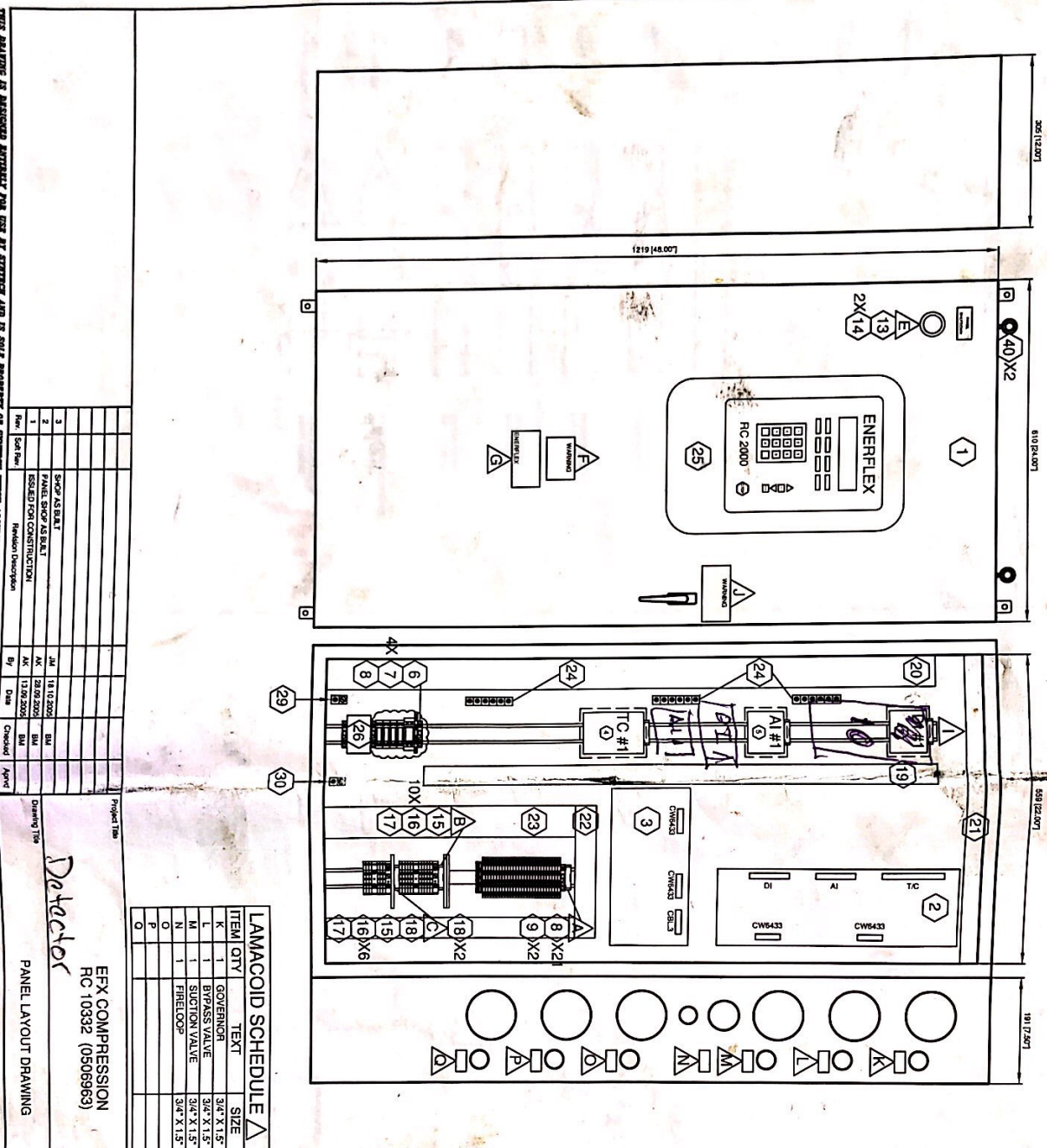


THIS DRAWING IS ASSIGNED EXCEPT FOR USE BY SYNTech AND IS SOLE PROPERTY OF SYNTech. THESE DRAWINGS ARE UNLAWFUL FOR REPRODUCTION OR THE DRAWING CONTRACT.



ITEM QTY	DESCRIPTION	MODEL #
1	AGE 48"X24"X12" ENCLOSURE W/ FEET	AGE 482412
2	RC 2000 INPUT MODULE	CW4789-3
3	RC 2000 OUTPUT MODULE	CW4789-2
4	WIELAND 40 PIN TERMINATION BLOCK	87210.2208.3 (ENERFLEX SUPPLY)
5	WIELAND 28 PIN TERMINATION BLOCK	87210.2205.3 (ENERFLEX SUPPLY)
6	WIELAND ANALOG NON-INCENDIVE BARR.	WVW500.102
7	WIELAND DI/NON-INCENDIVE BARRIER	WV5766700000010
8	WOK 2.5 STACKED FEED THROUGH TERM.	WET102150
9	WEID WPE 4 GROUND TERMINAL	WET101010
10	RC 2000 CPU MODULE	CW4774-3
11	RC 2000 CPU MODULE	CW4774-3
12	AS BUTTON, PUSH/PULL, 2 POS, RED	ALB8007F6
13	BLOCK, CONTACT, I/MC SEAL, CL. 1, DIV 2	ALB8007D3P
14	WEID SAKS 195 FUSED TERMINAL	WET150162
15	WEID WDU 10 FEED THROUGH TERMINAL	WET102000
16	WEID WDU 25 FEED THROUGH TERMINAL	WET102030
17	WEL. RELAY, FLARE, 24DC, 1W, 250VBA	802010.4000.0
18	DUCT, PLASTIC, GREY 1" X 2" PANDUIT	PANF1X2LG6
19	DUCT, PLASTIC, GREY 1" X 2" PANDUIT	PANF1X2LG6
20	DUCT, PLASTIC, WHITE 1" X 2" PANDUIT	PANF1X2WH6
21	DUCT, PLASTIC, WHITE 1" X 2" PANDUIT	PANF1X2WH6
22	DUCT, PLASTIC, WHITE 1" X 3" PANDUIT	PANF1X3WH6
23	DUCT, PLASTIC, WHITE 2" X 3" PANDUIT	PANF2X3WH6
24	WEID BAR, GROUND, 6FT	WET28020
25	RC 2000 CPU MODULE	CW45157-2
26	WEID SPARE FUSE HOLDER	WET7314780001
27		
28	LESCO ISOLATED GROUND LUG	
29	LESCO PANEL GROUND LUG	
30		
31		
32		
33	15-36 MOUNTING RAIL	38R40
34	BRACKET, END, EVRS FOR TSSS	WET78365
35	LOT	WET163193
36	SCHTSS TERMINAL STRIP MARKERS	
37		
38		
39		
40	LETFING EYE HOOKS	BS12212A
41		
42		

LAMACOID SCHEDULE

ITEM QTY	TEXT	SIZE
K	GOVERNOR	3/4" X 1.5"
L	BYPASS VALVE	3/4" X 1.5"
M	SUCTION VALVE	3/4" X 1.5"
N	1 FIBERLOP	3/4" X 1.5"
O		
P		
Q		

LAMACOID SCHEDULE

ITEM QTY	TEXT	SIZE
A	INGENIEERED	SCHTSS
B	24 VDC DISTRIBUTION	SCHTSS
C	IGNITION DISTRIBUTION	SCHTSS
D		
E	PANEL SHUTDOWN	11 X 3"
F	WARNING: EXPLOSION HAZARD	2" X 4"
	SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS 1 DIV 2 HAZARDOUS LOCATIONS DO NOT DISCONNECT IF CIRCUIT IS LIVE OR UNLESS THAT AREA IS KNOWN TO BE NON HAZARDOUS	WH/RED
	WARNING: NON-INCENDIVE IO	SCHTSS
	WARNING: DISCONNECT CABLE CONNECTION TO INPUT / OUTPUT BOARDS BEFORE WELDING	2" X 4"
		WH/RED

Project Title: EFX COMPRESSION RC-10332 (0506963)

Drawing Title: PANEL LAYOUT DRAWING

Revision: 1

Drawn By: JIM (18.10.2006)

Checked By: JIM (18.10.2006)

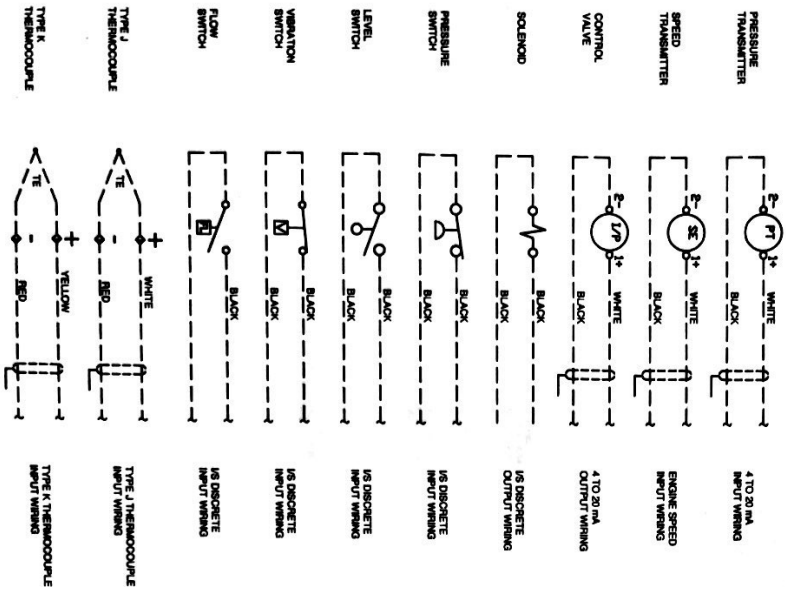
Approved By: JIM (18.10.2006)

Customer Number: 5190193-01

1 of 1

NTS

TYPICAL FIELD I/O WIRING



No.	Part No.	Part Description	By	Date	Checked	Approved
1						
2						
3						
4						
5						
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7						
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11						
12						
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20						

Project Title: **EPX COMPRESSION RC 10332**

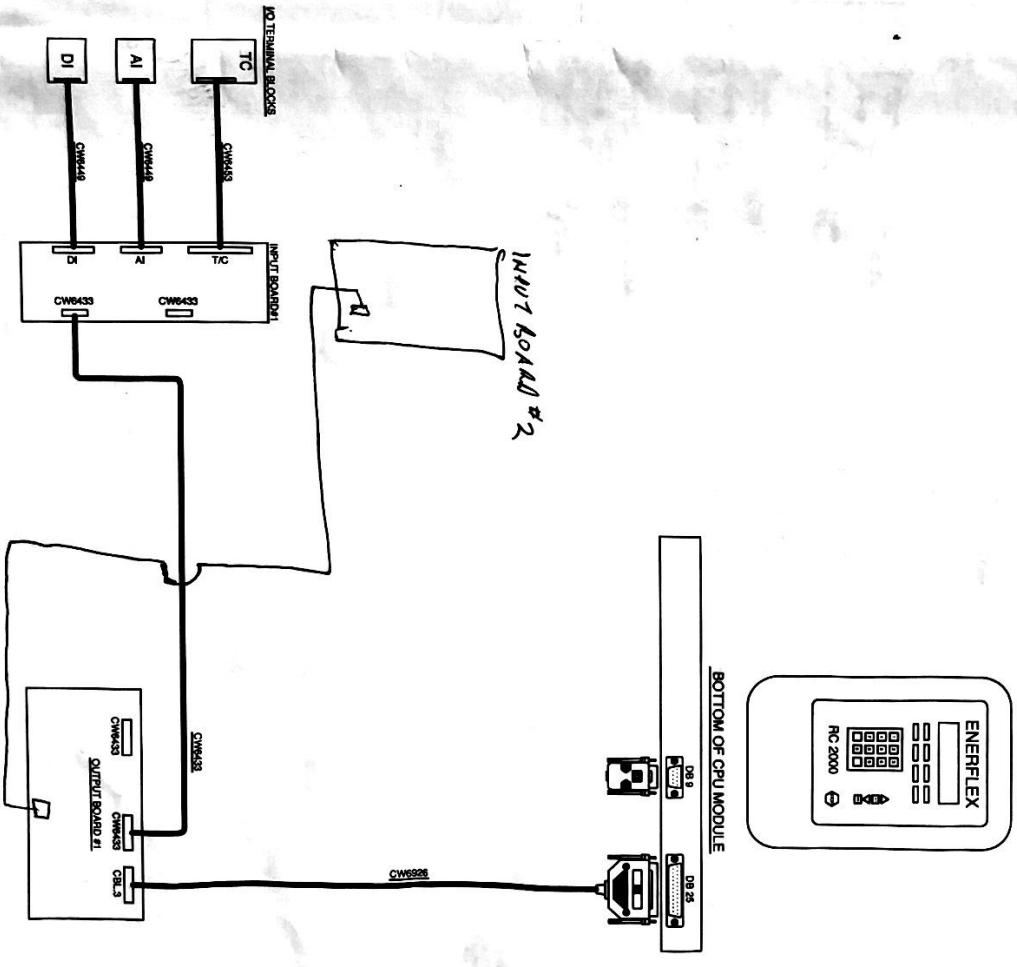
Customer Number: **5190193-02**

Customer Name: **Syntech**

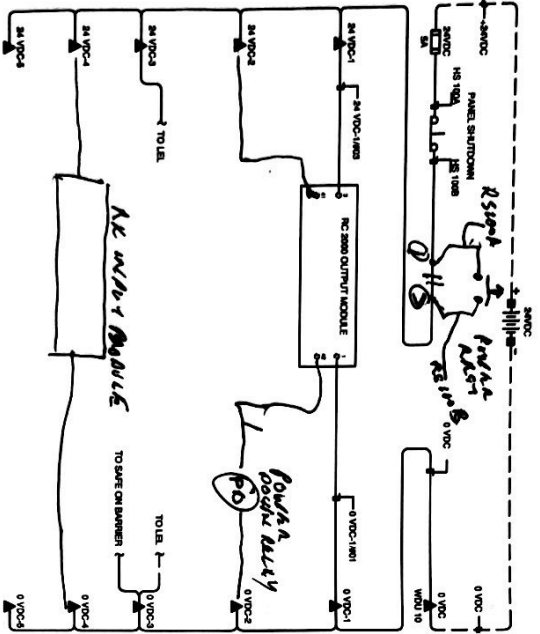
Customer Address: **1/0 BOARD CABLE CONNECTION LAYOUT DRAWING**

Customer Part Number: **1 of 1**

Customer Drawing Number: **NTS**

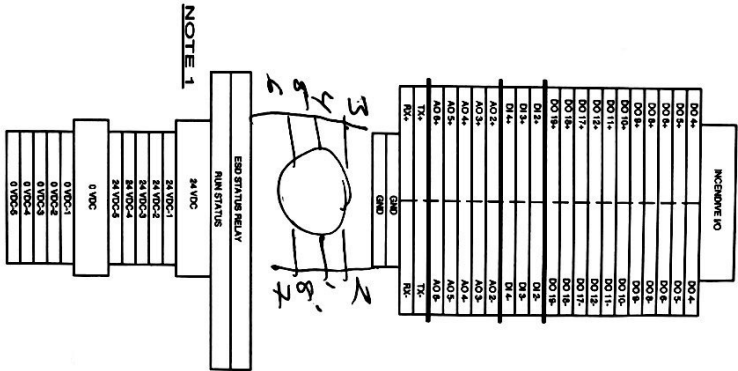


24VDC POWER DISTRIBUTION



24VDC TERMINAL LAYOUT

TOP LEVEL BOTTOM LEVEL



NOTE 1

NOTES:
1. SEPARATE 24 VDC POWER PROVIDED FOR PANEL

LEGEND:
1. PANEL WIRING
2. FIELD WIRING
3. PANEL SHARDING
4. ANALOG INPUT/OUTPUT
5. ANALOG LOOP-TEMPLE
6. DISCONNECT TERMINAL

WIRE COLOR/LEGEND:
1. 24VDC-RED
2. 24VDC-YELLOW
3. 24VDC-BLUE
4. ANALOG INPUT/OUTPUT - BLACK
5. ANALOG LOOP-TEMPLE
6. DISCONNECT TERMINAL

Rev	Rev No	Rev Description	By	Date	Checked	App'd
1	1	REVISION FOR CONSTRUCTION	AK	12/09/2000	BM	
2	2	24VDC-1A BUILT	JM	10/10/2000	BM	
3	3	24VDC-2A BUILT	AK	28/09/2000	BM	

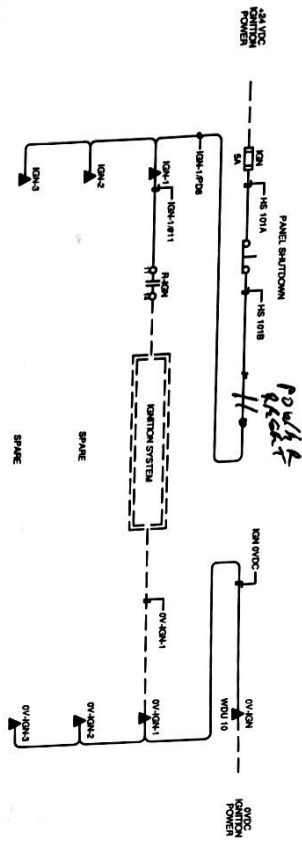
Project Title: EFX COMPRESSION
FC 10332

24 VDC POWER DISTRIBUTION LAYOUT DRAWING

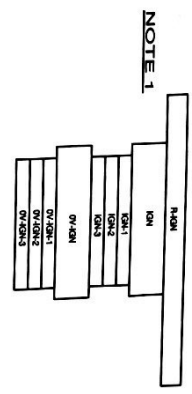
System Number: 5190193-05
Drawing Number: NTS
1 of 1

Syntech

IGNITION DISTRIBUTION



IGNITION TERMINAL LAYOUT



NOTES:
 1. SEPARATE 24 VDC POWER PROVIDED FOR IGNITION
LEGEND:
 1. PANEL WIRING
 2. FIELD WIRING
 3. SWITCHED YELLOW
 4. FUSED TERMINAL
 5. AMALGAM INPUT OUTPUT - BLACK
 6. DISCONNECT TERMINAL
WIRE COLOR LEGEND:
 1. 24VDC: RED
 2. 24VDC: YELLOW
 3. SWITCHED: YELLOW
 4. PANEL: SWITCH AS B.L.T.
 5. AMALGAM INPUT OUTPUT: BLACK
 6. AMALGAM LOOP: PURPLE

Rev	Issued By	Revision Description	By	Date	Checked	App'd
3		SWITCH AS B.L.T.	SM	18.12.2006	SM	
2		PANEL SWITCH AS B.L.T.	MC	28.04.2006	SM	
1		ISSUED FOR CONSTRUCTION	MC	13.09.2006	SM	

Project Title: **EPX COMPRESSION FC 10332**

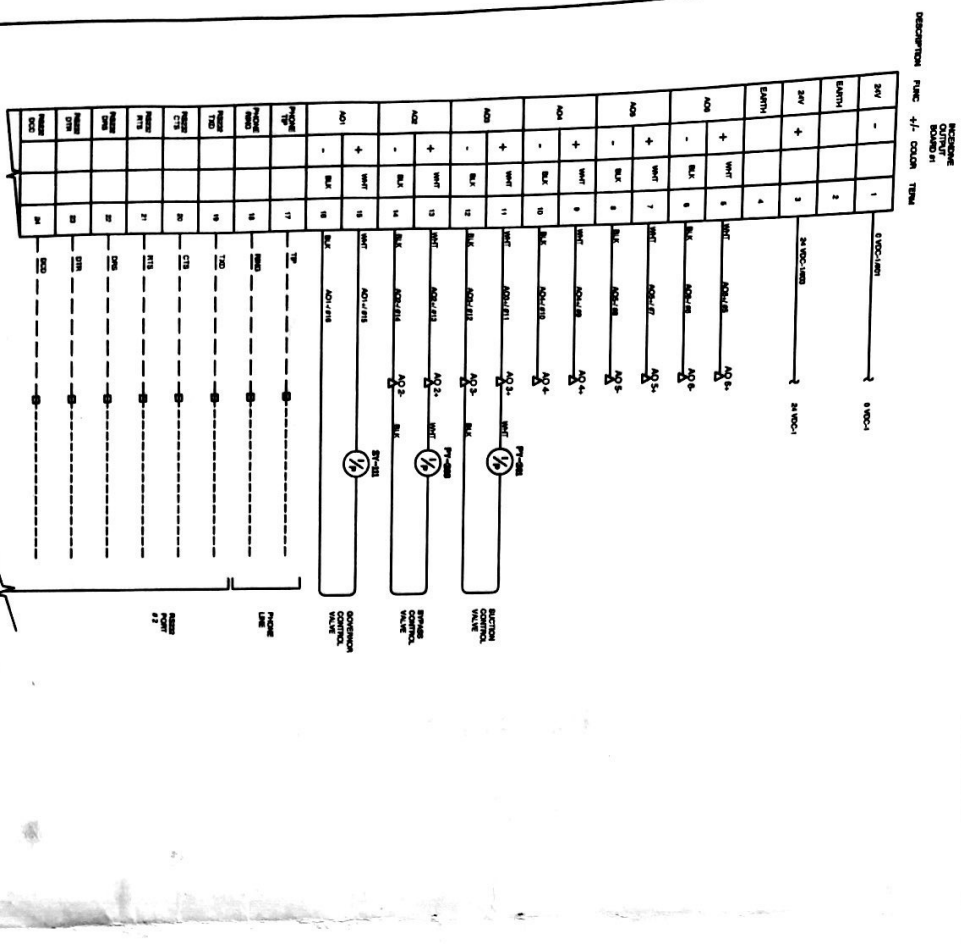
Drawing Title: **IGNITION POWER DISTRIBUTION LAYOUT DRAWING**

Customer Drawing Number: **5190193-06**

Customer's Number: **NTS**

1 of 1





NOTES

1. INCENDIVE OUTPUT BOARD #1

LEGEND

WIRE COLOR LEGEND

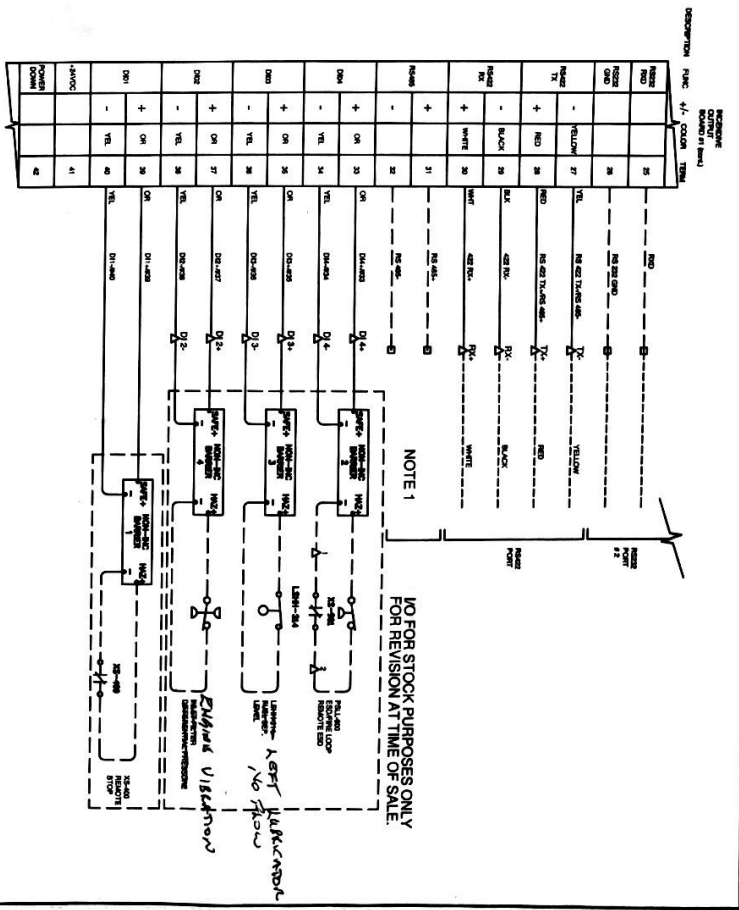
1. SAND: RED
2. SAND: YELLOW
3. SAND: BLACK
4. SAND: WHITE
5. SAND: BLUE
6. SAND: GREEN
7. SAND: PURPLE

TERMINAL TYPE LEGEND

1. PANEL MOUNTED TERMINAL
2. PANEL MOUNTED TERMINAL
3. PANEL MOUNTED TERMINAL
4. PANEL MOUNTED TERMINAL
5. PANEL MOUNTED TERMINAL
6. PANEL MOUNTED TERMINAL
7. PANEL MOUNTED TERMINAL

REVISION HISTORY

Rev	Date	By	Description
1	11/10/2006	AK	ISSUED FOR CONSTRUCTION
2	12/08/2006	AK	ISSUED FOR CONSTRUCTION



NOTES

1. INCENDIVE OUTPUT BOARD #1

LEGEND

WIRE COLOR LEGEND

1. SAND: RED
2. SAND: YELLOW
3. SAND: BLACK
4. SAND: WHITE
5. SAND: BLUE
6. SAND: GREEN
7. SAND: PURPLE

TERMINAL TYPE LEGEND

1. PANEL MOUNTED TERMINAL
2. PANEL MOUNTED TERMINAL
3. PANEL MOUNTED TERMINAL
4. PANEL MOUNTED TERMINAL
5. PANEL MOUNTED TERMINAL
6. PANEL MOUNTED TERMINAL
7. PANEL MOUNTED TERMINAL

REVISION HISTORY

Rev	Date	By	Description
1	11/10/2006	AK	ISSUED FOR CONSTRUCTION
2	12/08/2006	AK	ISSUED FOR CONSTRUCTION

Project Title: EFX COMPRESSION RC 10392

Drawing Title: INCENDIVE OUTPUT BOARD #1 LAYOUT DRAWING

Sheet Number: 5190193-07

1 of 1

NTS

NOTES

1. INCENDIVE OUTPUT BOARD #1

2. INCENDIVE OUTPUT BOARD #1

3. INCENDIVE OUTPUT BOARD #1

4. INCENDIVE OUTPUT BOARD #1

5. INCENDIVE OUTPUT BOARD #1

6. INCENDIVE OUTPUT BOARD #1

7. INCENDIVE OUTPUT BOARD #1

8. INCENDIVE OUTPUT BOARD #1

9. INCENDIVE OUTPUT BOARD #1

10. INCENDIVE OUTPUT BOARD #1

11. INCENDIVE OUTPUT BOARD #1

12. INCENDIVE OUTPUT BOARD #1

13. INCENDIVE OUTPUT BOARD #1

14. INCENDIVE OUTPUT BOARD #1

15. INCENDIVE OUTPUT BOARD #1

16. INCENDIVE OUTPUT BOARD #1

17. INCENDIVE OUTPUT BOARD #1

18. INCENDIVE OUTPUT BOARD #1

19. INCENDIVE OUTPUT BOARD #1

20. INCENDIVE OUTPUT BOARD #1

21. INCENDIVE OUTPUT BOARD #1

22. INCENDIVE OUTPUT BOARD #1

23. INCENDIVE OUTPUT BOARD #1

24. INCENDIVE OUTPUT BOARD #1

25. INCENDIVE OUTPUT BOARD #1

26. INCENDIVE OUTPUT BOARD #1

27. INCENDIVE OUTPUT BOARD #1

28. INCENDIVE OUTPUT BOARD #1

29. INCENDIVE OUTPUT BOARD #1

30. INCENDIVE OUTPUT BOARD #1

31. INCENDIVE OUTPUT BOARD #1

32. INCENDIVE OUTPUT BOARD #1

33. INCENDIVE OUTPUT BOARD #1

34. INCENDIVE OUTPUT BOARD #1

35. INCENDIVE OUTPUT BOARD #1

36. INCENDIVE OUTPUT BOARD #1

37. INCENDIVE OUTPUT BOARD #1

38. INCENDIVE OUTPUT BOARD #1

39. INCENDIVE OUTPUT BOARD #1

40. INCENDIVE OUTPUT BOARD #1

41. INCENDIVE OUTPUT BOARD #1

INCENDIVE
OUTPUT BOARD #1 (cont.)
DESCRIPTION NAME +/- COLOR TEST

OUT 2	+	OR	OR	DO 20-404	RY-413	RETURN GAS SOLID
OUT 3	-	OR	OR	DO 20-404		
OUT 4	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 5	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 6	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 7	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 8	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 9	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 10	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 11	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 12	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 13	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 14	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 15	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 16	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 17	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 18	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 19	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 20	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 21	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 22	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 23	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 24	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 25	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 26	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 27	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 28	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 29	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 30	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID

INCENDIVE
OUTPUT BOARD #1 (cont.)
DESCRIPTION NAME +/- COLOR TEST

OUT 31	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 32	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 33	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 34	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 35	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 36	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 37	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 38	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 39	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 40	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 41	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 42	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 43	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 44	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 45	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 46	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 47	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 48	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 49	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 50	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 51	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 52	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 53	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 54	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 55	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 56	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 57	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 58	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 59	+	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID
OUT 60	-	OR	OR	DO 20-404	DO 10	SHAKE VALVE SOLID

NOTES
1. NOT FOR CUSTOMER USE

LEGEND
1. PANEL WOUND
2. INCENDIVE RED
3. INCENDIVE YELLOW
4. INCENDIVE GREEN
5. FIELD THROUGH TERMINAL
6. AVAIL FOR OUTPUT - BLACK
7. AVAIL FOR OUTPUT - WHITE
8. AVAIL FOR OUTPUT - WHITE
9. AVAIL FOR OUTPUT - WHITE

WHITE COLOR LEGEND
1. AVAIL FOR OUTPUT - BLACK
2. AVAIL FOR OUTPUT - BLACK
3. AVAIL FOR OUTPUT - BLACK
4. AVAIL FOR OUTPUT - BLACK
5. AVAIL FOR OUTPUT - BLACK
6. AVAIL FOR OUTPUT - BLACK
7. AVAIL FOR OUTPUT - BLACK
8. AVAIL FOR OUTPUT - BLACK
9. AVAIL FOR OUTPUT - BLACK

Rev	1	2	3	4	5	6	7	8	9	10
Date										
By										
Checked										
Approved										

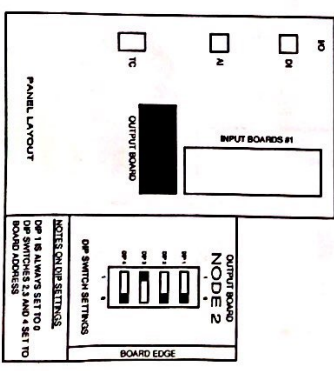
Project Title
EFX COMPRESSION
RC 10332

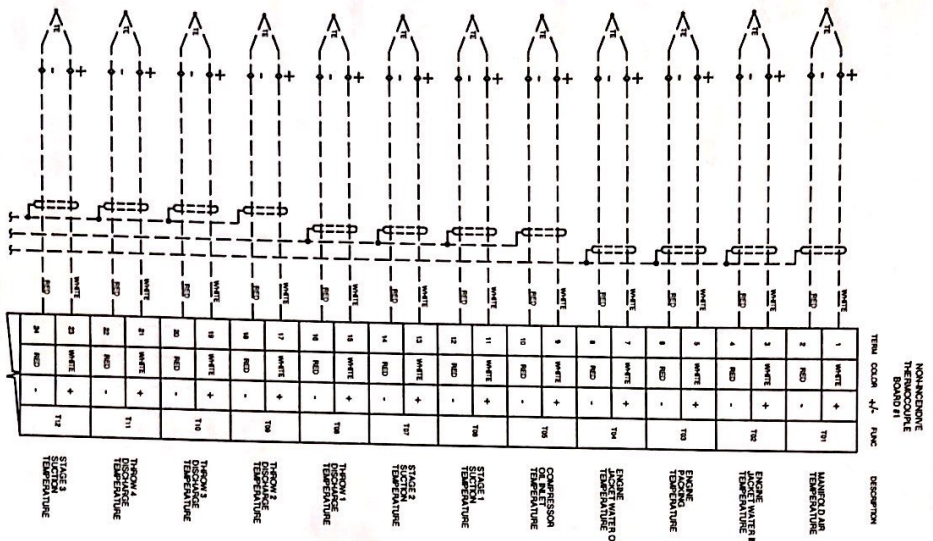
Drawing Title
INCENDIVE OUTPUT BOARD #1 (cont.)
LAYOUT DRAWING

Sheet Number
5190193-08

Customer
NTS

1 of 1





LEGEND

PANEL WIRING

1. - SAWS: RED
2. - SAWS: YELLOW
3. - SAWS: BLACK
4. - SAWS: WHITE
5. - SAWS: GREEN
6. - SAWS: BLUE

WIRE COLOR LEGEND

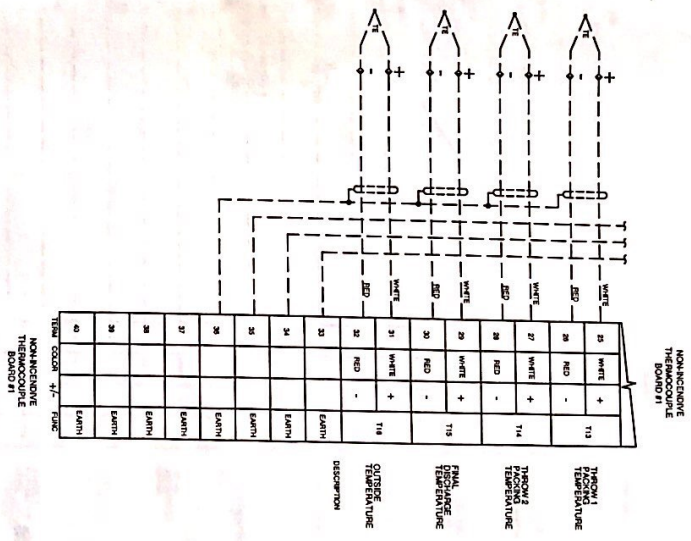
1. - SAWS: RED
2. - SAWS: YELLOW
3. - SAWS: BLACK
4. - SAWS: WHITE
5. - SAWS: GREEN
6. - SAWS: BLUE

WIRING TERMINALS

1. - SAWS: RED
2. - SAWS: YELLOW
3. - SAWS: BLACK
4. - SAWS: WHITE
5. - SAWS: GREEN
6. - SAWS: BLUE

DISCONNECT TERMINAL

1. - SAWS: RED
2. - SAWS: YELLOW
3. - SAWS: BLACK
4. - SAWS: WHITE
5. - SAWS: GREEN
6. - SAWS: BLUE



Project Title

EFX COMPRESSION
RC 10932

Revision Description

Rev	Rev No	Revision Description	By	Date	Checked	Appr
1	1	ISSUED FOR CONSTRUCTION	AM	11.16.2001	AM	
2	2	SHOP AS-BUILT	AM	11.16.2001	AM	
3	3	SHOP AS-BUILT	AM	11.16.2001	AM	

Drawing Title

NON-INDUCTIVE INPUT BOARD #1
THERMOCOUPLE LAYOUT DRAWING

Drawing Number

5190193-09

Drawing Number

1 of 1

Scale

NTS

Syntech

1011

NTS

