

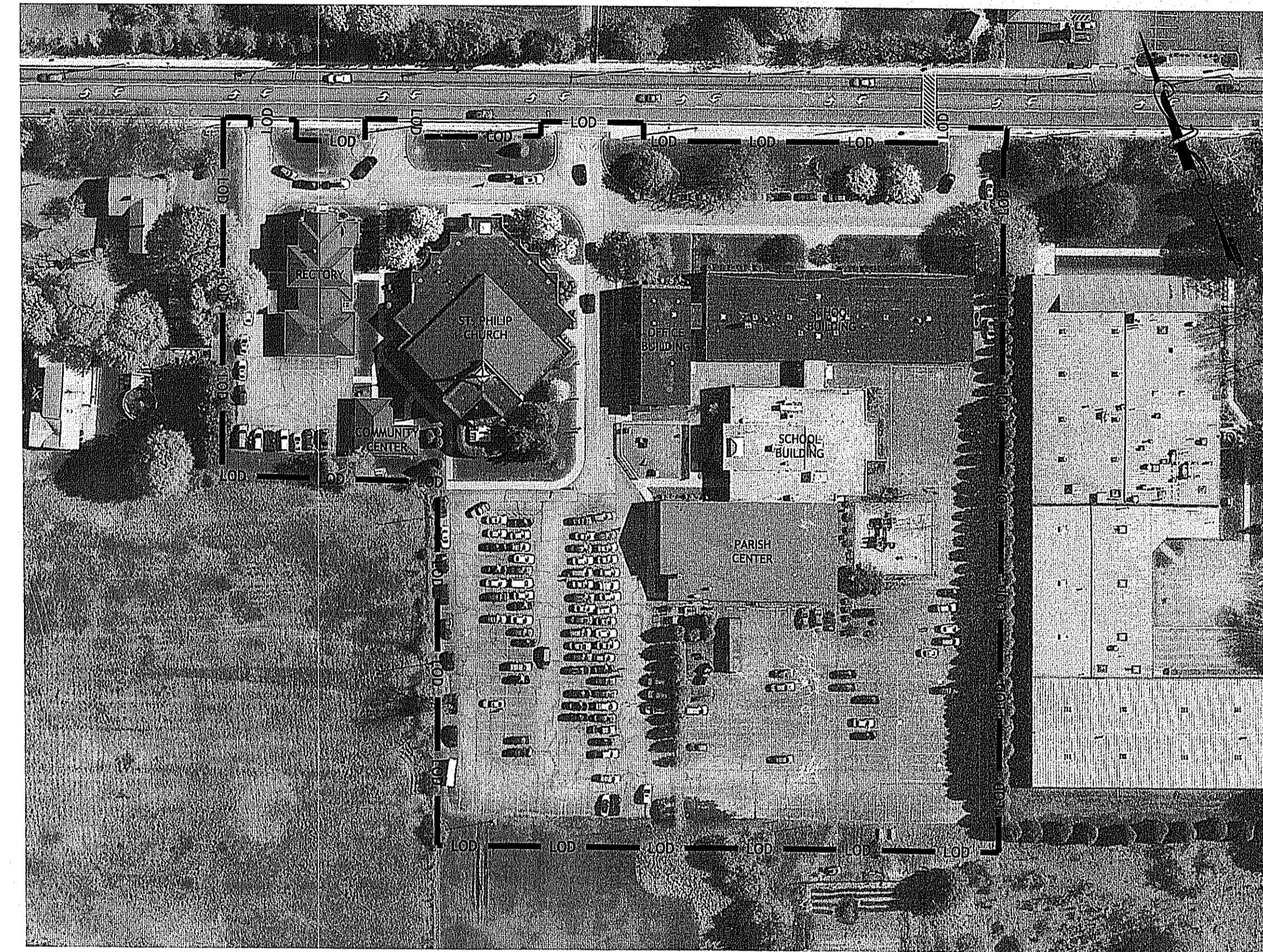
SITE PLANS FOR PROPOSED SITE IMPROVEMENTS AT

SAINT PHILIP PARISH

REVEREND FRANCIS SANTILLI, PASTOR
DEACON CARLO J. SABETTI, PARISH MANAGER

622 PUTNAM PIKE
GREENVILLE, RHODE ISLAND
AP 3, LOT 3

ZONING DISTRICT: MIXED USE (MU)
RESIDENTIAL 80K (R80)

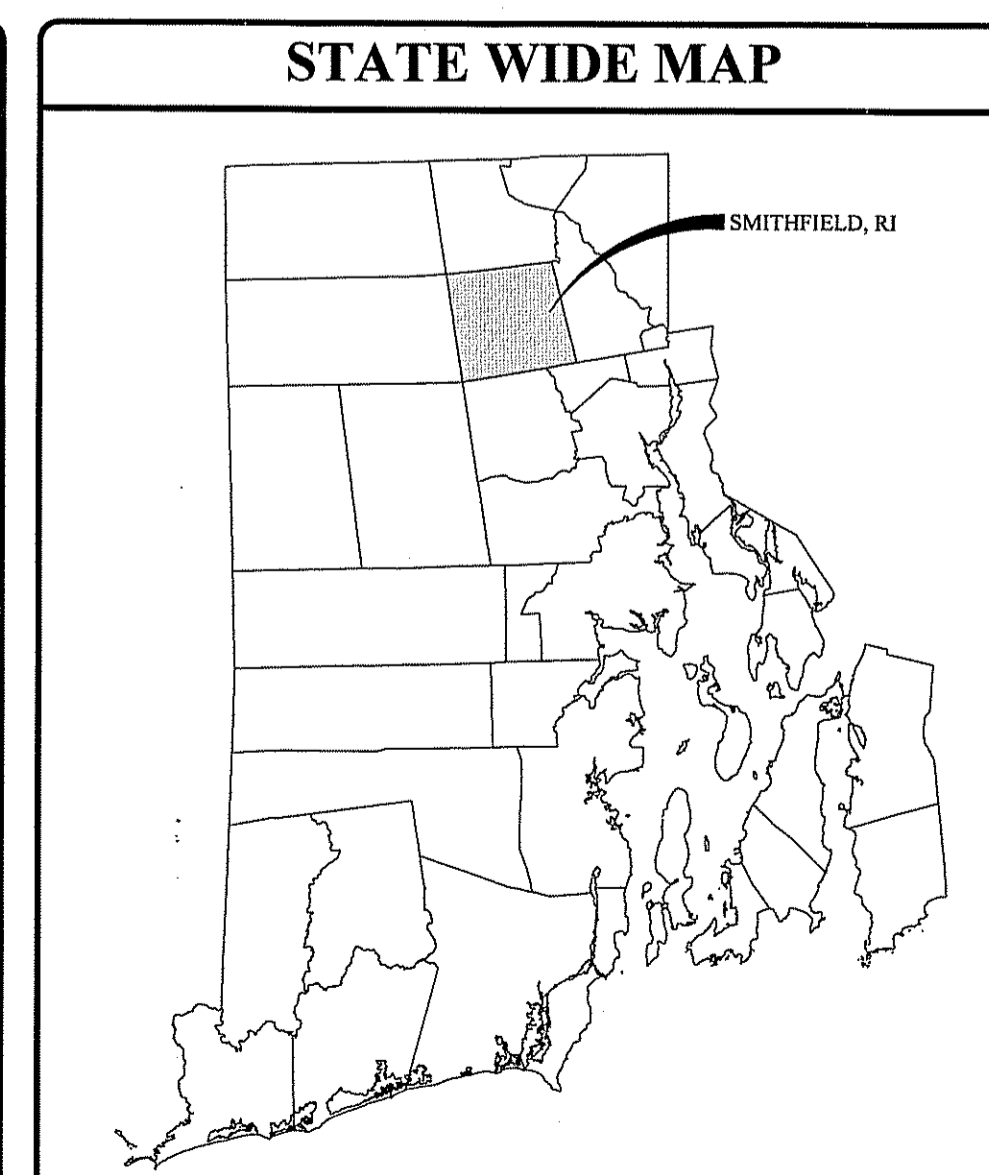
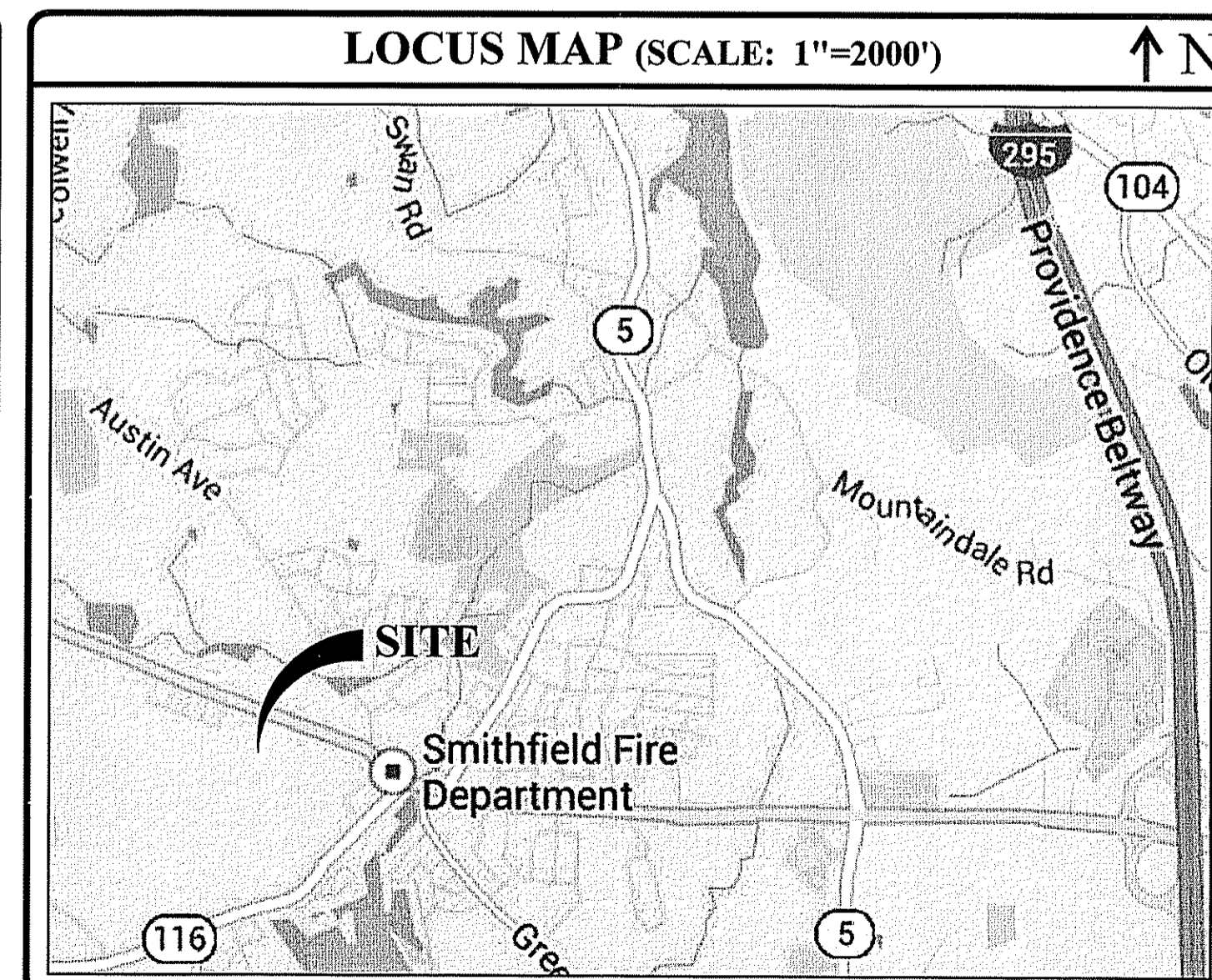


OVERALL CAMPUS SITE PLAN
SCALE 1" = 80'

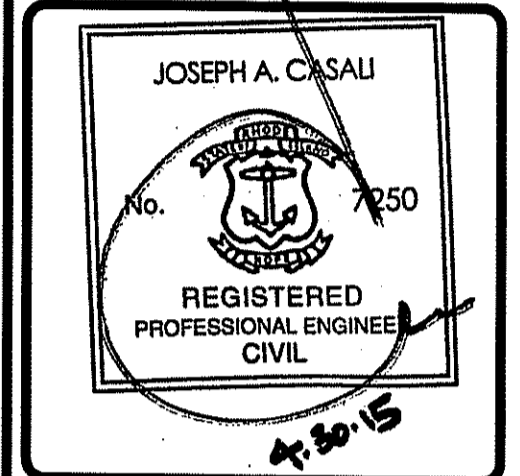
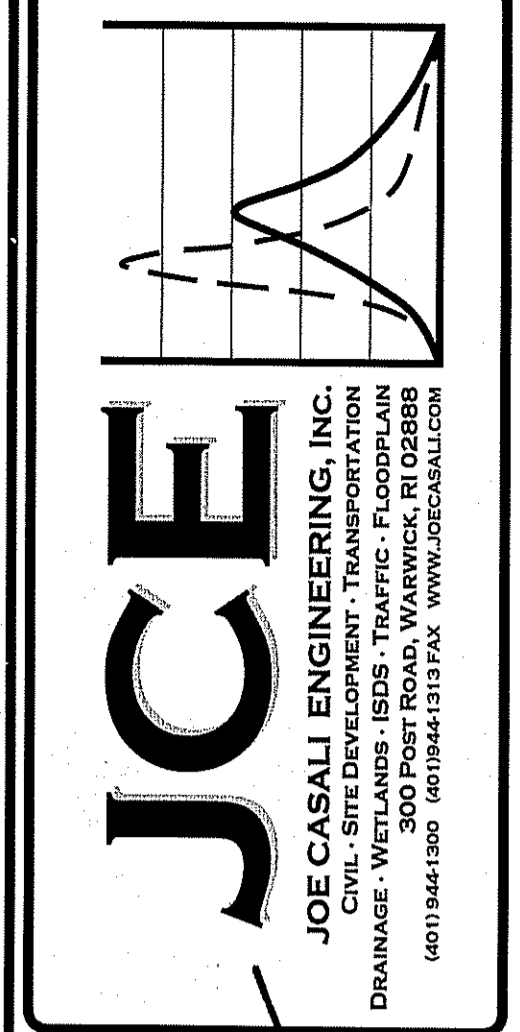
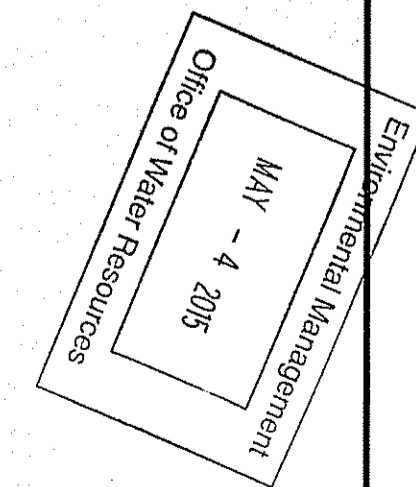
FILLINGS:
RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT - PRELIMINARY DETERMINATION APPLICATION
RHODE ISLAND DEPARTMENT OF TRANSPORTATION - PHYSICAL ALTERATION PERMIT APPLICATION
TOWN OF SMITHFIELD SOIL EROSION APPLICATION

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 10 2015 FILE # 15-0081
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

PROJECT TEAM	
OWNER/ APPLICANT:	ST. PHILIP PARISH 622 PUTNAM PIKE GREENVILLE, RI 02828
CIVIL:	JOE CASALI ENGINEERING, INC. 300 POST ROAD WARWICK, RI 02888 PHONE: 401-944-1300 FAX: 401-944-1313
SURVEYOR:	INTERNATIONAL MAPPING & SURVEYING 19 INDUSTRIAL DRIVE SMITHFIELD, RI 02917 PHONE: 401-232-2620
LANDSCAPE ARCHITECT:	DIANE C. SOULE & ASSOCIATES, ASLA 422 FARNUM PIKE SMITHFIELD, RI 02917 PHONE: 401-231-0736
BIOLOGISTS:	NATURAL RESOURCE SERVICES, INC. 86 TINKHAM LANE HARRISVILLE, RI 02830 PHONE: 401-568-7390 FAX: 401-568-7490



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8	SITE DETAILS
9	RIDOT PAPA PLAN
REFERENCE PLANS	
L-1	LANDSCAPE PLAN <i>(PREPARED BY DIANE C. SOULE & ASSOCIATES, ASLA)</i>
L-2	LANDSCAPE DETAILS & NOTES <i>(PREPARED BY DIANE C. SOULE & ASSOCIATES, ASLA)</i>



SAINT PHILIP PARISH
622 PUTNAM PIKE
GREENVILLE, RHODE ISLAND
AP 3, LOT 3

REVISIONS:		
NO.	DATE	DESCRIPTION

DESIGNED BY: GEC
DRAWN BY: WMLJR
CHECKED BY: JAC
DATE: APRIL 2015
PROJECT NO: 12-68a

PRELIMINARY, NOT FOR CONSTRUCTION

COVER SHEET

SHEET 1 OF 9

GENERAL NOTES:

- CLASS III TOPOGRAPHIC SURVEY WAS PROVIDED BY INTERNATIONAL MAPPING & SURVEYING, CORP. 19 INDUSTRIAL DRIVE, SMITHFIELD, RI IN NOVEMBER 2013.
- PROPERTY LINE LOCATIONS APPROXIMATED FROM TOWN OF SMITHFIELD'S GEOGRAPHIC INFORMATION SYSTEM (GIS).
- THE SITE LIES IN A SPLIT ZONE WITH THE NORTHERN PORTION BEING IN A MU ZONE AND THE SOUTHERN MAJORITY OF THE SITE BEING IN AN R80 ZONE.
- THE LOCATION AND DEPTH OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE LATEST AVAILABLE INFORMATION. THE UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE. THE CONTRACTOR SHALL CHECK AND VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, BOTH OVERHEAD AND UNDERGROUND, AND "DIG-SAFE" MUST BE NOTIFIED PRIOR TO COMMENCING ANY CONSTRUCTION OPERATIONS. RESTORATION AND REPAIR OF DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER. NO EXCAVATION SHALL COMMENCE UNTIL ALL INVOLVED UTILITY COMPANIES AND/OR CITY WHOSE FACILITIES MIGHT BE AFFECTED BY ANY WORK TO BE PERFORMED BY THE CONTRACTOR ARE NOTIFIED AT LEAST 72 HOURS IN ADVANCE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS.
- THIS SITE LIES IN ZONE X, AS SHOWN ON THE FIRM MAP FOR PROVIDENCE COUNTY, MAP NO. 44007C02281G, EFFECTIVE DATE MARCH 2, 2009. ZONE X ARE AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.
- SOILS EXISTING ON THE SITE ARE CANTON-URBAN LAND COMPLEX (CB), CANTON AND CHARLTON FINE SANDY LOAM 3 TO 8 PERCENT SLOPES, AND RIDGEWAY, WHITMAN, AND LEICESTER EXTREMELY STONY FINE SANDY LOAMS, HYDROLOGIC GROUP B, B AND C RESPECTIVELY.
- SOIL EVALUATION TEST HOLES WERE COMPLETED ON APRIL 23, 2014 BY NATURAL RESOURCE SERVICES, INC. SOIL EVALUATION LOGS ARE SHOWN ON THIS SHEET. ADDITIONAL, TEST PIT HOLES WERE COMPLETED ON APRIL 6, 2015 BY RICCI DRAIN LAYING, INC.

LAYOUT NOTE:

THE LAYOUT SHOWN REPRESENTS A GRAPHICAL DESIGN, AND PRIOR TO THE CONSTRUCTION, THE CONTRACTOR SHALL ENGAGE A PROFESSIONAL LAND SURVEYOR (PLS) REGISTERED IN THE STATE OF RHODE ISLAND TO SET AND VERIFY ALL LINES AND GRADES. ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS ARE TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY ITEMS FOUND WHICH DO NOT MATCH THE PLANS MUST BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO CONSTRUCTION FOR REVIEW. NO WORK SHALL PROCEED UNTIL AUTHORIZED BY THE ENGINEER.

SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

- THE HAYBALE AND/OR SILT FENCE LINE ILLUSTRATED ON THESE PLANS SHALL SERVE AS THE STRICT LIMIT OF DISTURBANCE FOR THE PROJECT WITHIN OR ADJACENT TO REGULATED FRESHWATER WETLAND AREAS.
- THE LIMITS OF CLEARING, GRADING, AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE PROPOSED CONSTRUCTION AREA. ALL AREAS OUTSIDE OF THESE LIMITS, AS DEPICTED ON THE PLAN SHALL BE TOTALLY UNDISTURBED, TO REMAIN IN NATURAL CONDITION.
- ALL DISTURBED SLOPES EITHER NEWLY CREATED OR CURRENTLY EXPOSED SHALL BE SEEDED, PROTECTED AND MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL REGULARLY CHECK ALL SEEDED AREAS TO ENSURE THAT A GOOD STAND IS MAINTAINED.
- ALL HAYBALES, SILT FENCE, TEMPORARY TREATMENT (HAY, STRAW, ETC.) AND TEMPORARY EROSION PROTECTION SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.
- STOCKPILES OF TOPSOIL SHALL NOT BE LOCATED NEAR WATERWAYS. THEY SHALL HAVE SIDE SLOPES OF NO GREATER THAN 2:1 AND SHALL BE TEMPORARILY SEEDED AND/OR STABILIZED PER CONTRACT SPECIFICATIONS.
- THE HAYBALES AND SILT FENCE SHALL BE CHECKED BY THE CONTRACTOR ON A WEEKLY BASIS AND AFTER EACH STORM FOR UNDERMINING OR DETERIORATION. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY HAYBALES AS NEEDED. THE CONTRACTOR SHALL CLEAN THE ACCUMULATED SEDIMENT IF HALF OF THE ORIGINAL HEIGHT OF THE HAY-BALES BECOMES FILLED WITH SEDIMENTS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL SOIL EROSION AND SEDIMENT CONTROLS ON THE PROJECT SITE FOR THE ENTIRE DURATION OF THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL FOLLOW THE DIRECTION OF THE RESIDENT ENGINEER WITH REGARD TO INSTALLATION, MAINTENANCE, AND REPAIR OF ALL SOIL EROSION AND SEDIMENTATION CONTROLS ON THE PROJECT SITE. TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROLS (HAYBALES, SILT FENCE, ETC.) SHALL BE MAINTAINED UNTIL ALL EXPOSED SOILS ARE SATISFACTORILY STABILIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR RESEEDING ALL AREAS THAT DO NOT DEVELOP WITHIN ONE YEAR FROM THE COMPLETION OF CONSTRUCTION.
- ALL REFERENCED SOIL EROSION AND SEDIMENTATION CONTROLS INCLUDING MATERIALS USED, APPLICATION RATES AND THE INSTALLATION PROCEDURES SHALL BE PERFORMED PER THE "RHODE ISLAND EROSION AND SEDIMENTATION HANDBOOK", DATED 1993.

SITE NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING (R&D) OF ALL MATERIALS INDICATED ON THE PLANS.
- STOCKPILES OF EARTH MATERIALS SHALL NOT BE LOCATED ADJACENT TO DRAINAGE STRUCTURES.
- ALL DISTURBED AREAS OUTSIDE OF THE PAVED AREAS WILL RECEIVE A MINIMUM OF 6" OF LOAM AND SEED.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SURVEY LAYOUT SERVICES FOR THE WORK AND SHALL SUBMIT "AS-BUILT" DRAWINGS OF ALL WORK, WHICH SHALL BE STAMPED AND CERTIFIED BY A RHODE ISLAND REGISTERED PROFESSIONAL LAND SURVEYOR, AND MUST BE SUBMITTED TO OWNER PRIOR TO FINAL SUBMISSION.
- ANY ITEM OF WORK NOT SPECIFICALLY INDICATED ON THE PLANS BUT IS REQUIRED FOR THE COMPLETE CONSTRUCTION OF THE PROJECT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND INCLUDED IN THE CONTRACT BID PRICE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING SITE CONDITIONS.
- WHERE NECESSARY TO REMOVE CURBS, CATCH BASINS OR DRAINS TO COMPLETE WORK, THE CONTRACTOR SHALL REPLACE SUCH ITEMS TO THE SATISFACTION OF THE CITY OF SMITHFIELD AND/OR THE DIOCESE OF PROVIDENCE AT NO ADDITIONAL COST TO THE OWNER.
- ANY EXISTING PIPE OR UTILITY DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL RESTORE TO ITS ORIGINAL CONDITION OR REPLACE TREES, SHRUBS, FENCES, SIGNS, GUARDRAILS, DRIVEWAYS, SIDEWALKS AND ANY OTHER OBJECT AFFECTED BY THIS OPERATION.
- THE TOPS OF ALL VALVE BOXES AND CURB BOXES SHALL BE FLUSH WITH GROUND OR PAVEMENT SURFACE LEVEL AND PLUMB, UNLESS OTHERWISE DIRECTED.
- ROADWAYS SHALL BE LEFT PASSABLE AT ALL TIMES. CLOSURE OF ROADWAY IS NOT PERMITTED.
- THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL DRIVEWAYS AT COMPLETION OF EACH DAYS WORK.
- WATER SERVICE SHALL BE MAINTAINED AT ALL TIMES.
- ALL LEDGE TO BE REMOVED BY MECHANICAL MEANS AND SHALL CONFORM TO SECTION 202 EXCAVATION AND EMBANKMENT OF THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, 2010 EDITION (WITH LATEST ADDENDA).
- ALL CONSTRUCTION WORK SHALL BE PERFORMED IN THE DRY. THE CONTRACTOR SHALL OPERATE, OPERATE AND MAINTAIN ALL PUMPS, DRAINS, WET POINTS, SCREENS, OR OTHER FACILITIES NECESSARY TO CONTROL, COLLECT AND DISPOSE OF ALL SURFACE AND SUBSURFACE WATER ENCOUNTERED IN THE PERFORMANCE OF THE WORK.
- ALL SITE WORK, INCLUDING BUT NOT LIMITED TO, BITUMINOUS PAVEMENT, ROADWAY CONSTRUCTION, AGGREGATE MATERIALS, DRAINAGE PIPING, CURBING, SIDEWALK, SAW CUTTING, ETC. SHALL CONFORM TO THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, 2010 EDITION (WITH LATEST ADDENDA) AND THE RIDOT STANDARD DETAILS, 1998 EDITION (WITH LATEST ADDENDA).
- PRIOR TO CONSTRUCTION ALL POTENTIAL UTILITY/DRAINAGE CONFLICTS MUST BE IDENTIFIED BY THE CONTRACTOR. ANY MODIFICATIONS TO THE PROPOSED UTILITIES TO AVOID CONFLICTS MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. NO EXTRA PAYMENT TO THE CONTRACTOR DUE TO RELOCATIONS WILL BE AUTHORIZED.
- THE CONTRACTOR SHALL AT ALL TIMES PROVIDE A SUFFICIENT NUMBER OF WORKMEN AND GUARDS AS MAY BE NECESSARY TO PROPERLY SAFEGUARD THE PUBLIC FROM THEIR OPERATIONS.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS AGAINST DAMAGING OF PAVING, SIDEWALKS, UTILITIES, OR PRIVATE PROPERTIES AND SHALL PROMPTLY REPAIR AT HIS OWN EXPENSE ANY DAMAGE TO SUCH PAVING, SIDEWALKS, UTILITIES, OR PRIVATE PROPERTIES TO THE SATISFACTION OF THE OWNER OR THE STATE OF RHODE ISLAND.

MISCELLANEOUS UTILITY NOTES:

- PRIOR TO CONSTRUCTION ALL POTENTIAL UTILITY/DRAINAGE CONFLICTS MUST BE IDENTIFIED BY THE CONTRACTOR. ANY MODIFICATIONS TO THE PROPOSED UTILITIES TO AVOID CONFLICTS MUST BE APPROVED BY THE DESIGN ENGINEER PRIOR TO CONSTRUCTION. NO EXTRA PAYMENT TO THE CONTRACTOR DUE TO RELOCATIONS WILL BE AUTHORIZED.
- IF REQUIRED, OVERHEAD ELECTRIC AND TELEPHONE SERVICES ARE TO BE REMOVED BY THE APPROPRIATE UTILITY COMPANY AND COORDINATED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS AGAINST DAMAGING OF PAVING, SIDEWALKS, UTILITIES, OR PRIVATE PROPERTIES AND SHALL PROMPTLY REPAIR AT HIS OWN EXPENSE ANY DAMAGE TO SUCH PAVING, SIDEWALKS, UTILITIES, OR PRIVATE PROPERTIES TO THE SATISFACTION OF THE OWNER OR TOWN.

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES:

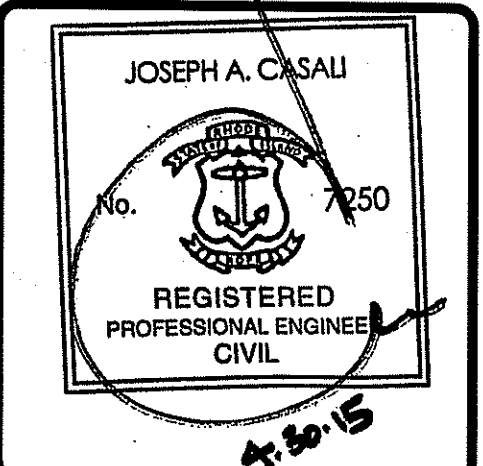
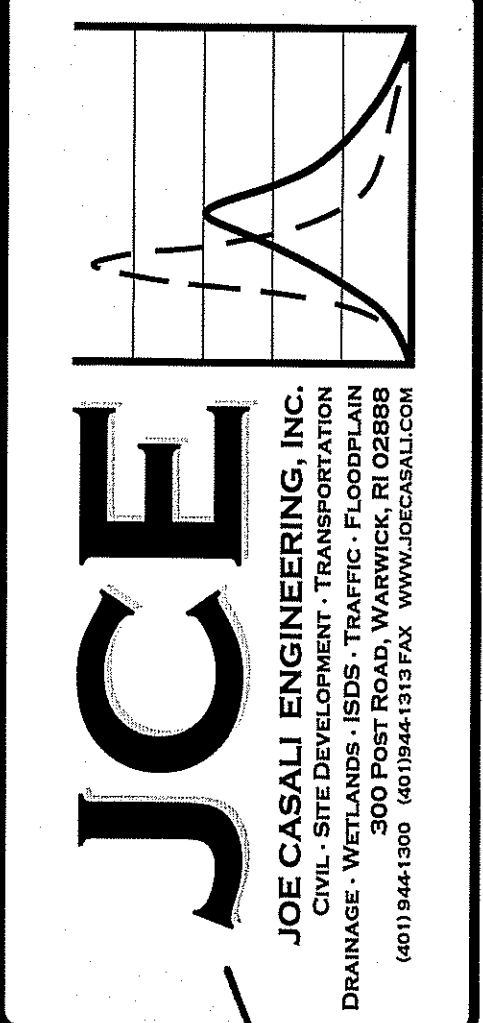
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING POLICE PROTECTION. ALL TEMPORARY AND VEHICULAR SIGNS, BARRICADES AND LANE CLOSURES SHALL BE IN CONFORMANCE WITH THE LATEST REVISIONS OF MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- TEMPORARY CONSTRUCTION SIGNS AND ALL APPLICABLE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF WORK IN ANY AREA OPEN TO TRAFFIC.
- THE PRIVATE VEHICLES OF CONSTRUCTION WORKERS SHALL NOT BE PARKED IN THE STATE RIGHT-OF-WAY.
- ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONTROL SETUPS, SIGNS CHANNELING DEVICES, ETC, SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, 2000 EDITION, INCLUDING LATEST REVISIONS.
- SIGN MOUNTINGS SHALL BE IN ACCORDANCE WITH THE RIDOT SPECIFICATIONS FOR TEMPORARY CONSTRUCTION SIGNS.

NOTES TO CONTRACTOR:

- ALL WORK TO BE PERFORMED DURING NORMAL BUSINESS HOURS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO THE BUILDING AND PARKING AREAS AT ALL TIMES. CONTRACTOR SHALL NOT PARK ANY CONSTRUCTION EQUIPMENT OR VEHICLES IN EXISTING PARKING AREAS OVERNIGHT OR OVER WEEKENDS. NO MORE THAN ONE-HALF OF THE PARKING LOT MAY BE CLOSED AT ANY ONE TIME. CONTRACTOR SHALL SUBMIT TO THE ENGINEER AND OWNER A PARKING LOT PHASING PLAN WHICH OUTLINES EXPECTED LOCATIONS AND DURATIONS OF PARKING LOT CLOSURES.
- IN AREAS OF EARTH EXCAVATION, IF UNSUITABLE MATERIALS ARE ENCOUNTERED AT PROPOSED SUBGRADE ELEVATION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER. THE DEPTH OF UNSUITABLE MATERIAL TO BE REMOVED WILL BE DETERMINED IN THE FIELD. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE THE UNSUITABLE MATERIALS AND REPLACE WITH SUITABLE MATERIAL APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING BUILDING, EXISTING LIGHT AND FLAG POLES AND CONCRETE WALKWAYS DURING CONSTRUCTION. ANY DAMAGE TO THE ABOVE ITEMS SHALL BE IMMEDIATELY REPAIRED WITH NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL PROVIDE OWNER METHOD OF PROTECTION PRIOR TO CONSTRUCTION.
- IRRIGATION BOX LOCATIONS ARE SHOWN AS LOCATED DURING SURVEY. LOCATION OF UNDERGROUND IRRIGATION LINES ARE UNKNOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING UNDERGROUND IRRIGATION LINES. ANY DAMAGE TO THE ABOVE ITEMS SHALL BE IMMEDIATELY REPAIRED WITH NO ADDITIONAL COST TO THE OWNER.
- PER RIDOT RULES AND REGULATIONS GOVERNING THE ADMINISTRATION AND ENFORCEMENT OF FRESHWATER WETLAND ACTS, RULE 6.03 LIMITED MAINTENANCE AND REPAIR ACTIVATES. (E): REPAVING OF, OR UNDERTAKING NORMAL ROADWAY MAINTENANCE OF, PAVED PUBLIC AND PRIVATE ROADWAYS, BIKEWAYS OR FOOTPATHS. NORMAL ROADWAY MAINTENANCE INCLUDES: RESURFACING OR IN-PLACE RECYCLING OF PAVED SURFACES; REPAIRS TO, OR RESETTING OR REPLACING CURBS, BERMS, SIDEWALKS OR GUARDRAILS; ADDITION OF GUARDRAILS, SIGNING, STRIPING OR SIGNALS; ADJUSTING MANHOLES, CATCH BASINS OR GRATES. PAVING OR OILING OF DIRT ROADS, HOWEVER IS CONSIDERED AN ALTERATION WHICH REQUIRES A PERMIT.
- CONTRACTOR SHALL BE AWARE OF THE OVERHEAD WIRES PRESENT WITHIN THE CONSTRUCTION PROJECT. CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO ENSURE THE SAFETY OF HIS CREW AND SUBCONSULTANTS.
- CONTRACTOR SHALL REMOVE EXISTING OIL TANK PRIOR TO PERFORMING ANY SCOPE OF WORK RELATED TO PAVEMENT RECLAMATION, SIDEWALK REPLACEMENT, OR NEW CONCRETE CURBING INSTALLATION.

LEGEND:

- EXISTING PROPERTY LINE
- ABUTTING PROPERTY LINE
- BUILDING SETBACK LINE
- EXISTING SPOT ELEVATION
- EXISTING CONTOUR
- EXISTING CONTOUR
- EXISTING STONE WALL
- PROPOSED CURB
- EXISTING CURB
- PROPOSED CURB
- EXISTING METAL FENCE
- CHAIN LINK FENCE
- EXISTING DRAIN LINE
- PROPOSED DRAIN LINE
- EXISTING DRAINAGE MANHOLE
- PROPOSED DRAINAGE MANHOLE
- EXISTING CATCH BASIN
- PROPOSED CATCH BASIN
- EXISTING UTILITY POLE
- PROPOSED UTILITY POLE
- EXISTING TELECOM DUCTBANK
- EXISTING ELECTRIC DUCTBANK
- RELOCATED ELECTRIC DUCTBANK
- EXISTING GAS LINE
- PROPOSED GAS LINE
- EXISTING WATER LINE
- PROPOSED WATER LINE
- WATER GATE
- PROPOSED WATER GATE
- EXISTING SEWER LINE
- PROPOSED SEWER LINE
- EXISTING SEWER MANHOLE
- PROPOSED SEWER MANHOLE
- NOW OR FORMERLY
- TREELINE
- HAY BALES
- SILT FENCE
- LIMIT OF DISTURBANCE
- TEST HOLE
- BOLLARD
- LAMP POLE
- FIRE DEPARTMENT CONTROL
- EXISTING HANDICAP
- PROPOSED HANDICAP
- EMERGENCY PHONE BOX
- EXISTING TREE



SAINT PHILIP PARISH
622 PUTNAM PIKE
GREENVILLE, RHODE ISLAND
AP 3, LOT 3

NO.	DATE	DESCRIPTION

DESIGNED BY: GEC
 DRAWN BY: WMLJR
 CHECKED BY: JAC
 DATE: APRIL 2015
 PROJECT NO: 12-68a

PRELIMINARY, NOT FOR CONSTRUCTION

GENERAL NOTES & LEGEND

SHEET 2 OF 9

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
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Environmental Management
 MAY - 4 2015



LOCATION OF EXISTING UTILITIES SHOWN, ARE FROM GATE LOCATION AND EXISTING DOCUMENTATION AND MAY NOT BE ACCURATE. EXACT LOCATION TO BE DONE BY THE APPROPRIATE UTILITY COMPANY OR MUNICIPALITY PRIOR TO ANY EXCAVATION CALL DIGSAFE AT: 1-888-DIG-SAFE 1-888-344-7233

Property Owner: **622 Putnam Pike, AP 3, Lot 3**
 Date of Test Hole: **April 23, 2015**
 Soil Evaluator: **Anthony E. Muscatelli** License Number: **D14083**
 Weather: **Cloudy, Rain 40°s** Shaded: Yes/No: Time: **8:30 AM**

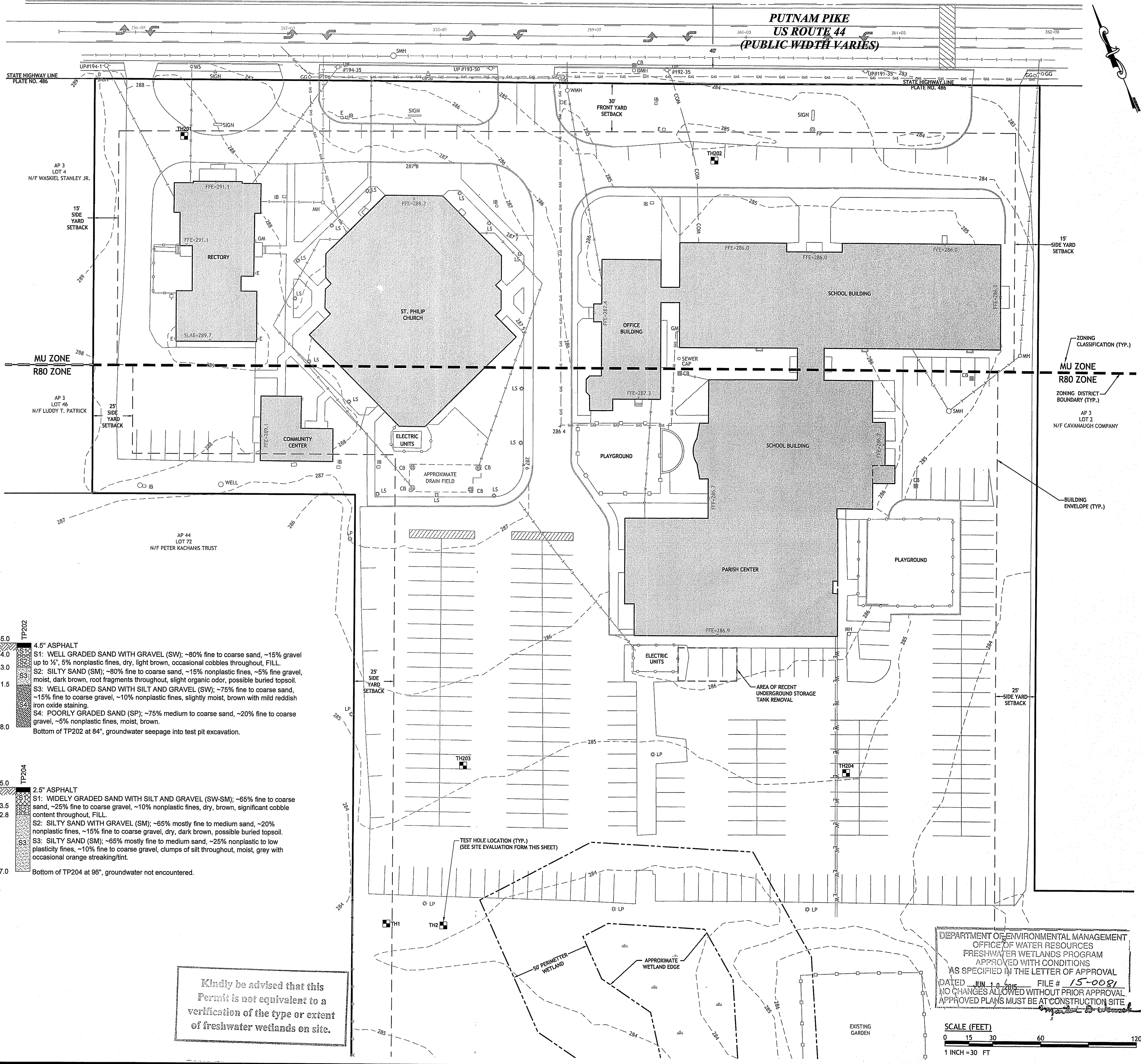
TH #	Horizon	Depth	Horizon Boundaries	Soil Colors	Soil Description	Ab. & Con.	Texture	Structure	Consistence	Soil Category
Ap	0-18"	a	S	MR 9/10	—	—	SL	1/10"	fr	3
Bu1	18-30"	c	S	MR 9/10 7.5YR 5/6 2.5YR 5/1	c (2) d	—	LS	1/10"	fr	3
Bu2	30-44"	c	S	MR 9/10 7.5YR 5/6 2.5YR 5/1	c (2) d	—	LS	1/10"	fr	3
C1	44-68"	c	W	MR 9/10 7.5YR 5/6 2.5YR 5/1	c (2) p	—	VS	0.5g	L	1
C2	68-82"	—	—	MR 9/10	c (2) p	—	S	0.5g	L	1

TH #	Horizon	Depth	Horizon Boundaries	Soil Colors	Soil Description	Ab. & Con.	Texture	Structure	Consistence	Soil Category
F0	0-15"	a	S	MR 9/10	—	—	SL	1/10"	fr	3
Bu1	15-24"	c	S	MR 9/10 7.5YR 5/6 2.5YR 5/1	c (2) d	—	LS	1/10"	fr	3
Bu2	24-30"	c	S	MR 9/10 7.5YR 5/6 2.5YR 5/1	c (2) d	—	LS	1/10"	fr	3
C1	30-52"	c	W	MR 9/10	—	—	VS	0.5g	L	1
C2	52-100"	—	—	MR 9/10	—	—	S	0.5g	L	1

Soil Class: **Class C** Total Depth of each Test Hole: **TH1: 82" TH2: 118"**
 Depth to Groundwater Seepage: **TH1: 28" TH2: 38"** Depth to Impervious or Limiting Layer: **2100" > 118"**
 Estimated Seasonal High Water Table: **TH1: 22" TH2: 22"** Comments: **BOG = Below Original Grade (does not include HTR)**

ZONING CRITERIA	REQUIRED	REQUIRED
ZONING DISTRICT	R80	MU
MINIMUM LOT AREA	80,000 SF	20,000 SF
MINIMUM LOT FRONTAGE	200 FT	125 FT
MINIMUM FRONT YARD SETBACK	40 FT	30 FT
MINIMUM SIDE YARD SETBACK	25 FT	15 FT
MINIMUM REAR YARD SETBACK	75 FT	30 FT
MAXIMUM LOT COVERAGE	10%	25%
MAXIMUM BUILDING HEIGHT	39 FT	39 FT

TP #	Soil	Depth	Notes
TP201	4.5" ASPHALT	El. 286.4	S1: WELL GRADED SAND WITH GRAVEL (SW); ~75% fine to coarse sand, ~25% fine to coarse sand (up to 3"), dry, brown, significant cobble content (up to 10"), FILL.
TP202	4.5" ASPHALT	El. 285.0	S1: WELL GRADED SAND WITH GRAVEL (SW); ~80% fine to coarse sand, ~15% gravel up to 1/2", 5% nonplastic fines, dry, light brown, occasional cobbles throughout, FILL.
TP203	2.5" ASPHALT	El. 285.2	S1: WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~65% fine to coarse sand, ~25% fine to coarse gravel, ~10% nonplastic fines, dry, brown, significant cobble content throughout (max. size = 10 inches), FILL.
TP204	2.5" ASPHALT	El. 285.0	S1: WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~65% fine to coarse sand, ~25% fine to coarse gravel, ~10% nonplastic fines, dry, brown, significant cobble content throughout, FILL.



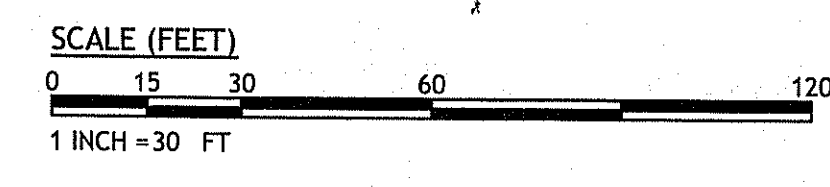
INTERNATIONAL MAPPING & SURVEYING CORP.
 LAND SURVEYING CIVIL ENGINEERING PHOTOGRAMMETRIC MAPPING
 19 INDUSTRIAL DRIVE, SMITHFIELD, R.I. 02917 (401) 232-2620

ANTHONY E. MUSCATELLI
 No. 1718
 PROFESSIONAL LAND SURVEYOR

THIS PLAN CONFORMS TO A CLASS III STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.
 BY: *Anthony E. Muscatelli* 12/14/2013
 REGISTERED PROFESSIONAL LAND SURVEYOR DATE

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
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JCE
 JOE CASALI ENGINEERING, INC.
 CIVIL, SITE DESIGN, SURVEYING, TRAFFIC, FLOODPLAIN
 DRAINAGE, WETLANDS, IEDS, TRAFFIC, FLOODPLAIN
 300 POST ROAD, WARWICK, RI 02886
 (401) 944-1200 (401) 944-1313 FAX WWW.JCEENGINEERING.COM

JOSEPH A. CASALI
 No. 1750
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 4-30-15

SAINT PHILIP PARISH
622 PUTNAM PIKE
GREENVILLE, RHODE ISLAND
AP 3, LOT 3

NO.	DATE	DESCRIPTION

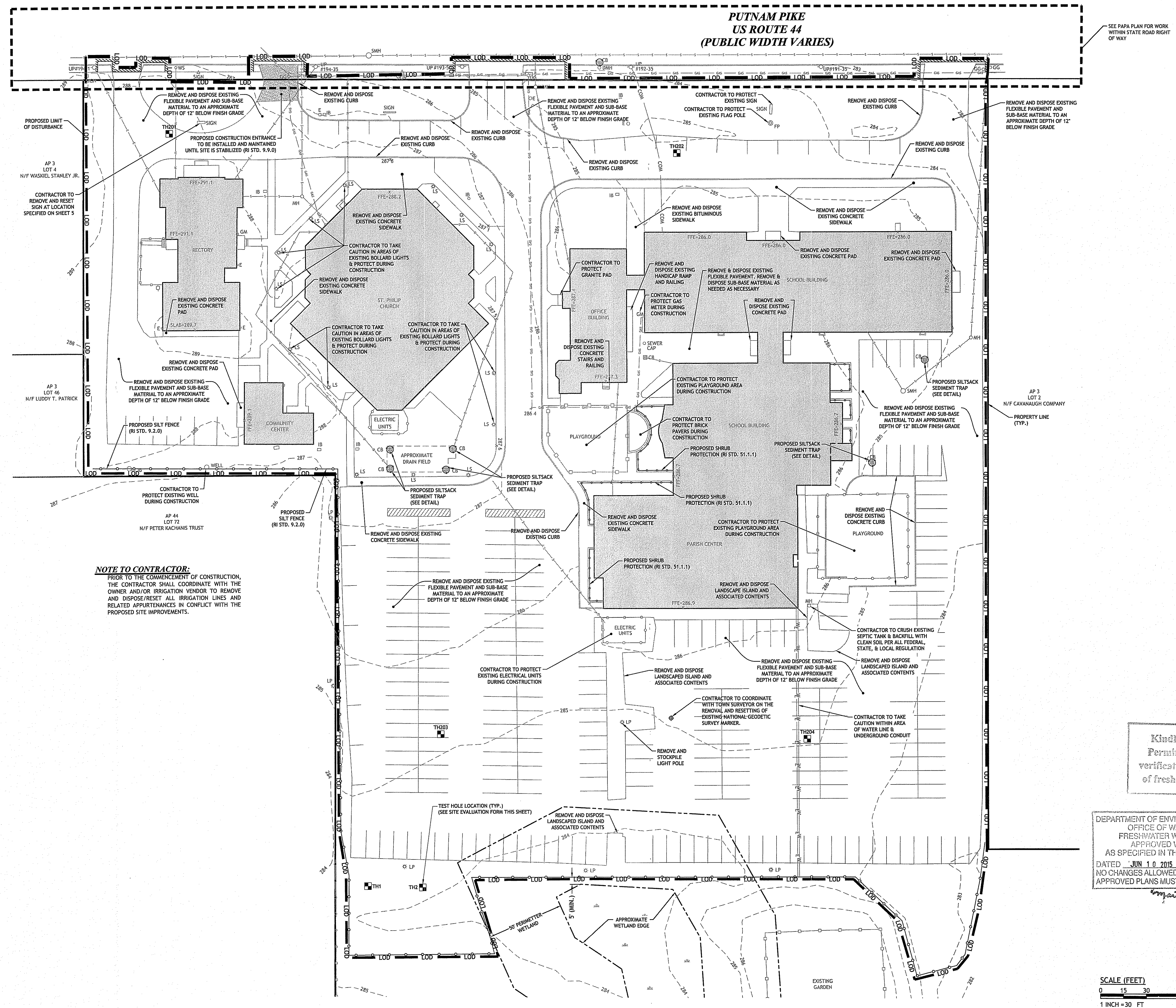
DESIGNED BY: GEC
 DRAWN BY: WMLJR
 CHECKED BY: JAC
 DATE: APRIL 2015
 PROJECT NO: 12-68a

PRELIMINARY, NOT FOR CONSTRUCTION

EXISTING CONDITIONS PLAN

SHEET 3 OF 9

PUTNAM PIKE
US ROUTE 44
(PUBLIC WIDTH VARIES)



AP 3
LOT 4
N/F WASHIEL STANLEY JR.

AP 3
LOT 46
N/F LUDDY T. PATRICK

NOTE TO CONTRACTOR:
PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AND/OR IRRIGATION VENDOR TO REMOVE AND DISPOSE/RESET ALL IRRIGATION LINES AND RELATED APPURTENANCES IN CONFLICT WITH THE PROPOSED SITE IMPROVEMENTS.

SEE PAPA PLAN FOR WORK WITHIN STATE ROAD RIGHT OF WAY

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 10 2015 FILE # 15-0081
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

SCALE (FEET)
0 15 30 60
1 INCH = 30 FT

JOSEPH A. CASALI
No. 7850
REGISTERED PROFESSIONAL ENGINEER
CIVIL
4-30-15

SAINIT PHILIP PARISH
622 PUTNAM PIKE
GREENVILLE, RHODE ISLAND
AP 3, LOT 3

REVISIONS:	NO.	DATE	DESCRIPTION

DESIGNED BY: GEC
DRAWN BY: WMLJR
CHECKED BY: JAC
DATE: APRIL 2015
PROJECT NO: 12-68a

PRELIMINARY, NOT FOR CONSTRUCTION

SITE PREPARATION PLAN

SHEET 4 OF 9

C:\12-68 St. Philip Church\CADIST PHILIP (PLANSETT).dwg, May, 01, 2015 11:59pm

OFF-STREET PARKING ANALYSIS

CHURCHES AND OTHER PLACES OF WORSHIP
1 SPACE PER 3 SEATS PLUS 1 SEAT PER STAFF MEMBER
(SMITHFIELD ZONING ORDINANCE SECTION 7.4.D.5)

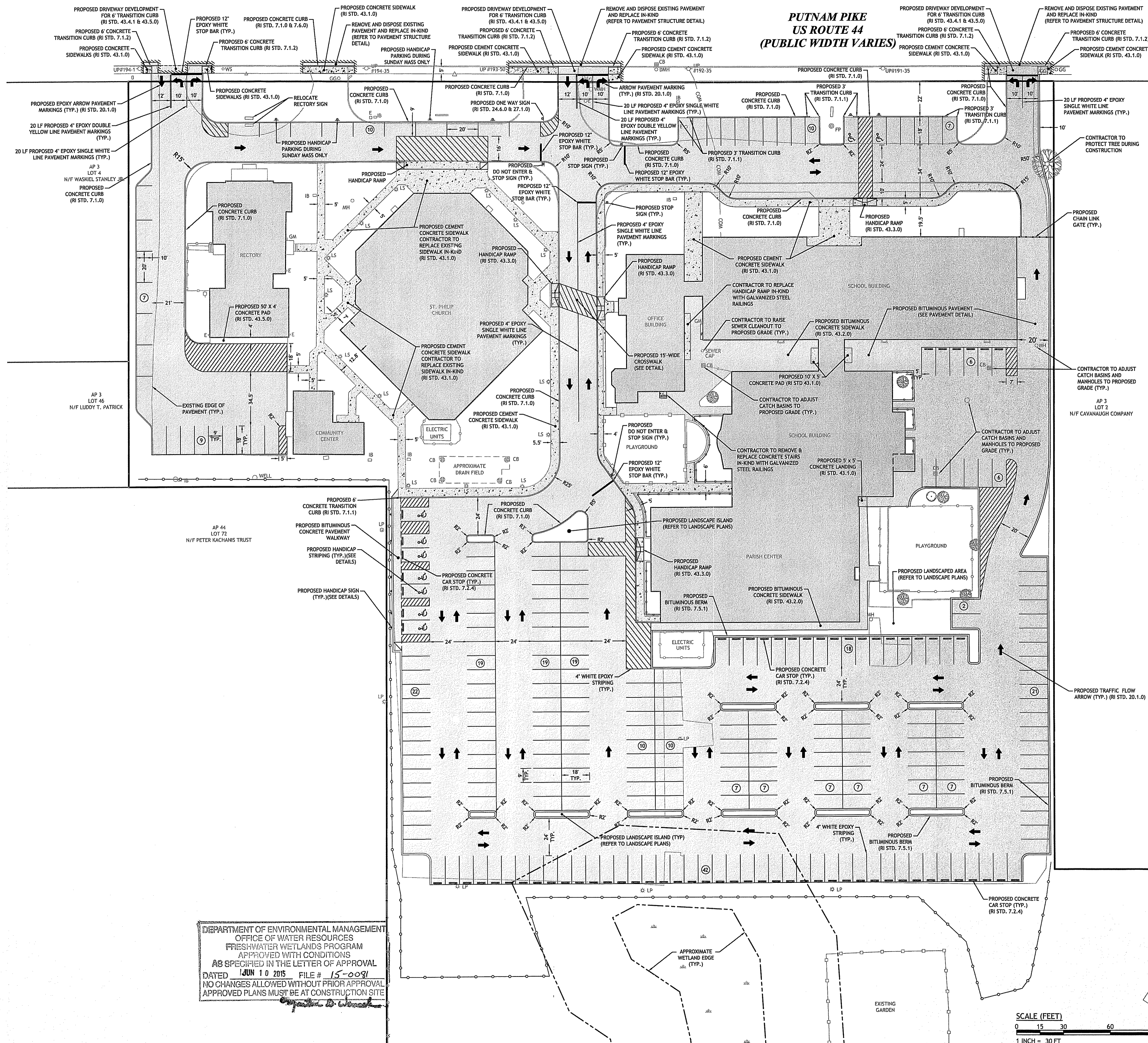
PARKING SPACES REQUIRED: 217 SPACES
ADA PARKING SPACES REQ'D: 7 SPACES (6 CAR, 1 VAN)

EXISTING: 256 SPACES
0 CAR HANDICAP
0 VAN HANDICAP

PROPOSED: 279 TOTAL SPACES
5 CAR HANDICAP
4 VAN HANDICAP

NOTE TO CONTRACTOR:
SEQUENCE OF CONSTRUCTION TO BE SUBMITTED TO OWNER FOR
REVIEW & APPROVAL DURING SHOP DRAWING REVIEW PROCESS.

Kindly be advised that this
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verification of the type or extent
of freshwater wetlands on site.



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 10 2015 FILE # 15-0091
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

SCALE (FEET)
0 15 30 60 120
1 INCH = 30 FT

JCE
JOE CASALI ENGINEERING, INC.
CIVIL SITE DEVELOPMENT, TRAFFIC ENGINEERING, LANDSCAPE ARCHITECTURE, SURVEYING, ASBESTOS ABATEMENT, EROSION CONTROL, SOIL REMEDIATION, 300 POST ROAD, WARWICK, RI 02886
(401)944-1300 (401)944-1313 FAX WWW.JCEONLINE.COM

JOSEPH A. CASALI
No. 750
REGISTERED PROFESSIONAL ENGINEER
CIVIL
4-20-15

SAINTE PHILIP PARISH
622 PUTNAM PIKE
GREENVILLE, RHODE ISLAND
AP 3, LOT 3

REVISIONS:

NO.	DATE	DESCRIPTION

DESIGNED BY: GEC
DRAWN BY: WMLJR
CHECKED BY: JAC
DATE: APRIL 2015
PROJECT NO: 12-68a

PRELIMINARY, NOT FOR CONSTRUCTION

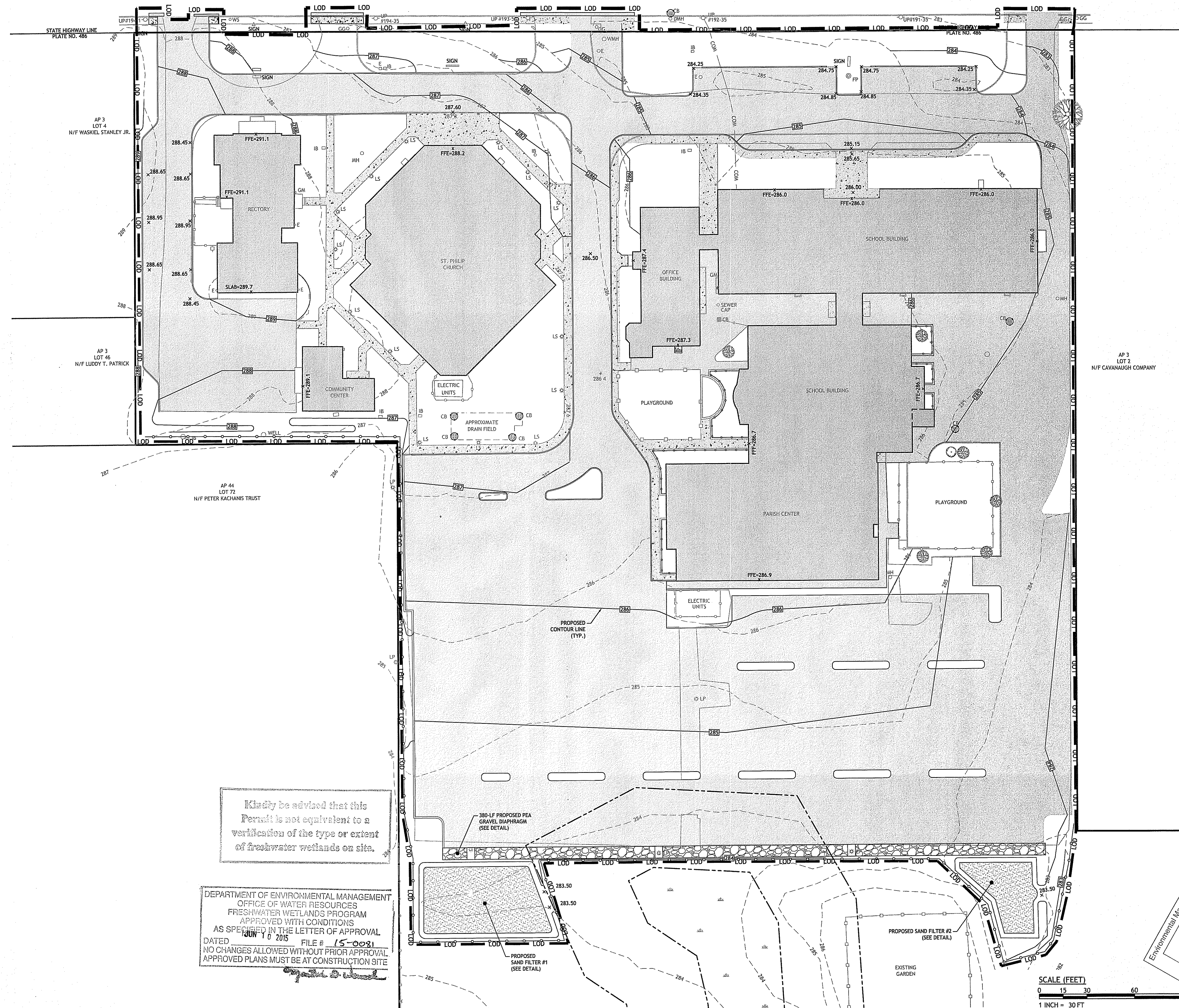
SITE PLAN

SHEET 5 OF 9

Q:\12-68 St. Philip Church\ACAD\ST.PHILIP [PLANE]T.dwg, May 01, 2015 2:00pm

Environmental Management
MAY - 4 2015
Office of Water Resources

PUTNAM PIKE
US ROUTE 44
(PUBLIC WIDTH VARIES)



Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
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APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Environmental Management
MAY - 4 2015
Office of Water Resources

SCALE (FEET)
0 15 30 60 120
1 INCH = 30 FT

JOE CASALI ENGINEERING, INC.
Civil, Structural, Mechanical, Transportation
Drainage, Wetlands, ISDS, Traffic, Floodplain
300 Post Road, Warwick, RI 02888
(401) 944-1500 (609) 441-9374 WWW.JOECASALI.COM

JOSEPH A. CASALI
No. 7250
REGISTERED
PROFESSIONAL ENGINEER
CIVIL
4-20-15

SAINT PHILIP PARISH
622 PUTNAM PIKE
GREENVILLE, RHODE ISLAND
AP 3, LOT 3

REVISIONS:

NO.	DATE	DESCRIPTION

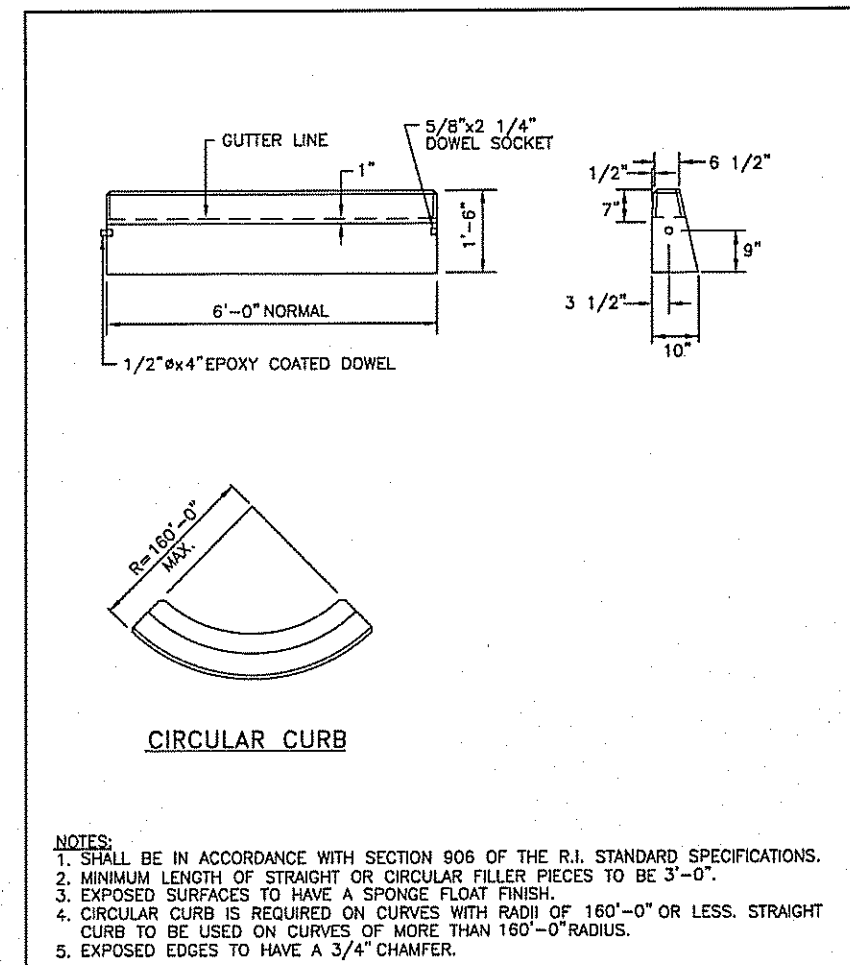
DESIGNED BY: GEC
DRAWN BY: WMLJR
CHECKED BY: JAC
DATE: APRIL 2015
PROJECT NO: 12-68a

PRELIMINARY, NOT FOR CONSTRUCTION

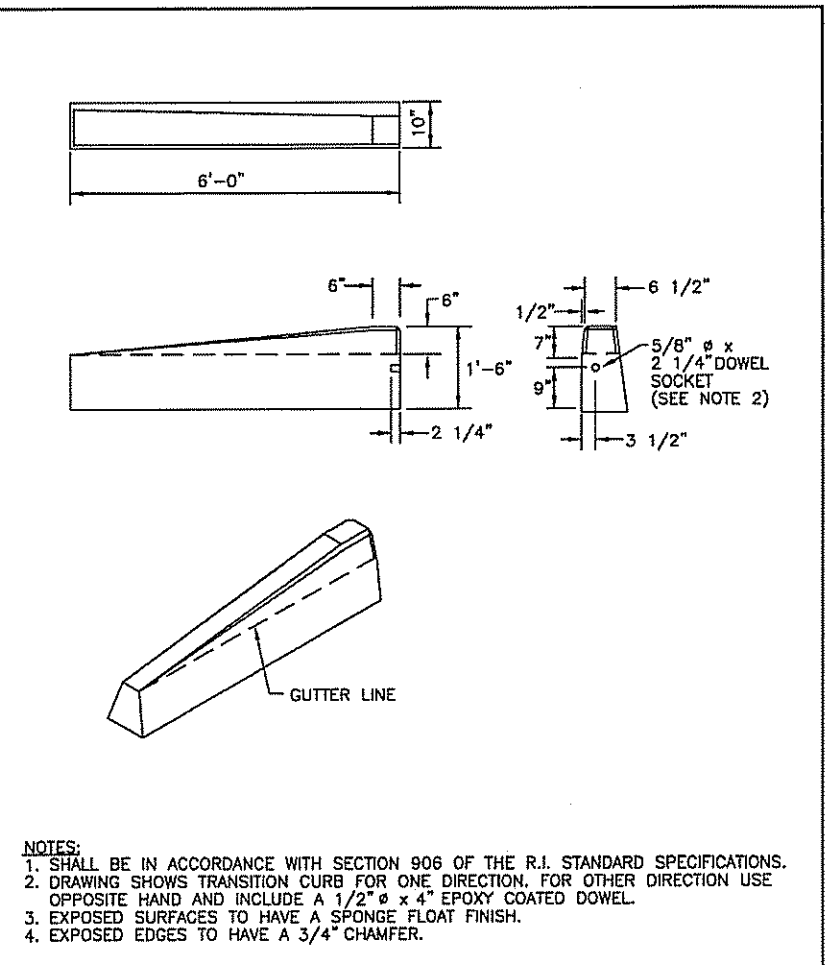
GRADING & DRAINAGE PLAN

SHEET 6 OF 9

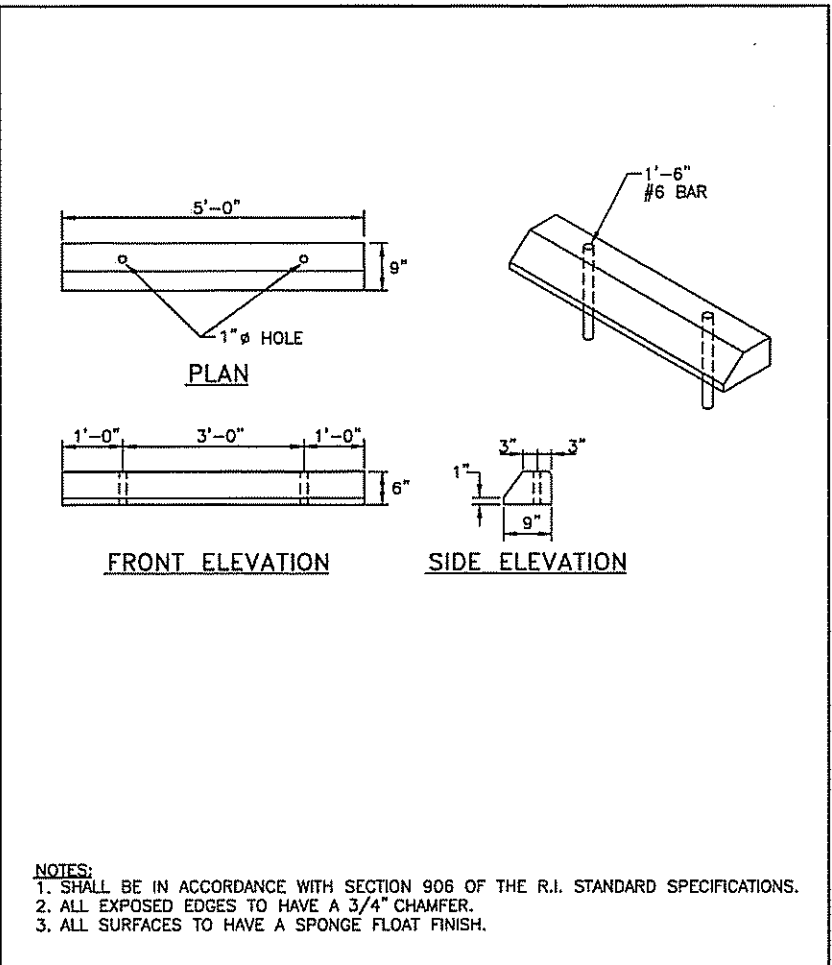
Q:\12-68 St. Philip Church\DC\DIST.PHILIP (P\ANSETT).dwg May. 01. 2015 2:00pm



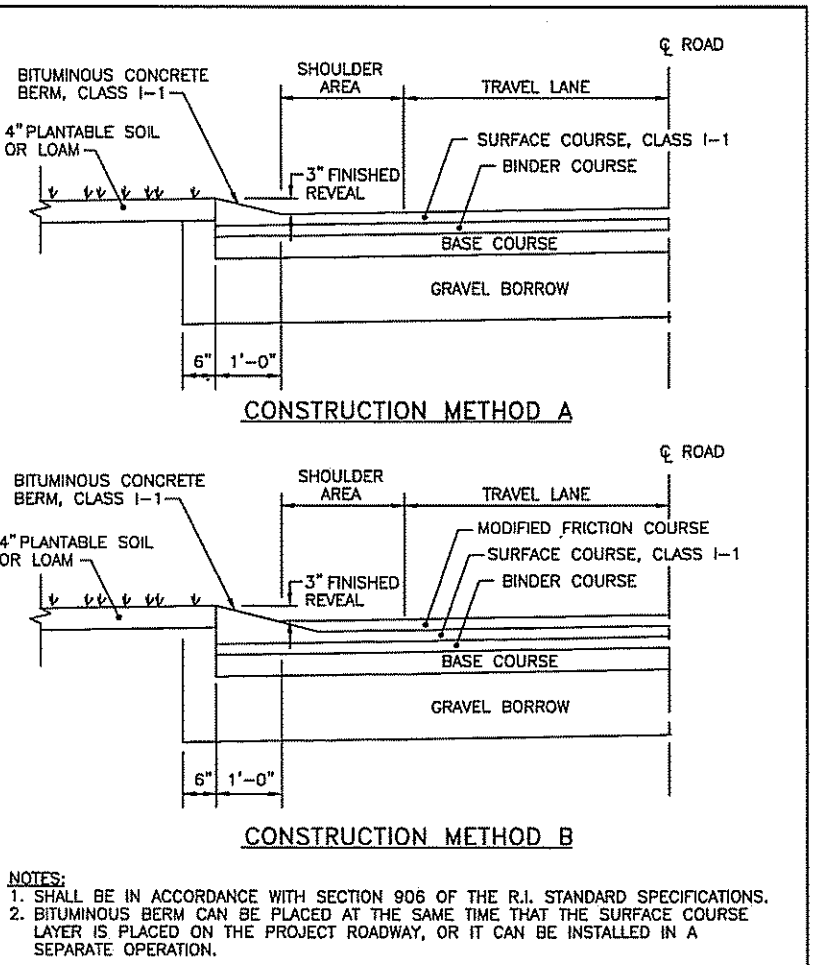
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
PRECAST CONCRETE CURB
 R.I. STANDARD 7.1.0
 DATE: JUNE 15, 1998



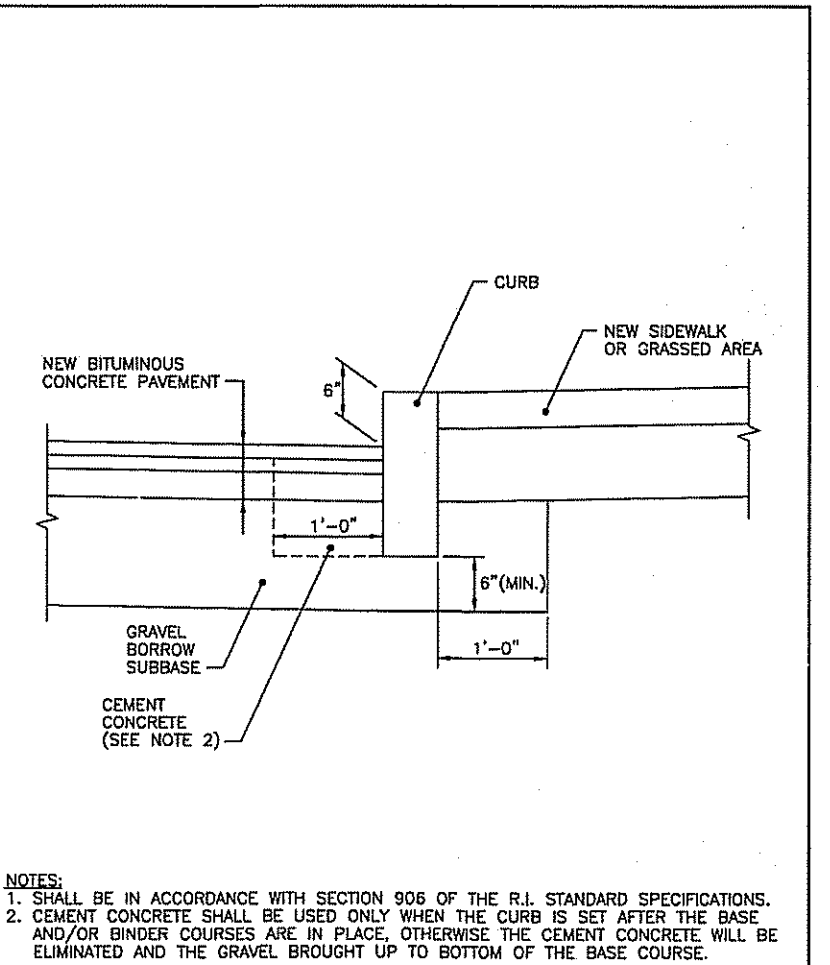
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
6" PRECAST CONCRETE TRANSITION CURB
 R.I. STANDARD 7.1.2
 DATE: JUNE 15, 1998



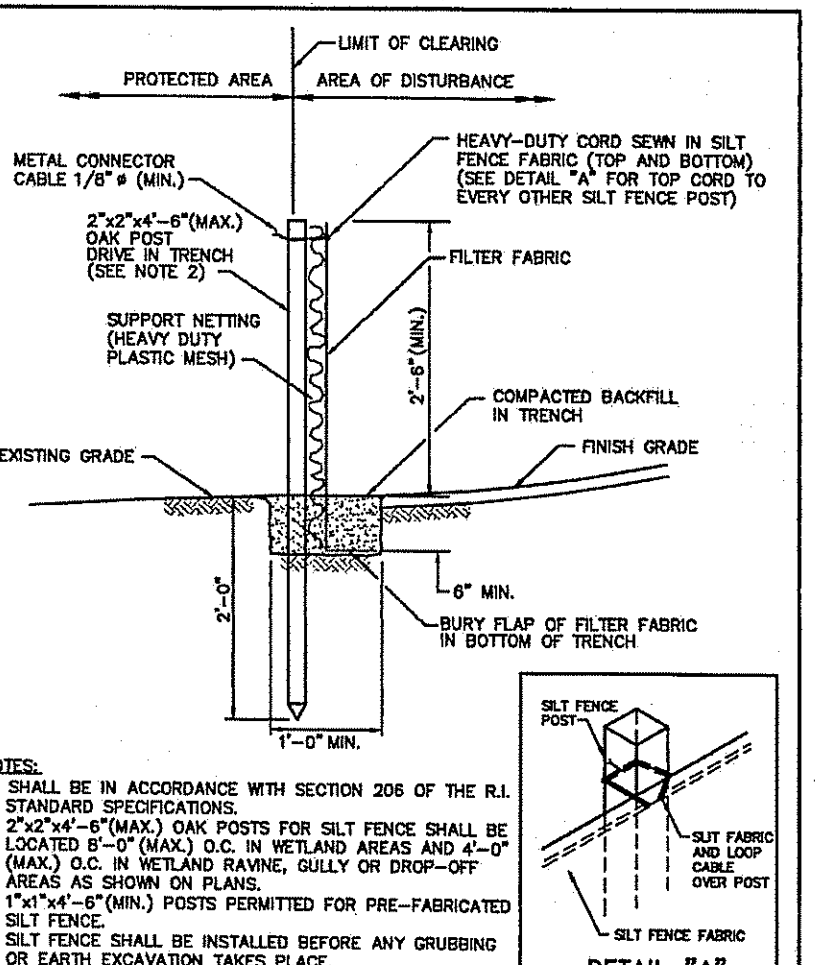
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
PRECAST CONCRETE CAR STOPS
 R.I. STANDARD 7.2.4
 DATE: JUNE 15, 1998



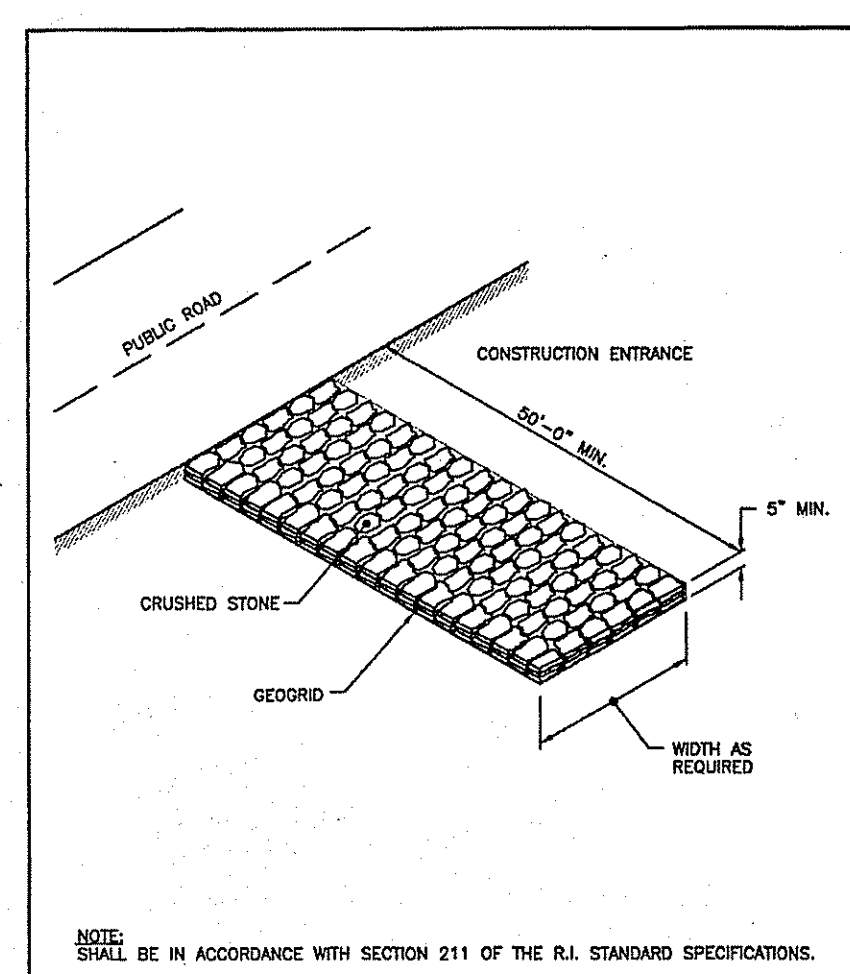
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
BITUMINOUS BERM
 R.I. STANDARD 7.5.1
 DATE: JUNE 15, 1998



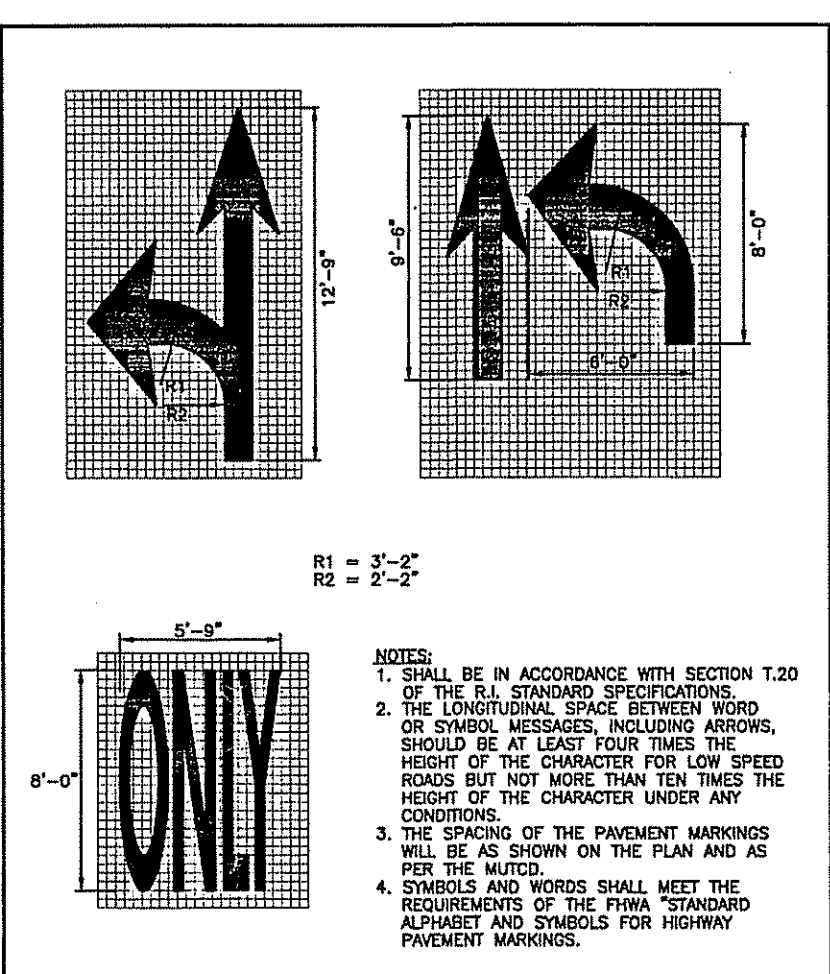
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
CURB SETTING DETAIL
 R.I. STANDARD 7.5.0
 DATE: JUNE 15, 1998



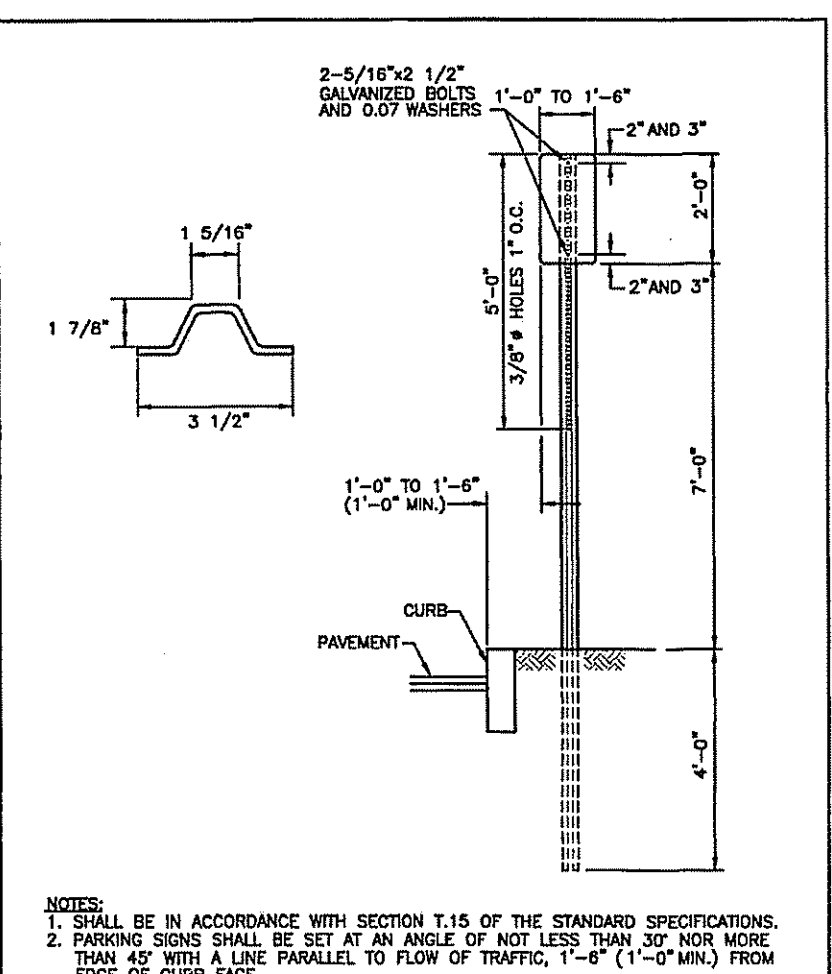
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
SILT FENCE DETAIL
 R.I. STANDARD 9.2.0
 DATE: JUNE 15, 1998



RHODE ISLAND DEPARTMENT OF TRANSPORTATION
CONSTRUCTION ACCESS
 R.I. STANDARD 9.9.0
 DATE: JUNE 15, 1998



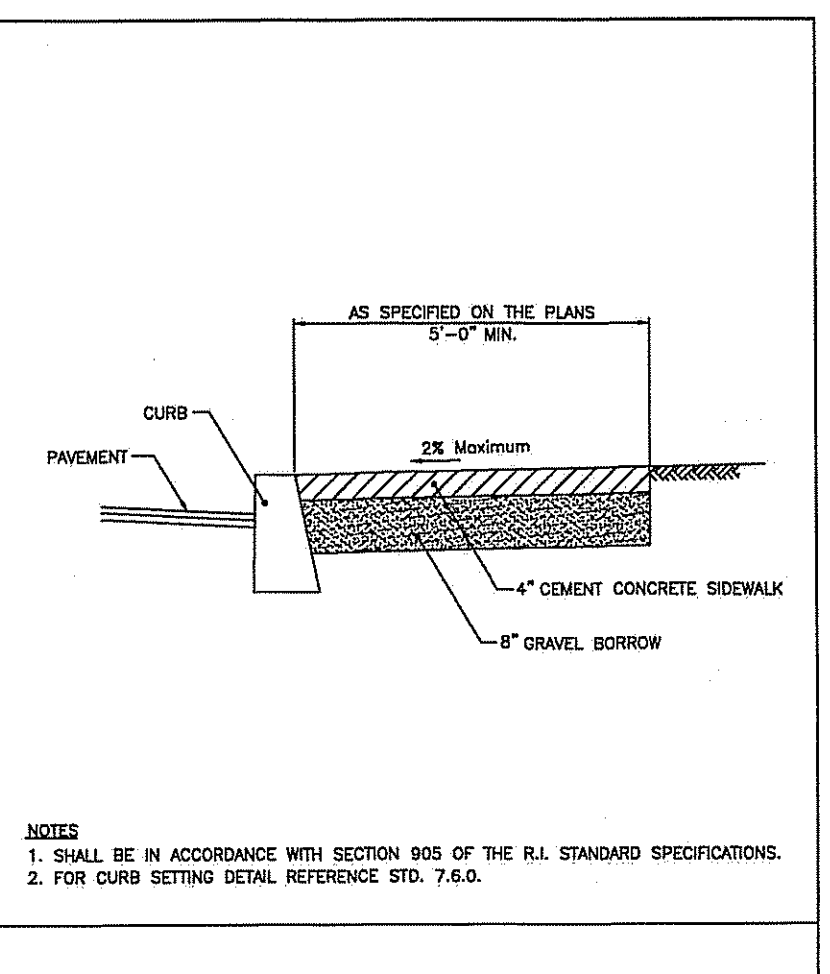
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS ARROWS AND ONLY
 R.I. STANDARD 20.1.0
 DATE: JUNE 15, 1998



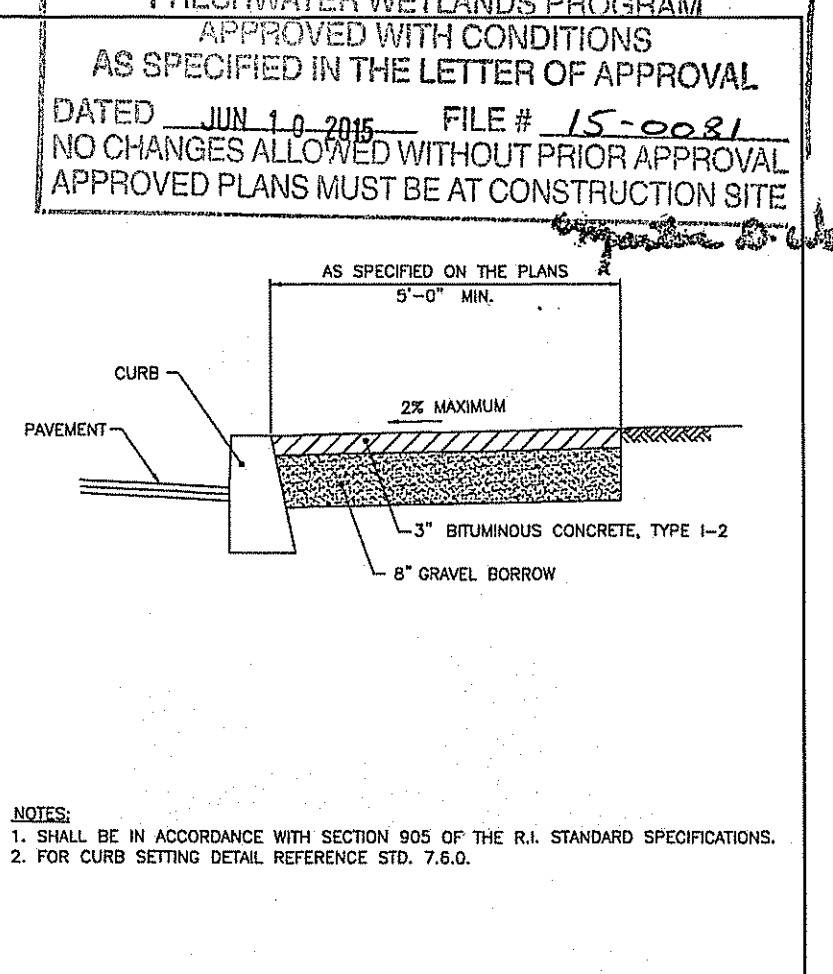
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
PARKING SIGN MOUNTING DETAIL
 R.I. STANDARD 24.8.0
 DATE: JUNE 15, 1998

NO.	BY	DATE	DESCRIPTION
1	JAC	12/27/97	ISSUED FOR BIDDING
2	JAC	12/27/97	ISSUED FOR BIDDING
3	JAC	12/27/97	ISSUED FOR BIDDING

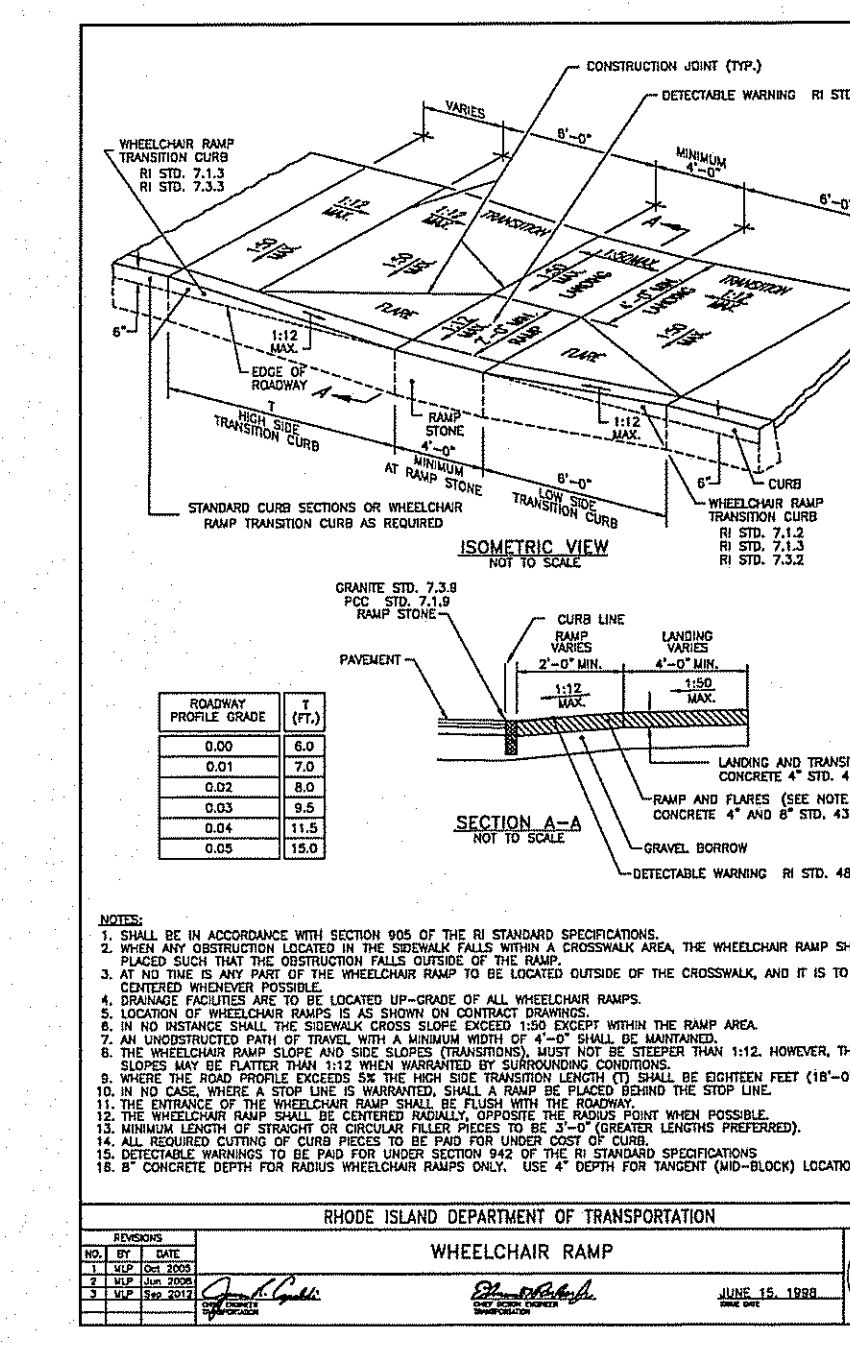
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
REGULATORY SIGNS
 R.I. STANDARD 27.1.0
 DATE: JUNE 15, 1998



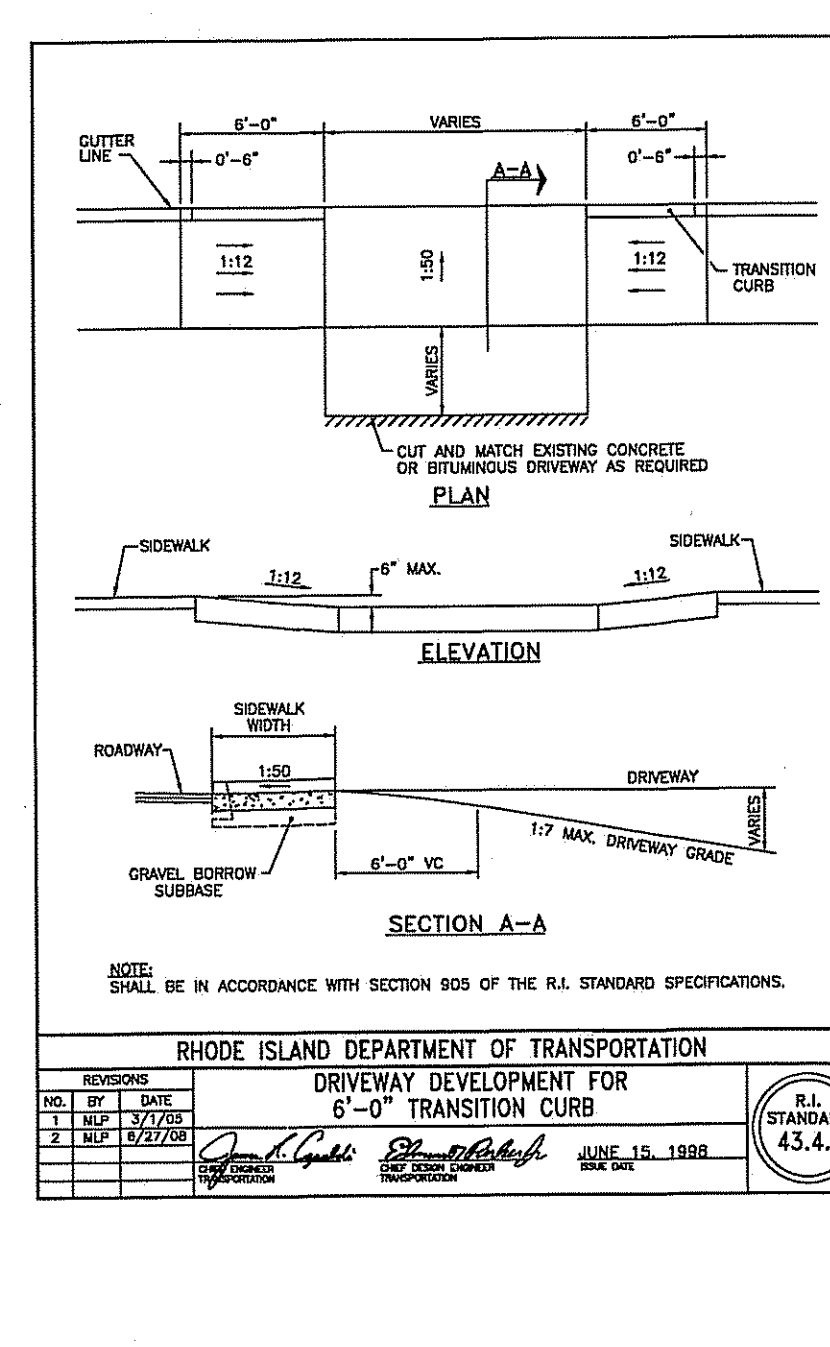
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
CEMENT CONCRETE SIDEWALK
 R.I. STANDARD 43.1.0
 DATE: JUNE 15, 1998



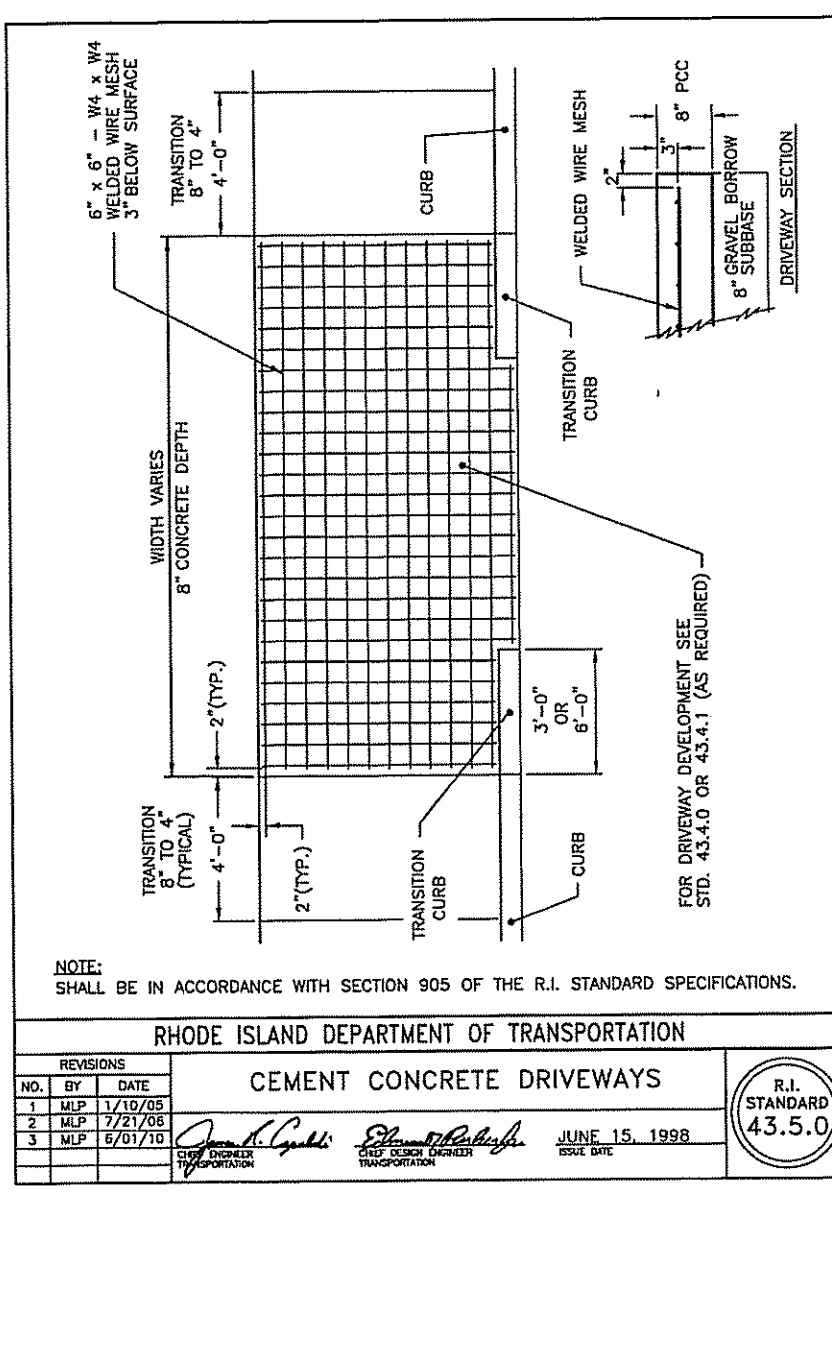
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
BITUMINOUS CONCRETE SIDEWALK
 R.I. STANDARD 43.2.0
 DATE: JUNE 15, 1998



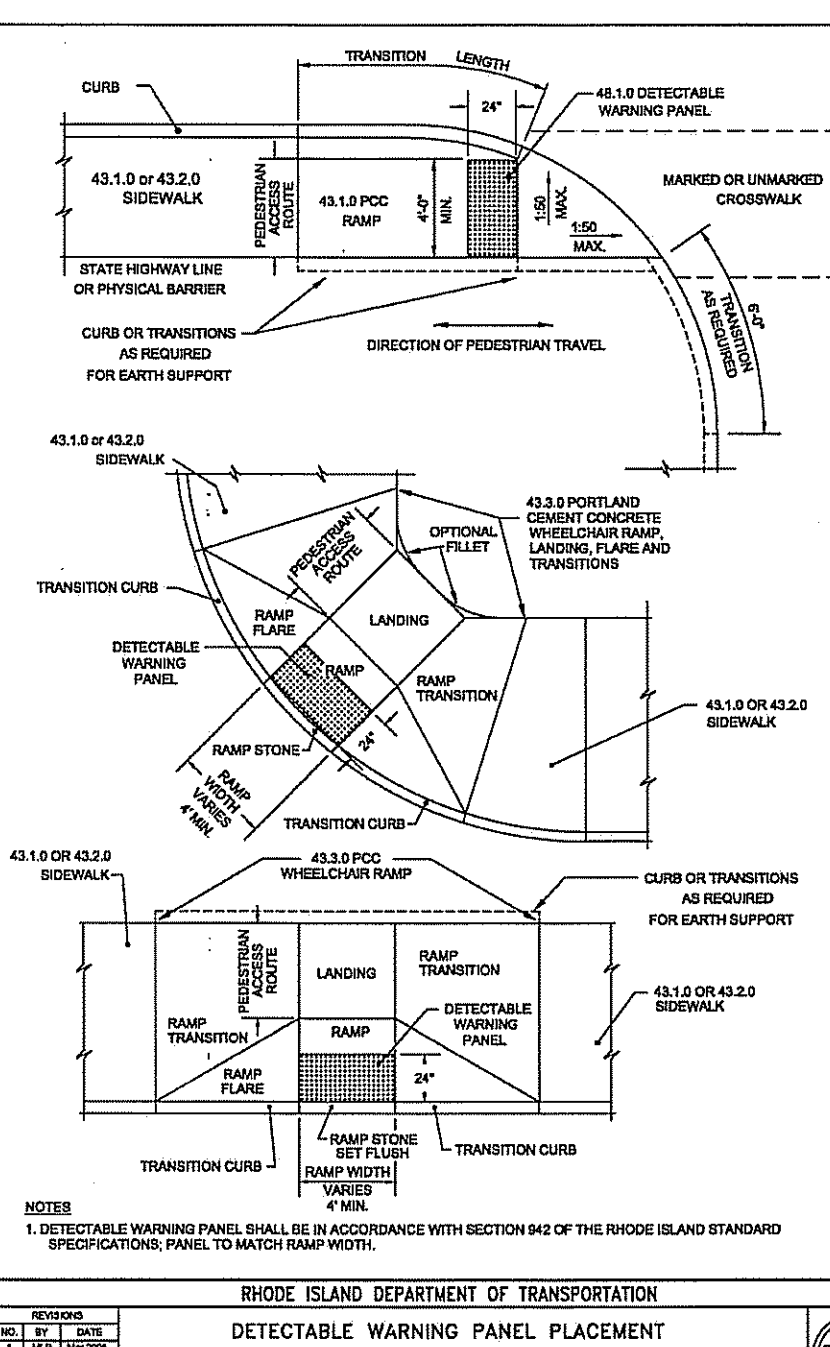
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
WHEELCHAIR RAMP
 R.I. STANDARD 43.3.0
 DATE: JUNE 15, 1998



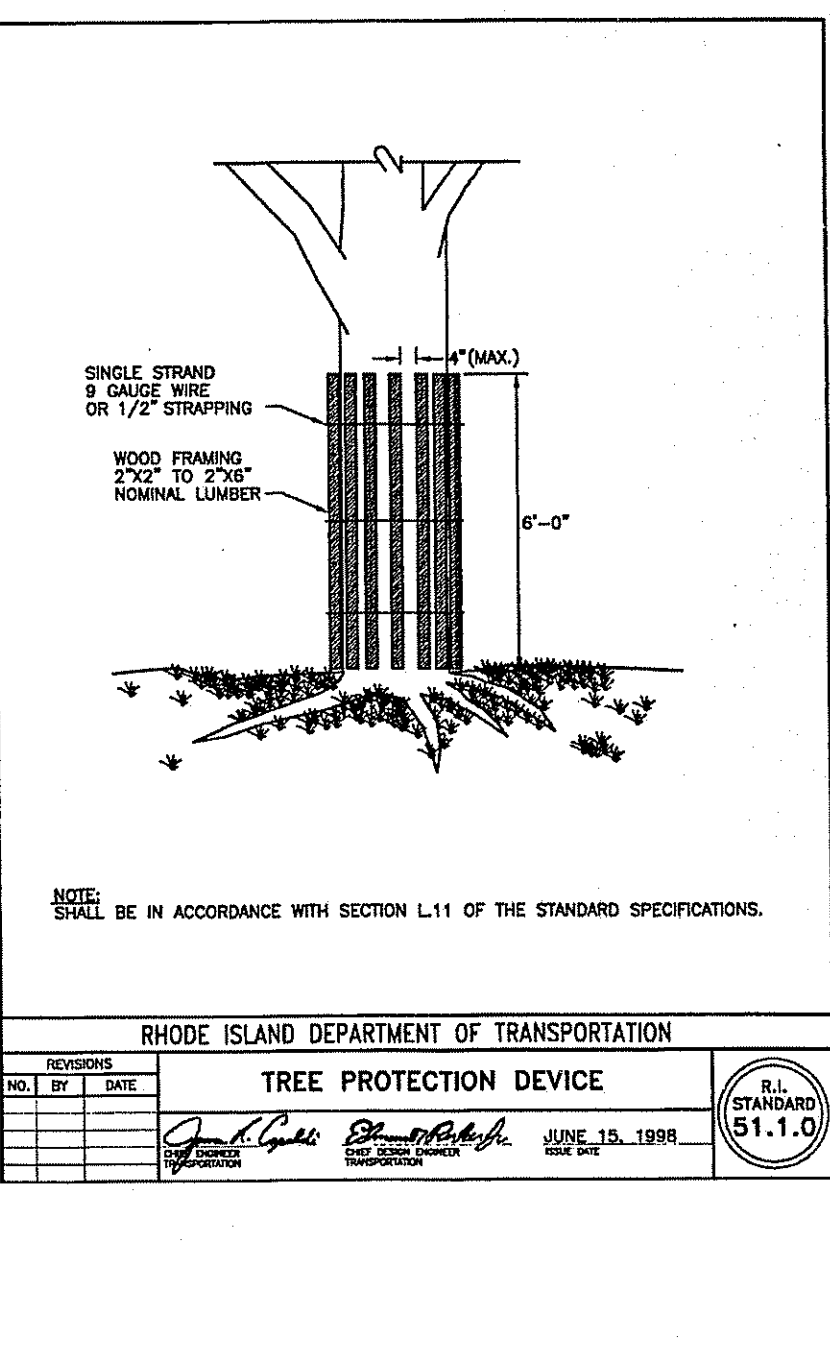
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
DRIVEWAY DEVELOPMENT FOR 6" TRANSITION CURB
 R.I. STANDARD 43.4.1
 DATE: JUNE 15, 1998



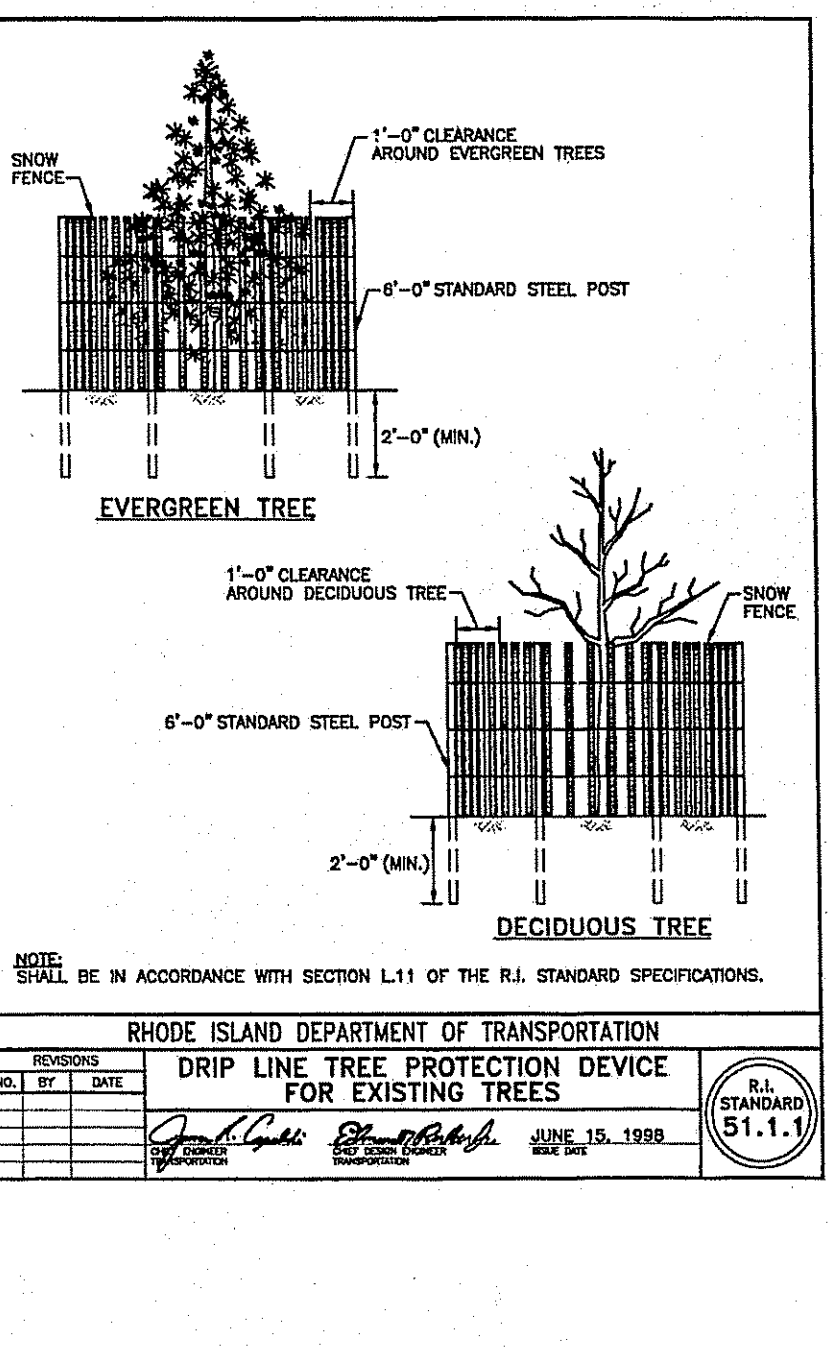
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
CEMENT CONCRETE DRIVEWAYS
 R.I. STANDARD 43.5.0
 DATE: JUNE 15, 1998



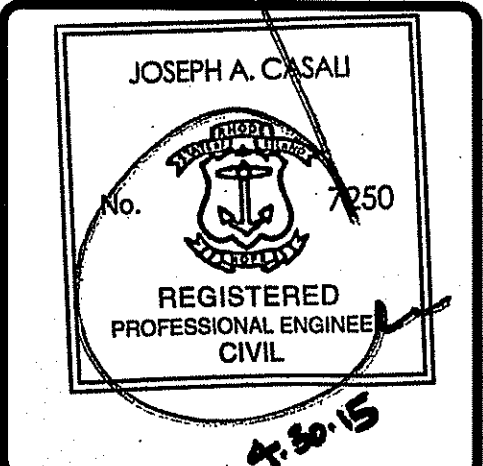
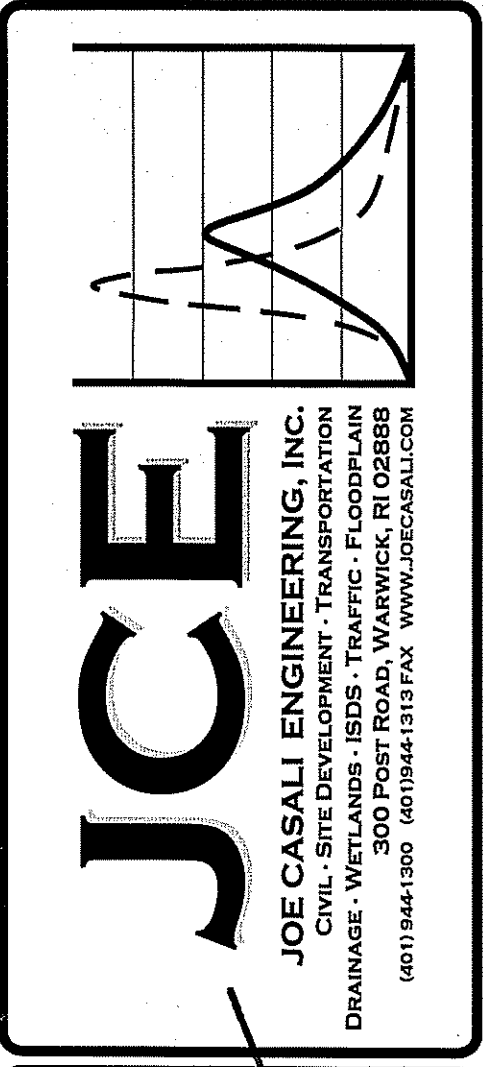
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
DETECTABLE WARNING PANEL PLACEMENT
 R.I. STANDARD 48.1.0
 DATE: JUNE 15, 1998



RHODE ISLAND DEPARTMENT OF TRANSPORTATION
TREE PROTECTION DEVICE
 R.I. STANDARD 51.1.0
 DATE: JUNE 15, 1998



RHODE ISLAND DEPARTMENT OF TRANSPORTATION
DRIP LINE TREE PROTECTION DEVICE FOR EXISTING TREES
 R.I. STANDARD 51.1.1
 DATE: JUNE 15, 1998



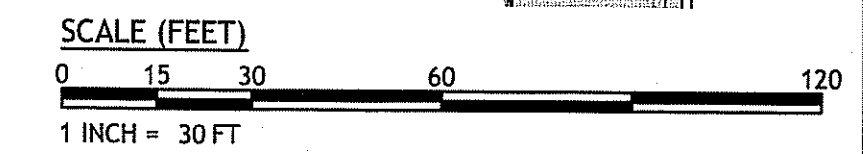
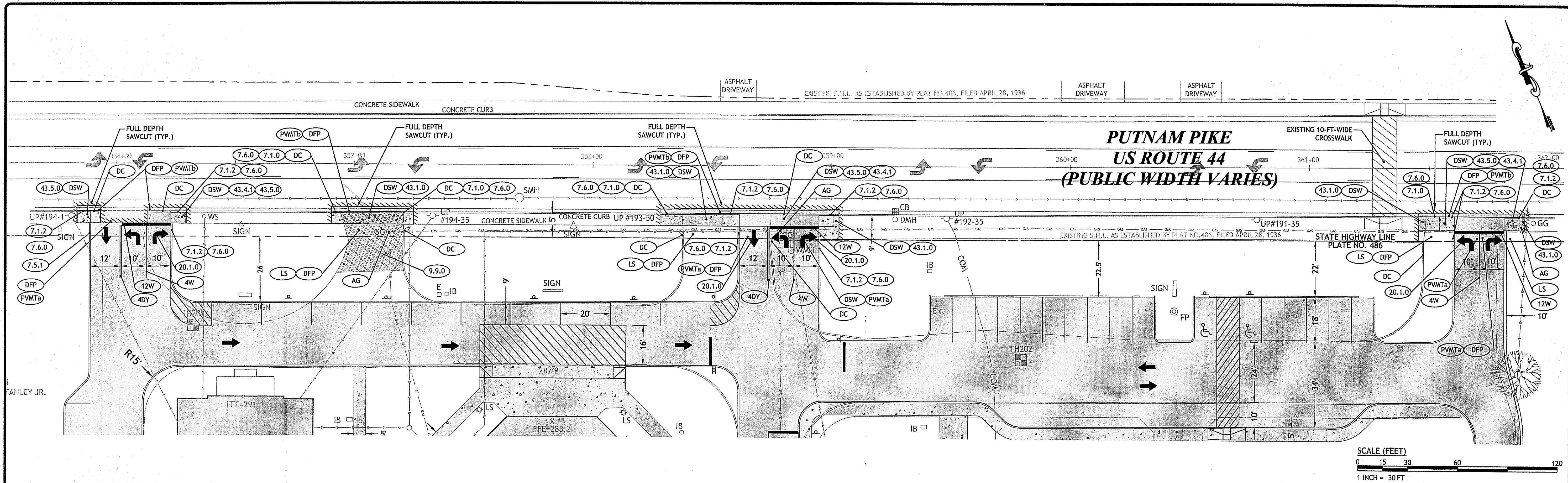
SAINT PHILIP PARISH
622 PUTNAM PIKE
GREENVILLE, RHODE ISLAND
AP 3, LOT 3

NO.	DATE	DESCRIPTION

DESIGNED BY: GEC
 DRAWN BY: WMLJR
 CHECKED BY: JAC
 DATE: APRIL 2015
 PROJECT NO: 12-68A

PRELIMINARY, NOT FOR CONSTRUCTION
RIDOT STANDARD DETAILS

SHEET 7 OF 9



NOTES:

1. ALL WORK WITHIN THE STATE'S RIGHT-OF-WAY SHALL CONFORM TO RIDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2010 EDITION INCLUDING ALL REVISIONS AND RIDOT'S STANDARD DETAILS, JUNE 15, 1998, INCLUDING ALL REVISIONS.
2. UTILITY WORK SHOWN AS REFERENCE. THIS WORK NEEDS TO BE PERMITTED THROUGH A UTILITY PHYSICAL UTILITY PERMIT (PUP) WITH RIDOT'S DIVISION OF MAINTENANCE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING POLICE PROTECTION. ALL TEMPORARY AND VEHICULAR SIGNS, BARRICADES AND LANE CLOSURES SHALL BE IN CONFORMANCE WITH THE LATEST REVISIONS OF MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

POSTED SPEED LIMIT ON POST ROAD: 35 MPH
 AASHTO STOPPING SIGHT DISTANCE (SSD) REQUIREMENTS

SPEED	DISTANCE
25	155 FT.
30	200 FT.
35	250 FT.
55	495 FT.

SITE MEETS REQUIREMENTS FOR THE POSTED SPEED LIMIT ON POST ROAD. IT SHOULD BE NOTED THAT SPEEDS WERE IN EXCESS OF THE POSTED SPEED LIMIT HOWEVER THE STOPPING SIGHT DISTANCE MEASURED ALLOW FOR SPEEDS UP TO 55 MPH.

RHODE ISLAND STANDARDS

- | | |
|---|---|
| (7.1.0) CONCRETE CURB - STRAIGHT | (AG) ADJUST GATE TO GRADE |
| (7.1.2) CONCRETE CURB - TRANSITION - 6'-0" | (DC) REMOVE AND DISPOSE CURB |
| (7.5.1) BITUMINOUS BERM | (DFP) REMOVE AND DISPOSE FLEXIBLE PAVEMENT |
| (7.6.0) CURB SETTING DETAIL | (DSW) REMOVE AND DISPOSE SIDEWALK |
| (9.9.0) CONSTRUCTION ACCESS | (LS) LOAM & SEED |
| (20.1.0) PAVEMENT MARKINGS ARROWS AND ONLY | (PVMT)a 1.5" BITUMINOUS SURFACE TYPE I-1
2.25" BITUMINOUS BASE COURSE
8" GRAVEL BORROW SUBBASE COURSE |
| (24.1.0) SIGN POST SELECTION AND INSTALLATION DETAILS SQUARE POST | (PVMT)b REPLACE PAVEMENT IN KIND AT MINIMUM:
2" BITUMINOUS SURFACE COURSE TYPE I-1
3" BITUMINOUS BASE COURSE
8" GRAVEL BORROW SUBBASE COURSE |
| (27.1.0) REGULATORY SIGNS | (4W) 4" WHITE STRIPING |
| (43.1.0) CONCRETE SIDEWALK | (4DY) 4" DOUBLE YELLOW STRIPING |
| (43.4.1) DRIVEWAY DEVELOPMENT FOR 6'-0" TRANSITION CURB | (12W) 12" WHITE STRIPING |
| (43.5.0) CEMENT CONCRETE DRIVEWAYS | (X) SIGN NUMBER
(XX) SIGN DESIGNATION
(X-X) SIGN POST |

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JUN 10 2015 FILE # 15-0081
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Saint Philip Parish
622 PUTNAM PIKE
GREENVILLE, RHODE ISLAND
AP 3, LOT 3

REVISIONS:

NO.	DATE	DESCRIPTION

DESIGNED BY: GEC
 DRAWN BY: WMLJR
 CHECKED BY: JAC
 DATE: APRIL 2015
 PROJECT NO: 12-68a

PRELIMINARY, NOT FOR CONSTRUCTION

RIDOT PAPA PLAN

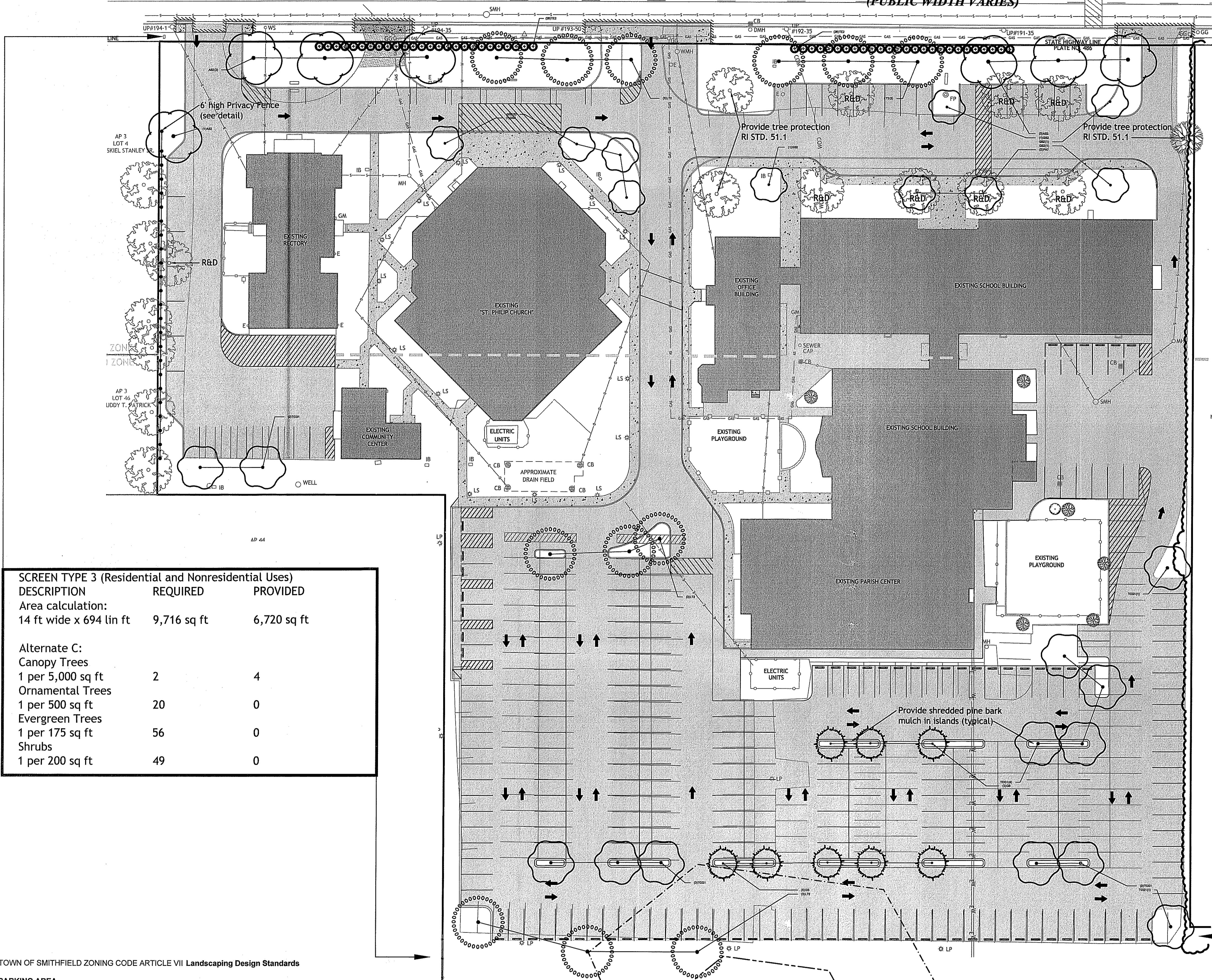
SHEET 9 OF 9

JCE
 JOE CASALI ENGINEERING, INC.
 CIVIL, SITE DEVELOPMENT, TRANSPORTATION
 DRAINAGE, WETLANDS, I&DS, TRAFFIC, FLOODPLAIN
 ANALYSIS, EROSION CONTROL, ENVIRONMENTAL
 (401) 844-1200, 401.844.1317 FAX, WWW.JCE-RI.COM

JOSEPH A. CASALI
 No. 7250
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 4.10.15

Q:\15-08 St. Philip Church\CDIST\PHILIP [PLANS] SET.dwg May 01, 2015 2:02pm

(PUBLIC WIDTH VARIES)



PLANT SCHEDULE

DECIDUOUS TREES	CODE	QTY	COMMON NAME / BOTANICAL NAME	CONT	CAL
AS2		7	Sugar Maple / Acer saccharum	B & B	2.5' Cal
GB		8	Ginkgo biloba 'Princeton Sentry' Male trees only	B & B	2.5' Cal
GS2		8	Skyline Honey Locust / Gleditsia triacanthos 'Skyline'	B & B	2.5' Cal
LT2		12	Tulip Tree / Liriodendron tulipifera	B & B	2.5' Cal
TCG1		13	Greenspire Littleleaf Linden / Tilia cordata 'Greenspire'	B & B	2.5' Cal
FLOWERING TREES	CODE	QTY	COMMON NAME / BOTANICAL NAME	CONT	CAL
PA7		2	Japanese Flowering Cherry / Prunus serrulata 'Amanogawa'	B & B	2.5' Cal
SHRUBS	CODE	QTY	COMMON NAME / BOTANICAL NAME	CONT	
TE2		52	Everlow Yew / Taxus x media 'Everlow'	5 gal	

NOTE:
Loam and seed all disturbed areas unless otherwise noted.

SCREEN TYPE 3 (Residential and Nonresidential Uses)		
DESCRIPTION	REQUIRED	PROVIDED
Area calculation: 14 ft wide x 694 lin ft	9,716 sq ft	6,720 sq ft
Alternate C:		
Canopy Trees 1 per 5,000 sq ft	2	4
Ornamental Trees 1 per 500 sq ft	20	0
Evergreen Trees 1 per 175 sq ft	56	0
Shrubs 1 per 200 sq ft	49	0

SCREEN TYPE 3 (Residential and Nonresidential Uses)		
DESCRIPTION	REQUIRED	PROVIDED
Area calculation: 14 ft wide x 448 lin ft	6,272 sq ft	4,632 sq ft
Alternate C:		
Canopy Trees 1 per 5,000 sq ft	2	*
Ornamental Trees 1 per 500 sq ft	13	*
Evergreen Trees 1 per 175 sq ft	36	*
Shrubs 1 per 200 sq ft	32	*

*Existing continuous hedge meets screening requirement

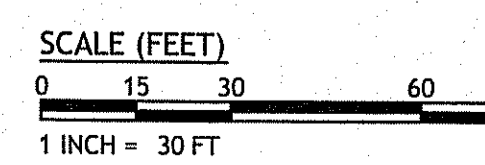
TOWN OF SMITHFIELD ZONING CODE ARTICLE VII Landscaping Design Standards

PARKING AREA		
Description	Required	Provided
150 sq ft landscaping per 10 parking spaces (288 spaces)	4,320 sq ft	4,713 sq ft
Minimum landscape island width	8 feet	4 feet to 15 feet
Minimum parking lot trees	2 per every 12 spaces or 48 trees (279/12 x 2)	52 trees
Minimum parking area landscaping	50% vegetation	Yes
OVERALL SITE LANDSCAPING		
Description	Required	Provided
Frontage landscape strip between parking and property line	10 feet wide	22 - 25 feet
Screening adjacent to public streets	1/2 of street frontage or 250 lin ft (497 lin ft/2)	250 lin ft
Perimeter landscaping of abutting properties	Screen Type 1C (SEE PLAN FOR CALCULATIONS)	See plan
Street tree and Canopy Tree caliper size	2 1/2"	2 1/2"
Ornamental Trees Height	6 feet	6 feet
Trees required along frontage	1 tree for every 40 linear feet excluding curb cuts or 13 trees (497 lin ft/40)	13 (1 existing, 12 proposed)
Evergreen Tree Height	8 feet	8 feet
Shrubs	2 feet	2 feet
Building perimeter landscaping	3 sides (minimum 4 ft wide)	2 to 4 sides (0-15 ft wide)

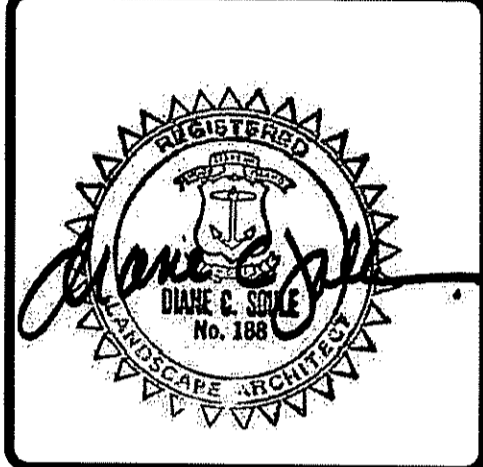
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 10 2015 FILE # 15-008
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Signature

Diane C. Soule & Associates, ASLA
Landscape Architecture
422 Farnum Pike
Smithfield, Rhode Island 02917
www.dianesouleandassociates.com
401.231.0736
email: diane@dcsa.ws



JCE
JOE CASALI ENGINEERING, INC.
300 POST ROAD, WARWICK, RI 02888
(401) 944-1100



SAINT PHILIP PARISH
622 PUTNAM PIKE
GREENVILLE, RHODE ISLAND
AP 3 LOT 3

REVISIONS:	
NO.	DESCRIPTION

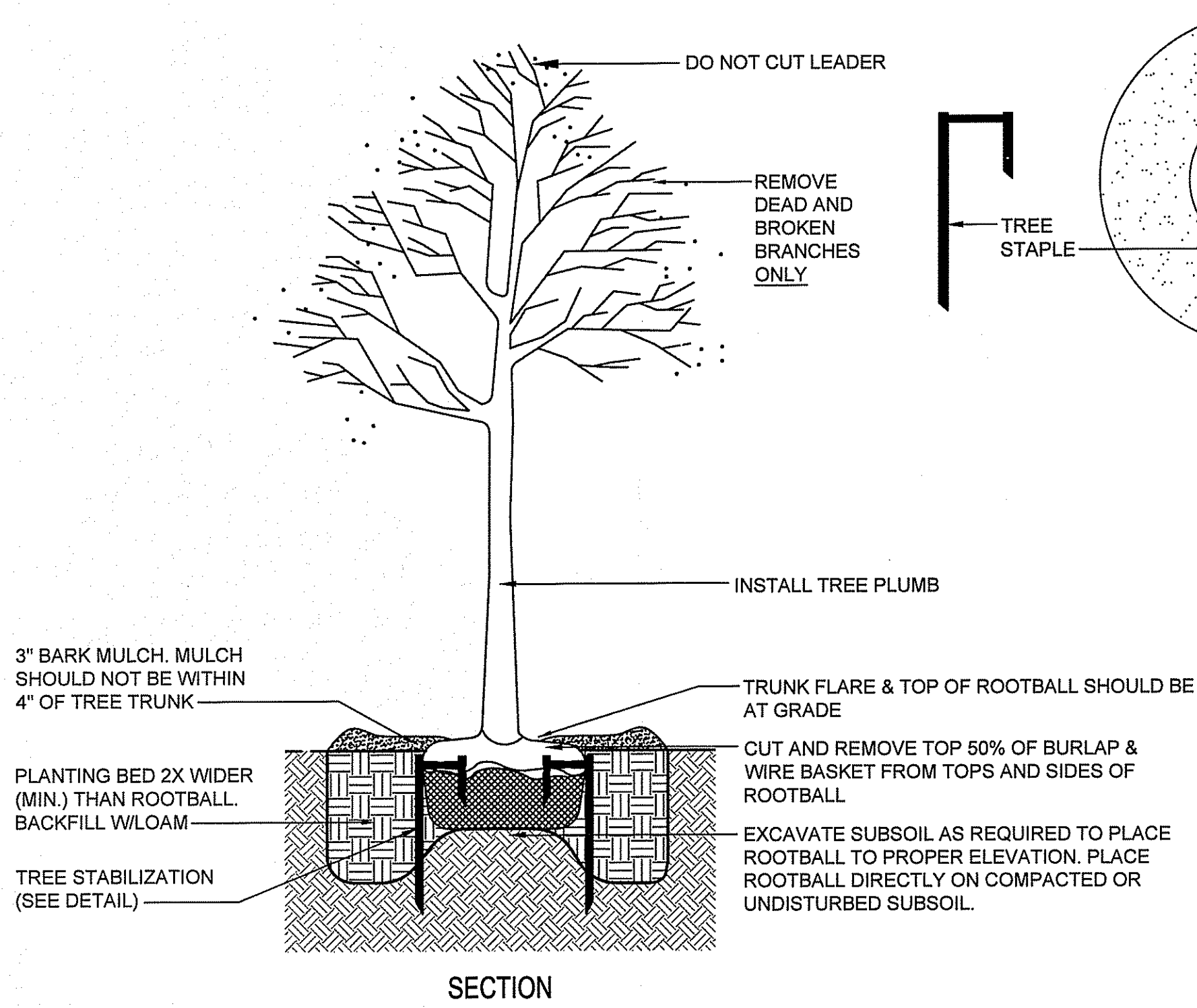
DESIGNED BY: DCSA
DRAWN BY: DCS
CHECKED BY: DCSA
DATE: DEC. 2014
PROJECT NO: 12-68a

PRELIMINARY, NOT FOR CONSTRUCTION

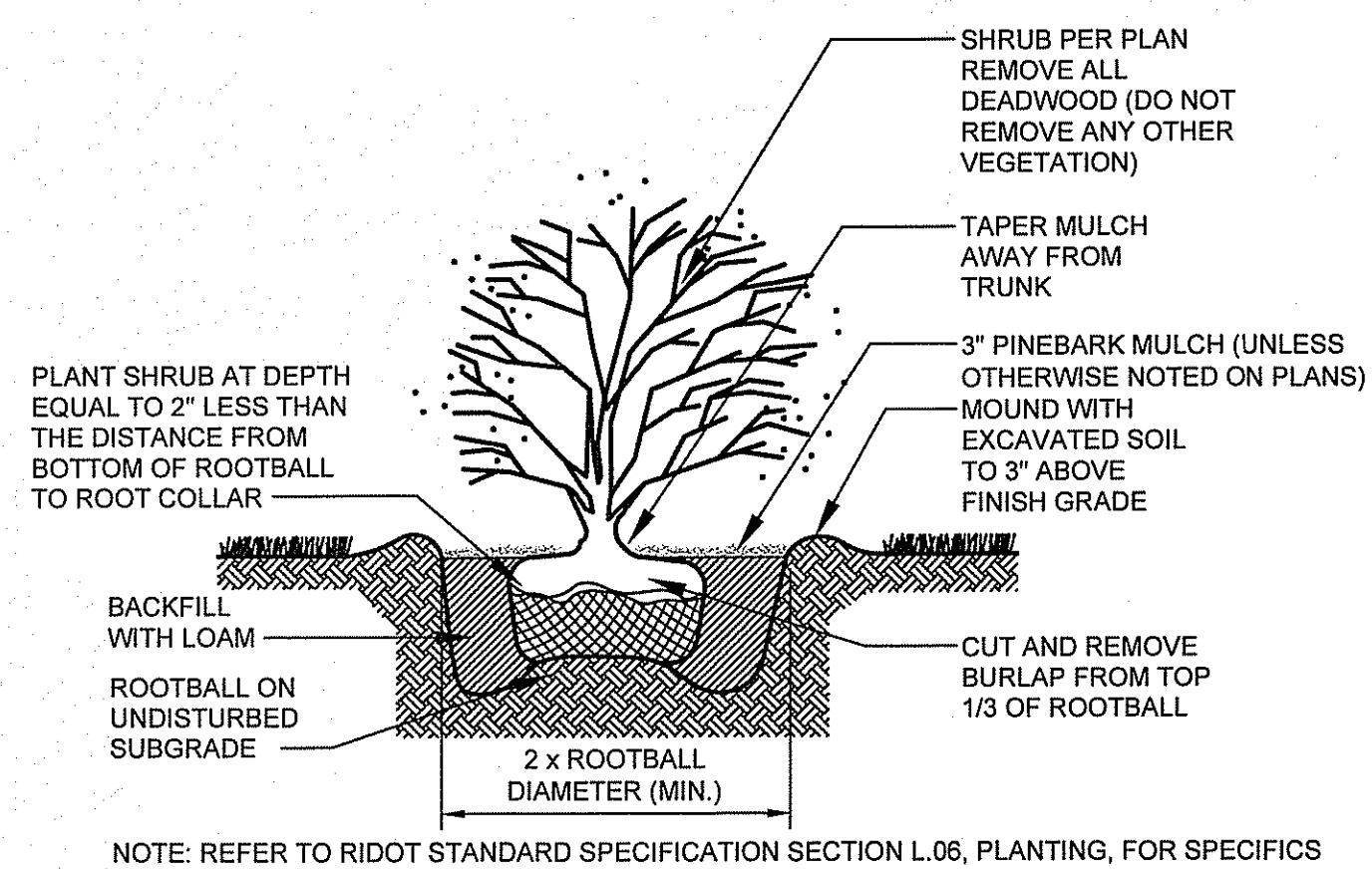
LANDSCAPE PLAN

SHEET L-1

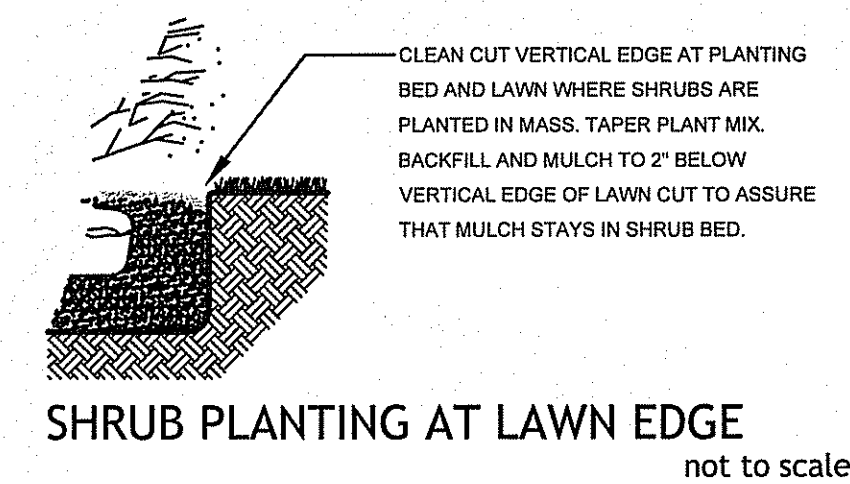
C:\ALL MASTER FILES\DRAWINGS\DCSA\Philip\ST. PHILIP LANDSCAPE 2.dwg, May, 01, 2015, 9:46am



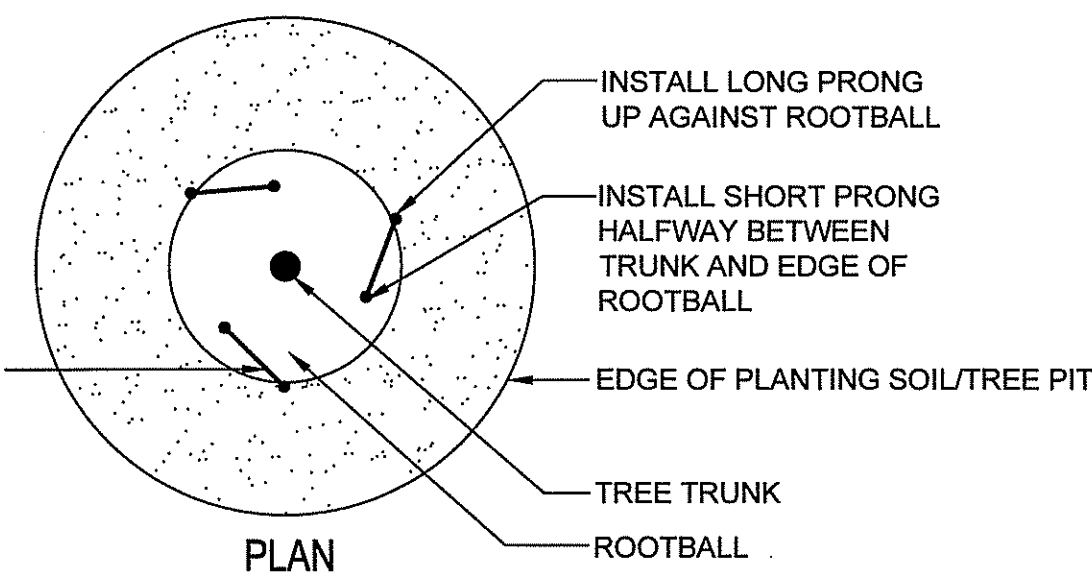
TREE PLANTING DETAIL
no scale



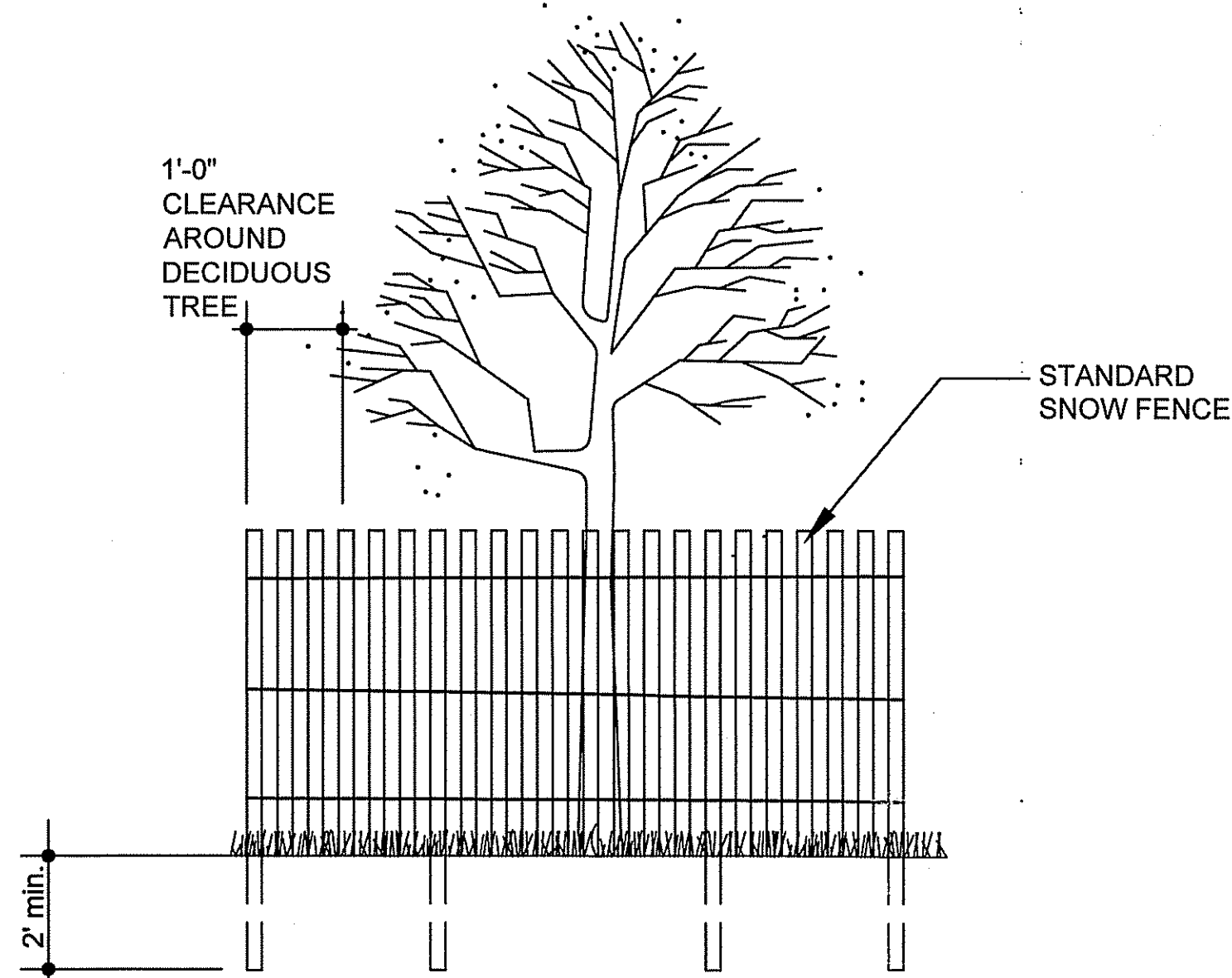
SHRUB PLANTING DETAIL
no scale



SHRUB PLANTING AT LAWN EDGE
not to scale

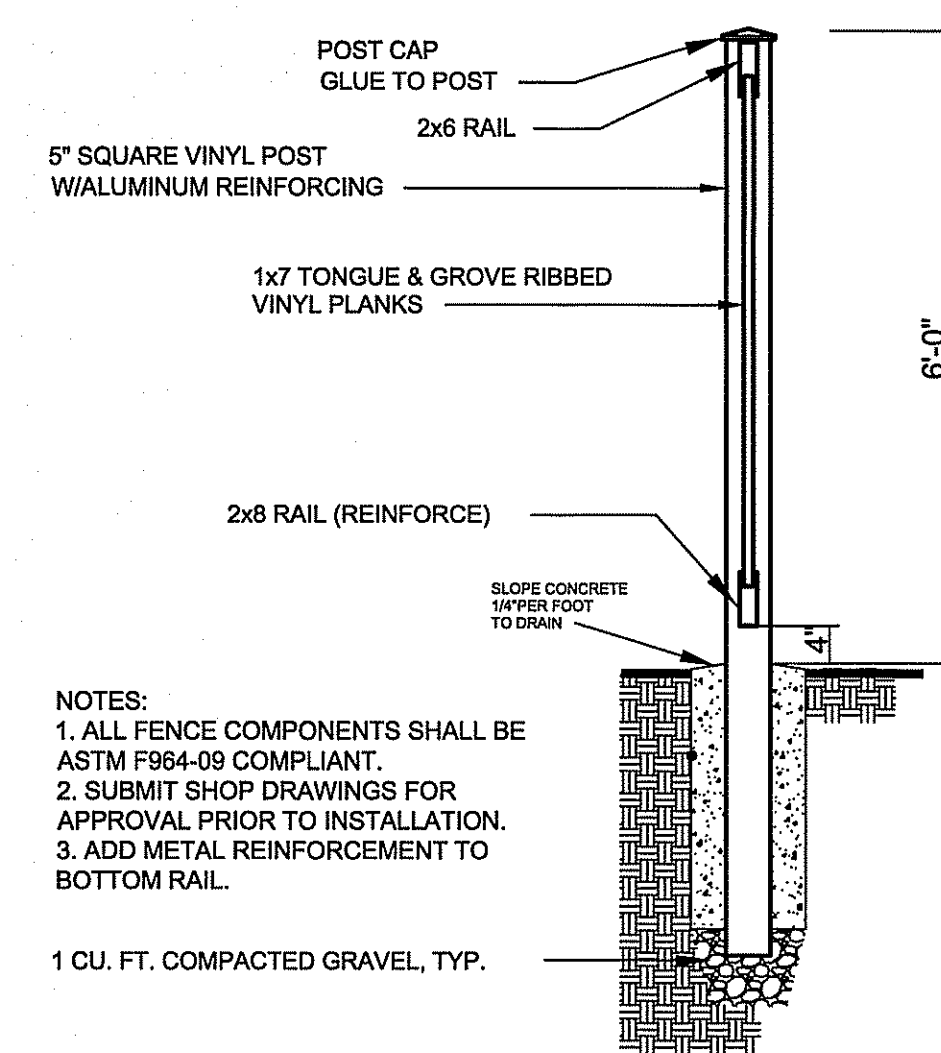


NOTE:
CONTRACTOR SHALL USE CAUTION WITH TREE STAPLES SO NOT TO BE DRIVEN INTO SUBGRADE PIPES AND UTILITIES



NOTE: SHALL BE IN ACCORDANCE WITH SECTION L.1.1 OF THE R.I. STD. SPECS.

TREE PROTECTION DETAIL
no scale



NOTES:
1. ALL FENCE COMPONENTS SHALL BE ASTM F884-09 COMPLIANT.
2. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION.
3. ADD METAL REINFORCEMENT TO BOTTOM RAIL.

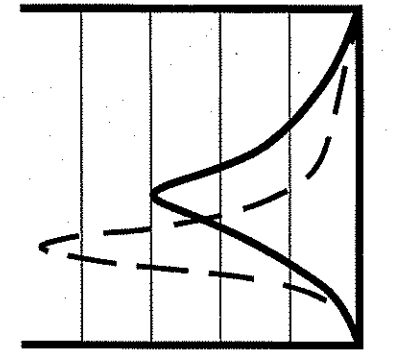
VINYL PRIVACY FENCE
no scale

LANDSCAPE NOTES:

1. GUARANTEE THAT, UPON COMPLETION AND FINAL ACCEPTANCE, LANDSCAPE PLANTINGS CONFORM TO REQUIREMENTS OF CONTRACT DOCUMENTS. PROVIDE A WARRANTY FOR TREE PLANTINGS FOR A MINIMUM OF TWO (2) YEARS, INCLUDING TWO (2) CONTINUOUS GROWING SEASONS. COMMENCE WARRANTY ON DATE IDENTIFIED IN THE 'CERTIFICATE OF FINAL COMPLETION'.
2. REPLACEMENTS: PLANTS OF SAME SIZE AND SPECIES AS SPECIFIED, PLANTED IN THE NEXT GROWING SEASON, WITH NEW WARRANTY AND EXTENDED MAINTENANCE SERVICE COMMENCING ON THE DATE OF REPLACEMENT.
3. PLANT MATERIALS SHALL BE OF SIZE AND CALIPER REQUIRED AND CONFORM TO THE REQUIREMENTS DESCRIBED IN THE LATEST EDITION OF AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
4. PLANTS OF OTHER KINDS THAN THOSE NAMED IN THE PLANT SCHEDULE SHALL NOT BE ACCEPTED WITHOUT APPROVAL. REPLACEMENT PLANTS LARGER IN SIZE THAN EXISTING MAY BE USED IF APPROVED BY THE A/E, PROVIDED USE OF LARGER PLANTS DOES NOT INCREASE CONTRACT PRICE.
5. A PROFESSIONAL HORTICULTURIST/NURSERYMAN SHALL BE CONSULTED TO DETERMINE THE PROPER TIME TO MOVE AND INSTALL PLANT MATERIAL SO THAT STRESS TO THE PLANT IS MINIMIZED. PLANTING OF DECIDUOUS MATERIAL MAY BE CONTINUED DURING WINTER MONTHS PROVIDED THERE IS NO FROST IN THE GROUND AND FROST-FREE TOPSOIL PLANTING MIXTURES ARE USED.
6. UNLESS OTHERWISE APPROVED BY THE A/E, ALL PLANTS SHALL BE NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES AND SHALL HAVE BEEN GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR AT LEAST TWO (2) YEARS.
7. SET PLANTS PLUMB AND AT SUCH A LEVEL THAT AFTER SETTLEMENT THEY BEAR THE SAME RELATION TO THE SURROUNDING GROUND AS THEY BORE TO THE GROUND FROM WHICH THEY WERE DUG. SETTLE BACKFILL MATERIAL FOR PLANTS, THOROUGHLY & PROPERLY, BY FIRING OR TAMPING. ACCOMPANY BACKFILLING WITH THOROUGH WATERING UNLESS OTHERWISE APPROVED. FORM SAUCER CAPABLE OF HOLDING WATER AROUND INDIVIDUAL PLANTS.
8. FERTILIZE SHRUB BEDS WITH 10-6-4 FERTILIZER AT THE RATE OF 3 POUNDS PER 100 SQUARE FEET OF SURFACE AREA, BROAD CAST. APPLY THE FERTILIZER UNIFORMLY TO THE SURFACE BEDS AND WORK INTO THE UPPER TWO (2) INCHES OF SOIL. FERTILIZE INDIVIDUAL TREES AT THE RATE OF ONE (1) AGRIFORM PELLETT PER INCH OF TREE DIAMETER (FOLLOW MANUFACTURER'S WRITTEN INSTRUCTIONS). APPLY A SECOND APPLICATION OF FERTILIZER TO ALL PLANT ITEMS AT THE SAME SPECIFIED RATES OVER THE MULCH AT THE END OF AN EIGHT WEEK PERIOD.
9. CONTAINER GROWN MATERIALS: REMOVE PLANT FROM CONTAINER AND "BUTTERFLY" ROOT BALL OR OTHERWISE SPREAD OUT ROOTS ON SETTING MOUND. BACKFILL SHALL BE SIFTED THROUGH THEM AND SOLIDLY FIRMED.
10. AFTER PLANTING PRUNE ONLY BROKEN OR DEFORMED BRANCHES AND IN SUCH MANNER AS TO PRESERVE NATURAL CHARACTER OF PLANT.
11. IMMEDIATELY AFTER PLANTING, STAKE TREES OVER FIVE (5) FEET AS INDICATED ON DETAIL DRAWING INDICATED OR APPROVED BY THE OWNERS REPRESENTATIVE. MULCH SHALL BE APPLIED A MINIMUM OF THREE (3) INCHES IN DEPTH IN ALL PLANTING BEDS, AS INDICATED ON THE DRAWINGS.
12. THE PLANTS SHALL BE WATERED IMMEDIATELY FOLLOWING PLANTING, PREFERABLY WHEN TWO THIRDS OF THE BACKFILL HAS BEEN PLACED SO ALL AIR POCKETS ARE REMOVED AND THE PLANT PROPERLY SET. ADDITIONAL WATERING SHALL BE MADE AT LEAST ONCE EVERY THREE (3) WEEKS UNLESS OTHERWISE DIRECTED UNTIL FINAL ACCEPTANCE OF THE PLANT MATERIAL.
13. INSTALL 'JUTE MESH' EROSION CONTROL FABRIC WHERE FINAL GRADES ARE 3:1 (33%) OR GREATER PER MANUFACTURER'S INSTRUCTIONS.
14. UNLESS OTHERWISE SPECIFIED, CONTRACTOR TO LOAM AND SEED ALL DISTURBED AREAS.
SEEDING NOTE: USE UNIVERSITY OF RHODE ISLAND NO. 2 IMPROVED SEED MIX OR EQUAL.
TREE PRUNING NOTE: STREET TREES SHOULD BE PRUNED TO MAINTAIN A MINIMAL BRANCH HEIGHT OF 8' WITHIN TWO (2) YEARS OF INSTALLATION OF THE TREE.
15. **LANDSCAPE ESTABLISHMENT AND MAINTENANCE NOTE:** CONTRACTOR SHALL ENSURE THAT ALL LAWN AREAS AND PLANTINGS ARE FULLY ESTABLISHED AND ACCEPTABLE TO THE OWNER'S REPRESENTATIVE PRIOR TO RELINQUISHING THEIR RESPONSIBILITIES FOR MAINTENANCE OF THESE AREAS.
16. **TREE PROTECTION NOTE:** NO MATERIAL, TEMPORARY SOIL DEPOSIT OR EXCAVATION SHALL OCCUR WITHIN FOUR FEET OF SHRUBS OR WITHIN TWO FEET OF THE DRIP LINE OF ANY SHRUBS OR TREES TO REMAIN. ANY RETAINED EXISTING VEGETATION SHALL BE PROTECTED AS PER DETAIL ON PLAN.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 10 2015 FILE # 15-0081
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

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SAINT PHILIP PARISH
622 PUTNAM PIKE
GREENVILLE, RHODE ISLAND
AP 3 LOT 3

NO.	DATE	DESCRIPTION

DESIGNED BY: DCSA
DRAWN BY: DCS
CHECKED BY: DCSA
DATE: DEC. 2014
PROJECT NO: 12-68a

PRELIMINARY, NOT FOR CONSTRUCTION

LANDSCAPE DETAILS & NOTES

SHEET L-2