



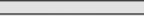
UL/4X

G.P.T CO

PUMP CONTROL PANEL - ELECTRICAL DRAWINGS

SH	FILENAME
00	TITLE PAGE
01	DRAWING NOTES PAGE
10	230/460 VAC DISTRIBUTION
20	120 VAC CONTROL CIRCUIT
70	TERMINAL BLOCK LAYOUT
80	ENCLOSURE LAYOUT PAGE-1
81	ENCLOSURE LAYOUT PAGE-2

MODEL NUMBER: GPDL3-10/5
ITEM NUMBER: 3970251

						BRAND: G.P.T.CO	
						PROJECT DESC: PUMP CONTROL PANEL	
						DRAWING DESC: 00 - TITLE PAGE	
REV.	CHANGE	DATE	NAME	MODEL NUMBER:	GPD L3 10/5		
				ITEM NUMBER:	3970251		SHEET#: 00

Torque Ratings for Field Connection	
Device	Torque
10PDB03	40 lb*in [4.52 N*m]
Ground Lug	40 lb*in [4.52 N*m]
Motor Terminals	N/A (Spring Clamp)
Sensor Terminals	N/A (Spring Clamp)

FIELD TERMINAL NOTES:

NOTE 1: COPPER CONDUCTORS ONLY
NOTE 2: MINIMUM 60°C (140°F) FOR ALL MOTOR TERMINALS
NOTE 3: ALL FIELD WIRING EXTERIOR TO PANEL SHOWN AS (- - - -)
NOTE 4: DEVICE SUPPLIED FIELD WIRES TO BE USED FOR CONNECTIONS OF FIELD DEVICES.
NOTE 5: SEE BOM FOR TORQUE RATINGS
NOTE 6: FOR CONNECTION TO A CLASS 1 REMOTE CONTROL CIRCUIT UNLESS OTHERWISE STATED
NOTE 7: USE AT MINIMUM 18 AWG FOR CONTROL CIRCUIT FIELD CONDUCTORS

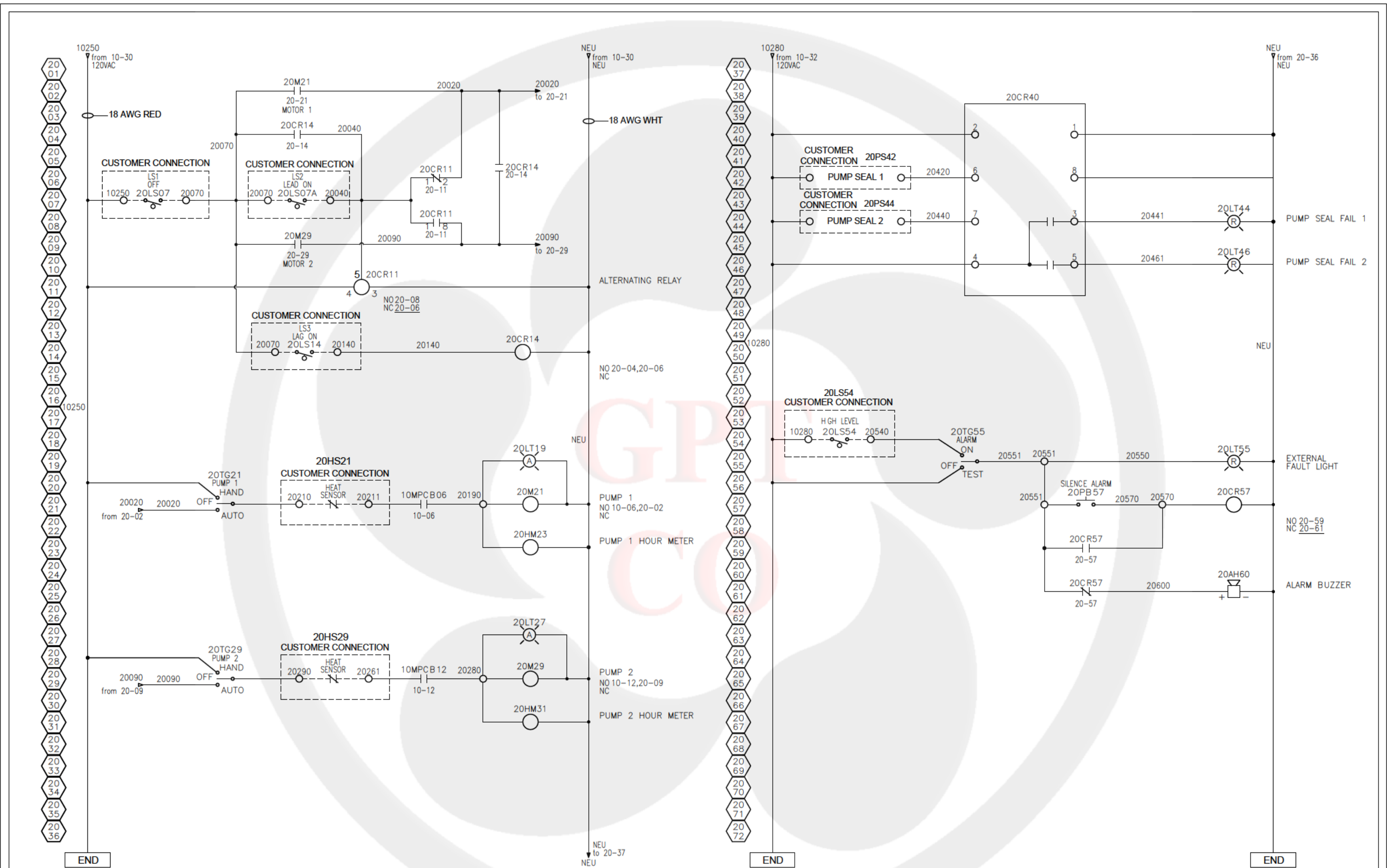
FIELD CONNECTION NOTES:

TO MAINTAIN THE ENVIRONMENTAL RATING OF THIS ENCLOSURE, INSTALL IN THE OPENINGS ONLY LISTED OR RECOGNIZED CONDUIT HUBS OR CONTROL DEVICES WITH THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE IN COMPLIANCE WITH THE INSTALLATION INSTRUCTIONS OF THE DEVICE.

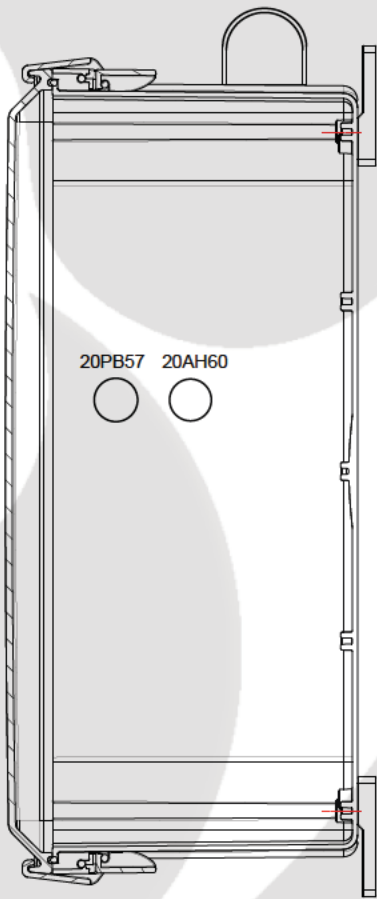
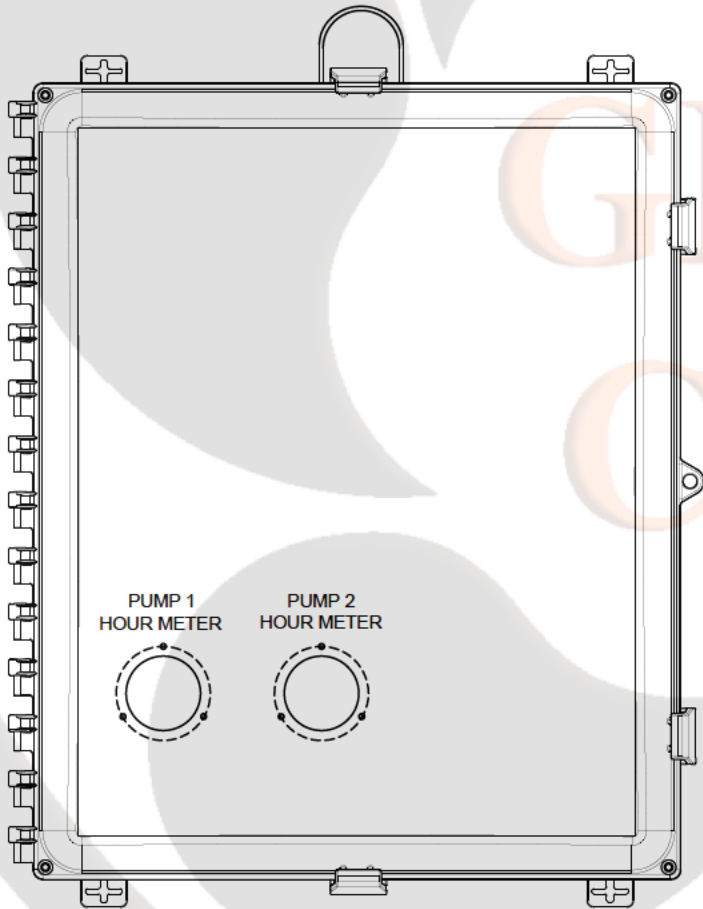
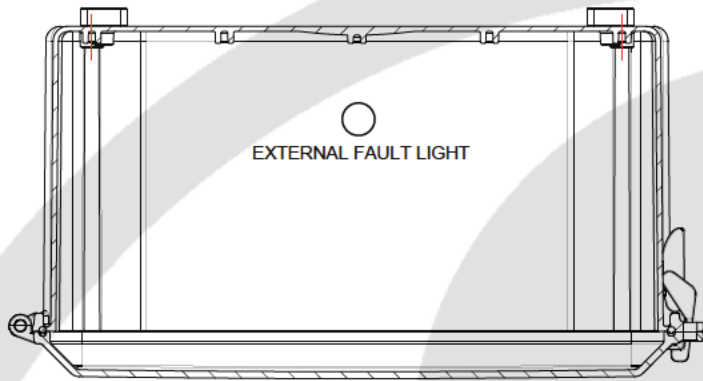
WIRE COLOUR CODE			
ABBREVIATION	COLOUR	MEANING	STANDARD SIZE
BLK	BLACK	3PHASE AC POWER CONDUCTORS	14 AWG
RED	RED	1PHASE AC CONDUCTORS	14 AWG (POWER) 16 AWG (CONTROL)
WHT	WHITE	GROUND ED AC CONDUCTORS	14 AWG (POWER) 16 AWG (CONTROL)
GRN/YLW	GREEN/YELLOW	GROUND CONDUCTORS	MATCH SOURCE
BLU	BLUE	DC CONTROL CONDUCTORS	18 AWG
WHT/BLU	WHITE/BLUE	GROUND ED DC CONDUCTORS	18 AWG
ORG	ORANGE	"ALWAYS LIVE" CIRCUITS*	MATCH SOURCE
WHT/ORG	WHITE/ORANGE	GROUND ED CONDUCTORS OF "ALWAYS LIVE" CIRCUITS*	MATCH SOURCE
YLW	YELLOW	JUMPER WIRES	MATCH SOURCE
NOTES: MULTI-CONDUCTOR CABLES DO NOT FOLLOW THIS COLOUR CODE *CIRCUITS THAT REMAIN ENERGIZED WHEN THE MAIN DISCONNECT IS IN THE 'OFF' POSITION			

							BRAND: G.P.T.CO	
							PROJECT DESC: PUMP CONTROL PANEL	
				MODEL NUMBER:	GPDL3 10/5		DRAWING DESC: 01 - DRAWING NOTES PAGE	
REV.	CHANGE	DATE	NAME	ITEM NUMBER:	3970251			SHEET #: 01

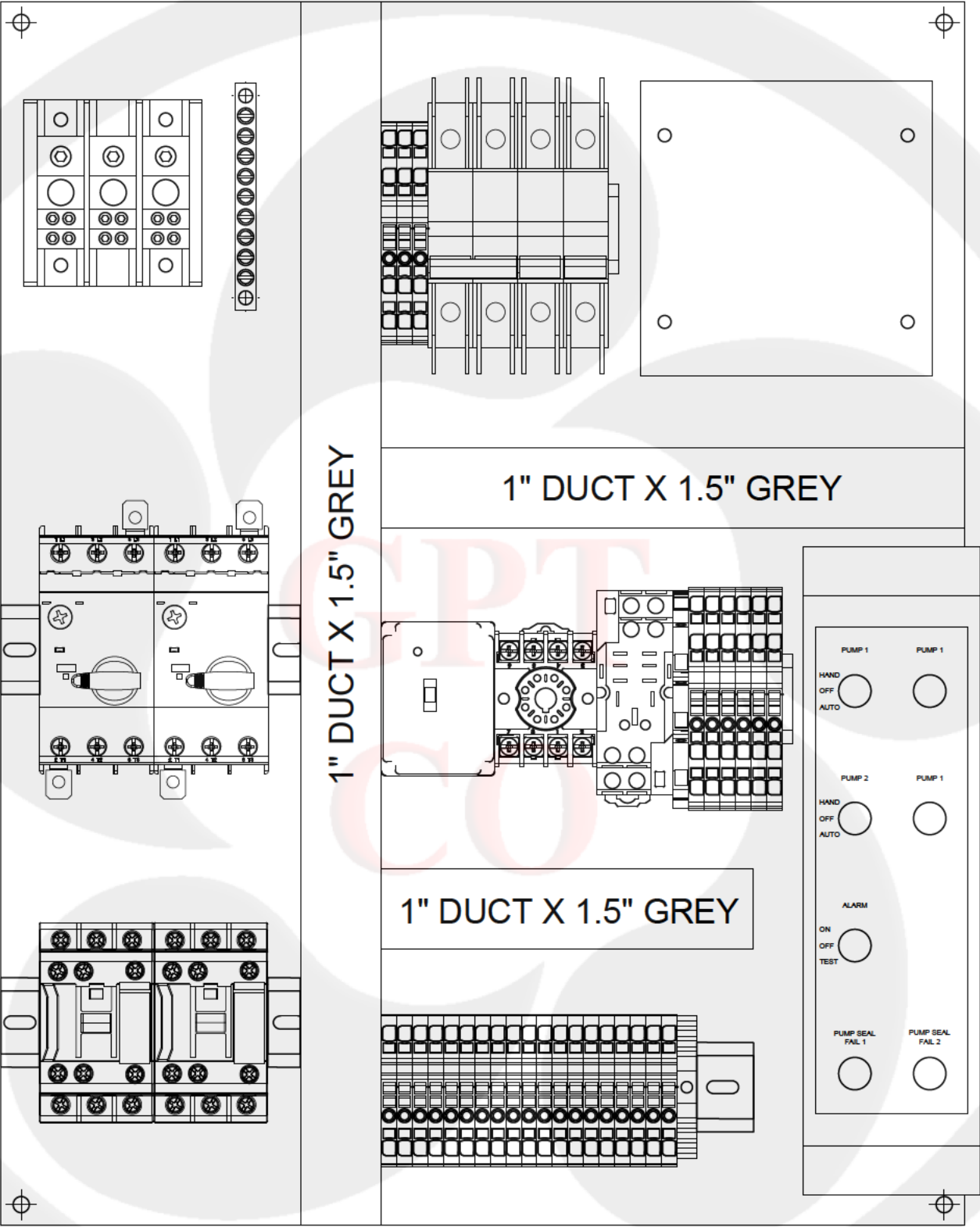




								BRAND: G.P.T.CO			
										PROJECT DESC: PUMP CONTROL PANEL	
										DRAWING DESC: 20 - 120 VAC CONTROL CIRCUIT	
REV.	CHANGE	DATE	NAME	MODEL NUMBER:	GPD3 10/5						
				ITEM NUMBER:	3970251				SHEET #: 20		



					BRAND: G.P.T.CO	
					PROJECT DESC: PUMP CONTROL PANEL	
					DRAWING DESC: 80 - ENCLOSURE LAYOUT PAGE-1	
REV.	CHANGE	DATE	NAME		ITEM NUMBER:	3970251



								BRAND: G.P.T.CO	
								PROJECT DESC: PUMP CONTROL PANEL	
				MODEL NUMBER: GPD13 10/5		DRAWING DESC: 81 - ENCLOSURE LAYOUT PAGE-2			
REV.	CHANGE	DATE	NAME			ITEM NUMBER: 3970251		SHEET # 81	