

# PLAN - FORCE MAIN

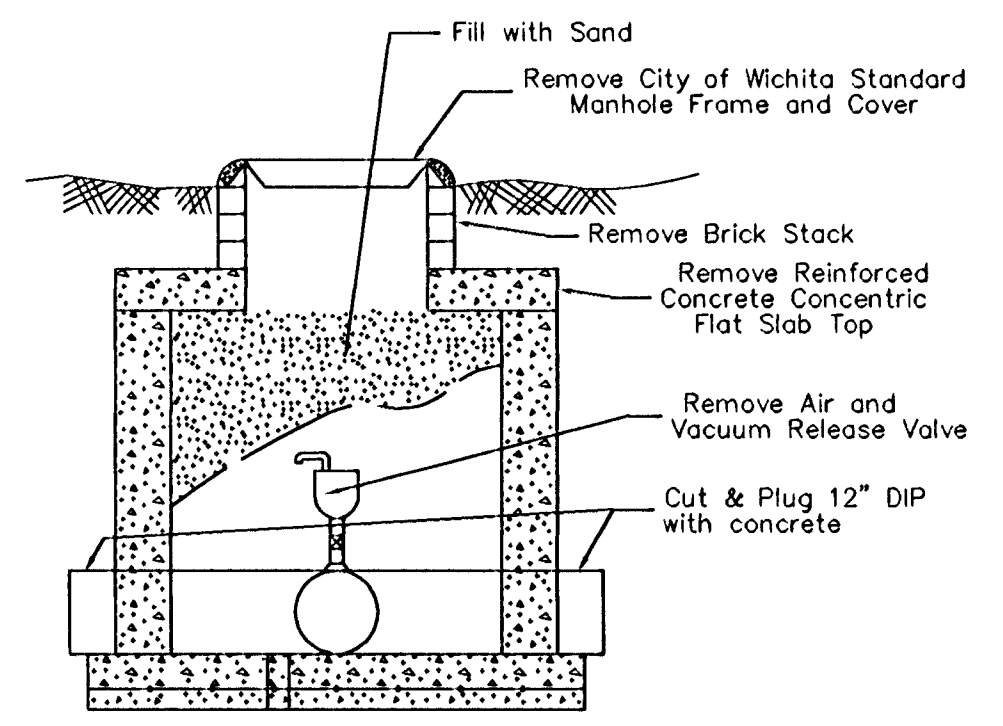
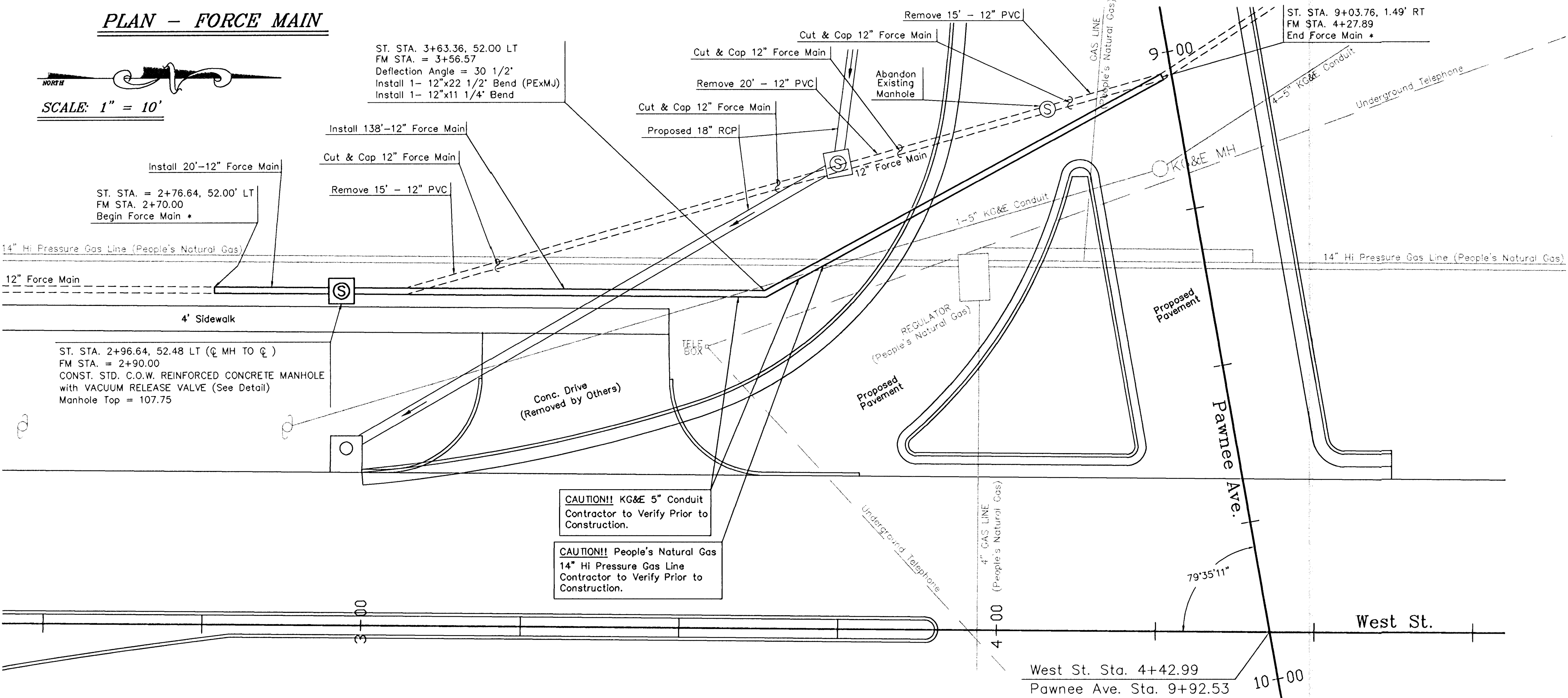
| FHWA Region No. | State  | Project Number | Year | Sheet No. | Total Sheets |
|-----------------|--------|----------------|------|-----------|--------------|
| 7               | Kansas | 472-82477      | 1994 | 10        | 38           |

B.M.#1 - C.O.W. Benchmark Disc, on centerline of West Street and 49.23' north of Quarter Section Corner West St STA 5+89.55, 0.75' Lt. Elev. = 109.98

B.M.#2 - "X" Cut in centerline of Northbound K-42 on west R.O.W. line extended. West St. STA 6+37.73, 50' Lt. Elev. = 109.61

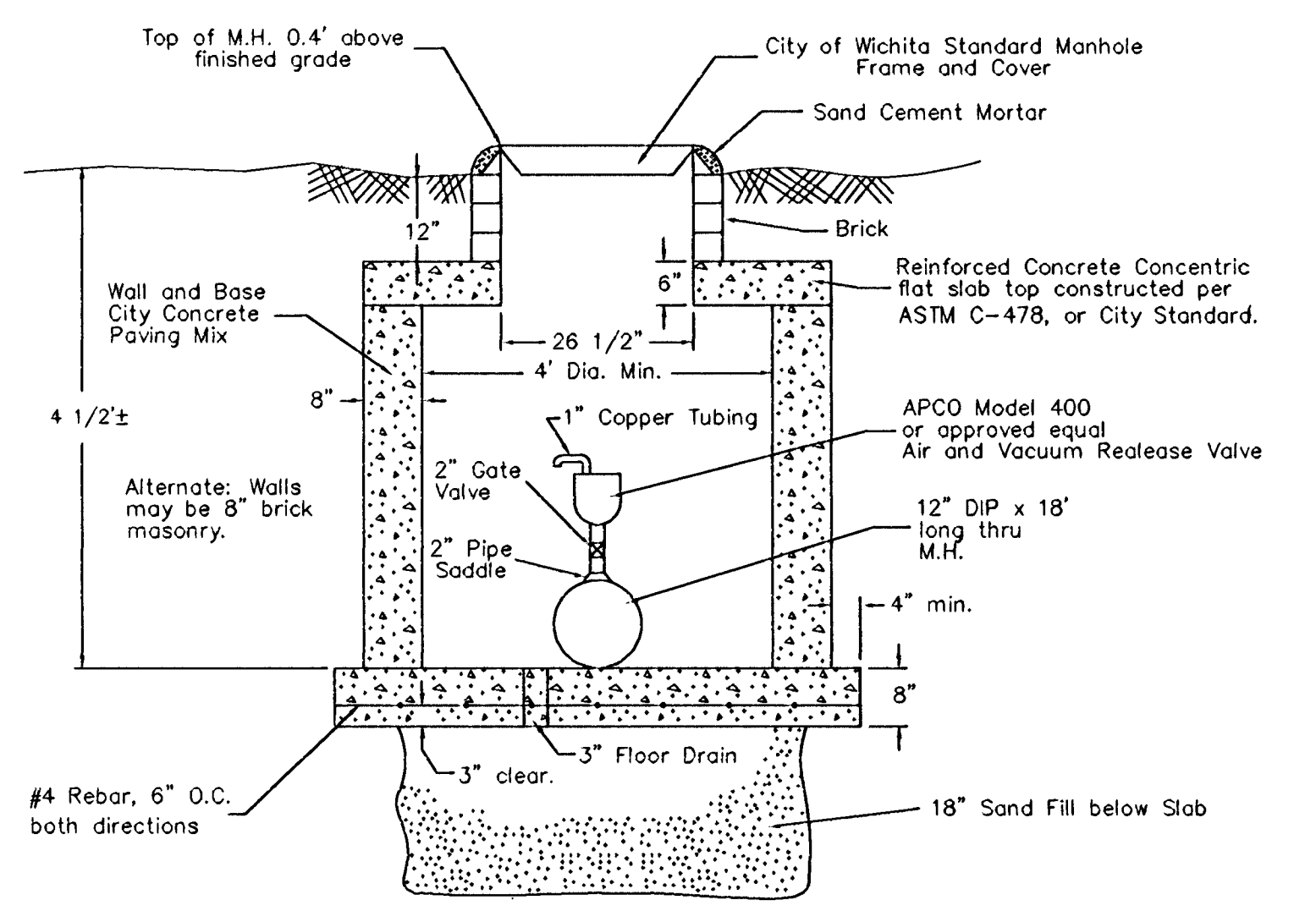
The Contractor, when required, shall provide for the transfer of flow around the section or sections of pipe that are to be constructed. The bypass shall be made by diversion of the flow at an existing upstream access point and pumping the flow into a downstream access point or adjacent system. The pump and bypass lines shall be of adequate capacity and size to handle the flow. The proposed bypassing system shall be as approved in advance by the Engineer. The approval of the bypassing system in advance by the Engineer shall in no way relieve the Contractor of his responsibility and/or liability.

The Contractor shall make arrangements as necessary with adequate notification to involved property owners and/or tenants, to insure that waste water will not be discharged from building sewer lines during the installation of the liner pipe or until such time building sewers are reconnected to the linear pipe and functional.

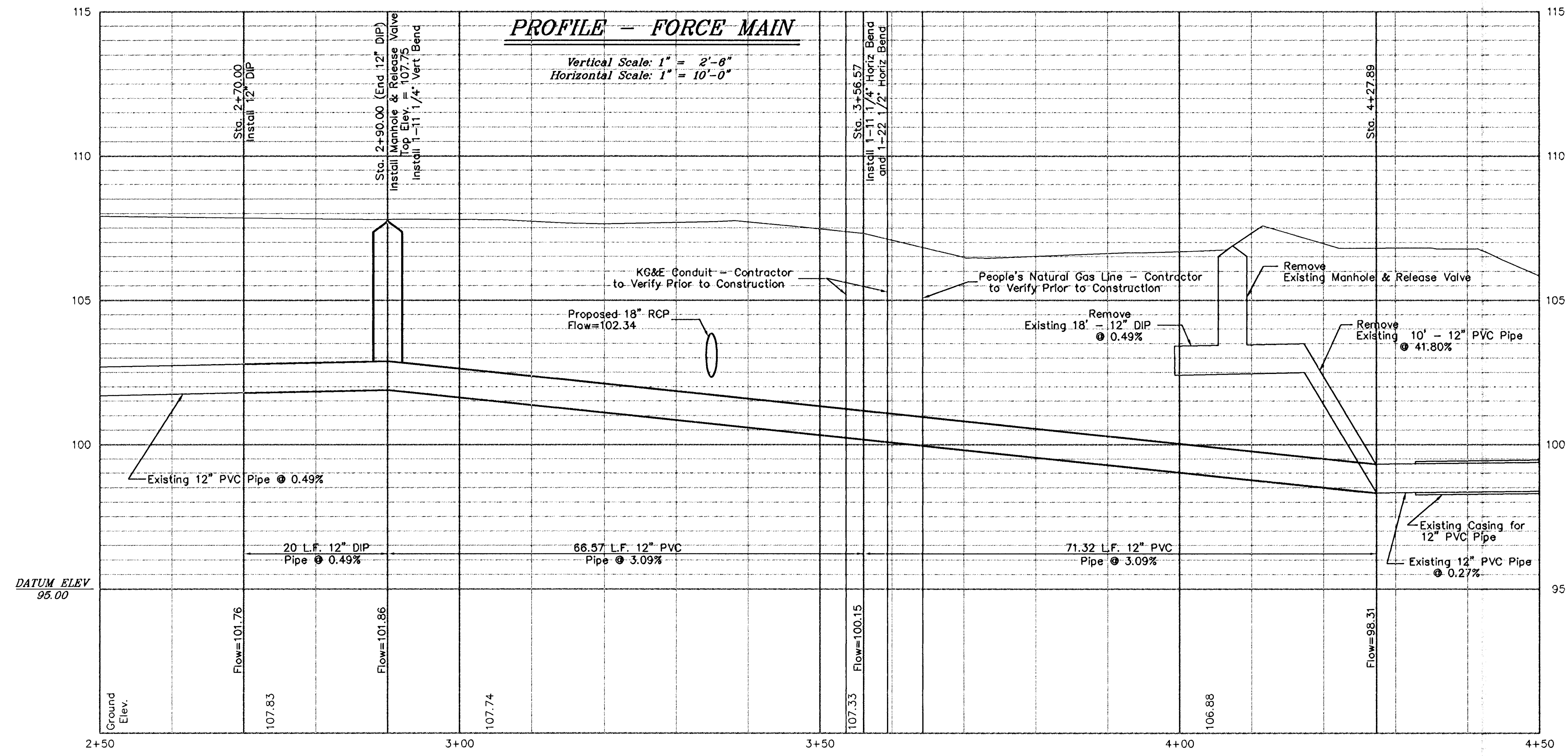


Abandon Manhole Detail

Contractor to Reuse Existing Air & Vacuum Release Assembly. Contractor to Coordinate Construction With James Tush, Supt. of Sewage Treatment Phone (316) 529-9900



Air & Vacuum Release Detail



|                                                                                                              |                          |                   |                                                          |
|--------------------------------------------------------------------------------------------------------------|--------------------------|-------------------|----------------------------------------------------------|
| Description                                                                                                  |                          |                   | <b>K-42/Pawnee Ave/West St<br/>Force Main Plan Sheet</b> |
| Scale: 1"=10'                                                                                                | Drawn By: SAC            | Index No.: 706028 |                                                          |
| Date: Nov 1994                                                                                               | Revised: Jun 95 (Apr 95) |                   |                                                          |
| CITY OF WICHITA<br>DEPARTMENT OF PUBLIC WORKS<br>ENGINEERING DIVISION<br>City Engineer - Michael E. Lindebak |                          |                   |                                                          |