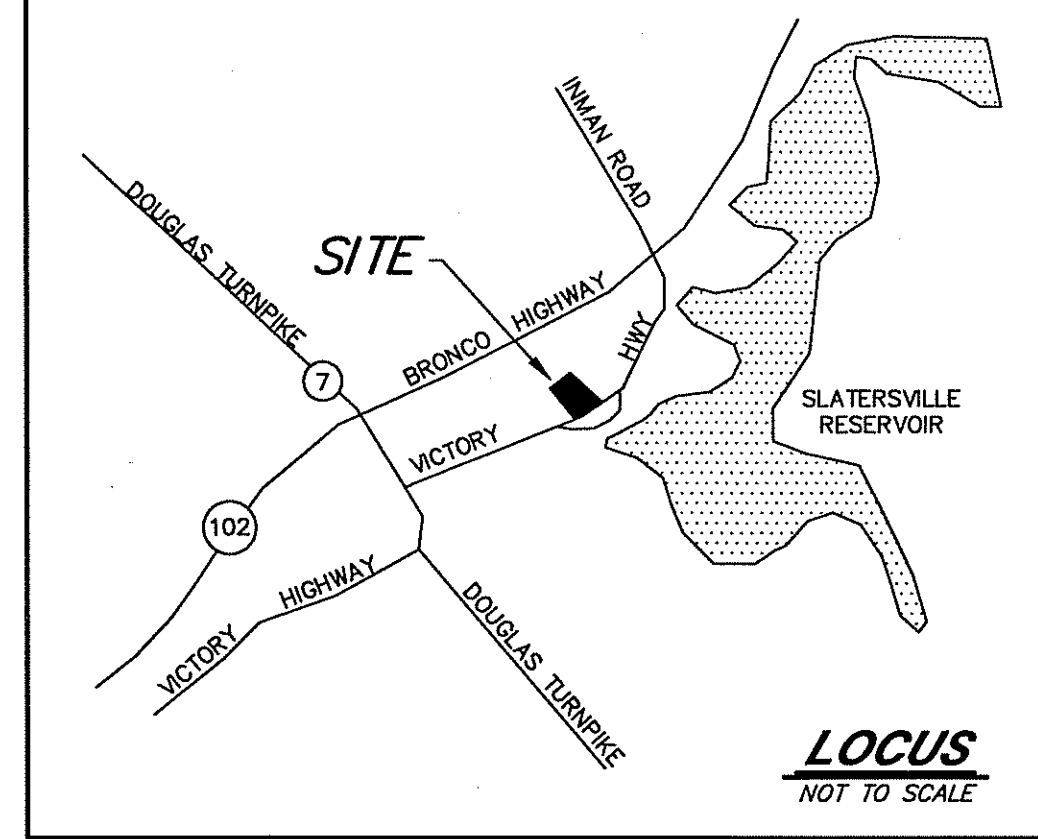
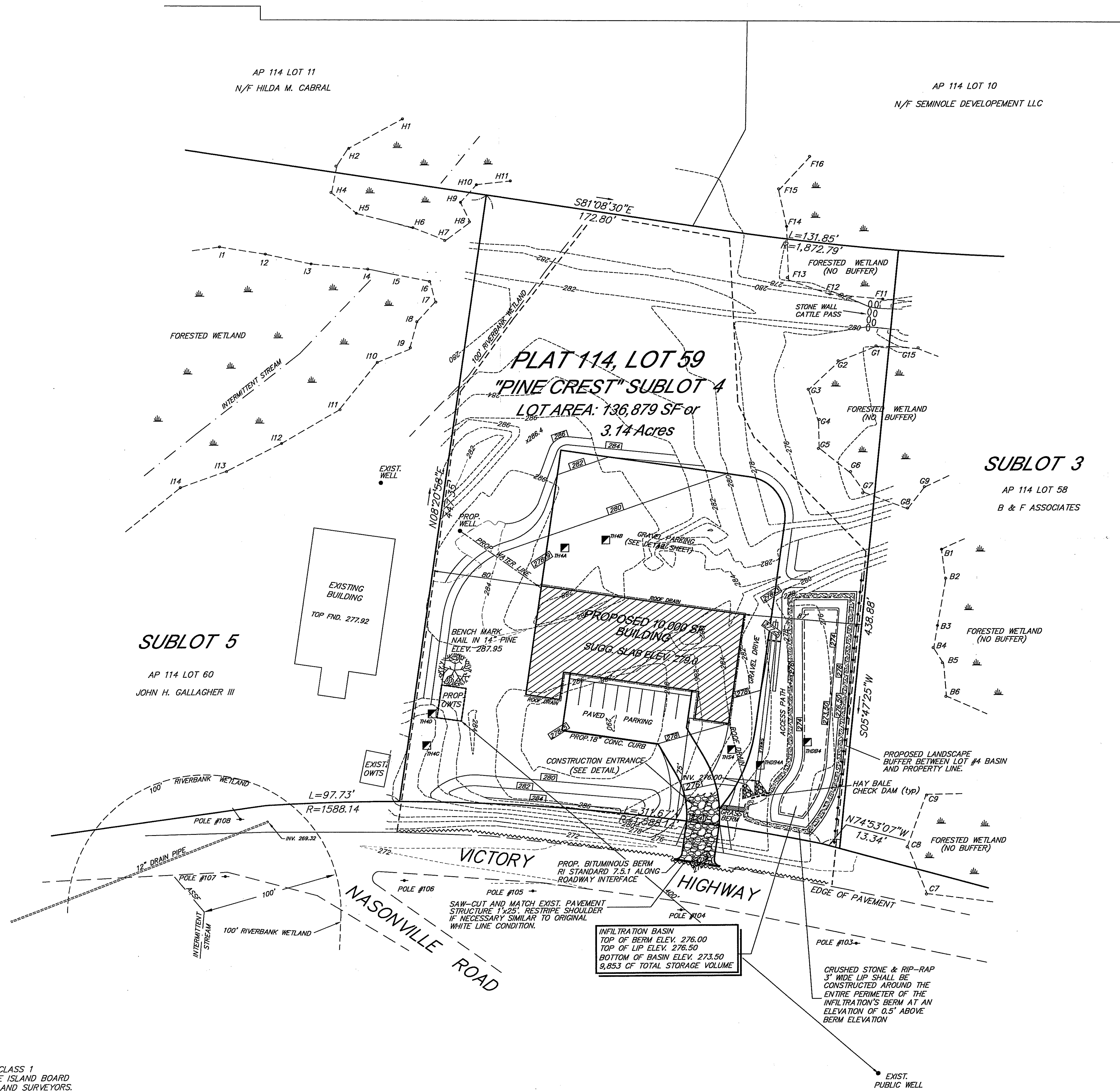


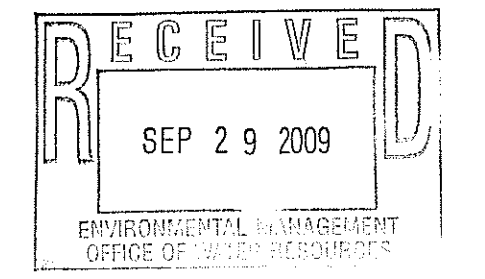
BRONCO HIGHWAY (ROUTE 102)



LOCUS  
NOT TO SCALE

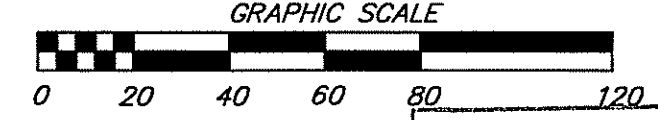
LEGEND

- 100 --- 100 EXISTING CONTOUR
- 100 --- 100 PROPOSED CONTOUR
- 280.00 PROPOSED ELEVATION
- TH1A TEST HOLE
- WELL
- WETLAND FLAG
- LIMIT OF DISTURBANCE
- STAKED HAYBALES OR SILT FENCE AND LIMIT OF DISTURBANCE
- SILT COLLECTION AREA (DEWATERING BASIN - SEE DETAIL)
- CRUSHED STONE & RIP-RAP LIP

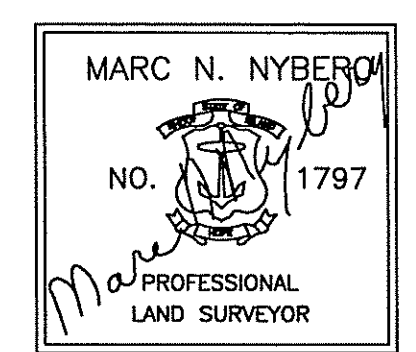
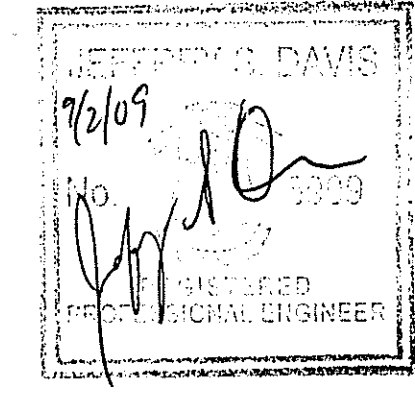


OWNER/APPLICANT: O'KEEFE PROPERTIES, LLC  
61 GOLOSIE ROAD  
CHEPACHET, RI 02814

SITE PLAN FOR  
O'KEEFE PROPERTIES, LLC  
ASSESSOR'S PLAT 114, LOT 59  
VICTORY HIGHWAY  
BURRILLVILLE, RHODE ISLAND  
AUGUST, 2009  
SHEET 1 OF 2  
SCALE: 1" = 40'



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS  
AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED OCT 28 2009 FILE # 07-0257  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE



JEFFREY S. DAVIS, P.E.  
FOR DRAINAGE ONLY  
30 MONTAUK AVENUE  
NARRAGANSETT, RI 02882

MARC N. NYBERG ASSOCIATES, INC.  
LAND SURVEYORS AND PLANNERS  
501 GREAT ROAD, UNIT 104  
NO. SMITHFIELD, RHODE ISLAND 02896  
TEL. (401) 762-2870 FAX. (401) 762-2871

THIS SURVEY AND PLAN CONFORM TO CLASS 1 STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.  
Marc Nyberg  
REG. PROFESSIONAL LAND SURVEYOR



- EROSION CONTROL**
- PRIOR TO START OF CONSTRUCTION, HAYBALES, SILT FENCE AND ALL OTHER SPECIFIED EROSION CONTROL MEASURES SHALL BE IN PLACE.
  - THE CONTRACTOR SHALL BE REQUIRED TO ESTABLISH AND FULLY MAINTAIN ALL REQUIRED EROSION AND SEDIMENTATION CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PERIOD.
  - DEGRADED SLOPES SHALL NOT BE LEFT 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 SEEDED OR PROTECTED BY THAT DATE FOR ANY WORK COMPLETED DURING EACH CONSTRUCTION YEAR.
  - TEMPORARY TREATMENTS SHALL CONSIST OF HAY, STRAW, OR FIBER MULCH OR PROTECTIVE COVERS SUCH AS A MAT OF FIBER LINING (BURLAP, JUTE, ETC.). THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED OR AS ORDERED BY THE OWNER OR HIS DESIGNEE.
  - HAY OR STRAW APPLICATIONS SHALL BE IN THE AMOUNT OF 2,000 LBS. /ACRE.

- SEDIMENTATION CONTROL PROGRAM**
- ALL EXPOSED SLOPES, INCLUDING STOCKPILES OF MATERIAL, SHALL RECEIVE TEMPORARY SEDIMENTATION AND EROSION CONTROLS. THIS WILL INCLUDE LOAMING AND SEEDING, MULCHING, HAYMATS, ETC., TO STABILIZE THE AREA.
  - SILT FENCE (TEMPORARY) SHALL BE:
    - INSTALLED DOWN-SLOPE OF THE LIMITS OF PROPOSED CONSTRUCTION AS SHOWN ON THE DRAWINGS.
    - INSTALLED PRIOR TO THE COMMENCEMENT OF THE PROPOSED ALTERATIONS.
    - MAINTAINED ON A REGULAR BASIS.
  - ALL DRAINAGE STRUCTURES SHALL BE SURROUNDED BY HAYBALES TO PREVENT INFILTRATION OF SEDIMENTS.
  - DURING CONSTRUCTION, THE CONTRACTOR 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 AND AT LEAST ONCE A WEEK.
  - THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE AS THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT FROM LEAVING THE SITE.
  - ADDITIONAL HAYBALES OR SILT FENCE SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR HIS DESIGNEE.
  - ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION.
  - SHOULD SEDIMENTS ENTER A CRITICAL AREA (WETLAND, BUFFER ZONE, ABUTTING PROPERTY) THE CONTRACTOR SHALL IMMEDIATELY CLEAN AND RESTORE THE EFFECTED AREA.
  - 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 STREAMWATER FLOWAGE.
  - CONTRACTORS SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
  - CONTRACTORS RESPONSIBILITY TO MAINTAIN THE SWALES UNTIL SWALE GRASSES HAVE GENERATED ACCEPTABLE GROWTH TO PREVENT EROSION AND SILT MIGRATION TO THE DRAINAGE PONDS.
  - AS PART OF THE PLACEMENT OF SOIL EROSION AND SEDIMENT CONTROL MEASURES, THE CONTRACTOR SHALL PROPE OFF THE ENTIRE AREA WHERE THE PROPOSED INFILTRATION BASIN IS TO BE BUILT, RESTRICTING ANY AND ALL EXCAVATION ACTIVITIES TO LIGHT-EARTHMOVING EQUIPMENT ONLY, IN ORDER TO PREVENT COMPACTION OF SOILS BENEATH THE BASIN FLOOR OR SIDE SLOPES.

- SOIL STABILIZATION & PLANTING**
- ACCEPTABLE PLANTING MATERIALS:**
- LOAM** - THE MATERIAL TO BE FURNISHED SHALL CONSIST OF LOOSE, FRIABLE, SANDY LOAM OR LOAM TOPSOIL, FREE OF A MIXTURE OF SUBSOIL, REFUSE, STUMPS, ROOTS, ROCKS, BRUSH, WEEDS AND OTHER MATERIAL WHICH WILL PREVENT THE FORMATION OF A SUITABLE SEED BED. ALL DISTURBED AREAS TO BE LOAMED AND SEEDED AS SOON AS PRACTICAL AFTER CONSTRUCTION AND AREA HAS STABILIZED.
- SEED MIXTURES** - ALL LEGUME SEED SHALL BE INOCULATED WITHIN 24 HOURS BEFORE MIXING AND PLANTING WITH THE APPROPRIATE INOCULUM FOR EACH VARIETY. ALL INOCULANT SHALL BE FRESH AND SHALL BE USED WITHIN THE DATE LIMIT PRESCRIBED BY THE MANUFACTURER.

- FOR RELATIVELY FLAT SLOPES:**
- | MIX   | % BY WEIGHT |
|---|-------------|
| RED FESCUE - CHEWING'S PENNLAWN OR CREEPING | 70          |
| KENTUCKY BLUEGRASS                          | 15          |
| COLONIAL BENTGRASS - ASTORIA OR EXITED      | 5           |
| PERENNIAL RYEGRASS                          | 10          |
- SEEDING RATE = 100 LBS. PER ACRE
- FOR STEEP SLOPES 3:1 OR GREATER:**
- | MIX                                    | % BY WEIGHT |
|--|-------------|
| RED FESCUE - PENNLAWN OR CREEPING      | 75          |
| PERENNIAL RYEGRASS                     | 5           |
| COLONIAL BENTGRASS - ASTORIA OR EXITED | 5           |
| BIRDSFOOT TREFOIL - EMPIRE             | 15          |
- SEEDING RATE = 100 LBS. PER ACRE
- FOR SWALE SLOPES:**  
TYPE 1 SEEDING - REFER TO SECTION L.02.03 RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

- GENERAL NOTES:**
- ZONING DISTRICTS:  
GENERAL COMMERCIAL  
MIN. AREA: 40,000 SQUARE FEET  
MIN. FRONTAGE: 150'  
BUILDING SETBACKS: FRONT = 75' REAR = 40' SIDE = 30'
  - WETLAND DELINEATION PERFORMED BY NATURAL RESOURCE SERVICES, INC., BOX 311, HARRISVILLE, RI 02830
  - SITE IS LOCATED WITHIN A WELLHEAD PROTECTION AREA.
  - SITE IS NOT LOCATED WITHIN ANY FLOOD HAZARD ZONE AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP, PANEL No.440013 0005 B, DATED JULY 2, 1979.
  - ELEVATIONS BASED ON NGVD.
  - SITE IS LOCATED WITHIN AN A-100 AQUIFER ZONE.
  - ALL WORK WITHIN THE STATE HIGHWAY R.O.W. SHALL CONFORM TO RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION, INCLUDING ALL REVISIONS AND THE RI STANDARD DETAILS.
  - ALL TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES 2003 INCLUDING ALL REVISIONS.
  - TOTAL LOT AREA: 16.62 Acres±
  - PROPOSED USE TO BE OFFICE/WAREHOUSE.
  - THDB1 - ESHWT: 92" THS1 - ESHWT: 120" TH4B - ESHWT: 96"  
THDB2 - ESHWT: 96" THS2 - ESHWT: 120" TH4C - ESHWT: 120"  
THDB4 - ESHWT: 78" THS4 - ESHWT: 72" TH4D - ESHWT: 120"  
THDB4A - ESHWT: 76" TH4A - ESHWT: 96"
  - ALL MAINTENANCE (INCLUDING CLEANING AND REPAIRS) OF THE PROPOSED DRAINAGE DEVICES ON THIS SITE, INCLUDING THE INSTRUCTIONS PROVIDED ON THESE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD AND UNTIL FINAL ACCEPTANCE BY THE ENGINEER AND THE TOWN OF BURRILLVILLE.

- ORDER OF PROCEDURE:**
- IMMEDIATELY UPON COMPLETION OF THE CLEARING AND GRUBBING OPERATION AND PRIOR TO ANY ROUGH GRADING, TEMPORARY HAYBALES OR SILT FENCE SHALL BE PLACED OUTSIDE THE LIMITS OF CONSTRUCTION AS PER THE PLANS (I.E. ALONG NEW ROADWAYS, STREAM BANKS, CRITICAL AREAS, ETC.)
  - ALL EROSION AND SEDIMENTATION CONTROL STRUCTURES SHALL BE PERIODICALLY MAINTAINED AS PER THE RESPECTIVE PROGRAMS FOR TEMPORARY CONTROL.
  - IF WORK PROGRESS IS TO BE INTERRUPTED AT ANY TIME, REFERENCE EROSION AND SEDIMENTATION PROGRAMS FOR TEMPORARY CONTROL.
  - TEMPORARY HAYBALES OR SILT FENCE ALONG THE DRIVEWAY MAY ALSO BE REMOVED AFTER FINAL SOIL STABILIZATION HAS BEEN ACHIEVED AND APPROVED.

- SWALE INSPECTION, MAINTENANCE & REPAIR:**
- IF WORK PROGRESS IS TO BE INTERRUPTED AT ANY TIME, REFERENCE EROSION AND SEDIMENTATION PROGRAMS FOR TEMPORARY CONTROL.
  - BASINS SHALL BE MOWED AT LEAST ONCE PER GROWING SEASON TO PREVENT ESTABLISHMENT OF WOODY GROWTH AND OTHER UDESIRABLE PLANTS THAT INHIBIT PROPER PERFORMANCE.
  - GRASS VEGETATION SHALL NOT BE CUT SHORTER THAN (4) INCHES.
  - BARE SPOTS AND ERODED AREAS WITHIN THE BASINS SHALL BE RESEED IMMEDIATELY FOLLOWING OBSERVATIONS TO PREVENT FAILURE OF SYSTEM.
  - BASINS SHALL BE INSPECTED ON A SEMI-ANNUAL BASIS. ALL TRASH AND OTHER LITTER SHALL BE REMOVED DURING INSPECTIONS.
  - SEDIMENTS SHALL BE REMOVED AT LEAST ONCE PER YEAR. ACCUMULATED SEDIMENTS MUST BE REMOVED MANUALLY TO PREVENT DAMAGE TO THE BASINS. RESEEDING MAY BE NECESSARY AFTER SEDIMENT REMOVAL OPERATIONS, ESPECIALLY IF EXCESSIVE DAMAGE IS DONE TO VEGETATION.
  - FOLLOWING THE COMPLETION OF THE CONSTRUCTION OF AP 114, LOT 44, SUB LOTS 1, 2 AND 4, THE STABILIZATION OF EACH SITE AND ACCEPTANCE BY THE ENGINEER, THE LONG-TERM MAINTENANCE OF ALL DRAINAGE STRUCTURES ON EACH SITE SHALL BE THE RESPONSIBILITY OF THE OWNER OF AP 114, LOT 44, SUBLOTS 1, 2 & 4. RESPONSIBILITY TRANSFERRING TO ANY NEW OWNERS IF AND WHEN LOTS ARE SOLD.
  - DURING THE FIRST YEAR OF OPERATION, SEDIMENTS SHALL BE COLLECTED FROM THE SWALE AND TESTED FOR HEAVY METALS AND ANY OTHER CONTAMINANTS, AT A MINIMUM, THREE (3) TIMES. IN THE EVENT THAT ANY CONTAMINANTS ARE FOUND IN THE SEDIMENT, THE TOWN OF BURRILLVILLE, AS WELL AS THE PROGRAM, SHALL BE NOTIFIED OF THESE RESULTS. THE OWNER OF THE AFFECTED LOT(S) SHALL BE RESPONSIBLE TO DETERMINE THE ACCEPTABLE LOCATION OF SEDIMENT DISPOSAL.
  - THE INSPECTION RECORDS OF ALL WORK CONDUCTED ON DRAINAGE DEVICES FOR EACH INDIVIDUAL SUB-LOT SHALL BE MAINTAINED BY THE OWNER OF EACH SUB-LOT FOR INSPECTION BY THE PROGRAM UPON REQUEST.

- BASIN INSPECTION, MAINTENANCE & REPAIR:**
- IF WORK PROGRESS IS TO BE INTERRUPTED AT ANY TIME, REFERENCE EROSION AND SEDIMENTATION PROGRAMS FOR TEMPORARY CONTROL.
  - BASINS SHALL BE MOWED AT LEAST ONCE PER GROWING SEASON TO PREVENT ESTABLISHMENT OF WOODY GROWTH AND OTHER UDESIRABLE PLANTS THAT INHIBIT PROPER PERFORMANCE.
  - GRASS VEGETATION SHALL NOT BE CUT SHORTER THAN (4) INCHES.
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  - THE CRUSHED STONE AND RIP-RAP LINE ENCIROLING THE BASIN'S TOP-OF-BERM SHALL BE INSPECTED SEMI-ANNUALLY AND SHALL BE REPAIRED AND/OR REPLACED IMMEDIATELY IF DAMAGED OR DETERIORATING.
  - DURING THE FIRST YEAR OF OPERATION, FOLLOWING THE COMPLETION OF THE PROJECT BY THE ENGINEER AND THE TOWN OF BURRILLVILLE, THE BASIN AND ALL STRUCTURES ASSOCIATED WITH ITS OPERATION (I.E. SWALES, ROOF DRAINS, RIP-RAP AREAS, BERM SPILLWAYS, ETC.) SHALL BE INSPECTED QUARTERLY, AT MINIMUM, ESPECIALLY AFTER LARGE RAINFALL EVENT, TO ENSURE PROPER STABILIZATION AND FUNCTION.
  - IF STANDING WATER IS FOUND IN THE INFILTRATION BASIN MORE THAN 3 DAYS AFTER A RAINFALL EVENT, THE BASIN SHALL BE DETERMINED TO BE FAILED, AND THE OWNER OF SAID LOT SHALL BE RESPONSIBLE TO HAVE THE BASIN INSPECTED BY A RI - REGISTERED PROFESSIONAL ENGINEER AND REPAIRED/REPLACED IMMEDIATELY.

- GRAVEL STRIP MAINTENANCE:**
- THE PROPOSED GRAVEL STRIP, LOCATED BETWEEN THE PARKINGLOT AND THE DRAINAGE SWALE, SHALL BE INSPECTED TWICE PER YEAR. THE STRIP SHALL BE REPAIRED AND REGRADED IMMEDIATELY TO MATCH THE ORIGINAL DESIGN IF FOUND TO BE ERODING OR IN DISREPAIR. ALL SEDIMENT, TRASH AND DEBRIS SHALL BE REMOVED IMMEDIATELY.
  - NO VEGETATION SHALL BE ALLOWED TO GROW WITHIN THIS GRAVEL AREA. HOWEVER, AT NO TIME SHALL ANY PESTICIDES, OR ANY SIMILAR PRODUCT, BE USED TO REMOVE VEGETATION.

- PAVEMENT SURFACE MAINTENANCE:**
- THE PROPOSED PAVEMENT SURFACE SHALL BE SWEEPED FOUR (4) TIMES PER YEAR. SEDIMENT COLLECTED DURING SWEEPING OPERATIONS SHALL BE DISPOSED OF OFF-SITE IN AN APPROPRIATE LOCATION.
  - ROAD DE-ICING AGENTS (SALT) SHALL NOT BE USED ON THE PAVED PARKING SURFACES. TIME SHALL ANY PESTICIDES, OR ANY SIMILAR PRODUCT, BE USED TO REMOVE VEGETATION.

- GENERAL NOTES:**
- ZONING DISTRICTS:  
GENERAL COMMERCIAL  
MIN. AREA: 40,000 SQUARE FEET  
MIN. FRONTAGE: 150'  
BUILDING SETBACKS: FRONT = 75' REAR = 40' SIDE = 30'
  - WETLAND DELINEATION PERFORMED BY NATURAL RESOURCE SERVICES, INC., BOX 311, HARRISVILLE, RI 02830
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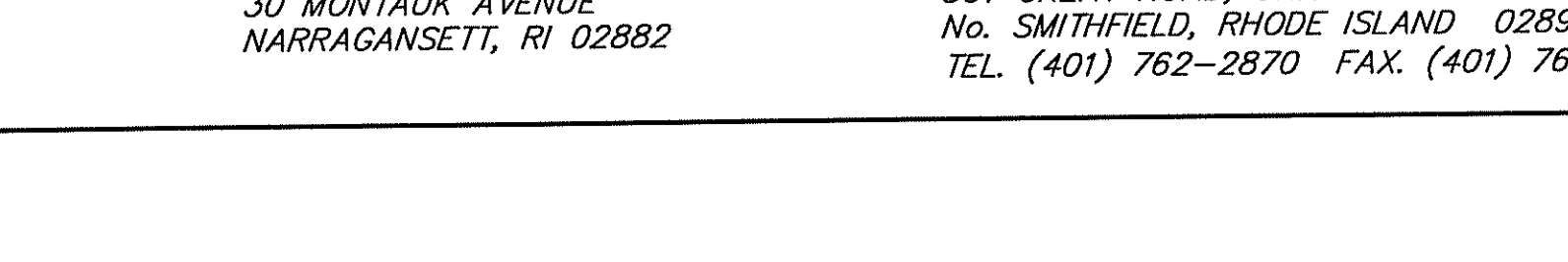
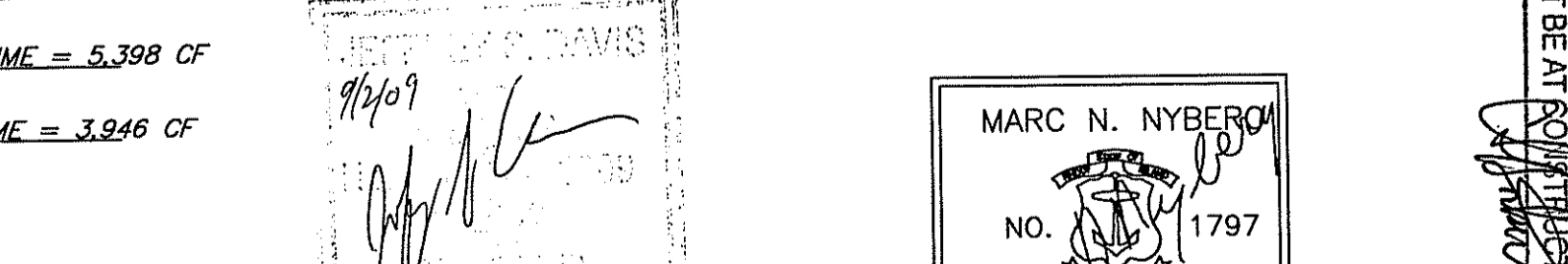
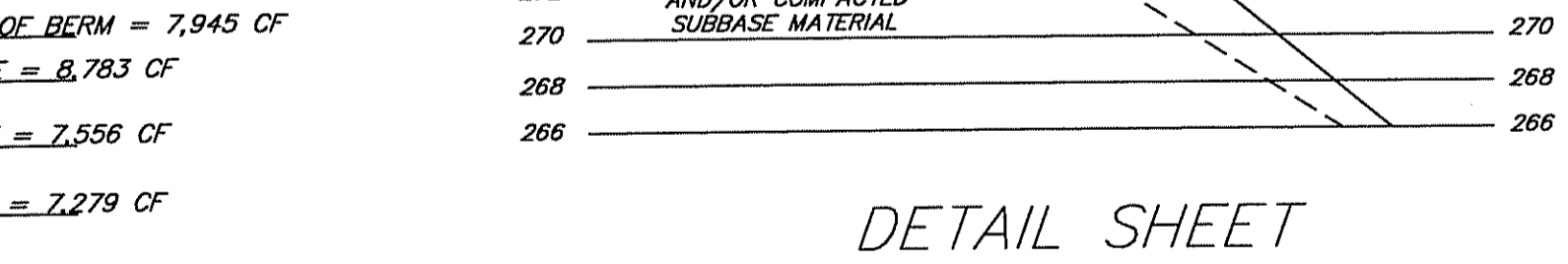
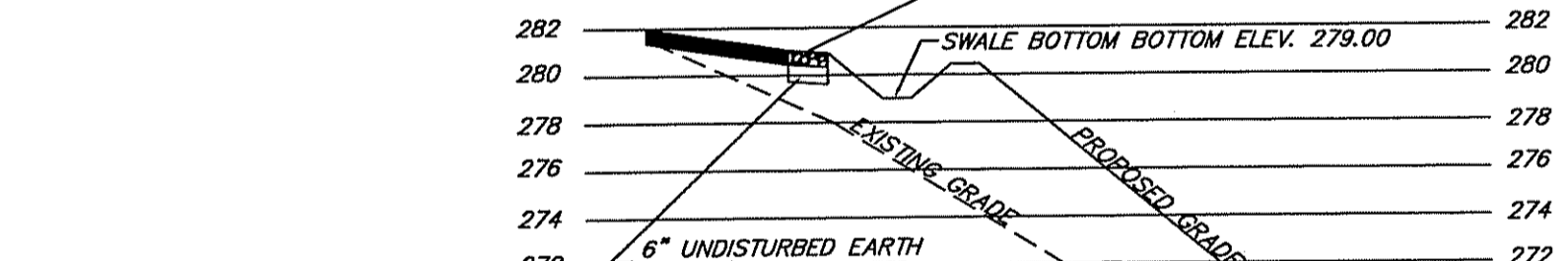
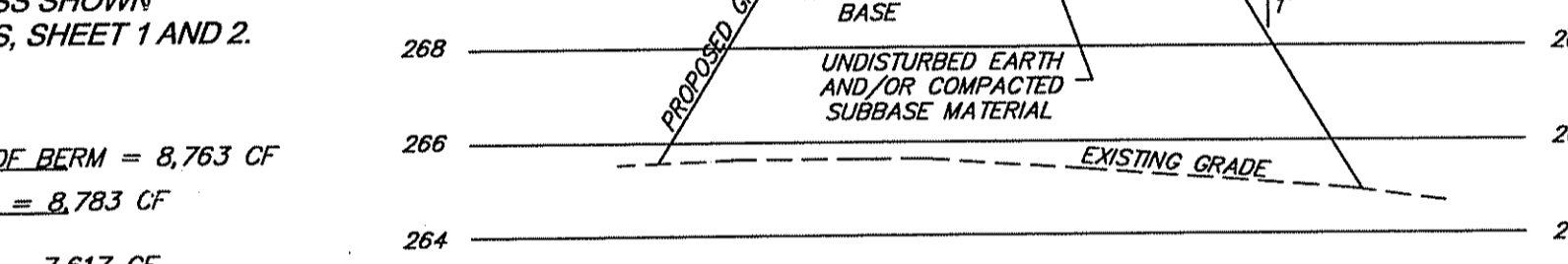
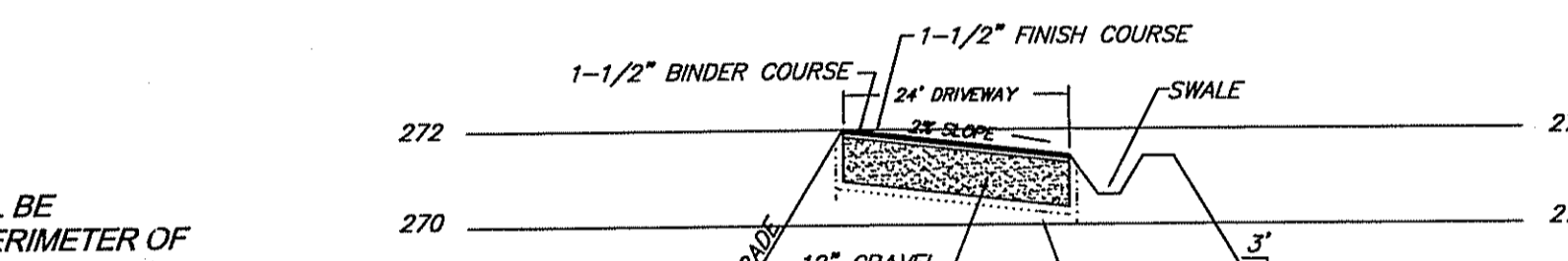
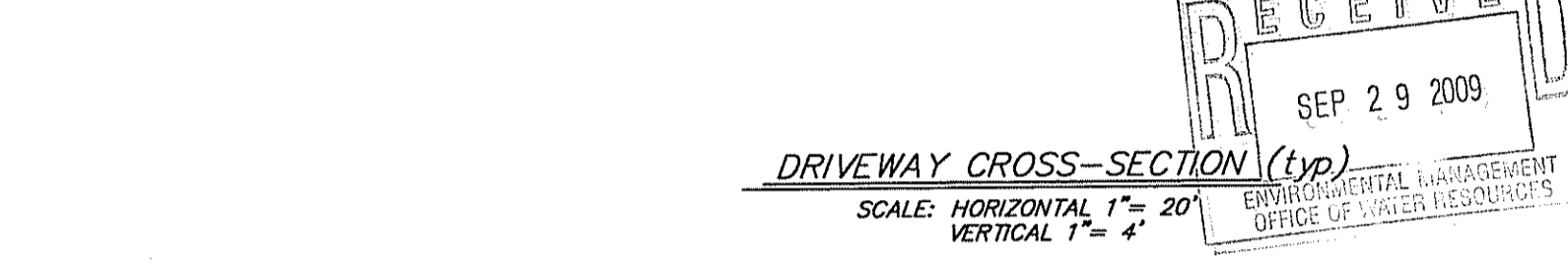
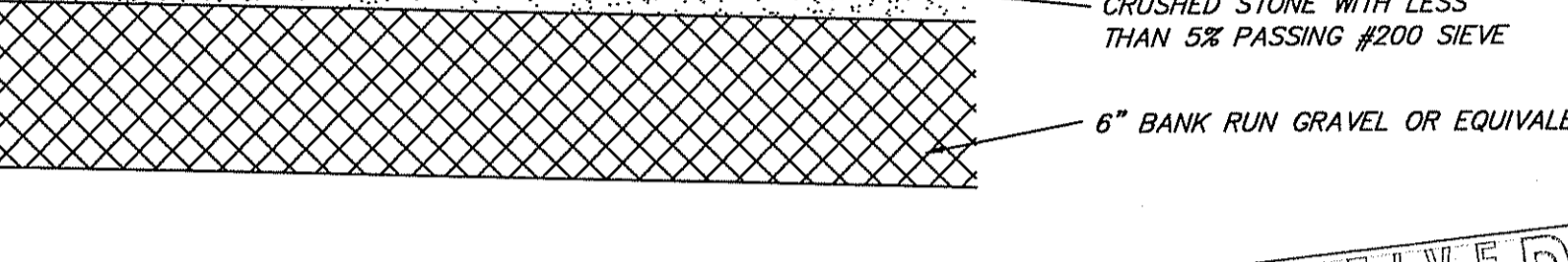
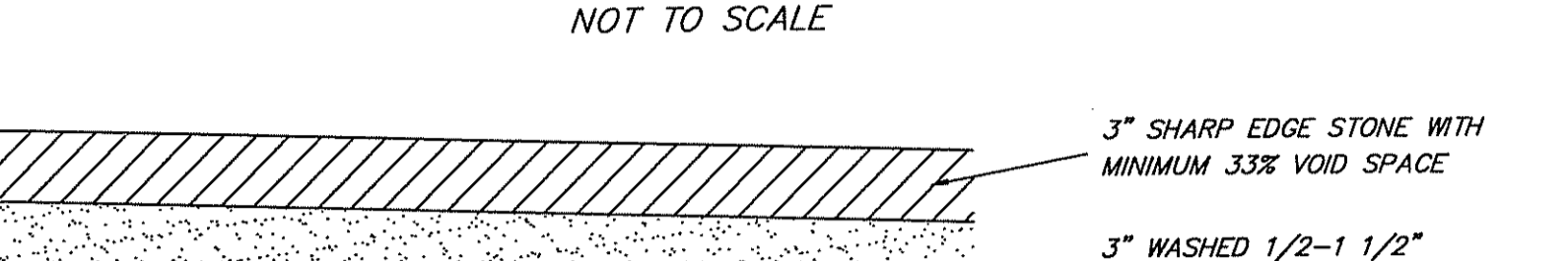
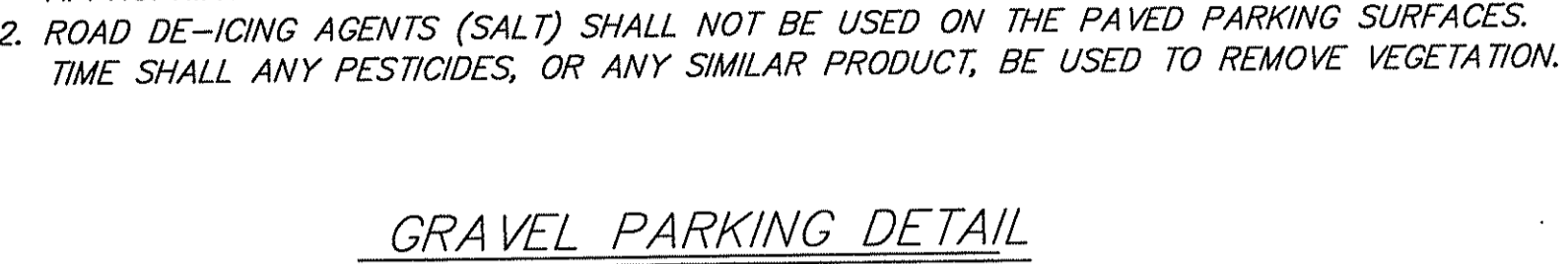
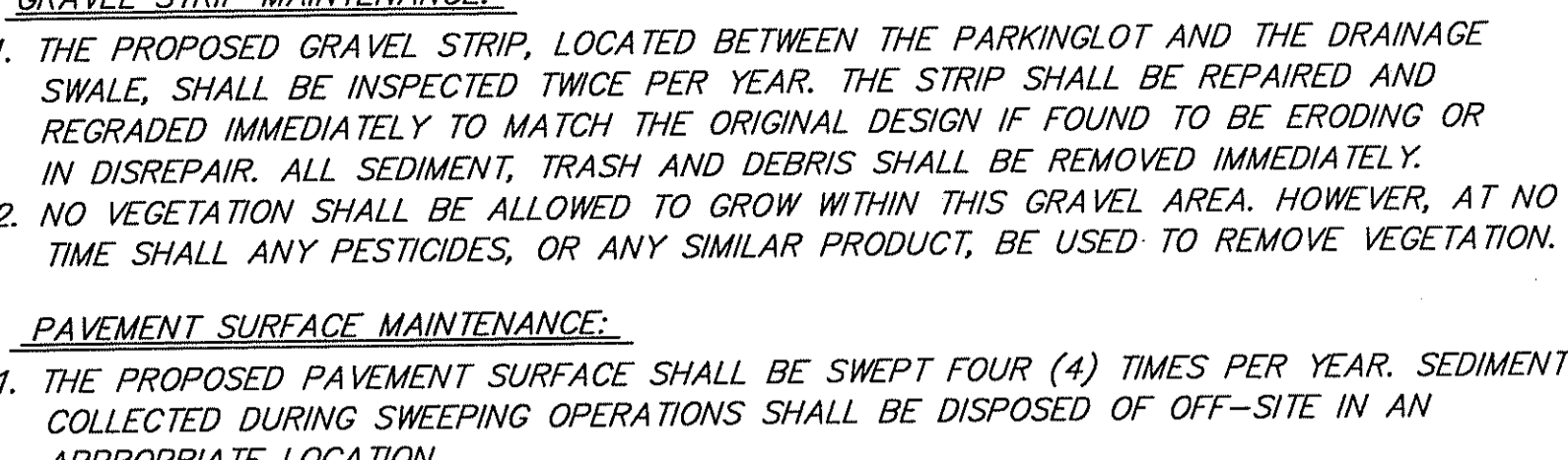
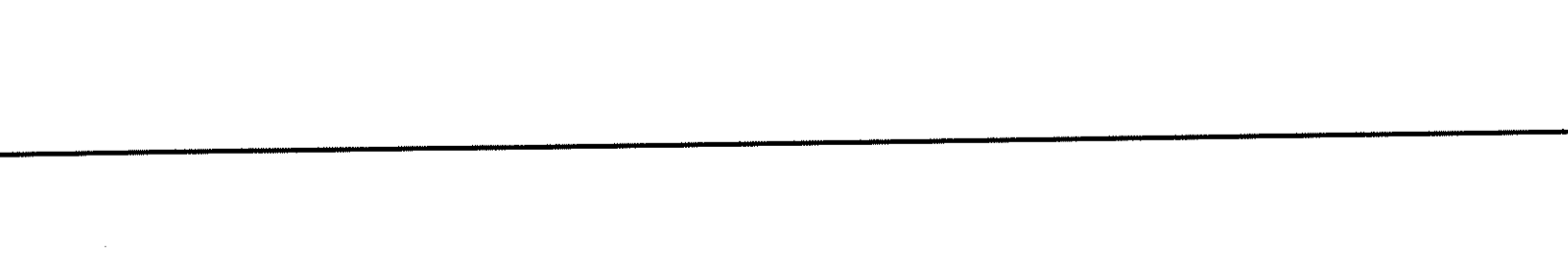
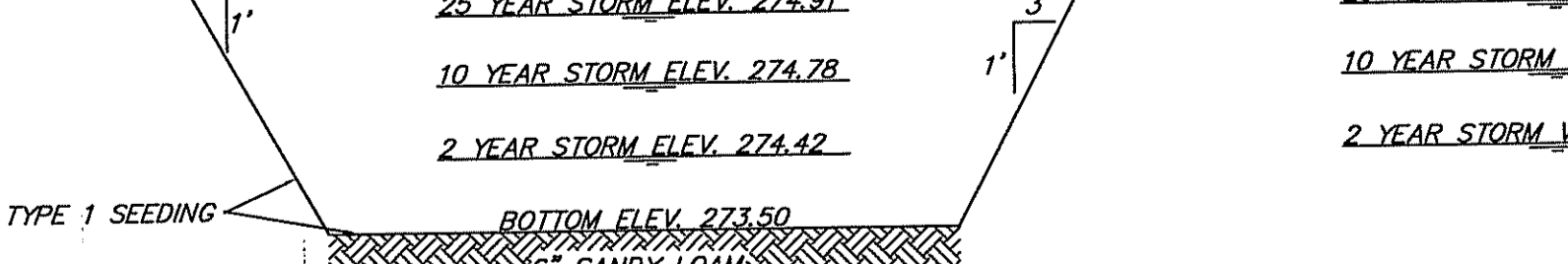
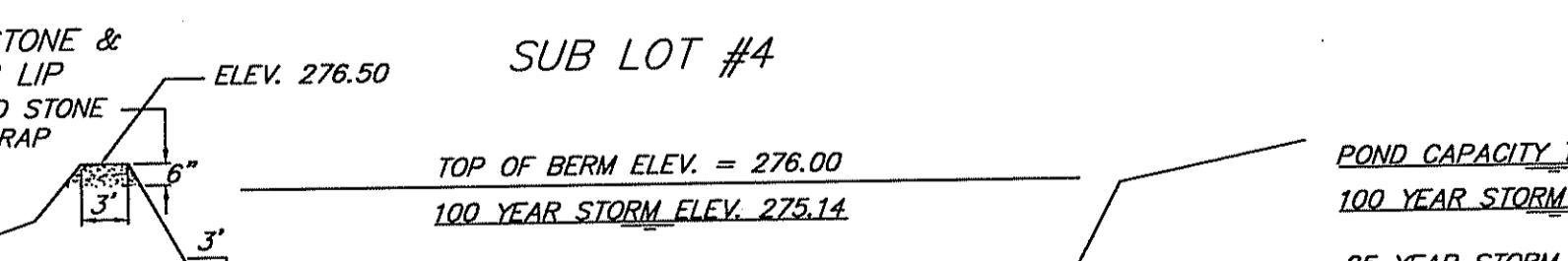
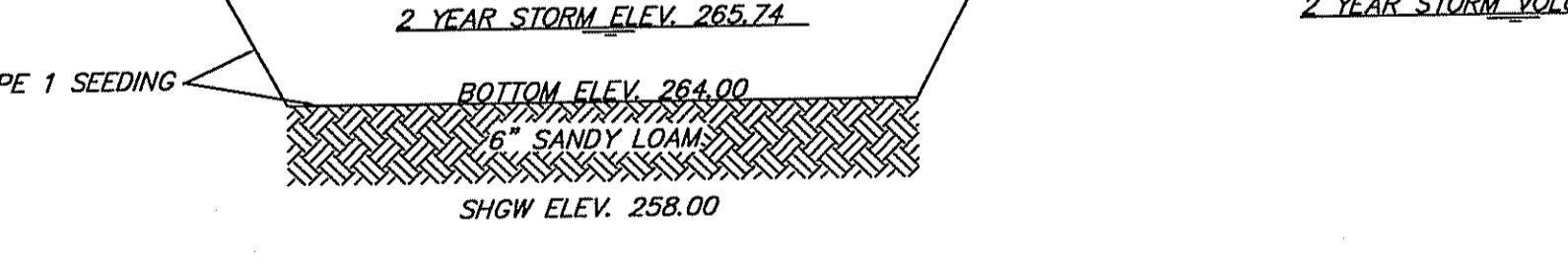
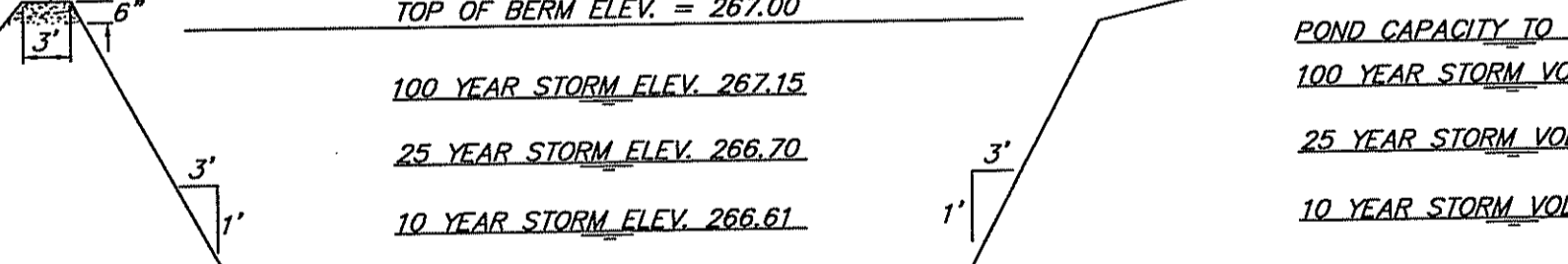
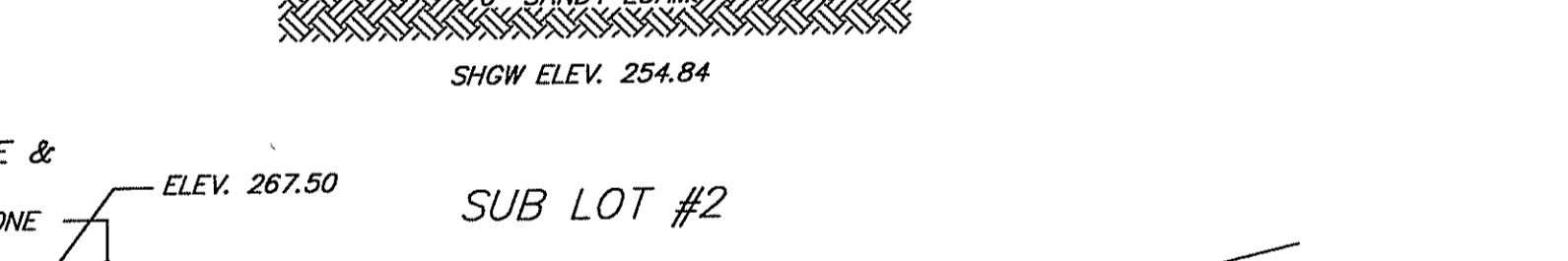
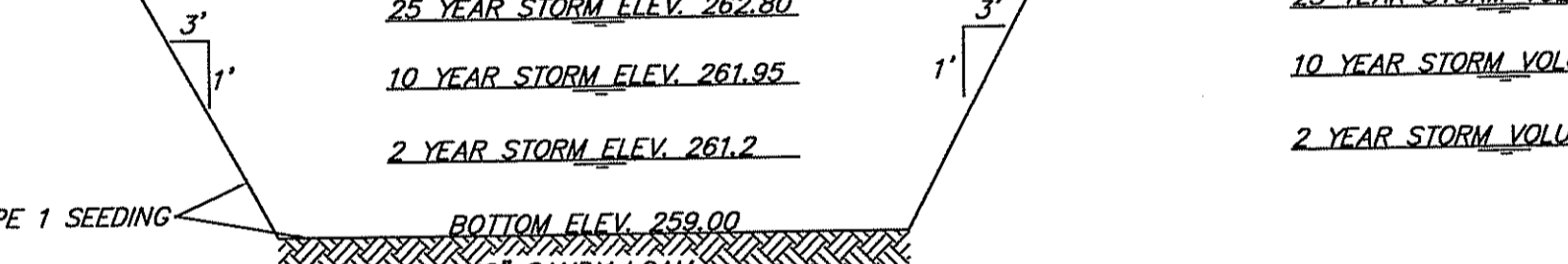
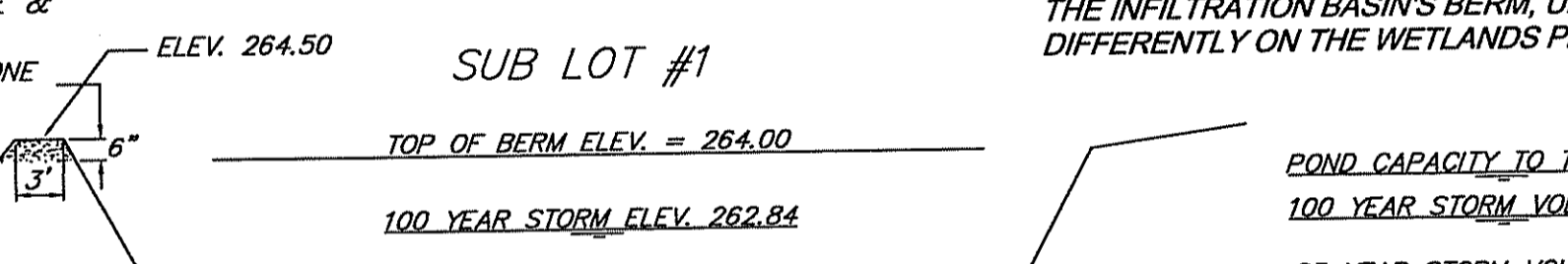
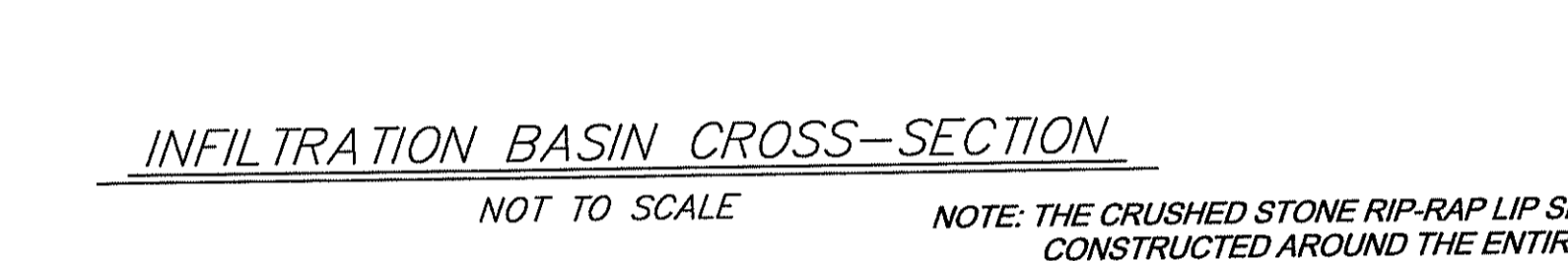
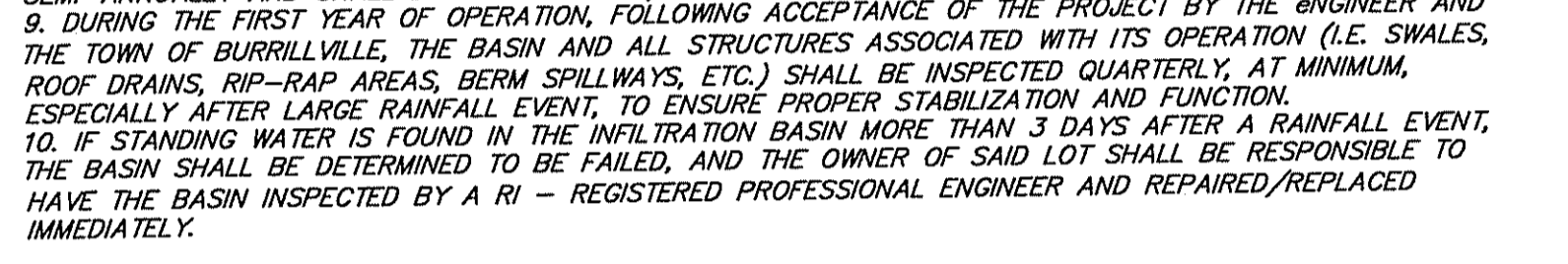
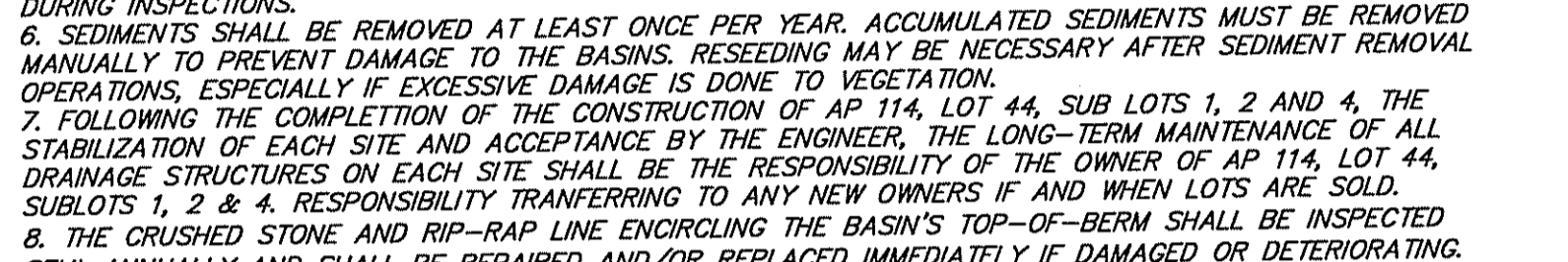
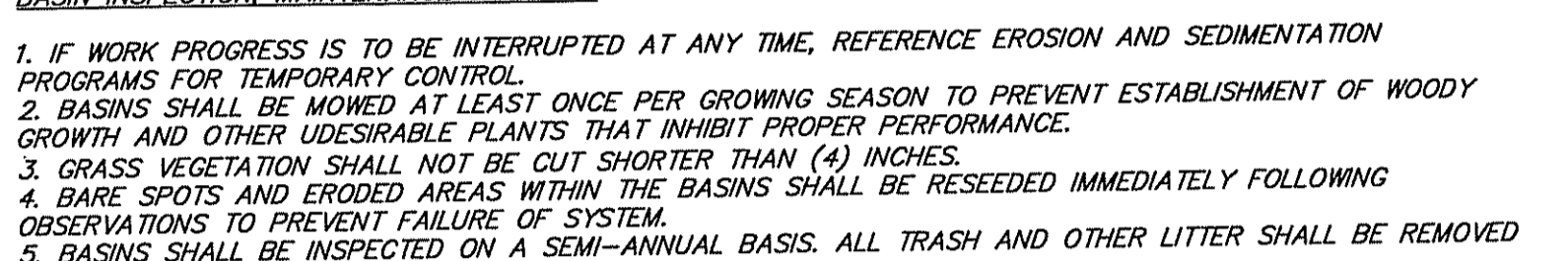
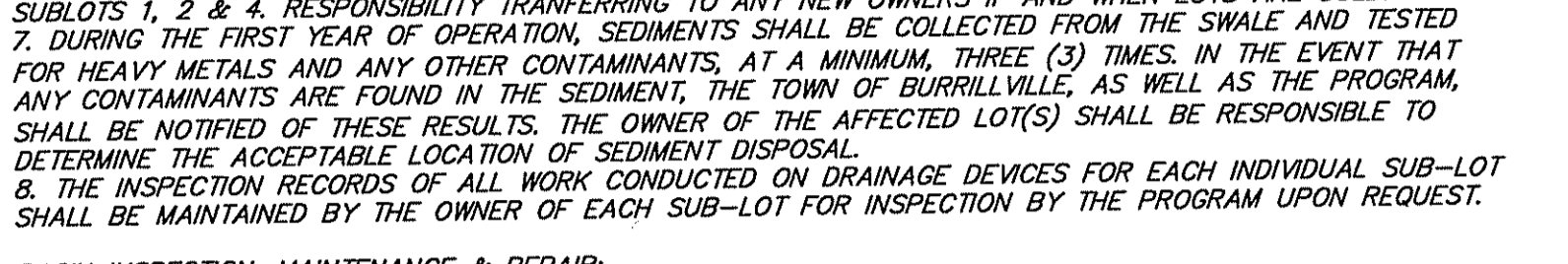
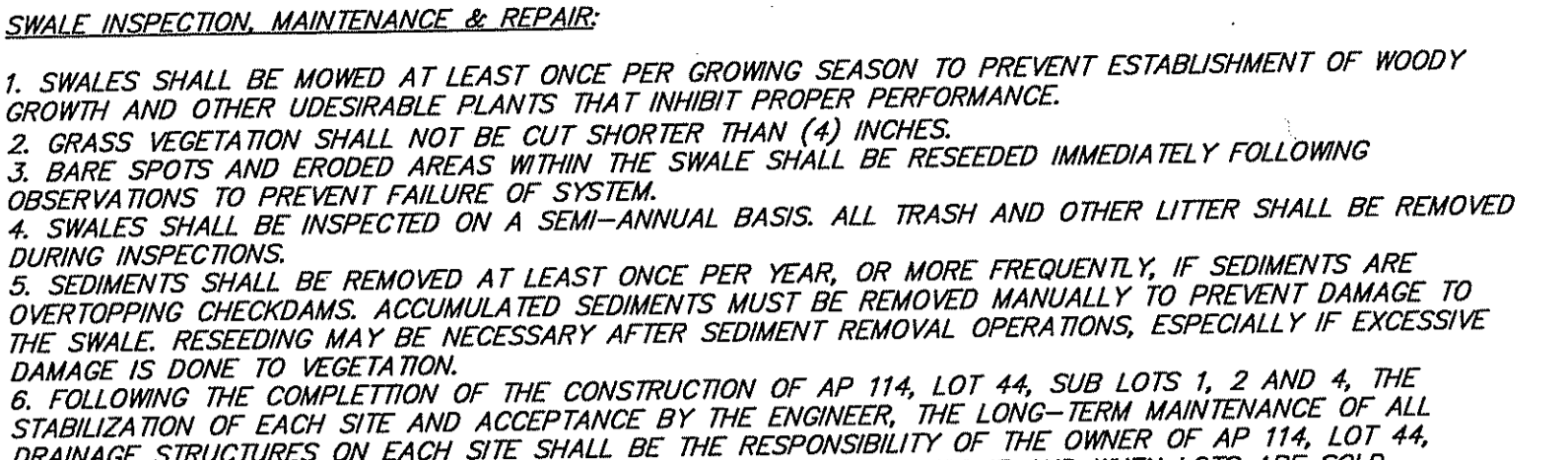
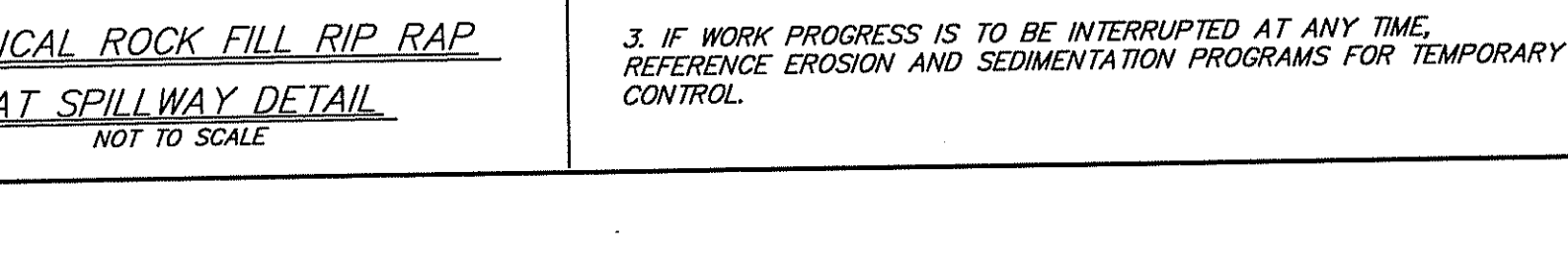
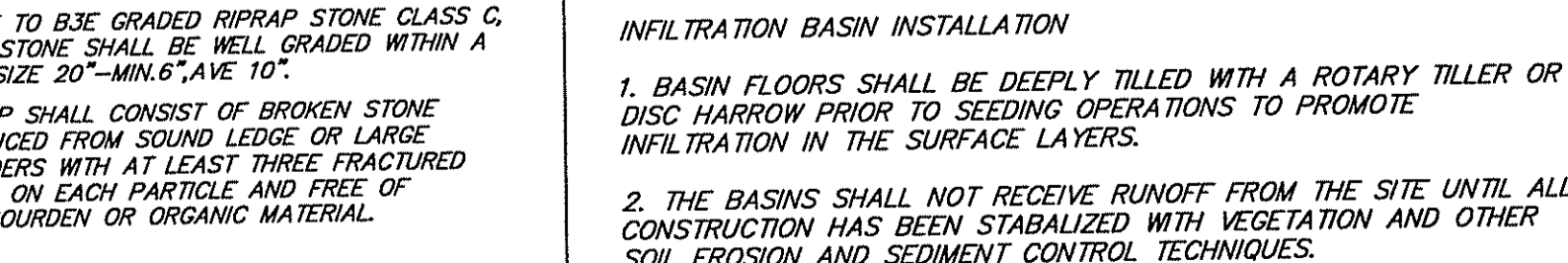
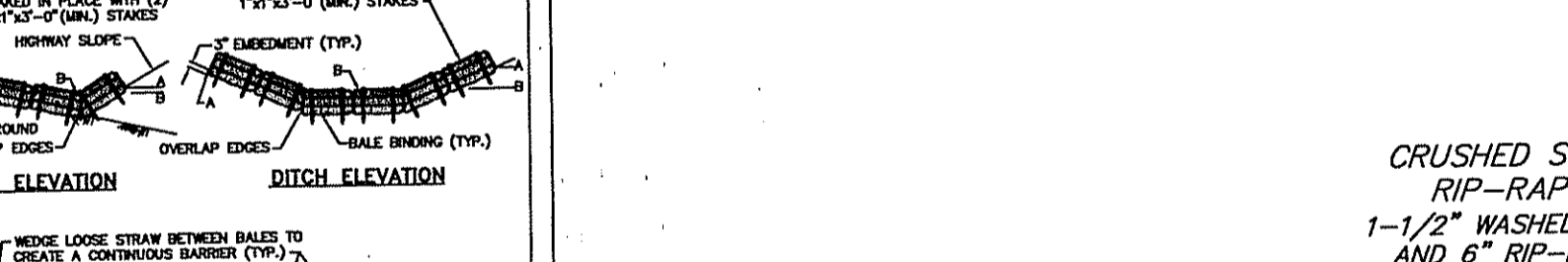
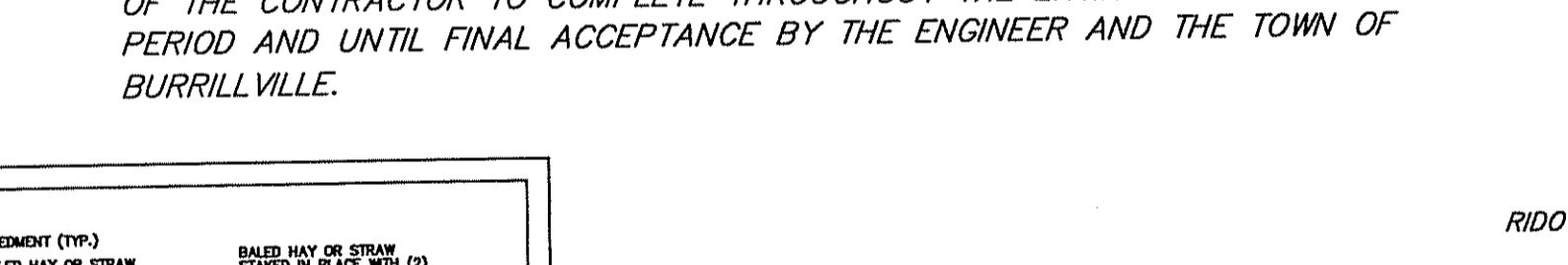
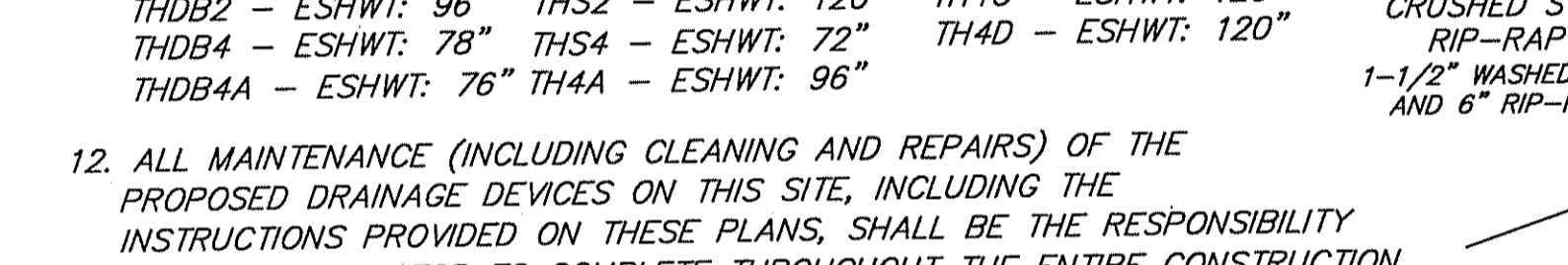
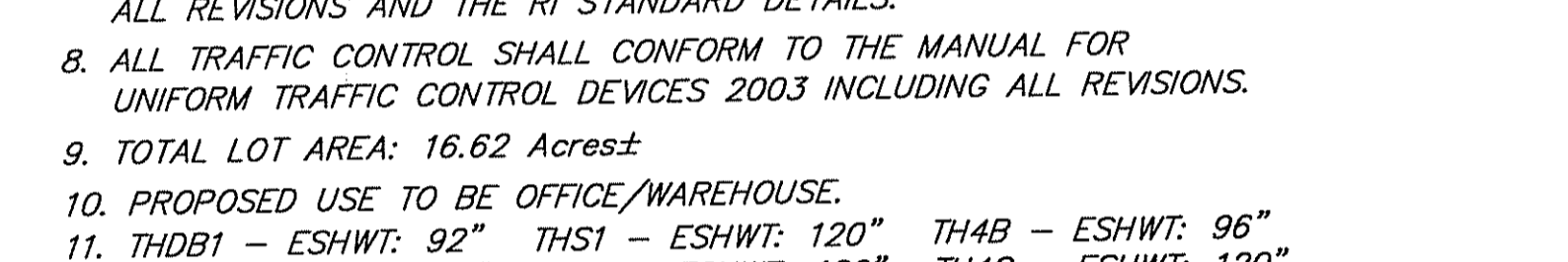
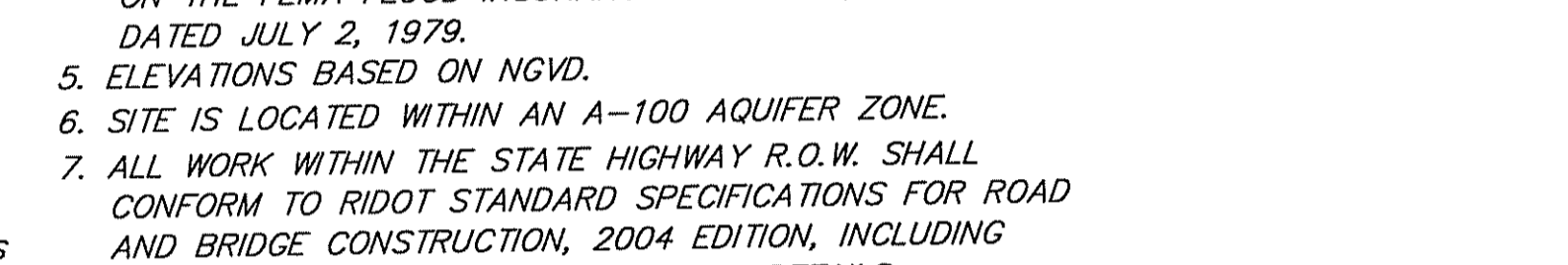
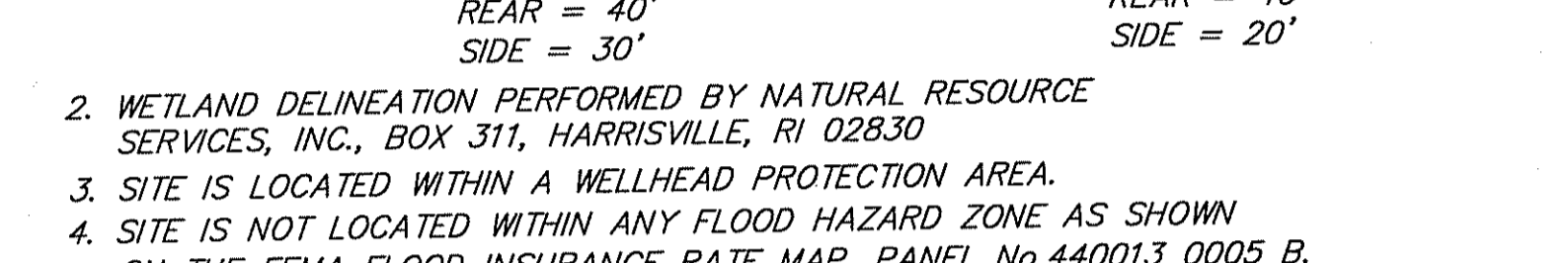
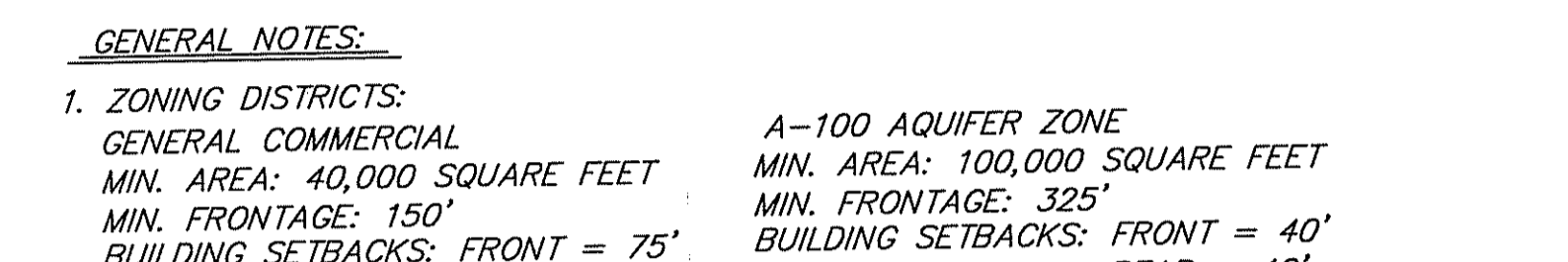
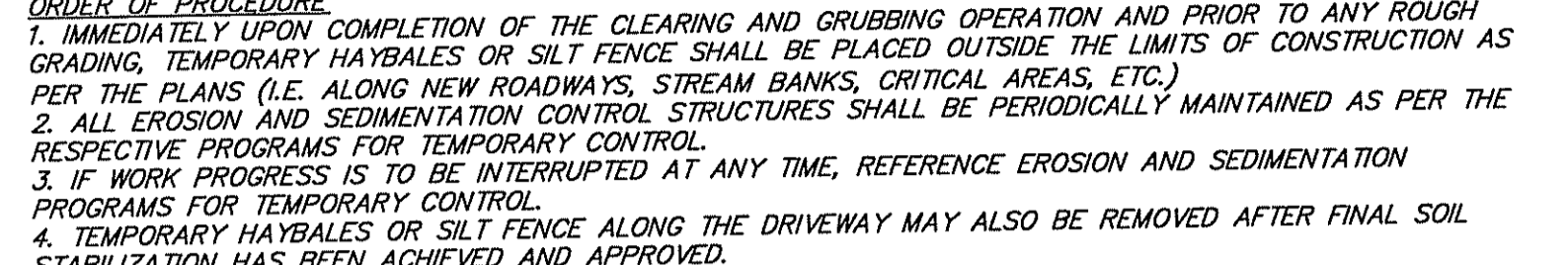
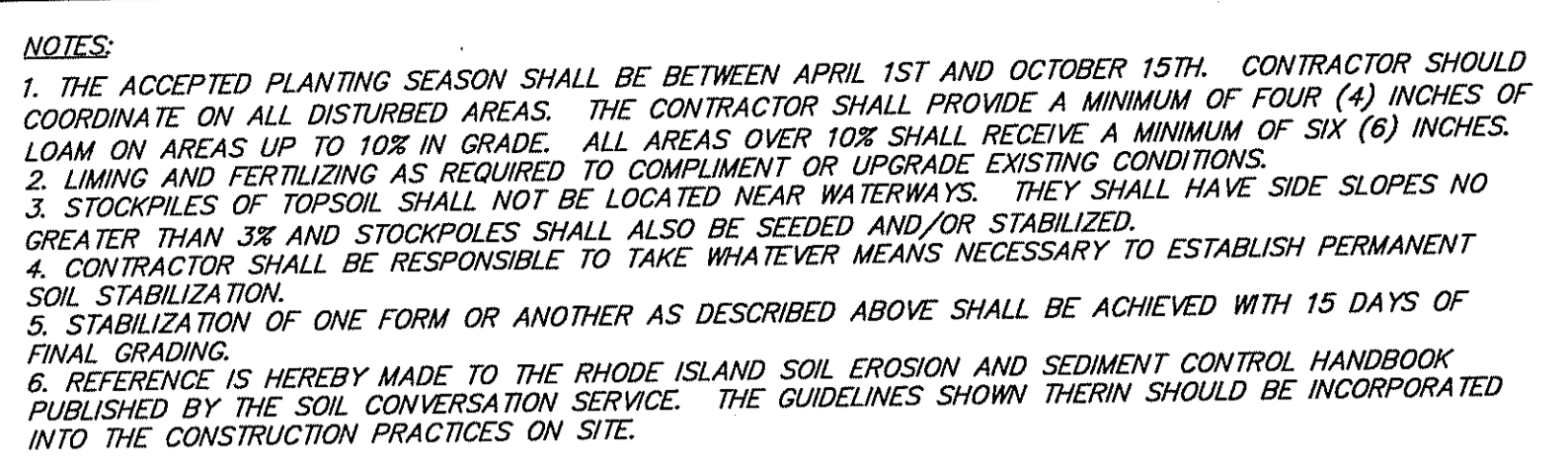
- ORDER OF PROCEDURE:**
- IMMEDIATELY UPON COMPLETION OF THE CLEARING AND GRUBBING OPERATION AND PRIOR TO ANY ROUGH GRADING, TEMPORARY HAYBALES OR SILT FENCE SHALL BE PLACED OUTSIDE THE LIMITS OF CONSTRUCTION AS PER THE PLANS (I.E. ALONG NEW ROADWAYS, STREAM BANKS, CRITICAL AREAS, ETC.)
  - ALL EROSION AND SEDIMENTATION CONTROL STRUCTURES SHALL BE PERIODICALLY MAINTAINED AS PER THE RESPECTIVE PROGRAMS FOR TEMPORARY CONTROL.
  - IF WORK PROGRESS IS TO BE INTERRUPTED AT ANY TIME, REFERENCE EROSION AND SEDIMENTATION PROGRAMS FOR TEMPORARY CONTROL.
  - TEMPORARY HAYBALES OR SILT FENCE ALONG THE DRIVEWAY MAY ALSO BE REMOVED AFTER FINAL SOIL STABILIZATION HAS BEEN ACHIEVED AND APPROVED.

- SWALE INSPECTION, MAINTENANCE & REPAIR:**
- IF WORK PROGRESS IS TO BE INTERRUPTED AT ANY TIME, REFERENCE EROSION AND SEDIMENTATION PROGRAMS FOR TEMPORARY CONTROL.
  - BASINS SHALL BE MOWED AT LEAST ONCE PER GROWING SEASON TO PREVENT ESTABLISHMENT OF WOODY GROWTH AND OTHER UDESIRABLE PLANTS THAT INHIBIT PROPER PERFORMANCE.
  - GRASS VEGETATION SHALL NOT BE CUT SHORTER THAN (4) INCHES.
  - BARE SPOTS AND ERODED AREAS WITHIN THE BASINS SHALL BE RESEED IMMEDIATELY FOLLOWING OBSERVATIONS TO PREVENT FAILURE OF SYSTEM.
  - BASINS SHALL BE INSPECTED ON A SEMI-ANNUAL BASIS. ALL TRASH AND OTHER LITTER SHALL BE REMOVED DURING INSPECTIONS.
  - SEDIMENTS SHALL BE REMOVED AT LEAST ONCE PER YEAR. ACCUMULATED SEDIMENTS MUST BE REMOVED MANUALLY TO PREVENT DAMAGE TO THE BASINS. RESEEDING MAY BE NECESSARY AFTER SEDIMENT REMOVAL OPERATIONS, ESPECIALLY IF EXCESSIVE DAMAGE IS DONE TO VEGETATION.
  - FOLLOWING THE COMPLETION OF THE CONSTRUCTION OF AP 114, LOT 44, SUB LOTS 1, 2 AND 4, THE STABILIZATION OF EACH SITE AND ACCEPTANCE BY THE ENGINEER, THE LONG-TERM MAINTENANCE OF ALL DRAINAGE STRUCTURES ON EACH SITE SHALL BE THE RESPONSIBILITY OF THE OWNER OF AP 114, LOT 44, SUBLOTS 1, 2 & 4. RESPONSIBILITY TRANSFERRING TO ANY NEW OWNERS IF AND WHEN LOTS ARE SOLD.
  - DURING THE FIRST YEAR OF OPERATION, SEDIMENTS SHALL BE COLLECTED FROM THE SWALE AND TESTED FOR HEAVY METALS AND ANY OTHER CONTAMINANTS, AT A MINIMUM, THREE (3) TIMES. IN THE EVENT THAT ANY CONTAMINANTS ARE FOUND IN THE SEDIMENT, THE TOWN OF BURRILLVILLE, AS WELL AS THE PROGRAM, SHALL BE NOTIFIED OF THESE RESULTS. THE OWNER OF THE AFFECTED LOT(S) SHALL BE RESPONSIBLE TO DETERMINE THE ACCEPTABLE LOCATION OF SEDIMENT DISPOSAL.
  - THE INSPECTION RECORDS OF ALL WORK CONDUCTED ON DRAINAGE DEVICES FOR EACH INDIVIDUAL SUB-LOT SHALL BE MAINTAINED BY THE OWNER OF EACH SUB-LOT FOR INSPECTION BY THE PROGRAM UPON REQUEST.

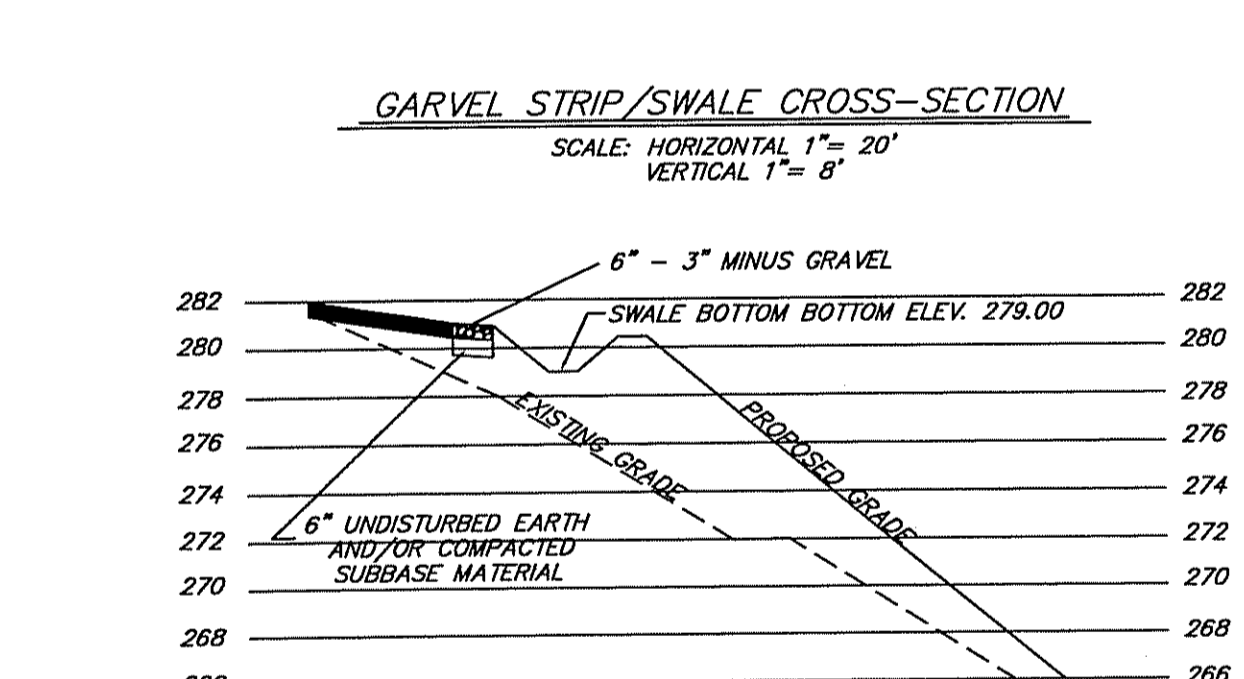
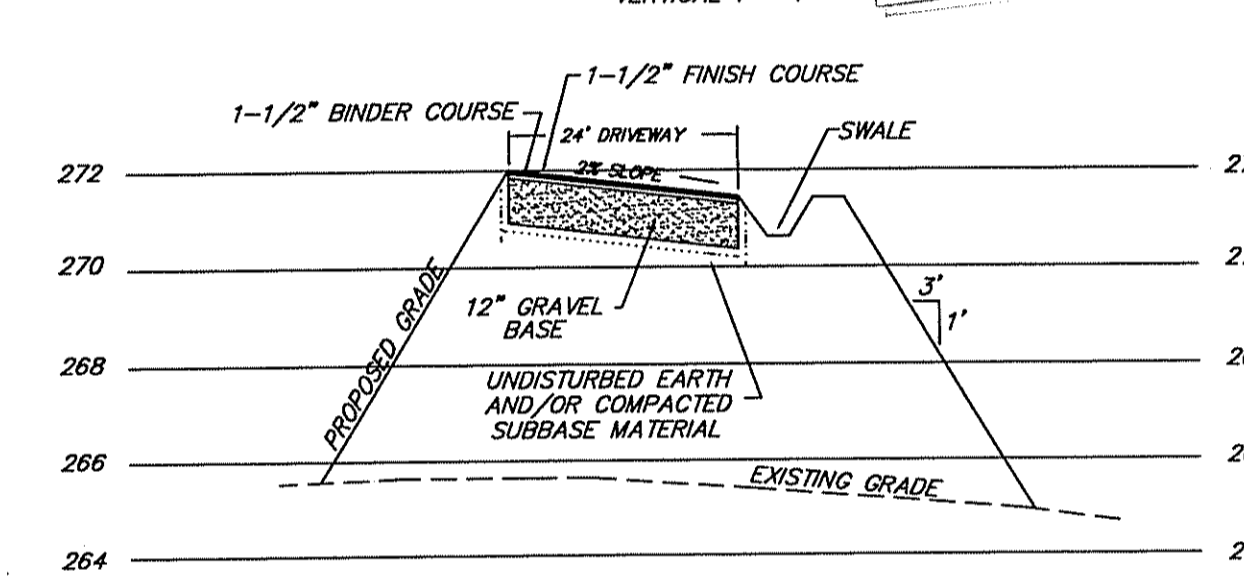
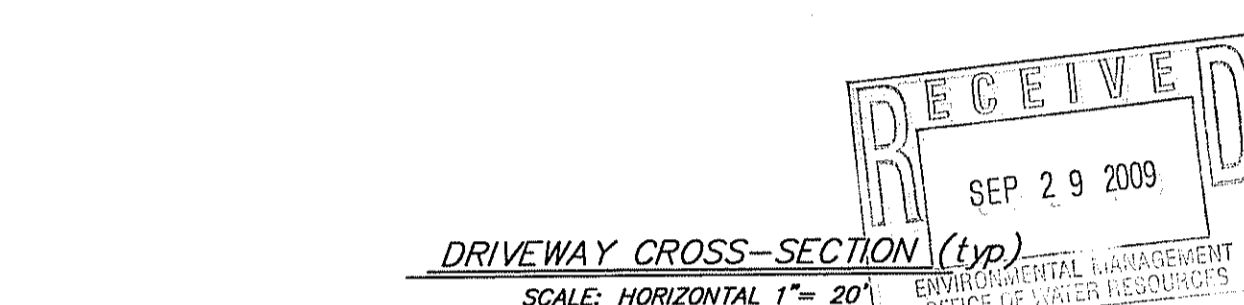
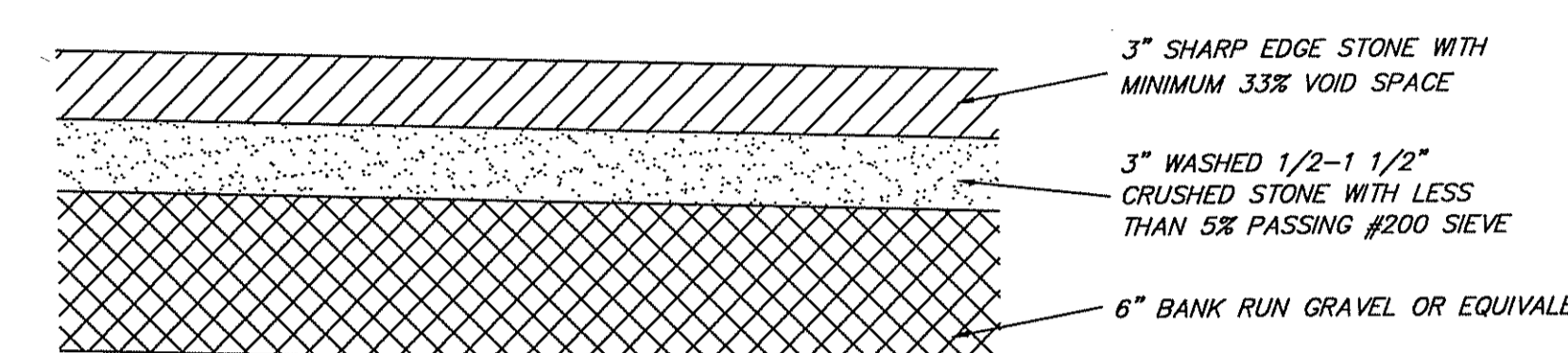
- BASIN INSPECTION, MAINTENANCE & REPAIR:**
- IF WORK PROGRESS IS TO BE INTERRUPTED AT ANY TIME, REFERENCE EROSION AND SEDIMENTATION PROGRAMS FOR TEMPORARY CONTROL.
  - BASINS SHALL BE MOWED AT LEAST ONCE PER GROWING SEASON TO PREVENT ESTABLISHMENT OF WOODY GROWTH AND OTHER UDESIRABLE PLANTS THAT INHIBIT PROPER PERFORMANCE.
  - GRASS VEGETATION SHALL NOT BE CUT SHORTER THAN (4) INCHES.
  - BARE SPOTS AND ERODED AREAS WITHIN THE BASINS SHALL BE RESEED IMMEDIATELY FOLLOWING OBSERVATIONS TO PREVENT FAILURE OF SYSTEM.
  - BASINS SHALL BE INSPECTED ON A SEMI-ANNUAL BASIS. ALL TRASH AND OTHER LITTER SHALL BE REMOVED DURING INSPECTIONS.
  - SEDIMENTS SHALL BE REMOVED AT LEAST ONCE PER YEAR. ACCUMULATED SEDIMENTS MUST BE REMOVED MANUALLY TO PREVENT DAMAGE TO THE BASINS. RESEEDING MAY BE NECESSARY AFTER SEDIMENT REMOVAL OPERATIONS, ESPECIALLY IF EXCESSIVE DAMAGE IS DONE TO VEGETATION.
  - FOLLOWING THE COMPLETION OF THE CONSTRUCTION OF AP 114, LOT 44, SUB LOTS 1, 2 AND 4, THE STABILIZATION OF EACH SITE AND ACCEPTANCE BY THE ENGINEER, THE LONG-TERM MAINTENANCE OF ALL DRAINAGE STRUCTURES ON EACH SITE SHALL BE THE RESPONSIBILITY OF THE OWNER OF AP 114, LOT 44, SUBLOTS 1, 2 & 4. RESPONSIBILITY TRANSFERRING TO ANY NEW OWNERS IF AND WHEN LOTS ARE SOLD.
  - THE CRUSHED STONE AND RIP-RAP LINE ENCIROLING THE BASIN'S TOP-OF-BERM SHALL BE INSPECTED SEMI-ANNUALLY AND SHALL BE REPAIRED AND/OR REPLACED IMMEDIATELY IF DAMAGED OR DETERIORATING.
  - DURING THE FIRST YEAR OF OPERATION, FOLLOWING THE COMPLETION OF THE PROJECT BY THE ENGINEER AND THE TOWN OF BURRILLVILLE, THE BASIN AND ALL STRUCTURES ASSOCIATED WITH ITS OPERATION (I.E. SWALES, ROOF DRAINS, RIP-RAP AREAS, BERM SPILLWAYS, ETC.) SHALL BE INSPECTED QUARTERLY, AT MINIMUM, ESPECIALLY AFTER LARGE RAINFALL EVENT, TO ENSURE PROPER STABILIZATION AND FUNCTION.
  - IF STANDING WATER IS FOUND IN THE INFILTRATION BASIN MORE THAN 3 DAYS AFTER A RAINFALL EVENT, THE BASIN SHALL BE DETERMINED TO BE FAILED, AND THE OWNER OF SAID LOT SHALL BE RESPONSIBLE TO HAVE THE BASIN INSPECTED BY A RI - REGISTERED PROFESSIONAL ENGINEER AND REPAIRED/REPLACED IMMEDIATELY.

- GRAVEL STRIP MAINTENANCE:**
- THE PROPOSED GRAVEL STRIP, LOCATED BETWEEN THE PARKINGLOT AND THE DRAINAGE SWALE, SHALL BE INSPECTED TWICE PER YEAR. THE STRIP SHALL BE REPAIRED AND REGRADED IMMEDIATELY TO MATCH THE ORIGINAL DESIGN IF FOUND TO BE ERODING OR IN DISREPAIR. ALL SEDIMENT, TRASH AND DEBRIS SHALL BE REMOVED IMMEDIATELY.
  - NO VEGETATION SHALL BE ALLOWED TO GROW WITHIN THIS GRAVEL AREA. HOWEVER, AT NO TIME SHALL ANY PESTICIDES, OR ANY SIMILAR PRODUCT, BE USED TO REMOVE VEGETATION.

- PAVEMENT SURFACE MAINTENANCE:**
- THE PROPOSED PAVEMENT SURFACE SHALL BE SWEEPED FOUR (4) TIMES PER YEAR. SEDIMENT COLLECTED DURING SWEEPING OPERATIONS SHALL BE DISPOSED OF OFF-SITE IN AN APPROPRIATE LOCATION.
  - ROAD DE-ICING AGENTS (SALT) SHALL NOT BE USED ON THE PAVED PARKING SURFACES. TIME SHALL ANY PESTICIDES, OR ANY SIMILAR PRODUCT, BE USED TO REMOVE VEGETATION.



**GRAVEL PARKING DETAIL**  
NOT TO SCALE



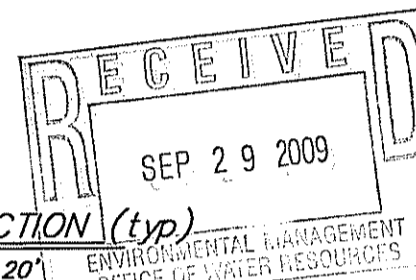
**DETAIL SHEET FOR O'KEEFE PROPERTIES, LLC**

ASSESSOR'S PLAT 114, LOT 59  
VICTORY HIGHWAY  
BURRILLVILLE, RHODE ISLAND  
AUGUST, 2009  
SCALE: 1" = 40'  
SHEET 2 OF 2  
SCALE AS NOTED

MARC N. NYBERG  
NO. 1797  
PROFESSIONAL LAND SURVEYOR

JEFFREY S. DAVIS, PE  
FOR DRAINAGE ONLY  
30 MONTAUK AVENUE  
NARRAGANSETT, RI 02882

MARC N. NYBERG ASSOCIATES, INC.  
LAND SURVEYORS AND PLANNERS  
501 GRETCH ROAD, UNIT 104  
TEL. SMITHFIELD, RHODE ISLAND 02896  
RI. (401) 762-2870 FAX. (401) 762-2871



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
AS SPECIFIED IN THE LETTER OF APPROVAL  
DATE: OCT 28 2009 FILE # 07-0251  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE IN THE OFFICE OF THE ENGINEER