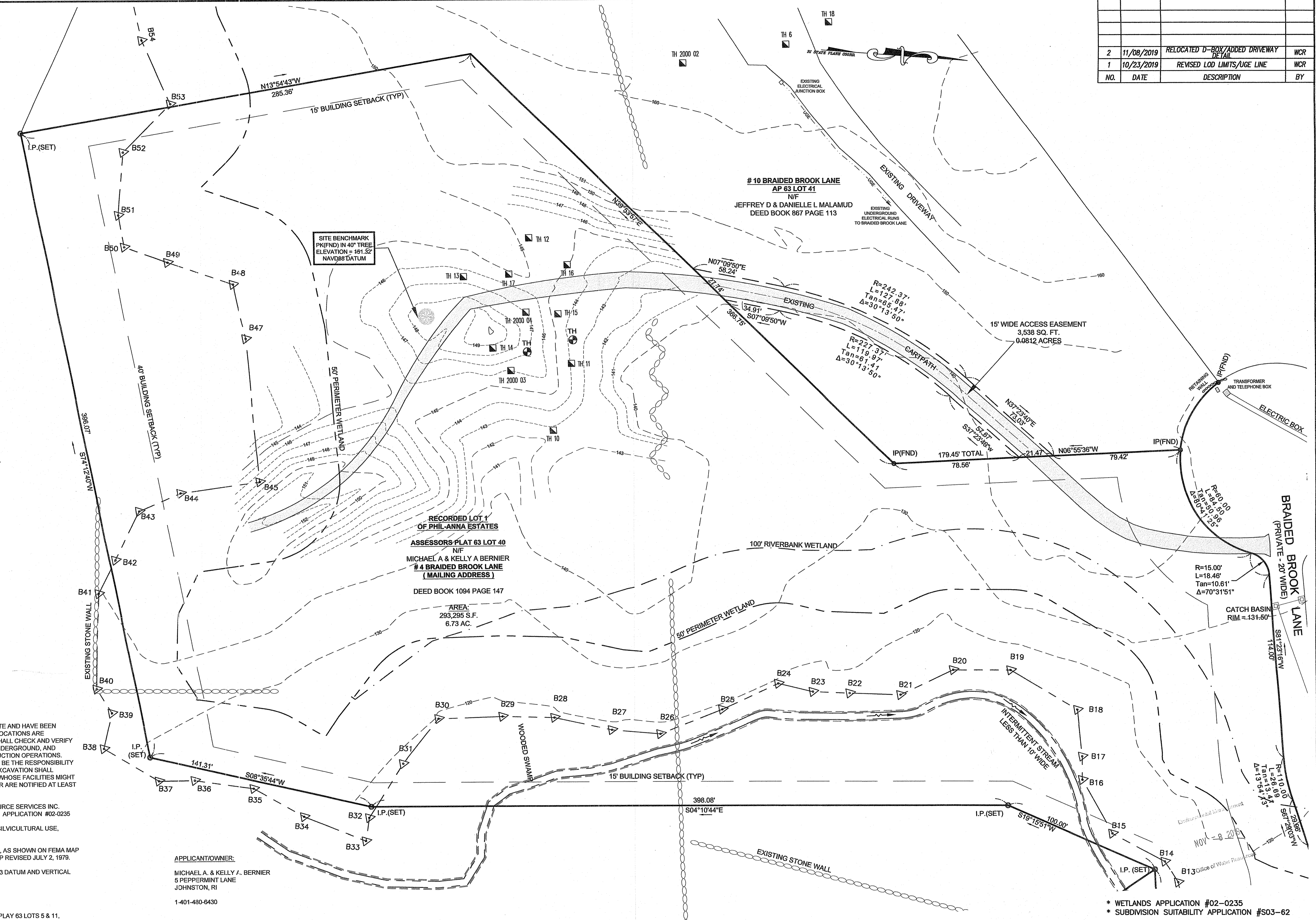
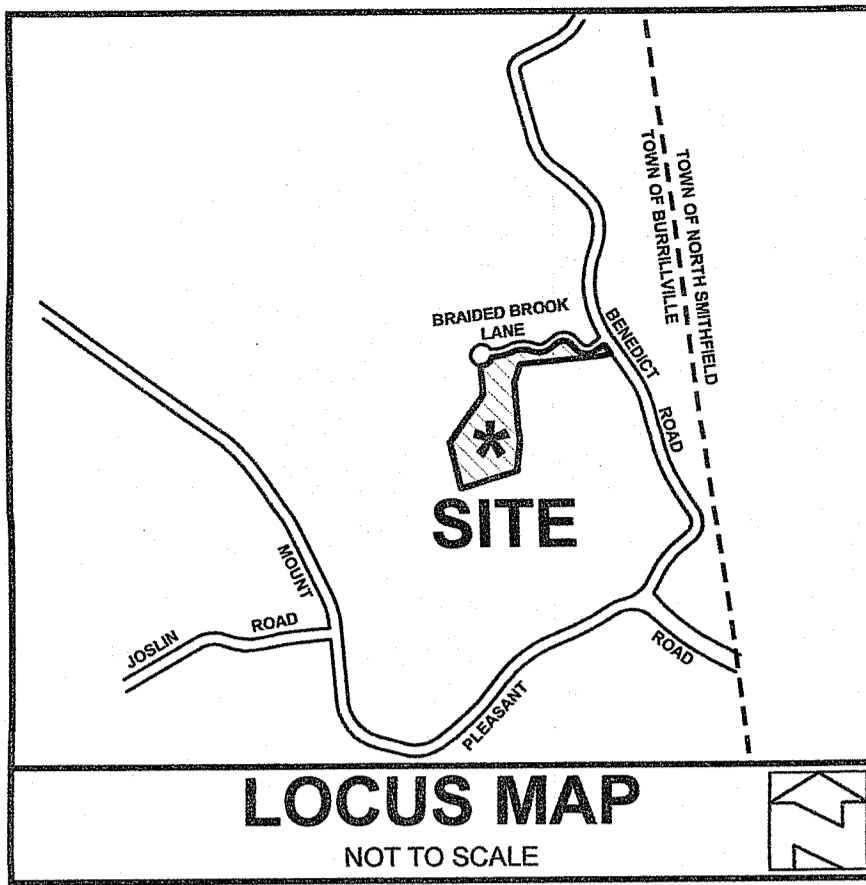


NO.	DATE	DESCRIPTION	BY
2	11/08/2019	RELOCATED D-BOX/ADDED DRIVEWAY DETAIL	WCR
1	10/23/2019	REVISED LOD LIMITS/UGE LINE	WCR



LEGEND
NOT TO SCALE

---	BOUNDARY
---	ABUTTER
---	MAJOR CONTOUR
---	MINOR CONTOUR
---	ACCESS EASEMENT
○ ○ ○ ○ ○	STONEWALL
△	WETLANDS EDGE
---	50' PERIMETER WETLAND
---	100' RIVERBANK WETLAND
---	STREAM
---	BUILDING ENVELOPE
-D-	DRAINAGE LINE
-S-	SEWER LINE
-W-	WATER LINE
□	SOIL EVALUATION HOLE
○	IRON PIN
○	BOUND
○	DRILL HOLE
○	WELL
○	LIMITS OF DISTURBANCE & EROSION CONTROL
---	UGE
---	UNDERGROUND ELEC. LINE

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 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.
2. WETLANDS SHOWN HEREIN WERE DELINEATED BY NATURAL RESOURCE SERVICES INC. 180 TINKHAM LANE P.O. BOX 311 HARRISVILLE RHODE ISLAND 02830 APPLICATION #02-0235
3. THIS SITE DOES NOT LIE WITHIN ANY KNOWN AGRICULTURAL USE, SILVICULTURAL USE, NATURAL HERITAGE OR FARMLAND CONSERVATION AREAS.
4. THIS SITE LIES IN ZONE C (AREAS OUTSIDE 100 YEAR FLOOD PLAIN), AS SHOWN ON FEMA MAP TOWN OF BURRILLVILLE, RI COMMUNITY PANEL NO. 440013 0005 B. MAP REVISED JULY 2, 1979.
5. THE HORIZONTAL CONTOURS SHOWN HEREIN ARE BASED ON NAD83 DATUM AND VERTICAL BASED ON NAVD88 DATUM.

REFERENCES:

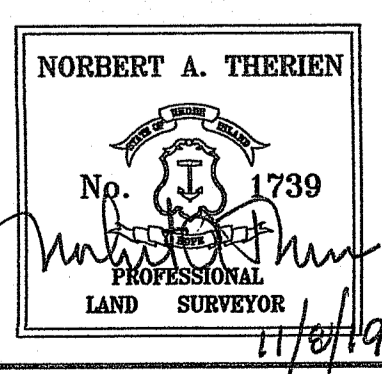
1. PLAN ENTITLED "PHIL-ANNA ESTATES LEO LAPIERRE ASSESSORS PLAY 63 LOTS 5 & 11, BENEDICT ROAD, BURRILLVILLE, RI FINAL MINOR SUBDIVISION, BY NATIONAL SURVEYORS-DEVELOPERS, INC. DATED JULY 2005' SCALE: 1"=100'

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 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:

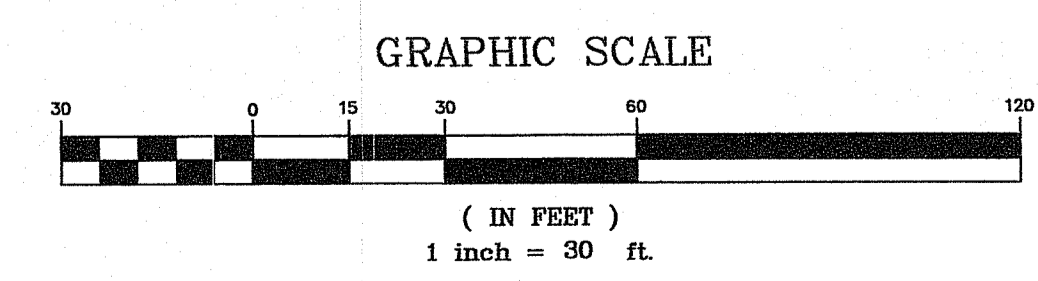
TYPE OF SURVEY: COMPREHENSIVE BOUNDARY SURVEY (CLASS I)

PURPOSE OF SURVEY: JOINT APPLICATION

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



NATIONAL
Surveyors-Developers
Inc.
42 Hamlet Ave., Woonsocket, R.I.
(401) 765-7779



No. 1903-1061 No. 19-0227

ZONING CRITERIA

ZONING DISTRICT	F5
MINIMUM LOT AREA	5.00 ACRES
MINIMUM LOT FRONTAGE	450'
MINIMUM FRONT YARD SETBACK	40'
MINIMUM SIDE YARD SETBACK	15'
MINIMUM REAR YARD SETBACK	40'
MAXIMUM BUILDING COVERAGE	20%
MAXIMUM BUILDING HEIGHT	50'

MICHAEL A. & KELLY A. BERNIER
ASSESSORS PLAT 63 LOT 40
4 BRAIDED BROOK LANE
BURRILLVILLE, RHODE ISLAND

JOINT APPLICATION
EXISTING CONDITIONS

DRAWN BY: JML/SMG	CHECKED BY: N.A.T.	FIELD BY: E.M.
JUNE 2019	JOB No. 2019-60	SHEET 1 OF 4

SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

THE HAYBALE AND SILT FENCE LINE ILLUSTRATED ON THESE PLANS SHALL SERVE AS THE STRICT LIMIT OF DISTURBANCE FOR THE PROJECT WITHIN OR ADJACENT TO REGULATED FRESHWATER WETLAND AREAS.

THE LIMITS OF CLEARING, GRADING, AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THESE LIMITS, AS DEPICTED ON THE PLAN SHALL BE TOTALLY UNDISTURBED, TO REMAIN IN NATURAL CONDITION.

ALL CATCH BASINS SHALL BE PROTECTED WITH STAKED HAYBALES (R.I. STD. 9.8.0) DURING CONSTRUCTION ACTIVITIES. ALL PROPOSED STORMWATER DISCHARGE AREAS SHALL BE LINED WITH A RIPRAP SPLASH PAD AND PROTECTED WITH STAKED HAYBALE OUTLET PROTECTION (R.I. STD. 9.1.0), OR STAKED HAYBALE WITH SILT FENCE (R.I. STD. 9.3.0) SHALL ALSO BE INSTALLED AT ALL EXISTING STORMWATER DISCHARGE LOCATIONS WHERE DISTRIBUTING PIPES, CATCH BASINS, AND MANHOLES ARE TO BE CLEANED AND FLUSHED.

ALL DISTURBED SLOPES EITHER NEWLY CREATED OR CURRENTLY EXPOSED SHALL BE SEEDED, PROTECTED AND MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL REGULARLY CHECK ALL SEEDED AREAS TO ENSURE THAT A GOOD STAND OF VEGETATION IS MAINTAINED.

ALL HAYBALES, TEMPORARY TREATMENT (HAY, STRAW, ETC.) AND TEMPORARY EROSION 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.

STOCKPILES OF TOPSOIL SHALL NOT BE LOCATED NEAR WATERWAYS OR WETLAND EDGES. THEY SHALL HAVE SIDE SLOPES OF NO GREATER THAN 2:1 AND SHALL BE TEMPORARILY SEEDED AND/OR STABILIZED PER CONTRACT SPECIFICATIONS.

THE HAYBALES SHALL BE CHECKED BY THE CONTRACTOR ON A WEEKLY BASIS AND AFTER EACH STORM FOR UNDERMINING OR DETERIORATION. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY HAYBALES AS NEEDED. THE CONTRACTOR SHALL CLEAN THE ACCUMULATED SEDIMENT IF HALF OF THE ORIGINAL HEIGHT OF THE BALES BECOMES FILLED WITH SEDIMENTS.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL SOIL EROSION AND SEDIMENT CONTROLS ON THE PROJECT SITE FOR THE ENTIRE DURATION OF THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL FOLLOW THE DIRECTION OF THE RESIDENT ENGINEER WITH REGARD TO INSTALLATION, MAINTENANCE, AND REPAIR OF ALL SOIL EROSION AND SEDIMENTATION CONTROLS ON THE PROJECT SITE. TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROLS (HAYBALES, SILT FENCE, ETC.) SHALL BE MAINTAINED UNTIL ALL EXPOSED SOILS ARE SATISFACTORILY STABILIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR RESEEDING ALL AREAS THAT DO NOT DEVELOP WITHIN ONE YEAR FROM THE COMPLETION OF CONSTRUCTION.

ALL REFERENCED SOIL EROSION AND SEDIMENTATION CONTROLS INCLUDING MATERIALS USED, APPLICATION RATES AND THE INSTALLATION PROCEDURES SHALL BE PERFORMED PER THE "RHODE ISLAND EROSION AND SEDIMENTATION HANDBOOK", DATED 1993.

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 1/4 INCH RAINFALL OR MORE IN A 24-HOUR PERIOD, OR BI-MONTHLY 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 UTILITIES 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 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 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 CHANNELING DEVICES, ETC. SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. 1988 EDITION, INCLUDING REVISION 3, SEPTEMBER 3, 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 M.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.

VEGETATED COVER PLANTING:

1. THE NORMAL ACCEPTABLE SEASONABLE SEEDING DATES ARE APRIL 1ST THROUGH OCTOBER 15TH.

2. TOP SOIL FOR PERMANENT OR LONG TERM TEMPORARY SEEDING SHOULD HAVE A SANDY LOAM TEXTURE, RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS. TOP SOIL SHALL CONFORM WITH RHODE ISLAND SPECIFICATIONS M18.01.

3. THE DESIGN SEED MIX UTILIZED IN ALL DISTURBED AREAS TO BE SEEDED SHALL BE COMPRISED OF THE FOLLOWING:

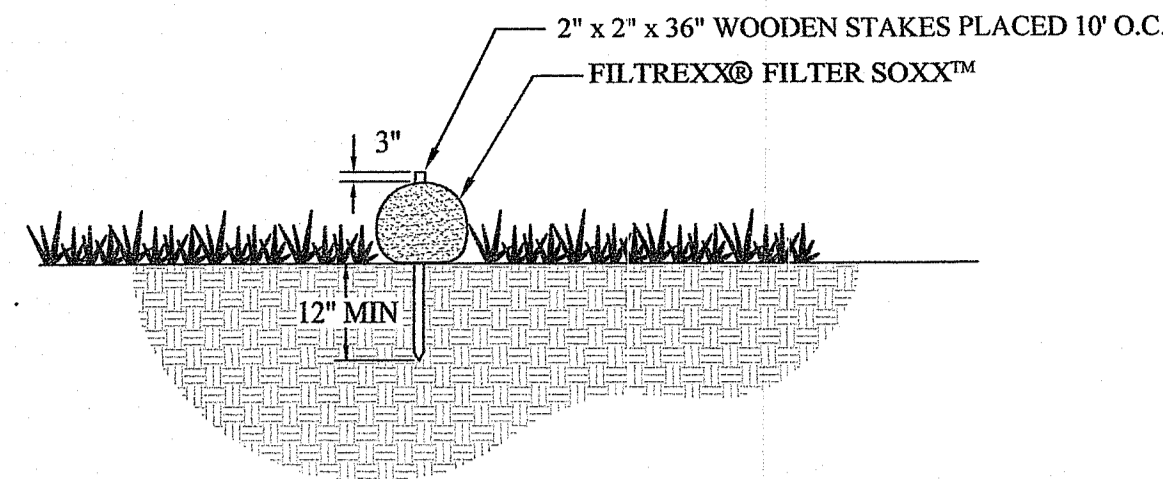
TYPE	% BY WEIGHT	SEEDING DATE
CREeping RED FESCUE	70	
ASTORIA BENTGRASS	5	APRIL 1 - JUNE 15
BIRDFOOT TREFOIL	15	AUG. - OCT 15
PERENNIAL RYE GRASS	10	

APPLICATION RATE - 100 LBS PER ACRE

SEED MIX SHALL BE INOCULATED WITHIN 24 - HOURS BEFORE MIXING AND PLANTING, WITH APPROPRIATE INOCULATION FOR EACH SEED VARIETY. ALTERNATE SEED TYPES DUE TO SITE SPECIFIC CONDITIONS AND SOILS ARE ACCEPTABLE WITH THE ENGINEERS APPROVAL.

4. IN TOPSOIL SEEDING AREAS, THE CONTRACTOR WILL LIME AND FERTILIZE AS REQUIRED TO COMPLIMENT OR UPGRADE SOIL CONDITIONS.

5. THE CONTRACTOR MUST REPAIR AND/OR RESEED ANY PERMANENT VEGETATIVE COVER AREAS THAT DO NOT DEVELOP OR WHICH ERODE WITHIN A ONE (1) YEAR PERIOD.



SILT SOCK DETAIL

Table 2. Vegetated Swale, Typical Cross-Section

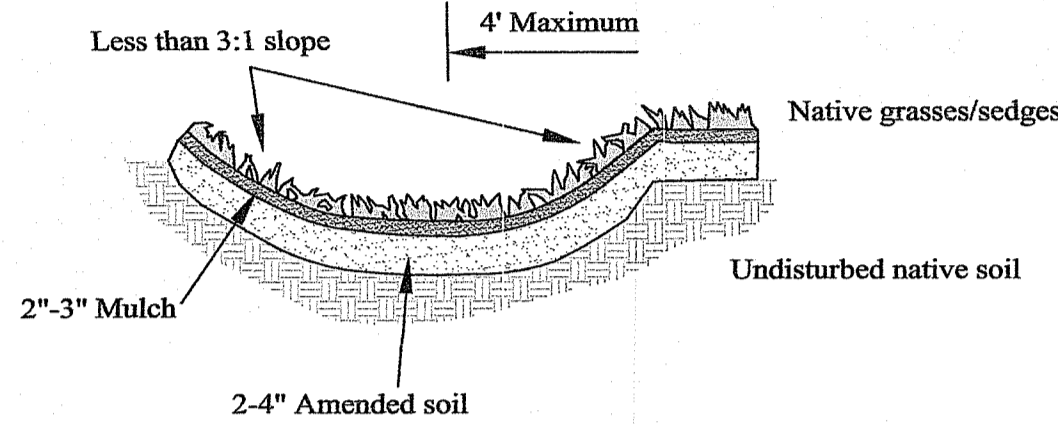
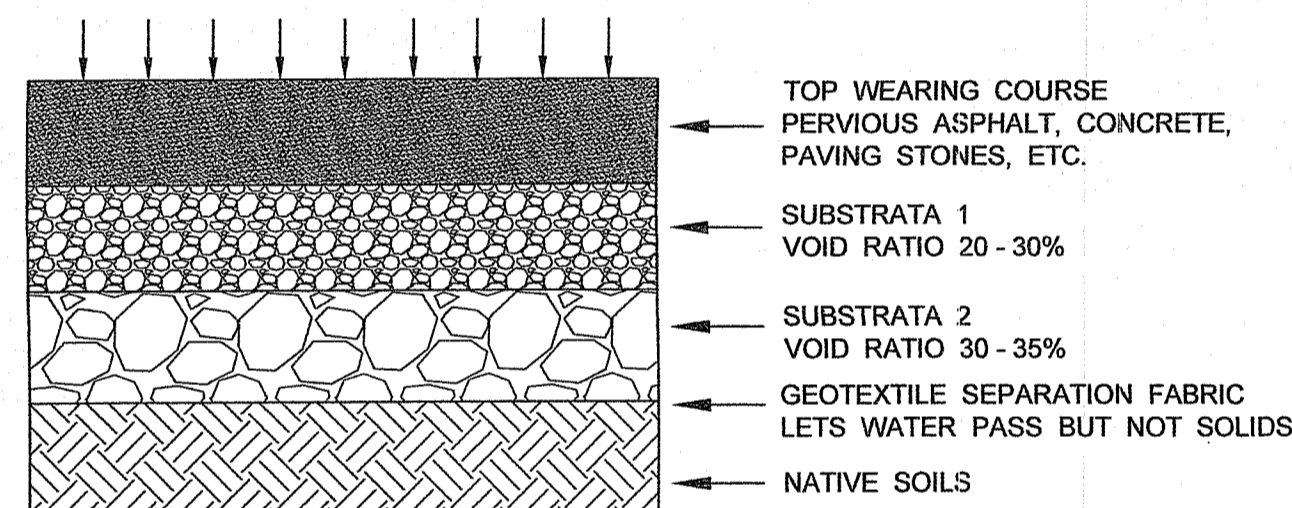


Table 5. Vegetated Swale Sizing Guidance

Drainage Area (in square feet)	Bottom surface Area (in square feet) for an 8 in. deep swale	
	Sandy Soils*	Silty Soils*
200	16	32
400	32	64
600	48	96
800	64	128
1000	80	160

VEGETATIVE SWALE DETAIL



PERVIOUS DRIVEWAY DETAIL

NOT TO SCALE

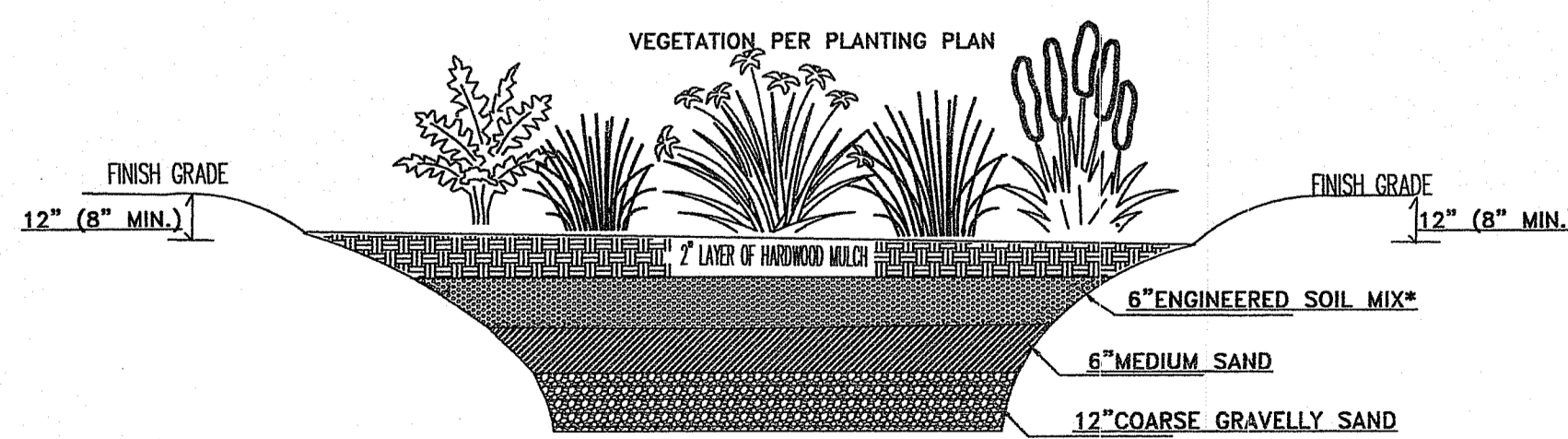
Tables 7, and 8. Rain Garden Sizing Guidance

Rain Garden Surface Area in Sandy Soils (Sands, Loamy Sands and Sandy Loams) (square feet)

Drainage Area (Square feet)	for 4 inch deep garden	for 6 inch deep garden	for 8 inch deep garden
100	19	15	11
200	38	30	22
300	57	45	34
400	76	60	45
500	95	75	57
600	114	90	68
700	133	105	80
800	152	120	91
900	171	135	103
1000	190	150	114

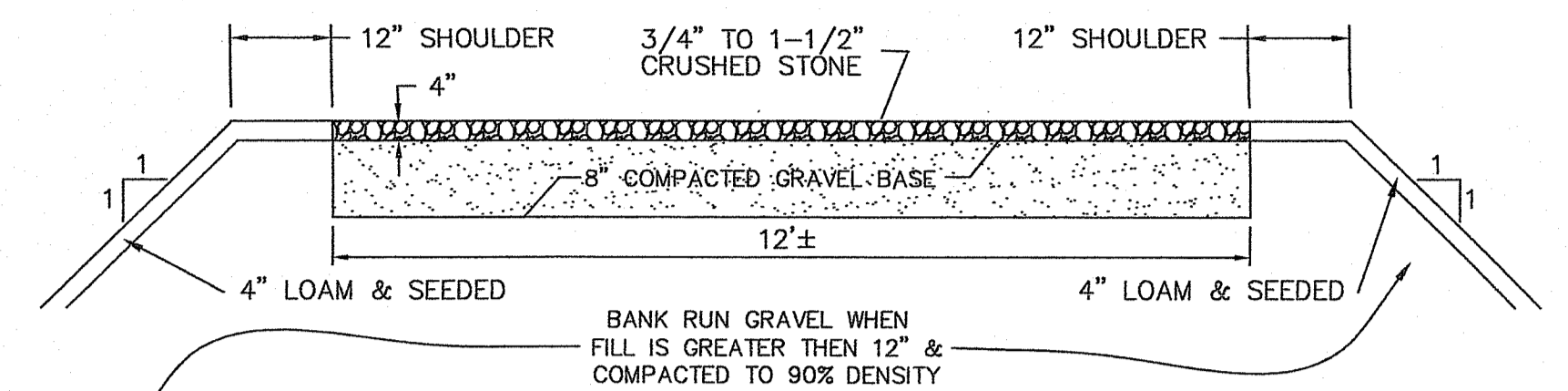
RAIN GARDEN CROSS SECTION

NOT TO SCALE



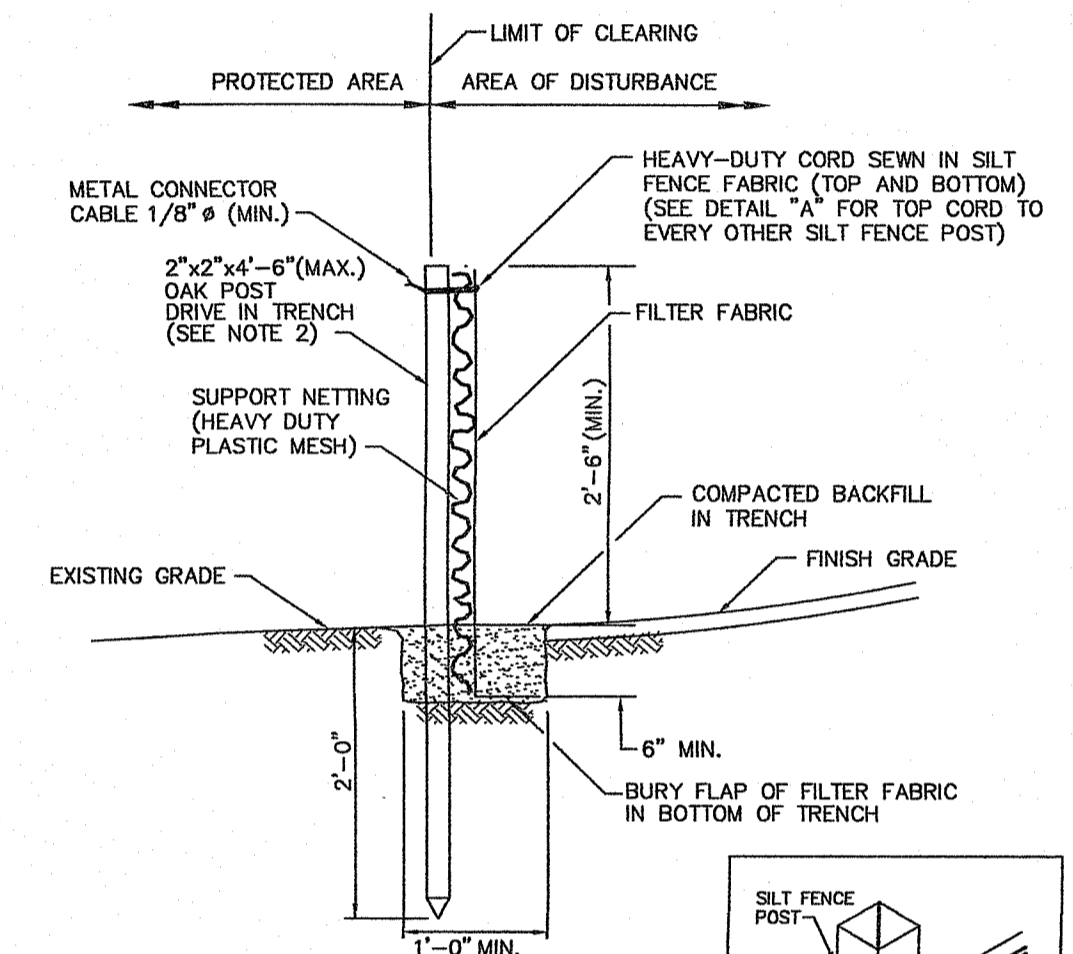
PLANT SCHEDULE

SYMBOL	SPECIES NAME	COMMON NAME
AD	ASTER DIVARICATUS	WHITE WOOD ASTER
CC	CAREX CRINITA	FROGFOOT SEDGE
CS	CAREX STRICTA	TURF SEDGE
LY	IRIS VESICATA	BLUE FLAG IRIS
LC	LOBELIA CARDINALIS	CARDINAL FLOWER
MS	MATTEUCCIA STRUTHOPTERIS	OSTRICH FERN
PC	OSMUNDA CANNADICA	CANNON FERN
	PONTEDERICA CORDATA	PICKEREL PLANT

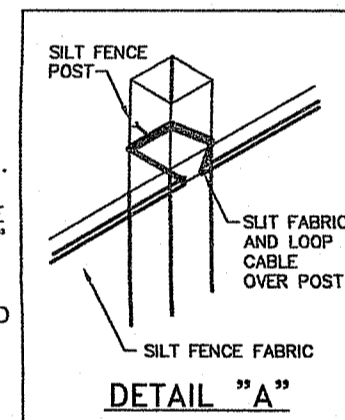


GRAVEL ACCESS ROAD TYPICAL CROSS SECTION DETAIL

NOT TO SCALE

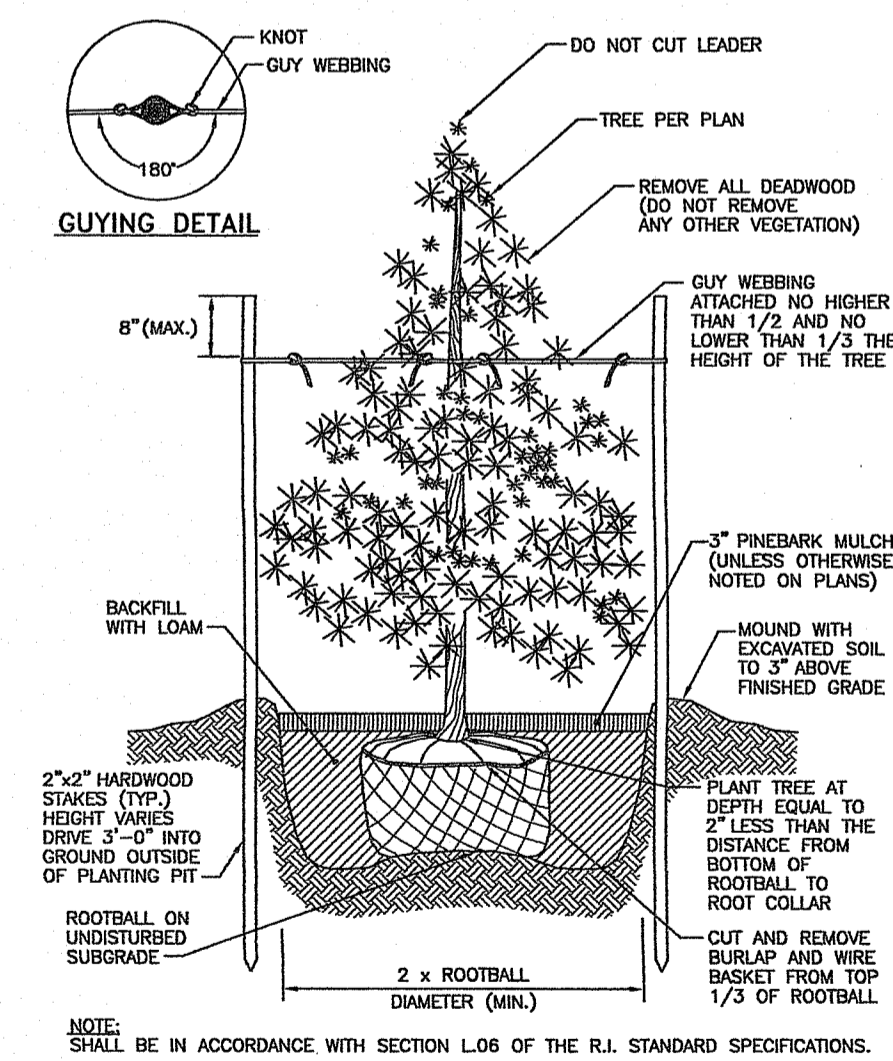


- NOTES:**
- SHALL BE IN ACCORDANCE WITH SECTION 208 OF THE R.I. STANDARD SPECIFICATIONS.
 - 2"x2"x4"-6" (MAX.) OAK POSTS FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAX.) O.C. IN WETLAND AREAS AND 4'-0" (MAX.) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
 - 1"x1"x4"-6" (MIN.) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
 - SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.



SILT FENCE DETAIL

R.I. STANDARD 9.2.0

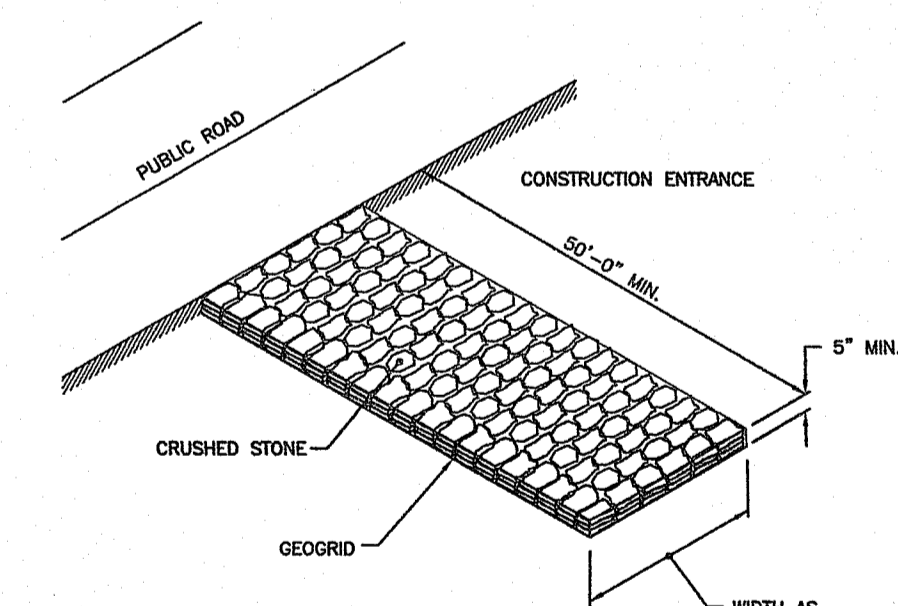


GUying DETAIL

NOTE: SHALL BE IN ACCORDANCE WITH SECTION L06 OF THE R.I. STANDARD SPECIFICATIONS.

EVERGREEN TREE PLANTING DETAIL

R.I. STANDARD 50.2.0



NOTE: SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE R.I. STANDARD SPECIFICATIONS.

CONSTRUCTION ACCESS

R.I. STANDARD 9.9.0

NORBERT A. THERIER
 No. 1739
 PROFESSIONAL LAND SURVEYOR
NATIONAL Surveyors-Developers Inc.
 42 Hamlet Ave., Woonsocket, R.I.
 (401) 769-7779

MICHAEL A. & KELLY A. BERNIER
 ASSESSORS PLAT 63 LOT 40
 4 BRAIDED BROOK LANE
 BURRILLVILLE, RHODE ISLAND

JOINT APPLICATION
DETAIL PLAN

DRAWN BY: JML/SMG CHECKED BY: N.A.T. FIELD BY: E.M.
 JUNE 2019 JOB No. 2019-60 SHEET 3 OF 4

O.W.T.S. NOTES

THIS DESIGN IS SUBMITTED TO RIDEM TO BE REVIEWED IN CONFORMANCE WITH ALL APPLICABLE REGULATIONS. CONSTRUCTION OF THIS SYSTEM WILL REQUIRE THE "DESIGNER'S CERTIFICATE OF CONSTRUCTION FOR ISDS".

ALL PIPES EXCEPT IN THE LEACHING FIELD SHALL BE SOLID 4 INCH DIAMETER SCHEDULE 40 WITH WATERTIGHT JOINTS OR EQUIVALENT.

SEPTIC TANK AND DISTRIBUTION BOX SHALL BE SET ON A LEVEL STABLE BASE THAT WILL NOT SETTLE.

DISTRIBUTION PIPES FOR A MINIMUM OF 2 FEET FROM DISTRIBUTION BOX TO THE FIRST SECTION IN THE FIELD SHALL BE SET LEVEL.

NO PROPOSED OR EXISTING KNOWN SYSTEMS WITHIN 100 FEET OF PROPOSED WELL.

NO KNOWN SUBSURFACE DRAINS WITHIN 25 FEET OF PROPOSED SYSTEM, INCLUDING FOUNDATION DRAINS.

ALL PIPES WITHIN LEACHING FIELD SHALL BE SET LEVEL. THERE SHALL BE A 2 INCH DROP FROM THE DISTRIBUTION BOX TO THE LEACHFIELD.

THE PROPOSED DISTRIBUTION BOX SHALL HAVE A BOTTOM AREA OF 3 SF OR GREATER.

THE LEACHING AREA AND AREA EXTENDING 10 FEET ON ALL SIDES MUST BE STRIPPED OF TREES AND BRUSH.

THE LEACHING AREA AND AREA EXTENDING 10' FEET ON ALL SIDES MUST BE STRIPPED OF TOP SOIL, SUBSOIL AND ANY UNDESIRABLE MATERIAL AND THE EXCAVATION SACRIFICED.

ANY GRAVEL BASE MATERIAL USED UNDER THE SAND LAYER SHALL CONSIST OF CLEAN, COARSE SAND, OR BANK RUN GRAVEL CONTAINING LITTLE OR NO FINES, OR ORGANIC MATERIAL AND CONTAINING LITTLE TO NO LARGE FRAGMENTS WITH NO STONE GREATER THAN 3 INCHES IN DIAMETER. NOT MORE THAN 10% OF THE GRAVEL CAN BE MADE UP OF STONES BETWEEN 3/4 INCHES AND 3 INCHES IN DIAMETER.

THE GRAVEL BASE MATERIAL SHALL BE PLACED IN SHALLOW LIFTS AND COMPACTED. THE GRAVEL BASE AFTER PLACEMENT AND COMPACTION SHALL HAVE A PERCOLATION RATE EQUAL TO OR BETTER THAN 5 MINUTES PER INCH. WHENEVER A SEWAGE LEACHING FIELD WILL BE LOCATED IN FINE TEXTURED SOILS CONTAINING FINE SANDS, SILTS OR CLAYS, A MINIMUM SIX (6) INCH DEPTH GRAVEL BASE MUST BE PLACED BENEATH THE ENTIRE LEACHING FIELD.

NO PROPOSED OR EXISTING KNOWN PUBLIC WELLS WITHIN 500 FEET OF PROPOSED SYSTEM EXCEPT AS SHOWN.

NO DRIVING, PARKING OR PAVING OVER ANY PORTION OF THE LEACH FIELD.

GRAVEL BACKFILL MUST BE BROUGHT UP AROUND THE TRENCH TO AT LEAST 2 INCHES ABOVE THE TOP OF THE DISTRIBUTION LINES IN THE LEACH FIELD.

BACKFILL PLACED OVER A LEACHING SYSTEM SHALL BE FREE OF LARGE STONES, FROZEN CLUMPS OF EARTH, RUBBISH, STUMPS, WASTE CONSTRUCTION MATERIALS OR ANY OTHER CONTAMINATES.

THE SURFACE AREA OVER THE LEACH FIELD SHALL BE GRASSED.

THE FINISH GRADE EXTENDING 10' AROUND EACH FIELD SHALL BE NO LOWER THAN ELEVATION 145.08 UNLESS OTHERWISE SPECIFIED, THE SYSTEM HAS NOT BEEN DESIGNED WITH THE PROVISIONS FOR GARBAGE GRINDERS.

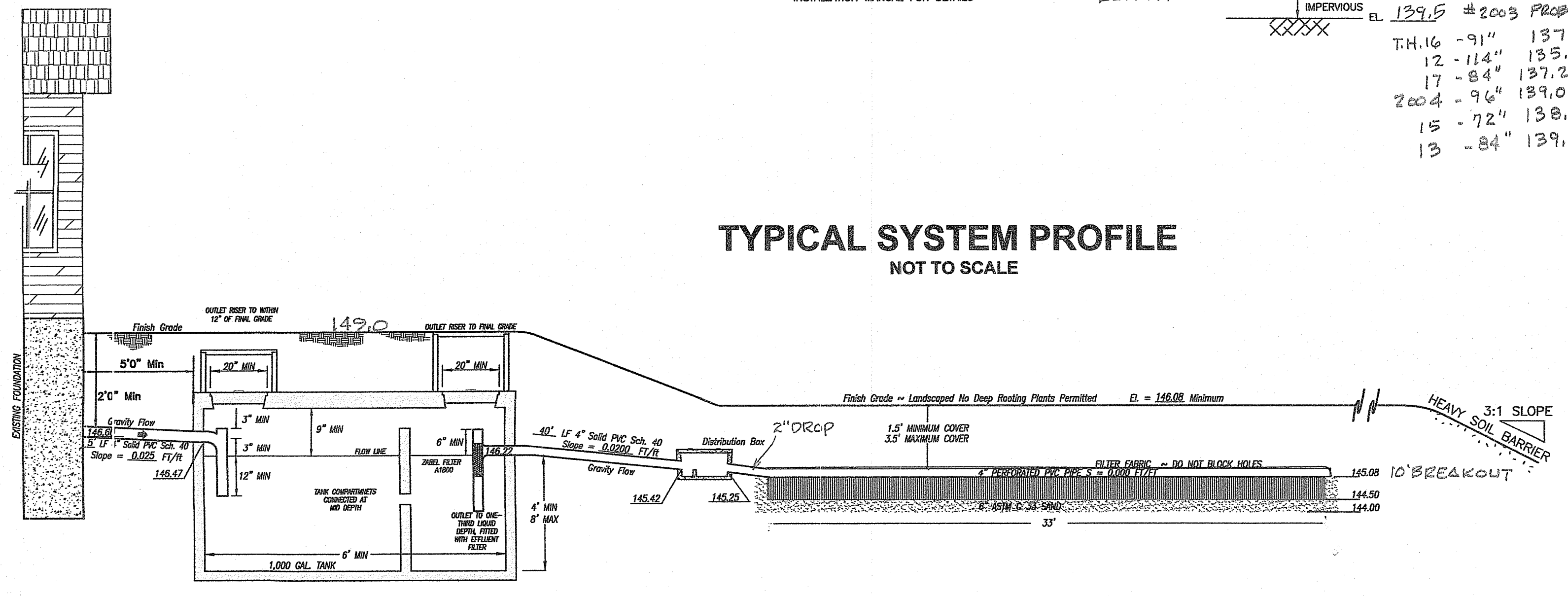
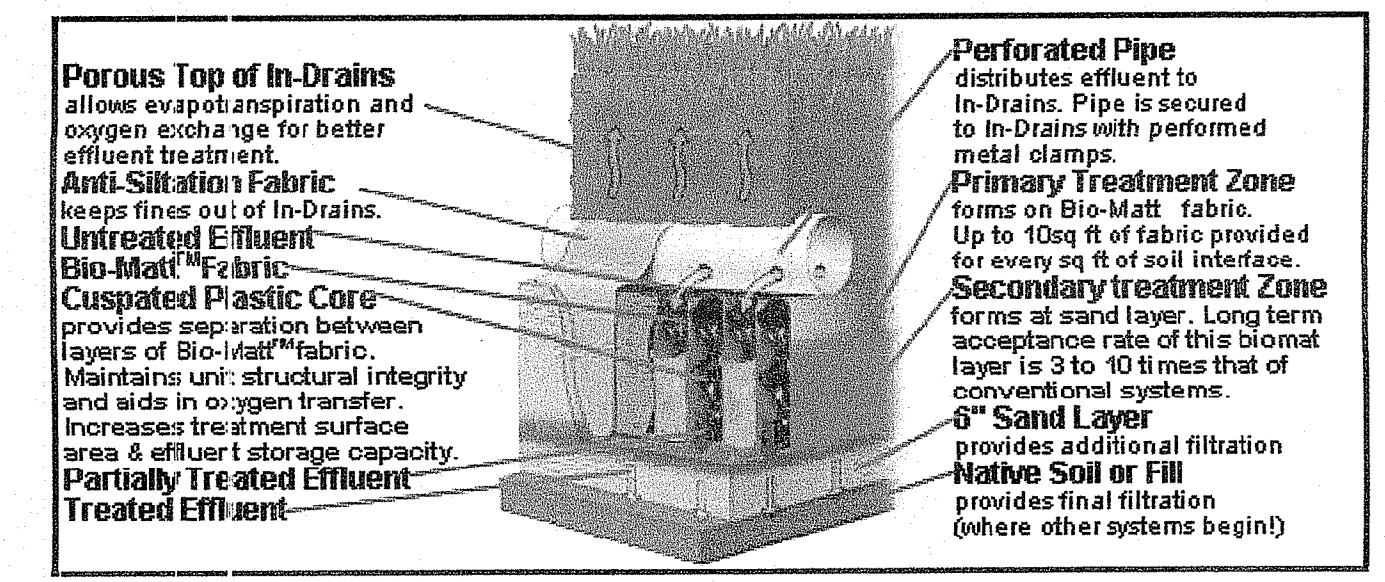
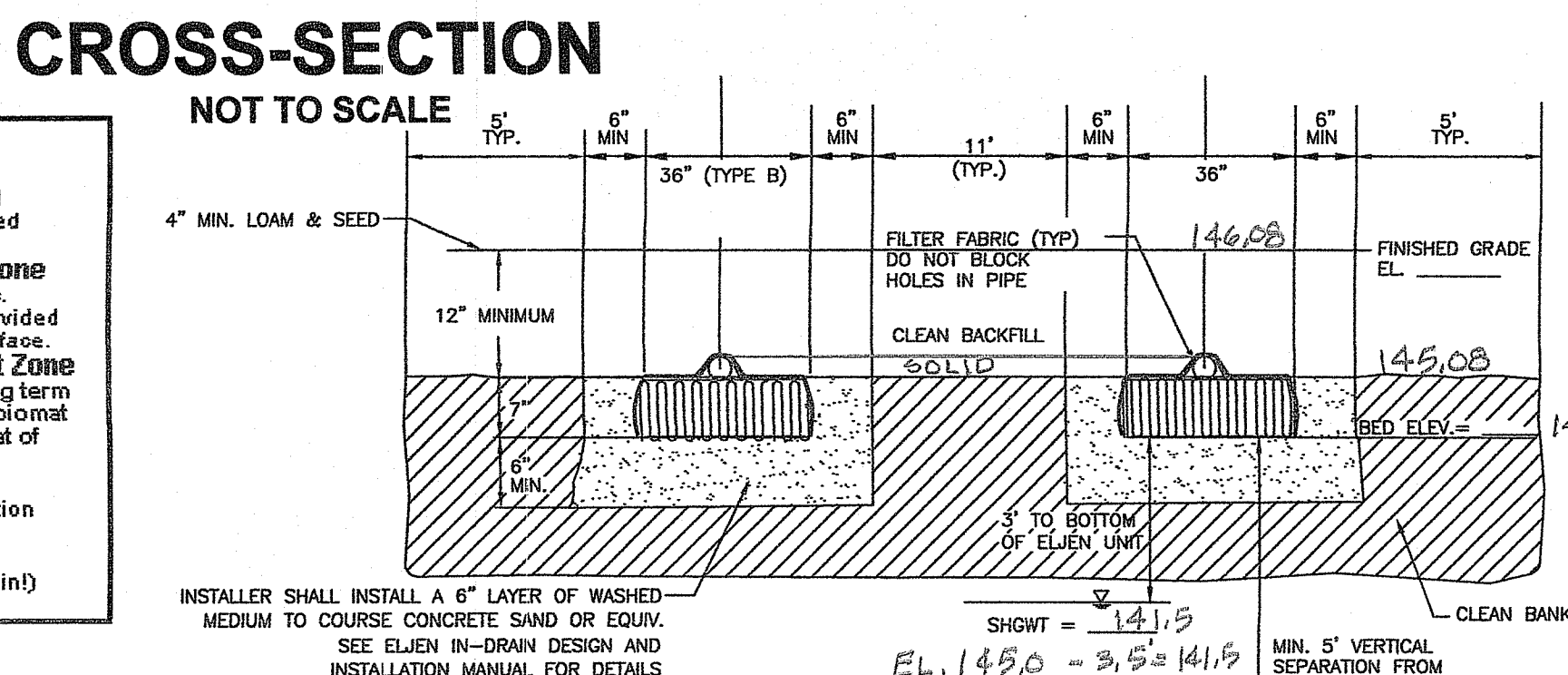
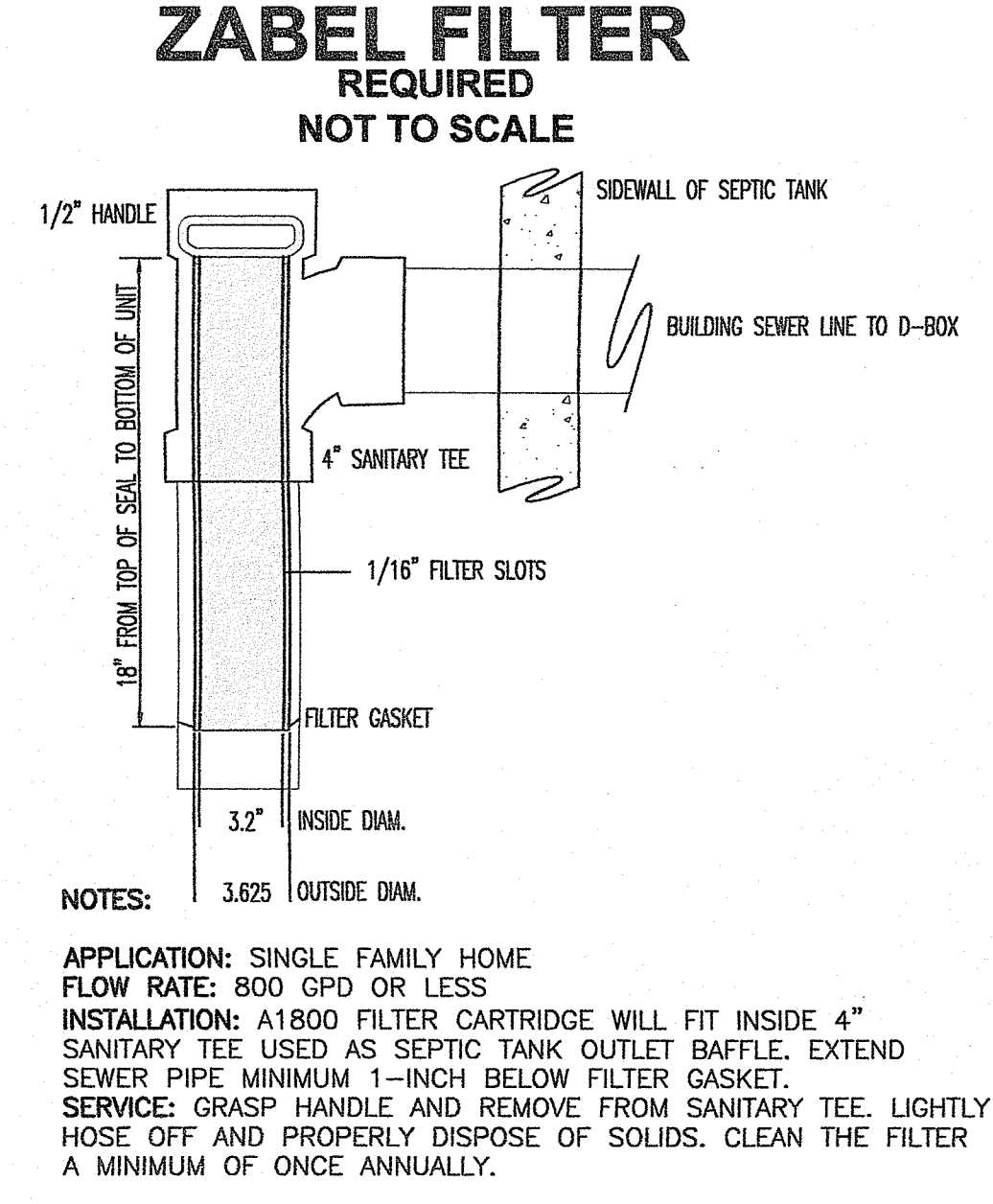
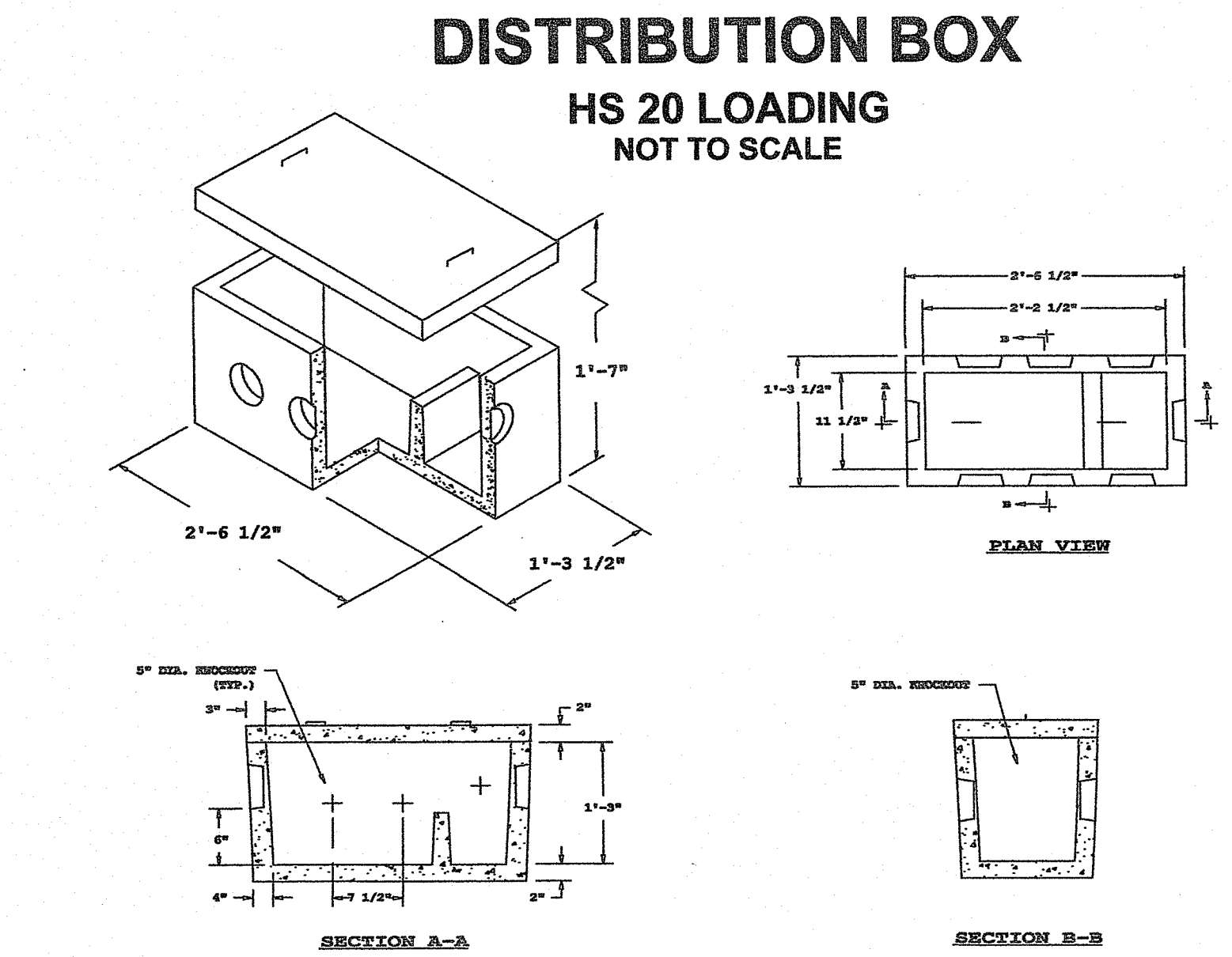
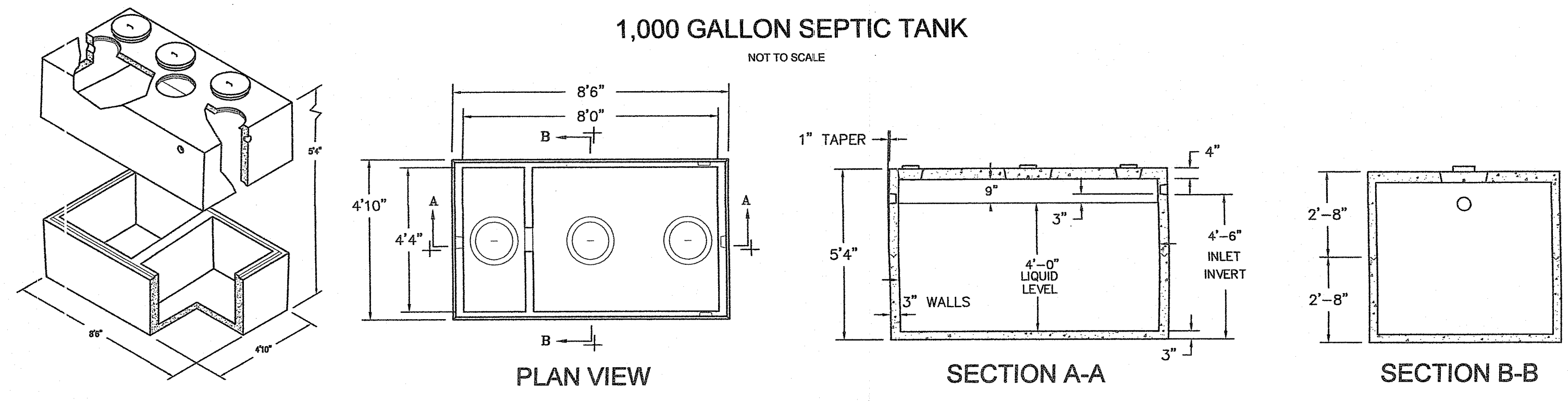
THIS SEWERAGE DISPOSAL SYSTEM SHALL CONFORM TO ALL THE REGULATIONS UNDER SECTIONS 42-17.1-2(1), (M) (R) AND (S) AND SECTION 23-19.5-4 AND CHAPTER 42-35 OF THE GENERAL LAWS OF RHODE ISLAND.

NO PROPOSED OR EXISTING KNOWN PRIVATE WELLS WITHIN 200 FEET OF THE PROPOSED SYSTEM EXCEPT AS SHOWN.

THE 6 INCH SAND LAYER UNDERLYING THE ELJEN UNITS SHALL BE ASTM C33 OR EQUAL.

A COC FOR THE SYSTEM CANNOT BE PROVIDED UNTIL THE CONTRACTOR PROVIDE RECEIPTS FOR ALL COMPONENTS OF THE ISDS.

INSPECTIONS OR AS-BUILT PLANS ARE REQUIRED, DESIGNER MUST BE NOTIFIED 48 HOURS IN ADVANCE AND COMPONENTS OF SYSTEM MUST BE LEFT EXPOSED.



NO.	DATE	DESCRIPTION	BY
2	11/8/19	Added Driveway Detail	WCR
1	10/23/19	REVISED LOAD LIMITS/UGELINE WCR	WCR

TEST HOLE RESULTS 503-62

TEST HOLE # #16
 DATE OF TEST 1-16-07
 W.T. CARD # 503-62

SEE SITE INSPECTION REPORT
 SOIL DESCRIPTION BY STRATA

WATER TABLE 3'6" (SE 42")
 LEDGE AT 91"

TEST HOLE # #17
 DATE OF TEST 5-4-07
 W.T. CARD # 503-62

SEE SITE INSPECTION REPORT
 SOIL DESCRIPTION BY STRATA

WATER TABLE 3'6" (SE 44")
 LEDGE AT 84"

PERCOLATION TEST

SOIL CATEGORY 3, 6 PRESENT IN TESTHOLES
 SOIL CATEGORY 3 = MPI
 SOIL CATEGORY 6 = MPI
 SOIL CATEGORY 10 = MPI

DESIGN RATE = 10 MPI = 104 SF/BRIDAY 503-62
 0.70 G/15F/DAY
DESIGN DATA
 3 BEDROOM DWELLING
 115 GAL/BRIDAY = 345 GAL/DAY
 0.70 GAL/15F/DAY = 495 SF REQUIRED
 ELJEN UNIT = 28 SF/UNIT
 19 ELJEN UNITS PROVIDED = 532 SF
 TOTAL AREA OF SYSTEM = 532 SF = 493 SF REQUIRED

SYSTEM ELEVATIONS

INV. OUT FOUNDATION	146.60
INV. IN SEPTIC TANK	146.47
INV. OUT SEPTIC TANK	146.22
INV. IN DISTRIBUTION BOX	145.42
INV. OUT DISTRIBUTION BOX	145.25
10' FILL PERIMETER UTILIZED	145.08
INV. ELJEN LEACHFIELD	145.08
BOTTOM UNIT - TOP SAND	144.50
SOIL - SAND	144.00
WATER TABLE	@ 141.50
MAX LEDGE ELEV. WITHIN 25 FT	139.5

NORBERT A. THERIEN
 No. 1739
 NATIONAL Surveyors-Developers Inc.
 42 Hamlet Ave., Woonsocket, R.I. (401) 769-7779

MICHAEL A. & KELLY A. BERNIER
 ASSESSORS PLAT 63 LOT 40
 4 BRAIDED BROOK LANE
 BURRILLVILLE, RHODE ISLAND

**JOINT APPLICATION
 OWTS DETAIL PLAN**

DRAWN BY: JML/SMG CHECKED BY: N.A.T. FIELD BY: E.M.
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