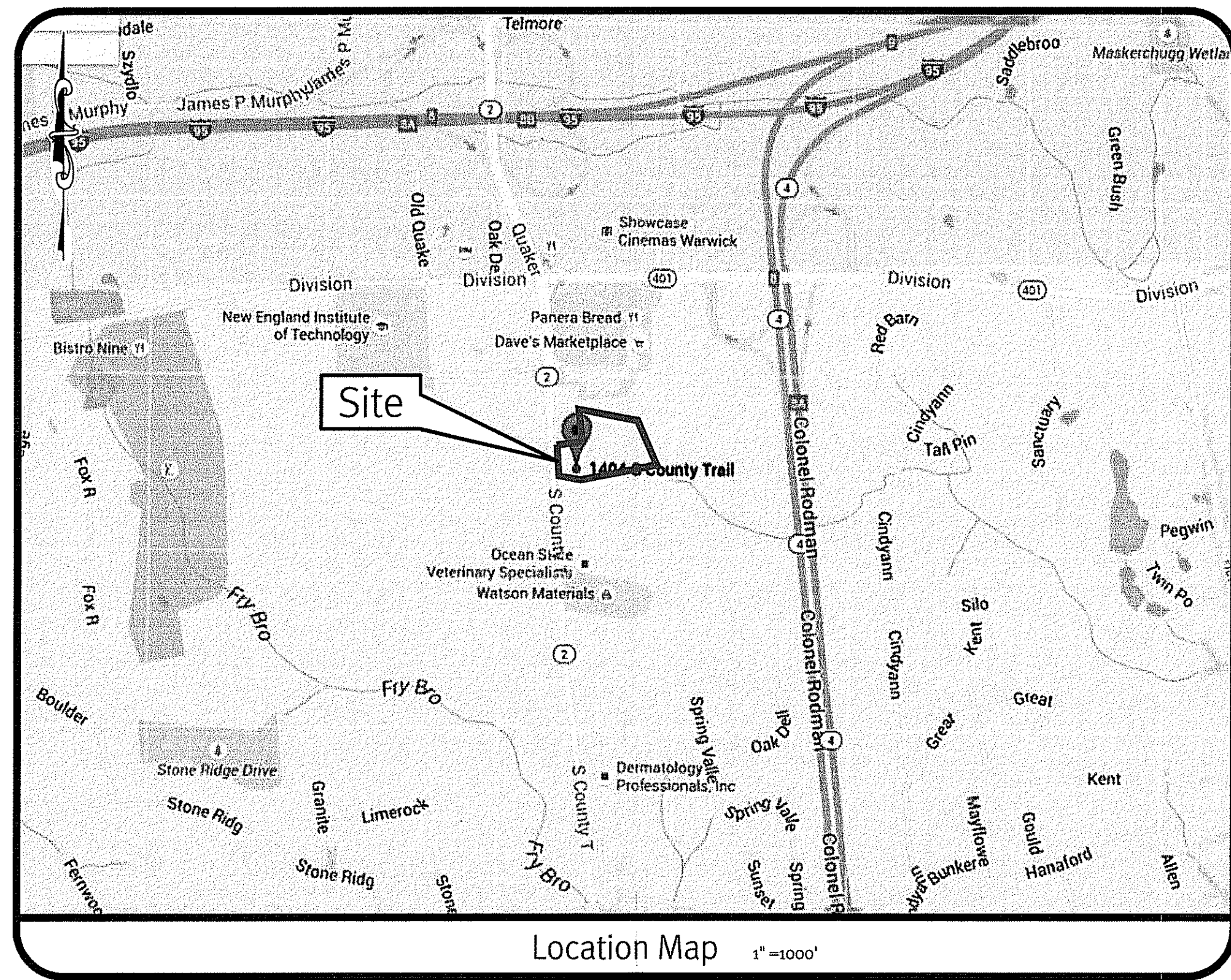


RIDEM Preliminary Determination

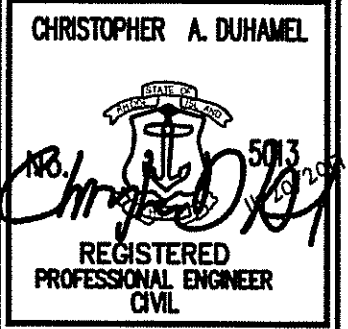
Vistas on the Trail - Phase II

1404 South County Trail
 East Greenwich, Rhode Island
 Assessor's Plat 10-D Lot 26



Sheet Index

1. Cover Sheet
2. Aerial & USGS Map
3. Existing Conditions Plan - Phase 1
4. Site Layout Plan - Phase 2
5. Grading, Drainage, and Utility Plan
6. Detail Sheet - 1
7. Detail Sheet - 2
8. Detail Sheet - 3



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No.	Date	Description	Design By: J.A.D.
1	10-25-2017	RIEM Preliminary Determination	
2	10-25-2017	RIEM Preliminary Determination	
3	10-25-2017	RIEM Preliminary Determination	
4	10-25-2017	RIEM Preliminary Determination	



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH COMMENTS
 AS SPECIFIED IN THE COMMENTS
 DATED DEC 6 2017
 NO CHANGES ALLOWED WITHOUT APPROVAL
 APPROVED PLANS MUST BE RE-APPROVED

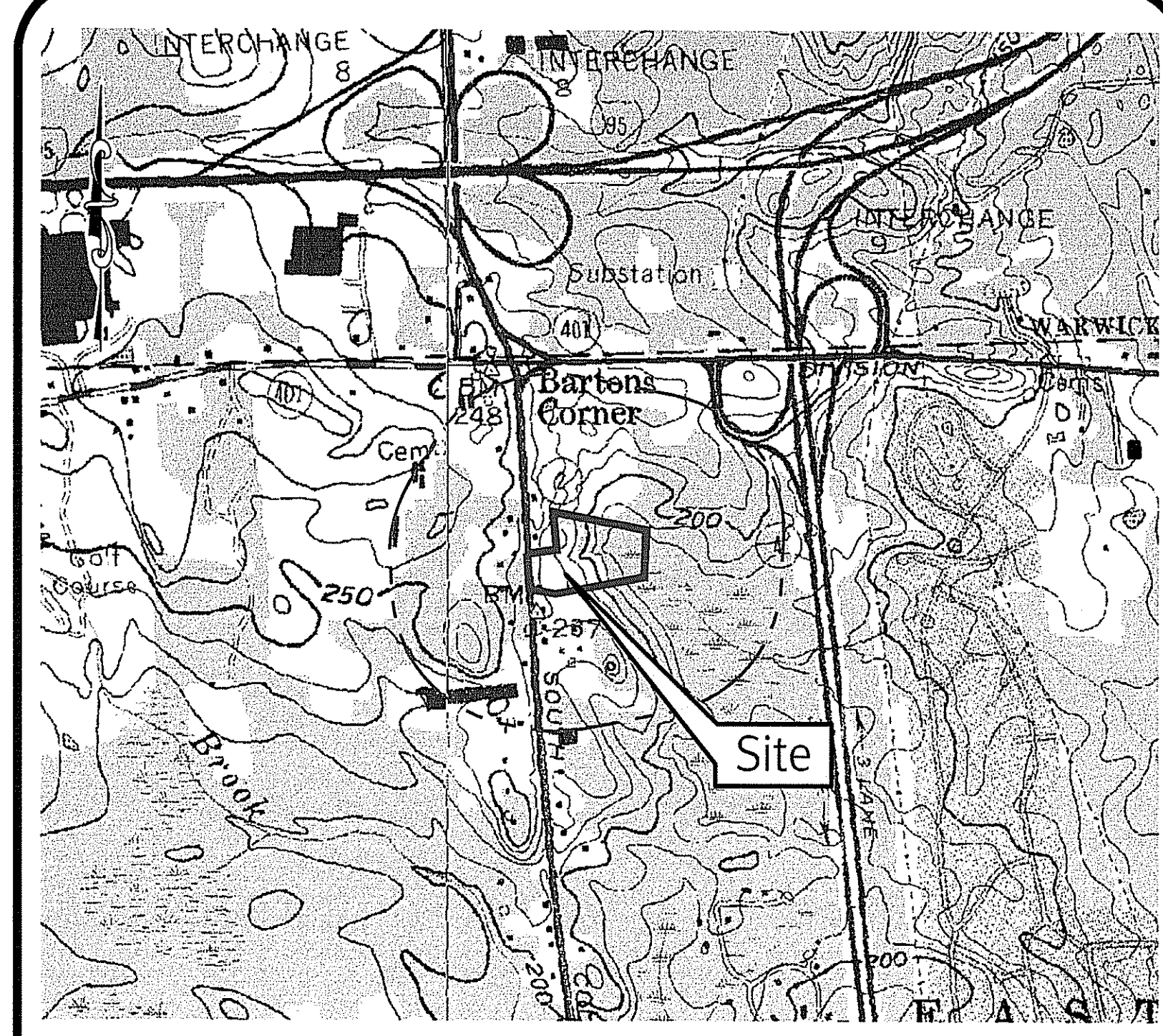
Charles A. Duhamel

TOWN OF EAST GREENWICH, R.I.
 PERMITTING AUTHORITY CHAIR
 OR DESIGNEE.
 CHAIR _____ DATE _____

Cover Sheet
Vistas on the Trail
 East Greenwich, Rhode Island
 Assessor's Plat 10-D, Lot 26
Vikon Properties
 676 George Washington Highway, Lincoln, RI 02865
 tel (401) 334-4960
 DE Job No: 0880-002 Copyright 2017 by DiPrete Engineering Associates, Inc.

P:\Main\projects\0880-002_south county trail\autocad drawings\0880-002_cvr.dwg Plot: 11/20/2017

Z:\deman\projects\0880-002_south county trail\airphoto drawings\0880-002_cwr.dwg Plotted: 11/20/2017



USGS Map Scale: 1"=1000'

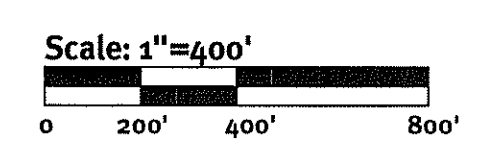
Photo Obtained from the RIGIS 2014 Orthophotography.

Aerial Half Mile Radius

- HALF MILE RADIUS LINE
- HALF MILE TEXT
- 1000' RADIUS TEXT
- 1000' RADIUS LINE

Pleasant View Avenue

1000' Radius



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED DEC 6 2017 FILE # 17-0095
 NO CHANGES ALLOWED WITHOUT PERMITTING AUTHORITY
 APPROVED PLANS MUST BE AT CONSTRUCTION

Chris A. Hest

TOWN OF EAST GREENWICH, R.I.
 PERMITTING AUTHORITY CHAIR
 OR DESIGNEE.

CHAIR _____ DATE _____

DiPrete Engineering

Two Stafford Court
 Cranston, RI 02900
 Tel: 401-943-1000 Fax: 401-464-6066 www.diprete-eng.com

CHRISTOPHER A. DUHAMEL
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

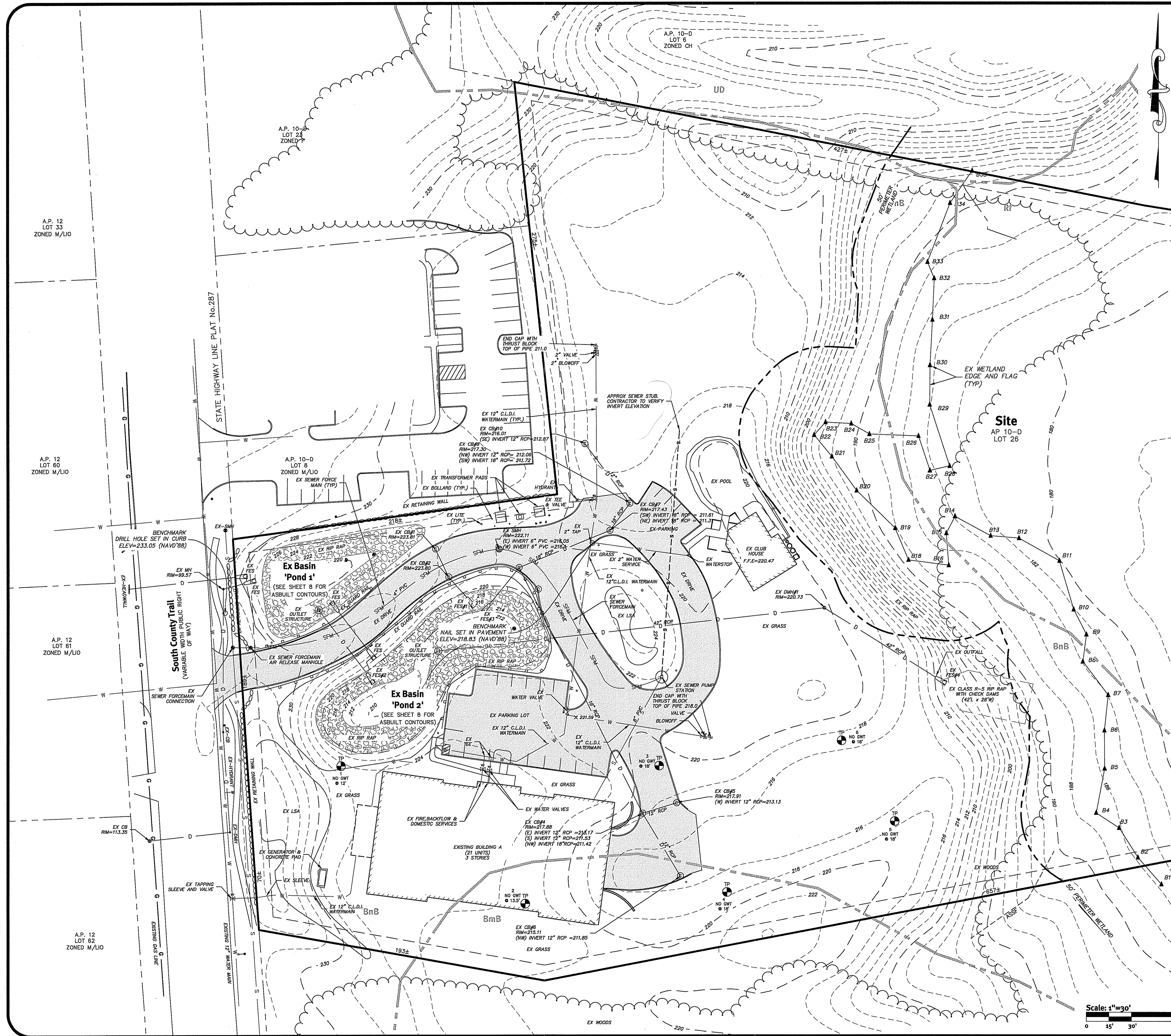
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No.	Date	Description	Drawn By: J.A.D.	Design By: C.A.D.
1	11-20-2017	RIEM Preliminary Administration RELC		
2	10-2-2017	RIEM Preliminary Administration RELC		
3	4-18-2017	RIEM Preliminary Administration RELC		

Aerial & USGS Map
Vistas on the Trail
 East Greenwich, Rhode Island
 Assessor's Plat 10-D, Lot 26

Vikon Properties
 Applicant
 678 George Washington Highway, Lincoln, RI 02865
 Tel: (401) 334-8360



- General Notes:**
- THE SITE IS LOCATED ON THE TOWN OF EAST GREENWICH ASSESSOR'S PLAT 10-D, LOT 26.
 - THE SITE IS APPROXIMATELY 8.34± ACRES AND IS ZONED R-4.
 - THE OWNER OF AP 10-D LOT 26 IS: VIKON PROPERTIES 678 GEORGE WASHINGTON HIGHWAY LINCOLN, RI 02865
 - THIS SITE IS LOCATED IN FEMA FLOOD ZONE A. REFERENCE FEMA FLOOD INSURANCE RATE MAP 4403CD136G, MAP REVISED DECEMBER 3, 2010.
 - SOIL MAPPING OBTAINED FROM SOIL SURVEY OF RHODE ISLAND, PREPARED BY U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE.
 - EDGE OF VEGETATED WETLANDS DELINEATED BY DIPRETE ENGINEERING ASSOCIATES, INC., APRIL, 2017.
 - TOPOGRAPHY SHOWN IS FROM A COMPILATION OF FIELD SURVEY BY DIPRETE ENGINEERING ASSOCIATES, INC., PERFORMED ON JULY 24 AND AUGUST 17, 2016, AND RI STATEWIDE LIDAR.

Existing Legend:

NOTE: LEGEND ITEMS ARE STANDARD AND DO NOT APPEAR ON EVERY SHEET.

PROPERTY LINE	---
SETBACK	---
ASSESSOR LINE	---
MINOR CONTOUR	---158---
MAJOR CONTOUR	---160---
TREELINE	~~~~~
GUARD RAIL	--- ---
BUILDING	▒▒▒▒▒
50' PERIMETER WETLAND	--- ---
WETLAND STREAM	~~~~~

Abbreviations:

EXISTING	EX	SEWER MANHOLE	SMH
PROPOSED	PR	DRAINAGE MANHOLE	DMH
FINISH FLOOR ELEVATION	FFE	CATCH BASIN	CB
ASSESSOR'S PLAT	AP	CONCRETE	CONC
NOW OR FORMERLY	N/F	INVERT	INV
TYPICAL	TYP	HIGH POINT	HP
TOP OF CURB/ TOP OF CONCRETE	TC	ON CENTER	OC
BOTTOM OF CURB/ BOTTOM OF CONCRETE	BC	INVERT	INV
HIGH DENSITY POLYETHYLENE PIPE	HDPE	LINEAR FEET	LF
AREA SUBJECT TO STORM WATER FLOW	ASSF	SLOPE	S
		LANDSCAPE AREA	LSA

Soil Information:

(REFERENCE: SOIL SURVEY OF RHODE ISLAND, U.S.D.A. SOIL CONSERVATION SERVICE)

SOIL NAME	DESCRIPTION
BmB	BRIDGEHAMPTON SILT LOAM, TILL SUBSTRATUM, 3 TO 8 PERCENT SLOPES
BnB	BRIDGEHAMPTON-CHARLTON COMPLEX, VERY STONY, 0 TO 8 PERCENT SLOPES
Rf	RIDGEBURY, WHITMAN, AND LEICESTER EXTREMELY STONY FINE SANDY LOAMS
UD	UDORTHTENTS-URBAN LAND COMPLEX

- References:**
- CLASS 1 BOUNDARY SURVEY ENTITLED "PLAN OF LAND, VISTAS ON THE TRAIL ASSESSOR'S PLAT 10-D LOT 26 EAST GREENWICH, RI", PREPARED FOR: PROFILE TRUST COMPANY, PREPARED BY: DIPRETE ENGINEERING ASSOCIATES, INC. SCALE: 1"=40', DATED FEBRUARY 2005.
 - "CONDOMINIUM PLAN FOR INITIAL PHASE VISTAS ON THE TRAIL CONDOMINIUM 1404 SOUTH COUNTY TRAIL, PLAT AND PLANS DOCUMENTS SITE PLAN", PREPARED BY: DIPRETE ENGINEERING ASSOCIATES, INC. SCALE: 1"=40', DATED 5-11-11.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
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NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hubert

Scale: 1"=30'

0 15' 30' 60'

NOV 21 2017

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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DiPrete Engineering

Two Stafford Court Cranston, RI 02920
tel 401-943-1000 fax 401-464-6006 www.diprete-eng.com

Boston • Providence • Newport

CHRISTOPHER A. DUHAMEL

REGISTERED PROFESSIONAL ENGINEER
CIVIL

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No.	Date	Description	Design By: J.A.D.
1	11-20-2017	REVISION: INFORMATION RE: L.A.O.	
2	12-28-2017	REVISION: INFORMATION RE: L.A.O.	
3	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
4	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
5	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
6	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
7	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
8	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
9	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
10	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
11	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
12	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
13	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
14	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
15	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
16	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
17	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
18	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
19	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
20	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
21	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
22	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
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24	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
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49	8-2-2017	REVISION: INFORMATION RE: L.A.O.	
50	8-2-2017	REVISION: INFORMATION RE: L.A.O.	

Existing Conditions Plan - Phase 1

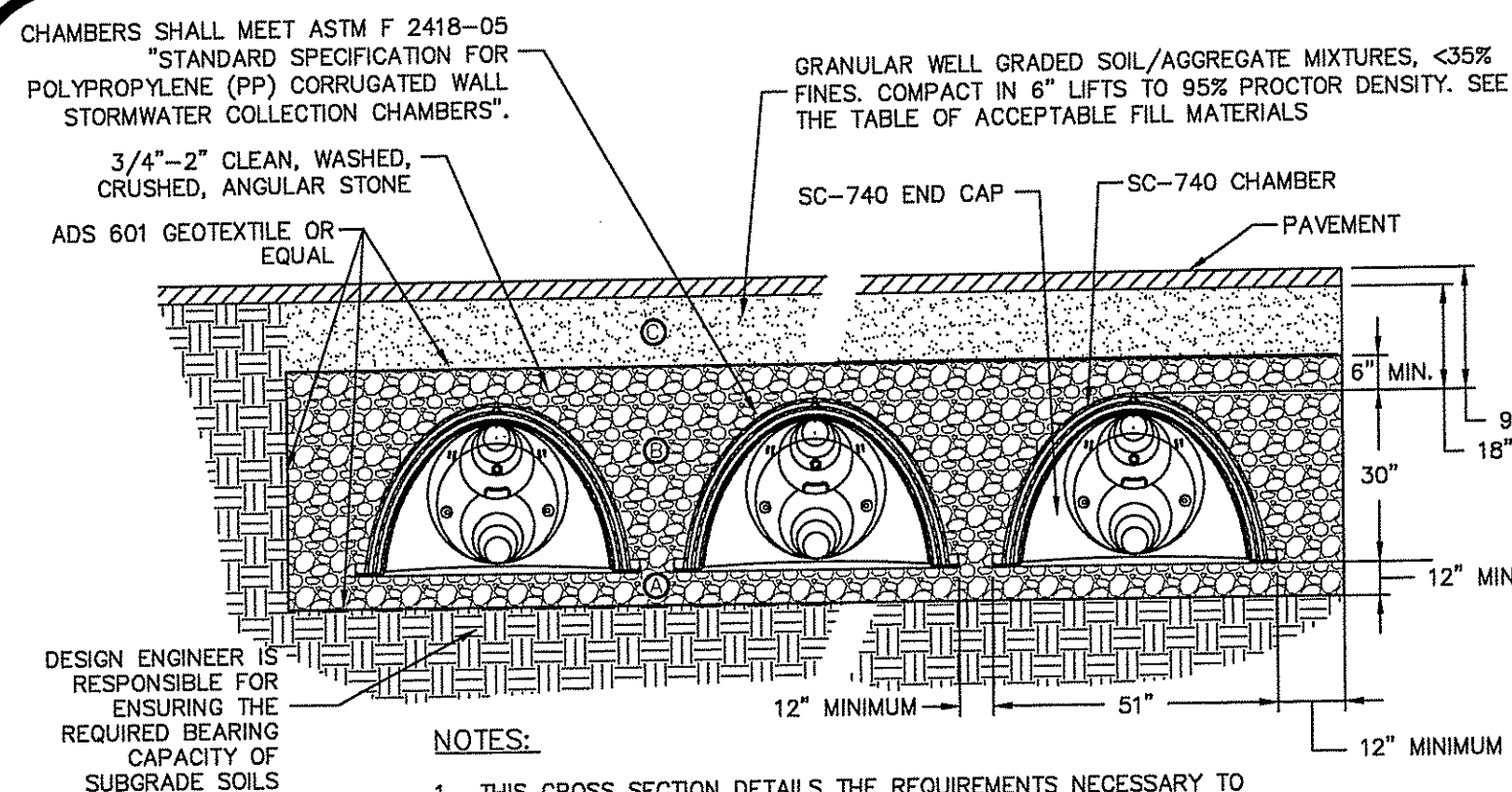
Vistas on the Trail

East Greenwich, Rhode Island
Assessor's Plat 10-D, Lot 26

Applicant: **Vikon Properties**
678 George Washington Highway, Lincoln, RI 02865
tel (401) 334-8500

DE Job No: 0880-002 Copyright 2017 by DiPrete Engineering Associates, Inc.

SHEET 3 OF 8



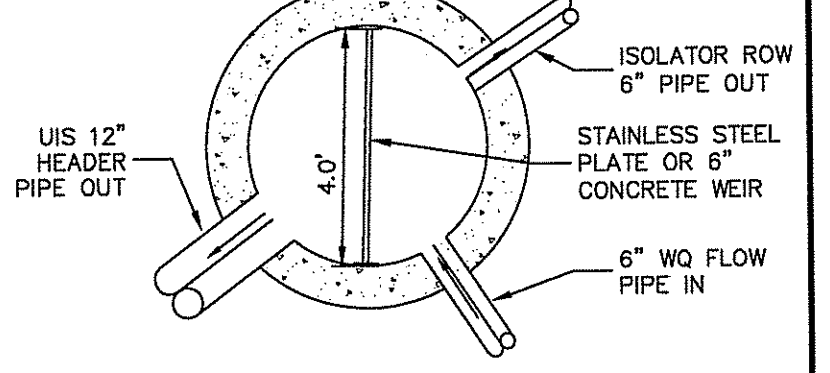
- NOTES:**
- THIS CROSS SECTION DETAILS THE REQUIREMENTS NECESSARY TO SATISFY THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS SECTION 12.12 FOR EARTH AND LIVE LOADS USING STORMTECH CHAMBERS.
 - SEE STORMTECH DESIGN MANUAL.

Stormtech SC-740 Typical Cross Section
NOT TO SCALE

DESCRIPTION	UIS-B	UIS-C	UIS-C2
TOP OF STONE ELEVATION	217.50	217.00	213.50
100 YEAR STORM ELEVATION	217.17	216.88	212.63
10 YEAR STORM ELEVATION	216.97	216.90	213.34
1 YEAR STORM ELEVATION	215.38	215.19	212.34
WQ ELEVATION*	216.79	215.37	212.26
BOTTOM OF SYSTEM (SC-740)	214.00	213.00	209.50
BOTTOM STONE ELEVATION	213.00	212.00	208.50
ESTIMATED SHGW ELEVATION	>18'	>18'	>18'
SOIL EVALUATION	TH-6	TH-6	TH-6

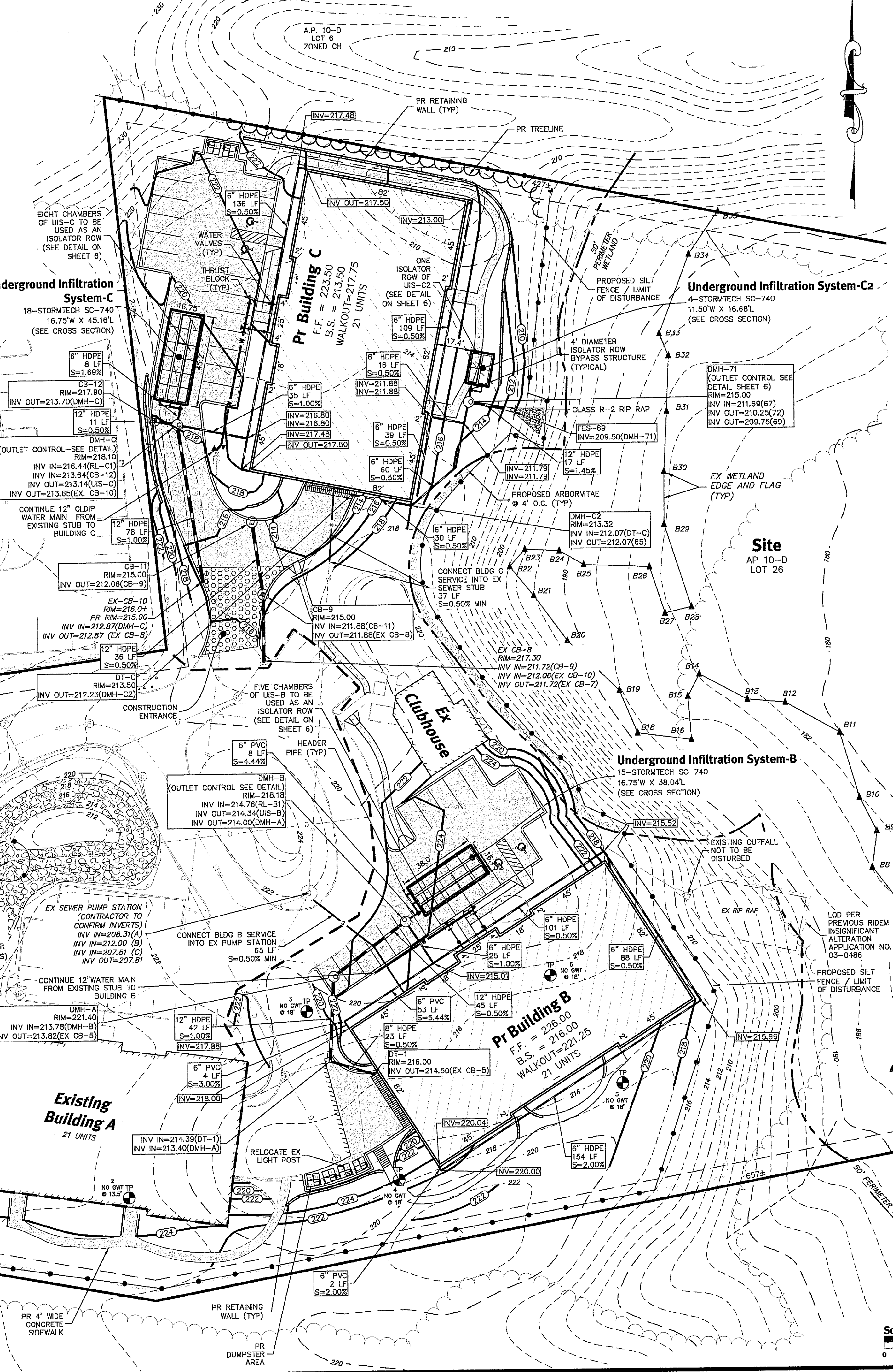
* ELEVATION WITHIN ISOLATOR ROW
NOTE: UNDERGROUND INFILTRATION SYSTEMS ARE TO BE LOCATED WITHIN AN EXISTING SANDY LOAM SOIL HORIZON. GROUNDWATER IS ESTIMATED 12'-18" BELOW EXISTING GRADE ACROSS SITE WHICH IS GREATER THAN THE REQUIRED 3' SEPARATION TO BOTTOM OF SYSTEMS.

Underground System Storm Elevations



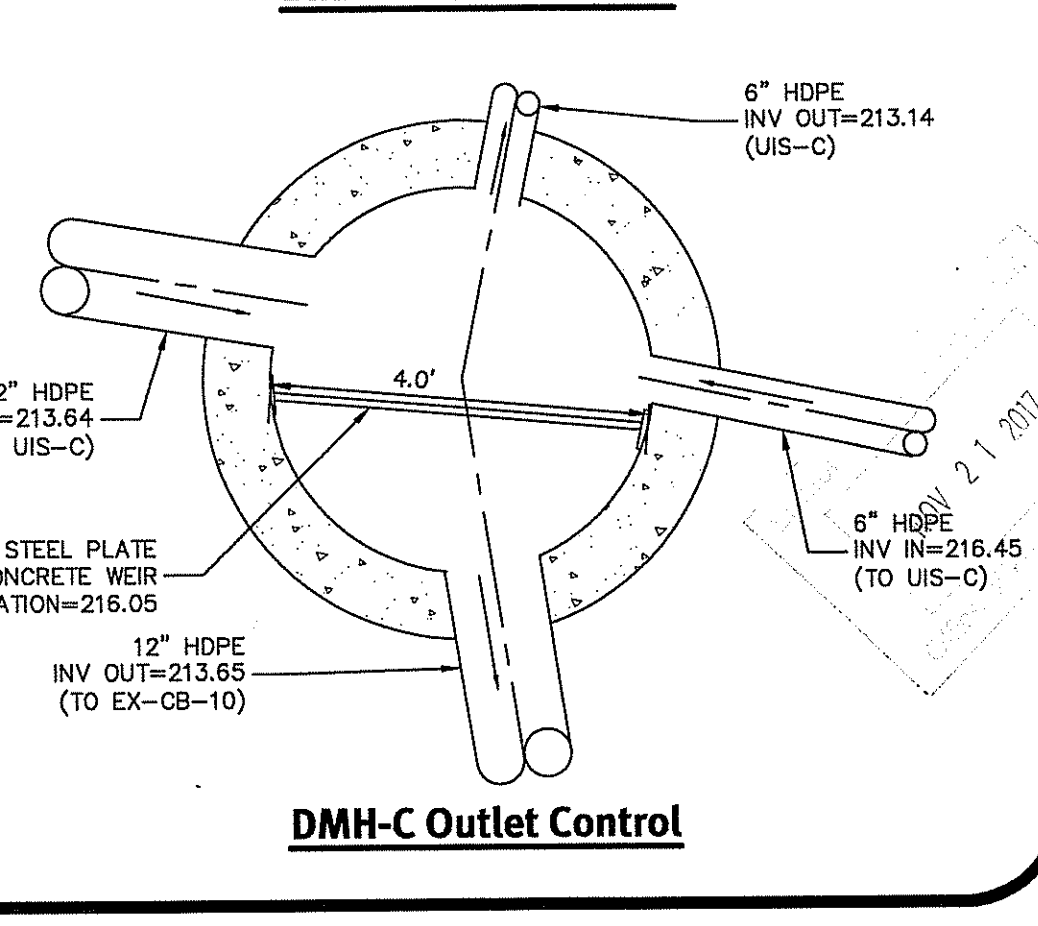
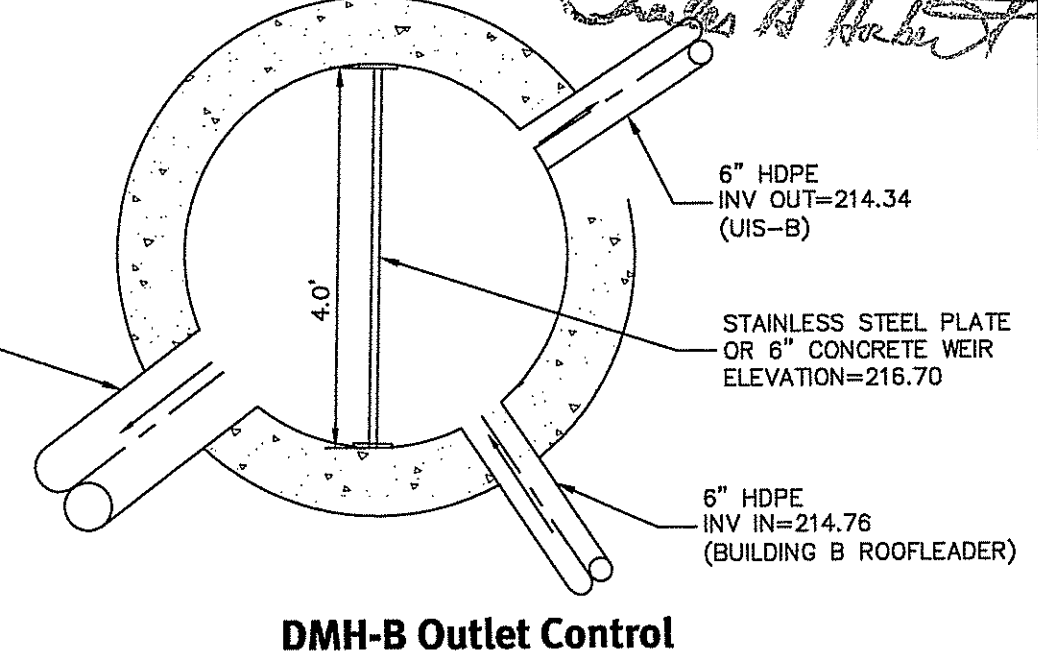
DESCRIPTION	UIS-B	UIS-C	UIS-C2
WQ DIA./INVERT IN	214.00	213.00	209.50
ISOLATOR ROW 6" INV. OUT	214.00	213.00	209.50
UIS 12" HEADER INVERT OUT	214.00	213.00	209.50
TOP OF WEIR ELEVATION	216.50	215.33	212.00

4" Isolator Row Bypass Structure
NOT TO SCALE



- General Notes:**
- THE SITE IS TO BE SERVICED BY PUBLIC SEWER AND PUBLIC WATER.
 - THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE TOWN OF EAST GREENWICH DEVELOPMENT AND SUBDIVISION REVIEW REGULATIONS WITH THE USE OF CATCH BASINS, ROOF LEADERS AND UNDERGROUND INFILTRATION SYSTEMS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
 - THERE ARE NO HISTORICAL CEMETERIES WITHIN THE SITE.
 - THE SITE IS PROPOSED TO BE BUILT IN 1 PHASE.
 - MUNICIPALLY CONNECTED FIRE ALARM BOXES ONE PER BUILDING
 - WETLANDS HAVE BEEN DELINEATED BY DIPRETE ENGINEERING ASSOCIATES, INC., APRIL, 2017.
 - THE SITE IS OUTSIDE THE GROUNDWATER RECHARGE BOUNDARY. THE SITE IS NOT WITH IN ANY NATURAL HERITAGE AREA, SCENIC CORRIDOR, GROUNDWATER RESERVOIRS, WELLHEAD PROTECTION AREAS, OR NARROW RIVER SPECIAL AREA MANAGEMENT PLAN.
 - ALL CATCH BASINS ARE TO BE 4' W/ 5 FOOT SUMP MINIMUM AND ARE TO BE EQUIPPED WITH OIL SEPARATOR.
- Grading and Utility Notes:**
- THE CONTRACTOR IS RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL ON SITE. THE CONTRACTOR IS TO NOTIFY THE DESIGN ENGINEER, THE DIRECTOR OF PUBLIC WORKS, THE TOWN ENGINEER, AND RI DEPT. OF ENVIRONMENTAL MANAGEMENT AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
 - CONTRACTOR TO OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
 - CONSTRUCTION TO COMMENCE SPRING 2017 OR UPON RECEIPT OF ALL NECESSARY APPROVALS.
 - ALL WORK PERFORMED HEREIN SHALL BE GOVERNED BY THE RHODE ISLAND STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND TOWN OF EAST GREENWICH STANDARD SPECIFICATIONS AND DETAILS.
 - SEQUENCE OF CONSTRUCTION PROVIDED MAY BE MODIFIED AS FIELD CONDITIONS WARRANT WITH PRIOR APPROVAL FROM THE OWNER OR OWNER'S REPRESENTATIVE.
 - THE CONTRACTOR SHALL COORDINATE WITH ALL OF THE APPROPRIATE UTILITY COMPANIES FOR AGREEMENTS TO SERVICE THE PROPOSED BUILDING. THIS SHALL BE DONE PRIOR TO CONSTRUCTION. NO REPRESENTATIONS ARE MADE BY DIPRETE ENGINEERING THAT UTILITY SERVICE IS AVAILABLE.
 - THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING FINISH GRADING AND DRAINAGE AROUND THE BUILDINGS TO ENSURE SURFACE WATER AND/OR GROUND WATER ARE DIRECTED AWAY FROM THE STRUCTURES.
 - PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERSECTIONS WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
 - ALL PROPOSED UNDERGROUND UTILITIES SERVING THE SITE AND BUILDINGS TO BE COORDINATED WITH APPLICANT, ARCHITECT, AND ENGINEER PRIOR TO INSTALLATION.
 - ALL TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION INCLUDING ALL REVISIONS.
 - ALL RETAINING WALLS AND STEEP SLOPES ARE SHOWN SCHEMATICALLY ONLY AND DIPRETE ENGINEERING IS NOT PROVIDING THE DESIGN OF THESE ITEMS. THE ACTUAL WALLS AND SLOPES ARE TO BE BUILT UNDER THE DIRECTION OF A GEOTECHNICAL ENGINEER AND CERTIFIED TO THE OWNER PRIOR TO THE COMPLETION OF THE PROJECT. SHOP DRAWINGS TO BE SUBMITTED PRIOR TO CONSTRUCTION.
 - ALL CUT AND FILL AREAS ARE TO BE DONE UNDER THE DIRECTION OF A GEOTECHNICAL ENGINEER WITH TESTING AND CERTIFICATION TO BE PROVIDED TO THE APPLICANT AT THE COMPLETION OF THE PROJECT. DIPRETE ENGINEERING ASSOCIATES, INC. IS NOT PROVIDING THE FILL SPECIFICATION, GEOTECHNICAL ENGINEERING, STRUCTURAL ENGINEERING SERVICES, OR SUPERVISION AS PART OF THESE DRAWINGS.
 - ALL COMPONENTS OF THE DRAINAGE, SEWER AND WATER SYSTEMS MUST BE ASBUILT PRIOR TO COVERING. ENGINEER TO BE NOTIFIED PRIOR TO COVERING TO SURVEY ASBUILT LOCATIONS. ENGINEER WILL NOT ACCEPT FIELD MEASUREMENTS FROM THE SITE CONTRACTOR.
 - NO STOCKPILING OF MATERIAL TO BE LOCATED IN THE RIGHT OF WAY AND NO OPEN TRENCHES ARE TO BE LEFT OVERNIGHT.
 - ALL LOAM IN DISTURBED AREAS TO BE STOCKPILED FOR FUTURE USE.
 - ALL EXCESS SOIL, TREES, ROCKS, BouldERS, AND OTHER REFUSE, SHALL BE DISCARDED OFF SITE IN AN ACCEPTABLE MANNER AT AN APPROVED LOCATION. STUMPS SHALL BE GROUND ON SITE OR REMOVED.
 - NO STUMP DUMPS ARE PROPOSED ON SITE.
 - ALL EXISTING UTILITIES SHOWN ARE FROM VISIBLE INFORMATION, DRAWINGS FROM OTHERS, OR INFORMATION PROVIDED TO DIPRETE ENGINEERING AND ARE SUBJECT TO CHANGE. THE LOCATIONS OF UNDERGROUND PIPES AND CONDUITS HAVE BEEN DETERMINED FROM AFOREMENTIONED PLANS OF RECORD AND ARE APPROXIMATE ONLY. PRIOR TO CONSTRUCTION, THE PROPER UTILITY ENGINEERING DEPARTMENTS SHALL BE CONTACTED AND THE ACTUAL LOCATION OF SUBSURFACE STRUCTURES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR. CALL THE DIG SAFE CENTER TOLL FREE AT 1-888-344-7233 IN MA, ME, NH, RI & VT, CALL 1-800-922-4455 IN CT 72 HOURS (48 HOURS IN VT AND CT) PRIOR TO EXCAVATION. NOTIFY DESIGN ENGINEER OF ANY DISCREPANCIES PRIOR TO EXCAVATION. ANY DAMAGE TO UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR OR DETAILED BY DIG SAFE SHALL BE THE SITE CONTRACTOR'S RESPONSIBILITY. FRESHWATER WETLAND RESOURCE MAPS AND DATA PROVIDED BY THE DESIGNER OR OTHER SOURCE SHALL BE USED AS SHOWN UNLESS OTHERWISE NOTED. IF ANY DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL NOTIFY THE DESIGNER IMMEDIATELY. IF CONDITIONS ARE AS SPECIFIED IN THE LETTER OF APPROVAL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL. APPROVED PLANS MUST BE AT CONSTRUCTION SITE.
 - IF CONCRETE TRUCKS ARE WASHED OUT ON SITE, ALL WASHOUT MUST BE APPLIED TO THE DESIGNATED CONCRETE WASHOUT AREA.

- Site**
AP 10-D
LOT 26
- Scale: 1"=30'**
0 15' 30' 60'



z:\dms\proj\0880-002_south county trail\autocad drawings\0880-002-4.dwg Plotdate: 11/20/2017

Diprete Engineering
Two Stafford Court Cranston, RI 02920
Tel: 401-943-1000 Fax: 401-661-6006 www.diprete-eng.com

CHRISTOPHER A. DUHAMEL
REGISTERED PROFESSIONAL ENGINEER CIVIL

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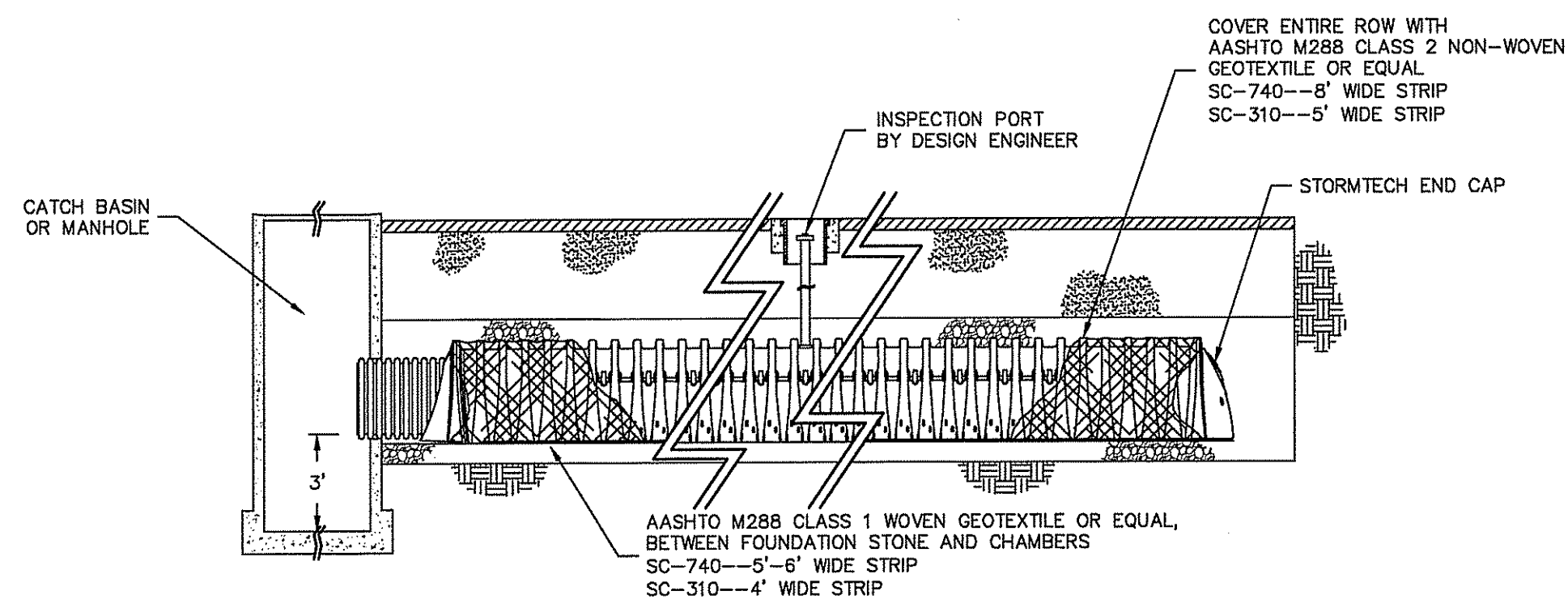
No.	Date	Description	By:	Design By: C.A.D.
1	11-20-2017	ISSUED FOR CONSTRUCTION	CA	
2	11-20-2017	ISSUED FOR CONSTRUCTION	CA	
3	11-20-2017	ISSUED FOR CONSTRUCTION	CA	

Grading, Drainage, and Utility Plan
Vistas on the Trail
East Greenwich, Rhode Island
Assessor's Parcel ID: Lot 26

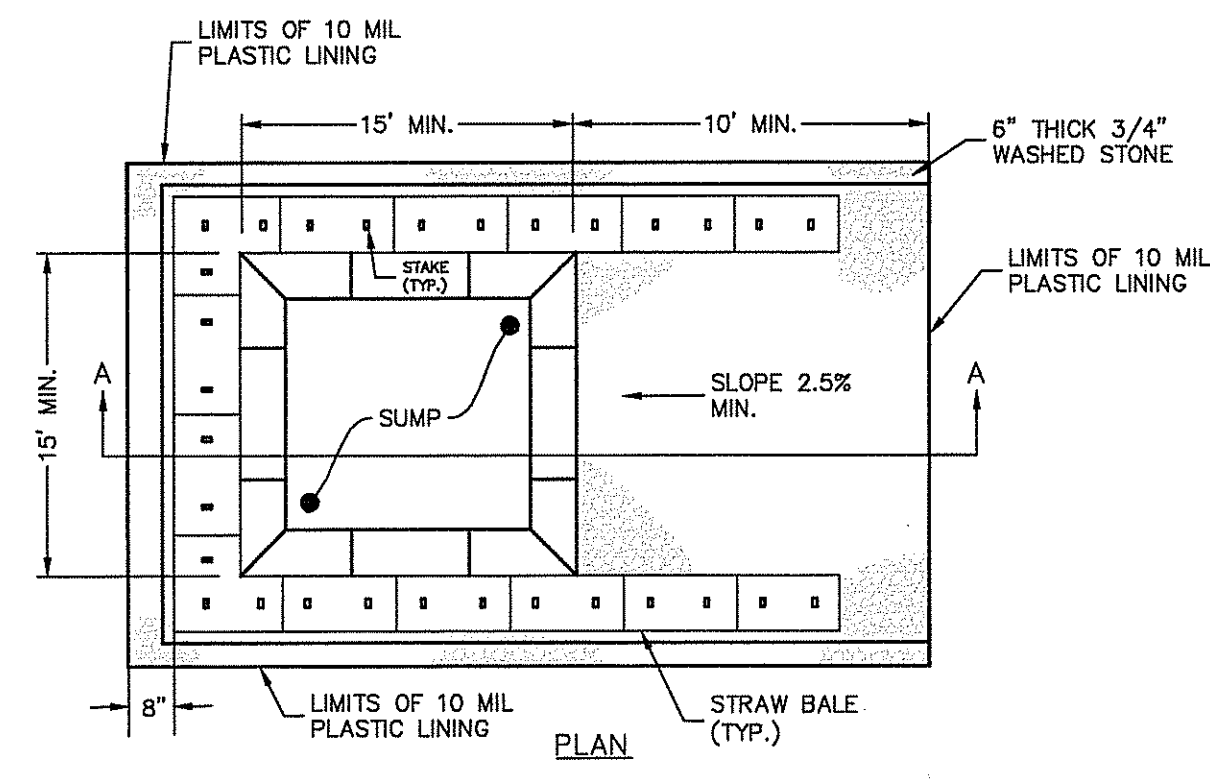
Vikon Properties
Applicant
678 George Washington Highway, Lincoln, RI 02865
Tel: (401) 334-8560

DESIGNED BY: DIPRETE ENGINEERING ASSOCIATES, INC.

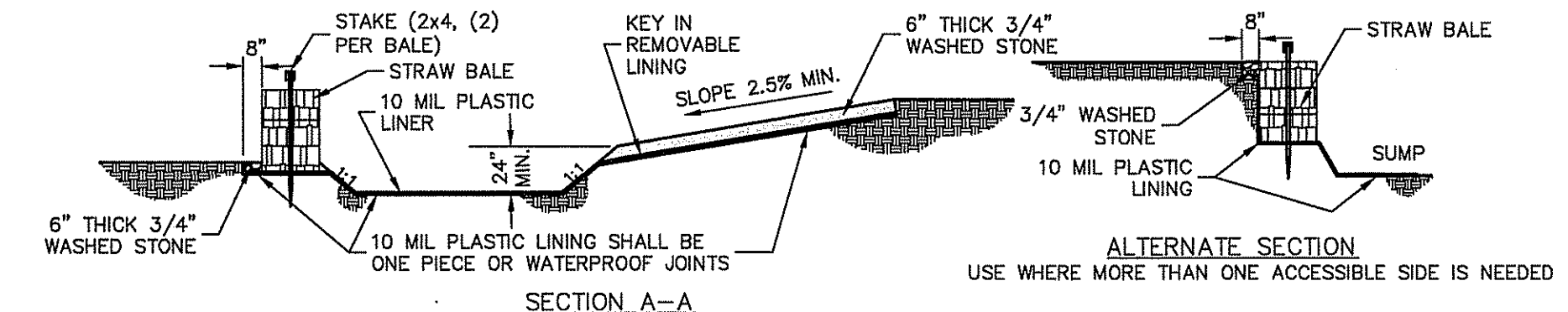
SHEET 5 OF 8



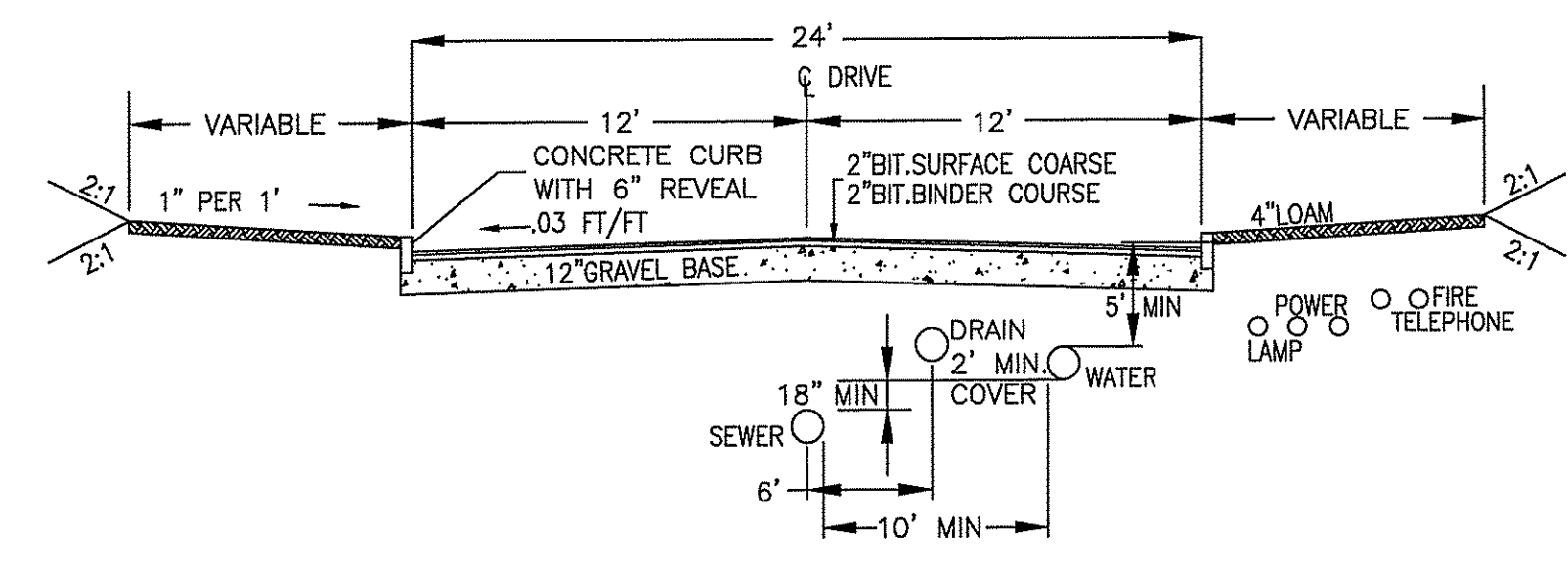
Stormtech Isolator Row Detail
NOT TO SCALE



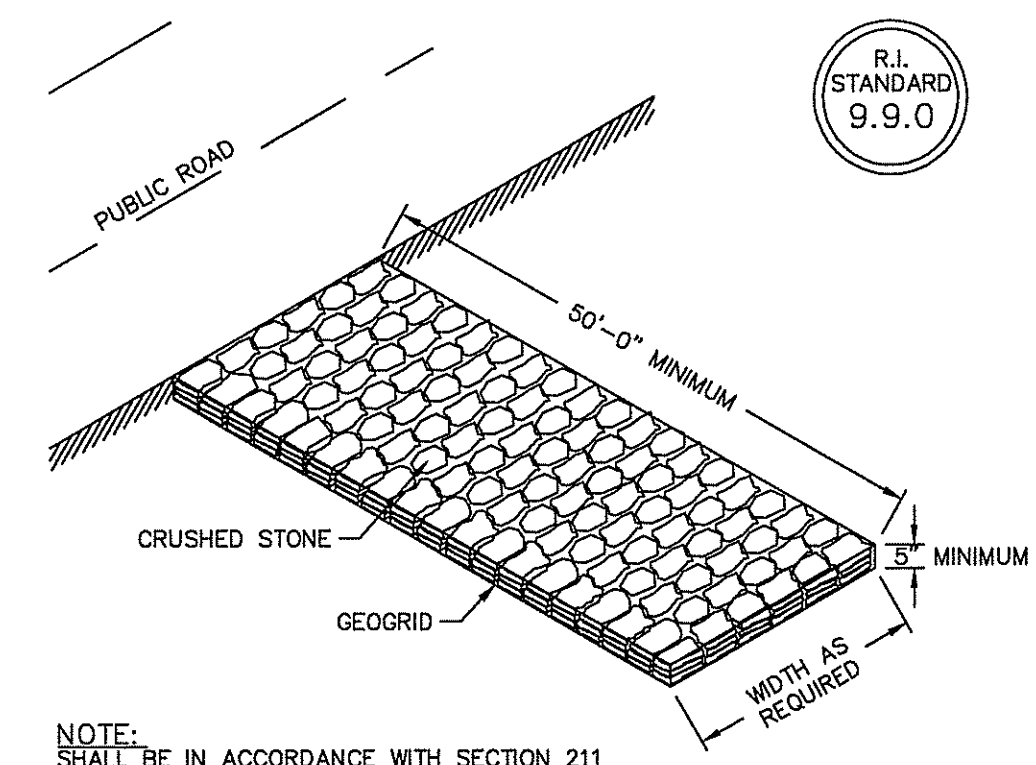
CONCRETE WASHOUT AREA
(NOT TO SCALE)



- NOTES:**
1. PIT IS SPECIFICALLY DESIGNED, DIKED AND IMPERVIOUS CONTAINMENT TO PREVENT CONTACT BETWEEN CONCRETE WASH AND STORMWATER.
 2. WASH WATER SHALL NOT BE ALLOWED TO FLOW TO SURFACE WATER.
 3. FACILITY MUST HOLD SUFFICIENT VOLUME TO CONTAIN CONCRETE WASTE WITH A MINIMUM FREEBOARD OF 12."
 4. FACILITY SHALL NOT BE FILLED BEYOND 95% CAPACITY UNLESS A NEW FACILITY IS CONSTRUCTED.
 5. SAW CUT PORTLAND CEMENT CONCRETE, RESIDUE FROM SAWCUT & GRINDING TO BE DISPOSED OF IN THE PIT.
 6. CONCRETE WASHOUTS SHALL BE LOCATED A MINIMUM OF 100' FROM DRAINAGE WAYS, INLETS, & SURFACE WATERS.
 7. MANUFACTURED CONCRETE WASHOUT DEVICES MAY BE USED IF REMOVED FROM THE SITE WHEN 95% FULL CAPACITY.

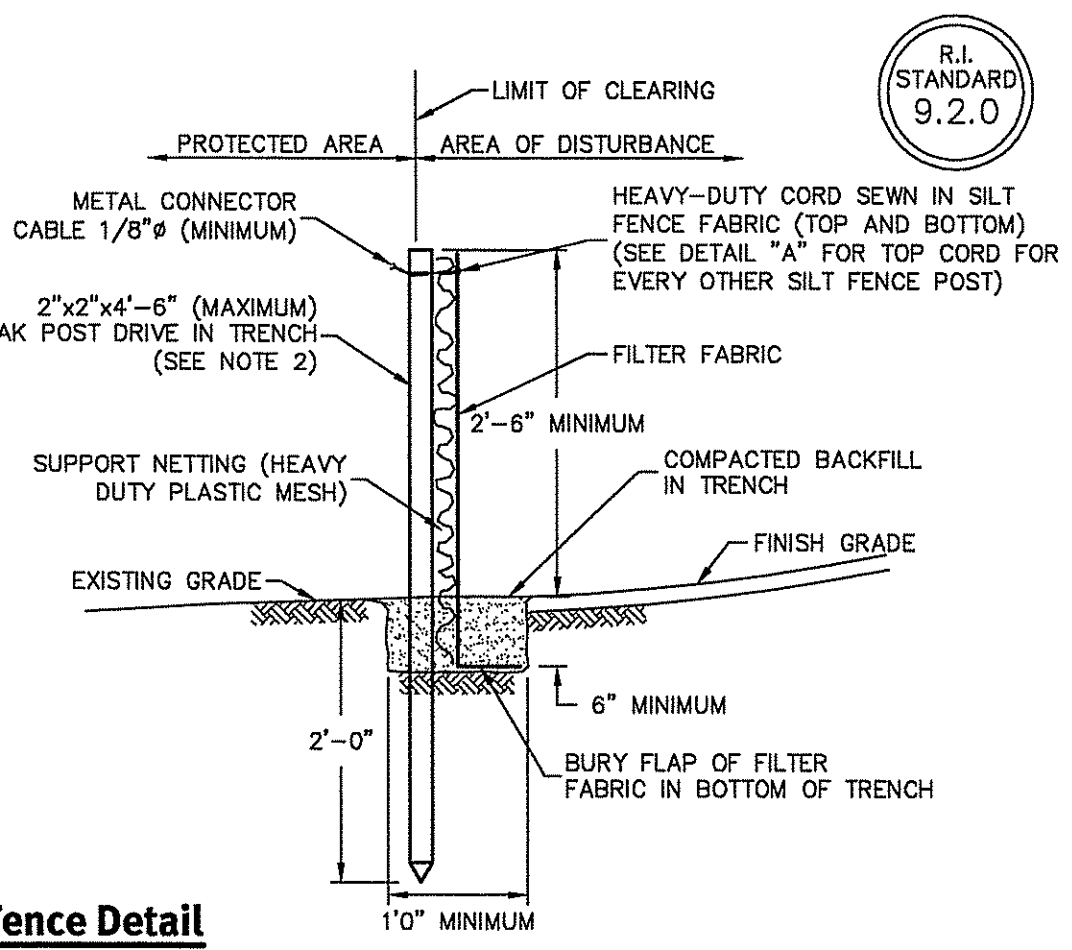


Typical Drive Cross Section
NOT TO SCALE



Construction Access
NOT TO SCALE

- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 208 OF THE R.I. STANDARD SPECIFICATIONS.
 2. 2"x2"x4"-6" (MAXIMUM) OAK POSTS FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAXIMUM) O.C. IN WETLAND AREAS AND 4'-0" (MAXIMUM) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
 3. 1"x1"x4"-6" (MINIMUM) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
 4. SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.



Silt Fence Detail
NOT TO SCALE

General Sewer Notes:

1. ALL REQUIREMENTS OF THE TOWN OF EAST GREENWICH SEWER ORDINANCE INCLUDING THE STANDARD SEWER REQUIREMENTS SET FORTH HEREIN SHALL BE ADHERED TO.
2. AT THE COMPLETION OF THE PROJECT, A SET OF AS-BUILT DRAWINGS SHALL BE SUBMITTED TO THE TOWN OF EAST GREENWICH SEWER DEPARTMENT (EGSD).

Sewer Line / Water Main Separation Policy:

KENT COUNTY WATER AUTHORITY RULES AND REGULATIONS 3.21.18: WATER MAINS SHALL BE LAID WITH A MINIMUM OF TEN-FOOT HORIZONTAL CLEARANCE FROM ANY EXISTING SEWER FACILITIES. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE. WATER MAINS CROSSING UNDER SEWERS SHALL BE FORBIDDEN. WATER MAINS CROSSING OVER SEWERS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL SEPARATION OF EIGHTEEN-INCHES BETWEEN THE INVERT OF THE WATER MAIN AND THE CROWN OF THE SEWER. RE-ALIGNMENT OF AN EXISTING WATER MAIN OR RELOCATION OF THE SEWER MAY BE NECESSARY TO ACHIEVE THIS VERTICAL SEPARATION. THE GENERAL MANAGER/CHIEF ENGINEER MUST APPROVE ANY DEVIATION FROM THESE REQUIREMENTS. CONCRETE ENCASUREMENT SHALL NOT BE ALLOWED IN THE DESIGN FOR SEWER AND WATER CROSSINGS.

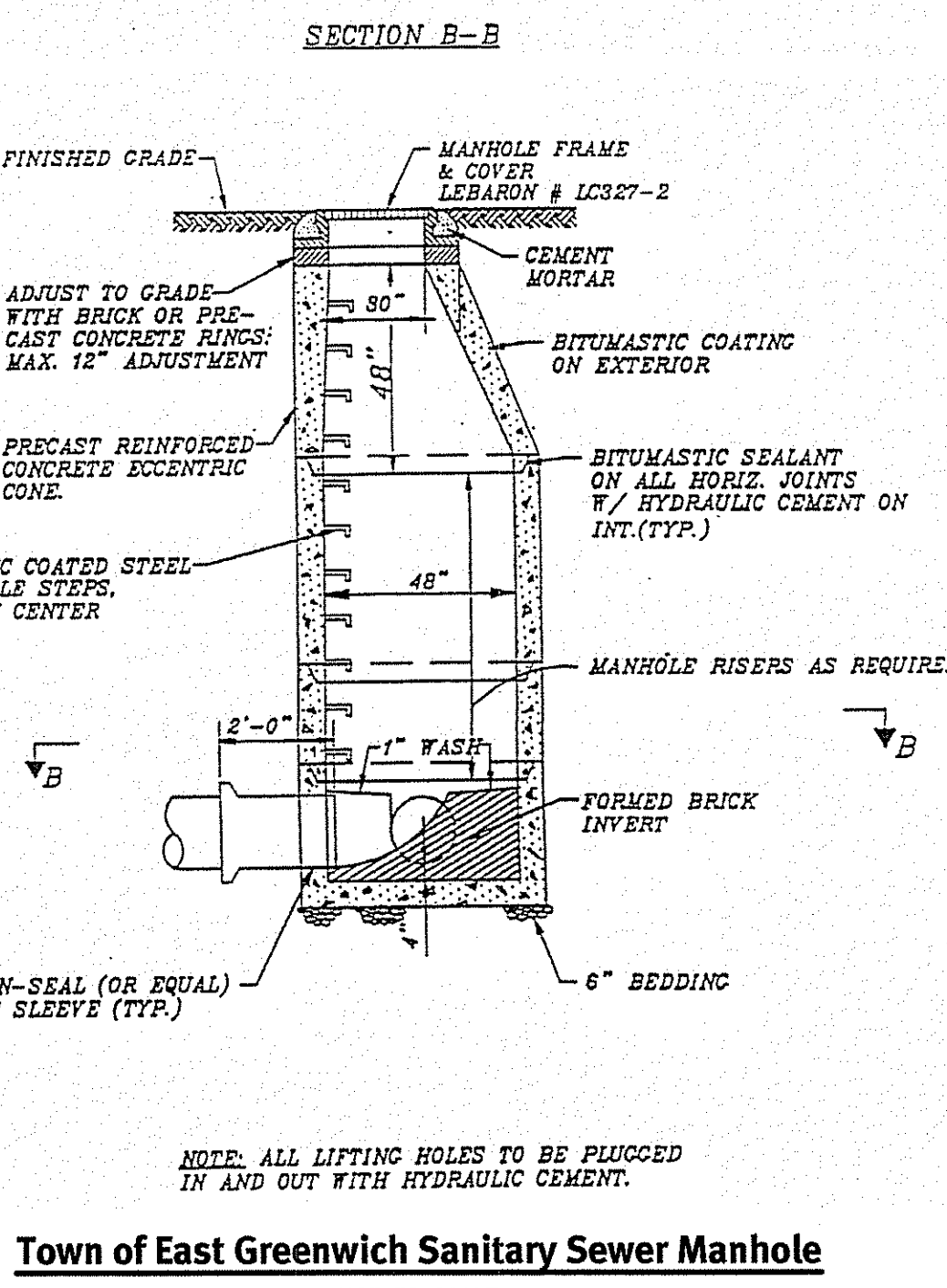
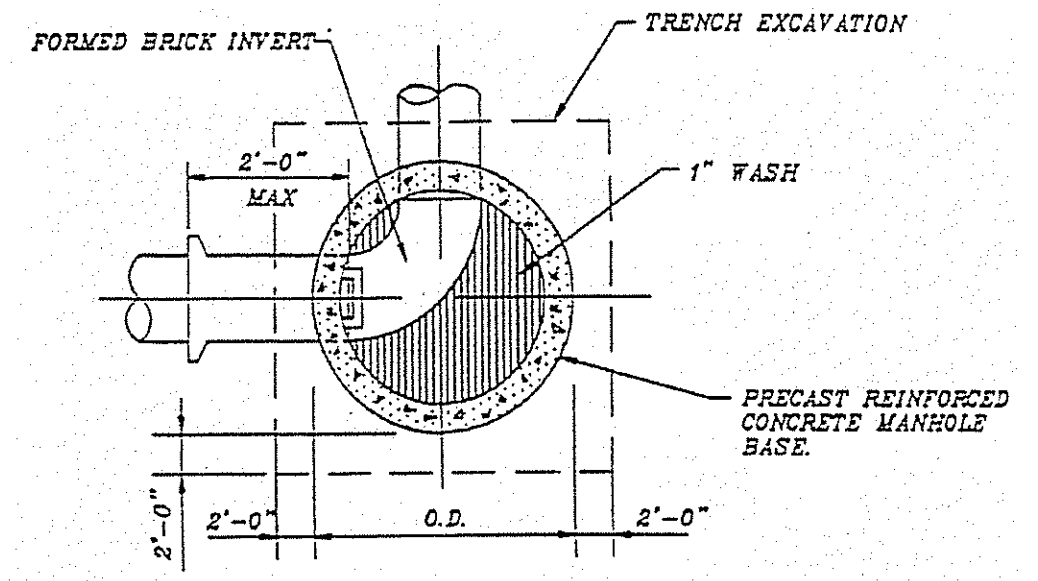
KENT COUNTY WATER AUTHORITY RULES AND REGULATIONS 3.14.6: A MINIMUM OF TEN-FOOT HORIZONTAL AND EIGHTEEN-INCH VERTICAL SEPARATION SHALL BE MAINTAINED IN THE PLACEMENT OF WATER MAINS, SERVICES OR APPURTENANCES WITHIN THE VICINITY OF SEWER FACILITIES OR VICE VERSA. IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN A TEN-FOOT HORIZONTAL SEPARATION OR IN THE CASE OF CROSSING THE EIGHTEEN-INCH VERTICAL SEPARATION, A DEVIATION FROM THIS RESTRICTION MAY BE ALLOWED ON A CASE BY CASE BASIS WITH PRIOR APPROVAL FROM THE GENERAL MANAGER/CHIEF ENGINEER AS TO THE PROPOSED MATERIALS AND INTERVENTIONS TO BE TAKEN TO PROTECT THE WATER SYSTEM FROM THE POSSIBILITY OF CONTAMINATION.

Sewer Main Testing:

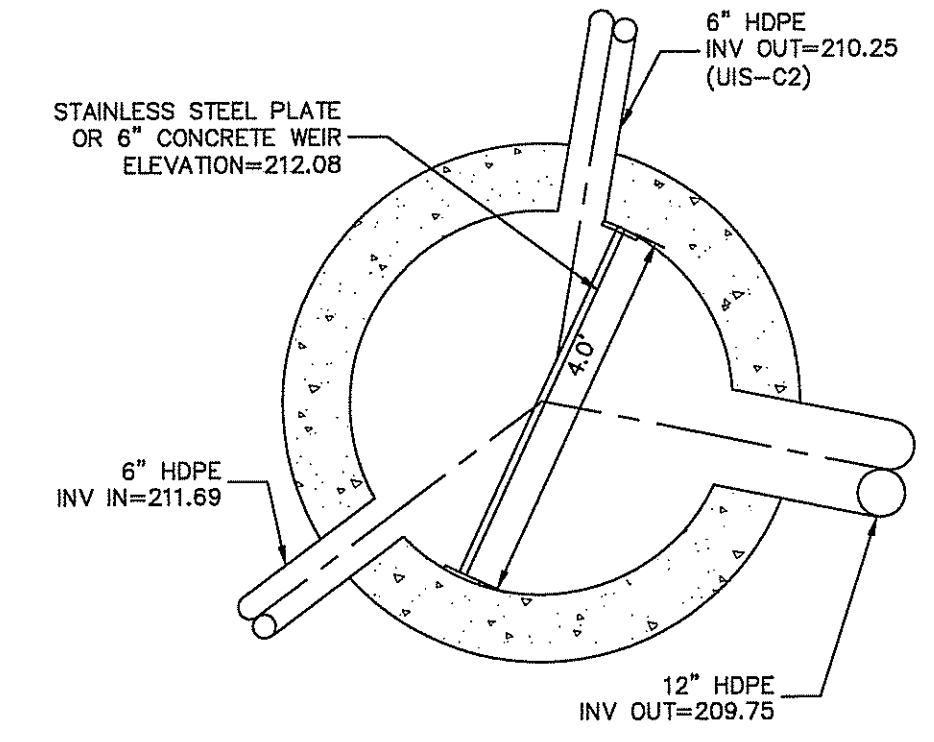
1. THE EAST GREENWICH SEWER DEPARTMENT (EGSD) SHALL BE NOTIFIED PRIOR TO INSTALLATION OF A SANITARY SEWER SYSTEM SO THAT INSPECTIONS CAN BE MADE THROUGHOUT THE PROJECT.
2. THE TESTING OF SEWER LINES AND MANHOLES SHALL BE CONDUCTED IN THE PRESENCE OF THE EGSD. THE EGSD SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF ANY TESTING.
3. TESTING OF EACH SECTION OF SEWER INSTALLED SHALL INCLUDE THE PORTIONS OF SERVICE CONNECTIONS THAT ARE TO BE INSTALLED IN THE PRESENCE OF THE EGSD. THE CONTRACTOR SHALL TEST EACH MANHOLE REACH AS SOON AS CONSTRUCTION OF SUCH REACH IS COMPLETE. THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE PIPE DEFLECTION TEST ON EACH SECTION OF PIPE INSTALLED, VACUUM TEST OF MANHOLES AND AN INFILTRATION TEST OR LOW PRESSURE TEST AS APPLICABLE.

Water Installation Notes:

1. INSTALLATION OF WATER MAIN SHALL CONFORM TO THE KENT COUNTY WATER AUTHORITY REQUIREMENTS FOR SERVICE AND MAIN INSTALLATION, LATEST EDITION, AND IN ACCORDANCE WITH THE DUCTILE IRON PIPE RESEARCH ASSOCIATION INSTALLATION MANUAL.
2. DISTRIBUTION PIPING SHALL BE CL 52 DUCTILE IRON, DOUBLE CEMENT LINED, WITH PUSH ON JOINTS. PIPE SHALL MEET ANSI/AWWA C151 A21.51. JOINTS SHALL MEET ANSI/AWWA C111/A21.11.
3. FITTINGS SHALL BE DUCTILE IRON MECHANICAL JOINT CL350 CEMENT MORTAR LINED AND MEET ANSI/AWWA C153/A21.53. MECHANICAL JOINTS SHALL MEET ANSI/AWWA C111/A21.11 AMERICAN MANUFACTURER ONLY.
4. VALVES SHALL BE MECHANICAL JOINT, DOUBLE DISC PARALLEL SEAT OR RESILIENT SEAT GATE STYLES AS FOLLOWS
 - A. MUELLER CORPORATION DOUBLE DISC PARALLEL SEAT.
 - B. AMERICAN DARLING VALVE RESILIENT SEAT MODEL CRS-80.
5. PRESSURE TEST OF THE WATER SYSTEM SHALL BE 1.5 TIMES THE MAXIMUM WORKING PRESSURE OR 150 PSI. NOTIFY KENT COUNTY WATER AUTHORITY 2 DAYS PRIOR TO TEST.
6. NOTIFY THE KENT COUNTY AUTHORITY 5 DAYS PRIOR TO CONSTRUCTION COMMENCEMENT.
7. CHLORINATION OF SYSTEM AND SAMPLING SHALL CONFORM TO SEC. 3.5 OF REQUIREMENTS FOR SERVICE AND MAIN INSTALLATION.
8. NOTIFY ENGINEER PRIOR TO COVERING OF WATER MAIN TO SURVEY AS-BUILT LOCATION AND TO COMPLETE REQUIRED AS-BUILT PLAN. ENGINEER WILL NOT ACCEPT FIELD MEASUREMENTS FROM THE CONTRACTOR.
9. TEMPORARY CONNECTION FOR FLUSHING AND DISINFECTION MUST BE SIZED TO ENSURE 2.5 FEET PER SECOND FLOW PER AWWA AND KENT COUNTY AUTHORITY STANDARDS.



Town of East Greenwich Sanitary Sewer Manhole
NOT TO SCALE

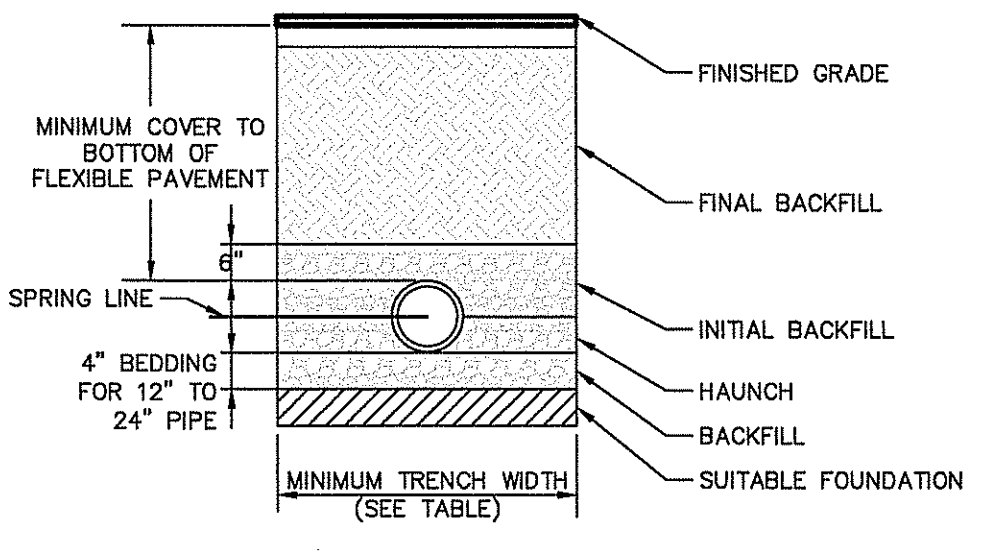


DMH-71 Outlet Control

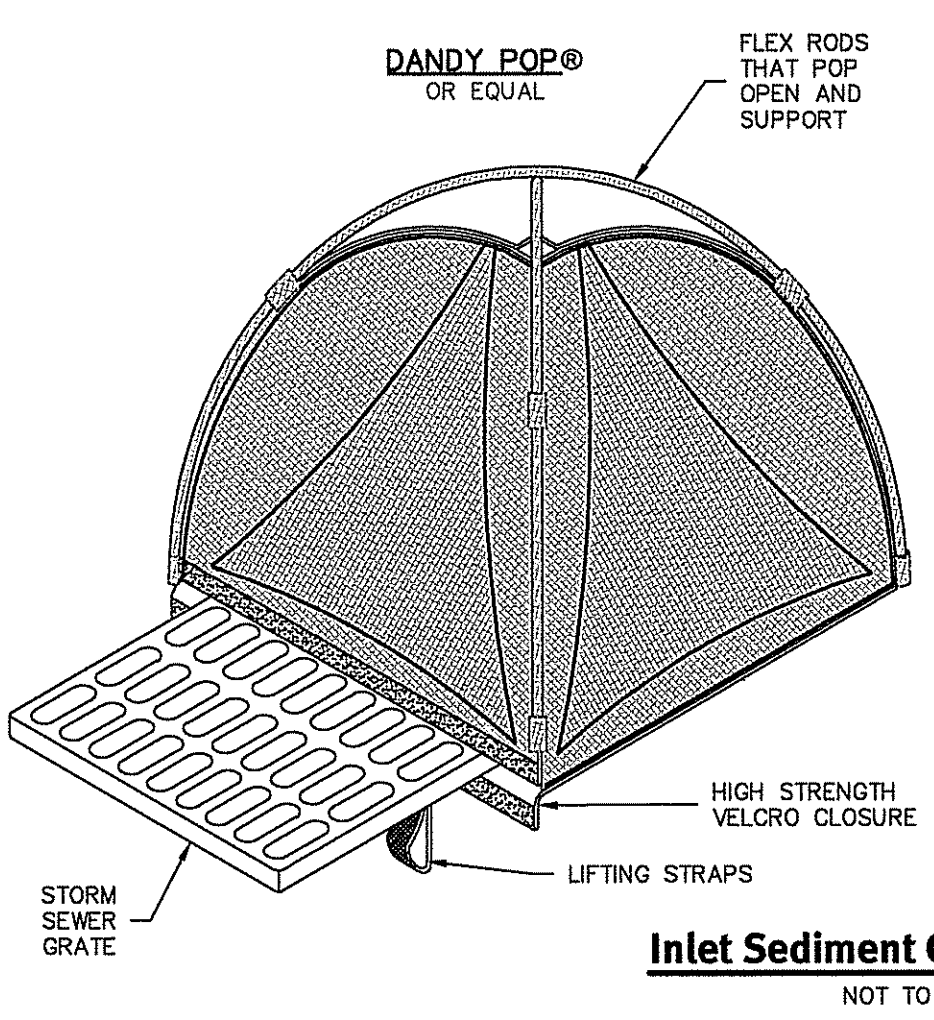
INSTALLATION NOTES:

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 FLOATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" # PIPE AND 24" OF COVER FOR 54"-60" # PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TOP OF RIGID PAVEMENT.

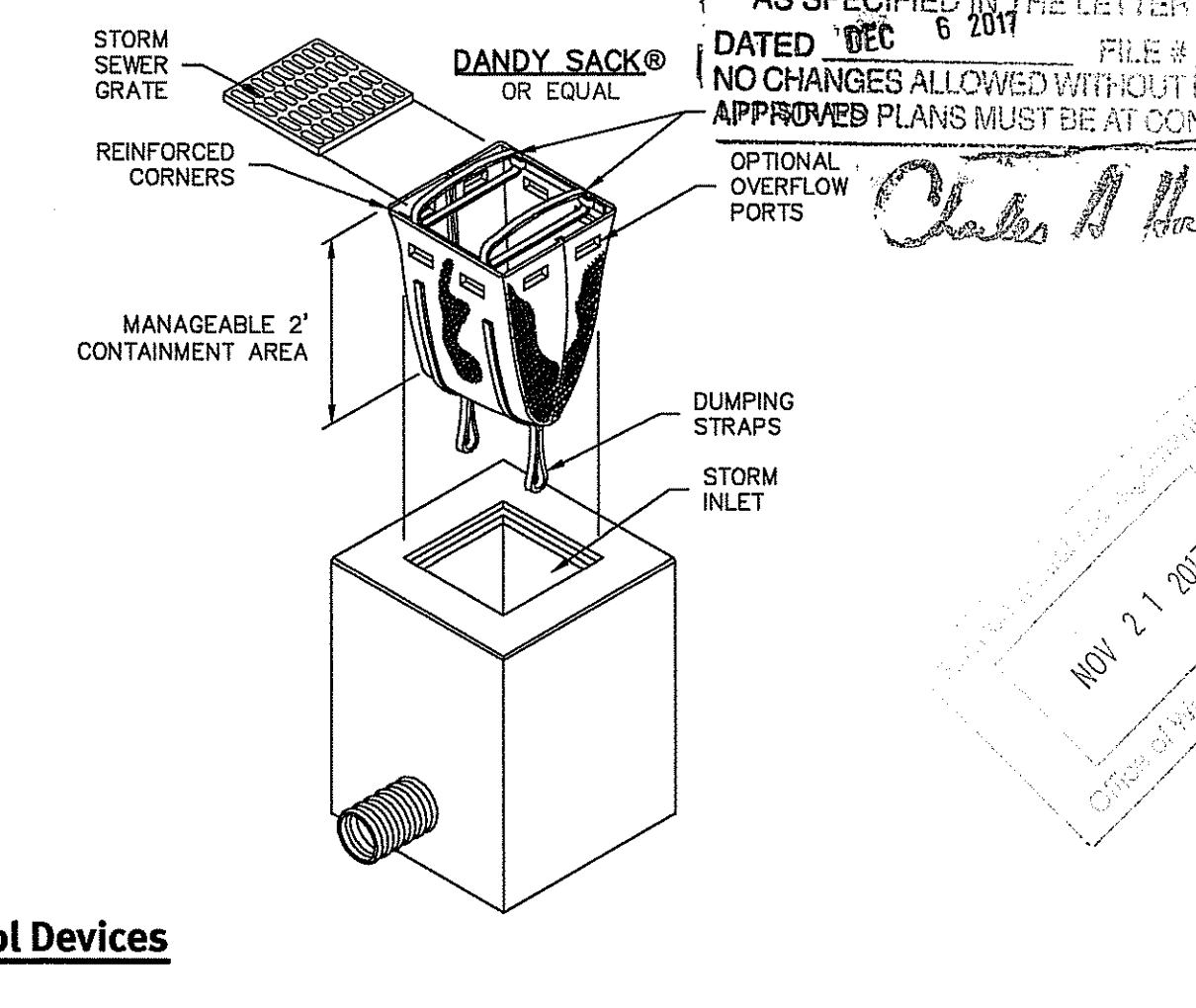
PIPE #	MINIMUM TRENCH WIDTH
6"	23"
8"	26"
12"	30"
15"	34"
24"	39"



HDPE Trench Detail
NOT TO SCALE



Inlet Sediment Control Devices
NOT TO SCALE



Vistas on the Trail

TOWN OF EAST GREENWICH, R.I.
PERMITTING AUTHORITY CHAIR
OR DESIGNEE.

CHAIR _____ DATE _____

CHRISTOPHER A. DUHAMEL
REGISTERED PROFESSIONAL ENGINEER
CIVIL

This regulatory submission set shall not be used for construction purposes unless stamped 'Issued for Construction' and signed by a DiPrete Engineering representative.

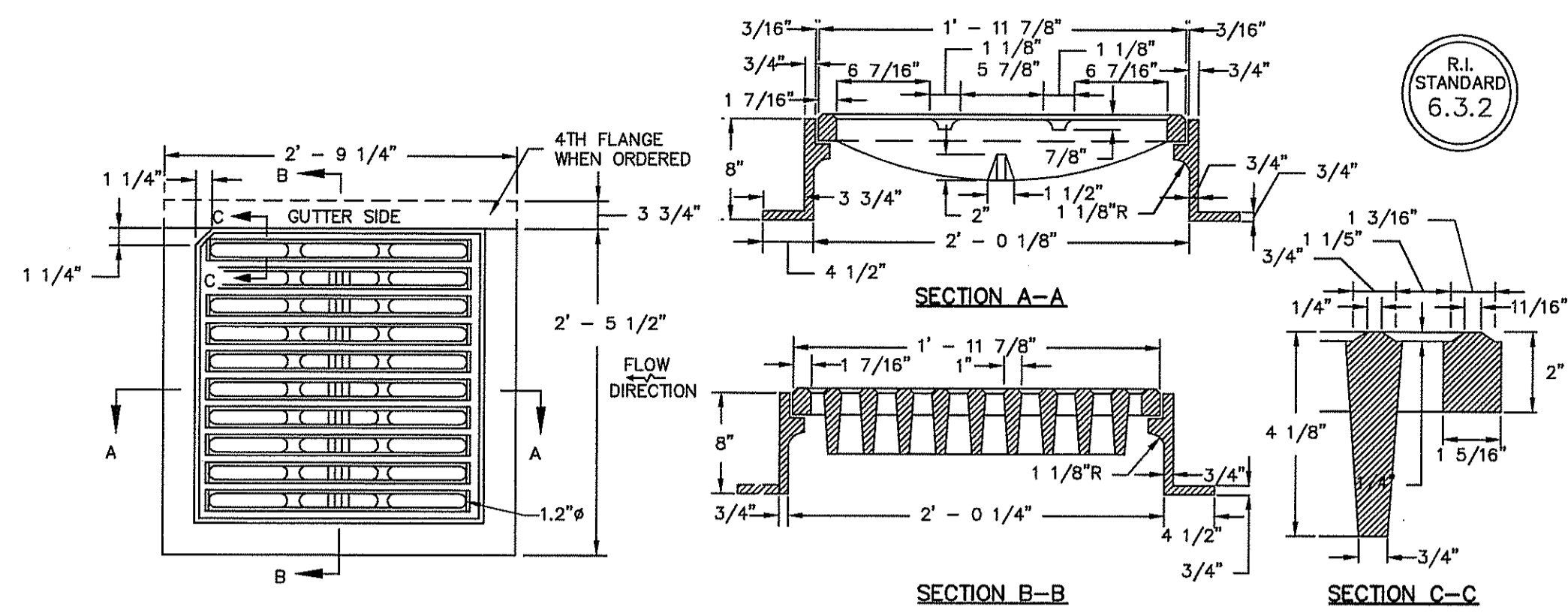
The contractor is responsible for all of the means, methods, safety precautions and requirements, and OSHA compliance in the implementation of this plan and design.

NO.	DATE	DESCRIPTION	BY	DESIGN BY: C.A.D.
1	10/20/2017	Initial Submission	J.A.D.	
2	10/20/2017	Revised Submission	J.A.D.	
3	10/20/2017	Revised Submission	J.A.D.	
4	10/20/2017	Revised Submission	J.A.D.	
5	10/20/2017	Revised Submission	J.A.D.	

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH COMMENTS

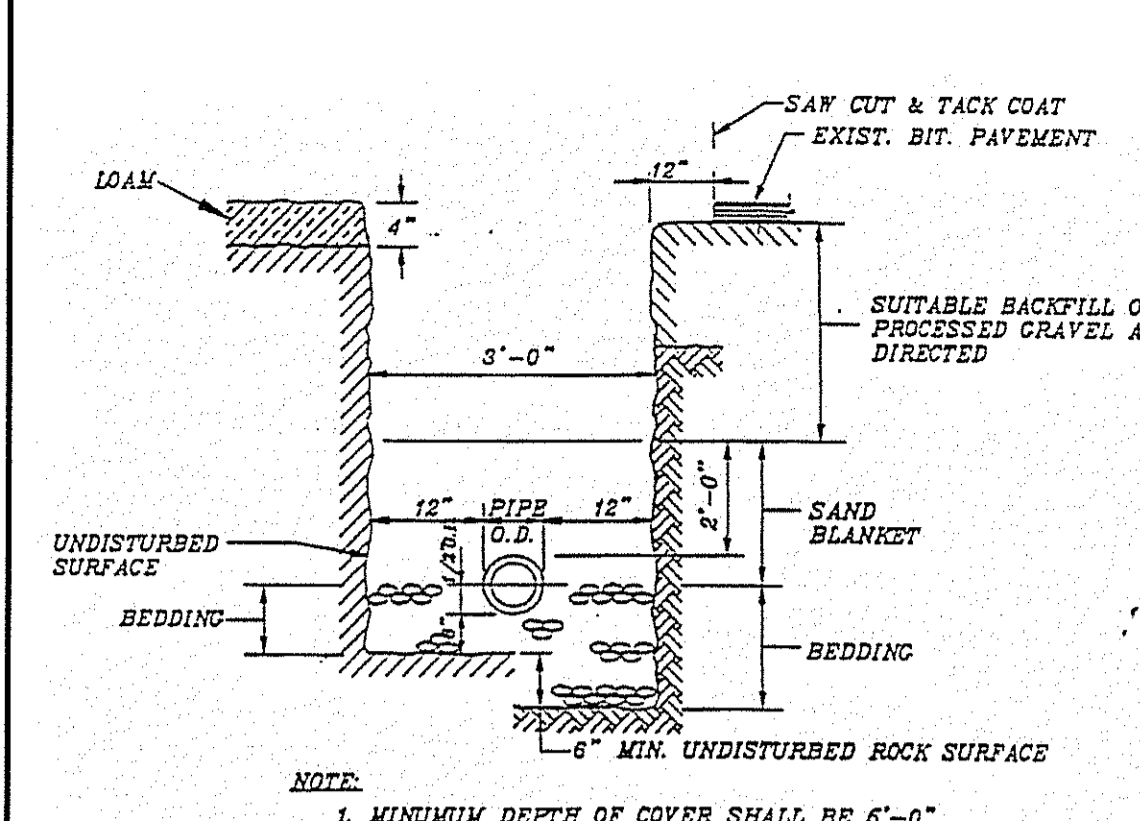
DATED 10/20/2017 FILE # 17-0095
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION

NOV 21 2017



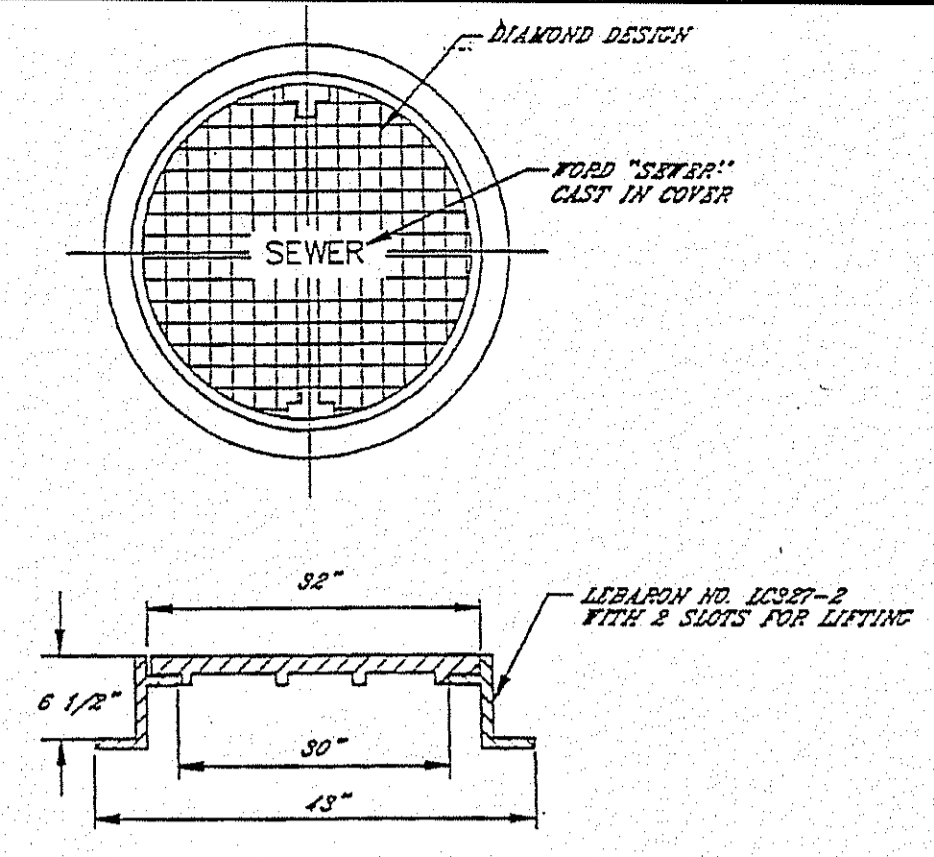
Square Frame And Grate (Bicycle Safe)

NOT TO SCALE



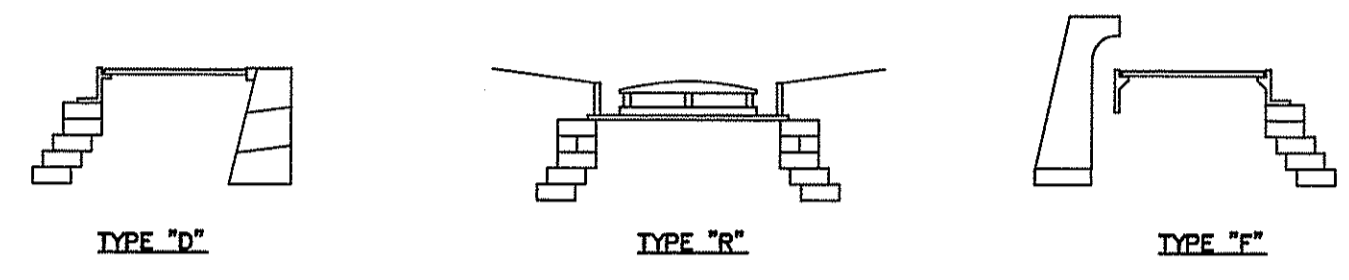
Town of East Greenwich Sewer Trench

NOT TO SCALE



Town of East Greenwich Sewer Manhole Frame & Cover

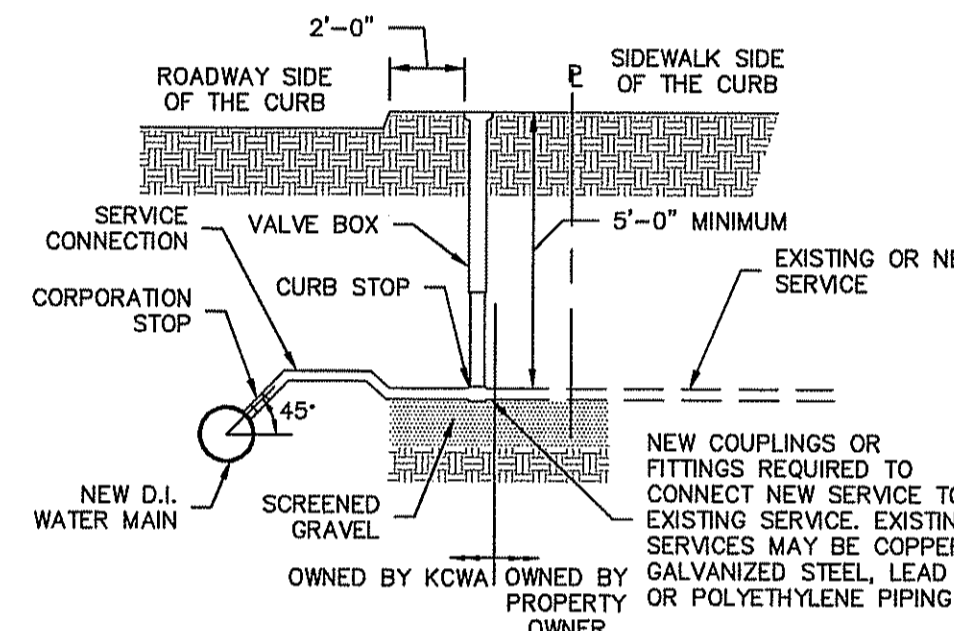
NOT TO SCALE



TYPE CATCH BASIN AS REQUIRED

STANDARD 4.4.0

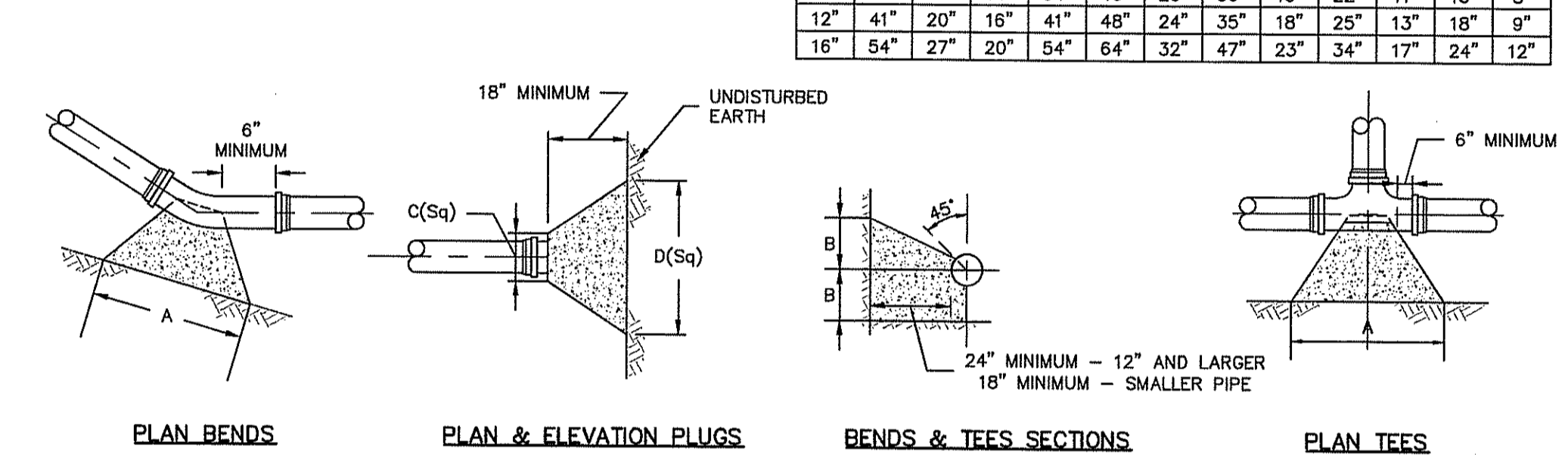
- NOTES:**
- SERVICE MATERIALS PER KCWA SPECIFICATIONS UNLESS CITY OR TOWN CODES REQUIRE SPECIFIC MATERIALS THAT HAVE BEEN APPROVED BY KCWA.
 - SERVICE LINE FROM CURB BOX TO BUILDING SHALL BE INSPECTED, TESTED AND APPROVED BY THE LOCAL PLUMBING INSPECTOR.
 - FROM KENT COUNTY WATER AUTHORITY DETAIL DATE: 09-2006



KCWA Service Connection

NOT TO SCALE

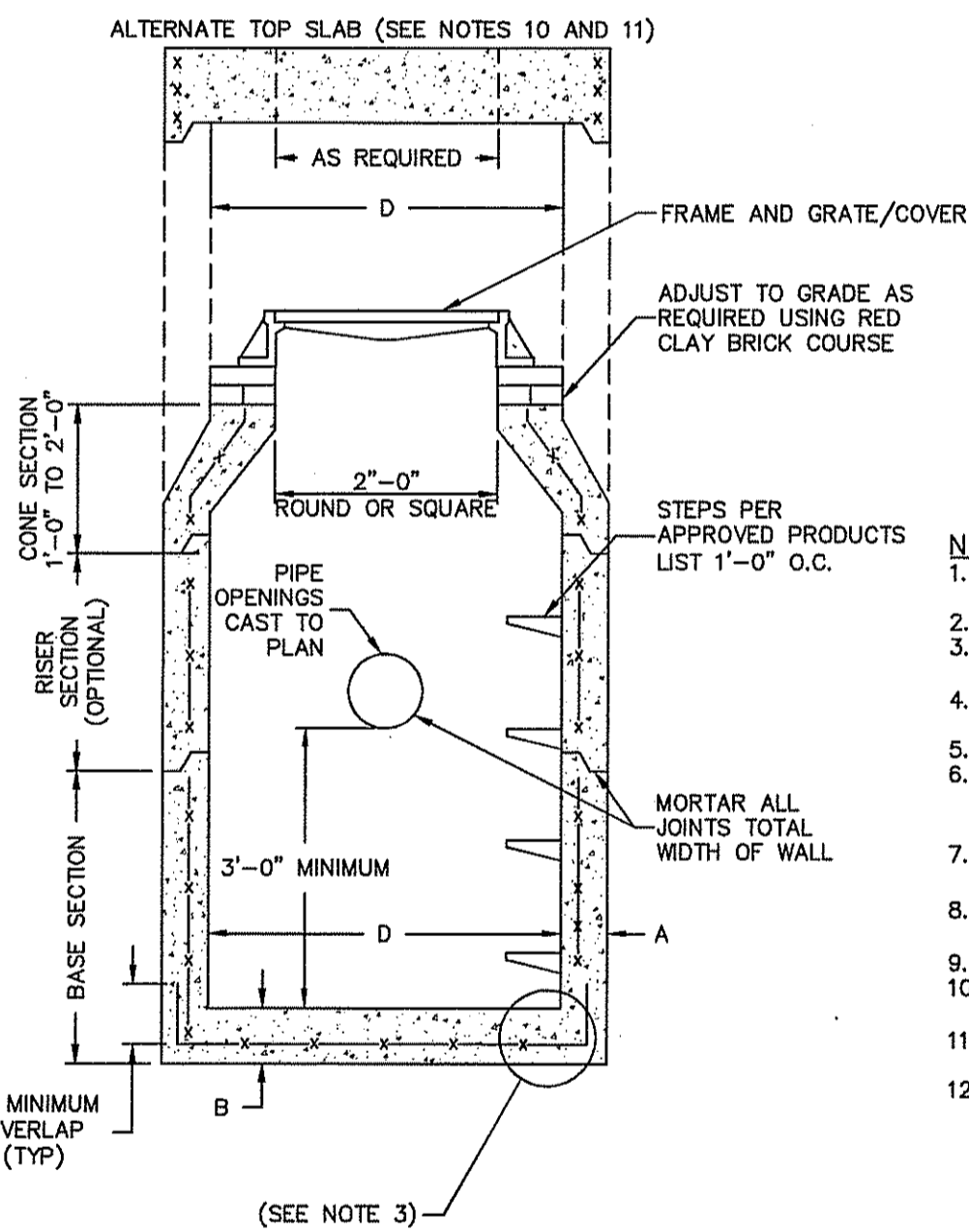
- NOTES:**
- ALL CONCRETE SHALL BE 4,000 P.S.I. @ 28 DAYS
 - CONCRETE THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED EARTH
 - FORMS TO BE USED AS NECESSARY
 - ALL BOLTS AND NUTS TO BE PROTECTED FROM CONCRETE AND EASILY ACCESSIBLE WHEN THRUST BLOCK INSTALLED
 - REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF RHODE ISLAND SHALL VERIFY CALCULATIONS DURING DESIGN TO MEET CONDITIONS OF PROJECT.



Thrust Block

NOT TO SCALE

SIZE	TEES				PLUGS				90° BEND		45° BEND		22.5° BEND		11.25° BEND	
	A	B	C	D	A	B	C	D	A	B	A	B	A	B	A	B
6"	20"	10"	10"	21"	24"	12"	18"	9"	13"	7"	9"	5"				
8"	26"	13"	12"	26"	32"	16"	24"	12"	17"	9"	12"	6"				
10"	34"	17"	14"	34"	40"	20"	30"	15"	22"	11"	15"	8"				
12"	41"	20"	16"	41"	48"	24"	35"	18"	25"	13"	18"	9"				
16"	54"	27"	20"	54"	64"	32"	47"	23"	34"	17"	24"	12"				



Precast Round Catch Basin

NOT TO SCALE

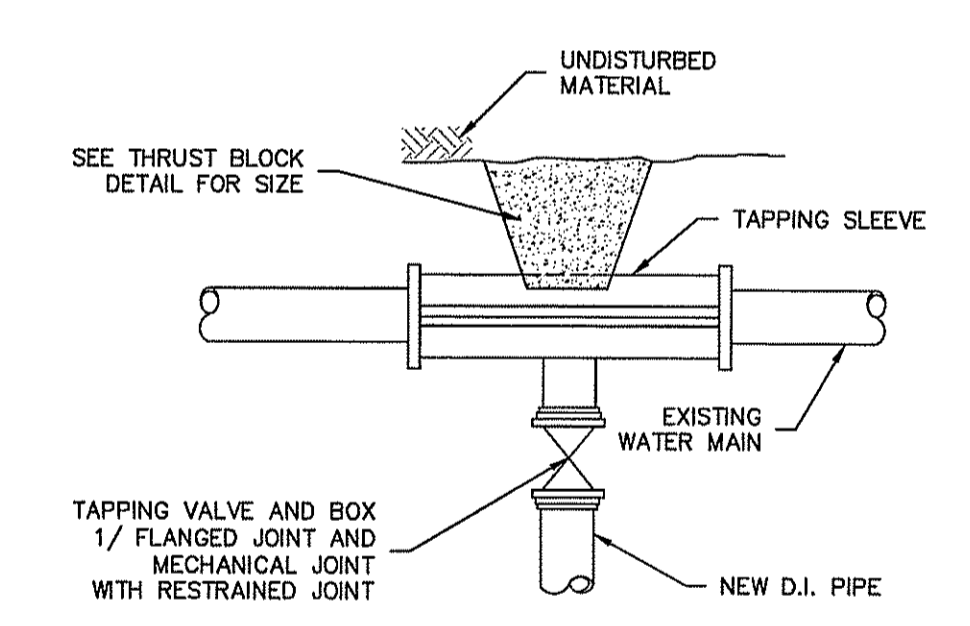
- NOTES:**
- SHALL BE IN ACCORDANCE WITH SECTION 702 OF THE R.I. STANDARD SPECIFICATIONS.
 - SEE TABLE 1 FOR STEEL REINFORCEMENT REQUIREMENTS.
 - STEEL REINFORCEMENT FOR BASE SECTION BOTTOM SHALL BE A MINIMUM OF 0.12 SQUARE INCH/LIN. FOOT (BOTH WAYS).
 - STEPS SHALL CONFORM TO STD. 5.3.0 AND SHALL BE INSTALLED AT THE CASTING PLANT.
 - ONE POUR MONOLITHIC BASE SECTION.
 - ANY NECESSARY ADJUSTMENTS DURING CONSTRUCTION WILL BE DONE BY SAWCUTTING AND/OR CORING ONLY. NO JACKHAMMERS, HAMMERS AND CHISELS OR PNEUMATIC TOOLS WILL BE ALLOWED.
 - CORREL MADE OF RED CLAY BRICK WILL BE PERMITTED FOR THE "CONE SECTION" OF THE 4'-0" CATCH BASIN ONLY.
 - FOR CATCH BASIN TYPES "D" AND "F" STEPS MUST BE INSTALLED ON THE CURB SIDE OF THE STRUCTURE.
 - THE CENTERLINE OF THE OPENING MUST BE WITHIN 2'-0" FROM THE STEPS.
 - ALTERNATE TOP SLAB IS STEEL REINFORCED TO MEET OR EXCEED H-25 LOADING (SEE STD. 4.7.2).
 - ALTERNATE TOP SLAB IS ONLY FOR USE WHEN REDUCING SECTION DOES NOT FIT BECAUSE OF STRUCTURE DEPTH.
 - REFER TO STD. 5.2.0 FOR MAXIMUM PIPE SIZES.

TABLE 1

CATCH BASIN DIAMETER (D)	CIRCUMFERENTIAL STEEL REINFORCEMENT REQUIRED*	
	A	B
4'-0"	5"	6"
5'-0"	6"	7"
6'-0"	7"	8"

* FOR LONGITUDINAL (VERTICAL STANDING) REINFORCEMENT REFER TO ASTM C478, ITEM 8.1.2

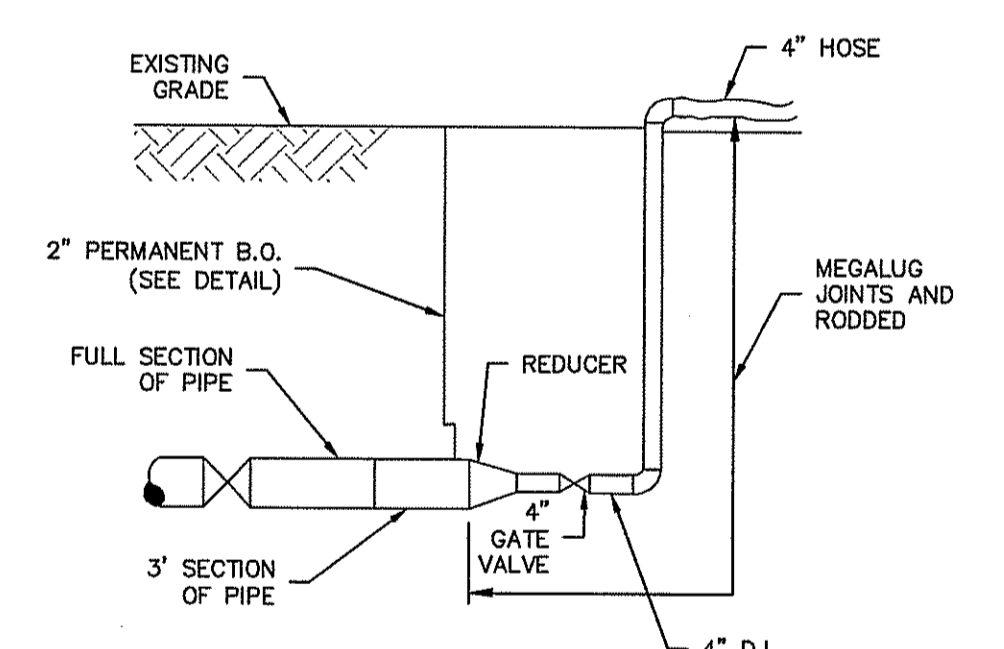
- NOTES:**
- TAPPING SLEEVE AND VALVE TO BE SWABBED WITH CHLORINE SOLUTION.
 - FROM KENT COUNTY WATER AUTHORITY DETAIL DATE: 09/2006
 - SEE ERRATUM TO RULES AND REGULATIONS OF THE KENT COUNTY WATER AUTHORITY 4.9.1.3 TAPPING SLEEVE AND VALVE APPROVED FEBRUARY 15, 2007.



KCWA Tapping Sleeve & Valve

NOT TO SCALE

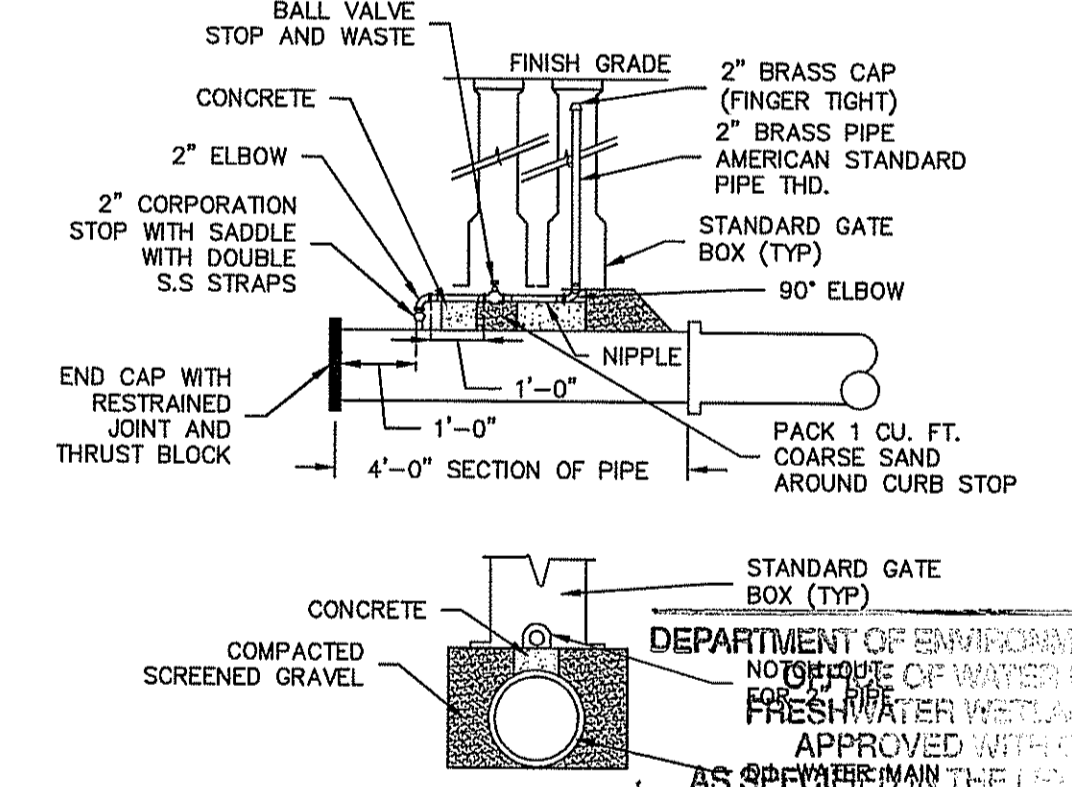
- NOTES:**
- AFTER THE COMPLETION OF THE FINAL FLUSHING THE CONTRACTOR SHALL REMOVE THE TEMPORARY CONNECTION AND INSTALL A CAP WITH MEGALUGS AND A THRUST BLOCK.
 - FROM KENT COUNTY WATER AUTHORITY DETAIL DATE: 09/2006



KCWA Temporary Flushing Connection On Dead End Water Main

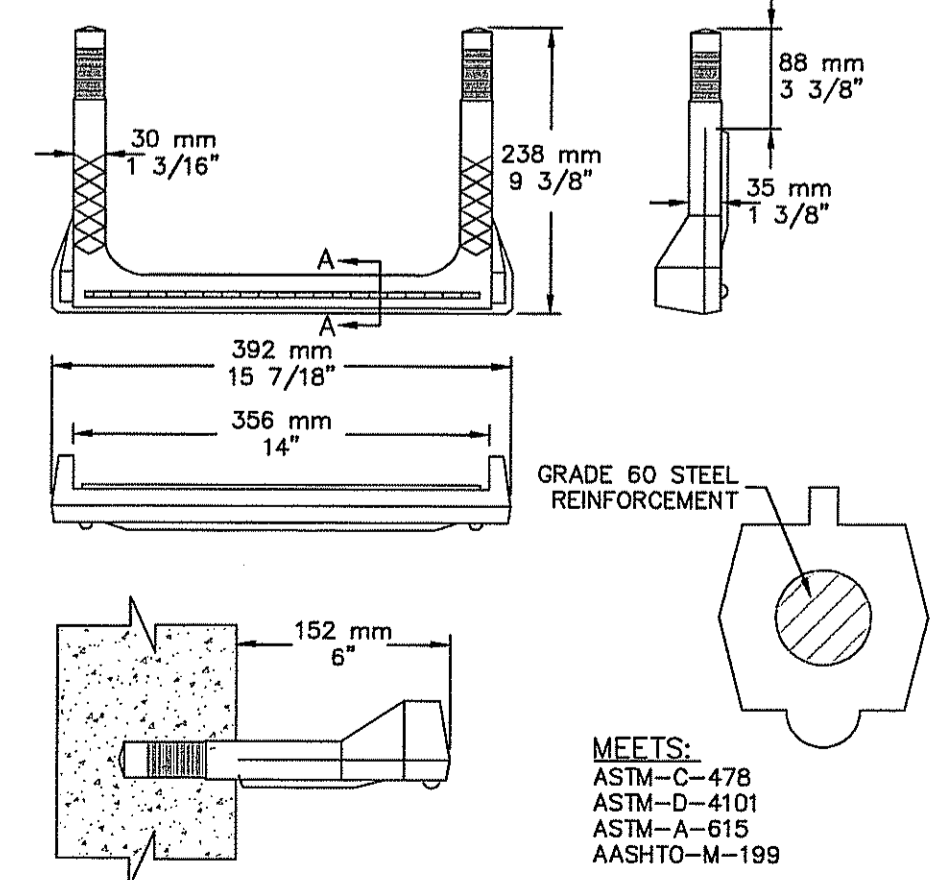
NOT TO SCALE

- NOTE:**
- FROM KENT COUNTY WATER AUTHORITY DETAIL DATE: 09/2006



KCWA Permanent Blowdown Assembly

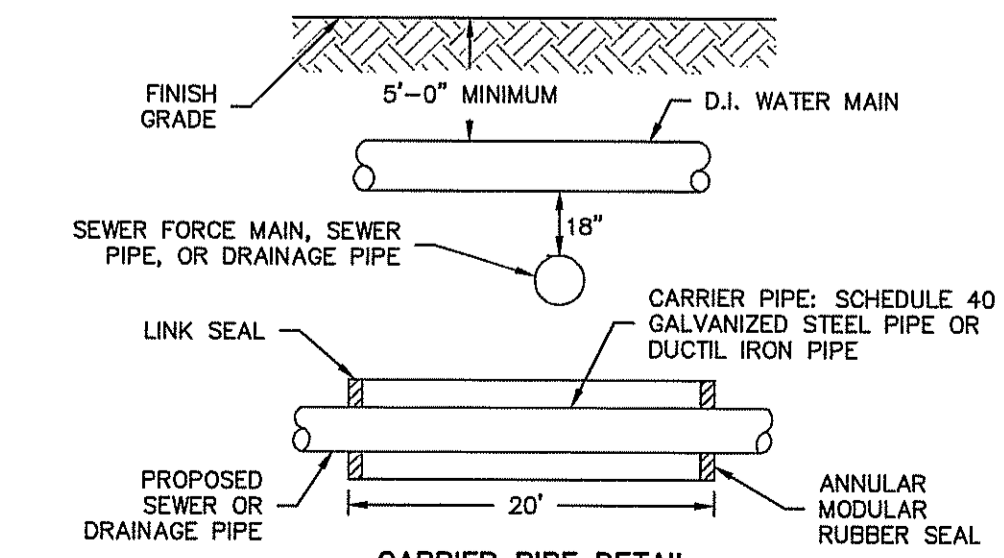
NOT TO SCALE



Manhole Step

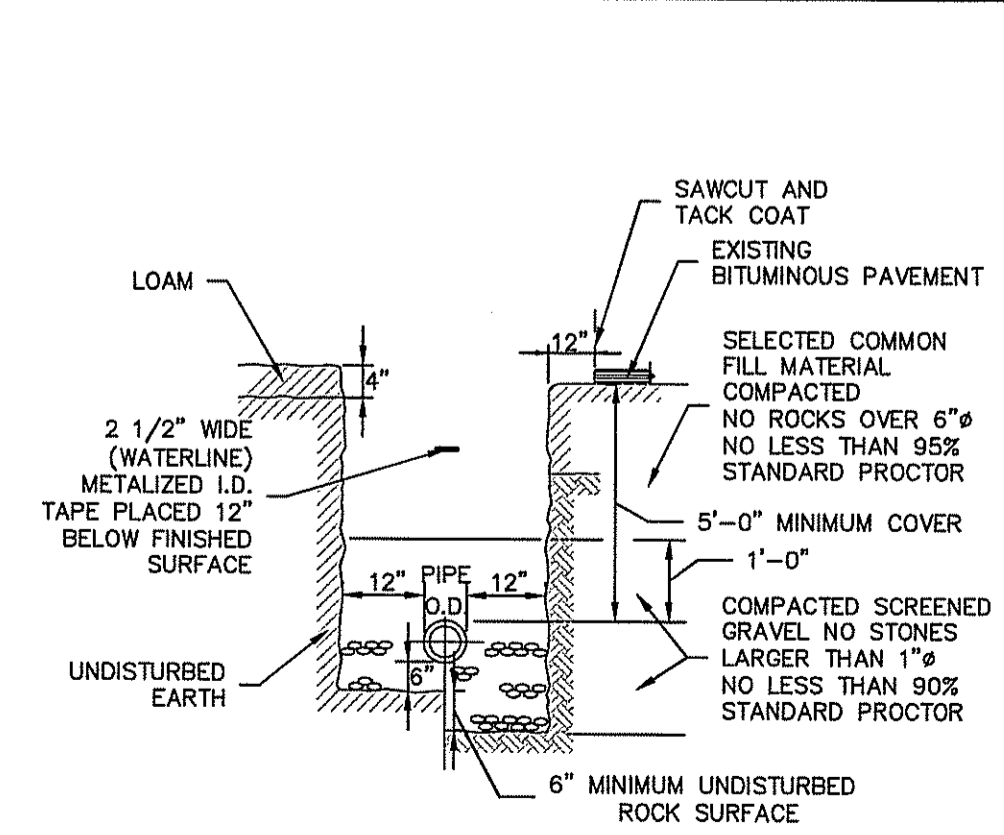
NOT TO SCALE

- NOTES:**
- THE VERTICAL SEPARATION BETWEEN THE WATER MAIN AND THE PROPOSED UTILITY SHOULD BE A MINIMUM OF 18".
 - THE HORIZONTAL SEPARATION BETWEEN THE WATER MAIN AND THE PROPOSED UTILITY SHALL BE A MINIMUM OF 10".
 - IF 1 OR 2 CAN NOT BE MAINTAINED THE PROPOSED UTILITY SHALL BE INSTALLED WITHIN A CARRIER PIPE UPON WRITTEN APPROVAL BY THE KCWA.
 - SEWER MAIN AND SERVICES ARE NOT ALLOWED TO CROSS OVER THE TOP OF THE WATER MAIN.
 - CONCRETE ENCASEMENT IS NOT ALLOWED.
 - FROM THE KENT COUNTY WATER AUTHORITY DETAIL DATE: 09/2006



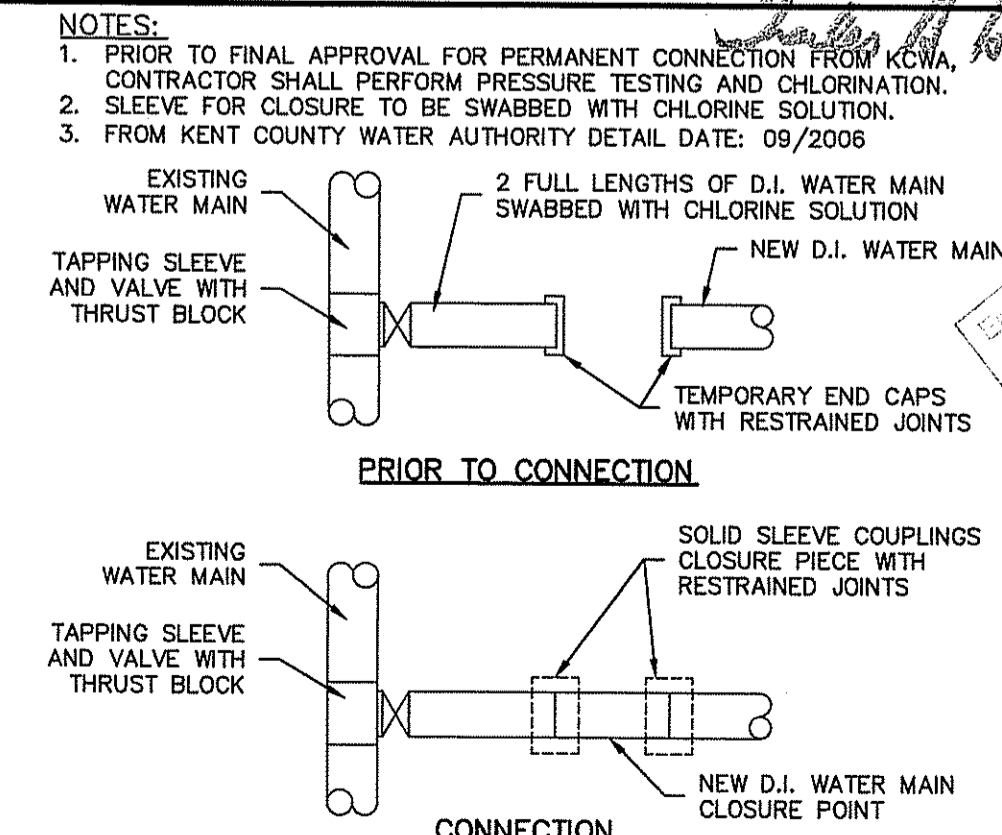
KCWA Utility Separation

NOT TO SCALE



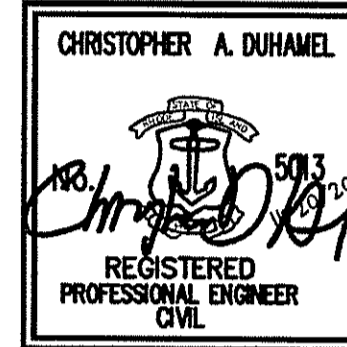
KCWA Trench Installation In Rock & Soil

NOT TO SCALE



KCWA Connection Of New Water Main To Existing Water Main

NOT TO SCALE



This regulatory submission set shall not be used for construction purposes unless stamped/issued for Construction and signed by a DiPrete Engineering representative.

The contractor is responsible for all of the means, methods, safety precautions and requirements, and OSHA compliance in the implementation of this plan and design.

No.	Date	Description	By	Check
1	09/2007	Initial Preliminary Determination	J.A.D.	
2	09/2007	Final Preliminary Determination	J.A.D.	
3	09/2007	Final Preliminary Determination	J.A.D.	
4	09/2007	Final Preliminary Determination	J.A.D.	
5	09/2007	Final Preliminary Determination	J.A.D.	

Design By: J.A.D.

Detail - 2

Vistas on the Trail

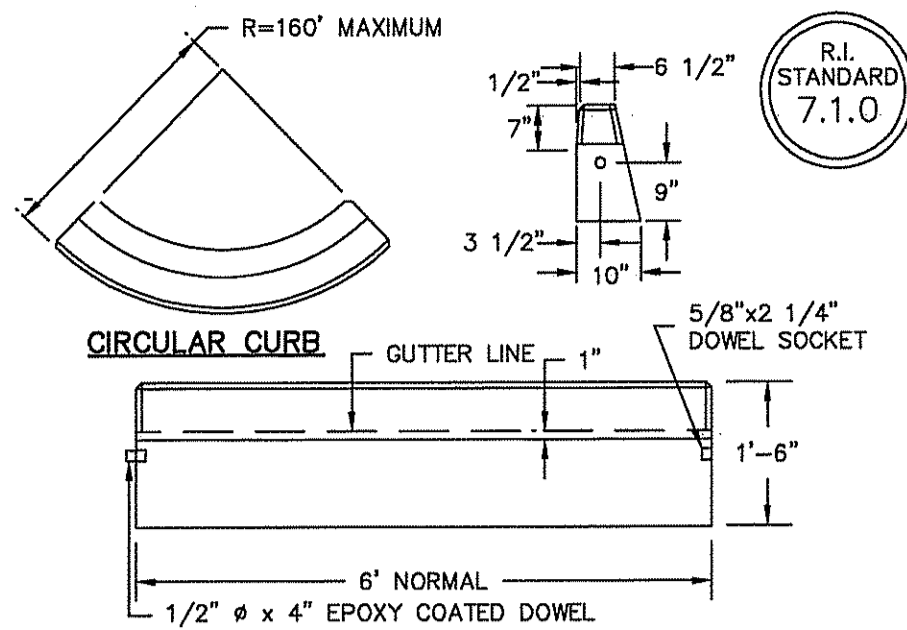
East Greenwich, Rhode Island
Assessor's Plat: 00-D, Lot: 26

Vikon Properties

676 George Washington Highway, Lincoln, RI 02865
Tel: (401) 334-8360

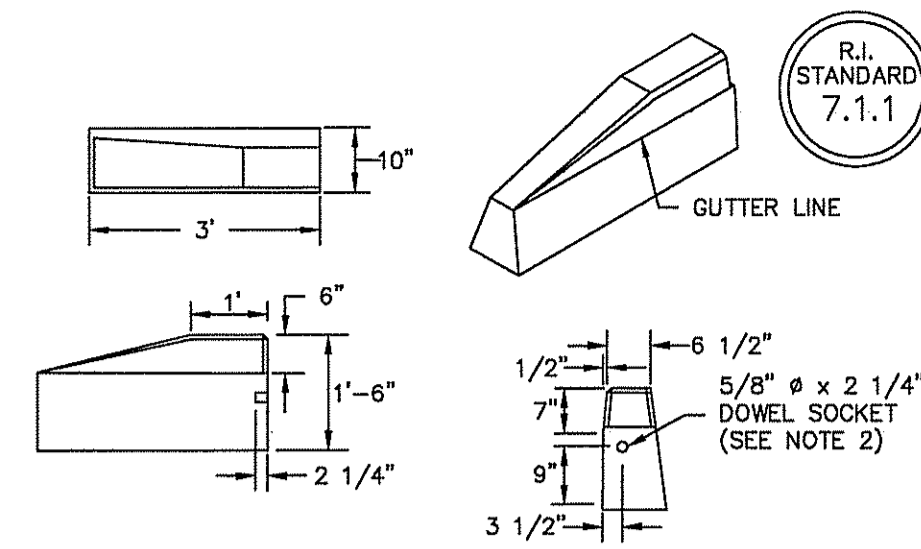
APPLICANT: Vikon Properties
DESIGNER: DiPrete Engineering Associates, Inc.

NOV 21 2017



- NOTES:**
- SHALL BE IN ACCORDANCE WITH SECTION 905 OF THE R.I. STANDARD SPECIFICATIONS.
 - MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER PIECES TO BE 3'-0".
 - EXPOSED SURFACES TO HAVE A SPONGE FLOAT FINISH.
 - CIRCULAR CURB IS REQUIRED ON CURVES WITH RADII OF 160'-0" OR LESS. STRAIGHT CURB TO BE USED ON CURVES OF MORE THAN 160'-0" RADIUS.
 - EXPOSED EDGES TO HAVE A 3/4" CHAMFER.

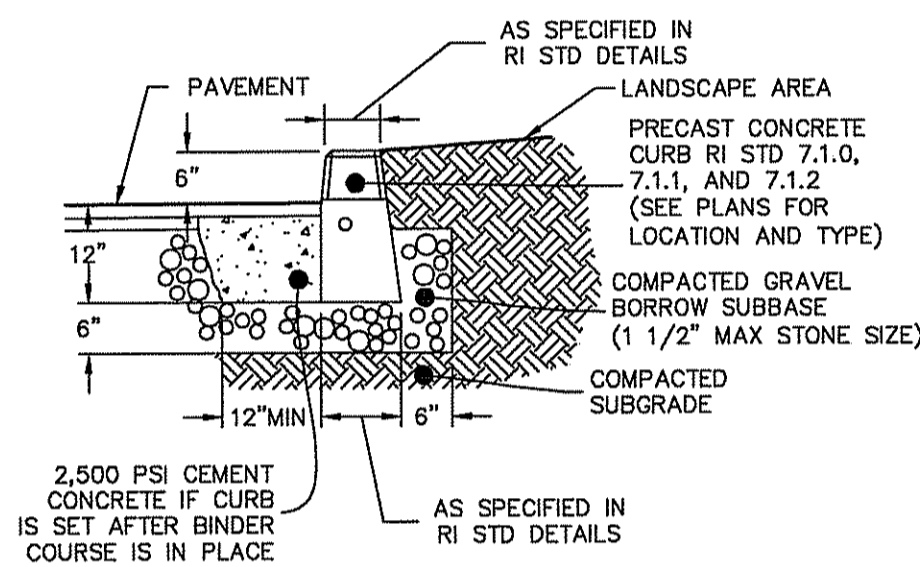
Precast Concrete Curb
NOT TO SCALE



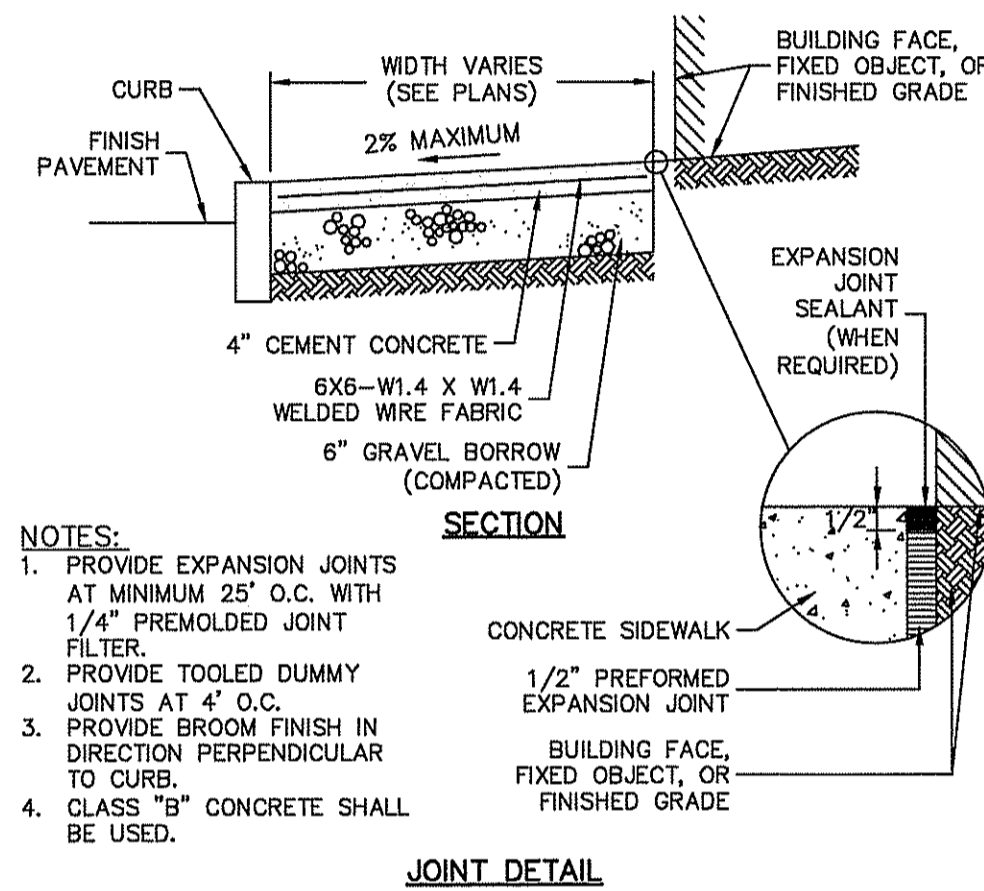
- NOTES:**
- SHALL BE IN ACCORDANCE WITH SECTION 905 OF THE R.I. STANDARD SPECIFICATIONS.
 - DRAWING SHOWS TRANSITION CURB FOR ONE DIRECTION, FOR OTHER DIRECTION USE OPPOSITE END AND INCLUDE A 1/2" x 4" EPOXY COATED DOWEL.
 - EXPOSED SURFACES TO HAVE A SPONGE FLOAT FINISH.
 - EXPOSED EDGES TO HAVE A 3/4" CHAMFER.

3' Precast Concrete Transition Curb
NOT TO SCALE

- NOTE:**
- PRECAST CONCRETE CURBING TO BE INSTALLED AT SPECIFIED ELEVATIONS ON PLANS PRIOR TO POURING OF CEMENT CONCRETE.
 - ALL LOCATIONS SPECIFIED IN PLAN SET AS PRECAST CURBING TO HAVE A MINIMUM WIDTH OF 12" CEMENT CONCRETE POURED IN FRONT OF THE PRECAST CURBING UNDER ALL PAVED AREAS.
 - CEMENT CONCRETE TO BE 2,500 PSI.

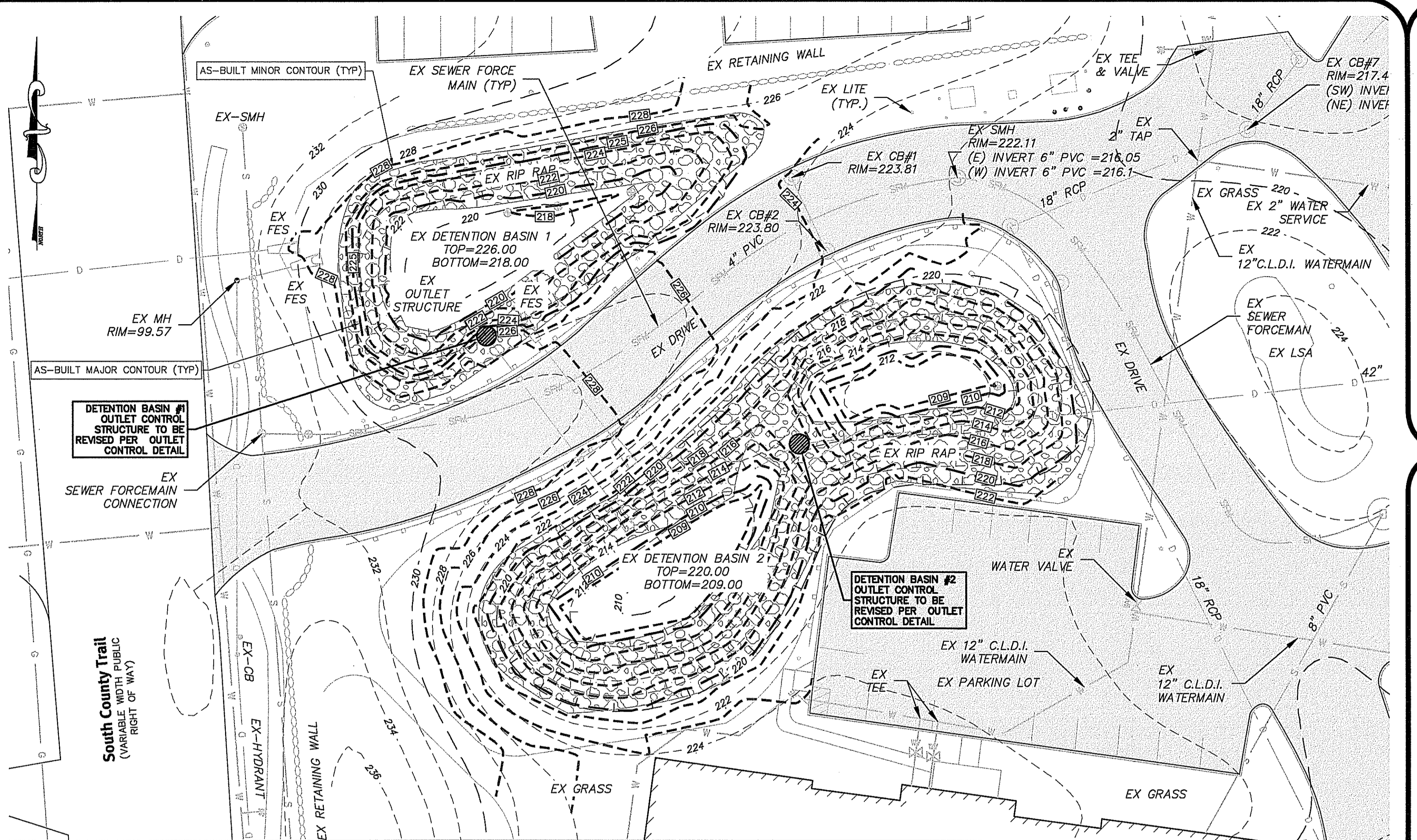


Concrete Curb Lock for Precast Curbing
NOT TO SCALE



- NOTES:**
- PROVIDE EXPANSION JOINTS AT MINIMUM 25' O.C. WITH 1/4" PREMOLDED JOINT FILLER.
 - PROVIDE TOOLED DUMMY JOINTS AT 4' O.C. IN DIRECTION PERPENDICULAR TO CURB.
 - PROVIDE BROOM FINISH IN DIRECTION PERPENDICULAR TO CURB.
 - CLASS "B" CONCRETE SHALL BE USED.

Concrete Sidewalk
NOT TO SCALE

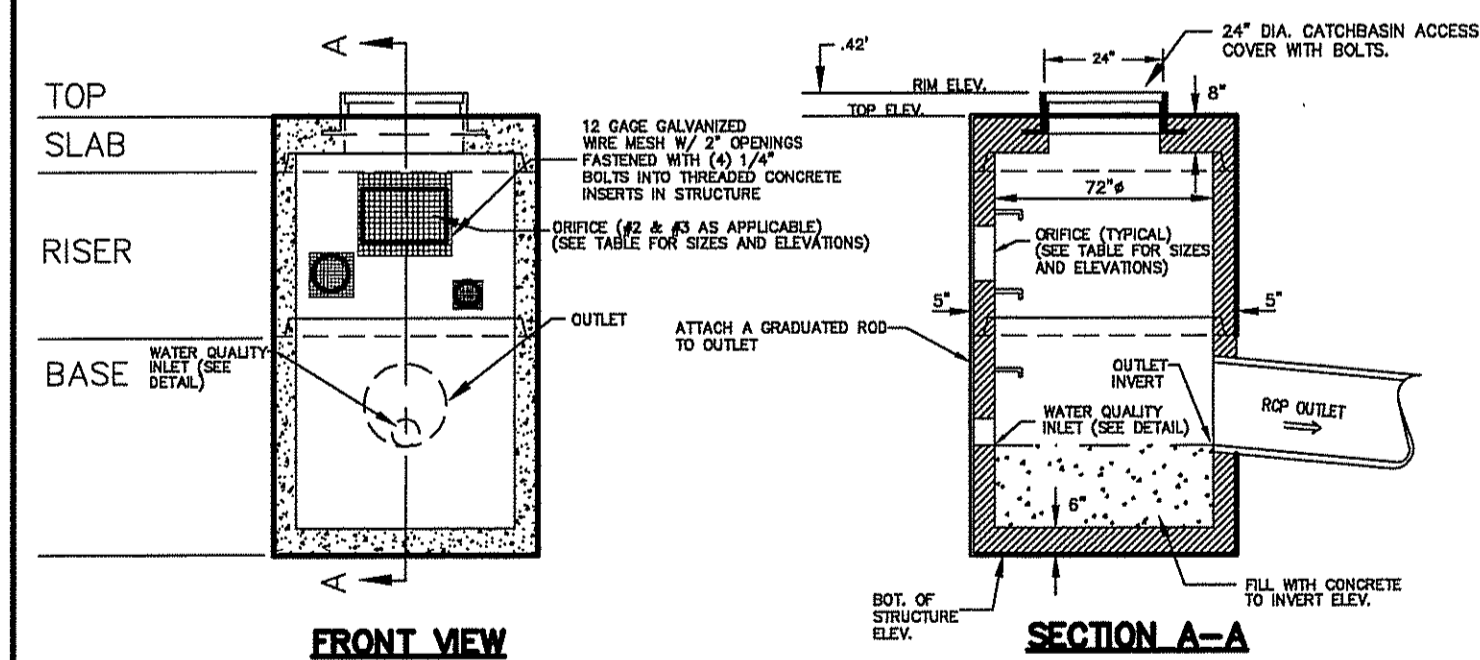


Existing Detention Basins 1 and 2
SCALE: 1" = 20'

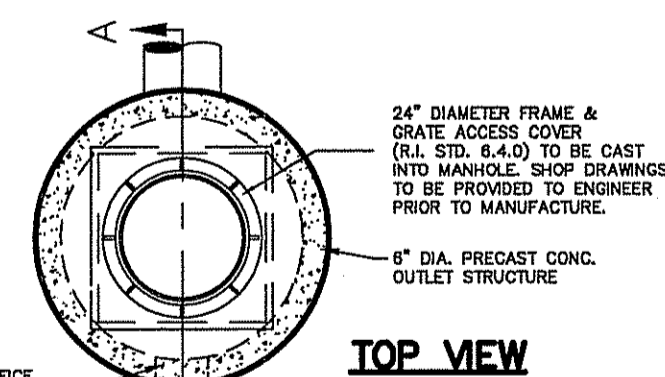
DETENTION BASIN OUTLET CONTROL ELEVATIONS

Description	Pond #1	Pond #2 As-Built	Pond #2 Orig. Design & Proposed
Rim Elevation	228.92'	217.42'	217.42'
Top Elevation	228.50'	217.00'	217.00'
Orifice #3 Size & Invert*	N/A	N/A	18"(x3), 214.50'
Orifice #2 Size & Invert	6"x1", 224.09'	30"Wx12"H, 214.68'	10", 213.50'
Orifice #1 Size & Invert	3.5"x0.75", 217.00'	12", 209.18'	60"Wx12"H, 209.79'
Water Quality Orifice Size & Invert	0.8", 215.50'	1.3", 207.53'	1.3", 207.53'
Outlet Size & Invert	36", 215.05'	42", 207.23'	42", 207.23'
Fill With Concrete to Elevation	213.50'	205.50'	205.50'
Bottom of Structure	213.00'	205.00'	205.00'

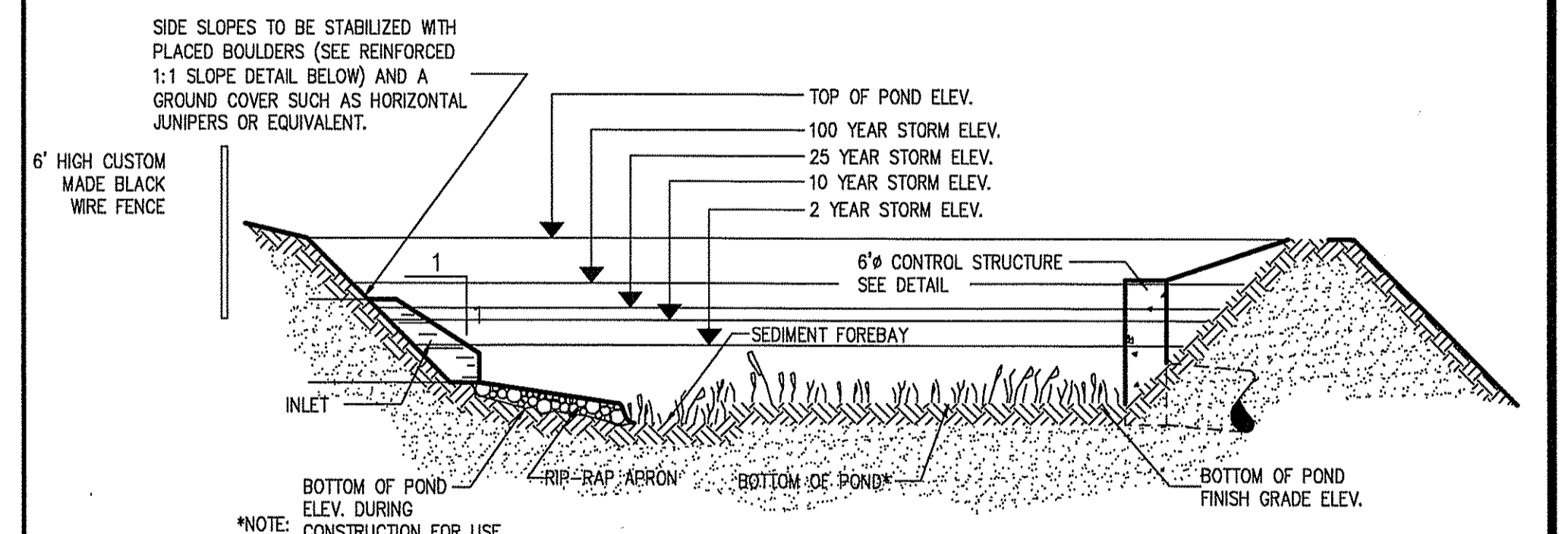
* ORIFICE ADDED TO PROPOSED OUTLET STRUCTURE TO ADAPT TO VISTAS ON THE TRAIL PHASE 2 STORMWATER ANALYSIS



6' DIA. Outlet Structures
N.T.S.



TRASH RACK DETAIL
N.T.S.

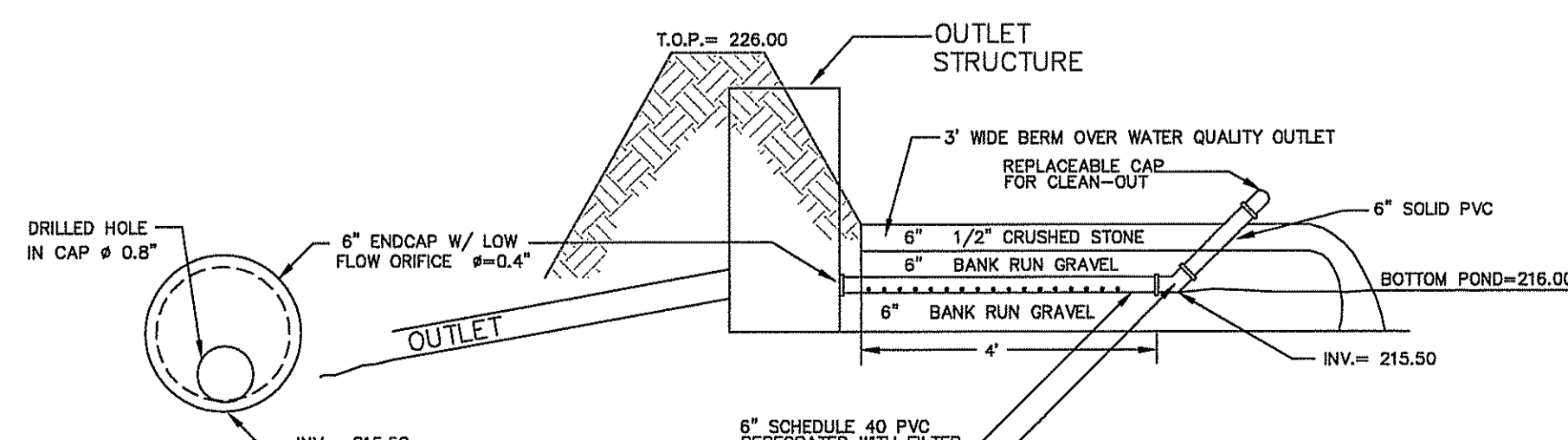


Detention Basin Cross Section
N.T.S.

Description	Pond #1	Pond #2
Top of Pond Elevation	226.00'	220.00'
Bottom of Pond	218.00'	209.00'
100 Year Storm Elevation*	225.55	215.57
25 Year Storm Elevation*	224.57	213.33
10 Year Storm Elevation*	221.70	211.70
2 Year Storm Elevation*	218.57	210.78
AS SPECIFIED	220.00'	210.00'

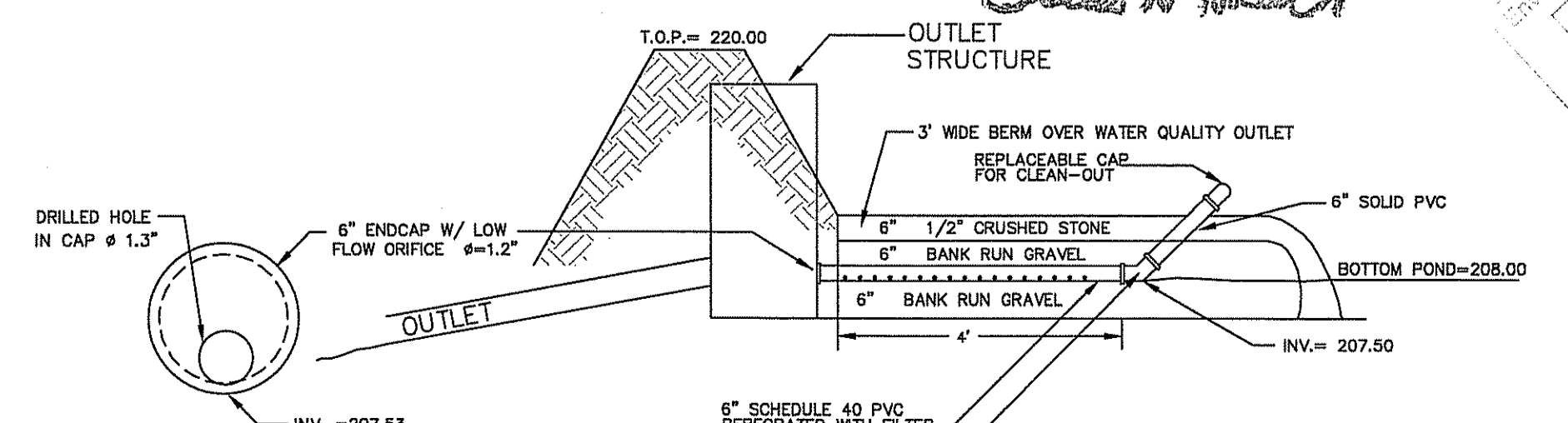
(1:1 SLOPE REQUIRED DUE TO SITE CONSTRAINTS) ORIFICE ON THE WATER QUALITY OUTLET TO BE INSTALLED AT THE STAGES OF CONSTRUCTION AS SPECIFIED IN THE APPROVED PLANS MURAL PHASE 2 STORMWATER ANALYSIS

DATED DEC 6 2017
Specially Noted Grand Note (SN)
NO CHANGES ALLOWED TO THESE ELEVATIONS REVISED PER VISTAS ON THE APPROVED PLANS MURAL PHASE 2 STORMWATER ANALYSIS



Cap Detail
N.T.S.

Water Quality Outlet Pond 1
N.T.S.



Cap Detail
N.T.S.

Water Quality Outlet Pond 2
N.T.S.

TOWN OF EAST GREENWICH, R.I.
PERMITTING AUTHORITY CHAIR
OR DESIGNEE.

CHAIR _____ DATE _____