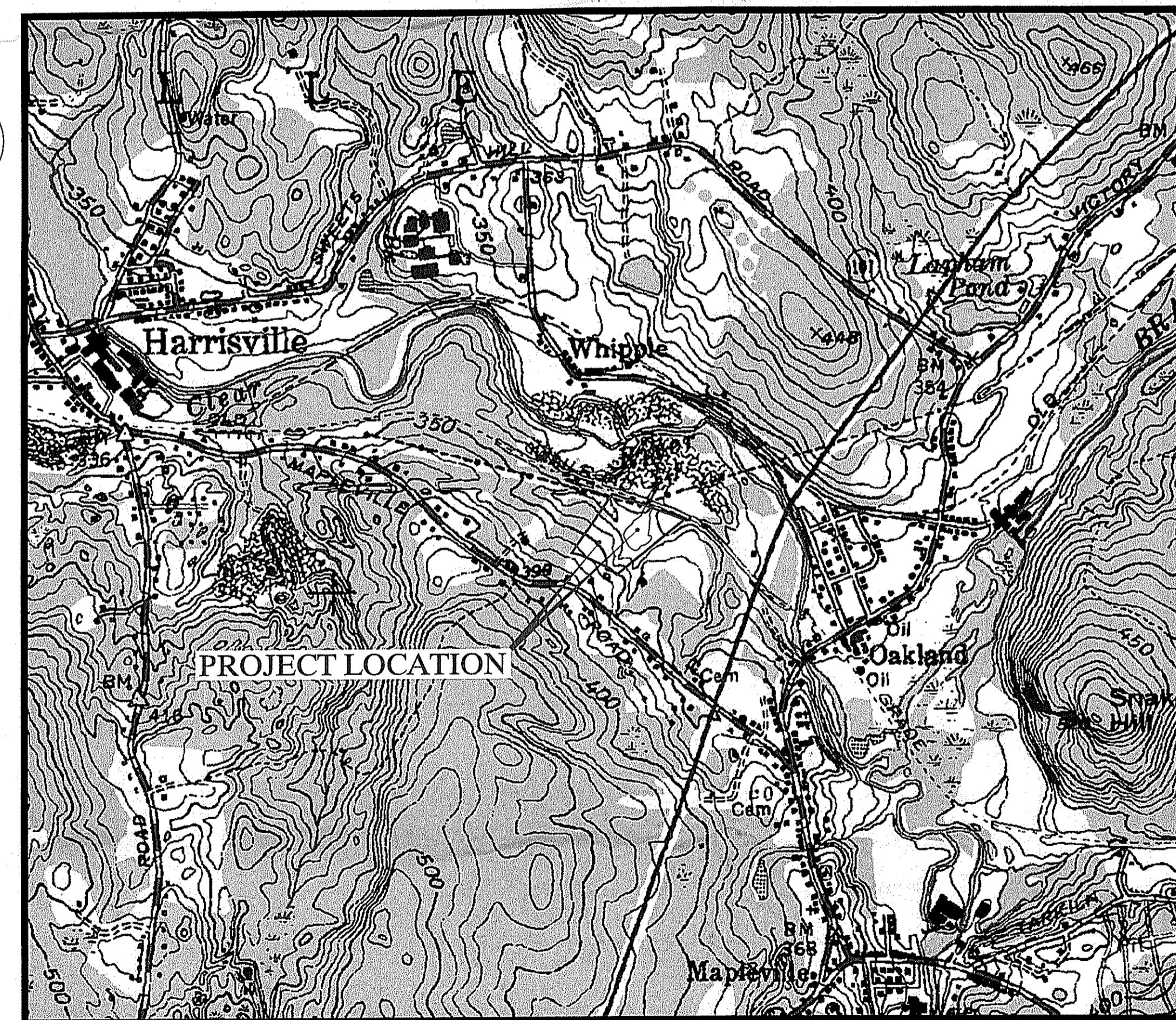


PRELIMINARY SUBMISSION for: CONSUMERS PROPANE - NEW PROPANE TANKS CLEAR RIVER DRIVE | BURRILLVILE, RHODE ISLAND

A.P.: 178 | LOT: 13
AUGUST 2018
REVISED: OCTOBER 2018



LOCUS PLAN
SCALE: 1" = 1000'
0" 1"
BAR IS ONE INCH ON ORIGINAL 24" X 36" DRAWING

Drawing Index

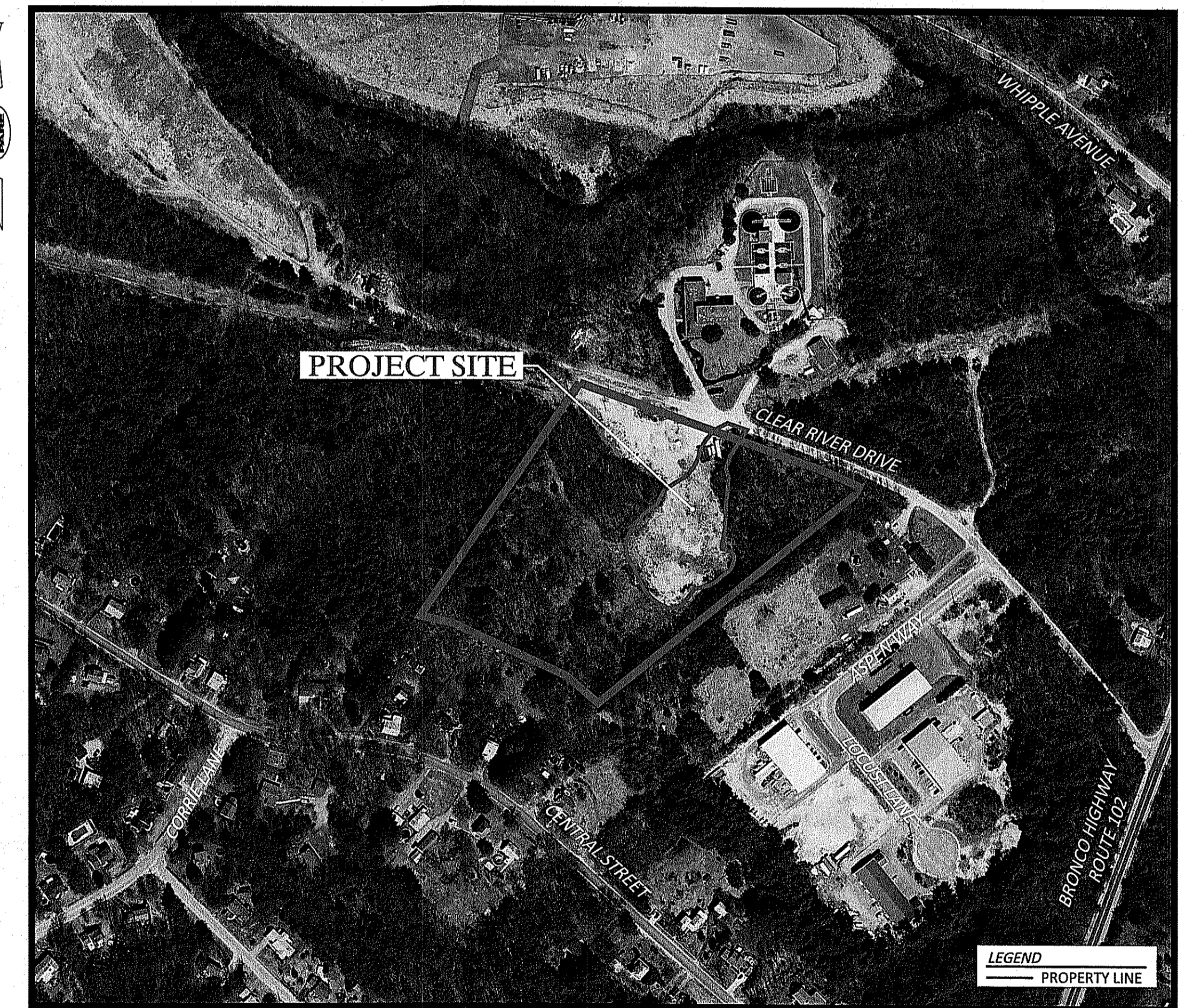
- C0.0 COVER SHEET
- C0.1 GENERAL NOTES AND LEGEND
- C1.0 SITE PREPARATION AND EROSION CONTROL PLAN
- C2.0 STORMWATER IMPROVEMENTS PLAN

Prepared For:

RODNEY TIMPANY c/o
WOONSOCKET CONSUMERS
COAL COMPANY, INC.
dba CONSUMERS PROPANE
139 HAMLET AVENUE
WOONSOCKET, R.I. 02895

Prepared by:

PARE CORPORATION



AERIAL PLAN
SCALE: 1" = 250'

BAR IS ONE INCH ON ORIGINAL 24" X 36" DRAWING
Christopher D. Wenczek
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED OCT 12 2018 FILE # 18-0088
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Environmental Management
OCT 11 2018
OCT 11 2018

PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
10 LINCOLN ROAD, SUITE 210
FOXBORO, MA 02035
508-543-1755



PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100

Consumers Propane - New Propane Tanks
Clear River Drive
Burrillville, Rhode Island

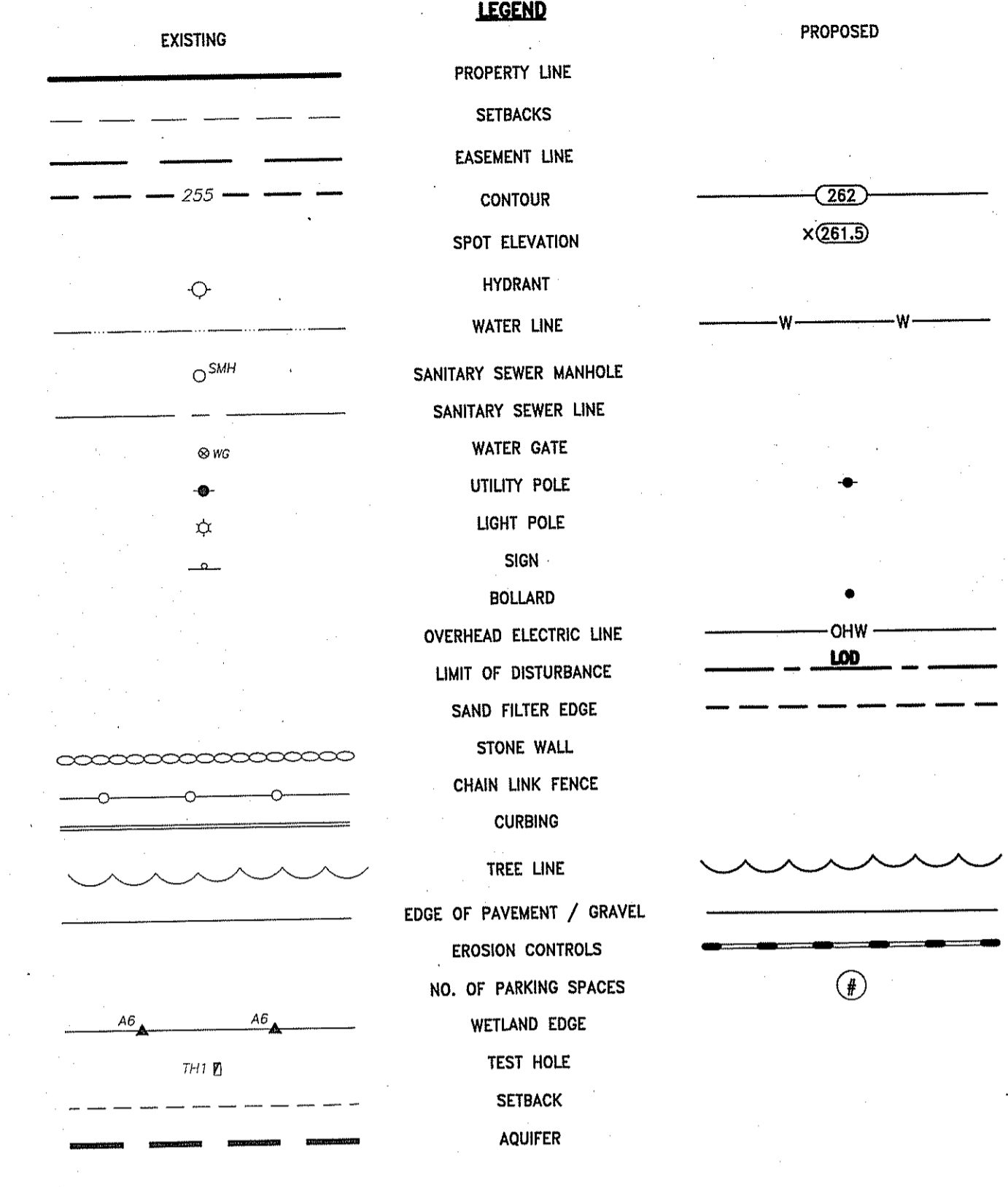
Consumers Propane - New Propane Tanks
Clear River Drive
Burrillville, Rhode Island

Environmental Management
OCT 11 2018
Office of Water Resources

REVISIONS:

NO.	DATE	DESCRIPTION
1	10/02/2018	RIDEM COMMENTS

PROJECT NO.: 18210.00
DATE: AUGUST 3, 2018
SCALE: NOT TO SCALE
DESIGNED BY: LRM
CHECKED BY: LRM
DRAWN BY: AWB
APPROVED BY: LAH
DRAWING TITLE:
NOTES & LEGEND
DRAWING NO.:
C0.1
SHEET NO. 2 OF 4



ABBREVIATIONS
ADA = AMERICANS WITH DISABILITIES ACT
APPROX. = APPROXIMATE
HYD = HYDRANT
LDD = LIMIT OF DISTURBANCE
MIN. = MINIMUM
R=XY = RADIUS
RCP = REINFORCED CONCRETE PIPE
RIDEM = RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
TYP. = TYPICAL
SHOW = SEASONAL HIGH GROUNDWATER
9.9.0 = CONSTRUCTION ACCESS - R.I. STD. 9.9.0

EROSION AND SEDIMENTATION CONTROL NOTES

- THE CONTRACTOR AND RELEVANT SUBCONTRACTORS SHALL READ AND UNDERSTAND THE RIDES GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (GENERAL PERMIT) AND THE SITE SPECIFIC SOIL EROSION AND SEDIMENT CONTROL PLAN (SESC) PREPARED FOR THE PROJECT. ALL EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST REVISION.
- THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE CONDITIONS ISSUED FOR THE PROJECT BY RIDEM AND BE RESPONSIBLE FOR CONFORMANCE WITH ALL PERMIT REQUIREMENTS AND CONSTRUCTION DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING OR INSTALLING ALL TEMPORARY SEDIMENT AND EROSION CONTROLS AS SHOWN ON THESE PLANS AND SHALL MAINTAIN ALL EROSION CONTROL MEASURES AS NECESSARY DURING THE ENTIRE CONSTRUCTION PERIOD.
- ANTI-TRACKING PADS (R.I. STD. DETAIL 9.9.0) SHALL BE PROVIDED AT ALL POINTS OF EGRESS OR INGRESS AND SHALL BE MAINTAINED TO LIMIT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADS.
- EROSION CONTROL BARRIERS SHALL BE INSTALLED AS SHOWN ON THE EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF CONSTRUCTION OPERATIONS.
- SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A WEEKLY BASIS AND AFTER EACH STORM EVENT OF 0.25 INCH OR GREATER DURING CONSTRUCTION TO INSURE THAT CHANNELS, DITCHES AND PIPES ARE CLEAR OF DEBRIS AND THAT THE EROSION CONTROL BARRIERS ARE INTACT. IDENTIFIED DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY.
- DUST SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL CLEAN AND MAINTAIN EROSION CONTROL BARRIER WHEN SEDIMENT ACCUMULATES TO ONE HALF THE HEIGHT OF THE BARRIER. MATERIAL COLLECTED FROM THE SEDIMENTATION BARRIERS SHALL BE REMOVED AS NECESSARY AND DISPOSED IN AN UPLAND AREA.
- THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUB GRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT PONDING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF PRIOR TO APPLICATION OF SURFACE PAVING. PROVIDE TEMPORARY POSITIVE DRAINAGE, AS REQUIRED, TO STABILIZED DISCHARGE POINTS.
- INSTALLATION OF THE EROSION CONTROL BARRIERS AS ILLUSTRATED IS INTENDED TO REPRESENT THE MINIMUM SEDIMENTATION CONTROL FACILITIES NECESSARY TO MEET ANTICIPATED SITE CONDITIONS. ADDITIONAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
- REQUIRED SEDIMENTATION CONTROL FACILITIES MUST BE PROPERLY ESTABLISHED, CLEARLY VISIBLE AND IN OPERATION PRIOR TO INITIATING ANY LAND CLEARING ACTIVITY AND/OR OTHER CONSTRUCTION RELATED WORK. SUCH FACILITIES SHALL REPRESENT THE LIMIT OF WORK. WORKERS SHALL BE INFORMED THAT NO CONSTRUCTION ACTIVITY IS TO OCCUR BEYOND THE LIMIT OF WORK AT ANY TIME THROUGHOUT THE CONSTRUCTION PERIOD.
- THE CONTRACTOR SHALL MAINTAIN A SUFFICIENT RESERVE OF VARIOUS EROSION CONTROL MATERIALS ONSITE AT ALL TIMES FOR EMERGENCY PURPOSES OR ROUTINE MAINTENANCE.
- DEWATERING WASTE WATERS PUMPED FROM EXCAVATIONS WILL BE CONVEYED BY HOSE TO AN UPLAND AREA AND DISCHARGED INTO STRAW BALE CORALS OR SEDIMENTATION BAGS.
- THE CONTRACTOR SHALL NOT REMOVE ANY TEMPORARY SEDIMENT CONTROL BARRIERS UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED.
- CONSTRUCTION SITE WASTE MATERIALS WILL BE PROPERLY CONTAINED ONSITE AND DISPOSED OFF SITE AT A LOCATION IN ACCORDANCE WITH THE LOCAL AND STATE REGULATIONS.
- RIP-RAP OR OTHER ENERGY DISSIPATORS WILL BE USED WHERE NECESSARY TO PREVENT SCOUR.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS UPON COMPLETION OF WORK IN THAT AREA.
- ALL DRAINAGE STRUCTURES SHALL BE CLEARED OF ACCUMULATED SEDIMENT PRIOR TO ACCEPTANCE OF FINAL PROJECT.
- NEWLY VEGETATED AREAS SHALL BE MAINTAINED REGULARLY TO ENSURE STABLE VEGETATED SURFACES.
- EROSION AND SEDIMENTATION CONTROLS WILL BE UTILIZED AS SHOWN ON THE PLANS. POTENTIAL EROSION AND SEDIMENTATION PROBLEMS ASSOCIATED WITH THE CONSTRUCTION OF THE PROJECT WILL BE AVOIDED THROUGH THE PROJECT SCHEDULING AND THE USE OF APPROPRIATE STANDARD CONTROLS (RHODE ISLAND SOIL EROSION AND SEDIMENTATION CONTROL HANDBOOK) AS ILLUSTRATED ON THE PROJECT PLANS.
- WHERE EROSION CONTROLS ARE NEEDED ON IMPERVIOUS SURFACES, THE CONTRACTOR SHALL PROVIDE SAND BAG EROSION CONTROL BARRIER.
- TEMPORARY DIVERSION (TD) MAY CONSIST OF A DITCH OR SWALE, OR MAY BE ACHIEVED USING WOOD CHIPS, COIR LOGS, OR SIMILAR MATERIALS.
- TEMPORARY SEDIMENT TRAPS (TST) AND TEMPORARY SWALES (TSW) SHALL BE SIZED BY THE CONTRACTOR USING THE PARAMETERS CONTAINED IN THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK.

STORMWATER MANAGEMENT SYSTEM INSPECTION AND MAINTENANCE NOTES

- DURING CONSTRUCTION
- THE CONTRACTOR SHALL REMOVE SEDIMENT AND DEBRIS FROM THE DRAINAGE SYSTEM ON A ROUTINE BASIS, IMMEDIATELY FOLLOWING SITE STABILIZATION, AND PRIOR TO PROJECT COMPLETION AND ACCEPTANCE.
 - THE CLOSED DRAINAGE SYSTEM AND ASSOCIATED STRUCTURES SHALL BE CLEANED AND FLUSHED BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF THE DRAINAGE SYSTEM UNTIL ACCEPTANCE OF THE SYSTEM BY THE ENGINEER AND THE TOWN OF BURRILLVILLE. FOLLOWING ACCEPTANCE OF THE PROPOSED DRAINAGE SYSTEM PROPOSED FOR THIS SITE, THE OWNER OF THE SITE SHALL BE RESPONSIBLE FOR THE LONG-TERM INSPECTION AND MAINTENANCE OF THE DRAINAGE SYSTEM.
 - ANY ACCUMULATION OF PONDING WATER IN AREAS WITHIN THE LIMITS OF DISTURBANCE, OTHER THAN DESIGNATED AREAS, SHALL BE REMOVED ACCORDINGLY AND PREVENTED IN THE FUTURE.

- POST CONSTRUCTION
- TRASH, LITTER, SEDIMENT AND OTHER DEBRIS SHALL BE REMOVED FROM ANY STORM WATER FACILITY AT LEAST TWICE A YEAR, PREFERABLY SPRING AND FALL, AT THE COST OF THE OWNER.
 - THE PARKING LOT AND ENTRY DRIVE SHALL BE SWEEPED BY THE OWNER AS EARLY AS POSSIBLE EVERY SPRING AND ONCE IN THE FALL TO REMOVE SEDIMENTS.
 - ALL CLEANING AND MAINTENANCE OF DRAINAGE SYSTEM BMP'S SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.

SAND FILTER INSPECTION, MAINTENANCE, AND REPAIR NOTES

- FOLLOWING CONSTRUCTION, THE COMPLETION OF THE INSPECTION AND MAINTENANCE REQUIREMENTS BELOW SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.
- THE SAND FILTERS SHALL BE INSPECTED AFTER EVERY STORM OF 2.7" INCH OR GREATER FOR TRASH, DEBRIS, SEDIMENT, EROSION, STANDING WATER, AND OVERALL PERFORMANCE. DEFECTS SHALL BE REPAIRED BY THE OWNER.
 - THE SAND FILTERS SHALL BE INSPECTED FOLLOWING THE FIRST 6 MONTHS AFTER CONSTRUCTION FOLLOWING THE FIRST TWO STORM EVENTS OF 1" OR MORE.
 - THE OWNER SHALL MOW GRASS WITHIN THE SAND FILTERS THREE TIMES ANNUALLY. THE VEGETATION SHALL NOT EXCEED 12" IN HEIGHT.
 - IN SPRING, THE OWNER SHALL TRIM VEGETATION AND REMOVE DEAD VEGETATION FROM THE SAND FILTER.
 - REMOVE ACCUMULATED SEDIMENT FROM THE SAND FILTERS TWICE ANNUALLY, ONCE IN THE LATE SPRING AND ONCE IN THE EARLY FALL, OR IF SEDIMENT EXCEEDS 1" IN THE SAND FILTERS.
 - IF PONDING EXCEEDS 48 HOURS, REMOVE AND REPLACE FILTER MEDIA.
 - TRASH AND DEBRIS SHALL BE REMOVED FROM THE SAND FILTERS AS NECESSARY.

REFERENCE

- EXISTING CONDITIONS INFORMATION TAKEN FROM PLAN ENTITLED "FINAL SITE PLAN MINOR LAND DEVELOPMENT FOR WOONSOCKET CONSUMERS COAL COMPANY, INC. PLAT 178, LOT 13 CLEAR RIVER DRIVE BURRILLVILLE, RHODE ISLAND" PREPARED BY MARC N. NYBERG ASSOCIATES, INC., DATE: MARCH, 2018; REVISION 1: PRELIMINARY COMMENTS 5-8-18; SHEET 1 OF 1; JOB NO. 18-015; SCALE: 1" = 60';
 - LIMITED CONTENT BOUNDARY SURVEY: CLASS 1
 - TOPOGRAPHIC ACCURACY T-4
- APPROXIMATE LIMIT OF CURRENTLY MOWED SLOPE WAS SCALED USING 2013/2014 USGS AERIAL ORTHO PHOTO OBTAINED FROM THE RHODE ISLAND GEOGRAPHIC INFORMATION SYSTEM (RIGIS).
- TEST HOLE INFORMATION TAKEN FROM FORM ENTITLED "SITE EVALUATION FORM" PREPARED BY MARC N. NYBERG DATE: 3/1/17 (TH-1 AND TH-2), 3/28/07 (TH-1-TH-8), AND 5/31/05 (TH-1 AND TH-2).

SURVEY NOTES

- OWNER: RODERIC TIMPANY
151 DONAHUE ROAD
PASCOAG, RI 02859
APPLICANT: WOONSOCKET CONSUMERS COAL COMPANY, INC.
139 HAMLET AVENUE
WOONSOCKET, RI 02895
- TOPOGRAPHY BASED ON NAVD 88.
- THE PROPERTY IS NOT LOCATED WITHIN A FLOOD HAZARD ZONE AS SHOWN ON FLOOD INSURANCE RATE MAP 4400700135G DATED: MARCH 2, 2009.
- THIS SITE IS NOT WITHIN A NATURAL HERITAGE AREA, WELLHEAD PROTECTION AREA, LOCAL GREENSPACE PRIORITY OR GREENWAY.
- THERE ARE NO KNOWN HISTORIC CEMETERIES ON OR ADJACENT TO THIS PARCEL.
- SITE IS LOCATED ENTIRELY WITHIN CLEAR RIVER WATERSHED AREA.
- SITE IS LOCATED WITHIN THE ROUTE 102 DEVELOPMENT MANAGEMENT DISTRICT
- LIMITED CONTENT BOUNDARY SURVEY: CLASS 1
TOPOGRAPHIC ACCURACY T-4

GENERAL NOTES

- THE STATE OF RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AMENDED AUGUST 2013 WITH ALL REVISIONS AND ADDENDA, AND THE RHODE ISLAND STANDARD DETAILS ARE MADE A PART HEREOF AS FULLY AND COMPLETELY AS IF ATTACHED HERETO. ALL WORK SHALL CONFORM TO THE RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AMENDED AUGUST 2013 OR LATEST REVISION. THE LATEST REVISION OF THE STANDARD SPECIFICATIONS MAY BE OBTAINED AT THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS, PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE ENGINEER AND OWNER'S REPRESENTATIVE AS REQUIRED.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY. THE CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AND/OR BARRIERS AROUND ALL OPEN EXCAVATED AREAS IN ACCORDANCE WITH OSHA FEDERAL, STATE, AND LOCAL REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED. NO FIELD ADJUSTMENTS IN THE LOCATION OF SITE ELEMENTS SHALL BE MADE WITHOUT THE ENGINEER'S APPROVAL.
- IF ANY DEVIATION OR ALTERATION OF THE WORK PROPOSED ON THESE DRAWINGS IS REQUIRED, THE CONTRACTOR IS TO IMMEDIATELY CONTACT AND COORDINATE WITH THE ENGINEER AND OWNER.
- ANY AREA OUTSIDE OF THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.
- ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS PREPARED FOR THIS PROJECT.
- ALL UTILITIES (LOCATION AND ELEVATION) DEPICTED SHALL BE CONSIDERED APPROXIMATE ONLY. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "DIG SAFE" AT 1-888-DIG-SAFE (1-888-344-7233) TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ALL DAMAGE TO EXISTING UTILITIES OR STRUCTURES, AND THE COST TO REPAIR THE DAMAGES TO INITIAL CONDITIONS, AS SHOWN ON THE PLANS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- NO EXCAVATION SHALL BE DONE UNTIL COMPANIES ARE PROPERLY NOTIFIED IN ADVANCE. NOTE THAT NOT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL RESPECTIVE UTILITY COMPANIES TO VERIFY AND LOCATE EXISTING UTILITIES.

LAYOUT NOTES

- ALL LINES ARE PERPENDICULAR OR PARALLEL TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
- CONTRACTOR TO PERFORM BENCHMARK FIELD LEVEL VERIFICATION AND COORDINATE LAYOUT CHECK PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT PARE CORPORATION IF ANY DISCREPANCIES ARE FOUND.
- DIMENSIONS OF PARKING SPACES AND DRIVEWAYS ARE FROM FACE OF CURB TO FACE OF CURB. DIMENSIONS FROM BUILDING AREA FROM FACE OF BUILDING TO FACE OF CURB.
- ALIGN WALKWAYS ON DOORWAYS THEY SERVE TO PROVIDE MINIMUM REQUIRED MANUEVERING CLEARANCE IN ACCORDANCE WITH THE AMERICAN WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES.

DEMOLITION NOTES

- ALL NOTED UTILITIES TO BE REMOVED AND DISPOSED OF, RELOCATED OR CAPPED REPRESENT ALL KNOWN SITE CONDITIONS TO BE DEMOLISHED. CONTRACTOR TO COORDINATE ALL UNFORESEEN CONDITIONS WITH THE PROJECT ENGINEER, OWNER AND/OR RESPECTIVE UTILITY COMPANIES PRIOR TO PROCEEDING WITH WORK.
- WATER, SEWER, DRAINAGE, GAS, AND OTHER SITE UTILITIES SERVING THE EXISTING FACILITIES ARE TO REMAIN ACTIVE THROUGHOUT CONSTRUCTION.

GRADING AND UTILITY NOTES

- UNDERGROUND UTILITIES DEPICTED WERE COMPILED FROM AVAILABLE RECORD PLANS AND SHALL BE CONSIDERED APPROXIMATE ONLY. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "DIG SAFE" AT 1-888-DIG-SAFE (1-888-344-7233) TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES DEPICTED OR NOT DEPICTED ON THE PLANS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. COSTS TO REPAIR SUCH DAMAGES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE DONE UNTIL UTILITY COMPANIES ARE PROPERLY NOTIFIED.
- ALL WORK PERFORMED AND ALL MATERIALS FURNISHED SHALL CONFORM WITH THE LINES AND GRADES ON THE PLANS AND SITE WORK SPECIFICATIONS.
- AT ALL LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT AND CURBS SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.
- THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION OF PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED.
- WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR AND THE INFORMATION SHALL BE PROVIDED ON A SKETCH TO SCALE OF THE EXISTING UTILITY WITH TIES TO KNOWN POINTS, PHOTOS AND FURNISHED TO THE ENGINEER FOR RESOLUTION.
- GAS, ELECTRIC, AND COMMUNICATIONS ROUTING ARE SUBJECT TO REVIEW AND APPROVAL BY APPROPRIATE UTILITY COMPANIES.
- DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES BY PROVIDING TEMPORARY SUPPORTS OR SHEETING AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
- ALL WATER LINE BENDS AND TEES SHALL BE REINFORCED WITH THRUST BLOCKS. ALL WATER DISTRIBUTION PIPING AND FITTINGS MUST ADHERE TO THE BURRILLVILLE DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS AND SHALL BE INSPECTED BEFORE, DURING, AND AFTER CONSTRUCTION PRIOR TO TAPPING THE SERVICE MAIN.
- EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
- PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MIN. OF 1/8" PER FOOT UNLESS SPECIFIED.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED OCT 12 2018 FILE # 18-0063
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Signature of Marc N. Nyberg

Consumers Propane - New Propane Tanks
 Clear River Drive
 Burrillville, Rhode Island

Environmental Management
 OCT 11 2018
 Office of Water Resources

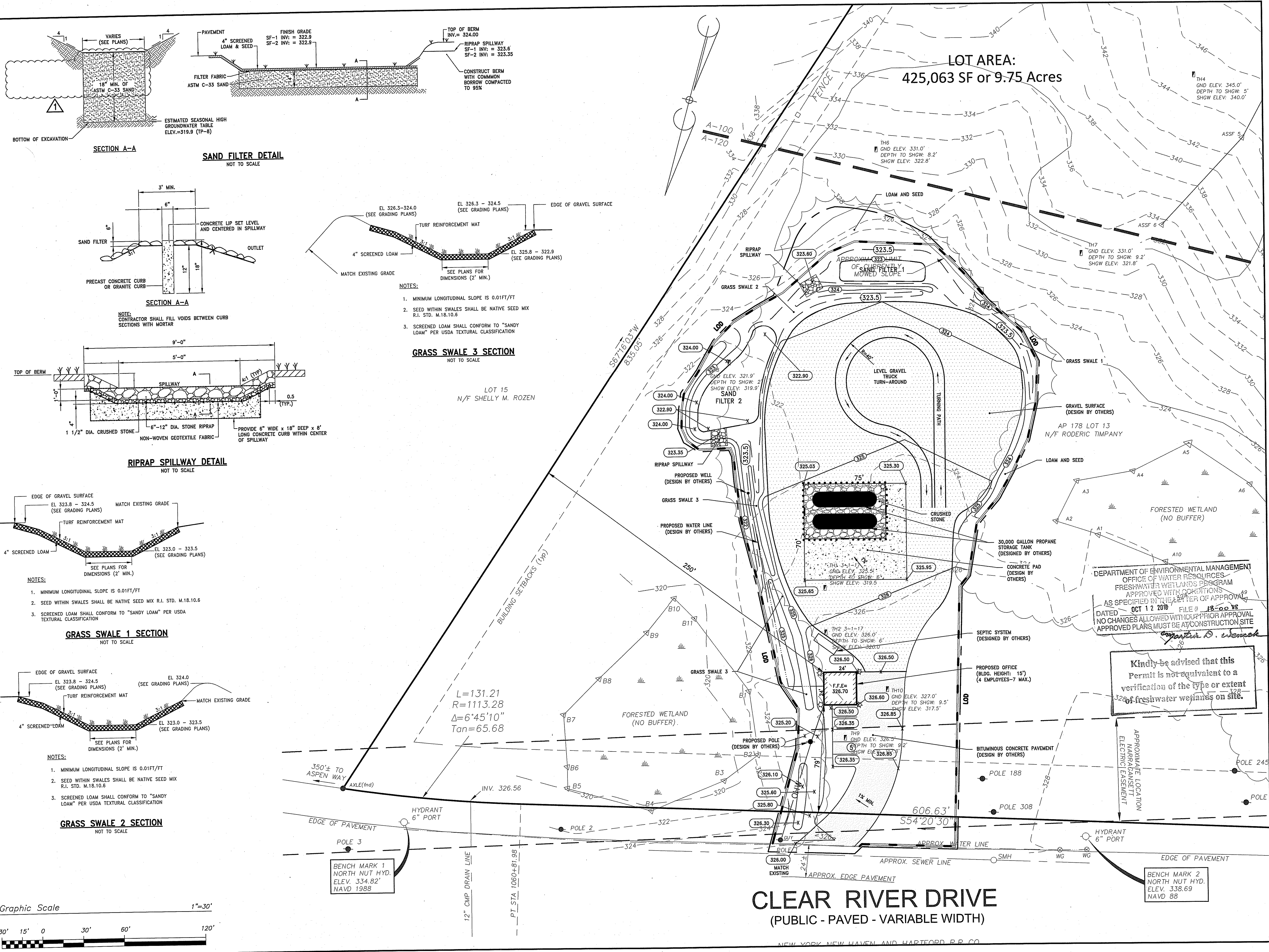
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED OCT 12 2018 FILE # 18-0038
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

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

REVISIONS:

1	10/02/2018	RIDEM COMMENTS
---	------------	----------------

PROJECT NO.: 18210.00
 DATE: AUGUST 9, 2018
 SCALE: 1" = 30'
 DESIGNED BY: LRM
 CHECKED BY: LRM
 DRAWN BY: AWB
 APPROVED BY: LAH
 DRAWING TITLE:
STORMWATER IMPROVEMENTS PLAN
 DRAWING NO.:
C2.0
 SHEET NO. 43 OF 4



LOT AREA:
 425,063 SF or 9.75 Acres

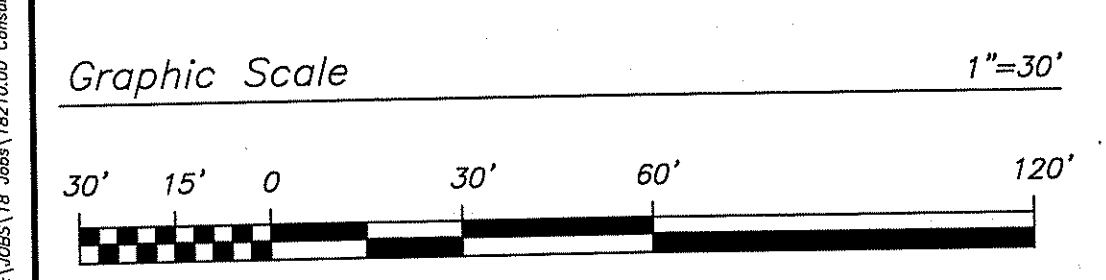
- NOTES:
1. MINIMUM LONGITUDINAL SLOPE IS 0.01FT/FT
 2. SEED WITHIN SWALES SHALL BE NATIVE SEED MIX R.I. STD. M.18.10.6
 3. SCREENED LOAM SHALL CONFORM TO "SANDY LOAM" PER USDA TEXTURAL CLASSIFICATION

- NOTES:
1. MINIMUM LONGITUDINAL SLOPE IS 0.01FT/FT
 2. SEED WITHIN SWALES SHALL BE NATIVE SEED MIX R.I. STD. M.18.10.6
 3. SCREENED LOAM SHALL CONFORM TO "SANDY LOAM" PER USDA TEXTURAL CLASSIFICATION

- NOTES:
1. MINIMUM LONGITUDINAL SLOPE IS 0.01FT/FT
 2. SEED WITHIN SWALES SHALL BE NATIVE SEED MIX R.I. STD. M.18.10.6
 3. SCREENED LOAM SHALL CONFORM TO "SANDY LOAM" PER USDA TEXTURAL CLASSIFICATION

$L=131.21$
 $R=1113.28$
 $\Delta=6^{\circ}45'10''$
 $Tan=65.68$

CLEAR RIVER DRIVE
 (PUBLIC - PAVED - VARIABLE WIDTH)



P:\18210\18210.00\18210.00\Stormwater-Propose Tank RIDEM Appr-18\DWG\C2.0 Stormwater Improvements Plan.rvt