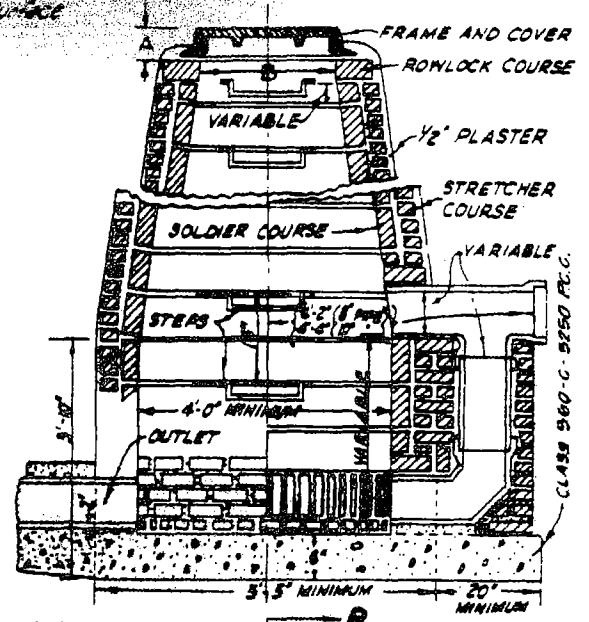
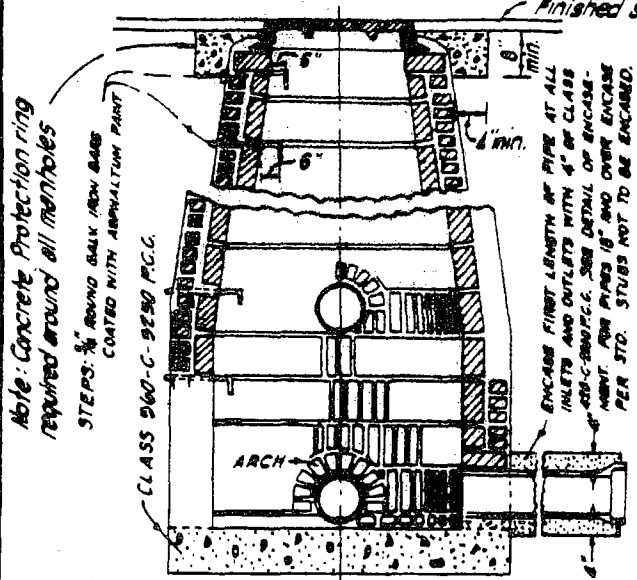


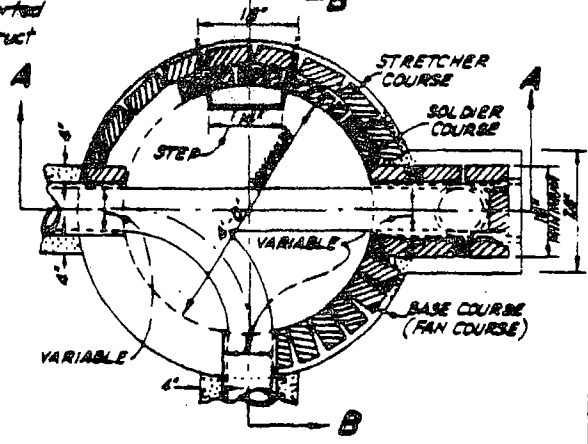
SECTIONAL ELEVATION B-B

SECTIONAL ELEVATION A-A

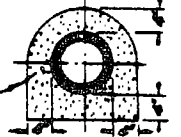


NOTES:

1. **CONCRETE BASE:** During construction, all pipes shall be rigidly supported by brick piers one foot deep, located just outside the structure. Construct top of concrete base two inches below invert of lowest pipe. Fill space beneath pipe with mortar and shove from both sides with base course brick to form a water tight joint.
2. **BASE OR FAN COURSE:** Lay brick flat on radial lines with tops to same level.
3. **ARCHES:** Lay spalled brick on edge to form a true radial arch with full mortar joint around all pipe openings. Turn arch of two such courses over pipes 15" or more in diameter.
4. **SOLDIER COURSES:** Lay inside brick on radial lines with first four courses vertical. Lay succeeding courses with a uniform batter to obtain an inside diameter of "B" at top of last or fractional soldier course. Use split brick to close soldier courses.
5. **STRETCHER COURSES:** Lay outside brick flat in a deep bed of mortar. Shove brick hard together against adjacent soldier course.
6. **ROWLOCK COURSE:** Lay last course of brick on edge across soldier and stretcher courses, on radial lines, with tops parallel and "A" inches below finished grade. See Schedule.
7. **STEPS:** Set lower step on top of third soldier course and notch brick above. Place upper step immediately below rowlock course and project three inches. If upper invert of Dropmanhole is more than four feet above shaft. Set one step on each side of structure at right angles to and not more than four feet below the above inlet.
8. **JOINTS:** Inside joints shall be neatly struck and pointed and shall not exceed 3/8 inch in thickness.
9. **CHANNEL BASE:** The depth of channel in channel base shall be 2/3 of pipe diameter for pipes 15" or less, and shall equal the pipe diameter for pipes 18" or larger. For special channels in trap or gauging manholes see special plans.
10. **PRECAST CONC. MANHOLES:** Use class 560-C-3250 P.C.C. encasement around drop inlet pipe instead of brickwork for all precast conc drop manholes.

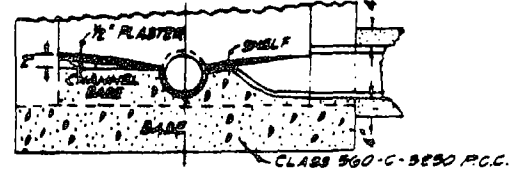


SECTIONAL PLAN OF BASE



CROSS SECTION OF ENCASEMENT

SECTIONAL ELEVATION B-B CHANNEL BASE



CITY OF MONTCLAIR

STANDARD PLAN DROP MANHOLE

DRAWN BY GER	CRD. BY D.G.	APPROVED BY <i>Carl Zantell</i>	DATE 8-31-87
			CITY ENGINEER R.C.E. 20717