
COX

Research and Technology, Inc.

LEON LOWE
SAW MILL CREEK
DUPLEX PUMP
CONTROL PANEL

Cox Research and Technology, Inc.
14697 S. Harrells Ferry Road
Baton Rouge, LA. 70816
(225) 756-3271 Fax (225) 755-1030

CP-1750R1


VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	2.7	
FLA	11.9	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Gorman Rupp	
CATALOG NUMBER		
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Fiberglass	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Floats	(Floats, Bubbler, Other)
CAPACITORS	Yes	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

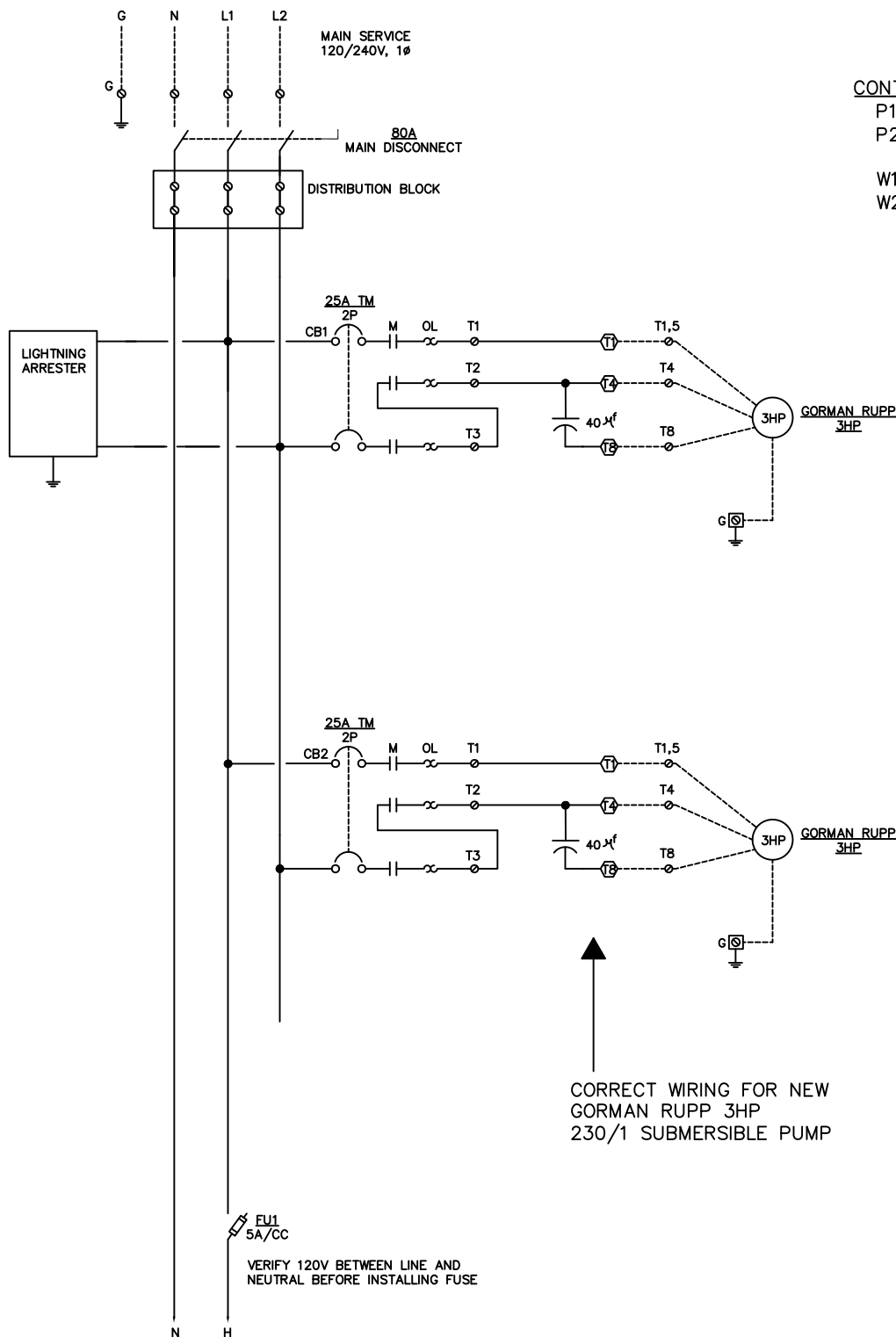
OPTIONS:

SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	X	(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD		
LIGHT FLASHER	X	
LIGHTNING ARRESTER	X	
ELAPSED TIME METER		
PHASE MONITOR		
NEMA RATED STARTERS		
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

SOLD TO: Delta Process - New Orleans, LA
TAG : LEON LOWE
SAW MILL CREEK

SHIP TO: Delta Process - Denham Springs, LA

	Drawing Title						
	PANEL DESCRIPTION						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
7/28/15		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY A.F.	APPROVED BY	DATE
	Project Title	<div style="text-align: center;">  Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-1750R1 SHEET NUMBER 1
	DUPLEX PUMP CONTROL PANEL						



CONTROL CABLE:

P1 (BLACK)= HIGH TEMP

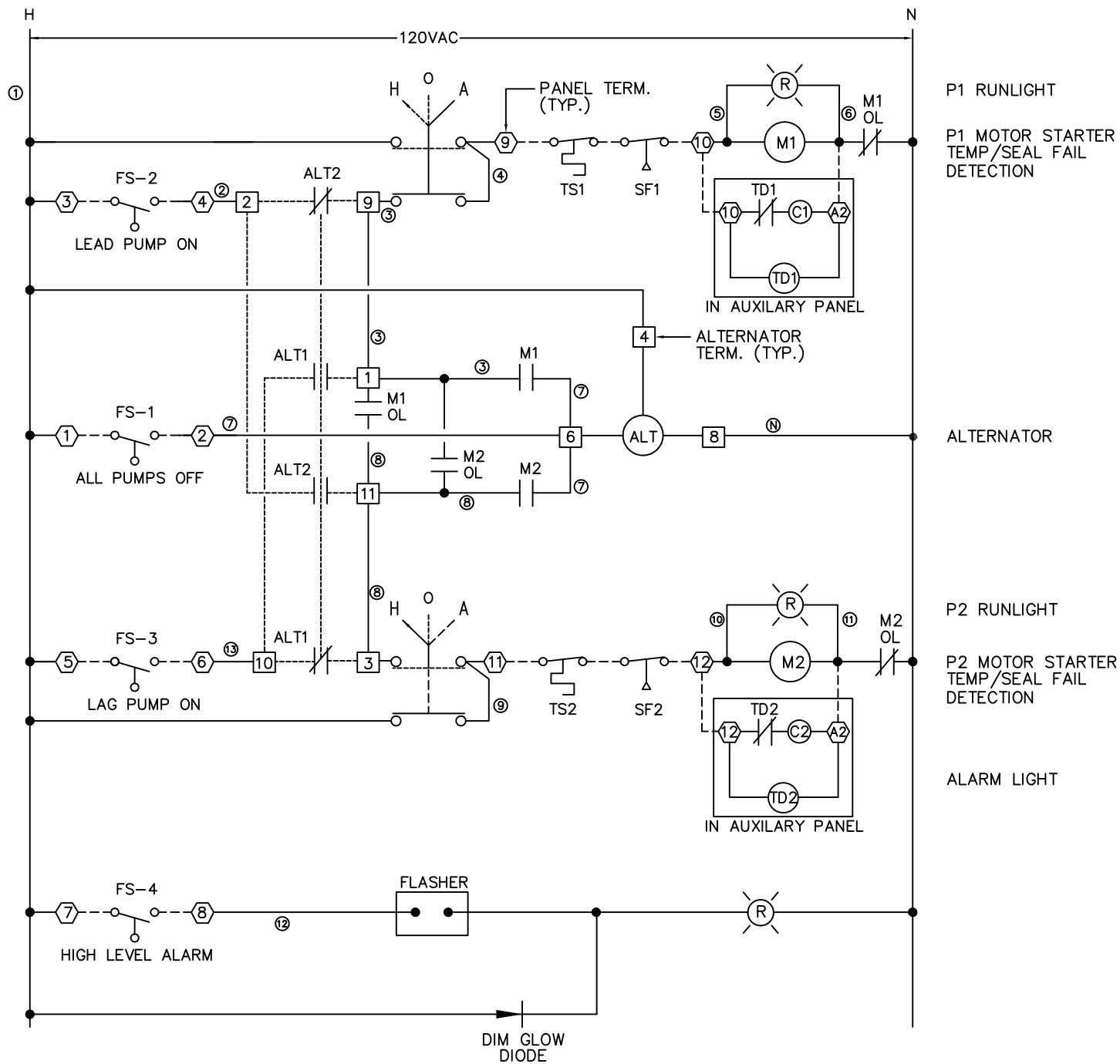
P2 (RED)= HIGH TEMP

W1 (WHITE)= SEAL PROBE

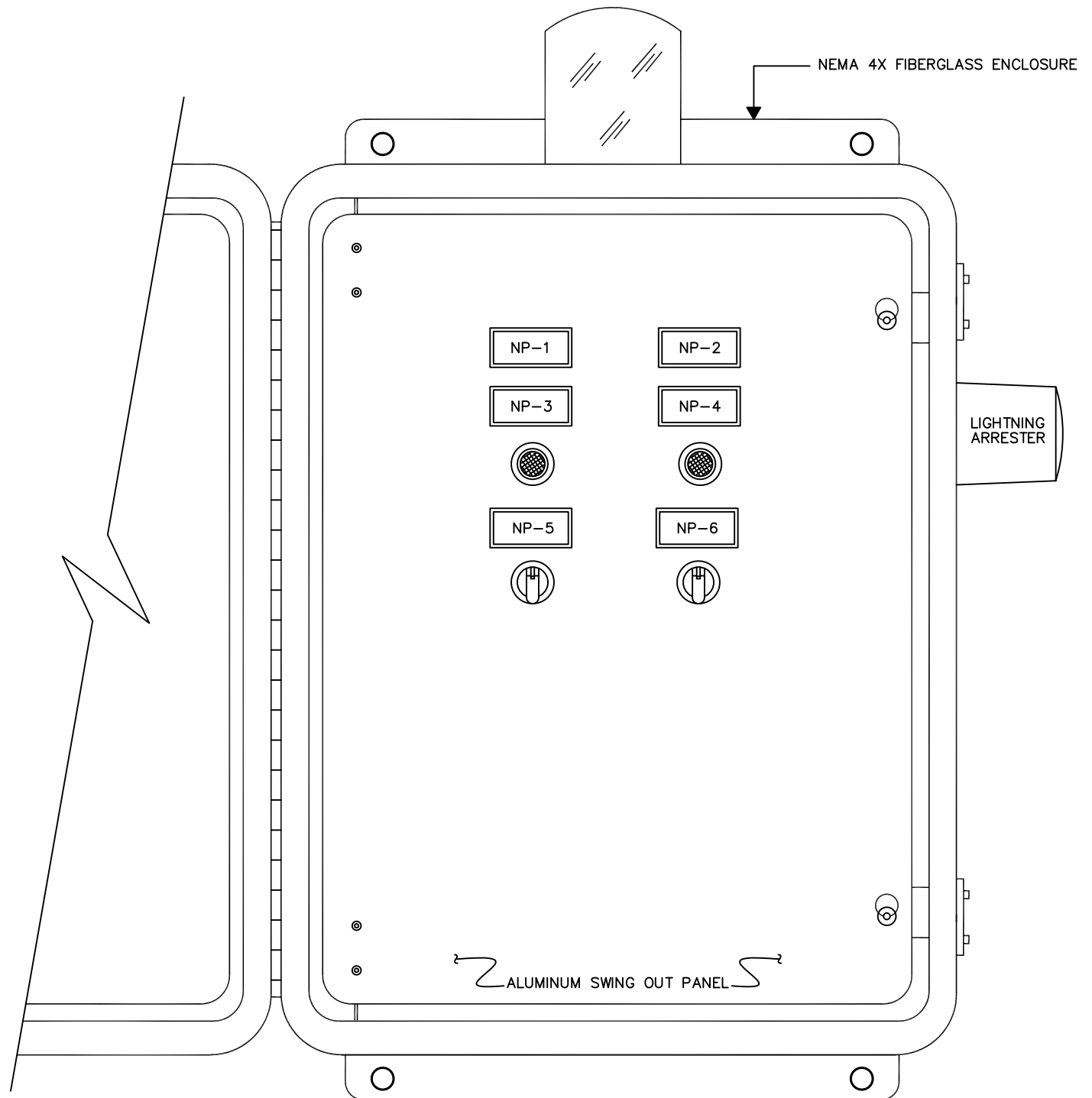
W2 (GREEN/YELLOW)= SEAL PROBE

CORRECT WIRING FOR NEW
GORMAN RUPP 3HP
230/1 SUBMERSIBLE PUMP

DATE 7/28/15	Drawing Title								
	POWER DIAGRAM								
	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY	
	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN		APPROVED			
	Project Title				BY	A.F.	BY	DATE	
	DUPLIX PUMP CONTROL PANEL						PURCHASE ORDER NUMBER		
							DRAWING NUMBER		CP-1750R1
							SHEET NUMBER		2



	Drawing Title CONTROL DIAGRAM									
DATE 7/28/15			REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
			S/N	Sales Engineer C.C.	Application Engineer R.C.		DRAWN BY A.F.		BY	APPROVED DATE
	Project Title DUPLEX PUMP CONTROL PANEL		<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER		
DRAWING NUMBER										
CP-1750R1										
SHEET NUMBER										
								3		



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

NOTE:
SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASSES.

NP-1 PUMP 1
NP-2 PUMP 2
NP-3 RUN
NP-4 RUN
NP-5 HOA
NP-6 HOA

DATE 7/28/15	Drawing Title								
	ENCLOSURE								
	Project Title		COX		P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER		
	DUPLX PUMP CONTROL PANEL		Research and Technology, Inc.		Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1750R1		
							SHEET NUMBER 4		

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1816HWPLDF	ENCLOSURE
1a	1	VYNCKIER	MP1816A	BACKPLATE
2	1	ABB	OT63E3	MAIN DISC. SWITCH
3	2	ABB	A16-30-10-84	MOTOR STARTER
4	2	ABB	TA25DU14	O.L. RELAY (10-14A)
5	2	SQUARE D	QOU225	CB1, CB2
6	1	TIMEMARK	261DT120	ALTERNATING RELAY
7	2	ACI	JR22FR	RED PILOT LIGHT
8	2	ACI	JR22P3M20B	HOA SWITCH
9	1	AC/DC	BL5-R-120-TF	ALARM LIGHT
10	1	DELTA	LA302R	LIGHTNING ARRESTER
11				
12				
13				
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19				
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23				
24				
25				

	Drawing Title						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
DATE 7/28/15		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY
				DRAWN BY A.F.	APPROVED BY DATE		
	Project Title	<div style="border-top: 3px double black; border-bottom: 3px double black; padding: 5px 0;"> <h1 style="margin: 0;">COX</h1> <p style="margin: 0;">Research and Technology, Inc.</p> </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-1750R1 SHEET NUMBER <div style="text-align: right;">5</div>
	DUPLEX PUMP CONTROL PANEL						