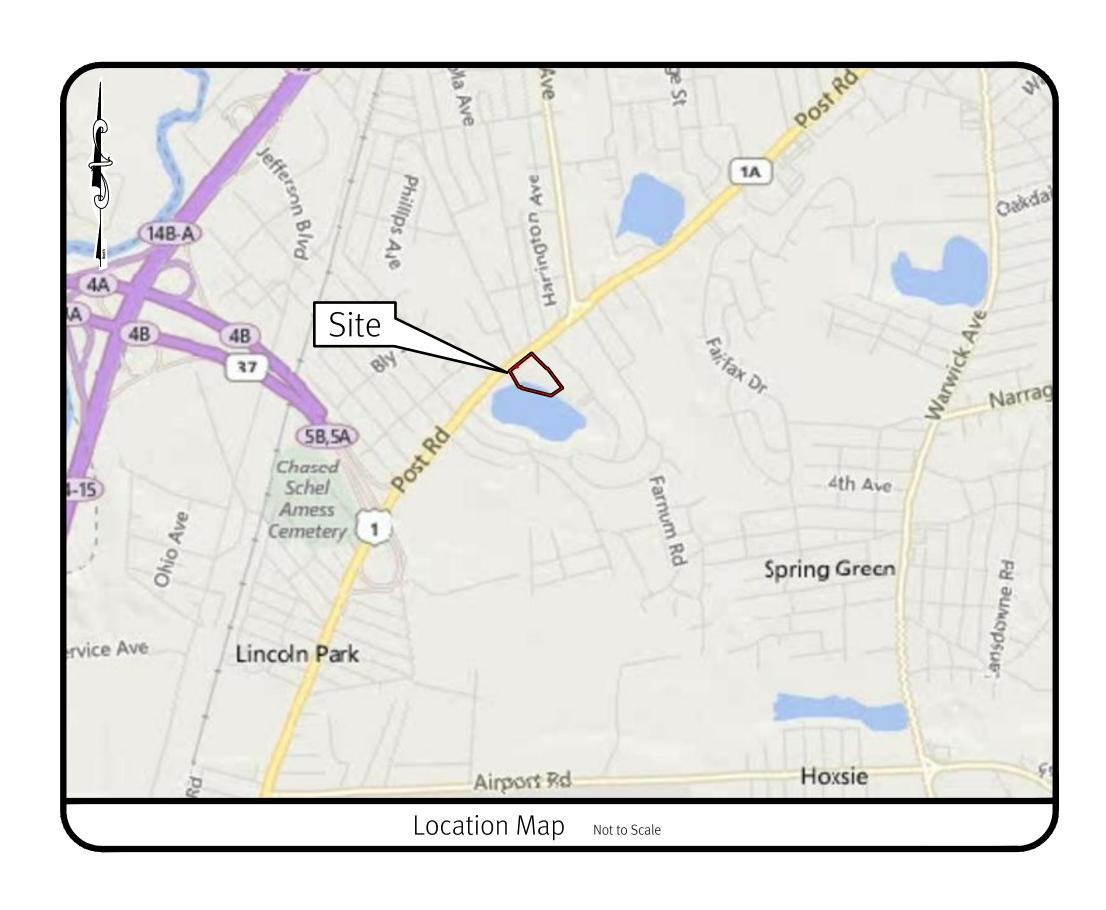
Preliminary Plan Submission

1160 Post Road

1160 Post Road Warwick, Rhode Island 02888

Assessor's Plat 298 Lot 18



Sheet Index

- Cover Sheet
- Aerial Half Mile Radius Map
- Notes & Legend Sheet
- Boundary/Topographic Survey (16" x 22")
- Soil Erosion & Control Plan
- Overall Site Plan
- Grading Plan
- Utility Plan
- Stormtech Detail Sheet
- Detail Sheet

SESC / O&M

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

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

THE OWNER OF AP 298 LOT 18 IS:

CENICOR LLC 1160 POST ROAD UNIT 9 WARWICK, RI 02888

FLOOD INSURANCE RATE MAP 44003C0131H, MAP REVISED SEPTEMBER 18, 2013. (FLOOD PLAIN DESCRIPTIONS SHOWN BELOW)

ZONE X (UNSHADED) - THIS SITE IS LOCATED IN FEMA FLOOD ZONE X. ZONE X ARE AREAS WHERE THERE IS MINIMAL FLOODING.

THIS SITE IS LOCATED IN FEMA FLOOD ZONES X (UNSHADED). REFERENCE FEMA

- THE BOUNDARY LINE AS SHOWN ON THIS PLAN DEPICTS THE RESULTS OF A CLASS I BOUNDARY RETRACEMENT SURVEY AS PERFORMED BY DIPRETE ENGINEERING ASSOCIATES, INC. 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.
- ALL WORK PERFORMED HEREIN IS TO BE GOVERNED BY CURRENT EDITIONS OF THE RHODE ISLAND STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, CITY OF WARWICK 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.
- THE SITE IS WITHIN A: NATURAL HERITAGE AREAS (RIDEM)
- THE FOLLOWING DOCUMENTS ARE CONSIDERED PART OF THE PROJECT PLANS AND THE CONTRACTOR/ OWNER MUST MAINTAIN THESE DOCUMENTS AS PART OF A FULL
- SOIL EROSION AND SEDIMENT CONTROL PLAN (SESC). THE SESC CONTAINS THE
- EROSION CONTROL MEASURES
- SHORT TERM MAINTENANCE ESTABLISHMENT OF VEGETATIVE COVER
- CONSTRUCTION POLLUTION PREVENTION SEQUENCE OF CONSTRUCTION
- STORMWATER OPERATION AND MAINTENANCE PLAN (O&M). THE O&M CONTAINS: LONG TERM MAINTENANCE LONG TERM POLLUTION PREVENTION
- 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.
- THE SITE IS TO BE SERVICED BY PUBLIC WATER AND PUBLIC SEWER.
- THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE WARWICK SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WITH THE USE OF CATCH BASINS, AND UNDERGROUND DRAINAGE BASINS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
- THE SITE IS PROPOSED TO BE BUILT IN 1 PHASE TO CONSTRUCT A STORAGE UNIT FACILITY.
- SOIL EVALUATIONS, WERE COMPLETED BY DIPRETE ENGINEERING ON JUNE 14, 2017.
- ANY PROPRIETARY PRODUCTS REFERENCED IN THIS PLAN SET ARE REPRESENTATIVE OF THE MINIMUM DESIGN REQUIREMENTS FOR THE PURPOSE IT PROPOSES 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 ALTERNATIVE(S) 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.

Soil Information:

(REFERENCE: SOIL MAPPING OBTAINED FROM RIGIS. SOIL GEOGRAPHIC DATA DEVELOPED BY 5 THE RHODE ISLAND SOIL SURVEY PROGRAM IN PARTNERSHIP WITH THE NATIONAL COOPERATIVE SOIL SURVEY)

SOIL NAME <u>DESCRIPTION</u>

MERRIMAC-URBAN LAND COMPLEX URBAN LAND

Americans with Disabilities Act Notes:

- ALL IMPROVEMENTS MUST COMPLY WITH THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG)" BY THE DEPARTMENT OF JUSTICE (CURRENT
- MAXIMUM RUNNING SLOPE ALONG ALL ACCESSIBLE PATHS OF TRAVEL MUST BE 4.5% (0.045 FT/FT), AND MAXIMUM CROSS SLOPE ACROSS ALL ACCESSIBLE PATHS OF TRAVEL MUST BE 1.5% (0.015 FT/FT).
- ADA PARKING SPACES AND LOADING AREAS: THE STEEPEST SLOPE OF THE SPACE, MEASURED IN ANY DIRECTION (INCLUDING DIAGONAL), MUST BE LESS THAN OR EQUAL TO 2% (0.02 FT/FT). DIPRETE ENGINEERING GENERALLY RECOMMENDS A MAXIMUM OF 1.4% (0.014 FT/FT) BE USED FOR BOTH RUNNING AND CROSS SLOPES IN ORDER TO COMPLY.
- A MINIMUM 5'x5' LANDING MUST BE PROVIDED IN FRONT OF ALL PUBLICLY ACCESSIBLE BUILDING ENTRANCES / EGRESSES. THE STEEPEST SLOPE OF THE LANDING, MEASURED IN ANY DIRECTION (INCLUDING DIAGONAL), MUST BE LESS THAN OR EQUAL TO 2% (0.02 FT/FT). DIPRETE ENGINEERING GENERALLY RECOMMENDS A MAXIMUM OF 1.4% (0.014 FT/FT) BE USED FOR BOTH RUNNING AND CROSS SLOPES IN ORDER TO COMPLY.
- FOR EVERY 6 (OR FRACTION OF 6) ADA PARKING SPACES, AT LEAST ONE MUST BE A VAN PARKING SPACE. FOR EXAMPLE, IF 7 ADA PARKING SPACES ARE REQUIRED, A MINIMUM OF 2 MUST BE VAN SPACES.
- NOTWITHSTANDING THE NOTES LISTED ABOVE, TOWN OR STATE-SPECIFIC STANDARDS MAY BE MORE STRINGENT AND OVERRULE. IT IS THE RESPONSIBILITY OF THE USER OF THIS PLAN SET TO MAINTAIN COMPLIANCE WITH THE CONTROLLING STANDARD.
- NOTE THAT THE GRADING/ PLAN VIEWS AND DETAILS CONTAINED WITHIN THIS PLAN SET MAY NOT SHOW THE DETAIL NECESSARY TO CONSTRUCT WALKWAYS, RAMPS AND SPACES TO COMPLY WITH THE ABOVE REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE LEVEL OF CARE NECESSARY TO BE CERTAIN THAT THE CONSTRUCTED PRODUCT MEETS ADA/ CONTROLLING STANDARDS. IN THE EVENT OF ANY NON COMPLIANCE THE CONTRACTOR MUST NOTIFY THE DESIGNER BEFORE CONSTRUCTION FOR ADVICE IN FINDING A RESOLUTION.

Soil Erosion and Sedimentation Control Notes:

- 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 IS TO 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.
- ALL EROSION CONTROL, TEMPORARY DIVERSION BERMS, TEMPORARY SEDIMENT TRAPS, ETC. TO BE INSTALLED PER THE RHODE ISLAND SOIL EROSION AND SEDIMENTATION CONTROL LATEST EDITION AND THE SOIL EROSION SEDIMENTATION CONTROL PLAN (SESC).
- TEMPORARY SWALES ARE TO BE USED TO CONTROL RUNOFF DURING CONSTRUCTION OF THE PROPOSED ROADWAY. TEMPORARY SWALES TO BE VEGETATED AFTER CONSTRUCTION. EROSION CONTROL MATS ARE TO 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 ARE TO BE CLEARED AND FINAL DESIGN, INCLUDING INSTALLATION OF THE GRASS SWALE TO BE PER THE DESIGN PLANS.
- ONCE THE SEDIMENT TRAP IS NO LONGER REQUIRED AND ALL TRIBUTARY AREAS HAVE BEEN STABILIZED, THE TEMPORARY SEDIMENTATION BASIN TO BE CLEANED AND BROUGHT TO FINAL DESIGN GRADES.
- INLET PROTECTION IS TO BE INSTALLED ON ALL CATCH BASINS ONCE CONSTRUCTED.
- FOR SEQUENCE OF CONSTRUCTION, PROJECT PHASING AND CONSTRUCTION PHASING SEE SESC PLAN.

IF CONCRETE TRUCKS ARE WASHED OUT ON SITE, ALL WASHOUT MUST BE

CONTRACTOR MAY MODIFY SEQUENCE OF CONSTRUCTION WITH APPROVAL FROM DESIGN ENGINEER AND OWNER.

COMPLETED IN THE DESIGNATED CONCRETE WASHOUT AREA.

Demolition Notes:

- CONTRACTOR TO OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR TO PERFORM DAILY SWEEPING AT CONSTRUCTION ENTRANCE DURING DEMOLITION AND CONSTRUCTION TO MINIMIZE SEDIMENTS ON EXTERNAL STREETS.
- ANY EXISTING BUILDING(S) AND PROPERTY PROPOSED TO REMAIN WHICH ARE DAMAGED BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR IS RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING (R&D) ALL MATERIALS INDICATED ON THE PLANS UNLESS SPECIFIED OTHERWISE HERE IN. R&D MATERIALS MUST INCLUDE BUT ARE NOT LIMITED TO PAVEMENT, GRAVEL, CATCH BASINS, MANHOLES, GRATES/FRAMES/COVERS, AND ANY EXCESS SOIL THAT IS NOT 12. NO STUMP DUMPS ARE PROPOSED ON SITE. INCORPORATED INTO THE WORK.
- 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.
- 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.

Traffic Notes:

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

As-Built Notes:

ALL COMPONENTS OF THE DRAINAGE SYSTEM MUST BE ASBUILT PRIOR TO COVERING. ENGINEER TO BE NOTIFIED PRIOR TO COVERING TO SURVEY ASBUILT LOCATIONS. ENGINEER WILL NOT ACCEPT FIELD MEASUREMENTS FROM THE SITE CONTRACTOR.

Grading and Utility Notes:

- CONSTRUCTION TO COMMENCE SPRING 2021 OR UPON RECEIPT OF ALL NECESSARY
- 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.
- THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING FINISH GRADING AND DRAINAGE AROUND THE BUILDING TO ENSURE SURFACE WATER AND/OR GROUNDWATER ARE DIRECTED AWAY FROM THE STRUCTURE.
- PRIOR TO START OF CONSTRUCTION, CONTRACTOR MUST VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES. CONTRACTOR MUST NOTIFY DESIGN ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- ALL PROPOSED UNDERGROUND UTILITIES SERVING THE SITE AND BUILDINGS TO BE COORDINATED WITH OWNER, ARCHITECT, AND ENGINEER PRIOR TO INSTALLATION.
- 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 ARE TO BE DESIGNED AND BUILT UNDER THE DIRECTION OF A PROFESSIONAL GEOTECHNICAL ENGINEER AND CERTIFIED TO THE OWNER PRIOR TO THE COMPLETION OF THE PROJECT. SHOP DRAWINGS TO 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.
- ALL CUT AND FILL AREAS ARE TO BE DONE UNDER THE DIRECTION OF A PROFESSIONAL GEOTECHNICAL ENGINEER WITH TESTING AND CERTIFICATION TO BE PROVIDED TO THE APPLICANT 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.
- NO STOCKPILING OF MATERIAL TO BE LOCATED IN THE RIGHT OF WAY AND NO OPEN TRENCHES ARE TO BE LEFT OVERNIGHT.
- ALL LOAM IN DISTURBED AREAS TO BE STOCKPILED FOR FUTURE USE.
- ALL EXCESS SOIL, TREES, ROCKS, BOULDERS, AND OTHER REFUSE, MUST BE DISCARDED OFF SITE IN AN ACCEPTABLE MANNER AT AN APPROVED LOCATION. STUMPS MUST BE GROUND ON SITE OR REMOVED.
- THE SITE WILL HAVE 6" CONCRETE/GRANITE CURBING. SITE GRADING/CONTOURS SHOWN ON THE PLANS DO NOT NECESSARILY REFLECT THE APPROPRIATE CURBING REVEAL. CONTRACTOR TO INSTALL CURBING WITH APPROPRIATE REVEAL UNLESS OTHERWISE NOTED.

ALL DRAINAGE PIPING TO BE HIGH-DENSITY POLYETHYLENE (HDPE) WITH WATERTIGHT JOINTS WHERE INSTALLED WITHIN THE SEASONAL HIGH GROUNDWATER, UNLESS NOTED OTHERWISE ON THE PLANS OR IN THE SPECIFICATIONS.

- DRAINAGE STRUCTURES TO BE AS FOLLOWS (UNLESS OTHERWISE NOTED ON PLANS): • CATCH BASINS ALONG CURBING TO BE RIDOT STD. 4.4.0, TYPE F FRAME, 4' DIAMETER WITH APRON STONE.
- CATCH BASINS NOT ALONG CURBING TO BE RIDOT STD 4.4.0, 4' DIAMETER
- CATCH BASINS TO HAVE 3' SUMPS WITHOUT WEEPHOLES. • SINGLE FRAME CATCHBASIN GRATES TO BE RIDOT STD. 6.3.2
- DOUBLE FRAME CATCHBASIN GRATES TO BE RIDOT STD. 6.3.2
- HIGH CAPACITY CATCHBASIN GRATES TO BE RIDOT STD 6.3.4 AND INSTALLED
- ANYWHERE GRADES ARE 6% AND STEEPER • MANHOLES TO BE RIDOT STD. 4.2.0, 4.2.1 OR 4.2.2 AS REQUIRED
- DRAINAGE MANHOLE COVERS TO BE RIDOT STD 6.2.1
- DROP INLETS TO BE RIDOT STD. 4.5.0, 4.5.1 OR 4.5.2. • APRON STONE, WHERE REQUIRED, TO BE RIDOT STD 7.1.7 OR 7.1.8.

ALL DRAINAGE STRUCTURES MUST BE WATERTIGHT

• HEADWALLS TO BE RIDOT STD 2.1.0.

DRAINAGE CONNECTIONS FROM ALL YARD DRAINS (YD), AREA DRAINS (AD), TRENCH DRAINS (TD), FRENCH DRAINS (FD), WALL DRAINS (WD), AND DOWNSPOUTS (DS) ARE SHOWN FOR SCHEMATIC PURPOSES ONLY. THE LEVEL OF DETAIL SHOWN DOES NOT INCLUDE ALL JOINTS THAT MAY BE REQUIRED FOR CONSTRUCTION. ALL FITTINGS & PIPE SLOPES TO TIE INTO MAIN TRUNK LINE TO BE FIELD FIT BY CONTRACTOR.

ELECTRIC/TELECOM/GAS

PROPOSED GAS, ELECTRIC, CABLE AND DATA UTILITIES ARE SHOWN SCHEMATICALLY AND ARE PROPOSED TO BE UNDERGROUND. OWNER & CONTRACTOR TO COORDINATE FINAL DESIGN WITH APPROPRIATE UTILITY COMPANIES. ALL WORK TO BE IN ACCORDANCE WITH EACH UTILITY COMPANY'S STANDARDS AND DETAILS AS WELL AS LOCAL AND FEDERAL REGULATIONS. THIS INCLUDES BUT IS NOT LIMITED TO, POLES, TRANSFORMERS, PULL BOXES, CONCRETE PADS, CONCRETE ENCASEMENTS AND CONDUITS. CONNECTION POINTS FOR ELECTRIC AND TELECOM UTILITIES, AT THE EXISTING INFRASTRUCTURE, ARE CURRENTLY SHOWN AS UNDERGROUND UTILITIES. THESE UTILITIES MAY BE UNDERGROUND OR OVERHEAD AND WILL BE COORDINATED WITH NATIONAL GRID PRIOR TO CONSTRUCTION.

SITE LIGHTING

SITE LIGHTING (TEMPORARY AND PERMANENT) MUST BE DIRECTED AWAY FROM AND SHIELDED FROM ENVIRONMENTALLY SENSITIVE AREAS AND ABUTTING LANDS. EXACT LOCATIONS OF LIGHT POLE TO BE COORDINATED WITH OTHER UTILITIES AND TO BE LOCATED WITHIN THE PARKING LOT. FINAL LIGHTING AND CONDUIT LOCATIONS BY OTHERS.

Abbreviations Legend

| ADA | AMERICANS WITH DISABILITY ACT | OHW | OVERHEAD WIRE |
|-------|----------------------------------|-------|-------------------------|
| AHJ | AUTHORITY HAVING JURISDICTION | PE | POLYETHYLENE |
| AP | ASSESSOR'S PLAT | P | PROPERTY LINE |
| ВС | BOTTOM OF CURB | PR | PROPOSED |
| ВТ | BOTTOM OF TESTHOLE | PVC | POLYVINYL CHLORIDE |
| BIT | BITUMINOUS (BERM) | R | RADIUS |
| BIO | BIORETENTION | R&D | REMOVE AND DISPOSE |
| BS | BASEMENT SLAB ELEVATION | RCP | REINFORCED CONCRETE PI |
| BW | FINISHED GRADE AT BOTTOM OF WALL | RIHB | RHODE ISLAND |
| СВ | CATCH BASIN | | HIGHWAY BOUND |
| (C) | CALCULATED | RL | ROOF LEADER |
| Q. | CENTERLINE | ROW | RIGHT OF WAY |
| (CA) | CHORD ANGLE | S | SLOPE |
| CLDIP | CONCRETE LINED DUCTILE IRON PIPE | SD | SUBDRAIN |
| CO | CLEAN OUT | SED | SEDIMENT FOREBAY |
| CONC | CONCRETE | SF | SQUARE FOOT |
| (D) | DEED | SFL | STATE FREEWAY LINE |
| DCB | DOUBLE CATCH BASIN | SFM | SEWER FORCE MAIN |
| DI | DROP INLET | SG | SLAB ON GRADE ELEVATION |
| DMH | DRAINAGE MANHOLE | SHL | STATE HIGHWAY LINE |
| DP | DETENTION POND | SMH | SEWER MANHOLE |
| ELEV | ELEVATION | SNDF | SAND FILTER |
| EOP | EDGE OF PAVEMENT | SS | SIDE SLOPE |
| ESC | EROSION AND SEDIMENT CONTROL | STA | STATION |
| EX | EXISTING | TC | TOP OF CURB |
| FES | FLARED END SECTION | TD | TRENCH DRAIN |
| FFE | FINISH FLOOR ELEVATION | TF | TOP OF FOUNDATION |
| GS | GARAGE SLAB ELEVATION | TRANS | TRANSITION |
| GWT | GROUND WATER TABLE | TW | TOP OF WALL (FINISHED |
| HW | HEADWALL | | GRADE AT TOP OF WALL) |
| HC | HIGH CAPACITY CATCH BASIN GRATE | TYP | TYPICAL |
| HDPE | HIGH DENSITY POLYETHYLENE | UDS | UNDERGROUND |
| ID | INLINE DRAIN | | DETENTION SYSTEM |
| INV | INVERT | UIS | UNDERGROUND |
| IP | INFILTRATION POND | | INFILTRATION SYSTEM |
| LF | LINEAR FEET | UP | UTILITY POLE |
| LOD | LIMIT OF DISTURBANCE | WO | WALKOUT ELEVATION |
| LP | LIGHT POLE | WQ | WATER QUALITY |
| (M) | MEASURED | | |
| | | | |

Site Callouts Legend

N/F NOW OR FORMERLY

- (7.3.0) RIDOT STD GRANITE CURB
- (7.3.1) RIDOT STD 3' GRANITE TRANSITION CURB

- (4DY) 4" EPOXY RESIN PAVEMENT MARKINGS- DOUBLE YELLOW
- (4W45) 4" WHITE STRIPING 2' ON CENTER AT 45°

- ADA SPACE PAVEMENT MARKINGS MUST COMPLY WITH

PROPERTY LINE

(AS SHOWN ON PROPOSED PLANS)

| | ASSESSORS LINE | 0 /® | DRILL HOLE FOUND/SET |
|--|------------------------|-------------|-----------------------|
| | BUILDING | 0/0 | |
| | DOILDING | | BOUND FOUND/SET |
| ······································ | BRUSHLINE | | SIGN |
| · · · · · · · · · · · · · · · · · · · | TREELINE | • | BOLLARD |
| | GUARDRAIL | SEV • | SOIL EVALUATION |
| X ———— X ————————————————————————————— | FENCE | © СВ | CATCH BASIN |
| | RETAINING WALL | © DCB | DOUBLE CATCH BASIN |
| OOOOOOOOOOOOOO | STONE WALL | DMH | DRAINAGE MANHOLE |
| | MINOR CONTOUR LINE | A FES | FLARED END SECTION |
| — — — 10 — — — — | MAJOR CONTOUR LINE | -0 | GUY POLE |
| | WATER LINE | © ЕМН | ELECTRIC MANHOLE |
| s | SEWER LINE | ₩ UP | UTILITY/POWER POLE |
| SFM | SEWER FORCE MAIN | | LIGHTPOST |
| | GAS LINE | S SMH | SEWER/SEPTIC MANHOLE |
| | ELECTRIC LINE | SV | SEWER VALVE |
| | OVERHEAD WIRES | • | CLEANOUT |
| —————————————————————————————————————— | DRAINAGE LINE | X | HYDRANT |
| CaD | SOILS LINES | 8 | IRRIGATION VALVE |
| | 50' PERIMETER WETLAND | WV | WATER VALVE |
| | 100' RIVERBANK WETLAND | @ | WELL |
| | 200' RIVERBANK WETLAND | | MONITORING WELL |
| ZONE X | FEMA BOUNDARY | | UNKNOWN MANHOLE |
| ZONE X | TEMA BOONDANT | GV | GAS VALVE |
| | STREAM | � | BENCH MARK |
| № B1 | WETLAND LINE & FLAG | ─/→ | STREAM FLOW DIRECTION |
| | STATE HIGHWAY LINE | | |
| | STATE FREEWAY LINE | | |
| | STATE FREEWAT LINE | | |

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NAIL FOUND/SET

- (7.5.1) RIDOT STD BITUMINOUS ASPHALT BERM
- (7.3.8) RIDOT STD GRANITE APRON STONE
- (20.1.0) PAVEMENT MARKINGS ARROWS AND ONLY
- (4W) 4" PAINTED WHITE MARKINGS
- (6WS) 6" WHITE EPOXY RESIN PAVEMENT MARKINGS-SKIP PATTERN
- (6W) 6" WHITE EPOXY RESIN PAVEMENT MARKINGS
- 12W) STOP LINE (REFERENCE MUTCD SECTION 3B.16)
- VAN ADA SPACE PAVEMENT MARKINGS MUST COMPLY WITH

RETAINING WALL

ALL ADA AND MUTCD REGULATIONS AND REQUIREMENTS.

ALL ADA AND MUTCD REGULATIONS AND REQUIREMENTS.

YL) YIELD LINE (REFERENCE MUTCD SECTION 3B.16)

BUILDING SETBACKS CHAINLINK FENCE MINOR CONTOUR LINE MAJOR CONTOUR LINE SPOT ELEVATION EDGE OF PAVEMENT

BITUMINOUS BERM CONCRETE CURB (RIDOT STD 7.1.0)

HEAVY DUTY CONCRETE

CONCRETE

BUILDING FOOTPRINT

(ADAR) ADA CURB RAMP MUST COMPLY WITH ALL ADA REGULATIONS AND REQUIREMENTS.

CROSSWALK PAVEMENT MARKINGS. SOLID 2' WHITE LINES

NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS PROPERTY LINE

SPACED 4' OC (REFERENCE MUTCD SECTION 3B.18)

Existing Legend

NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS

Proposed Legend

ASPHALT PAVEMENT

ASPHALT PAVEMENT

ASPHALT SIDEWALK SAWCUT LINE SIGN (RIDOT STD 24.6.2

AS APPLICABLE) SINGLE LIGHT DOUBLE LIGHT

> OVERHANGING LIGHT ACCESSIBLE PARKING

> > SPACE SYMBOLS

BUILDING INGRESS/EGRESS

PERFORATED SUBDRAIN $-- \rightarrow -- \rightarrow -- \rightarrow -- \rightarrow -$ SWALE SEWER FORCE MAIN GAS LINE WATER LINE ***** HYDRANT ASSEMBLY WATER SHUT OFF WATER VALVE \longrightarrow 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 (2:1 OR 1:1 SLOPES)

> UNDERGROUND INFILTRATION OUTLINE POND ACCESS

SAND FILTER

BIO RETENTION CATCH BASIN DOUBLE CATCH BASIN

MANHOLE

HEADWALL

7 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

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Holdings, ਾ ਹੈ ਹੈ

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Utility Note:

ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN WERE PROVIDED BY OTHERS AND ARE APPROXIMATE ONLY. LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE EXCAVATION, BLASTING, UTILITY INSTALLATION, BACKFILLING, GRADING, PAVEMENT RESTORATION, AND ALL OTHER SITE WORK. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THESE DOCUMENTS. CONTACT DIG SAFE A MINIMUM OF 72 WORKING HOURS PRIOR TO ANY CONSTRUCTION AT 811. DIG SAFE IS RESPONSIBLE FOR CONTRACTING 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.

EXCAVATION. THE USE OF PROFESSIONAL UTILITY LOCATING COMPANIES PRIOR TO ANY EXCAVATION IS RECOMMENDED.

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

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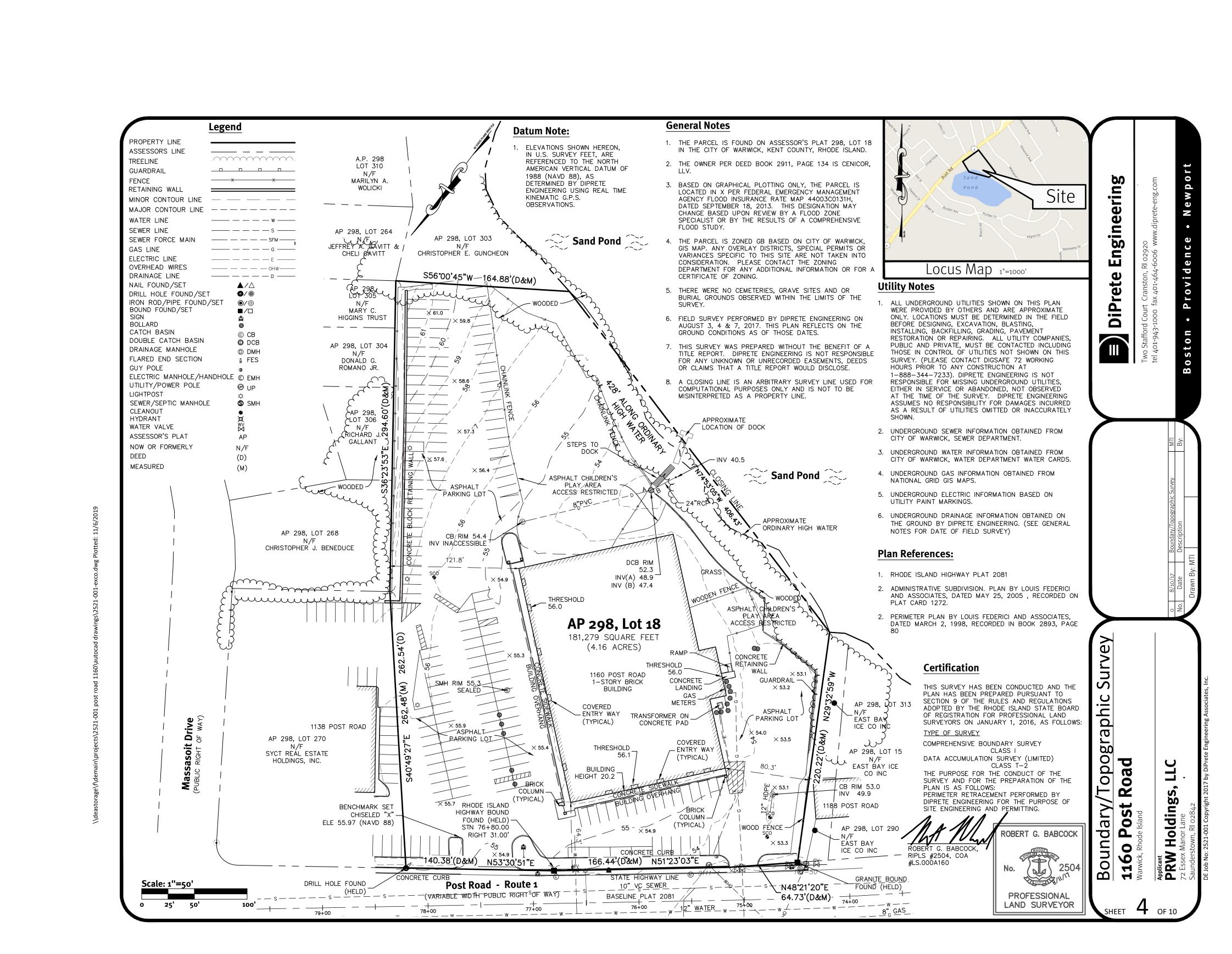
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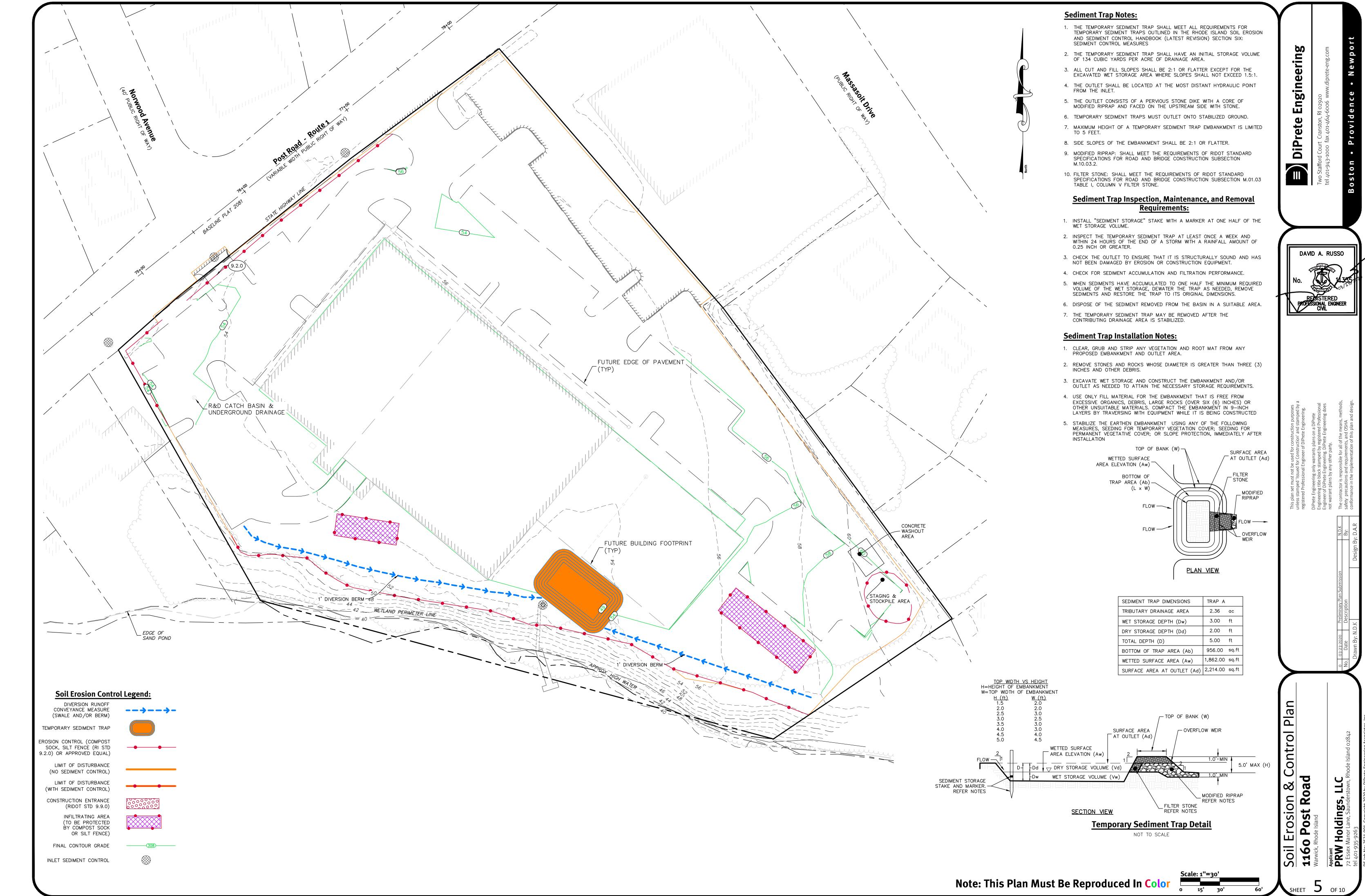
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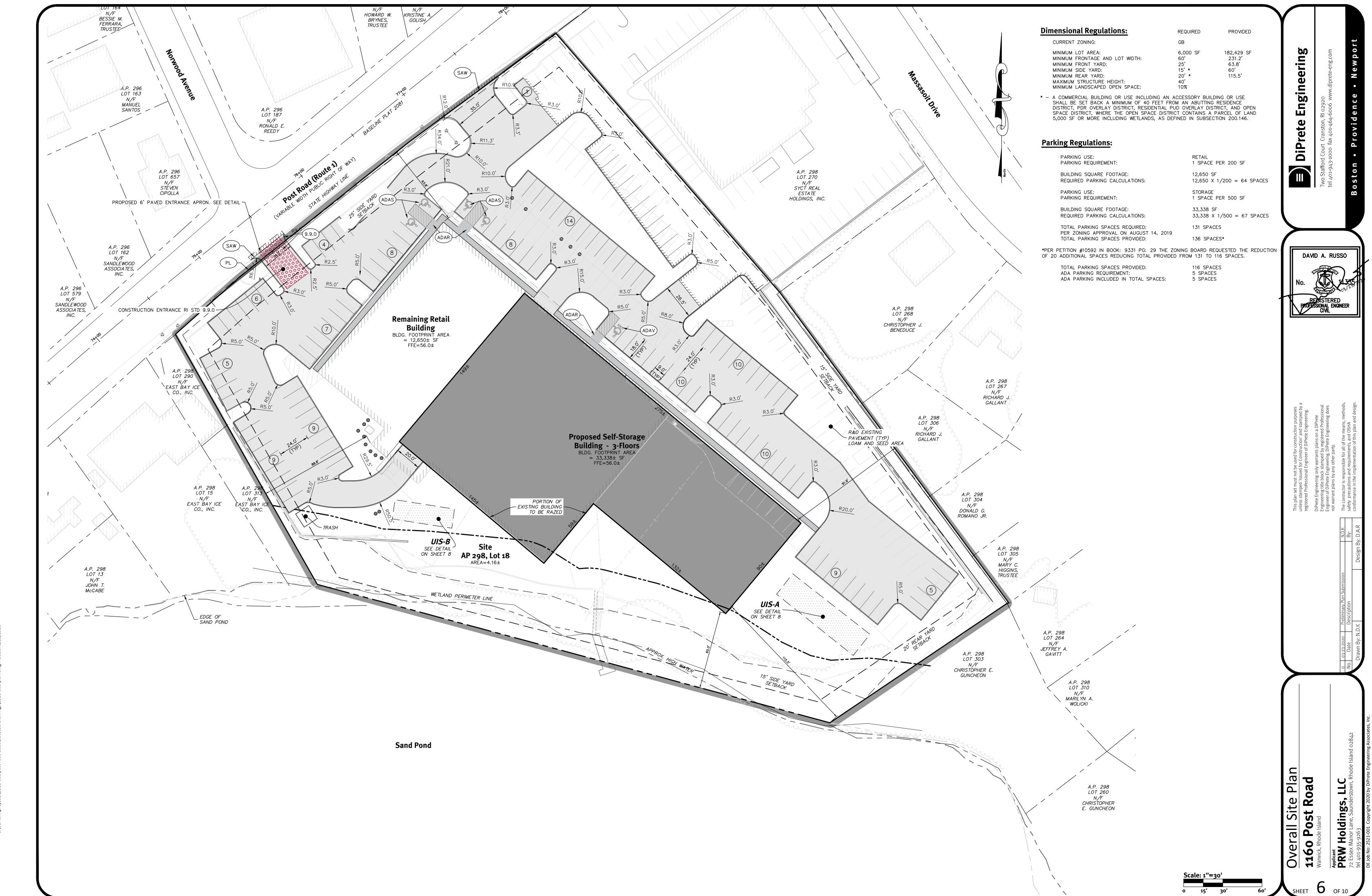
DAVID A. RUSSO

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