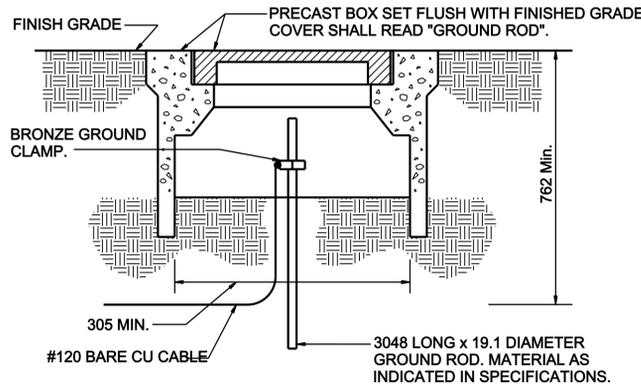


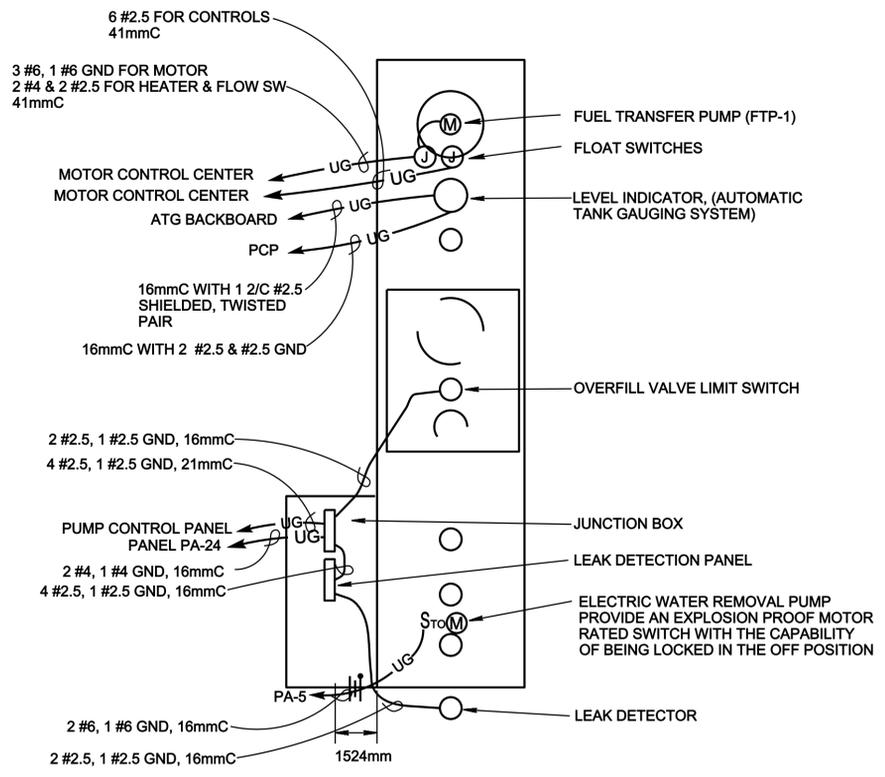
NOTE:
1. FOR CONDUIT AND CONDUCTOR REQUIREMENTS SEE PRODUCT RECOVERY TANK DETAIL ON THIS SHEET.

PRODUCT RECOVERY TANK ELEVATION DETAIL
NO SCALE

- GENERAL NOTES:
- PROVIDE MODULAR STEEL SUPPORT STRUCTURE WITH:
 - A. $F_{ymin} = 230 \text{ MPa}$
 - B. THICKNESS = 2.7mm
 - C. VERTICAL POST - UNISTRUT P1001 OR EQUAL
 $l_{min} = 38.7 \text{ cm}$
 $S_{min} = 9.4 \text{ cm}^3$
 - D. HORIZONTAL CHANNEL - UNISTRUT P1000 OR EQUAL
 $l_{min} = 7.7 \text{ cm}$
 $S_{min} = 3.3 \text{ cm}^3$
 - E. GALVANIZED PER A853 COATING DESIGNATION G90
 - ALL CONDUITS ABOVE GRADE AND ALL ELBOWS BELOW GRADE SHALL BE GALVANIZED RIDGED STEEL.



GROUND ROD BOX DETAIL
NO SCALE



- NOTES:
- THE ENTIRE VOLUME WITHIN THE PIT AT THE PRODUCT RECOVERY TANK SHALL BE CONSIDERED A CLASS 1, DIVISION 1, GROUP D HAZARDOUS LOCATION. ALSO THE VOLUME WITHIN A 1500 RADIUS FROM THE TOP OF THE TANK VENT SHALL BE CONSIDERED A CLASS 1, DIVISION 1, GROUP D HAZARDOUS LOCATION.
 - SEE THIS SHEET FOR MOUNTING RACK DETAIL.
 - ALL HOMERUNS GO TO THE FILTER SEP BLDG CONTROL ROOM.

PRODUCT RECOVERY TANK DETAIL
NO SCALE

DATE	DESCRIPTION	APPR.	MARK

DESIGNED BY: RES	CWD BY: SLO	SOLICITATION NO.:	DATE: JULY 2010
DWN BY: RES	REV:	CONTRACT NO.:	
SUBMITTED BY: R.L.S		FILE NUMBER:	
FILE NAME: 00868502.dwg		PLOT DATE:	6/28/2010
SIZE: 841x599 1/8" / in.			

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA DISTRICT

DOD, CUTNCOVER STANDARDS
STORAGE TANK/PUMPHOUSE

TANK DETAILS

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