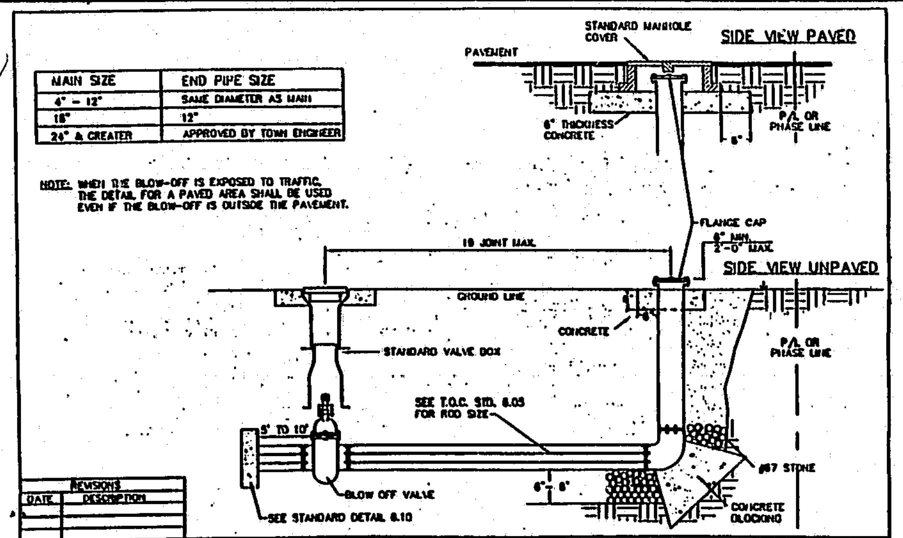
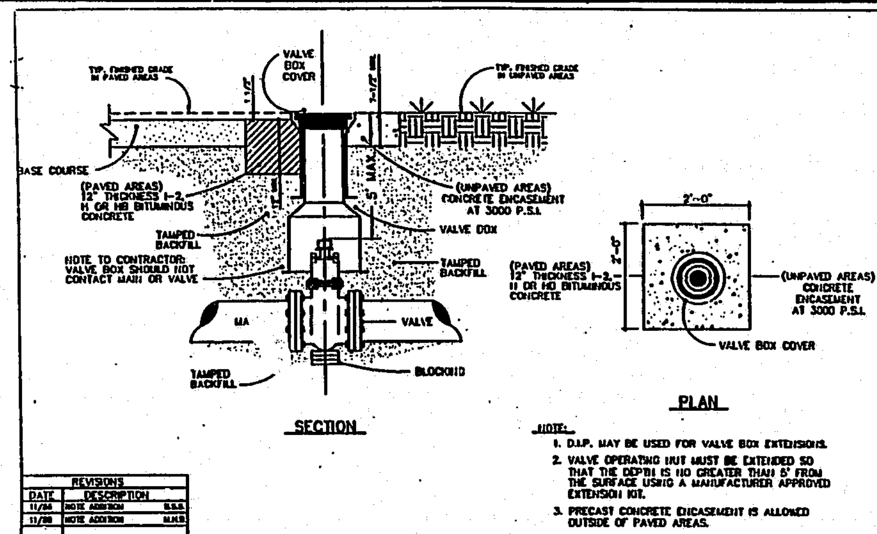
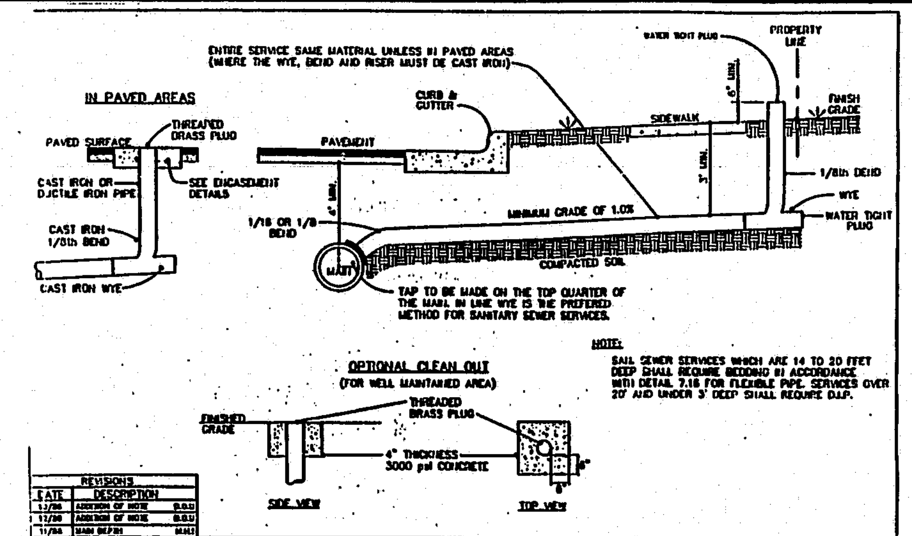


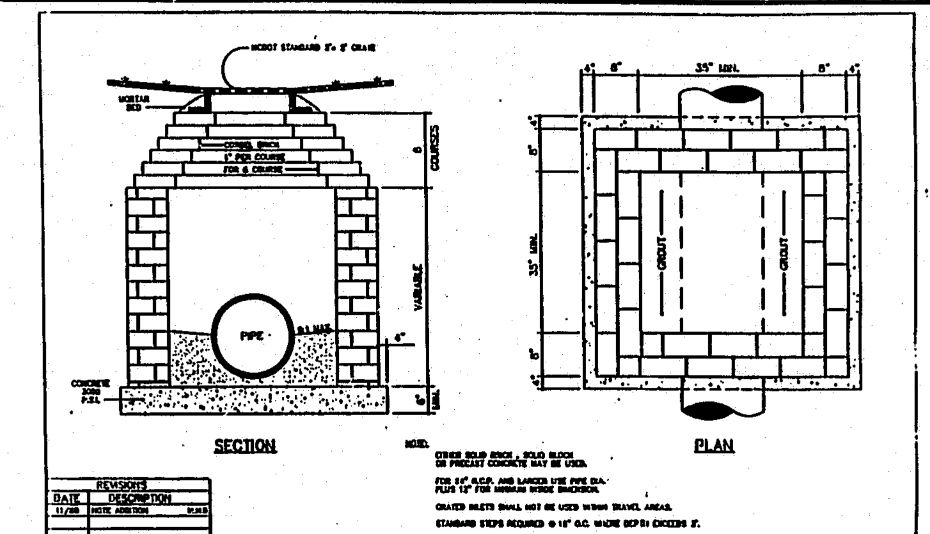
STANDARD BLOW-OFF ASSEMBLY — STD. No. 6.04



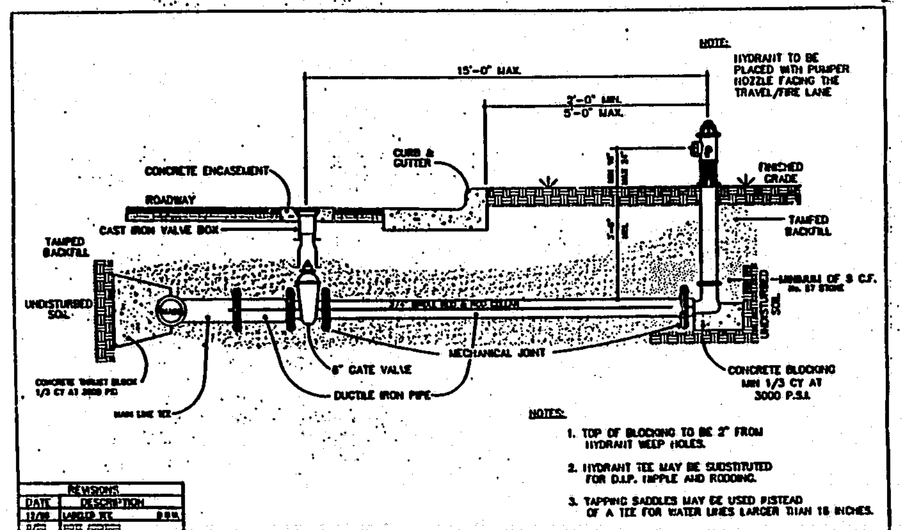
STANDARD VALVE BOX INSTALLATION — STD. No. 6.08



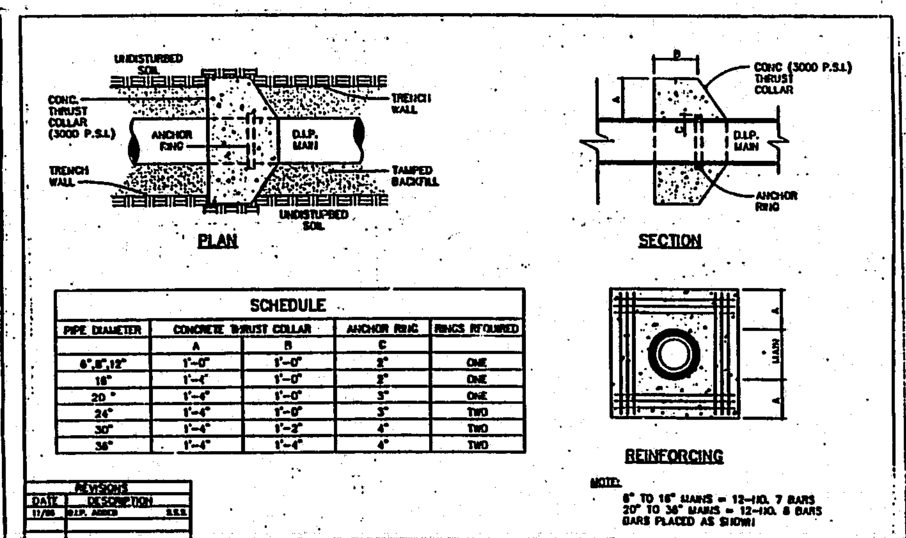
STANDARD SANITARY SEWER TAP AND SERVICE — STD. No. 7.01



STANDARD YARD INLET WITH GRATE AND FRAME — STD. No. 8.02

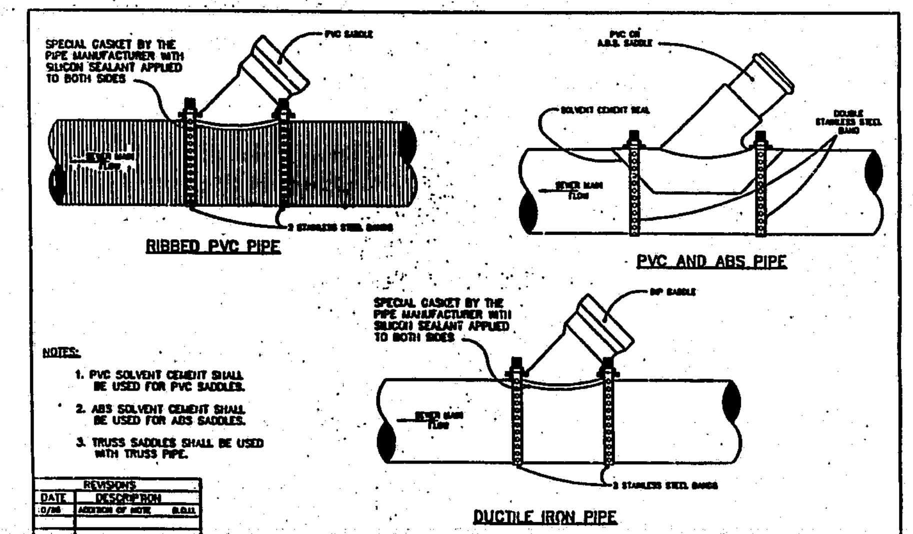


STANDARD HYDRANT INSTALLATION — STD. No. 6.06

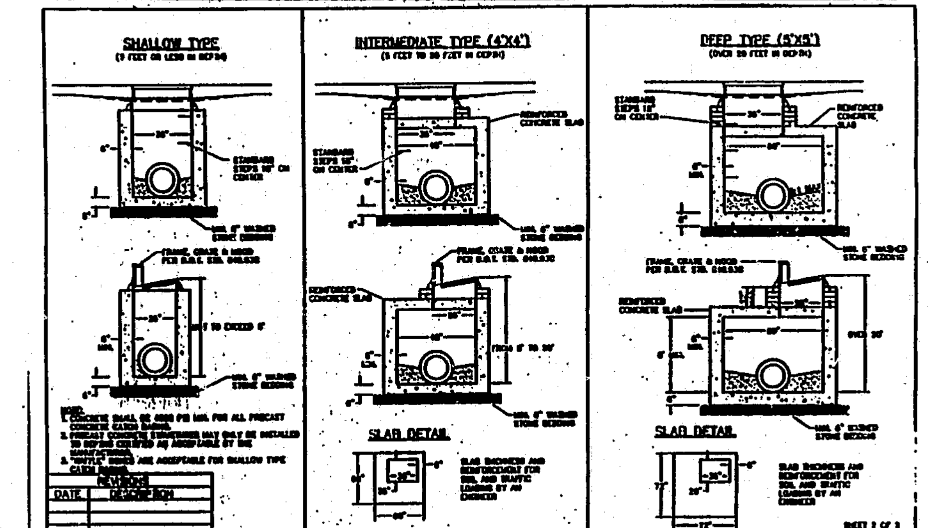


SCHEDULE				
PIPE DIAMETER	CONCRETE THRUST COLLAR		ANCHOR RING	RINGS REQUIRED
	A	B	C	
6",8",12"	1'-0"	1'-0"	2"	ONE
16"	1'-4"	1'-0"	2"	ONE
20"	1'-4"	1'-0"	3"	ONE
24"	1'-4"	1'-0"	3"	TWO
30"	1'-4"	1'-2"	4"	TWO
36"	1'-4"	1'-4"	4"	TWO

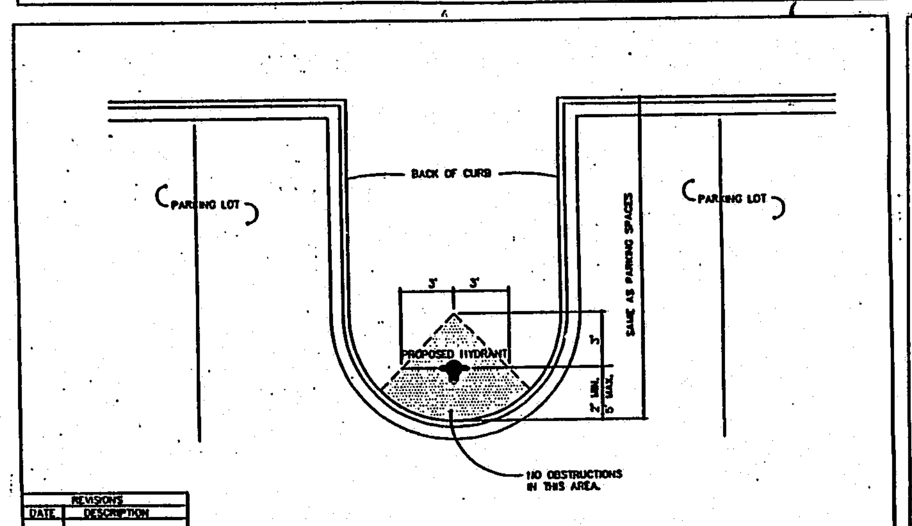
STANDARD THRUST COLLAR INSTALLATION — STD. No. 6.10



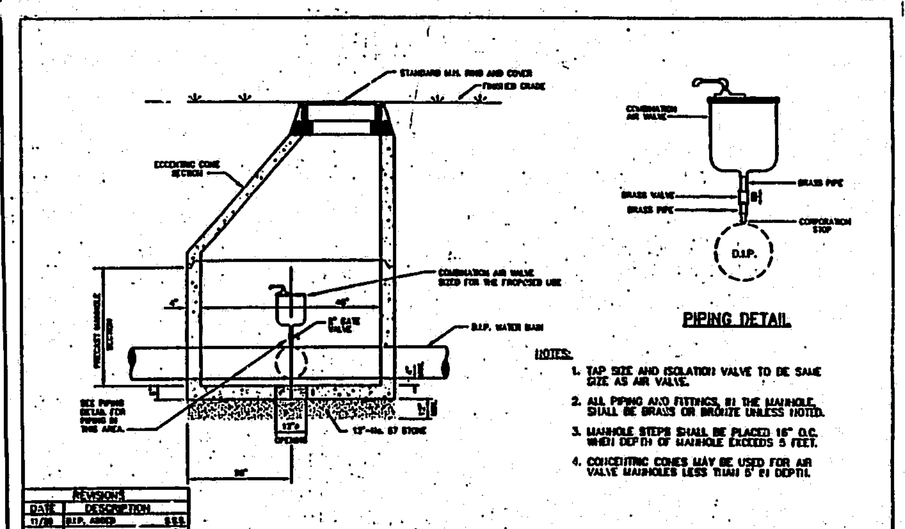
STANDARD SANITARY SEWER LATERAL CONNECTIONS — STD. No. 7.02



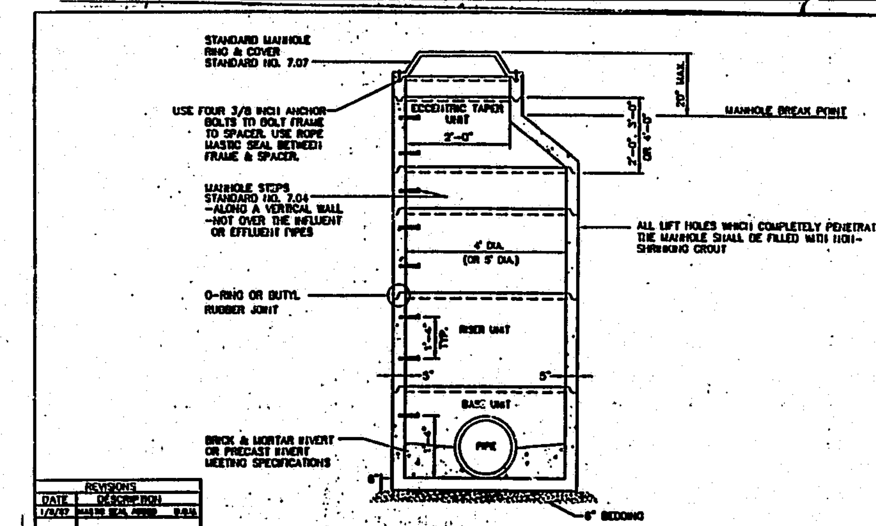
PRECAST CONCRETE CATCH BASIN — STD. No. 8.03



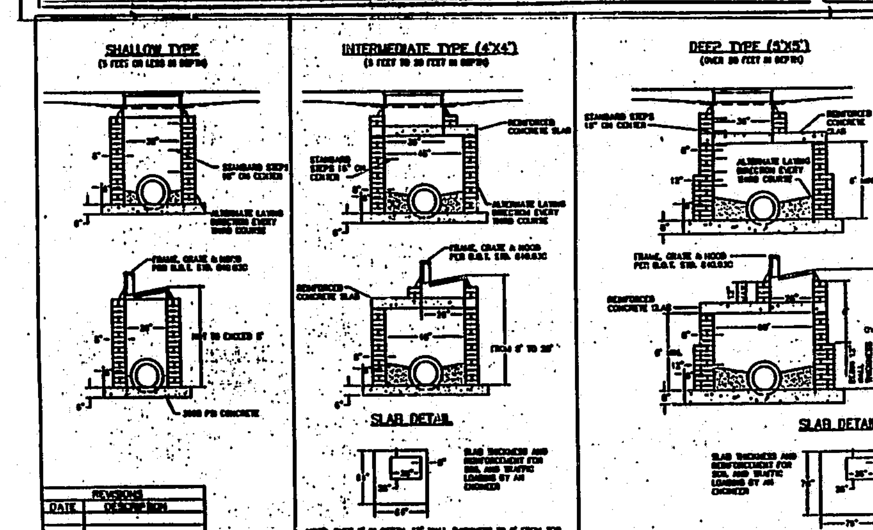
STANDARD HYDRANT LOCATION (FOR PARKING LOT) — STD. No. 6.07



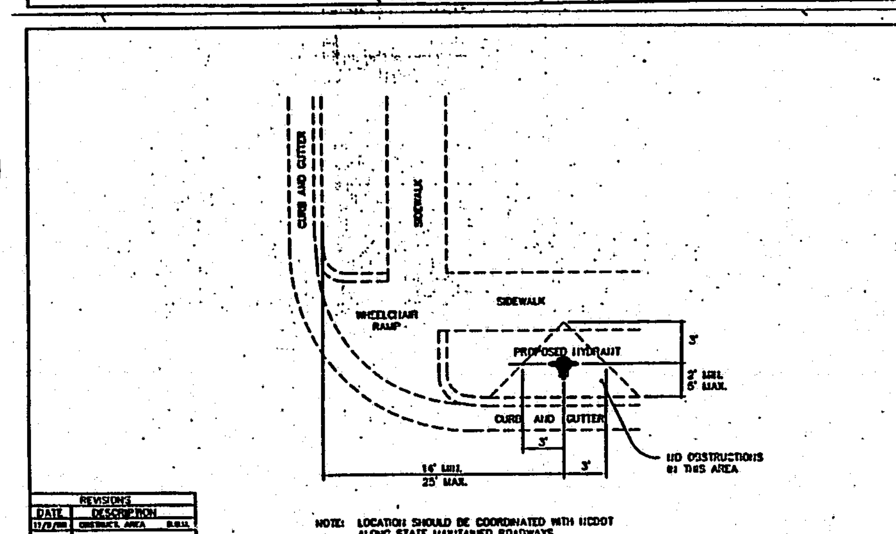
STANDARD COMBINATION AIR VALVE MANHOLE FOR WATER MAINS, TYPE 1 — STD. No. 6.11



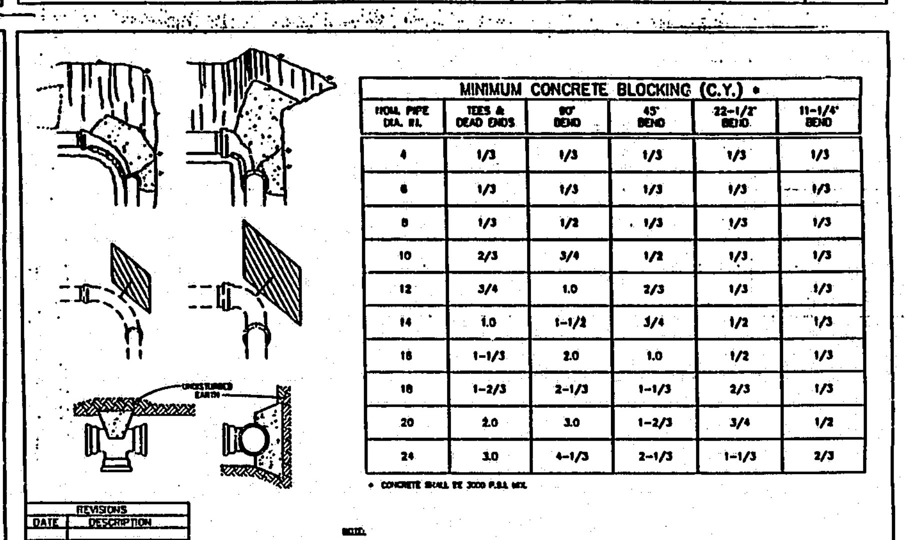
STANDARD PRECAST CONCRETE MANHOLE — STD. No. 7.03



CONCRETE BLOCK OR BRICK CATCH BASIN — STD. No. 8.03



STANDARD HYDRANT LOCATION — STD. No. 6.07

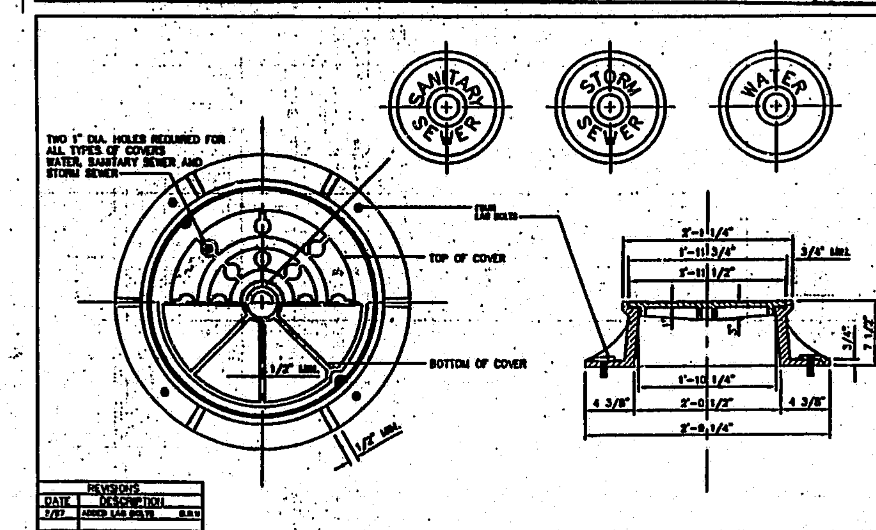


MINIMUM CONCRETE BLOCKING (C.Y.) *					
NOM. PIPE DIA. IN.	TEES & DEAD ENDS	90° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND
4	1/3	1/3	1/3	1/3	1/3
6	1/3	1/3	1/3	1/3	1/3
8	1/3	1/2	1/3	1/3	1/3
10	2/3	3/4	1/2	1/3	1/3
12	3/4	1.0	2/3	1/3	1/3
14	1.0	1-1/2	3/4	1/2	1/3
16	1-1/3	2.0	1.0	1/2	1/3
18	1-2/3	2-1/3	1-1/3	2/3	1/3
20	2.0	3.0	1-2/3	3/4	1/2
24	3.0	4-1/3	2-1/3	1-1/3	2/3

* CONCRETE SHALL BE 3000 P.S.I. MIX

NOTE:
NO CONCRETE SHALL COVER BOLTS OR CLAMPS.

STANDARD REACTION BLOCKING — STD. No. 6.12



STANDARD MANHOLE RING AND COVER — STD. No. 7.08

CONSTRUCTION SEQUENCE

The construction sequence on projects shall be as follows:

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

Seedbed Preparation

1.) Chisel compacted areas and spread topsoil 3 inches deep over adverse soil conditions, if available.

2.) Rip the entire area to 6 inches depth.

3.) Remove all loose rock, roots, and other obstructions leaving surface reasonably smooth and uniform.

4.) Apply agricultural lime, fertilizer, and superphosphate uniformly and mix with soil (see below*).

5.) Continue tillage until a well-pulverized, firm, reasonably uniform seedbed is prepared 4 to 6 inches deep.

6.) Seed on a freshly prepared seedbed and cover seed lightly with seeding equipment or cultipack after seeding.

7.) Mulch immediately after seeding and anchor mulch.

8.) 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.

9.) 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 - 500 lbs./acre - 20% analysis
Mulch - 2 tons/acre - small grain straw
Anchor - Asphalt Emulsion @ 300 gals./acre

SHOULDERS, SIDE DITCHES, SLOPES

(Max. 3:1)

DATE	TYPE	PLANTING RATE
August 15 - November 1	Tall Fescue	300 lbs/acre
November 1 - March 1	Tall Fescue and Abruzzi Rye	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 ***Browntop Millet	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	Sericea Lespedeza (scarified) and	50 lbs/acre
March 1 - April 15	Add Tall Fescue or	120 lbs/acre
March 1 - June 30	Add Weeping Lovegrass or	10 lbs/acre
March 1 - June 30	Add Hulled Common Bermudagrass	25 lbs/acre
June 1 - September 1	***Tall Fescue and ***Browntop Millet ***or Sorghum-Sudan Hybrids	120 lbs/acre 25 lbs/acre 30 lbs/acre
September 1 - March 1	Sericea Lespedeza (unhulled-Unscarified) and Tall Fescue Add Abruzzi Rye	70 lbs/acre 120 lbs/acre 25 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.

Town of Cary Standard Details

HUGH J. GILLEECE & ASSOC.
875 WALNUT STREET SUITE 350 CARY N.C. 27511 (919) 469-1101

REVISONS: July 93

DESIGNER	DATE
DRAWN BY	SCALE
CHECKED BY	JOB NO.

SHEET D 2 OF