

LEGEND

- | | | | | |
|--|-----|-----------------|--|------------------------|
| | 300 | CONTOUR | | CATCH BASIN |
| | | CHAINLINK FENCE | | DRAIN MANHOLE |
| | | WOOD GUARDRAIL | | SIGN ON SINGLE POST |
| | | STORM DRAIN | | UTILITY POLE |
| | | WATER | | 300x5 SPOT GRADE |
| | | GAS | | DYL DOUBLE YELLOW LINE |
| | | CURB | | HANDICAPP PARKING |
| | | BITUMINOUS BERM | | SOIL TESTHOLE |

PROPOSED

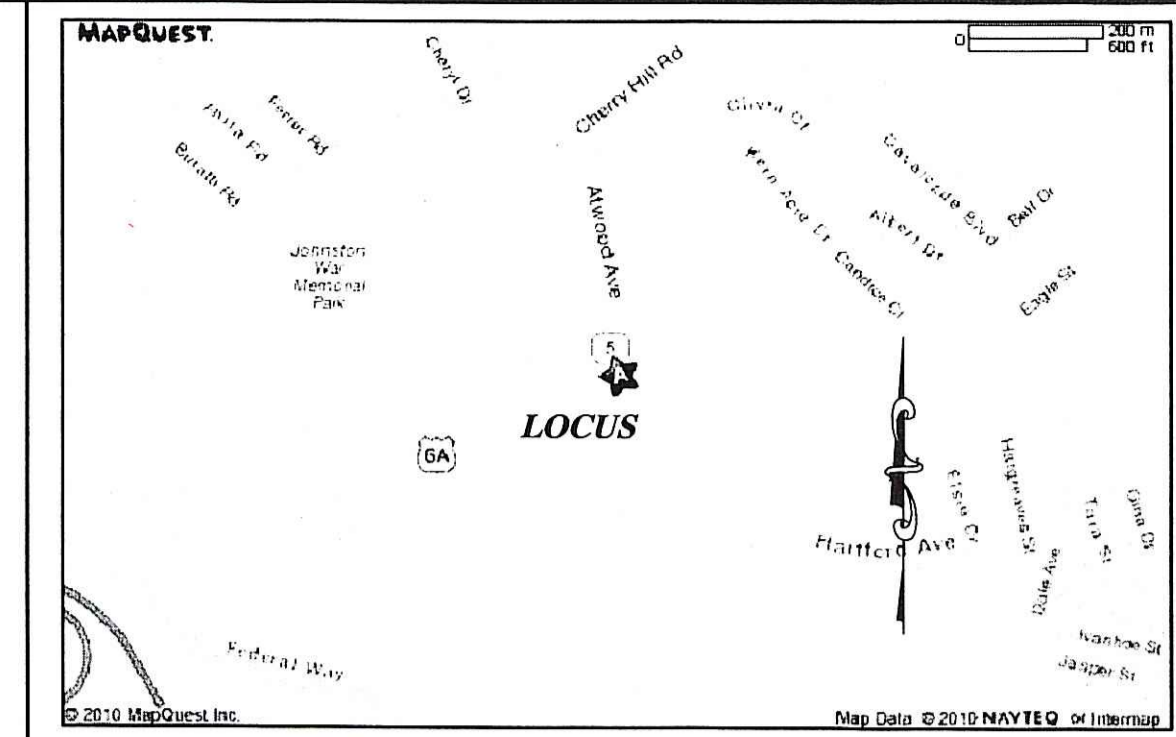
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| | DYL DOUBLE YELLOW LINE |
| | HANDICAPP PARKING |
| | SOIL TESTHOLE |

Flood Note

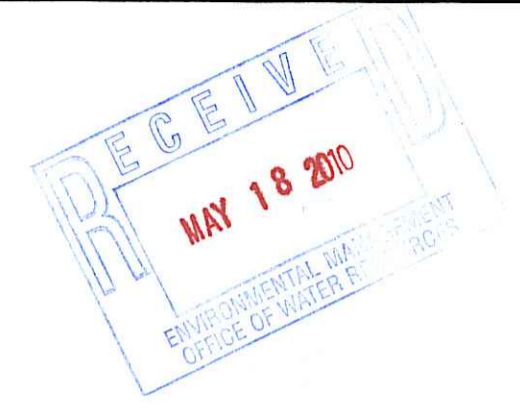
FLOOD NOTE - ZONE X AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN PANEL #44007C0303G, EFFECTIVE DATE MARCH 2, 2009.

Soil Note

THE ENTIRE DEVELOPED PORTION OF THE SITE CONSISTS OF (WoB) WOODBRIDGE VERY STONY FINE SANDY LOAM 0-8% SLOPE



LOCUS MAP NOT TO SCALE



Atwood Avenue (ROUTE 5)
STATE HIGHWAY PLAT #1609

EXIST. OFFICE BLDG
1359 ATWOOD AVE

BENCHMARK:
PK NAIL SET
SPINDLE
EL=100.03 DAT ASUM.

A.P. 20 LOT 79
TOTAL AREA = 1.94 ACRES

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

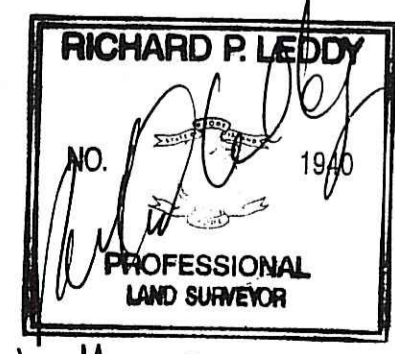
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 18 2010 FILE # 70-0653
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

CERTIFICATION:

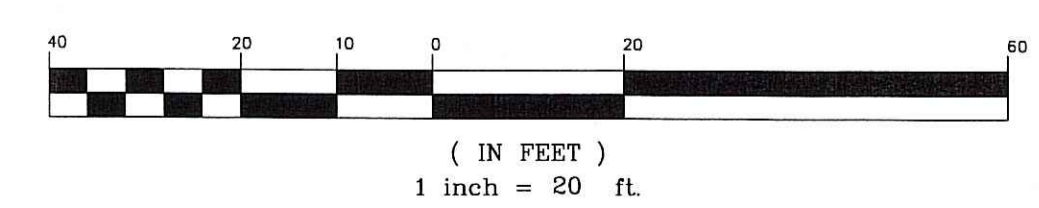
THIS SURVEY AND PLAN CONFORM TO THE FOLLOWING CLASS STANDARDS AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.

BOUNDARY SURVEY CLASS IV
TOPOGRAPHIC SURVEY CLASS III

BY: *Richard P. Leddy* 5/18/10
REGISTERED PROFESSIONAL LAND SURVEYOR DATE



Leddy Survey
P.O. Box 3812
Attleboro, MA

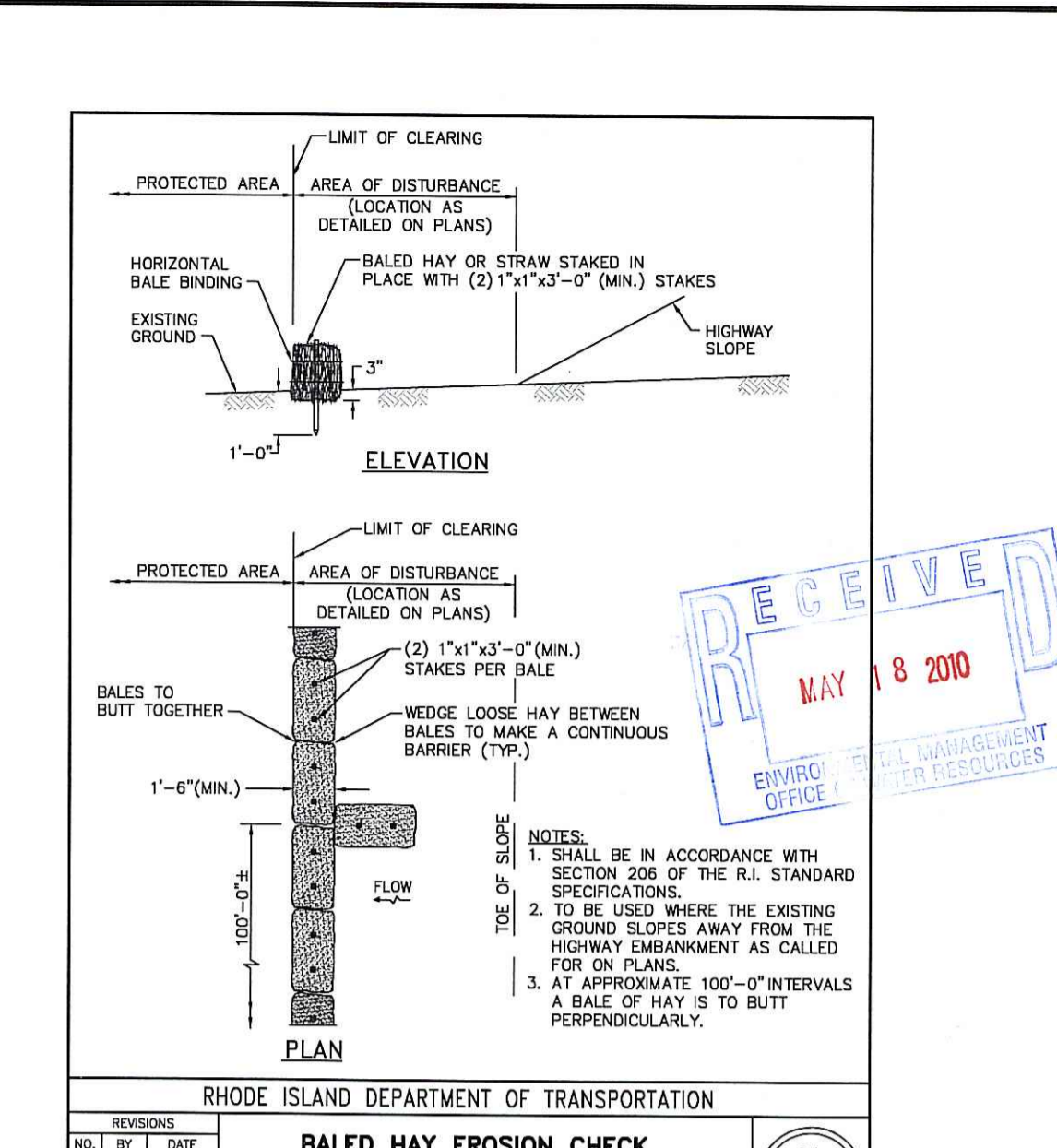
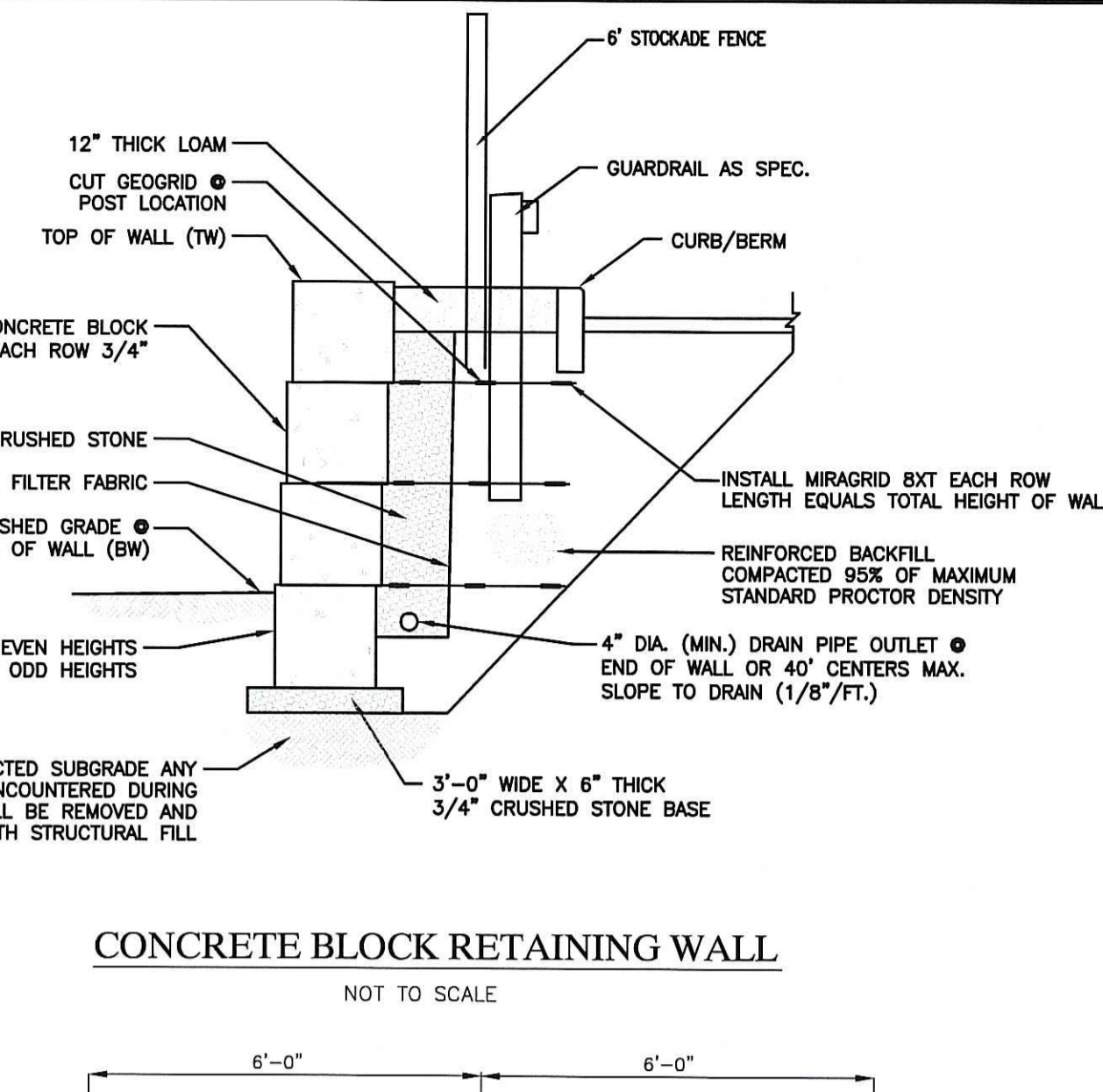
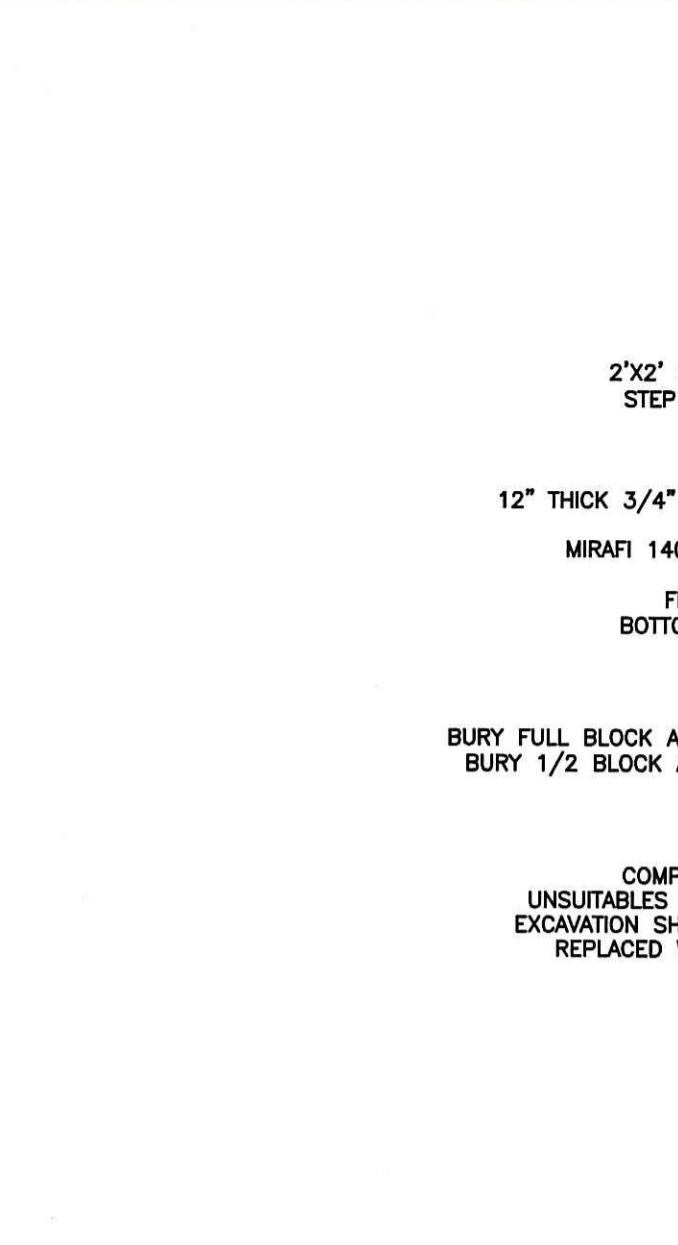
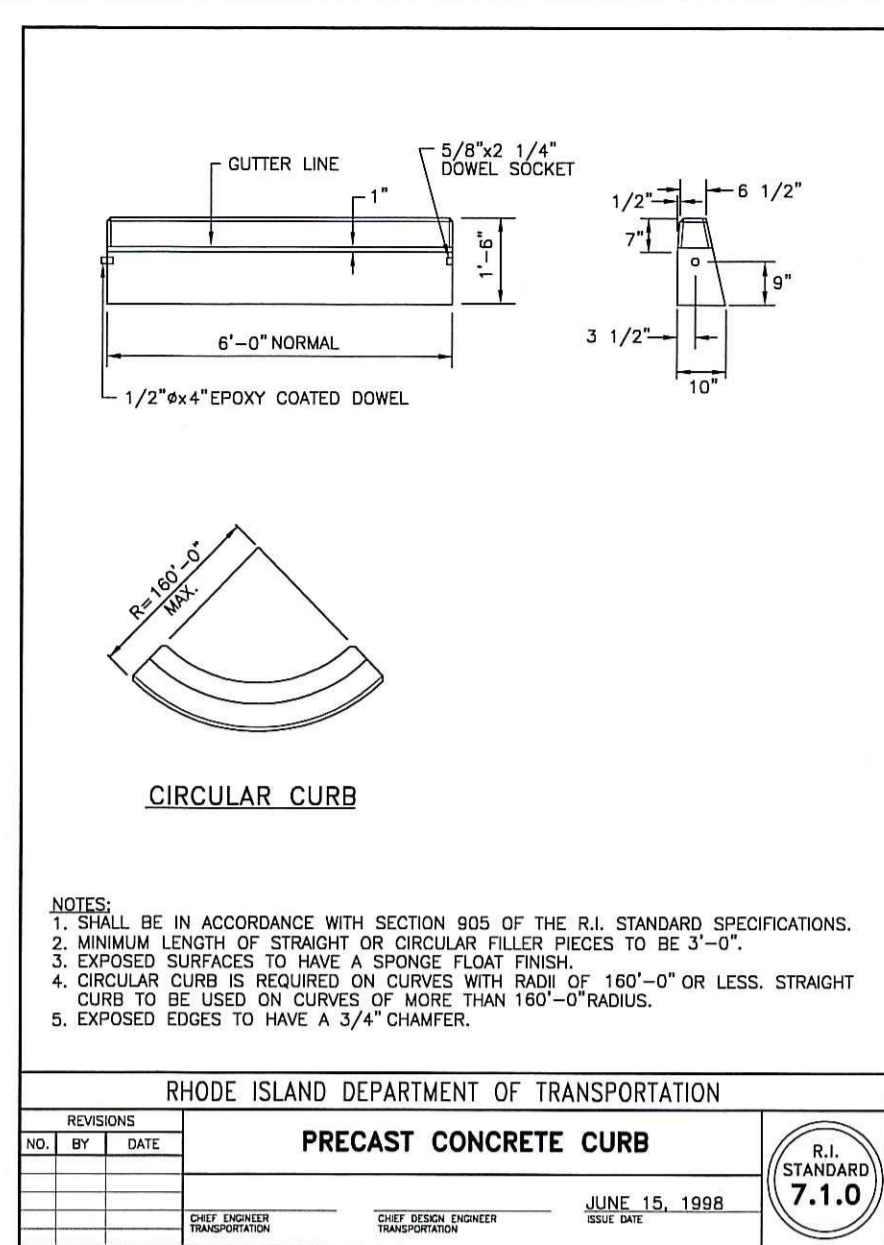
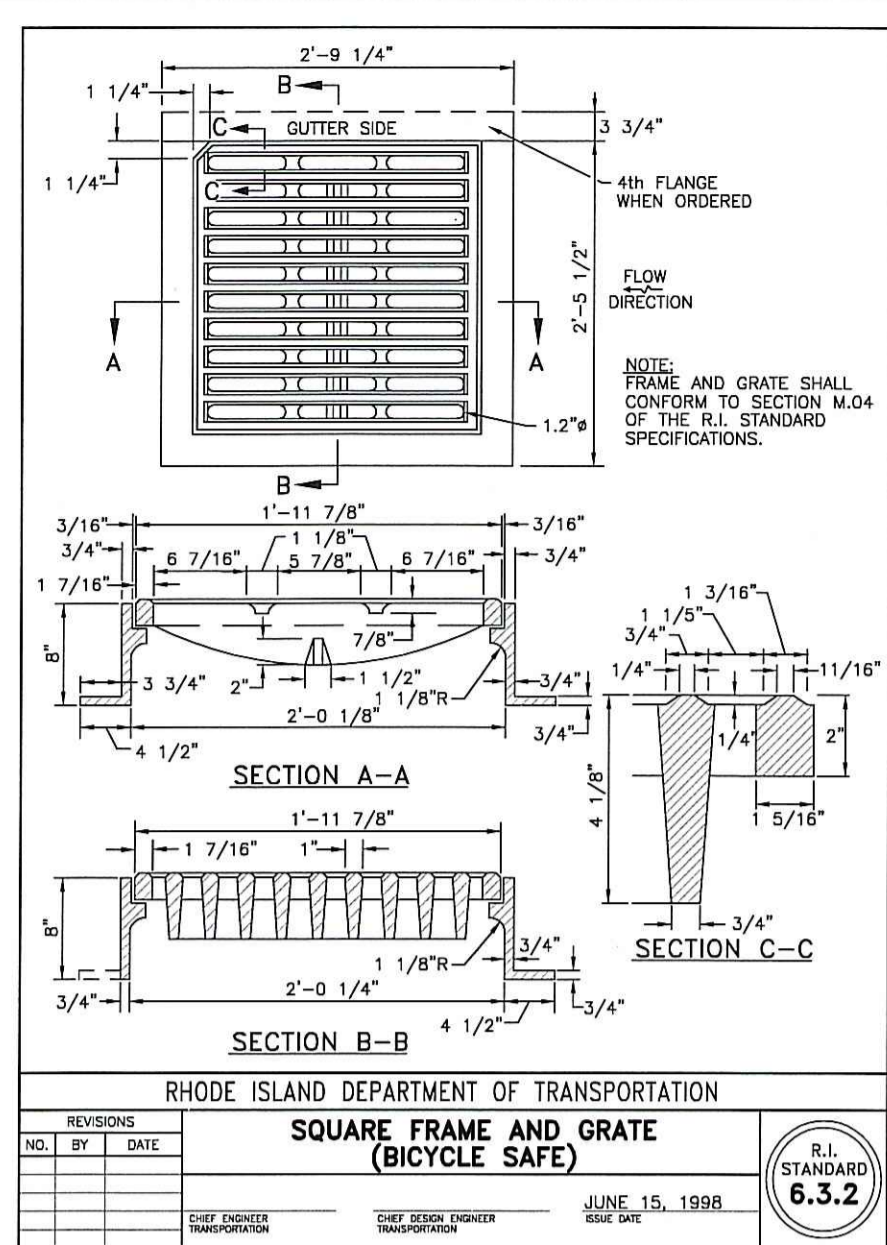
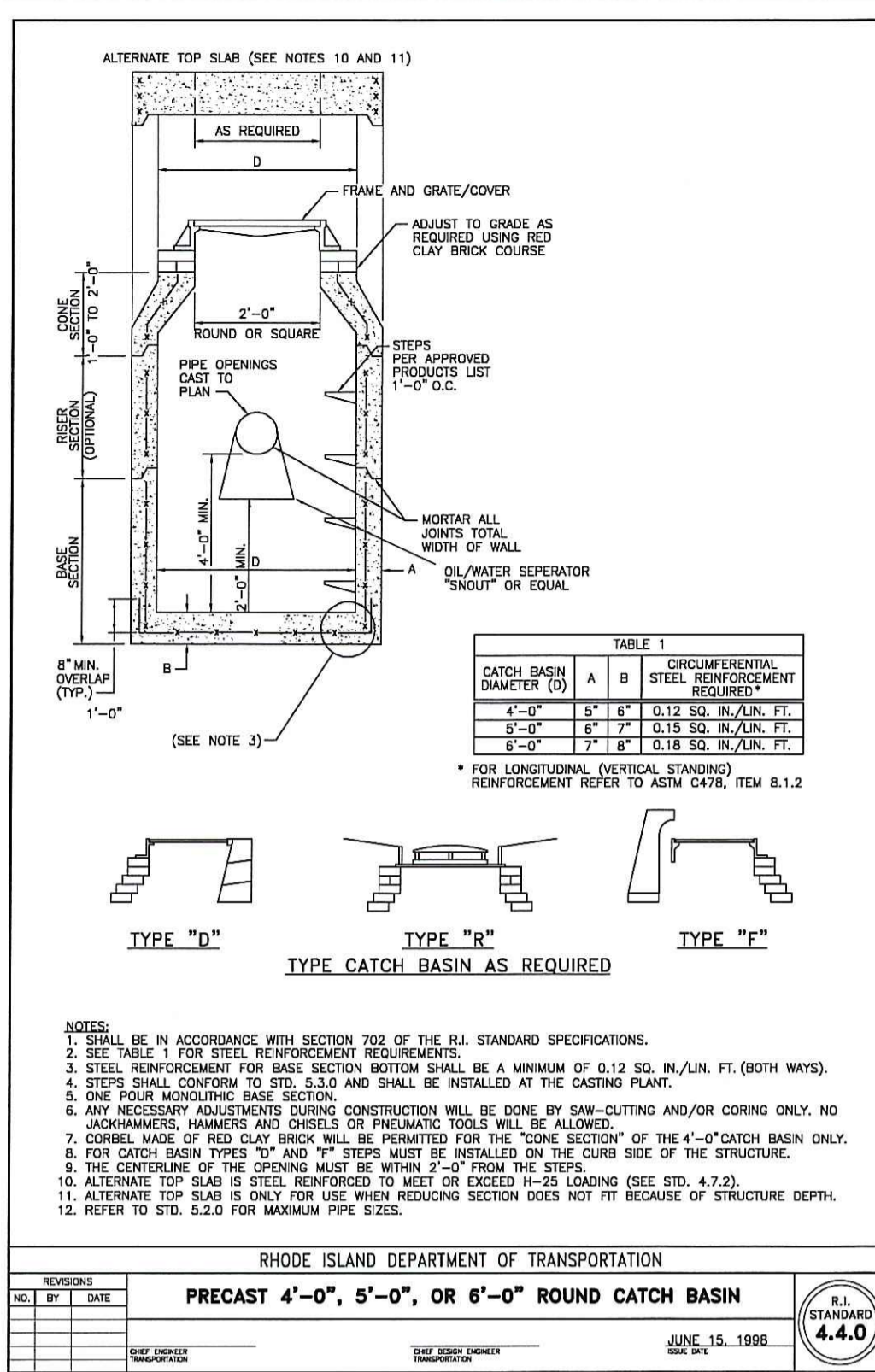


REV#	DESCRIPTION	BY	DATE

DIGREGORIO CORPORATION
23 BUSINESS PARK DRIVE
SMITHFIELD, RI 02917
TEL. (401) 232-5550 FAX. 232-5848
WWW.DIGREGORIOCORP.COM

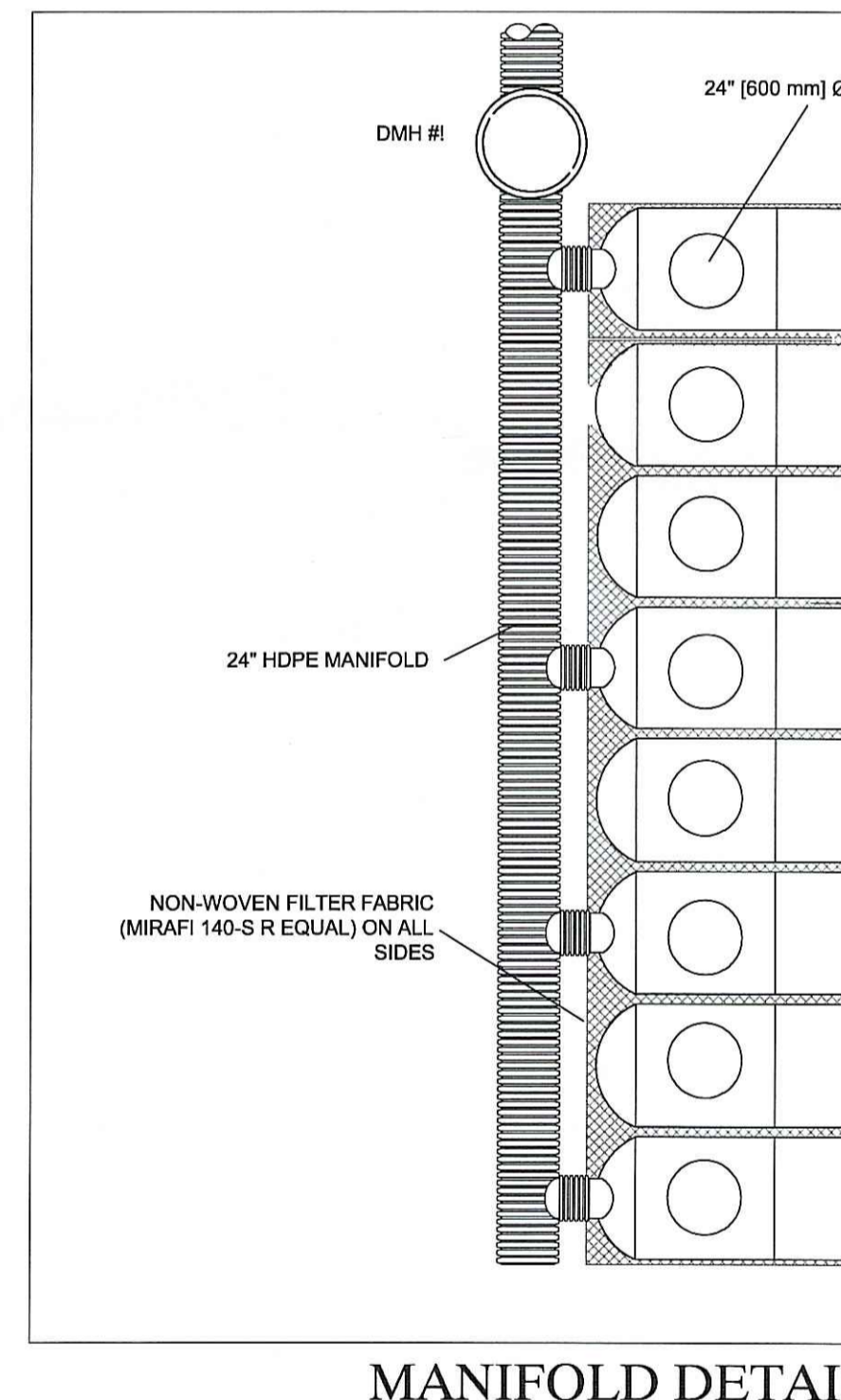
PROJ. MGR.:	E.D.
DESIGNED:	A.D.
DRAWN:	A.D.
CHECKED:	E.D.
SCALE:	1" = 20'
DATE:	MAY 2007

1539 ATWOOD AVENUE
AP 20 LOT 79 ATWOOD AVE
JOHNSTON, RHODE ISLAND
EXISTING CONDITIONS PLAN



Maintenance: Short Term / Long Term

- ALL DISTURBED SLOPES EITHER NEWLY CREATED OR CURRENTLY EXPOSED SHALL BE SEED, PROTECTED AND MAINTAINED BY THE CONTRACTOR, THE CONTRACTOR SHALL CHECK REGULARLY ALL SEEDING AREAS TO SEE THAT A GOOD STAND IS MAINTAINED.
- THE CONTRACTOR MUST REPAIR OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE YEAR AND SHALL DO SO AT NO ADDITIONAL EXPENSE.
- ALL HAY BALES, TEMPORARY TREATMENTS (HAY, STRAW, ETC.) AND TEMPORARY PROTECTION SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.
- THE CONTRACTOR SHALL MAINTAIN ALL TOP SOIL STOCKPILES AND SEDIMENT BARRIERS THROUGHOUT CONSTRUCTION. EXTREME CARE SHALL BE TAKEN TO ENSURE THAT SEDIMENTS DO NOT SPILL OVER THE SEDIMENT BARRIER.
- THE HAY BALES OR SILT FENCE SHALL BE CHECKED BY THE CONTRACTOR ON A WEEKLY BASIS AND AFTER EACH STORM FOR UNDERMINING OR DETERIORATION. CONTRACTOR SHALL REPAIR OR REPLACE THE HAYBALES AS NECESSARY. CONTRACTOR SHALL CLEAN THE ACCUMULATED SEDIMENT IF HALF OF THE ORIGINAL HEIGHT OF THE BALES BECOMES FILLED IN WITH SEDIMENTS.
- SWEEPING THE PARKING AREA AFTER WINTER SHALL BE PERFORMED ANNUALLY.
- THE CONTRACTOR SHALL INSPECT RIP-RAP APRONS AFTER EACH STORM AND REPAIR AS NECESSARY.
- THE CONTRACTOR SHALL MAINTAIN THE DRAINAGE SYSTEM THROUGHOUT CONSTRUCTION. THE ACCUMULATED SEDIMENTS IN THE CATCH BASINS SHALL BE REMOVED AND DRAINAGE PIPES FLUSHED BY THE CONTRACTOR AT THE END OF CONSTRUCTION.
- THE OWNER IS RESPONSIBLE FOR THE LONG TERM MAINTENANCE OF THE UNDERGROUND DETENTION BASIN. CATCH BASIN SUMPS SHALL BE CHECKED ANNUALLY AND SEDIMENTS SHALL BE REMOVED IF THEY EXCEED 2.0' OR 4 YEARS, WHICHEVER COMES FIRST.
- THE OWNER SHALL CHECK THE RIP-RAP APRONS AND EMERGENCY OUTLETS AFTER MAJOR STORMS AND AN ANNUAL BASIS. REPAIRS SHALL BE PERFORMED IMMEDIATELY AS CONDITIONS WARRANT.
- THE UGDB SHALL BE MAINTAINED BY THE OWNER AFTER THE FIRST YEAR. THE BOTTOM OF UGDB SHALL BE INSPECTED ON A BIENNIAL BASIS AND ACCUMULATED SEDIMENTS SHALL BE REMOVED WITH A JET VAC FROM ACCESS PORTS LOCATED AT THE END OF EACH ROW NEAR THE HEADER.
- THE CONSTRUCTION SUPERINTENDENT SHALL HAVE OVERALL RESPONSIBILITY FOR THE MAINTENANCE PROGRAM DURING THE CONSTRUCTION PHASE. THE SUPERINTENDENT SHALL SEE THAT THE APPROPRIATE WORKERS ARE AWARE OF THE PROVISIONS OF THE PLAN.
- AFTER THE FIRST YEAR AND ACCEPTANCE BY THE OWNER, THE OWNER SHALL HAVE OVERALL RESPONSIBILITY FOR IMPLEMENTING THE MAINTENANCE PROGRAM.

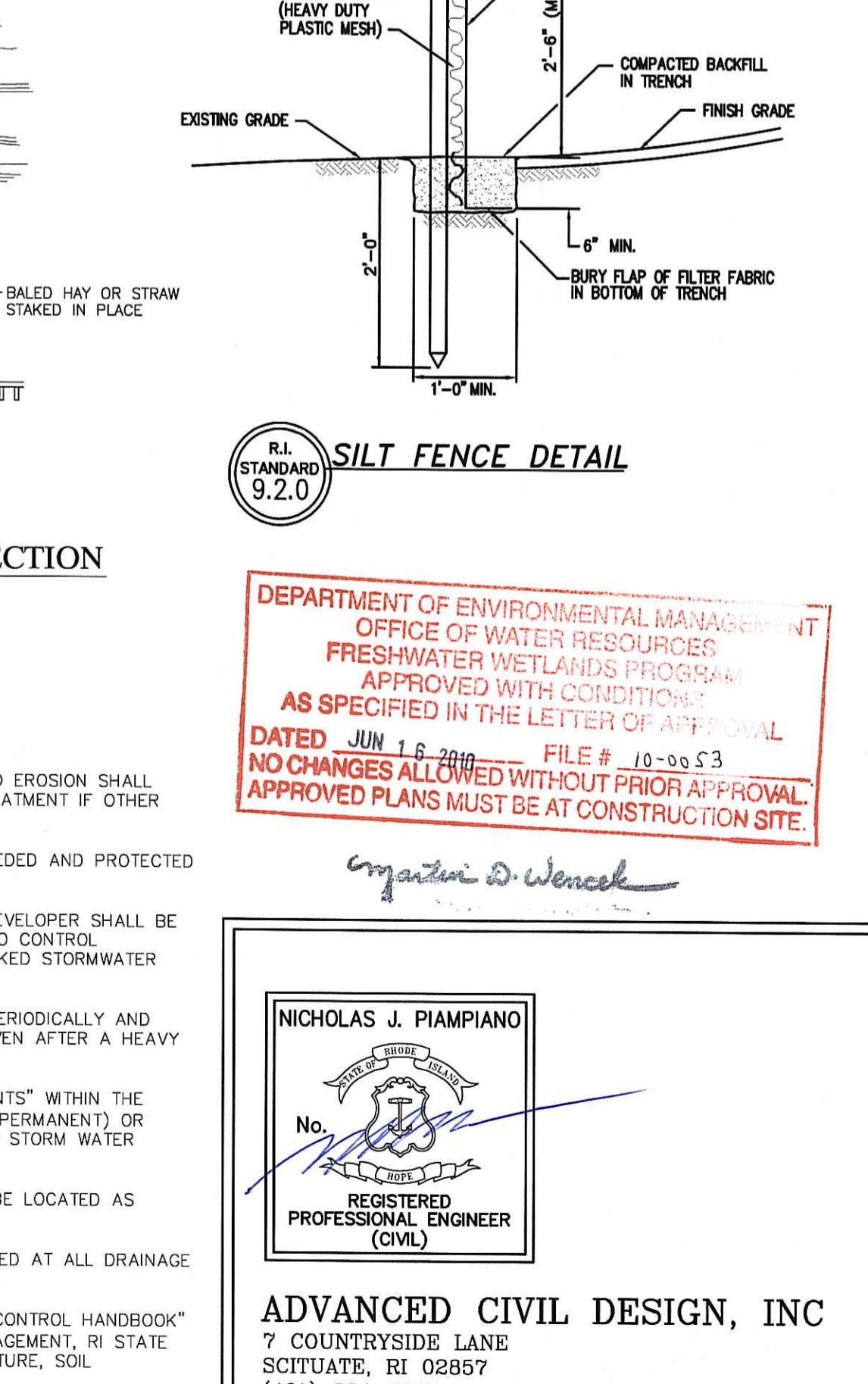
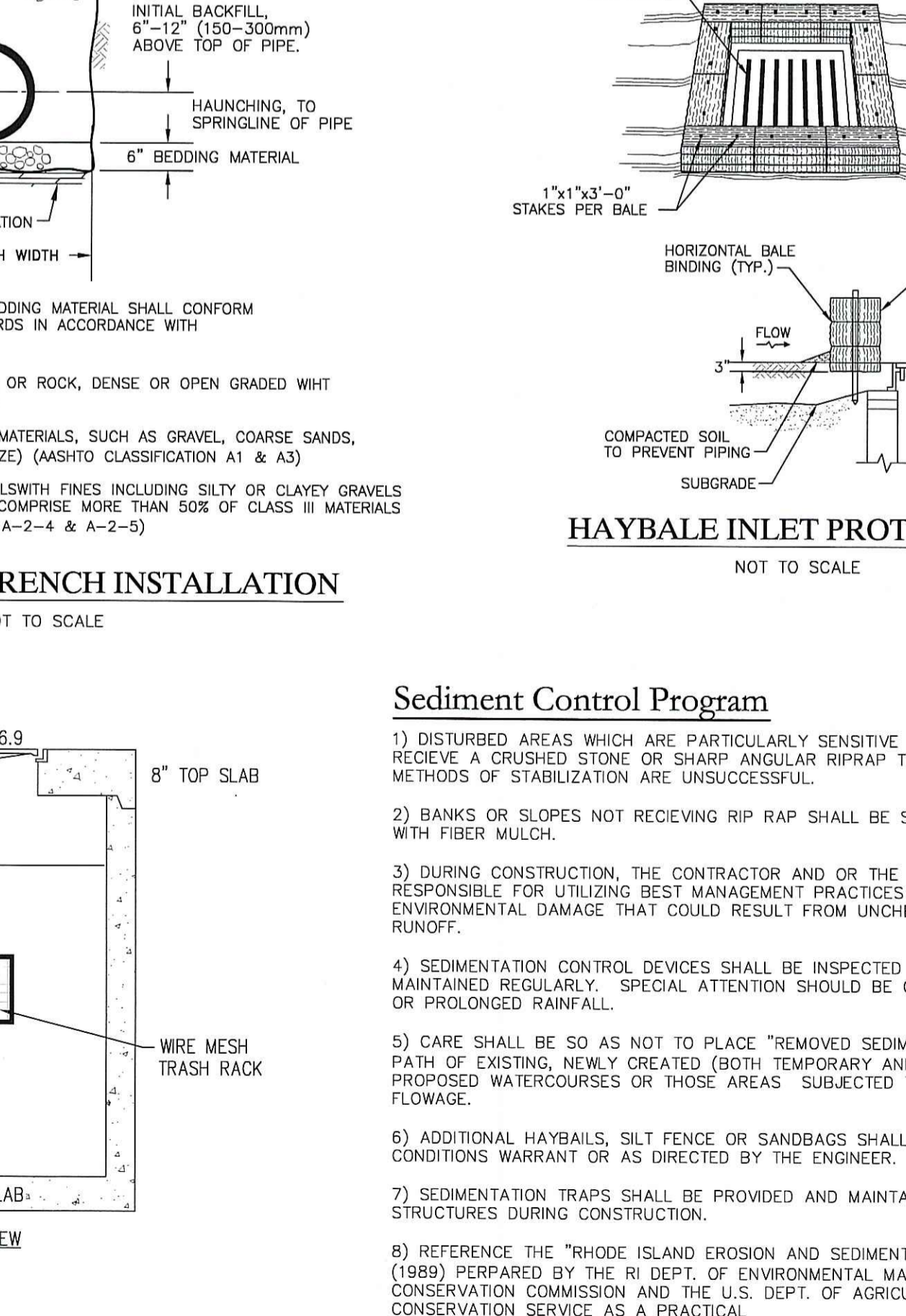
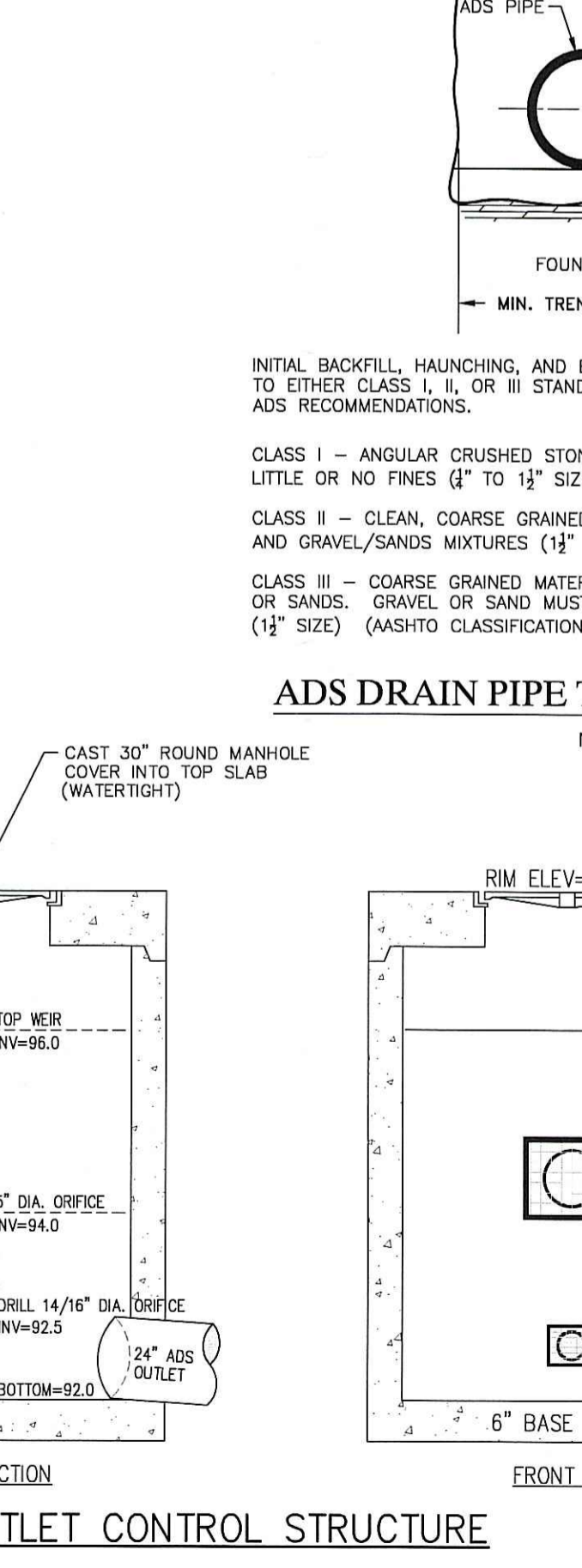
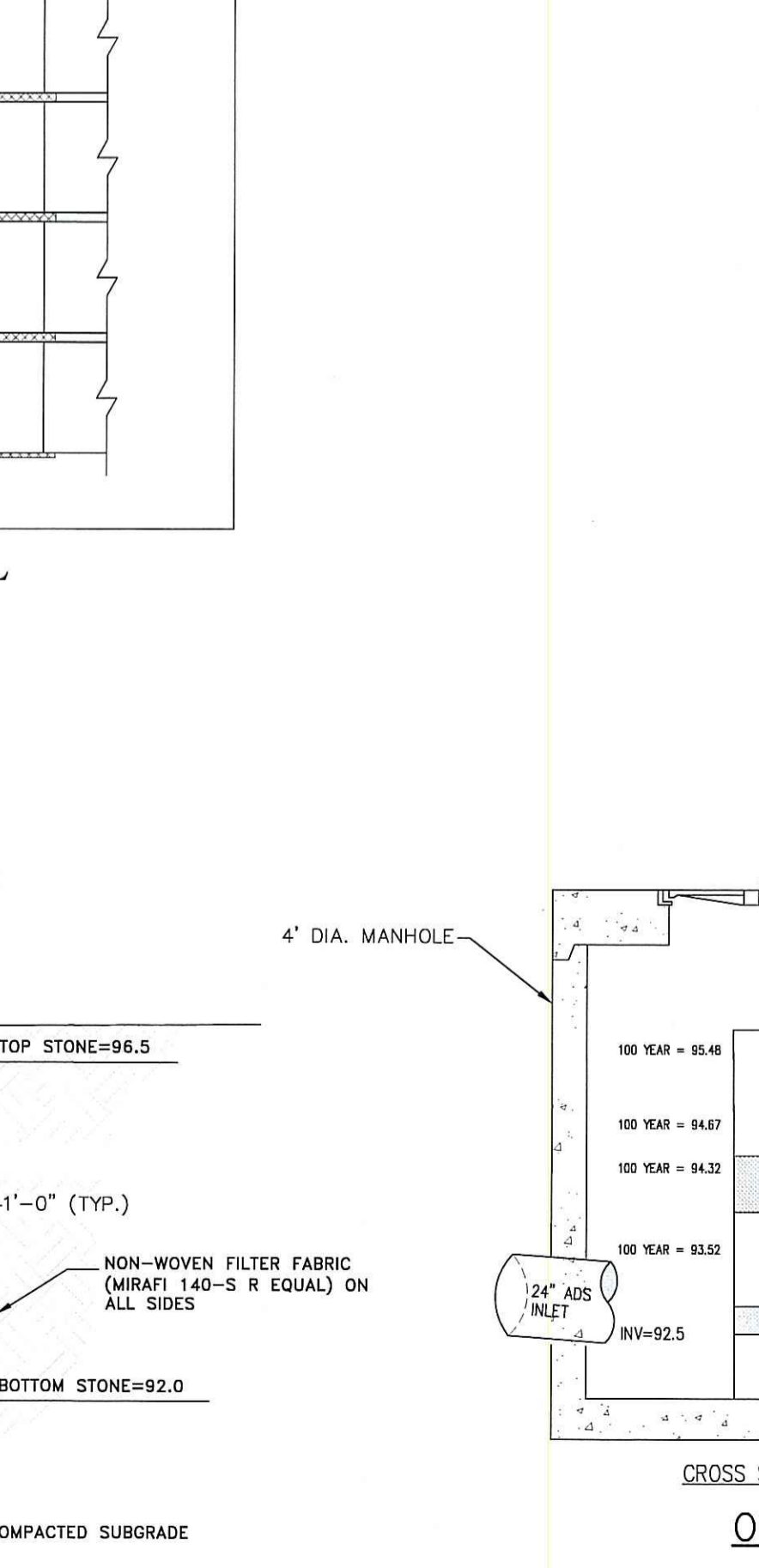
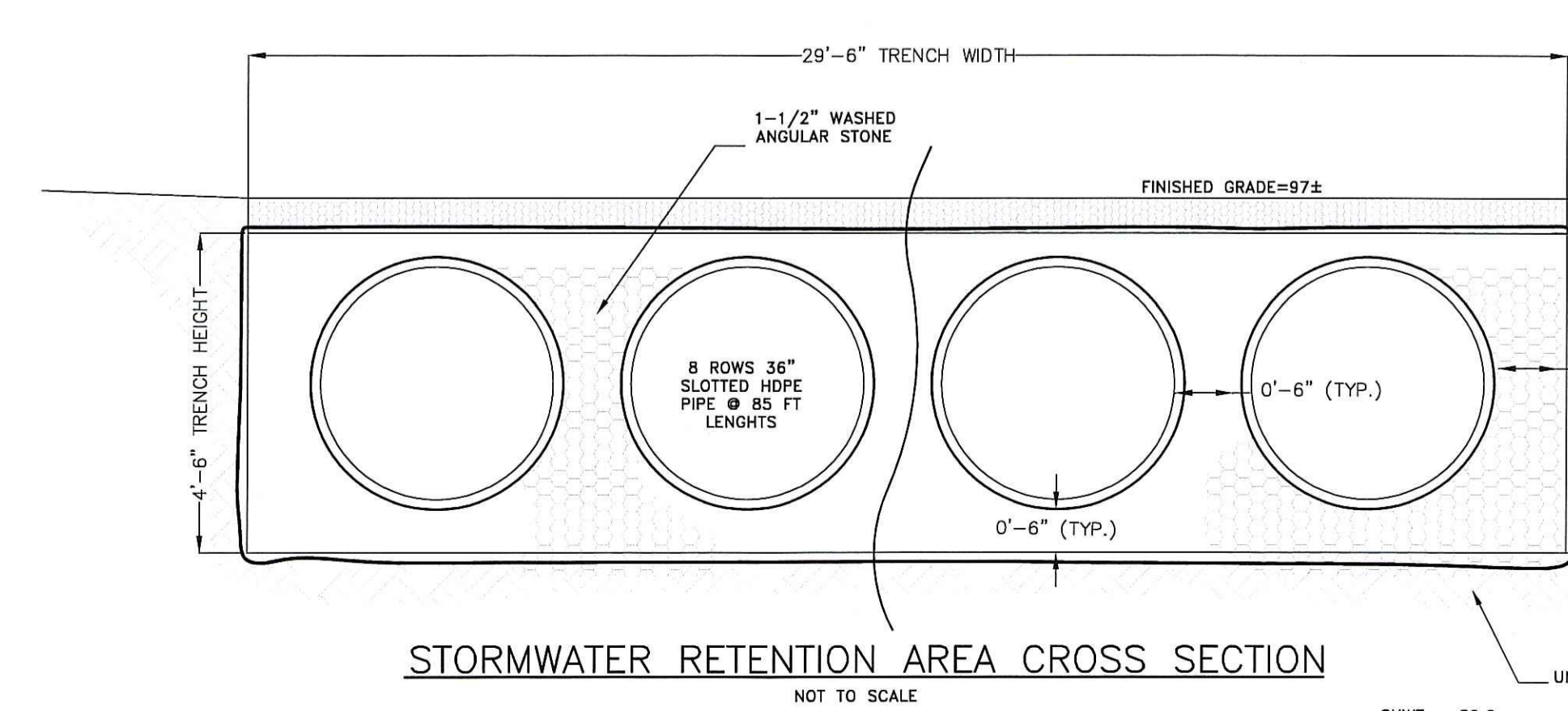
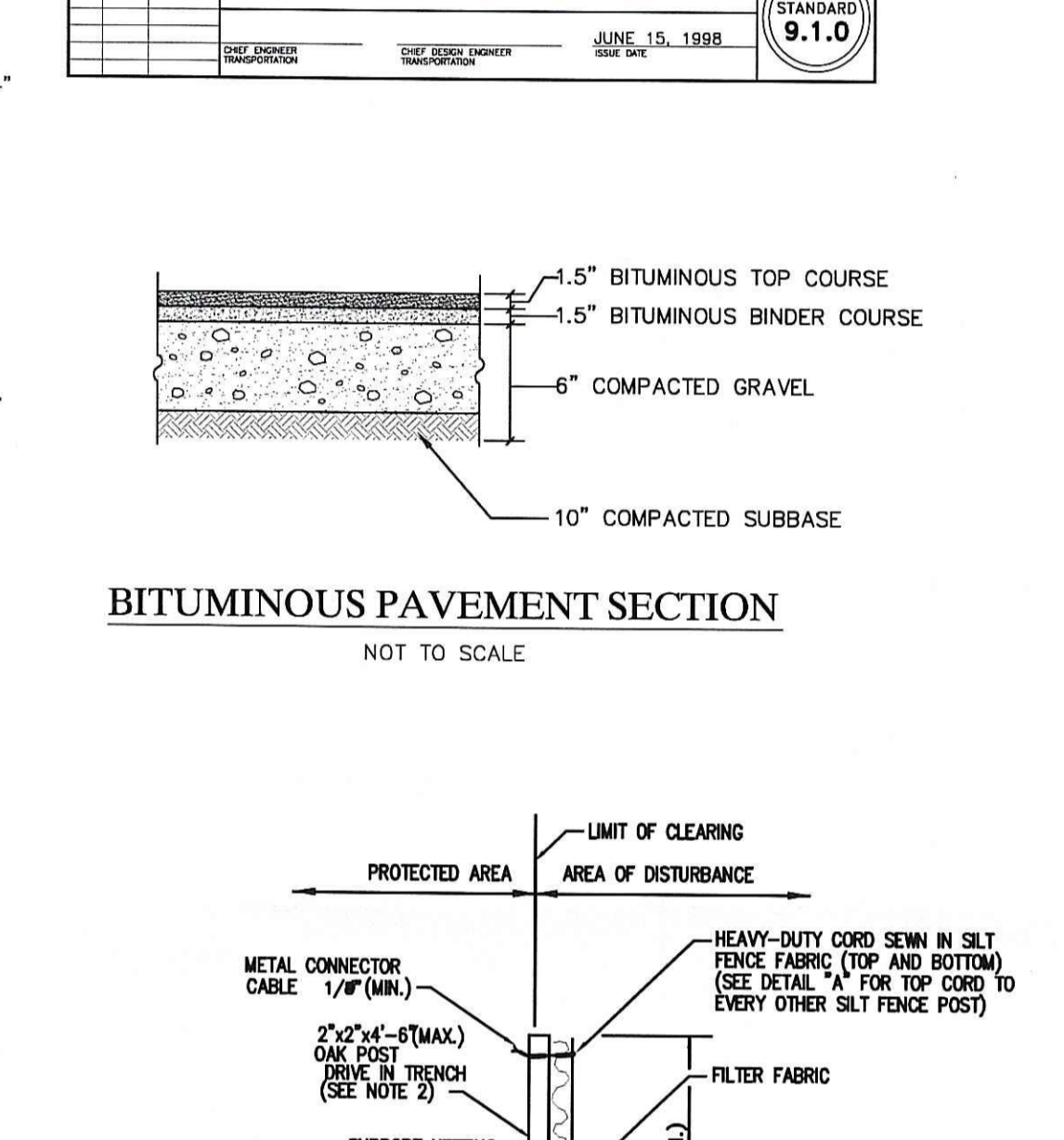
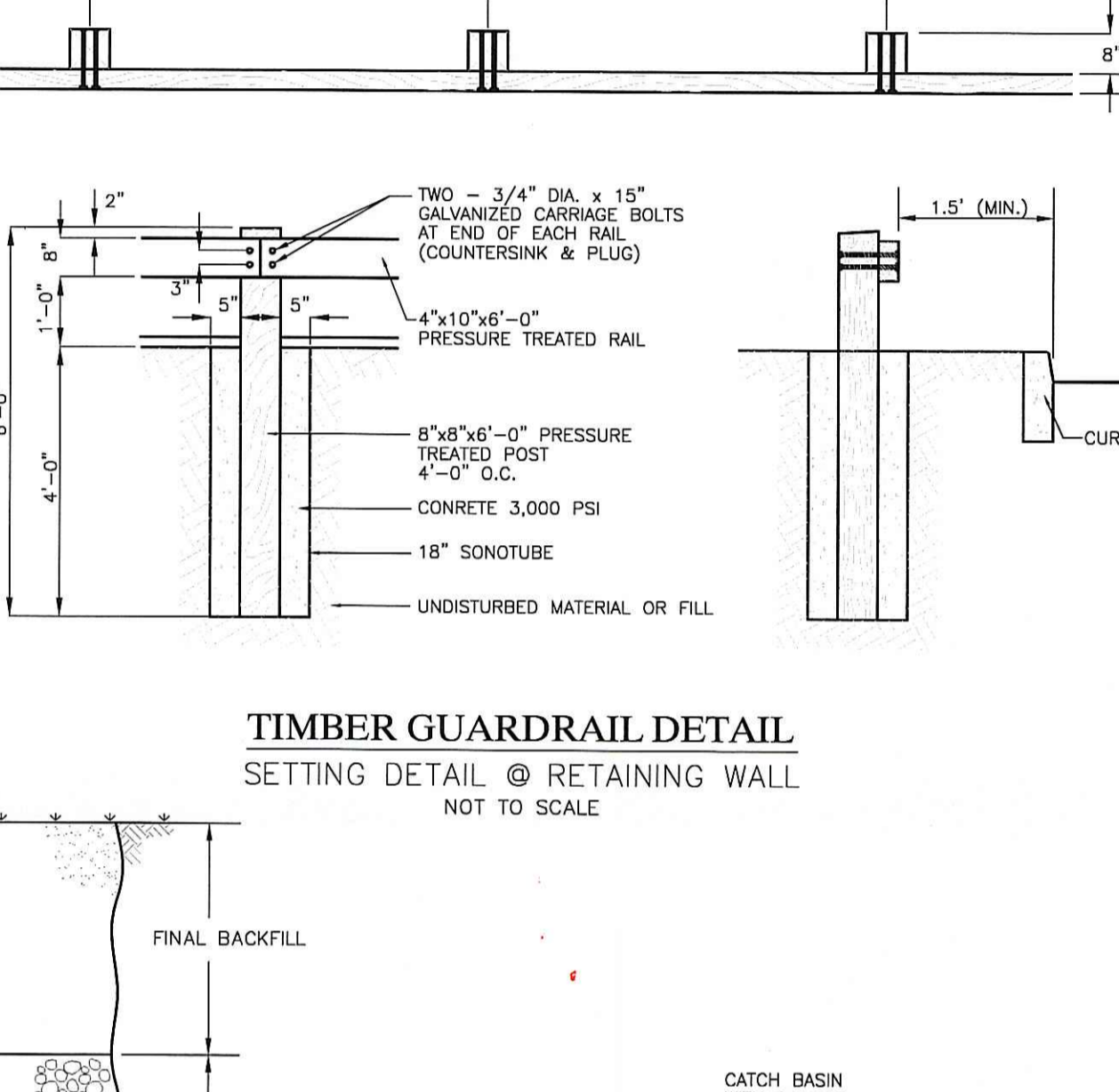
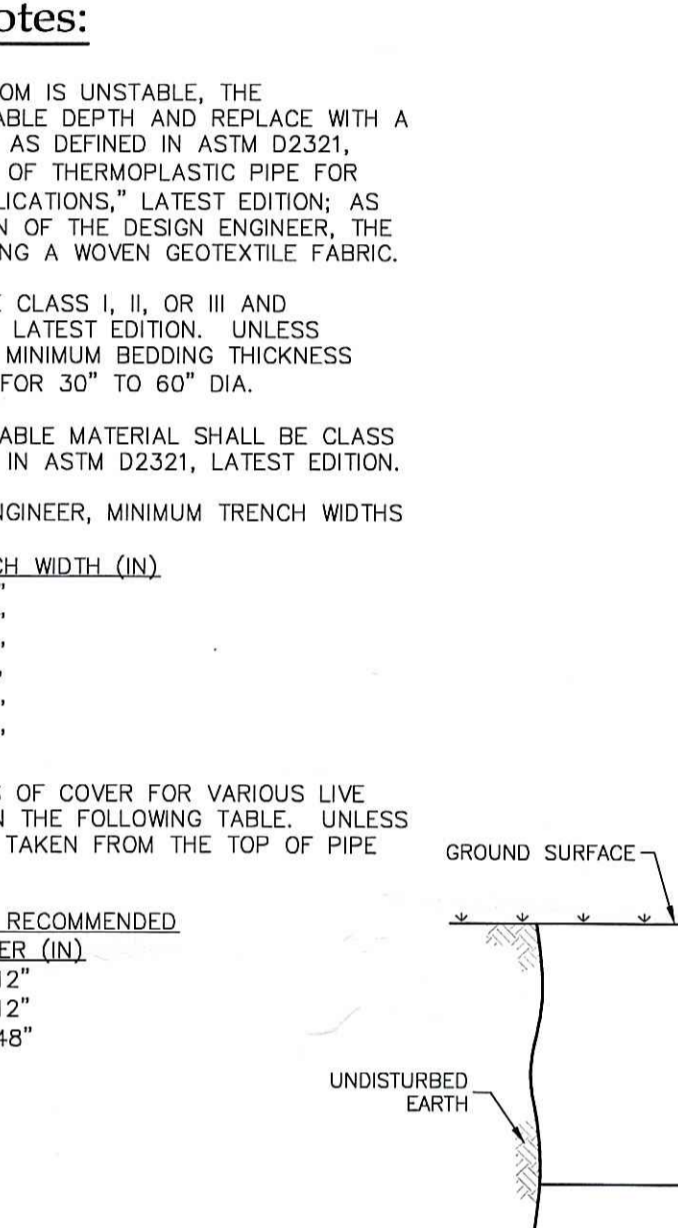


ADS Pipe Installation Notes:

- FOUNDATION:** WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A STABLE DEPTH AND REPLACE WITH A FOUNDATION OF CLASS I OR II MATERIAL AS DEFINED IN ASTM D2321, "STANDARD PRACTICE FOR INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS," LATEST EDITION; AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A WOVEN GEOTEXTILE FABRIC.
- BEDDING:** SUITABLE MATERIAL SHALL BE CLASS I, II, OR III AND INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER, MINIMUM TRENCH WIDTHS SHALL BE 4" FOR 4" TO 24" DIA. & 6" FOR 30" TO 60" DIA.
- BEDDING AND INITIAL BACKFILL:** SUITABLE MATERIAL SHALL BE CLASS I, II, OR III AND INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
- HAUNCHING AND INITIAL BACKFILL:** SUITABLE MATERIAL SHALL BE CLASS I, II, OR III AND INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.

NOMINAL DIA. (IN.)	MIN. TRENCH WIDTH (IN.)
6"	23"
8"	25"
10"	28"
12"	31"
15"	34"
18"	39"

SURFACE LIVE LOADING CONDITION	MINIMUM RECOMMENDED COVER (IN.)
H25 (FLEXIBLE PAVEMENT)	12"
H25 (RIGID PAVEMENT)	12"
HEAVY CONSTRUCTION	48"



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DIGREGORIO CORPORATION

1539 ATWOOD AVENUE
 AP 20 LOT 79 ATWOOD AVE
 JOHNSTON, RHODE ISLAND

PROJECT NO. _____
 FIGURE NO. _____

C-3

SHEET 3 OF 3

REVISIONS: _____

DATE: APRIL 2010

SCALE: 1" = 20'

DESIGNED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____

ED. _____
 A.D. _____
 A.D. _____
 E.D. _____

PER RIDER _____
 REV#1 _____

5/14/10

RECEIVED
 MAY 18 2010
 ENVIRONMENTAL MANAGEMENT
 PROFESSIONAL ENGINEER

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JUN 16 2010 FILE # 10-0053
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

NICHOLAS J. PIAMPANO
 REGISTERED PROFESSIONAL ENGINEER (CIVIL)

ADVANCED CIVIL DESIGN, INC
 7 COUNTRYSIDE LANE
 SCITUATE, RI 02857
 (401) 934-3768

Sediment Control Program

- DISTURBED AREAS WHICH ARE PARTICULARLY SENSITIVE TO EROSION SHALL RECEIVE A CRUSHED STONE OR SHARP ANGULAR RIPRAP TREATMENT IF OTHER METHODS OF STABILIZATION ARE UNSUCCESSFUL.
- BANKS OR SLOPES NOT RECEIVING RIP RAP SHALL BE SEED AND PROTECTED WITH FIBER MULCH.
- DURING CONSTRUCTION, THE CONTRACTOR AND/OR THE DEVELOPER SHALL BE RESPONSIBLE FOR UTILIZING BEST MANAGEMENT PRACTICES TO CONTROL ENVIRONMENTAL DAMAGE THAT COULD RESULT FROM UNCHECKED STORMWATER RUNOFF.
- SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED PERIODICALLY AND MAINTAINED REGULARLY. SPECIAL ATTENTION SHOULD BE GIVEN AFTER A HEAVY OR PROLONGED RAINFALL.
- CARE SHALL BE SO AS NOT TO PLACE "REMOVED SEDIMENTS" WITHIN THE PATH OF EXISTING, NEWLY CREATED (BOTH TEMPORARY AND PERMANENT) OR PROPOSED WATERCOURSES OR THOSE AREAS SUBJECT TO STORM WATER FLOWAGE.
- ADDITIONAL HAYBALES, SILT FENCE OR SANDBAGS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER.
- SEDIMENTATION TRAPS SHALL BE PROVIDED AND MAINTAINED AT ALL DRAINAGE STRUCTURES DURING CONSTRUCTION.
- REFERENCE THE "RHODE ISLAND EROSION AND SEDIMENT CONTROL HANDBOOK" (1989) PREPARED BY THE RI DEPT. OF ENVIRONMENTAL MANAGEMENT, RI STATE CONSERVATION COMMISSION AND THE U.S. DEPT. OF AGRICULTURE, SOIL CONSERVATION SERVICE AS A PRACTICAL