

NOTES:

- CONTRACTOR MUST VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH ANY PORTION OF THIS WORK. DO NOT SCALE FROM DRAWINGS.
- ALL ELECTRONIC DEVICES SHOWN IN SCHEMATICS SUPPLIED BY MECHANICAL AND MOUNTED BY MECHANICAL. LINE VOLTAGE WIRING BY ELECTRICAL. LOW VOLTAGE (50V OR LESS) BY MECHANICAL.

THE ASSOCIATION OF  
PROFESSIONAL ENGINEERS  
AND THE PROVINCE OF  
NEW BRUNSWICK  
VALID FOR THE YEAR 2018

C. J. Ruddick  
No. 1459

DATE: JAN. 20, 2020

LICENSED  
PROFESSIONAL ENGINEER  
PROVINCE OF  
NEW BRUNSWICK

| FAN SCHEDULE |                    |             |                      |                |              |      |          |               |            |     |    |    |      |      |        |                            |               |                     |       |         |   |
|--------------|--------------------|-------------|----------------------|----------------|--------------|------|----------|---------------|------------|-----|----|----|------|------|--------|----------------------------|---------------|---------------------|-------|---------|---|
| TAG          | AREA SERVED        | TYPE        | MOUNTING ARRANGEMENT | FAN DATA       |              |      |          |               | MOTOR DATA |     |    |    |      |      |        | SYSTEM COMP.               |               | REMARKS/ACCESSORIES |       |         |   |
|              |                    |             |                      | AIR FLOW (L/S) | SP LOSS (Pa) | RPM  | OV (M/S) | POWER (WATTS) | MOTOR HP   | V   | PH | HZ | RPM  | ENCL | DRIVE  | BUILT-IN OVERLOAD PROTECT. | SOUND (SONES) |                     | DISC. | STARTER | ISOLATION   |
| EF-1         | FIRE PUMP BUILDING | CENTRIFUGAL | INLINE               | 725            | 60           | 1490 | -        | 201           | 0.5        | 115 | 1  | 60 | 1725 | ODP  | DIRECT | YES                        | 7.8           | YES                 | YES   | YES     | ALUMINUM FAN WHEEL, CSA APPROVED ELECTRONICALLY COMMUTATED MOTOR, VIBRATION ISOLATION MOUNT KIT, TEMPERATURE CONTROLLER WITH ANALOG OUTPUT AND CONTROL TRANSFORMER WITH AUXILIARY CONTACT, DISCONNECT SWITCH, SEISMIC CERTIFIED, INLET GUARD. |

| ELECTRIC HEATING FIXTURE SCHEDULE |                       |  |  |
|-----------------------------------|-----------------------|--|--|
| SYMBOL                            | A                     |  |  |
| TYPE                              | SUSPENDED UNIT HEATER |  |  |
| WATTS                             | 3,000                 |  |  |
| PHASE                             | 1                     |  |  |
| VOLTS                             | 208                   |  |  |
| MOUNTING                          | C                     |  |  |
| ACCESSORIES                       | COLOR ALMOND, LVRT    |  |  |

ACCESSORIES:

INDICATED ON DRAWINGS UNLESS OTHERWISE NOTED.

LVR - LOW VOLTAGE RELAY.

LVRT - LOW VOLTAGE RELAY & TRANSFORMER.

CT - 24 VOLT CONTROL TRANSFORMER.

2PC- 2 POLE CONTACTOR.

3PC- 3 POLE CONTACTOR.

BIT - BUILT-IN THERMOSTAT.

BITT - BUILT-IN TAMPER PROOF THERMOSTAT.

MOUNTING:

S - SURFACE

SR - SEMI-RECESSED

R - RECESSED

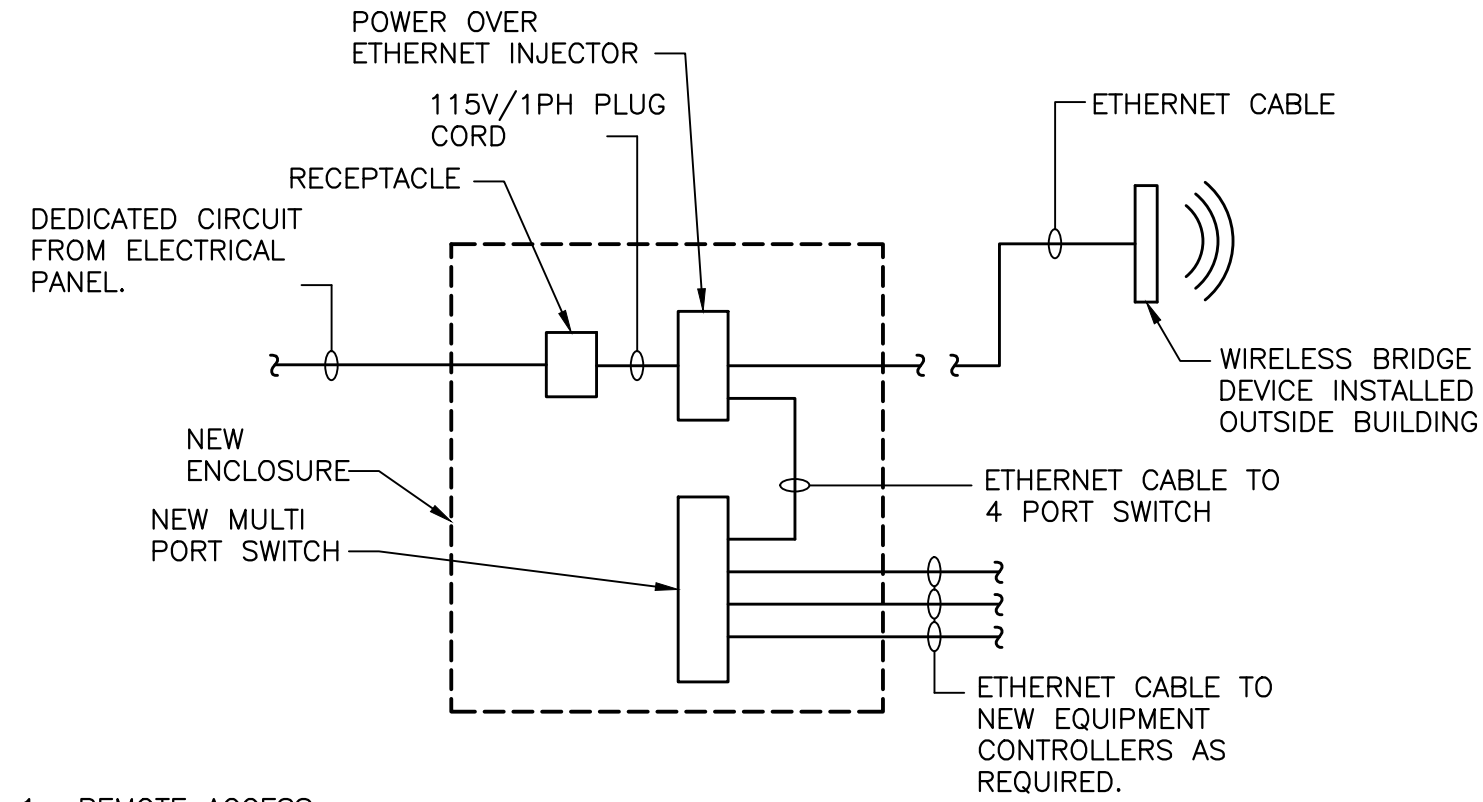
C - CEILING MOUNTED

U - UNDER FLOOR

FP - FLOOR PEDESTAL

FSB - FLOOR SUB-BASE

WS - WALL SURFACE



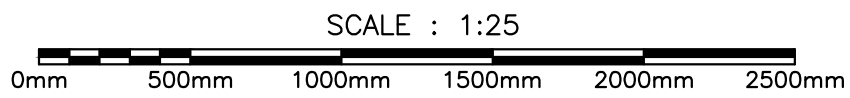
- REMOTE ACCESS:
  - ALL POINTS AND GRAPHICS PROVIDED TO ON-SITE OWS TO ALSO BE ACCESSIBLE REMOTELY FROM EXISTING OWNER WORKSTATION.
  - REMOTE OWNER WORKSTATION TO BE CAPABLE OF READING AND WRITING ALL POINTS AS DESCRIBED IN POINTS LIST ON THIS DRAWING.
- WIRELESS BRIDGE:
  - WIRELESS BRIDGE DEVICE TO BE GENERALLY INSTALLED BELOW OVERHANG UNLESS OTHERWISE NOTED. LOCATION OF DEVICE TO BE APPROVED BY DESIGN ENGINEER OR PARKS CANADA REPRESENTATIVE PRIOR TO INSTALLATION.
  - DEVICE TO COMPATIBLE WITH EXISTING SYSTEM ON SITE INSTALLED AND SERVICED BY CONTROLS AND EQUIPMENT.

DETAIL - CONTROLS SCHEMATIC - NETWORK ARCHITECTURE

SCALE: N.T.S.

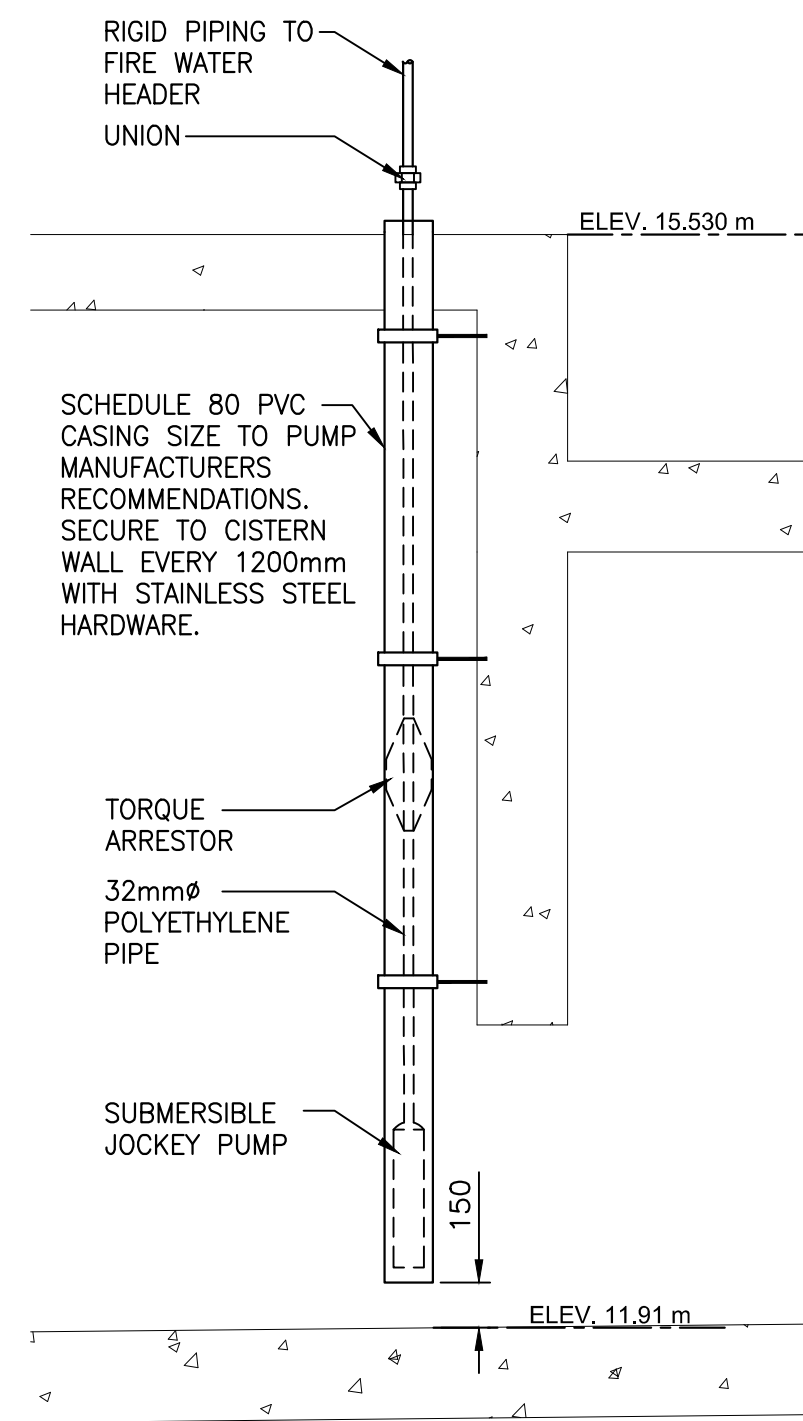
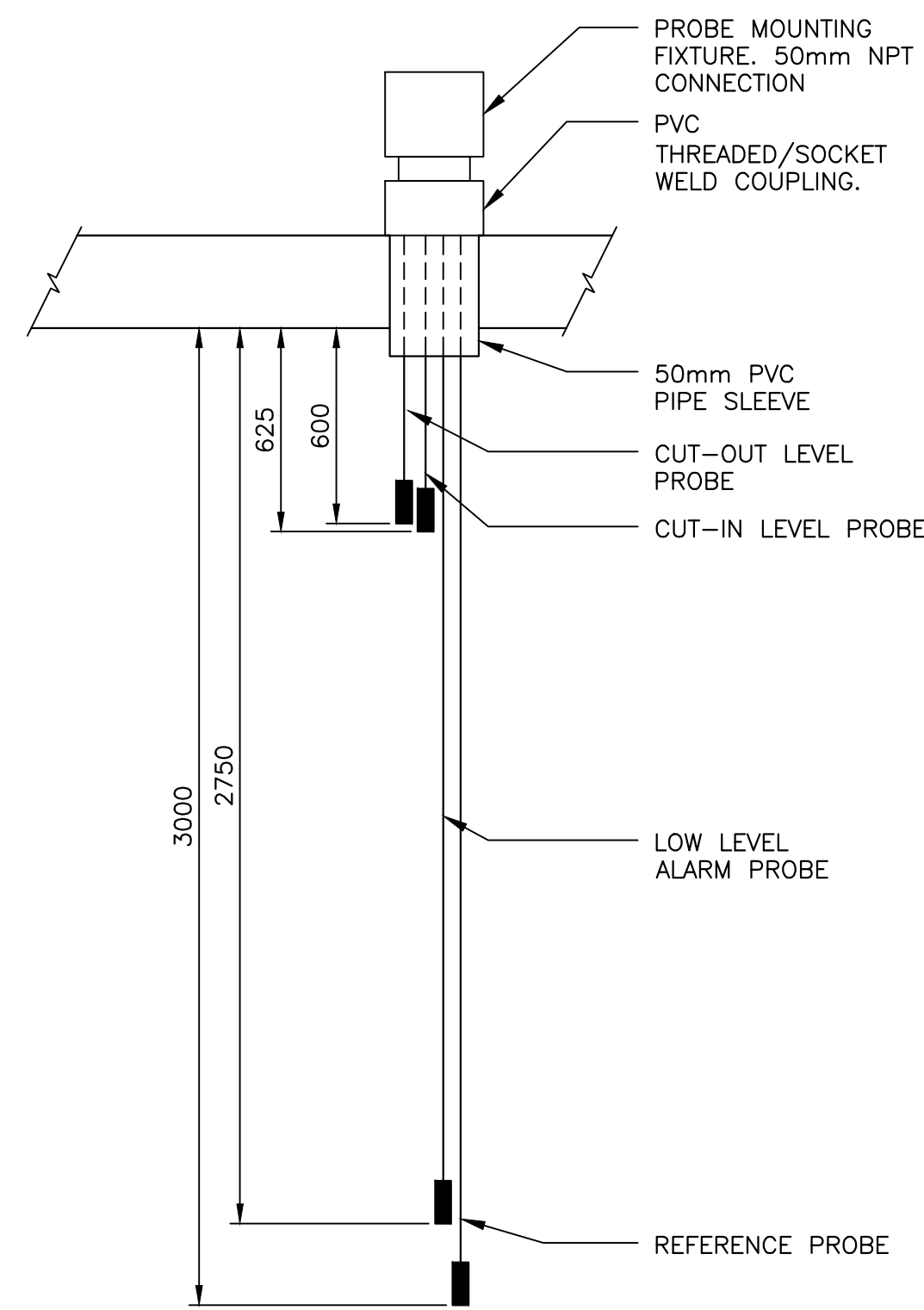
GENERATOR EXHAUST ROOF THIMBLE

SCALE: 1:25



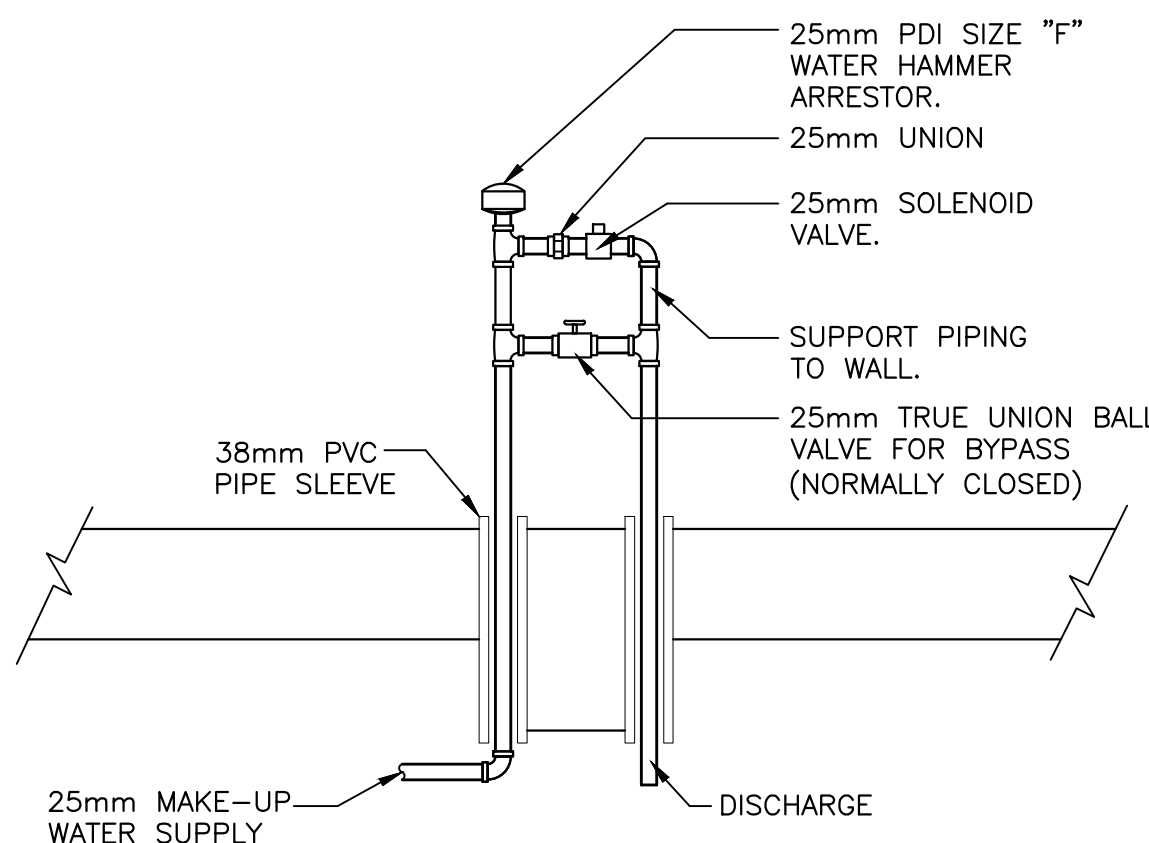
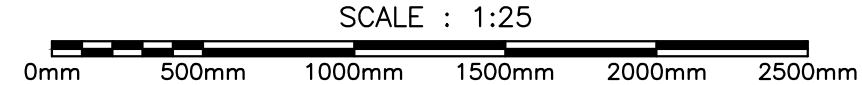
CISTERN LEVEL CONTROL PROBE DETAIL

SCALE: N.T.S.



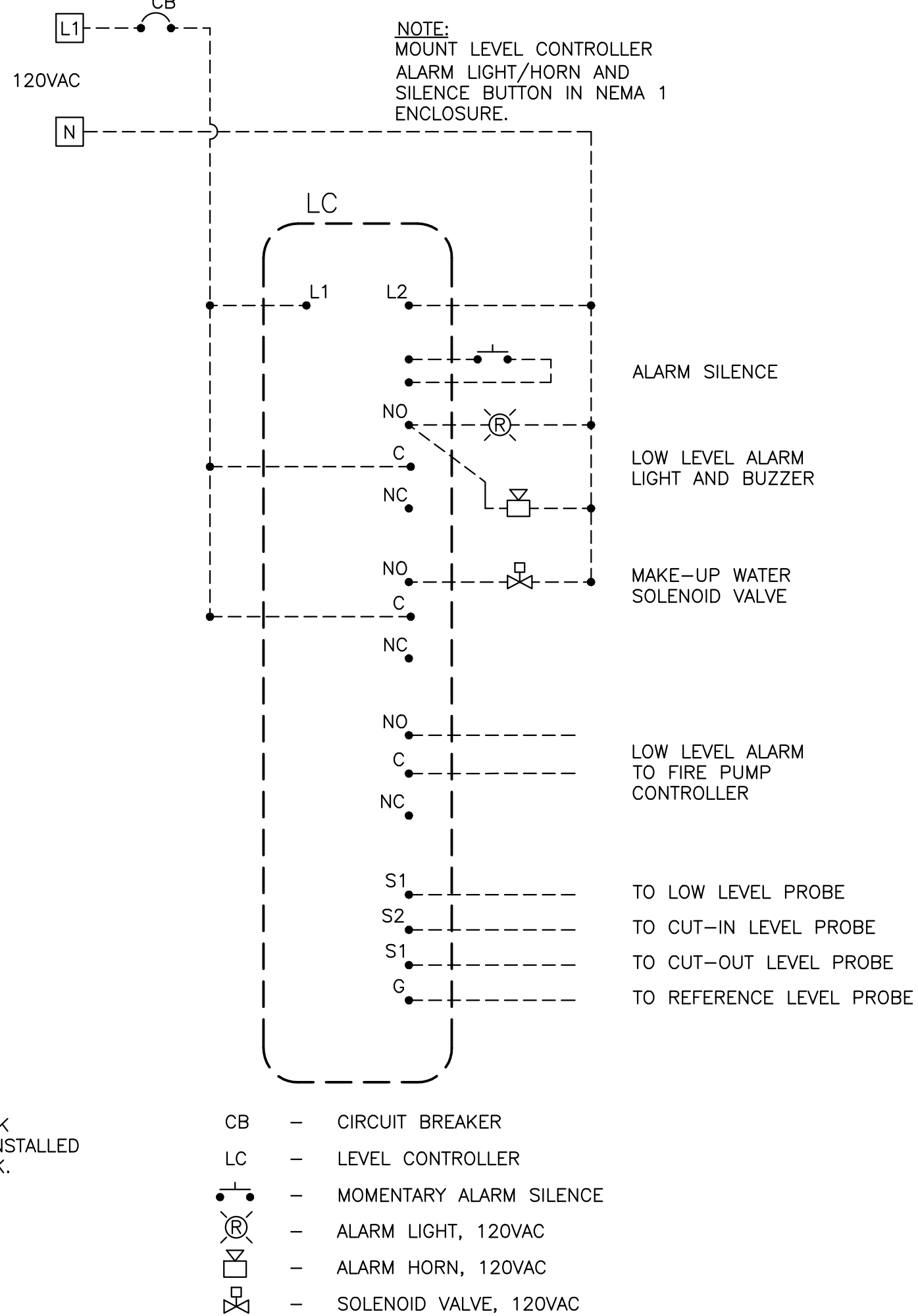
JOCKEY PUMP INSTALLATION DETAIL

SCALE: 1:25



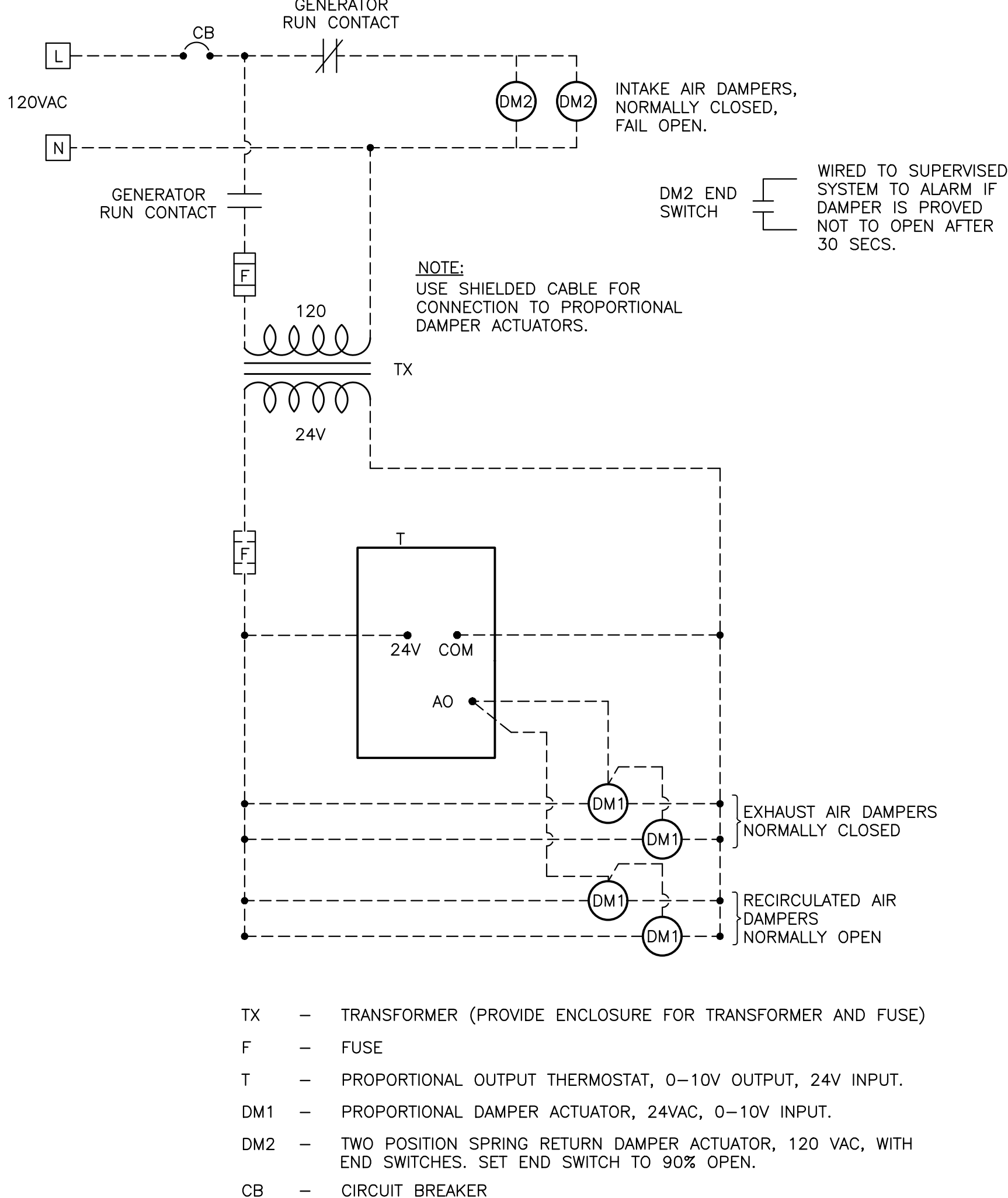
MAKE-UP WATER PIPING DETAIL

SCALE: N.T.S.



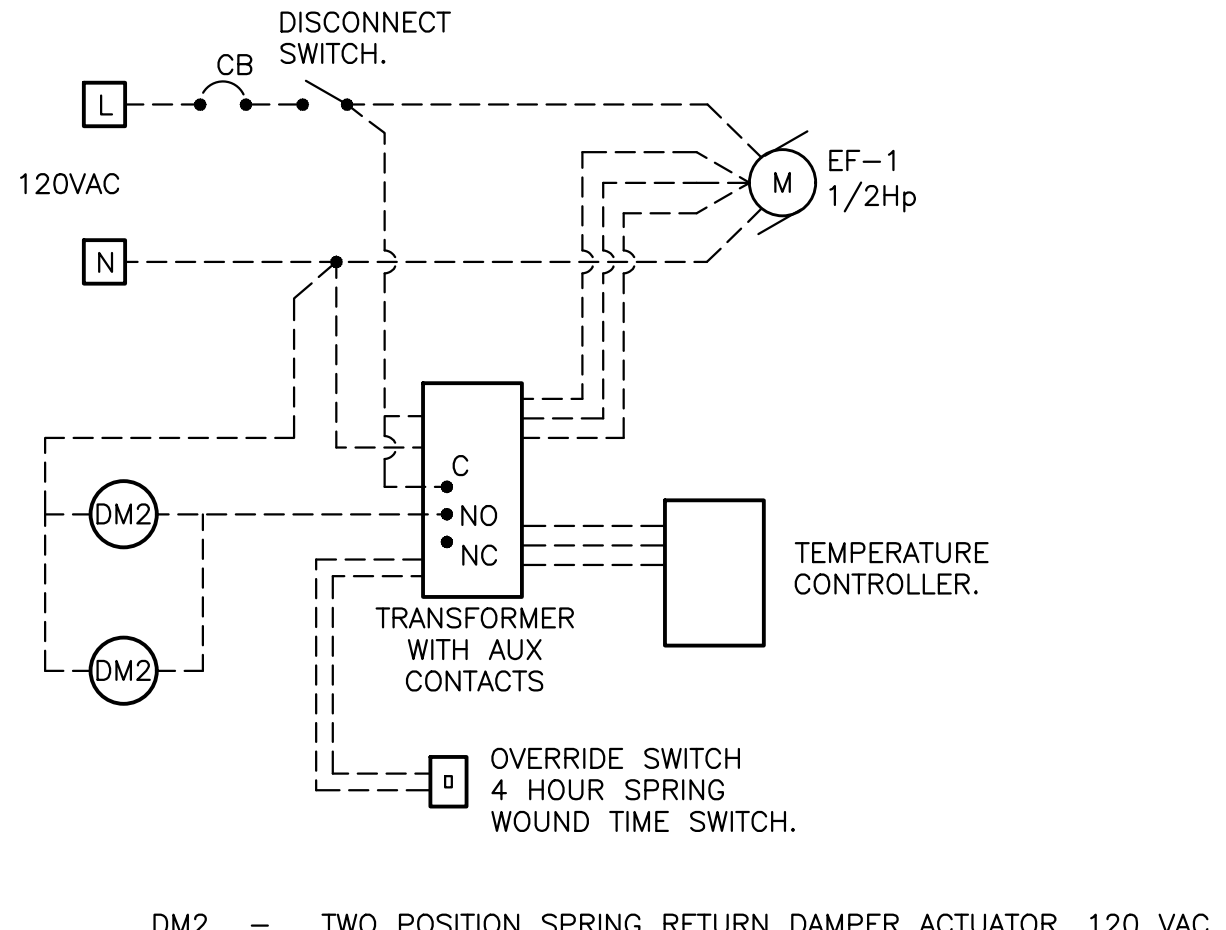
CISTERN LEVEL CONTROL SCHEMATIC

SCALE: N.T.S.



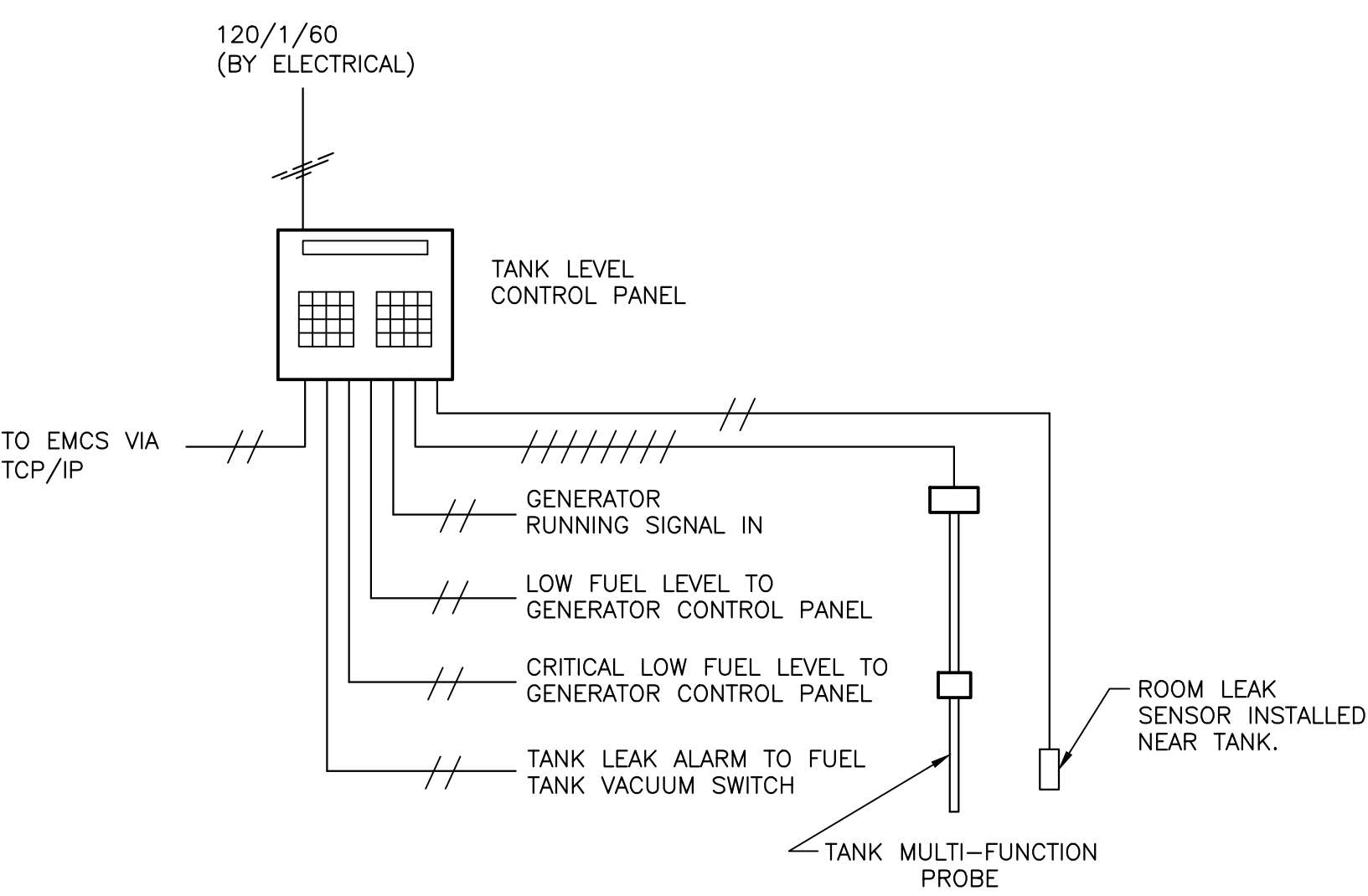
GENERATOR DAMPER CONTROL SCHEMATIC

SCALE: N.T.S.



FIRE PUMP SHED EXHAUST FAN CONTROL

SCALE: N.T.S.



TANK LEVEL CONTROL PANEL SCHEMATIC

SCALE: N.T.S.