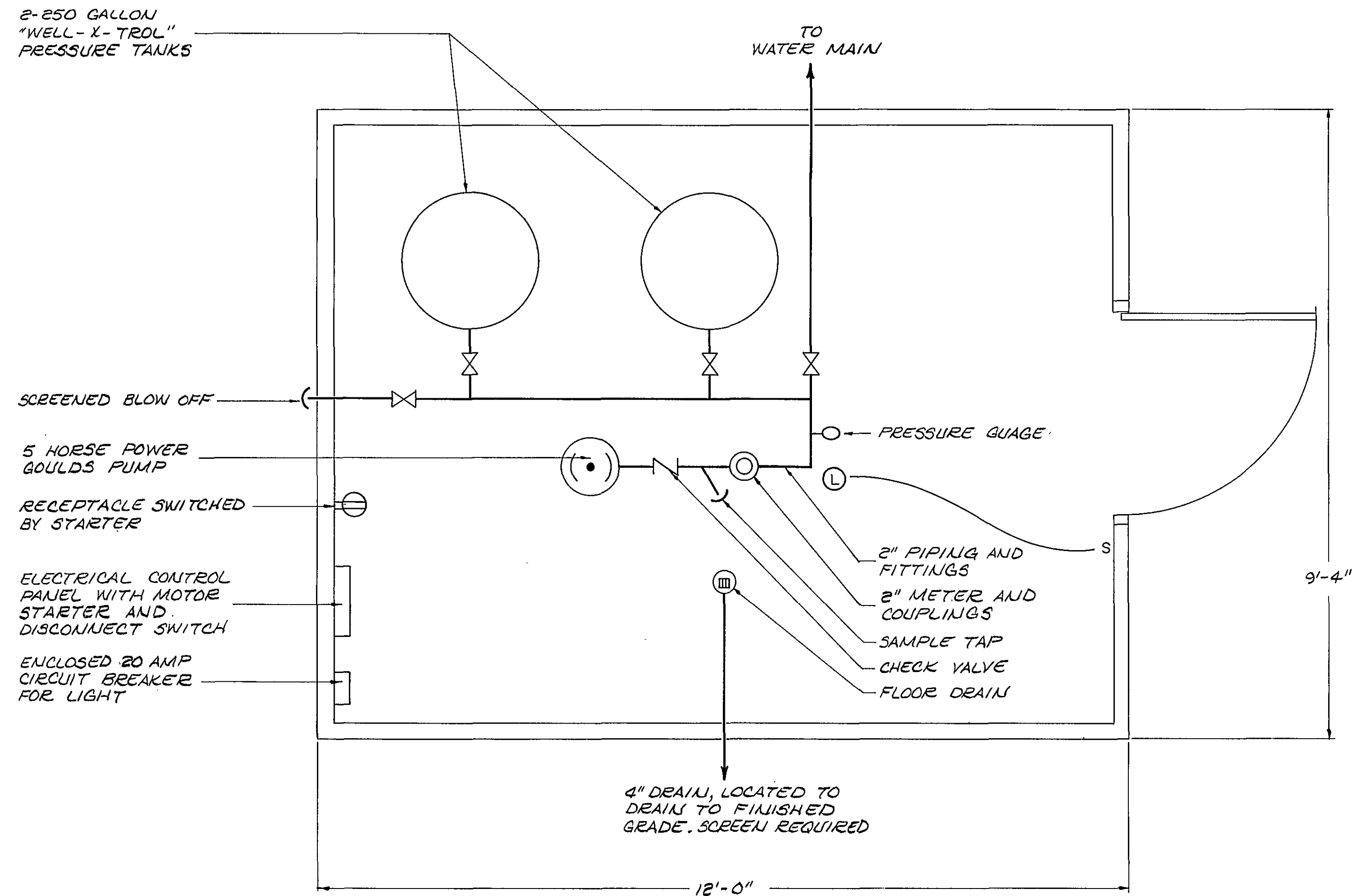


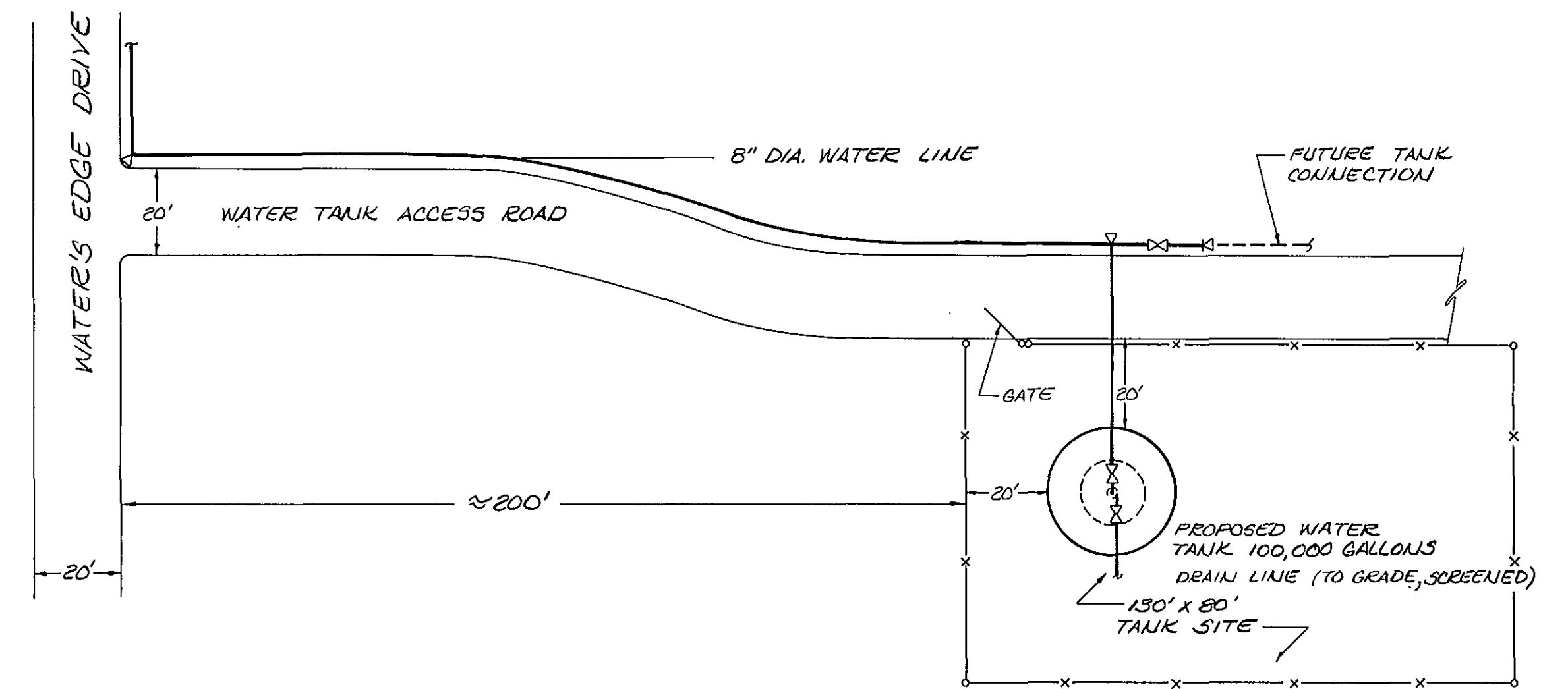


- NOTES:**
1. WELL HOUSE FLOOR SHALL BE CONSTRUCTED OF 3000 PSI CONCRETE REINFORCED WITH #4 BARS 12" ON CENTER IN BOTH DIRECTIONS.
 2. WELL SHALL BE LOCATED A MINIMUM OF 3 FEET FROM EDGE OF FLOOR.
 3. SLOPE FLOOR 1/4 INCH PER FOOT TOWARDS FLOOR DRAIN.
 4. WELL SHALL BE PROVIDED WITH A SANITARY SEAL ON TOP OF WELL CASING.
 5. BLOWOFF SHALL BE SCREENED AND INSTALLED WITH DOWN-TURNED ELBOW.
 6. SAMPLING TAP SHALL DISCHARGE DOWNWARD AWAY FROM WELL CASING.
 7. WELL CASING SHALL EXTEND A MINIMUM OF 12 INCHES ABOVE FLOOR.
 8. ALL WELL DISCHARGE PIPING SHALL BE CLASS 125 GALVANIZED STEEL ACCORDING TO ASTM SPECIFICATIONS AND DISINFECTED IN ACCORDANCE WITH AWWA REQUIREMENTS.
 9. A SPOOL PIECE SHALL BE PROVIDED TO REPLACE WATER METER DURING MAINTENANCE OR SERVICE.
 10. WELL PUMP SHALL BE OPERATED BY A PRESSURE SWITCH.
 11. WELL HOUSE ROOF SHALL BE CONSTRUCTED SO AS TO BE EASILY REMOVED.
 12. WELL HOUSE SHALL BE EQUIPPED WITH INTERIOR LIGHT AND HEATER TO PREVENT FREEZING.
 13. WELL LOT SHALL BE GRADED TO DIVERT SURFACE RUNOFF AWAY FROM WELL HOUSE.
 14. WELL SHALL BE DISINFECTED BY POURING A LIQUID CHLORINE SOLUTION UNTIL THERE IS A RESIDUAL CHLORINE CONCENTRATION OF 50 mg/l AND LETTING THE MIXTURE REMAIN IN THE WELL FOR 24 HOURS. AFTER THE WELL HAS BEEN THOROUGHLY PUMPED AND ALL THE CHLORINE HAS BEEN REMOVED, THE WELL SHALL BE TESTED FOR BACTERIOLOGICAL CONTAMINATION. A SERIES OF NINE BACTERIOLOGICAL SAMPLES SHALL BE TAKEN FROM THE WELL. IF BACTERIA IS FOUND, AN ADDITIONAL 20 SAMPLES SHALL BE TAKEN TO DETERMINE THE MOST PROBABLE NUMBER (MPN).

WELL HOUSE

SCALE: 3/4" = 1'-0"

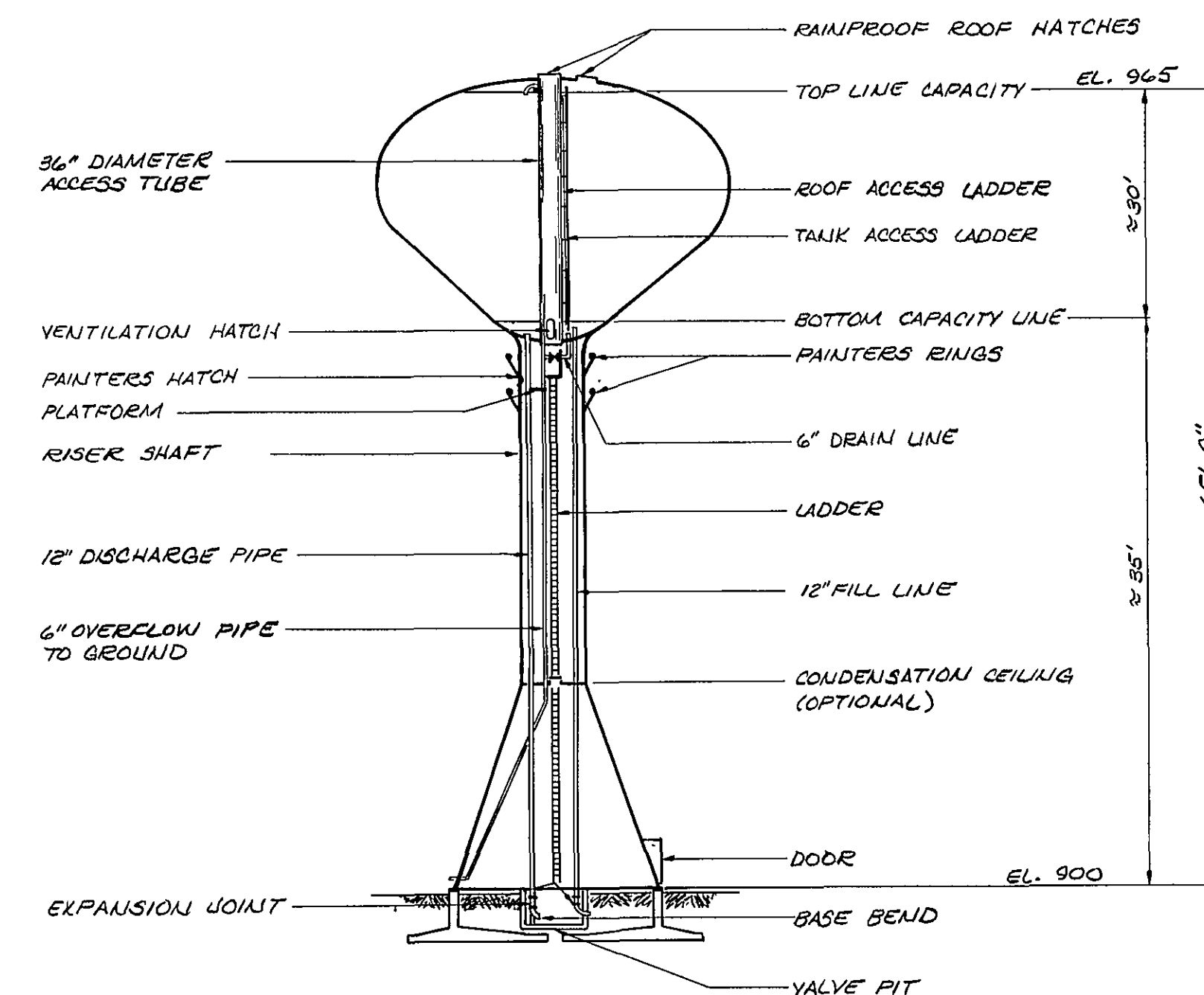
103.1
103



WATER TANK SITE PLAN

SCALE: 1" = 30'-0"

103.2
103



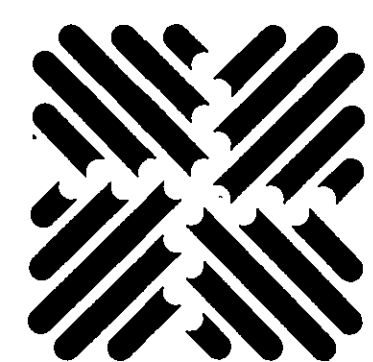
NOTES:

1. TANK SHALL BE ERECTED ON SITE, AND DISINFECTED BY FILLING WITH 50 PPM CHLORINE AND HOLDING FOR 24 HOURS. AFTER 24 HOURS THE TANK SHALL BE DRAINED AND REFILLED AND 2 BACTERIOLOGICAL SAMPLES TAKEN AT 24 HOUR INTERVALS FOUND TO BE FREE OF COLIFORM ORGANISMS BEFORE THE TANK IS PUT IN SERVICE. IF TESTS FAIL, DISINFECTION AND SAMPLING SHALL BE REPEATED.
2. PAINTING SHALL CONFORM TO AWWA SPECIFICATIONS D-102 LATEST REVISION. INTERIOR WETTED SURFACES SHALL BE PAINTED IN ACCORDANCE WITH AWWA INSIDE PAINT SYSTEM NUMBER 1 WITH Tnemec COMPANY, INC. MATERIALS AS FOLLOWS:
SURFACE PREP: SSPC-SP10 NEAR WHITE BLAST CLEANING
RIVET AND SEAM SEALER: 62-1400
PRIMER: 20-1255 POTA-POK
PRIMER 40-60 MILS (DRY FILM)
FINISH COAT: 20-2000 POTA-POK FINISH
4.0-6.0 MILS (DRY FILM)
EXTERIOR STEEL SHALL BE PAINTED IN ACCORDANCE WITH AWWA OUTSIDE PAINT SYSTEM NUMBER 1 WITH Tnemec COMPANY, INC. MATERIALS AS FOLLOWS:
SURFACE PREP: SSPC-SP6 COMMERCIAL BLAST CLEANING
PRIMER: 20-1255 POTA-POK PRIMER
2.0-3.0 MILS (DRY FILM)
INTERMEDIATE COAT: 20-1255 POTA-POK PRIMER
2.0-3.0 MILS (DRY FILM)
FINISH COAT: 71-COLOR ENDURA-SHIELD
1.5-2.5 MILS (DRY FILM)
3. ALL EXPOSED PIPES SHALL BE PROTECTED FROM FREEZING.
4. OVERFLOW AND DRAIN LINES SHALL DISCHARGE ON CONCRETE SPLASH BLOCKS.
5. PROVIDE SAMPLE TAP ON TANK DISCHARGE LINE.

100,000 GALLON WATERSPHERE

NO SCALE

103.3
103



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Designed WCK

Drawn SLH

Checked KEM

Scale AS SHOWN

Job No 10645

Date JULY 30, 1986

THE WATER'S EDGE

WELL HOUSE AND WATER TANK

Rev.	Description	Date	By
4	REVISED INTERNAL TANK PIPING	11/3/86	RMR
3	VDH SUBMITTAL - ADD DETAIL 103.3	8/4/86	RMR
2	VDH SUBMITTAL	7/31/86	WCK

Sheet No.

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File No.