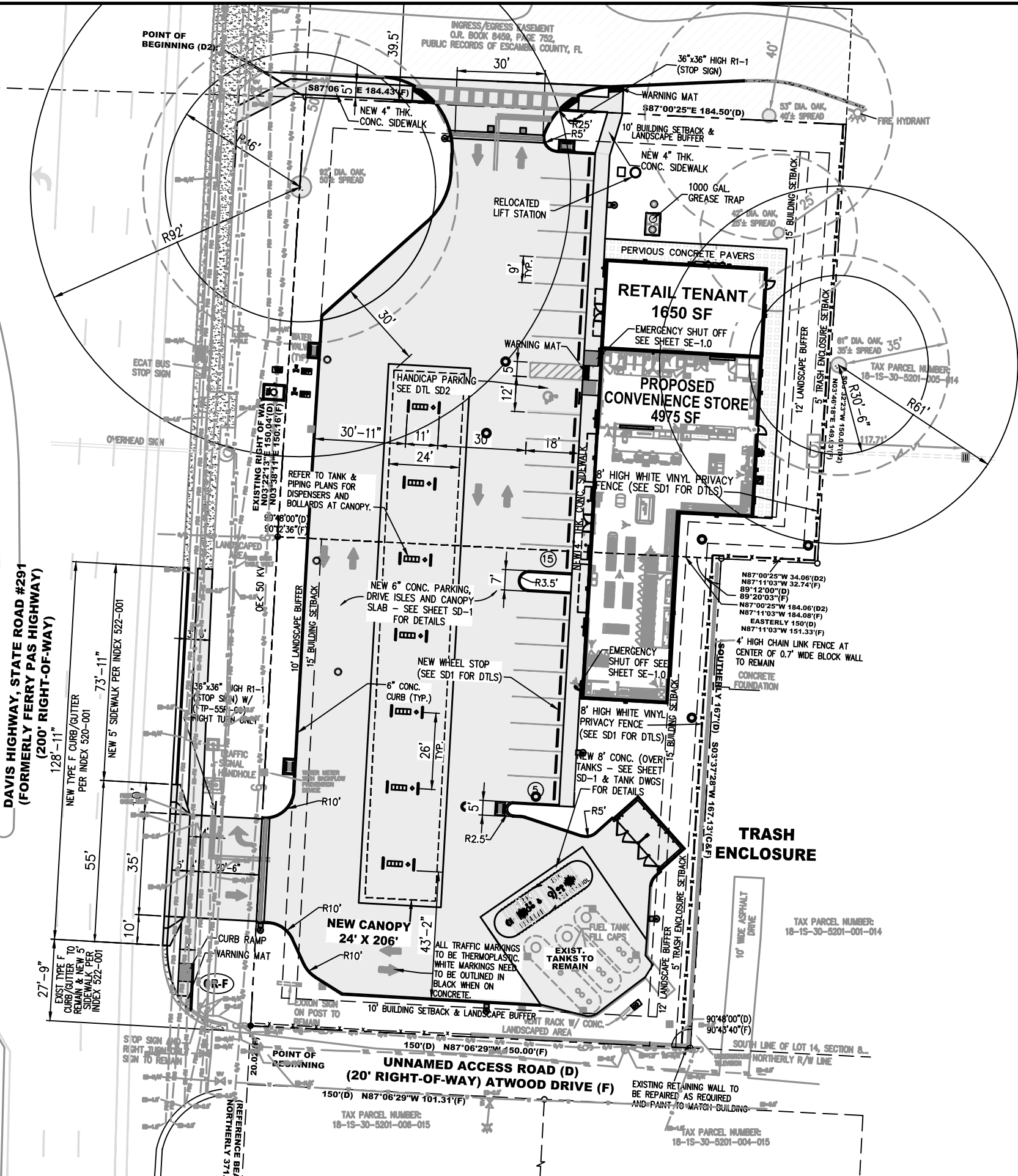
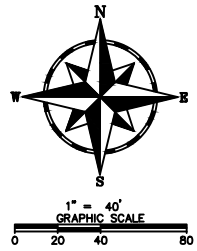
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 DATE: 05-04-2021
 DESIGNED BY:
 DRAWN BY: DDB/SLO
 CHECKED BY:
 FILE NO: 18012CD11X17.DWG

DRAWING TITLE:
AERIAL SITE PLAN

SHEET NO.:
AR1.0



ISSUED FOR BID 03/08/2024



OWNER:
 ALT PENSACOLA, INC.
 757 BEAL PARKWAY NW
 FORT WALTON BEACH, FLORIDA 32547
 CONTACT: ABU MRIDHA
 PHONE: 775-848-1271

SURVEYOR:
 RUBEN SURVEYING & MAPPING
 913 GULF BREEZE PKWY SUITE 6
 GULF BREEZE, FLORIDA 32561
 CONTACT: RONALD E. RUBEN II
 PHONE: 850-916-7382

ENGINEER:
 MDM SERVICES, INC.
 2151 W HILLSBORO BLVD., SUITE 401
 DEERFIELD BEACH, FLORIDA 33442
 CONTACT: RICHARD R. MORRIS, P.E.
 PHONE: 954-427-3076 EXT. 302

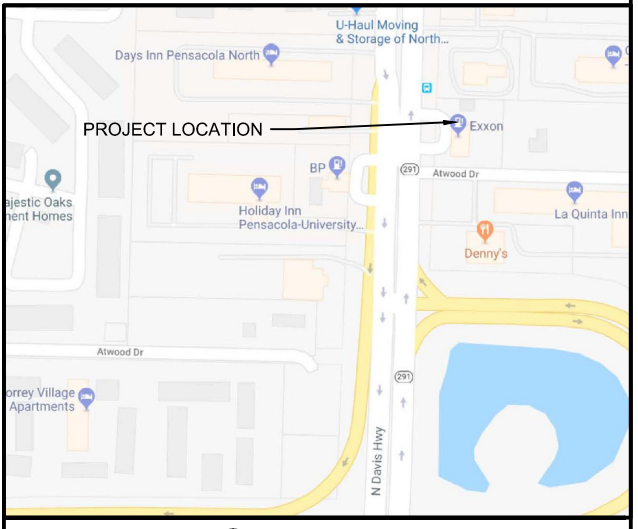
SITE DATA:

EXISTING SITE AREAS:
 PARCEL NO: (18-1S-30-5201-000-014)
 ± 27,643.61 SF OR 0.635 ACRES M.O.L.
 PARCEL NO: (18-1S-30-5201-002-014)
 ± 25,162.64 SF OR 0.578 ACRES M.O.L.
 TOTAL PARCEL AREA FOR DESIGN: 1.212 ACRES M.O.L.

EXISTING SITE AREAS (COMBINED PARCELS):
 TOTAL SITE AREA: 52,806.25 SQ.FT. OR 1.212 ACRES M.O.L.
 TOTAL PERVIOUS AREA: 12,947.09 SQ.FT. OR 24.52% OF SITE
 TOTAL "TRUE" IMPERVIOUS AREA: 35,179.08 SQ.FT. OR 66.62% OF SITE
 TOTAL "SEMI" IMPERVIOUS AREA: 4,680.08 SQ.FT. OR 8.86% OF SITE
 (PERVIOUS CONCRETE PAVERS)
 GRAND TOTAL IMPERVIOUS AREA: 39,859.16 SQ.FT. OR 75.48% OF SITE

PROPOSED SITE AREAS (COMBINED PARCELS):
 TOTAL SITE AREA: 52,806.25 SQ.FT. OR 1.212 ACRES M.O.L.
 TOTAL PERVIOUS AREA: 16,402.82 SQ.FT. OR 31.06% OF SITE
 TOTAL "TRUE" IMPERVIOUS AREA: 35,431.09 SQ.FT. OR 67.10% OF SITE
 TOTAL "SEMI" IMPERVIOUS AREA: 972.34 SQ.FT. OR 1.58% OF SITE
 (PERVIOUS CONCRETE PAVERS)
 GRAND TOTAL IMPERVIOUS AREA: 36,403.43 SQ.FT. OR 68.94% OF SITE
 RESULTING DECREASE IN IMPERVIOUS SURFACE: 252.01 SF

- LEGEND:**
- NEW CONCRETE PAVEMENT
 - NEW PERVIOUS CONCRETE PAVERS
 - EXISTING CONCRETE PAVEMENT



VICINITY MAP
N.T.S.

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 757 Beal Parkway NW
 Fort Walton Beach, FL 32547
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environment • construction
 1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33805
 Phone: (853) 546-9130
 2151 W. HILLSBORO BOULEVARD, SUITE 401
 DEERFIELD BEACH, FLORIDA 33442
 Phone: (954) 427-3076
 FL. CA. #8850

NO. DATE REVISION

This item has been digitally signed and sealed by Daimian D. Lesita, P.E., or his authorized representative. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

DAIMIAN D. LESITA, P.E.
 FL. REG #73

6,622 SQ. FT. BUILDING

SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DAVIS HIGHWAY
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM
 DATE: 05-04-2021
 DESIGNED BY:
 DRAWN BY: DDB/SLO FILE NO:
 CHECKED BY: 18012CD11X17.DWG
DRAWING TITLE:
OVERALL SITE PLAN
 SHEET NO.

C1.0

ISSUED FOR BID 03/08/2024



EROSION CONTROL NOTES:

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

SITE EROSION CONTROLS SHALL BE CHECKED AND IF NECESSARY, REPAIRED WEEKLY AND WITHIN 24 HOURS AFTER EACH RAINFALL $\geq 1/2"$. IN THE EVENT OF CONTINUOUS RAINFALL, EROSION CONTROLS SHALL BE CHECKED DAILY.

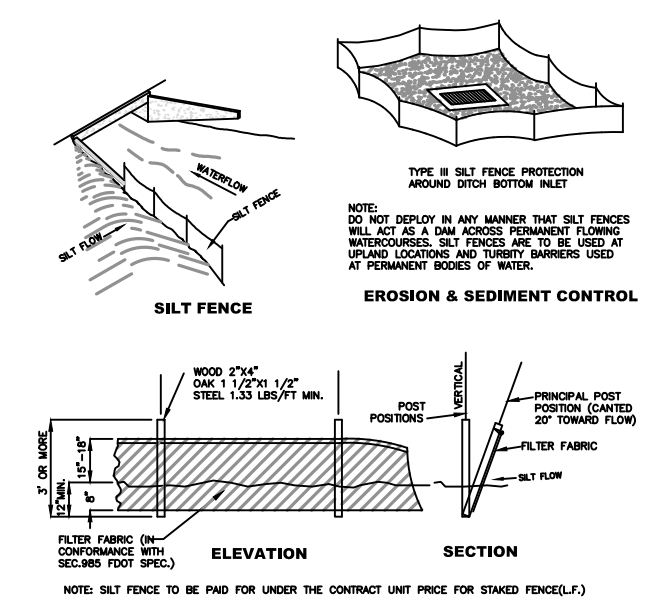
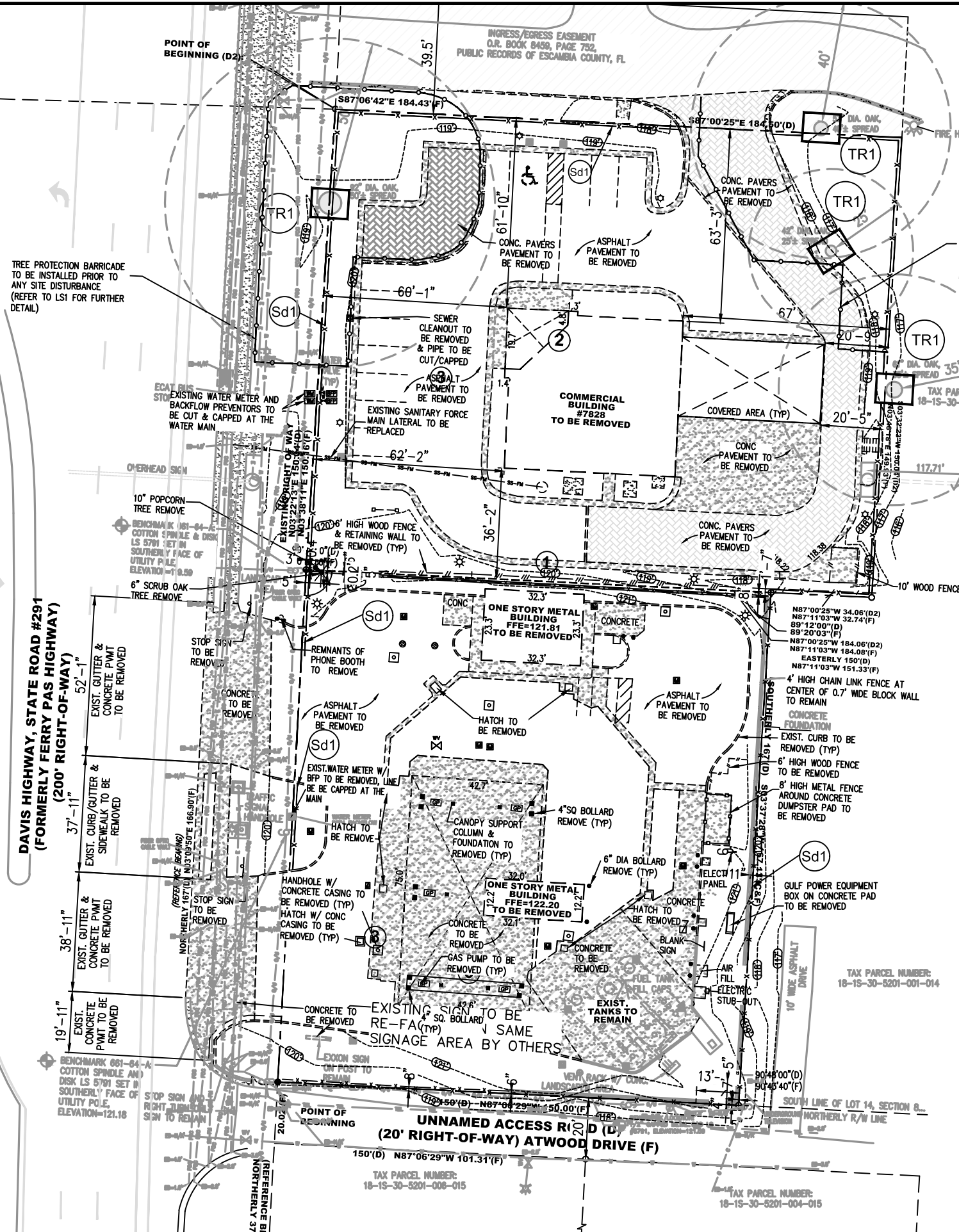
EROSION AND SEDIMENTATION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES WILL BE INSTALLED AS DEEMED NECESSARY BY ONSITE INSPECTION.

ALL EROSION CONTROL MEASURES ARE TO CONFORM TO THE STANDARDS SET FORTH IN THE USDA "PLANNING AND DESIGN MANUAL FOR EROSION AND SEDIMENT CONTROL", AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) "STORMWATER BMP MANUAL FOR BEST MANAGEMENT PRACTICES"; CURRENT EDITIONS.

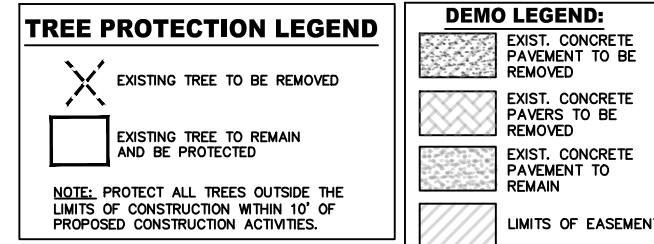
ALL AREAS TO REMAIN BARE > 15 DAYS MUST BE TEMPORARILY STABILIZED.

WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE.

INSPECTIONS: CONTRACTOR SHALL INSPECT AND DOCUMENT EROSION AND SEDIMENT CONTROL MEASURES AND REPAIR AS NEEDED MIN. 2 TIMES PER WEEK AND AT LEAST 72 HOURS APART.



SILT FENCE DETAIL
NO SCALE



GENERAL NOTES:

- CONSTRUCTION MATERIALS, ASSEMBLIES AND PROCEDURES ARE TO FOLLOW LOCALLY ADOPTED BUILDING CODES AND SUPPLEMENTARY ORDINANCES. WHEN A CONFLICT OCCURS BETWEEN SUCH LOCAL CODES AND INFORMATION SHOWN ON THE PLANS CONSULT ENGINEER OF RECORD FOR RESOLUTION PRIOR TO COMMENCING WORK.
- CONTRACTOR IS TO NOTIFY ENGINEER OF RECORD IF SITE CONDITIONS OR DIMENSIONS DISAGREE WITH INFORMATION SHOWN ON THE DRAWINGS. WORK IS NOT TO PROCEED UNTIL SUCH DIFFERENCES ARE RESOLVED.
- DRAWINGS SHALL NOT BE SCALED. "NOT TO SCALE" (INDICATED AS N.T.S.) AND THE LISTED DIMENSIONS GOVERN.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR DAMAGE TO THE WORK OF EACH OF THE OTHER TRADES CAUSED BY HIS OPERATIONS. REPAIR WORK MUST RECEIVE THE PRIOR APPROVAL OF THE COMPANY REPRESENTATIVE.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES AND FOR PROTECTING THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE COST OF REPAIR OR REPLACEMENT TO UTILITIES DAMAGED BY THE CONTRACTOR.
- G.C. SHALL PROVIDE EROSION CONTROL/SEDIMENTATION BARRIER (SYNTHETIC BARRIERS AND SILT FENCE) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS, AND WATERWAYS.
- INGRESS AND EGRESS TO SITE, DURING CONSTRUCTION, IS ALLOWED ONLY THROUGH APPROVED SITE DRIVEWAYS. PLACE GRAVEL AT SITE EGRESS TO MINIMIZE OFFSITE TRACKING

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
757 Beal Parkway NW
Fort Walton Beach, FL 32447
Phone No. 775-811-1271

DESIGN TEAM TITLE:
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engineering • environment • construction
1055 KATHLEEN ROAD, LAKELAND, FL 33805
Phone: (853) 546-9130
2151 W. HILLSBORO BOULEVARD, SUITE 101
DEERFIELD BEACH, FL 33442
Phone: (954) 421-0776
FL, CA, #8585

NO.	DATE	REVISIONS PER FOOT COMMENTS
01/02/24		REVISED PER FOOT COMMENTS

This item has been digitally signed and sealed by Daimian D. Leslie, P.E., of MDM Services, Inc. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
FL. REG #73

6,622 SQ. FT. BUILDING

CONVENIENCE STORE
7822 NORTH DAVIS ROAD
PENSACOLA, FLORIDA

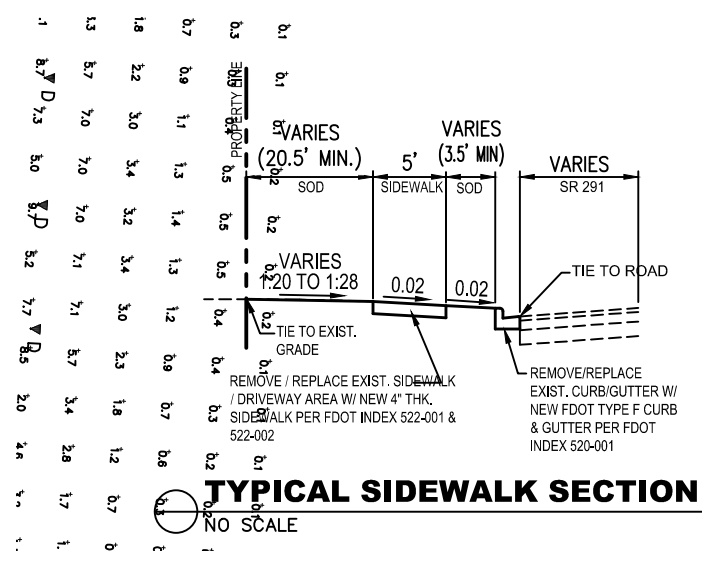
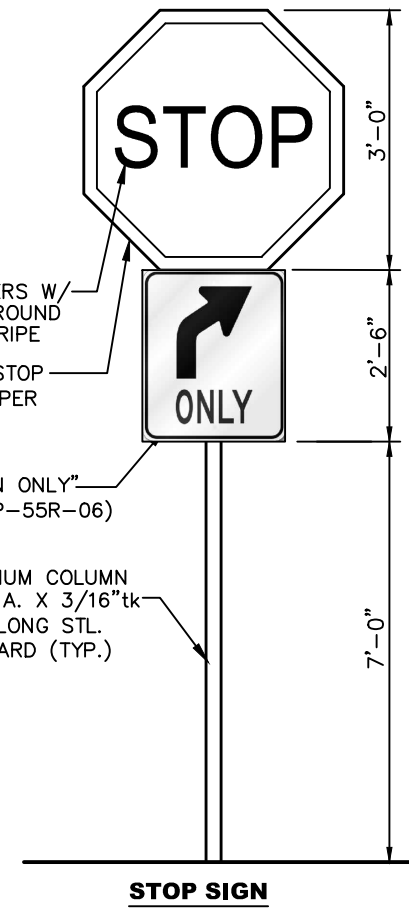
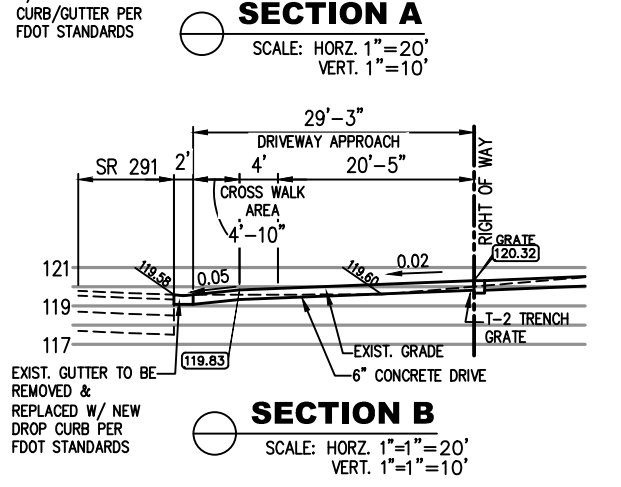
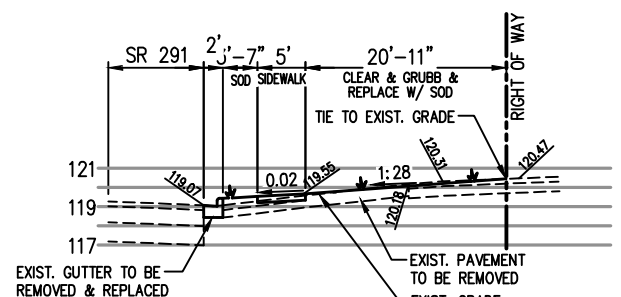
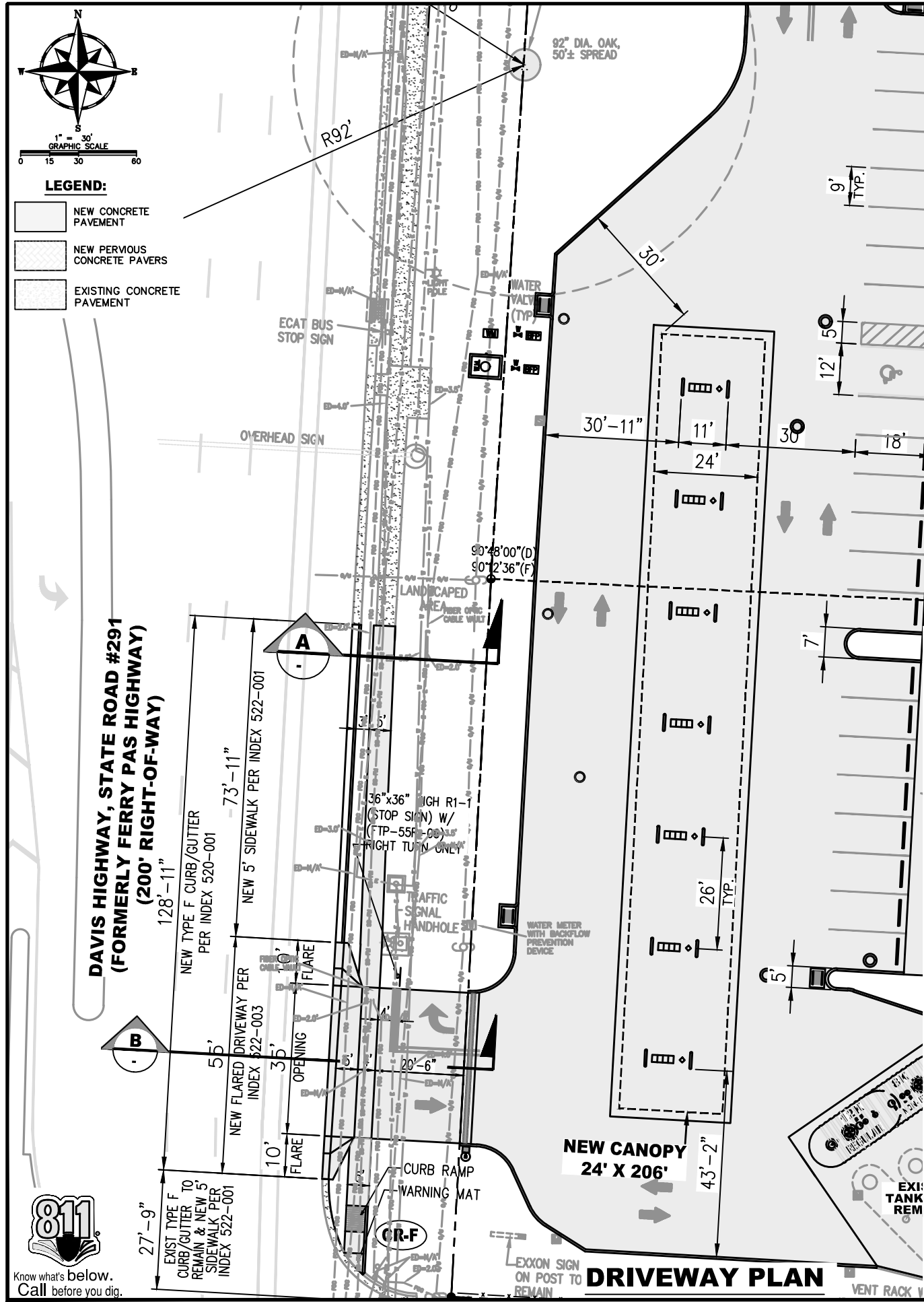
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DESIGNED BY:
DRAWN BY: DDB/SLO
CHECKED BY: 18012CD11X17.DWG

DEMOS & EROSION CONTROL PLAN

SHEET NO. **C1.1**



ISSUED FOR BID 03/08/2024



CLIENT:
ALT PENSACOLA INC.
 Abu Mrad
 757 Beal Parkway NW
 Fort Walton Beach, FL 32447
 Phone No. 775-841-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environmental • construction
 1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33805
 Phone: (853) 846-9133
 2151 W. HILLSBORO BOULEVARD, SUITE 101
 DEERFIELD BEACH, FLORIDA 33442
 Phone: (954) 421-0776
 FL. CA. #4851

NO.	DATE	REVISION

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DAIMIAN D. LESLIE, P.E.
 FL. REG #73

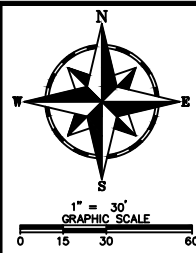
6,622 SQ. FT. BUILDING

SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DAVIS HIGHWAY
PENSACOLA, FLORIDA

SCALE: AS NOTED
 DATE: 05-04-2021
 DESIGNED BY:
 DRAWN BY: DDB/SLO
 CHECKED BY: 18012CD11X17.DWG
 DRAWING TITLE:
DRIVEWAY PLAN & DETAILS
 SHEET NO.:
C1.2

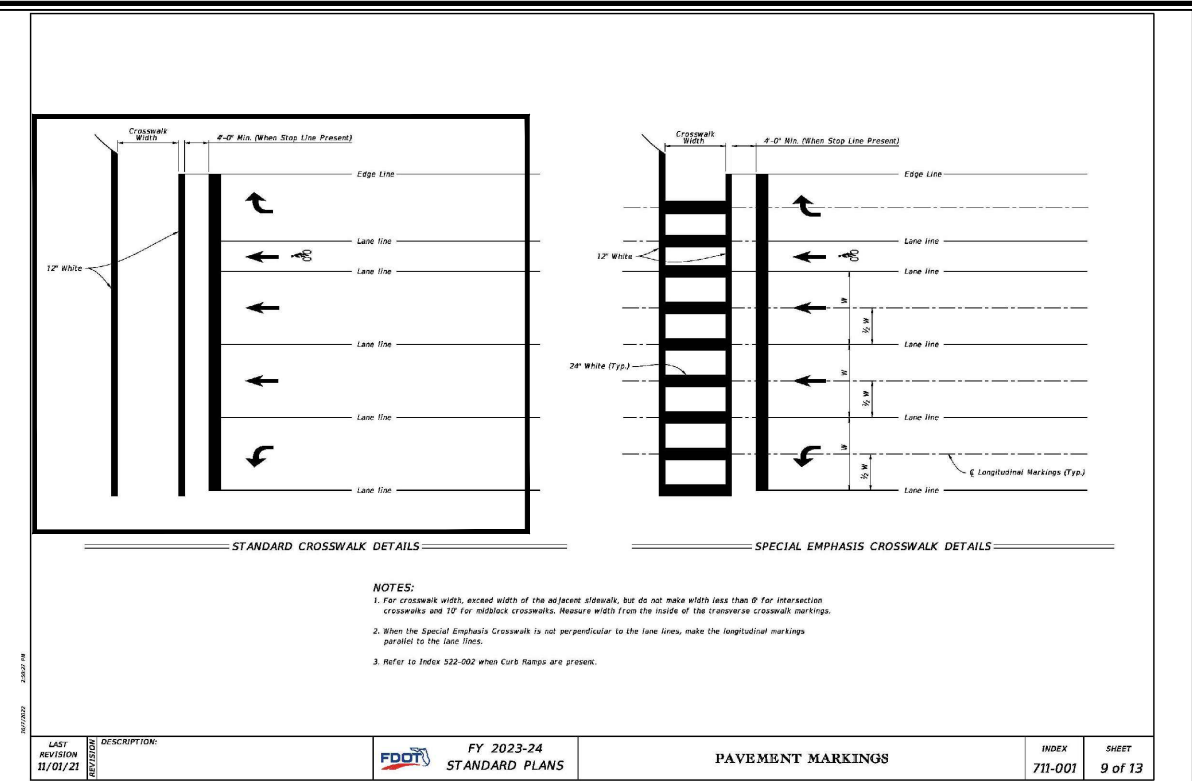
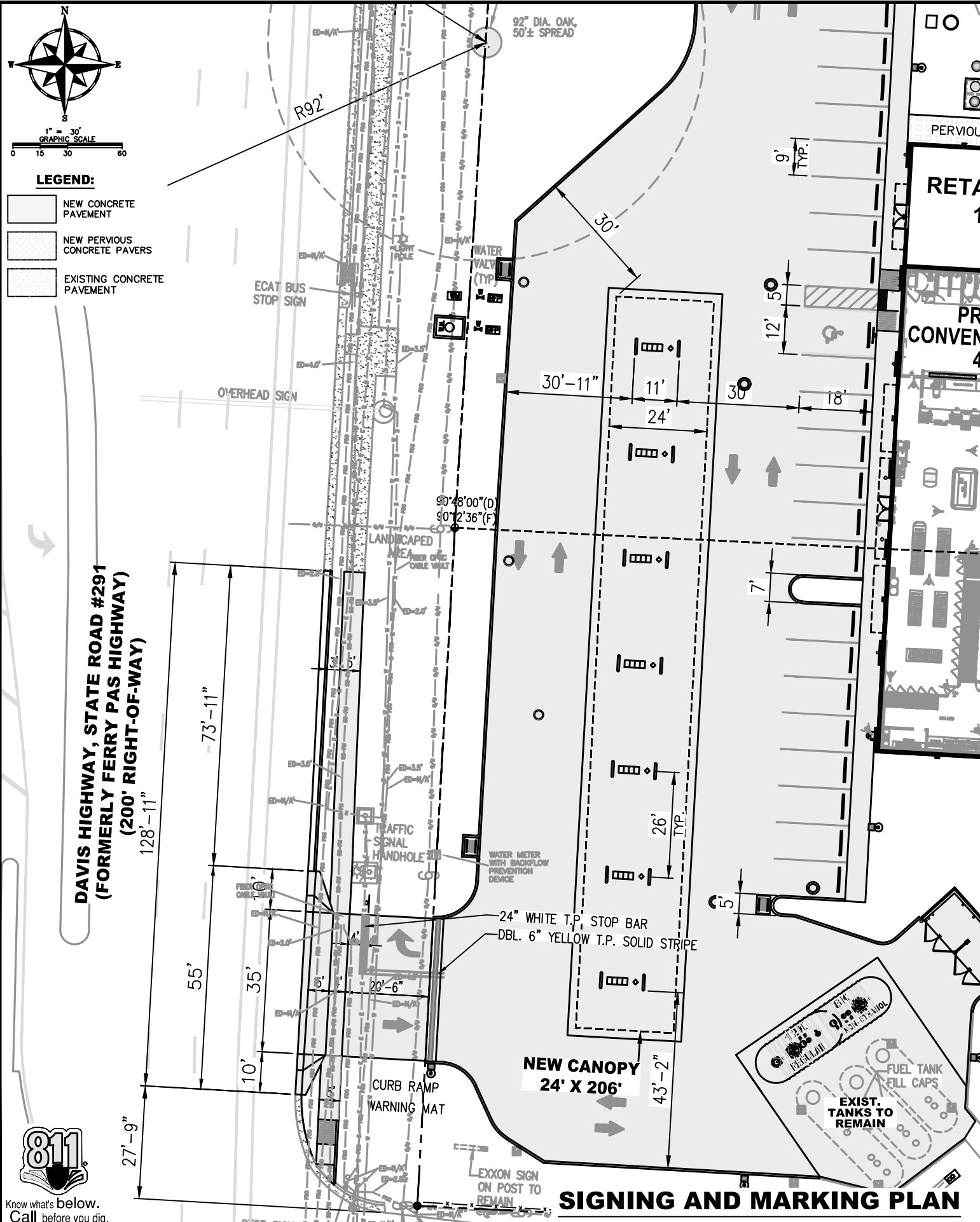
ISSUED FOR BID 03/08/2024





LEGEND:

- NEW CONCRETE PAVEMENT
- NEW PERVIOUS CONCRETE PAVERS
- EXISTING CONCRETE PAVEMENT



DETAIL IS FOR REFERENCE ONLY

TEMPORARY STRIPING NOTE:

* TEMPORARY PAINT PAVEMENT STRIPING IS REQUIRED PER FDOT STANDARD SPECIFICATION 711-4, WHICH STATES; WITH THE EXCEPTION OF SHORT-TERM RAISED RUMBLE STRIPS, WAIT AT LEAST 14 DAYS AFTER CONSTRUCTING THE FINAL ASPHALT SURFACE COURSE TO PLACE THERMOPLASTIC PAVEMENT MARKINGS. INSTALLATION OF THERMOPLASTIC ON CONCRETE REQUIRES A CLEAN, DRY SURFACE. FOLLOW THE MANUFACTURER'S RECOMMENDATIONS FOR SURFACE PREPARATION FOR THERMOPLASTIC ON CONCRETE. PROVIDE TEMPORARY PAVEMENT MARKINGS DURING THE INTERIM PERIOD PRIOR TO OPENING THE ROAD TO TRAFFIC.

ADA NOTE:

ALL CONCRETE RAMPS SHALL MEET ADA REQUIREMENTS

STRIPING NOTE:

ALL TRAFFIC RELATED PAVEMENT MARKINGS ARE REQUIRED TO BE THERMOPLASTIC, (ARROWS, STOP BARS, GORE)(SEE NOTE TEMP STRIPING NOTE PRIOR TO THERMOPLASTIC).

LEGEND:

- NEW CONCRETE PAVEMENT
- NEW PERVIOUS CONCRETE PAVERS
- EXISTING CONCRETE PAVEMENT

CLIENT:
ALT PENSACOLA INC.
 Abu Mrid
 757 Beal Parkway, NW
 Fort Walton Beach, FL 32447
 Phone No. 775-811-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
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 1055 KATHLEEN ROAD, LAKELAND, FL 33805
 Phone: (853) 546-0130
 2151 W. HILLSBORO BOULEVARD, SUITE 101
 DEERFIELD BEACH, FL 33442
 Phone: (954) 421-0776
 FL, CA, 8485

NO.	DATE	REVISION

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DAIMIAN D. LESLIE, P.E.
 FL REG #73

**6,622 SQ. FT.
 BUILDING**

SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DAVIS HIGHWAY
PENSACOLA, FLORIDA

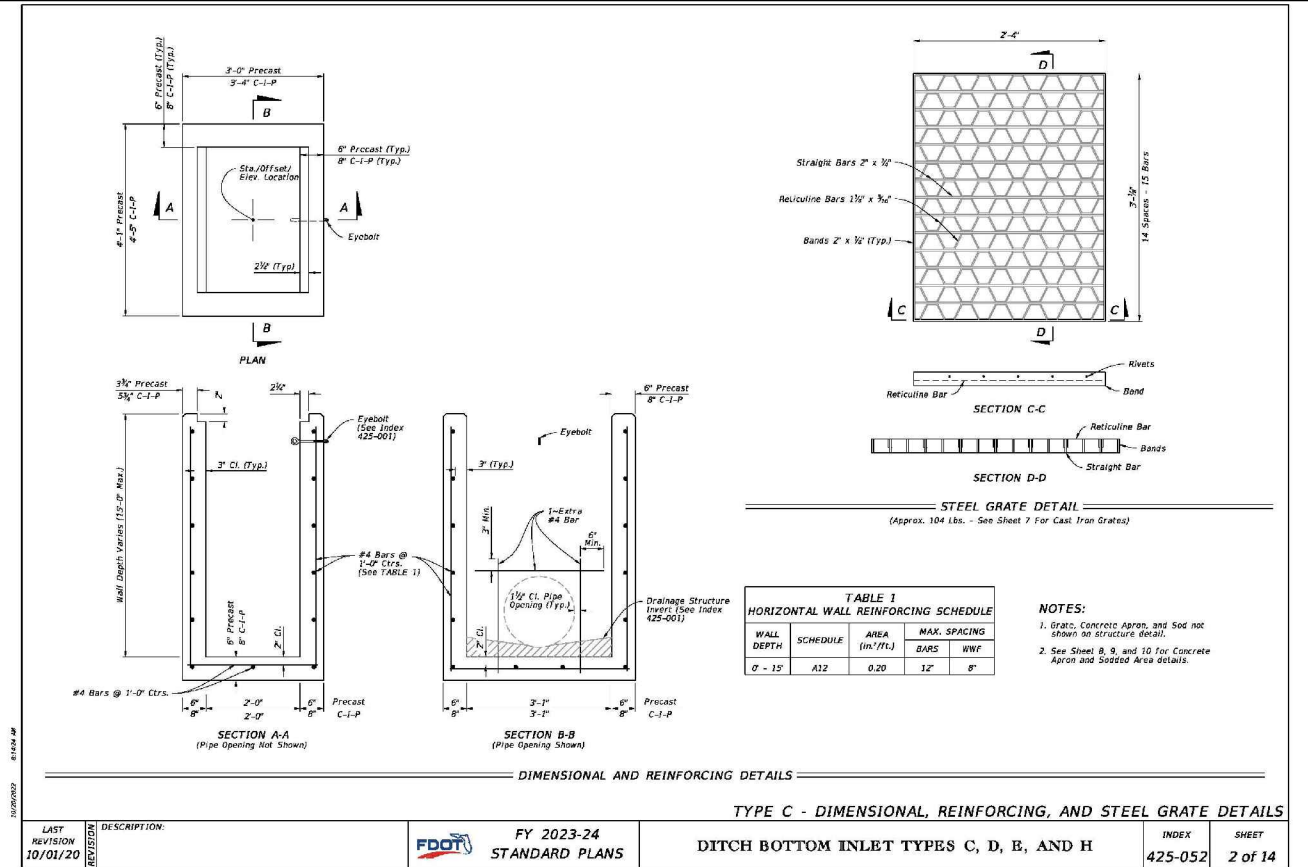
SCALE: AS NOTED MDM
 DATE: 05-04-2021
 DESIGNED BY:
 DRAWN BY: DDB/SLO FILE NO:
 CHECKED BY: 18012CD11X17.DWG

DRAWING TITLE:
SIGNING AND MARKING PLAN & DETAILS

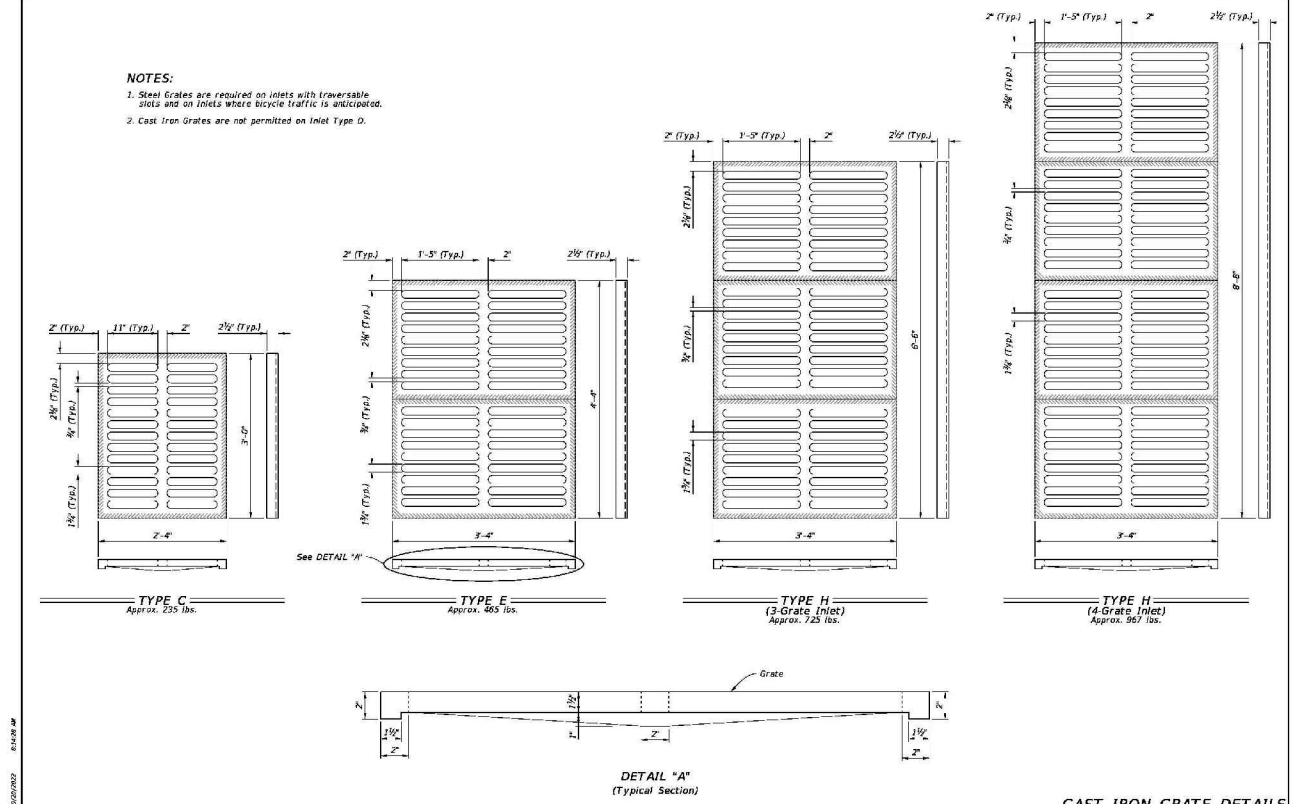
SHEET NO.: **C1.3**



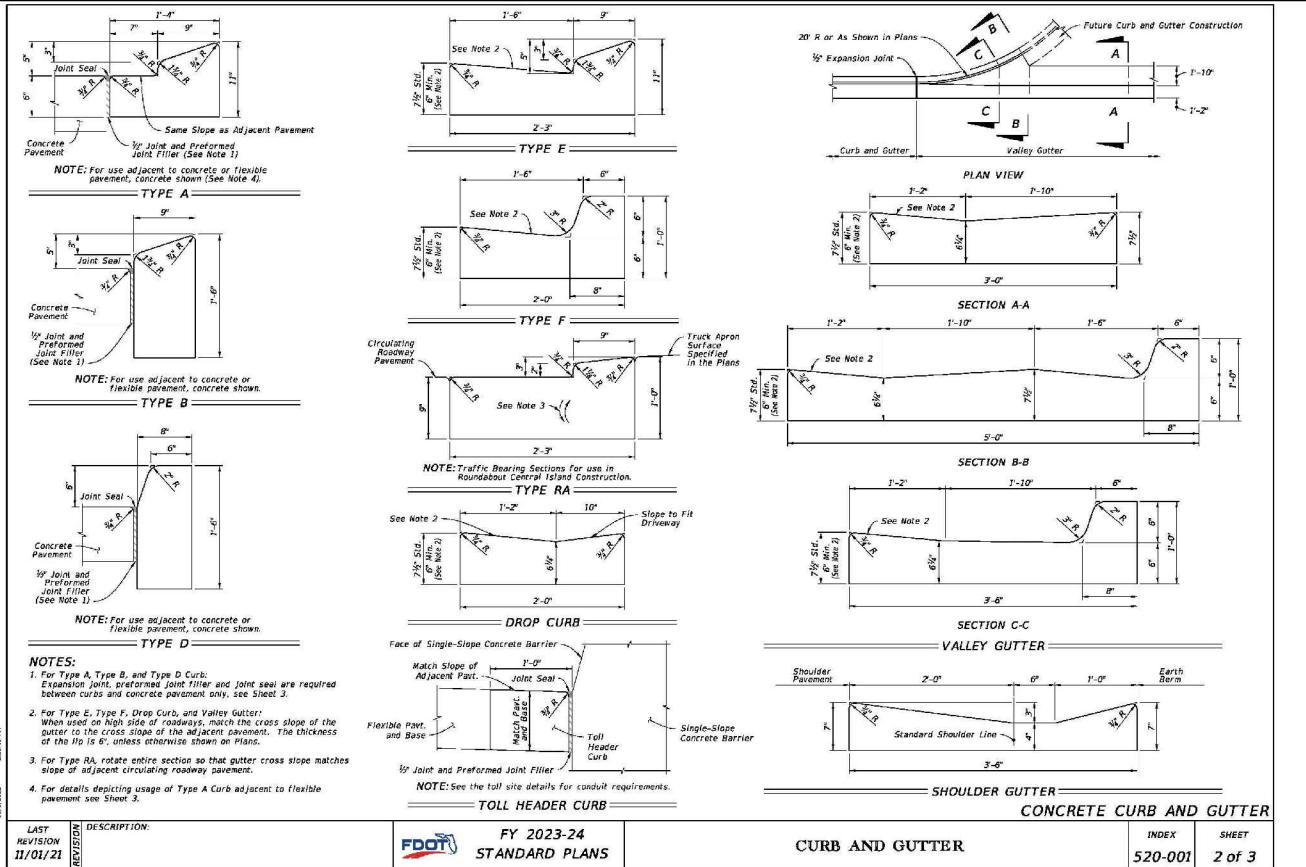
ISSUED FOR BID 03/08/2024



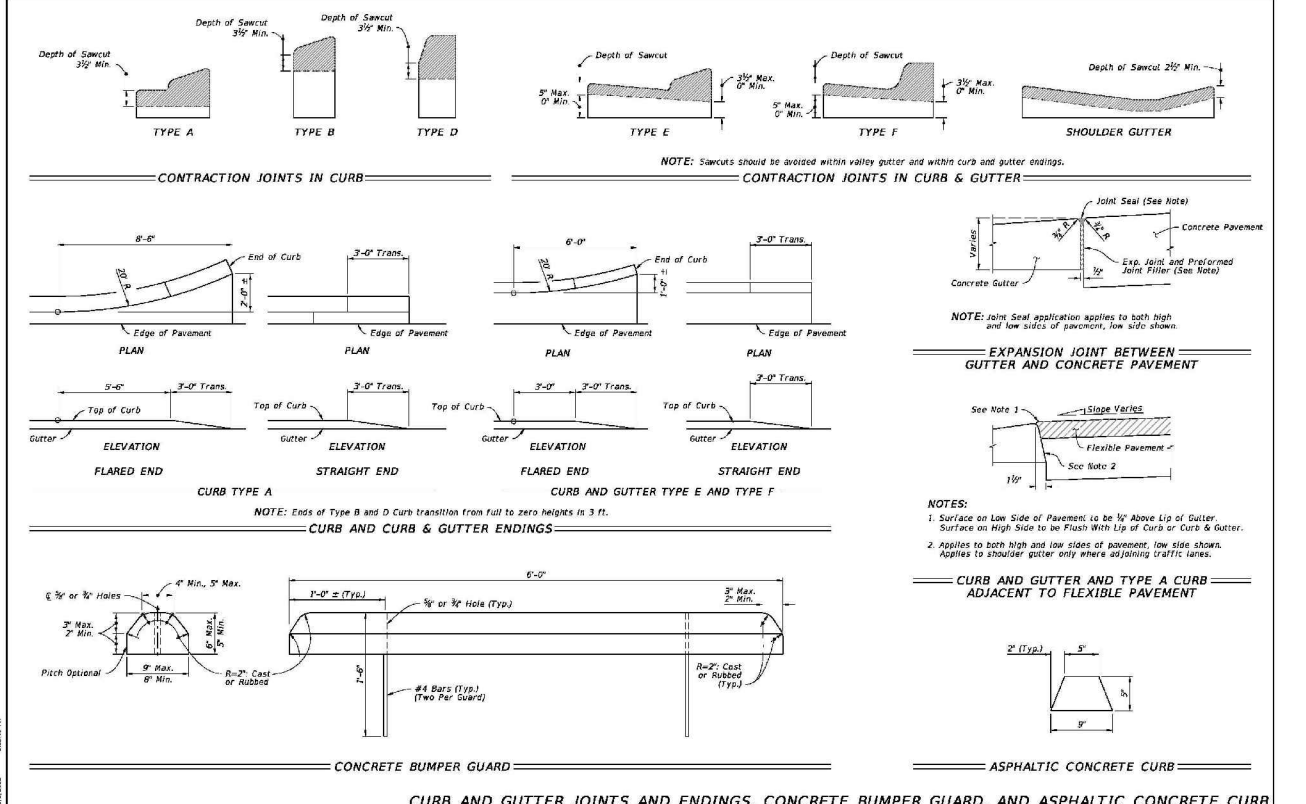
TYPE C - DIMENSIONAL, REINFORCING, AND STEEL GRATE DETAILS
 DITCH BOTTOM INLET TYPES C, D, E, AND H
 INDEX SHEET 425-052 2 of 14



CAST IRON GRATE DETAILS
 DITCH BOTTOM INLET TYPES C, D, E, AND H
 INDEX SHEET 425-052 7 of 14



CURB AND GUTTER
 CONCRETE CURB AND GUTTER
 INDEX SHEET 520-001 2 of 3



CURB AND GUTTER JOINTS AND ENDINGS, CONCRETE BUMPER GUARD, AND ASPHALTIC CONCRETE CURB
 CONCRETE BUMPER GUARD AND ASPHALTIC CONCRETE CURB
 INDEX SHEET 520-001 3 of 3

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 757 Beal Parkway
 Fort Walton Beach, FL 32447
 Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES INC.
 engineering • environment • construction
 1055 KATHLEEN ROAD, LANESLAND, FL 33805
 Phone: (863) 646-9130
 2151 W. HILLSBORO BOULEVARD, SUITE 401
 DEERFIELD BEACH, FL 33442
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 FL, CA, #485

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DAIMIAN D. LESLIE, P.E.
 FL. REG #73

6,622 SQ. FT.
 BUILDING

SITE DESIGNATIONS:
 CONVENIENCE STORE
 7822 NORTH DAVID STREET
 PENSACOLA, FLORIDA

SCALE: AS NOTED
 DATE: 05-04-2021
 DESIGNED BY:
 DRAWN BY: DDB/SLQ
 CHECKED BY: 18012CD1X17.DWG

DRAWING TITLE:
FDOT DRAWING AND CURB DETAILS

SHEET NO.:
C4.0

FOR INFORMATIONAL PURPOSES. REFER TO THE INDICES FOR ALL THE ADDITIONAL DETAILS AND NOTES



Know what's below.
 Call before you dig.

ISSUED FOR BID 03/08/2024

NOTES:

- The size of diamond shaped Temporary Traffic Control (TTC) warning signs shall be a minimum of 48" x 48".
- Fluorescent orange shall be used for all orange colored work zone signs.
- The sign shields, symbols and messages contained on this sheet are provided for ready reference to those signs used in the development of the 102 Series of Indexes and are commonly used in the development of traffic control plans. For additional signs and sign sheet information refer to the STANDARD HIGHWAY SIGNS MANUAL as specified in the MUTCD. Special signs for traffic control plans will be as approved by the State Traffic Plans Engineer. The sign codes shown on this sheet are for the purpose of identifying cell names found in the Traffic Control Cell Library (TC2.Cell). The STANDARD HIGHWAY SIGNS MANUAL should be referenced for the official sign codes for use in the development of traffic control plans. See Index 700-102 for NOT sign details.

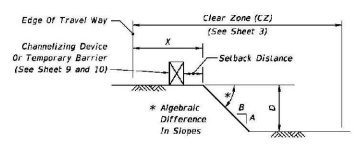
COLOR CODES:
Legend and/or Symbol Background
R-Red (Reflectorized)
Y-Yellow (Reflectorized)
G-Green (Reflectorized)
O-Orange (Reflectorized)
B-Black (Non-Reflectorized)
W-White (Reflectorized)

COMMONLY USED WARNING AND REGULATORY SIGNS IN WORK ZONES

LAST REVISION: 11/01/20
DESCRIPTION: FY 2023-24 STANDARD PLANS
INDEX: 102-600
SHEET: 6 of 11

DROP-OFF CONDITION NOTES

- These conditions and treatments can be applied only in work areas that fall within a properly signed work zone.
- When drop-offs occur within the clear zone due to construction or maintenance activities, protection devices are required (See Table B). A drop-off is defined as a drop in elevation, parallel to the adjacent travel lanes, greater than 3" with slope (A/B) steeper than 1:4. In superelevated sections, the algebraic difference in slopes should not exceed 0.25 (See Drop-off Condition Detail).
- Drop-offs may be mitigated by placement of slopes with optional base material per Specifications Section 285. Slopes steeper than 1:4 may be required to avoid algebraic difference in slopes greater than 0.25. Include the cost for the placement and removal of the material in Maintenance of Traffic, LS. Use of this treatment in lieu of a temporary barrier is not eligible for CSP consideration. Conduct daily inspections for deficiencies related to erosion, excessive slopes, rutting or other adverse conditions. Repair any deficiencies immediately.
- For Setback Distance, refer to the Index or Approved Products List (APL) drawing of the selected barrier.
- For Conditions 1 and 3 provided in Table B, any drop-off condition that is treated and restored within the same work period will not be subject to use of temporary barriers; however, channelizing devices will be required.
- When permanent curb heights are $\geq 6"$, no channelizing device will be required. For curb heights $< 6"$, see Table B.

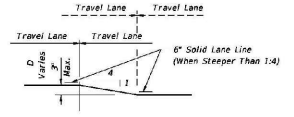


DROP-OFF CONDITION DETAIL

Condition	X (ft)	D (in)	Device Required
1	0-12	> 3	Temporary Barrier
2	> 12-CZ	> 3 to 4.5	Channelizing Device
3	0-CZ	> 5	Temporary Barrier
4	Removal of Bridge or Retaining Wall Barrier		Temporary Barrier
5	Removal of portions of Bridge Deck		Temporary Barrier

TRAVEL LANE TREATMENT FOR MILLING OR RESURFACING NOTES

- This treatment applies to resurfacing or milling operations between adjacent travel lanes.
- Whenever there is a difference in elevation between adjacent travel lanes, the W8-11 sign with "UNEVEN LANS" is required at intervals of 1/2 mile maximum.
- If D is 1 1/2' or less, no treatment is required.
- Treatment allowed only when D is 3' or less.
- If the slope is steeper than 1:4 (not to be steeper than 1:1), the R4-1 and M07-1-06 signs shall be used as a supplement to the W8-11; this condition should never exceed 3 miles in length.

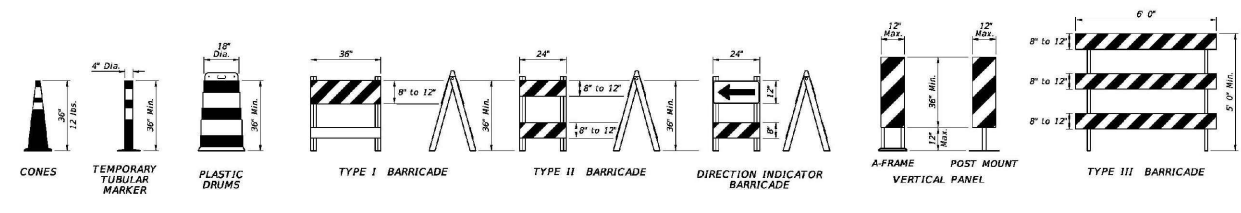


TRAVEL LANE TREATMENT FOR MILLING OR RESURFACING DETAIL

PEDESTRIAN WAY DROP-OFF CONDITION NOTES

- A pedestrian way drop-off is defined as:
 - a drop in elevation greater than 12" that is closer than 2' from the edge of the pedestrian way
 - a slope steeper than 1:2 that begins closer than 2' from the edge of the pedestrian way when the total drop-off is greater than 60"
- Protect any drop-off adjacent to a pedestrian way with pedestrian longitudinal channelizing devices, temporary barrier wall, or approved haardrail.

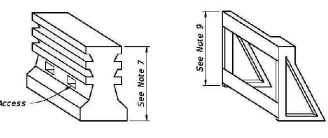
DROP-OFFS IN WORK ZONES



CHANNELIZING DEVICES

CHANNELIZING DEVICE NOTES:

- The details shown on this sheet are for the following purposes:
 - For ease of identification and
 - To provide information that supplements or supersedes that provided by the MUTCD.
- The Type III Barricade shall have a unit length of 6'-0" only. When barricades of greater lengths are required those lengths shall be in multiples of the 6'-0" unit.
- No sign panel should be mounted on any channelizing device unless the channelizing device/sign combination was found to be crashworthy and the sign panel is mounted in accordance with the vendor drawing for the channelizing device shown on the Approved Products List (APL).
- Ballast shall not be placed on top rails or any striped rails or higher than 13" above the driving surface.
- The direction indicator barricade may be used in tapers and transitions where specific directional guidance to drivers is necessary. If used, direction indicator barricades shall be used in series to direct the driver through the transition and into the intended travel lane.
- The splicing of sheeting is not permitted on channelizing devices or NOT signs.
- For rails less than 3'-0" long, 4" stripes shall be used.
- Cones shall:
 - Be used only in active work zones where workers are present.
 - Be reflectorized as per the MUTCD with Department-approved reflective collars when used at night.
- For pedestrian longitudinal channelizing devices, the device shall have a minimum of 8" continuous acceptable edging above the walkway. A gap not exceeding a height of 2" is allowed to facilitate drainage. The top surface of the device shall be a minimum height of 32" and have a 1/8" or less difference in any plane at all connection points between the devices to facilitate hand trailing. The bottom and the top surface of the device shall be in the same vertical plane. If pedestrian drop-off protection is required, the device shall have a footpath or offset of at least 2', otherwise the device must be at least 42" in height above the walkway and be anchored or ballasted to withstand a 200 lb lateral point load at the top of the device.



PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES

TEMPORARY BARRIER NOTES:

- Where a barrier is specified, any of the types below may be used in accordance with the applicable Index:

Index	Description
100-100	Temporary Barrier
102-120	Low Profile Barrier
536-001	Guardrail
- Trailer Mounted Barriers may be used to provide positive protection for workers within the work areas. APL drawings may be used as a guide to develop project specific Temporary Traffic Control Plans that are signed and sealed by the Contractor's Engineer.

LAST REVISION: 11/01/20
DESCRIPTION: FY 2023-24 STANDARD PLANS
GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES
INDEX: 102-600
SHEET: 10 of 11

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
757 Beal Parkway NW
Fort Walton Beach, FL 32447
Phone No. 775-811-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environment • construction

1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33805
Phone: (853) 546-9133
2151 W. HILLSBORO BOULEVARD, SUITE 101
DEERFIELD BEACH, FLORIDA 33442
Phone: (954) 426-0776
TBS: 2000000000
FL, CA, 84850

NO.	DATE	REVISION	COMMENTS
1	11/29/23	REV PER FOOT COMMENTS	

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DAIMIAN D. LESLIE, P.E.
FL REG #73

6,622 SQ. FT. BUILDING

SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DAVENPORT BLVD
PENSACOLA, FLORIDA

SCALE:	AS NOTED	MDM
DATE:	05-04-2021	
DESIGNED BY:		
DRAWN BY:	DDB/SLO	FILE NO.
CHECKED BY:		18012CD11X17.DWG
DRAWING TITLE:	FDOT MAINTENANCE OF TRAFFIC DETAILS	
SHEET NO.:	C4.1	



Know what's below.
Call before you dig.

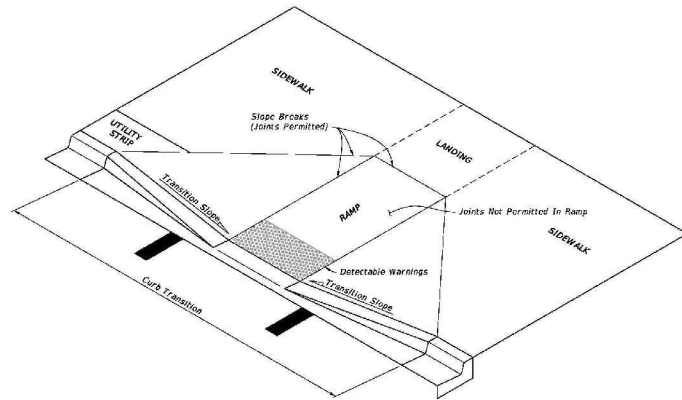
FOR INFORMATIONAL PURPOSES. REFER TO THE INDICES FOR ALL THE ADDITIONAL DETAILS AND NOTES

C4.1

ISSUED FOR BID 03/08/2024

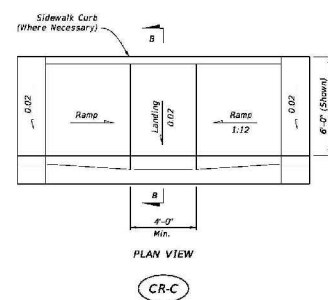
GENERAL NOTES:

- Cross Slopes and Grades:**
 - Sidewalk, ramp, and landing slopes (i.e. 0.02, 0.05, and 1:12) shown in this Index are maximums. With approval of the Engineer, provide the minimum feasible slope where the requirements cannot be met.
 - Landings must have cross-slopes less than or equal to 0.02 in any direction.
 - Maintain a single longitudinal slope along each side of the curb ramp. Ramp slopes are not required to exceed 15 feet in length.
 - Joints permitted at the location of Slope Breaks. Otherwise locate joints in accordance with Index 522-001. No joints are permitted within the ramp portion of the curb ramp.
- Curb, Curb and Gutter, and/or Sidewalk:**
 - Refer to Index 522-001 for concrete thickness and sidewalk details.
 - Remove any existing curb, curb and gutter, or sidewalk to the nearest joint beyond the curb transition or to the extent that no remaining section is less than 5 feet long.
 - Width of Curb Ramp is 4'-0" minimum. Match sidewalk or Shared Use Path width as shown in the Plans.
- Curb Ramp Alpha-Identification:**
 - Sidewalk curb ramp alpha-identifications (e.g. CR-A) are provided for reference purposes in the Plans.
 - Alpha-identifications CR-1 and CR-2 are intentionally omitted.
- Detectable Warnings:**
 - Install detectable warnings in accordance with Specification 527.
 - Place detectable warnings across the full width of the ramp or landing, to a minimum depth of 2 feet measured perpendicular to the curb line and no greater than 5 feet from the back of the curb or edge of pavement.
 - If detectable warnings are shown in the Plans on slopes greater than 5%, align the truncated domes with the centerline of the ramp; otherwise, the truncated domes are not required to be aligned.

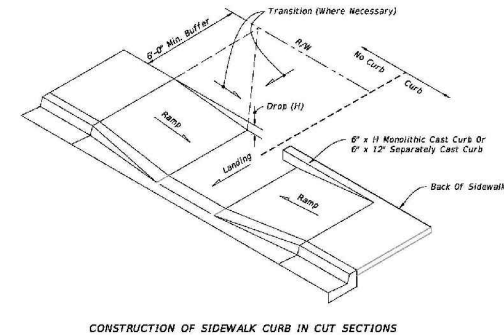


CURB RAMP NOMENCLATURE

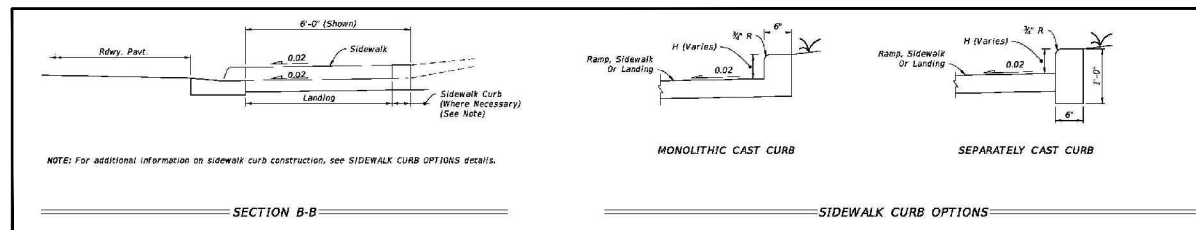
LAST REVISION 11/01/21	DESCRIPTION:	FY 2023-24 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 1 of 7
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PLAN VIEW
CR-C



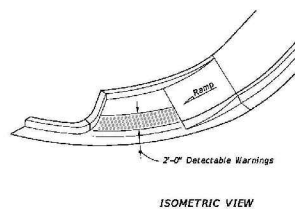
CONSTRUCTION OF SIDEWALK CURB IN CUT SECTIONS



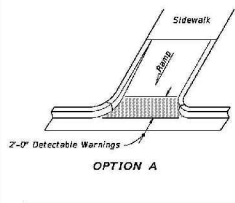
NOTE: For additional information on sidewalk curb construction, see SIDEWALK CURB OPTIONS detail.

SIDEWALK CURB RAMPS CR-C AND SIDEWALK CURB

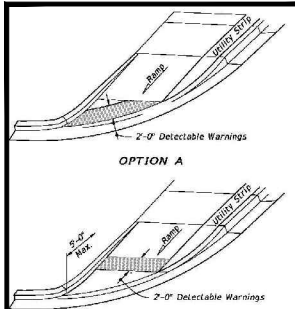
LAST REVISION 11/01/20	DESCRIPTION:	FY 2023-24 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 3 of 7
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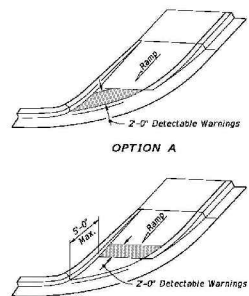
ISOMETRIC VIEW
CR-D



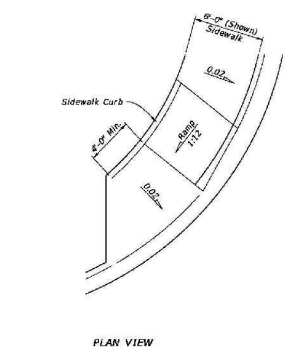
OPTION A
CR-E



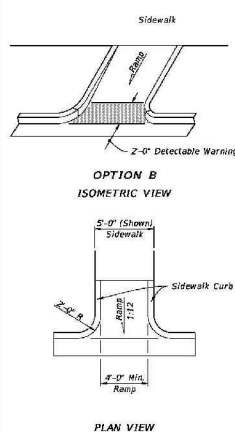
OPTION B
CR-F



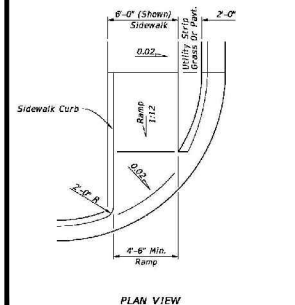
OPTION B
CR-G



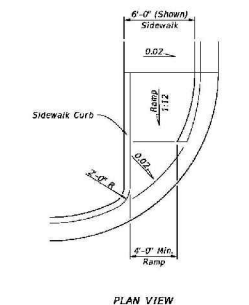
PLAN VIEW
CR-D



PLAN VIEW
CR-E



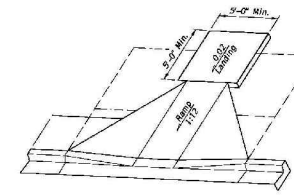
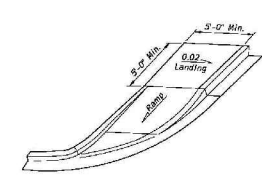
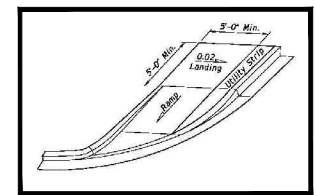
PLAN VIEW
CR-F



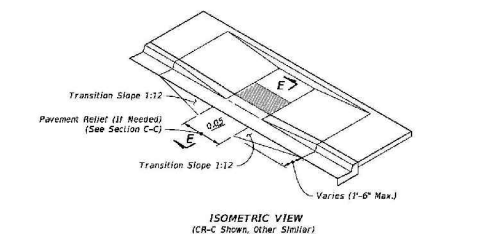
PLAN VIEW
CR-G

SIDEWALK CURB RAMPS CR-D, CR-E, CR-F & CR-G

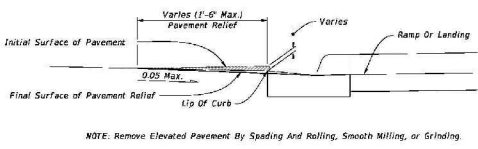
LAST REVISION 11/01/21	DESCRIPTION:	FY 2023-24 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 4 of 7
---------------------------	--------------	------------------------------	---------------------------------------------	------------------	-----------------



LANDINGS FOR CURB RAMPS WITHOUT SIDEWALKS
(See CR-F, CR-G & CR-X Respectively For Detectable Warning Details/Options)

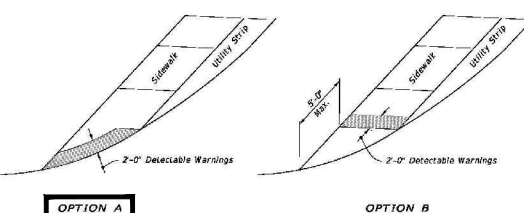


ISOMETRIC VIEW
CR-C (Shown, Other Similar)

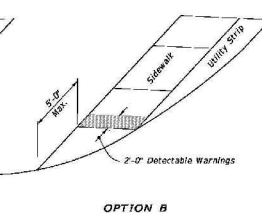


SECTION E-E
PAVEMENT RELIEF DETAILS

NOTE: Remove Elevated Pavement By Spading And Rolling, Smooth Milling, or Grinding.



OPTION A



OPTION B

CURB RAMPS WITHOUT SIDEWALKS AND FLUSH SHOULDER SIDEWALKS

LAST REVISION 11/01/20	DESCRIPTION:	FY 2023-24 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 6 of 7
---------------------------	--------------	------------------------------	---------------------------------------------	------------------	-----------------

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
757 Beal Parkway NW
Fort Walton Beach, FL 32447
Phone No. 775-818-1271

DESIGN TEAM TITLE:
MDM SERVICES INC.
engineering • environment • construction
1055 KATHLEEN ROAD, LAKELAND, FL 33805
Phone: (863) 646-8130
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DEERFIELD BEACH, FL 33442
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FL REG #73

6,622 SQ. FT.
BUILDING

SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DAVIDSON BLVD.
PENSACOLA, FLORIDA

SCALE: AS NOTED
DATE: 05-04-2021
DESIGNED BY:
DRAWN BY: DDB/SLQ
CHECKED BY: 18012CD11X17.DWG

DRAWING TITLE:
FDOT CURB RAMP DETAIL

SHEET NO.:
C4.2



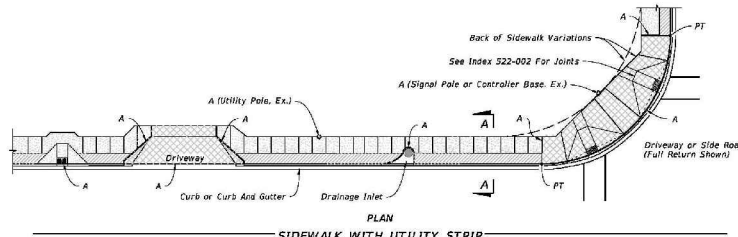
Know what's below.
Call before you dig.

FOR INFORMATIONAL PURPOSES. REFER TO THE INDICES FOR ALL THE ADDITIONAL DETAILS AND NOTES

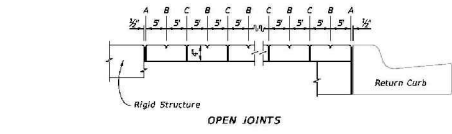
ISSUED FOR BID 03/08/2024

GENERAL NOTES:

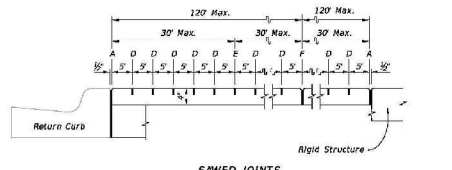
- Construct sidewalks in accordance with Specification 522. Use 6" concrete for sidewalks and curb ramps located within curb returns (See Plan View). Install all other concrete with thickness as shown, unless otherwise detailed in the Plans.
- Include detectable warnings on sidewalk curb ramps in accordance with Index 522-002.
- For Driveways see Index 522-003.
- Bond breaker material can be any impermeable coated or sheet membrane or preformed material having a thickness of not less than 6 mils and not more than 1/2".
- Construct sidewalks with Edge Beam through the limits of any surface mounted Pedestrian/Bicycle Railing or Pipe Gulch/rail shown in the plans. (See RAILING DETAIL)



SIDEWALK WITH UTILITY STRIP



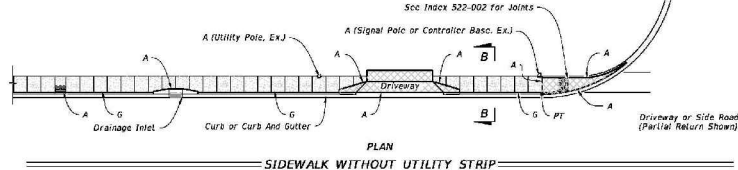
OPEN JOINTS



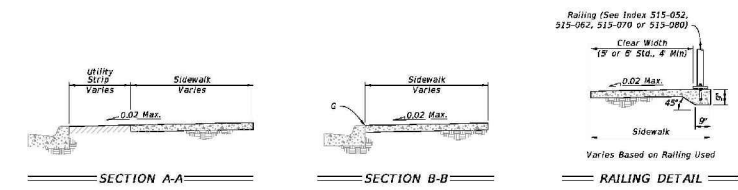
SAWED JOINTS

LONGITUDINAL SECTION

- LEGEND:**
- 4" Thick Sidewalk
 - 6" Thick Sidewalk
 - Utility Strip



SIDEWALK WITHOUT UTILITY STRIP



SECTION A-A

SECTION B-B

RAILING DETAIL

GENERAL NOTES AND CONCRETE SIDEWALK ON CURBED ROADWAYS

LAST REVISION	DESCRIPTION
11/01/18	

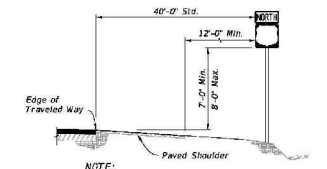
FY 2023-24
STANDARD PLANS

CONCRETE SIDEWALK

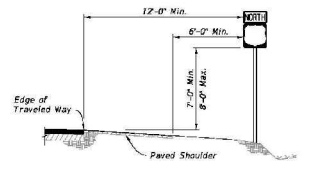
INDEX	SHEET
522-001	1 of 2

GENERAL NOTES:

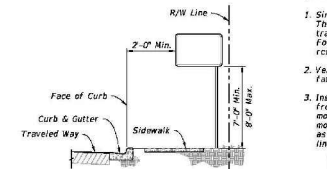
- Single-Column Signs, Multi-Column Signs similar. These typical sections serve as a guide for locating the traffic signs required under various roadside conditions. For size and details of sign construction and footing, refer to the appropriate Index and Plans.
- Verify the length of sign supports in the field prior to fabrication.
- Install ground signs at an angle of 1 to 4 degrees away from the traffic flow (see illustration). Install shoulder mounted signs rotated counter-clockwise and median mounted signs rotated clockwise. Install signs on a curve as noted above from the perpendicular to the motorist line of sight.
- The setback for Stop and Yield signs may be reduced to 7' minimum from the edge of traveled way if required for visibility in business or residential sections with no curbs and speeds of 30 MPH or less.
- The mounting heights are measured from the bottom of the sign panel to a horizontal line extended from the edge of traveled way or from the ground surface at the back of curb. If the standard heights cannot be met, the minimum heights are as follows:
 Limited Access Roadways - 7'
 Arterial and Collector Roadways:
 5' - Rural
 7' - Urban (including residential with parking and/or pedestrian activity)
 Limited Access Roadways:
 If a secondary sign is mounted below the major sign, mount the major sign so that the bottom of the sign is at least 8' above the edge of the traveled way and the secondary sign at least 5' above the edge of the traveled way.
 Arterial and Collector Roadways:
 Rural, mount the secondary sign at least 5' above the edge of the traveled way.
 Urban, mount the secondary sign at least 7' above the edge of the traveled way.
- Do not install sign supports in the bottom of ditches.
- Install sign supports so they do not reduce the accessible width of sidewalks or shared use paths to less than 4' min. clear width.
- CASE X sign placement is for Interstate Exit Ramps only. Use CASE I through Case VIII as appropriate for all other wrong way signs.



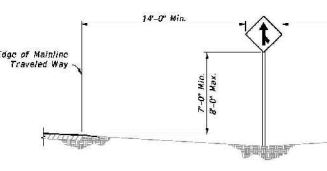
CASE I
Use on Limited Access Roadways



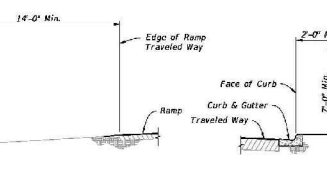
CASE II
Use on Arterial and Collector Roadways, and Limited Access Ramps



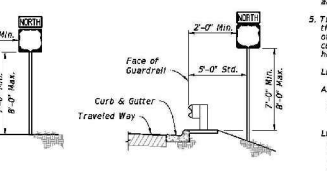
CASE III
Use on Arterial and Collector Roadways



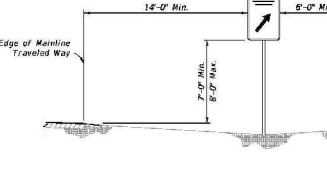
CASE IV
Use on Limited Access Roadways



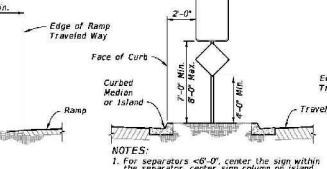
CASE V
Use in Business or Residential Areas Only



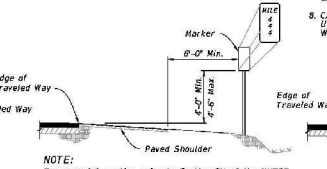
CASE VI
Use on Roadways With Signs Behind Guardrail



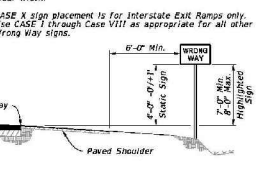
CASE VII
REST AREA AND EXIT GORE SIGNS
Use on Limited Access Roadways



CASE VIII
Use on Island or Curbed Median



CASE IX
MILE POST MARKER
Use on Limited Access Roadways



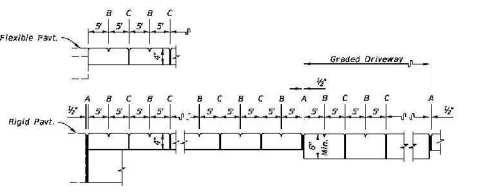
CASE X
WRONG WAY SIGNS
(See Note 8)

LAST REVISION	DESCRIPTION
11/01/21	

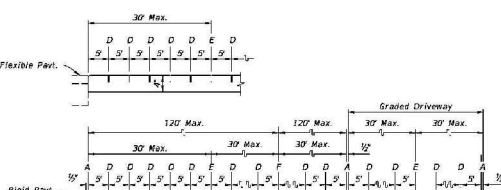
FY 2023-24
STANDARD PLANS

TYPICAL SECTIONS FOR PLACEMENT OF SINGLE AND MULTI-COLUMN SIGNS

INDEX	SHEET
700-101	1 of 1



OPEN JOINTS



SAWED JOINTS

LONGITUDINAL SECTION

- LEGEND:**
- A - 1/2" Expansion Joints (Preformed Joint Filler) between the sidewalk and driveways, sidewalk intersections, and all other fixed objects (e.g. drainage inlets and utility poles).
 - B - 1/2" Dummy Joints, Tooled
 - C - 1/2" Formed Open Joints
 - D - 1/2" Saw Cut Joints, 1 1/2" Deep (within 96 hours) Max. 5' Centers
 - E - 1/2" Saw Cut Joints, 1 1/2" Deep (within 12 hours) Max. 30' Centers (Joints) Required When Length Exceeds 30'
 - F - 1/2" Expansion Joint When Run of Sidewalk Exceeds 120'. Intermediate locations when called for in the plans or at locations as directed by the Engineer.

SIDEWALK JOINTS

LAST REVISION	DESCRIPTION
11/01/18	

FY 2023-24
STANDARD PLANS

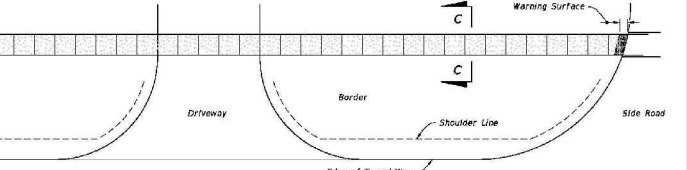
CONCRETE SIDEWALK

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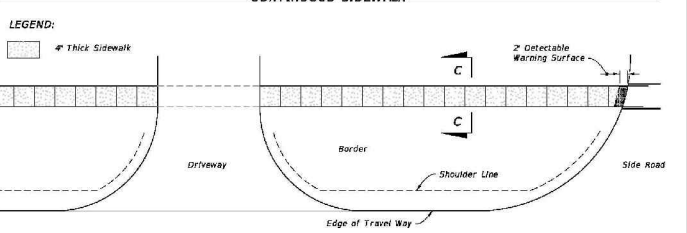
GENERAL NOTES:

- Work this Index with Specification 522.
- Refer to Index 520-001 for drop curb details and Index 522-001 for joints between driveway, sidewalks, and curb.
- Existing Curb and Gutter: Remove existing curb and gutter to either the nearest joint beyond the flared point or to where no remaining section is less than 3 feet long.
- Grades and cross slopes shown are maximums.
- Longitudinal Joints: Construct 1/2" open joints placed at equal (20' max.) intervals for driveways over 20' wide. Match joints in curb and gutter to match joints in driveways.
- Transverse Joints: Construct 1/2" open joints @ 10' Centers and 1/2" expansion joints with preformed joint filler every 5th joint.
- Construct driveways (6" thick concrete) to a uniform width (W) to the R/W line or the extent shown in the Plans.
- Width of Sidewalk Thru Driveway is 4'-0" minimum. Match sidewalk width when shown in Plans or when utility strip width is equal to or greater than the width of the Driveway Apron.
- Alpha-Numeric Identification: CERTIFICATE LITIGATION Alpha-Numeric Identifications (e.g. G4) are provided for reference purposes in the Plans.

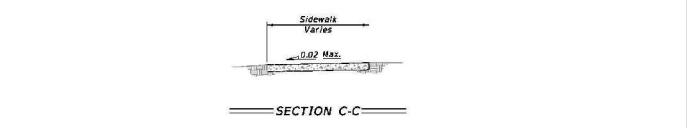
- LEGEND:**
- Sidewalk
 - Flared Driveway (6" Thick Concrete)
 - Sidewalk Thru Driveway (6" Thick Concrete)
 - Utility Strip
 - Ga. Grade of Apron
 - Gb. Grade of Driveway (Per Plans)



CONTINUOUS SIDEWALK



DISCONTINUOUS SIDEWALK



SECTION C-C

CONCRETE SIDEWALK ON FLUSH SHOULDER ROADWAYS

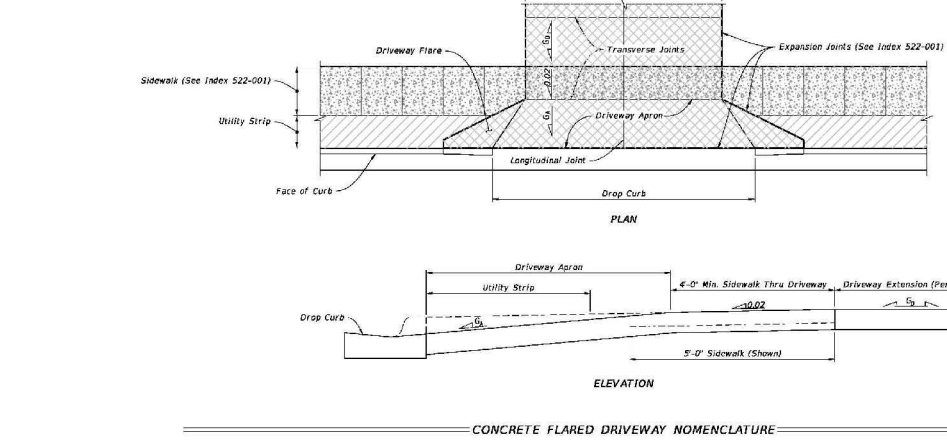
LAST REVISION	DESCRIPTION
11/01/18	

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STANDARD PLANS

CONCRETE SIDEWALK

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GENERAL NOTES:



CONCRETE FLARED DRIVEWAY NOMENCLATURE

LAST REVISION	DESCRIPTION
11/01/18	

FY 2023-24
STANDARD PLANS

CONCRETE FLARED DRIVEWAYS

INDEX	SHEET
522-003	1 of 4

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
757 Beal Parkway
Fort Walton Beach, FL 32447
Phone No. 775-818-1271

DESIGN TEAM TITLE:
MDM SERVICES INC.
engineering • environment • construction
1055 KATHLEEN ROAD, LAKELAND, FL 33805
Phone: (863) 646-9130
2151 W. HILLSBORO BOULEVARD, SUITE 401
DEERFIELD BEACH, FL 33442
Phone: (954) 421-0776
FL, CA, #485

NO.	DATE	REVISION

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DAIMIAN D. LESLIE, P.E.
FL REG #73

6,622 SQ. FT. BUILDING

SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DA...
PENSACOLA, FLORIDA

SCALE: AS NOTED	MDM
DATE: 05-04-2021	
DESIGNED BY:	
DRAWN BY: DDB/SLO	FILE NO.
CHECKED BY:	18012CD11X1, DWG

FDOT SIDEWALK SIGN PLACEMENT DETAILS
SHEET NO.

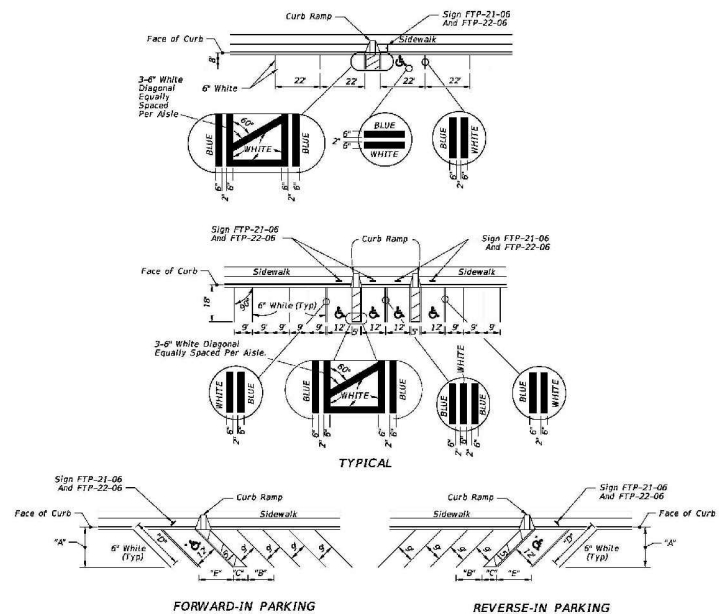
C4.3



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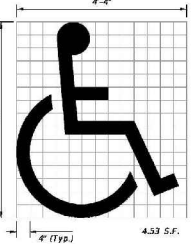
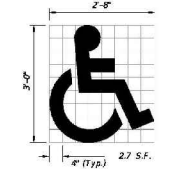
FOR INFORMATIONAL PURPOSES. REFER TO THE INDICES FOR ALL THE ADDITIONAL DETAILS AND NOTES

ISSUED FOR BID 03/08/2024



*FOR ACCESSIBLE MARKINGS - SEE ABOVE

DIMENSIONS	
4.5	7.5
4.5	12'-0"
12'-0"	12'-0"
7'-0"	24'-0"
17'-0"	17'-0"

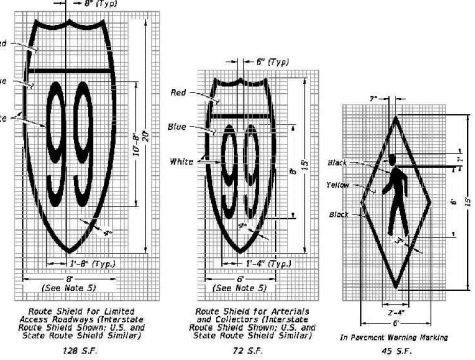
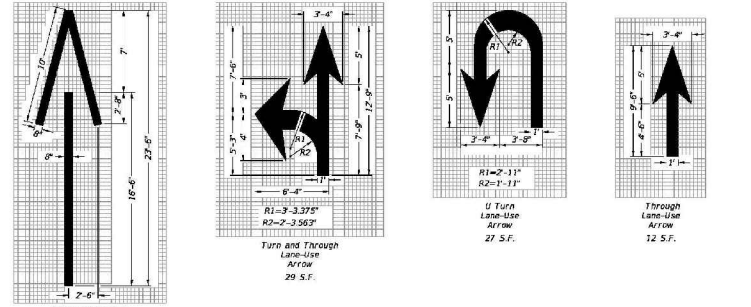
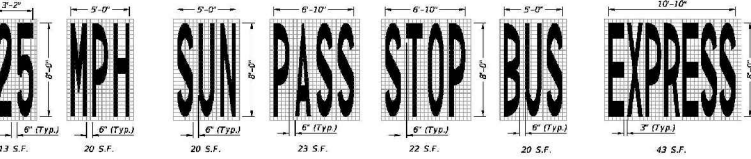
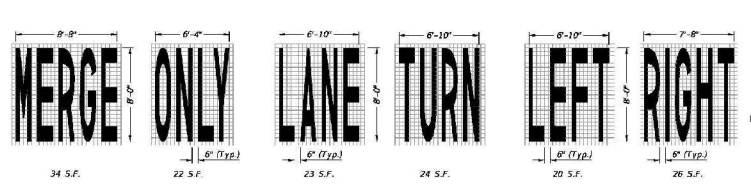


UNIVERSAL SYMBOL OF ACCESSIBILITY

- NOTES:
1. Dimensions are to the centerline of markings.
 2. An Access Aisle is required for each accessible space when angle parking is used.
 3. Criteria for pavement markings only, not public stopway curb ramp locations. For ramp locations refer to plans.
 4. Mount FTP-22-06 sign below the FTP-21-06 sign.
 5. Use of the pavement symbol in accessible parking spaces is optional. When pavement symbol is used, the symbol is either 3'-0" or 5'-0" high and white in color.

PAVEMENT MARKING FOR PARKING

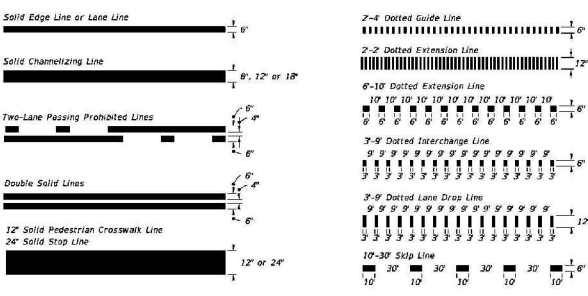
LAST REVISION	DESCRIPTION:	FY 2023-24	INDEX	SHEET
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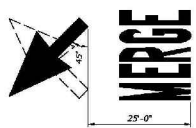
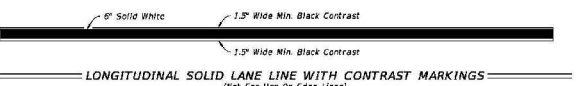
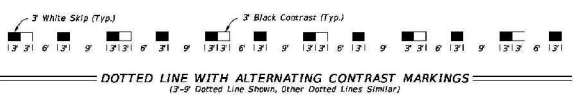
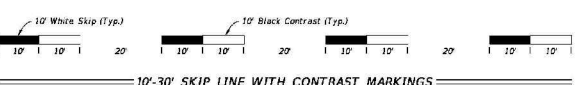
- PAVEMENT MESSAGES NOTES:
1. Place all pavement messages 2' back from the stop line.
 2. Dimensions are within 1".
 3. All grids are 4" x 4".
 4. All pavement messages must be white except Route Shields and In-Parade Lane Symbols.
 5. Increase width of route shield for routes with three digits.

PAVEMENT MESSAGE AND ARROW DETAILS

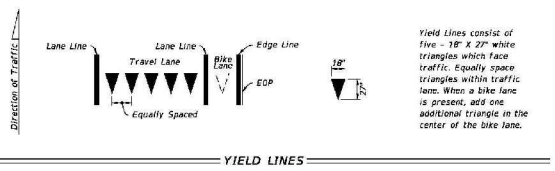
LAST REVISION	DESCRIPTION:	FY 2023-24	INDEX	SHEET
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PAVEMENT MARKING LINES



MARKINGS FOR MERGE



Yield Lines consist of five - 18" x 24" white triangles which face traffic. Equally space triangles within traffic lane. When a bike lane is present, add one additional triangle in the center of the bike lane.

LAST REVISION	DESCRIPTION:	FY 2023-24	INDEX	SHEET
11/01/22		STANDARD PLANS	711-001	2 of 13



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FOR INFORMATIONAL PURPOSES. REFER TO THE INDICES FOR ALL THE ADDITIONAL DETAILS AND NOTES

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
757 Beal Parkway
Fort Walton Beach, FL 32447
Phone No. 775-818-1271

DESIGN TEAM TITLE:
MDM SERVICES INC.
engineering • environment • construction
1055 KATHLEEN ROAD, LAKELAND, FL 33805
Phone: (863) 646-9130
2151 W. HILLSBORO BOULEVARD, SUITE 401
DEERFIELD BEACH, FL 33442
Phone: (954) 421-0776
FL, CA, #4855

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FL REG #73

6,622 SQ. FT.
BUILDING

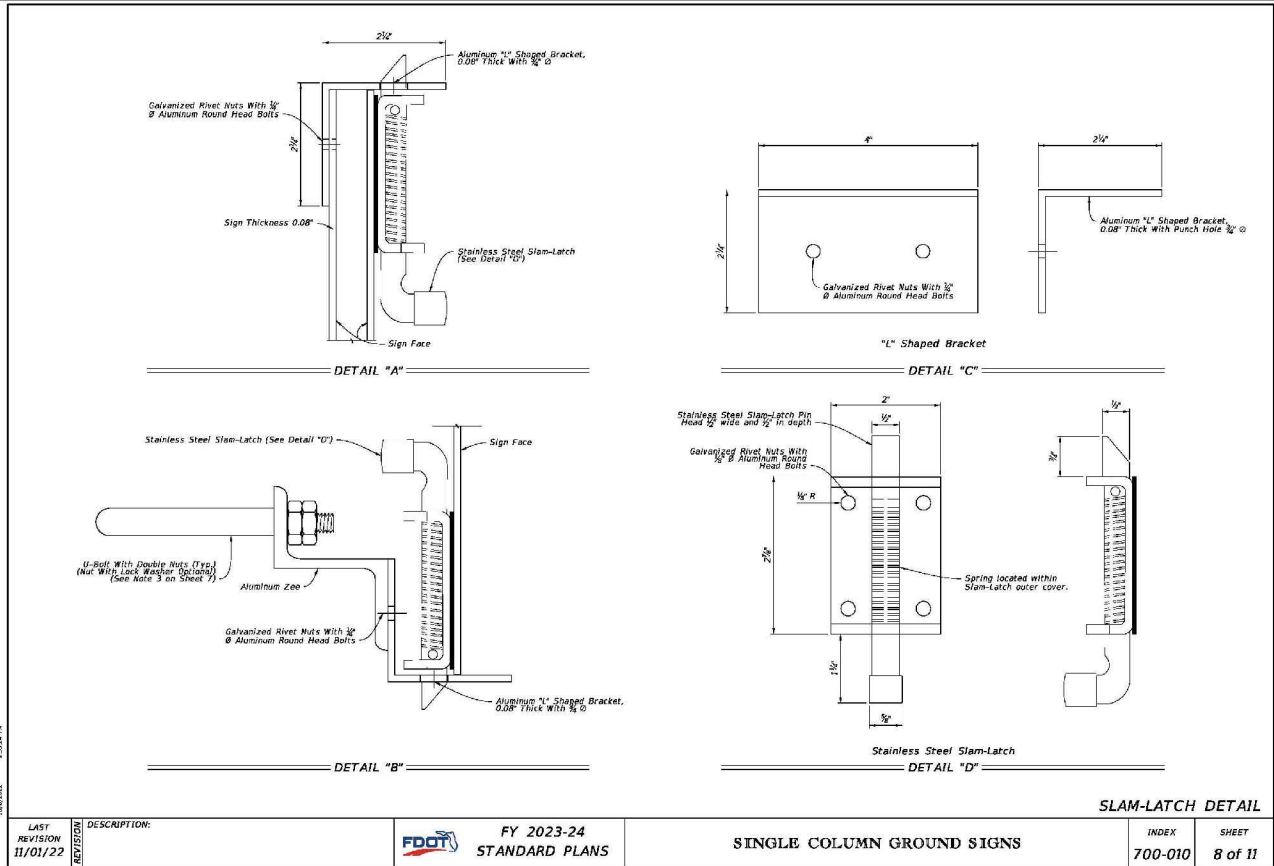
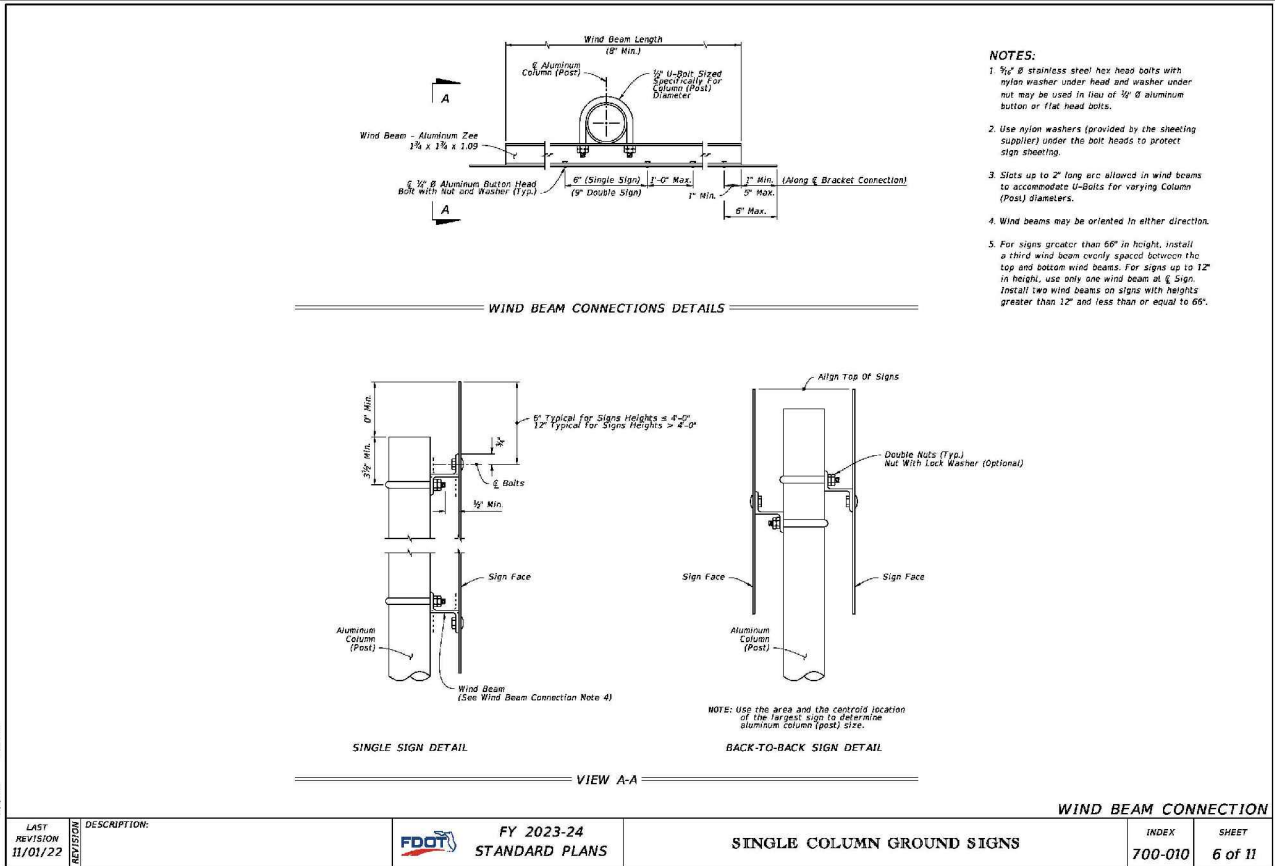
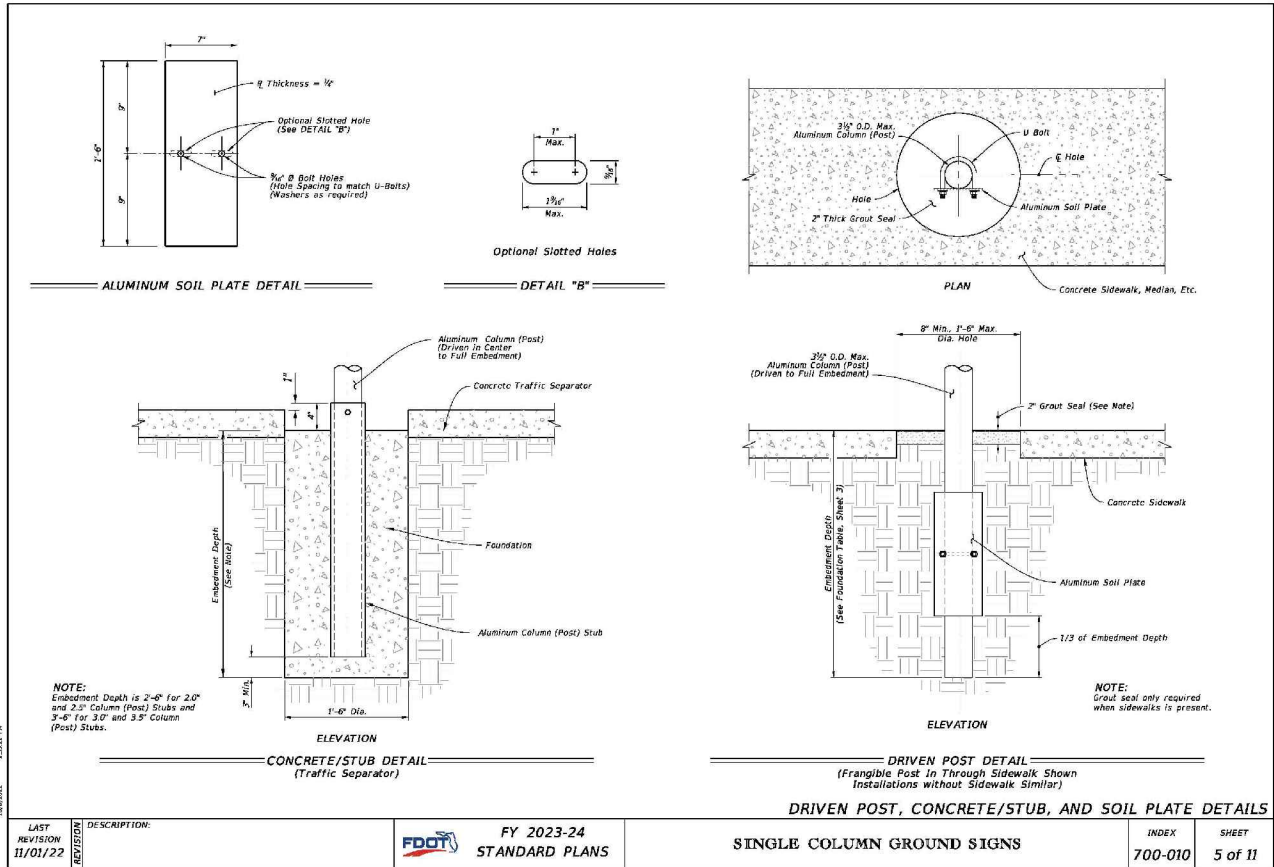
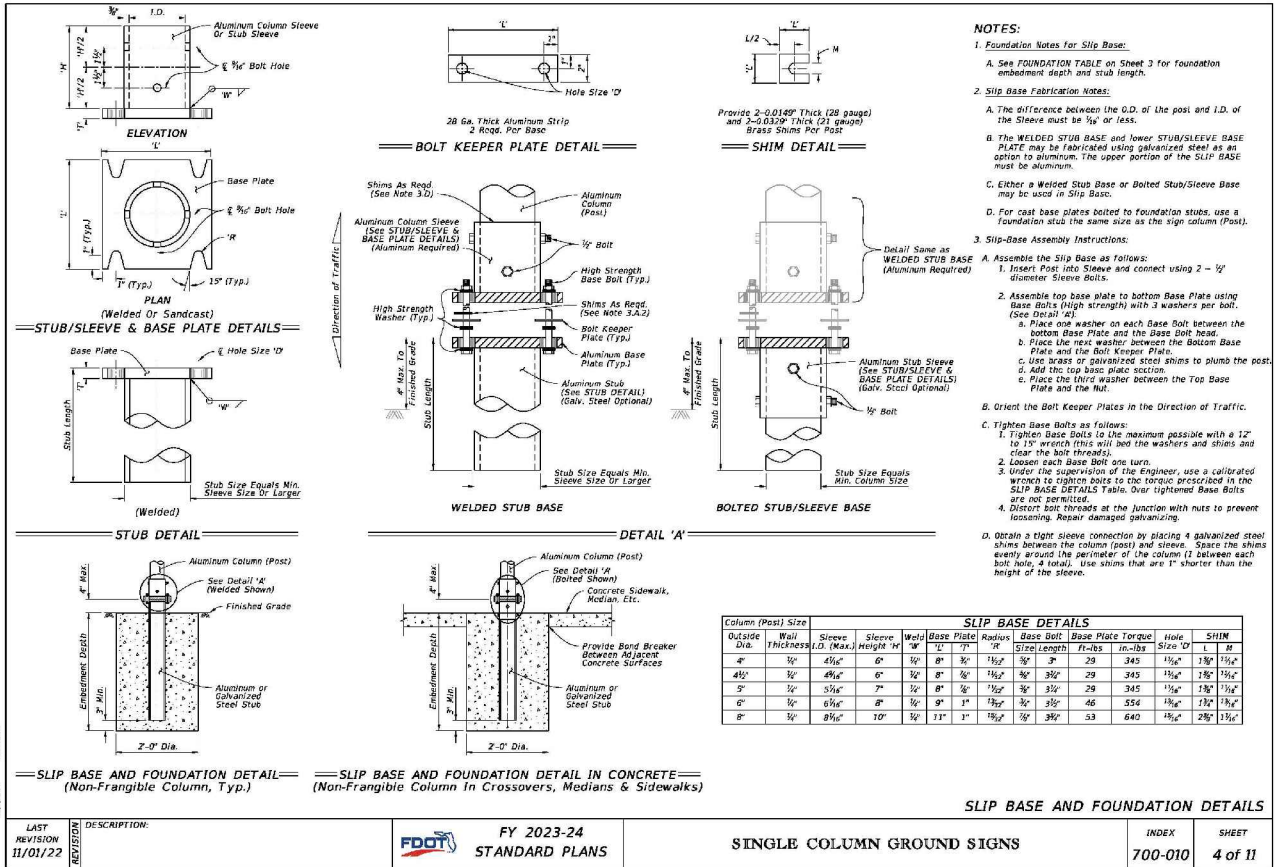
SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DAVIDSON
PENSACOLA, FLORIDA

SCALE: AS NOTED
DATE: 05-04-2021
DESIGNED BY:
DRAWN BY: DDB/SLO
CHECKED BY: 18012CD11X1, DWG
DRAWING TITLE:

FDOT PAVEMENT MARKING DETAILS

SHEET NO.: **C4.4**

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CLIENT:
ALT PENSACOLA INC.
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 757 Beal Parkway
 Fort Walton Beach, FL 32447
 Phone No. 775-818-1271

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 2151 W. HILLSBORO BOULEVARD, SUITE 401
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 FL REG #73

6,622 SQ. FT. BUILDING

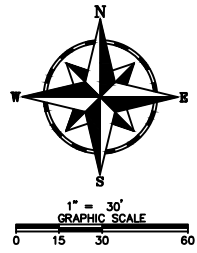
SITE DESIGNATIONS:
CONVENIENCE STORE
 7822 NORTH DAVID STREET
 PENSACOLA, FLORIDA

SCALE: AS NOTED
 DATE: 05-04-2021
 DESIGNED BY:
 DRAWN BY: DDB/SLO
 CHECKED BY: 18012CD11X1, DWG
 DRAWING TITLE:
FDOT SIGN DETAILS
 SHEET NO.: **C4.5**



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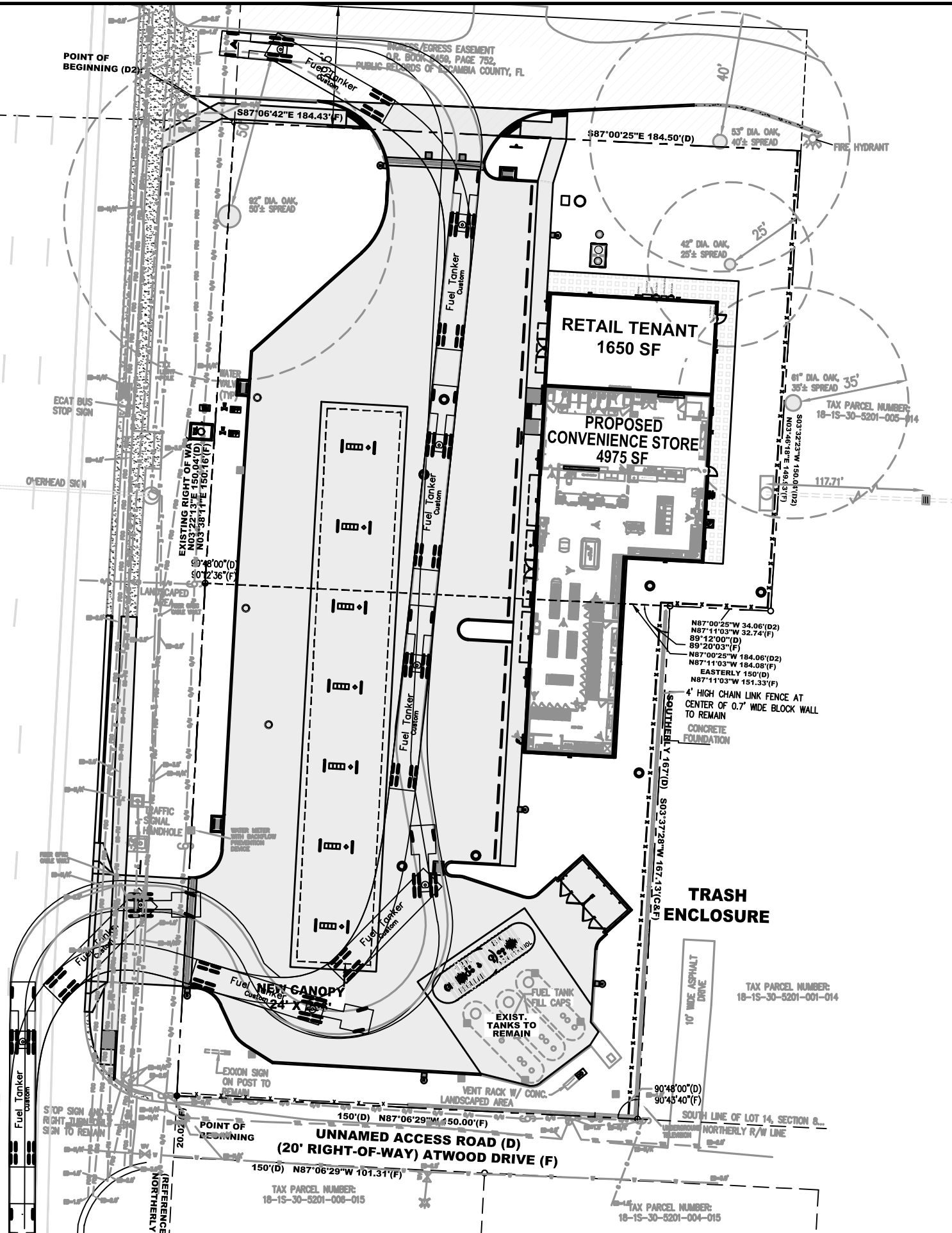
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LEGEND:

- NEW CONCRETE PAVEMENT
- NEW PERVIOUS CONCRETE PAVERS
- EXISTING CONCRETE PAVEMENT

DAVIS HIGHWAY, STATE ROAD #291
(FORMERLY FERRY PAS HIGHWAY)
(200' RIGHT-OF-WAY)



CLIENT:
ALT PENSACOLA INC.
Abu Mridha
757 Beal Parkway
Fort Walton Beach, FL 32447
Phone No. 775-811-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN ROAD, LAKELAND, FL 33805
Phone: (853) 546-9133
2151 W. HILLSBORO BOULEVARD, SUITE 101
DEERFIELD BEACH, FL 33442
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FL. CA. #4850

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FL. REG #73

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SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DAVIS HIGHWAY
PENSACOLA, FLORIDA

SCALE: AS NOTED
DATE: 05-04-2021
DESIGNED BY:
DRAWN BY: DDB/SLO
CHECKED BY: 18012CD11X17.DWG

DRAWING TITLE:
TRUCK WITH PLANT

SHEET NO.:
TR1.0

ISSUED FOR BID 03/08/2024



FDOT GENERAL NOTES

- 1. * All work inside FDOT Right of Way shall be referenced under these notes.
* These plans have been prepared in accordance with the most current version of the FDOT Florida Design Manual (FDM) and are governed by the most current version of the FDOT Standard Specifications for Road and Bridge Construction and the most current version of the Standard Plans for Road Construction.
* At the end of each day, the right of way (including all travel lanes) shall be restored for safe vehicular traffic. No drop-off conditions are allowed to remain. No materials, equipment, etc. shall be stored within the right of way while the work zone is inactive.
* It is the responsibility of the Permittee to determine and comply with all applicable county and municipal ordinances that are more stringent than the department's requirements.
* The permittee shall not during or after construction introduce any form of unpermitted storm water discharge into the department's right of way or easements.
* All work inside FDOT right of way shall be in accordance with the most current version of Standard Plans for Road Construction and Standard Specifications for Road and Bridge Construction.
* The permittee is responsible for resolving any utility conflicts before construction begins. All conflicting utilities must be adjusted at the permittee's expense. A separate utility permit must be obtained for any utility work within the Department's right of way.
* An on-site pre-construction meeting shall be held prior to any construction being performed in FDOT right-of-way. Please contact Milton Operations Center 850-981-3000 to coordinate the pre-construction meeting and all inspections.
* The permittee or contractor is required to contact Milton Operations Center 850-981-3000, at least 48 hours prior to working within the FDOT's right of way.
* The permittee shall be responsible for providing final certification from a professional engineer that all construction within FDOT right-of-way has been constructed according to the most current version of Standard Plans for Construction and Specifications. Record drawing reports, engineer's certification, delivery tickets of all materials used inside FDOT right of way and any testing results will be required for the final acceptance of this permit.
* The contractor must provide proof of coverage under a liability insurance policy in accordance with Florida Administrative Code 14-96.007(5) prior to the commencement of construction within the department's right of way. The Permit Number and permit name shall be shown on the certificate of liability insurance policy.
* All maintenance of traffic within FDOT right of way must conform to the most current version of Standard Plans for Road Construction.
* The FDOT is not responsible for design and/or plan errors. All construction in FDOT right of way shall be in accordance with FDOT standards and specifications.
* The applicant will provide documentation by a Professional Engineer registered in the State of Florida that construction was accomplished in accordance with the requirements set out in the permit. This documentation shall include a statement that necessary inspections, tests, and physical measurements have been made, that construction was accomplished in accordance with the design information included with the connection permit in accordance with Rule Chapter 14-96, F.A.C., and that all materials entering into the work conform to the specifications in the connection permit, conform to the applicable specifications contained in the Standard Specifications for Road and Bridge Construction or otherwise conform to or meet generally accepted professional practices. The Record Drawings Report by Permittee's Professional Engineer, Form 850-040-19, shall be used for this purpose.

Hurricane Note:

All lanes must be opened to traffic within 12 hours after receiving notification of a hurricane evacuation or any other catastrophic event and shall remain open for the duration of the evacuation or event as directed by the Permits Manager.

Pre-Construction Note:

Engineer must schedule and have an on-site Pre- Construction Meeting (with representatives from the Engineering Firm, FDOT, Testing Laboratory, Contractor, and any other interested party present).

QC Plan Note (for turn lanes and widening projects only):

Contractor must submit a Quality Control (QC) Plan at the Pre- Construction Meeting. This QC Plan must be approved by FDOT before the contractor begins work. Testing must be done by a FDOT certified laboratory. All test results will be required to be submitted with the Engineer's Certification.

Sod Note:

Sod areas within 32" of pavement & slopes greater than 1:3. Other disturbed areas may be repaired by seeding or hydro-seeding. See Standard Plans Index 570-010 and section 570 of the Standard Specifications for Road & Bridge Construction."

Striping Note:

All striping within FDOT right of way shall be thermoplastic and adhere to Standard Plans Index 711-001 and Section 711 of the Standard Specifications for Road & Bridge Construction.

Lane and Shoulder Closures:

All Lane and Shoulder Closures must be requested and approved a minimum of 48 hours prior to work starting. Allow up to 2 weeks for approval process.

Ditch Flowline:

It is the contractor's responsibility to place side drain pipes at proper elevations needed to match the flowline of the drainage ditch (not sediment buildup) to ensure positive stormwater flow.

DRAWING INDEX

CIVIL PLANS

- CV-S
SURVEY
SG-1.0
AR-1.0
C-1.0
C-1.1
C-2.0
C-2.1
C-2.2
C-2.3
C-2.4
C-4.0

- COVER SHEET
SURVEY - PAGE ONE
SIGNATURE SHEET
AERIAL SITE PLAN
OVERALL SITE PLAN
DEMOLITION & EROSION CONTROL PLAN
GRADING AND DRAINAGE PLAN
DRAINAGE DETAILS
DRAINAGE DETAILS
DRAINAGE DETAILS
DRAINAGE DETAILS
DRAINAGE DETAILS
FDOT DRAINAGE AND CURB DETAILS

PROJECT DESCRIPTION:

CONSTRUCT QUICK FOOD MART WITH NEW 6625 S.F. CONVENIENCE STORE, 24'- 0" x 206'- 0" FUEL ISLAND CANOPY, SEVEN MULTI-PRODUCT FUEL DISPENSERS & ASSOCIATED SITE IMPROVEMENTS
QUICK FOOD MART
7822 NORTH DAVIS HIGHWAY, PENSACOLA, ESCAMBIA COUNTY, FLORIDA
ROADWAY ID NO. 48070000 (MP 6.482)

DEVELOPMENT CONTACTS

ESCAMBIA COUNTY PLANNING & ZONING
CALEB MACCARTEE
PLANNER
3363 WEST PARK PLACE
PENSACOLA, FL. 32505
850-595-3473

EMERALD COAST UTILITY SEWER & WATER SERVICE
ANDRE CALAMINUS
9255 STURDEVANT STREET
PENSACOLA, FL. 32514
850-969-6643

ESCAMBIA COUNTY ROZA I SESTNOV
DRAINAGE DEPARTMENT
3363 WEST PARK PLACE
PENSACOLA, FL. 32505
850-595-3411

ESCAMBIA COUNTY JASON WALTERS
ACCESS MANAGEMENT
3363 WEST PARK PLACE
PENSACOLA, FL. 32505
850-595-3422

ESCAMBIA COUNTY TERRY WILLIAM
LANDSCAPE /SIGNAGE
3363 WEST PARK PLACE
PENSACOLA, FL. 32505
850-595-4572

FLORIDA DEPT. OF TRANS. PERMITS DIVISION
ROZA I SESTNOV
6025 OLD BAGDAD HWY
MILTON, FL. 32583
850-981-2701

TELEPHONE PROVIDER AT&T
MS. RAVEN
855-293-7676

ESCAMBIA COUNTY BUILDING DEPARTMENT
CALEB MACCARTEE
REVIEWER
3363 WEST PARK PLACE
PENSACOLA, FL. 32505
850-595-3473

ESCAMBIA COUNTY FIRE AND LINE SAFETY
BRIAN HATLER
PLANNER
3363 WEST PARK PLACE
PENSACOLA, FL. 32505
850-595-1815

NATURAL GAS PROVIDER: PENSACOLA ENERGY
JOHN SCANLON
1625 ATWOOD DRIVE
PENSACOLA, FL. 32514
850-473-6929 (OFFICE)
850-324-9752 (CELL)

ESCAMBIA COUNTY FL DEPT OF HEALTH
MONICA WILSON
REVIEWER
1300 W. GREGORY STREET
PENSACOLA, FL. 32502
monica.wilson@flhealth.gov

ESCAMBIA COUNTY FIRE ~ RESCUE
FIRE MARSHAL JOSEPH QUINN
6575 N W STREET
PENSACOLA, FL. 32505
850-595-1819

ELECTRIC PROVIDER: GULFPOWER
JUSTIN SCHNADELBACH
1800-225-5797 (OFFICE)

FLORIDA DEPT. OF ENVIROMENTAL PROT.
SARA MERITT
NORTHWEST DISTRICT, FDEP
160 W. GOVERNMENT STREET, SUITE 308
PENSACOLA, FL. 32502
850-595-0589

OWNER

ALT PENSACOLA INC.
Abu Mridha
4288 Soundside Dr.
Gulf Breeze, FL. 32563
Phone No. 775-848-1271

ENGINEER

MDM SERVICES, INC.
engineering • environmental • construction

1055 KATHLEEN ROAD,
LAKELAND, FLORIDA 33805
EF #932-464 (863) 646-9130

CONTACT: PROJECT MANAGER - JUAN LLUGDAR
Phone: (863) 646-9130 EXT. 114 (OFFICE)
(850) 553-1318 (MOBILE)

DAIMIAN D LESLIE, P.E.
FL. REG #73113

This item has been digitally signed and sealed by Daimian D. Leslie, PE, on date shown. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

GENERAL PROJECT NOTES

- A. All construction shall comply with applicable building codes and local restrictions. Contractors must comply with contractor registration requirements of all governing authorities.
B. Approved plans shall be kept in a plan box and shall not be used by workmen. All construction sets shall reflect same information. Contractor shall maintain one complete set of plans on the premises in good condition at all times. This shall include all addenda.
C. The contractor shall field verify all conditions and dimensions prior to starting any work and shall be responsible for all work and materials including those furnished by subcontractors and owner.
D. Discrepancies between portions of the contract documents, drawings and specifications are not intended. The contractor is to clarify any such discrepancies with the owner prior to commencing work.
E. Stated dimensions take precedence over graphics, do not scale drawings to determine locations. The owner shall be notified of any such discrepancies prior to continuing with work.
F. Contact owner for instructions prior to the continuation of work should any unusual conditions become apparent during grading or foundation construction. Existing elevations and locations to be jointed shall be verified by the contractor prior to construction. If they differ from those shown on the drawings, the contractor shall notify the owner so that modifications can be made before proceeding with the work.
G. It shall be the responsibility of the contractor to locate all existing utilities whether shown herein or not and to protect them from damage. The contractor shall bear the expense of repair or replacement of utilities or other property damaged by operations in conjunction with the execution of the work after so located.
H. For construction details not shown, use the manufacturer's approved shop drawings / data sheets in accordance with the project specifications
I. Fire extinguishers to be installed at heights designated by owner and in compliance with local fire code. Final fire extinguisher locations shall be approved by fire marshal.
J. G.C. to get application for "knock/access box" from the fire marshals office. Box is to be installed prior to final inspection.
K. G.C. to supply as-built survey of constructed site to Circle K & E.O.R. in PDF format and AutoCAD format before Certificate of Completion is issued.

DATES

01/02/24 REVISED PER FDOT COMMENTS

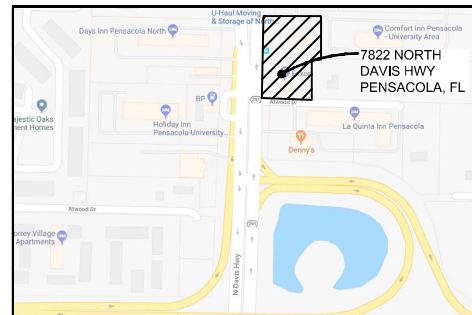
VERSION:

STORE NUMBER
TBD
MDM PROJECT NUMBER
18012

CV-S

ISSUED FOR BID 03/08/2024

SITE VICINITY MAP



LEGAL DESCRIPTION

LEGAL DESCRIPTION

FROM THE SPECIAL WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 6175, AT PAGE 332, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA.

FROM THE NORTHEAST CORNER OF LOT 19 OF THE PLAT OF THE SUBDIVISION OF THE SOUTHEAST QUARTER OF SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST RECORDED IN BOOK 104, AT PAGE 596 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA, RUN NORTHERLY ALONG THE EAST LINE OF SECTION 18 FOR 15 FEET, THEN RUN IN A WESTERLY DIRECTION FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 2569.5 FEET TO A POINT IN THE EASTERLY RIGHT OF WAY LINE OF STATE ROAD # 291 (FERRY PASS HIGHWAY); THEN RUN IN A NORTHERLY DIRECTION WITH SAID RIGHT OF WAY FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 371.4 FEET TO THE SOUTH LINE OF LOT 14 AND THE POINT OF BEGINNING OF THE TRACT HEREIN CONVEYED; THEN CONTINUING ALONG SAID RIGHT OF WAY LINE 167 FEET TO A POINT; THEN RUN IN AN EASTERLY DIRECTION FORMING AN INTERIOR ANGLE OF 90 DEGREES 48 MINUTES WITH THE LAST PRECEDING COURSE 150 FEET TO A PIPE; THEN RUN IN A SOUTHERLY DIRECTION FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 167 FEET TO A POINT IN THE NORTHERLY RIGHT OF WAY LINE OF AN UNNAMED ROAD AND THE SOUTH LINE OF LOT 14; THEN WITH THE NORTH LINE OF SAID ROAD AND THE SOUTH LINE OF LOT 14 FORMING AN INTERIOR ANGLE OF 90 DEGREES 48 MINUTES WITH THE LAST PRECEDING COURSE 150 FEET TO THE POINT OF BEGINNING; BEING A PORTION OF LOT 14 IN SAID SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA.

BOUNDARY AND TOPOGRAPHIC SURVEY

© COPYRIGHT 2023 BY RONALD E. RUBEN II, P.S.M.

LEGAL DESCRIPTION

FROM THE SPECIAL WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 6175, AT PAGE 332, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA.

FROM THE NORTHEAST CORNER OF LOT 19 OF THE PLAT OF THE SUBDIVISION OF THE SOUTHEAST QUARTER OF SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST RECORDED IN BOOK 104, AT PAGE 596 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA, RUN NORTHERLY ALONG THE EAST LINE OF SECTION 18 FOR 15 FEET, THEN RUN IN A WESTERLY DIRECTION FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 2569.5 FEET TO A POINT IN THE EASTERLY RIGHT OF WAY LINE OF STATE ROAD # 291 (FERRY PASS HIGHWAY); THEN RUN IN A NORTHERLY DIRECTION WITH SAID RIGHT OF WAY FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 371.4 FEET TO THE SOUTH LINE OF LOT 14 AND THE POINT OF BEGINNING OF THE TRACT HEREIN CONVEYED; THEN CONTINUING ALONG SAID RIGHT OF WAY LINE 167 FEET TO A POINT, THEN RUN IN AN EASTERLY DIRECTION FORMING AN INTERIOR ANGLE OF 90 DEGREES 48 MINUTES WITH THE LAST PRECEDING COURSE 150 FEET TO A PIPE, THEN RUN IN A SOUTHERLY DIRECTION FORMING AN INTERIOR ANGLE OF 89 DEGREES 12 MINUTES WITH THE LAST PRECEDING COURSE 167 FEET TO A POINT IN THE NORTHERLY RIGHT OF WAY LINE OF AN UNNAMED ROAD AND THE SOUTH LINE OF LOT 14; THEN WITH THE NORTH LINE OF SAID ROAD AND THE SOUTH LINE OF LOT 14 FORMING AN INTERIOR ANGLE OF 90 DEGREES 48 MINUTES WITH THE LAST PRECEDING COURSE 150 FEET TO THE POINT OF BEGINNING; BEING A PORTION OF LOT 14 IN SAID SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA.

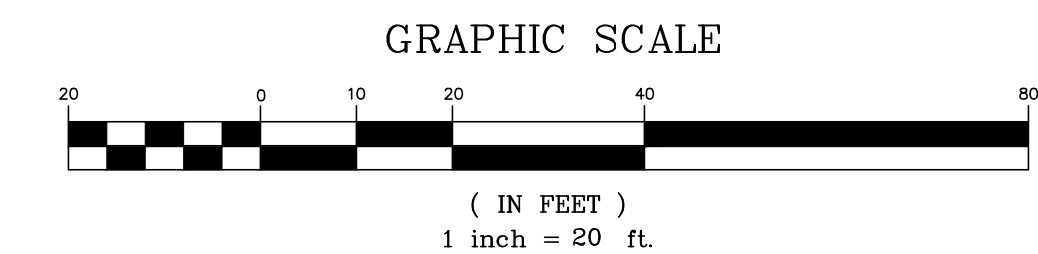
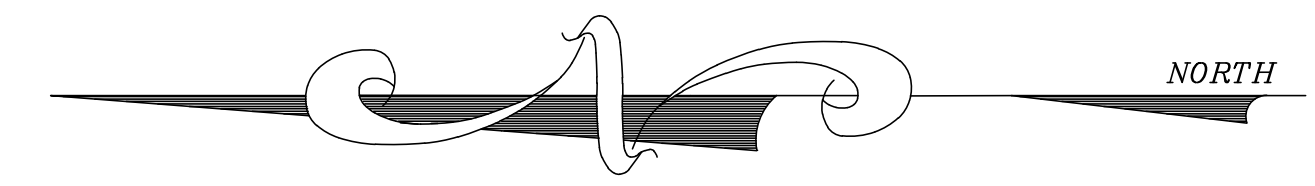
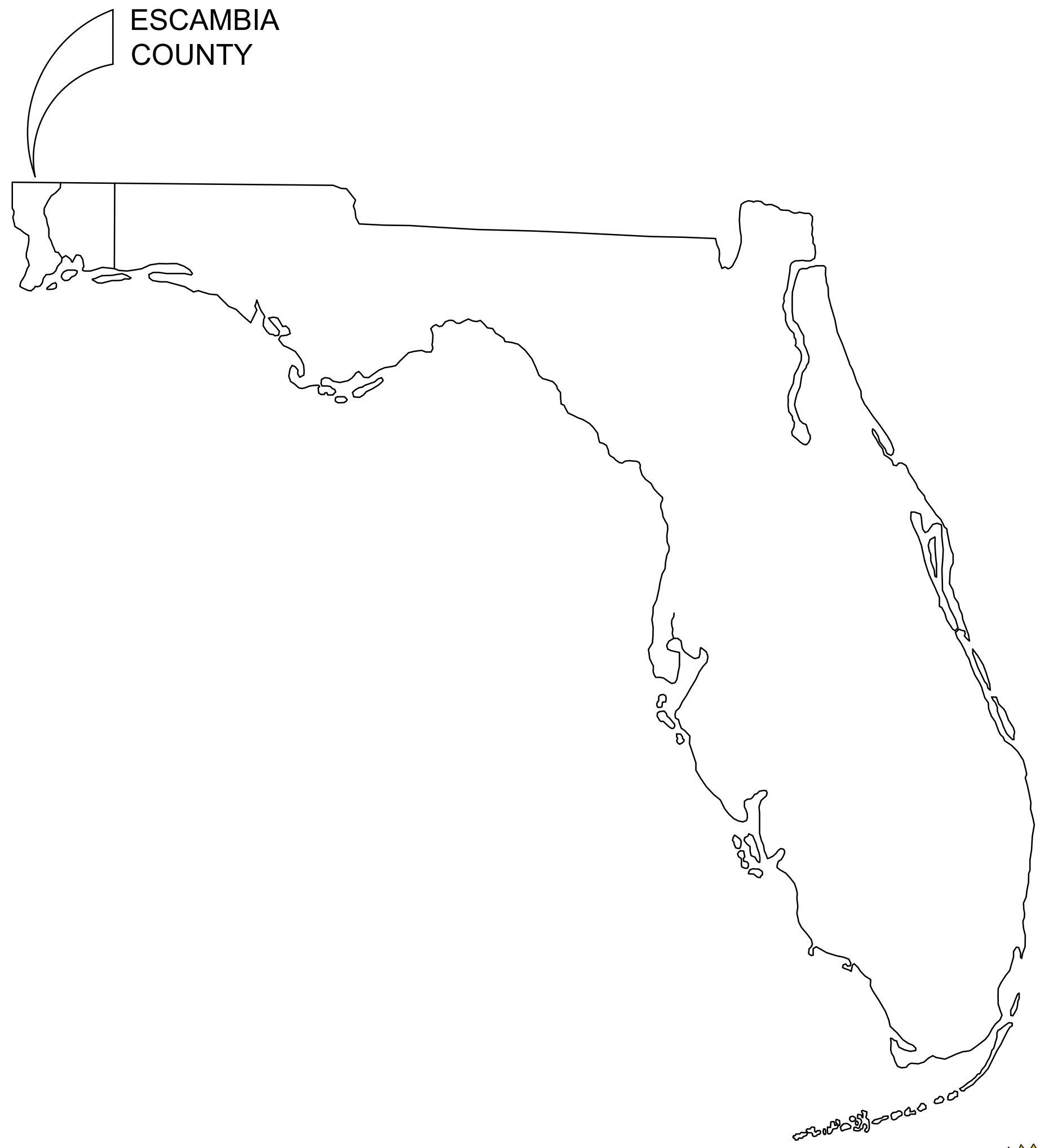
FROM THE WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 8459, AT PAGE 752, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA.

A PARCEL OF LAND IN SECTION 18, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA, DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHWEST CORNER OF NORTHCROSS VILLAGE AS RECORDED IN PLAT BOOK 12 AT PAGE 58 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, SAID POINT ALSO BEING ON THE EAST RIGHT-OF-WAY-LINE OF STATE ROAD 291/DAVIS HIGHWAY (200' R/W) AND THE SOUTH LINE OF LOT 7 OF THE NATIONAL LAND SALES PLAT AS RECORDED IN DEED BOOK 100 AT PAGE 494 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY; THENCE SOUTH 03°21'32" WEST ALONG SAID EAST RIGHT-OF-WAY LINE A DISTANCE OF 39.50 FEET FOR THE POINT OF BEGINNING; THENCE SOUTH 87°00'25" EAST A DISTANCE OF 184.50 FEET; THENCE SOUTH 03°32'23" WEST A DISTANCE OF 150.04 FEET; THENCE NORTH 87°00'25" WEST A DISTANCE OF 184.06 FEET TO SAID EAST RIGHT-OF-WAY LINE OF DAVIS HIGHWAY; THENCE NORTH 03°22'13" EAST ALONG SAID RIGHT-OF-WAY LINE A DISTANCE OF 150.04 FEET TO THE POINT OF BEGINNING.

GENERAL NOTES:

1. NORTH AND THE BEARINGS SHOWN HEREON ARE REFERENCED TO THE ASSUMED BEARING OF NORTH 03 DEGREES 09 MINUTES 50 SECONDS EAST ALONG THE EAST RIGHT-OF-WAY LINE OF DAVIS HIGHWAY.
2. THE MEASUREMENTS SHOWN HEREON WERE MADE TO UNITED STATES STANDARDS AND WERE RECORDED IN DECIMAL OF FEET UNLESS OTHERWISE MARKED.
3. NO TITLE SEARCH WAS PERFORMED BY NOR PROVIDED TO THIS FIRM FOR THE SUBJECT PROPERTY. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHTS-OF-WAY, BUILDING SETBACKS, STATE AND/OR FEDERAL JURISDICTIONAL AREAS RESTRICTIVE COVENANTS OR OTHER INSTRUMENTS THAT COULD AFFECT THE BOUNDARIES OR USE OF THE SUBJECT PROPERTY.
4. THE SURVEY DATUM SHOWN HEREON IS REFERENCED TO FROM THE SPECIAL WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 6175, AT PAGE 332, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA, THE RIGHT-OF-WAY MAPS FOR STATE ROAD 291 (DAVIS HIGHWAY), WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 8459, AT PAGE 752, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA, PREVIOUS SURVEYS BY THIS FIRM AND TO EXISTING FIELD MONUMENTATION.
5. STATE AND FEDERAL COPYRIGHT ACTS PROTECT THIS MAP FROM UNAUTHORIZED USE. THIS MAP IS NOT TO BE COPIED OR REPRODUCED EITHER IN WHOLE OR IN PART, OR TO BE USED FOR ANY OTHER FINANCIAL TRANSACTION. THIS DRAWING CANNOT BE USED FOR THE BENEFIT OF ANY OTHER PERSON, COMPANY OR FIRM WITHOUT THE PRIOR WRITTEN CONSENT OF THE COPYRIGHT OWNER.
6. IN ACCORDANCE WITH STATE OF FLORIDA ADMINISTRATIVE CODE, ANY ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING SURVEYOR AND MAPPER ARE PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF THE SIGNING SURVEYOR AND MAPPER.
7. THE STRUCTURE DIMENSIONS IF ANY DO NOT INCLUDE THE EAVES OR OVERHANG OR THE FOUNDATION FOOTINGS.
8. IT IS THE OPINION OF THE UNDERSIGNED SURVEYOR AND MAPPER THAT THE PROPERTY SHOWN HEREON IS LOCATED IN ZONE "X", BASE FLOOD ELEVATION NOT APPLICABLE, AS DETERMINED BY SCALE FROM FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA NUMBERED 12033C0315 G, DATED SEPTEMBER 29, 2006.
9. ABOVE-GROUND UTILITIES AND EVIDENCE OF SUBTERRANEAN UTILITIES ARE SHOWN HEREON. THERE MAY BE ADDITIONAL SUBTERRANEAN UTILITIES WHICH ARE NOT SHOWN HEREON.
10. THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)



- LEGEND:**
- R/W --- RIGHT OF WAY
 - D --- DESCRIPTION
 - F --- FIELD
 - C --- CALCULATED
 - LS --- LICENSED SURVEYOR
 - LB --- LICENSED BUSINESS
 - FFE --- FINISHED FLOOR ELEVATION
 - ED --- ESTIMATED DEPTH OF UTILITY
 - --- 1/2" CAPPED METAL ROD LS #5791 (SET)
 - --- 1/2" CAPPED METAL ROD LB #5802 (FOUND)
 - --- 1/2" CAPPED METAL ROD LB #1532 (FOUND)
 - --- 1/2" CAPPED METAL ROD # ILLEGIBLE (FOUND)
 - --- 1/2" METAL ROD, NO IDENTIFICATION (FOUND)
 - --- 1/2" CAPPED METAL ROD LB #8298 (FOUND)
 - ⊙ --- UTILITY POLE
 - ⊙ --- UTILITY POLE ANCHOR
 - ⊙ --- LIGHT POLE
 - ⊙ --- OVERHEAD UTILITY LINES
 - ⊙ --- WATER METER
 - ⊙ --- MONITORING WELL
 - ⊙ --- SANITARY SEWER MANHOLE

SURVEYOR'S CERTIFICATE:
 I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND COMPLIES WITH THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS & MAPPERS IN CHAPTERS 5J-17.050, 5J-17.051 AND 5J-17.052, PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

RONALD E. RUBEN II, P.S.M. # 5791 _____ DATE _____



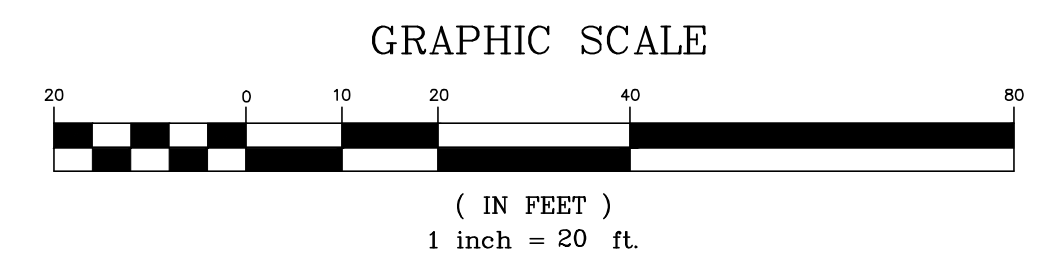
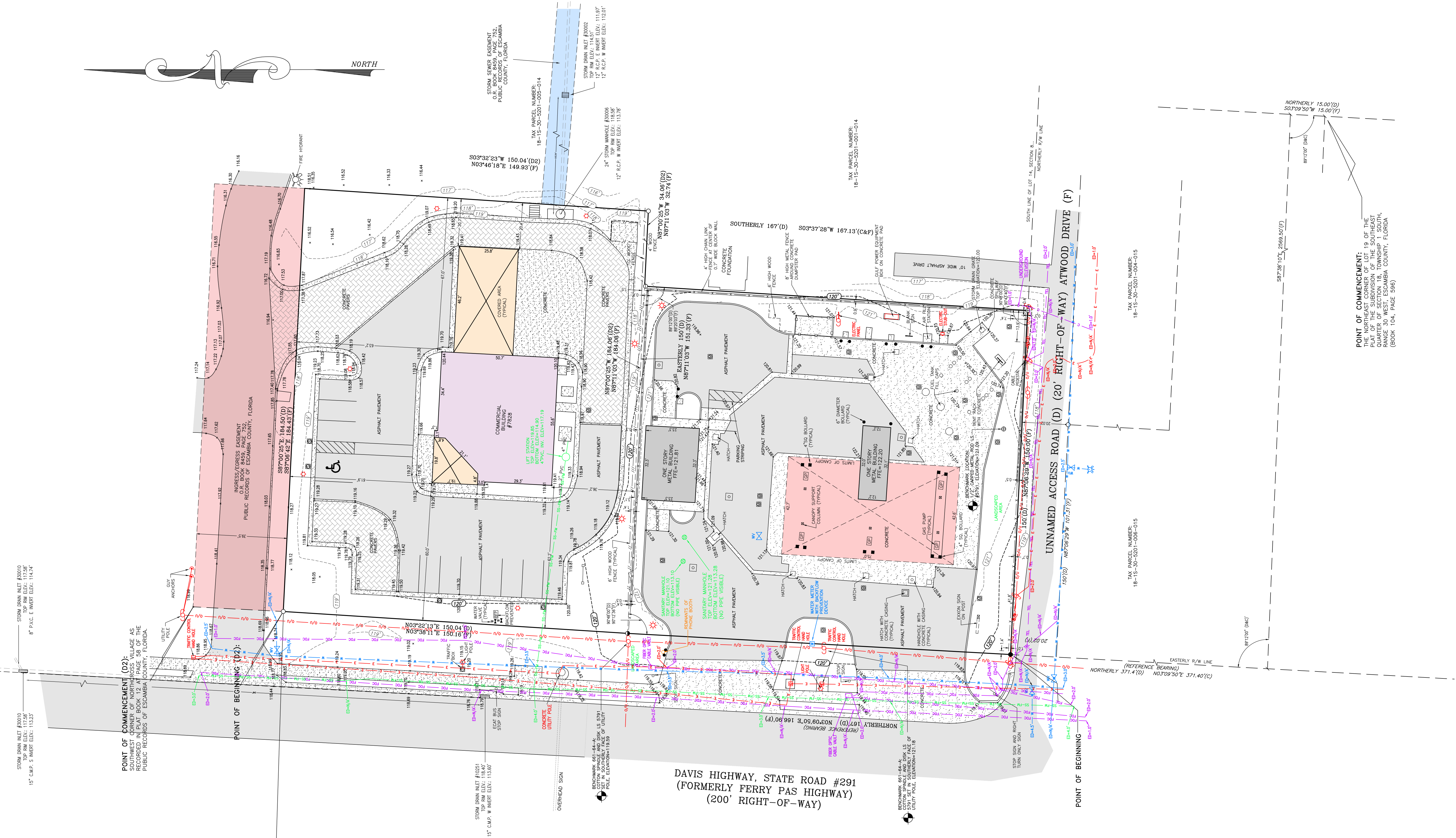
NOTE: THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RONALD E. RUBEN, II ON THE DATE SHOWN IN THE SURVEYOR'S CERTIFICATE BELOW. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THIS SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPY.

JOB NO. 20328-19	REVISION:	APPROVED BY:	ADD UTILITIES: FIELD BOOK	SHEET 1	OF 2
			PAGE 20		
			INFORMATION		
NO. DATE:	11/20/23	BY:	RER		
NO. DATE:	11/23/23	BY:	RER		
PAGE:	76-77/62,	FIELD BOOK:	736/742/744	FIELD DATE:	04/08/21
	77/15-16				
<p style="font-size: 2em; color: red; margin: 0;">ISSUED FOR BID 03/08/2024</p>					

NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

BOUNDARY AND TOPOGRAPHIC SURVEY

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POINT OF COMMENCEMENT:
THE NORTHEAST CORNER OF LOT 19 OF THE PLAT OF THE SUBDIVISION OF THE SOUTHEAST QUARTER SECTION 30 WEST, ESCAMBIA COUNTY, FLORIDA (BOOK 104, PAGE 596)

NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

BOUNDARY AND TOPOGRAPHIC SURVEY		JOB NO.: 20328-19	REVISION:	JOB NO.: 20328-19
PROPERTY ADDRESS: 1100 S. RAYMOND AVE., ESCAMBIA COUNTY, FLORIDA 32309		FIELD DATE: 09/24/19	APPROVED BY:	SHEET 2 OF 2
FIELD BOOK: 661	PAGE: 56-62, 64, 65, 67, 72	DATE:	NO.:	
DR. BY: JHD	APP. BY: JHD	DATE:	NO.:	



ISSUED FOR BID 03/08/2024

NOTE: THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RONALD E. RUBEN, II ON THE DATE SHOWN IN THE SURVEYOR'S CERTIFICATE BELOW. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THIS SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

THIS DOCUMENT HAS BEEN BEEN
 DIGITALLY SIGNED AND SEALED BY:
 DAIMIAN LESLIE, P.E.
 FL REG. NO. 73113

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

MDM SERVICES, INC.
 1055 KATHLEEN ROAD,
 LAKELAND FL 33805
 (863)646-9130

OR

2151 W. HILLSBORO BOULEVARD,
 SUITE 401
 DEERFIELD BEACH, FLORIDA 33442
 (954) 427-3076

DAIMIAN LESLIE, P.E.
 FLA REG # 73113

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
 FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004 & 61G15-23.005 FAC

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
■ CV-S	COVER SHEET
■ SG-1.0	SIGNATURE SHEET
■ AR-1.0	AERIAL SITE PLAN
■ C-1.0	OVERALL SITE PLAN
■ C-1.1	DEMOLITION & EROSION CONTROL PLAN
■ C-2.0	GRADING AND DRAIANGE PLAN
■ C-2.1	DRAINAGE DETAILS
■ C-2.2	DRAINAGE DETAILS
■ C-2.3	DRAINAGE DETAILS
■ C-2.4	DRAINAGE DETAILS
■ C-4.0	FDOT DRAINAGE AND CURB DETAILS

CLIENT:
ALT PENSACOLA INC.
 Abu Mrid
 757 Beal Parkway, NW
 Fort Walton Beach, FL 32447
 Phone No. 775-811-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environment • construction
 1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33805
 Phone: (863) 646-9130
 2151 W. HILLSBORO BOULEVARD, SUITE 401
 DEERFIELD BEACH, FLORIDA 33442
 Phone: (954) 427-3076
 FL. CA. #485

NO.	DATE	REVISIONS	COMMENTS
1	01/02/24	REVISED PER FDOT	

This item has been digitally signed and sealed by Daimian D. Leslie, P.E., or his authorized representative. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
 FL. REG #73113

**6,622 SQ. FT.
 BUILDING**

SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DAYTONA AVENUE
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM
 DATE: 05-04-2021
 DESIGNED BY:
 DRAWN BY: DDB/SLO FILE NO: 18012CD11X17.DWG
 CHECKED BY:

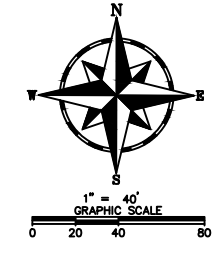
DRAWING TITLE:
SIGNATURE SHEET

SHEET NO.:
SG1.0



Know what's below.
 Call before you dig.

ISSUED FOR BID 03/08/2024



CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 757 Beal Parkway, NW
 Fort Walton Beach, FL 32447
 Phone No. 775-841-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environment • construction
 1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33805
 Phone: (853) 546-9130
 2151 W. HILLSBORO BOULEVARD, SUITE 101
 DEERFIELD BEACH, FLORIDA 33442
 Phone: (954) 420-0776
 FL. CA. #4850

NO. DATE REVISIONS
 This item has been digitally signed and sealed by Daimian D. Leslie, P.E., or his authorized representative. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
 FL. REG #73

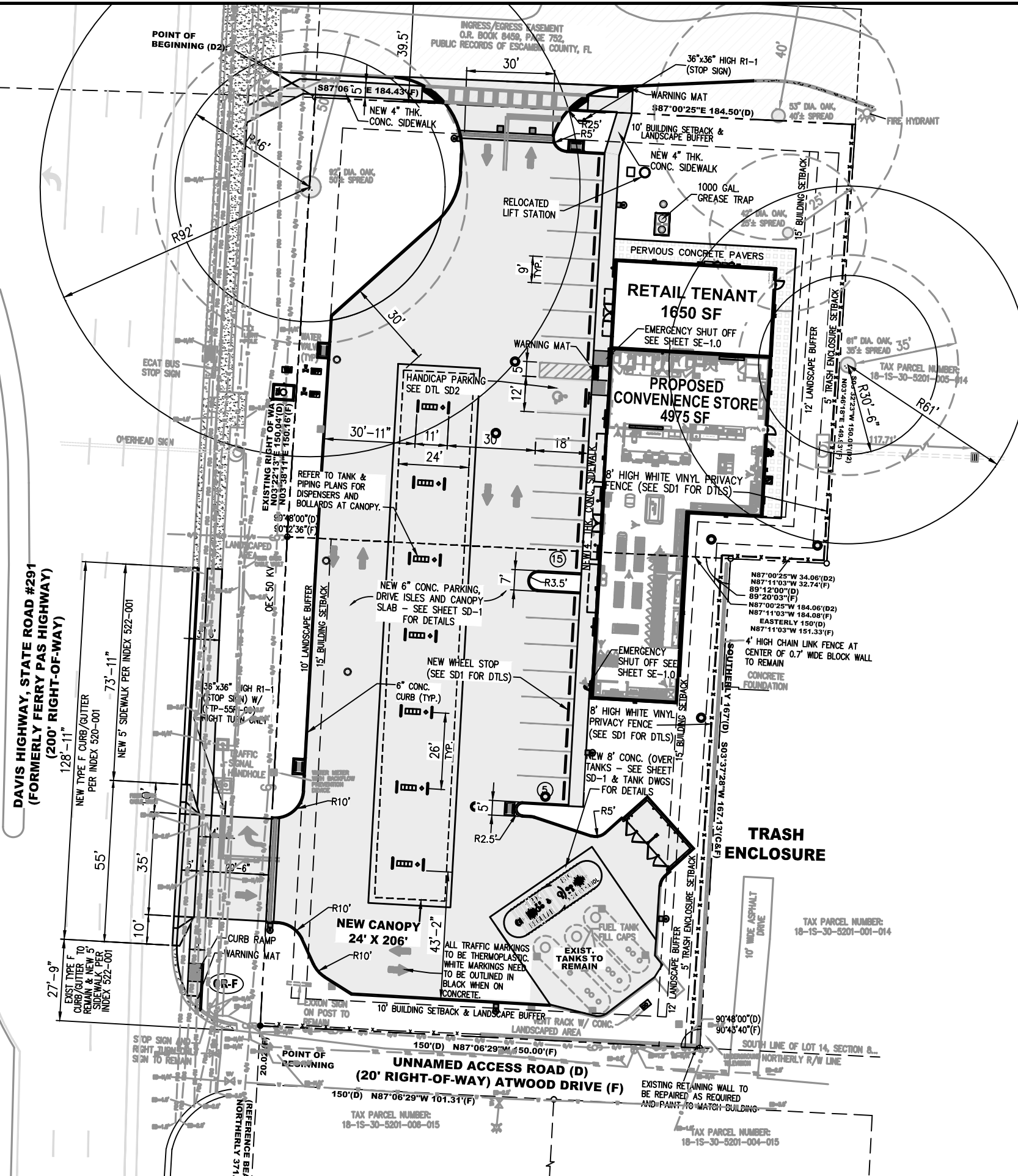
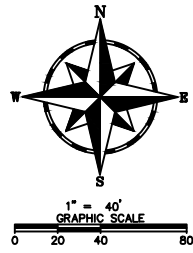
6,622 SQ. FT. BUILDING
 SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DAVENPORT AVENUE
PENSACOLA, FLORIDA

SCALE: AS NOTED
 DATE: 05-04-2021
 DESIGNED BY:
 DRAWN BY: DDB/SLO
 CHECKED BY:
 DRAWING TITLE:
AERIAL SITE PLAN

SHEET NO.:
AR1.0

ISSUED FOR BID 03/08/2024





- LEGEND:**
- NEW CONCRETE PAVEMENT
 - NEW PERVIOUS CONCRETE PAVERS
 - EXISTING CONCRETE PAVEMENT



OWNER:
ALT PENSACOLA, INC.
757 BEAL PARKWAY NW
FORT WALTON BEACH, FLORIDA 32547
CONTACT: ABU MRIDHA
PHONE: 775-848-1271

SURVEYOR:
RUBEN SURVEYING & MAPPING
913 GULF BREEZE PKWY SUITE 6
GULF BREEZE, FLORIDA 32561
CONTACT: RONALD E. RUBEN II
PHONE: 850-916-7382

ENGINEER:
MDM SERVICES, INC.
2151 W HILLSBORO BLVD., SUITE 401
DEERFIELD BEACH, FLORIDA 33442
CONTACT: RICHARD R. MORRIS, P.E.
PHONE: 954-427-3076 EXT. 302

SITE DATA:

EXISTING SITE AREAS:
 PARCEL NO: (18-1S-30-5201-000-014)
 ± 27,643.61 SF OR 0.635 ACRES M.O.L.
 PARCEL NO: (18-1S-30-5201-002-014)
 ± 25,162.64 SF OR 0.578 ACRES M.O.L.

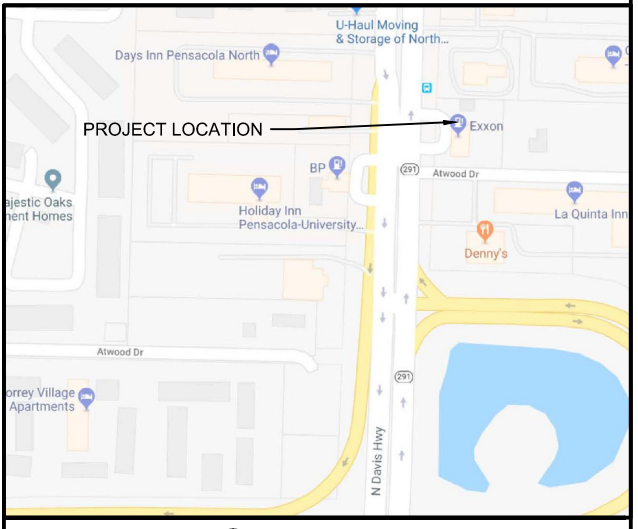
TOTAL PARCEL AREA FOR DESIGN: 1.212 ACRES M.O.L.

EXISTING SITE AREAS (COMBINED PARCELS):

TOTAL SITE AREA: 52,806.25 SQ.FT. OR 1.212 ACRES M.O.L.
 TOTAL PERVIOUS AREA: 12,947.09 SQ.FT. OR 24.52% OF SITE
 TOTAL "TRUE" IMPERVIOUS AREA: 35,179.08 SQ.FT. OR 66.62% OF SITE
 TOTAL "SEMI" IMPERVIOUS AREA: 4,680.08 SQ.FT. OR 8.86% OF SITE
 (PERVIOUS CONCRETE PAVERS)
 GRAND TOTAL IMPERVIOUS AREA: 39,859.16 SQ.FT. OR 75.48% OF SITE

PROPOSED SITE AREAS (COMBINED PARCELS):

TOTAL SITE AREA: 52,806.25 SQ.FT. OR 1.212 ACRES M.O.L.
 TOTAL PERVIOUS AREA: 16,402.82 SQ.FT. OR 31.06% OF SITE
 TOTAL "TRUE" IMPERVIOUS AREA: 35,431.09 SQ.FT. OR 67.10% OF SITE
 TOTAL "SEMI" IMPERVIOUS AREA: 972.34 SQ.FT. OR 1.58% OF SITE
 (PERVIOUS CONCRETE PAVERS)
 GRAND TOTAL IMPERVIOUS AREA: 36,403.43 SQ.FT. OR 68.94% OF SITE
 RESULTING DECREASE IN IMPERVIOUS SURFACE: 252.01 SF



VICINITY MAP
N.T.S.

CLIENT:
ALT PENSACOLA INC.
Abu Mridha
757 Beal Parkway NW
Fort Walton Beach, FL 32547
Phone No. 775-848-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33805
Phone: (853) 846-9133
2151 W. HILLSBORO BOULEVARD, SUITE 401
DEERFIELD BEACH, FLORIDA 33442
Phone: (954) 427-3076
FL. CA. #8859

NO.	DATE	REVISION

This item has been digitally signed and sealed by Daimian D. Leslie, P.E., or his authorized agent. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
FL. REG #73

6,622 SQ. FT. BUILDING

SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DAVIS HIGHWAY
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM

DATE: 05-04-2021

DESIGNED BY:

DRAWN BY: DDB/SLO FILE NO:

CHECKED BY: 18012CD11X17.DWG

DRAWING TITLE:
OVERALL SITE PLAN

SHEET NO.:
C1.0

ISSUED FOR BID 03/08/2024



EROSION CONTROL NOTES:

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

SITE EROSION CONTROLS SHALL BE CHECKED AND IF NECESSARY, REPAIRED WEEKLY AND WITHIN 24 HOURS AFTER EACH RAINFALL $\geq 1/2"$. IN THE EVENT OF CONTINUOUS RAINFALL, EROSION CONTROLS SHALL BE CHECKED DAILY.

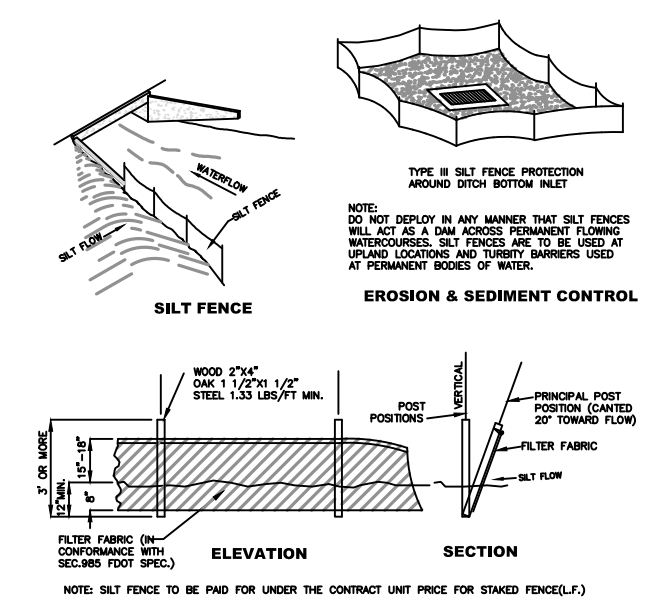
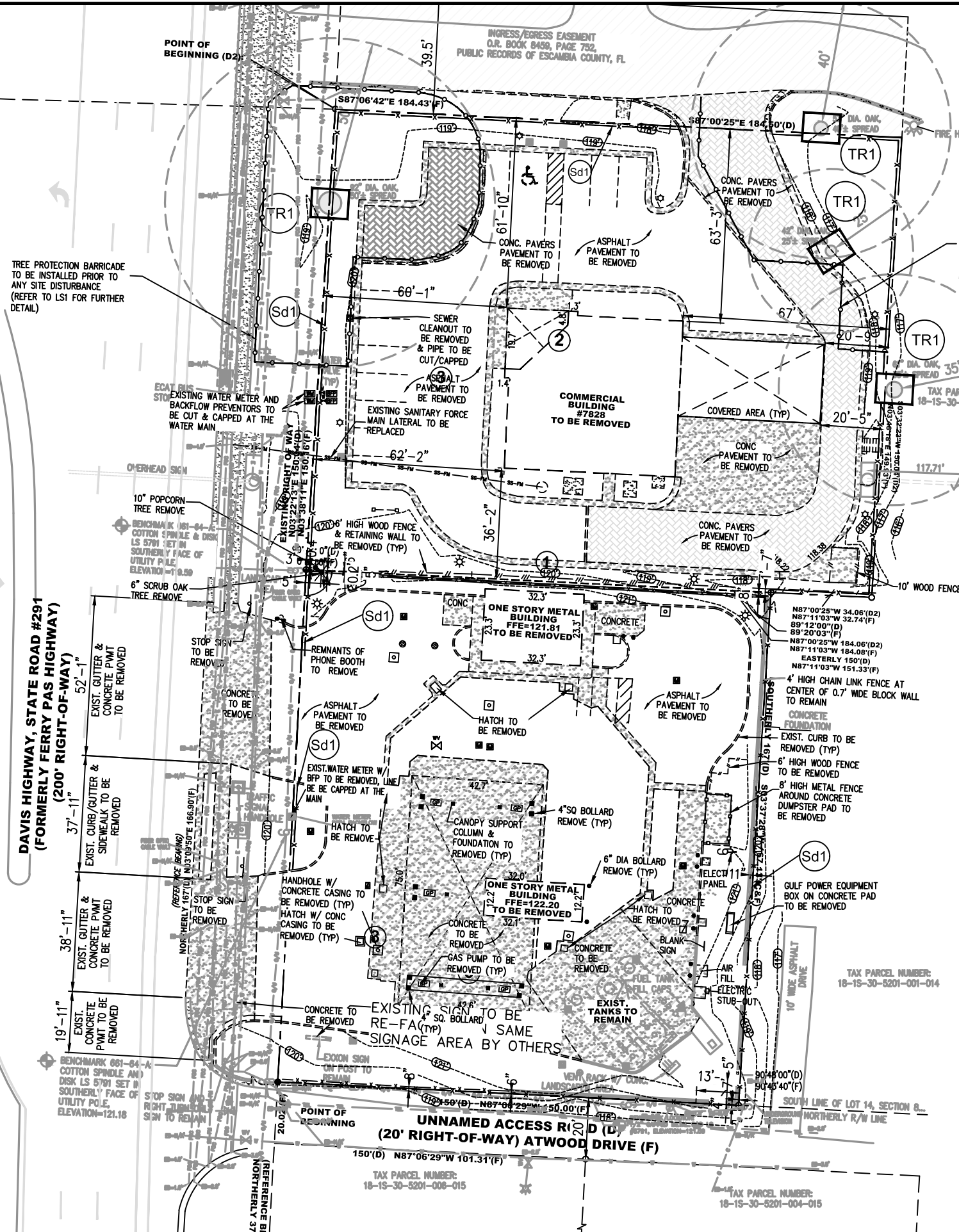
EROSION AND SEDIMENTATION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES WILL BE INSTALLED AS DEEMED NECESSARY BY ONSITE INSPECTION.

ALL EROSION CONTROL MEASURES ARE TO CONFORM TO THE STANDARDS SET FORTH IN THE USDA "PLANNING AND DESIGN MANUAL FOR EROSION AND SEDIMENT CONTROL", AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) "STORMWATER BMP MANUAL FOR BEST MANAGEMENT PRACTICES"; CURRENT EDITIONS.

ALL AREAS TO REMAIN BARE > 15 DAYS MUST BE TEMPORARILY STABILIZED.

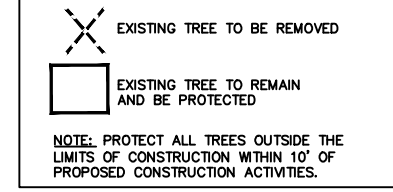
WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE.

INSPECTIONS: CONTRACTOR SHALL INSPECT AND DOCUMENT EROSION AND SEDIMENT CONTROL MEASURES AND REPAIR AS NEEDED MIN. 2 TIMES PER WEEK AND AT LEAST 72 HOURS APART.



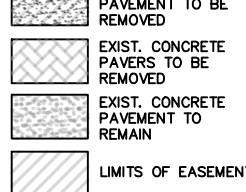
SILT FENCE DETAIL
NO SCALE

TREE PROTECTION LEGEND



NOTE: PROTECT ALL TREES OUTSIDE THE LIMITS OF CONSTRUCTION WITHIN 10' OF PROPOSED CONSTRUCTION ACTIVITIES.

DEMO LEGEND:



GENERAL NOTES:

- CONSTRUCTION MATERIALS, ASSEMBLIES AND PROCEDURES ARE TO FOLLOW LOCALLY ADOPTED BUILDING CODES AND SUPPLEMENTARY ORDINANCES. WHEN A CONFLICT OCCURS BETWEEN SUCH LOCAL CODES AND INFORMATION SHOWN ON THE PLANS CONSULT ENGINEER OF RECORD FOR RESOLUTION PRIOR TO COMMENCING WORK.
- CONTRACTOR IS TO NOTIFY ENGINEER OF RECORD IF SITE CONDITIONS OR DIMENSIONS DISAGREE WITH INFORMATION SHOWN ON THE DRAWINGS. WORK IS NOT TO PROCEED UNTIL SUCH DIFFERENCES ARE RESOLVED.
- DRAWINGS SHALL NOT BE SCALED. "NOT TO SCALE" (INDICATED AS N.T.S.) AND THE LISTED DIMENSIONS GOVERN.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR DAMAGE TO THE WORK OF EACH OF THE OTHER TRADES CAUSED BY HIS OPERATIONS. REPAIR WORK MUST RECEIVE THE PRIOR APPROVAL OF THE COMPANY REPRESENTATIVE.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES AND FOR PROTECTING THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE COST OF REPAIR OR REPLACEMENT TO UTILITIES DAMAGED BY THE CONTRACTOR.
- G.C. SHALL PROVIDE EROSION CONTROL/SEDIMENTATION BARRIER (SYNTHETIC BARRIERS AND SILT FENCE) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS, AND WATERWAYS.
- INGRESS AND EGRESS TO SITE, DURING CONSTRUCTION, IS ALLOWED ONLY THROUGH APPROVED SITE DRIVEWAYS. PLACE GRAVEL AT SITE EGRESS TO MINIMIZE OFFSITE TRACKING



CLIENT:
ALT PENSACOLA INC.
Abu Mridha
757 Beal Parkway NW
Fort Walton Beach, FL 32447
Phone No. 775-811-1271

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engineering • environmental • construction
1055 KATHLEEN ROAD, LAKELAND, FL 33805
Phone: (853) 546-9130
2151 W. HILLSBORO BOULEVARD, SUITE 101
DEERFIELD BEACH, FL 33442
Phone: (954) 421-0776
FL, CA, #4850

NO.	DATE	REVISIONS PER FOOT COMMENTS
01/02/24		REVISED PER FOOT COMMENTS

DAIMIAN D. LESLIE, P.E.
FL. REG #73

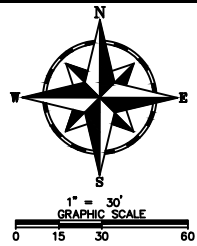
6,622 SQ. FT. BUILDING
CONVENIENCE STORE
7822 NORTH DAVIS ROAD
PENSACOLA, FLORIDA

SCALE: AS NOTED
DATE: 05-04-2021
DESIGNED BY:
DRAWN BY: DDB/SLO
CHECKED BY: 18012CD11X17.DWG

DEMOS & EROSION CONTROL PLAN

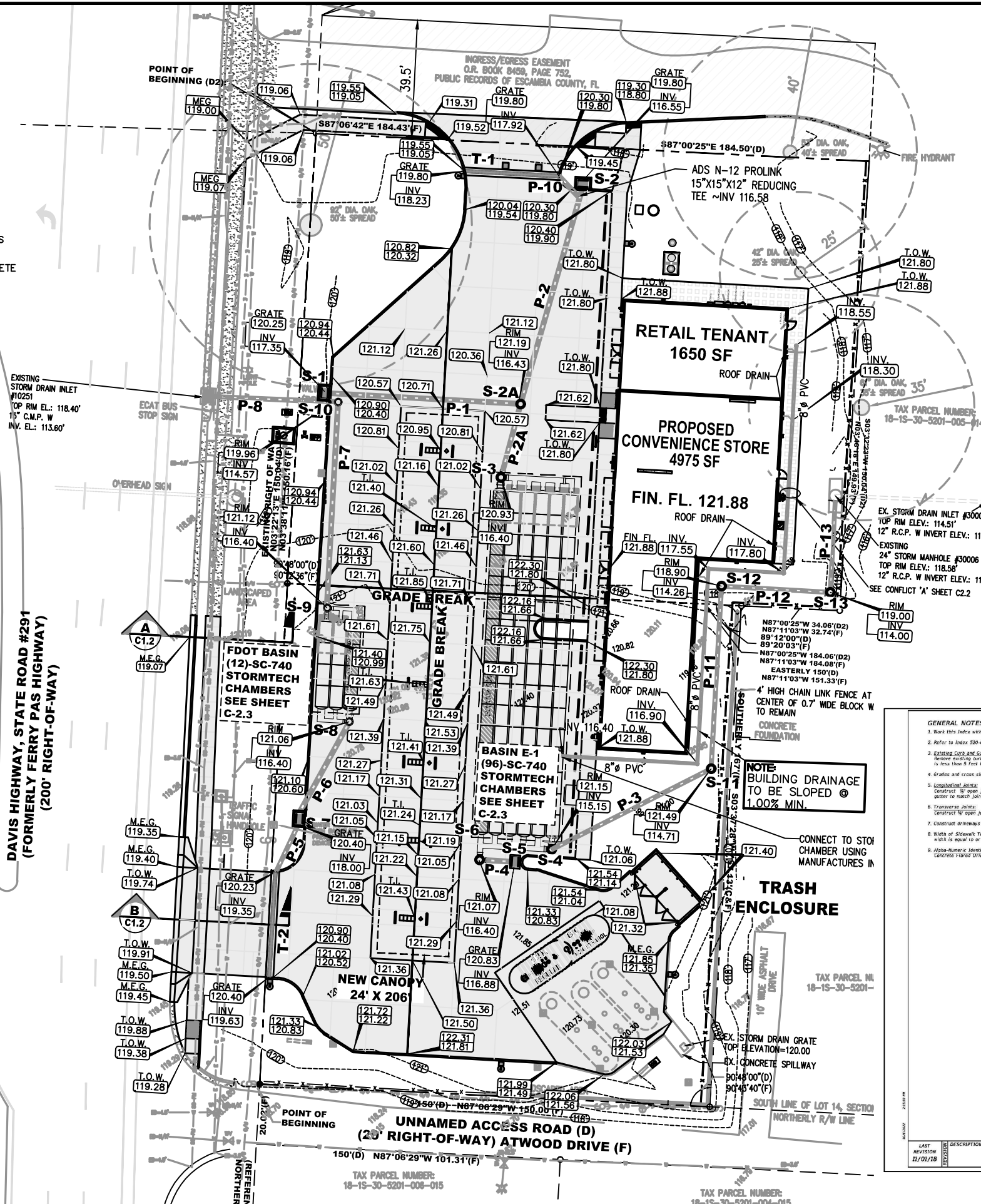
SHEET NO.
C1.1

ISSUED FOR BID 03/08/2024



LEGEND:

- NEW CONCRETE PAVEMENT
- NEW PERVIOUS CONCRETE PAVERS
- EXISTING CONCRETE PAVEMENT



SITE DATA:

EXISTING SITE AREAS:
 PARCEL NO: (18-15-30-5201-000-014) ± 27,643.61 SF OR 0.635 ACRES M.O.L.
 PARCEL NO: (18-15-30-5201-002-014) ± 25,162.64 SF OR 0.578 ACRES M.O.L.
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 RESULTING DECREASE IN IMPERVIOUS SURFACE: 252.01 SF

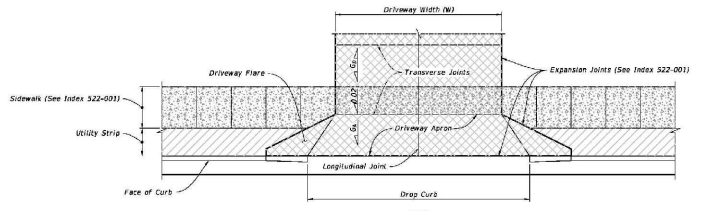
PIPE SCHEDULE

PIPE NO.	LF	PIPE	SLOPE	UP INV.	DN. INV.
P-1	63	15" NDPE	1.00%	117.06	116.43
P-2	74	15" HDPE	0.16%	116.55	116.43
P-2A	25	15" HDPE	0.16%	116.43	116.40
P-3	60	12" HDPE	0.73%	115.15	114.71
P-4	22	15" HDPE	2.0%	116.88	116.40
P-5	45	12" PVC	1.20%	118.54	118.00
P-6	35	15" HDPE	4.57%	118.00	116.40
P-7	68	15" HDPE	2.69%	116.40	114.57
P-8	41	15" CMP	2.0%	114.57	113.75
P-9	7	12" PVC	1.0%	117.42	117.35
P-10	4	12" PVC	1.50%	116.64	116.58
P-11	61	12" HDPE	0.73%	114.71	114.26
P-12	36	12" HDPE	0.73%	114.26	114.00
P-13	31	12" HDPE	0.72%	114.00	113.80

- GENERAL NOTES:**
- Work this Index with Specification 522.
 - Refer to Index 520-001 for deep curb details and Index 522-001 for joints between driveways, sidewalks, and curbs.
 - Existing Curb and Gutter: Remove existing curb and gutter to either the nearest joint beyond the flared point or to where no remaining section is less than 3 feet long.
 - Grades and cross slopes shown are maximums.
 - Longitudinal Joints: Construct "N" open joints placed at equal (20' max.) intervals for driveways over 20' wide. Match joints in curb and gutter to match joints in driveways.
 - Transverse Joints: Construct "W" open joints @ 30' Centers and "E" expansion joints with preformed joint filler every 5th joint.
 - Construct driveways (6" thick concrete) to a uniform width (W) to the R/W line or the extent shown in the Plans.
 - Width of Sidewalk Thru Driveway is 4'-0" minimum. Match sidewalk width when shown in Plans or when utility strip width is equal to or greater than the depth of the Driveway Apron.
 - Alpha-Numeric Identifications (e.g. S4) are provided for reference purposes in the Plans.

LEGEND:

- Sidewalk
- Flared Driveway (6" Thick Concrete)
- Sidewalk Thru Driveway (6" Thick Concrete)
- Utility Strip
- Grade of Apron
- Grade of Driveway (Per Plans)



LAST REVISION	DESCRIPTION	DATE
01/01/18	INDEX	

FY 2023-24 STANDARD PLANS

CONCRETE FLARED DRIVEWAYS

INDEX: 522-003 SHEET: 1 of 4

DETAIL IS FOR REFERENCE ONLY

CLIENT:
ALT PENSACOLA INC.
 Abu Mrid
 757 Beal Parkway
 Fort Walton Beach, FL 32547
 Phone No. 775-8-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environment • construction
 1055 KATHLEEN ROAD, LAKELAND, FL 33805
 Phone: (853) 546-9130
 2151 W. HILLSBORO BOULEVARD, SUITE 101
 DEERFIELD BEACH, FL 33442
 Phone: (954) 420-0776
 FL, CA, #4850

01/02/24 REVISED PER EDOT COMMENTS

NO.	DATE	REVISION

This item has been digitally signed and sealed by Daimian D. Leslie, P.E., of MDM Services, Inc. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
 FL REG #73

6,622 SQ. FT. BUILDING

SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DAVIS ROAD
PENSACOLA, FLORIDA

SCALE: AS NOTED MDM
 DATE: 05-04-2021
 DESIGNED BY:
 DRAWN BY: DDB/SLO FILE NO:
 CHECKED BY: 18012CD11X17.DWG
DRAWING TITLE:
GRADING & DRAINAGE PLAN
 SHEET NO.:

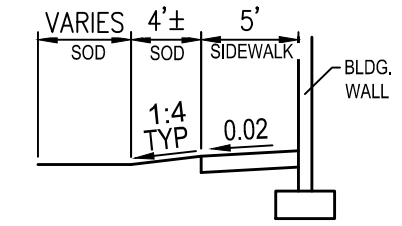
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ISSUED FOR BID 03/08/2024

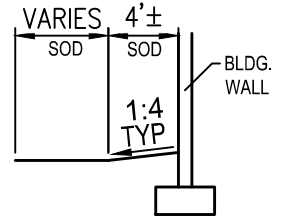


DRAINAGE STRUCTURE SCHEDULE							
STRUCTURE NUMBER	STRUCTURE DESCRIPTION	TOP ELEV. "A"	BOTTOM ELEV. "B"	DEPTH "C"	PIPE OPENING INFORMATION "D"		
					SIZE	INVERT	DIRECTION
1	CATCH BASIN Sht C 2.1	120.25	116.35	3.90'	15" HDPE	117.35	E
2	CATCH BASIN Sht C 2.1	119.80	115.55	4.25'	15" HDPE	116.55	SE
2A	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER W/ 2' SUMP	121.19	114.43	6.76'	15" HDPE 15" HDPE	116.43 116.43	NE SW
3	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER W/ 2' SUMP	120.93	114.40	6.53'	15" HDPE	116.40	NE
					18" HDPE	116.40	E
					DIVERTER PLATE TOP 116.90		
4 *	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	121.15	114.40	6.75'	18" HDPE	116.40	N
					18" HDPE	116.40	W
					12" HDPE	115.15	NE
					OUTFLOW ORIFICE ELEVATION 116.90		
5	CATCH BASIN Sht C 2.1	120.83	115.88	4.95'	15" HDPE	116.88	NW
6	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER W/ 2' SUMP	121.07	114.40	6.67'	15" HDPE 18" HDPE 18" HDPE	116.40 116.40 116.40	SE N E
7	CATCH BASIN Sht C 2.1	120.40	117.00	3.40'	15" HDPE 12" PVC	118.00 118.00	NE SW
8	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER W/ 2' SUMP	121.06	114.40	6.68'	15" HDPE	116.40	SW
					18" HDPE	116.40	N
					18" HDPE	116.40	W
					DIVERTER PLATE TOP 116.90		
					OUTFLOW ORIFICE ELEVATION 116.95		
10	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	119.96	114.07	5.89'	15" CMP 15" HDPE	114.57 114.57	W S
11	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	121.49	114.07	7.42'	12" HDPE 12" HDPE	114.71 114.71	SW N
12	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	118.90	114.07	4.83'	12" HDPE 12" HDPE	114.26 114.26	S E
13	NYLOPLAST 36" DRAIN BASIN W/SOLID COVER	119.00	114.00	5.00'	12" HDPE 12" HDPE	114.00 114.00	N W

*WEIR CONTROL STRUCTURE



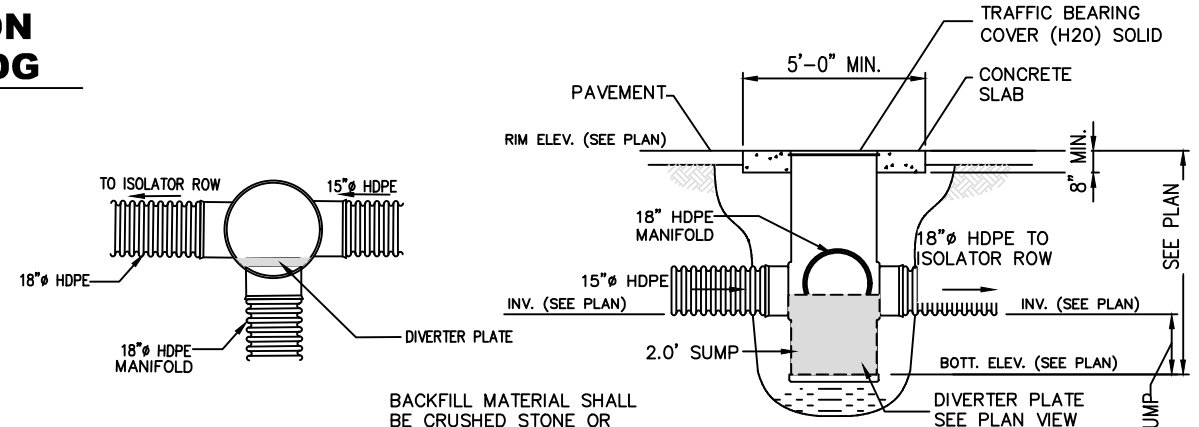
SIDEWALK SECTION



NO SIDEWALK SECTION

TYPICAL SECTION AT BACK OF BLDG

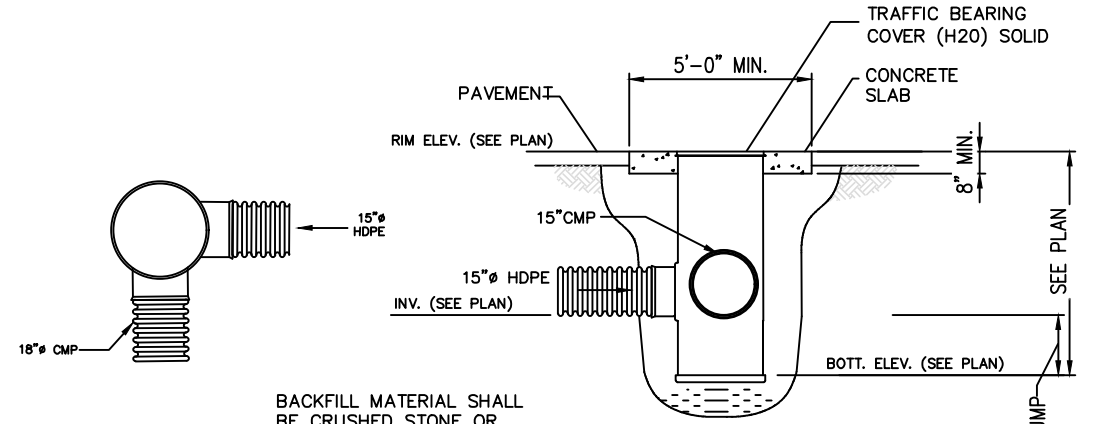
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BACKFILL MATERIAL SHALL BE CRUSHED STONE OR GRAVEL MATERIAL MEETING CLASS 1 OR 2 AS SPECIFIED IN ASTM D2321. BACKFILL MATERIAL SHALL BE PLACED UNIFORMLY IN 12" LIFTS AND COMPACTED.

36" NYLOPLAST JUNCTION BOX (S-3, S-6 S-8)

NO SCALE



BACKFILL MATERIAL SHALL BE CRUSHED STONE OR GRAVEL MATERIAL MEETING CLASS 1 OR 2 AS SPECIFIED IN ASTM D2321. BACKFILL MATERIAL SHALL BE PLACED UNIFORMLY IN 12" LIFTS AND COMPACTED.

36" NYLOPLAST JUNCTION BOX (S-10)

NO SCALE

CLIENT:
ALT PENSACOLA INC.
Abu Mrid
757 Beal Parkway NW
Fort Walton Beach, FL 32447
Phone No. 775-8... 4271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environmental • construction
1055 KATHLEEN ROAD, LAKELAND, FL 33805
Phone: (853) 546-9130
2151 W. HILLSBORO BOULEVARD, SUITE 101
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Phone: (954) 421-0776
FL, CA, #4850

NO.	DATE	REVISIONS	COMMENTS
01/02/24		REVISED PER EPOC	

DAIMIAN D. LESLIE, P.E.
FL REG #73

6,622 SQ. FT. BUILDING

SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DAVENPORT
PENSACOLA, FLORIDA

SCALE: AS NOTED
DATE: 05-04-2021
DESIGNED BY:
DRAWN BY: DDB/SLO
CHECKED BY: 18012CD11X17.DWG

DRAINAGE DETAILS
SHEET NO. **C2.1**



Know what's below.
Call before you dig.

ISSUED FOR BID 0308/2024

CLIENT:
ALT PENSACOLA INC.
 Abu Mrid
 757 Beal Parkway, NW
 Fort Walton Beach, FL 32147
 Phone No. 775-811-1271

DESIGN TEAM TITLE:
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 engineering • environment • construction
 1055 KATHLEEN ROAD, LAKELAND, FLORIDA 33805
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 DEERFIELD BEACH, FLORIDA 33442
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1	01/02/24	REVISED PER EPOC	

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DAIMIAN D. LESLIE, P.E.
 FL. REG #73

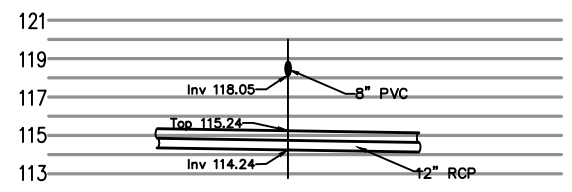
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 7822 NORTH DAVENPORT
 PENSACOLA, FLORIDA

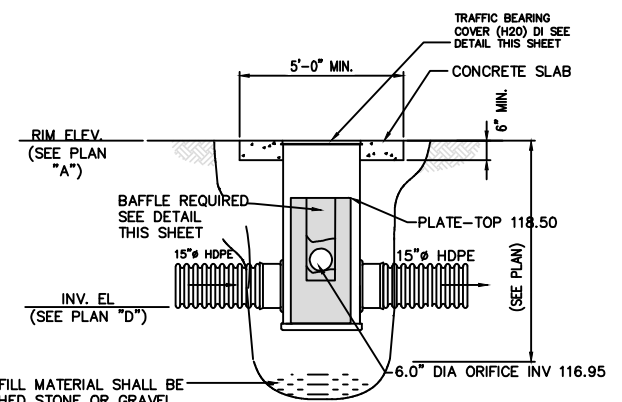
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DATE:	05-04-2021	
DESIGNED BY:		
DRAWN BY:	DDB/SLO	FILE NO.
CHECKED BY:		18012CD11X17.DWG

DRAWING TITLE:
DRAINAGE DETAILS

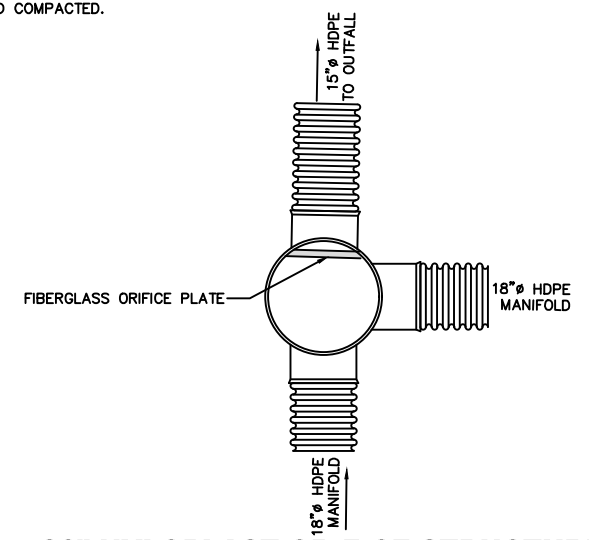
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C2.2



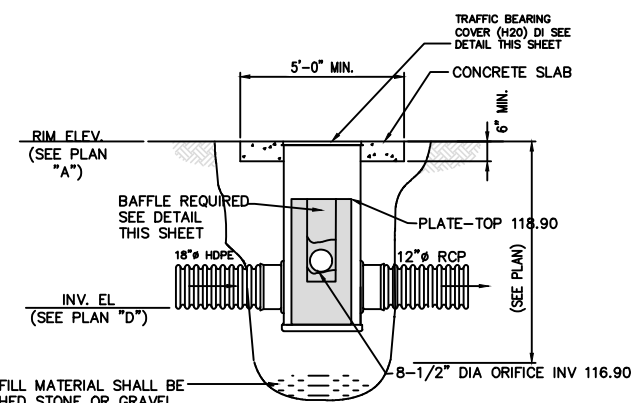
CONFLICT 'A'
 SCALE: HORZ. 1"=10'
 VERT. 1"=5'



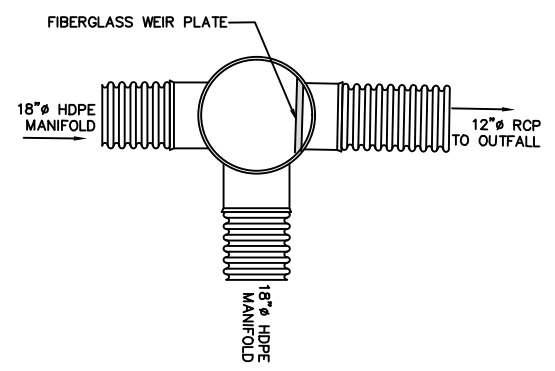
BACKFILL MATERIAL SHALL BE CRUSHED STONE OR GRAVEL MATERIAL MEETING CLASS 1 OR 2 AS SPECIFIED IN ASTM D2321. BACKFILL MATERIAL SHALL BE PLACED UNIFORMLY IN 12" LIFTS AND COMPACTED.



36" NYLOPLAST ORIFICE STRUCTURE (S-9)
 NO SCALE

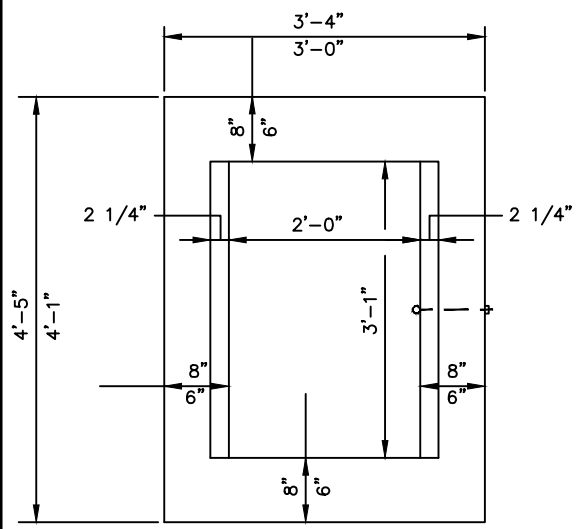


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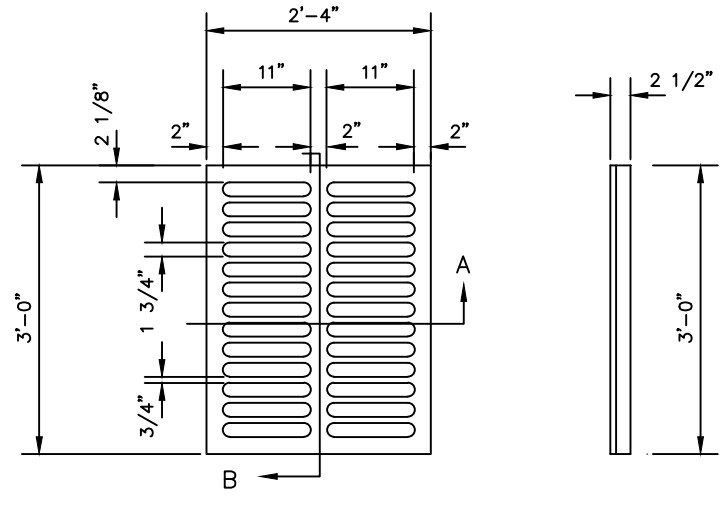


36" NYLOPLAST WEIR STRUCTURE (S-4)
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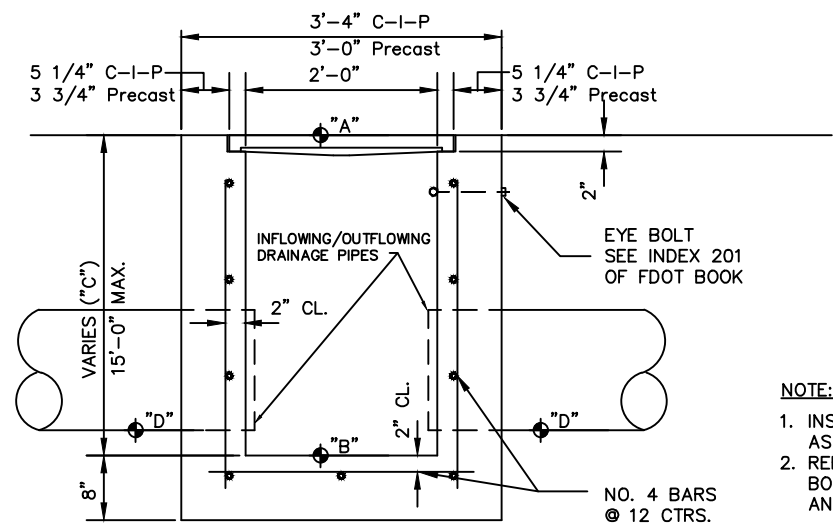
PLAN



COVER

SECTION B

APPROX. WEIGHT 235LBS.



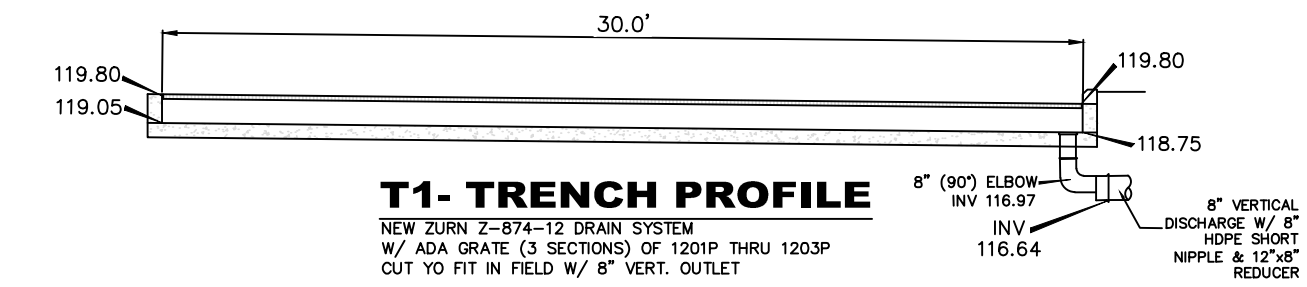
SECTION

**SEE FDOT DETAILS FOR ADDITIONAL INFORMATION
TYPICAL TYPE "C" CATCH BASIN (S-1, S-2, S-5, S-7)**

SCALE: 3/4" = 1'-0"

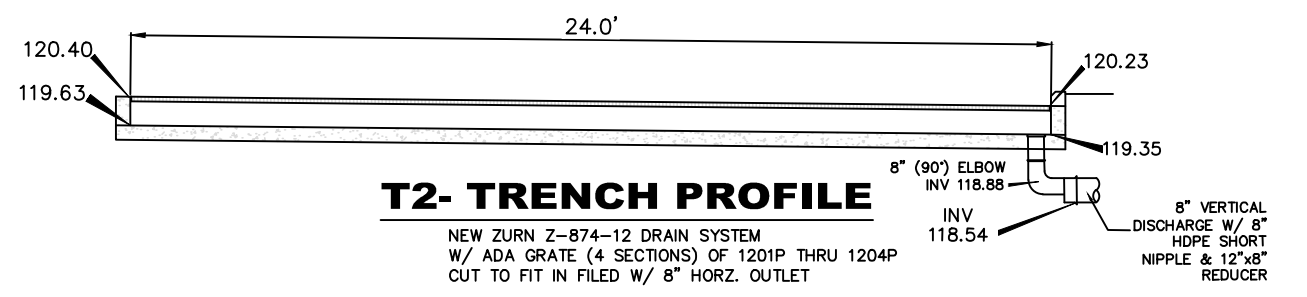
NOTE:

1. INSTALL SOLID COVER AT STRUCTURES NOTED AS JUNCTION BOXES
2. REFER TO DWG C-2.0 FOR CATCH BASIN & JUNCTION BOX DIMENSIONS & ELEVATION "A", "B", "C", "D" AND FOR PIPING SIZE, MATERIAL & ORIENTATION.



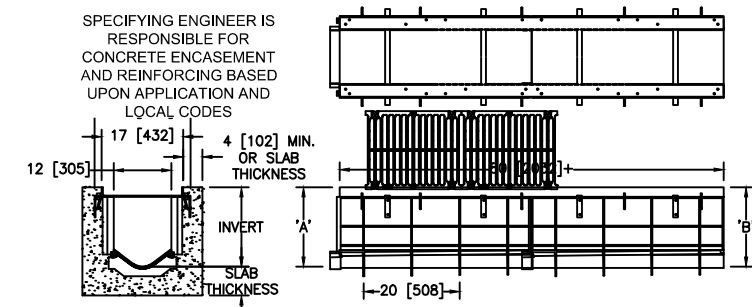
T1- TRENCH PROFILE

NEW ZURN Z-874-12 DRAIN SYSTEM
W/ ADA GRATE (3 SECTIONS) OF 1201P THRU 1203P
CUT YO FIT IN FIELD W/ 8" VERT. OUTLET



T2- TRENCH PROFILE

NEW ZURN Z-874-12 DRAIN SYSTEM
W/ ADA GRATE (4 SECTIONS) OF 1201P THRU 1204P
CUT TO FIT IN FIELD W/ 8" HORZ. OUTLET



SPECIFYING ENGINEER IS RESPONSIBLE FOR CONCRETE ENCASEMENT AND REINFORCING BASED UPON APPLICATION AND LOCAL CODES

NEW ZURN Z-874-12 DRAIN SYSTEM
W/ ADA GRATE (5 SECTIONS) OF 1201P
THRU 1205P W/ 8" HORZ. OUTLET

CLIENT:
ALT PENSACOLA INC.
Abu Mrid
757 Beal Parkway NW
Fort Walton Beach, FL 32447
Phone No. 775-841-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
engineering • environment • construction
1055 KATHLEEN ROAD, LAKELAND, FL 33805
Phone: (853) 546-9133
2151 W. HILLSBORO BOULEVARD, SUITE 101
DEERFIELD BEACH, FL 33442
Phone: (954) 421-0776
FL, CA, #4850

NO.	DATE	REVISION	COMMENTS
01/02/24		REVISED PER FDOT COMMENTS	

This item has been digitally signed and sealed by Daimian D. Leslie, P.E., or his authorized representative. Printed copies of this document are considered signed and sealed and the signature must be verified on any electronic copies.

DAIMIAN D. LESLIE, P.E.
FL REG #73

**6,622 SQ. FT.
BUILDING**

SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DAVENPORT
PENSACOLA, FLORIDA

SCALE: AS NOTED	MDM
DATE: 05-04-2021	
DESIGNED BY:	
DRAWN BY: DDB/SLO	FILE NO.
CHECKED BY:	18012CD11X17.DWG

DRAWING TITLE:
**DRAINAGE
DETAILS**

SHEET NO.:
C2.3



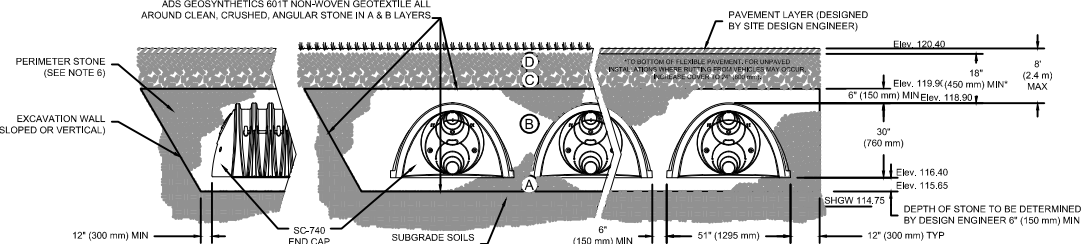
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ISSUED FOR BID 0308/2024

ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 CHAMBER SYSTEMS

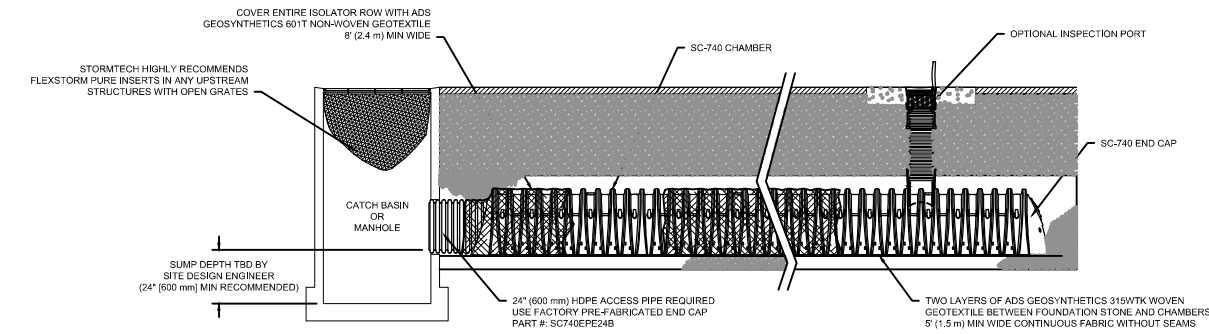
MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE (B LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	AASHTO M145 ¹ A-1, A-2-4, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 87, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2,3}

PLEASE NOTE:
 1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
 2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTIONED IN 6" (150 mm) MAX LIFTS USING TWO FULL COVERS WITH A VIBRATORY COMPACTOR.
 3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.



NOTES:

- SC-740 CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS", OR ASTM F2922 "STANDARD SPECIFICATION FOR POLYETHYLENE (PE) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- SC-740 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS.
- THE "SITE DESIGN ENGINEER" REFERS TO THE ENGINEER RESPONSIBLE FOR THE DESIGN AND LAYOUT OF THE STORMTECH CHAMBERS FOR THIS PROJECT.
- THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



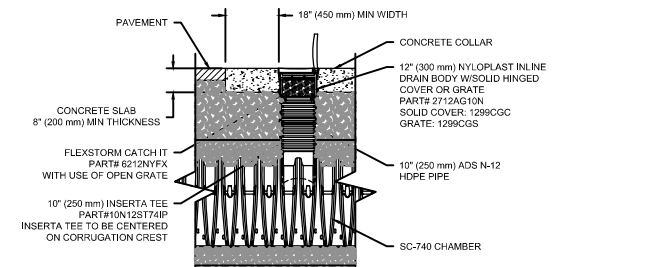
SC-740 ISOLATOR ROW DETAIL
NTS

INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT
- INSPECTION PORTS (IF PRESENT)
 - REMOVE/OPEN LID ON NYLOPLAST IN-LINE DRAIN
 - REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 - IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2, IF NOT, PROCEED TO STEP 3.
 - ALL ISOLATOR ROWS
 - REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW
 - USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE
 - MIRRORS OR POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 - IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2, IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW USING THE JETVAC PROCESS
- A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED
 - APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
 - VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

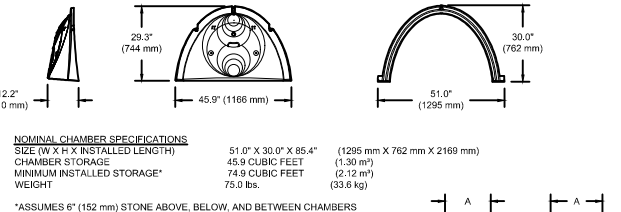
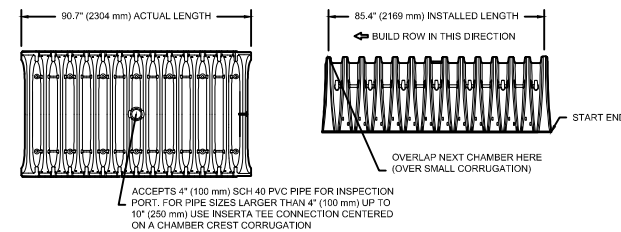
- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.



SC-740 INSPECTION PORT DETAIL
NTS

STORMTECH GENERAL NOTES

- STORMTECH LLC ("STORMTECH") REQUIRES INSTALLING CONTRACTORS TO USE AND UNDERSTAND STORMTECH'S LATEST MC-3500 INSTALLATION INSTRUCTIONS PRIOR TO BEGINNING SYSTEM INSTALLATION.
- STORMTECH OFFERS INSTALLATION CONSULTATIONS TO INSTALLING CONTRACTORS. CONTACT OUR TECHNICAL SERVICE DEPARTMENT OR LOCAL STORMTECH REPRESENTATIVE AT LEAST 30 DAYS PRIOR TO SYSTEM INSTALLATION TO ARRANGE A PRE-INSTALLATION CONSULTATION. OUR REPRESENTATIVES CAN THEN ANSWER QUESTIONS OR ADDRESS COMMENTS ON THE STORMTECH CHAMBER SYSTEM AND INFORM THE INSTALLING CONTRACTOR OF THE MINIMUM INSTALLATION REQUIREMENTS BEFORE BEGINNING THE SYSTEM'S CONSTRUCTION. CALL 860-529-8188 TO SPEAK TO A TECHNICAL SERVICE REPRESENTATIVE OR VISIT WWW.STORMTECH.COM TO RECEIVE A COPY OF OUR INSTALLATION INSTRUCTIONS.
- STORMTECH REQUIREMENTS FOR SYSTEMS WITH PAVEMENT DESIGN (ASPHALT, CONCRETE PAVERS, ETC.): MINIMUM COVER IS 24" (610 mm) NOT INCLUDING PAVEMENT; MAXIMUM COVER IS 6.5' (1.98 m) INCLUDING PAVEMENT. FOR INSTALLATIONS THAT DO NOT INCLUDE PAVEMENT, WHERE RUTTING FROM VEHICLES MAY OCCUR, MINIMUM REQUIRED COVER IS 30" (762 mm). MAXIMUM COVER IS 6.5' (1.98 m).
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH THE BEARING CAPACITY OF THE CHAMBER FOUNDATION MATERIALS TO THE DESIGN ENGINEER.
- AASHTO M288 CLASS 2 NON-WOVEN GEOTEXTILE (FILTER FABRIC) MUST BE USED AS INDICATED IN THE PROJECT PLANS.
- STONE PLACEMENT BETWEEN CHAMBERS ROWS AND AROUND PERIMETER MUST FOLLOW INSTRUCTIONS AS INDICATED IN THE MOST CURRENT VERSION OF STORMTECH MC-3500 CONSTRUCTION GUIDE.
- BACKFILLING OVER THE CHAMBERS MUST FOLLOW REQUIREMENTS AS INDICATED IN THE MOST CURRENT VERSION OF STORMTECH MC-3500 INSTALLATION INSTRUCTIONS.
- THE CONTRACTOR MUST REFER TO STORMTECH MC-3500 CONSTRUCTION GUIDE FOR A TABLE OF ACCEPTABLE VEHICLE LOADS AT VARIOUS DEPTHS OF COVER. THIS INFORMATION IS ALSO AVAILABLE ON THE STORMTECH WEBSITE: WWW.STORMTECH.COM. THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING VEHICLES THAT EXCEED STORMTECH REQUIREMENTS FROM TRAVELING ACROSS OR PARKING OVER THE STORMWATER SYSTEM. TEMPORARY FENCING, WARNING TAPE AND APPROPRIATELY LOCATED SIGNS ARE COMMONLY USED TO PREVENT UNAUTHORIZED VEHICLES FROM ENTERING SENSITIVE CONSTRUCTION AREAS.
- THE CONTRACTOR MUST APPLY EROSION AND SEDIMENT CONTROL MEASURES TO PROTECT THE STORMWATER SYSTEM DURING ALL PHASES OF SITE CONSTRUCTION PER LOCAL CODES AND DESIGN ENGINEER'S SPECIFICATIONS.
- STORMTECH PRODUCT WARRANTY IS LIMITED. CONTACT STORMTECH FOR WARRANTY INFORMATION.

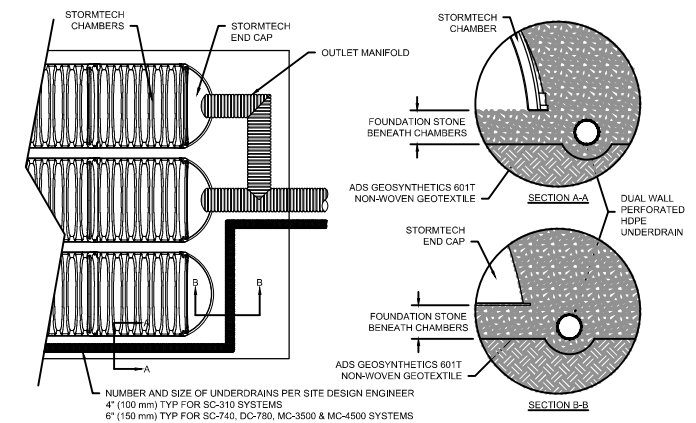


STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"

PART #	STUB	A	B	C
SC740EP06T / SC740EP06TPC	6" (150 mm)	10.9" (277 mm)	18.5" (470 mm)	---
SC740EP06B / SC740EP06BPC	---	---	---	0.5" (13 mm)
SC740EP08T / SC740EP08TPC	8" (200 mm)	12.2" (310 mm)	16.5" (419 mm)	---
SC740EP08B / SC740EP08BPC	---	---	---	0.6" (15 mm)
SC740EP10T / SC740EP10TPC	10" (250 mm)	13.4" (340 mm)	14.5" (368 mm)	---
SC740EP10B / SC740EP10BPC	---	---	---	0.7" (18 mm)
SC740EP12T / SC740EP12TPC	12" (300 mm)	14.7" (373 mm)	12.5" (318 mm)	---
SC740EP12B / SC740EP12BPC	---	---	---	1.2" (30 mm)
SC740EP15T / SC740EP15TPC	15" (375 mm)	18.4" (467 mm)	9.0" (229 mm)	---
SC740EP15B / SC740EP15BPC	---	---	---	1.3" (33 mm)
SC740EP18T / SC740EP18TPC	18" (450 mm)	19.7" (500 mm)	5.0" (127 mm)	---
SC740EP18B / SC740EP18BPC	---	---	---	1.8" (44 mm)
SC740EP24B*	24" (600 mm)	18.5" (470 mm)	---	0.1" (3 mm)

ALL STUBS, EXCEPT FOR THE SC740EP24B ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-892-2694.
 * FOR THE SC740EP24B THE 24" (600 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 1.75" (44 mm). BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.
 NOTE: ALL DIMENSIONS ARE NOMINAL.

SC-740 TECHNICAL SPECIFICATIONS



UNDERDRAIN DETAIL
NTS



Know what's below.
Call before you dig.

StormTech
 Subsurface Stormwater Management
 70 INWOOD ROAD, SUITE 3 | ROCKY HILL, CT 06067
 PHONE: 866-892-2694 | FAX: 866-328-8401
 WWW.STORMTECH.COM



ADVANCED DRAINAGE SYSTEMS, INC.

CLIENT:
ALT PENSACOLA INC.
 Abu Mridha
 757 Beal Parkway NW
 Fort Walton Beach, FL 32447
 Phone No. 775-892-1271

DESIGN TEAM TITLE:
MDM SERVICES, INC.
 engineering • environment • construction
 1055 KATHLEEN ROAD, LAKELAND, FL 33805
 Phone: (853) 546-9130
 2151 W. HILLSBORO BOULEVARD, SUITE 101
 DEERFIELD BEACH, FL 33442
 Phone: (954) 420-0776
 FL, CA, #4850

NO.	DATE	REVISIONS	PER	COMMENTS
01/02/24		REVISED	PER	DDOT

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DAIMIAN D. LESLIE, P.E.
FL REG #73

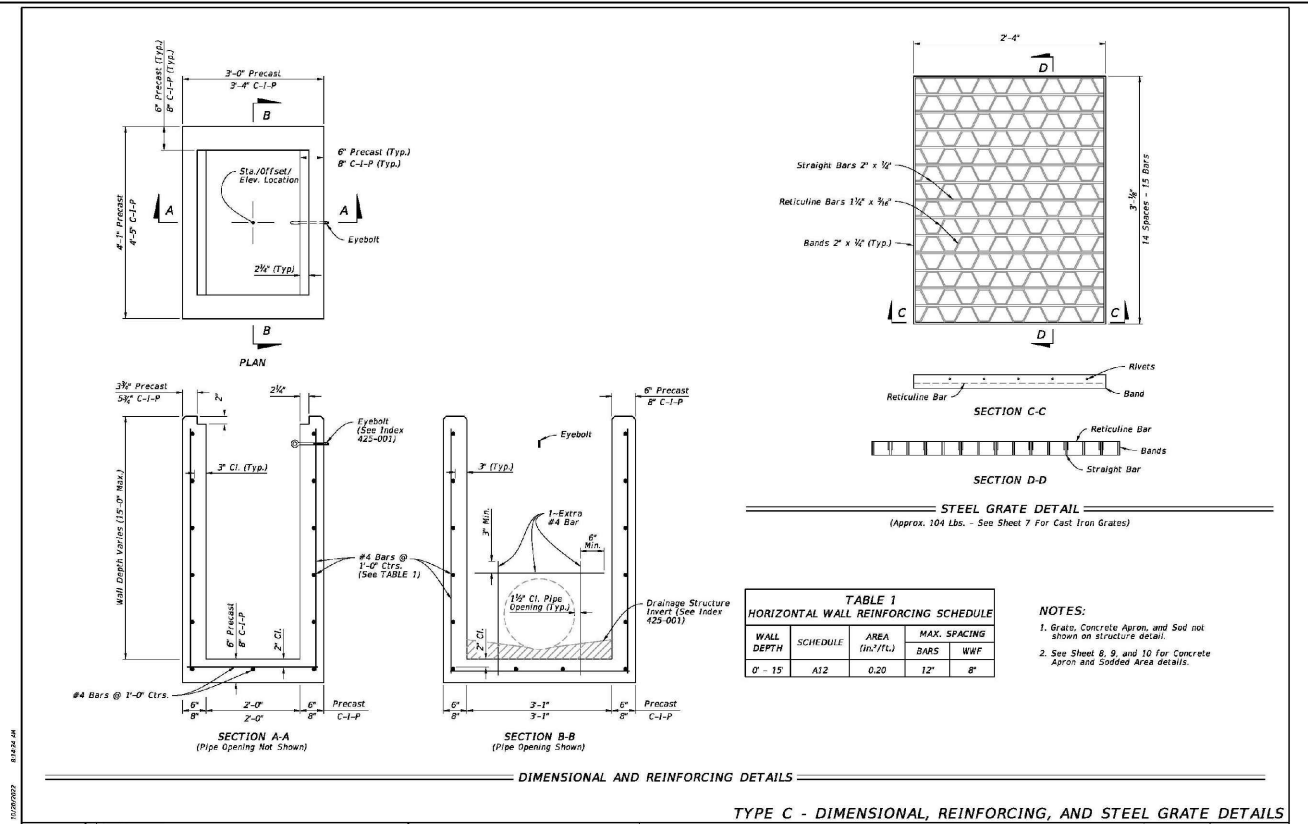
6,622 SQ. FT.
BUILDING

SITE DESIGNATIONS:
CONVENIENCE STORE
 7822 NORTH DAVENPORT
 PENSACOLA, FLORIDA

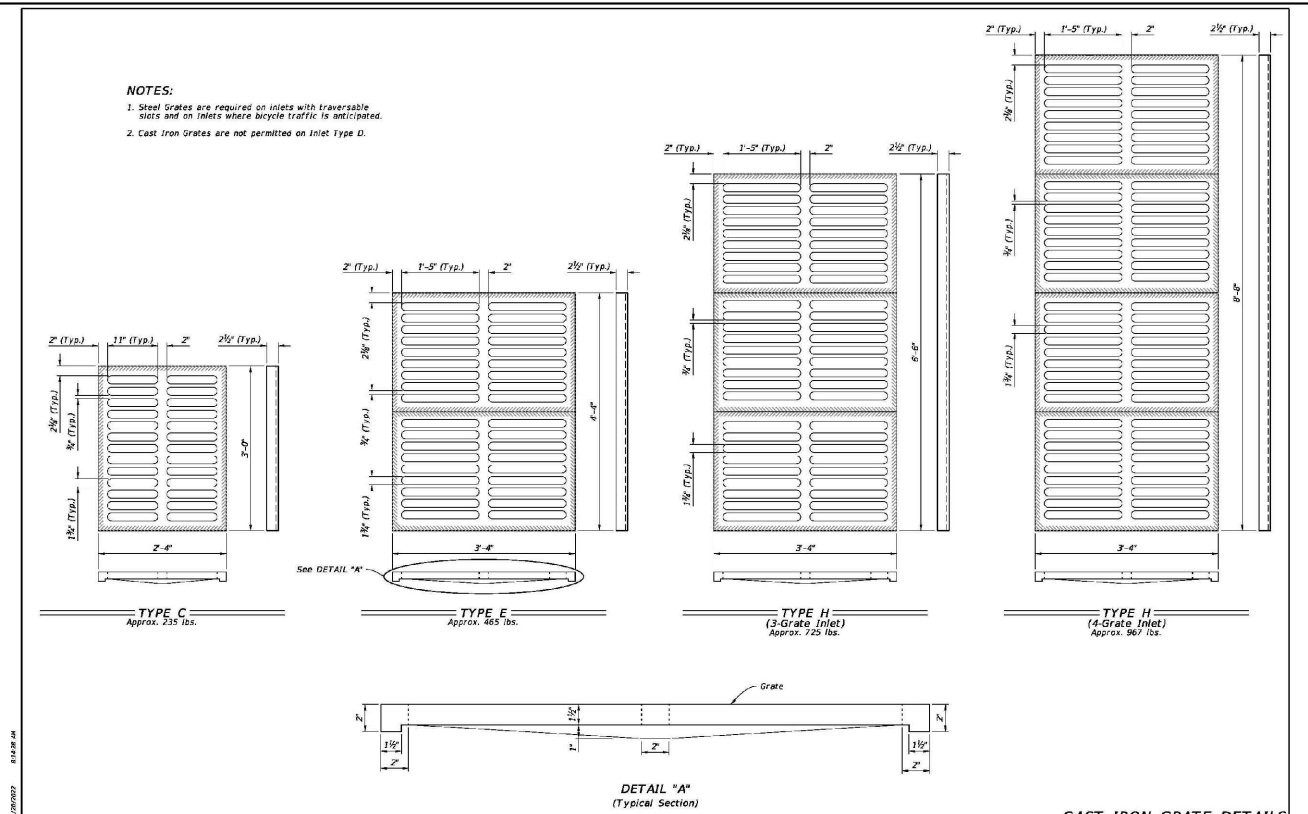
SCALE: AS NOTED
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 DRAWN BY: DDB/SLO
 CHECKED BY: 18012CD11X17.DWG

DRAWING TITLE:
DRAINAGE DETAILS
 SHEET NO.:
C2.4

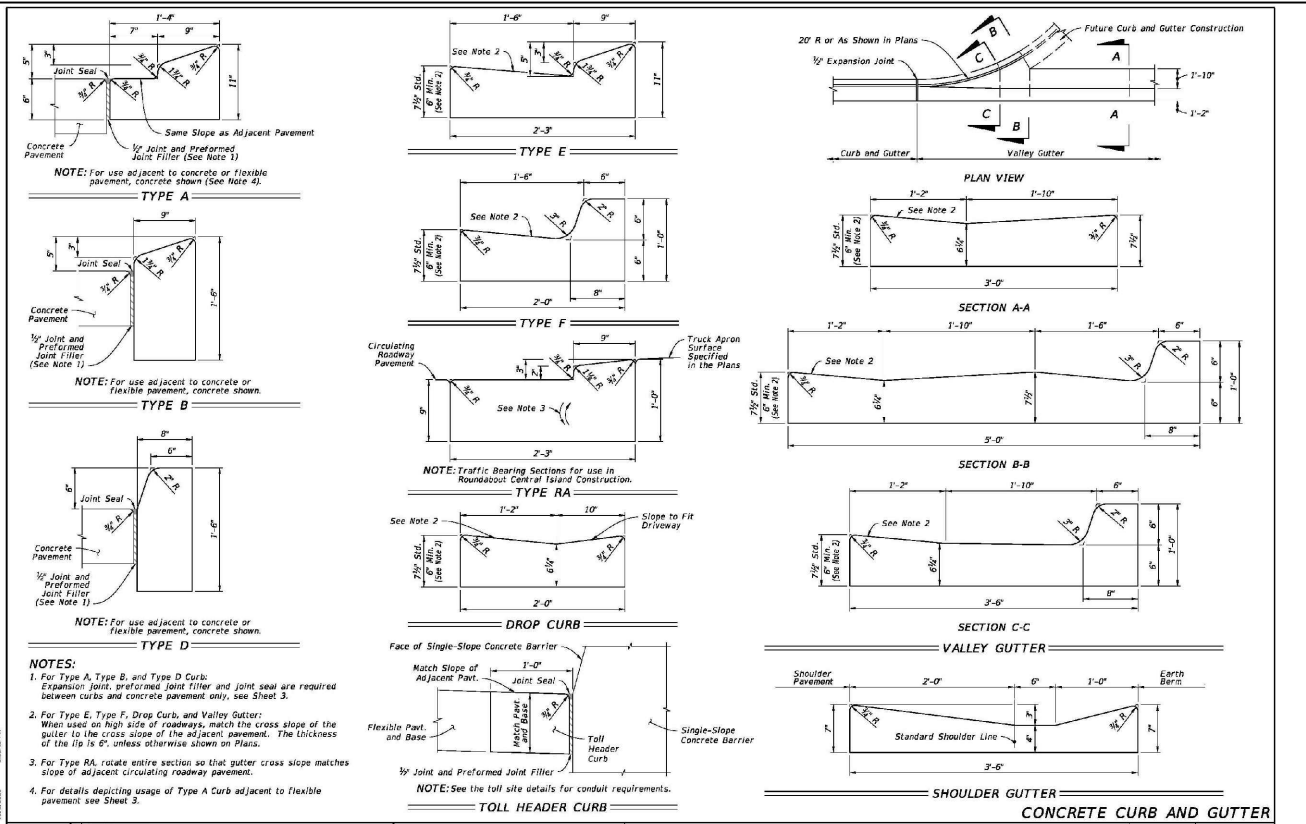
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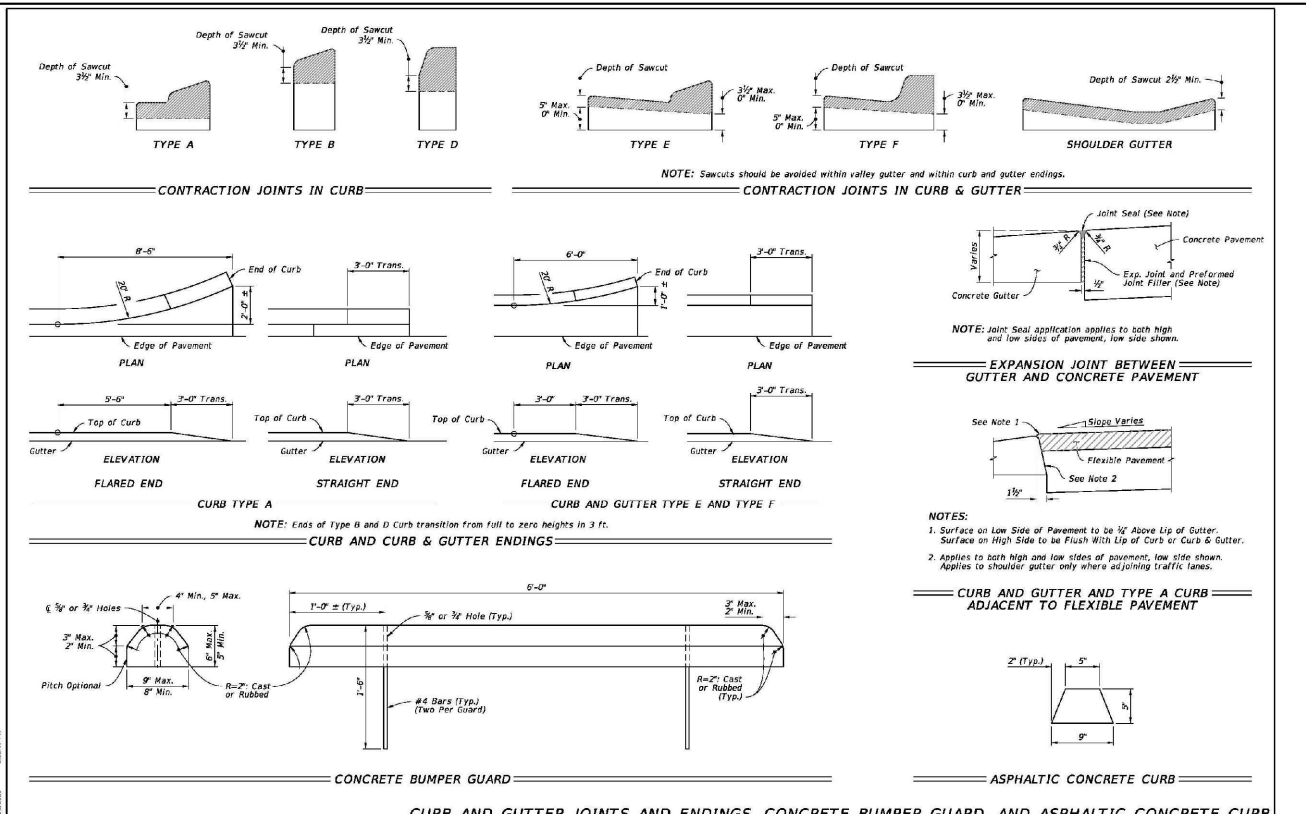
TYPE C - DIMENSIONAL, REINFORCING, AND STEEL GRATE DETAILS
 DITCH BOTTOM INLET TYPES C, D, E, AND H
 INDEX SHEET 425-052 2 of 14



CAST IRON GRATE DETAILS
 DITCH BOTTOM INLET TYPES C, D, E, AND H
 INDEX SHEET 425-052 7 of 14



CURB AND GUTTER
 INDEX SHEET 520-001 2 of 3



CURB AND GUTTER JOINTS AND ENDINGS, CONCRETE BUMPER GUARD, AND ASPHALTIC CONCRETE CURB
 INDEX SHEET 520-001 3 of 3

FOR INFORMATIONAL PURPOSES. REFER TO THE INDICES FOR ALL THE ADDITIONAL DETAILS AND NOTES

CLIENT:
ALT PENSACOLA INC.
 Abu Mrid
 757 Beal Parkway NW
 Fort Walton Beach, FL 32447
 Phone No. 775-811-1271

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DAIMIAN D. LESLIE, P.E.
 FL REG #73
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SITE DESIGNATIONS:
CONVENIENCE STORE
7822 NORTH DAVENPORT
PENSACOLA, FLORIDA

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FDOT DRAWING AND CURB DETAILS
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