

CONDUIT AND CABLE SCHEDULE FOR 120/240V. OPEN DELTA WIRING

TAG	WIRING	CONDUIT	SOURCE	DESTINATION	COMMENTS
U100	3#2, #2N	2-4"C. (1 SPARE)	ONCOR TRANSFORMER	UTILITY METER	
P100	3#1, #4N	1-1/2"C.	UTILITY METER	MAIN CIRCUIT BREAKER	
P101	3#1, #4N, #4G	1-1/2"C.	MAIN CIRCUIT BREAKER	POWER MONITOR UNIT	
P102	3#1, #4N, #4G	1-1/2"C.	POWER MONITOR UNIT	DOUBLE THROW SWITCH	
P103	3#1, #4N, #4G.	1-1/2"C.	DOUBLE THROW SWITCH	GENSET LUGS PANEL	
P105	3#1, #4G	1-1/2"C.	DOUBLE THROW SWITCH	CONTROL PANEL	
P106	3#10, 3#12, #10G.	HUB FROM SEAL FITTING	CONTROL PANEL	J-BOX UNDER PUMP CONTROL PANEL	
P107	3#10, 3#12, #10G.	HUB FROM SEAL FITTING	CONTROL PANEL	J-BOX UNDER PUMP CONTROL PANEL	
P108	SUBMERSIBLE PUMP CABLE (BY VENDOR)	2"C.	J-BOX UNDER PUMP CONTROL PANEL	PUMP #1	
P109	SUBMERSIBLE PUMP CABLE (BY VENDOR)	2"C.	J-BOX UNDER PUMP CONTROL PANEL	PUMP #2	
P201	3#12, #12G. (1#12 S.P.)	1"C.	CONTROL PANEL	POLE MOUNTED LIGHT	
P202	3#12, #12G. (1#12 S.P.)	1"C.	CONTROL PANEL	POLE MOUNTED LIGHT	
P203	2#12, #12G.	3/4"C.	CONTROL PANEL	RTU	
P204	3#12, #12G. (1#12 S.P.)	3/4"C.	CONTROL PANEL	RECEPTACLE ON SERVICE RACK	

CONDUIT AND CABLE SCHEDULE FOR CONTROL WIRING

TAG	WIRING	CONDUIT	SOURCE	DESTINATION	COMMENTS
C300	4#14, #14G.	3/4"C.	SCADA/RTU	MAIN SPD	FAULT ALARM
C301	4-2/C SH #16	1"C.	SCADA/RTU	PMU	PMU TO INCLUDE FOUR (4) ANALOG OUTPUT OPTIONS
C303	RS485	1"C.	DOUBLE THROW SWITCH	PORTABLE GENSET	
C304	16#14, #14G.	1"C.	DOUBLE THROW SWITCH	PORTABLE GENSET	
C305	18#14, #14G.	1"C.	SCADA/RTU	DOUBLE THROW SWITCH	
C308	2-2/C SH #16	3/4	SCADA/RTU	PUMP CONTROL PANEL	
C309	2-2/C SH #16	3/4"C.	SCADA/RTU	PUMP CONTROL PANEL	
C310	20#14, #14G.	1"C.	PUMP 1 STARTER CONTROLS	PUMP #1	MINI-CAS
C311	22#14, #14G.	1-1/2"C.	PUMP 2 STARTER CONTROLS	PUMP #2	MINI-CAS
C312	ANTENNA CABLE	2"C.	SCADA/RTU	ANTENNA	
C313	CONTEGRA SUBMERSIBLE CABLE	2"C.	PUMP CONTROL PANEL	WET WELL	
C314	FLOAT CABLE	1-1/2"C.	PUMP CONTROL PANEL	WET WELL	
C315	FLOAT CABLE	1-1/2"C.	PUMP CONTROL PANEL	WET WELL	
C316	FLOAT CABLE	1-1/2"C.	PUMP CONTROL PANEL	WET WELL	
C317	FLOAT CABLE	1-1/2"C.	PUMP CONTROL PANEL	WET WELL	

LUMINAIRE SCHEDULE

MARK	DESCRIPTION	VOLTS	LAMPS	MANUFACTURER	CATALOG NUMBER	COMMENTS
A	POLE MOUNTED LIGHT	120	65 W	GARDCO	GL18-3-65LA-CW-UNIV-BRP-PC-HS	PROVIDE SPARE LED STRIP WITH FIXTURE
B	AWNING LIGHT	120	54T5HO	HOLOPHANE	ENS4-1-54T5HO-BMPCL-MVOLT-CEB10PS90-LP841	NEMA 4X, NON-EXPLOSION PROOF

NOTES:

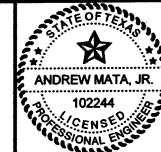
- POLE FOR POLE MOUNTED LIGHT FIXTURE SHALL BE GARDCO #SSA4-CB-15-D1-BRP-VDA 12' FT. ALUMINUM POLE OR APPROVED EQUAL.
- PROVIDE LAMPS FOR ALL LIGHT FIXTURES.

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

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1/2/14

CITY OF ROCKWALL, TEXAS
 NORTHSHORE LIFT STATION
 ELECTRICAL SCHEDULES

BHC
 PROJECT NO.
 2013-119
 January 2014

SHEET NO.
18