

LOCATION PLAN SCALE: 1"=2000'

GENERAL NOTES

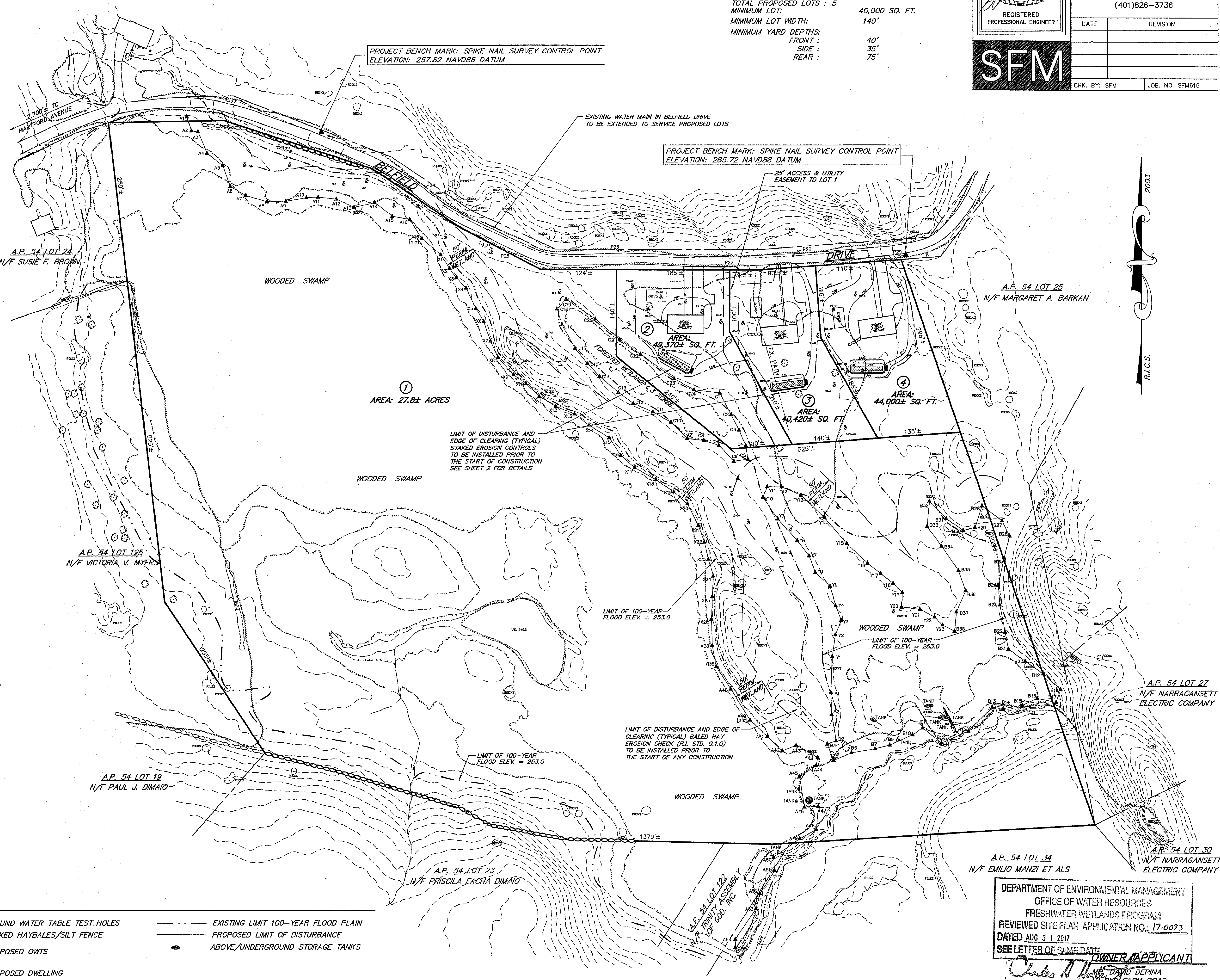
- SITE WILL BE SERVED BY A PUBLIC WATER SUPPLY.
- SITE IS LOCATED WITHIN ZONE AE (BASE FLOOD ELEVATION DETERMINED ELEVATION = 253.0 NAVD88) AND ZONE X (AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOOD PLAIN). REFER TO F.I.R.M. COMMUNITY-PANEL NUMBER 4400702284H REVISED: OCT. 2, 2015.
- REFERENCE PREVIOUS FRESHWATER WETLAND PERMIT NO. 04-0597.
- THERE ARE WETLANDS LOCATED ON THE SITE. NO WORK IS ALLOWED WITHIN STATE REGULATED WETLANDS EXCEPT AS SPECIFICALLY SHOWN. NO DEVELOPMENT IS PROPOSED WITHIN JURISDICTIONAL WETLANDS.
- FOR WATER TABLE DATA SEE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT GROUNDWATER TEST HOLE VERIFICATIONS #9516-0002 0016-0005 AND CLASS IV SOIL EVALUATIONS DATED 11/19/03.
- THE TOPOGRAPHICAL INFORMATION SHOWN ON THIS PLAN WAS COMPILED FROM AN AERIAL PHOTOGRAMMETRIC SURVEY. THE MAXIMUM PROBABLE VERTICAL ERROR IS 1/2 THE CONTOUR INTERVAL. THE HORIZONTAL DATUM IS BASED UPON NAD 83 COORDINATES AND WAS OBTAINED USING GLOBAL POSITIONING SYSTEM DATA. THE BENCH MARK USED FOR THIS SURVEY IS BASED UPON THE NAVD88 DATUM AND WAS OBTAINED USING GLOBAL POSITIONING SYSTEM DATA.
- THE WETLANDS EDGES (WOODED SWAMP AND FORESTED WETLANDS) WERE DELINEATED IN THE FIELD BY NATURAL RESOURCE SERVICES, INC. IN NOVEMBER 2016 AND REVISED BY THEM IN JUNE 2017. THE REVISED FLAGS WERE LOCATED IN THE FIELD USING CONVENTIONAL GROUND SURVEY METHODS.
- THERE ARE NO EXISTING OR PROPOSED PUBLIC WATER SUPPLY SOURCES WITHIN 500' OF PROPOSED LOTS OTHER THAN THOSE SHOWN ON PLAN.
- THERE ARE NO EXISTING OR PROPOSED SEWAGE DISPOSAL SYSTEMS WITHIN 100' OF THE PROPOSED SEWAGE DISPOSAL SYSTEMS OTHER THAN THOSE SHOWN ON THE PLAN.
- THERE ARE NO EXISTING OR PROPOSED INDIVIDUAL WATER SUPPLIES WITHIN 200' OF THE PROPOSED SEWAGE DISPOSAL SYSTEMS OTHER THAN THOSE SHOWN ON THE PLAN.
- EXCEPT WHERE INDICATED SITE IS ENTIRELY WOODED.
- SILT SOCK, STRAW BALE OR SILT FENCE EROSION CHECKS SHALL BE INSTALLED AT ALL LIMITS OF DISTURBANCE PRIOR TO EARTH DISTURBING ACTIVITIES AND SHALL BE MAINTAINED UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITH 4" LOAM AND SEED OR SOG. PROPOSED SLOPES SHALL BE 3:1 (MAXIMUM).
- EXISTING UTILITY LOCATIONS ARE APPROXIMATE ONLY. DIG SAFE AND APPROPRIATE UTILITY COMPANIES SHALL BE NOTIFIED PRIOR TO ANY CONSTRUCTION FOR ACCURATE UTILITY LOCATIONS.
- ALL WORK SHALL BE PERFORMED IN STRICT CONFORMANCE WITH THE REQUIREMENTS OF THE D.E.M. WETLANDS PERMIT AND IN COMPLIANCE WITH ALL TOWN REGULATIONS.
- ALL IMPROVEMENTS SHALL BE ACCURATELY LOCATED AND STAKED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE SITE CONSISTS OF A SINGLE LOT AND THIS PROPOSED SUBDIVISION SEEKS TO CREATE FOUR TOTAL LOTS.
- UNLESS OTHERWISE SHOWN THERE ARE NO KNOWN HISTORIC AREAS, CEMETERIES, FOUNDATIONS, ETC. ON THE SUBJECT PROPERTY.
- UNLESS OTHERWISE SHOWN THERE ARE NO KNOWN EXTRAORDINARY OR UNUSUAL NATURAL FEATURES ON THE SUBJECT PROPERTY.
- UNLESS OTHERWISE SHOWN THERE ARE NO KNOWN EXISTING STRUCTURES OR BUILDINGS ON THE SUBJECT PROPERTY.
- EACH STAGE OF CONSTRUCTION OF THE ONSITE WASTEWATER TREATMENT SYSTEMS MUST BE SUPERVISED BY THE SYSTEM DESIGNER.
- SEE SHEETS 2 AND 3 FOR ADDITIONAL NOTES AND DETAILS.

CONTIGUOUS UPLAND TABLE

LOT NO.	TOTAL AREA	WETLANDS AREA	CONTIGUOUS UPLAND
1	27.8± ACRES	21.9± ACRES	5.9± ACRES
2	49,370 SQ. FT.	9,150 SQ. FT.	40,220 SQ. FT.
3	40,420 SQ. FT.	-	40,420 SQ. FT.
4	44,000 SQ. FT.	-	44,000 SQ. FT.

LEGEND

- ① PROPOSED LOT NUMBER
- A.P. ASSESSOR'S PLAT
- - - EXISTING CONTOUR
- - - PROPOSED WATER MAIN/SERVICE
- ○ ○ ○ STONE WALL
- UTILITY POLE
- ⊗ GROUND WATER TABLE TEST HOLES
- x x x STAKED HAYBALES/SILT FENCE
- OWTS
- PROPOSED OWTS
- PROPOSED DWELLING
- ▲ A15 FRESHWATER WETLANDS DELINEATION FLAG
- - - EXISTING LIMIT 100-YEAR FLOOD PLAIN
- - - PROPOSED LIMIT OF DISTURBANCE
- ABOVE/UNDERGROUND STORAGE TANKS



ZONE: RESIDENCE R-40
 ASSESSOR'S PLAT 54 LOT 127
 TOTAL AREA: 30± ACRES
 TOTAL PROPOSED LOTS : 5
 MINIMUM LOT: 40,000 SQ. FT.
 MINIMUM LOT WIDTH: 140'
 MINIMUM YARD DEPTHS:
 FRONT : 40'
 SIDE : 35'
 REAR : 75'

SCOTT F. MOOREHEAD
 REGISTERED PROFESSIONAL ENGINEER
SFM
 CHK. BY: SFM JOB. NO. SFM616

DRAINAGE & GRADING DESIGNER/ENGINEER
 S.F.M. ENGINEERING ASSOCIATES
 410 TOGUE AVENUE
 COVENTRY, R.I. 02816
 (401)826-3736

DATE	REVISION

SCITUATE SURVEYS, INC.
 410 TOGUE AVENUE
 COVENTRY, RHODE ISLAND 02816
 401-826-1801
 LAND SURVEYING/MAPPING/SITE PLANNING

SCALE IN FEET: 0 40 80 160 240

ANGELO M. RAIMONDI
 No. 1762
 PROFESSIONAL LAND SURVEYOR

STATEMENT OF ENDORSEMENT: I, ANGELLO M. RAIMONDI, LAND SURVEYOR, NO. 1762, DO HEREBY ENDORSE THE SURVEY AND MAP SHOWN ON THIS DRAWING AS BEING A TRUE AND ACCURATE REPRESENTATION OF THE SURVEYED AND MAPPED PROPERTY.

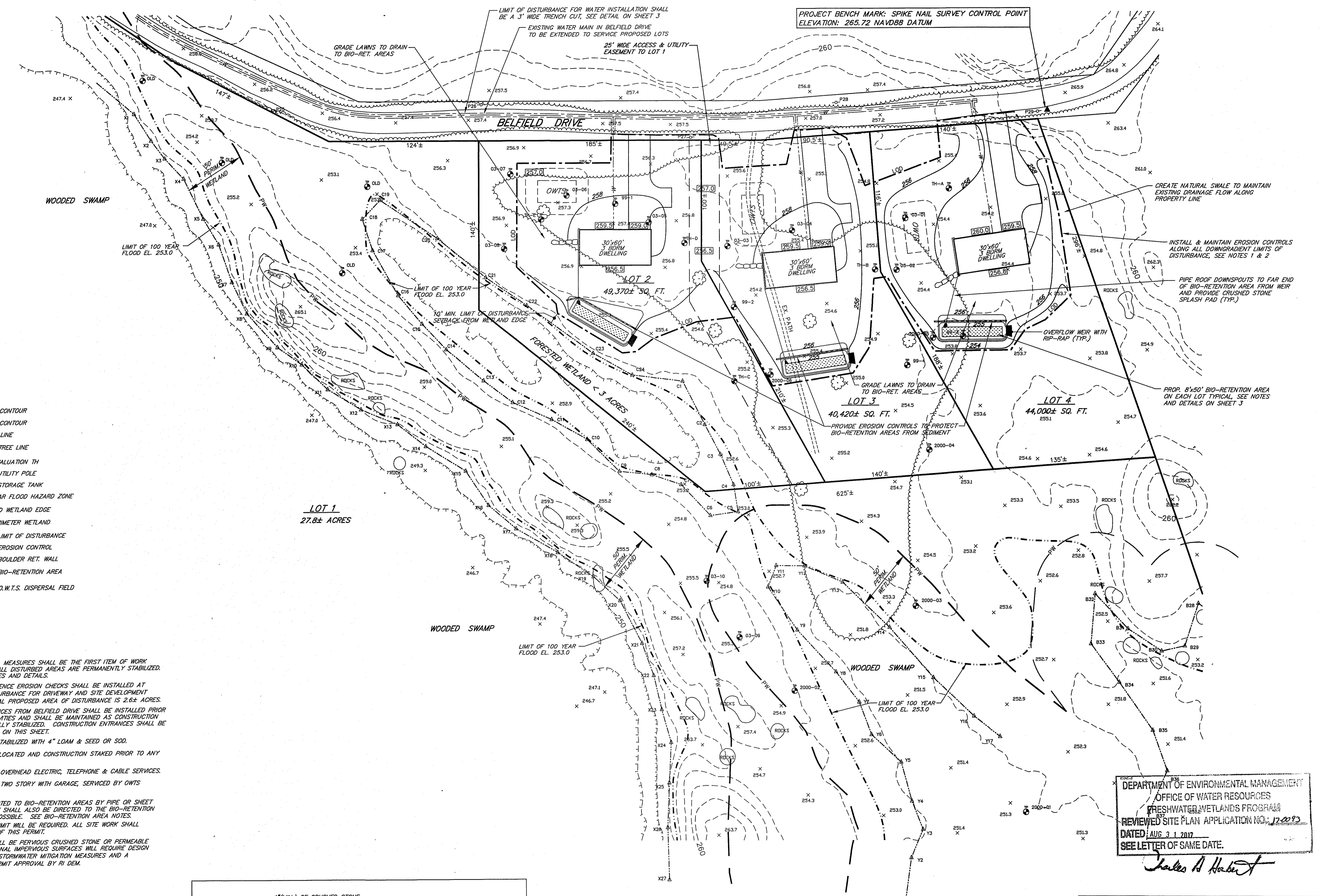
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO.: 17-0073
 DATED AUG 3 1 2017
 SEE LETTER OF SAME DATE

PLAN SHOWING PROPOSED SUBDIVISION BELFIELD DRIVE ASSASSOR'S PLAT 54 LOT 127 JOHNSTON, RHODE ISLAND PREPARED FOR: DAVID DEPINA DATE: MARCH 28, 2017 REVISION: JUNE 21, 2017

OWNER/APPLICANT: Charles A. Depina, David Depina, 12 BLD FARM ROAD, WESTPORT, MA, 02790, TELEPHONE: (401) 639-4377

PROJECT NO.: SS1936 SHEET 1 OF 3
 DRAWING NO.: SS4385

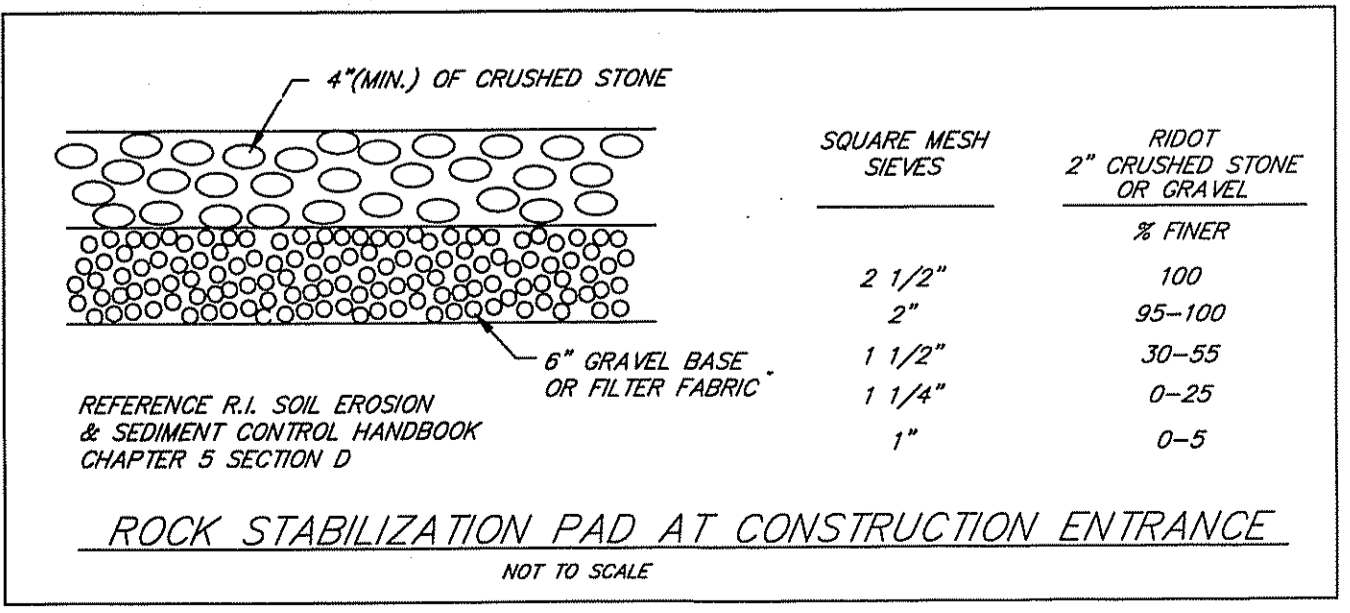
2003
R.I.C.S.



- LEGEND**
- 210--- EXIST. CONTOUR
 - 220--- PROP. CONTOUR
 - W--- WATER LINE
 - T--- EXIST. TREE LINE
 - 03-06 SOIL EVALUATION TH
 - 27-01 EXIST. UTILITY POLE
 - EXIST. STORAGE TANK
 - 100 YEAR FLOOD HAZARD ZONE
 - FLAGGED WETLAND EDGE
 - PW--- 50' PERIMETER WETLAND
 - LOD--- PROP. LIMIT OF DISTURBANCE
 - PROP. EROSION CONTROL
 - PROP. BOULDER RET. WALL
 - PROP. BIO-RETENTION AREA
 - OWTS--- PROP. O.W.T.S. DISPERSAL FIELD

- GENERAL NOTES**
- INSTALLATION OF EROSION CONTROL MEASURES SHALL BE THE FIRST ITEM OF WORK AND SHALL BE MAINTAINED UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED. SEE SHEET 3 FOR ADDITIONAL NOTES AND DETAILS.
 - STRAW BALE, SILT SOCK OR SILT FENCE EROSION CHECKS SHALL BE INSTALLED AT ALL DOWNGRADIENT LIMITS OF DISTURBANCE FOR DRIVEWAY AND SITE DEVELOPMENT PRIOR TO CONSTRUCTION. THE TOTAL PROPOSED AREA OF DISTURBANCE IS 2.6± ACRES.
 - CRUSHED STONE DRIVEWAY ENTRANCES FROM BELFIELD DRIVE SHALL BE INSTALLED PRIOR TO OTHER EARTH DISTURBING ACTIVITIES AND SHALL BE MAINTAINED AS CONSTRUCTION ENTRIES UNTIL EACH LOT IS FULLY STABILIZED. CONSTRUCTION ENTRANCES SHALL BE 12" WIDE BY 50' LONG. SEE DETAIL ON THIS SHEET.
 - ALL DISTURBED AREAS SHALL BE STABILIZED WITH 4" LOAM & SEED OR SOD.
 - ALL WORK SHALL BE ACCURATELY LOCATED AND CONSTRUCTION STAKED PRIOR TO ANY CLEARING OR EARTH DISTURBANCE.
 - NEW HOMES TO BE SERVICED WITH OVERHEAD ELECTRIC, TELEPHONE & CABLE SERVICES.
 - TYPICAL HOME TO BE 3 BEDROOM, TWO STORY WITH GARAGE, SERVICED BY OWTS AND PUBLIC WATER.
 - ALL ROOF RUNOFF SHALL BE DIRECTED TO BIO-RETENTION AREAS BY PIPE OR SHEET FLOW OVER LAWNS. LAWN RUNOFF SHALL ALSO BE DIRECTED TO THE BIO-RETENTION AREAS TO THE MAXIMUM EXTENT POSSIBLE. SEE BIO-RETENTION AREA NOTES.
 - A DEM FRESHWATER WETLANDS PERMIT WILL BE REQUIRED. ALL SITE WORK SHALL COMPLY WITH THE REQUIREMENTS OF THIS PERMIT.
 - ALL NEW DRIVEWAY SURFACES SHALL BE PERVIOUS CRUSHED STONE OR PERMEABLE PAVERS. INSTALLATION OF ADDITIONAL IMPERVIOUS SURFACES WILL REQUIRE DESIGN AND INSTALLATION OF ADDITIONAL STORMWATER MITIGATION MEASURES AND A REVISED FRESHWATER WETLAND PERMIT APPROVAL BY RI DEM.

- BIO-RETENTION AREA SIZING**
- PROPOSED BIO-RETENTION AREA BOTTOMS ARE 6" WIDE BY 50' LONG. SEE DETAILS AND ADDITIONAL DESIGN NOTES ON SHEET 3.
 - THE BIO-RETENTION AREAS ARE DESIGNED TO MITIGATE A 100 YEAR STORM BASED ON AN IMPERVIOUS AREA OF 1,800 S.F. AND A LAWN AREA OF 14,000 S.F. PER LOT. A LARGER IMPERVIOUS AREA WILL REQUIRE REDESIGN OF STORMWATER MITIGATION.
 - EACH HOME SITE MAY HAVE MORE THAN ONE BIO-RETENTION AREA PROVIDED EACH IS SIZED TO MITIGATE A PROPORTIONATE IMPERVIOUS AND LAWN AREA.
 - THE LENGTH OF THE BIO-RETENTION AREAS SHALL BE AT LEAST 5 TIMES THE WIDTH WITH THE LENGTH ORIENTED PARALLEL TO SURFACE CONTOURS AND SHAPED TO CONFORM WITH EXISTING SLOPES.
 - BIO-RETENTION AREAS SHALL BE LOCATED AT LEAST 15' FROM OWTS COMPONENTS AND AT LEAST 10' FROM HOUSE FOUNDATIONS.



HOUSE & OWTS DESIGN ELEVATIONS

LOT NO.	TEST HOLE	SHWT DEPTH	SHWT ELEV.	BOTTOM ELVEN	INVERT ELEV.	TOP FNON.	GAR. SLAB
1	03-06	5'	252.0	255.0	255.58	260.5	259.0
2	03-04	4'4"	252.0	255.0	255.58	260.5	259.0
3	03-01	2'	252.5	255.5	256.08	261.0	253.0

SCOTT F. MOOREHEAD
REGISTERED PROFESSIONAL ENGINEER
4298

DRAINAGE & GRADING DESIGNER/ENGINEER
S.F.M. ENGINEERING ASSOCIATES
410 TIOGUE AVENUE
COVENTRY, R.I. 02816
(401)826-3736

DATE: 6-21-17
REVISION: ELIMINATE ONE LOT

SFM
CHK. BY: SFM
JOB. NO. SFM616GP-A

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO. 12093
DATED AUG 31 2017
SEE LETTER OF SAME DATE.
James A. Harber

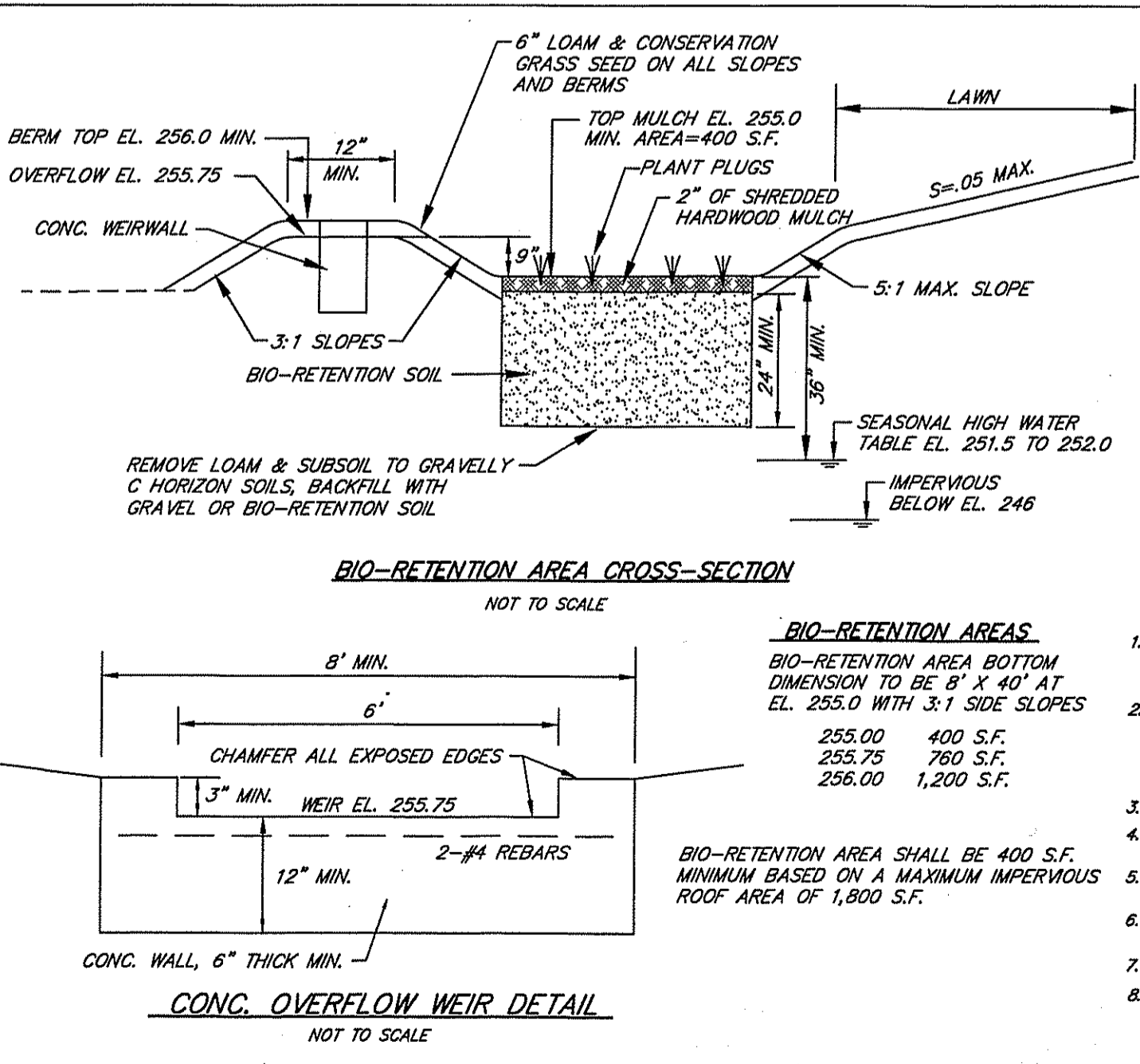
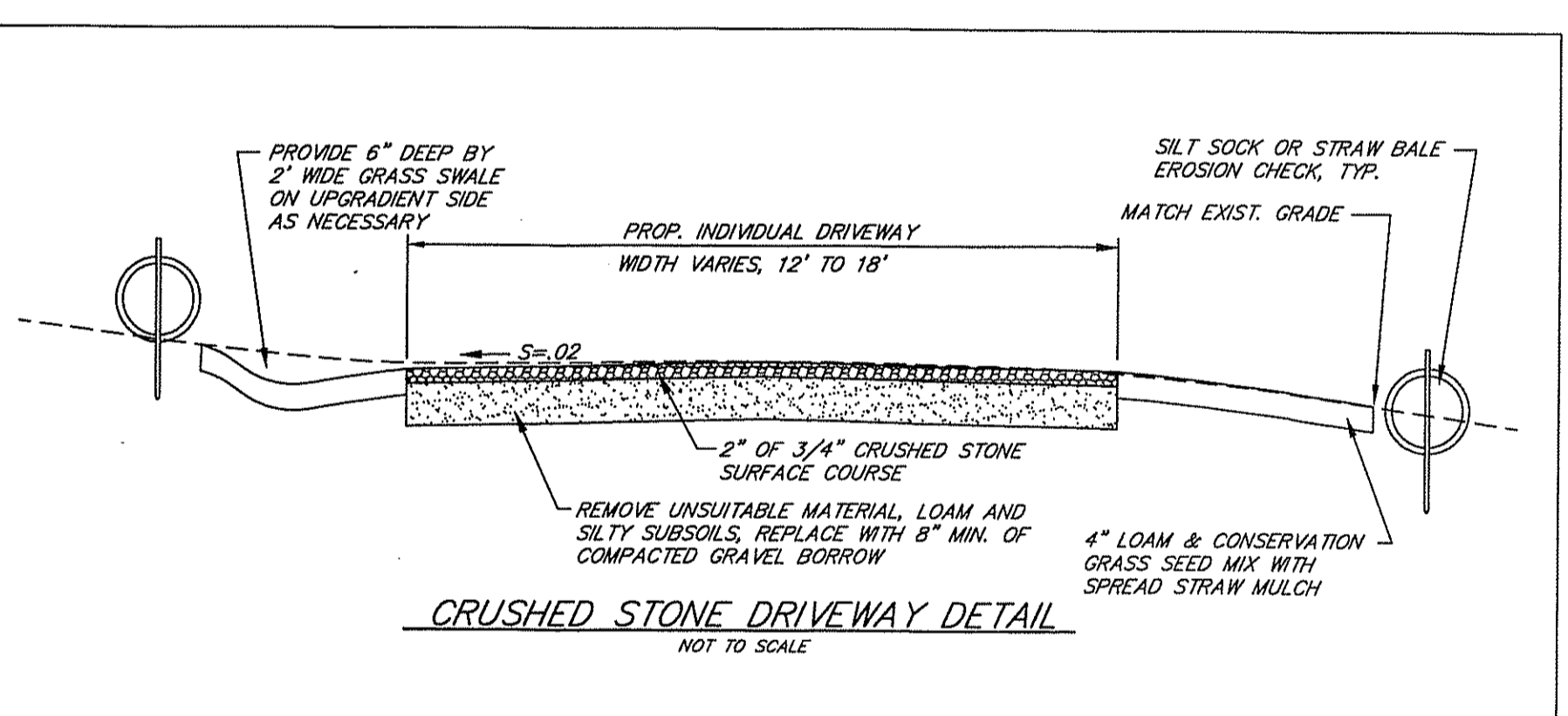
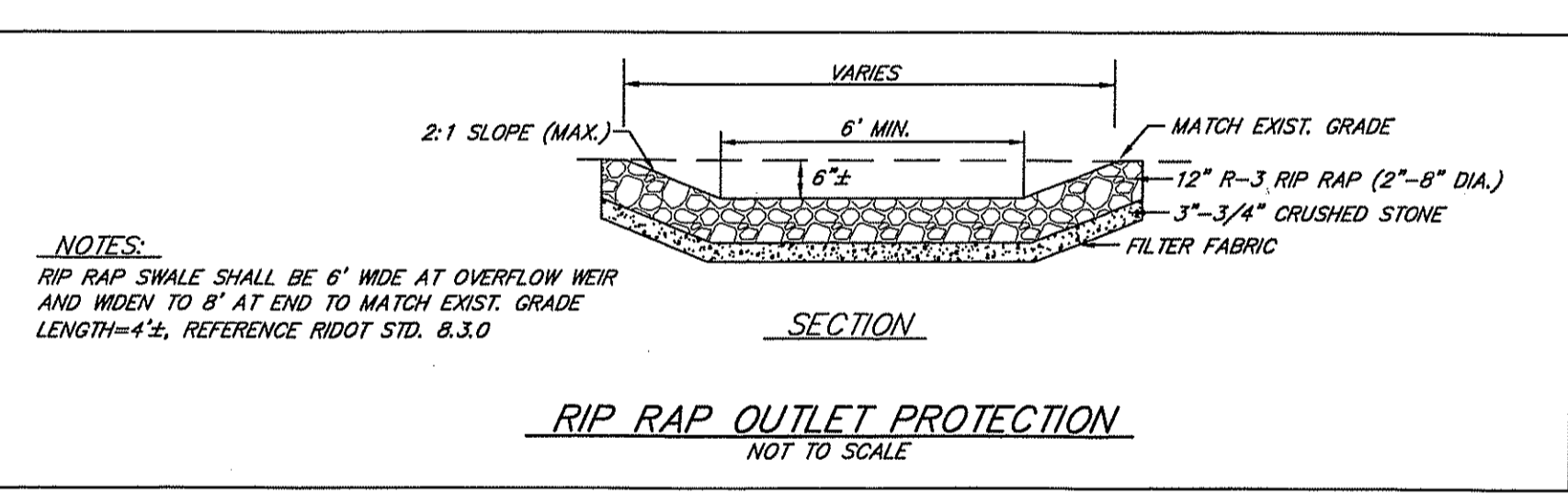
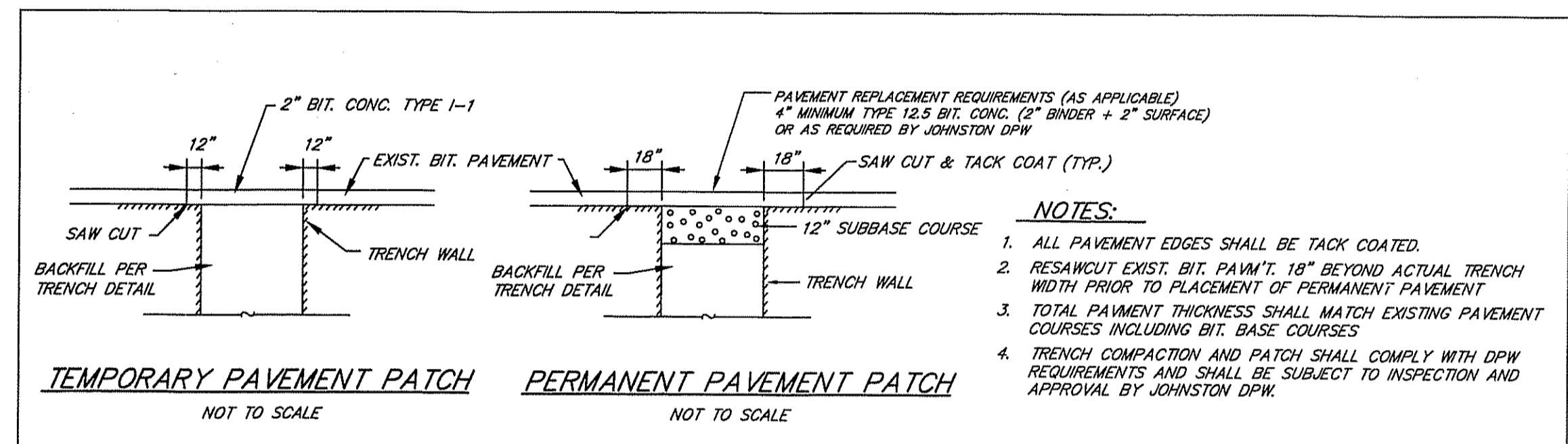
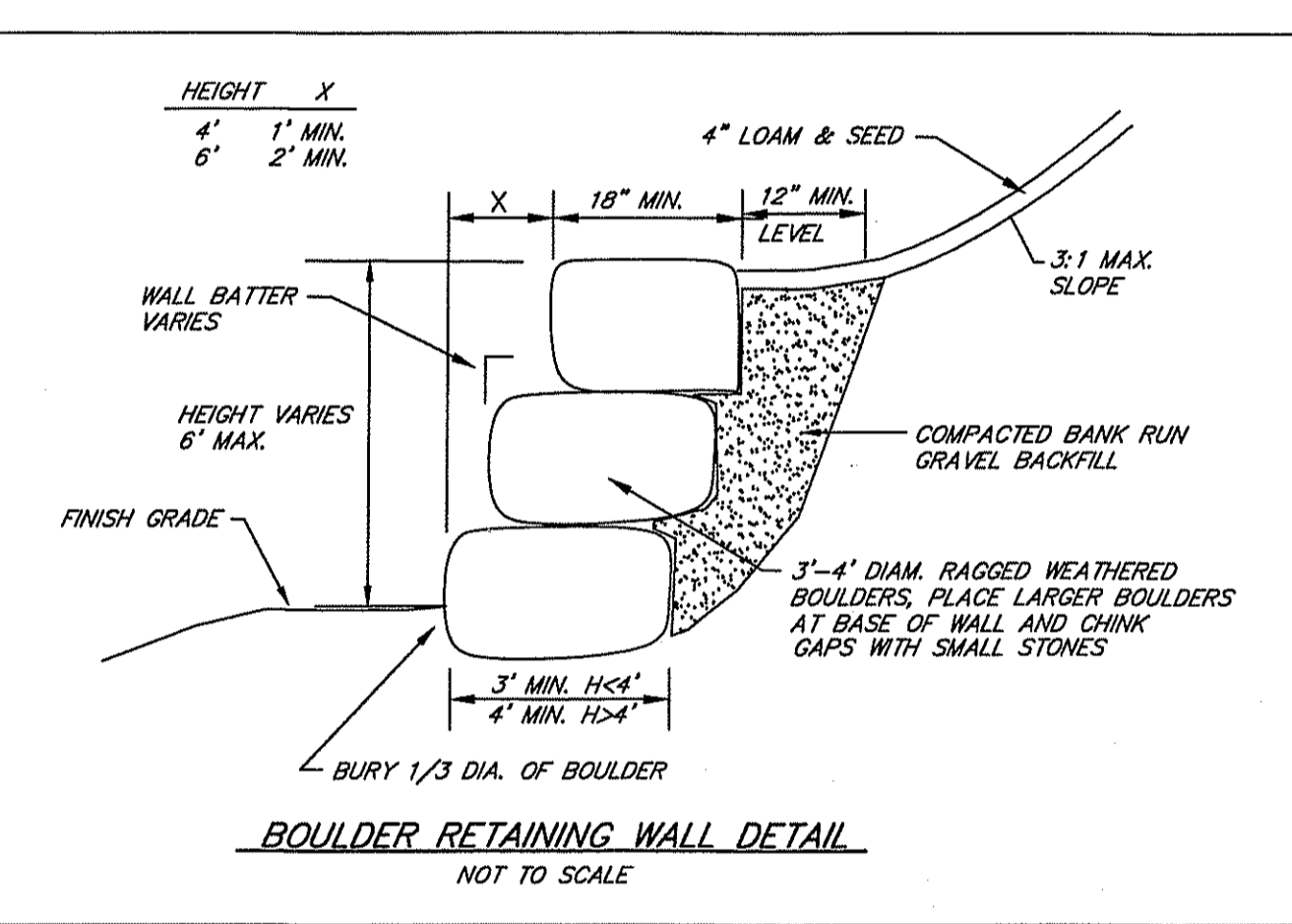
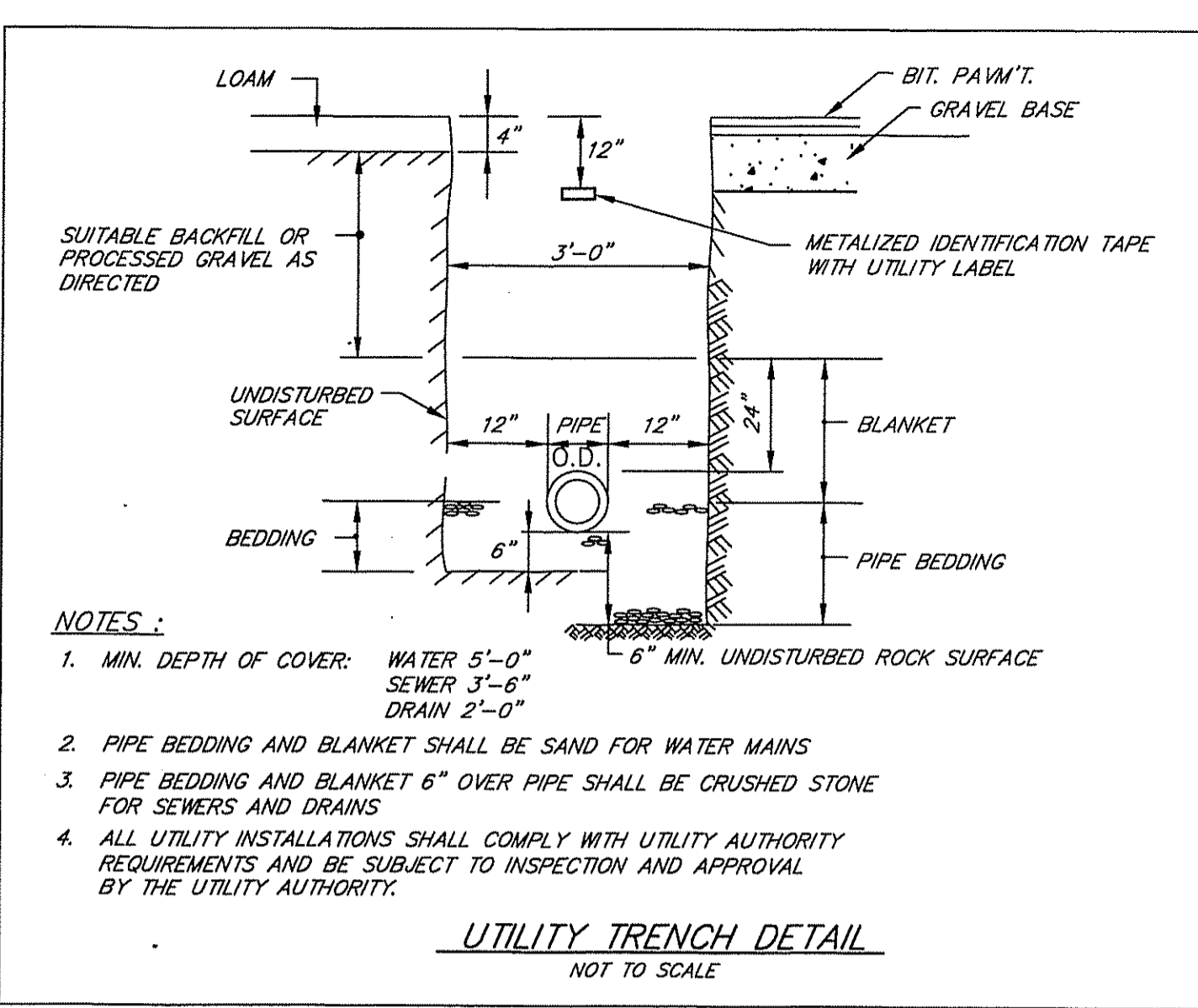
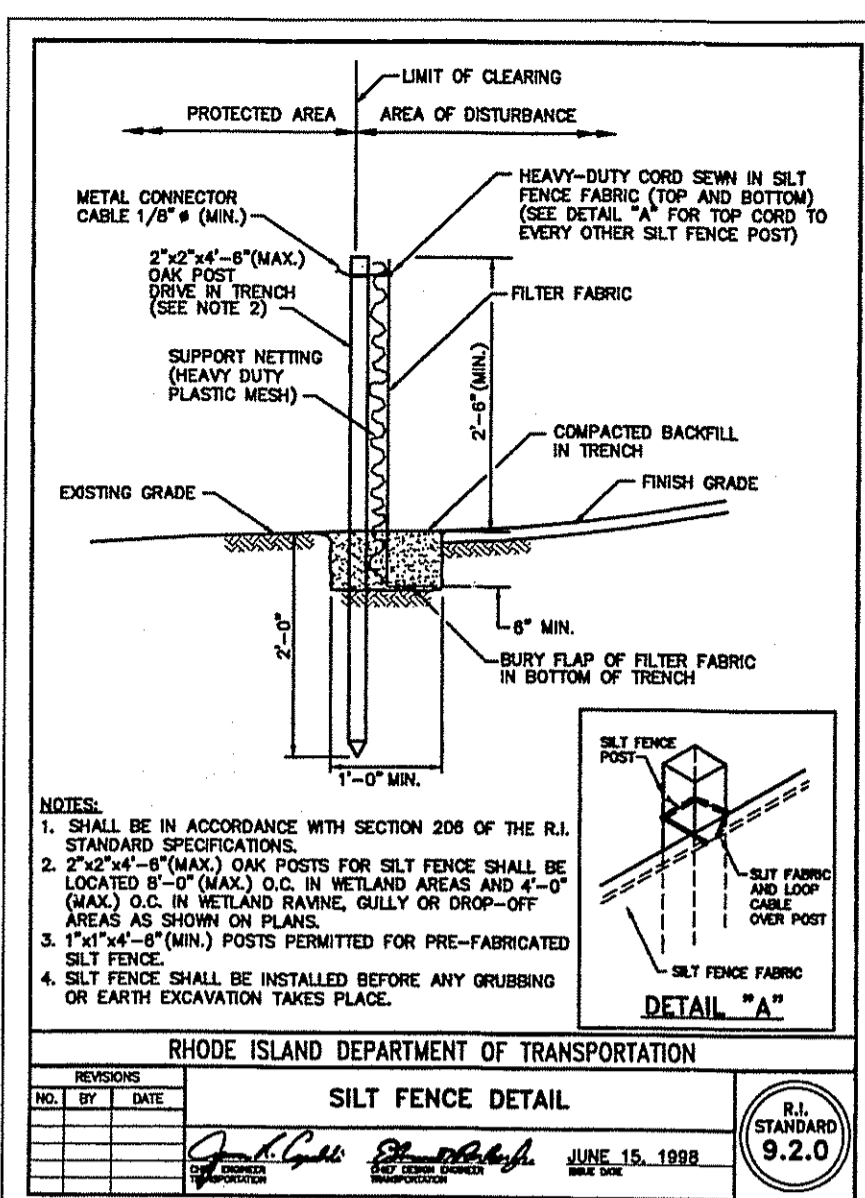
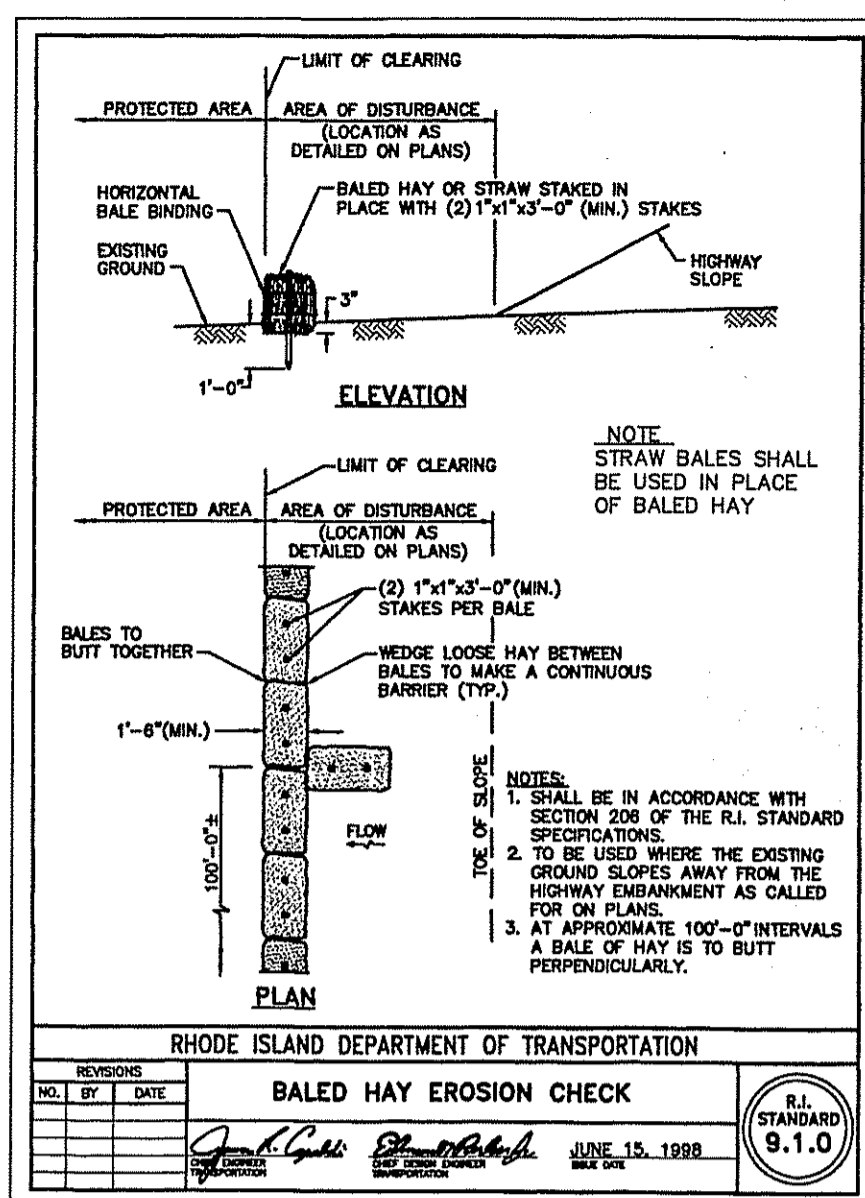
SCITUATE SURVEYS, INC.
410 TIOGUE AVENUE
COVENTRY, R.I. 02816
401.826.8101
LAND SURVEYING/MAPPING/SITE PLANNING

SCALE IN FEET: 0 20 40 80 120

SEAL: ANGELO M. RAIMONDI
No. 1762
PROFESSIONAL LAND SURVEYOR

PLAN SHOWING PROPOSED SUBDIVISION BELEFIELD ACRES BELFIELD DRIVE JOHNSTON, RHODE ISLAND PREPARED FOR: DAVID DEPIWA
ASSESSOR'S PLAT 54 LOT 12Z

PROJECT NO.: SS1936 SHEET 2 OF 3
DRAWING NO.: SS4275



BIO-RETENTION AREA NOTES

- BIO-RETENTION AREAS SHALL BE PROTECTED FROM COMPACTION PRIOR TO AND DURING CONSTRUCTION.
- ALL LOAM & SUBSOIL SHALL BE STRIPPED AND THE AREA EXCAVATED TO DESIGN BOTTOM GRADE. BIO-RETENTION SOIL SHALL BE PLACED TO A DEPTH OF 24" AND COVERED WITH 2" OF MULCH.
- MULCH SHALL BE SHREDDED HARDWOOD MULCH.
- BOTTOM OF BIO-RETENTION AREA SHALL BE PLANTED WITH AN EQUAL MIXTURE OF BLUEFLAG IRIS, WOOD GRASS AND PICKEREL WEED PLUGS AT 18" ON CENTER. PLANTINGS SHALL COMPLY WITH APPROXIMATE B.S.3 OF THE R.I. STORMWATER DESIGN AND INSTALLATION STANDARDS MANUAL (MARCH 2015).
- BIO-RETENTION AREA PLANTINGS SHALL BE INSTALLED BY A LANDSCAPE CONTRACTOR. SURVIVAL SHALL BE GUARANTEED FOR ONE YEAR.
- BIO-RETENTION SOIL SHALL HAVE A LOAMY SAND TEXTURE AND CONFORM TO THE FOLLOWING GRADATION:

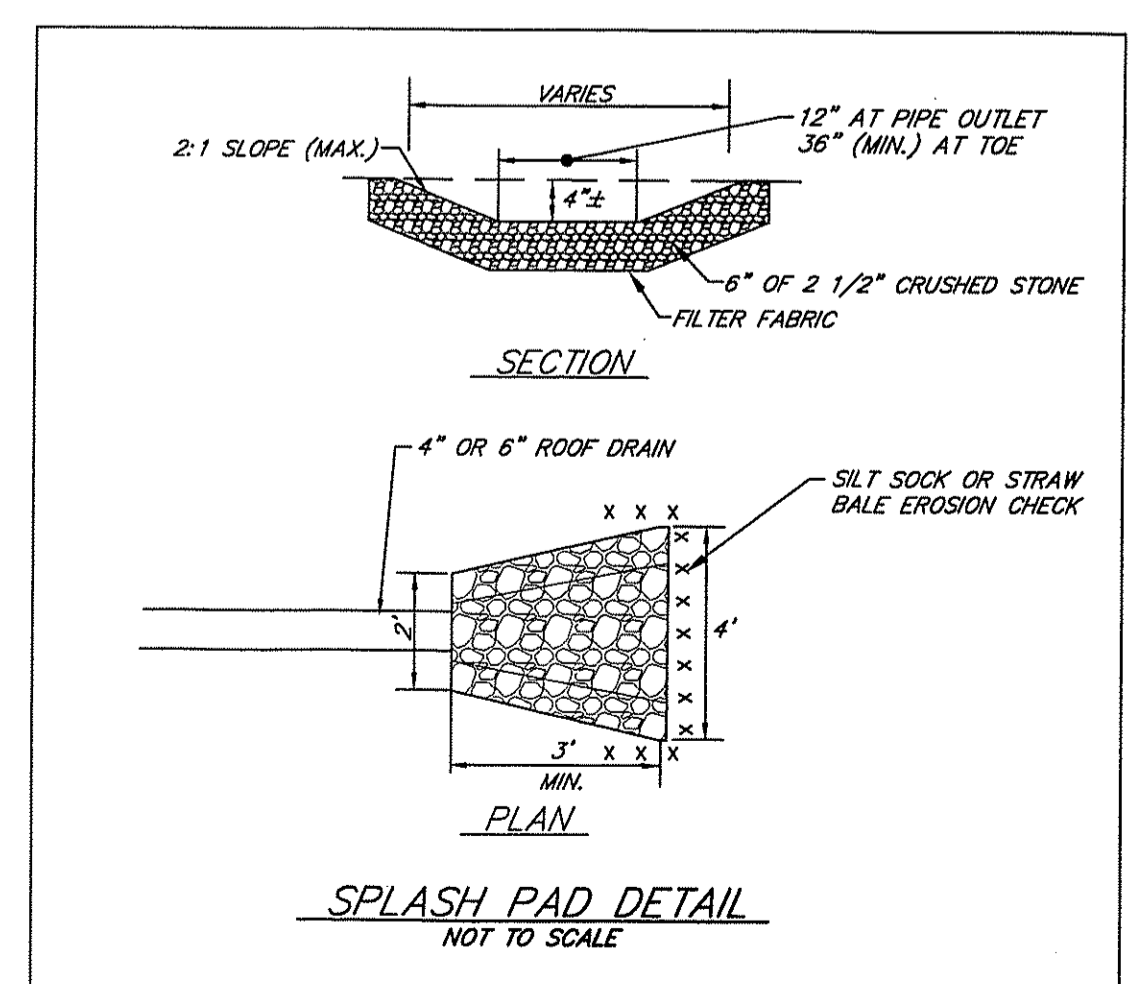
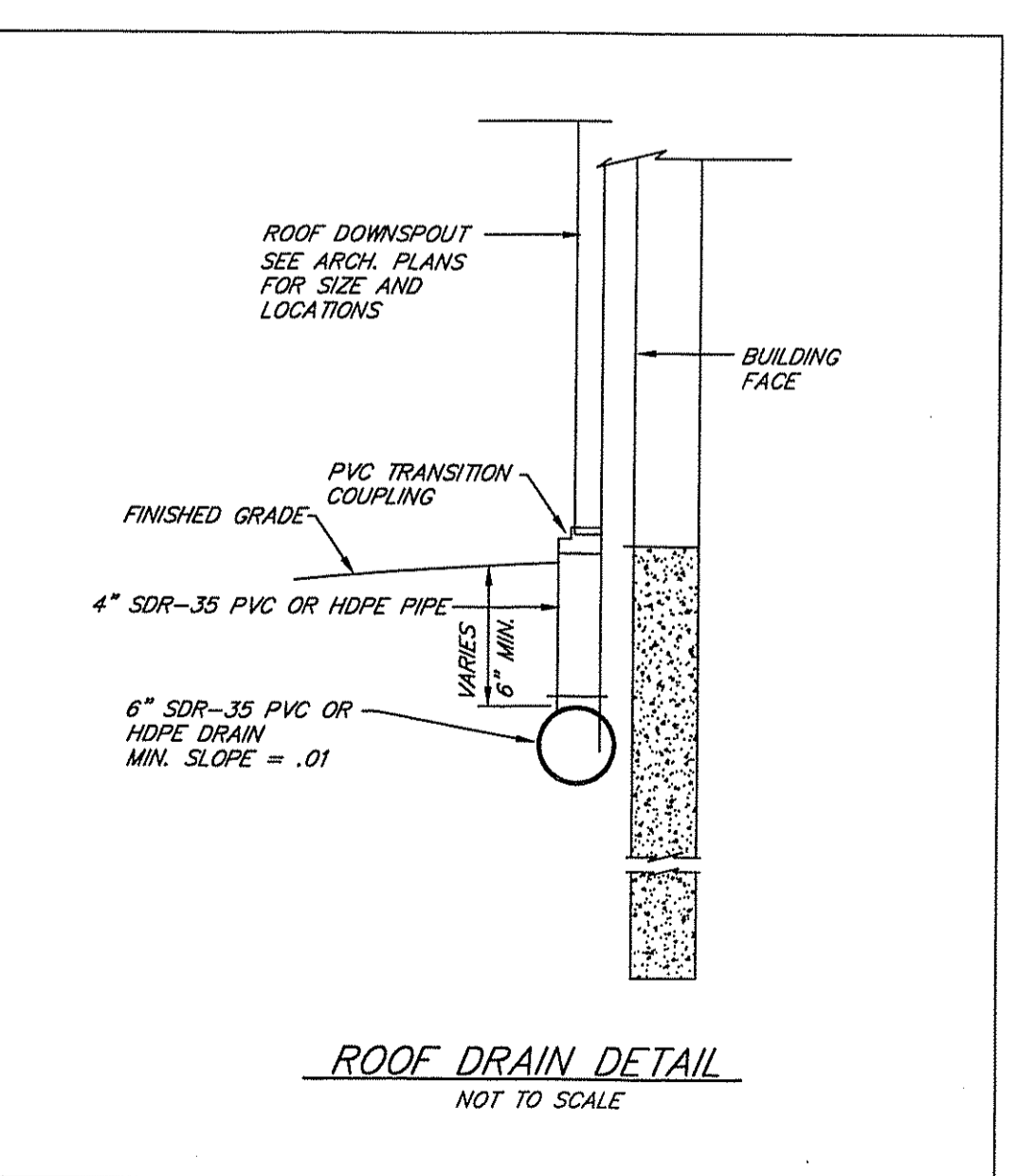
SAND	85 - 88%
SILT	8 - 12%
CLAY	0 - 2%

 ADD ORGANIC MATTER (LEAF COMPOST) TO LOAMY SAND, 3%-5% BY VOLUME.

BIO-RETENTION AREAS

BIO-RETENTION AREA BOTTOM DIMENSION TO BE 8' X 40' AT EL. 255.0 WITH 3:1 SIDE SLOPES	400 S.F.
	250 S.F.
	1,200 S.F.

BIO-RETENTION AREA SHALL BE 400 S.F. MINIMUM BASED ON A MAXIMUM IMPERVIOUS ROOF AREA OF 1,800 S.F.



GENERAL NOTES

- ALL WORK PERFORMED HEREIN SHALL BE COVERED BY THE R.I. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (REVISION OF 12-2010) WITH ALL CORRECTIONS AND ADDENDA AND THE 12-1-2010 R.I. STANDARD DETAILS WITH ALL CORRECTIONS AND ADDENDA.
- EMBANKMENT SLOPES AND ALL DISTURBED AREAS ARE TO RECEIVE 4" OF TOPSOIL AND SEED, SEE EROSION CONTROL PROGRAM.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL TEMPORARY SEDIMENTATION AND EROSION CONTROLS.
- IN ALL EXCAVATION AND REPLACEMENT OF FILL, THE CONTRACTOR SHALL PERFORM THE WORK IN FULL COMPLIANCE WITH THE R.I. STANDARD SPECIFICATION SECTION 202.
- ALL EXCESS SOIL, STUMPS, TREES, ROCKS, BOULDERS AND OTHER REFUSE SHALL BE DISCARDED OFF SITE OUTSIDE OF ALL WETLANDS AND WETLANDS SETBACK AREAS UNLESS OTHERWISE SPECIFIED.
- CONSTRUCTION WASTE SHALL BE COLLECTED, REMOVED AND DISPOSED OF OFFSITE IN ACCORDANCE WITH ALL STATE AND TOWN REQUIREMENTS. TRASH SHALL BE COLLECTED ROUTINELY AND REMOVED FROM SITE FOR DISPOSAL.
- A SOIL AND EROSION CONTROL PERMIT WILL BE REQUIRED FROM THE TOWN OF JOHNSTON. INSPECTIONS SHALL BE SCHEDULED AS REQUIRED.
- ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF ALL R.I. DEM AND TOWN REGULATIONS AND PERMITS.

SEDIMENTATION CONTROL PROGRAM

- EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY SEDIMENTS FROM ENTERING THE WETLANDS OR ADJOINING PROPERTIES.
- BANKS OR SLOPES OVER 5 PERCENT SHALL BE SEED AS SOON AS POSSIBLE AND SHALL BE PROTECTED WITH A HAY, STRAW OR FIBER MULCH.
- DURING CONSTRUCTION, THE CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING STORMS AND PERIODS OF RAINFALL.
- SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED CLOSELY AND MAINTAINED PROMPTLY AFTER EACH RAINFALL.
- CARE SHALL BE TAKEN SO NOT TO PLACE "REMOVED SEDIMENTS" WITHIN THE PATH OF EXISTING, NEWLY CREATED (BOTH TEMPORARY AND PERMANENT) OR PROPOSED WATERCOURSES OR THOSE AREAS SUBJECTED TO STORM WATER FLOW.
- ADDITIONAL STRAW BALES, SILT FENCE OR SILT SOCKS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER.
- REFERENCE THE "R.I. EROSION AND SEDIMENT CONTROL HANDBOOK" PREPARED BY THE R.I. STATE CONSERVATION COMMITTEE, ISSUED 1999 REVISED 2014, AS A GUIDE.

ORDER OF PROCEDURE

- PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OR EXCAVATION, THE SITE CONTRACTOR SHALL PHYSICALLY MARK THE ENTIRE LIMIT OF DISTURBANCE. EROSION CHECKS SHALL BE ESTABLISHED AT ALL DOWN GRADIENT LIMITS OF DISTURBANCE AND AS DEPICTED ON THE SITE PLANS. TEMPORARY EROSION CHECKS SHALL BE INSTALLED AT LIMIT OF WORK ACTIVITY IF CONSTRUCTION IS TO BE DONE IN PHASES. EROSION CHECKS CONSIST OF STRAW BALES, SILT FENCE OR SILT SOCKS.
- SITE CONTRACTOR SHALL PROVIDE A BARRIER AROUND THE BIO-RETENTION AREA TO PROTECT IT FROM SOIL COMPACTION.
- ONLY AREAS THAT CAN BE REASONABLY EXPECTED TO HAVE ACTIVE CONSTRUCTION WORK BEING PERFORMED WITHIN 14 DAYS OF DISTURBANCE SHALL BE CLEARED AND GRUBBED AT ONE TIME. IF CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED FOR MORE THAN 14 DAYS, STABILIZATION PRACTICES SHALL BE INITIATED. REFERENCE THE EROSION CONTROL & SEDIMENTATION PROGRAMS FOR TEMPORARY CONTROLS.
- ALL EROSION AND SEDIMENTATION CONTROL STRUCTURES SHALL BE PERIODICALLY MAINTAINED AS PER THE RESPECTIVE PROGRAMS FOR TEMPORARY CONTROL.
- EROSION CHECKS ALONG AND AT THE ENDS OF ROADWAYS MAY ALSO BE REMOVED AFTER FINAL SOIL STABILIZATION HAS BEEN ACHIEVED AND APPROVED.
- EROSION CHECKS LOCATED AT DRAINAGE INLETS OR OUTLETS MUST REMAIN UNTIL SUCH TIME THAT A DESIRABLE STAND OF GRASS OR GROUND COVER HAS BEEN ESTABLISHED AND THE PROJECT RECEIVES A FAVORABLE APPROVAL FOR FINAL ACCEPTANCE FROM THE ENGINEER.

NOTE

BALED HAY SHALL ONLY BE USED FOR SHORT TERM EROSION CONTROL OF THREE MONTHS OR LESS. PERIMETER EROSION CONTROLS SHALL BE STRAW BALE, SILT FENCE, SILT SOCK OR COMBINATION THEREOF.

EROSION CONTROL & SOIL STABILIZATION PROGRAM

- DENUDED SLOPES SHALL NOT BE UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON.
- ALL DISTURBED SLOPES, EITHER NEWLY CREATED OR EXPOSED PRIOR TO OCTOBER 15, SHALL BE SEED OR PROTECTED BY THAT DATE FOR ANY WORK COMPLETED DURING EACH CONSTRUCTION YEAR.
- THE TOP SOIL 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 WITH R.I. STANDARD SPECIFICATION M. 20.
- THE SEED MIX SHALL BE INOCULATED WITHIN 24 HOURS BEFORE MIXING AND PLANTING, WITH APPROPRIATE INOCULUM FOR EACH VARIETY.
- SEEDING SPECIFICATIONS SHALL BE IN ACCORDANCE WITH THE LANDSCAPE ARCHITECT'S PLANS. FOR AREAS NOT DESIGNATED BY THE L.A., THE DESIGN MIX SHALL COMPLY WITH THE FOLLOWING:

MIXTURE	% BY WT.	SEEDING DATES
CREEPING RED FESCUE	70	APRIL 1-MAY 31
KENTUCKY BLUEGRASS	15	AUG. 15-OCT. 15
COLONIAL BENTGRASS	5	
PERENNIAL RYEGRASS	10	
TOTAL	150 LBS/AC	

OR NEW ENGLAND EROSION CONTROL/RESTORATION MIX (FOR DRY OR WET SITES AS APPROPRIATE) BY NEW ENGLAND WETLAND PLANTS, INC

MIXTURE	% BY WT.	SEEDING DATES
CREEPING RED FESCUE	60	APRIL 1-MAY 31
COLONIAL BENTGRASS	5	AUG. 15-OCT. 15
PERENNIAL RYEGRASS	10	
BIRDSONG TREFLOIL	15	
TOTAL	150 LBS/AC	

OR NEW ENGLAND CONSERVATION/WILDLIFE MIX BY NEW ENGLAND WETLAND PLANTS, INC

CONSERVATION SEEDING AREAS

MIXTURE	% BY WT.	SEEDING DATES
SWITCH GRASS	20	APRIL 1-MAY 31
LITTLE BLUE STEM	20	AUG. 15-OCT. 15
PERENNIAL RYEGRASS	20	
WILDFLOWER MIX	20	
HARD FESCUE	20	
TOTAL	60 LBS/AC	

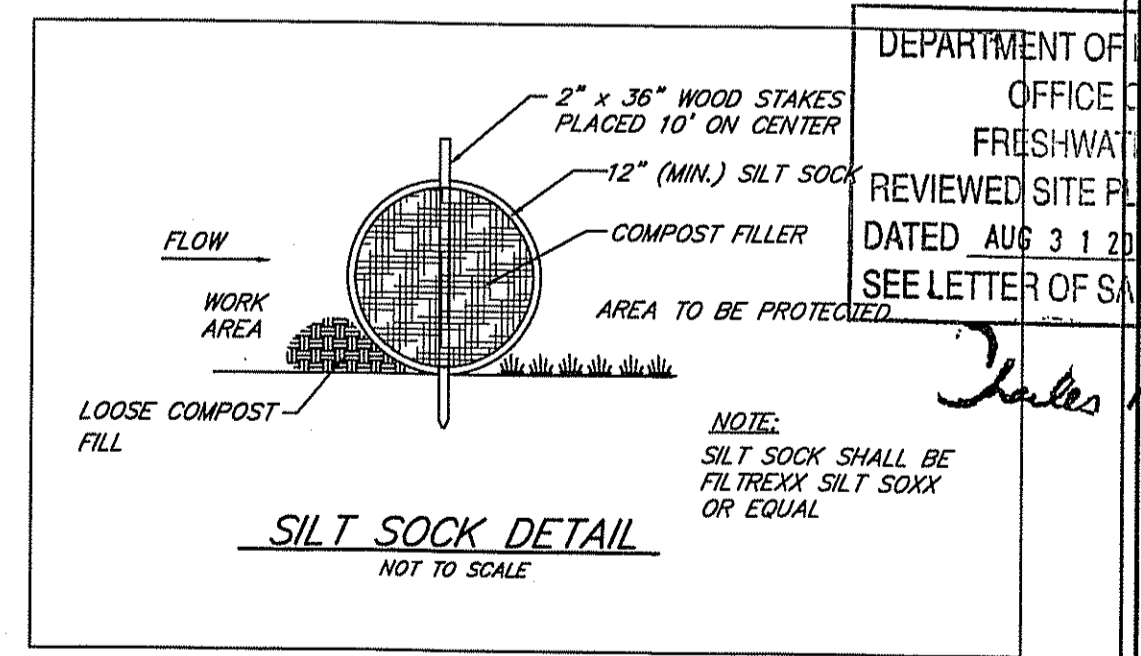
OR NEW ENGLAND CONSERVATION/WILDLIFE MIX BY NEW ENGLAND WETLAND PLANTS, INC

- TEMPORARY TREATMENTS SHALL CONSIST OF A HAY, STRAW, OR FIBER MULCH OR PROTECTIVE COVERS SUCH AS A MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING, EXCELSIOR BLANKETS) THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED OR AS ORDERED BY THE ENGINEER.
- HAY OR STRAW APPLICATIONS SHOULD BE IN THE AMOUNT OF 3,000-4,000 LBS/AC.
- ALL STRAW BALES OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED. IF NEEDED, TEMPORARY SEEDING CAN HELP TO MINIMIZE EROSION. A TEMPORARY SEEDING GUIDE MUST BE INCLUDED AS A REFERENCE. THE FOLLOWING SPECIES ARE RECOMMENDED:

SPECIES	LBS./1,000 S.F.	LBS./AC.	SEEDING DATES
ANNUAL RYEGRASS	1.0 - 1.5	40 - 60	3/1 - 6/1
PERENNIAL RYEGRASS	1.0 - 1.5	40 - 60	3/1 - 6/1
SUDAN GRASS	0.7 - 1.0	30 - 40	5/15 - 8/15
MILLET	0.7 - 1.0	30 - 40	5/15 - 6/15
WINTER RYE	3.0	120	4/15 - 6/15

OR RIDOT TEMPORARY SEED MIX AT 75 LBS/AC

- THE CONTRACTOR MUST REPAIR AND/OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE YEAR AND HE SHALL DO SO AT NO ADDITIONAL EXPENSE.
- STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE ACHIEVED WITHIN 15 DAYS OF FINAL GRADING.
- STOCKPILES OF TOPSOILS SHALL NOT BE LOCATED NEAR WATERWAYS. THEY SHALL HAVE SIDE SLOPES NO GREATER THAN 50% AND STOCKPILES SHALL ALSO BE SEED AND/OR STABILIZED.
- ON BOTH STEEP AND LONG SLOPES, CONSIDERATION SHOULD BE GIVEN TO "CRIMPING" OR "TRACKING" TO TACK DOWN MULCH APPLICATIONS.
- REFERENCE THE SEDIMENTATION CONTROL PROGRAM AND ORDER OF PROCEDURE FOR PROPER COORDINATION.



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REGISTERED PROFESSIONAL ENGINEER
S.F.M. ENGINEERING ASSOCIATES
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COVENTRY, R.I. 02816
(401)826-3736

DRAINAGE & GRADING DESIGNER/ENGINEER

DATE	REVISION

CHK. BY: SFM JOB NO. SFM616

SCITUATE SURVEYS, INC.
410 TIOGUE AVENUE
COVENTRY, RHODE ISLAND 02816
401-821-8101
LAND SURVEYING/MAPPING/SITE PLANNING

ANGELLO M. RAIMONDI
1762
PROFESSIONAL LAND SURVEYOR

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO. 17-0073
DATED AUG 31 2017
SEE LETTER OF SAME DATE.

PLAN SHOWING PROPOSED SUBDIVISION BELFIELD ACRES BELFIELD DRIVE JOHNSTON, RHODE ISLAND ASSESSOR'S PLAT 54 LOT 27

PREPARED FOR: DAVID DEFINA

DATE: MARCH 28, 2017 REVISION: JUNE 21, 2017

SCALE: AS NOTED SHEET 3 OF 3