

VEEDER-ROOT TLS-350 PLUS

SYSTEM COMPONENTS LIST:

- 1 TLS-350 PLUS CONSOLE (WITH PRINTER)
- 1 FOUR-INPUT PROBE INTERFACE MODULE
- 1 8-INPUT TYPE A SENSOR INTERFACE MODULE
- 2 4-RELAY OUTPUT INTERFACE MODULE
- 1 SITEFAX 300/1200/2400 BAUD FAX/MODEM INT. MODULE
- 1 MAG PLUS PROBE (AST INV. ONLY)
- 1 ABOVEGROUND STORAGE TANK INSTALL KIT
- 1 MICROSENSOR
- 1 OVERFILL ALARM
- 1 ALARM ACKNOWLEDGMENT SWITCH
- 1 PROBE RISER CAP & RING SET
- 1 3" FLOAT KIT
- 1 2" INTERSTITIAL RISER CAP AND ADAPTOR KIT
- 1 SPARE (4) PAPER ROLLS
- 1 DUAL PORT RS232/RS485 INTERFACE MODULE

NOTES

1. TANKS SHALL BE TESTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AS WELL AS LOCAL ORDINANCES.
2. ALL CONDUITS TO HAVE SEAL-OFFS PER LATEST EDITION OF THE NATIONAL ELECTRIC CODE AND ALL J-BOXES TO BE EXPLOSION PROOF, KILLARK GRSS-2 OR CROUSE-HINDS GUA SERIES, ORIENT ALL J-BOXES SUCH THAT SCREW LID IS ACCESSIBLE.
3. USE CABLE CONNECTOR FITTINGS (CROUSE-HINDS CGB OR EQUIVALENT) AT MONITOR AND LEVEL GAUGE CABLE CONNECTIONS TO J-BOXES AND PIPE FITTINGS AT TANK.
4. ALL EQUIPMENT, HARDWARE AND SYSTEM COMPONENTS MUST BE INSTALLED IN STRICT CONFORMANCE WITH MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS.

FUEL MONITORING ALARMS

THE AUTOMATIC FUEL OIL MONITORING SYSTEM WILL MONITOR THE LEVEL OF FUEL IN THE STORAGE TANK. ALARMS AS FOLLOWS:

BELOW THE LOW LIMIT SET POINT (50% OF TANK CAPACITY)

WHEN A OVERFILL OF MORE THAN 85% OCCURS AN OUTSIDE HORN (ALARM SOUNDER) WILL SOUND FOR A TOTAL OF 3 MINUTES OR UNTIL AN INDIVIDUAL AT THE SITE MANUALLY TURNS THE HORN OFF.

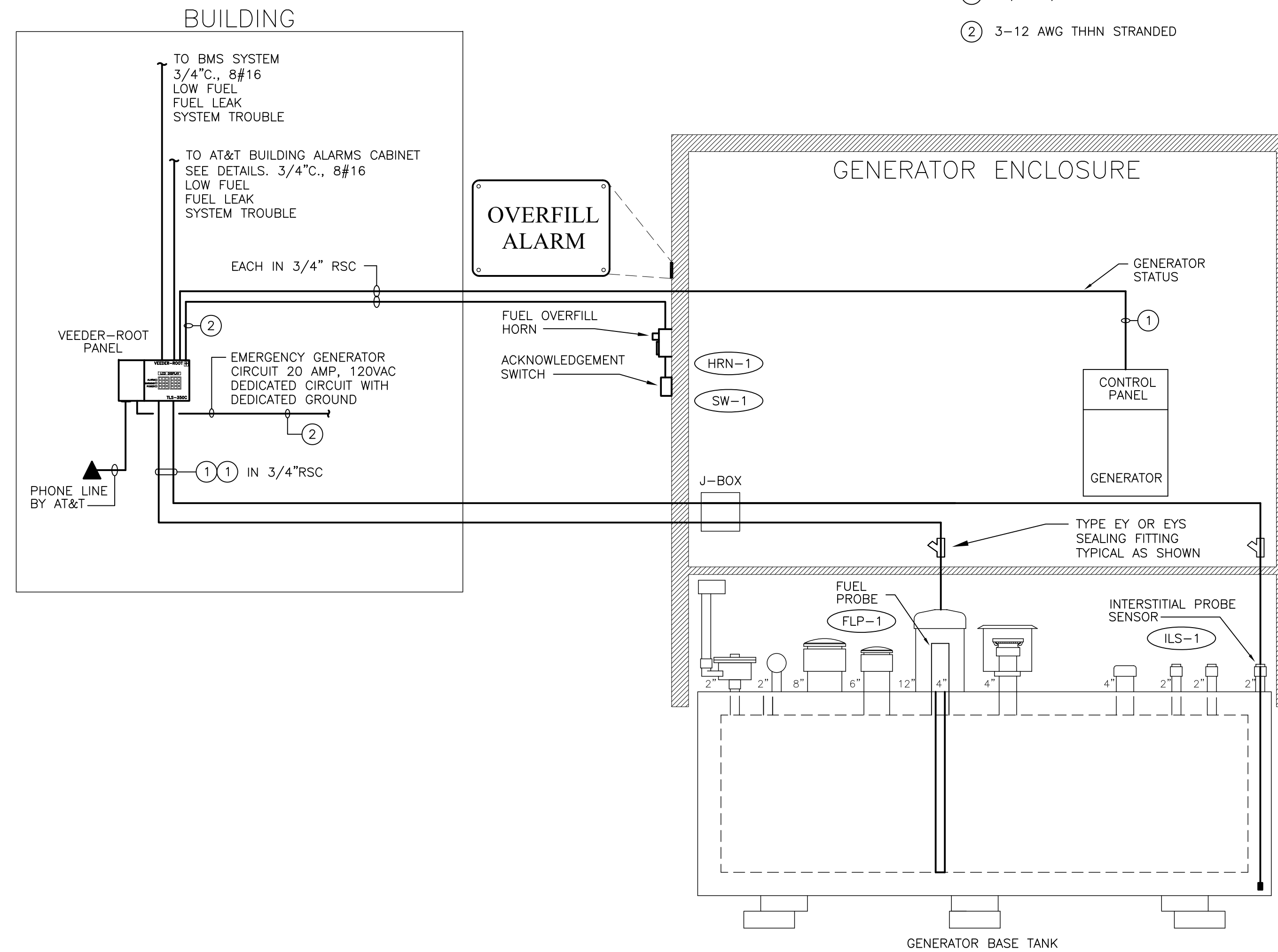
OVER THE HIGH LIMIT SET POINT (90% OF TANK CAPACITY)

OVER THE OVERFILL SET POINT (95% OF TANK CAPACITY)

OVER THE HIGH SET POINT (OVER 2.5 INCHES)

WIRING KEY:

- ① 18/2C T/S BELDEN CABLE 8760 OR 88760
- ② 3-12 AWG THHN STRANDED



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REVISIONS / AUTHORIZATIONS		
NO.	REVISIONS / AUTHORIZATIONS	DATE
BID SET		08/30/17

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DRAWINGS PREPARED FOR
AT&T CORPORATE REAL ESTATE

PROJECT TITLE:
TELECOMMUNICATIONS HUT
 UNION STATION PLAZA
 240-280 SAINT JOHN ST
 PORTLAND

PTLFME01 Archoid AAB7WI

AUTOMATIC TANK MONITORING DETAILS			
AT&T PROJECT NUMBER: E15823	DATE: 08/30/2017	SCALE: AS NOTED	
DRAWN BY: JAP	CHECKED BY: SJM		
SHEET: 15	OF: 15 SHEETS		
AT&T DRAWING NO.:			E806
GREGG MIRANDO			

**CONSTRUCTION DOCUMENT
 SUBMISSION (BID SET)**