BASE LOAD POWER HUB (BLPH)

EARTHING LAYOUT DRAWINGS

(OFFSHORE ITER)

01

CROSSWIND

ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	14/05/24	MGA	LCA	DLO	ACCEPTED FOR CONSTRUCTION
00	19/01/24	INVIRAJ	AMBE/LCA	OYFO/MDO	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)
EARTHING LAYOUT DRAWINGS(OFFSHORE ITER)
FRONT PAGE

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 123A90-DDL-IN-DL-40013

SHEET 001

REV. 01

F.to UNI A3: 420mmx297mm

File Name : 123A90-DDL-IN-DL-430013 Rev. 01

REV.	SHEET NUMBER	DESCRIPTION	REF. CODE
00	001	FRONT PAGE	
00	002	SUMMARY and GENERAL NOTES	
00	003	EQUIPMENT LAYOUT	

INSTRUMENT EQUIPMENT LIST		
REF.	TAG No.	DESCRIPTION
1	B400-SRV-001	SERVER CABINET
2	B400-NET-001	NETWORK CABINET
3	B400-EMCS-001	EMCS SYSTEM CABINET
4	B400-PCS-001	PCS SYSTEM CABINET
5	B400-PCS-002	PCS MARSHALLING CABINET
6	B400-FGS-001	FGS SYSTEM CABINET
7	B400-FGS-002	FGS MARSHALLING CABINET 1
8	B400-FGS-003	FGS MARSHALLING CABINET 2
9	B400-SIS-001	SIS SYSTEM/MARSHALLING CABINET
10	-	SPARE
11	B400-HSB-001	DISTRIBUTION & HVAC PANEL - I&T ROOM
12	-	TABLE
13	-	PORTABLE EXTINGUISHER (CO2) 5 Kg.
14	-	PORTABLE EXTINGUISHER (CO2) 5 Kg.
15	-	FIRST AID KIT
16	-	RESUSCITATION UNIT
17	-	CABINET INCLUDED N.10 ESCAPE MASK

NOTES

1 - THIS DOCUMENT IS VALID ONLY FOR EARTHING LAYOUT.

2 - THE CABLE SIZE SHALL BE CONFIRMED

3 - THE EXACT POSITION OF EARTHING/MARSHALLING BUS BAR SHALL BE DEFINED IN FIELD.

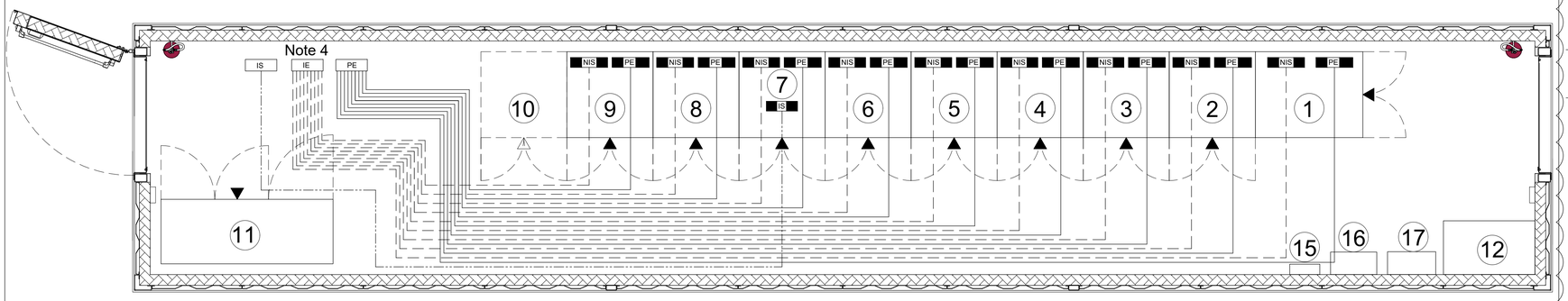
4 - THE EARTHING BUS BARS INSTALLATION SHALL BE PREFERABLY IN VERTICAL MODE.

5 - FOR EARTHING TYPICAL DETAILS AND Y/G CONDUCTOR CROSS SECTION SEE DOC. 123A90-DDL-EL-DD-20090 "ELECTRICAL TYPICAL INSTALLATION DETAILS - EARTHING SYSTEM".

6 - DUE TO THE TOP CABLE ENTRIES THE EARTHING BUS BAR INSIDE THE CABINETS SHALL BE INSTALLED AT THE TOP OF THE CABINETS THEMSELVES.

7 - IN CASE OF CABLE CONNECTIONS BETWEEN TWO CABINETS, THE CABLE SCREEN SHALL BE CONNECTED TO IE AT MARSHALLING SIDE ONLY.

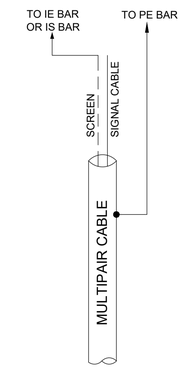
01



LEGEND

PE	EARTHING BUS BAR AISI 316L
NIS	INSULATED INSTRUMENT EARTH BUS BAR NOT INTRINSIC SAFETY DIM. 450x60x5mm AISI 316L
IS	INSULATED INSTRUMENT EARTH BUS BAR INTRINSIC SAFETY DIM. 450x60x5mm AISI 316L
	35sqmm Y/G INSULATED COPPER CONDUCTOR FOR PE (SEE NOTE 2)
	35sqmm Y/G INSULATED COPPER CONDUCTOR FOR I.S. & NON I.S. (SEE NOTE 2)
	EARTHING BUS BAR 60x5mm AISI 316L (SEE NOTE 3)
PE	PROTECTIVE EARTH
IE	INSTRUMENT EARTH
IS	INTRINSICALLY SAFE EARTH

KEY



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