

GENERAL NOTES

- THE PLANS DO NOT DEPICT ALL UNDERGROUND UTILITY SYSTEMS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING DRAINAGE AND UTILITIES, BOTH UNDERGROUND AND OVERHEAD, 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.
- SPECIFICATIONS TO GOVERN THIS PROJECT ARE IDENTIFIED WITHIN THE PROJECT MANUAL FOR ALL EXCAVATION, PLACEMENT OF FILL, PIPE INSTALLATION, BITUMINOUS PAVEMENT, CUTTING INTO CATCHBASIN/MANHOLES, CONCRETE AND SAWCUTTING, THE CONTRACTOR SHALL PERFORM THE WORK IN FULL COMPLIANCE WITH THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AMENDED AUGUST 2013 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
- 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 MAY 20, 2015 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 CONTRACTOR TO REVIEW ALL DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT PRIOR TO THE INITIATION OF WORK. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS, RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE 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.
- ALL PAVEMENT CRACKS MUST BE CLEANED PRIOR TO APPLICATION OF CRACK SEAL.
- FINE GRADING IS TO ENSURE THAT NO PUDDLING OR PONDING OF STORMWATER OCCURS IN NEW PAVEMENT AREAS.

LAYOUT NOTE

THE LAYOUT SHOWN REPRESENTS A GRAPHICAL DESIGN, AND PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL ENGAGE A PROFESSIONAL LAND SURVEYOR (PLS) REGISTERED IN THE STATE 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 ITEM FOUND WHICH DOES 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.

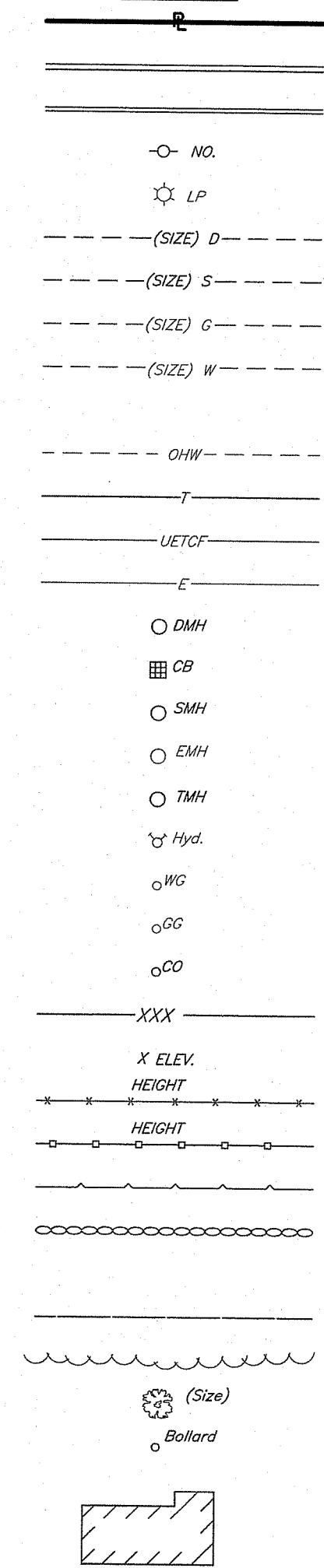
FLOOD ZONE NOTE

SUBJECT PARCEL LIES PARTIALLY WITHIN ZONE AE (ELEV. 416.10) AND ZONE X--AREAS DETERMINED TO BE OUTSIDE THE 2% ANNUAL CHANCE FLOODPLAIN - AS DELINEATED ON FIRM FLOOD INSURANCE RATE MAP--PROVIDENCE COUNTY, RHODE ISLAND (ALL JURISDICTIONS) PANEL 130 OF 451--COMMUNITY NUMBER 440013 PANEL NUMBER 0130 SUFFIX G, MAP NO. 44007C0130G, MAP EFFECTIVE DATE MARCH 2, 2009.

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 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) 2009 EDITION, WITH REVISIONS 1 AND 2.
- 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.
- ALL LANE AND/OR SHOULDER CLOSURES ON STATE ROADWAYS MUST OCCUR OUTSIDE OF PEAK TRAFFIC FLOW HOURS.

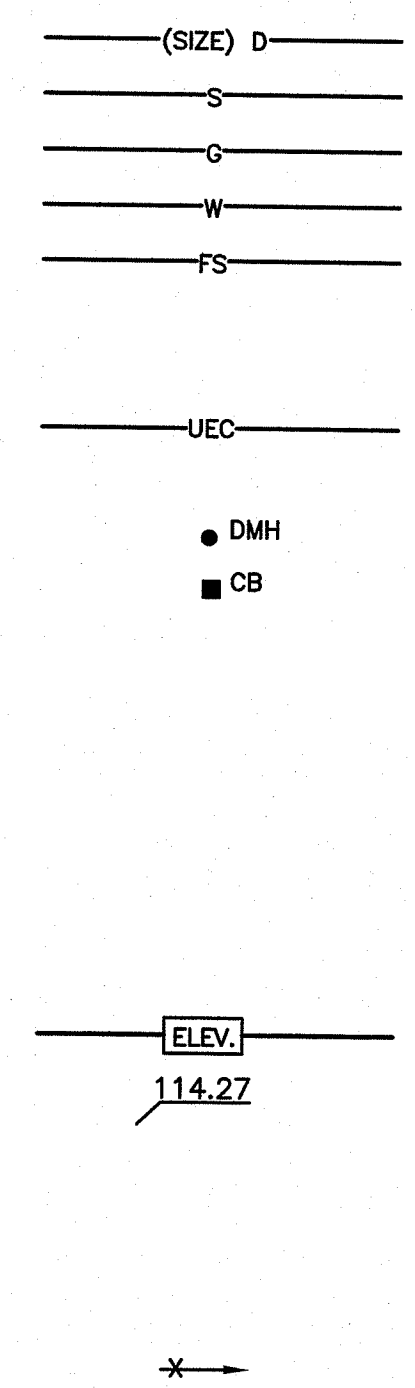
EXISTING



LEGEND

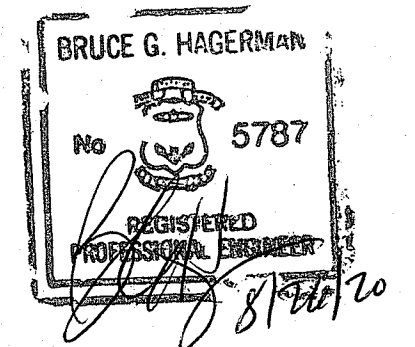
- PROPERTY LINE
- BITUMINOUS BERM
- CONCRETE/GRANITE CURB
- UTILITY POLE
- LIGHT POLE
- DRAIN LINE
- SANITARY SEWER
- GAS LINE
- WATER SERVICE
- FIRE SUPPRESSION SYSTEM SERVICE
- OVERHEAD WIRES
- TELEPHONE CONDUIT
- ELEC/TELE/CABLE/FIRE CONDUIT
- ELECTRIC POWER CONDUIT
- DRAINAGE MANHOLE
- CATCH BASIN
- 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
- EDGE OF WOODS
- TREE
- BOLLARDS
- BUILDING/STRUCTURE
- SAW CUT AND MATCH PAVEMENT

PROPOSED



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

THESE DRAWINGS ARE THE PROPERTY OF CROSSMAN ENGINEERING AND HAVE BEEN PREPARED FOR THEIR CLIENT FOR A SPECIFIC SITE AND PROJECT. THESE DRAWINGS ARE NOT TO BE COPIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF CROSSMAN ENGINEERING.



PROPERTY OWNER:
PASCOAG UTILITY DISTRICT-ELECTRIC
 253 PASCOAG MAIN STREET
 PASCOAG, R.I. 02859

PROJECT TITLE:
PROPOSED HIGH STREET PARK
 HIGH STREET
 A.P. 174, LOT 80
 BURRILLVILLE, RHODE ISLAND

PREPARED FOR:

TOWN OF BURRILLVILLE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING SERVICES
 65 UNION AVENUE
 HARRISVILLE, RI 02830

DRAWING TITLE:
GENERAL NOTES and LEGEND

DATE: JULY 2019 SCALE: NO SCALE
 DWG. NAME: 2320.20-C01-NOTE.dwg

REVISIONS	NUMBER	REMARKS	DATE
△	1	RIDEM COMMENTS	8/19/20

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED SEP 23 2020 FILE # 19-0252
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Martin D. Wenzel

DRAWING NUMBER
C1.0
 SHEET: 2 OF 10



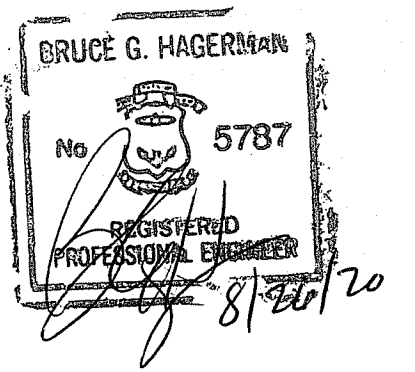
- Civil
- Transportation
- Environmental
- Site Planning
- Surveying
- Permitting
- Landscape Architecture

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

THESE DRAWINGS ARE THE PROPERTY OF CROSSMAN ENGINEERING AND HAVE BEEN PREPARED FOR THEIR CLIENT FOR A SPECIFIC SITE AND PROJECT. THESE DRAWINGS ARE NOT TO BE COPIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF CROSSMAN ENGINEERING.

AUG 26 2020



PROPERTY OWNER:

PASCOAG UTILITY DISTRICT-ELECTRIC
 253 PASCOAG MAIN STREET
 PASCOAG, R.I. 02859

PROJECT TITLE:

PROPOSED HIGH STREET PARK
 HIGH STREET
 A.P. 174, LOT 80
 BURRILLVILLE, RHODE ISLAND

PREPARED FOR:



TOWN OF BURRILLVILLE
 DEPARTMENT OF PUBLIC WORKS
 AND ENGINEERING SERVICES

65 UNION AVENUE
 HARRISVILLE, RI 02830

DRAWING TITLE:

AERIAL MAP

DATE: JULY 2019 SCALE: 1"=20'±

DWG. NAME: 2320.20-C02-AERIAL.dwg

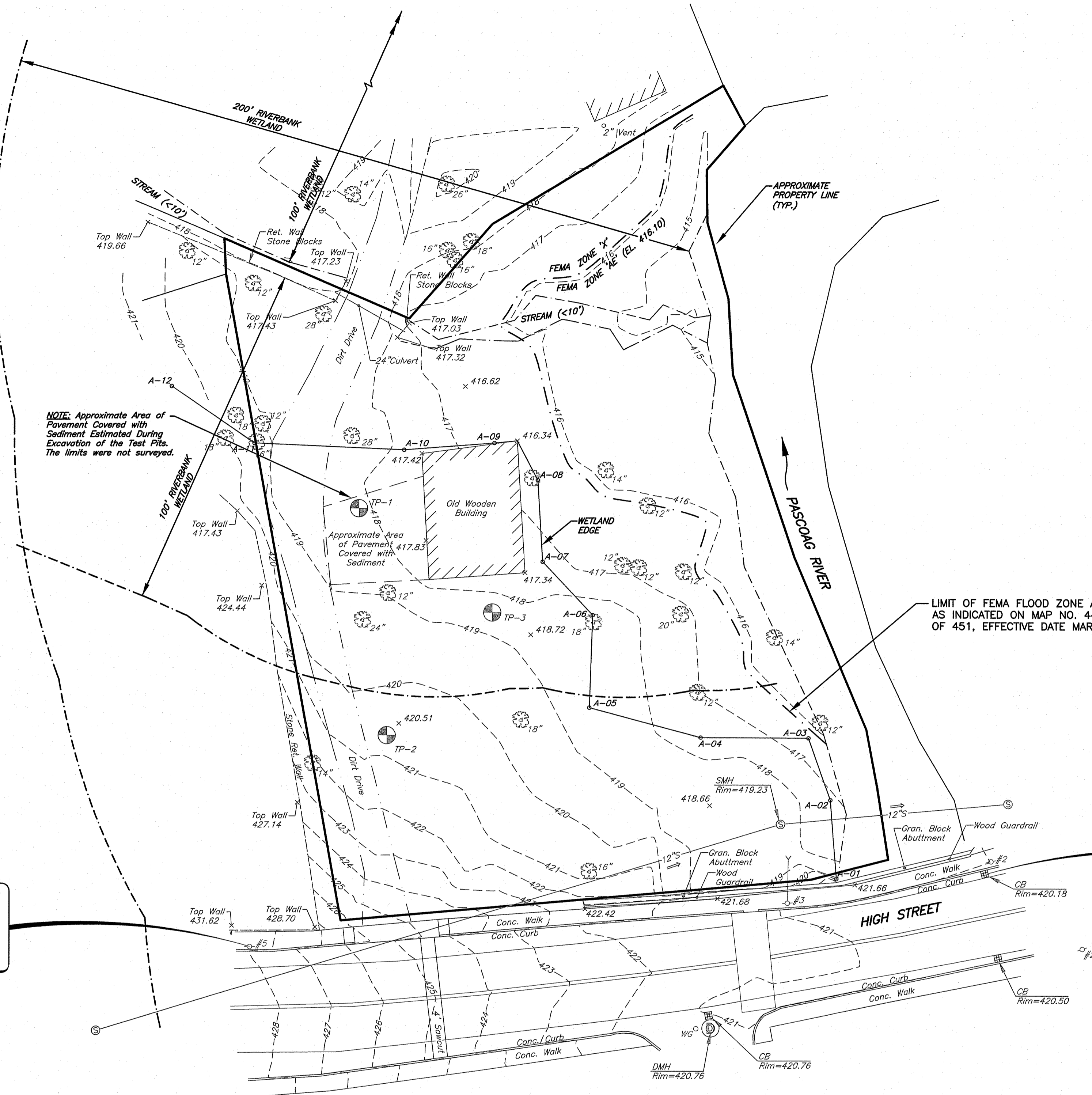
REVISIONS

NUMBER	REMARKS	DATE
1	RIDEM COMMENTS	3/4/2020
2	RIDEM COMMENTS	8/19/2020

DRAWING NUMBER

C2.0

SHEET: 3 OF 10



BENCHMARK:
GALV. SPIKE
ELEV.=429.00

BENCHMARK:
CATCH BASIN RIM
ELEV.=420.18

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 SEP 23 2019 FILE # 19-0252
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Martin D. Wencsek

CERTIFICATION:

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 435-RICR-00-00-1.9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:

(a.) TYPE OF BOUNDARY SURVEY	MEASUREMENT SPECIFICATION
-THIS IS NOT A BOUNDARY SURVEY	NOT APPLICABLE
(b.) OTHER TYPE OF SURVEY	MEASUREMENT SPECIFICATION
-TOPOGRAPHICAL SURVEY	CLASS III
-TOPOGRAPHIC SURVEY ACCURACY	CLASS T-2
-DATA ACCUMULATION SURVEY	CLASS III
-COMPILATION PLAN	CLASS IV

THIS COMPILATION PLAN HAS BEEN PREPARED FROM SOURCES OF INFORMATION AND DATA WHOSE POSITIONAL ACCURACY AND RELIABILITY HAS NOT BEEN VERIFIED. THE PROPERTY LINES DEPICTED HEREON DO NOT REPRESENT A BOUNDARY OPINION, AND OTHER INFORMATION DEPICTED IS SUBJECT TO SUCH CHANGES AS AN AUTHORITATIVE FIELD SURVEY MAY DISCLOSE.

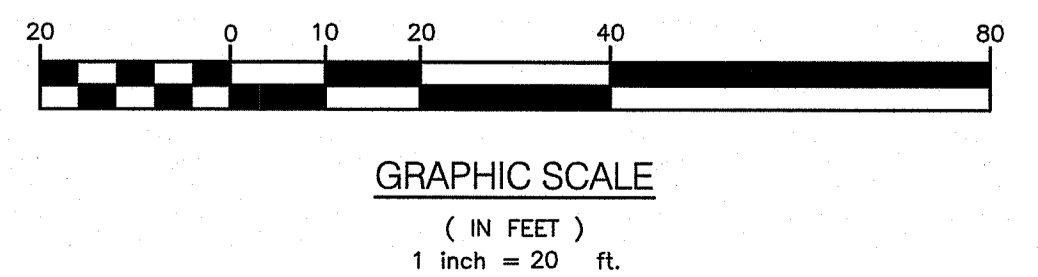
(c.) STATEMENT OF PURPOSE

THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR PREPARATION OF THE PLAN IS TO DELINEATE THE EXISTING CONDITIONS OF THE SUBJECT PARCEL AS FIELD LOCATED IN MARCH OF 2019, OTHER THAN AN ACCURATE BOUNDARY, FOR ENGINEERING DESIGN BY CROSSMAN ENGINEERING.

BY: _____
PLS: CROSSMAN ENGINEERING MARK D. BOYER #1888
COA: CROSSMAN ENGINEERING #A25Z

NOTES

- FIELD SURVEY WORK FOR EXISTING CONDITIONS PERFORMED BY CROSSMAN ENGINEERING DURING MARCH OF 2019.
- UTILITY NOTE: THE UTILITIES SHOWN HEREON ARE PLOTTED FROM FIELD LOCATIONS OF VISIBLE ABOVE GROUND STRUCTURES. ALL UNDERGROUND UTILITY INFORMATION SHOWN HEREON SHALL BE VERIFIED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ON THIS SITE. THE CONTRACTOR OR USERS OF THIS PLAN SHOULD CONTACT DIGSAFE PRIOR TO ANY WORK. CROSSMAN ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN.
- THE HORIZONTAL DATUM IS THE RHODE ISLAND STATE PLANE COORDINATE SYSTEM (NAD83) AND THE VERTICAL DATUM IS NAVD 88 UTILIZING GPS RTK NETWORK CONTROL.
- OWNERS AND ABUTTERS INFORMATION TAKEN FROM THE TOWN OF BURRILLVILLE TAX ASSESSORS RECORDS IN XXXXXXXXXX OF 2019. THIS INFORMATION IS NOT INTENDED TO BE A CERTIFICATION OF TITLE OR OWNERSHIP FOR THE PROPERTIES SHOWN. NO TITLE RESEARCH OR REPORTS HAVE BEEN PROVIDED. PARCELS ARE SUBJECT TO ANY EASEMENTS RESTRICTIONS, OR CONDITIONS OF RECORD.



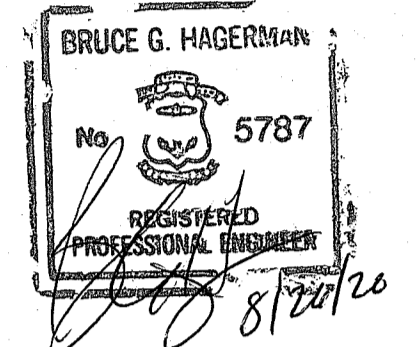

CROSSMAN ENGINEERING
Rhode Island
151 Centerville Road
Warwick, RI 02886
Phone: (401) 738-5660

Massachusetts
103 Commonwealth Avenue
North Attleboro, MA 02763
Phone: (508) 695-1700

Email: cel@crossmaneng.com


AUG 26 2020

THESE DRAWINGS ARE THE PROPERTY OF CROSSMAN ENGINEERING AND HAVE BEEN PREPARED FOR THEIR CLIENT FOR A SPECIFIC SITE AND PROJECT. THESE DRAWINGS ARE NOT TO BE COPIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF CROSSMAN ENGINEERING.



PROPERTY OWNER:
PASCOAG UTILITY DISTRICT-ELECTRIC
253 PASCOAG MAIN STREET
PASCOAG, R.I. 02859

PROJECT TITLE:
PROPOSED HIGH STREET PARK
HIGH STREET
A.P. 174, LOT 80
BURRILLVILLE, RHODE ISLAND

PREPARED FOR:

TOWN OF BURRILLVILLE
DEPARTMENT OF PUBLIC WORKS
AND ENGINEERING SERVICES

65 UNION AVENUE
HARRISVILLE, RI 02830

DRAWING TITLE:
EXISTING CONDITIONS PLAN

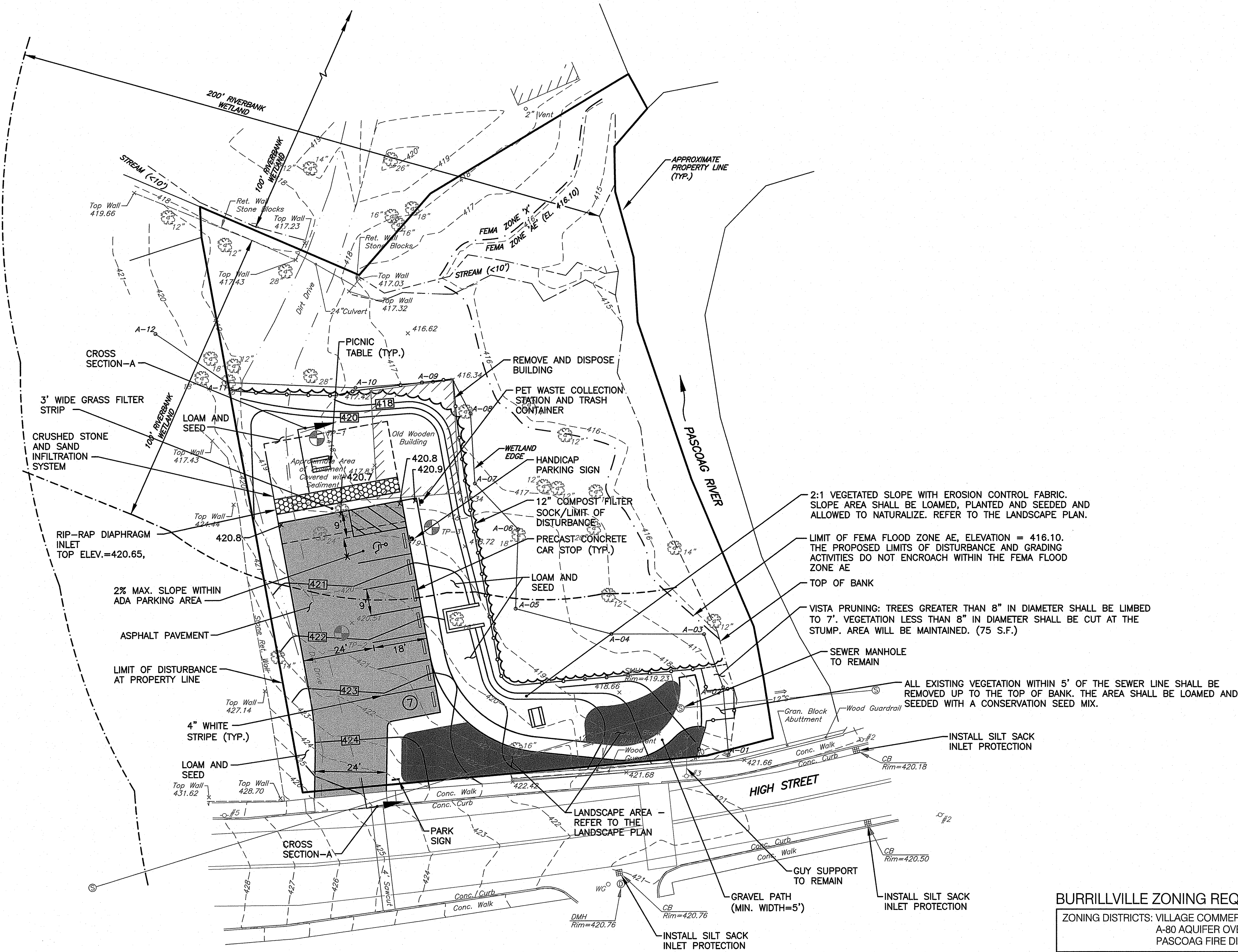
DATE: JULY 2019 SCALE: 1" = 20'

DWG. NAME: 2320.20-C03-EXCN.dwg

REVISIONS

NUMBER	REMARKS	DATE
1	RIDEM COMMENTS	3/4/2020
2	RIDEM COMMENTS	8/19/2020

DRAWING NUMBER
C3.0
SHEET: 4 OF 10



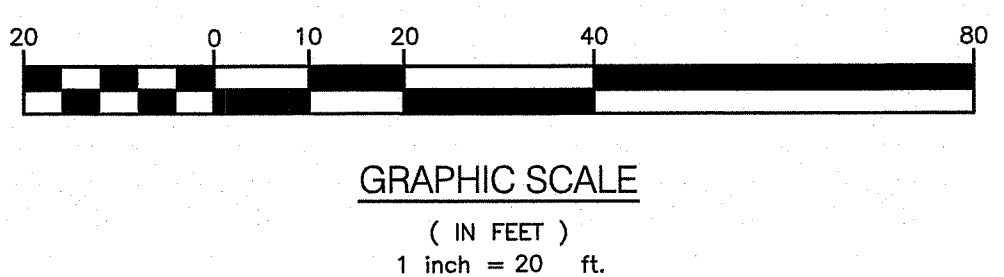
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 23 2020 FILE # 19-0252
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Justin D. Weneck

BURRILLVILLE ZONING REQUIREMENTS:

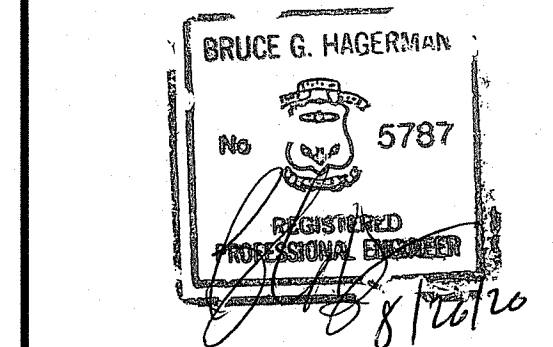
ZONING DISTRICTS: VILLAGE COMMERCIAL DISTRICT A-80 AQUIFER OVERLAY ZONE PASCOAG FIRE DISTRICT		
PROPOSED USE: PUBLIC PLAYGROUND		
A.P. 174, LOT 80	REQUIRED	PROVIDED
MINIMUM LOT AREA	NONE	0.67± ACRES
MIN. LOT FRONTAGE	NONE	159'±
FRONT YARD SETBACK	35'	NA
SIDE YARD SETBACK	15'	NA
REAR YARD SETBACK	30'	NA
MAXIMUM STRUCTURE HEIGHT	MAIN=35' ACCESSORY=35'	NA
MAXIMUM IMPERVIOUS COVERAGE (SEC. 30-154)	25%	11%

- GENERAL NOTES:**
1. THE SITE IS LOCATED WITHIN A COMMUNITY WELL HEAD PROTECTION AREA.
 2. EXISTING TOPOGRAPHY SHOWN ON THIS PLAN WAS PREPARED BY CROSSMAN ENGINEERING.
 3. WETLAND EDGES WERE DELINEATED BY NATURAL RESOURCE SERVICES, INC. IN MAY 2018. THE WETLAND FLAGS WERE LOCATED BY CROSSMAN ENGINEERING USING MANUAL SURVEY.
 4. PROPERTY LINES SHOWN ON THIS PLAN ARE APPROXIMATE AND WERE TAKEN FROM THE TOWN OF BURRILLVILLE ASSESSORS MAPS.



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

AUG 26 2020



PROPERTY OWNER:
PASCOAG UTILITY DISTRICT-ELECTRIC
253 PASCOAG MAIN STREET
PASCOAG, R.I. 02859

PROJECT TITLE:
PROPOSED HIGH STREET PARK
HIGH STREET
A.P. 174, LOT 80
BURRILLVILLE, RHODE ISLAND

PREPARED FOR:

TOWN OF BURRILLVILLE
DEPARTMENT OF PUBLIC WORKS
AND ENGINEERING SERVICES
65 UNION AVENUE
HARRISVILLE, RI 02830

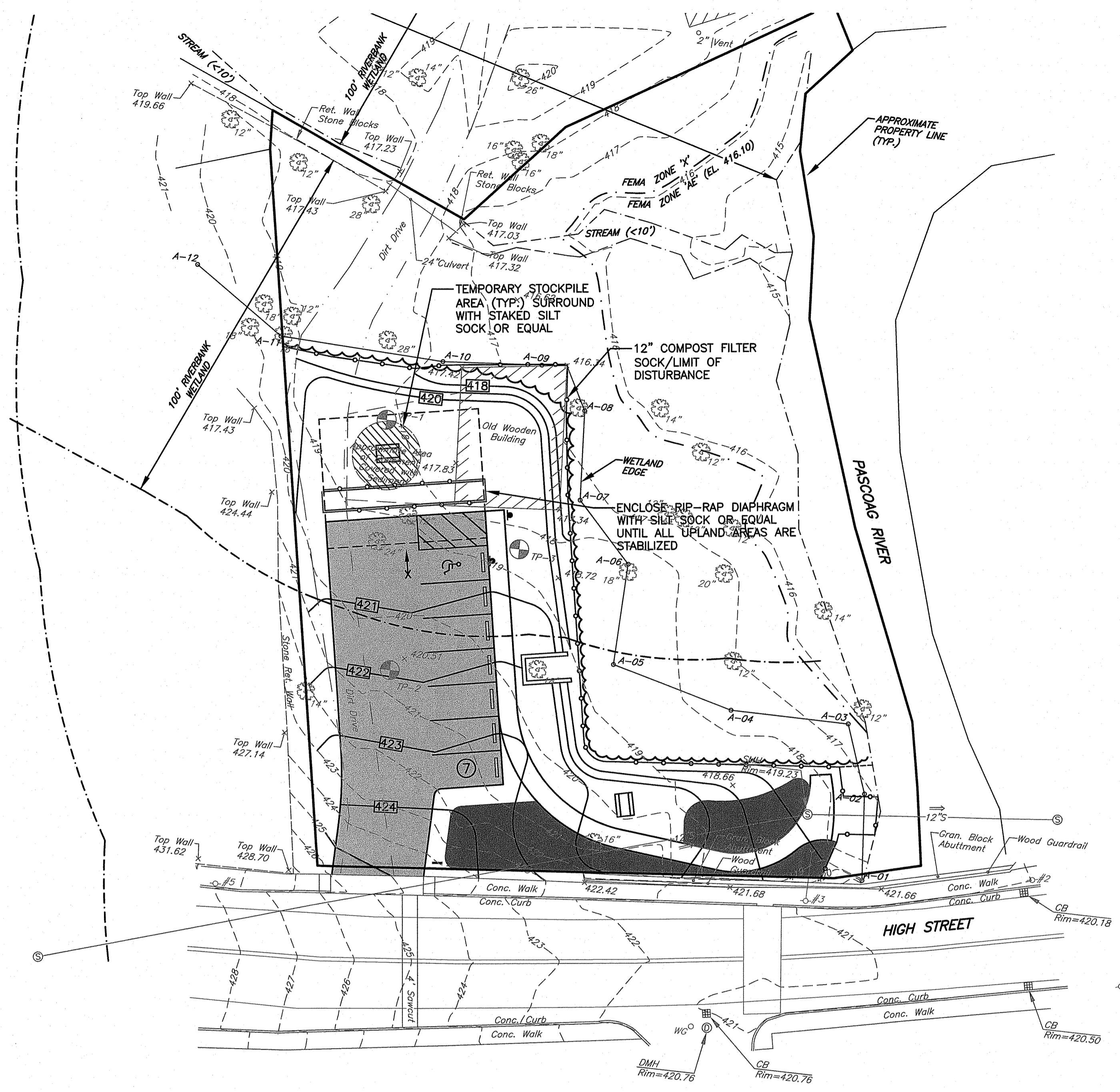
DRAWING TITLE:
SITE PLAN

DATE: JULY 2019 SCALE: 1" = 20'
DWG. NAME: 2320.20-C04-SITE.dwg

REVISIONS

NUMBER	REMARKS	DATE
1	RIDEM COMMENTS	3/4/2020
2	RIDEM COMMENTS	8/19/2020

DRAWING NUMBER
C4.0
SHEET: 5 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
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 23 2020 FILE # 19-0252
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Justin D. Weneck

EROSION CONTROL SITE PLAN
SCALE: 1"=20'

- NOTES:**
- CONTRACTOR SHALL INSTALL TEMPORARY MEASURES SUCH AS: FIBER MATTING, CRUSHED STONE, HAY OR STRAW IN AREAS WHERE SLOPES OR STABILIZATION HAS FAILED.
 - CONTRACTOR SHALL INSTALL SILT SOCK INLET PROTECTION OR APPROVED EQUAL UNDER THE EXISTING CATCH BASIN GRATE ON THE SITE IN ADJACENT STREETS DOWN GRADIENT OF THE SITE. REMOVE AFTER CONSTRUCTION.
 - FILTER SOXX (SILT SOCK) SHALL BE INSTALLED AROUND THE PERIMETER OF THE AREA TO BE DISTURBED BY CONSTRUCTION AS NOTED ON THE PLANS. 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 OWNER, LOCAL MUNICIPALITY, STATE AGENCIES OR ENGINEER DURING CONSTRUCTION.
 - IF SEDIMENT OR DEBRIS IS TRACKED ONTO EXISTING ROADWAYS ADJACENT TO THE CONSTRUCTION AREA, THE CONTRACTOR IS REQUIRED TO SWEEP THE PAVEMENT ON A DAILY BASIS. THE AREA SHALL BE INSPECTED DAILY.
 - 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. ROUTING CLEANING AND WASTE DISPOSAL OF THESE PORTABLE SANITARY FACILITIES IS REQUIRED.
 - NO CONCRETE WASHOUT IS ALLOWED FOR THIS PROJECT.
 - ALL TRASH AND WASTE SHALL BE REMOVED FROM THE SITE AT THE END OF EACH WORK DAY.

- RECEIVING WATER DATA:**
- WATERSHED BODY NAME - PASCOAG RIVER (RI0001002R-09), TMDL FOR ENTEROCOCCUS 9/22/2011 (SOURCE: R.I.D.E.M.)
 - GROUNDWATER CLASSIFICATION - GAA
- PROJECT DATA:**
- LIMIT OF UPLAND DISTURBANCE AREA = 0.30± ACRES
 - THE SITE IS NOT LOCATED WITHIN OR ADJACENT TO A RIDEM NATURAL HERITAGE AREA. (SOURCE: RIDEM)
 - THE SITE IS LOCATED WITHIN A WELLHEAD PROTECTION AREA. (SOURCE: R.I.D.E.M.)
- 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.
 - GENERAL MAINTENANCE PROCEDURES ARE OUTLINED IN THE ACCOMPANYING SITE PLANS. 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.
 - CONCRETE WASHOUT SHALL BE PERFORMED USING ONE OF THE METHODS LISTED IN SECTION 3 OF THE RI SOIL EROSION AND SEDIMENT CONTROL HANDBOOK. THE WASHOUT AREAS ARE DESIGNATED ON THE SOIL EROSION AND SEDIMENT CONTROL PLAN.
 - VEHICLE AND EQUIPMENT WASHING ON-SITE DURING CONSTRUCTION IS NOT ALLOWED.
 - A SPILL RESPONSE KIT SHALL BE KEPT ON SITE AT ALL TIMES DURING CONSTRUCTION.

- SITE CONSTRUCTION SEQUENCE AND SCHEDULE:**
- 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 DEMOLITION.
 - ROUGH GRADING.
 - INSTALL DRAINAGE SYSTEM.
 - FINAL GRADING, INSTALL PAVEMENT AND INSTALL LANDSCAPING.
 - ESTIMATED DURATION OF SOIL EXPOSURE FOUR (4) MONTHS.

DUST CONTROL NOTES:

ON AN AS-NEEDED BASIS OR AS DIRECTED BY THE ENGINEER 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:

A. THE EXPOSED SOIL SURFACE SHOULD BE MOISTENED PERIODICALLY WITH ADEQUATE WATER TO CONTROL DUST.

THE METHODS SHOULD BE REPEATED AS NEEDED, AND SPECIAL ATTENTION MUST BE GIVEN TO THE ACCESS DRIVES.

- INSPECTION/MAINTENANCE NOTES:**
- EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM ENTERING DRAINAGE SYSTEMS, WETLANDS AND WATERWAYS.
 - ALL DISTURBED AREAS WHICH BECOME SUBJECT TO EROSION TENDENCIES WHETHER THEY BE NEWLY FILLED OR EXCAVATED SHALL RECEIVE SLOPE PROTECTION - SUCH AS RIP-RAP.
 - 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 / REPAIR / REPLACE DAILY DURING CONSTRUCTION, FOLLOWING RAINFALL AND WEEKLY DURING NON CONSTRUCTION PERIODS.
 - ADDITIONAL EROSION CONTROLS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER, MUNICIPAL REPRESENTATIVES, STATE AGENCIES OR ENGINEER.
 - THE "R.I. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK" PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, REVISED 2014 (LATEST REVISION), 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 THE SITE IS STABLE.

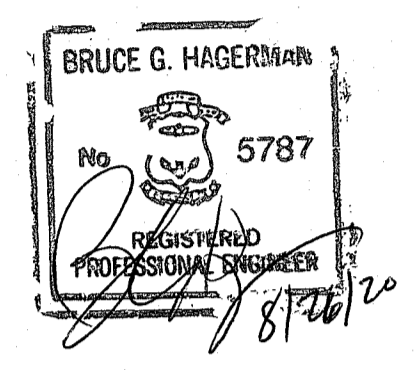
- GENERAL PROJECT WIDE NOTES:**
- COMPOST FILLED SILT SOCK AND SILT SACK IN CATCH BASINS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, MAINTAINED ON A REGULAR BASIS, AND SHALL BE PLACED TO PREVENT SEDIMENTATION ONTO ADJACENT PROPERTY, ROADWAYS, WETLANDS AND WATERWAYS.
 - THE CONTRACTOR MUST REPLACE AND/OR RESEED ANY VEGETATION THAT DOES NOT DEVELOP/SURVIVE WITHIN THE PERIOD OF ONE YEAR AND HE SHALL DO SO AT NO ADDITIONAL EXPENSE TO THE OWNER.
 - ALL COMPOST FILLED SILT SOCK OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED AND POTENTIAL SEDIMENTATION SOURCES ARE REMOVED.
 - 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 RESODDED, RESEED, OR OTHERWISE RESTORED AT THE CONTRACTOR'S EXPENSE.
 - STOCKPILES SHALL HAVE NO SLOPE STEEPER THAN 2:1 AND SHALL BE SURROUNDED BY STAKED COMPOST FILLED SILT SOCK OR COVERED.
 - STOCKPILES EXPOSED FOR EXCESSIVE PERIODS SHALL RECEIVE TEMPORARY TREATMENT CONSISTING OF HAY, STRAW, FIBER MATTING, COVERED WITH TARPS, OR APPROVED EQUAL.
 - SILT FENCE (RIDOT STD. DETAIL 9.2.0) MAY BE USED IN LIEU OF THE COMPOST FILLED SILT SOCK WHERE APPROVED BY THE ENGINEER.

- EROSION CONTROL AND SOIL STABILIZATION PROGRAM:**
- EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM ENTERING THE DRAINAGE SYSTEM, EXISTING RACEWAY, ADJACENT PROPERTY, AND ROADWAYS.
 - TEMPORARY TREATMENTS SHALL CONSIST OF A HAY, STRAW, RIPRAP OR FIBER MULCH PROTECTIVE COVERS, SUCH AS A MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING, EXCELOR BLANKETS). THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED OR AS ORDERED BY THE OWNER.
 - HAY OR STRAW APPLICATIONS SHALL BE IN THE AMOUNT OF 3,000-4,000 LBS/ACRE.
 - STOCKPILES SHALL HAVE NO SLOPE STEEPER THAN 2:1 AND SHALL BE SURROUNDED BY STAKED SILT SOCKS OR COVERED.
 - STOCKPILES EXPOSED FOR EXCESSIVE PERIODS SHALL RECEIVE TEMPORARY TREATMENT CONSISTING OF HAY, STRAW, FIBER MATTING OR COVERED WITH TARPS.
 - DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MAINTENANCE AND SHALL INSPECT/REPLACE AS NEEDED.
 - ADDITIONAL EROSION CONTROLS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER, OWNER, MUNICIPAL REPRESENTATIVES OR STATE AGENCIES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING DUST CONTROL AT NO ADDITIONAL COST TO THE OWNER.
 - THE CATCH BASINS ADJACENT TO THE CONSTRUCTION AREA SHALL BE PROTECTED USING SILT SACKS OR SILT SOCK INLET PROTECTION, AS NOTED.
 - ALL PROPOSED CATCH BASINS SHALL BE PROTECTED BY SILT SOCKS OR SILT SACKS.
 - COMPOST FILLED SILT SOCK MAY BE INSTALLED ON THE EXISTING PAVEMENT/IMPERVIOUS AREAS WITH OUT STAKES. CONTRACTOR SHALL INSPECT DAILY, IF SOIL EROSION OR SEDIMENT IS OBSERVED IN THESE AREAS, THE CONTRACTOR SHALL RELOCATE OR INSTALL ADDITIONAL COMPOST FILLED SILT SOCK IN LOCATIONS THAT CAN BE STAKED. THIS WORK IS INCLUDED IN THE PROJECT SCOPE.
 - POLYMERS, FLOCCULANTS, OR OTHER TREATMENT CHEMICALS MUST NOT BE USED ON THIS PROJECT FOR DUST, SEDIMENTATION AND EROSION CONTROL. WATER WILL BE USED FOR DUST CONTROL AND EROSION WILL BE CONTROLLED USING THE PROPOSED EROSION CONTROLS, AND TEMPORARY STABILIZATION TECHNIQUES.

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

THESE DRAWINGS ARE THE PROPERTY OF CROSSMAN ENGINEERING AND HAVE BEEN PREPARED FOR THEIR CLIENT FOR A SPECIFIC SITE AND PROJECT. THESE DRAWINGS ARE NOT TO BE COPIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF CROSSMAN ENGINEERING.



PROPERTY OWNER:

PASCOAG UTILITY DISTRICT-ELECTRIC
253 PASCOAG MAIN STREET
PASCOAG, R.I. 02859

PROJECT TITLE:

PROPOSED HIGH STREET PARK

HIGH STREET
A.P. 174, LOT 80
BURRILLVILLE, RHODE ISLAND

PREPARED FOR:

TOWN OF BURRILLVILLE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING SERVICES

65 UNION AVENUE
HARRISVILLE, RI 02830

DRAWING TITLE:

SOIL EROSION and SEDIMENT CONTROL PLAN

DATE: JULY 2019 SCALE: AS NOTED

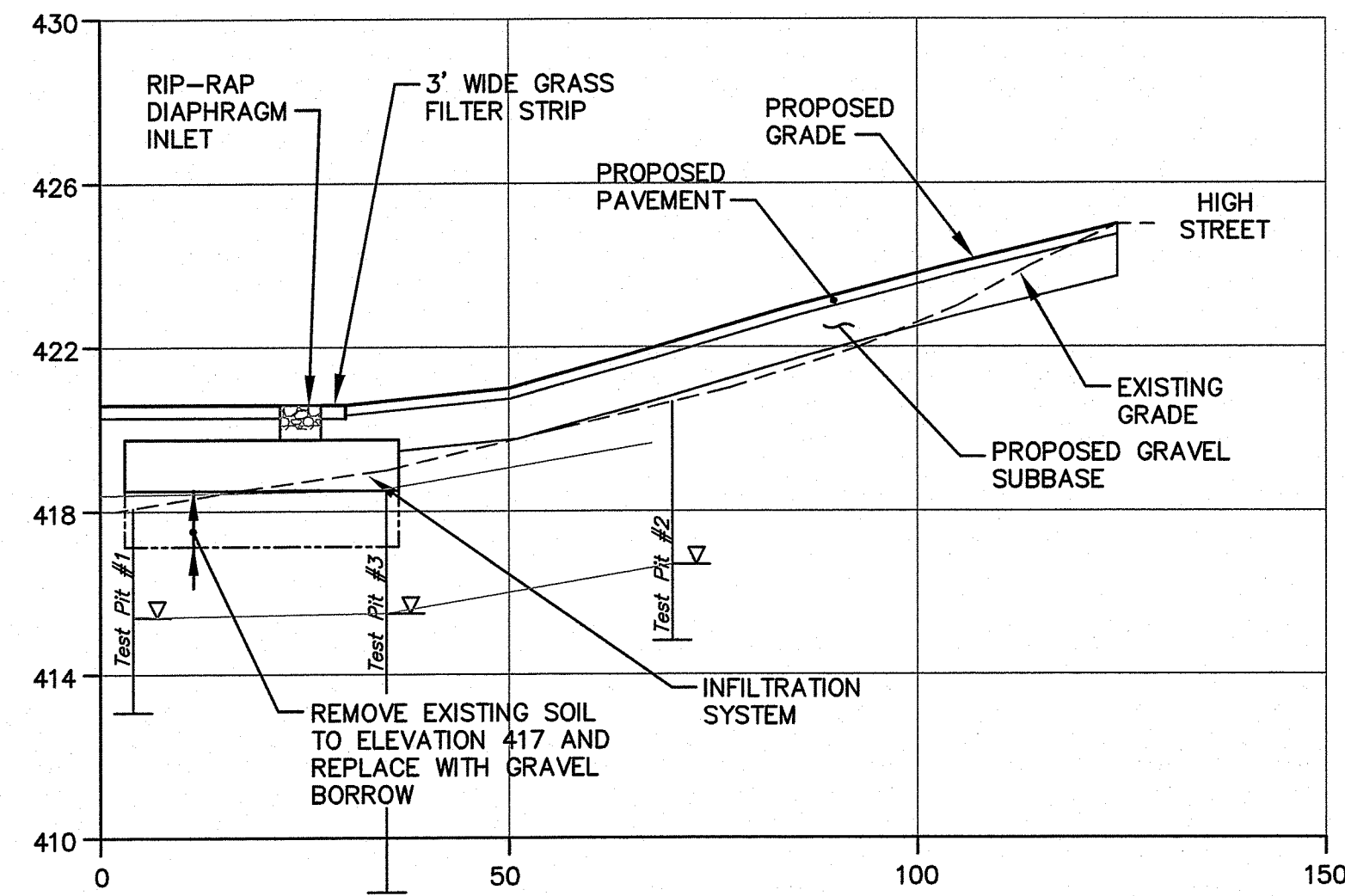
DWG. NAME: 2320.20-C05-SOIL.dwg

REVISIONS	NUMBER	REMARKS	DATE
1		RIDEM COMMENTS	3/4/2020
2		RIDEM COMMENTS	8/19/2020

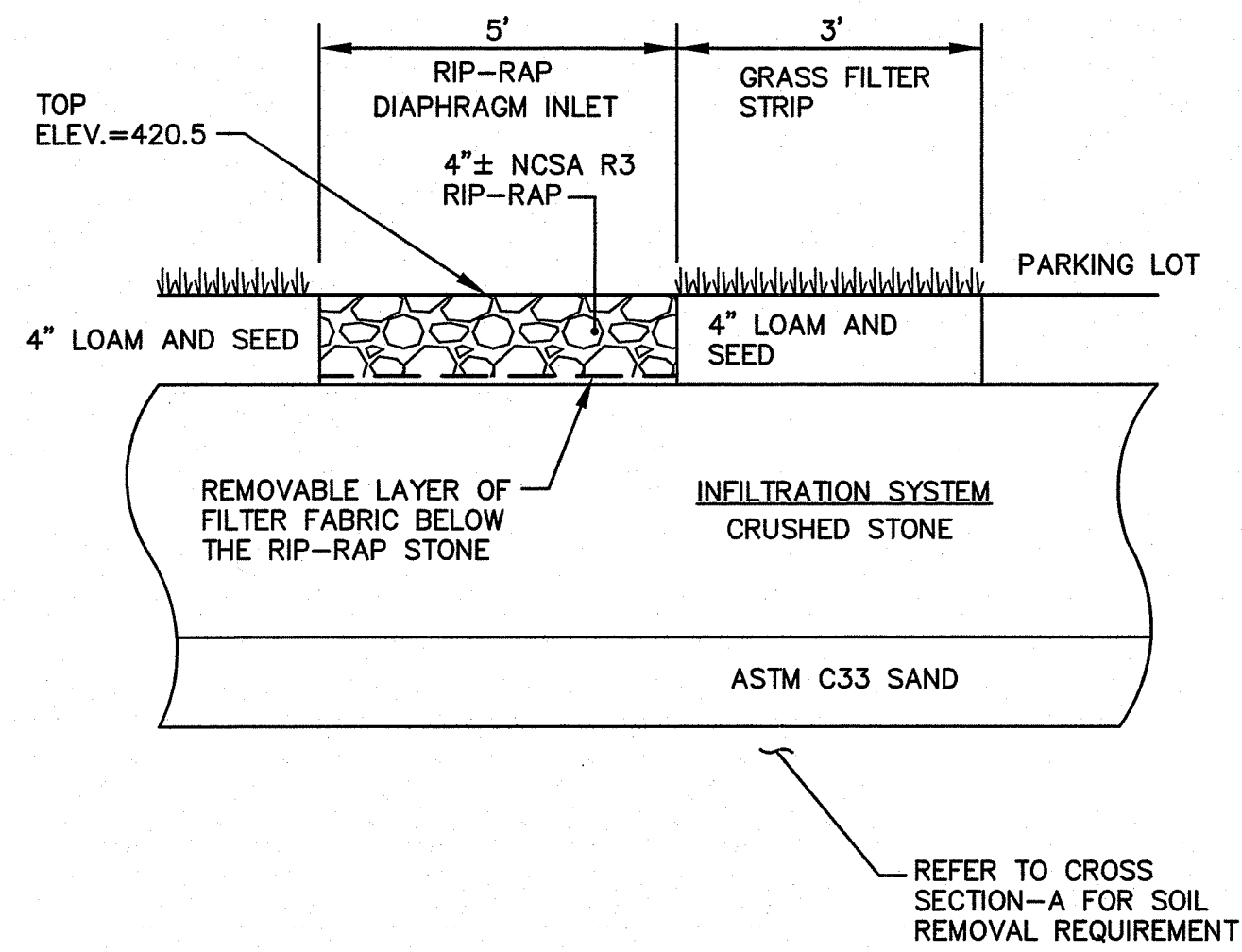
DRAWING NUMBER

C5.0

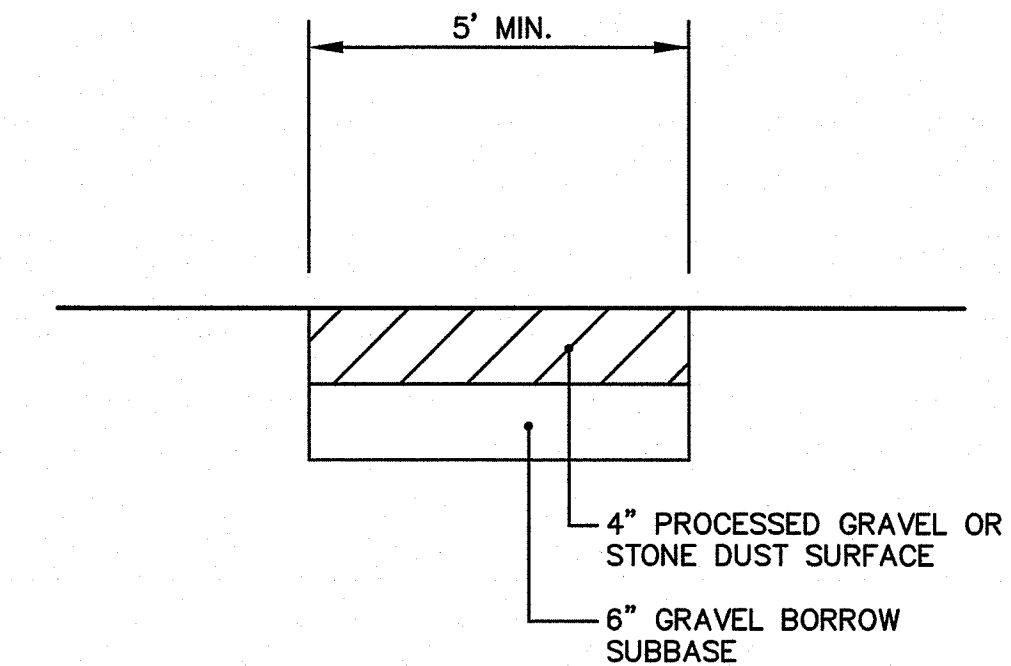
SHEET: 6 OF 10



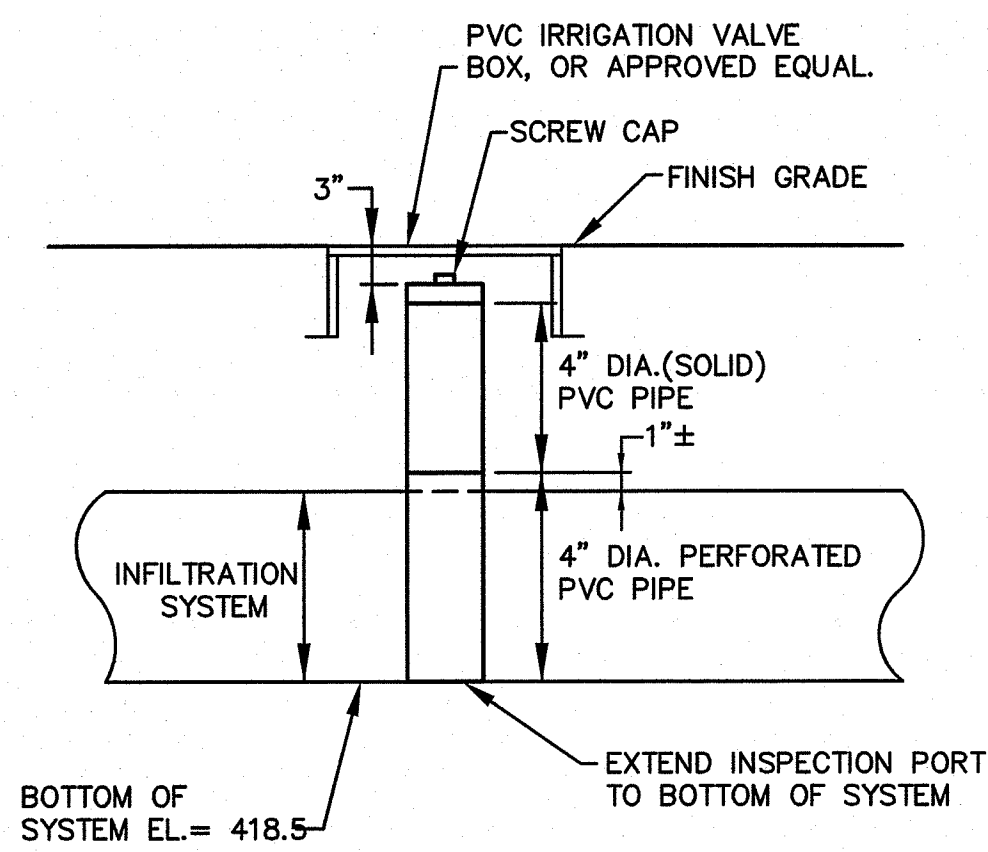
CROSS SECTION-A
SCALE: HORIZ. 1"=20'
VERT. 1"=4'



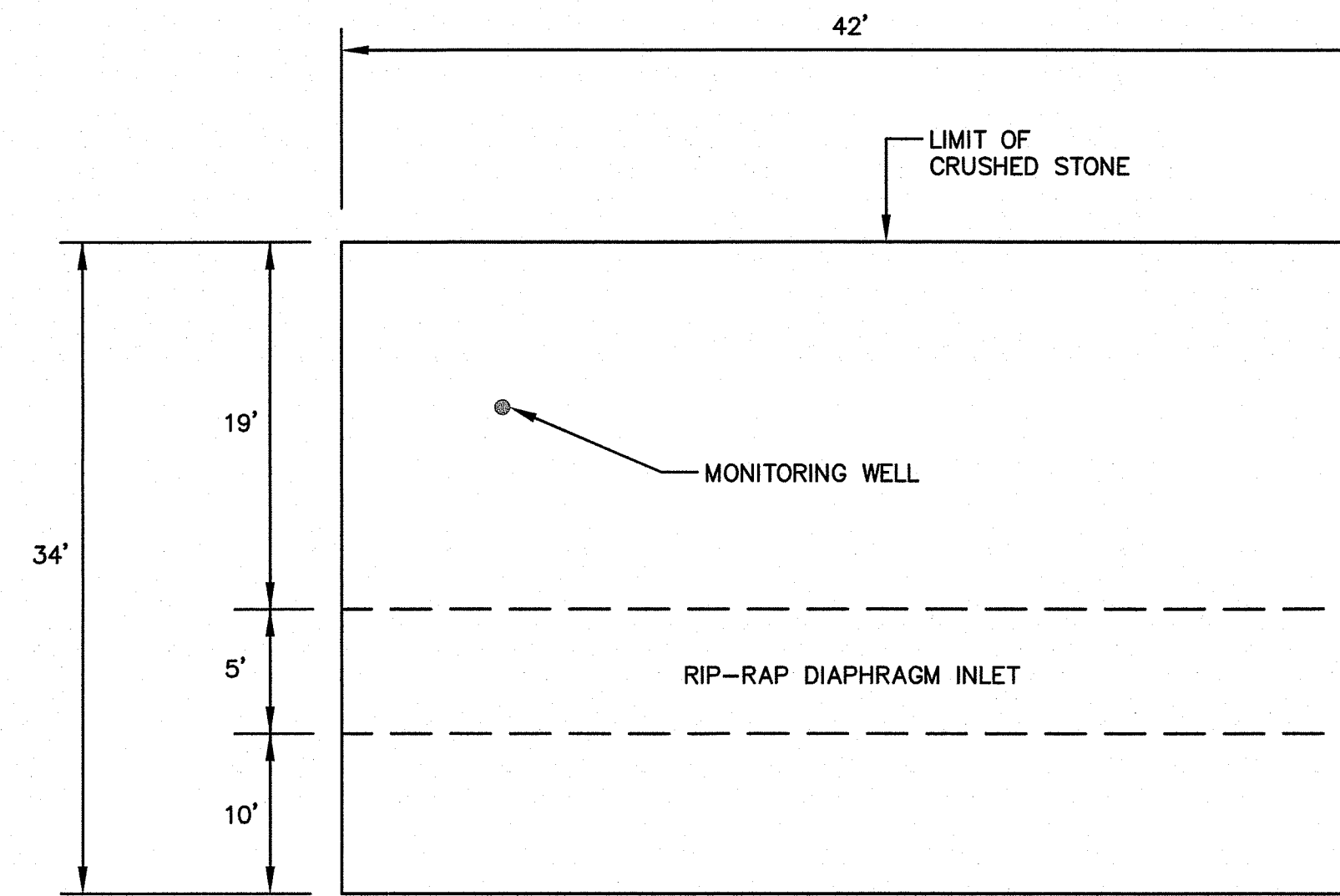
BMP-2
RIP-RAP DIAPHRAGM INLET DETAIL
NOT TO SCALE



GRAVEL PATH DETAIL
NOT TO SCALE



MONITORING WELL DETAIL
NOT TO SCALE



PLAN VIEW

TEST PIT DATA
TEST PIT DATA REPORTED BY BRUCE HAGERMAN, R.I. PE#5787 ON JULY 11, 2019.

TP-1
SURFACE EL.=418.1

0"	Very Dark Brown Organics, Sediment and Sand	HTM
2"	Asphalt	HTM
4"	Dark Yellowish Brown and Very Dark Grayish Brown Gravelly Loamy Sands with Tightly Packed Angular Cobbles	HTM
60"		

Depth to Impervious/Limiting Layer Depth = None
Groundwater Seepage = 35"
Depth to Seasonal High Water Table = 32"
Design Seasonal High Water Table Elev. = 415.4

TP-2
SURFACE EL.=420.7

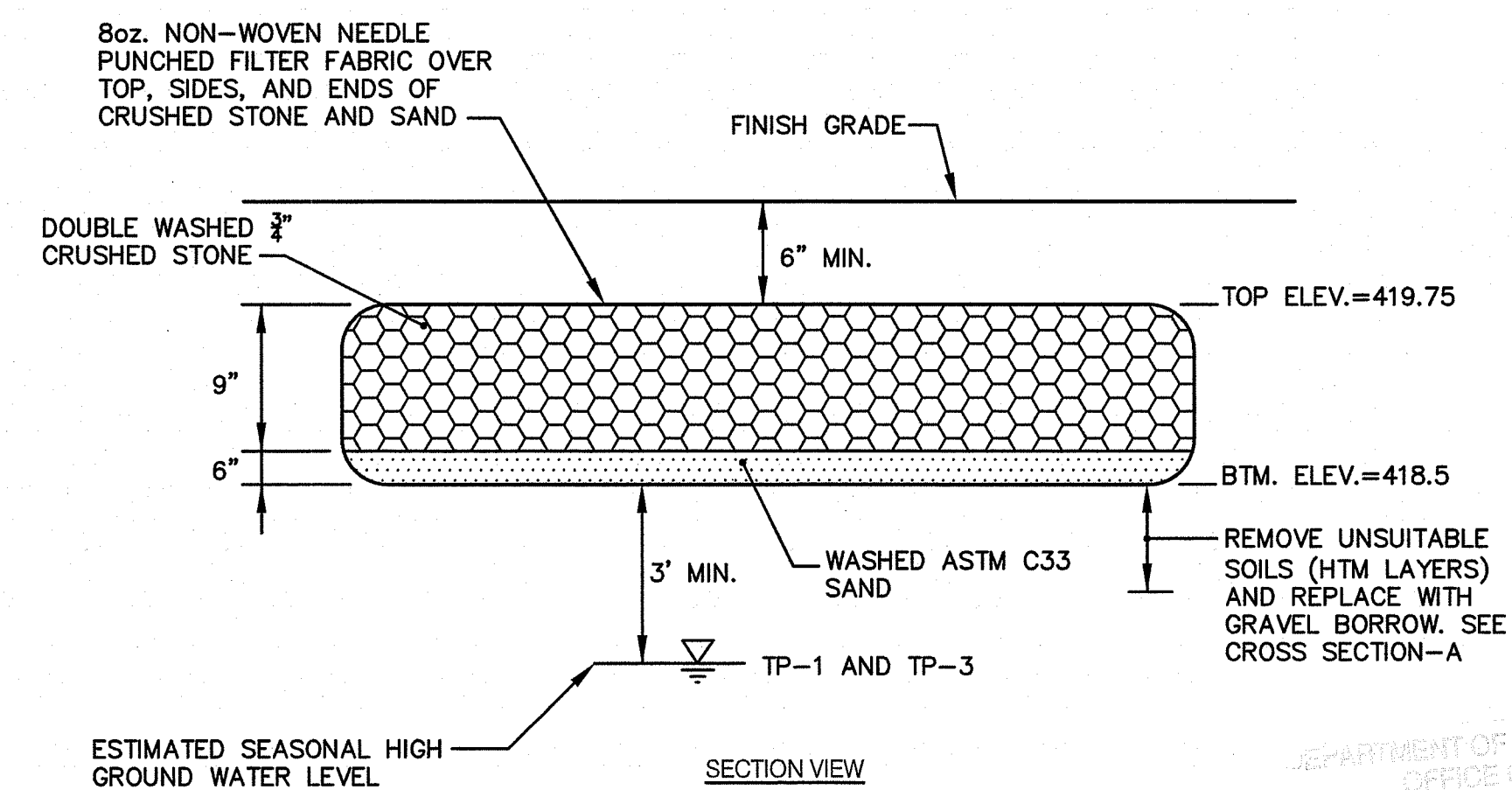
0"	Yellowish Brown Sandy Loam/Silty Loam with Organics and a few stones	HTM
3"	Light Olive Brown Fine Sand and Tightly Packed Angular Cobbles (50% Sand/50% Cobbles) Pockets of Very Dark Grayish Brown Sand	HTM
70"		

Depth to Impervious/Limiting Layer Depth = None
Groundwater Seepage = 60"
Depth to Seasonal High Water Table = 48"
Design Seasonal High Water Table Elev. = 416.7

TP-3
SURFACE EL.=418.5

0"	Light Olive Brown Fine Sand with a Trace of Gravel	HTM
18"	Very Dark Grayish Brown Gravelly Sandy Loam	HTM
30"	Light Olive Brown Gravelly Fine to Coarse Sand	HTM
36"	Black Silt/Organics with a Trace of Sand	O/Ab
43"	White Gravelly Sandy Loam	E
51"	Very Dark Gray Gravelly Sandy Loam	C
118"		

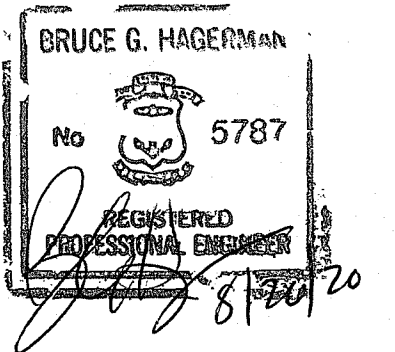
Depth to Impervious/Limiting Layer Depth = None
Groundwater Seepage = 45"
Depth to Seasonal High Water Table = 36"
Design Seasonal High Water Table Elev. = 415.5



BMP-1
INFILTRATION SYSTEM
NOT TO SCALE

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

THESE DRAWINGS ARE THE PROPERTY OF CROSSMAN ENGINEERING AND HAVE BEEN PREPARED FOR THEIR CLIENT FOR A SPECIFIC SITE AND PROJECT. THESE DRAWINGS ARE NOT TO BE COPIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF CROSSMAN ENGINEERING.



PROPERTY OWNER:

PASCOAG UTILITY DISTRICT-ELECTRIC
253 PASCOAG MAIN STREET
PASCOAG, R.I. 02859

PROJECT TITLE:

PROPOSED HIGH STREET PARK
HIGH STREET
A.P. 174, LOT 80
BURRILLVILLE, RHODE ISLAND

PREPARED FOR:

TOWN OF BURRILLVILLE
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING SERVICES
65 UNION AVENUE
HARRISVILLE, RI 02830

DRAWING TITLE:

MISCELLANEOUS DETAIL PLAN No. 2

DATE: JULY 2019 SCALE: AS NOTED

DWG. NAME: 2320.20-C6.2-DETAIL2.dwg

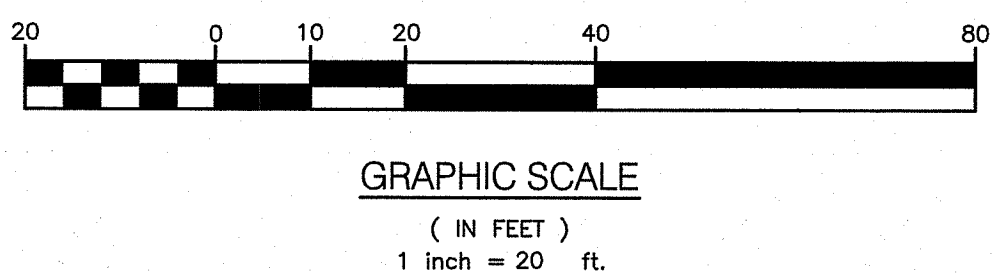
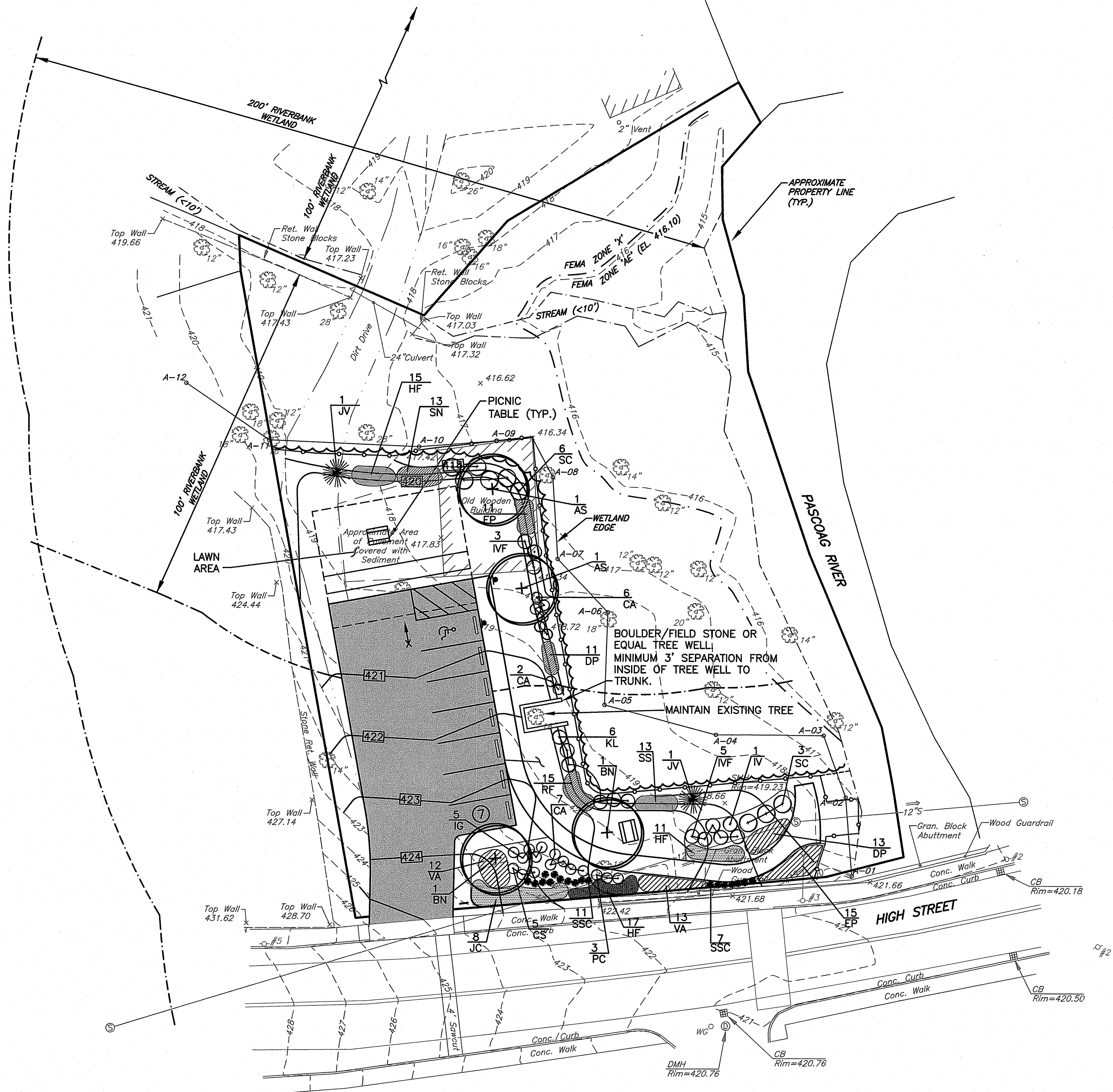
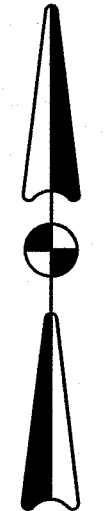
REVISIONS

NUMBER	REMARKS	DATE
1	RIDEM COMMENTS	3/4/2020
2	RIDEM COMMENTS	8/19/2020

DRAWING NUMBER

C6.2

SHEET: 8 OF 10



PLANTING SCHEDULE

TREES			
Key	Botanical Name Common Name	Size	Remarks
AS	Acer saccharum 'Green Mountain' Sugar Maple	2 - 2 1/2" cal.	B & B
BN	Betulus nigra 'Heritage Clump' River Birch Clump	8 - 10' ht	B & B
JV	Juniperus virginiana Eastern Red Cedar	6 - 8' ht	B & B
SHRUBS			
CA	Clethra alnifolia Summersweet Clethra	#2	Cont.
CS	Cornus sericea Red Twig Dogwood	#3	B & B
IG	Ilex glabra 'Shamrock' Shamrock Inkberry	#5	Cont.
IVF	Ilex verticillata 'Sparkleberry' Female Compact Winterberry	#5	Cont.
IV	Ilex verticillata 'Sparkleberry' Male Compact Winterberry	#3	Cont.
KL	Kalmia latifolia Mountain Laurel	#5	Cont.
PC	Prunus cistena Beach Plum	#5	Cont.
SC	Sambucus canadensis Elderberry	#5	Cont.
GROUNDCOVER			
DP	Dennstaedtia punctiloba Hay-Scented Fern	#1	Cont.
EP	Eutrochium purpureum Joe-Pye Weed	#1	Cont.
HF	Hemerocallis fulva Native Orange Daylily	#1	Cont.
JC	Juniperus conferta 'Blue Pacific' Blue Shore Juniper	#2	Cont.
RF	Rudbeckia fulgida 'Goldsturm' Black-eyed Susan	#1	Cont.
SS	Solidago serpyvirens Seaside Goldenrod	#1	Cont.
SN	Symphoricarpos novae-angliae New England Aster	#1	Cont.
VA	Vaccinium angustifolium Lowbush Blueberry	#2	Cont.

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

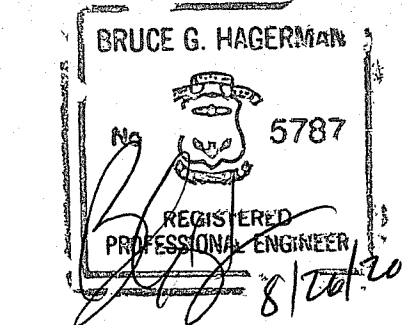
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED 8/19/2020 FILE # 19-0252
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Walter D. Wencek



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: ce@crossmaneng.com

THESE DRAWINGS ARE THE PROPERTY OF CROSSMAN ENGINEERING AND HAVE BEEN PREPARED FOR THEIR CLIENT FOR A SPECIFIC SITE AND PROJECT. THESE DRAWINGS ARE NOT TO BE COPIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF CROSSMAN ENGINEERING.



PROPERTY OWNER:
PASCOAG UTILITY DISTRICT-ELECTRIC
253 PASCOAG MAIN STREET
PASCOAG, R.I. 02859

PROJECT TITLE:
PROPOSED HIGH STREET PARK
HIGH STREET
A.P. 174, LOT 80
BURRILLVILLE, RHODE ISLAND

PREPARED FOR:

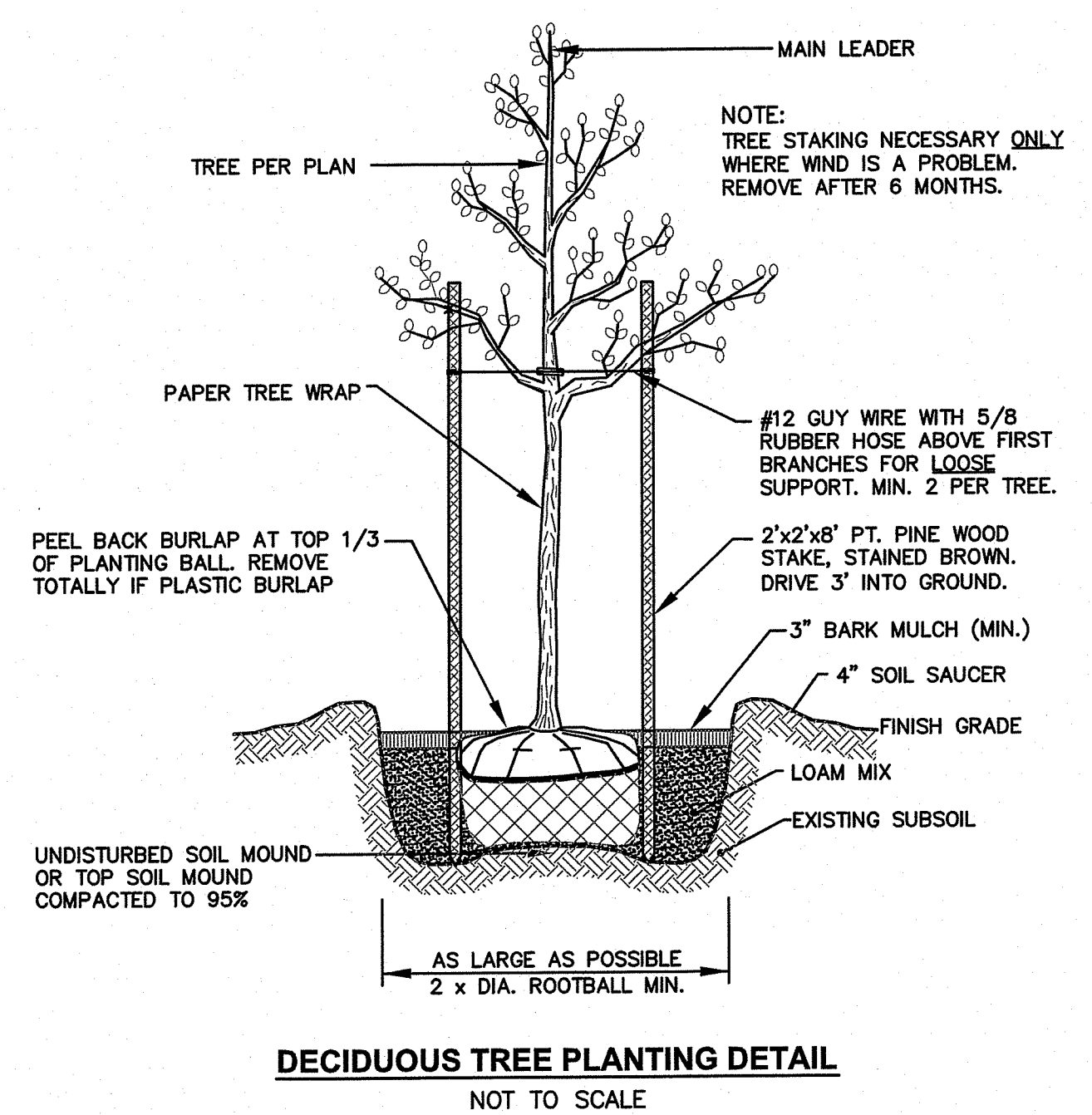
TOWN OF BURRILLVILLE
DEPARTMENT OF PUBLIC WORKS
AND ENGINEERING SERVICES
65 UNION AVENUE
HARRISVILLE, RI 02830

DRAWING TITLE:
LANDSCAPE PLAN

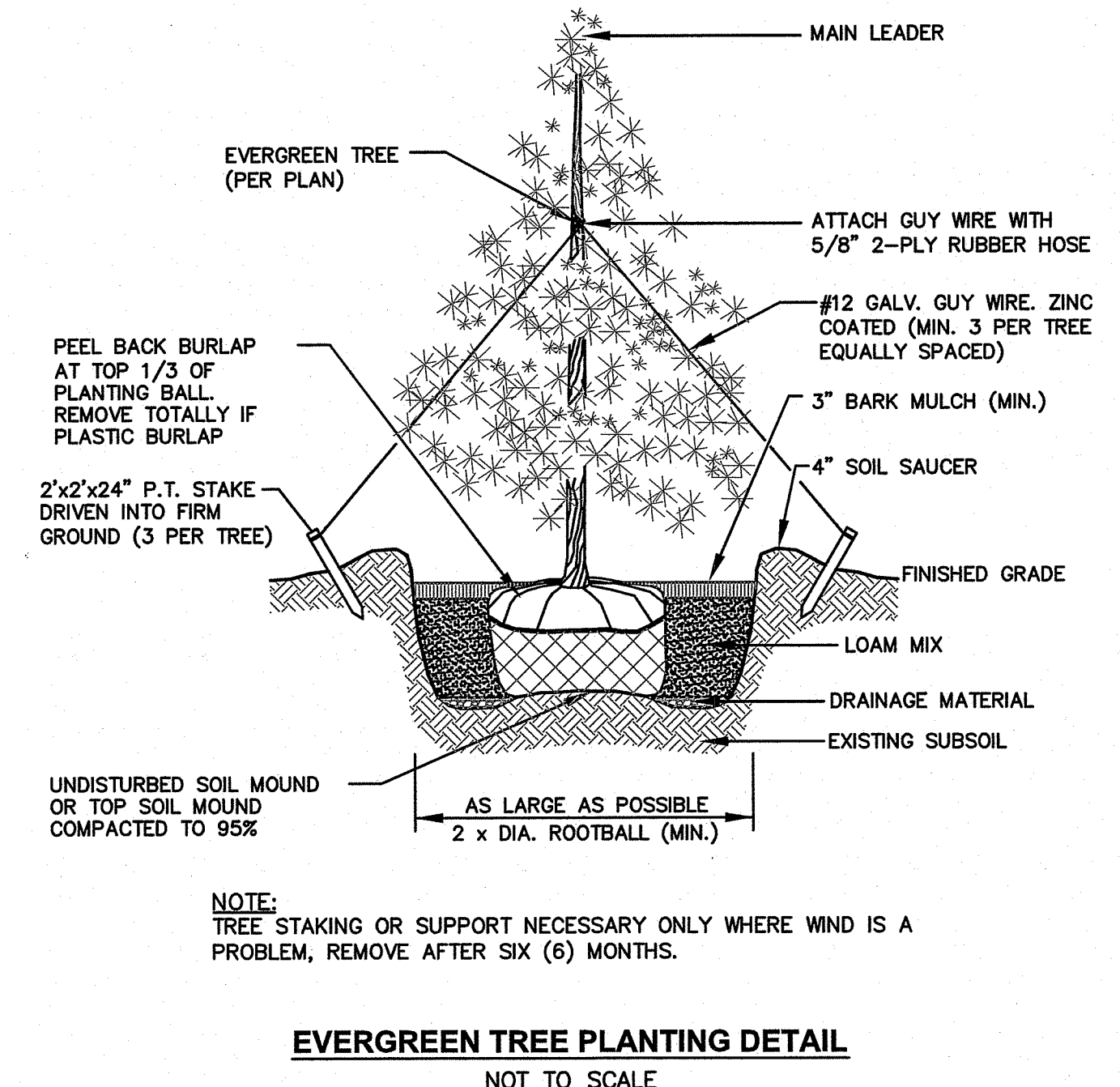
DATE: AUGUST 2020 SCALE: 1" = 20'
DWG. NAME: 2320.20-1.0-LAND.dwg

REVISIONS	NUMBER	REMARKS	DATE
△	1	RIDEM COMMENTS, PLAN ADDED	8/19/2020

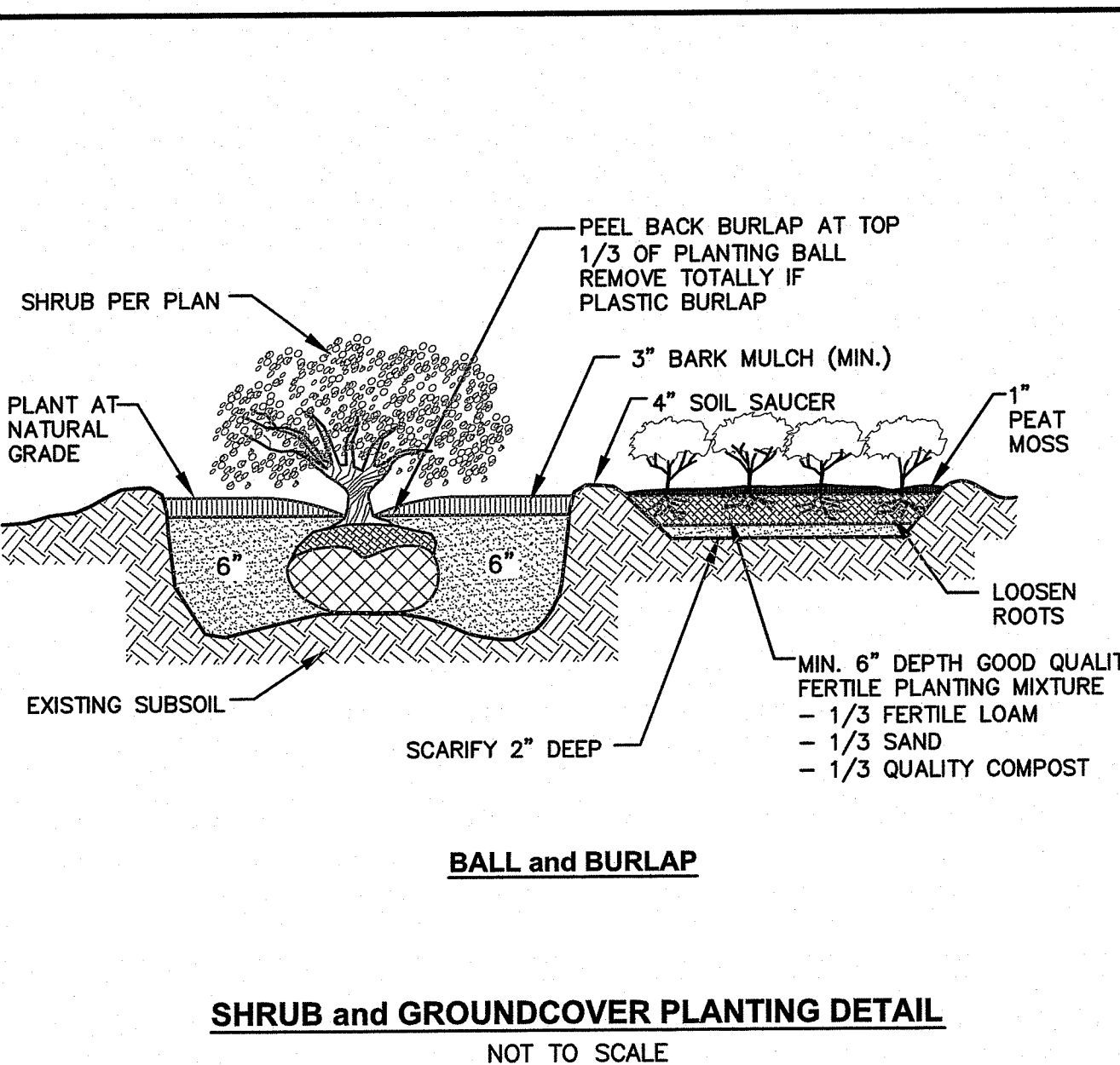
DRAWING NUMBER:
L1.0
SHEET: 9 OF 10



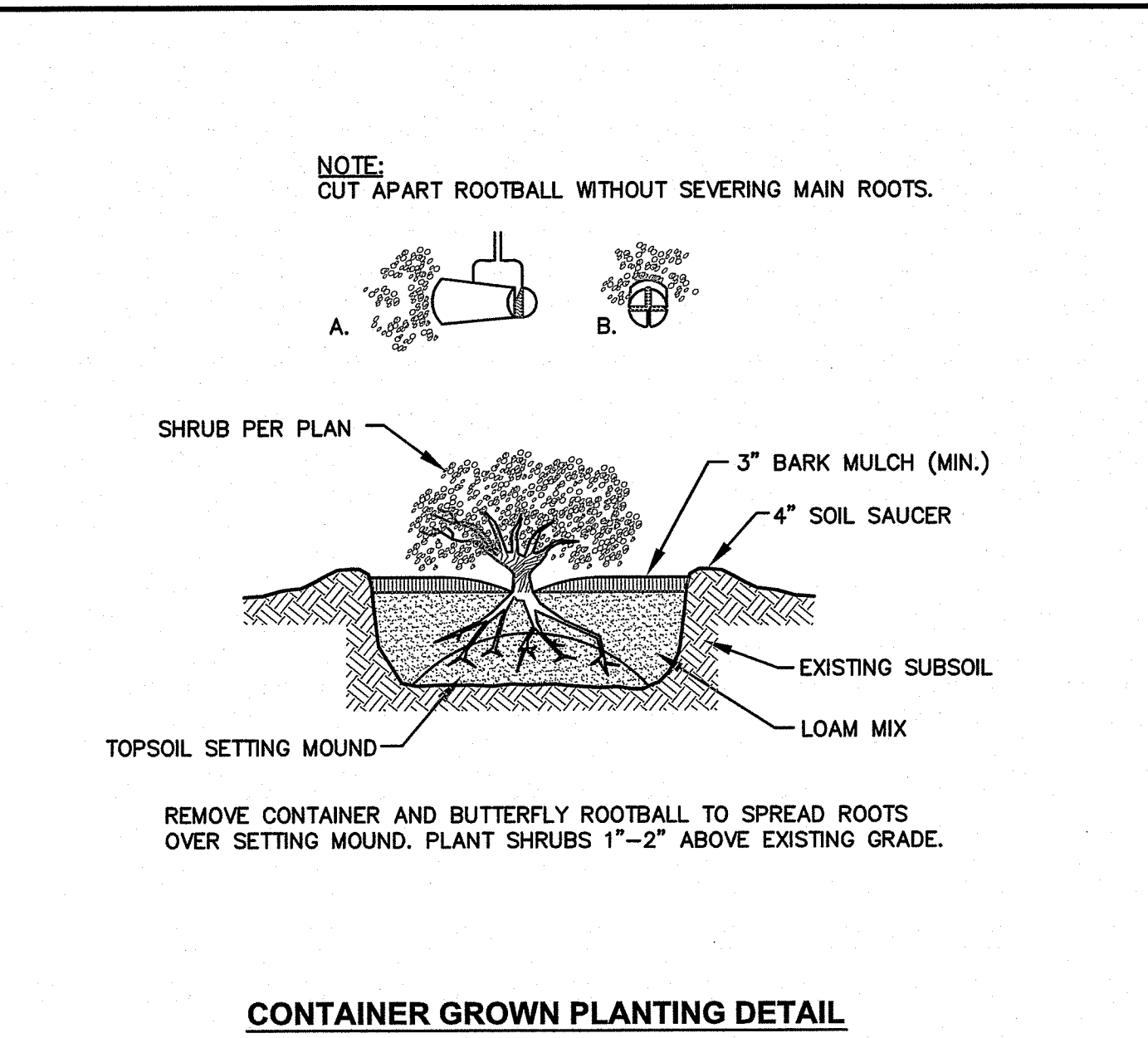
DECIDUOUS TREE PLANTING DETAIL
NOT TO SCALE



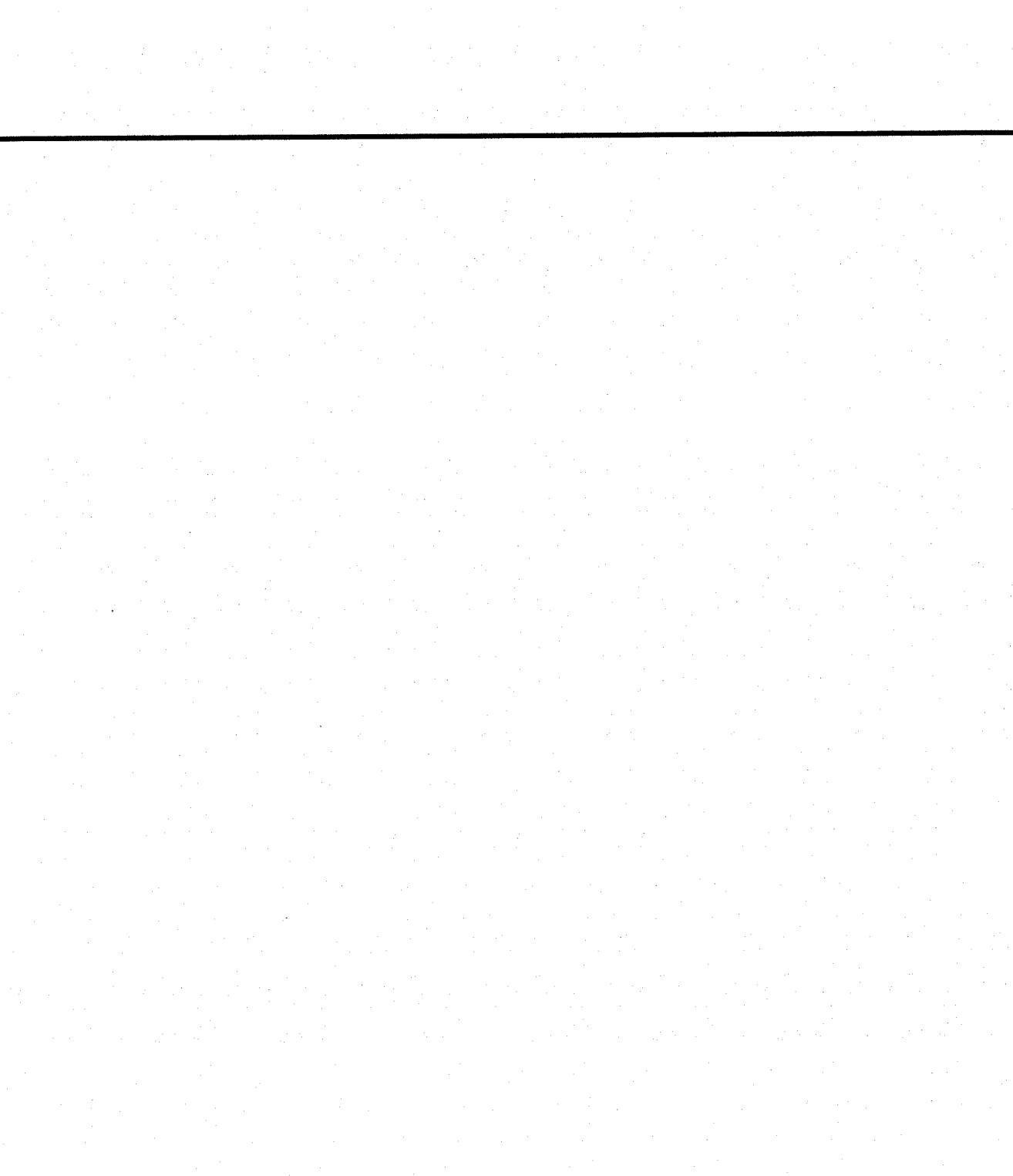
EVERGREEN TREE PLANTING DETAIL
NOT TO SCALE



SHRUB and GROUNDCOVER PLANTING DETAIL
NOT TO SCALE



CONTAINER GROWN PLANTING DETAIL
NOT TO SCALE



PERENNIAL and GROUNDCOVER PLANTING DETAIL
NOT TO SCALE

LANDSCAPE CONSTRUCTION NOTES

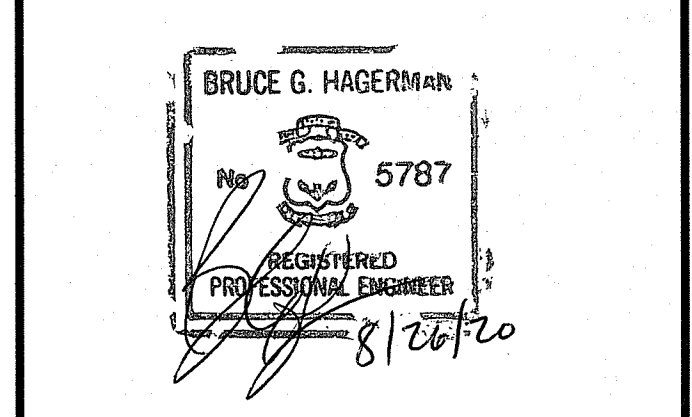
- FURNISH AND INSTALL ALL PLANTS SHOWN ON THE DRAWINGS SPECIFIED HEREIN, AND IN THE QUANTITIES LISTED ON THE PLANT LIST. NO SUBSTITUTIONS WILL BE PERMITTED, UNLESS APPROVED BY THE LANDSCAPE ARCHITECT.
- LOAM TO BE SCREENED, GOOD QUALITY, FERTILE, FREE OF WEEDS, STICKS, STONES OVER 3/4", AND ROOTS. SPREAD TO A MINIMUM OF 6" OVER ALL PLANTED AREAS.
- BIO-RETENTION AREAS-PLANTING SOIL AND MULCH: LOAMY SAND TO A SANDY LOAM-80% SAND <2% SILT, <2% CLAY. WELL AGED GRADED COMPOST (25% OF SOIL MIX). WELL AGED, AERATED DARK BROWN HARD-WOOD MULCH (AGED 6 MONTHS).
- NURSERY STOCK SHALL MEET THE STANDARDS OF THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION AS TO GRADING AND QUALITY.
- ONLY NURSERY-GROWN PLANTS, GROWN IN ACCORDANCE WITH ACCEPTED HORTICULTURAL PRACTICES, AND GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR AT LEAST TWO (2) YEARS, WILL BE ACCEPTED.
- SET PLANTS PLUMB AND AT 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 AND PROPERLY BY FIRING OR TAMPING. FORM SAUCERS, CAPABLE OF HOLDING WATER ABOUT INDIVIDUAL PLANTS, BY PLACING RIDGES OF PLANTING SOIL AROUND EACH.
- STAKE ALL TREES OVER 5 FEET AS SHOWN ON PLANS. REMOVE STAKES AT THE END OF THE GUARANTEE PERIOD.
- WATERING: WATER ALL PLANTS WITHIN 48 HOURS AFTER PLANTING. IF CONDITIONS WARRANT, AND AS MANY TIMES THEREAFTER TO SUSTAIN HEALTHY CONDITIONS UNTIL LANDSCAPE INSTALLATION IS COMPLETED. SATURATE THE SOIL AROUND EACH PLANT THOROUGHLY AT EACH WATERING.
- PRUNING: PRUNE PLANTS, AS DIRECTED BY OWNER, AT THE PROJECT SITE BEFORE OR IMMEDIATELY AFTER PLANTING IN ACCORDANCE WITH THE BEST HORTICULTURAL PRACTICE. CUT BROKEN, DEAD OR INJURED BRANCHES IMMEDIATELY ABOVE THE STEM COLLAR ON THE TRUNK OR LIMB. PRUNE ALL BROKEN ROOTS ON THE PLANT SIDE OF THE BREAK. PAINT CUTS OVER 3/4" IN DIAMETER WITH TREE WOUND PAINT. PRUNING SHALL NOT DEFORM OR OTHERWISE DESTROY THE TYPICAL SHAPE OR SYMMETRY OF THE PLANT, AND SHALL NOT REDUCE THE HEIGHT BY MORE THAN ONE-THIRD. DO NOT CUT BACK THE LEADER OF THE PLANT UNLESS DIRECTED BY THE LANDSCAPE ARCHITECT.
- FERTILIZING: FERTILIZE SHRUB BEDS WITH 10-6-4 FERTILIZER BROADCAST AT A RATE OF THREE POUNDS PER 100 SQUARE FEET OF SURFACE AREA BROADCAST. APPLY THE FERTILIZER UNIFORMLY TO THE SURFACE BEDS AND WORK INTO THE UPPER TWO INCHES OF SOIL. FERTILIZE INDIVIDUAL TREES AT A RATE OF ONE AGRIFORM PELLETT PER INCH OF TRUNK 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.
- LIMING: ADD POWDERED LIME EVERY SIX MONTHS - OR SLOW RELEASE GRANULAR LIME-AS PER MANUFACTURER'S INSTRUCTION.
- MULCHING: WITHIN A 72 HOUR PERIOD AFTER PLANTING, COVER ALL PLANTED AREAS WITH 3" DARK HEMLOCK MULCH. NO RED OR DYED MULCH IS TO BE USED. MULCH SHOULD BE PULLED ONE INCH AWAY FROM PLANT TRUNK OR STEM, AND NOT ALLOWED TO REST DIRECTLY AGAINST THE TRUNK OR STEM.
- GUARANTEE: ALL PLANTS FURNISHED BY THE CONTRACTOR SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER PRELIMINARY INSPECTION AND SHALL BE ALIVE AND IN SATISFACTORY GROWTH AT THE END OF THE GUARANTEE PERIOD. ALL DEAD OR DYING PLANT MATERIAL SHALL BE REPLACED AT ONCE BY THE CONTRACTOR, FREE OF CHARGE. CONTRACTOR SHALL PROVIDE WRITTEN GUARANTEE PRIOR TO CONSTRUCTION COMPLETION.
- CALIPER MEASUREMENTS FOR ALL NEW PLANT STOCK TO BE TAKEN SIX (6) INCHES ABOVE GRADE FOR TREES UNDER FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GRADE FOR TREES OVER FOUR (4) INCHES IN CALIPER.
- ALL TREES SHALL BE LIMBED TO A MINIMUM OF SEVEN (7) FEET ABOVE FINISHED GRADE WHEN TREES ARE LOCATED WITHIN VEHICULAR OR PEDESTRIAN TRAVEL WAYS.
- THE CONTRACTOR SHALL REMOVE ALL STAKES, GUY WIRES AND TAPE FROM TREES AFTER A PERIOD OF ONE YEAR.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 23 2020 FILE # 19-0252
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Jonathan D. Weneck



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

THESE DRAWINGS ARE THE PROPERTY OF CROSSMAN ENGINEERING AND HAVE BEEN PREPARED FOR THEIR CLIENT FOR A SPECIFIC SITE AND PROJECT. THESE DRAWINGS ARE NOT TO BE COPIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF CROSSMAN ENGINEERING.



PROPERTY OWNER:
PASCOAG UTILITY DISTRICT-ELECTRIC
253 PASCOAG MAIN STREET
PASCOAG, R.I. 02859

PROJECT TITLE:
PROPOSED HIGH STREET PARK
HIGH STREET
A.P. 174, LOT 80
BURRILLVILLE, RHODE ISLAND

PREPARED FOR:
TOWN OF BURRILLVILLE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING SERVICES

65 UNION AVENUE
HARRISVILLE, RI 02830

DRAWING TITLE:
LANDSCAPE DETAILS

DATE: AUGUST 2020 SCALE: 1" = 20'

DWG. NAME: 2320.20-C04-SITE.dwg

REVISIONS	NUMBER	REMARKS	DATE
1		RIDEM COMMENTS, PLAN ADDED	8/19/2020

DRAWING NUMBER
L2.0
SHEET: 10 OF 10