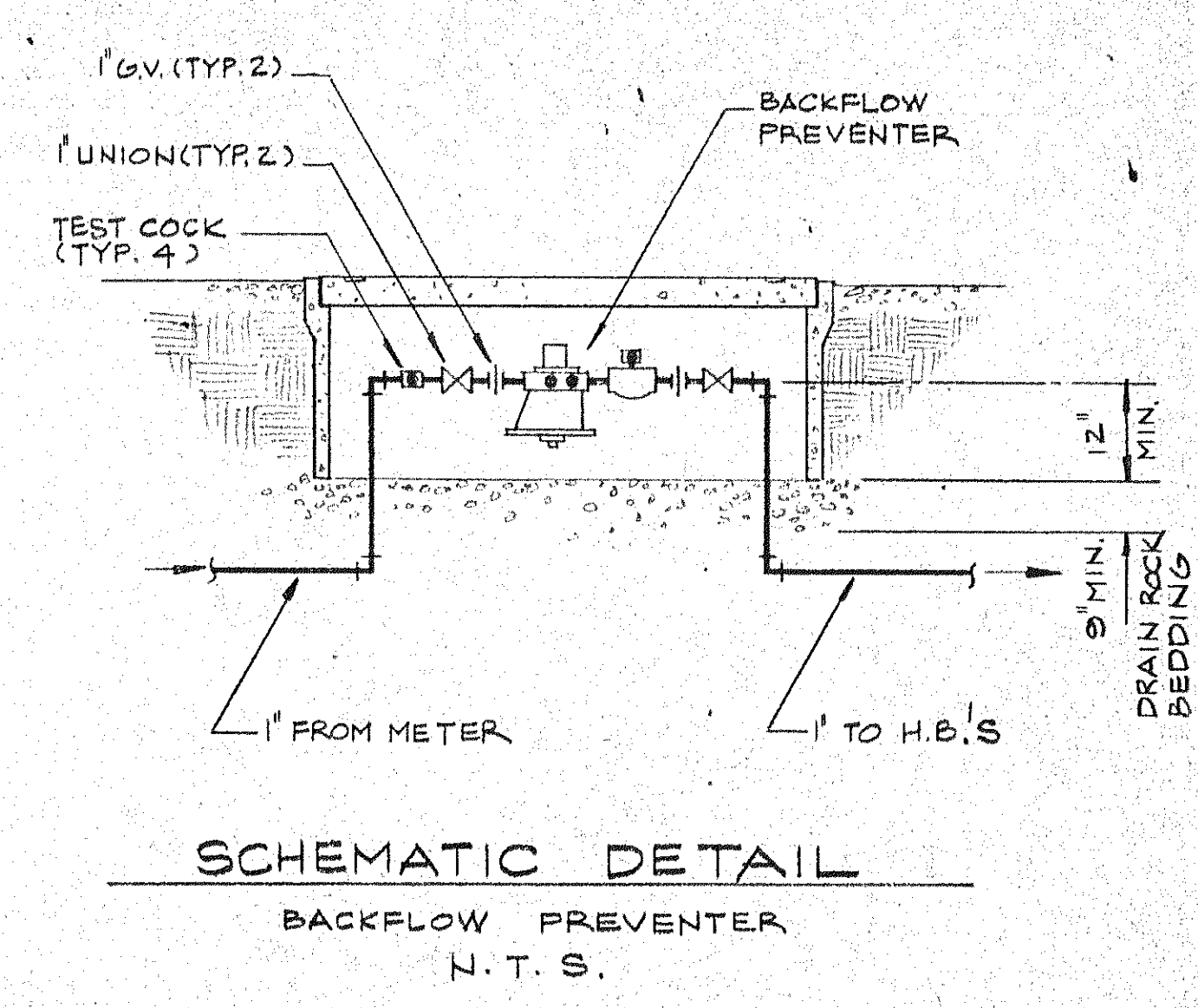
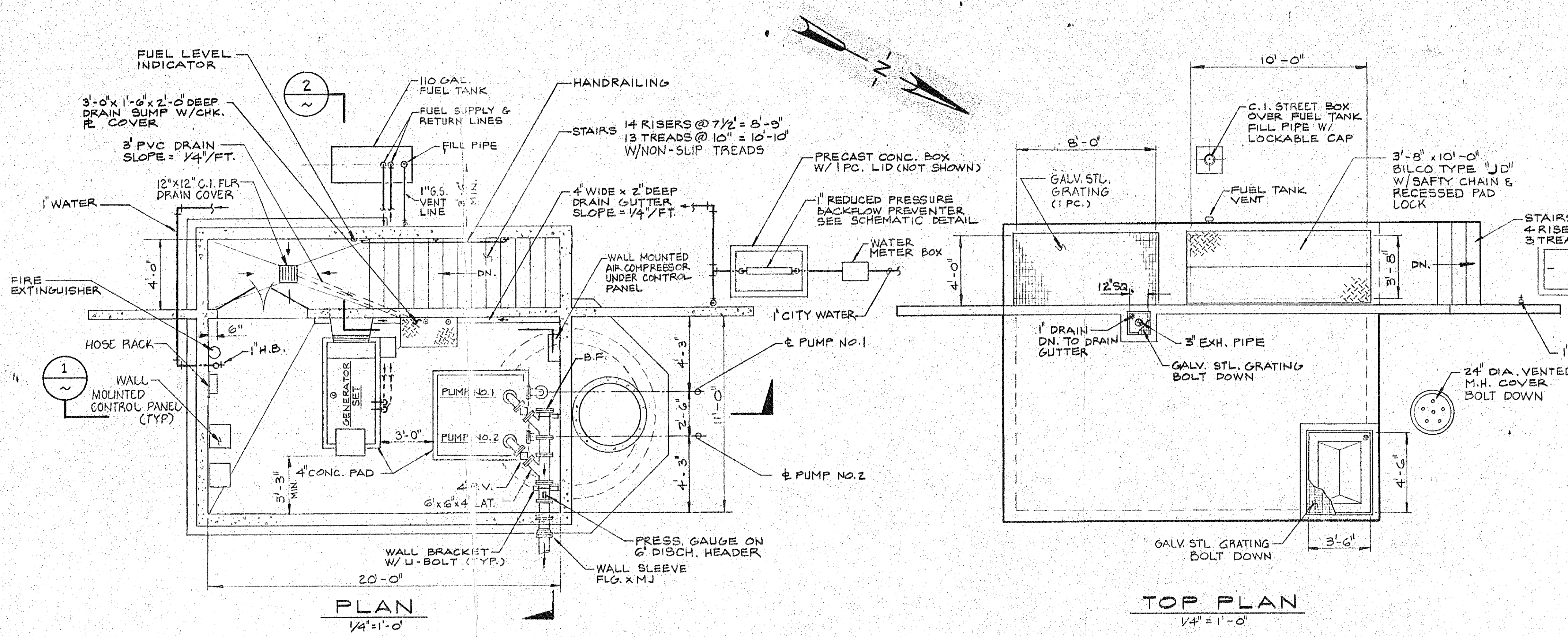
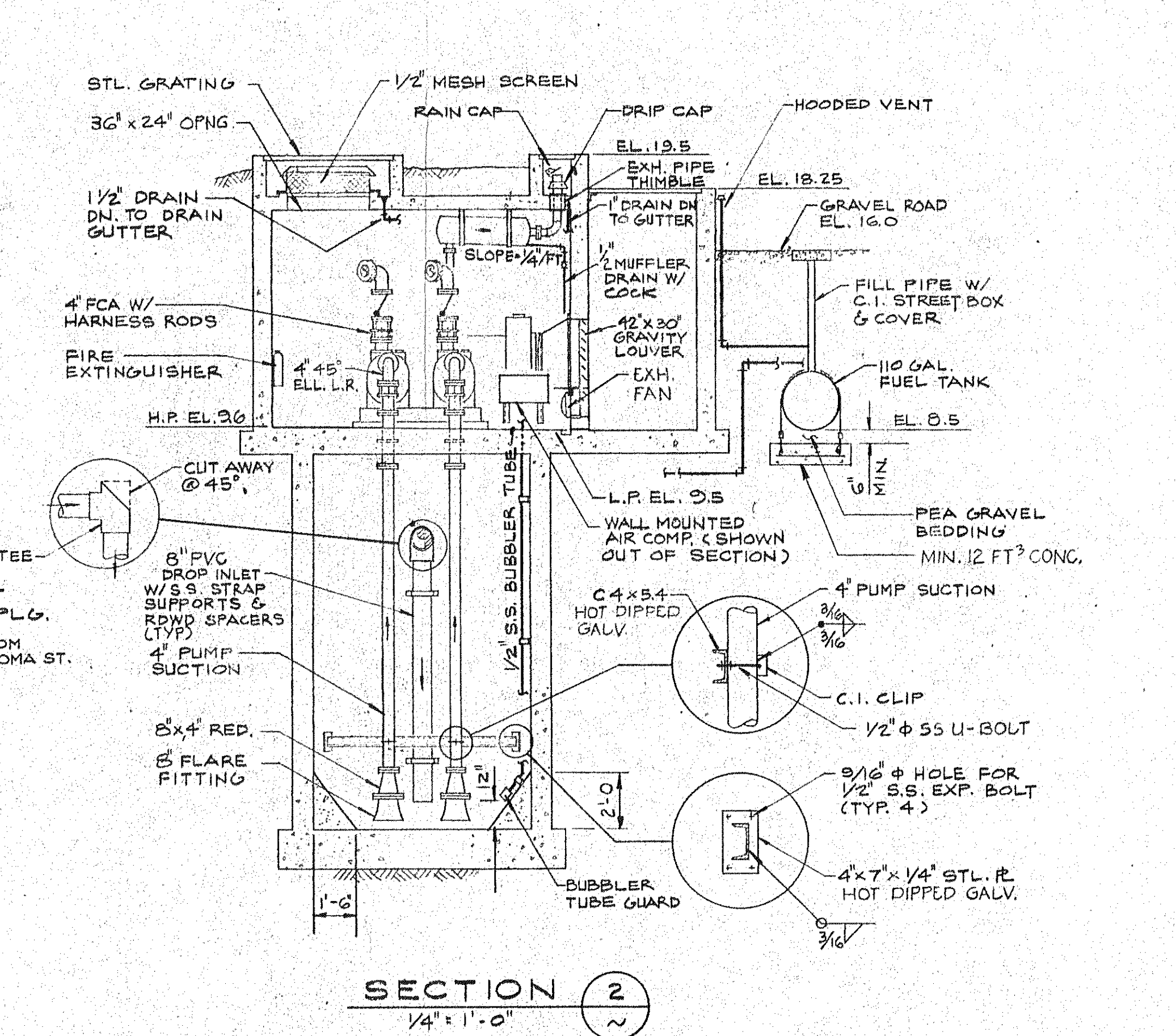
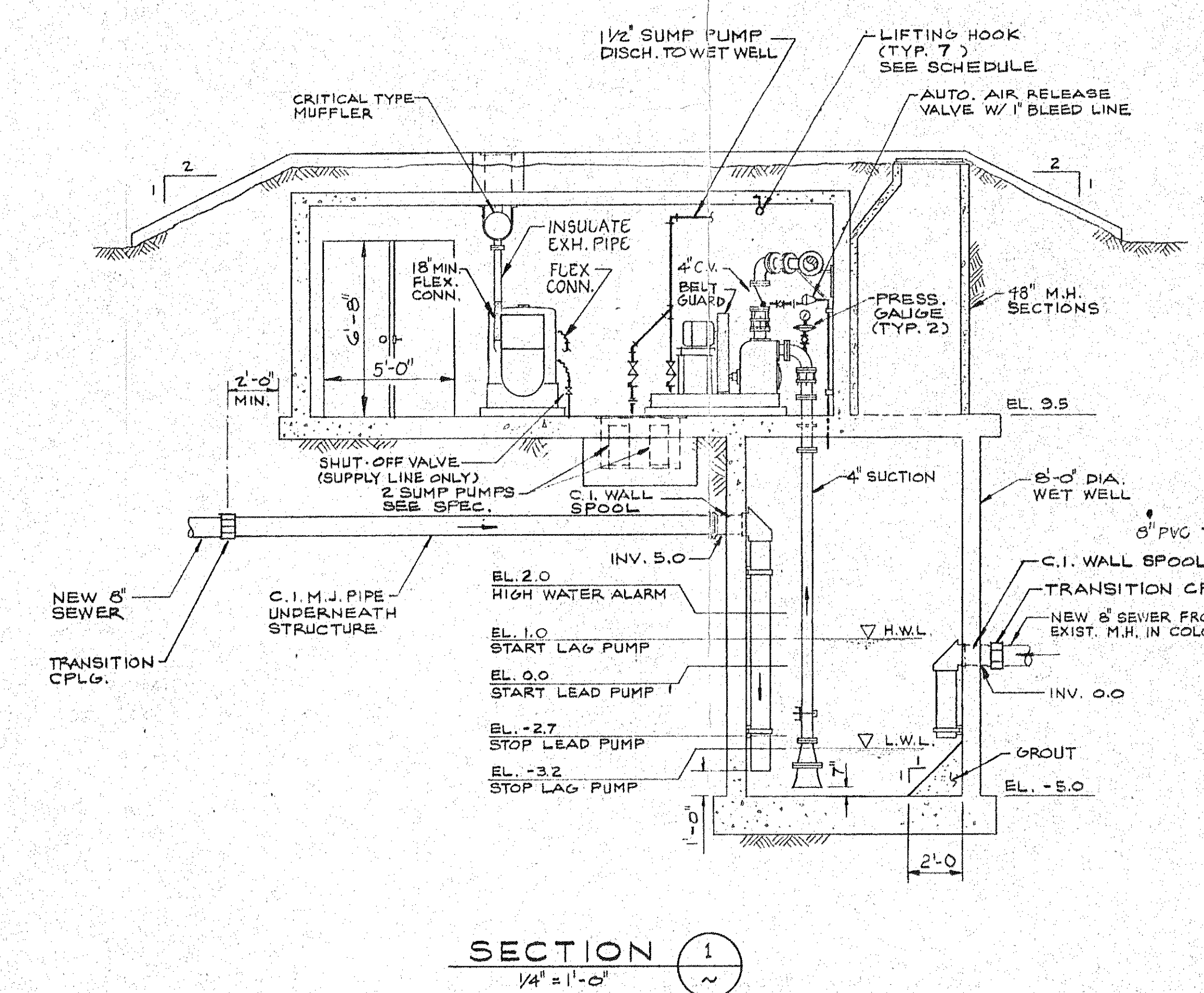




LIFTING HOOK SCHEDULE

LOCATION	MIN. CAPACITY	NO. REQ'D.
SEWAGE PUMPS	1,000 LBS.	2
MOTORS	1,000 LBS.	2
SUMP PUMPS	500 LBS.	1
ALTERNATOR	2,000 LBS.	1
ENGINE	4,000 LBS.	1

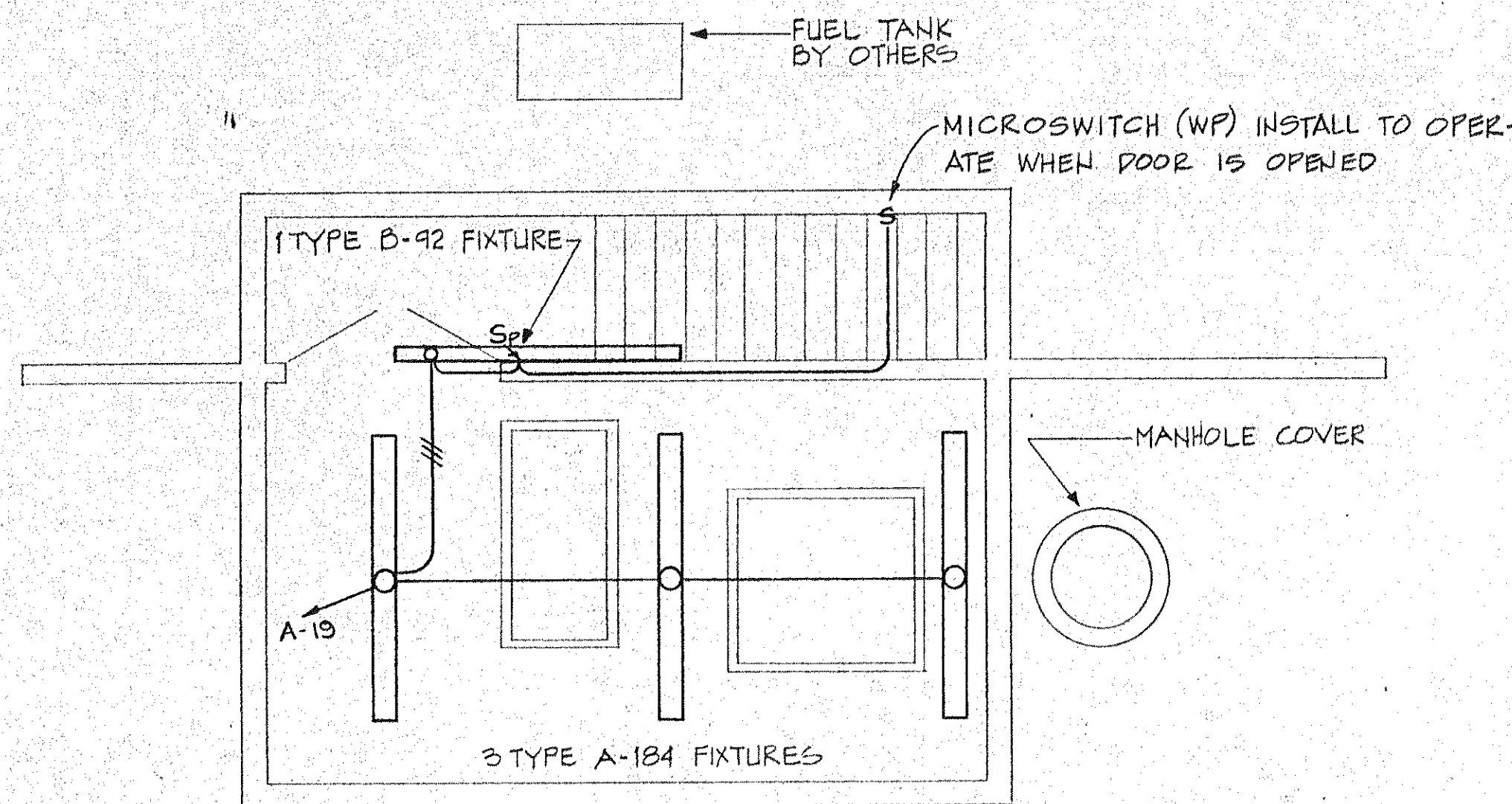


NOTE:
ALL METAL WORK (EXCEPT S.S.) IN WET WELL
TO BE COATED W/ 2-20 MIL. COATS OF
COPPER-BITUMASTIC PAINT.

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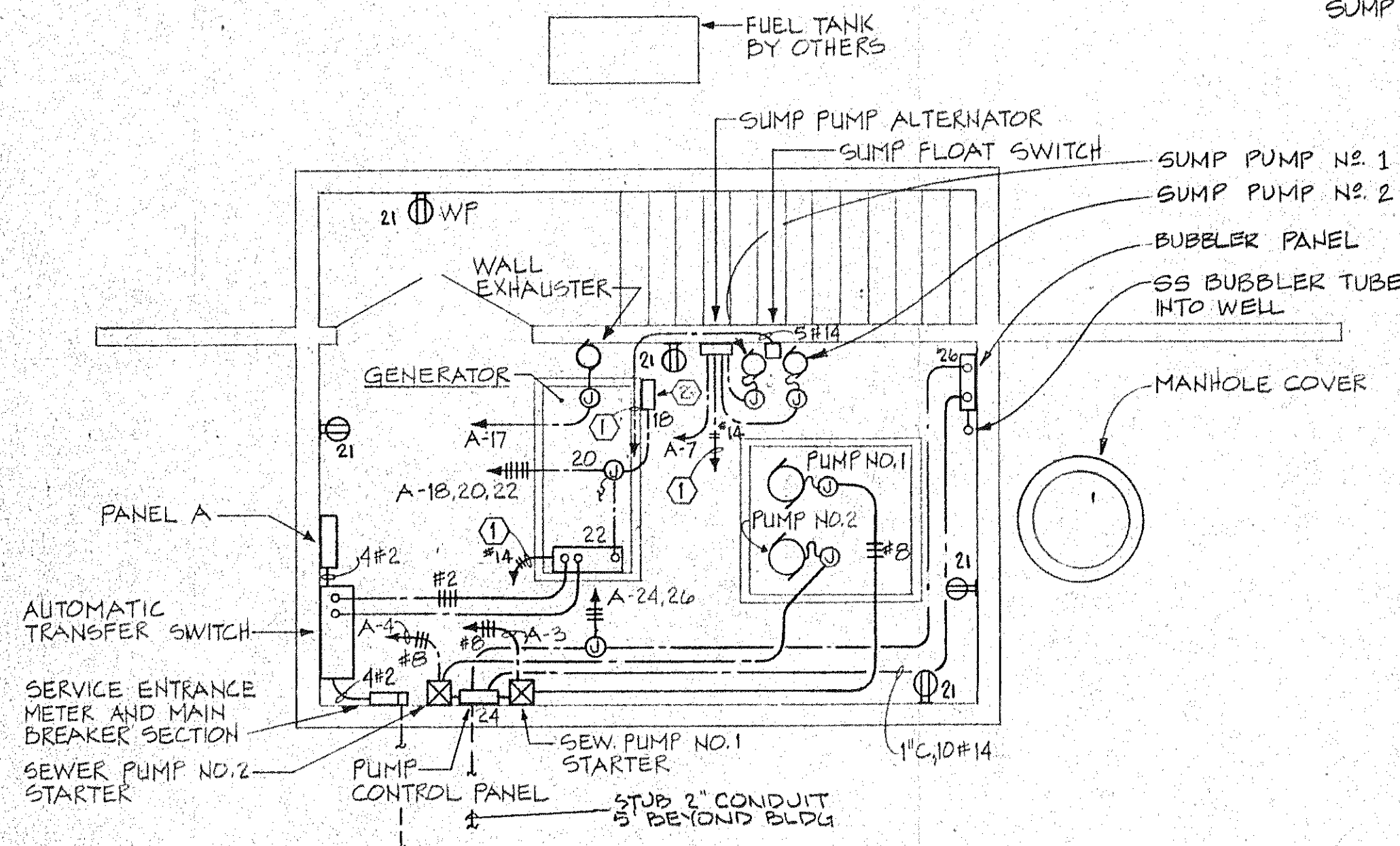
2097

NO.	REVISION	BY	DATE

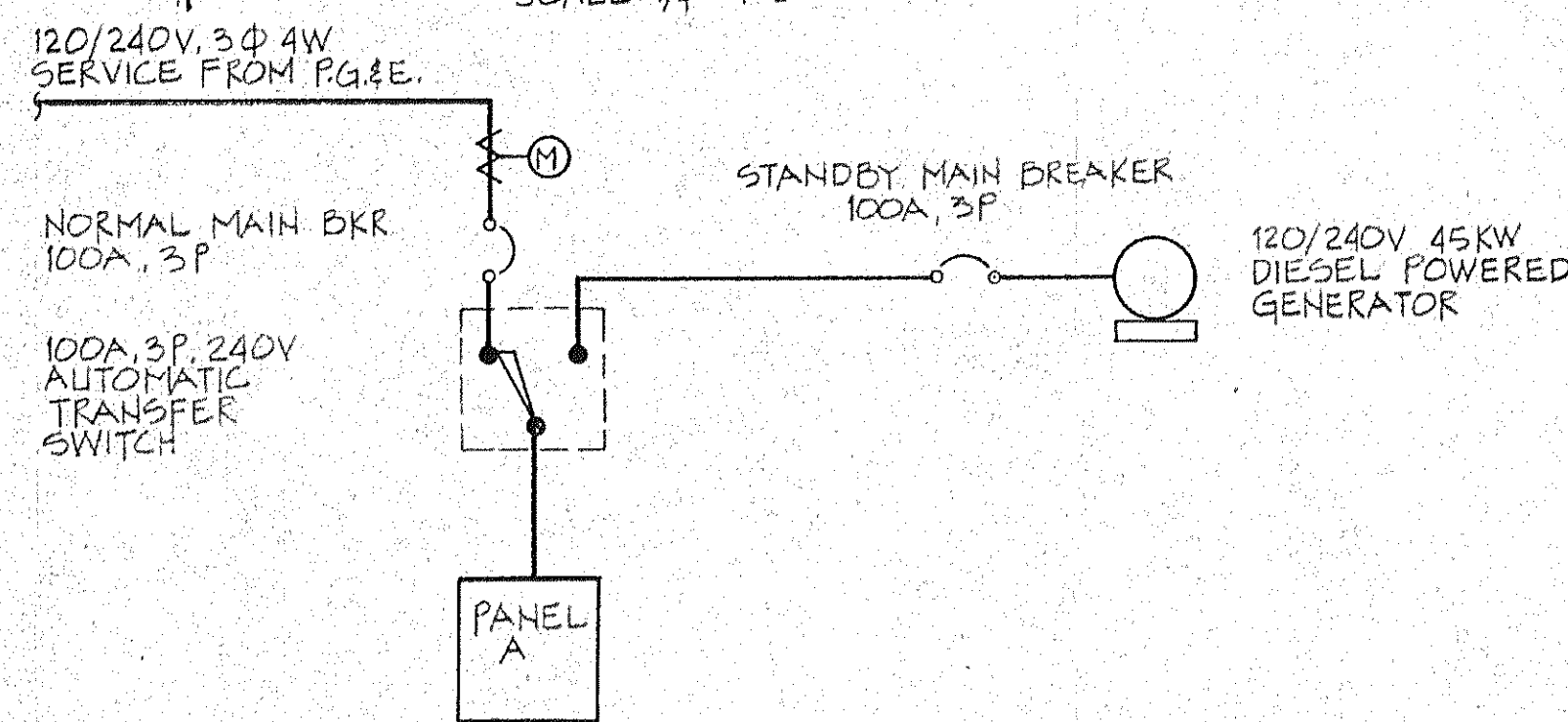


LIGHTING PLAN
SCALE: 1/4" = 1'-0"

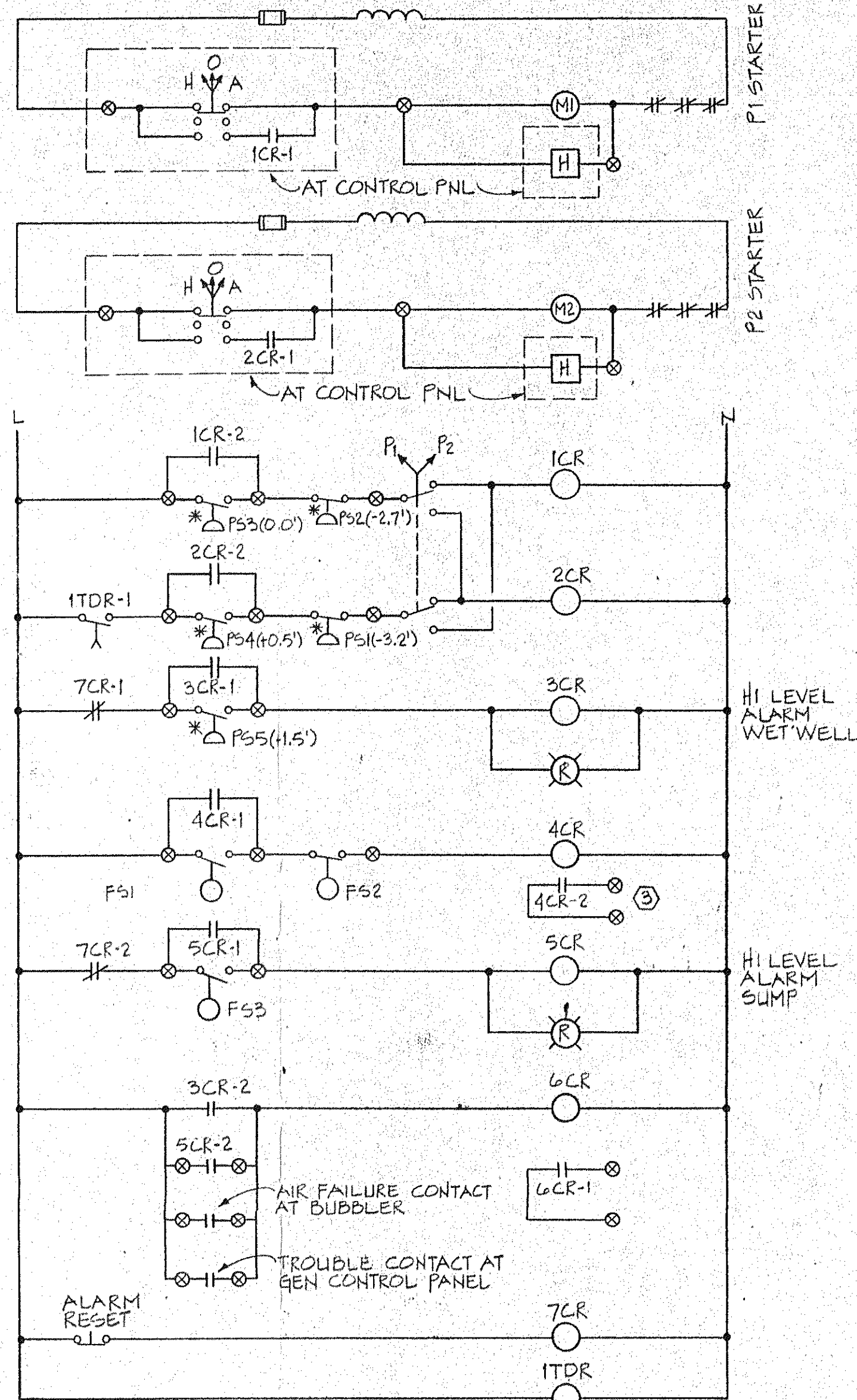
NOTE: FS1 & FS2 ARE SUPPLIED AS PART OF THE SUMP PUMP PACKAGE



POWER PLAN
SCALE: 1/4" = 1'-0"



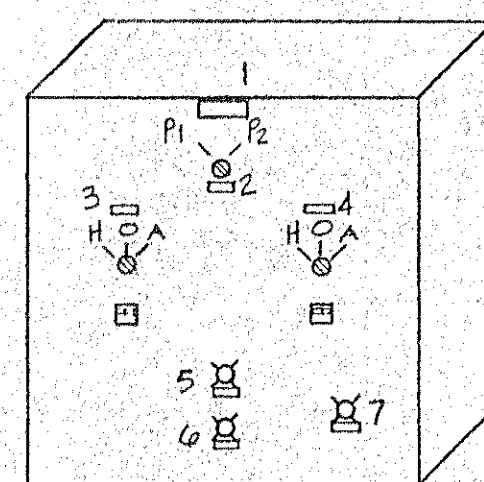
PARTIAL SINGLE-LINE DIAGRAM



PUMP CONTROL WIRING DIAGRAM

NAMEPLATE SCHEDULE

1. PUMP CONTROL PANEL
2. LEAD PUMP SELECT SWITCH
3. PUMP P1
4. PUMP P2
5. WELL HIGH LEVEL
6. SUMP HIGH LEVEL
7. ALARM RESET



PUMP CONTROL PANEL ELEVATION
SCALE: 1" = 1'-0"

NUMBERED NOTES

- ① ROUTE TO PUMP CONTROL PANEL
- ② BATTERY CHARGER
- ③ TERMINALS FOR CONNECTION TO SUMP PUMP ELECTRICAL ALTERNATOR AS DEVICE A. NO CONNECTION WILL BE MADE AS DEVICE B.

EQUIPMENT SCHEDULE

ITEM	MFGR & CAT.#	REMARKS
METER/MAIN BKR, SECT.	CIRCLE AW #UGAW1M1RMCC-7 SQUARE D G.E.	SHALL INCLUDE 100A/3P MAIN CIRCUIT BREAKER. EQUIPMENT SHALL BE RATED FOR SERVICE ENTRANCE. COORDINATE INSTALLATION WITH UTILITY CO.
AUTOMATIC TRANSFER SWITCH	ZENITH #ZTS10E- EHT ASCO RUSSELL	100A/3P SWITCH WITH ENGINE START CONTACT DELAYED 5 SECONDS, ADJUSTABLE 0-60 SEC. TIME DELAY ON RETRANSFER TO NORMAL AND RATED 120/240V, 50, 4W. FURNISH IN NEMA 1 ENCLOSURE.
PANEL A	SQUARE D G.E. WESTINGHOUSE	SEE PANEL SCHEDULE IN SPECIFICATIONS FOR PANEL RATINGS.
SUMP PUMP ELECTRIC ALTERNATOR	SQUARE D TYPE HG-1 G.E. WESTINGHOUSE	CONNECT CONTACT FROM RELAY 4CR AS PILOT DEVICE 'A'. NOTHING WILL BE CONNECTED AS PILOT DEVICE 'B'.
SEWAGE PUMP SEPARATELY ENCLOSED STARTER	SQUARE D TYPE SDA-1 G.E. WESTINGHOUSE	NEMA SIZE 2 MAGNETIC STARTER FOR STARTING 10 HP, 230V, 30 MOTOR. FURNISH WITH CONTROL POWER TRANSFORMER AND SECONDARY FUSE PROTECTION.
SUMP FLOAT SWITCH HIGH LEVEL ALARM	GEMS #LS-270 MULTI STATION LIQUID LEVEL SWITCHES	BRACKET MOUNTED SINGLE STATION LEVEL SWITCH, 50 WATT, N.O. CONTACT.
PUSHBUTTONS, SWITCHES LIGHTS	SQUARE D CUTTLER-HAMMER	HEAVY DUTY OILTIGHT TYPE WITH LEGENDS PER DRAWING. LIGHTS SHALL BE PUSH-TO-TEST TYPE.
RELAYS 1 CR-7CR	POTTER BRUMFIELD SQUARE D	DUST TIGHT PLUG-IN RELAYS. 120 V COIL, 10 AMP CONTACTS. FURNISH ALL REQUIRED BASES, TRACK AND MISC. MOUNTING HARDWARE. ALL RELAYS SHALL BE 3PDT.
1TDR	POTTER BRUMFIELD SQUARE D	TIME DELAY RELAY ON ENERGIZATION. 120V COIL, 10 AMP CONTACT, NUMBER OF POLES AS REQUIRED.
RUNNING TIME METER	G.E. WESTINGHOUSE	NON-RESETABLE HOUR METER INSTALLED IN PUMP CONTROL PANEL.
TERMINAL STRIPS	SQUARE D G.E.	AS REQUIRED PLUS 25% SPARE
BUBBLER PANEL		SEE SPECIFICATIONS.
LIGHT SWITCH	BRYANT #4801-GL1 HUBBLE #1201-1L	INSTALL IN PARALLEL WITH SWITCH AT ENTRY DOORS. PILOT LIGHT.

SYMBOLS LIST

- FLUORESCENT FIXTURE, SURFACE MOUNTED
- ⊕ DUPLEX RECEPTACLE, 15A, 120V, 3W, GROUND TYPE.
- ⊗ MAGNETIC MOTOR STARTER
- Sp TOGGLE SWITCH WITH PILOT LIGHT
- ⊙ JUNCTION BOX
- ⊙ ELECTRIC MOTOR
- ⊙ PRESSURE SWITCH
- ⊙ FLOAT SWITCH
- ⊙ CIRCUIT BREAKER
- CONDUIT RUN EXPOSED. CROSS MARKS INDICATE NUMBER OF #12 CONDUCTORS UNLESS OTHERWISE NOTED. NO CROSSMARKS INDICATES 2 #12 CONDUCTORS.

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