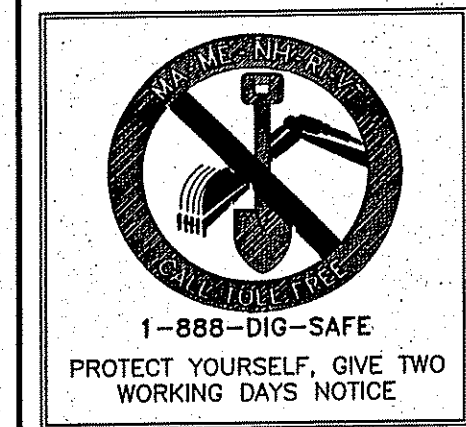
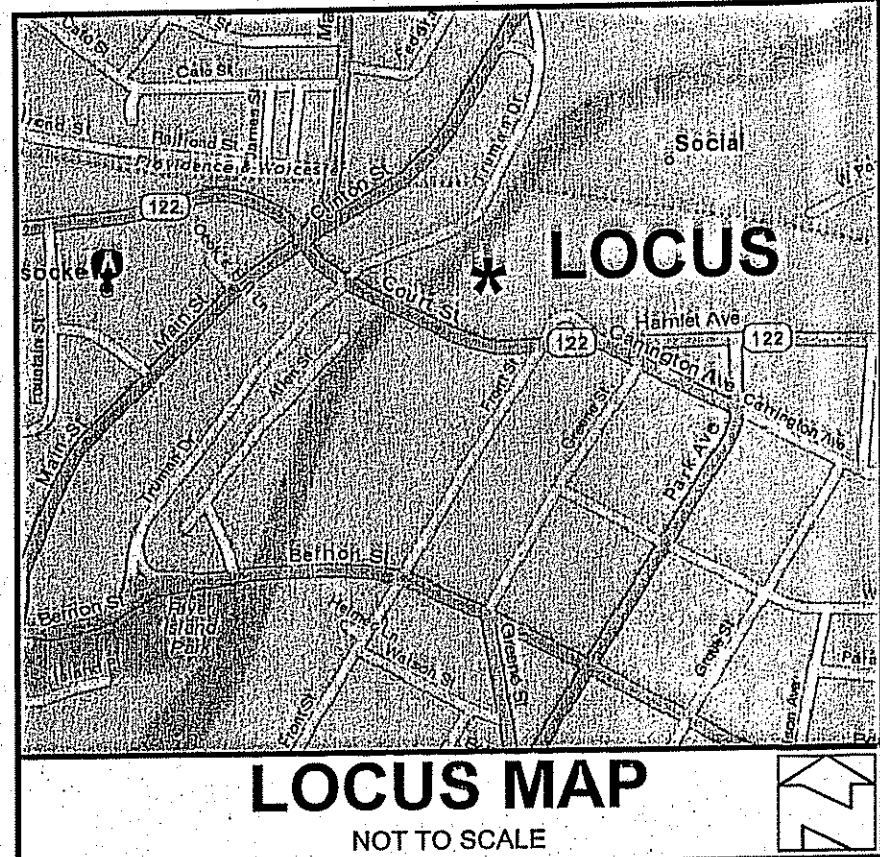
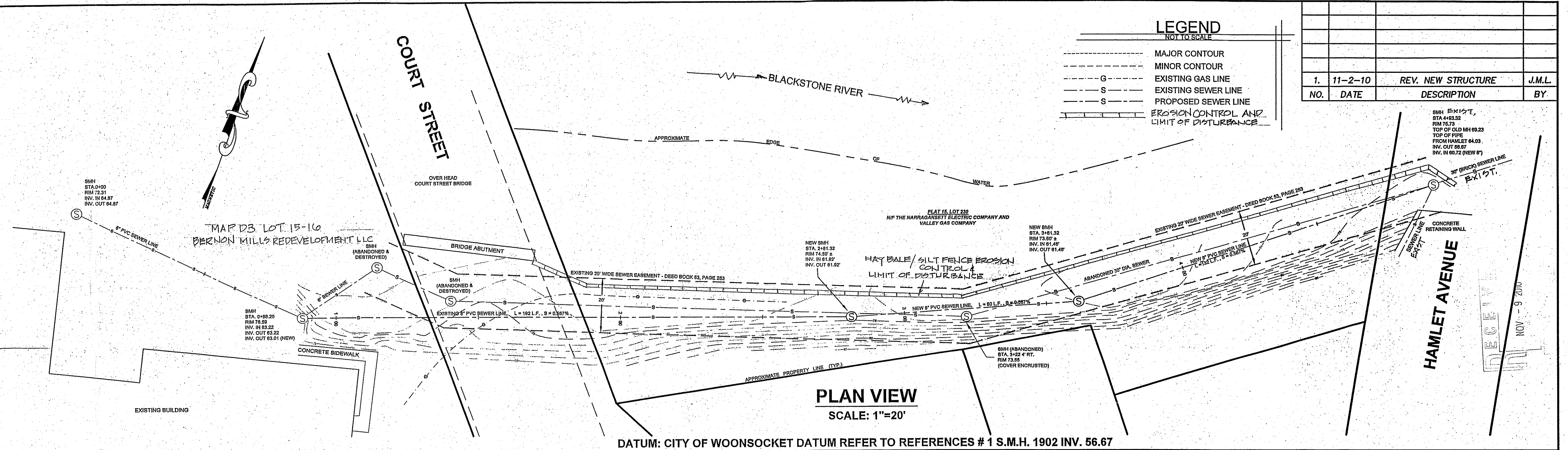




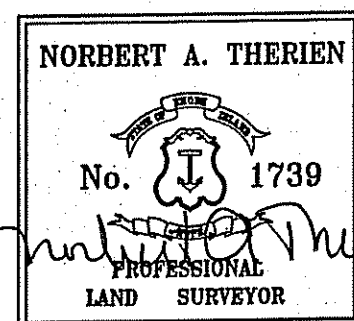
PAUL J. GADOURY
No. 3637
PROFESSIONAL ENGINEER
PAUL J. GADOURY, P.E. #3637
1 SOUTHURY ROAD
CUMBERLAND, RHODE ISLAND 02894



- GENERAL NOTES:**
1. THE LOCATION AND DEPTH OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE LATEST AVAILABLE INFORMATION. THE UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE. THE CONTRACTOR SHALL CHECK AND VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, BOTH OVERHEAD AND UNDERGROUND, AND "DIG-SAFE" MUST BE NOTIFIED PRIOR TO COMMENCING ANY CONSTRUCTION OPERATIONS. RESTORATION AND REPAIR OF DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH NO ADDITIONAL COST THE OWNER. NO EXCAVATION SHALL COMMENCE UNTIL ALL INVOLVED UTILITY COMPANIES AND/OR TOWN WHOSE FACILITIES MIGHT BE AFFECTED BY ANY WORK TO BE PERFORMED BY THE CONTRACTOR ARE NOTIFIED AT LEAST 72 HOURS IN ADVANCE.
 2. THIS SITE LIES WITHIN ZONE AE AREA FLOOD PLAIN AS SHOWN ON THE FIRM MAP FOR THE CITY OF WOONSOCKET, RI COMMUNITY PANEL NO. 44007C0069G, MAP DATED MARCH 02, 2009.
 3. THIS SITE DOES NOT LIE WITHIN ANY KNOWN AGRICULTURAL USE, CIVILCULTURAL USE, NATURAL HERITAGE OR FARMLAND CONSERVATION AREAS.
 4. THERE ARE NO KNOWN EASEMENTS OR RIGHTS OF WAY WITHIN OR ADJACENT TO THIS PARCEL.
 5. THE CONTOURS SHOWN HEREIN ARE BASED UPON THE WOONSOCKET SEWER DATUM.
 6. THERE ARE NO KNOWN HISTORIC CEMETERIES WITHIN OR IMMEDIATELY ADJACENT TO THIS PARCEL.
 7. PROPERTY LINES ARE APPROXIMATE AND TAKEN OFF PLAN ENTITLED: BERNON MILLS ESTATES, 115 FRONT STREET, WOONSOCKET, RI MAP D3, LOT 15-16 AND 15-61-EXISTING CONDITIONS PLAN, SHEET 3 OF 16" BY CASADI & D'AMICO ENGINEERING DATED: JULY, 2008
- REFERENCES:**
1. CROSS COUNTRY SEWER TRUCK LINE-BLACKSTONE VALLEY GAS TO ALLEN STREET, PLAN 10-23 FILED IN THE CITY OF WOONSOCKET ENGINEERS OFFICE.

"I CERTIFY THAT THE INFORMATION SHOWN HEREON HAS BEEN OBTAINED BY AN ACTUAL SURVEY ON THE GROUND, THAT IT IS CORRECT AND THIS SURVEY AND PLAN CONFORM TO A CLASS III STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.

BY: *Norbert A. Therien*
NORBERT A. THERIEN P.L.S.

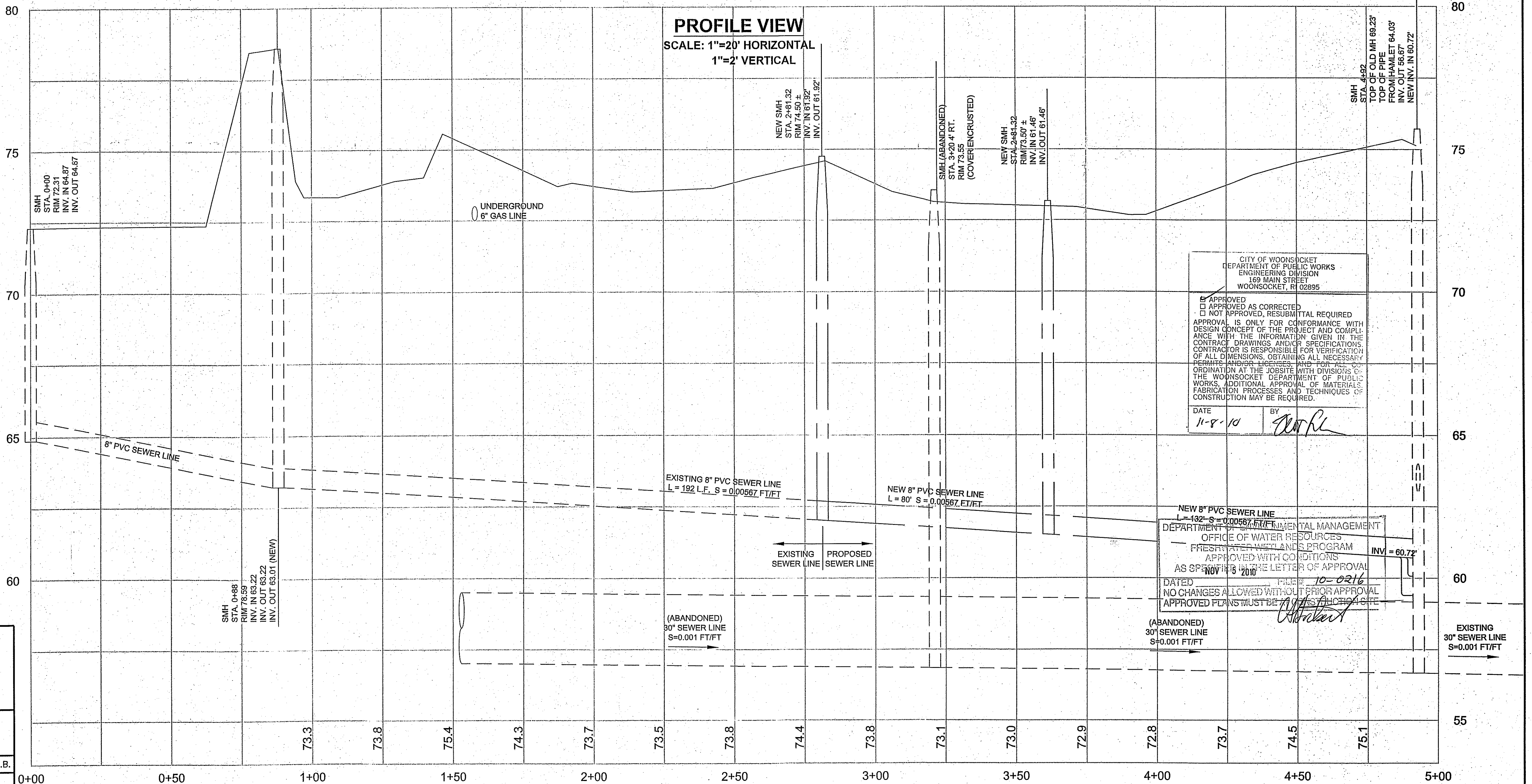


NATIONAL
Surveyors-Developers
Inc.
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(401) 769-7779

BERNON MILL ESTATES
PLAT 15, LOT 230
115 FRONT STREET
WOONSOCKET, RHODE ISLAND

PLAN & PROFILE

DRAWN BY: W.C.R. CHECKED BY: N.A.T. FIELD BY: W.C.R., J.B.
OCTOBER, 2010 JOB No. 2010-122 SHEET 1 OF 2



1.	11-2-10	REV. NEW STRUCTURE	J.M.L.
NO.	DATE	DESCRIPTION	BY

SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

- ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND TO THE SATISFACTION OF THE ENGINEER, PRIOR TO THE BEGINNING OF SITE PREPARATION, OR ANY CONSTRUCTION ACTIVITIES.
- THE EROSION CONTROL SHALL BE INSPECTED ON A WEEKLY BASIS BY THE CONTRACTOR, AS WELL AS FOLLOWING EVERY RAINFALL EVENT, AND THESE DEVICES SHALL BE REPAIRED OR REPLACED IF FOUND TO BE DAMAGED.
- SEDIMENT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR WHEN IT REACHES A HEIGHT OF $\frac{1}{2}$ THE HEIGHT OF THE STAKED HAY BALES.
- THE CONTRACTOR SHALL MAINTAIN THE PROPOSED SOIL EROSION AND SEDIMENT CONTROL MEASURES UNTIL CONSTRUCTION IS COMPLETED, ALL SURFACES ARE STABILIZED AND AT THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF EROSION CONTROLS FOLLOWING ACCEPTANCE BY THE CITY OF WOONSOCKET AND THE ENGINEER.

BMP MAINTENANCE SCHEDULE:

ALL MAINTENANCE (INCLUDING CLEANING) REQUIRED DURING THE CONSTRUCTION PHASE OF THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL INCLUDE:

INSPECTION OF ALL SLOPES, BERMS, AND OTHER CONTROL STRUCTURES (INCLUDING ROADWAY SIDE SLOPES, FOR STRUCTURAL INTEGRITY/STABILITY AND EVIDENCE OF SOIL EROSION PROCESSES, AND MAINTENANCE OF THESE STRUCTURES IF NECESSARY. INSPECTIONS SHALL BE PERFORMED FOLLOWING ALL RAIN EVENTS OF $\frac{1}{2}$ INCH RAINFALL OR MORE IN A 24 HOUR PERIOD, OR IMMEDIATELY IF NO RAINFALL EVENT OCCURS.

REPLANTING, REGRADING, OR OTHER REPAIRS NEEDED AS A RESULT OF SOIL EROSION AND SEDIMENTATION PROCESSES SHALL BE DONE PROMPTLY.

SITE PLAN NOTES:

DETAILED ENGINEERING REVIEW FOR PROPOSED UTILITIES COVERED UNDER SEPARATE SUBMISSION TO GOVERNING AGENCIES, THE DETAILED ENGINEERING PLANS FOR UTILITY INSTALLATION AND CONNECTION HAVE NOT BEEN PROVIDED UNDER THIS SUBMISSION.

THE LOCATION AND DEPTH OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE LATEST AVAILABLE INFORMATION. THE UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE. THE CONTRACTOR SHALL CHECK AND VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, BOTH OVERHEAD AND UNDERGROUND, AND "DIG-SAFE" MUST BE NOTIFIED PRIOR TO COMMENCING ANY CONSTRUCTION OPERATIONS. RESTORATION AND REPAIR OF DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER. NO EXCAVATION SHALL COMMENCE UNTIL ALL INVOLVED UTILITY COMPANIES AND/OR TOWN WHOSE FACILITIES MIGHT BE AFFECTED BY ANY WORK TO BE PERFORMED BY THE CONTRACTOR ARE NOTIFIED AT LEAST 72 HOURS IN ADVANCE.

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING POLICE PROTECTION. ALL TEMPORARY AND VEHICULAR BARRIERS, BARRICADES AND LANE CLOSURES SHALL BE IN CONFORMANCE WITH THE LATEST REVISIONS OF MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.)

TEMPORARY CONSTRUCTION SIGNS AND ALL APPLICABLE TRAFFIC CONTROL DIVIDES SHALL BE IN PLACE PRIOR TO THE START OF WORK IN ANY AREA OPEN TO TRAFFIC.

THE PRIVATE VEHICLES OF CONSTRUCTION WORKERS WILL NOT BE PARKED IN THE STATE RIGHT-OF-WAY.

ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONTROL SETUPS, SIGNS CHANNELLING DEVICES, ETC. SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 1988 EDITION, INCLUDING DIVISION 5, SEPTEMBER 5, 1993 AND SUBSEQUENT ADDENDA.

SIGN MOUNTINGS SHALL BE IN ACCORDANCE WITH THE R.I.D.O.T. SPECIFICATIONS FOR TEMPORARY CONSTRUCTION SIGNS.

ESTABLISHMENT OF VEGETATIVE COVER:

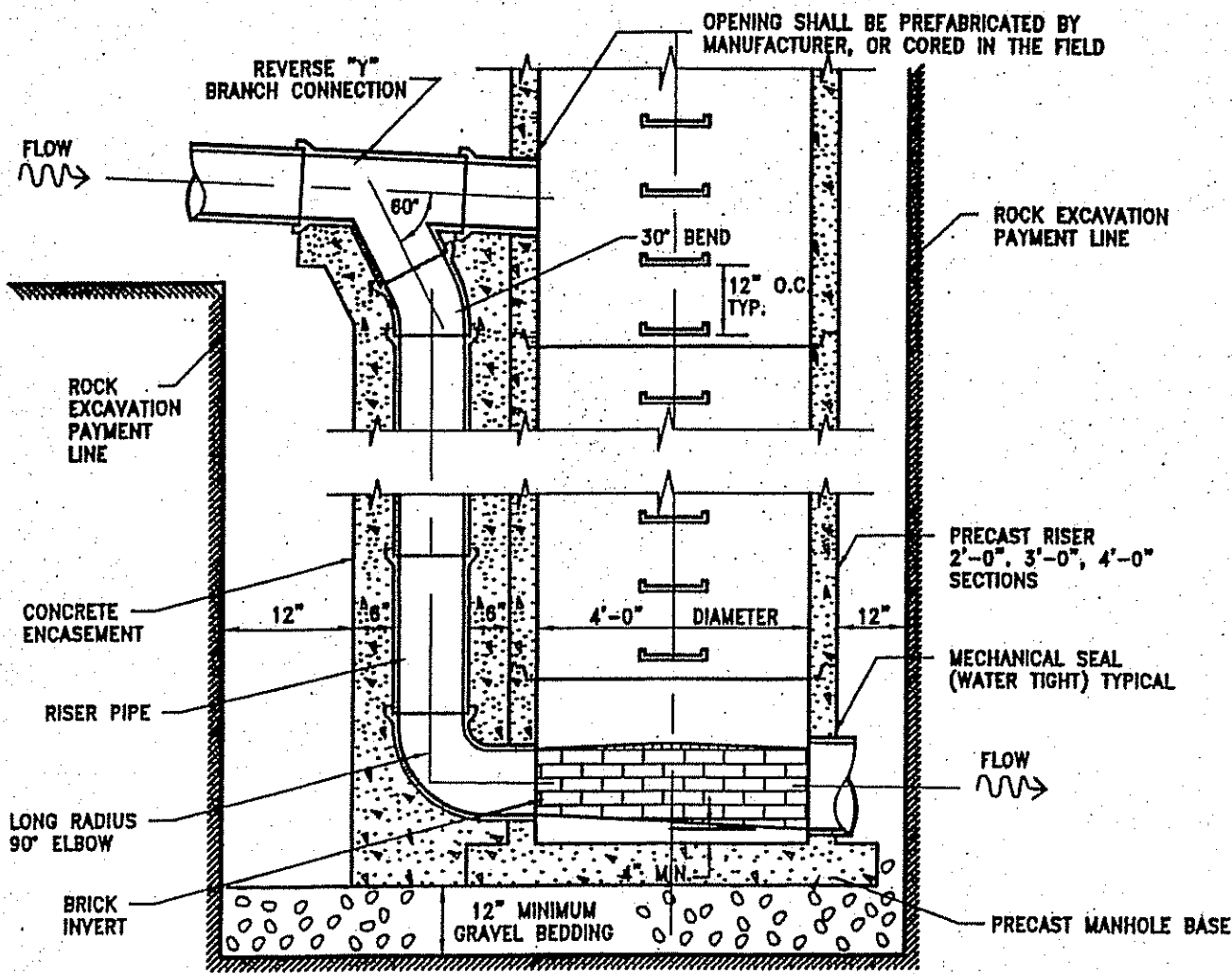
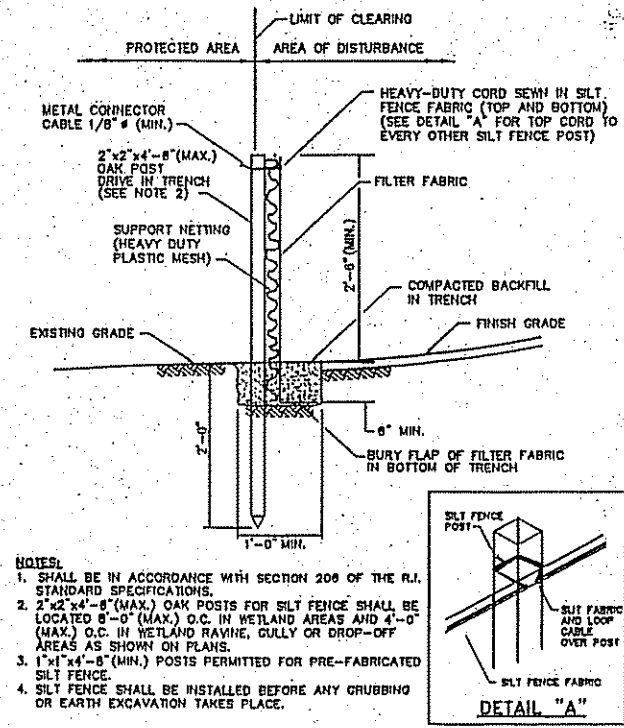
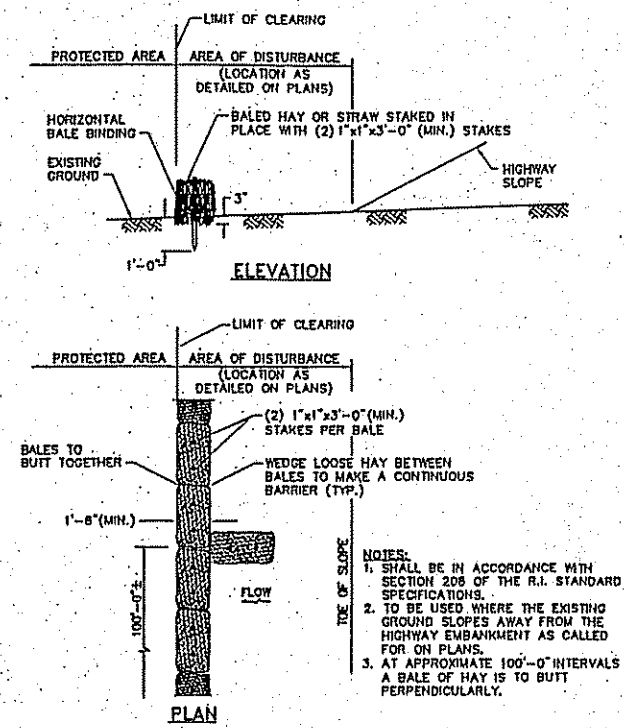
ALL FILL SHALL BE THOROUGHLY COMPACTED UPON PLACEMENT IN STRICT CONFORMANCE WITH THE R.I. STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 202.

SLOPES SHALL NOT BE LEFT UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON.

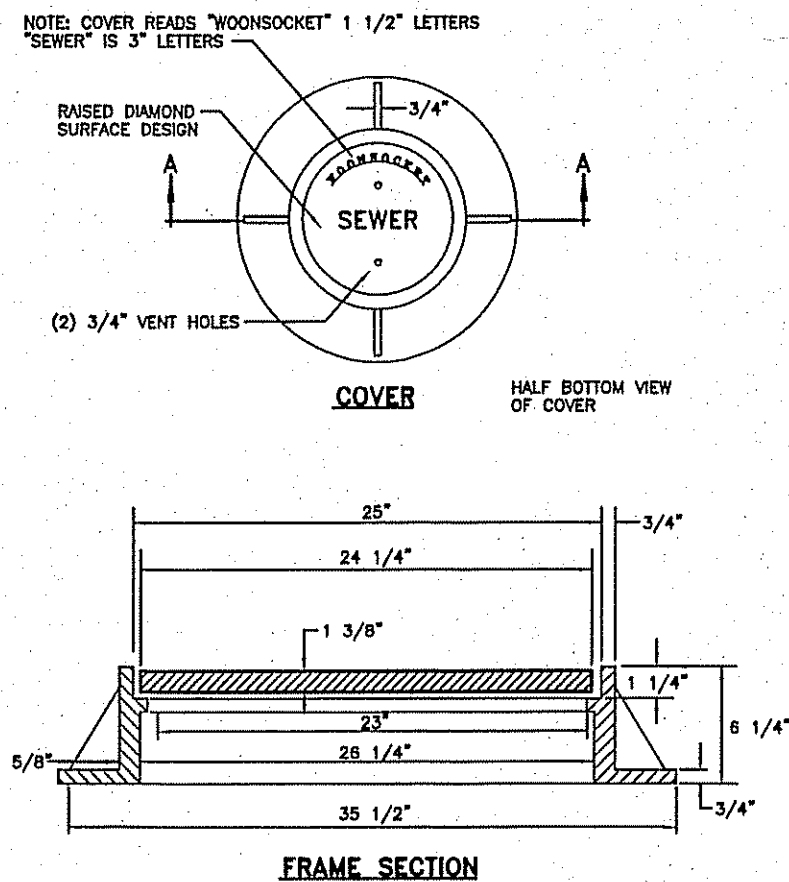
THE TOPSOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS AND SHALL CONFORM TO RHODE ISLAND STANDARD SPECIFICATION A.20.

THE SEED MIX TO BE USED ON SLOPE APPROACHING WETLAND SHALL BE THE NEW ENGLAND CONSERVATION/WILDLIFE MIX FROM NEW ENGLAND WETLAND PLANTS, INC. OR APPROVED EQUAL APPLIED AT A RATE OF 25 LBS. PER ACRE AND MULCHED WITH STRAW.

EARLY SPRING OR LATE SUMMER SEEDING IS RECOMMENDED. LIME AND FERTILIZER AS REQUIRED BY SOIL TESTING TO COMPLIMENT OR UPGRADE EXISTING CONDITIONS.

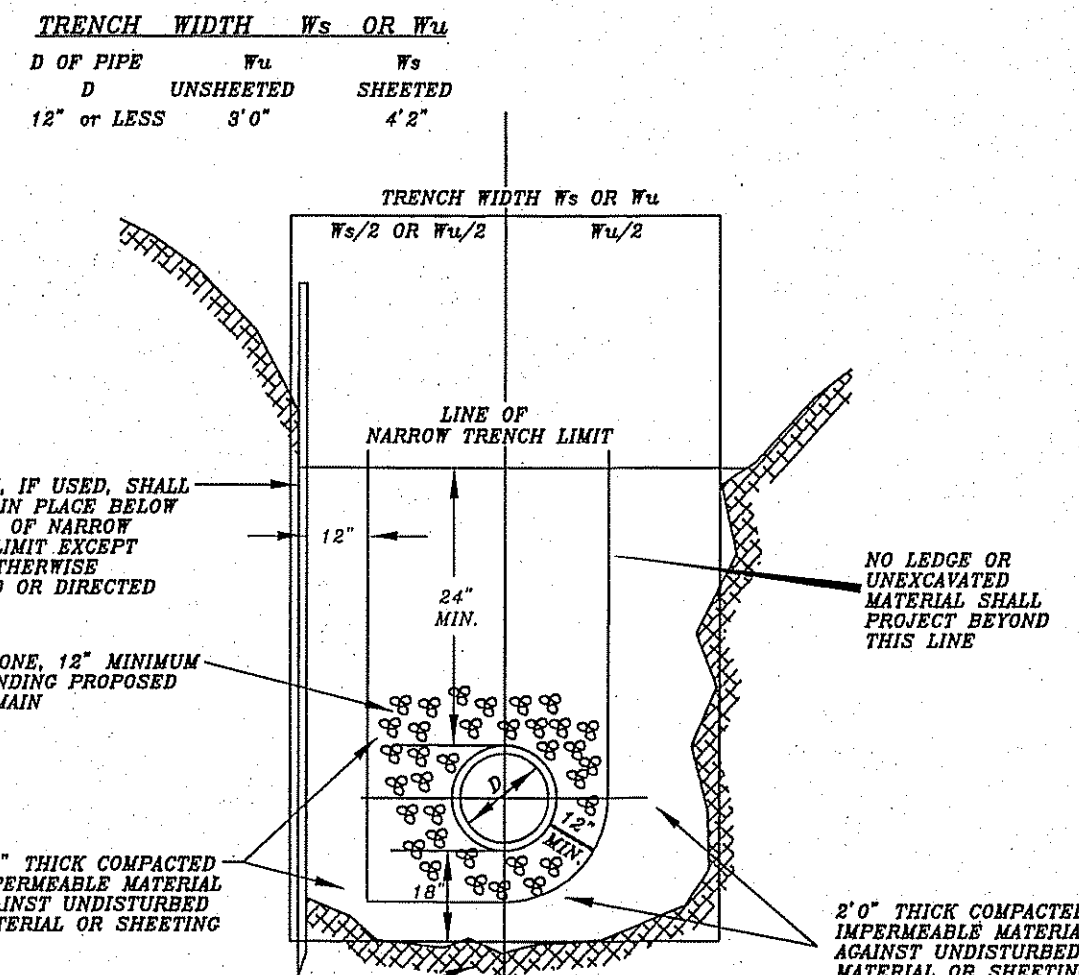


TYPICAL DROP MANHOLE SECTION
NOT TO SCALE

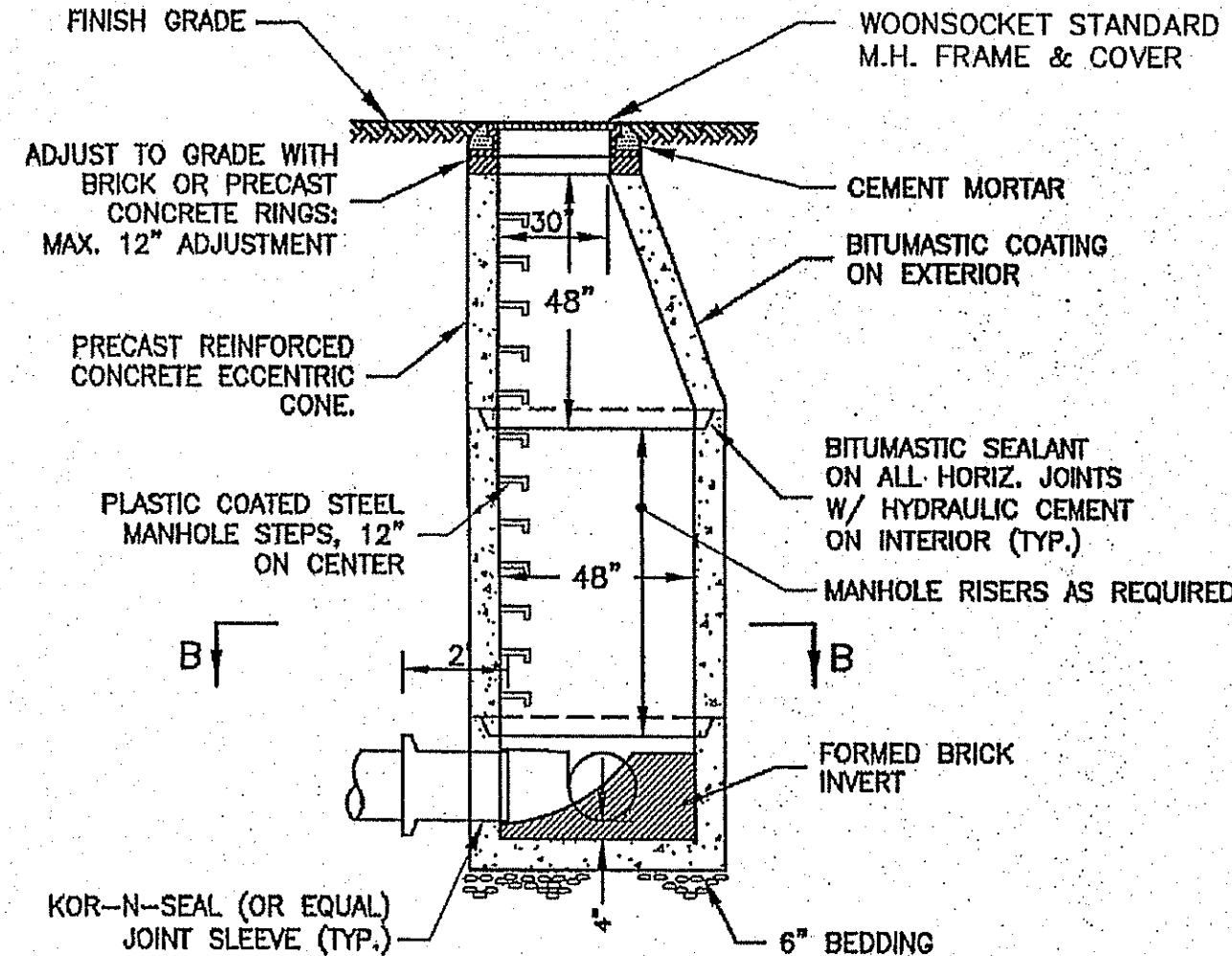


STANDARD MANHOLE DETAIL
CITY OF WOONSOCKET
ROUND FRAME AND COVER

NOT TO SCALE



SEWER TRENCH SECTION DETAIL
NOT TO SCALE



NOTE: ALL LIFTING HOLES TO BE PLUGGED IN AND OUT WITH HYDRAULIC CEMENT.

SANITARY MANHOLE DETAIL
NOT TO SCALE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED NOV 15 2010
FILE # 10-0216
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT SCALE AND SIGNATURE

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DETAILS

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OCTOBER, 2010	JOB No. 2010-122	SHEET 2 OF 2