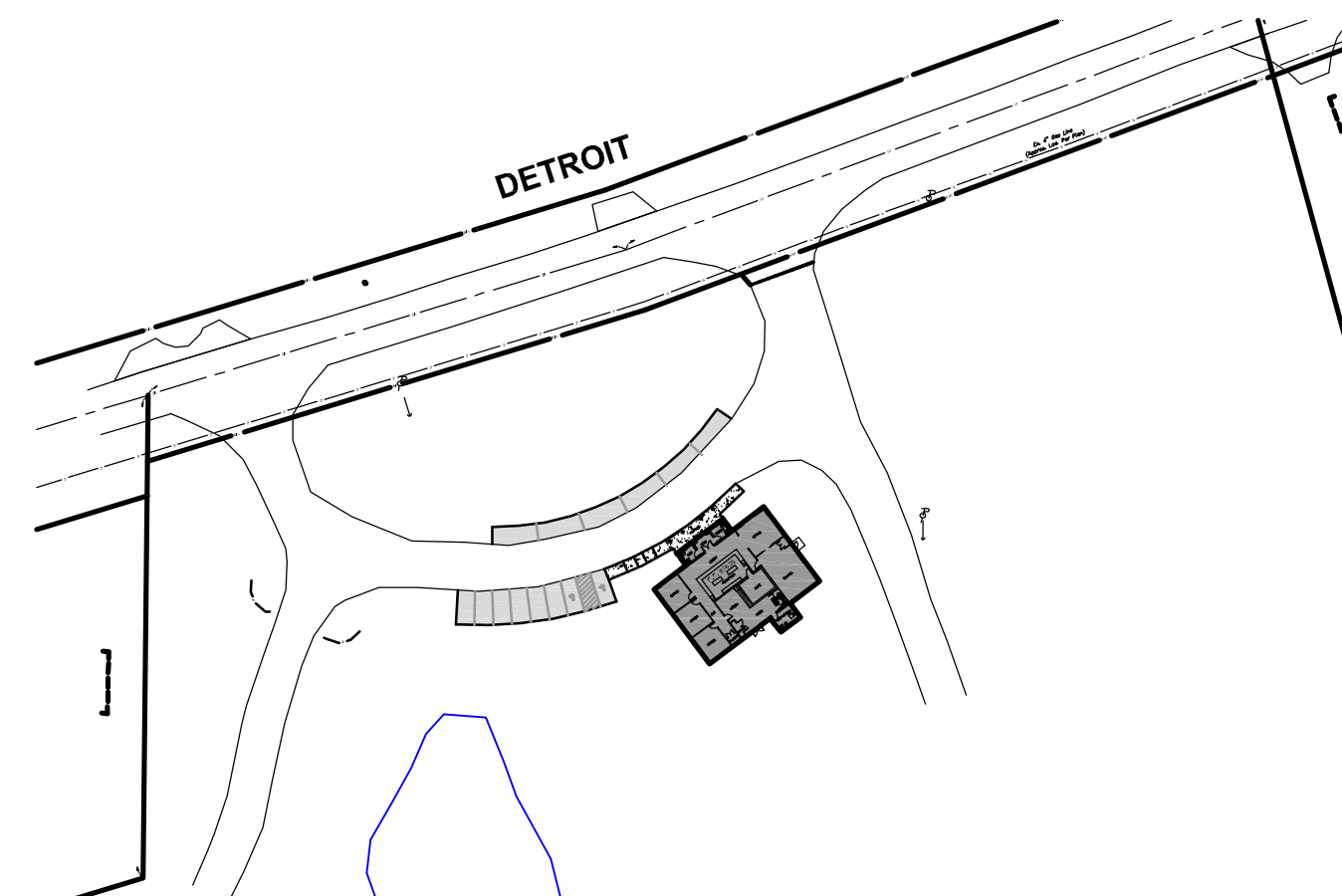
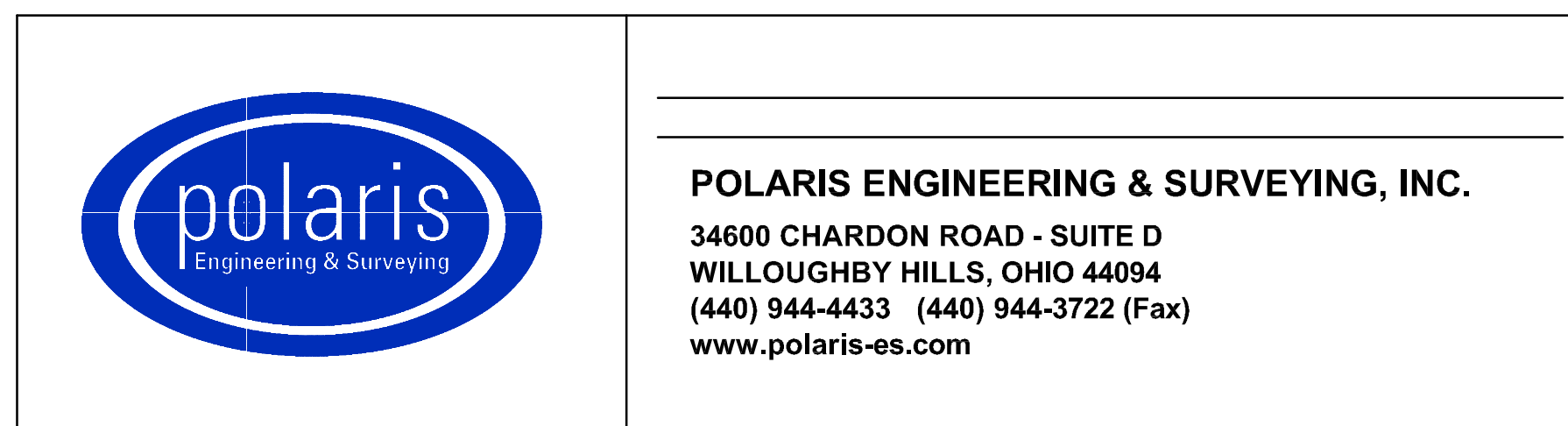


FINAL SITE PLAN OF PROPOSED VISITOR CENTER FOR SAINT JOSEPH CEMETERY

32787 Detroit Road (S.R. 254)
City of Avon - Lorain County - Ohio

March, 2017

DESIGNED BY:

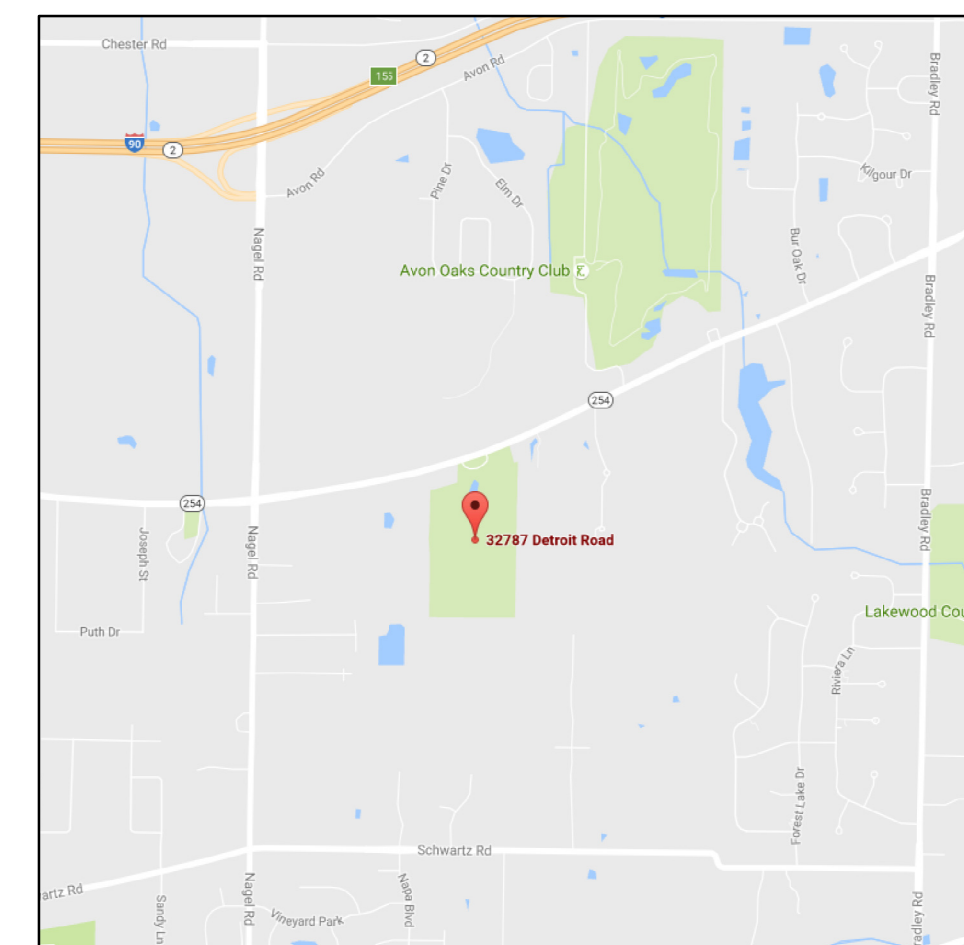


SITE MAP
1"=100'



DRAWING INDEX

DESCRIPTION	SHEET NO.
TITLE SHEET	1
EXISTING CONDITIONS PLAN	2
SITE PLAN	3
PROJECT DETAILS	4-6



VICINITY MAP
N.T.S.



PREPARED FOR:

Catholic Cemeteries Assoc.
P.O. Box 605310
10000 Miles Ave.
Cleveland, Oh 44105
Contact: Patricia Giambrone
Ph: 216.402.3306

APPROVALS

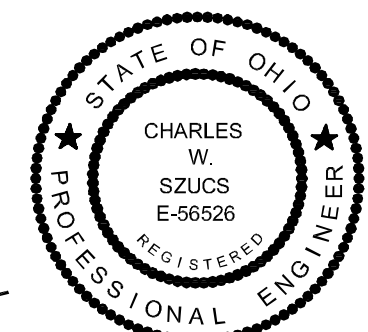
APPROVED BY THE CITY OF AVON, OHIO:

BY _____ DATE _____
Bryan K. Jensen
MAYOR

BY _____ DATE _____
Craig Witherspoon
COUNCIL PRESIDENT

BY _____ DATE _____
Carolyn Witherspoon
PLANNING CHAIRMAN

BY _____ DATE _____
Ryan E. Cummins, P.E.
CITY OF AVON ENGINEER



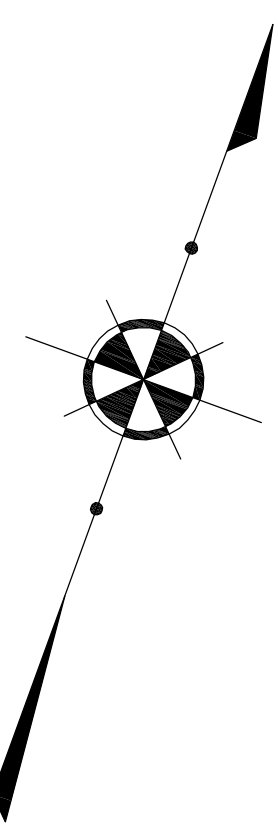
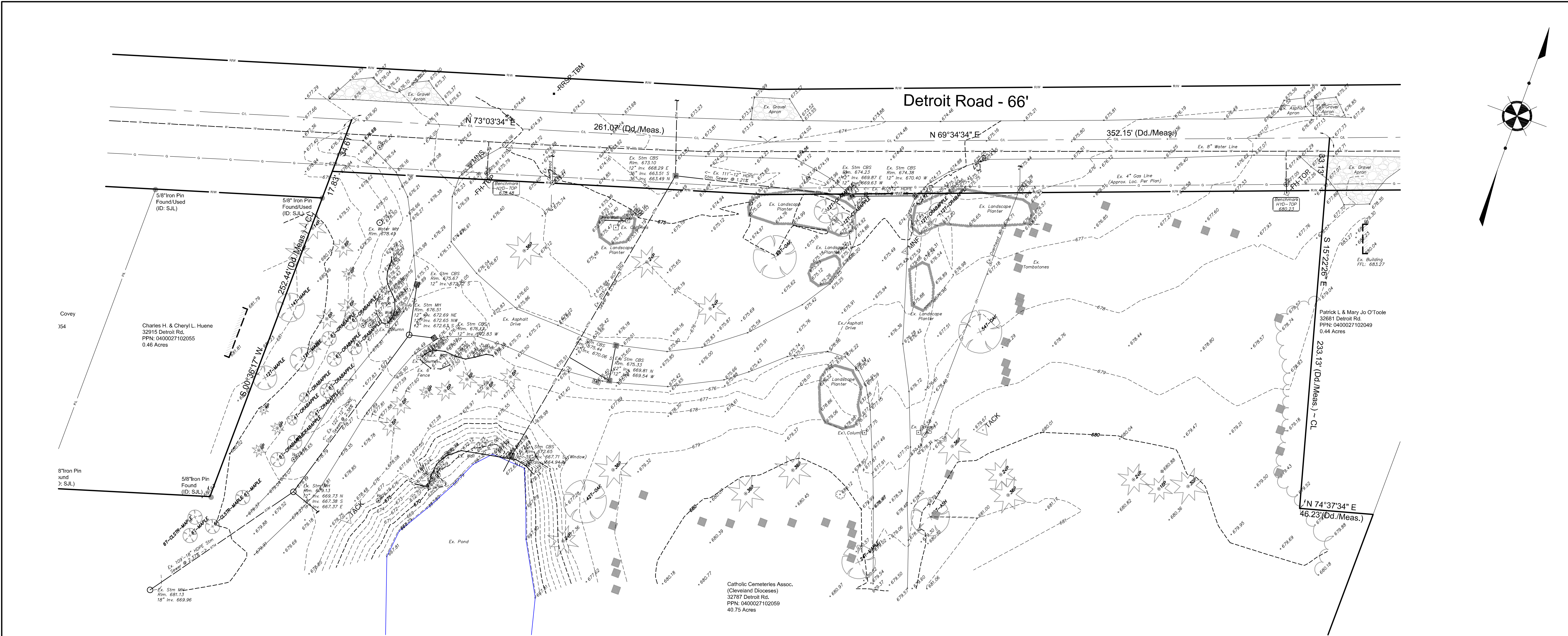
Charles W. Szucs
CHARLES W. SZUCS P.E. #56526

TITLE SHEET

CONTRACT No.

16110

SHEET	OF
1	6





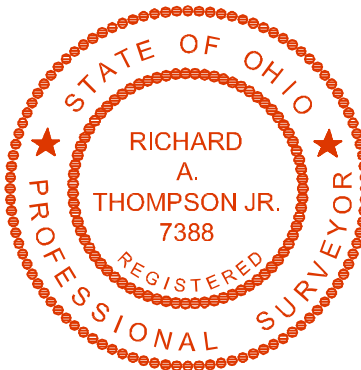
O.U.P.S. REFERENCE
A-618-B03-050

2 WORKING DAYS BEFORE YOU DIG CALL 8-1-1
OHIO UTILITIES PROTECTION SERVICE NON-MEMBERS
MUST BE CALLED DIRECT

EXISTING UNDERGROUND UTILITIES NOTE:
THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED HEREON. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED, WHERE PRACTICAL. HOWEVER, POLARIS ENGINEERING & SURVEYING, INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

NOTE: THIS SURVEY SUBJECT TO CHANGE UPON RECEIPT OF ANY ADDITIONAL AVAILABLE UNDERGROUND UTILITY INFORMATION.

SYMBOL LEGEND	Ex. Clean Out	Ex. Sanitary Manhole	Ex. Water Valve	Ex. Electrical Box	Ex. Tree	Ex. Monument Box
	Ex. Catch Basin	Prop. Sanitary Manhole	Ex. Water Meter	Ex. Guy Wire	Ex. Pine Tree	Power Transformer
	Prop. Catch Basin	Prop. Curb Inlet	Ex. Fire Hydrant	Ex. Power Pole	Ex. Bush	Sprinkler Control Box
	Ex. Yard Drain	Ex. Curb Inlet	Prop. Hydrant	Ex. Light Power Pole	Ex. Mailbox	Sprinkler Head
	Ex. Manhole	Ex. Gas Marker	Prop. WL Valve	Ex. Light Pole	Ex. Sign	Traffic Signal Pole
	Ex. Storm Manhole	Ex. Gas Meter	Well	Ex. Telephone Box	Ex. Telephone Box	Traffic Signal Box
	Prop. Storm Manhole	Ex. Gas Valve	Test Bore	Prop. Light Pole	Guard Post	

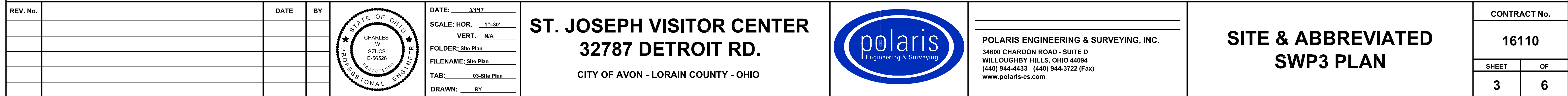


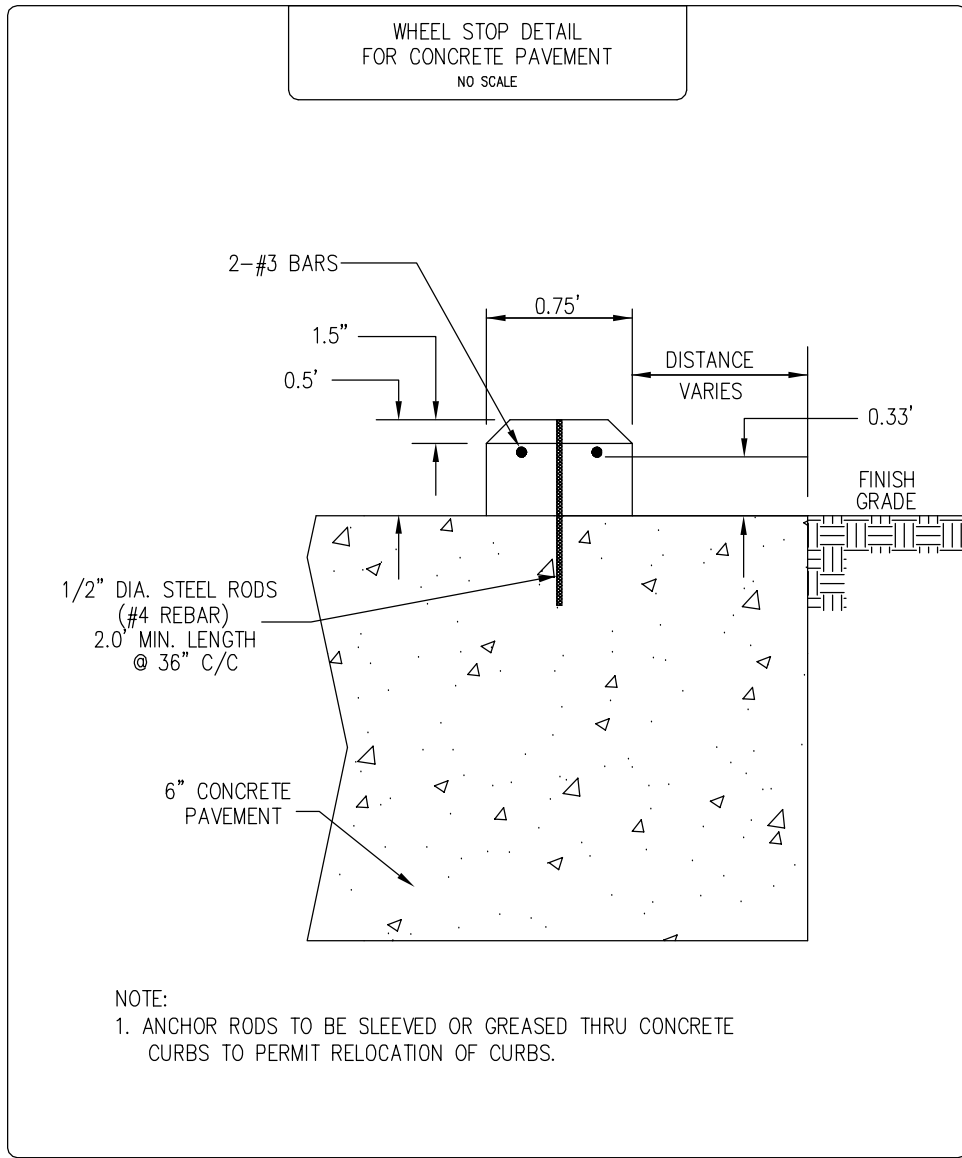
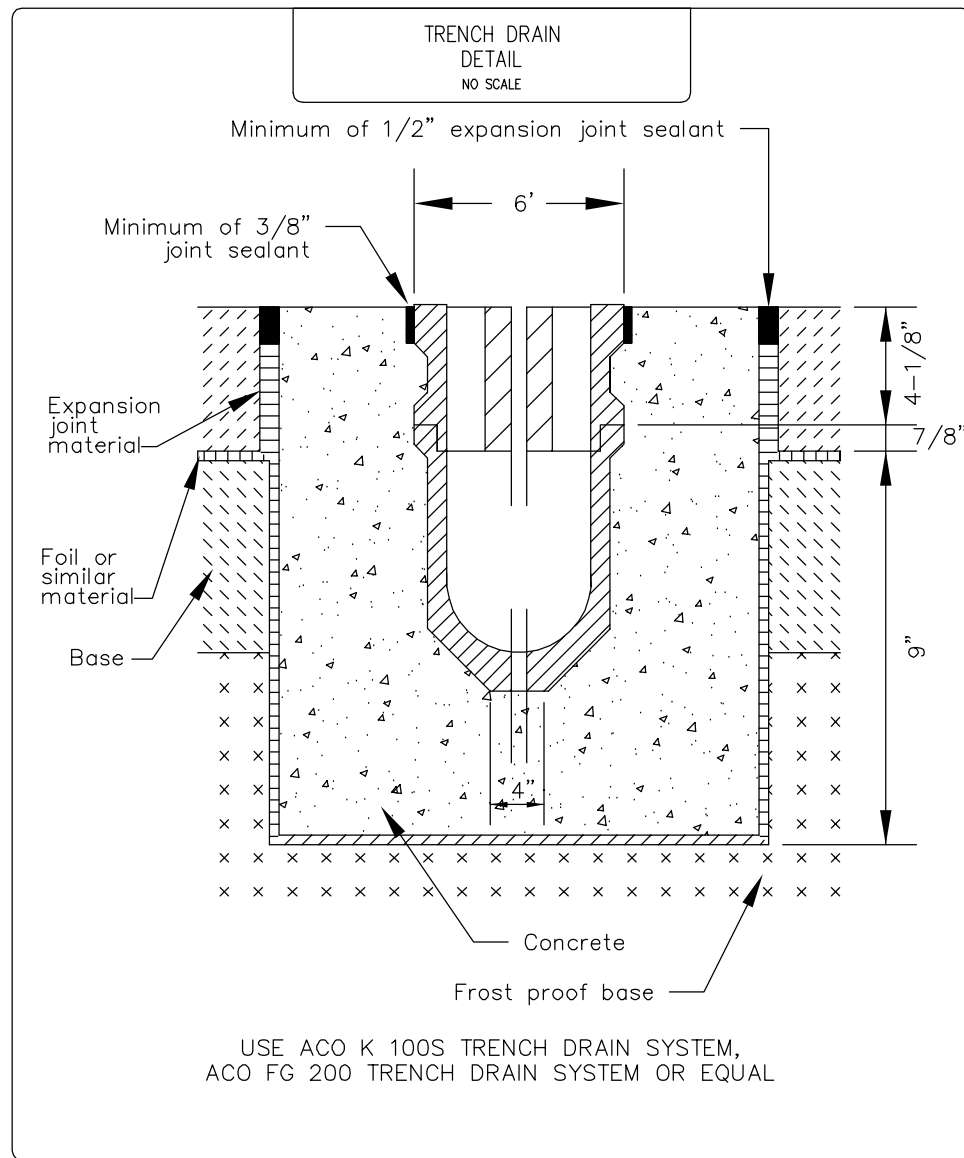
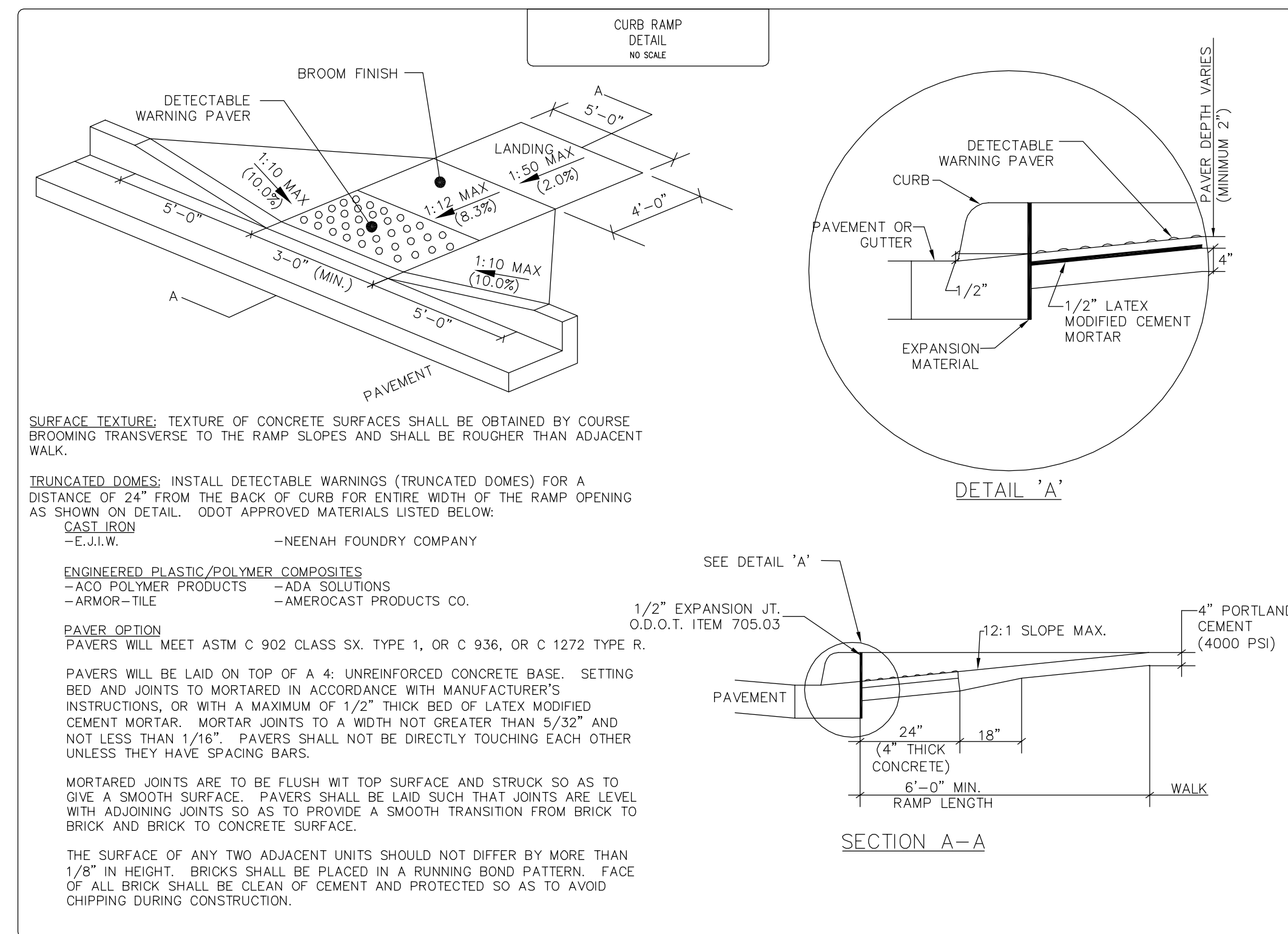
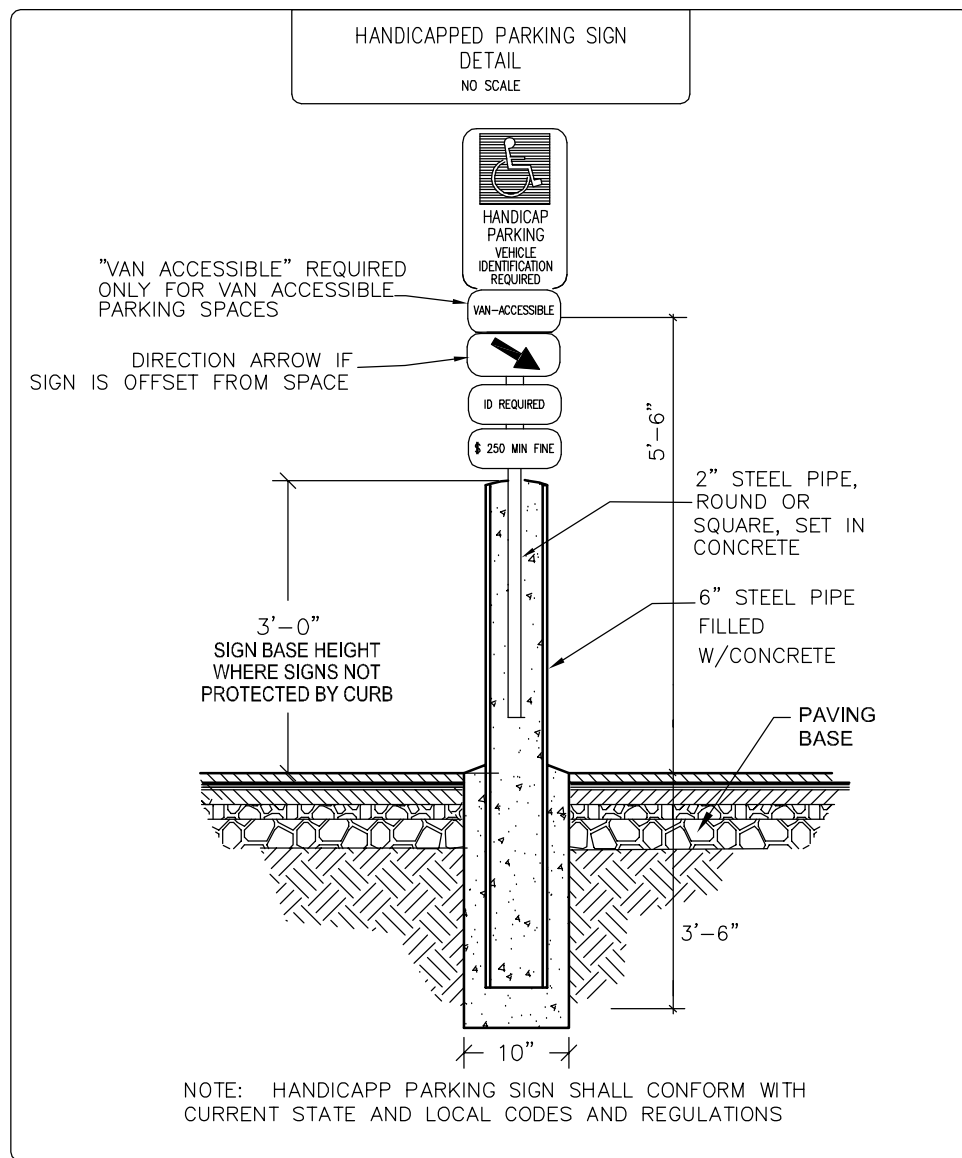
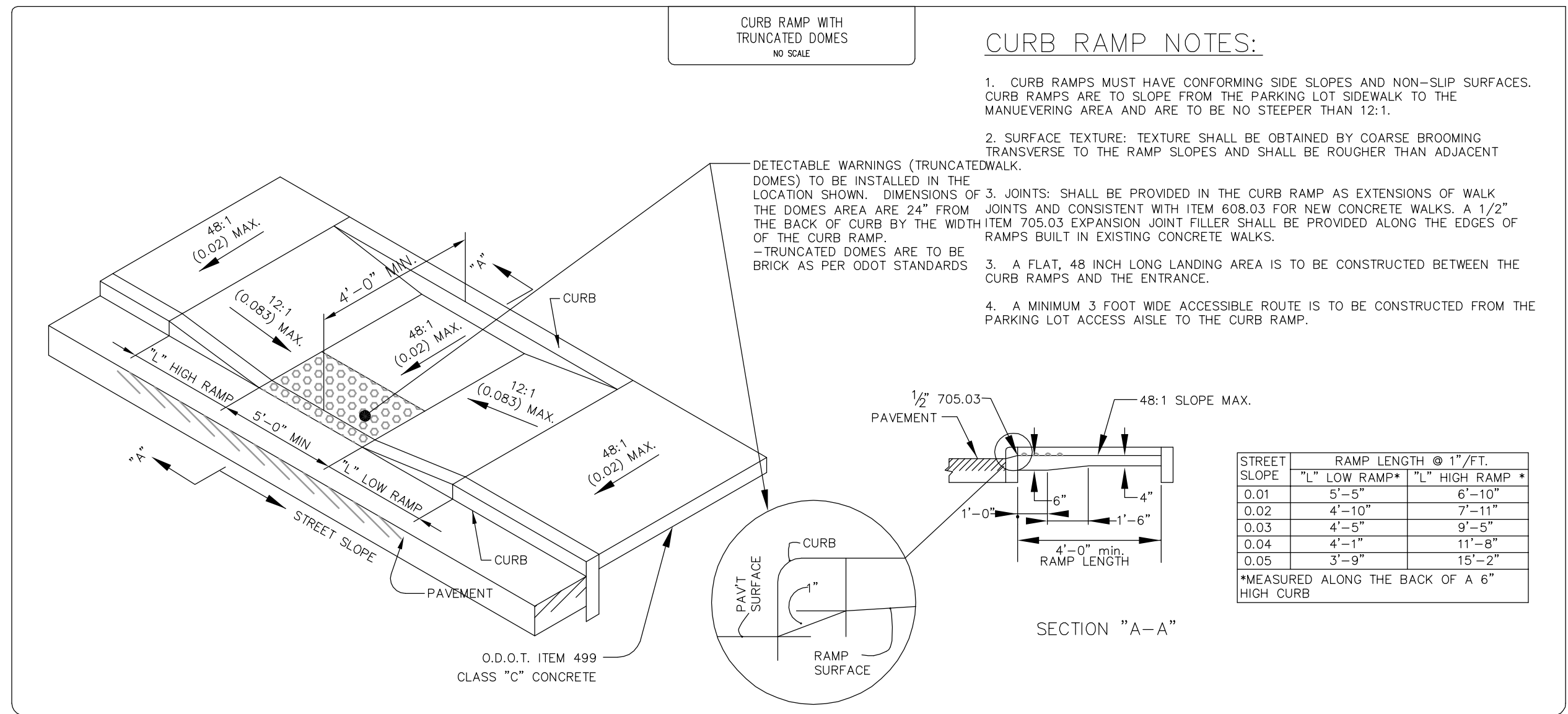
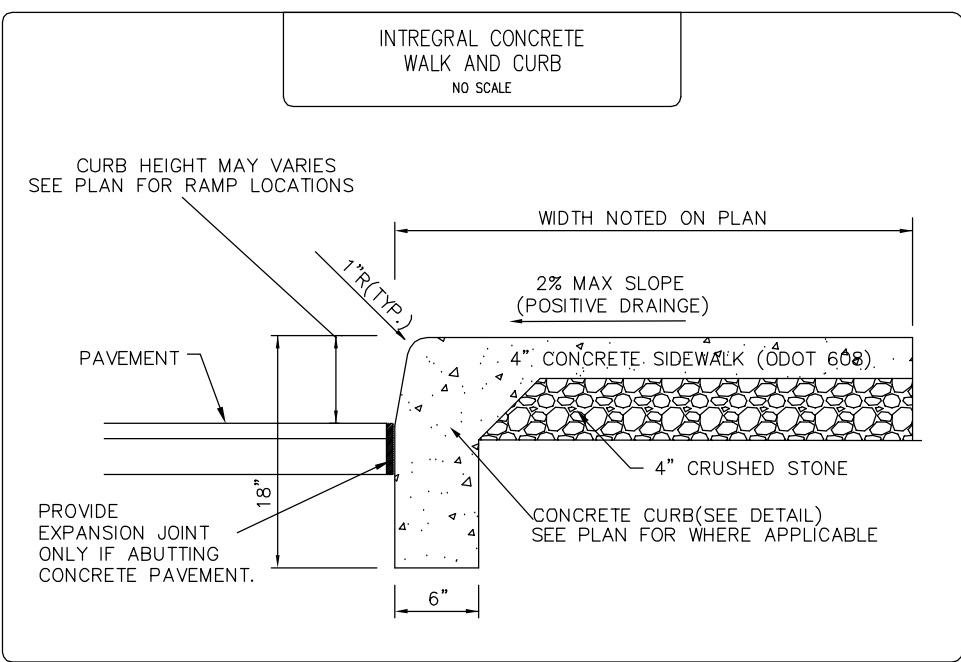
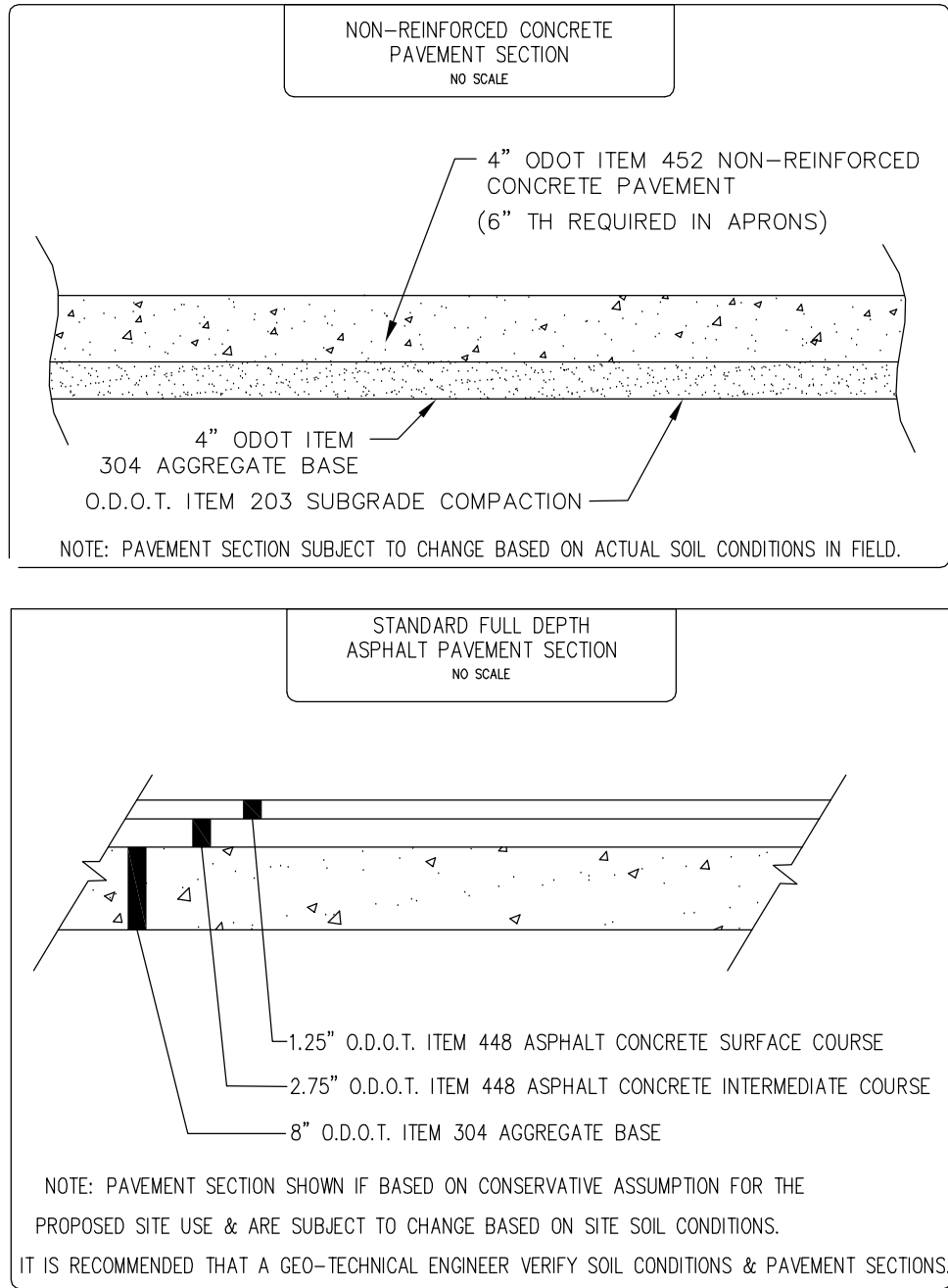
TOPOGRAPHIC CERTIFICATION:

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS TOPOGRAPHY, INDICATED BY 1' CONTOURS, AND ELEVATIONS SHOWN HEREON, REPRESENT AN ACTUAL FIELD SURVEY MADE BY ME ON THE 21st DAY OF JULY, 2016, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON. VERTICAL DATUM IS BASED ON NAVD88.

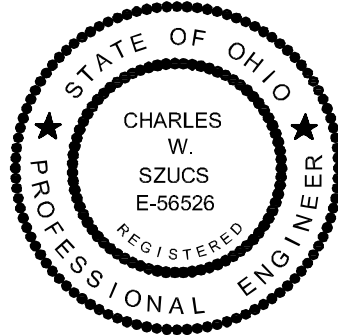
Richard A. Thompson Jr.
RICHARD A. THOMPSON, JR., P.S. #7388

REV. No.		DATE	BY		DATE: 2/27/17	ST. JOSEPH VISITOR CENTER 32787 DETROIT RD. CITY OF AVON - LORAIN COUNTY - OHIO		POLARIS ENGINEERING & SURVEYING, INC. 34600 CHARDON ROAD - SUITE D WILLOUGHBY HILLS, OHIO 44094 (440) 944-4433 (440) 944-3722 (Fax) www.polaris-es.com	EXISTING CONDITIONS PLAN	CONTRACT No.	
					16110						
					SHEET					OF	
					2					6	



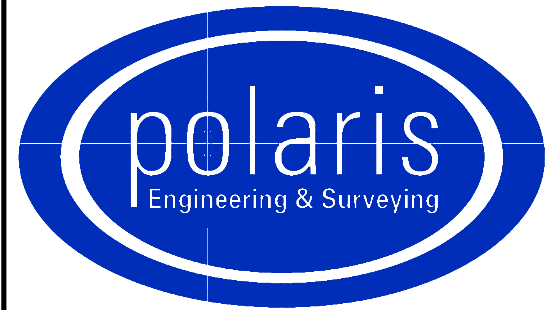


REV. No.	DATE	BY



DATE: 2/27/16
SCALE: HOR. N/A
VERT. N/A
FOLDER: Site Plan
FILENAME: Site Plan
TAB: 05-Project Details
DRAWN: RY

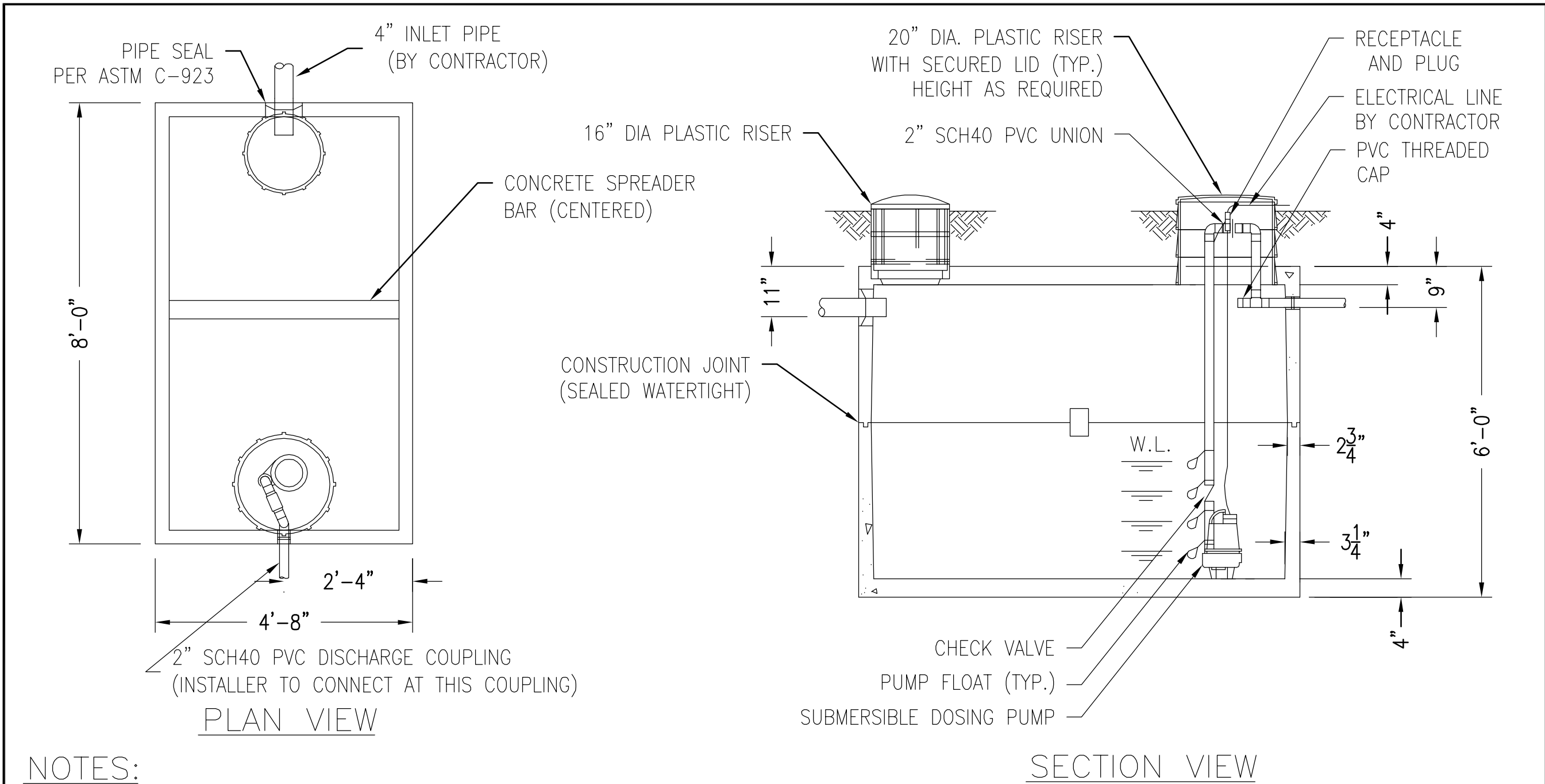
ST. JOSEPH VISITOR CENTER
32787 DETROIT RD.
CITY OF AVON - LORAIN COUNTY - OHIO



POLARIS ENGINEERING & SURVEYING, INC.
34600 CHARDON ROAD - SUITE D
WILLOUGHBY HILLS, OHIO 44094
(440) 944-4433 (440) 944-3722 (Fax)
www.polaris-es.com

DETAILS

CONTRACT No.	
16110	
SHEET	OF
5	6



NOTES:

1. REINFORCED PRECAST CONCRETE TO HAVE A COMPRESSIVE STRENGTH OF 5000 PSI @ 28 DAYS.
2. PRECAST CONCRETE TANK SHALL MEET OR EXCEED SPECIFICATIONS AS SET BY O.A.C. RULE 3701-293-11.
3. CONCRETE JOINT SEALANT CONFORMS TO ASTM C-990.
4. INLET AND DISCHARGE PIPE SEALS CONFORM TO ASTM C-923.
5. LABEL TOP OF TANK AS FOLLOWS:
MACK INDUSTRIES LOGO
500 GAL. TANK DOSING CAPACITY
DATE OF MANUFACTURE
MAXIMUM BURIAL DEPTH OF 2'-0"

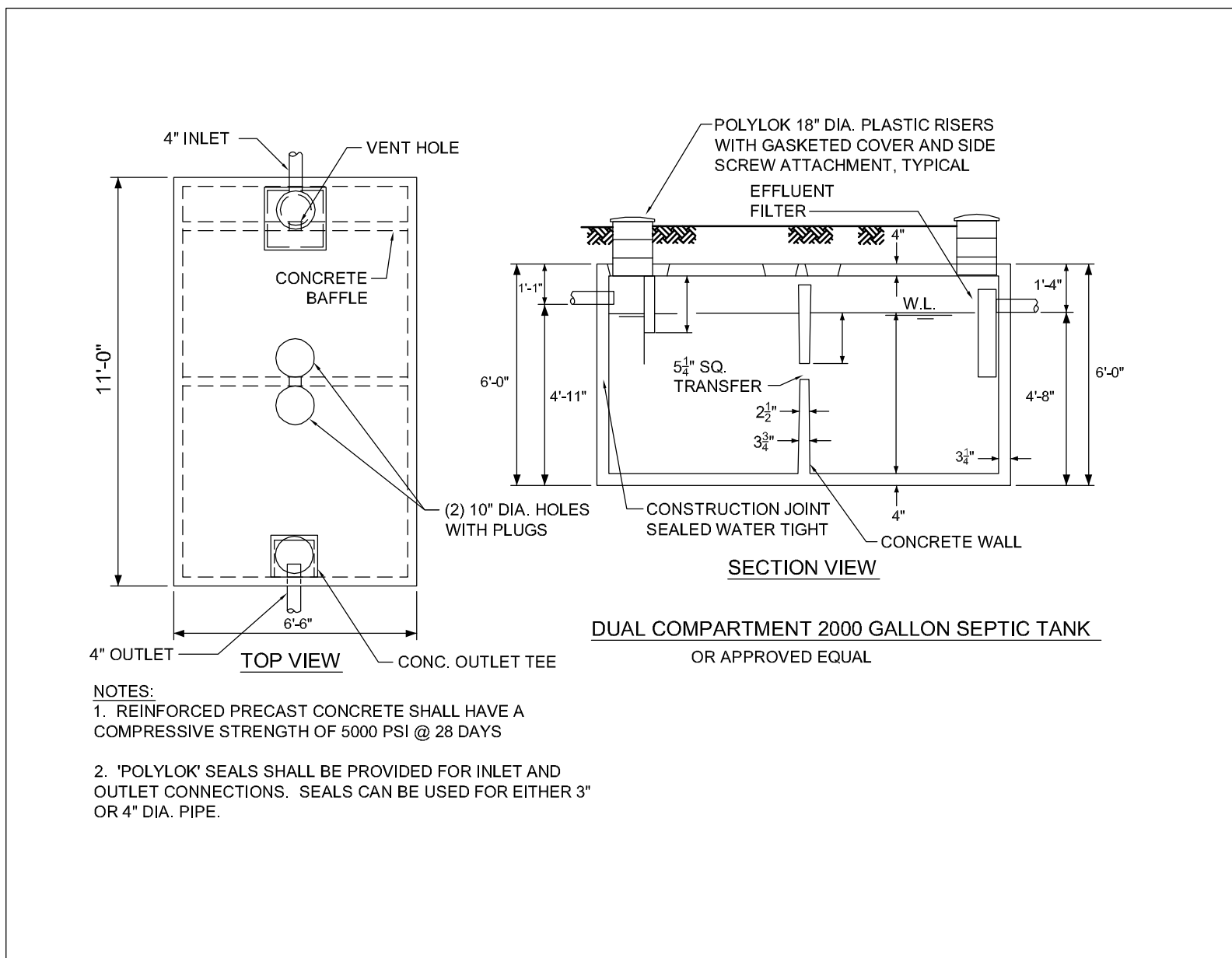
THIS DRAWING IS THE PROPERTY OF MACK INDUSTRIES, INC., AND IT OR THE TECHNOLOGY CONTAINED HEREIN MAY NOT BE REPRODUCED NOR USED EXCEPT AS ORIGINALLY INTENDED WITHOUT THE EXPRESSED CONSENT OF MACK INDUSTRIES, INC.

RESIDENTIAL DOSING TANK

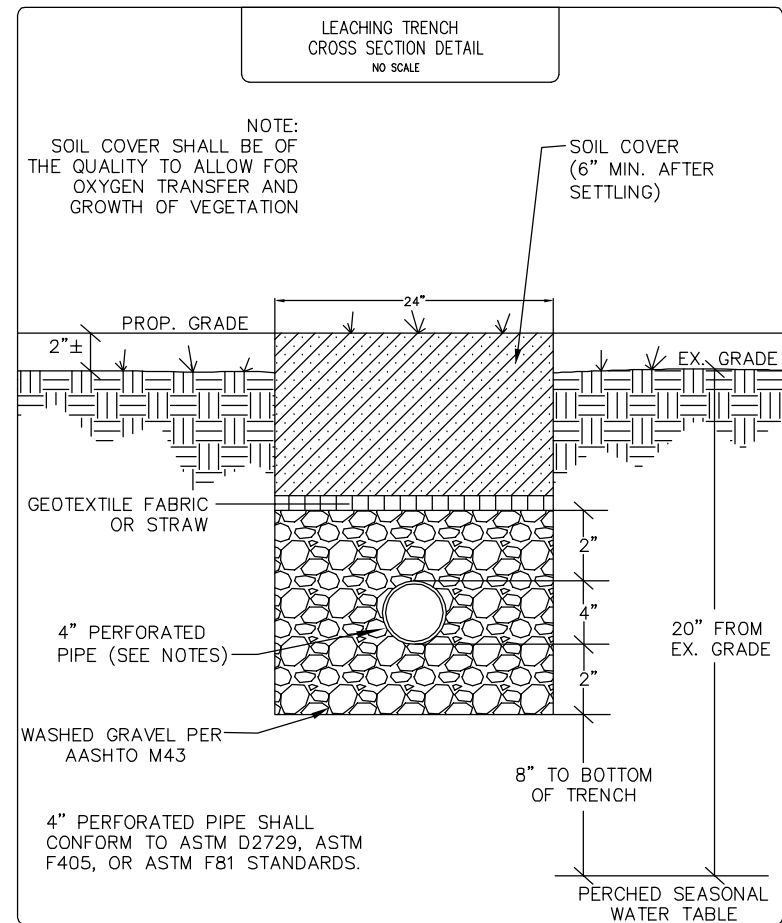
DRAWN BY: DWH	SCALE: 3/8"=1'-0"	DRAWING NO.:
DATE: 3-10-07	REV: 2) 6/26/07 CJ	RESDOSING
REV:1.) O.D.H. 2007 COMPLIANCE,O.A.C. RULE 3701-29-11		

MACK INDUSTRIES, INC.

201 COLUMBIA ROAD, VALLEY CITY, OHIO 44280 (216)483-3111



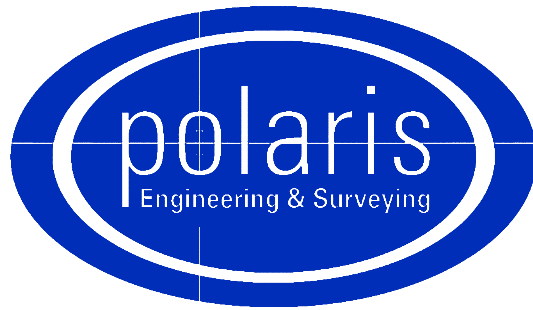
- NOTES:
1. REINFORCED PRECAST CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 5000 PSI @ 28 DAYS
 2. 'POLYLOK' SEALS SHALL BE PROVIDED FOR INLET AND OUTLET CONNECTIONS. SEALS CAN BE USED FOR EITHER 3" OR 4" DIA. PIPE.



LEACHING TRENCH OPERATION AND MAINTENANCE
(PER CHAPTER 3701-29-15, APPENDIX A, SECTION V)

A LEACHING TRENCH SYSTEM SHALL BE OPERATED , MAINTAINED AND MONITORED AS REQUIRED BY THE OPERATION PERMIT ISSUED BY THE BOARD OF HEALTH. FOR SEWAGE TREATMENT SYSTEMS WHERE A PRETREATMENT COMPONENT PRECEDES A LEACHING TRENCH, ANY SERVICE AGREEMENT FOR THE PRETREATMENT COMPONENT SHALL INLCUDE THE MAINTENANCE AND MONITORING OF ALL SYSTEM COMPONENTS. THE O&M OF A TRENCH SOIL ABSORPTION SYSTEM MAY INCLUDE BUT IS NOT LIMITED TO:

1. MONITORING THE LIQUID LEVEL OR CAPACITY OF THE LEACHING TRENCH SOIL ABSORPTION COMPONENT.
2. MANAGEMENT OF FLOW DIVERSION MECHANISMS FOR THE PURPOSE OF RESITING PORTIONS OF THE SOIL ABSORPTION AREA.
3. CHECKING FOR SURFACE WATER INFILTRATION OR CLEAR WATER FLOWS FROM THE DWELLING OR STRUCTURES INTO THE SYSTEM OR ONTO THE SOIL ABSORPTION AREA.
4. MONITORING FOR PROPER OPERATION OF MECHANICAL COMPONENTS AND/OR DISTRIBUTION METHODS AS APPLICABLE.
5. CHECKING SURFACE GRADE FOR VEGETATIVE COVER, EROSION OR SETTLING, AND ANY SEEPAGE IN THE AREA OF THE SOIL ABSORPTION COMPONENT.
6. ANY OTHER O&M REQUIREMENTS SPECIFIED BY THE MANUFACTURER OF THE SYSTEM.

REV. No.	DATE	BY	DATE: 2/27/17	SCALE: HOR. N/A	VERT. N/A	FOLDER: Site Plan	FILENAME: Site Plan	TAB: 06-Septic Details	DRAWN: RY	ST. JOSEPH VISITOR CENTER 32787 DETROIT RD. CITY OF AVON - LORAIN COUNTY - OHIO		POLARIS ENGINEERING & SURVEYING, INC. 34600 CHARDON ROAD - SUITE D WILLOUGHBY HILLS, OHIO 44094 (440) 944-4433 (440) 944-3722 (Fax) www.polaris-es.com	CONTRACT No. 16110	SHEET 6	OF 6
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