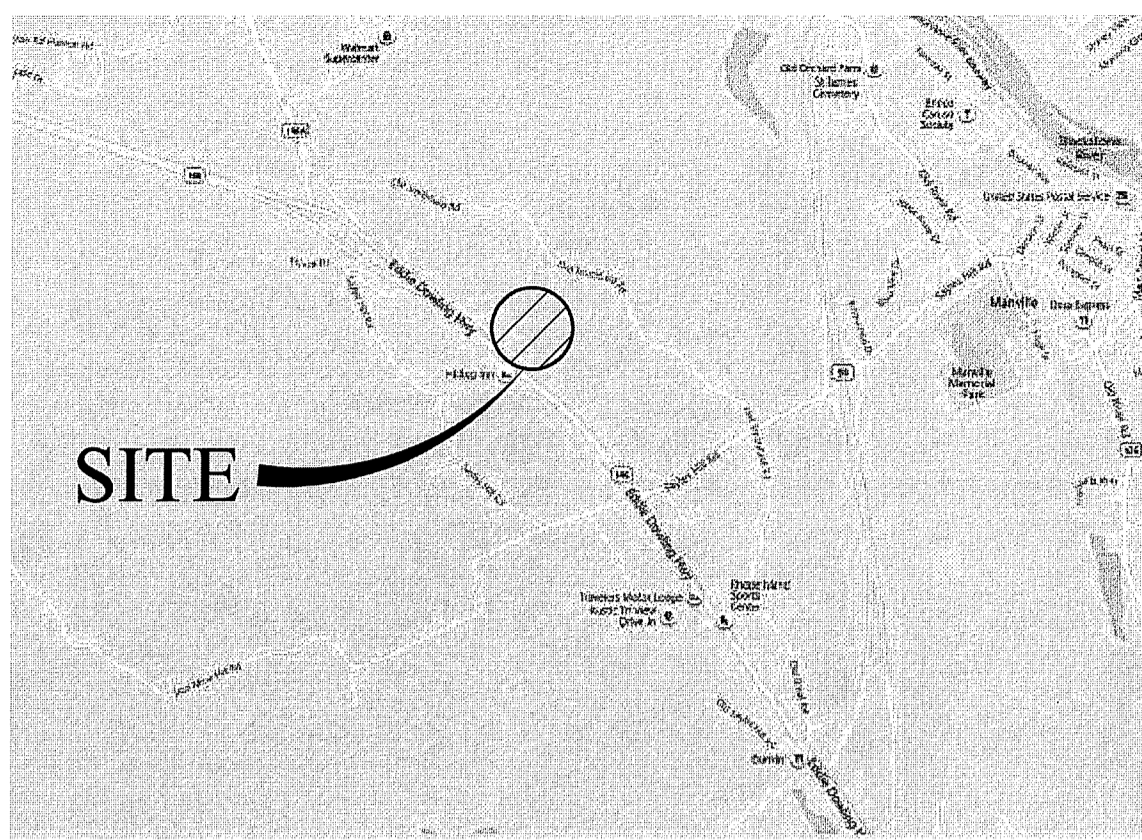
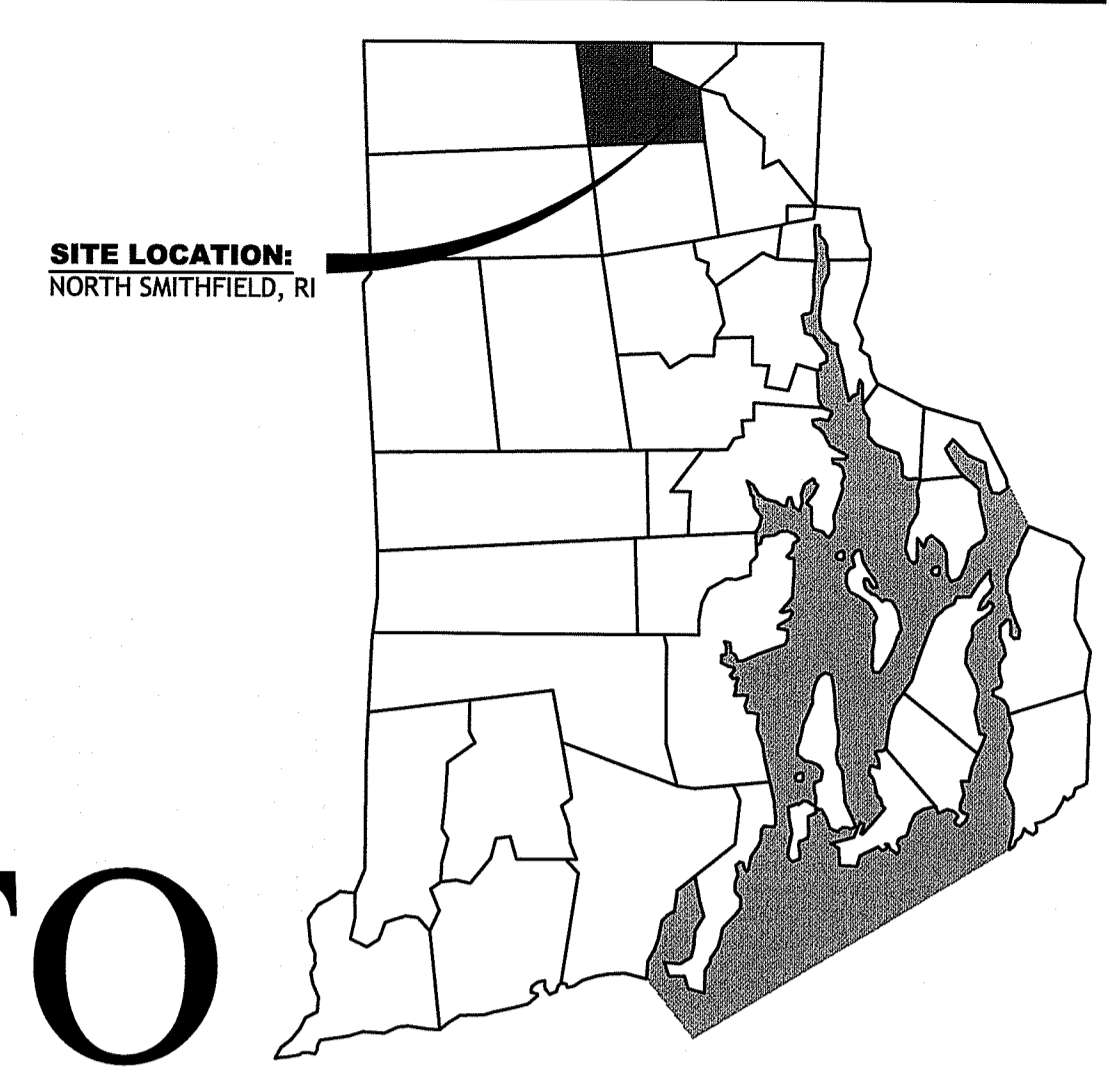


LOCUS MAP (NOT TO SCALE) ↑ N



STATE WIDE MAP



PRELIMINARY PLANS FOR PROPOSED NORTH SMITHFIELD AUTO BODY SITE IMPROVEMENTS

AP 13, LOTS 38, 117 AND AP 17, LOT 71

770 - 784 EDDIE DOWLING HIGHWAY (RI ROUTE 146)

NORTH SMITHFIELD, RHODE ISLAND

ZONING DISTRICT - BH (BUSINESS - HIGHWAY)

PROJECT TEAM

- OWNER:** TW ENTERPRISES LLC
C/O THOMAS WHALEN
770 EDDIE DOWLING HWY
NORTH SMITHFIELD, RI 02896
PHONE: (401) 413-1818
- CIVIL:** D'AMICO ENGINEERING TECHNOLOGY, INC
2080 MINERAL SPRING AVE.
NORTH PROVIDENCE, RI 02911
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FAX: (401) 353-1190
- SURVEYOR:** MARC N. NYBERG ASSOCIATES, INC
501 GREAT ROAD, UNIT 104
NORTH SMITHFIELD, RI 02896
PHONE: (401) 762-2870
FAX: (401) 762-2871
- ENVIRONMENTAL SCIENTISTS:** PARE CORPORATION
8 BLACKSTONE VALLEY PL.
LINCOLN, RI 02865
PHONE: (401) 334-4100
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3288 POST ROAD, SUITE 2C
WARWICK, RI 02886
PHONE: (401) 773-4088
FAX: (866) 203-7686

INDEX OF DRAWINGS

SHEET NO.	PLAN
1	COVER SHEET
2	GENERAL NOTES AND LEGEND
3	EXISTING CONDITIONS AND DEMO PLAN
4	SITE PLAN
5	GRADING, DRAINAGE AND UTILITY PLAN
6	SOIL EROSION AND SEDIMENT CONTROL PLAN AND DETAILS
7	SITE DETAILS 1
8	SITE DETAILS 2
9	LANDSCAPE OVERVIEW & PREPARATION PLAN (LA 1.0)
10	RESTORATION LANDSCAPE PLAN (LA 2.0)

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DAVID M. D'AMICO
No. 6749
REGISTERED PROFESSIONAL ENGINEER
CIVIL
5/14/21

**PROPOSED NORTH SMITHFIELD
AUTO BODY SITE IMPROVEMENTS**
770 - 784 EDDIE DOWLING HIGHWAY (RI ROUTE 146)
NORTH SMITHFIELD, RHODE ISLAND
AP 13, LOTS 38, 117 AND AP 17, LOT 71

REVISIONS:

NO.	DATE	DESCRIPTION
1	5-3-21	TOWN COMMENTS OF 2-7-21
		RIDEM COMMENTS OF 4-15-21
		RIDOT COMMENTS OF 4-14-21

MAY - 5 2021

DESIGNED BY: DMD
DRAWN BY:
CHECKED BY: DMD
DATE: DEC, 2020
PROJECT NO: 15-0001-09

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 02 2021 FILE # 21-0042
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APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Martin D. Senack

PRELIMINARY PLAN, NOT FOR CONSTRUCTION

COVER SHEET

SHEET 1 OF 10

N:\15-0001_Marc N Nyberg\14_North Smithfield Auto Body\Plans\AS AutoBody Permit SITE PLAN SET 5-3-21 REV 1.dwg May, 04, 2021 4:52pm

GENERAL NOTES:

- 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.

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.
- 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.
- REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR ACTUAL SIZE OF THE PROPOSED BUILDING.
- WHERE NECESSARY TO REMOVE CURBS, CATCH BASINS OR DRAINS TO COMPLETE WORK, THE CONTRACTOR SHALL REPLACE SUCH ITEMS TO THE SATISFACTION OF THE ENGINEER 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 OR ENGINEER.
- 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.
- ALL CONSTRUCTION WORK SHALL BE PERFORMED IN THE DRY. THE CONTRACTOR SHALL PROVIDE, 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.
- REFER TO PLUMBING PLANS FOR CONTINUATION OF ALL UTILITIES WITHIN 5' (FIVE) FEET OF THE BUILDING.
- ALL SITE WORK, INCLUDING BUT NOT LIMITED TO, BITUMINOUS PAVEMENT, AGGREGATE MATERIALS, DRAINAGE STRUCTURES, LANDSCAPING, SAW CUTTING, ETC. SHALL CONFORM TO THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, 2013 EDITION (WITH LATEST ADDENDA) AND THE RIDOT STANDARD DETAILS, 1998 EDITION (WITH LATEST ADDENDA).

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 ENGINEER PRIOR TO CONSTRUCTION. NO EXTRA PAYMENT TO THE CONTRACTOR DUE TO RELOCATION'S WILL BE AUTHORIZED.
- THE UTILITY PLAN DOES NOT DEPICT THE NECESSARY ELECTRICAL CONDUIT/WIRING TO SERVICE THE PROPOSED LIGHTING AND SIGNS, WHICH WILL BE PERFORMED BY THE CONTRACTOR FOR NO ADDITIONAL COST.
- OVERHEAD ELECTRIC AND TELEPHONE SERVICES ARE TO BE REMOVED BY THE APPROPRIATE UTILITY COMPANY AND COORDINATED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL AT ALL TIMES PROVIDE A SUFFICIENT NUMBER OF WORKMEN AND GUARDS AS MAY BE NECESSARY TO PROPERLY SAFEGUARD THE PUBLIC FROM THERE 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 TOWN.
- EXISTING UTILITY FRAMES AND COVERS FOR SANITARY SEWER, WATER, GAS, STORM DRAINAGE AND OTHER UTILITIES SHALL BE ADJUSTED TO GRADE AS REQUIRED IN NEW PAVING AND PAVEMENT OVERLAY AREAS.

DRAINAGE SYSTEM NOTES:

- ALL RIM ELEVATIONS SHOWN ARE APPROXIMATE AND ARE TO BE SET FLUSH WITH FINAL GRADES
- THE DESIGN ENGINEER MUST SUBMIT AN AS BUILT PLAN AND A CERTIFICATION TO THE TOWN ENGINEER THAT THE CONSTRUCTION IS IN COMPLIANCE WITH THE DESIGN PLANS FOR ALL ELEMENTS OF THE STORM OR DRAINAGE SYSTEM PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.

PROPOSED PAVEMENT STRUCTURE:

- ON-SITE (PAVEMENT TYPE A)**
- 1.5" BITUMINOUS CONCRETE SURFACE COURSE CLASS I-1 (CLASS 12.5 HMA)
 - 2" BITUMINOUS CONCRETE BASE COURSE (CLASS 19 HMA)
 - 12" GRAVEL BORROW SUBBASE

ASPHALT EMULSION TACK COAT TO BE PLACED PRIOR TO SURFACE COURSE PAVING IF BINDER COURSE IS OPENED TO VEHICULAR USE, OR IF BINDER COURSE IS GREATER THAN 30 DAYS OLD.

PROPOSED PAVEMENT STRUCTURE:

- RIDOT (PAVEMENT TYPE B)**
- 2" BITUMINOUS CONCRETE SURFACE COURSE CLASS TYPE I-1 (CLASS 12.5 HMA)
 - 8" BITUMINOUS CONCRETE BASE COURSE (CLASS 19 HMA)
 - 12" GRAVEL BORROW SUBBASE COURSE

ASPHALT EMULSION TACK COAT TO BE PLACED ON ALL BITUMINOUS COURSES PRIOR TO PAVING.

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 ENGINEERS ATTENTION PRIOR TO CONSTRUCTION FOR REVIEW. NO WORK SHALL PROCEED UNTIL AUTHORIZED BY THE ENGINEER.

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 (M.U.T.C.D.)
- TEMPORARY CONSTRUCTION SIGNS AND ALL APPLICABLE TRAFFIC CONTROL DIVIDES 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 OR TOWN 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, 2009 EDITION. INCLUDING ALL REVISION AND SUBSEQUENT ADDENDA.
- SIGN MOUNTINGS SHALL BE IN ACCORDANCE WITH THE R.I.D.O.T. SPECIFICATIONS FOR TEMPORARY CONSTRUCTION SIGNS.

DRAINAGE AND SUBSURFACE DRAINAGE SYSTEM MAINTENANCE SCHEDULE:

UPON PROJECT COMPLETION, THE PROPERTY OWNER SHALL ADHERE TO THE FOLLOWING MAINTENANCE PLAN AND SCHEDULE:

- CATCH BASINS, MANHOLES AND DRAIN LINES: AN INSPECTION MUST OCCUR ON AN ANNUAL BASIS BY QUALIFIED PERSONNEL TO ENSURE PROPER OPERATION. ANY DEFICIENCY NOTED DURING THE INSPECTION WILL BE IMMEDIATELY REPAIRED OR REPLACED. THE INSPECTION SHOULD, AS A MINIMUM, CONCENTRATE ON THE FOLLOWING:
 - * DAMAGE TO GRATE/ COVERS
 - * EVIDENCE OF STANDING WATER
 - * DEBRIS REMOVAL
 - * STRUCTURAL ALIGNMENT/ INTEGRITY
 - * OIL/WATER SEPARATORS
- IF SEDIMENT OR ORGANIC DEBRIS BUILD-UP HAS LIMITED THE INFILTRATION CAPABILITIES OF THE UNDERGROUND INFILTRATION CHAMBERS OR TRENCHES TO BELOW THE DESIGN RATE THE SYSTEM MUST BE REMOVED AND RE-CONSTRUCTED. THE SYSTEMS BOTTOM SHOULD BE RESTORED ACCORDING TO ORIGINAL DESIGN SPECIFICATIONS.
- SEDIMENT REMOVAL: ALL REMOVED SEDIMENT IS TO BE TESTED TO DETERMINE POLLUTANT CONTENT. THE SEDIMENT IS TO BE PROPERLY DISPOSED IN UPLAND AREAS BASED UPON THE TEST RESULTS AND LOCAL, STATE, AND FEDERAL REGULATIONS.
- THE PROPERTY OWNER IS RESPONSIBLE FOR ANY SOIL AND GROUNDWATER CONTAMINATION RESULTING FROM THE USE OF THE STORMWATER RUNOFF SUBSURFACE DRAINAGE SYSTEM.
- THE EXISTENCE OF THE SUBSURFACE DRAINAGE SYSTEM SHOULD BE RECORDED ON THE PROPERTY DEED AT THE LOCAL MUNICIPAL OFFICE. ALL OPERATIONAL AND MAINTENANCE REQUIREMENTS, INCLUDING LEGAL RESPONSIBILITIES, WHERE APPLICABLE, SHOULD ALSO BE RECORDED ON THE TITLE.
- UNDERGROUND INFILTRATION CHAMBERS AND TRENCHES SHALL BE INSPECTED ANNUALLY AND AFTER STORMS EQUAL TO OR GREATER THAN THE 1-YEAR, 24 HOUR TYPE III STORM EVENT (APPROXIMATELY 2.7").
- THE SUBSURFACE DRAINAGE SYSTEM SHOULD BE INSPECTED OFTEN DURING THE FIRST MONTHS OF OPERATION AND CLEANED AT LEAST YEARLY THEREAFTER WITH ALL OIL AND DEBRIS REMOVED AND DISPOSED OF PROPERLY IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS. CLEANING OF THE CULTEC SYSTEM WILL BE CONDUCTED BY VACUUM TRUCK DESIGN SPECIFICALLY TO REMOVE STORMWATER RUNOFF SEDIMENT. IN THE CASE OF AN OIL OR BULK POLLUTANT RELEASE, THE SYSTEM SHOULD BE CLEANED IMMEDIATELY FOLLOWING THE SPILL AND THE RIDEM DIVISION OF SITE REMEDIATION SHOULD BE NOTIFIED. FOR THE PURPOSE OF OIL REMOVAL A LICENSED CONTRACTOR MAY BE NECESSARY FOR THE REMOVAL, TRANSPORT, AND DISPOSAL OF WASTE OIL PRODUCTS TO A PROPERLY LICENSED FACILITY.

RIDOT

- ALL WORK WITHIN THE STATE RIGHT-OF-WAY, INCLUDING BUT NOT LIMITED TO, BITUMINOUS PAVEMENT, ROADWAY CONSTRUCTION, AGGREGATE MATERIALS, DRAINAGE STRUCTURES, CURBING, SIDEWALK, LANDSCAPING, SAW CUTTING, ETC. SHALL CONFORM TO THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, AMENDED AUGUST 2013 (WITH LATEST ADDENDA) AND THE RIDOT STANDARD DETAILS, 1998 EDITION (WITH LATEST ADDENDA).
- PAVEMENT CUT AND MATCH LONGITUDINAL TERMINUS MUST BE LOCATED AT SHOULDER OR TRAVEL LANE EDGE LINES AND SHOULD NOT TERMINATE WITHIN A TRAVEL LANE.
- A SEPARATE RIDOT UTILITY PERMIT APPLICATION AND APPROVAL IS REQUIRED FOR ANY UTILITY WORK (INCLUDING SEWER, WATER, GAS, ELECTRIC, ETC.) WITHIN THE STATE RIGHT-OF-WAY TO BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

REQUIRED INFILTRATION SETBACKS

- THE PROPOSED INFILTRATION SYSTEMS MEETS THE 3' MINIMUM SEPARATION DISTANCE BETWEEN THE DESIGN BOTTOM OF THE STRUCTURE AND THE SEASONAL HIGH WATER TABLE.
- THE PROPOSED INFILTRATION SYSTEM MEETS THE 5' MINIMUM SEPARATION DISTANCE BETWEEN THE DESIGN BOTTOM OF THE STRUCTURE AND BEDROCK.
- THE PROPOSED INFILTRATION SYSTEM IS NOT WITHIN 25 FEET OF ANY SEPTIC SYSTEM COMPONENT.
- THE PROPOSED INFILTRATION SYSTEM IS NOT WITHIN 200 FEET OF ANY SURFACE DRINKING WATER SUPPLIES AND THIER RESPECTIVE TRIBUTARIES.
- THE PROPOSED INFILTRATION SYSTEM IS NOT WITHIN 150 FEET OF ANY COASTAL FEATURE.
- THE PROPOSED INFILTRATION SYSTEM IS NOT WITHIN 50 FEET OF ANY SURFACE WETLAND OR COASTAL WETLAND.
- THE PROPOSED INFILTRATION SYSTEM IS NOT WITHIN 10 FEET OF ANY BUILDING FOUNDATION AND THE PROPOSED FOUNDATION FLOOR ELEVATION IS ABOVE THE INVERT OF THE PROPOSED INFILTRATION SYSTEM.

NOTE:

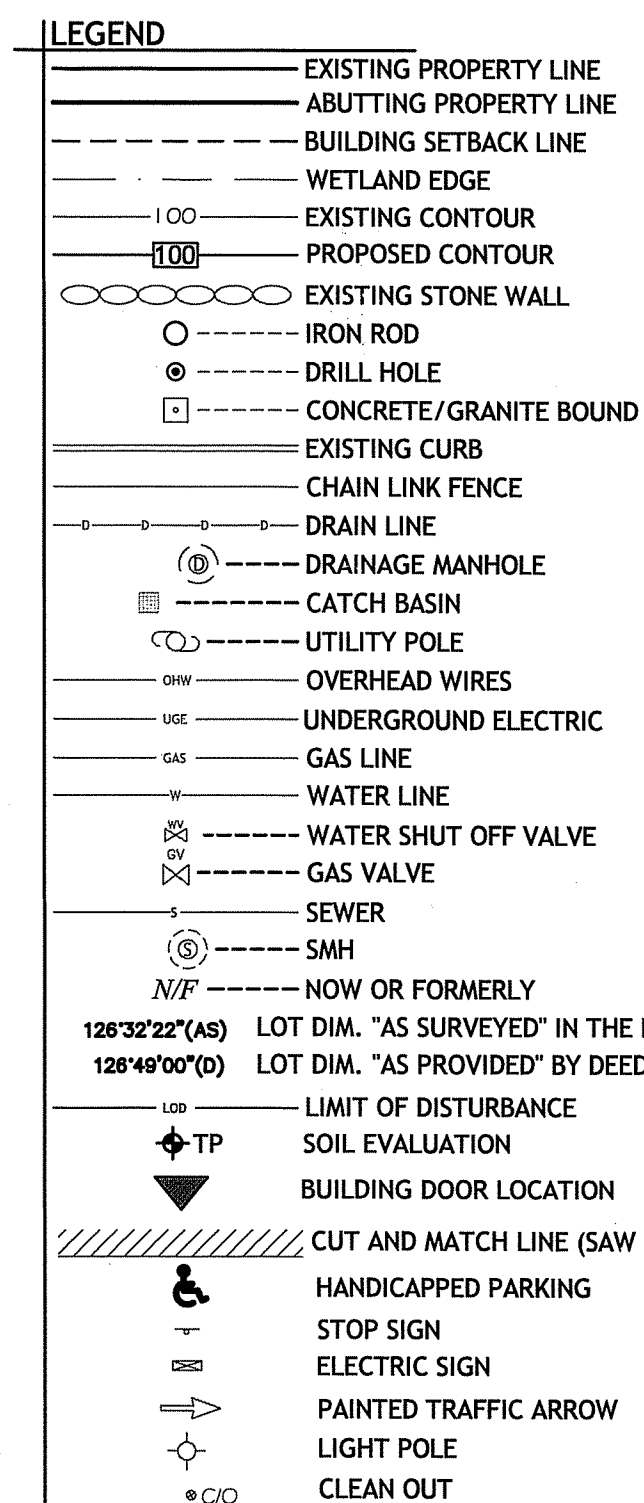
IF ANY SETBACK IS LESS THAN THE REQUIRED SETBACK AS DETERMINED BY THE GOVERNING AGENCY, THE GOVERNING AGENCY SHALL SUPERSEDE ABOVE BULLETED SETBACK(S). REFER TO THE LOCAL BUILDING OFFICIAL FOR DETAILED SETBACK CRITERIA.

SOIL EROSION AND SEDIMENTATION CONTROL NOTES

- THE HAYBALE AND 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 AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THESE LIMITS, AS DEPICTED ON THE PLAN SHALL BE TOTALLY UNDISTURBED, TO REMAIN IN NATURAL CONDITION.
- ALL CATCH BASINS AND CULVERTS SHALL BE PROTECTED WITH STAKED HAYBALES (R.I. STD. 9.8.0) DURING CONSTRUCTION ACTIVITIES. ALL PROPOSED STORM WATER DISCHARGE AREAS SHALL BE LINED WITH A RIPRAP SPLASH PAD AND PROTECTED WITH STAKED HAYBALE OUTLET PROTECTION (R.I. STD. 9.1.0), OR STAKED HAYBALE WITH SILT FENCE (R.I. STD. 9.3.0) SHALL ALSO BE INSTALLED AT ALL EXISTING STORMWATER DISCHARGE LOCATIONS WHERE DISTRIBUTING PIPES, CATCH BASINS, AND MANHOLES ARE TO BE CLEANED AND FLUSHED.
- 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, 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 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.

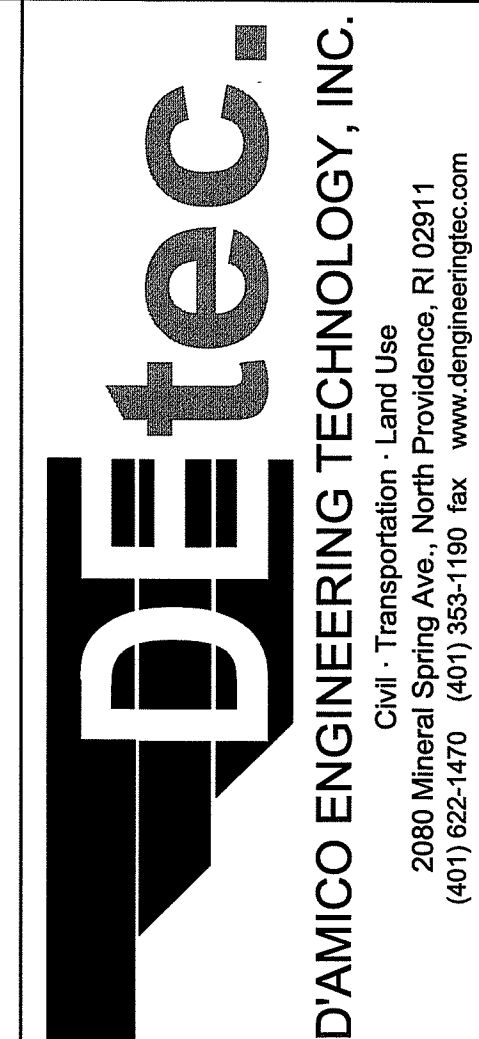
BMP MAINTENANCE SCHEDULE

- ALL MAINTENANCE (INCLUDING CLEANING) REQUIRED DURING THE CONSTRUCTION PHASE OF THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONSTRUCTION EQUIPMENT AND TRAFFIC SHALL BE RESTRICTED FROM TRAVELING OVER THE INFILTRATION TRENCH AND/OR SUBSURFACE CHAMBER AREAS TO MINIMIZE COMPACTION OF THE SOIL.
- MEASURES NEEDED TO ENSURE THE PROPER OPERATION OF THE STORMWATER DRAINAGE SYSTEMS AND WATER QUALITY CONTROL SYSTEMS TO INCLUDE INSPECTION, CLEANING AND REPAIRS TO ALL PIPES, INTAKE AND DISCHARGE STRUCTURES (INCLUDING RIP-RAP SPLASH PADS), CATCH BASIN SUMPS, AND MANHOLES.
- INSPECTION OF ALL SLOPES, BERMS, AND OTHER CONTROL STRUCTURES (INCLUDING ROADWAY SIDE SLOPES, FOR STRUCTURAL INTEGRITY, STABILITY AND EVIDENCE OF SOIL EROSION, SHALL INCLUDE MAINTENANCE OF THESE STRUCTURES IF NECESSARY. INSPECTIONS SHALL BE PERFORMED FOLLOWING ALL RAIN EVENTS OF 1/2 INCH RAINFALL OR MORE IN A 24-HOUR PERIOD, OR BIMONTHLY IF NO RAINFALL EVENT OCCURS.
- UPON COMPLETION OF PROJECT CONSTRUCTION, AND PRIOR TO VACATING THE SITE, THE CONTRACTOR SHALL CONDUCT A FINAL INSPECTION, REPAIR ANY VEGETATIVE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES, (SEEDING, PLANTING, ETC.) WHERE REQUIRED, AND REPAIR (OR REMOVE WHERE APPROPRIATE) ANY TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL DEVICES. AFTER PERMANENT SOIL STABILIZATION ON THE ENTIRE SITE HAS OCCURRED, ALL TEMPORARY CONTROL MEASURES MUST BE REMOVED.
- AFTER THE COMPLETION OF PROJECT CONSTRUCTION AND THE FINAL STABILIZATION OF THE ENTIRE SITE, THE INSPECTION AND MAINTENANCE OF ALL STORMWATER FACILITIES MUST BE PERFORMED.
- REPLANTING, REGRADING, OR OTHER REPAIRS NEEDED AS A RESULT OF SOIL EROSION AND SEDIMENTATION PROCESSES SHALL BE DONE PROMPTLY TO ENSURE PROPER FUNCTIONING OF THE ENTIRE SYSTEM.
- ANY TRASH, DEBRIS, ETC. SHOULD BE REMOVED FROM ANY WETLAND AREAS, SWALE, AND PIPE OUTLETS.

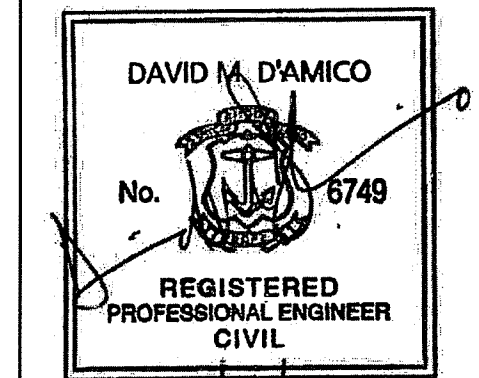


DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
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DATED 05/02/2021 FILE # 21-0042
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APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Environmental Management
MAY 05 2021
Office of Water Resources



D'AMICO ENGINEERING TECHNOLOGY, INC.
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2080 Mineral Spring Ave., North Providence, RI 02911
(401) 822-1470 (401) 353-1190 fax www.damicoeng.com



**PROPOSED NORTH SMITHFIELD
AUTO BODY SITE IMPROVEMENTS**
770 - 784 EDDIE DOWLING HIGHWAY (RI ROUTE 146)
NORTH SMITHFIELD, RHODE ISLAND
AP 13, LOTS 38, 117 AND AP 17, LOT 71

REVISIONS:

NO.	DATE	DESCRIPTION
1	5-3-21	TOWN COMMENTS OF 2-7-21
		RIDEM COMMENTS OF 4-15-21
		RIDOT COMMENTS OF 4-14-21

DESIGNED BY: DMD
DRAWN BY:
CHECKED BY: DMD
DATE: DEC. 2020
PROJECT NO: 15-0001-09

PRELIMINARY PLAN, NOT FOR CONSTRUCTION

GENERAL NOTES AND LEGEND

SHEET 2 OF 10

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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Martin D. Wemak

DETEC
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DAVID M. D'AMICO
No. 6749
REGISTERED PROFESSIONAL ENGINEER
CIVIL
5/14/21

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AP 13, LOTS 38, 117 AND AP 17, LOT 71

MARC N. NYBERG
ASSOCIATES, INC.
LAND SURVEYORS and PLANNERS
501 GREAT ROAD, UNIT 104, NORTH SMITHFIELD, RI 02886
TEL (401) 782-2870 ~ FAX (401) 782-2871

THIS SURVEY AND PLAN CONFORM TO A CLASS I STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.

MARC N. NYBERG PROFESSIONAL LAND SURVEYOR

THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO THE FINDINGS SUCH A REPORT MIGHT DISCLOSE.

Environmental Management
MAY 05 2021
Office of Water Resources

REVISIONS:

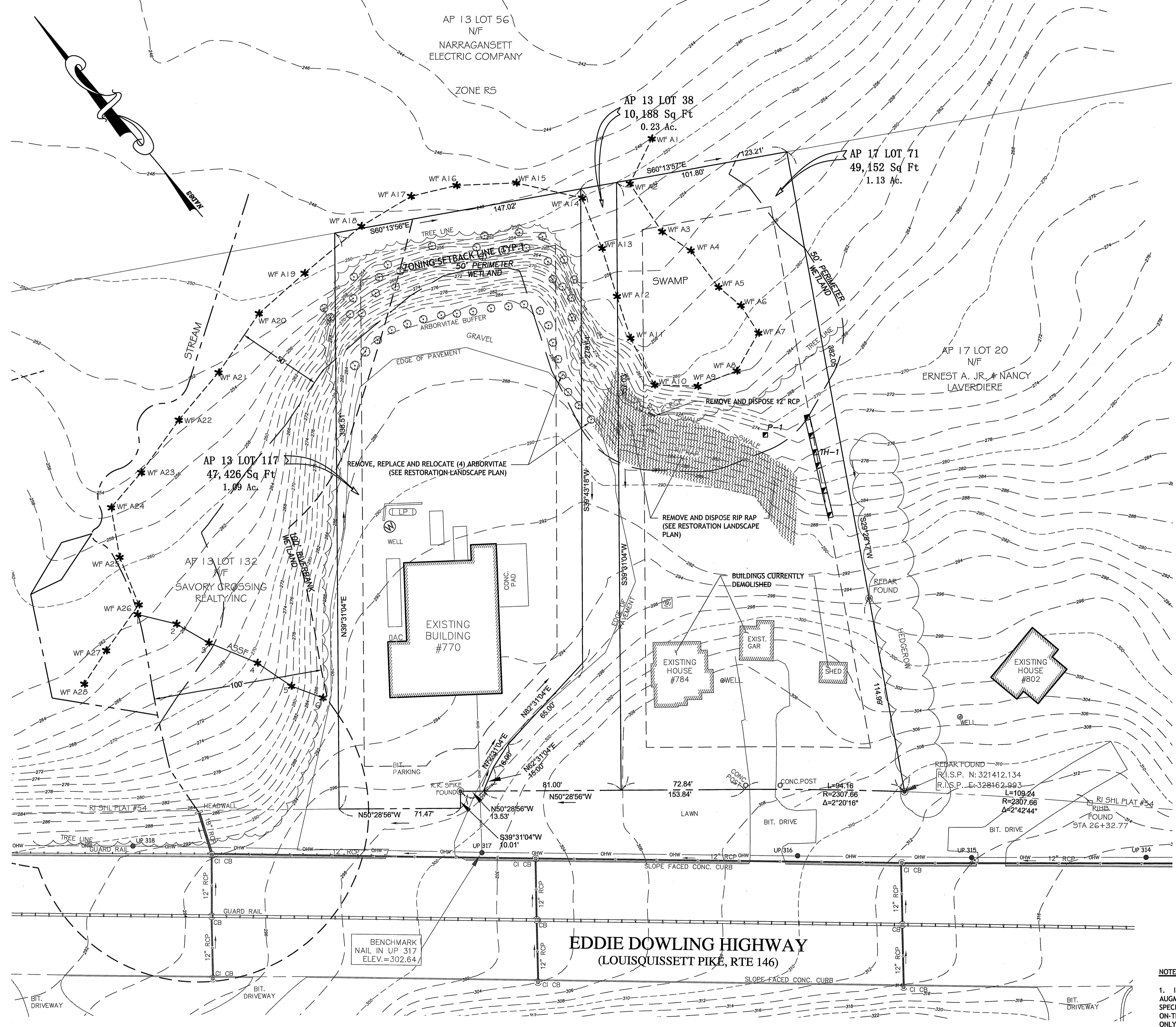
NO.	DATE	DESCRIPTION
1	5-3-21	TOWN COMMENTS OF 2-7-21
		RIDEM COMMENTS OF 4-15-21
		RIDOT COMMENTS OF 4-14-21

DESIGNED BY: DMD
DRAWN BY:
CHECKED BY: DMD
DATE: DEC. 2020
PROJECT NO: 15-0001-09

PRELIMINARY PLAN, NOT FOR CONSTRUCTION

EXISTING CONDITIONS AND DEMO PLAN

SHEET 3 OF 10



ZONING CRITERIA	REQUIRED	EXIST. LOT 38	EXIST. LOT 71	EXIST. LOT 117
ZONING DISTRICT	BH	BH	BH	BH
MINIMUM LOT AREA	NONE	10,188 SF	49,152 SF	47,426 SF
MINIMUM DISTANCE TO RESIDENTIAL	25'	NA	69.7'	65.1'
MINIMUM FRONT YARD SETBACK	25'	NA	48.5'	22.7'
MINIMUM SIDE YARD SETBACK	15'	NA	18.1'	316.6'
MINIMUM REAR YARD SETBACK	30'	NA	< 35'	< 35'
MAXIMUM BUILDING HEIGHT	35'	NA	3.7%	10.2%
MAXIMUM BUILDING COVERAGE	25%	NA		

N:\15-0001-Marc N Nyberg\14 North Smithfield Auto Body\Plans\Auto Body\Site Plan SET 5-3-21 REV 1.dwg May, 04, 2021 4:54pm

N:\15-0001 Marc N Nyberg\14 North Smithfield Auto Body\Plans\NS AutoBody Permit SITE PLAN SET 5-3-21 REV 1.dwg May, 04, 2021 4:54pm

AP 13 LOT 56
N/F
NARRAGANSETT
ELECTRIC COMPANY

ZONE R5



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

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

PROPOSED PARKING CALCULATION(S):

SECTION 6 - SUPPLEMENTARY DISTRICT REGULATIONS
SECTION 6.15: OFF-STREET PARKING REQUIREMENTS, 6.15.1 RETAIL AND SERVICE BUSINESS LESS THAN 20,000 SQUARE FEET: TWO (2) PARKING SPACES PER ONE THOUSAND (1,000) SQUARE FEET OF USE FLOOR AREA
REQUIRED PARKING = 14,300 / 1,000 x 2 = 28.6 PARKING SPACES
REQUIRED VEHICLE: 28 SPACES
PROVIDED VEHICLE: 10 SPACES FRONT PARKING AREA
9 SPACES SIDE/REAR OF BUILDING
12 DESIGNATED BAYS IN BUILDING
2 ASSESSMENT BAYS
33 TOTAL
ADA ACCESSIBLE SPACE(S) REQUIRED: 1
ADA ACCESSIBLE SPACE(S) PROVIDED: 1

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 02 2021 FILE # 21-0042
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AS CONSTRUCTION SITE

Matthew D. Weneck

Detec.
DAMICO ENGINEERING TECHNOLOGY, INC.
Civil - Transportation - Land Use
2080 Mineral Spring Ave., North Providence, RI 02811
(401) 822-1470 (401) 353-1190 fax www.damicoengineering.com

DAVID M. DAMICO
No. 6749
REGISTERED PROFESSIONAL ENGINEER CIVIL
5/14/21

**PROPOSED NORTH SMITHFIELD
AUTO BODY SITE IMPROVEMENTS**
770 - 784 EDDIE DOWLING HIGHWAY (RI ROUTE 146)
NORTH SMITHFIELD, RHODE ISLAND
AP 13, LOTS 38, 117 AND AP 17, LOT 71

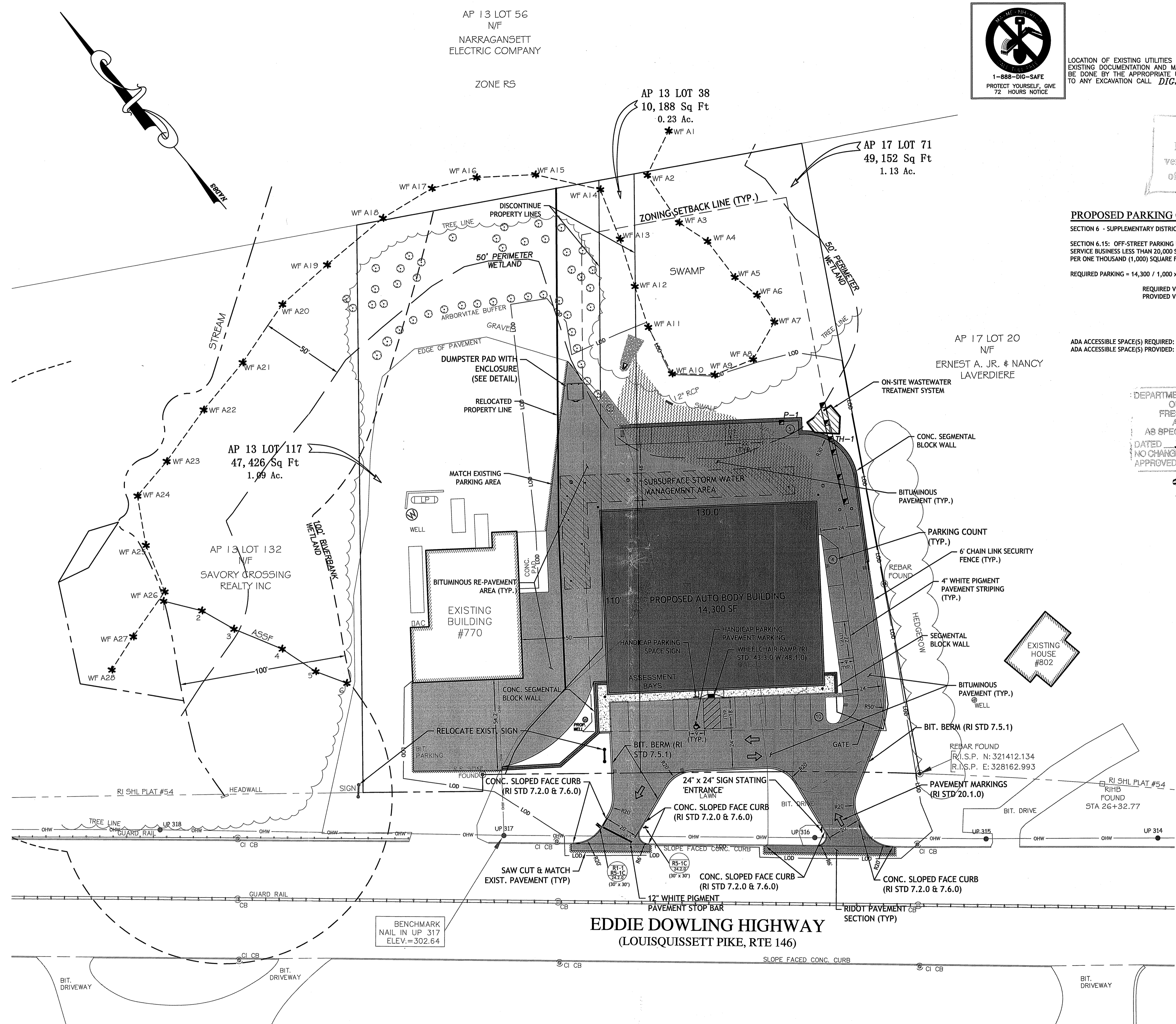
REVISIONS:

NO.	DATE	DESCRIPTION
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		RIDEM COMMENTS OF 4-15-21
		RIDOT COMMENTS OF 4-14-21

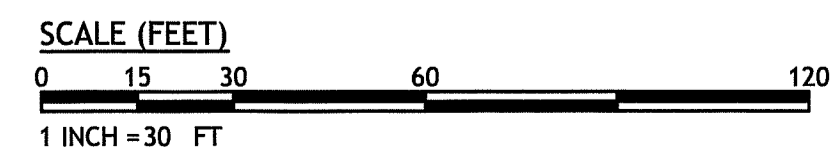
DESIGNED BY: DMD
DRAWN BY:
CHECKED BY: DMD
DATE: DEC., 2020
PROJECT NO: 15-0001-09

PRELIMINARY PLAN, NOT FOR CONSTRUCTION

SITE PLAN
SHEET 4 OF 10



ZONING CRITERIA	REQUIRED	EXIST. LOT 38	EXIST. LOT 71	EXIST. LOT 117	PROP. LOT 71	PROP. LOT 117
ZONING DISTRICT	BH	BH	BH	BH	BH	BH
MINIMUM LOT AREA	NONE	10,188 SF	49,152 SF	47,426 SF	66,594 SF	40,172 SF
MINIMUM DISTANCE TO RESIDENTIAL	25'	NA	69.7'	69.7'	22.7'	22.7'
MINIMUM FRONT YARD SETBACK	25'	NA	48.5'	65.1'	49.3'	65.1'
MINIMUM SIDE YARD SETBACK	15'	NA	18.1'	22.7'	30.7'	22.7'
MINIMUM REAR YARD SETBACK	35'	NA	271.2'	316.6'	191.2'	316.6'
MAXIMUM BUILDING HEIGHT	< 35'	NA	< 35'	< 35'	< 35'	< 35'
MAXIMUM BUILDING COVERAGE	25%	NA	3.7%	10.2%	18.6%	12.0%



Environmental Management
MAY 05 2021
Office of Water Resources

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 02 2021 FILE # 21-0042
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Christina B. Weneck

Detec.
D'AMICO ENGINEERING TECHNOLOGY, INC.
Civil - Transportation - Land Use
2080 Mineral Spring Ave., North Providence, RI 02911
(401) 822-1470 (401) 353-1190 fax www.dengineerinc.com

DAVID M. D'AMICO
No. 6749
REGISTERED PROFESSIONAL ENGINEER CIVIL
5/14/21

PROPOSED NORTH SMITHFIELD AUTO BODY SITE IMPROVEMENTS
770 - 784 EDDIE DOWLING HIGHWAY (RI ROUTE 146)
NORTH SMITHFIELD, RHODE ISLAND
AP 13, LOTS 38, 117 AND AP 17, LOT 71

TEST HOLE DATA TABLE

TH	ELEV	SHQWT
1	286.0	282.0
P-1	274.5	271.0

SOIL EVALUATIONS CONDUCTED BY:
MARC N. NYBERG D-4043
MARC N. NYBERG ASSOCIATES, INC.
501 GREAT ROAD, UNIT 104
NORTH SMITHFIELD, RI 02896

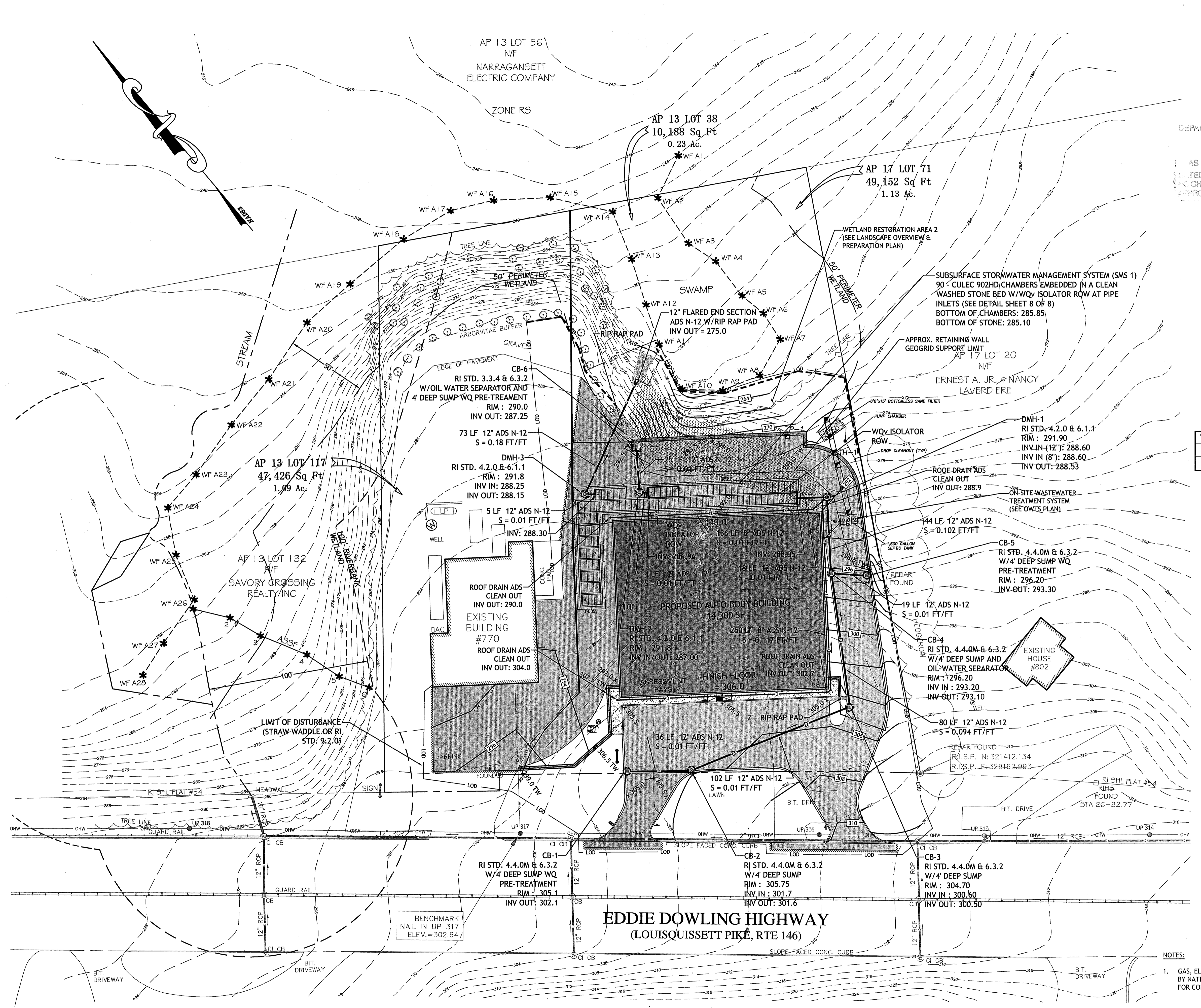
REVISIONS:

NO.	DATE	DESCRIPTION
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		RIDEM COMMENTS OF 4-15-21
		RIDOT COMMENTS OF 4-14-21

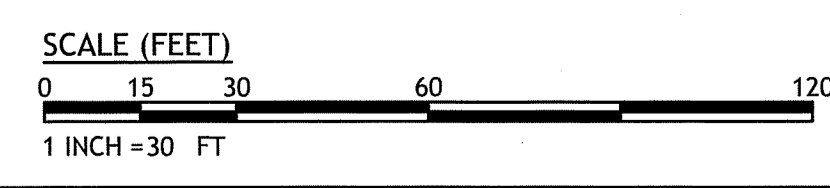
DESIGNED BY: DMD
DRAWN BY:
CHECKED BY: DMD
DATE: DEC., 2020
PROJECT NO: 15-0001-09

PRELIMINARY PLAN, NOT FOR CONSTRUCTION

GRADING DRAINAGE AND UTILITY PLAN



NOTES:
1. GAS, ELECTRIC AND COMMUNICATIONS SERVICE TO BE DESIGNED BY NATIONAL GRID. THE LOCATIONS SHOWN ON THIS PLAN IS FOR CONFLICT PLANNING ONLY AND OR APPROXIMATE.



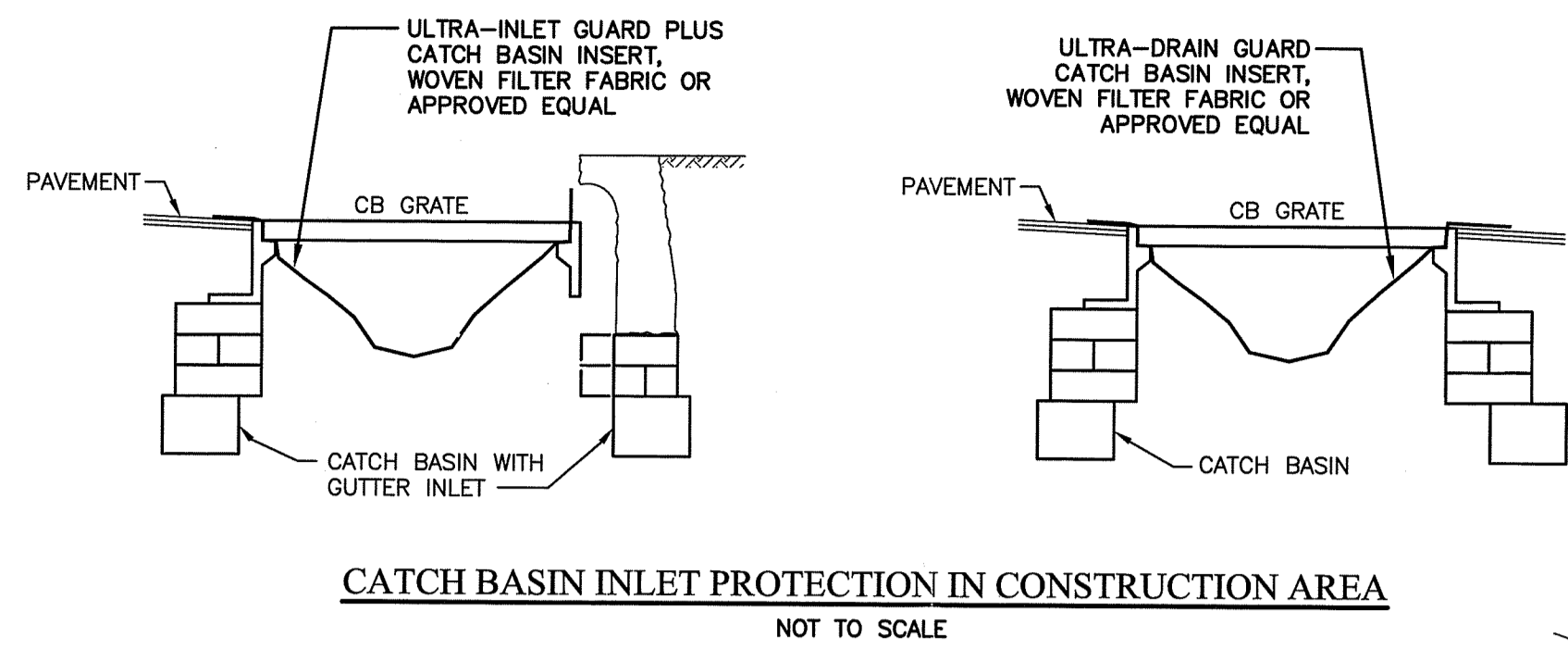
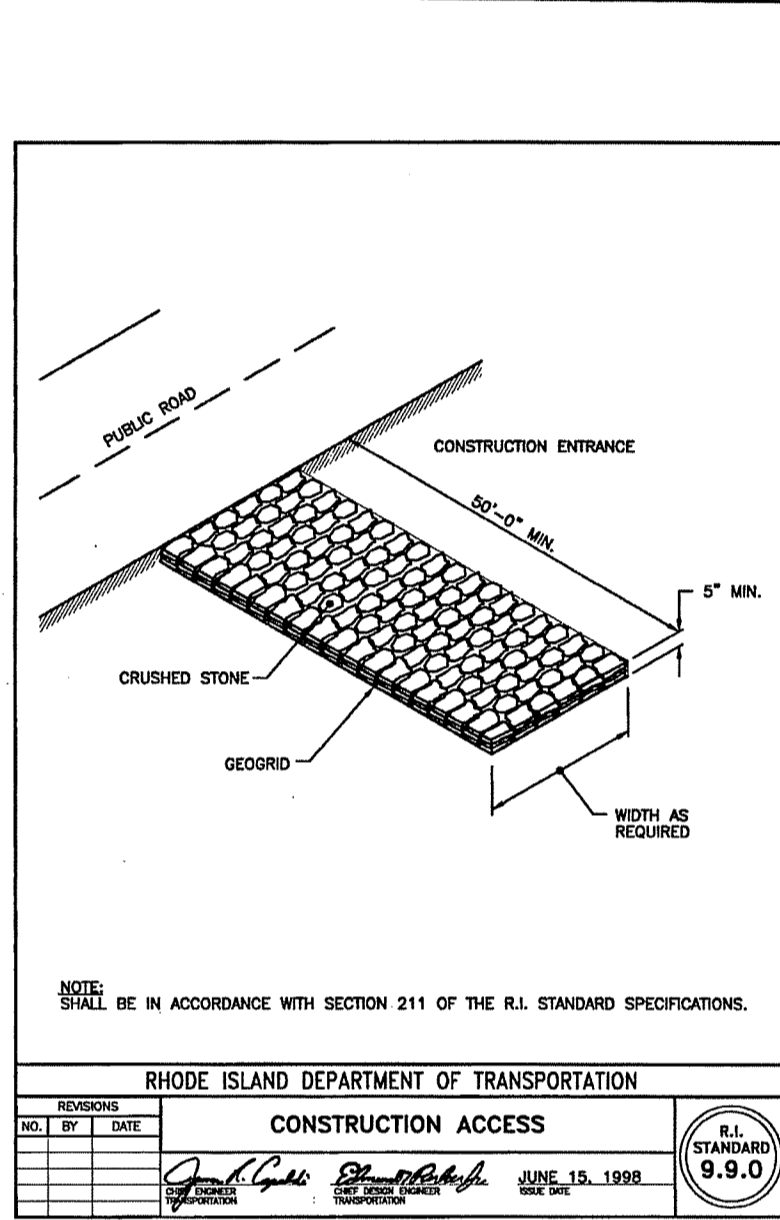
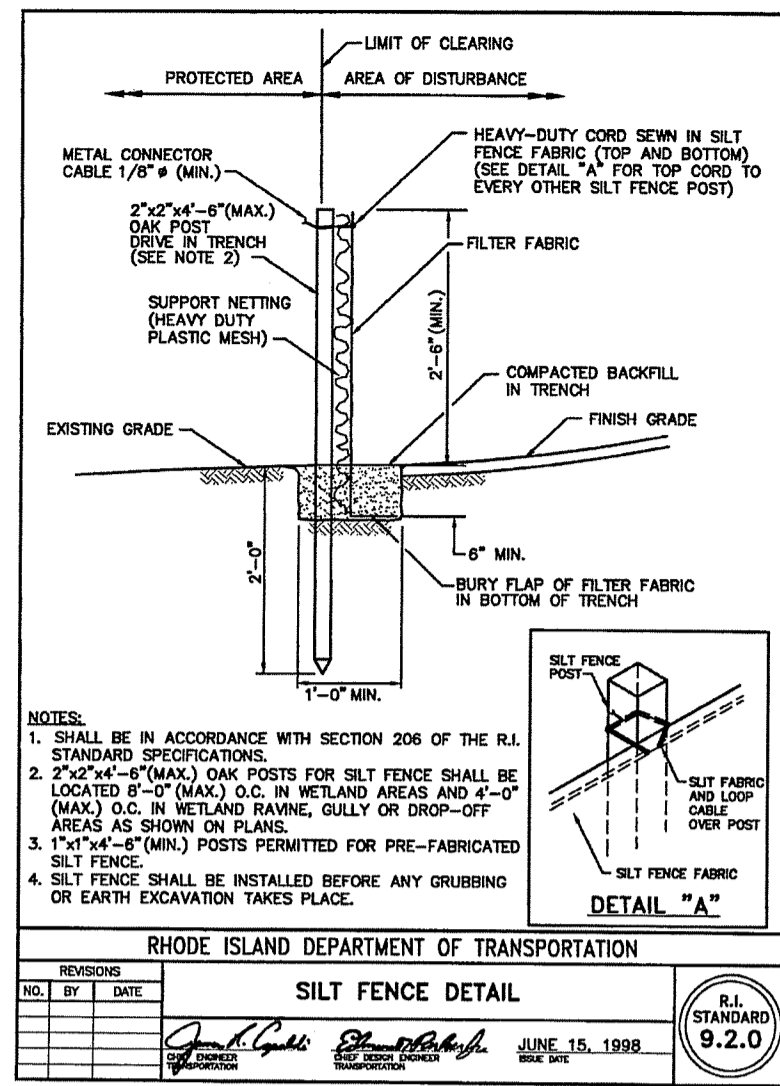
Environmental Management
MAY 05 2021
Office of Water Resources

N:\15-0001-Marc N Nyberg\14 North Smithfield Auto Body\Plans\NS AutoBody Permit SITE PLAN SET 5-3-21 REV 1.dwg May_05_2021 2:42pm

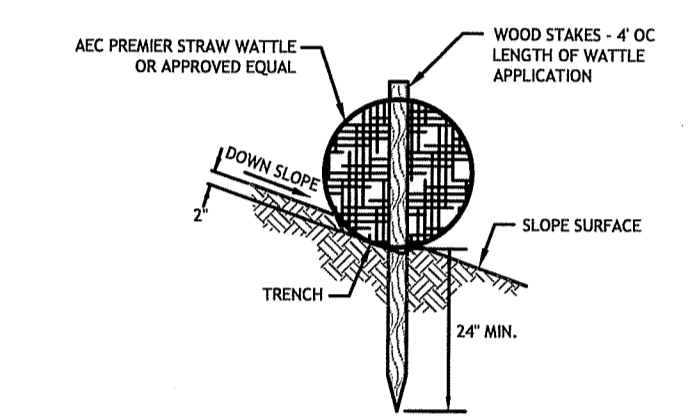


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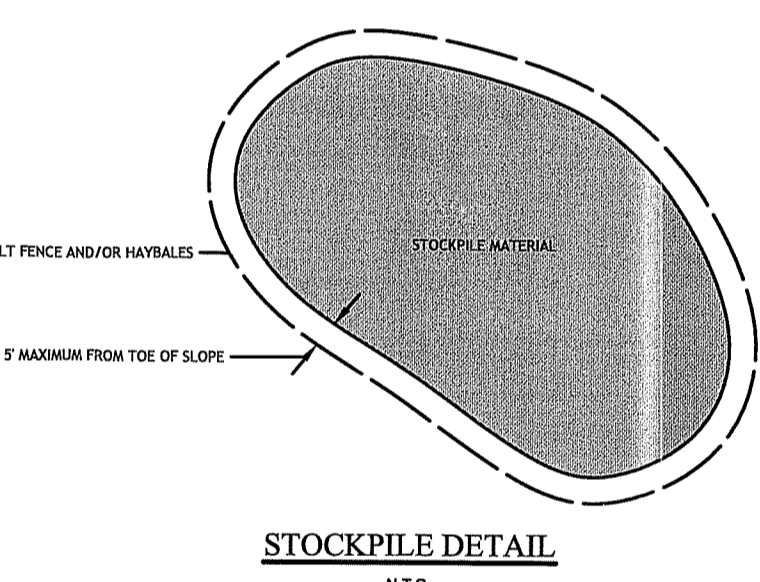
1-888-344-7233



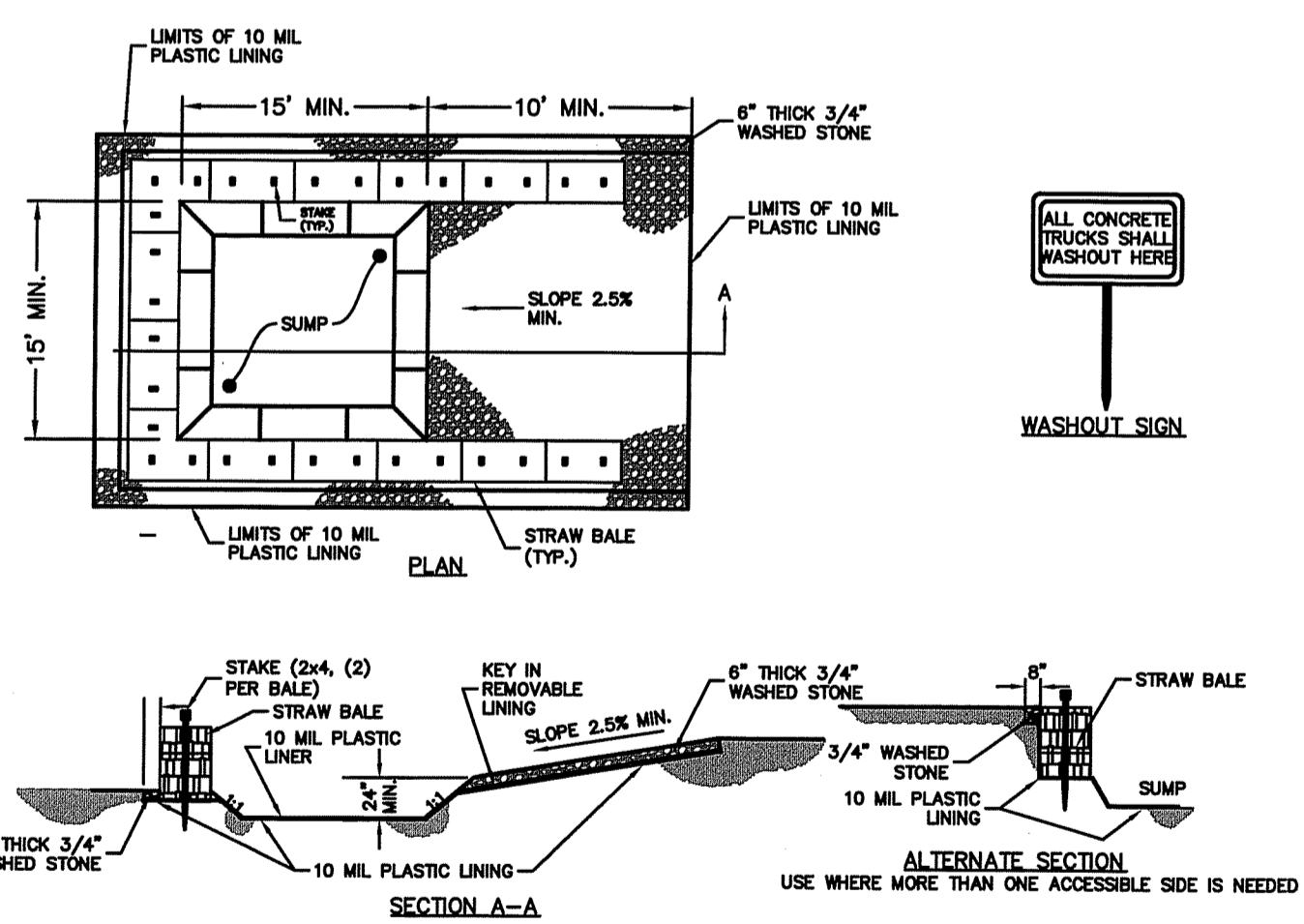
CATCH BASIN INLET PROTECTION IN CONSTRUCTION AREA
NOT TO SCALE



STRAW WATTLE STAKE
DETAIL ON SOIL
N.T.S.



STOCKPILE DETAIL
N.T.S.

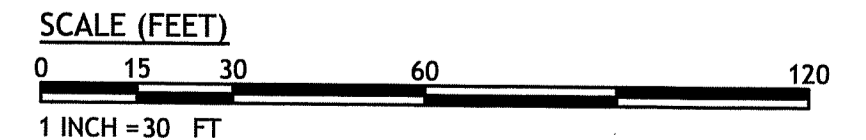
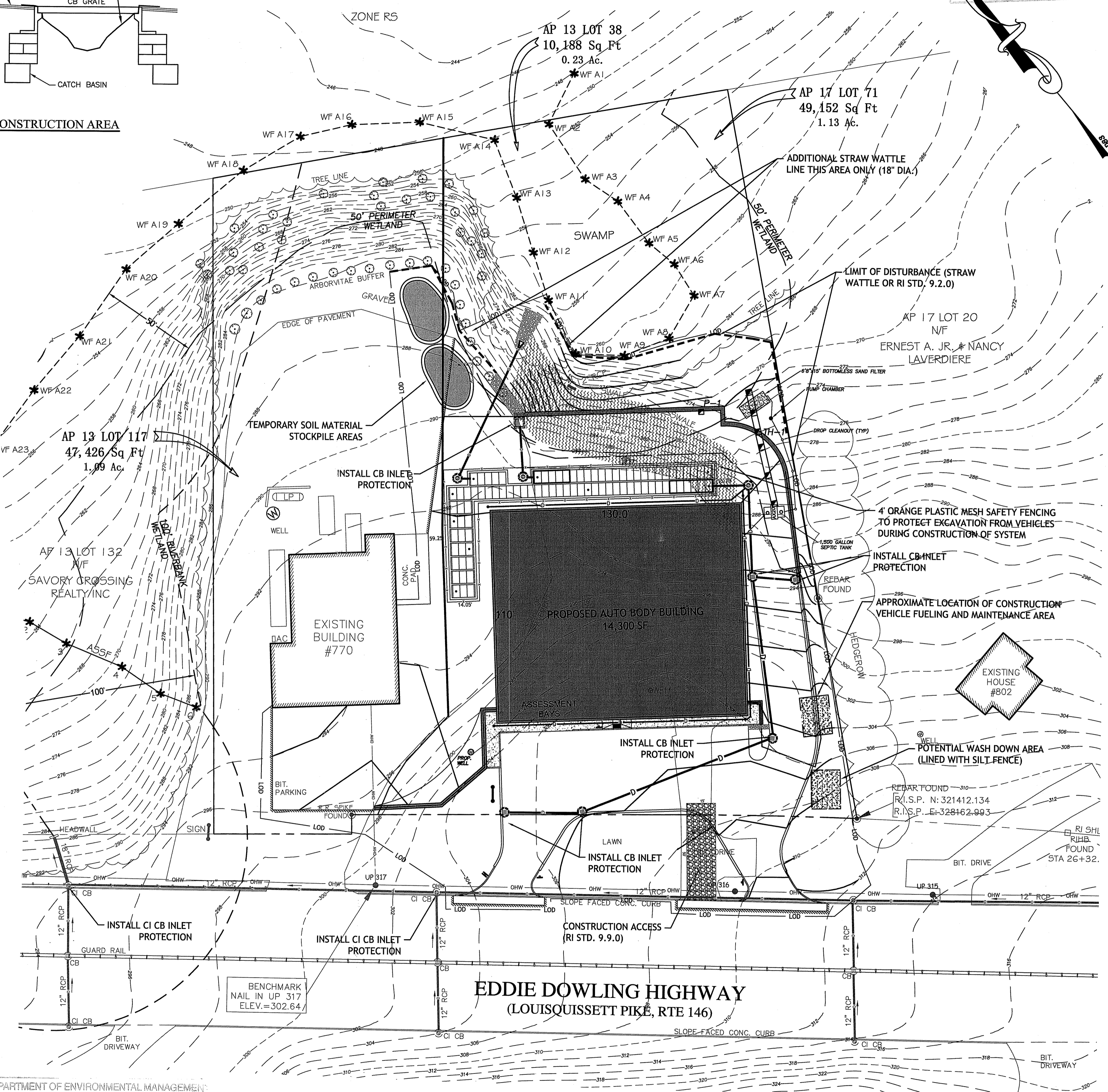


- NOTES:
1. PIT IS SPECIFICALLY DESIGNATED, DIKED AND CONTAINED TO PREVENT CONTACT BETWEEN CONCRETE WASH AND STORMWATER.
 2. WASH WATER SHALL NOT BE ALLOWED TO FLOW TO SURFACE WATER.
 3. FACILITY MUST HOLD SUFFICIENT VOLUME TO CONTAIN CONCRETE WASTE WITH A MINIMUM FREEBOARD OF 12\"/>

CONCRETE WASHOUT AREA
(NOT TO SCALE)

SEE SOIL EROSION AND SEDIMENTATION CONTROL NOTES AND BMP MAINTENANCE SCHEDULE NOTES ON GENERAL NOTES AND LEGEND PLAN (SHEET 2 OF 8)

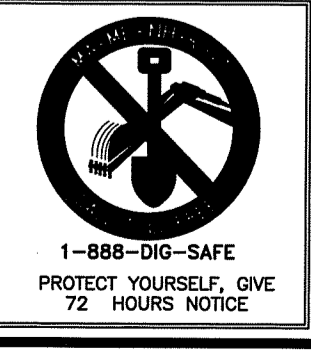
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Environmental Management
MAY 05 2021
Office of Water Resources

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 02 2021 FILE # 21-C042
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Matthew D. Weneck

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N:\15-0001_Marc N Nyberg\14_North Smithfield Auto Body\Plan\Site Plan SET 5-3-21 REV 1.dwg May, 04, 2021 4:56pm

Detec.
D'AMICO ENGINEERING TECHNOLOGY, INC.
Civil - Transportation - Land Use
2080 Mineral Spring Ave., North Providence, RI 02891
(401) 622-1470 (401) 353-1190 fax www.denginc.com

DAVID M. D'AMICO
No. 6749
REGISTERED PROFESSIONAL ENGINEER
CIVIL
3/14/21

**PROPOSED NORTH SMITHFIELD
AUTO BODY SITE IMPROVEMENTS**
770 - 784 EDDIE DOWLING HIGHWAY (RI ROUTE 146)
NORTH SMITHFIELD, RHODE ISLAND
AP 13, LOTS 38, 117 AND AP 17, LOT 71

REVISIONS:

NO.	DATE	DESCRIPTION
1	5-3-21	TOWN COMMENTS OF 2-7-21
		RIDEM COMMENTS OF 4-15-21
		RIDOT COMMENTS OF 4-14-21

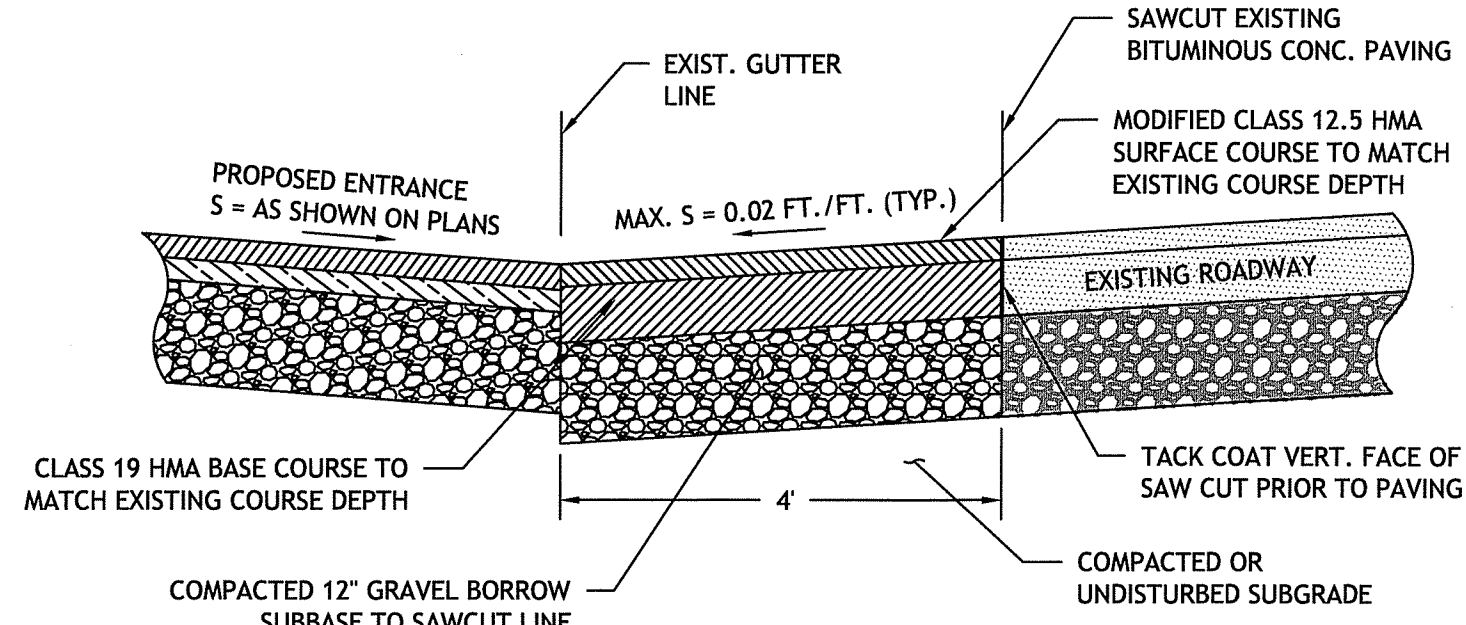
DESIGNED BY: DMD
DRAWN BY:
CHECKED BY: DMD
DATE: DEC, 2020
PROJECT NO: 15-0001-09

PRELIMINARY PLAN, NOT FOR CONSTRUCTION

SOIL EROSION AND SEDIMENT CONTROL PLAN AND DETAILS

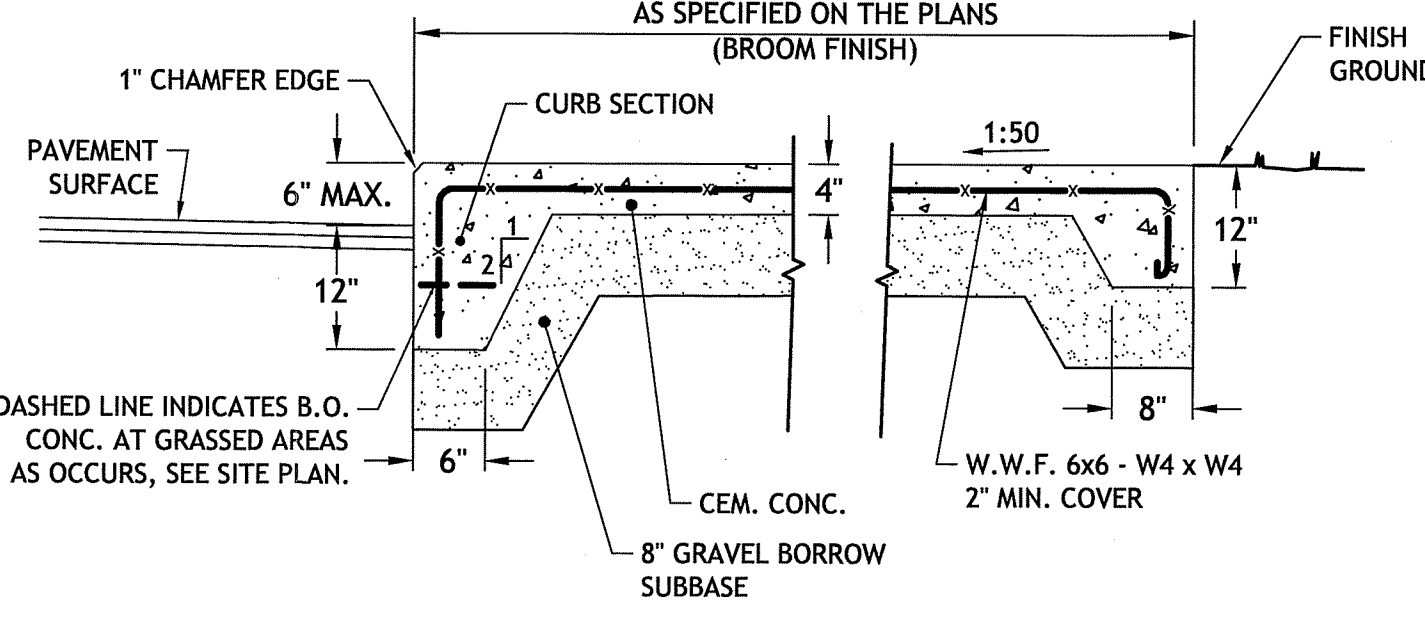
SHEET 6 OF 10

- NOTE:
1. MINIMUM COMPACTION FOR GRAVEL BORROW SUBBASE OR SUBGRADE TO BE 95% MODIFIED PROCTOR.
 2. NO WORK SHOULD BE DONE OUTSIDE OF THE PROJECT SITE. PAVEMENT SHOULD MATCH WHERE NOTED ON THE SITE PLANS.
 3. WHEN MATCHING EXISTING PAVEMENT THE LONGITUDINAL CUT AND MATCH SECTION SHOULD NOT EXCEED PAST THE SHOULDER STRIPING.

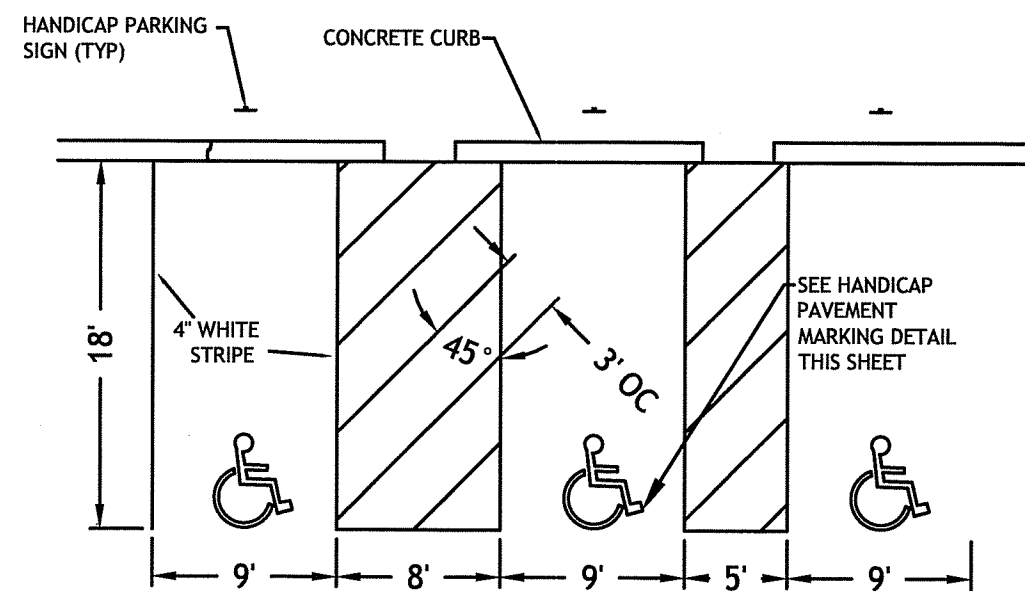


ENTRANCE ACCESS SAWCUT & MATCH DETAIL
NOT TO SCALE

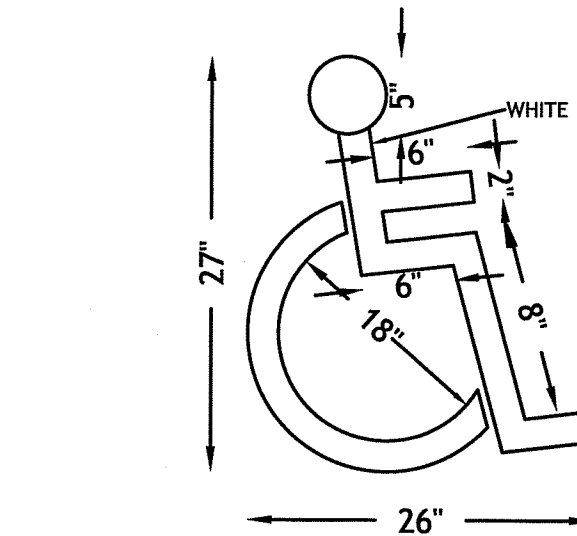
NOTE: SEE SPECS. FOR ALL INFO. REGARDING EXPANSION AND CONTROL JOINTS



CEMENT CONCRETE SIDEWALK AND CURB, PAD OR WALKWAY - MONOLITHIC POUR
NTS



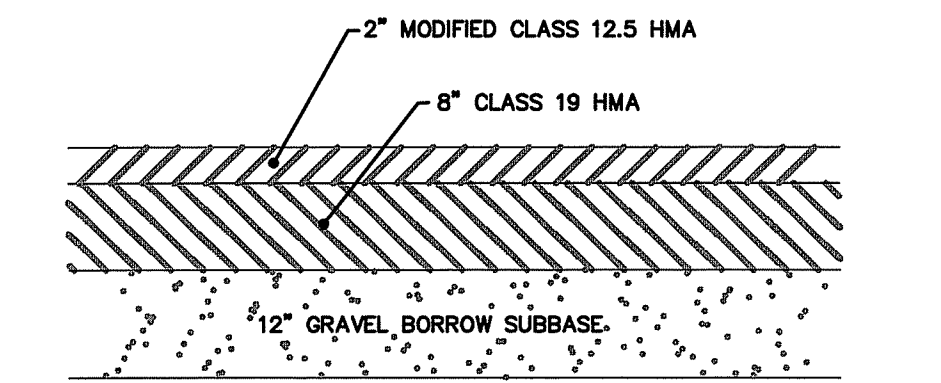
HANDICAP PARKING STALLS
NOT TO SCALE



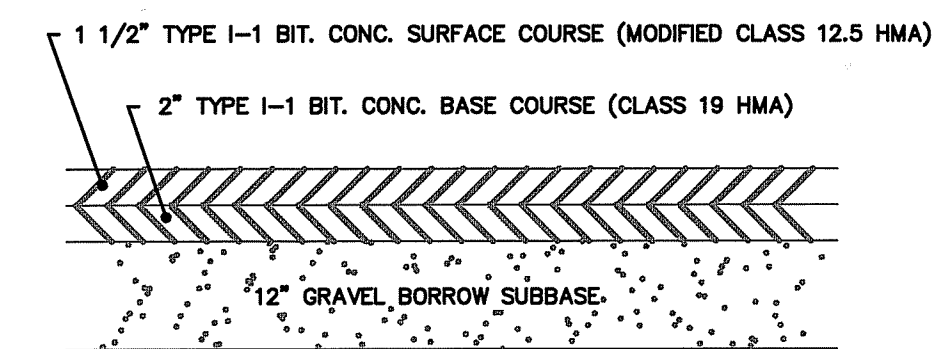
HANDICAP PAVEMENT MARKING
NOT TO SCALE



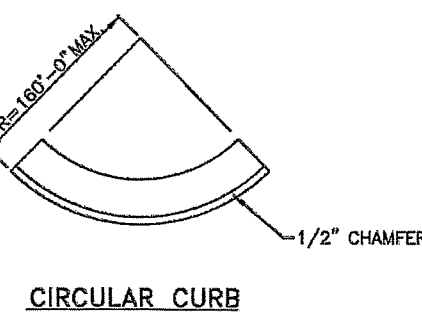
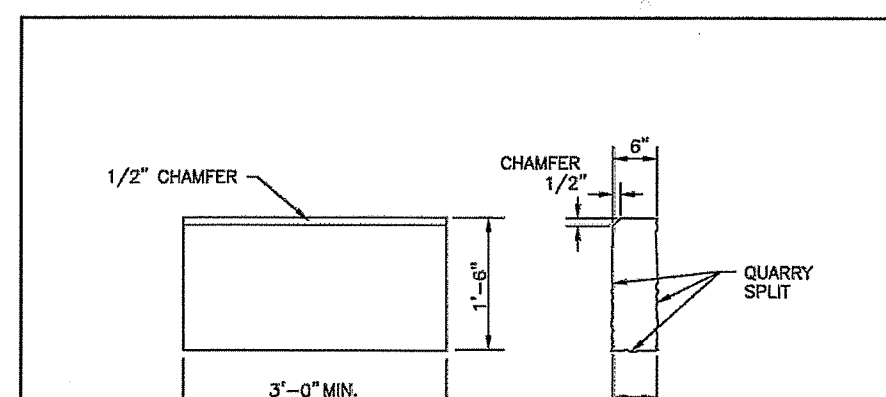
HANDICAPPED PARKING SIGNS
NOT TO SCALE



PAVEMENT CROSS SECTION (RIDOT ROW)
NOT TO SCALE



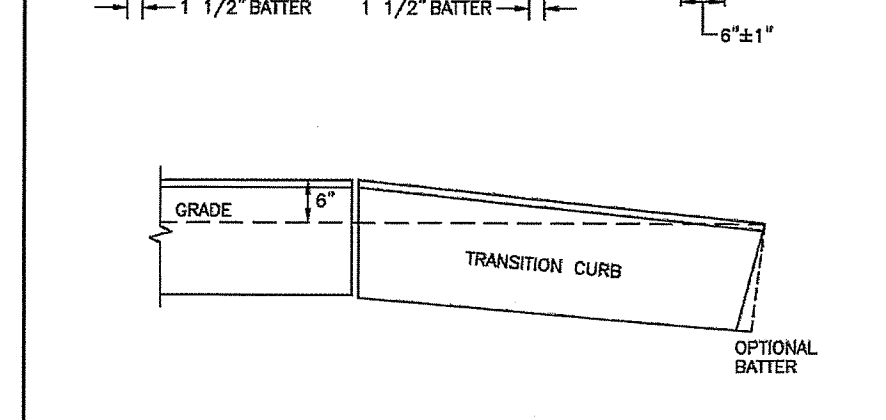
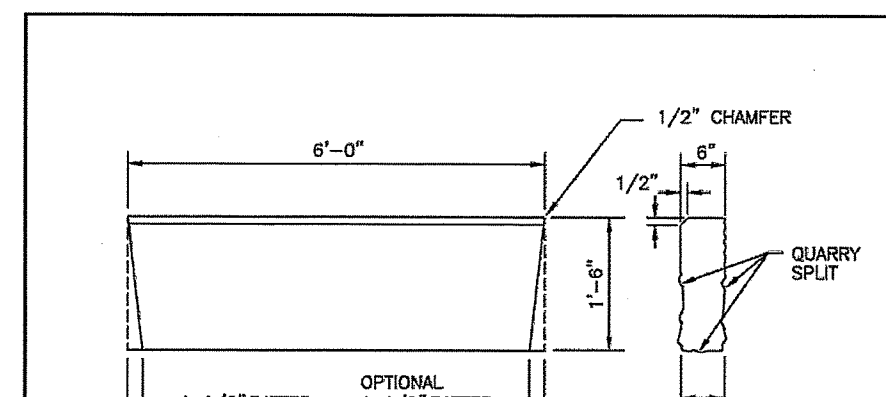
PAVEMENT CROSS SECTION - ON-SITE
NOT TO SCALE



NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. TOP SURFACE TO BE DRESSED BY SAW. REMAINDER MAY BE QUARRY SPLIT.
3. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR PIECES TO BE 3'-0\"/>

RHODE ISLAND DEPARTMENT OF TRANSPORTATION			
NO.	BY	DATE	DESCRIPTION
1	MLP	SEP 2020	GRANITE CURB
2	MLP	SEP 2021	GRANITE CURB

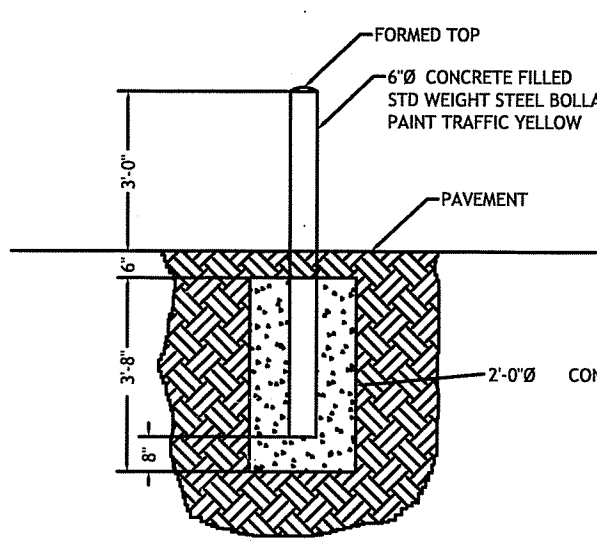
DATE: JUN 15, 1998
R.I. STANDARD 7.3.0



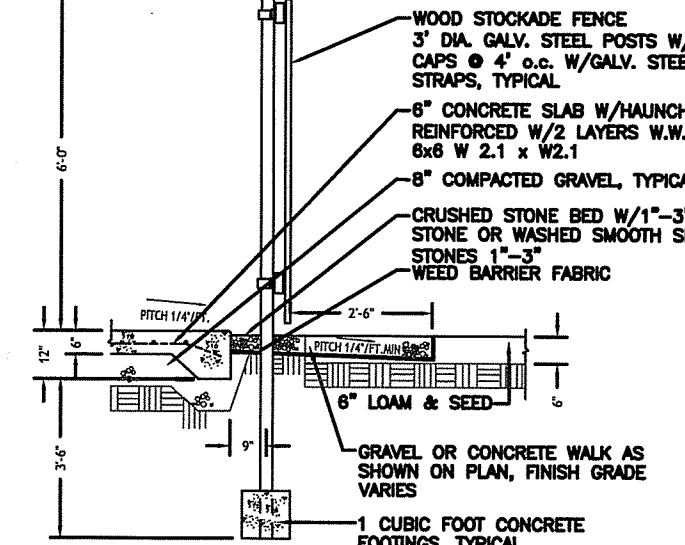
NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. THE CONTRACTOR MAY CUT EXISTING CURB SECTIONS AS REQUIRED TO MEET THIS DETAIL AND THE R.I. STANDARD SPECIFICATIONS, WHERE OLD CURBING IS BEING REUSED.
3. TOP SURFACE TO BE DRESSED BY SAW. REMAINDER MAY BE QUARRY SPLIT.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION			
NO.	BY	DATE	DESCRIPTION
1	MLP	SEP 2020	6\"/>
2	MLP	SEP 2021	6\"/>

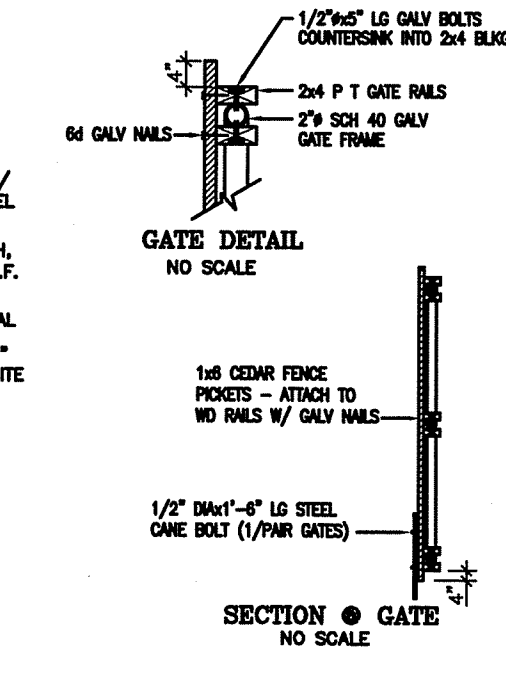
DATE: JUN 15, 1998
R.I. STANDARD 7.3.2



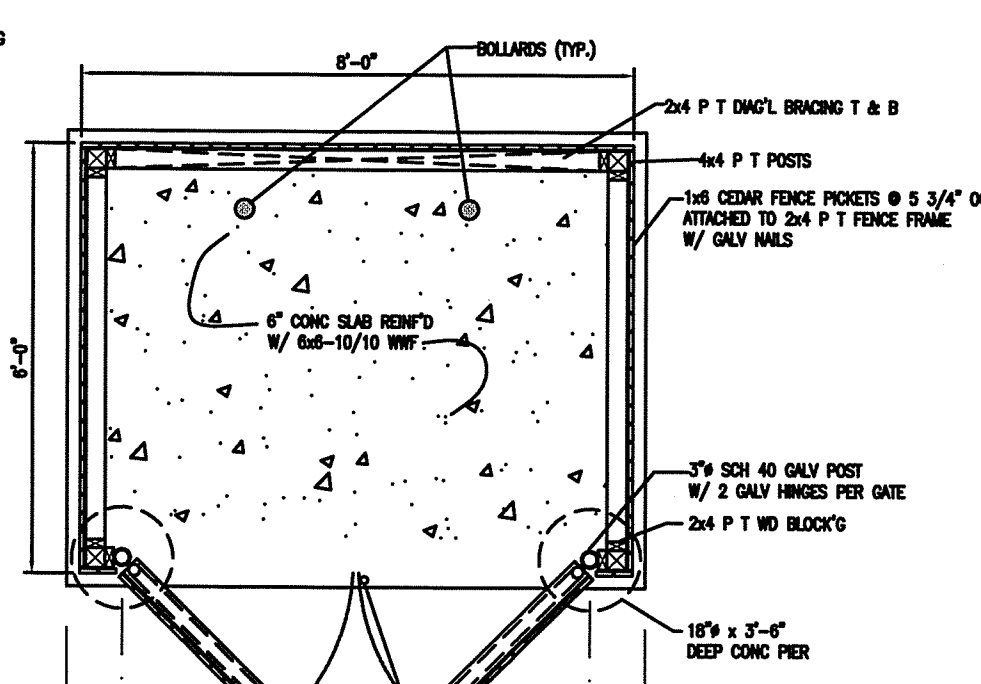
TYPICAL BOLLARD DETAIL
NOT TO SCALE



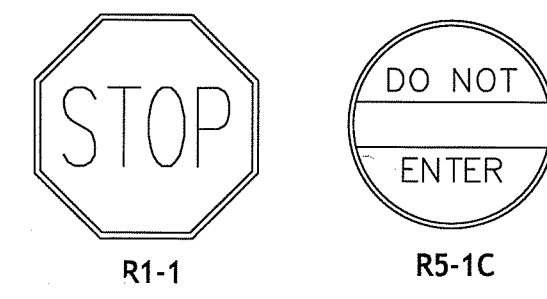
DUMPSTER PAD/FENCE DETAIL
SCALE: 1/2\"/>



GATE DETAIL
NO SCALE

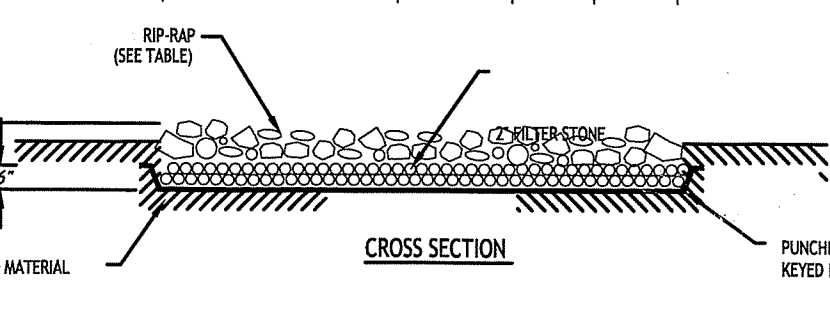


DUMPSTER ENCLOSURE PLAN
NOT TO SCALE

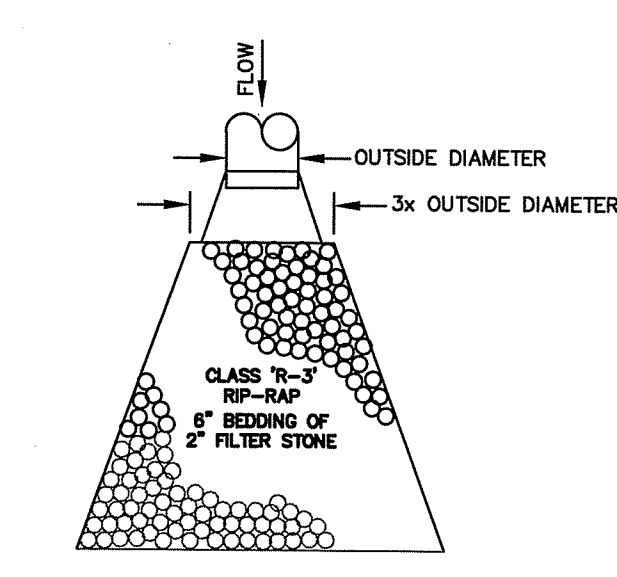


SIGN LEGEND
SIGN DESIGNATION: R1-1, R5-1C
MOUNTING TYPE (RI STD.): 24.6.0
SIZE: (12\"/>

Location	L	W	SIZE
SITE RIP-RAP APRON 12' ADS	10'	8'	R-3



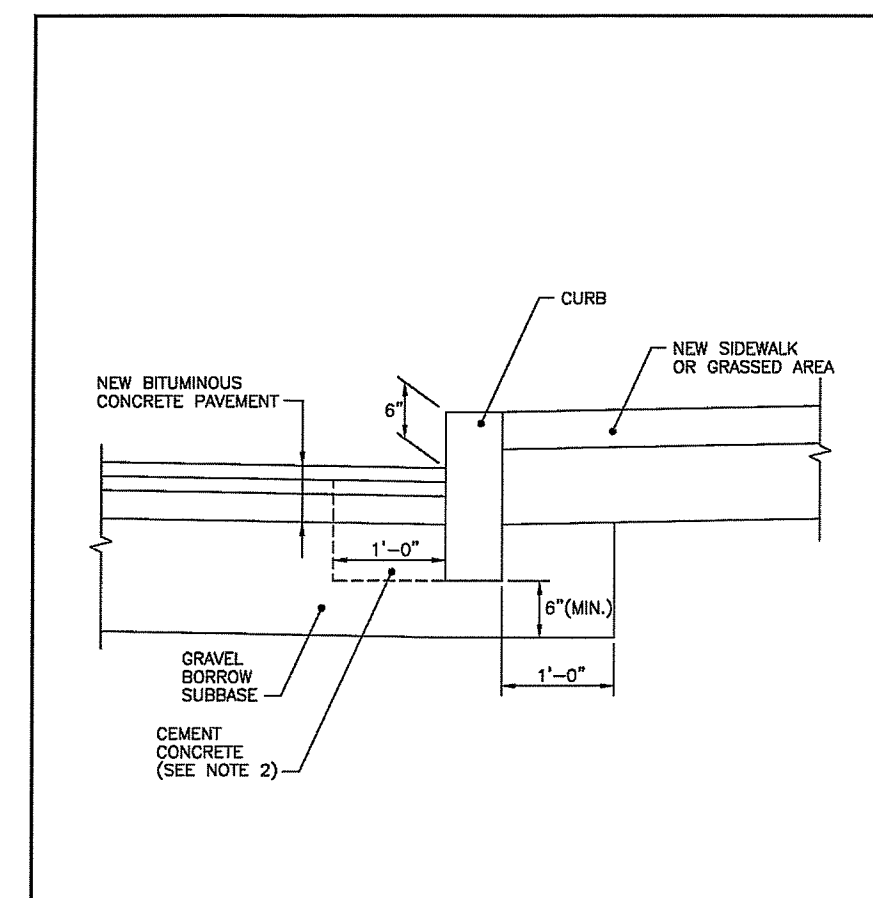
RIP-RAP APRON DETAIL
N.T.S.



RIP-RAP APRON DETAIL
*INSTALL APRONS AS SHOWN ON PLAN

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 02 2021 FILE # 21-00242
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

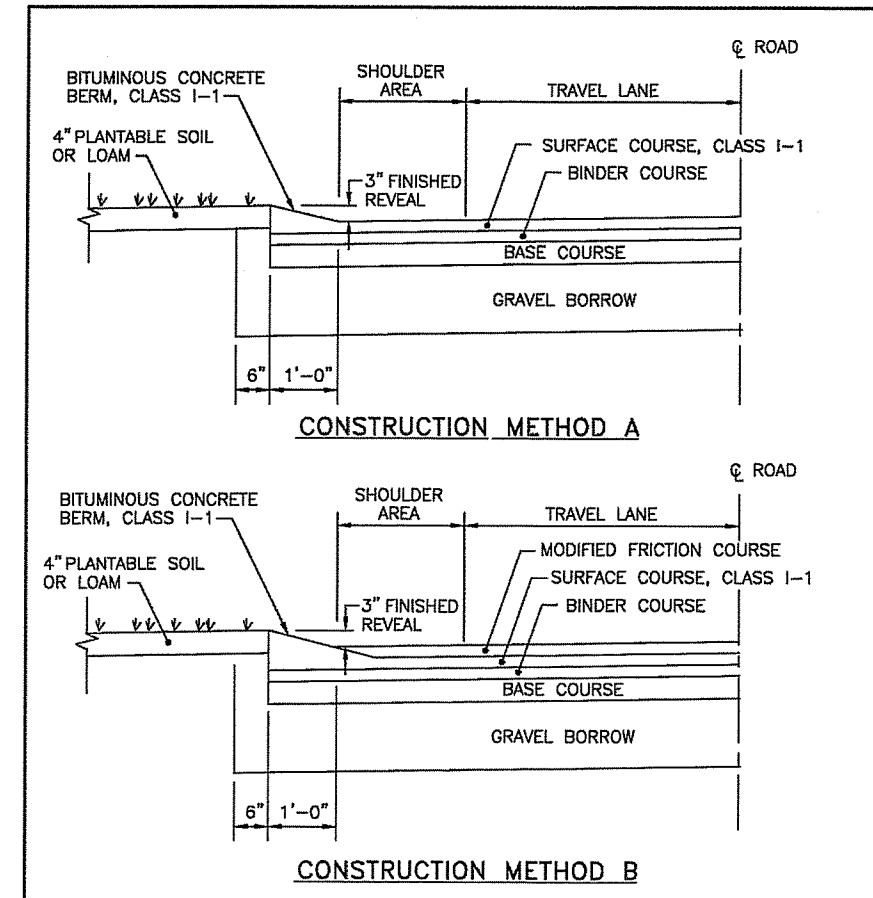
Markus D. Weneck



NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. CEMENT CONCRETE SHALL BE USED ONLY WHEN THE CURB IS SET AFTER THE BASE AND/OR BINDER COURSES ARE IN PLACE. OTHERWISE THE CEMENT CONCRETE WILL BE ELIMINATED AND THE GRAVEL BROUGHT UP TO BOTTOM OF THE BASE COURSE.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION			
NO.	BY	DATE	DESCRIPTION
1	MLP	SEP 20	CURB SETTING DETAIL

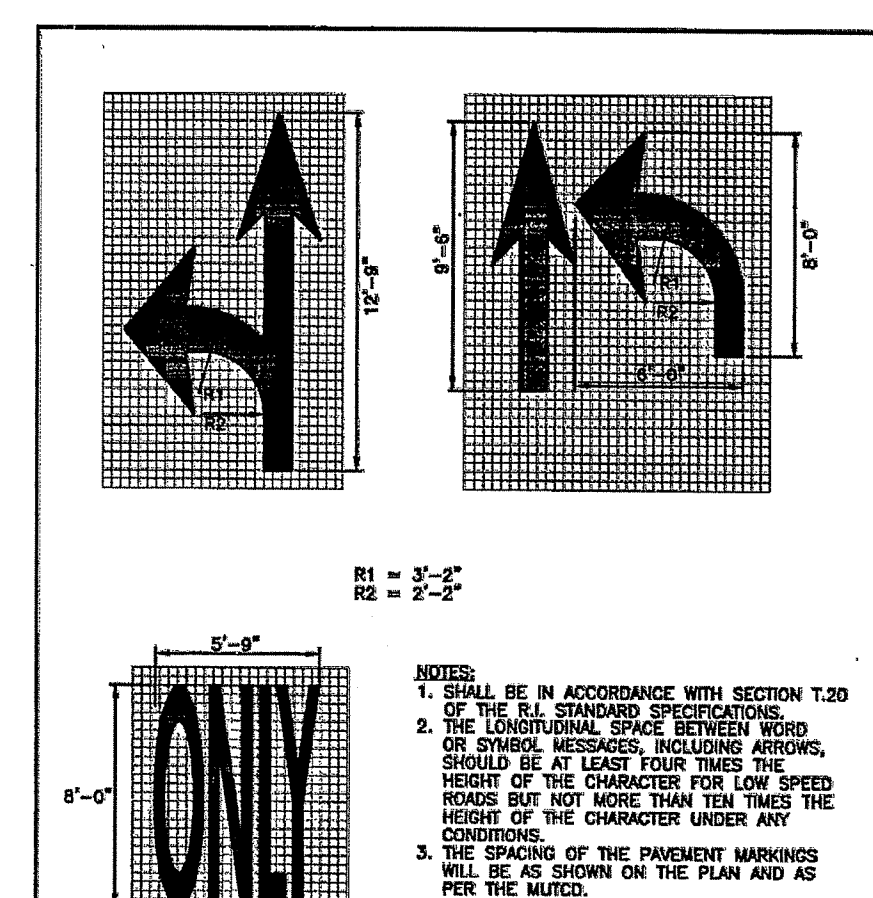
DATE: JUN 15, 1998
R.I. STANDARD 7.6.0



NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
2. BITUMINOUS BERM CAN BE PLACED AT THE SAME TIME THAT THE SURFACE COURSE LAYER IS PLACED ON THE PROJECT ROADWAY, OR IT CAN BE INSTALLED IN A SEPARATE OPERATION.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION			
NO.	BY	DATE	DESCRIPTION
1	MLP	SEP 20	BITUMINOUS BERM

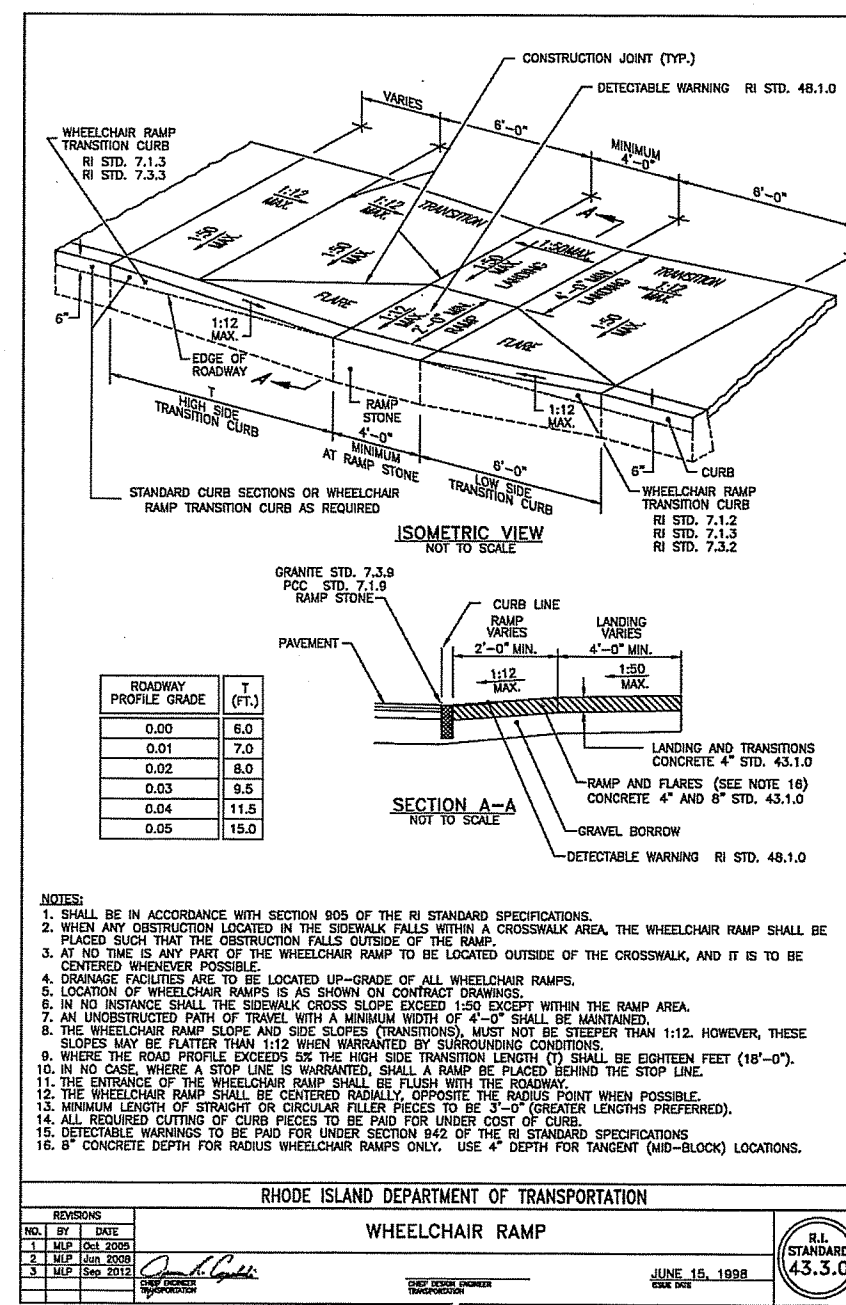
DATE: JUN 15, 1998
R.I. STANDARD 7.5.1



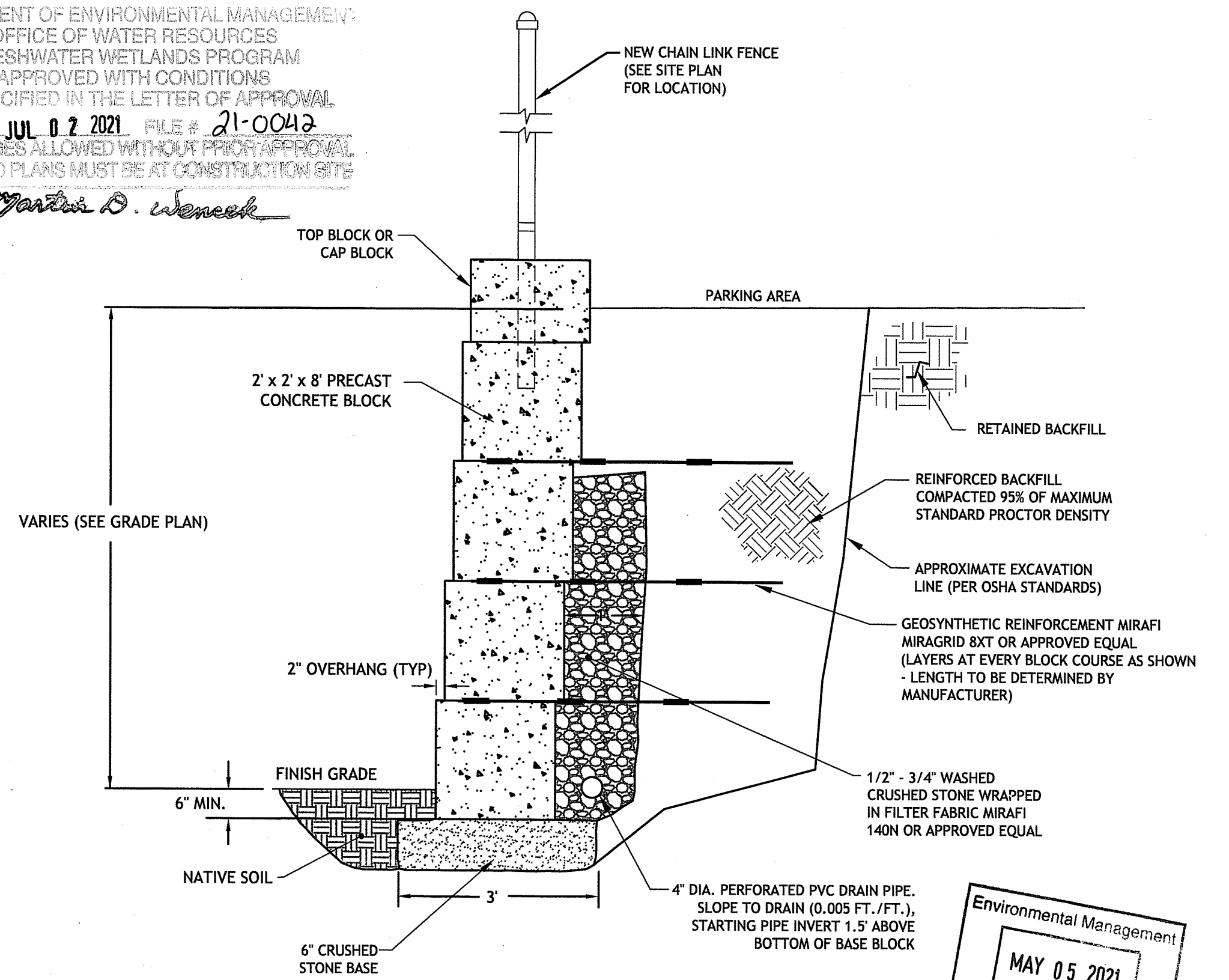
NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 7.20 OF THE R.I. STANDARD SPECIFICATIONS.
2. THE LONGITUDINAL SPACE BETWEEN WORDS OR SYMBOLS, INCLUDING ARROWS, SHOULD BE AT LEAST FOUR TIMES THE HEIGHT OF THE CHARACTER FOR LOW SPEED SIGNS BUT NOT MORE THAN TEN TIMES THE HEIGHT OF THE CHARACTER UNDER ANY CONDITIONS.
3. THE SPACING OF THE PAVEMENT MARKINGS WILL BE AS SHOWN ON THE PLAN AND AS PER THE MUTCD.
4. SYMBOLS AND WORDS SHALL MEET THE REQUIREMENTS OF THE FHWA STANDARD ALPHABET AND SYMBOLS FOR HIGHWAY PAVEMENT MARKINGS.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION			
NO.	BY	DATE	DESCRIPTION
1	MLP	SEP 20	PAVEMENT MARKINGS ARROWS AND ONLY

DATE: JUN 15, 1998
R.I. STANDARD 20.1.0



WHEELCHAIR RAMP
DATE: JUN 15, 1998
R.I. STANDARD 43.3.0



TYPICAL SECTION - RETAINING WALL (EAST WALL)
PRECAST CEMENT CONCRETE BLOCK UNIT (OR APPROVED EQUAL)
SCALE: NONE

Environmental Management
MAY 05 2021
Office of Water Resources

Petec
DAMICO ENGINEERING TECHNOLOGY, INC.
Civil - Transportation - Land Use
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www.damicoengineering.com

DAVID M. DAMICO
No. 6749
REGISTERED PROFESSIONAL ENGINEER
CIVIL
5/14/21

PROPOSED NORTH SMITHFIELD AUTO BODY SITE IMPROVEMENTS
770 - 784 EDDIE DOWLING HIGHWAY (RI ROUTE 146)
NORTH SMITHFIELD, RHODE ISLAND
AP 13, LOTS 38, 117 AND AP 17, LOT 71

NO.	DATE	DESCRIPTION
1	5-3-21	TOWN COMMENTS OF 2-7-21
		RIDEM COMMENTS OF 4-15-21
		RIDOT COMMENTS OF 4-14-21

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1	5-3-21	TOWN COMMENTS OF 2-7-21
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		RIDOT COMMENTS OF 4-14-21

DESIGNED BY: DMD
DRAWN BY:
CHECKED BY: DMD
DATE: DEC. 2020
PROJECT NO: 15-0001-09

PRELIMINARY PLAN, NOT FOR CONSTRUCTION

SITE DETAILS 1
SHEET 7 OF 10

