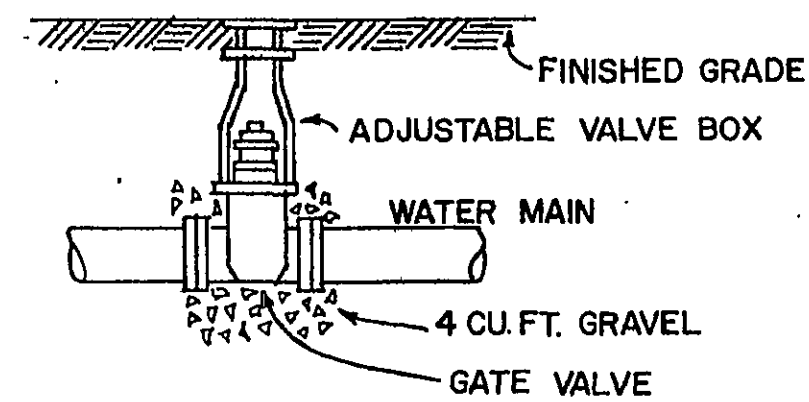
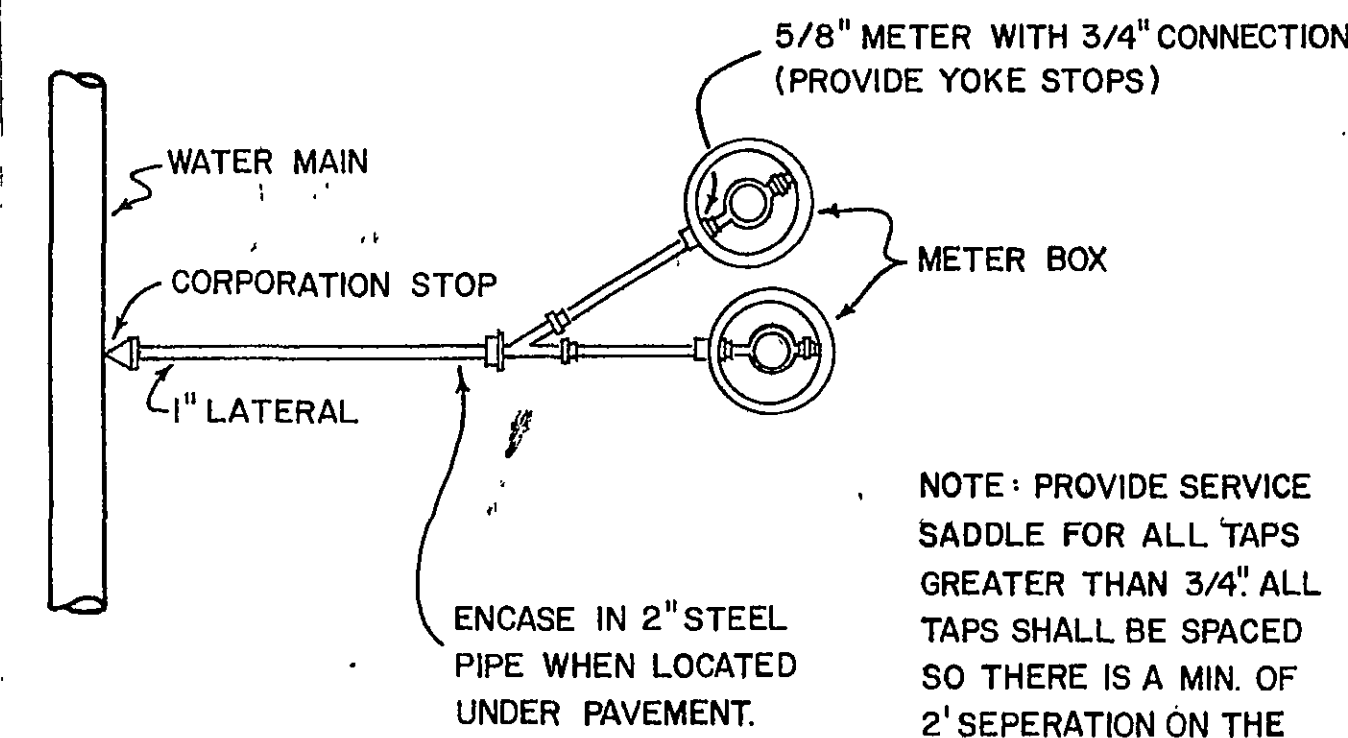


UTILITY PLACEMENT NOTES

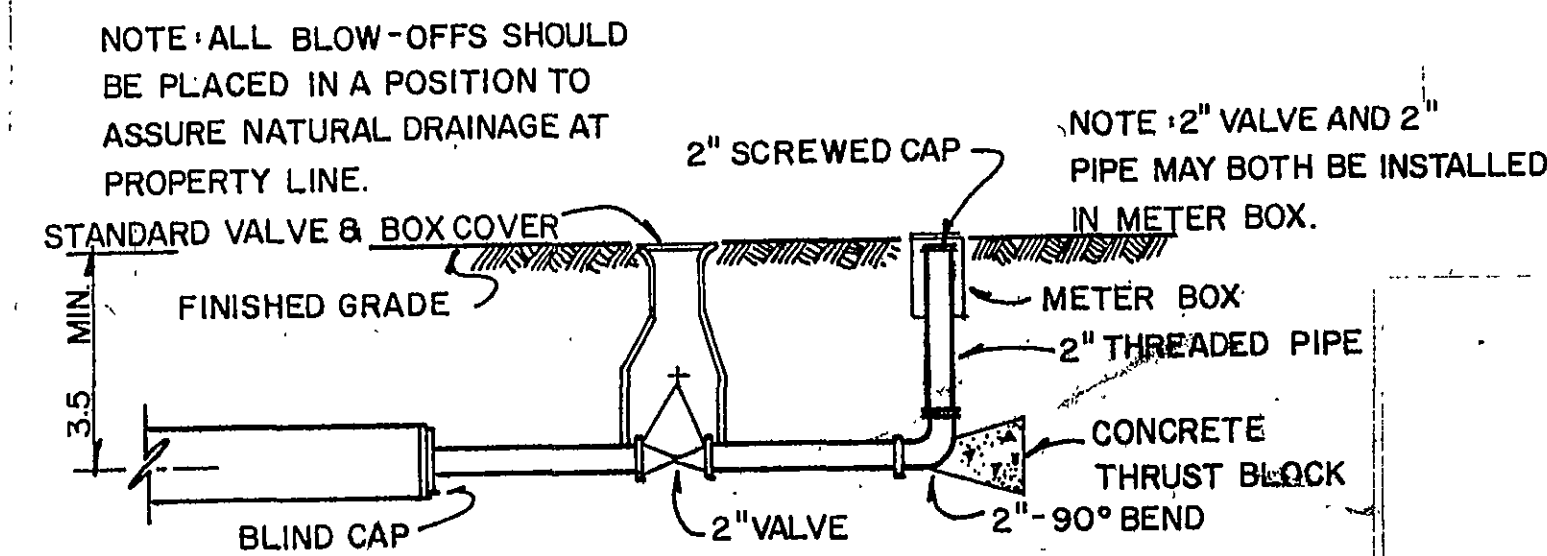
- Water mains shall be placed fifteen (15) feet off street center line. Water meters shall be placed thirty (30) feet off street center line.
- Underground telephone cable shall be placed twenty four (24) feet off street center line. See plan for approximate location.
- Underground electrical service, including transformers and pedestals, shall be confined to the space between twenty-five (25) and thirty-five (35) feet off the street center line. See plan for approximate location of lines and associated structures.
- An electric and telephone easement fifteen feet in width shall be dedicated. It will parallel the street centerline and begin at twenty (20) off said line.
- Hereby private utilities are informed of the possibility of the street being taken into the VDH&T public road system. The utilities shall meet all requirements of the VDH&T (which shall supercede these plans and specifications).



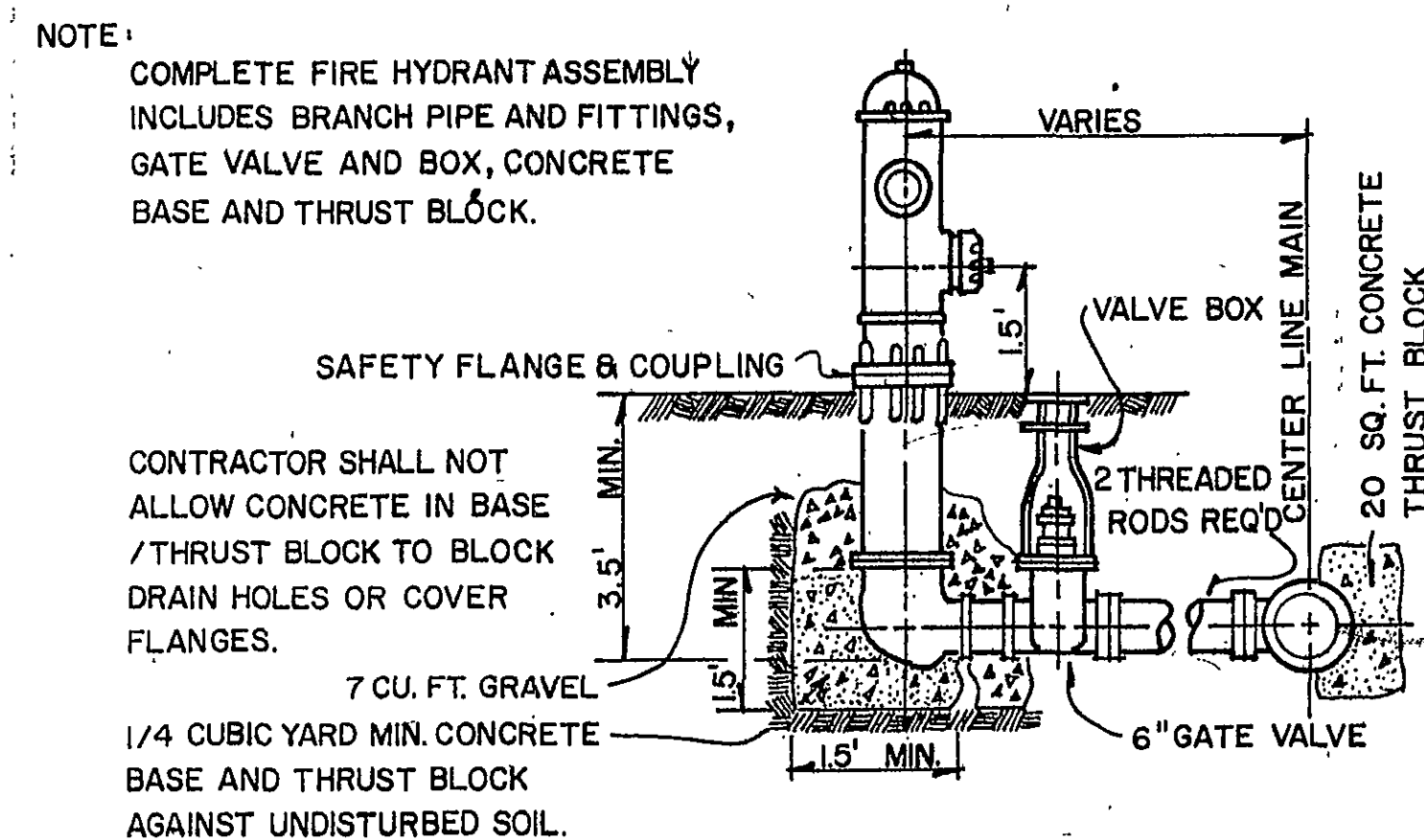
VALVE INSTALLATION
(NOT TO SCALE)



WATER SERVICE CONNECTIONS
(NOT TO SCALE)



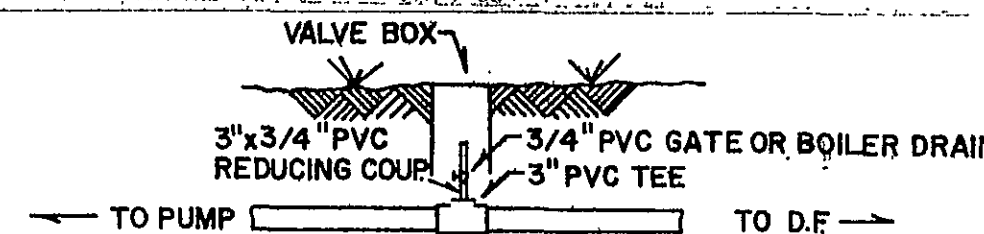
BLOW-OFF DETAIL
(NOT TO SCALE)



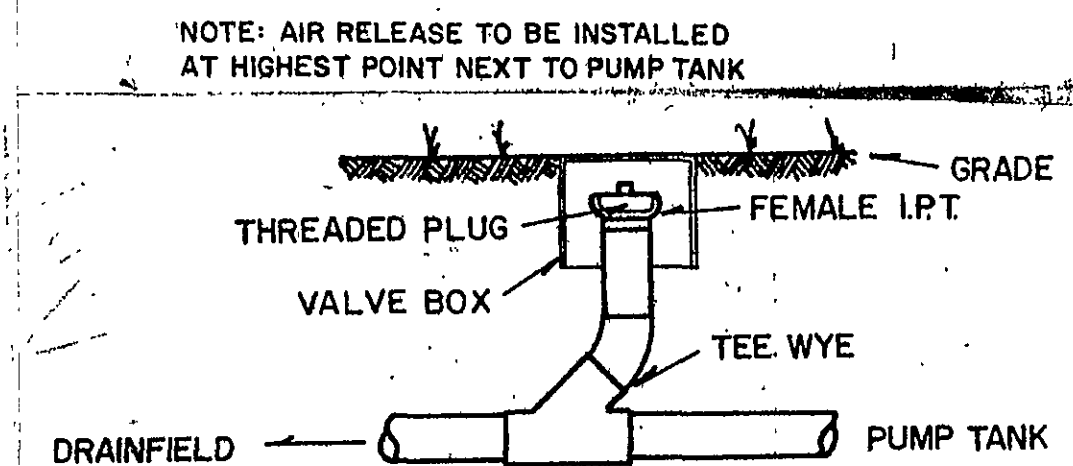
FIRE HYDRANT ASSEMBLY
(NOT TO SCALE)

SANITARY SEWER NOTES

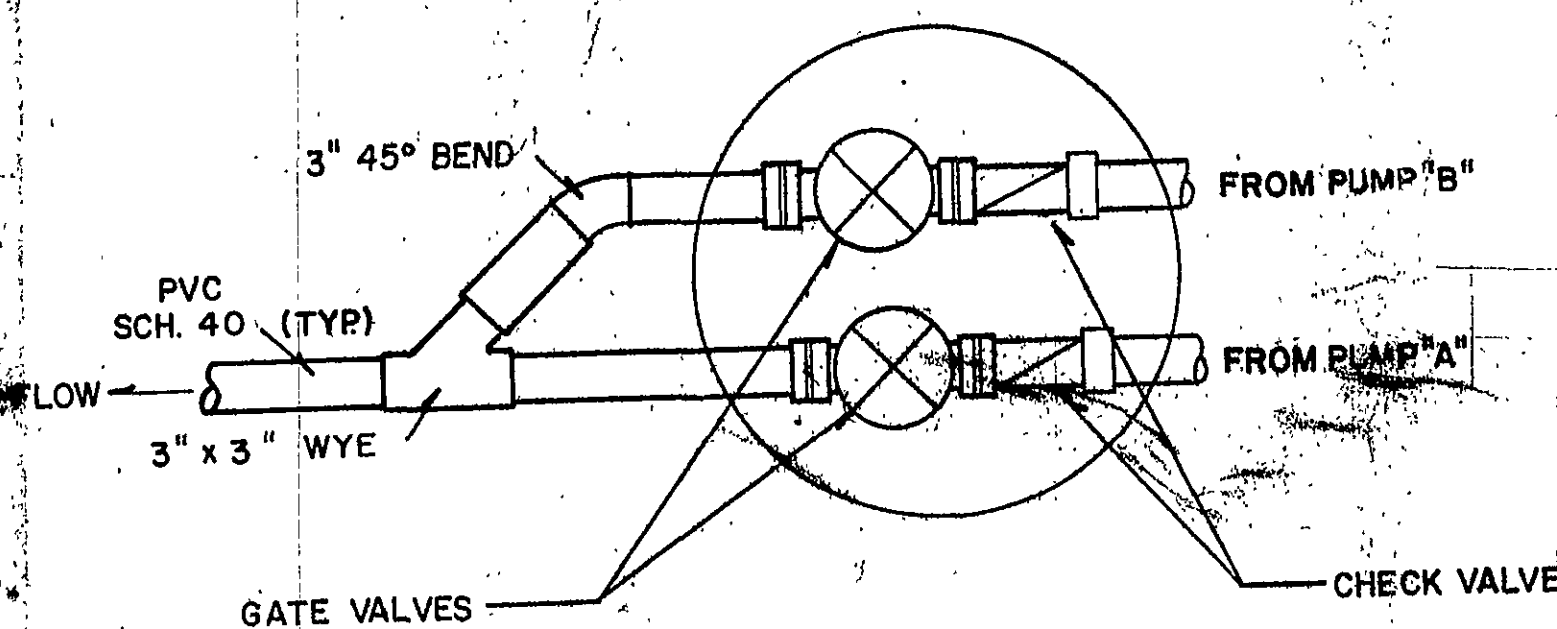
- Construction of all sanitary sewer lines and structures shall conform to the requirements of the Virginia Department of Highways and Transportation "Road and Bridge Standards and Specifications" and the Commonwealth of Virginia/State Board of Health "Sewage Handling and Disposal Regulations," (latest editions, as minimum standards), as well as those of the local governing authority (Franklin County).
- Water line crossings and sections laid within ten (10) feet of water lines shall conform to the standards and specifications of the Commonwealth of Virginia/State Board of Health "Waterworks Regulations," latest edition.
- Minimum depth of cover on all gravity sewer lines shall be three (3) feet.
- All gravity sanitary sewer lines shall be Schedule 40 PVC, or equal.
- Minimum grade on any gravity sanitary sewer line shall be 0.50%.
- Septic tanks and distribution boxes shall be as manufactured by C.T. Jamison of Callaway, Virginia, or equal approved by the Engineer.
- Septic tanks and distribution boxes shall be well marked or left uncovered during construction to protect against construction traffic.
- The Contractor shall have all lines, septic tanks and distribution boxes accurately located and indicated on "As-Built" drawings.
- The pump tank access hatch shall be equivalent to Type "Q" as manufactured by The Bilco Company. The angle frame shall be 0.25 inch steel with strap anchors bolted to the exterior. The door leaf shall be 0.25 inch steel diamond patterned plate with cast steel hinges bolted to the underside. The door shall open to 90 degrees and lock automatically in that position. A handle shall be provided to release the cover for closing. The door shall be built for a minimum live load of 150 psf and equipped with a snap lock with a removable exterior handle. All hardware shall be plated for resistance to rust and corrosion in the environment of its application. The door and frame shall be factory finished with a prime coat of red oxide paint. Two coats of utility enamel shall be field applied. Installation shall be in accordance with the Manufacturer's instructions. The Manufacturer shall guarantee against defects in material and workmanship for a period of two years. The Contractor shall supply and install a lock (as manufactured by Master) and hasp.
- All joints (pipe or structural) in tanks in the sewage disposal/treatment system shall be made watertight.
- Bedding shall be placed beneath, around and completely covering the force main at a minimum depth/dimension of two inches from the pipe surface. It shall consist of #8 washed pea gravel and be hand tamped prior to backfilling.



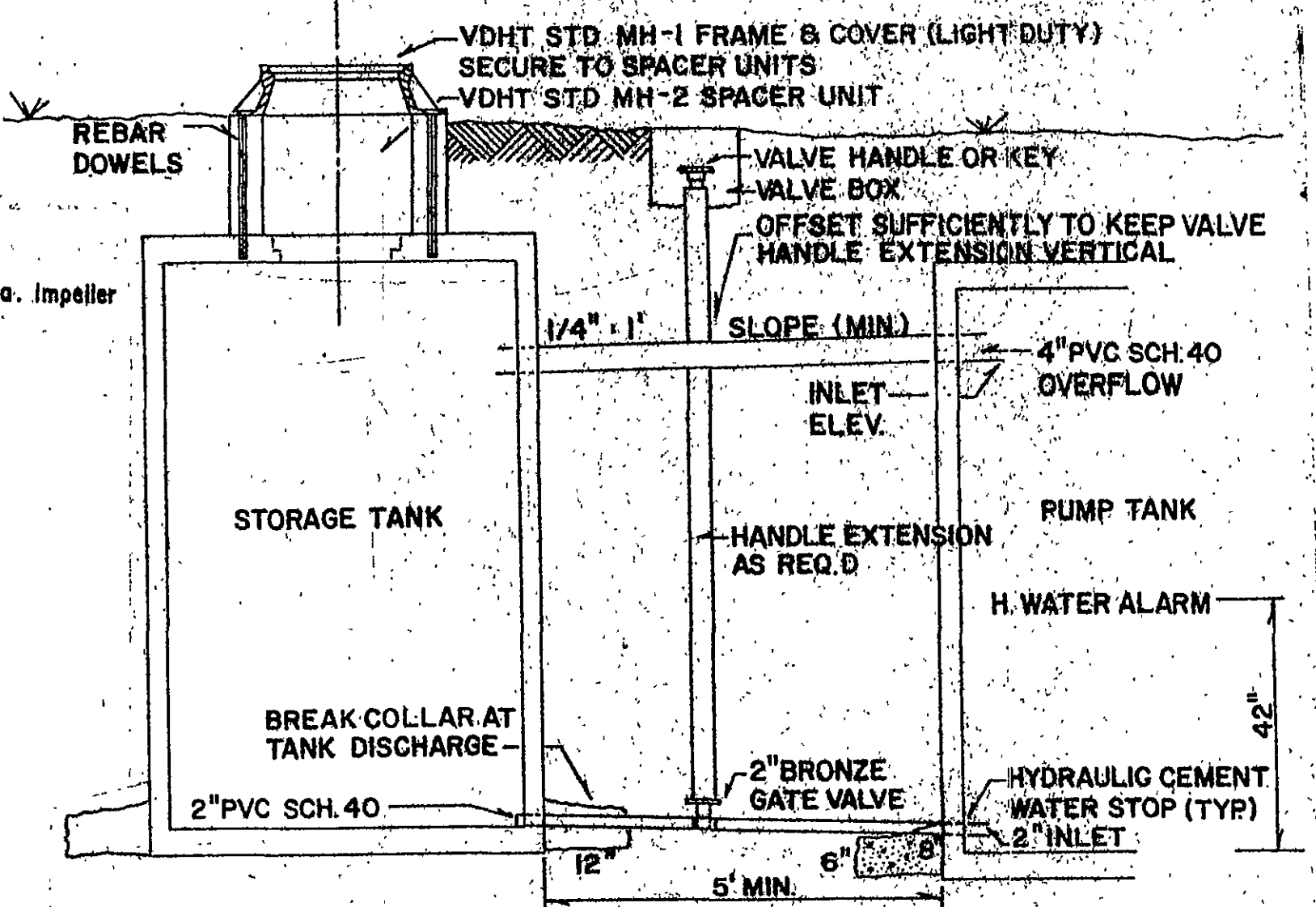
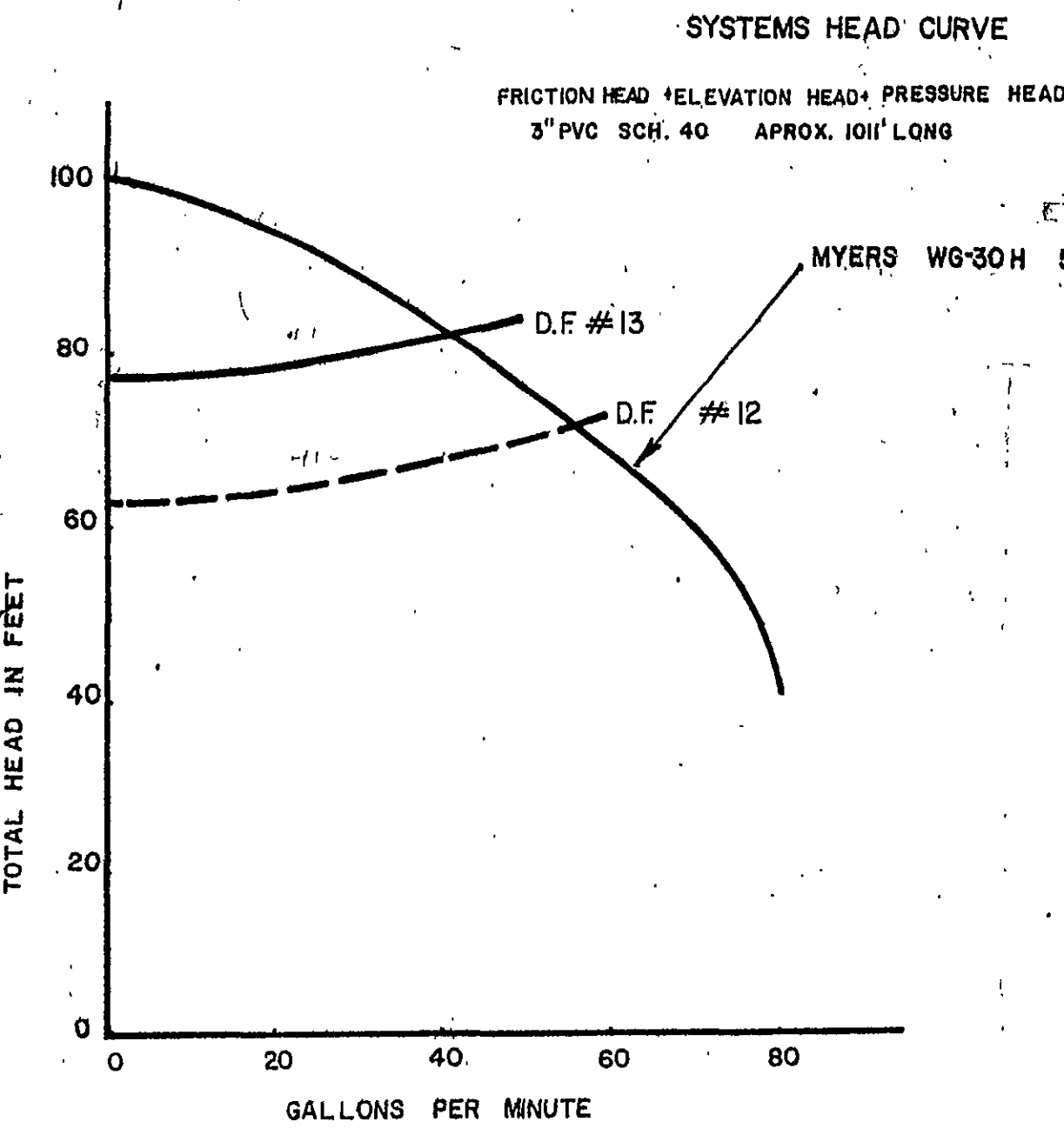
AIR RELEASE
(NOT TO SCALE)



3" FORCE MAIN CLEAN OUT
(NOT TO SCALE)

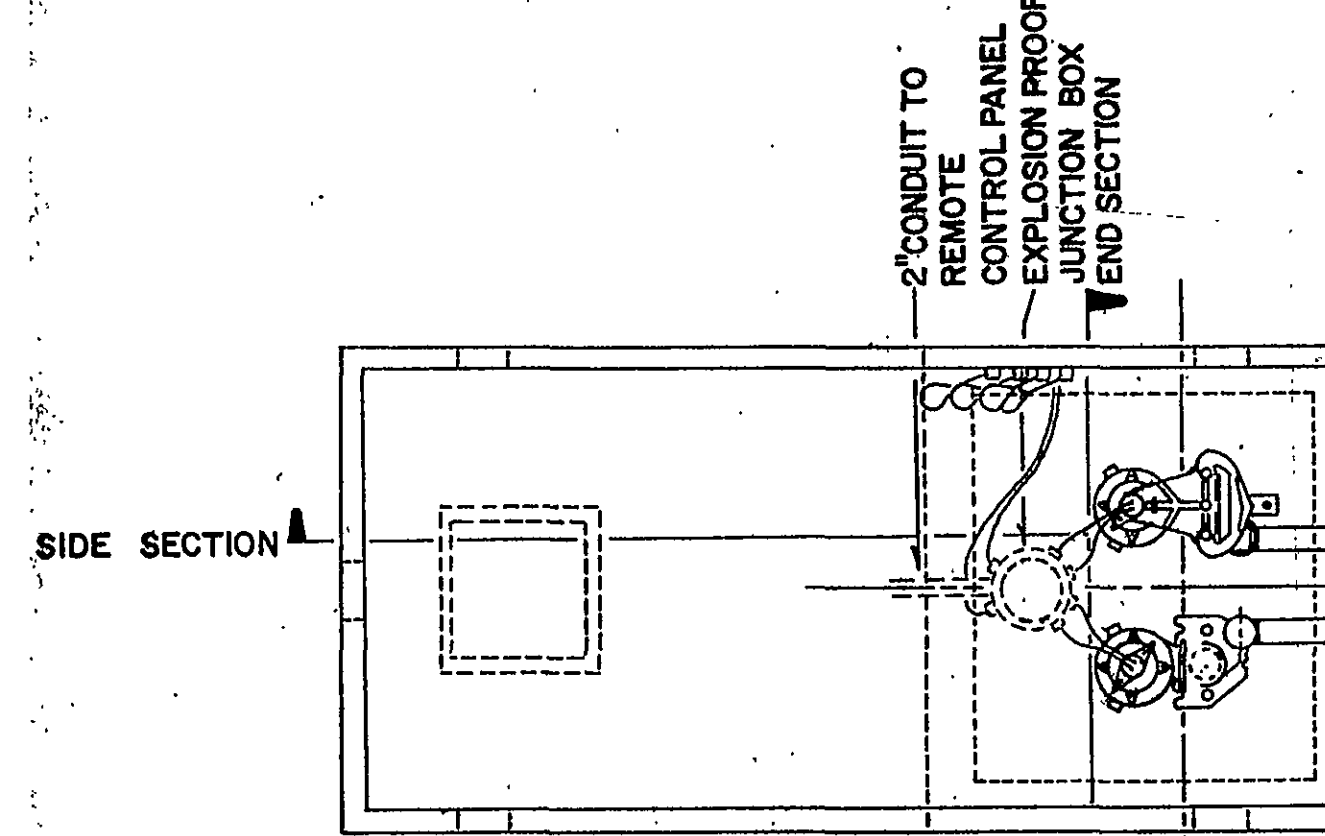


PUMP VALVE BOX
(NOT TO SCALE)



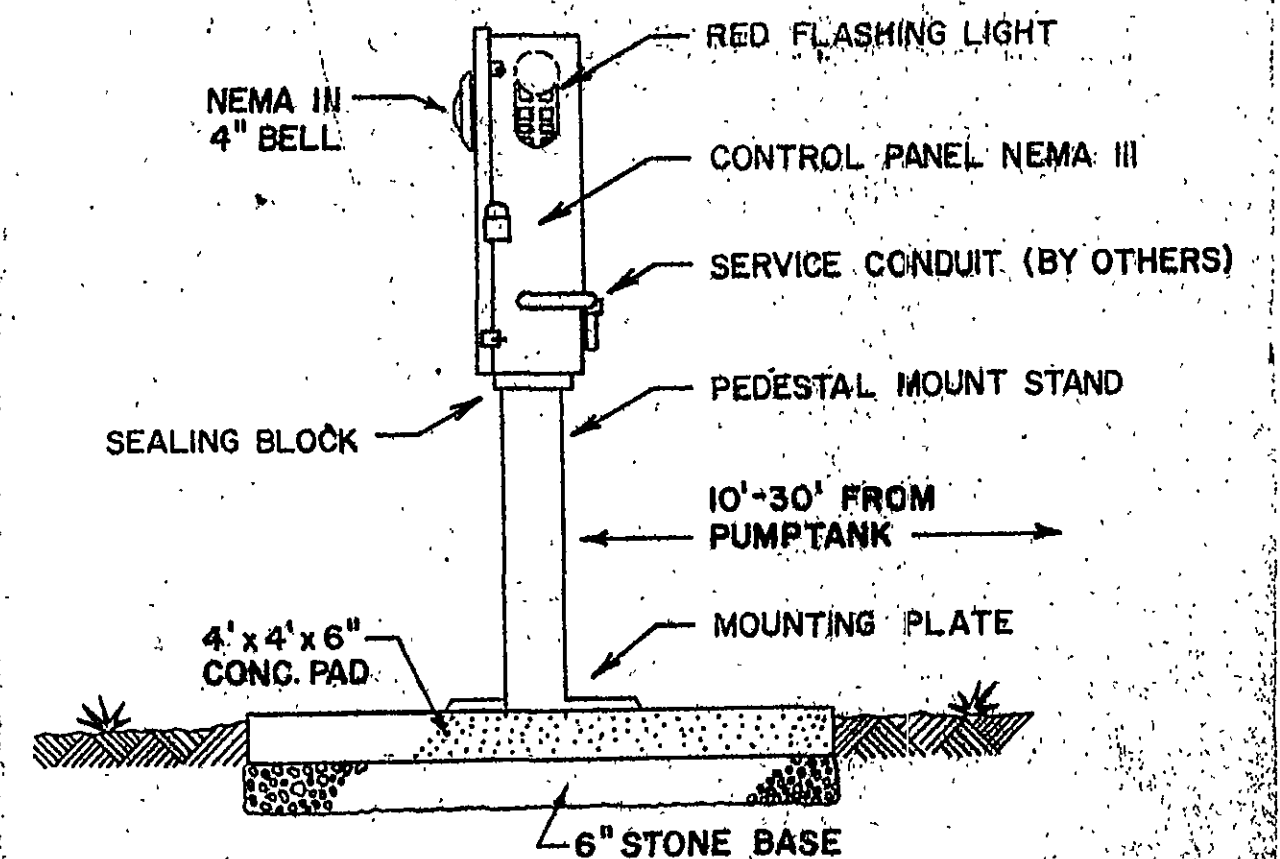
2000 GAL. EMERGENCY STORAGE
END VIEW
(NOT TO SCALE)

2000 GAL. PUMPTANK - SECTION
TOP VIEW

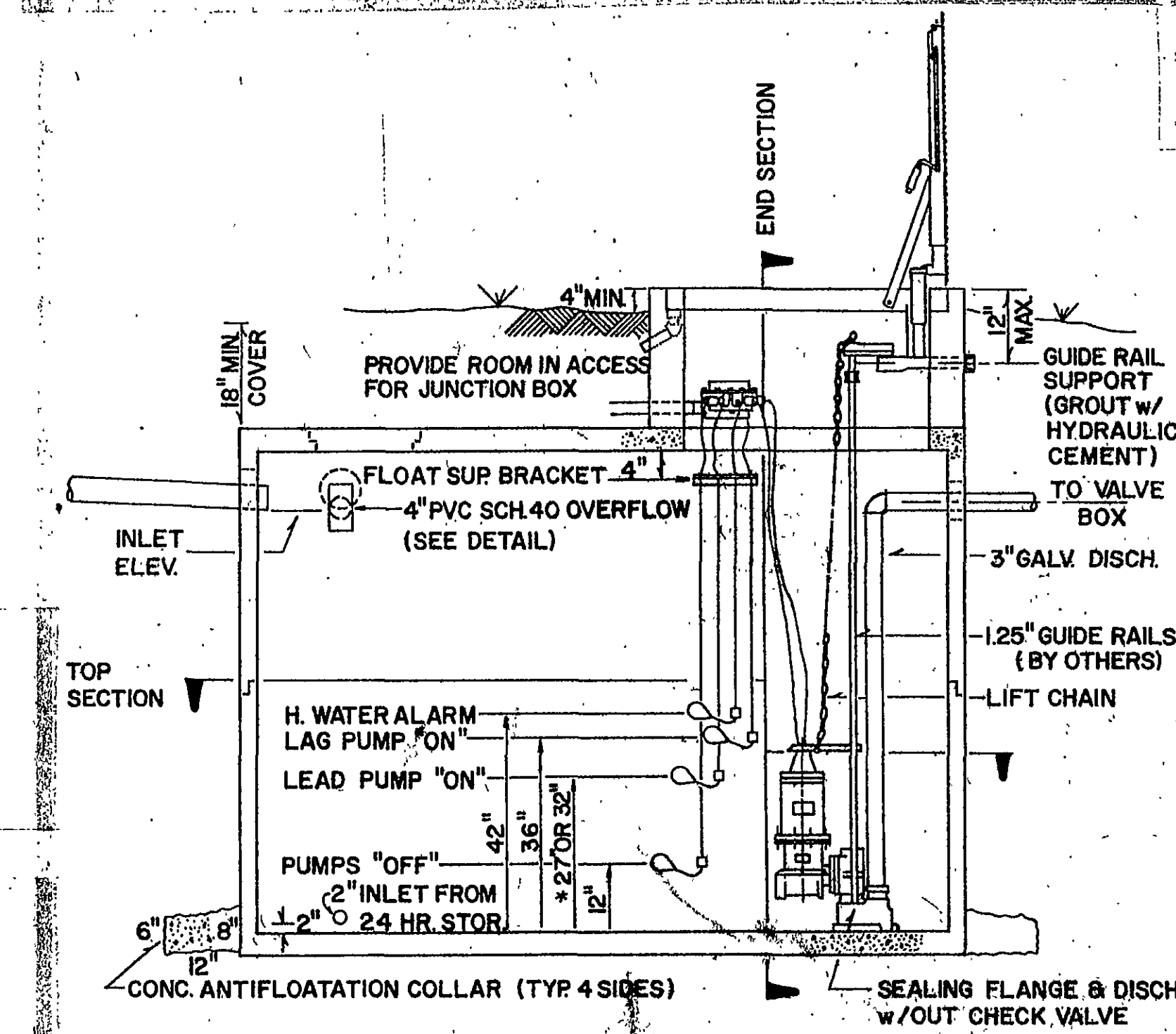


(NOT TO SCALE)

REMOTE PANEL MOUNT
(NOT TO SCALE)

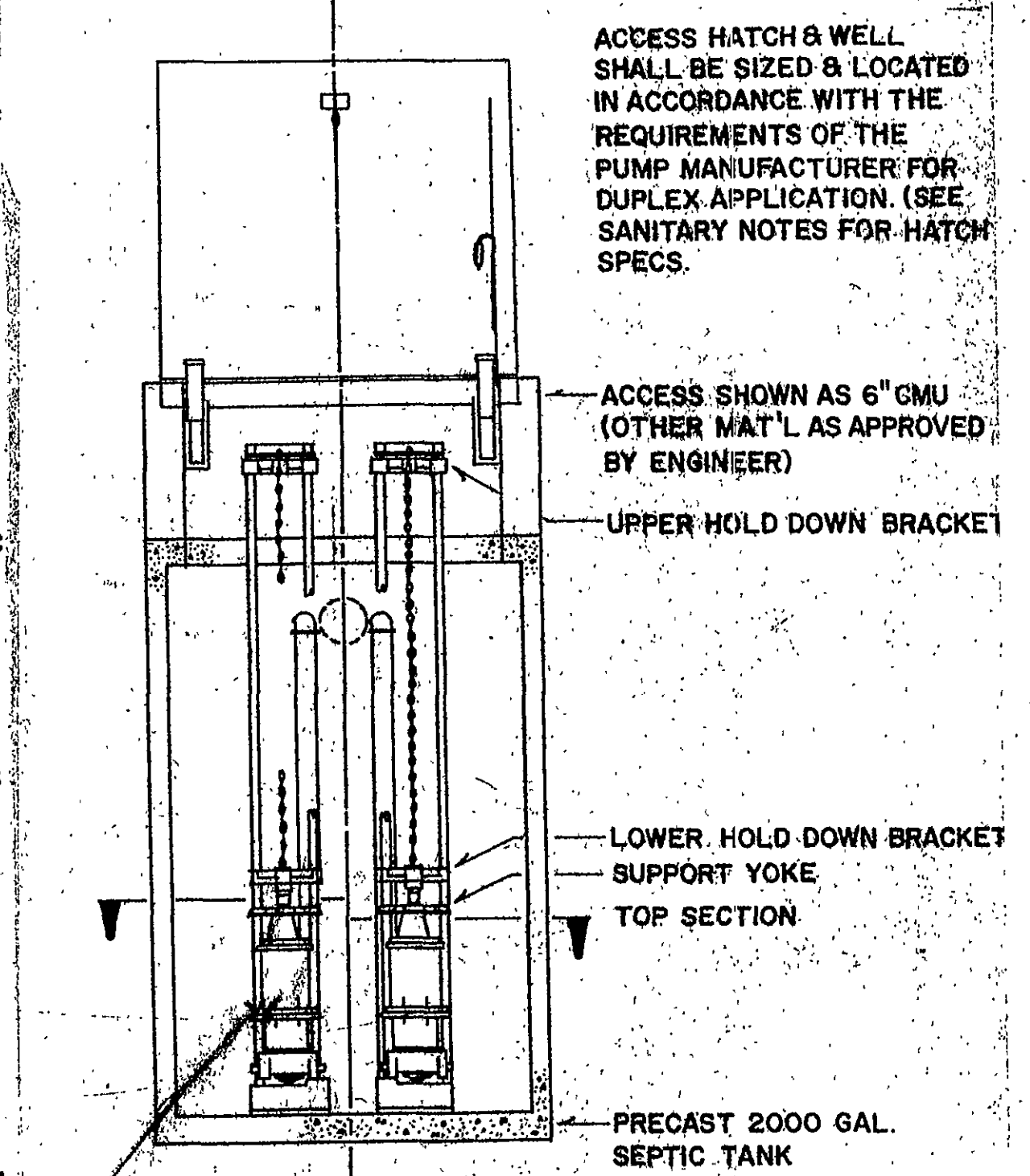


NOTE: SEE WIRING DIAGRAM FOR 3 H.P. DUPLEX PANEL IN SPECIFICATIONS.

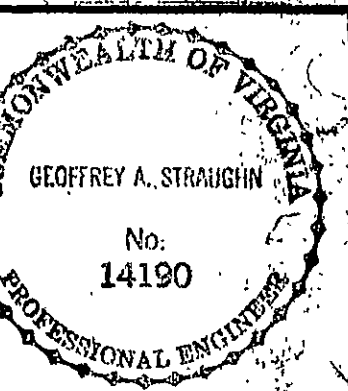


2000 GAL. PUMPTANK - SECTION
SIDE VIEW
(NOT TO SCALE)

NOTE: SEE DESIGN SPECIFICATIONS



2000 GAL. PUMPTANK - SECTION
END VIEW
(NOT TO SCALE)



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FAIRWAY BAY
TOWNHOUSES

DETAILS & NOTES
FRANKLIN COUNTY,
VIRGINIA

DRAWN BY
D.DYE, C. MAUCK
DESIGNED BY
G. STRAUGHN
DATE
2/21/85
REVISIONS

SHEET NO.
3 OF 4

JOB NO.
401-E