DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

BASE LOAD POWER HUB (BLPH)

INSTRUMENT - SAFETY SYSTEM WIRING DIAGRAM

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	04/10/2024	VBA	LCA	DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	23/02/2024	VBA	LCA	DLO	ISSUED FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT – SAFETY SYSTEM WIRING DIAGRAMS
COVER SHEET

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 001	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

SHEET NO.	DESCRIPTION	REV. NO.
01	COVER SHEET	01
02	INDEX / REVISION SHEET	01
03	GENERAL NOTES / LEGENDS	01
04	SIS WIRING DIAGRAMS	01
05	00-JE-21001 (AI/AO- NIS)	01
06	00-JE-21002 (AI/AO-NIS)	01
07	63-PT-004	01
08	SPARE PAGE	01
09	SPARE PAGE	01
10	00-JE-22001-SH.1 OF 2	01
11	00-JE-22001-SH.2 OF 2	01
12	00-JE-22002-SH.1 OF 2	01
13	00-JE-22002-SH.2 OF 2	01
14	PACKAGE UCP FAULT ALARM	01
15	HVAC SYSTEM FAULT ALARM	01
16	NAVAIDS SYSTEM FAULT ALARM	01
17	SPARE PAGE	01
18	00-JE-23001	01
19	00-JE-23002	01
20	PACKAGE UCP SHUTDOWN	01
21	HVAC SYSTEM SHUTDOWN	01
22	ELECTR. EQUIPMENT - SHUTDOWN	01
23	ELECTR. EQUIPMENT - SHUTDOWN	01
24	ELECTR. EQUIPMENT - SHUTDOWN	01
25	ELECTR. EQUIPMENT - SHUTDOWN	01
26	SPARE PAGE	01
27	SPARE PAGE	01
28	SPARE PAGE	01
29	FGS WIRING DIAGRAMS	01
30	950-JE-01101	01
31	950-JE-01102	01
32	950-JE-01103	01
33	950-JE-02101	01
34	950-JE-02102	01
35	950-JE-02103	01
36	950-JE-03101	01

SHEET NO.	DESCRIPTION	REV. NO.
37	950-JE-03102	01
38	950-JE-03103	01
39	950-JE-04101	01
40	950-JE-04102	01
41	950-JE-04201	01
42	950-JE-04204	01
43	950-JE-04205	01
44	950-JE-04208	01
45	950-JE-05101	01
46	950-JE-05102	01
47	950-JE-06101	01
48	950-JE-06102	01
49	950-JE-06201	01
50	950-JE-06204	01
51	MANUAL FIRE ALARM (MFA) - DIRECT CABLES	01
52	SME DETECTOR (SDZ) - B-400	01
53	GAS DETECTOR (GDZ) - B-400	01
54	SPARE PAGE	01
55	SPARE PAGE	01
56	FIRE DAMPER FEEDBACK - B-100	01
57	FIRE DAMPER FEEDBACK - B-200	01
58	FIRE DAMPER FEEDBACK - B-300	01
59	FIRE DAMPER FEEDBACK - B-400	01
60	FIRE & GAS ALARM FROM PACKAGE	01
61	SPARE PAGE	01
62	SPARE PAGE	01
63	SPARE PAGE	01
64	950-JE-01104	01
65	950-JE-02104	01
66	950-JE-03104	01
67	950-JE-04103	01
68	950-JE-04203	01
69	950-JE-04207	01
70	950-JE-05103	01
71	950-JE-05104	01
72	950-JE-06103	01

SHEET NO.	DESCRIPTION	REV. NO.
73	950-JE-06203	01
74	950-JE-07101	01
75	SOUNDER (XZ) AND BEACON (XL) - B-400	01
76	FIRE DAMPER COMMAND - B-400	01
77	FIRE DAMPER COMMAND - B-400	01
78	NAVAIDS SYSTEM - SHUTDOWN	01
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT – SAFETY SYSTEM WIRING DIAGRAMS
INDEX/REVISION SHEET

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 002	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

NOTES:

1. ALL SPARE ENTRIES SHALL BE PROVIDED WITH CERTIFIED EX PROOF PLUGS.
2. CABLE SCREENS / DRAIN WIRE SHALL BE SECURELY INSULATED AND TIED BACK IN THE INSTRUMENT SIDE AND SHAL BE TERMINATED IN THE MARSHALLING SIDE OF THE PANEL.
3. SPARE PAIRS / TRIADS SHALL BE CONNECTED TO TERMINALS IN JUNCTION BOX AND PANEL / MARSHALLING CABINETS.
4. ALL CABLE SCREENS TO BE TERMINATED AT THE INSTRUMENT EARTH BAR IN THE RESPECTIVE EARTH BARS (IS OR NIS) AS APPLICABLE IN THE MARSHALLING CABINET.
5. CONNECTION TERMINAL BLOCK SHALL BE DEFINED DURING CONSTRUCTION PHASE.

<01>

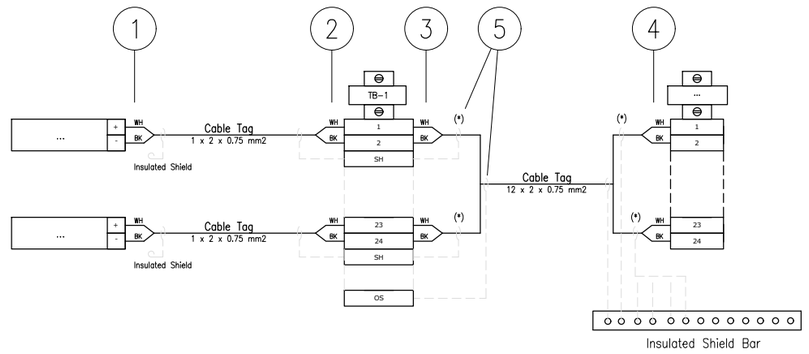
LEGENDS & SYMBOLS:

LEGEND:

I.E.	- GREEN ——— INSTRUMENT SIGNAL EARTH
P.E.	- GREEN/YELLOW —— P.E. EARTH/BONDING
	- TERMINAL BLOCK (TB)
WH	- WHITE
BK	- BLACK
RD	- RED
S	- SHIELD TERMINAL
OS	- OVERALL SHIELD TERMINAL
O/A Shld	- OVERALL SHIELD
I&O/A Shld	- INDIVIDUAL & OVERALL SHIELD
NIS	- NON INTRINSICALLY SAFE
IS	- INTRINSICALLY SAFE
P.E.	- PLANT EARTH
PCS	- PROCESS CONTROL SYSTEM <01>
ESD	- EMERGENCY SHUTDOWN SYSTEM
SIS	- SAFETY INSTRUMENT SYSTEM
FGS	- FIRE & GAS SYSTEM <01>
MC	- MARSHALLING CABINET
AI	- ANALOGUE INPUT
AO	- ANALOGUE OUTPUT
DI	- DIGITAL INPUT
DO	- DIGITAL OUTPUT
JE	- JUNCTION BOX FOR ELECTRICAL SIGNALS <01>

TYPICAL WIRE CROSS-FERRULING:

PHILOSOPHY OF CROSS-FERRULING: <01>



(*) Single shield is foreseen only for AI/AO signals.

1 - INSTRUMENT TERMINAL NO. OR POLARITY/JB NO./JB TERMINAL NO.
(SAME TAGGING PHILOSOPHY SHALL APPLIED ALSO TO THE SHIELD)

2 - INSTRUMENT TAG NO./INSTRUMENT TERMINAL NO. OR POLARITY/JB TERMINAL NO.
(SAME TAGGING PHILOSOPHY SHALL APPLIED ALSO TO THE SHIELD)

3 - PAIR OR CORE NO./MARSHALLING CABINET NO./TB NO./TERMINAL NO.
(SAME TAGGING PHILOSOPHY SHALL APPLIED ALSO TO THE SHIELD)

4 - PAIR OR CORE NO./JB NO./JB TERMINAL NO./TB NO./TERMINAL NO.
(SAME TAGGING PHILOSOPHY SHALL APPLIED ALSO TO THE SHIELD)

5 - HEAT SHRINKABLE BLACK FOR SHIELD OF NIS INSTRUMENT CABLE.
(HEAT SHRINKABLE BLUE FOR SHIELD OF NIS INSTRUMENT CABLE)

REFERENCE DRAWINGS

PIPING AND INSTRUMENT DIAGRAM	123A90-DDL-PR-PID-80009
INSTRUMENT INDEX	123A90-DDL-IN-LIS-40088 Rev.01
F&G DETECTORS LAYOUT	123A90-DDL-SAF-DL-30027

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT – SAFETY SYSTEM WIRING DIAGRAMS
GENERAL NOTES/LEGENDS

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 003	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

SIS WIRING DIAGRAMS

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT- SAFETY SYSTEM WIRING DIAGRAMS
SIS WIRING DIAGRAMS

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 004	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX	No.	MARSHALLING CABINET
	00-JE-21001		B400-SIS-001

<01>

INSTRUMENTS		JUNCTION BOX		MULTICABLE No.		I&T EQUIPMENT ROOM (ITER)
						MARSHALLING CABINET
		00-JE-21001				B400-SIS-001
25-PT-004 (+ WH, - BK) NOTE-2	C-25-PT-004/00-JE-21001 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-1 1 (WH) / 2 (BK) / SH	PR1 (WH, BK)	00-JE-21001/B400-SIS-001 12x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS	PR1 (WH 1, BK 2)	TB-00-JE-21001 1 25-PT-004
25-PT-006 (+ WH, - BK) NOTE-2	C-25-PT-006/00-JE-21001 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	3 (WH) / 4 (BK) / SH	PR2 (WH, BK)		PR2 (WH 3, BK 4)	3 25-PT-006
25-PT-008 (+ WH, - BK) NOTE-2	C-25-PT-008/00-JE-21001 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	5 (WH) / 6 (BK) / SH	PR3 (WH, BK)		PR3 (WH 5, BK 6)	5 25-PT-008
25-PT-009 (+ WH, - BK) NOTE-2	C-25-PT-009/00-JE-21001 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	7 (WH) / 8 (BK) / SH	PR4 (WH, BK)		PR4 (WH 7, BK 8)	7 25-PT-009
25-PT-011 (+ WH, - BK) NOTE-2	C-25-PT-011/00-JE-21001 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	9 (WH) / 10 (BK) / SH	PR5 (WH, BK)		PR5 (WH 9, BK 10)	9 25-PT-011
25-PT-012 (+ WH, - BK) NOTE-2	C-25-PT-012/00-JE-21001 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	11 (WH) / 12 (BK) / SH	PR6 (WH, BK)		PR6 (WH 11, BK 12)	11 25-PT-012
		SPARE 13 (WH) / 14 (BK) / SH	PR7 (WH, BK)		PR7 (WH 13, BK 14)	13 SPARE
		SPARE 15 (WH) / 16 (BK) / SH	PR8 (WH, BK)		PR8 (WH 15, BK 16)	15 SPARE
		SPARE 17 (WH) / 18 (BK) / SH	PR9 (WH, BK)		PR9 (WH 17, BK 18)	17 SPARE
		SPARE 19 (WH) / 20 (BK) / SH	PR10 (WH, BK)		PR10 (WH 19, BK 20)	19 SPARE
		SPARE 21 (WH) / 22 (BK) / SH	PR11 (WH, BK)		PR11 (WH 21, BK 22)	21 SPARE
		SPARE 23 (WH) / 24 (BK) / SH	PR12 (WH, BK)		PR12 (WH 23, BK 24)	23 SPARE
		OS			Shield Bar — I.E.	

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
00–JE–21001

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 005	REV. 01

File Name : 123A90–DDL–IN–DG–40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 00-JE-21002	No.	MARSHALLING CABINET B400-SIS-001

<01>

25-PT-002 (+ WH, - BK) — NOTE-2 — C-25-PT-002/00-JE-21002
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

80-PT-002 (+ WH, - BK) — NOTE-2 — C-80-PT-002/00-JE-21002
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

43-LT-001 (+ WH, - BK) — C-43-LT-001/00-JE-21002
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

64-PT-002 (+ WH, - BK) — NOTE-2 — C-64-PT-002/00-JE-21002
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

TB-1

WH/BK	1	PR1
	2	
	SH	
WH/BK	3	PR2
	4	
	SH	
WH/BK	5	PR3
	6	
	SH	
WH/BK	7	PR4
	8	
	SH	
SPARE	9	PR5
	10	
	SH	
SPARE	11	PR6
	12	
	SH	
	OS	

00-JE-21002/B400-SIS-001
6x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-00-JE-21002

PR1 WH/BK	1	25-PT-002
	2	
Shield Bar PR2 WH/BK	3	80-PT-002
	4	
Shield Bar PR3 WH/BK	5	43-LT-001
	6	
Shield Bar PR4 WH/BK	7	64-PT-002
	8	
Shield Bar PR5 WH/BK	9	SPARE
	10	
Shield Bar PR6 WH/BK	11	SPARE
	12	

Shield Bar — I.E.

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
00–JE–21002

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 006	REV. 01

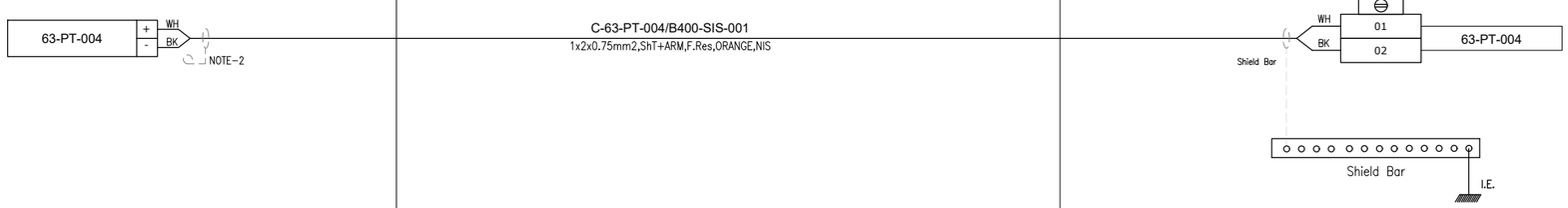
File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FIELD		I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	CABLE NO	MARSHALLING CABINET B400-SIS-001

<01>



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT- SAFETY SYSTEM WIRING DIAGRAMS
63-PT-004

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90-DDL-IN-DG-40016	007	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

SPARE PAGE

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
SPARE

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	008	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

SPARE PAGE

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT- SAFETY SYSTEM WIRING DIAGRAMS
SPARE

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

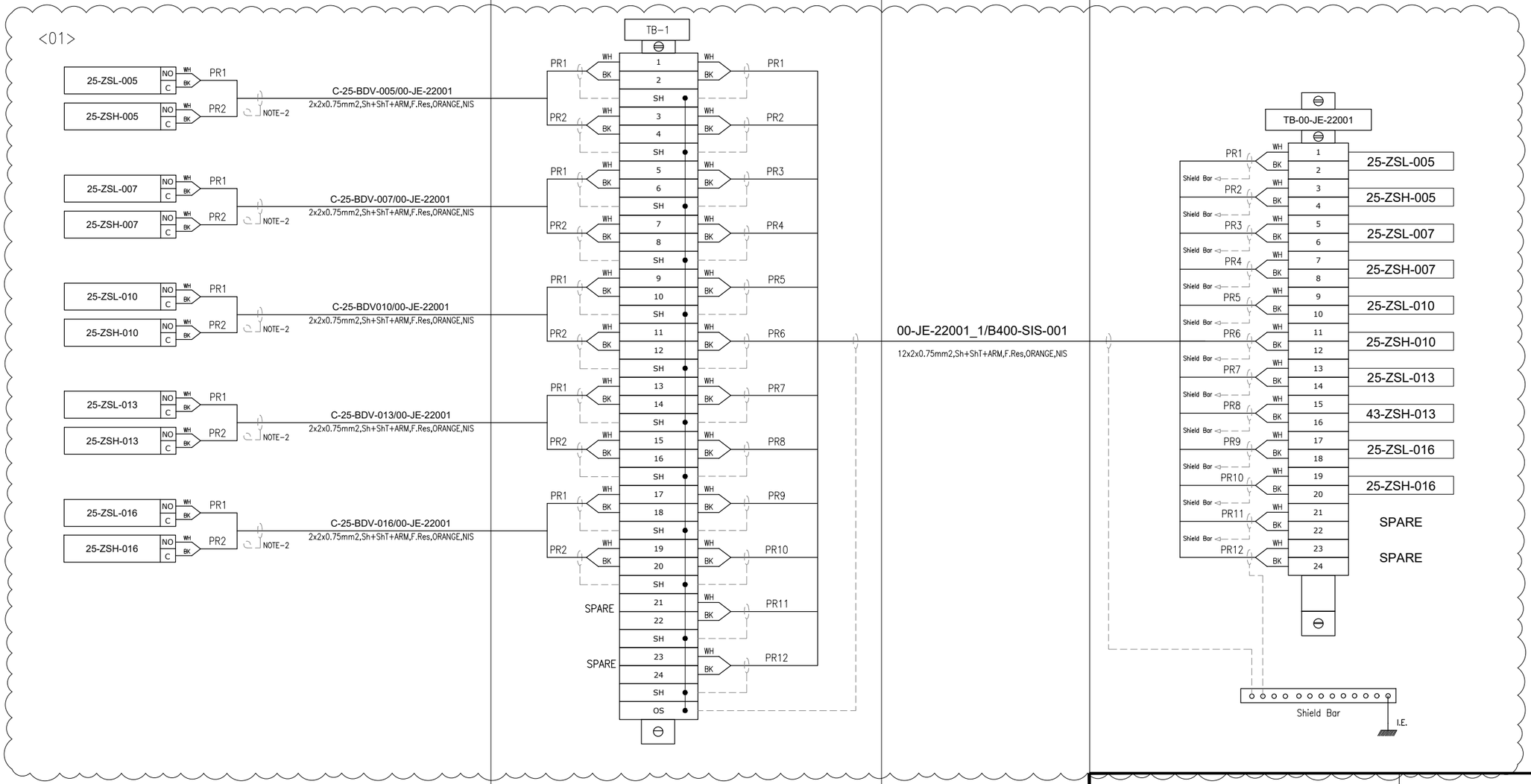
A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 009	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 00-JE-22001	No.	MARSHALLING CABINET B400-SIS-001



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
00–JE–22001–SH.1 OF 2

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 010	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 00-JE-22001	No.	MARSHALLING CABINET B400-SIS-001

<01>

25-ZSL-019 (NO, C) WH BK PR1
25-ZSH-019 (NO, C) WH BK PR2
NOTE-2
C-25-BDV-019/00-JE-22001
2x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

950-ASD-01101 (NO, C) WH BK NOTE-2
C-950-ASD-01101/00-JE-22001
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

950-MOB-01101 (NO, C) WH BK NOTE-2
C-950-MOB-01101/00-JE-22001
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

950-ESD-01101 (NO, C) WH BK NOTE-2
C-950-ESD-01101/00-JE-22002
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

950-ESDD-01101 (NO, C) WH BK NOTE-2
C-950-ESDD-01101/00-JE-22002
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

950-ASD-04101 (NO, C) WH BK NOTE-2
C-950-ASD-04101/00-JE-22002
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

950-MOB-04101 (NO, C) WH BK NOTE-2
C-950-MOB-04101/00-JE-22002
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

950-ESD-04101 (NO, C) WH BK NOTE-2
C-950-ESD-04101/00-JE-22002
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

950-ESDD-04101 (NO, C) WH BK NOTE-2
C-950-ESDD-04101/00-JE-22002
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

TB-2

PR1	WH/BK	25	PR1
		26	
		SH	
PR2	WH/BK	27	PR2
		28	
		SH	
PR3	WH/BK	29	PR3
		30	
		SH	
PR4	WH/BK	31	PR4
		32	
		SH	
PR5	WH/BK	33	PR5
		34	
		SH	
PR6	WH/BK	35	PR6
		36	
		SH	
PR7	WH/BK	37	PR7
		38	
		SH	
PR8	WH/BK	39	PR8
		40	
		SH	
PR9	WH/BK	41	PR9
		42	
		SH	
PR10	WH/BK	43	PR10
		44	
		SH	
PR11	WH/BK	45	SPARE
		46	
		SH	
PR12	WH/BK	47	SPARE
		48	
		SH	
		OS	

00-JE-22001_2/B400-SIS-001
12x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-00-JE-22001

PR1	WH/BK	25	25-ZSL-019
		26	
PR2	WH/BK	27	25-ZSH-019
		28	
PR3	WH/BK	29	950-ASD-01101
		30	
PR4	WH/BK	31	950-MOB-01101
		32	
PR5	WH/BK	33	950-ESD-01101
		34	
PR6	WH/BK	35	950-ESDD-01101
		36	
PR7	WH/BK	37	950-ASD-04101
		38	
PR8	WH/BK	38	950-MOB-04101
		40	
PR9	WH/BK	41	950-ESD-04101
		42	
PR10	WH/BK	43	950-ESDD-04101
		44	
PR11	WH/BK	45	SPARE
		46	
PR12	WH/BK	47	SPARE
		48	

Shield Bar
I.E.

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
00–JE–22001–SH.2 OF 2

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

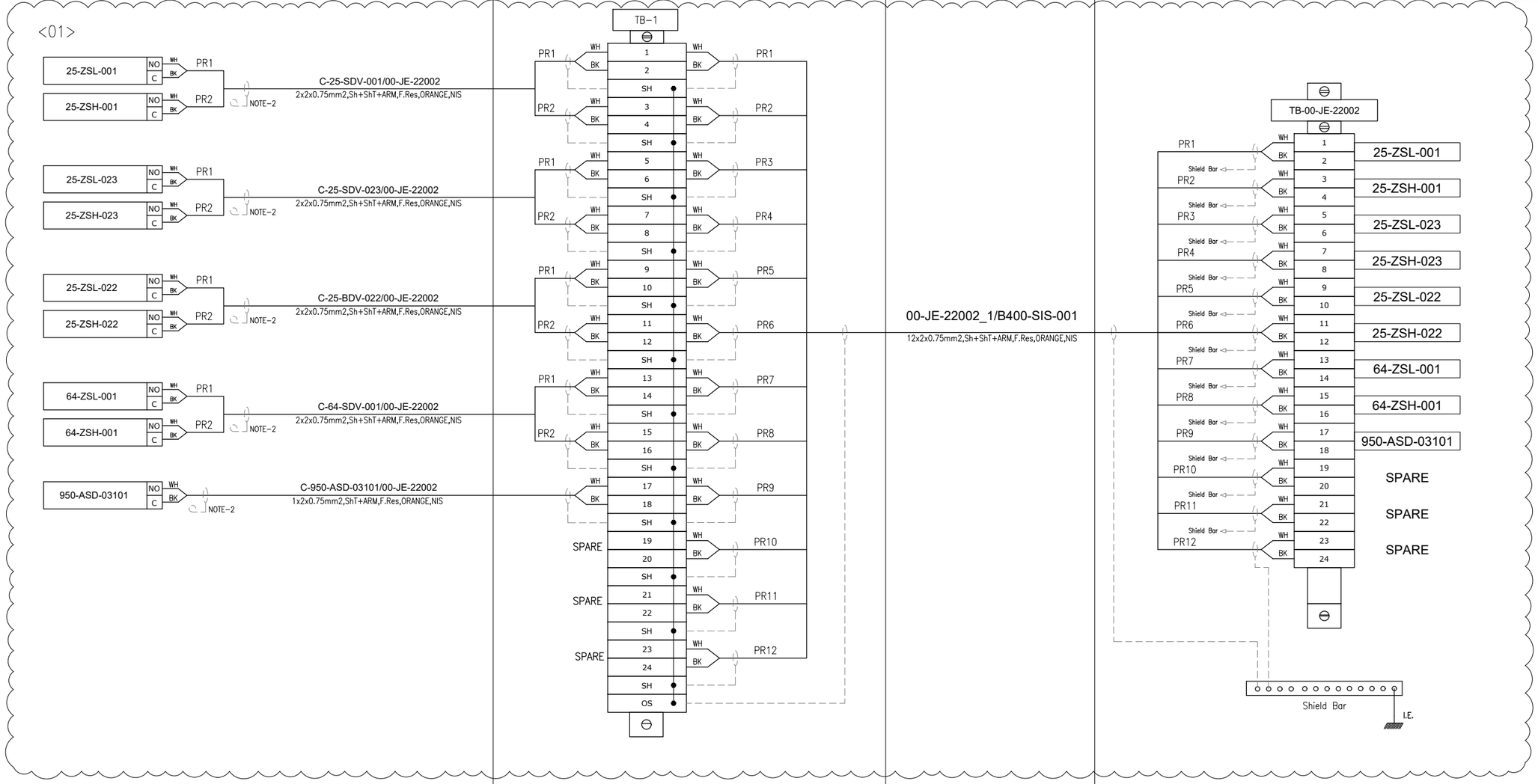
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 011	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 00-JE-22002	No.	MARSHALLING CABINET B400-SIS-001



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
00–JE–22002–SH.1 OF 2

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 012	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 00-JE-22002	No.	MARSHALLING CABINET B400-SIS-001

<01>

INSTRUMENTS		JUNCTION BOX TB-2			MULTICABLE No.	MARSHALLING CABINET TB-00-JE-22002	
						PR1	950-MOB-03101
950-MOB-03101 NO/C WH/BK NOTE-2	C-950-MOB-03101/00-JE-22002 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	WH/BK 25/26	SH	PR1		Shield Bar	
950-ESD-03101 NO/C WH/BK NOTE-2	C-950-ESD-03101/00-JE-22002 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	WH/BK 27/28	SH	PR2		PR2	950-ESD-03101
						Shield Bar	
950-ESDD-03101 NO/C WH/BK NOTE-2	C-950-ESDD-03101/00-JE-22002 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	WH/BK 29/30	SH	PR3		PR3	950-ESDD-03101
						Shield Bar	
950-ASD-06101 NO/C WH/BK NOTE-2	C-950-ASD-06101/00-JE-22002 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	WH/BK 31/32	SH	PR4		PR4	950-ASD-06101
						Shield Bar	
950-MOB-06101 NO/C WH/BK NOTE-2	C-950-MOB-06101/00-JE-22002 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	WH/BK 33/34	SH	PR5		PR5	950-MOB-06101
						Shield Bar	
950-ESD-06101 NO/C WH/BK NOTE-2	C-950-ESD-06101/00-JE-22002 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	WH/BK 35/36	SH	PR6	00-JE-22002_2/B400-SIS-001 12x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS	PR6	950-ESD-06101
						Shield Bar	
950-ESDD-06101 NO/C WH/BK NOTE-2	C-950-ESDD-06101/00-JE-22002 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	WH/BK 37/38	SH	PR7		PR7	950-ESDD-06101
						Shield Bar	
950-ASD-07101 NO/C WH/BK NOTE-2	C-950-ASD-07101/00-JE-22002 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	WH/BK 39/40	SH	PR8		PR8	950-ASD-07101
						Shield Bar	
950-MOB-07101 NO/C WH/BK NOTE-2	C-950-MOB-07101/00-JE-22002 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	WH/BK 41/42	SH	PR9		PR9	950-MOB-07101
						Shield Bar	
950-ESD-07101 NO/C WH/BK NOTE-2	C-950-ESD-07101/00-JE-22002 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	WH/BK 43/44	SH	PR10		PR10	950-ESD-07101
						Shield Bar	
950-ESDD-07101 NO/C WH/BK NOTE-2	C-950-ESDD-07101/00-JE-22002 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS	WH/BK 45/46	SH	PR11		PR11	950-ESDD-07101
						Shield Bar	
		SPARE 47/48	SH	PR12		PR12	SPARE
			OS			Shield Bar	I.E.

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT- SAFETY SYSTEM WIRING DIAGRAMS
00-JE-22002-SH.2 OF 2

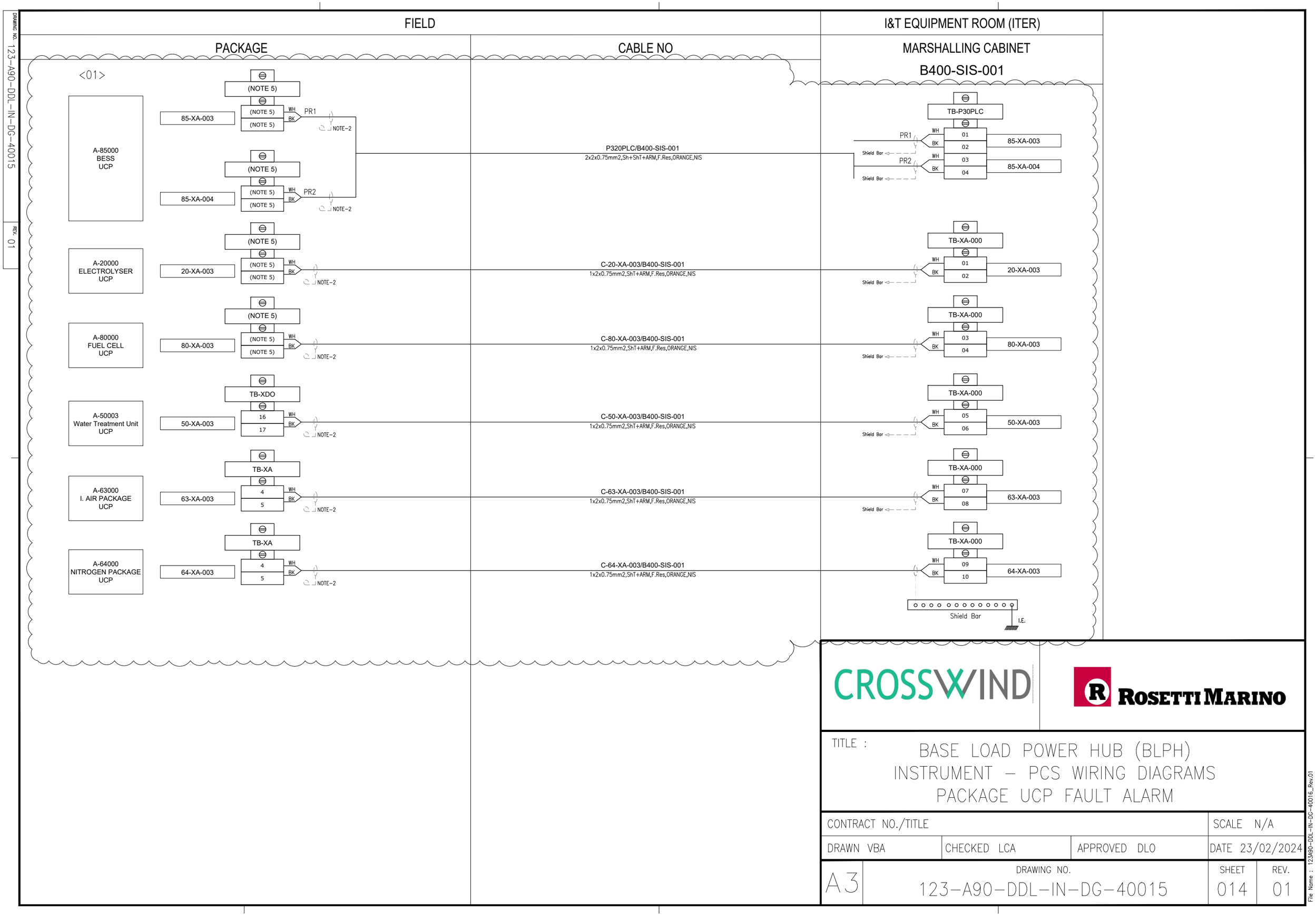
CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90-DDL-IN-DG-40016	013	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40015

REV. 01



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT – PCS WIRING DIAGRAMS
PACKAGE UCP FAULT ALARM

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123-A90-DDL-IN-DG-40015	014	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FIELD		I&T EQUIPMENT ROOM (ITER)
HVAC SYSTEMs	CABLE NO	MARSHALLING CABINET B400-SIS-001

<01>

B-100 HVAC CONTROL P. UCP
TB-XC 102 (WH) 103 (BK) NOTE-2
C-77-XA-001/B400-SIS-001
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS
TB-XA-000 WH 11 BK 12 77-XA-001
Shield Bar

B-200 HVAC CONTROL P. UCP
TB-XC 102 (WH) 103 (BK) NOTE-2
C-77-XA-002/B400-SIS-001
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS
TB-XA-000 WH 13 BK 14 77-XA-002
Shield Bar

B-300 HVAC CONTROL P. UCP
TB-XC 502 (WH) 503 (BK) NOTE-2
C-77-XA-003/B400-SIS-001
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS
TB-XA-000 WH 15 BK 16 77-XA-003
Shield Bar

B-400 HVAC CONTROL P. UCP
TB-XC 502 (WH) 503 (BK) NOTE-2
C-77-XA-004/B400-SIS-001
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS
TB-XA-000 WH 17 BK 18 77-XA-004

Shield Bar
I.E.

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
HVAC SYSTEM FAULT ALARM

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

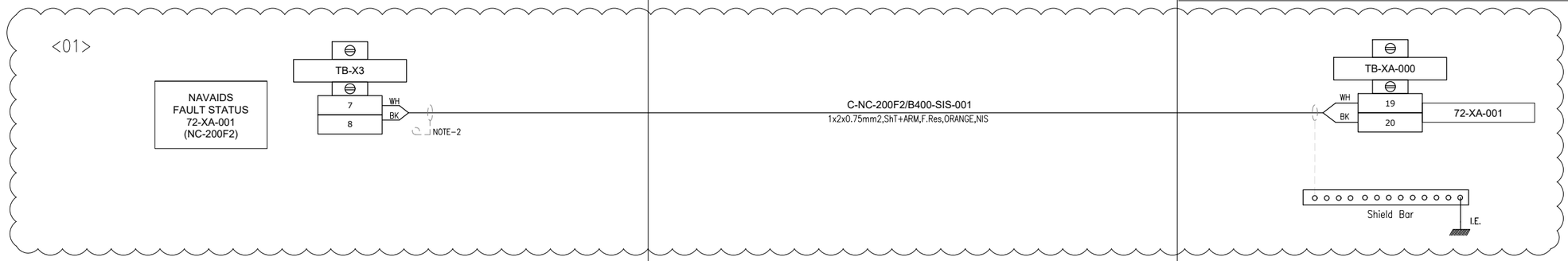
	DRAWING NO.	SHEET	REV.
A3	123A90-DDL-IN-DG-40016	015	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FIELD		I&T EQUIPMENT ROOM (ITER)
B-300 - UPS ROOM	CABLE NO	MARSHALLING CABINET B400-SIS-001



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
NAVAIDS SYSTEM FAULT ALARM

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO.	SHEET	REV.
	123A90-DDL-IN-DG-40016	016	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

SPARE PAGE

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
SPARE

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	017	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX	No.	MARSHALLING CABINET
	00-JE-23001		B400-SIS-001

<01>

INSTRUMENTS	JUNCTION BOX	MULTICABLE	MARSHALLING CABINET
25-BDY-005 (+ 1BK, - 2BK) NOTE-2	C-25-BDY-005/00-JE-23001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS		TB-00-JE-23001 1BK/2BK → 25-BDY-005
25-BDY-007 (+ 1BK, - 2BK) NOTE-2	C-25-BDY-007/00-JE-23001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS		3BK/4BK → 25-BDY-007
25-BDY-010 (+ 1BK, - 2BK) NOTE-2	C-25-BDY-010/00-JE-23001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS		5BK/6BK → 25-BDY-010
25-BDY-013 (+ 1BK, - 2BK) NOTE-2	C-25-BDY-013/00-JE-23001 (4BK) 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS		7BK/8BK → 25-BDY-013
25-BDY-016 (+ 1BK, - 2BK) NOTE-2	C-25-BDY-016/00-JE-23001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS		9BK/10BK → 25-BDY-016
25-BDY-019 (+ 1BK, - 2BK) NOTE-2	C-25-BDY-019/00-JE-23001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS		11BK/12BK → 25-BDY-019

TB-1: 1BK/2BK, 3BK/4BK, 5BK/6BK, 7BK/8BK, 9BK/10BK, 11BK/12BK; SH; SH; SH; SH; SH; SH; SH; SH; SH; SH; SH; SH; OS

00-JE-23001/B400-SIS-001

(4BK) 12x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

Shield Bar — I.E.

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
I INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
00–JE–23001

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 018	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 00-JE-23002	No.	MARSHALLING CABINET B400-SIS-001

<01>

25-SDY-001 (+ 1BK, - 2BK) — NOTE-2 — C-25-SDY-001/00-JE-23002 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

25-BDY-022 (+ 1BK, - 2BK) — NOTE-2 — C-25-BDY-022/00-JE-23002 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

25-SDY-023 (+ 1BK, - 2BK) — NOTE-2 — C-25-SDY-023/00-JE-23002 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

64-SDY-001 (+ 1BK, - 2BK) — NOTE-2 — C-64-SDY-001/00-JE-23002 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

TB-1

1BK / 2BK	1 / 2	1BK / 2BK
	SH / 2	
SPARE	3 / 4	3BK / 4BK
	SH / 5	5BK / 6BK
	6 / SH	
	7 / 8	7BK / 8BK
	SH / 9	9BK / 10BK
	10 / SH	
SPARE	11 / 12	11BK / 12BK
	SH / OS	

00-JE-23002/B400-SIS-001

12x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

TB-00-JE-23002

1BK	1	25-SDY-001
2BK	2	
3BK	3	SPARE
4BK	4	
5BK	5	25-BDY-022
6BK	6	
7BK	7	25-SDY-023
8BK	8	
9BK	9	64-SDY-001
10BK	10	
11BK	11	SPARE
12BK	12	

Shield Bar — I.E.

<01>

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
I INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
00–JE–23002

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	019	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		I&T EQUIPMENT ROOM (ITER)
PACKAGE	CABLE NO	MARSHALLING CABINET B400-SIS-001

<01>

PACKAGE			CABLE NO		
A-85000 BESS UCP	85-XS-001	(NOTE 5) / (NOTE 5) / (NOTE 5) 1BK 2BK NOTE-2	C-85-XS-001/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000 1BK 45 2BK 46	85-XS-001
A-20000 ELECTROLYSER UCP	20-XS-001	(NOTE 5) / (NOTE 5) / (NOTE 5) 1BK 2BK NOTE-2	C-20-XS-001/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000 1BK 07 2BK 08	20-XS-001
A-80000 FUEL CELL UCP	80-XS-001	(NOTE 5) / (NOTE 5) / (NOTE 5) 1BK 2BK NOTE-2	C-80-XS-001/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000 1BK 29 2BK 30	80-XS-001
A-50003 Water Treatment Unit UCP	50-XS-001	TB-EXT / 1 / 2 1BK 2BK NOTE-2	C-50-XS-001/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000 1BK 15 2BK 16	50-XS-001
A-63000 I. AIR PACKAGE UCP	63-XS-001	TB-XA / 1 / 2 1BK 2BK NOTE-2	C-63-XS-001/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000 1BK 17 2BK 18	63-XS-001
A-64000 NITROGEN PACKAGE UCP	64-XS-001	TB-XA / 1 / 2 1BK 2BK NOTE-2	C-64-XS-001/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000 1BK 19 2BK 20	64-XS-001

Shield Bar

I.E.

<01>

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT – SAFETY SYSTEM WIRING DIAGRAMS
PACKAGE UCP SHUTDOWN

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123-A90-DDL-IN-DG-40016	SHEET 020	REV. 01

File Name : 123A90-DDL-IN-DG-40015_00.DWG

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FIELD		I&T EQUIPMENT ROOM (ITER)
HVAC SYSTEMs	CABLE NO	MARSHALLING CABINET B400-SIS-001

<01>

B-100 HVAC CONTROL P. UCP — 77-XS-001 — TB-XC 100/101 (1BK/2BK) — NOTE-2

C-77-XS-001/B400-SIS-001 { 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS }

TB-XS-000 21/22 (1BK/2BK) — 77-XS-001 — Shield Bar

B-200 HVAC CONTROL P. UCP — 77-XS-002 — TB-XC 100/101 (1BK/2BK) — NOTE-2

C-77-XS-002/B400-SIS-001 { 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS }

TB-XS-000 23/24 (1BK/2BK) — 77-XS-002 — Shield Bar

B-300 HVAC CONTROL P. UCP — 77-XS-003 — TB-XC 500/501 (1BK/2BK) — NOTE-2

C-77-XS-003/B400-SIS-001 { 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS }

TB-XS-000 25/26 (1BK/2BK) — 77-XS-003 — Shield Bar

B-400 HVAC CONTROL P. UCP — 77-XS-004 — TB-XC 500/501 (1BK/2BK) — NOTE-2

C-77-XS-004/B400-SIS-001 { 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS }

TB-XS-000 27/28 (1BK/2BK) — 77-XS-004

Shield Bar — I.E.

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
HVAC SYSTEM SHUTDOWN

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90-DDL-IN-DG-40016	021	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		I&T EQUIPMENT ROOM (ITER)
B-100 - HV SWITCHGEAR ROOM	CABLE NO	MARSHALLING CABINET B400-SIS-001

<01>

OPEN WIND FARM INCOMING CIRCUIT BREAKERS (CP-100E1)	TB-X13	81-XS-001	13 (1BK) / 14 (2BK) NOTE-2	C-CP-100E1/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000	31 (1BK) / 32 (2BK) 81-XS-001
OPEN SOLAR INCOMING CIRCUIT BREAKERS (SG-100D1)	TB-XM	82-XS-001	51 (1BK) / 52 (2BK) NOTE-2	SG-100D1-001/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000	33 (1BK) / 34 (2BK) 82-XS-001
OPEN BESS A-85000 INCOMING CIRCUIT BREAKERS (SG-100D1)	TB-XM	82-XS-002	43 (1BK) / 44 (2BK) NOTE-2	SG-100D1-002/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000	35 (1BK) / 36 (2BK) 82-XS-002
OPEN FUEL CELL A-80000 INCOMING C. BREAKERS (SG-100D1)	TB-XM	82-XS-003	37 (1BK) / 38 (2BK) NOTE-2	SG-100D1-003/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000	37 (1BK) / 38 (2BK) 82-XS-003
DISCONNECT DC UPS BATTERY DC UPS (CB-200F1)	TB-X3	84-XS-006	7 (1BK) / 8 (2BK) NOTE-2	CB-200F1/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000	39 (1BK) / 40 (2BK) 84-XS-006
INHIBIT. BATTERY CHARGING DA UPS (UP-200F1)	TB-X10	84-XS-009	1 (1BK) / 2 (2BK) NOTE-2	UP-200F1/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000	41 (1BK) / 42 (2BK) 84-XS-009

Shield Bar

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT–SAFETY SYSTEM WIRING DIAGRAMS
ELECTRICAL EQUIPMENT – SHUTDOWN

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

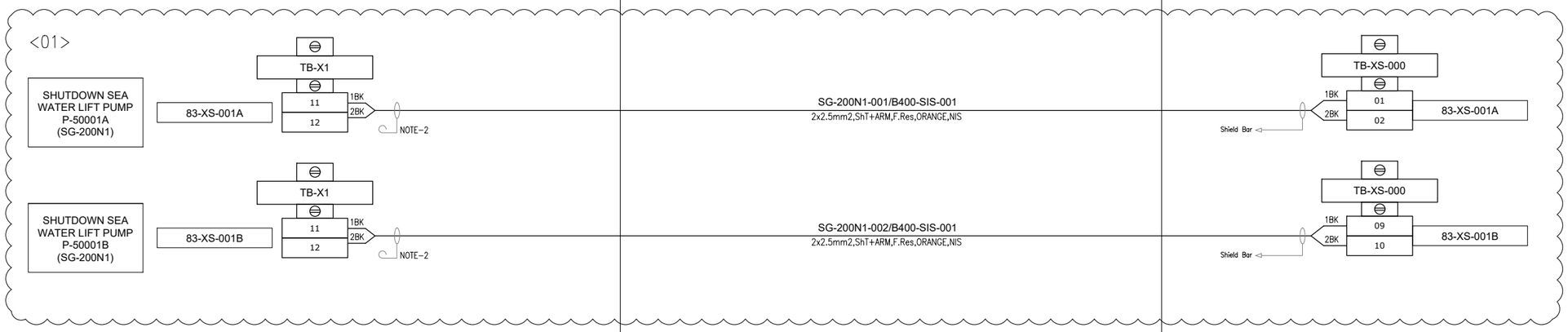
A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 022	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		I&T EQUIPMENT ROOM (ITER)
B-200 - LV SWITCH GEAR ROOM	CABLE NO	MARSHALLING CABINET B400-SIS-001



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–SAFETY SYSTEM WIRING DIAGRAMS
ELECTRICAL EQUIPMENT – SHUTDOWN

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

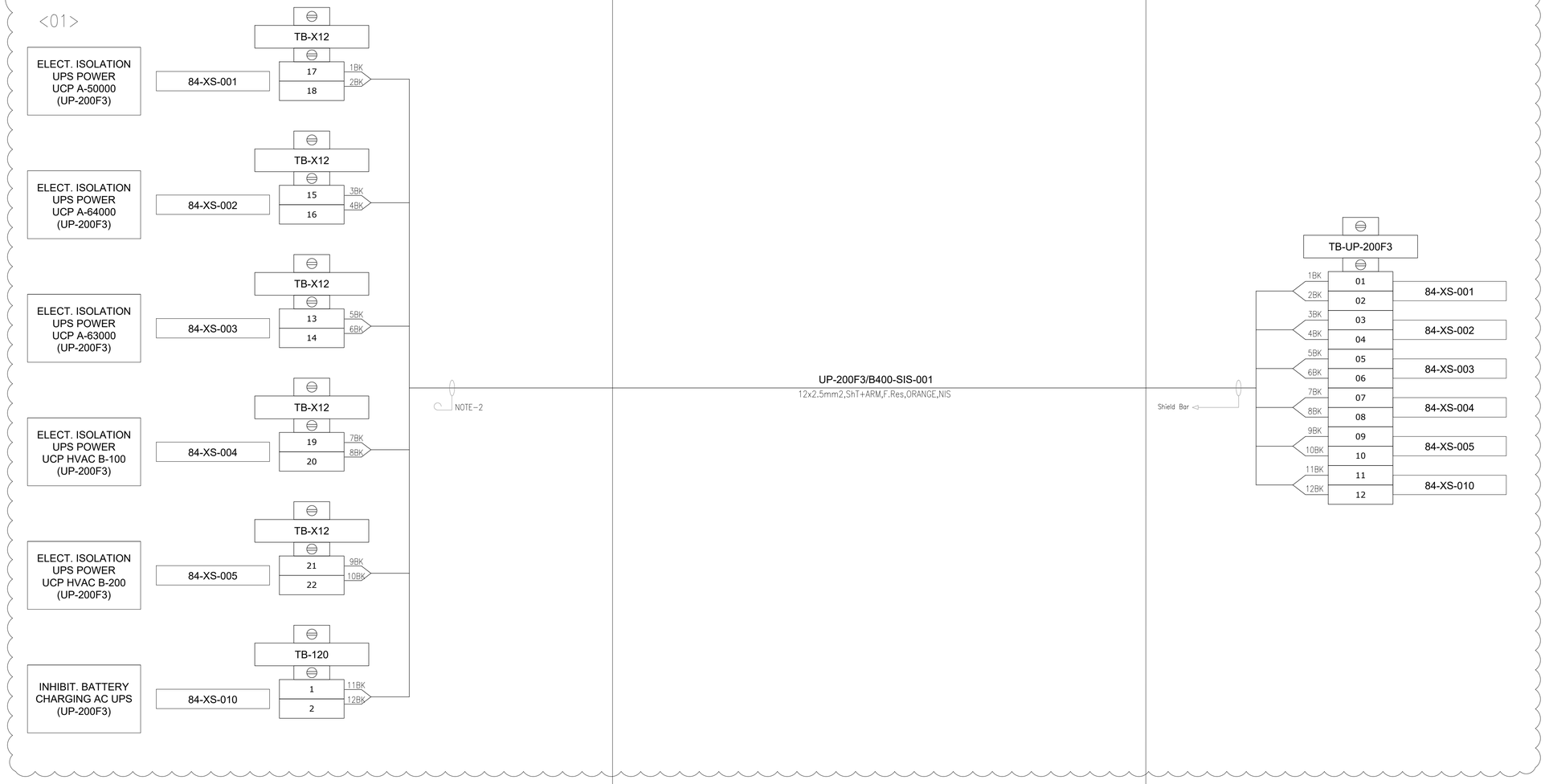
	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	023	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FIELD		I&T EQUIPMENT ROOM (ITER)
B-300 - UPS ROOM	CABLE NO	MARSHALLING CABINET B400-SIS-001



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
ELECTRICAL EQUIPMENT – SHUTDOWN

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	024	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FIELD		I&T EQUIPMENT ROOM (ITER)
B-300 - UPS ROOM	CABLE NO	MARSHALLING CABINET B400-SIS-001

<01>

DISCONNECT AC UPS UP-200F3 BATTERIES A (CB-200F3A)	TB-X3	81-XS-007A	7 (1BK) / 8 (2BK) NOTE-2	CB-200F3A/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000	03 (1BK) / 04 (2BK) 81-XS-007A Shield Bar
DISCONNECT AC UPS UP-200F3 BATTERIES B (CB-200F3B)	TB-X3	81-XS-007B	7 (1BK) / 8 (2BK) NOTE-2	CB-200F3B/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000	11 (1BK) / 12 (2BK) 81-XS-007B Shield Bar
DISCONNECT AC UPS UP-200F4 BATTERIES A (CB-200F4A)	TB-X3	81-XS-008A	7 (1BK) / 8 (2BK) NOTE-2	CB-200F4A/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000	05 (1BK) / 06 (2BK) 81-XS-008A Shield Bar
DISCONNECT AC UPS UP-200F4 BATTERIES B (CB-200F4B)	TB-X3	81-XS-008B	7 (1BK) / 8 (2BK) NOTE-2	CB-200F4B/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000	13 (1BK) / 14 (2BK) 81-XS-008B Shield Bar
INHIBIT. BATTERY CHARGING AC UPS (UP-200F4)	TB-120	84-XS-011	1 (1BK) / 2 (2BK) NOTE-2	UP-200F4/B400-SIS-001 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-XS-000	43 (1BK) / 44 (2BK) 84-XS-011 Shield Bar

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
ELECTRICAL EQUIPMENT – SHUTDOWN

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90-DDL-IN-DG-40016	025	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

SPARE PAGE

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
SPARE

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90-DDL-IN-DG-40016	026	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

SPARE PAGE

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
SPARE

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	027	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

SPARE PAGE

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
SPARE

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	028	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FGS WIRING DIAGRAMS

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT- FGS WIRING DIAGRAMS
FGS WIRING DIAGRAMS

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90-DDL-IN-DG-40016	029	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-01101	No.	MARSHALLING CABINET B400-FGS-002

<01>

950-FDZ-01101 (+24V, mA, Com; RD, WH, BK) — NOTE-2

C-950-FDZ-01101/950-JE-01101
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

950-FDZ-01102 (+24V, mA, Com; RD, WH, BK) — NOTE-2

C-950-FDZ-01102/950-JE-01101
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

950-FDZ-01103 (+24V, mA, Com; RD, WH, BK) — NOTE-2

C-950-FDZ-01103/950-JE-01101
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

950-FDZ-01104 (+24V, mA, Com; RD, WH, BK) — NOTE-2

C-950-FDZ-01104/950-JE-01101
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

TB-1

RD, WH, BK	1	TR1
	2	
	3	
	SH	
RD, WH, BK	4	TR2
	5	
	6	
	SH	
RD, WH, BK	7	TR3
	8	
	9	
	SH	
RD, WH, BK	10	TR4
	11	
	12	
	SH	
SPARE	13	TR5
	14	
	15	
	SH	
SPARE	16	TR6
	17	
	18	
	SH	
	OS	

950-JE-01101/B400-FGS-002
6x3x2.5mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-950-JE-01101

TR1 (Shield Bar)	1	950-FDZ-01101
RD, WH, BK	2	
	3	
TR2 (Shield Bar)	4	950-FDZ-01102
RD, WH, BK	5	
	6	
TR3 (Shield Bar)	7	950-FDZ-01103
RD, WH, BK	8	
	9	
TR4 (Shield Bar)	10	950-FDZ-01104
RD, WH, BK	11	
	12	
TR5 (Shield Bar)	13	
RD, WH, BK	14	SPARE
	15	
TR6	16	
RD, WH, BK	17	SPARE
	18	

Shield Bar — I.E.

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
950-JE-01101

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 030	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-01102	No.	MARSHALLING CABINET B400-FGS-002

<01>

950-GDZ-01101 (+24V, mA, Com) RD, WH, BK — NOTE-2

C-950-GDZ-01101/950-JE-01102
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

950-GDZ-01102 (+24V, mA, Com) RD, WH, BK — NOTE-2

C-950-GDZ-01102/950-JE-01102
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

950-GDZ-01103 (+24V, mA, Com) RD, WH, BK — NOTE-2

C-950-GDZ-01103/950-JE-01102
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

TB-1

RD, WH, BK	1	TR1
	2	
	3	
	SH	
RD, WH, BK	4	TR2
	5	
	6	
	SH	
RD, WH, BK	7	TR3
	8	
	9	
	SH	
SPARE	10	TR4
	11	
	12	
	SH	
SPARE	13	TR5
	14	
	15	
	SH	
SPARE	16	TR6
	17	
	18	
	SH	
	OS	

950-JE-01102/B400-FGS-002
6x3x2.5mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-950-JE-01102

TR1	1	950-GDZ-01101
Shield Bar	2	
	3	
TR2	4	950-GDZ-01102
Shield Bar	5	
	6	
TR3	7	950-GDZ-01103
Shield Bar	8	
	9	
TR4	10	
Shield Bar	11	SPARE
	12	
TR5	13	
Shield Bar	14	SPARE
	15	
TR6	16	
	17	SPARE
	18	

Shield Bar — I.E.

CROSSWIND | ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–01102

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016		SHEET 031 / REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO: 123-A90-DDL-IN-DG-40016

REV: 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-01103	No.	MARSHALLING CABINET B400-FGS-002

<01>

950-MFA-01101 (+ WH, - BK) — NOTE-2 — C-950-MFA-01101/950-JE-011003 (**1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS)

950-MFA-01102 (+ WH, - BK) — NOTE-2 — C-950-MFA-01102/950-JE-011003 (**1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS)

950-MFA-01103 (+ WH, - BK) — NOTE-2 — C-950-MFA-01103/950-JE-011003 (**1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS)

TB-1

WH/BK	1	PR1
	2	
	SH	
WH/BK	3	PR2
	4	
	SH	
WH/BK	5	PR3
	6	
	SH	
SPARE	7	PR4
	8	
	SH	
SPARE	9	PR5
	10	
	SH	
SPARE	11	PR6
	12	
	SH	
	OS	

950-JE-01103/B400-FGS-002
6x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-950-JE-01103

PR1 WH/BK	1	950-MFA-01101
Shield Bar	2	
PR2 WH/BK	3	950-MFA-01102
Shield Bar	4	
PR3 WH/BK	5	950-MFA-01103
Shield Bar	6	
PR4 WH/BK	7	SPARE
Shield Bar	8	
PR5 WH/BK	9	SPARE
Shield Bar	10	
PR6 WH/BK	11	SPARE
	12	

Shield Bar — I.E.

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
950-JE-01103

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 032	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-02101	No.	MARSHALLING CABINET B400-FGS-002

<01>

INSTRUMENTS	JUNCTION BOX 950-JE-02101			MULTICABLE No.	MARSHALLING CABINET B400-FGS-002	
	TB-1				TB-950-JE-02101	
950-FDZ-02101 (+24V, mA, Com) RD, WH, BK — NOTE-2	C-950-FDZ-02101/950-JE-02101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	RD 1, WH 2, BK 3, SH	TR1	950-JE-02101/B400-FGS-002 12x3x2.5mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS	TR1 RD 1, WH 2, BK 3, Shield Bar	950-FDZ-02101
950-FDZ-02102 (+24V, mA, Com) RD, WH, BK — NOTE-2	C-950-FDZ-02102/950-JE-02101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	RD 4, WH 5, BK 6, SH	TR2		TR2 RD 4, WH 5, BK 6, Shield Bar	950-FDZ-02102
950-FDZ-02103 (+24V, mA, Com) RD, WH, BK — NOTE-2	C-950-FDZ-02103/950-JE-02101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	RD 7, WH 8, BK 9, SH	TR3		TR3 RD 7, WH 8, BK 9, Shield Bar	950-FDZ-02103
950-FDZ-02104 (+24V, mA, Com) RD, WH, BK — NOTE-2	C-950-FDZ-02104/950-JE-02101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	RD 10, WH 11, BK 12, SH	TR4		TR4 RD 10, WH 11, BK 12, Shield Bar	950-FDZ-02104
950-GDZ-02101 (+24V, mA, Com) RD, WH, BK — NOTE-2	C-950-GDZ-02101/950-JE-02101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	RD 13, WH 14, BK 15, SH	TR5		TR5 RD 13, WH 14, BK 15, Shield Bar	950-GDZ-02101
950-GDZ-02102 (+24V, mA, Com) RD, WH, BK — NOTE-2	C-950-GDZ-02102/950-JE-02101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	RD 16, WH 17, BK 18, SH	TR6		TR6 RD 16, WH 17, BK 18, Shield Bar	950-GDZ-02102
950-GDZ-02103 (+24V, mA, Com) RD, WH, BK — NOTE-2	C-950-GDZ-02103/950-JE-02101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	RD 19, WH 20, BK 21, SH	TR7		TR7 RD 19, WH 20, BK 21, Shield Bar	950-GDZ-02103
950-GDZ-02104 (+24V, mA, Com) RD, WH, BK — NOTE-2	C-950-GDZ-02104/950-JE-02101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	RD 22, WH 23, BK 24, SH	TR8		TR8 RD 22, WH 23, BK 24, Shield Bar	950-GDZ-02104
950-GDZ-02105 (+24V, mA, Com) RD, WH, BK — NOTE-2	C-950-GDZ-02105/950-JE-02101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	RD 25, WH 26, BK 27, SH	TR9		TR9 RD 25, WH 26, BK 27, Shield Bar	950-GDZ-02105
950-GDZ-02106 (+24V, mA, Com) RD, WH, BK — NOTE-2	C-950-GDZ-02106/950-JE-02101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	RD 28, WH 29, BK 30, SH	TR10		TR10 RD 28, WH 29, BK 30, Shield Bar	950-GDZ-02106
		SPARE 31, 32, 33, SH	TR11		TR11 RD 31, WH 32, BK 33, Shield Bar	SPARE
		SPARE 34, 35, 36, SH	TR12		TR12 RD 34, WH 35, BK 36, Shield Bar	SPARE
		OS			I.E., Shield Bar	

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
950-JE-02101

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 033	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD

INSTRUMENTS

MULTICABLE No.

JUNCTION BOX 950-JE-02102

I&T EQUIPMENT ROOM (ITER)

MARSHALLING CABINET B400-FGS-002

<01>

950-GDZ-02107	C-950-GDZ-02107/950-JE-02102	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	1 2 3	TR1
950-GDZ-02108	C-950-GDZ-02108/950-JE-02102	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	4 5 6	TR2
950-GDZ-02109	C-950-GDZ-02109/950-JE-02102	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	7 8 9	TR3
950-GDZ-02110	C-950-GDZ-02110/950-JE-02102	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	10 11 12	TR4
950-GDZ-02111	C-950-GDZ-02111/950-JE-02102	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	13 14 15	TR5
950-GDZ-02112	C-950-GDZ-02112/950-JE-02102	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	16 17 18	TR6
950-GDZ-02113	C-950-GDZ-02113/950-JE-02102	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	19 20 21	TR7
950-GDZ-02114	C-950-GDZ-02114/950-JE-02102	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	22 23 24	TR8
950-GDZ-02115	C-950-GDZ-02115/950-JE-02102	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	25 26 27	TR9
950-GDZ-02116	C-950-GDZ-02116/950-JE-02102	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	28 29 30	TR10
				SPARE 31 32 33	TR11
				SPARE 34 35 36	TR12

TB-1

SH OS

950-JE-02102/B400-FGS-002
12x3x2.5mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-950-JE-02102

TR1	1 2 3	950-GDZ-02107
TR2	4 5 6	950-GDZ-02108
TR3	7 8 9	950-GDZ-02109
TR4	10 11 12	950-FDZ-02110
TR5	13 14 15	950-GDZ-02111
TR6	16 17 18	950-GDZ-02112
TR7	19 20 21	950-GDZ-02113
TR8	22 23 24	950-GDZ-02114
TR9	25 26 27	950-GDZ-02115
TR10	28 29 30	950-GDZ-02116
TR11	31 32 33	SPARE
TR12	34 35 36	SPARE

Shield Bar I.E. Shield Bar

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
950-JE-02102

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

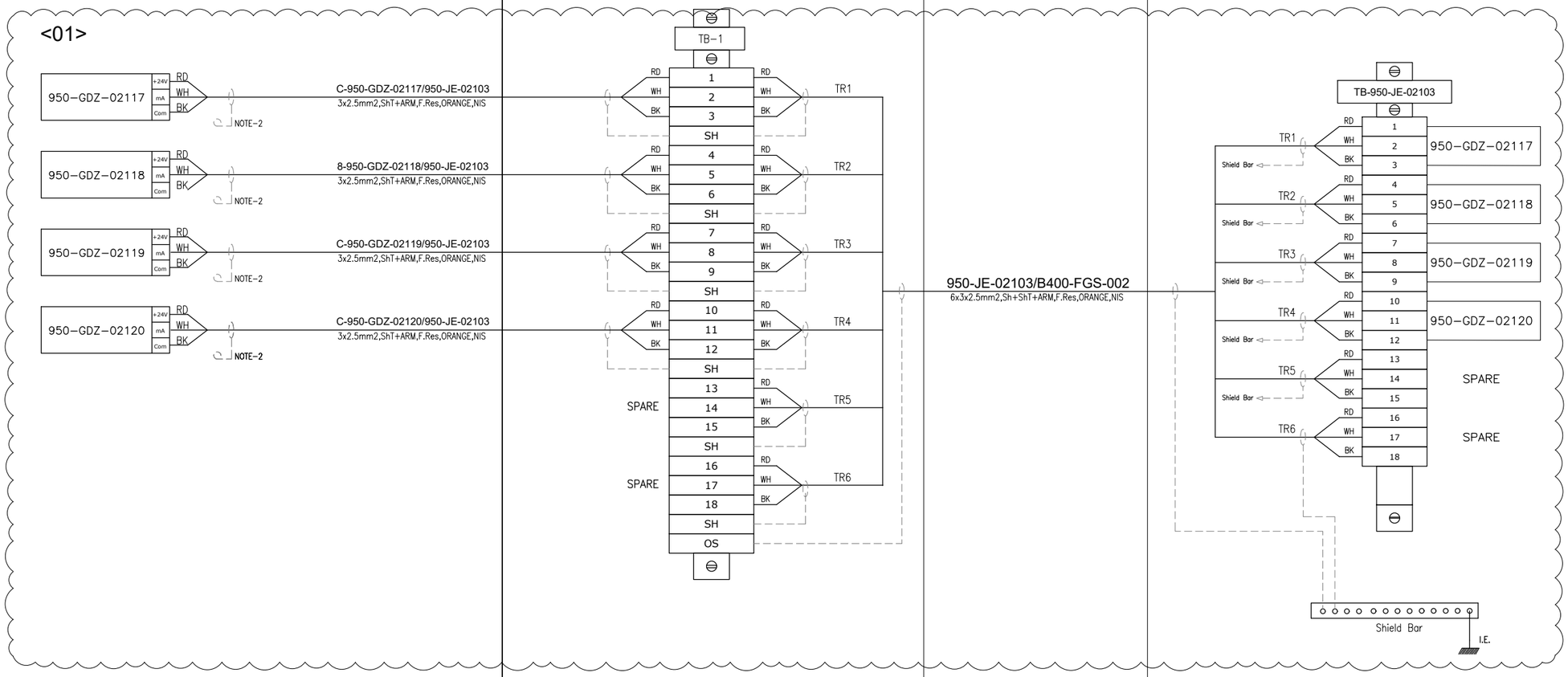
A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 034	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-02103	No.	MARSHALLING CABINET B400-FGS-002



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–02103

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016		SHEET 035 / REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD

INSTRUMENTS

MULTICABLE

No.

JUNCTION BOX

950-JE-03101

I&T EQUIPMENT ROOM (ITER)

MARSHALLING CABINET

B400-FGS-002

<01>

950-GDZ-03101	C-950-GDZ-03101/950-JE-03101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	1 2 3	TR1	950-GDZ-03101
950-GDZ-03102	C-950-GDZ-03102/950-JE-03101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	4 5 6	TR2	950-GDZ-03102
950-GDZ-03103	C-950-GDZ-03103/950-JE-03101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	7 8 9	TR3	950-GDZ-03103
950-GDZ-03104	C-950-GDZ-03104/950-JE-03101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	10 11 12	TR4	950-GDZ-03104
950-GDZ-03105	C-950-GDZ-03105/950-JE-03101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	13 14 15	TR5	950-GDZ-03105
950-GDZ-03107	C-950-GDZ-03107/950-JE-03101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	16 17 18	TR6	950-GDZ-03107
950-GDZ-03108	C-950-GDZ-03108/950-JE-031001	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	19 20 21	TR7	950-GDZ-03108
950-GDZ-03109	C-950-GDZ-03109/950-JE-031001	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2	22 23 24	TR8	950-GDZ-03109
				25 26 27	TR9	SPARE
				28 29 30	TR10	SPARE
				31 32 33	TR11	SPARE
				34 35 36	TR12	SPARE

950-JE-03101/B400-FGS-002

12x3x2.5mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

Shield Bar

I.E.

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
950-JE-03101

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 036	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-03102	No.	MARSHALLING CABINET B400-FGS-002

<01>

950-FDZ-03101 (+24V, mA, Com) — RD, WH, BK — NOTE-2

C-950-FDZ-03101/950-JE-03102
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

950-FDZ-03102 (+24V, mA, Com) — RD, WH, BK — NOTE-2

C-950-FDZ-03102/950-JE-03102
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

950-FDZ-03103 (+24V, mA, Com) — RD, WH, BK — NOTE-2

C-950-FDZ-03103/950-JE-03102
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

950-FDZ-03104 (+24V, mA, Com) — RD, WH, BK — NOTE-2

C-950-FDZ-03104/950-JE-03102
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

TB-1

RD, WH, BK	1	TR1
	2	
	3	
	SH	
RD, WH, BK	4	TR2
	5	
	6	
	SH	
RD, WH, BK	7	TR3
	8	
	9	
	SH	
RD, WH, BK	10	TR4
	11	
	12	
	SH	
SPARE	13	TR5
	14	
	15	
	SH	
SPARE	16	TR6
	17	
	18	
	SH	
	OS	

950-JE-03102/B400-FGS-002
6x3x2.5mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-950-JE-03102

TR1	1	950-FDZ-03101
Shield Bar	2	
	3	
TR2	4	950-FDZ-03102
Shield Bar	5	
	6	
TR3	7	950-FDZ-03103
Shield Bar	8	
	9	
TR4	10	950-FDZ-03104
Shield Bar	11	
	12	
TR5	13	SPARE
Shield Bar	14	
	15	
TR6	16	SPARE
	17	
	18	

Shield Bar — I.E.

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–03102

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 037	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-03103	No.	MARSHALLING CABINET B400-FGS-002

<01>

950-MFA-03101 (+ WH, - BK) — C-950-MFA-03101/950-JE-031003 — 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

950-MFA-03102 (+ WH, - BK) — C-950-MFA-03102/950-JE-031003 — 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

950-MFA-03103 (+ WH, - BK) — C-950-MFA-03103/950-JE-031003 — 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

950-MFA-03104 (+ WH, - BK) — C-950-MFA-03104/950-JE-031003 — 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

TB-1

WH / BK	1	WH / BK	PR1
	2		
	SH		
WH / BK	3	WH / BK	PR2
	4		
	SH		
WH / BK	5	WH / BK	PR3
	6		
	SH		
WH / BK	7	WH / BK	PR4
	8		
	SH		
SPARE	9	WH / BK	PR5
	10		
	SH		
SPARE	11	WH / BK	PR6
	12		
	SH		
	OS		

950-JE-03103/B400-FGS-002
6x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-950-JE-03103

PR1	1	WH / BK	950-MFA-03101
Shield Bar	2		
PR2	3	WH / BK	950-MFA-03102
Shield Bar	4		
PR3	5	WH / BK	950-MFA-03103
Shield Bar	6		
PR4	7	WH / BK	950-MFA-03104
Shield Bar	8		
PR5	9	WH / BK	SPARE
Shield Bar	10		
PR6	11	WH / BK	SPARE
	12		

Shield Bar — I.E.

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–03103

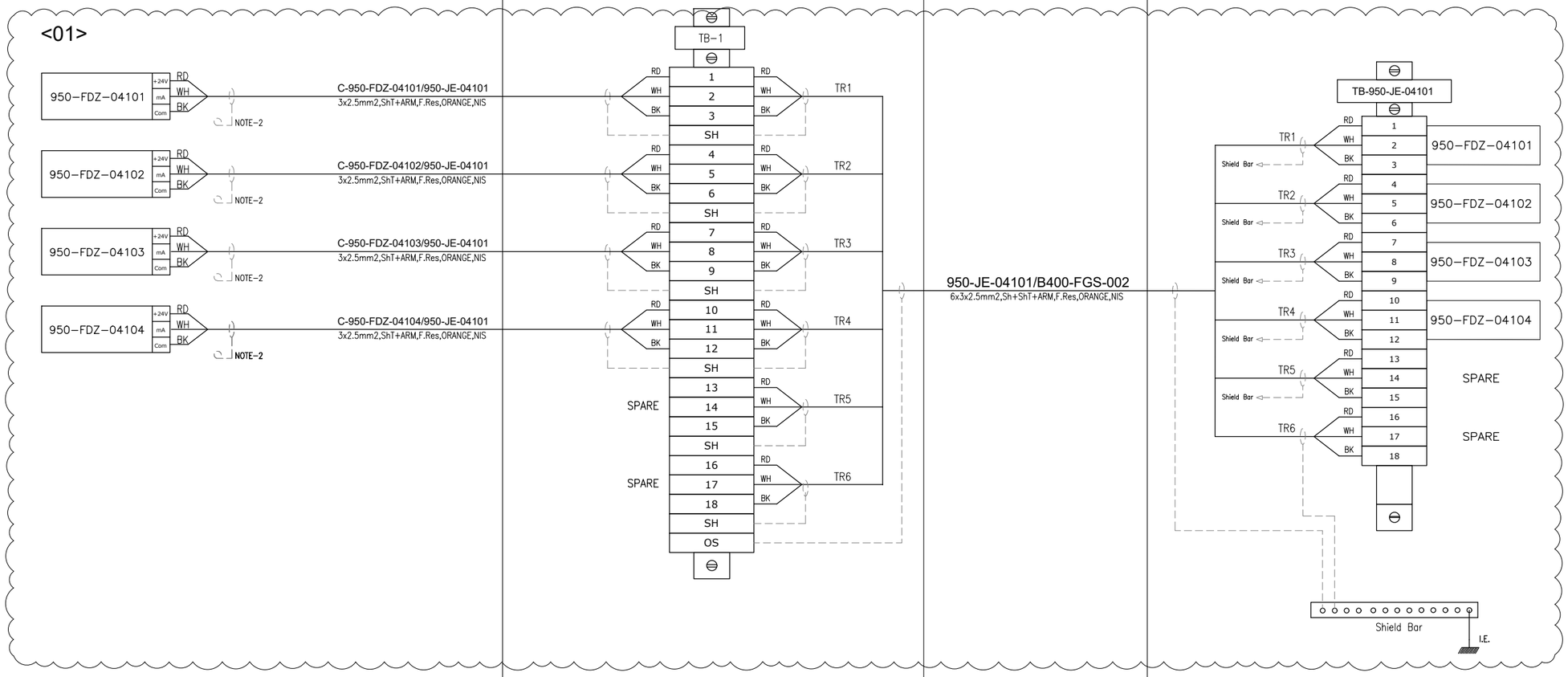
CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 038	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-04101	No.	MARSHALLING CABINET B400-FGS-002



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
950-JE-04101

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 039	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-04102	No.	MARSHALLING CABINET B400-FGS-002

<01>

950-MFA-04101 (+ WH, - BK) — NOTE-2

C-950-MFA-04101/950-JE-041002
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

950-MFA-04102 (+ WH, - BK) — NOTE-2

C-950-MFA-04102/950-JE-041002
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

TB-1

	1	WH/BK	PR1
	2		
	SH		
	3	WH/BK	PR2
	4		
	SH		
SPARE	5	WH/BK	PR3
	6		
	SH		
SPARE	7	WH/BK	PR4
	8		
	SH		
SPARE	9	WH/BK	PR5
	10		
	SH		
SPARE	11	WH/BK	PR6
	12		
	SH		
	OS		

950-JE-04102/B400-FGS-002
6x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-950-JE-04102

PR1	1	WH/BK	950-MFA-04101
Shield Bar	2		
PR2	3	WH/BK	950-MFA-04102
Shield Bar	4		
PR3	5	WH/BK	SPARE
Shield Bar	6		
PR4	7	WH/BK	SPARE
Shield Bar	8		
PR5	9	WH/BK	SPARE
Shield Bar	10		
PR6	11	WH/BK	SPARE
	12		

Shield Bar — I.E.

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–04102

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 040	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-04201	No.	MARSHALLING CABINET B400-FGS-002

B-200 (LV SWITCHGEAR ROOM) <01>

950-GDZ-04213 (+24V, mA, Com; RD, WH, BK) — NOTE-2
C-950-GDZ-04213/950-JE-04201
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
TB-1: 1 (RD), 2 (WH), 3 (BK), SH → TR1

950-GDZ-04214 — NOTE-2
C-950-GDZ-04214/950-JE-04201
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
TB-1: 4 (RD), 5 (WH), 6 (BK), SH → TR2

950-GDZ-04215 — NOTE-2
C-950-GDZ-04215/950-JE-04201
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
TB-1: 7 (RD), 8 (WH), 9 (BK), SH → TR3

950-GDZ-04216 — NOTE-2
C-950-GDZ-04216/950-JE-04201
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
TB-1: 10 (RD), 11 (WH), 12 (BK), SH → TR4

950-GDZ-04217 — NOTE-2
C-950-GDZ-04217/950-JE-04201
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
TB-1: 13 (RD), 14 (WH), 15 (BK), SH → TR5

950-GDZ-04218 — NOTE-2
C-950-GDZ-04218/950-JE-04201
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
TB-1: 16 (RD), 17 (WH), 18 (BK), SH, OS → TR6

950-JE-04201/B400-FGS-002
6x3x2.5mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-950-JE-04201
TR1: 1 (RD), 2 (WH), 3 (BK) — Shield Bar — 950-GDZ-04213
TR2: 4 (RD), 5 (WH), 6 (BK) — Shield Bar — 950-GDZ-04214
TR3: 7 (RD), 8 (WH), 9 (BK) — Shield Bar — 950-GDZ-04215
TR4: 10 (RD), 11 (WH), 12 (BK) — Shield Bar — 950-GDZ-04216
TR5: 13 (RD), 14 (WH), 15 (BK) — Shield Bar — 950-GDZ-04217
TR6: 16 (RD), 17 (WH), 18 (BK) — 950-GDZ-04218
Shield Bar — I.E.

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
950-JE-04201

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 041	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-04204	No.	MARSHALLING CABINET B400-FGS-002

B-200 (LV SWITCHGEAR ROOM) <01>

950-SDZ-04213	+ WH / - BK	NOTE-2	C-950-SDZ-04213/950-JE-04204	1x2x0.75mm2,ShT+ARM,F.Res,LIGHTBLUE,IS	TB-1: 1 WH, 2 BK
950-SDZ-04214	+ WH / - BK	NOTE-2	C-950-SDZ-04214/950-JE-04204	1x2x0.75mm2,ShT+ARM,F.Res,LIGHTBLUE,IS	TB-1: 3 WH, 4 BK
950-SDZ-04215	+ WH / - BK	NOTE-2	C-950-SDZ-04215/950-JE-04204	1x2x0.75mm2,ShT+ARM,F.Res,LIGHTBLUE,IS	TB-1: 5 WH, 6 BK
950-SDZ-04216	+ WH / - BK	NOTE-2	C-950-SDZ-04216/950-JE-04204	1x2x0.75mm2,ShT+ARM,F.Res,LIGHTBLUE,IS	TB-1: 7 WH, 8 BK
950-SDZ-04217	+ WH / - BK	NOTE-2	C-950-SDZ-04217/950-JE-04204	1x2x0.75mm2,ShT+ARM,F.Res,LIGHTBLUE,IS	TB-1: 9 WH, 10 BK
950-SDZ-04218	+ WH / - BK	NOTE-2	C-950-SDZ-04218/950-JE-04204	1x2x0.75mm2,ShT+ARM,F.Res,LIGHTBLUE,IS	TB-1: 11 WH, 12 BK

TB-1: SH, SH, SH, SH, SH, OS

PR1 (1 WH / 2 BK), PR2 (3 WH / 4 BK), PR3 (5 WH / 6 BK), PR4 (7 WH / 8 BK), PR5 (9 WH / 10 BK), PR6 (11 WH / 12 BK)

950-JE-04204/B400-FGS-002
6x2x0.75mm2,Sh+ShT+ARM,F.Res,LIGHTBLUE,IS

TB-950-JE-04204

PR1	WH 1 / BK 2	950-SDZ-04213
Shield Bar		
PR2	WH 3 / BK 4	950-SDZ-04214
Shield Bar		
PR3	WH 5 / BK 6	950-SDZ-04215
Shield Bar		
PR4	WH 7 / BK 8	950-SDZ-04216
Shield Bar		
PR5	WH 9 / BK 10	950-SDZ-04217
Shield Bar		
PR6	WH 11 / BK 12	950-SDZ-04218

Shield Bar — I.E.

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–04204

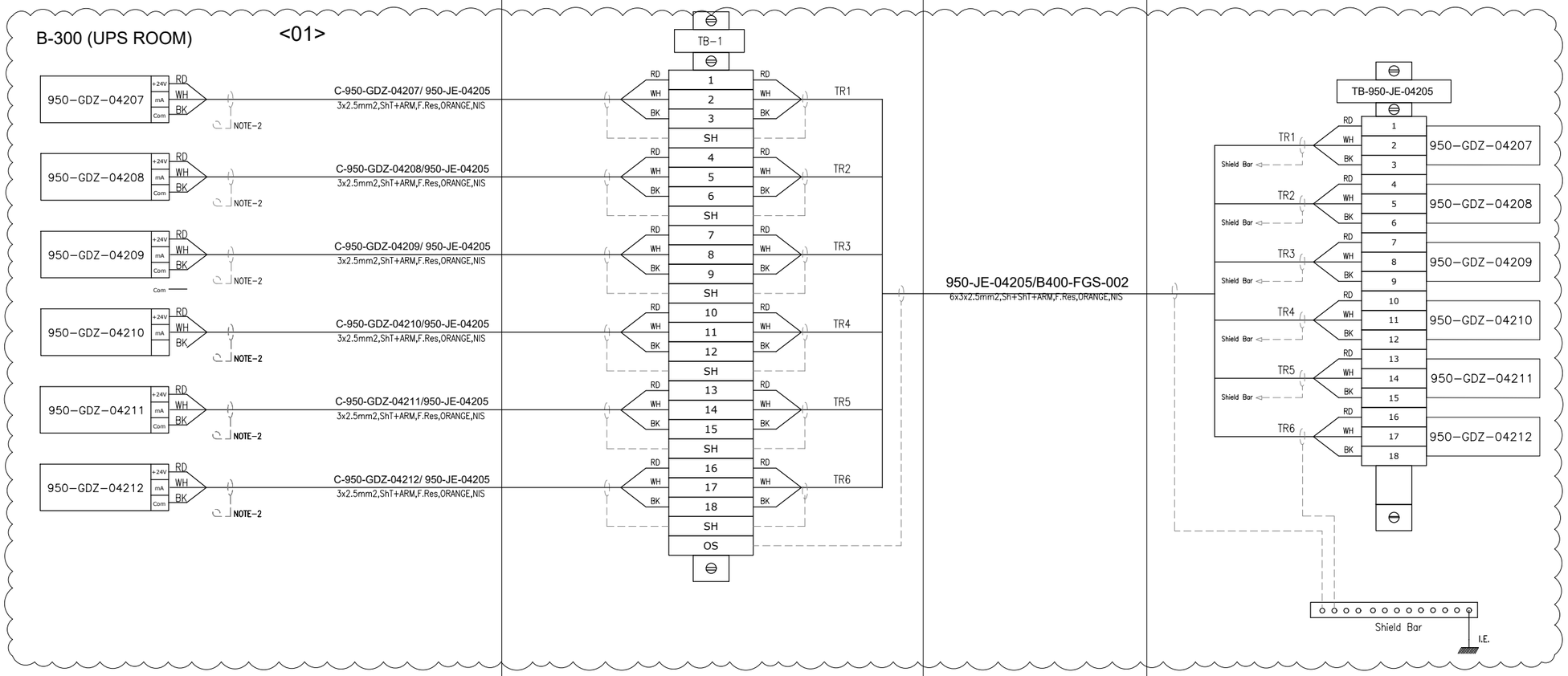
CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 042	REV. 01

File Name : 123A90–DDL–IN–DG–40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-04205	No.	MARSHALLING CABINET B400-FGS-002



CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–04205

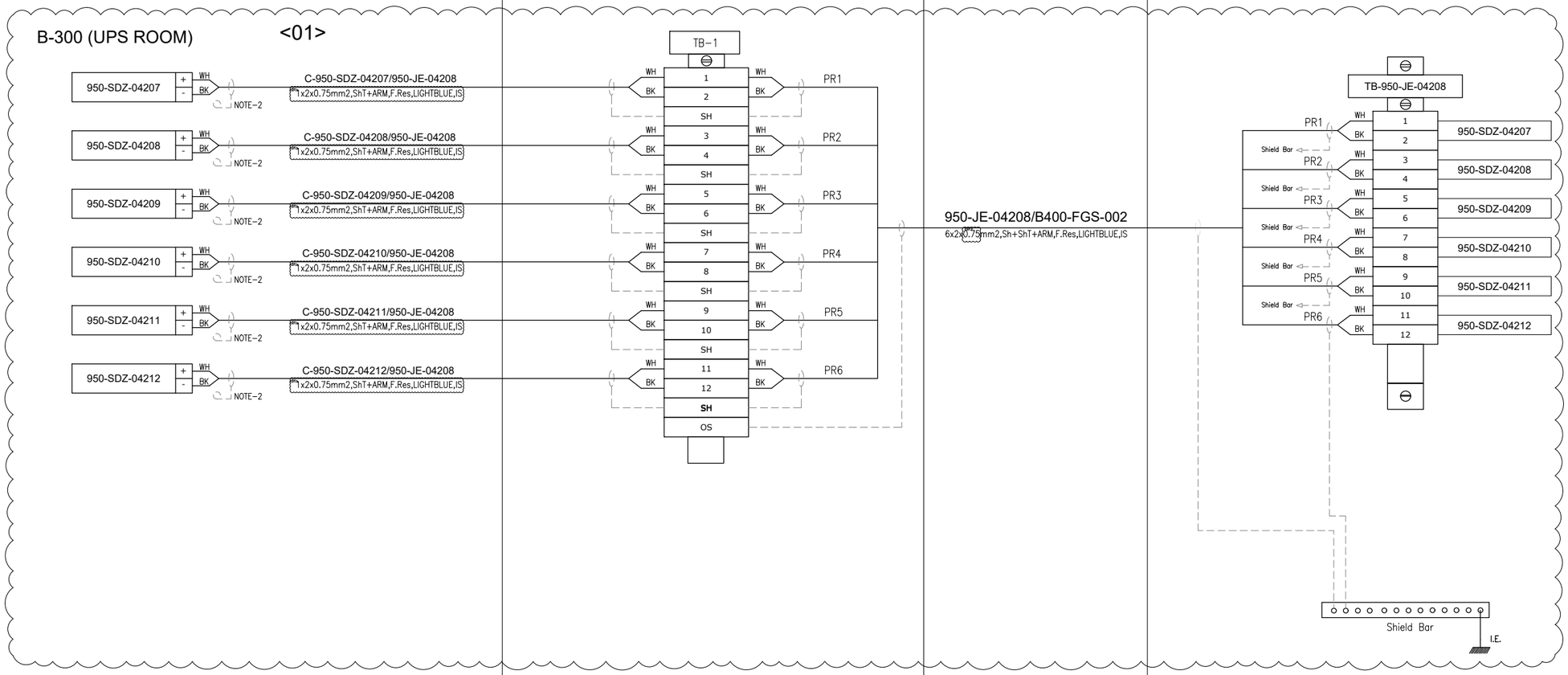
CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 043	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-04208	No.	MARSHALLING CABINET B400-FGS-002



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–04208

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016		SHEET 044 / REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-05101	No.	MARSHALLING CABINET B400-FGS-002

<01>

INSTRUMENTS	JUNCTION BOX TB-1	MULTICABLE	MARSHALLING CABINET TB-950--JE-05101
950-FDZ-05101 (+24V, mA, Com; RD, WH, BK) NOTE-2	C-950-FDZ-05101/950-JE-05101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS		TR1 (Shield Bar) → 1 RD, 2 WH, 3 BK → 950-FDZ-05101
950-FDZ-05102 (+24V, mA, Com; RD, WH, BK) NOTE-2	C-950-FDZ-05102/950-JE-05101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS		TR2 (Shield Bar) → 4 RD, 5 WH, 6 BK → 950-FDZ-05102
950-FDZ-05103 (+24V, mA, Com; RD, WH, BK) NOTE-2	C-950-FDZ-05103/950-JE-05101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS		TR3 (Shield Bar) → 7 RD, 8 WH, 9 BK → 950-FDZ-05103
950-FDZ-05104 (+24V, mA, Com; RD, WH, BK) NOTE-2	C-950-FDZ-05104/950-JE-05101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS		TR4 (Shield Bar) → 10 RD, 11 WH, 12 BK → 950-FDZ-05104
950-GDZ-05101 (+24V, mA, Com; RD, WH, BK) NOTE-2	C-950-GDZ-05101/950-JE-05101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS		TR5 (Shield Bar) → 13 RD, 14 WH, 15 BK → 950-GDZ-05101
950-GDZ-05102 (+24V, mA, Com; RD, WH, BK) NOTE-2	C-950-GDZ-05102/950-JE-05101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS		TR6 (Shield Bar) → 16 RD, 17 WH, 18 BK → 950-GDZ-05102
950-GDZ-05103 (+24V, mA, Com; RD, WH, BK) NOTE-2	C-950-GDZ-05103/950-JE-05101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	950-JE-05101/B400-FGS-002 12x3x2.5mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS	TR7 (Shield Bar) → 19 RD, 20 WH, 21 BK → 950-GDZ-05103
950-GDZ-05104 (+24V, mA, Com; RD, WH, BK) NOTE-2	C-950-GDZ-05104/950-JE-05101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS		TR8 (Shield Bar) → 22 RD, 23 WH, 24 BK → 950-GDZ-05104
950-GDZ-05105 (+24V, mA, Com; RD, WH, BK) NOTE-2	C-950-GDZ-05105/950-JE-05101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS		TR9 (Shield Bar) → 25 RD, 26 WH, 27 BK → 950-GDZ-05105
950-GDZ-05106 (+24V, mA, Com; RD, WH, BK) NOTE-2	C-950-GDZ-05106/950-JE-05101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS		TR10 (Shield Bar) → 28 RD, 29 WH, 30 BK → 950-GDZ-05106 <01>
	SPARE		TR11 (Shield Bar) → 31 RD, 32 WH, 33 BK → SPARE
	SPARE		TR12 (Shield Bar) → 34 RD, 35 WH, 36 BK → SPARE
			Shield Bar, I.E.

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
950-JE-05101

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 045	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-05102	No.	MARSHALLING CABINET B400-FGS-002

<01>

950-MFA-05101 (+ WH, - BK) — C-950-MFA-05101/950-JE-05102 — 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

950-MFA-05102 (+ WH, - BK) — C-950-MFA-05102/950-JE-05102 — 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

950-MFA-05103 (+ WH, - BK) — C-950-MFA-05103/950-JE-05102 — 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

950-MFA-05104 (+ WH, - BK) — C-950-MFA-05104/950-JE-05102 — 1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

TB-1

WH/BK	1	PR1
	2	
	SH	
WH/BK	3	PR2
	4	
	SH	
WH/BK	5	PR3
	6	
	SH	
WH/BK	7	PR4
	8	
	SH	
SPARE	9	PR5
	10	
	SH	
SPARE	11	PR6
	12	
	SH	
	OS	

950-JE-05102/B400-FGS-002
6x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-950-JE-05102

PR1	1	950-MFA-05101
Shield Bar	2	
PR2	3	950-MFA-05102
Shield Bar	4	
PR3	5	950-MFA-05103
Shield Bar	6	
PR4	7	950-MFA-05104
Shield Bar	8	
PR5	9	SPARE
Shield Bar	10	
PR6	11	SPARE
	12	

Shield Bar — I.E.

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–05102

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 046	REV. 01

File Name : 123A90–DDL–IN–DG–40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-06101	No.	MARSHALLING CABINET B400-FGS-002

<01>

950-FDZ-06101 (+24V, mA, Com) — RD, WH, BK — NOTE-2

C-950-FDZ-06101/950-JE-06101
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

950-FDZ-06102 (+24V, mA, Com) — RD, WH, BK — NOTE-2

C-950-FDZ-06102/950-JE-06101
3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

TB-1

	1	RD, WH, BK	TR1
	2		
	3		
	SH		
	4	RD, WH, BK	TR2
	5		
	6		
	SH		
SPARE	7	RD, WH, BK	TR3
	8		
	9		
	SH		
SPARE	10	RD, WH, BK	TR4
	11		
	12		
	SH		
SPARE	13	RD, WH, BK	TR5
	14		
	15		
	SH		
SPARE	16	RD, WH, BK	TR6
	17		
	18		
	SH		
	OS		

950-JE-06101/B400-FGS-002
6x3x2.5mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-950-JE-06101

TR1	1	RD, WH, BK	
Shield Bar	2		950-FDZ-06101
	3		
TR2	4	RD, WH, BK	
Shield Bar	5		950-FDZ-06103
	6		
TR3	7	RD, WH, BK	
Shield Bar	8		SPARE
	9		
TR4	10	RD, WH, BK	
Shield Bar	11		SPARE
	12		
TR5	13	RD, WH, BK	
Shield Bar	14		SPARE
	15		
TR6	16	RD, WH, BK	
	17		SPARE
	18		

Shield Bar — I.E.

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–06101

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 047	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-06102	No.	MARSHALLING CABINET B400-FGS-002

<01>

950-MFA-06101 (+ WH, - BK) — NOTE-2

C-950-MFA-06101/950-JE-06102
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

950-MFA-06102 (+ WH, - BK) — NOTE-2

C-950-MFA-06102/950-JE-06102
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS

TB-1

	1	WH/BK	PR1
	2		
	SH		
	3	WH/BK	PR2
	4		
	SH		
SPARE	5	WH/BK	PR3
	6		
	SH		
SPARE	7	WH/BK	PR4
	8		
	SH		
SPARE	9	WH/BK	PR5
	10		
	SH		
SPARE	11	WH/BK	PR6
	12		
	SH		
	OS		

950-JE-06102/B400-FGS-002
6x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-950-JE-06102

PR1	1	WH/BK	950-MFA-06101
Shield Bar	2		
PR2	3	WH/BK	950-MFA-06102
Shield Bar	4		
PR3	5	WH/BK	SPARE
Shield Bar	6		
PR4	7	WH/BK	SPARE
Shield Bar	8		
PR5	9	WH/BK	SPARE
Shield Bar	10		
PR6	11	WH/BK	SPARE
	12		

Shield Bar — I.E.

CROSSWIND | ROSETTI MARINO

TITLE :

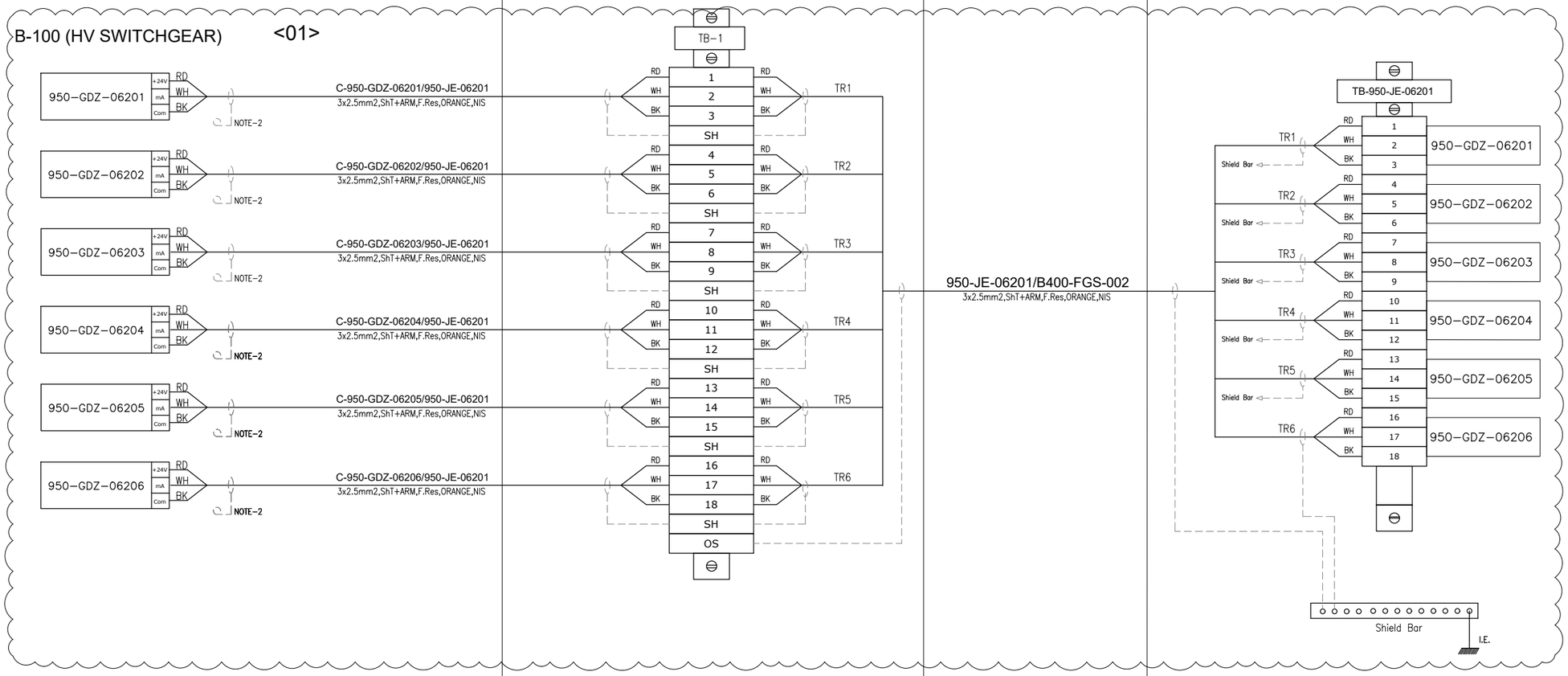
BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–06102

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 048	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016 REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-06201	No.	MARSHALLING CABINET B400-FGS-002



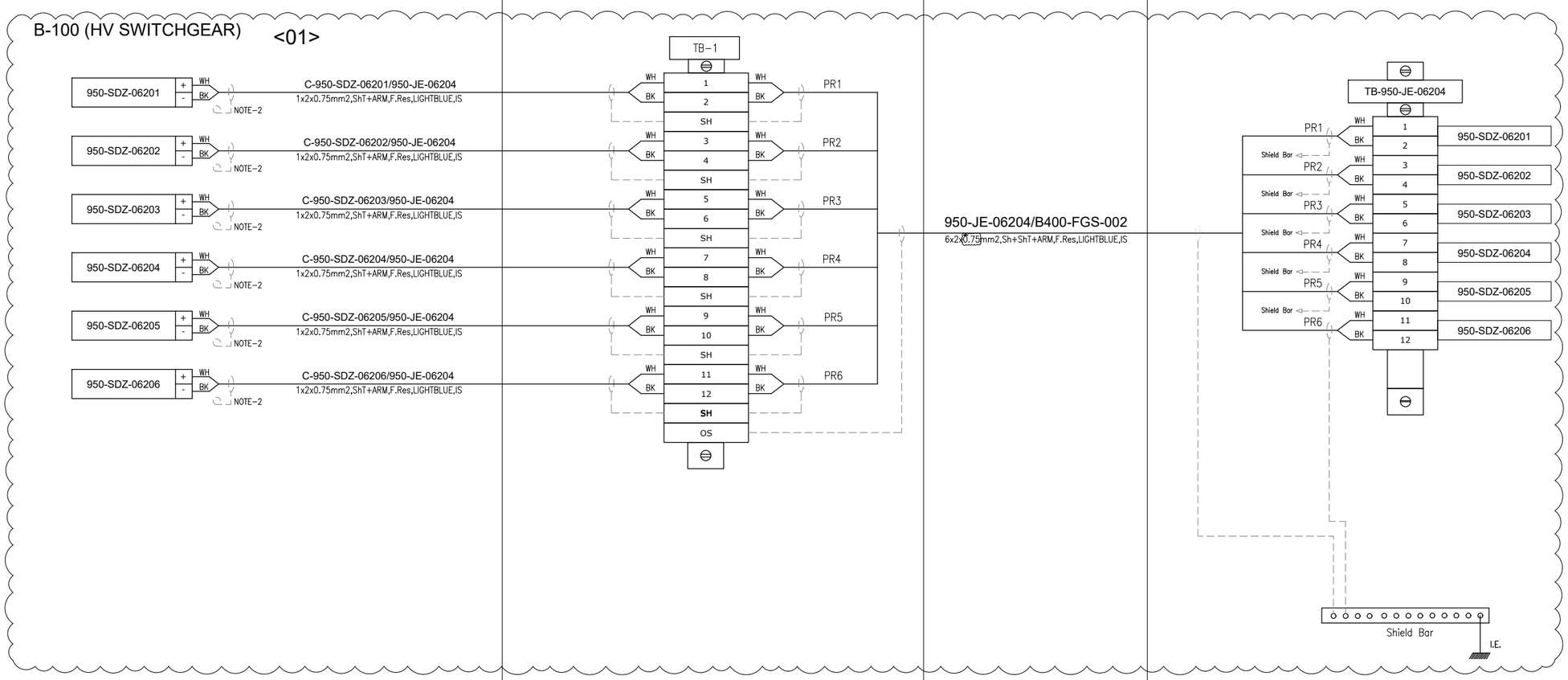
CROSSWIND		ROSETTI MARINO	
TITLE : BASE LOAD POWER HUB (BLPH) INSTRUMENT-FGS WIRING DIAGRAMS 950-JE-06201			
CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 049	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-06204	No.	MARSHALLING CABINET B400-FGS-002



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
950-JE-06204

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90-DDL-IN-DG-40016		SHEET 050 / REV. 01

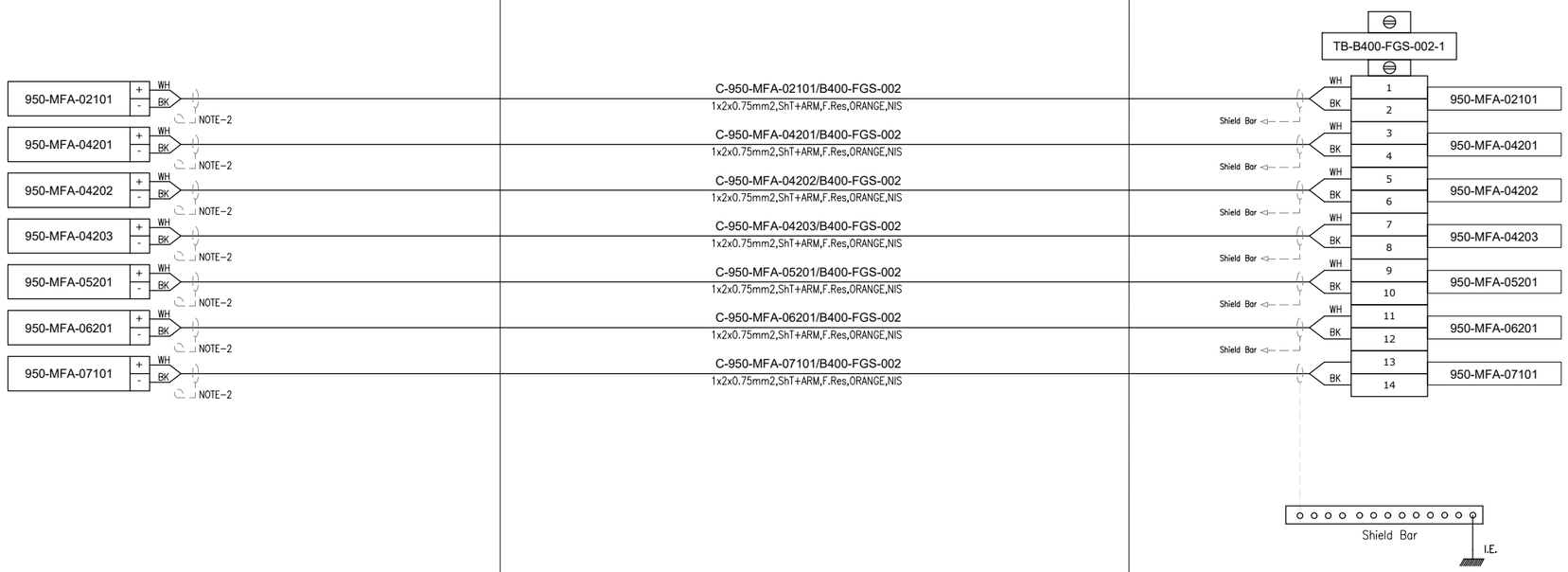
File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	CABLE NO	MARSHALLING CABINET B400-FGS-002

<01>



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
MANUAL FIRE ALARM(MFA)-DIRECT CABLES

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 051	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

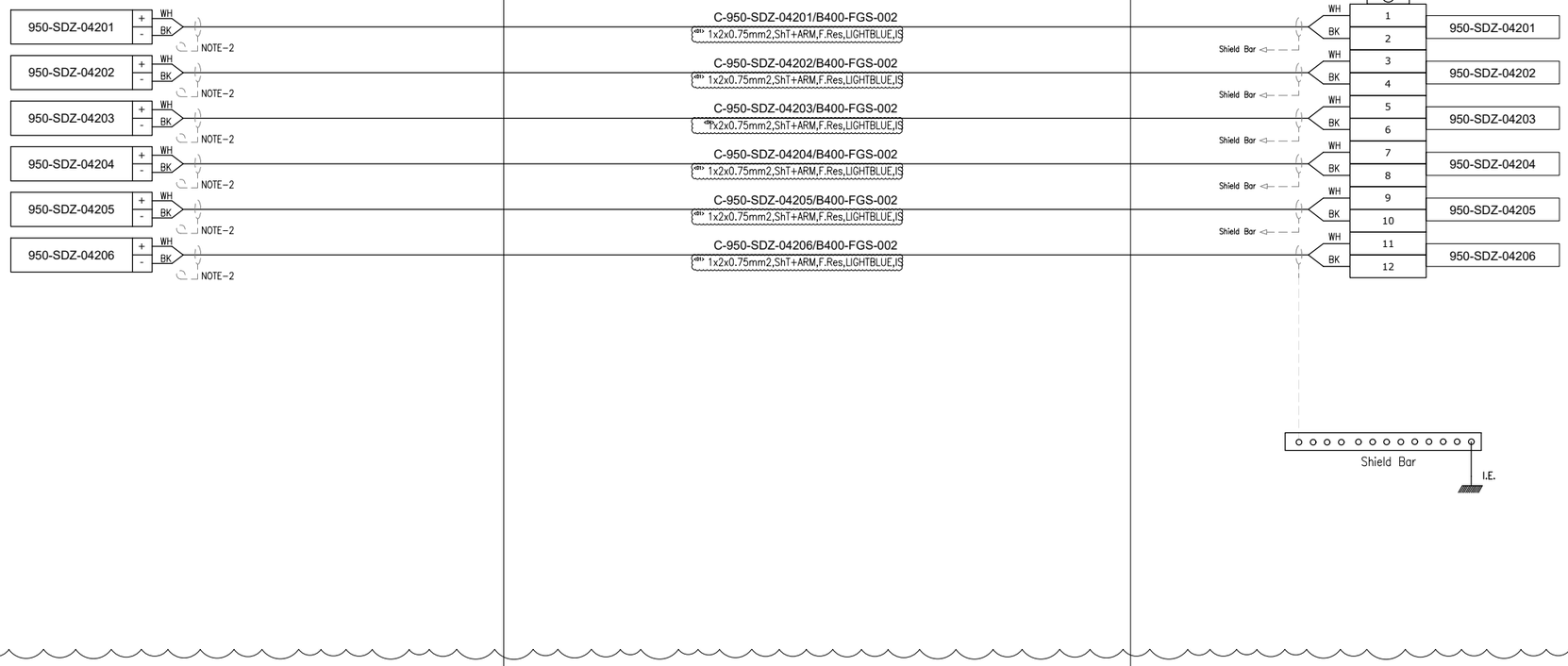
DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	CABLE NO	MARSHALLING CABINET B400-FGS-002

<01>

B-400 (ITER)



CROSSWIND	ROSETTI MARINO		
TITLE : BASE LOAD POWER HUB (BLPH) INSTRUMENT-FGS WIRING DIAGRAMS SME DETECTOR(SDZ) - B-400			
CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 052	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	CABLE NO	MARSHALLING CABINET B400-FGS-002

<01>

B-400(ITER)



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
GAS DETECTOR(GDZ) - B-400

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90-DDL-IN-DG-40016	053	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

SPARE PAGE

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT– FGS WIRING DIAGRAMS
SPARE

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	054	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

SPARE PAGE

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT- FGS WIRING DIAGRAMS
SPARE

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 055	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

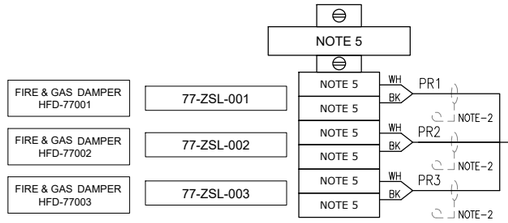
DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD	MULTICABLE	I&T EQUIPMENT ROOM (ITER)
B-100 HV SWITCH GEAR ROOM	No.	MARSHALLING CABINET B400-FGS-002

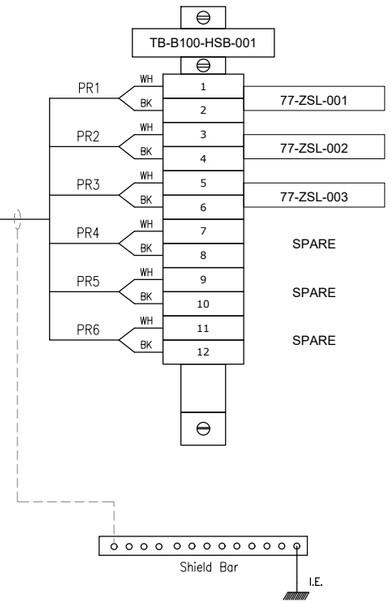
<01>

HVAC Panel B100-HSB-001



B100-HSB-001/B400-FGS-002

6x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS



CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
FIRE DAMPER FEEDBACK - B-100

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 056	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

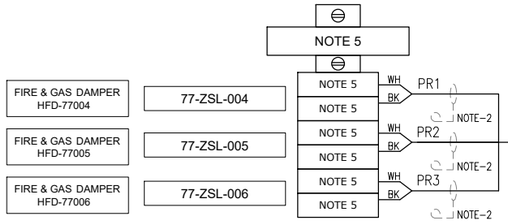
DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD	MULTICABLE	I&T EQUIPMENT ROOM (ITER)
B-200 LV SWITCH GEAR ROOM	No.	MARSHALLING CABINET B400-FGS-002

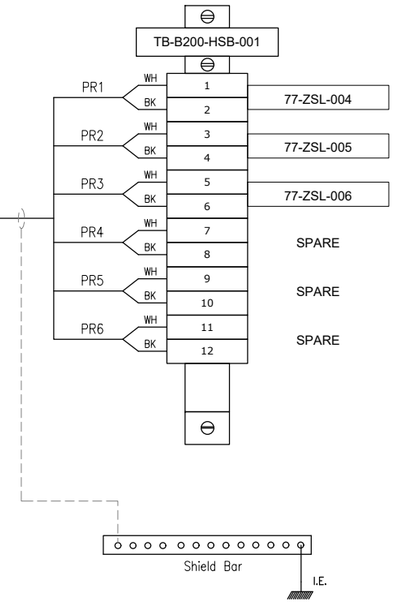
<01>

HVAC Panel B200-HSB-001



B200-HSB-001/B400-FGS-002

6x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
FIRE DAMPER FEEDBACK - B-200

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 057	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

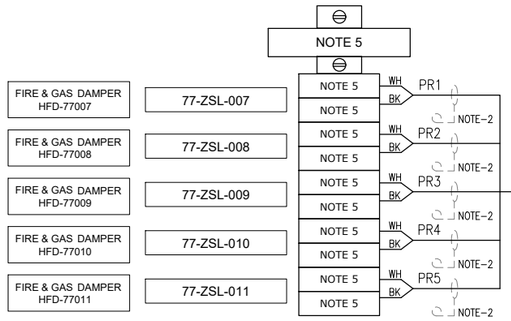
DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD	MULTICABLE	I&T EQUIPMENT ROOM (ITER)
B-300 UPS ROOM	No.	MARSHALLING CABINET B400-FGS-002

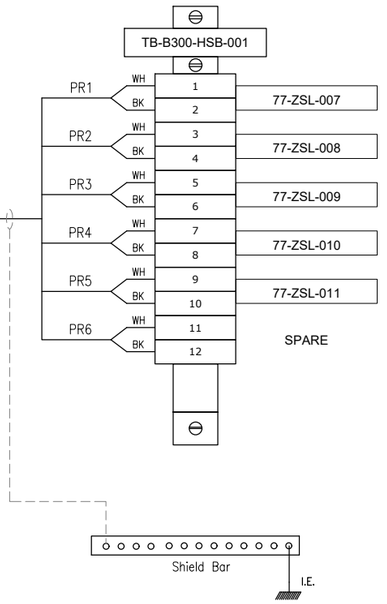
<01>

HVAC Panel B300-HSB-001



B300-HSB-001/B400-FGS-002

6x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
FIRE DAMPER FEEDBACK - B-300

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 058	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

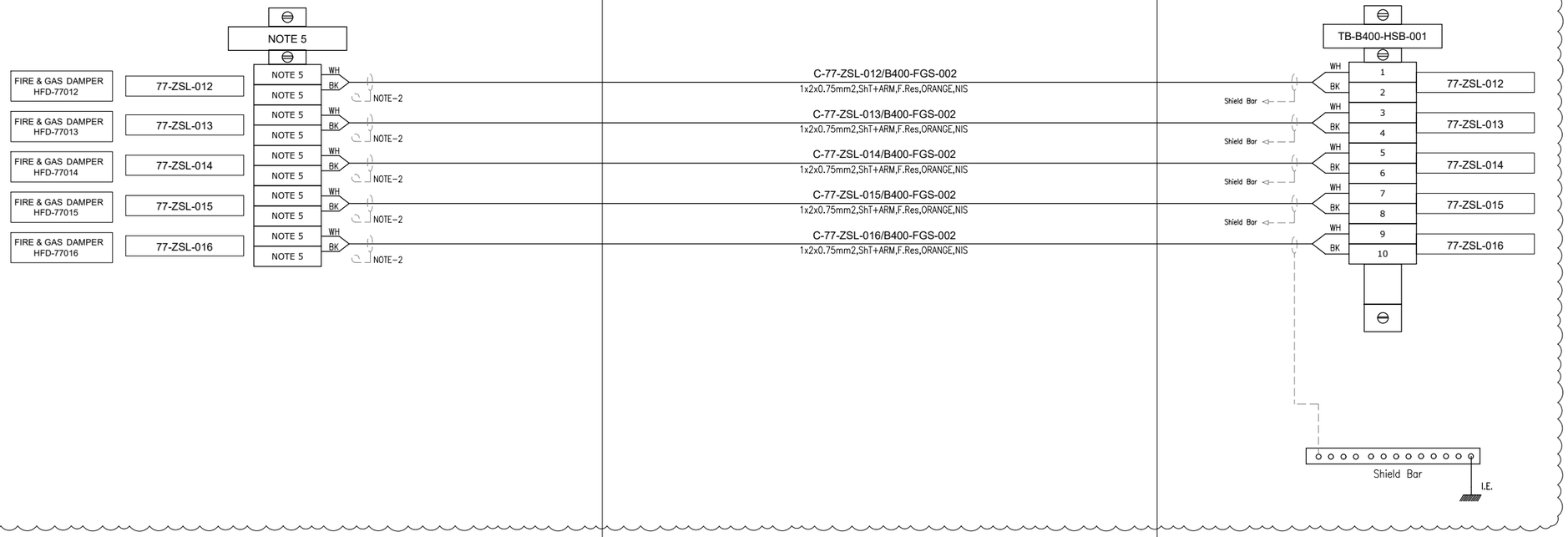
DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		I&T EQUIPMENT ROOM (ITER)
B-400 - ITER	CABLE NO	MARSHALLING CABINET B400-FGS-002
		OK

<01>

HVAC Panel B400-HSB-001



CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
FIRE DAMPER FEEDBACK – B–400

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 059	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

FIELD		I&T EQUIPMENT ROOM (ITER)
PACKAGE	CABLE NO	MARSHALLING CABINET
		B400-FGS-002

<01>

A-85000 BESS UCP
- 85-XA-001
- 85-XA-002

NOTE 5 → NOTE 5 (WH/BK PR1, WH/BK PR2) → NOTE-2

P320PLC/B400-FGS-002
2x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-P320PLC
PR1 Shield Bar — WH/BK 01 85-XA-001; 02
PR2 Shield Bar — WH/BK 03 85-XA-002; 04

A-20000 ELECTROLYSER UCP
- 20-XA-001
- 20-XA-002

NOTE 5 → NOTE 5 (WH/BK PR1, WH/BK PR2) → NOTE-2

20-UCP-001/B400-FGS-002
2x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-20-UPC-001
PR1 Shield Bar — WH/BK 01 20-XA-001; 02
PR2 Shield Bar — WH/BK 03 20-XA-002; 04

A-80000 FUEL CELL UCP
- 80-XA-001
- 80-XA-002

NOTE 5 → NOTE 5 (WH/BK PR1, WH/BK PR2) → NOTE-2

80-UCP-001/B400-FGS-002
2x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-80-UPC-001
PR1 Shield Bar — WH/BK 01 80-XA-001; 02
PR2 Shield Bar — WH/BK 03 80-XA-002; 04

A-50003 Water Treatment Unit UCP
- 50-XA-001
- 50-XA-002

NOTE 5 → NOTE 5 (WH/BK PR1, WH/BK PR2) → NOTE-2

50-LP-002/B400-FGS-002
2x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

TB-50-LP-002
PR1 Shield Bar — WH/BK 01 50-XA-001; 02
PR2 Shield Bar — WH/BK 03 50-XA-002; 04

I.E.
Shield Bar

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT– FGS WIRING DIAGRAMS
FIRE & GAS ALARM FROM PACKAGE

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	060	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

SPARE PAGE

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
SPARE

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	61	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

SPARE PAGE

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT- FGS WIRING DIAGRAMS
SPARE

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90-DDL-IN-DG-40016	62	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 01

SPARE PAGE

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT– FGS WIRING DIAGRAMS
SPARE

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	063	01

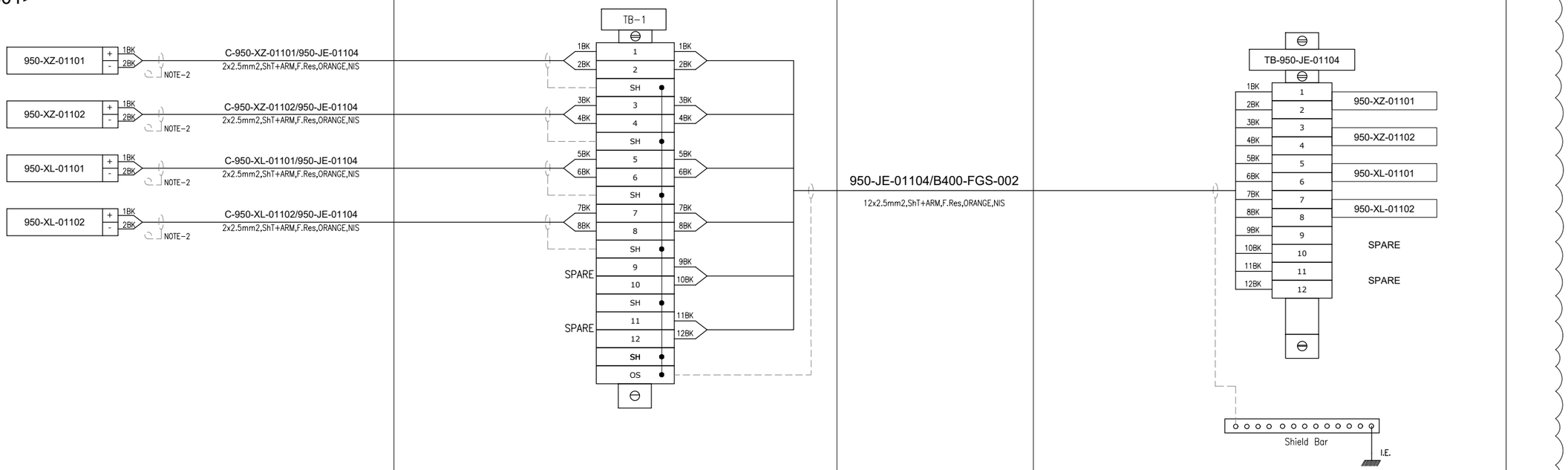
File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-01104	No.	MARSHALLING CABINET B400-FGS-002

<01>



CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–01104

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

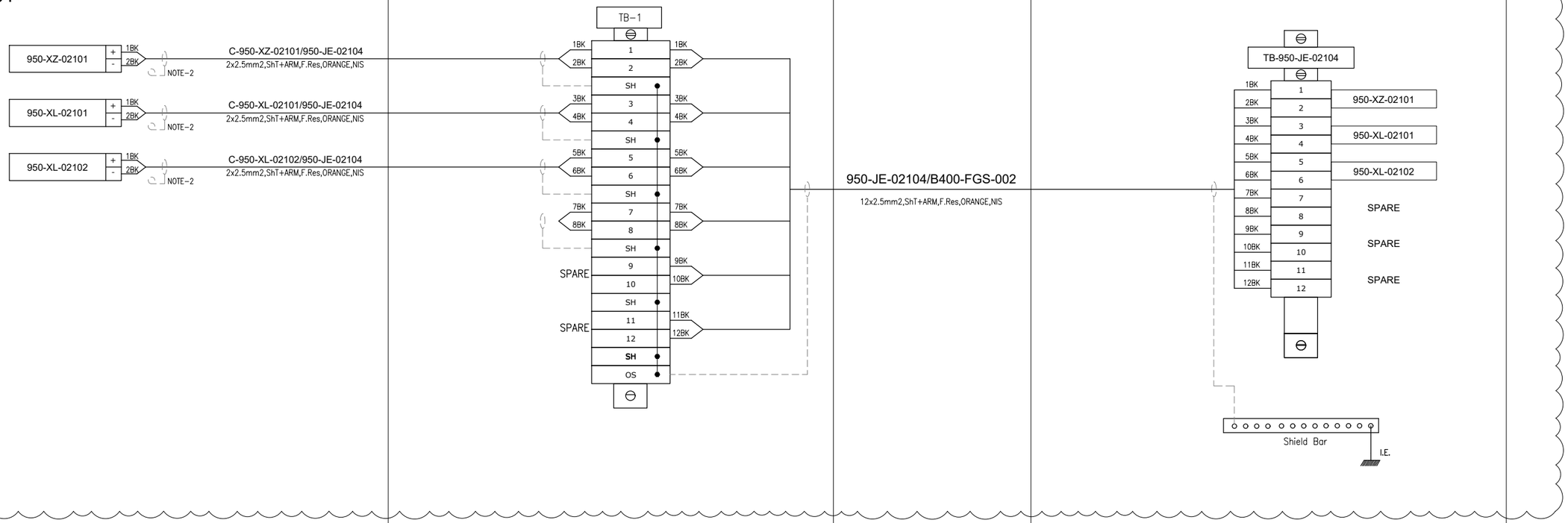
	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	064	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016 REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-02104	No.	MARSHALLING CABINET B400-FGS-002

<01>



CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
950-JE-02104

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 065	REV. 01

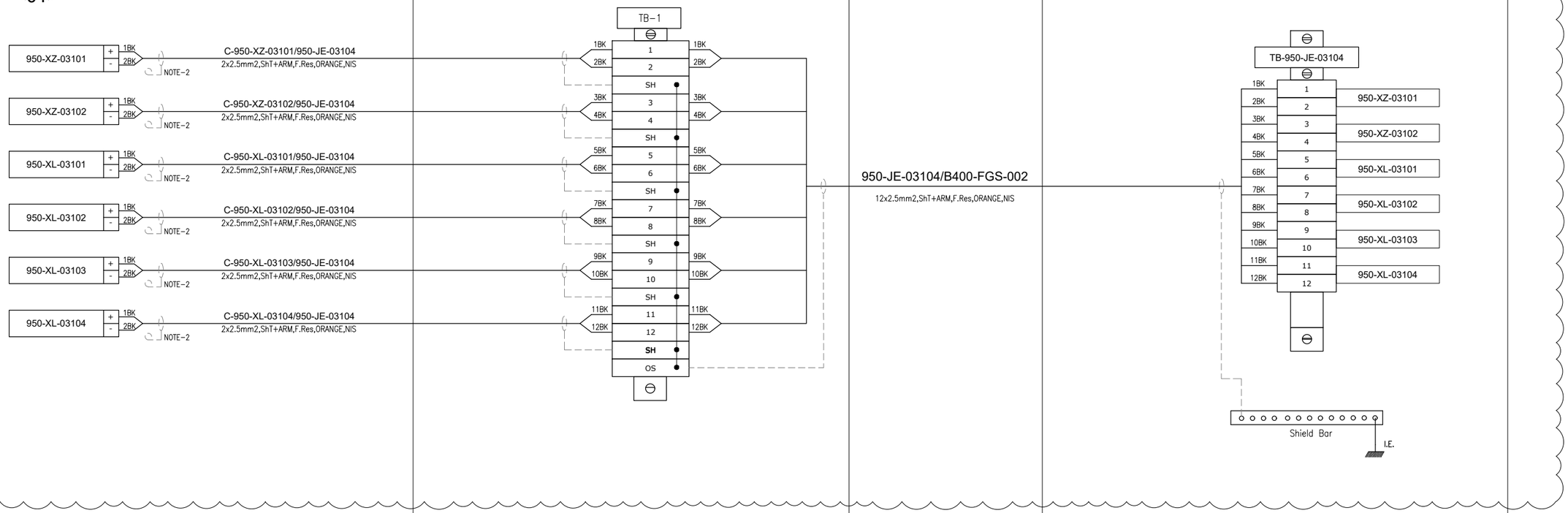
File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-03104	No.	MARSHALLING CABINET B400-FGS-002

<01>



CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–03104

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

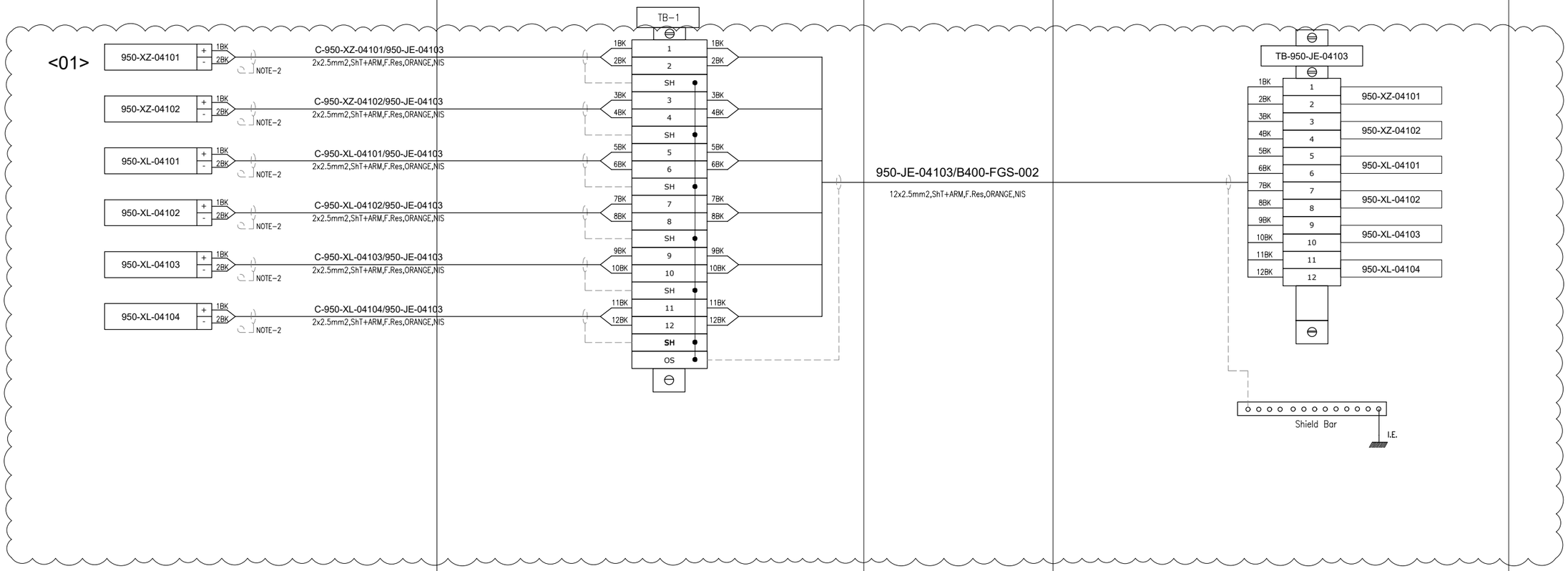
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 066	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-04103	No.	MARSHALLING CABINET B400-FGS-002



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–04103

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 067	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD	MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-04203	No.	MARSHALLING CABINET B400-FGS-002

B-200 LV Switch Gear Room

<01>

950-XZ-04203 (+ 1BK, - 2BK) — NOTE-2 — C-950-XZ-04203/950-JE-04203
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
→ TB-1: 1BK 1 / 2BK 2 / SH

950-XL-04205 (+ 1BK, - 2BK) — NOTE-2 — C-950-XL-04205/950-JE-04203
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
→ TB-1: 1BK 3 / 2BK 4 / SH

950-XL-04206 (+ 1BK, - 2BK) — NOTE-2 — C-950-XL-04206/950-JE-04203
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
→ TB-1: 1BK 5 / 2BK 6 / SH

950-JE-04203/B400-FGS-002
12x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
→ TB-950-JE-04203: 1BK 1 — 950-XZ-04203; 3BK 3 — 950-XL-04205; 5BK 5 — 950-XL-04206; 7BK 7 — 77-HY-004; 9BK 9 — 77-HY-005; 11BK 11 — 77-HY-006

Shield Bar — I.E.

B-200 OUTDOOR
77-HS-004B (1BK 12 / 2BK 22 — 11 / 12 1BK 2BK) — NOTE-2
C-77-HS-004B/950-JE-04203
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
→ TB-1: 1BK 7 / 2BK 8 / SH

C-77-HS-004B/77-HS-004A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77004

77-HY-004 (1 1BK / 2 2BK) — NOTE-2 — C-77-HY-004/77-HS-004A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

B-200 INDOOR
77-HS-004A (1BK 12 / 2BK 22 — 11 / 21 1BK 2BK) — NOTE-2

B-200 OUTDOOR
77-HS-005B (1BK 12 / 2BK 22 — 11 / 21 1BK 2BK) — NOTE-2
C-77-HS-005B/950-JE-04203
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
→ TB-1: 1BK 9 / 2BK 10 / SH

C-77-HS-005B/77-HS-005A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77005

77-HY-005 (1 1BK / 2 2BK) — NOTE-2 — C-77-HY-00577-HS-005A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

B-200 INDOOR
77-HS-005A (1BK 12 / 2BK 22 — 11 / 12 1BK 2BK) — NOTE-2

B-200 OUTDOOR
77-HS-006B (1BK 12 / 2BK 12 — 11 / 12 1BK 2BK) — NOTE-2
C-77-HS-006B/950-JE-04203
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
→ TB-1: 1BK 11 / 2BK 12 / SH / OS

C-77-HS-006B/77-HS-006A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77006

77-HY-006 (1 1BK / 2 2BK) — NOTE-2 — C-77-HY-006/77-HS-006A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

B-200 INDOOR
77-HS-006A (1BK 21 / 2BK 22 — 11 / 12 1BK 2BK) — NOTE-2

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–04203

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016		SHEET 068 / REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016 REV. 01

FIELD

INSTRUMENTS

<01>

B-300 UPS Room

950-XZ-04202 (+/-) 1BK 2BK — C-950-XZ-04202/950-JE-04207 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

950-XL-04203 (+/-) 1BK 2BK — C-950-XL-04203/950-JE-04207 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

950-XL-04204 (+/-) 1BK 2BK — C-950-XL-04204/950-JE-04207 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

B-300 OUTDOOR

77-HS-007B (21/22, 11/12) 1BK 2BK — C-77-HS-007B/950-JE-04207 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

NOTE-2

C-77-HY-007B/77-HY-007A 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77007

77-HY-007 (1/2) 1BK 2BK — C-77-HY-007/77-HS-007A 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — B-300 INDOOR 77-HS-007A (21/22, 11/12) 1BK 2BK — NOTE-2

B-300 OUTDOOR — NOTE-2 — NOTE-2

77-HS-008B (21/22, 11/12) 1BK 2BK — C-77-HS-008B/950-JE-04207 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

NOTE-2

C-77-HS-008B/77-HS-008A 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77008

77-HY-008 (1/2) 1BK 2BK — C-77-HY-008/77-HS-008A 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — B-300 INDOOR 77-HS-008A (21/22, 11/12) 1BK 2BK — NOTE-2

B-300 OUTDOOR — NOTE-2 — NOTE-2

77-HS-009B (21/22, 11/12) 1BK 2BK — C-77-HS-009B/950-JE-04207 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

NOTE-2

C-77-HS-009B/77-HS-009A 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77009

77-HY-009 (1/2) 1BK 2BK — C-77-HY-009/77-HS-009A 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — B-300 INDOOR 77-HS-009A (21/22, 11/12) 1BK 2BK — NOTE-2

B-300 OUTDOOR — NOTE-2 — NOTE-2

77-HS-010B (21/22, 11/12) 1BK 2BK — C-77-HS-010B/950-JE-04207 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

NOTE-2

C-77-HS-010B/77-HS-010A 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77010

77-HY-010 (1/2) 1BK 2BK — C-77-HY-010/77-HS-010A 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — B-300 INDOOR 77-HS-010A (21/22, 11/12) 1BK 2BK — NOTE-2

B-300 OUTDOOR — NOTE-2 — NOTE-2

77-HS-011B (21/22, 11/12) 1BK 2BK — C-77-HS-011B/950-JE-04207 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

NOTE-2

C-77-HS-011B/77-HS-011A 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77011

77-HY-011 (1/2) 1BK 2BK — C-77-HY-011/77-HS-011A 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — B-300 INDOOR 77-HS-011A (21/22, 11/12) 1BK 2BK — NOTE-2

B-300 OUTDOOR — NOTE-2 — NOTE-2

JUNCTION BOX

950-JE-04207

TB-1

1BK 2BK	1	1BK
	2	2BK
	SH	
1BK 2BK	3	3BK
	4	4BK
	SH	
1BK 2BK	5	5BK
	6	6BK
	SH	
1BK 2BK	7	7BK
	8	8BK
	SH	
1BK 2BK	9	9BK
	10	10BK
	SH	
1BK 2BK	11	11BK
	12	12BK
	SH	
1BK 2BK	13	13BK
	14	14BK
	SH	
1BK 2BK	15	15BK
	16	16BK
	SH	
	17	17BK
	18	18BK
	SH	
	19	19BK
	20	20BK
	SH	
	21	21BK
	22	22BK
	SH	
	23	23BK
	24	24BK
	SH	
	OS	

MULTICABLE No.

950-JE-04207/B400-FGS-002

24x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

I&T EQUIPMENT ROOM (ITER)

MARSHALLING CABINET

B400-FGS-002

TB-950-JE-04207

1BK	1	950-XZ-04202
2BK	2	
3BK	3	950-XL-04203
4BK	4	
5BK	5	950-XL-04204
6BK	6	
7BK	7	77-HY-007
8BK	8	
9BK	9	77-HY-008
10BK	10	
11BK	11	77-HY-009
12BK	12	
13BK	13	77-HY-010
14BK	14	
15BK	15	77-HY-011
16BK	16	
17BK	17	SPARE
18BK	18	
19BK	19	SPARE
20BK	20	
21BK	21	SPARE
22BK	22	
23BK	23	SPARE
24BK	24	

Shield Bar — I.E.

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–04207

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 069	REV. 01

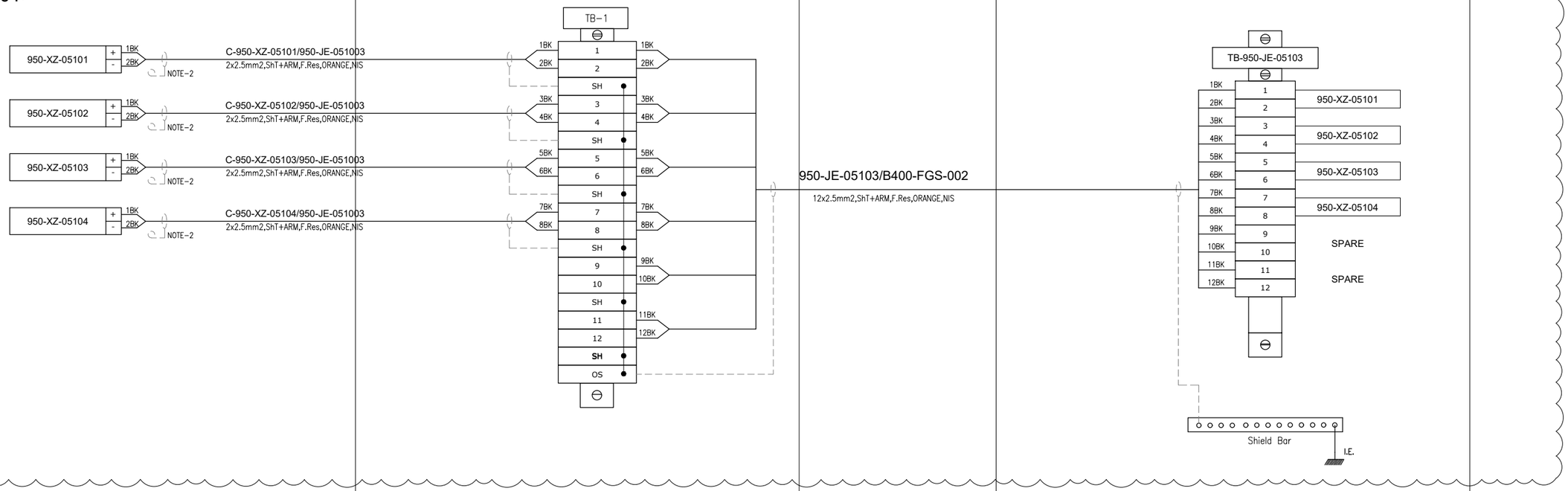
File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-05103	No.	MARSHALLING CABINET B400-FGS-002

<01>



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
950-JE-05103

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90-DDL-IN-DG-40016		SHEET 070 / REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

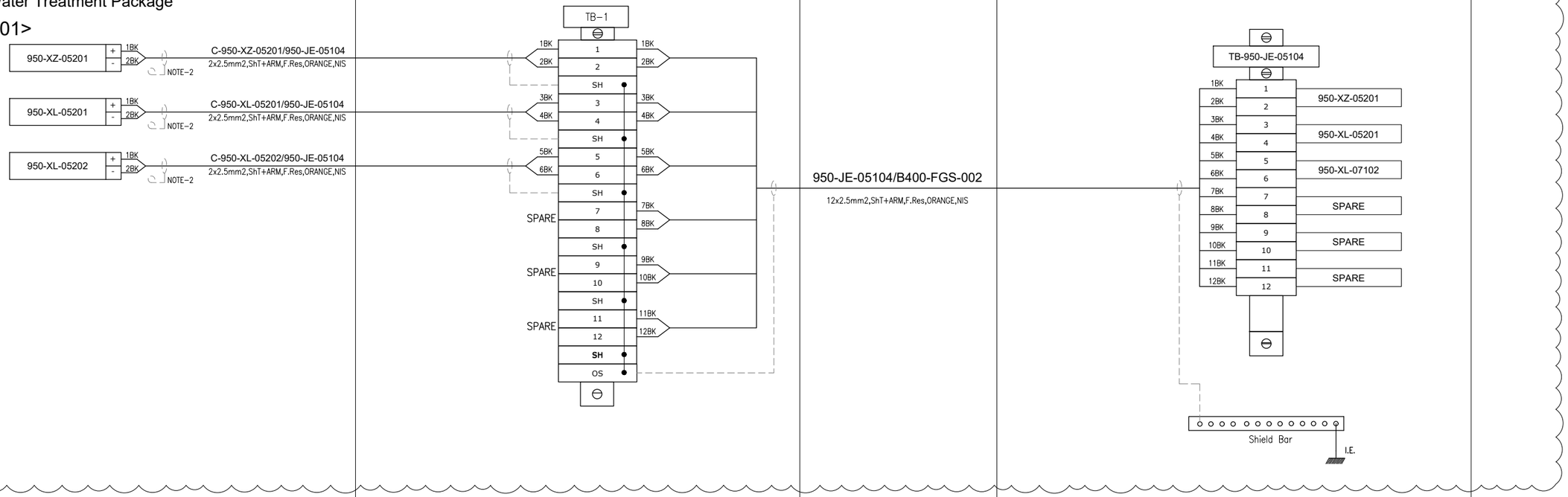
DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-05104 (*)	No.	MARSHALLING CABINET B400-FGS-002

Water Treatment Package

<01>



NOTE:
(*) JB will be provided by SWT Package Vendor

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
950-JE-05104

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 071	REV. 01

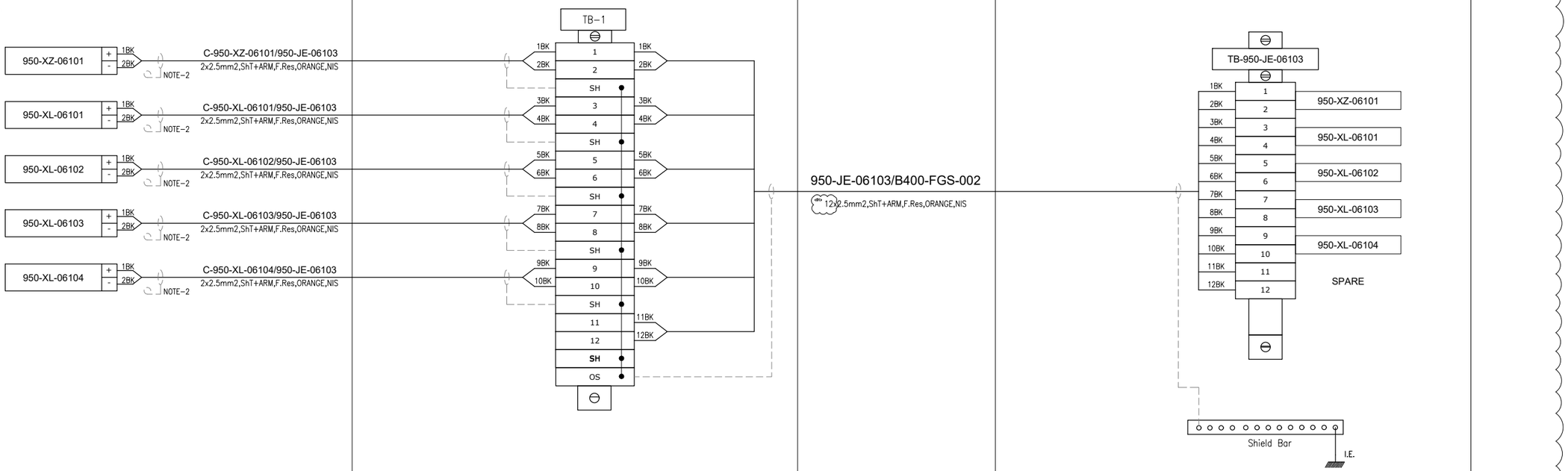
File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-06103	No.	MARSHALLING CABINET B400-FGS-002

<01>



CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–06103

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 072	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016 REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-06203	No.	MARSHALLING CABINET B400-FGS-002

<01>

B-100 HV Switch Gear Room

950-XZ-06201 (+/-, 1BK/2BK) — NOTE-2 — C-950-XZ-06201/950-JE-06203
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
→ TB-1: 1BK→1, 2BK→2, SH

950-XL-06201 (+/-, 1BK/2BK) — NOTE-2 — C-950-XL-06201/950-JE-06203
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
→ TB-1: 1BK→3, 2BK→4, SH

950-XL-06202 (+/-, 1BK/2BK) — NOTE-2 — C-950-XL-06202/950-JE-06203
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
→ TB-1: 1BK→5, 2BK→6, SH

950-JE-06203/B400-FGS-002
12x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

TB-950-JE-06203 → TB-1:
1BK→1 950-XZ-06201
2BK→2
3BK→3 950-XL-06201
4BK→4
5BK→5 950-XL-06202
6BK→6
7BK→7 77-HY-001
8BK→8
9BK→9 77-HY-002
10BK→10
11BK→11 77-HY-003
12BK→12

Shield Bar — I.E.

B-100 OUTDOOR
77-HS-001B (21/22, 11/12, 1BK/2BK) — NOTE-2 — C-77-HS-001B/950-JE-06203
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
→ TB-1: 1BK→7, 2BK→8, SH

C-77-HS-001B/77-HS-001A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77001
77-HY-001 (1/2, 1BK/2BK) — NOTE-2 — C-77-HY-001/77-HS-001A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2
B-100 INDOOR
77-HS-001A (21/22, 11/12, 1BK/2BK) — NOTE-2

B-100 OUTDOOR
77-HS-002B (21/22, 11/12, 1BK/2BK) — NOTE-2 — C-77-HS-002B/950-JE-06203
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
→ TB-1: 1BK→9, 2BK→10, SH

C-77-HS-002B/77-HS-002A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77002
77-HY-002 (1/2, 1BK/2BK) — NOTE-2 — C-77-HY-002/77-HS-002A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2
B-100 INDOOR
77-HS-002A (21/22, 11/12, 1BK/2BK) — NOTE-2

B-100 OUTDOOR
77-HS-003B (21/22, 11/12, 1BK/2BK) — NOTE-2 — C-77-HS-003B/950-JE-06203
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
→ TB-1: 1BK→11, 2BK→12, SH, OS

C-77-HS-003B/77-HS-003A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77003
77-HY-003 (1/2, 1BK/2BK) — NOTE-2 — C-77-HY-003/77-HS-003A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2
B-100 INDOOR
77-HS-003A (21/22, 11/12, 1BK/2BK) — NOTE-2

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–06203

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 073	REV. 01

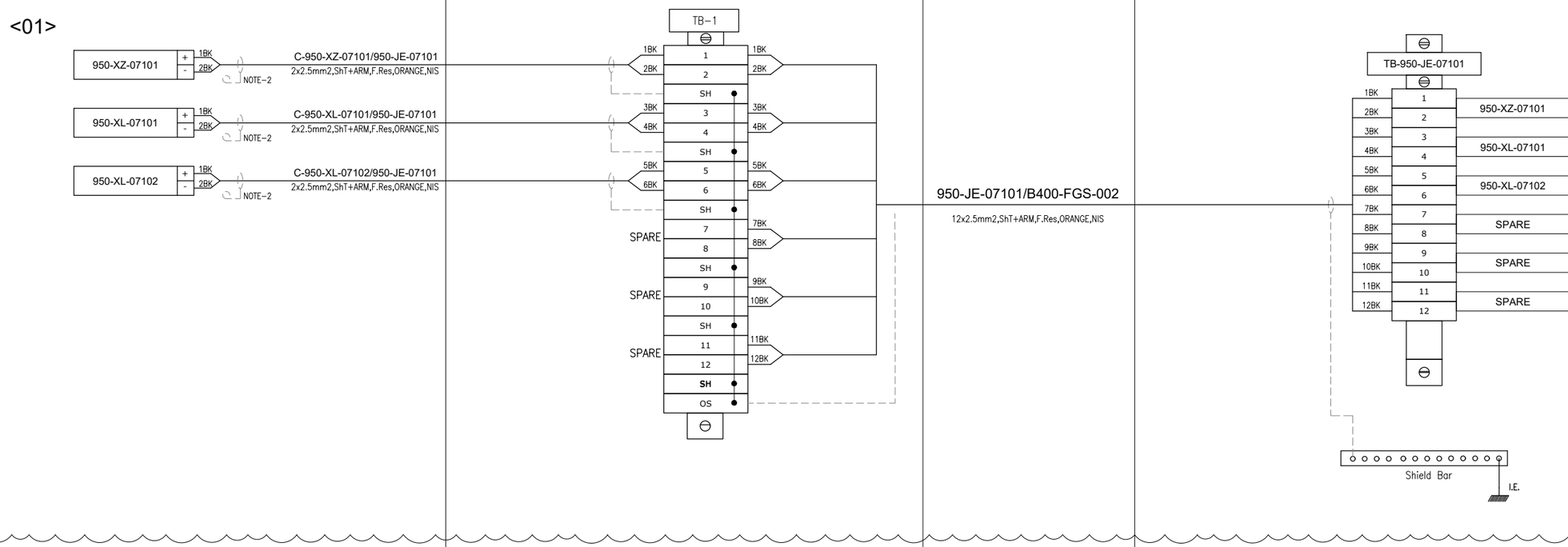
File Name : 123A90–DDL–IN–DG–40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-07101	No.	MARSHALLING CABINET B400-FGS-002

<01>



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–07101

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	074	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

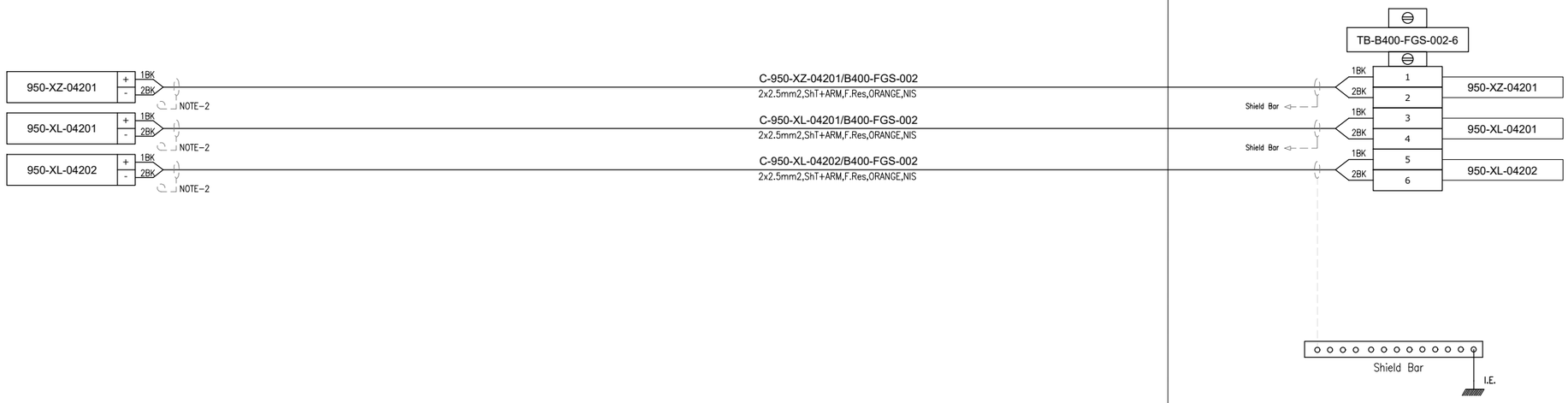
REV. 01

I&T EQUIPMENT ROOM (ITER)

MARSHALLING CABINET
B400-FGS-002

<01>

B-400 ITER



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
SOUNDER(XZ) AND BEACON(XL) - B-400

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

	DRAWING NO.	SHEET	REV.
A3	123A90-DDL-IN-DG-40016	075	01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

I&T EQUIPMENT ROOM (ITER)

<01>

B-400 ITER

B-400 OUTDOOR

77-HS-012B

NOTE-2

C-77-HS-012B/B400-FGS-002
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

C-77-HS-012B/77-HS-012A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77012

77-HY-012

C-77-HY-012/77-HS-012A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

B-400 INDOOR

77-HS-012A

B-400 OUTDOOR

77-HS-013B

C-77-HS-013B/B400-FGS-002
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

C-77-HS-013B/77-HS-013A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77013

77-HY-013

C-77-HY-013/77-HS-013A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

B-400 INDOOR

77-HS-013A

77-HS-014B

C-77-HS-014B/B400-FGS-002
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

C-77-HS-014B/77-HS-014A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77014

77-HY-014

C-77-HY-014/77-HS-014A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

B-400 INDOOR

77-HS-014A

MARSHALLING CABINET

B400-FGS-002

TB-B400-FGS-002-5

1 — 77-HY-012

Shield Bar

3 — 77-HY-013

Shield Bar

5 — 77-HY-014

6

Shield Bar

I.E.

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
FIRE DAMPER COMMAND – B–400

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 076	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

I&T EQUIPMENT ROOM (ITER)

<01>

B-400 ITER



MARSHALLING CABINET

B400-FGS-002

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
FIRE DAMPER COMMAND - B-400

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 077	REV. 01

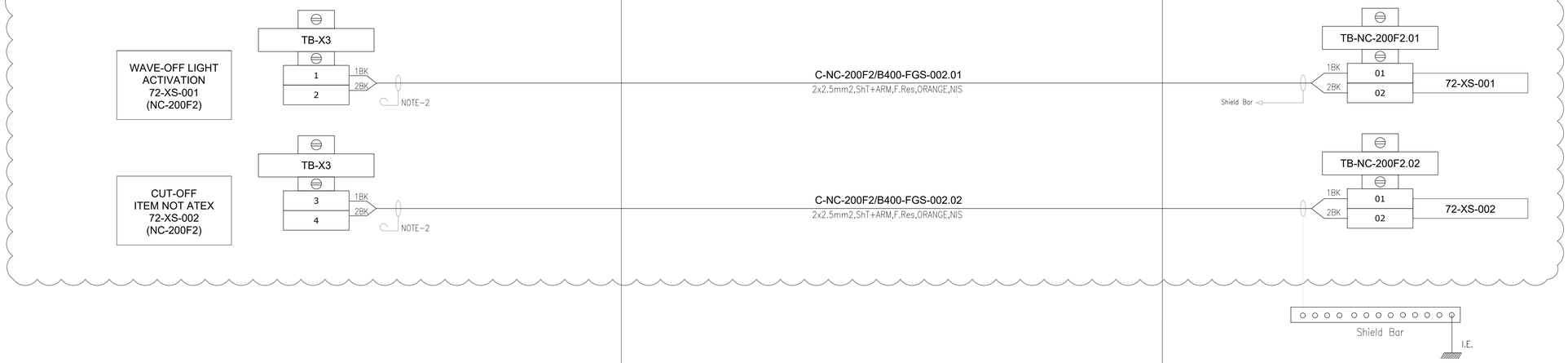
File Name : 123A90-DDL-IN-DG-40016_Rev.01

DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 01

FIELD		I&T EQUIPMENT ROOM (ITER)
B-300 - UPS ROOM	CABLE NO	MARSHALLING CABINET B400-FGS-002

<01>



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT-FGS WIRING DIAGRAMS
NAVAIDS SYSTEM - SHUTDOWN

CONTRACT NO./TITLE			SCALE N/A
DRAWN VBA	CHECKED LCA	APPROVED DLO	DATE 23/02/2024

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 078	REV. 01

File Name : 123A90-DDL-IN-DG-40016_Rev.01