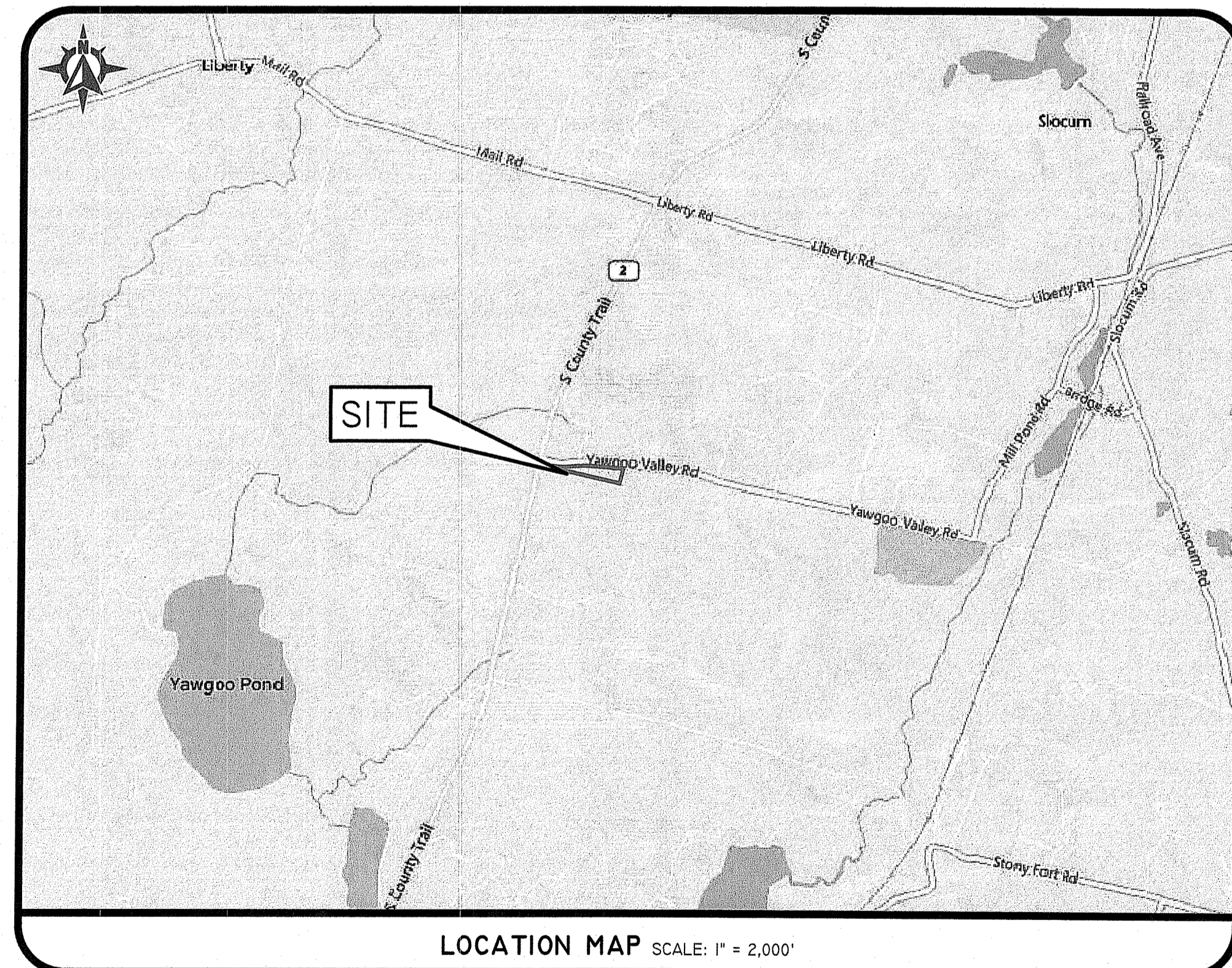


RIDEM PRELIMINARY DETERMINATION SUBMISSION

YAWGOO VALLEY ROAD ACCESS DRIVE

LOCATED ON YAWGOO VALLEY ROAD
EXETER, RHODE ISLAND

ASSESSOR'S PLAT 77-1 LOT 1



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- 5 SITE LAYOUT PLAN

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: 11 2022 FILE #: 22-0126

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

Capitain D. Seneck

RI Environmental Management
AUG 29 2022
Office of Water Resources

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

NICOLE PATTIE
No. 14068
REGISTERED PROFESSIONAL ENGINEER CIVIL

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS SPECIFICALLY ISSUED FOR CONSTRUCTION AND STAMPED 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. METEOROLOGICAL, SAFETY, REGULATIONS AND LOCAL ORDINANCES SHALL BE THE RESPONSIBILITY OF THE CLIENT AND DESIGNER. EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE ONLY. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES. SEE UTILITY NOTE ON SHEET 3.

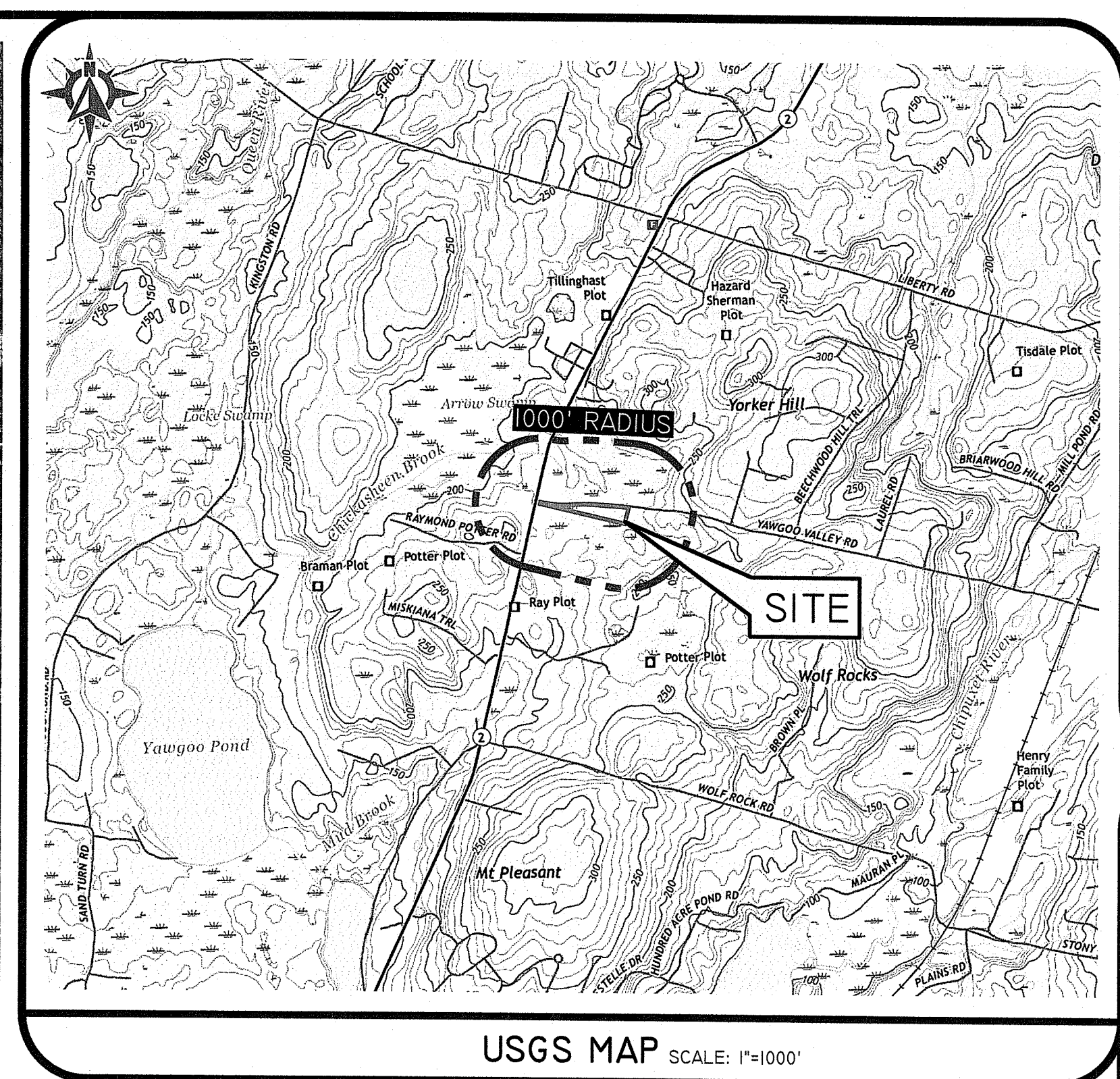
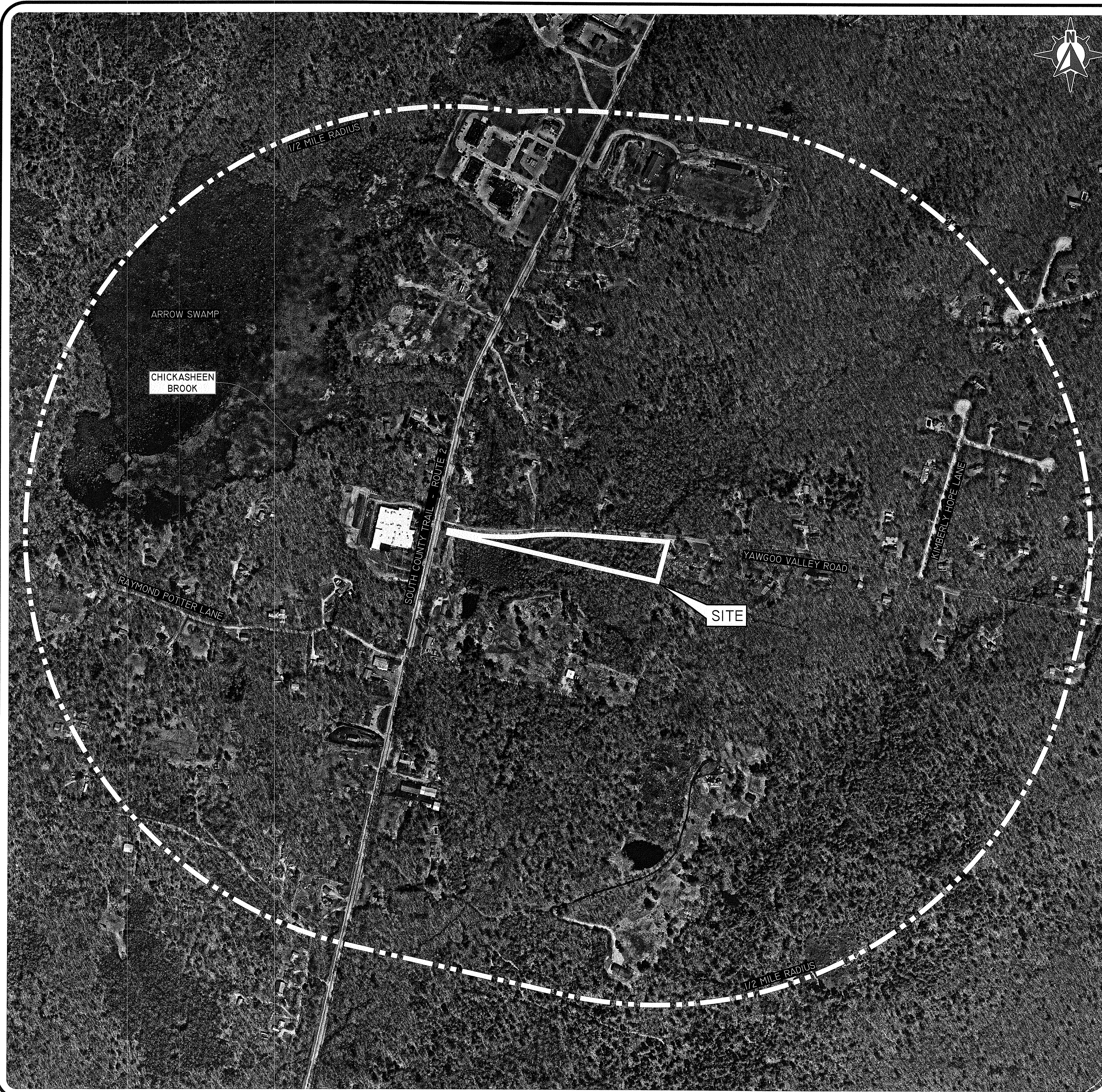
NO.	DATE	DESCRIPTION	N.E.P.	BY:
08-26-2022	08-26-2022	RIDEM RESPONSE TO COMMENTS	N.P.	N.P.
08-26-2022	08-26-2022	FINAL PERMIT DETERMINATION	N.P.	N.P.
08-26-2022	08-26-2022	DESIGN	N.P.	N.P.

DESIGN BY: N.M.P.

COVER SHEET
YAWGOO VALLEY ROAD ACCESS DRIVE
ASSESSOR'S PLAT 77-1 LOT 1
CITY/TOWN, RHODE ISLAND

PREPARED FOR:
TYLER GOBERN
16 SPENSTONE ROAD
CRANSTON, RHODE ISLAND 02910

DE JAR NO: 2024-01 COPYRIGHT 2022 BY DIPRETE ENGINEERING ASSOCIATES, INC.



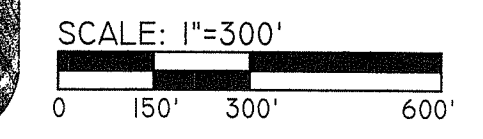
USGS MAP SCALE: 1"=1000'

Environmental Number: 0000000000
 AUG 29 2022
 Office of Water Resources

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED: JUN 17 2023 FILE #: 22-0126
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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

PHOTO OBTAINED FROM NEARMAP.
 DATE OF PHOTOGRAPHY: 03-27-2021



DiPrete Engineering

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

Boston • Providence • Newport

NICOLE PATTIE

 14068
 REGISTERED PROFESSIONAL ENGINEER CIVIL

THIS PLAN AND ANY INSTRUMENTS REFERENCED HEREON ARE FOR CONSTRUCTION PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE STATE OF RHODE ISLAND. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE STATE OF RHODE ISLAND. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES OF THE STATE OF RHODE ISLAND.

NO.	DATE	DESCRIPTION	BY:
1	08-24-2022	DESIGN RESPONSE TO COMMENTS	N.P.P.
2	08-25-2022	PROJECT PRELIMINARY DETERMINATION	N.P.P.
3	08-25-2022	PROJECT PRELIMINARY DETERMINATION	N.P.P.
4	08-25-2022	PROJECT PRELIMINARY DETERMINATION	N.P.P.

DESIGN BY: N.P.P.
 DRAWN BY: J.A.R.

AERIAL HALF-MILE RADIUS & USGS MAP
 YAWGOO VALLEY ROAD ACCESS DRIVE
 ASSESSOR'S PLAT 774 LOT 1
 CITY/TOWN, RHODE ISLAND

PREPARED FOR:
TYLER GOBERN
 14 SPENSTONE ROAD
 CRANSTON, RHODE ISLAND 02910

Z:\DEVELOPMENT\PROJECTS\2022-04-01 YAWGOO VALLEY ROAD\AUTOCAD DRAWINGS\2205-300-CVAD.DWG PLOTTER: 8/26/2022

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GENERAL NOTES:

- 1. THE SITE IS LOCATED ON THE TOWN OF EXETER ASSESSOR'S PLAT 774 LOT 1
2. THE SITE IS APPROXIMATELY 4.01 ACRES AND IS ZONED RURAL DISTRICT (RU-4) AND BUSINESS DISTRICT (B). ALL PROPOSED WORK IS TAKING PLACE WITHIN THE PORTION OF PROPERTY WITHIN THE RU-4 ZONE.
3. THE OWNER OF AP 774-1077 / 1 IS: TYLER GOBERN
14 SPENSTONE ROAD CRANSTON, RI 02910
4. THIS SITE IS IN FEMA FLOOD ZONE X. REFERENCE FEMA FLOOD INSURANCE RATE MAP 44099C0093J, MAP REVISED APRIL 3, 2020. (FLOOD PLAIN DESCRIPTIONS SHOWN BELOW).
5. THE BOUNDARY SHOWN ON THIS PLAN IS COMPILED FROM DOCUMENTS OF RECORD AND IS NOT TO BE CONSIDERED AS A BOUNDARY SURVEY. THIS COMPILATION PLAN HAS BEEN PREPARED FROM SOURCES OF INFORMATION AND DATA WHOSE POSITIONAL ACCURACY AND RELIABILITY HAS NOT BEEN VERIFIED. THE PROPERTY LINES DEPICTED HEREIN DO NOT REPRESENT A BOUNDARY OPINION AND OTHER INFORMATION DEPICTED IS SUBJECT TO SUCH CHANGES AS AN AUTHORITATIVE FIELD SURVEY MAY DISCLOSE.
6. 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 AUTHORITATIVE FIELD SURVEY MAY DISCLOSE.
7. ALL WORK PERFORMED HEREIN IS TO BE GOVERNED BY CURRENT EDITIONS OF THE RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, TOWN OF EXETER 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 DESIGN ENGINEER 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: NON-COMMUNITY WELL-HEAD PROTECTION AREA (RIDEM)
9. THE SITE IS NOT WITHIN A: GROUNDWATER PROTECTION AREA (RIDEM) NATURAL HERITAGE AREA (RIDEM) NARROW RIVER SPECIAL AREA MANAGEMENT PLAN (CRMC) SALT PONDS SPECIAL AREA MANAGEMENT PLAN (CRMC) GROUNDWATER PROTECTION OVERLAY DISTRICT (TOWN)
10. THIS PLAN SET REFERENCES RIDOT STANDARD DETAILS (DESIGNATED AS RIDOT STD X.X.X). RIDOT STANDARD DETAILS ARE AVAILABLE FROM RIDOT AND ONLINE AT: HTTP://WWW.DOT.RI.GOV/BUSINESS/CONTRACTORSANDCONSULTANTS.PHP.
11. THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE TOWN OF EXETER SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
12. THE SITE IS PROPOSED TO BE BUILT IN ONE PHASE.
13. NRS IDENTIFIED A SWAMP (> 3 ACRES) THROUGH A PRELIMINARY ASSESSMENT OF ON-SITE WETLAND RESOURCE AREA WAS COMPLETED BY EDWARD J. AVIZINIS, PWS, CPSS ON JULY 16, 2020.
14. 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 ENGINEER OF RECORD FOR CONSIDERATION, WHICH MUST BE ACCOMPANIED BY 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 ENGINEER OF RECORD.
15. 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 DIPRETE PLANS IS STRICTLY FOR INFORMATION/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 INFORMATION:

(REFERENCE: SOIL MAPPING OBTAINED FROM RIGIS. SOIL GEOGRAPHIC DATA DEVELOPED BY THE RHODE ISLAND SOIL SURVEY PROGRAM IN PARTNERSHIP WITH THE NATIONAL COOPERATIVE SOIL SURVEY)
SOIL NAME DESCRIPTION
C-D CANTON AND CHARLTON VERY STONY FINE SANDY LOAMS, IS TO 25 PERCENT SLOPES
SB SCARBORO MUCKY SANDY LOAM
SWA SWANSEA MUCK, 0 TO 1 PERCENT SLOPES
WA WALPOLE SANDY LOAM

LAYOUT AND MATERIALS:

- 1. 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, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
2. PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE DOCUMENTATION DISTURBED DURING CONSTRUCTION MUST BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
3. CONTRACTOR MUST NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS. CONTRACTOR MUST VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE STAMPED PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.

AS-BUILT NOTES:

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 FROM TO CONTRACTOR COVERING IMPROVEMENTS. OWNER/DIPRETE WILL NOT ACCEPT FIELD MEASUREMENTS FROM THE SITE CONTRACTOR.

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 DESIGN ENGINEER, 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 (RISESC) 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 DIPRETE ENGINEERING TO MEET THE OBJECTIVES OF THE RISESC HANDBOOK, BUT IS CONSIDERED A GUIDE ONLY. ADDITIONAL MEASURES/ALTERNATE CONFIGURATIONS MAY BE REQUIRED IN ORDER TO MEET THE RISESC HANDBOOK BASED ON FACTORS INCLUDING (BUT NOT LIMITED TO) SITE PARAMETERS, WEATHER, INSPECTIONS AND UNIQUE FEATURES. THE SECC WILL CONTINUE TO EVOLVE THROUGHOUT CONSTRUCTION PHASES. PURSUANT TO NOTE 1 ABOVE, SECC REMAINS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE SITE IS FULLY STABILIZED AND/OR SECC 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 CLEANED AND BROUGHT TO FINAL DESIGN GRADES.
5. INLET PROTECTION MUST BE INSTALLED ON ALL CATCH BASINS ONCE CONSTRUCTED.
6. FOR SEQUENCE OF CONSTRUCTION, PROJECT PHASING AND CONSTRUCTION PHASING SEE SECC PLAN.
7. CONTRACTOR MAY MODIFY SEQUENCE OF CONSTRUCTION WITH APPROVAL FROM DESIGN ENGINEER AND OWNER.
8. CONCRETE TRUCKS ARE WASHED OUT ON SITE, ALL WASHOUT MUST BE PERFORMED IN THE DESIGNATED CONCRETE WASHOUT AREA.

DEMOLITION NOTES:

- 1. CONTRACTOR MUST OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
2. CONTRACTOR MUST PERFORM DAILY SWEEPING AT CONSTRUCTION ENTRANCES DURING DEMOLITION AND CONSTRUCTION TO MINIMIZE SEDIMENTS ON EXTERNAL SURFACES.
3. 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.
4. 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 PAVEMENT, GRAVEL, CATCH BASINS, MANHOLES, GRATES/FRAMES/COVERS, AND ANY EXCESS SOIL THAT IS NOT INCORPORATED INTO THE WORK.
5. 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.
6. CONTRACTOR MUST DOCUMENT LOCATION OF ALL SUBSURFACE UTILITIES REMAINING IN PLACE AFTER DEMOLITION (ACTIVE AND INACTIVE/ABANDONED). LOCATION 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.
7. 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.
8. CONTRACTOR MUST COORDINATE THE CUTTING AND CAPPING OF ALL UTILITIES WITH THE OWNER, THE MUNICIPALITY, AND ALL APPLICABLE UTILITY ENTITIES HAVING JURISDICTION.
9. INACTIVE SUBSURFACE UTILITIES NOT IN CONFLICT WITH THE PROPOSED WORK AREA MAY BE ABANDONED IN PLACE WITH WRITTEN PERMISSION FROM THE OWNER.

TRAFFIC NOTES:

- 1. ALL TRAFFIC CONTROL MUST CONFORM TO THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) CURRENT EDITION.
2. DURING CONSTRUCTION, TRAFFIC CONES MUST BE USED FOR SEPARATION OF ACTIVE TRAFFIC FROM WORK ZONE PER MUTCD REQUIREMENTS.
3. DURING CONSTRUCTION FLAGGERS MUST BE EMPLOYED TO ENSURE SAFETY FOR INTERACTION OF CONSTRUCTION VEHICLES AND ACTIVE TRAFFIC.
4. ALL SIGNS, FLAGGERS, TRAFFIC CONTROL DEVICES, AND TEMPORARY TRAFFIC ZONE ACTIVITIES MUST MEET THE REQUIREMENTS OF THE MUTCD LATEST EDITION AND SUBSEQUENT ADDENDA.
5. TEMPORARY CONSTRUCTION SIGNS MUST BE MOUNTED ON RIDOT APPROVED SUPPORTS AND MUST BE REMOVED OR COVERED WHEN NOT APPLICABLE.

GRADING AND UTILITY NOTES:

- 1. PRIOR TO START OF CONSTRUCTION, CONTRACTOR MUST VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACES WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE CHANNELS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES. CONTRACTOR MUST NOTIFY DESIGN ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
2. ALL RETAINING WALLS AND SLOPE 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.
3. MATERIAL STOCKPILES MUST NOT BE LOCATED IN THE RIGHT-OF-WAY, AND TRENCHES MUST NOT BE LEFT OPEN OVERNIGHT.
4. ALL LOAM IN DISTURBED AREAS MUST BE STOCKPILED FOR FUTURE USE. ALL STOCKPILED LOAM MUST BE REUSE ON SITE.
5. 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.
6. NO STUMP DUMPS ARE PROPOSED ON SITE.

ABBREVIATIONS LEGEND

Table with 2 columns: Abbreviation and Description. Includes ADA (Americans with Disability Act), AHJ (Authority Having Jurisdiction), AP (Assessor's Plat), ARCH (Architect), BC (Bottom of Curb), BT (Bottom of Trestle), BIT (Bituminous (Berm)), BIO (Bioretention), BS (Basement Slab Elevation), BW (Finished Grade at Bottom of Wall), CB (Catch Basin), (C) (Calculated), (CA) (Chord Angle), CLDIP (Clean Lined Ductile Iron Pipe), CO (Clean Out), CONC (Concrete), (D) (Deed), DCB (Double Catch Basin), DI (Drop Inlet), DMH (Drainage Manhole), DP (Detention Pond), ELEV (Elevation), EOP (Edge of Pavement), ESC (Erosion and Sediment Control), EX (Existing), FES (Flared End Section), FFE (Finish Floor Elevation), GS (Garage Slab Elevation), GW (Ground Water Table), HW (Headwall), HC (High Capacity Catch Basin Grate), HDPE (High Density Polyethylene), ID (Inline Drain), INV (Invert), IP (Infiltration Pond), LARCH (Landscape Architect), LF (Linear Feet), LOD (Limit of Disturbance), LP (Light Pole), (M) (Measured), MEP (Mechanical/Electrical/Plumbing Engineer), N/F (Now or Formerly), OHW (Overhead Wire), PE (Polyethylene), P (Property Line), PR (Proposed), PVC (Polyvinyl Chloride), R (Radius), R&D (Remove and Dispose), RCP (Reinforced Concrete Pipe), RIHB (Rhode Island), RL (Roof Leader), ROW (Right-of-Way), S (Slope), SD (Subdrain), SED (Sediment Forebay), SF (Square Foot), SFL (State Freeway Line), SFM (Sewer Force Main), SG (Slab on Grade Elevation), SHL (State Highway Line), SMH (Sewer Manhole), SNDF (Sand Filter), SS (Side Slope), STA (Station), TC (Top of Curb), TD (Trench Drain), TF (Top of Foundation), TRANS (Transition), TW (Top of Wall (Finished)), GRADE AT TOP OF WALL), TYP (Typical), UDS (Underground), DETENTION SYSTEM), UIS (Underground), INFILTRATION SYSTEM), UP (Utility Pole), WO (Walkout Elevation), WQ (Water Quality)

EXISTING LEGEND

Table with 2 columns: Symbol and Description. Includes PROPERTY LINE, ASSESSORS LINE, BUILDING, BRUSHLINE, TREE LINE, GUARDRAIL, FENCE, RETAINING WALL, STONE WALL, MINOR CONTOUR LINE, MAJOR CONTOUR LINE, WATER LINE, SEWER LINE, SEWER FORCE MAIN, GAS LINE, ELECTRIC LINE, OVERHEAD WIRES, DRAINAGE LINE, SOLS LINES, 50' PERIMETER WETLAND, 100' RIVERBANK WETLAND, 200' RIVERBANK WETLAND, FEMA BOUNDARY, STREAM, WETLAND LINE & FLAG, STATE HIGHWAY LINE, STATE FREEWAY LINE, GROUNDWATER OVERLAY, GROUNDWATER RECHARGE AREA, GROUNDWATER RESERVOIR, NATURAL HERITAGE, COMMUNITY WELLHEAD PROTECTION, NON-COMMUNITY WELLHEAD PROTECTION, NAIL FOUND/SET, DRILL HOLE FOUND/SET, BOUND FOUND/SET, SIGN, BOLLARD, SOIL EVALUATION, CATCH BASIN, DOUBLE CATCH BASIN, DRAINAGE MANHOLE, FLARED END SECTION, GUY POLE, ELECTRIC MANHOLE, UTILITY/POWER POLE, LIGHTPOST, SEWER/SEPTIC MANHOLE, SEWER VALVE, HYDRANT, IRRIGATION VALVE, WATER VALVE, WELL, MONITORING WELL, UNKNOWN MANHOLE, GAS VALVE, BENCH MARK, STREAM FLOW DIRECTION

PROPOSED LEGEND

Table with 2 columns: Symbol and Description. Includes PROPERTY LINE, BUILDING SETBACKS, CHAINLINK FENCE, GUARDRAIL, RETAINING WALL, MINOR CONTOUR LINE, MAJOR CONTOUR LINE, SPOT ELEVATION, EDGE OF PAVEMENT, BITUMINOUS BERM, CONCRETE CURB (RIDOT STD 7.1.0), BUILDING FOOTPRINT, BUILDING OVERHANG, ASPHALT PAVEMENT, HEAVY DUTY ASPHALT PAVEMENT, HEAVY DUTY CONCRETE, CONCRETE, ASPHALT SIDEWALK, SAWCUT LINE, SIGN (RIDOT STD 2L 6.2 AS APPLICABLE), SINGLE LIGHT, DOUBLE LIGHT, OVERHANGING LIGHT, ACCESSIBLE PARKING SPACE SYMBOLS, BUILDING INGRESS/EGRESS, DRAINAGE LINE, PERFORATED SUBDRAIN, SWALE, SEWER FORCE MAIN, GAS LINE, WATER LINE, HYDRANT ASSEMBLY, WATER SHUT OFF, WATER VALVE, THRUST BLOCK, SEWER LINE, OVERHEAD WIRE, ELECTRIC, TELEPHONE, CABLE LINE, LIMIT OF DISTURBANCE/LIMIT OF CLEARING, SEDIMENTATION BARRIER, SILT FENCE (RIDOT STD 9.2.0), COMPOST SOCK OR APPROVED EQUAL, SLOPES STEEPER THAN 3:1 (2:1 OR 1:1 SLOPES), UNDERGROUND INFILTRATION OUTLINE, POND ACCESS, RIPRAP, SAND FILTER, BIO RETENTION, CATCH BASIN, DOUBLE CATCH BASIN, MANHOLE, FLARED END SECTION, HEADWALL

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED 08/26/2022 FILE # 22-0126
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

UTILITY NOTE:

ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS 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 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.

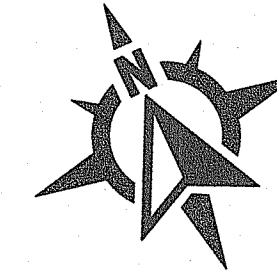
DIPRETE ENGINEERING IS NOT A PROFESSIONAL UTILITY LOCATION COMPANY, AND IS NOT RESPONSIBLE FOR UNDERGROUND UTILITIES AFFECTED OR NOT, EITHER IN SERVICE OR ABANDONED, ANY SIZES, LOCATIONS, EXISTENCE, OR LACK OF EXISTENCE. UTILITIES SHOWN ON THESE PLANS SHOULD BE CONSIDERED APPROXIMATE UNTIL VERIFIED BY A PROFESSIONAL UTILITY LOCATION COMPANY. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED.

DiPrete Engineering
Two Stafford Court Cranston, RI 02920
tel 401-943-1000 fax 401-464-6006 www.diprete-eng.com
BOSTON • PROVIDENCE • NEWPORT

NICOLE PATTIE
REGISTERED PROFESSIONAL ENGINEER
14068

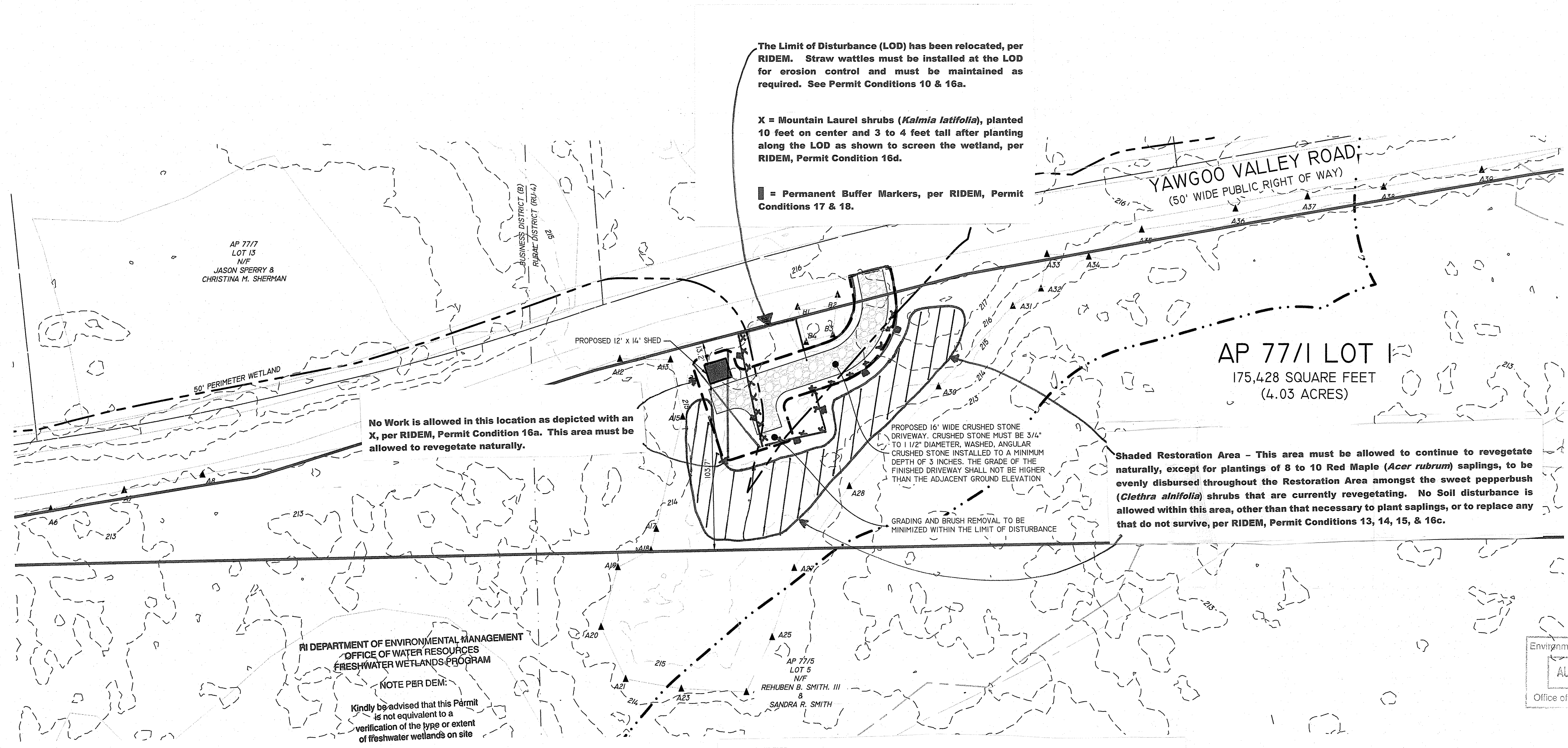
THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS STAMPED AND SIGNED BY THE REGISTERED PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING.
DIPRETE ENGINEERING ONLY WARRANTS PLANS ON A DIPRETE ENGINEERING PROJECT. DIPRETE ENGINEERING DOES NOT WARRANT PLANS BY ANY OTHER PARTY.
THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE RISKS ASSOCIATED WITH THE IMPLEMENTATION OF THE PLAN AND ASSUMES ALL LIABILITY FOR DAMAGES INCURRED.
ONLY DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED.
SEE UTILITY NOTE ON SHEET 3.

Table with 2 columns: NO. and DESCRIPTION. Includes 0 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 1 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 2 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 3 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 4 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 5 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 6 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 7 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 8 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 9 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 10 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 11 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 12 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 13 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 14 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 15 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 16 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 17 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 18 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 19 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 20 (08/26/2022) (RIDOT RESPONSE TO COMMENTS), 21 (08/26/2022) (RIDOT RESPONSE TO 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DIMENSIONAL REGULATIONS:

CURRENT ZONING: RURAL DISTRICT (RU-4)	REQUIRED	PROVIDED
MINIMUM LOT AREA:	4 AC.	4.03 AC.
MINIMUM FRONTAGE:	300'	1,356.1'
MINIMUM FRONT DEPTH (SETBACK):	100'	13.2'
MINIMUM SIDE DEPTH (SETBACK):	80'	74.8 9"
MINIMUM REAR DEPTH (SETBACK):	50'	103.7'
MAXIMUM STRUCTURE HEIGHT:	40'	44.0'
MAXIMUM LOT COVERAGE:	15%	0.1%



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

- Per RIDEM:**
1. The disturbed swamp must be allowed to revegetate naturally, per Permit Condition 16a.
 2. Woody debris piles located in swamp near wetland flags A28 through A30 must be removed from the swamp by hand and disposed of in an upland location by July 15, 2023, per Permit Condition 16a.
 3. The wooden structure that was installed without authorization in the 50-foot perimeter wetland for electrical power can be allowed to remain in its current location or relocated outside of all wetland areas.

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: AUG 17 2022 FILE # 22-0186
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nicole Pattie

Environmental Management
AUG 29 2022
Office of Water Resources

SCALE: 1"=40'
0 20' 40' 80'

DiPrete Engineering
Two Stafford Court Cranston, RI 02909
Tel: 401-943-1000 Fax: 401-943-6000 www.diprete-eng.com

NICOLE PATTIE
No. *N. Pattie* 14068
REGISTERED PROFESSIONAL ENGINEER
CIVIL

THIS PLAN SET HAS BEEN PREPARED FOR CONSTRUCTION PURPOSES AND IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN CONSENT OF DIPRETE ENGINEERING. A REGISTERED PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING HAS REVIEWED THIS PLAN SET AND HAS STAMPED HIS/HER TITLE BLOCK STAMPED BY REGISTERED ENGINEERING TITLE BLOCK STAMPED BY ANY OTHER PARTY. ENGINEERING DOES NOT WARRANT PLANS BY ANY OTHER PARTY. THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE MEANS, METHODS, MATERIALS, EQUIPMENT, AND WORKMANSHIP IN THE PERFORMANCE OF THIS PLAN AND DESIGN. EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES. DAMAGES INCURRED DUE TO LOCATION OF EXISTING UTILITIES, SEE UTILITIES NOTE ON SHEET 3.

NO.	DATE	DESCRIPTION	BY:
1	08-17-2022	DESIGN RESPONSE TO COMMENTS	N.P.P.
2	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
3	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
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30	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
31	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
32	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
33	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
34	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
35	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
36	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
37	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
38	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
39	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
40	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
41	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
42	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
43	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
44	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
45	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
46	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
47	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
48	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
49	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.
50	08-24-2022	REVISION FOR PERMITS DETERMINATION	N.P.P.

SITE LAYOUT PLAN
YAWGOO VALLEY ROAD ACCESS DRIVE
ASSESSOR'S PLAT 77-1 LOT 1
CITY/TOWN, RHODE ISLAND
PREPARED FOR:
TYLER GOVERN
14 SPENSTONE ROAD
CRANSTON, RHODE ISLAND 02910
DESIGN BY: J.A.R. DESIGN BY: N.M.P.