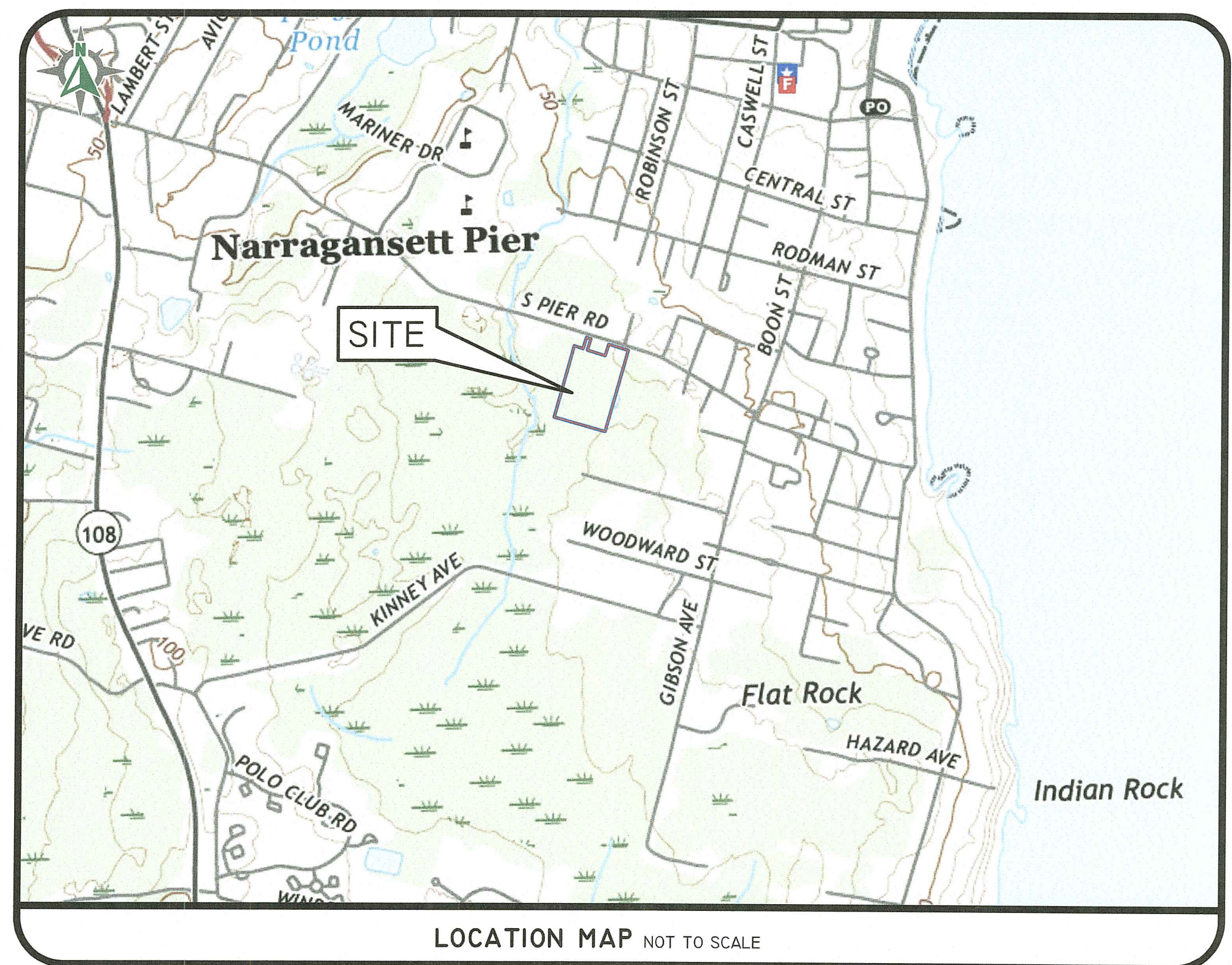


# RIDEM PRELIMINARY DETERMINATION

# SOUTH PIER ROAD

NARRAGANSETT, RHODE ISLAND

ASSESSOR'S PLAT Q LOT 101



## Sheet List Table

- 1 Cover Sheet
- 2 Existing Conditions Plan
- 3 Site Layout Plan
- 4 Detail Sheet - 1

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS AS  
 SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: JAN 03 2023 FILE #: 22-0246  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE  
*Martin B. Wenzel*

RI Environmental Management  
 NOV 02 2022  
 Office of Water Resources

COVER SHEET

SOUTH PIER ROAD  
 ASSESSOR'S PLAT Q LOT 101  
 NARRAGANSETT, RHODE ISLAND  
 PREPARED FOR:  
 250 SCRABBLETOWN ROAD, LLC  
 445 CALLAHAN ROAD, NORTH KINGSTOWN, RI 02852  
 TEL 401-598-7290 FAX 401-598-7121

JASON P. CLOUGH  
 No. [Signature]  
 REGISTERED PROFESSIONAL ENGINEER  
 CIVIL

THIS PLAN SET MAY NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS STAMPED, ISSUED FOR CONSTRUCTION AND STAMPED BY ENGINEERING PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING. DIPRETE ENGINEERING ONLY WARRANTS PLANS ON A DIPRETE PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING. DIPRETE ENGINEERING DOES NOT WARRANT PLANS BY ANY OTHER PARTY. THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE MEANS AND METHODS OF CONSTRUCTION AND FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE ONLY. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES. SEE UTILITIES NOTE ON SHEET 04-SHEET.

NO.	DATE	DESCRIPTION	DESIGN BY
1	11/22/2022	ROBERT RESPONSE TO COMMENTS	N.D.K.
2	05/22/2022	ROBERT PRELIMINARY DETERMINATION	N.D.K.
			BY:
			DESIGN BY: N.D.K.

DIPRETE Engineering  
 Two Stafford Court, Cranston, RI 02920  
 Tel: 401-593-1000 Fax: 401-461-6606 www.diprete-eng.com

Boston • Providence • Newport

F:\06MAINPROJECTS\100-004 SOUTH PIER ROAD\144\AUTOCAD DRAWINGS\100-004-PLAN\DWG PLAN.DWG PLOTTEE: 11/22/2022

RI REG. NO. 100-004. COPYRIGHT 2022 BY DIPRETE ENGINEERING ASSOCIATES, INC.

**GENERAL NOTES**

- THE PARCEL IS FOUND ON ASSESSOR'S PLAT Q, LOT 101 IN THE TOWN OF NARRAGANSETT, WASHINGTON COUNTY, RHODE ISLAND.
- THE OWNER PER DEED BOOK 742, PAGE 273 IS 250 SCRABBLETOWN ROAD, LLC.
- THIS SITE IS LOCATED IN FEMA FLOOD ZONE X. REFERENCE FEMA FLOOD INSURANCE RATE MAP 44009C0212J, MAP REVISED OCTOBER 16, 2013. THIS DESIGNATION MAY CHANGE BASED UPON REVIEW BY A FLOOD ZONE SPECIALIST OR BY THE RESULTS OF A COMPREHENSIVE FLOOD STUDY.
- THE PARCEL IS ZONED R-10 AND R-40 BASED ON THE TOWN OF NARRAGANSETT ONLINE GIS. 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.
- THERE WERE NO CEMETERIES, GRAVE SITES AND OR BURIAL GROUNDS OBSERVED WITHIN THE LIMITS OF THE SURVEY.
- FIELD SURVEY PERFORMED BY DIPRETE ENGINEERING ON MAY 19, 2022. THIS PLAN REFLECTS ON THE GROUND CONDITIONS AS OF THAT DATE.
- 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.
- 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.
- CONTOUR DATA SHOWN ON THIS PLAN CONFORMS TO A T-4 TOPOGRAPHICAL SURVEY STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS; SAID DATA IS BASED ON ELEVATION INFORMATION THAT WAS COLLECTED WITH AIRBORNE LIDAR TECHNOLOGY FOR THE ENTIRE AREA OF RHODE ISLAND BETWEEN APRIL 22 AND MAY 6, 2011 AS PART OF THE NORTHEAST LIDAR PROJECT. THIS DATA'S POSITIONAL ACCURACY AND RELIABILITY HAS NOT BEEN VERIFIED BY DIPRETE ENGINEERING AND IS SUBJECT TO CHANGES AN AUTHORITY FIELD SURVEY MAY DISCLOSE.
- WETLAND LOCATIONS SHOWN BASED INFORMATION PROVIDED BY NATURAL RESOURCES SERVICES, INC.

**PLAN REFERENCES**

- WINCHECK ESTATES, NARRAGANSETT, RHODE ISLAND, ASSESSOR'S PLAT Q, LOTS 17, 18 & 30, SCALE 1"=40', DATED DECEMBER 1, 1997, PLAN BY NARRAGANSETT ENGINEERING INC., RECORDED IN PLAT BOOK 9 ON PAGES 11-13.
- REPLAT, ASSESSOR'S PLAT Q LOTS 17-2, 17-3, & 17-4, NARRAGANSETT, R.I. SCALE 1"=50', DATED SEPTEMBER, 1994, PLAN BY JAMES R. LAWLESS, RECORDED IN PLAT BOOK 10, PAGE 30.
- PROPOSED ADMINISTRATIVE SUBDIVISION PLAN, LAWRENCE T. & CYNTHIA A. GOSS, PROPERTY LOCATED AT WESTMORELAND ST., NARRAGANSETT, RI, PLAT Q LOT 30-6 AND 17-6, SCALE 1"=40', DATED JUNE 7, 2001, PLAN BY JAMES P. LAWLESS, R.L.S., RECORDED IN PLAT BOOK 12 ON PAGE 2
- PROPOSED ADMINISTRATIVE SUBDIVISION PLAN FOR CYNTHIA A. GOSS, PROPERTY LOCATED AT WESTMORELAND ST., NARRAGANSETT, RI, SCALE 1"=40', DATED JULY 12, 2001, PLAN BY JAMES P. LAWLESS, R.L.S., RECORDED IN PLAT BOOK 12 ON PAGE 4.

**SURVEYOR'S CERTIFICATE**

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO 435-RICR-00-00-1.9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:

- LIMITED CONTENT BOUNDARY SURVEY (PERIMETER) CLASS I
- THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS: PERIMETER RETRACEMENT

**ROBERT G. BABCOCK**  
No. 2504  
PROFESSIONAL LAND SURVEYOR

*Robert G. Babcock*  
ROBERT G. BABCOCK, RIPLS #2504, COA #LS.000A160  
6/14/22

**UTILITY NOTES**

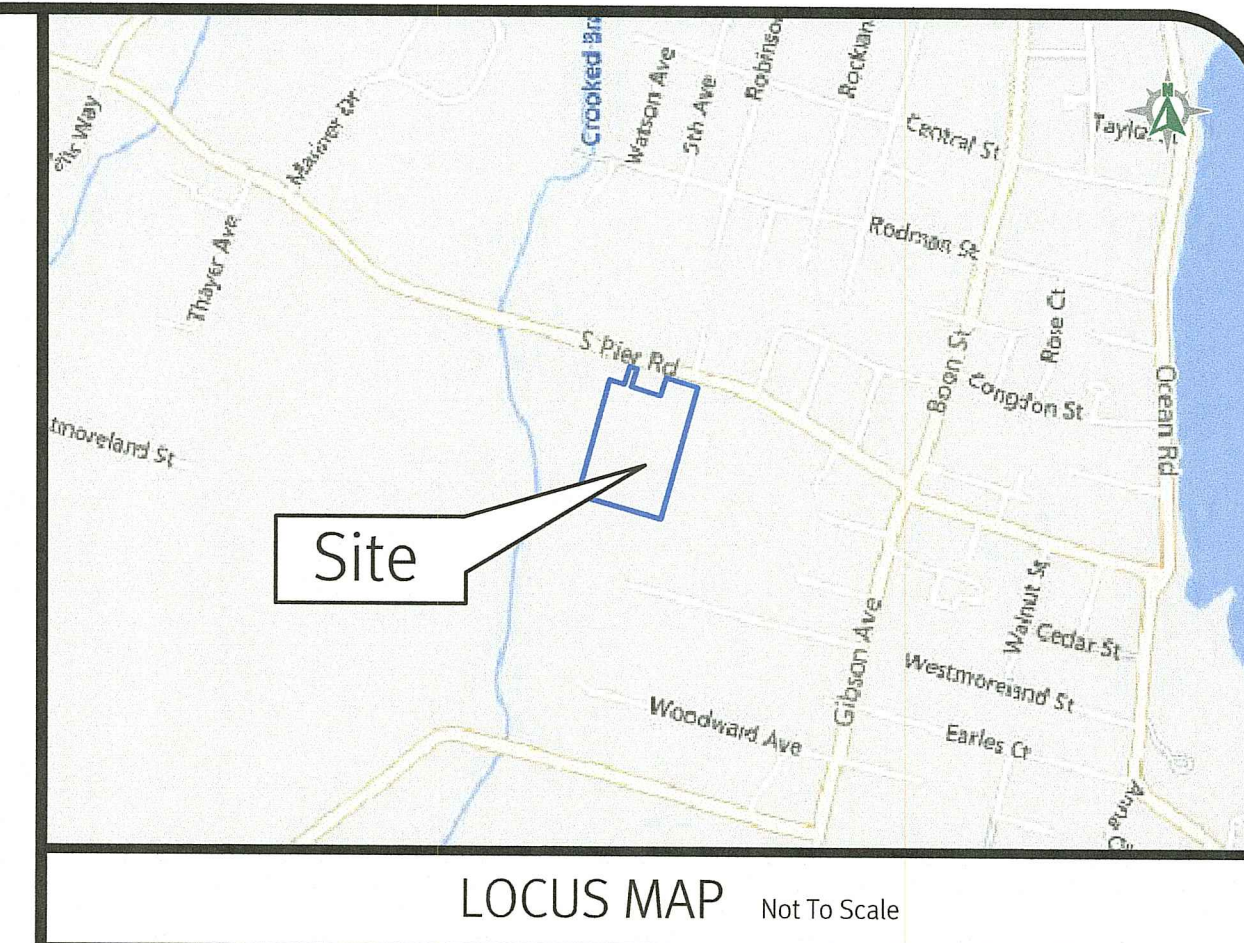
- ALL EXISTING UTILITIES DEPICTED ARE SHOWN ACCORDANCE WITH UTILITY QUALITY LEVEL C AS DEFINED IN OJASCE STANDARD 58-02 (STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA), LATEST REVISION.
- ALL EXISTING UNDERGROUND UTILITIES SHOWN WERE PROVIDED BY OTHERS AND ARE APPROXIMATE ONLY. LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE EXCAVATION, BLASTING, UTILITY INSTALLATION, BACKFILLING, GRADING, PAVEMENT RESTORATION, AND ALL OTHER SITE WORK. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THESE DOCUMENTS. CONTACT DIG SAFE A MINIMUM OF 72 WORKING HOURS PRIOR TO ANY CONSTRUCTION AT ALL. DIG SAFE IS RESPONSIBLE FOR CONTACTING MEMBER UTILITY COMPANIES. DIG SAFE MEMBER UTILITY COMPANIES ARE RESPONSIBLE TO MARK ONLY THE FACILITIES THAT THEY OWN OR MAINTAIN. NON DIG SAFE MEMBER COMPANIES ARE NOT NOTIFIED BY DIG SAFE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE AND NOTIFY IF ANY PRIVATELY OWNED OR NON DIG SAFE MEMBER UTILITIES ARE IN THE AREA.
- PER THE CODE OF FEDERAL REGULATIONS - TITLE 29, PART 1926 IT IS THE SITE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ACCURATE UNDERGROUND UTILITY LINE LOCATIONS FROM THE UTILITY COMPANIES, UTILITY OWNERS AND, OR VIA UNDERGROUND UTILITY LOCATION EQUIPMENT AS NEEDED TO ESTABLISH ACCURATE LOCATIONS PRIOR TO ANY EXCAVATION. THE USE OF PROFESSIONAL UTILITY LOCATING COMPANIES PRIOR TO ANY EXCAVATION IS RECOMMENDED.
- DIPRETE ENGINEERING IS NOT A PROFESSIONAL UTILITY LOCATION COMPANY, AND IS NOT RESPONSIBLE FOR UNDERGROUND UTILITIES, DEPICTED OR NOT, EITHER IN SERVICE OR ABANDONED. ANY SIZES, LOCATIONS, EXISTENCE, OR LACK OF EXISTENCE OF UTILITIES SHOWN ON THESE PLANS SHOULD BE CONSIDERED APPROXIMATE UNTIL VERIFIED BY A PROFESSIONAL UTILITY LOCATION COMPANY. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED.
- UTILITY PLAN REFERENCES
  - WATER INFORMATION OBTAINED FROM WJLA.
  - SEWER INFORMATION OBTAINED FROM THE TOWN OF NARRAGANSETT.
  - GAS INFORMATION NOT RECEIVED AT THE TIME OF THE SURVEY.
  - DRAINAGE INFORMATION OBTAINED ON THE GROUND BY DIPRETE ENGINEERING. (SEE GENERAL NOTES FOR DATE OF FIELD SURVEY)

**LEGEND**

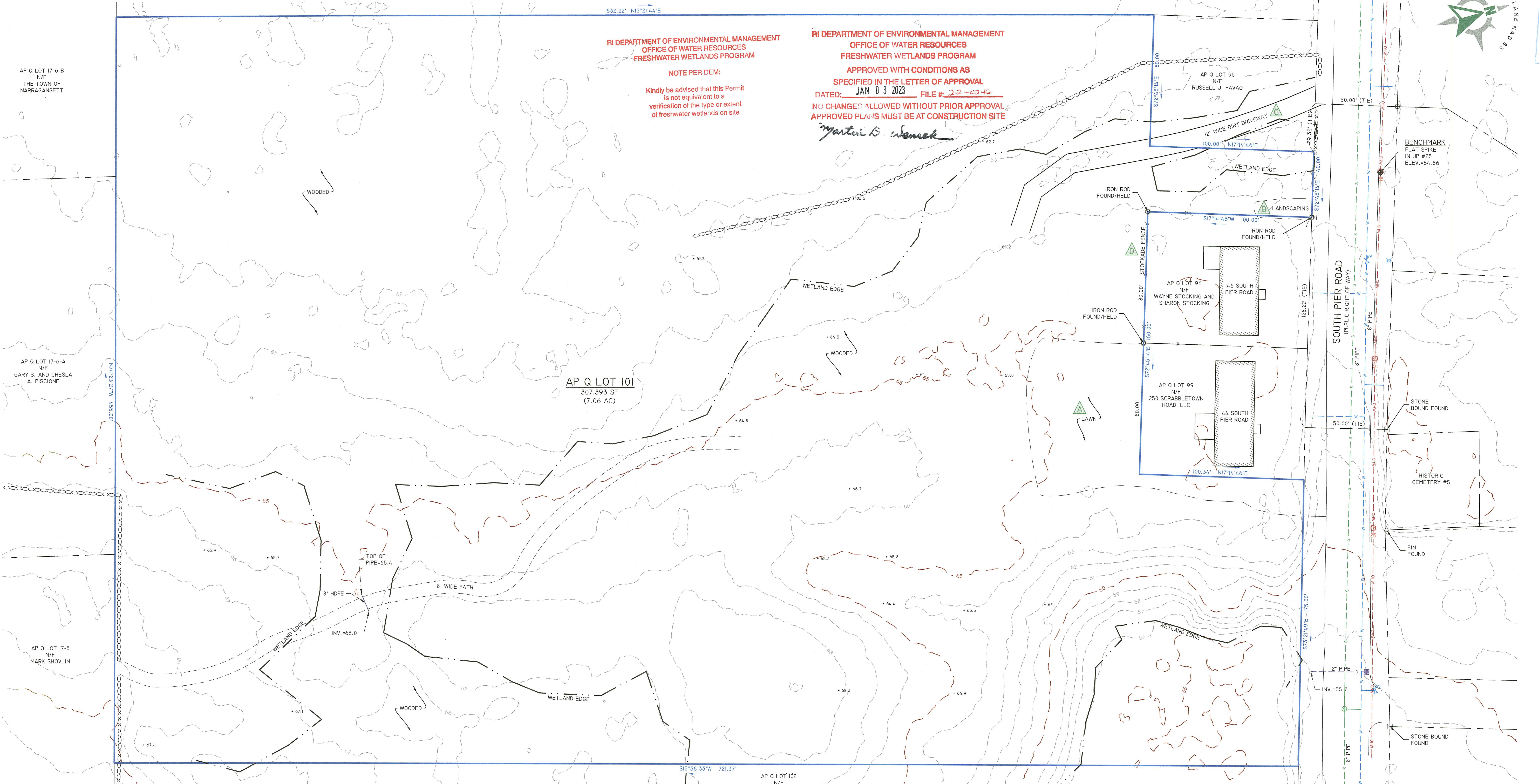
123/1234	DEED BOOK/PAGE	○	BOLLARD
AP	ASSESSOR'S PLAT	⊗	SOIL EVALUATION
HC	HANDICAPPED	⊗	CATCH BASIN
N/F	NOW OR FORMERLY	⊗	DOUBLE CATCH BASIN
LC	LANDSCAPING	⊗	WATER VALVE
(R)	RECORD	⊗	GAS VALVE
(CA)	CHORD ANGLE	⊗	WETLAND FLAG
○	NAIL/SPIKE	⊗	DRAINAGE MANHOLE
⊗	DRILL HOLE	⊗	FLARED END SECTION
○	IRON ROD/PIPE	⊗	GUY POLE
○	BOUND	⊗	ELECTRIC MANHOLE
○	SIGN POST	⊗	UTILITY/POWER POLE
○	SEWER MANHOLE	⊗	WELL
○	SEWER CLEANOUT	⊗	MONITORING WELL
○	HYDRANT	⊗	BENCH MARK
○	IRRIGATION VALVE	⊗	TREE
○	UNKNOWN MANHOLE		

**LIST OF POSSIBLE ENCROACHMENTS**

- LAWN OVER PROPERTY LINE
- LANDSCAPING OVER PROPERTY LINE
- DIRT DRIVEWAY OVER PROPERTY LINE
- STOCKADE FENCE 0.2' OVER PROPERTY LINE



LOCUS MAP Not To Scale



**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM

**NOTE PER DEM:**  
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM

**APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL DATED: JAN 03 2023 FILE # 22-0246**

**NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL. APPROVED PLANS MUST BE AT CONSTRUCTION SITE**

*Martin D. Senack*

**DiPrete Engineering**  
Two Stafford Court Cranston, RI 02920  
Tel: 401-943-1000 Fax: 401-464-6006 www.diprete-eng.com

Environmental Management  
NOV 02 2022  
Office of Water Resources

NO.	DATE	DESCRIPTION	A.U.F.	BY:
0	06/14/22	EXISTING CONDITIONS SURVEY		

**EXISTING CONDITIONS PLAN**  
SOUTH PIER ROAD  
ASSESSOR'S PLAT Q LOT 101  
NARRAGANSETT, RHODE ISLAND  
PREPARED FOR:  
**PASCACK BUILDERS, INC.**  
445 CALLAHAN ROAD, NORTH KINGSTOWN, RI 02852  
TEL (401) 398-7290 FAX (401) 398-7291



**ESTABLISHMENT OF VEGETATIVE COVER**

- SLOPES SHALL NOT BE LEFT UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON. THE CONTRACTOR SHALL INITIATE APPROPRIATE VEGETATIVE PRACTICES ON ALL DISTURBED AREAS AS SOON AS POSSIBLE BUT NOT MORE THAN FOURTEEN (14) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS TEMPORARILY OR PERMANENTLY CEASED, UNLESS THE ACTIVITY IS TO RESUME WITHIN TWENTY-ONE (21) DAYS.
- ALL DISTURBED SLOPES EITHER NEWLY CREATED OR CURRENTLY EXPOSED SHALL BE SEEDED OR PROTECTED.
- THE TOPSOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS AND SHALL CONFORM WITH RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, N.20.
- THE TEMPORARY SEEDING DESIGN MIX SHALL BE COMPRISED OF THE FOLLOWING:

TYPE	% BY WEIGHT
ANNUAL RYEGRASS	40
PERENNIAL RYEGRASS	60

- THE NEW ENGLAND EROSION CONTROL/RESTORATION SEED MIX SHALL BE COMPRISED OF THE FOLLOWING:

TYPE	% BY WEIGHT
UPLAND BENTGRASS	1.0
CREeping BENTGRASS	1.0
BIG BLUESTEM	8.0
NEW ENGLAND ASTER	1.0
FOX SEDGE	8.0
VIRGINIA WILD RYE	28.0
BONASET	1.0
GRASS LEAVED GOLDENROD	1.0
CREeping RED FESCUE	24.0
SOFT RUSH	0.5
SENSITIVE FERN	1.0
SWITCH GRASS	8.0
LITTLE BLUESTEM	15.0
GREEN BILLBUSH	1.0
WOOL GRASS	1.0
BLUE VERVAIN	1.0

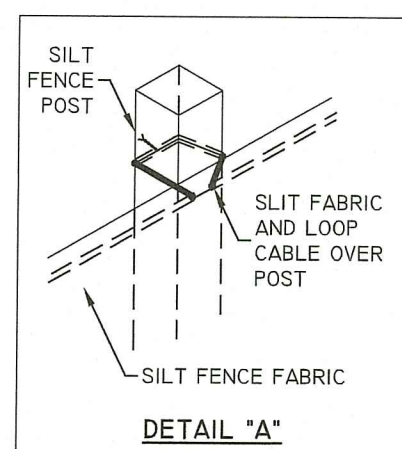
- THE GENERAL PURPOSE SEED MIX SHALL BE COMPRISED URI #2 OF THE FOLLOWING:

TYPE	% BY WEIGHT
CREeping RED FESCUE	40
IMPROVED PERENNIAL RYE GRASS	20
IMPROVED KENTUCKY BLUEGRASS	30
KENTUCKY BLUEGRASS	10

- EARLY SPRING OR LATE SUMMER SEEDING IS RECOMMENDED. SEEDING SCHEDULE SHOULD CONFORM WITH RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, L.02.03.1 SEEDING DATES. PERMANENT SEEDING SHALL BE DURING THE APRIL 1 TO MAY 31 OR AUGUST 15 TO OCTOBER 15. TEMPORARY SEEDING MAY BE DONE ANYTIME BETWEEN MARCH 15 AND NOVEMBER 15 WITH THE APPROVAL OF THE ENGINEER OF RECORD. FERTILIZER AS REQUIRED BY SOIL TESTING TO COMPLIMENT OR UPGRADE EXISTING CONDITIONS. THE SEED MIX SHALL BE INOCULATED WITHIN 24 HOURS AND BEFORE MIXING AND PLANTING, WITH APPROPRIATE INOCULANTS FOR EACH VARIETY.
- TEMPORARY TREATMENTS SHALL CONSIST OF STRAW OR FIBER MULCH OR PROTECTIVE COVERS SUCH AS A MAT OR FIBER LINING. TEMPORARY STRAW MULCH TO BE TACKED IN PLACE WITH NYLON MESH NETTING. SIDE SLOPES OF BASINS SHALL BE TREATED WITH NORTH AMERICAN GREEN EROSION CONTROL BLANKETS SUCH AS SIS9 OR APPROVED EQUIVALENT. THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED OR AS ORDERED BY THE ENGINEER. STRAW APPLICATIONS SHALL BE IN THE AMOUNT OF 2 TONS/ACRE.
  - ALL SILT FENCE OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.
  - ALL FILL SHALL BE THOROUGHLY COMPACTED UPON PLACEMENT IN STRICT CONFORMANCE WITH RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION PART 200.
  - STOCKPILES OF TOPSOIL SHALL NOT BE LOCATED NEAR WATERWAYS. THEY SHALL HAVE SIDE SLOPES NO GREATER THAN 2:1 AND SHALL BE TEMPORARILY SEEDED AND/OR STABILIZED.
  - ALL AREAS PROPOSED TO BE VEGETATED THAT ARE DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING FINISH GRADING. PERMANENTLY SEEDING AREAS SHALL BE PROTECTED DURING ESTABLISHMENT WITH MULCH. ALL SEEDING AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STANDARD IS MAINTAINED. WELL ESTABLISHED VEGETATION SHALL BE MAINTAINED. BARE OR ERODED AREAS SHALL BE IMMEDIATELY REPAIRED AND RESEEDED BY THE CONTRACTOR. ACTIVITIES SHALL BE CONFINED TO WITHIN THE LIMIT OF WORK AS SHOWN ON THE PLANS.
  - MAXIMUM PERMANENT GRADED SLOPE WITHIN THE SITE IS TO BE 3:1 UNLESS NOTED OTHERWISE.
  - THE CONSTRUCTION SUPERINTENDENT SHALL HAVE OVERALL RESPONSIBILITY FOR PLAN IMPLEMENTATION AND FOR SEEING THAT THE APPROPRIATE WORKERS ARE AWARE OF THE PROVISIONS OF THE PLAN. THE CONTRACTOR MUST REPAIR AND/OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE YEAR AND SHALL DO SO AT NO ADDITIONAL EXPENSE TO THE OWNER.
  - REFERENCE THE "RHODE ISLAND SOIL EROSION AND SEDIMENTATION CONTROL HANDBOOK" PREPARED BY THE USDA SOIL CONSERVATION SERVICE, REVISED 2014, AS A GUIDE.

**NOTES:**

- SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
- 2"x2'-4"-6" (MAXIMUM) OAK POSTS FOR SILT FENCE SHALL BE LOCATED 4'-0" (MAXIMUM) O.C. IN WETLAND AREAS AND 4'-0" (MAXIMUM) O.C. IN WETLAND RAVIDE. GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
- 1"x1'-4" (MINIMUM) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
- SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.



**SILT FENCE DETAIL**  
NOT TO SCALE

**MAINTENANCE: SHORT TERM / LONG TERM**

- THE STONE STABILIZATION PADS AT THE SITE ENTRANCE SHALL BE MAINTAINED BY THE CONTRACTOR. THE MAINTENANCE SHALL INCLUDE TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND OR AS DIRECTED BY THE ENGINEER. ALL SEDIMENTS SPILLED, DROPPED, WASHED, OR TRACKED ON THE PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY BY THE CONTRACTOR.
- ALL SILT FENCE, TEMPORARY TREATMENTS (STRAW, ETC.), AND TEMPORARY PROTECTION SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION. SILT FENCE SHALL BE INSPECTED BY THE CONTRACTOR WITHIN 24 HOURS AFTER EACH STORM EVENT OR EVERY 7 DAYS, WHICHEVER COMES FIRST, FOR UNDERMINING AND DETERIORATION. A STORM EVENT SHALL BE DEFINED AS 0.25 INCHES OF RAIN WITHIN A 24-HOUR PERIOD. THE SILT FENCE SHALL BE REPAIRED OR REPLACED AS WARRANTED. THE CONTRACTOR SHALL CLEAN THE ACCUMULATED SEDIMENT IF HALF OF THE ORIGINAL HEIGHT OF THE SILT FENCE BECOMES FILLED IN WITH SEDIMENT. THE SILT FENCE SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED. FOLLOWING CONFIRMATION FROM THE OWNER OR THE PROJECT ENGINEER THAT AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER HAS BEEN ESTABLISHED THE SILT FENCE SHALL BE REMOVED.
- THE CONTRACTOR SHALL MAINTAIN ALL TOPSOIL STOCKPILES AND SEDIMENT BARRIERS THROUGHOUT CONSTRUCTION. EXTREME CARE SHALL BE TAKEN TO ENSURE THAT SEDIMENTS DO NOT SPILL OVER THE SEDIMENT BARRIER. SILT FENCE SHALL BE STAKED AROUND THE STOCKPILES.
- ALL DISTURBED SLOPES EITHER NEWLY CREATED OR CURRENTLY EXPOSED SHALL BE SEEDED, PROTECTED, AND MAINTAINED BY THE CONTRACTOR FOLLOWING FINAL GRADING AND CONSTRUCTION. THE CONTRACTOR SHALL CHECK ALL SEEDING AREAS REGULARLY TO SEE THAT A GOOD STAND OF VEGETATION IS MAINTAINED. THE CONTRACTOR MUST REPAIR OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE YEAR AND SHALL DO SO AT NO ADDITIONAL EXPENSE TO THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND INSPECTION OF THE DRAINAGE BMPs DURING AND UP TO A YEAR AFTER COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY THE OWNER. THE OWNER IS RESPONSIBLE FOR INSPECTIONS AND MAINTENANCE THEREAFTER. THE DRAINAGE BMPs SHALL BE INSPECTED/MAINTAINED AS DETAILED BELOW.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION, MAINTENANCE AND REPAIR TO ALL DRAINAGE STRUCTURES AND RELATED APPURTENANCES ON SITE DURING CONSTRUCTION AND IMMEDIATELY FOLLOWING CONSTRUCTION FOR A MAXIMUM OF ONE YEAR, OR UNTIL ACCEPTANCE BY THE ENGINEER AND THE OWNER. THE OWNER IS RESPONSIBLE FOR INSPECTIONS AND MAINTENANCE THEREAFTER.
- A LEGALLY BINDING AND ENFORCEABLE MAINTENANCE AGREEMENT SHALL BE EXECUTED BETWEEN THE OWNER AND THE RESPONSIBLE AUTHORITY TO ENSURE THE FOLLOWING MAINTENANCE SCHEDULES ARE FOLLOWED.
- DURING THE FIRST SIX (6) MONTHS OF OPERATIONS, INSPECTIONS SHALL BE ACCOMPLISHED IN EACH DRAINAGE BMP AFTER EVERY RAINFALL EVENT, TO CHECK FOR CLOGGING OR, CONVERSELY, TOO RAPID A STORMWATER RELEASE. FOLLOWING THE SIX (6) MONTHS, INSPECTIONS SHALL BE CONDUCTED, AT A MINIMUM, ANNUALLY.
- IF STANDING WATER IS OBSERVED WITHIN THE DRAINAGE BMPs FOR MORE THAN THREE (3) DAYS AFTER A RAINFALL, THEN FAILURE OF THE SYSTEM MAY HAVE OCCURRED AND SHALL BE ADDRESSED THROUGH REPAIR OR REPLACEMENT.
- THE CONSTRUCTION SUPERINTENDENT SHALL HAVE OVERALL RESPONSIBILITY FOR THE MAINTENANCE PROGRAM DURING THE CONSTRUCTION PHASE AND FOR A PERIOD OF ONE YEAR AFTER CONSTRUCTION. THE SUPERINTENDENT SHALL SEE THAT THE APPROPRIATE WORKERS ARE AWARE OF THE PROVISIONS OF THE PLAN.
- AFTER ACCEPTANCE OF THE SITE BY THE OWNER, THE OWNER SHALL HAVE OVERALL RESPONSIBILITY FOR IMPLEMENTING THE MAINTENANCE PROGRAM FOR THE STORMWATER MANAGEMENT PLAN.
- THE RESPONSIBLE PARTY FOR THE STORMWATER MANAGEMENT PROGRAM IS THE OWNER OF THE SITE. THE FUNDING FOR THE STORMWATER MANAGEMENT PROGRAM IS BY THE OWNER. IF THE PROPERTY IS SOLD, THE RESPONSIBILITY OF THE STORMWATER MANAGEMENT PROGRAM WILL BE TRANSFERRED TO THE NEW OWNER.

**THE FOLLOWING MAINTENANCE PROCEDURES MUST BE FOLLOWED FOR THE DRYWELLS:**

- INFILTRATION PRACTICES SHALL BE INSPECTED ANNUALLY AND REPAIRED IF NECESSARY TO ENSURE PROPER DRAINAGE.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND INSPECTION DURING AND UP TO A YEAR AFTER COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY THE OWNER. THE OWNER IS RESPONSIBLE FOR INSPECTIONS AND MAINTENANCE THEREAFTER. THE CONTRACTOR'S MAINTENANCE/INSPECTION RESPONSIBILITIES SHALL INCLUDE REPLACING THE STONE WITHIN THE DRYWELL IF STORMWATER REMAINS IN THE DRYWELL LONGER THAN 48 HOURS. THE CONTRACTOR SHALL INSPECT DRYWELLS AFTER EACH STORM GREATER THAN 0.5 INCHES AND REPAIR AS NECESSARY. THE OWNER SHALL INSPECT THE DRYWELL SEMIANNUALLY AND AFTER RAIN FILL EVENTS GREATER THAN ONE INCH. IF REPAIRS ARE NEEDED, THEY SHALL BE CARRIED OUT IMMEDIATELY. REPAIRS ARE NECESSARY IF STORMWATER REMAINS IN THE DRYWELL LONGER THAN 48 HOURS.

**THE FOLLOWING MAINTENANCE PROCEDURES MUST BE FOLLOWED FOR THE STONE INFILTRATION TRENCHES:**

- INFILTRATION PRACTICES SHALL BE INSPECTED ANNUALLY AND REPAIRED IF NECESSARY TO ENSURE PROPER DRAINAGE.
- ACCUMULATED SEDIMENT AND DEBRIS SHALL BE REMOVED FROM THE SURFACE OF THE INFILTRATION PRACTICE ANNUALLY.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND INSPECTION DURING AND UP TO A YEAR AFTER COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY THE OWNER. THE OWNER IS RESPONSIBLE FOR INSPECTIONS AND MAINTENANCE THEREAFTER. THE CONTRACTOR'S MAINTENANCE/INSPECTION RESPONSIBILITIES SHALL INCLUDE REPLACING THE STONE WITHIN THE INFILTRATION TRENCHES IF STORMWATER REMAINS IN THE DRYWELL LONGER THAN 48 HOURS. THE CONTRACTOR SHALL INSPECT DRYWELLS AFTER EACH STORM GREATER THAN 0.5 INCHES AND REPAIR AS NECESSARY. THE OWNER SHALL INSPECT THE DRYWELL SEMIANNUALLY AND AFTER RAIN FILL EVENTS GREATER THAN ONE INCH. IF REPAIRS ARE NEEDED, THEY SHALL BE CARRIED OUT IMMEDIATELY. REPAIRS ARE NECESSARY IF STORMWATER REMAINS IN THE DRYWELL LONGER THAN 48 HOURS.

**SEQUENCE OF CONSTRUCTION OF CONSTRUCTION AND STAGING OF LAND DISTURBING ACTIVITIES**

- CONTRACTOR IS RESPONSIBLE FOR SOIL EROSION AND SEDIMENT CONTROL (SE & SC) ON SITE. SEQUENCE OF CONSTRUCTION PROVIDED MAY BE MODIFIED AS FIELD CONDITIONS WARRANT WITH PRIOR APPROVAL FROM OWNER OR THEIR REPRESENTATIVE.
- CONSTRUCTION TO BEGIN IN THE FALL, 2022 OR UPON RECEIPT OF ALL NECESSARY APPROVALS.
- SURVEY AND STAKE THE DRAINAGE BMPs (DRYWELLS AND/OR OTHER DRAINAGE FEATURES), DRAIN LINES, AND LIMIT OF SEDIMENTATION BARRIERS/LIMIT OF DISTURBANCE.
- PLACE SEDIMENTATION BARRIERS (SILT FENCE OR APPROVED EQUAL) AS SHOWN ON THE PLANS AND STAKED OUT IN THE FIELD. IN NO CASE IS TO BE STRIPPED AND STOCKPILED IN APPROVED LOCATIONS. TOPSOIL STOCKPILES ARE TO BE PROTECTED BY A ROW OF SEDIMENTATION BARRIERS AND COVERED OR TEMPORARILY SEEDED.
- INSTALL TEMPORARY SEDIMENTATION CONTROL MEASURES AND DEVICES AS WARRANTED. ALL TEMPORARY CONTROL DEVICES SHALL BE INSTALLED PER THE RHODE ISLAND SOIL EROSION AND SEDIMENTATION CONTROL HANDBOOK.
- BEGIN DEMOLITION AND CLEARING AND GRUBBING IN AREA OF THE BUILDING, DRAINAGE BMPs, AND OTHER AREAS AS INDICATED ON THE PLANS. TOPSOIL IS TO BE STRIPPED AND STOCKPILED IN APPROVED LOCATIONS. TOPSOIL STOCKPILES ARE TO BE PROTECTED BY A ROW OF SEDIMENTATION BARRIERS AND COVERED OR TEMPORARILY SEEDED.
- BEGIN CONSTRUCTION OF THE BUILDING FOUNDATION AND STRUCTURE.
- BEGIN CONSTRUCTION OF DRAINAGE BMP'S.
- ONCE THE SITE IS STABILIZED THE DRAINAGE BMPs AND DRAINAGE NETWORK MAY BE BROUGHT ONLINE WITH THE APPROVAL OF THE DESIGN ENGINEER.
- REMOVE ALL TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES FOLLOWING VEGETATIVE ESTABLISHMENT OF ALL DISTURBED AREAS.

**STRUCTURAL MEASURES**

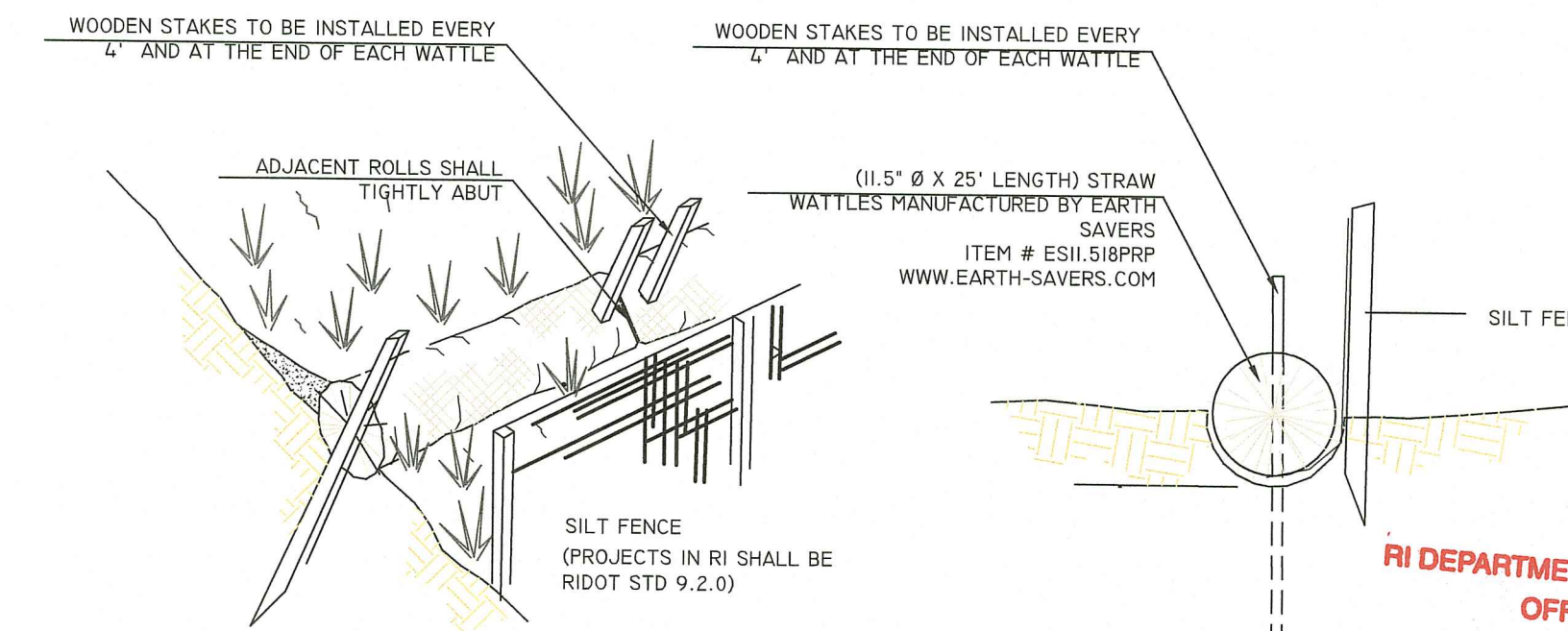
- RUNOFF WATER QUALITY IS IMPROVED UTILIZING TWO DRYWELLS AND A STONE TRENCH. CONSTRUCTION OF THE BMPs SHALL BE SUPERVISED BY THE PROJECT ENGINEER.
- A STONE STABILIZATION PAD IS LOCATED AT THE SITE ENTRANCE TO REDUCE THE TRACKING OR FLOWING OF SEDIMENT ONTO THE PUBLIC RIGHT OF WAY.
- SILT FENCE SHALL BE INSTALLED DOWNSTREAM OUTSIDE THE LIMITS OF ANY PROPOSED CONSTRUCTION AS SHOWN ON THE SITE PLANS AND PRIOR TO THE COMMENCEMENT OF THE PROPOSED ALTERATION.
- IF NECESSARY TEMPORARY BERMS AND / OR SWALES SHALL BE USED DURING CONSTRUCTION TO DIRECT SURFACE TO TEMPORARY SEDIMENTATION TRAPS TO CAPTURE AND TREAT THE MAXIMUM AMOUNT OF STORMWATER.
- THE DRYWELL & STONE TRENCH AREAS ARE NOT TO BE USED AS SEDIMENTATION TRAPS DURING CONSTRUCTION AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES (I.E. HEAVY MACHINERY) TO PREVENT COMPACTION. THE CONTRACTOR SHALL CONSTRUCT ANY SEDIMENTATION TRAPS WHICH ARE REQUIRED TO MEET ALL GUIDELINES IN THE RHODE ISLAND SOIL EROSION SEDIMENT CONTROL HANDBOOK.
- THE CONSTRUCTION SUPERINTENDENT SHALL HAVE OVERALL RESPONSIBILITY FOR STRUCTURE MEASURE IMPLEMENTATION AND FOR SEEING THAT THE APPROPRIATE WORKERS ARE AWARE OF THE PROVISIONS OF THE PLAN.
- REFERENCE THE "RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK" PREPARED BY THE USDA SOIL CONSERVATION SERVICE, REVISED 2014, AS A GUIDE.
- INSTALL ROOF LEADERS TO DIRECT STORMWATER TOWARDS THE DRYWELLS.

**NON-STRUCTURAL MEASURES**

- CONSTRUCTION TRAFFIC SHALL BE LIMITED TO THE ACCESS ROAD, UTILITY EASEMENTS AND AREAS TO BE GRADED.
- TOPSOIL SHALL BE STRIPPED FROM AREAS TO BE GRADED AND STOCKPILED FOR LATER USE. STOCKPILE LOCATION SHALL BE SUBJECT TO APPROVAL BY THE PROJECT ENGINEER. A SEDIMENT BARRIER SHALL SURROUND ALL TOPSOIL STOCKPILES.
- ALL TYPES OF WASTE GENERATED AT THE SITE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH STATE LAW AND TOWN REGULATIONS. CONSTRUCTION DEBRIS SHALL BE DISPOSED OF DAILY TO AVOID EXPOSURE TO PRECIPITATION.
- THE CONSTRUCTION SUPERINTENDENT SHALL HAVE OVERALL RESPONSIBILITY FOR PLAN IMPLEMENTATION OF NON-STRUCTURAL MEASURES AND FOR SEEING THAT THE APPROPRIATE WORKERS ARE AWARE OF THE PROVISIONS OF THE PLAN.
- REFERENCE THE "RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK" PREPARED BY THE USDA SOIL CONSERVATION SERVICE, REVISED 2014, AS A GUIDE.

**UTILITY NOTES**

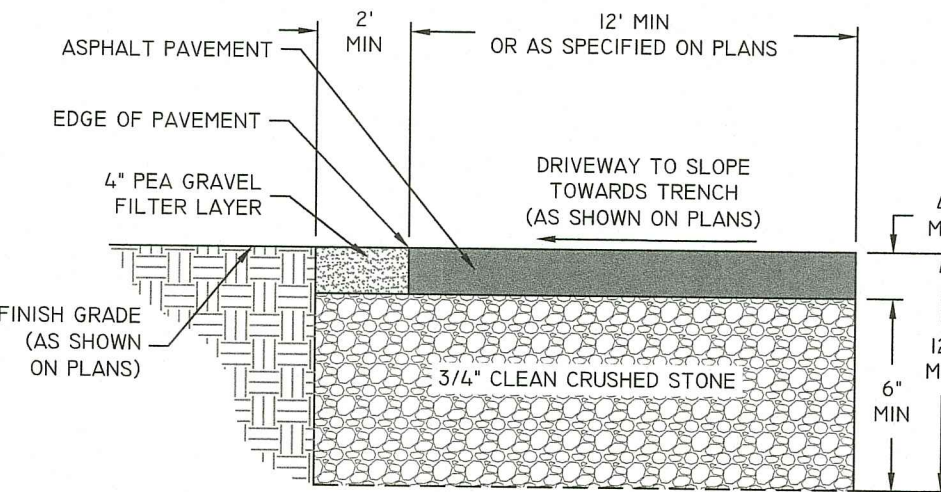
- ALL EXISTING UTILITIES DEPICTED ARE SHOWN ACCORDANCE WITH UTILITY QUALITY LEVEL C AS DEFINED IN C/ASCE STANDARD 38-02 (STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA), LATEST REVISION.
- ALL EXISTING UNDERGROUND UTILITIES SHOWN WERE PROVIDED BY OTHERS AND ARE APPROXIMATE ONLY. LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE EXCAVATION, BLASTING, UTILITY INSTALLATION, BACKFILLING, GRADING, PAVEMENT RESTORATION, AND ALL OTHER SITE WORK. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THESE DOCUMENTS. CONTACT DIG SAFE A MINIMUM OF 72 WORKING HOURS PRIOR TO ANY CONSTRUCTION AT 811. DIG SAFE IS RESPONSIBLE FOR CONTACTING MEMBER UTILITY COMPANIES. DIG SAFE MEMBER UTILITY COMPANIES ARE RESPONSIBLE TO MARK ONLY THE FACILITIES THAT THEY OWN OR MAINTAIN. NON DIG SAFE MEMBER COMPANIES ARE NOT NOTIFIED BY DIG SAFE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE AND NOTIFY IF ANY PRIVATELY OWNED OR NON DIG SAFE MEMBER UTILITIES ARE IN THE AREA.
- PER THE CODE OF FEDERAL REGULATIONS - TITLE 29, PART 1926 IT IS THE SITE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ACCURATE UNDERGROUND UTILITY LINE LOCATIONS FROM THE UTILITY COMPANIES, UTILITY OWNERS AND, OR VIA UNDERGROUND UTILITY LOCATION EQUIPMENT AS NEEDED TO ESTABLISH ACCURATE LOCATIONS PRIOR TO ANY EXCAVATION. THE USE OF PROFESSIONAL UTILITY LOCATING COMPANIES PRIOR TO ANY EXCAVATION IS RECOMMENDED.
- DIPRETE ENGINEERING IS NOT A PROFESSIONAL UTILITY LOCATION COMPANY, AND IS NOT RESPONSIBLE FOR UNDERGROUND UTILITIES, DEPICTED OR NOT, EITHER IN SERVICE OR ABANDONED. ANY SIZES, LOCATIONS, EXISTENCE, OR LACK OF EXISTENCE OF UTILITIES SHOWN ON THESE PLANS SHOULD BE CONSIDERED APPROXIMATE UNTIL VERIFIED BY A PROFESSIONAL UTILITY LOCATION COMPANY. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED.
- UTILITY PLAN REFERENCES
  - WATER INFORMATION OBTAINED FROM VIOLA.
  - SEWER INFORMATION OBTAINED FROM THE TOWN OF NARRAGANSETT.
  - GAS INFORMATION NOT RECEIVED AT THE TIME OF THE SURVEY.
  - DRAINAGE INFORMATION OBTAINED FROM THE GROUND BY DIPRETE ENGINEERING. (SEE GENERAL NOTES FOR DATE OF FIELD SURVEY)



- NOTES:**
- EROSION CONTROL BARRIER TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AND SPECIFICATIONS.
  - FOR SOFT SOILS, DIG A 3 TO 5 INCH TRENCH. FOR HARD SOILS, DIG A 2 TO 3 INCH TRENCH.
  - INSTALL WOOD STAKES FOR EVERY 4' (MAX) OF STRAW WATTLE, AS WELL AS ADDITIONAL WOOD STAKE ON EACH END OF EACH STRAW WATTLE.
  - MINIMUM WOOD STAKE DIMENSIONS TO BE 1"x2"x2" (SOFT SOIL) AND 1"x2"x1/8" (HARD SOIL).

**Silt Fence/Straw Wattle Sediment Barrier**  
NOT TO SCALE

**NOTE:**  
CONTRACTOR TO GRADE DRIVEWAY AWAY FROM ALL STRUCTURE FOUNDATIONS AND TOWARDS STONE TRENCH



**TYPICAL DRIVEWAY PAVEMENT AND STONE TRENCH CROSS SECTION**  
NOT TO SCALE

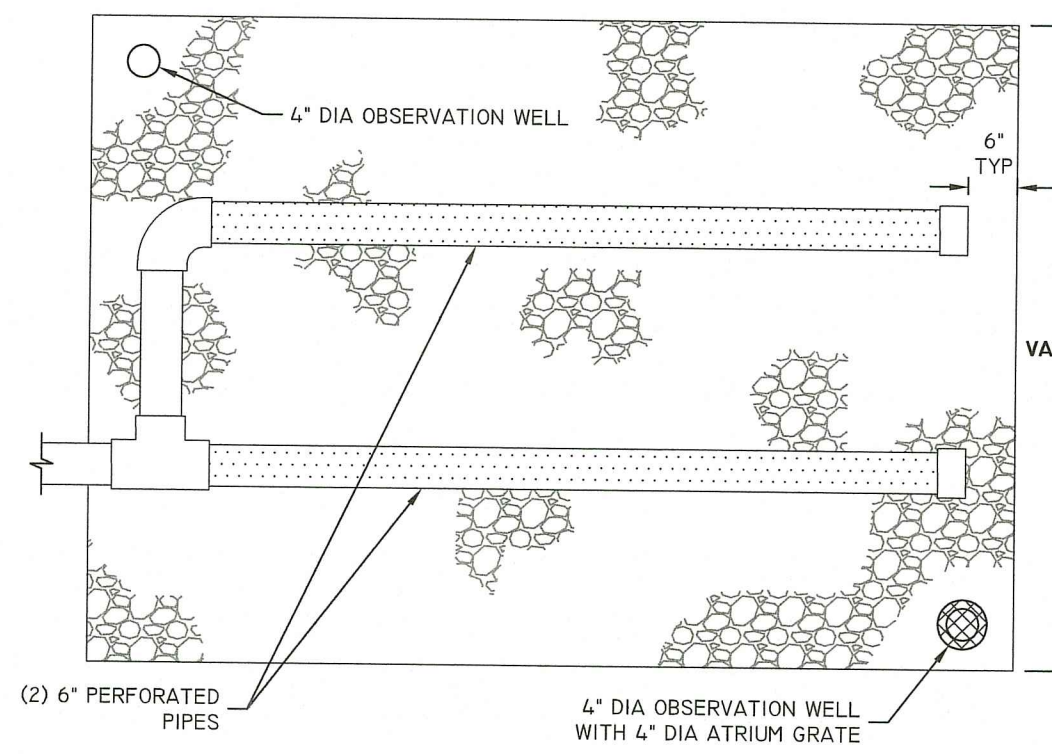
**SIZING NOTE:**

1. INFILTRATION TRENCHES SIZED USING TABLE 10 OF THE STATE OF RHODE ISLAND STORMWATER MANAGEMENT GUIDANCE FOR INDIVIDUAL SINGLE-FAMILY RESIDENTIAL LOT DEVELOPMENT

**SIZING DATA**  
SOIL CONDITIONS: SANDY  
TRENCH DEPTH: 6 INCHES

**TRENCH SIZING CALCULATION:**  
TOTAL IMPERVIOUS AREA = 4,300 SF  
TRENCH SIZING RATIO =  $\frac{239 \text{ SF (TRENCH SURFACE AREA)}}{1,000 \text{ SF (IMPERVIOUS SURFACE AREA)}}$   
 $\frac{239 \text{ SF}}{1,000 \text{ SF}} = \frac{X \text{ SF}}{4,300 \text{ SF}} = 1.028 \text{ SF TRENCH REQUIRED}$   
INFILTRATION TRENCH AREA PROVIDED = 4,930 SF  $\geq 1.028 \text{ SF}$

\*STONE TRENCH OVERSIZED TO MEET TOWN OF NARRAGANSETT SECTION 7.7 ZONING REQUIREMENTS FOR A 25-YEAR DESIGN STORM



**HOUSE DRYWELL DETAIL (PLAN)**  
NOT TO SCALE

**CONSTRUCTION, MAINTENANCE & INSPECTION NOTES:**

- ROOF LEADERS ARE TO TIE INTO PROPOSED DRYWELLS.
- DRYWELL AREA TO BE STAKED, MARKED, AND REMAIN UNDISTURBED PRIOR TO CONSTRUCTION. THERE IS TO BE NO CONSTRUCTION TRAFFIC ON DESIGNATED AREA PRIOR TO CONSTRUCTION.
- DRYWELLS TO BE LOCATED DOWNGRADIENT OF THE BUILDING WITH A MINIMUM OF 10' SEPARATION TO THE FOUNDATION.
- UNDER NO CIRCUMSTANCES MAY DRYWELLS BE INSTALLED UPGRADIENT OF A BUILDING.
- PLACE FILTER FABRIC ON SIDES OF TRENCH AND FILL WITH CRUSHED, WASHED STONE.
- OVERLAP FILTER FABRIC ON THE TOP OF THE FILTER STONE. BACK FILL WITH CLEAN FILL TO FINISH GRADE.
- MONITORING OF WATER LEVELS WITHIN THE INSPECTION PORT AT VARIOUS TIME INTERVALS AFTER A RAINFALL EVENT WILL INDICATE THE EFFECTIVENESS OF THE SYSTEM. IF WATER IS STANDING IN DRYWELL SYSTEM 72 HOURS AFTER A STORM EVENT, SYSTEM FAILURE HAS OCCURRED AND WILL REQUIRE FLUSHING MAINTENANCE, REPAIR OR REPLACEMENT OF THE SYSTEM.
- MAINTENANCE OF ALL DRYWELL AND DRAINAGE COMPONENTS IS THE RESPONSIBILITY OF THE OWNER, INCLUDING MONITORING OF WATER LEVELS AS NECESSARY.

**SIZING NOTES:**

- DRYWELLS SIZED USING TABLE 10 OF THE STATE OF RHODE ISLAND STORMWATER MANAGEMENT GUIDANCE FOR INDIVIDUAL SINGLE-FAMILY RESIDENTIAL LOT DEVELOPMENT

**SIZING DATA**

SOIL CONDITIONS: SANDY  
DRYWELL DEPTH: 18 INCHES

**DRYWELL SIZING CALCULATION:**  
TOTAL IMPERVIOUS AREA = 3,800 SF  
DRYWELL SIZING RATIO =  $\frac{120 \text{ SF (DRYWELL SURFACE AREA)}}{1,000 \text{ SF (IMPERVIOUS SURFACE AREA)}}$   
 $\frac{120}{1,000} = \frac{X \text{ SF}}{3,800 \text{ SF}} = 456 \text{ SF DRYWELL REQUIRED}$   
DRYWELL AREA PROVIDED =  
DRYWELL A = 750 SF  
DRYWELL B = 750 SF  
TOTAL = 1,500 SF  $\geq 456 \text{ SF}$

\*DRYWELLS OVERSIZED TO MEET TOWN OF NARRAGANSETT SECTION 7.7 ZONING REQUIREMENTS FOR A 25-YEAR DESIGN STORM

DRYWELL	PROPOSED GRADING ELEVATION	TOP OF DRYWELL	ELEVATION AT BOTTOM OF DRYWELL	SEASONAL HIGH GWT ELEVATION	SEPARATION DISTANCE (FEET)
A	68.00	67.50	66.00	64.00	2.00
B	70.00	69.50	68.00	66.00	2.00

**HOUSE DRYWELL DETAIL**  
NOT TO SCALE

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

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM**

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED: JAN 03 2023 FILE # 22-024  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

**JASON P. CLOUGH**  
REGISTERED PROFESSIONAL ENGINEER CIVIL

NOV 02 2022  
Office of Water Resources

**Detail Sheet - 1**

**SOUTH PIER ROAD**  
ASSESSOR'S PLAT 0.107  
NARRAGANSETT, RHODE ISLAND

PREPARED FOR:  
**250 SCRABBLETOWN ROAD, LLC**  
446 CALLAHAN ROAD, NORTH KINGSTOWN, RI 02852  
TEL 401-598-7290 FAX 401-598-1791

DESIGN BY: N.D.K.

NO. DATE DESCRIPTION

NO.	DATE	DESCRIPTION
1	1/17/2022	ISSUE RESPONSE TO COMMENTS
2	06/27/2022	RIGHT THROUGH DETERMINATION
3	08/22/2022	RIGHT THROUGH DETERMINATION

DESIGN BY: N.D.K.

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**Boston Providence Newport**

**JASON P. CLOUGH**  
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