

RIDOT/RIDEM Submission

Seasons Corner Market

34 Hartford Avenue
Scituate, Rhode Island 02857

Assessor's Plat 38 Lot 75



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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.

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

Property Owner
Bee Cat Properties, LLC
116 Danielson Pike
N. Scituate, RI 02857

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED APR 1 2019 FILE # 19-0039
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

John A. [Signature]

Diprete Engineering
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Boston · Providence · Newport

BRIAN C. GIROUX
MAR 22 2019
0341
REGISTERED PROFESSIONAL ENGINEER CIVIL

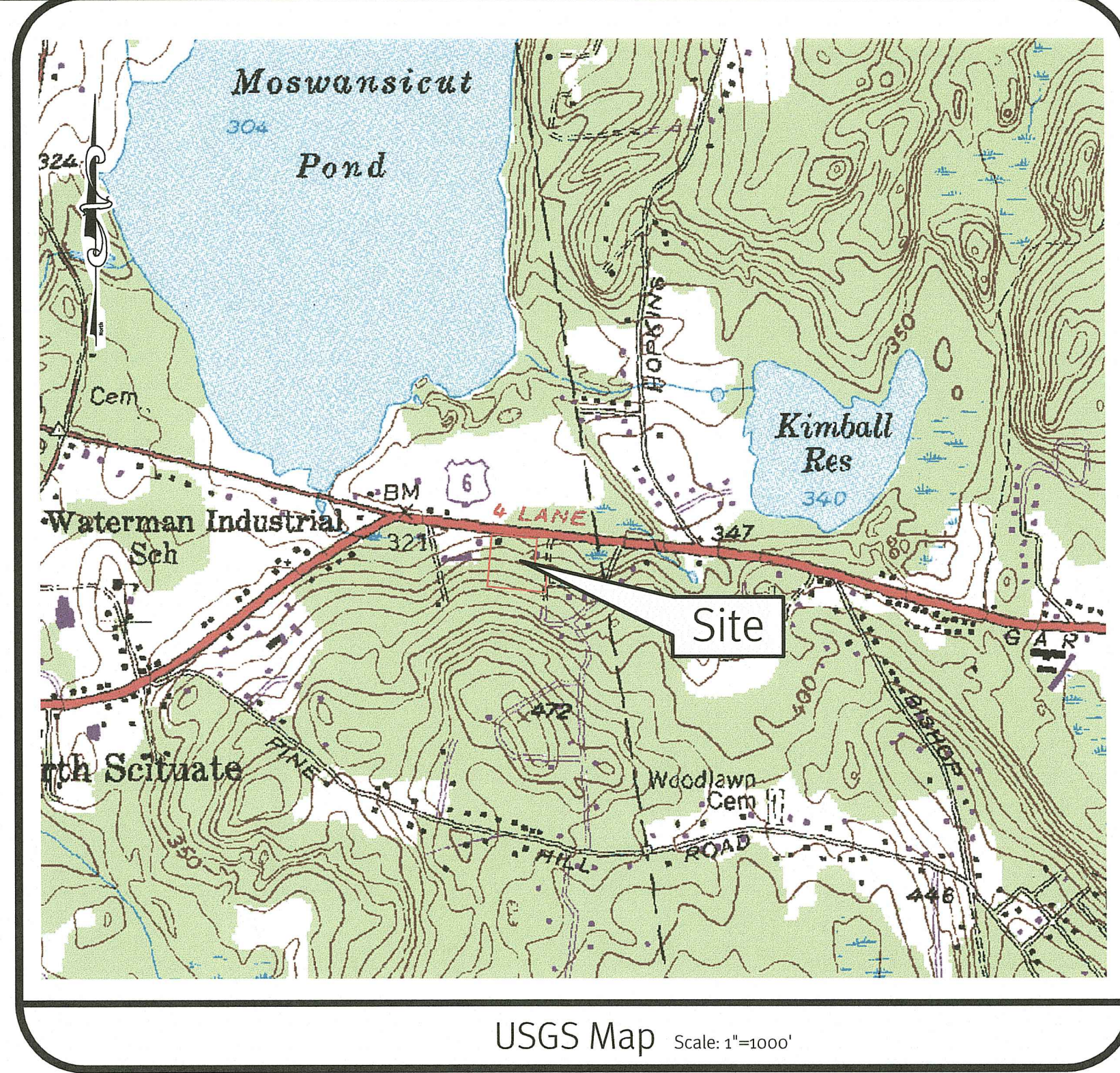
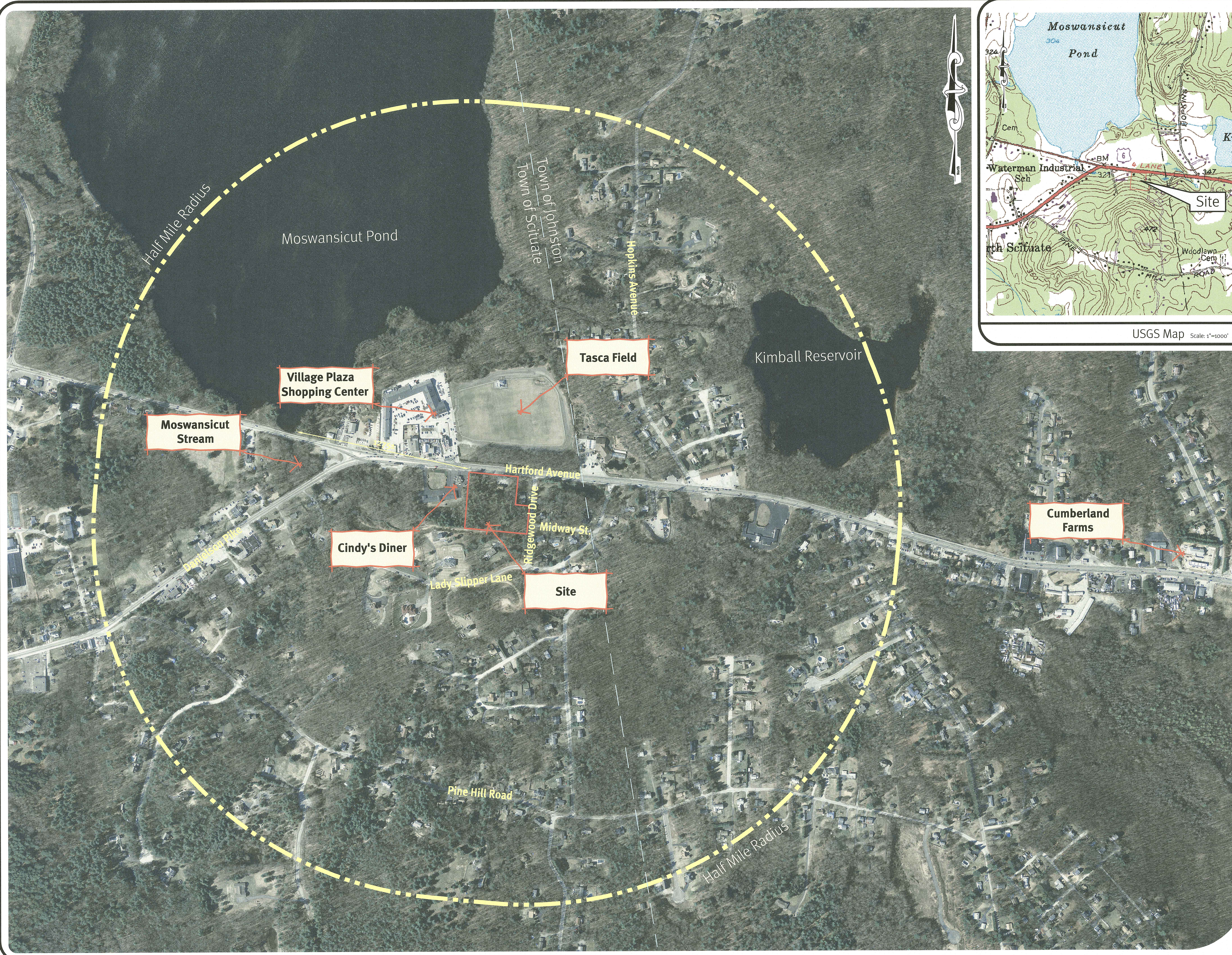
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No.	Date	Description	Drawn By: P.A.A.	Design By: P.A.A.
1	3/22/2019	Initial Response to Comments		
2	3/22/2019	Final Response to Comments		
3	3/22/2019	Final Response to Comments		
4	3/22/2019	Final Response to Comments		
5	3/22/2019	Final Response to Comments		
6	3/22/2019	Final Response to Comments		
7	3/22/2019	Final Response to Comments		
8	3/22/2019	Final Response to Comments		
9	3/22/2019	Final Response to Comments		
10	3/22/2019	Final Response to Comments		

Cover Sheet
Seasons Corner Market
Assessor's Plat 38 Lot 75
Scituate, Rhode Island
Prepared by
Colbea Enterprises, LLC
7 Starline Way Cranston, Rhode Island 02921
tel 401-990-2209

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z:\main\projects\0931-001_hartford_avenue_seasonal\autocad drawings\0931-001-corr.dwg Plotted: 3/22/2019



USGS Map Scale: 1"=1000'

Environmental Management
MAR 2 2 2019
Office of Water Resources

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROXIMITY
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED APR 1 2019 FILE # 19-00339
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT FULL PRODUCTION SITE

John A. Hart

Photo Obtained from RIGIS.
Scale: 1"=300'
0 0.5' 1.0' 2.0'

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No.	Date	Description	By:
6	3/20/2019	BIDDER RESPONSE TO COMMENTS	By: P.A.A.
5	2/19/2019	REVISIONS TO SUBMITTALS	By: P.A.A.
4	1/24/2019	REVISIONS TO SUBMITTALS	By: P.A.A.
3	1/24/2019	ZONING BOARD OF REVIEW SUBMISSION	By: P.A.A.
2	1/24/2019	PROFESSIONAL PLAN SUBMISSION	By: P.A.A.
1	1/24/2019	PROFESSIONAL PLAN SUBMISSION	By: P.A.A.

Aerial & USGS Map
Seasons Corner Market
Assessor's Plat 38 Lot 75
Scituate, Rhode Island
Prepared for
Colbea Enterprises, LLC
7 Starline Way Cranston, Rhode Island 02921
tel. 401-490-2299

DESIGNED BY: P.A.A. DRAWN BY: P.A.A.
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General Notes:

- 1. THE SITE IS LOCATED ON THE TOWN OF SCITUATE ASSESSOR'S PLAT 38 LOT 75.
2. THE SITE IS APPROXIMATELY 3.65± ACRES AND IS ZONED GENERAL BUSINESS (BG).
3. THE OWNER OF AP 38 LOT 75 IS: BEE CAT PROPERTIES LLC 116 DANIELSON PIKE NORTH SCITUATE, RI 02857
4. THIS SITE IS LOCATED IN FEMA FLOOD ZONES X. REFERENCE FEMA FLOOD INSURANCE RATE MAP 44007C02806, MAP REVISED MARCH 2, 2009. (FLOOD PLAN DESCRIPTIONS SHOWN BELOW)
ZONE X (UNSHADED) - THIS SITE IS LOCATED IN FEMA FLOOD ZONE X. ZONE X ARE AREAS WHERE THERE IS MINIMAL FLOODING.
5. THE BOUNDARY LINE AS SHOWN ON THIS PLAN DEPICTS A CLASS I SURVEY AS PERFORMED BY DIPRETE ENGINEERING ASSOCIATES, INC. THE PLAN ITSELF CONFORMS ONLY TO A CLASS III STANDARD AS ADOPTED BY RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS. THIS PLAN IS NOT TO BE CONSTRUED AS A CLASS I BOUNDARY PLAN AND IS NOT SUITABLE FOR RECORDING AS A CLASS I STANDARD.
6. THE SITE IS NOT WITHIN A: GROUNDWATER PROTECTION AREA (RIDEM) NATURAL HERITAGE AREAS (RIDEM) GROUNDWATER PROTECTION OVERLAY DISTRICT (TOWN)
THE SITE IS WITHIN A: DRINKING WATER SUPPLY WATERSHED CRITICAL RESOURCE AREA (RIDEM)
7. 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
OPERATION AND MAINTENANCE PLAN (O&M). THE O&M CONTAINS:
LONG TERM MAINTENANCE
LONG TERM POLLUTION PREVENTION
8. 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.
9. THE SITE IS TO BE SERVICED BY PUBLIC WELL AND PRIVATE OWTS.
10. THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE TOWN OF SCITUATE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WITH THE USE OF CATCH BASINS, GRASS SWALES AND UNDERGROUND STORMWATER TREATMENT SYSTEMS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
11. SOIL EVALUATIONS WERE COMPLETED BY DIPRETE ENGINEERING ON 3/3/2003 & 9/27/2018.
12. 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: USDA NATURAL RESOURCES CONSERVATION SERVICE)
SOIL_NAME DESCRIPTION

Table with 2 columns: Soil Name, Description. Rows include ChC (CANTON AND CHARLTON VERY STONY FINE SANDY LOAMS, 8 TO 15 PERCENT SLOPES) and ChD (CANTON AND CHARLTON VERY STONY FINE SANDY LOAMS, 15 TO 25 PERCENT SLOPES).

Americans with Disabilities Act Notes:

- 1. ALL IMPROVEMENTS MUST COMPLY WITH THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG)" BY THE DEPARTMENT OF JUSTICE (CURRENT EDITION).
2. 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).
3. 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.
4. 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.
5. 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.
6. 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.
7. 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:

- 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 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.
2. ALL EROSION CONTROL, TEMPORARY SWALES AND 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).
3. 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.
4. ONCE THE SEDIMENT TRAPS ARE NO LONGER REQUIRED AND ALL TRIBUTARY AREAS HAVE BEEN STABILIZED, SEDIMENT TRAP IS TO BE CLEANED AND BROUGHT TO FINAL DESIGN GRADES.
5. INLET PROTECTION IS TO BE INSTALLED ON ALL CATCH BASINS ONCE CONSTRUCTED & ANY EXISTING STRUCTURES TRIBUTARY TO THE SITE.
6. FOR SEQUENCE OF CONSTRUCTION, PROJECT PHASING AND CONSTRUCTION PHASING SEE SESC PLAN.
7. CONTRACTOR MAY MODIFY SEQUENCE OF CONSTRUCTION WITH APPROVAL FROM DESIGN ENGINEER AND OWNER.
8. IF CONCRETE TRUCKS ARE WASHED OUT ON SITE, ALL WASHOUT MUST BE COMPLETED IN THE DESIGNATED CONCRETE WASHOUT AREA.

Demolition Notes:

- 1. ALL EXISTING UTILITIES SHOWN ARE FROM VISIBLE INFORMATION, PLANS OF RECORD, DRAWINGS FROM OTHERS, OR INFORMATION PROVIDED TO DIPRETE ENGINEERING AND ARE SUBJECT TO CHANGE. THE LOCATIONS OF UNDERGROUND PIPES AND CONDUITS HAVE BEEN DETERMINED FROM AFOREMENTIONED SOURCES AND ARE APPROXIMATE ONLY. PRIOR TO CONSTRUCTION, THE PROPER UTILITY ENGINEERING DEPARTMENTS MUST BE CONTACTED AND THE ACTUAL LOCATION OF SUBSURFACE STRUCTURES MUST BE DETERMINED IN THE FIELD BY THE CONTRACTOR. CALL THE DIG SAFE CENTER TOLL FREE AT 1-888-344-7233 PRIOR TO EXCAVATION. NOTIFY DESIGN ENGINEER OF ANY DISCREPANCIES PRIOR TO EXCAVATION. ANY DAMAGE TO UTILITIES WHICH ARE SHOWN ON THE PLANS OR DETAILED BY DIG SAFE ARE THE SITE CONTRACTORS RESPONSIBILITY.
2. CONTRACTOR TO OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
3. CONTRACTOR TO PERFORM DAILY SWEEPING AT CONSTRUCTION ENTRANCE DURING DEMOLITION AND CONSTRUCTION TO MINIMIZE SEDIMENTS ON EXTERNAL STREETS.
4. 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.
5. 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 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. PUBLIC TREES THAT ARE REMOVED OR DAMAGED DURING CONSTRUCTION MUST BE REPLACED WITH EQUIVALENT.

Traffic Notes:

- 1. ALL TRAFFIC CONTROL MUST CONFORM TO THE MUTCD CONTROL DEVICES CURRENT EDITION.
2. DURING CONSTRUCTION, TRAFFIC CONES ARE TO 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 MANUAL ON UNIFORM TRAFFIC CONTROL (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.

RIDOT Notes:

- 1. ALL WORK TO BE DONE WITHIN THE STATE RIGHT OF WAY MUST CONFORM TO RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AMENDED AUGUST 2013 WITH ALL REVISIONS AND ADDENDA. STANDARD DETAILS FOR THIS WORK ARE RI STANDARD DETAILS 1998 EDITIONS WITH ALL REVISIONS.
2. ALL TRAFFIC CONTROL MUST CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, INCLUDING ALL REVISIONS.
3. SEWER AND WATER CONNECTIONS WITHIN THE STATE RIGHT OF WAY WILL REQUIRE A SEPARATE RIDOT UTILITY PERMIT. CONTRACTOR TO OBTAIN BEFORE CONSTRUCTION.
4. THE DRAINAGE SYSTEM IS DESIGNED TO DECREASE STORMWATER RUNOFF RATE DISCHARGE TO THE STATE RIGHT OF WAY FROM PRE-DEVELOPMENT TO POST-DEVELOPMENT.

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. CURBING TO BE PRECAST CONCRETE OR AS LABELED ON THE PLANS.
3. SIDEWALK TO BE CONCRETE OR AS LABELED ON THE PLANS.
4. 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.
5. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STARWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.
6. 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 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.

Grading and Utility Notes:

- 1. CONSTRUCTION TO COMMENCE SUMMER 2019 OR UPON RECEIPT OF ALL NECESSARY APPROVALS.
2. ALL WORK PERFORMED HEREIN IS TO BE GOVERNED BY CURRENT EDITIONS OF THE RHODE ISLAND STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, TOWN OF SCITUATE 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.
3. 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.
4. 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.
5. 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.
6. ALL PROPOSED UNDERGROUND UTILITIES SERVING THE SITE AND BUILDINGS TO BE COORDINATED WITH OWNER, ARCHITECT, AND ENGINEER PRIOR TO INSTALLATION.
7. 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.
8. 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.
9. NO STOCKPIILING OF MATERIAL TO BE LOCATED IN THE RIGHT OF WAY AND NO OPEN TRENCHES ARE TO BE LEFT OVERNIGHT.
10. ALL LOAM IN DISTURBED AREAS TO BE STOCKPILED FOR FUTURE USE.
11. 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.
12. NO STUMP DUMPS ARE PROPOSED ON SITE.

DRAINAGE

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. ALL STORMWATER PIPE WITHIN THE STATE'S RIGHT OF WAY TO BE REINFORCED CONCRETE PIPE (RCP) PIPE.

DRAINAGE STRUCTURES TO BE AS FOLLOWS (UNLESS OTHERWISE NOTED ON PLANS):

- CATCH BASINS TO BE RIDOT STD. 4.4.0, 4" DIAMETER 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
APRON STONE, WHERE REQUIRED, TO BE RIDOT STD 7.1.7 OR 7.1.8

ALL DRAINAGE STRUCTURES MUST BE WATERTIGHT, INCLUDING (BUT NOT LIMITED TO) BOOTS CAST INTO STRUCTURE WALLS AT PIPE OPENINGS.

ALL DRAINAGE PIPES DESIGNATED "HDPE-S" MUST BE ADS SANITITE. ALTERNATIVES MAY BE SUBMITTED TO THE DESIGN ENGINEER FOR APPROVAL.

THE PROPOSED BUILDING, PAVEMENT AREAS, STEEP EMBANKMENTS AND BMP SYSTEM ARE TO BE UNDERLAIN BY AN INDEPENDENT SUBDRAIN/ SLOPE DRAIN SYSTEM TO INTERCEPT GROUNDWATER AND DISCHARGE VIA GRAVITY DIRECTLY TO A MANHOLE DOWNSTREAM OF THE BMP SYSTEM. SLOPE DRAIN/ UNDERDRAIN SYSTEM DESIGN BY OTHERS.

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 THE INTO MAIN TRUNK LINE TO BE FIELD FIT BY CONTRACTOR.

SANITARY SEWER

ALL SANITARY SEWER PIPING TO BE SDR 35 UNLESS NOTED OTHERWISE ON THE PLANS OR IN THE SPECIFICATIONS. ALL SEWER IMPROVEMENTS MUST COMPLY WITH THE SCITUATE PUBLIC WORKS 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.

WATER

THE PROPOSED SITE IS TO BE SERVICED BY PUBLIC WELL.

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 STREET RIGHTS OF WAY. FINAL LIGHTING AND CONDUIT LOCATIONS BY OTHERS.

Abbreviations Legend

Table listing abbreviations and their meanings: ADA AMERICANS WITH DISABILITY ACT, AP ASSESSOR'S PLAT, BC BOTTOM OF CURB, BT BOTTOM OF TESTHOLE, BIT BITUMINOUS (BERM), BIO BIORETENTION, BS BASEMENT SLAB ELEVATION, BW FINISHED GRADE AT BOTTOM OF WALL, CB CATCH BASIN, (C) CALCULATED, CL CENTERLINE, (CA) CHORD ANGLE, CLDIP CONCRETE LINED DUCTILE IRON PIPE, CO CLEAN OUT, CONC CONCRETE, (D) DEED, DCB DOUBLE CATCH BASIN, DI DRAIN 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, GWT GROUND WATER TABLE, HW HEADWALL, HC HIGH CAPACITY CATCH BASIN GRATE, HDPE HIGH DENSITY POLYETHYLENE, ID INLINE DRAIN, INV INVERT, IP INFILTRATION POND, LF LINEAR FEET, LOD LIMIT OF DISTURBANCE, LP LIGHT POLE, (M) MEASURED, N/F NOW OR FORMERLY, OHW OVERHEAD WIRE, PE POLYETHYLENE, PL PROPERTY LINE, PR PROPOSED, PVC POLYVINYL CHLORIDE, R RADIUS, R&D REMOVE AND DISPOSE, RCP REINFORCED CONCRETE PIPE, RHIB RHODE ISLAND HIGHWAY BOUND, 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), TY TYPICAL, UDS UNDERGROUND DETENTION SYSTEM, UIS UNDERGROUND INFILTRATION SYSTEM, UP UTILITY POLE, WO WALKOUT ELEVATION, WQ WATER QUALITY

Existing Legend (AS SHOWN ON PROPOSED PLANS)

NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS

Table listing existing legend symbols and descriptions: PROPERTY LINE, ASSESSORS LINE, BUILDING, BRUSHLINE, 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, SOILS LINES, 50' PERIMETER WETLAND, 100' RIVERBANK WETLAND, 200' RIVERBANK WETLAND, FEMA BOUNDARY, STREAM, WETLAND LINE & FLAG, STATE HIGHWAY LINE, STATE FREEWAY LINE, 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, CLEANOUT, HYDRANT, IRRIGATION VALVE, WATER VALVE, WELL, MONITORING WELL, UNKNOWN MANHOLE, GAS VALVE, BENCH MARK, STREAM FLOW DIRECTION

Proposed Legend

NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS

Table listing proposed legend symbols and descriptions: PROPERTY LINE, BUILDING SETBACKS, CHAINLINK FENCE, GUARDRAIL (RIDOT STD 34.2.0, 34.4.0 OR APPROVED EQUAL), RETAINING WALL, MINOR CONTOUR LINE, MAJOR CONTOUR LINE, SPOT ELEVATION, EDGE OF PAVEMENT, BITUMINOUS BERM (RIDOT STD 7.5.1), CONCRETE CURB (MONOLITHIC), CONCRETE CURB (RIDOT STD 7.1.0), BUILDING FOOTPRINT, BUILDING OVERHANG, ASPHALT PAVEMENT, HEAVY DUTY ASPHALT PAVEMENT, HEAVY DUTY CONCRETE, CONCRETE SIDEWALK, 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, 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, 2:1 SLOPES, UNDERGROUND INFILTRATION OUTLINE, POND ACCESS, RIP RAP, SAND FILTER, BIO RETENTION, CATCH BASIN, DOUBLE CATCH BASIN, MANHOLE, FLARED END SECTION, HEAD WALL

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF WATER RESOURCES FRESHWATER WETLANDS PROGRAM APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL DATED APR 1 2019 FILE # 19-0039 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Handwritten signature: John A. [unclear]

Environmental Management MAR 22 2019 Office of Water Resources

DiPrete Engineering logo and contact information: Two Stafford Court, Cranston, RI 02920, tel 401-943-1000, fax 401-664-6006, www.diprete-eng.com

BRIAN C. GIROUX REGISTERED PROFESSIONAL ENGINEER CIVIL, with professional seal and signature.

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

Table with 4 columns: No., Date, Description, By: (listing various project dates and personnel).

General Notes & Legend Seasons Corner Market prepared for Colbae Enterprises, LLC, 7-Statline Way Cranston, Rhode Island 02921, DE Job No: 0931-001, Copyright 2019 by DiPrete Engineering Associates, Inc.

Zoning Notes

1. THE PARCEL IS ZONED B6 PER THE TOWN OF SCITUATE'S GIS MAP
2. NO ZONING REPORT PROVIDED FOR REVIEW

Utility Notes

1. ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN WERE PROVIDED BY OTHERS AND ARE APPROXIMATE ONLY. LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATION, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS SURVEY. (PLEASE CONTACT DIGSAFE 72 WORKING HOURS PRIOR TO ANY CONSTRUCTION AT 1-888-344-7233). DIPRETE ENGINEERING IS NOT RESPONSIBLE FOR MISSING UNDERGROUND UTILITIES, EITHER IN SERVICE OR ABANDONED, NOT OBSERVED AT THE TIME OF THE SURVEY. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN.

List of Possible Encroachments:

- CHAIN LINK FENCE OVER PROPERTY LINE.
- ASPHALT PAVEMENT OVER PROPERTY LINE

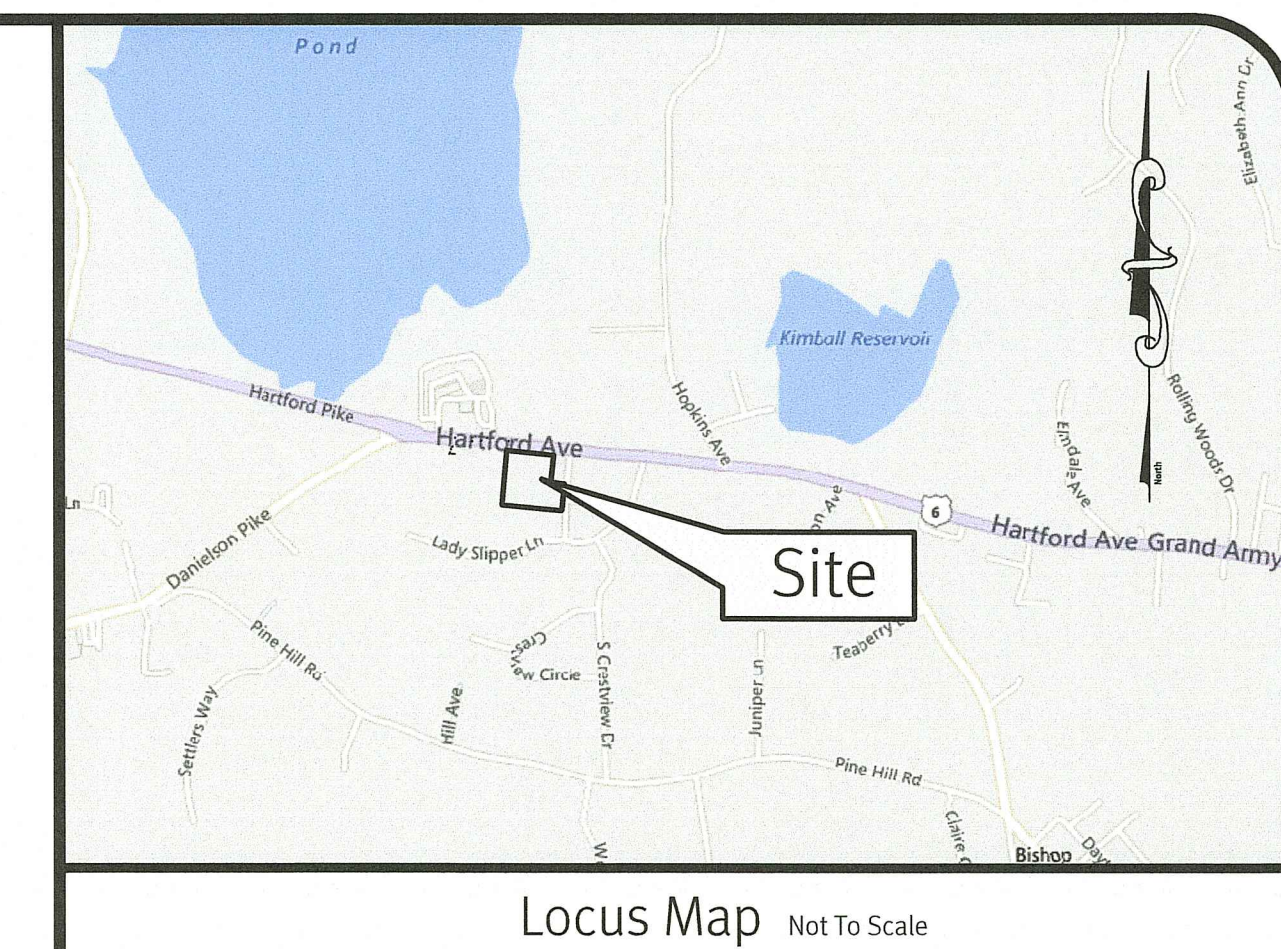
Datum Note:

1. 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.

Legend

NOT ALL ITEMS SHOWN WILL APPEAR ON THE SURVEY

SYMBOL	DESCRIPTION
AP	ASSESSOR'S PLAT
N/F	NOW OR FORMERLY
(D)	DEED
(M)	MEASURED
(CA)	CHORD ANGLE
HC	HANDICAPPED
---	PROPERTY LINE
---	ASSESSORS LINE
---	TREELINE
---	GUARDRAIL
---	FENCE
---	RETAINING WALL
---	STONE WALL
-2-	MINOR CONTOUR LINE
-10-	MAJOR CONTOUR LINE
---	WATER LINE
---	SEWER LINE
---	SEWER FORCE MAIN
---	GAS LINE
---	ELECTRIC LINE
---	OVERHEAD WIRES
---	DRAINAGE LINE
▲/△	NAIL FOUND/SET
●/◎	DRILL HOLE FOUND/SET
○/⊙	IRON ROD/PIPE FOUND/SET
■/□	BOUND FOUND/SET
▲	SIGN
●	BOLLARD
◎	SOIL EVALUATION
◎	CATCH BASIN
◎	DOUBLE CATCH BASIN
◎	DRAINAGE MANHOLE
◎	FLARED END SECTION
◎	GUY POLE
◎	ELECTRIC MANHOLE/HANDHOLE
◎	UTILITY/POWER POLE
◎	LIGHTPOST
◎	SEWER/SEPTIC MANHOLE
◎	SEWER VALVE
◎	CLEANOUT
◎	HYDRANT
◎	IRRIGATION VALVE
◎	WATER VALVE
◎	WELL
◎	MONITORING WELL
◎	UNKNOWN MANHOLE
◎	GAS VALVE
▲	WETLAND FLAG
◎	BENCH MARK
◎	SHRUB
◎	TREE



Locus Map Not To Scale

General Notes

1. THE PARCEL IS FOUND ON ASSESSOR'S PLAT 38, LOT 75 IN THE TOWN OF SCITUATE, PROVIDENCE COUNTY, RHODE ISLAND.
2. THE OWNER PER DEED BOOK 681, PAGE 301 IS BEE CAT PROPERTIES LLC.
3. BASED ON GRAPHICAL PLOTTING ONLY, THE PARCEL IS LOCATED IN X PER FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP 44007C0280G, DATED MARCH 2, 2009. THIS DESIGNATION MAY CHANGE UPON REVIEW BY A FLOOD ZONE SPECIALIST OR BY THE RESULTS OF A COMPREHENSIVE FLOOD STUDY.
4. THERE WERE NO CEMETERIES, GRAVE SITES AND OR BURIAL GROUNDS OBSERVED WITHIN THE LIMITS OF THE SURVEY.
5. FIELD SURVEY PERFORMED BY DIPRETE ENGINEERING ON JUNE 5-7, 2018. THIS PLAN REFLECTS ON THE GROUND CONDITIONS AS OF THAT DATE.

ALTA/NSPS Land Title Survey Notes

1. THE ADDRESS OF PARCEL IS 34 HARTFORD AVENUE.
2. THERE WERE NO STRIPED PARKING SPACES OBSERVED AT THE TIME OF THE FIELD SURVEY.
3. THE PARCEL HAS DIRECT ACCESS TO HARTFORD AVENUE & RIDGEWOOD DRIVE, BOTH PUBLIC RIGHT OF WAYS.
4. THERE ARE NO DIVIDING/PARTY WALLS LOCATED ALONG BOUNDARY OF THE PARCEL.
5. THERE WAS NO OBSERVED EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION AT THE TIME OF THE FIELD SURVEY.
6. THERE WAS NO OBVIOUS EVIDENCE OBSERVED OF A SOLID WASTE DUMP, SUMP OR SANITARY LANDFILL ON SITE AT THE TIME OF THE FIELD SURVEY. DIPRETE ENGINEERING IS NOT ACTING AS AN EXPERT IN ENVIRONMENTAL MATTERS IN REGARDS TO THIS SURVEY AND IS NOT RESPONSIBLE FOR WHAT A PHASE ONE ENVIRONMENTAL ASSESSMENTS OF THE SUBJECT SITE WOULD REVEAL.
7. RIGHT OF WAY LINES ADJACENT TO SUBJECT PARCEL ARE AS SHOWN.
8. THERE WAS NO EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS OBSERVED AT THE TIME OF THE FIELD SURVEY.
9. NO WETLAND FLAGS OBSERVED AT THE TIME OF THE FIELD SURVEY
10. SURVEY BASED ON TITLE COMMITMENT #6959774, EFFECTIVE DATE APRIL 26, 2018 AT 8:00 AM BY COMMONWEALTH LAND TITLE INSURANCE COMPANY.

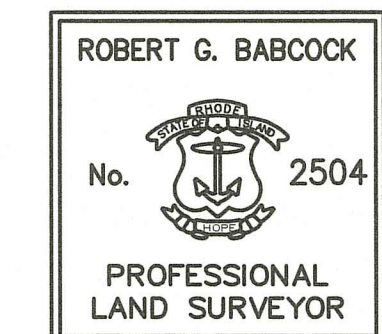
Plan References:

1. MAP OF THAT PORTION OF CRESTVIEW MANOR LOCATED IN THE TOWN OF SCITUATE RHODE ISLAND BALD BY RICHARD C ARNOLD SCALE 1 INCH EQUALS 60 FT DATED OCTOBER 1953 PLAN BY WILLARD W HALL PLS NUMBER 517. RECORDED IMPLDCE 30 PC 104
2. RECORDED PLAN FOR RIDGEWOOD ESTATES SITUATED ON A AP 38, LOTS 73, 74, AND 9 OFF RIDGEWOOD DRIVE SITUATE, RHODE ISLAND. PLAN BY GAROFALO AND ASSOCIATES DATED FEBRUARY 6TH 2004 RECORDED IN ENVELOPE 243 MAP 693.
3. RHODE ISLAND HIGHWAY PLAT 305

Certification

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON JANUARY 1, 2016, AS FOLLOWS:
 TYPE OF SURVEY: COMPREHENSIVE BOUNDARY SURVEY
 MEASUREMENT SPECIFICATION: CLASS 1
 DATA ACCUMULATION SURVEY (LIMITED): CLASS T-2

THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS:
 PERIMETER RETRACEMENT PERFORMED BY DIPRETE ENGINEERING FOR THE PURPOSE OF SITE ENGINEERING AND PERMITTING.



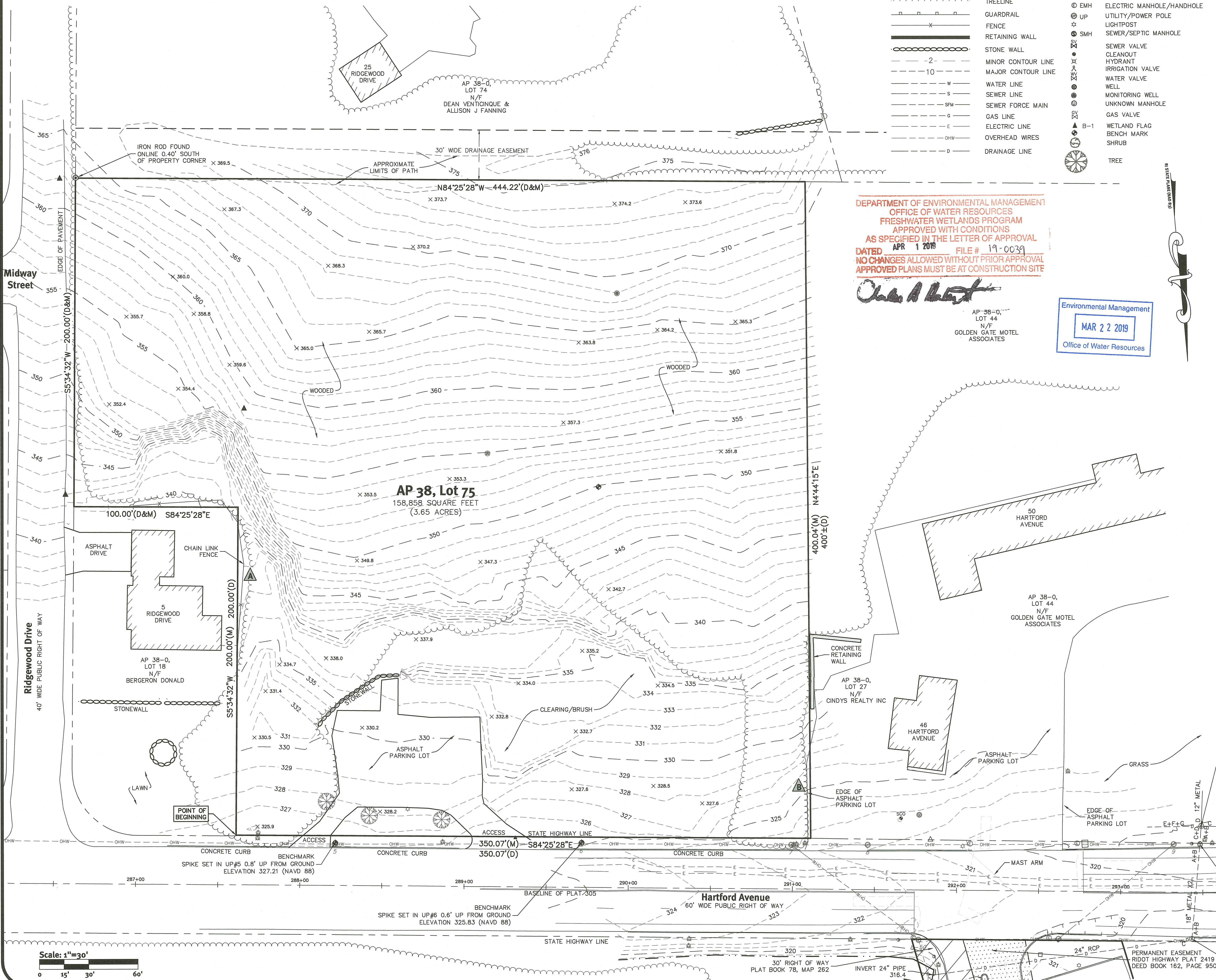
ROBERT G. BABCOCK, RIPLS #2504, COA #S.000A160
 2/12/19

NO.	DATE	DESCRIPTION
1	2/12/2019	Boundary Plan Submission
2	2/12/2019	Recorded Master Plan Submission
3	10/21/2018	Jointing Board of Review Submission
4	8/22/2018	The Application Plan Submission
5	08/10/2018	Department of Health Pre-Application

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED APR 1 2019 FILE # 19-0039
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Chris A. Hart
 AP 38-0, LOT 44
 N/F
 GOLDEN GATE MOTEL ASSOCIATES

Environmental Management
 MAR 22 2019
 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

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NO.	DATE	DESCRIPTION	BY:
1	2/12/2019	Boundary Plan Submission	P.A.A.
2	2/12/2019	Recorded Master Plan Submission	P.A.A.
3	10/21/2018	Jointing Board of Review Submission	S.B.C.
4	8/22/2018	The Application Plan Submission	S.B.C.
5	08/10/2018	Department of Health Pre-Application	K.E.H.

Existing Conditions Plan
Seasons Corner Market
 Assessor's Plat 38 Lot 75
 Scituate, Rhode Island

Prepared for
Colbea Enterprises, LLC
 7 Starline Way Cranston, Rhode Island 02921
 Tel: 401-490-2209

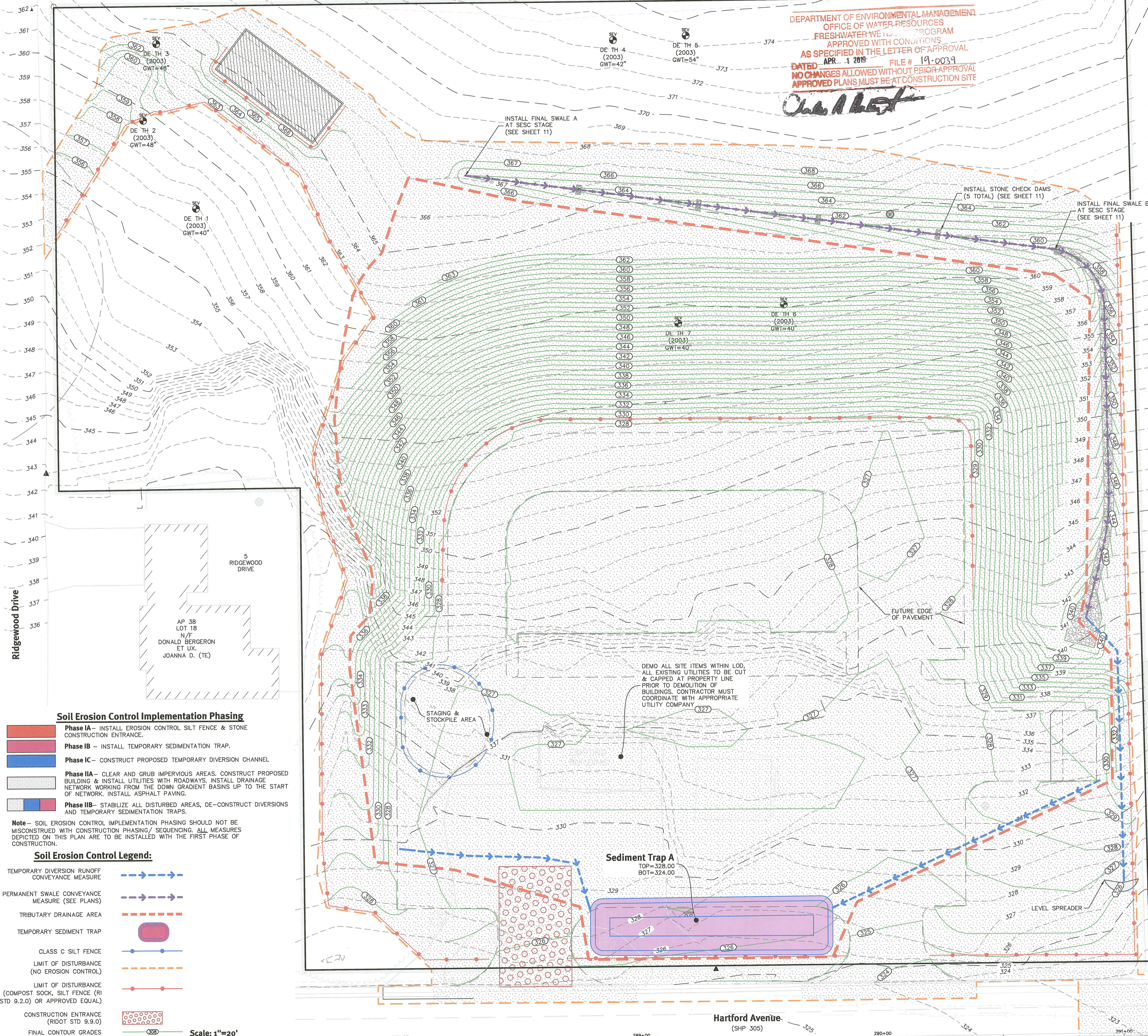
DESIGN BY: P.A.A. DRAWN BY: P.A.A.

SHEET 4 OF 12

25 RIDGEWOOD DRIVE
 AP 38 LOT 74
 N/F VENTIGNOUE, DEAN ET UX.
 FANNING ALLISON J. (TE)

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLAND PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED APR 1 2019 FILE # 19-0039
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Overlaid



Sediment Trap Notes:

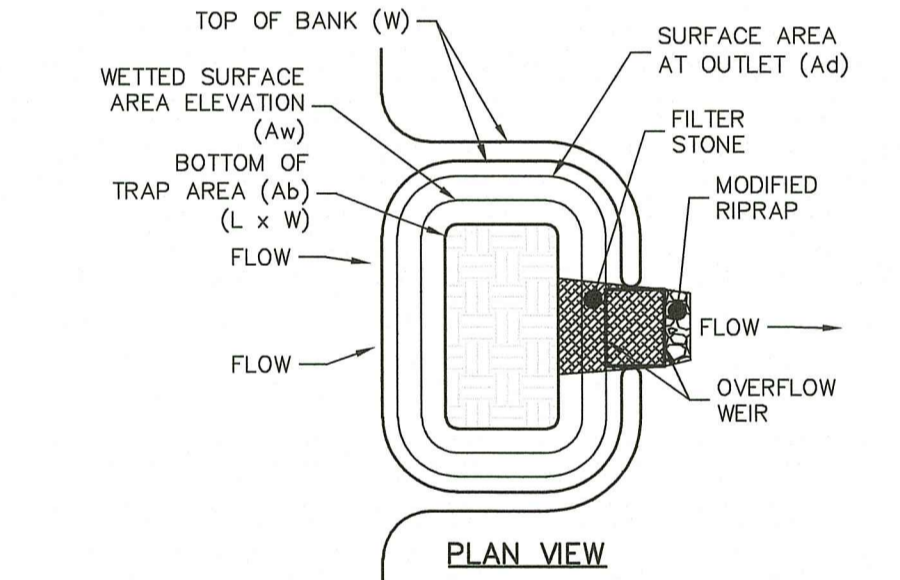
1. THE TEMPORARY SEDIMENT TRAPS SHALL MEET ALL REQUIREMENTS FOR TEMPORARY SEDIMENT TRAPS OUTLINED IN THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK (LATEST REVISION) SECTION SIX: SEDIMENT CONTROL MEASURES
2. THE TEMPORARY SEDIMENT TRAP SHALL HAVE AN INITIAL STORAGE VOLUME OF 134 CUBIC YARDS PER ACRE OF DRAINAGE AREA.
3. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER EXCEPT FOR THE EXCAVATED WET STORAGE AREA WHERE SLOPES SHALL NOT EXCEED 1.5:1.
4. THE OUTLET SHALL BE LOCATED AT THE MOST DISTANT HYDRAULIC POINT FROM THE INLET.
5. THE OUTLET CONSISTS OF A PERVIOUS STONE DIKE WITH A CORE OF MODIFIED RIPRAP AND FACED ON THE UPSTREAM SIDE WITH STONE.
6. TEMPORARY SEDIMENT TRAPS MUST OUTLET ONTO STABILIZED GROUND.
7. MAXIMUM HEIGHT OF A TEMPORARY SEDIMENT TRAP EMBANKMENT IS LIMITED TO 5 FEET.
8. SIDE SLOPES OF THE EMBANKMENT SHALL BE 2:1 OR FLATTER.
9. MODIFIED RIPRAP SHALL MEET THE REQUIREMENTS OF RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION M.10.03.2.
10. FILTER STONE SHALL MEET THE REQUIREMENTS OF RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION M.01.03 TABLE I, COLUMN V FILTER STONE.

Sediment Trap Inspection, Maintenance, and Removal Requirements:

1. INSTALL "SEDIMENT STORAGE" STAKE WITH A MARKER AT ONE HALF OF THE WET STORAGE VOLUME.
2. INSPECT THE TEMPORARY SEDIMENT TRAP AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.25 INCH OR GREATER.
3. CHECK THE OUTLET TO ENSURE THAT IT IS STRUCTURALLY SOUND AND HAS NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT.
4. CHECK FOR SEDIMENT ACCUMULATION AND FILTRATION PERFORMANCE.
5. WHEN SEDIMENTS HAVE ACCUMULATED TO ONE HALF THE MINIMUM REQUIRED VOLUME OF THE WET STORAGE, DEWATER THE TRAP AS NEEDED, REMOVE SEDIMENTS AND RESTORE THE TRAP TO ITS ORIGINAL DIMENSIONS.
6. DISPOSE OF THE SEDIMENT REMOVED FROM THE BASIN IN A SUITABLE AREA.
7. THE TEMPORARY SEDIMENT TRAP MAY BE REMOVED AFTER THE CONTRIBUTING DRAINAGE AREA IS STABILIZED.

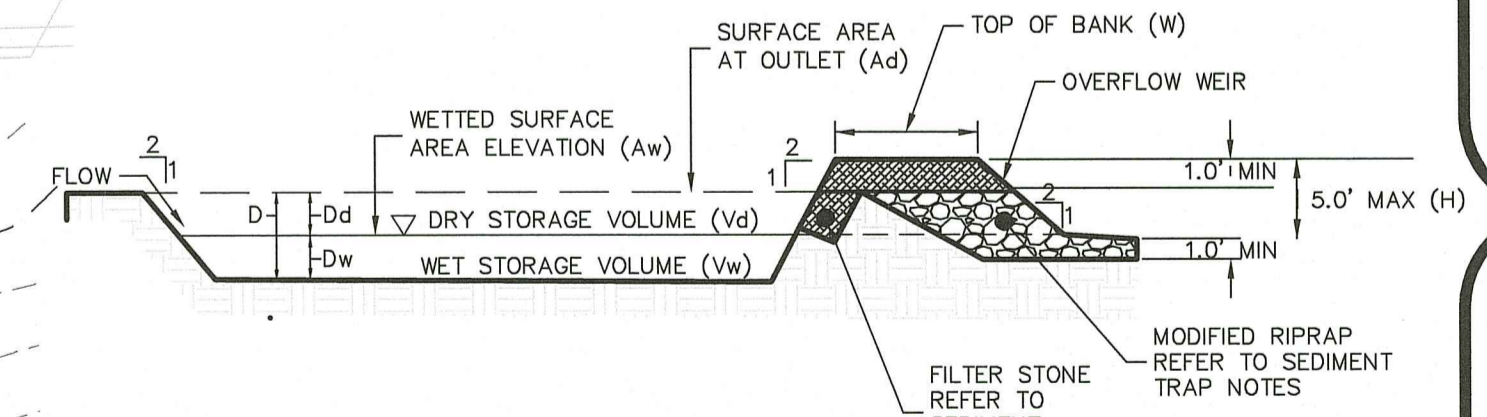
Sediment Trap Installation Notes:

1. CLEAR, GRUB AND STRIP ANY VEGETATION AND ROOT MAT FROM ANY PROPOSED EMBANKMENT AND OUTLET AREA.
2. REMOVE STONES AND ROCKS WHOSE DIAMETER IS GREATER THAN THREE (3) INCHES AND OTHER DEBRIS.
3. EXCAVATE WET STORAGE AND CONSTRUCT THE EMBANKMENT AND/OR OUTLET AS NEEDED TO ATTAIN THE NECESSARY STORAGE REQUIREMENTS.
4. USE ONLY FILL MATERIAL FOR THE EMBANKMENT THAT IS FREE FROM EXCESSIVE ORGANICS, DEBRIS, LARGE ROCKS (OVER SIX (6) INCHES) OR OTHER UNSUITABLE MATERIALS. COMPACT THE EMBANKMENT IN 9-INCH LAYERS BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
5. STABILIZE THE EARTHEN EMBANKMENT USING ANY OF THE FOLLOWING MEASURES: SEEDING FOR TEMPORARY VEGETATION COVER; SEEDING FOR PERMANENT VEGETATIVE COVER; OR SLOPE PROTECTION, IMMEDIATELY AFTER INSTALLATION.



SEDIMENT TRAP DIMENSIONS		TRAP A
TRIBUTARY DRAINAGE AREA (Ac)		1,936
WET STORAGE DEPTH (Dw) (FT)		3.00
DRY STORAGE DEPTH (Dd) (FT)		1.00
TOTAL DEPTH (D) (FT)		4.00
BOTTOM OF TRAP AREA (Ab) (SF)		678
WETTED SURFACE AREA (Aw) (SF)		1,924
SURFACE AREA AT OUTLET (Ad) (SF)		2,393

TOP WIDTH VS HEIGHT	
H (ft)	W (ft)
1.5	2.0
2.0	2.0
2.5	3.0
3.0	2.5
3.5	3.0
4.0	3.0
4.5	4.0
5.0	4.5



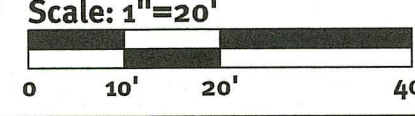
SECTION VIEW
Temporary Sediment Trap Details
 NOT TO SCALE

Note: This Plan Must Be Reproduced In Color

- Soil Erosion Control Implementation Phasing**
- Phase IA - INSTALL EROSION CONTROL SILT FENCE & STONE CONSTRUCTION ENTRANCE.
 - Phase IB - INSTALL TEMPORARY SEDIMENTATION TRAP.
 - Phase IC - CONSTRUCT PROPOSED TEMPORARY DIVERSION CHANNEL.
 - 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 MISCONSTRUCTED WITH CONSTRUCTION PHASING/ SEQUENCING. ALL MEASURES DEPICTED ON THIS PLAN ARE TO BE INSTALLED WITH THE FIRST PHASE OF CONSTRUCTION.

- Soil Erosion Control Legend:**
- TEMPORARY DIVERSION RUNOFF CONVEYANCE MEASURE
 - PERMANENT SWALE CONVEYANCE MEASURE (SEE PLANS)
 - TRIBUTARY DRAINAGE AREA
 - TEMPORARY SEDIMENT TRAP
 - CLASS C SILT FENCE
 - LIMIT OF DISTURBANCE (NO EROSION CONTROL)
 - LIMIT OF DISTURBANCE (COMPOST SOCK, SILT FENCE (RI STD 9.2.0) OR APPROVED EQUAL)
 - CONSTRUCTION ENTRANCE (RIDOT STD 9.9.0)
 - FINAL CONTOUR GRADES
 - AREAS TO BE DEMOLISHED/CLEARED



DiPrete Engineering
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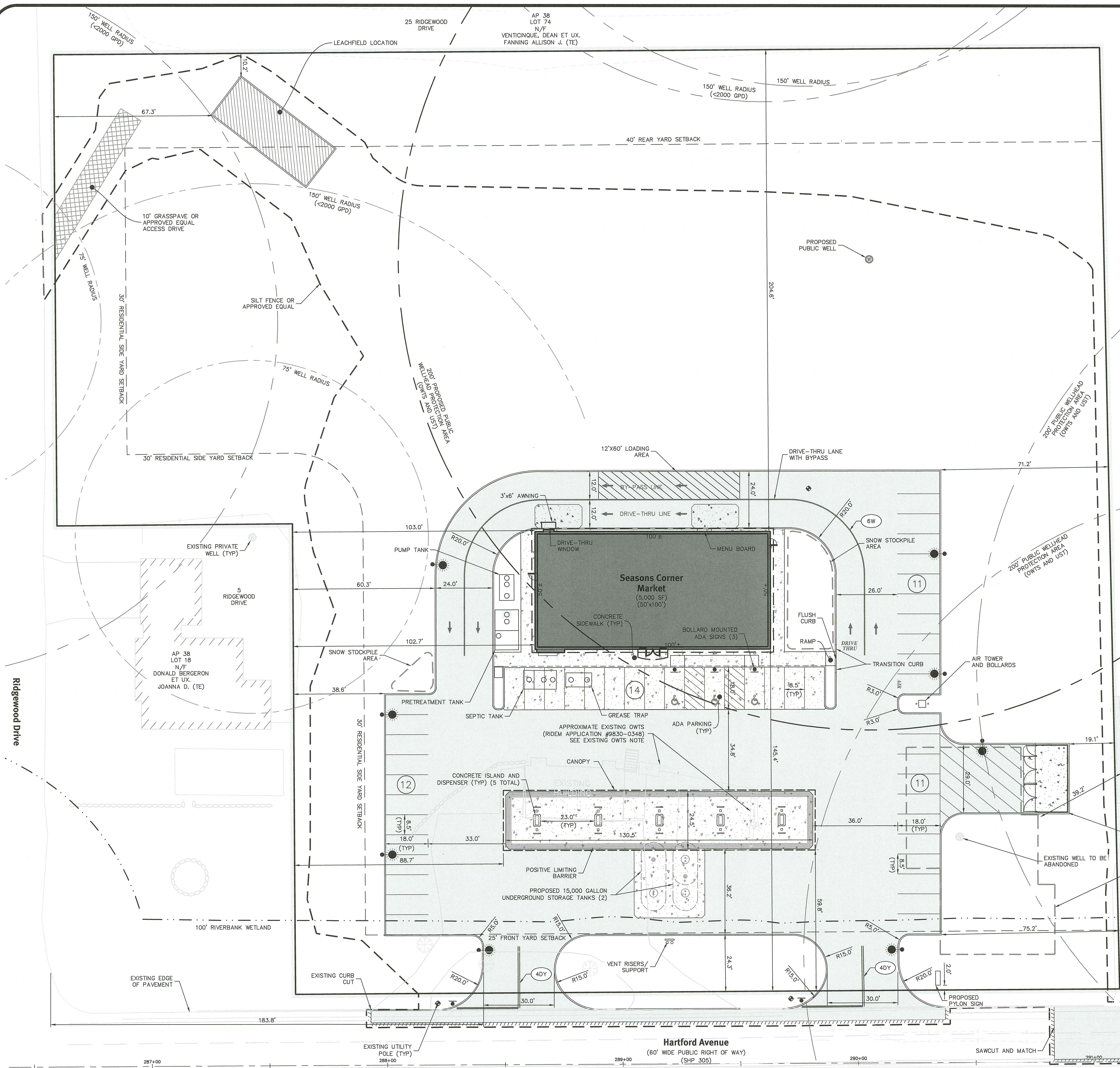
BRIAN C. GIROUX
 REG. NO. 03341
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

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

No.	Date	Description	Design By: P.A.A.
6	3/20/2019	RI DOT Message to Comments	
5	3/19/2019	Received Major Plans Submission	
4	3/19/2019	Zoning Board of Review Submission	
3	3/19/2019	Final Application Plans Submission	
2	3/19/2019	Pre-Application Plans Submission	
1	3/19/2019	Department of Health Pre-Application	

Soil Erosion & Sediment Control Plan
Seasons Corner Market
 Seasons' Parc 38 Lot 75
 Schuette, Rhode Island
 Prepared for
Colbea Enterprises, LLC
 7 Starline Way Cranston, Rhode Island 02921
 Tel: 401-490-2209
 DE Job No: 0931-001 Copyright 2019 by DiPrete Engineering Associates, Inc.

z:\dmain\projects\0931-001 hartford avenue seasons\autocad drawings\0931-001-plan.dwg Plotted: 3/22/2019



Dimensional Regulations:

CURRENT ZONING:	REQUIRED	PROVIDED
MINIMUM FRONTAGE	N/A	350'
MINIMUM LOT WIDTH	60'	145.4' BUILDING
MINIMUM FRONT YARD	25'	59.8' CANOPY
MINIMUM SIDE YARD:	N/A	102.7' BUILDING
MINIMUM REAR YARD:	40'	88.7' CANOPY
MINIMUM FREESTANDING SIGN SETBACK:	14'	204.6'
MAXIMUM STRUCTURE HEIGHT:	36'	≤ 36'
MAXIMUM BUILDING COVERAGE:	25%	5.22%
MINIMUM DISTANCE FROM STRUCTURES TO A RESIDENTIAL DISTRICT	30'	38.6'

*ANY FREESTANDING SIGN LESS THAN 20' FROM THE PAVEMENT AND WITHIN 50' OF A STREET INTERSECTION SHALL BE REVIEWED BY THE TRAFFIC SAFETY COMMISSION.

Parking Regulations:

PARKING USE:	RETAIL USES
PARKING REQUIREMENT:	1 SPACE PER 90 SF OF RETAIL SPACE + 1 PER 2 EMPLOYEES.
GROSS FLOOR AREA PROPOSED:	5,000 SF
PARKING CALCULATION:	5,000 SF / 90 SF = 56 SPACES
REQUIRED PARKING SPACES:	58 SPACES
PARKING SPACES PROVIDED:	48 STRIPED SPACES
	10 PUMP SPACES

PARKING SPACES:	REQUIRED	PROVIDED
ADA SPACES (51-75 SPACES):	5	5
PARKING SPACE SIZE:	8 1/2' X 18'	8 1/2' X 18'
PARKING AISLE WIDTH:	24'	24'-36.2'
DRIVE-THRU AISLE WIDTH:	N/A	12'
DRIVEWAY SEPARATION (TO NEAREST STREET):	75'	183.8'
INTERIOR LANDSCAPING:	N/A	(SEE LANDSCAPE PLANS)
DRIVE-THRU QUEUE (FROM MENU BOARD)	10	10

Existing OWTS Note:
THE EXISTING OWTS SHALL BE PUMPED, FILLED AND ABANDONED IN PLACE OR REMOVED AND DISPOSED OF IN ACCORDANCE WITH RIDEM OWTS REGULATIONS.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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DATED APR 1 2019 FILE # 19-00391
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Chris A. Giroux

Environmental Management
MAR 22 2019
Office of Water Resources

Scale: 1"=20'
0 10' 20' 40'

Diprete Engineering
Two Stafford Court Cranston, RI 02920
tel 401-943-1000 fax 401-641-6006 www.diprete-eng.com
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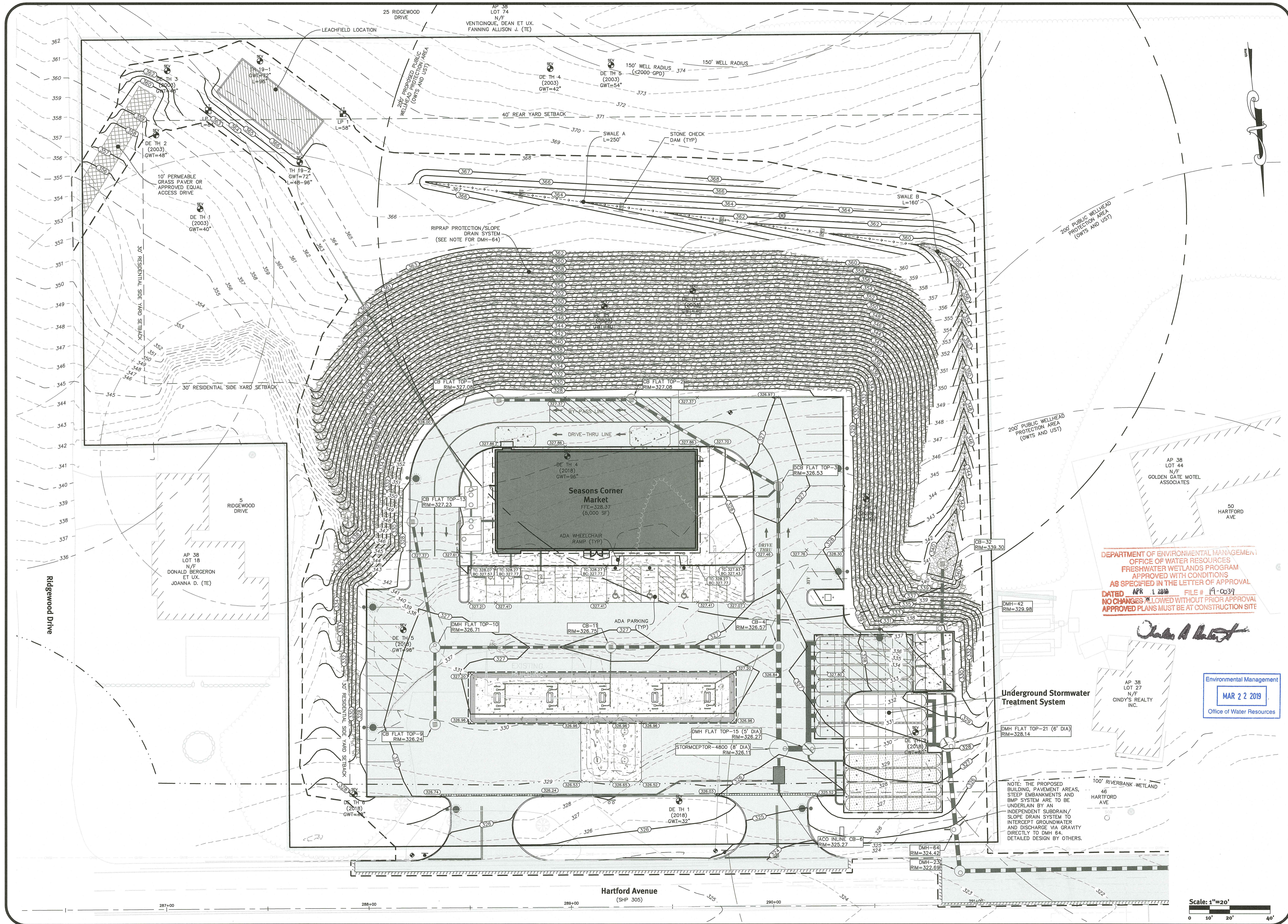
BRIAN C. GIROUX
REG. NO. 0341
REGISTERED PROFESSIONAL ENGINEER
CIVIL

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BLD	DATE	DESCRIPTION	BY
6	3/22/2019	RIDEM Response to Comments	By: P.A.A.
5	11/21/2018	Revised Master Plan Submission	By: P.A.A.
4	10/23/2018	Final Application Plan Submission	By: P.A.A.
3	8/22/2018	Final Application Plan Submission	By: P.A.A.
2	8/22/2018	Final Application Plan Submission	By: P.A.A.
1	08/10/2018	Department of Health Pre-Application	By: P.A.A.

Site Layout Plan
Seasons Corner Market
Assessor's Plat 88 Lot 75
Scituate, Rhode Island
Prepared for
Colbea Enterprises, LLC
7 Starline Way Cranston, Rhode Island 02921
tel 401-940-2209
Copyright 2019 by Diprete Engineering Associates, Inc.
SHEET 6 OF 12

z:\dmain\projects\0931-001 hartford avenue seasons autocad drawings\0931-001-plan.dwg, Plotted: 3/22/2019



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED APR 1 2019 FILE # 19-0039
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John A. Hart

Environmental Management
 MAR 2 2 2019
 Office of Water Resources

Underground Stormwater Treatment System

NOTE: THE PROPOSED BUILDING, PAVEMENT AREAS, STEEP EMBANKMENTS AND BMP SYSTEM ARE TO BE UNDERLAIN BY AN INDEPENDENT SUBDRAIN/SLOPE DRAIN SYSTEM TO INTERCEPT GROUNDWATER AND DISCHARGE VIA GRAVITY DIRECTLY TO DMH 64. DETAILED DESIGN BY OTHERS.

Scale: 1"=20'
 0 10' 20' 40'

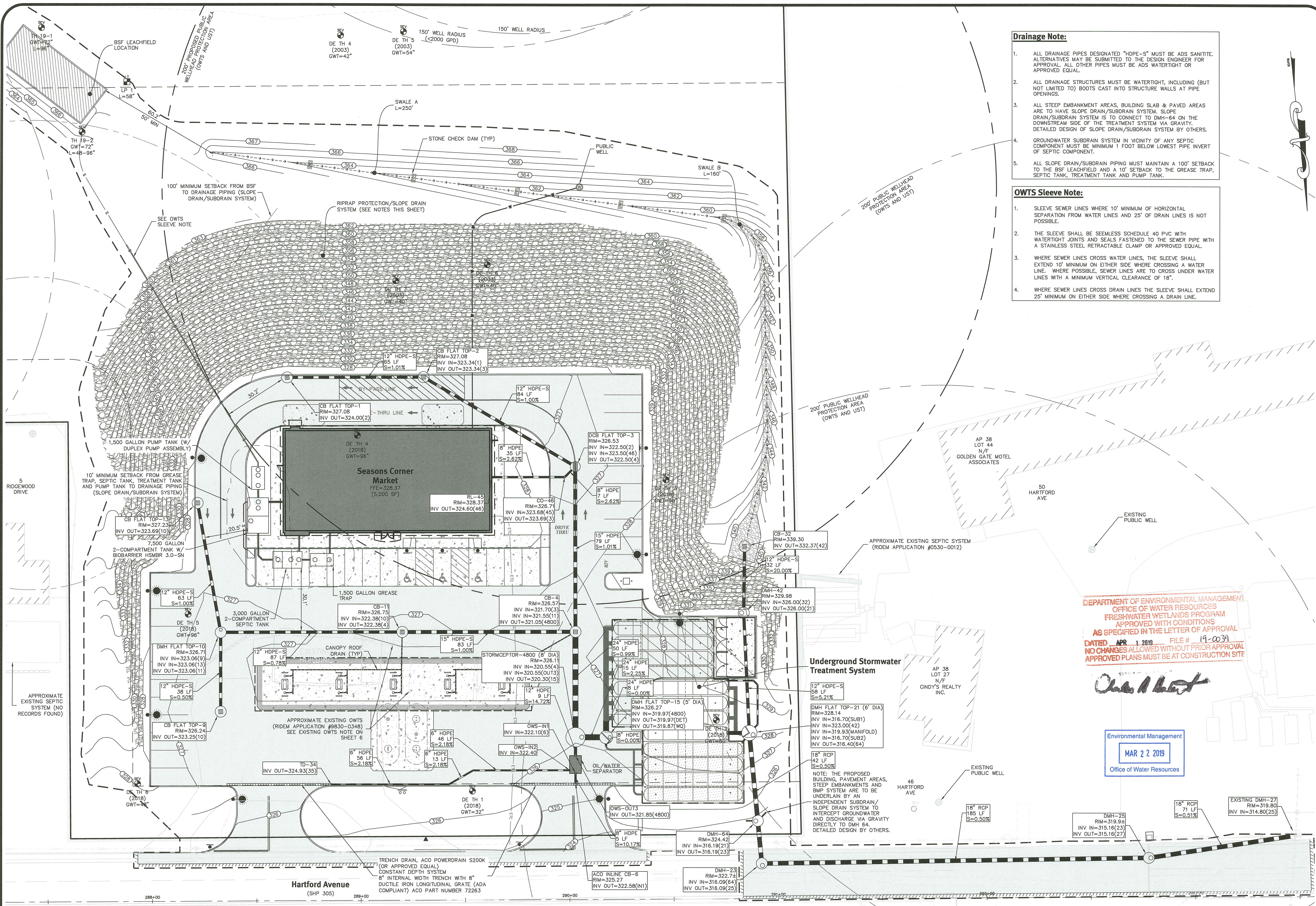
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BRIAN C. GIROUX
 0341
 REGISTERED PROFESSIONAL ENGINEER
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No.	Date	Description	By:
1	3/22/2019	Initial Response to Comments	JAG
2	3/22/2019	Final Response to Comments	JAG
3	3/22/2019	Record Master Plan Submission	JAG
4	3/22/2019	Final Response to Comments	JAG
5	3/22/2019	Final Response to Comments	JAG
6	3/22/2019	Final Response to Comments	JAG

Grading & Surface Drainage Plan
Seasons Corner Market
 Assessor's Plat 38 Lot 75
 Scituate, Rhode Island
 Prepared for
Colbea Enterprises, LLC
 7 Starline Way Cranston, Rhode Island 02921
 Tel: 401-990-2209
 DE Job No: 0931-001. Copyright 2019 by Diprete Engineering, Associates, Inc.



Drainage Note:

1. ALL DRAINAGE PIPES DESIGNATED "HDPE-S" MUST BE ADS SANITITE. ALTERNATIVES MAY BE SUBMITTED TO THE DESIGN ENGINEER FOR APPROVAL. ALL OTHER PIPES MUST BE ADS WATERTIGHT OR APPROVED EQUAL.
2. ALL DRAINAGE STRUCTURES MUST BE WATERTIGHT, INCLUDING (BUT NOT LIMITED TO) BOOTS CAST INTO STRUCTURE WALLS AT PIPE OPENINGS.
3. ALL STEEP EMBANKMENT AREAS, BUILDING SLAB & PAVED AREAS ARE TO HAVE SLOPE DRAIN/SUBDRAIN SYSTEM. SLOPE DRAIN/SUBDRAIN SYSTEM IS TO CONNECT TO DMH-64 ON THE DOWNSTREAM SIDE OF THE TREATMENT SYSTEM VIA GRAVITY. DETAILED DESIGN OF SLOPE DRAIN/SUBDRAIN SYSTEM BY OTHERS.
4. GROUNDWATER SUBDRAIN SYSTEM IN VICINITY OF ANY SEPTIC COMPONENT MUST BE MINIMUM 1 FOOT BELOW LOWEST PIPE INVERT OF SEPTIC COMPONENT.
5. ALL SLOPE DRAIN/SUBDRAIN PIPING MUST MAINTAIN A 100' SETBACK TO THE BSF LEACHFIELD AND A 10' SETBACK TO THE GREASE TRAP, SEPTIC TANK, TREATMENT TANK AND PUMP TANK.

OWTS Sleeve Note:

1. SLEEVE SEWER LINES WHERE 10' MINIMUM OF HORIZONTAL SEPARATION FROM WATER LINES AND 25' OF DRAIN LINES IS NOT POSSIBLE.
2. THE SLEEVE SHALL BE SEAMLESS SCHEDULE 40 PVC WITH WATERTIGHT JOINTS AND SEALS FASTENED TO THE SEWER PIPE WITH A STAINLESS STEEL RETRACTABLE CLAMP OR APPROVED EQUAL.
3. WHERE SEWER LINES CROSS WATER LINES, THE SLEEVE SHALL EXTEND 10' MINIMUM ON EITHER SIDE WHERE CROSSING A WATER LINE. WHERE POSSIBLE, SEWER LINES ARE TO CROSS UNDER WATER LINES WITH A MINIMUM VERTICAL CLEARANCE OF 18".
4. WHERE SEWER LINES CROSS DRAIN LINES THE SLEEVE SHALL EXTEND 25' MINIMUM ON EITHER SIDE WHERE CROSSING A DRAIN LINE.

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Chris A. [Signature]

Environmental Management
 MAR 2 2 2019
 Office of Water Resources

Scale: 1"=20'
 0 10' 20' 40'

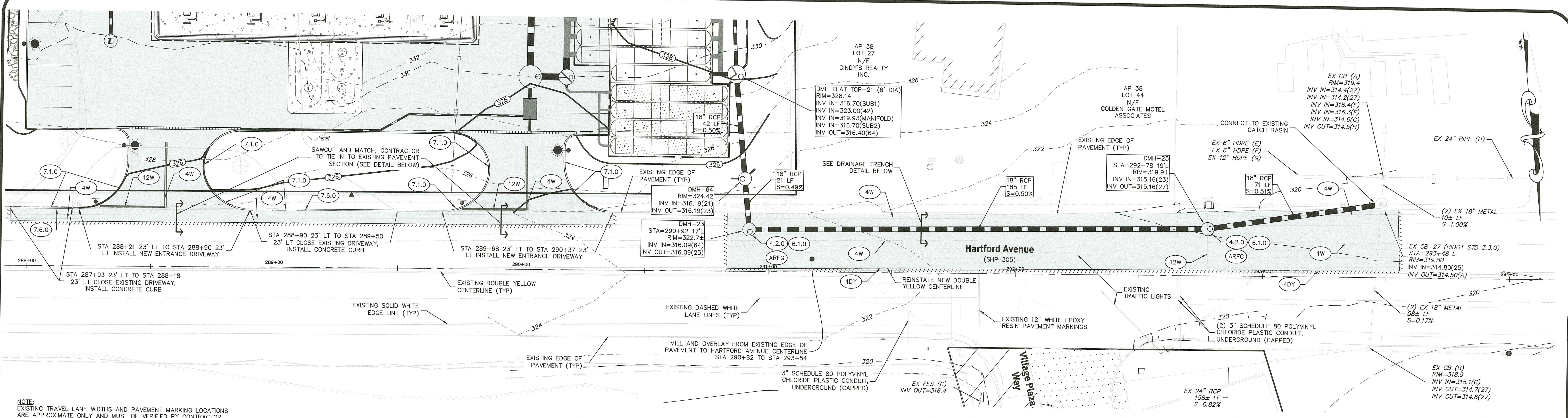
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BRIAN C. GIROUX
 0341
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

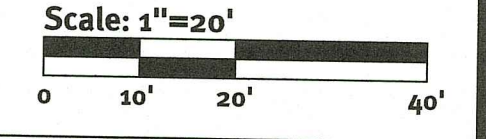
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No.	Date	Description	By
1	3/26/2019	Initial Design	Design By: P.A.A.
2	4/1/2019	Revised Design	
3	4/1/2019	Revised Design	
4	4/1/2019	Revised Design	
5	4/1/2019	Revised Design	
6	4/1/2019	Revised Design	
7	4/1/2019	Revised Design	
8	4/1/2019	Revised Design	
9	4/1/2019	Revised Design	
10	4/1/2019	Revised Design	

Drainage & Utilities Plan
Seasons Corner Market
 Seasons Corner Market
 Seasons Corner Market
 Seasons Corner Market
Colbea Enterprises, LLC
 7 Starline Way Cranston, Rhode Island 02921
 tel 401-940-2209



NOTE: EXISTING TRAVEL LANE WIDTHS AND PAVEMENT MARKING LOCATIONS ARE APPROXIMATE ONLY AND MUST BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION WORKS

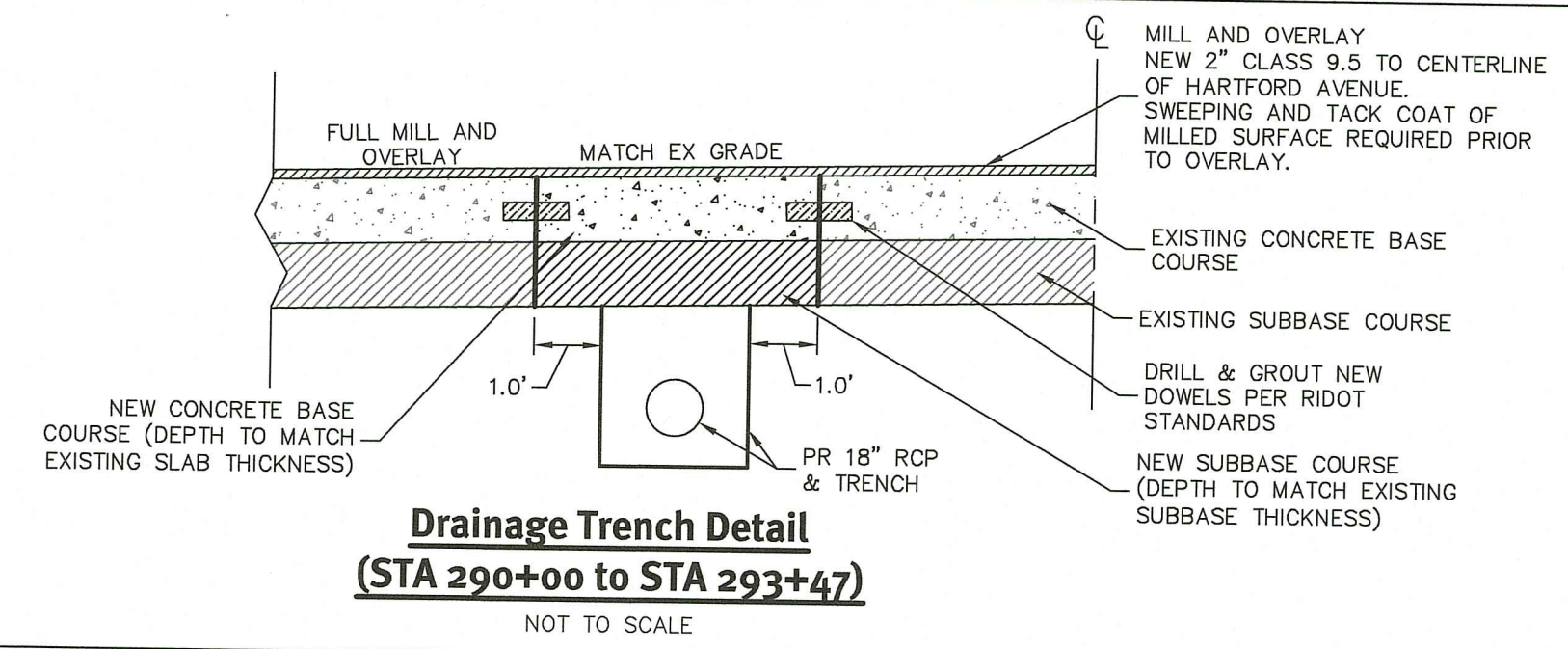


RIDOT Note Legend:

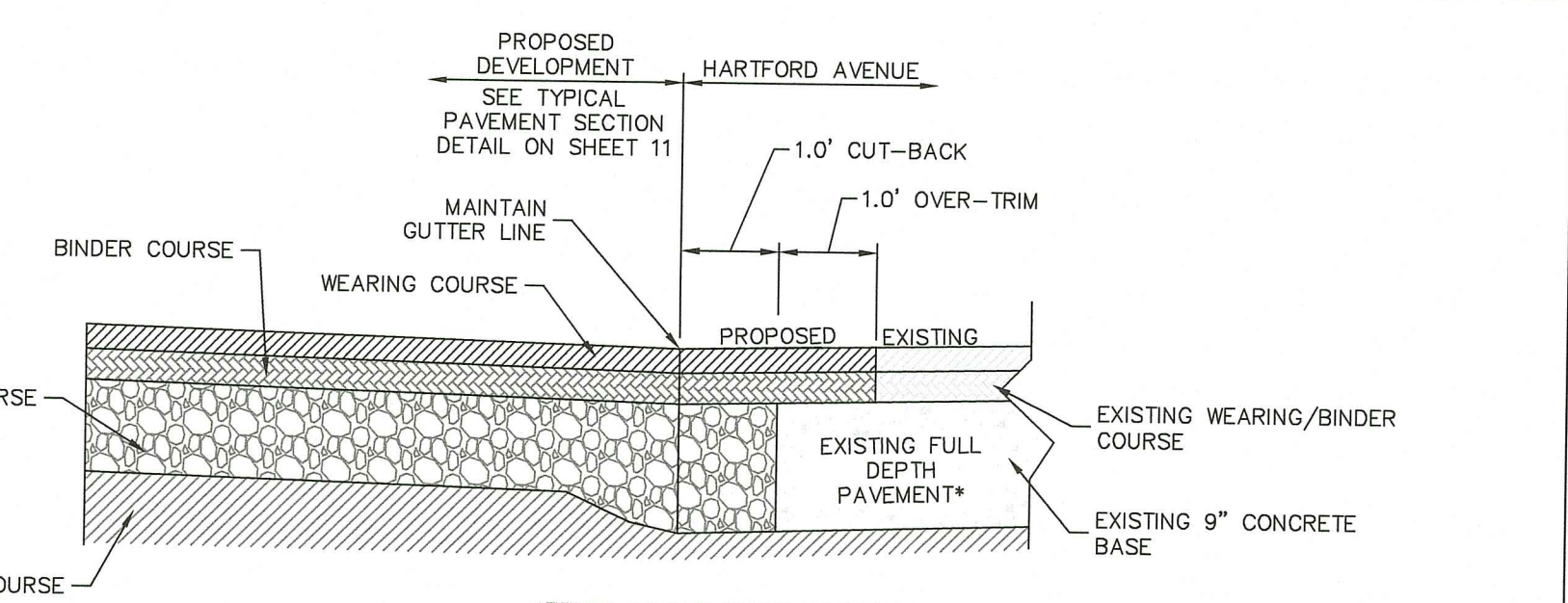
- (7.1.0) RIDOT STD PRECAST CONCRETE CURB
- (7.1.1) RIDOT STD 3' PRECAST CONCRETE TRANSITION CURB
- (7.1.2) RIDOT STD 6' PRECAST CONCRETE TRANSITION CURB
- (7.6.0) RIDOT STD CURB SETTING DETAIL
- (9.2.0) RIDOT STD SILT FENCE
- (9.9.0) PR RIDOT STANDARD CONSTRUCTION ENTRANCE
- (40Y) 4" EPOXY RESIN PAVEMENT MARKINGS- DOUBLE YELLOW
- (4W) 4" PAINTED WHITE MARKINGS
- (6WS) 6" WHITE EPOXY RESIN PAVEMENT MARKINGS- SKIP PATTERN
- (12W) STOP LINE (REFERENCE MUTCD SECTION 3B.16)
- (EXDR) EX DRAINAGE STRUCTURE, CONTRACTOR TO VERIFY INTEGRITY OF STRUCTURE AND REMOVE AND REPLACE AS NECESSARY.
- (ARFG) ADJUST RIM TO FINISH GRADE

Right of Way Pavement Notes:

1. ALL ASPHALT WITHIN THE STATE RIGHT OF WAY SHALL BE AN APPROVED MIX DESIGN PROVIDED BY A RIDOT APPROVED SUPPLIER IN ACCORDANCE WITH THE RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE DESIGN (BLUE BOOK).
2. ALL CONCRETE WITHIN THE STATE RIGHT OF WAY SHALL BE PROVIDED BY A RIDOT APPROVED SUPPLIER, SHALL BE CLASS XX AND CONFORM TO SECTION 601 OF THE BLUE BOOK. THE TRENCH WORK WILL REQUIRE FINISHING AND DOWELING AND THE DEPTH SHALL MATCH EXISTING CONCRETE SLAB THICKNESS.
3. GRAVEL BORROW SUBBASE PLACED ON STATE ROADS SHALL MATCH EXISTING SUBBASE DEPTH (MINIMUM 12 INCHES) AND SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE DESIGN (BLUE BOOK).
4. SWEEPING AND TACK COAT OF MILLED SURFACE REQUIRED PRIOR TO OVERLAY.

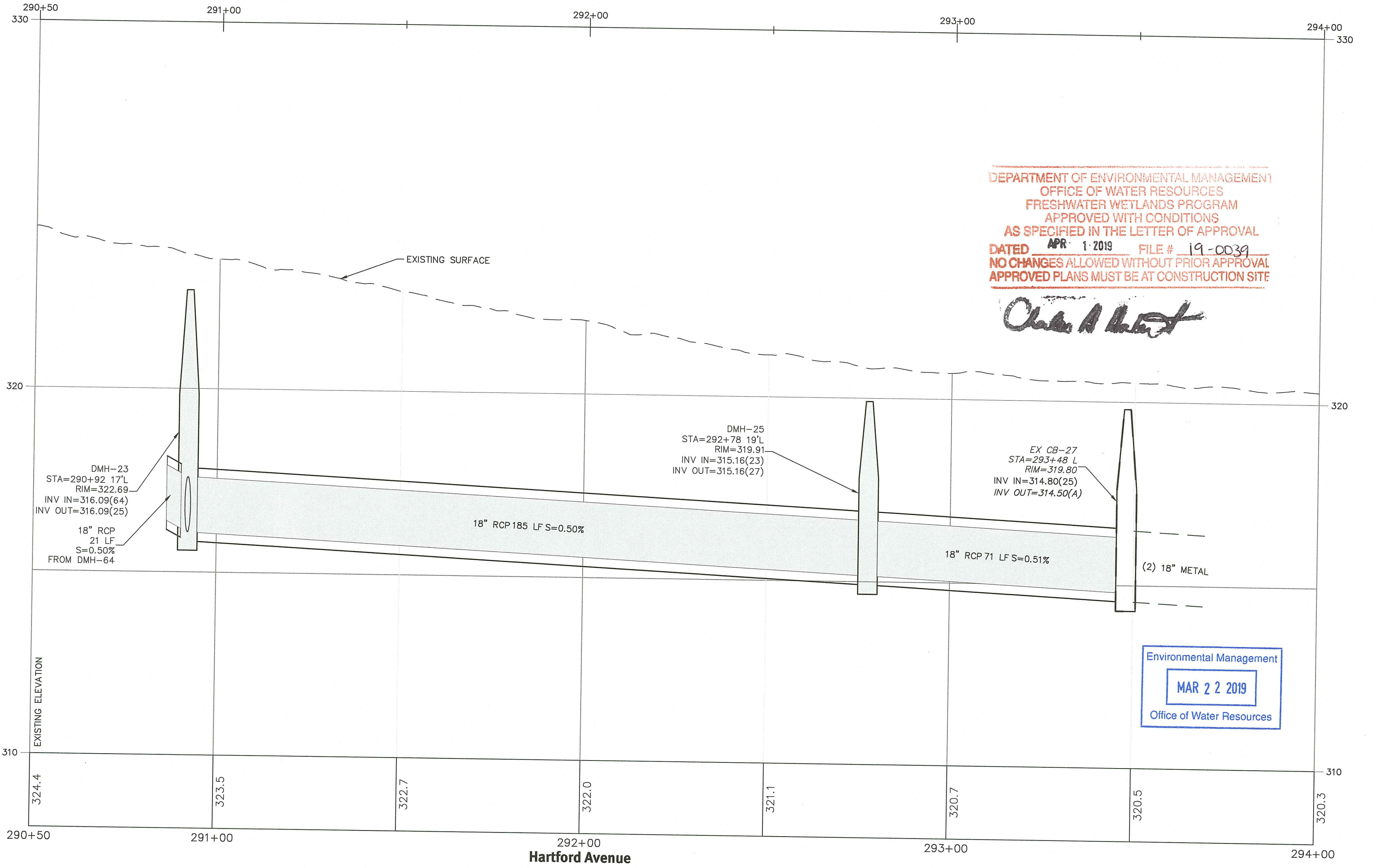


Drainage Trench Detail (STA 290+00 to STA 293+47)
NOT TO SCALE



Driveway Tie-In Section
NOT TO SCALE

*REFER TO THE RIDOT MATERIALS AND QUALITY ASSURANCE PAVEMENT CORE REPORT, DATED 6/27/18 (RI CONTRACT #2006-EH-011). PER CORRESPONDENCE WITH RIDOT, IT IS ASSUMED THE EXISTING CONCRETE BASE TERMINATES 1' FROM EXISTING EOP.

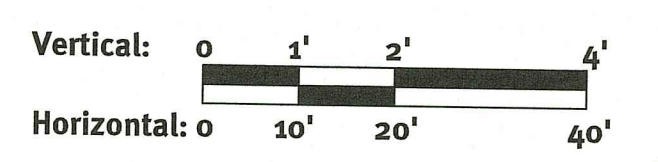


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OFFICE OF WATER RESOURCES
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APPROVED WITH CONDITIONS
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Chris A. Hest

Environmental Management
MAR 22 2019
Office of Water Resources

NOTE: CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES IN HARTFORD AVENUE AND NOTIFY DESIGN ENGINEER OF ANY POTENTIAL CONFLICTS OR DISCREPANCIES PRIOR TO CONSTRUCTION



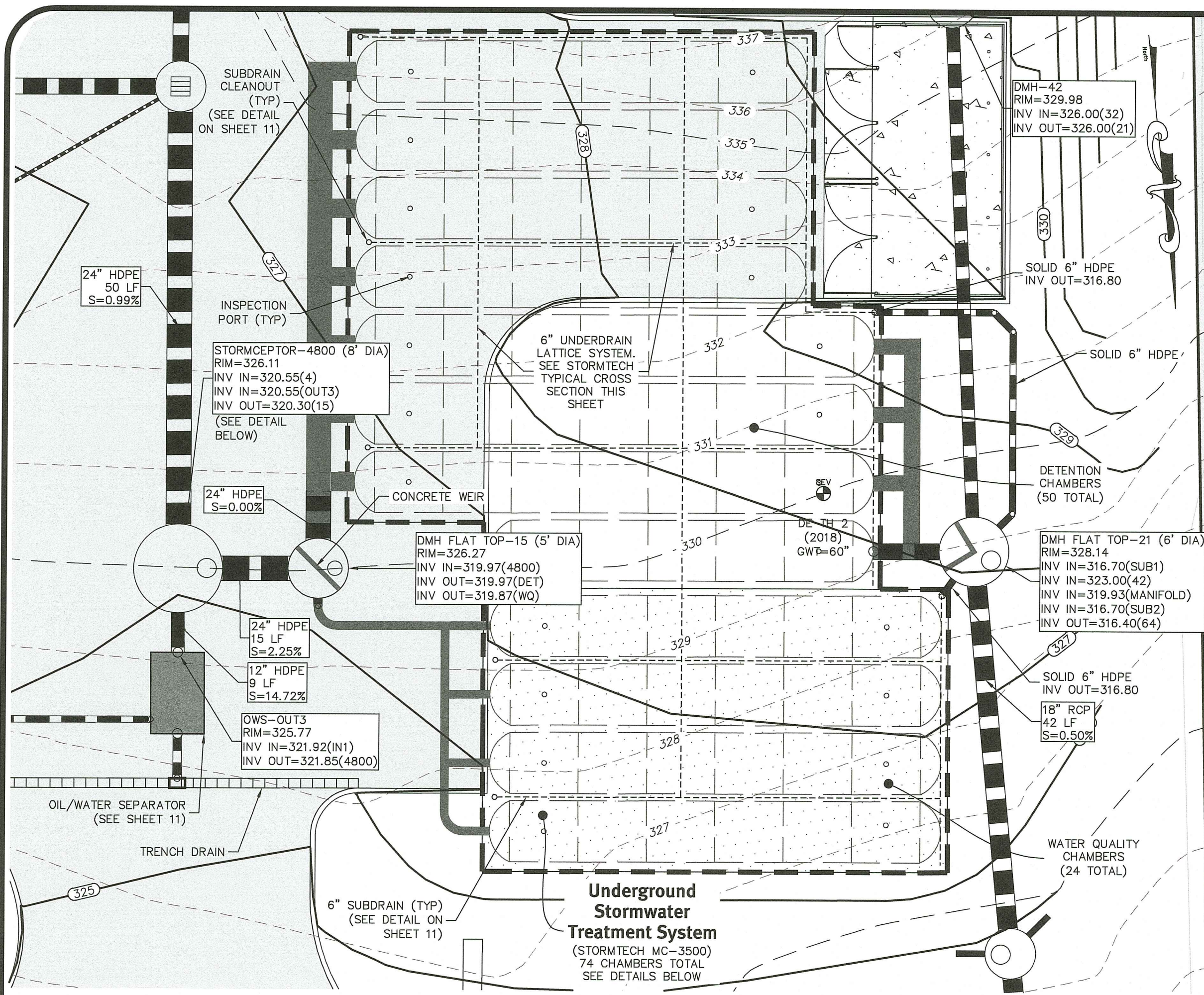
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REGISTERED PROFESSIONAL ENGINEER CIVIL

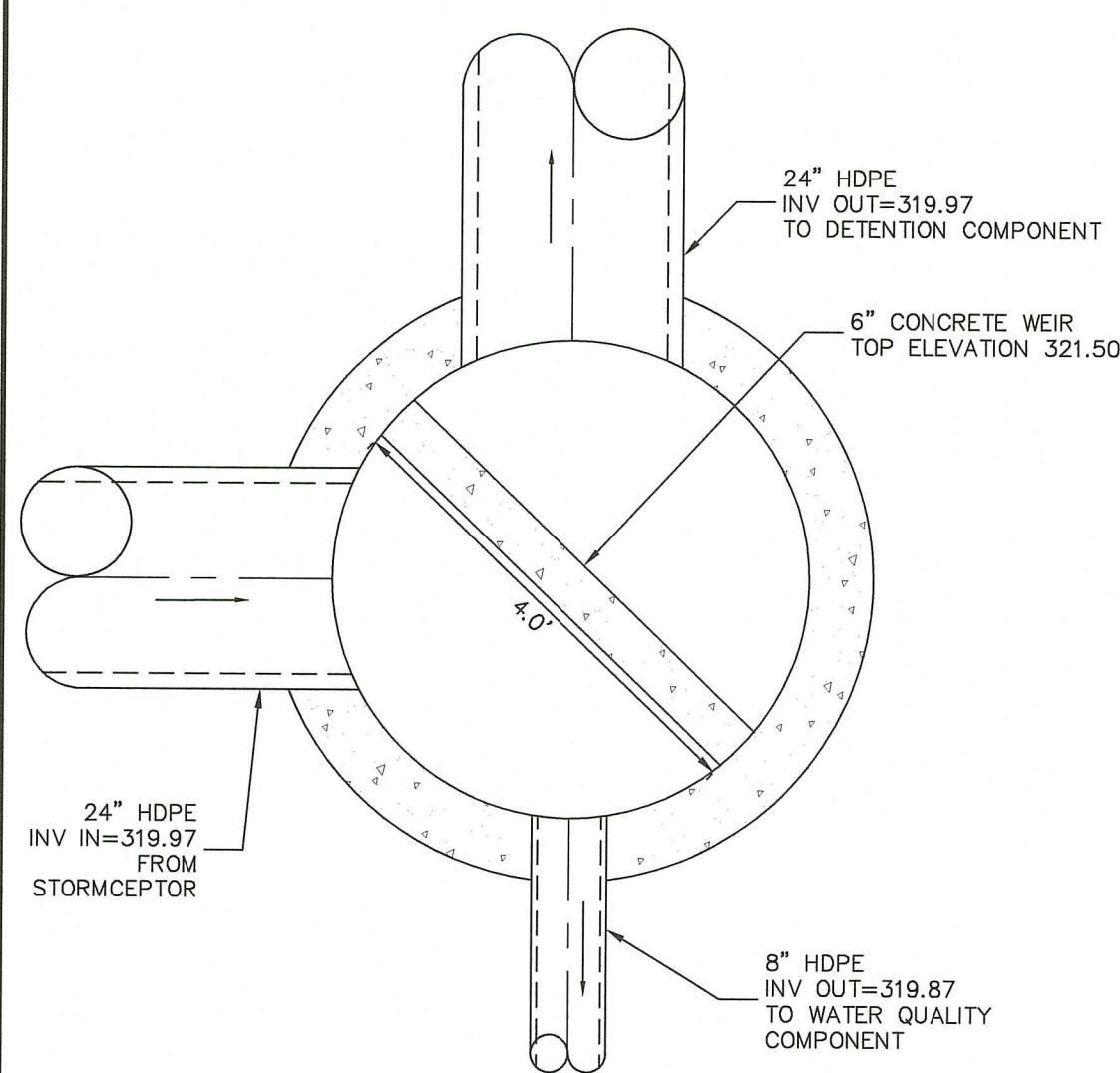
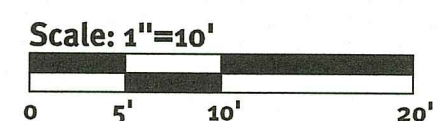
This regulatory submission set shall not be used for any process unless stamped 'Issued for Construction' and signed by a DiPrete Engineering representative.

No.	Date	Description	By:
1	3/10/2019	RDSD Response to Comments	Design By: P.A.A.
2	11/07/2018	Revised Master Plan Submission	
3	10/21/2018	Zoning Board of Review Submission	
4	8/20/2018	Pre-Application Plan Submission	
5	8/20/2018	Department of Health Pre-Application	

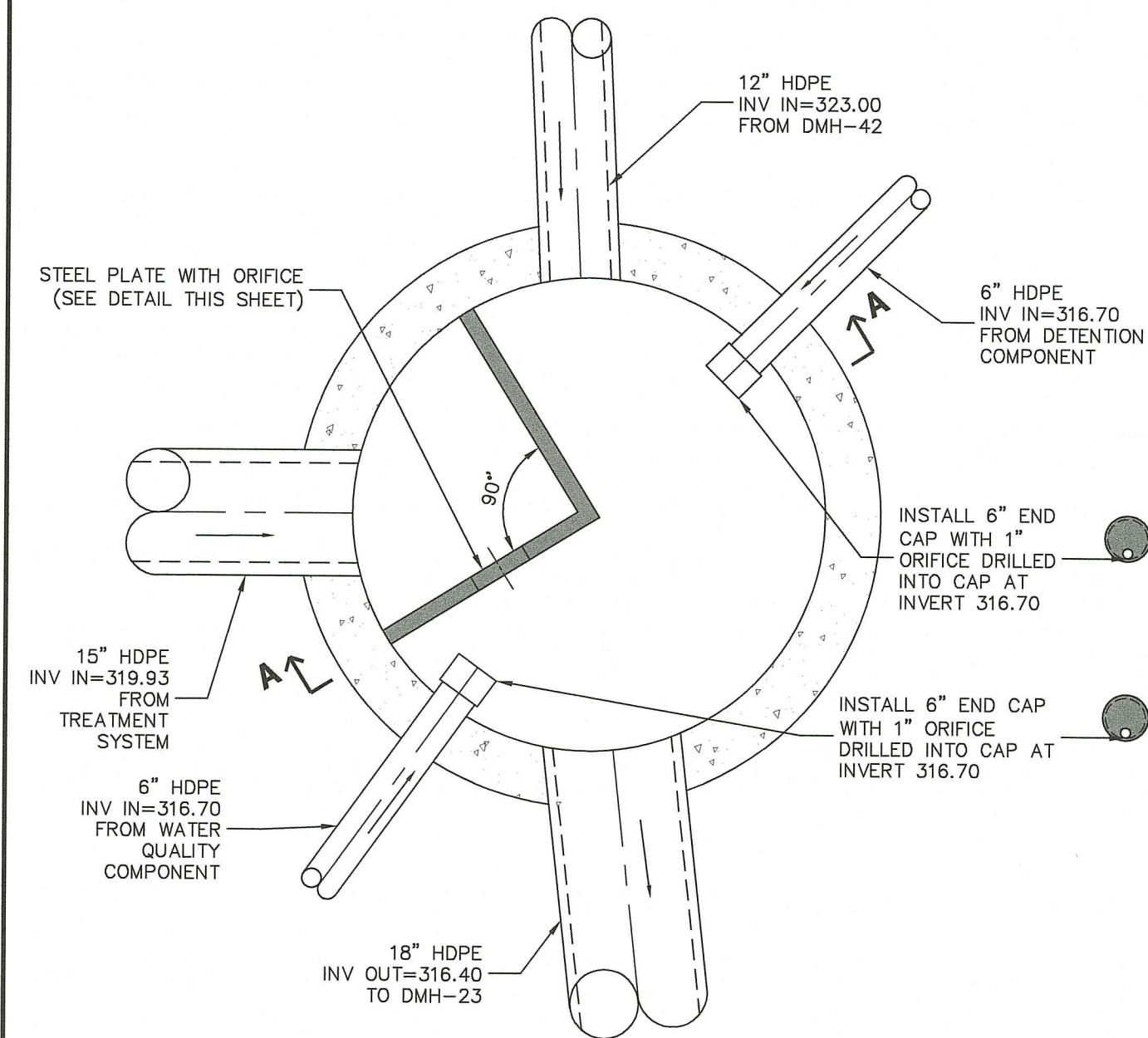
RIDOT ROW Improvements
Seasons Corner Market
Assessor's Plat 38 Lot 75
Scituate, Rhode Island
Prepared for:
Colbea Enterprises, LLC
7 Stafford Way Cranston, Rhode Island 02921
tel 401-992-2839
DE Job No: 0931-001 Copyright 2019 by DiPrete Engineering Associates, Inc.



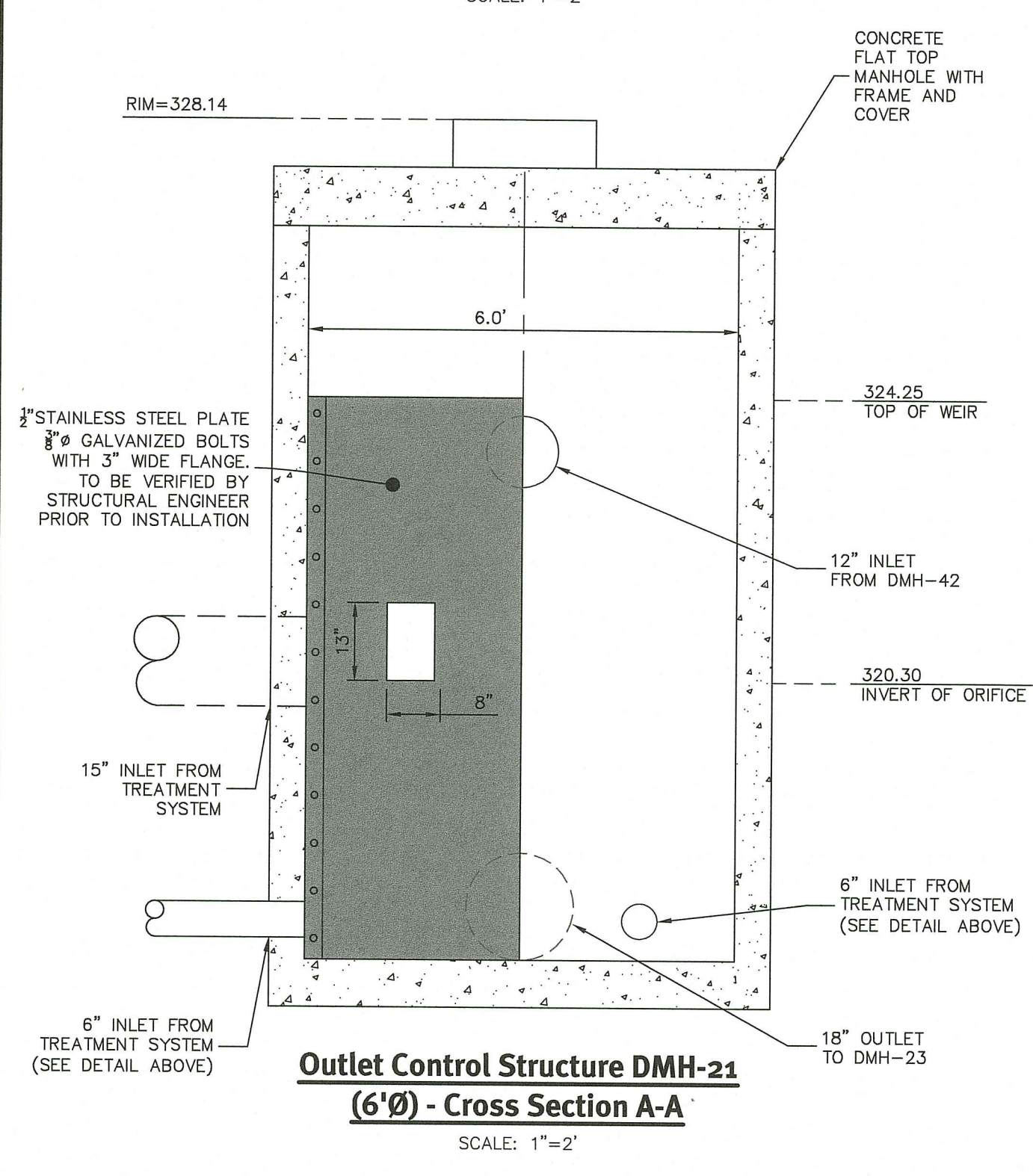
Underground Stormwater Treatment System



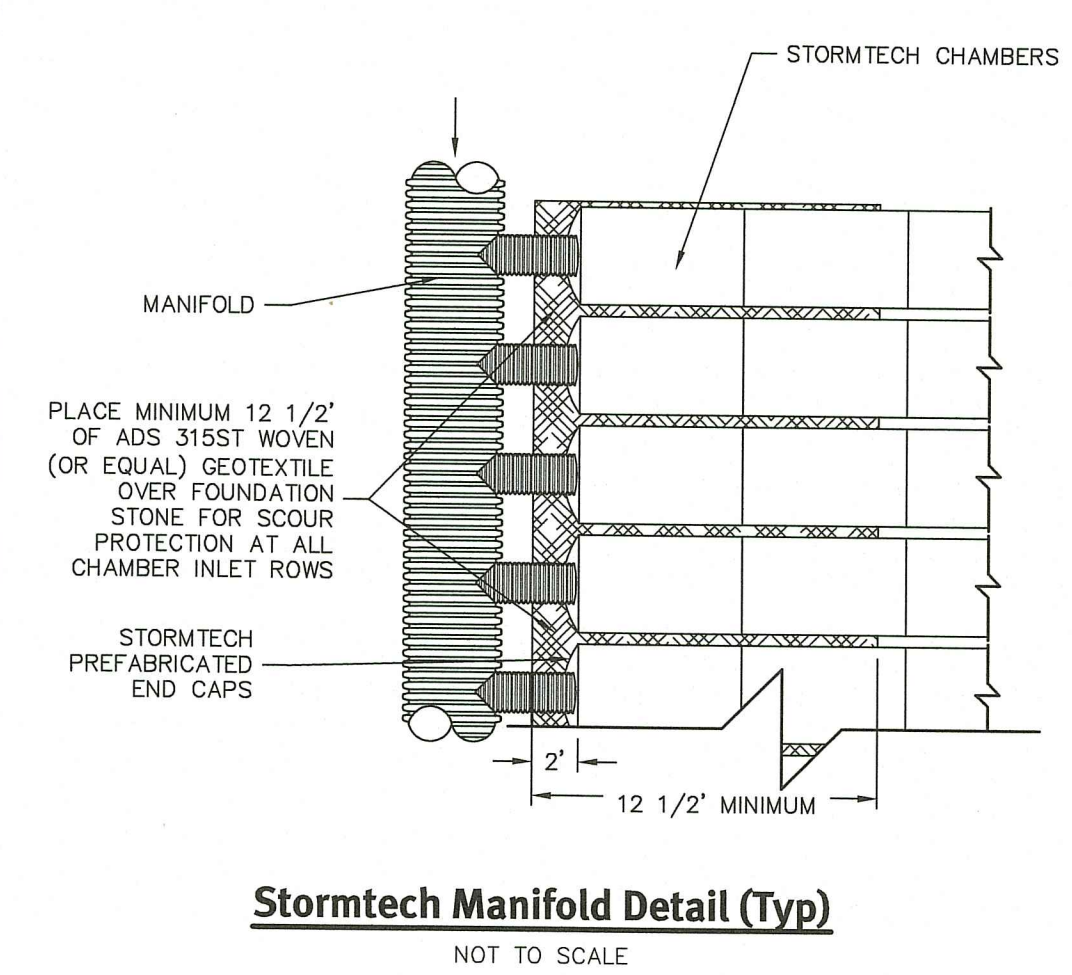
UTS Diversion Manhole - DMH Flat Top-15 (5' dia)



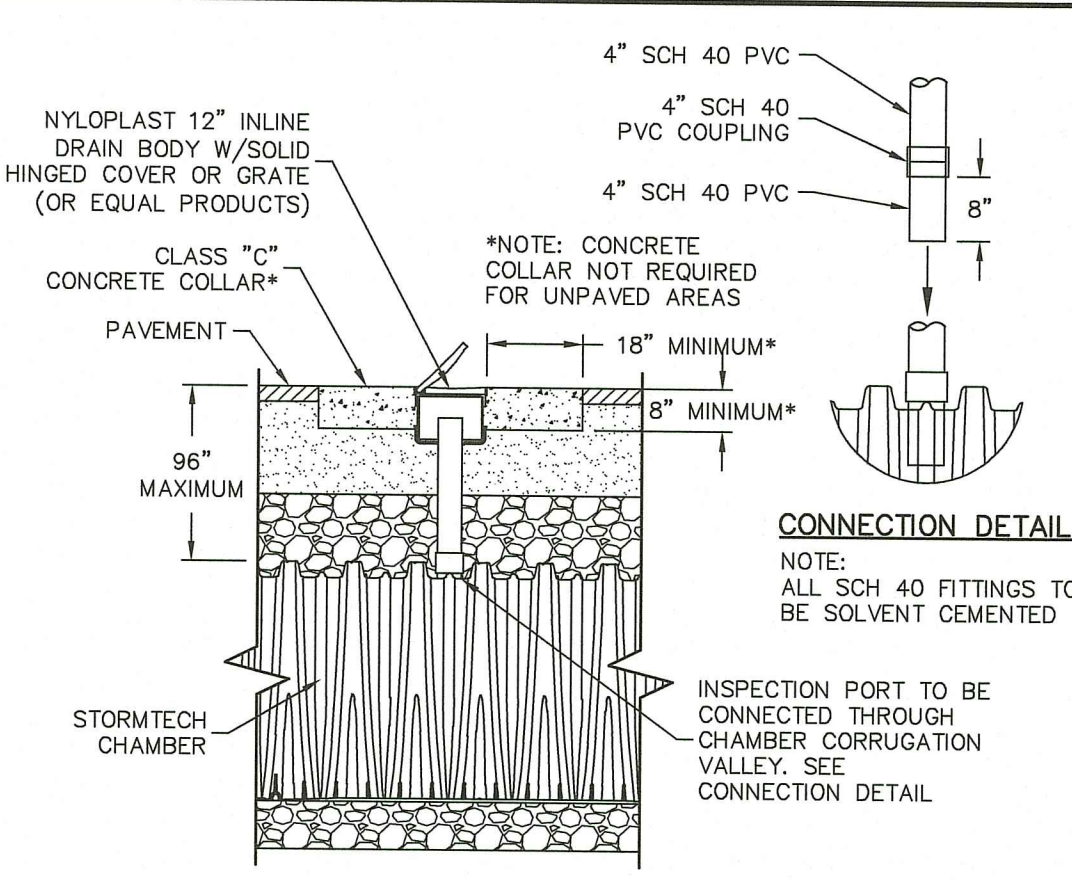
Outlet Control Structure DMH-21 (6' dia) Plan



Outlet Control Structure DMH-21 (6' dia) - Cross Section A-A



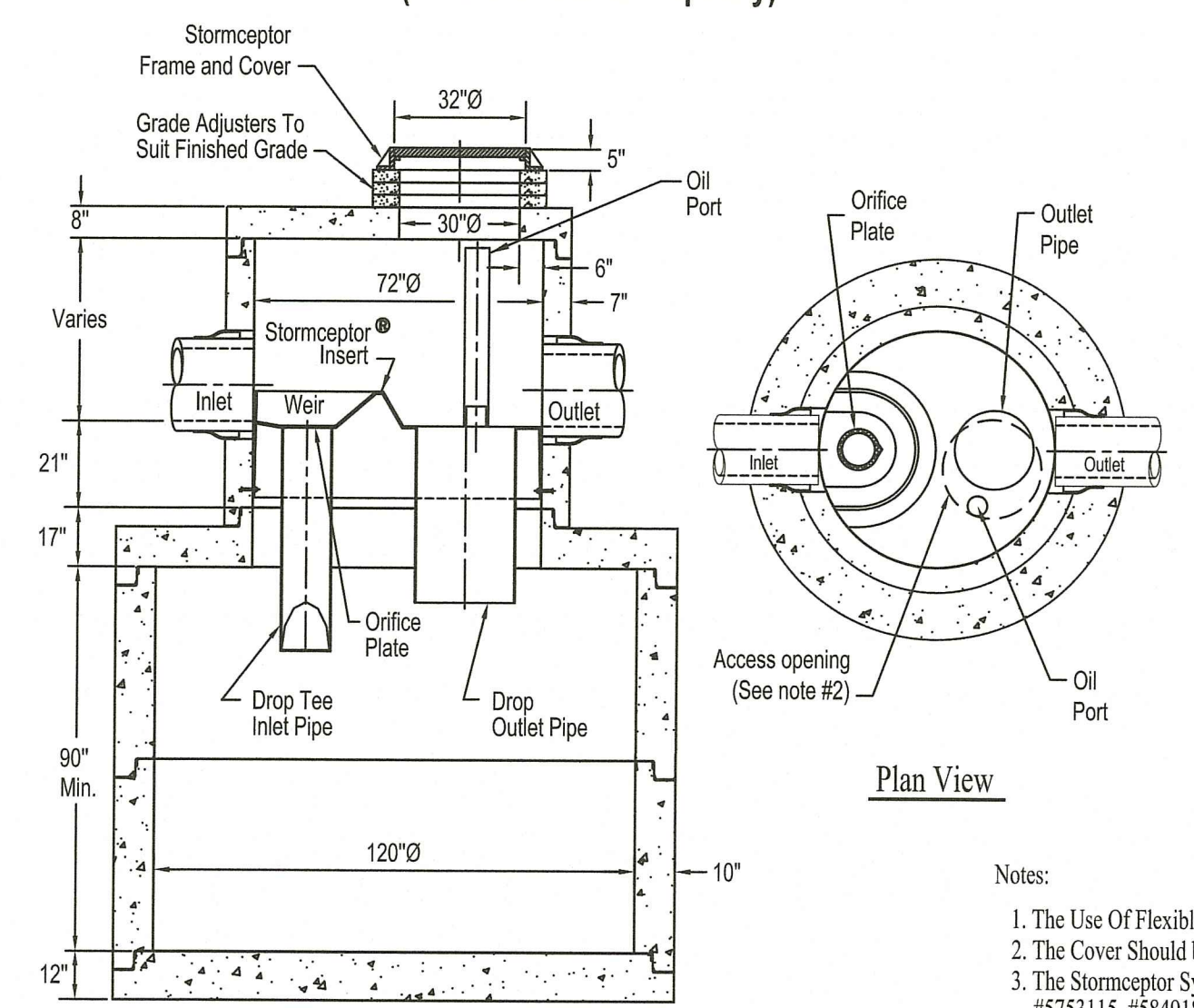
Stormtech Manifold Detail (Typ)



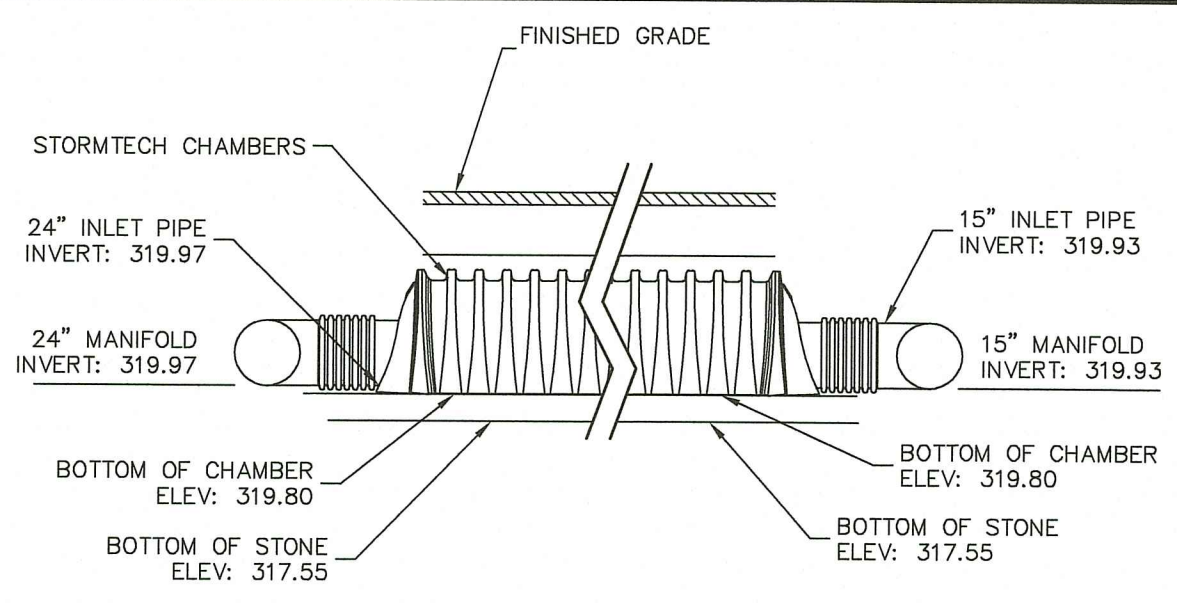
Stormtech General Inspection Port Detail

Rinker Concrete Pipe Division

STC 4800 Precast Concrete Stormceptor (4800 U.S. Gallon Capacity)



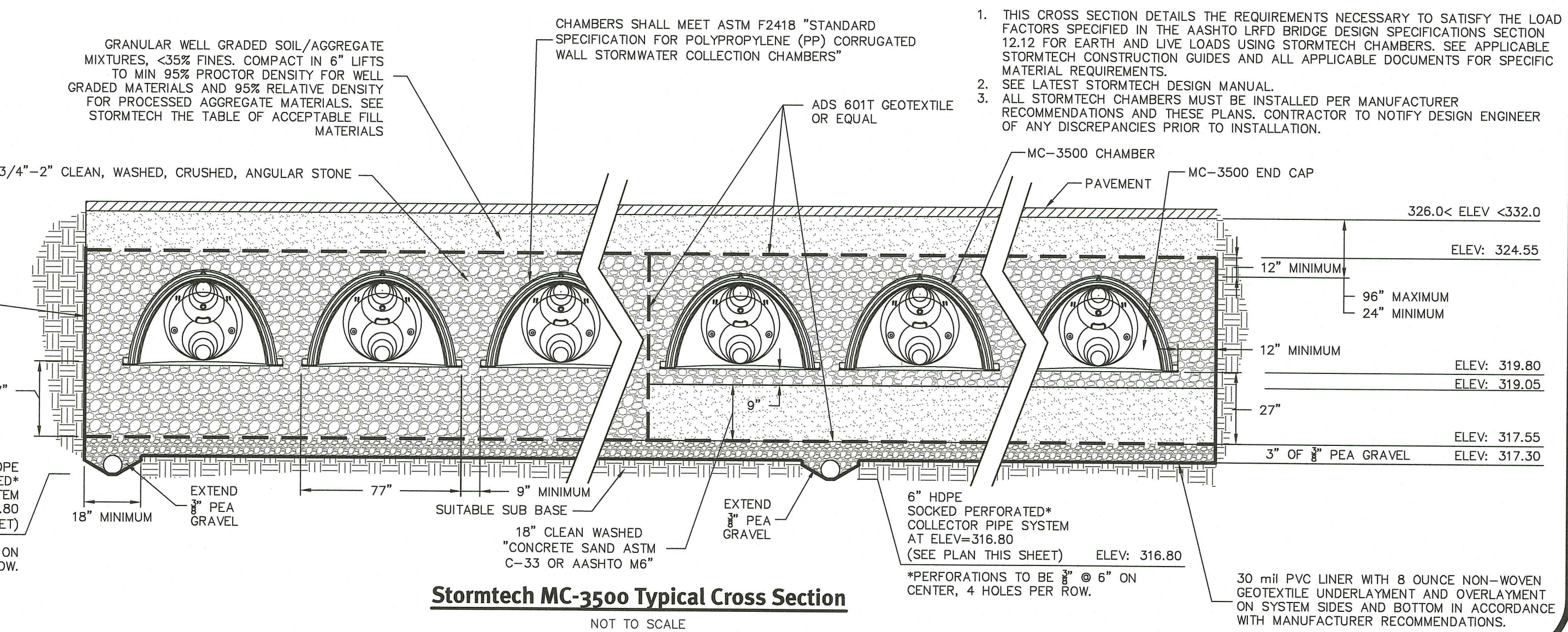
- Notes:
- The Use Of Flexible Connection is Recommended at the Inlet and Outlet Where Applicable.
 - The Cover Should be Positioned Over The Outlet Drop Pipe and The Oil Port.
 - The Stormceptor System is protected by one or more of the following U.S. Patents: #5753115, #5849181, #6068765, #6371690, #7582216, #7666303.
 - Contact a Concrete Pipe Division representative for further details not listed on this drawing.



Stormtech Elevation (Detention Chambers)

DESCRIPTION	WQ	QP
TOP OF STONE ELEVATION	324.55	324.55
BOTTOM OF SAND/STONE ELEVATION	317.55	317.55
100 YEAR STORM ELEVATION	323.98	323.96
25 YEAR STORM ELEVATION	322.19	321.79
10 YEAR STORM ELEVATION	321.98	321.11
2 YEAR STORM ELEVATION	321.67	320.33
1 YEAR STORM ELEVATION	321.58	318.77
WQ STORM ELEVATION	320.56	317.55
SEASONAL HIGH GWT ELEVATION*	325.00	325.00
SOIL EVALUATION	TH-2	TH-2

*NOTE: GROUNDWATER SUBDRAIN SYSTEM IS PROPOSED.



Stormtech MC-3500 Typical Cross Section

- NOTES:
- THIS CROSS SECTION DETAILS THE REQUIREMENTS NECESSARY TO SATISFY THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS SECTION 12.12 FOR EARTH AND LIVE LOADS USING STORMTECH CHAMBERS. SEE APPLICABLE STORMTECH CONSTRUCTION GUIDES AND ALL APPLICABLE DOCUMENTS FOR SPECIFIC MATERIAL REQUIREMENTS.
 - SEE LATEST STORMTECH DESIGN MANUAL.
 - ALL STORMTECH CHAMBERS MUST BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AND THESE PLANS. CONTRACTOR TO NOTIFY DESIGN ENGINEER OF ANY DISCREPANCIES PRIOR TO INSTALLATION.

DiPrete Engineering

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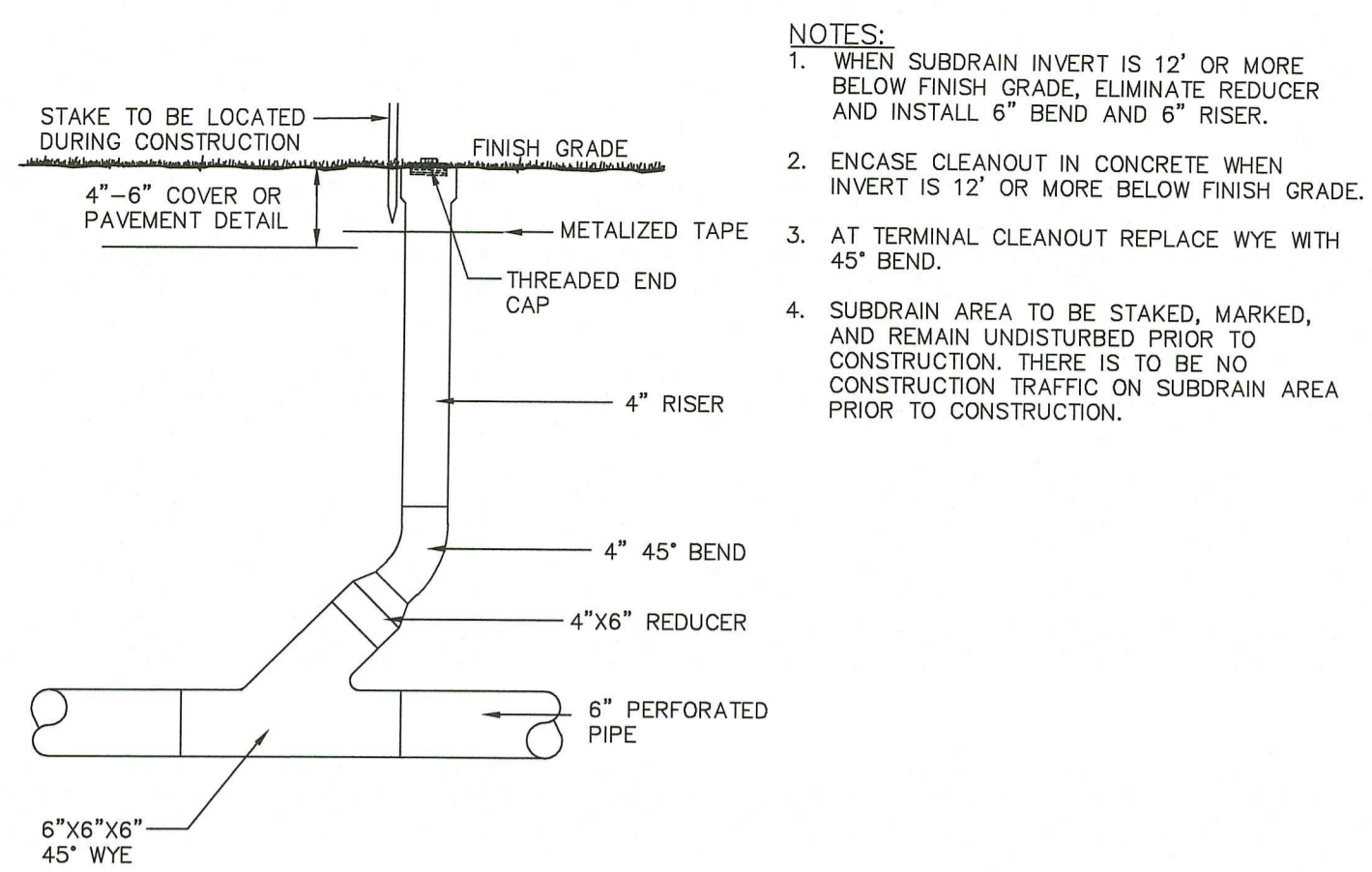
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Environmental Management
MAR 22 2019
Office of Water Resources

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OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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DATED APR 1 2019 FILE # 19-0039
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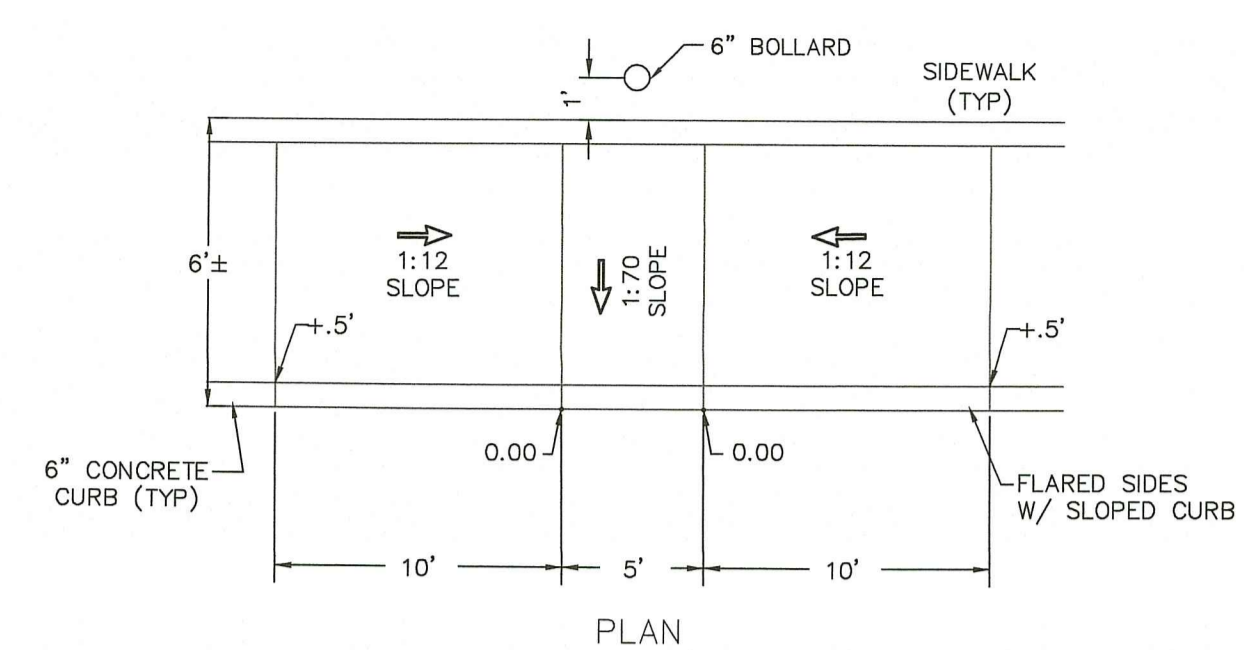
No.	Date	Description	By
1	03/22/2019	Issue for Construction	Design By: P.A.A.
2	03/22/2019	Issue for Construction	Design By: P.A.A.
3	03/22/2019	Issue for Construction	Design By: P.A.A.
4	03/22/2019	Issue for Construction	Design By: P.A.A.
5	03/22/2019	Issue for Construction	Design By: P.A.A.
6	03/22/2019	Issue for Construction	Design By: P.A.A.
7	03/22/2019	Issue for Construction	Design By: P.A.A.
8	03/22/2019	Issue for Construction	Design By: P.A.A.
9	03/22/2019	Issue for Construction	Design By: P.A.A.
10	03/22/2019	Issue for Construction	Design By: P.A.A.

Stormtech Details
Seasons Corner Market
Assessor's Plat 88 Lot 75
Scituate, Rhode Island
Prepared for
Colbea Enterprises, LLC
7 Scituate Hwy, Cranston, Rhode Island 02921
Tel: 401-943-2259
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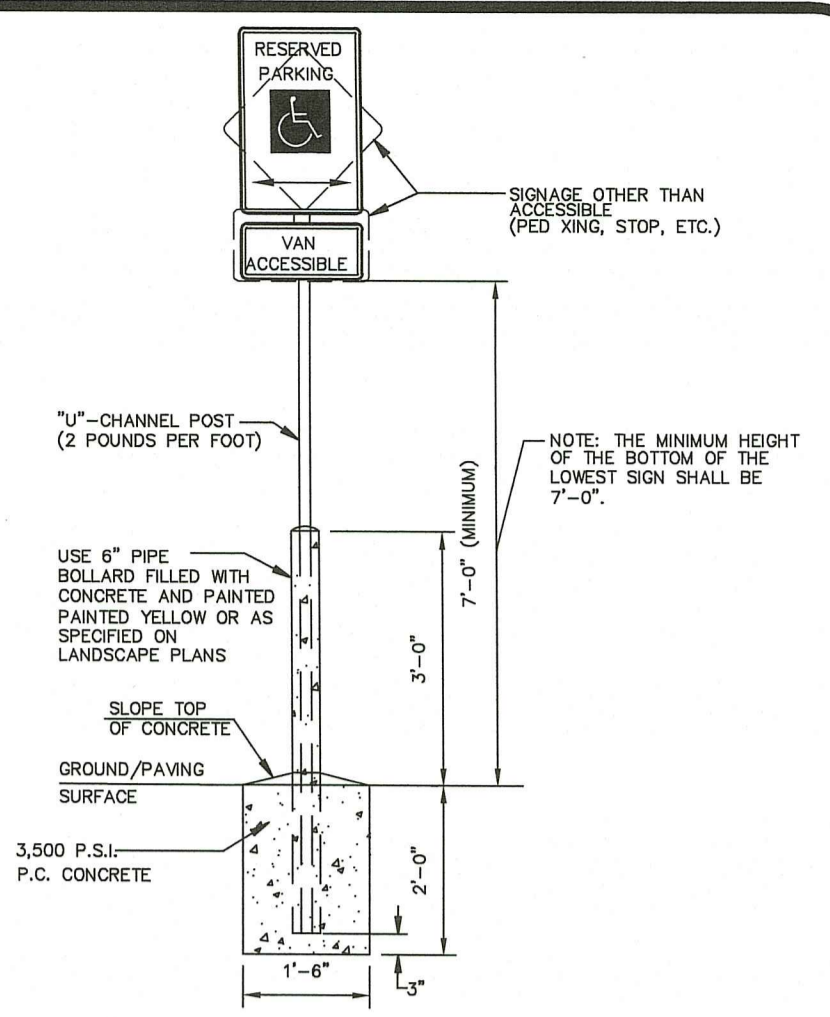
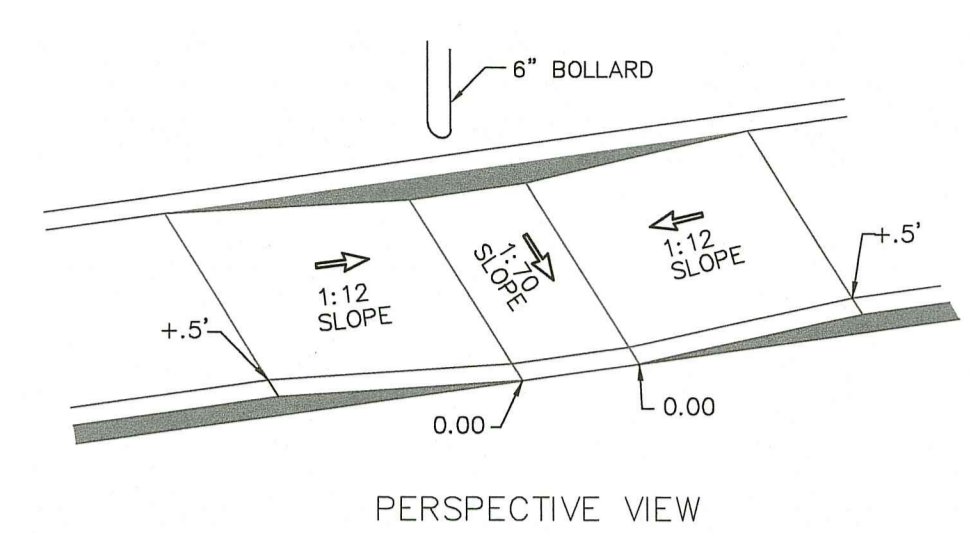


6\"/>

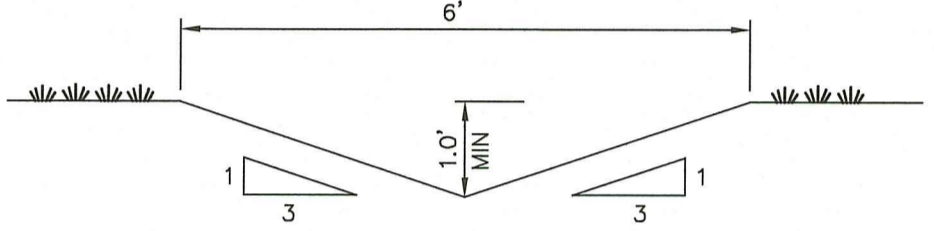
- NOTES:**
1. WHEN SUBDRAIN INVERT IS 12' OR MORE BELOW FINISH GRADE, ELIMINATE REDUCER AND INSTALL 6\"/>



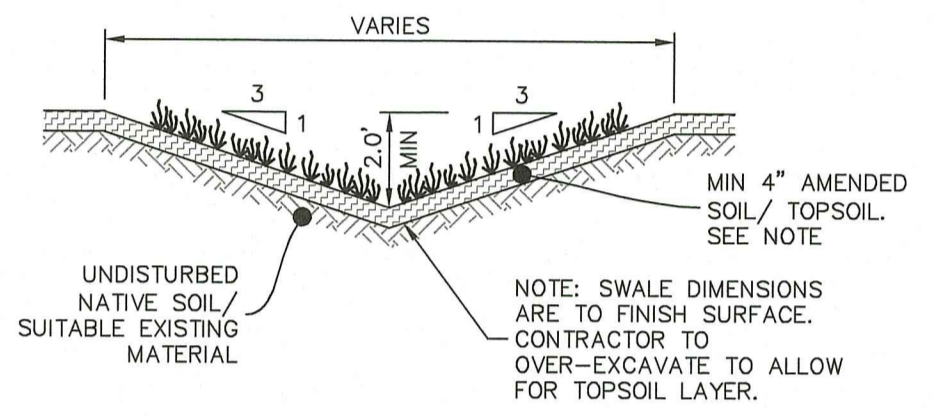
Typical Accessible Curb Ramp
NOT TO SCALE



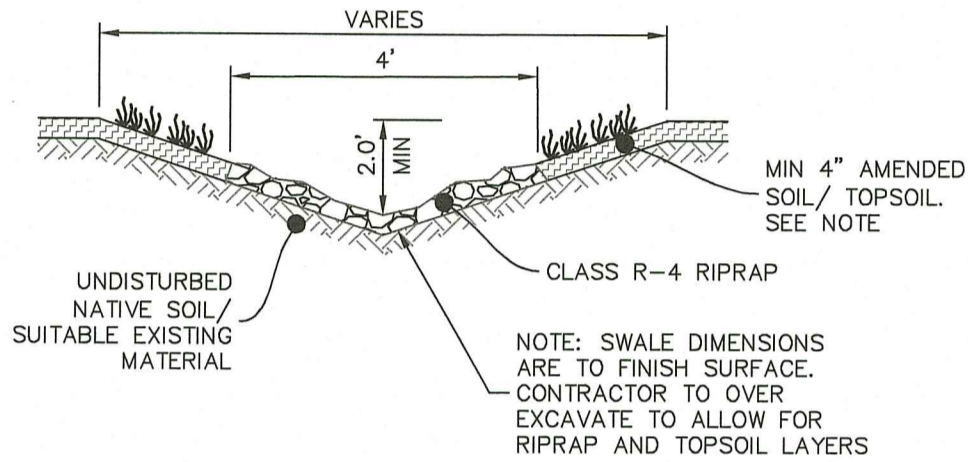
Bollard Mounted Sign Detail
NOT TO SCALE



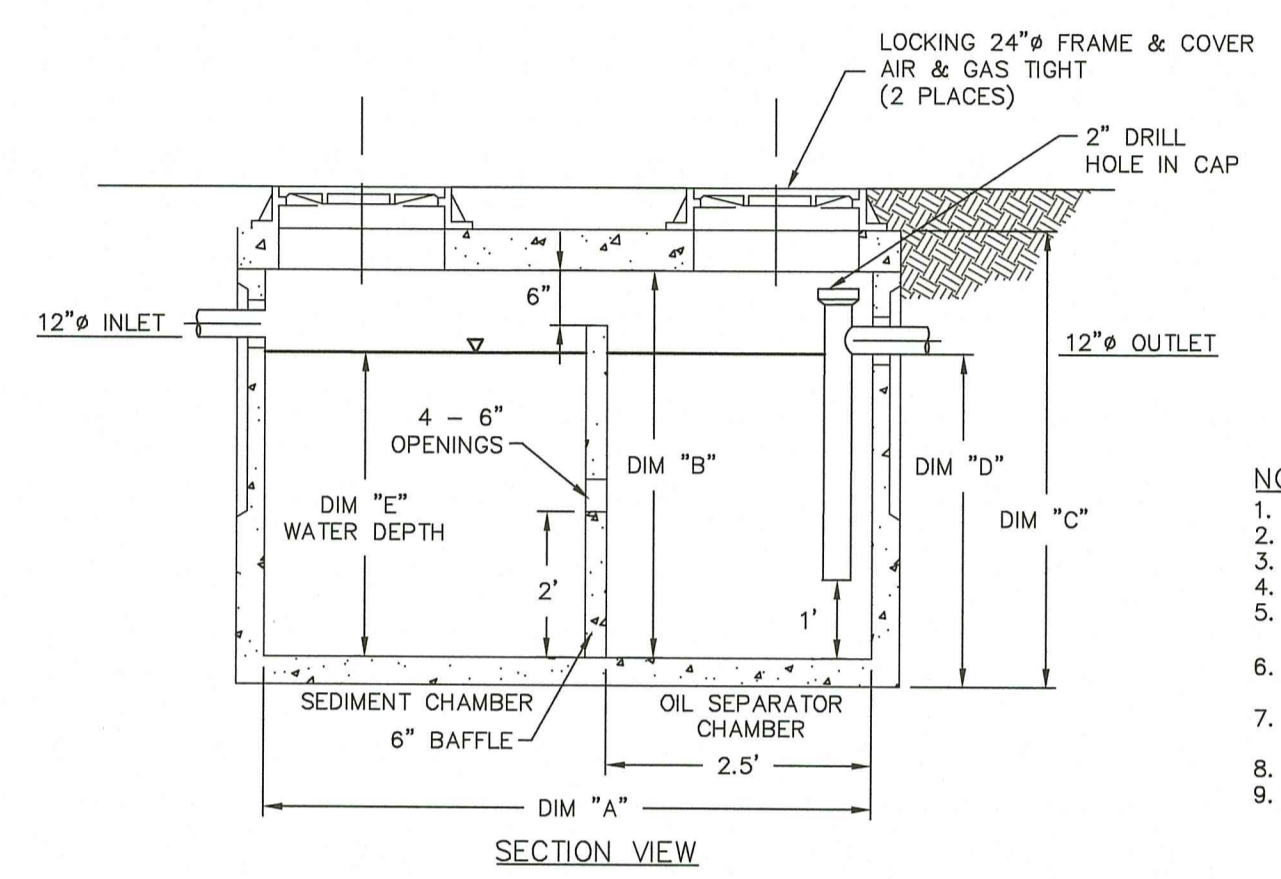
Temporary Diversion Channel
NOT TO SCALE



Swale Cross Section A
NOT TO SCALE



Swale Cross Section B
NOT TO SCALE



1,000 Gallon Oil/Water Separator (Old Castle Precast or Approved Equal)
NOT TO SCALE

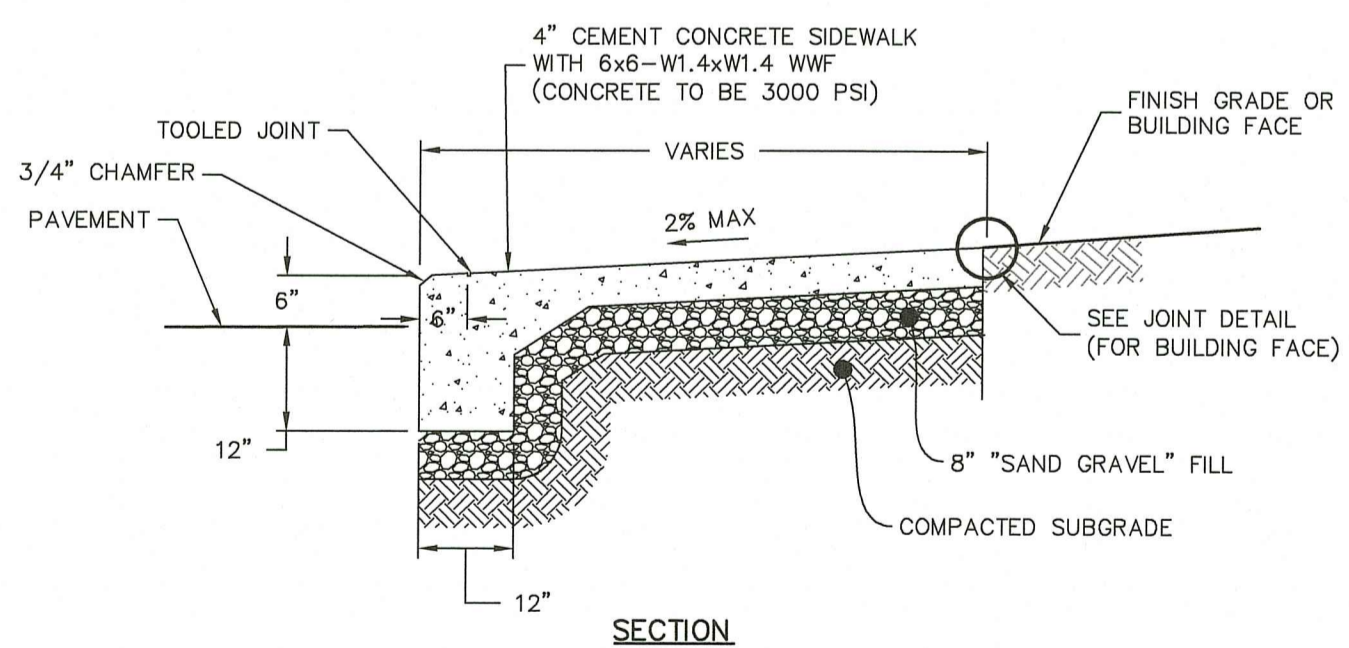
GALLON CAPACITY	MODEL NO.
1000	OW-1000
6'-0" SQ.	
5'-0"	
6'-0"	
4'-6"	
4'-0"	

- NOTE:**
1. CONCRETE: 28 DAY COMPRESSIVE STRENGTH $f'_c = 5000$ PSI
 2. REBAR: ASTM A-615 GRADE 60
 3. DESIGN: ASTM C-858 AND ACI 318
 4. LOADS: AASHTO H-20 TRUCK WHEEL WITH 30% IMPACT PER AASHTO
 5. CONTRACTOR TO SUPPLY AND INSTALL ALL PIPING AND SAMPLING TEES
 6. CONSTRUCTION JOINT SEALANT 1" DIA. BUTYL RUBBER OR EQUIVALENT
 7. INTERIOR OF TANK IS COATED WITH PETROLEUM RESISTANT EPOXY SEALANT
 8. BAFFLE TO BE TIGHTLY SEALED AT SIDEWALLS AND AT THE ROOF
 9. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO DESIGN ENGINEER FOR APPROVAL PRIOR TO ORDERING OIL/WATER SEPARATOR (OW-1000)

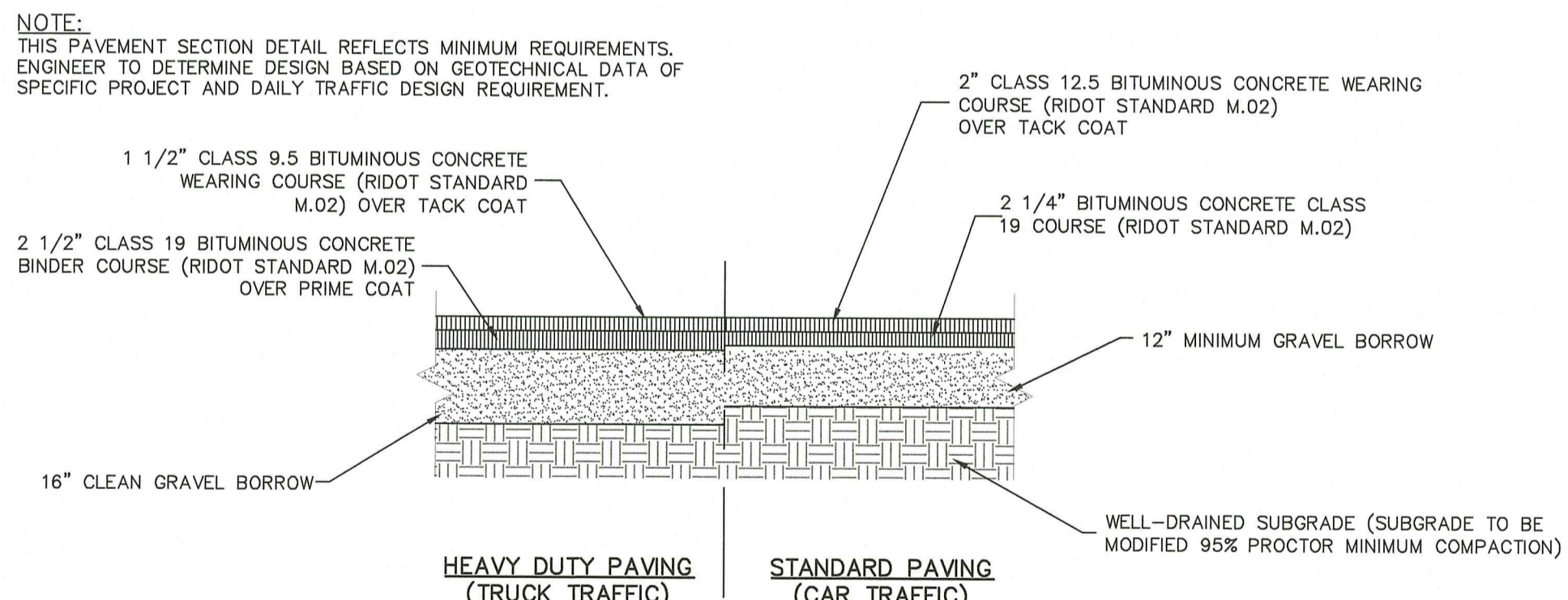
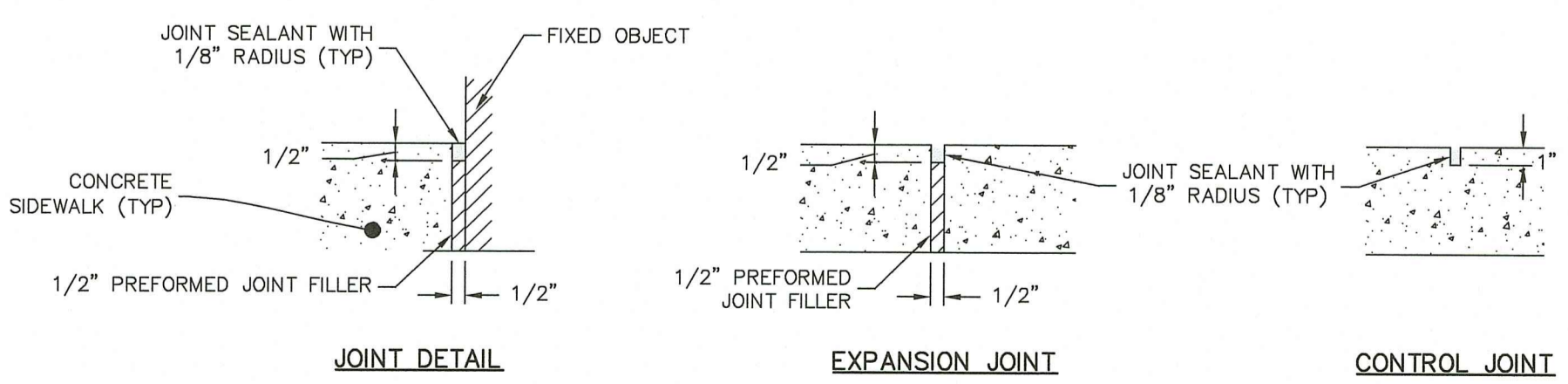
- NOTE:**
1. SEE SITE PLAN FOR SIDEWALK WIDTH AND GRADES.
 2. SURFACE TEXTURE SHALL BE A LIGHT BROOMING, TRANSVERSE TO THE LENGTH OF THE WALK. CARE SHALL BE TAKEN TO ASSURE A UNIFORM GRADE, FREE OF SAGS AND SHORT GRADE CHANGES.
 3. ALL IMPROVEMENTS SHALL COMPLY WITH THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG)" BY THE DEPARTMENT OF JUSTICE.
 4. PROVIDE EXPANSION JOINTS AT MIN. 16 FT. O.C. WITH PREFORMED JOINT FILLER AND SEALANT.
 5. PROVIDE CONTROL JOINTS AT 5' O.C.
 6. SHALL BE IN ACCORDANCE WITH THE R.I. STANDARD SPECIFICATIONS.

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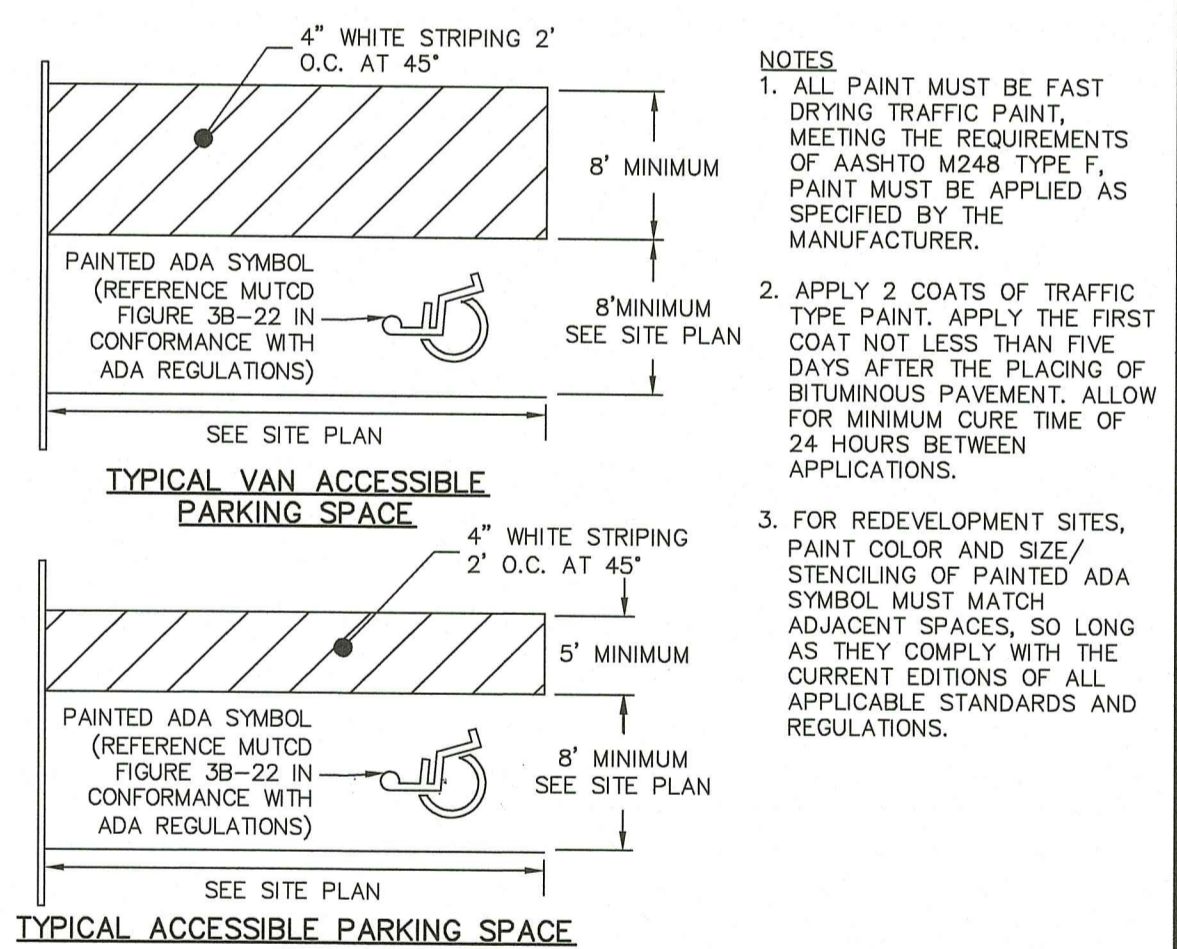
Chris A. [Signature]



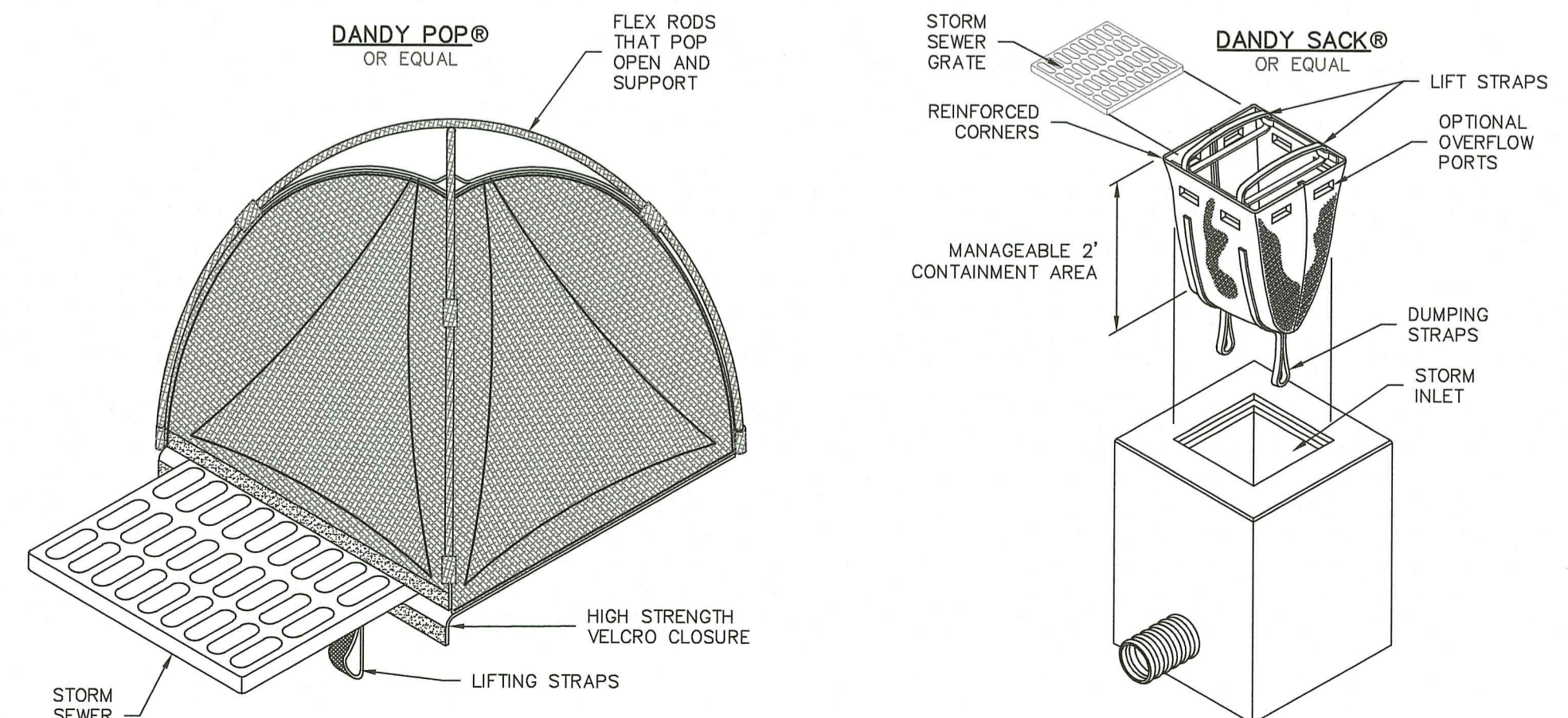
Monolithic Concrete Sidewalk
NOT TO SCALE



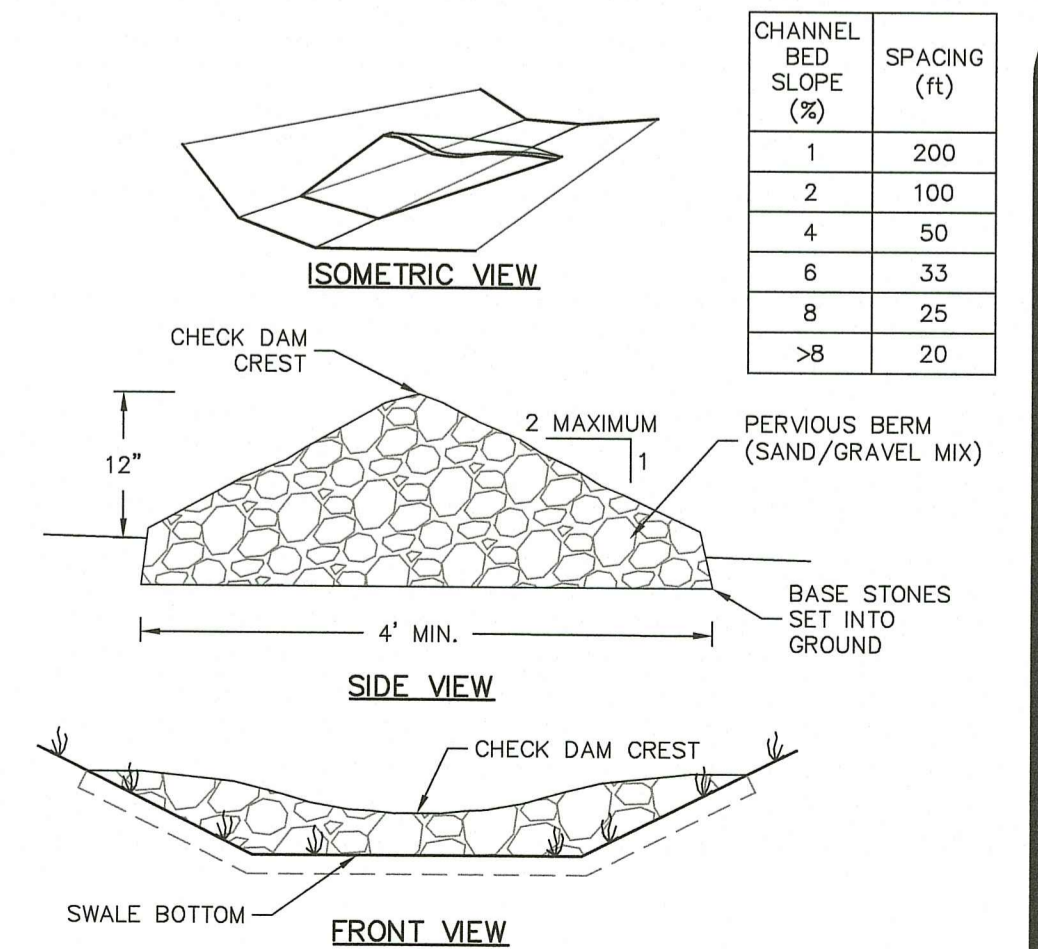
Typical Pavement Section
NOT TO SCALE



Typical Accessible Parking Spaces
NOT TO SCALE



Inlet Sediment Control Devices
NOT TO SCALE



Stone Check Dam
NOT TO SCALE

CHANNEL BED SLOPE (%)	SPACING (ft)
1	200
2	100
4	50
6	33
8	25
>8	20

Seasons Corner Market
Assessor's Plat 38 Lot 75
Scituate, Rhode Island
Prepared for
Colbea Enterprises, LLC
7 Scituate Hwy, Cranston, Rhode Island 02921
tel. 401-949-2269

BRIAN C. GIROUX
3341
REGISTERED PROFESSIONAL ENGINEER CIVIL
1/20/2019

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

No.	Date	Description	By	Design By: P.A.A.
1	11/25/2019	REVISION TO COMMENTS	P.A.A.	
2	11/25/2019	REVISION TO COMMENTS	P.A.A.	
3	11/25/2019	REVISION TO COMMENTS	P.A.A.	
4	11/25/2019	REVISION TO COMMENTS	P.A.A.	
5	11/25/2019	REVISION TO COMMENTS	P.A.A.	
6	11/25/2019	REVISION TO COMMENTS	P.A.A.	
7	11/25/2019	REVISION TO COMMENTS	P.A.A.	
8	11/25/2019	REVISION TO COMMENTS	P.A.A.	
9	11/25/2019	REVISION TO COMMENTS	P.A.A.	
10	11/25/2019	REVISION TO COMMENTS	P.A.A.	

DiPrete Engineering
Two Stafford Court, Cranston, RI 02920
tel. 401-949-1000, fax. 401-464-6006, www.diprete-eng.com
Boston • Providence • Newport

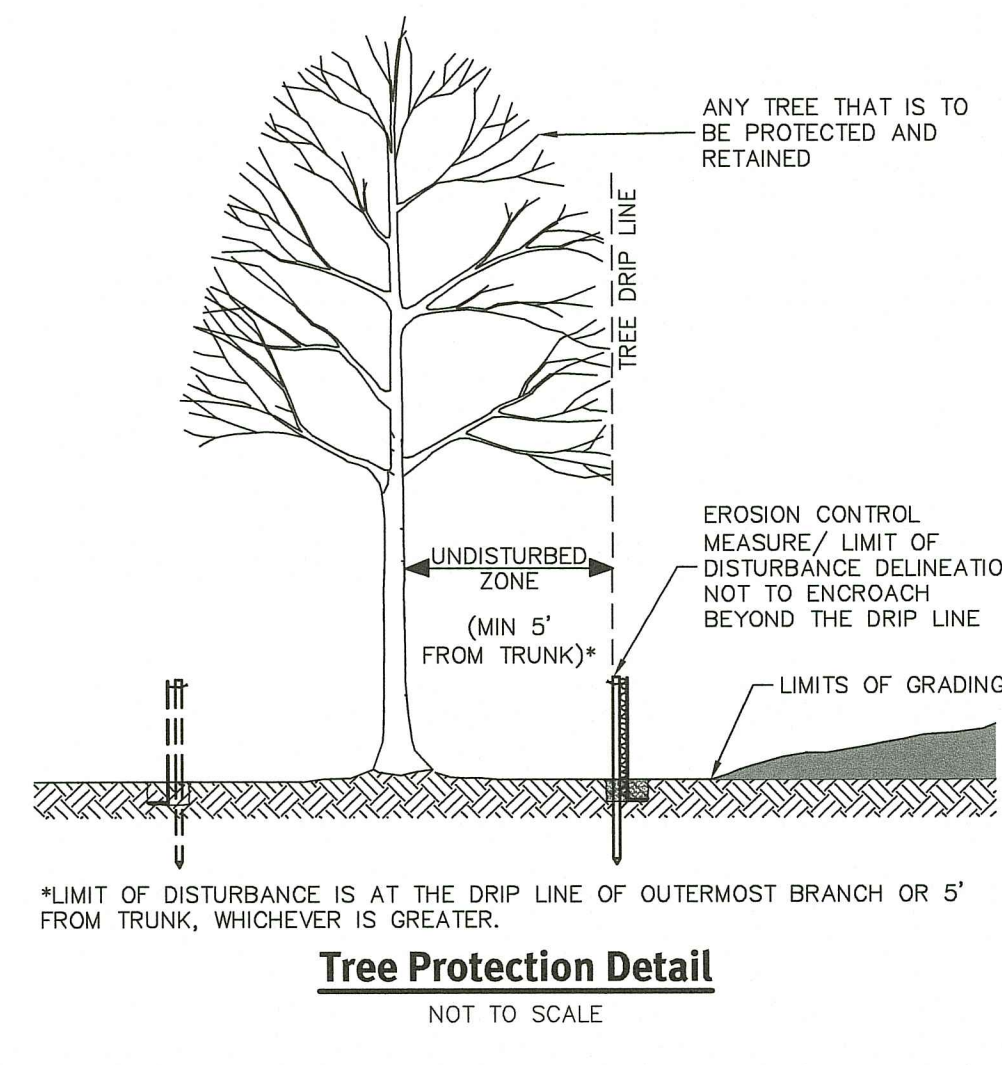
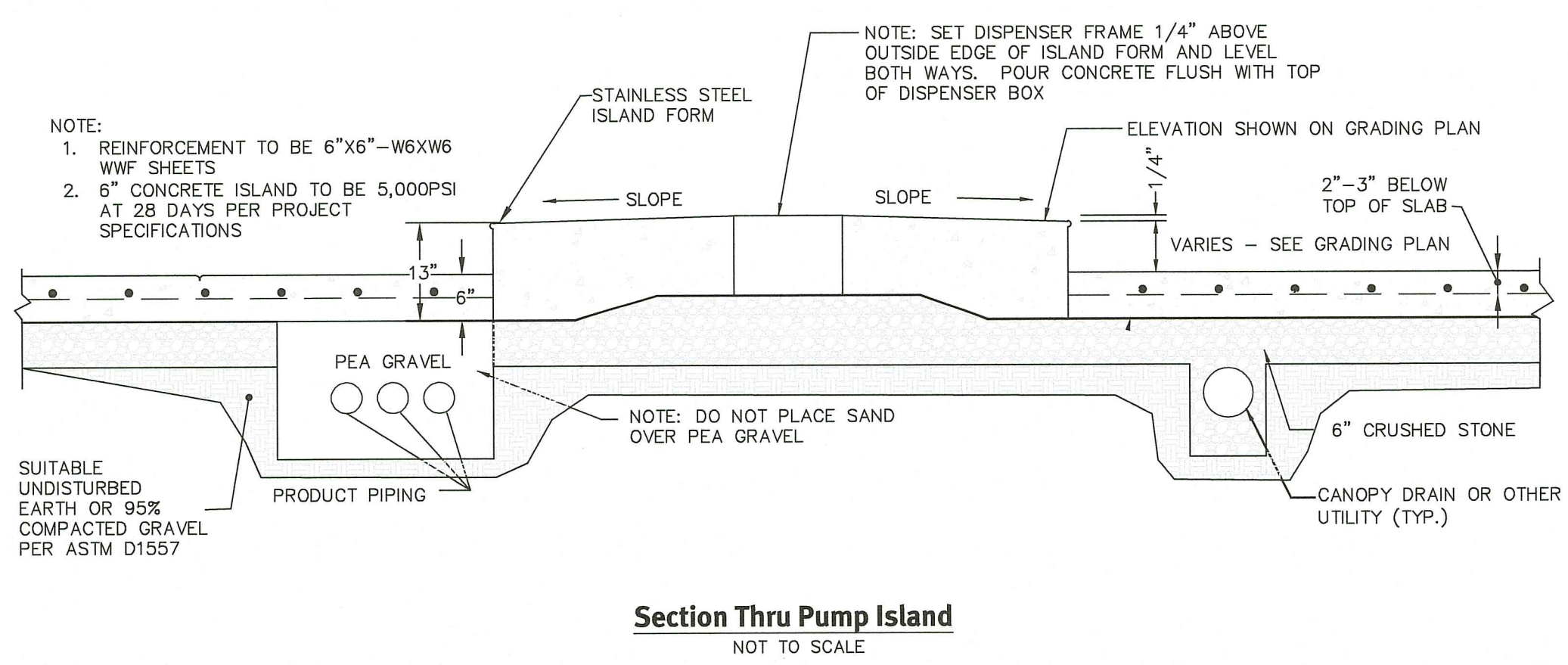
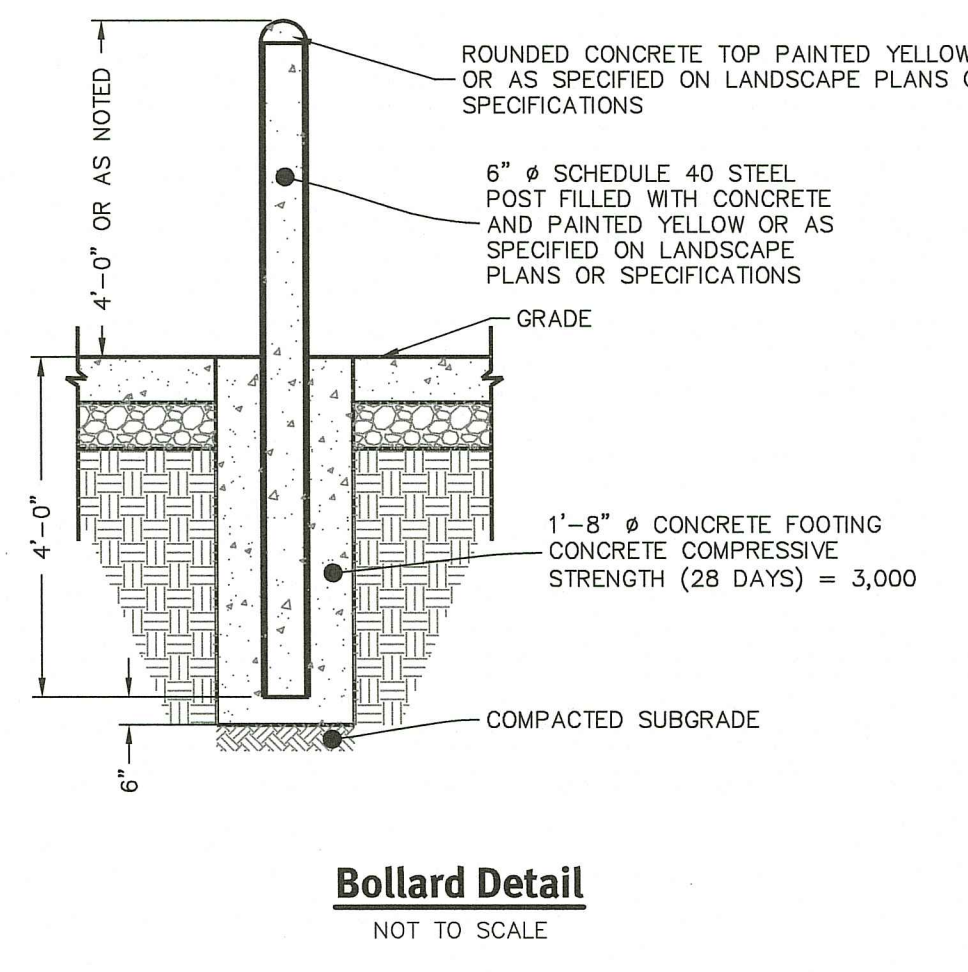
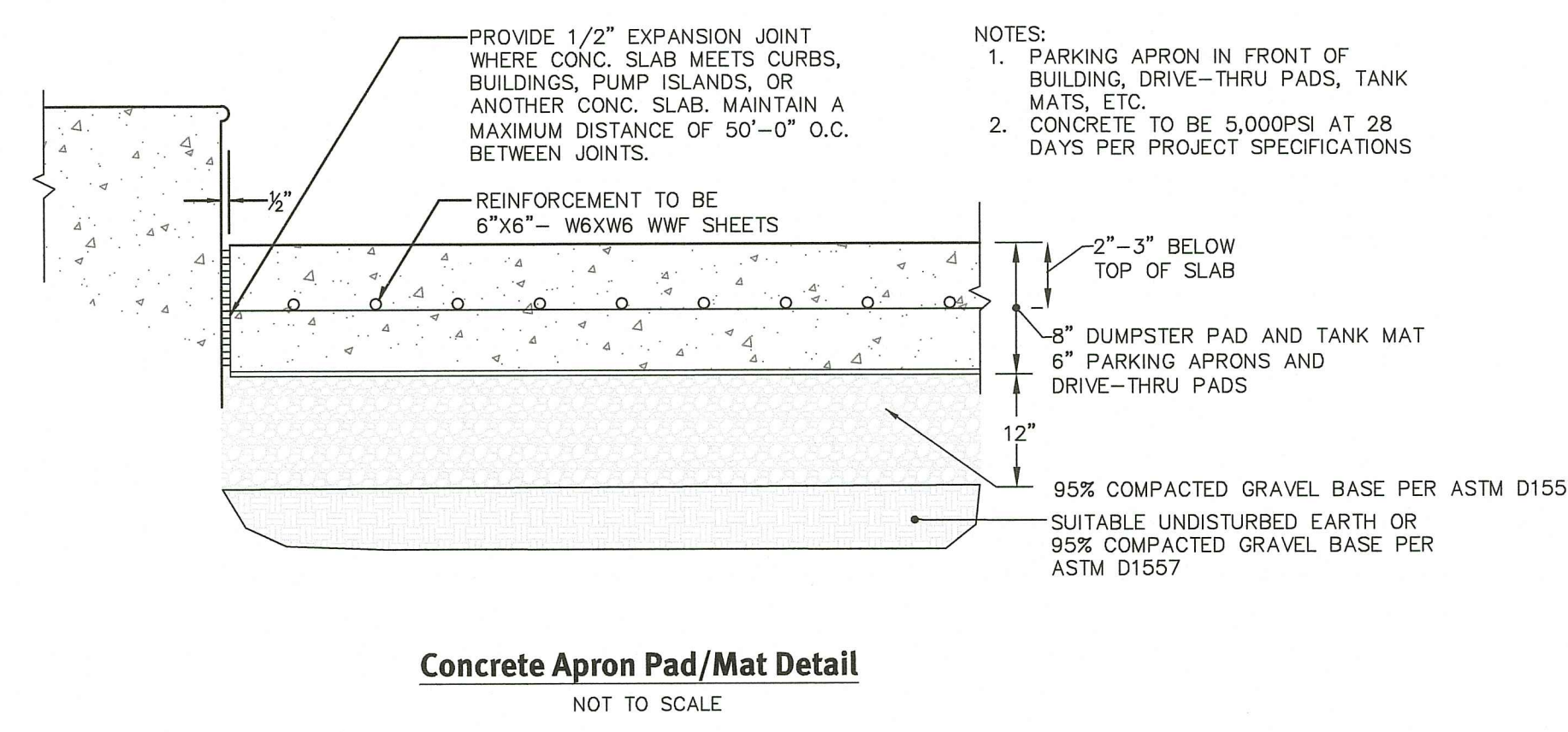
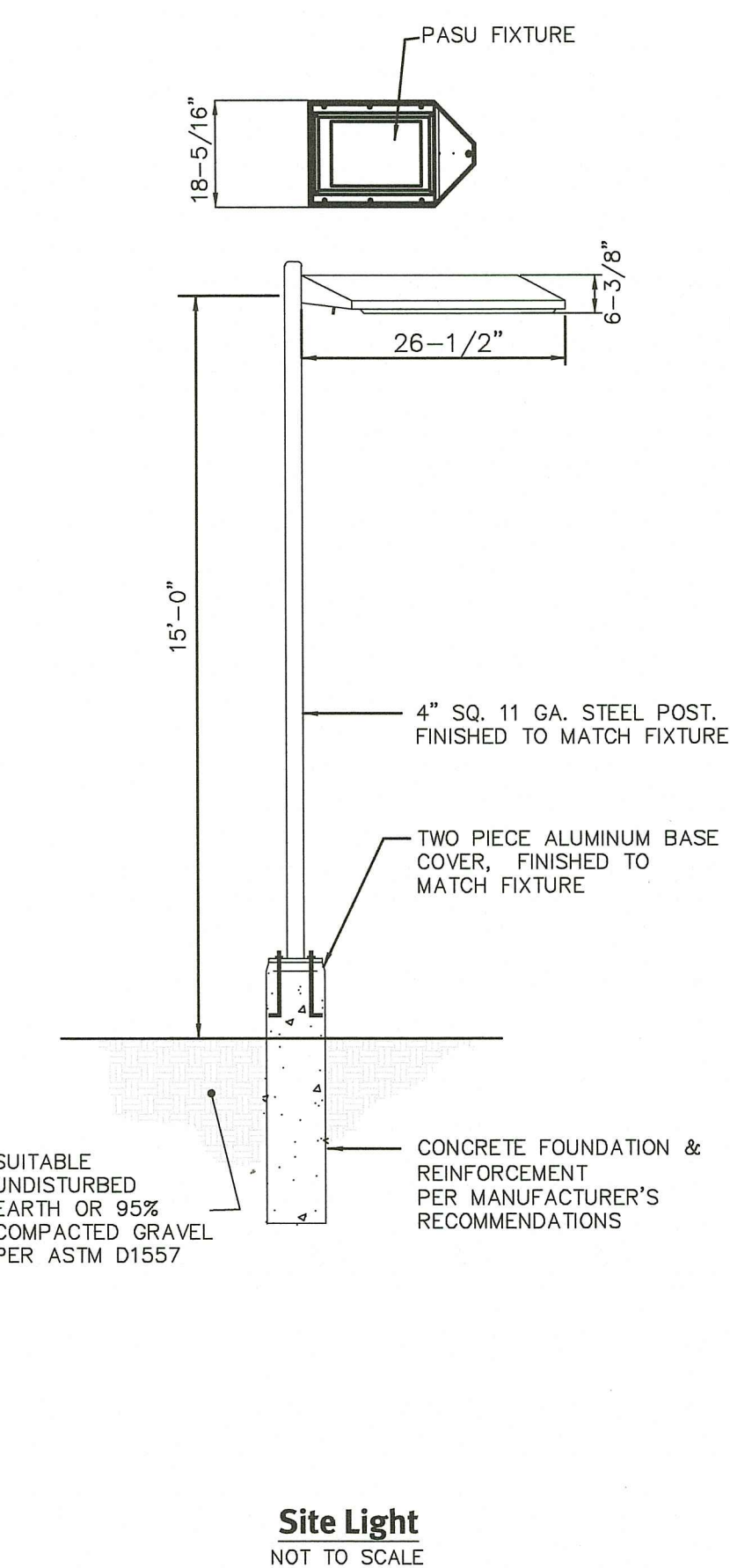
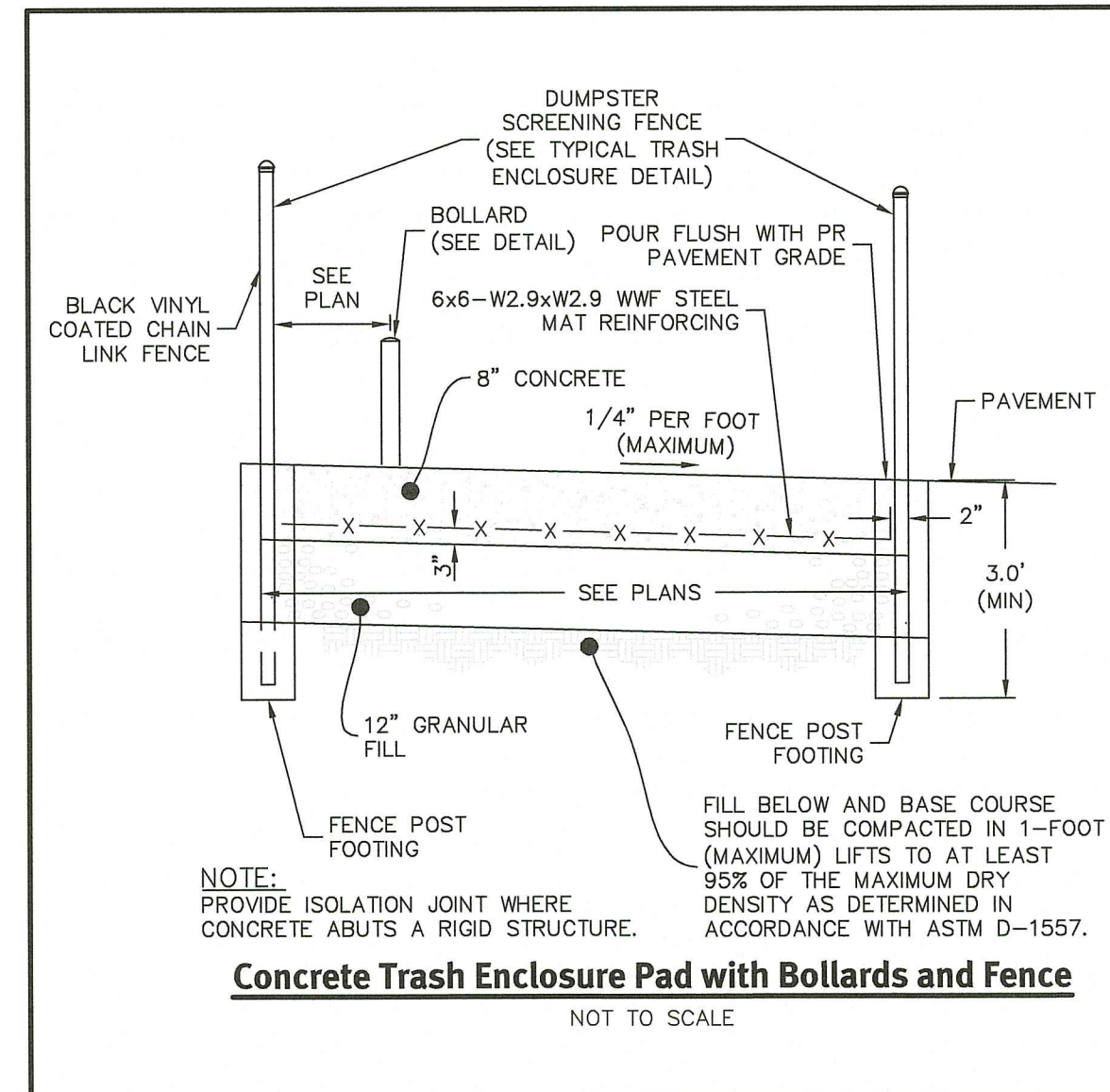
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z:\main\projects\0831-001_burford_avenue_seasonal\autocad drawing\0831-001-conr.dwg Plotted: 3/22/2019

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED MAR 1 2019 FILE # 19-0059
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hester

Environmental Management
 MAR 22 2019
 Office of Water Resources



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

No.	Date	Description	By
1.	08/12/2018	Initial Design	B.C.G.
2.	08/12/2018	Revised Design	B.C.G.
3.	08/12/2018	Final Design	B.C.G.
4.	08/12/2018	Final Design	B.C.G.
5.	08/12/2018	Final Design	B.C.G.
6.	08/12/2018	Final Design	B.C.G.

Design By: P.A.A.
 Drawn By: P.A.A.

AP 38, LOT 14
N/F
VENTICINQUE, DEAN ET UX.
FANNING ALLISON J. (TE)

PROPERTY LINE (TYP.)

EXISTING
VEGETATION TO
REMAIN

EXISTING
VEGETATION TO
REMAIN

RIDGEWOOD DRIVE

PROPERTY LINE (TYP.)

RIP RAP - SEE
ENGINEER'S
PLAN

RIP RAP - SEE
ENGINEER'S
PLAN

RIP RAP - SEE
ENGINEER'S
PLAN

PROPOSED
SEASONS CORNER
MARKET

APPROXIMATE LOCATION OF OWTS
(NO RECORDS FOUND)

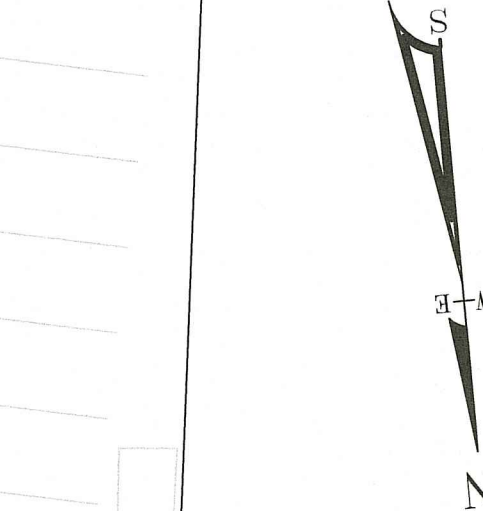
EXISTING

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED APR 1 2019 FILE # 19-0039
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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Charles A. Carter

Environmental Management
MAR 22 2019
Office of Water Resources

AP 38, LOT 21
N/F
CINDY'S REALTY INC.



HARTFORD AVENUE

NOTES:

GENERAL:

1. THE EXISTING SITE INFORMATION WAS TAKEN FROM A PLAN PREPARED BY DIPRETE ENGINEERING TITLED 'GRADING AND SURFACE DRAINAGE PLAN', AT A SCALE OF 1" = 20', DATED 1-31-2019, AND FROM OBSERVATIONS PERFORMED BY JOHN C. CARTER & CO.
2. ANY PROPERTY LINES DEPICTED ON THIS PLAN ARE PICTORIAL ONLY. THIS PLAN IS TO BE USED FOR THE SELECTION, LOCATION AND INSTALLATION OF LANDSCAPE MATERIALS ONLY AND IS NOT TO BE USED FOR ANY OTHER PURPOSE. ALL FOUNDATIONS, RETAINING WALLS AND DRAINAGE COMPONENTS SHALL BE STAKED OUT BY THE ENGINEER OR SURVEYOR.
3. WRITTEN DIMENSIONS AND SPECIFICATIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. THE LOCATION OF UTILITIES IF SHOWN ON THIS PLAN ARE APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES BEFORE ANY EXCAVATION. DIG-SAFE SHALL BE CONTACTED AT LEAST 12 HOURS BEFORE EXCAVATION. DIG-SAFE CAN BE REACHED AT 1-888-344-1238.

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE
AS	3	ACER RUBRUM 'OCTOBER GLORY' TM	OCTOBER GLORY MAPLE	2-2 1/2' GAL
BH	3	BETULA NIGRA 'HERITAGE' - MULTI-STEM	HERITAGE RIVER BIRCH	2-2 1/2' GAL
LS	2	LIQUIDAMBAR STYRACIFLUA	AMERICAN SWEET GUM	2-2 1/2' GAL
PS	6	PINUS STROBUS	WHITE PINE	6-8' HT
TP	22	THUJA PLIGATA	GIANT WESTERN ARBORVITAE	8-10' HT.
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE
JO	6	JUNIPERUS VIRGINIANA 'GREY OWL'	GREY OWL RED CEDAR	18-24" HT
MN	24	MORELLA PENNSYLVANICA	NORTHERN BAYBERRY	24-30" HT.
SI	24	SPIRAEA JAPONICA 'DOUBLE PLAY DOOZIE'	JAPANESE SPIREA	18-24" HT
TD	1	THUJA OCCIDENTALIS 'NIGRA'	DARK AMERICAN ARBORVITAE	5-6' HT
ANNUALS/PERENNIALS	QTY	BOTANICAL NAME	COMMON NAME	SIZE
NW	4	NEPETA X FAASSENII 'WALKERS LOW'	WALKERS LOW CATMINT	2 GAL
GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE
PV	21	PANICUM VIRGATUM	SWITCH GRASS	5 GAL

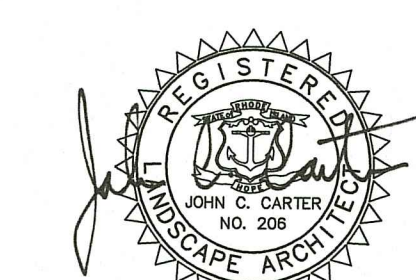
LANDSCAPE PLAN

PREPARED FOR:
SEASONS CORNER MARKET

LOCATED AT:

34 Hartford Avenue
A.P. 38, LOT 75

SCITUATE, RHODE ISLAND



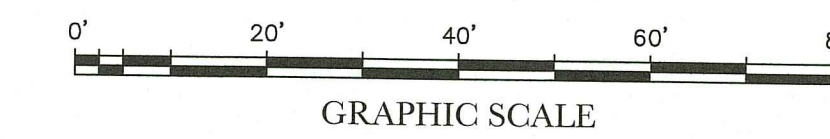
REVISIONS

SCALE: 1" = 20'
DATE: February 8, 2019

ISSUED FOR
PERMITTING

SHEET NUMBER

1 OF 2



NOTES:

GENERAL:

- THE EXISTING SITE INFORMATION WAS TAKEN FROM A PLAN PREPARED BY DIPRETE ENGINEERING TITLED 'GRADING AND SURFACE DRAINAGE PLAN', AT A SCALE OF 1" = 20', DATED 1-31-2019, AND FROM OBSERVATIONS PERFORMED BY JOHN C. CARTER & CO.
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- WRITTEN DIMENSIONS AND SPECIFICATIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS.
- THE LOCATION OF UTILITIES IF SHOWN ON THIS PLAN ARE APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES BEFORE ANY EXCAVATION. DIG-SAFE SHALL BE CONTACTED AT LEAST 12 HOURS BEFORE EXCAVATION. DIG-SAFE CAN BE REACHED AT 1-888-344-1233.

PLANTING BED PREPARATION:

ALL PLANTING BEDS ARE TO BE TREATED AS FOLLOWS:

- ALL PLANTING BEDS ARE TO BE EXCAVATED TO A DEPTH OF 8" BELOW FINISHED GRADE.
- THE BOTTOM OF THE PLANTING BEDS ARE TO BE SCARIFIED TO ENCOURAGE DRAINAGE AND PREVENT COMPACTION.
- ALL PLANTING BEDS ARE TO BE BACKFILLED WITH 8" OF LOOSE, FRIABLE, ORGANIC LOAM OR COMPOST.

PLANTING:

- PROVIDE QUALITY PLANTS IN THE GENUS, SPECIES AND VARIETY INDICATED IN THE PLANT SCHEDULE, COMPLYING WITH APPLICABLE REQUIREMENTS OF ANSI Z66.1 AMERICAN STANDARD FOR NURSERY STOCK.
- PROVIDE PLANTS IN THE SIZE AND NUMBER INDICATED IN THE PLANT SCHEDULE. PLANTS SHALL BE GROWN IN NURSERIES LOCATED IN THE NORTHEASTERN U.S.
- DELIVER FRESH DIG TREES WHICH ARE BALLED AND BURLAPPED, AND SHRUBS WHICH ARE BALLED AND BURLAPPED OR IN NURSERY CONTAINERS. ALL PLANTS ARE TO BE HEALTHY, VIGOROUS AND FREE OF INSECTS AND DISEASE.
- PLANTS ARE TO BE INSTALLED AS SPECIFIED IN THE PLANTING DETAILS WITH ADEQUATE WATER PROVIDED DURING PLANTING TO ALLOW COMPACTION OF THE PLANTING SOIL TO PREVENT ANY AIR POCKETS OR SETTLEMENT AFTER PLANTING.
- ALL PLANTING BEDS ARE TO BE COVERED WITH 2" SHREDDED PINE BARK MULCH.
- AFTER THE TREES AND SHRUBS ARE PLANTED, THE DISTURBED AREAS BETWEEN THE PLANTING BEDS SHALL BE LOAMED AND SEEDED WITH A SEED MIX AS SPECIFIED IN THE LOAMING AND SEEDING NOTES.
- ALL DECIDUOUS AND EVERGREEN TREES OVER 5' TALL ARE TO BE STAKED AS SHOWN IN THE PLANTING DETAILS. TREES ARE TO REMAIN PLUMB AND SHALL BE ADJUSTED AS NEEDED. ALL STAKES AND ARBOR TIES ARE TO BE MAINTAINED AND ADJUSTED TO PREVENT GIRDLING OF THE TRUNK AND REMOVED WHEN NO LONGER NEEDED.
- RECOMMENDED PLANTING DATES ARE APRIL 15 TO JUNE 15 AND SEPTEMBER 15 TO NOVEMBER 15.
- PLANT SUBSTITUTIONS SHALL BE ALLOWED BASED ON AVAILABILITY. SUBSTITUTIONS MAY BE MADE ONLY WITH DIRECT APPROVAL FROM THE LANDSCAPE ARCHITECT OR OWNER.

MAINTENANCE & WARRANTY:

- THE CONTRACTOR SHALL WARRANTY ALL PLANTS FOR A PERIOD OF ONE YEAR AFTER THE DATE OF SUBSTANTIAL COMPLETION AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH.
- AFTER PLANTING IS COMPLETED, THE OWNER SHALL BE RESPONSIBLE TO PROVIDE ADEQUATE WATER TO ENSURE HEALTHY AND VIGOROUS GROWTH.
- ANY PLANT WHICH IS NOT HEALTHY AND GROWING VIGOROUSLY AFTER ONE YEAR SHALL BE REPLACED BY THE CONTRACTOR IN CONFORMANCE WITH THE PLANTING SPECIFICATIONS.
- IF NECESSARY, THE CONTRACTOR SHALL OVERSEED OR SOD ANY AREAS WHICH ARE NOT SUBSTANTIALLY COVERED BY ADEQUATE GRASS GROWTH FOR ONE YEAR AFTER THE INITIAL SEED APPLICATION.

LOAMING & SEEDING:

- AREAS ON THE PLAN WHICH ARE LABELED AS "GRASS" ARE TO BE SEEDED.
- AFTER ROUGH GRADING IS COMPLETED, ALL DISTURBED AREAS WHICH ARE LABELED AS "GRASS", ARE TO BE BROUGHT TO AN ELEVATION OF 6" BELOW THE PROPOSED FINISHED GRADE. IF COMPACTED, THE SUBGRADE IS TO BE SCARIFIED TO A DEPTH OF 12" WITH THE TEETH OF A BACKHOE TO RESULT IN AN UNCOMPACTED SUBSOIL. THEN 6" OF GOOD QUALITY TOPSOIL IS TO BE APPLIED AND RAKED TO FINISHED GRADE.
- THE TOPSOIL IS TO BE GOOD QUALITY LOAM, FERTILE AND FREE OF WEEDS, STICKS AND STONES OVER 3/4" IN SIZE AND OTHERWISE COMPLYING WITH SECTION M.18.01 OF THE RI DOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- LIME IS TO BE APPLIED AT A RATE OF ONE TON PER ACRE AND UNIFORMLY INCORPORATED INTO THE TOP 1-2" OF TOPSOIL.
- AFTER THE SEED BED IS PREPARED, THE AREA IS TO BE HYDRO-SEEDED. THE HYDRO-SEED SHALL BE APPLIED EVENLY OVER THE SURFACE WITH A BONDED 100% WOOD FIBER MATRIX USING ACCEPTED HORTICULTURAL PRACTICES. THE SLURRY SHALL INCLUDE WATER, SEED, WOOD FIBER AND A HIGH PHOSPHORUS STARTER FERTILIZER.
- RATHER THAN HYDRO-SEEDING AS DESCRIBED ABOVE, WITH PERMISSION FROM THE OWNER, THE CONTRACTOR MAY BROADCAST SEED. PRIOR TO SEEDING, FERTILIZE WITH A HIGH PHOSPHORUS STARTER FERTILIZER APPLIED AT THE MANUFACTURER'S RECOMMENDED RATES. SEED SHALL BE BROADCAST EVENLY OVER THE PREPARED SURFACE AND WORKED INTO THE TOP 1" OF SOIL.
- SEED SHALL BE 'ENDOPHYTE ENHANCED' (AVAILABLE FROM ALLEN'S SEED STORE, SOUTH COUNTY TRAIL, EXETER, RI; PHONE: 800-527-3848 OR 401-244-2122) OR APPROVED EQUAL. APPLY AT A RATE OF 4-5 LBS. PER 1000 SQUARE FEET.

ENDOPHYTE ENHANCED:	% BY WEIGHT
CHEWING FESCUE	30%
IMPROVED PERENNIAL RYEGRASS	30%
TURF TYPE FALL FESCUE	30%
KENTUCKY BLUEGRASS	10%

RECOMMENDED SEEDING DATES ARE APRIL 1 TO JUNE 1 AND AUGUST 15 TO NOVEMBER 15.

SEED MIXES

- PROVIDE QUALITY SEED DERIVED FROM THE VARIETY INDICATED UNDER 'SEEDING'.
- ALL SEED IS TO BE VIABLE, HEALTHY AND FREE OF INSECTS AND DISEASE.
- SEED IS TO BE INSTALLED AS SPECIFIED IN THE SEEDING NOTES WITH ADEQUATE WATER PROVIDED TO ESTABLISH A HEALTHY GRASS CATCH.
- RECOMMENDED SEEDING DATES ARE APRIL 1 TO JUNE 30 AND AUGUST 15 TO NOVEMBER 15. LATE FALL AND WINTER DORMANT SEEDING REQUIRE AN INCREASE IN THE SEEDING RATE.
- SEED SUBSTITUTIONS SHALL BE ALLOWED BASED ON AVAILABILITY ONLY WITH DIRECT APPROVAL FROM THE LANDSCAPE ARCHITECT OR OWNER.

SODDING:

- AREAS ON THE PLAN THAT ARE LABELED 'SOD' ARE TO BE SODDED.
- SOD SHALL BE LIVE, FRESH, AND OF SUITABLE CHARACTER FOR THE PURPOSE INTENDED AND FOR THE SOIL ON WHICH IT WILL BE PLACED. SODS SHALL BE AT LEAST 2-SQUARE FEET IN AREA AND SHALL BE THICK ENOUGH TO CONTAIN ALL NATURAL ROOTS WITHOUT MITIGATION. IN NO CASE WILL SODS BE PERMITTED TO BE UNDER 3/4" THICK OR OVER 1" THICK, UNLESS EXPRESS WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT IS PROCURED. SOD STORED LONGER THAN 96 HOURS WILL NOT BE ALLOWED UNDER ANY CIRCUMSTANCES.
- RECOMMENDED SODDING DATES ARE APRIL 1 TO JUNE 30 AND AUGUST 15 TO NOVEMBER 15.
- SOD INSTALLATION: THE SOD BED SHALL BE MOIST AND BE WATERED CONTINUOUSLY DURING THE SODDING OPERATION. SOD SHALL BE LAID IN THE LONGEST DIMENSION PARALLEL TO THE CONTOURS. THE FIRST ROW OF SOD SHALL BE LAID A STRAIGHT LINE WITH THE SUBSEQUENT ROWS PLACED PARALLEL TO AND TIGHTLY AGAINST EACH OTHER. LATERAL/VERTICAL JOINTS SHALL BE STAGGERED BY A MINIMUM OF 12" TO PROMOTE UNIFORM GROWTH AND STRENGTH. SOD SHALL NOT BE STRETCHED OR OVERLAPPED AND ALL JOINTS SHALL BE BUTTED TIGHT.
- AFTER THE SOD IS PLACED, IT SHALL BE PRESSED FIRMLY INTO CONTACT WITH THE SOD BED BY TAMPING OR HAND ROLLING. THIS PROCEDURE SHALL NOT DEFORM THE SOD. THE CONTRACTOR SHALL CUT THE SOD TO LINE AS INDICATED ON THE PLAN OR AS DIRECTED BY THE LANDSCAPE ARCHITECT.

NOTE

BECAUSE OF THE INTENSE BROWSING BY THE RESIDENT WHITE TAIL DEER IN THIS AREA, IT IS RECOMMENDED THAT A REPUTABLE COMPANY BE ENGAGED TO PROVIDE A SPRAY PROGRAM. THERE ARE NO PLANTS WHICH CAN BE GUARANTEED TO BE 'DEER PROOF.'

TOWN OF SCITUATE

CODE OF ORDINANCES, APPENDIX A, ARTICLE IV - SPECIAL REGULATIONS

SECTION 13. - MULTIFAMILY/COMMERCIAL SITE PLAN REVIEW AND APPROVAL

- PARKING LOTS CONTAINING TWENTY (20) OR MORE SPACES SHALL BE PLANTED WITH AT LEAST ONE TREE PER EIGHT (8) SPACES, NO SMALLER THAN TWO-INCH GALIFER, EACH TREE BEING SURROUNDED BY NO LESS THAN FORTY (40) SQUARE FEET OF PERMEABLE UNPAVED AREA. TREES REQUIRED BY THE PROVISIONS OF THIS SECTION SHALL BE AT LEAST FIVE (5) FEET IN HEIGHT AT THE TIME OF PLANTING AND SHALL BE OF A SPECIES CHARACTERIZED BY RAPID GROWTH AND BY SUITABILITY AND HARDINESS FOR LOCATION IN A PARKING LOT. TO THE EXTENT PRACTICABLE, EXISTING TREES SHALL BE RETAINED AND USED TO SATISFY THE PROVISIONS OF THIS SECTION.

THE PARKING LOT CONTAINS 48 PARKING SPACES. 48 / 8 = 6 SIX (6) SHADE TREES AT 2-2-1/2" GALIFER ARE PROPOSED AND ARE SURROUNDED BY NO LESS THAN FORTY (40) SQUARE FEET OF PERMEABLE UNPAVED AREA.

- EXISTING TREES AND VEGETATION SHALL BE PRESERVED TO THE MAXIMUM EXTENT POSSIBLE.

EXISTING TREES AND VEGETATION, WHERE POSSIBLE, ARE PROPOSED TO BE PRESERVED.

- BUFFERING ELEMENTS IN THE FORM OF ARCHITECTURAL DESIGN AND LANDSCAPE DESIGN THAT PROVIDE A LOGICAL TRANSITION TO ADJOINING EXISTING OR PERMITTED USES SHALL BE PROVIDED.

THE ADJACENT RESIDENTIAL PROPERTY WILL BE SHIELDED FROM THE LIGHTS BY PLANTING A DENSE EVERGREEN BUFFER AND BY THE CHANGE IN GRADE BETWEEN THE PROPOSED AND EXISTING USES.

- GLARE FROM THE INSTALLATION OF OUTDOOR LIGHTS AND SIGNS AND FROM THE MOVEMENT OF VEHICLES ON THE SITE SHALL BE SHIELDED FROM THE VIEW OF ADJACENT PROPERTIES IN A RESIDENTIAL ZONE.

THE EXISTING RESIDENTIAL USE WILL BE BUFFERED BY A DENSE EVERGREEN PLANTING DESIGNED TO ESTABLISH AN OPAQUE SCREEN.

- THE DESIGN OF THE PROJECT, INCLUDING BUILDINGS AND LANDSCAPE SHALL BE VISUALLY COMPATIBLE WITH THE CHARACTER OF THE SURROUNDING AREA, INCLUDING BUILDING MATERIALS, MASSING AND BUILDING ROOF FORM.

THE PROPOSED LANDSCAPE HAS BEEN DESIGNED TO BE VISUALLY COMPATIBLE WITH THE CHARACTER OF THE SURROUNDING AREA.

ARTICLE V. - OFF STREET PARKING REQUIREMENTS

ALL PARKING FACILITIES, PROVIDED UNDER THIS SECTION MUST BE CONSTRUCTED ON OR ADJACENT TO THE SIDE OF THE MAIN USE. OFF STREET PARKING LOTS OF MORE THAN TWO (2) MOTOR VEHICLE CAPACITY SHALL CONFORM TO THE FOLLOWING STANDARDS OF CONSTRUCTION:

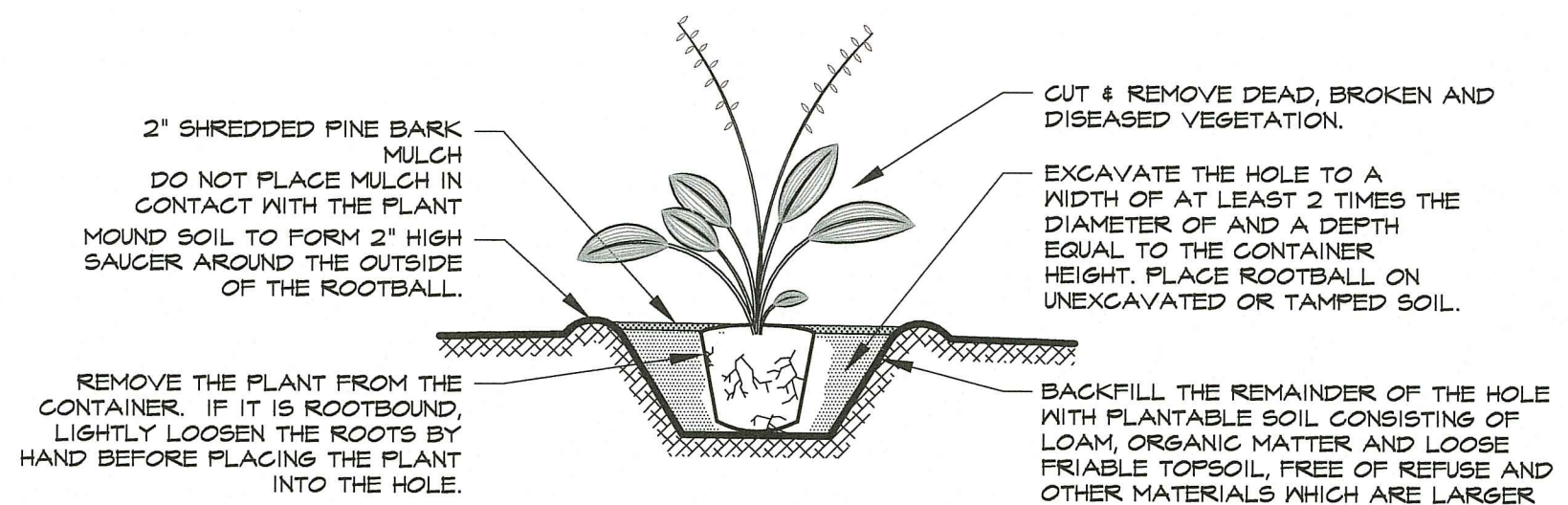
- WHERE SUCH AREA ADJOINS OR LIES WITHIN A RESIDENTIAL DISTRICT, AN OPAQUE FENCE NOT LESS THAN FOUR (4) NOR MORE THAN SIX (6) FEET IN HEIGHT OR A COMPACT EVERGREEN SCREEN NOT LESS THAN FOUR (4) FEET IN HEIGHT SHALL BE ERRECTED AND MAINTAINED BETWEEN SUCH AREA AND THE ADJOINING RESIDENTIAL DISTRICT.

A COMPACT EVERGREEN SCREEN EXCEEDING FOUR FEET IN HEIGHT IS PROPOSED WHERE A PARKING AREA ADJOINS A RESIDENTIAL DISTRICT ON THE EAST SIDE OF THE SITE.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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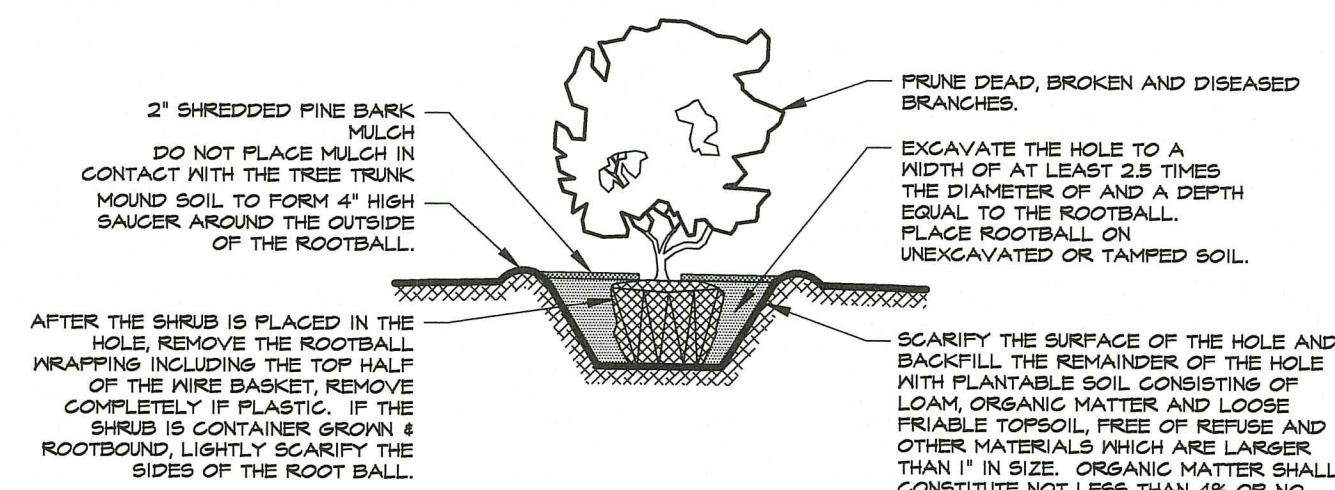
John A. Hart

Environmental Management
MAR 22 2019
Office of Water Resources



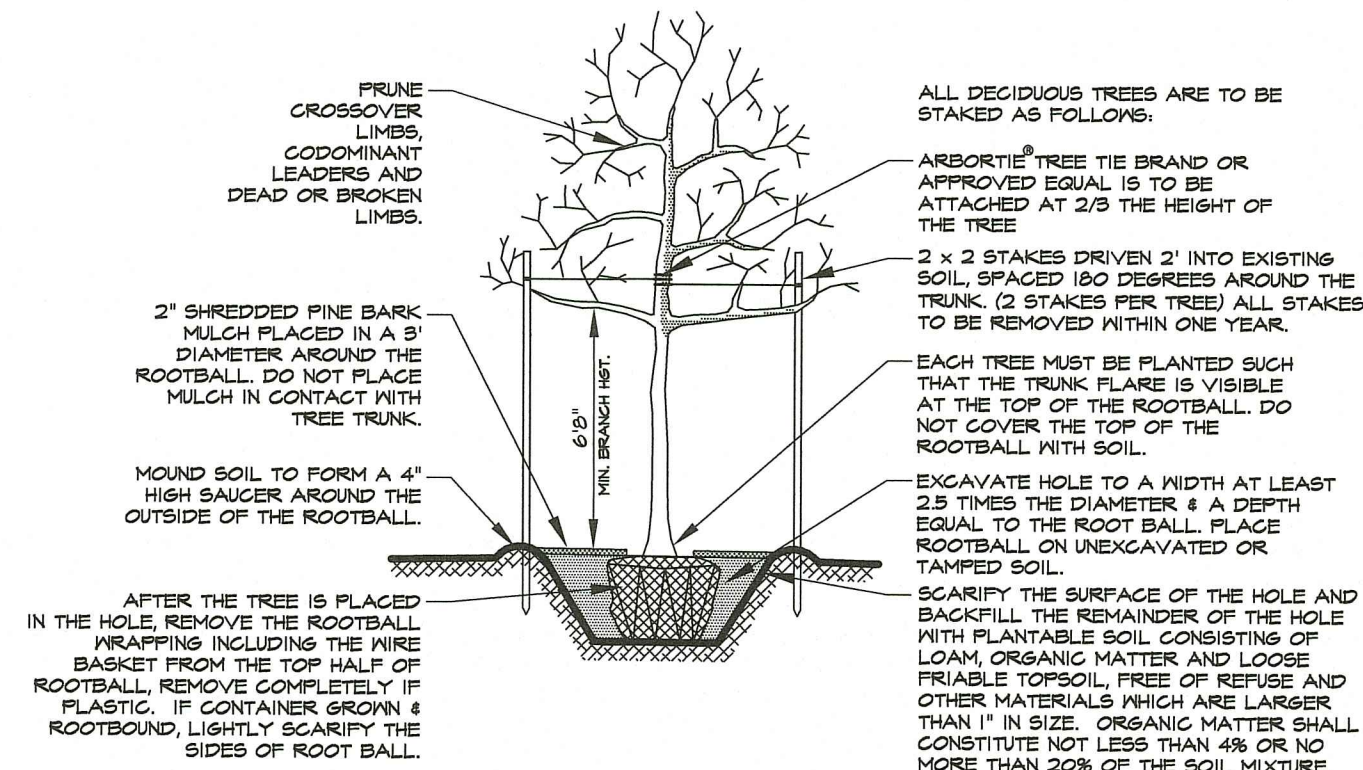
PERENNIAL PLANTING DETAIL
NOT TO SCALE

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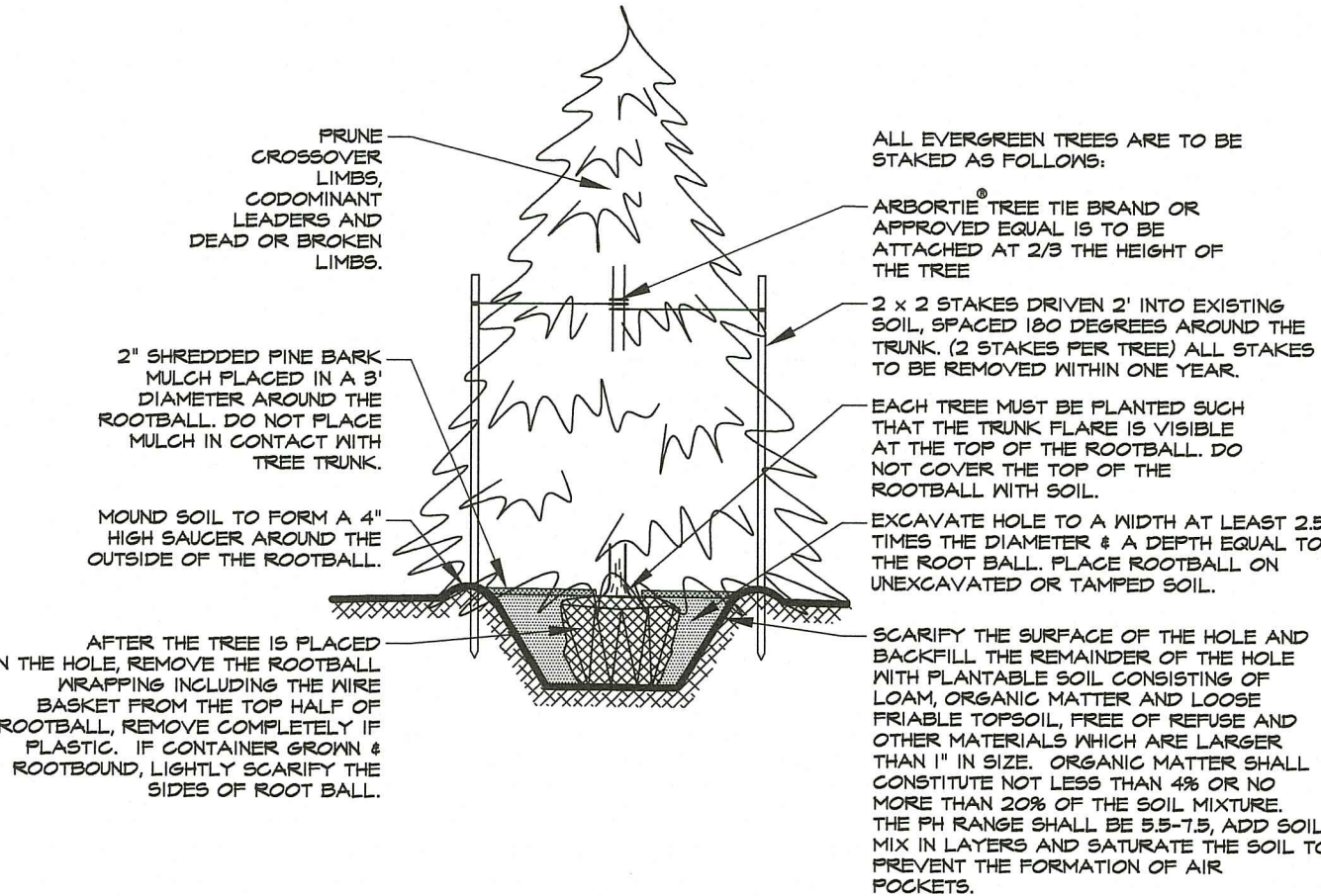
SHRUB PLANTING DETAIL
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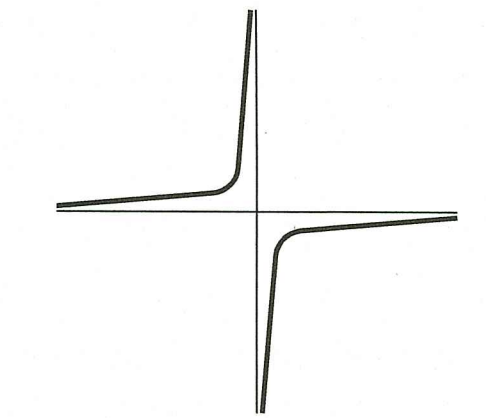
TREE PLANTING DETAIL
NOT TO SCALE

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EVERGREEN TREE PLANTING DETAIL
NOT TO SCALE

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JOHN C. CARTER & CO., INC.

960 BOSTON NECK RD. NARRAGANSETT, RI
(401) 783-3500

LANDSCAPE ARCHITECTURE
DESIGN & BUILD

PLANTING NOTES & DETAILS

PREPARED FOR:
SEASONS CORNER MARKET

LOCATED AT:
34 Hartford Avenue
A.P. 38, LOT 75

SCITUATE, RHODE ISLAND



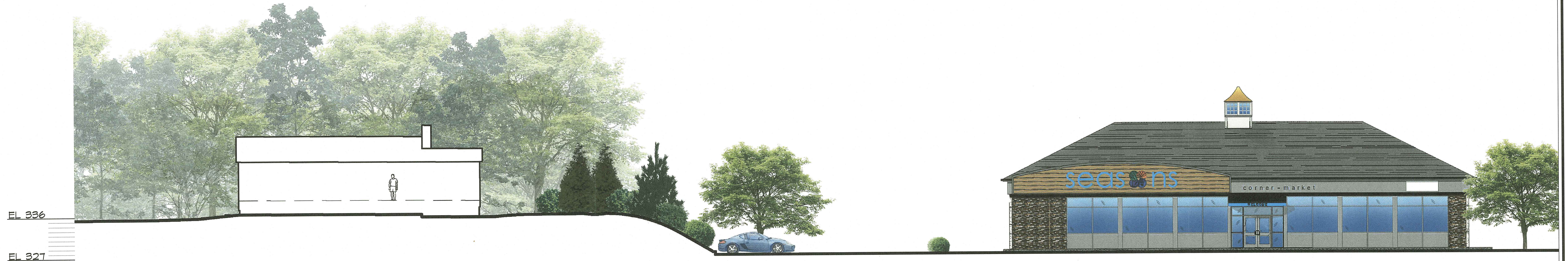
REVISIONS

SCALE: NTS
DATE: February 8, 2019

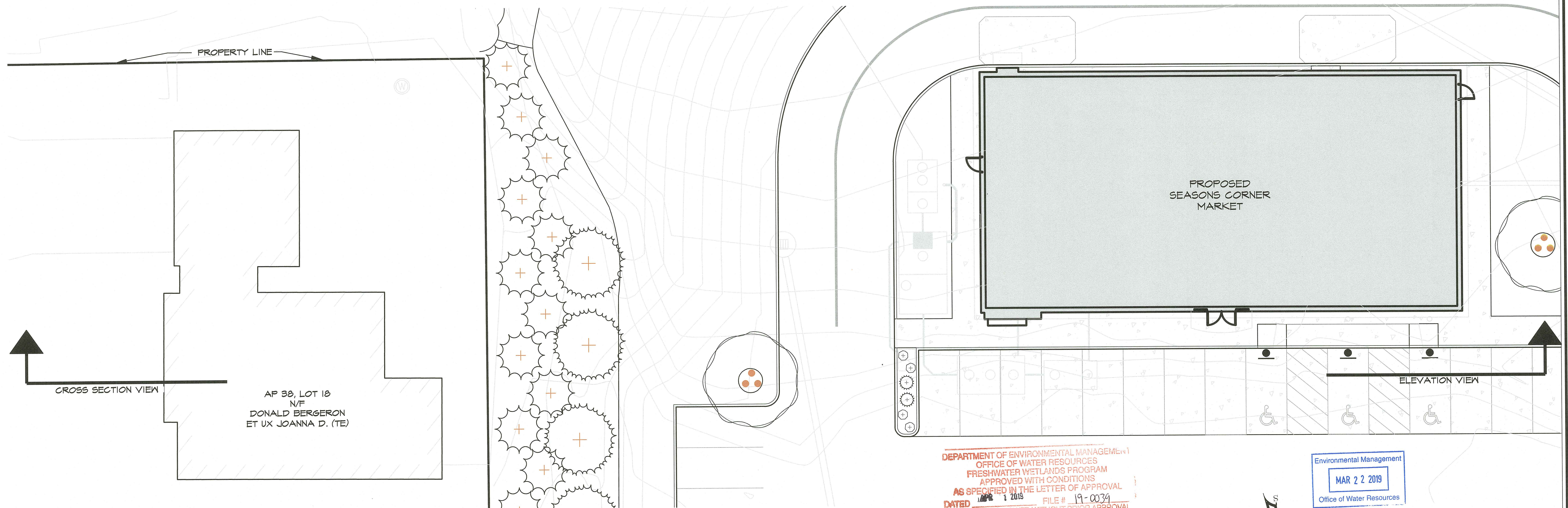
ISSUED FOR
PERMITTING

SHEET NUMBER

2 OF 2



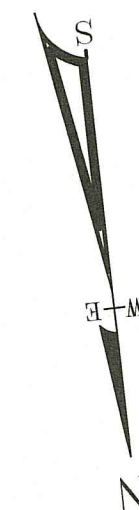
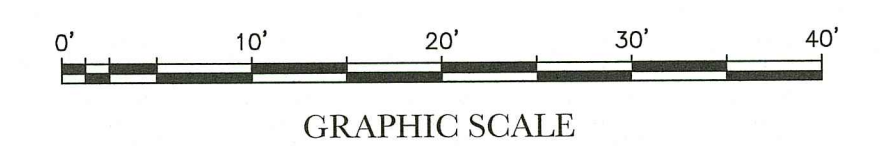
CROSS SECTION / ELEVATION VIEW



PLAN VIEW

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
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 MAR 22 2019
 Office of Water Resources



SEASONS CORNER MARKET

LOCATED AT:
 34 Hartford Avenue
 A.P. 38, LOT 75
 SCITUATE, RHODE ISLAND

JOHN C. CARTER & CO., INC.
 100 BOSTON NECK RD. NARRAGANSETT, RI
 (401) 783-5500
 LANDSCAPE ARCHITECTURE
 DESIGN & BUILD