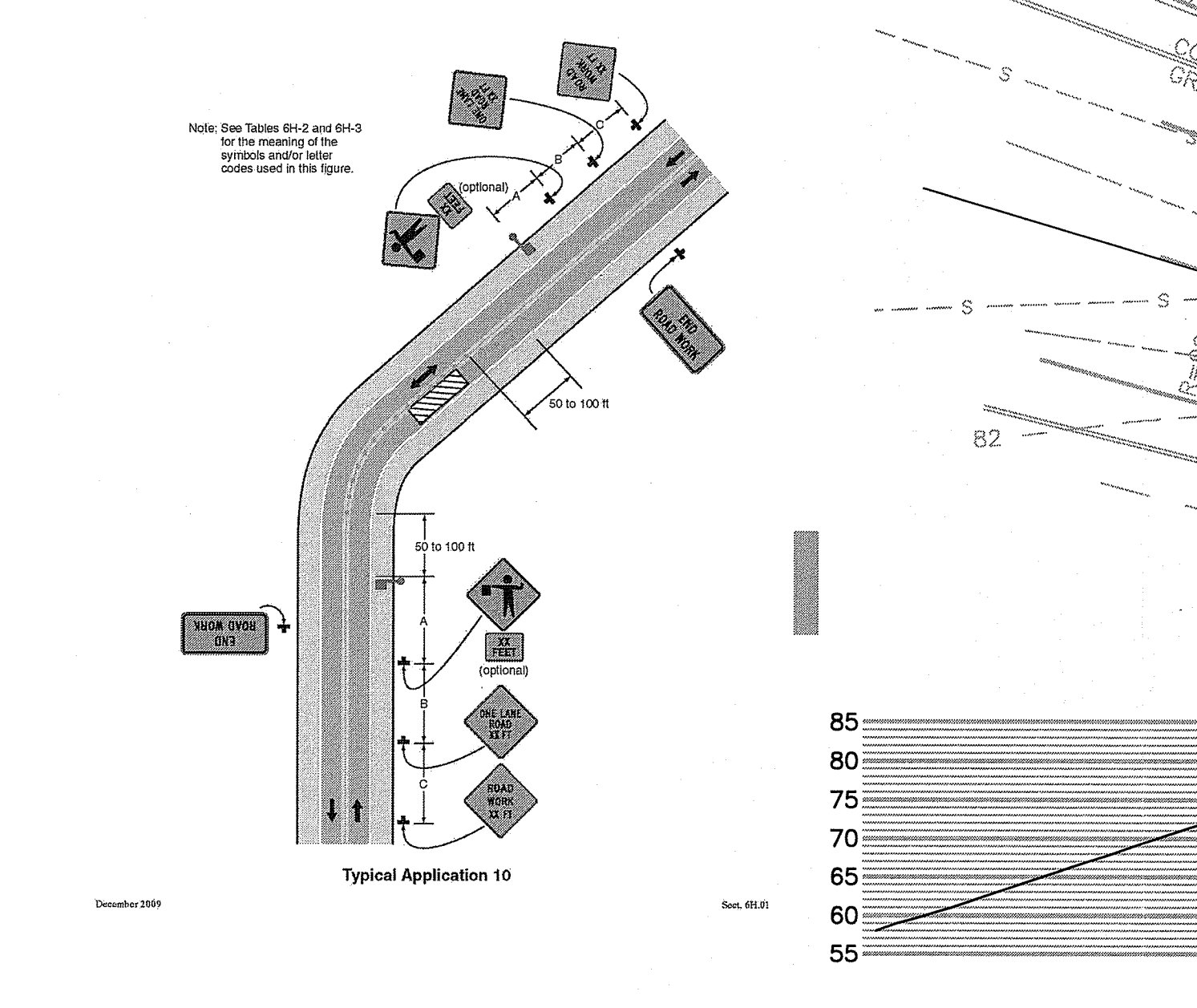
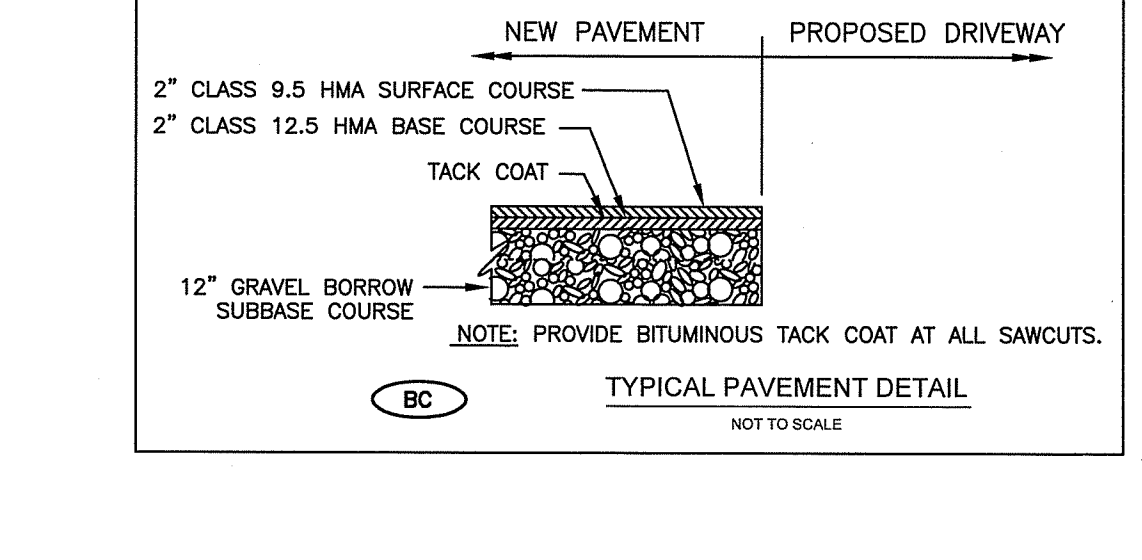
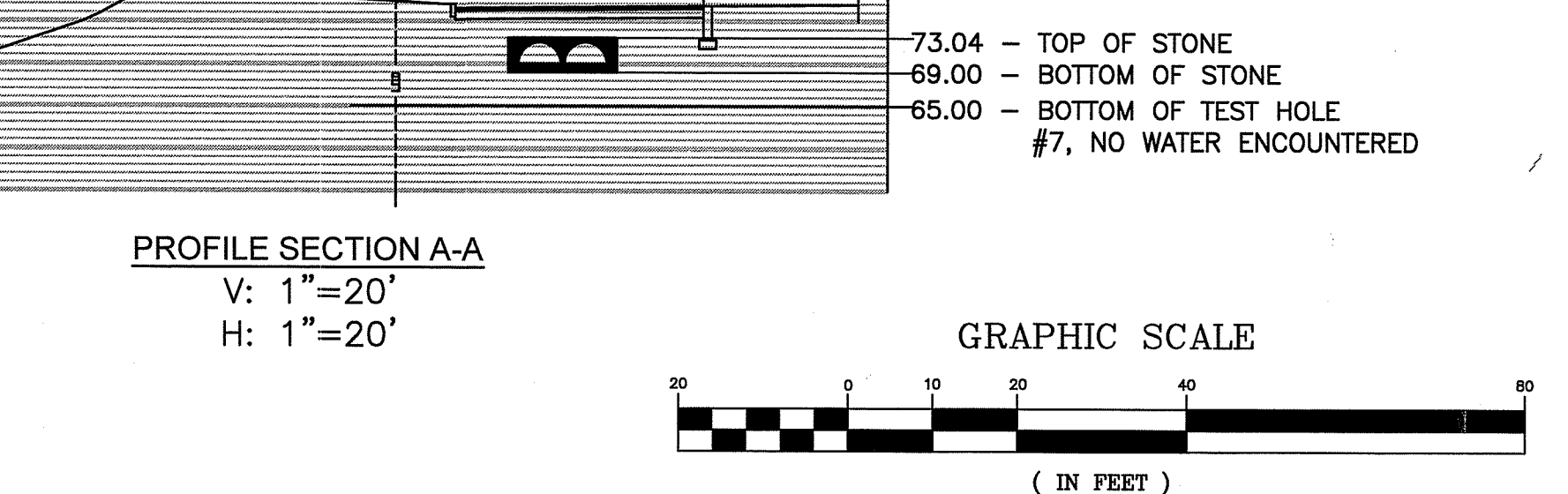
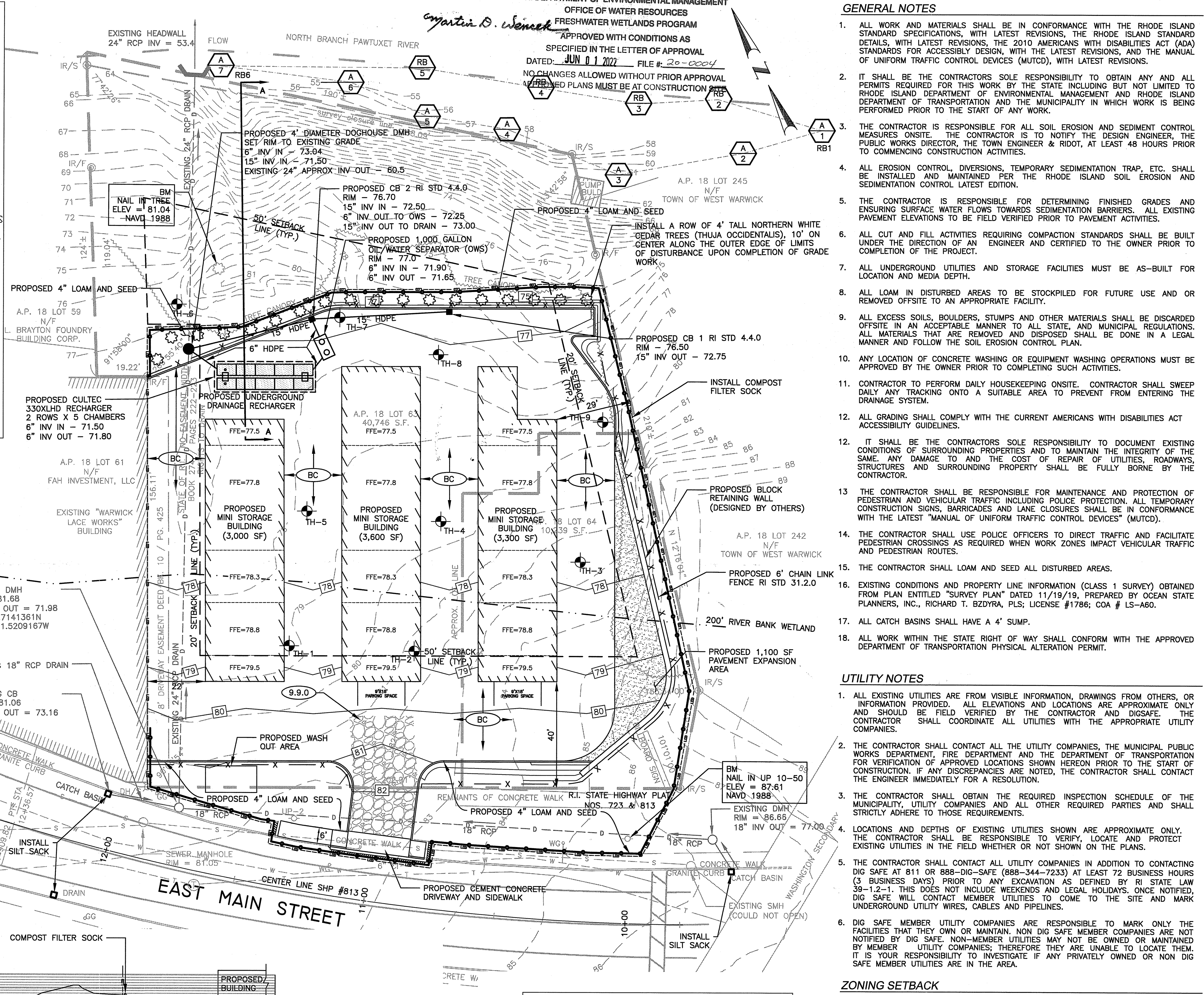


RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:  
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of trees, wetlands, or other resources.



FROM	TO	INV OUT	INV IN	DIAMETER (in.)	LENGTH (ft)	SLOPE (ft/ft)
CB1	CB2	72.75	72.50	15" HDPE	50	0.005
CB2	OWS	72.25	72.90	6" HDPE	7	0.050
CB2	DMH	73.00	71.50	15" HDPE	50	0.030
OWS	RECHARGER	71.65	71.50	6" HDPE	18	0.008
RECHARGER	DMH	71.80	73.04	6" HDPE	16	-0.078



**GENERAL NOTES**

- ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE RHODE ISLAND STANDARD SPECIFICATIONS, WITH LATEST REVISIONS, THE RHODE ISLAND STANDARD DETAILS, WITH LATEST REVISIONS, THE 2010 AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLY DESIGN, WITH THE LATEST REVISIONS, AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), WITH LATEST REVISIONS.
- IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY TO OBTAIN ANY AND ALL PERMITS REQUIRED FOR THIS WORK BY THE STATE INCLUDING BUT NOT LIMITED TO RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND RHODE ISLAND DEPARTMENT OF TRANSPORTATION AND THE MUNICIPALITY IN WHICH WORK IS BEING PERFORMED PRIOR TO THE START OF ANY WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES ONSITE. THE CONTRACTOR IS TO NOTIFY THE DESIGN ENGINEER, THE PUBLIC WORKS DIRECTOR, THE TOWN ENGINEER & RIDOT, AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.
- ALL EROSION CONTROL, DIVERSIONS, TEMPORARY SEDIMENTATION TRAP, ETC. SHALL BE INSTALLED AND MAINTAINED PER THE RHODE ISLAND SOIL EROSION AND SEDIMENTATION CONTROL LATEST EDITION.
- THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING FINISHED GRADES AND ENSURING SURFACE WATER FLOWS TOWARDS SEDIMENTATION BARRIERS. ALL EXISTING PAVEMENT ELEVATIONS TO BE FIELD VERIFIED PRIOR TO PAVEMENT ACTIVITIES.
- ALL CUT AND FILL ACTIVITIES REQUIRING COMPACTION STANDARDS SHALL BE BUILT UNDER THE DIRECTION OF AN ENGINEER AND CERTIFIED TO THE OWNER PRIOR TO COMPLETION OF THE PROJECT.
- ALL UNDERGROUND UTILITIES AND STORAGE FACILITIES MUST BE AS-BUILT FOR LOCATION AND MEDIA DEPTH.
- ALL LOAM IN DISTURBED AREAS TO BE STOCKPILED FOR FUTURE USE AND OR REMOVED OFFSITE TO AN APPROPRIATE FACILITY.
- ALL EXCESS SOILS, BOULDERS, STUMPS AND OTHER MATERIALS SHALL BE DISCARDED OFFSITE IN AN ACCEPTABLE MANNER TO ALL STATE, AND MUNICIPAL REGULATIONS. ALL MATERIALS THAT ARE REMOVED AND DISPOSED SHALL BE DONE IN A LEGAL MANNER AND FOLLOW THE SOIL EROSION CONTROL PLAN.
- ANY LOCATION OF CONCRETE WASHING OR EQUIPMENT WASHING OPERATIONS MUST BE APPROVED BY THE OWNER PRIOR TO COMPLETING SUCH ACTIVITIES.
- CONTRACTOR TO PERFORM DAILY HOUSEKEEPING ONSITE. CONTRACTOR SHALL SWEEP DAILY ANY TRACKING ONTO A SUITABLE AREA TO PREVENT FROM ENTERING THE DRAINAGE SYSTEM.
- ALL GRADING SHALL COMPLY WITH THE CURRENT AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES.
- IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY TO DOCUMENT EXISTING CONDITIONS OF SURROUNDING PROPERTIES AND TO MAINTAIN THE INTEGRITY OF THE SAME. ANY DAMAGE TO AND THE COST OF REPAIR OF UTILITIES, ROADWAYS, STRUCTURES AND SURROUNDING PROPERTY SHALL BE FULLY BORNE BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING POLICE PROTECTION. ALL TEMPORARY CONSTRUCTION SIGNS, BARRICADES AND LANE CLOSURES SHALL BE IN CONFORMANCE WITH THE LATEST "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD).
- THE CONTRACTOR SHALL USE POLICE OFFICERS TO DIRECT TRAFFIC AND FACILITATE PEDESTRIAN CROSSINGS AS REQUIRED WHEN WORK ZONES IMPACT VEHICULAR TRAFFIC AND PEDESTRIAN ROUTES.
- THE CONTRACTOR SHALL LOAM AND SEED ALL DISTURBED AREAS.
- EXISTING CONDITIONS AND PROPERTY LINE INFORMATION (CLASS 1 SURVEY) OBTAINED FROM PLAN ENTITLED "SURVEY PLAN" DATED 11/19/19, PREPARED BY OCEAN STATE PLANNERS, INC., RICHARD T. BZDYRA, PLS; LICENSE #1786; COA # LS-A60.
- ALL CATCH BASINS SHALL HAVE A 4' SUMP.
- ALL WORK WITHIN THE STATE RIGHT OF WAY SHALL CONFORM WITH THE APPROVED DEPARTMENT OF TRANSPORTATION PHYSICAL ALTERATION PERMIT.

**UTILITY NOTES**

- ALL EXISTING UTILITIES ARE FROM VISIBLE INFORMATION, DRAWINGS FROM OTHERS, OR INFORMATION PROVIDED. ALL ELEVATIONS AND LOCATIONS ARE APPROXIMATE ONLY AND SHOULD BE FIELD VERIFIED BY THE CONTRACTOR AND DIGSAFE. THE CONTRACTOR SHALL COORDINATE ALL UTILITIES WITH THE APPROPRIATE UTILITY COMPANIES.
- THE CONTRACTOR SHALL CONTACT ALL THE UTILITY COMPANIES, THE MUNICIPAL PUBLIC WORKS DEPARTMENT, FIRE DEPARTMENT AND THE DEPARTMENT OF TRANSPORTATION FOR VERIFICATION OF APPROVED LOCATIONS SHOWN HEREON PRIOR TO THE START OF CONSTRUCTION. IF ANY DISCREPANCIES ARE NOTED, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY FOR A RESOLUTION.
- THE CONTRACTOR SHALL OBTAIN THE REQUIRED INSPECTION SCHEDULE OF THE MUNICIPALITY, UTILITY COMPANIES AND ALL OTHER REQUIRED PARTIES AND SHALL STRICTLY ADHERE TO THOSE REQUIREMENTS.
- LOCATIONS AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY, LOCATE AND PROTECT EXISTING UTILITIES IN THE FIELD WHETHER OR NOT SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES IN ADDITION TO CONTACTING DIG SAFE AT 811 OR 888-DIG-SAFE (888-344-7233) AT LEAST 72 BUSINESS HOURS (3 BUSINESS DAYS) PRIOR TO ANY EXCAVATION AS DEFINED BY RI STATE LAW 39-1.2-1. THIS DOES NOT INCLUDE WEEKENDS AND LEGAL HOLIDAYS. ONCE NOTIFIED, DIG SAFE WILL CONTACT MEMBER UTILITIES TO COME TO THE SITE AND MARK UNDERGROUND UTILITY WIRES, CABLES AND PIPELINES.
- DIG SAFE MEMBER UTILITY COMPANIES ARE RESPONSIBLE TO MARK ONLY THE FACILITIES THAT THEY OWN OR MAINTAIN. NON DIG SAFE MEMBER COMPANIES ARE NOT NOTIFIED BY DIG SAFE. NON-MEMBER UTILITIES MAY NOT BE OWNED OR MAINTAINED BY MEMBER UTILITY COMPANIES; THEREFORE THEY ARE UNABLE TO LOCATE THEM. IT IS YOUR RESPONSIBILITY TO INVESTIGATE IF ANY PRIVATELY OWNED OR NON DIG SAFE MEMBER UTILITIES ARE IN THE AREA.

**ZONING SETBACK**

IN ACCORDANCE WITH WEST WARWICK ZONING ORDINANCE - APPENDIX A, SECTION 5 - USE REGULATIONS, SUBSECTION 5.7 - SUPPLEMENTAL DIMENSIONAL REGULATIONS, ITEM 5.7.5.7 REQUIRED FRONT YARDS IN DEVELOPED BLOCK. IN A BLOCK IN WHICH 25 PERCENT OR MORE OF THE FRONTAGE WITHIN 200 FEET OF A LOT AND ON THE SAME SIDE OF THE STREET IS DEVELOPED WITH STRUCTURES, THE REQUIRED FRONT YARD FOR A STRUCTURE HEREAFTER ERECTED ON THAT LOT SHALL EXTEND TO AVERAGE ALIGNMENT OF THE TWO NEAREST EXISTING STRUCTURES INSTEAD OF THE MINIMUM IN THE DISTRICT. NO RESIDENCE SHALL HAVE A FRONT YARD OF LESS THAN FIVE FEET IN DEPTH OR BE REQUIRED TO HAVE A FRONT YARD OF GREATER DEPTH THAN REQUIRED BY THE DISTRICT.

**CA**

RA CATALDO & ASSOCIATES INC.  
CIVIL ENGINEERS  
LAND SURVEYORS

114 SMITHFIELD AVENUE (401) 453-3300  
PAWTUCKET, RI 02860 FAX: (401) 453-4117  
ca@catdoeng.com

Project:

**PROPOSED MINI STORAGE**

**AP 18 LOTS 63 & 64**

**62 E. MAIN ST.**  
**WEST WARWICK, RI**

Prepared For:

**LACROIX PROPERTIES**

**20 FACTORY ST.**  
**WEST WARWICK, RI**  
**02893**

**RONALD W. CATALDO**

No. 7140

REGISTERED PROFESSIONAL ENGINEER (CIVIL)

Issue Date: 1/2/2020

Revisions	
No.	Description
1	4/6/21 ADDED SETBACKS
2	4/14/21 MARKED PARKING
3	6/14/21 ADDED SETBACK NOTE
4	3/8/22 RIDEM PERMIT MODIFICATION

Project Number: 3205-01

Scale: 1"=20'

Designed By: GAP

Drawn By: GAP Checked By: RWC

Sheet Title:

**GRADING, DRAINAGE, AND EROSION CONTROL PLAN**

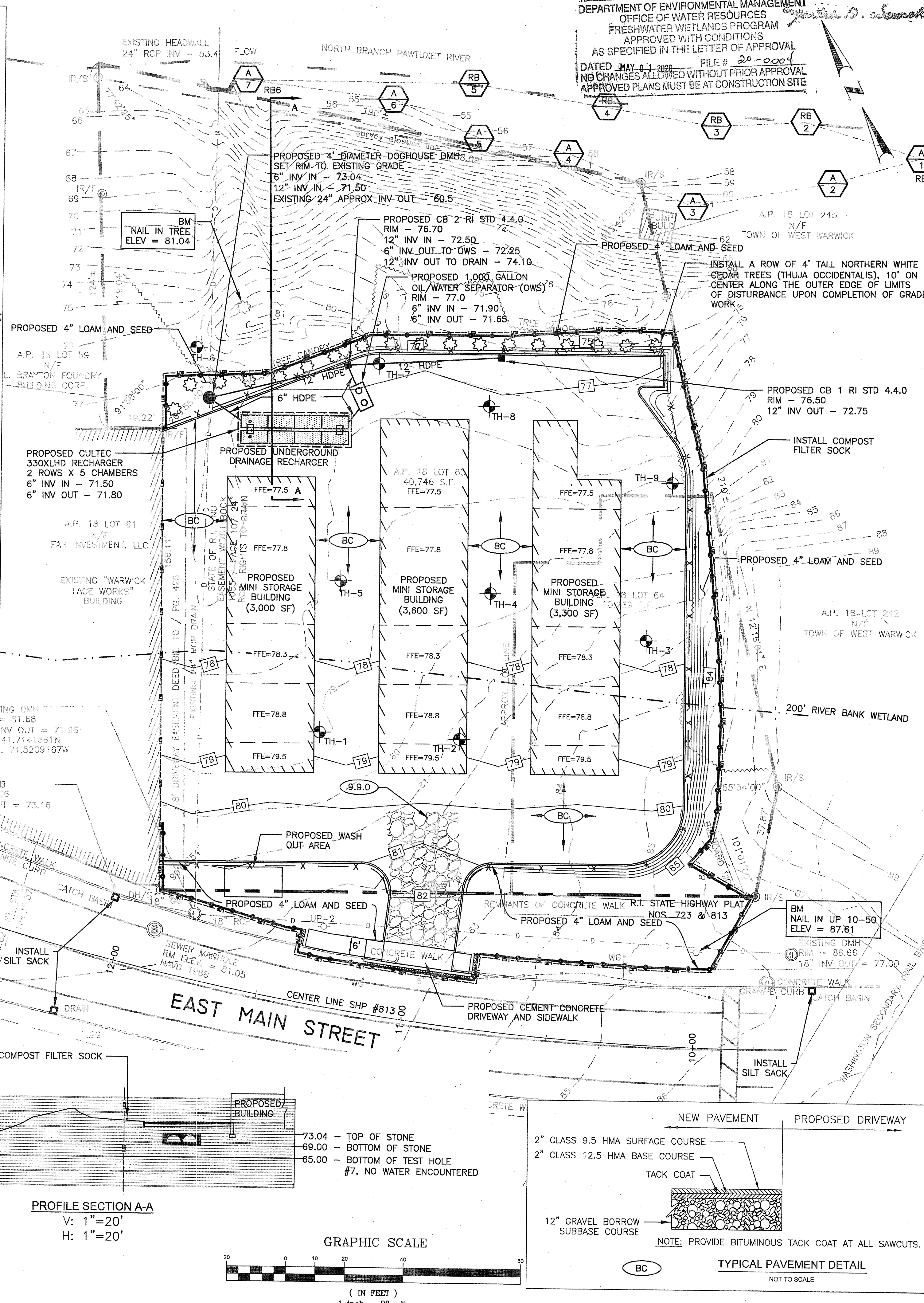
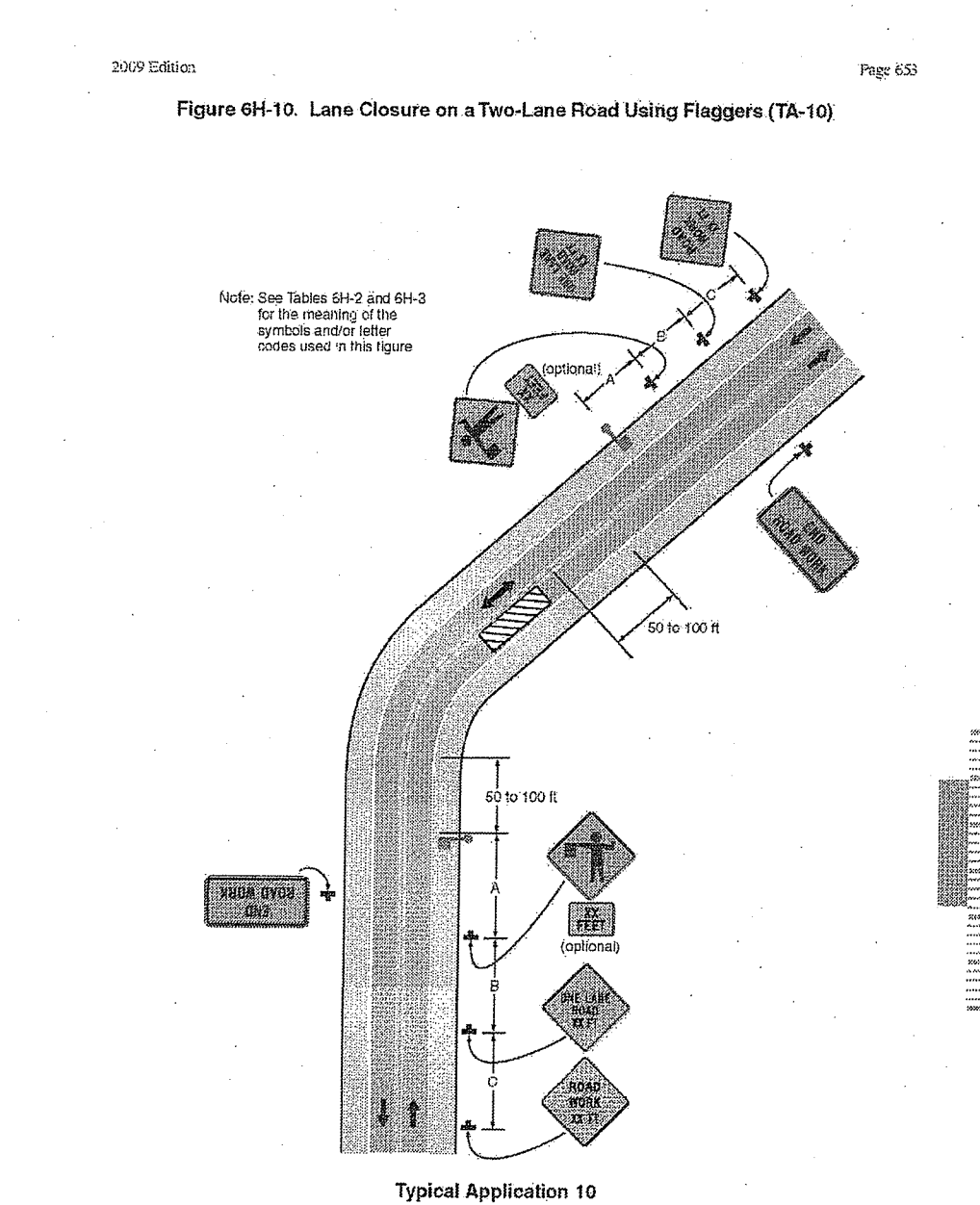
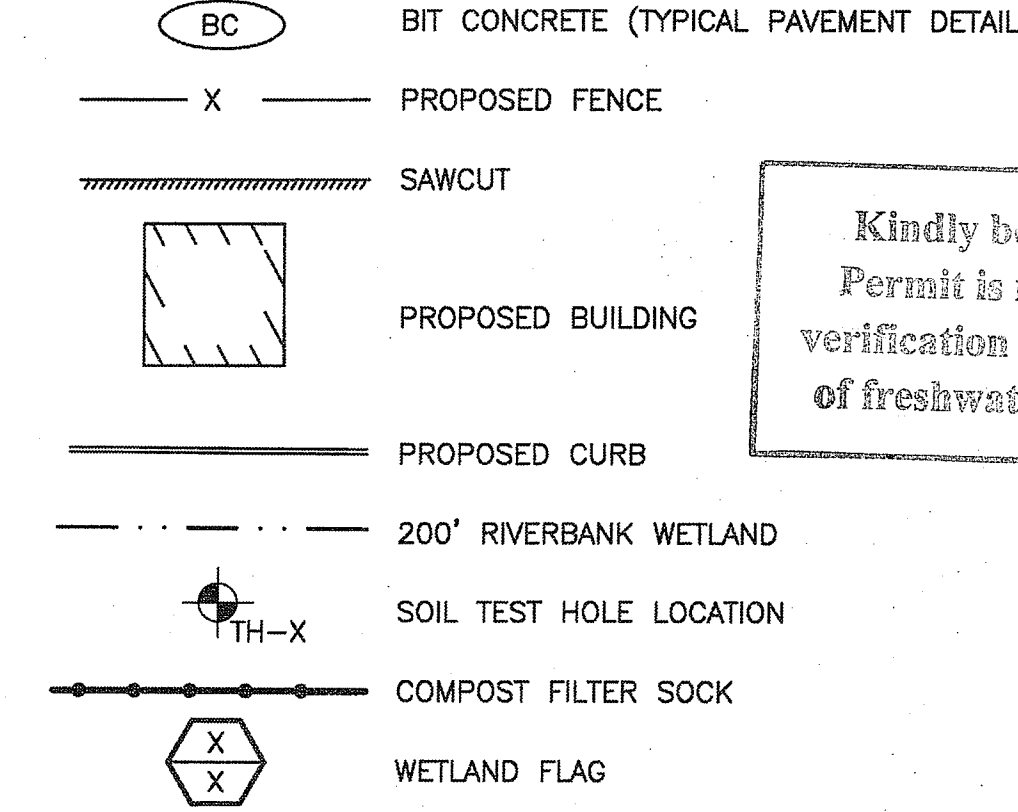
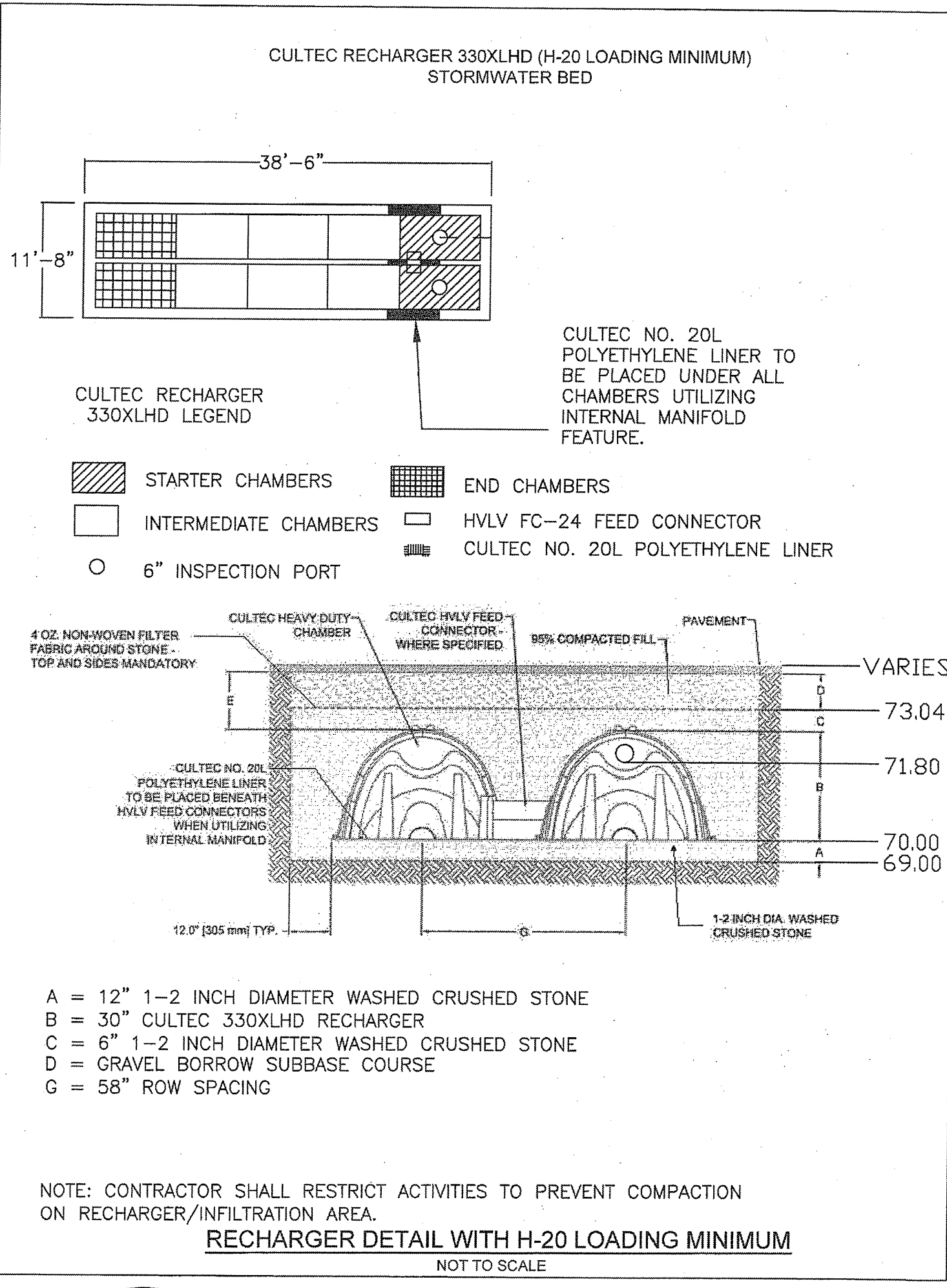
**C-3**

Sheet Number: 3 of 5

**RIDEM SUBMISSION**







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RONALD W. CATALDO  
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**C-3**

Sheet Number: 3 of 5  
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