

SUPPLY: 120/240V 1Ø 3W BUS AMPACITY: 100 BUS MATERIAL: <input checked="" type="checkbox"/> COPPER <input type="checkbox"/> ALUMINUM INCOMING: <input checked="" type="checkbox"/> BREAKER <input type="checkbox"/> LUGS MAIN BREAKER AMPS: 100 SERVICE ENTRANCE RATED: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO BUS AND BREAKER RATING: 10kA		NAME PLATE:  <b>PANEL ' PNL-Y10 '</b>										LOCATION: DRAINAGE BUILDING MOUNTING: <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH ENCLOSURE RATING: NEMA 4X MANUFACTURER: MODEL NO: BREAKER: <input type="checkbox"/> PLUG-IN <input checked="" type="checkbox"/> BOLT-ON SPD: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
NOTE	REV	CCT	DESCRIPTION	WIRE SIZE	VA	P	BKR	L1	L2	BKR	P	VA	WIRE SIZE	DESCRIPTION	CCT	REV	NOTE
		1	LIGHTS	EXISTING	600	1	15	●		15	1	1200	EXISTING	PUMP CONTROLS	5		
		2	PLUGS	EXISTING	600	1	15		●		1	-		SPACE	6		
		3	HEATER	EXISTING	3600	2	30	●		15	1	-	-	SPACE	7		
		4															
				LOAD 'L1'		LOAD 'L2'											
				3,600		2,400											

- NOTES:**
- GREY ITEMS DENOTES EXISTING EQUIPMENT, BOLD ITEMS DENOTES NEW EQUIPMENT.
  - REMOVE EXISTING ELECTRICAL PANEL PNL-Y10 AND REPLACE WITH A NEW ELECTRICAL PANEL PNL-Y10.

**1** EXISTING ELECTRICAL PANEL PNL-Y10  
SCALE : N.T.S.

SUPPLY: 120/240V 1Ø 3W BUS AMPACITY: 100 BUS MATERIAL: <input checked="" type="checkbox"/> COPPER <input type="checkbox"/> ALUMINUM INCOMING: <input checked="" type="checkbox"/> BREAKER <input type="checkbox"/> LUGS MAIN BREAKER AMPS: 100 SERVICE ENTRANCE RATED: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO BUS AND BREAKER RATING: 10kA		NAME PLATE:  <b>PANEL ' PNL-Y10 '</b>										LOCATION: DRAINAGE BUILDING MOUNTING: <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH ENCLOSURE RATING: NEMA 4X MANUFACTURER: MODEL NO: BREAKER: <input type="checkbox"/> PLUG-IN <input checked="" type="checkbox"/> BOLT-ON SPD: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
NOTE	REV	CCT	DESCRIPTION	WIRE SIZE	VA	P	BKR	L1	L2	BKR	P	VA	WIRE SIZE	DESCRIPTION	CCT	REV	NOTE
		1	LIGHTS	#12 AWG	600	1	15	●		15	1	-	-	SPARE	2		
		3	RECEPTACLES	#12 AWG	600	1	15		●	15	1	1200	#12 AWG	AUTOMATION JUNCTION BOX JBA-Y801	4		
		5	RECEPTACLE	#10 AWG	-	2	30	●		15	1	-	-	SPARE	6		
		7															
		9	SUPPLY FAN - SF-Y601	#12 AWG	10	1	15	●		15	1	750	#12 AWG	SAMPLING PUMP P-Y103 (2/3 HP)	10		
		11			-	1	-		●		1	-			12		
		13			-	1	-		●		1	-			14		
		15			-	1	-		●		1	-			16		
		17			-	1	-		●		1	-			18		
				LOAD 'L1'		LOAD 'L2'											
				1,360		2,300											

(NOTE 2)

**2** NEW ELECTRICAL PANEL PNL-Y10  
SCALE : N.T.S.

10	-	-
9	-	-
8	-	-
7	-	-
6	-	-
5	-	-
4	-	-
3	1-0650Y-E0003-001	ELECTRICAL - DRAINAGE LIFT STATION - POWER & INSTRUMENT PLAN AND DETAILS
2	1-0650Y-E0001-001	ELECTRICAL - DRAINAGE LIFT STATION - SINGLE LINE DIAGRAM
1	1-0650A-D0001-001	COVER SHEET
NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
REFERENCE DRAWINGS		



B.M.	-	ELEV.	-
NO.	REVISIONS	DATE	DESIGN/CHECK
0	ISSUED FOR CONSTRUCTION	2020/06/18	

<b>KGS GROUP</b>	
DESIGNED BY: I. BECK	CHECKED BY: J. BOUCHARD
DRAWN BY: J. deLEON	APPROVED BY: J. BOUCHARD
SCALE: N.T.S.	ISSUED FOR CONSTRUCTION BY: J. BOUCHARD
DATE: 2020-06-18	DATE:
CONSULTANT NO.: 19-0107-005_E07	

ENGINEER'S SEAL

HURST PUMPING STATION STRUCTURAL REPAIRS AND DRAINAGE BUILDING UPGRADES ELECTRICAL DRAINAGE LIFT STATION PANELBOARD SCHEDULE	
CITY DRAWING NUMBER 1-0650Y-E0004	SHEET REV. SIZE 001 0 A1