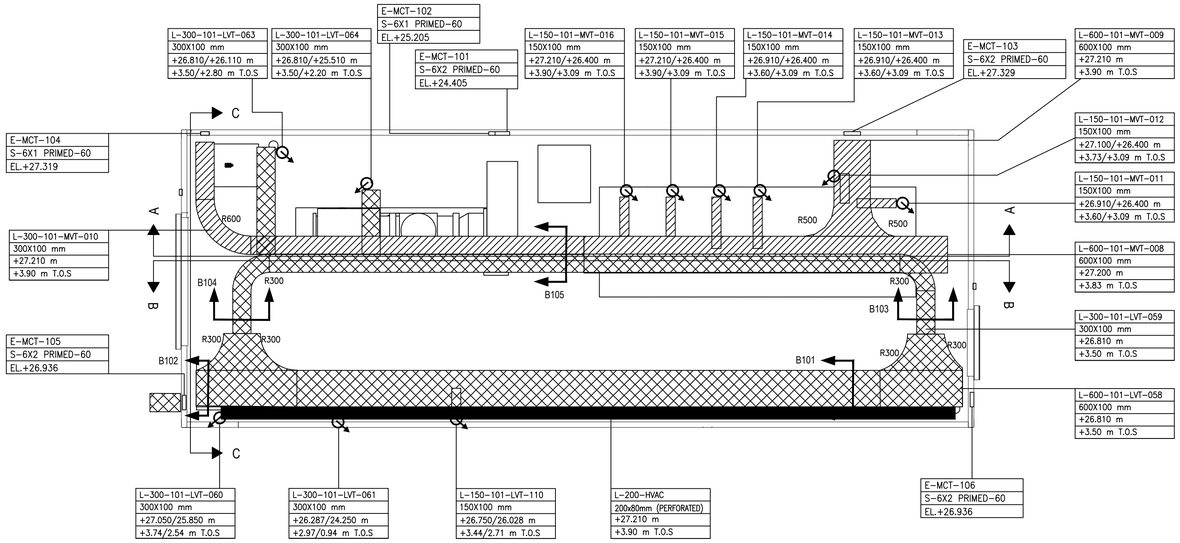
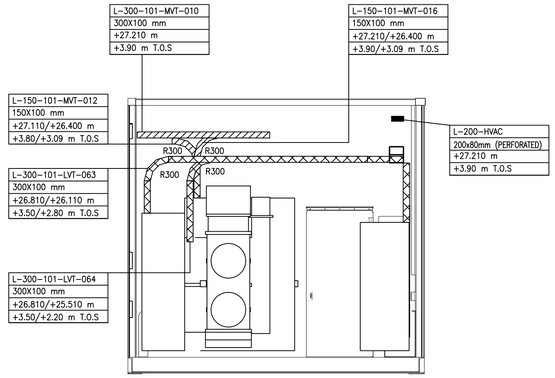
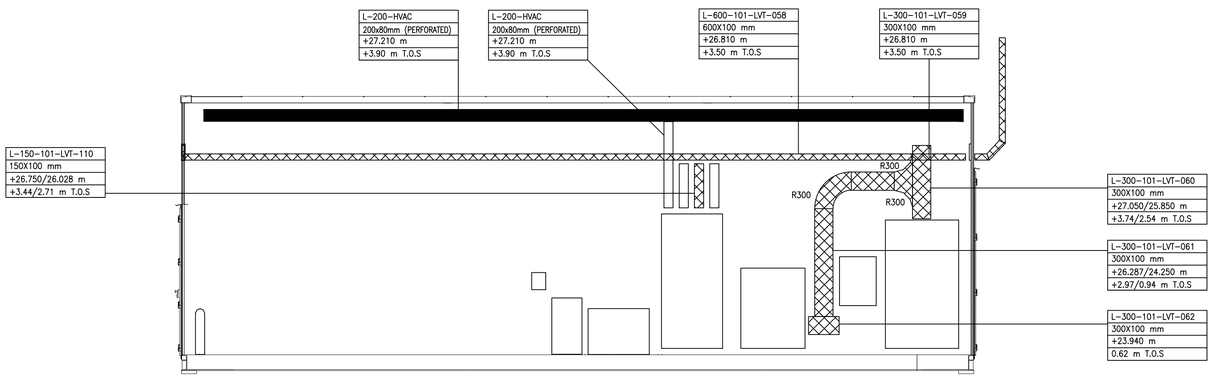
DRAWING NO. 123A90-DDL-EL-DL-20111 REV. 02



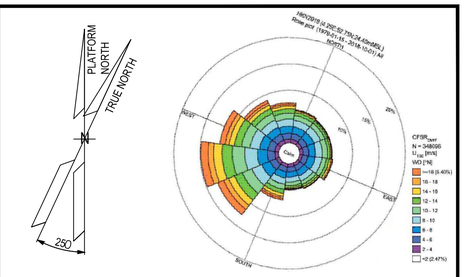


Section C-C

Section A-A



Section B-B

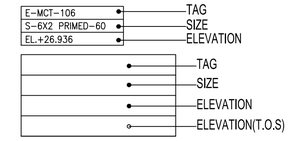


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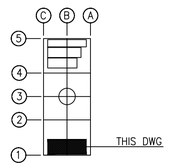
1. THIS DRAWING IS VALID ONLY FOR ELECTRICAL CABLE ROUTING LAYOUT.
2. DRAWING SPLIT INTO MULTIPLY SHEETS FOR CLARITY.
3. FOR INSTALLATION DETAIL OF CABLE LADDER REFER TO DOC. 123A90-DDL-EL-DD-20093.
4. FOR LIGHTING AND SOCKET EQUIPMENTS SEE DRAWING 123A90-DDL-EL-DL-20122 AND 1724000049-AR-DD-00018.
5. ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.
6. ELEVATIONS REFER TO T.O.S. (EL+23.310 m).
7. FOR PANEL MCTs DETAILS PLEASE REFER TO 123A90-DDL-EL-DL-20115.

LEGEND

- ELECTRICAL 6.6 KV CABLE LADDER
- ELECTRICAL LV CABLE LADDER
- ELECTRICAL CABLE LADDER (VERTICAL DROP)



KEY PLAN



REFERENCE DOCUMENTS

123A90-DDL-EL-DD-20093	ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM
123A90-DDL-EL-LIS-20148	ELECTRICAL POWER & CONTROL CABLE SCHEDULE
123A90-DDL-EL-DL-20104	ELECTRICAL EQUIPMENT LAYOUT - HV SWITCHROOM
123A90-DDL-EL-DL-20122	LIGHTING & SOCKET LAYOUT - HV SWITCHROOM
123A90-DDL-EL-DD-20095	MCT COMPOSITION
1724000049-AR-DD-00018	B-100 DETAILED DRAWING - E&I SHELTERS
123A90-DDL-EL-DL-20115	ELECTRICAL MCT LAYOUT - LOWER DECK

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	15/09/25	SPS	FMA/AMA	CGI	ASBUILT (ASB)
01	02/08/24	SAM	FMA/AMA	FPA/DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	26/04/24	SPS	FMA/AMA	FPA/DLO	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

TITLE :

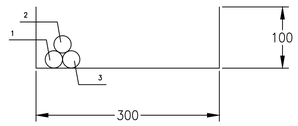
BASE LOAD POWER HUB (BLPH)
ELECTRICAL CABLE ROUTING LAYOUT
HV SWITCHROOM

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK			SCALE 1:50
DRAWN SPS	CHECKED FMA/AMA	APPROVED CGI	DATE 15/09/25
A1	DRAWING NO. 123A90-DDL-EL-DL-20111	SHEET 1of6	REV. 02

File Name : 123A90-DDL-EL-DL-20111 REV.02

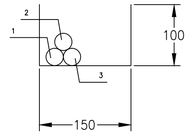
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L-300-101-MVT-010



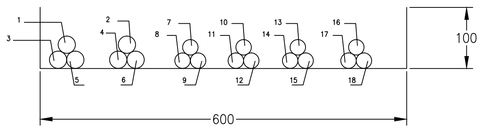
POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	82004-CEM-1-L1	6.6/0.4/0.4 KV, 3.15MVA Transformer	SG-100D1	T4	POWER CABLE	P2	1X150
2	82004-CEM-1-L2	6.6/0.4/0.4 KV, 3.15MVA Transformer	SG-100D1	T4	POWER CABLE	P2	1X150
3	82004-CEM-1-L3	6.6/0.4/0.4 KV, 3.15MVA Transformer	SG-100D1	T4	POWER CABLE	P2	1X150

L-150-101-MVT-011



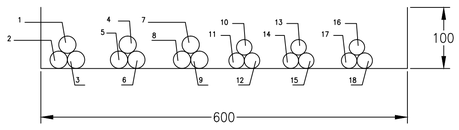
POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	82003-CEM-1-L1	6.6/0.4 KV, 1.25MVA Transformer	SG-100D1	TA30	POWER CABLE	P2	1X150
2	82003-CEM-1-L2	6.6/0.4 KV, 1.25MVA Transformer	SG-100D1	TA30	POWER CABLE	P2	1X150
3	82003-CEM-1-L3	6.6/0.4 KV, 1.25MVA Transformer	SG-100D1	TA30	POWER CABLE	P2	1X150

L-600-101-MVT-009

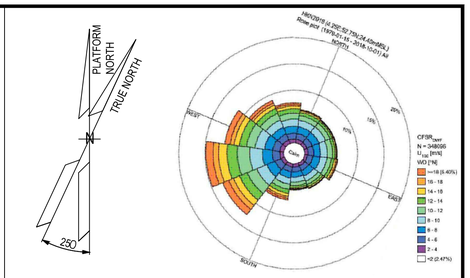


POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	82001-CEM-1-L1	6.6KV HV Switchgear	TR-100AD1	SG-100D1	POWER CABLE	P2	1X150
2	82001-CEM-2-L1	6.6KV HV Switchgear	TR-100AD1	SG-100D1	POWER CABLE	P2	1X150
3	82001-CEM-1-L2	6.6KV HV Switchgear	TR-100AD1	SG-100D1	POWER CABLE	P2	1X150
4	82001-CEM-2-L2	6.6KV HV Switchgear	TR-100AD1	SG-100D1	POWER CABLE	P2	1X150
5	82001-CEM-1-L3	6.6KV HV Switchgear	TR-100AD1	SG-100D1	POWER CABLE	P2	1X150
6	82001-CEM-2-L3	6.6KV HV Switchgear	TR-100AD1	SG-100D1	POWER CABLE	P2	1X150
7	82002-CEM-1-L1	6.6/0.4 KV, 1.6MVA Transformer	SG-100D1	TR-200DE1	POWER CABLE	P2	1X70
8	82002-CEM-1-L2	6.6/0.4 KV, 1.6MVA Transformer	SG-100D1	TR-200DE1	POWER CABLE	P2	1X70
9	82002-CEM-1-L3	6.6/0.4 KV, 1.6MVA Transformer	SG-100D1	TR-200DE1	POWER CABLE	P2	1X70
10	82003-CEM-1-L1	6.6/0.4 KV, 1.25MVA Transformer	SG-100D1	TA30	POWER CABLE	P2	1X70
11	82003-CEM-1-L2	6.6/0.4 KV, 1.25MVA Transformer	SG-100D1	TA30	POWER CABLE	P2	1X70
12	82003-CEM-1-L3	6.6/0.4 KV, 1.25MVA Transformer	SG-100D1	TA30	POWER CABLE	P2	1X70
13	82005-CEM-1-L1	6.6/0.62 KV, 1.25MVA Transformer	SG-100D1	18T1	POWER CABLE	P2	1X70
14	82005-CEM-1-L2	6.6/0.62 KV, 1.25MVA Transformer	SG-100D1	18T1	POWER CABLE	P2	1X70
15	82005-CEM-1-L3	6.6/0.62 KV, 1.25MVA Transformer	SG-100D1	18T1	POWER CABLE	P2	1X70
16	82006-CEM-1-L1	6.6/0.8 KV, 0.5MVA Transformer	SG-100D1	TR-200ED1	POWER CABLE	P2	1X70
17	82006-CEM-1-L2	6.6/0.8 KV, 0.5MVA Transformer	SG-100D1	TR-200ED1	POWER CABLE	P2	1X70
18	82006-CEM-1-L3	6.6/0.8 KV, 0.5MVA Transformer	SG-100D1	TR-200ED1	POWER CABLE	P2	1X70

L-600-101-MVT-008



POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	82002-CEM-1-L1	6.6/0.4 KV, 1.6MVA Transformer	SG-100D1	TR-200DE1	POWER CABLE	P2	1X70
2	82002-CEM-1-L2	6.6/0.4 KV, 1.6MVA Transformer	SG-100D1	TR-200DE1	POWER CABLE	P2	1X70
3	82002-CEM-1-L3	6.6/0.4 KV, 1.6MVA Transformer	SG-100D1	TR-200DE1	POWER CABLE	P2	1X70
4	82003-CEM-1-L1	6.6/0.4 KV, 1.25MVA Transformer	SG-100D1	TA30	POWER CABLE	P2	1X70
5	82003-CEM-1-L2	6.6/0.4 KV, 1.25MVA Transformer	SG-100D1	TA30	POWER CABLE	P2	1X70
6	82003-CEM-1-L3	6.6/0.4 KV, 1.25MVA Transformer	SG-100D1	TA30	POWER CABLE	P2	1X70
7	82004-CEM-1-L1	6.6/0.4/0.4 KV, 3.15MVA Transformer	SG-100D1	T4	POWER CABLE	P2	1X150
8	82004-CEM-1-L2	6.6/0.4/0.4 KV, 3.15MVA Transformer	SG-100D1	T4	POWER CABLE	P2	1X150
9	82004-CEM-1-L3	6.6/0.4/0.4 KV, 3.15MVA Transformer	SG-100D1	T4	POWER CABLE	P2	1X150
10	82005-CEM-1-L1	6.6/0.62 KV, 1.25MVA Transformer	SG-100D1	18T1	POWER CABLE	P2	1X70
11	82005-CEM-1-L2	6.6/0.62 KV, 1.25MVA Transformer	SG-100D1	18T1	POWER CABLE	P2	1X70
12	82005-CEM-1-L3	6.6/0.62 KV, 1.25MVA Transformer	SG-100D1	18T1	POWER CABLE	P2	1X70
13	82006-CEM-1-L1	6.6/0.8 KV, 0.5MVA Transformer	SG-100D1	TR-200ED1	POWER CABLE	P2	1X70
14	82006-CEM-1-L2	6.6/0.8 KV, 0.5MVA Transformer	SG-100D1	TR-200ED1	POWER CABLE	P2	1X70
15	82006-CEM-1-L3	6.6/0.8 KV, 0.5MVA Transformer	SG-100D1	TR-200ED1	POWER CABLE	P2	1X70



NOTES

1. ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.
2. ELEVATIONS REFER TO T.O.S (EL+23.310 m).

CABLE TYPE DETAILS

P2 - SINGLE CORE, 3.6/6 (7.2) KV, CU/EPR/CTS/LSZH/CWB/LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

P7 - MULTI CORE, 0.6/1 KV, STRANDED COPPER, XLPE INSULATION, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

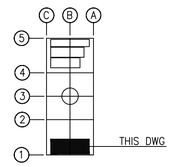
P8 - MULTI CORE, 0.6/1 KV, STRANDED COPPER, XLPE INSULATION, CU SCREEN, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

P4 - MULTI CORE, 0.6/1 KV, STRANDED COPPER, EPR INSULATION, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

P5 - MULTI CORE, 0.6/1 KV, FIRE RESISTANT, STRANDED COPPER, EPR INSULATION, LSZH OUTER SHEATH MATERIAL, GALVANIZED STEEL WIRE ARMOURED CABLE, FLAME RETARDANT.

LEGEND

KEY PLAN



REFERENCE DOCUMENTS

123A90-DDL-EL-DD-20093	ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM
123A90-DDL-EL-LIS-20148	ELECTRICAL POWER & CONTROL CABLE SCHEDULE
123A90-DDL-EL-DL-20104	ELECTRICAL EQUIPMENT LAYOUT - HV SWITCHROOM
123A90-DDL-EL-DL-20122	LIGHTING & SOCKET LAYOUT - HV SWITCHROOM
123A90-DDL-EL-DD-20095	MCT COMPOSITION
1724000049-AR-DD-00018	B-100 DETAILED DRAWING - E&I SHELTERS
123A90-DDL-EL-DL-20115	ELECTRICAL MCT LAYOUT - LOWER DECK

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	15/09/25	SPS	FMA/AMA	CGI	ASBUILT (ASB)
01	02/08/24	SAM	FMA/AMA	FPA/DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	26/04/24	SPS	FMA/AMA	FPA/DLO	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
ELECTRICAL CABLE ROUTING LAYOUT
HV SWITCHROOM

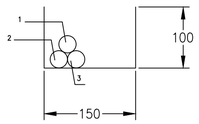
CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK			SCALE 1:10
DRAWN SPS	CHECKED FMA/AMA	APPROVED CGI	DATE 15/09/25
A1	DRAWING NO. 123A90-DDL-EL-DL-20111	SHEET 2of6	REV. 02

File Name : 123A90-DDL-EL-DL-20111 REV.02

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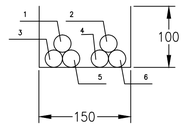
REV. 02

L-150-101-MVT-015



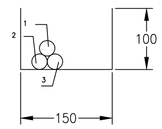
POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	82006-CEM-1-L1	6.6/0.8 KV, 0.5MVA Transformer	SG-100D1	TR-200ED1	POWER CABLE	P2	1X70
2	82006-CEM-1-L2	6.6/0.8 KV, 0.5MVA Transformer	SG-100D1	TR-200ED1	POWER CABLE	P2	1X70
3	82006-CEM-1-L3	6.6/0.8 KV, 0.5MVA Transformer	SG-100D1	TR-200ED1	POWER CABLE	P2	1X70

L-150-101-MVT-012



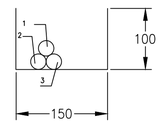
POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	82001-CEM-1-L1	6.6KV HV Switchgear	TR-100AD1	SG-100D1	POWER CABLE	P2	1X150
2	82001-CEM-2-L1	6.6KV HV Switchgear	TR-100AD1	SG-100D1	POWER CABLE	P2	1X150
3	82001-CEM-1-L2	6.6KV HV Switchgear	TR-100AD1	SG-100D1	POWER CABLE	P2	1X150
4	82001-CEM-2-L2	6.6KV HV Switchgear	TR-100AD1	SG-100D1	POWER CABLE	P2	1X150
5	82001-CEM-1-L3	6.6KV HV Switchgear	TR-100AD1	SG-100D1	POWER CABLE	P2	1X150
6	82001-CEM-2-L3	6.6KV HV Switchgear	TR-100AD1	SG-100D1	POWER CABLE	P2	1X150

L-150-101-MVT-013

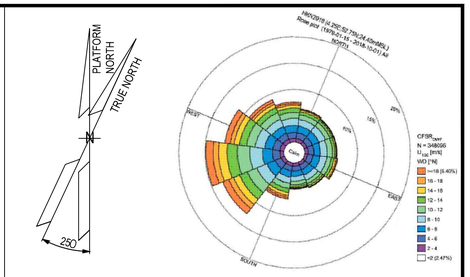


POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	82002-CEM-1-L1	6.6/0.4 KV, 1.6MVA Transformer	SG-100D1	TR-200DE1	POWER CABLE	P2	1X70
2	82002-CEM-1-L2	6.6/0.4 KV, 1.6MVA Transformer	SG-100D1	TR-200DE1	POWER CABLE	P2	1X70
3	82002-CEM-1-L3	6.6/0.4 KV, 1.6MVA Transformer	SG-100D1	TR-200DE1	POWER CABLE	P2	1X70

L-150-101-MVT-014



POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	82005-CEM-1-L1	6.6/0.62 KV, 1.25MVA Transformer	SG-100D1	18T1	POWER CABLE	P2	1X70
2	82005-CEM-1-L2	6.6/0.62 KV, 1.25MVA Transformer	SG-100D1	18T1	POWER CABLE	P2	1X70
3	82005-CEM-1-L3	6.6/0.62 KV, 1.25MVA Transformer	SG-100D1	18T1	POWER CABLE	P2	1X70



NOTES

1. ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.
2. ELEVATIONS REFER TO T.O.S (EL+23.310 m).

CABLE TYPE DETAILS

P2 - SINGLE CORE, 3.6/6 (7.2) KV, CU/EPR/CTS/LSZH/CWB/LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

P7 - MULTI CORE, 0.6/1 KV, STRANDED COPPER, XLPE INSULATION, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

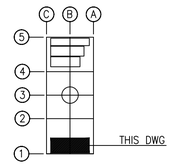
P8 - MULTI CORE, 0.6/1 KV, STRANDED COPPER, XLPE INSULATION, CU SCREEN, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

P4 - MULTI CORE, 0.6/1 KV, STRANDED COPPER, EPR INSULATION, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

P5 - MULTI CORE, 0.6/1 KV, FIRE RESISTANT, STRANDED COPPER, EPR INSULATION, LSZH OUTER SHEATH MATERIAL, GALVANIZED STEEL WIRE ARMOURED CABLE, FLAME RETARDANT.

LEGEND

KEY PLAN



REFERENCE DOCUMENTS

123A90-DDL-EL-DD-20093	ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM
123A90-DDL-EL-LIS-20148	ELECTRICAL POWER & CONTROL CABLE SCHEDULE
123A90-DDL-EL-DL-20104	ELECTRICAL EQUIPMENT LAYOUT - HV SWITCHROOM
123A90-DDL-EL-DL-20122	LIGHTING & SOCKET LAYOUT - HV SWITCHROOM
123A90-DDL-EL-DD-20095	MCT COMPOSITION
1724000049-AR-DD-00018	B-100 DETAILED DRAWING - E&I SHELTERS
123A90-DDL-EL-DL-20115	ELECTRICAL MCT LAYOUT - LOWER DECK

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	15/09/25	SPS	FMA/AMA	CGI	ASBUILT (ASB)
01	02/08/24	SAM	FMA/AMA	FPA/DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	26/04/24	SPS	FMA/AMA	FPA/DLO	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
ELECTRICAL CABLE ROUTING LAYOUT
HV SWITCHROOM

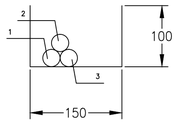
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A1	DRAWING NO. 123A90-DDL-EL-DL-20111	SHEET 3of6	REV. 02

File Name : 123A90-DDL-EL-DL-20111 REV.02

DRAWING NO. 123A90-DDL-EL-DL-20111

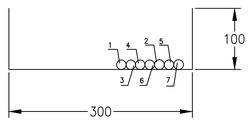
REV. 02

L-150-101-MVT-016



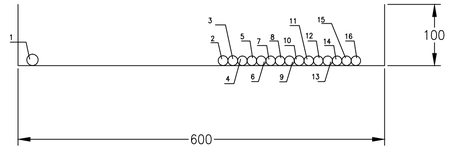
POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	82004-CEM-1-L1	6.6/0.4/0.4 KV, 3.15MVA Transformer	SG-100D1	T4	POWER CABLE	P2	1X150
2	82004-CEM-1-L2	6.6/0.4/0.4 KV, 3.15MVA Transformer	SG-100D1	T4	POWER CABLE	P2	1X150
3	82004-CEM-1-L3	6.6/0.4/0.4 KV, 3.15MVA Transformer	SG-100D1	T4	POWER CABLE	P2	1X150

L-300-101-LVT-063



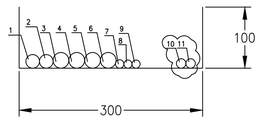
POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	81012-CEC	6.6KV HV Switchgear	CP-100E1	SG-100D1	CONTROL CABLE	P7	7X1.5
2	82001-CEC	LCP GIS	SG-100D1	CP-100E1	CONTROL CABLE	P8	4CX4
3	82010-CEC	LCP GIS	SG-100D1	CP-100E1	CONTROL CABLE	P7	7X1.5
4	82011-CEC	LCP GIS	SG-100D1	CP-100E1	CONTROL CABLE	P7	7X1.5
5	82012-CEC	LCP GIS	SG-100D1	CP-100E1	CONTROL CABLE	P7	7X1.5
6	81013-CEC	6.6KV HV Switchgear	CP-100E1	SG-100D1	CONTROL CABLE	P7	7X1.5
7	81001-CEC	LCP GIS	CP-100E4	CP-100E1	CONTROL CABLE	P8	4X4

B101 (L-600-101-LVT-058 VIA-E-MCT-106)

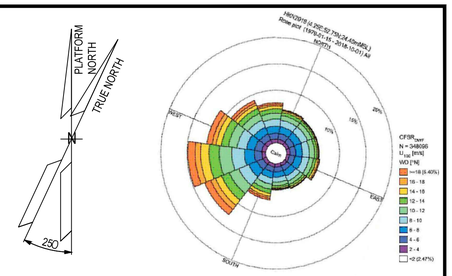


POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	84314-CEL	UCP - HVAC HV Room	DP-200F3	B100-HSB-001	POWER CABLE	P5	3G2.5
2	81001-CEC	LCP GIS	CP-100E4	CP-100E1	CONTROL CABLE	P8	4X4
3	81002-CEC	6.6KV HV Switchgear	CP-100E4	SG-100D1	CONTROL CABLE	P8	4X4
4	81003-CEC	6.6KV HV Switchgear	CP-100E4	SG-100D1	CONTROL CABLE	P7	7X1.5
5	81004-CEC	6.6KV HV Switchgear	CP-100E4	SG-100D1	CONTROL CABLE	P7	7X1.5
6	81005-CEC	6.6KV HV Switchgear	CP-100E4	SG-100D1	CONTROL CABLE	P7	7X1.5
7	81006-CEC	6.6KV HV Switchgear	CP-100E4	SG-100D1	CONTROL CABLE	P7	7X1.5
8	81007-CEC	6.6KV HV Switchgear	CP-100E4	SG-100D1	CONTROL CABLE	P7	7X1.5
9	81008-CEC	6.6KV HV Switchgear	CP-100E4	SG-100D1	CONTROL CABLE	P7	7X1.5
10	82002-CEC	66/6.6 kV, 7MVA Transformer	SG-100D1	CP-100AD1C	CONTROL CABLE	P8	4CX4
11	83001-CEC	6.6KV HV Switchgear	CP-200DE1A	SG-100D1	CONTROL CABLE	P7	7X1.5
12	83002-CEC	6.6KV HV Switchgear	CP-200DE1A	SG-100D1	CONTROL CABLE	P7	7X1.5
13	83003-CEC	6.6KV HV Switchgear	CP-200DE1A	SG-100D1	CONTROL CABLE	P7	7X1.5
14	83004-CEC	6.6KV HV Switchgear	CP-200DE1A	SG-100D1	CONTROL CABLE	P7	7X1.5
15	83005-CEC	6.6KV HV Switchgear	SG-200N1	SG-100D1	CONTROL CABLE	P7	7X1.5
16	83006-CEC	6.6KV HV Switchgear	SG-200N1	SG-100D1	CONTROL CABLE	P7	7X1.5

L-300-101-LVT-060



POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	83034-CEL	DC Battery System - Switchgears Control - Feeder A	SG-200N1	UP-200F1	POWER CABLE	P4	4G16
2	83035-CEL	DC Battery System - Switchgears Control - Feeder B	SG-200N1	UP-200F1	POWER CABLE	P4	4G16
3	84101-CEL	DC Control for 66 kV GIS Line-1	DP-200F1	CP-100E1	POWER CABLE	P5	3G16
4	84102-CEL	DC Control for 66 kV GIS Line-2	DP-200F1	CP-100E1	POWER CABLE	P5	3G16
5	84103-CEL	DC Control for 6,6 kV Switchgear Line-A	DP-200F1	SG-100D1	POWER CABLE	P5	3G16
6	84104-CEL	DC Control for 6,6 kV Switchgear Line-B	DP-200F1	SG-100D1	POWER CABLE	P5	3G16
7	83124-CEL	DC BATTERY SYSTEM AUXILIARY	DP-200N1	UP-200F1	POWER CABLE	P4	3G2.5
8	84111-CEL-1-P	DC UPS - Battery Isolator	BC-200F1	CB-200F1	POWER CABLE	P5	1X25
9	84111-CEL-1-N	DC UPS - Battery Isolator	BC-200F1	CB-200F1	POWER CABLE	P5	1X25
10	84110-CEC	DC UPS - Charger	CB-200F1	BC-200F1A	CONTROL CABLE	P7	7C X 1.5
11	84111-CEC	DC UPS - Charger	CB-200F1	BC-200F1B	CONTROL CABLE	P7	7C X 1.5



NOTES

1. ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.
2. ELEVATIONS REFER TO T.O.S (EL+23.310 m).

CABLE TYPE DETAILS

P2 - SINGLE CORE, 3.6/6 (7.2) KV, CU/EPR/CTS/LSZH/CWB/LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

P7 - MULTI CORE, 0.6/1 KV, STRANDED COPPER, XLPE INSULATION, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

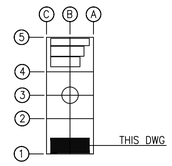
P8 - MULTI CORE, 0.6/1 KV, STRANDED COPPER, XLPE INSULATION, CU SCREEN, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

P4 - MULTI CORE, 0.6/1 KV, STRANDED COPPER, EPR INSULATION, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

P5 - MULTI CORE, 0.6/1 KV, FIRE RESISTANT, STRANDED COPPER, EPR INSULATION, LSZH OUTER SHEATH MATERIAL, GALVANIZED STEEL WIRE ARMOURED CABLE, FLAME RETARDANT.

LEGEND

KEY PLAN



REFERENCE DOCUMENTS

123A90-DDL-EL-DD-20093	ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM
123A90-DDL-EL-LIS-20148	ELECTRICAL POWER & CONTROL CABLE SCHEDULE
123A90-DDL-EL-DL-20104	ELECTRICAL EQUIPMENT LAYOUT - HV SWITCHROOM
123A90-DDL-EL-DL-20122	LIGHTING & SOCKET LAYOUT - HV SWITCHROOM
123A90-DDL-EL-DD-20095	MCT COMPOSITION
1724000049-AR-DD-00018	B-100 DETAILED DRAWING - E&I SHELTERS
123A90-DDL-EL-DL-20115	ELECTRICAL MCT LAYOUT - LOWER DECK

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	15/09/25	SPS	FMA/AMA	CGI	ASBUILT (ASB)
01	02/08/24	SAM	FMA/AMA	FPA/DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	26/04/24	SPS	FMA/AMA	FPA/DLO	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

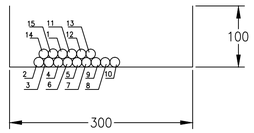
TITLE :
BASE LOAD POWER HUB (BLPH)
ELECTRICAL CABLE ROUTING LAYOUT
HV SWITCHROOM

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK			SCALE 1:10
DRAWN SPS	CHECKED FMA/AMA	APPROVED CGI	DATE 15/09/25
A1	DRAWING NO. 123A90-DDL-EL-DL-20111	SHEET 4of6	REV. 02

File Name : 123A90-DDL-EL-DL-20111 REV.02

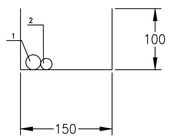
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B103 (L-300-101-LVT-059 VIA-E-MCT-106)



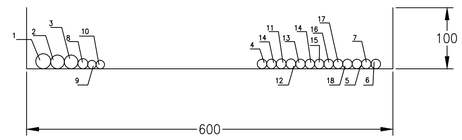
POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	83003-CEC	6.6KV HV Switchgear	CP-200DE1A	SG-100D1	CONTROL CABLE	P7	7X1.5
2	81001-CEC	LCP GIS	CP-100E4	CP-100E1	CONTROL CABLE	P8	4X4
3	81002-CEC	6.6KV HV Switchgear	CP-100E4	SG-100D1	CONTROL CABLE	P8	4X4
4	81003-CEC	6.6KV HV Switchgear	CP-100E4	SG-100D1	CONTROL CABLE	P7	7X1.5
5	81004-CEC	6.6KV HV Switchgear	CP-100E4	SG-100D1	CONTROL CABLE	P7	7X1.5
6	81005-CEC	6.6KV HV Switchgear	CP-100E4	SG-100D1	CONTROL CABLE	P7	7X1.5
7	81006-CEC	6.6KV HV Switchgear	CP-100E4	SG-100D1	CONTROL CABLE	P7	7X1.5
8	81007-CEC	6.6KV HV Switchgear	CP-100E4	SG-100D1	CONTROL CABLE	P7	7X1.5
9	81008-CEC	6.6KV HV Switchgear	CP-100E4	SG-100D1	CONTROL CABLE	P7	7X1.5
10	82002-CEC	66/6.6 kV, 7MVA Transformer	SG-100D1	SG-100D1	CONTROL CABLE	P8	4X4
11	83004-CEC	6.6KV HV Switchgear	CP-200DE1A	SG-100D1	CONTROL CABLE	P7	7X1.5
12	83005-CEC	6.6KV HV Switchgear	SG-200N1	SG-100D1	CONTROL CABLE	P7	7X1.5
13	83006-CEC	6.6KV HV Switchgear	SG-200N1	SG-100D1	CONTROL CABLE	P7	7X1.5
14	83001-CEC	6.6KV HV Switchgear	CP-200DE1A	SG-100D1	CONTROL CABLE	P7	7X1.5
15	83002-CEC	6.6KV HV Switchgear	CP-200DE1A	SG-100D1	CONTROL CABLE	P7	7X1.5

L-150-101-LVT-110



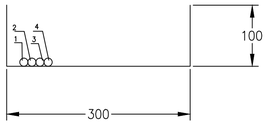
POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	83023-CEL	HVAC Panels - HV Room	SG-200N1	B100-HSB-001	POWER CABLE	P4	5G16
2	84314-CEL	UCP - HVAC HV Room	DP-200F3	B100-HSB-001	POWER CABLE	P5	3G2.5

B102 (L-600-101-LVT-058 VIA-E-MCT-105)

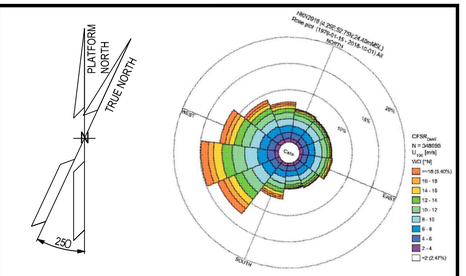


POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	83023-CEL	HVAC Panels - HV Room	SG-200N1	B100-HSB-001	POWER CABLE	P4	5G16
2	83034-CEL	DC Battery System - Switchgears Control - Feeder A	SG-200N1	UP-200F1	POWER CABLE	P4	4G16
3	83035-CEL	DC Battery System - Switchgears Control - Feeder B	SG-200N1	UP-200F1	POWER CABLE	P4	4G16
4	85001-CEC	6.6KV HV Switchgear	A-85000	SG-100D1	CONTROL CABLE	P7	7X1.5
5	83015-CEC	6.6KV HV Switchgear	SG-200D2	SG-100D1	CONTROL CABLE	P7	7X1.5
6	20001-CEC	6.6KV HV Switchgear	A-20000	SG-100D1	CONTROL CABLE	P7	7X1.5
7	82014-CEC	6.6KV HV Switchgear	RR-100D1	SG-100D1	CONTROL CABLE	P7	7X1.5
8	83118-CEL	Auxiliary GIS	DP-200N1	CP-100E1	POWER CABLE	P4	3G6
9	83119-CEL	Auxiliary 6.6kV Switchboard	DP-200N1	SG-100D1	POWER CABLE	P4	3G2.5
10	83124-CEL	DC BATTERY SYSTEM AUXILIARY	DP-200N1	UP-200F1	POWER CABLE	P4	3G2.5
11	82006-CEC	BESS UCP	SG-100D1	A-85000	CONTROL CABLE	P8	4X4
12	82007-CEC	BESS UCP	SG-100D1	A-85000	CONTROL CABLE	P8	4X4
13	82008-CEC	LV SWBD 800/460V	SG-100D1	SG-200D2	CONTROL CABLE	P7	7X1.5
14	82013-CEC	LV Switchgear	SG-100D1	SG-200N1	CONTROL CABLE	P7	7X1.5
15	83011-CEC	6.6KV HV Switchgear	CP-200ED1A	SG-100D1	CONTROL CABLE	P7	7X1.5
16	83012-CEC	6.6KV HV Switchgear	CP-200ED1A	SG-100D1	CONTROL CABLE	P7	7X1.5
17	83013-CEC	6.6KV HV Switchgear	CP-200ED1A	SG-100D1	CONTROL CABLE	P7	7X1.5
18	83014-CEC	6.6KV HV Switchgear	CP-200ED1A	SG-100D1	CONTROL CABLE	P7	7X1.5

L-300-101-LVT-062



POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	84111-CEL-1-P	DC UPS - Battery Isolator	BC-200F1	CB-200F1	POWER CABLE	P5	1X25
2	84111-CEL-1-N	DC UPS - Battery Isolator	BC-200F1	CB-200F1	POWER CABLE	P5	1X25
3	84111-CEL-2-P	DC UPS - Battery	CB-200F1	BA-200F1	POWER CABLE	P5	1X25
4	84111-CEL-2-N	DC UPS - Battery	CB-200F1	BA-200F1	POWER CABLE	P5	1X25



NOTES

1. ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.
2. ELEVATIONS REFER TO T.O.S (EL+23.310 m).

CABLE TYPE DETAILS

P2 - SINGLE CORE, 3.6/6 (7.2) KV, CU/EPR/CTS/LSZH/CWB/LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

P7 - MULTI CORE, 0.6/1 KV, STRANDED COPPER, XLPE INSULATION, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

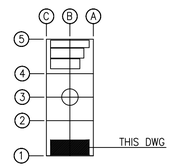
P8 - MULTI CORE, 0.6/1 KV, STRANDED COPPER, XLPE INSULATION, CU SCREEN, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

P4 - MULTI CORE, 0.6/1 KV, STRANDED COPPER, EPR INSULATION, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

P5 - MULTI CORE, 0.6/1 KV, FIRE RESISTANT, STRANDED COPPER, EPR INSULATION, LSZH OUTER SHEATH MATERIAL, GALVANIZED STEEL WIRE ARMOURED CABLE, FLAME RETARDANT.

LEGEND

KEY PLAN



REFERENCE DOCUMENTS

123A90-DDL-EL-DD-20093	ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM
123A90-DDL-EL-LIS-20148	ELECTRICAL POWER & CONTROL CABLE SCHEDULE
123A90-DDL-EL-DL-20104	ELECTRICAL EQUIPMENT LAYOUT - HV SWITCHROOM
123A90-DDL-EL-DL-20122	LIGHTING & SOCKET LAYOUT - HV SWITCHROOM
123A90-DDL-EL-DD-20095	MCT COMPOSITION
1724000049-AR-DD-00018	B-100 DETAILED DRAWING - E&I SHELTERS
123A90-DDL-EL-DL-20115	ELECTRICAL MCT LAYOUT - LOWER DECK

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	15/09/25	SPS	FMA/AMA	CGI	ASBUILT (ASB)
01	02/08/24	SAM	FMA/AMA	FPA/DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	26/04/24	SPS	FMA/AMA	FPA/DLO	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

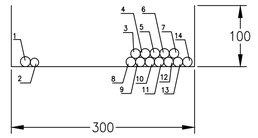
TITLE :
BASE LOAD POWER HUB (BLPH)
ELECTRICAL CABLE ROUTING LAYOUT
HV SWITCHROOM

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK			SCALE 1:10
DRAWN SPS	CHECKED FMA/AMA	APPROVED CGI	DATE 15/09/25
A1	DRAWING NO. 123A90-DDL-EL-DL-20111	SHEET 5of6	REV. 02

File Name : 123A90-DDL-EL-DL-20111 REV.02

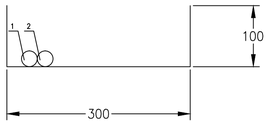
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B104 (L-300-101-LVT-059 VIA-E-MCT-105)



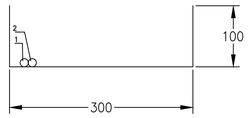
POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	83118-CEL	Auxiliary GIS	DP-200N1	CP-100E1	POWER CABLE	P4	3G6
2	83119-CEL	Auxiliary 6.6kV Switchboard	DP-200N1	SG-100D1	POWER CABLE	P4	3G2.5
3	82014-CEC	6.6KV HV Switchgear	RR-100D1	SG-100D1	CONTROL CABLE	P7	7X1.5
4	82006-CEC	BESS UCP	SG-100D1	A-85000	CONTROL CABLE	P8	4X4
5	82007-CEC	BESS UCP	SG-100D1	A-85000	CONTROL CABLE	P8	4X4
6	82008-CEC	LV SWBD 800/460V	SG-100D1	SG-200D2	CONTROL CABLE	P7	7X1.5
7	82013-CEC	LV Switchgear	SG-100D1	SG-200N1	CONTROL CABLE	P7	7X1.5
8	83011-CEC	6.6KV HV Switchgear	CP-200ED1A	SG-100D1	CONTROL CABLE	P7	7X1.5
9	83012-CEC	6.6KV HV Switchgear	CP-200ED1A	SG-100D1	CONTROL CABLE	P7	7X1.5
10	83013-CEC	6.6KV HV Switchgear	CP-200ED1A	SG-100D1	CONTROL CABLE	P7	7X1.5
11	83014-CEC	6.6KV HV Switchgear	CP-200ED1A	SG-100D1	CONTROL CABLE	P7	7X1.5
12	83015-CEC	6.6KV HV Switchgear	SG-200D2	SG-100D1	CONTROL CABLE	P7	7X1.5
13	20001-CEC	6.6KV HV Switchgear	A-20000	SG-100D1	CONTROL CABLE	P7	7X1.5
14	85001-CEC	6.6KV HV Switchgear	A-85000	SG-100D1	CONTROL CABLE	P7	7X1.5

L-300-101-LVT-064



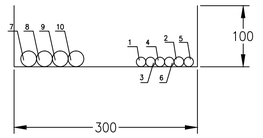
POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	84101-CEL	DC Control for 66 kV GIS Line-1	DP-200F1	CP-100E1	POWER CABLE	P5	3G16
2	84102-CEL	DC Control for 66 kV GIS Line-2	DP-200F1	CP-100E1	POWER CABLE	P5	3G16

L-300-101-LVT-061

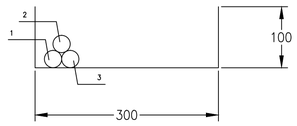


POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	84111-CEL-1-P	DC UPS - Battery Isolator	BC-200F1	CB-200F1	POWER CABLE	P5	1X25
2	84111-CEL-1-N	DC UPS - Battery Isolator	BC-200F1	CB-200F1	POWER CABLE	P5	1X25

B105 (L-300-101-LVT-059 VIA-E-MCT-104)



B105 (L-300-101-MVT-010 VIA E-MCT-104)

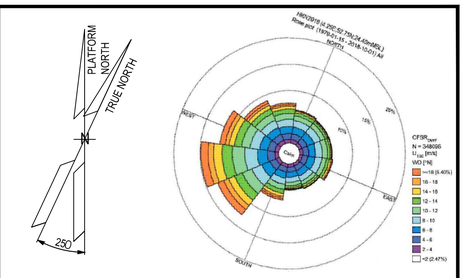


B105 (L-300-101-LVT-059 VIA-E-MCT-104)

POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	81012-CEC	6.6KV HV Switchgear	CP-100E1	SG-100D1	CONTROL CABLE	P7	7X1.5
2	82001-CEC	LCP GIS	SG-100D1	CP-100E1	CONTROL CABLE	P8	4CX4
3	82010-CEC	LCP GIS	SG-100D1	CP-100E1	CONTROL CABLE	P7	7X1.5
4	82011-CEC	LCP GIS	SG-100D1	CP-100E1	CONTROL CABLE	P7	7X1.5
5	82012-CEC	LCP GIS	SG-100D1	CP-100E1	CONTROL CABLE	P7	7X1.5
6	81013-CEC	6.6KV HV Switchgear	CP-100E1	SG-100D1	CONTROL CABLE	P7	7X1.5
7	84101-CEL	DC Control for 66 kV GIS Line-1	DP-200F1	CP-100E1	POWER CABLE	P5	3G16
8	84102-CEL	DC Control for 66 kV GIS Line-2	DP-200F1	CP-100E1	POWER CABLE	P5	3G16
9	84103-CEL	DC Control for 6,6 kV Switchgear Line-A	DP-200F1	SG-100D1	POWER CABLE	P5	3G16
10	84104-CEL	DC Control for 6,6 kV Switchgear Line-B	DP-200F1	SG-100D1	POWER CABLE	P5	3G16

B105 (L-300-101-MVT-010 VIA E-MCT-104)

POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	82004-CEM-1-L1	6.6/0.4/0.4 KV, 3.15MVA Transformer	SG-100D1	T4	POWER CABLE	P2	1X150
2	82004-CEM-1-L2	6.6/0.4/0.4 KV, 3.15MVA Transformer	SG-100D1	T4	POWER CABLE	P2	1X150
3	82004-CEM-1-L3	6.6/0.4/0.4 KV, 3.15MVA Transformer	SG-100D1	T4	POWER CABLE	P2	1X150



NOTES

1. ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.
2. ELEVATIONS REFER TO T.O.S (EL+23.310 m).

CABLE TYPE DETAILS

P2 - SINGLE CORE, 3.6/6 (7.2) KV, CU/EPR/CTS/LSZH/CWB/LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

P7 - MULTI CORE, 0.6/1 KV, STRANDED COPPER, XLPE INSULATION, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

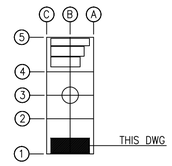
P8 - MULTI CORE, 0.6/1 KV, STRANDED COPPER, XLPE INSULATION, CU SCREEN, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

P4 - MULTI CORE, 0.6/1 KV, STRANDED COPPER, EPR INSULATION, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

P5 - MULTI CORE, 0.6/1 KV, FIRE RESISTANT, STRANDED COPPER, EPR INSULATION, LSZH OUTER SHEATH MATERIAL, GALVANIZED STEEL WIRE ARMOURED CABLE, FLAME RETARDANT.

LEGEND

KEY PLAN



REFERENCE DOCUMENTS

123A90-DDL-EL-DD-20093	ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM
123A90-DDL-EL-LIS-20148	ELECTRICAL POWER & CONTROL CABLE SCHEDULE
123A90-DDL-EL-DL-20104	ELECTRICAL EQUIPMENT LAYOUT - HV SWITCHROOM
123A90-DDL-EL-DL-20122	LIGHTING & SOCKET LAYOUT - HV SWITCHROOM
123A90-DDL-EL-DD-20095	MCT COMPOSITION
1724000049-AR-DD-00018	B-100 DETAILED DRAWING - E&I SHELTERS
123A90-DDL-EL-DL-20115	ELECTRICAL MCT LAYOUT - LOWER DECK

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	15/09/25	SPS	FMA/AMA	CGI	ASBUILT (ASB)
01	02/08/24	SAM	FMA/AMA	FPA/DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	26/04/24	SPS	FMA/AMA	FPA/DLO	ISSUE FOR REVIEW (IFR)

CROSSWIND | ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
ELECTRICAL CABLE ROUTING LAYOUT
HV SWITCHROOM

CONTRACT NO./TITLE CW-1-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE 1:10

DRAWN SPS | CHECKED FMA/AMA | APPROVED CGI | DATE 15/09/25

A1 | DRAWING NO. 123A90-DDL-EL-DL-20111 | SHEET 6of6 | REV. 02

File Name : 123A90-DDL-EL-DL-20111 REV.02