

EROSION AND SEDIMENT CONTROL NOTES

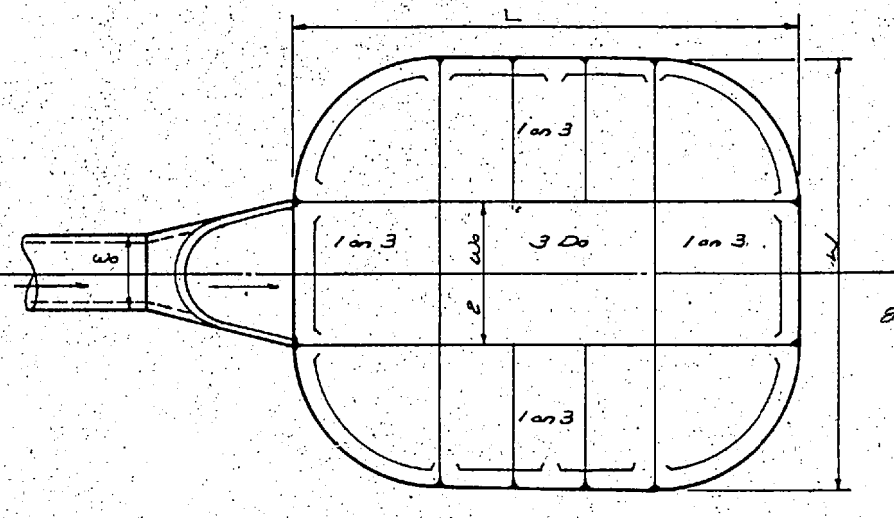
- All work to be done in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey.
- All sediment and erosion control practices to be installed prior to any major soil disturbance, or in their proper sequence, and maintained until permanent protection is established.
- Any disturbed areas that will be left exposed more than 30 days and not subject to construction traffic, will immediately receive a temporary seeding. If the season prevents the establishment of a temporary cover, the disturbed areas will be mulched with straw, or equivalent material at a rate of 2 tons per acre, according to the State Standards.
- Permanent vegetation to be seeded or sodded on all exposed areas within 10 days after final grading, which to be used as necessary for protection until seeding is established.
- All required permits shall be obtained prior to start of construction and installation of soil erosion and sediment control procedures.
- The Soil Erosion and Sediment Control Procedures detailed on this plan shall be strictly followed to minimize impact on all adjacent properties during and after construction.
- All temporary earth diversion berms and barricaded inlets to be maintained in place until all areas contributing runoff have been stabilized.
- Stone access protection to be maintained in place until roadway sub-base has been installed.
- A sub-base course will be applied immediately following rough grading and installation of improvements in order to stabilize streets.
- Roadway embankments to be maintained in rough grade and temporarily stabilized until permanent stabilization can be accomplished.
- In accordance with the Standard for Permanent Vegetative Cover for Soil Stabilization, any soil having a pH of 4 or less or containing iron sulfides, shall be covered with a minimum of 12 inches of soil having a pH of 5 or more prior to seeded preparation.
- The Freehold Soil Conservation District shall be notified 72 hours in advance of any land disturbing activity.

SEQUENCE OF CONSTRUCTION AND INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL MEASURES

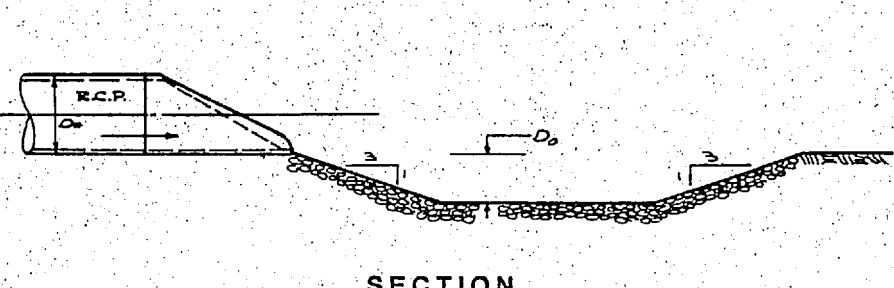
- Establish rough grades and install temporary access protection.
- Install sanitary sewers.
- Construct storm drainage system and surround all inlets with inlet protection.
- Install water and all other required utilities.
- Construct buildings.
- Remove inlet protection, temporary access protection, install concrete curbs and pave roadway and parking areas.
- Establish permanent vegetative cover and final landscaping.
- A sub-base course will be applied immediately following rough grading and installation of improvements in order to stabilize parking areas.
- Immediately following initial disturbance or rough grading, all critical areas subject to erosion (i.e. steep slopes) will receive a temporary seeding in combination with straw mulch or a suitable equivalent, at a rate of 2 tons per acre, according to State Standards.

SEEDING SCHEDULE

- Permanent seeding shall consist of the following mixture or approved equivalent:
 - Rebel Tall Fescue @ 4.0#/1000 S.F.
 - Cheviings Red Fescue @ 2.0#/1000 S.F.
 - Creeping Red Fescue @ 2.0#/1000 S.F.
 - Perennial Ryegrass @ 2.0#/1000 S.F. (Manhattan Variety)
- Temporary seeding shall consist of either Weeping Lovegrass @ 5.0#/1000 S.F. or Annual Ryegrass @ 10.0#/1000 S.F.
- Mulch shall be small-grain straw or salt hay applied at a rate of 1.5 to 2 tons per acre, spread uniformly at 70 to 90 pounds per 1000 square feet mechanically secured to a depth of 2" or more or anchored with emulsified asphalt liquid mulch binder applied at a rate of 200 gal./acre.
- Fertilizer for the establishment of temporary and permanent vegetative cover shall be 36-0-8 ureaformaldehyde or equivalent, applied at the manufacturer's recommended rate. Limestone for temporary seedings shall be applied at a rate of 90#/1000 S.F. Limestone for permanent seedings shall be applied at a rate of 135#/1000 S.F.



PLAN



SECTION

PREFORMED SCOUR HOLE DETAIL

INLETS LOCATED IN GRASSED OR LANDSCAPED AREAS TO BE BARRICADED WITH 5/8" EXTERIOR GRADE PLYWOOD & TO REMAIN IN PLACE UNTIL ALL DISTURBED AREAS ARE STABILIZED (TYPICAL)

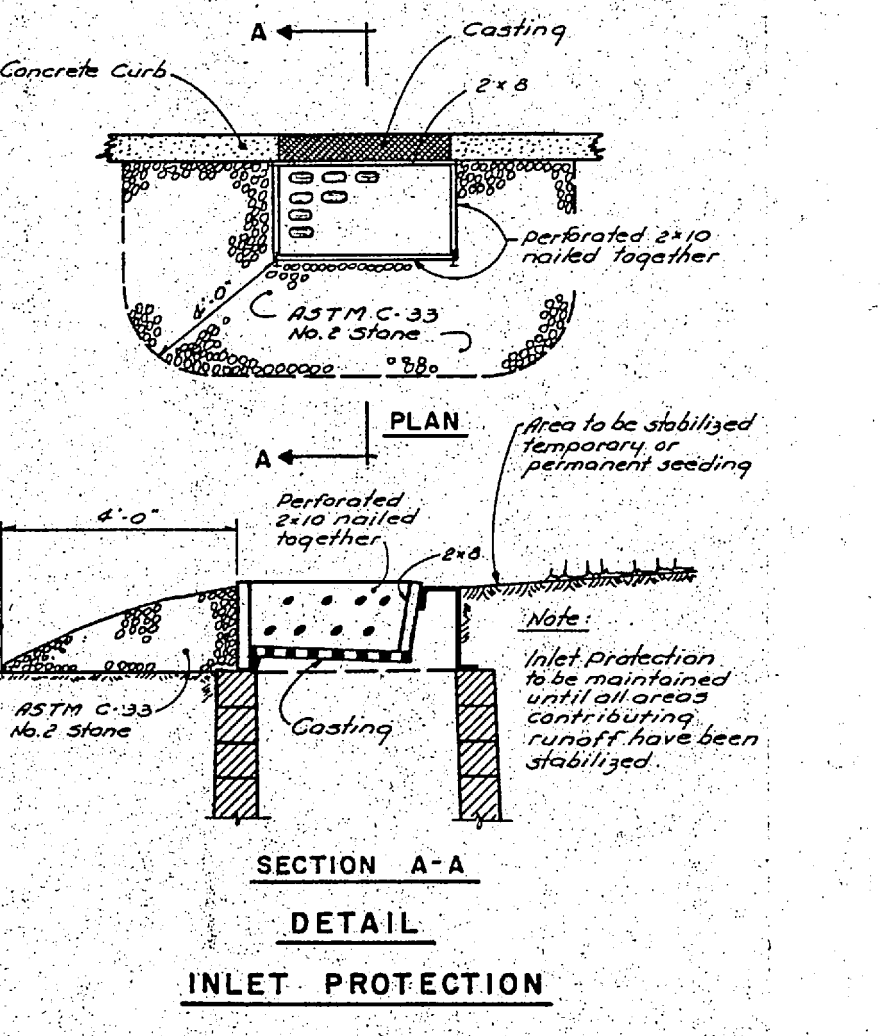
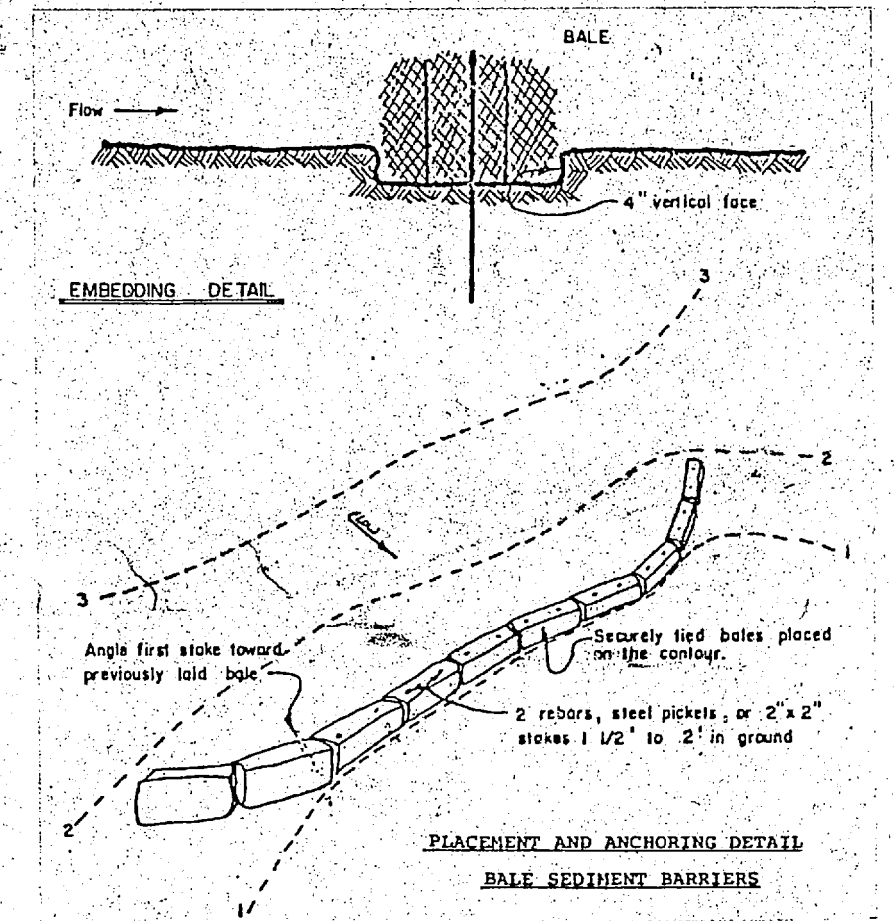
NOTE:
Typical Foundation Footprint for Townhouse Style Condominium. Outline Building Envelope For Townhouse Style Condominium Limits of Building Hereon Represent Exterior Limits of Foundation. Actual Unit Mix and Foundation Design to be Determined Based Upon a Sales-Maps To be Prepared on a Section-By-Section Basis.

TEMPORARY EARTH COFFERDAM TO REMAIN IN PLACE DURING CONSTRUCTION OF CULVERT

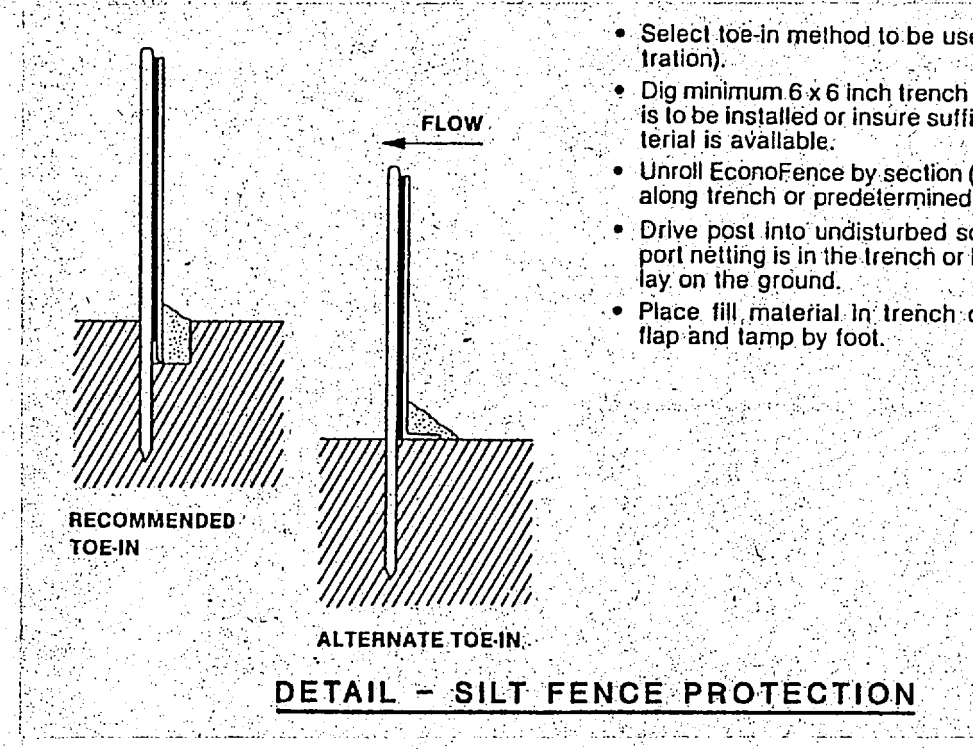
PREFORMED SCOUR HOLE WITH 6" RIP-RAP FOR DETAIL SEE SHEET S4 OF S4

TEMPORARY HAY-BALE BARRICADE OR SILT FENCE TO BE CONSTRUCTED AT TOE OF SLOPE PRIOR TO PLACEMENT OF FILL MATERIALS

INSTALL TEMPORARY STONE INLET PROTECTION AROUND ALL STORM SEWER INLETS LOCATED IN PAVED AREAS (TYPICAL)

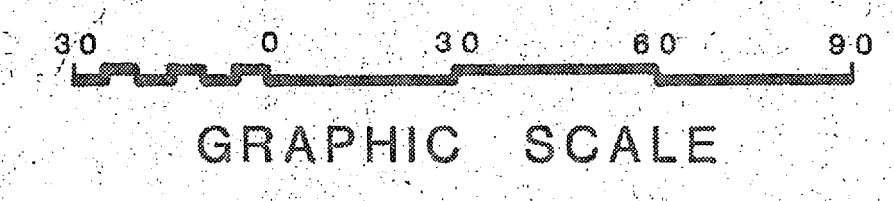


SECTION A-A DETAIL INLET PROTECTION



DETAIL - SILT FENCE PROTECTION

SEE SHEET S-4 OF S-4 FOR SOIL EROSION AND SEDIMENT CONTROL NOTES, SEEDING SCHEDULE, SEQUENCE OF CONSTRUCTION & DETAILS



THIS DRAWING ONLY VALID FOR CONSTRUCTION OF SOIL EROSION & SEDIMENT CONTROL. ALL OTHER DATA FOR INFORMATION PURPOSES ONLY.

I hereby certify that this plan was prepared under my supervision.

Alan R. Veverka
ALAN R. VEVERKA P.E. Lic. #23708

SOCIETY HILL AT PISCATAWAY TOWNSHIP OF PISCATAWAY MIDDLESEX COUNTY, NEW JERSEY

SOIL EROSION & SEDIMENT CONTROL PLAN

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JOB NO. 83-570	SCALE 1" = 30'	DATE	SHEET
SIGNED	DESIGN DRAWN	CHECK	S4 OF S4

Rev.	Date	Description

Contractor to install temporary by-pass pipes or channel diversion during construction of culvert depending upon construction sequence. Proposed plan for maintenance of flow in existing streams during construction shall be submitted for approval prior to the start of construction.

SEE MATCH LINE THIS SHEET

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BLOCK 743

BLOCK 743

BLOCK 744-A

BLOCK 744-A