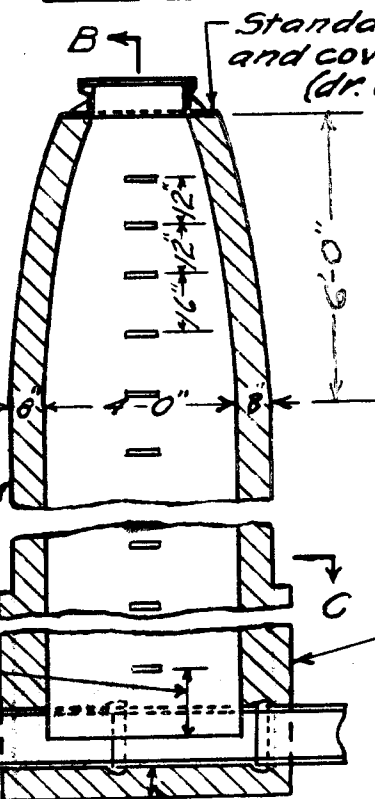


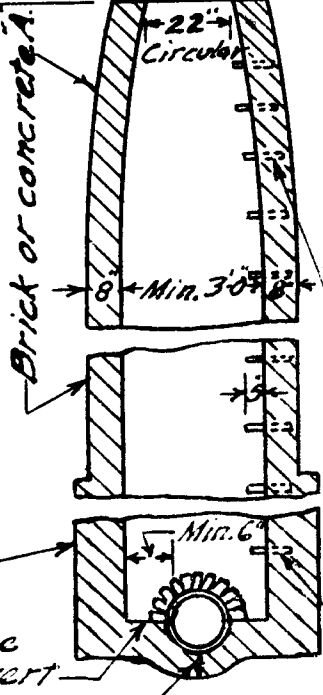
Plaster outside brick manholes
with 1/4" (min.) mortar.

Sect. C-C



Standard manhole frame
and cover - see dwg. No. 08154,
(dr. 84, sh. 4).

Manholes over 12' deep
to have 12" walls below
point 8' below cover.
All manholes to have
12" walls up to 6" over pipe.



Cast iron steps, plan 07410 (90/136), top
step 16" to 24" below top of cover and
projecting 4", others spaced not more
than 16", project 5". All set as directed.

Slight slope
towards invert

8" Brick invert or 4" brick
invert on 6" concrete base

Sect. A-A

Sect. B-B

TYPICAL MANHOLE ON SMALL SEWERS

WHERE THERE IS NO ANGLE OR JUNCTION

SCALE: 1" = 4'

On tile sewers where no appreciable change in line, grade or size,
tile may be laid straight through manhole on masonry foundation not less
than 8" thick and upper part of tile cut away and edges smoothed after
manhole has been built, or build 8" brick invert, or equal.

On reinforced concrete pipe sewers cut pipe as necessary to form
manhole and be sure all ends of reinforcement at cut are very well
covered with cement mortar. Smooth all cut edges and ends.

If foundation used under adjacent sewer, carry foundation across
under full area of manhole, or as directed.

For manholes at angles, junctions, drops etc. or on sewers larger
than 30" diameter see other appropriate drawings of this series.