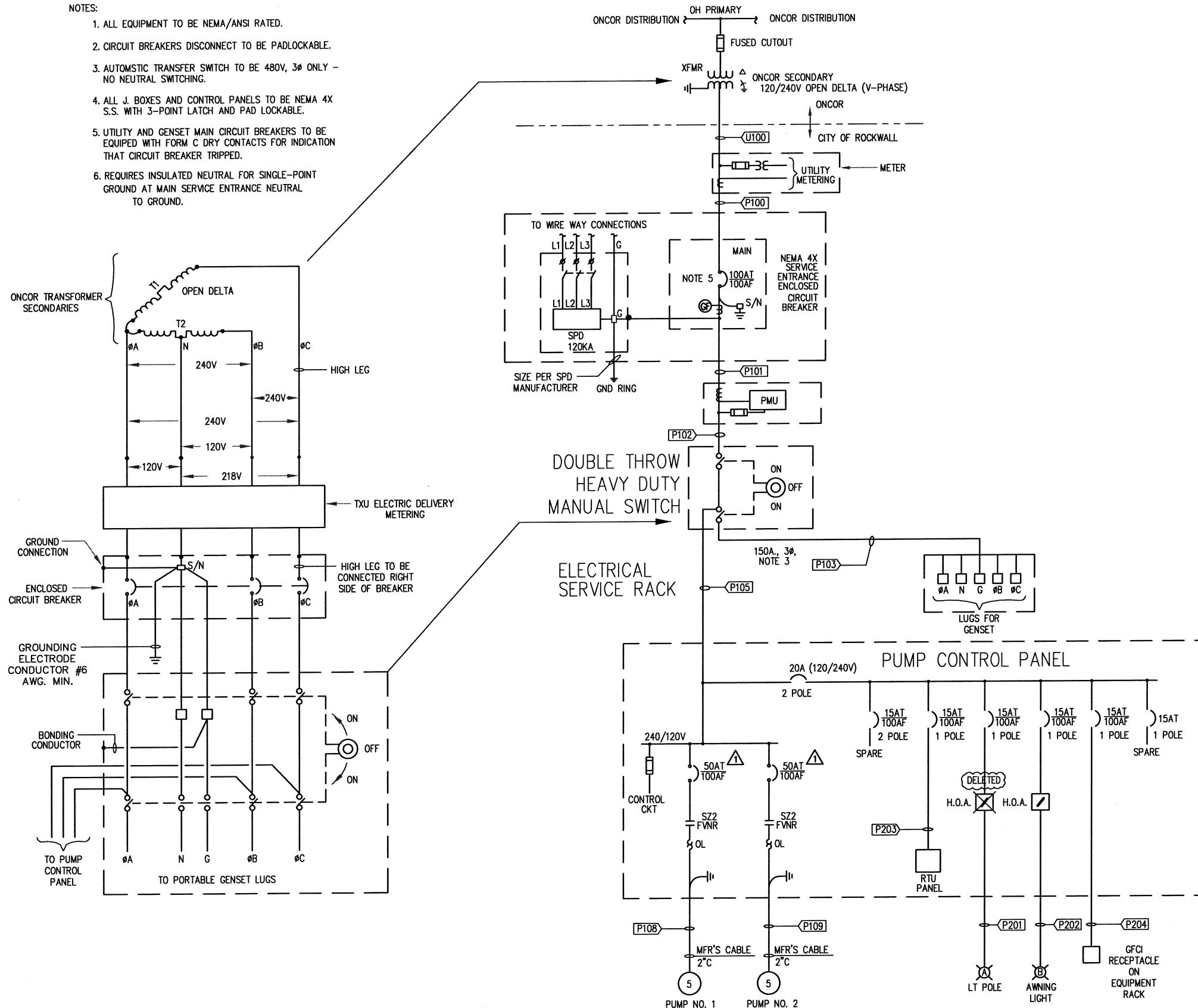


NOTES:

1. ALL EQUIPMENT TO BE NEMA/ANSI RATED.
2. CIRCUIT BREAKERS DISCONNECT TO BE PADLOCKABLE.
3. AUTOMATIC TRANSFER SWITCH TO BE 480V, 3Ø ONLY - NO NEUTRAL SWITCHING.
4. ALL J. BOXES AND CONTROL PANELS TO BE NEMA 4X S.S. WITH 3-POINT LATCH AND PAD LOCKABLE.
5. UTILITY AND GENSET MAIN CIRCUIT BREAKERS TO BE EQUIPPED WITH FORM C DRY CONTACTS FOR INDICATION THAT CIRCUIT BREAKER TRIPPED.
6. REQUIRES INSULATED NEUTRAL FOR SINGLE-POINT GROUND AT MAIN SERVICE ENTRANCE NEUTRAL TO GROUND.



ONE LINE DIAGRAM LEGEND	
SYMBOL	DESCRIPTION
	POWER TRANSFORMER
	CURRENT TRANSFORMER
	CONTROL POWER (CPT) OR POTENTIAL (PT) TRANSFORMER
	THERMAL MAGNETIC CIRCUIT BREAKER; AF=FRAME SIZE, AT=AMP TRIP
	MAGNETIC ONLY CIRCUIT BREAKER; NUMBER INDICATES CONTINUOUS CURRENT RATING
	FUSE
	POWER MONITOR UNIT
	CONNECTION TO GROUND
	LOAD BANK
	SURGE PROTECTION DEVICE
	DELTA CONNECTED TRANSFORMER WINDINGS
	WYE CONNECTED TRANSFORMER WINDINGS
	FULL VOLTAGE, NON-REVERSING STARTER, WITH OVERLOAD RELAY, NUMBER INDICATES NEMA SIZE
	CONDUIT AND CABLE TAG NUMBER
	CONTROL PANEL
	GFR = GROUND FAULT RELAY
	POWER DISTRIBUTION BLOCK IN J-BOX NEAR MOTOR

This record drawing is a compilation of the sealed engineering drawing for this project; modified by addenda, change orders and information furnished by the contractor. The information shown on the record drawings that was provided by the contractor or others not associated with the design engineer cannot be verified for accuracy or completeness. This original sealed drawings are on file at the offices of Birkhoff, Hendricks & Carter, L.L.P.

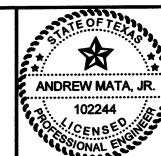
BY MH DATE 06/08/15

ONE LINE DIAGRAM

ADDENDA NO. 1 (2/17/14) - CHANGED PUMP TRIP RATING

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 1/2/14

**CITY OF ROCKWALL, TEXAS**  
 NORTHSHORE LIFT STATION  
 ELECTRICAL OVERALL ONE LINE DIAGRAM

BHC  
 PROJECT NO.  
 2013-119  
 January 2014

SHEET NO.  
**17**