

A horizontal scale bar labeled "SCALE IN FEET" at the top. Below the label, the bar has three major tick marks labeled "0", "500", and "1000". The bar is divided into segments by these tick marks, with the segments between 0 and 500, and 500 and 1000 being equal in length.

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.
9. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW AS-BUILT CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.
10. 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.
11. CONTRACTOR SHALL OBTAIN BUILDING INSPECTION DEPARTMENT PERMIT(S) FOR ANY RETAINING WALL HIGHER THAN 2 FEET.\*
12. NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN RW; 1-800-432-4770.
13. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL AS-BUILT SIGN OFF FROM THE COUNTY.\*
14. THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHTS-OF-WAY.\*
15. FDOT 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.

AC	ACRE	CJ	CONTROL JUNCTION	EQF	EMERGENCY OVERFLOW	GPM	GALLONS PER MINUTE	JBOX	JUNCTION BOX	OCEW	ON CENTER EACH WAY	REM	REMOVE
ADA	AMERICANS WITH DISABILITIES ACT	CL	CENTERLINE	EQV	EQUAL	GV	GATE VALVE	JOINT	JOINT	OH	OVERHEAD	ROW	RIGHT OF WAY
ADD	ADDENDUM	CMP	CORRUGATED METAL PIPE	EX	EXISTING	HDPE	HIGH DENSITY POLYETHYLENE	L	LINEAR FEET	OHD	OVERHEAD DOOR	R/W	RIGHT OF WAY
AFF	ABOVE FINISHED FLOOR	CO	CLEANOUT	FDC	FIRE DEPARTMENT CONNECTION	HD	HEAVY DUTY	LP	LINEAR FEET	OZ	OUNCE	SAN	SANITARY
AGG	AGGREGATE	CONC	CONCRETE	FD	FIRE FOUNDATION	HH	HANDHOLE	LS	LOW PRESSURE STEAM	PE	PEDESTAL	SCH	SCHEDULE
APPROX	APPROXIMATE	CONST	CONSTRUCTION	FPE	FINISHED FLOOR ELEVATION	HORIZ	HORIZONTAL	LSO	LUMP SUM	PERF	PERFORATED	SF	SQUARE FOOT
ARCH	ARCHITECT, ARCHITECTURAL	CONT	CONTINUOUS	FFM	FEET PER MINUTE	HR	HOUR	LO	LOWEST STRUCTURAL OPENING	PL	PROPERTY LINE	SP	SPECIFICATION
BFE	BASEMENT FLOOR ELEVATION	CY	CUBIC YARD	FPS	FEET PER SECOND	HWL	HIGH WATER LEVEL	MAX	MAXIMUM	P	POLYPROPYLENE	SQ	SQUARE
BIT	BITUMINOUS	C&G	CURB AND GUTTER	FT	FOOT, FEET	HWY	HIGHWAY	MB	MAIL BOX	PSI	POUNDS PER SQUARE INCH	STA	STATION
CAD	COMPUTER-AIDED DESIGN	DEMO	DEMOLITION	FTG	FOOTING	HYD	HYDRANT	MECH	MECHANICAL	PVC	POLYVINYL CHLORIDE	SY	SQUARE YARD
CB	CATCH BASIN	DIA	DIAMETER	GAL	GALLON	I	INVERT	MH	MANHOLE	PVMT	PAVEMENT	T/C	TOP OF CURB
CF	CUBIC FEET PER SECOND	DM	DIMENSION	GALV	GALVANIZED	IN	INCH	MISC	MISCELLANEOUS	QTY	QUANTITY	TEL	TELEPHONE
CFS	CUBIC FEET	DS	DOWNSPOUT	GEN	GENERAL	INV	INVERT	NO	NUMBER	RAD	RADIUS	TEMP	TEMPERATURE
CI	CAST IRON	EA	EACH	GFL	GENERAL CONTRACTOR	IP	IRON PIPE	NLS	NOT TO SCALE	RCP	REINFORCED CONCRETE PIPE	THRU	THROUGH
CI	CAST IRON PIPE	ELEC	ELECTRICAL	GF	GARAGE FLOOR ELEVATION	IPS	IRON PIPE SIZE	NWS	NORMAL WATER LEVEL	RD	ROOF DRAIN	TNHF	TOP NUT OF FIRE HYDRANT
CIP	CAST IN PLACE CONCRETE	ELEV	ELEVATION	GGE	GUTTER LINE								

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 ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBERS 12033C0360G, MAP REVISION DATED SEPTEMBER 29, 2006.

- C-010 SITE DATA
- C-020 SITE DETAILS
- C-021 SITE DETAILS
- C-022 SITE DETAILS
- C-023 SITE DETAILS
- C-024 SITE DETAILS
- C-025 SITE DETAILS
- C-026 PYLON SIGN DETAIL
- C-110 SITE EROSION CONTROL PLAN
- C-120 SITE EROSION CONTROL DETAILS
- C-121 SITE EROSION CONTROL DETAILS
- C-122 SITE EROSION CONTROL NOTES
- C-210 EXISTING SITE & REMOVAL PLAN
- C-310 SITE PLAN
- C-320 SITE UTILITY PLAN
- C-410 SITE GRADING PLAN
- C-510 SITE RESTORATION & PLANTING PLAN
- C-520 SITE PLANTING NOTES & DETAILS
- C-610 SITE LIGHTING PHOTOMETRIC PLAN
- C-620 SIGHT LIGHTING CATALOGUE PAGES

Digitally signed  
by Andrew  
Brandel  
Date:  
2021.09.07  
13:16:28 -05'00

**B.M. ELEVATION=72.38'**  
CUT 'X' LOCATED IN SIDEWALK AT THE  
NE CORNER OF THE INTERSECTION  
OF MOBILE HWY AND EDISON DRIVE.



**MANAGING LOCATION:**  
**MINNEAPOLIS / ST. PAUL OFFICE**  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 55  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



**ALDI Inc.**  
2080 ALDI Blvd  
Mt. Juliet, TN 37122  
(615) 449-8840  
(615) 443-8595 fax

ALDI Inc. Store #: 156  
PENSACOLA, FLORIDA  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name &amp; Location:

## Drawing Name:

Type: V7.0 ER

ISG Project No.

21-25050

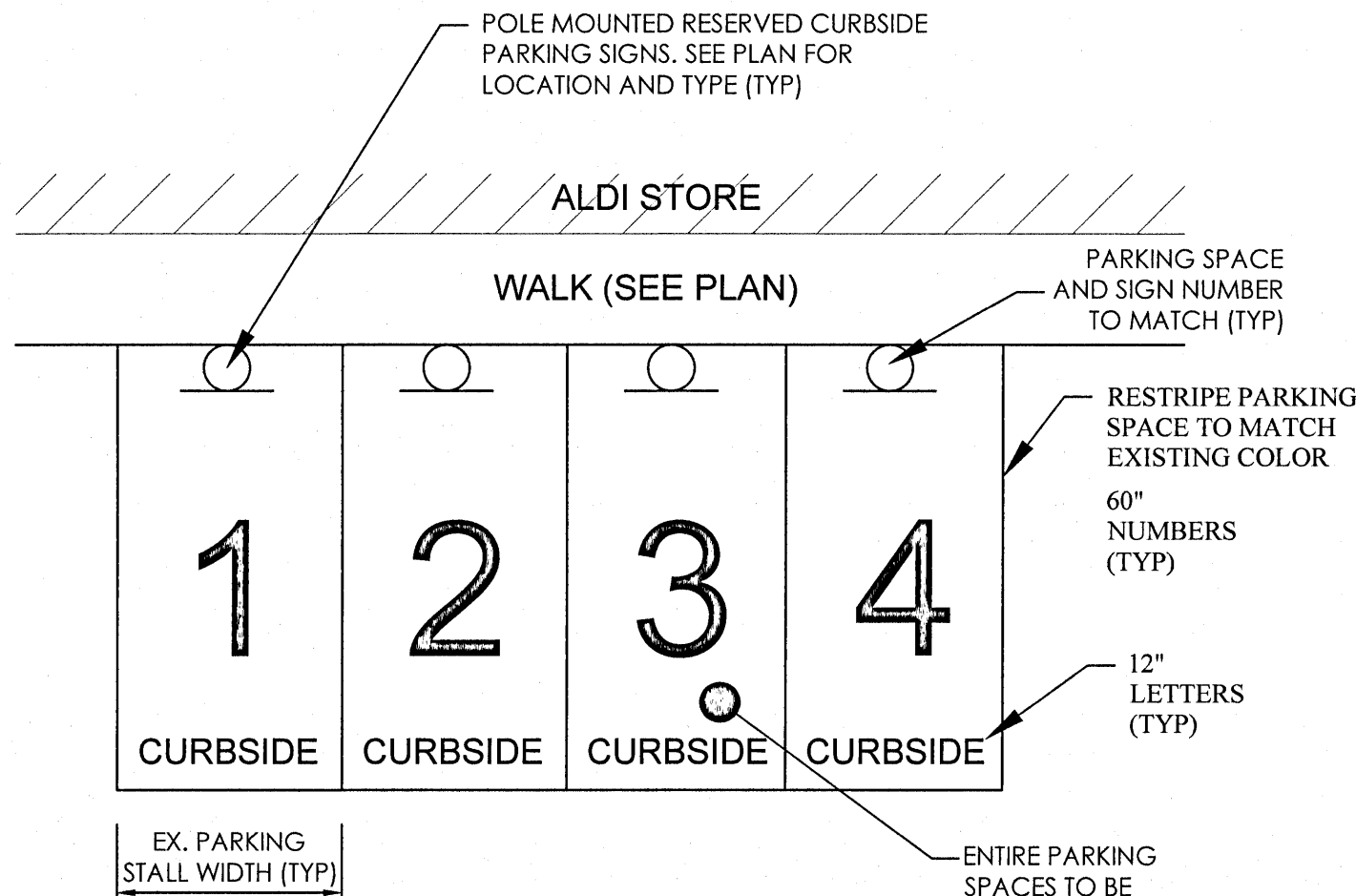
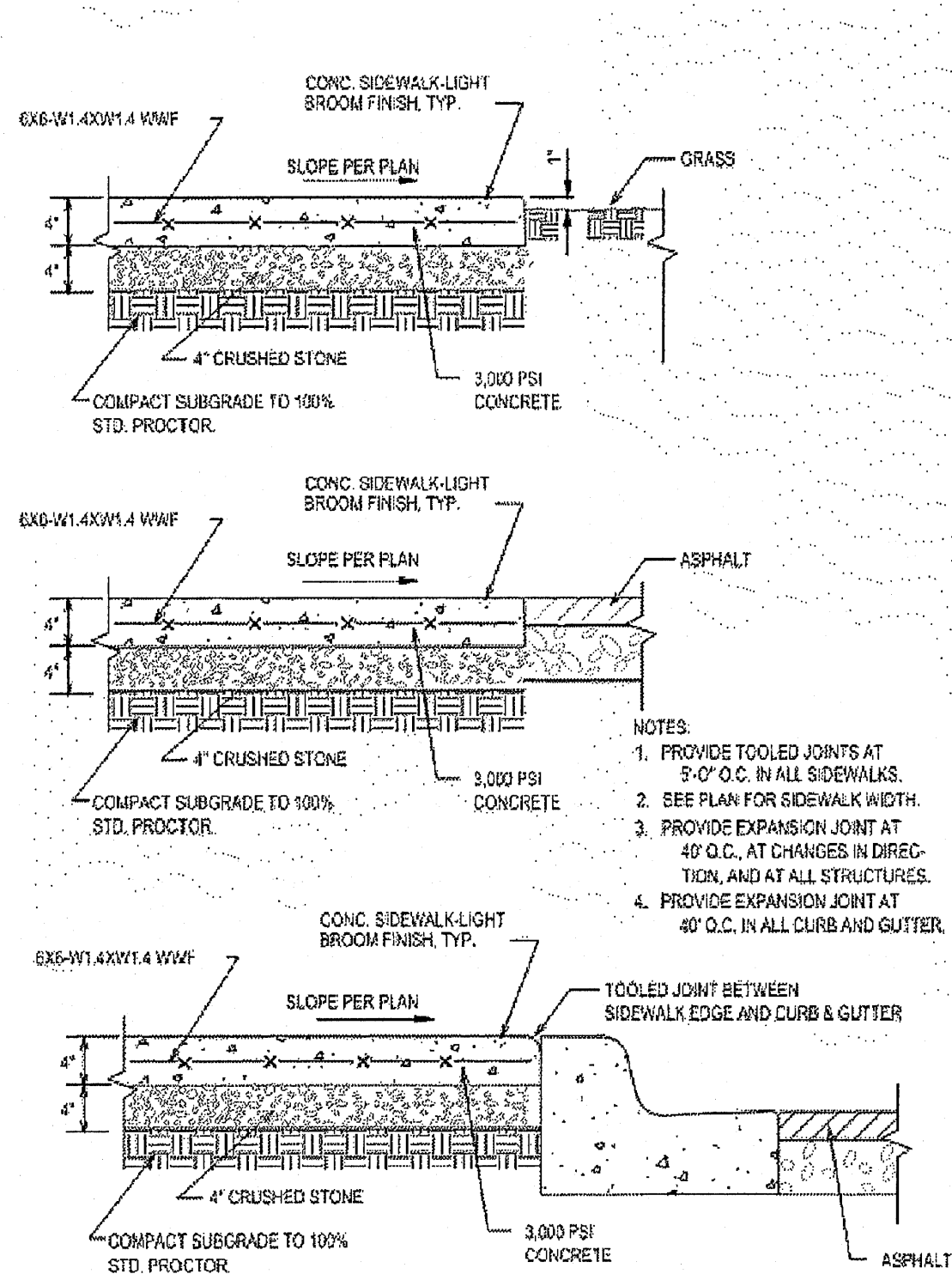
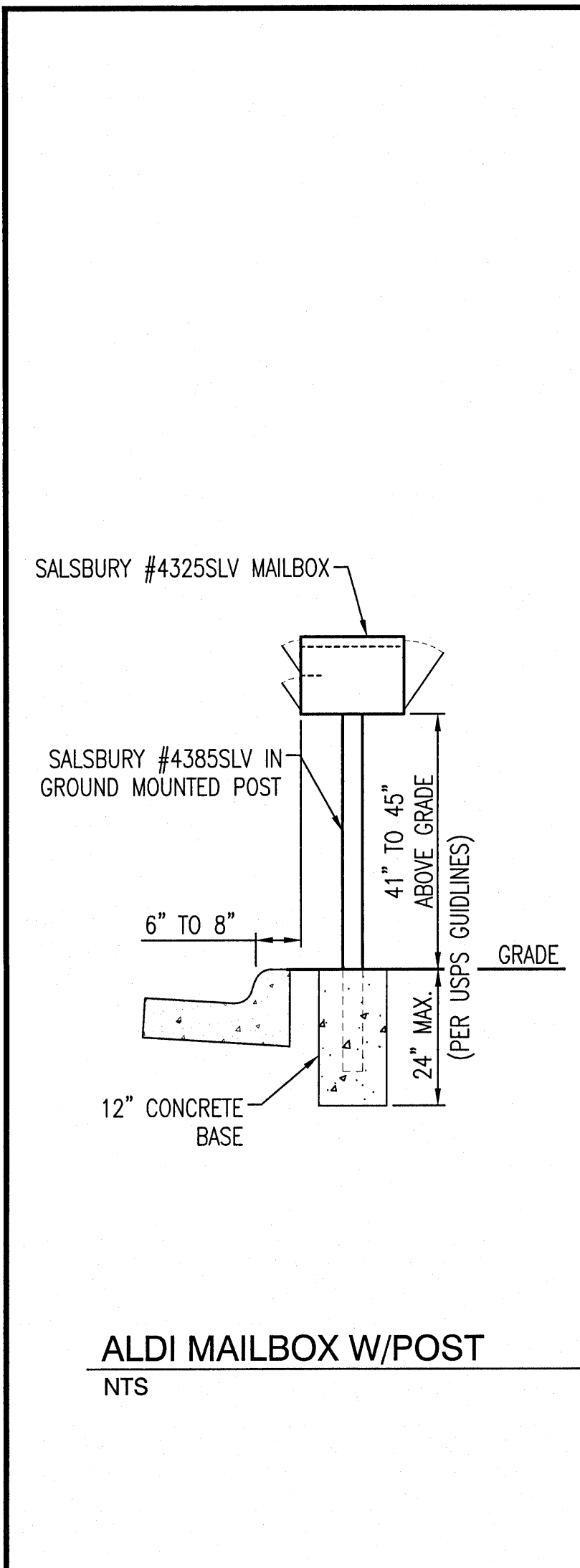
Drawn By: JMM

C-010

Reviewed By:

Drawing No

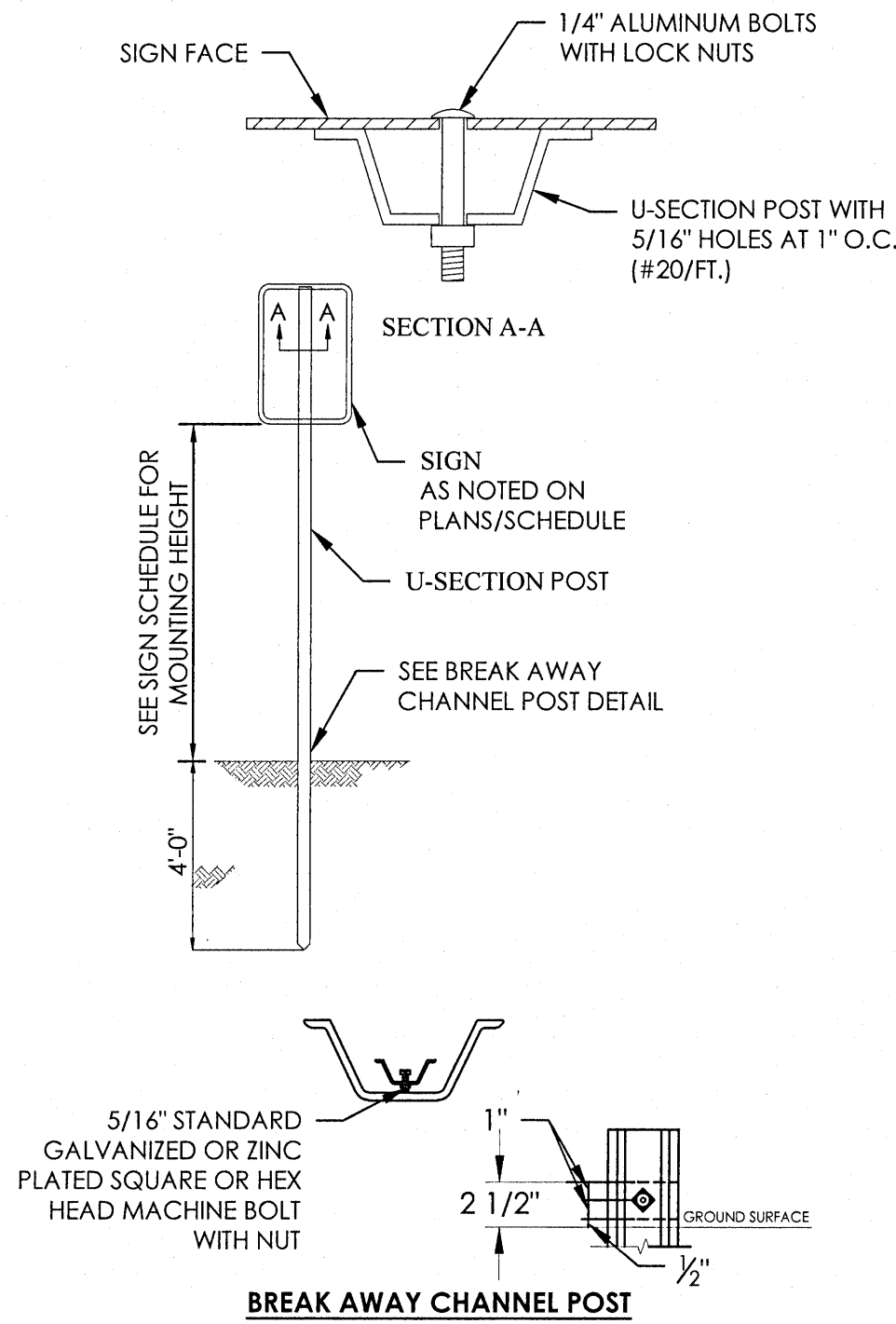




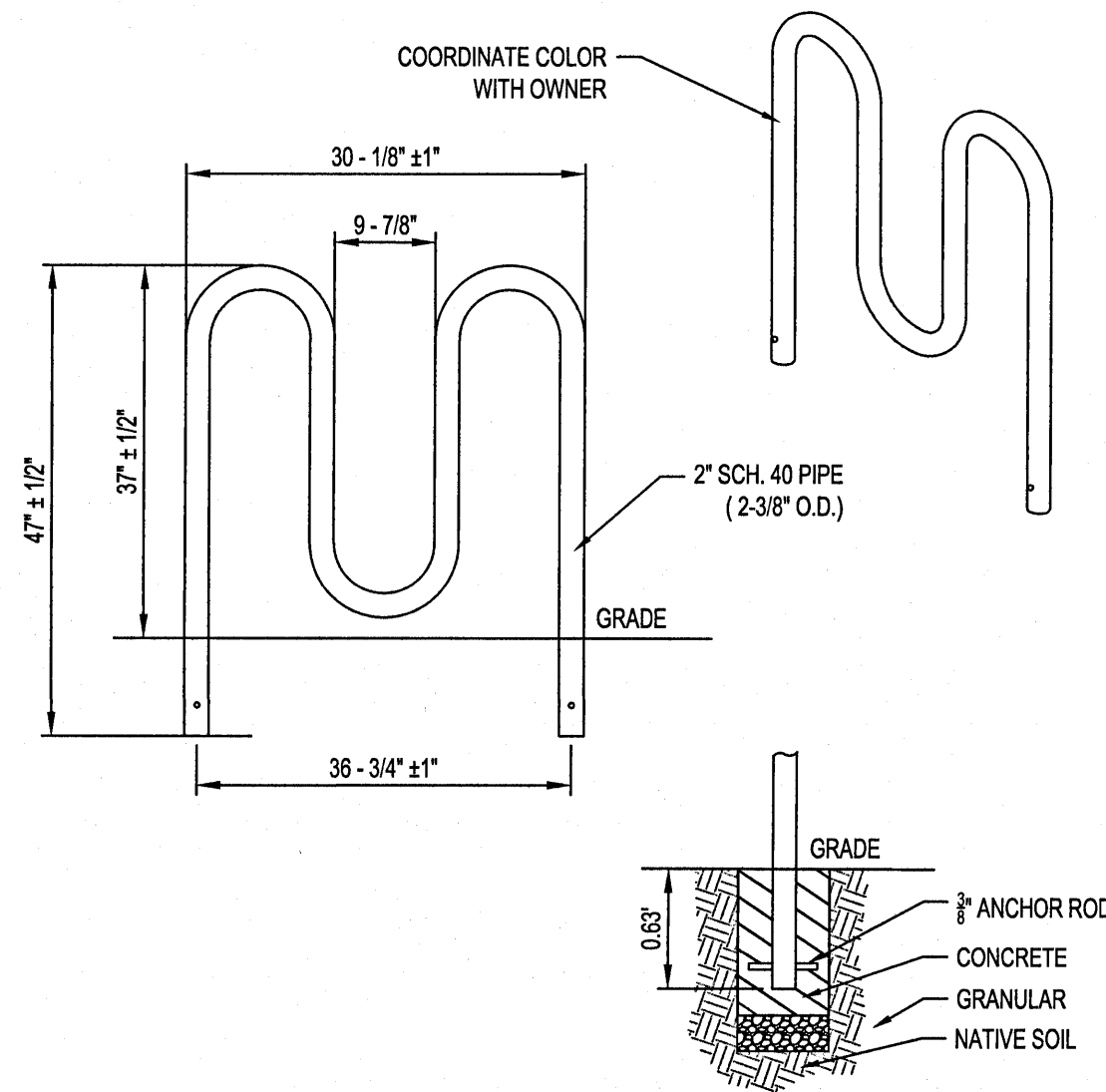
ALDI BLUE CUSTOM COLOR:  
CCE COLORANT OZ. 32 64 128  
L1-BLUE - 63 1 1  
R3-MAGENTA - 5 - 1  
Y3-DEEP GOLD - 1 1 -

-ARIAL BOLD FONT SHALL BE USED FOR NUMBERS AND LETTERS  
-PAINT SHALL BE SEALMASTERS 'COLOR PAVE' OR 'LIQUID THERMOPLASTIC'  
-TRAFFIC MARKING PAINT OR AS APPROVED BY ALDI GM. CONTACT ROCHESTER  
JET-BLACK, GARY ROSSBROOK, 585-441-4125 FOR ORDERING.  
-a. COLOR PAVE SHALL BE USED FOR NEW PAVEMENT  
-b. LIQUID THERMOPLASTIC SHALL BE USED FOR OLDER PAVEMENT THAT HAS  
BEEN SEALED WITH A COAL TAR SEALER.  
-SURFACE PREPARATION SHALL COMPLY WITH MANUFACTURERS REQUIREMENTS.  
-SIGNS, NUMBERS AND WORDING TO BE PLACED CENTERED

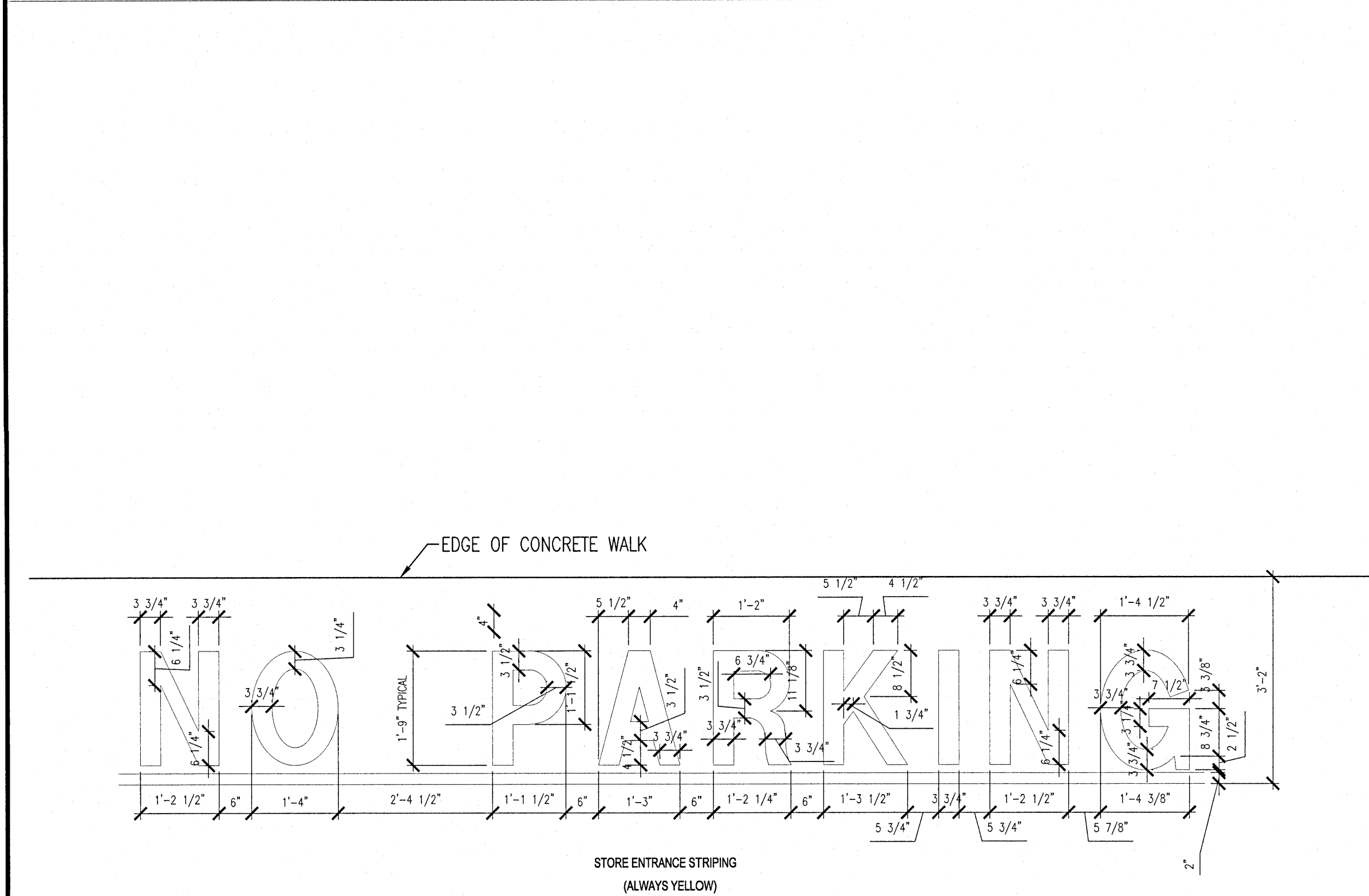
CURBSIDE PARKING DETAIL  
N.T.S.



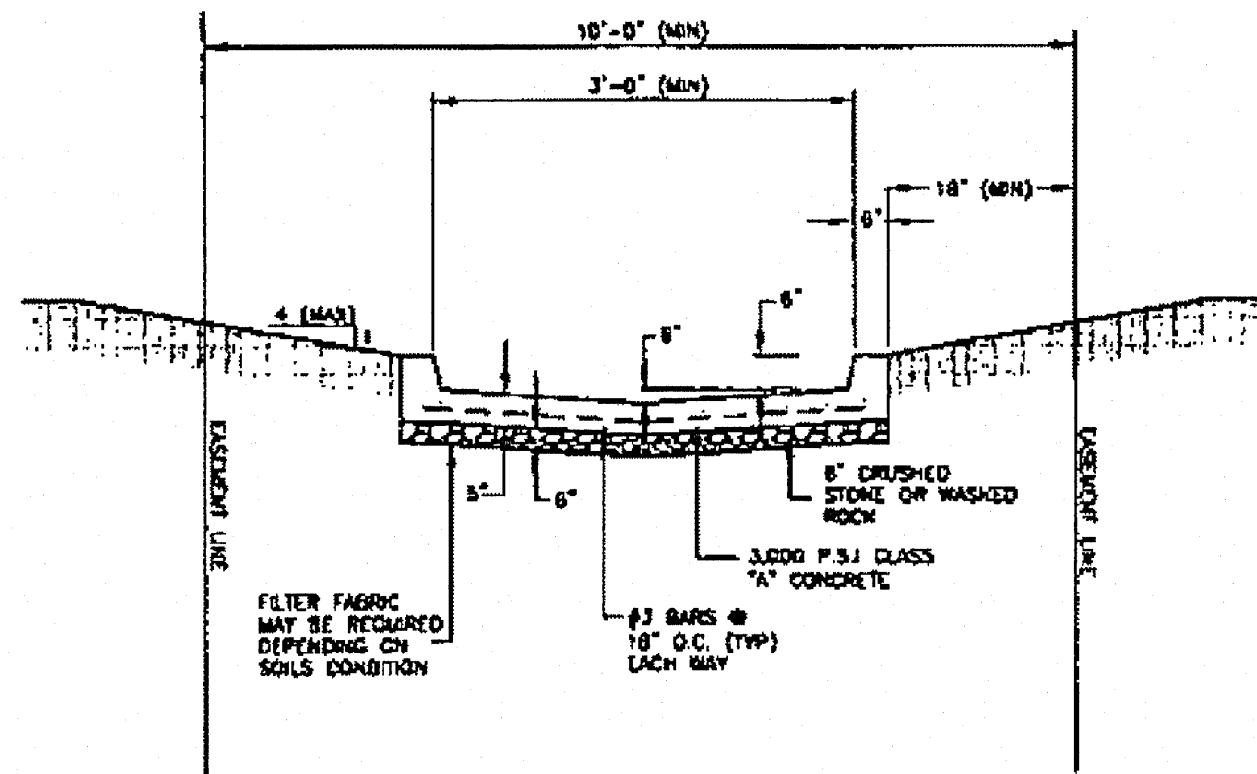
POST MOUNTED SIGN  
IN GRASS AREA  
N.T.S.



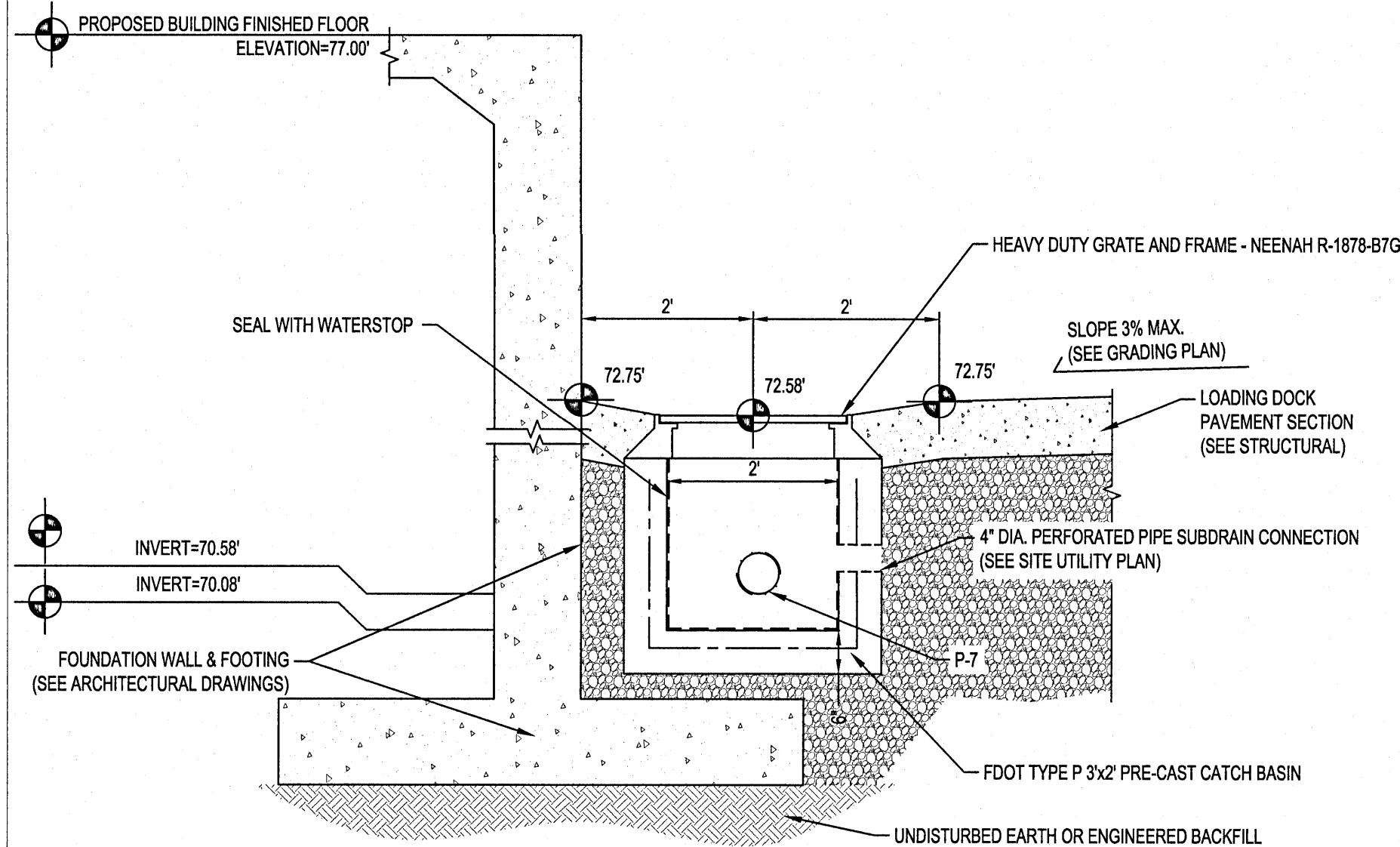
BIKE RACK  
(3 LOOPS, 5 BIKES)  
NTS



STORE ENTRANCE NO PARKING  
STRIPING DETAIL  
NTS



CONCRETE FLUME DETAIL  
N.T.S.



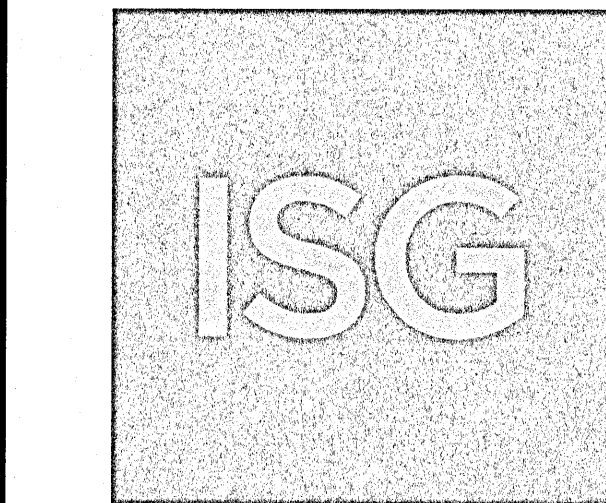
LOADING DOCK CATCH BASIN A-7 DETAIL  
N.T.S.

Issued:	Date:
A SITE PLAN REVIEW #1	05/18/21
B SITE PLAN REVIEW #2	06/24/21
C PERMIT/BID SET	07/28/21
D FOR CONSTRUCTION	09/10/21
E	
Revisions:	Date:
1	
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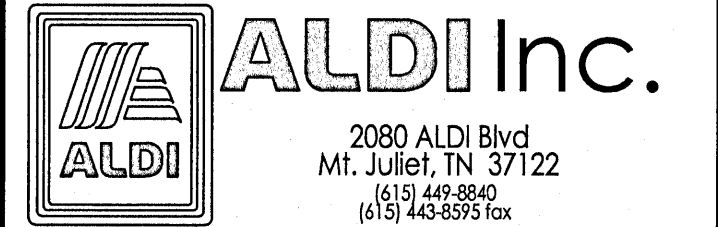
Digitally  
signed by  
Andrew  
Brandel  
Date:  
2021.09.03  
09:28:28 -05'00'

ANDREW T. BRANDL  
No. 85182  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

**B.M. ELEVATION=72.38'**  
CUT 'X' LOCATED IN SIDEWALK AT THE  
NE CORNER OF THE INTERSECTION  
OF MOBILE HWY AND EDISON DRIVE.



**MANAGING LOCATION:**  
**MINNEAPOLIS / ST. PAUL OFFICE**  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



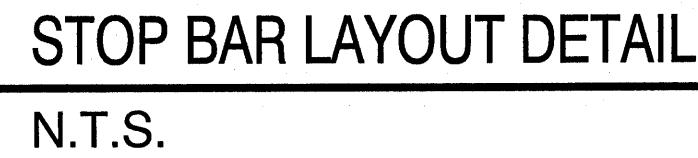
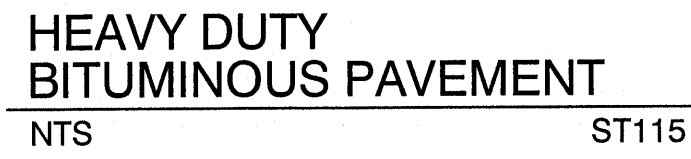
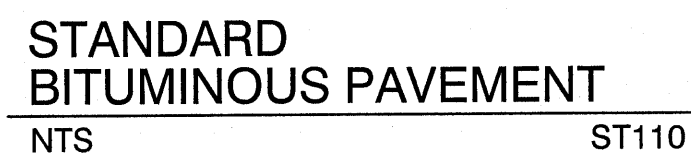
**ALDI Inc.** Store #: 156  
PENSACOLA, FLORIDA  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name & Location:

## SITE DETAILS

Drawing Name:	ISG Project No.
Type: V7.0 ER	21-25050
Drawn By: JMF	
Designed By: JMF	C-020
Reviewed By: RJA	Drawing No.

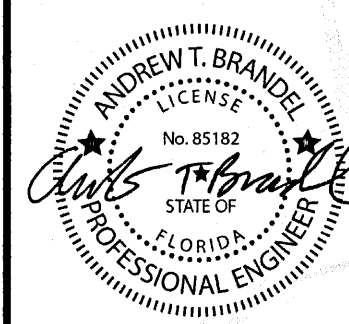




- ① LONGITUDINAL JOINT WHEN ADJACENT TO RIGID PAVEMENT OR BASE.
- ② SLOPE 0.06FT/FT NORMAL, UNLESS OTHERWISE SPECIFIED. IF A DIFFERENT GUTTER SLOPE IS PERMITTED, THE FORM MAY BE TILTED.

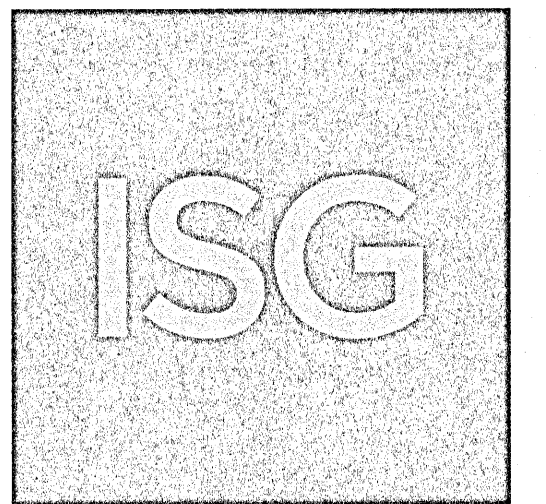
TYPE F  
CONCRETE CURB & GUTTER  
NTS

<b>Issued:</b>		<b>Date:</b>
A	SITE PLAN REVIEW #1	05/18/21
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<b>Revisions:</b>		<b>Date:</b>
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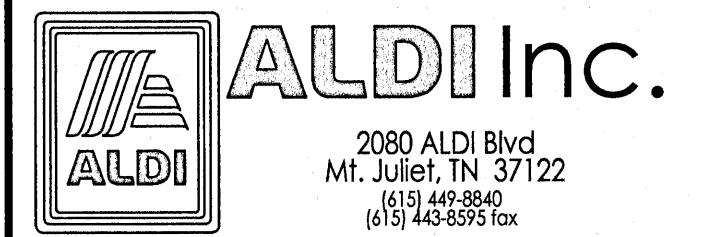


Digitally signed  
by Andrew  
Brandel  
Date:  
2021.09.03  
09:28:49 -05'00'

**B.M. ELEVATION=72.38'**  
CUT 'X' LOCATED IN SIDEWALK AT THE  
NE CORNER OF THE INTERSECTION  
OF MOBILE HWY AND EDISON DRIVE.



**MANAGING LOCATION:**  
**MINNEAPOLIS / ST. PAUL OFFICE**  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



ALDI Inc. Store #: 156  
PENSACOLA, FLORIDA  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY  
Project Name & Location:

Project Name & Location:

## SITE DETAILS

Drawing Name:

Type: V7.0 ER

Drawn By: JMF

Designed By: JMF

Reviewed By: **RJA**

ISG Project No.
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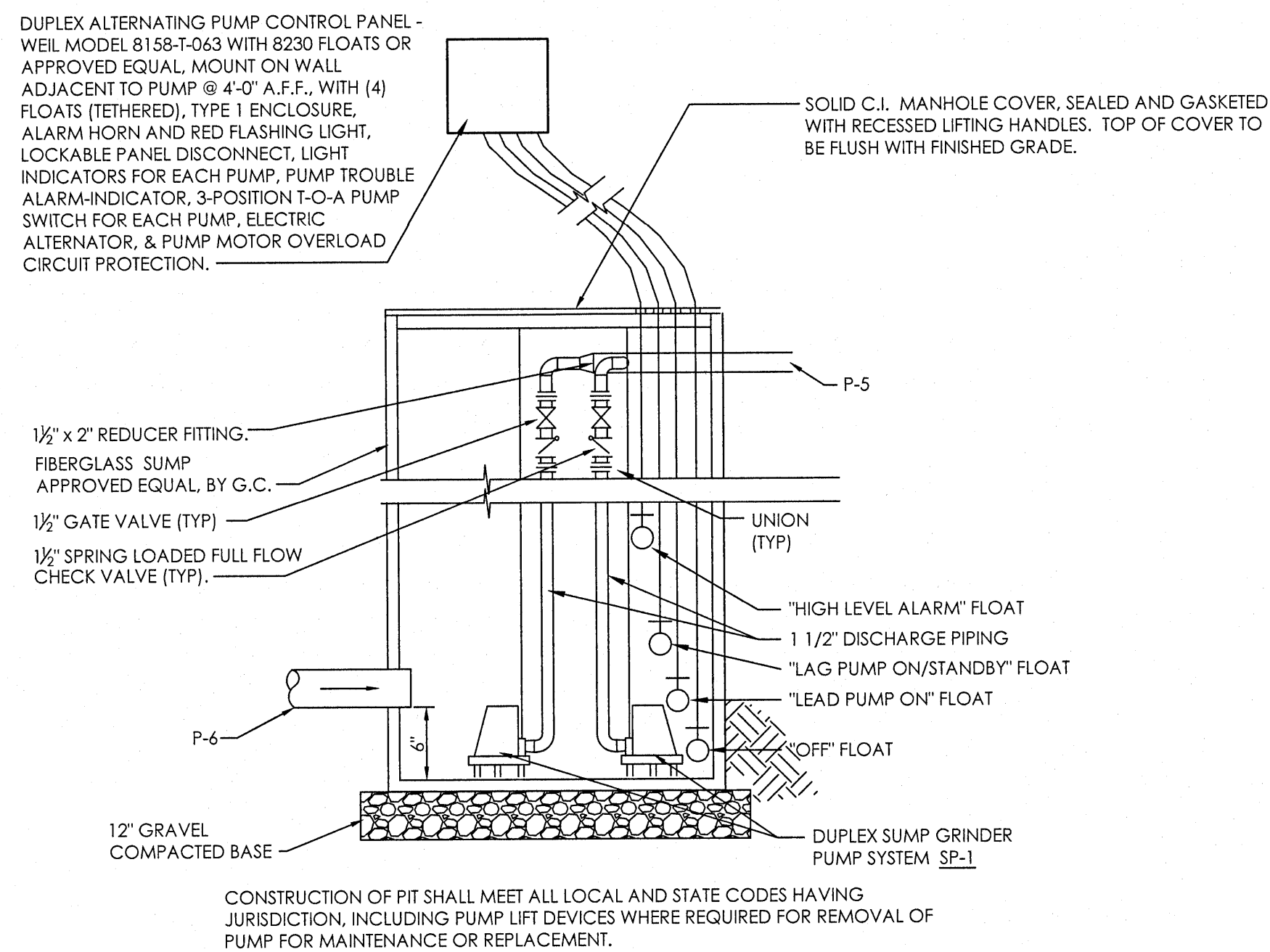
21-25050

F	C-021
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A	Drawing No.
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SP-1; DUPEX GRINDER SUMP PUMP SYSTEM - (2) LIBERTY SUBMERSIBLE SINGLE STAGE GRINDER PUMPS MODEL LSG203GM, EACH RATED AT 2 HP, 208/230V, 60 HZ, 3 PHASE, 10.6 FLA, AT 3450 RPM, EACH UNIT SHALL PRODUCE 40 GPM AT 34 FEET OF DYNAMIC HEAD. PUMPS SHALL INCLUDE 1/2" DISCHARGE CONNECTION, NEMA-4X INDOOR DUPLEX CONTROL PANEL WITH FOUR FLOAT SWITCHES AND HIGH WATER ALARM AND WITH INTEGRAL OVERLOAD PROTECTION, STAINLESS STEEL GUIDE RAIL SYSTEM TO ALLOW TYPING TO INSPECT PIPING TO INSURE CHECK VALVE DISCHARGE CONNECTION IS NOT OBSTRUCTED BY DEBRIS OR FLOW REVERSAL. THE PUMP SHALL BE SUPPLIED WITH A PVC SHUT-OFF BALL VALVE. PUMPS SHALL BE OF CLASS 25 CAST IRON CONSTRUCTION WITH OIL FILLED MOTOR HOUSING, BUNA-N MOLDED DOUBLE UPL SEALS AND O-RINGS, CAST STAINLESS STEEL IMPELLER AND 440 STAINLESS STEEL ROTARY CUTTER AND PLATE WITH (4) BLADES, 25-31 PHASE SEWAGE MULTICONDUCTOR CORD. PUMPS EXTERIOR CASTING SHALL BE PAINTED AND PROTECTED WITH POWDER COAT PAINT.

PUMP BASIN SHALL BE SUPPLIED BY G.C. AND SHALL BE 36 INCHES MINIMUM DIAMETER. DUPLEX PUMP CONTROL PANEL SHALL BE MOUNTED 48" MIN. ABOVE FINISHED FLOOR ON WALL NEAR SUMP.

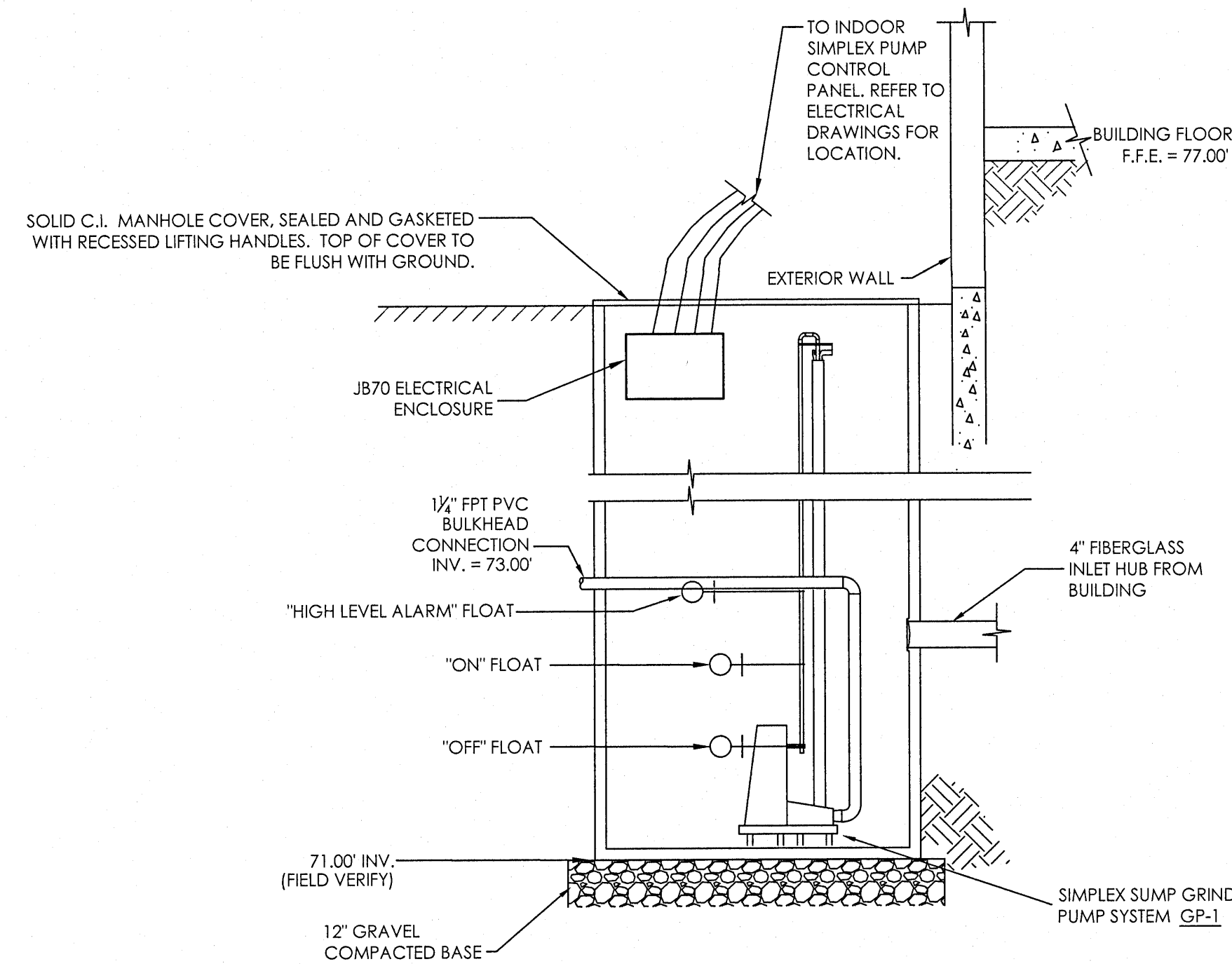


### SUMP PIT & PUMP A-5 DETAIL

N.T.S.

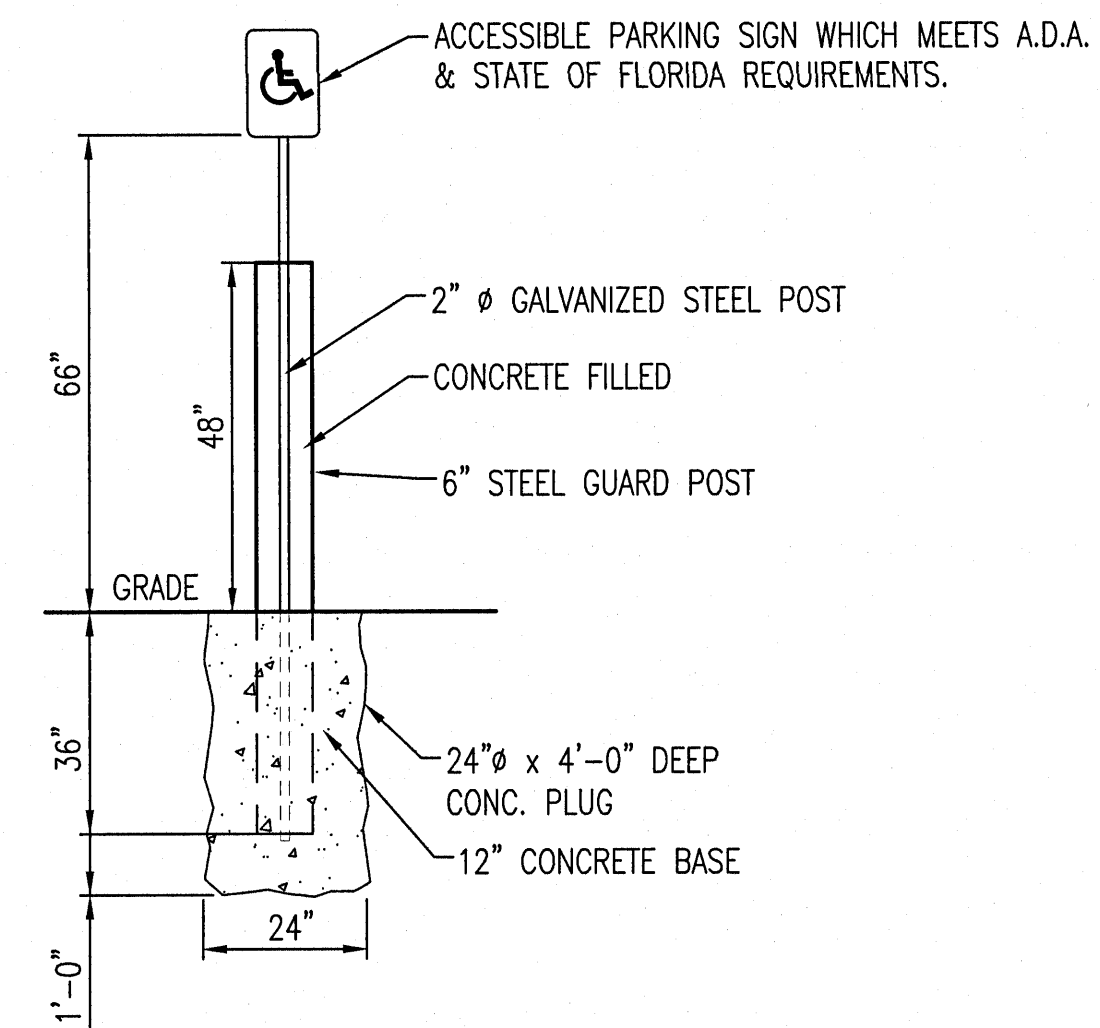
260-1: SIMPLEX GRINDER PUMP SYSTEM GP-1 SIMPLEX GRINDER PUMP SYSTEM - (1) LIBERTY SUBMERSIBLE SINGLE STAGE GRINDER PUMP MODEL GP-1500-2022, RATED AT 2 HP, 208/230/240 VHZ, 1 PHASE, 15 FLA, AT 3450 RPM. EACH UNIT SHALL PRODUCE 40 GPM AT 64 FEET OF DYNAMIC HEAD. PUMPS SHALL INCLUDE 11 1/4" DISCHARGE CONNECTION, NEMA-4X-INDOOR SIMPLEX CONTROL PANEL WITH THREE FLOAT SWITCHES AND HIGH WATER ALARM AND 1/2" NPT DISCHARGE CONNECTION. PUMPS SHALL BE PROVIDED WITH 1/2" NPT DISCHARGE CONNECTION, 1/2" NPT DISCHARGE CONNECTION, 1/2" NPT DISCHARGE CONNECTION, BALL CHECK VALVE, DISCHARGE PIPING TO BE SCHEDULE 80 PVC AND FURNISHED WITH A PUMP SHUT-OFF BALL VALVE. PUMP SHALL BE OF CLASS 25 CAST IRON CONSTRUCTION WITH OIL FILLED MOTOR HOUSING, Buna-N MOLDED DOWEL PIN SEALS AND O-RINGS, CAST STAINLESS STEEL IMPELLER AND 440 STAINLESS STEEL ROTARY CUTTER AND PLATE WITH 4 BLADES, 25 FT. 1-PHASE SEWAGE MULTICUT CONDUIT CORDLESS PUMP EXTERIOR CASTING SHALL BE PAINTED AND PROTECTED WITH AN EPOXY COAT PAINT.

260-2: PUMP BASIN SHALL BE SUPPLIED BY G.C. AND SHALL BE 26 INCHES MINIMUM DIAMETER. SIMPLEX PUMP CONTROL PANEL SHALL BE MOUNTED 48" MIN. ABOVE FINISHED FLOOR ON WALL NEAR BASIN.



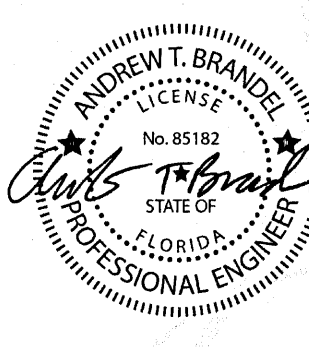
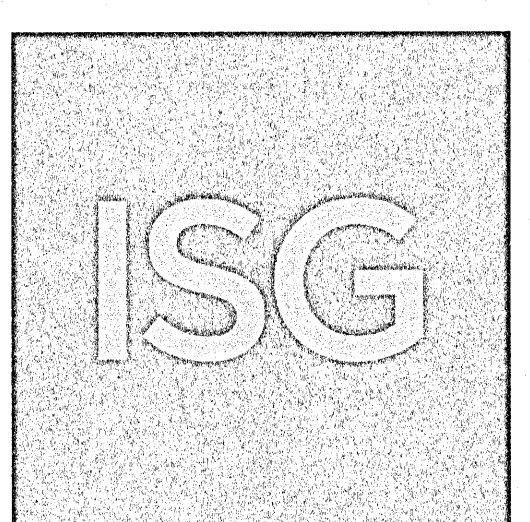

### SANITARY SUMP PIT & PUMP DETAIL

N.T.S.

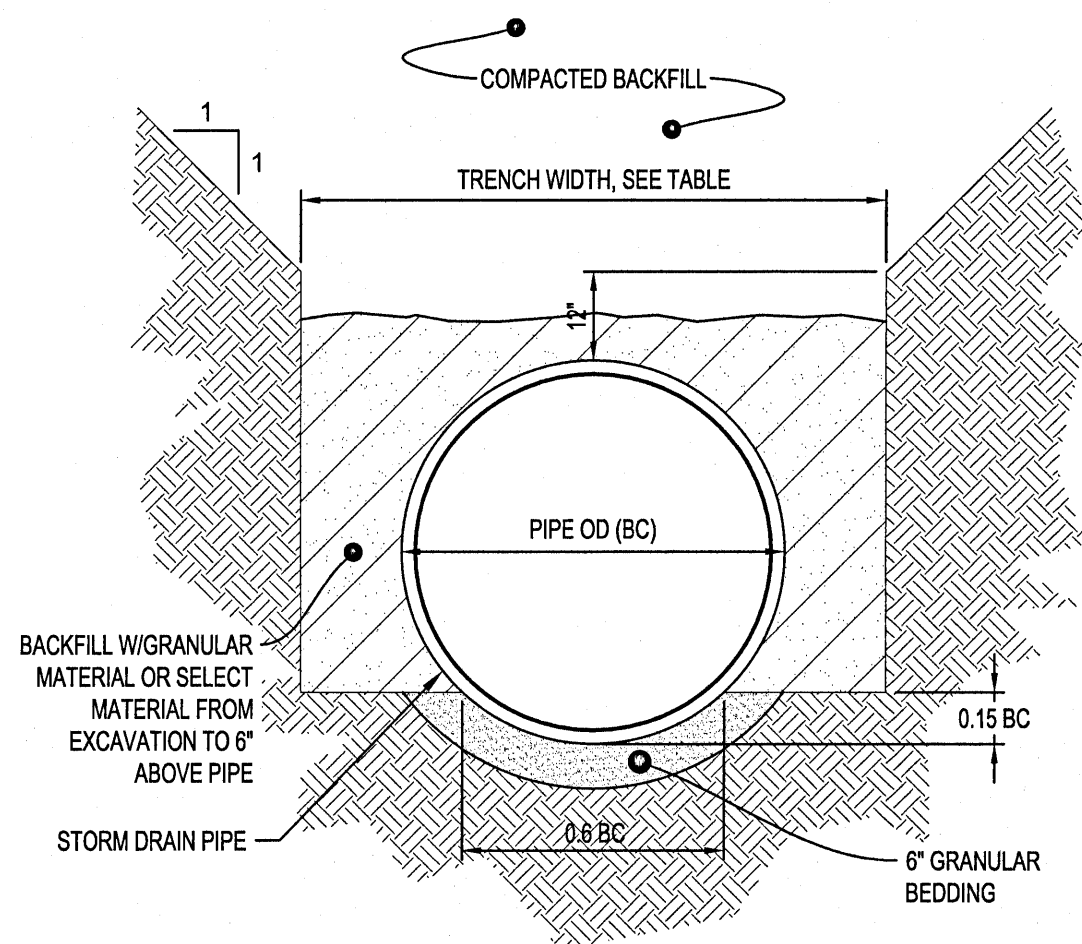


ACCESSIBLE PARKING SIGN  
POST W/BOLLARD

N.T.S.

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Revisions:		Date:
1		
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<div><div><div><p>Digitally signed by Andrew Brandel Date: 2021.09.03 09:28:49 -05'00'</p></div></div></div>		
<p><b>B.M. ELEVATION=72.38'</b> CUT 'X' LOCATED IN SIDEWALK AT THE NE CORNER OF THE INTERSECTION OF MOBILE HWY AND EDISION DRIVE.</p>		
<div></div>		
<p><b>MANAGING LOCATION:</b> <b>MINNEAPOLIS / ST. PAUL OFFICE</b> 7900 INTERNATIONAL DRIVE INTERNATIONAL PLAZA, SUITE 550 MINNEAPOLIS, MN 55425 PHONE: 952.426.0699</p>		
<div><div><div><p><b>ALDI Inc.</b></p><p>2080 ALDI Blvd Mt. Juliet, TN 37122 (615) 442-8840 (615) 442-6392 fax</p></div></div></div>		
<p>ALDI Inc. Store #: 156 PENSACOLA, FLORIDA 4830 MOBILE HIGHWAY PENSACOLA, FLORIDA 32506 ESCAMBIA COUNTY Project Name &amp; Location:</p>		
<p><b>SITE DETAILS</b></p>		
<p>Drawing Name:</p>		
Type: V7.0 ER	ISG Project No.	
Drawn By: JMF	21-25050	
Designed By: JMF	C-021	
Reviewed By: RJA	Drawing No.	





TRENCH WIDTH	
PIPE Ø	TRENCH WIDTH
36" OR LESS	BC + 24"
42" TO 54"	1.5 x BC
60" OR OVER	BC + 36"

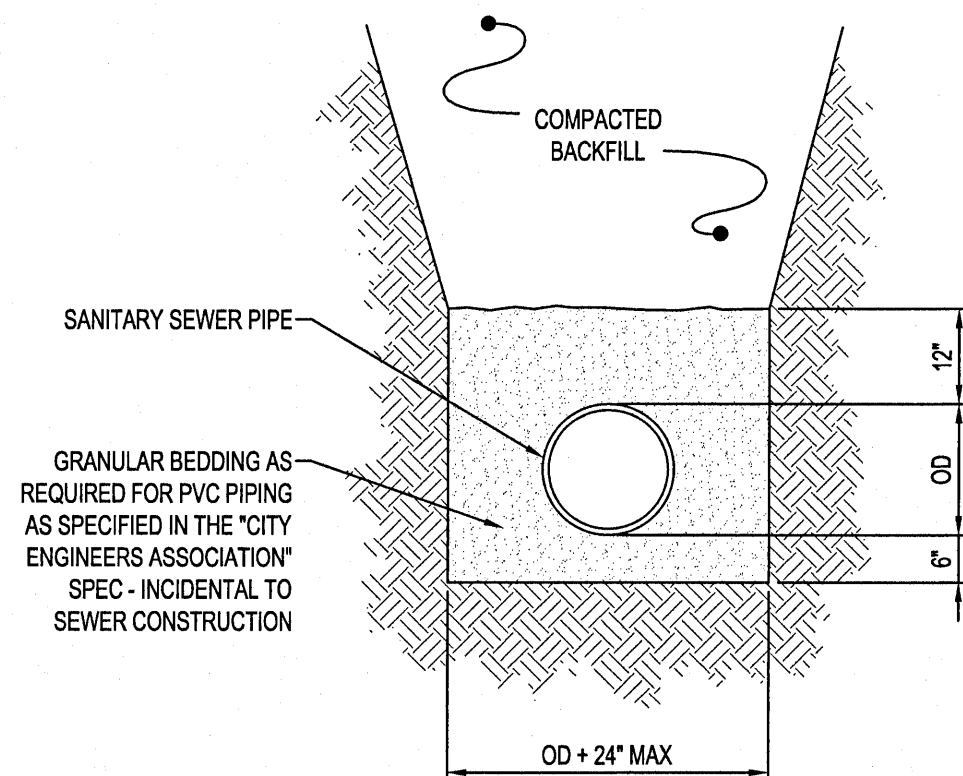
#### NOTES:

GRANULAR BEDDING AND BACKFILL FOR STORM DRAIN PIPES SHALL BE INCIDENTAL TO STORM DRAIN CONSTRUCTION

#### NON-CONCRETE STORM DRAIN PIPE BEDDING

NTS

SD600



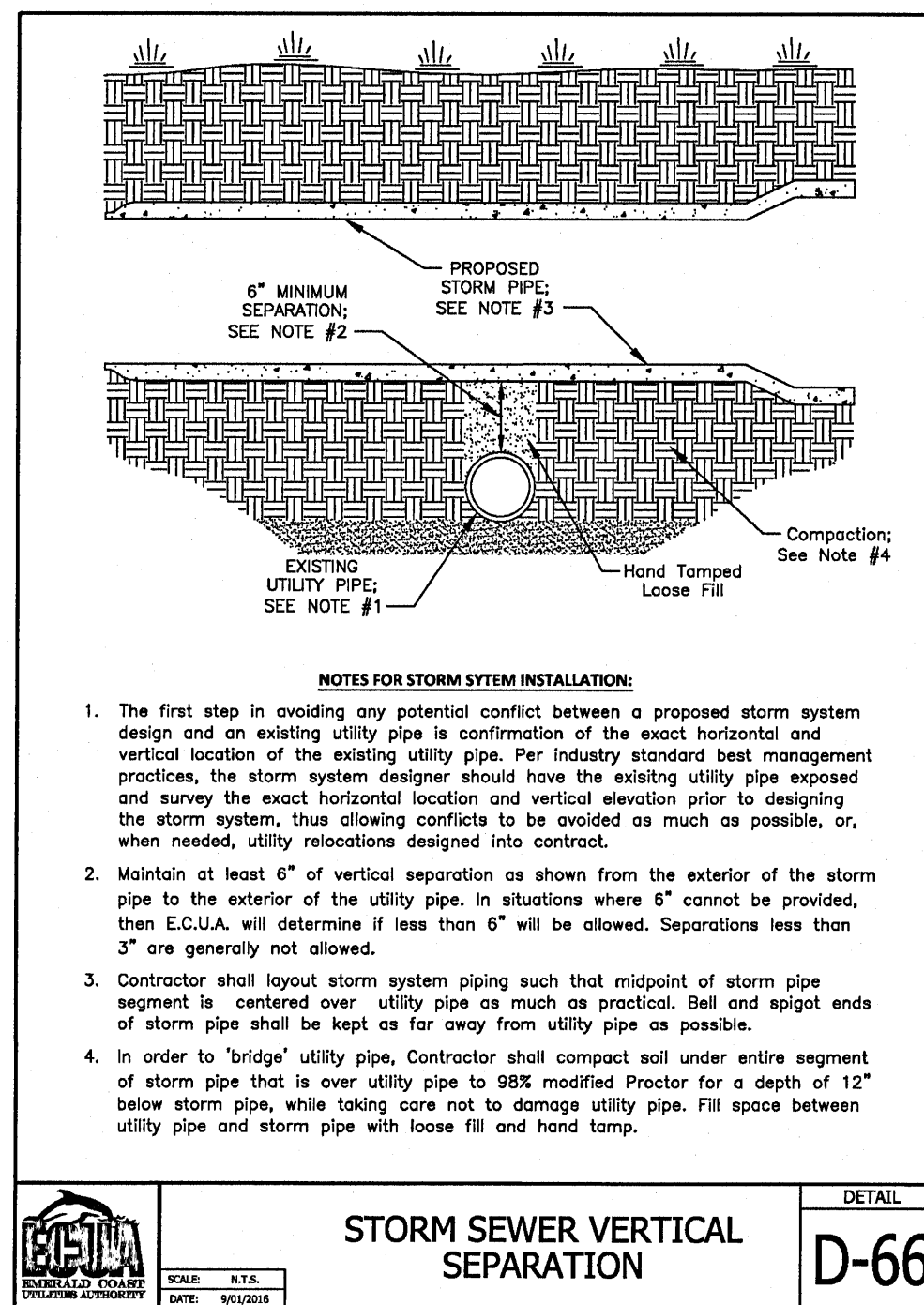
#### NOTES:

GRANULAR BEDDING AND ENCASEMENT FOR SANITARY SEWER PIPES SHALL BE INCIDENTAL TO CONSTRUCTION

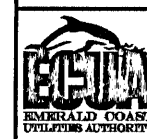
#### PIPE BEDDING SANITARY SEWER

NTS

SA400

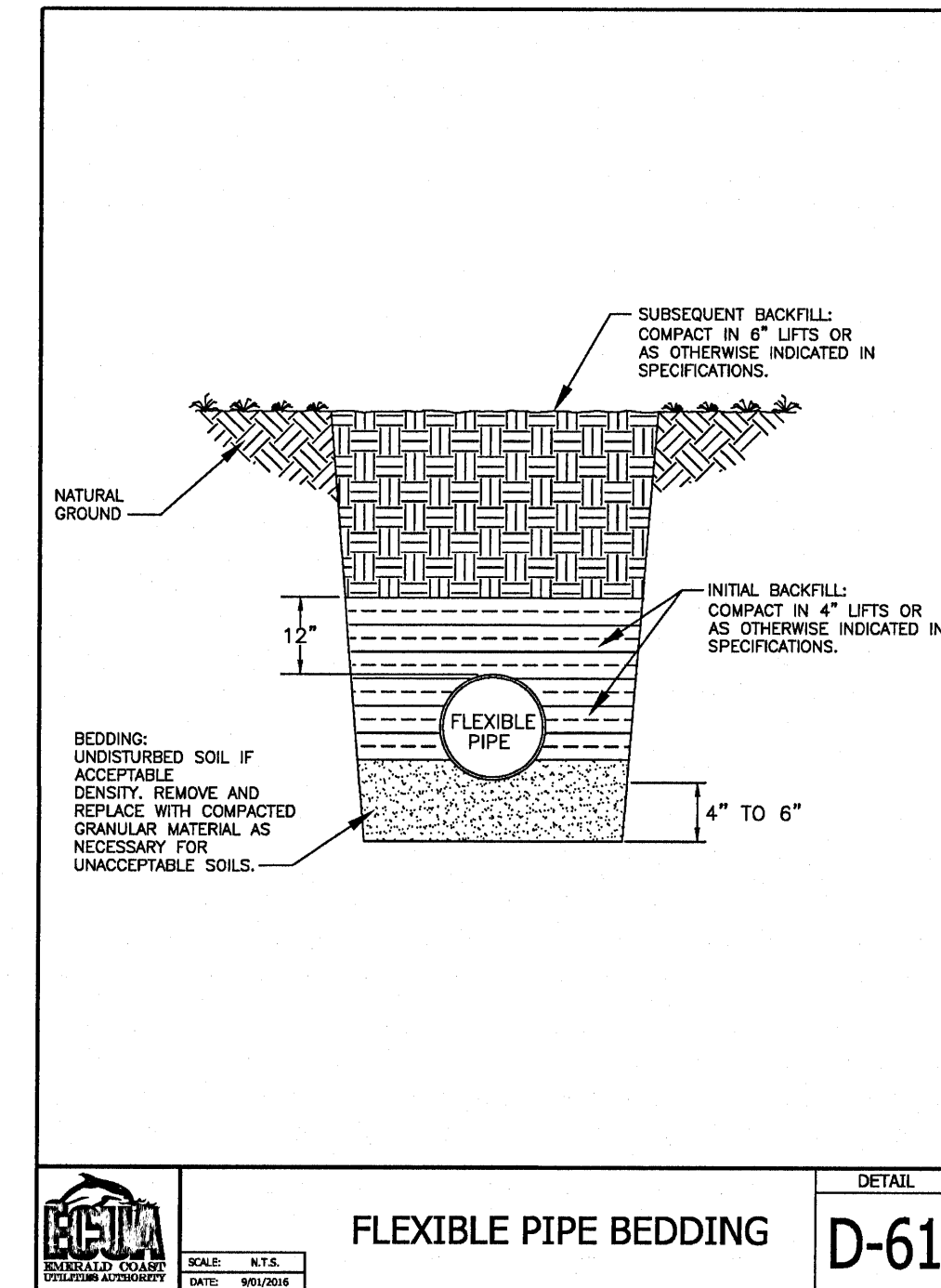


- NOTES FOR STORM SYSTEM INSTALLATION:**
- The first step in avoiding any potential conflict between a proposed storm system design and an existing utility pipe is confirmation of the exact horizontal and vertical location of the existing utility pipe. Per industry standard best management practices, the storm system designer should have the existing utility pipe exposed and survey the exact horizontal location and vertical elevation prior to designing the storm system, thus allowing conflicts to be avoided as much as possible, or, when needed, utility relocations designed into contract.
  - Maintain at least 6" of vertical separation as shown from the exterior of the storm pipe to the exterior of the utility pipe. In situations where 6" cannot be provided, then E.C.U.A. will determine if less than 6" will be allowed. Separations less than 3" are generally not allowed.
  - Contractor shall layout storm system piping such that midpoint of storm pipe segment is centered over utility pipe as much as practical. Ball and spigot ends of storm pipe shall be kept as far away from utility pipe as possible.
  - In order to 'bridge' utility pipe, Contractor shall compact soil under entire segment of storm pipe that is over utility pipe to 98% modified Proctor for a depth of 12" below storm pipe, while taking care not to damage utility pipe. Fill space between utility pipe and storm pipe with loose fill and hand tamp.



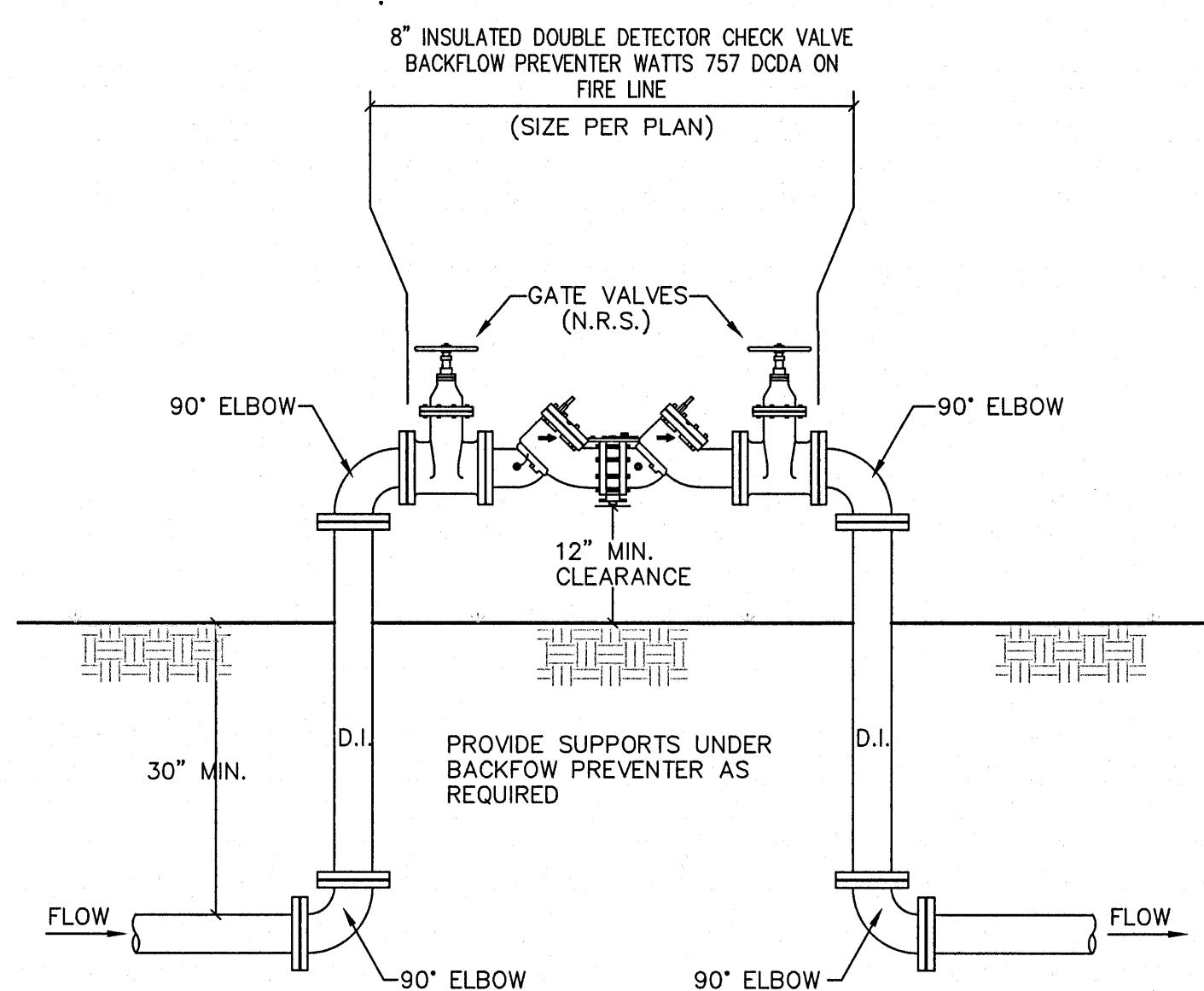
#### STORM SEWER VERTICAL SEPARATION

DETAIL  
D-66



#### FLEXIBLE PIPE BEDDING

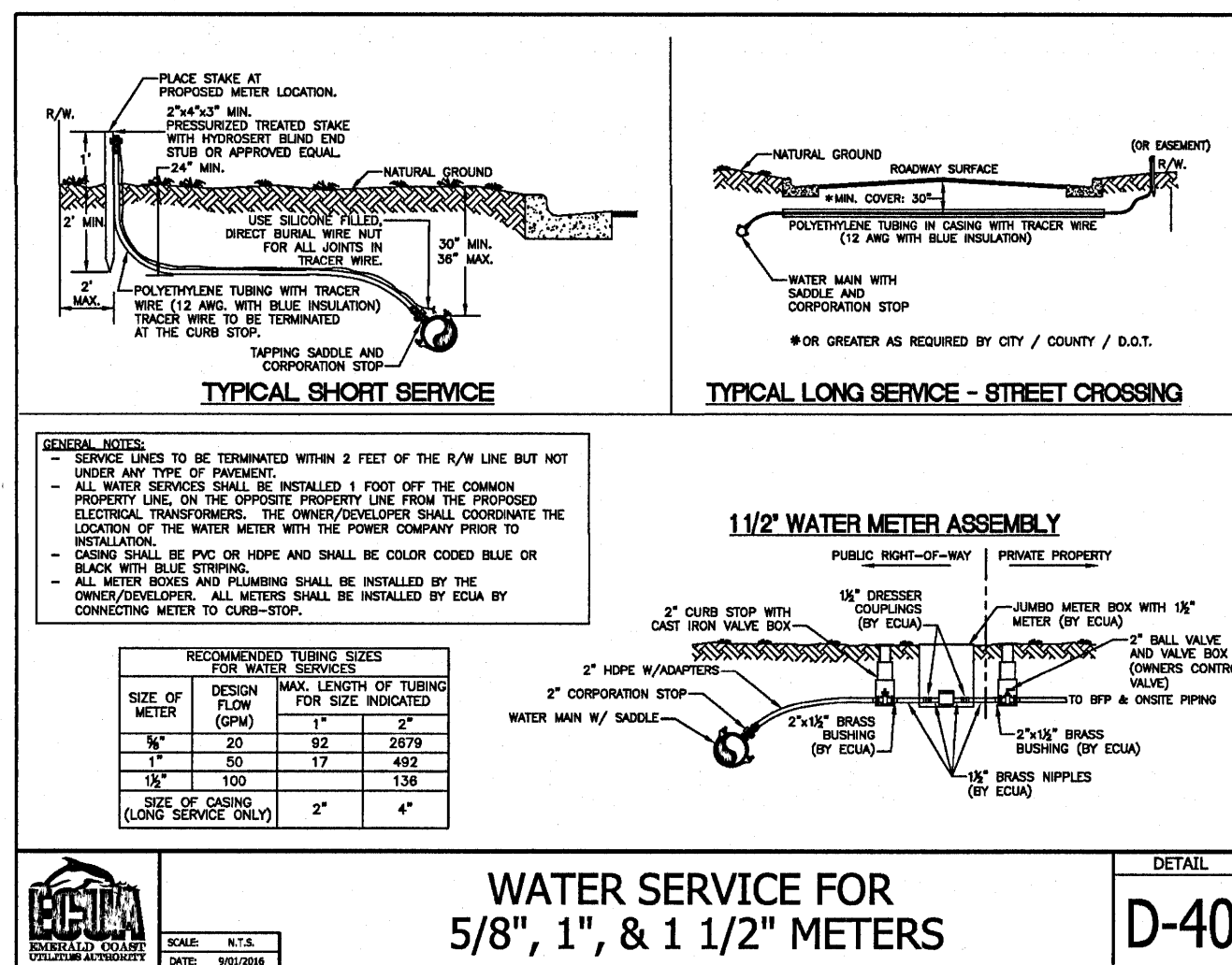
DETAIL  
D-61



#### BACKFLOW PREVENTER DOUBLE CHECK DETECTOR DETAIL

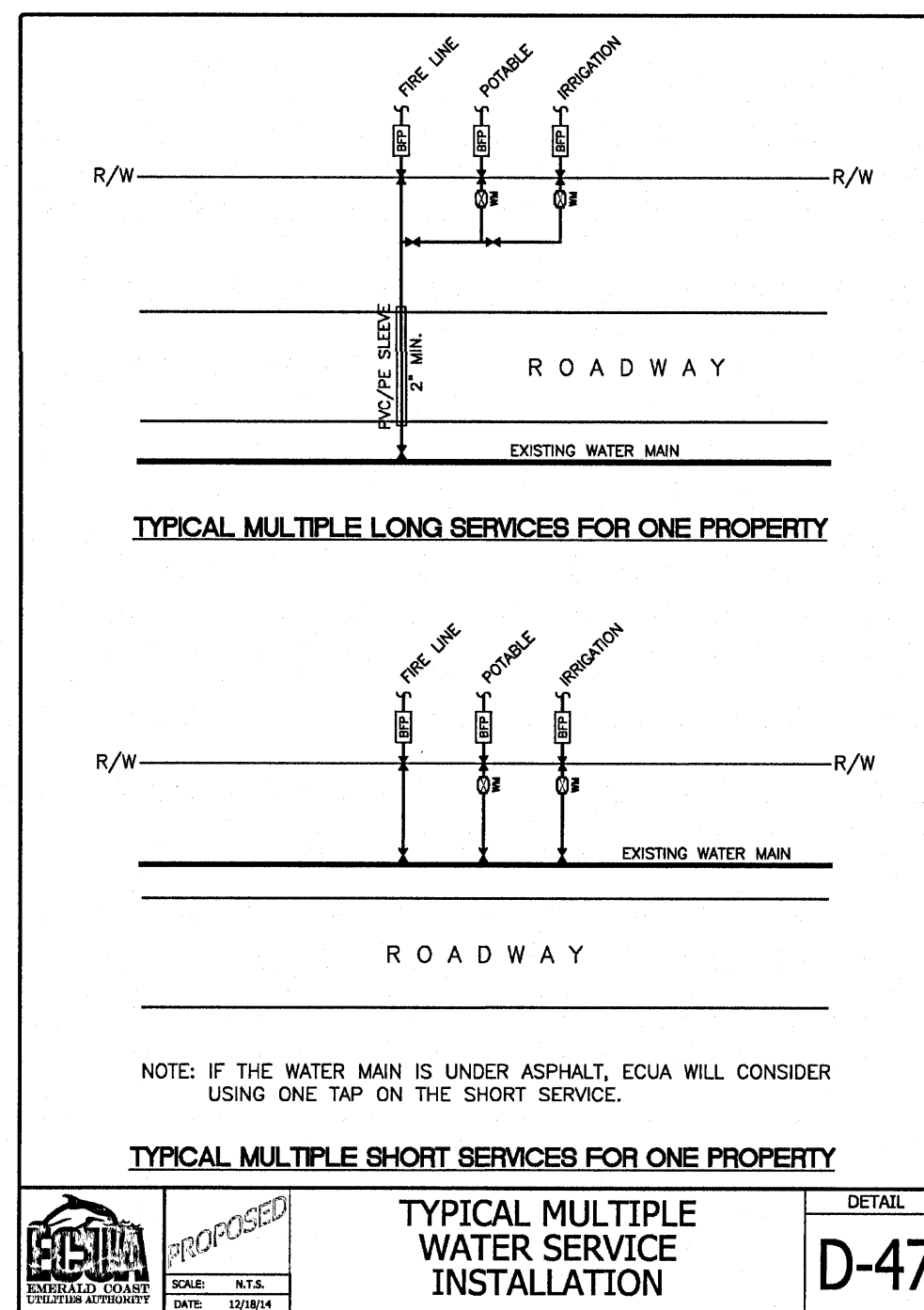
N.T.S.

- NOTE: 1. ALL FITTINGS SHALL BE CAST OR DUCTILE IRON. PROVIDE THRUST BLOCKS FOR BELOW GROUND FITTINGS SEE THRUST BLOCK DETAIL, THIS SHEET.  
2. DEVICE TO BE INSULATED FOR FREEZE PROTECTION WITH APPROVED MATERIALS.



#### WATER SERVICE FOR 5/8", 1", & 1 1/2" METERS

DETAIL  
D-40



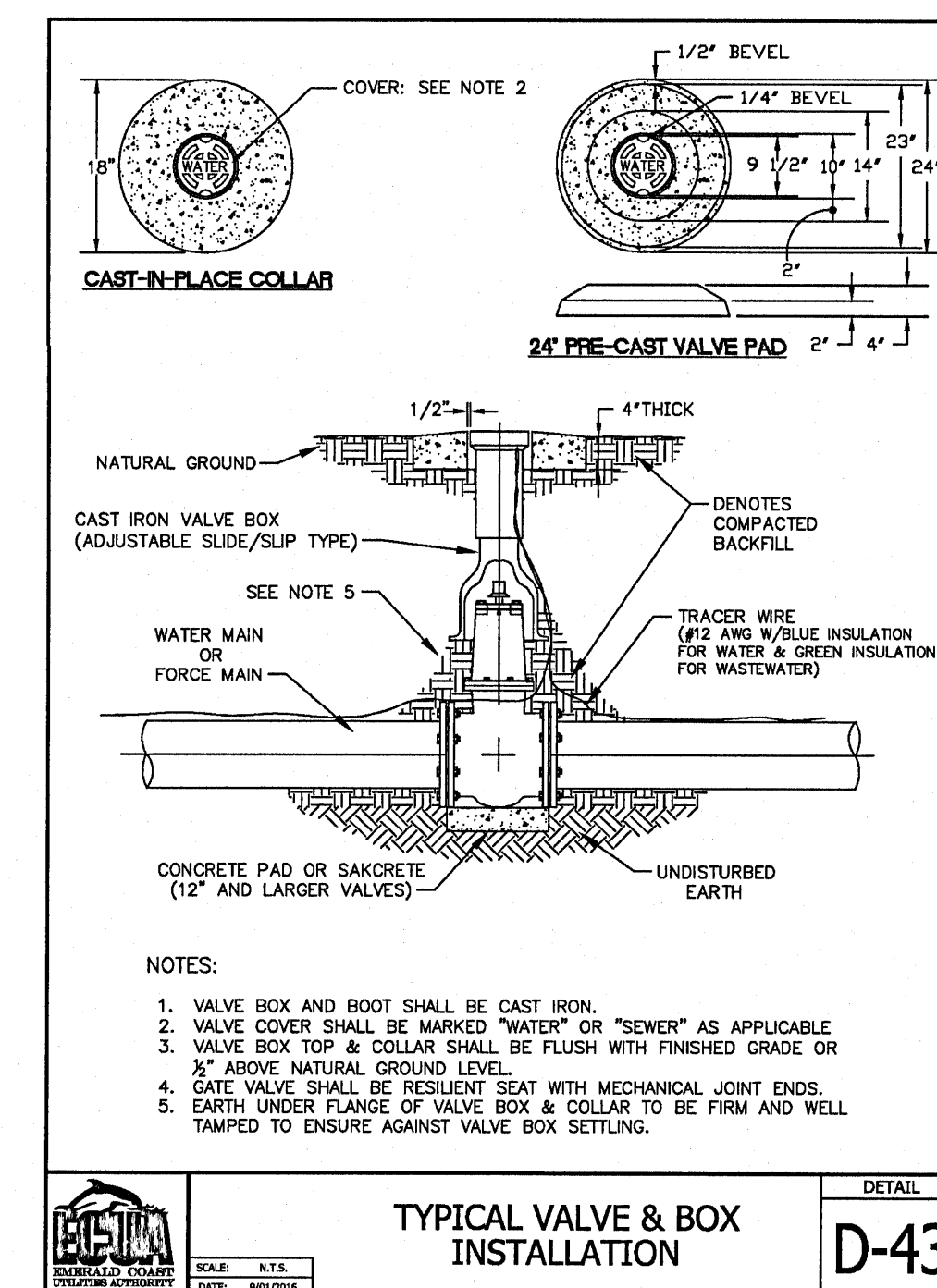
#### TYPICAL MULTIPLE LONG SERVICES FOR ONE PROPERTY

#### TYPICAL MULTIPLE SHORT SERVICES FOR ONE PROPERTY



#### TYPICAL MULTIPLE WATER SERVICE INSTALLATION

DETAIL  
D-47



- NOTES:**
- VALVE BOX AND BOOT SHALL BE CAST IRON.
  - VALVE COVER SHALL BE MARKED "WATER" OR "SEWER" AS APPLICABLE.
  - VALVE BOX TOP & COLLAR SHALL BE FLUSH WITH FINISHED GRADE OR 2" ABOVE NATURAL GROUND LEVEL.
  - GATE VALVE SHALL BE RESILIENT SEAT WITH MECHANICAL JOINT ENDS.
  - EARTH UNDER FLANGE OF VALVE BOX & COLLAR TO BE FIRM AND WELL TAMPED TO ENSURE AGAINST VALVE BOX SETTLING.

#### TYPICAL VALVE & BOX INSTALLATION

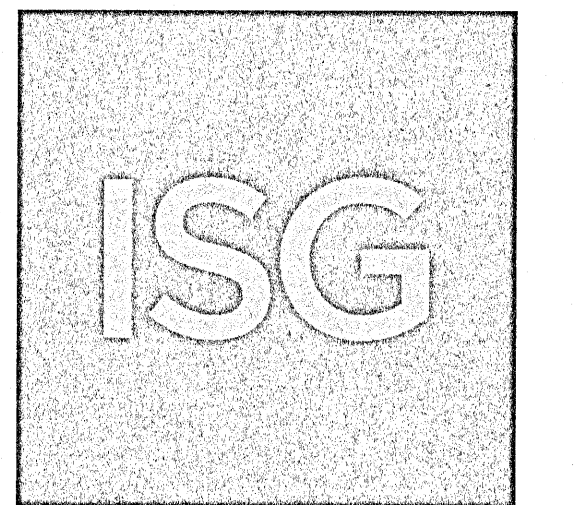
DETAIL  
D-43

Issued:	Date:
A SITE PLAN REVIEW #1	05/18/21
B SITE PLAN REVIEW #2	06/24/21
C PERMIT/BID SET	07/28/21
D FOR CONSTRUCTION	09/10/21
E	
Revisions:	Date:
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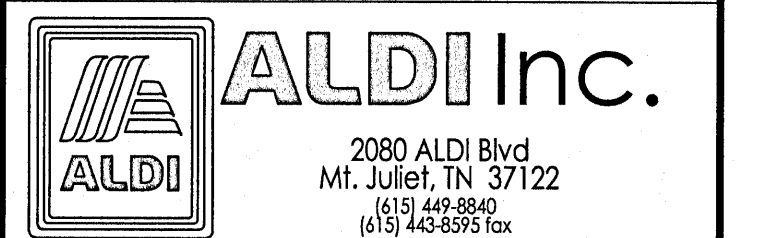


Digitally signed by  
Andrew  
Brandel  
Date:  
2021.09.03  
09:29:10  
-05'00'

**B.M. ELEVATION=72.38'**  
CUT 'X' LOCATED IN SIDEWALK AT THE  
NE CORNER OF THE INTERSECTION  
OF MOBILE HWY AND EDISON DRIVE.



**MANAGING LOCATION:**  
**MINNEAPOLIS / ST. PAUL OFFICE**  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



**ALDI Inc. Store #: 156**  
**PENSACOLA, FLORIDA**  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name & Location:

#### SITE DETAILS

Drawing Name:

Type: V7.0 ER

Drawn By: JMF

Designed By: JMF

Reviewed By: RJA

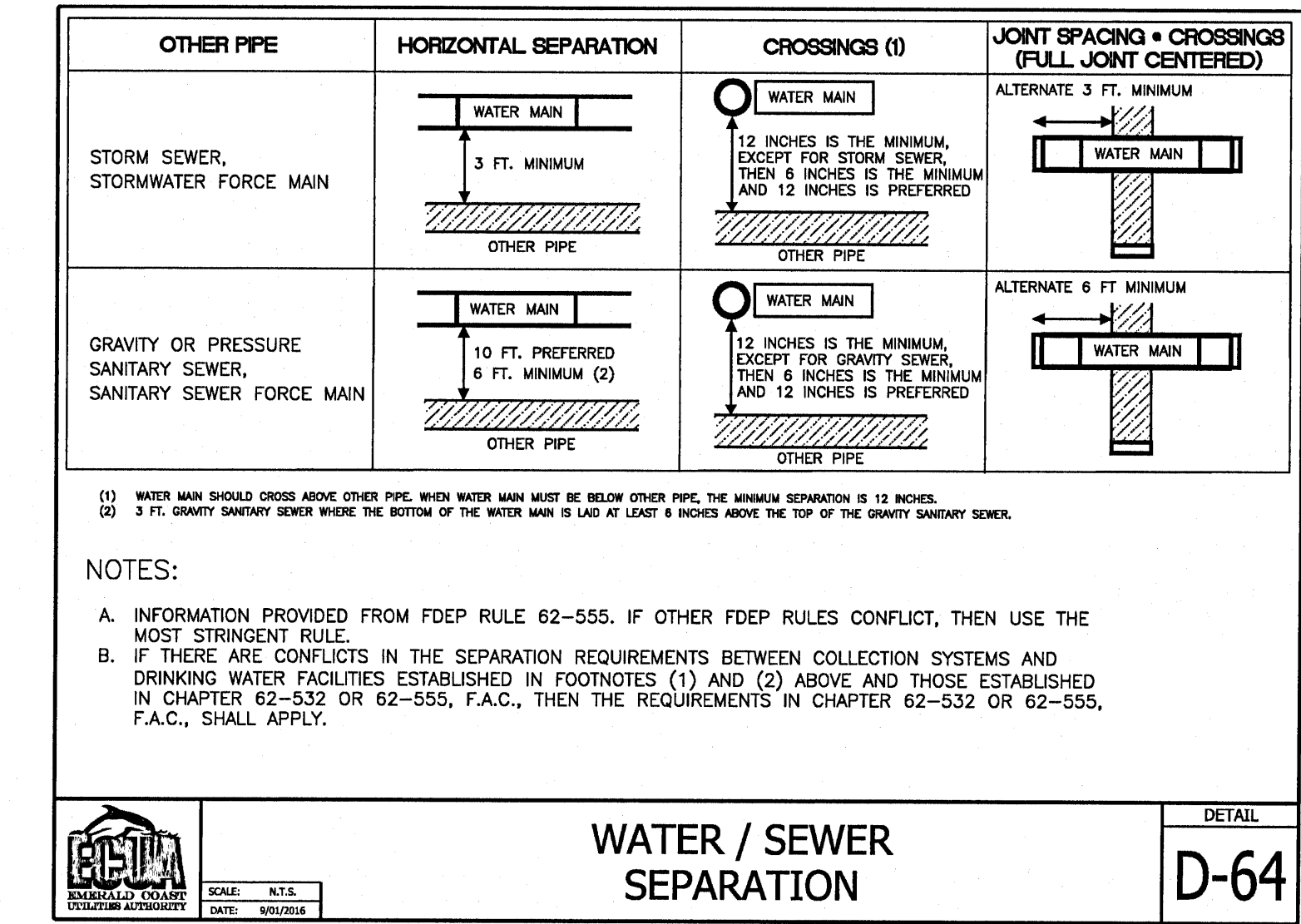
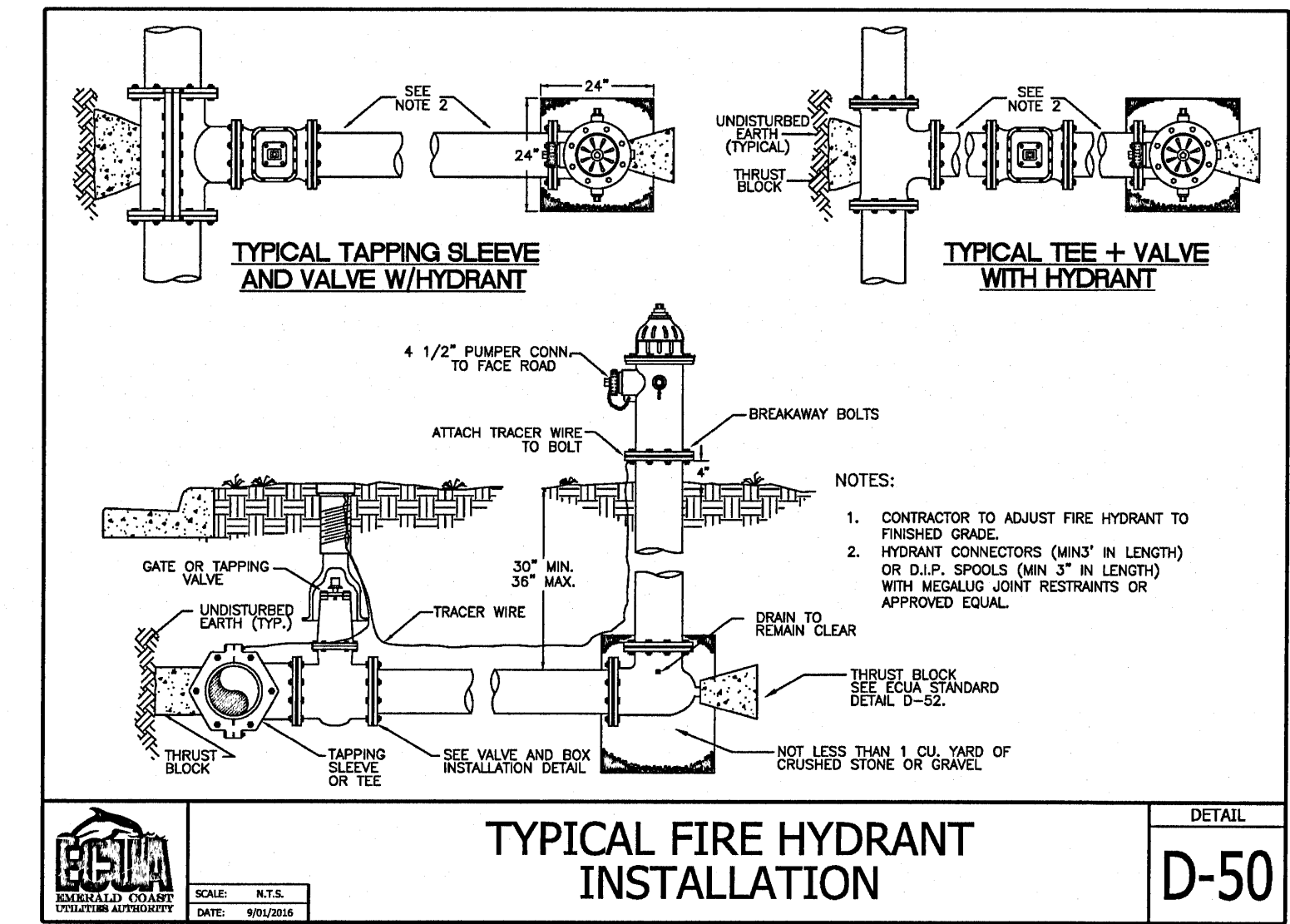
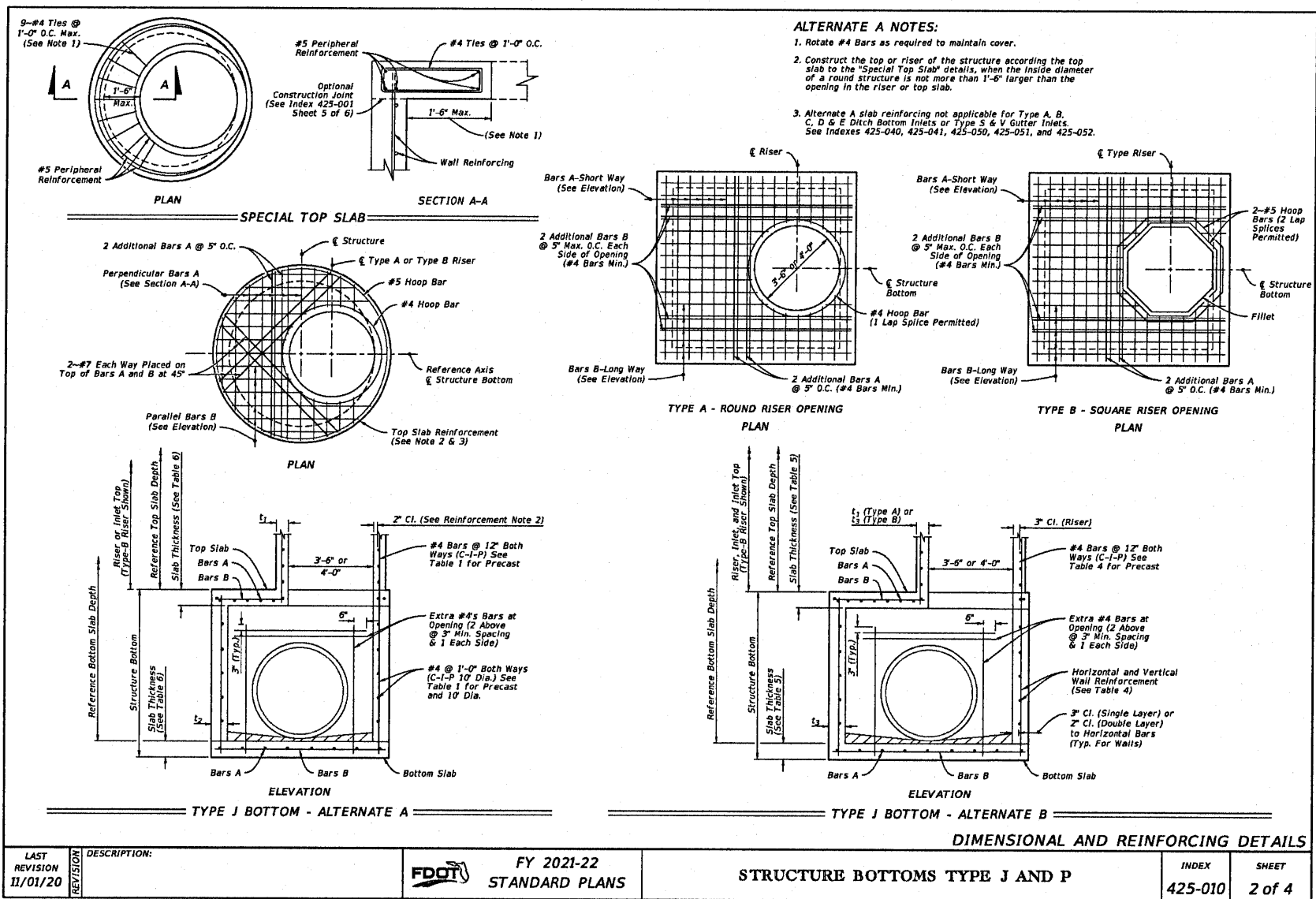
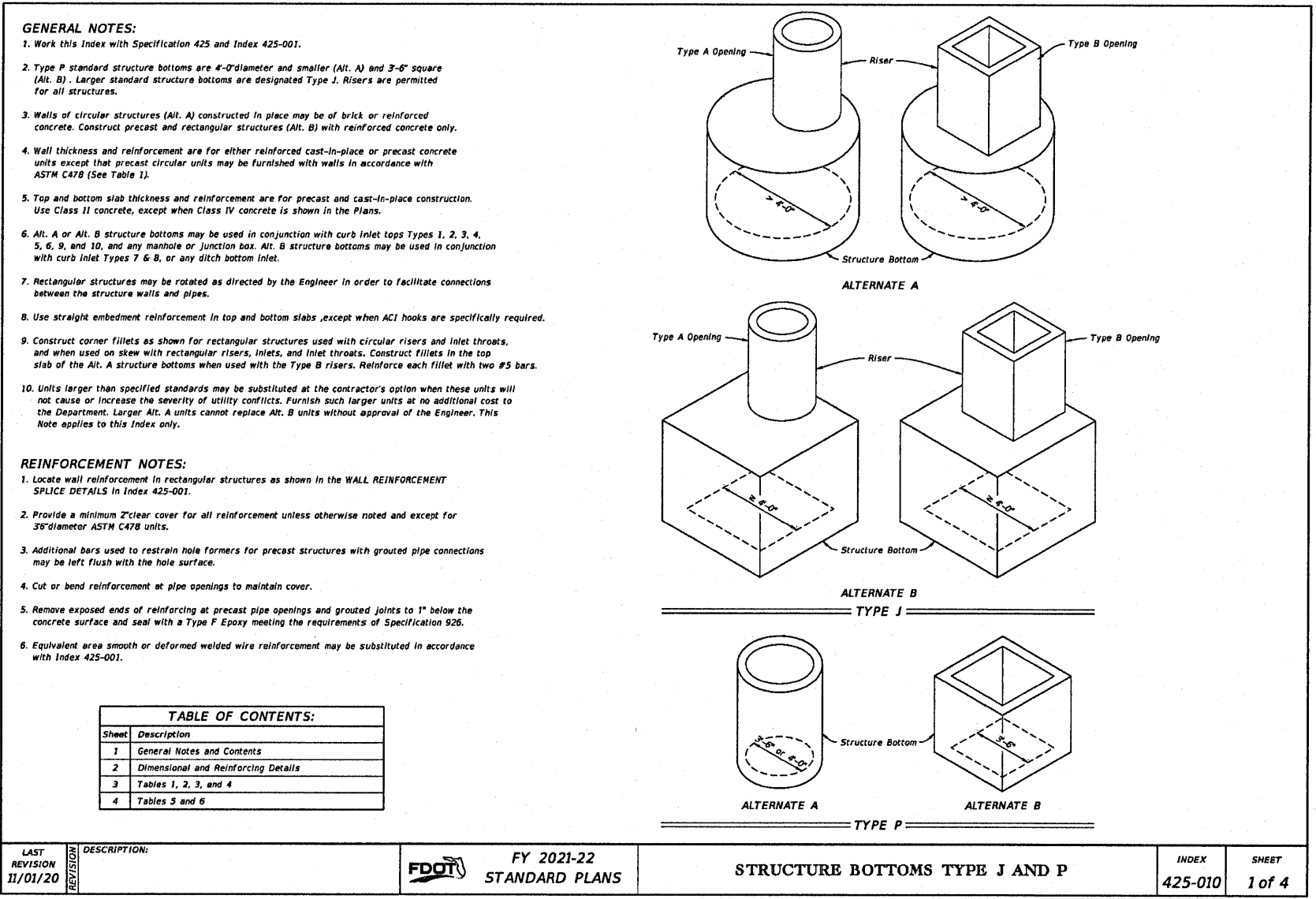
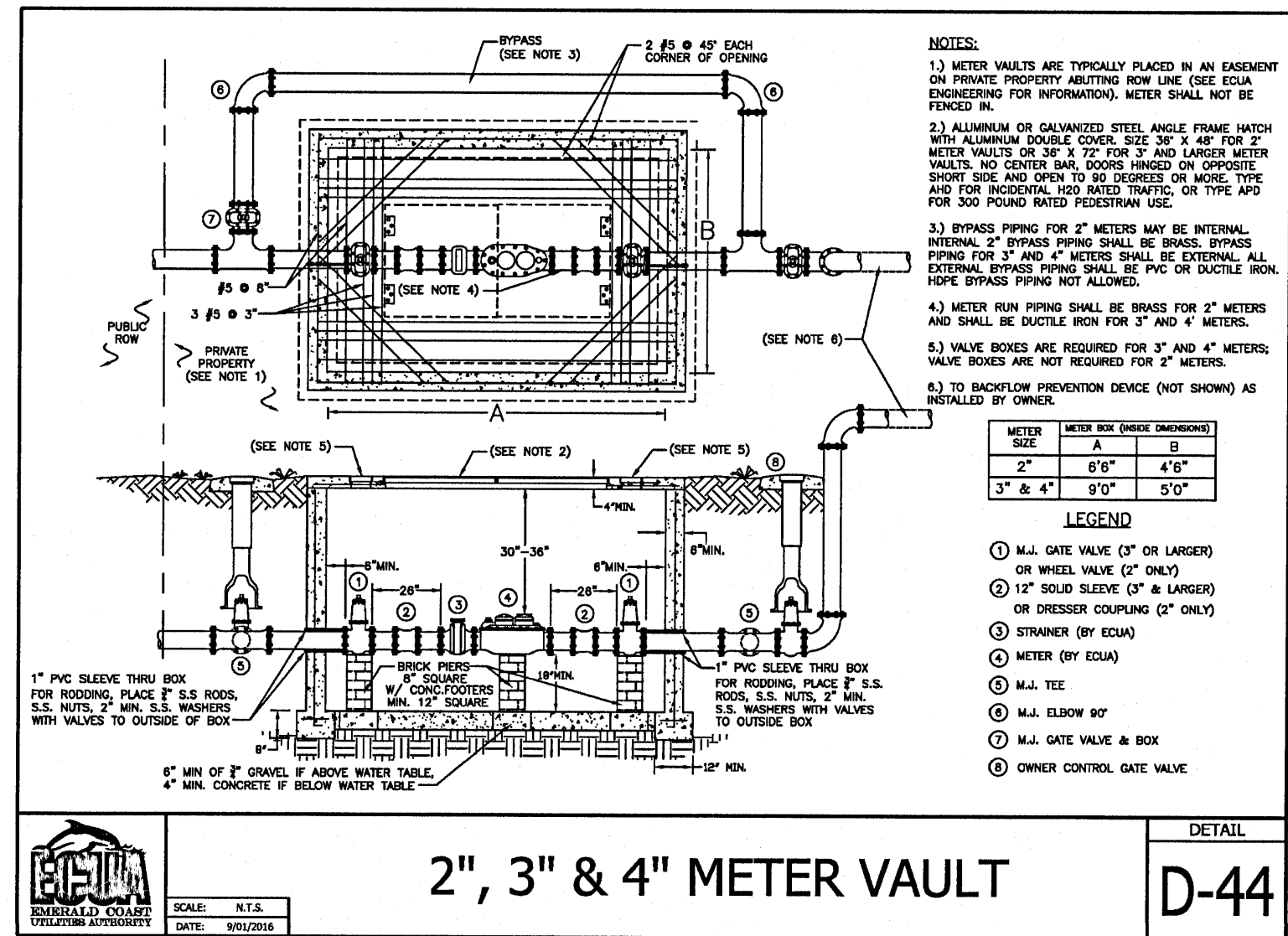
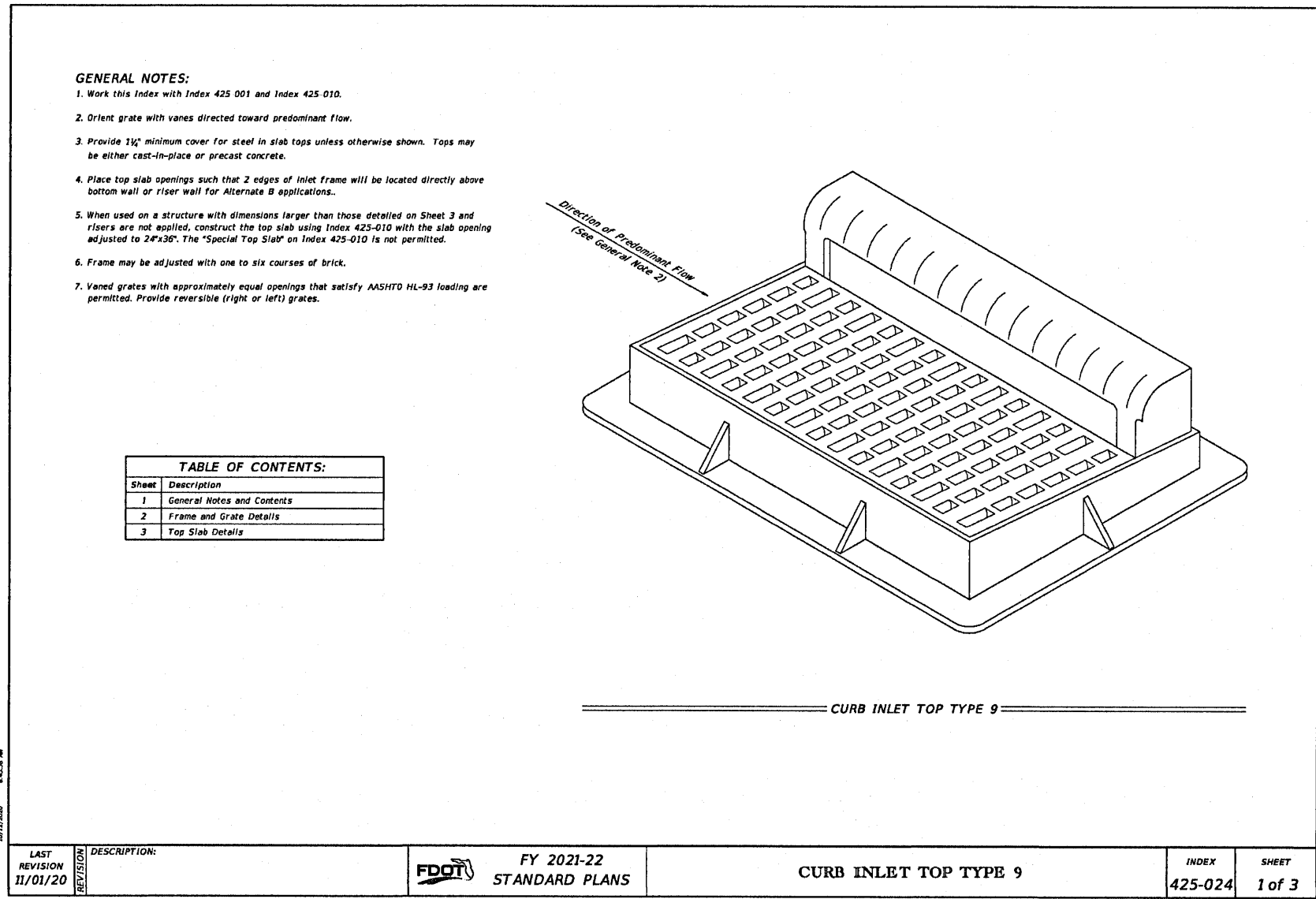
ISG Project No.

21-25050

C-022

Drawing No.



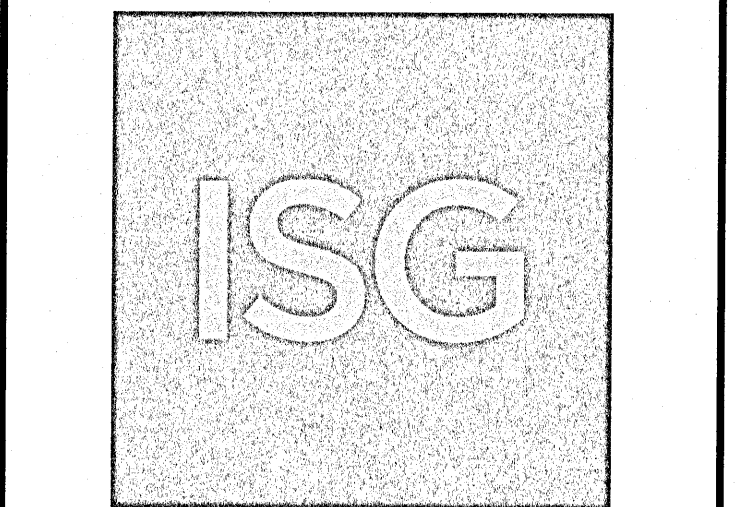


Issued:	Date:
A SITE PLAN REVIEW #1	05/18/21
B SITE PLAN REVIEW #2	06/24/21
C PERMIT/BID SET	07/28/21
D FOR CONSTRUCTION	09/10/21
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Revisions:	Date:
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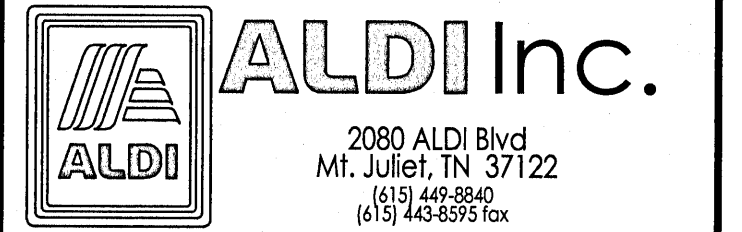
Digitally signed by Andrew Brandel Date: 2021.09.03 09:29:31 -05'00'

ANDREW T. BRANDEL  
LICENSE  
No. 85182  
FLORIDA  
PROFESSIONAL ENGINEER

**B.M. ELEVATION=72.38'**  
CUT 'X' LOCATED IN SIDEWALK AT THE NE CORNER OF THE INTERSECTION OF MOBILE HWY AND EDISON DRIVE.



**MANAGING LOCATION:**  
**MINNEAPOLIS / ST. PAUL OFFICE**  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



**ALDI Inc. Store #: 156**  
**PENSACOLA, FLORIDA**  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name & Location:

**SITE DETAILS**

Drawing Name:	ISG Project No.
Type: V7.0 ER	21-25050
Drawn By: JMF	
Designed By: JMF	C-023
Reviewed By: RJA	Drawing No.



A. Work Shall Include - All excavation and construction as outlined in the plans, specifications and details outlining the construction of the infiltration basin.

B. The Contractor shall maintain soil fence around the perimeter of the infiltration basin during all phases of construction. The filtration area must be staked off and marked to keep all construction traffic, equipment and material stockpiles out of the proposed infiltration area.

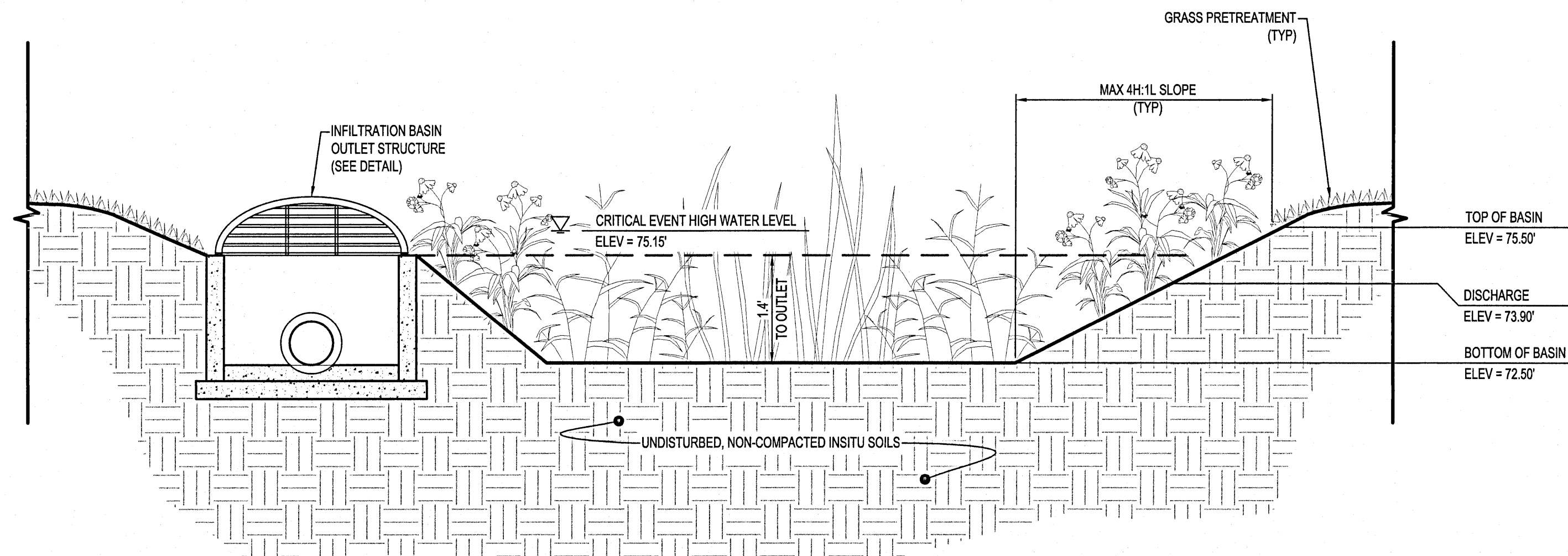
C. The Contractor shall ensure that the infiltration basin is not used as a sediment trap during construction and that no runoff enters the basin prior to the completion of construction and complete stabilization of surrounding areas draining to the basin. All upland drainage must be diverted to prevent runoff from entering filtration basin work area.

D. Infiltration basin shall be constructed at the end of the project after all areas surrounding it and draining into it have been constructed and fully stabilized, this includes the sanitary sewer. In order to avoid erosion in the basin no equipment shall be driven in the area of the basin prior to its construction, and when it is used for moving materials with tracks shall be used.

E. After final grading the basin's floor shall be tilled to a depth of at least 6 inches to provide a well-aerated, porous surface. Smearing of the soil in the basin shall be avoided and if smearing does occur it shall be corrected by raking or retiling of the basin.

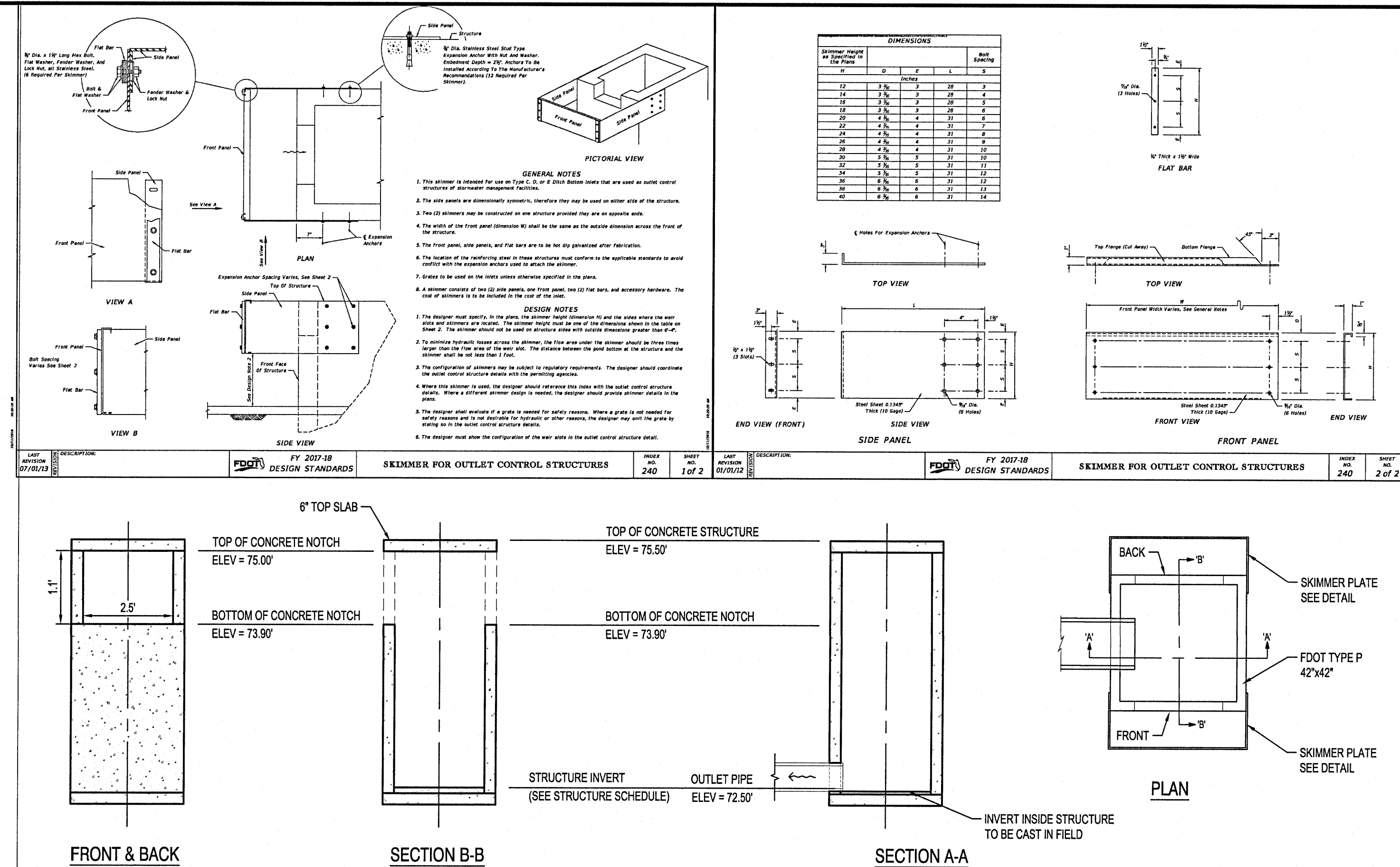
F. Immediately following infiltration basin construction, the entire basin shall be seeded and stabilized as indicated in the plans. Infiltration basin MUST be fully stabilized prior to any upstream runoff being directed to basin.

Refer to SITE RESTORATION PLAN for basin seeding requirements.



## INFILTRATION BASIN

NTS	SD800
-----	-------



INFILTRATION BASIN  
OUTLET STRUCTURE

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NTS SD700

**SiteASSIST™**  
FOR STORMTECH  
INSTRUCTIONS,  
DOWNLOAD THE  
INSTALLATION APP



**ALDI #156-V 3**  
**PENSACOLA, FL**

1. CHAMBERS SHALL BE STORMCHSE SC-740.
2. CHAMBERS SHALL BE ARSH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
3. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
4. CHAMBERS ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD FORCE LOADS OR LIMIT FLOW.
5. THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) PERMANENT DEAD LOAD, 2) PERMANENT LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
6. CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". THE LOAD CONFIGURATIONS SHALL BE: 1) 100% COVER (100% AASHTO DESIGN TRUCK LOAD ON MINIMUM COVER) 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
7. REQUIREMENTS FOR HANDLING AND INSTALLATION:
  - a. TO EXAMINE THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
  - b. TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 1.5 INCHES.
  - c. TO ENSURE THE INTEGRITY OF THE ARSH SHAPE DURING INSTALLATION, IF THE ARCH STRENGTH CONSTANT AS DEFINED IN SECTION 12.12.2 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS IS EQUAL TO OR GREATER THAN 1.0, THE INFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM POLYMER GOLD OR
8. ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON RECEIPT BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
  - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
  - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.06 FOR ROAD AND 1.33 FOR RAILROAD. THE EVALUATION SHALL BE BASED ON THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
  - THE DERIVED CREEP MODULUS OF 500,000 PSI SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN.
  - EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
9. CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

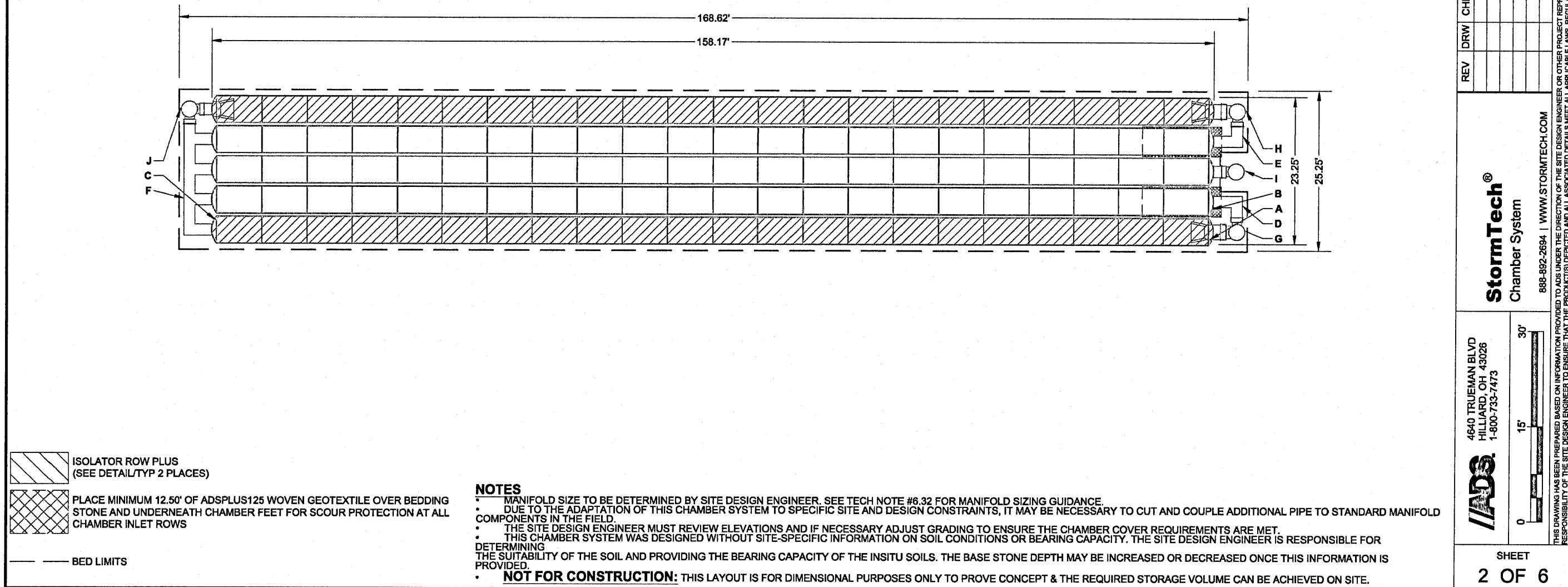
1. STORMTECH SC-740 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
2. STORMTECH SC-740 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310SG-740DC-780 CONSTRUCTION GUIDE".
3. CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS.
  - STORMTECH RECOMMENDS BACKFILL METHODS:
    - STONES/HOOTER LOCATED OFF THE CHAMBER BED.
    - CHAMBERS AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
    - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
5. JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
6. MAINTAIN MINIMUM -6" (150 mm) SPACING BETWEEN THE CHAMBER ROWS.
7. EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE 3/4"-20" (20 mm).
8. THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CONSTRUCTION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
9. ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

**NOTES FOR CONSTRUCTION EQUIPMENT**

1. STORMTECH SC-740 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310SG-740DC-780 CONSTRUCTION GUIDE".
2. THE USE OF CONSTRUCTION EQUIPMENT OVER SC-740 CHAMBERS IS LIMITED:
  - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
  - NO RUBBER TIED LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE STORMTECH SC-310SG-740DC-780 CONSTRUCTION GUIDE.
  - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH SC-310SG-740DC-780 CONSTRUCTION GUIDE".
3. FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.

USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO THE CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.

CONTACT STORMTECH AT 1-888-882-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT

[illegible]

**NOTES**

1. MANHOLE SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECH NOTE #32 FOR MANHOLE SIZING GUIDANCE.

2. DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE DESIGN CONDITIONS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANHOLE COMPONENTS IN THE FIELD.

3. THE CHAMBER SYSTEM MUST BE DESIGNED WITH ELEVATIONS AND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.

4. THIS CHAMBER SYSTEM WAS DEVELOPED WITHOUT SITE-SPECIFIC INFORMATION ON SOIL CONDITIONS OR BEARING CAPACITY. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR THE SUITABILITY OF THE SOIL AND PROVIDING THE BEARING CAPACITY OF THE INSITU SOILS. THE BASE SOLE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS DETERMINED.

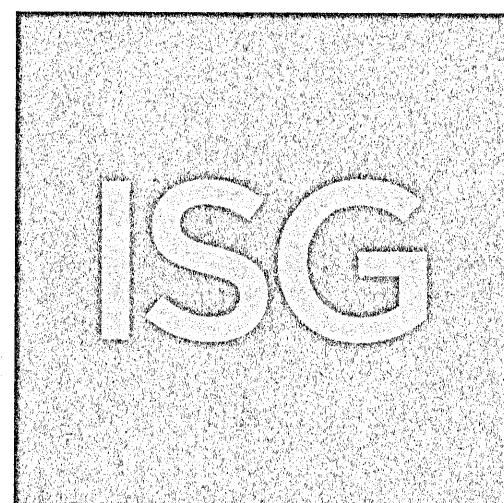
**NOT FOR CONSTRUCTION:** THIS LAYOUT IS FOR DIMENSIONAL PURPOSES ONLY TO PROVE CONCEPT & THE REQUIRED STORAGE VOLUME CAN BE ACHIEVED ON SITE.

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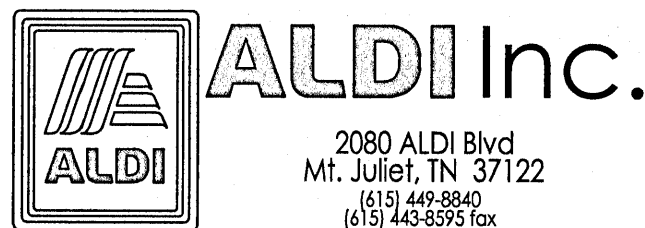
ANDREW T. BRANDEL  
LICENSE  
No. 85182  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

Digitally signed  
by Andrew  
Brandel  
Date:  
2021.09.03  
09:29:52 -05'00'

**B.M. ELEVATION=72.38'**  
CUT 'X' LOCATED IN SIDEWALK AT THE  
NE CORNER OF THE INTERSECTION  
OF MOBILE HWY AND EDISON DRIVE.



**MANAGING LOCATION:**  
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7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



ALDI Inc. Store #: 156  
PENSACOLA, FLORIDA  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name &amp; Location:

## SITE DETAILS

Drawing Name:

Type: V7.0 ER

Drawn By: JMF

Designed By: JMF

ISG Project No.

21-25050

C-024

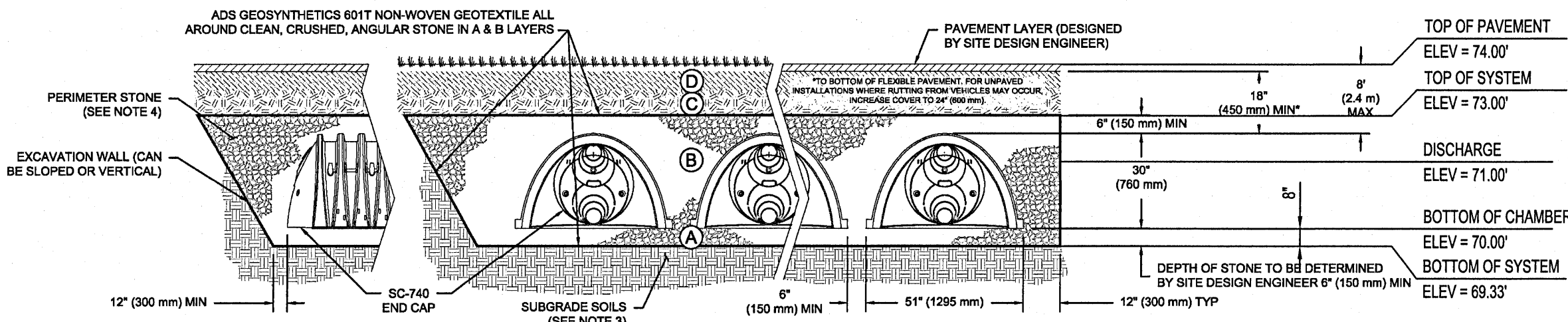
Drawing No.



# 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.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	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.	AASHTO M1451 A-1, A-2-4, A-3 OR AASHTO M451 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 88, 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 98% 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 EMBODIMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE (A LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M451 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.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M451 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. <sup>2,3</sup>

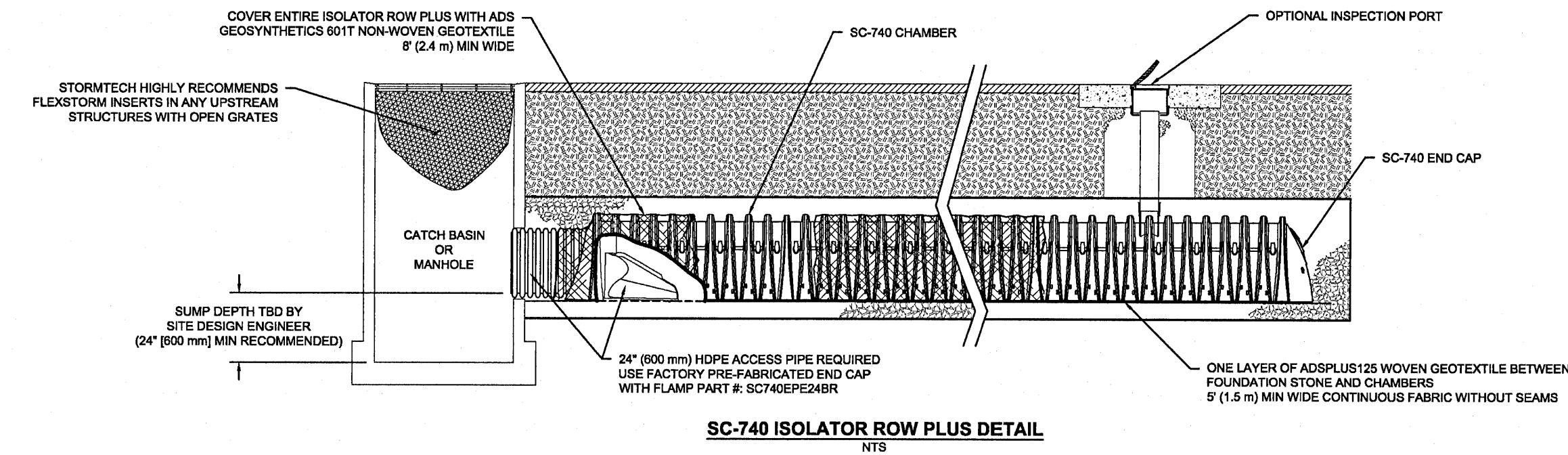
- PLEASE NOTE:
- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
  - STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'X' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERSAGES WITH A VIBRATORY COMPACTOR.
  - 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.
  - 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.



## NOTES:

- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) 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".
- 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.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
  - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
  - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
  - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 550 LBS/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

ALDI #156-V-3	PENSACOLA, FL	DATE:	DRAWN: ES	CHECKED: N/A
PROJECT #:	PROJECT #:	PROJECT #:	PROJECT #:	PROJECT #:
DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION
REV	DRW	CHK	DATE	DATE
4400 TRUEMAN BLVD MILWAUKEE, WI 53208 1-800-753-7473	StormTech® Chamber System	888-892-2684   WWW.STORMTECH.COM	4400 TRUEMAN BLVD MILWAUKEE, WI 53208 1-800-753-7473	4 OF 6



## INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- INSPECTION PORTS (IF PRESENT)
  - REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
  - REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
  - USING A FLASHLIGHT AND STAIN ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
  - LOWER A CAMERA INTO ISOLATOR ROW PLUS 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.
- B. ALL ISOLATOR ROW PLUS ROWS
- REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
  - USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
  - MIRRORS ON 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 PLUS 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 BACKLUSH 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.

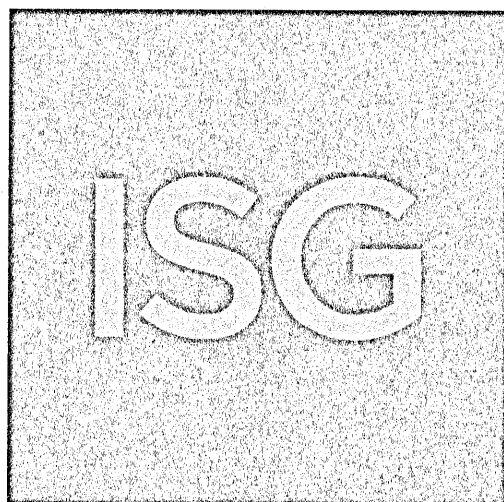
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PROJECT #:	PROJECT #:	PROJECT #:	PROJECT #:	PROJECT #:
DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION
REV	DRW	CHK	DATE	DATE
4400 TRUEMAN BLVD MILWAUKEE, WI 53208 1-800-753-7473	StormTech® Chamber System	888-892-2684   WWW.STORMTECH.COM	4400 TRUEMAN BLVD MILWAUKEE, WI 53208 1-800-753-7473	4 OF 6

Issued:	Date:
A SITE PLAN REVIEW #1	05/18/21
B SITE PLAN REVIEW #2	06/24/21
C PERMIT/BD SET	07/28/21
D FOR CONSTRUCTION	09/10/21
E	
Revisions:	Date:
1 CCD #01	09/10/21
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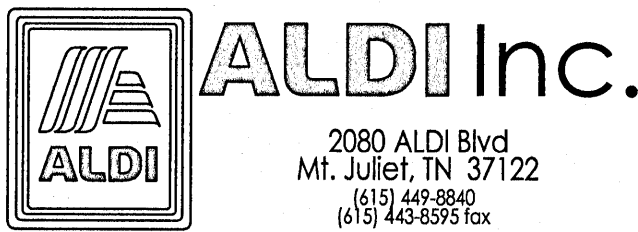
Digitally signed by  
Andrew Brandel  
Date: 2021.09.03 09:30:21 -05'00'

ANDREW T. BRANDL  
No. 85182  
FLORIDA  
PROFESSIONAL ENGINEER

**B.M. ELEVATION=72.38'**  
CUT 'X' LOCATED IN SIDEWALK AT THE  
NE CORNER OF THE INTERSECTION  
OF MOBILE HWY AND EDISON DRIVE.



**MANAGING LOCATION:**  
**MINNEAPOLIS / ST. PAUL OFFICE**  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



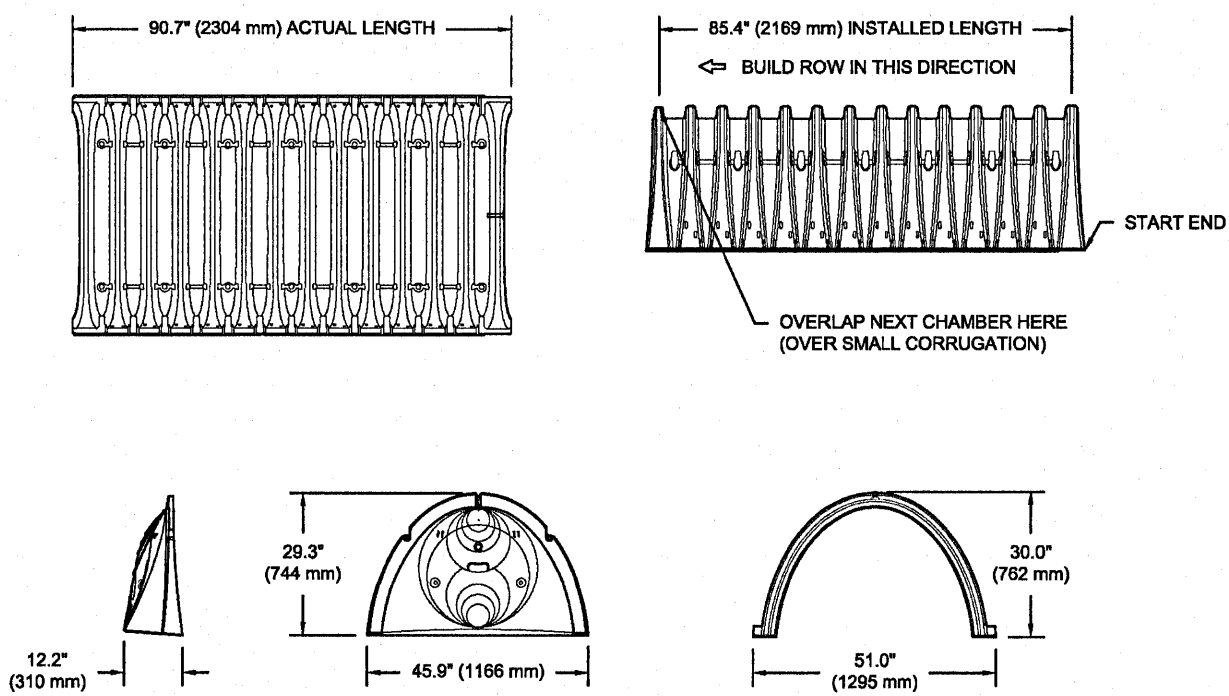
**ALDI Inc.** Store #: 156  
PENSACOLA, FLORIDA  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name & Location:

## SITE DETAILS

Drawing Name:	ISG Project No.
Type: v7.0 ER	21-25050
Drawn By: -	C-025
Designed By: -	Drawing No.
Reviewed By: -	

# SC-740 TECHNICAL SPECIFICATION



## NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	51.0" X 30.0" X 85.4"	(1295 mm X 762 mm X 2169 mm)
CHAMBER STORAGE	46.9 CUBIC FEET	(1.30 m³)
MINIMUM INSTALLED STORAGE <sup>1</sup>	74.9 CUBIC FEET	(2.12 m³)
WEIGHT	75.0 lbs.	(33.8 kg)

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

PRE-FAB STUB AT BOTTOM OF END CAP WITH FLAMP END WITH "BR"

PRE-FAB STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"

PRE-FAB STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"

PRE-CORED END CAPS END WITH "C"

PART #	STUB	A	B	C
SC740EP001 / SC740EP08TPC	6" (150 mm)	10.9" (277 mm)	18.5" (470 mm)	0.5" (13 mm)
SC740EP008 / SC740EP08BPC	—	—	—	—
SC740EP08T / SC740EP08TPC	8" (200 mm)	12.2" (310 mm)	16.5" (419 mm)	0.6" (15 mm)
SC740EP08B / SC740EP08BPC	—	—	—	—
SC740EP10T / SC740EP10TPC	10" (250 mm)	13.4" (340 mm)	14.5" (368 mm)	0.7" (18 mm)
SC740EP10B / SC740EP10BPC	—	—	—	—
SC740EP12T / SC740EP12TPC	12" (300 mm)	14.7" (373 mm)	12.5" (318 mm)	1.2" (30 mm)
SC740EP12B / SC740EP12BPC	—	—	—	—
SC740EP15T / SC740EP15TPC	15" (375 mm)	18.4" (467 mm)	9.0" (229 mm)	—
SC740EP15B / SC740EP15BPC	—	—	—	—
SC740EP18T / SC740EP18TPC	18" (450 mm)	19.7" (500 mm)	5.0" (127 mm)	1.3" (33 mm)
SC740EP18B / SC740EP18BPC	—	—	—	—
SC740EP24B*	24" (600 mm)	18.5" (470 mm)	—	0.1" (3 mm)
SC740EP24BR*	24" (600 mm)	18.5" (470 mm)	—	0.1" (3 mm)

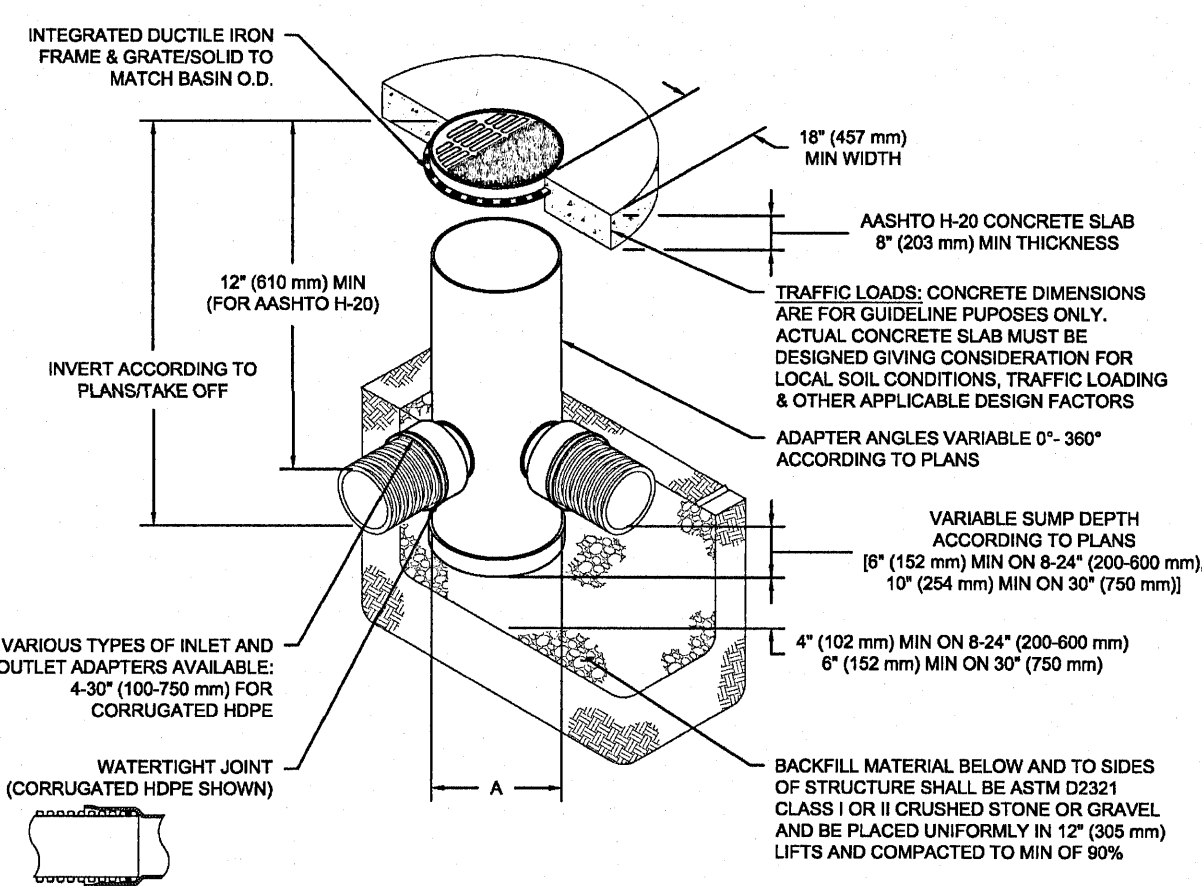
ALL STUBS, EXCEPT FOR THE SC740EP24B/SC740EP24BR ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-892-2684.

\* FOR THE SC740EP24B/SC740EP24BR 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.

ALDI #156-V-3	PENSACOLA, FL	DATE:	DRAWN: ES	CHECKED: N/A
PROJECT #:	PROJECT #:	PROJECT #:	PROJECT #:	PROJECT #:
DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION
REV	DRW	CHK	DATE	DATE
4400 TRUEMAN BLVD MILWAUKEE, WI 53208 1-800-753-7473	StormTech® Chamber System	888-892-2684   WWW.STORMTECH.COM	4400 TRUEMAN BLVD MILWAUKEE, WI 53208 1-800-753-7473	5 OF 6

# NYLOPLAST DRAIN BASIN



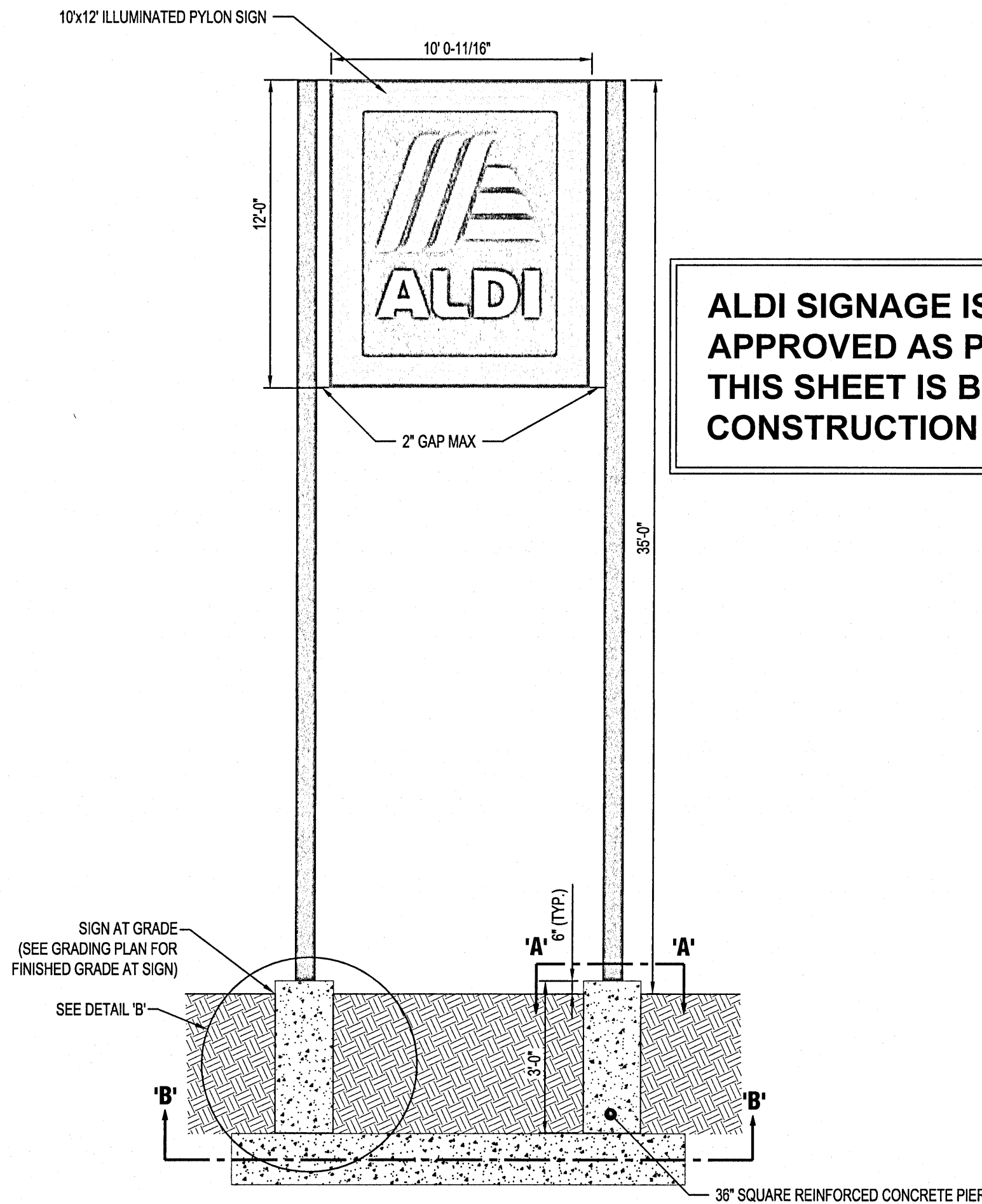
## NOTES

- 6-30" (200-750 mm) GRATES/SOLID COVERS SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
- 15-30" (200-750 mm) FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
- DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS
- DRAINAGE CONNECTION STUB JOINT THICKNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (A536 & HANCOR DUAL WALL) & SDR 35 PVC
- FOR COMPLETE DESIGN AND PRODUCT INFORMATION: [WWW.NYLOPLAST-US.COM](http://WWW.NYLOPLAST-US.COM)
- TO ORDER CALL: 800-851-8719

A	PART #	GRATE/SOLID COVER OPTIONS
200mm	2608AG	PEDESTRIAN LIGHT DUTY
10" (250 mm)	2610AG	PEDESTRIAN LIGHT DUTY
12" (300 mm)	2612AG	PEDESTRIAN AASHTO H-10
15" (375 mm)	2615AG	PEDESTRIAN AASHTO H-10
18" (450 mm)	2618AG	PEDESTRIAN AASHTO H-10
24" (600 mm)	2624AG	PEDESTRIAN AASHTO H-10
30" (750 mm)	2630AG	PEDESTRIAN AASHTO H-20

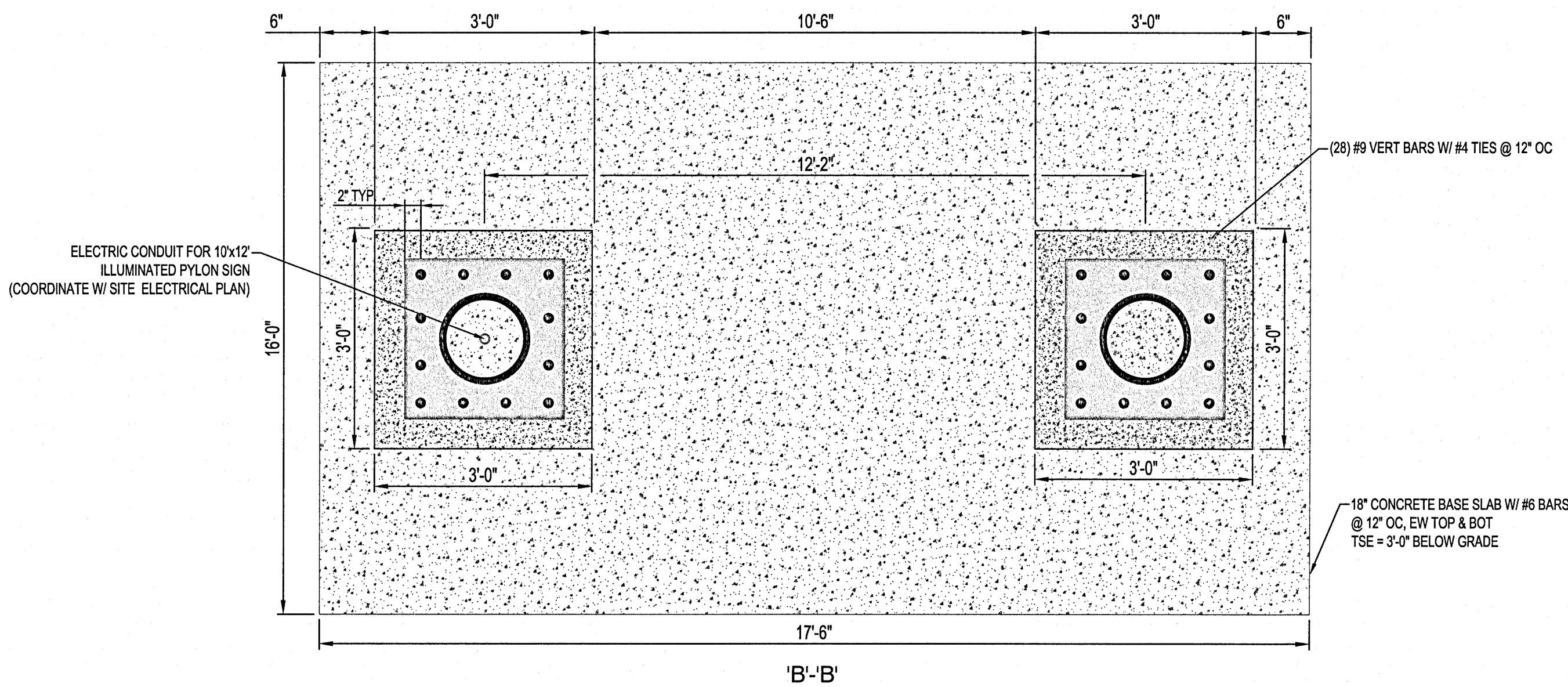
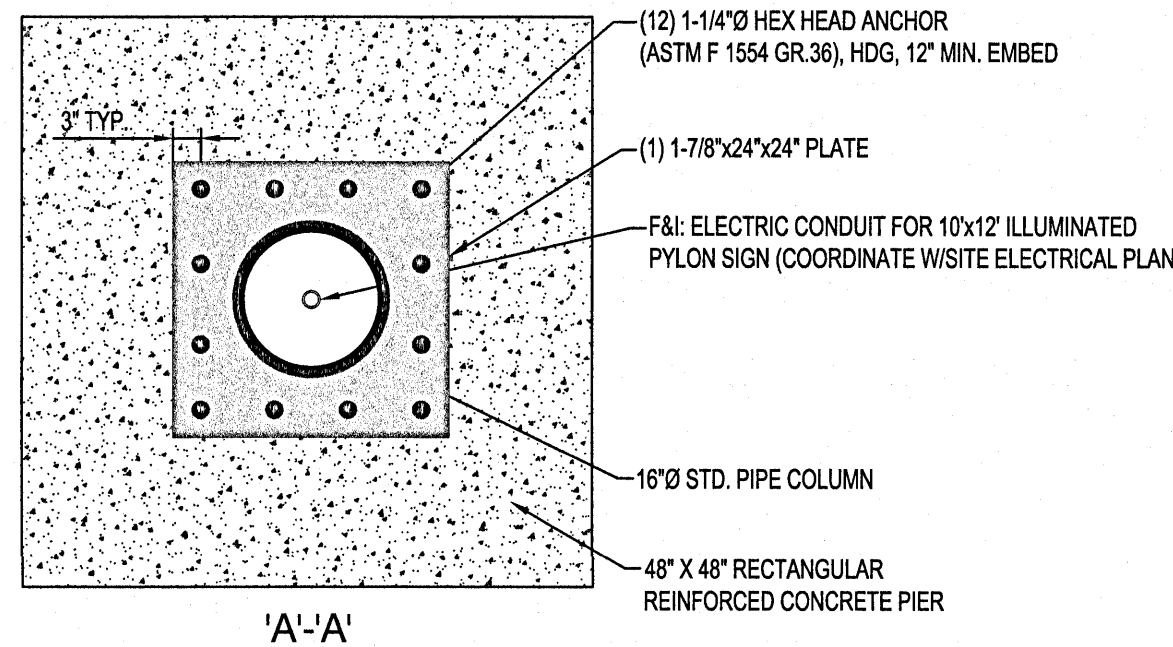
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PROJECT #:	PROJECT #:	PROJECT #:	PROJECT #:	PROJECT #:
DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION
REV	DRW	CHK	DATE	DATE
4400 TRUEMAN BLVD MILWAUKEE, WI 53208 1-800-753-7473	Nyloplast®	70582-2443   WWW.NYLOPLAST-US.COM	4400 TRUEMAN BLVD MILWAUKEE, WI 53208 1-800-753-7473	6 OF 6





PYLON SIGN DETAIL 'B'

N.T.S.



CONSTRUCTION NOTES:

A. SPECIFICATIONS

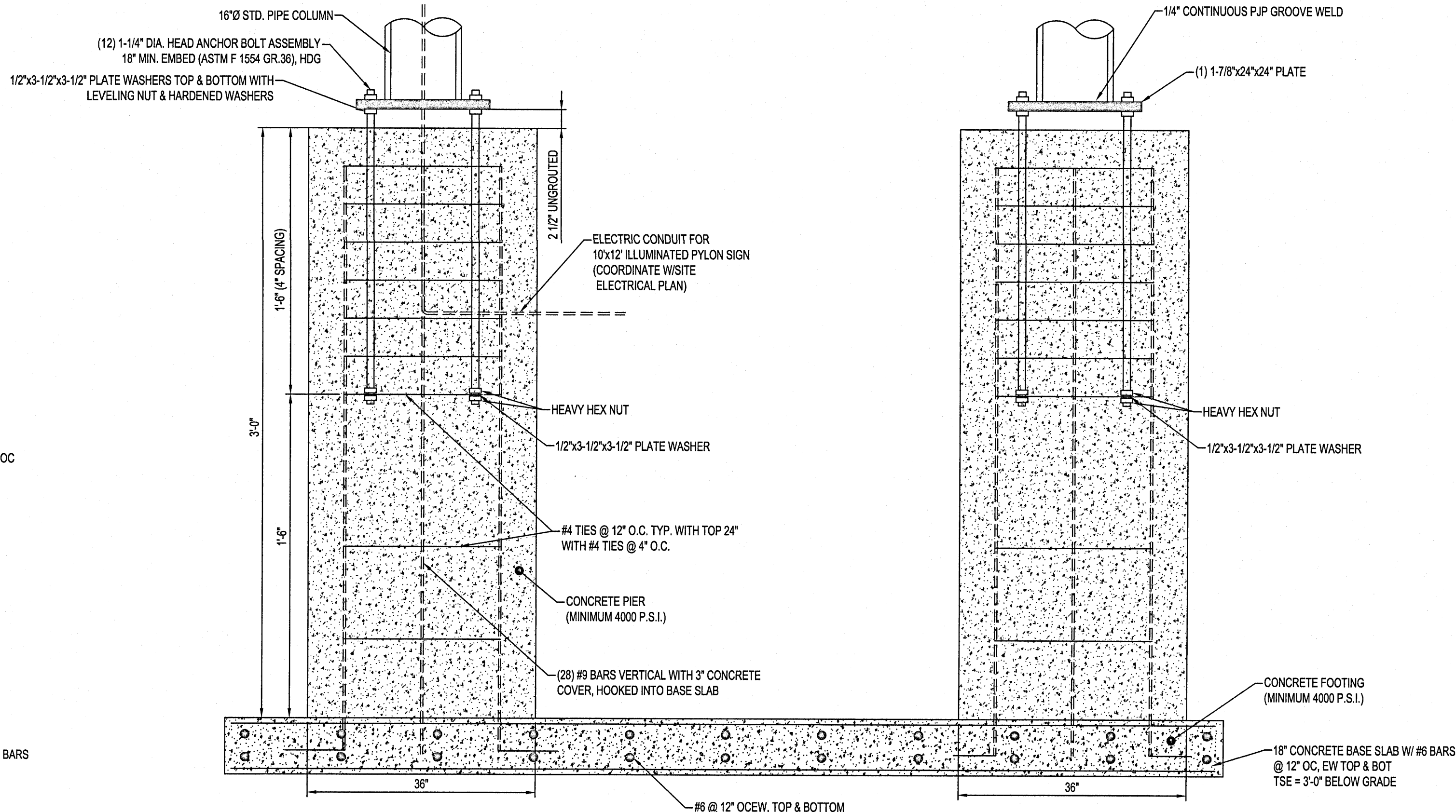
- DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE "STEEL CONSTRUCTION MANUAL", 15TH EDITION, BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, UNO.
- STEEL MATERIALS SHALL MEET THE REQUIREMENTS OF THE FOLLOWING SPECIFICATIONS, UNO.
  - HSS RECTANGULAR, ASTM A500 GRADE C,  $F_y = 50$  ksi
  - HSS ROUND, ASTM A500 GRADE C,  $F_y = 46$  ksi
  - PIPE, ASTM A53 GRADE B,  $F_y = 35$  ksi
  - PLATES AND BARS, ASTM A36,  $F_y = 36$  ksi
- ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.1 (LATEST EDITION) "STRUCTURAL WELDING CODE".
- CONCRETE SHALL BE NORMAL WEIGHT, UNO, AND MEET THE FOLLOWING CRITERIA.
  - $f'_c = 4,000$  psi
  - 6% +/- 1.5% AIR ENTRAINMENT
  - 0.55 MAXIMUM WATER-TO-CEMENT RATIO
  - CEMENT SHALL CONFORM TO ASTM C150, TYPE III
  - READY-MIX CONCRETE SHALL BE MIXED AND DELIVERED ACCORDANCE WITH ASTM C94.
  - CONCRETE SHALL BE CAST INPLACE AGAINST UNDISTURBED SOIL. A SONO-TUBE FORM SHOULD ONLY BE USED FOR THE TOP 12" OF THE FOOTING. CONCRETE FORM-WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACE 301 (LATEST EDITION) "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", EXCEPT AS MODIFIED BY THESE DRAWINGS.
- ALL ANCHOR RODS SHALL BE SUPPLIED AND INSTALLED BY THE CONCRETE CONTRACTOR, UNO, AND MEET THE FOLLOWING SPECIFICATIONS.
  - ALL ANCHOR RODS SHALL BE ASTM F1554, GRADE 36, HEX-HEAD, NUTS SHALL BE ASTM A563, GRADE A, HEAVY-HEX, HARDENED WASHERS SHALL BE ASTM A36, OVER-SIZED PLATE WASHERS SHALL BE ASTM A36, AND ALL HOT-DIPPED GALVANIZED.
  - ALL ANCHOR RODS SHALL BE SET WITH TEMPLATES.
- DEFORMED BAR REINFORCEMENT SHALL BE ASTM A615, GRADE 60, UNO, AND MEET THE FOLLOWING CRITERIA.
  - DEVELOPMENT LENGTH OF STRAIGHT BARS SHALL BE 48 TIMES THE DIAMETER OF THE BAR.
  - MINIMUM CLEAR CONCRETE COVER SHALL BE 3 INCHES.
  - ALL REINFORCING STEEL, ANCHOR RODS, DOWELS, AND INSERTS SHALL BE SECURED IN POSITION WITH WIRE POSITIONERS, OR EQUIVALENT, BEFORE PLACING CONCRETE.
- PLYON POLES ARE TO BE PAINTED "SHERWIN WILLIAMS SW-7019 GAUNTLET GRAY". FOLLOW MANUFACTURER'S SPEC FOR PAINTING.

B. SUBMITTALS:

- PRIOR TO SUBMITTAL, THE CONTRACTOR SHALL REVIEW THE SHOP DRAWINGS AND MAKE ANY CORRECTIONS REQUIRED. THE CONTRACTOR SHALL STAMP AND SIGN THE SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ENGINEER.
- THE CONTRACTOR SHALL SUBMIT PRODUCT DATA FOR PROPRIETARY MATERIAL AND ITEMS, INCLUDING FORMING ACCESSORIES, ADMIXTURES, PATCHING COMPOUNDS, SEALANTS, WATERSTOPS, JOINT SYSTEMS, CURING COMPOUNDS, AND OTHERS IN AND FOR CONSTRUCTION.
- THE FABRICATOR SHALL CLEARLY HIGHLIGHT/CLOUD ANY CHANGES MADE IN THE SHOP DRAWINGS WHICH DO NOT COMPLY WITH DESIGN DRAWINGS, ANY CHANGES MUST BE APPROVED BY THE ENGINEER PRIOR TO FABRICATION.
- CONTRACTOR TO SUBMIT THE FOLLOWING DRAWINGS TO ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION OF SIGN.
  - CONCRETE REINFORCING STEEL
  - ANCHOR RODS
  - CONCRETE MIX DESIGNS
  - STRUCTURAL STEEL
  - ADDITIONAL SHOP DRAWINGS REQUESTED IN THE SPECIFICATIONS.
- A COPY OF ALL SHOP DRAWINGS SHALL BE MAINTAINED ON SITE AT ALL TIMES.

C. QUALITY CONTROL AND QUALITY ASSURANCE:

- COORDINATE FOR ENGINEER OR OWNER'S INDEPENDENT TESTING AGENCY TO INSPECT AND APPROVE REINFORCING STEEL AND EMBEDS PRIOR TO ORDERING CONCRETE.
- COORDINATE FOR OWNER'S INDEPENDENT TESTING AGENCY TO BE ON SITE AND PERFORM CONTINUOUS INSPECTION WHILE CONCRETE PLACEMENT IS OCCURRING. PROVIDE NOTICE NO LESS THAN 48 HOURS IN ADVANCE OF CONCRETE PLACEMENT.
- COORDINATE WITH OWNER'S INDEPENDENT TESTING AGENCY TO SAMPLE CONCRETE AT TIME OF PLACEMENT IN ORDER TO PERFORM SLUMP, AIR, TEMPERATURE AND CASTING OF CYLINDERS.
- ANY AND ALL WORK PERFORMED WITHOUT PROPER INSPECTION AND TESTING AS OUTLINED IN THIS SPECIFICATION WILL BE CONSIDERED UNAUTHORIZED WORK. ANY CORRECTIVE MEASURES REQUIRED OF THE UNAUTHORIZED WORK WILL BE AT CONTRACTORS OWN EXPENSE.



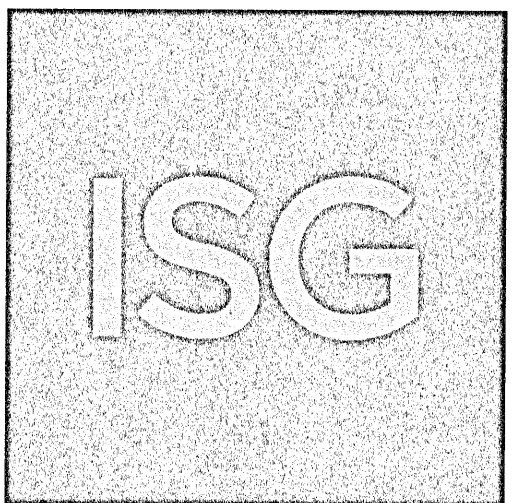
DETAIL 'B'

N.T.S.

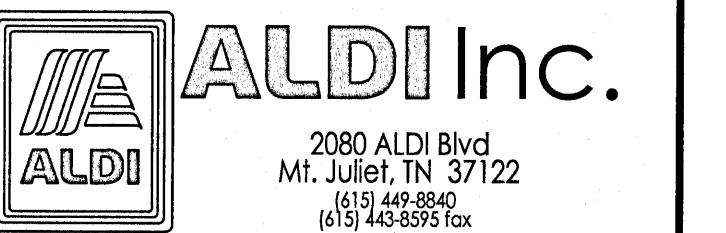
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B SITE PLAN REVIEW #2	06/24/21
C PERMIT/BID SET	07/28/21
D FOR CONSTRUCTION	09/10/21
E	
Revisions:	Date:
1	
2	
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Digitally signed  
by Andrew  
Brandel  
Date:  
2021.09.03  
09:30:45 -05'00'

**B.M. ELEVATION=72.38'**  
CUT 'X' LOCATED IN SIDEWALK AT THE  
NE CORNER OF THE INTERSECTION  
OF MOBILE HWY AND EDISON DRIVE.



**MANAGING LOCATION:**  
**MINNEAPOLIS / ST. PAUL OFFICE**  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



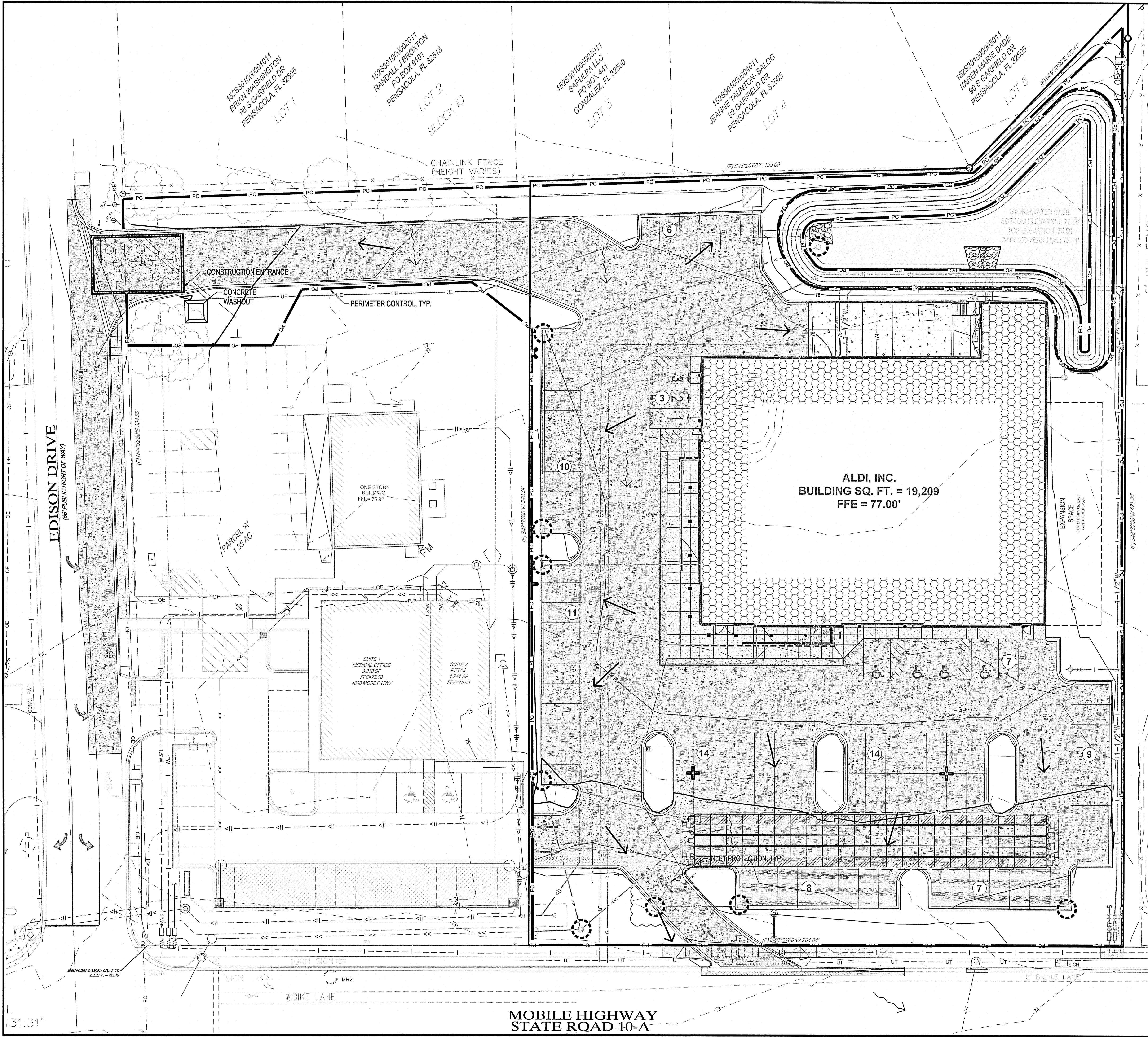
**ALDI Inc.** Store #: 156  
**PENSACOLA, FLORIDA**  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name & Location:

**PYLON SIGN DETAIL**

Drawing Name:	ISG Project No.
Type: v7.0 ER	21-25050
Drawn By: JMF	
Designed By: JMF	C-026
Reviewed By: RJA	Drawing No.





### EROSION CONTROL LEGEND

SYMBOL	DESCRIPTION
	RANDOM RIPRAP, 9"
	PERIMETER CONTROL
	STORM DRAIN INLET PROTECTION
	ROCK CONSTRUCTION EXIT
	EROSION CONTROL BLANKET
	CONCRETE WASHOUT AREA
	EXISTING DRAINAGE ARROW
	PROPOSED DRAINAGE ARROW
	EXISTING CONTOUR (MINOR INTERVAL)
	EXISTING CONTOUR (MAJOR INTERVAL)
	PROPOSED CONTOUR (MINOR INTERVAL)
	PROPOSED CONTOUR (MAJOR INTERVAL)

PERIMETER CONTROL CAN BE SILT FENCE OR SEDIMENT CONTROL LOG.  
SEE SITE RESTORATION PLAN FOR FINAL TURF ESTABLISHMENT.  
NOTE: EROSION CONTROL PLAN COVERAGE INCLUDES ELECTRIC, GAS, TELEPHONE, AND CABLE INSTALLATION. EACH COMPANY OR THEIR SUBCONTRACTOR IS RESPONSIBLE TO FOLLOW THE REQUIREMENTS OF THIS PLAN, INCLUDING PROVIDING THEIR OWN RESTORATION IF INSTALLATION OCCURS AFTER PRIMARY INSTALLATION OF SEEDING/SODDING/MULCHING DURING CONSTRUCTION OF EACH UTILITY.

### EROSION CONTROL QUANTITIES

DESCRIPTION	UNITS	QUANTITY
RANDOM RIPRAP, 9"	CY	9
STORM DRAIN INLET PROTECTION	EACH	9
PERIMETER CONTROL	LF	11
STABILIZED CONSTRUCTION EXIT	EACH	1
EROSION CONTROL BLANKET	SY	995
CONCRETE WASHOUT AREA	EA	1

QUANTITIES ARE FOR INFORMATIONAL PURPOSES TO MEET THE REQUIREMENTS OF THE CONSTRUCTION STORMWATER PERMIT. NO GUARANTEE IS MADE TO THE ACTUAL QUANTITIES REQUIRED.

### UTILITY LEGEND

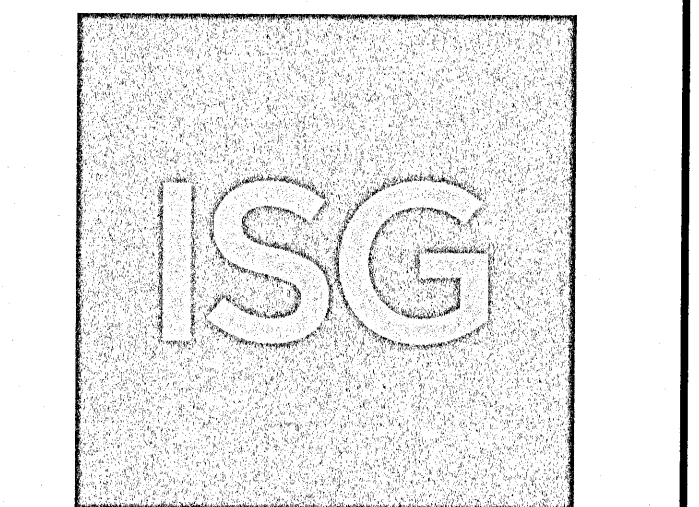
EXISTING		PROPOSED
	STORM DRAIN	
	SANITARY SEWER	
	SANITARY SEWER FORCEMAIN	
	WATER MAIN	
	GAS	
	OVERHEAD ELECTRIC	
	UNDERGROUND ELECTRIC	
	UNDERGROUND TELEPHONE	
	UNDERGROUND TV	
	OVERHEAD UTILITY	
	UNDERGROUND UTILITY	
	FIBER OPTIC	

NOTE:  
CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES.

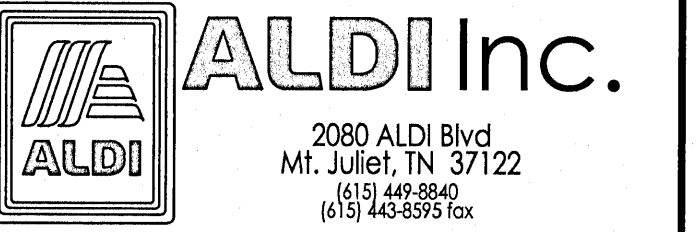
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Revisions:	Date:
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Digitally signed by Andrew Brandel  
Date: 2021.09.03 09:31:07 -05'00'

**B.M. ELEVATION=72.38'**  
CUT 'X' LOCATED IN SIDEWALK AT THE NE CORNER OF THE INTERSECTION OF MOBILE HWY AND EDISON DRIVE.



MANAGING LOCATION:  
MINNEAPOLIS / ST. PAUL OFFICE  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699

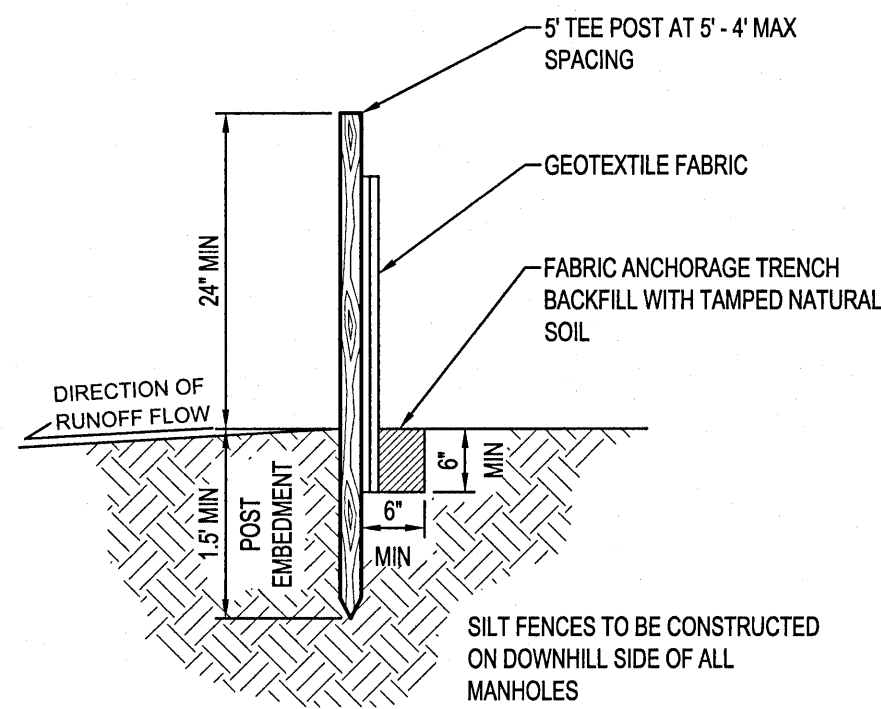


ALDI Inc. Store #: 156  
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ESCAMBIA COUNTY

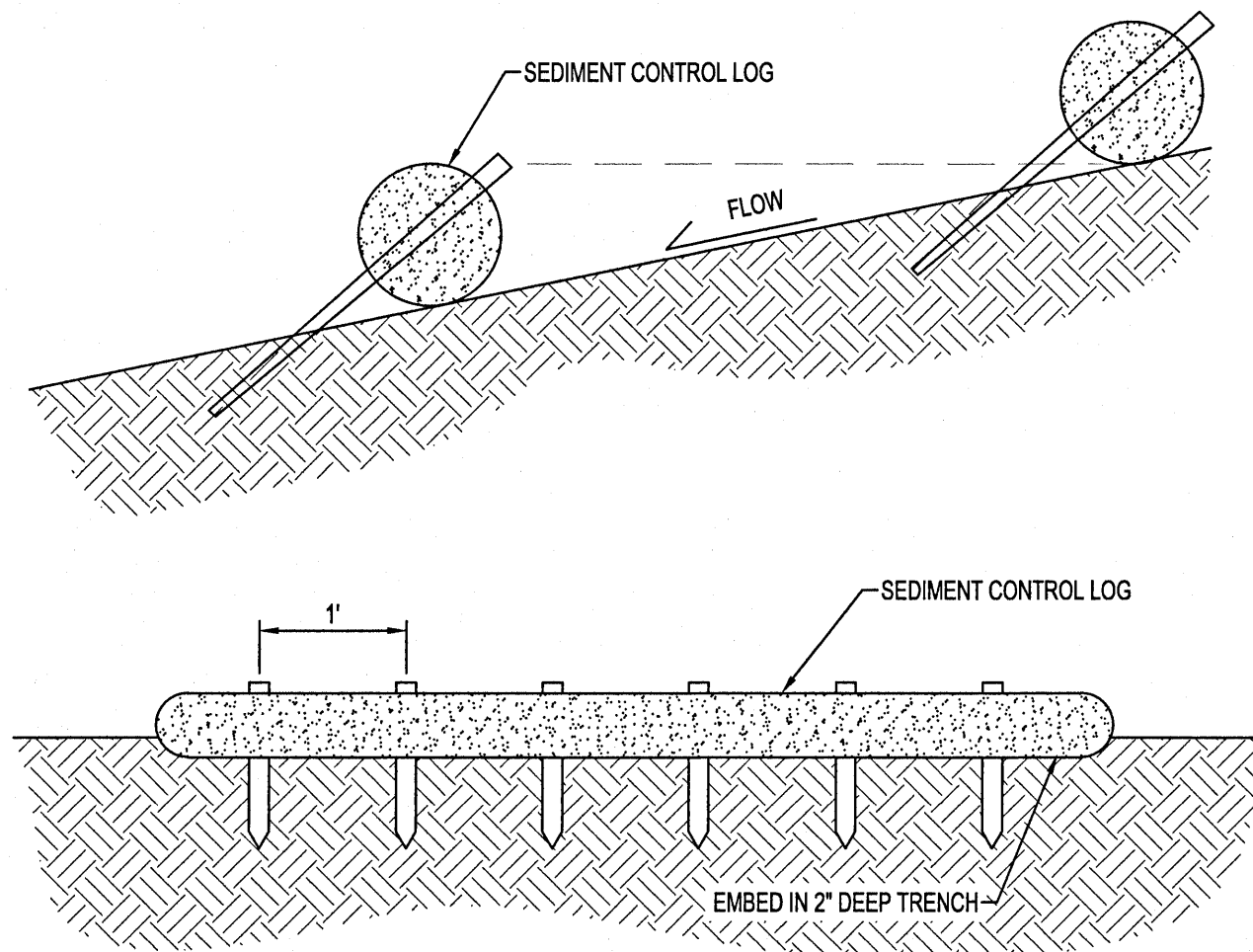
### SITE EROSION CONTROL PLAN

Drawing Name:	ISG Project No.
Type: V7.0 ER	21-25050
Drawn By: JMF	
Designed By: JMF	C-110
Reviewed By: RJA	Drawing No.



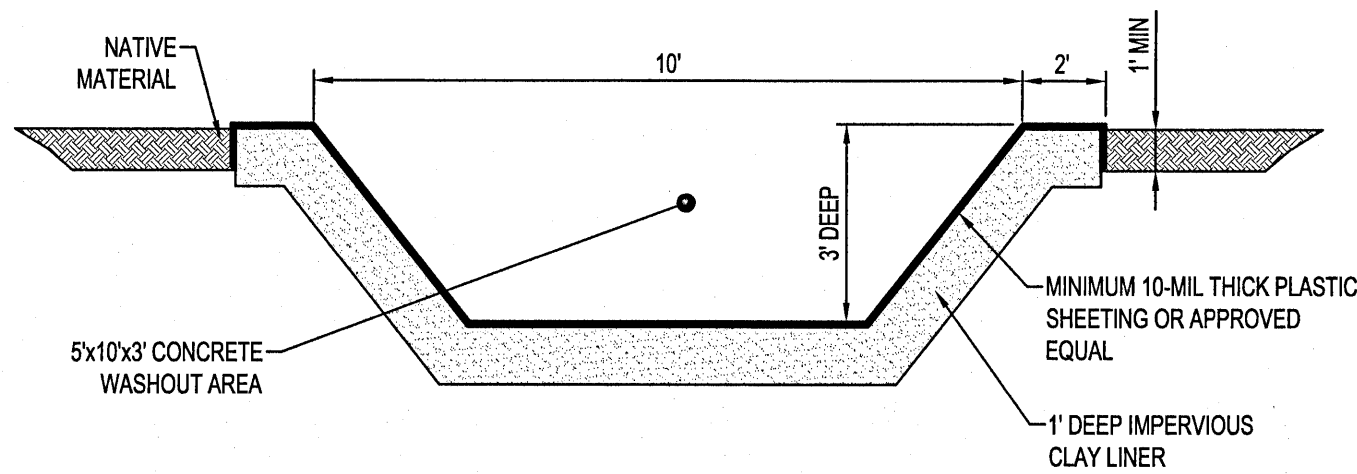


**SILT FENCE**  
NTS EC100



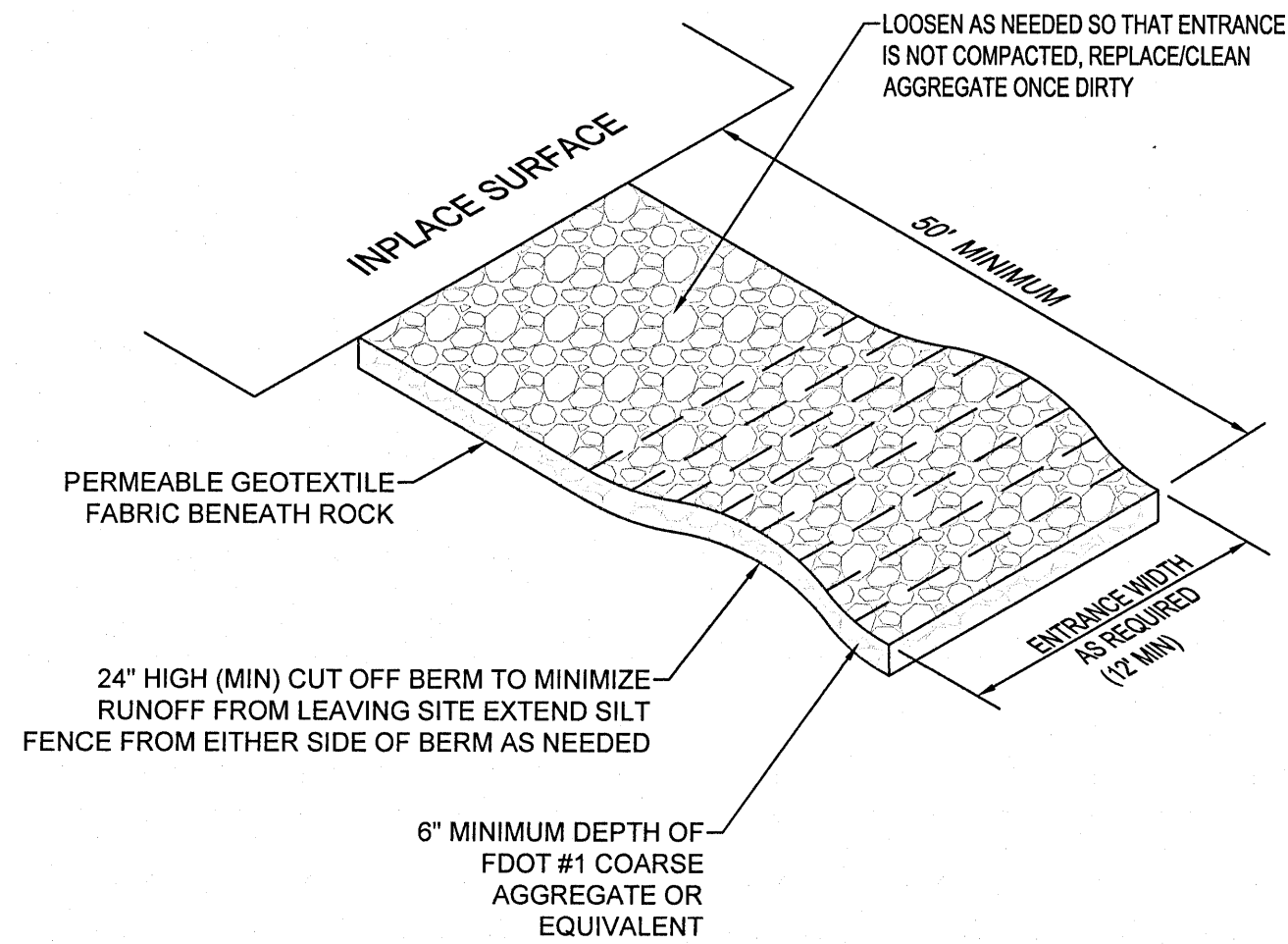
**NOTES:**  
SEDIMENT CONTROL LOGS TO BE 6" DIAMETER UNLESS OTHERWISE NOTED.  
STAKED INTO THE GROUND WITH WOOD STAKES.  
WOOD STAKES ARE A MINIMUM OF 2"x16"x $\frac{1}{2}$ " UNLESS PRECLUDED BY PAVED SURFACE OR ROCK.  
WOOD STAKES DRIVEN THROUGH BACK HALF OF SEDIMENT CONTROL LOG AT AN APPROXIMATE ANGLE OF 45° WITH THE TOP OF STAKE POINTING UP STREAM.  
WHEN MORE THAN ONE SEDIMENT CONTROL LOG IS NEEDED, OVERLAP ENDS A MINIMUM OF 6" AND STAKE

**SEDIMENT CONTROL LOG STAKING**  
NTS EC300

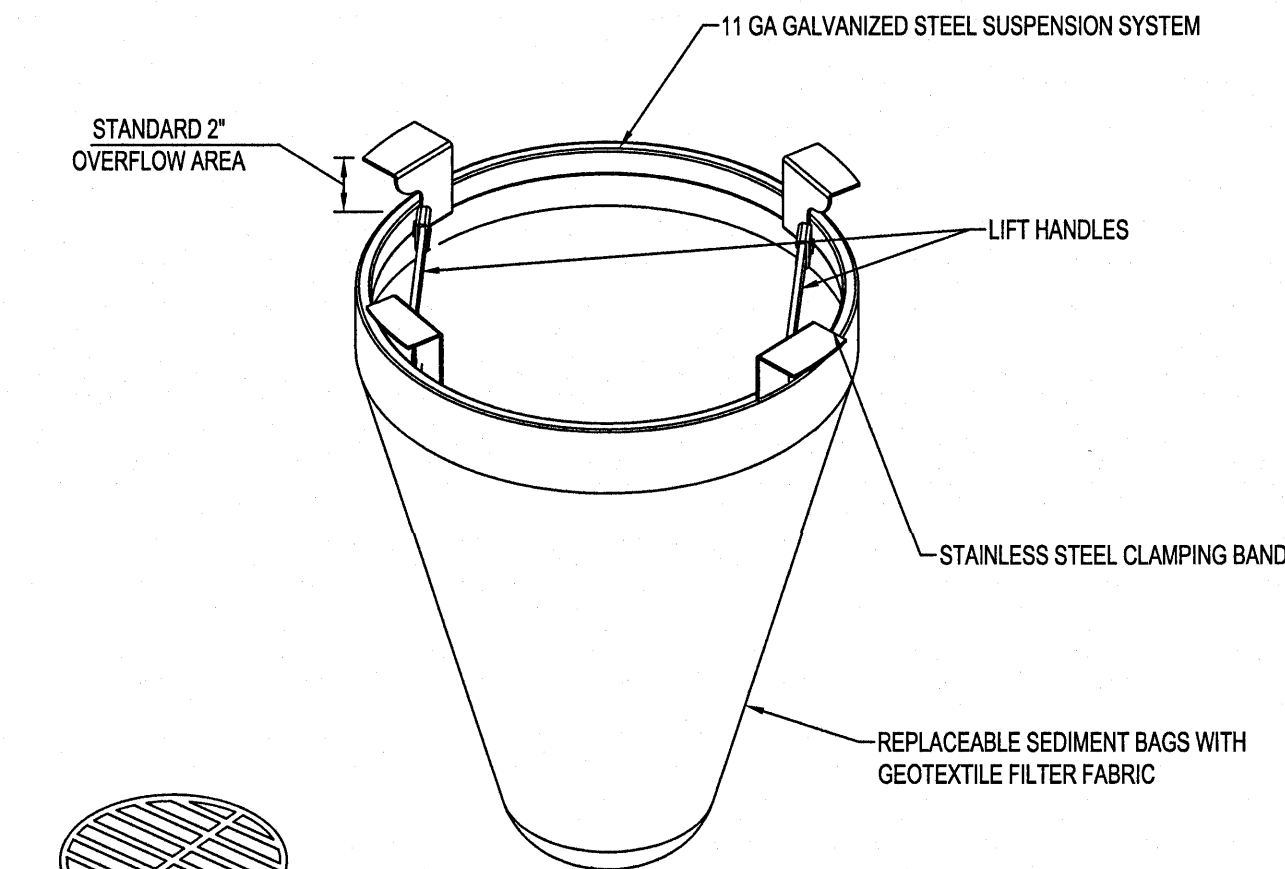


**NOTES:**  
CONTRACTOR SHALL INSTALL A SIGN INDICATING THE CONCRETE WASHOUT AREA.  
CONTRACTOR SHALL MAINTAIN WASHOUT AREA TO REMOVE MATERIALS BEYOND 75% CAPACITY.  
WASHOUT AREA SHALL NOT BE PLACED WITHIN 50' OF STORM DRAINS, OPEN DITCHES OR BODIES OF WATER.  
CONTRACTOR SHALL INSPECT WASHOUT AREA AS NECESSARY TO PREVENT LEAKS AND OVER TOPPING.  
WASHOUT AREA SHALL BE REMOVED AFTER CONSTRUCTION IS COMPLETE.

**CONCRETE WASHOUT**  
NTS EC500

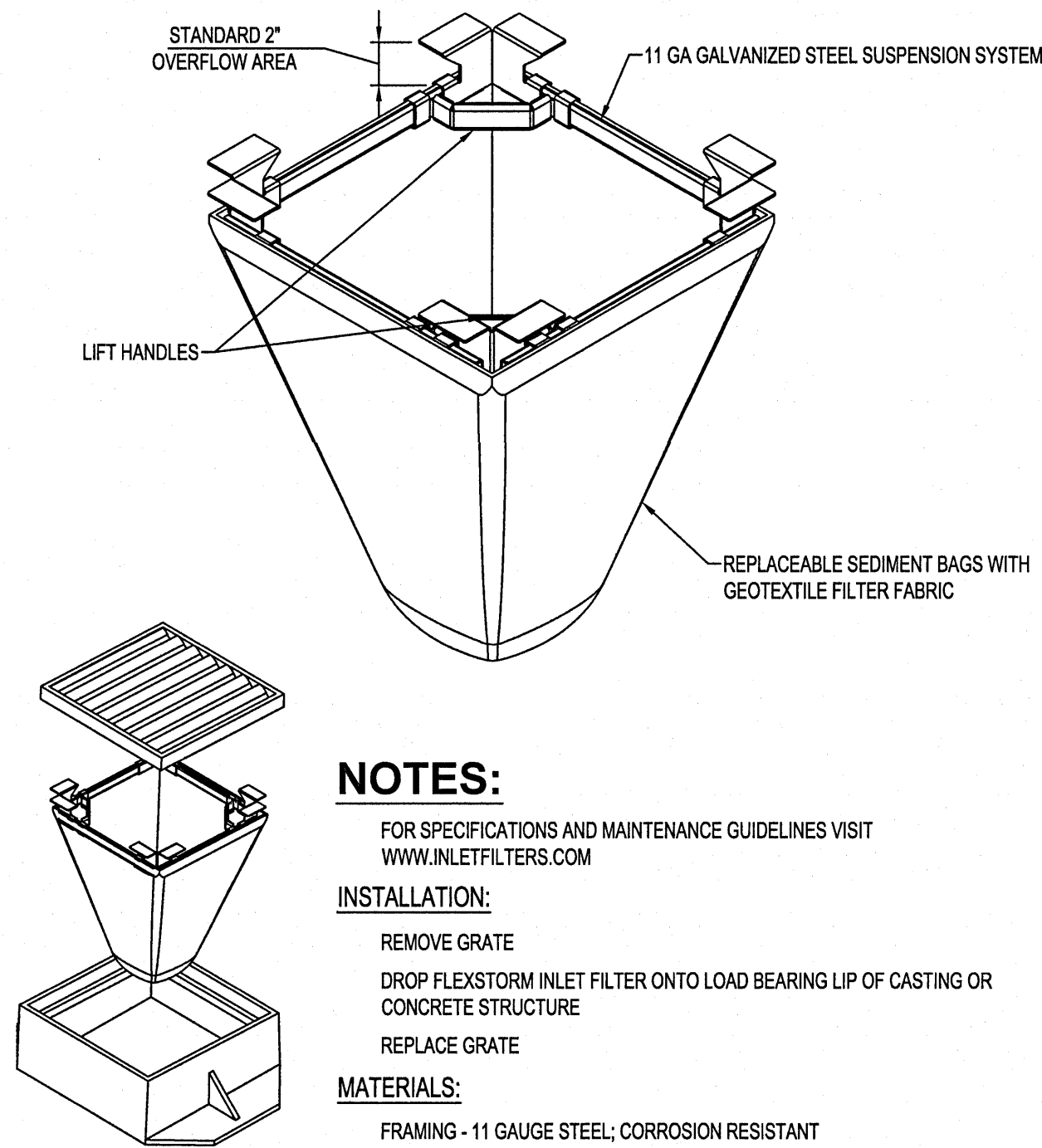


**STABILIZED CONSTRUCTION EXIT**  
NTS EC600



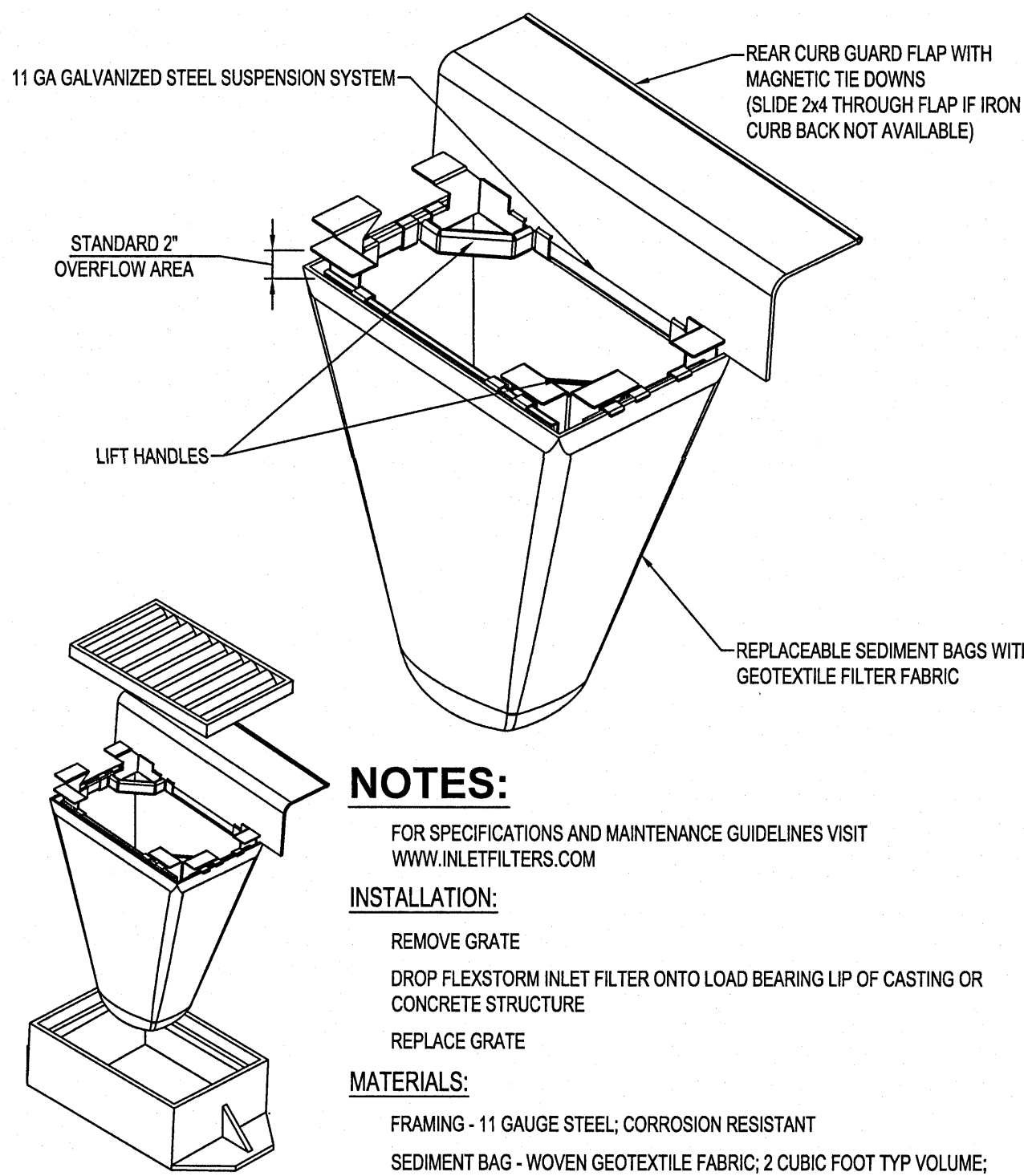
**NOTES:**  
FOR SPECIFICATIONS AND MAINTENANCE GUIDELINES VISIT  
WWW.INLETFILTERS.COM  
**INSTALLATION:**  
REMOVE GRATE  
DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE  
REPLACE GRATE  
**MATERIALS:**  
FRAMING - 11 GAUGE STEEL; CORROSION RESISTANT  
SEDIMENT BAG - WOVEN GEOTEXTILE FABRIC; 2 CUBIC FOOT TYP VOLUME;  
STAINLESS STEEL LOCKING BAND SECURING BAG TO FRAME

**ROUND FILTER  
INLET PROTECTION**  
NTS EC210



**NOTES:**  
FOR SPECIFICATIONS AND MAINTENANCE GUIDELINES VISIT  
WWW.INLETFILTERS.COM  
**INSTALLATION:**  
REMOVE GRATE  
DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE  
REPLACE GRATE  
**MATERIALS:**  
FRAMING - 11 GAUGE STEEL; CORROSION RESISTANT  
SEDIMENT BAG - WOVEN GEOTEXTILE FABRIC; 2 CUBIC FOOT TYP VOLUME;  
STAINLESS STEEL LOCKING BAND SECURING BAG TO FRAME

**RECTANGULAR FILTER  
INLET PROTECTION**  
NTS EC211



**NOTES:**  
FOR SPECIFICATIONS AND MAINTENANCE GUIDELINES VISIT  
WWW.INLETFILTERS.COM  
**INSTALLATION:**  
REMOVE GRATE  
DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE  
REPLACE GRATE  
**MATERIALS:**  
FRAMING - 11 GAUGE STEEL; CORROSION RESISTANT  
SEDIMENT BAG - WOVEN GEOTEXTILE FABRIC; 2 CUBIC FOOT TYP VOLUME;  
STAINLESS STEEL LOCKING BAND SECURING BAG TO FRAME

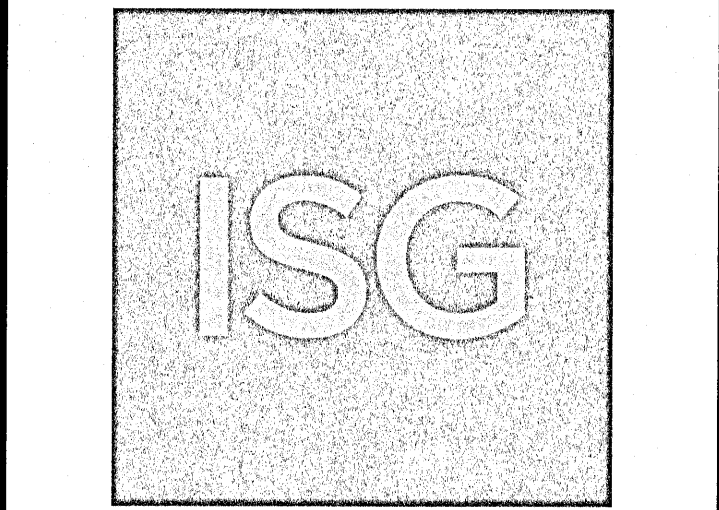
**CURB BOX FILTER  
INLET PROTECTION**  
NTS EC212

Issued:	Date:
A SITE PLAN REVIEW #1	05/18/21
B SITE PLAN REVIEW #2	06/24/21
C PERMIT/BID SET	07/28/21
D FOR CONSTRUCTION	09/10/21
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Revisions:	Date:
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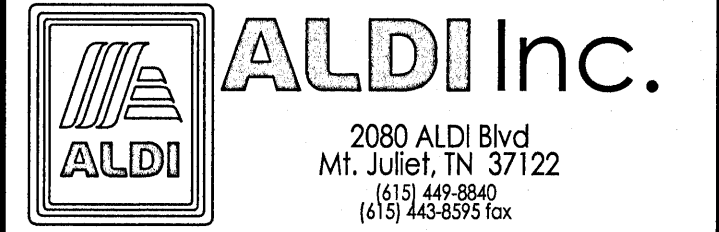
Digitally  
signed by  
Andrew  
Brandel  
Date:  
2021.09.03  
09:31:29  
-05'00'



**B.M. ELEVATION=72.38'**  
CUT 'X' LOCATED IN SIDEWALK AT THE  
NE CORNER OF THE INTERSECTION  
OF MOBILE HWY AND EDISION DRIVE.



**MANAGING LOCATION:**  
**MINNEAPOLIS / ST. PAUL OFFICE**  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



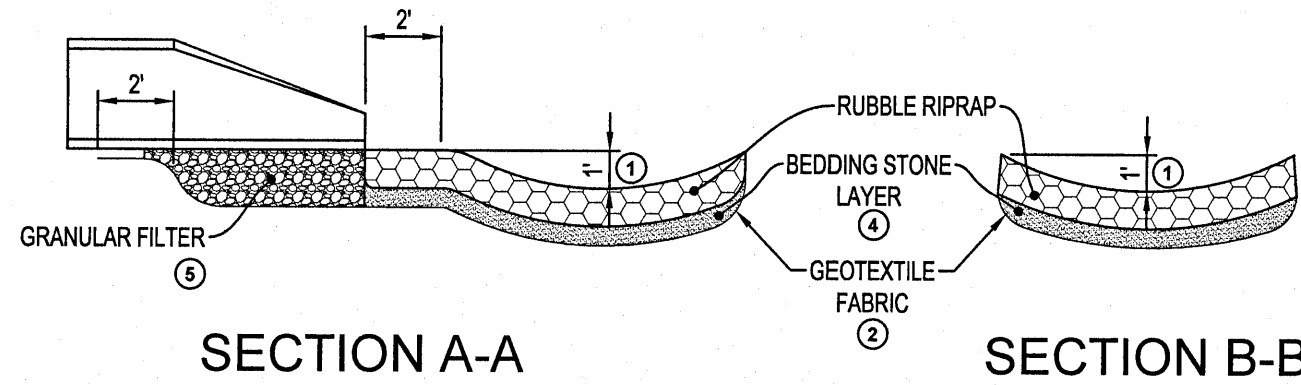
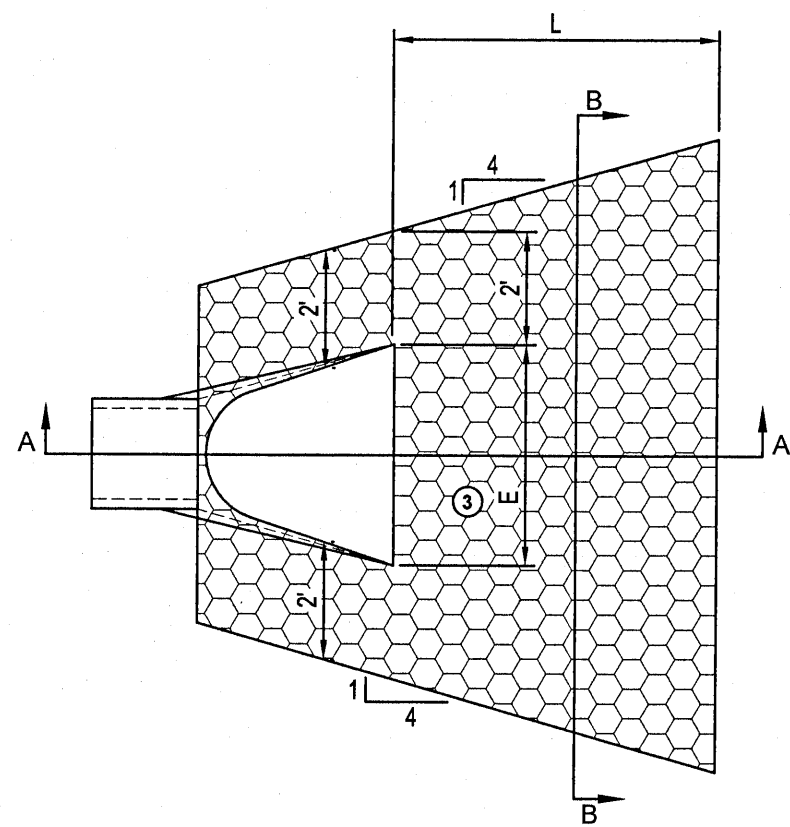
ALDI Inc. Store #: 156  
PENSACOLA, FLORIDA  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name & Location:

**SITE EROSION  
CONTROL DETAILS**

Drawing Name:	ISG Project No.
Type: v7.0 ER	21-25050
Drawn By: JMF	
Designed By: JMF	C-120
Reviewed By: RJA	Drawing No.

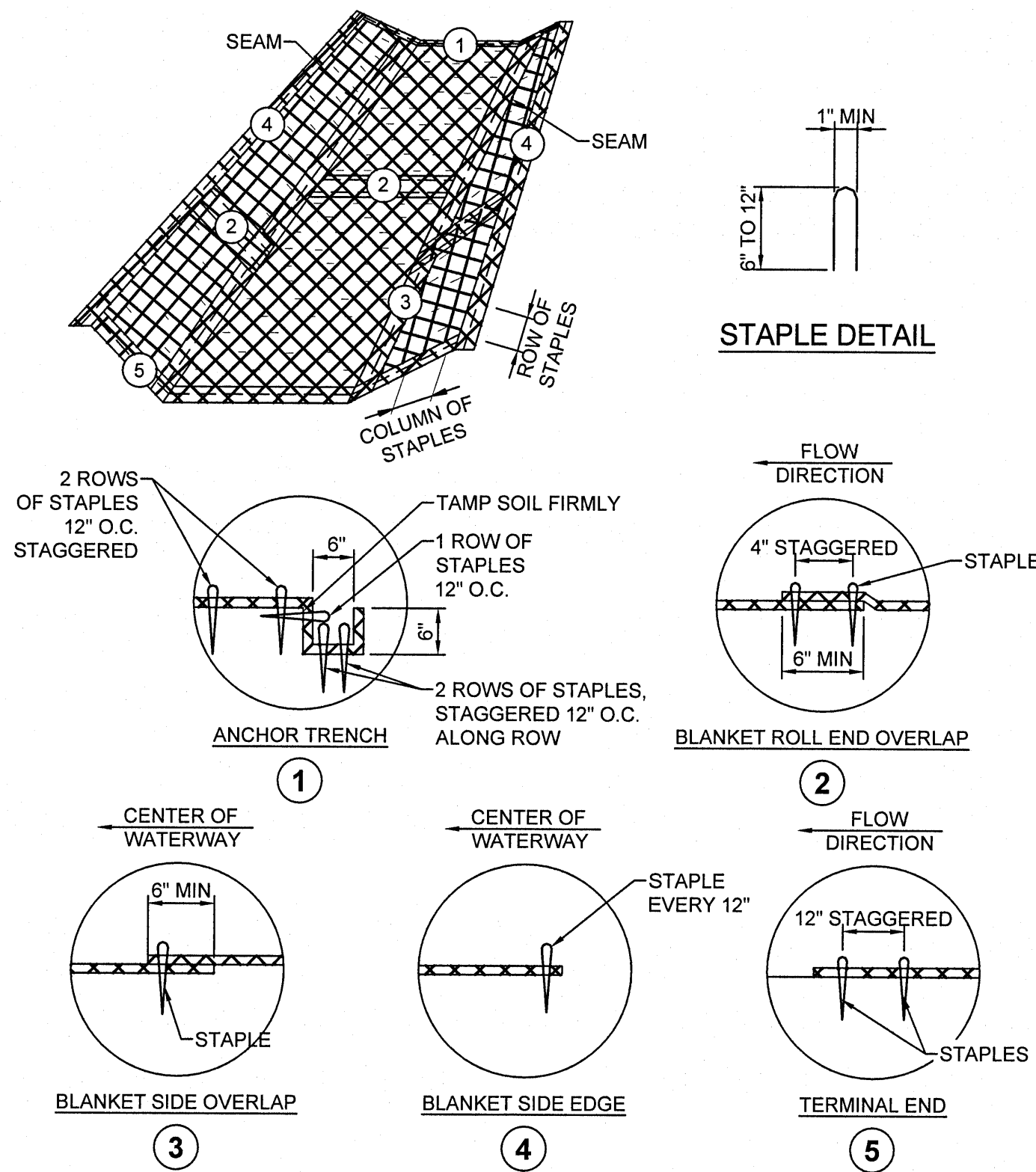




DIMENSIONS			
PIPE Ø (INCHES)	L (FEET)	PIPE Ø (INCHES)	L (FEET)
12	8	27	12
15	8	30	14
18	10	36	16
21	10	42	18
24	12	48	20

- NOTES:**
- REQUIREMENTS FOR GEOTEXTILE TYPE, RIPRAP SIZE AND THICKNESS WILL BE DESIGNATED IN THE PLANS.
- PIPE SIZES LARGER THAN THOSE SHOWN REQUIRE A SPECIAL DESIGN
- ① FOR PIPES GREATER THAN OR EQUAL TO 30", USE 1.5'
- ② GEOTEXTILE FABRIC - NON WOVEN MONOFILAMENT TYPE D-2 PER FDOT INDEX 199, SHALL COVER THE BOTTOM AND SIDES OF THE AREA EXCAVATED FOR THE RIPRAP, GRANULAR FILTER MATERIALS
- ③ DIMENSION 'E' IS THE WIDTH AT THE END OF THE FES.
- ④ BEDDING STONE LAYER MEETING THE REQUIREMENTS OF FDOT SPECIFICATION 530-2.3.
- RUBBLE RIPRAP, FDOT SPEC. 530-2.2.2, TO EXTEND UNDER THE ENTIRE OPEN PORTION OF PIPE APRON. BROKEN SIDEWALKS OR PAVEMENT SHALL NOT BE USED. DEPTH OF MATERIAL UNDER APRON SHALL MATCH RIPRAP DEPTH. WHEN USING RIPRAP, INCREASE RIPRAP QUANTITY ACCORDINGLY AND PLACE A 3" LAYER OF 1.5" CRUSHED ROCK UNDER THE APRON TO AID IN GRADING FOR APRON PLACEMENT. CRUSHED ROCK IS INCIDENTAL.

RIPRAP AT RCP OUTLET  
NTS EC400



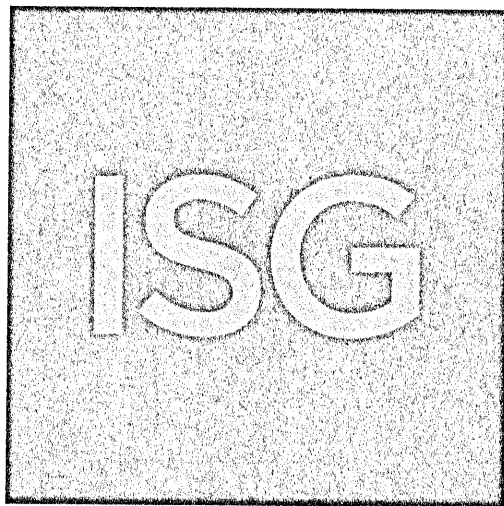
- NOTES:**
- INSTALL EROSION CONTROL BLANKET (ECB) OVER WATERWAYS AS SHOWN IN THE STORM WATER POLLUTION PREVENTION PLAN.
- THE ECB SHALL CONFORM TO MnDOT STANDARD SPECIFICATIONS SECTION 3885.
- PREPARE SOIL PRIOR TO INSTALLING ECB, INCLUDING SEEDING AND FERTILIZING.
- THE ECB SHALL BE PLACED IN FIRM CONTACT WITH THE SOIL AND NOT BE ALLOWED TO BRIDGE OVER SURFACE IRREGULARITIES. THE MAT SHALL NOT BE STRETCHED.
- START LAYING THE MATS BY ROLLING CENTER MAT IN THE DIRECTION OF FLOW, CENTERED ON THE CENTERLINE OF WATERWAY. THERE SHALL NOT BE AN OVERLAP OF MATS AT THE CENTER OF THE WATERWAY.
- THE ECB SHALL BE ANCHORED, OVERLAPPED, AND STAPLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS. IF NO MANUFACTURER'S INSTRUCTIONS ARE AVAILABLE, INSTALL THE MAT AS FOLLOWS.
- STAPLES SHALL BE 1/8" SHAPED, 0.12" DIAMETER WIRE OR GREATER (#11 GAUGE). (SEE STAPLE DETAIL FOR DIMENSIONS)
- ① BURY UPSTREAM END OF MAT IN A TRENCH 6" WIDE BY 6" DEEP AND STAPLED IN STAGGERED ROWS ACROSS THE WIDTH AS SHOWN IN DETAIL 1.
- C. FOR JOINING ENDS OF ROLLS, OVERLAP END OF UP SLOPE MAT A MINIMUM OF 6" OVER DOWN SLOPE MAT (SHINGLE STYLE). USE A DOUBLE ROW OF STAGGERED STAPLES 4" APART, AS SHOWN IN DETAIL 2.
- ③ D. MATS ON SIDE SLOPES SHALL OVERLAP A MINIMUM OF 6" OVER THE MAT BELOW (SHINGLE STYLE). STAPLE OVERLAP AT 12" INTERVALS. (SEE DETAIL 3)
- ④ E. THE OUTER EDGE ALONG SIDES OF THE MAT SHALL BE STAPLED EVERY 12". (SEE DETAIL 4)
- F. STAPLES ARE TO BE PLACED ALTERNATELY IN COLUMNS (IN THE DIRECTION OF THE WATERWAY) 2' APART AND IN ROWS (ACROSS THE WATERWAY) 3' APART THROUGHOUT THE AREA COVERED BY THE ECB.
- ⑥ G. DOWNSTREAM (TERMINAL) END OF BLANKET SHALL BE STAPLED WITH A DOUBLE ROW OF STAGGERED STAPLES 12" APART. (SEE DETAIL 5)

EROSION CONTROL BLANKET INSTALLATION  
NTS EC700

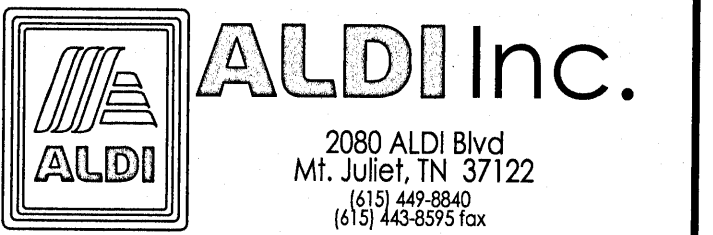
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Digitally signed  
by Andrew  
Brandel  
Date:  
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09:31:51 -05'00'

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NE CORNER OF THE INTERSECTION  
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**MANAGING LOCATION:**  
**MINNEAPOLIS / ST. PAUL OFFICE**  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



**ALDI Inc. Store #: 156**  
**PENSACOLA, FLORIDA**  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name & Location:

**SITE EROSION  
CONTROL DETAILS**

Drawing Name:		ISG Project No.
Type:	V7.0 ER	21-25050
Drawn By:	JMF	
Designed By:	JMF	C-121
Reviewed By:	RJA	Drawing No.



STORMWATER POLLUTION PREVENTION PLAN (SWPPP) NARRATIVE

PROJECT LOCATION  
PROJECT/SITE NAME: ALDI STORE #166  
PROJECT LOCATION: 4830 MOBILE HIGHWAY  
CITY/TOWNSHIP: PENSACOLA  
COUNTY/STATE: FLORIDA  
ZIP CODE: 32508  
LATITUDE/LONGITUDE: 30.440372, -87.91494

PROJECT DESCRIPTION  
THE PROJECT INCLUDES CONSTRUCTION OF A NEW ALDI GROCERY STORE WITH A PARKING LOT AND ASSOCIATED UNDERGROUND UTILITIES AND STORMWATER MANAGEMENT.

TENTATIVE CONSTRUCTION SCHEDULE (OPERATOR SHOULD PROVIDE ESTIMATED CONSTRUCTION SCHEDULE TO THE OWNERS REPRESENTATIVE)	
CONSTRUCTION ACTIVITIES:	ESTIMATED DATES OF SOIL DISTURBANCE ACTIVITIES:
CLEARING AND GRUBBING OPERATIONS, GRADING	SEPTEMBER 2021 - NOVEMBER 2021
CURB & GUTTER/SIDEWALK	APRIL 2022 - MAY 2022
PAVING	APRIL 2022 - MAY 2022
LANDSCAPING, FINAL TURF, MISC.	JUNE 2022 - JULY 2022

PRE-CONSTRUCTION IMPERVIOUS SURFACE AND DISTURBED AREA CALCULATIONS  
TOTAL AREA TO BE DISTURBED = 2.5 ACRES MINIMUM AREA REQUIRING DEP PERMIT = 1.00 ACRES  
\*\*AN FL DEP NPDES PERMIT IS REQUIRED FOR THIS PROJECT\*\*  
IMPERVIOUS AREA: PRE-CONSTRUCTION = 0.16 ACRES  
POST-CONSTRUCTION = 1.174 ACRES  
NET INCREASE OF IMPERVIOUS AREA = 1.58 ACRES

CONTACT INFORMATION/RESPONSIBLE PARTIES  
THE OWNER OWNS THE LAND, ADJACENT ROADS, AND EASEMENT AREAS ASSOCIATED WITH THE PROJECT. THE OWNER IS THE OWNER CO-PERMITTEE APPLYING FOR PERMIT COVERAGE AND WILL BE RESPONSIBLE FOR COMPLIANCE WITH ALL TERMS AND CONDITIONS OF THE PERMIT INCLUDING DEVELOPING THIS SWPPP AND THE LONG-TERM MAINTENANCE PLAN OF THE PERMANENT STORMWATER MANAGEMENT SYSTEM FOR THIS PROJECT (IF APPLICABLE). THE OWNER WILL ENSURE THAT THE DESCRIBED WORK IN THE SWPPP IS BEING COMPLETED BY THE OPERATOR PERMITTEE.

OWNER/PERMITTEE: ALDI, INC. (SPENCER SCHIMMEL, DIRECTOR OF REAL ESTATE)  
2080 ALDI BOULEVARD  
MT. JULIET, TN 37122  
615.449.8840 / SPENCER.SCHIMMEL@ALDI.US

THE PRIMARY CONTRACTOR WILL ENTER INTO A CONTRACT WITH THE OWNER TO COMPLETE THE REQUIRED WORK FOR THIS PROJECT. THE PRIMARY CONTRACTOR WILL BECOME (UNDER CONTRACT) THE OPERATOR CO-PERMITTEE ON THE NPDES PERMIT (THROUGH EXECUTION OF A NPDES PERMIT MODIFICATION FORM), AND THEREBY AGREE TO IMPLEMENT THIS SWPPP IN COMPLIANCE WITH THE OWNER. THE OPERATOR IS RESPONSIBLE FOR IDENTIFYING AN EROSION CONTROL SUPERVISOR PRIOR TO STARTING CONSTRUCTION (REFER TO SWPPP AMENDMENT SECTION).

THE OPERATOR WILL ENSURE THAT INDIVIDUALS OVERSEEING OR IMPLEMENTING THE SWPPP HAVE BEEN PROPERLY TRAINED AND THAT CERTIFICATIONS WILL BE MADE AVAILABLE UPON REQUEST. THIS INCLUDES ANY SUB-CONTRACTORS THAT THE OPERATOR EMPLOYS UNDER SEPARATE CONTRACT. THE OPERATOR WILL PROVIDE THE CONTACT INFORMATION FOR THE EROSION CONTROL SUPERVISOR, THE EROSION CONTROL SUPERVISOR, AND BMP INSTALLERS. THE EROSION CONTROL SUPERVISOR SHALL BE A RESPONSIBLE EMPLOYEE OF THE PRIME CONTRACTOR AND/OR DULY AUTHORIZED BY THE PRIME CONTRACTOR TO REPRESENT THE PRIME CONTRACTOR ON ALL MATTERS PERTAINING TO THE NPDES CONSTRUCTION STORMWATER PERMIT COMPLIANCE. THE EROSION CONTROL SUPERVISOR SHALL HAVE AUTHORITY OVER ALL OPERATOR INFLUENCE NPDES PERMIT COMPLIANCE, INCLUDING GRADING, EXCAVATION, UTILITY WORK, CLEARING/GRUBBING, DEWATERING, AND ANY OTHER OPERATION THAT INCREASES THE EROSION POTENTIAL ON THE PROJECT.

THE OPERATOR WILL PERFORM A PRECONSTRUCTION SITE VISIT TO ADDRESS ANY AREAS OF CONCERN PERTAINING TO ENVIRONMENTAL COMPLIANCE. THE OPERATOR WILL IMPLEMENT AND MAINTAIN BMPs FOR THE DURATION OF CONSTRUCTION PROJECT. THE OPERATOR WILL COMPLETE THE REQUIRED SITE INSPECTIONS, AND IS RESPONSIBLE TO REMAIN IN COMPLIANCE WITH NPDES PERMIT.

OPERATOR/PERMITTEE: (TO BE DETERMINED AND IDENTIFIED THROUGH TRANSFER OF NPDES-CSW PERMIT)

SWPPP DESIGNER:  
ISG INC. (ANDY BRANDEL)  
7900 INTERNATIONAL DR., SUITE 550  
MINNEAPOLIS, MN 55425  
952-426-0699/ANDY.BRANDEL@ISGINC.COM

PERMANENT STORMWATER MANAGEMENT SYSTEM:  
ISG INC. (ANDY BRANDEL)  
7900 INTERNATIONAL DR., SUITE 550  
MINNEAPOLIS, MN 55418  
952-426-0699/ANDY.BRANDEL@ISGINC.COM

CONSTRUCTION ACTIVITY REQUIREMENTS: SEDIMENT CONTROL PRACTICES, PROCEDURES, & MAINTENANCE STANDARDS

DOWNGRAIDENT SYSTEMS: IF THE DOWNGRAIDENT TREATMENT SYSTEM IS OVERLOADED, ADDITIONAL UP GRADIENT SEDIMENT CONTROL PRACTICES OR REDUNDANT BMPs MUST BE INSTALLED TO ELIMINATE THE OVERLOADING, AND THE SWPPP MUST BE AMENDED TO IDENTIFY THESE ADDITIONAL PRACTICES.

PERIMETER CONTROL BMPs (SILT FENCES, CHIP/SLASH MULCH SACKS, BIOROLLS, FLOATING SILT CURTAIN, ETC.): PERIMETER CONTROL BMPs SHALL BE INSTALLED ON ALL DOWNGRAIDENT PERIMETERS AND UPGRAIDENT OF ANY BUFFER AREAS, PRIOR TO INITIATING UPGRAIDENT LAND DISTURBANCE ACTIVITIES. UPLAND PERIMETER CONTROLS BMPs SHALL BE PLACED AS CLOSE AS POSSIBLE TO A SINGLE CONTIGUOUS PERIMETER. UPLAND PERIMETER CONTROL DEVICES MUST BE REPAIRED, REPLACED, OR MAINTAINED WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHES 1/2 OF THE HEIGHT OF THE DEVICE. FLOATING SILT CURTAIN SHALL BE INSTALLED AS CLOSE TO THE SHORELINE AS POSSIBLE FOR SHORELAND-IN-WATER SHORT-TERM CONSTRUCTION ACTIVITIES. IMMEDIATELY AFTER THE SHORT-TERM ACTIVITY IN THAT AREA IS COMPLETE, AN UPLAND PERIMETER CONTROL MUST BE INSTALLED IF EXPOSED SOILS CONTINUE TO DRAIN TO THE SURFACE WATER.

TEMPORARY SEDIMENTATION BASINS: WHERE TEN (10) OR MORE ACRES OF DISTURBED SOIL DRAIN TO A COMMON LOCATION, A TEMPORARY SEDIMENT BASIN MUST BE PROVIDED PRIOR TO RUNOFF LEAVING THE CONSTRUCTION SITE OR ENTERING SURFACE WATERS. ALL TEMPORARY BASINS SHALL BE CONSTRUCTED AND OPERATIONAL PRIOR TO GRADING TEN (10) OR MORE ACRES. BASINS MUST PROVIDE A LIVE STORAGE VOLUME FROM A TWO YEAR 24-HOUR STORM EVENT FROM EACH ACRE (DISTURBED AND UNDISTURBED) DRAINING TO THE BASIN OR 1,800 CUBIC FEET OF LIVE STORAGE PER ACRE DRAINED, WHICHEVER IS GREATER. AT A MINIMUM, IF CALCULATIONS ARE NOT PERFORMED THE BASIN SHALL PROVIDE 3,600 CUBIC FEET OF LIVE STORAGE FROM EACH ACRE. THE BASIN INTAKE MUST BE DESIGNED TO WITHDRAW WATER FROM THE SURFACE, PREVENT SHORT CIRCUITING AND THE DISCHARGE OF FLOATING DEBRIS, INCLUDE AN EMERGENCY OVERFLOW ABOVE THE LIVE STORAGE ELEVATION, AND PROVIDE ENERGY DISSIPATION AT THE BASIN OUTLET. BASINS MUST BE DRAINED AND SEDIMENT REMOVED WHEN THE DEPTH OF COLLECTED SEDIMENT IN THE BASIN REACHES 1/2 THE LIVE STORAGE VOLUME. IF A BASIN IS INFEASIBLE WITHIN THE PROJECT LIMITS, EQUIVALENT SEDIMENT CONTROL BMPs MUST BE IMPLEMENTED AND DOCUMENTED IN THE SWPPP OR SWPPP AMENDMENT.

TEMPORARY STOCKPILES: ALL STOCKPILES MUST HAVE SILT FENCE OR EQUIVALENT PERIMETER SEDIMENT CONTROLS IMPLEMENTED AND MAINTAINED AT ALL TIMES. PILES CANNOT BE PLACED IN BUFFER AREAS OR SURFACE WATERS, INCLUDING STORMWATER CONVEYANCES SUCH AS CURB AND GUTTER SYSTEMS, OR CONDUITS AND DITCHES UNLESS THERE IS A BYPASS IN PLACE TO PREVENT STORMWATER RUN-ON INTO THE STOCKPILE. STABILIZATION ON TEMPORARY STOCKPILES WITHOUT SIGNIFICANT SILT, CLAY OR ORGANIC COMPONENTS IS NOT REQUIRED.

CONSTRUCTION SITE ENTRANCE/VEHICLE TRACKING: OPERATOR MUST MINIMIZE SEDIMENT FROM LEAVING THE CONSTRUCTION SITE (OR ONTO STREETS WITHIN THE SITE) BY IMPLEMENTING BMPs SUCH AS ROCK PADS, SLASH MULCH, CONCRETE OR STEEL WASH RACKS, OR EQUIVALENT SYSTEMS. STREET SWEEPING MUST BE USED DAILY DURING CONSTRUCTION OPERATIONS IF SUCH BMPs ARE NOT ADEQUATE TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE STREET. TRACKED SEDIMENT MUST BE REMOVED FROM ALL PAVED SURFACES (ON AND OFF-SITE) WITHIN 24 HOURS OF DISCOVERY, OR SOONER AS DIRECTED BY THE PROJECT OWNER. MULTIPLE STREET SWEEPINGS AT THE OPERATOR'S EXPENSE MAY BE REQUIRED ON ALL ENTRY/EXIT POINTS TO THE SITE AT THE DISCRETION OF THE PROJECT OWNER.

SURFACE WATERS: INCLUDING OFF-SITE AND DOWNSTREAM DRAINAGE DITCHES, CATCH BASINS, AND CONVEYANCE SYSTEMS, MUST BE INSPECTED FOR EVIDENCE OF EROSION AND SEDIMENT DEPOSITION. THE REMOVAL AND STABILIZATION OF EXPOSED SOILS MUST TAKE PLACE WITHIN SEVEN (7) DAYS OF DISCOVERY UNLESS PRECLUDED BY LEGAL, REGULATORY OR PHYSICAL ACCESS CONSTRAINTS. IF PRECLUDED, REMOVAL AND STABILIZATION MUST TAKE PLACE WITHIN SEVEN (7) CALENDAR DAYS OF OBTAINING ACCESS. THE PERMITTEES ARE RESPONSIBLE FOR CONTACTING ALL LOCAL, REGIONAL, STATE AND FEDERAL AGENCIES AND RECEIVING ANY APPLICABLE PERMITS, PRIOR TO CONDUCTING ANY WORK.

INLET PROTECTION: ALL STORM DRAIN INLETS (INCLUDING DOWNGRAIDENT, OFF-SITE) MUST BE PROTECTED BY APPROPRIATE BMPs DURING CONSTRUCTION UNTIL ALL SOURCES WITH POTENTIAL FOR DISCHARGING TO THE INLET HAVE BEEN STABILIZED. SILT FENCE IS NOT AN ACCEPTABLE CATCH BASIN INLET PROTECTION BMP. CONTACTOR SHALL CLEAN, REMOVE AND DISPOSE OF SEDIMENT, AND/OR REPLACE STORM DRAIN INLET PROTECTION ON A ROUTINE BASIS TO ENSURE THE DEVICE IS FULLY FUNCTIONAL PRIOR TO THE NEXT FORECASTED PRECIPITATION EVENT (50% OR GREATER). INLET PROTECTION MAY BE REMOVED FOR A PARTICULAR INLET IF A SPECIFIC SAFETY CONCERN (STREET FLOODING/FREEZING) HAS BEEN IDENTIFIED BY THE PERMITTEE(S) OR THE JURISDICTIONAL AUTHORITY (E.G. CITY/COUNTY/TOWNSHIP). WRITTEN CORRESPONDENCE REGARDING THE NEED FOR REMOVAL MUST BE DOCUMENTED IN THE SWPPP.

DEWATERING, STREAM DIVERSION, AND BASIN DRAINING  
DEWATERING, STREAM DIVERSION, OR BASIN DRAINING IS NOT ANTICIPATED DURING CONSTRUCTION OF THIS PROJECT.

PERMANENT STORMWATER TREATMENT SYSTEMS  
THE PERMANENT WATER QUALITY VOLUME FROM THE NET NEW IMPERVIOUS SURFACES OF THE PROJECT IS PROVIDED IN THE PROPOSED INFILTRATION BASIN, HYDROLOGIC AND WATER QUALITY MODELING DATA IS AVAILABLE UPON REQUEST. THE SITE IS ABLE TO MEET THE FULL VOLUME REDUCTION REQUIREMENT. INFILTRATION RATES WERE DETERMINED BY THE INFILTRATION RATE CHART IN THE FDOT DRAINAGE DESIGN GUIDE TABLE J-1 UTILIZING SOIL-BORING RESULTS.

EXISTING SITE CONDITIONS, SOILS, & WATER RESOURCES  
SOILS AND NATIVE TOPSOIL: NATIVE TOPSOIL WILL BE STRIPPED AND STOCKPILED FOR FINAL GRADING OPERATIONS, WHERE INDICATED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS. METHODS AND EQUIPMENT TO MINIMIZE SOIL COMPACTION (IN PROPOSED INFILTRATION AREAS, DRIP LINE OF TREES TO BE PRESERVED, ETC.) SHALL BE DETERMINED BY THE OPERATOR'S SWPPP AMENDMENT. TRACKED VEHICLES ARE PREFERRED AND WHEELED VEHICLES ARE DISCOURAGED IN THE AREAS. THE FOLLOWING USDA-NRCS MAPPED SOILS ARE SHOWN AS "NOT HIGHLY ERODIBLE" ON THE COUNTY SOIL SURVEY MAP.

USDA-NRCS MAPPED SOIL SURVEY UNIT NO., NAME, TEXTURE, SLOPE PERCENTAGE	PERCENTAGE OF PROJECT AREA	APPROXIMATE PARTICLE SIZE RANGE (MM)		
		SAND (0.05-2.00+)	SILT (0.002-0.05)	CLAY (<0.002)
38 - BONIFAY LOAMY SAND, 0-5% SLOPES	100%	70-85%	0-30%	10-15%

DESCRIPTION OF RECEIVING WATERS (LOCATED WITHIN 1-MILE): STORMWATER FROM APPROXIMATELY HALF OF THE PROJECT WILL BE CONVEYED INTO THE ON-SITE INFILTRATION BASIN AND THE OTHER HALF IS CONVEYED VIA ON SITE STORM SEWER. THERE ARE 2 DISCHARGE POINTS LEAVING THE SITE TO THE WEST AND NORTH. THE WEST DISCHARGE POINT IS AT LAT/LONG. 30.440460, -87.282137 AND THE NORTH DISCHARGE POINT IS AT LAT/LONG. 30.441346, -87.281926. HYDROLOGIC AND WATER QUALITY MODELING DATA IS AVAILABLE UPON REQUEST.

POTENTIAL FOR SEDIMENT AND/OR OTHER POLLUTANT(S) DISCHARGING FROM THE PROJECT SITE  
THE TEMPORARY EROSION AND SEDIMENT CONTROL BMPs IN THIS SWPPP HAVE BEEN DESIGNED TO MINIMIZE THE POTENTIAL OF SEDIMENTS DISCHARGING OFF-SITE FROM A 0.5 INCH RAINFALL WITHIN A 24 HOUR PERIOD. THE FDOT IDF CURVES ESTIMATE FOR THE PROJECT LOCATION WAS REVIEWED AND USED FOR ANTICIPATED INSPECTION FREQUENCY, BMP DESIGN, AND ESTIMATING CONSTRUCTION ACTIVITIES IN THIS SWPPP.

ROUTINE INSPECTION AND BMP MAINTENANCE BY THE OPERATOR IS CRUCIAL IN ENSURING THE FUNCTIONALITY OF EACH BMP.

CONSTRUCTION PHASING/STAGING, BUFFERS, & AREAS NOT TO BE DISTURBED  
THERE IS NO CONSTRUCTION PHASING OR STAGING DEFINED BY THE OWNER FOR THIS PROJECT. THE SCHEDULE FOR INSTALLING TEMPORARY BMPs SHALL BE INCORPORATED INTO THE OPERATOR'S WEEKLY SCHEDULE FOR EACH CONSTRUCTION STAGE AND PRESENTED TO THE OWNER'S REPRESENTATIVE.

ENVIRONMENTALLY SENSITIVE AREAS  
STEEP SLOPES: EXISTING AND PROPOSED SLOPES 1 IN 3 (33.33%) AND STEEPER THAT ARE PROPOSED TO BE DISTURBED ARE ILLUSTRATED ON THE PLAN SHEETS. STEEP SLOPES MAY BE TEMPORARILY CREATED DURING GRADING OPERATIONS IF NECESSARY, AT WHICH TIME TEMPORARY BMPs MUST BE IMPLEMENTED BY THE OPERATOR (THROUGH AN APPROVED SWPPP AMENDMENT) WITHIN 7 DAYS OF NO LONGER WORKING THE STEEP SLOPE.

CONTAMINATED PROPERTIES: PHASE II ENVIRONMENTAL ASSESSMENT HAS BEEN COMPLETED FOR THE PROJECT (JULY 2016 - AVAILABLE UPON REQUEST). NO HAZARDOUS MATERIALS OR WASTES ARE ANTICIPATED TO BE FOUND ON-SITE.

STORMWATER POLLUTION MITIGATION MEASURES (AS IDENTIFIED FROM ENVIRONMENTAL REVIEW): ENVIRONMENTAL REVIEW IDENTIFIED NO STORMWATER POLLUTION MITIGATION MEASURES TO BE UTILIZED FOR THIS PROJECT.

KARST AREAS: THERE ARE NO KNOWN ACTIVE KARST AREAS WITHIN OR ADJACENT TO THE PROJECT LIMITS.

WETLANDS: NO WETLANDS EXIST WITHIN OR IMMEDIATELY ADJACENT TO THE PROJECT LIMITS.

SEQUENCE OF CONSTRUCTION/TIMING OF BMP INSTALLATION  
NO CONSTRUCTION OPERATIONS, INCLUDING REMOVALS, THAT REQUIRE EROSION & SEDIMENT CONTROL PER THE SWPPP CAN COMMENCE UNTIL THE OPERATOR'S EROSION CONTROL SUPERVISOR CERTIFIES THE PROPER INSTALLATION OF BMPs AND A CHAIN OF RESPONSIBILITY FOR SWPPP IMPLEMENTATION IS CREATED FOR ALL OPERATORS ON THE SITE. PERIMETER SEDIMENT CONTROLS (SILT FENCE, INLET PROTECTION, CONSTRUCTION ENTRANCES, ETC.) SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION. THESE PRACTICES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION IS ACHIEVED. OPERATOR SHALL IMPLEMENT THE NECESSARY ON SITE BMPs IN ACCORDANCE WITH THE NPDES PERMIT REQUIREMENTS TO PREVENT NUISANCE CONDITIONS FROM ANY DISCHARGES UNDER COVERAGE OF THE NPDES PERMIT. IN SOME CASES, MULTIPLE OR REDUNDANT APPLICATIONS OF SOME BMPs MAY BE NEEDED TO MEET THESE REQUIREMENTS.

INSPECTION PROCEDURES, SWPPP AMENDMENTS, RECORD KEEPING, & TRAINING  
1. THE SWPPP MUST BE AMENDED BY THE OPERATOR WHEN THE IDENTITY OF THE RESPONSIBLE SITE OPERATORS (EROSION CONTROL SUPERVISOR, SUB-CONTRACTORS, ETC.) ARE KNOWN.  
2. THE OPERATOR MUST INSPECT THE ENTIRE CONSTRUCTION SITE AT LEAST ONCE EVERY SEVEN (7) DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS.

PERMIT TERMINATION CONDITIONS  
PERMIT TERMINATION CONDITIONS ARE ACHIEVED WHEN THE FOLLOWING PARAMETERS ARE COMPLETED, PRIOR TO SUBMISSION OF THE NOTICE OF TERMINATION TO FL DEP.

- 70% VEGETATIVE COVER: ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND ALL EXPOSED SOILS ARE STABILIZED BY A UNIFORM, LIVE PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OVER THE ENTIRE PVIOUS SURFACE AREA, OR OTHER EQUIVALENT MEANS NECESSARY TO PREVENT SOIL FAILURE UNDER EROSION CONDITIONS.
- FINAL CLEAN OUT OF PERMANENT STORMWATER MANAGEMENT SYSTEMS & CONVEYANCE SYSTEMS: ALL ACCUMULATED SEDIMENT MUST BE REMOVED FROM PERMANENT STORMWATER MANAGEMENT SYSTEMS, CONVEYANCE SYSTEMS, AND DITCHES MUST BE STABILIZED WITH PERMANENT COVER. ALL SYSTEMS MUST OPERATE AS DESIGNED.
- REMOVAL OF ALL TEMPORARY SYNTHETIC BMPs: ALL TEMPORARY SYNTHETIC AND STRUCTURAL EROSION PREVENTION AND SEDIMENT CONTROL BMPs (SUCH AS SILT FENCE) MUST BE REMOVED ON THE PORTIONS OF THE SITE FOR WHICH THE PERMITTEE IS RESPONSIBLE. BMPs DESIGNED TO DECOMPOSE ON SITE (SUCH AS SOME COMPOST LOGS) MAY BE LEFT IN PLACE.
- ALL DEWATERING DISCHARGES AUTHORIZED BY THIS PERMIT HAVE CEASED.
- ALL CONSTRUCTION ACTIVITY DISCHARGES AUTHORIZED BY THIS PERMIT HAVE CEASED.

THE CO-PERMITTEES (OWNER AND OPERATOR) MUST SIGN AND SUBMIT THE COMPLETED NOT TO THE FL DEP WITHIN 14 DAYS AFTER SELLING/LEGALLY TRANSFERRING THE PROPERTY OR FINAL STABILIZATION IS ACHIEVED.

THE OPERATOR SHALL PROVIDE A RAINFALL GAUGE ON-SITE, WITHIN ONE MILE OF THE SITE, OR SOURCE OF THE WEATHER REPORTING SYSTEM THAT USES SITE SPECIFIC RAINFALL DATA FROM RADAR SUMMARIES. THE LOCATION AND SOURCE OF THE RAINFALL GAUGE OR REPORTING SYSTEM MUST BE DOCUMENTED IN THE FIRST SWPPP INSPECTION REPORT. THE INSPECTION FREQUENCY MAY BE REDUCED TO ONCE PER MONTH OR SUSPENDED, IF SITE CONDITIONS MEET ITEMS 6.5 OF THE NPDES PERMIT. ALL INSPECTIONS AND MAINTENANCE CONDUCTED MUST BE RECORDED IN WRITING BY THE OPERATOR AND RETAINED WITH THE SWPPP. RECORDS OF EACH INSPECTION AND MAINTENANCE ACTIVITY SHALL INCLUDE:  
A. DATE, TIME, AND NAME OF PERSON(S) CONDUCTING INSPECTIONS;  
B. FINDINGS OF INSPECTIONS, INCLUDING RECOMMENDATIONS FOR CORRECTIVE ACTIONS;  
C. CORRECTIVE ACTIONS TAKEN (INCLUDING DATES, TIMES, AND PARTY COMPLETING MAINTENANCE ACTIVITIES); INCLUDING DOCUMENTATION/PHOTOS OF IMPLEMENTED BMPs INTENDED TO CORRECT A PROBLEM BUT FAILED.  
D. DATE AND AMOUNT OF ALL RAINFALL EVENTS GREATER THAN 0.5 INCHES IN 24 HOURS;  
E. DOCUMENTATION OF CHANGES MADE TO THE SWPPP.

SWPPP AMENDMENTS AND SITE PLANS WILL BE PREPARED BY THE OPERATOR AND SUBMITTED TO THE OWNER FOR REVIEW AND WRITTEN APPROVAL, BY THE PROJECT OWNER (OR DESIGNATED REPRESENTATIVE). ALL OWNER ACCEPTED AND DENIED SWPPP AMENDMENTS AND SITE PLANS MUST BE RECORDED IN WRITING AND RETAINED WITH THE SWPPP.

THE SWPPP SHALL BE AMENDED TO INCLUDE ADDITIONAL OR MODIFIED BMPs, DESIGNED TO CORRECT IDENTIFIED PROBLEMS OR ADDRESS SITUATIONS PRIOR TO CONDUCTING SPECIFIC STAGES/PHASES OF THE PROJECT, AS REQUIRED BY THE OWNER AND DEFINED IN THIS PROJECT SWPPP.

THE SWPPP (ORIGINAL OR COPIES), ALL CHANGES TO THE SWPPP, PROJECT MANUAL, AND INSPECTIONS/MAINTENANCE RECORDS MUST BE KEPT AT THE SITE DURING CONSTRUCTION BY THE OPERATOR WHO HAS OPERATIONAL CONTROL OF THAT PORTION OF THE SITE. THE SWPPP CAN BE KEPT IN THE FIELD OFFICE OR ON SITE VEHICLE DURING NORMAL WORKING HOURS. THE PERMITTEES MUST KEEP AND MAKE AVAILABLE TO FEDERAL, STATE, AND LOCAL OFFICIALS WITHIN THREE DAYS THE SWPPP, OTHER STORMWATER RELATED PERMITS, RECORDS OF ALL INSPECTIONS/MAINTENANCE, ALL PERMANENT OPERATIONS AND MAINTENANCE AGREEMENTS, ALL REQUIRED CALCULATIONS OF THE SWPPP, AND TEMPORARY AND PERMANENT STORMWATER MANAGEMENT SYSTEMS AND OTHER INFORMATION REQUIRED BY THE GENERAL PERMIT FOR THREE YEARS FOLLOWING THE NOTICE OF TERMINATION.

THE OPERATOR MUST ASSIGN A TRAINED INDIVIDUAL(S) TO OVERSEE THE IMPLEMENTATION, MAINTENANCE, AND REPAIR OF BMPs. THIS INDIVIDUAL(S) SHALL ALSO PERFORM INSPECTIONS, REVISE/AMEND THE SWPPP (DOCUMENT IN SWPPP AS NECESSARY), AND BE AVAILABLE FOR AN ONSITE INSPECTION WITHIN 72 HOURS UPON REQUEST BY THE PERMITTED OWNER (OR ITS DESIGNEE). LOCAL GOVERNMENT UNITS, OR FL DEP LEAD PROJECTS REQUIRE AVAILABLE ONSITE INSPECTION WITHIN 24 HOURS.

POLLUTION PREVENTION MANAGEMENT MEASURES  
POTENTIAL SOURCES OF POLLUTANTS FROM CONSTRUCTION ACTIVITIES INCLUDE:  
• SEDIMENT AND FUGITIVE DUST GENERATED FROM CLEARING AND GRUBBING, IMPORT/EXPORT OPERATIONS, REMOVALS/COMPACTION, MASS/FINE GRADING, EXCAVATIONS, TRENCHING, TOPSOIL STRIPING STOCKPILING, WET/DRY PAVEMENT CUTTING, STREET CONSTRUCTION.  
• BASIC/ACIDIC PH LEVELS FROM CURB AND GUTTER, MAN-HOLE STRUCTURES, SIDEWALKS, DRIVEWAY APRONS, FOUNDATIONS, BRIDGE ABUTMENTS, WET/DRY PAVEMENT CUTTING, MASONRY WASHOUT/CLEANOUT.  
• EXCESS NUTRIENTS FROM LANDSCAPING INSTALLATIONS, SOIL ADDITIVES, FERTILIZATION, MULCHING  
• HYDROCARBONS FROM STREET CONSTRUCTION, DEMOLITION/REMOVALS, WET/DRY PAVEMENT CUTTING

OPERATOR WILL COMPLY WITH ALL OF THE POLLUTION PREVENTION AND MANAGEMENT MEASURES IDENTIFIED IN THE NPDES-CSW PERMIT. OPERATOR WILL SUBMIT A SPILL PREVENTION AND RESPONSE PLAN (SPRP) TO THE ENGINEER PRIOR TO ANY CONSTRUCTION ACTIVITY. THE SPRP MUST SATISFACTORILY ADDRESS (AT A MINIMUM) THE FOLLOWING NPDES REQUIREMENTS BY THE PROPOSED IMPLEMENTATION AND MAINTENANCE OF APPROPRIATE BMPs:

NO-EXPOSURE: CONSTRUCTION AND BUILDING PRODUCTS (THAT HAVE THE POTENTIAL TO LEACH POLLUTANTS), PESTICIDES, HERBICIDES, INSECTICIDES, FERTILIZERS, TREATMENT CHEMICALS, AND LANDSCAPING MATERIALS MUST BE UNDER COVER (PLASTIC SHEETING OR TEMPORARY ROOFS) TO MINIMIZE CONTACT WITH STORMWATER AND PRECIPITATION.

SOLID WASTE: (SEDIMENT, ASPHALT, CONCRETE MILLINGS, CONSTRUCTION, AND DEMOLITION DEBRIS) AND OTHER WASTES MUST BE DISPOSED OF PROPERLY AND SHALL COMPLY WITH FL DEP DISPOSAL REQUIREMENTS.

HAZARDOUS MATERIALS: (E.G. GAS, DIESEL, OIL, ANTIFREEZE, PAINT SOLVENTS, SOAPS, DETERGENTS, WOOD PRESERVATIVES, CLEANING SOLVENTS, CURING COMPOUNDS, ACIDS, ETC.) MUST BE STORED IN SEALED CONTAINERS. SECONDARY SPILL CONTAINMENT IS REQUIRED FOR ALL MATERIALS IF STORED ON-SITE FOR MORE THAN 24 CONSECUTIVE HOURS (DOUBLE WALLED TANKS ARE ACCEPTABLE FOR SECONDARY CONTAINMENT). STORAGE AND DISPOSAL OF HAZARDOUS WASTES AND MATERIALS MUST BE IN COMPLIANCE WITH FL DEP REGULATIONS.

PORTABLE TOILETS: MUST BE POSITIONED AND SECURED SO THEY ARE NOT TIPPED OR KNOCKED OVER. SANITARY WASTE MUST BE PROPERLY DISPOSED OF IN ACCORDANCE WITH FL DEP REGULATIONS.

SPILLED OR LEAKED CHEMICALS: REASONABLE STEPS TO PREVENT THE DISCHARGE OF SPILLED OR LEAKED CHEMICALS, INCLUDING FUEL, FROM ANY AREA WHERE CHEMICAL OR FUEL WILL BE LOADED OR UNLOADED. PROCEDURES FOR SPILL RESPONSE AND MATERIALS FOR CONTAINMENT, CLEANUP (DRIP PANS, ABSORBENTS, AND SPILL KITS) AND APPROPRIATE DISPOSAL SHALL BE AVAILABLE AT ALL TIMES ON-SITE. PERMITTEES MUST REPORT AND CLEAN UP SPILLS IMMEDIATELY.

EQUIPMENT/VEHICLE WASHING: WHEN VEHICLE/EQUIPMENT WASHING MUST OCCUR ON-SITE, THE ACTIVITY IS LIMITED TO A CONTAINED PORTION OF THE STAGING AREA, UNLESS INFEASIBLE THROUGH A SWPPP AMENDMENT. SOAPS, DETERGENTS, AND SOLVENTS ARE TO BE USED AND STORED PROPERLY. RUNOFF MUST BE CONTAINED FROM THE WASHING AREAS AND DISPOSED OF PROPERLY.

CONCRETE, STUCCO, PAINT, CURING COMPOUNDS, SOLVENTS, AND OTHER WASHOUT WASTES: TEMPORARY OR LONG-TERM STORAGE OF WASHOUT WASTE IS PROHIBITED ON-SITE (SLURRY MUST BE HAULED IMMEDIATELY OFF-SITE). OPERATOR MUST SUBMIT A CONCRETE WASHOUT PLAN TO THE PROJECT ENGINEER FOR APPROVAL OF ALL ON-SITE WASHOUT LOCATIONS. ON-SITE WASHOUT LOCATIONS MUST BE LOCATED 200 FEET FROM AN ENVIRONMENTALLY SENSITIVE AREA AND SURFACE WATERS. HAVE "CONCRETE WASHOUT AREA" SIGNAGE, AND BE CONTAINED IN A LEAK PROOF CONTAINER OR IMPERMEABLE LINER. LIQUID AND SOLID WASTES SHOULD NOT CONTACT THE GROUND (UNLESS PERMITTED IN THE CONCRETE WASHOUT PLAN), BE CONTAINED TO PREVENT RUNOFF FROM THE WASHOUT LOCATION, AND MUST BE DISPOSED OF PROPERLY AND IN COMPLIANCE WITH FL DEP REGULATIONS.

BURNING: BURNING OF GARBAGE, CONSTRUCTION DEBRIS, TREES, BRUSH, OR OTHER VEGETATIVE MATERIAL IS NOT ALLOWED ON SITE, UNLESS PRIOR APPROVAL IS GRANTED BY THE OWNER.

CONSTRUCTION ACTIVITY REQUIREMENTS: EROSION PREVENTION PRACTICES, PROCEDURES, & MAINTENANCE STANDARDS

THE OPERATOR IS RESPONSIBLE FOR THE INSTALLATION, OPERATION, AND CONTINUED MAINTENANCE OF ALL TEMPORARY AND PERMANENT WATER QUALITY MANAGEMENT BMPs, AS WELL AS ALL EROSION PREVENTION AND SEDIMENT CONTROL BMPs, FOR THE DURATION OF THE CONSTRUCTION WORK AT THE SITE, UNTIL FINAL STABILIZATION IS ACHIEVED. ALL BMPs MUST BE ADEQUATELY LOCATED, DESIGNED, INSTALLED, AND MAINTAINED TO PREVENT EROSION FROM A MINIMUM 0.5 INCH TOTAL RAINFALL EVENT WITHIN 24 HOURS.

ALL NONFUNCTIONAL BMPs MUST BE REPAIRED, REPLACED, OR SUPPLEMENTED WITH FUNCTIONAL BMPs BY THE END OF THE NEXT BUSINESS DAY AFTER DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS UNLESS ANOTHER TIME FRAME IS SPECIFIED IN THE SWPPP. ALL ERODED MATERIAL THAT LEAVES THE SITE SHALL BE COLLECTED BY THE OPERATOR AND RETURNED TO THE SITE AT THE OPERATOR'S EXPENSE AND INCIDENTAL TO THE PROJECT COST.

TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED AS SOON AS POSSIBLE, BUT NO LATER THAN THE END OF THE NEXT WORK DAY FOLLOWING THE DAY EARTH-DISTURBING ACTIVITIES IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. ALL EXPOSED SOIL AREAS SHALL BE STABILIZED WITHIN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. INITIATED STABILIZATION IS DEFINED AS COMPLETING ONE (OR MORE) OF THE FOLLOWING: SOIL PREPARATION FOR VEGETATION, MULCHING (OR OTHER TEMPORARY NON-VEGETATIVE BMP), SEEDING/PLANTING, OR SCHEDULING STABILIZATION MEASURES TO BE FULLY INSTALLED AND COMPLETED WITHIN THE 7 DAY TIMEFRAME.

TEMPORARY STABILIZATION BMPs SHALL ONLY BE IMPLEMENTED WHEN PERMANENT STABILIZATION BMPs CANNOT BE IMPLEMENTED WITHIN THE 7 DAY TIMEFRAME FOR EXPOSED SOILS.

TEMPORARY/PERMANENT DRAINAGE DITCHES & SWALES: THE NORMAL WETTED PERIMETER (2-YEAR, 24-HOUR PRECIPITATION EVENT) OF ANY TEMPORARY OR PERMANENT DRAINAGE DITCH, CHANNEL, OR SWALE THAT DRAINS WATER FROM ANY PORTION OF THE CONSTRUCTION SITE, OR DIVERTS WATER AROUND THE SITE, MUST BE STABILIZED WITHIN THE LAST 200 LINEAL FEET FROM THE PROPERTY EDGE, OR FROM THE POINT OF DISCHARGE INTO ANY SURFACE WATER WITHIN 24 HOURS OF CONNECTION. STABILIZATION REMAINING OF THE REMAINING PORTIONS OF THE CHANNEL MUST BE STABILIZED WITHIN 14 DAYS. ALL STORMWATER CONVEYANCE CHANNELS MUST USE EROSION CONTROL AND VELOCITY DISSIPATION DEVICES WITHIN AND ALONG THE LENGTH OF THE CHANNEL AND AT ANY OUTLETS. TEMPORARY OR PERMANENT DITCHES OR SWALES THAT ARE BEING USED AS A TEMPORARY SEDIMENT CONTAINMENT SYSTEM (WITH PROPERLY DESIGNED ROCK DITCH CHECKS, BIO ROLLS, SILT DIKES ETC.) DO NOT NEED TO BE STABILIZED. THESE AREAS HOWEVER MUST BE STABILIZED WITHIN 24 HOURS AFTER NO LONGER BEING USED AS A SEDIMENT CONTAINMENT SYSTEM. MULCH, HYDROMULCH, TACKIFIER, OR POLYACRYLAMIDE BELOW THE WETTED PERIMETER OF A DITCH, SWALE, OR OTHER SURFACE WATER CONVEYANCE IS NOT ACCEPTABLE STABILIZATION.

EROSION CONTROL BLANKETS/MATS: OPERATOR SHALL VERIFY DURING REGULAR INSPECTIONS THAT NO GULLIES, RILLS, OR SCOUR HOLES HAVE FORMED UNDER EROSION CONTROL BLANKETS AND MATS. ALL REPAIRS MUST BE COMPLETED WITHIN 24 HOURS OF DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS.

MULCH: OPERATOR MUST APPLY MULCH IN A UNIFORM PATTERN OVER THE DISTURBED SOILS, TO ACHIEVE A MINIMUM OF 90% GROUND COVER.

DUST CONTROL: DUST FROM THE SITE WILL BE CONTROLLED BY INCREASED STREET SWEEPING AND/OR USING A MOBILE PRESSURE-TYPE DISTRIBUTOR TRUCK TO APPLY POTABLE WATER TO DISTURBED AREAS. THE MOBILE UNIT WILL APPLY WATER AT A RATE NECESSARY TO PREVENT RUNOFF AND PONDING.

STORM SEWER OUTLETS: PIPE OUTLETS MUST HAVE TEMPORARY OR PERMANENT ENERGY DISSIPATION WITHIN 24 HOURS AFTER HYDRAULIC CONNECTION TO A RECEIVING SURFACE WATER.

TEMPORARY & PERMANENT EROSION PREVENTION BMPs  
HYDROMULCH: HYDRAULIC SILT STABILIZER IN COMBINATION WITH A TACKIFIER WILL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS TO EXPOSED SOILS AREAS TO PROVIDE TEMPORARY LONG-TERM OR PERMANENT COVER FOR VEGETATION ESTABLISHMENT.

Issued:	Date:
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D FOR CONSTRUCTION	09/10/21
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Revisions:	Date:
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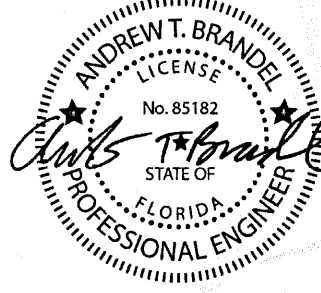
Andrew Brandel

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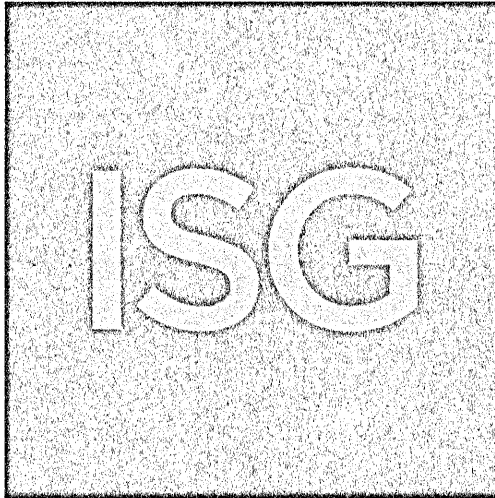
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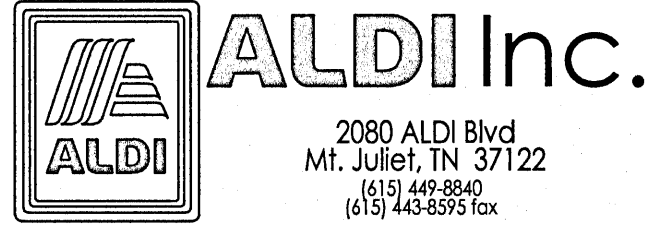
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B.M. ELEVATION = 72.38'  
CUT 'X' LOCATED IN SIDEWALK AT THE NE CORNER OF THE INTERSECTION OF MOBILE HWY AND EDISON DRIVE.



MANAGING LOCATION:  
MINNEAPOLIS / ST. PAUL OFFICE  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



ALDI Inc. Store #: 156  
PENSACOLA, FLORIDA  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

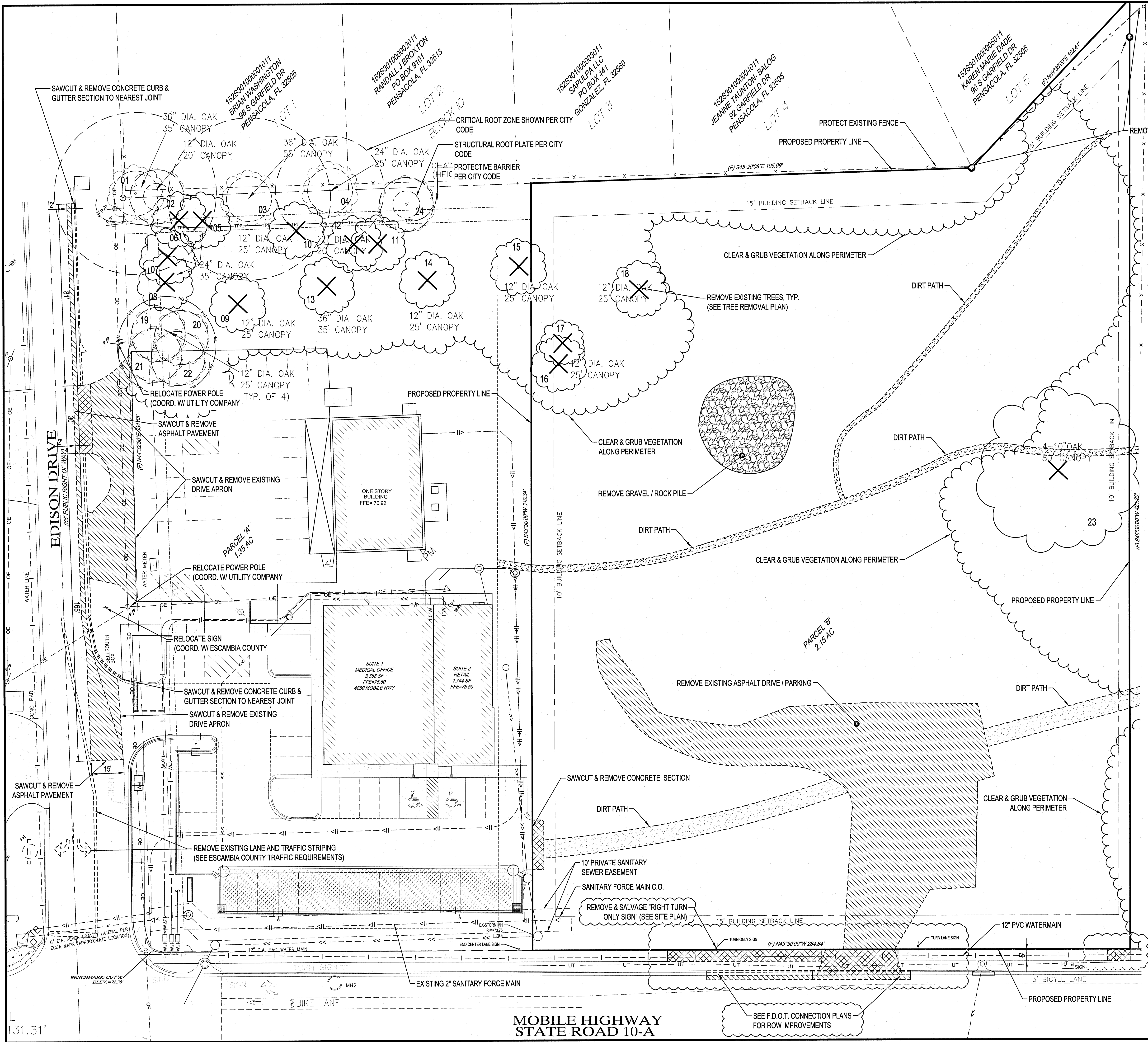
Project Name & Location:

SITE EROSION CONTROL NOTES

Drawing Name:

Type:	v7.0 ER	ISG Project No.
Drawn By:	JMF	21-25050
Designed By:	JMF	C-122
Reviewed By:	RJA	Drawing No.





REMOVAL LEGEND

SYMBOL	DESCRIPTION
	REMOVE BITUMINOUS PAVEMENT
	REMOVE CONCRETE PAVEMENT
	REMOVE CONCRETE WALK
	REMOVE GRAVEL SURFACE
	DEMOLISH BUILDING
	CLEAR & GRUB TREES & UNDERBRUSH
	REMOVE DECIDUOUS TREE (CLEAR & GRUB)
	REMOVE CONIFEROUS TREE (CLEAR & GRUB)

CONTRACTOR SHALL VERIFY EXISTING PAVEMENT SECTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES. PAVEMENT REMOVALS SHALL INCLUDE FULL DEPTH SAWCUT & SECTION REMOVAL.

PT	TYPE	DIA	1/2 SPREAD	STATUS
01.	OAK	36"	17.5'	REMAIN
02.	OAK	12"	10.0'	REMAIN
03.	OAK	36"	27.5'	REMAIN
04.	OAK	24"	12.5'	REMAIN
05.	OAK	24"	17.5'	REMOVE
06.	OAK	24"	17.5'	REMOVE
07.	OAK	24"	17.5'	REMOVE
08.	OAK	24"	17.5'	REMOVE
09.	OAK	12"	12.5'	REMOVE
10.	OAK	12"	10.5'	REMOVE
11.	OAK	12"	10.5'	REMOVE
12.	OAK	12"	12.5'	REMOVE
13.	OAK	36"	17.5'	REMOVE
14.	OAK	12"	12.5'	REMOVE
15.	OAK	12"	12.5'	REMOVE
16.	OAK	12"	12.5'	REMOVE
17.	OAK	12"	12.5'	REMOVE
18.	OAK	12"	12.5'	REMOVE
19.	OAK	12"	12.5'	REMAIN
20.	OAK	12"	12.5'	REMAIN
21.	OAK	12"	12.5'	REMAIN
22.	OAK	12"	12.5'	REMAIN
23.	OAK	4-10"	40.0'	REMOVE
24.	OAK	12"	20.0'	REMAIN

REMOVED TREES TOTAL DIAMETER (DBH) = 250'  
MINIMUM REQUIRED REPLACEMENT (50%) = 125'

ORD. NO. 2-3.2 TREE PRESERVATION & PROTECTION

THE CRITICAL ROOT ZONE (CRZ) IS PRESENTED BY A CIRCLE, CENTER ON THE TREE TRUNK AND HAVING A RADIUS OF ONE FOOT FOR EACH ONE INCH OF TRUNK DIAMETER (DBH)

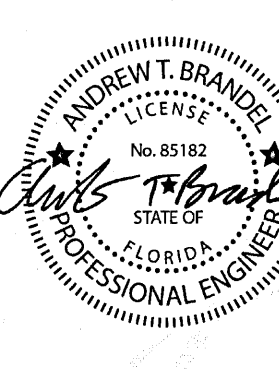
PROTECTIVE BARRIERS. TREES (AND OTHER VEGETATION) DESIGNED FOR PRESERVATION ACCORDING TO AN APPROVED SITE DEVELOPMENT PLAN SHALL BE PROTECTED FROM ALL POTENTIALLY HARMFUL ACTIVITY DURING DEVELOPMENT BY THE TEMPORARY INSTALLATION OF PROTECTIVE BARRIERS.

(A) CONSTRUCTION. BARRIERS SHALL BE CONSTRUCTED OF CHAIN LINK FENCE, ORANGE LAMINATED PLASTIC FENCING, OR WOOD POSTS AND RAILS, CONSISTENT WITH PROFESSIONAL ARBORICULTURE PRACTICES, AND SHALL BE INSTALLED ALONG THE PERIMETER OF ALL REQUIRED PRESERVE AREAS PRIOR TO ANY LAND CLEARING, DEMOLITION, GRADING, OR CONSTRUCTION.

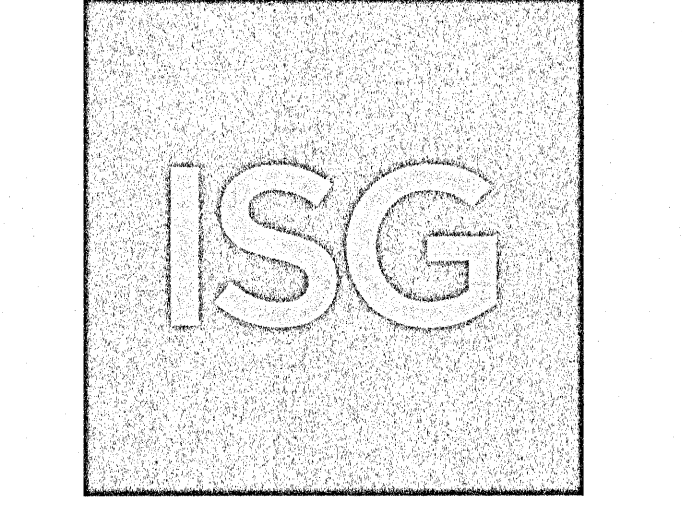
(B) ACTIVITY WITHIN. NO POTENTIALLY HARMFUL ACTIVITY SHALL TAKE PLACE WITHIN THE PROTECTIVE BARRIER. HARMFUL ACTIVITIES INCLUDE BUT NOT LIMITED TO GRADE CHANGE, TRENCHING, COMPACTION, GRUBBING OR ROOT RAKING. ACTIVITIES WITHIN BARRIERS OR CHANGES IN BARRIER LOCATION SHALL BE SPECIFICALLY APPROVED BY THE COUNTY.

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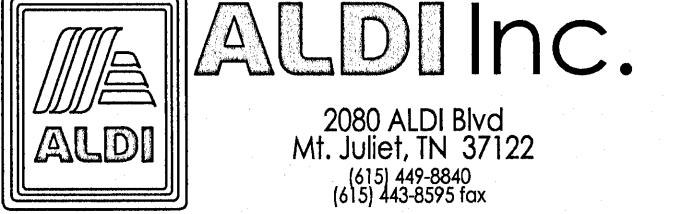
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**B.M. ELEVATION=72.38'**  
CUT 'X' LOCATED IN SIDEWALK AT THE NE CORNER OF THE INTERSECTION OF MOBILE HWY AND EDISON DRIVE.



**MANAGING LOCATION:**  
**MINNEAPOLIS / ST. PAUL OFFICE**  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



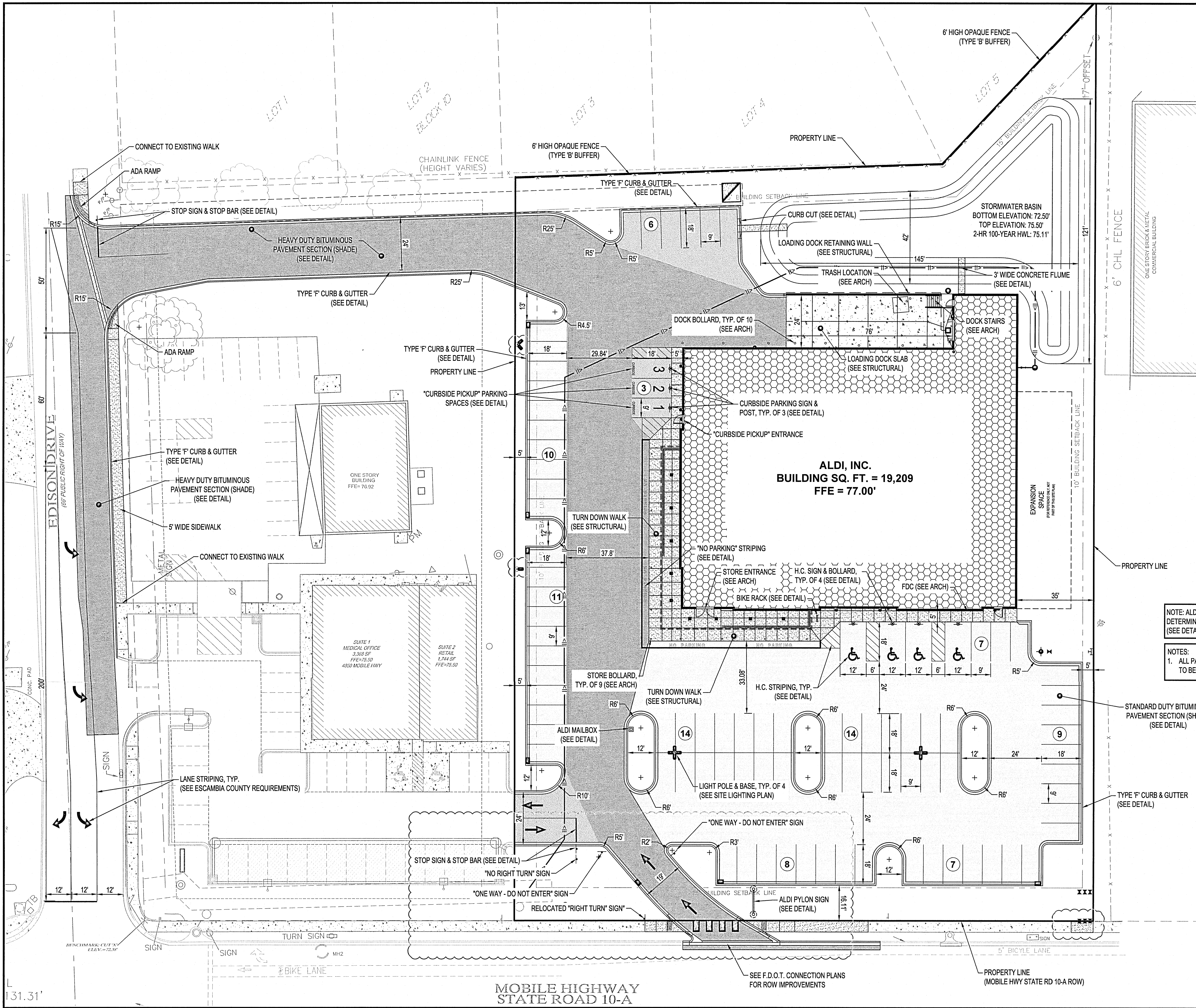
**ALDI Inc. Store #: 156**  
**PENSACOLA, FLORIDA**  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name & Location:

EXISTING SITE & REMOVAL PLAN

Drawing Name:	ISG Project No.
Type: V7.0 ER	21-25050
Drawn By: JMF	C-210
Designed By: JMF	Drawing No.
Reviewed By: RJA	



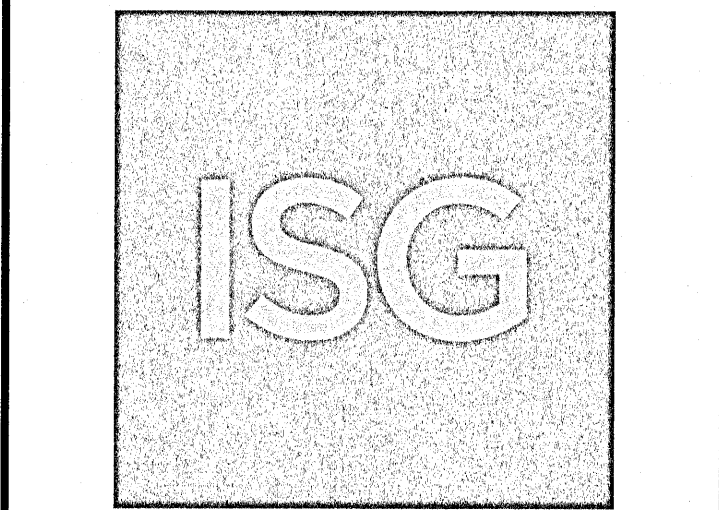


PAVEMENT LEGEND	
SYMBOL	DESCRIPTION
	BITUMINOUS PAVEMENT
	HEAVY DUTY BITUMINOUS PAVEMENT
	DOCK PAVEMENT (SEE STRUCTURAL)
	CONCRETE WALK
	REVERSE PITCH CONCRETE CURB & GUTTER

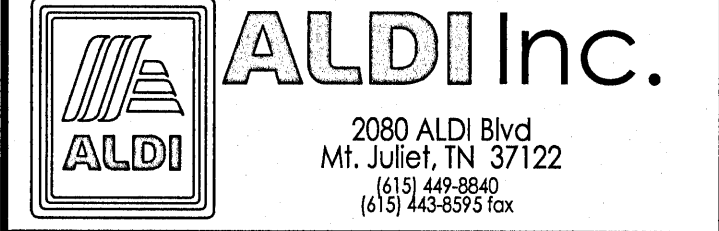
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**B.M. ELEVATION=72.38'**  
CUT 'X' LOCATED IN SIDEWALK AT THE NE CORNER OF THE INTERSECTION OF MOBILE HWY AND EDISION DRIVE.



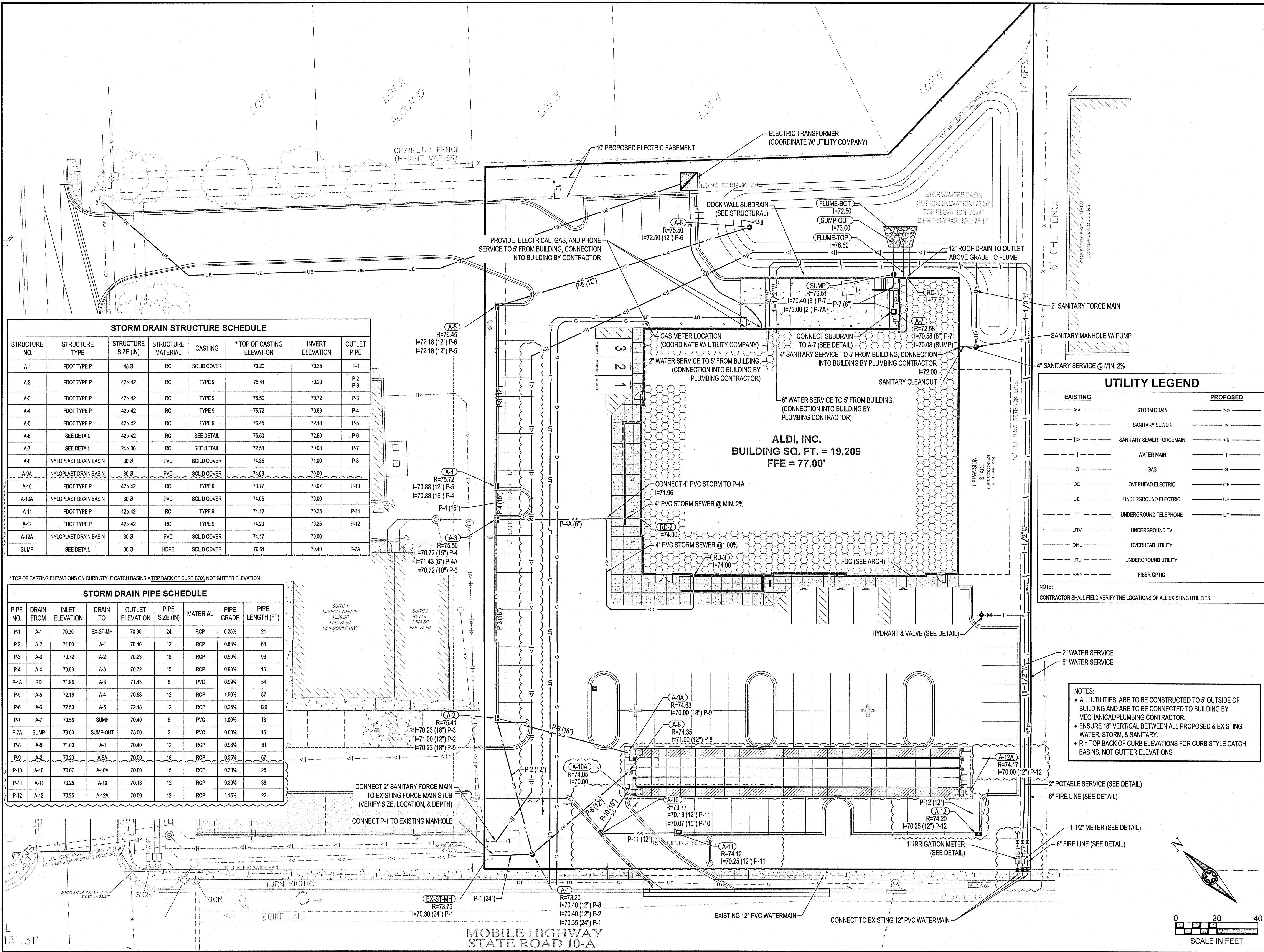
**MANAGING LOCATION:**  
MINNEAPOLIS / ST. PAUL OFFICE  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



**ALDI Inc. Store #: 156**  
PENSACOLA, FLORIDA  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY  
Project Name & Location:

SITE PLAN	
Drawing Name:	ISG Project No.
Type: V7.0 ER	21-25050
Drawn By: JMF	
Designed By: JMF	C-310
Reviewed By: RJA	Drawing No.





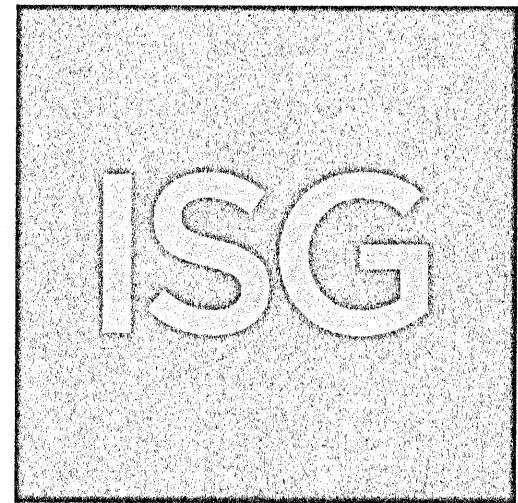
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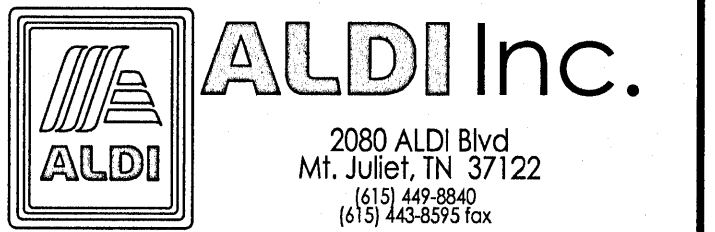


UTILITY LEGEND	
EXISTING	PROPOSED
-->>--	STORM DRAIN
-->--	SANITARY SEWER
-- >--	SANITARY SEWER FORCEMAIN
--I--	WATER MAIN
--G--	GAS
--OE--	OVERHEAD ELECTRIC
--UE--	UNDERGROUND ELECTRIC
--UT--	UNDERGROUND TELEPHONE
--UTV--	UNDERGROUND TV
--OHL--	OVERHEAD UTILITY
--UTL--	UNDERGROUND UTILITY
--FBO--	FIBER OPTIC
NOTE: CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES.	

**B.M. ELEVATION = 72.38'**  
CUT 'X' LOCATED IN SIDEWALK AT THE  
NE CORNER OF THE INTERSECTION  
OF MOBILE HWY AND EDISON DRIVE.



**MANAGING LOCATION:**  
**MINNEAPOLIS / ST. PAUL OFFICE**  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



**ALDI Inc. Store #: 156**  
**PENSACOLA, FLORIDA**  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name & Location:

## SITE UTILITY PLAN

Drawing Name:	ISG Project No.
Type: V7.0 ER	21-25050
Drawn By: JMF	
Designed By: JMF	C-320
Reviewed By: RJA	Drawing No.



**KEY ITEMS:**


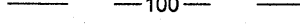





1. UNDOCUMENTED FILL MAY BE PRESENT ON SITE. CONTINGENCIES SHOULD BE INCLUDED IN THE PROJECT BUDGET FOR UNDERCUTTING OR OTHER REMEDIAL SUBGRADE IMPROVEMENT FOR ISOLATED DEFICIENT AREAS.

MATCH EXISTING WALK GRADE,  
CONTRACTOR TO ENSURE WALK  
CONNECTION IS ADA COMPLIANT

**MATCH EXISTING GRADES -**

## FLUSH PAVEMENT AT WALK


TRANSITION FROM FLUSH  
TO TOP BACK OF 6" CURB

	EXISTING CONTOUR (MINOR INTERVAL)
	EXISTING CONTOUR (MAJOR INTERVAL)
	PROPOSED CONTOUR (MINOR INTERVAL)
	PROPOSED CONTOUR (MAJOR INTERVAL)
	PROPOSED SPOT ELEVATION
	PROPOSED TOP BACK OF CURB SPOT ELEVATION
	SURFACE GRADE / DIRECTION


PROPOSED CONTOURS SHOW FINISHED GRADE ELEVATIONS. BUILDING PAD AND PAVEMENT HOLD DOWNS ARE NOT INCLUDED. WHEN CONSTRUCTING BUILDING PADS WITH A HOLD DOWN, GRADE AREAS TO ENSURE POSITIVE BUILDING PAD DRAINAGE.

CONTRACTOR TO ENSURE THAT ADA COMPATIBILITY WILL BE MAINTAINED FOR ALL ASPECTS OF SIDEWALK / CROSSWALK CONSTRUCTION.

Revisions:		Date:
1	CCD #01	09/10/21
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ISG

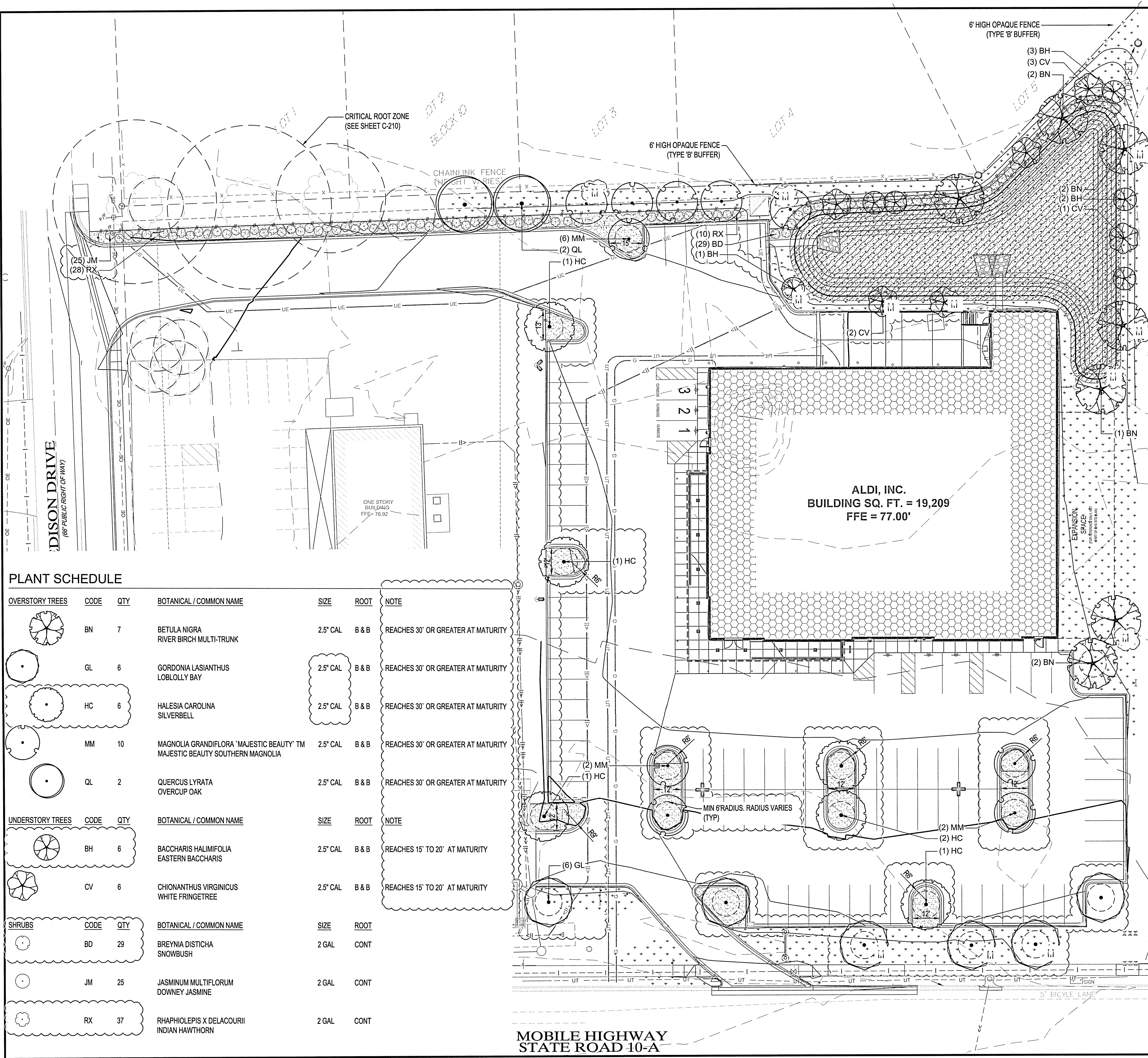


**ALDI Inc.**  
2080 ALDI Blvd  
Mt. Juliet, TN 37122  
(615) 449-8840  
(615) 443-8595 fax

# SITE GRADING PLAN

Drawing Name:		ISG Project No.  21-25050  <hr/> C-410  Drawing No.
Type:	V7.0 ER	
Drawn By:	JMF	
Designed By:	JMF	
Reviewed By:	RJA	





ORD. NO. 2015-12 LANDSCAPE AREAS AND QUANTITIES

NO PARCEL SHALL PROVIDE LESS THAN 15% PERCENT LANDSCAPE.

ALL PLANTS REQUIRED SHALL CONFORM TO THE STANDARDS OF FLORIDA GRADE NO. 1 OR BETTER

**PLANT SPECIFICATIONS:**

CANOPY TREES SHALL ATTAIN A MATURE HEIGHT OF AT LEAST 30 FEET AND HAVE A MINIMUM CALIPER OF 2.5 INCHES OR GREATER.

ALL SHRUBS SHALL BE A MINIMUM OF 12 INCHES IN HEIGHT AT PLANTING

• NON-NATIVE SPECIES ARE LIMITED TO 25% OR LESS OF THE TOTAL REQUIRED TREES PLANTED

ALL CANOPY TREES TO BE PLANTED WITHIN AN UNOBSTRUCTED ROOTING AREA WITH A MINIMUM 6 FT RADIUS CENTERED ON THE TREE.

THE MINIMUM INTERNAL WIDTH FOR A TYPICAL INTERIOR ISLAND SHALL BE 12 FT.

A LANDSCAPE BUFFER IS REQUIRED TO PROTECT THE LOWER INTENSITY USE FROM THE HIGHER INTENSITY USE:

• GENERAL COMMERCIAL USES CONSISTENT WITH THE COMMERCIAL (COM) ZONING DISTRICT SHALL PROVIDE A TYPE-B BUFFER

**TYPE B BUFFER - PER 100 LINEAR FEET OF BUFFER**

TOTAL LINEAR FEET OF REQUIRED SCREENING: 461 LF / 100 LF = 4.61

- 4.61 x 2.5 CANOPY TREES REQUIRED = 11 TREES
- 4.61 x 2.0 UNDERSTORY TREES REQUIRED = 9 TREES
- 4.61 x 20 SHRUBS = 92.2 SHRUBS

- (12) CANOPY TREES PROVIDED (5 EXISTING)
- (9) UNDERSTORY TREES PROVIDED
- (92) SHRUBS PROVIDED
- (13) PARKING LOT TREES

**REMOVAL AND MITIGATION**

REMOVED TREES TOTAL DIAMETER (DBH) = 250"  
MINIMUM REQUIRED REPLACEMENT (50%) = 125"  
REPLACEMENT LIMIT 25 CALIPER INCHES PER ACRE =  
25 X 2.83 = 70.75 CALIPER INCHES REQUIRED

**MITIGATION TREES**

70.75 CALIPER INCHES REQUIRED / 2.5" CALIPER TREES = 28.3 (28)  
NATIVE TREES  
PROPOSED MITIGATION TREES = (12) NATIVE TREES (MARKED IN RED)  
DEVELOPER WILL PAY INTO ESCAMBIA COUNTY TREE FUND 16 x  
TREES 350/TREE = \$5,600

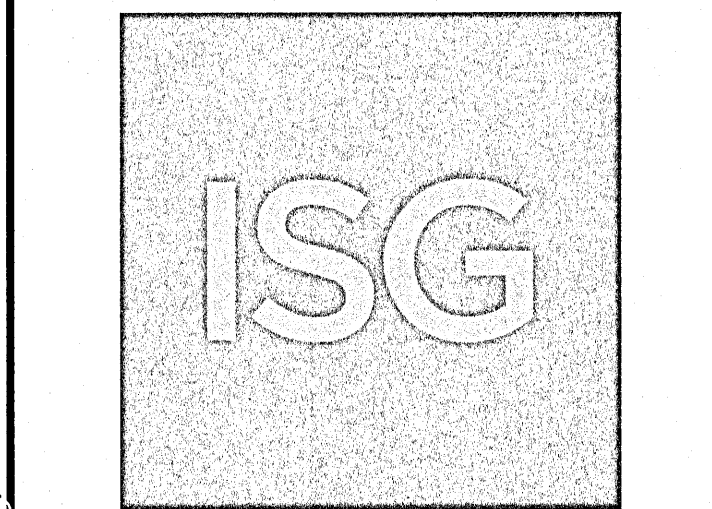
MULCH	QTY	DESCRIPTION
	4,858 SF	ROCK MULCH 2" - 3" RIVER ROCK MULCH
SEED MIX	QTY	DESCRIPTION
	8,063 SF	DRY POND SEED MIX (ORCHARD GRASS SEED MIX)
	13,081 SF	TURF SOD (BAHIA GRASS)

Issued:	Date:
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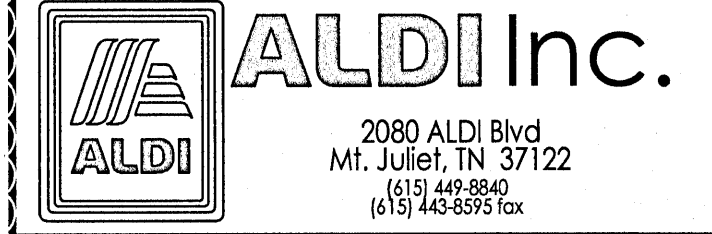
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by Andrew  
Brandel  
Date:  
2021.09.03  
09:34:29 -05'00'

SEE IRRIGATION NOTES ON SHEET C520

**B.M. ELEVATION=72.38'**  
CUT 'X' LOCATED IN SIDEWALK AT THE  
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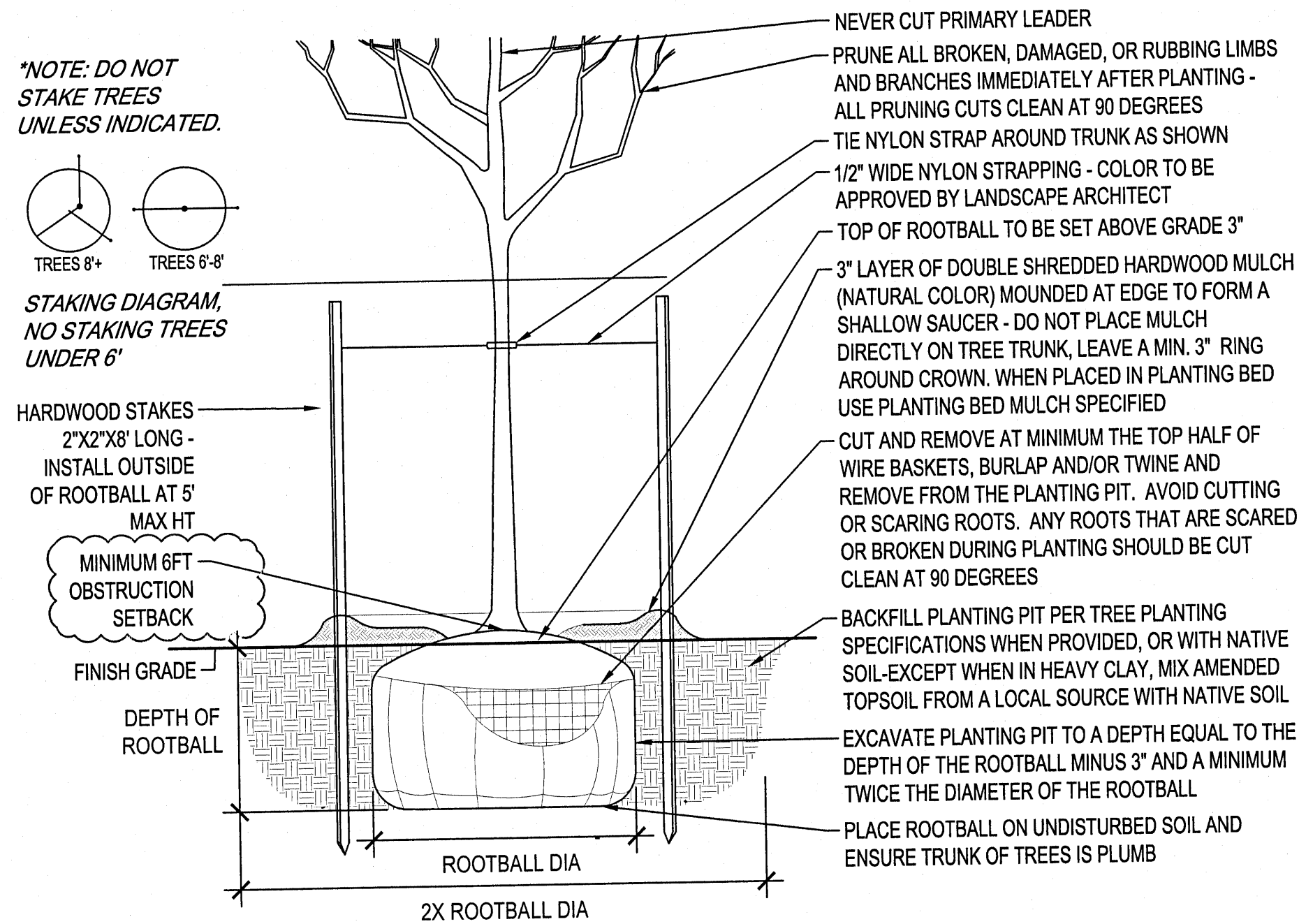
**ALDI Inc. Store #: 156**  
**PENSACOLA, FLORIDA**  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name & Location:

**SITE RESTORATION &  
PLANTING PLAN**

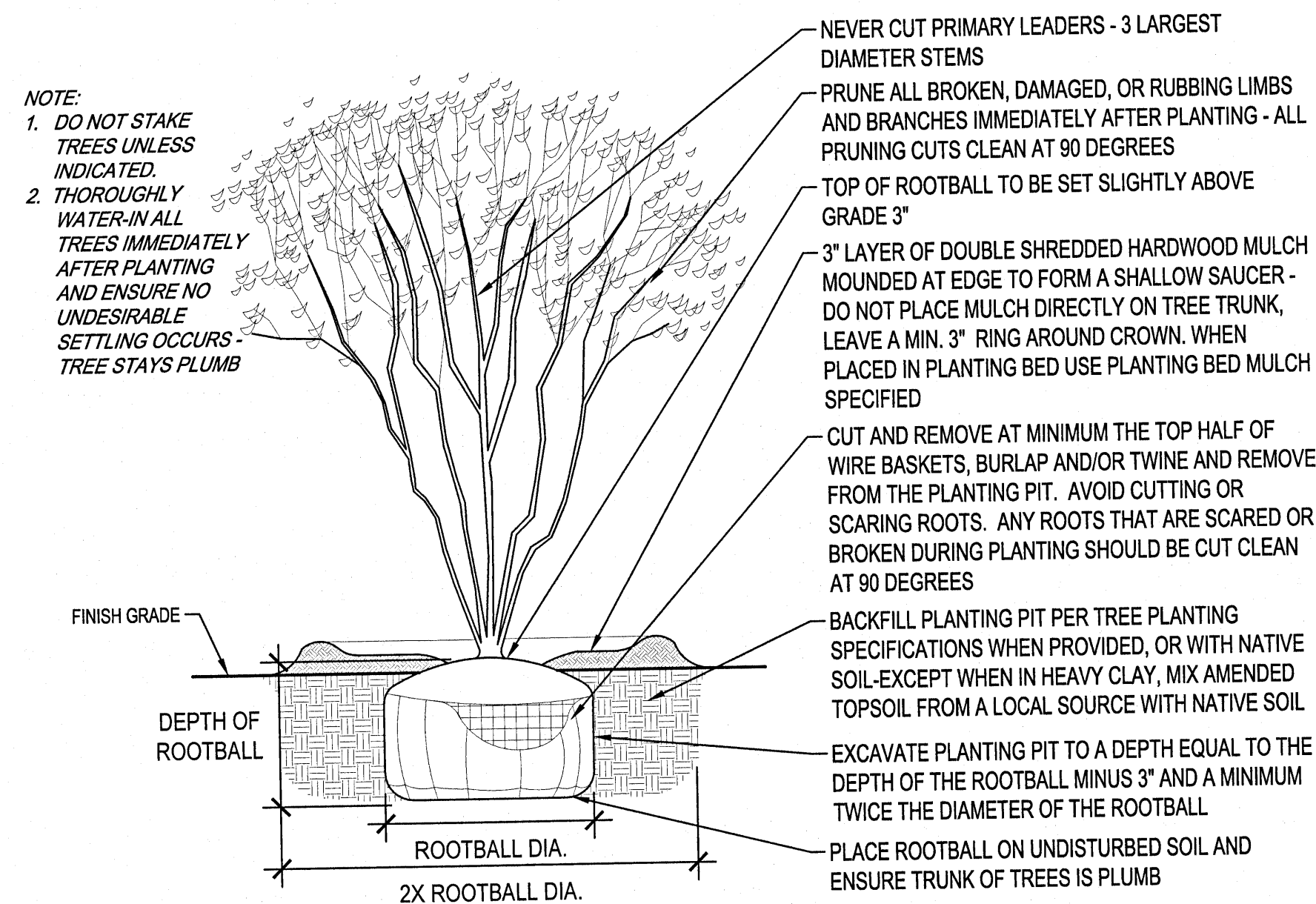
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Type: V7.0 ER	21-25050
Drawn By: AE	
Designed By: AE	C-510
Reviewed By: MRW	Drawing No.





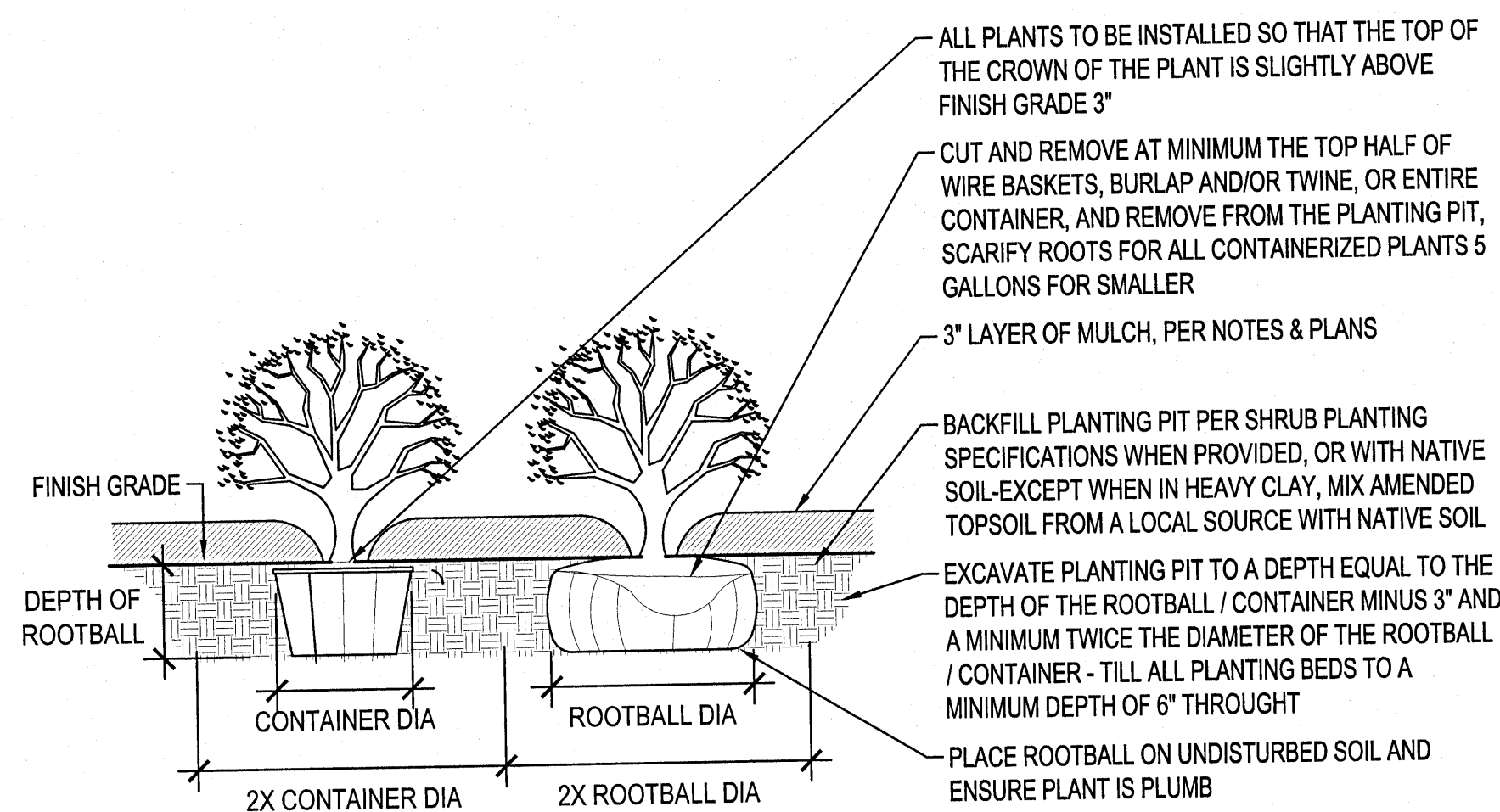
#### DECIDUOUS TREE PLANTING DETAIL

SCALE: 1" = 1'-0



#### MULTI-STEM TREE PLANTING DETAILS

SCALE: 1" = 1'-0



#### SHRUB PLANTING DETAIL

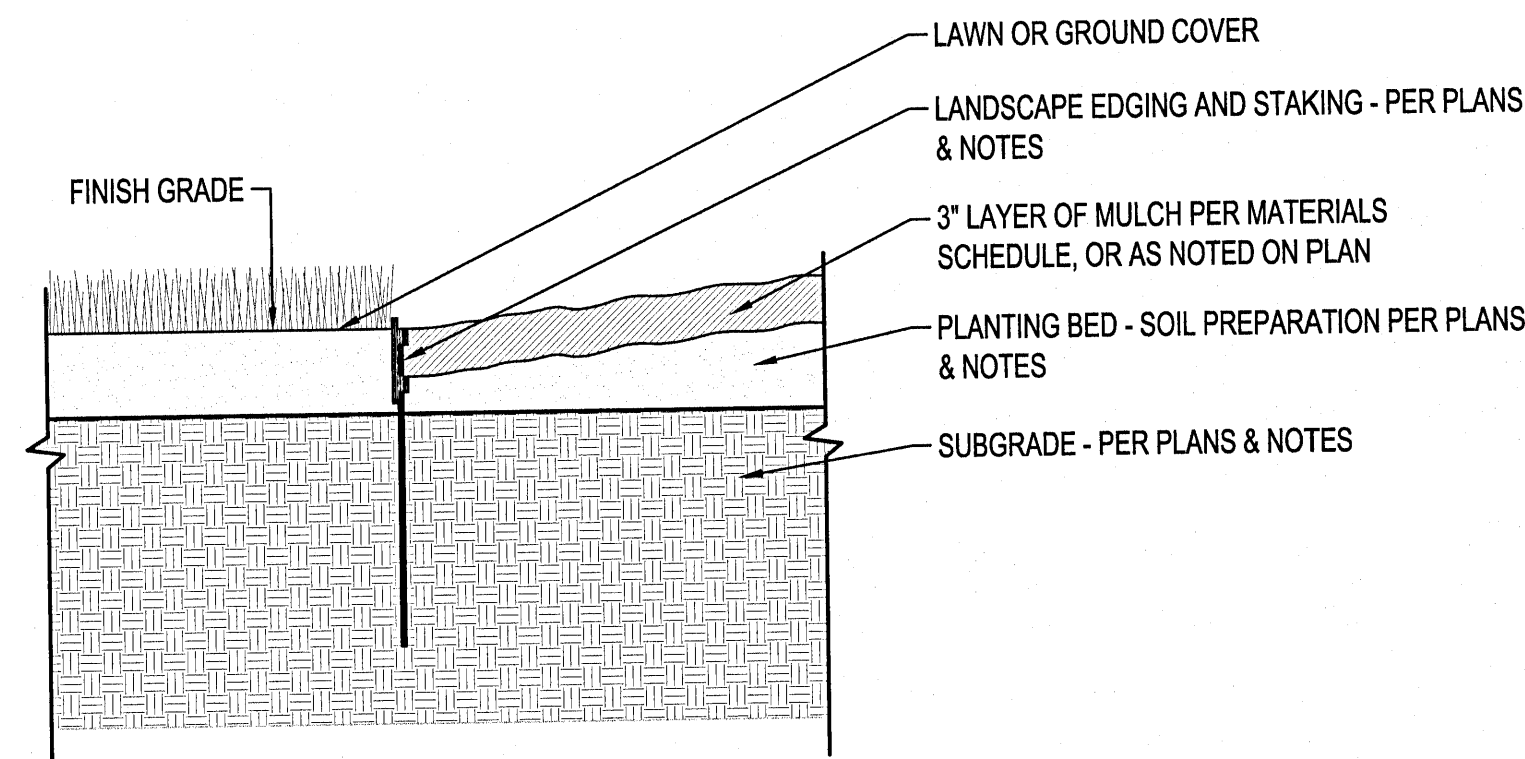
SCALE: 1" = 1'-0

#### GENERAL PLANTING NOTES

- COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (FENCE, FOOTINGS, TREE ROOTBALLS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WORK.
- SAVE AND PROTECT ALL EXISTING TREES AND SHRUBS NOT NOTED TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO OPERATIONS. ANY AREAS THAT ARE DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER, INCLUDING PLANTING AND MULCH.
- REMOVE ALL CONSTRUCTION DEBRIS AND MATERIALS INJURIOUS TO PLANT GROWTH FROM PLANTING PITS AND BEDS PRIOR TO BACKFILLING WITH PLANTING MIX.
- IF DISCREPANCIES EXIST BETWEEN THE NUMBER OF PLANTS DRAWN ON THE PLANTING PLAN AND THE NUMBER OF PLANTS IN THE SCHEDULE, THE PLANTING PLAN SHALL GOVERN.
- OWNER RESERVES THE RIGHT TO REVISE QUANTITIES TO SUIT BUDGET LIMITATIONS. CONTRACTOR'S UNIT BID PRICES SHALL PREVAIL FOR ANY CHANGES IN QUANTITIES.
- PLANT MATERIALS MUST CONFORM TO GRADES AND STANDARDS FOR NURSERY PLANTS, DIVISION OF PLANT INDUSTRY, FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. LARGER SIZED PLANT MATERIALS OF THE SPECIES LISTED MAY BE USED IF THE STOCK CONFORMS TO THE REFERENCED MANUAL.
- ALL PLANT MATERIAL SHALL BE GUARANTEED TO BE IN A LIVE AND HEALTHY GROWING CONDITION FOR ONE FULL GROWING SEASON (ONE YEAR) AFTER FINAL PROJECT ACCEPTANCE OR SHALL BE REPLACED BY THE CONTRACTOR FREE OF CHARGE WITH THE SAME GRADE AND SPECIES.
- INDICATED QUANTITIES ARE ESTIMATES AND SHOULD BE CONFIRMED BY THE CONTRACTOR/BIDDER.
- ALL CANOPY TREES TO BE PLANTED WITHIN AN UNOBSTRUCTED ROOTING AREA WITH A MINIMUM 6 FT RADIUS CENTERED ON THE TREE.
- ALL CANOPY TREES SHALL BE SETBACK A MINIMUM 6 FEET FROM CURBS OR OTHER OBSTRUCTIONS.
- ALL UNDERSTORY TREES SHALL BE SETBACK 4 FEET FROM CURBS OR OTHER OBSTRUCTIONS.
- THE MINIMUM INTERNAL WIDTH FOR A TYPICAL INTERIOR ISLAND SHALL BE 12 FT.
- PROVIDE 2" - 3" RIVER ROCK MULCH AT 3" DEPTH WITH PERMEABLE WEED BARRIER IN ALL PLANTING BEDS, PARKING ISLANDS, AND MOW STRIP AREAS. FOR TREES NOT LOCATED IN PARKING ISLANDS, OR PLANTING BEDS, PROVIDE DOUBLE SHREDDED HARDWOOD MULCH RING (NATURAL COLOR) AT 3" DEPTH PER PLANTING DETAILS.
- ALL PLANTING BEDS AND MAINTENANCE STRIP THAT ABUTS SOD AREAS TO HAVE BLACK POLY OR VINYL EDGING (COMMERCIAL GRADE).
- ALL TURF AREAS DISTURBED BY CONSTRUCTION SHALL BE SEEDED OR SODDED PER PLANS.

#### IRRIGATION NOTES

- IRRIGATION SYSTEM SHALL BE CONSTRUCTED AS A DESIGN BUILD PROJECT. SUBMIT DESIGN DRAWINGS FOR APPROVAL BY OWNER.
- ONLY PLANTING BEDS AND TURF AREAS SHALL BE SERVICED BY THE IRRIGATION SYSTEM. ALL IRRIGATION SHALL BE COMPATIBLE WITH LOCAL JURISDICTION CODE. IRRIGATION SHALL NOT OVER SPRAY ONTO ADJACENT HARDSCAPE, BUILDINGS, OR ANY OTHER NON-TURF AREAS.
- PROVIDE ALL IRRIGATION LINE, SPRAY HEADS, SLEEVING UNDER HARDSCAPE, VALVES, WIRING, CONTROLLER, BACK-FLOW PREVENTOR, MAIN & LATER PIPES, CENTRAL CONTROL WATER MANAGEMENT SYSTEM, AND ALL OTHER REQUIRED ACCESSORIES.
- CONFIRM POINT(S) OF CONNECTION AND CONTROL BOX LOCATIONS WITH OWNER PRIOR TO DESIGN OF IRRIGATION SYSTEM. COORDINATE LOCATIONS OF SLEEVING WITH ALL UTILITIES, FOOTINGS, AND ANY OTHER UNDERGROUND CONSTRUCTION.
- IRRIGATION WATER METER TO BE INSTALLED BY PLUMBING CONTRACTOR.



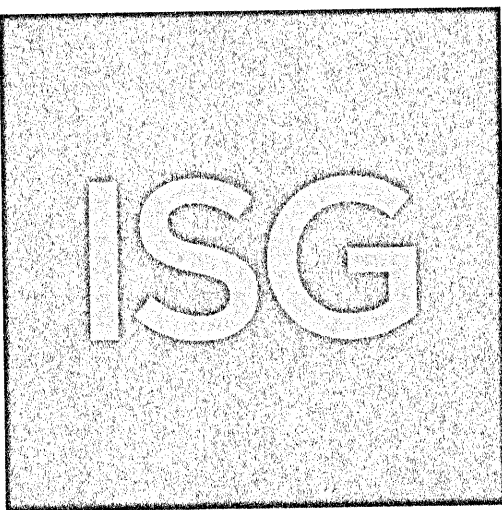
#### LANDSCAPE EDGING DETAIL

SCALE: 1" = 1'-0

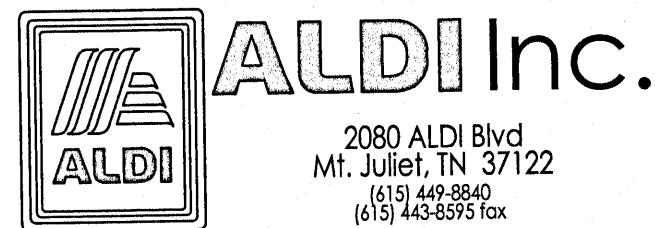
Issued:		Date:
A	SITE PLAN REVIEW #1	05/18/21
B	SITE PLAN REVIEW #2	06/24/21
C	PERMIT/BID SET	07/28/21
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Revisions:		Date:
1	CCD #01	09/10/21
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Digitally signed  
by Andrew  
Brandel  
Date:  
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09:34:57 -05'00'

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CUT 'X' LOCATED IN SIDEWALK AT THE  
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**MANAGING LOCATION:**  
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MINNEAPOLIS, MN 55425  
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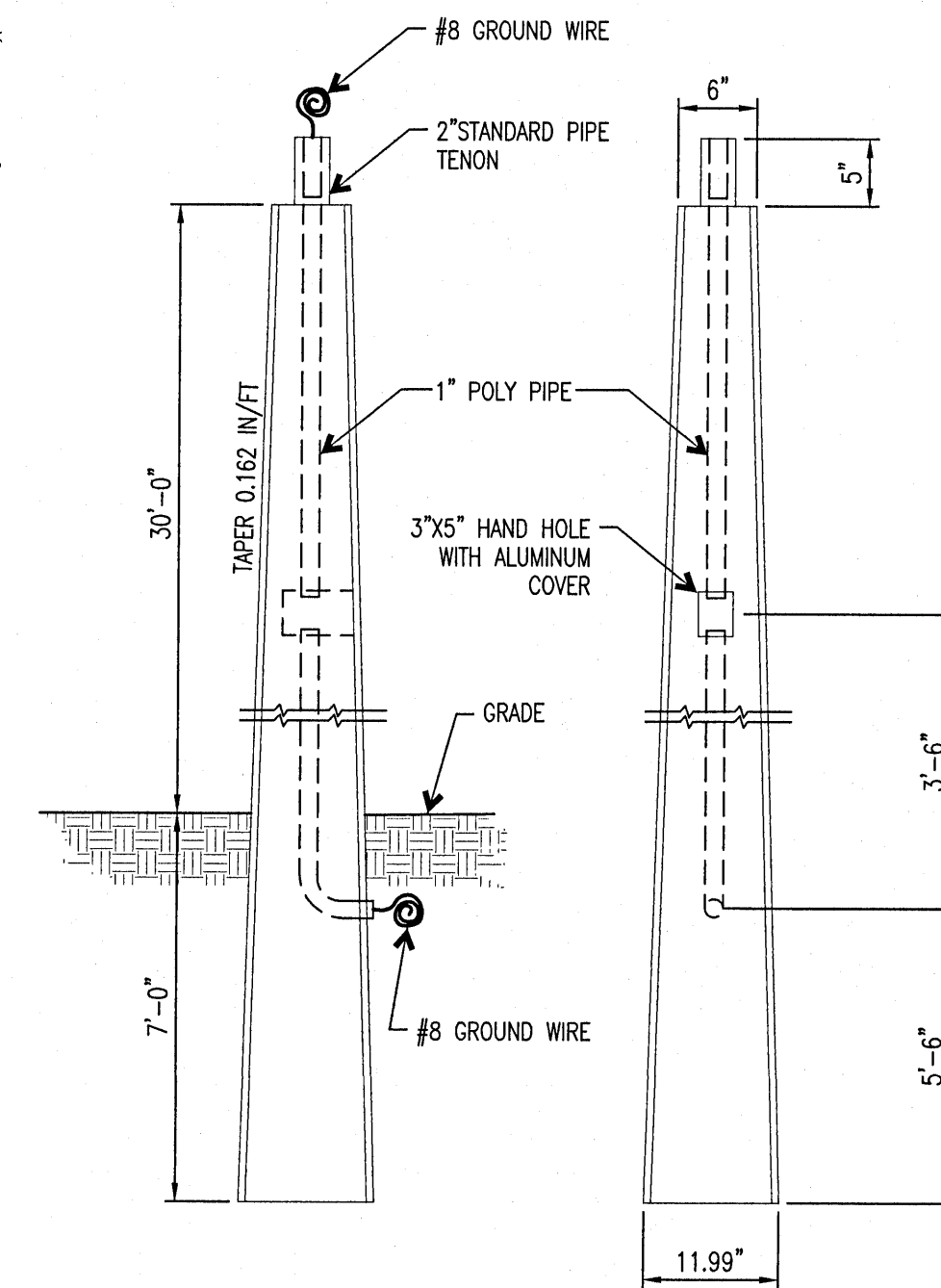
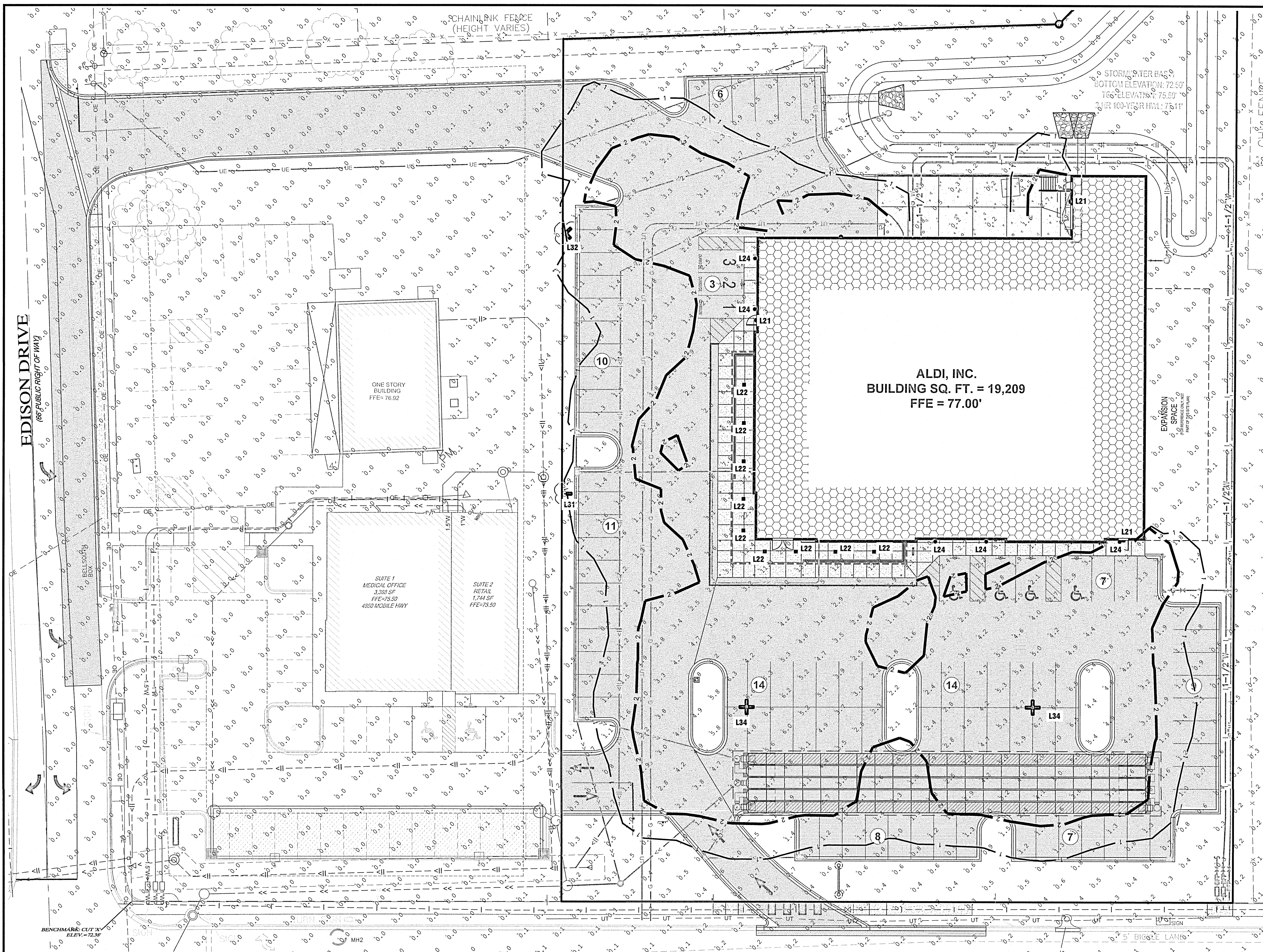
ALDI Inc. Store #: 156  
PENSACOLA, FLORIDA  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name & Location:

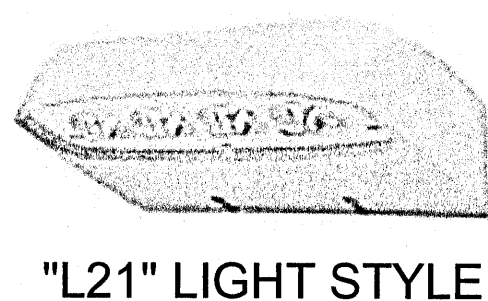
#### SITE PLANTING NOTES & DETAILS

Drawing Name:		ISG Project No.
Type:	V7.0 ER	21-25050
Drawn By:	AE	
Designed By:	AE	C-520
Reviewed By:	MRW	Drawing No.

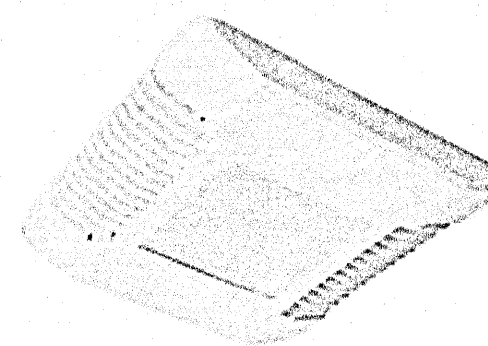




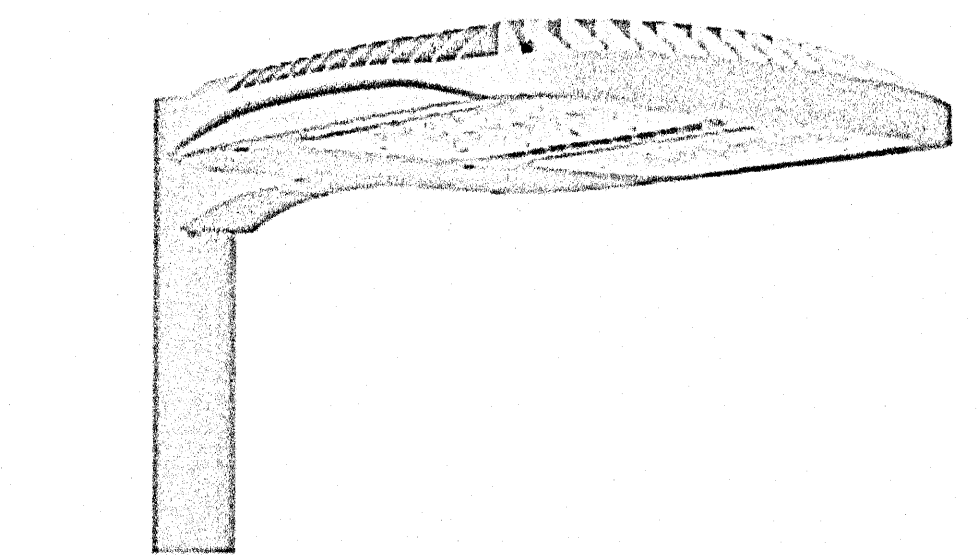
1 LIGHT POLE DETAIL  
N.T.S.



"L21" LIGHT STYLE



"L22" LIGHT STYLE

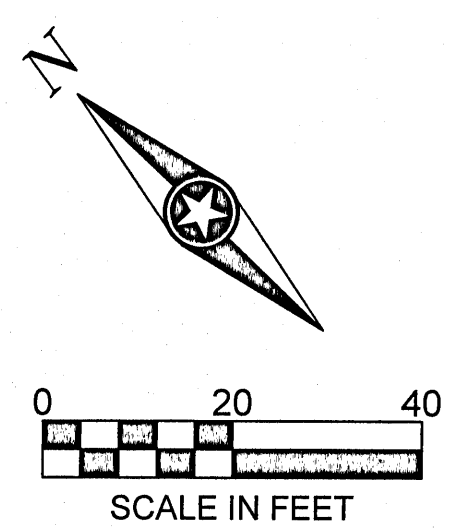


"L24" LIGHT STYLE

"L31", "L33", & "L34" LIGHT STYLE

NOTE: SEE ELECTRICAL PLAN  
FOR SITE ELECTRICAL LAYOUT

FOOTCANDLE LEGEND	
1.00 FOOTCANDLE LINE	1
2.00 FOOTCANDLE LINE	2



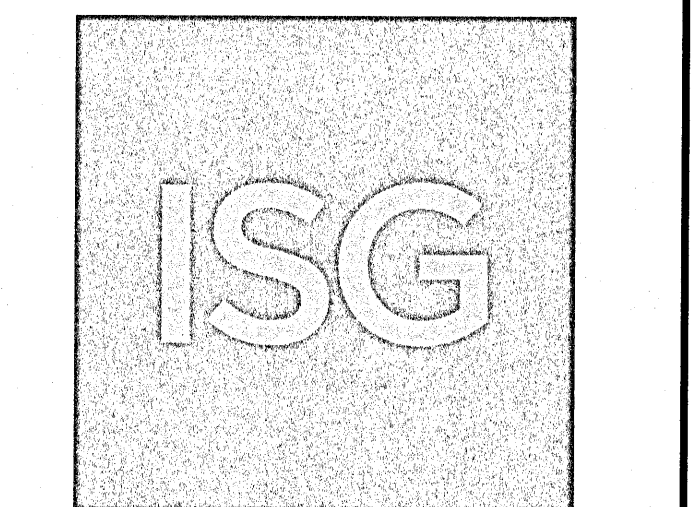
Provide light fixtures as shown on Fixture Schedule. Substitutions shall have prior approval by the Project Engineer before bid date. Being listed as an acceptable Manufacturer in no way relieves the Contractors obligation to provide all equipment and features in accordance with these specifications.				
LIGHT FIXTURE SCHEDULE				
TYPE	STYLE	MANUFACTURER/MODEL NUMBER	LAMPS	REMARKS
L21	BUILDING MOUNTED WALL PACK	CREE LIGHTING #XSPW-B-WM-3ME-4L-30K-UL-SV-P	LED	MOUNT FIXTURE AT 12'-0" ABOVE FINISHED FLOOR
L22	CANOPY	CREE LIGHTING #CPY250-A-DM-F-C-UL-CS-30K	LED	MOUNT FIXTURE ON UNDERSIDE OF CANOPY
L24	ACCENT CYLINDER	CREE LIGHTING #CL-20364LEDD-SAT-CLR-SB	LED	MOUNT FIXTURE AT 10'-6" ABOVE FINISHED FLOOR
L31	SITE POLE SINGLE HEAD @ 90	CREE LIGHTING #OSQ-A-NM-4ME-B-57K-UL-SV, w/OSQ-B-AA-SV, w/PT-1-SV	LED	1@90 ADJUSTABLE ARM MOUNT WITH TENON
	POLE	PRECAST SPECIALTIES #37 TYPE I-O S w/2" TENON		37'-0" POLE
L32	SITE POLE DOUBLE HEAD @ 90	CREE LIGHTING #OSQ-A-NM-4ME-B-57K-UL-SV, w/OSQ-B-AA-SV, w/PT-2(90)-SV, w/OSQ-BLSMF	LED	2@90 ADJUSTABLE ARM MOUNT WITH TENON
	POLE	PRECAST SPECIALTIES #37 TYPE I-O S w/2" TENON		37'-0" POLE
L34	SITE POLE QUAD HEAD @ 90	CREE LIGHTING #OSQ-A-NM-4ME-B-57K-UL-SV, w/OSQ-B-AA-SV, w/PT-4(90)-SV	LED	4@90 ADJUSTABLE ARM MOUNT WITH TENON
	POLE	PRECAST SPECIALTIES #37 TYPE I-O S w/2" TENON		37'-0" POLE

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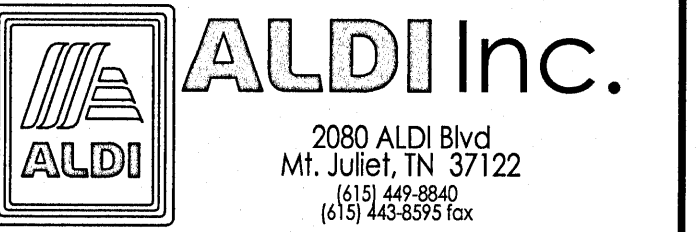
Revisions:		Date:
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Digitally signed by  
Andrew Brandel  
Date: 2021.09.03  
09:35:22  
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**PENSACOLA, FLORIDA**  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name & Location:

## SITE LIGHTING PHOTMETRIC PLAN

Drawing Name:		ISG Project No.
Type:	v7.0 ER	21-25050
Drawn By:	JMF	
Designed By:	JMF	C-610
Reviewed By:	RJA	Drawing No.



