

GENERAL NOTES:

- THE PLANS DO NOT DEPICT ALL UNDERGROUND UTILITY SYSTEMS. THE OWNER/CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING DRAINAGE AND UTILITIES, BOTH UNDERGROUND AND OVERHEAD, WITHIN THE WORK AREA BEFORE EXCAVATION BEGINS IN ACCORDANCE WITH "DIG SAFE PROGRAM LAW" ENACTED BY THE R.I. LEGISLATURE AND BY CONTACTING THE INDIVIDUAL UTILITY COMPANIES. EXCAVATION SHALL BE IN ACCORDANCE WITH ALL STATUTES, ORDINANCES, RULES AND REGULATIONS OF ANY CITY, STATE OR FEDERAL AGENCY THAT MAY APPLY. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- FOR PERFORMANCE OF THE WORK THE CONTRACTOR SHALL REFERENCE THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION, WITH LATEST REVISIONS UNLESS OTHERWISE SHOWN ON PLANS. THE "METHOD OF MEASUREMENT" AND "BASIS OF PAYMENT" WITHIN THE R.I.D.O.T. SPECIFICATIONS ARE NOT APPLICABLE. THESE SPECIFICATIONS CAN BE OBTAINED ON-LINE AT:
[HTTP://WWW.DOT.STATE.RI.US/ENGINEERING/STANDARDS/INDEX.ASP](http://www.dot.state.ri.us/engineering/standards/index.asp)
- FOR ALL EXCAVATION AND PLACEMENT OF FILL, THE CONTRACTOR SHALL PERFORM THE WORK IN FULL COMPLIANCE WITH THE R.I. STANDARD SPECIFICATION SECTION 202.
- RHODE ISLAND STANDARDS REFERENCED ARE ACCORDING TO THE STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS "RHODE ISLAND STANDARD DETAILS" DATED JUNE 27, 2008, WITH ALL REVISIONS AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR MUST VERIFY PRIOR TO CONSTRUCTION THAT ALL REQUIRED AUTHORIZATION TO PERFORM WORK HAS BEEN OBTAINED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION OPERATIONS INCLUDING ALL ACTIONS OR OMISSIONS OF ANY SUBCONTRACTORS, AGENTS OR EMPLOYEES. THE CONTRACTOR MUST ENSURE THAT THE CONDITIONS OF ALL PERMITS, SPECIFICATIONS AND FEDERAL, STATE AND LOCAL REGULATIONS ARE STRICTLY ENFORCED. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ASPECTS OF ON-SITE SAFETY INCLUDING ANY DAMAGE TO EXISTING STRUCTURES.
- WORK SHOWN ON THE PLANS FOR WHICH THERE ARE NO PARTICULAR DETAILS OR SPECIFICATIONS DOES NOT RELIEVE THE CONTRACTOR FROM FURNISHING AND INSTALLING THE WORK. THE CONTRACTOR SHALL THOROUGHLY EXAMINE THE CONTRACT DOCUMENTS AND PLANS AND INSPECT THE SITE. THE BID PRICE SHALL INCLUDE ALL LABOR, INCIDENTALS, TOOLS EQUIPMENT, TESTING, SERVICES AND MATERIALS NECESSARY TO COMPLETE THE PROJECT. ANY CHANGES TO THE PROJECT OR THE INSTALLATION OF AN ITEM FOR WHICH NO PARTICULAR DETAIL OR SPECIFICATION WAS PROVIDED MUST BE REVIEWED BY AND MUST BE ACCEPTABLE TO THE ENGINEER AND OWNER.
- CONTRACTOR IS RESPONSIBLE TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO ANY WORK.
- IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO REVIEW ALL DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT PRIOR TO THE INITIATION OF WORK. SHOULD THE OWNER/CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS, RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE OWNER/CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE OWNER/CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.
- ALL DISTURBED AREAS SHALL BE REPLACED IN KIND UNLESS OTHERWISE SHOWN.
- WHEN INSTALLING NEW PAVEMENT STRUCTURE IN EXISTING GRASS/LANDSCAPE AREAS, THE CONTRACTOR SHALL REMOVE LOAM, SUBSOIL, ROCKS AND ORGANIC SOILS. GRAVEL BORROW SUBBASE SHALL BE USED TO FILL VOIDS OF EXCAVATION AS REQUIRED FOR PAVEMENT GRADES TO MATCH PROPOSED CONDITIONS.

LAYOUT NOTE:

THE LAYOUT SHOWN REPRESENTS A GRAPHICAL DESIGN. PRIOR TO CONSTRUCTION, CROSSMAN ENGINEERING RECOMMENDS THE OWNER/CONTRACTOR ENGAGE A PROFESSIONAL LAND SURVEYOR (PLS) REGISTERED IN THE STATE TO SET AND VERIFY ALL LINES AND GRADES. ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS WITHIN THE WORK AREA ARE TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY ITEM FOUND WHICH DOES NOT MATCH THE PLANS MUST BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO CONSTRUCTION FOR REVIEW.

DRAINAGE NOTE:

PROJECT-WIDE, CONTRACTOR IS RESPONSIBLE FOR FINE GRADING AND PAVEMENT SURFACE ELEVATIONS, INCLUDING OVERLAY AND NEW PAVEMENT AREAS, IN A MANNER WHICH ALLOWS FOR SURFACE RUNOFF TO DRAIN FREELY AND PREVENTS PONDING OR PUDDLING ON PAVEMENT SURFACES.

STORMWATER MANAGEMENT SYSTEM OPERATION AND MAINTENANCE:

THE PROPERTY OWNER/OPERATOR OR ITS REPRESENTATIVE SHALL ADHERE TO THE FOLLOWING MAINTENANCE RECOMMENDATIONS.

CURRENT OWNER/OPERATOR:
DOUGLAS RIGGS
55 PEGWIN DRIVE
EAST GREENWICH, RI 02818
tel.: 401-527-2700

INFILTRATION SYSTEM (TRENCH)

- DEBRIS CLEANOUT (ANNUAL)
 - TRENCH/CHAMBER OR BASIN SURFACE CLEAR OF DEBRIS
 - OVERFLOW SPILLWAY CLEAR OF DEBRIS
 - INLET AREA CLEAR OF DEBRIS
- DEWATERING (ANNUAL)
 - VERIFY TRENCH/CHAMBER OR BASIN DEWATERS
 - BETWEEN STORMS BY USING THE OBSERVATION WELL.
- SEDIMENT CLEANOUT OF TRENCH/CHAMBER OR BASIN (ANNUAL)
 - NO EVIDENCE OF SEDIMENTATION IN TRENCH/CHAMBER OR BASIN.
 - SEDIMENT ACCUMULATION DOESN'T YET REQUIRE CLEANOUT OR REPLACEMENT OF CRUSHED STONE.
- INLETS (ANNUAL)
 - GOOD CONDITION.
 - NO EVIDENCE OF EROSION.
- OUTLET/OVERFLOW SPILLWAY (ANNUAL)
 - GOOD CONDITION, NO NEED FOR REPAIR.
 - NO EVIDENCE OF EROSION.
- AGGREGATE REPAIRS (ANNUAL)
 - SURFACE OF AGGREGATE CLEAN.
 - TOP LAYER OF STONE DOES NOT NEED REPLACEMENT.
 - TRENCH/CHAMBER OR BASIN DOES NOT NEED REHABILITATION.

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 CONSTRUCTION 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 DEVICES SHALL BE IN PLACE PRIOR TO THE START OF WORK IN ANY AREA OPEN TO TRAFFIC.
- THE PRIVATE VEHICLES OF CONSTRUCTION WORKERS WILL NOT BE PARKED IN ANY ROADWAY RIGHT-OF-WAY.
- ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONTROL SETUPS, SIGNS, CHANNELING DEVICES, ETC., SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 EDITION, WITH REVISIONS 1 AND 2.
- SIGN MOUNTINGS SHALL BE IN ACCORDANCE WITH THE STATE D.O.T. SPECIFICATIONS FOR TEMPORARY CONSTRUCTION SIGNS.

ENVIRONMENTAL NOTES:

- THE WATERSHED ID AND BASIN NAME IS IDENTIFIED AS 010900040903 GREENWICH BAY. (SOURCE: RIDEM)
- THE SURFACE WATER ID NAME IS IDENTIFIED AS NICHOLS RIVER RI0007025R-17, WB CLASS-B, WARM, NO IMPAIRMENTS. (SOURCE: RIDEM)
- THIS SITE IS NOT DESIGNATED AS A NATURAL RESOURCE HERITAGE SITE (SOURCE: RIDEM GIS)
- THE GROUNDWATER CLASSIFICATION IS GA (SOURCE: RIDEM)
- THE SITE IS NOT LOCATED WITHIN A WELLHEAD PROTECTION AREA. (SOURCE: RIDEM GIS)

FLOOD ZONE NOTE:

THE SITE IS PARTIALLY LOCATED IN ZONE A, SPECIAL FLOOD HAZARD AREA SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD, NO BASE FLOOD ELEVATIONS DETERMINED, AS SHOWN ON THE FLOOD INSURANCE RATE MAP, KENT COUNTY, RHODE ISLAND (ALL JURISDICTIONS), PANEL 136 OF 251, MAP NUMBER 44003C0136G, EFFECTIVE DATE DECEMBER 3, 2010.

EXISTING	LEGEND	PROPOSED
	PROPERTY LINE	
	EASEMENT LINE	
	CURB	
	UTILITY POLE	
	LIGHT POLE	
	DRAIN LINE	
	ROOF DRAIN	
	SANITARY SEWER	
	GAS LINE	
	WATER SERVICE	
	OVERHEAD WIRES	
	TELEPHONE CONDUIT	
	UNDERGROUND ELEC/TELE/CABLE/FIRE CONDUIT	
	ELECTRIC POWER CONDUIT	
	DRAINAGE MANHOLE	
	CATCH BASIN	
	SEWER MANHOLE	
	ELECTRIC MANHOLE	
	TELEPHONE MANHOLE	
	HYDRANT	
	WATER GATE	
	GAS GATE	
	CLEAN-OUT TO GRADE	
	CONTOURS	
	SPOT GRADES	
	CHAIN LINK FENCE	
	STOCKADE FENCE	
	RETAINING WALL	
	STONE WALL	
	GRADE TO DRAIN	
	GUARDRAIL	
	TREE LINE	
	TREE	
	BOLLARDS	
	BUILDING/STRUCTURE	
	SILT FENCE	
	LIMIT OF DISTURBANCE	



Crossman Engineering
Rhode Island: 151 Centerville Road, Warwick, RI 02886
Massachusetts: 103 Commonwealth Avenue, North Attleboro, MA 02763
Phone: (401) 738-5860
Email: cel@crossmaneng.com

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PROJECT TITLE:
RESIDENTIAL DWELLING ADDITIONS
PLAT 10-F LOT 179
55 PEGWIN DRIVE
EAST GREENWICH, RHODE ISLAND

PREPARED FOR:
DOUGLAS RIGGS
55 PEGWIN DRIVE
EAST GREENWICH, RI 02818

DRAWING TITLE:
GENERAL NOTES AND LEGEND

DATE: MAY 2015 SCALE: NO SCALE

DWG. NAME: 2074-02-NOTE_R1.dwg

REVISIONS	NUMBER	REMARKS	DATE
△	1	RIDEM COMMENTS	06/24/15

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 25 2015 FILE # 15-0022
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Michael D. Womack
Environmental Management
JUN 25 2015

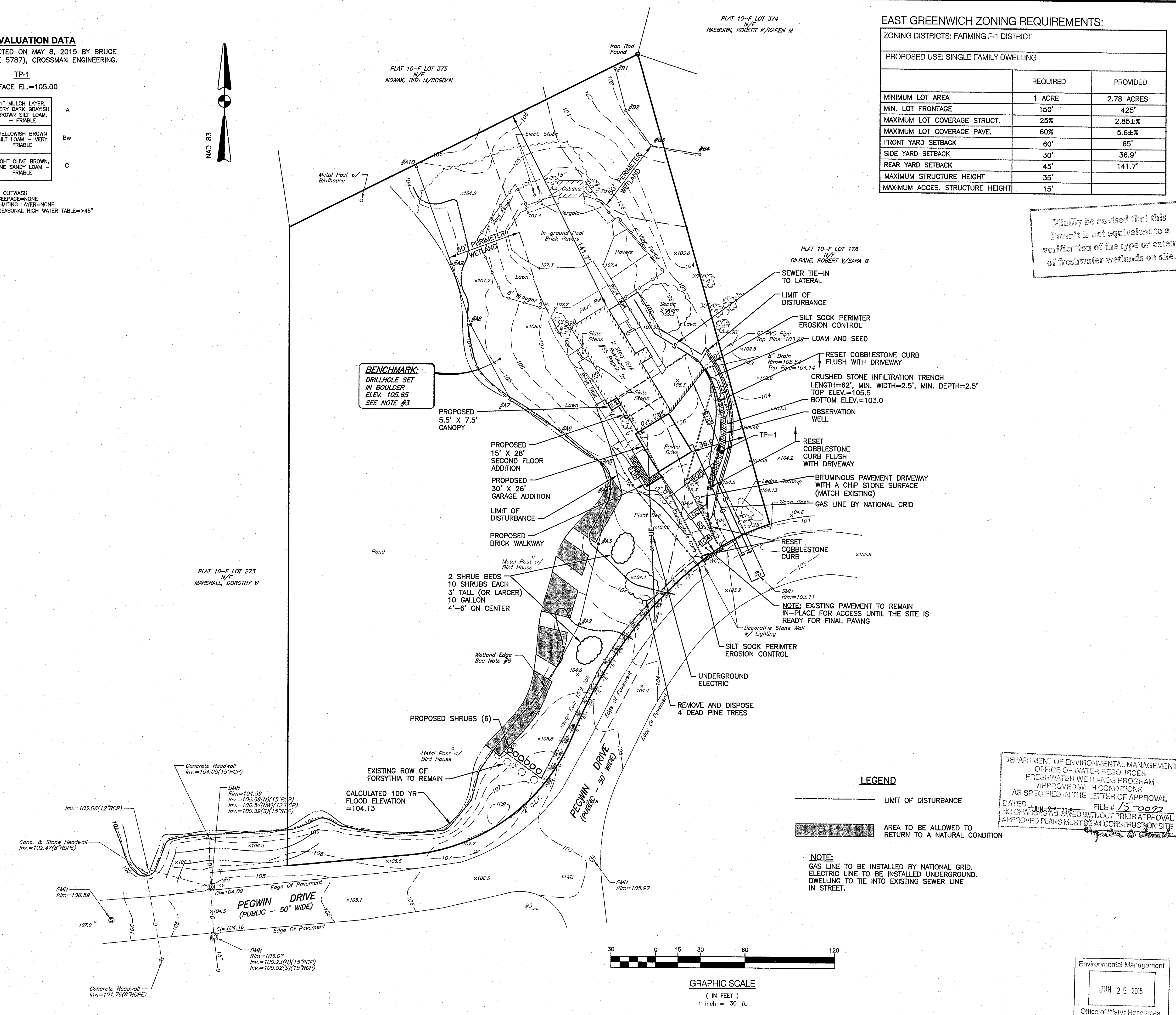
DRAWING NUMBER: **C1**
SHEET: 2 OF 4

SOIL EVALUATION DATA
TEST PIT CONDUCTED ON MAY 8, 2015 BY BRUCE HAGERMAN (RI PE 5787), CROSSMAN ENGINEERING.

TP-1
SURFACE EL.=105.00

0"	1" MULCH LAYER, VERY DARK GRAYISH BROWN SILT LOAM, - FRIABLE	A
8"	YELLOWISH BROWN SILT LOAM - VERY FRIABLE	Bw
26"	LIGHT OLIVE BROWN, FINE SANDY LOAM - FRIABLE	C
48"		

SOIL CLASS: OUTWASH
DEPTH TO SEEPAGE=NONE
DEPTH TO LIMITING LAYER=NONE
ESTIMATED SEASONAL HIGH WATER TABLE=>48"



EAST GREENWICH ZONING REQUIREMENTS:

ZONING DISTRICTS: FARMING F-1 DISTRICT		
PROPOSED USE: SINGLE FAMILY DWELLING		
	REQUIRED	PROVIDED
MINIMUM LOT AREA	1 ACRE	2.78 ACRES
MIN. LOT FRONTAGE	150'	425'
MAXIMUM LOT COVERAGE STRUCT.	25%	2.85±%
MAXIMUM LOT COVERAGE PAVE.	60%	5.6±%
FRONT YARD SETBACK	60'	65'
SIDE YARD SETBACK	30'	36.9'
REAR YARD SETBACK	45'	141.7'
MAXIMUM STRUCTURE HEIGHT	35'	
MAXIMUM ACCES. STRUCTURE HEIGHT	15'	

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

CROSSMAN ENGINEERING
Rhode Island: 151 Centerville Road, Warwick, RI 02886, Phone: (401) 738-8660, Email: ce@crossmaneng.com
Massachusetts: 103 Commonwealth Avenue, North Attleboro, MA 02763, Phone: (508) 695-1700

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PROJECT TITLE:
RESIDENTIAL DWELLING ADDITIONS
PLAT 10-F LOT 179
55 PEGWIN DRIVE
EAST GREENWICH, RHODE ISLAND

PREPARED FOR:
DOUGLAS RIGGS
55 PEGWIN DRIVE
EAST GREENWICH, RI 02818

DRAWING TITLE:
SITE PLAN

DATE: MAY 2015 SCALE: 1" = 30'
DWG. NAME: 2074-03-SITE_R1.dwg

REVISIONS

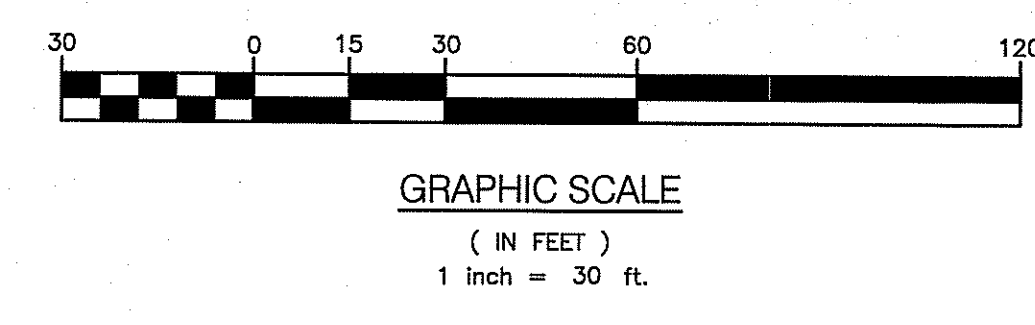
NUMBER	REMARKS	DATE
1	RIDEM COMMENTS	06/24/15

DRAWING NUMBER:
C2
SHEET: 3 OF 4

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 25 2015 FILE # 15-0092
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

LEGEND
--- LIMIT OF DISTURBANCE
[Hatched Area] AREA TO BE ALLOWED TO RETURN TO A NATURAL CONDITION

NOTE:
GAS LINE TO BE INSTALLED BY NATIONAL GRID.
ELECTRIC LINE TO BE INSTALLED UNDERGROUND.
DWELLING TO TIE INTO EXISTING SEWER LINE IN STREET.



Environmental Management
JUN 25 2015
Office of Water Resources

NOTES

- CONTRACTOR SHALL INSTALL TEMPORARY MEASURES SUCH AS; FIBER MATTING, CRUSHED STONE, HAY OR STRAW IN AREAS WHERE SLOPES OR STABILIZATION HAS FAILED.
- THE PROPOSED INFILTRATION TRENCH SHALL NOT BE USED AS A SEDIMENT TRAP DURING CONSTRUCTION AND THE CONTRACTOR SHALL NOT DIRECT STORMWATER TO THE INFILTRATION TRENCH UNTIL AREAS DRAINING TO THE BASIN ARE STABILIZED.
- SILT SOCK SHALL BE INSTALLED AROUND THE PERIMETER OF THE AREA TO BE DISTURBED BY CONSTRUCTION. ADDITIONAL APPLICATIONS OF THESE CONTROLS MEASURES MAY BE REQUIRED DURING THE CONSTRUCTION PROCESS. THE CONTRACTOR SHALL INSPECT THE SITE AT A MINIMUM OF ONCE PER WEEK OR WITHIN 24 HOURS AFTER A STORM EVENT.
- IF EROSION OR EROSION TENDENCIES ARE APPARENT ON THE SITE, THE CONTRACTOR IS RESPONSIBLE TO INSTALL ADDITIONAL CONSTRUCTION BMP'S SUCH AS SAND BAGS AS DIRECTED BY THE TOWN, STATE OR ENGINEER DURING CONSTRUCTION.
- IF SEDIMENT OR DEBRIS IS TRACKED ONTO PEGWIN DRIVE OR ADJACENT ROADWAYS, THE CONTRACTOR IS REQUIRED TO SWEEP THE PAVEMENT ON A DAILY BASIS.
- THE CONTRACTOR IS RESPONSIBLE TO KEEP THE SITE CLEAN OF TRASH. RECOMMENDED DAILY PATROL OF THE CONSTRUCTION SHOULD BE CONDUCTED TO PICK-UP TRASH. THE OPERATOR SHALL REQUIRE THE CONTRACTOR TO HAVE PORTABLE SANITARY FACILITIES ON SITE. ROUTINE CLEANING AND WASTE DISPOSAL OF THESE PORTABLE SANITARY FACILITIES IS REQUIRED.

CONSTRUCTION NOTES

THE PROPOSED VEGETATIVE AND STRUCTURAL PRACTICES TO BE IMPLEMENTED DURING CONSTRUCTION ARE DESCRIBED AND ILLUSTRATED WITHIN THE ACCOMPANYING SITE PLANS. IN ADDITION, THE OPERATOR SHOULD INITIATE APPROPRIATE STABILIZATION PRACTICES ON ALL DISTURBED AREAS AS SOON AS POSSIBLE BUT NOT MORE THAN FOURTEEN (14) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS TEMPORARILY OR PERMANENTLY CEASED, UNLESS THE ACTIVITY IS TO RESUME WITHIN TWENTY-ONE (21) DAYS. IF BUILDING CONSTRUCTION CANNOT BEGIN WITHIN TWENTY-ONE (21) DAYS OF COMPLETING SITE PREPARATION ACTIVITIES ALL DISTURBED AREAS SHALL BE STABILIZED WITH LOAM AND SEEDING.

ADDITIONAL CONTROLS

- ALL TYPES OF WASTE GENERATED AT THE SITE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
- THE CONTRACTOR IS REQUIRED TO NOTIFY LOCAL AUTHORITIES AND THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, OFFICE OF WASTE MANAGEMENT, OF ANY HAZARDOUS MATERIAL SPILL.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN THE SITE IN AN ORDERLY AND CLEAN STATE. ALL CONSTRUCTION WASTE SHALL BE STORED IN APPROPRIATE CONTAINERS PRIOR TO REMOVAL AND CONTACT WITH PRECIPITATION SHALL BE KEPT TO A MINIMUM.
- IN ADDITION, THE OPERATOR AND CONTRACTOR ARE REQUIRED TO INSPECT ALL EROSION CONTROLS ON THE SITE AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS AFTER A RAIN EVENT, WHICH GENERATES 0.25 INCHES OF RAIN IN A TWENTY-FOUR (24) HOUR PERIOD AND/OR AFTER A SIGNIFICANT AMOUNT OF RUNOFF.

SEQUENCE OF CONSTRUCTION

CONSTRUCTION ACTIVITIES WILL INCLUDE EARTHWORK, LEDGE REMOVAL IF REQUIRED, BUILDING CONSTRUCTION, DRAINAGE/UTILITY INSTALLATION AND EROSION AND SEDIMENT CONTROL INSTALLATION AND MAINTENANCE. IN GENERAL, THE SEQUENCE OF CONSTRUCTION WILL BE AS FOLLOWS:

- INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO ANY SOIL DISTURBANCE.
- EXISTING PAVED DRIVEWAYS TO BE USED FOR ACCESS. THE CONTRACTOR SHALL SWEEP THE DRIVEWAYS AND ADJACENT ROADWAY AREAS AS NECESSARY TO REMOVE SEDIMENT DEPOSITS.
- PRIOR TO CONSTRUCTION CLEARLY MARK AREAS TO BE LEFT UNDISTURBED.
- CLEARING OF TREES AND VEGETATION AS SHOWN ON THE SITE PLANS.
- TOP SOIL TO BE STRIPPED AND STOCKPILED.
- ESTABLISH EROSION CONTROLS AROUND STOCKPILES (SILT SOCK). COVER STOCKPILES THAT WILL REMAIN FOR LONGER THAN ONE MONTH.
- BUILDING RENOVATION AND CONSTRUCTION.
- INSTALL NEW DRAINAGE SYSTEM.
- REMOVE EXISTING PAVEMENT.
- INSTALL NEW PAVING AND WALKWAYS.
- ESTIMATED DURATION OF SOIL EXPOSURE JUNE 2015 TO NOVEMBER 2015.

STORMWATER MANAGEMENT SYSTEM CONSTRUCTION NOTES

- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL ROPE OFF PROPOSED INFILTRATION TRENCH LOCATION. CONSTRUCTION EQUIPMENT SHALL NOT BE ALLOWED ON AREAS INTENDED FOR INFILTRATION.
- THE INFILTRATION TRENCH SHALL NOT BE USED AS TEMPORARY SEDIMENT TRAPS FOR CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL USE LIGHT EARTH MOVING EQUIPMENT TO EXCAVATE INFILTRATION AREAS.

DUST CONTROL NOTES

ON AN AS-NEEDED BASIS OR AS DIRECTED BY THE TOWN OR OWNER, THE CONTRACTOR SHALL UTILIZE ONE OF THE FOLLOWING METHODS (AS RECOMMENDED BY THE "R.I. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK") TO CONTROL DUST:

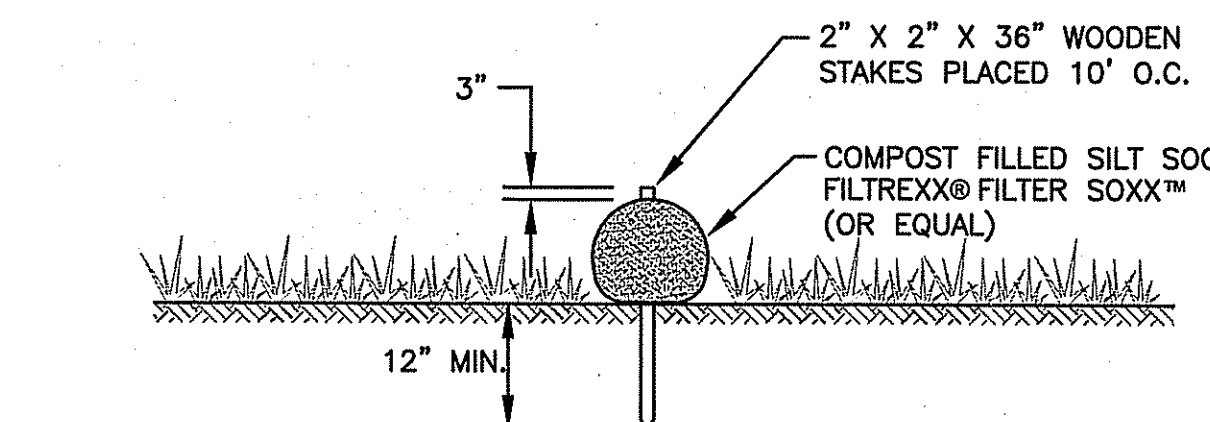
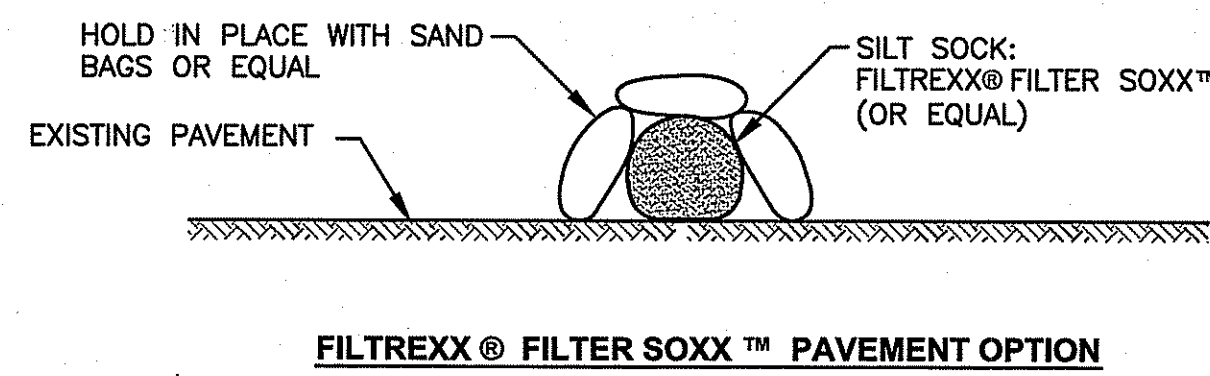
- THE EXPOSED SOIL SURFACE SHOULD BE MOISTENED PERIODICALLY WITH ADEQUATE WATER TO CONTROL DUST.
 - CALCIUM CHLORIDE SHOULD BE EITHER LOOSE DRY GRANULES OR FLAKES FINE ENOUGH TO FEED THROUGH A SPREADER AT A RATE THAT WILL KEEP SURFACE MOIST BUT NOT CAUSE POLLUTION OR PLANT DAMAGE.
- THE METHODS SHOULD BE REPEATED AS NEEDED, AND SPECIAL ATTENTION MUST BE GIVEN TO THE ACCESS DRIVES.

INSPECTION/MAINTENANCE NOTES

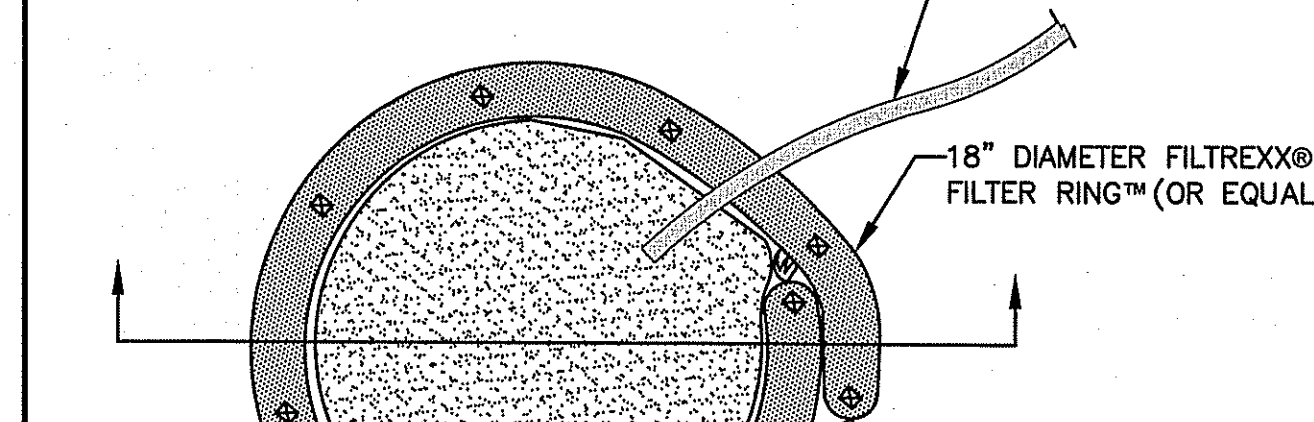
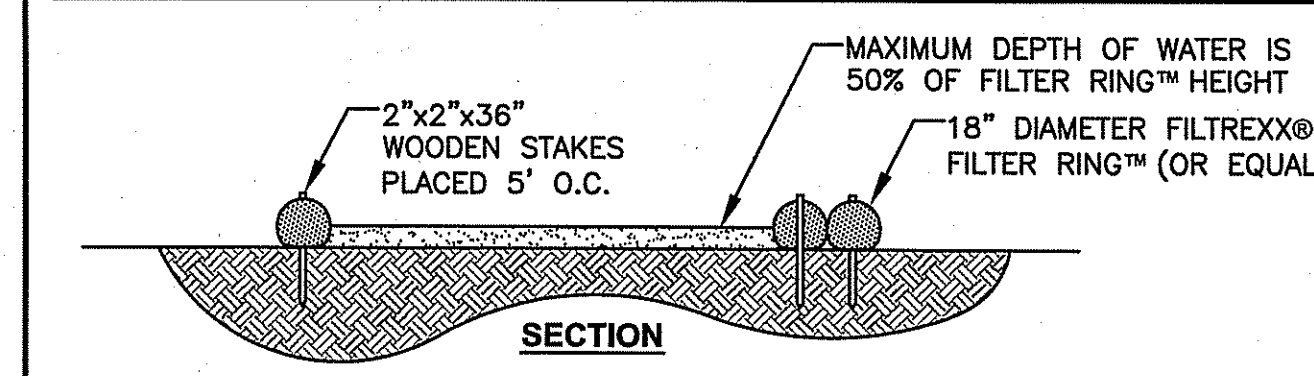
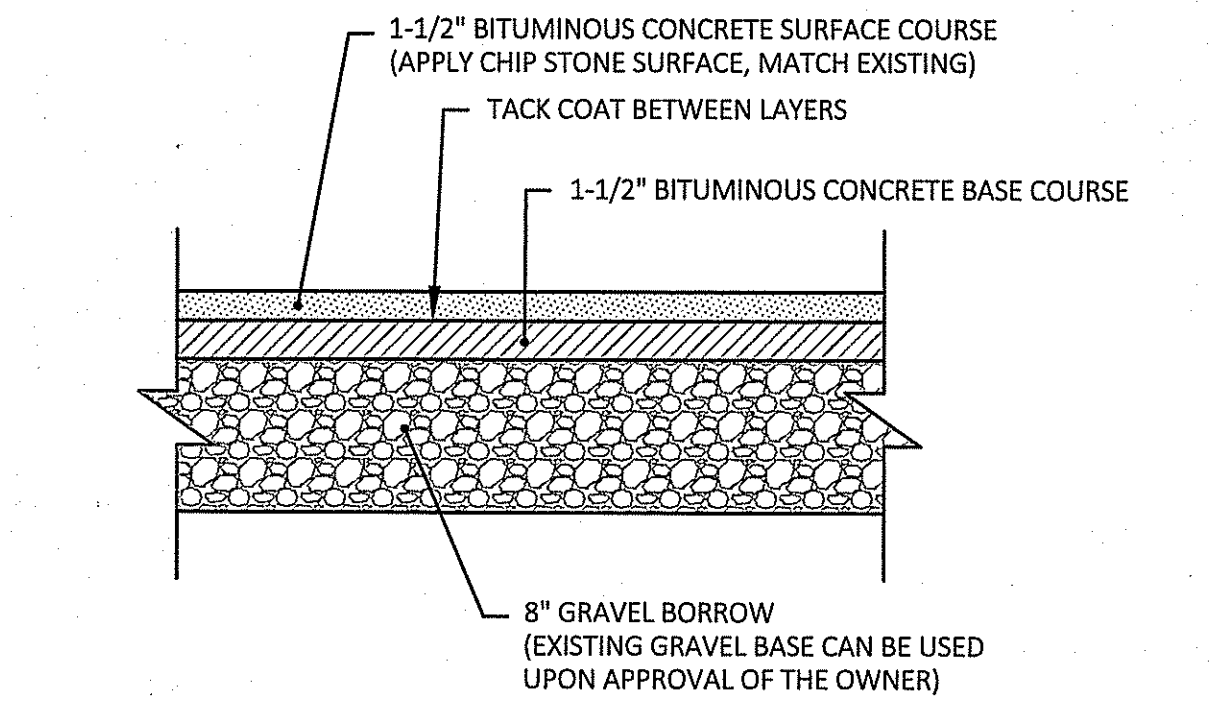
- PRIOR TO COMMENCING CLEARING AND GRUBBING OPERATIONS, SILT SOCK SHALL BE PLACED SO AS TO PREVENT SEDIMENT FROM ENTERING EXISTING ROADWAY DRAINAGE SYSTEM AND ADJUTING PROPERTIES.
- EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM ENTERING THE WETLAND OR ROADWAY DRAINAGE SYSTEM.
- ALL DISTURBED AREAS WHICH BECOME SUBJECT TO EROSION TENDENCIES WHETHER THEY BE NEWLY FILLED OR EXCAVATED SHALL RECEIVE SLOPE PROTECTION - SUCH AS RIP-RAP, OR APPROVED EQUAL.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING PERIODS OF RAINFALL.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MAINTENANCE AND SHALL INSPECT / REPLACE DAILY DURING CONSTRUCTION, FOLLOWING RAINFALL AND WEEKLY DURING NON CONSTRUCTION PERIODS.
- ADDITIONAL SILT SOCK OR SANDBAGS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER. EROSION CONTROL MAINTENANCE AND REPLACEMENT SHALL BE INCLUDED IN THE BASE BID PRICE.
- THE "R.I. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK" PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, 2014, MUST BE UTILIZED BY THE CONTRACTOR AS A GUIDE.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL DUST CONTROL AND FOR THE ENTIRE PROJECT DURATION, INCLUDING TEMPORARY SHUT-DOWN PERIODS, MUST MONITOR AND REPAIR, AS NEEDED, ALL SLOPES TO ENSURE A STABLE PRODUCT.

GENERAL PROJECT WIDE NOTES

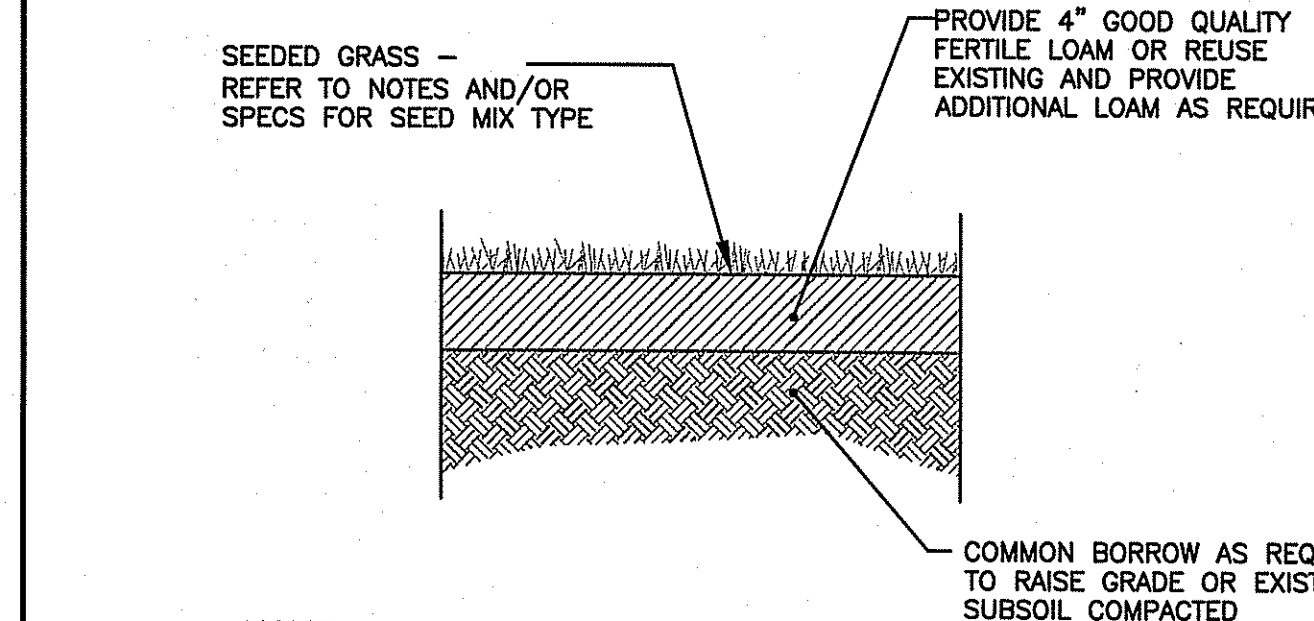
- SILT SOCK SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, MAINTAINED ON A REGULAR BASIS, AND SHALL BE PLACED TO PREVENT SEDIMENTATION ONTO ADJACENT PROPERTY AND WETLANDS.
- WHERE APPLICABLE THE CONTRACTOR MUST REPLACE AND/OR RESEED ANY VEGETATION THAT DOES NOT DEVELOPE/SURVIVE WITHIN THE PERIOD OF ONE YEAR AND HE SHALL DO SO AT NO ADDITIONAL EXPENSE TO OR THE OWNER.
- ALL SILT SOCK OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AREA IS STABILIZED WHICH INCLUDES ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED. SLOPES OF 2:1 OR 3:1 SHALL BE STABILIZED WITH FILTREXX VEGETATED COVER, AND OTHER AREAS SHALL BE STABILIZED WITH CRUSHED STONE OR LOAM AND SEED, AS APPROVED BY THE OWNER.
- TREES AND OTHER EXISTING VEGETATION SHALL BE RETAINED WHENEVER FEASIBLE; THE AREA BEYOND THE DRIPLINE SHALL BE FENCED OR ROPED OFF TO PROTECT TREES FROM CONSTRUCTION EQUIPMENT.
- AREAS DAMAGED DURING CONSTRUCTION SHALL BE STABILIZED, OR OTHERWISE RESTORED AT THE CONTRACTOR'S EXPENSE.
- UNLESS REFERENCED ON THE PLANS, STOCKPILES SHALL HAVE NO SLOPE STEEPER THAN 2:1 AND SHALL BE SURROUNDED BY STAKED FILTERSOXX.
- STOCKPILES EXPOSED FOR EXCESSIVE PERIODS SHALL RECEIVE TEMPORARY TREATMENT CONSISTING OF HAY, STRAW, FIBER MATTING OR APPROVED EQUAL.



- NOTE:**
- SILT FENCE MAY BE USED IN LIEU OF SILT SOCK.
 - CONTRACTOR IS RESPONSIBLE TO BECOME FAMILIAR WITH THE FILTREXX PRODUCTS (OR EQUAL) AND COORDINATE INSTALLATION SCHEDULES AND METHODS WITH THE ENGINEER PRIOR TO PLACEMENT.
 - ALL MATERIAL SHALL MEET FILTREXX SPECIFICATIONS.
 - COMPOST MATERIAL TO BE DISPERSED ON SITE OR DISPOSED AS DETERMINED BY ENGINEER.



- NOTES:**
- INSTALL ON FLAT GRADE FOR OPTIMUM PERFORMANCE.
 - FILTER RINGS MAY BE STACKED IN A PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT AND STABILITY.
 - FILTER RINGS MAY BE DIRECT SEEDED AT THE TIME OF INSTALLATION.
 - THIS TYPICAL INSTALLATION SHALL BE USED FOR DETWATERING OPERATIONS.
 - DEWATERING FILTER BAGS MAY BE USED IN LIEU OF THE FILTER RING.



NOTE:
THE CONTRACTOR WILL BE RESPONSIBLE FOR WATERING LAWN DURING THE COURSE OF THE GROWING SEASON FOR A PERIOD OF ONE (1) YEAR.

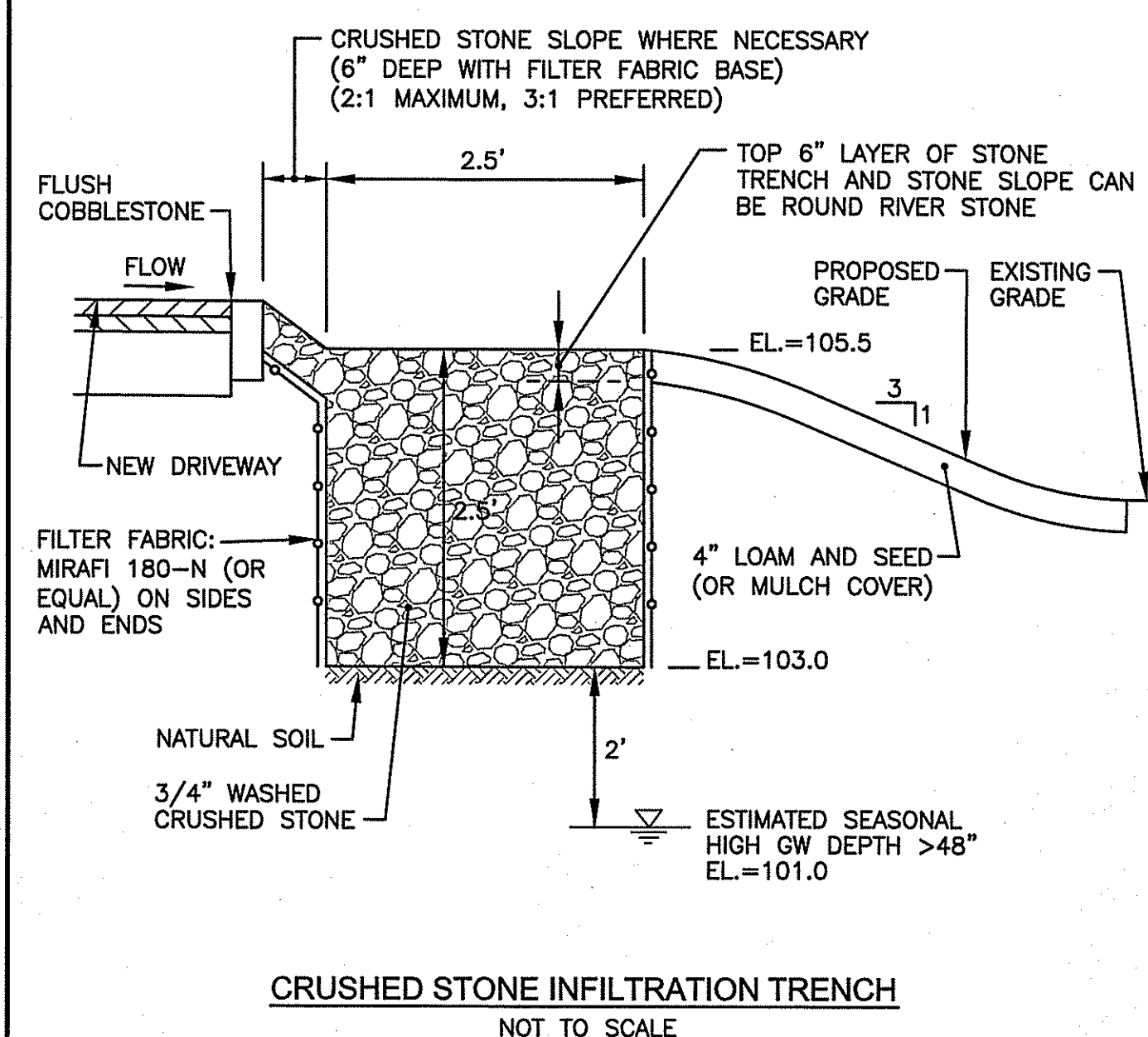
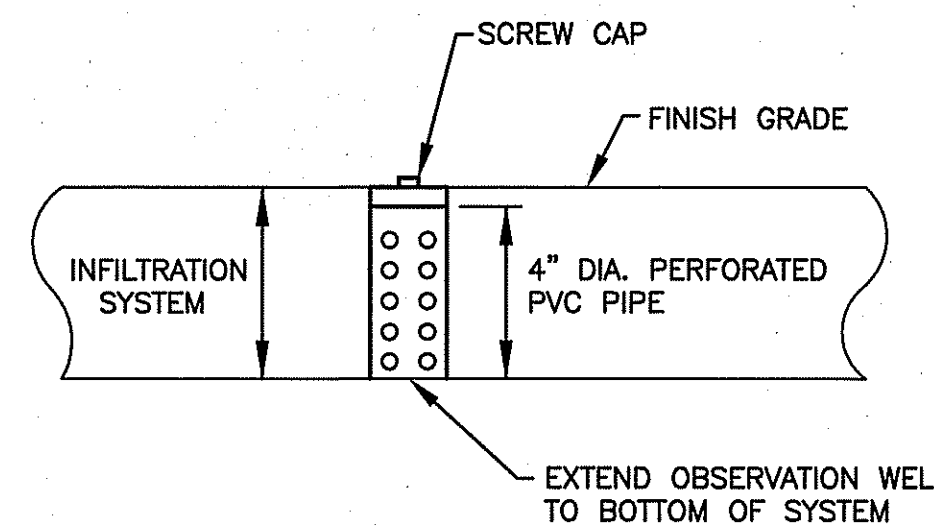
SEED MIX
(MOWED AREAS-ENDOPHYTE ENHANCED MIX BY ALLEN'S SEED STORE, EXTRE, RI OR EQUIVALENT)

TYPE	% BY WEIGHT
IMPROVED PERENNIAL RYE	30
TURF TYPE TALL FESCUE	30
CHEWING FESCUE	30
KENTUCKY BLUE GRASS 98/85	10

APPLICATION RATE = 200 lbs. / ACRE

SEEDING NOTES

- LOAM SHALL BE SPREAD TO A MINIMUM DEPTH OF 4" OVER ALL AREAS DESIGNATED ON PLANS.
- SHAPE AND SMOOTH THE SURFACE TO THE LINES AND GRADES AS SHOWN ON PLANS.
- FERTILIZE WITH 10-10-10 OR EQUIVALENT ANALYSIS. AT LEAST 40% OF THE FERTILIZER NITROGEN SHALL BE IN A SLOW RELEASE FORM. INCORPORATE THE FERTILIZER INTO THE TOP 3 TO 4 INCHES OF THE PLANTING SOIL. APPLY AT THE RATE OF 8 POUNDS PER 1,000 SQUARE FEET AT SEEDING.
- LIME: SPREAD EVENLY AND WORK INTO THE SOIL DURING PREPARATION OF SEED BED AT THE RATE OF ONE TON PER ACRE. INCORPORATE INTO THE SOIL BY DICING OR OTHER APPROVED METHOD. DISTRIBUTE LIME UNIFORMLY AND WORK INTO TOP 4 INCHES OF TOP SOIL (MINIMUM) AND UNIFORMLY BLEND BY DICING OR ROTOTILLING.
- APPLICATION OF SEED:
 - RATE OF APPLICATION OF SEED SHALL BE 8 POUNDS PER 1,000 SQUARE FEET OR AS INDICATED ON PLANS.
 - SEEDING SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS, AND ONLY DURING THE FOLLOWING DATES:
SPRING SEEDING: MARCH 15 TO MAY 31
FALL SEEDING: AUGUST 15 TO OCTOBER 15
 - THE CONTRACTOR SHALL KEEP ALL SEEDED AREAS WATERED AND IN GOOD CONDITION, RESEEDING IF AND WHEN NECESSARY FOR AN 8 WEEK PERIOD OR UNTIL A GOOD, HEALTHY, UNIFORM GROWTH IS ESTABLISHED OVER THE ENTIRE AREA. THE CONTRACTOR SHALL ALSO MAINTAIN THESE AREAS IN AN APPROVED CONDITION UNTIL PROVISIONAL ACCEPTANCE.
 - DURING THIS PERIOD, WATER TURF AS NECESSARY TO MAINTAIN AN ADEQUATE SUPPLY OF MOISTURE WITHIN THE ROOT ZONE. AN ADEQUATE SUPPLY OF MOISTURE IS EQUIVALENT OF ONE INCH OF ABSORBED WATER PER WEEK THAT IS DELIVERED AT WEEKLY INTERVALS IN THE FORM OF NATURAL RAIN OR IS AUGMENTED AS REQUIRED BY PERIODIC WATERING.
 - OVERSEED WHEN NECESSARY TO PROMOTE GRASS GROWTH.
 - REPLANT AREAS VOID OF TURF ONE SQUARE FOOT OR LARGER.



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 25 2015 FILE # 15-0092
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

CROSSMAN ENGINEERING
Rhode Island: 151 Centerville Road, Warwick, RI 02886, Phone: (401) 738-5660
Massachusetts: 103 Commonwealth Avenue, North Attleboro, MA 02763, Phone: (508) 695-1700
Email: cel@crossmaneng.com

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PROJECT TITLE:
RESIDENTIAL DWELLING ADDITIONS
PLAT 10-F LOT 179
55 PEGWIN DRIVE
EAST GREENWICH, RHODE ISLAND

PREPARED FOR:
DOUGLAS RIGGS
55 PEGWIN DRIVE
EAST GREENWICH, RI 02818

DRAWING TITLE:
MISCELLANEOUS DETAILS PLAN

DATE: MAY 2015 **SCALE:** AS NOTED

DWG. NAME: 2074-04-DET_R1.dwg

REVISIONS

NUMBER	REMARKS	DATE
1	RIDEM COMMENTS	06/24/15

DRAWING NUMBER:
C3
SHEET: 4 OF 4