

LOCUS MAP
NOT TO SCALE

ZONING RR-80
(GROUND WATER OVERLAY PROTECTION DISTRICT)

MINIMUMS:
AREA 80,000 S.F.
FRONTAGE 200'
SETBACKS:
FRONT 50'
SIDE 50'
REAR 50'

SUPPLEMENTAL SOIL EROSION AND SEDIMENTATION CONTROL PROGRAM
IN ACCORDANCE WITH TOWN OF SOUTH KINGSTOWN SERSC ORDINANCE

1. DISTURBANCE OF SOIL SURFACES IS REGULATED BY STATE LAW. ALL WORKS SHALL COMPLY WITH CURRENT CONSTRUCTION STANDARDS & SPECIFICATIONS OF THE TOWN OF SOUTH KINGSTOWN AND THE RHODE ISLAND SOIL EROSION & SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
2. THE SOIL EROSION CONTROL MEASURES SHOWN AND DETAILED HEREIN SHOULD BE CONSIDERED THE MINIMUM ACCEPTABLE STANDARDS FOR THE PROJECT. THE INITIAL METHOD OUTLINED IS INTENDED TO ROUTE ALL PRACTICABLE SURFACE WATER FROM THE EXCAVATION AREAS INTO EROSION CONTROL FACILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CLEAN ROADS, ALLAY DUST AND INSTALL ANY ADDITIONAL PROTECTIVE MEASURES NECESSARY TO CONTROL RUNOFF FROM THE SITE DURING CONSTRUCTION ACTIVITIES AND ENSURE THAT THE PROJECT SITE AND ALL ADJACENT PROPERTIES ARE MAINTAINED IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.
3. PRIOR TO COMMENCEMENT OF SITE DEMOLITION, PREPARATION OR EARTHWORK THE CONTRACTOR SHALL PREPARE AND IMPLEMENT A STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE SWPPP MUST BE STAMPED AND SIGNED BY EITHER A REGISTERED PROFESSIONAL ENGINEER, A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC) OR A CERTIFIED PROFESSIONAL IN STORMWATER QUALITY (CPSWQ). SWPPPS THAT REQUIRE THE PRACTICES OF ENGINEERING MUST BE STAMPED BY A REGISTERED PROFESSIONAL ENGINEER.
4. THE LIMIT OF WORK SHALL BE STAKED OUT IN THE FIELD TO ENSURE THAT ALL WORK WILL OCCUR WITHIN THE APPROVED LIMITS OF DISTURBANCE.
5. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES ON SITE, A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD ON SITE TO ESTABLISH SUPERVISORY AND INSPECTION PROCEDURES FOR SEDIMENT AND EROSION CONTROL MEASURES. THE MEETING SHALL BE ATTENDED BY THE CONTRACTOR, APPLICANT/OWNER, ARCHITECT/ENGINEER AND THE LOCAL SOIL & EROSION CONTROL PROFESSIONAL.
6. THE EROSION CONTROL MEASURES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL & MAINTAIN EROSION CONTROL DEVICES FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION.
7. THE EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY RAINSTORM TO ENSURE THEY ARE FUNCTIONING PROPERLY, REPAIR ANY DAMAGED AREAS IMMEDIATELY AND REMOVE ALL CAPTURED SEDIMENT AS REQUIRED. A "WALK THROUGH" INSPECTION OF THE CONSTRUCTION SITE SHOULD BE COMPLETED BEFORE ANTICIPATED RAINFALL EVENTS.
8. ADDITIONAL EROSION CONTROL MEASURES SHALL BE PLACED AS DIRECTED BY THE ARCHITECT/ENGINEER OR THE LOCAL SOIL & EROSION CONTROL PROFESSIONAL.
9. DEWATERING OF ALL EXCAVATIONS SHALL BE PUMPED THROUGH DEWATERING BAGS AND DISCHARGED INTO A TEMPORARY SILTATION BASIN WITHIN THE APPROVED PROJECT LIMIT OF DISTURBANCE.
10. AT NO TIME SHALL SILT LADEN WATER BE ALLOWED TO ENTER ENVIRONMENTALLY SENSITIVE AREAS. EXISTING OR NEW DRAINAGE SYSTEMS RUNOFF FROM DISTURBED AREAS SHALL BE DIRECTED THROUGH A TEMPORARY SILTATION BASIN & EROSION CONTROL MEASURES PRIOR TO ENTERING ANY ENVIRONMENTALLY SENSITIVE AREA OR DRAINAGE SYSTEM.
11. CONTRACTOR SHALL REDUCE SURFACE AND AIR MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES CAUSED BY CONSTRUCTION ACTIVITIES. CONSTRUCTION ACTIVITIES SHALL BE SO SCHEDULED SO THAT THE LEAST AREA OF DISTURBED SOIL IS EXPOSED AT ONE TIME. IN DISTURBED AREAS NOT SUBJECT TO TRAFFIC, CONTRACTOR SHALL USE TEMPORARY SEEDING AND MULCHING OPERATIONS. IN DISTURBED AREAS SUBJECT TO TRAFFIC, CONTRACTOR SHALL SPRINKLE SURFACE WITH WATER TO MINIMIZE DUST. DUST CONTROL MEASURES SHALL BE MAINTAINED THROUGH DRY WEATHER PERIODS UNTIL ALL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.
12. ALL DISTURBED AREAS NOT COVERED BY BUILDING, PAVEMENT OR OTHER GROUND COVER SHALL BE PLANTED WITH GRASS ON 4" THICKNESS OF TOPSOIL. IF SEEDING CANNOT BE COMPLETED IMMEDIATELY, DISTURBED AREAS SHALL BE STABILIZED WITH A SPREAD HAY MULCH APPROPRIATELY ANCHORED OR EROSION CONTROL BLANKET.
13. SURFACE STABILIZATION MUST BE IMPLEMENTED WITH 14 DAYS AFTER CONSTRUCTION ACTIVITY IN A PORTION OF THE SITE HAS CEASED OR BEEN TEMPORARILY HALTED.
14. INSTALL REINFORCED SILT BARRIER AROUND STOCKPILE AREAS, TRUCK WASH DOWN AREAS AND VEHICLE REFUELING AREAS.
15. TRUCK WASH DOWN AREA SHALL BE A MINIMUM 20'x20' AREA SURROUNDED BY A STONE REINFORCED SILT BARRIER. ACCUMULATED SOIL, SEDIMENT OR CONCRETE SHALL BE EITHER RECYCLED ON SITE OR DISPOSED OF AT AN OFF-SITE LOCATION.
16. CONSTRUCTION VEHICLE REFUELING AREA SHALL BE A MINIMUM 20'x20' AREA SURROUNDED BY A STONE REINFORCED SILT BARRIER. THE DEPTH SHALL BE DETERMINED IN THE FIELD. AREA SHALL BE SCRAPED AND REDRESSED MONTHLY. SCRAPED MATERIAL SHALL BE REMOVED AND DISPOSED OF AT AN APPROVED OFF-SITE LOCATION.
17. AS SOON AS DRIVEWAY/PARKING SURFACE TREATMENT IS COMPLETED, ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF ANY ACCUMULATED SEDIMENT AND DEBRIS. THEREAFTER, CLEAN UP SHOULD FOLLOW LONG TERM MAINTENANCE PLAN.
18. REMOVE CONSTRUCTION FENCE, SILT BARRIER AND EROSION CONTROL MEASURES ONLY AFTER ESTABLISHMENT OF PERMANENT VEGETATION.

LEGEND & ABBREVIATIONS

(TYP.)	TYPICAL
---	EXISTING UTILITY POLE
---	EXISTING EDGE OF PAVEMENT
---	EXISTING SPOT GRADE
---	GROUND WATER TEST
---	EXISTING CONTOURS
---	EDGE OF RIVER
---	FLAGGED WETLAND EDGE
---	EXISTING TREE / VEGETATION LINE
---	WIRE FENCE
---	SOIL PITS
---	PERCOLATION TEST
---	PROPOSED GRADE
---	PROPERTY BOUNDARY LINE
---	PROPOSED CONTOURS
---	LIMITS OF RIVERBANK AND/OR PERIMETER WETLAND
---	DIRECTION OF FLOW
---	LIMITS OF 100-YEAR FLOOD PLAN (VARIOUS ELEVATIONS SEE NOTES)

GWT "9602"
7'0" DESIGN DEPTH BY
RIDEM, REF. SD19632-000
PERC RATE VARIES 3.7 -
5.7 mm/INCH, 0-12" LN,
12"-42" SL, 42"-9'6" FS, MS,
ZLS, I, GE

EXISTING WELL TO
BE PROTECTED WITH
LANDSCAPE TIES OR
BULBS. RAISE GRADE
WELL TO 12" MIN. ABOVE
DRIVEWAY SURFACE, EL. 125.02

PROPOSED GRAVEL
OR CRUSHED STONE
DRIVEWAY, GRADE
TO DRAIN TOWARDS
RAINGARDEN

PROPOSED 50'x50'
GARAGE/BARN -
T.F.M.D. VARIES (125.0 -
129.5), SLAB EL. 124.5

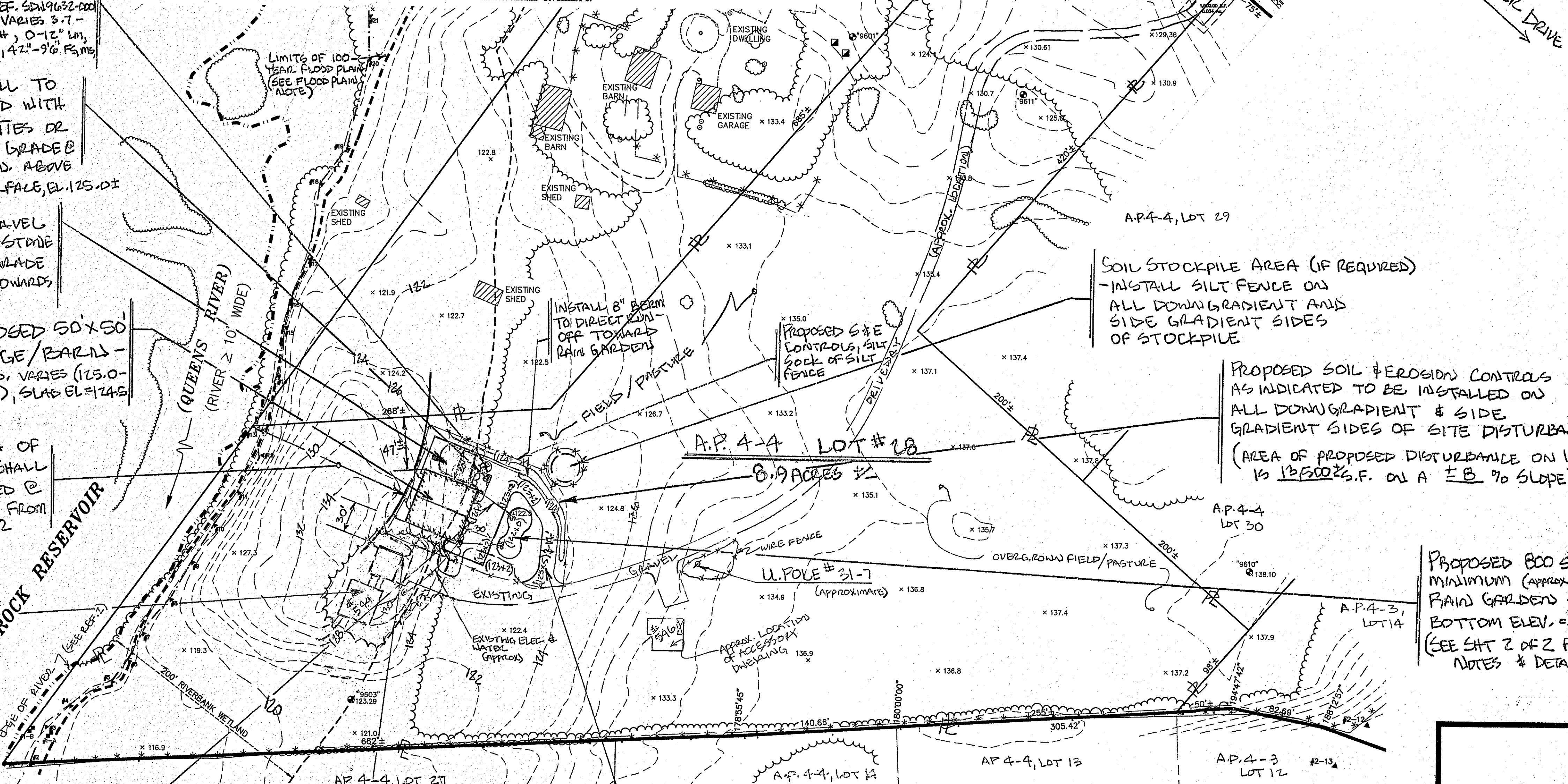
DISTURBED AREA OF
DISTURBANCE SHALL
BE MAINTAINED @
150' MINIMUM FROM
EDGE OF RIVER

EXISTING
DWELLING
(SEE NOTE 1)

GLEN ROCK RESERVOIR

PROPOSED 4" Ø
SCH. 40 PVC
GUTTER DRAIN
0.02% SLOPE -
INVERT @ RIP RAP
SPURF PAD = 122.1
(TYPICAL)

THE ABOVE INDICATED SUPPLEMENTAL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN ADDITION TO AND WHERE APPLICABLE SHALL SUPERCEDE THOSE LISTED ON SHEET 2.



LIMITS OF 100-YEAR FLOOD PLAN (SEE FLOOD PLAN NOTES)

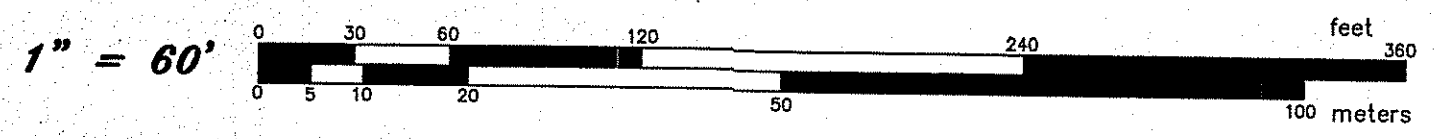
INSTALL 8" BEEM TO DIRECT RUN-OFF TOWARDS RAIN GARDEN

SOIL STOCKPILE AREA (IF REQUIRED)
-INSTALL SILT FENCE ON ALL DOWNGRADIENT AND SIDE GRADIENT SIDES OF STOCKPILE

PROPOSED SOIL & EROSION CONTROLS AS INDICATED TO BE INSTALLED ON ALL DOWNGRADIENT & SIDE GRADIENT SIDES OF SITE DISTURBANCE. (AREA OF PROPOSED DISTURBANCE ON LOT 15 IS 18,500 S.F. ON A ± 8% SLOPE)

PROPOSED GRAVEL DRIVEWAY/CONSTRUCTION ACCESS TO BE PROVIDED IN ACCORDANCE WITH TOWN TSK STANDARD D9.9 (IF REQUIRED BY TOWN)

BENCHMARK
NORTHEAST COR. @
GARAGE FLOOR OF
DWELLING #244
ELEV. = 130.43



NOTES:

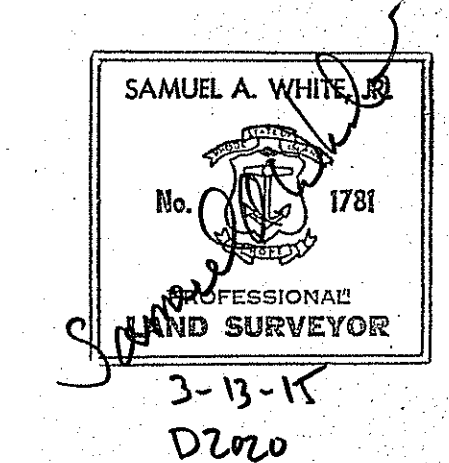
1. PROPERTY BOUNDARIES, TOPOGRAPHY, WETLAND LIMITS AND SETBACKS, ETC. TAKEN FROM PLANS LISTED AS REFERENCES 2, 3 AND 4. DRIVEWAY, EXISTING DWELLINGS AND TOPOGRAPHY IN VICINITY OF DWELLINGS TAKEN FROM THE TOWN OF SOUTH KINGSTOWN GIS MAPPING AND IS CONSIDERED TO BE 90% ACCURATE. THE NORTHERLY CORNERS OF THE GARAGE ARE CORRECT AS THEY WERE LOCATED BY ACCURATE SURVEY METHODS.
2. THE SUBJECT BUILDING AND ASSOCIATED SITE ALTERATIONS ARE LOCATED OUTSIDE OF ALL AREAS DESIGNATED AS 100-YEAR FLOOD AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP FOR THE TOWN OF SOUTH KINGSTOWN, COMMUNITY PANEL NO. 0090E, MAP NO. 44009C0090E, DATED OCTOBER 19, 2010.

REFERENCES:

1. PREVIOUS FRESHWATER WETLANDS "INSIGNIFICANT ALTERATION PERMIT" APPLICATION NO. 90-0126, DATED MAY 9, 1996 FOR THE SUBJECT PARCEL AND THE ASSOCIATED "WHITFORD RIVER FARM" DEVELOPMENT.
2. PLANS ENTITLED, "RIDEM SUBMISSION, DIVISION OF FRESHWATER WETLANDS & ISDS REQUEST FOR PRELIMINARY DETERMINATION FOR A.P. 4-4, LOT 16, DUGWAY BRIDGE ROAD, SOUTH KINGSTOWN, RHODE ISLAND, PREPARED FOR ROWLAND DYER JR. AND SUSAN ANDERSON, DATED FEBRUARY 23, 1996", 3 SHEETS, PREPARED BY GAROFALO AND ASSOCIATES, INC.
3. PRELIMINARY PLAN OF PROPOSED SUBDIVISION OF A.P. 4-4, LOT 16 TO BE KNOWN AS "WHITFORD RIVER FARM", DUGWAY BRIDGE ROAD, SOUTH KINGSTOWN, RHODE ISLAND, PREPARED FOR ROWLAND DYER JR. AND SUSAN ANDERSON, SCALE 1"= 60', DATED FEBRUARY 23, 1996, JOB NO. 5019, DWG NO. 5019-C2, PREPARED BY GAROFALO AND ASSOCIATES, INC.
4. MINOR SUBDIVISION PLAN OF A.P. 4-4, LOT 16 TO BE KNOWN AS "WHITFORD RIVER FARM", DUGWAY BRIDGE ROAD, SOUTH KINGSTOWN, RHODE ISLAND, PREPARED FOR ROWLAND DYER JR. AND SUSAN ANDERSON, SCALE 1"= 40', DATED MAY 6, 1996, JOB NO. 5019, DWG NO. 5019-S5, 2 SHEETS, PREPARED BY GAROFALO AND ASSOCIATES, INC.

FLOODPLAIN NOTE:

A PORTION OF THE LANDS LYING ADJACENT TO THE PROPERTY WHICH IS THE SUBJECT OF THE IMPROVEMENTS PROPOSED ON THIS PLAN LIES WITHIN "ZONE A - AREAS OF 100-YEAR FLOOD, BASE FLOOD ELEVATIONS AND FLOOD FACTORS NOT DETERMINED" AS IDENTIFIED ON MAPS ISSUED BY THE NATIONAL FLOOD INSURANCE PROGRAM OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), FOR THE TOWN OF SOUTH KINGSTOWN, REFERENCE NOTE 2 ABOVE. HOWEVER, THE LIMITS OF THE 100-YEAR FLOOD ASSOCIATED WITH THE GLEN ROCK RESERVOIR (QUEENS RIVER) IN AREAS PROXIMATE TO THE PROJECT SITE HAVE BEEN PREVIOUSLY DETERMINED THROUGH AN ANALYSIS PERFORMED BY A REGISTERED PROFESSIONAL ENGINEER. THE LIMITS OF THE 100-YEAR FLOOD PLAN ON THE PROJECT SITE HAS BEEN IDENTIFIED WITH ELEVATIONS VARYING FROM 115.0 (NGVD) IN THE SOUTHERN PORTION OF WHITFORD RIVER FARM TO 118.5 (NGVD) IN THE NORTHERN PORTION. REFERENCES: THE "GLEN ROCK RESERVOIR FLOOD PLAN INVESTIGATION" PREPARED BY GAROFALO AND ASSOCIATES, INC., DATED JANUARY 22, 1996.



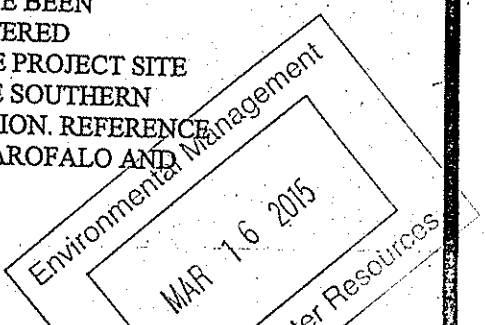
PLAN OF PROPOSED SITE ALTERATIONS
FOR
ASSESSOR'S MAP 4-4, LOT 28
544 DUGWAY BRIDGE ROAD
SOUTH KINGSTOWN, RHODE ISLAND

PREPARED FOR JAD ANDERSON et al, 544 DUGWAY BRIDGE ROAD, WEST KINGSTOWN, RI 02882

SCALE 1"= 60'

PREPARED BY:
NORTH KINGSTOWN LAND SURVEY

MARCH 13, 2015



EROSION CONTROL and SOIL STABILIZATION PROGRAM:

1. DENUDED SLOPES SHALL NOT BE LEFT EXPOSED FOR EXCESSIVE PERIODS OF TIME.
2. ALL DISTURBED SLOPES EITHER NEWLY CREATED OR EXPOSED PRIOR TO OCTOBER 15, SHALL BE SEEDED OR PROTECTED BY THAT DATE FOR ANY WORK COMPLETED DURING EACH CONSTRUCTION YEAR.
3. 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.
4. HAY OR STRAW APPLICATIONS SHOULD BE IN THE AMOUNT OF 2000 LBS/ACRE.
5. ALL HAYBALES OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.
6. THE TOPSOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS.
7. THE SEED MIX SHALL BE INOCULATED WITHIN TWENTY FOUR (24) HOURS, BEFORE MIXING AND PLANTING, WITH APPROPRIATE INOCULUM FOR EACH VARIETY.
8. THE DESIGN MIX FOR TEMPORARY EROSION CONTROL AND SOIL STABILIZATION SHALL BE COMPRISED OF THE FOLLOWING:

TYPE	% BY WEIGHT
CREeping RED FESCUE	70
ASTORIA BENTGRASS	5
BIRDSFOOT TREFFOIL	15
PERENNIAL RYEGRASS	10

APPLICATION RATE 100 LBS/ACRE

LIMING AND FERTILIZING AS REQUIRED TO COMPLIMENT OR UPGRADE EXISTING CONDITIONS.

9. THE CONTRACTOR MUST REPAIR AND/OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE (1) YEAR, AND HE SHALL DO SO AT NO ADDITIONAL EXPENSE.
10. THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE APRIL 1ST THROUGH OCTOBER 15TH.
11. STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE ACHIEVED WITHIN FIFTEEN (15) DAYS OF FINAL GRADING.
12. STOCKPILES OF TOPSOIL SHALL NOT BE LOCATED NEAR WATERWAYS OR FLOOD PLAINS. THEY SHALL HAVE SIDE SLOPES NO GREATER THAN THIRTY PERCENT (30%) AND STOCKPILES SHALL ALSO BE SEEDED AND/OR STABILIZED AND COMPLETELY ENCLOSED WITH A CONTINUOUS LINE OF STAKED HAYBALES AND/OR SILTFENCE. (SEE DETAIL)
13. ON BOTH STEEP AND LONG SLOPES, CONSIDERATION SHOULD BE GIVEN TO "CRIMPING" OR "TRACKING" TO TACK DOWN MULCH APPLICATIONS.

SEDIMENTATION CONTROL PROGRAM:

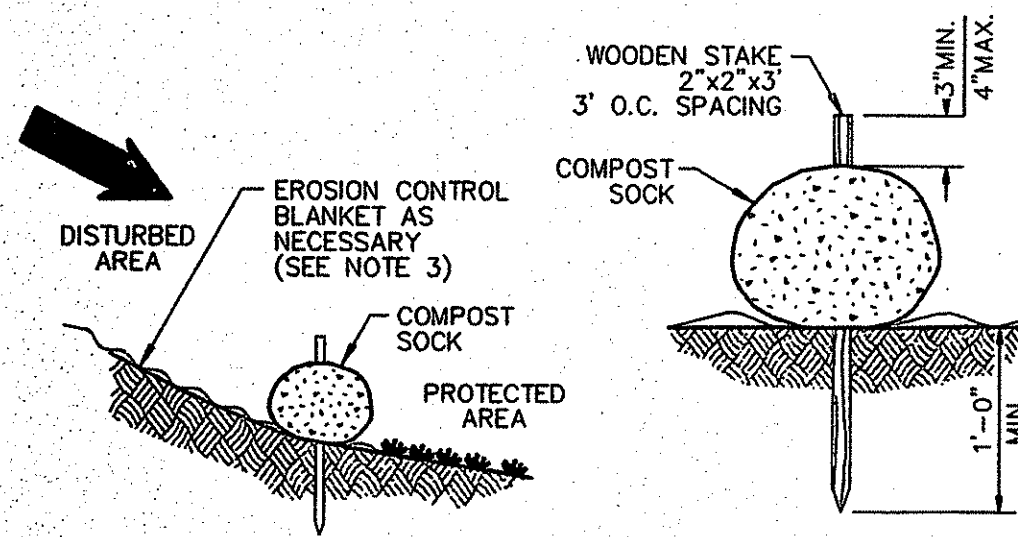
1. EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY SEDIMENTS FROM ENTERING THE STATE HIGHWAY OR ADJOINING PROPERTIES.
2. BANKS OR SLOPES OVER 5% SHALL BE SEEDED AS SOON AS POSSIBLE AND SHALL BE PROTECTED WITH A HAY, STRAW OR FIBER MULCH, ALL SLOPES @ 2:1 OR STEEPER MUST BE PROPERLY STABILIZED w/JUTE MESH.
3. DURING CONSTRUCTION, THE CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING STORMS AND PERIODS OF RAINFALL.
4. SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED CLOSELY AND MAINTAINED PROMPTLY AFTER EACH RAINFALL.
5. CARE SHALL BE TAKEN SO AS 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.
6. ADDITIONAL HAYBALES, SILT FENCE OR SANDBAGS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER.

LONG TERM MAINTENANCE PROGRAM:

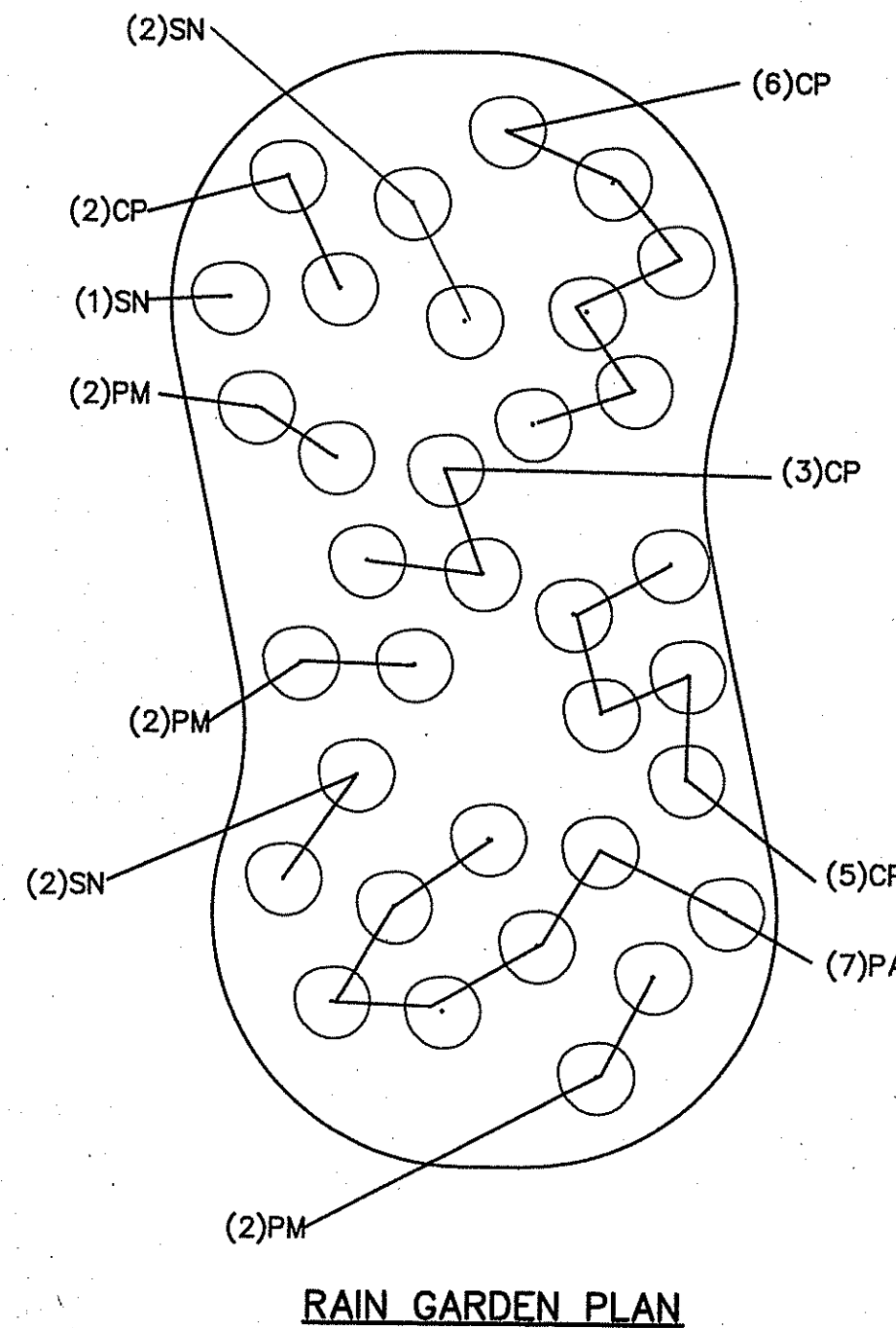
1. RAIN GARDENS SHALL BE INSPECTED FOLLOWING AT LEAST THE FIRST TWO PRECIPITATION EVENTS OF AT LEAST 1.0 INCH TO ENSURE THAT THE SYSTEM IS FUNCTIONING PROPERLY. THEREAFTER, THE RAIN GARDEN SHALL BE MONITORED AND MAINTAINED TO ASSURE PROPER FUNCTIONING, PLANT GROWTH AND SURVIVAL. PLANTS SHALL BE REPLACED ON AN AS-NEEDED BASIS DURING THE GROWING SEASON.
2. SILT/SEDIMENT SHALL BE REMOVED FROM THE RAIN GARDEN WHEN THE ACCUMULATION EXCEEDS ONE INCH, OR WHEN WATER PONDS ON THE SURFACE OF THE RAIN GARDEN FOR MORE THAN 48 HOURS. THE TOP FEW INCHES OF MATERIAL SHALL BE REMOVED AND SHALL BE REPLACED WITH FRESH SOIL MIXTURE AND MULCH.
3. PRUNING OR REPLACEMENT OF WOODY VEGETATION SHALL OCCUR WHEN DEAD OR DYING VEGETATION IS OBSERVED.
4. SOIL EROSION GULLIES SHALL BE REPAIRED WHEN THEY OCCUR.
5. FERTILIZER OR PESTICIDES SHALL NOT BE APPLIED TO PLANTS WITHIN RAIN GARDENS.
6. PERENNIAL PLANTS AND GROUND COVERS SHALL BE REPLACED AS NECESSARY TO MAINTAIN AN ADEQUATE VEGETATED GROUND COVER. ANNUAL PLANTS MAY ALSO BE USED TO MAINTAIN GROUND COVER.

NOTES:

1. COMPOST SOCK SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS. COMPOST SOCK SHALL BE A MINIMUM OF 8" IN DIAMETER.
2. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.
3. WHEN PLACING COMPOST SOCK ON SLOPES, USE EROSION CONTROL BLANKET IF SPECIFIED ON PLANS.
4. ALWAYS INSTALL COMPOST SOCK PERPENDICULAR TO SLOPE AND ALONG CONTOUR LINES.
5. REMOVE SEDIMENT FROM THE UP SLOPE SIDE OF THE COMPOST SOCK WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE COMPOST SOCK.



COMPOST SILT SOCK DETAIL
NOT TO SCALE



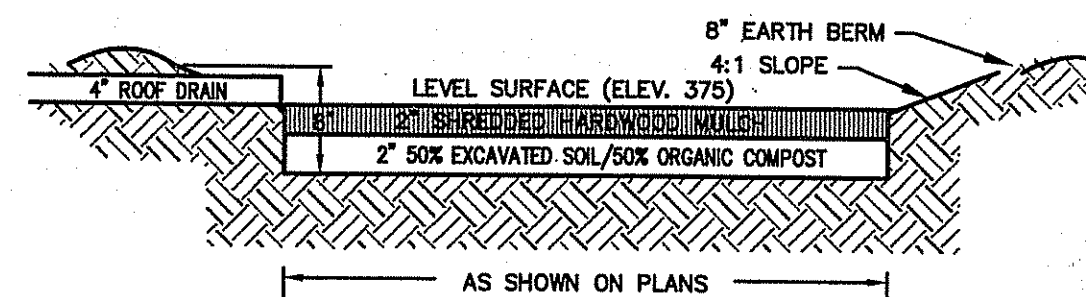
RAIN GARDEN PLAN

NOTES:

1. RAIN GARDEN AMENDED SOIL SHALL CONTAIN 50% EXCAVATED SOIL AND 50% ORGANIC COMPOST.
2. EACH RAIN GARDEN SHALL HAVE A BOTTOM AREA AS SHOWN ON THE PLAN.
3. RAIN GARDEN PLANT LIST:

KEY QTY	BOTANICAL NAME	COMMON NAME	SIZE
CP 16	COMPTONIA PEREGRINA	(SWEET FERN)	#5
PA 7	PANICUM AMARUM 'DEWEY BLUE'	(SWITCH GRASS)	#3
PM 6	PHOTINIA MELANOCARPA	(BLACK CHOKEBERRY)	#3
SN 5	SYMPHYOTRICHUM NOVAE-ANGLIAE	(NEW ENGLAND ASTER)	#1

4. CONTRACTOR IS TO TAKE PRECAUTION NOT TO COMPACT SOIL WITHIN RAIN GARDENS. IF SOIL BECOMES COMPACTED, IT SHALL BE TILLED AND AMENDED TO MAINTAIN PROPER DRAINAGE.



SECTION

"RAIN GARDEN SIZING"

Per DEM Rule 7.12 use 8 s.f. per 100 s.f. of impervious area for an 8" deep rain garden in sandy soils.

Impervious Area Calculation

Building footprint = 2500 s.f.
14' Driveway w/ parking areas = 7400 s.f.

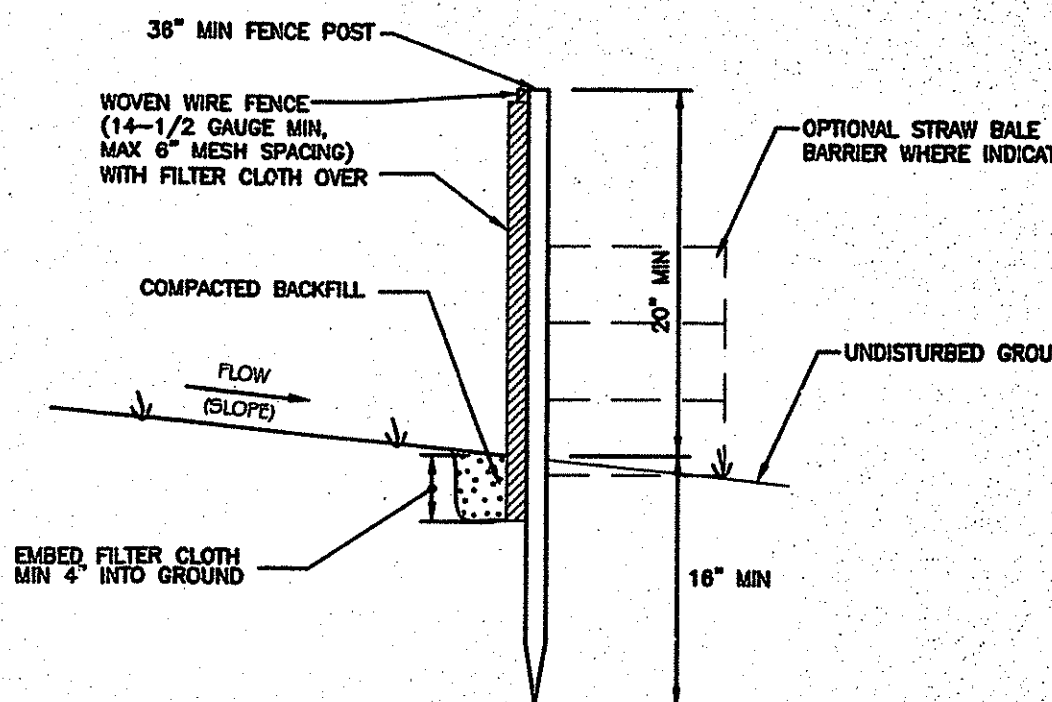
Total impervious area = 9900 s.f.

Therefore 9900 s.f. / 8 s.f. per 100 s.f. = 792 s. f. required

A 20' x 40' or 800 s.f. Rain Garden has been provided

RAIN GARDEN DETAILS

NOT TO SCALE



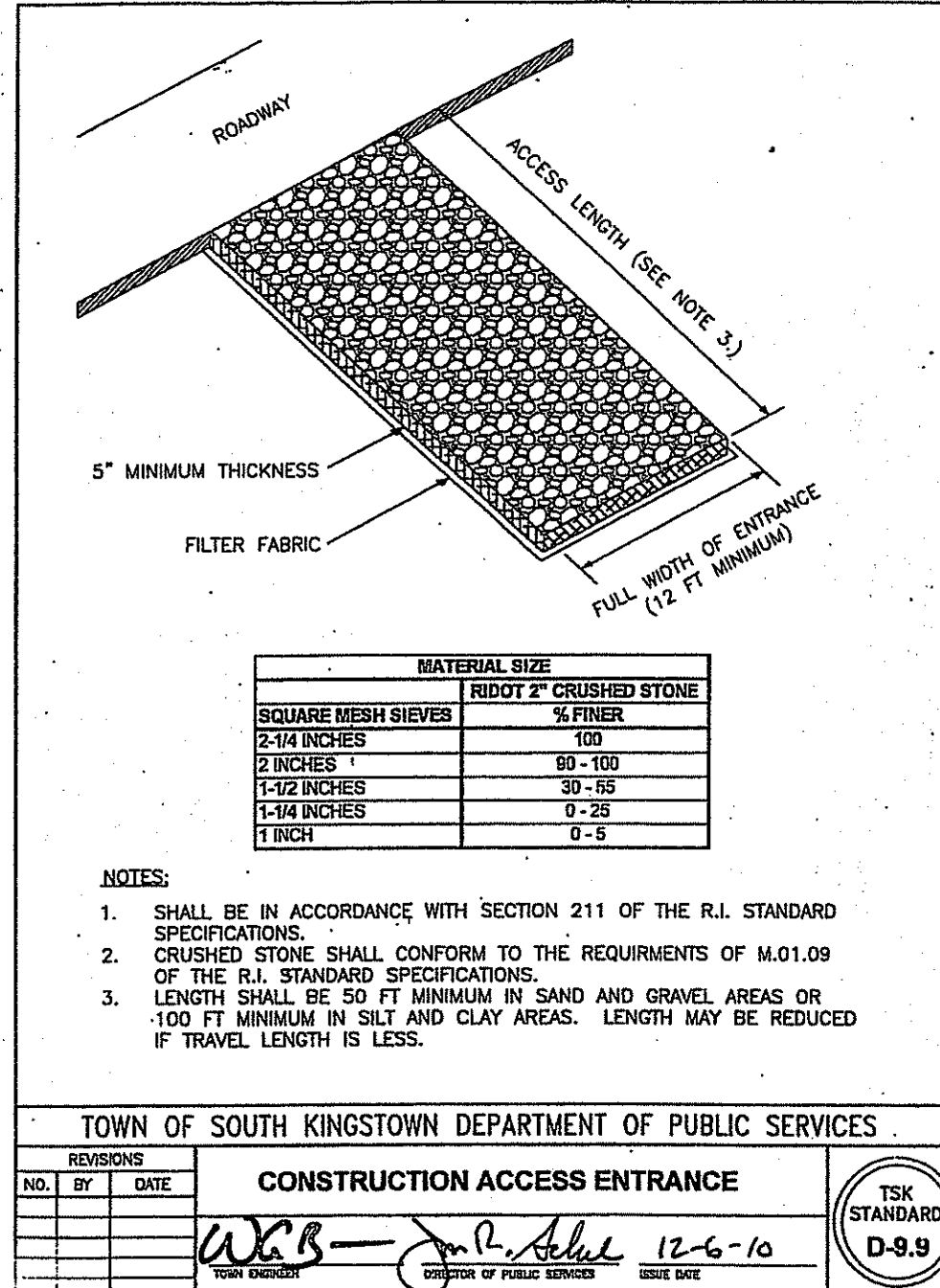
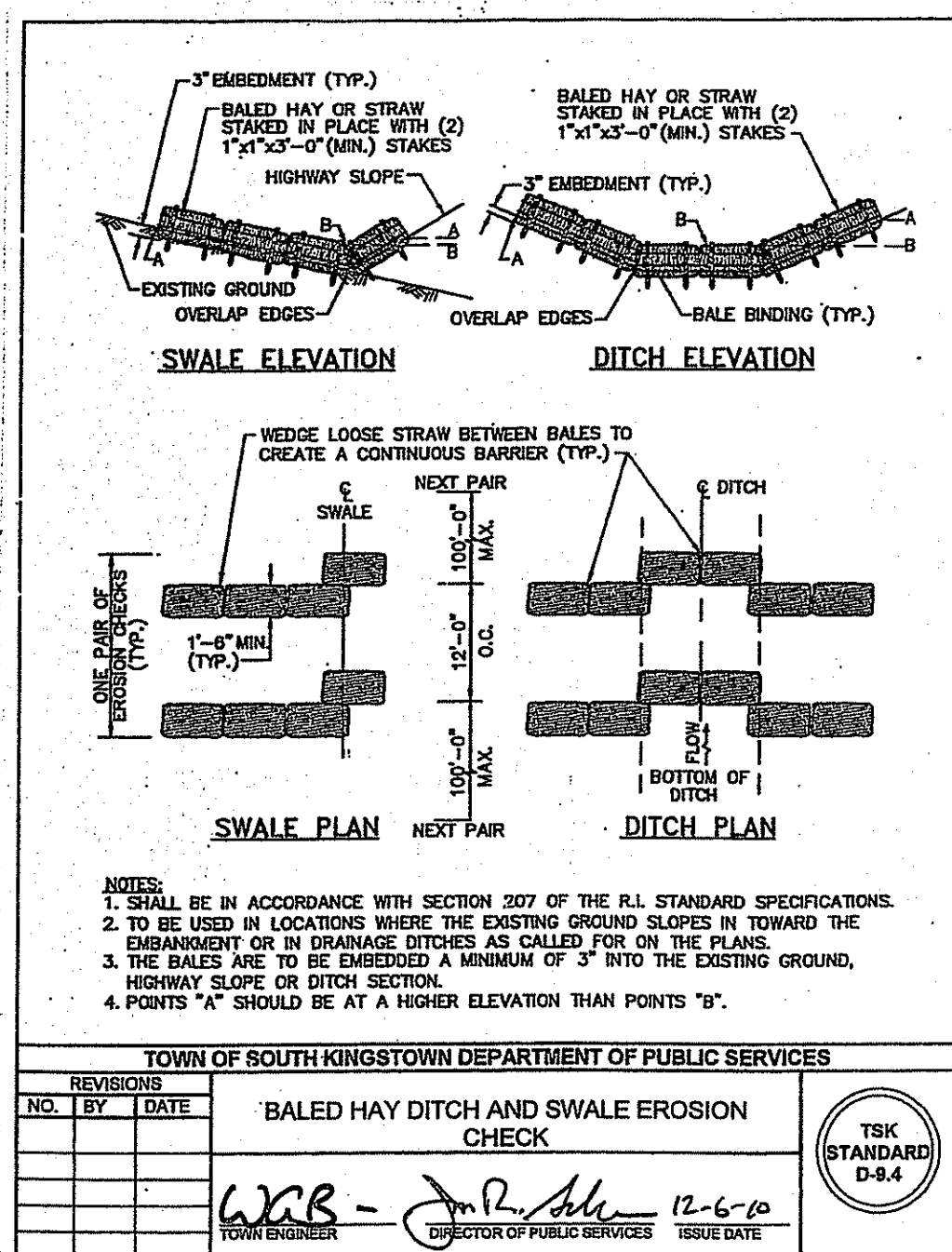
SECTION

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE OR DEPTH OF ACCUMULATED SEDIMENT REACHES 6".

SILT FENCE DETAIL

NOT TO SCALE



MATERIAL SIZE	
SQUARE MESH SIEVES	% FINER
2-3/4 INCHES	100
2 INCHES	60-100
1-1/2 INCHES	30-50
1-1/4 INCHES	0-25
1 INCH	0-5

- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE R.I. STANDARD SPECIFICATIONS.
 2. CRUSHED STONE SHALL CONFORM TO THE REQUIREMENTS OF M.01.09 OF THE R.I. STANDARD SPECIFICATIONS.
 3. LENGTH SHALL BE 50 FT MINIMUM IN SAND AND GRAVEL AREAS OR 100 FT MINIMUM IN SILT AND CLAY AREAS. LENGTH MAY BE REDUCED IF TRAVEL LENGTH IS LESS.

TOWN OF SOUTH KINGSTOWN DEPARTMENT OF PUBLIC SERVICES

REVISIONS	NO.	BY	DATE

BALED HAY DITCH AND SWALE EROSION CHECK

WCB - J.M.R. 12-6-10

TOWN ENGINEER DIRECTOR OF PUBLIC SERVICES ISSUE DATE

TSK STANDARD D-8.4

TOWN OF SOUTH KINGSTOWN DEPARTMENT OF PUBLIC SERVICES

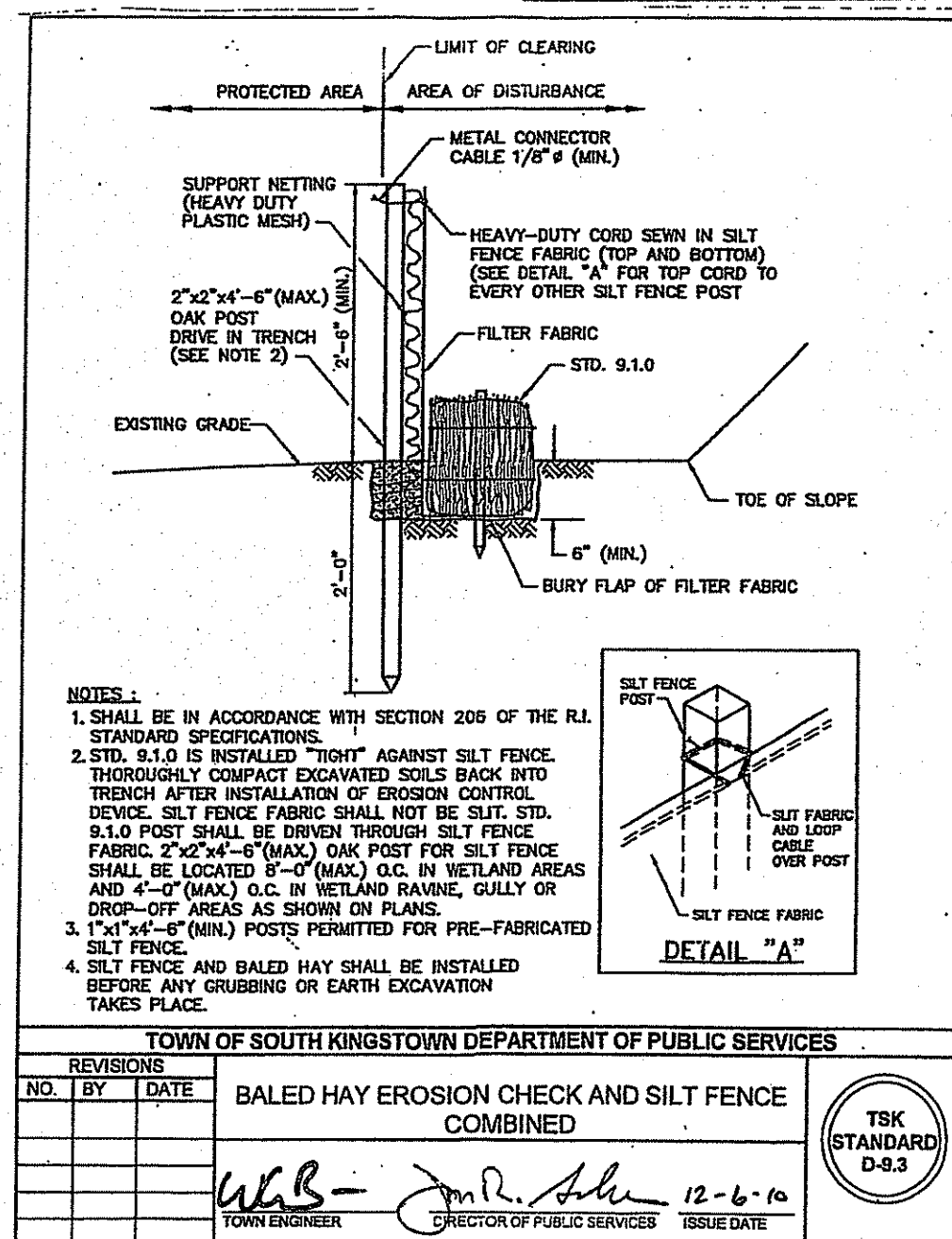
REVISIONS	NO.	BY	DATE

CONSTRUCTION ACCESS ENTRANCE

WCB - J.M.R. 12-6-10

TOWN ENGINEER DIRECTOR OF PUBLIC SERVICES ISSUE DATE

TSK STANDARD D-9.8



- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
 2. STD. 9.1.0 IS INSTALLED "TIGHT" AGAINST SILT FENCE. THOROUGHLY COMPACT EXCAVATED SOILS BACK INTO TRENCH AFTER INSTALLATION OF EROSION CONTROL DEVICE. SILT FENCE FABRIC SHALL NOT BE SILE. STD. 9.1.0 POST SHALL BE DRIVEN THROUGH SILT FENCE FABRIC 2" x 2" x 4" (MAX.) OAK POST FOR SILT FENCE SHALL BE LOCATED 8" (MAX.) O.C. IN WETLAND AREAS AND 4" (MAX.) O.C. IN WETLAND SAVANNA, GULLY OR DROP-OFF AREAS AS SHOWN ON PLAN.
 3. 1" x 4" x 8" (MIN.) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
 4. SILT FENCE AND BALED HAY SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.

TOWN OF SOUTH KINGSTOWN DEPARTMENT OF PUBLIC SERVICES

REVISIONS	NO.	BY	DATE

BALED HAY EROSION CHECK AND SILT FENCE COMBINED

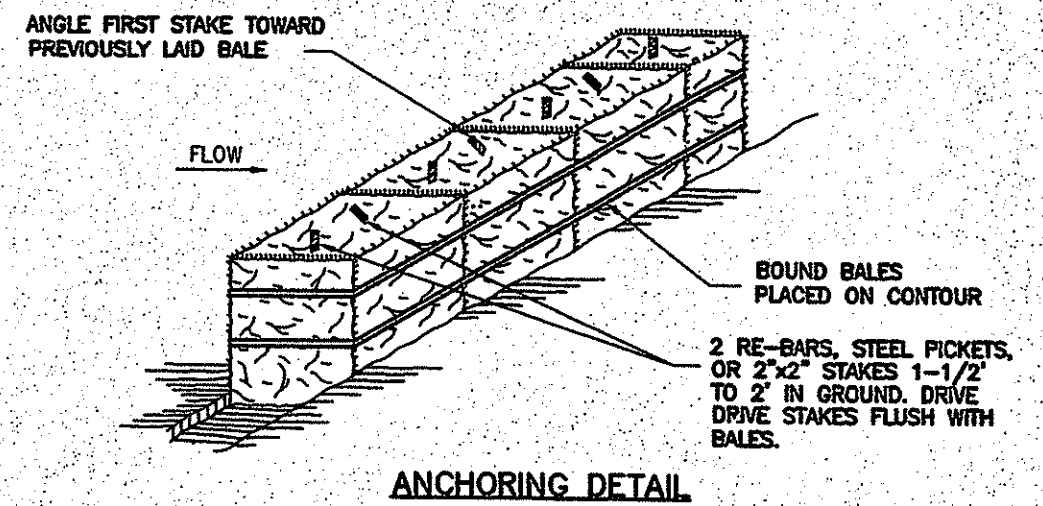
WCB - J.M.R. 12-6-10

TOWN ENGINEER DIRECTOR OF PUBLIC SERVICES ISSUE DATE

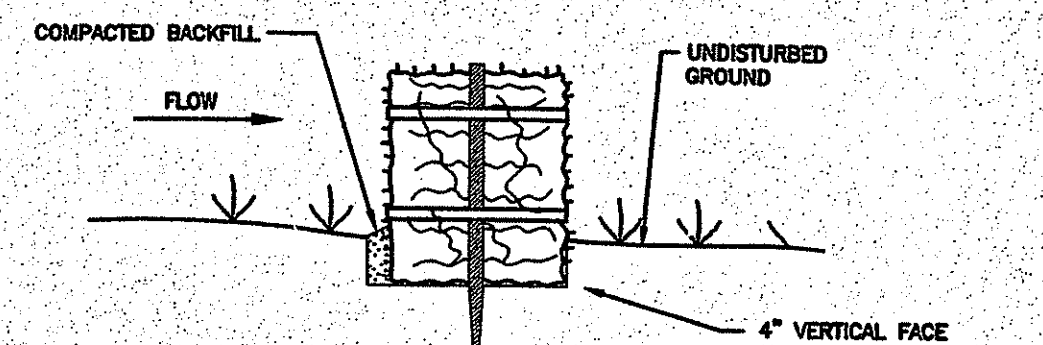
TSK STANDARD D-9.3

ORDER OF CONSTRUCTION/SITE DISTURBANCE:

1. LIMITS OF DISTURBANCE AS SHOWN ON APPROVED PLANS MUST BE STAKED BY A PROFESSIONAL LAND SURVEYOR OR EQUAL.
2. STAKED HAYBALES, COMPOST SILT SOCK OR SILT FENCE AS DEPICTED ON APPROVED PLANS MUST BE INSTALLED PRIOR TO SITE DEVELOPMENT EARTHWORK.
3. BLOCK/STONE RETAINING WALL SHALL BE CONSTRUCTED BEFORE GRADING OF SLOPES EXCEEDING 3:1, WHEN REQUIRED.
4. SITE DEVELOPMENT ie: EXCAVATION OF FOUNDATION, DRIVEWAY, ASSOCIATED GRADING MAY COMMENCE.
5. SEDIMENT AND EROSION CONTROLS CAN BE REMOVED UPON PERMANENT STABILIZATION OF SLOPES, ETC.



ANCHORING DETAIL



BEDDING DETAIL

CONSTRUCTION SPECIFICATIONS

1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR, AND IN A ROW WITH ENDS THOROUGHLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE SUBSIDED IN THE SOIL, A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE, AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR/REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED. REMOVE ACCUMULATED SEDIMENT PROMPTLY.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPIDE STORM FLOW OR DRAINAGE.

STRAW BALE BARRIER DETAIL

NOT TO SCALE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER MANAGEMENT PROGRAM
APPROVED WITH THE FOLLOWING CONDITIONS
AS SPECIFIED IN THE PERMIT OF APPROVAL
DATED APR 17 2015 PERMIT # 15-0046
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

SAMUEL A. WHITE, JR.
No. 1781
PROFESSIONAL LAND SURVEYOR
3-13-15
D-2020

NOTES AND DETAILS FOR
PROPOSED SITE ALTERATIONS
ASSESSORS MAP 4-4, LOT 28
544 DUGWAY BRIDGE ROAD
SOUTH KINGSTOWN, RHODE ISLAND
Prepared For: MR. JAD ANDERSON
SCALE: NOT TO SCALE DATE: 3/13/15
PREPARED BY: NORTH KINGSTOWN LAND SURVEY SHEET 2 OF 2