

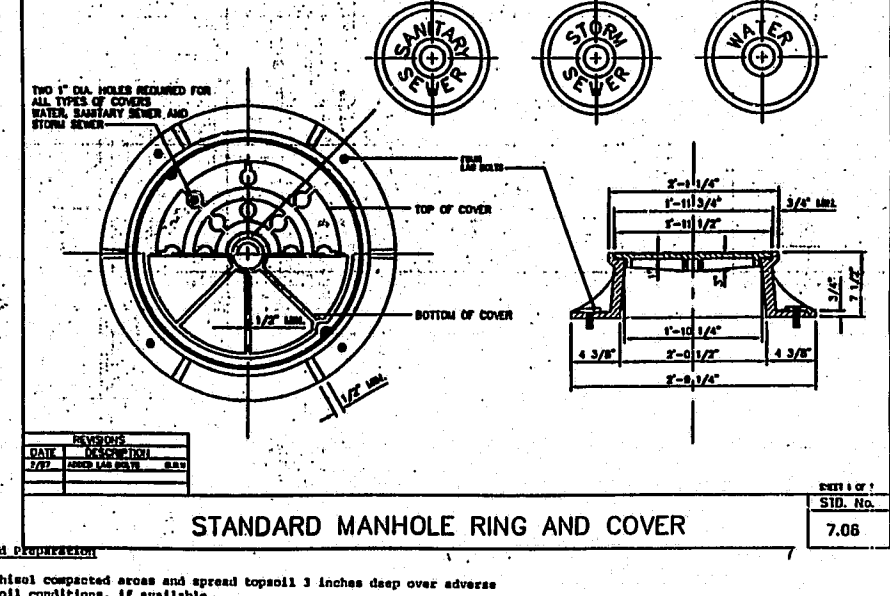
**MINIMUM CONCRETE BLOCKING (C.Y.)**

HOLE PIPE DIA. (IN.)	12" x 12" x 16" (4' x 4')	12" x 12" x 20" (4' x 6')	12" x 12" x 24" (4' x 8')	12" x 12" x 28" (4' x 10')	12" x 12" x 32" (4' x 12')
4"	1/3	1/3	1/3	1/3	1/3
6"	1/3	1/3	1/3	1/3	1/3
8"	1/3	1/3	1/3	1/3	1/3
10"	2/3	2/3	1/3	1/3	1/3
12"	2/3	1.0	2/3	1/3	1/3
14"	1.0	1-1/2	3/4	1/2	1/3
18"	1-1/2	2.0	1.0	1/2	1/3
20"	1-3/4	2-1/2	1-1/2	3/4	1/3
24"	3.0	3.0	1-3/4	3/4	1/3

CONCRETE SHALL BE 3000 P.S.I. MIN.

**STANDARD REACTION BLOCKING**

STD. No. 6.12



**CONSTRUCTION SEQUENCE**

The construction sequence on projects shall be as follows:

- Obtain grading permit;
- Install all erosion control measures as shown;
- Obtain certificate of compliance through on-site inspection by Town Environmental Inspector;
- Proceed with grading;
- Clean sediment basins when one-half full;
- Seed and mulch denuded area within thirty (30) days after finished grades are established;
- Maintain soil erosion control measures until permanent ground cover is established;
- Request final approval by Town Environmental Inspector;
- Remove soil erosion control measures and stabilize these areas.

**Soil Conservation**

- Initial compacted areas and spread topsoil 3 inches deep over adverse soil conditions, if available.
- Rip the entire area to 6 inches depth.
- Remove all loose rock, roots, and other obstructions leaving surface reasonably smooth and uniform.
- Apply agricultural lime, fertilizer, and superphosphate uniformly and mix with soil (see below).
- Continue tillage until a well-pulverized, firm, reasonably uniform seedbed is prepared 4 to 6 inches deep.
- Seed on a freshly prepared seedbed and cover seed lightly with seeding container or cultivator after sowing.
- Mulch immediately after seeding and anchor mulch.
- Inspect all seeded areas and make necessary repairs or reseedings within the planting season, if possible. If stand should be over 60% damaged, reestablish following original lime, fertilizer and seeding rates.
- Consult Conservation Inspector on maintenance treatment and fertilization after permanent cover is established.

\* Apply: Agricultural Limestone - 2 tons/acre (3 tons/acre in clay soils)  
Fertilizer - 1,000 lbs./acre - 10-10-10  
Superphosphate - 300 lbs./acre - 10% analysis  
Mulch - 2 tons/acre - small grade straw  
Anchor - Asphalt Emulsion @ 300 gals./acre

**SHOULDERS, SIDE DITCHES, SLOPES**

(Mar. 31)

DATE	TYPE	PLANTING RATE
August 15 - November 1	Tall Fescue	300 lbs/acre
November 1 - March 1	Tall Fescue and Abruzzi Ryegrass	300 lbs/acre
March 1 - April 15	Tall Fescue	300 lbs/acre
April 15 - June 30	Hulled Common Bermudagrass	25 lbs/acre
July 15 - August 15	Tall Fescue and ****Kentucky Bluegrass	35 lbs/acre

Consult Erosion Control Engineer or Soil Conservation Service for additional information concerning other alternatives for vegetation of denuded areas. The above vegetation rates are those which do well under local conditions; other seeding rate combinations are possible.

\*\*\*TEMPORARY - Reseed according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12 inches in height before mowing, otherwise fescue may be shaded out.

**SHOULDERS, SIDE DITCHES, SLOPES**

Slopes (3:1 to 2:1)

DATE	TYPE	PLANTING RATE
March 1 - June 1	Seeds (Scarified)	50 lbs/acre
March 1 - April 15	Add Tall Fescue	120 lbs/acre
March 1 - June 30	Add Weeping Lovegrass	10 lbs/acre
March 1 - June 30	Add Hulled Common Bermudagrass	25 lbs/acre
June 1 - September 1	****Tall Fescue and ****Kentucky Bluegrass	120 lbs/acre
September 1 - March 1	Seeds (Scarified) and Tall Fescue	120 lbs/acre

Consult Erosion Control Engineer or Soil Conservation Service for additional information concerning other alternatives for vegetation of denuded areas. The above vegetation rates are those which do well under local conditions; other seeding rate combinations are possible.

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