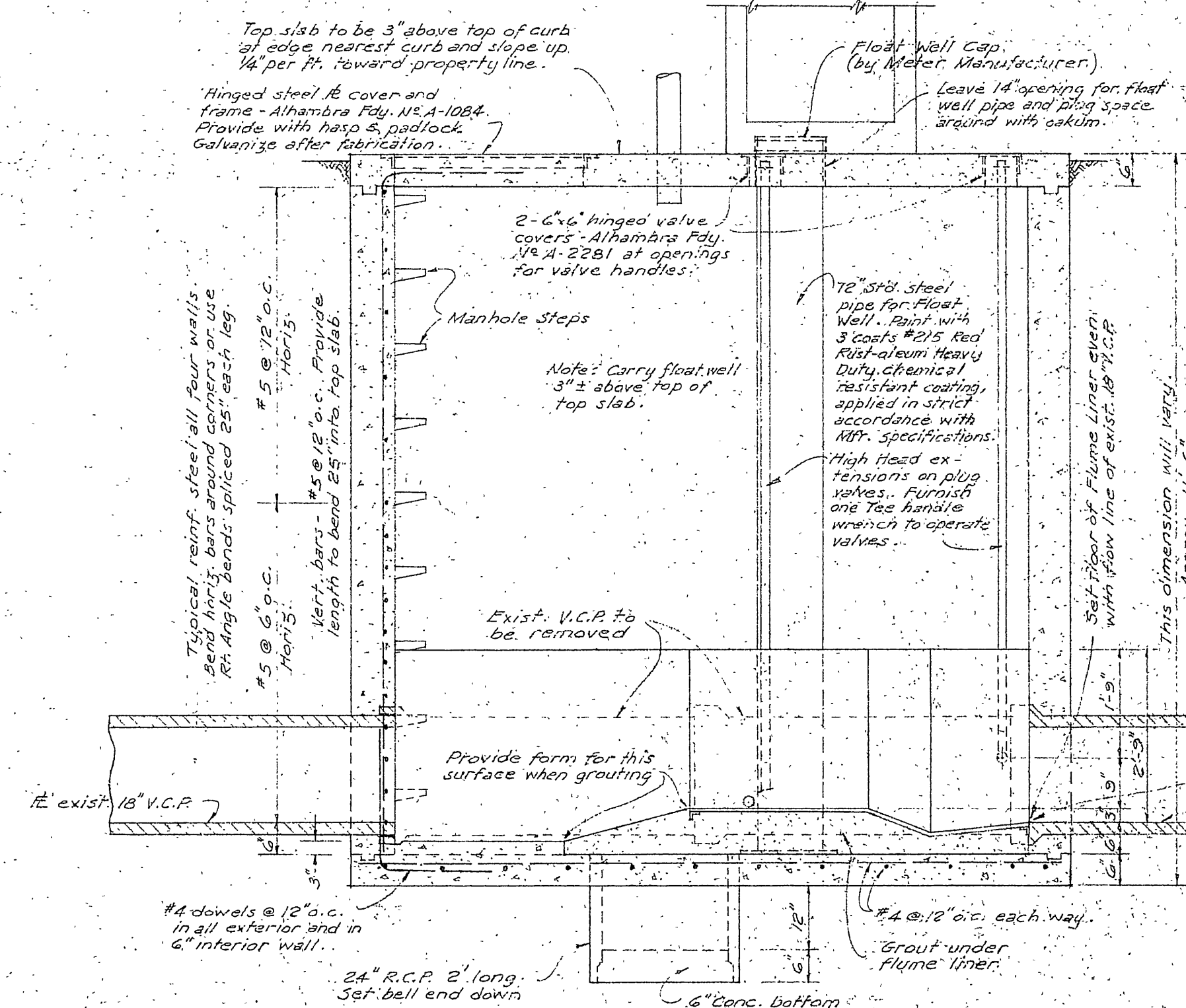
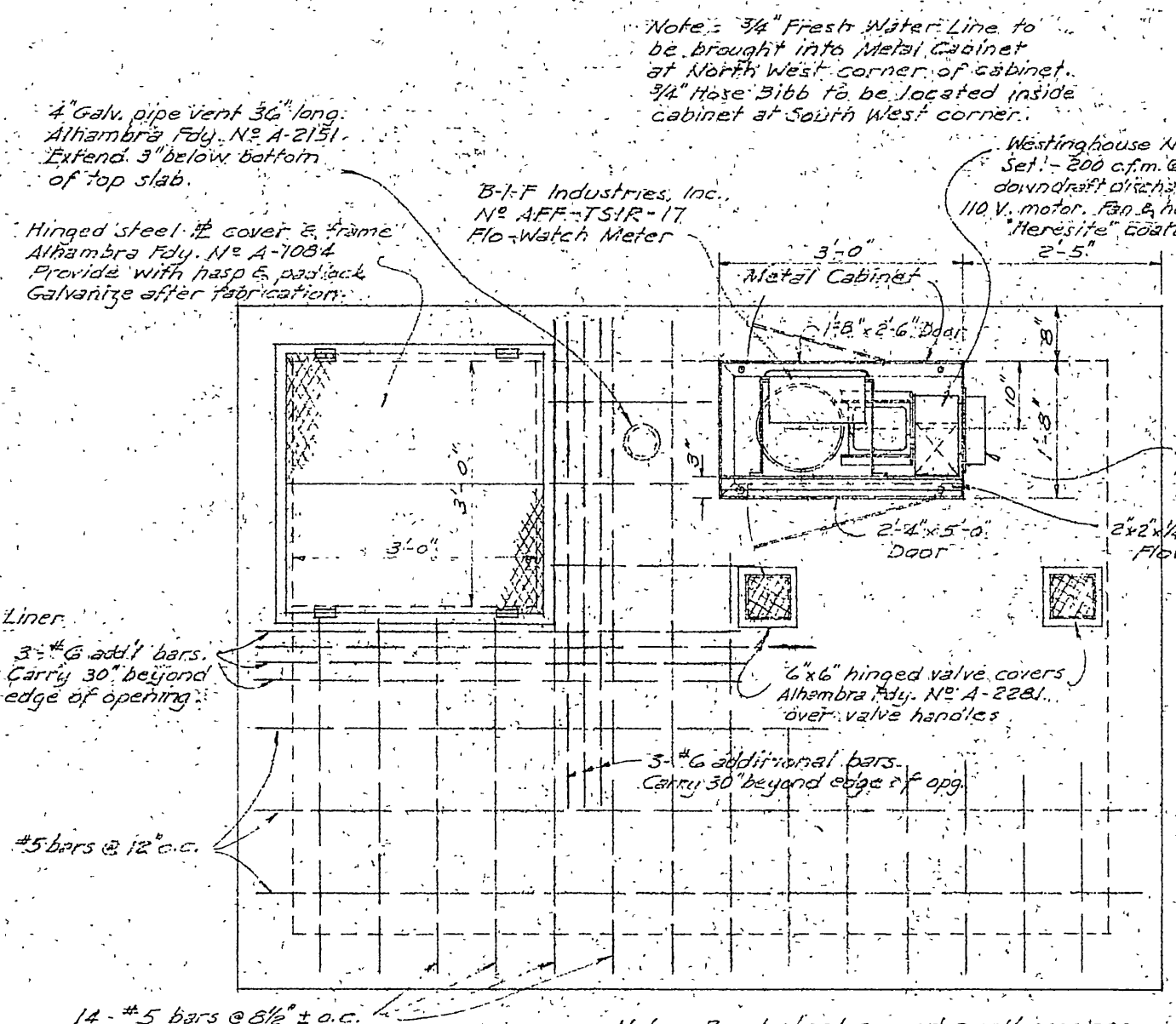


NOTE: Location of structure along sewer is governed by location of bells on exist. 18" pipe. Downstream inside wall face is to be placed 3" downstream from end of bell.

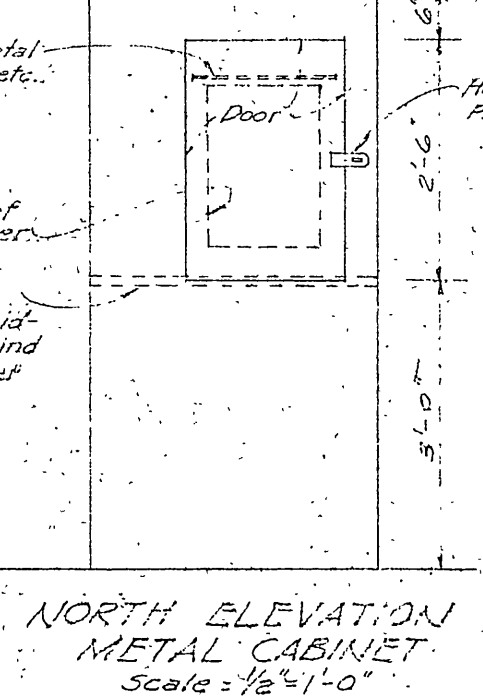


LEGEND
 G.V. = Crane #40 Gate Valve
 P.V. = Lubricated Plug Valve
 G.I.P. = Galvanized Iron Pipe
 V.C.P. = Vitrified Clay Pipe
 R.C.P. = Reinforced Concrete Pipe

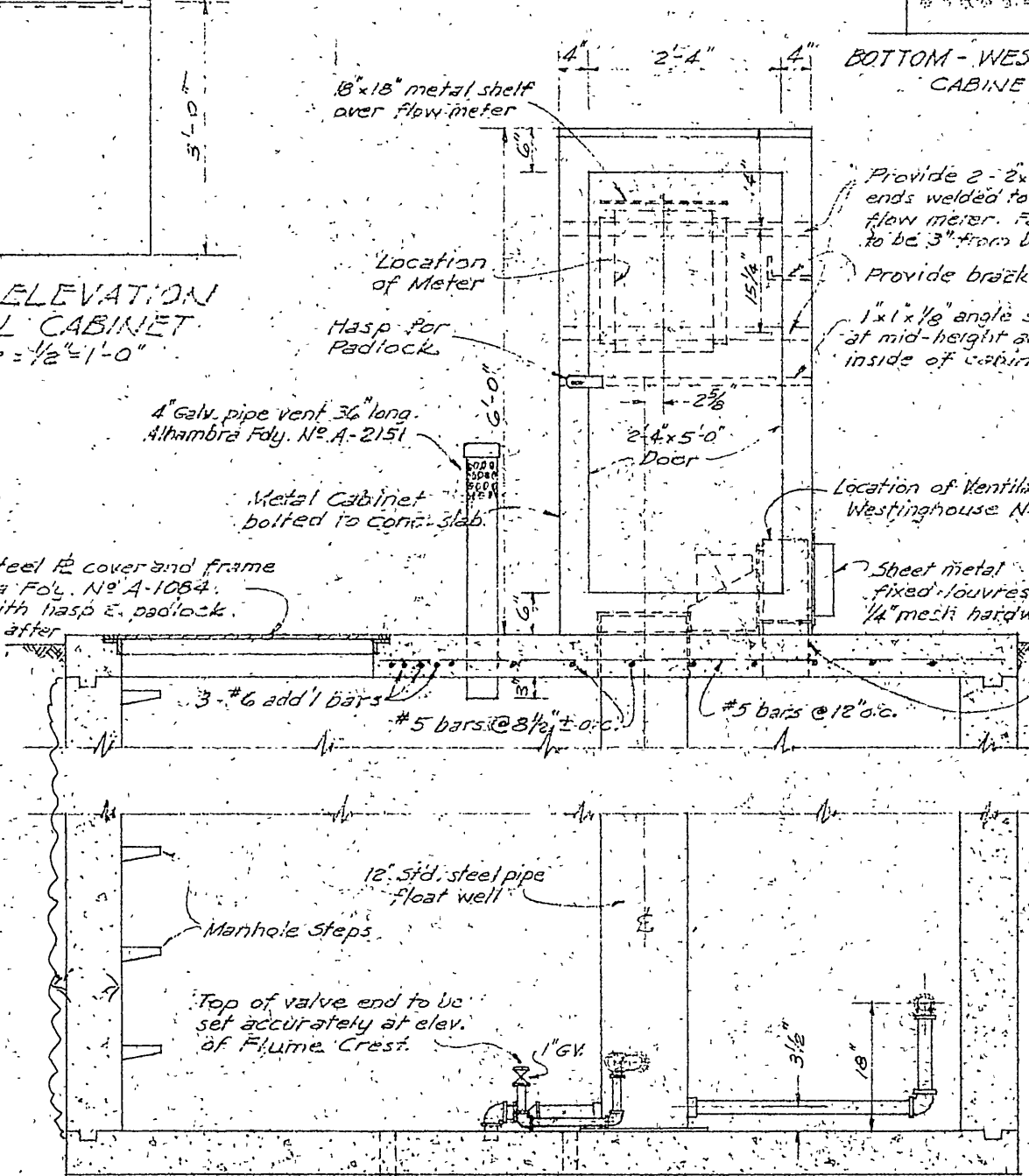
DESIGN DATA
 All concrete = 2000 p.s.i. - 28 days.
 Reinforcing Steel = 18,000 p.s.i.
 Earth Load = 35' per cu. ft. equiv. fluid pressure.
 Top Slab = 250' per sq. ft. live load.



NOTE: Provide in Metal Cabinet one 110 V. plug receptacle for extension light cord and switch for lights of ceiling inside vault.

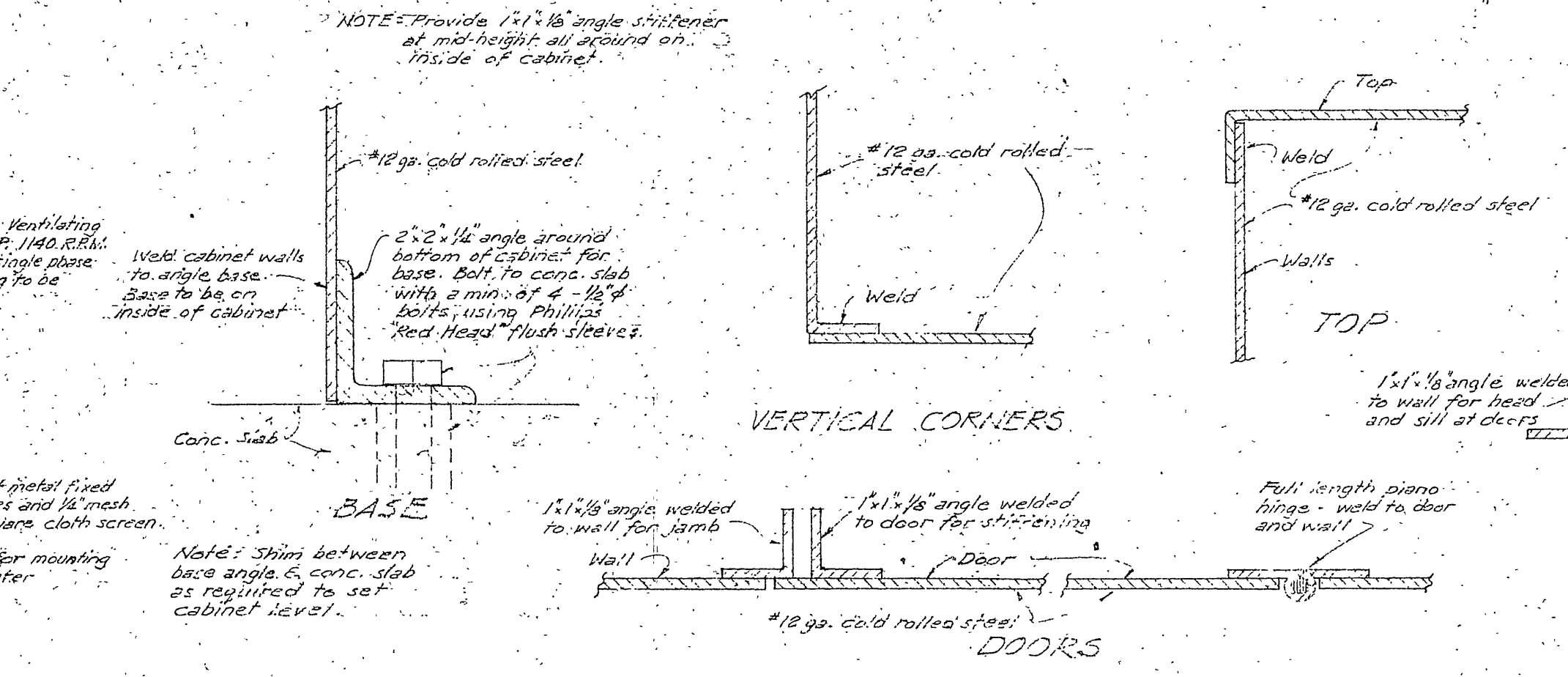


NOTE: Provide 3 rails of 1" dia. holes staggered at 3" o.c. with 1/2" mesh hardware cloth on inside of cabinet, at top, east side, and at bottom west side for ventilation, as shown.



CONSTRUCTION NOTES

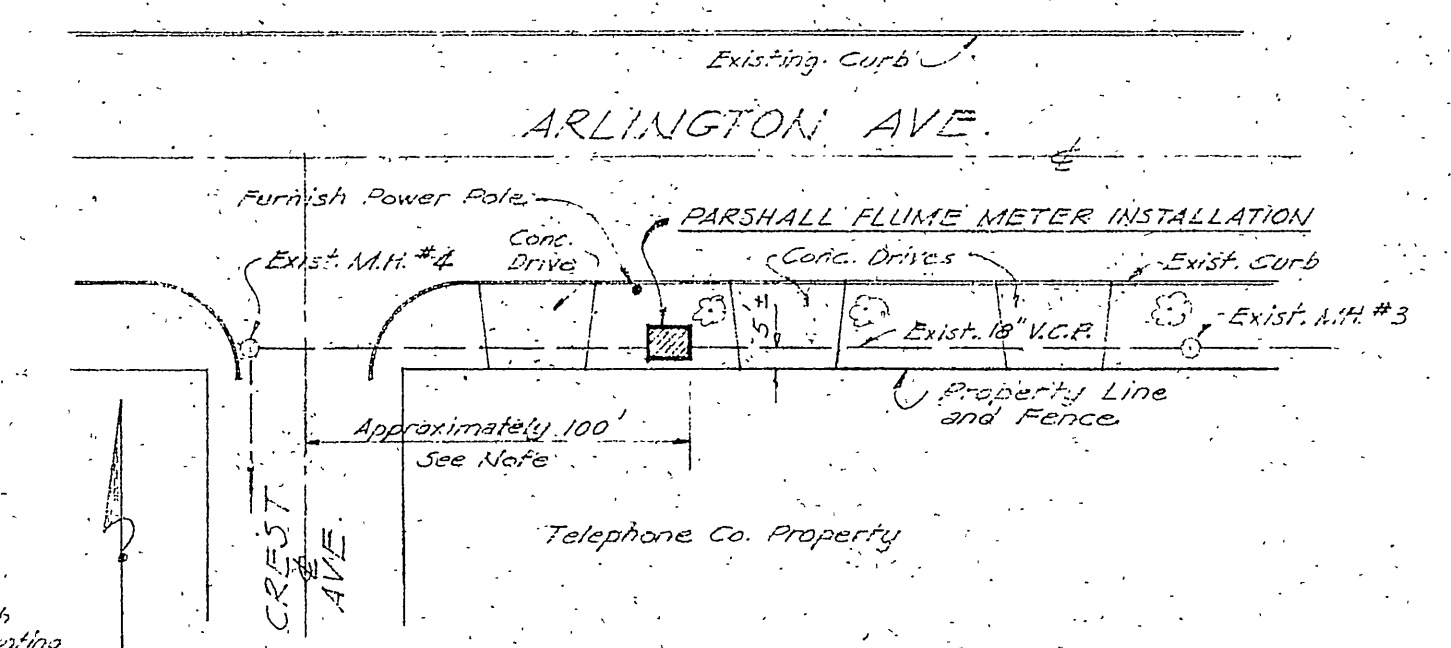
- Concrete to be G Jacks cement per 60' cu. yd. with 1" max. aggregate.
- Concrete and steel to be made and placed in accordance with the Uniform Building Code.
- All backfill to be compacted by tamping.
- Forms for concrete walls shall be constructed true to line and grade and shall be braced and tied adequately to prevent deformation during pouring.
- Grout to be placed around flume liner to be 1 1/2" x 2 1/2" concrete.



NOTE: Provide 1 1/2" angle stiffener at mid-height all around on inside of cabinet.

NOTE: Shim between base angle & conc. slab as required to set cabinet level.

NOTE: Paint Metal Cabinet inside and outside with one coat of Zinc Chromate Primer - Rust-Inhibitor #300 and two coats of Rust-Stop #323 Aluminum paint.



NOTE: Location of structure along sewer is governed by location of bells on exist. 18" pipe. Downstream inside wall face is to be placed 3" downstream from end of bell.

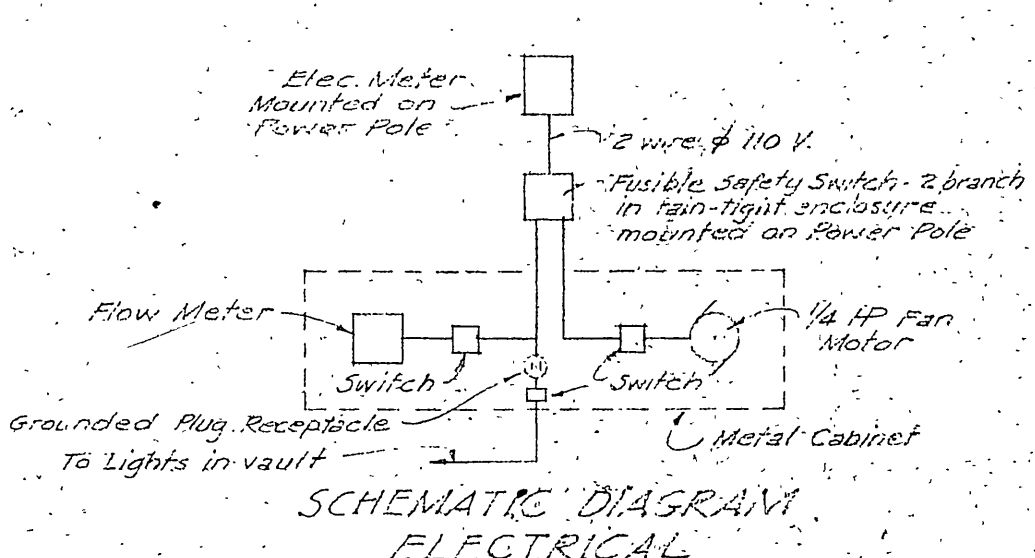
SUGGESTED CONSTRUCTION SEQUENCE

- Excavate, pierce concrete or brick for support under existing sewer line, set 24" R.C.P. section in place and place and compact backfill around outside pipe to bottom slab grade.
- Pour bottom slab and 6" concrete bottom in 24" R.C.P. Slab to be 1/2" from finish an inter channel to flume and north of interior wall.
- Pour the exterior walls.
- Put interior wall and the walls of channel west of west end of flume liner. Leave openings for both pipe connections to liner.
- Make suitable frame and set anchors to hold flume liner accurately and securely in position for grouting.
- Break out existing pipe through manhole and set flume liner and connecting piping, and form for bottom of upstream approach channel.
- Pour grout around flume liner.
- Install float well.
- Pour top slab and complete installation.

NOTES ON STEEL REINFORCEMENT

Where reinforcing steel is interrupted by pierce basing thru concrete walls or slabs, the main reinforcing shall be spread to miss the pierce, or the equivalent area of steel shall be maintained by additional bars extending 10 diameters each side of opening.

Sections showing no reinforcement shall be reinforced as shown on sections showing typical reinforcement for the particular unit.



Conduit from power pole to be run underground and buried in top side of meter pit, all wiring to be in rigid conduit. Power Pole to extend 16" min. above ground and 4" below ground, and to be installed in strict accordance with the requirements of the Southern California Electric Co. and the County regulations.

PARSHALL FLUME METER INSTALLATION
 LA SIERRA
 COMMUNITY SERVICES DISTRICT
 1960
 CURRIE ENGINEERING COMPANY

PLAN & DETAILS
 FILE WITH 5-511-A

REVISED-7/25/60