

PARSON & SANDERSON, INC.

DUPLEX PUMP  
CONTROL PANEL  
PROCESS WATER PUMPS  
(PROW)

PARSON & SANDERSON, INC.  
P.O. BOX 958  
METAIRIE, LA 70004  
(504) 733-1330 Fax (504) 736-9348

CP-1407

VOLTAGE	277/480V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	25	
FLA	34	
TYPE OF PUMP	Vertical Turbine	
MANUFACTURER		(Self-Priming, Submersible)
CATALOG NUMBER		
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	SS	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Remote	(Floats, Bubbler, Other)
CAPACITORS	No	(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		(Submersible Only)
HT PUMP SHUTDOWN		(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT		
LIGHT PANEL MTD		
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR	X	
NEMA RATED STARTERS	X	
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

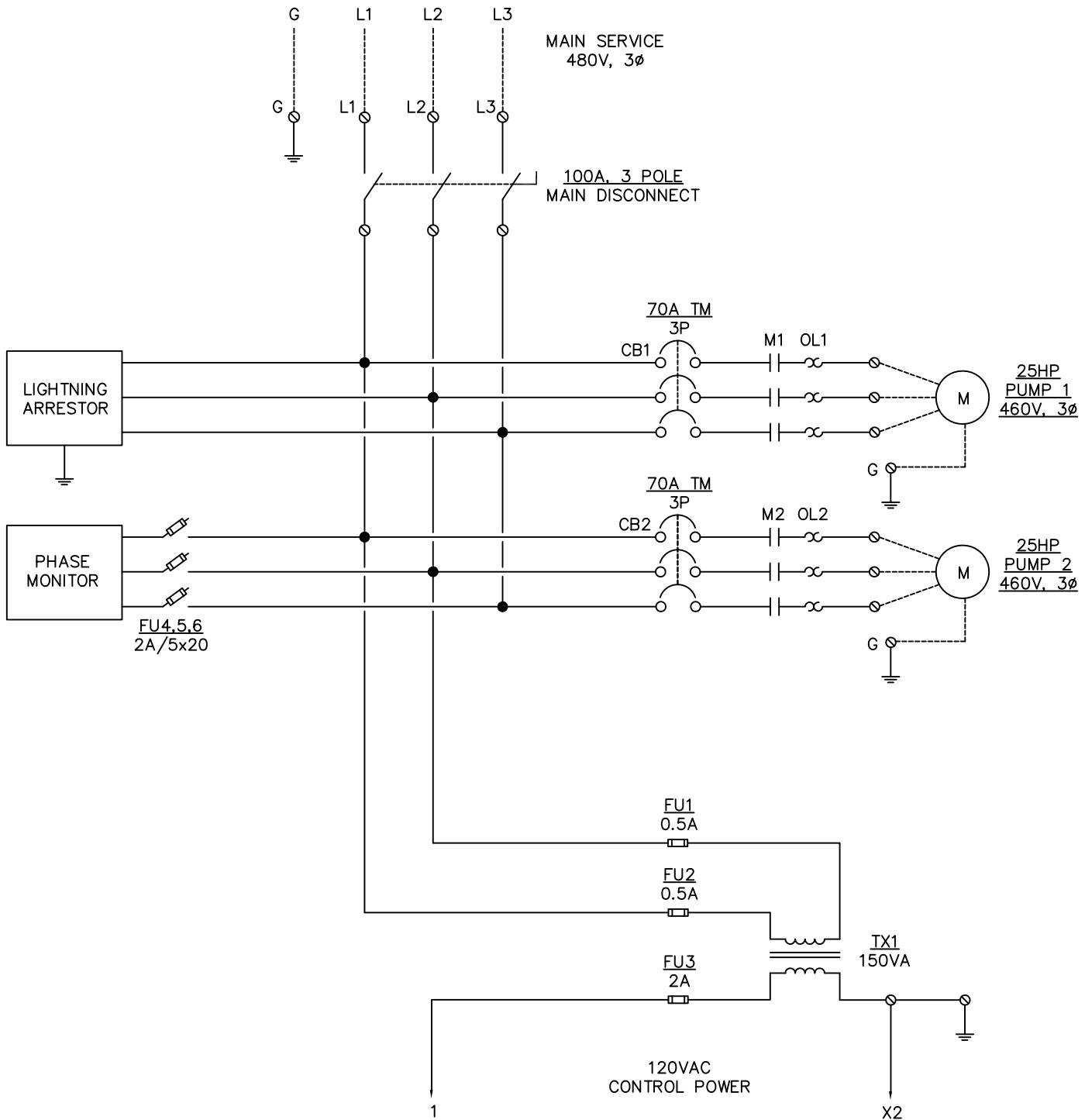
SOLD TO: Parson & Sanderson  
TAG : Sulphur WWTP  
Process Water Pumps Control Panel

SHIP TO: Sulphur WWTP

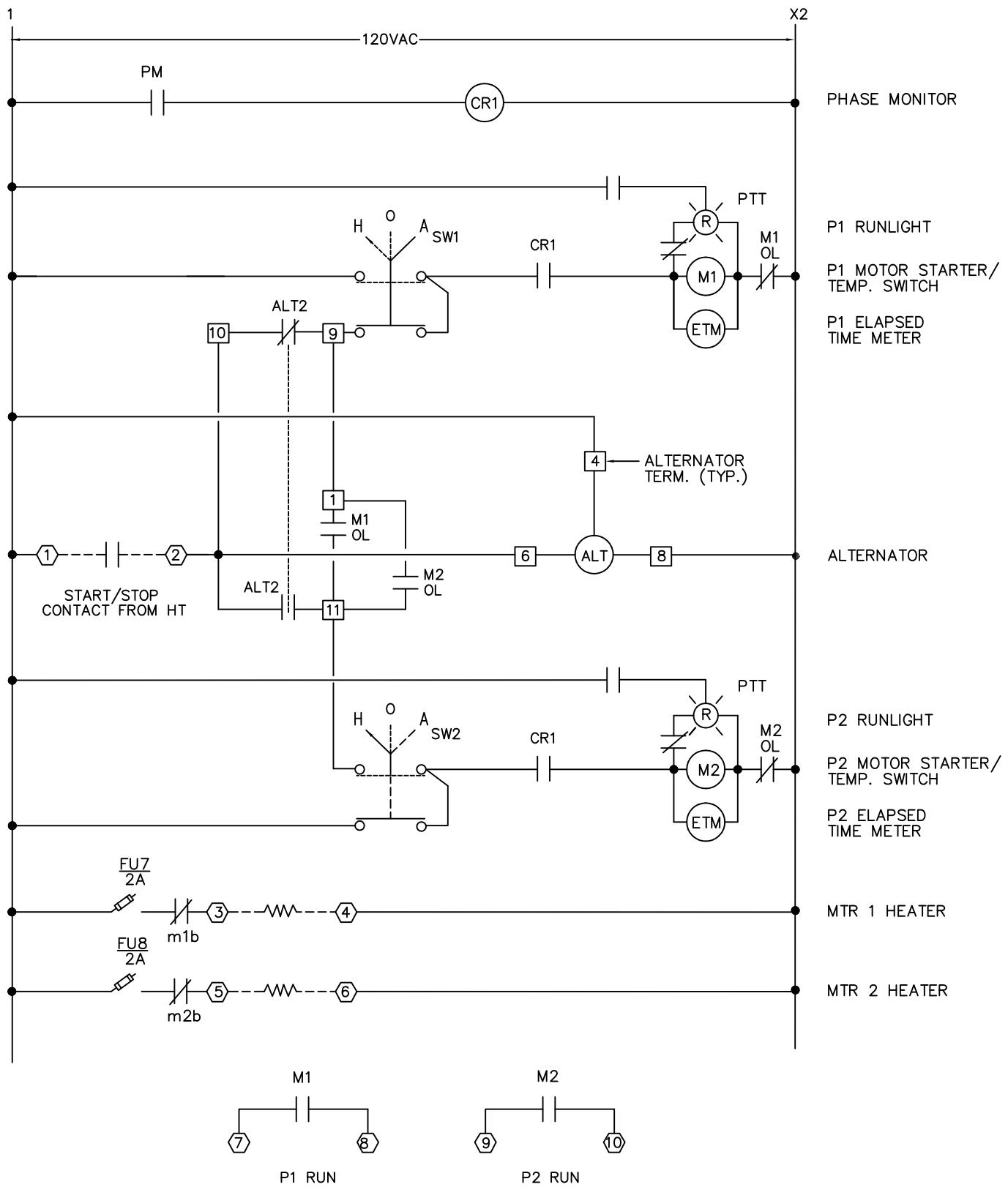
DATE 5/24/02	Drawing Title  PANEL DESCRIPTION	REFERENCE DRAWING NO. REVISION-LOCATION ECN DATE BY					
		S/N	Sales Engineer	Application Engineer	DRAWN BY CTR	BY	APPROVED DATE
	Project Title  DUPLEX PUMP CONTROL PANEL						

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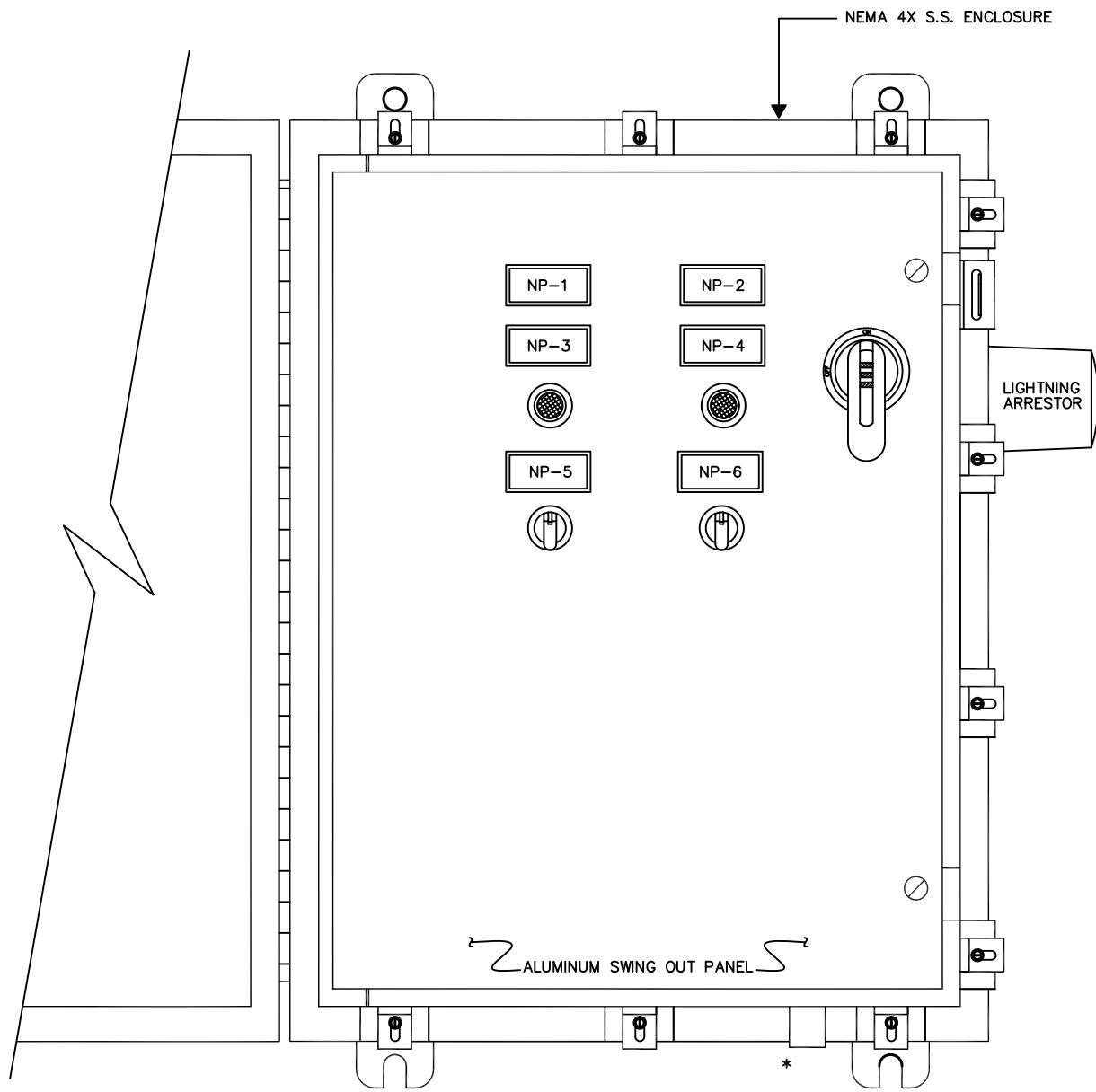
PURCHASE ORDER NUMBER  
DRAWING NUMBER CP-1407  
SHEET NUMBER 1



	Drawing Title  <b>POWER DIAGRAM</b>					
DATE 5/24/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE APPROVED BY DATE
	Project Title  <b>DUPLEX PUMP CONTROL PANEL</b>	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348			PURCHASE ORDER NUMBER	
					DRAWING NUMBER	CP-1407
					SHEET NUMBER	2



	Drawing Title  CONTROL DIAGRAM					
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE BY
DATE 5/24/02		S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED
		C.C.		R.C.	BY CTR	BY DATE
	Project Title  DUPLEX PUMP CONTROL PANEL	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348		PURCHASE ORDER NUMBER		
				DRAWING NUMBER	CP-1407	
				SHEET NUMBER	3	



#### VIEW OF FRONT OF ENCLOSURE

#### NAMEPLATE SCHEDULE

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

NOTE:

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

\* DRAIN AND BREATHER

	Drawing Title  <b>ENCLOSURE</b>					
		REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE APPROVED BY DATE
DATE 5/24/02		Sales Engineer	Application Engineer R.C.			
	Project Title  <b>DUPLEX PUMP CONTROL PANEL</b>	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348			PURCHASE ORDER NUMBER	
					DRAWING NUMBER CP-1407	
					SHEET NUMBER 4	

## BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	ADALET	S362410N4X-6	ENCLOSURE
1a	1	ADALET	A3624P	BACKPLATE
2	1	ABB	OT100E3	MAIN DISC. SWITCH
3	2	ABB	A50N2-30-11-84	MOTOR STARTER
4	2	ABB	TA75DU42	O.L. RELAY (29-42A)
5	2	ABB	S1N070TL	CB1, CB2
6	1	TIMEMARK	261DT120	ALTERNATING RELAY
7	1	SQUARE D	9070TF150D1	TRANSFORMER
8	1	C-H	CHSA03	LIGHTNING ARRESTER
9	1	SSAC	PLMU-11	PHASE MONITOR
10	2	REDINGTON	711-0187	ELAPSED TIME METER
11	2	A-B	800H-QRB10R	PTT PILOT LIGHT RED
12	2	A-B	800H-JR2A	HOA SWITCH
13	1	CH	ECD18	DRAIN & BREATHER
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	Drawing Title  BILL OF MATERIALS						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 5/24/02		S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
			C.C.	R.C.	BY CTR	BY	DATE
	Project Title  DUPLEX PUMP CONTROL PANEL	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				PURCHASE ORDER NUMBER  DRAWING NUMBER CP-1407 SHEET NUMBER 5	