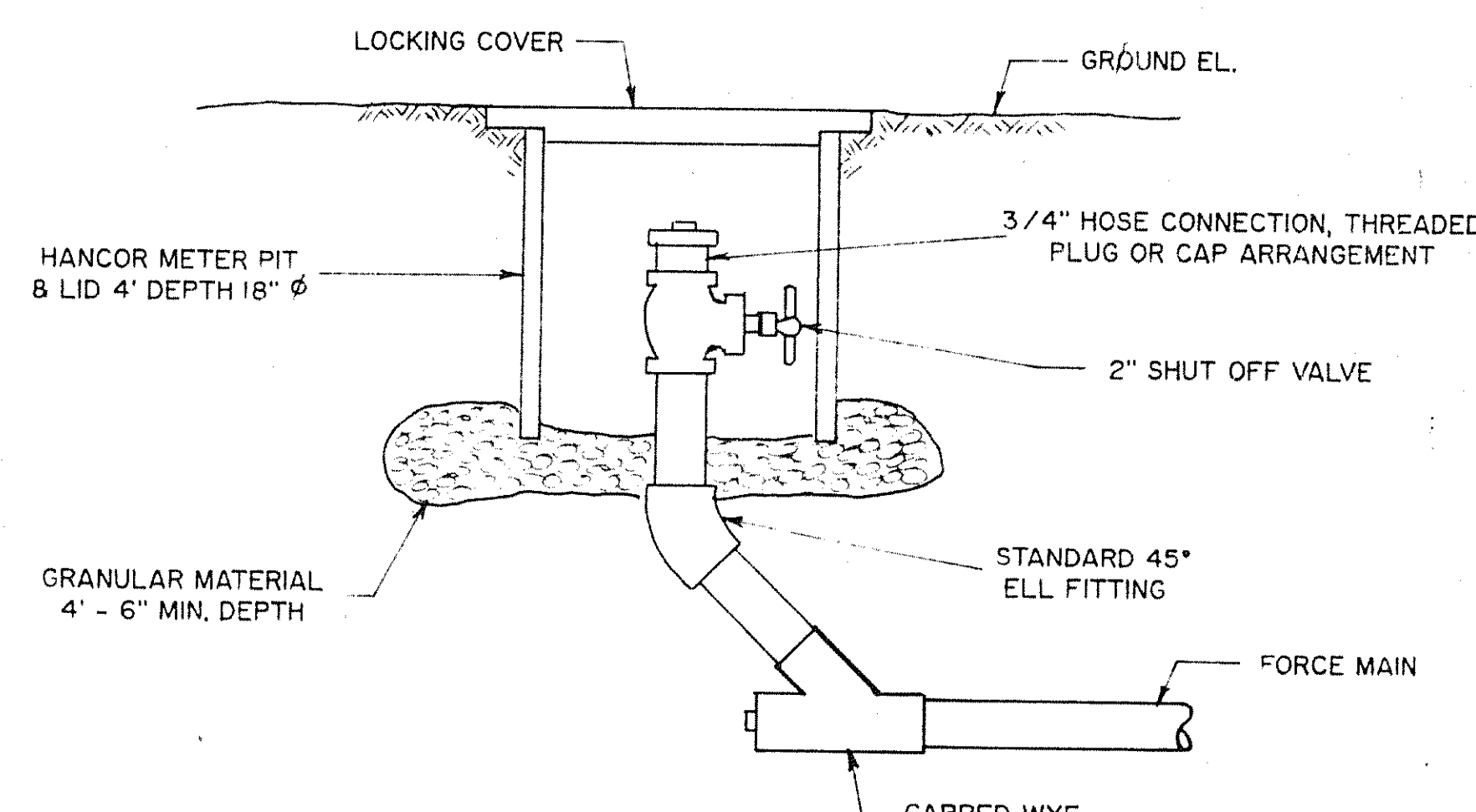
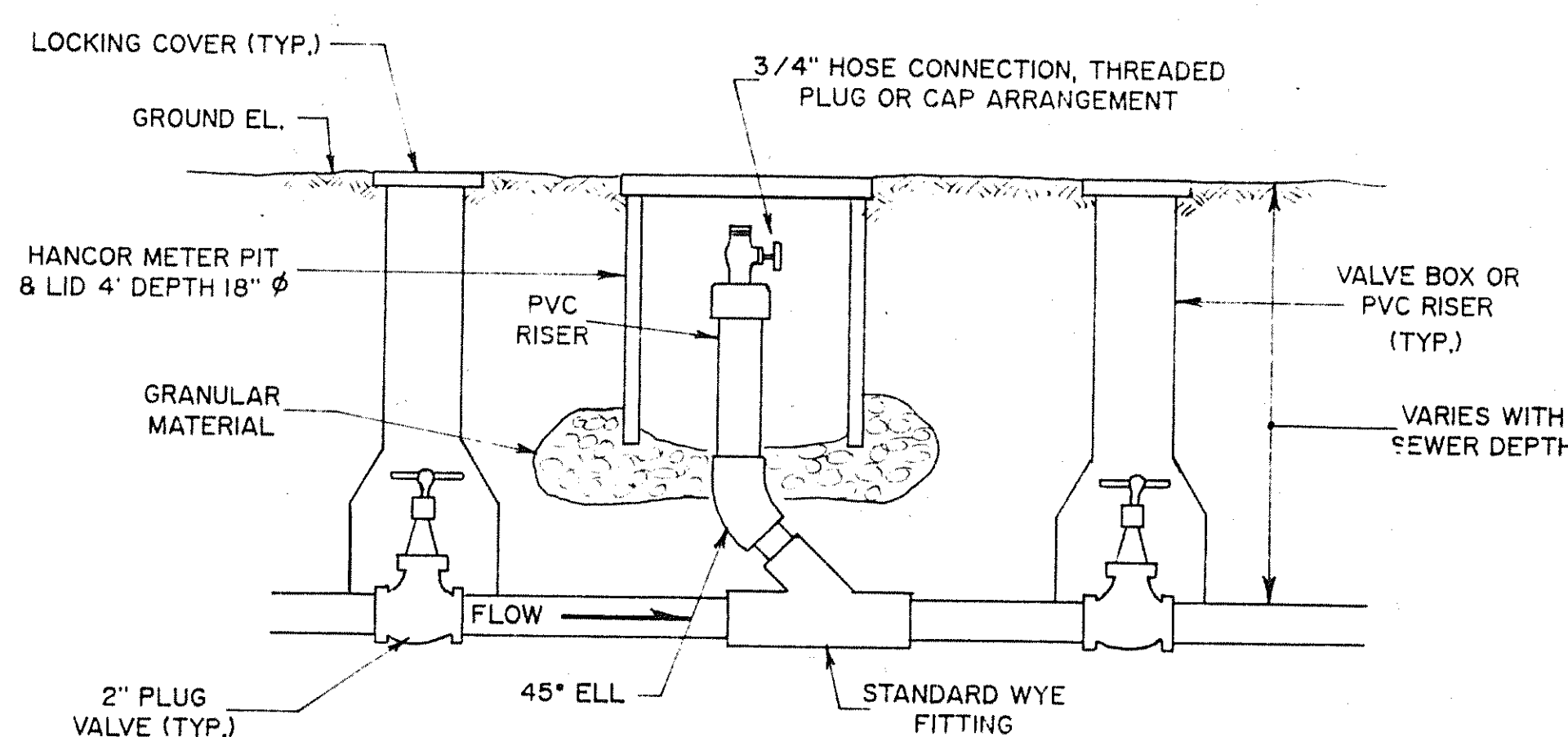
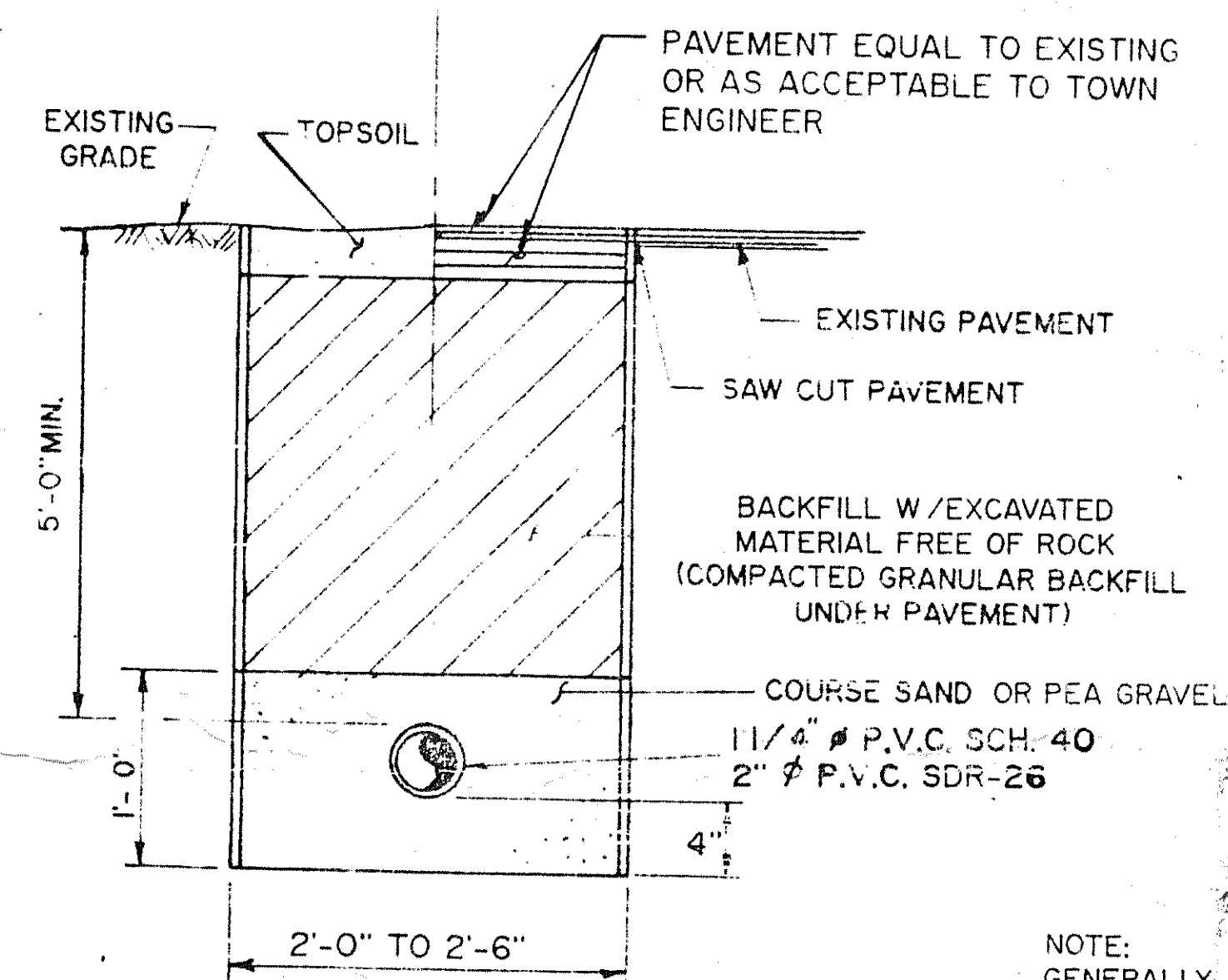




CLEANOUT DETAIL (END OF LINE)

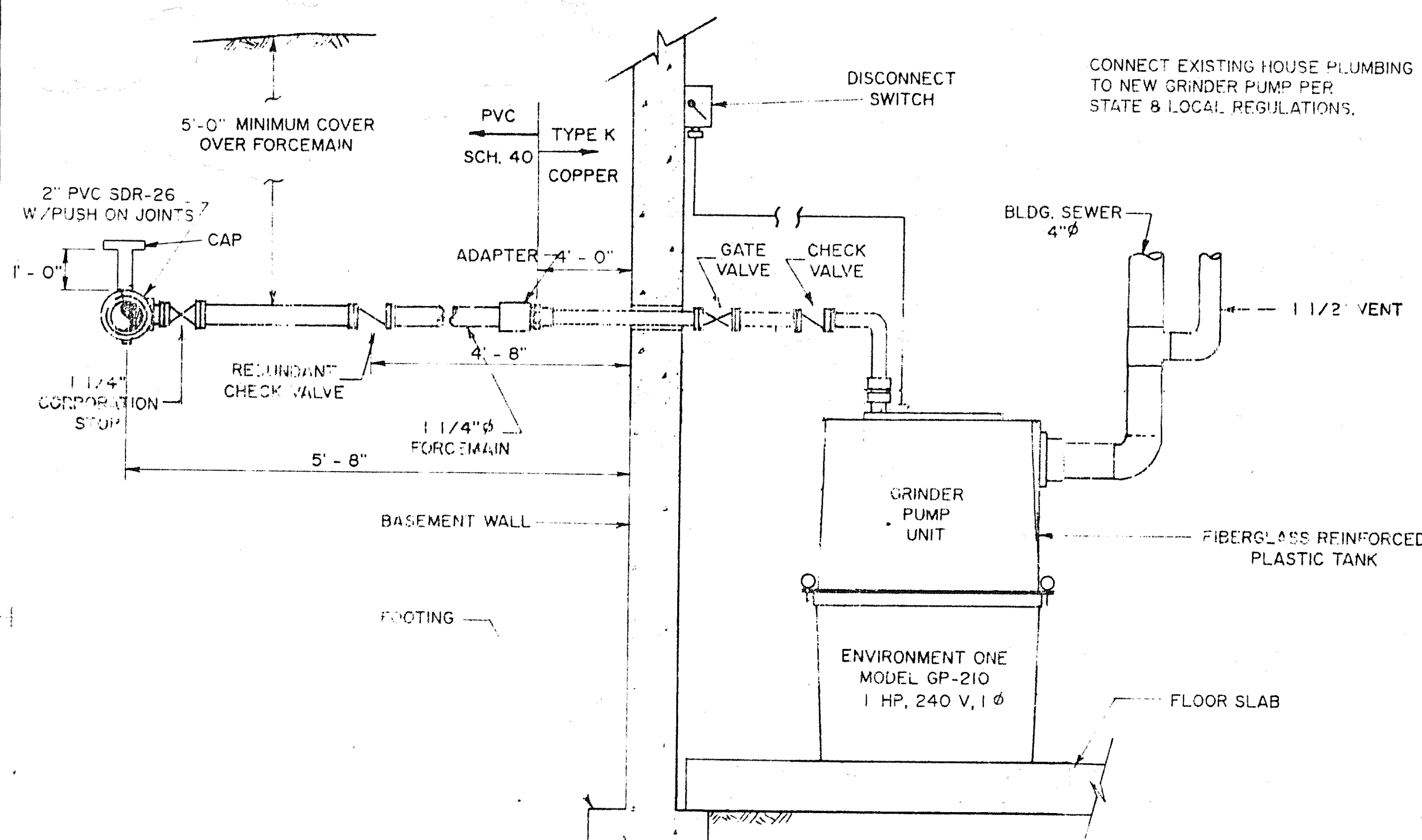


CLEANOUT DETAIL (IN LINE)



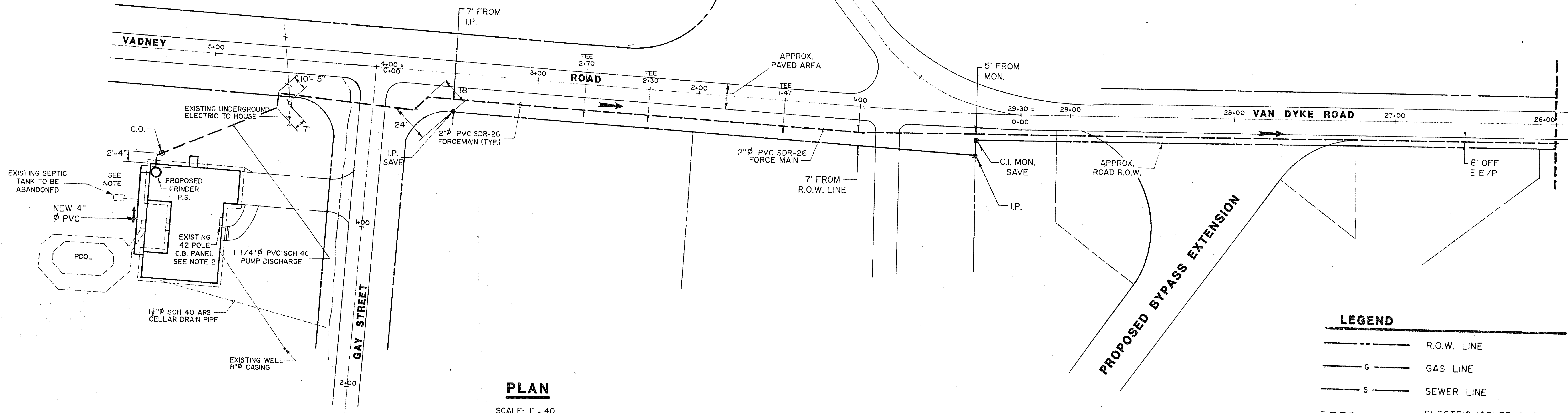
SEWAGE FORCE MAIN TRENCH DETAIL

NOTE: GENERALLY PIPING & CONSTRUCTION IS TO STAY OUT OF PAVED AREA - ACTUAL LOCATION TO BE DETERMINED IN FIELD BY TOWN ENG.



GRINDER PUMP UNIT INSTALLATION DETAIL

N.T.S.



PLAN

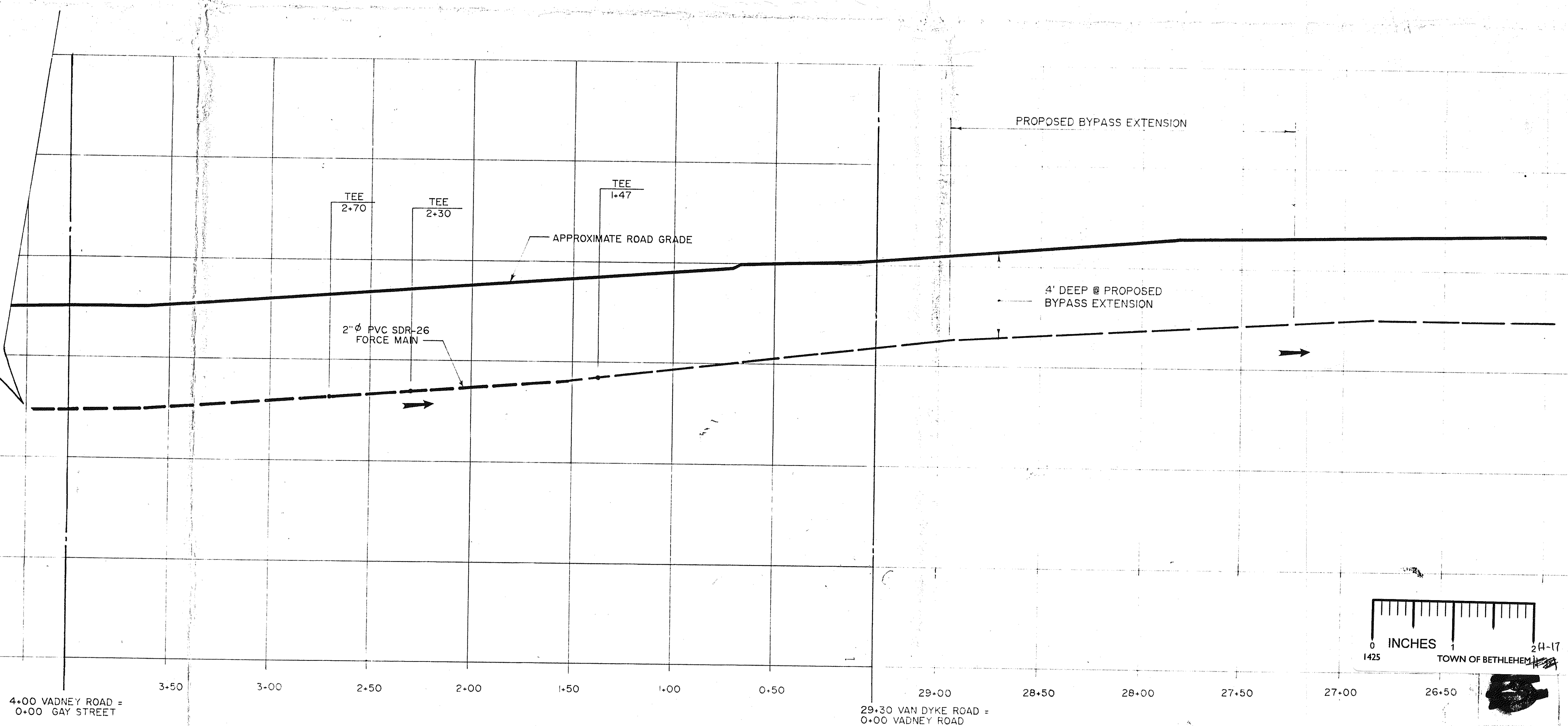
SCALE: 1" = 40'

- Notes:
- Two (2) 3" plug lines currently exit the building and run to the septic tank. The contractor is to excavate these lines, reconstruct the two (2) lines such that they flow into the building and discharge into the grinder pump unit. Minimum slope is to be 1/8" ft. Contractor to patch concrete block wall as required.
 - The contractor is to complete the electrical work for the grinder pump station. It is to consist of a 240 volt 15 amp connection from the existing circuit breaker panel to the pumping station. The connection is to be 10 12 AWG THHN/THWN in 3/4 EMT conduit properly secured. The unit shall be protected by a 15 amp, 2 pole circuit breaker mounted in and compatible with the existing panel. Conduit may be surface mounted.
 - Contractor to route force main in such a way to avoid large trees in the town of Delmar. When it is necessary to cross the paved area, pavement shall be saw cut and following construction, be restored to existing condition. Care must be taken when constructing in the root area of large trees not to damage the tree.
 - The contractor shall install street lights on all bends, tees, valves, etc. in the force main per AWA standards.
 - The contractor shall clean and test the force main at 100% the working pressure. Provide per AWA standards.

SITE LOCATION

LEGEND

- R.O.W. LINE
- GAS LINE
- S --- SEWER LINE
- ELECTRIC/TELEPHONE LINE
- FORCE MAIN
- FENCE

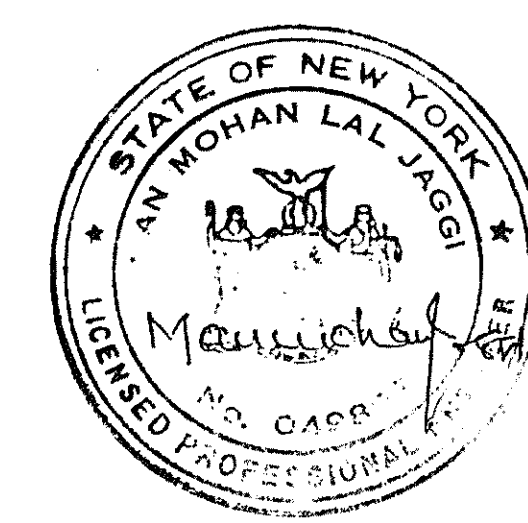


FORCE MAIN PROFILE

SCALE: HORIZ. 1" = 40'
VERT. 1" = 4'

REVISIONS

1. PROPOSED R.O.W.
2. 12/22/89 VARIOUS REVISIONS PER AS BUILT CONDITIONS



M.J. ENGINEERING, P.C.

CONSULTING ENGINEERS

ONE MARINOL DRIVE

CLIFTON PARK, N.Y.

WILDWOOD PROGRAMS
DELMAR RESIDENCE

232 GAY ST. DELMAR, N.Y.
OWNER: NEW YORK ASSOCIATION FOR THE LEARNING
DISABLED INC., CAPITAL DISTRICT CHAPTER

GRINDER P.S. & FORCE MAIN SEWER CONNECTION

SCALE: AS SHOWN

DATE: MAY 12, 1989

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OF 3