

**PROJECT ADDRESS / LOCATION:  
4830 MOBILE HIGHWAY**

**S15, T2S, R30W  
PENSACOLA, FLORIDA  
ESCAMBI COUNTY**

SITE SUMMARY			
<b>ZONING:</b>	COMMERCIAL, HEAVY COMMERCIAL, & LIGHT INDUSTRIAL (FLU - COMMERCIAL)		
<b>SITE/LOT AREA:</b>	93,748 SF / 2.15 AC.		
<b>IMPERVIOUS AREA:</b>	66,006 SQ. FT / 1.515 AC. (70%)		
<b>GREENSPACE PROVIDED:</b>	27,742 SQ. FT / 0.637 AC. (30%)		
PARKING REQUIREMENTS (PER CITY CODE)			
TYPE	UNIT / AREA	STALLS REQUIRED	STALLS PROVIDED
9'x18"	4 / 1,000 SF	77	90
ADA ACCESSIBLE		4	4
<b>TOTAL:</b>		<b>81</b>	<b>94</b>
SETBACKS			
		PARKING	BUILDING
FRONT YARD			15
SIDE YARD			10
REAR YARD			15

**PROJECT GENERAL NOTES**

- ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS AND CLARIFICATIONS ISSUED BY THE ARCHITECT/ENGINEER.
- CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN, WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
- THE LOCATION AND TYPE OF ALL INPLACE UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF I & S GROUP, INC. (ISG). NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS AND ELEVATIONS OF ALL INPLACE UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
- THE CONTRACTOR IS TO CONTACT "SUNSHINE 811" FOR UTILITY LOCATIONS, MINIMUM 2 BUSINESS DAYS PRIOR TO ANY EXCAVATION / CONSTRUCTION (811 OR SUNSHINE811.COM).

**SPECIFICATIONS REFERENCE**

ALL CONSTRUCTION SHALL COMPLY WITH ESCAMBI COUNTY REQUIREMENTS, ECUA, FLORIDA DESIGN MANUAL, AND FDOT 2021-22 STANDARD PLANS FOR CONSTRUCTION INDEX DETAILS.

**PROJECT DATUM**

HORIZONTAL COORDINATES HAVE BEEN REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), 1996 ADJUSTMENT (NAD83(1996)) ON THE ESCAMBI COUNTY COORDINATE SYSTEM, IN U.S. SURVEY FEET. ELEVATIONS HAVE BEEN REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

**TOPOGRAPHIC SURVEY**

THIS PROJECT'S TOPOGRAPHIC SURVEY CONSISTS OF DATA COLLECTED IN 2021 BY BUTLER AND ASSOCIATES.

**FLOODPLAIN MANAGEMENT**

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 ESCAMBI COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBERS 12033C0360G, MAP REVISION DATED SEPTEMBER 29, 2008.

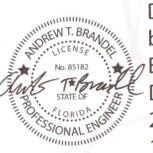
LEGEND	
<b>EXISTING</b>	
[Symbol]	CITY LIMITS
[Symbol]	SECTION LINE
[Symbol]	QUARTER SECTION LINE
[Symbol]	RIGHT OF WAY LINE
[Symbol]	PROPERTY / LOTLINE
[Symbol]	EASEMENT LINE
[Symbol]	ACCESS CONTROL
[Symbol]	WATER EDGE
[Symbol]	WETLAND BOUNDARY
[Symbol]	WETLAND / MARSH
[Symbol]	FENCE LINE
[Symbol]	CULVERT
[Symbol]	STORM SEWER
[Symbol]	SANITARY SEWER
[Symbol]	SANITARY SEWER FORCEMAIN
[Symbol]	WATER
[Symbol]	GAS
[Symbol]	OVERHEAD ELECTRIC
[Symbol]	UNDERGROUND ELECTRIC
[Symbol]	UNDERGROUND TELEPHONE
[Symbol]	UNDERGROUND TV
[Symbol]	OVERHEAD UTILITY
[Symbol]	UNDERGROUND UTILITY
[Symbol]	UNDERGROUND FIBER OPTIC
[Symbol]	CONTOUR (MAJOR)
[Symbol]	CONTOUR (MINOR)
[Symbol]	DECIDUOUS TREE
[Symbol]	CONIFEROUS TREE
[Symbol]	TREE LINE
[Symbol]	MANHOLE/STRUCTURE
[Symbol]	CATCH BASIN
[Symbol]	HYDRANT
[Symbol]	VALVE
[Symbol]	CURB STOP
[Symbol]	POWER POLE
[Symbol]	UTILITY PEDESTAL / CABINET
<b>PROPOSED</b>	
[Symbol]	LOT LINE
[Symbol]	RIGHT OF WAY
[Symbol]	EASEMENT
[Symbol]	CULVERT
[Symbol]	STORM SEWER
[Symbol]	STORM SEWER (PIPE WIDTH)
[Symbol]	SANITARY SEWER
[Symbol]	SANITARY SEWER (PIPE WIDTH)
[Symbol]	WATER
[Symbol]	GAS
[Symbol]	OVERHEAD ELECTRIC
[Symbol]	UNDERGROUND ELECTRIC
[Symbol]	UNDERGROUND TV
[Symbol]	CONTOUR
[Symbol]	MANHOLE
[Symbol]	CATCH BASIN
[Symbol]	HYDRANT
[Symbol]	VALVE

**CIVIL SHEET INDEX**

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	PLYON 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

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	CCD #01 09/10/21
2	
3	
4	
5	
6	
7	
8	
9	

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 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



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

Project Name & Location:

**SITE DATA**

Drawing Name:	ISG Project No.
Type: V7.0 ER	21-25050
Drawn By: JMF	
Designed By: JMF	C-010
Reviewed By: RJA	Drawing No.

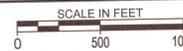


Approved  
**ESCAMBI COUNTY DRC PLAN REVIEW**

DRC Chairman Signature: *[Signature]* Date: 9-15-21  
Printed Name: *[Name]*  
Development Services Director or Business

This document has been reviewed in accordance with the requirements of applicable Escambia County Regulations and Ordinances, and does not in any way relieve the submitting Architect, Engineer, Surveyor or other signatory from responsibility of details as drawn. A Development Order (DO) must be obtained through the Development Review Process prior to the commencement of construction. This DO approval does not constitute approval by any other agency. All additional state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of a building permit.

**LOCATION MAP**

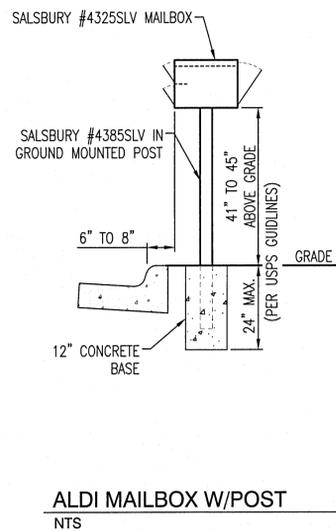


**GENERAL NOTES**

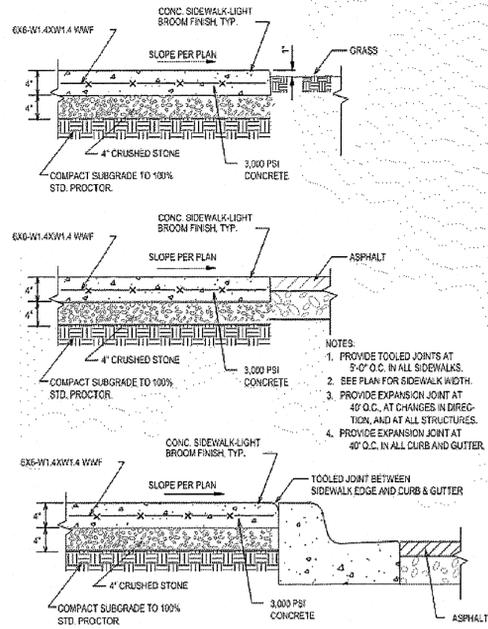
- THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBI COUNTY AS-BUILT RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBI COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, OR PROVIDE AS-BUILT CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO 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.
- ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.
- NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE ESCAMBI COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.
- 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.
- 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.
- ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD.
- ALL NEW BUILDING ROOF DRAINS, DOWN SPOUTS, OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER TO RETENTION/DETENTION AREAS.
- 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.
- CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW AS-BUILT CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TPO OF PONDS, OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.
- 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.
- CONTRACTOR SHALL OBTAIN BUILDING INSPECTION DEPARTMENT PERMIT(S) FOR ANY RETAINING WALL HIGHER THAN 2 FEET.\*
- NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN R/W, 1-800-432-4770.
- ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL AS-BUILT SIGN OFF FROM THE COUNTY.\*
- THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHTS-OF-WAY.\*
- 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.

**CIVIL PLAN ABBREVIATIONS:**

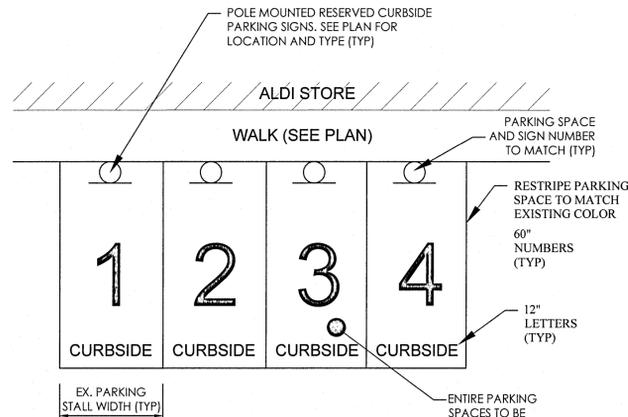
AC	ACRE	CI	CONTROL JOINT	EOF	EMERGENCY OVERFLOW	GPM	GALLONS PER MINUTE	J-BOX	JUNCTION BOX	OC	ON CENTER	REBAR	REINFORCING BAR	TRANS	TRANSFORMER
ADA	AMERICANS WITH DISABILITIES ACT	CL	CENTERLINE	EQ	EQUAL	GV	GATE VALVE	IT	JOINT	OCEW	ON CENTER EACH WAY	REM	REMOVE	TV	TELEVISION
ADD	ADDENDUM	CMP	CORRUGATED METAL PIPE	EX	EXISTING	HDPE	HIGH DENSITY POLYETHYLENE	LF	LINEAR FEET	OH	OVERHEAD	ROW	RIGHT OF WAY	T/W	TOP OF WALL
AFF	ABOVE FINISHED FLOOR	CO	CLEANOUT	FDC	FIRE DEPARTMENT CONNECTION	LN	LINEAR	UPS	LOW PRESSURE STEAM	OZ	OUNCE	R/W	RIGHT OF WAY	TYP	TYPICAL
AGG	AGGREGATE	CONC	CONCRETE	FDN	FOUNDATION	LP	LUMP SUM	PED	PEDESTAL, PEDESTRIAN	SAN	SANITARY	SCH	SCHEDULE	UT	UTILITY, UNDERGROUND
APPROX	APPROXIMATE	CONST	CONSTRUCTION	FE	FINISHED FLOOR ELEVATION	PERF	PERFORATED	PL	PROPERTY LINE	SAN	SANITARY	SCH	SCHEDULE	VCP	VITRIFIED CLAY PIPE
ARCH	ARCHITECT, ARCHITECTURAL	CONT	CONTINUOUS	FFM	FEET PER MINUTE	HR	HOUR	SO	LOWEST STRUCTURAL OPENING	STA	STATION	SPEC	SPECIFICATION	W/O	WITHOUT
BFE	BASEMENT FLOOR ELEVATION	CY	CUBIC YARD	FPS	FEET PER SECOND	HWL	HIGH WATER LEVEL	MAX	MAXIMUM	STA	STATION	SQ	SQUARE	W/	WITH
CB	CATCH BASIN	CG	CURB AND GUTTER	FT	FOOT, FEET	HWY	HIGHWAY	MB	MAIL BOX	STA	STATION	YD	YARD	YD	YARD
BIT	BITUMINOUS	DEMO	DEMOLITION	FTG	FOOTING	HYD	HYDRANT	MECH	MECHANICAL	THRU	THROUGH	YR	YEAR	YR	YEAR
CA	COMPUTER-AIDED DESIGN	DIA	DIAMETER	GA	Gauge	I	INVERT	MH	MANHOLE	TY	TOP OF CURB				
CB	CATCH BASIN	DEM	DEMOLITION	GA	Gauge	I	INVERT	MH	MANHOLE	TY	TOP OF CURB				
CF	CUBIC FEET PER SECOND	DIM	DIMENSION	GAL	GALLON	ID	INSIDE DIAMETER	MIN	MINIMUM	TEL	TELEPHONE				
CI	CAST IRON	DS	DOWNSPOUT	GALV	GALVANIZED	IN	INCH	MISC	MISCELLANEOUS	TEMP	TEMPORARY				
CIP	CAST IRON PIPE	EA	EACH	GC	GENERAL CONTRACTOR	INV	INVERT	NO	NUMBER	RAD	RADIUS				
CIPC	CAST IN PLACE CONCRETE	ELEC	ELECTRICAL	GE	GARAGE FLOOR ELEVATION	IP	IRON PIPE	NTS	NOT TO SCALE	RCP	REINFORCED CONCRETE PIPE				
		ELEV	ELEVATION	GL	GUTTER LINE	IPS	IRON PIPE SIZE	NWL	NORMAL WATER LEVEL	RD	ROOF DRAIN				



**ALDI MAILBOX W/POST**  
NTS



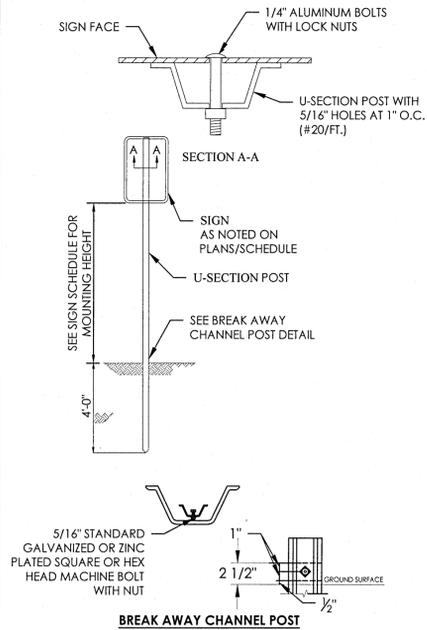
**SIDEWALK DETAILS**  
N.T.S.



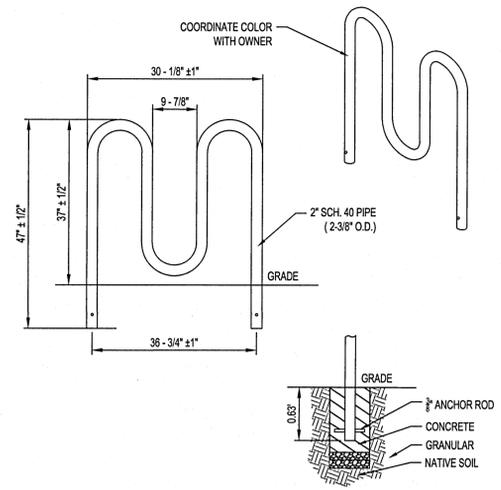
**ALDI BLUE CUSTOM COLOR:**  
 CCE COLORANT OZ 32 64 128  
 L1-BLUE - 63 1 1  
 R3-MAGENTA - 5 - 1  
 Y3-DEEP GOLD - 1 1 -

-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 CM. 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

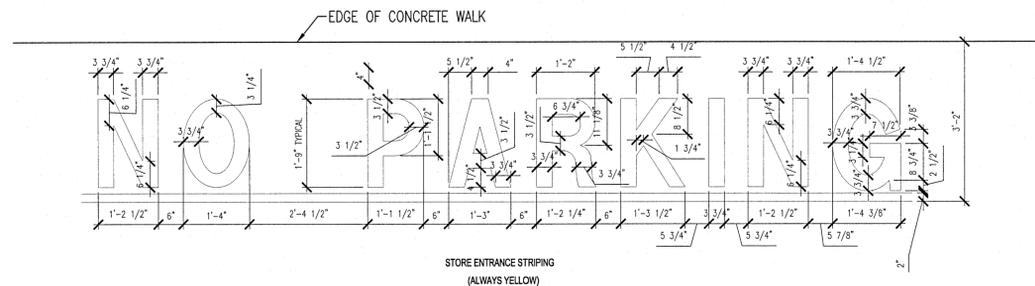
**CURBSIDE PARKING DETAIL**  
N.T.S.



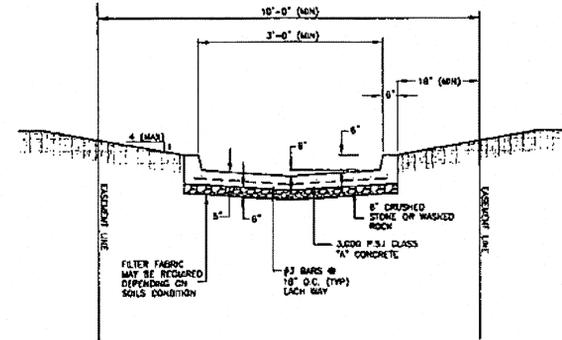
**POST MOUNTED SIGN  
IN GRASS AREA**  
N.T.S.



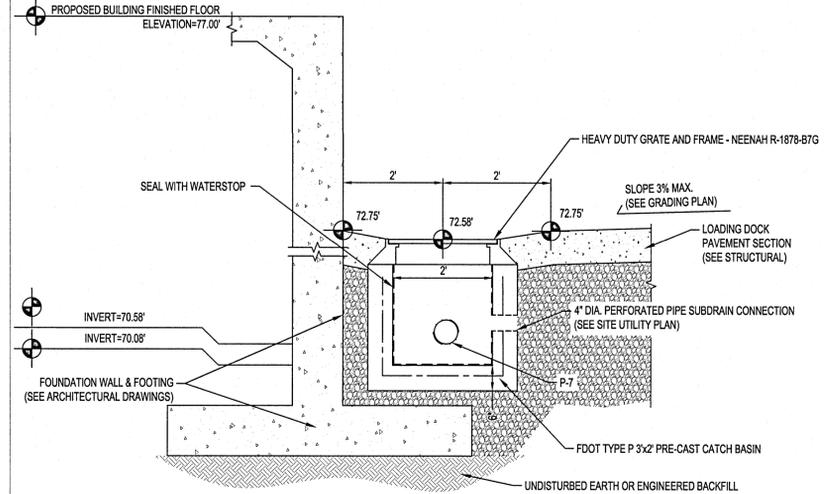
**BIKE RACK  
(3 LOOPS, 5 BIKES)**  
NTS



**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
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Revisions:	Date:
1	
2	
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Digitally signed by Andrew Brandel  
 Date: 2021.09.03 09:28:28 -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.

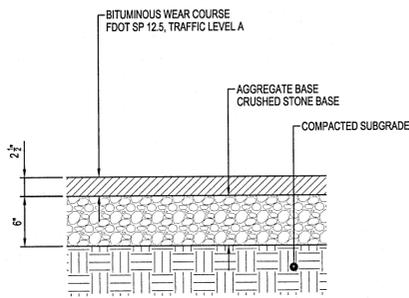


**MANAGING LOCATION:  
MINNEAPOLIS / ST. PAUL OFFICE**  
 7900 INTERNATIONAL DRIVE  
 INTERNATIONAL PLAZA, SUITE 550  
 MINNEAPOLIS, MN 55425  
 PHONE: 952.426.0699

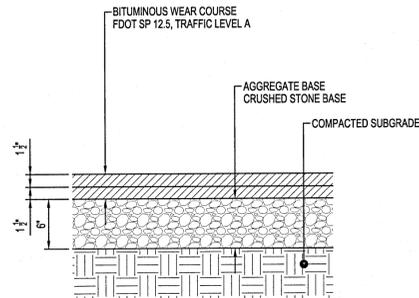


**ALDI Inc. Store #: 156**  
**PENSACOLA, FLORIDA**  
 4830 MOBILE HIGHWAY  
 PENSACOLA, FLORIDA 32506  
 ESCAMBIA COUNTY  
 Project Name & Location:

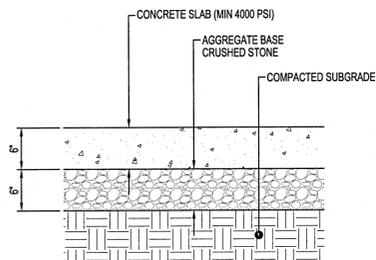
<b>SITE DETAILS</b>	
Drawing Name:	ISG Project No.
Type: V7.0 ER	21-25050
Drawn By: JMF	
Designed By: JMF	C-020
Reviewed By: RJA	Drawing No.



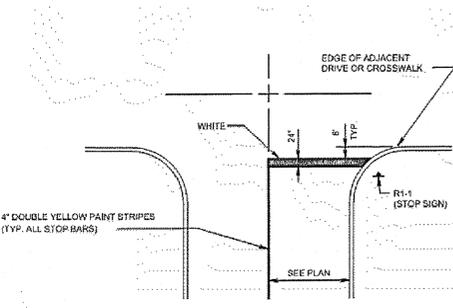
**STANDARD BITUMINOUS PAVEMENT**  
NTS ST110



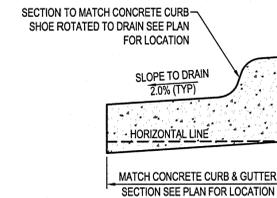
**HEAVY DUTY BITUMINOUS PAVEMENT**  
NTS ST115



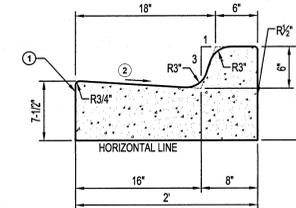
**CONCRETE PAVEMENT**  
NTS



**STOP BAR LAYOUT DETAIL**  
N.T.S.



**REVERSE PITCH CONCRETE CURB & GUTTER**  
NTS ST250

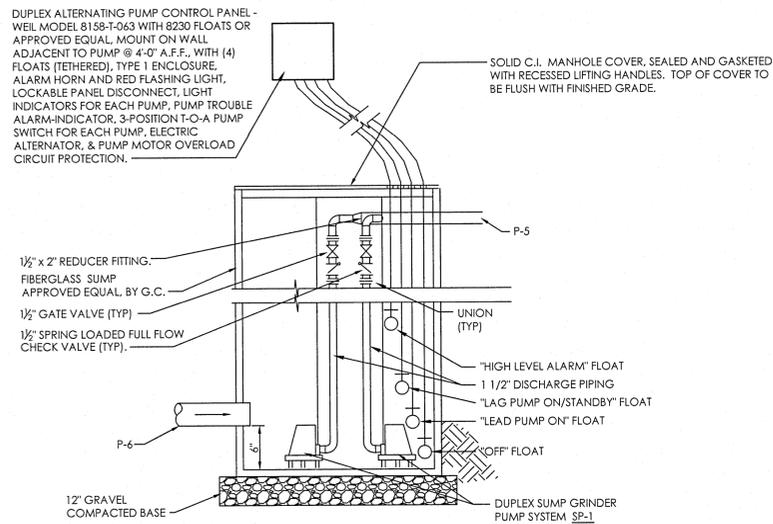


**NOTES:**

- ① LONGITUDINAL JOINT WHEN ADJACENT TO RIGID PAVEMENT OR BASE.
- ② SLOPE 0.067/FT NORMAL, UNLESS OTHERWISE SPECIFIED. IF A DIFFERENT GUTTER SLOPE IS PERMITTED, THE FORM MAY BE TILTED.

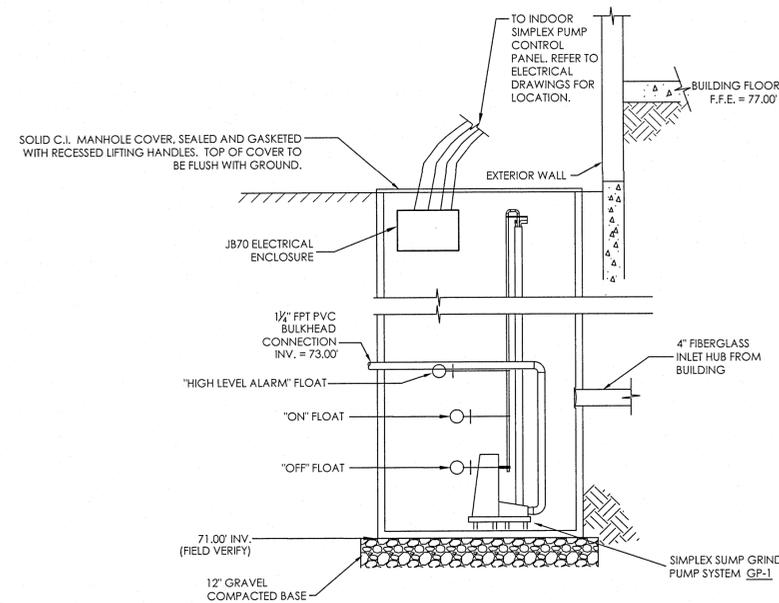
**TYPE F CONCRETE CURB & GUTTER**  
NTS

SP-1: DUPLEX GRINDER SUMP PUMP SYSTEM - (2) LIBERTY SUBMERSIBLE SINGLE STAGE GRINDER PUMPS MODEL LSG203M, EACH RATED AT 2 HP, 208/230V, 60 HZ., 3 PHASE, 10.6 FLA. AT 3450 RPM, EACH UNIT SHALL PRODUCE 40 GPM AT 64 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 WITH QUICK DISCONNECTS AND PIPING TO INCLUDE AN INTERNAL BALL CHECK VALVE, DISCHARGE PIPING TO BE SCHEDULE 80 PVC AND FURNISHED 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 LIP SEALS AND O-RINGS, CAST STAINLESS STEEL IMPELLER AND 440 STAINLESS STEEL ROTARY CUTTER AND PLATE WITH (4) BLADES, 25 FT. 3-PHASE SEOWW MULTICONDUCTOR CORD. PUMPS EXTERIOR CASTING SHALL BE PAINTED AND PROTECTED WITH POWDER COAT PAINT. SUMP 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.

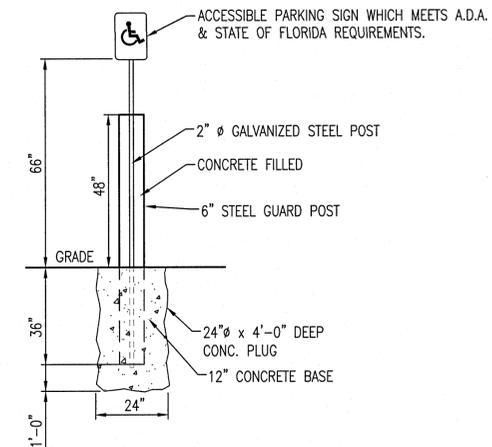


**SUMP PIT & PUMP A-5 DETAIL**  
N.T.S.

GP-1: SIMPLEX GRINDER PUMP SYSTEM GP-1 SIMPLEX GRINDER SUMP PUMP SYSTEM - (1) LIBERTY SUBMERSIBLE SINGLE STAGE GRINDER PUMP MODEL 2460LSG202, RATED AT 2 HP, 208/230V, 60 HZ., 1 PHASE, 15 FLA. AT 3450 RPM, EACH UNIT SHALL PRODUCE 40 GPM AT 64 FEET OF DYNAMIC HEAD. PUMPS SHALL INCLUDE 1 1/2" DISCHARGE CONNECTION, NEMA-4X INDOOR SIMPLEX CONTROL PANEL WITH THREE FLOAT SWITCHES AND HIGH WATER ALARM AND WITH INTEGRAL OVERLOAD PROTECTION, STAINLESS STEEL GUIDE RAIL SYSTEM WITH QUICK DISCONNECTS AND PIPING TO INCLUDE AN INTERNAL BALL CHECK VALVE, DISCHARGE PIPING TO BE SCHEDULE 80 PVC AND FURNISHED WITH A PVC SHUT-OFF BALL VALVE. PUMP SHALL BE OF CLASS 25 CAST IRON CONSTRUCTION WITH OIL FILLED MOTOR HOUSING, BUNA-N MOLDED DOUBLE LIP SEALS AND O-RINGS, CAST STAINLESS STEEL IMPELLER AND 440 STAINLESS STEEL ROTARY CUTTER AND PLATE WITH (4) BLADES, 25 FT. 1-PHASE SEOWW MULTICONDUCTOR CORD. PUMP EXTERIOR CASTING SHALL BE PAINTED AND PROTECTED WITH POWDER COAT PAINT. SUMP 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.

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 09:28:49 -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.

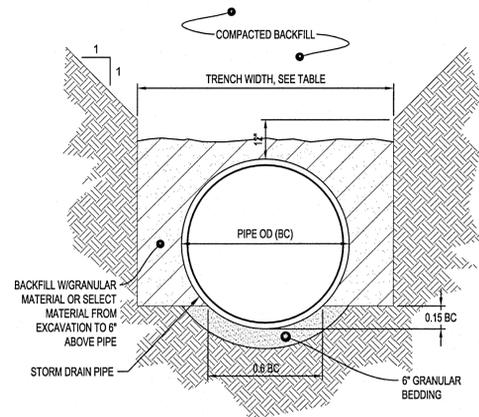


**MANAGING LOCATION:**  
MINNEAPOLIS / ST. PAUL OFFICE  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



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

SITE DETAILS	
Drawing Name:	ISG Project No.
Type: V7.0 ER	21-25050
Drawn By: JMF	
Designed By: JMF	C-021
Reviewed By: RJA	Drawing No.

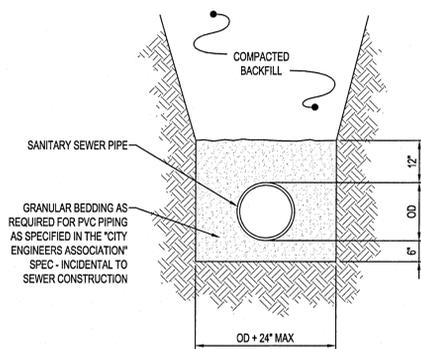


TRENCH WIDTH	
PIPE Ø	TRENCH WIDTH
36" OR LESS	BC + 24"
42" TO 54"	1.5 x BC
60" OR OVER	BC + 36"

**NOTES:**

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

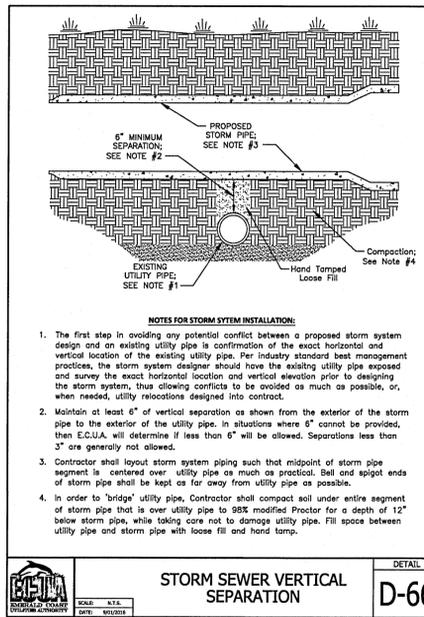
**NON-CONCRETE STORM DRAIN PIPE BEDDING**  
NTS SD600



**NOTES:**

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

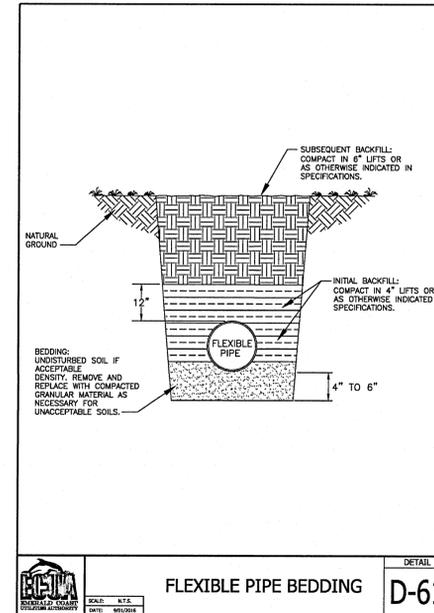
**PIPE BEDDING SANITARY SEWER**  
NTS SA400



- 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 8" 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. Bell 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.

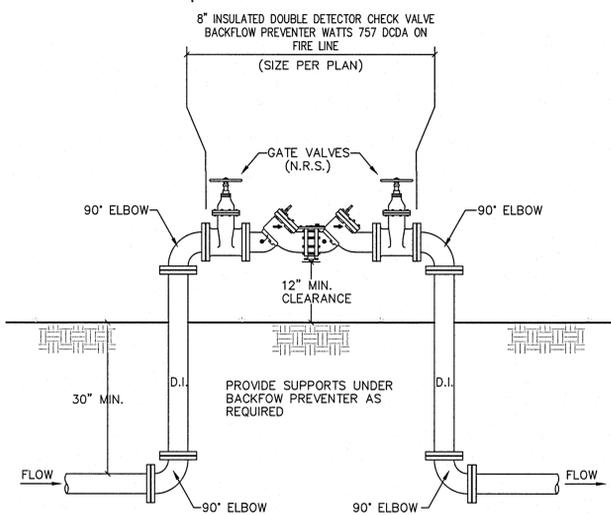
**STORM SEWER VERTICAL SEPARATION**

DETAIL  
D-66



**FLEXIBLE PIPE BEDDING**

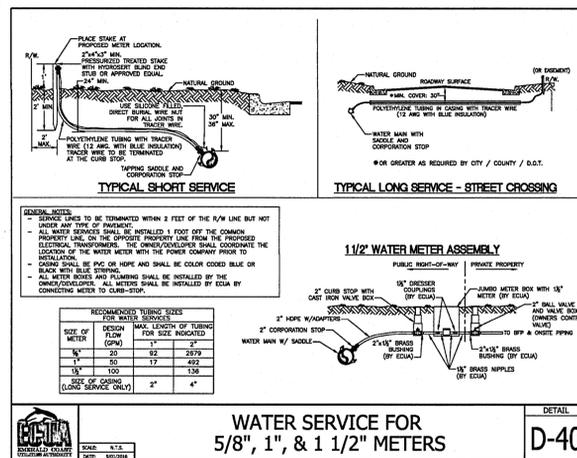
DETAIL  
D-61



**BACKFLOW PREVENTER DOUBLE CHECK DETECTOR DETAIL**

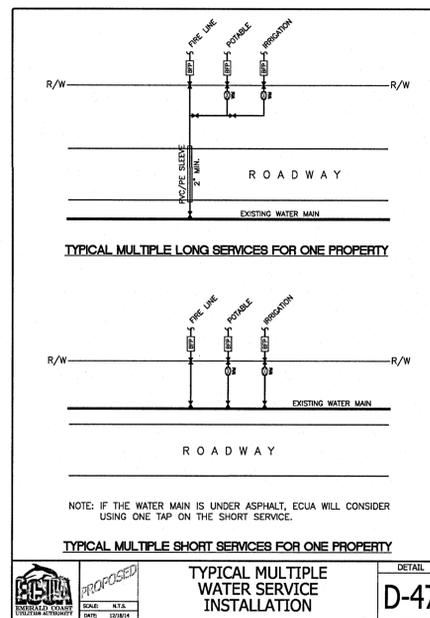
N.T.S.

- 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



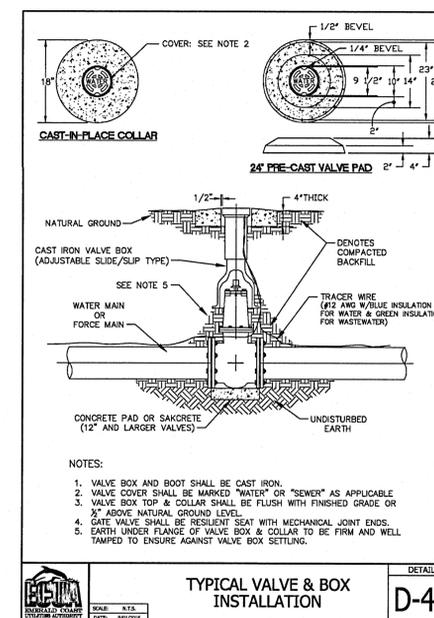
**TYPICAL MULTIPLE LONG SERVICES FOR ONE PROPERTY**

**TYPICAL MULTIPLE SHORT SERVICES FOR ONE PROPERTY**

NOTE: IF THE WATER MAIN IS UNDER ASPHALT, ECUA WILL CONSIDER USING ONE TAP ON THE SHORT SERVICE.

**TYPICAL MULTIPLE WATER SERVICE INSTALLATION**

DETAIL  
D-47



**TYPICAL VALVE & BOX INSTALLATION**

DETAIL  
D-43

Issued:	Date:
A SITE PLAN REVIEW #1	05/18/21
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C PERMIT/BID SET	07/28/21
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E	

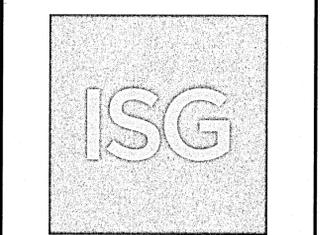
  

Revisions:	Date:
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Digitally signed by Andrew Brandel  
Date: 2021.09.03 09:29:10 -05'00'



**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:	ISG Project No.
Type: V7.0 ER	21-25050
Drawn By: JMF	
Designed By: JMF	C-022
Reviewed By: RJA	Drawing No.

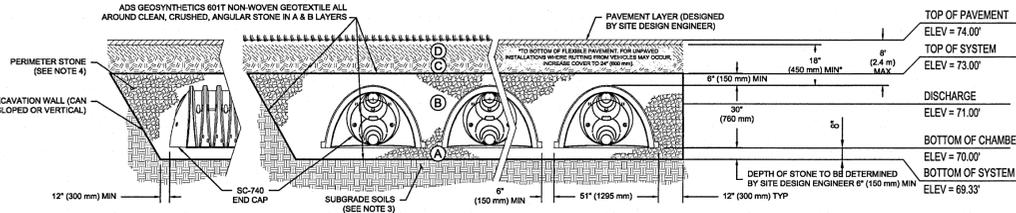




**ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 CHAMBER SYSTEMS**

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 'C' LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEERS PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	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 EMBEDEDMENT STONE (F LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	AASHTO M145 <sup>1</sup> A-1, A-2.4, A-3 OR AASHTO M43 <sup>1</sup> 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL, AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS <sup>2</sup> FOR VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE (A LAYER) TO THE 'C' LAYER ABOVE.	AASHTO M43 <sup>1</sup> 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	AASHTO M43 <sup>1</sup> 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 'A' 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 RAVING OR PACKING 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:**

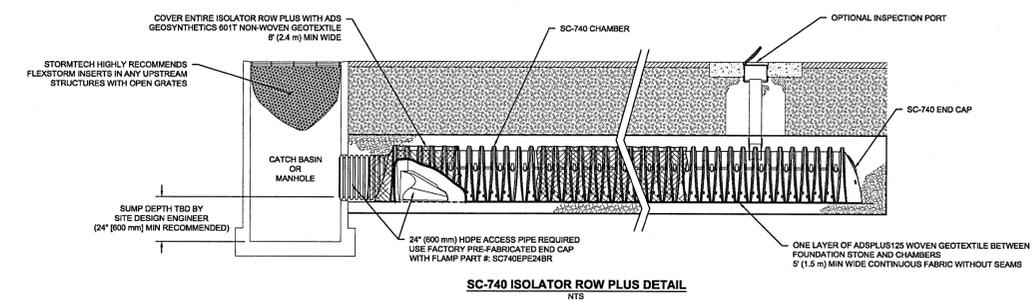
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- SC-740 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER 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, 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 1) 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  
DRAWN: ES  
CHECKED: NA  
DATE:  
PROJECT #:  
DESCRIPTION:  
REV: DRW: CHK: DATE: PROJECT #:

StormTech Chamber System  
488-892-2994 | WWW.STORMTECH.COM

4640 TRUBMAN BLVD  
MILLAPOLE, OH 43040  
1-800-752-7473

SHEET 3 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 FLEXFORM FILTER IF INSTALLED
  - USING A FLASHLIGHT AND STRAIN 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 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 BACKLASH 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.

ALDI #156-V-3  
PENSACOLA, FL  
DRAWN: ES  
CHECKED: NA  
DATE:  
PROJECT #:  
DESCRIPTION:  
REV: DRW: CHK: DATE: PROJECT #:

StormTech Chamber System  
488-892-2994 | WWW.STORMTECH.COM

4640 TRUBMAN BLVD  
MILLAPOLE, OH 43040  
1-800-752-7473

SHEET 4 OF 6

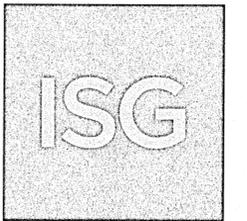
Issued:	Date:
A SITE PLAN REVIEW #1	05/18/21
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Revisions:	Date:
1 CCD #01	09/10/21
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Digitally signed by Andrew Brandel  
Date: 2021.09.03 09:30:21 -05'00'

**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



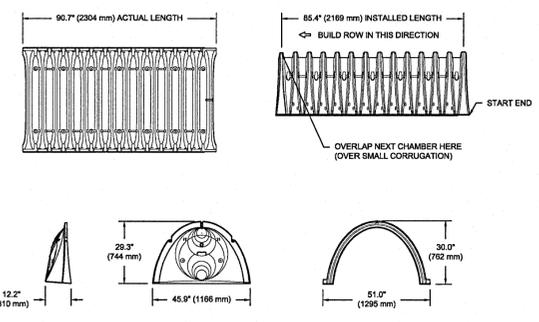
ALDI Inc. Store #: 156  
PENSACOLA, FLORIDA  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name & Location:

**SITE DETAILS**

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

**SC-740 TECHNICAL SPECIFICATION**



**NOMINAL CHAMBER SPECIFICATIONS**

SIZE (W X H X INSTALLED LENGTH)	CHAMBER STORAGE	MINIMUM INSTALLED STORAGE <sup>1</sup>	WEIGHT
51.0" X 30.0" X 85.4" (1295 mm X 762 mm X 2169 mm)	46.9 CUBIC FEET (1.30 m <sup>3</sup> )	74.5 CUBIC FEET (33.8 m <sup>3</sup> )	75.0 lbs. (33.8 kg)

<sup>1</sup>ASSUMES 6" (152 mm) STONE ABOVE, BELOW, AND BETWEEN CHAMBERS

PRE-FAB STUB AT BOTTOM OF END CAP WITH FLANGE 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 "CC"

PART #	STUB	A	B	C
SCT40EP001 / SCT40EP08TPC	6" (150 mm)	10.9" (277 mm)	18.5" (470 mm)	0.5" (13 mm)
SCT40EP08B / SCT40EP08BPC	8" (200 mm)	12.2" (310 mm)	16.5" (419 mm)	0.6" (15 mm)
SCT40EP08T / SCT40EP08TPC	10" (250 mm)	13.4" (340 mm)	14.5" (368 mm)	0.7" (18 mm)
SCT40EP10B / SCT40EP10BPC	12" (300 mm)	14.7" (373 mm)	12.5" (318 mm)	1.2" (30 mm)
SCT40EP10T / SCT40EP10TPC	15" (375 mm)	18.4" (467 mm)	9.0" (229 mm)	1.3" (33 mm)
SCT40EP12B / SCT40EP12BPC	18" (450 mm)	19.7" (500 mm)	5.0" (127 mm)	1.8" (41 mm)
SCT40EP12T / SCT40EP12TPC	24" (600 mm)	18.5" (470 mm)	1.8" (41 mm)	0.1" (3 mm)
SCT40EP15B / SCT40EP15BPC	24" (600 mm)	18.5" (470 mm)	1.8" (41 mm)	0.1" (3 mm)
SCT40EP15T / SCT40EP15TPC	24" (600 mm)	18.5" (470 mm)	1.8" (41 mm)	0.1" (3 mm)

ALL STUBS, EXCEPT FOR THE SCT40EP24B/SCT40EP24BR 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 1-888-892-2994.

\* FOR THE SCT40EP24B/SCT40EP24BR THE 24" (600 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 1.78" (44 mm). BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.

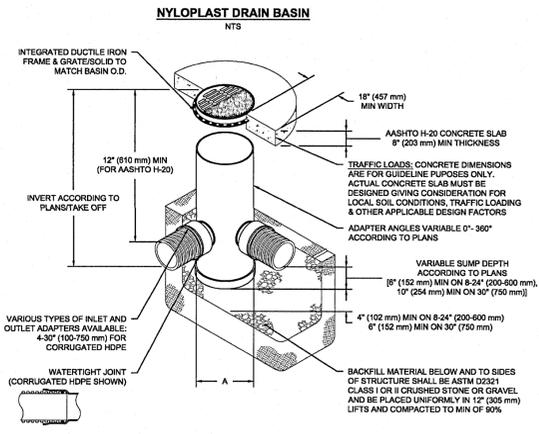
NOTE: ALL DIMENSIONS ARE NOMINAL.

ALDI #156-V-3  
PENSACOLA, FL  
DRAWN: ES  
CHECKED: NA  
DATE:  
PROJECT #:  
DESCRIPTION:  
REV: DRW: CHK: DATE: PROJECT #:

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4640 TRUBMAN BLVD  
MILLAPOLE, OH 43040  
1-800-752-7473

SHEET 5 OF 6



**NOTES**

- 8-30" (203-760 mm) GRATES/SOLID COVERS SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
- 15-30" (380-760 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 (ADS & HANCOR DUAL WALL) & SDR 35 PVC
- FOR COMPLETE DESIGN AND PRODUCT INFORMATION: WWW.NYLOPLAST-US.COM
- TO ORDER CALL: 800-851-8178

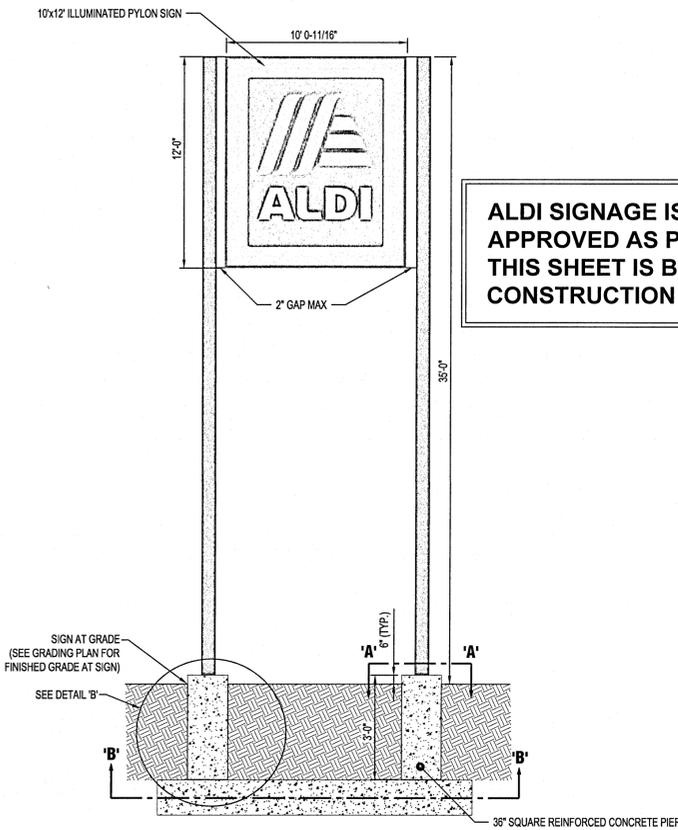
A	PART #	GRATE/SOLID COVER OPTIONS
6"	2608AG	PEDESTRIAN LIGHT DUTY STANDARD LIGHT DUTY SOLID LIGHT DUTY
10"	2610AG	PEDESTRIAN LIGHT DUTY STANDARD LIGHT DUTY SOLID LIGHT DUTY
12"	2612AG	PEDESTRIAN AASHTO H-10 STANDARD AASHTO H-20 SOLID AASHTO H-20
15"	2615AG	PEDESTRIAN AASHTO H-10 STANDARD AASHTO H-20 SOLID AASHTO H-20
18"	2618AG	PEDESTRIAN AASHTO H-10 STANDARD AASHTO H-20 SOLID AASHTO H-20
24"	2624AG	PEDESTRIAN AASHTO H-20 STANDARD AASHTO H-20 SOLID AASHTO H-20
30"	2630AG	PEDESTRIAN AASHTO H-20 STANDARD AASHTO H-20 SOLID AASHTO H-20

ALDI #156-V-3  
PENSACOLA, FL  
DRAWN: ES  
CHECKED: NA  
DATE:  
PROJECT #:  
DESCRIPTION:  
REV: DRW: CHK: DATE: PROJECT #:

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4640 TRUBMAN BLVD  
MILLAPOLE, OH 43040  
1-800-752-7473

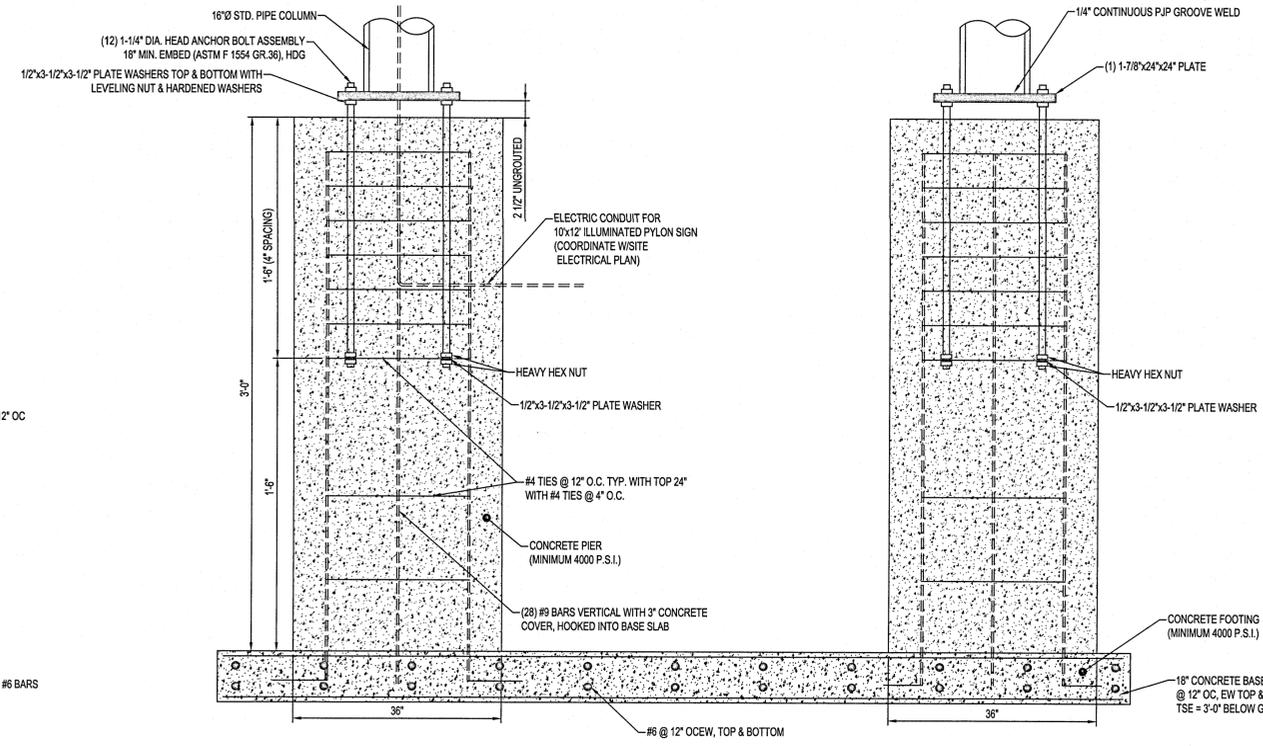
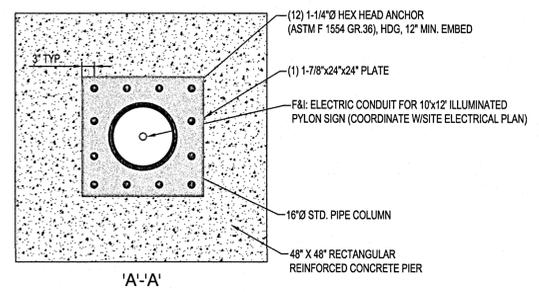
SHEET 6 OF 6



**ALDI SIGNAGE IS NOT BEING REVIEWED OR APPROVED AS PART OF THE SITE PLAN REVIEW. THIS SHEET IS BEING PROVIDED FOR BIDDING AND CONSTRUCTION REQUIREMENTS.**

**PYLON SIGN DETAIL 'B'**

N.T.S.

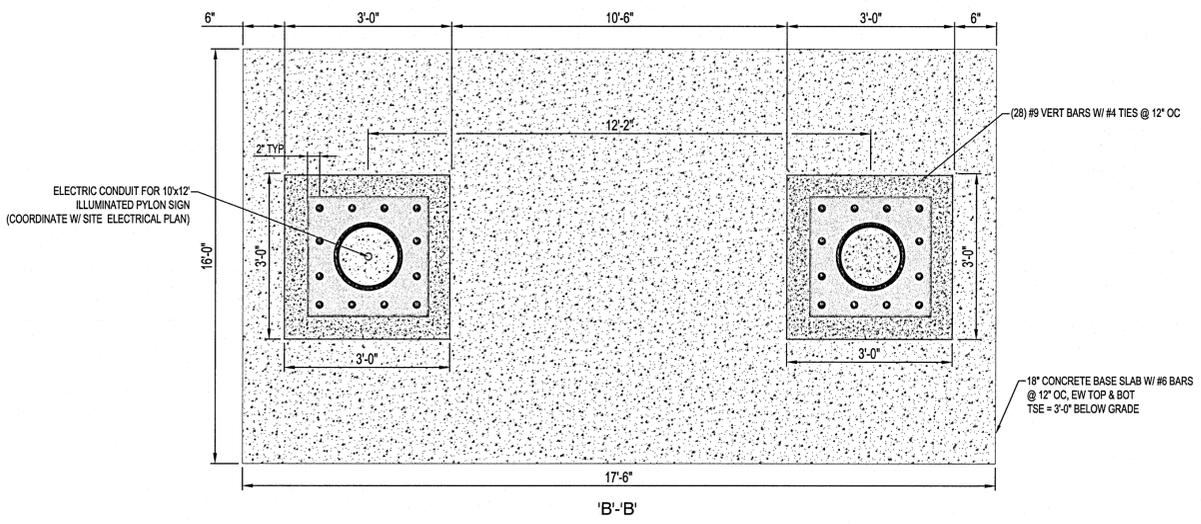


**DETAIL 'B'**

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, Fy = 50 ksi
    - HSS ROUND, ASTM A500 GRADE C, Fy = 46 ksi
    - PIPE, ASTM A53 GRADE B, Fy = 35 ksi
    - PLATES AND BARS, ASTM A36, Fy = 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.
    - fc = 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 IN PLACE 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 436, 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.



**'B'-'B'**

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	

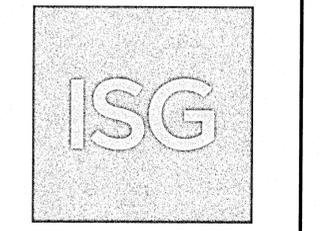
  

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Date: 2021.09.03 09:30:45 -05'00'



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



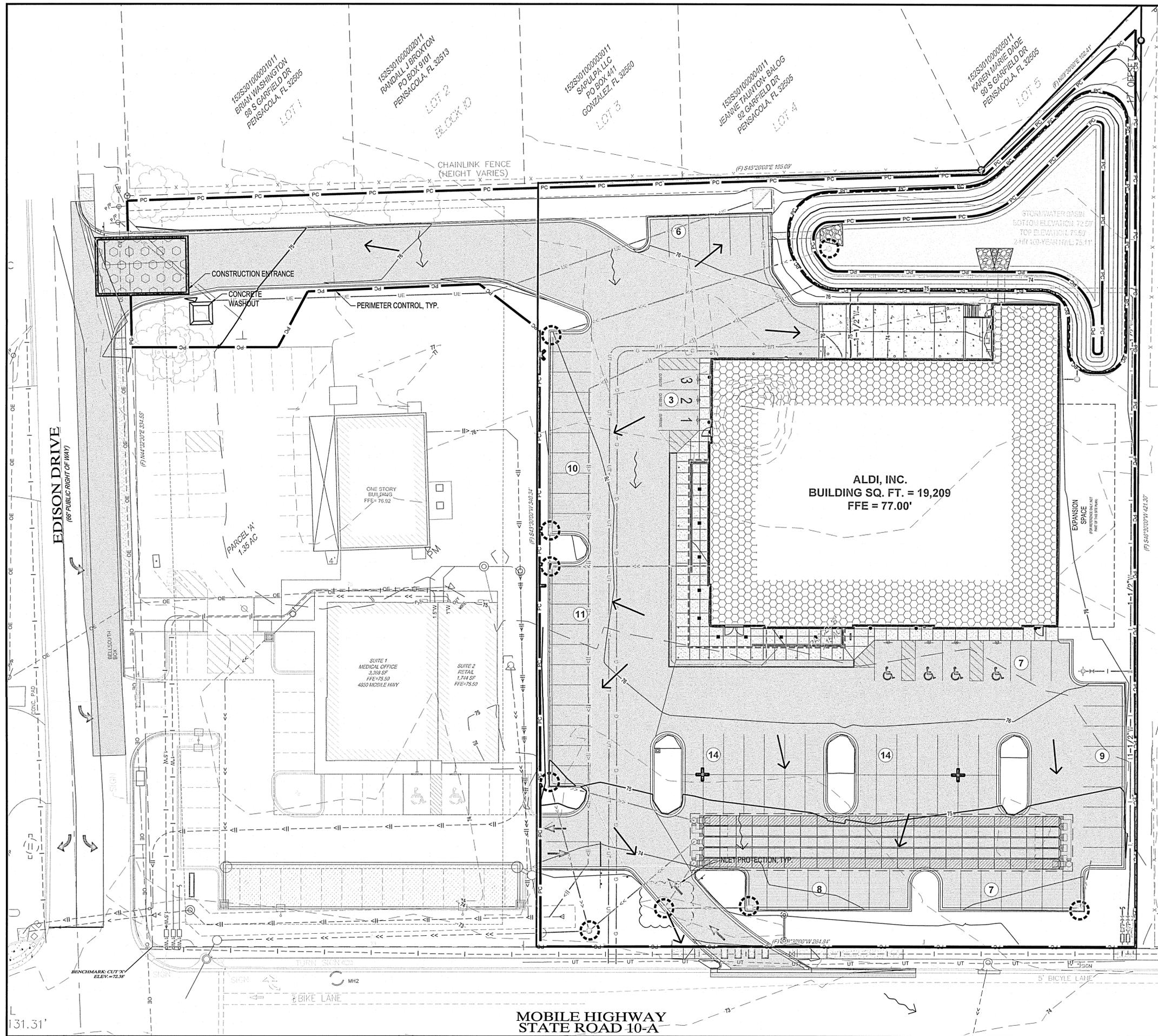
**MANAGING LOCATION:**  
MINNEAPOLIS / ST. PAUL OFFICE  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



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

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

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Revisions:	Date:
1 CCD #01	09/10/21
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Digitally signed by Andrew Brandel  
 Date: 2021.09.03 09:31:07 -05'00'

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

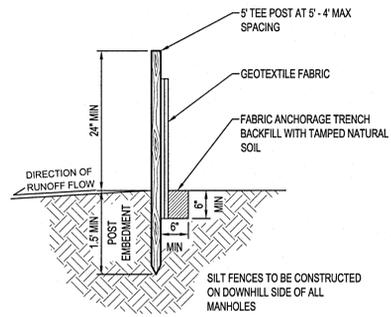


ALDI Inc. Store #: 156  
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 4830 MOBILE HIGHWAY  
 PENSACOLA, FLORIDA 32506  
 ESCAMBIA COUNTY

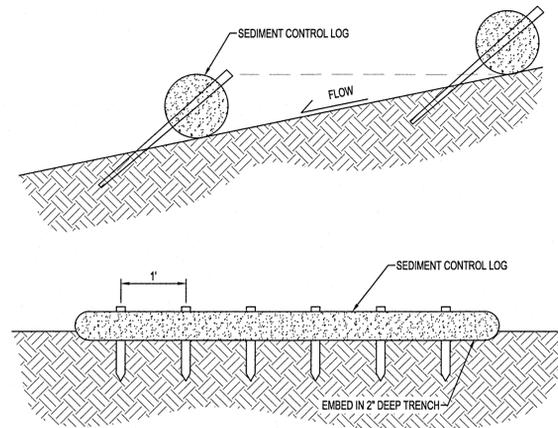
Project Name & Location:

### 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.

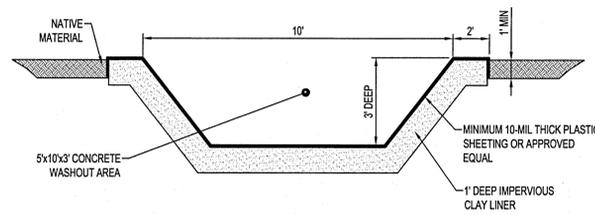


**SILT FENCE**  
NTS EC100



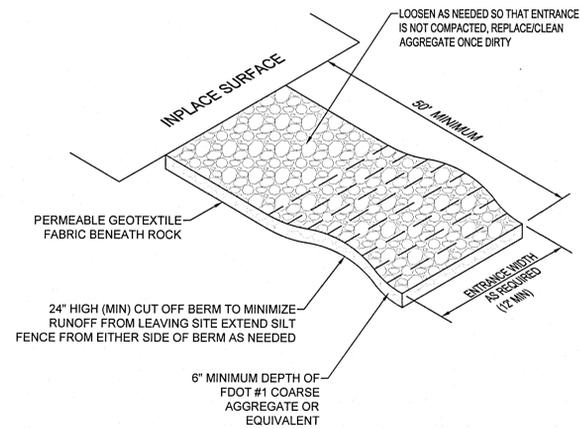
**NOTES:**  
 SEDIMENT CONTROL LOGS TO BE 6" DIAMETER UNLESS OTHERWISE NOTED.  
 STAKED INTO THE GROUND WITH WOOD STAKES.  
 WOOD STAKES ARE A MINIMUM OF 2"x16"x2" UNLESS PRECLUDED BY PAVED SURFACE OR ROCK.  
 WOOD STAKES DRIVEN THROUGH BACK HALF OF SEDIMENT CONTROL LOG AT AN APPROXIMATE ANGLE OF 45° 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



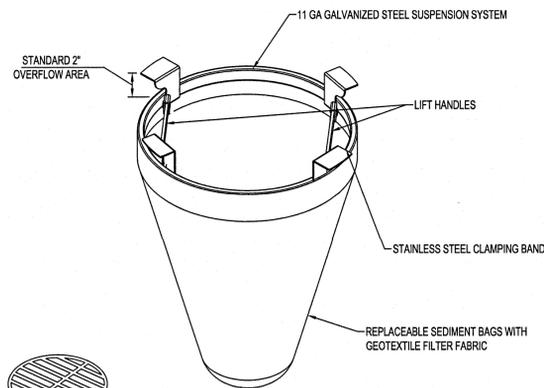
**NOTES:**  
 CONTRACTOR SHALL INSTALL A SIGN INDICATING THE CONCRETE WASHOUT AREA.  
 CONTRACTOR SHALL MAINTAIN WASHOUT AREA TO REMOVE MATERIALS BEYOND 75% CAPACITY.  
 WASHOUT AREA SHALL NOT BE PLACED WITHIN 50' OF STORM DRAINS, OPEN DITCHES OR BODIES OF WATER.  
 CONTRACTOR SHALL INSPECT WASHOUT AREA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

**CONCRETE WASHOUT**  
NTS EC500



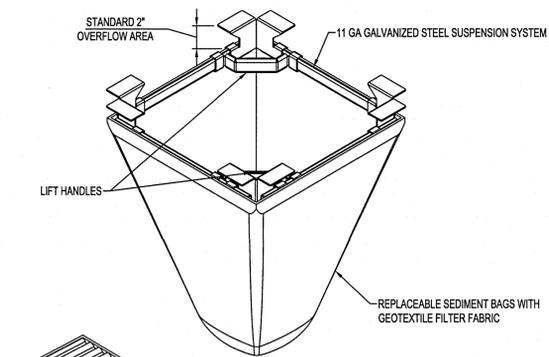
24" HIGH (MIN) CUT OFF BERM TO MINIMIZE RUNOFF FROM LEAVING SITE. EXTEND SILT FENCE FROM EITHER SIDE OF BERM AS NEEDED.  
 6" MINIMUM DEPTH OF FDOT #1 COARSE AGGREGATE OR EQUIVALENT.  
 PERMEABLE GEOTEXTILE FABRIC BENEATH ROCK.  
 50' MINIMUM.  
 LOOSEN AS NEEDED SO THAT ENTRANCE IS NOT COMPACTED, REPLACE/CLEAN AGGREGATE ONCE DIRTY.  
 ENTRANCE WIDTH AS REQUIRED (12\"/>

**STABILIZED CONSTRUCTION EXIT**  
NTS EC600



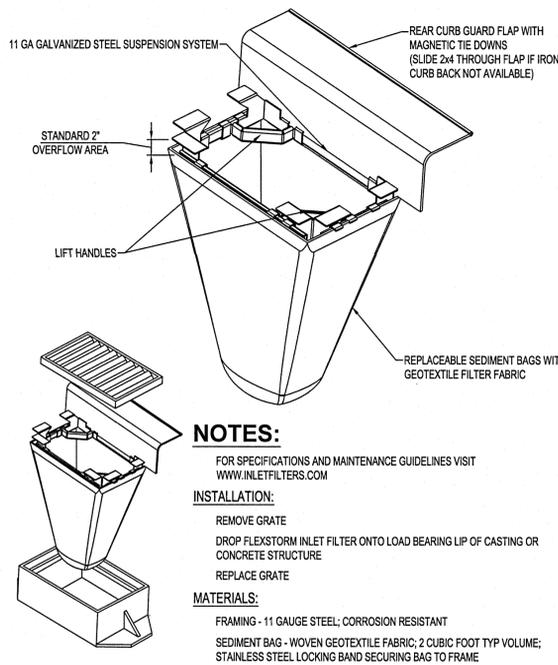
**NOTES:**  
 FOR SPECIFICATIONS AND MAINTENANCE GUIDELINES VISIT [WWW.INLETFILTERS.COM](http://WWW.INLETFILTERS.COM)  
**INSTALLATION:**  
 REMOVE GRATE  
 DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE  
 REPLACE GRATE  
**MATERIALS:**  
 FRAMING - 11 GAUGE STEEL; 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](http://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](http://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

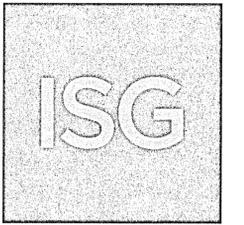
**CURB BOX FILTER INLET PROTECTION**  
NTS EC212

Issued:	Date:
A SITE PLAN REVIEW #1	05/18/21
B SITE PLAN REVIEW #2	06/24/21
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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 EDISON DRIVE.

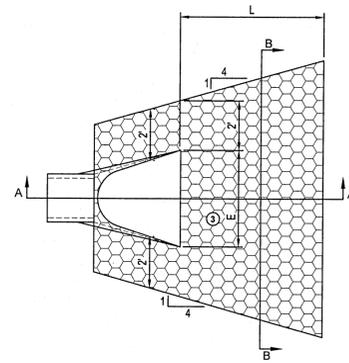


**MANAGING LOCATION:**  
 MINNEAPOLIS / ST. PAUL OFFICE  
 7900 INTERNATIONAL DRIVE  
 INTERNATIONAL PLAZA, SUITE 550  
 MINNEAPOLIS, MN 55425  
 PHONE: 952.426.0699

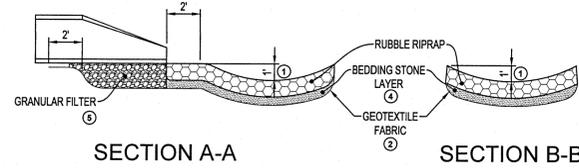


ALDI Inc. Store #: 156  
 PENSACOLA, FLORIDA  
 4830 MOBILE HIGHWAY  
 PENSACOLA, FLORIDA 32506  
 ESCAMBIA COUNTY  
 Project Name & Location:

SITE EROSION CONTROL 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.



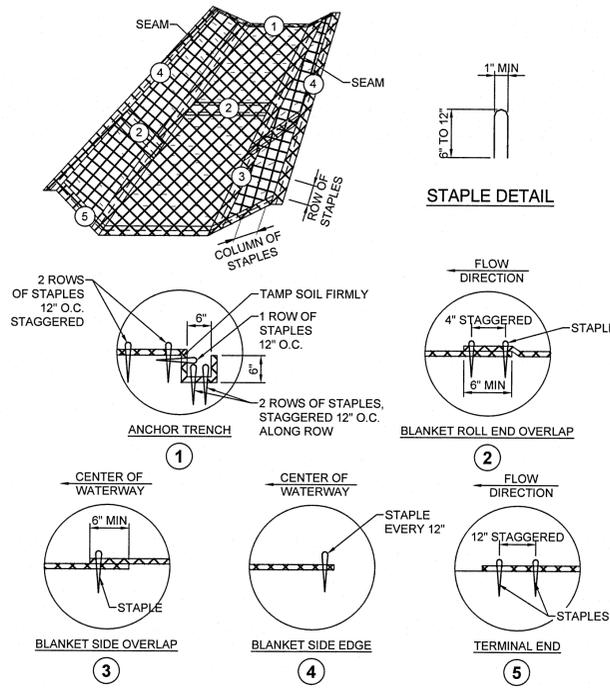
DIMENSIONS			
PIPE Ø (INCHES)	L (FEET)	PIPE Ø (INCHES)	L (FEET)
12	8	27	12
15	8	30	14
18	10	36	16
21	10	42	18
24	12	48	20



**RIPRAP AT RCP OUTLET**  
NTS EC400

**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.



**EROSION CONTROL BLANKET INSTALLATION**  
NTS EC700

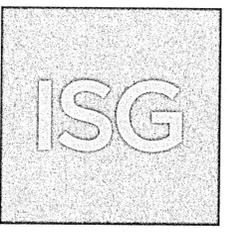
**NOTES:**

- INSTALL EROSION CONTROL BLANKET (ECB) OVER WATERWAYS AS SHOWN IN THE STORM WATER POLLUTION PREVENTION PLAN.
- THE ECB SHALL CONFORM TO MHDOT 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.
- ② 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.
- ⑤ G. DOWNSTREAM (TERMINAL) END OF BLANKET SHALL BE STAPLED WITH A DOUBLE ROW OF STAGGERED STAPLES 12" APART. (SEE DETAIL 5)

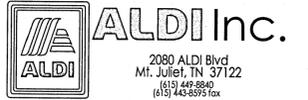
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Digitally signed by Andrew Brandel  
Date: 2021.09.03 09:31:51 -05'00'

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**MANAGING LOCATION:**  
**MINNEAPOLIS / ST. PAUL OFFICE**  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
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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: MOBILE HIGHWAY  
 CITY/TOWNSHIP: PENSACOLA  
 COUNTY/STATE: FLORIDA  
 ZIP CODE: 32508  
 LATITUDE/LONGITUDE: 30.440372, -87.51494

**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 OWNER'S REPRESENTATIVE)	
<b>CONSTRUCTION ACTIVITIES:</b>	<b>ESTIMATED DATES OF SOIL DISTURBANCE ACTIVITIES:</b>
CLEARING AND GRUBBING OPERATIONS, GRADING	SEPTEMBER 2021 - NOVEMBER 2021
CURB & GUTTERS/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 = 0.18 ACRES  
 POST-CONSTRUCTION = 1.74 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 PERMITEE.

**OWNER/PERMITEE:** ALDI, INC. (SPENCER SCHIMMEL, DIRECTOR OF REAL ESTATE)  
 2080 ALDI Blvd  
 Mt. Juliet, TN 37122  
 615.448.8840 / 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 SITE SUPERVISOR, FOREMAN, 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 ACTIVITIES WHICH 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/PERMITEE:** (TO BE DETERMINED AND IDENTIFIED THROUGH TRANSFER OF NPDES-CSW PERMIT)

<b>SWPPP DESIGNER:</b> ISG INC. (ANDY BRANDEL) 7900 INTERNATIONAL DR., SUITE 550 MINNEAPOLIS, MN 55425 952-426-0699/ANDY.BRANDEL@ISGINC.COM	<b>PERMANENT STORMWATER MANAGEMENT SYSTEM:</b> ISG INC. (ANDY BRANDEL) 7900 INTERNATIONAL DR., SUITE 550 MINNEAPOLIS, MN 55418 952-426-0699/ANDY.BRANDEL@ISGINC.COM
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**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 REFERRED AND WHEELED VEHICLES ARE DISCOURAGED IN THESE 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 (0.002-0.03)	CLAY (<0.002)
3B - 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 POINT 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, -87.282121 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 2018 - 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 PERVIOUS 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 PERMITEE 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.

3. 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.

4. 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.

5. 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 FOR DESIGN OF THE TEMPORARY AND PERMANENT STORMWATER MANAGEMENT SYSTEMS AND OTHER INFORMATION REQUIRED BY THE GENERAL PERMIT FOR THREE YEARS FOLLOWING THE NOTICE OF TERMINATION.

6. 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 STRIPPING STOCKPILING, WET/DRY PAVEMENT CUTTING, STREET CONSTRUCTION.  
 • BASIC/ACIDIC PH LEVELS FROM CURB AND GUTTER, MANHOLE 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. PERMITEES 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**  
**HYDRO-MULCH:** HYDRAULIC SOIL STABILIZER IN COMBINATION WITH A TACKIFIER WILL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS TO EXPOSED SOILS AREAS TO PROVIDE TEMPORARY LONG-TERM OR PERMANENT COVER FOR VEGETATION ESTABLISHMENT.

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	
2	
3	
4	
5	
6	
7	
8	
9	

Digitally signed by Andrew Brandel  
 Date: 2021.09.03 09:32:17 -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

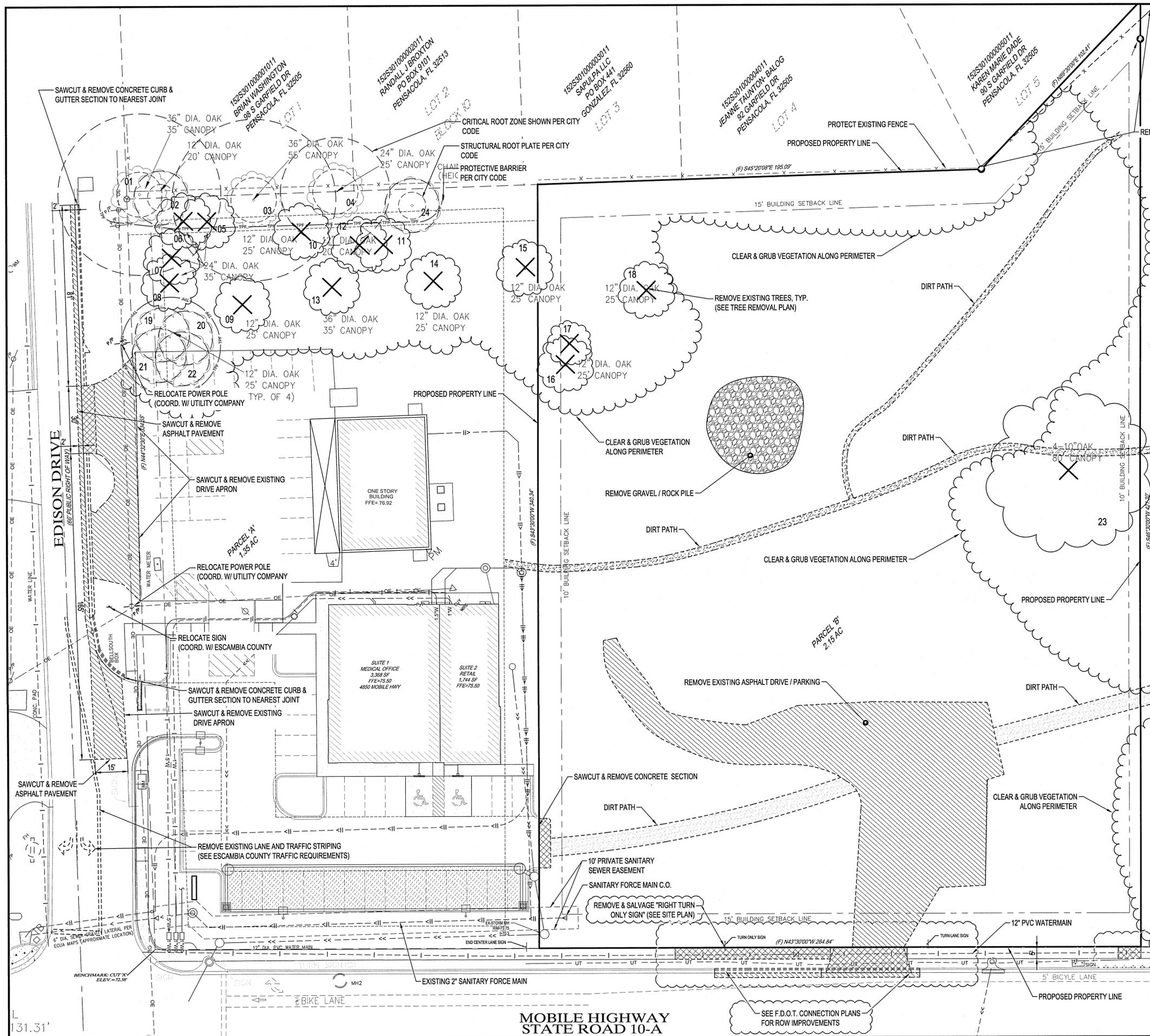


ALDI Inc. Store #: 156  
 PENSACOLA, FLORIDA  
 4830 MOBILE HIGHWAY  
 PENSACOLA, FLORIDA 32506  
 ESCAMBIA COUNTY

Project Name & Location:

## SITE EROSION CONTROL NOTES

Drawing Name:		ISG Project No.
Type:	v7.0 ER	21-25050
Drawn By:	JMF	
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'

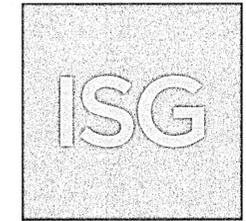
Issued:	Date:	
A	SITE PLAN REVIEW #1	05/18/21
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C	PERMIT/BID SET	07/28/21
D	FOR CONSTRUCTION	09/10/21
E		

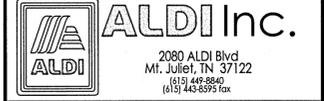
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Date: 2021.09.03 09:32:37 -05'00'

**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:

**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	

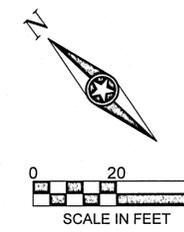
**ORD. NO. 2.3.2 TREE PRESERVATION & PROTECTION**

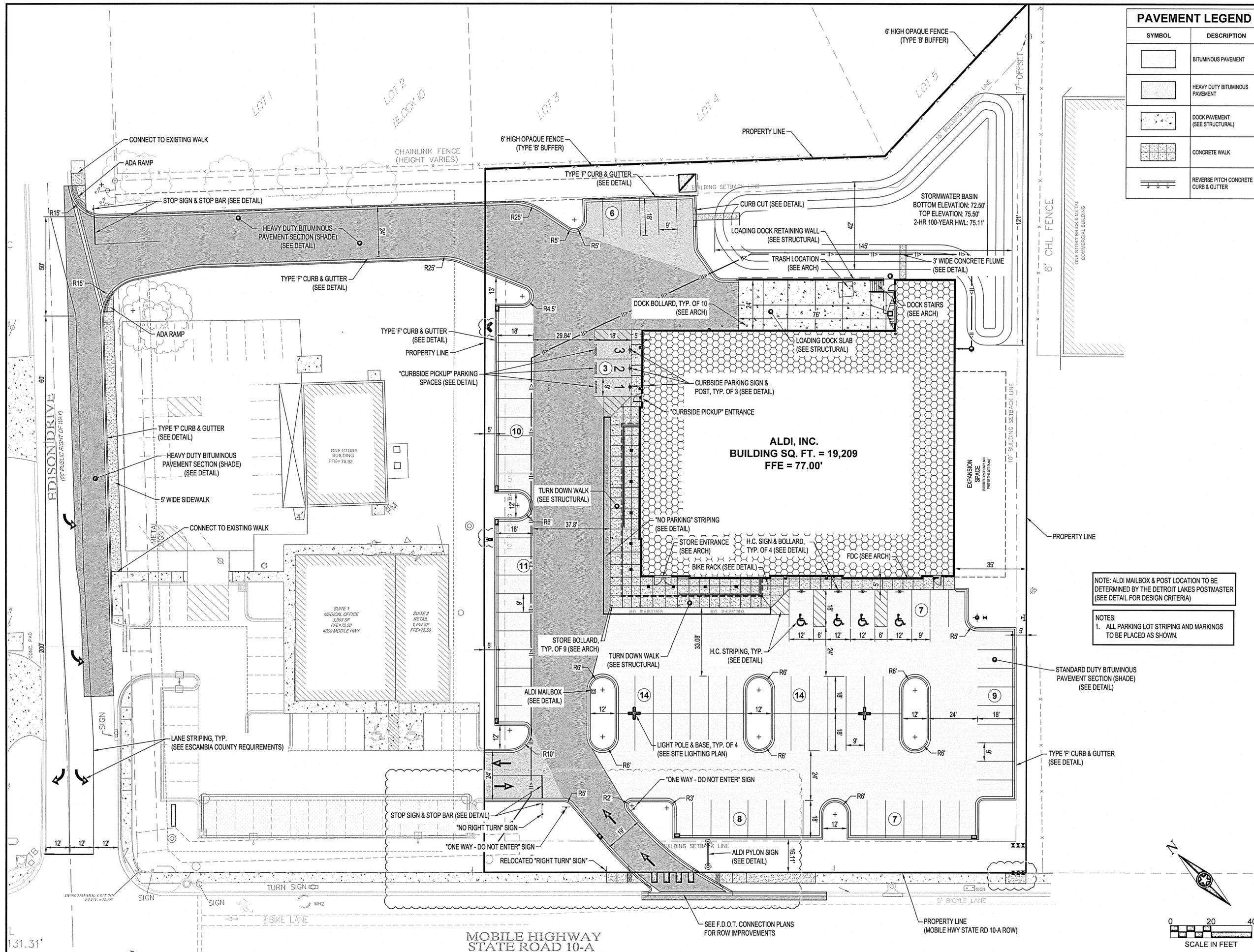
THE CRITICAL ROOT ZONE (CRZ) IS PRESENTED BY A CIRCLE, CENTER ON THE TREE TRUNK AND HAVING A RADIUS OF ONE FOOT FOR EACH ONE INCH OF TRUNK DIAMETER (DBH)

**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.





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

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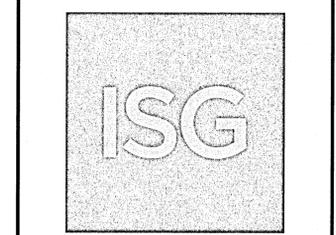
  

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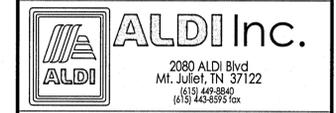
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by Andrew Brandel  
Date: 2021.09.03  
09:33:00 -05'00'



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7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
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**ALDI Inc. Store #: 156**  
PENSACOLA, FLORIDA  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY  
Project Name & Location:

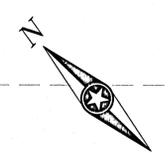
SITE PLAN	
Drawing Name:	ISG Project No.
Type: v7.0 ER	21-25050
Drawn By: JMF	
Designed By: JMF	C-310
Reviewed By: RJA	Drawing No.

NOTE: ALDI MAILBOX & POST LOCATION TO BE DETERMINED BY THE DETROIT LAKES POSTMASTER (SEE DETAIL FOR DESIGN CRITERIA)

NOTES:  
1. ALL PARKING LOT STRIPING AND MARKINGS TO BE PLACED AS SHOWN.

STANDARD DUTY BITUMINOUS PAVEMENT SECTION (SHADE) (SEE DETAIL)

TYPE 'F' CURB & GUTTER (SEE DETAIL)



131.31'

MOBILE HIGHWAY STATE ROAD 10-A

PROPERTY LINE (MOBILE HWY STATE RD 10-A ROW)

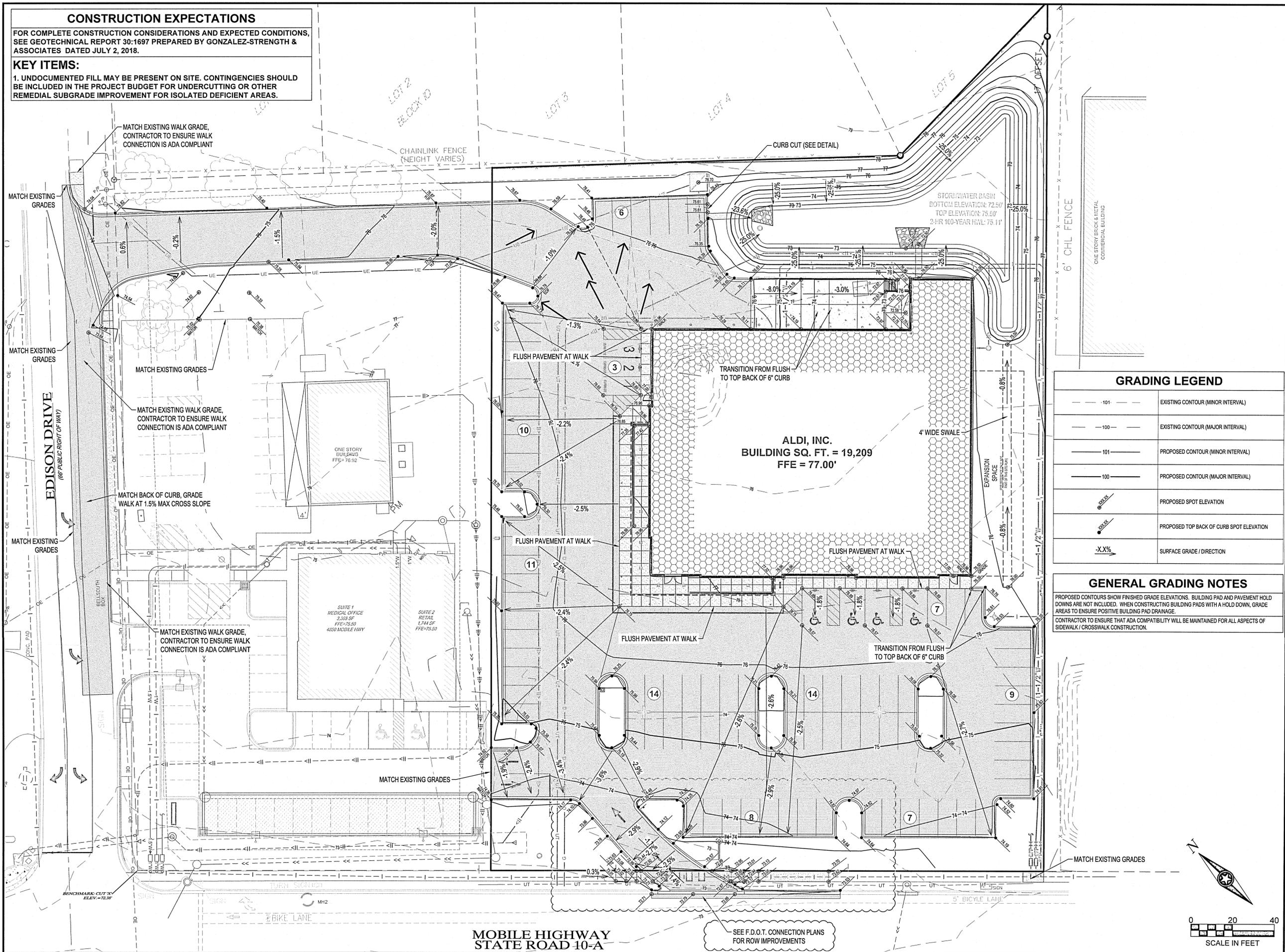


**CONSTRUCTION EXPECTATIONS**

FOR COMPLETE CONSTRUCTION CONSIDERATIONS AND EXPECTED CONDITIONS, SEE GEOTECHNICAL REPORT 30:1697 PREPARED BY GONZALEZ-STRENGTH & ASSOCIATES DATED JULY 2, 2018.

**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.



**GRADING LEGEND**

---101---	EXISTING CONTOUR (MINOR INTERVAL)
---100---	EXISTING CONTOUR (MAJOR INTERVAL)
---101---	PROPOSED CONTOUR (MINOR INTERVAL)
---100---	PROPOSED CONTOUR (MAJOR INTERVAL)
●	PROPOSED SPOT ELEVATION
▲	PROPOSED TOP BACK OF CURB SPOT ELEVATION
-X.X%	SURFACE GRADE / DIRECTION

**GENERAL GRADING NOTES**

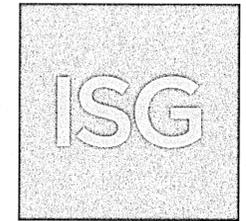
PROPOSED CONTOURS SHOW FINISHED GRADE ELEVATIONS. BUILDING PAD AND PAVEMENT HOLD DOWNS ARE NOT INCLUDED. WHEN CONSTRUCTING BUILDING PADS WITH A HOLD DOWN, GRADE AREAS TO ENSURE POSITIVE BUILDING PAD DRAINAGE.  
CONTRACTOR TO ENSURE THAT ADA COMPATIBILITY WILL BE MAINTAINED FOR ALL ASPECTS OF SIDEWALK / CROSSWALK CONSTRUCTION.

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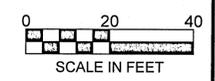
**MANAGING LOCATION:**  
MINNEAPOLIS / ST. PAUL OFFICE  
7900 INTERNATIONAL DRIVE  
INTERNATIONAL PLAZA, SUITE 550  
MINNEAPOLIS, MN 55425  
PHONE: 952.426.0699



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

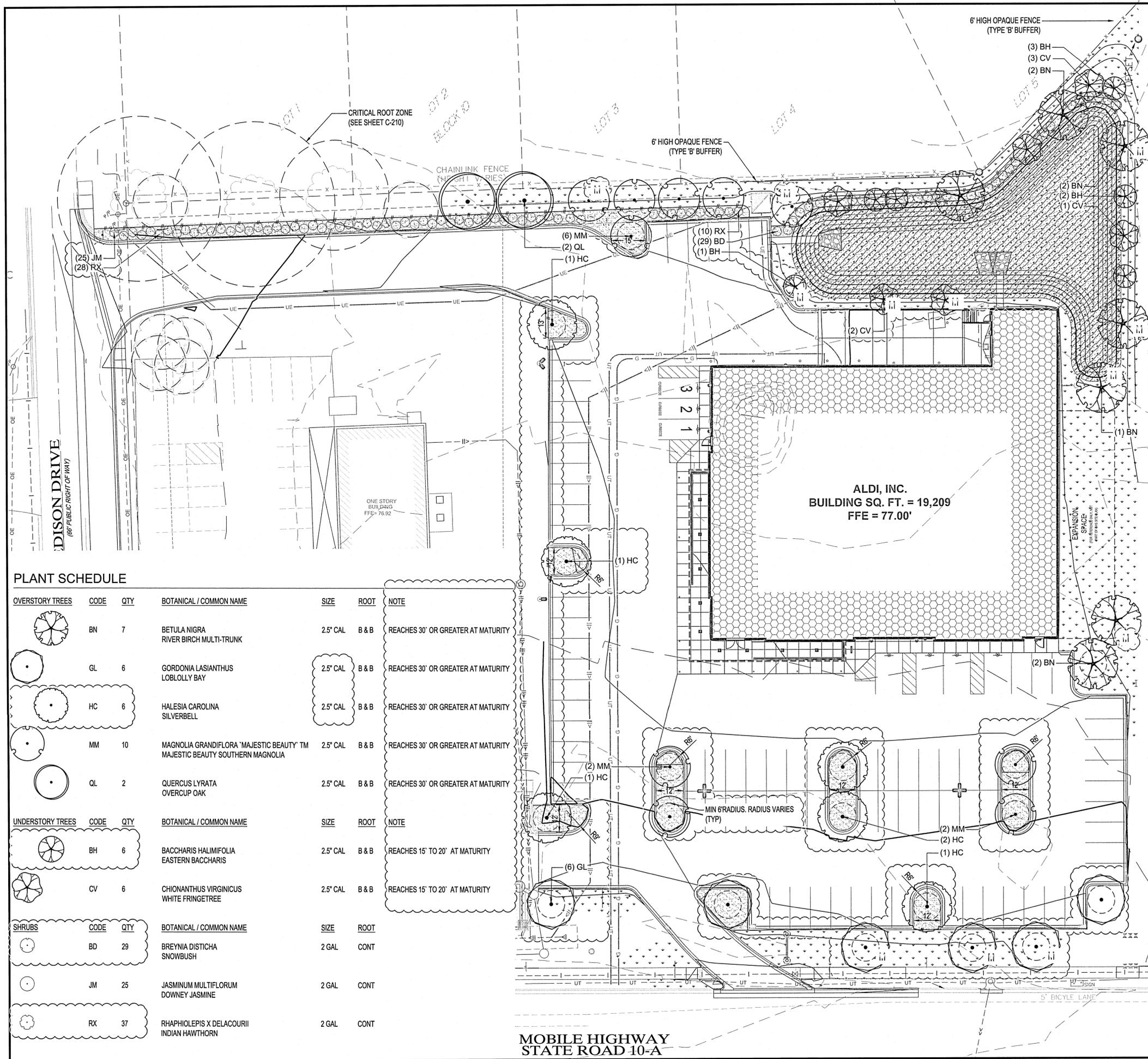
Project Name & Location:  
**SITE GRADING PLAN**

Drawing Name:	ISG Project No.
Type: v7.0 ER	21-25050
Drawn By: JMF	C-410
Designed By: JMF	Drawing No.
Reviewed By: RJA	



MOBILE HIGHWAY STATE ROAD 10-A

SEE F.D.O.T. CONNECTION PLANS FOR ROW IMPROVEMENTS



**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 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

**PLANT SCHEDULE**

OVERSTORY TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	ROOT	NOTE
	BN	7	BETULA NIGRA RIVER BIRCH MULTI-TRUNK	2.5" CAL	B & B	REACHES 30' OR GREATER AT MATURITY
	GL	6	GORDONIA LASIANTHUS LOBLOLLY BAY	2.5" CAL	B & B	REACHES 30' OR GREATER AT MATURITY
	HC	6	HALESIA CAROLINA SILVERBELL	2.5" CAL	B & B	REACHES 30' OR GREATER AT MATURITY
	MM	10	MAGNOLIA GRANDIFLORA 'MAJESTIC BEAUTY' TM MAJESTIC BEAUTY SOUTHERN MAGNOLIA	2.5" CAL	B & B	REACHES 30' OR GREATER AT MATURITY
	QL	2	QUERCUS LYRATA OVERCUP OAK	2.5" CAL	B & B	REACHES 30' OR GREATER AT MATURITY
UNDERSTORY TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	ROOT	NOTE
	BH	6	BACCHARIS HALIMIFOLIA EASTERN BACCHARIS	2.5" CAL	B & B	REACHES 15' TO 20' AT MATURITY
	CV	6	CHIONANTHUS VIRGINICUS WHITE FRINGETREE	2.5" CAL	B & B	REACHES 15' TO 20' AT MATURITY
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	ROOT	NOTE
	BD	29	BREYNIA DISTICHA SNOWBUSH	2 GAL	CONT	
	JM	25	JASMINUM MULTIFLORUM DOWNEY JASMINE	2 GAL	CONT	
	RX	37	RHAPHIOLEPIS X DELACOURII INDIAN HAWTHORN	2 GAL	CONT	

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 (BAHIAGRASS)

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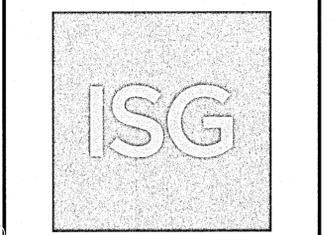
  

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 Date: 2021.09.03 09:34:29 -05'00'



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 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

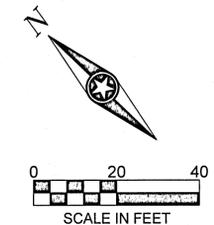


ALDI Inc. Store #: 156  
 PENSACOLA, FLORIDA  
 4830 MOBILE HIGHWAY  
 PENSACOLA, FLORIDA 32506  
 ESCAMBIA COUNTY

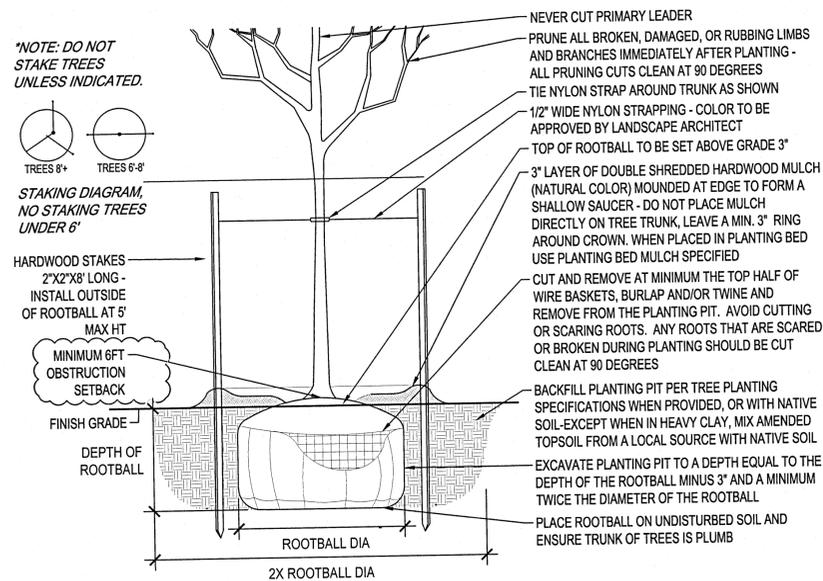
Project Name & Location:

**SITE 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.

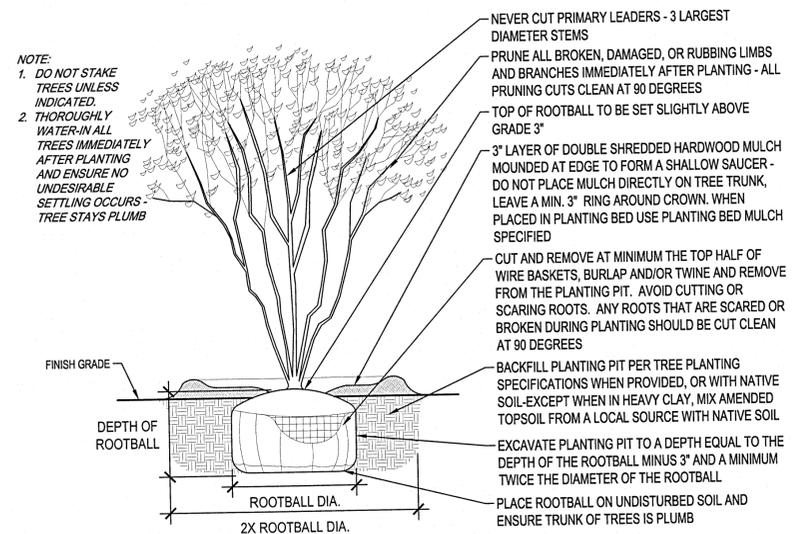


MOBILE HIGHWAY  
 STATE ROAD 10-A



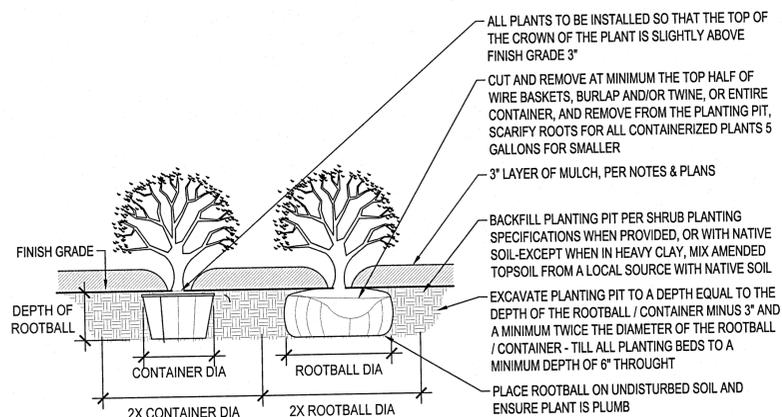
**DECIDUOUS TREE PLANTING DETAIL**

SCALE: 1" = 1'-0"



**MULTI-STEM TREE PLANTING DETAILS**

SCALE: 1" = 1'-0"



**SHRUB PLANTING DETAIL**

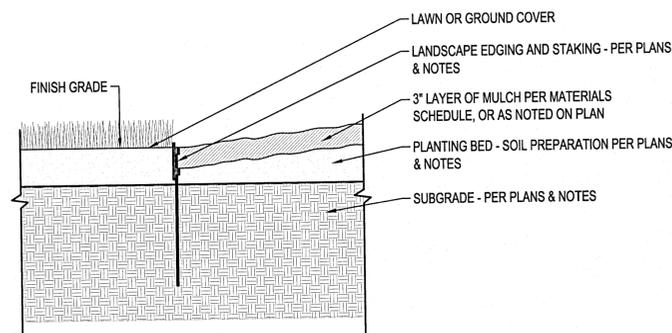
SCALE: 1" = 1'-0"

**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" x 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"

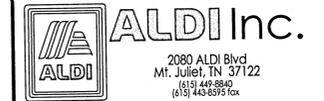
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Digitally signed by Andrew Brandel  
Date: 2021.09.03 09:34:57 -05'00'

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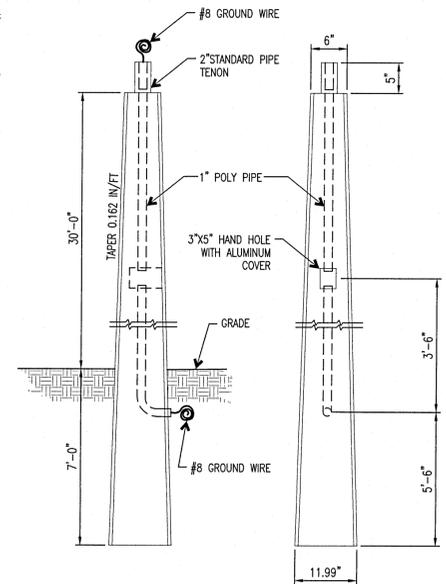
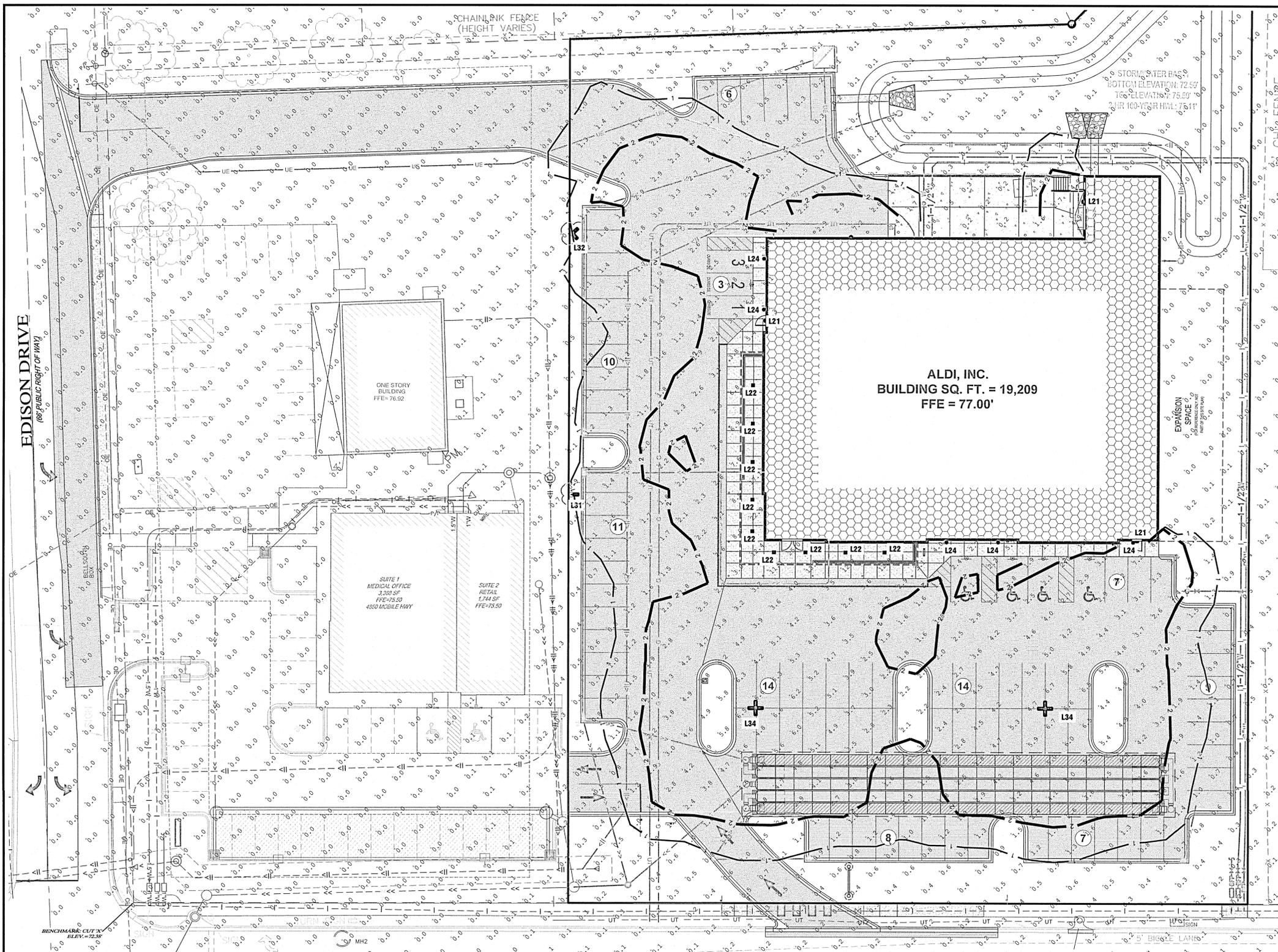


ALDI Inc. Store #: 156  
PENSACOLA, FLORIDA  
4830 MOBILE HIGHWAY  
PENSACOLA, FLORIDA 32506  
ESCAMBIA COUNTY

Project Name & Location:

**SITE PLANTING NOTES & DETAILS**

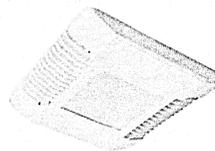
Drawing Name:	ISG Project No.
Type: V7.0 ER	21-25050
Drawn By: AE	
Designed By: AE	C-520
Reviewed By: MRW	Drawing No.



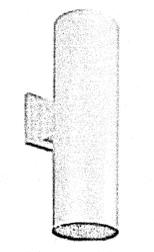
**1 LIGHT POLE DETAIL**  
N.T.S.



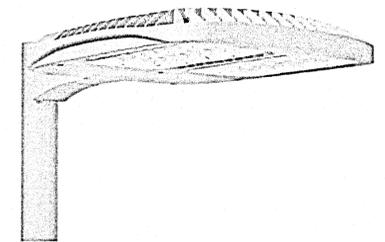
"L21" LIGHT STYLE



"L22" LIGHT STYLE



"L24" LIGHT STYLE



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

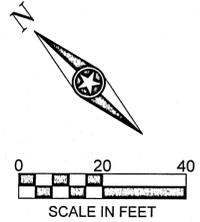
Provide light fixtures as shown on Fixture Schedule. Substitutions shall have prior approval by the Project Engineer before bid date. Being listed as an acceptable Manufacturer in no way relieves the Contractors obligation to provide all equipment and features in accordance with these specifications.

**LIGHT FIXTURE SCHEDULE**

TYPE	STYLE	MANUFACTURER/MODEL NUMBER	LAMPS	REMARKS
L21	BUILDING MOUNTED WALL PACK	CREE LIGHTING #KSPW-B-WM-3ME-4L-3K-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'-4" 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 PRECAST SPECIALTIES #37 TYPE I-O S w/2" TENON
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 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 37'-0" POLE

**FOOTCANDLE LEGEND**

1.00 FOOTCANDLE LINE	1
2.00 FOOTCANDLE LINE	2



NOTE: SEE ELECTRICAL PLAN FOR SITE ELECTRICAL LAYOUT

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 CCD #01	09/10/21
2	
3	
4	
5	
6	
7	
8	
9	

Digitally signed by Andrew Brandel  
Date: 2021.09.03 09:35:22 -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 LIGHTING PHOTOMETRIC 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.

### XSP Series

XSPW™ LED Wall Mount Luminaire featuring Cree TrueWhite® Technology

#### Product Description

The XSPW™ LED wall mount luminaire has a slim, low profile design intended for outdoor wall mounted applications. The rugged lightweight aluminum housing and mounting box are designed for installation over standard single gang J-Boxes and mud ring single gang J-Boxes. The luminaire allows for through-wired or conduit entry from the top, bottom, sides and rear. The housing design is intended specifically for LED technology including a weatherlight LED driver compartment and thermal management. Optic design features industry-leading NanoOptic® Precision Delivery Grid™ system in multiple distributions.

Applications: General area and security lighting

#### Performance Summary

NanoOptic® Precision Delivery Grid™ optic
Assembled in the U.S.A. of U.S. and imported parts
CRI: Minimum 70 CRI (3000K, 4000K & 5700K), 90 CRI (5000K)
CCT: 3000K, 4000K, 5000K, 5700K
Limited Warranty* 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

\*See <http://lighting.cree.com/warranty> for warranty terms

#### Accessories

Field-Installed	Hand-Held Remote
<b>Becky Plate</b> WM-PL12™ - 12" (305mm) Square WM-PL14™ - 14" (356mm) Square - Covers holes left by incandescent wall packs	HA-SENSE™ - For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required

\* Must specify color

#### Ordering Information

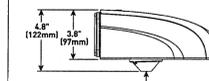
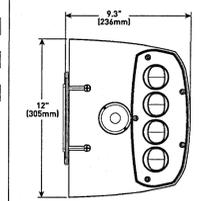
Example: XSPW-B-WM-2ME-2L-30K-UL-BK

Product	Version	Mounting	Optic	Lumen Package*	CCT	Voltage	Color Options	Options
XSPW	B	WM	2ME	2L	30K	UL	BK	HL Multi-Level - Refer to HL spec sheet for details - Available with UL voltage only
				4L	300K	UL	BZ	P Photoelectric - Not available with HL or PML options - For use with P option only
				6L	400K	UL	SW	PHL Programmable Multi-Level - Refer to PML spec sheet for details - Available with UL voltage only
				8L	500K	UL	WW	
				8L	570K	UL	WW	

\* Lumen Package codes identify approximate light output only. Actual lumen output levels may vary depending on CCT and optic selection. Refer to Initial Delivered Lumens tables for specific lumen values



Type: L21



Lumen Package	Weight
2L, 4L, 6L	11.0 lbs. (5.0kg)
8L	11.8 lbs. (5.4kg)

### CPY Series - Version B

CPY250™ LED Canopy/Soffit Luminaire

#### Product Description

The CPY250™ LED Canopy/Soffit Luminaire has an extremely thin profile constructed of rugged cast aluminum. It can be surface mounted easily from below the canopy deck and can be pendant mounted. Direct imaging of the LEDs is eliminated with a highly efficient patterned flat or 0.91" (23mm) drop glass lens.

Applications: Petroleum canopies, CNG fueling stations, soffits

#### Performance Summary

Assembled in the U.S.A. of U.S. and imported parts
Initial Delivered Lumens: Up to 20,080
Efficacy: Up to 151 LPW
CRI: Minimum 70 CRI
CCT: 3000K 1-1/2-300K, 4000K 1-1/2-300K, 5700K 1-1/2-300K
Limited Warranty* 10 years on luminaire/10 years on Colorfast DeltaGuard® finish
IP64 Rated (Direct Mount only)
Class I, Division 2 Hazardous Location for select models

\*See <http://lighting.cree.com/warranty> for warranty terms

#### Accessories

Direct Mount Luminaires	Pendant Mount Luminaires
<b>Canopy Upgrade Kits (18 ga. steel)</b> HA-SBC20W - for use with 2x6-Phips, 21.42" (540mm) square HA-SBC20M - for use with Escal Francisco, 22.52" (570mm) square HA-SBC20P - for use with ESC Calista or Masters, 22.52" (570mm) square HA-SBC20V - for use with Whiskey Banners or Escal 4x16, 21.42" (540mm) square HA-SBC20W - for use with Escal Merit, 18.54" (468mm) square HA-SBC20M - for use with L50 Luminaires or Whiskey Civic, 23.00" (584mm) square HA-SBC20V - for use with Whiskey Banners or Escal 4x16, 21.42" (540mm) square HA-SBC20S - 4.8" (122mm) H x 3/4" (19mm) NPT Stem - Hand-Held Remote - Refer to feed through 8 (4 in, 4 out) #12 AWG conductors - For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required	<b>Pendant Mount Kits</b> HA-P20P1 - 12" (305mm) pendant HA-P20P2 - 18" (457mm) pendant HA-P20P3 - 24" (610mm) pendant HA-P20P4 - 30" (762mm) pendant HA-P20P5 - 36" (914mm) pendant HA-P20P6 - 42" (1067mm) pendant HA-P20P7 - 48" (1219mm) pendant HA-P20P8 - 54" (1372mm) pendant HA-P20P9 - 60" (1524mm) pendant HA-P20P10 - 66" (1676mm) pendant HA-P20P11 - 72" (1829mm) pendant HA-P20P12 - 78" (1981mm) pendant HA-P20P13 - 84" (2134mm) pendant HA-P20P14 - 90" (2286mm) pendant HA-P20P15 - 96" (2438mm) pendant HA-P20P16 - 102" (2591mm) pendant HA-P20P17 - 108" (2743mm) pendant HA-P20P18 - 114" (2896mm) pendant HA-P20P19 - 120" (3048mm) pendant HA-P20P20 - 126" (3201mm) pendant HA-P20P21 - 132" (3354mm) pendant HA-P20P22 - 138" (3506mm) pendant HA-P20P23 - 144" (3659mm) pendant HA-P20P24 - 150" (3811mm) pendant HA-P20P25 - 156" (3964mm) pendant HA-P20P26 - 162" (4117mm) pendant HA-P20P27 - 168" (4269mm) pendant HA-P20P28 - 174" (4422mm) pendant HA-P20P29 - 180" (4574mm) pendant HA-P20P30 - 186" (4727mm) pendant HA-P20P31 - 192" (4879mm) pendant HA-P20P32 - 198" (5032mm) pendant HA-P20P33 - 204" (5184mm) pendant HA-P20P34 - 210" (5337mm) pendant HA-P20P35 - 216" (5489mm) pendant HA-P20P36 - 222" (5642mm) pendant HA-P20P37 - 228" (5794mm) pendant HA-P20P38 - 234" (5947mm) pendant HA-P20P39 - 240" (6099mm) pendant HA-P20P40 - 246" (6252mm) pendant HA-P20P41 - 252" (6404mm) pendant HA-P20P42 - 258" (6557mm) pendant HA-P20P43 - 264" (6709mm) pendant HA-P20P44 - 270" (6862mm) pendant HA-P20P45 - 276" (7014mm) pendant HA-P20P46 - 282" (7167mm) pendant HA-P20P47 - 288" (7319mm) pendant HA-P20P48 - 294" (7472mm) pendant HA-P20P49 - 300" (7624mm) pendant HA-P20P50 - 306" (7777mm) pendant HA-P20P51 - 312" (7929mm) pendant HA-P20P52 - 318" (8082mm) pendant HA-P20P53 - 324" (8234mm) pendant HA-P20P54 - 330" (8387mm) pendant HA-P20P55 - 336" (8539mm) pendant HA-P20P56 - 342" (8692mm) pendant HA-P20P57 - 348" (8844mm) pendant HA-P20P58 - 354" (8997mm) pendant HA-P20P59 - 360" (9149mm) pendant HA-P20P60 - 366" (9302mm) pendant HA-P20P61 - 372" (9454mm) pendant HA-P20P62 - 378" (9607mm) pendant HA-P20P63 - 384" (9759mm) pendant HA-P20P64 - 390" (9912mm) pendant HA-P20P65 - 396" (10064mm) pendant HA-P20P66 - 402" (10217mm) pendant HA-P20P67 - 408" (10369mm) pendant HA-P20P68 - 414" (10522mm) pendant HA-P20P69 - 420" (10674mm) pendant HA-P20P70 - 426" (10827mm) pendant HA-P20P71 - 432" (10979mm) pendant HA-P20P72 - 438" (11132mm) pendant HA-P20P73 - 444" (11284mm) pendant HA-P20P74 - 450" (11437mm) pendant HA-P20P75 - 456" (11589mm) pendant HA-P20P76 - 462" (11742mm) pendant HA-P20P77 - 468" (11894mm) pendant HA-P20P78 - 474" (12047mm) pendant HA-P20P79 - 480" (12199mm) pendant HA-P20P80 - 486" (12352mm) pendant HA-P20P81 - 492" (12504mm) pendant HA-P20P82 - 498" (12657mm) pendant HA-P20P83 - 504" (12809mm) pendant HA-P20P84 - 510" (12962mm) pendant HA-P20P85 - 516" (13114mm) pendant HA-P20P86 - 522" (13267mm) pendant HA-P20P87 - 528" (13419mm) pendant HA-P20P88 - 534" (13572mm) pendant HA-P20P89 - 540" (13724mm) pendant HA-P20P90 - 546" (13877mm) pendant HA-P20P91 - 552" (14029mm) pendant HA-P20P92 - 558" (14182mm) pendant HA-P20P93 - 564" (14334mm) pendant HA-P20P94 - 570" (14487mm) pendant HA-P20P95 - 576" (14639mm) pendant HA-P20P96 - 582" (14792mm) pendant HA-P20P97 - 588" (14944mm) pendant HA-P20P98 - 594" (15097mm) pendant HA-P20P99 - 600" (15249mm) pendant HA-P20P100 - 606" (15402mm) pendant HA-P20P101 - 612" (15554mm) pendant HA-P20P102 - 618" (15707mm) pendant HA-P20P103 - 624" (15859mm) pendant HA-P20P104 - 630" (16012mm) pendant HA-P20P105 - 636" (16164mm) pendant HA-P20P106 - 642" (16317mm) pendant HA-P20P107 - 648" (16469mm) pendant HA-P20P108 - 654" (16622mm) pendant HA-P20P109 - 660" (16774mm) pendant HA-P20P110 - 666" (16927mm) pendant HA-P20P111 - 672" (17079mm) pendant HA-P20P112 - 678" (17232mm) pendant HA-P20P113 - 684" (17384mm) pendant HA-P20P114 - 690" (17537mm) pendant HA-P20P115 - 696" (17689mm) pendant HA-P20P116 - 702" (17842mm) pendant HA-P20P117 - 708" (17994mm) pendant HA-P20P118 - 714" (18147mm) pendant HA-P20P119 - 720" (18299mm) pendant HA-P20P120 - 726" (18452mm) pendant HA-P20P121 - 732" (18604mm) pendant HA-P20P122 - 738" (18757mm) pendant HA-P20P123 - 744" (18909mm) pendant HA-P20P124 - 750" (19062mm) pendant HA-P20P125 - 756" (19214mm) pendant HA-P20P126 - 762" (19367mm) pendant HA-P20P127 - 768" (19519mm) pendant HA-P20P128 - 774" (19672mm) pendant HA-P20P129 - 780" (19824mm) pendant HA-P20P130 - 786" (19977mm) pendant HA-P20P131 - 792" (20129mm) pendant HA-P20P132 - 798" (20282mm) pendant HA-P20P133 - 804" (20434mm) pendant HA-P20P134 - 810" (20587mm) pendant HA-P20P135 - 816" (20739mm) pendant HA-P20P136 - 822" (20892mm) pendant HA-P20P137 - 828" (21044mm) pendant HA-P20P138 - 834" (21197mm) pendant HA-P20P139 - 840" (21349mm) pendant HA-P20P140 - 846" (21502mm) pendant HA-P20P141 - 852" (21654mm) pendant HA-P20P142 - 858" (21807mm) pendant HA-P20P143 - 864" (21959mm) pendant HA-P20P144 - 870" (22112mm) pendant HA-P20P145 - 876" (22264mm) pendant HA-P20P146 - 882" (22417mm) pendant HA-P20P147 - 888" (22569mm) pendant HA-P20P148 - 894" (22722mm) pendant HA-P20P149 - 900" (22874mm) pendant HA-P20P150 - 906" (23027mm) pendant HA-P20P151 - 912" (23179mm) pendant HA-P20P152 - 918" (23332mm) pendant HA-P20P153 - 924" (23484mm) pendant HA-P20P154 - 930" (23637mm) pendant HA-P20P155 - 936" (23789mm) pendant HA-P20P156 - 942" (23942mm) pendant HA-P20P157 - 948" (24094mm) pendant HA-P20P158 - 954" (24247mm) pendant HA-P20P159 - 960" (24399mm) pendant HA-P20P160 - 966" (24552mm) pendant HA-P20P161 - 972" (24704mm) pendant HA-P20P162 - 978" (24857mm) pendant HA-P20P163 - 984" (25009mm) pendant HA-P20P164 - 990" (25162mm) pendant HA-P20P165 - 996" (25314mm) pendant HA-P20P166 - 1002" (25467mm) pendant HA-P20P167 - 1008" (25619mm) pendant HA-P20P168 - 1014" (25772mm) pendant HA-P20P169 - 1020" (25924mm) pendant HA-P20P170 - 1026" (26077mm) pendant HA-P20P171 - 1032" (26229mm) pendant HA-P20P172 - 1038" (26382mm) pendant HA-P20P173 - 1044" (26534mm) pendant HA-P20P174 - 1050" (26687mm) pendant HA-P20P175 - 1056" (26839mm) pendant HA-P20P176 - 1062" (26992mm) pendant HA-P20P177 - 1068" (27144mm) pendant HA-P20P178 - 1074" (27297mm) pendant HA-P20P179 - 1080" (27449mm) pendant HA-P20P180 - 1086" (27602mm) pendant HA-P20P181 - 1092" (27754mm) pendant HA-P20P182 - 1098" (27907mm) pendant HA-P20P183 - 1104" (28059mm) pendant HA-P20P184 - 1110" (28212mm) pendant HA-P20P185 - 1116" (28364mm) pendant HA-P20P186 - 1122" (28517mm) pendant HA-P20P187 - 1128" (28669mm) pendant HA-P20P188 - 1134" (28822mm) pendant HA-P20P189 - 1140" (28974mm) pendant HA-P20P190 - 1146" (29127mm) pendant HA-P20P191 - 1152" (29279mm) pendant HA-P20P192 - 1158" (29432mm) pendant HA-P20P193 - 1164" (29584mm) pendant HA-P20P194 - 1170" (29737mm) pendant HA-P20P195 - 1176" (29889mm) pendant HA-P20P196 - 1182" (30042mm) pendant HA-P20P197 - 1188" (30194mm) pendant HA-P20P198 - 1194" (30347mm) pendant HA-P20P199 - 1200" (30499mm) pendant HA-P20P200 - 1206" (30652mm) pendant HA-P20P201 - 1212" (30804mm) pendant HA-P20P202 - 1218" (30957mm) pendant HA-P20P203 - 1224" (31109mm) pendant HA-P20P204 - 1230" (31262mm) pendant HA-P20P205 - 1236" (31414mm) pendant HA-P20P206 - 1242" (31567mm) pendant HA-P20P207 - 1248" (31719mm) pendant HA-P20P208 - 1254" (31872mm) pendant HA-P20P209 - 1260" (32024mm) pendant HA-P20P210 - 1266" (32177mm) pendant HA-P20P211 - 1272" (32329mm) pendant HA-P20P212 - 1278" (32482mm) pendant HA-P20P213 - 1284" (32634mm) pendant HA-P20P214 - 1290" (32787mm) pendant HA-P20P215 - 1296" (32939mm) pendant HA-P20P216 - 1302" (33092mm) pendant HA-P20P217 - 1308" (33244mm) pendant HA-P20P218 - 1314" (33397mm) pendant HA-P20P219 - 1320" (33549mm) pendant HA-P20P220 - 1326" (33702mm) pendant HA-P20P221 - 1332" (33854mm) pendant HA-P20P222 - 1338" (34007mm) pendant HA-P20P223 - 1344" (34159mm) pendant HA-P20P224 - 1350" (34312mm) pendant HA-P20P225 - 1356" (34464mm) pendant HA-P20P226 - 1362" (34617mm) pendant HA-P20P227 - 1368" (34769mm) pendant HA-P20P228 - 1374" (34922mm) pendant HA-P20P229 - 1380" (35074mm) pendant HA-P20P230 - 1386" (35227mm) pendant HA-P20P231 - 1392" (35379mm) pendant HA-P20P232 - 1398" (35532mm) pendant HA-P20P233 - 1404" (35684mm) pendant HA-P20P234 - 1410" (35837mm) pendant HA-P20P235 - 1416" (35989mm) pendant HA-P20P236 - 1422" (36142mm) pendant HA-P20P237 - 1428" (36294mm) pendant HA-P20P238 - 1434" (36447mm) pendant HA-P20P239 - 1440" (36599mm) pendant HA-P20P240 - 1446" (36752mm) pendant HA-P20P241 - 1452" (36904mm) pendant HA-P20P242 - 1458" (37057mm) pendant HA-P20P243 - 1464" (37209mm) pendant HA-P20P244 - 1470" (37362mm) pendant HA-P20P245 - 1476" (37514mm) pendant HA-P20P246 - 1482" (37667mm) pendant HA-P20P247 - 1488" (37819mm) pendant HA-P20P248 - 1494" (37972mm) pendant HA-P20P249 - 1500" (38124mm) pendant HA-P20P250 - 1506" (38277mm) pendant HA-P20P251 - 1512" (38429mm) pendant HA-P20P252 - 1518" (38582mm) pendant HA-P20P253 - 1524" (38734mm) pendant HA-P20P254 - 1530" (38887mm) pendant HA-P20P255 - 1536" (39039mm) pendant HA-P20P256 - 1542" (39192mm) pendant HA-P20P257 - 1548" (39344mm) pendant HA-P20P258 - 1554" (39497mm) pendant HA-P20P259 - 1560" (39649mm) pendant HA-P20P260 - 1566" (39802mm) pendant HA-P20P261 - 1572" (39954mm) pendant HA-P20P262 - 1578" (40107mm) pendant HA-P20P263 - 1584" (40259mm) pendant HA-P20P264 - 1590" (40412mm) pendant HA-P20P265 - 1596" (40564mm) pendant HA-P20P266 - 1602" (40717mm) pendant HA-P20P267 - 1608" (40869mm) pendant HA-P20P268 - 1614" (41022mm) pendant HA-P20P269 - 1620" (41174mm) pendant HA-P20P270 - 1626" (41327mm) pendant HA-P20P271 - 1632" (41479mm) pendant HA-P20P272 - 1638" (41632mm) pendant HA-P20P273 - 1644" (41784mm) pendant HA-P20P274 - 1650" (41937mm) pendant HA-P20P275 - 1656" (42089mm) pendant HA-P20P276 - 1662" (42242mm) pendant HA-P20P277 - 1668" (42394mm) pendant HA-P20P278 - 1674" (42547mm) pendant HA-P20P279 - 1680" (42699mm) pendant HA-P20P280 - 1686" (42852mm) pendant HA-P20P281 - 1692" (43004mm) pendant HA-P20P282 - 1698" (43157mm) pendant HA-P20P283 - 1704" (43309mm) pendant HA-P20P284 - 1710" (43462mm) pendant HA-P20P285 - 1716" (43614mm) pendant HA-P20P286 - 1722" (43767mm) pendant HA-P20P287 - 1728" (43919mm) pendant HA-P20P288 - 1734" (44072mm) pendant HA-P20P289 - 1740" (44224mm) pendant HA-P20P290 - 1746" (44377mm) pendant HA-P20P291 - 1752" (44529mm) pendant HA-P20P292 - 1758" (44682mm) pendant HA-P20P293 - 1764" (44834mm) pendant HA-P20P294 - 1770" (44987mm) pendant HA-P20P295 - 1776" (45139mm) pendant HA-P20P296 - 1782" (45292mm) pendant HA-P20P297 - 1788" (45444mm) pendant HA-P20P298 - 1794" (45597mm) pendant HA-P20P299 - 1800" (45749mm) pendant HA-P20P300 - 1806" (45902mm) pendant HA-P20P301 - 1812" (46054mm) pendant HA-P20P302 - 1818" (46207mm) pendant HA-P20P303 - 1824" (46359mm) pendant HA-P20P304 - 1830" (46512mm) pendant HA-P20P305 - 1836" (46664mm) pendant HA-P20P306 - 1842" (46817mm) pendant HA-P20P307 - 1848" (46969mm) pendant HA-P20P308 - 1854" (47122mm) pendant HA-P20P309 - 1860" (47274mm) pendant HA-P20P310 - 1866" (47427mm) pendant HA-P20P311 - 1872" (47579mm) pendant HA-P20P312 - 1878" (47732mm) pendant HA-P20P313 - 1884" (47884mm) pendant HA-P20P314 - 1890" (48037mm) pendant HA-P20P315 - 1896" (48189mm) pendant HA-P20P316 - 1902" (48342mm) pendant HA-P20P317 - 1908" (48494mm) pendant HA-P20P318 - 1914" (48647mm) pendant HA-P20P319 - 1920" (48799mm) pendant HA-P20P320 - 1926" (48952mm) pendant HA-P20P321 - 1932" (49104mm) pendant HA-P20P322 - 1938" (49257mm) pendant HA-P20P323 - 1944" (49409mm) pendant HA-P20P324 - 1950" (49562mm) pendant HA-P20P325 - 1956" (49714mm) pendant HA-P20P326 - 1962" (49867mm) pendant HA-P20P327 - 1968" (50019mm) pendant HA-P20P328 - 1974" (50172mm) pendant HA-P20P329 - 1980" (50324mm) pendant HA-P20P330 - 1986" (50477mm) pendant HA-P20P331 - 1992" (50629mm) pendant HA-P20P332 - 1998" (50782mm) pendant HA-P20P333 - 2004" (50934mm) pendant HA-P20P334 - 2010" (51087mm) pendant HA-P20P335 - 2016" (51239mm) pendant HA-P20P336 - 2022" (51392mm) pendant HA-P20P337 - 2028" (51544mm) pendant HA-P20P338 - 2034" (5169