

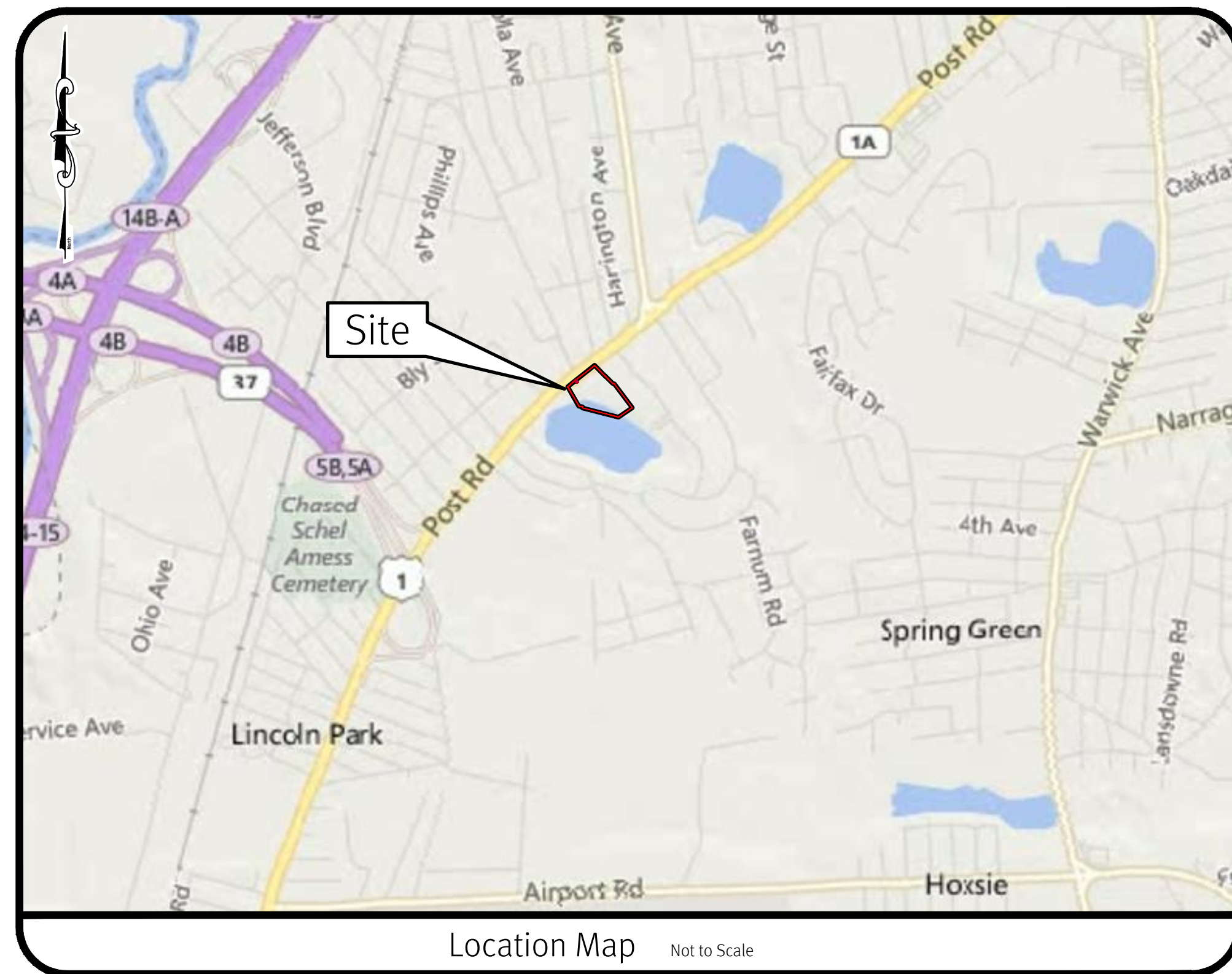
Preliminary Plan Submission

1160 Post Road

1160 Post Road

Warwick, Rhode Island 02888

Assessor's Plat 298 Lot 18



Sheet Index

1. Cover Sheet
2. Aerial Half Mile Radius Map
3. Notes & Legend Sheet
4. Boundary/Topographic Survey (16" x 22")
5. Soil Erosion & Control Plan
6. Overall Site Plan
7. Grading Plan
8. Utility Plan
9. Stormtech Detail Sheet
10. Detail Sheet

SESC / O&M

The Soil Erosion and Sediment Control Plan (SESC) and Operations and Maintenance Plan (O&M) are required documents with this plan set and must be maintained by the contractor and owner onsite.

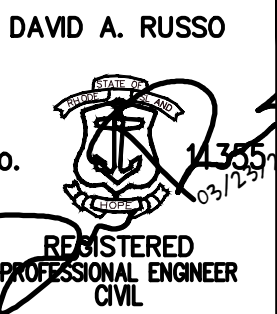
RIDOT

The Proposed Improvements Will Not Increase the Rate of Stormwater Runoff Onto the State Highway. All Work Within the State Right of Way Must Conform to the RI Standard Specifications, Details, and Addendums.

DiPrete Engineering

Two Stafford Court Cranston, RI 02920
tel 401-943-1000 fax 401-664-6006 www.diprete-eng.com

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No.	810
By:	DA
Design By:	DA, R
Drawn By:	MD, K
Date:	03/23/2020
Submission:	Preliminary Plan Submission
Description:	

Cover Sheet

1160 Post Road

Warwick, Rhode Island

Applicant: **PRW Holdings, LLC**

72 Essex Manor Lane, Saurnderstown, Rhode Island 02842
tel 401-935-9263
DE JOB No: 2321-001 Copyright: 2020 by DiPrete Engineering Associates, Inc.

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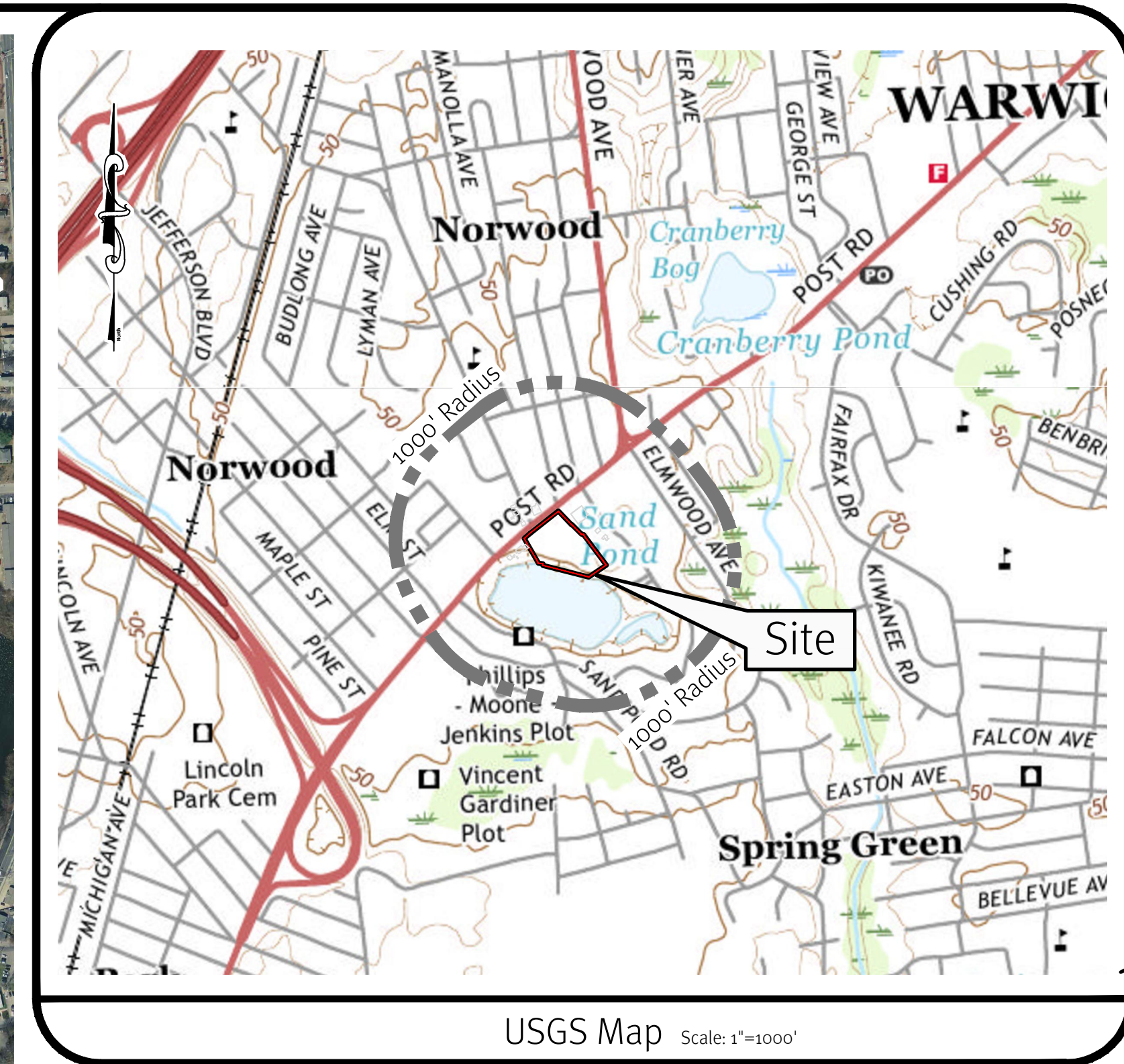
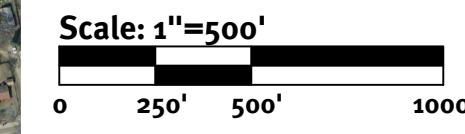


Photo Obtained from the ARCGIS 2008 Orthophotography.



Legend

- PROPERTY LINE
- HALF MILE RADIUS LINE
- 1000' RADIUS LINE



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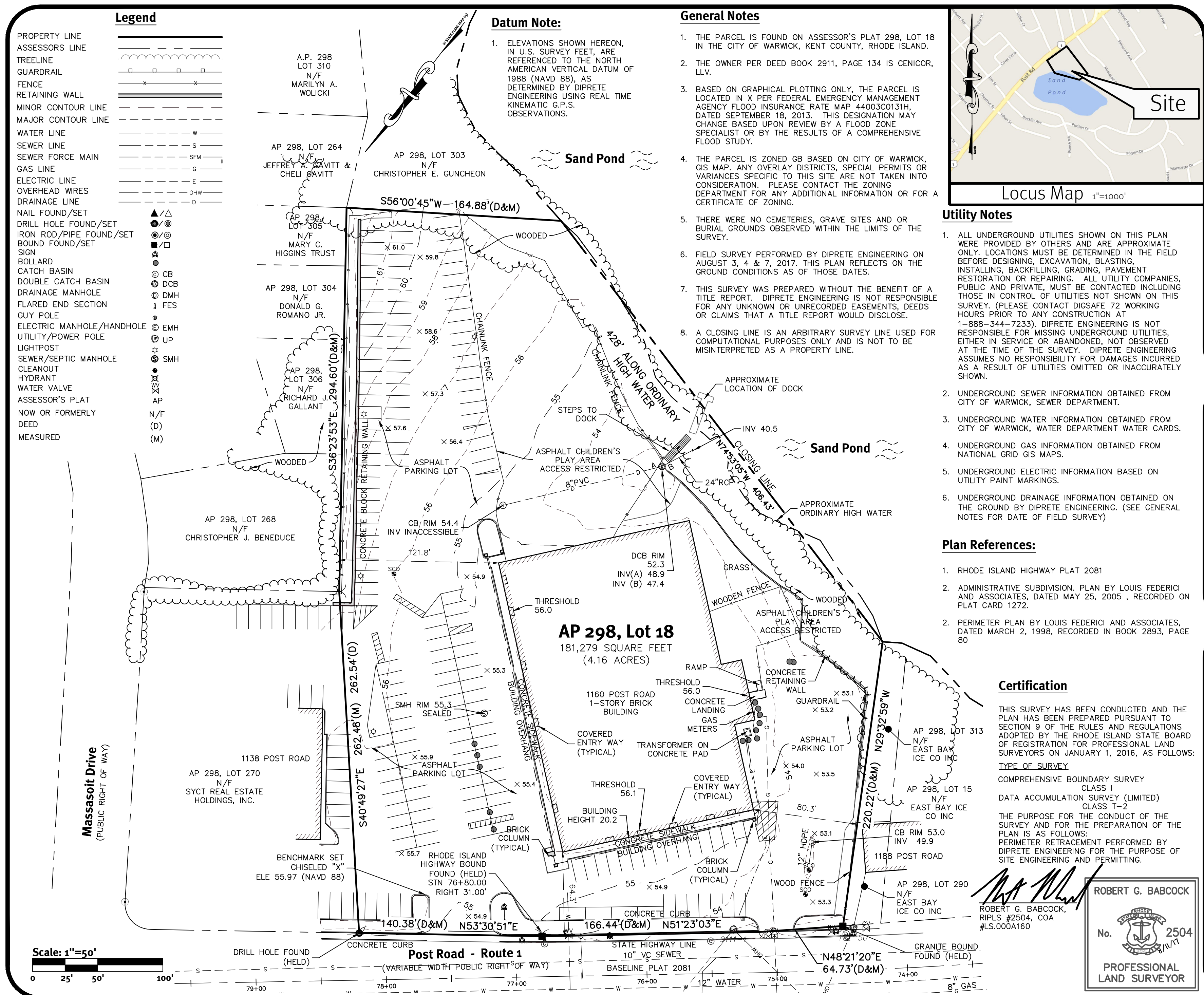
DAVID A. RUSSO
 No. 1435
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

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 The contractor is responsible for all of the means, methods, and performance in the implementation of this plan and design.

0	23/23/2020	Preparation, Plan Submission	N.D.K
1		Description	D.P.
2		Drawn By: N.D.K	Design By: D.A.R

Aerial Half Mile Radius Map
1160 Post Road
 Warwick, Rhode Island
 Applicant: **PRW Holdings, LLC**
 72 Essex Manor Lane, Saurderstown, Rhode Island 02842
 tel 401-935-9263
 DE JOB No: 2521-001 Copyright 2020 by DiPrete Engineering Associates, Inc.

\\estorage1\demain\projects\321-001_post_road_1160\unccad drawings\321-001-evco.dwg Plotted: 11/6/2019



Legend

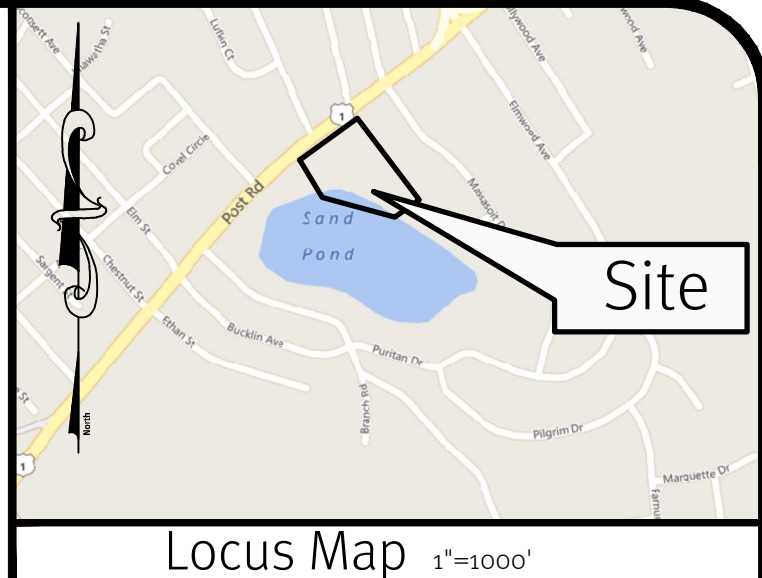
PROPERTY LINE	---
ASSESSOR'S LINE	---
TREELINE	---
GUARDRAIL	---
FENCE	---
RETAINING WALL	---
MINOR CONTOUR LINE	---
MAJOR CONTOUR LINE	---
WATER LINE	---
SEWER LINE	---
SEWER FORCE MAIN	---
GAS LINE	---
ELECTRIC LINE	---
OVERHEAD WIRES	---
DRAINAGE LINE	---
NAIL FOUND/SET	▲/△
DRILL HOLE FOUND/SET	●/⊙
IRON ROD/PIPE FOUND/SET	⊕/⊖
BOUND FOUND/SET	■/□
SIGN	⊙
BOLLARD	⊙
CATCH BASIN	⊙
DOUBLE CATCH BASIN	⊙
DRAINAGE MANHOLE	⊙
FLARED END SECTION	⊙
GUY POLE	⊙
ELECTRIC MANHOLE/HANDHOLE	⊙
UTILITY/POWER POLE	⊙
LIGHTPOST	⊙
SEWER/SEPTIC MANHOLE	⊙
CLEANOUT	⊙
HYDRANT	⊙
WATER VALVE	⊙
ASSESSOR'S PLAT	AP
NOW OR FORMERLY	N/F
DEED	(D)
MEASURED	(M)

Datum Note:

1. ELEVATIONS SHOWN HEREON, IN U.S. SURVEY FEET, ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), AS DETERMINED BY DIPRETE ENGINEERING USING REAL TIME KINEMATIC G.P.S. OBSERVATIONS.

General Notes

1. THE PARCEL IS FOUND ON ASSESSOR'S PLAT 298, LOT 18 IN THE CITY OF WARWICK, KENT COUNTY, RHODE ISLAND, LLV.
2. THE OWNER PER DEED BOOK 2911, PAGE 134 IS CENICOR, LLC.
3. BASED ON GRAPHICAL PLOTTING ONLY, THE PARCEL IS LOCATED IN X PER FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP 44003C0131H, DATED SEPTEMBER 18, 2013. THIS DESIGNATION MAY CHANGE BASED UPON REVIEW BY A FLOOD ZONE SPECIALIST OR BY THE RESULTS OF A COMPREHENSIVE FLOOD STUDY.
4. THE PARCEL IS ZONED CB BASED ON CITY OF WARWICK, GIS MAP. ANY OVERLAY DISTRICTS, SPECIAL PERMITS OR VARIANCES SPECIFIC TO THIS SITE ARE NOT TAKEN INTO CONSIDERATION. PLEASE CONTACT THE ZONING DEPARTMENT FOR ANY ADDITIONAL INFORMATION OR FOR A CERTIFICATE OF ZONING.
5. THERE WERE NO CEMETERIES, GRAVE SITES AND OR BURIAL GROUNDS OBSERVED WITHIN THE LIMITS OF THE SURVEY.
6. FIELD SURVEY PERFORMED BY DIPRETE ENGINEERING ON AUGUST 3, 4 & 7, 2017. THIS PLAN REFLECTS ON THE GROUND CONDITIONS AS OF THOSE DATES.
7. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT. DIPRETE ENGINEERING IS NOT RESPONSIBLE FOR ANY UNKNOWN OR UNRECORDED EASEMENTS, DEEDS OR CLAIMS THAT A TITLE REPORT WOULD DISCLOSE.
8. A CLOSING LINE IS AN ARBITRARY SURVEY LINE USED FOR COMPUTATIONAL PURPOSES ONLY AND IS NOT TO BE MISINTERPRETED AS A PROPERTY LINE.



Utility Notes

1. ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN WERE PROVIDED BY OTHERS AND ARE APPROXIMATE ONLY. LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATION, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS SURVEY. (PLEASE CONTACT DISA# 72 WORKING HOURS PRIOR TO ANY CONSTRUCTION AT 1-888-344-7233). DIPRETE ENGINEERING IS NOT RESPONSIBLE FOR MISSING UNDERGROUND UTILITIES, EITHER IN SERVICE OR ABANDONED, NOT OBSERVED AT THE TIME OF THE SURVEY. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN.
2. UNDERGROUND SEWER INFORMATION OBTAINED FROM CITY OF WARWICK, SEWER DEPARTMENT.
3. UNDERGROUND WATER INFORMATION OBTAINED FROM CITY OF WARWICK, WATER DEPARTMENT WATER CARDS.
4. UNDERGROUND GAS INFORMATION OBTAINED FROM NATIONAL GRID GIS MAPS.
5. UNDERGROUND ELECTRIC INFORMATION BASED ON UTILITY PAINT MARKINGS.
6. UNDERGROUND DRAINAGE INFORMATION OBTAINED ON THE GROUND BY DIPRETE ENGINEERING. (SEE GENERAL NOTES FOR DATE OF FIELD SURVEY)

Plan References:

1. RHODE ISLAND HIGHWAY PLAT 2081
2. ADMINISTRATIVE SUBDIVISION PLAN BY LOUIS FEDERICI AND ASSOCIATES, DATED MAY 25, 2005, RECORDED ON PLAT CARD 1272.
2. PERIMETER PLAN BY LOUIS FEDERICI AND ASSOCIATES, DATED MARCH 2, 1998, RECORDED IN BOOK 2893, PAGE 80

Certification

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON JANUARY 1, 2016, AS FOLLOWS:

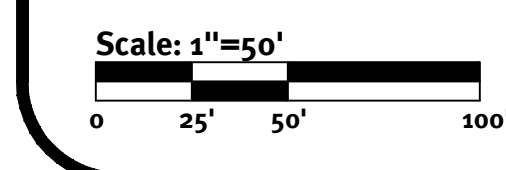
TYPE OF SURVEY
COMPREHENSIVE BOUNDARY SURVEY CLASS I

CLASSIFICATION
CLASS I-2

DATA ACCUMULATION SURVEY (LIMITED)

THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS:
PERIMETER RETRACEMENT PERFORMED BY DIPRETE ENGINEERING FOR THE PURPOSE OF SITE ENGINEERING AND PERMITTING.

Signature: ROBERT G. BABCOCK
No. 2504
PROFESSIONAL LAND SURVEYOR



DiPrete Engineering

Two Stafford Court Cranston, RI 02926
tel. 401-949-1000 fax. 401-464-6006 www.diprete-eng.com

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No.	Date	Description	By
1	8/03/17	Boundary/Cosmographic Survey	MTI

Drawn By: MTI

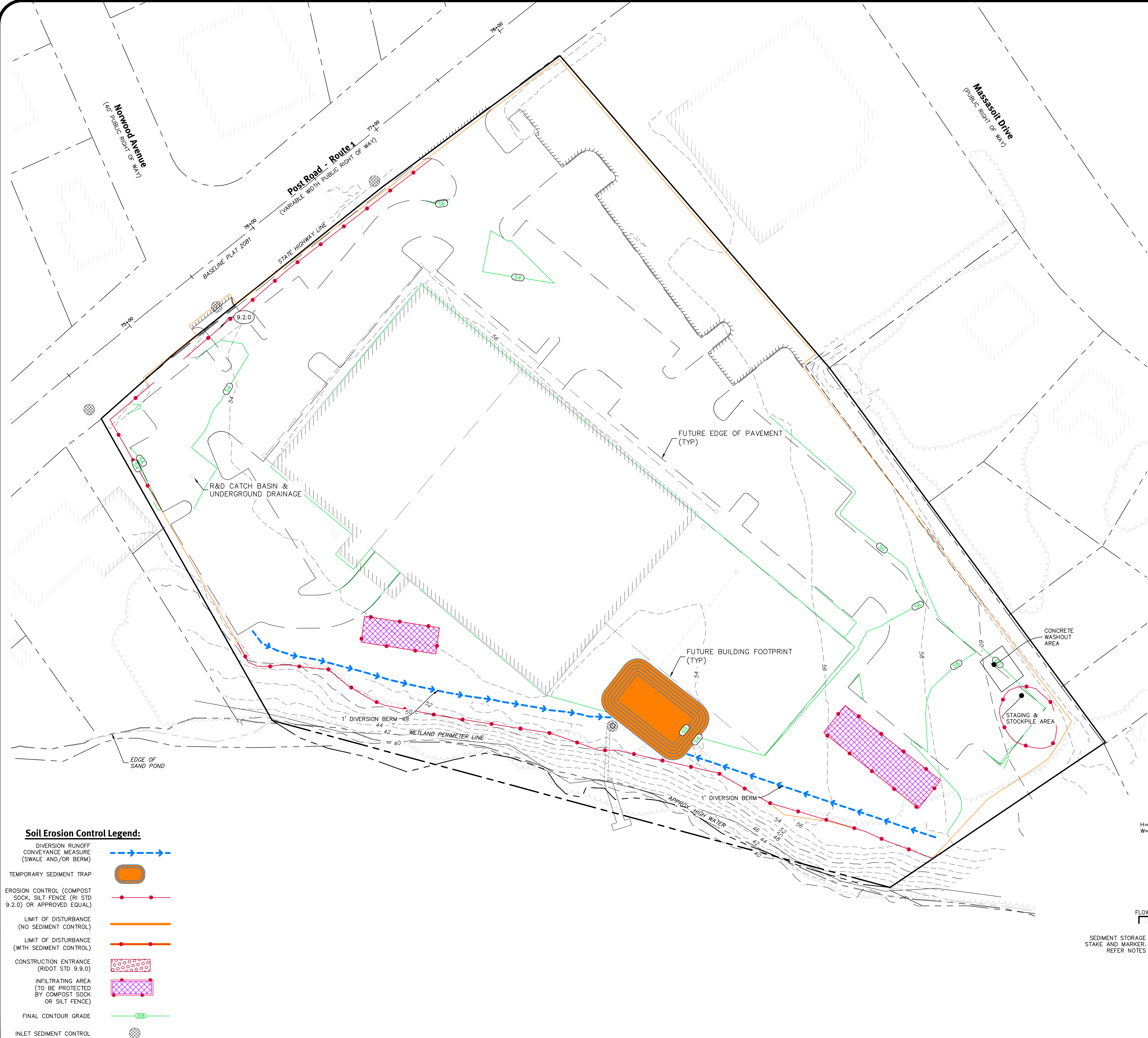
Boundary/Topographic Survey

1160 Post Road
Warwick, Rhode Island

PRW Holdings, LLC
72 Essex Main St
Saunderstown, RI 02882

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SHEET 4 OF 10



- Soil Erosion Control Legend:**
- DIVERSION RUNOFF CONVEYANCE MEASURE (SWALE AND/OR BERM)
 - TEMPORARY SEDIMENT TRAP
 - EROSION CONTROL (COMPOST SOCK, SILT FENCE (RI STD 9.2.0) OR APPROVED EQUAL)
 - LIMIT OF DISTURBANCE (NO SEDIMENT CONTROL)
 - LIMIT OF DISTURBANCE (WITH SEDIMENT CONTROL)
 - CONSTRUCTION ENTRANCE (RIDOT STD 9.9.0)
 - INFILTRATING AREA (TO BE PROTECTED BY COMPOST SOCK OR SILT FENCE)
 - FINAL CONTOUR GRADE
 - INLET SEDIMENT CONTROL

Sediment Trap Notes:

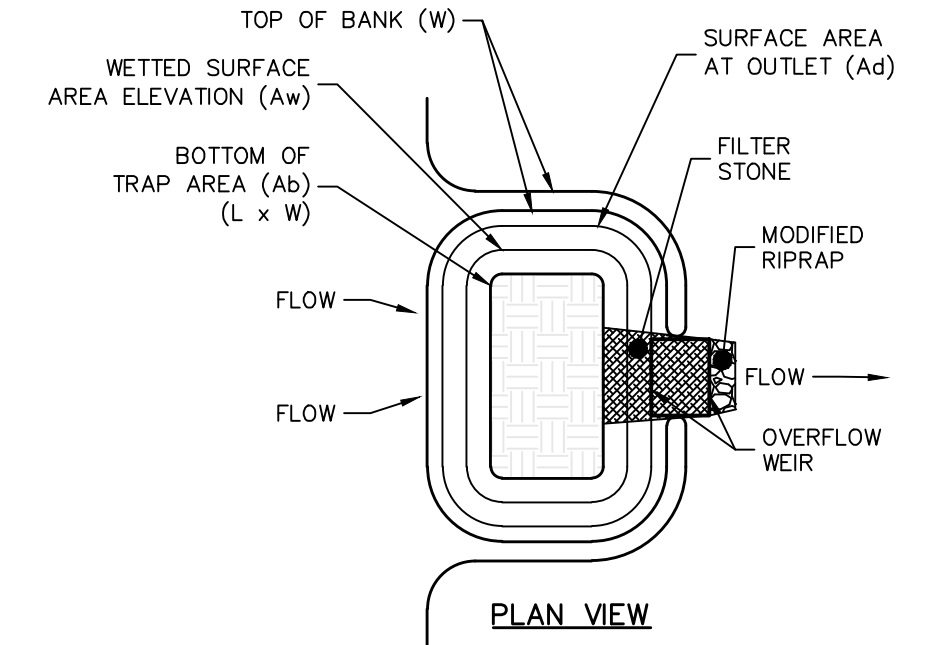
1. THE TEMPORARY SEDIMENT TRAP SHALL MEET ALL REQUIREMENTS FOR TEMPORARY SEDIMENT TRAPS OUTLINED IN THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK (LATEST REVISION) SECTION SIX: SEDIMENT CONTROL MEASURES
2. THE TEMPORARY SEDIMENT TRAP SHALL HAVE AN INITIAL STORAGE VOLUME OF 134 CUBIC YARDS PER ACRE OF DRAINAGE AREA.
3. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER EXCEPT FOR THE EXCAVATED WET STORAGE AREA WHERE SLOPES SHALL NOT EXCEED 1.5:1.
4. THE OUTLET SHALL BE LOCATED AT THE MOST DISTANT HYDRAULIC POINT FROM THE INLET.
5. THE OUTLET CONSISTS OF A PERVIOUS STONE DIKE WITH A CORE OF MODIFIED RIPRAP AND FACED ON THE UPSTREAM SIDE WITH STONE.
6. TEMPORARY SEDIMENT TRAPS MUST OUTLET ONTO STABILIZED GROUND.
7. MAXIMUM HEIGHT OF A TEMPORARY SEDIMENT TRAP EMBANKMENT IS LIMITED TO 5 FEET.
8. SIDE SLOPES OF THE EMBANKMENT SHALL BE 2:1 OR FLATTER.
9. MODIFIED RIPRAP: SHALL MEET THE REQUIREMENTS OF RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION M.10.03.2.
10. FILTER STONE: SHALL MEET THE REQUIREMENTS OF RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION M.01.03 TABLE I, COLUMN V FILTER STONE.

Sediment Trap Inspection, Maintenance, and Removal Requirements:

1. INSTALL "SEDIMENT STORAGE" STAKE WITH A MARKER AT ONE HALF OF THE WET STORAGE VOLUME.
2. INSPECT THE TEMPORARY SEDIMENT TRAP AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.25 INCH OR GREATER.
3. CHECK THE OUTLET TO ENSURE THAT IT IS STRUCTURALLY SOUND AND HAS NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT.
4. CHECK FOR SEDIMENT ACCUMULATION AND FILTRATION PERFORMANCE.
5. WHEN SEDIMENTS HAVE ACCUMULATED TO ONE HALF THE MINIMUM REQUIRED VOLUME OF THE WET STORAGE, DEWATER THE TRAP AS NEEDED, REMOVE SEDIMENTS AND RESTORE THE TRAP TO ITS ORIGINAL DIMENSIONS.
6. DISPOSE OF THE SEDIMENT REMOVED FROM THE BASIN IN A SUITABLE AREA.
7. THE TEMPORARY SEDIMENT TRAP MAY BE REMOVED AFTER THE CONTRIBUTING DRAINAGE AREA IS STABILIZED.

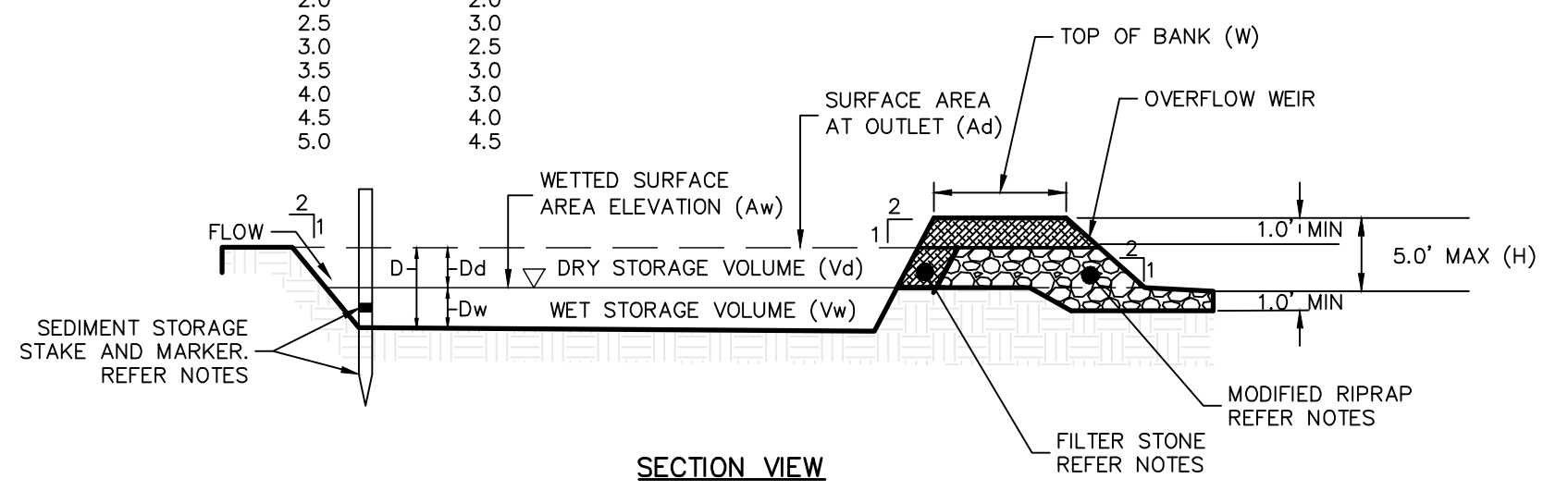
Sediment Trap Installation Notes:

1. CLEAR, GRUB AND STRIP ANY VEGETATION AND ROOT MAT FROM ANY PROPOSED EMBANKMENT AND OUTLET AREA.
2. REMOVE STONES AND ROCKS WHOSE DIAMETER IS GREATER THAN THREE (3) INCHES AND OTHER DEBRIS.
3. EXCAVATE WET STORAGE AND CONSTRUCT THE EMBANKMENT AND/OR OUTLET AS NEEDED TO ATTAIN THE NECESSARY STORAGE REQUIREMENTS.
4. USE ONLY FILL MATERIAL FOR THE EMBANKMENT THAT IS FREE FROM EXCESSIVE ORGANICS, DEBRIS, LARGE ROCKS (OVER SIX (6) INCHES) OR OTHER UNSUITABLE MATERIALS. COMPACT THE EMBANKMENT IN 9-INCH LAYERS BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
5. STABILIZE THE EARTHEN EMBANKMENT USING ANY OF THE FOLLOWING MEASURES: SEEDING FOR TEMPORARY VEGETATION COVER; SEEDING FOR PERMANENT VEGETATIVE COVER; OR SLOPE PROTECTION, IMMEDIATELY AFTER INSTALLATION.

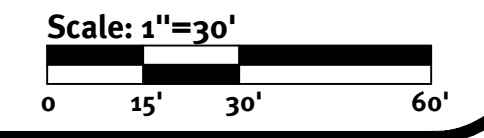


SEDIMENT TRAP DIMENSIONS	TRAP A
TRIBUTARY DRAINAGE AREA	2.36 ac
WET STORAGE DEPTH (Dw)	3.00 ft
DRY STORAGE DEPTH (Dd)	2.00 ft
TOTAL DEPTH (D)	5.00 ft
BOTTOM OF TRAP AREA (Ab)	956.00 sq.ft
WETTED SURFACE AREA (Aw)	1,862.00 sq.ft
SURFACE AREA AT OUTLET (Ad)	2,214.00 sq.ft

TOP WIDTH VS. HEIGHT	
H=HEIGHT OF EMBANKMENT	W=TOP WIDTH OF EMBANKMENT
1.5 (ft)	2.0
2.0	3.0
2.5	3.0
3.0	2.5
3.5	3.0
4.0	3.0
4.5	4.0
5.0	4.5



SECTION VIEW
Temporary Sediment Trap Detail
NOT TO SCALE



Note: This Plan Must Be Reproduced In Color

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Two Stafford Court Cranston, RI 02920
tel 401-943-1000 fax 401-641-6006 www.diprete-eng.com

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DAVID A. RUSSO
No. 1335
REGISTERED PROFESSIONAL ENGINEER CIVIL

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No.	Date	Description	By:	Check:
0	03/23/2020	Final Plan Submission	Design By: D.A.R.	Drawn By: N.D.K.

Soil Erosion & Control Plan
1160 Post Road
Warrick, Rhode Island

PRW Holdings, LLC
72 Essex Manor Lane, Saurddestown, Rhode Island 02842
tel 401-935-9263

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SHEET **5** OF 10

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Dimensional Regulations:

	REQUIRED	PROVIDED
CURRENT ZONING:	GB	
MINIMUM LOT AREA:	6,000 SF	182,429 SF
MINIMUM FRONT YARD:	60'	231.2'
MINIMUM SIDE YARD:	25'	63.8'
MINIMUM REAR YARD:	15'	60'
MINIMUM STRUCTURE HEIGHT:	20'	115.5'
MINIMUM LANDSCAPED OPEN SPACE:	40'	
	10%	

Parking Regulations:

PARKING USE:	RETAIL
PARKING REQUIREMENT:	1 SPACE PER 200 SF
BUILDING SQUARE FOOTAGE:	12,650 SF
REQUIRED PARKING CALCULATIONS:	12,650 X 1/200 = 64 SPACES
PARKING USE:	STORAGE
PARKING REQUIREMENT:	1 SPACE PER 500 SF
BUILDING SQUARE FOOTAGE:	33,338 SF
REQUIRED PARKING CALCULATIONS:	33,338 X 1/500 = 67 SPACES
TOTAL PARKING SPACES REQUIRED:	131 SPACES
PER ZONING APPROVAL ON AUGUST 14, 2019	
TOTAL PARKING SPACES PROVIDED:	136 SPACES*

*PER PETITION #10592 IN BOOK: 9331 PG: 29 THE ZONING BOARD REQUESTED THE REDUCTION OF 20 ADDITIONAL SPACES REDUCING TOTAL PROVIDED FROM 131 TO 116 SPACES.

TOTAL PARKING SPACES PROVIDED: 116 SPACES
 ADA PARKING REQUIREMENT: 5 SPACES
 ADA PARKING INCLUDED IN TOTAL SPACES: 5 SPACES

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 No. 1435
 REGISTERED PROFESSIONAL ENGINEER CIVIL

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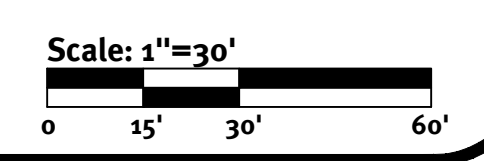
No.	Date	Description	Prepared By	Checked By	Design By
0	03/23/2020	Final Submission			D.A.R.
1					
2					

Overall Site Plan
1160 Post Road
 Warwick, Rhode Island

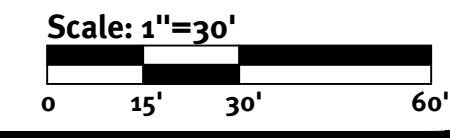
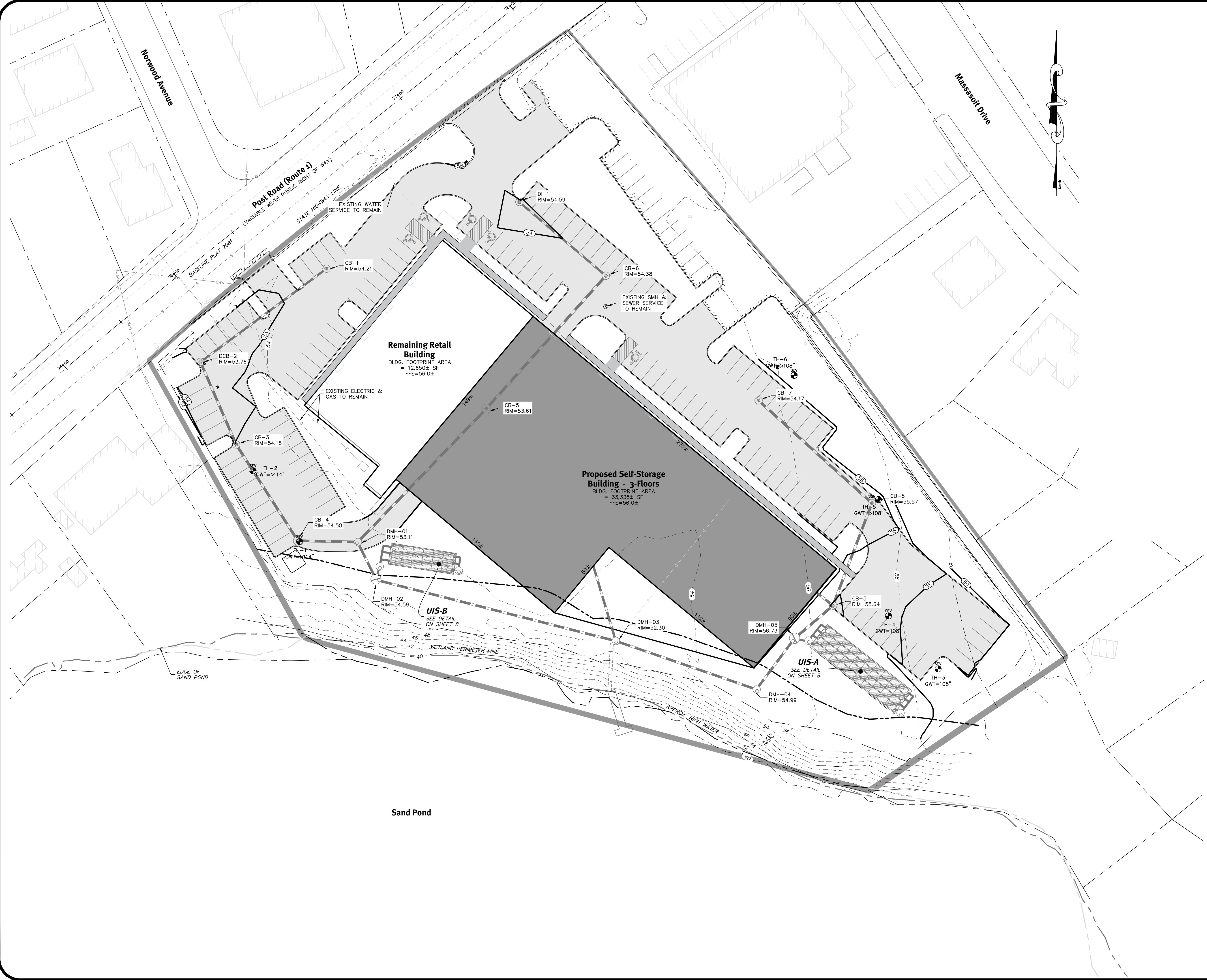
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 72 Essex Manor Lane, Saurdinstown, Rhode Island 02842
 tel 401-935-9263

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SHEET **6** OF 10



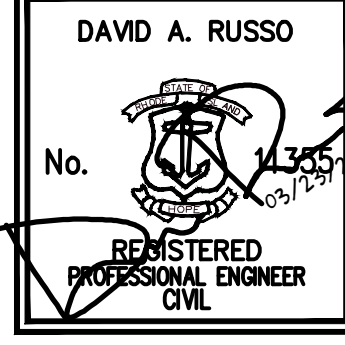
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Grading Plan
1160 Post Road
 Warwick, Rhode Island

Client
PRW Holdings, LLC
 72 Essex Manor Lane, Saurnderstown, Rhode Island 02842
 Tel: 401-935-9263

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DAVID A. RUSSO

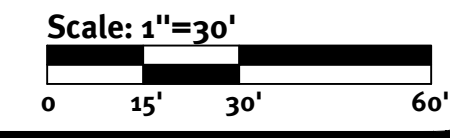
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No.	Date	Description	Drawn By: N.D.K.	Design By: D.A.R.
0	03/23/2020	Preparation, Plan Submission		

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Utility Plan
1160 Post Road
 Warwick, Rhode Island

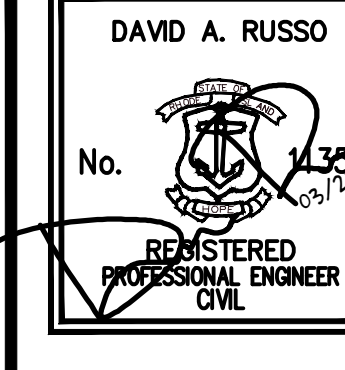
Client
PRW Holdings, LLC
 72 Essex Manor Lane, Saurnderstown, Rhode Island 02842
 Tel: 401-925-9263

Drawn By: NDK
 Design By: D.A.R.

No.	Date	Description	By:	CHK:
0	03/23/2020	Preliminary Submission		

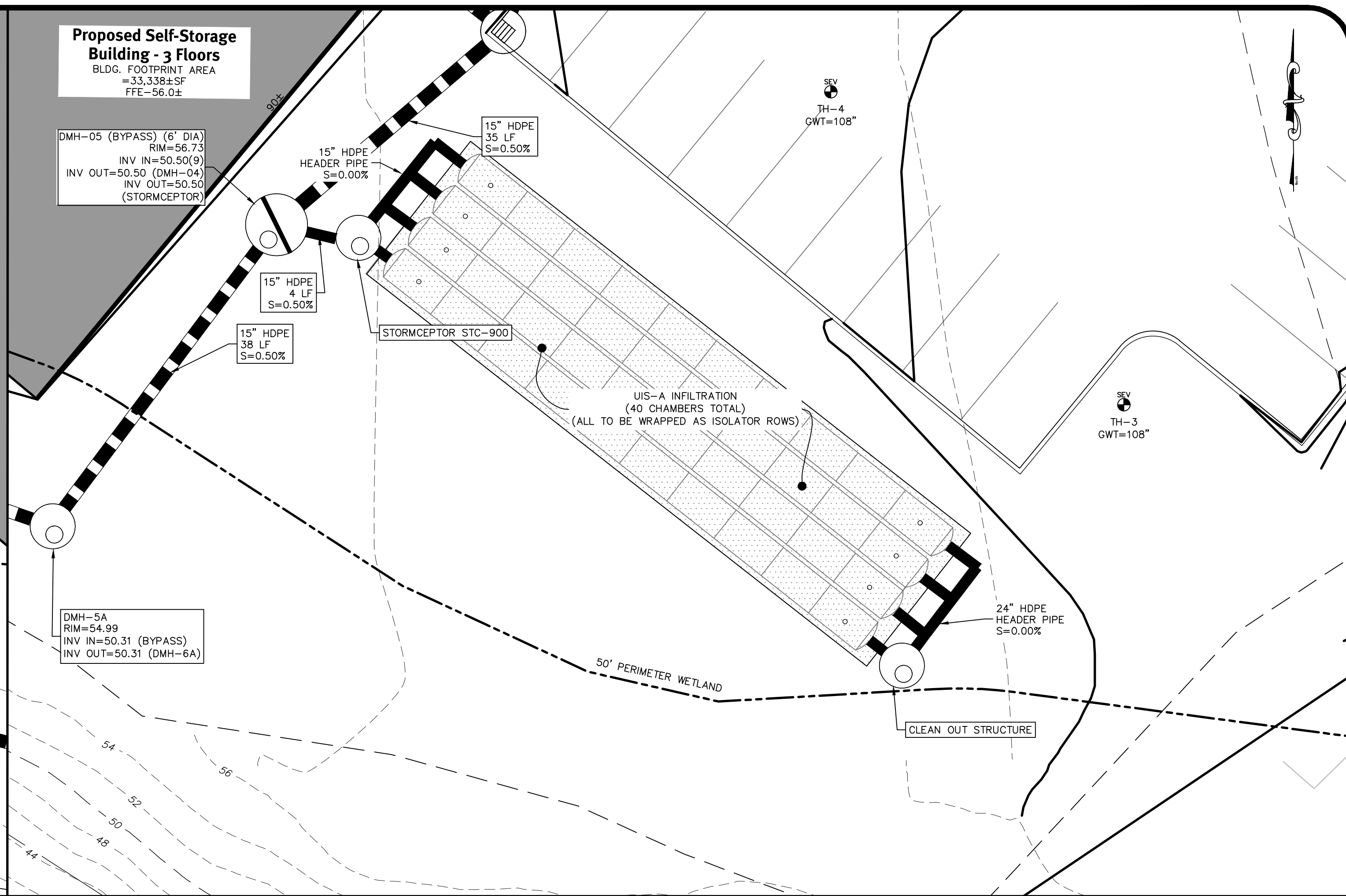
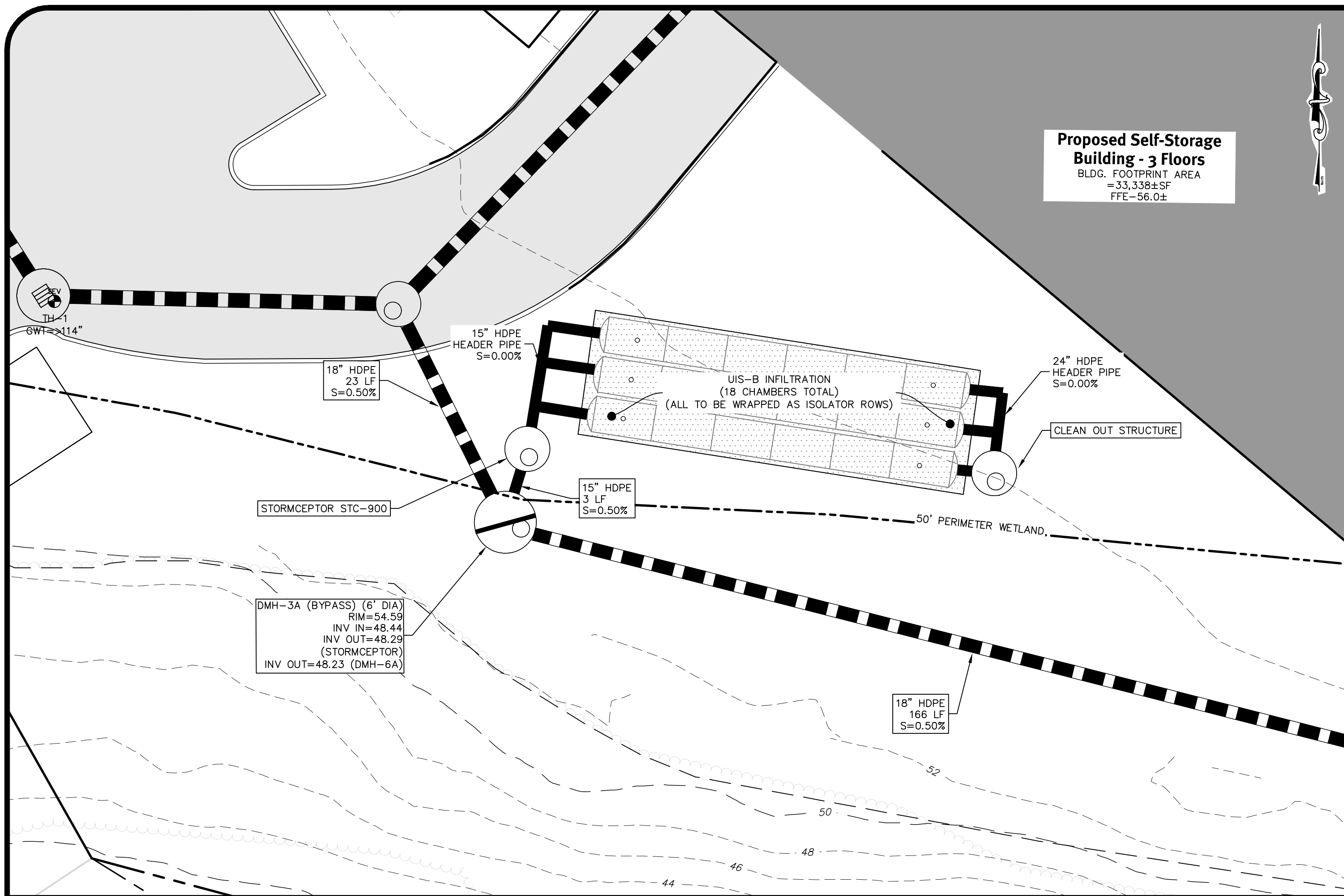
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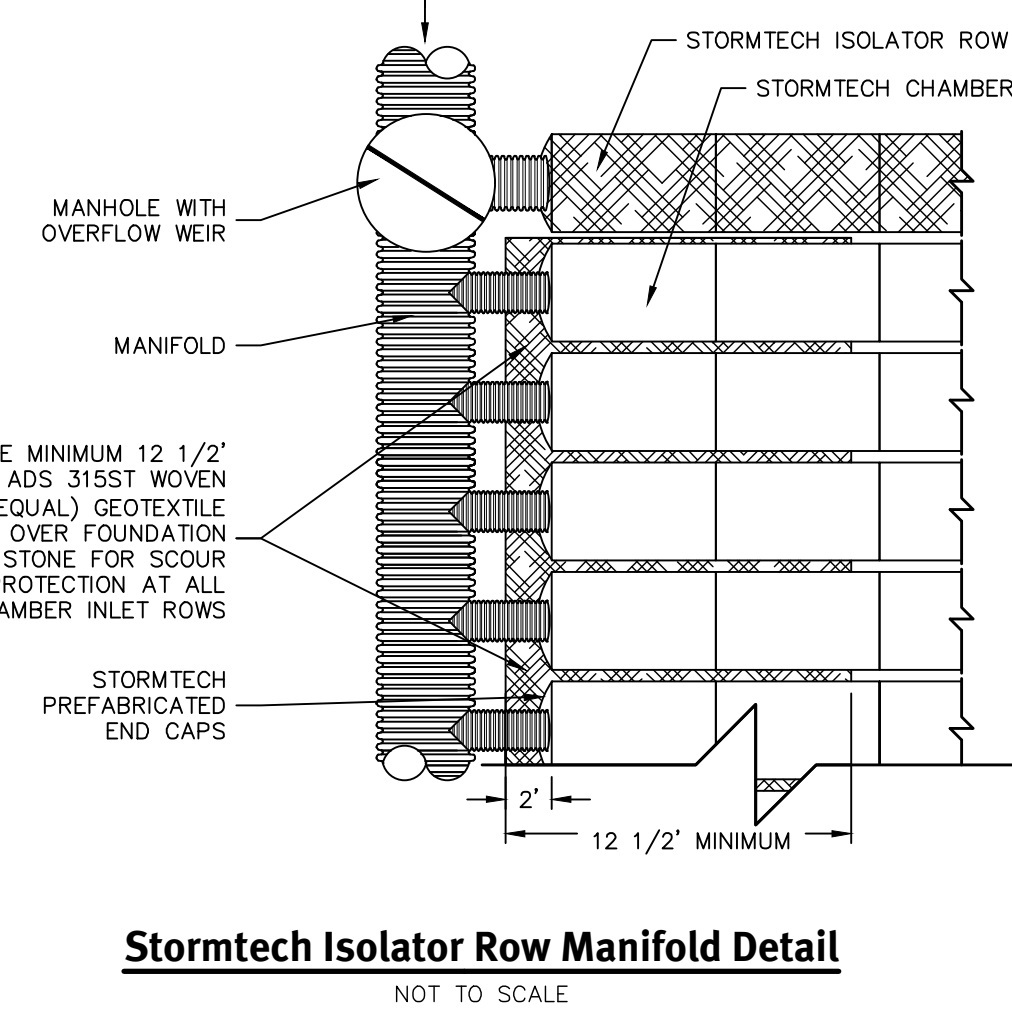
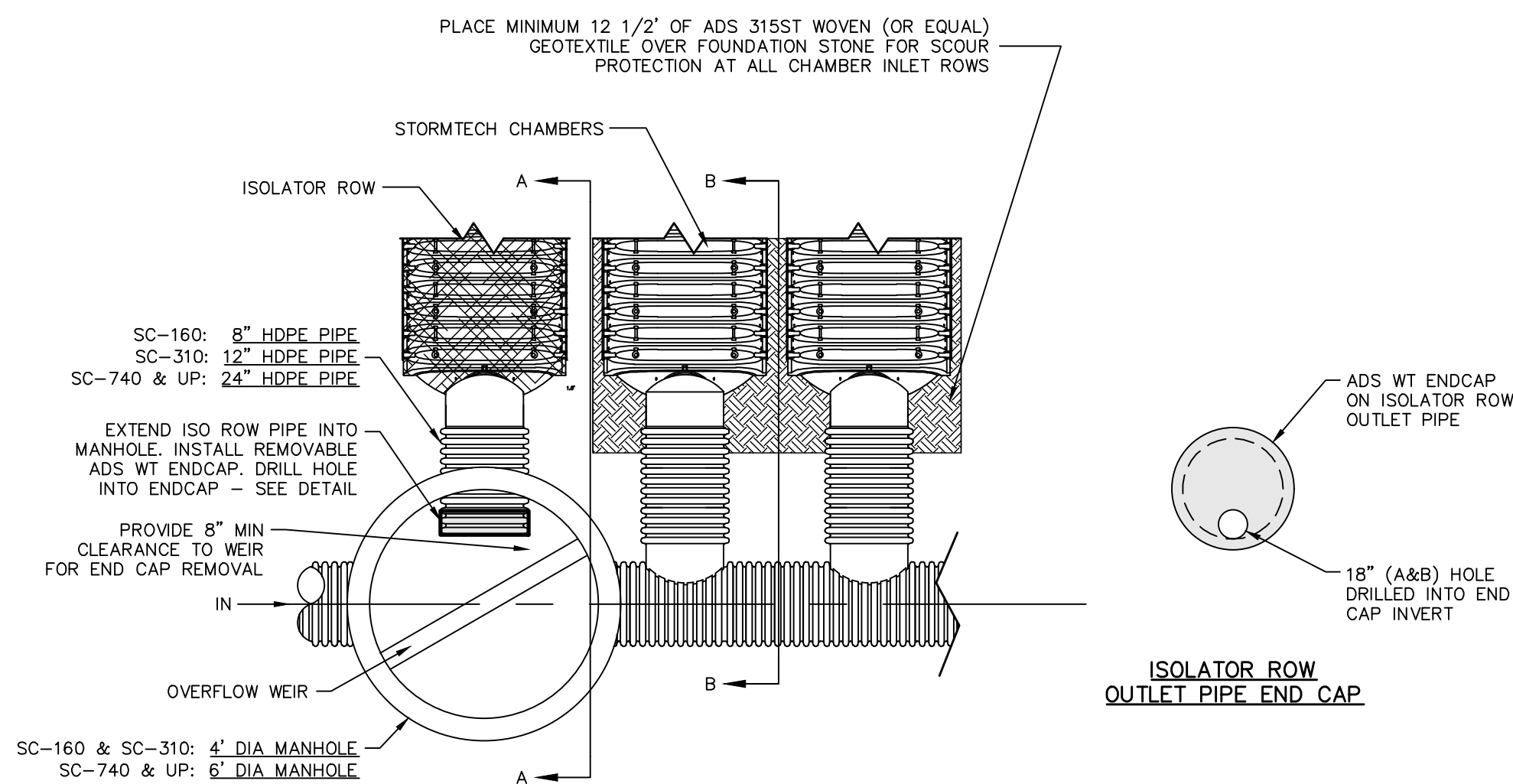
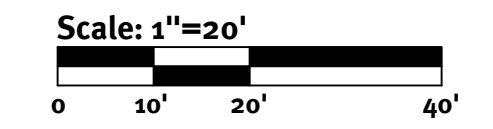
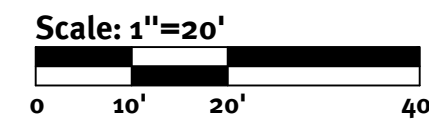
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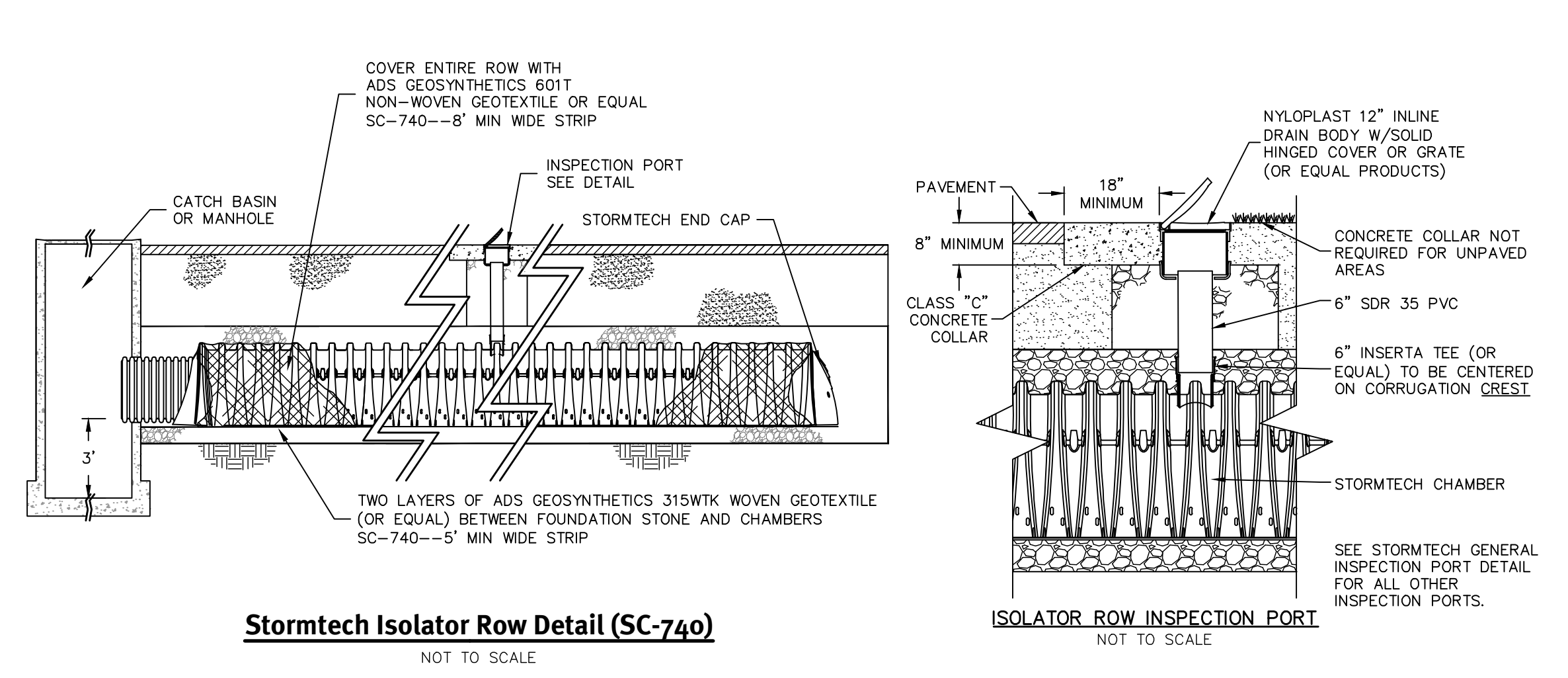


Underground Infiltration System B

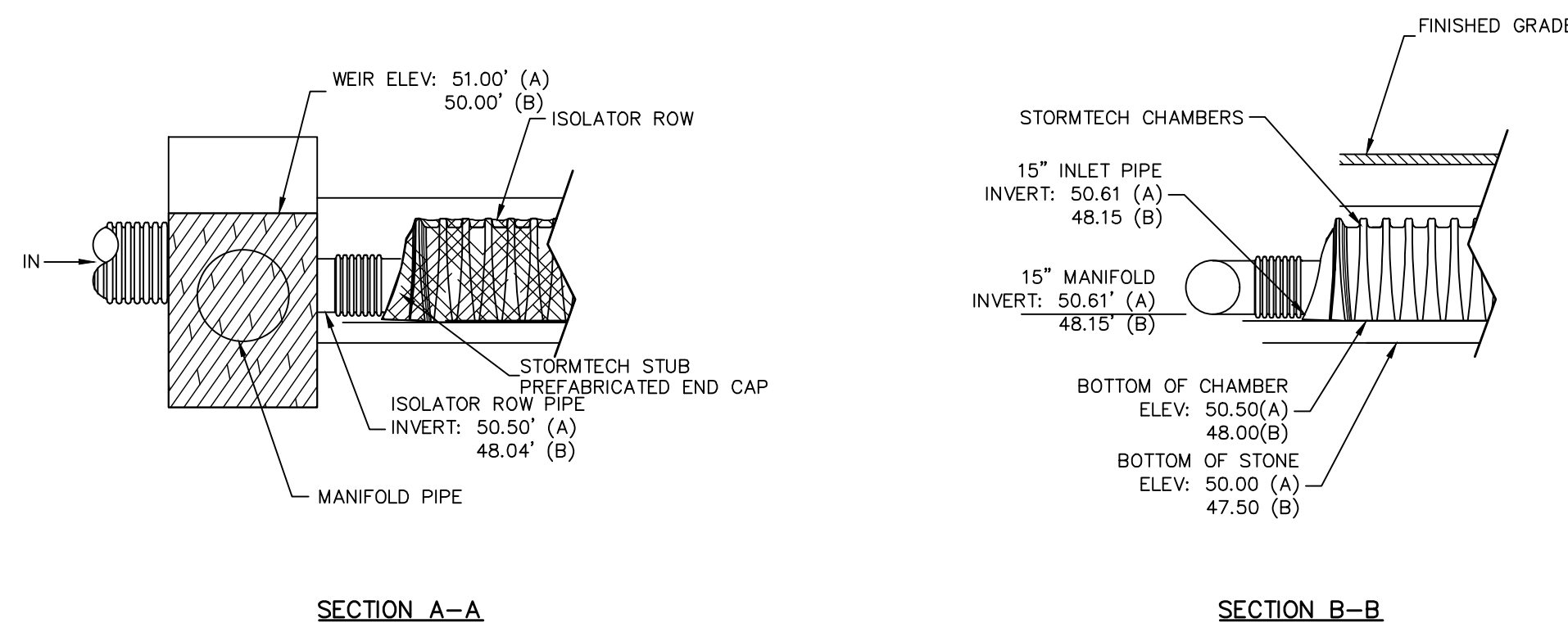
Underground Infiltration System A



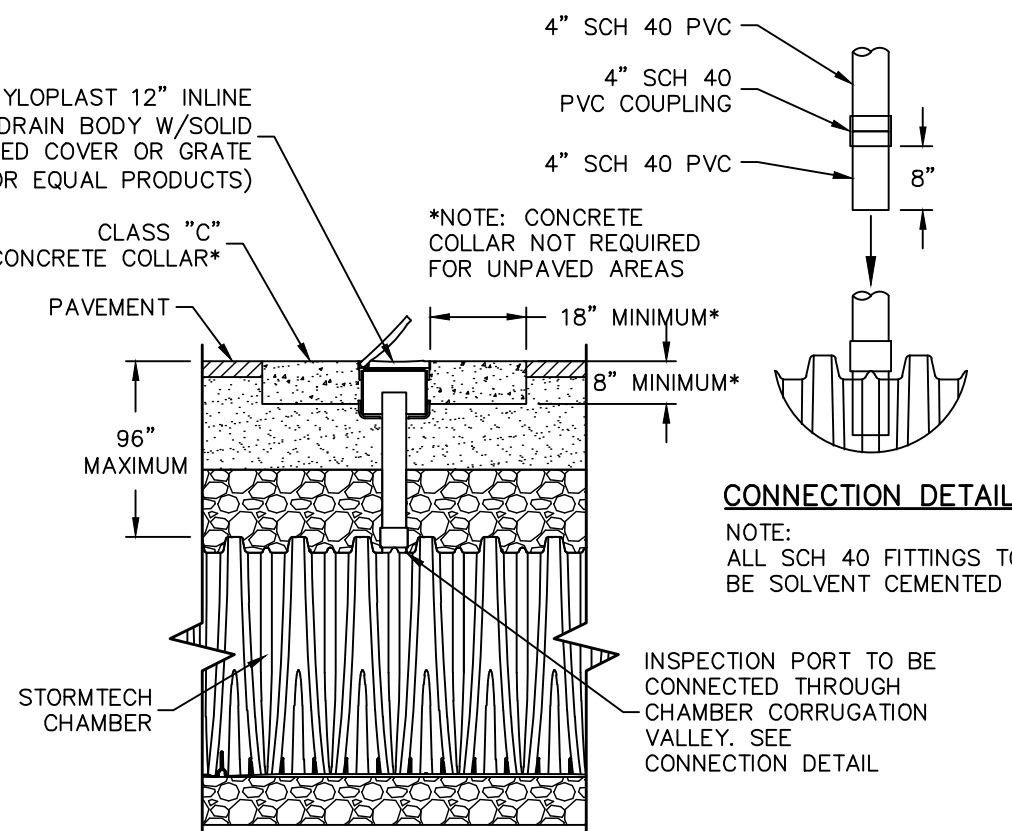
Stormtech Isolator Row Manifold Detail



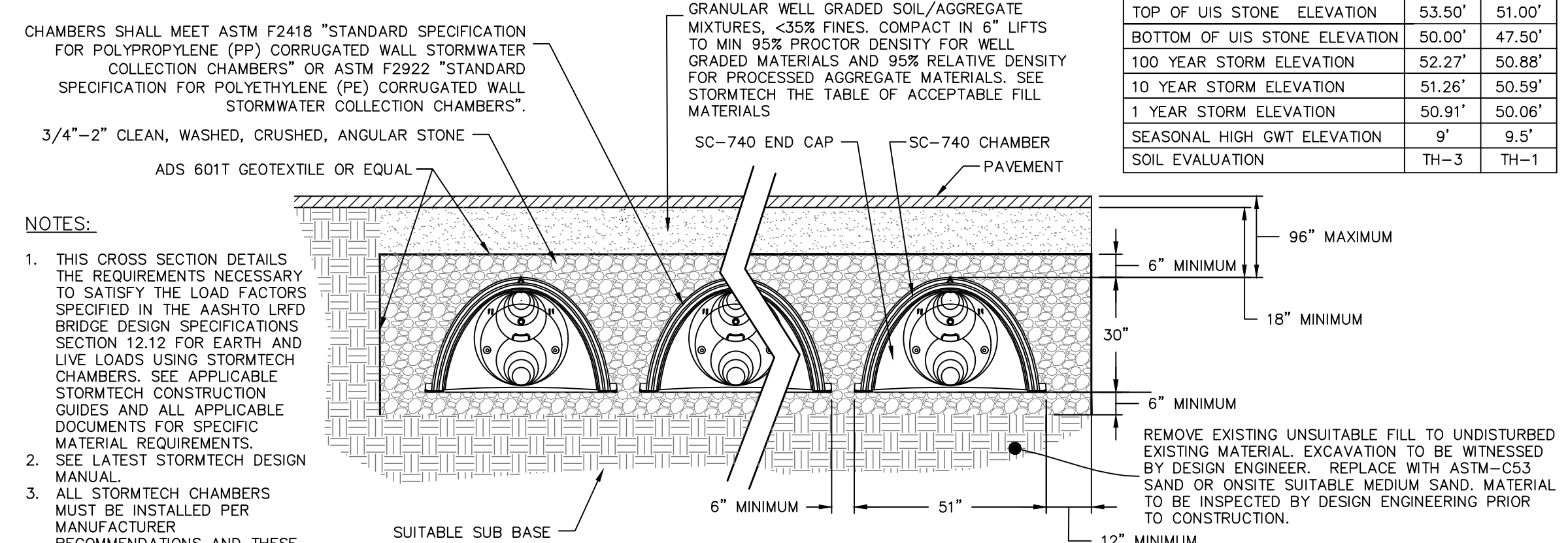
Stormtech Isolator Row Detail (SC-740)



Stormtech Elevations
NOT TO SCALE



Stormtech General Inspection Port Detail
NOT TO SCALE



Stormtech SC-740 Typical Cross Section
NOT TO SCALE

NOTES:

1. THIS CROSS SECTION DETAILS THE REQUIREMENTS NECESSARY TO SATISFY THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS SECTION 12.12 FOR EARTH AND LIVE LOADS USING STORMTECH CHAMBERS. SEE APPLICABLE STORMTECH CONSTRUCTION GUIDES AND ALL APPLICABLE DOCUMENTS FOR SPECIFIC MATERIAL REQUIREMENTS.
2. SEE LATEST STORMTECH DESIGN MANUAL.
3. ALL STORMTECH CHAMBERS MUST BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AND THESE PLANS. CONTRACTOR TO NOTIFY DESIGN ENGINEER OF ANY DISCREPANCIES PRIOR TO INSTALLATION.

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DAVID A. RUSSO
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The contractor is responsible for all of the means, methods, materials, and workmanship in the implementation of this plan and design.

No.	Date	Description	By	Check
0	03/23/2020	Final/Plan Submission	NDK	DAK
1	03/23/2020	Issue	NDK	DAK

Drawn By: NDK Design By: DAK

Stormtech Detail Sheet
1160 Post Road
Warrick, Rhode Island

PRW Holdings, LLC
72 Essex Manor Lane, Saurddestown, Rhode Island 02842
tel 401-955-9263

APPLICANT: PRW Holdings, LLC

DESIGNER: DiPrete Engineering Associates, Inc.

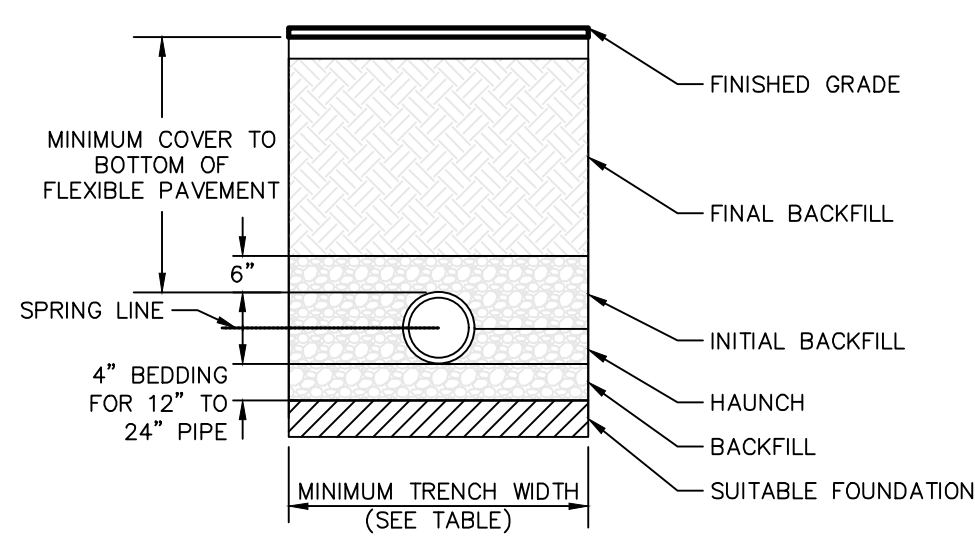
PROJECT: 21-Memph/Projects/2521-001_post road 1160/watocad drawings/2521-001_plan.dwg Plotter: 3/23/2020

SHEET 9 OF 10

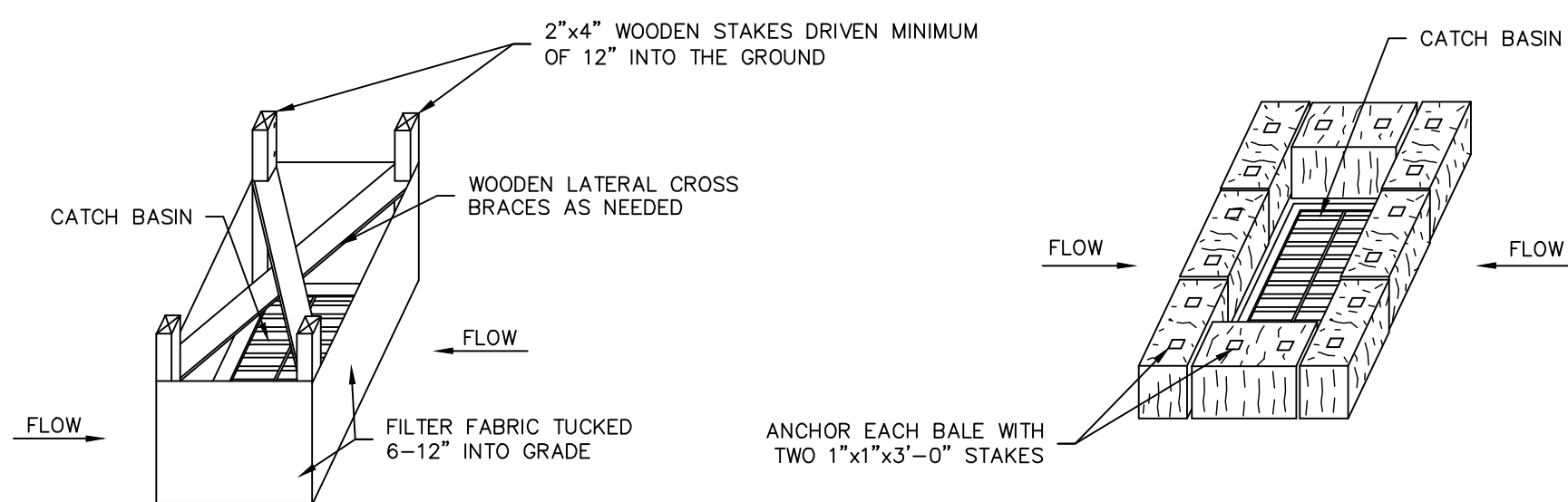
INSTALLATION NOTES:

1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS, LATEST EDITION.
2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
4. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (100MM) FOR 4"-24" (100MM-600MM); 6" (150MM) FOR 30"-60" (750MM-900MM).
5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
6. MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" Ø PIPE AND 24" OF COVER FOR 54"-60" Ø PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.

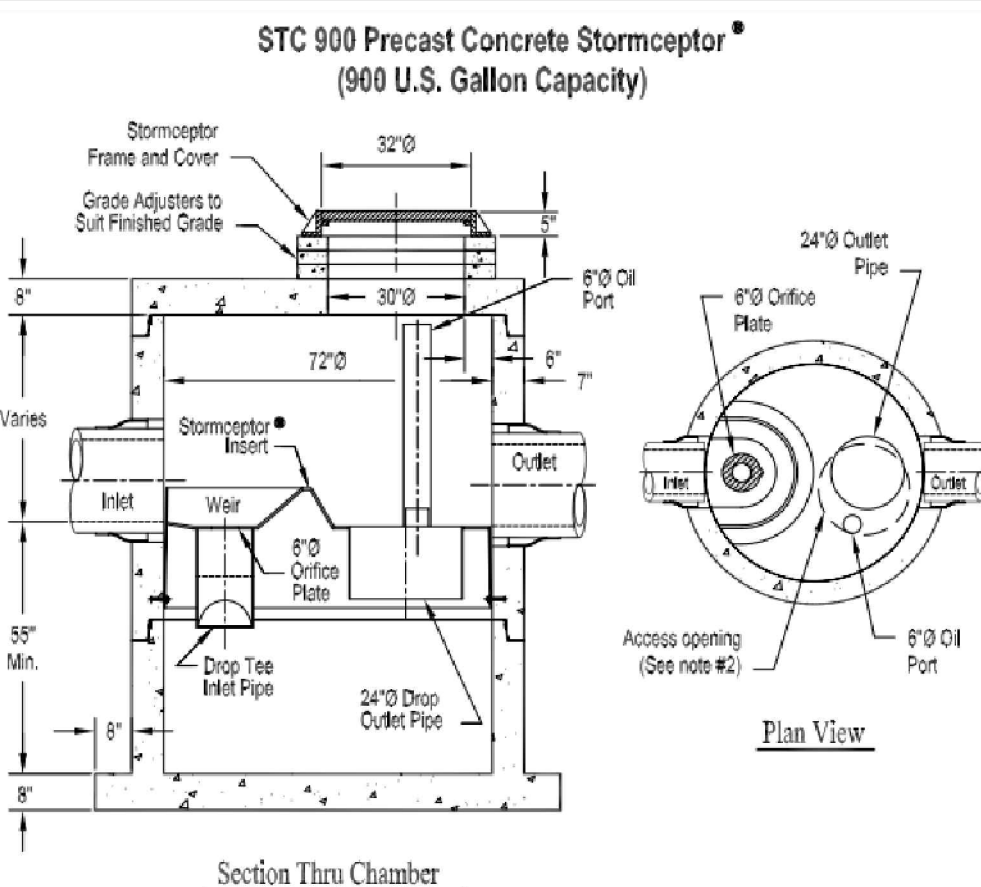
PIPE Ø	MINIMUM TRENCH WIDTH
6"	23"
8"	26"
12"	30"
15"	34"
24"	39"



HDPE Trench Detail
NOT TO SCALE

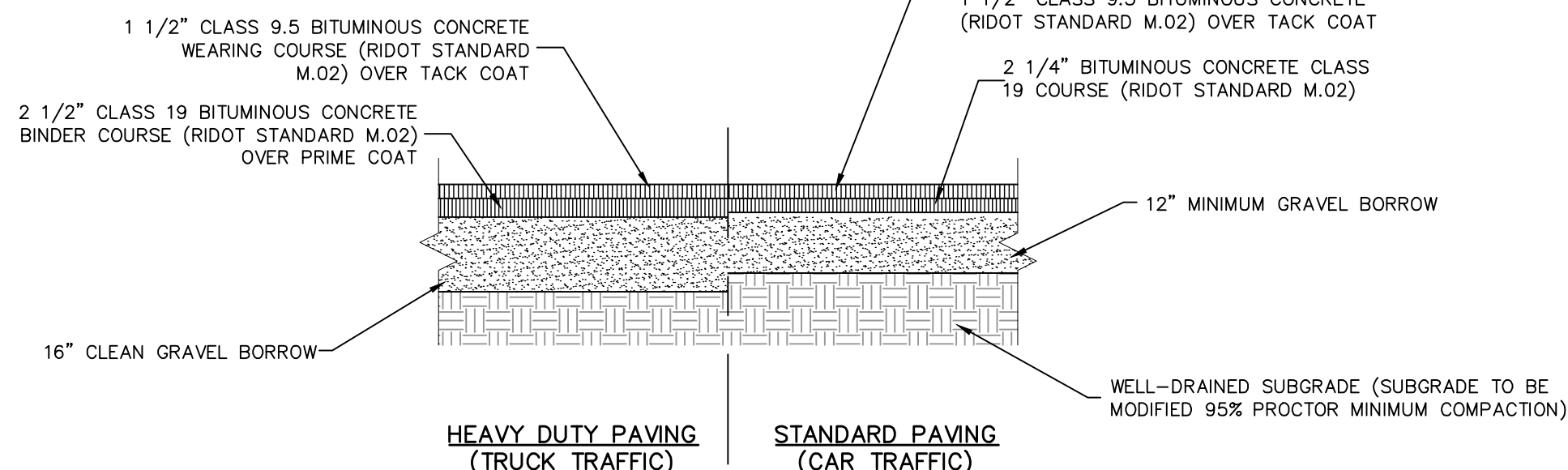


SILT FENCE INSTALLATION FOR CATCH BASINS AT LOW POINTS
HAYBALE FILTER INSTALLATION FOR CATCH BASINS AT LOW POINTS
NOT TO SCALE

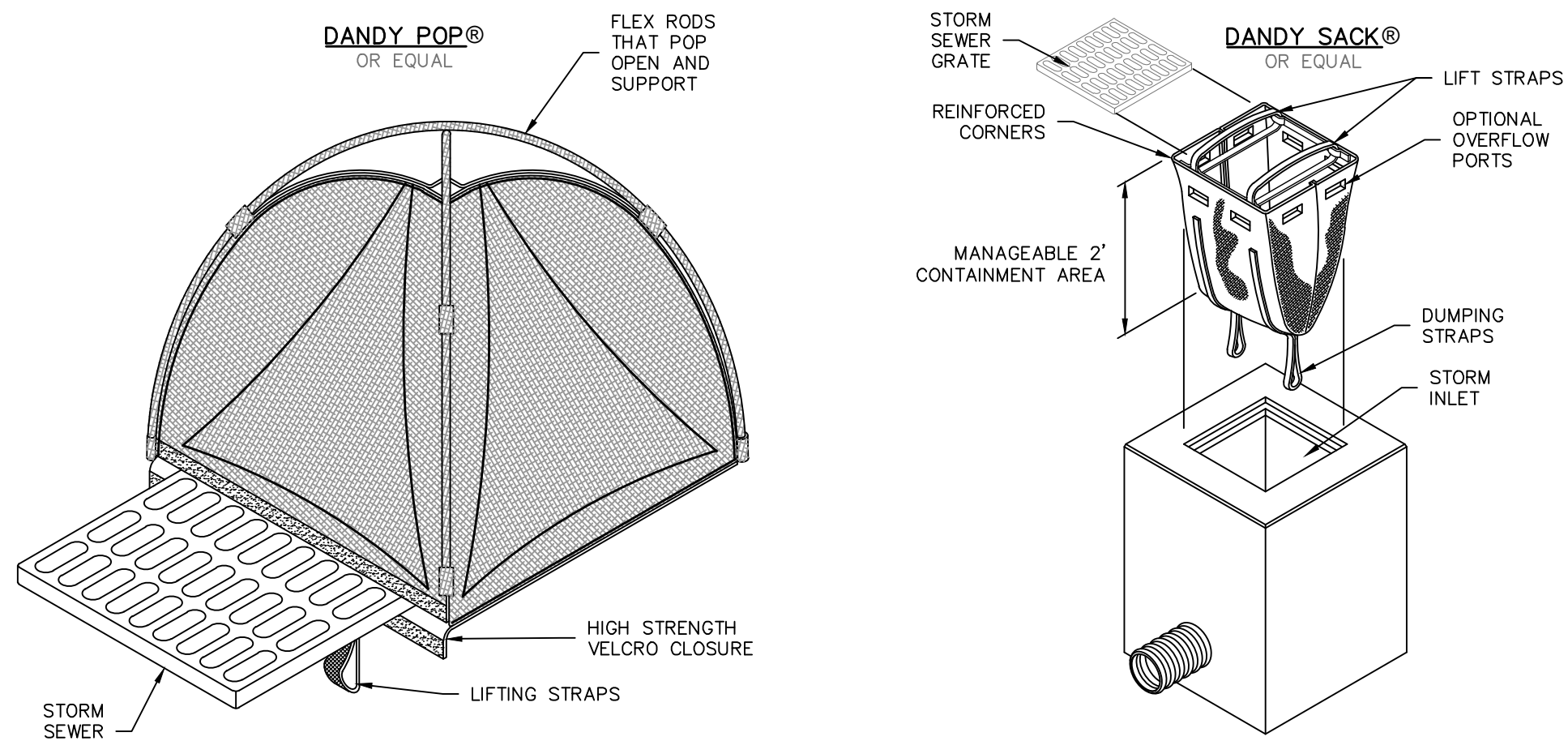


Stormceptor Detail
NOT TO SCALE

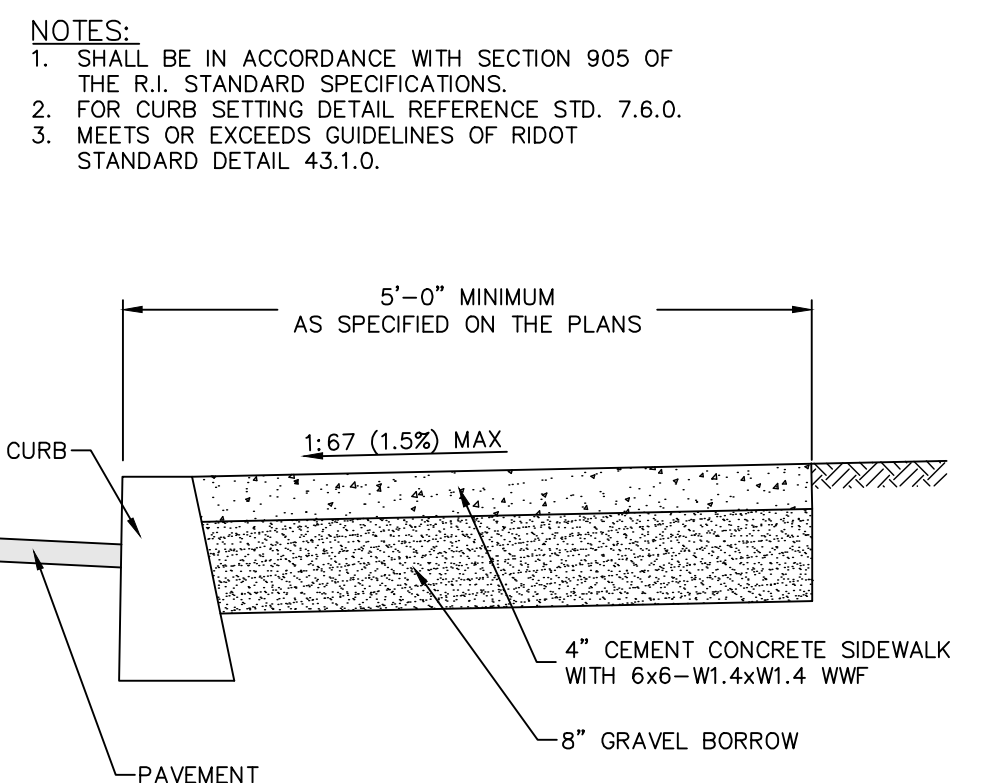
NOTE: THIS PAVEMENT SECTION DETAIL REFLECTS MINIMUM REQUIREMENTS. ENGINEER TO DETERMINE DESIGN BASED ON GEOTECHNICAL DATA OF SPECIFIC PROJECT AND DAILY TRAFFIC DESIGN REQUIREMENT.



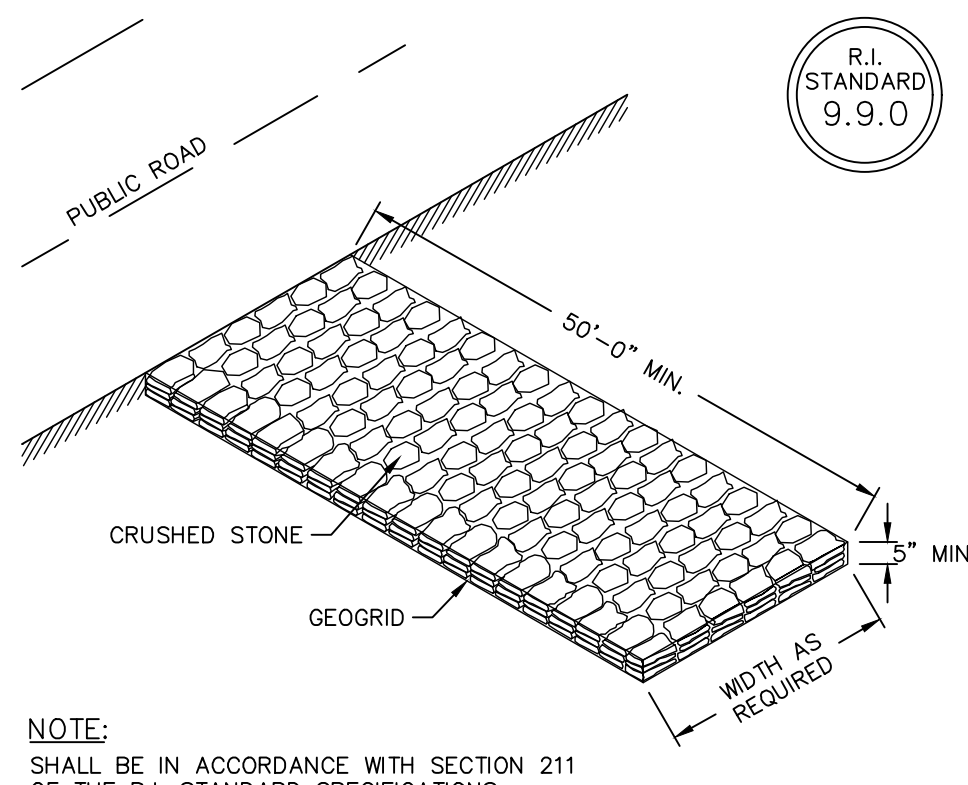
Typical Pavement Section
NOT TO SCALE



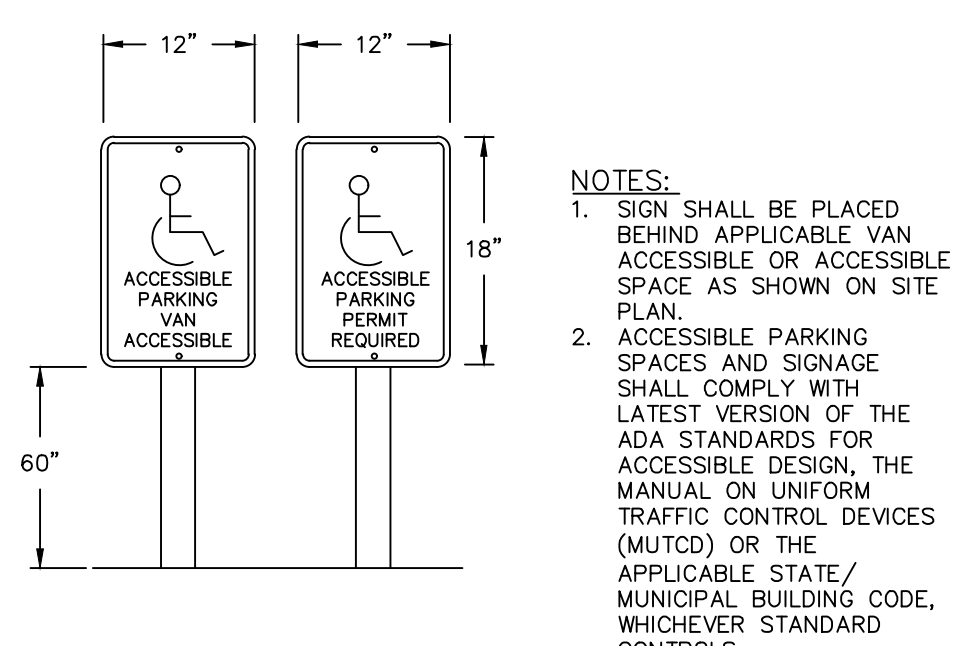
Inlet Sediment Control Devices
NOT TO SCALE



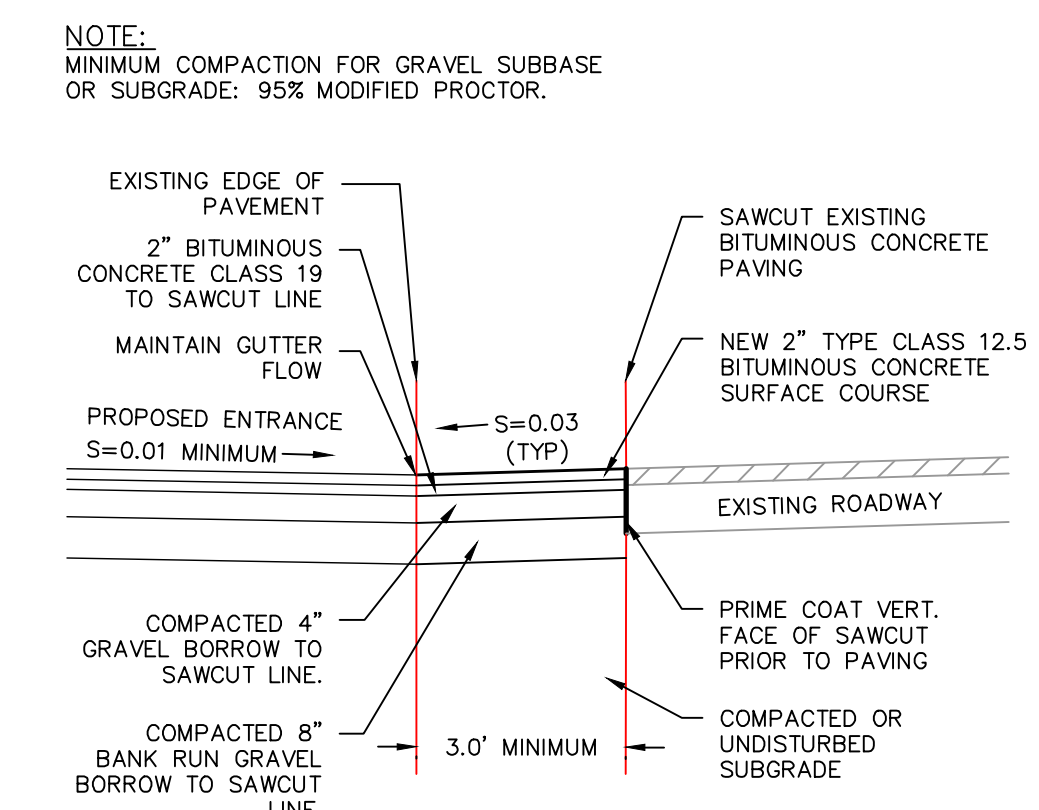
Cement Concrete Sidewalk
NOT TO SCALE



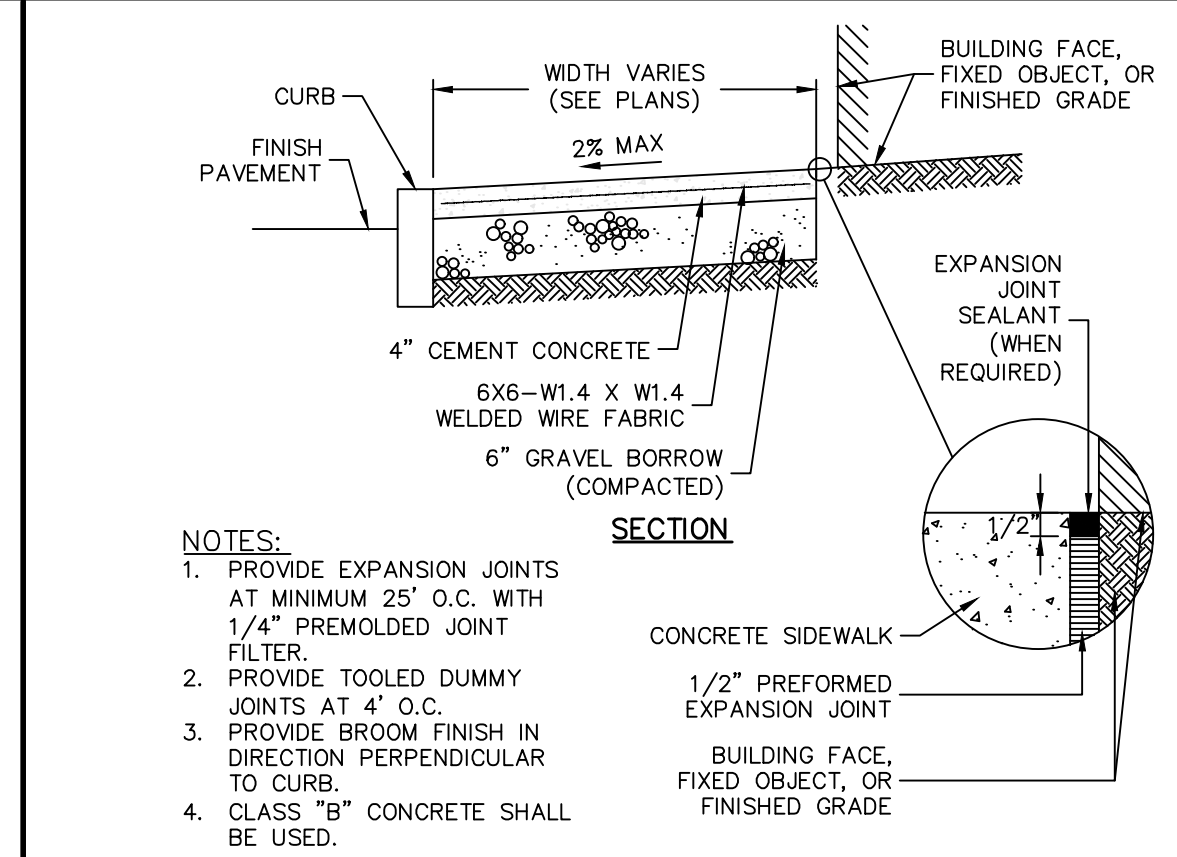
Construction Access
NOT TO SCALE



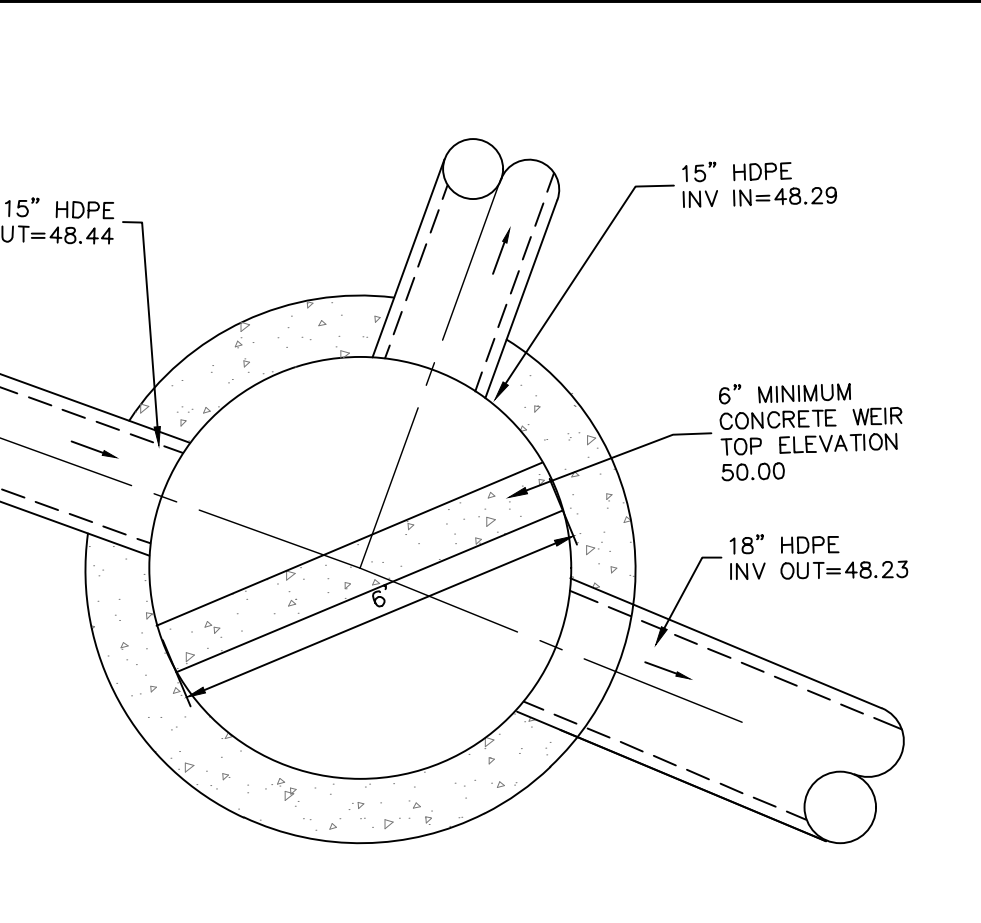
Typical Accessible Parking Post & Sign
NOT TO SCALE



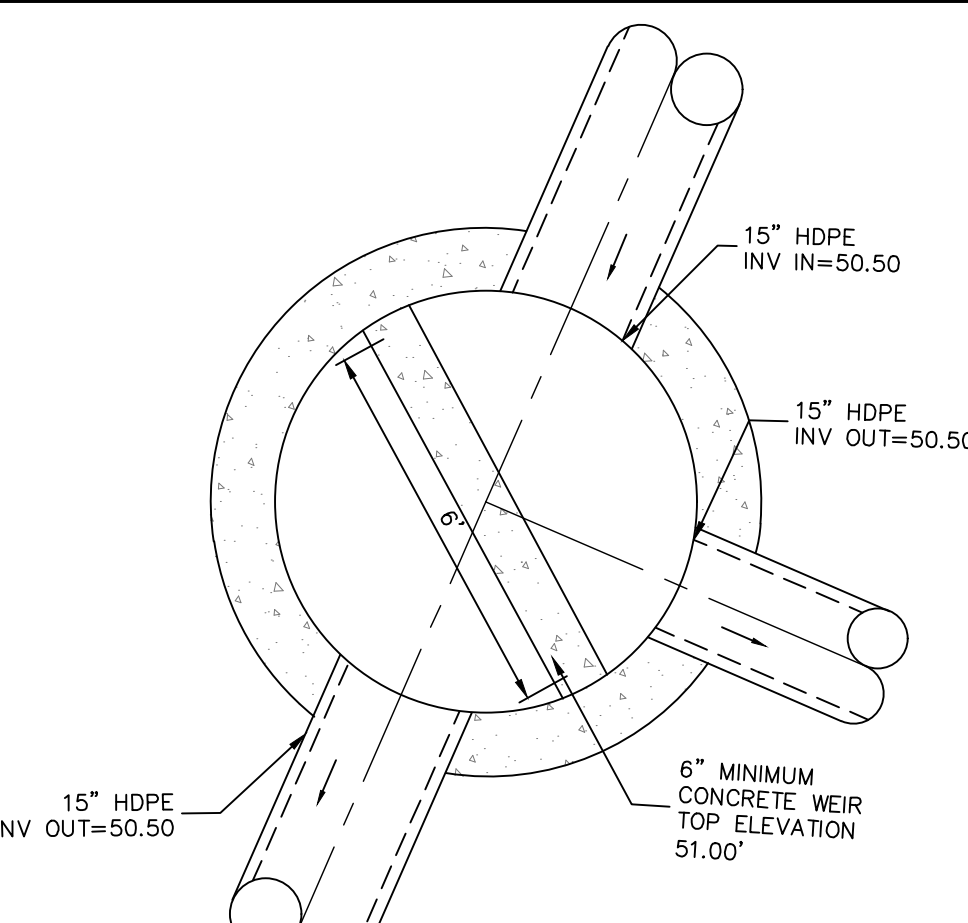
Entrance Access Sawcut & Match
NOT TO SCALE



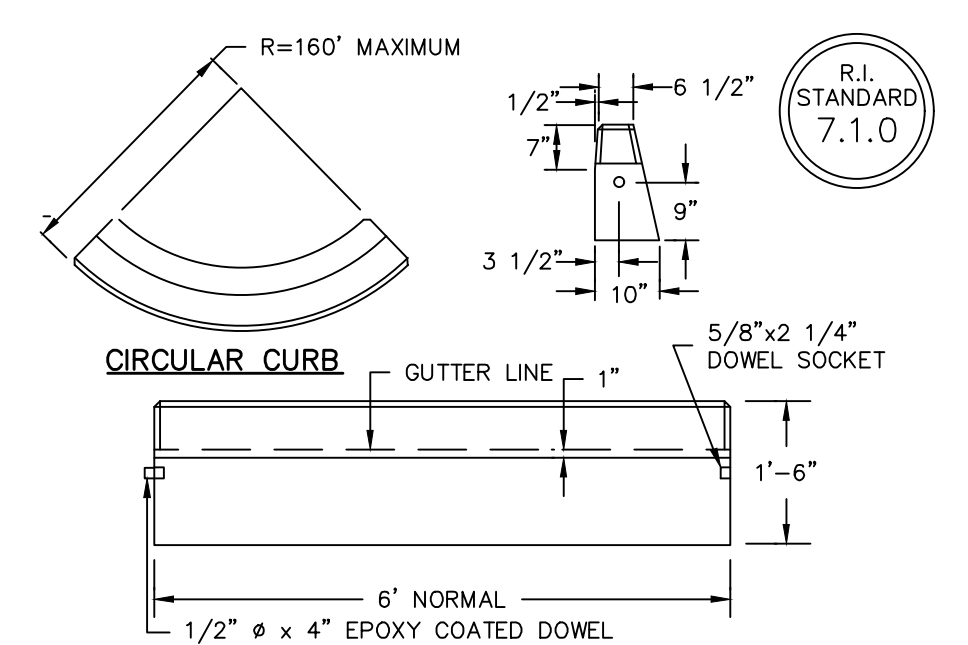
Concrete Sidewalk
NOT TO SCALE



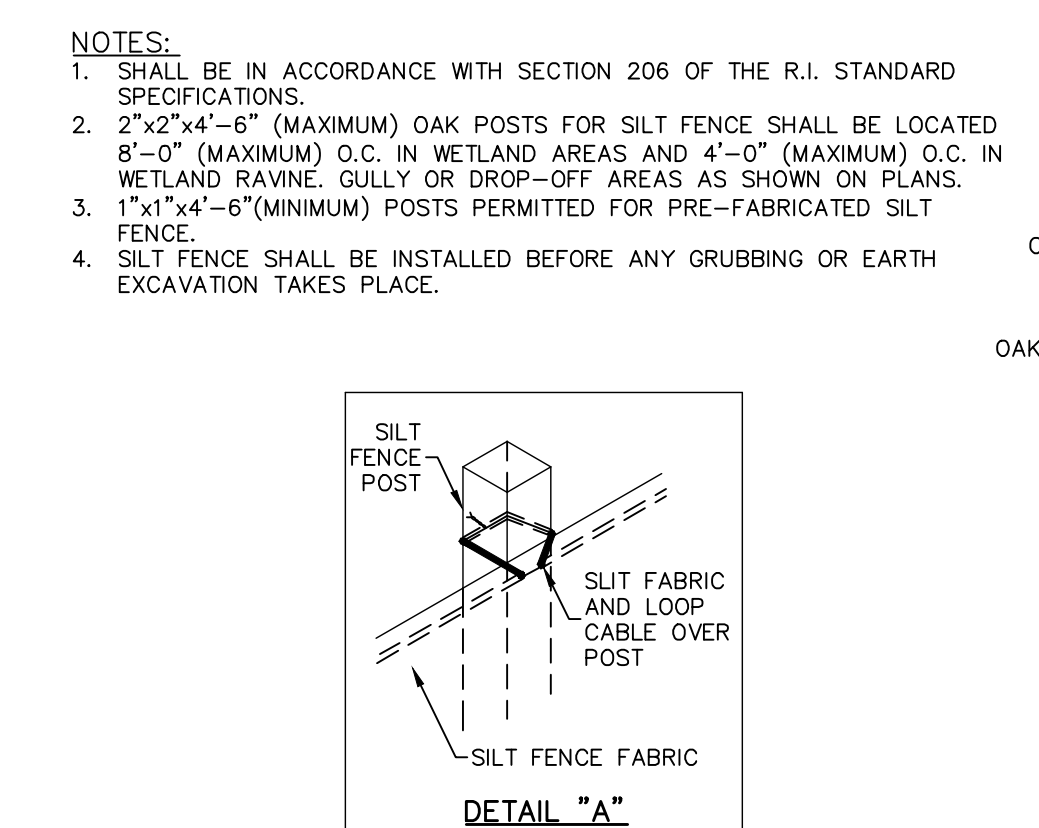
Bypass-02 (6'Ø Manhole)
SCALE: 1"=2'



Bypass-05 (6'Ø Manhole)
SCALE: 1"=2'



Precast Concrete Curb
NOT TO SCALE



Silt Fence Detail
NOT TO SCALE

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No.	Date	Description	By	Check
0	03/23/2020	Preparation	DR	DR
1	03/23/2020	Revised	DR	DR

Design By: D.A.R.

Detail Sheet
1160 Post Road
Warrick, Rhode Island

PRW Holdings, LLC
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Tel: 401-955-9263

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