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

REV. 02

RLMU LIST

REV.01B: SHEET 68, 69, 73, 79, 77
REV.01C: DOCUMENT ALIGNED WITH REVISION OFFICIALLY ISSUED
REV.01D: SHEET 68, 69, 73, 76, 77
REV.01E: SHEET 11 ÷ 13, 25, 31 ÷ 36, 38, 40 ÷ 46, 48 ÷ 52, 64 ÷ 70, 72 ÷ 75
REV.01F: SHEET 22, 25, 56, 57, 58, 59, 77
REV.01G: SHEET 3
REV.01H: SHEET 30 ÷ 50
REV.01I: SHEET 30 ÷ 50
REV.01J: SHEET 30 ÷ 50
REV.01K: SHEET 23, 51 ÷ 53, 56 ÷ 60
REV.01L: SHEET 14, 20, 32, 38, 40, 46, 48, 60, 71
REV.01M: SHEET 3, 78
REV.01N: SHEET 3
REV.01O: SHEET 18
REV.01P: SHEET 12
REV.01Q: SHEET 12
REV.01R: SHEET 10 ÷ 12, 14, 20, 60
REV.01S: SHEET 14, 20, 60

BASE LOAD POWER HUB (BLPH)

INSTRUMENT - SAFETY SYSTEM WIRING DIAGRAM

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	29/09/2025	SPS	LCA	CGI	AS-BUILT (ASB)
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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO.	SHEET	REV.
	123A90-DDL-IN-DG-40016	001	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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		
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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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO.	SHEET	REV.
	123A90-DDL-IN-DG-40016	002	02

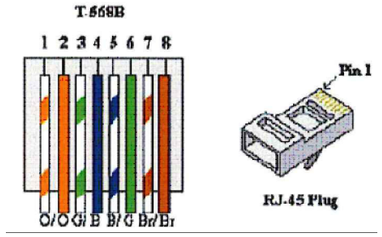
File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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. SWITCH TAG NAME AND PORT WILL BE DEFINED DURING THE CONSTRUCTION PHASE
6. FOR OPTICAL FIBERS, USE THE FOLLOWING COLOR CODING:
   01. RED
   02. GREEN
   03. BLUE
   04. YELLOW
   05. GRAY
   06. PURPLE
   07. BROWN
   08. ORANGE
   09. WHITE
   10. PINK
   11. BLACK
   12. TURQUOISE
7. CAT.6A CABLE SHALL BE TERMINATED MEETING REQUIREMENTS OF STANDARD EIA / TIA 568B:



8. FOR INSTRISICALLY SAFE CIRCUIT USE LIGHT BLUE CABLE OF ALTENATIVELY ORANGE CABLE WITH HEAT SHRINKABLE SLEEVE BLUE AT BOTH END (SEE DOC. 123A90-FDL-IN-DD-40017).

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
ESD	- EMERGENCY SHUTDOWN SYSTEM
SIS	- SAFETY INSTRUMENT SYSTEM
FGS	- FIRE & GAS SYSTEM
MC	- MARSHALLING CABINET
AI	- ANALOGUE INPUT
AO	- ANALOGUE OUTPUT
DI	- DIGITAL INPUT
DO	- DIGITAL OUTPUT
JE	- JUNCTION BOX FOR ELECTRICAL SIGNALS

REFERENCE DRAWINGS:

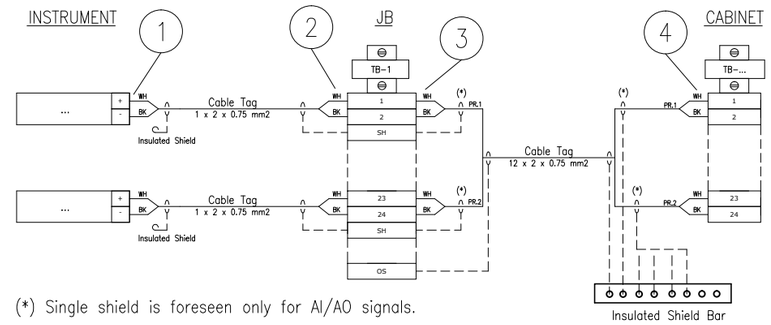
PIPING AND INSTRUMENT DIAGRAM	123A90-DDL-PR-PID-80009
INSTRUMENT INDEX	123A90-DDL-IN-LIS-40088
F&G DETECTORS LAYOUT	123A90-DDL-SAF-DL-30027

NOTES:

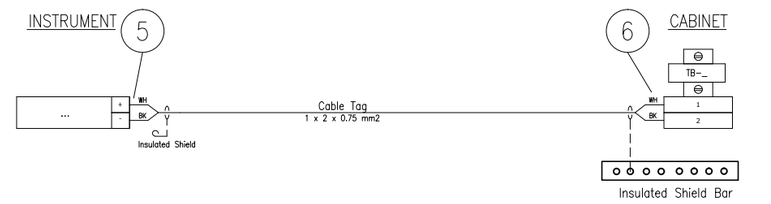
A. HEAT SHRINKABLE BLACK FOR SHIELD OF NIS INSTRUMENT CABLE. HEAT SHRINKABLE BLUE FOR SHIELD OF IS INSTRUMENT CABLE.
B. ABOVE DESCRIBED PHILOSOPHY IS INTENDED FOR CONNECTIONAS REPRESENTED. IN CASE OF CONNECTION FROM THE OPPESITE SIDE, ORDER OF FERULE TAG SHALL BE MIRRORED.
C. SAME TAGGING PHILOSOPHY SHALL APPLIED ALSO TO SHIELDS TERMINATED ON TERMINAL STRIP.

PHILOSOPHY OF CROSS - FERRULING:

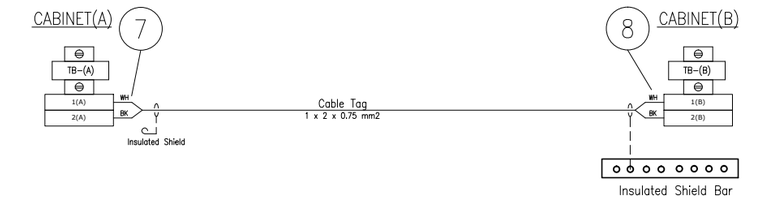
INSTRUMENT CONNECTION THROUGH MARSHALLING JB TO CABINET



INSTRUMENT CONNECTION STRAIGHT TO CABINET



CABINET CONNECTION TO CABINET



1 - INSTRUMENT TERMINAL NO. OR POLARITY/JB NO./JB TERMINAL NO.
2 - INSTRUMENT TERMINAL NO. OR POLARITY / INSTR TAG / JB TERMINAL NO.
3 - JB TERMINAL NO. / JB TERMINAL STRIP / CABINET TERMINAL STRIP / PAIR OR CORE NO.
4 - PAIR OR CORE NO./JB TAG./JB TERMINAL NO./ CABINET TERMINAL STRIP / CABINET TERMINAL NO.
5 - INSTR. TERMINAL NO. OR POLARITY / CABINET TAG / CABINET TERMINAL STRIP / CABINET TERMINAL NO.
6 - INSTR. TERMINAL NO. OR POLARITY / INSTR. TAG / CABINET TERMINAL STRIP / CABINET TERMINAL NO.
7 - TERMINAL NO. (A) TERMINAL STRIP (A) / CABINET TAG (B) / CABINET TERMINAL NO.(B) / PAIR OR CORE NO.
8 - PAIR OR CORE NO. / CABINET TERMINAL NO.(A) / CABINET TAG (A) / TERMINAL STRIP (B) / TERMINAL NO.(B)

CROSSWIND

ROSETTI MARINO

TITLE :

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 003	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

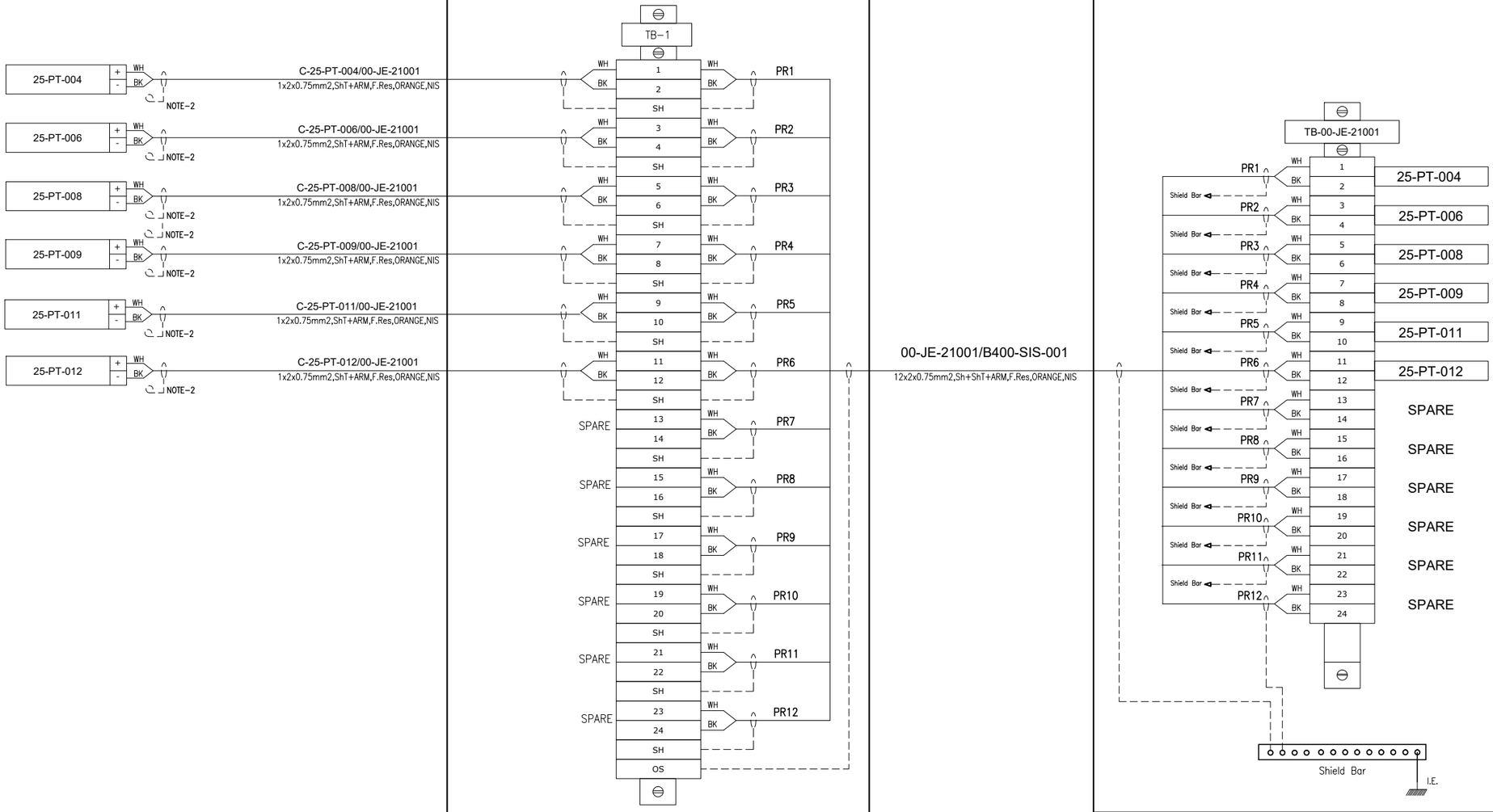
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 004	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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



CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

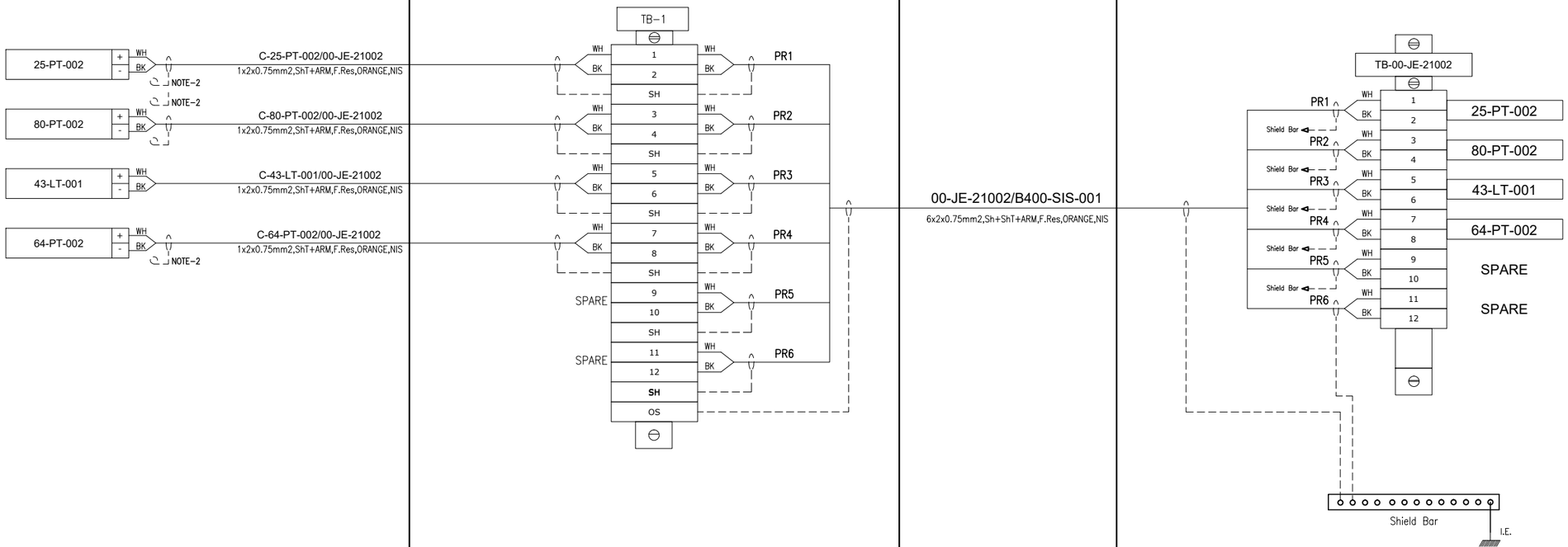
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File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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



CROSSWIND

ROSETTI MARINO

TITLE :

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

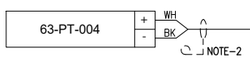
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File Name : 123A90-DDL-IN-DG-40016_Rev.02

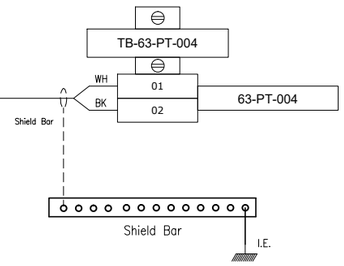
DRAWING NO. 123A90-DDL-IN-DG-40016

REV. 02

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



C-63-PT-004/B400-SIS-001
1x2x0.75mm2,ShT+ARM,F.Res,ORANGE,NIS



CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
INSTRUMENT– SAFETY SYSTEM WIRING DIAGRAMS
63–PT–004

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 007	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

SPARE PAGE

CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	008	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

SPARE PAGE

CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 009	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD

INSTRUMENTS

JUNCTION BOX

00-JE-22001

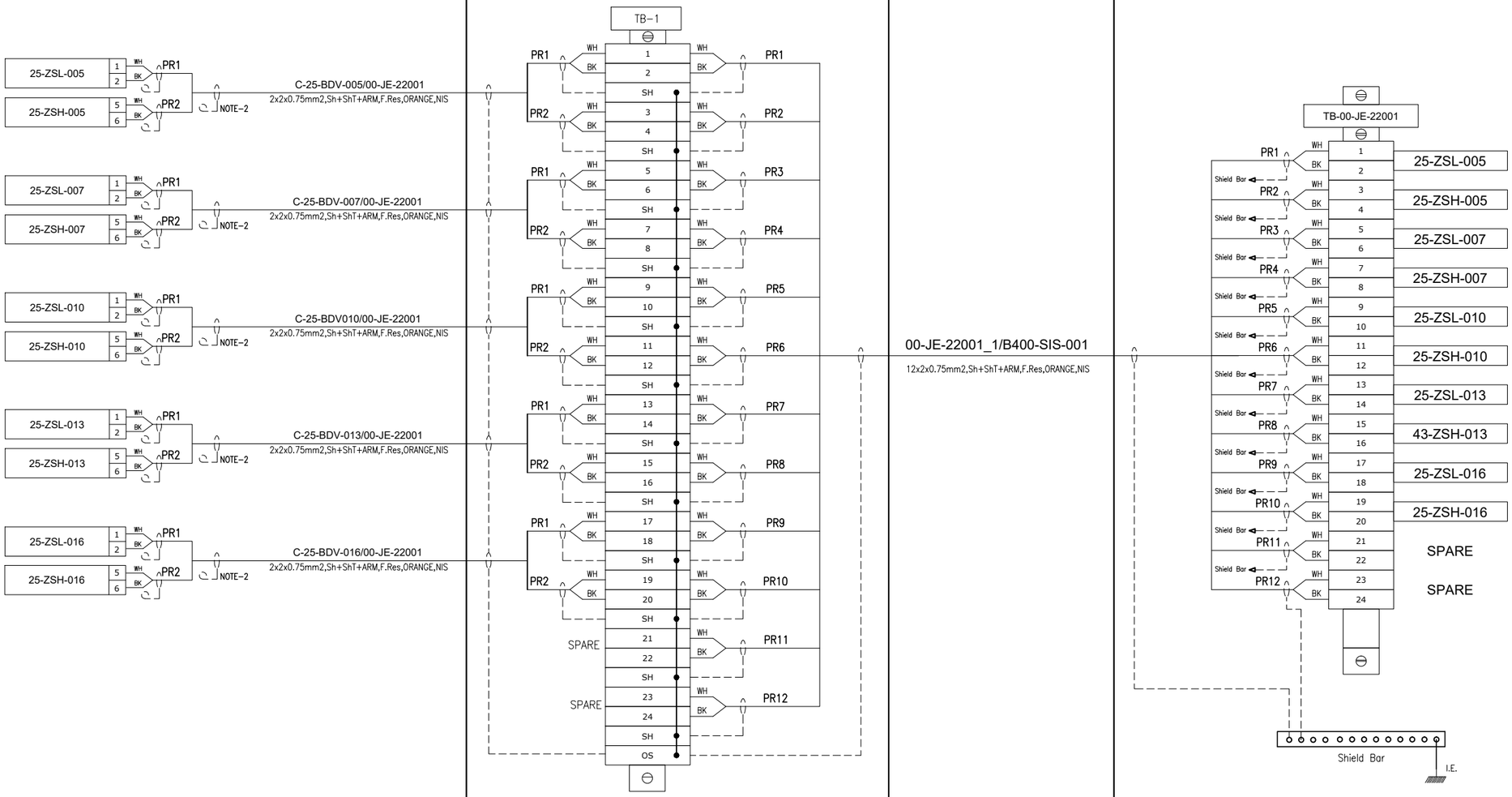
MULTICABLE

No.

I&T EQUIPMENT ROOM (ITER)

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

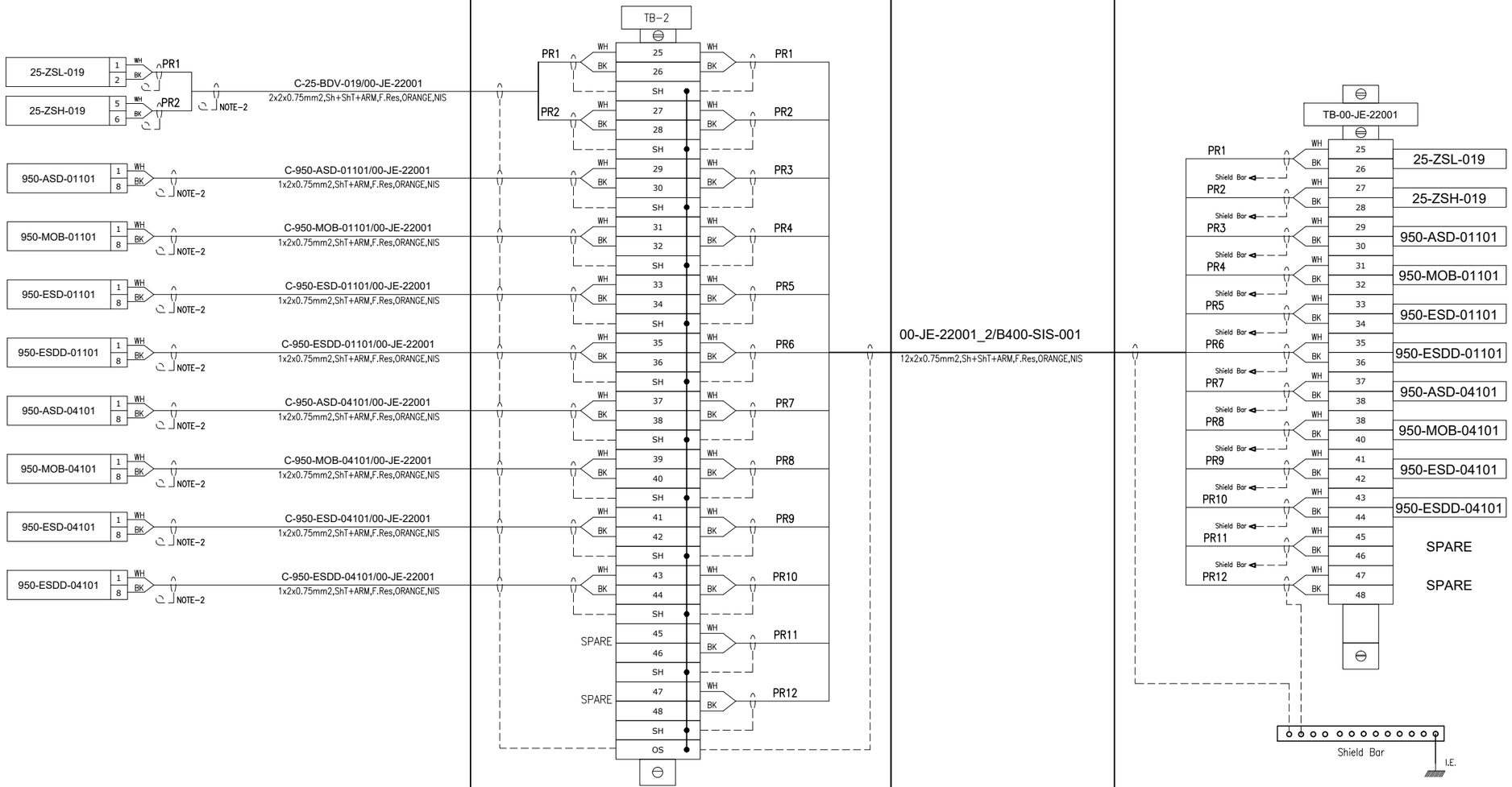
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	123A90–DDL–IN–DG–40016	010	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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



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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

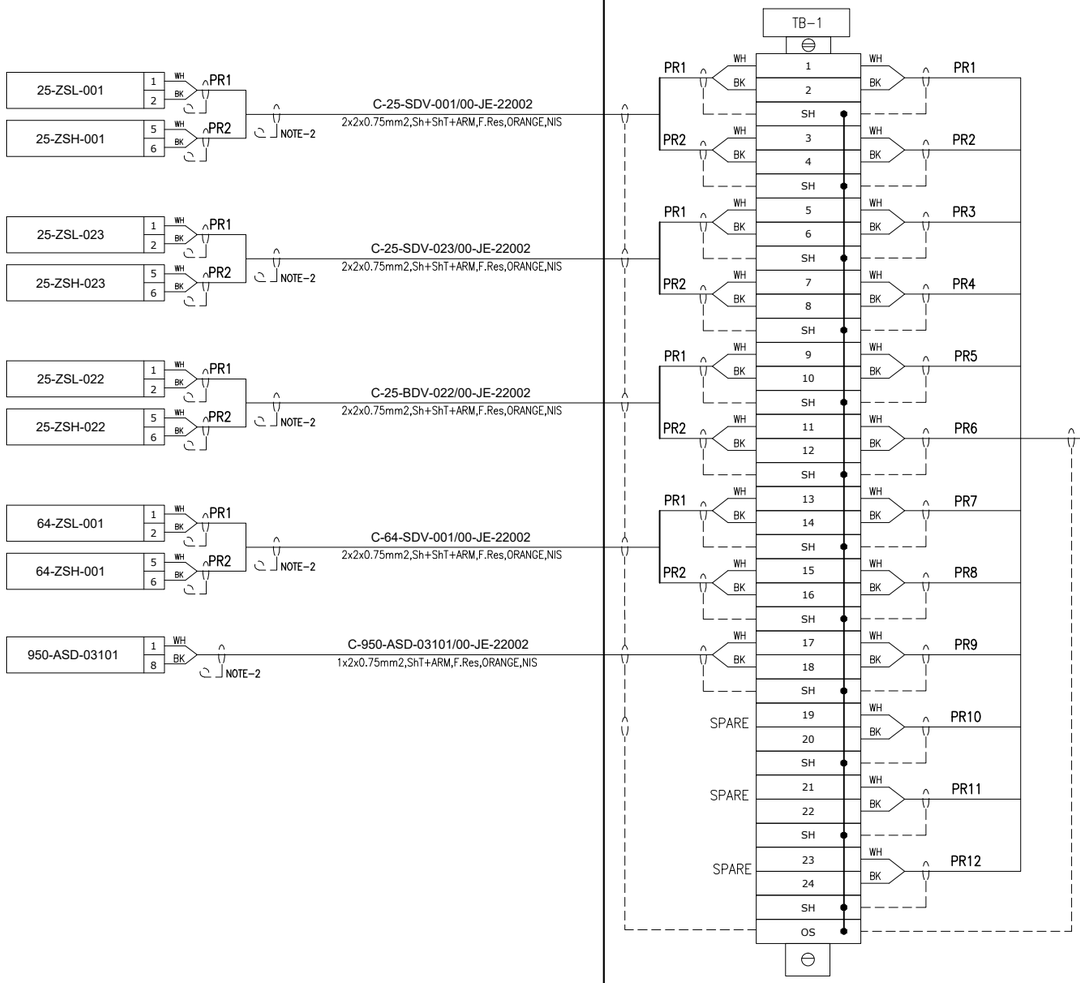
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	123A90–DDL–IN–DG–40016	011	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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

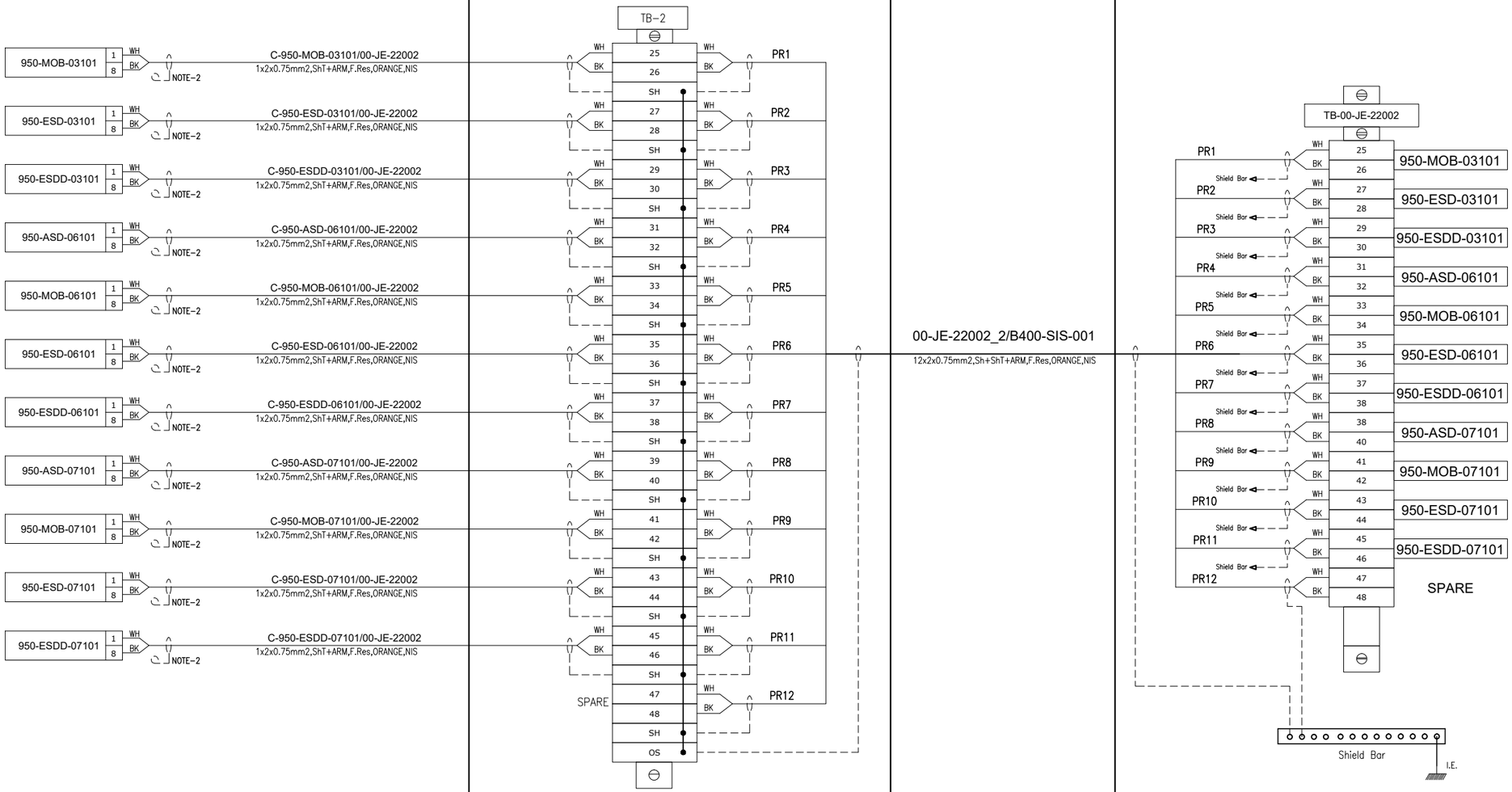
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DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 012	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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.2 OF 2

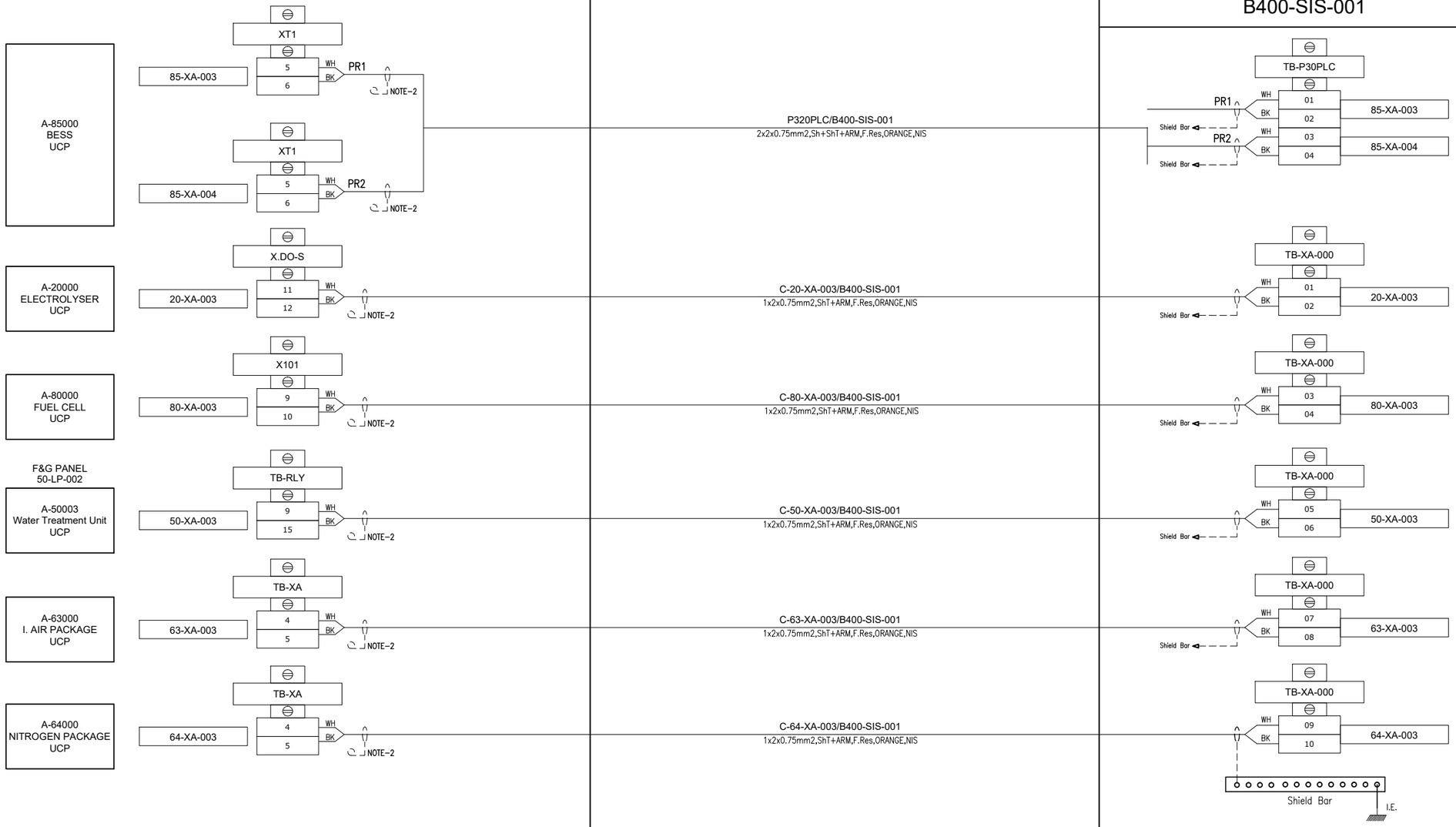
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DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 013	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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



CROSSWIND

ROSETTI MARINO

TITLE :

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

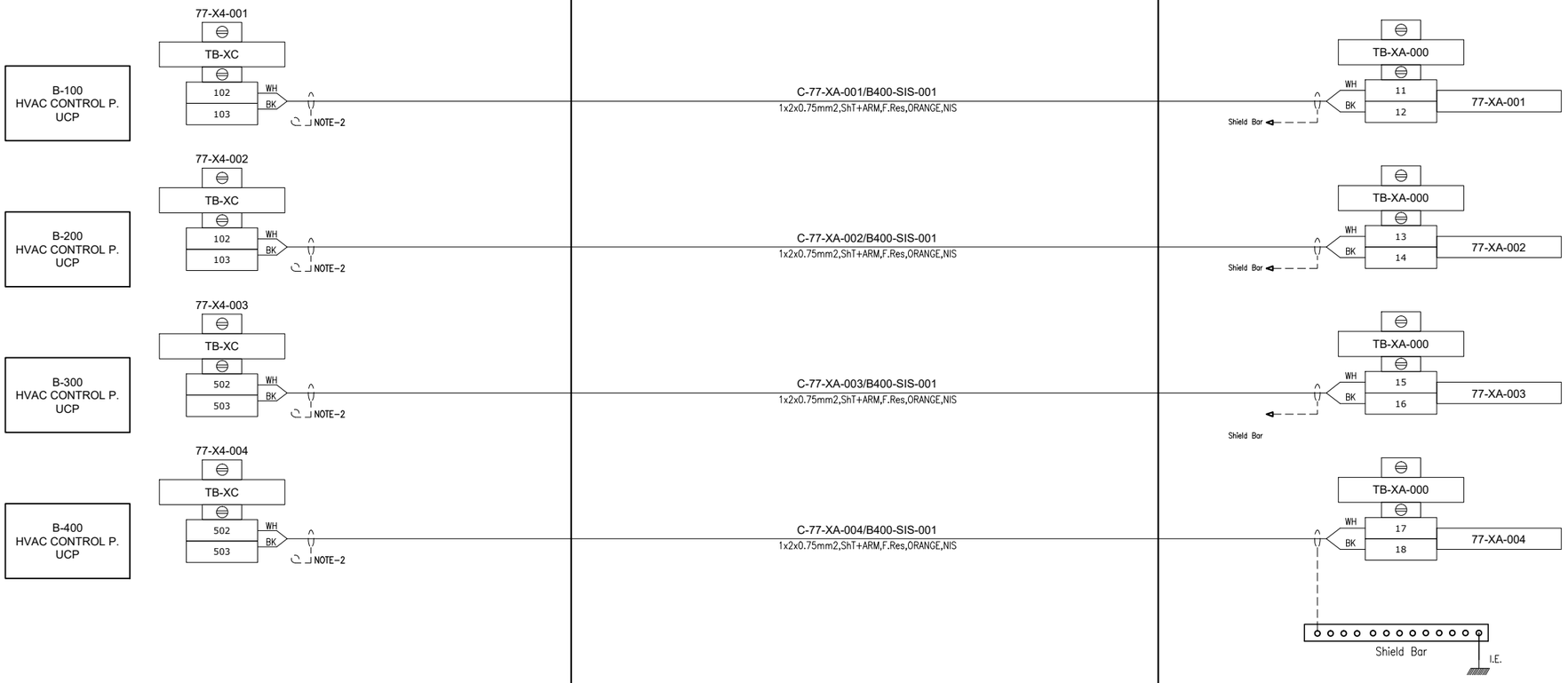
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DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123-A90-DDL-IN-DG-40015	SHEET 014	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

DRAWING NO. 123A90-DDL-IN-DG-40016 | REV. 02

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



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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

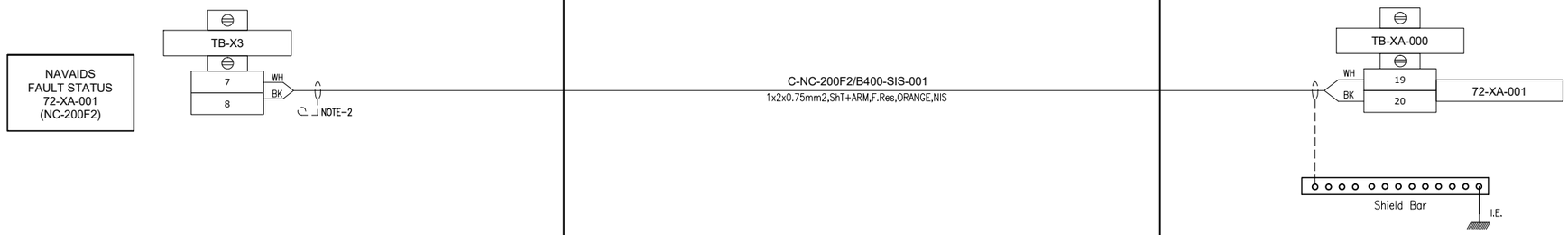
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 015	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 016	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

SPARE PAGE

CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	017	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD

INSTRUMENTS

JUNCTION BOX

00-JE-23001

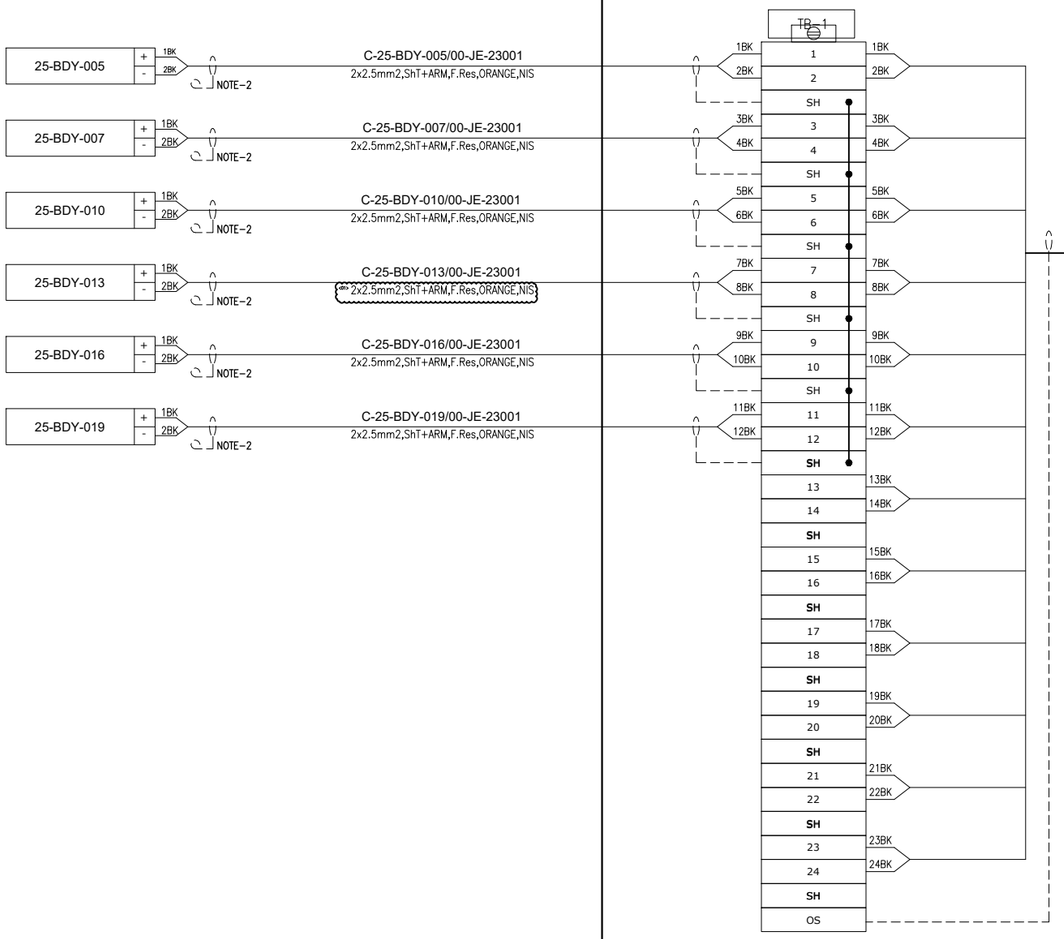
MULTICABLE

No.

I&T EQUIPMENT ROOM (ITER)

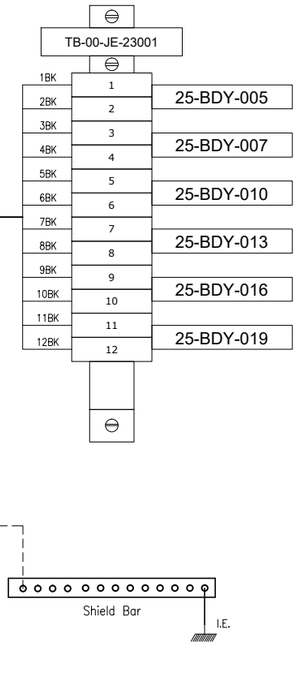
MARSHALLING CABINET

B400-SIS-001



00-JE-23001/B400-SIS-001

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



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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

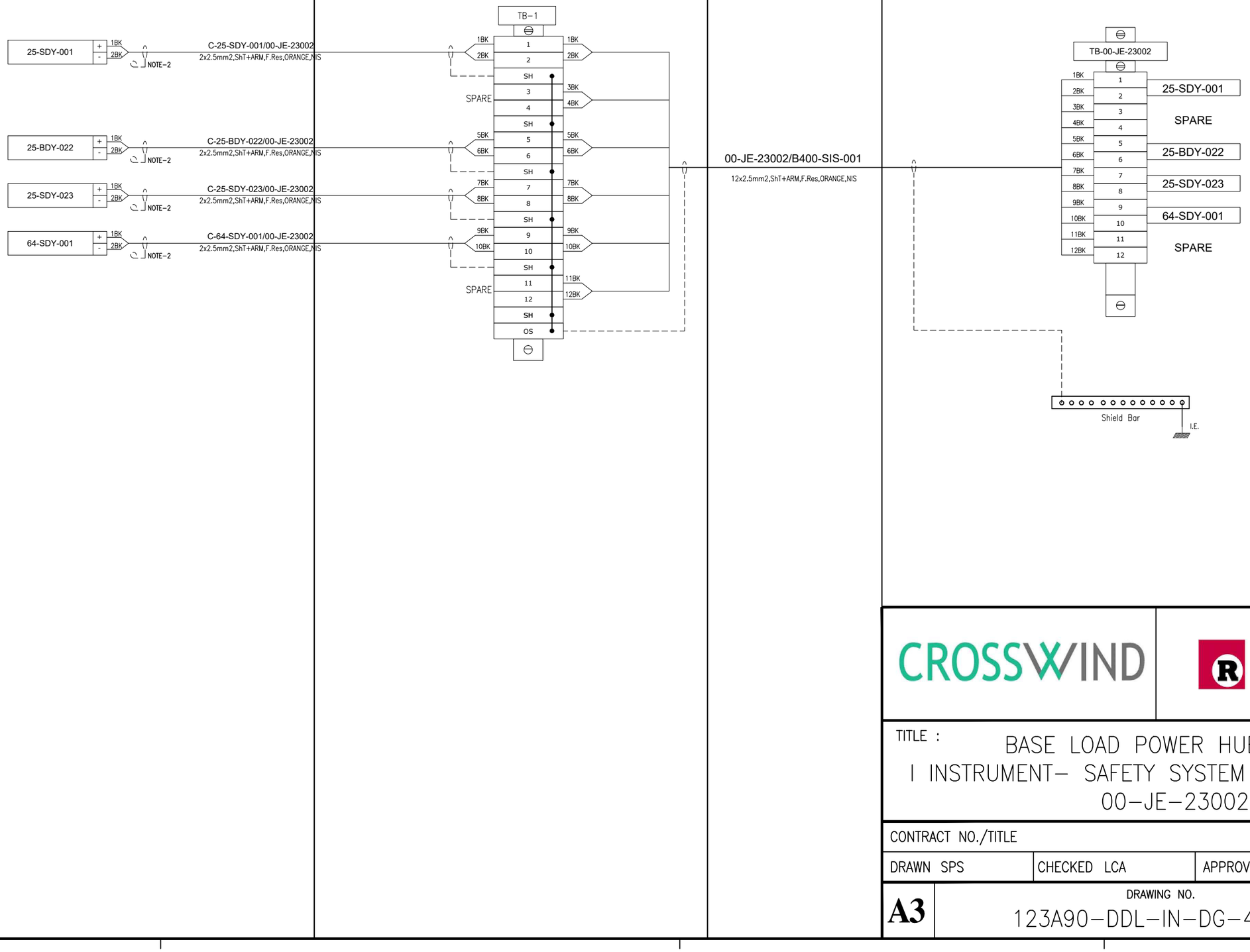
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 018	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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



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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 019	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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



CROSSWIND

ROSETTI MARINO

TITLE :

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

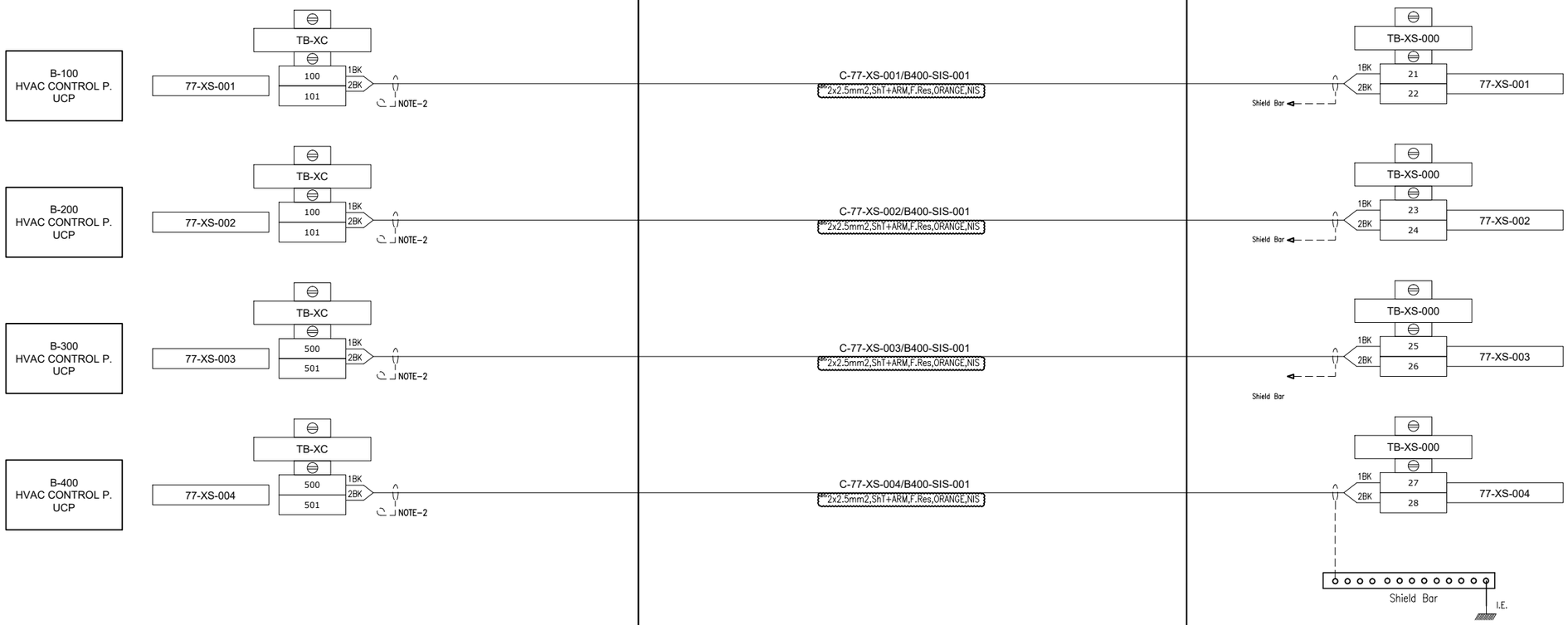
A3	DRAWING NO. 123-A90-DDL-IN-DG-40016	SHEET 020	REV. 02

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

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

REV. 02

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



CROSSWIND

ROSETTI MARINO

TITLE :

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 021	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD		I&T EQUIPMENT ROOM (ITER)
B-100 - HV SWITCHGEAR 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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

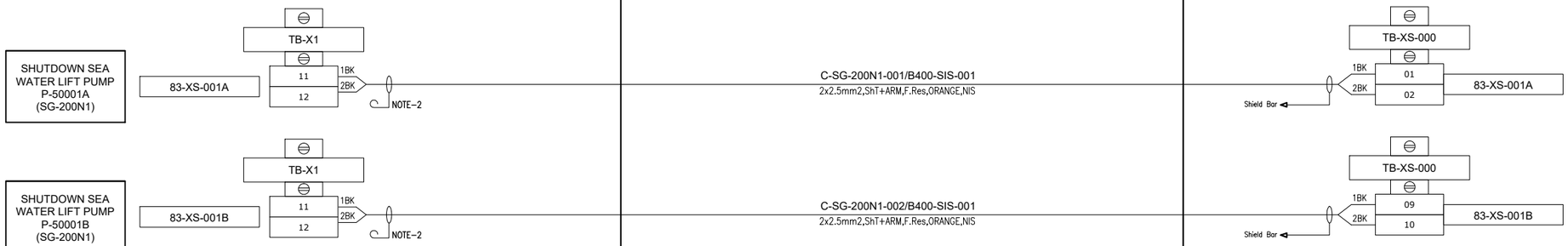
A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 022	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	023	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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

ELECT. ISOLATION
UPS POWER
UCP A-50000
(UP-200F3)

84-XS-001

TB-X12
17 — 1BK
18 — 2BK

ELECT. ISOLATION
UPS POWER
UCP A-64000
(UP-200F3)

84-XS-002

TB-X12
15 — 3BK
16 — 4BK

ELECT. ISOLATION
UPS POWER
UCP A-63000
(UP-200F3)

84-XS-003

TB-X12
13 — 5BK
14 — 6BK

ELECT. ISOLATION
UPS POWER
UCP HVAC B-100
(UP-200F3)

84-XS-004

TB-X12
19 — 7BK
20 — 8BK

ELECT. ISOLATION
UPS POWER
UCP HVAC B-200
(UP-200F3)

84-XS-005

TB-X12
21 — 9BK
22 — 10BK

INHIBIT. BATTERY
CHARGING AC UPS
(UP-200F3)

84-XS-010

TB-120
1 — 11BK
2 — 12BK

NOTE-2

UP-200F3/B400-SIS-001
12x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

Shield Bar

TB-UP-200F3

1BK	01	84-XS-001
2BK	02	
3BK	03	84-XS-002
4BK	04	
5BK	05	84-XS-003
6BK	06	
7BK	07	84-XS-004
8BK	08	
9BK	09	84-XS-005
10BK	10	
11BK	11	84-XS-010
12BK	12	

CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 024	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 025	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

SPARE PAGE

CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	026	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

SPARE PAGE

CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 027	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

SPARE PAGE

CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	028	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

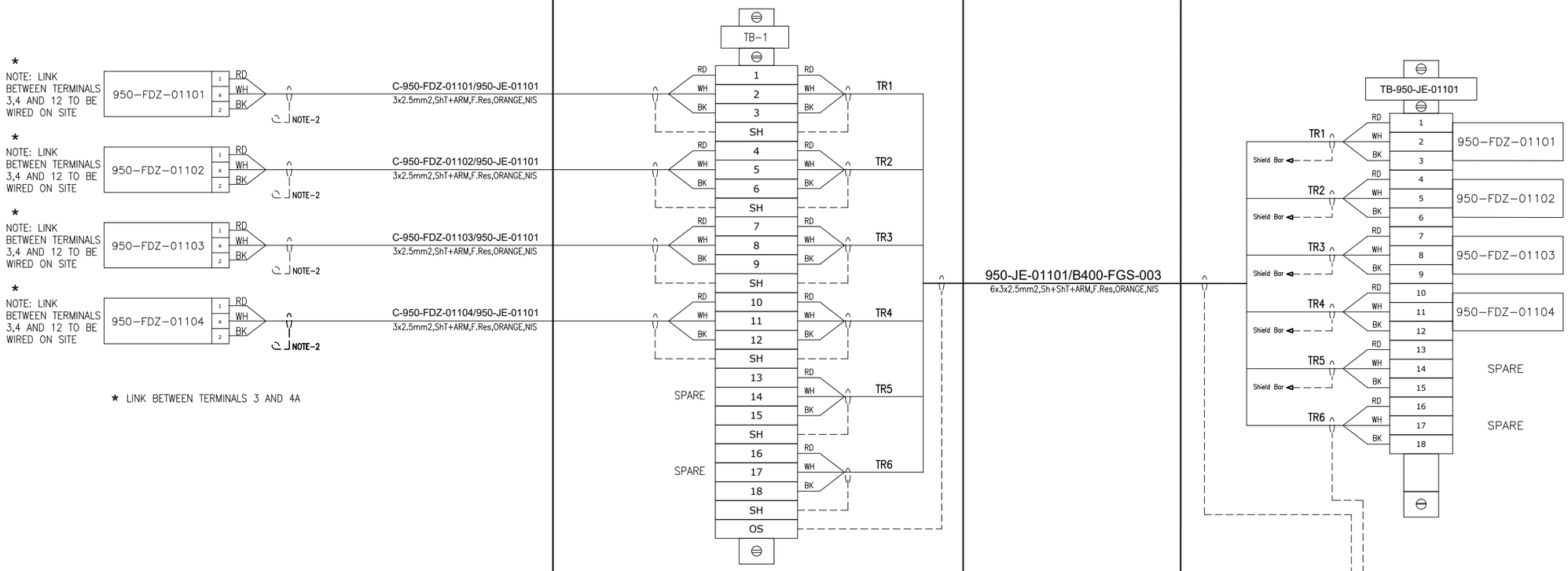
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 029	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-01101	No.	MARSHALLING CABINET B400-FGS-003



CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–01101

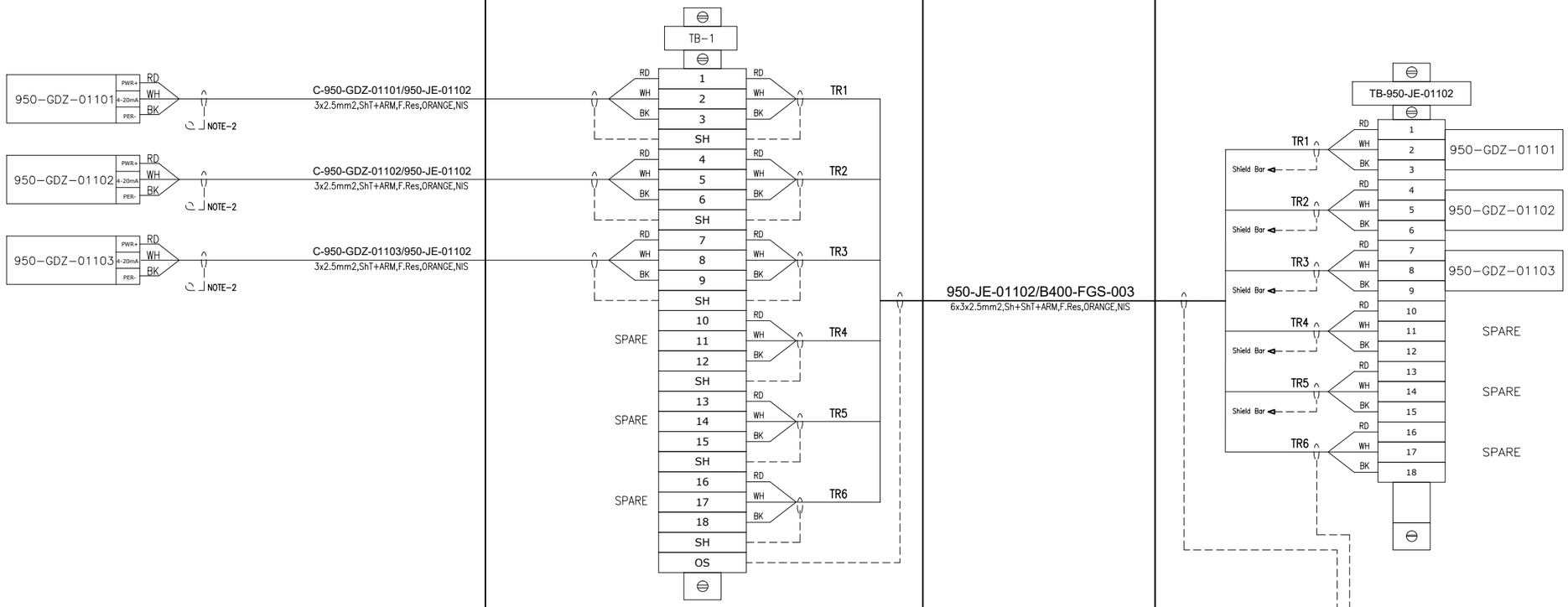
CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 030	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-01102	No.	MARSHALLING CABINET B400-FGS-003



CROSSWIND

ROSETTI MARINO

TITLE :

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

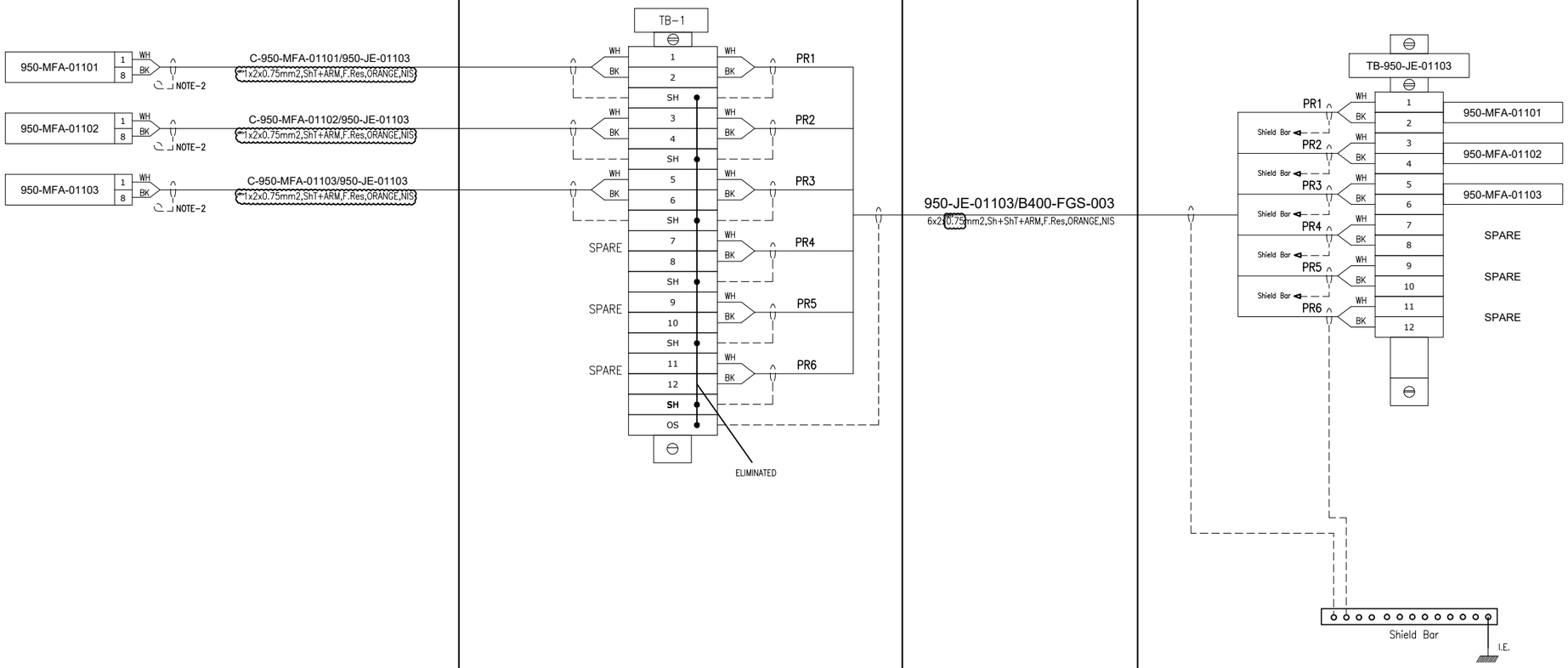
CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 031	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-01103	No.	MARSHALLING CABINET B400-FGS-003



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–01103

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 032	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD

INSTRUMENTS

* NOTE: LINK BETWEEN TERMINALS 3,4 AND 12 TO BE WIRED ON SITE

950-FDZ-02101	1 RD, 4 WH, 1 BK	C-950-FDZ-02101/950-JE-02101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
950-FDZ-02102	1 RD, 4 WH, 2 BK	C-950-FDZ-02102/950-JE-02101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
950-FDZ-02103	1 RD, 4 WH, 2 BK	C-950-FDZ-02103/950-JE-02101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
950-FDZ-02104	1 RD, 4 WH, 2 BK	C-950-FDZ-02104/950-JE-02101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
950-GDZ-02101	PWR+ RD, 4-20mA WH, PER- BK	C-950-GDZ-02101/950-JE-02101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
950-GDZ-02102	PWR+ RD, 4-20mA WH, PER- BK	C-950-GDZ-02102/950-JE-02101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
950-GDZ-02103	PWR+ RD, 4-20mA WH, PER- BK	C-950-GDZ-02103/950-JE-02101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
950-GDZ-02104	PWR+ RD, 4-20mA WH, PER- BK	C-950-GDZ-02104/950-JE-02101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
950-GDZ-02105	PWR+ RD, 4-20mA WH, PER- BK	C-950-GDZ-02105/950-JE-02101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
950-GDZ-02106	PWR+ RD, 4-20mA WH, PER- BK	C-950-GDZ-02106/950-JE-02101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

NOTE-2

* LINK BETWEEN TERMINALS 3 AND 4A

JUNCTION BOX
950-JE-02101

TB-1

1	RD	TR1
2	WH	
3	BK	
SH		
4	RD	TR2
5	WH	
6	BK	
SH		
7	RD	TR3
8	WH	
9	BK	
SH		
10	RD	TR4
11	WH	
12	BK	
SH		
13	RD	TR5
14	WH	
15	BK	
SH		
16	RD	TR6
17	WH	
18	BK	
SH		
19	RD	TR7
20	WH	
21	BK	
SH		
22	RD	TR8
23	WH	
24	BK	
SH		
25	RD	TR9
26	WH	
27	BK	
SH		
28	RD	TR10
29	WH	
30	BK	
SH		
SPARE		TR11
32	WH	
33	BK	
SH		
34	RD	TR12
35	WH	
36	BK	
SH		
OS		

MULTICABLE
No.

950-JE-02101/B400-FGS-003
12x3x2.5mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

I&T EQUIPMENT ROOM (ITER)

MARSHALLING CABINET
B400-FGS-003

TB-950-JE-02101

TR1	RD 1, WH 2, BK 3	950-FDZ-02101
TR2	RD 4, WH 5, BK 6	950-FDZ-02102
TR3	RD 7, WH 8, BK 9	950-FDZ-02103
TR4	RD 10, WH 11, BK 12	950-FDZ-02104
TR5	RD 13, WH 14, BK 15	950-GDZ-02101
TR6	RD 16, WH 17, BK 18	950-GDZ-02102
TR7	RD 19, WH 20, BK 21	950-GDZ-02103
TR8	RD 22, WH 23, BK 24	950-GDZ-02104
TR9	RD 25, WH 26, BK 27	950-GDZ-02105
TR10	RD 28, WH 29, BK 30	950-GDZ-02106
TR11	RD 31, WH 32, BK 33	SPARE
TR12	RD 34, WH 35, BK 36	SPARE

Shield Bar

I.E.

Shield Bar

CROSSWIND

ROSETTI MARINO

TITLE :

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

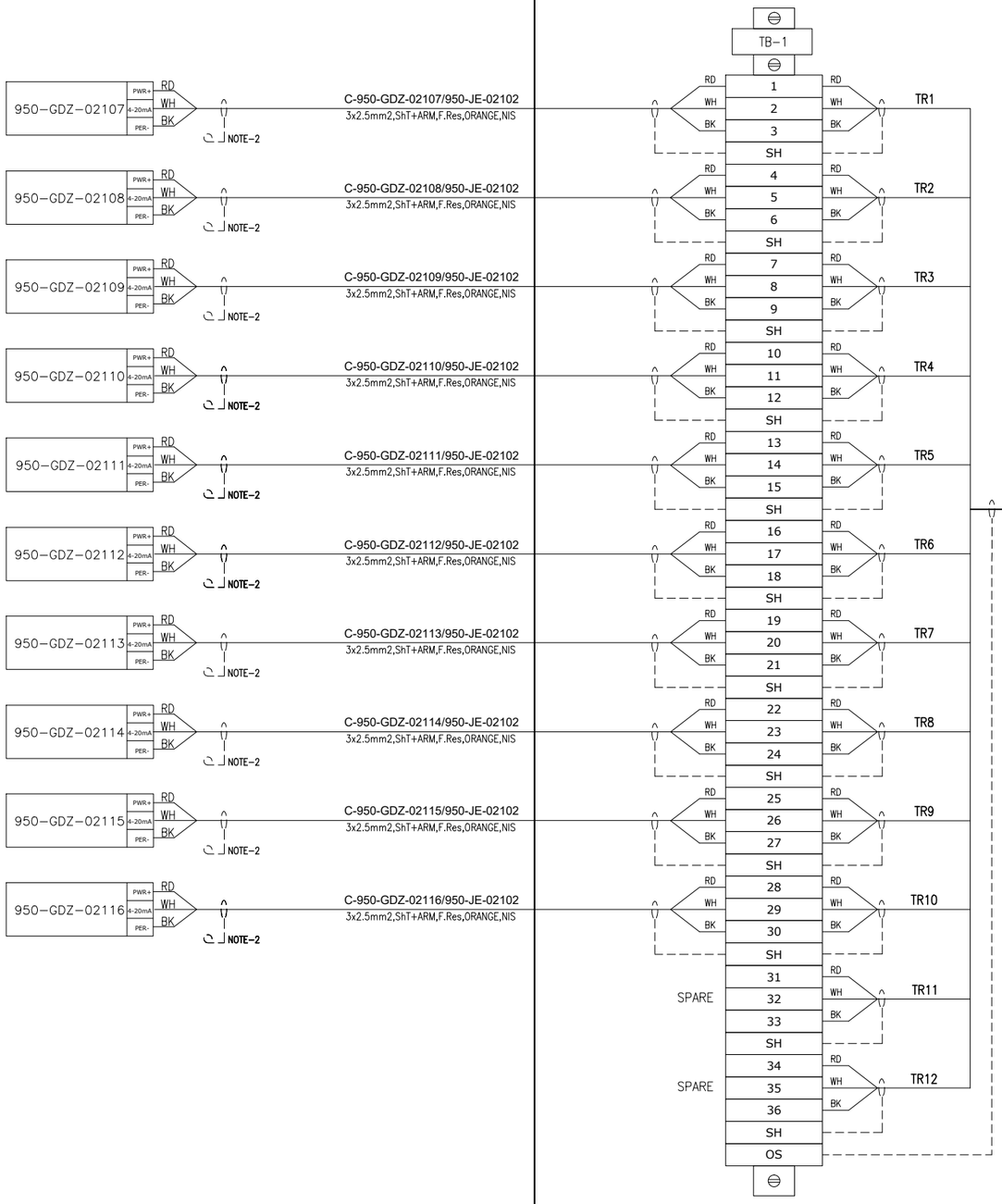
CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 033	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-02102	No.	MARSHALLING CABINET B400-FGS-003



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–02102

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

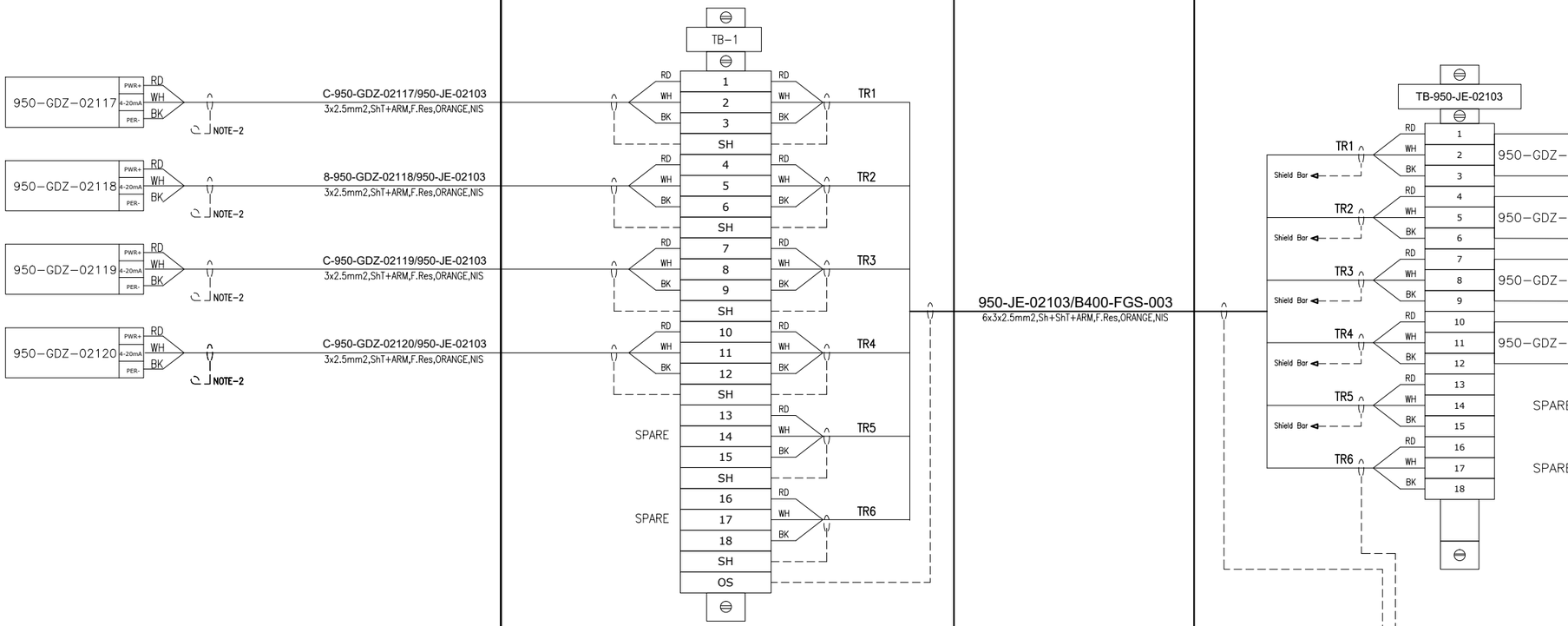
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File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-02103	No.	MARSHALLING CABINET B400-FGS-003



CROSSWIND

ROSETTI MARINO

TITLE :

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 035	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD

INSTRUMENTS

INSTRUMENTS		JUNCTION BOX 950-JE-03101	MULTICABLE No.	I&T EQUIPMENT ROOM (ITER) MARSHALLING CABINET B400-FGS-003
950-GDZ-03101 (PWR+ RD, 4-20mA WH, PER- BK) NOTE-2	C-950-GDZ-03101/950-JE-03101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	TB-1: 1 RD, 2 WH, 3 BK, SH → TR1	950-JE-03101/B400-FGS-003 12x3x2.5mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS	TB-950-JE-03101: TR1 RD 1, WH 2, BK 3, Shield Bar → 950-GDZ-03101
950-GDZ-03102 (PWR+ RD, 4-20mA WH, PER- BK) NOTE-2	C-950-GDZ-03102/950-JE-03101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	4 RD, 5 WH, 6 BK, SH → TR2		TR2 RD 4, WH 5, BK 6, Shield Bar → 950-GDZ-03102
950-GDZ-03103 (PWR+ RD, 4-20mA WH, PER- BK) NOTE-2	C-950-GDZ-03103/950-JE-03101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	7 RD, 8 WH, 9 BK, SH → TR3		TR3 RD 7, WH 8, BK 9, Shield Bar → 950-GDZ-03103
950-GDZ-03104 (PWR+ RD, 4-20mA WH, PER- BK) NOTE-2	C-950-GDZ-03104/950-JE-03101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	10 RD, 11 WH, 12 BK, SH → TR4		TR4 RD 10, WH 11, BK 12, Shield Bar → 950-GDZ-03104
950-GDZ-03105 (PWR+ RD, 4-20mA WH, PER- BK) NOTE-2	C-950-GDZ-03105/950-JE-03101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	13 RD, 14 WH, 15 BK, SH → TR5		TR5 RD 13, WH 14, BK 15, Shield Bar → 950-GDZ-03105
950-GDZ-03107 (PWR+ RD, 4-20mA WH, PER- BK) NOTE-2	C-950-GDZ-03107/950-JE-03101 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	16 RD, 17 WH, 18 BK, SH → TR6		TR6 RD 16, WH 17, BK 18, Shield Bar → 950-GDZ-03107
950-GDZ-03108 (PWR+ RD, 4-20mA WH, PER- BK) NOTE-2	C-950-GDZ-03108/950-JE-031001 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	19 RD, 20 WH, 21 BK, SH → TR7		TR7 RD 19, WH 20, BK 21, Shield Bar → 950-GDZ-03108
950-GDZ-03109 (PWR+ RD, 4-20mA WH, PER- BK) NOTE-2	C-950-GDZ-03109/950-JE-031001 3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	22 RD, 23 WH, 24 BK, SH → TR8		TR8 RD 22, WH 23, BK 24, Shield Bar → 950-GDZ-03109
		SPARE 25 RD, 26 WH, 27 BK, SH → TR9		TR9 RD 25, WH 26, BK 27, Shield Bar → SPARE
		SPARE 28 RD, 29 WH, 30 BK, SH → TR10		TR10 RD 28, WH 29, BK 30, Shield Bar → SPARE
		SPARE 31 RD, 32 WH, 33 BK, SH → TR11		TR11 RD 31, WH 32, BK 33, Shield Bar → SPARE
		SPARE 34 RD, 35 WH, 36 BK, 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–03101

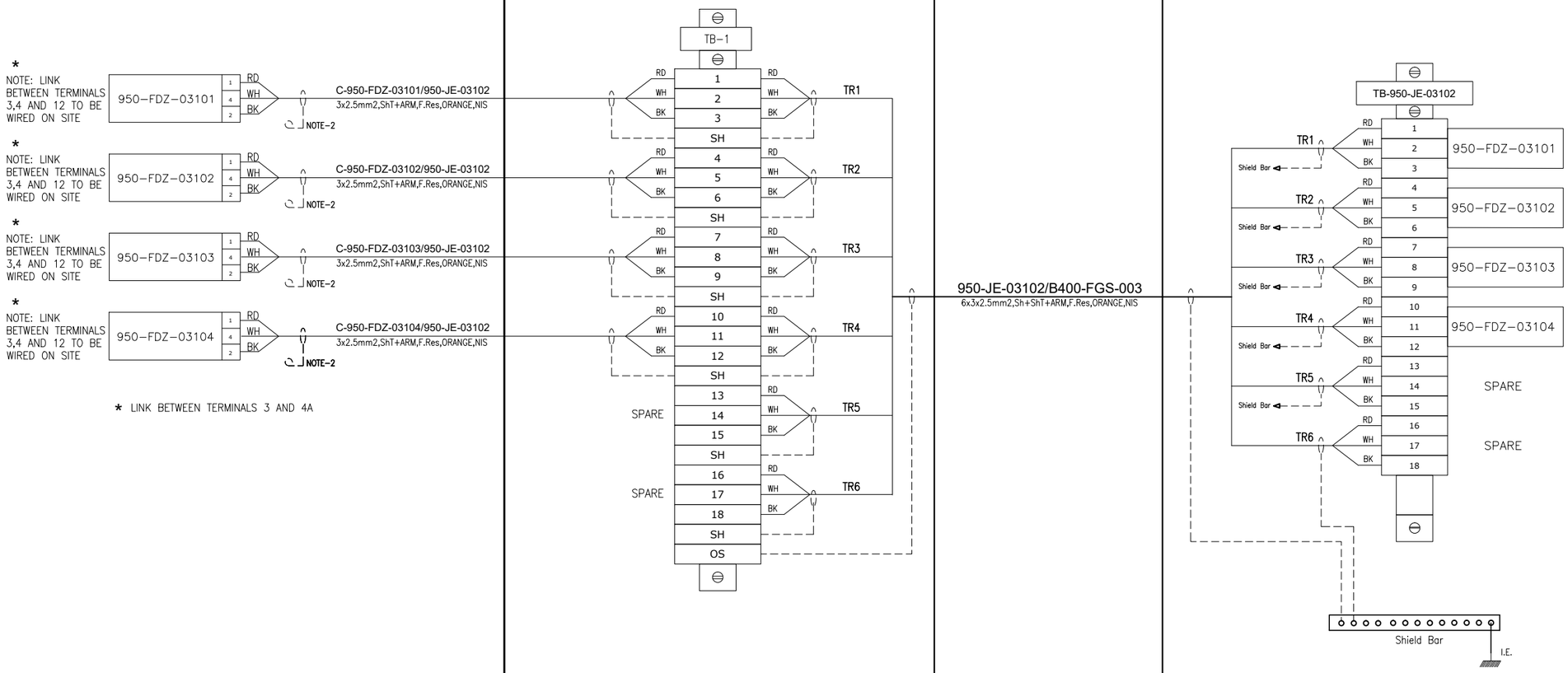
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File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-03102	No.	MARSHALLING CABINET B400-FGS-003



CROSSWIND

ROSETTI MARINO

TITLE :

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

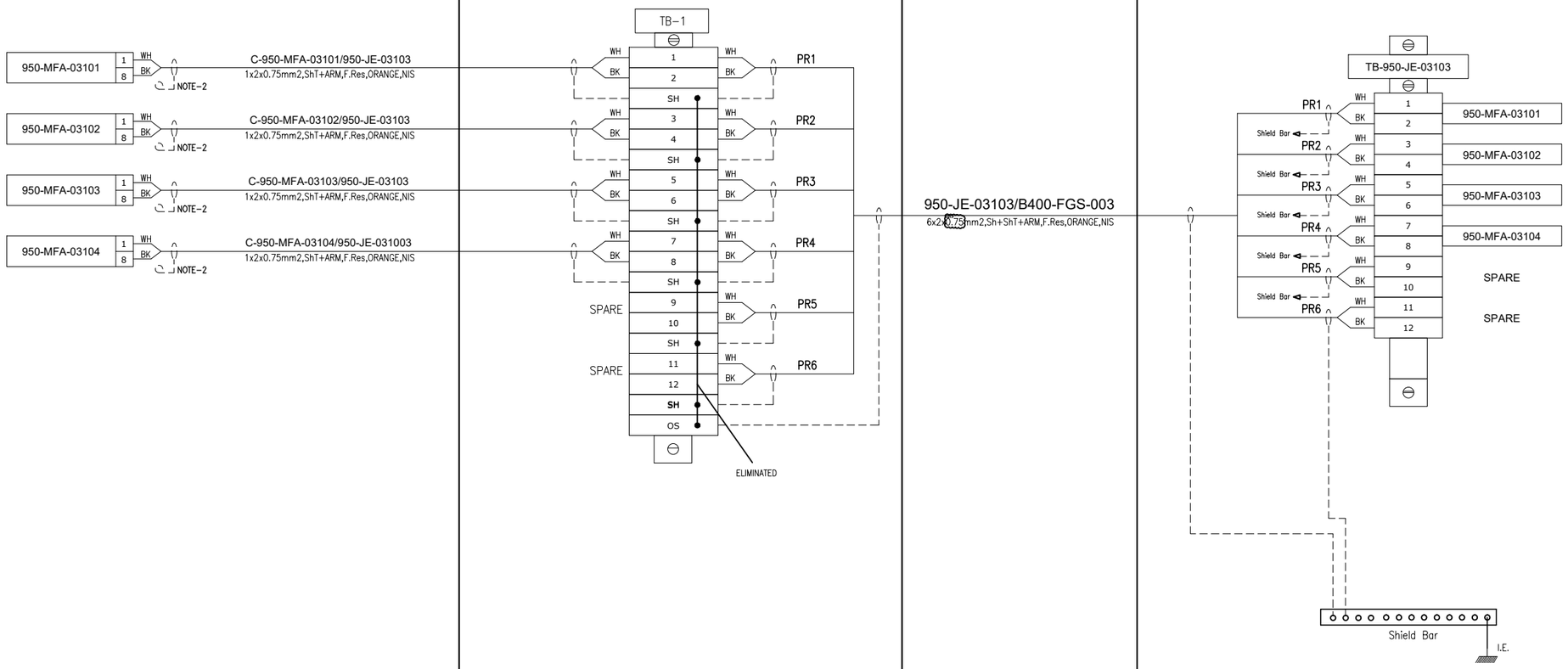
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File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-03103	No.	MARSHALLING CABINET B400-FGS-003



CROSSWIND

ROSETTI MARINO

TITLE :

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

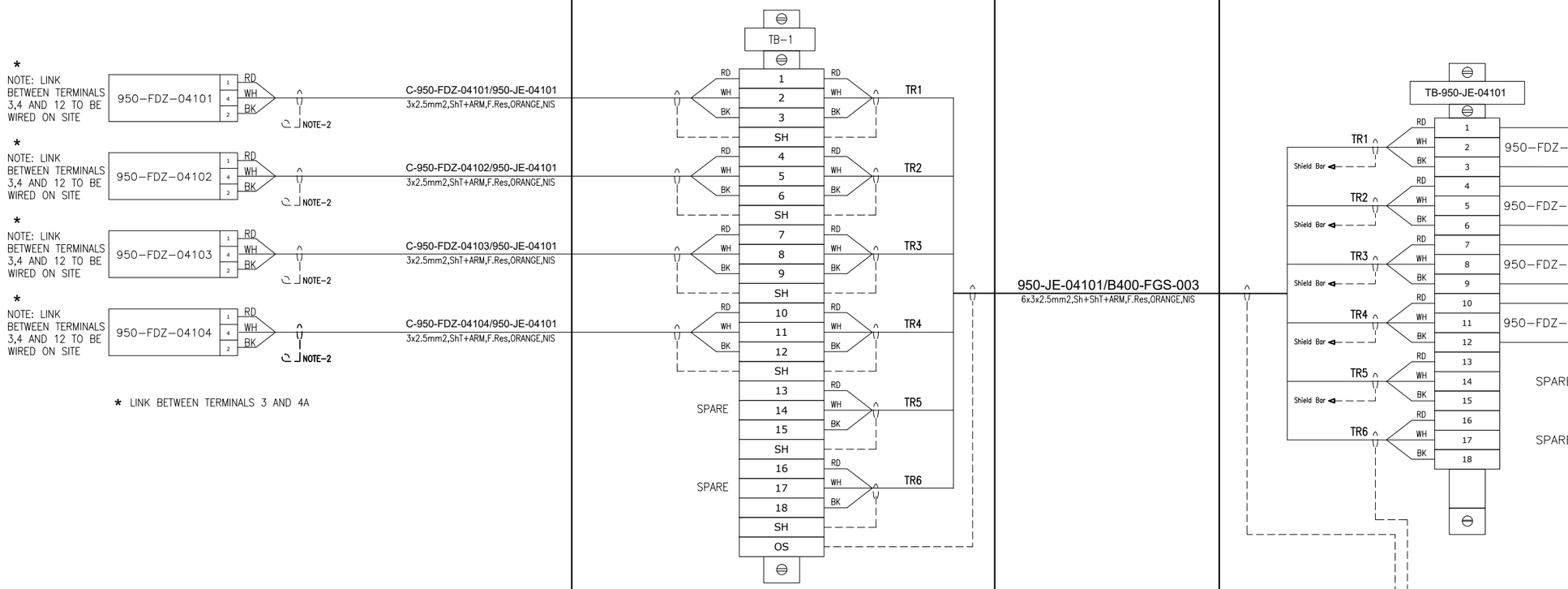
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 038	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-04101	No.	MARSHALLING CABINET B400-FGS-003



CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–04101

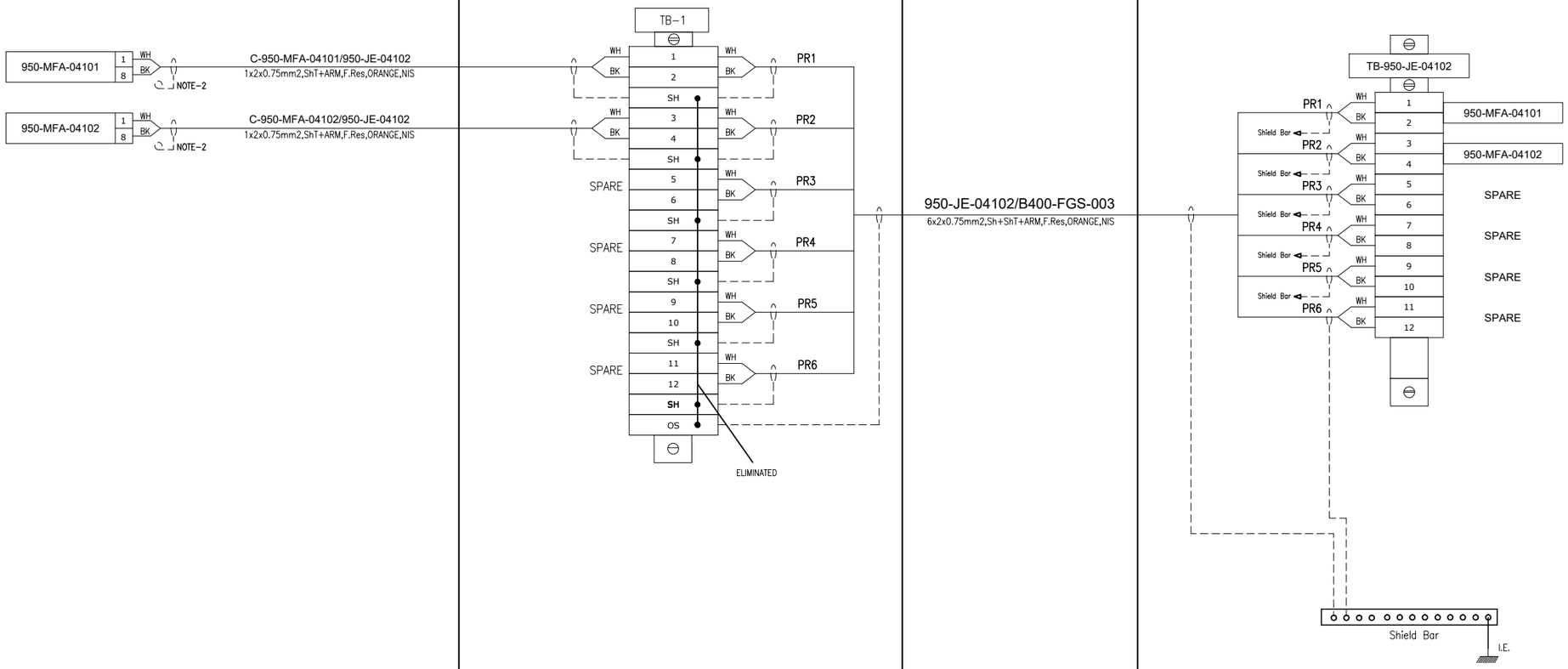
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DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
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File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-04102	No.	MARSHALLING CABINET B400-FGS-003



CROSSWIND

ROSETTI MARINO

TITLE :

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
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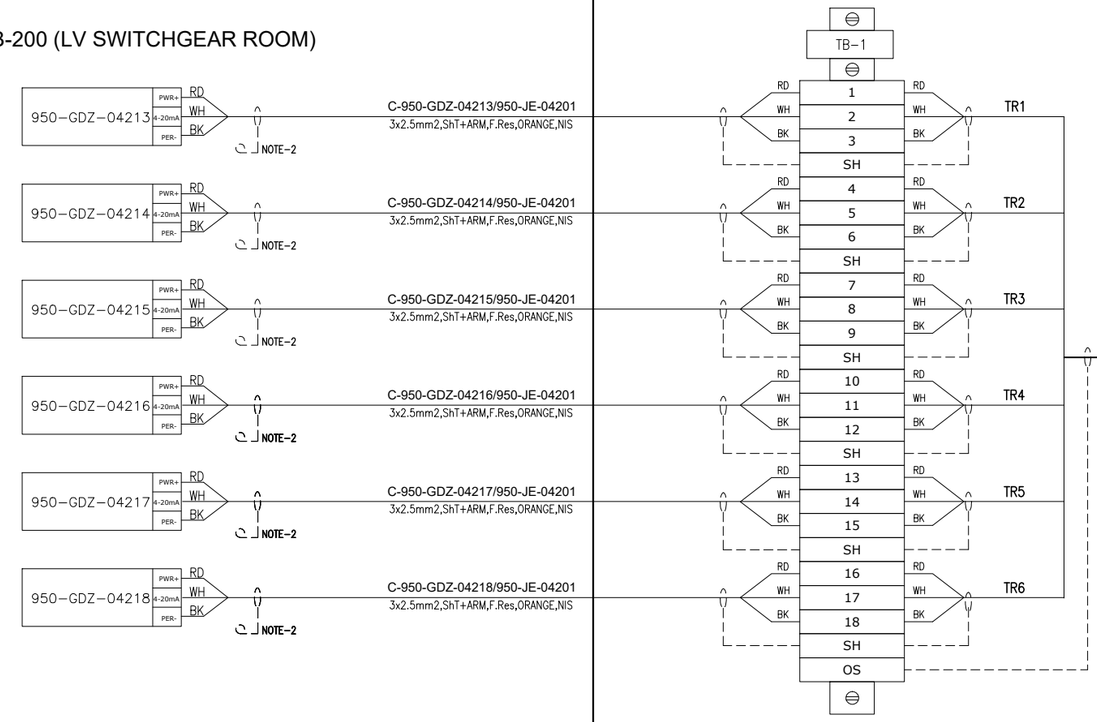
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DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-04201	No.	MARSHALLING CABINET B400-FGS-003

B-200 (LV SWITCHGEAR ROOM)



CROSSWIND

ROSETTI MARINO

TITLE :

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 041	REV. 02

File Name : 123A90–DDL–IN–DG–40016_Rev.02

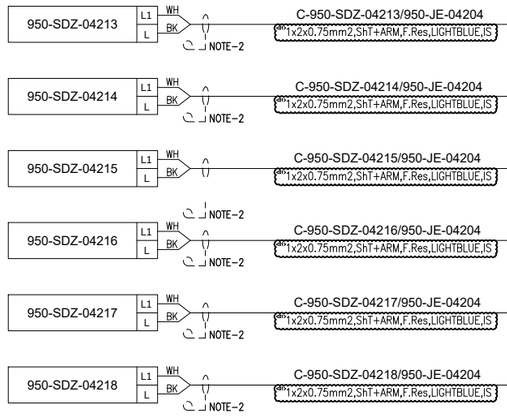
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REV. 02

FIELD

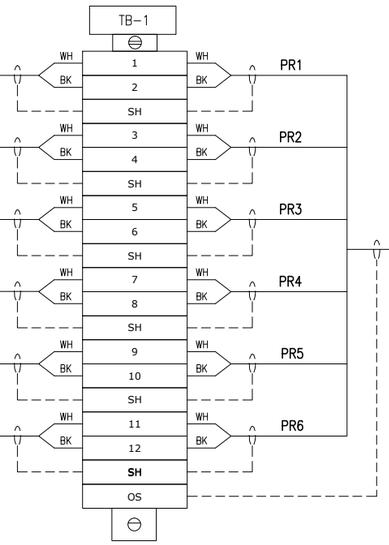
INSTRUMENTS

B-200 (LV SWITCHGEAR ROOM)



JUNCTION BOX

950-JE-04204



MULTICABLE

No.

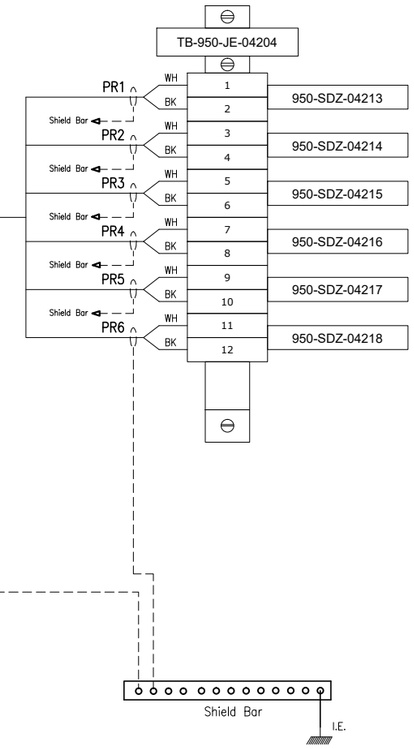
950-JE-04204/B400-FGS-003

6x2x0.75mm2,Sh+ShT+ARM,F.Res,LIGHTBLUE,IS

I&T EQUIPMENT ROOM (ITER)

MARSHALLING CABINET

B400-FGS-003



CROSSWIND

ROSETTI MARINO

TITLE :

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 042	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD

INSTRUMENTS

B-300 (UPS ROOM)

JUNCTION BOX

950-JE-04205

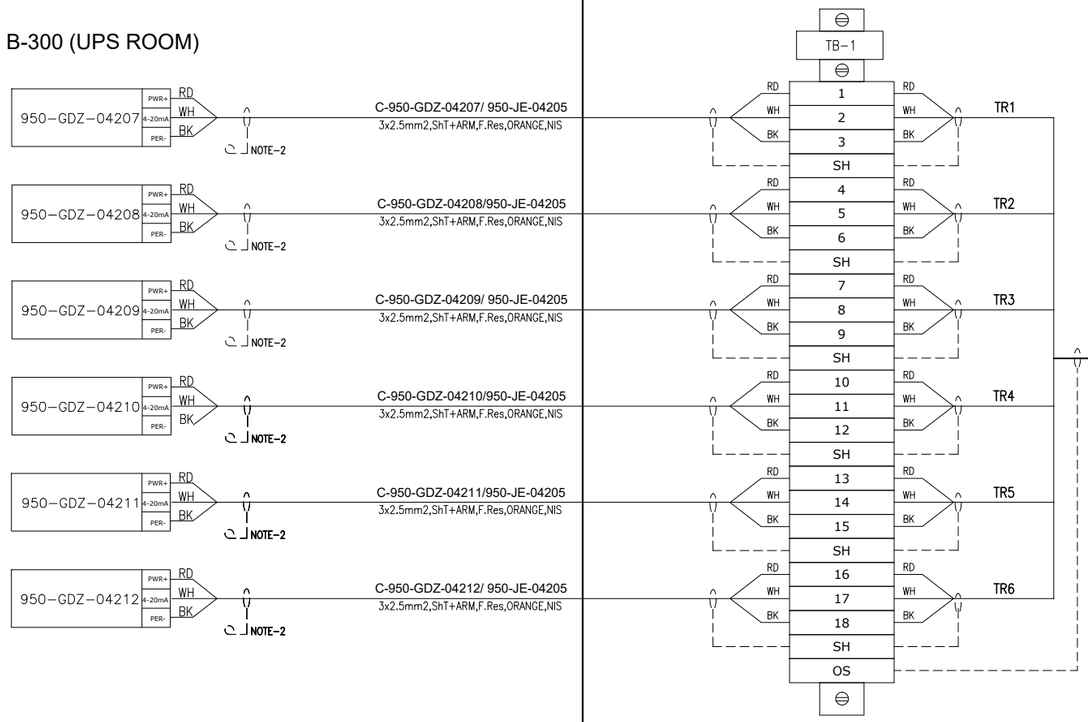
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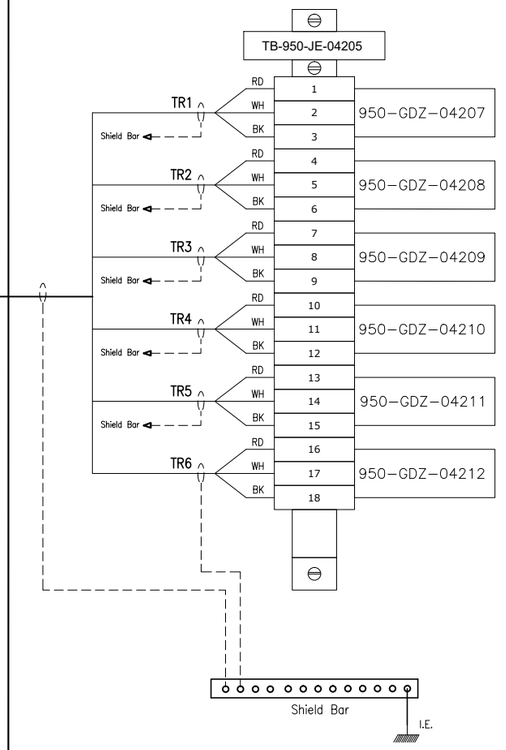
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I&T EQUIPMENT ROOM (ITER)

MARSHALLING CABINET

B400-FGS-003





CROSSWIND

ROSETTI MARINO

TITLE :

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

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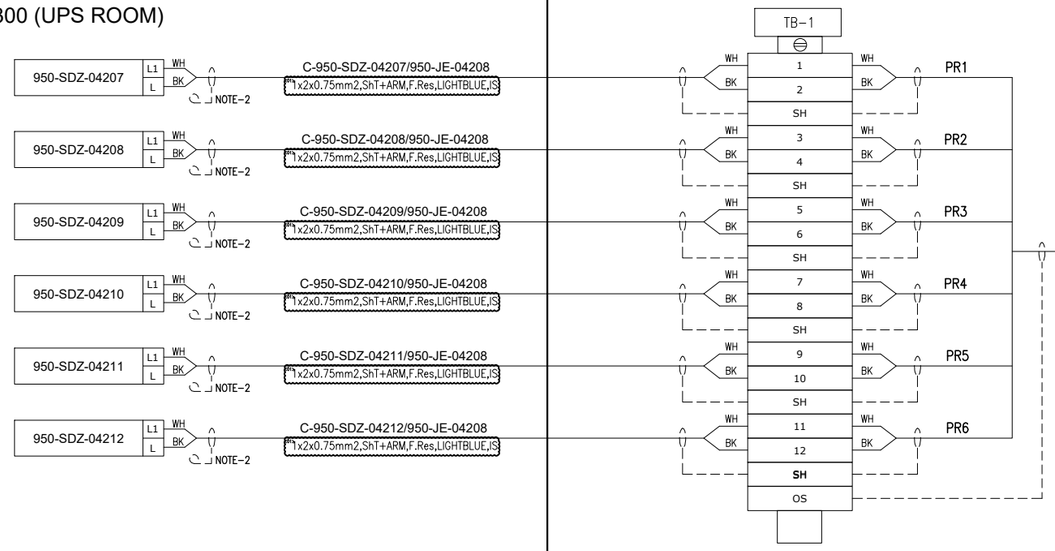
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DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-04208	No.	MARSHALLING CABINET B400-FGS-003

B-300 (UPS ROOM)



CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 044	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD

INSTRUMENTS

* NOTE: LINK BETWEEN TERMINALS 3,4 AND 12 TO BE WIRED ON SITE

950-FDZ-05101	C-950-FDZ-05101/950-JE-05101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2
950-FDZ-05102	C-950-FDZ-05102/950-JE-05101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2
950-FDZ-05103	C-950-FDZ-05103/950-JE-05101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2
950-FDZ-05104	C-950-FDZ-05104/950-JE-05101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2
950-GDZ-05101	C-950-GDZ-05101/950-JE-05101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2
950-GDZ-05102	C-950-GDZ-05102/950-JE-05101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2
950-GDZ-05103	C-950-GDZ-05103/950-JE-05101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2
950-GDZ-05104	C-950-GDZ-05104/950-JE-05101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2
950-GDZ-05105	C-950-GDZ-05105/950-JE-05101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2
950-GDZ-05106	C-950-GDZ-05106/950-JE-05101	3x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS	NOTE-2

* LINK BETWEEN TERMINALS 3 AND 4A

JUNCTION BOX
950-JE-05101

TB-1

1	RD	TR1
2	WH	
3	BK	
SH		
4	RD	TR2
5	WH	
6	BK	
SH		
7	RD	TR3
8	WH	
9	BK	
SH		
10	RD	TR4
11	WH	
12	BK	
SH		
13	RD	TR5
14	WH	
15	BK	
SH		
16	RD	TR6
17	WH	
18	BK	
SH		
19	RD	TR7
20	WH	
21	BK	
SH		
22	RD	TR8
23	WH	
24	BK	
SH		
25	RD	TR9
26	WH	
27	BK	
SH		
28	RD	TR10
29	WH	
30	BK	
SH		
31	RD	TR11
32	WH	
SPARE	BK	
33		
SH		
34	RD	TR12
35	WH	
SPARE	BK	
36		
SH		
OS		

MULTICABLE
No.

950-JE-05101/B400-FGS-003
12x3x2.5mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS

I&T EQUIPMENT ROOM (ITER)

MARSHALLING CABINET
B400-FGS-003

TB-950--JE-05101

1	TR1	950-FDZ-05101
2		
3		
4	TR2	950-FDZ-05102
5		
6		
7	TR3	950-FDZ-05103
8		
9		
10	TR4	950-FDZ-05104
11		
12		
13	TR5	950-GDZ-05101
14		
15		
16	TR6	950-GDZ-05102
17		
18		
19	TR7	950-GDZ-05103
20		
21		
22	TR8	950-GDZ-05104
23		
24		
25	TR9	950-GDZ-05105
26		
27		
28	TR10	950-GDZ-05106 <01>
29		
30		
31	TR11	SPARE
32		
33		
34	TR12	SPARE
35		
36		

Shield Bar

I.E.

Shield Bar

CROSSWIND

ROSETTI MARINO

TITLE :

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

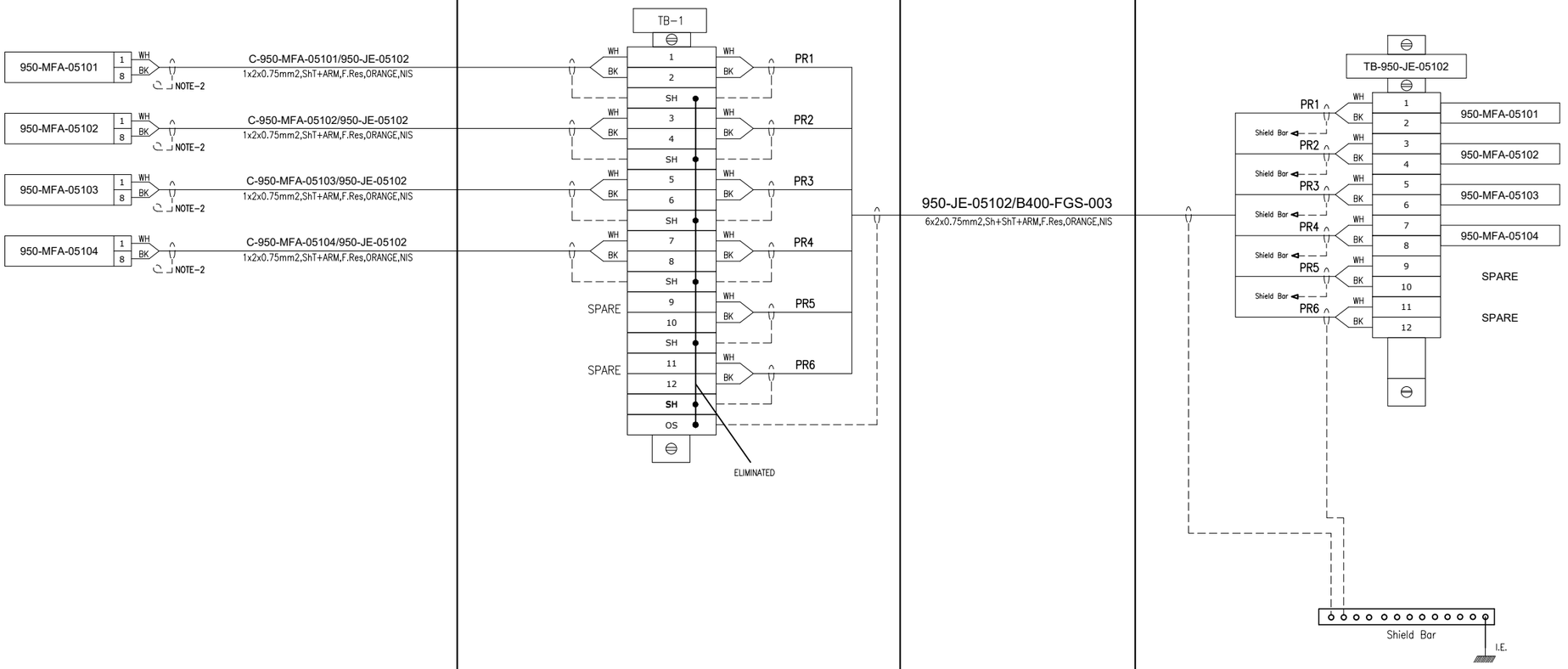
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File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-05102	No.	MARSHALLING CABINET B400-FGS-003



CROSSWIND

ROSETTI MARINO

TITLE :

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

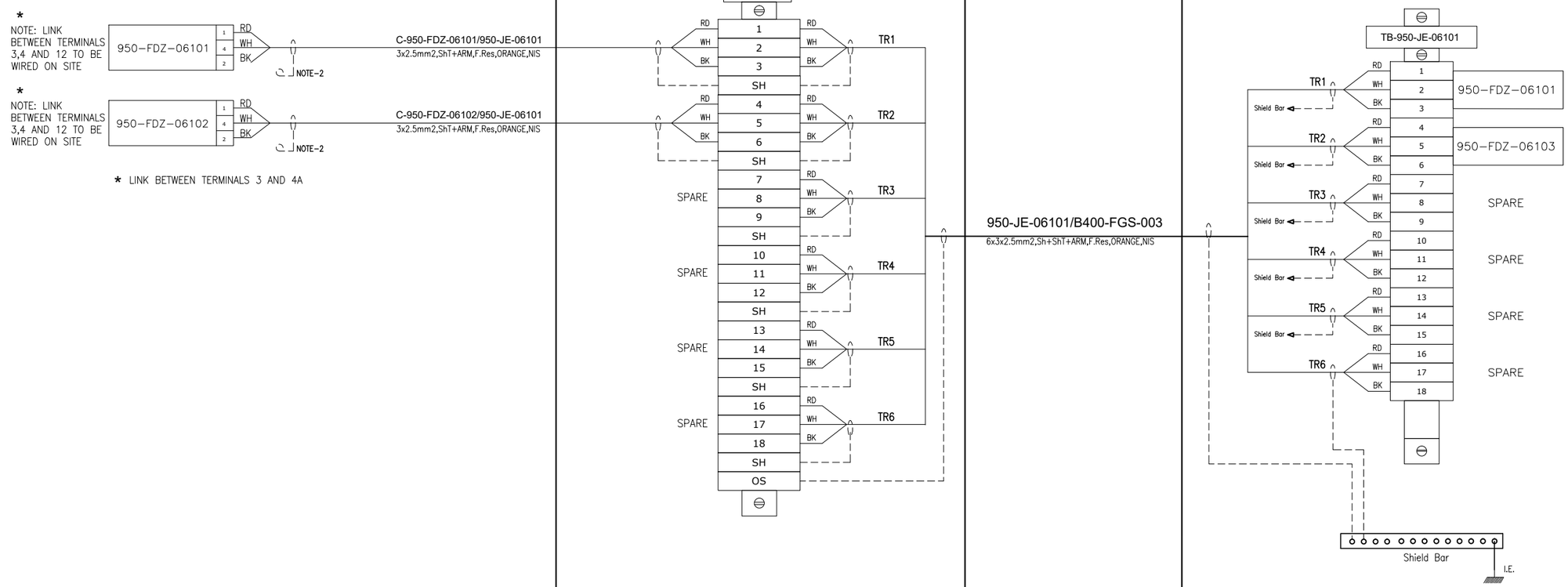
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DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
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File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-06101	No.	MARSHALLING CABINET B400-FGS-003



CROSSWIND

ROSETTI MARINO

TITLE :

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

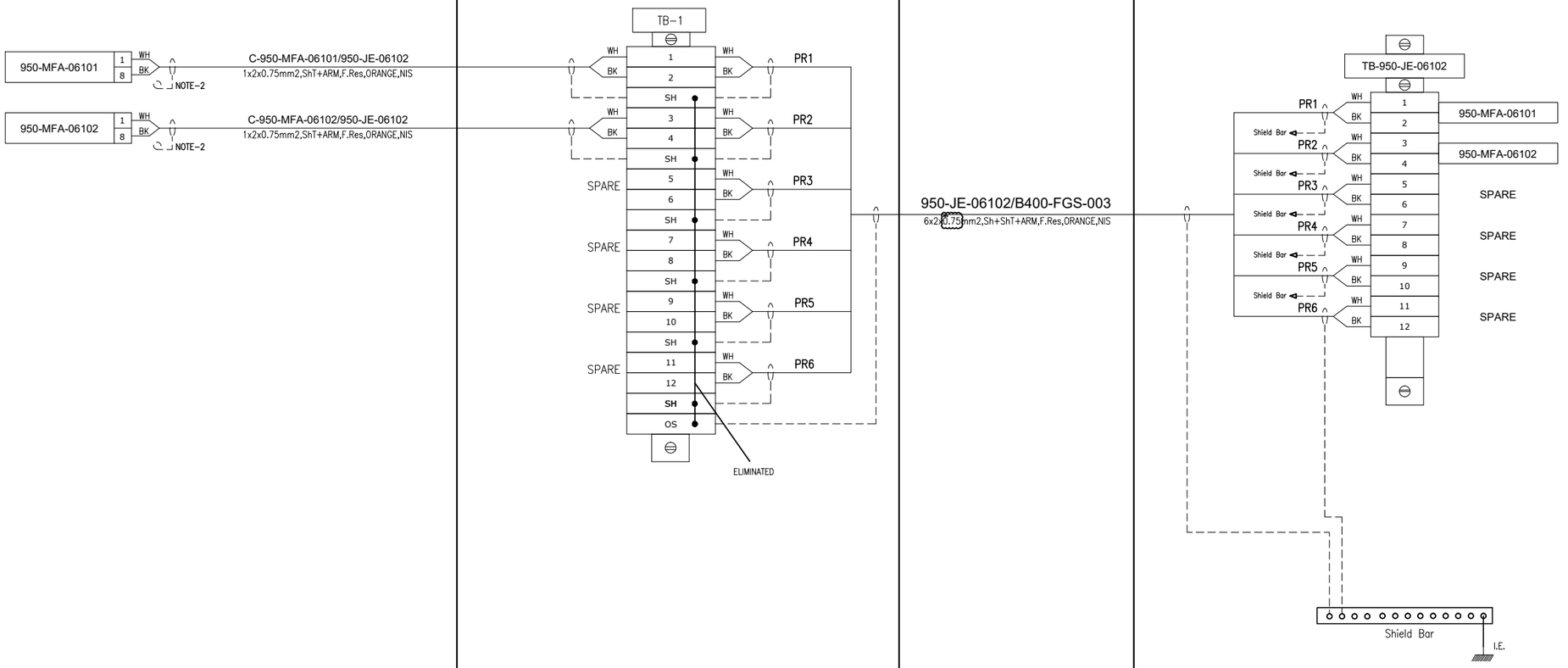
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File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-06102	No.	MARSHALLING CABINET B400-FGS-003



CROSSWIND

ROSETTI MARINO

TITLE :

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
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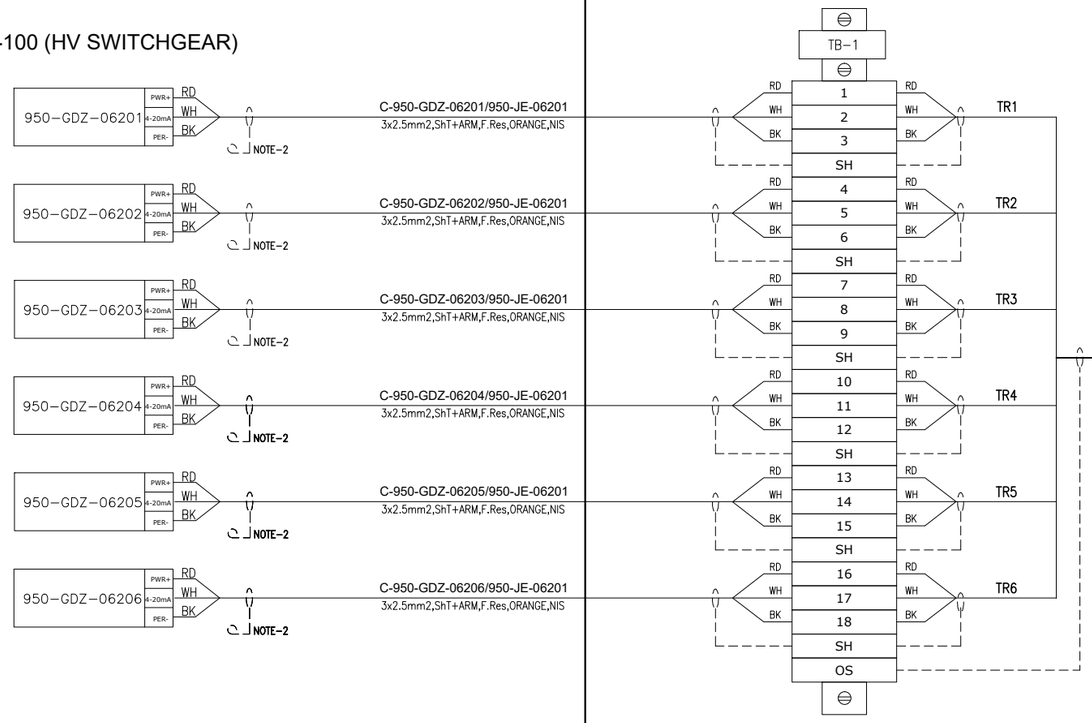
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DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-06201	No.	MARSHALLING CABINET B400-FGS-003

B-100 (HV SWITCHGEAR)



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–06201

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

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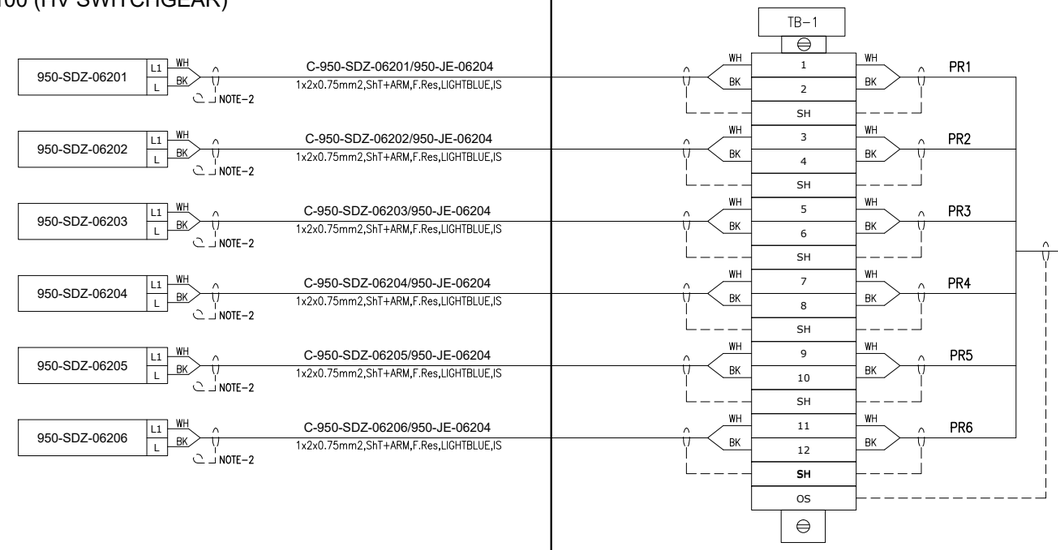
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DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-06204	No.	MARSHALLING CABINET B400-FGS-003

B-100 (HV SWITCHGEAR)



CROSSWIND

ROSETTI MARINO

TITLE :

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

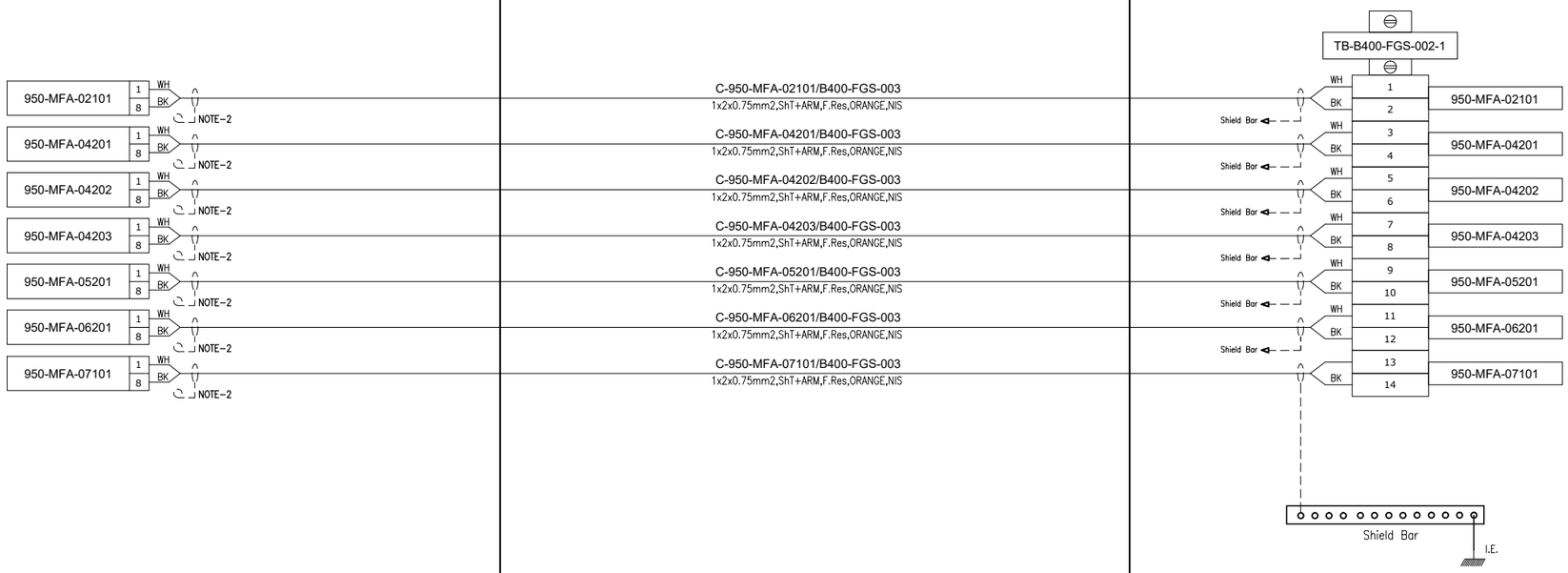
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DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 050	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD		I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	CABLE NO	MARSHALLING CABINET B400-FGS-003



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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 051	REV. 02

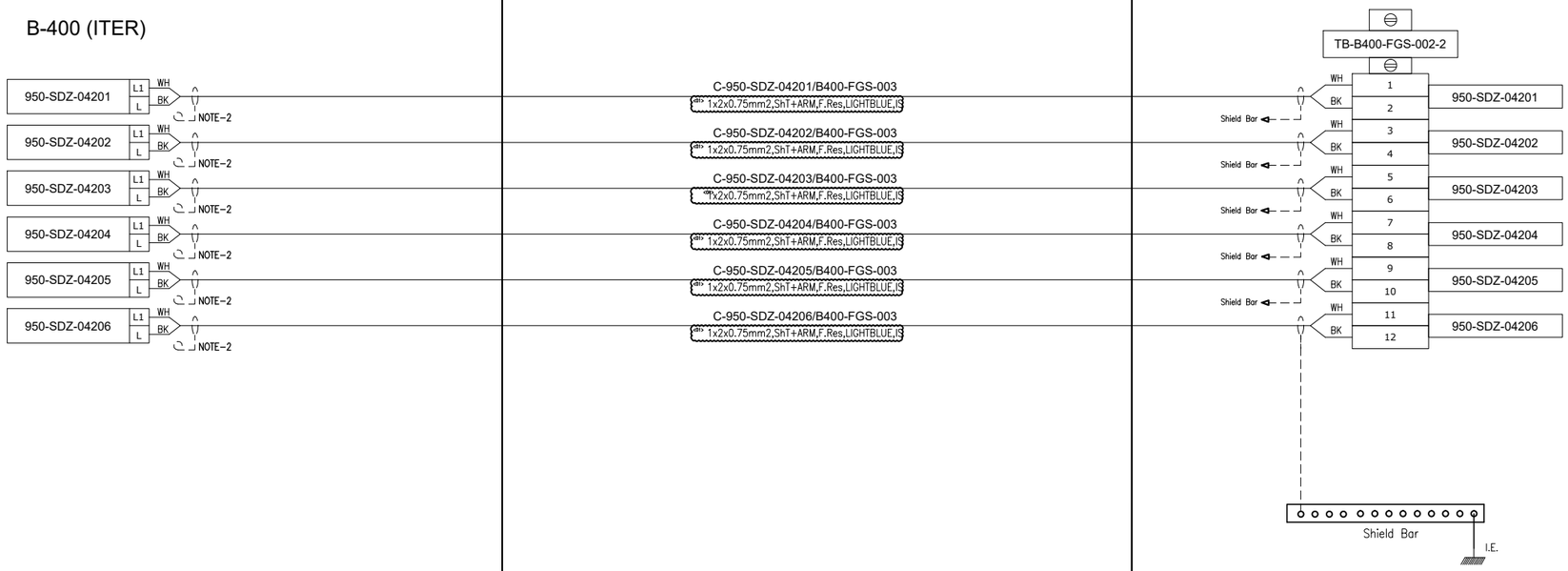
File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

FIELD		I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	CABLE NO	MARSHALLING CABINET B400-FGS-003

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

	DRAWING NO.	SHEET	REV.
A3	123A90-DDL-IN-DG-40016	052	02

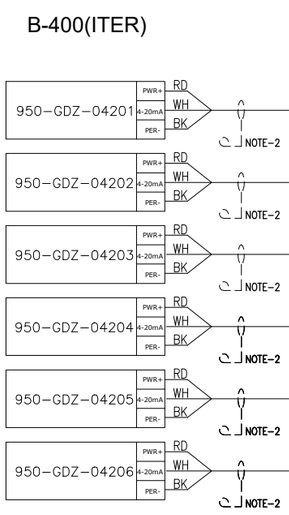
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DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 02

FIELD		I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	CABLE NO	MARSHALLING CABINET B400-FGS-003

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

	DRAWING NO.	SHEET	REV.
A3	123A90-DDL-IN-DG-40016	053	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

SPARE PAGE

CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	054	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

SPARE PAGE

CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 055	REV. 02

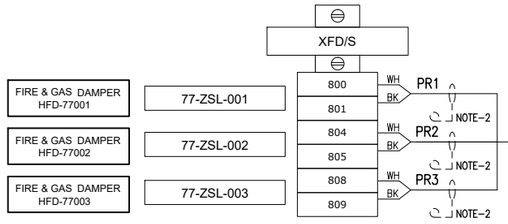
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DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 02

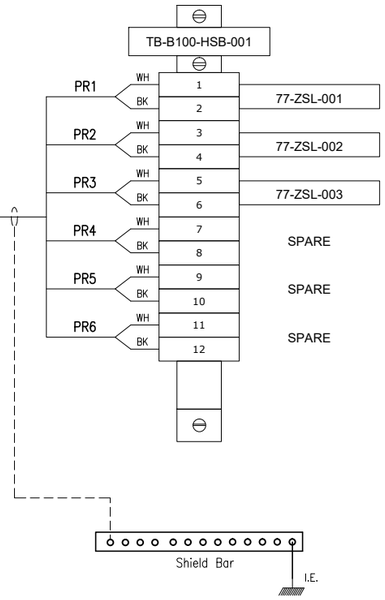
FIELD	MULTICABLE	I&T EQUIPMENT ROOM (ITER)
B-100 HV SWITCH GEAR ROOM	No.	MARSHALLING CABINET B400-FGS-003

HVAC Panel B100-HSB-001



B100-HSB-001/B400-FGS-003

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 056	REV. 02

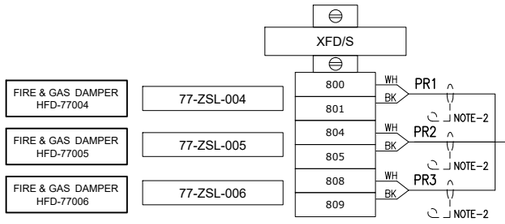
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DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 02

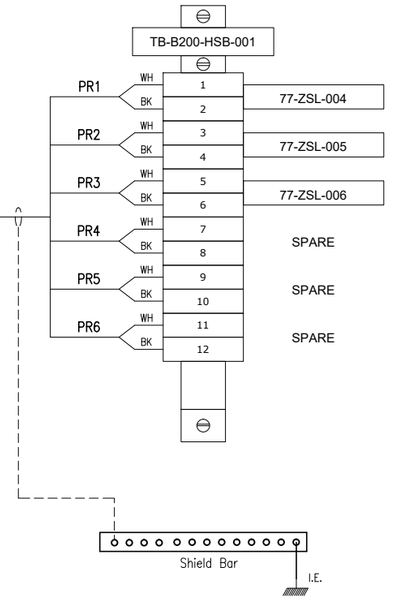
FIELD	MULTICABLE	I&T EQUIPMENT ROOM (ITER)
B-200 LV SWITCH GEAR ROOM	No.	MARSHALLING CABINET B400-FGS-003

HVAC Panel B200-HSB-001



B200-HSB-001/B400-FGS-003

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 057	REV. 02

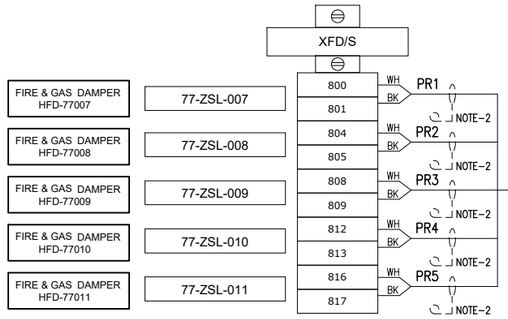
File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

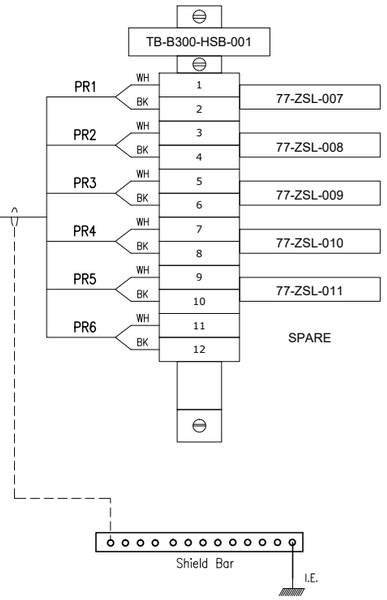
FIELD	MULTICABLE	I&T EQUIPMENT ROOM (ITER)
B-300 UPS ROOM	No.	MARSHALLING CABINET B400-FGS-003

HVAC Panel B300-HSB-001



B300-HSB-001/B400-FGS-003

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90-DDL-IN-DG-40016	SHEET 058	REV. 02

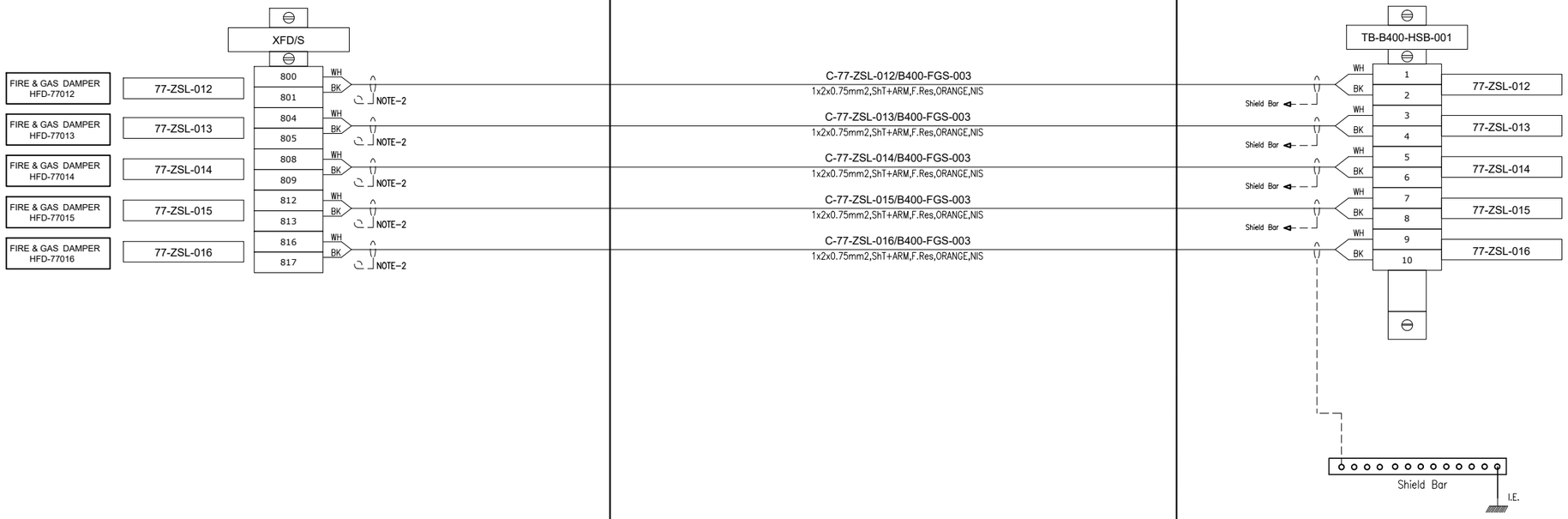
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DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 02

FIELD		I&T EQUIPMENT ROOM (ITER)
B-400 - ITER	CABLE NO	MARSHALLING CABINET B400-FGS-003
		OK

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

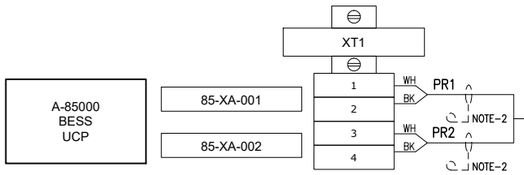
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 059	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

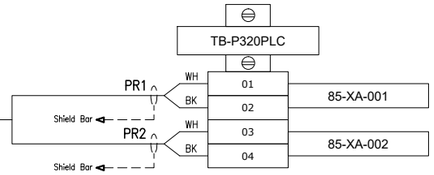
DRAWING NO. 123A90-DDL-IN-DG-40016

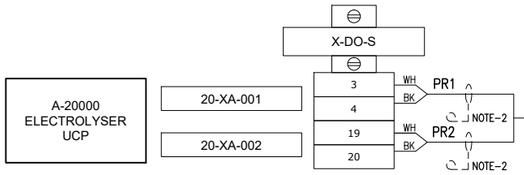
REV. 02

FIELD		I&T EQUIPMENT ROOM (ITER)
PACKAGE	CABLE NO	MARSHALLING CABINET B400-FGS-003

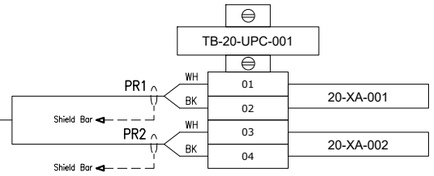


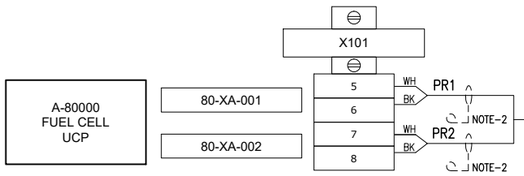
P320PLC/B400-FGS-003
2x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS



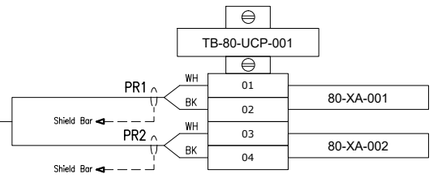


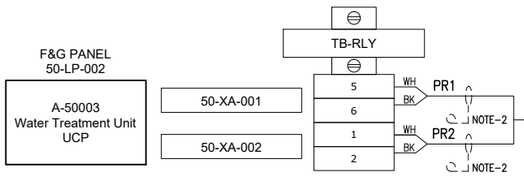
20-UCP-001/B400-FGS-003
2x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS



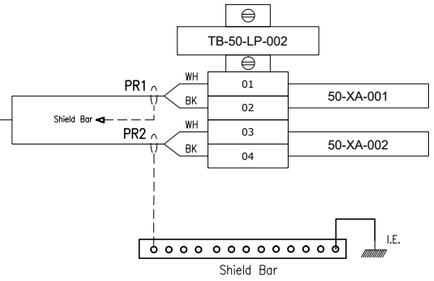


80-UCP-001/B400-FGS-003
2x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS





50-LP-002/B400-FGS-003
2x2x0.75mm2,Sh+ShT+ARM,F.Res,ORANGE,NIS



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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	060	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

SPARE PAGE

CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

	DRAWING NO.	SHEET	REV.
A3	123A90-DDL-IN-DG-40016	061	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

SPARE PAGE

CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

	DRAWING NO.	SHEET	REV.
A3	123A90-DDL-IN-DG-40016	062	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

SPARE PAGE

CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

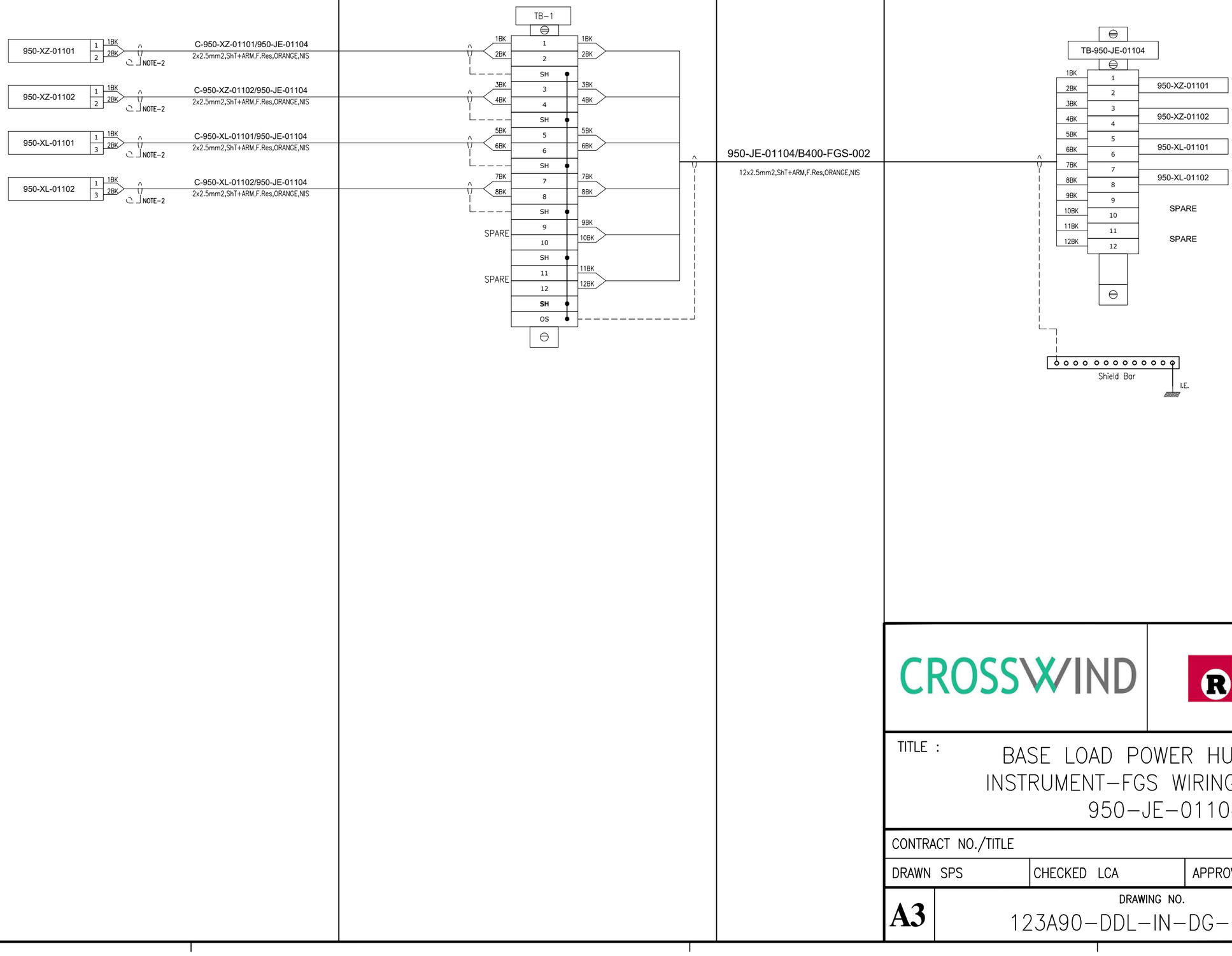
	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	063	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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



CROSSWIND

ROSETTI MARINO

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

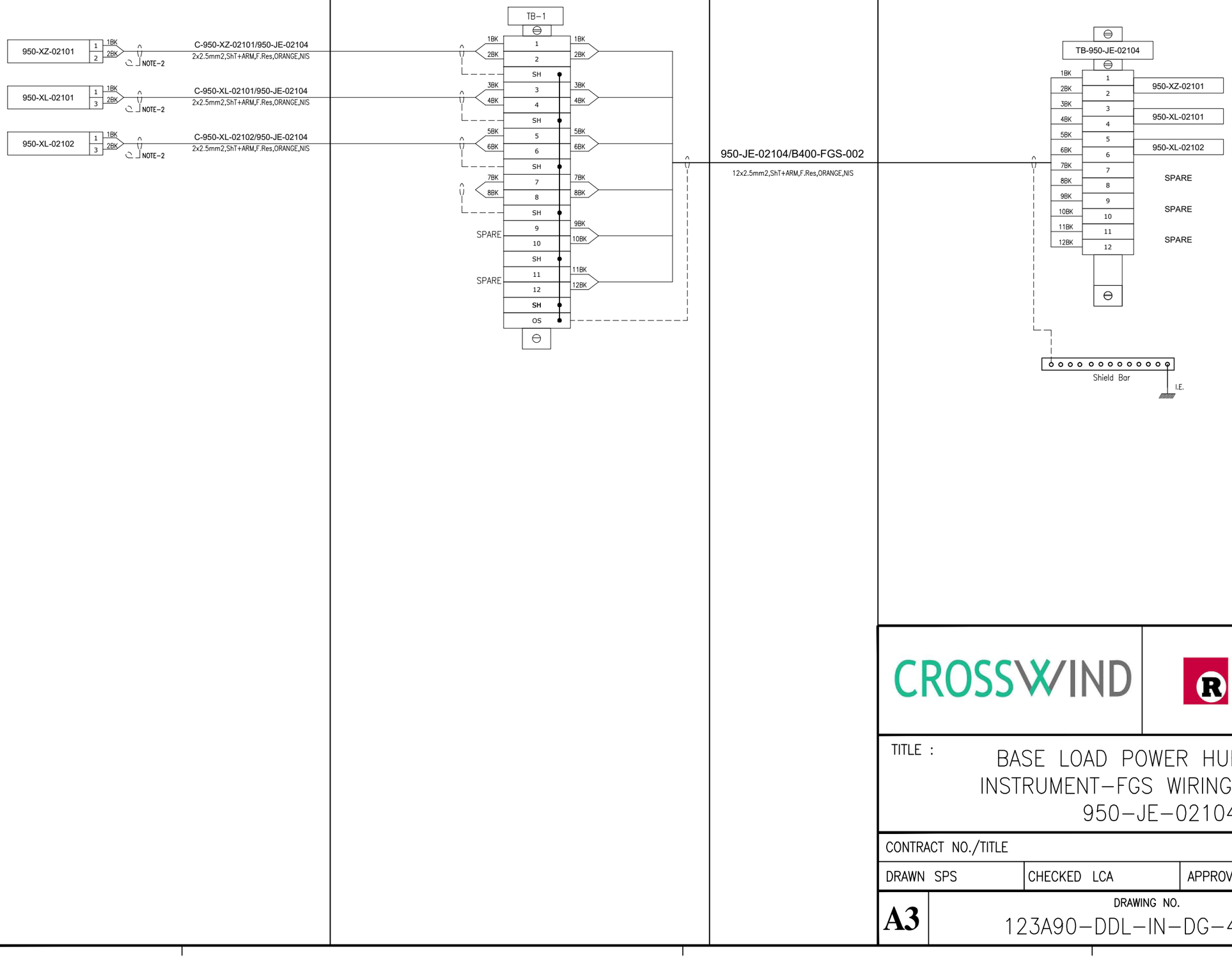
CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 064	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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



CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
INSTRUMENT–FGS WIRING DIAGRAMS
950–JE–02104

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

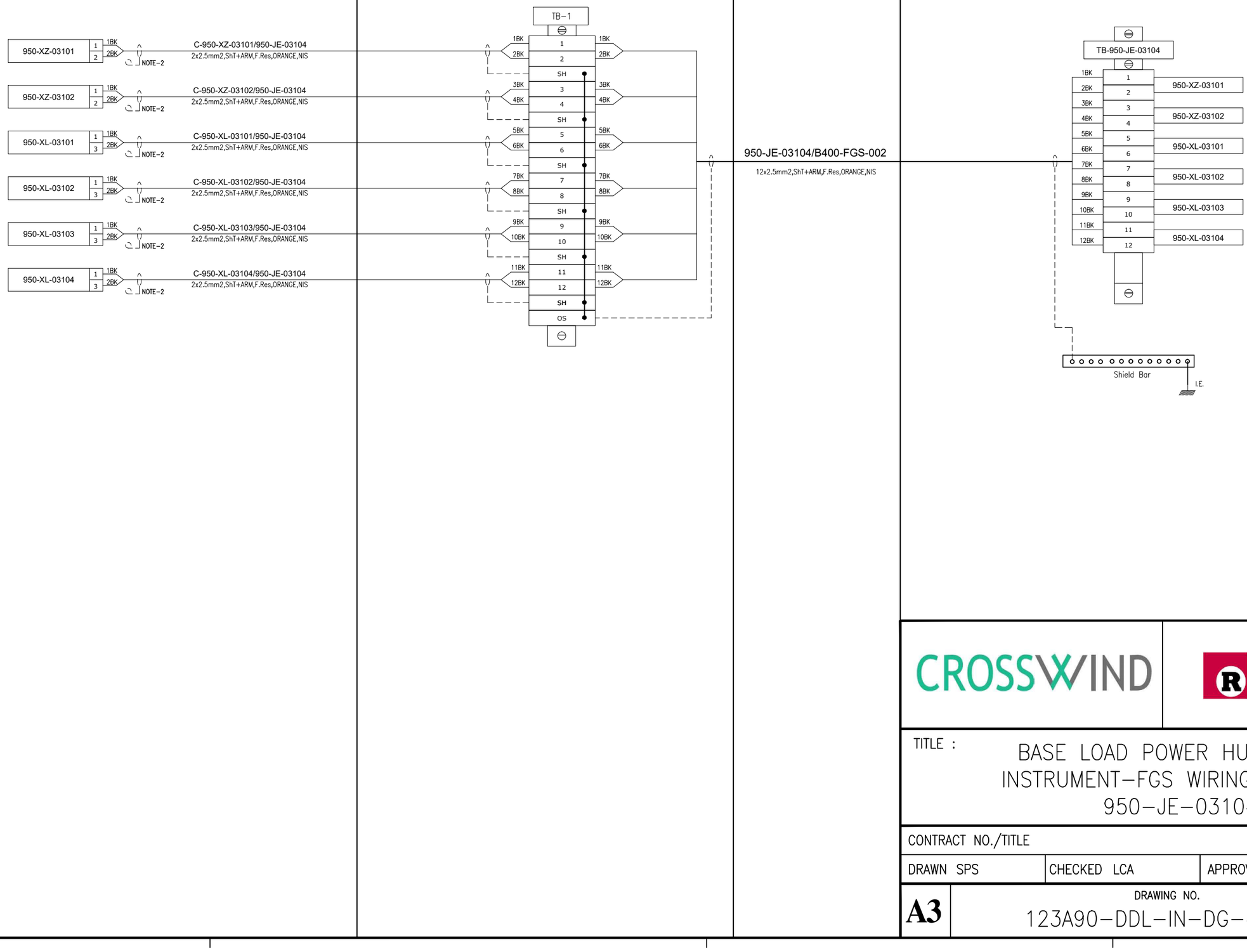
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 065	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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



CROSSWIND

ROSETTI MARINO

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

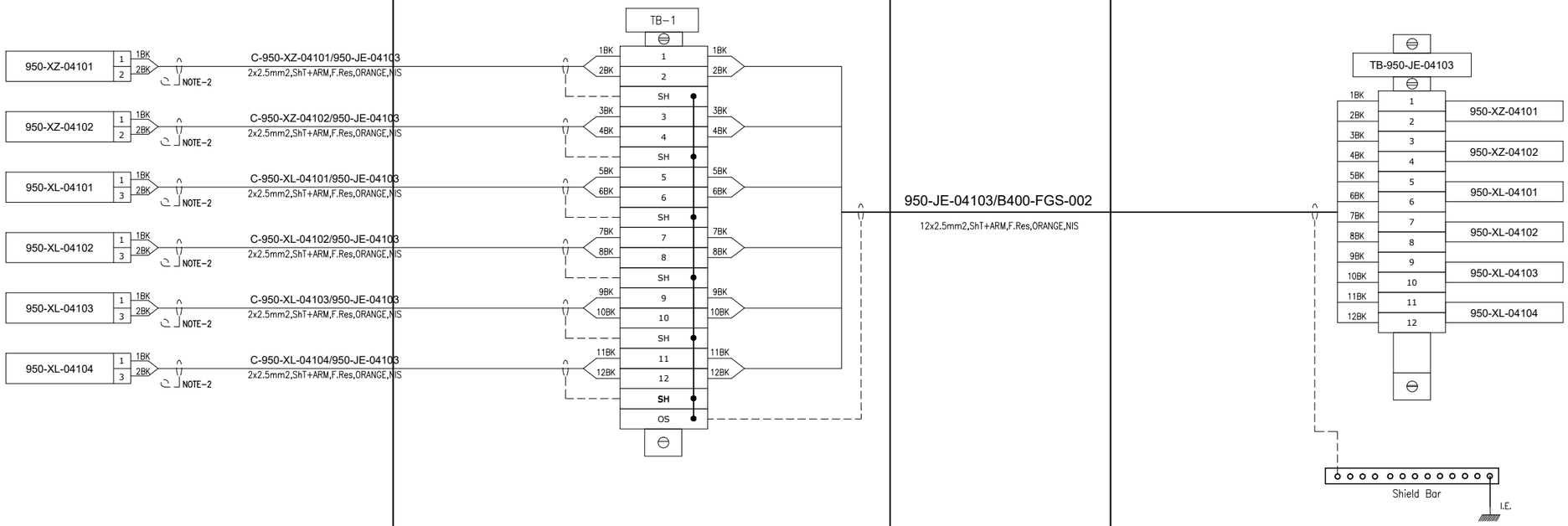
CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 066	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 067	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

DRAWING NO. 123-A90-DDL-IN-DG-40016 | REV. 02

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

950-XZ-04203 (1, 2) — 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 (1, 2) — 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 (1, 3) — 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
2BK 2
3BK 3 — 950-XL-04205
4BK 4
5BK 5 — 950-XL-04206
6BK 6
7BK 7 — 77-HY-004
8BK 8
9BK 9 — 77-HY-005
10BK 10
11BK 11 — 77-HY-006
12BK 12
Shield Bar — I.E.

B-200 OUTDOOR
1BK 12 / 2BK 22 — 77-HS-004B — 1BK 11 / 2BK 21 — NOTE-2
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-004A/77-HS-004B
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77004

B-200 INDOOR
77-HY-004 (1, 2) — 1BK / 2BK — NOTE-2
C-77-HY-004/77-HS-004A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
NOTE-2
1BK 12 / 2BK 22 — 77-HS-004A — 1BK 11 / 2BK 21 — NOTE-2

B-200 OUTDOOR
1BK 12 / 2BK 22 — 77-HS-005B — 1BK 11 / 2BK 21 — NOTE-2
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-005A/77-HS-005B
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77005

B-200 INDOOR
77-HY-005 (1, 2) — 1BK / 2BK — NOTE-2
C-77-HY-00577-HS-005A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
NOTE-2
1BK 12 / 2BK 22 — 77-HS-005A — 1BK 11 / 2BK 21 — NOTE-2

B-200 OUTDOOR
1BK 12 / 2BK 22 — 77-HS-006B — 1BK 11 / 2BK 21 — NOTE-2
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-006A/77-HS-006B
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

FIRE & GAS DAMPER HFD-77006

B-200 INDOOR
77-HY-006 (1, 2) — 1BK / 2BK — NOTE-2
C-77-HY-006/77-HS-006A
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS
NOTE-2
1BK 12 / 2BK 22 — 77-HS-006A — 1BK 11 / 2BK 21 — 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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 068	REV. 02

File Name : 123A90–DDL–IN–DG–40016_Rev.02

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

REV. 02

FIELD		MULTICABLE	I&T EQUIPMENT ROOM (ITER)
INSTRUMENTS	JUNCTION BOX 950-JE-04207	No.	MARSHALLING CABINET B400-FGS-002

B-300 UPS Room

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

950-XL-04203 (1, 3) — NOTE-2 — C-950-XL-04203/950-JE-04207 — 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

950-XL-04204 (1, 3) — NOTE-2 — C-950-XL-04204/950-JE-04207 — 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

B-300 OUTDOOR

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

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

FIRE & GAS DAMPER HFD-77007

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

B-300 OUTDOOR — B-300 INDOOR

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

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

FIRE & GAS DAMPER HFD-77008

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

B-300 OUTDOOR — B-300 INDOOR

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

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

FIRE & GAS DAMPER HFD-77009

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

B-300 OUTDOOR — B-300 INDOOR

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

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

FIRE & GAS DAMPER HFD-77010

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

B-300 OUTDOOR — B-300 INDOOR

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

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

FIRE & GAS DAMPER HFD-77011

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

TB-1

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

950-JE-04207/B400-FGS-002

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

TB-950-JE-04207

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

Shield Bar — I.E.

CROSSWIND

ROSETTI MARINO

TITLE :

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

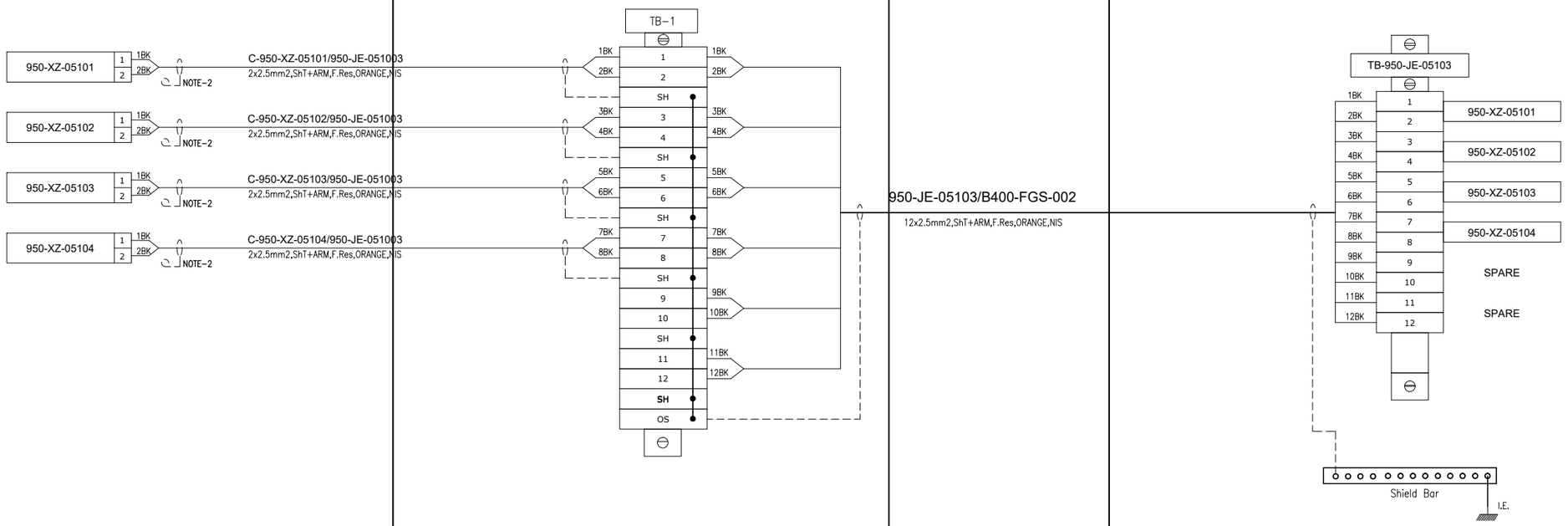
CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 069	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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



CROSSWIND

ROSETTI MARINO

TITLE :

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 070	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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

Water Treatment Package

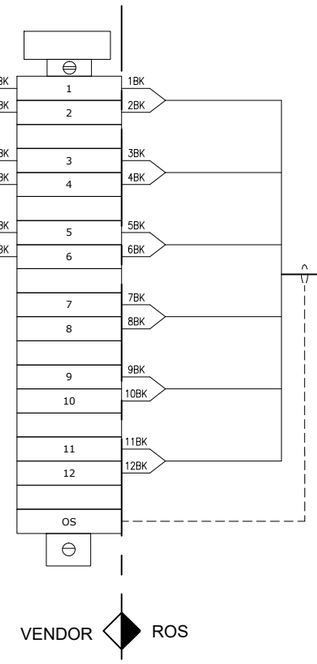
CONNECTION BY VENDOR

(*) 950-XZ-05201 (+ 1BK, - 2BK)

(*) 950-XL-05201 (+ 1BK, - 2BK)

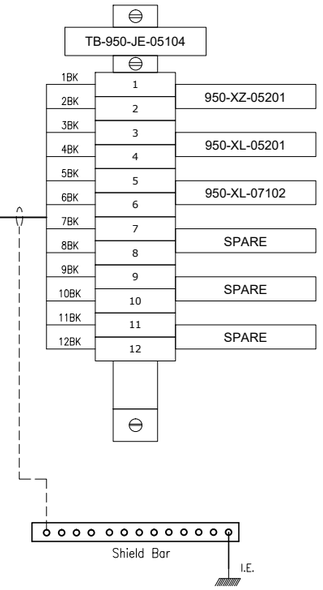
(*) 950-XL-05202 (+ 1BK, - 2BK)

SEE ALSO VENDOR DOC.
1724000448-EL-DG-00015



950-JE-05104/B400-FGS-002

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



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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

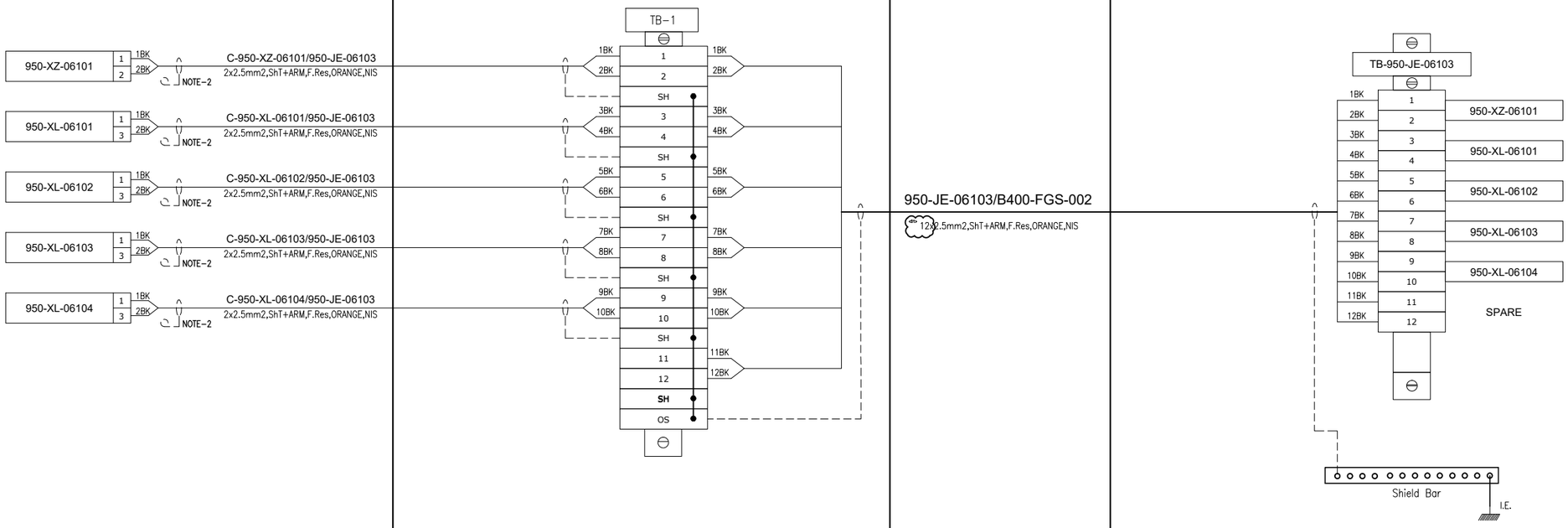
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 071	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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



CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 072	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

DRAWING NO. 123-A90-DDL-IN-DG-40016 | REV. 02

FIELD

INSTRUMENTS

JUNCTION BOX
950-JE-06203

MULTICABLE
No.

I&T EQUIPMENT ROOM (ITER)
MARSHALLING CABINET
B400-FGS-002

B-100 HV Switch Gear Room

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

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

950-XL-06202 (1, 3) — C-950-XL-06202/950-JE-06203 — 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

B-100 OUTDOOR

77-HS-001B (12, 22 / 11, 21) — C-77-HS-001B/950-JE-06203 — 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

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

FIRE & GAS DAMPER HFD-77001

77-HY-001 (1, 2) — C-77-HY-001/77-HS-001A — 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

B-100 INDOOR

77-HS-001A (12, 22 / 11, 21) — NOTE-2

B-100 OUTDOOR

77-HS-002B (12, 22 / 11, 21) — C-77-HS-002B/950-JE-06203 — 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

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

FIRE & GAS DAMPER HFD-77002

77-HY-002 (1, 2) — C-77-HY-002/77-HS-002A — 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

B-100 INDOOR

77-HS-002A (12, 22 / 11, 12) — NOTE-2

77-HS-003B (12, 22 / 11, 21) — C-77-HS-003B/950-JE-06203 — 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

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

FIRE & GAS DAMPER HFD-77003

77-HY-003 (1, 2) — C-77-HY-003/77-HS-003A — 2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS — NOTE-2

B-100 INDOOR

77-HS-003A (12, 22 / 11, 21) — NOTE-2

TB-1

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

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

TB-950-JE-06203

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.

CROSSWIND

ROSETTI MARINO

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

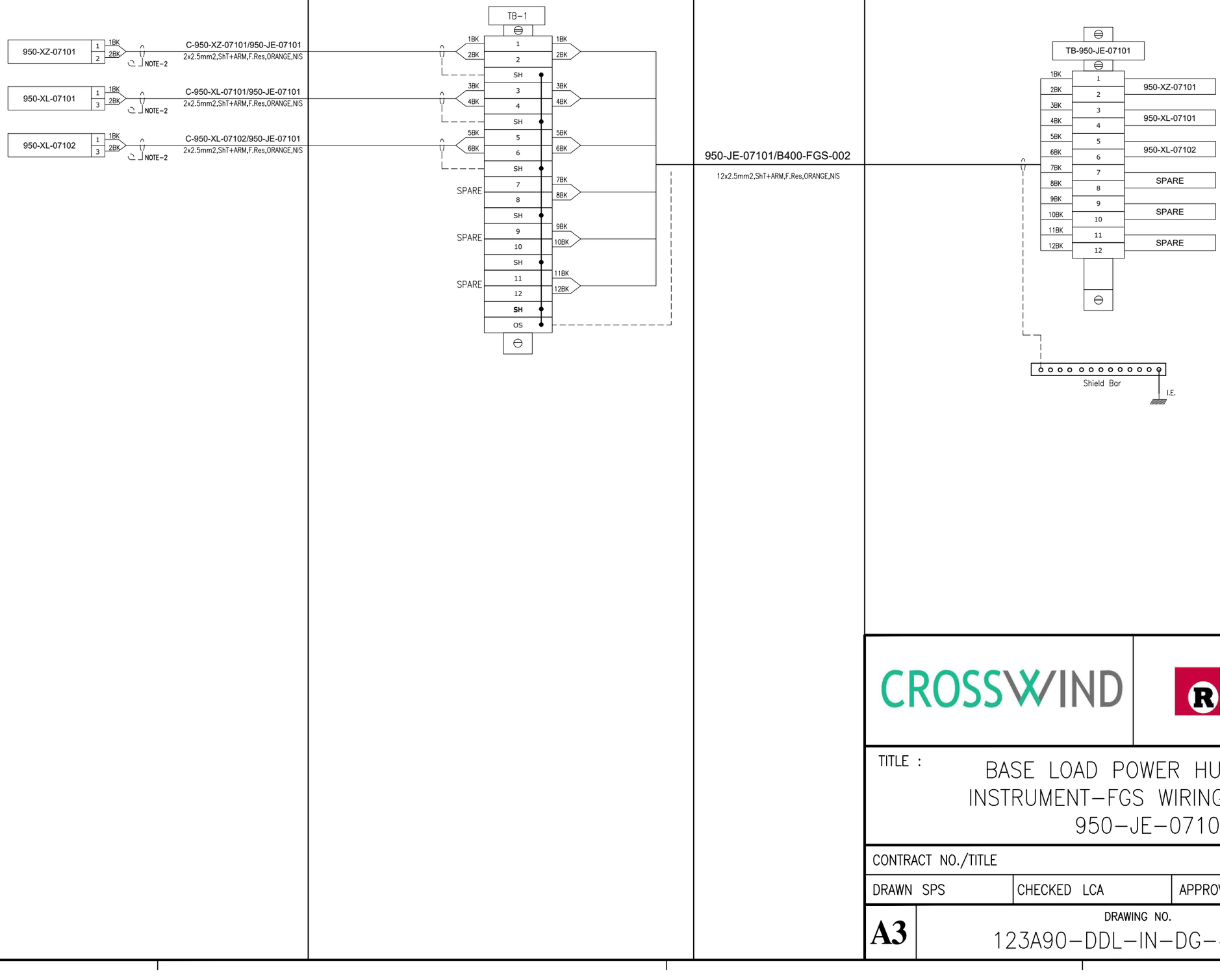
CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 073	REV. 02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

DRAWING NO. 123-A90-DDL-IN-DG-40016 REV. 02

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



CROSSWIND

ROSETTI MARINO

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025
A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 074	REV. 02

File Name : 123A90–DDL–IN–DG–40016_Rev.02

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

REV. 02

I&T EQUIPMENT ROOM (ITER)

B-400 ITER

950-XZ-04201 (1, 2) — 1BK / 2BK — NOTE-2

C-950-XZ-04201/B400-FGS-002
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

950-XL-04201 (1, 3) — 1BK / 2BK — NOTE-2

C-950-XL-04201/B400-FGS-002
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

950-XL-04202 (1, 3) — 1BK / 2BK — NOTE-2

C-950-XL-04202/B400-FGS-002
2x2.5mm2,ShT+ARM,F.Res,ORANGE,NIS

MARSHALLING CABINET
B400-FGS-002

TB-B400-FGS-002-6

1BK	1	950-XZ-04201
2BK	2	
Shield Bar		
1BK	3	950-XL-04201
2BK	4	
Shield Bar		
1BK	5	950-XL-04202
2BK	6	

Shield Bar — I.E.

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

	DRAWING NO.	SHEET	REV.
A3	123A90–DDL–IN–DG–40016	075	02

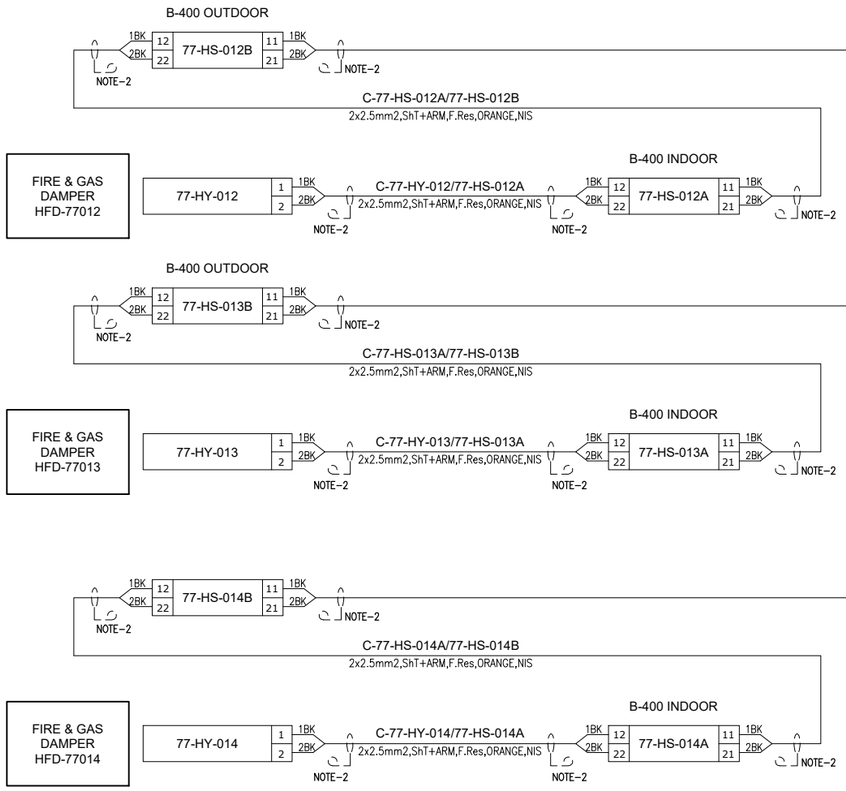
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DRAWING NO. 123-A90-DDL-IN-DG-40016

REV. 02

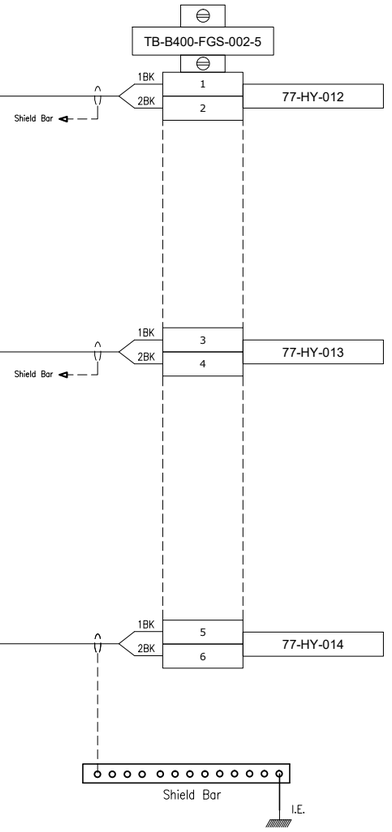
I&T EQUIPMENT ROOM (ITER)

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

A3	DRAWING NO. 123A90–DDL–IN–DG–40016	SHEET 076	REV. 02

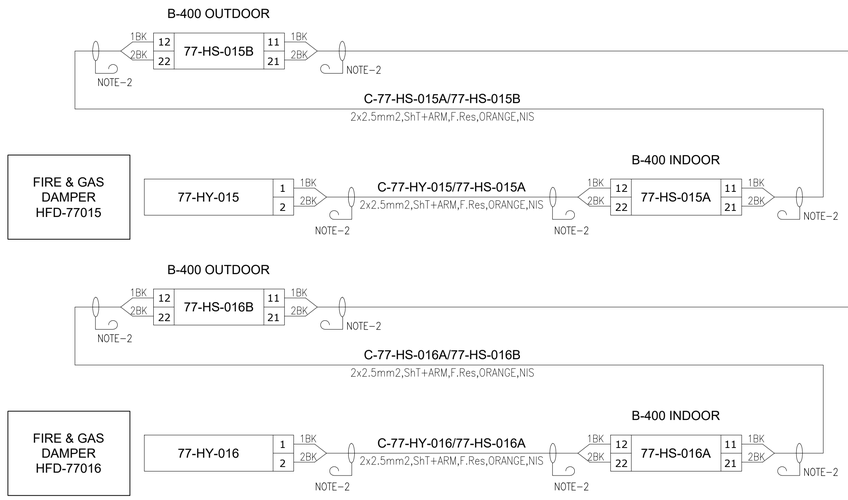
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DRAWING NO. 123-A90-DDL-IN-DG-40016

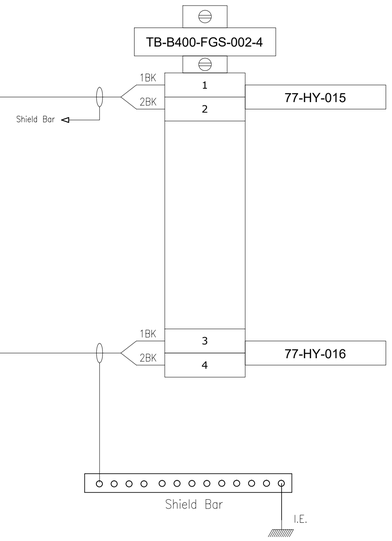
REV. 02

I&T EQUIPMENT ROOM (ITER)

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 SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

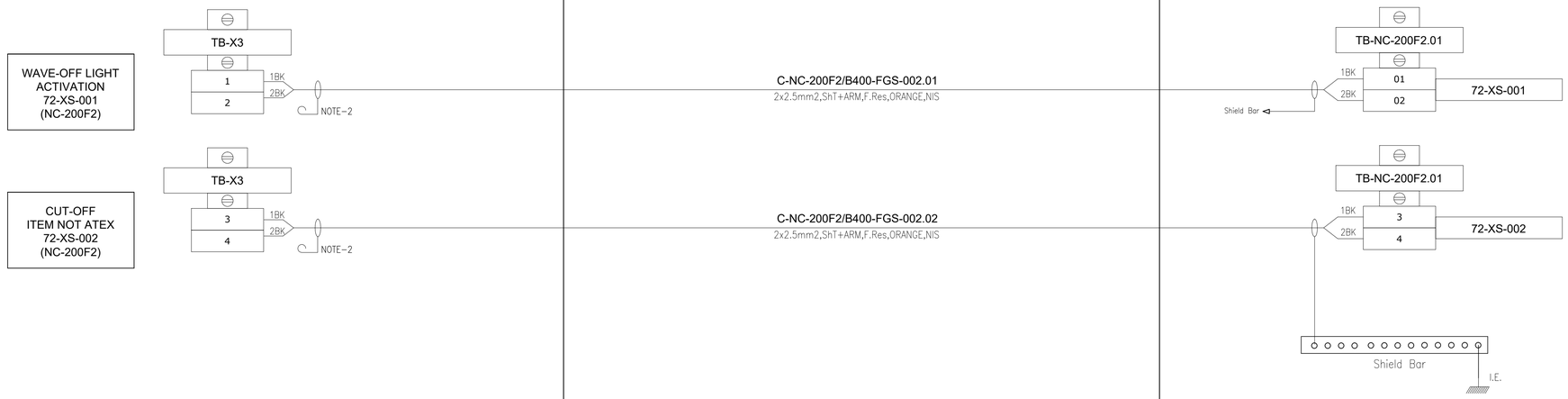
A3	DRAWING NO.	SHEET	REV.
	123A90-DDL-IN-DG-40016	077	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02

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

REV. 02

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



CROSSWIND

ROSETTI MARINO

TITLE :

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

CONTRACT NO./TITLE			SCALE N/A
DRAWN SPS	CHECKED LCA	APPROVED CGI	DATE 29/09/2025

	DRAWING NO.	SHEET	REV.
A3	123A90-DDL-IN-DG-40016	078	02

File Name : 123A90-DDL-IN-DG-40016_Rev.02