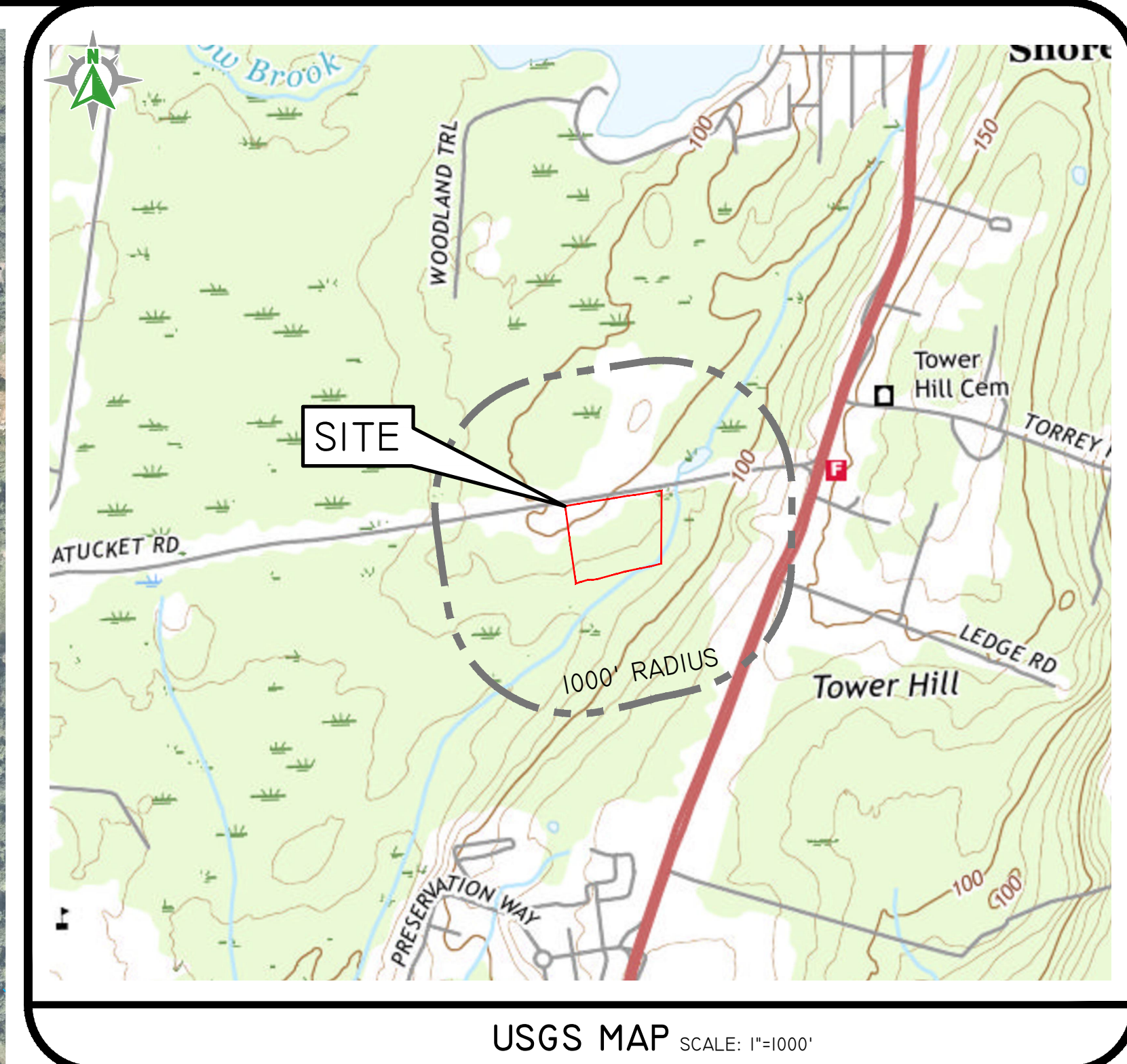
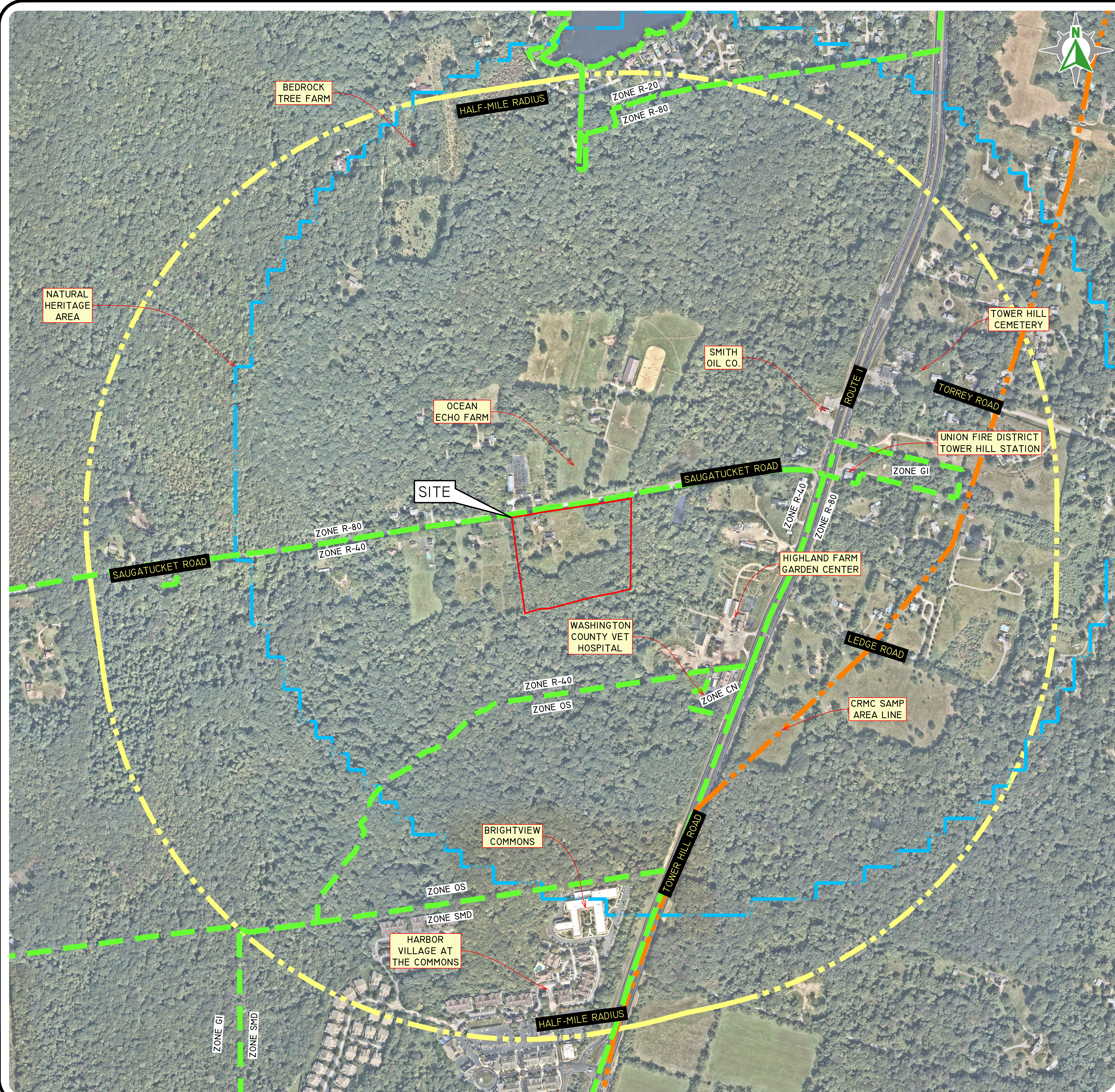




Z:\DEVELOPMENT\PROJECTS\1287-001 SAUGATUCKET ROAD\17A\AUTOCAD DRAWINGS\2287-001-CVAR.DWG PLOTTER: 5/13/2025



USGS MAP SCALE: 1"=1000'

PHOTO OBTAINED FROM NEARMAP.  
DATE OF PHOTOGRAPHY 09/12/2024.  
SCALE: 1"=300'  
0 150' 300' 600'

**DiPrete Engineering**  
Engineers - Planners - Surveyors  
www.diprete-eng.com  
Two Stafford Court, Cranston, RI 02920 • Tel 401-943-1000

MOLLY R. TITUS  
No. *[Signature]*  
REGISTERED PROFESSIONAL ENGINEER CIVIL

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS APPROVED BY A REGISTERED 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 CONSULTING ENGINEER HAS REVIEWED THE PLANS AND DESIGN FOR CONFORMANCE WITH THE REQUIREMENTS AND DESIGN STANDARDS OF THE STATE OF RHODE ISLAND AND THE FEDERAL GOVERNMENT. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN ON THIS PLAN. APPROXIMATE LOCATIONS OF EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. SEE 'UTILITY NOTE' ON SHEET 3.

NO.	DATE	DESCRIPTION	DESIGNED BY	DATE	BY
1	05/13/2025	PRELIMINARY SUBMISSION			
2					

DESIGN BY: K.E.D.

**HALF-MILE RADIUS & USGS MAP**  
SAUGATUCKET ACRES  
ASSESSOR'S PLAT 42 LOT 9  
SOUTH KINGSTOWN, RHODE ISLAND  
PREPARED FOR:  
**JOSEPH CHARPENTIER**  
P.O. 6043, WORCESTER, MA 01606  
TEL 774-996-3814

GENERAL NOTES:

- 1. THE SITE IS LOCATED ON THE TOWN OF SOUTH KINGSTOWN ASSESSOR'S PLAT 42 LOT 9.
2. THE SITE IS APPROXIMATELY 9.38 ACRES AND IS ZONED R-40.
3. THE OWNER OF AP 42 LOT 9 IS:
JAE MILLS LLC
P.O. BOX 6643
WORCESTER, MA 01066
4. THIS SITE IS LOCATED IN FEMA FLOOD ZONES X. REFERENCE FEMA FLOOD INSURANCE RATE MAP 44099C020K, MAP REVISED APRIL, 3, 2020. (FLOOD PLAIN DESCRIPTIONS SHOWN BELOW).
• ZONE X (UNSHADED) - THIS SITE IS LOCATED IN FEMA FLOOD ZONE X, WHICH ARE AREAS WHERE THERE IS MINIMAL FLOODING.
5. THE BOUNDARY LINES AS SHOWN ON THE ENGINEERING PLAN SET DEPICTS THE RESULTS OF A CLASS I BOUNDARY RETRACEMENT SURVEY AS PERFORMED BY DIPRETE ENGINEERING. THIS PLAN IS NOT TO BE CONSTRUED AS A CLASS I BOUNDARY RETRACEMENT SURVEY PLAN AND IS NOT SUITABLE FOR RECORDING AS A CLASS I STANDARD SURVEY PLAN.
6. CONTOUR DATA SHOWN ON THIS PLAN CONFORMS TO A 1-4 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. (NAV08) + 9 91 - NVD0 29
7. ALL WORK PERFORMED HEREIN IS TO BE COVERED BY CURRENT EDITIONS OF THE RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, TOWN OF SOUTH KINGSTOWN STANDARD SPECIFICATIONS AND DETAILS AND SPECIFICATIONS INCLUDED AS PART OF THE DRAWINGS. IN AREAS OF CONFLICT BETWEEN THE DIFFERENT SPECIFICATIONS, THE DESIGN PLANS AND PROJECT SPECIFICATIONS WILL TAKE PRECEDENCE OVER THE GENERAL SPECIFICATIONS AND THE CEOR WILL INTERPRET THE CONSTRUCTION REQUIREMENT. THE CONTRACTOR IS ADVISED TO SUBMIT A REQUEST FOR INFORMATION (RFI) FOR ANY AREAS OF CONFLICT BEFORE COMMITTING TO CONSTRUCTION.
8. THE SITE IS WITHIN A:
NATURAL HERITAGE AREA (RIDEM)
TMDL WATERSHED - INDIAN RIVER BROOK (RIDEM)
9. THE SITE IS NOT WITHIN A:
GROUNDWATER PROTECTION AREA (RIDEM)
SPECIAL AREA MANAGEMENT PLAN (CRMC)
GROUNDWATER PROTECTION OVERLAY DISTRICT (TOWN)
SPECIAL FLOOD HAZARD OVERLAY DISTRICT (TOWN)
EXISTING AGRICULTURAL USE AREA
OWTS CRITICAL RESOURCE AREA (RIDEM)
DRINKING WATER SUPPLY WATERSHED (RIDEM)
NATIONAL REGISTER OF HISTORIC PLACES (TOWN)
10. THERE ARE NO UNIQUE NATURAL FEATURES ON SITE.
11. THE SITE IS LOCATED WITHIN THE FRESHWATER WETLAND BUFFER RIVER PROTECTION REGION 2 PER THE FRESHWATER WETLANDS BUFFER REGIONS MAPS (250-RCR150-15-3, 24).
12. THE FOLLOWING DOCUMENTS ARE CONSIDERED PART OF THE PROJECT PLANS AND THE CONTRACTOR/OWNER MUST MAINTAIN THESE DOCUMENTS AS PART OF A FULL PLAN SET:
• SOIL EROSION AND SEDIMENT CONTROL PLAN (SESC). THE SESC CONTAINS THE FOLLOWING:
• EROSION CONTROL MEASURES
• SHORT TERM MAINTENANCE
• ESTABLISHMENT OF VEGETATIVE COVER
• CONSTRUCTION POLLUTION PREVENTION
• SEQUENCE OF CONSTRUCTION
• STORMWATER OPERATION AND MAINTENANCE PLAN (OSM). THE OSM CONTAINS:
• LONG TERM MAINTENANCE
• LONG TERM POLLUTION PREVENTION

- 21. THIS PLAN SET REFERENCES RIDOT STANDARD DETAILS (DESIGNATED AS RIDOT STD X.X.X.X). RIDOT STANDARD DETAILS ARE AVAILABLE FROM RIDOT AND ONLINE AT:
HTTP://WWW.DOT.RI.GOV/BUSINESS/CONTRACTORSANDCONSULTANTS.PHP.
22. THE SITE IS TO BE SERVICED BY PUBLIC WATER AND PRIVATE OWTS.
23. THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE SOUTH KINGSTOWN SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WITH THE USE OF DRYWELLS AND INFILTRATION PONDS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
24. THE SITE IS PROPOSED TO BE BUILT IN I PHASE AND HOMES ARE PROPOSED TO BE 4 BEDROOMS.
25. SOIL EVALUATIONS AND INFILTRATION TESTS WERE COMPLETED BY DIPRETE ENGINEERING ON 11/16/2022, 12/15/2022, 12/16/2022, AND 09/05/2024.
26. WETLAND EDGE DELINEATED BY DIPRETE ENGINEERING AND SURVEYED BY DIPRETE ENGINEERING USING SUBMETER GPS ON DATE 12/05/2023.
27. ANY PROPRIETARY PRODUCTS REFERENCED IN THIS PLAN SET ARE REPRESENTATIVE OF THE MINIMUM DESIGN REQUIREMENTS FOR THE PURPOSE THEY PROPOSE TO SERVE. ALTERNATIVES TO ANY PROPRIETARY PRODUCT MAY BE SUBMITTED TO THE CEOR FOR CONSIDERATION, WHICH MUST BE ACCOMPANIED BY A COMPLETED "SUBSTITUTION REQUEST" CSI FORM 13.1A (APRIL 2022 VERSION MODIFIED BY DIPRETE ENGINEERING 2023) - FORM AVAILABLE FROM DIPRETE ENGINEERING. SUBMISSION PACKAGE MUST INCLUDE APPROPRIATE SPECIFICATION SHEETS/DESIGN CALCULATIONS THAT DEMONSTRATE THE ALTERNATIVES MEET THE MINIMUM DESIGN PARAMETERS OF THE PRODUCT SHOWN ON THE PLANS. NO ALTERNATIVES MAY BE USED WITHOUT THE WRITTEN APPROVAL OF THE CEOR.
28. THIS PLAN SET MAY REFERENCE AND/OR INCLUDE REPRODUCTIONS OF PROPRIETARY PRODUCTS/ DETAILS BY OTHERS, AND/OR THEIR ASSOCIATED SPECIFICATIONS. ANY REFERENCED OR REPRODUCED PROPRIETARY PRODUCT OR DETAIL BY OTHERS THAT IS SHOWN ON CEOR PLANS IS STRICTLY FOR INFORMATION/SPECIFICATION PURPOSES ONLY. DIPRETE ENGINEERING DOES NOT WARRANT ANY PROPRIETARY PRODUCTS, DETAILS BY OTHERS OR THEIR RESPECTIVE DESIGNS. IF A DIPRETE ENGINEERING PLAN INCLUDES A PROPRIETARY PRODUCT DETAIL BY OTHERS (EITHER EXPLICITLY OR IMPLIED) AND IS STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND/OR REGISTERED LANDSCAPE ARCHITECT OF DIPRETE ENGINEERING, SAID STAMP DOES NOT EXTEND TO ANY PORTION OF THE PROPRIETARY PRODUCT/DETAIL BY OTHERS OR ITS DESIGN.

- 21. THIS PLAN SET REFERENCES RIDOT STANDARD DETAILS (DESIGNATED AS RIDOT STD X.X.X.X). RIDOT STANDARD DETAILS ARE AVAILABLE FROM RIDOT AND ONLINE AT:
HTTP://WWW.DOT.RI.GOV/BUSINESS/CONTRACTORSANDCONSULTANTS.PHP.
22. THE SITE IS TO BE SERVICED BY PUBLIC WATER AND PRIVATE OWTS.
23. THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE SOUTH KINGSTOWN SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WITH THE USE OF DRYWELLS AND INFILTRATION PONDS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
24. THE SITE IS PROPOSED TO BE BUILT IN I PHASE AND HOMES ARE PROPOSED TO BE 4 BEDROOMS.
25. SOIL EVALUATIONS AND INFILTRATION TESTS WERE COMPLETED BY DIPRETE ENGINEERING ON 11/16/2022, 12/15/2022, 12/16/2022, AND 09/05/2024.
26. WETLAND EDGE DELINEATED BY DIPRETE ENGINEERING AND SURVEYED BY DIPRETE ENGINEERING USING SUBMETER GPS ON DATE 12/05/2023.
27. ANY PROPRIETARY PRODUCTS REFERENCED IN THIS PLAN SET ARE REPRESENTATIVE OF THE MINIMUM DESIGN REQUIREMENTS FOR THE PURPOSE THEY PROPOSE TO SERVE. ALTERNATIVES TO ANY PROPRIETARY PRODUCT MAY BE SUBMITTED TO THE CEOR FOR CONSIDERATION, WHICH MUST BE ACCOMPANIED BY A COMPLETED "SUBSTITUTION REQUEST" CSI FORM 13.1A (APRIL 2022 VERSION MODIFIED BY DIPRETE ENGINEERING 2023) - FORM AVAILABLE FROM DIPRETE ENGINEERING. SUBMISSION PACKAGE MUST INCLUDE APPROPRIATE SPECIFICATION SHEETS/DESIGN CALCULATIONS THAT DEMONSTRATE THE ALTERNATIVES MEET THE MINIMUM DESIGN PARAMETERS OF THE PRODUCT SHOWN ON THE PLANS. NO ALTERNATIVES MAY BE USED WITHOUT THE WRITTEN APPROVAL OF THE CEOR.
28. THIS PLAN SET MAY REFERENCE AND/OR INCLUDE REPRODUCTIONS OF PROPRIETARY PRODUCTS/ DETAILS BY OTHERS, AND/OR THEIR ASSOCIATED SPECIFICATIONS. ANY REFERENCED OR REPRODUCED PROPRIETARY PRODUCT OR DETAIL BY OTHERS THAT IS SHOWN ON CEOR PLANS IS STRICTLY FOR INFORMATION/SPECIFICATION PURPOSES ONLY. DIPRETE ENGINEERING DOES NOT WARRANT ANY PROPRIETARY PRODUCTS, DETAILS BY OTHERS OR THEIR RESPECTIVE DESIGNS. IF A DIPRETE ENGINEERING PLAN INCLUDES A PROPRIETARY PRODUCT DETAIL BY OTHERS (EITHER EXPLICITLY OR IMPLIED) AND IS STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND/OR REGISTERED LANDSCAPE ARCHITECT OF DIPRETE ENGINEERING, SAID STAMP DOES NOT EXTEND TO ANY PORTION OF THE PROPRIETARY PRODUCT/DETAIL BY OTHERS OR ITS DESIGN.

- 21. THIS PLAN SET REFERENCES RIDOT STANDARD DETAILS (DESIGNATED AS RIDOT STD X.X.X.X). RIDOT STANDARD DETAILS ARE AVAILABLE FROM RIDOT AND ONLINE AT:
HTTP://WWW.DOT.RI.GOV/BUSINESS/CONTRACTORSANDCONSULTANTS.PHP.
22. THE SITE IS TO BE SERVICED BY PUBLIC WATER AND PRIVATE OWTS.
23. THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE SOUTH KINGSTOWN SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WITH THE USE OF DRYWELLS AND INFILTRATION PONDS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
24. THE SITE IS PROPOSED TO BE BUILT IN I PHASE AND HOMES ARE PROPOSED TO BE 4 BEDROOMS.
25. SOIL EVALUATIONS AND INFILTRATION TESTS WERE COMPLETED BY DIPRETE ENGINEERING ON 11/16/2022, 12/15/2022, 12/16/2022, AND 09/05/2024.
26. WETLAND EDGE DELINEATED BY DIPRETE ENGINEERING AND SURVEYED BY DIPRETE ENGINEERING USING SUBMETER GPS ON DATE 12/05/2023.
27. ANY PROPRIETARY PRODUCTS REFERENCED IN THIS PLAN SET ARE REPRESENTATIVE OF THE MINIMUM DESIGN REQUIREMENTS FOR THE PURPOSE THEY PROPOSE TO SERVE. ALTERNATIVES TO ANY PROPRIETARY PRODUCT MAY BE SUBMITTED TO THE CEOR FOR CONSIDERATION, WHICH MUST BE ACCOMPANIED BY A COMPLETED "SUBSTITUTION REQUEST" CSI FORM 13.1A (APRIL 2022 VERSION MODIFIED BY DIPRETE ENGINEERING 2023) - FORM AVAILABLE FROM DIPRETE ENGINEERING. SUBMISSION PACKAGE MUST INCLUDE APPROPRIATE SPECIFICATION SHEETS/DESIGN CALCULATIONS THAT DEMONSTRATE THE ALTERNATIVES MEET THE MINIMUM DESIGN PARAMETERS OF THE PRODUCT SHOWN ON THE PLANS. NO ALTERNATIVES MAY BE USED WITHOUT THE WRITTEN APPROVAL OF THE CEOR.
28. THIS PLAN SET MAY REFERENCE AND/OR INCLUDE REPRODUCTIONS OF PROPRIETARY PRODUCTS/ DETAILS BY OTHERS, AND/OR THEIR ASSOCIATED SPECIFICATIONS. ANY REFERENCED OR REPRODUCED PROPRIETARY PRODUCT OR DETAIL BY OTHERS THAT IS SHOWN ON CEOR PLANS IS STRICTLY FOR INFORMATION/SPECIFICATION PURPOSES ONLY. DIPRETE ENGINEERING DOES NOT WARRANT ANY PROPRIETARY PRODUCTS, DETAILS BY OTHERS OR THEIR RESPECTIVE DESIGNS. IF A DIPRETE ENGINEERING PLAN INCLUDES A PROPRIETARY PRODUCT DETAIL BY OTHERS (EITHER EXPLICITLY OR IMPLIED) AND IS STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND/OR REGISTERED LANDSCAPE ARCHITECT OF DIPRETE ENGINEERING, SAID STAMP DOES NOT EXTEND TO ANY PORTION OF THE PROPRIETARY PRODUCT/DETAIL BY OTHERS OR ITS DESIGN.

- 21. THIS PLAN SET REFERENCES RIDOT STANDARD DETAILS (DESIGNATED AS RIDOT STD X.X.X.X). RIDOT STANDARD DETAILS ARE AVAILABLE FROM RIDOT AND ONLINE AT:
HTTP://WWW.DOT.RI.GOV/BUSINESS/CONTRACTORSANDCONSULTANTS.PHP.
22. THE SITE IS TO BE SERVICED BY PUBLIC WATER AND PRIVATE OWTS.
23. THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE SOUTH KINGSTOWN SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WITH THE USE OF DRYWELLS AND INFILTRATION PONDS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
24. THE SITE IS PROPOSED TO BE BUILT IN I PHASE AND HOMES ARE PROPOSED TO BE 4 BEDROOMS.
25. SOIL EVALUATIONS AND INFILTRATION TESTS WERE COMPLETED BY DIPRETE ENGINEERING ON 11/16/2022, 12/15/2022, 12/16/2022, AND 09/05/2024.
26. WETLAND EDGE DELINEATED BY DIPRETE ENGINEERING AND SURVEYED BY DIPRETE ENGINEERING USING SUBMETER GPS ON DATE 12/05/2023.
27. ANY PROPRIETARY PRODUCTS REFERENCED IN THIS PLAN SET ARE REPRESENTATIVE OF THE MINIMUM DESIGN REQUIREMENTS FOR THE PURPOSE THEY PROPOSE TO SERVE. ALTERNATIVES TO ANY PROPRIETARY PRODUCT MAY BE SUBMITTED TO THE CEOR FOR CONSIDERATION, WHICH MUST BE ACCOMPANIED BY A COMPLETED "SUBSTITUTION REQUEST" CSI FORM 13.1A (APRIL 2022 VERSION MODIFIED BY DIPRETE ENGINEERING 2023) - FORM AVAILABLE FROM DIPRETE ENGINEERING. SUBMISSION PACKAGE MUST INCLUDE APPROPRIATE SPECIFICATION SHEETS/DESIGN CALCULATIONS THAT DEMONSTRATE THE ALTERNATIVES MEET THE MINIMUM DESIGN PARAMETERS OF THE PRODUCT SHOWN ON THE PLANS. NO ALTERNATIVES MAY BE USED WITHOUT THE WRITTEN APPROVAL OF THE CEOR.
28. THIS PLAN SET MAY REFERENCE AND/OR INCLUDE REPRODUCTIONS OF PROPRIETARY PRODUCTS/ DETAILS BY OTHERS, AND/OR THEIR ASSOCIATED SPECIFICATIONS. ANY REFERENCED OR REPRODUCED PROPRIETARY PRODUCT OR DETAIL BY OTHERS THAT IS SHOWN ON CEOR PLANS IS STRICTLY FOR INFORMATION/SPECIFICATION PURPOSES ONLY. DIPRETE ENGINEERING DOES NOT WARRANT ANY PROPRIETARY PRODUCTS, DETAILS BY OTHERS OR THEIR RESPECTIVE DESIGNS. IF A DIPRETE ENGINEERING PLAN INCLUDES A PROPRIETARY PRODUCT DETAIL BY OTHERS (EITHER EXPLICITLY OR IMPLIED) AND IS STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND/OR REGISTERED LANDSCAPE ARCHITECT OF DIPRETE ENGINEERING, SAID STAMP DOES NOT EXTEND TO ANY PORTION OF THE PROPRIETARY PRODUCT/DETAIL BY OTHERS OR ITS DESIGN.

- 21. THIS PLAN SET REFERENCES RIDOT STANDARD DETAILS (DESIGNATED AS RIDOT STD X.X.X.X). RIDOT STANDARD DETAILS ARE AVAILABLE FROM RIDOT AND ONLINE AT:
HTTP://WWW.DOT.RI.GOV/BUSINESS/CONTRACTORSANDCONSULTANTS.PHP.
22. THE SITE IS TO BE SERVICED BY PUBLIC WATER AND PRIVATE OWTS.
23. THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE SOUTH KINGSTOWN SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WITH THE USE OF DRYWELLS AND INFILTRATION PONDS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
24. THE SITE IS PROPOSED TO BE BUILT IN I PHASE AND HOMES ARE PROPOSED TO BE 4 BEDROOMS.
25. SOIL EVALUATIONS AND INFILTRATION TESTS WERE COMPLETED BY DIPRETE ENGINEERING ON 11/16/2022, 12/15/2022, 12/16/2022, AND 09/05/2024.
26. WETLAND EDGE DELINEATED BY DIPRETE ENGINEERING AND SURVEYED BY DIPRETE ENGINEERING USING SUBMETER GPS ON DATE 12/05/2023.
27. ANY PROPRIETARY PRODUCTS REFERENCED IN THIS PLAN SET ARE REPRESENTATIVE OF THE MINIMUM DESIGN REQUIREMENTS FOR THE PURPOSE THEY PROPOSE TO SERVE. ALTERNATIVES TO ANY PROPRIETARY PRODUCT MAY BE SUBMITTED TO THE CEOR FOR CONSIDERATION, WHICH MUST BE ACCOMPANIED BY A COMPLETED "SUBSTITUTION REQUEST" CSI FORM 13.1A (APRIL 2022 VERSION MODIFIED BY DIPRETE ENGINEERING 2023) - FORM AVAILABLE FROM DIPRETE ENGINEERING. SUBMISSION PACKAGE MUST INCLUDE APPROPRIATE SPECIFICATION SHEETS/DESIGN CALCULATIONS THAT DEMONSTRATE THE ALTERNATIVES MEET THE MINIMUM DESIGN PARAMETERS OF THE PRODUCT SHOWN ON THE PLANS. NO ALTERNATIVES MAY BE USED WITHOUT THE WRITTEN APPROVAL OF THE CEOR.
28. THIS PLAN SET MAY REFERENCE AND/OR INCLUDE REPRODUCTIONS OF PROPRIETARY PRODUCTS/ DETAILS BY OTHERS, AND/OR THEIR ASSOCIATED SPECIFICATIONS. ANY REFERENCED OR REPRODUCED PROPRIETARY PRODUCT OR DETAIL BY OTHERS THAT IS SHOWN ON CEOR PLANS IS STRICTLY FOR INFORMATION/SPECIFICATION PURPOSES ONLY. DIPRETE ENGINEERING DOES NOT WARRANT ANY PROPRIETARY PRODUCTS, DETAILS BY OTHERS OR THEIR RESPECTIVE DESIGNS. IF A DIPRETE ENGINEERING PLAN INCLUDES A PROPRIETARY PRODUCT DETAIL BY OTHERS (EITHER EXPLICITLY OR IMPLIED) AND IS STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND/OR REGISTERED LANDSCAPE ARCHITECT OF DIPRETE ENGINEERING, SAID STAMP DOES NOT EXTEND TO ANY PORTION OF THE PROPRIETARY PRODUCT/DETAIL BY OTHERS OR ITS DESIGN.

- 21. THIS PLAN SET REFERENCES RIDOT STANDARD DETAILS (DESIGNATED AS RIDOT STD X.X.X.X). RIDOT STANDARD DETAILS ARE AVAILABLE FROM RIDOT AND ONLINE AT:
HTTP://WWW.DOT.RI.GOV/BUSINESS/CONTRACTORSANDCONSULTANTS.PHP.
22. THE SITE IS TO BE SERVICED BY PUBLIC WATER AND PRIVATE OWTS.
23. THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE SOUTH KINGSTOWN SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WITH THE USE OF DRYWELLS AND INFILTRATION PONDS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
24. THE SITE IS PROPOSED TO BE BUILT IN I PHASE AND HOMES ARE PROPOSED TO BE 4 BEDROOMS.
25. SOIL EVALUATIONS AND INFILTRATION TESTS WERE COMPLETED BY DIPRETE ENGINEERING ON 11/16/2022, 12/15/2022, 12/16/2022, AND 09/05/2024.
26. WETLAND EDGE DELINEATED BY DIPRETE ENGINEERING AND SURVEYED BY DIPRETE ENGINEERING USING SUBMETER GPS ON DATE 12/05/2023.
27. ANY PROPRIETARY PRODUCTS REFERENCED IN THIS PLAN SET ARE REPRESENTATIVE OF THE MINIMUM DESIGN REQUIREMENTS FOR THE PURPOSE THEY PROPOSE TO SERVE. ALTERNATIVES TO ANY PROPRIETARY PRODUCT MAY BE SUBMITTED TO THE CEOR FOR CONSIDERATION, WHICH MUST BE ACCOMPANIED BY A COMPLETED "SUBSTITUTION REQUEST" CSI FORM 13.1A (APRIL 2022 VERSION MODIFIED BY DIPRETE ENGINEERING 2023) - FORM AVAILABLE FROM DIPRETE ENGINEERING. SUBMISSION PACKAGE MUST INCLUDE APPROPRIATE SPECIFICATION SHEETS/DESIGN CALCULATIONS THAT DEMONSTRATE THE ALTERNATIVES MEET THE MINIMUM DESIGN PARAMETERS OF THE PRODUCT SHOWN ON THE PLANS. NO ALTERNATIVES MAY BE USED WITHOUT THE WRITTEN APPROVAL OF THE CEOR.
28. THIS PLAN SET MAY REFERENCE AND/OR INCLUDE REPRODUCTIONS OF PROPRIETARY PRODUCTS/ DETAILS BY OTHERS, AND/OR THEIR ASSOCIATED SPECIFICATIONS. ANY REFERENCED OR REPRODUCED PROPRIETARY PRODUCT OR DETAIL BY OTHERS THAT IS SHOWN ON CEOR PLANS IS STRICTLY FOR INFORMATION/SPECIFICATION PURPOSES ONLY. DIPRETE ENGINEERING DOES NOT WARRANT ANY PROPRIETARY PRODUCTS, DETAILS BY OTHERS OR THEIR RESPECTIVE DESIGNS. IF A DIPRETE ENGINEERING PLAN INCLUDES A PROPRIETARY PRODUCT DETAIL BY OTHERS (EITHER EXPLICITLY OR IMPLIED) AND IS STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND/OR REGISTERED LANDSCAPE ARCHITECT OF DIPRETE ENGINEERING, SAID STAMP DOES NOT EXTEND TO ANY PORTION OF THE PROPRIETARY PRODUCT/DETAIL BY OTHERS OR ITS DESIGN.

- 21. THIS PLAN SET REFERENCES RIDOT STANDARD DETAILS (DESIGNATED AS RIDOT STD X.X.X.X). RIDOT STANDARD DETAILS ARE AVAILABLE FROM RIDOT AND ONLINE AT:
HTTP://WWW.DOT.RI.GOV/BUSINESS/CONTRACTORSANDCONSULTANTS.PHP.
22. THE SITE IS TO BE SERVICED BY PUBLIC WATER AND PRIVATE OWTS.
23. THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE SOUTH KINGSTOWN SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WITH THE USE OF DRYWELLS AND INFILTRATION PONDS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
24. THE SITE IS PROPOSED TO BE BUILT IN I PHASE AND HOMES ARE PROPOSED TO BE 4 BEDROOMS.
25. SOIL EVALUATIONS AND INFILTRATION TESTS WERE COMPLETED BY DIPRETE ENGINEERING ON 11/16/2022, 12/15/2022, 12/16/2022, AND 09/05/2024.
26. WETLAND EDGE DELINEATED BY DIPRETE ENGINEERING AND SURVEYED BY DIPRETE ENGINEERING USING SUBMETER GPS ON DATE 12/05/2023.
27. ANY PROPRIETARY PRODUCTS REFERENCED IN THIS PLAN SET ARE REPRESENTATIVE OF THE MINIMUM DESIGN REQUIREMENTS FOR THE PURPOSE THEY PROPOSE TO SERVE. ALTERNATIVES TO ANY PROPRIETARY PRODUCT MAY BE SUBMITTED TO THE CEOR FOR CONSIDERATION, WHICH MUST BE ACCOMPANIED BY A COMPLETED "SUBSTITUTION REQUEST" CSI FORM 13.1A (APRIL 2022 VERSION MODIFIED BY DIPRETE ENGINEERING 2023) - FORM AVAILABLE FROM DIPRETE ENGINEERING. SUBMISSION PACKAGE MUST INCLUDE APPROPRIATE SPECIFICATION SHEETS/DESIGN CALCULATIONS THAT DEMONSTRATE THE ALTERNATIVES MEET THE MINIMUM DESIGN PARAMETERS OF THE PRODUCT SHOWN ON THE PLANS. NO ALTERNATIVES MAY BE USED WITHOUT THE WRITTEN APPROVAL OF THE CEOR.
28. THIS PLAN SET MAY REFERENCE AND/OR INCLUDE REPRODUCTIONS OF PROPRIETARY PRODUCTS/ DETAILS BY OTHERS, AND/OR THEIR ASSOCIATED SPECIFICATIONS. ANY REFERENCED OR REPRODUCED PROPRIETARY PRODUCT OR DETAIL BY OTHERS THAT IS SHOWN ON CEOR PLANS IS STRICTLY FOR INFORMATION/SPECIFICATION PURPOSES ONLY. DIPRETE ENGINEERING DOES NOT WARRANT ANY PROPRIETARY PRODUCTS, DETAILS BY OTHERS OR THEIR RESPECTIVE DESIGNS. IF A DIPRETE ENGINEERING PLAN INCLUDES A PROPRIETARY PRODUCT DETAIL BY OTHERS (EITHER EXPLICITLY OR IMPLIED) AND IS STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND/OR REGISTERED LANDSCAPE ARCHITECT OF DIPRETE ENGINEERING, SAID STAMP DOES NOT EXTEND TO ANY PORTION OF THE PROPRIETARY PRODUCT/DETAIL BY OTHERS OR ITS DESIGN.

- 21. THIS PLAN SET REFERENCES RIDOT STANDARD DETAILS (DESIGNATED AS RIDOT STD X.X.X.X). RIDOT STANDARD DETAILS ARE AVAILABLE FROM RIDOT AND ONLINE AT:
HTTP://WWW.DOT.RI.GOV/BUSINESS/CONTRACTORSANDCONSULTANTS.PHP.
22. THE SITE IS TO BE SERVICED BY PUBLIC WATER AND PRIVATE OWTS.
23. THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE SOUTH KINGSTOWN SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WITH THE USE OF DRYWELLS AND INFILTRATION PONDS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
24. THE SITE IS PROPOSED TO BE BUILT IN I PHASE AND HOMES ARE PROPOSED TO BE 4 BEDROOMS.
25. SOIL EVALUATIONS AND INFILTRATION TESTS WERE COMPLETED BY DIPRETE ENGINEERING ON 11/16/2022, 12/15/2022, 12/16/2022, AND 09/05/2024.
26. WETLAND EDGE DELINEATED BY DIPRETE ENGINEERING AND SURVEYED BY DIPRETE ENGINEERING USING SUBMETER GPS ON DATE 12/05/2023.
27. ANY PROPRIETARY PRODUCTS REFERENCED IN THIS PLAN SET ARE REPRESENTATIVE OF THE MINIMUM DESIGN REQUIREMENTS FOR THE PURPOSE THEY PROPOSE TO SERVE. ALTERNATIVES TO ANY PROPRIETARY PRODUCT MAY BE SUBMITTED TO THE CEOR FOR CONSIDERATION, WHICH MUST BE ACCOMPANIED BY A COMPLETED "SUBSTITUTION REQUEST" CSI FORM 13.1A (APRIL 2022 VERSION MODIFIED BY DIPRETE ENGINEERING 2023) - FORM AVAILABLE FROM DIPRETE ENGINEERING. SUBMISSION PACKAGE MUST INCLUDE APPROPRIATE SPECIFICATION SHEETS/DESIGN CALCULATIONS THAT DEMONSTRATE THE ALTERNATIVES MEET THE MINIMUM DESIGN PARAMETERS OF THE PRODUCT SHOWN ON THE PLANS. NO ALTERNATIVES MAY BE USED WITHOUT THE WRITTEN APPROVAL OF THE CEOR.
28. THIS PLAN SET MAY REFERENCE AND/OR INCLUDE REPRODUCTIONS OF PROPRIETARY PRODUCTS/ DETAILS BY OTHERS, AND/OR THEIR ASSOCIATED SPECIFICATIONS. ANY REFERENCED OR REPRODUCED PROPRIETARY PRODUCT OR DETAIL BY OTHERS THAT IS SHOWN ON CEOR PLANS IS STRICTLY FOR INFORMATION/SPECIFICATION PURPOSES ONLY. DIPRETE ENGINEERING DOES NOT WARRANT ANY PROPRIETARY PRODUCTS, DETAILS BY OTHERS OR THEIR RESPECTIVE DESIGNS. IF A DIPRETE ENGINEERING PLAN INCLUDES A PROPRIETARY PRODUCT DETAIL BY OTHERS (EITHER EXPLICITLY OR IMPLIED) AND IS STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND/OR REGISTERED LANDSCAPE ARCHITECT OF DIPRETE ENGINEERING, SAID STAMP DOES NOT EXTEND TO ANY PORTION OF THE PROPRIETARY PRODUCT/DETAIL BY OTHERS OR ITS DESIGN.

SOIL EROSION AND SEDIMENT CONTROL NOTES:

- 1. THE CONTRACTOR IS RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL ON SITE WHICH MUST BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS AND AUTHORITY HAVING JURISDICTION. THE CONTRACTOR MUST NOTIFY THE CEOR, THE DIRECTOR OF PUBLIC WORKS, THE TOWN ENGINEER, AND RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
2. ALL EROSION CONTROL INCLUDING (BUT NOT LIMITED TO) TEMPORARY SWALES, TEMPORARY SEDIMENT TRAPS, ETC. MUST BE INSTALLED PER THE LATEST EDITION OF THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL (RISECS) HANDBOOK AND THE SOIL EROSION AND SEDIMENT CONTROL PLANS. NOTE THE SOIL EROSION AND SEDIMENT CONTROL, SHOWN ON THESE PLANS ARE THE MINIMUM QUANTITY/TYPE OF EROSION CONTROL DEVICES AND MATERIALS DEEMED REQUIRED BY THE CEOR TO MEET THE OBJECTIVES OF THE RISECS HANDBOOK, BUT IS CONSIDERED A GUIDE ONLY. ADDITIONAL MEASURES/ALTERNATE CONFIGURATIONS MAY BE REQUIRED IN ORDER TO MEET THE RISECS HANDBOOK BASED ON FACTORS LIMITED TO SITE PARAMETERS, WEATHER, INSPECTIONS AND UNIQUE FEATURES. THE SESC WILL CONTINUE TO EVOLVE THROUGHOUT CONSTRUCTION/PHASES. PURSUANT TO NOTE I ABOVE, SESC REMAINS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE SITE IS FULLY STABILIZED AND/OR SESC RESPONSIBILITIES ARE ASSUMED BY THE OWNER IN WRITING.
3. TEMPORARY SWALES MUST BE USED TO CONTROL RUNOFF DURING CONSTRUCTION OF THE PROPOSED SITE WORK, AND MUST BE VEGETATED AFTER CONSTRUCTION. EROSION CONTROL MATS MUST BE INSTALLED, IF NECESSARY, TO PREVENT EROSION AND SUPPORT VEGETATION. AFTER CONSTRUCTION IS COMPLETE AND TRIBUTARY AREAS TO THE SWALES HAVE BEEN STABILIZED, THE TEMPORARY SWALES MUST BE CLEARED AND FINAL DESIGN, INCLUDING INSTALLATION OF THE GRASS SWALE MUST BE PER THE DESIGN PLANS.
4. ONCE THE SEDIMENT TRAPS NO LONGER REQUIRED AND ALL TRIBUTARY AREAS HAVE BEEN STABILIZED, THE TEMPORARY SEDIMENT TRAPS MUST BE CLEARED AND BROUGHT TO FINAL DESIGN GRADES.
5. FOR SEQUENCE OF CONSTRUCTION, PROJECT PHASING AND CONSTRUCTION PHASING SEE SESC PLAN.
6. CONTRACTOR MAY MODIFY SEQUENCE OF CONSTRUCTION WITH APPROVAL FROM THE CEOR AND OWNER.
7. IF CONCRETE TRUCKS ARE WASHED OUT ON SITE, ALL WASHOUT MUST BE PERFORMED IN THE DESIGNATED CONCRETE WASHOUT AREA.
8. SLOPES STEEPER THAN 3:1 REQUIRE TEMPORARY EROSION CONTROL BLANKETS. EROSION CONTROL BLANKETS TO BE NORTH AMERICAN GREEN OR APPROVED EQUAL AND INSTALLED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
9. AT THE COMPLETION OF CONSTRUCTION AND PRIOR TO DEMOBILIZATION, CONTRACTOR MUST FLUSH AND CLEAN THE ENTIRE DRAINAGE NETWORK. ALL STRUCTURES AT DOWNSTREAM CONNECTION POINTS, WATER QUALITY SYSTEMS, INFILTRATION BASINS, ETC. CLEANING MUST INCLUDE REMOVAL OF ALL SEDIMENTS AND DEBRIS FROM PIPES AND ALL DRAINAGE COMPONENTS. WASTE MATERIAL MUST BE LEGALLY DISPOSED OF OFF SITE.
10. THERE ARE NO UNIQUE NATURAL FEATURES ON SITE.
11. THE SITE IS LOCATED WITHIN THE FRESHWATER WETLAND BUFFER RIVER PROTECTION REGION 2 PER THE FRESHWATER WETLANDS BUFFER REGIONS MAPS (250-RCR150-15-3, 24).
12. THE FOLLOWING DOCUMENTS ARE CONSIDERED PART OF THE PROJECT PLANS AND THE CONTRACTOR/OWNER MUST MAINTAIN THESE DOCUMENTS AS PART OF A FULL PLAN SET:
• SOIL EROSION AND SEDIMENT CONTROL PLAN (SESC). THE SESC CONTAINS THE FOLLOWING:
• EROSION CONTROL MEASURES
• SHORT TERM MAINTENANCE
• ESTABLISHMENT OF VEGETATIVE COVER
• CONSTRUCTION POLLUTION PREVENTION
• SEQUENCE OF CONSTRUCTION
• STORMWATER OPERATION AND MAINTENANCE PLAN (OSM). THE OSM CONTAINS:
• LONG TERM MAINTENANCE
• LONG TERM POLLUTION PREVENTION

DEMOLITION NOTES:

- 1. CONTRACTOR MUST NOTIFY "DIG SAFE" AT 811 (OR 1-888-344-7233) A MINIMUM OF 72 HOURS BEFORE EXCAVATING.
2. CONTRACTOR MUST OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
3. CONTRACTOR MUST PERFORM DAILY SWEEPING AT CONSTRUCTION ENTRANCES DURING DEMOLITION AND CONSTRUCTION TO MINIMIZE SEDIMENTS ON EXTERNAL STREETS.
4. ANY EXISTING BUILDING(S) AND PROPERTY PROPOSED TO REMAIN THAT ARE DAMAGED BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
5. CONTRACTOR IS RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING (R&D) ALL MATERIALS INDICATED ON THE PLANS UNLESS SPECIFIED OTHERWISE HEREIN. R&D MATERIALS INCLUDE BUT ARE NOT LIMITED TO: PAVED AREAS, MANHOLE COVERS, GRATES/FRAMES/COVERS, AND ANY EXCESS SOIL THAT IS NOT INCORPORATED INTO THE WORK.
6. IN ADDITION TO THOSE AREAS SPECIFICALLY DESIGNATED ON THE PLANS, ALL DISTURBED AREAS INCLUDING THE CONTRACTOR'S STOCKPILE AND STAGING AREAS WITHIN THE LIMIT OF WORK MUST BE RESTORED TO MATCH THE DESIGN PLANS.
7. CONTRACTOR MUST DOCUMENT LOCATION OF ALL SUBSURFACE UTILITIES REMAINING IN PLACE AFTER DEMOLITION (ACTIVE AND INACTIVE) AND MUST BE DOCUMENTED BY FIELD SURVEY OR SWING TIES. COPIES OF LOCATION DOCUMENTATION MUST BE PROVIDED TO THE OWNER FOLLOWING COMPLETION OF DEMOLITION AND PRIOR TO START OF NEW CONSTRUCTION. A MARKER MUST BE INSTALLED TO FINISH GROUND AT ALL INSTALLED CAPS/PLUGS. THE MARKER CAN BE A POST IN CONSTRUCTION AREAS OR PAINTED ON A PERMANENT SURFACE.
8. ACTIVE UTILITY LINES AND STRUCTURES NOT SPECIFICALLY NOTED ON PLANS, BUT WHICH ARE ENCOUNTERED TO BE IN CONFLICT WITH THE PROPOSED WORK, MUST BE EXTENDED, PROTECTED, OR REWORKED BY THE CONTRACTOR AS DIRECTED OR REQUIRED BY THE UTILITY ENTITY OR OWNER UNLESS OTHERWISE NOTED.
9. CONTRACTOR MUST COORDINATE THE CUTTING AND CAPPING OF ALL UTILITIES WITH THE OWNER, THE MUNICIPALITY, AND ALL APPLICABLE UTILITY ENTITIES HAVING JURISDICTION.
10. INACTIVE SUBSURFACE UTILITIES NOT IN CONFLICT WITH THE PROPOSED WORK AREA MAY BE ABANDONED IN PLACE WITH WRITTEN PERMISSION FROM THE OWNER.

LAYOUT AND MATERIALS:

- 1. DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MEET ALL SIGNAGE AND PAVEMENT MARKING REQUIREMENTS OF THE MUTCD AND AUTHORITIES HAVING JURISDICTION, REGARDLESS OF ITEMS SHOWN (OR NOT SHOWN) ON THIS PLAN SET. THIS INCLUDES (BUT MAY NOT BE LIMITED TO) SIGN TYPE, NUMBER OF SIGNS, POLE/ MOUNTING TYPE, PAVEMENT MARKING LOCATIONS/ TYPE/ WIDTH, MATERIALS, INSTALLATION METHODS, AND ANY ADDITIONAL SIGNS AND/OR MARKINGS THAT MAY BE REQUIRED. THE CONTRACTOR MUST NOTIFY THE CEOR OF ANY MODIFICATIONS OR DISCREPANCIES PRIOR TO ORDERING OR INSTALLING SIGNAGE/ PAVEMENT MARKINGS.
3. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR MUST REFER TO THE DETAIL SHEET DIMENSIONS, DIMENSIONS OF THE PLANS AND SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
4. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS PERTAINING TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.
5. THE HOUSES SHOWN ARE SCHEMATIC ONLY AND WILL BE DESIGNED PRIOR TO BUILDING PERMIT APPLICATIONS.
6. CONTROL POINTS, PROPOSED BOUNDS, AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION MUST BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
7. CONTRACTOR MUST NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS AND DATA FILES THAT ARE OBTAINED FROM THE CEOR. CONTRACTOR MUST VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE STANDARD PRACTICES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.
8. ALL GUARDRAIL ONSITE MUST BE STEEL BACKED TIMBER GUARDRAIL WITH STEEL POSTS, IN CONFORMANCE WITH SECTION 5.4.1.10 "MERRITT PARKWAY AESTHETIC GUARDRAIL" OF THE AASHTO ROADSIDE DESIGN GUIDE 4TH EDITION 2010. ALTERNATIVE GUARDRAILS WILL BE CONSIDERED BY THE CEOR IF THEY ARE NOT APPROVED EQUAL AND ACCEPTED TO THE OWNER. ALTERNATIVES MUST BE APPROVED IN WRITING BY THE OWNER AND CEOR PRIOR TO CONSTRUCTION. GUARDRAIL IS REQUIRED AT ALL ROADWAYS/PARKING LOTS/PAVED TRAFFIC AREAS ADJACENT TO FLEETS WITH A HEIGHT GREATER THAN SIX FEET AT A 3:1 SLOPE, AND ALL SLOPES WITH A HEIGHT GREATER THAN THREE FEET AT A 2:1 SLOPE. THE 3'-0" SIDEWALK WIDTH IS REQUIRED FOR SLOPES GREATER THAN TWO FEET IN HEIGHT. THE CONTRACTOR IS RESPONSIBLE TO MEET ANY AND ALL GUARDRAIL PROVISIONS THAT MAY BE REQUIRED BY THE AHJ.
9. INFRARED TREATMENT OF PAVEMENT IS REQUIRED AT ALL CURB CUTS, AT ANY DISTURBED PAVEMENT ON ROADWAYS, AND WHERE ANY NEW PAVEMENT MEETS EXISTING PAVEMENT.
10. ALL EXISTING PAVEMENT MARKING REMOVED AS INCIDENTAL DURING CONSTRUCTION MUST BE REPLACED IN-KIND FOLLOWING COMPLETION OF CONSTRUCTION UNLESS OTHERWISE NOTED.
11. NEW PAVEMENT MARKING MUST BE FAST DRYING TRAFFIC PAINT, MEETING THE REQUIREMENTS OF AASHTO M248 TYPE III. PAINT SHALL BE APPLIED AS SPECIFIED BY THE MANUFACTURER. OR PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION

AS-BUILT NOTES:

- 1. ALL COMPONENTS OF THE DRAINAGE, SEWER, AND WATER SYSTEMS MUST BE FIELD LOCATED PRIOR TO COVERING. NOTIFY SURVEYOR A MINIMUM OF SEVENTY-TWO (72) HOURS IN ADVANCE OF NEED FOR FIELD LOCATION OF IMPROVEMENTS. SURVEYOR MUST PROVIDE OWNER AND CONTRACTOR WITH WRITTEN NOTICE OF COMPLETION OF FIELD WORK PRIOR TO CONTRACTOR COVERING IMPROVEMENTS. DIPRETE ENGINEERING WILL NOT ACCEPT FIELD MEASUREMENTS FROM THE SITE CONTRACTOR.

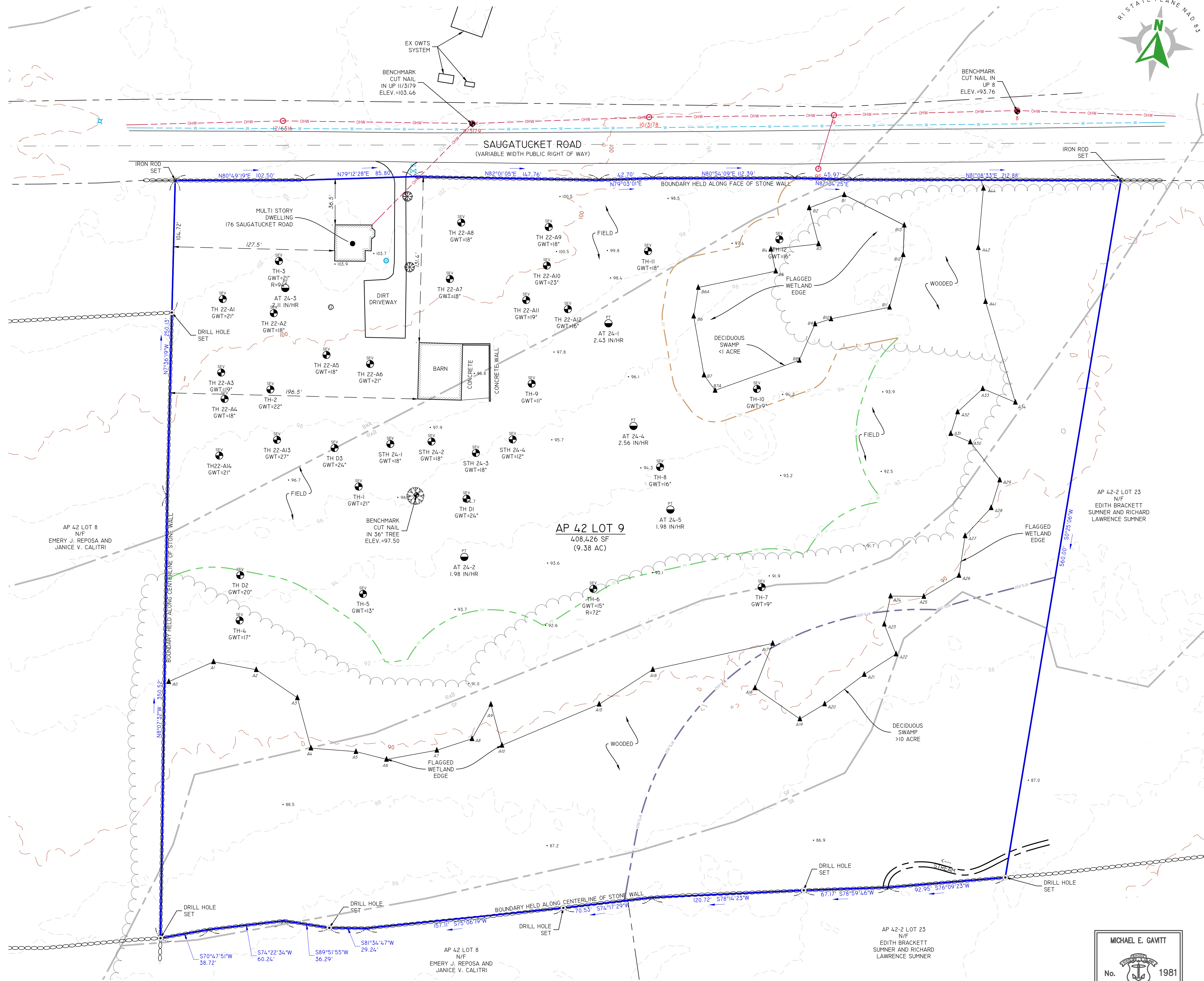
GRADING, DRAINAGE, AND UTILITY NOTES:

- 1. CONSTRUCTION TO COMMENCE SPRING 2025 OR UPON RECEIPT OF ALL NECESSARY APPROVALS.
2. THE CONTRACTOR MUST COORDINATE WITH ALL OF THE APPROPRIATE UTILITY COMPANIES FOR AGREEMENTS TO SERVICE THE PROPOSED BUILDING. THIS MUST BE DONE PRIOR TO CONSTRUCTION. NO REPRESENTATIONS ARE MADE BY DIPRETE ENGINEERING THAT UTILITY SERVICE IS AVAILABLE.
3. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING FINISH GRADING AND DRAINAGE AROUND THE BUILDING TO ENSURE SURFACE WATER AND/OR GROUNDWATER IS DIRECTED AWAY FROM THE STRUCTURE.
4. PRIOR TO START OF CONSTRUCTION, CONTRACTOR MUST 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. CONTRACTOR MUST NOTIFY THE CEOR OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
5. ALL PROPOSED UNDERGROUND UTILITIES SERVING THE SITE AND BUILDINGS MUST BE COORDINATED WITH OWNER, ARCHITECT, AND ENGINEER PRIOR TO INSTALLATION.
6. ALL RETAINING WALLS AND STEEP SLOPES ARE SUBJECT TO FINAL STRUCTURAL DESIGN. DIPRETE ENGINEERING IS NOT PROVIDING THE STRUCTURAL DESIGN OF THESE ITEMS. ALL WALLS AND STEEP SLOPES MUST BE DESIGNED AND BUILT UNDER THE DIRECTION OF A RHODE ISLAND LICENSED PROFESSIONAL ENGINEER SUITABLY QUALIFIED IN GEOTECHNICAL ENGINEERING AND CERTIFIED TO THE OWNER PRIOR TO THE COMPLETION OF THE PROJECT. SHOP DRAWINGS MUST BE SUBMITTED PRIOR TO CONSTRUCTION. FINAL STRUCTURAL DESIGN MUST INCORPORATE THE INTENT OF THE GRADING SHOWN ON THESE PLANS AND ALL WORK MUST BE WITHIN THE LIMIT OF DISTURBANCE SHOWN ON THE PLANS.
7. ALL CUT AND FILL WORK MUST BE DONE UNDER THE DIRECTION OF A PROFESSIONAL GEOTECHNICAL ENGINEER, WITH TESTING AND CERTIFICATION PROVIDED TO THE OWNER AT THE COMPLETION OF THE PROJECT. DIPRETE ENGINEERING IS NOT PROVIDING THE FILL SPECIFICATION, GEOTECHNICAL ENGINEERING, STRUCTURAL ENGINEERING SERVICES, OR SUPERVISION AS PART OF THESE DRAWINGS.
8. MATERIAL STOCKPILES MUST NOT BE LOCATED IN THE RIGHT-OF-WAY, AND TRENCHES MUST NOT BE LEFT OPEN OVERNIGHT.
9. ALL LOAM IN DISTURBED AREAS MUST BE STOCKPILED FOR FUTURE USE. ALL STOCKPILED LOAM MUST BE REUSED ONSITE.
10. ALL EXCESS SOIL, TREES, ROCKS, BOULDERS, AND OTHER REFUSE, MUST BE DISCARDED OFF SITE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. STUMPS MUST BE GROUND ON SITE OR REMOVED.
11. NO STUMP DUMPS ARE ALLOWED ON SITE.
12. ALL DRAINAGE OUTFALLS ARE DESIGNED TO BE INSTALLED AT EXISTING GROUND ELEVATION. CONTRACTOR MUST IMMEDIATELY NOTIFY THE CEOR OF ANY DISCREPANCIES WHERE EXISTING GROUND IS HIGHER THAN OUTFALL DESIGN ELEVATION. ANY RESOLUTION OF DISCREPANCIES BY THE CONTRACTOR, UNLESS AUTHORIZED IN WRITING IN ADVANCE BY THE OWNER AND THE CEOR, IS DONE AT THE CONTRACTOR'S RISK.
13. CONTRACTOR MUST PROVIDE SUE CUTTING AND FULL DEPTH PAVEMENT RESTORATION IN AREAS WHERE PAVEMENT AND/OR SIDEWALK IS REMOVED FOR UTILITY INSTALLATION.
14. IF ROADWAY SURFACE PAVEMENT COURSE IS NOT TO BE INSTALLED FOR 12 MONTHS OR MORE AFTER INSTALLATION OF DRAINAGE STRUCTURES, ALL CATCH BASIN RIMS MUST BE SET AT BINDER GRADE AND RAISED TO FINISH GRADE PRIOR TO PLACEMENT OF SURFACE COURSE.
15. ALL RESIDENTIAL BUILDING SLABS (BASEMENT AND/OR SLAB ON GRADE), REGARDLESS OF FINISH FLOOR ELEVATIONS SHOWN ON PLANS, MUST HAVE A MINIMUM OF 12" SEPARATION TO THE SEASONAL HIGH GROUNDWATER TABLE. DIPRETE ENGINEERING ONLY CERTIFIES TO THE SOIL CONDITIONS IN AREAS TESTED. ADDITIONAL TESTING WILL BE REQUIRED DURING CONSTRUCTION TO VERIFY SEASONAL HIGH GROUNDWATER. ALL TESTING TO BE WITNESSED BY A LICENSED SOIL EVALUATOR. CONTRACTOR TO NOTIFY DESIGN ENGINEER IF SOIL CONDITIONS ARE FOUND TO DIFFER OR IN CONFLICT WITH A MINIMUM OF 12" OF SEPARATION.
16. CONTRACTOR MUST HOLD/ SUPPORT/ RESTORE ALL EXISTING UTILITY COMPONENTS INCLUDING (BUT NOT LIMITED TO) POLES, MAST ARMS AND ABOVEGROUND OBJECTS AS NECESSARY DURING THE PROPOSED WORKS AND ELECTRICAL INSTALLATION. CONTRACTOR MUST COORDINATE SAID WORKS WITH ALL ASSOCIATED UTILITY OWNERS ACCORDINGLY. ANY EXISTING ITEMS DAMAGED OR REMOVED AS INCIDENTAL DURING UTILITY CONNECTION/ ELECTRICAL INSTALLATION INCLUDING (BUT NOT LIMITED TO) CURB IN THE ROW MUST BE REPLACED IN KIND FOLLOWING COMPLETION OF WORKS.
17. DRAINAGE STRUCTURES MUST BE AS FOLLOWS (UNLESS OTHERWISE NOTED ON PLANS):
• CATCH BASINS: RIOT STD. 4.4.0. 4' DIA. TYPE B, 4' DIAMETER WITH APRON STONE
• CATCH BASINS NOT ALONG CURBING: RIOT STD 4.4.0, 4' DIAMETER
• CATCH BASINS MUST HAVE 3 FT SPTS WITHOUT SEEP HOLES
• SINGLE FRAME CATCH BASIN GRATES: RIOT STD 6.3.2
• DOUBLE FRAME CATCH BASIN GRATES: RIOT STD 6.3.2
• HIGH CAPACITY CATCH BASIN GRATES: RIOT STD 6.3.4, AND INSTALLED ANYWHERE GRADES ARE 6% AND STEEPER
• DRAINAGE MANHOLE COVERS: RIOT STD 6.2.1
• DROP INLETS: RIOT STD 4.5.0, 4.5.1 OR 4.5.2
• APRON STONE, WHERE REQUIRED: RIOT STD 7.1.7 OR 7.1.8
• HEADWALLS: RIOT STD 2.1.0
• MANHOLES: RIOT STD 4.2.0, 4.2.1 OR 4.2.2 AS REQUIRED. SEE NOTES BELOW FOR COVER TYPE SELECTION.
• ALL OUTLET CONTROL STRUCTURES (OCS) AND DRAINAGE MANHOLES WITH INTERNAL WEIRS MUST USE FLAT TOP STRUCTURE COVER.
• FOR ALL OTHER DRAINAGE STRUCTURES: IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE APPROPRIATE STRUCTURE TO BE USED. CONTRACTOR MUST NOTIFY THE CEOR OF ANY DISCREPANCIES AS SHOWN ON THESE PLANS, INCLUDING (BUT NOT LIMITED TO) THE RELATIONSHIP BETWEEN FINISH SURFACE ELEVATION/ DEPTH TO PIPE INVERTS AND MEETING MANUFACTURER/ AHJ REQUIREMENTS & SPECIFICATIONS.

- 1. ALL SANITARY SEWER PIPING MUST BE SDR 35 UNLESS NOTED OTHERWISE ON THE PLANS OR IN THE SPECIFICATIONS. ALL SEWER IMPROVEMENTS MUST COMPLY WITH THE NARRAGANSETT BAY COMMISSION RULES AND REGULATIONS AND ANY APPLICABLE AUTHORITY HAVING JURISDICTION, INCLUDING (BUT NOT LIMITED TO) MATERIALS, DIMENSIONS AND ACCESS COVERS. CONTRACTOR MUST SUBMIT SHOP DRAWINGS FOR APPROVAL BY ENGINEER OF RECORD PRIOR TO CONSTRUCTION. ALL FITTINGS, STRUCTURE SEALS AND CONNECTIONS MUST BE WATERTIGHT.
2. ALL WATER MAINS MUST BE CEMENT LINED DUCTILE IRON PIPE (CLDIP). ALL WATER MAIN IMPROVEMENTS MUST COMPLY WITH SOUTH KINGSTOWN WATER DIVISION REGULATIONS AND ANY APPLICABLE AUTHORITY HAVING JURISDICTION, INCLUDING (BUT NOT LIMITED TO) MATERIALS, DIMENSIONS AND ACCESS COVERS. CONTRACTOR TO PROVIDE SHOP DRAWINGS AND SUBMITTALS TO THE ENGINEER OF RECORD FOR APPROVAL FOR ALL WATER IMPROVEMENTS AND APPURTENANCES INCLUDING BUT NOT LIMITED TO PIPES, VALVES, FITTINGS, HEAT ENCLOSURES, AND BACKFLOW PREVENTERS. ALL COMPONENTS OF THE WATER SYSTEM MUST BE ASBUILT PER PROVIDENCE WATER REQUIREMENTS. ALL COMPONENTS OF THE WATER SYSTEM MUST BE INSPECTED BY PROVIDENCE WATER. CONTRACTOR MUST COORDINATE ALL IMPROVEMENTS WITH PROVIDENCE WATER TO ENSURE INSPECTOR IS ON SITE.

- 1. ALL SANITARY SEWER PIPING MUST BE SDR 35 UNLESS NOTED OTHERWISE ON THE PLANS OR IN THE SPECIFICATIONS. ALL SEWER IMPROVEMENTS MUST COMPLY WITH THE NARRAGANSETT BAY COMMISSION RULES AND REGULATIONS AND ANY APPLICABLE AUTHORITY HAVING JURISDICTION, INCLUDING (BUT NOT LIMITED TO) MATERIALS, DIMENSIONS AND ACCESS COVERS. CONTRACTOR MUST SUBMIT SHOP DRAWINGS FOR APPROVAL BY ENGINEER OF RECORD PRIOR TO CONSTRUCTION. ALL FITTINGS, STRUCTURE SEALS AND CONNECTIONS MUST BE WATERTIGHT.
2. ALL WATER MAINS MUST BE CEMENT LINED DUCTILE IRON PIPE (CLDIP). ALL WATER MAIN IMPROVEMENTS MUST COMPLY WITH SOUTH KINGSTOWN WATER DIVISION REGULATIONS AND ANY APPLICABLE AUTHORITY HAVING JURISDICTION, INCLUDING (BUT NOT LIMITED TO) MATERIALS, DIMENSIONS AND ACCESS COVERS. CONTRACTOR TO PROVIDE SHOP DRAWINGS AND SUBMITTALS TO THE ENGINEER OF RECORD FOR APPROVAL FOR ALL WATER IMPROVEMENTS AND APPURTENANCES INCLUDING BUT NOT LIMITED TO PIPES, VALVES, FITTINGS, HEAT ENCLOSURES, AND BACKFLOW PREVENTERS. ALL COMPONENTS OF THE WATER SYSTEM MUST BE ASBUILT PER PROVIDENCE WATER REQUIREMENTS. ALL COMPONENTS OF THE WATER SYSTEM MUST BE INSPECTED BY PROVIDENCE WATER. CONTRACTOR MUST COORDINATE ALL IMPROVEMENTS WITH PROVIDENCE WATER TO ENSURE INSPECTOR IS ON SITE.

- 1. ALL SANITARY SEWER PIPING MUST BE SDR 35 UNLESS NOTED OTHERWISE ON THE PLANS OR IN THE SPECIFICATIONS. ALL SEWER IMPROVEMENTS MUST COMPLY WITH THE NARRAGANSETT BAY COMMISSION RULES AND REGULATIONS AND ANY APPLICABLE AUTHORITY HAVING JURISDICTION, INCLUDING (BUT NOT LIMITED TO) MATERIALS, DIM

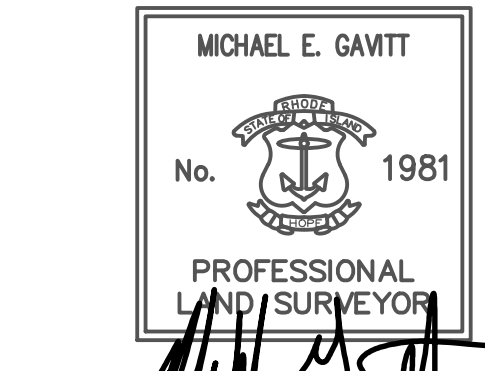
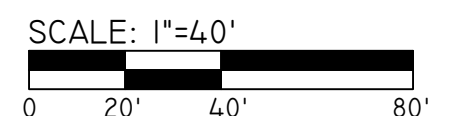


LOCUS MAP Not To Scale

**LEGEND**

Water Line	123/1234	DEED BOOK/PAGE	BOLLARD
Sewer Line	AP	ASSESSOR'S PLAT	SOIL EVALUATION
Sewer Force Main	HC	HANDICAPPED	CATCH BASIN
Gas Line	N/F	NOW OR FORMERLY	DOUBLE CATCH BASIN
Electric Line	LC	LANDSCAPING	WATER VALVE
Overhead Wires	(R)	RECORD	GAS VALVE
Drainage Lines	(CA)	CHORD ANGLE	B-I WETLAND FLAG
Minor Contour Line	▲	NAIL/SPIKE	DRAINAGE MANHOLE
Major Contour Line	▲	DRILL HOLE	FLARED END SECTION
Property Line	○	IRON ROD/PIPE	ELECTRIC MANHOLE
Assessors Line	□	BOUND	UTILITY/POWER POLE
Guardrail	○	SEWER MANHOLE	LIGHTPOST
Retaining Wall	○	SEWER CLEANOUT	WELL
Stone Wall	○	HYDRANT	MONITORING WELL
	○	IRRIGATION VALVE	BENCH MARK
	○	UNKNOWN MANHOLE	TREE

- GENERAL NOTES**
- THE PARCEL IS FOUND ON ASSESSOR'S PLAT 42, LOT 9 IN THE TOWN OF SOUTH KINGSTOWN, WASHINGTON COUNTY, RHODE ISLAND.
  - THE OWNER PER DEED BOOK 1875, PAGE 370 IS JAE MILLS, LLC.
  - THIS SITE IS LOCATED IN FEMA FLOOD ZONE X. REFERENCE FEMA FLOOD INSURANCE RATE MAP 44009C0203K & 44009C0204K, MAPS REVISED APRIL 3, 2023. 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 R40 BASED ON THE TOWN OF SOUTH KINGSTOWN 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 AND THERE ARE NO CEMETERIES, GRAVE SITES AND OR BURIAL GROUNDS SHOWN ON THE RHODE ISLAND HISTORICAL CEMETERIES ONLINE DATABASE.
  - FIELD SURVEY PERFORMED BY DIPRETE ENGINEERING ON NOVEMBER 20, 2023. 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 ON FIELD SURVEY BY DIPRETE ENGINEERING. WETLAND FLAGS WERE DELINEATED BY DIPRETE ENGINEERING.



MICHAEL E. GAWITT, R.I.P.L.S. #1981, COA. LS. 000A160  
1/27/2025

**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 26, 2015, AS FOLLOWS:

- LIMITED CONTENT BOUNDARY SURVEY (PERIMETER) CLASS I
- TOPOGRAPHIC SURVEY CLASS T-4

THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS: PERIMETER RETRACEMENT WITH TOPOGRAPHY FOR SITE ENGINEERING AND PERMITTING.

**Diprete Engineering**  
Engineers - Planners - Surveyors  
www.diprete-eng.com  
Two Stafford Court Cranston, RI 02920 • Tel: 401-943-1000

**MOLLY R. TITUS**  
No. [Signature]  
REGISTERED PROFESSIONAL ENGINEER CIVIL

NO.	DATE	DESCRIPTION	S.I.P.	A.U.F.	B.T.
01/27/2025	01/27/2025	PERIMETER AND TOPOGRAPHIC SURVEY PLAN			

**BOUNDARY AND TOPOGRAPHIC SURVEY PLAN**  
**176 SAUGATUCKET ROAD**  
ASSESSOR'S PLAT 42 LOT 9  
SOUTH KINGSTOWN, RHODE ISLAND

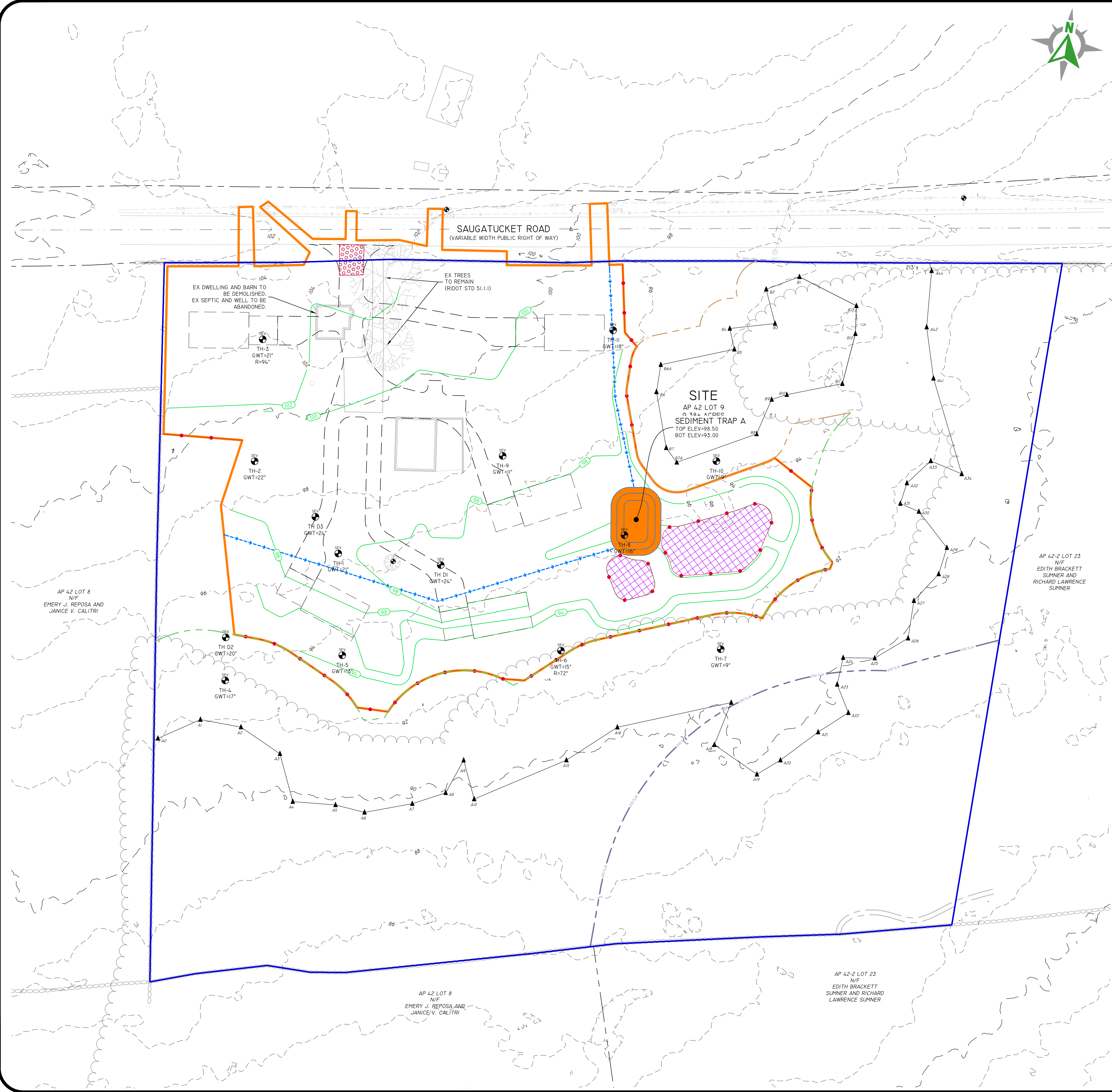
PREPARED FOR:  
**JOE CHARPENTIER & ANNA SZETO**  
P.O. BOX 6043  
WORCESTER, MA 01606

DE-ARB-NO-2837486-COPYRIGHT 2025 BY DIPRETE ENGINEERING ASSOCIATES, INC.

SHEET **4** OF 10

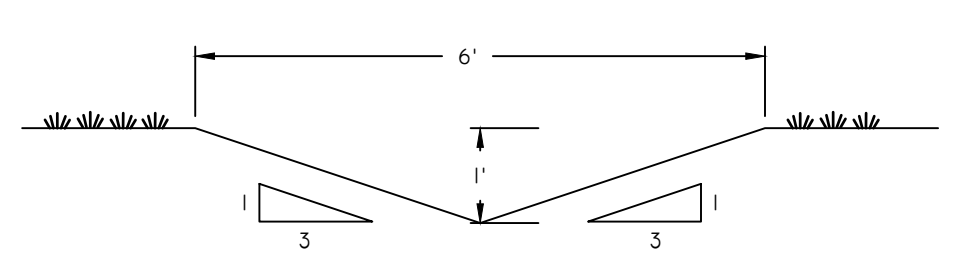
2:\diprete\projects\13287-001-saugatucket-road\176-saugatucket-road\176-saugatucket-road.dwg (Printed: 1/27/2025)

Z:\DEVELOPMENT\PROJECTS\1287-001 SAUGATUCKET ROAD TRAFFIC\CAD DRAWINGS\2387-001-PLAN.DWG PLOT# 5/13/2025



- SOIL EROSION CONTROL IMPLEMENTATION PHASING**
- PHASE IA - INSTALL EROSION CONTROL SILT FENCE & STONE CONSTRUCTION ENTRANCE.
  - PHASE IB - INSTALL TEMPORARY SEDIMENTATION TRAP, CONSTRUCT CLEAN WATER DIVERSIONS
  - PHASE IC - CONSTRUCT PROPOSED DIVERSIONS
  - PHASE IIA - CLEAR AND GRUB IMPERVIOUS AREAS, CONSTRUCT PROPOSED BUILDING & INSTALL UTILITIES WITH ROADWAYS, INSTALL DRAINAGE NETWORK WORKING FROM THE DOWN GRADIENT BASINS UP TO THE START OF NETWORK, INSTALL ASPHALT PAVING.
  - PHASE IIB - STABILIZE ALL DISTURBED AREAS, DE-CONSTRUCT DIVERSIONS AND TEMPORARY SEDIMENTATION TRAPS.
- NOTE - SOIL EROSION CONTROL IMPLEMENTATION PHASING SHOULD NOT BE MISCONSTRUED WITH CONSTRUCTION PHASING/ SEQUENCING. ALL MEASURES DEPICTED ON THIS PLAN ARE TO BE INSTALLED WITH THE FIRST PHASE OF CONSTRUCTION.

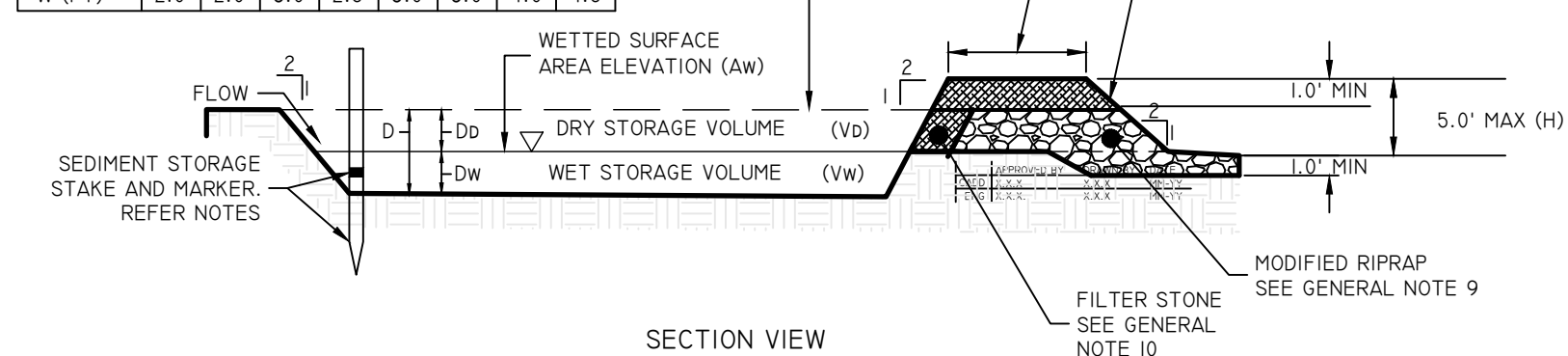
- SOIL EROSION CONTROL LEGEND**
- DIVERSION RUNOFF CONVEYANCE MEASURE (SWALE AND/OR BERM)
  - TEMPORARY SEDIMENT TRAP
  - EROSION CONTROL (COMPOST SOCK, SILT FENCE (RI STD 9.2.0, OR APPROVED EQUAL))
  - CLASS C SILT FENCE
  - LIMIT OF DISTURBANCE (NO SEDIMENT CONTROL)
  - LIMIT OF DISTURBANCE (WITH SEDIMENT CONTROL)
  - TRIBUTARY AREA TO SESC BMP
  - CONSTRUCTION ENTRANCE (RIDOT STD 9.9.0)
  - INFILTRATING AREA (TO BE PROTECTED BY COMPOST SOCK OR SILT FENCE)
  - FINAL CONTOUR GRADE
  - INLET SEDIMENT CONTROL



**TEMPORARY DIVERSION CHANNEL**  
NOT TO SCALE

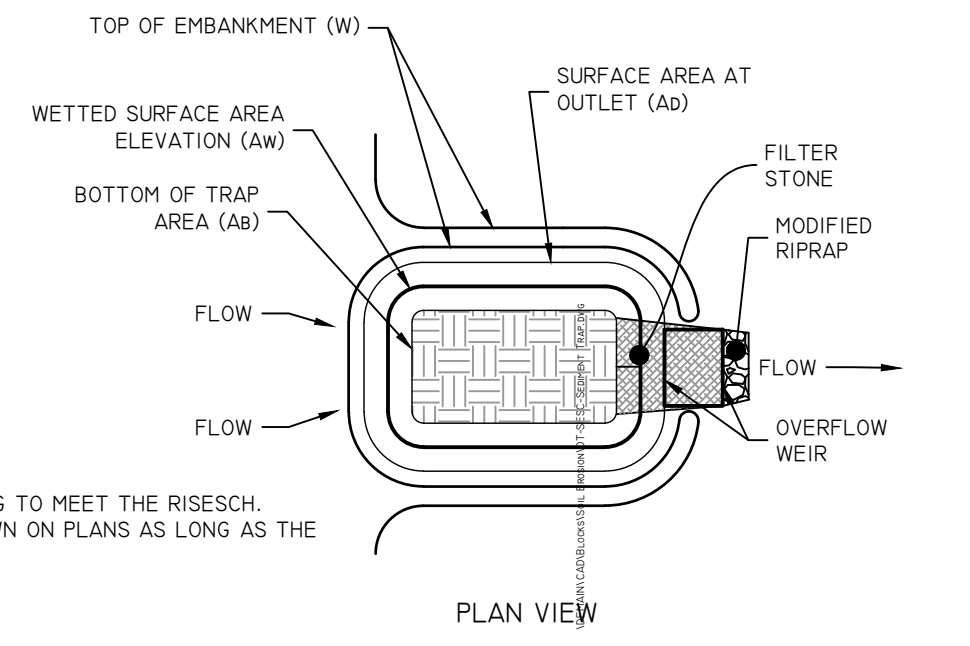
MINIMUM TOP WIDTH VS HEIGHT

H (FT)	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
W (FT)	2.0	2.0	3.0	2.5	3.0	3.0	4.0	4.5



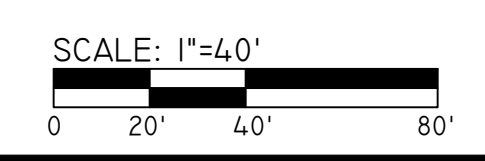
SEDIMENT TRAP DIMENSIONS\*

TRAP A	TRAP A
TRIBUTARY DRAINAGE AREA (UP TO)	1.97 ac
WET STORAGE DEPTH (Dw)	3.00 FT
DRY STORAGE DEPTH (Dd)	2.50 FT
TOTAL DEPTH (D)	5.50 FT
BOTTOM OF TRAP AREA (A <sub>b</sub> )	678 sq.ft
WETTED SURFACE AREA (A <sub>w</sub> )	1,400 sq.ft
SURFACE AREA AT OUTLET (A <sub>d</sub> )	2,174 sq.ft



**TEMPORARY SEDIMENT TRAP DETAIL**  
NOT TO SCALE

\*TRAP DIMENSIONS REPRESENT MINIMUM REQUIRED SIZING TO MEET THE RIESCH. CONTRACTOR MAY SHAPE TRAP DIFFERENTLY THAN SHOWN ON PLANS AS LONG AS THE MINIMUM SIZING HAS BEEN PROVIDED.



**Diprete Engineering**  
Engineers - Planners - Surveyors  
www.diprete-eng.com  
Two Stafford Court, Cranston, RI 02920 • Tel: 401-943-1000

MOLLY R. TITUS  
No. [Signature]  
REGISTERED PROFESSIONAL ENGINEER CIVIL

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS IT IS APPROVED BY A REGISTERED PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING.  
DIPRETE ENGINEERING ONLY WARRANTS PLANS ON A DIPRETE PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING, DIPRETE CIVIL ENGINEERING, OR DIPRETE SURVEYING BASIS. DIPRETE CIVIL ENGINEERING DOES NOT WARRANT PLANS OF ANY OTHER PARTY. THE USER ASSUMES ALL RESPONSIBILITIES FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE PROJECT. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR OBTAINING NECESSARY PERMITS, REGULATIONS, AND OTHER REQUIREMENTS. THE USER ASSUMES ALL RESPONSIBILITIES FOR OBTAINING NECESSARY PERMITS, REGULATIONS, AND OTHER REQUIREMENTS. SEE UTILITY NOTE ON SHEET 5.

NO.	DATE	DESCRIPTION	S.I.P.	D.T.
1	05/13/2025	PRELIMINARY SUBMISSION		
2				

DESIGN BY: K.E.D.  
DRAWN BY: K.E.D.

**SOIL EROSION & SEDIMENT CONTROL PLAN**  
SAUGATUCKET ACRES  
ASSESSOR'S PLAT 42 LOT 9  
SOUTH KINGSTOWN, RHODE ISLAND  
PREPARED FOR:  
**JOSEPH CHARPENTIER**  
P.O. 6043, WORCESTER, MA 01606  
TEL: 774-996-3814

Z:\DEVELOPMENT\PROJECTS\1287-001 SAUGATUCKET ROAD\17A\AUTOCAD DRAWINGS\1287-001\PLAN DWG PLU1287-001.DWG PLOT DATE: 5/13/2025

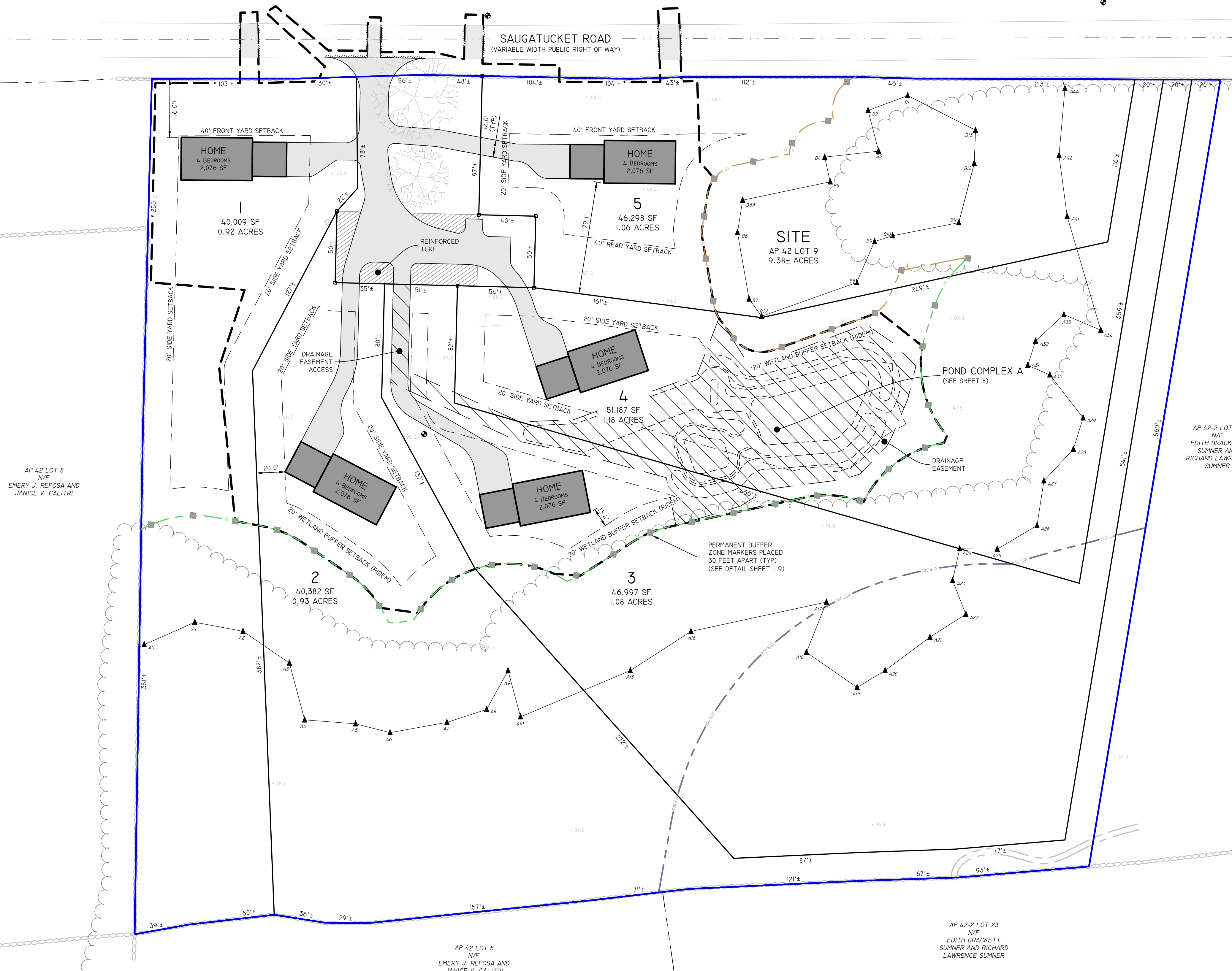


**DEVELOPMENT DATA:**

TOTAL SITE AREA:	9.38 ACRES
TOTAL NUMBER OF BUILDINGS:	5
TOTAL NUMBER OF UNITS:	5
TOTAL LOT AREA:	9.0 ACRES
TOTAL OPEN SPACE:	0.38 ACRES
AVERAGE LOT AREA:	1.80 ACRES
<b>LAND UNSUITABLE FOR DEVELOPMENT:</b>	
WETLANDS AND STREAMS:	3.70 ACRES
HIGH FLOOD DANGER ZONES:	0.00 ACRES
EASEMENTS:	0.17 ACRES
TOTAL UNSUITABLE LAND:	3.87 ACRES
TOWN REGULATIONS:	

**DIMENSIONAL REGULATIONS:**

CURRENT ZONING:	R-40	REQUIRED	PROVIDED
MINIMUM LOT AREA:	40,000 SF	40,000 SF	40,009 SF
MINIMUM FRONTAGE AND LOT WIDTH:	150'	40'	20'
MINIMUM FRONT YARD:	40'	40'	40.0'
MINIMUM CORNER SIDE YARD:	30'	NA	
MINIMUM SIDE YARD:	20'	20'	
MINIMUM REAR YARD:	40'	79.1'	
MAXIMUM LOT COVERAGE:	20%	6.1%	

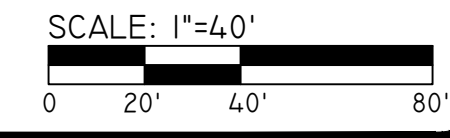


AP 42 LOT 8  
N/F  
EMERY J. REPOSA AND  
JANICE V. CALITRI

AP 42 LOT 8  
N/F  
EMERY J. REPOSA AND  
JANICE V. CALITRI

AP 42-2 LOT 23  
N/F  
EDITH BRACKETT  
SUMNER AND RICHARD  
LAWRENCE SUMNER

AP 42-2 LOT 23  
N/F  
EDITH BRACKETT  
SUMNER AND  
RICHARD LAWRENCE  
SUMNER



**Diprete Engineering**  
Engineers - Planners - Surveyors  
www.diprete-eng.com



Two Stafford Court, Cranston, RI 02920 • Tel 401-943-1000

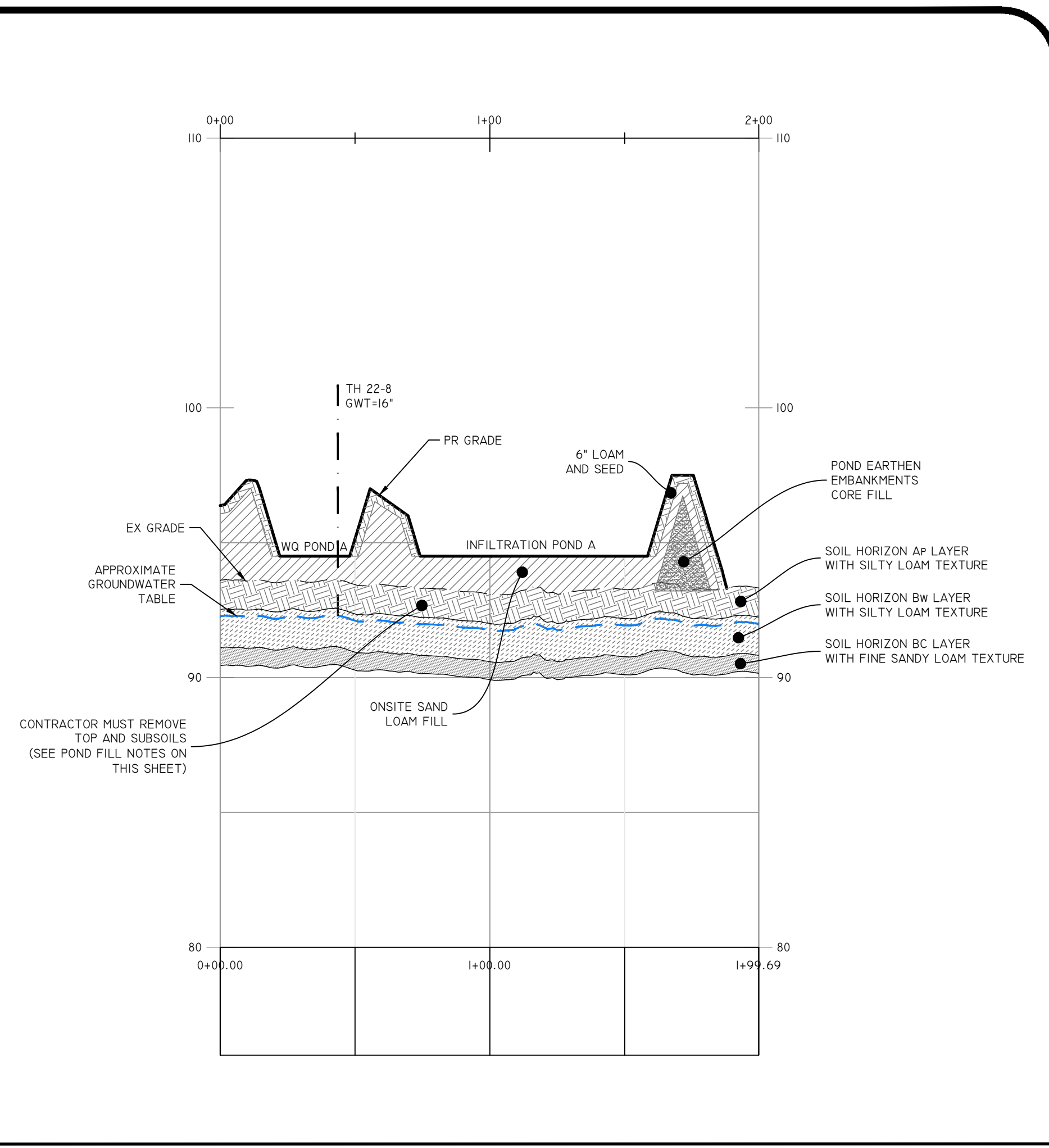
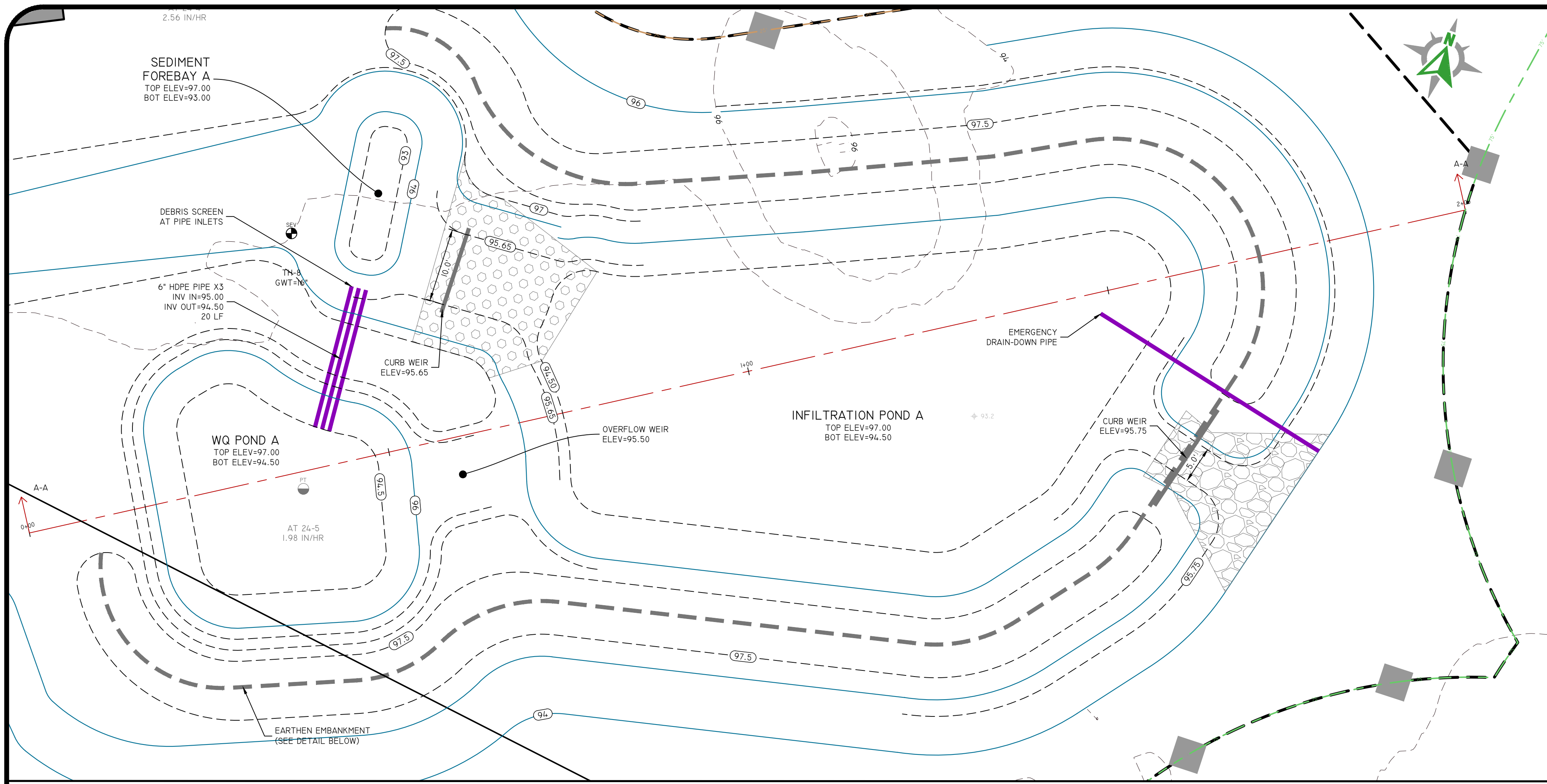
MOLLY R. TITUS  
No. [Signature]  
REGISTERED  
PROFESSIONAL ENGINEER  
CIVIL

THIS PLAN SET MUST BE USED FOR CONSTRUCTION PURPOSES  
AND NOT FOR ANY OTHER PURPOSES.  
A REGISTERED PROFESSIONAL ENGINEER OF DIPRETE  
ENGINEERING.  
DIPRETE ENGINEERING ONLY WARRANTS THIS PLAN ON A DIPRETE  
PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING. DIPRETE  
ENGINEERING DOES NOT WARRANT THIS PLAN TO ANY OTHER PARTY.  
USE OF THIS PLAN FOR ANY OTHER PURPOSES WITHOUT THE  
WRITTEN CONSENT OF DIPRETE ENGINEERING IS PROHIBITED.  
METHODS, SAFETY PRECAUTIONS AND REQUIREMENTS, AND OSHA  
DESIGN.  
EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE  
AND DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR  
THEIR ACCURACY. SEE UTILITY MAPS AND SURVEY DATA FOR  
DETAILED INFORMATION. SEE UTILITY NOTE ON SHEET 3.

NO.	DATE	DESCRIPTION	DESIGN BY
1	05-13-2025	PRELIMINARY SUBMISSION	K.E.D.
2			
3			

**SITE LAYOUT PLAN**  
**SAUGATUCKET ACRES**  
ASSESSOR'S PLAT 42 LOT 9  
SOUTH KINGSTOWN, RHODE ISLAND  
PREPARED FOR:  
**JOSEPH CHARPENTIER**  
P.O. BOX 6043, WORCESTER, MA 01606  
TEL 774-996-3814





POND COMPLEX A

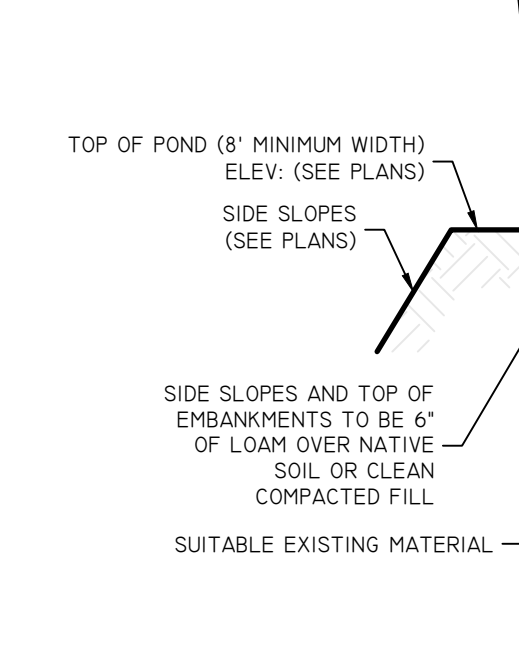
POND SECTION A-A

DESCRIPTION	WQ-A
TOP OF POND ELEVATION	97.00
100 YEAR STORM ELEVATION	96.51
10 YEAR STORM ELEVATION	96.10
1 YEAR STORM ELEVATION	95.80
WQ STORM ELEVATION	95.58
BOTTOM OF POND ELEVATION	94.50
SEASONAL HIGH GWT ELEVATION	92.42
SOIL EVALUATION	TH-22-8

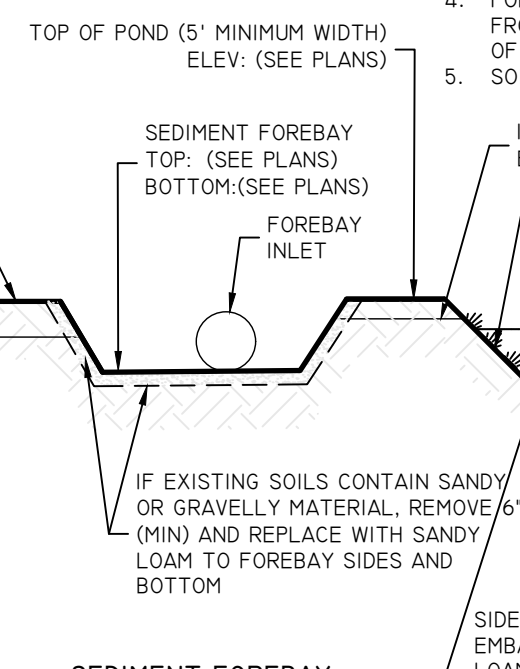
POND EXCAVATION MUST BE MONITORED/INSPECTED BY SITE ENGINEER AND/OR GEOTECHNICAL ENGINEER AT TIME OF INITIAL EXCAVATION TO BOTTOM OF POND, AND AS REQUIRED BY DESIGN ENGINEER. CONTRACTOR MUST PROVIDE ADEQUATE NOTICE FOR INSPECTION.

NOTE: LIMITS OF INFILTRATION POND TO BE STAKED OUT AND NOT USED AS A TEMPORARY SEDIMENT BASIN DURING CONSTRUCTION (NO CONSTRUCTION TRAFFIC ALLOWED WITHIN FILTER LIMITS)

BOTTOM & SIDE SLOPES OF POND TO BE SEEDDED WITH NEW ENGLAND EROSION CONTROL/ RESTORATION MIX (MOIST SITES) BY NEW ENGLAND WETLAND PLANTS (OR APPROVED EQUAL)

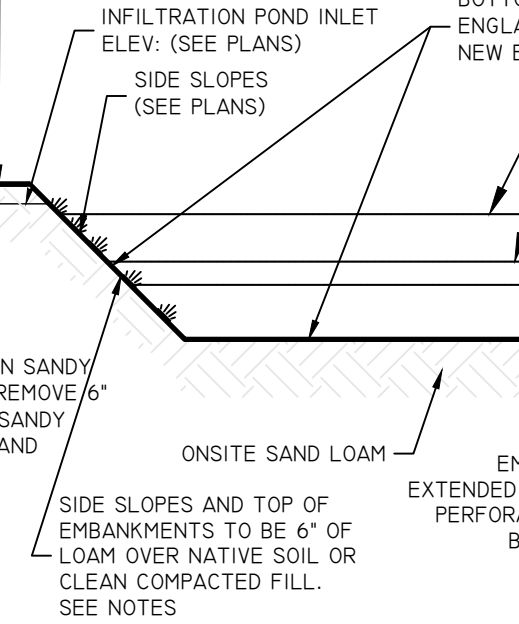


WQ INFILTRATION POND BMP SYSTEM  
NOT TO SCALE



SEDIMENT FOREBAY  
NOT TO SCALE

- NOTES:
- LIMITS OF INFILTRATION POND MUST BE STAKED OUT AND MUST NOT BE USED AS A TEMPORARY SEDIMENT BASIN DURING CONSTRUCTION (NO CONSTRUCTION TRAFFIC ALLOWED WITHIN POND LIMITS).
  - INFILTRATION PONDS MUST NOT BE USED FOR STOCKPILING, VEHICLE PARKING OR ANY OTHER ANCILLARY STORING OF OBJECTS OR MATERIALS, TEMPORARY OR PERMANENT, AT ANY TIME.
  - INFILTRATION PONDS MUST BE ADEQUATELY PROTECTED FROM SEDIMENT LADEN RUNOFF DURING CONSTRUCTION.
  - FOLLOWING CONSTRUCTION AND STABILIZATION OF ALL UPSTREAM AREAS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE ANY AND ALL SEDIMENT FROM INFILTRATION PONDS. IF SEDIMENT REMOVAL IS REQUIRED THE CONTRACTOR MUST ALSO ROTOTILL THE ENTIRE POND BOTTOM TO A MINIMUM DEPTH OF 24" AND RE-ESTABLISH TO FINAL DESIGN GRADES AND COVER TYPES.
  - SOILS MUST BE TRACKED INTO PLACE. NO COMPACTION EQUIPMENT ALLOWED.

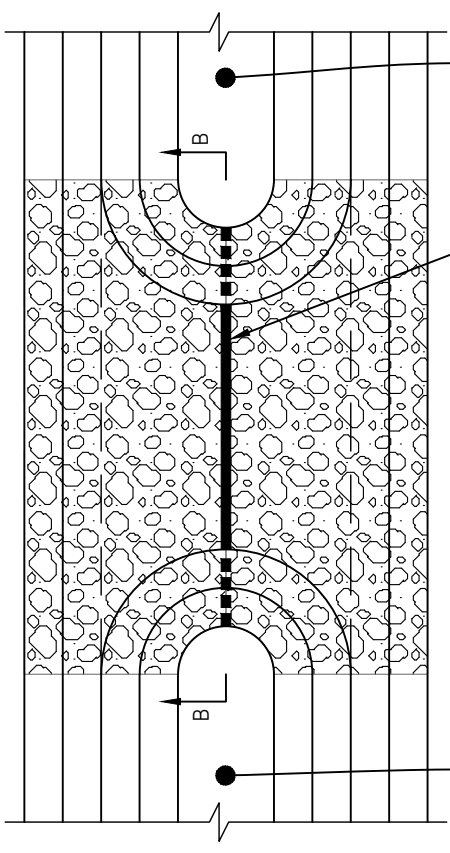


INFILTRATION POND  
NOT TO SCALE

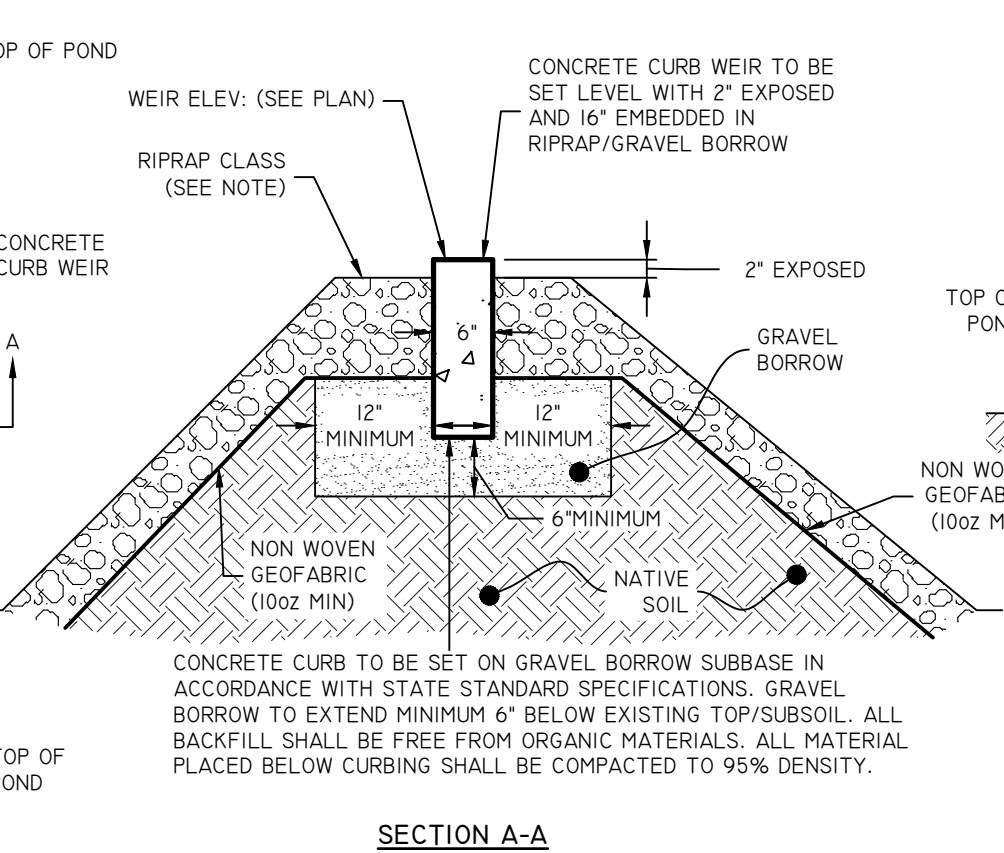
DESCRIPTION	IP-A
TOP OF POND ELEVATION	97.00
100 YEAR STORM ELEVATION	96.43
10 YEAR STORM ELEVATION	96.09
1 YEAR STORM ELEVATION	95.63
BOTTOM OF POND ELEVATION	94.50
SEASONAL HIGH GWT ELEVATION	92.17
SOIL EVALUATION	TH-22-8

BOTTOM OF POND EXCAVATION MUST BE MONITORED/ INSPECTED BY SITE ENGINEER OR GEOTECHNICAL ENGINEER. CONTRACTOR MUST PROVIDE ADEQUATE NOTICE FOR INSPECTION.

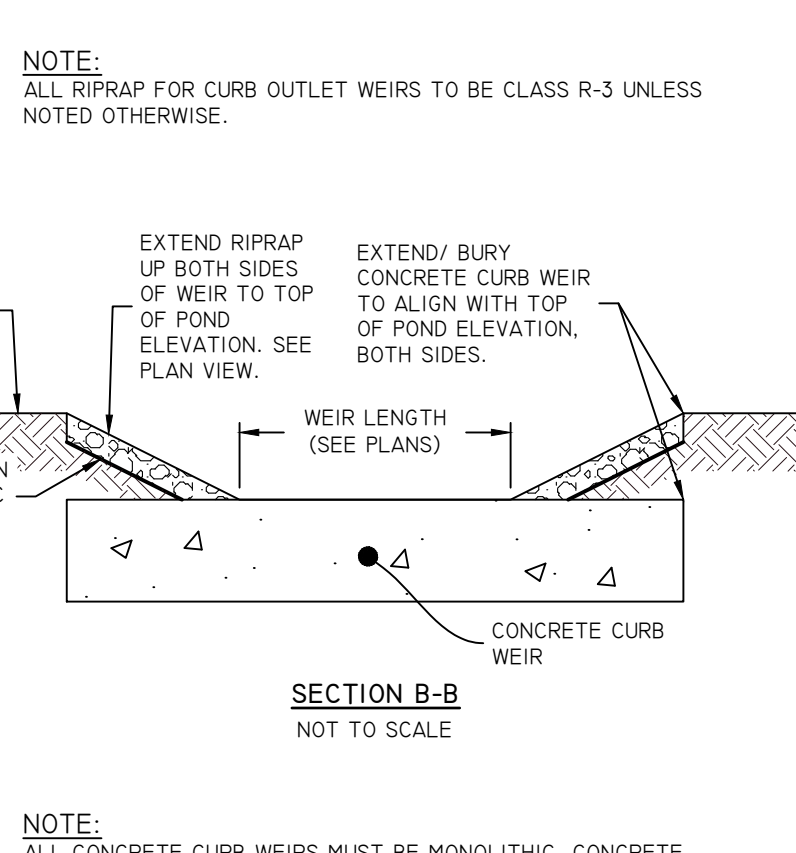
- POND FILL NOTES:
- IF FILL IS REQUIRED WITHIN THE FOOTPRINT OF AN INFILTRATION POND, CONTRACTOR MUST REMOVE TOP AND SUBSOILS/ EXCAVATE DOWN TO THE C HORIZON AND BACKFILL WITH SUITABLE MATERIAL THAT HAS EQUAL OR GREATER INFILTRATION PARAMETERS THAN THE EXISTING C SOIL HORIZONS BENEATH. ONSITE MATERIALS MAY BE USED AT THE DIRECTION OF THE SITE ENGINEER OR GEOTECHNICAL ENGINEER. B HORIZON OR PART THEREOF MAY BE LEFT IN PLACE ONLY IF ASSESSED AND DIRECTED BY THE SITE ENGINEER OR GEOTECHNICAL ENGINEER.
  - FILL OPERATIONS MUST BE MONITORED BY THE SITE ENGINEER OR GEOTECHNICAL ENGINEER. CONTRACTOR MUST PROVIDE ADEQUATE NOTICE PRIOR TO FILLING.



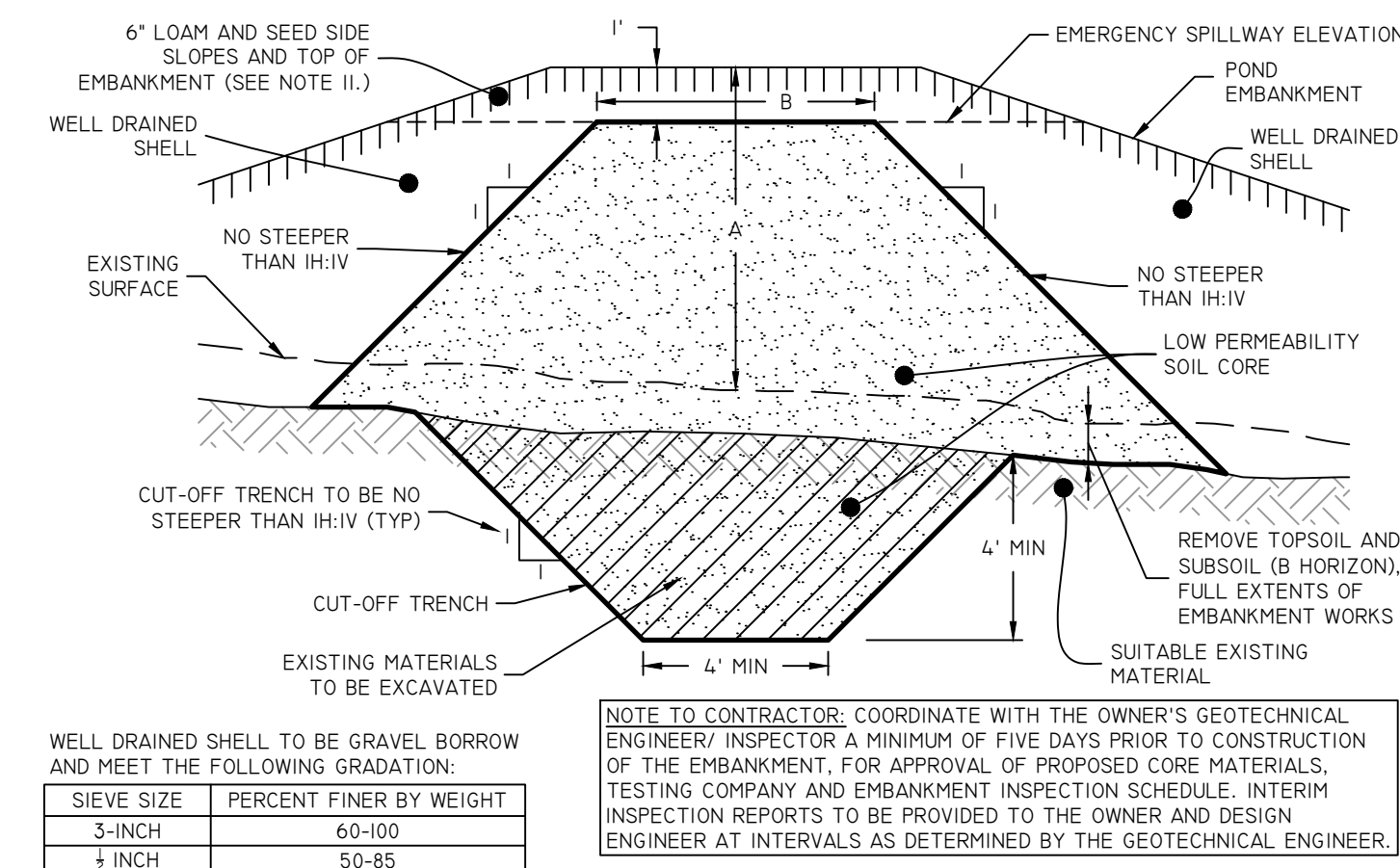
PLAN VIEW  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE



SECTION B-B  
NOT TO SCALE



POND EARTHEN EMBANKMENT:  
LOW PERMEABILITY CORE  
NOT TO SCALE

SIEVE SIZE	PERCENT FINER BY WEIGHT
3-INCH	60-100
1 INCH	50-85
1/2 INCH	45-80
NO. 4	40-75
NO. 10	0-45
NO. 200	0-10

- NOTES:
- LOW PERMEABILITY SOIL CORE TO BE PROVIDED FOR ALL POND EMBANKMENTS UNLESS AN ALTERNATIVE METHOD IS SPECIFICALLY NOTED ON THE PLANS.
  - LOW PERMEABILITY SOIL CORE TO BE CONSTRUCTED OF A MATERIAL WITH A MINIMUM OF 30% PASSING THE #200 SIEVE AND A MAXIMUM PERMEABILITY OF 0.00005 CM/S.
  - WELL DRAINED SHELL TO BE GRAVEL BORROW WITH LESS THAN 10% PASSING THE #200 SIEVE AND MEET THE GRADATION AS SHOWN ON THIS DETAIL.
  - ALL MATERIAL MUST BE FREE FROM DELETERIOUS ORGANIC MATTER, INCLUDING (BUT NOT LIMITED TO) ROOTS, SOIL, RUBBLE, SNOW, ICE, RUBBISH ETC.
  - MINIMUM DEPTH OF CUT-OFF TRENCH SHALL BE 4' MEASURED FROM THE LOWEST ELEVATION OF THE UNDISTURBED EXISTING SURFACE INTERFACE. SEE DETAIL.
  - THE MINIMUM BOTTOM WIDTH OF THE CUT-OFF TRENCH SHALL BE 4', AND WIDE ENOUGH TO PERMIT OPERATION OF COMPACTION EQUIPMENT.
  - SIDE SLOPES OF THE CUT-OFF TRENCH SHALL BE NO STEEPER THAN 3H:1V.
  - IF BEDROCK IS ENCOUNTERED BELOW THE POND EMBANKMENT THE CUT OFF TRENCH MAY BE MODIFIED AT THE DIRECTION OF A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER.
  - THE LOW PERMEABILITY CORE AT A MINIMUM SHALL EXTEND UP BOTH ABUTMENTS TO THE EMERGENCY SPILLWAY ELEVATION.
  - COMPACTION REQUIREMENTS FOR THE SHELL AND LOW PERMEABILITY CORE TO BE 95% OF THE MODIFIED PROCTOR PER ASTM D1557. ALL FILL TO BE PLACED IN LIFTS NOT EXCEEDING 12".
  - SIDE SLOPE OF POND EMBANKMENT TO BE NO STEEPER THAN THE SLOPES SHOWN ON THE POND-SPECIFIC DESIGN PLANS WITHOUT WRITTEN DIRECTION FROM THE DESIGN ENGINEER. IF ANY POND SIDE SLOPE IS STEEPER THAN 3H:1V, SLOPE PROTECTION MUST BE UTILIZED ON POND EMBANKMENT, WHICH MAY INCLUDE (BUT NOT BE LIMITED TO) RIPRAP AND/ OR EROSION CONTROL MATS.
  - THE LOW PERMEABILITY CORE MUST BE KEPT FREE FROM STANDING WATER DURING THE BACKFILL OPERATION.
  - ALL EMBANKMENT INSTALLATIONS TO BE SUPERVISED BY A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER AND SUBMITTED TO THE SITE ENGINEER (AND A.H.J. WHERE REQUIRED) FOR REVIEW PRIOR TO CONSTRUCTION.

**Diprete Engineering**  
Engineers - Planners - Surveyors  
www.diprete-eng.com  
Two Stafford Court, Cranston, RI 02920 - Tel: 401-943-1000

MOLLY R. TITUS  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS IT IS SPECIFICALLY NOTED ON THE PLANS.  
DIPRETE ENGINEERING ONLY WARRANTS PLANS ON A DIPRETE ENGINEERING PROJECT. DIPRETE ENGINEERING, DIPRETE ENGINEERS, PLANNERS, SURVEYORS, AND DESIGN GROUPS ARE NOT WARRANTED FOR ANY OTHER PARTY. THE USER ASSUMES ALL LIABILITY FOR THE DESIGN, CONSTRUCTION, OPERATION, MAINTENANCE, SAFETY, PERFORMANCE, AND REQUIREMENTS, AND OSHA COMPLIANCE IN THE IMPLEMENTATION OF THIS PLAN AND DESIGN.  
EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES.  
DRAWN BY: K.E.D.  
DESIGN BY: K.E.D.

NO.	DATE	DESCRIPTION	S.I.P.	B.T.
1	05-12-2025	PRELIMINARY SUBMISSION		
2				
3				
4				
5				
6				
7				
8				
9				
10				

POND COMPLEX A  
SAUGATUCKET ACRES  
ASSESSOR'S PLAT 42 LOT 9  
SOUTH KINGSTOWN, RHODE ISLAND  
PREPARED FOR:  
JOSEPH CHARPENTIER  
P.O. BOX 3, WORCESTER, MA 01606  
TEL: 774-696-3814  
SHEET 8 OF 10

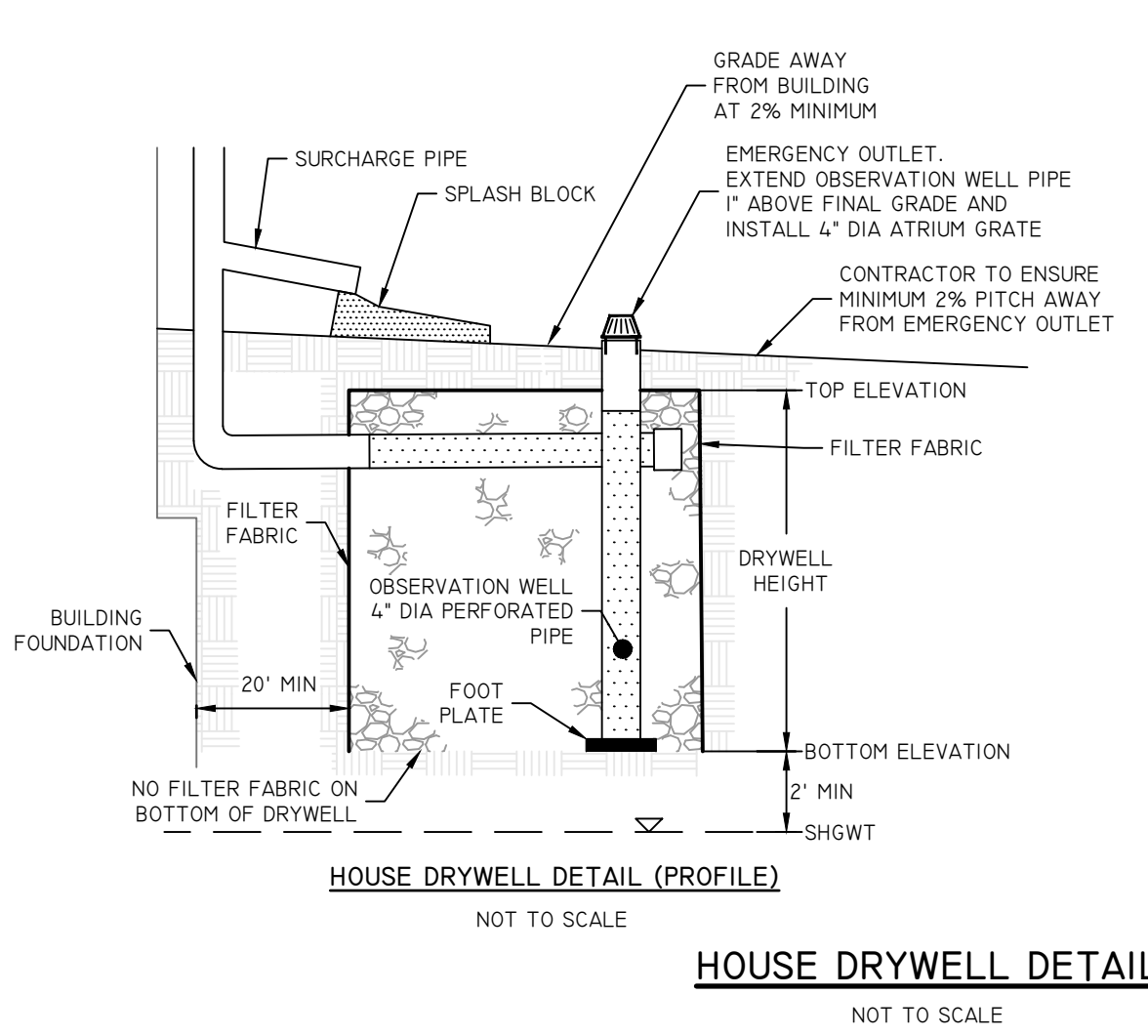
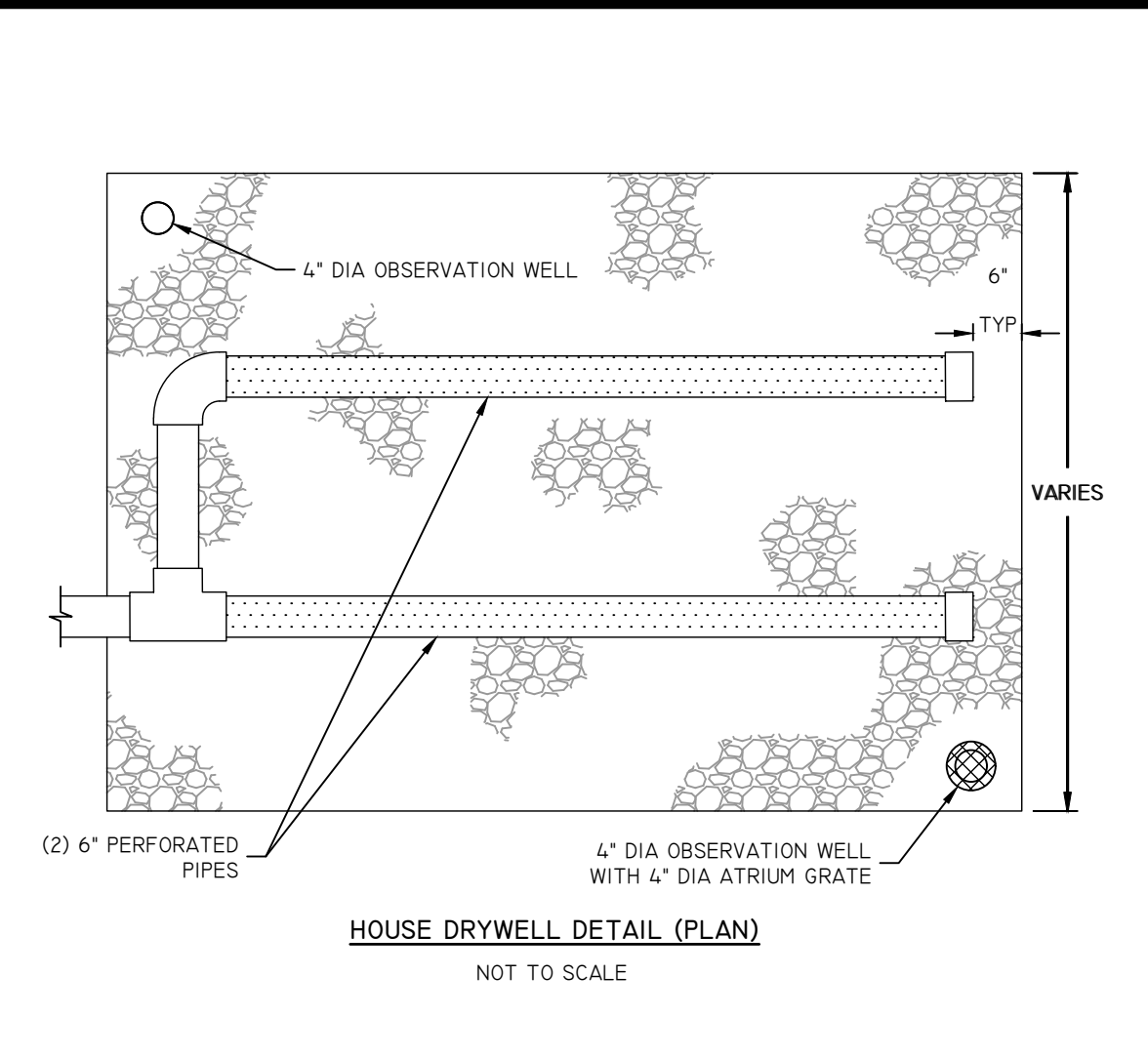
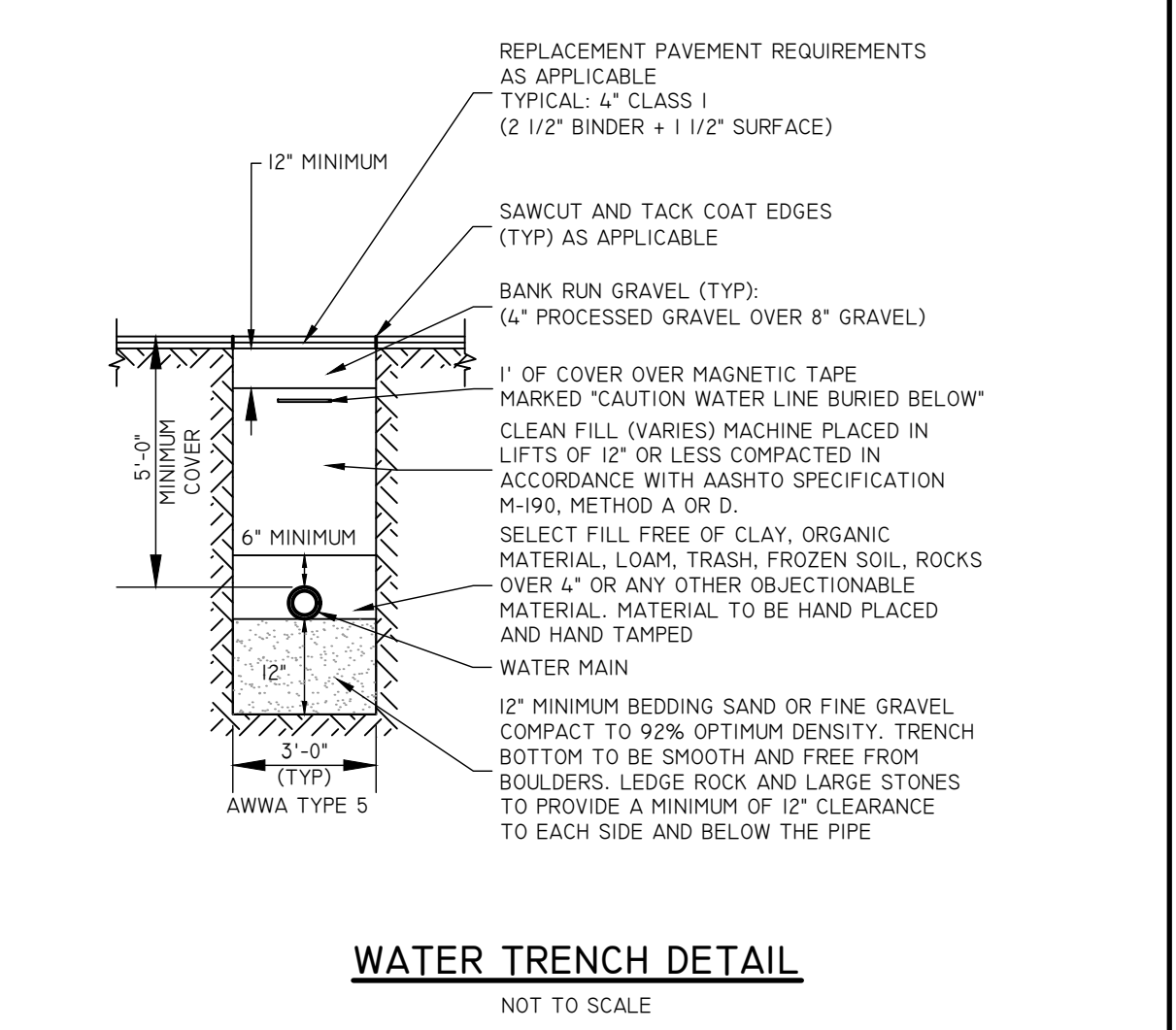
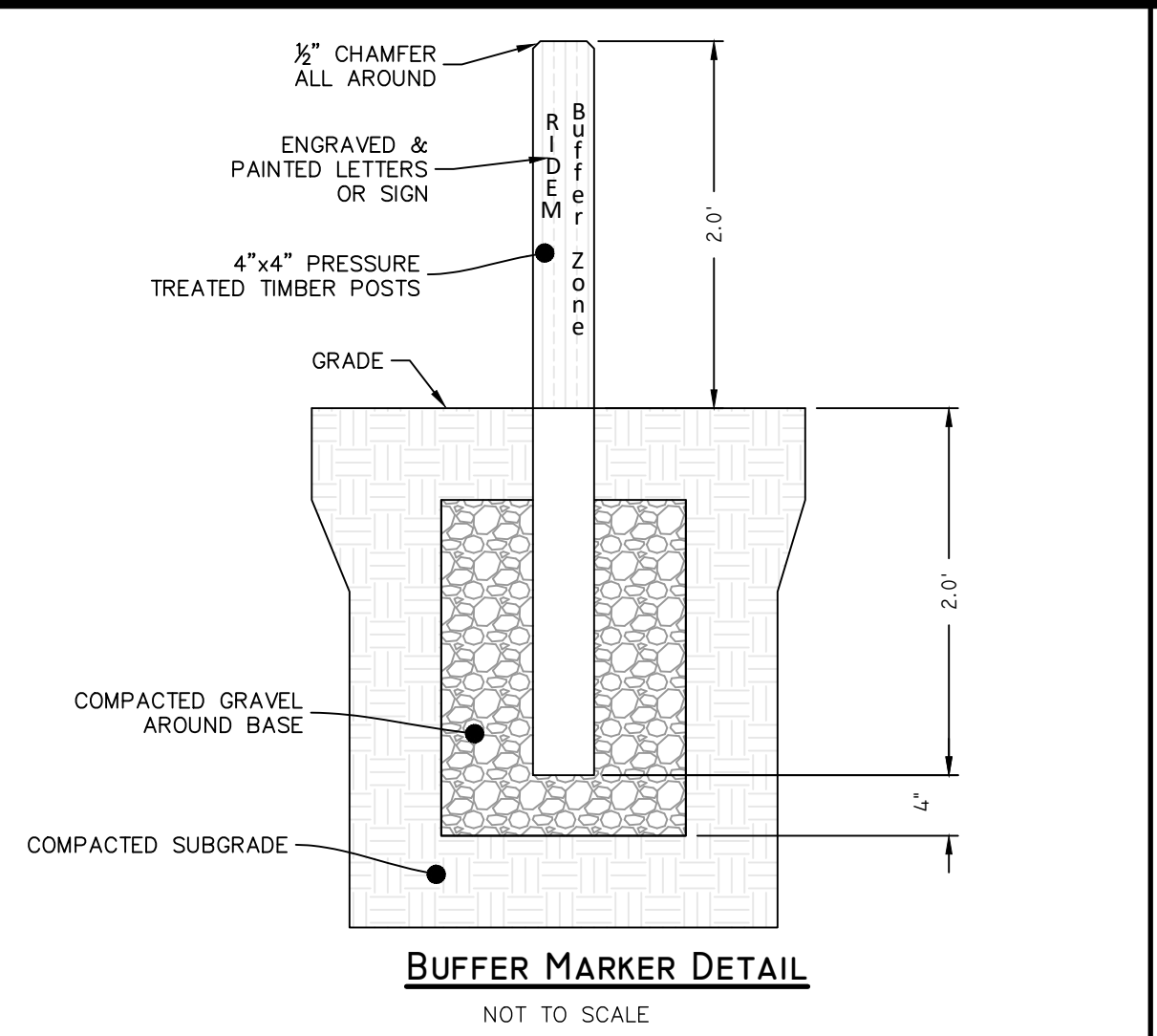


**MOLLY R. TITUS**  
 No. [Signature]  
 REGISTERED PROFESSIONAL ENGINEER CIVIL

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS IT IS APPROVED AND SIGNED BY A REGISTERED PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING.  
 DIPRETE ENGINEERING ONLY WARRANTS PLANS ON A DIPRETE ENGINEERING PROJECT. DIPRETE ENGINEERING, DIPRETE PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING, DIPRETE ENGINEERING ASSOCIATES, INC. OR ANY OF THEIR PARTS, OFFICES, EMPLOYEES, AGENTS, CONTRACTORS, SUBCONTRACTORS, CONSULTANTS, DESIGNERS, ENGINEERS, ARCHITECTS, AND OTHER PROFESSIONALS SHALL NOT BE LIABLE FOR ANY DAMAGES, LOSSES, INJURIES, OR DEATHS, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING FROM THE USE OF THIS PLAN AND DESIGN.  
 EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR OBTAINING EXACT LOCATIONS AND DEPTHS OF EXISTING UTILITIES. SEE UTILITY NOTE ON SHEET 3.

NO.	DATE	DESCRIPTION	S.D.P.	DESIGN BY: K.E.D.
1	05-12-2025	PRELIMINARY SUBMISSION	B.T.	
2				
3				
4				
5				

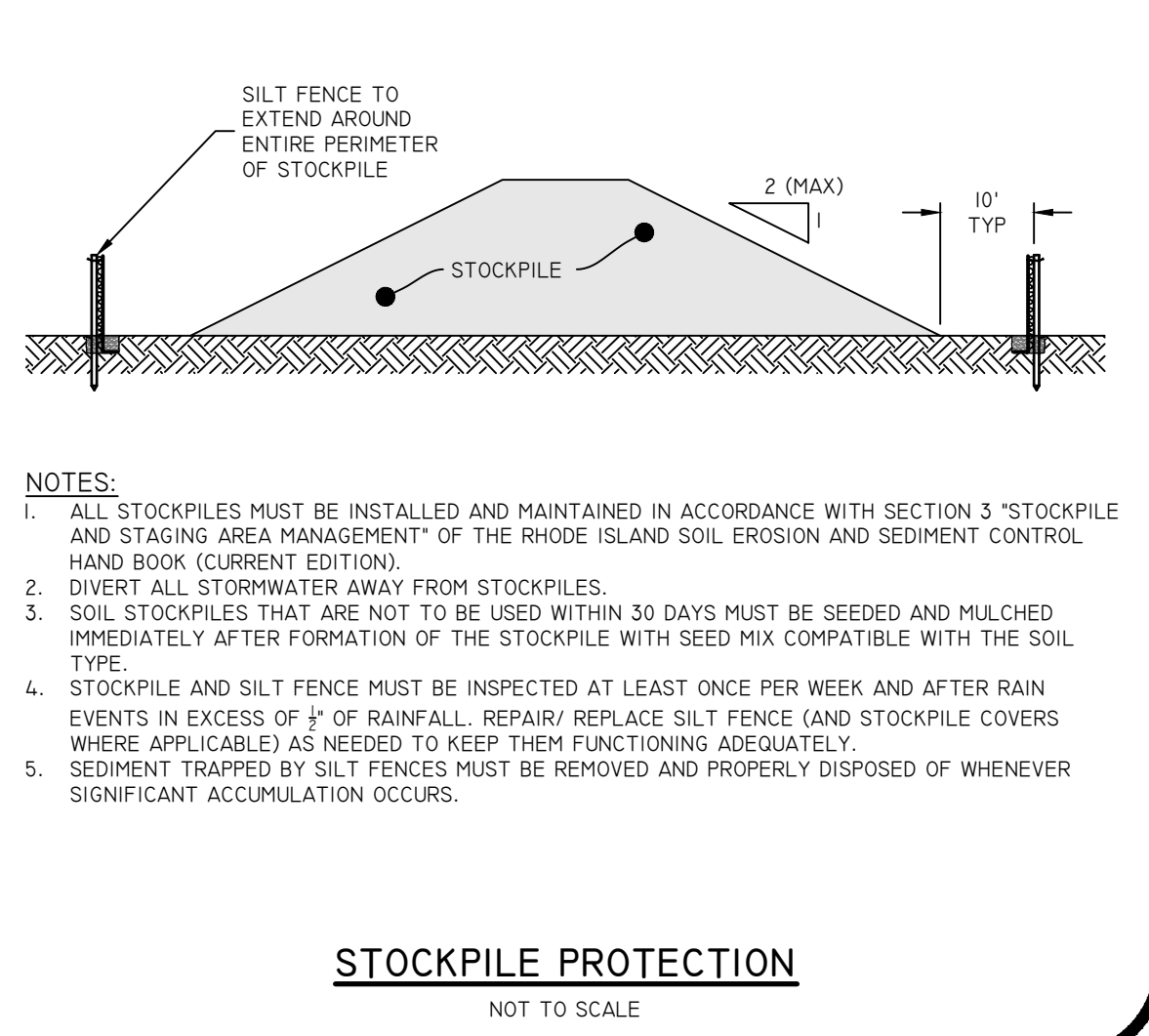
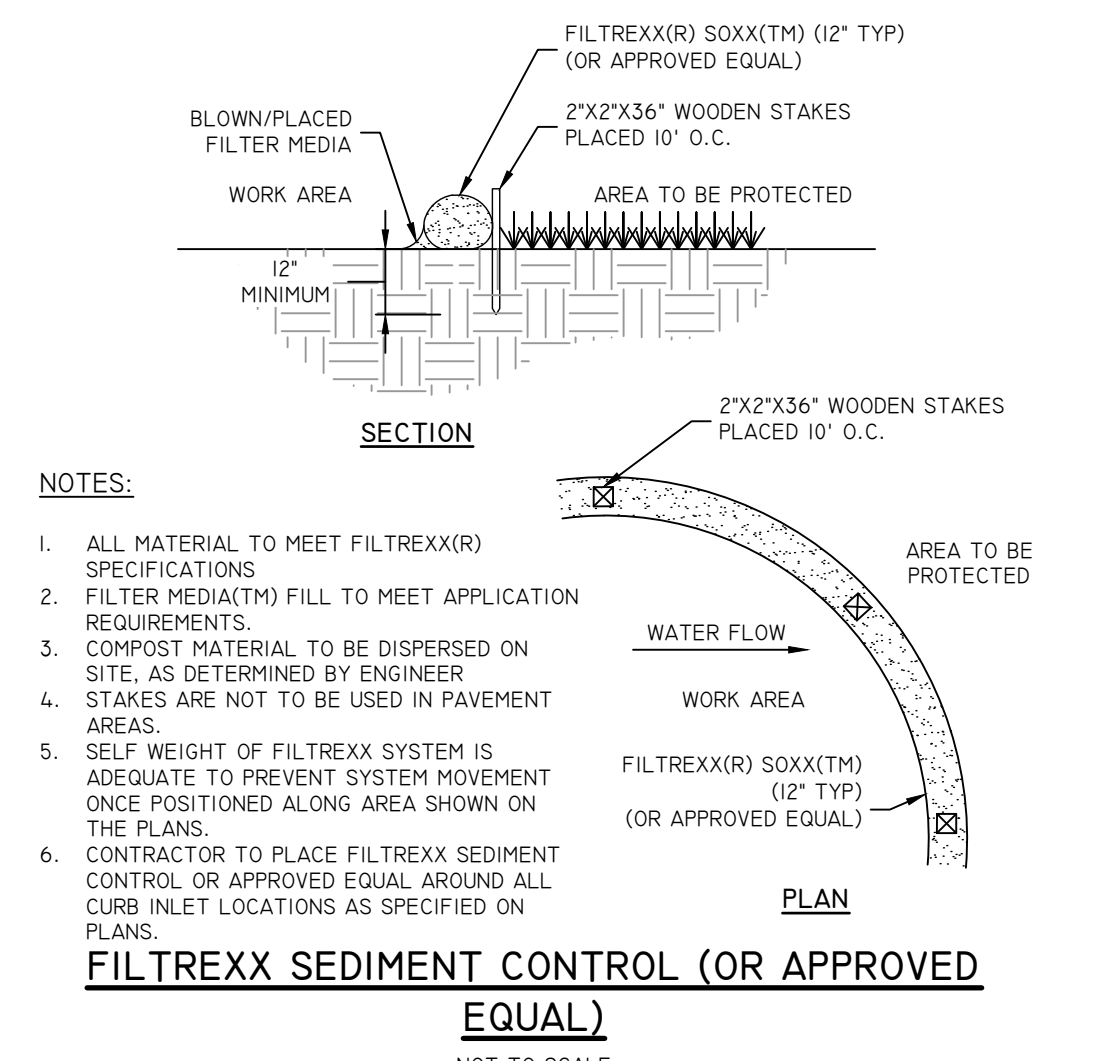
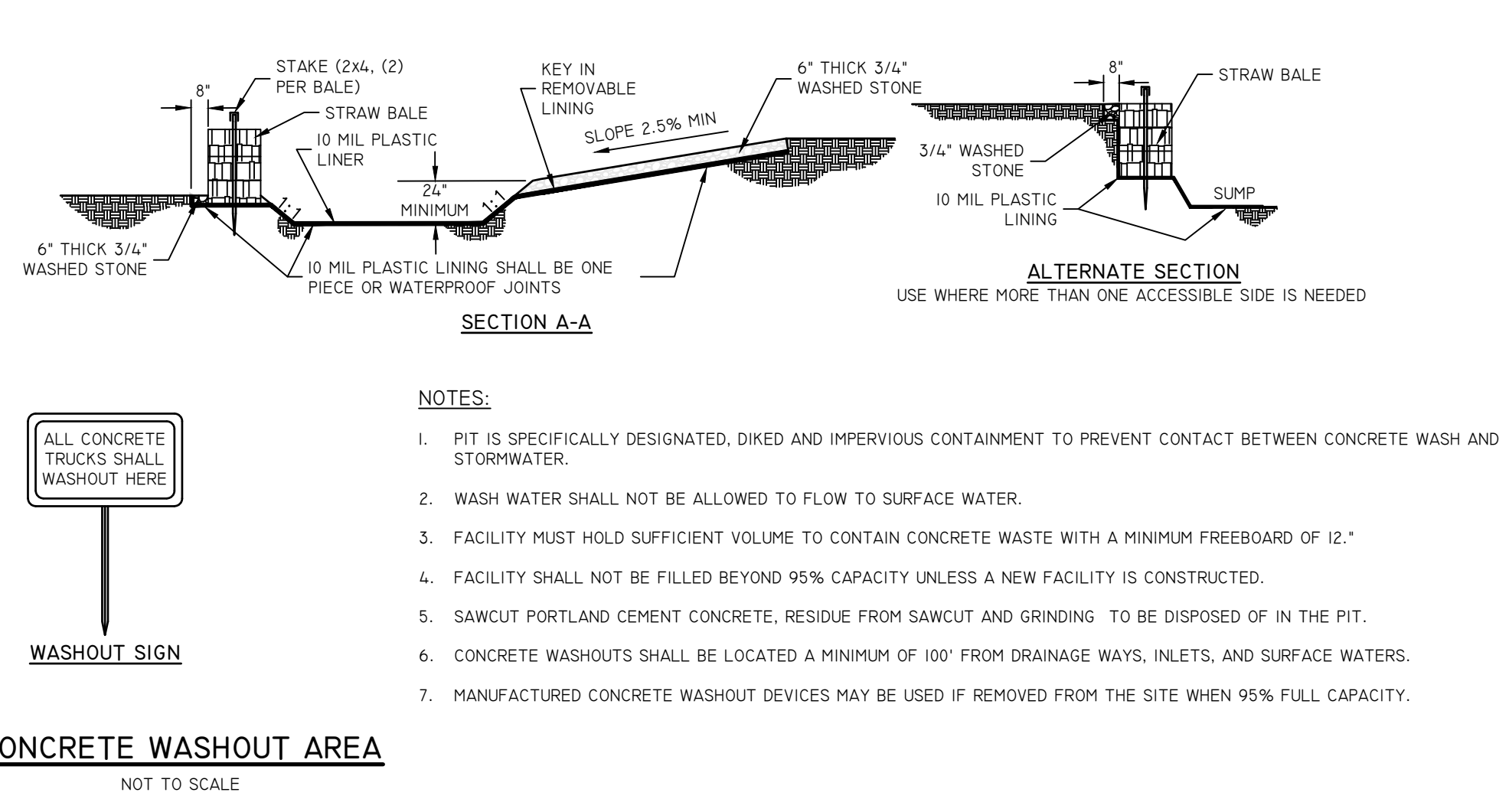
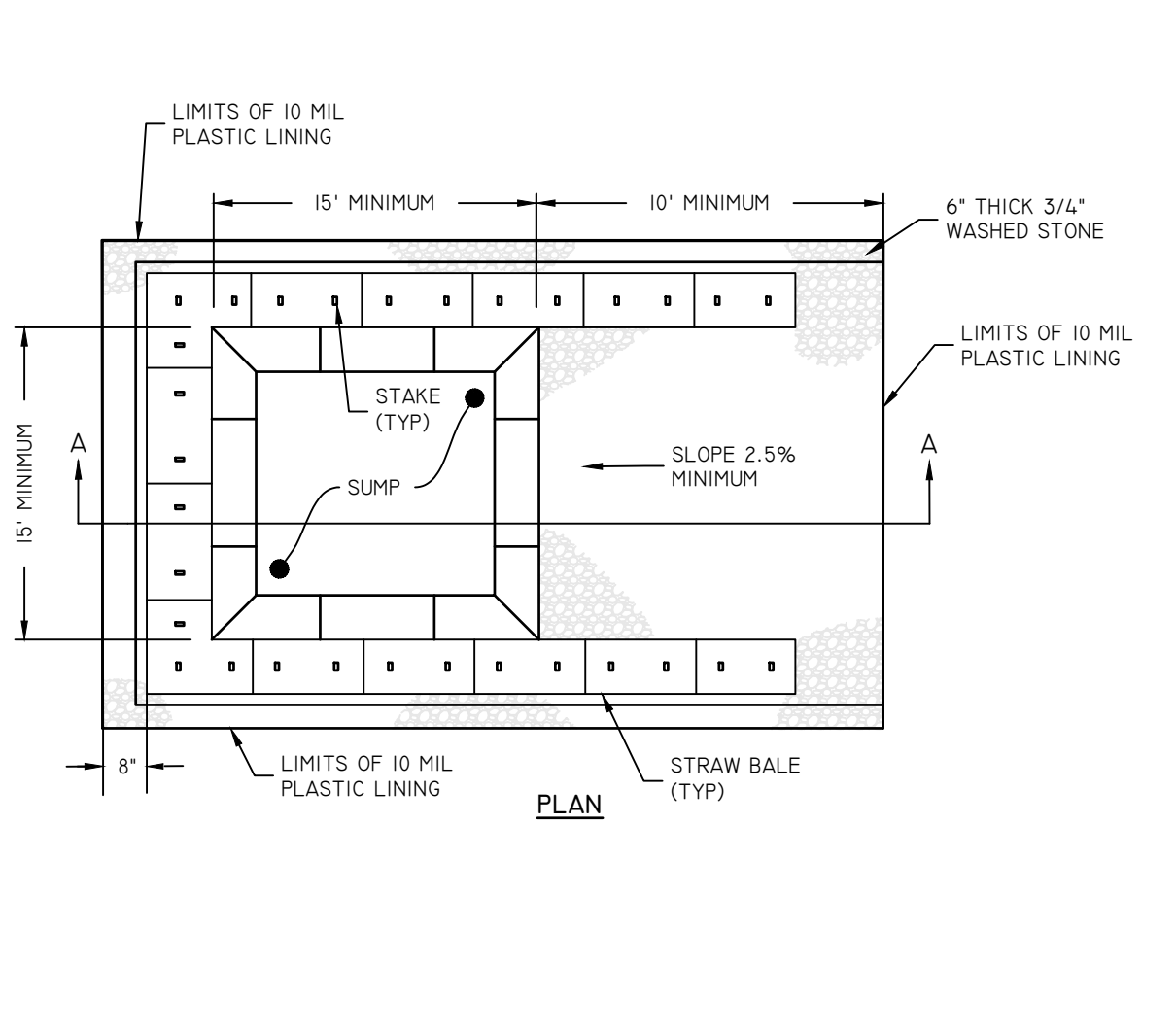
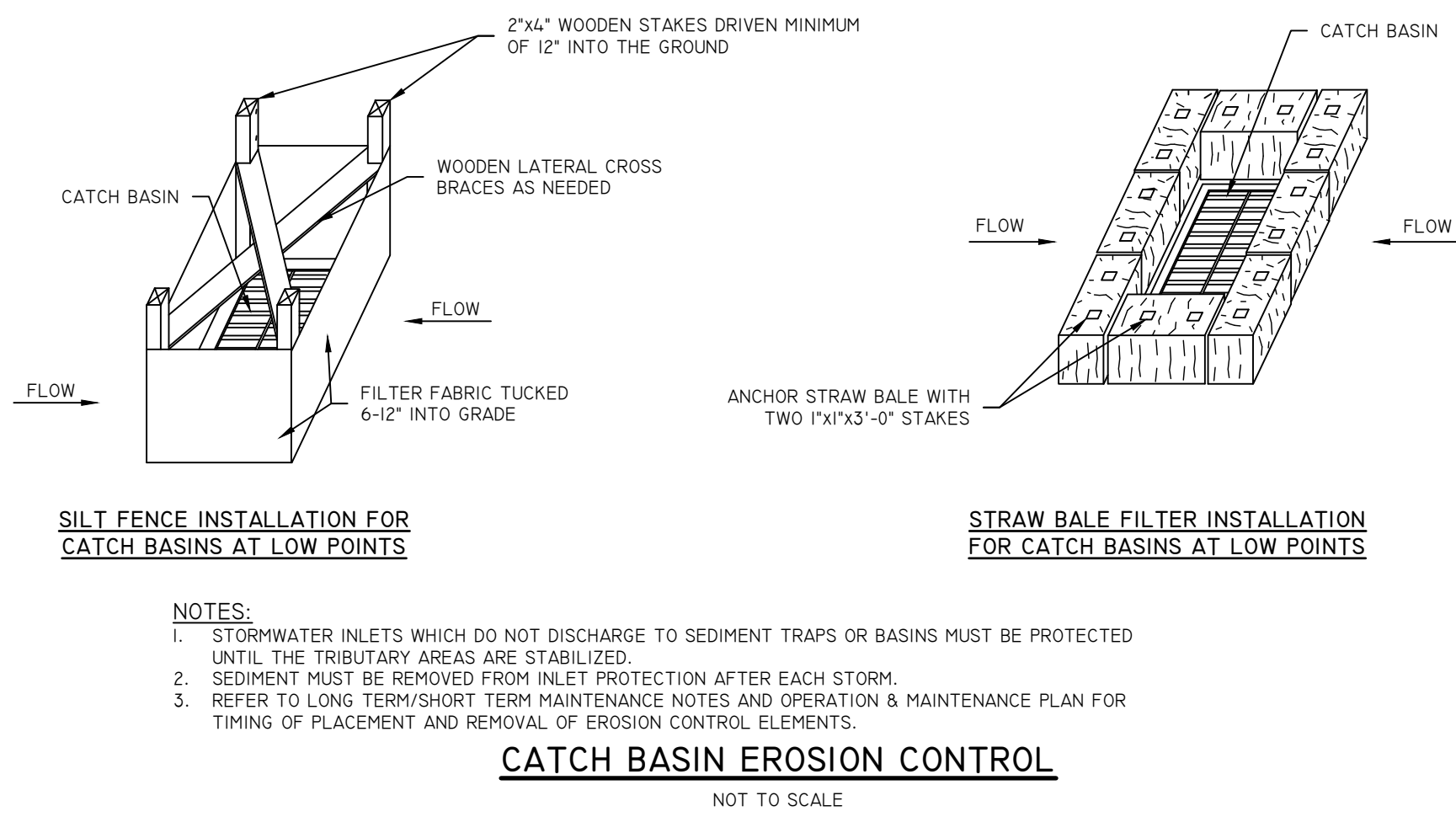
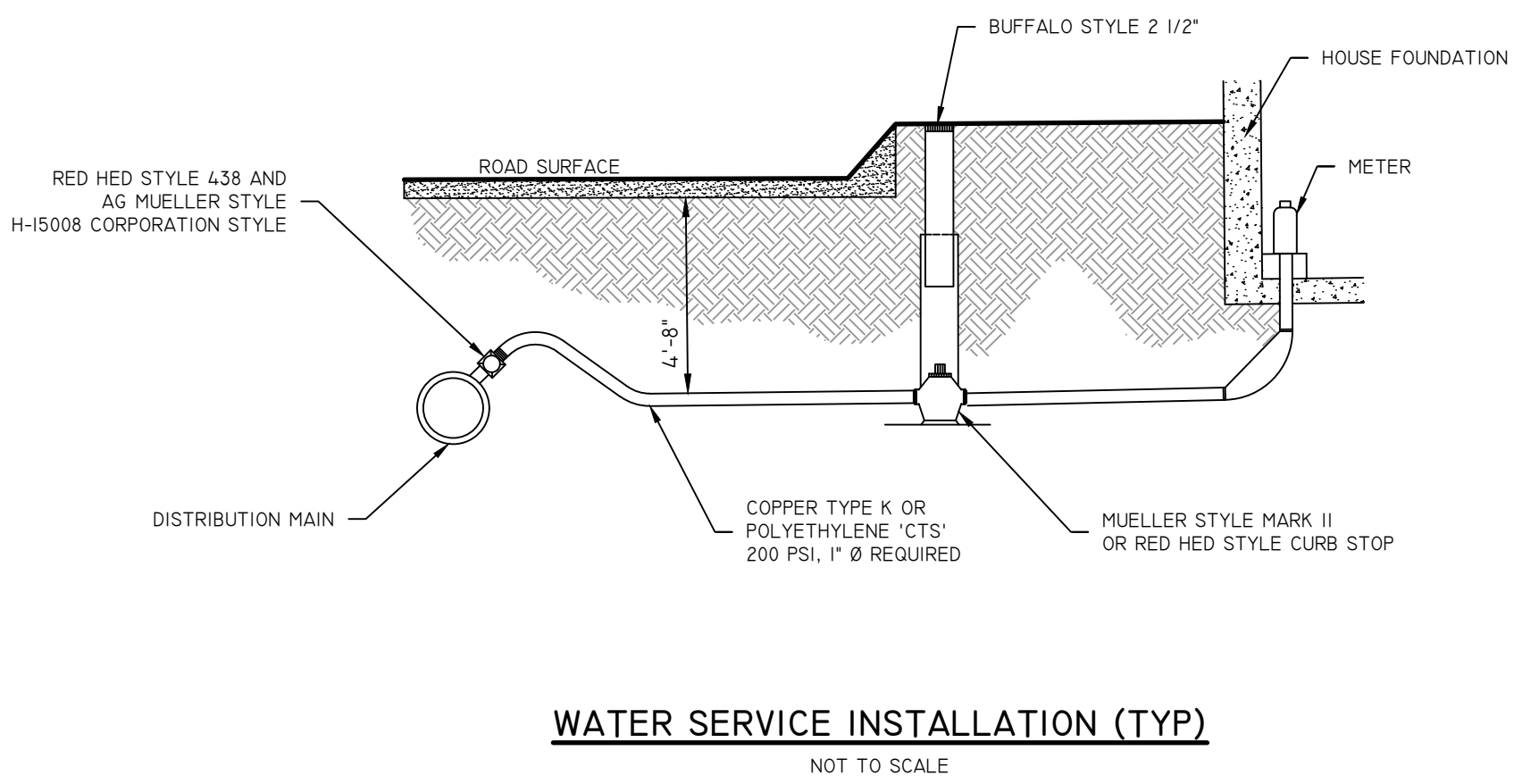
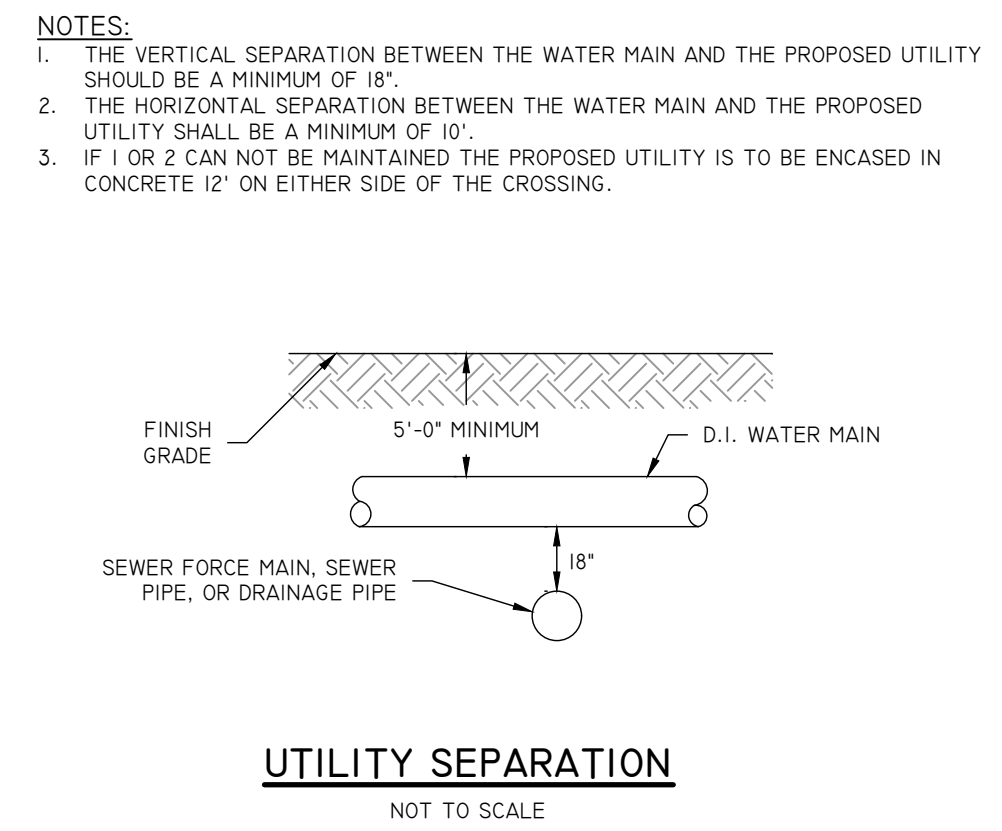
**DETAIL SHEET**  
**SAUGATUCKET ACRES**  
 ASSESSOR'S PLAT 42 LOT 9  
 SOUTH KINGSTOWN, RHODE ISLAND  
 PREPARED FOR:  
**JOSEPH CHARPENTIER**  
 P.O. 6043, WORCESTER, MA 01066  
 TEL: 774-696-3814



- 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 DOWNGRADE OF THE BUILDING WITH A MINIMUM OF 20' 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.
  - THE ONLY CONNECTIONS ALLOWED TO THE DRYWELL ARE FROM ROOF CONNECTIONS AS SHOWN ON THE PLANS. CONNECTIONS FROM FOUNDATIONS DRAINS, SUMP, WINDOW WELLS, FLOOR DRAINAGE AND ALL OTHER CONNECTIONS ARE PROHIBITED.

**SIZING NOTES:**  
 DRYWELLS SIZED USING HYDROCAD

LOT	PROPOSED GRADING ELEVATION	TOP OF DRYWELL	ELEVATION AT BOTTOM STONE OF DRYWELL	SEASONAL HIGH GWL ELEVATION	SEPARATION DISTANCE (FEET)	MIN SURFACE AREA (SF)
1	103.00	102.00	101.00	99.00	2.00	324.00
2	96.00	95.00	94.50	92.50	2.00	330.00
3	96.75	95.75	94.25	92.25	2.00	330.00
4	97.75	96.75	96.25	94.17	2.08	324.00
5	99.50	98.50	98.00	96.00	2.00	324.00



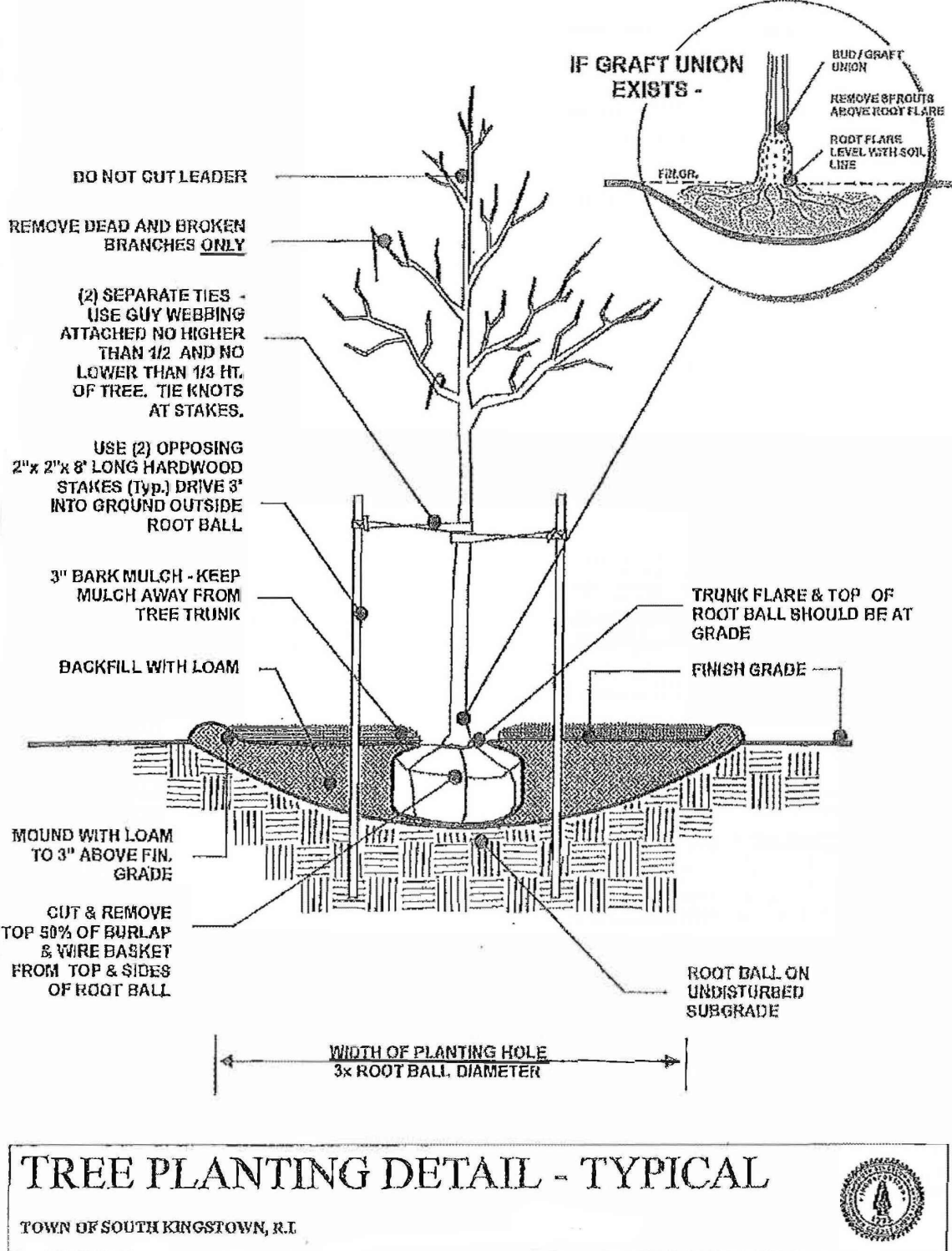
PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT
<b>TREES</b>					
	ARO	7	ACER RUBRUM 'OCTOBER GLORY'™	OCTOBER GLORY MAPLE	2.5/3" CAL B&B - 12" HT
	BN	3	BETULA NIGRA 'HERITAGE'	HERITAGE RIVER BIRCH	10/12" CLUMP
	MXS	1	MALUS X 'SNOWDRIFT'	SNOWDRIFT CRAB APPLE	2.5/3" CAL B&B
	PSA	3	PRUNUS SUBHIRTELLA 'AUTUMNALIS'	AUTUMN FLOWERING CHERRY	2.5/3" CAL B&B



PLANTING NOTES:

- CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS BY NOTIFYING DIG-SAFE (811) AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION OR SITE PREPARATION AND ANY/OR ALL LOCAL UTILITY COMPANIES AS REQUIRED.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS BY THE CONTRACTOR. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR THIS PROJECT.
- CONTRACTOR TO PROVIDE A TWO (2) YEAR GUARANTEE FOR ALL PLANT MATERIALS. CONTRACTOR GUARANTEES THAT PLANTS WILL REMAIN HEALTHY FOR TWO (2) GROWING SEASONS. CONTRACTOR TO MAINTAIN ALL PLANTING AND LAWNS UNTIL FINAL PROJECT ACCEPTANCE. GUARANTEE PERIOD TO COMMENCE AT FINAL ACCEPTANCE. ANY REPLACEMENT PLANTS SHALL BE OF THE SAME SIZE AND SPECIES AS SPECIFIED WITH NEW GUARANTEE COMMENCING ON THE DATE OF REPLACEMENT.
- ALL PLANT MATERIAL SHALL CONFORM, IN ALL RESPECTS, TO THE GUIDELINES OF "THE AMERICAN STANDARD FOR NURSERY STOCK," LATEST EDITION, PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION, INC. ALL PLANTS SHALL BE NURSERY GROWN AND SHALL HAVE BEEN GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR AT LEAST TWO (2) YEARS.
- PLANT SUBSTITUTION SELECTION MUST BE APPROVED BY LANDSCAPE ARCHITECT AND/OR OWNER PRIOR TO INSTALLATION.
- ALL PLANTS TO BE PLANTED SO THAT AFTER SETTLEMENT THEY BEAR THE SAME RELATION TO THE SURROUNDING GROUND AS TO THEIR ORIGINAL GRADE BEFORE DIGGING.
- CREATE SAUCER AROUND INDIVIDUAL PLANTS CAPABLE OF HOLDING WATER. ALL PLANTS TO BE FLOODED WITH CLEAN WATER TWICE WITHIN THE FIRST 24 HOURS OF PLANTING. ADDITIONAL WATERING SHALL BE MADE AS REQUIRED TO KEEP PLANTS FROM WILTING AND DRYING OUT UNTIL FINAL ACCEPTANCE.
- CONTRACTOR TO RECEIVE A MINIMUM OF THREE (3) INCHES OF AGED SHREDED HARDWOOD BROWN MULCH AND SHALL COVER PLANTING BEDS AS SHOWN ON PLANS AND LANDSCAPE PARKING ISLANDS CONTAINING SHRUBS, GRASSES AND GROUND COVER.
- TRIM BROKEN AND DEAD BRANCHES FROM TREES AND SHRUBS AFTER PLANTING. NEVER CUT A LEADER.
- CONTRACTOR TO LOAM AND SEED ALL DISTURBED LANDSCAPE AREAS OUTSIDE OF THE PLANTING BEDS USING AN ENDOPHYTE ENHANCED MIX AT A RATE OF 5-7 LBS. PER 1,000 SF (AVAILABLE AT ALLENS SEED IN EXETER, RI OR OTHER APPROVED DROUGHT TOLERANT ENDOPHYTE ENHANCED SEED MIX) OR AS DIRECTED BY TOWN/OWNER UNLESS OTHERWISE NOTED. STORMWATER SYSTEMS TO BE SEED PER POND DETAILS.
- RECOMMENDED DATES FOR PLANTING ARE MARCH 15 TO JUNE 15 AND SEPTEMBER 15 TO NOVEMBER 15.
- ALL LANDSCAPED AREAS SHALL BE KEPT FREE OF WEEDS AND DEBRIS. ALL VEGETATION WITHIN SAID AREAS SHALL BE MAINTAINED FREE OF PHYSICAL DAMAGE CAUSED BY CHEMICALS, INSECTS, DISEASES, LACK OF WATER OR OTHER CAUSES. DAMAGED PLANTS SHALL BE REPLACED WITH THE SAME OR SIMILAR VEGETATION ON AN ANNUAL BASIS.
- LOAM MOVED ON SITE TO BE STOCKPILED AND RETAINED AND TO BE USED AS REQUIRED FOR THE LANDSCAPE DESIGN. LOAM SHALL NOT BE MIXED WITH ANY UNSUITABLE MATERIALS OR SUBSOIL. EXCESS LOAM TO REMAIN ON THE OWNER'S PROPERTY AND ONLY REMOVED WITH THE OWNERS PERMISSION. NEW LOAM SHALL BE FRIABLE, FERTILE, MEDIUM TEXTURED SANDY LOAM THAT IS FREE OF TOXIC MATERIALS FOR HEALTHY PLANT GROWTH AND SURVIVAL. LOAM SHALL BE FREE OF MATTER 1" OR GREATER IN DIAMETER AND WHEN TESTED SHALL HAVE A PH BETWEEN 5.5 AND 7.5. CONTRACTOR TO PROVIDE 8 INCHES OF GOOD QUALITY, LOAM AND/OR REUSE EXISTING LOAM TO PROVIDE A MINIMUM 6 INCH DEPTH.
- IRRIGATION LIGHTING BY OTHERS IF REQUIRED.
- THIS PLAN IS FOR LANDSCAPE PLANTING ONLY.



TREE PLANTING DETAIL - TYPICAL  
TOWN OF SOUTH KINGSTOWN, RI

**Diprete Engineering**  
Engineers - Planners - Surveyors  
www.diprete-eng.com  
Two Stafford Court, Cranston, RI 02920 • Tel: 401-943-1000



THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS APPROVED BY A REGISTERED PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING.  
DIPRETE ENGINEERING ONLY WARRANTS PLANS ON A DIPRETE PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE CONSTRUCTION OF ANY WORK OR FOR THE PERFORMANCE OF ANY WORK UNDER THESE PLANS BY ANY OTHER PARTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, REGULATIONS AND REQUIREMENTS, AND OSHA SAFETY PRECAUTIONS AND REQUIREMENTS, AND OSHA DESIGN. MAKE IN THE IMPLEMENTATION OF THIS PLAN AND DESIGN.  
EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR OBTAINING OR VERIFYING THE LOCATION AND DEPTH OF ANY UTILITIES. SEE UTILITY NOTE ON SHEET 3.

NO. 105-13-2926	PRELIMINARY SUBMISSION	S.I.P.	DESIGN BY: K.E.D.
NO. 105-13-2926	DESCRIPTION	B.T.	
NO. 105-13-2926			

**LANDSCAPE PLAN**  
**SAUGATUCKET ACRES**  
ASSESSOR'S PLAT 42 LOT 9  
SOUTH KINGSTOWN, RHODE ISLAND  
PREPARED FOR:  
**JOSEPH CHARPENTIER**  
P.O. 6043, WORCESTER, MA 01606  
TEL: 774-696-3814

Z:\DEPT\PROJECTS\1037-001 SAUGATUCKET ROAD\17A\AUTOCAD DRAWINGS\3287-001-LAR-DWG-PLANTING-5/13/2025

