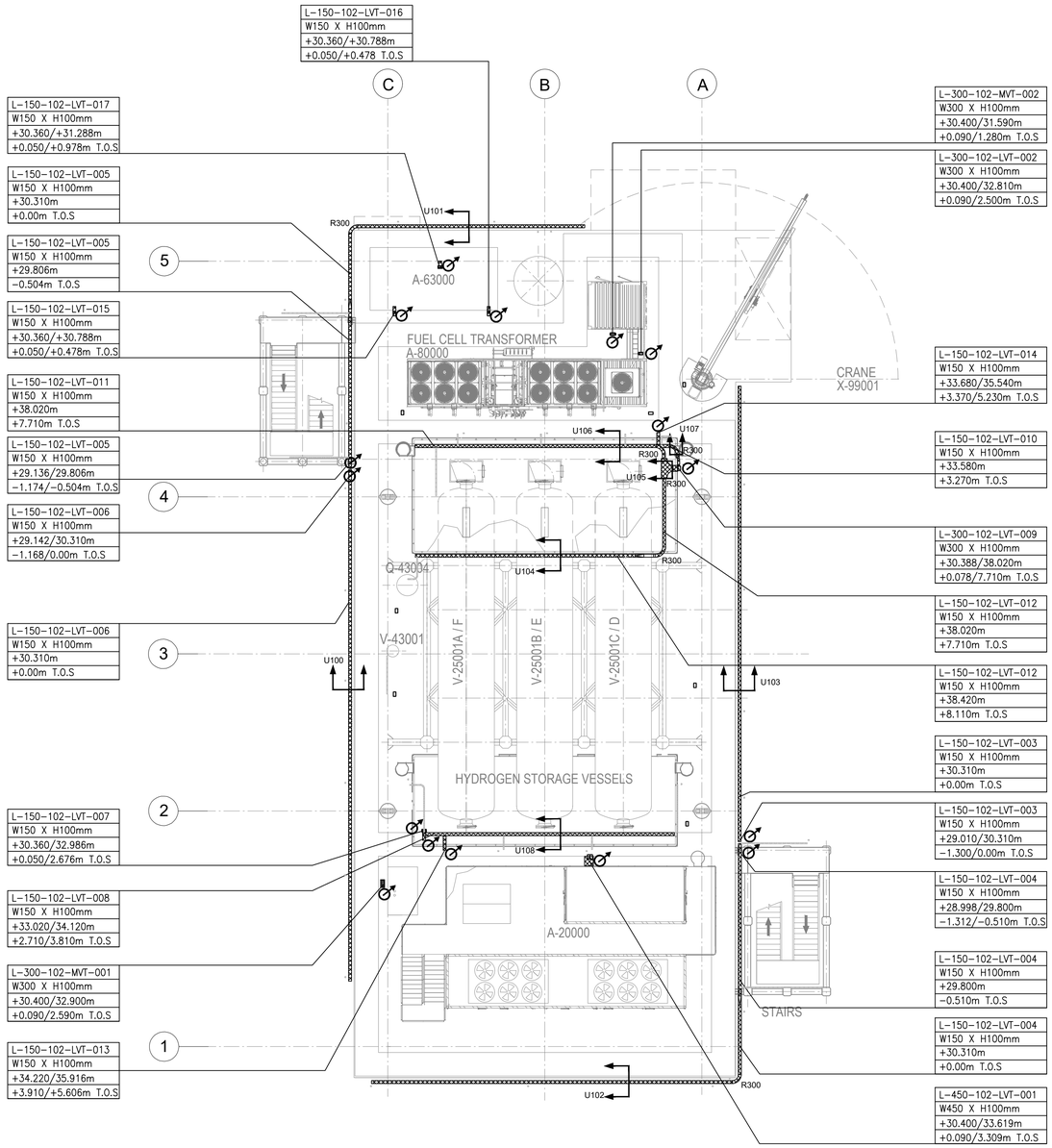
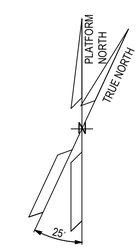
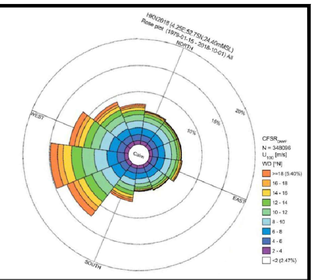
DRAWING NO. 123A90-DDL-EL-DL-20107

REV. 01



MAIN CABLE ROUTING
PLAN ON UPPER DECK
EL+30.310 T.O.S.





NOTES

1. ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.
2. THIS DRAWING IS VALID ONLY FOR ELECTRICAL CABLE ROUTING LAYOUT.
3. A MINIMUM OF 20% CAPACITY IN EACH CABLE LADDER SHALL BE PROVIDED FOR FUTURE EXTENSION.
4. DRAWING SPLIT INTO MULTIPLY SHEETS FOR CLARITY.
5. FOR INSTALLATION DETAIL OF CABLE LADDER REFER TO DOC. 123A90-DDL-EL-DD-20093.
6. 50mm CABLETRAYS ROUTES MAY BE MODIFIED DURING CONSTRUCTION WITHOUT OFFICIAL APPROVAL

LEGEND

- ELECTRICAL 6.6 KV CABLE TRAY
- ELECTRICAL LV CABLE TRAY
- CABLE LADDER ELEVATION CHANGE
- ELECTRICAL CABLE TRAY VERTICAL RAISE
- ELECTRICAL CABLE TRAY VERTICAL DROP
- UXXX — CABLE SECTION

WIDTH X HEIGHT — TAG / SIZE / ELEVATION / ELEVATION(T.O.S)

HOLDS

REFERENCE DOCUMENTS

123A90-DDL-PP-DL-70070	PLOT PLAN - LOWER & UPPER DECK
123A90-DDL-EL-DL-20100	ELECTRICAL EQUIPMENT LAYOUT - TOP DECK
123A90-DDL-EL-DD-20093	ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM
123A90-DDL-EL-DL-20108	ELECTRICAL CABLES ROUTING LAYOUT - LOWER DECK
123A90-DDL-EL-DL-20109	ELECTRICAL CABLES ROUTING LAYOUT - BELOW LOWER DECK
123A90-DDL-EL-LIS-20148	ELECTRICAL POWER & CONTROL CABLE SCHEDULE
123A90-DDL-EL-DG-20125	LIGHTING & SOCKET CIRCUIT DIAGRAM

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	30/07/24	ASR	FMA/AMA	FPA/DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	14/06/24	ASR	FMA/AMA	FPA/DLO	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

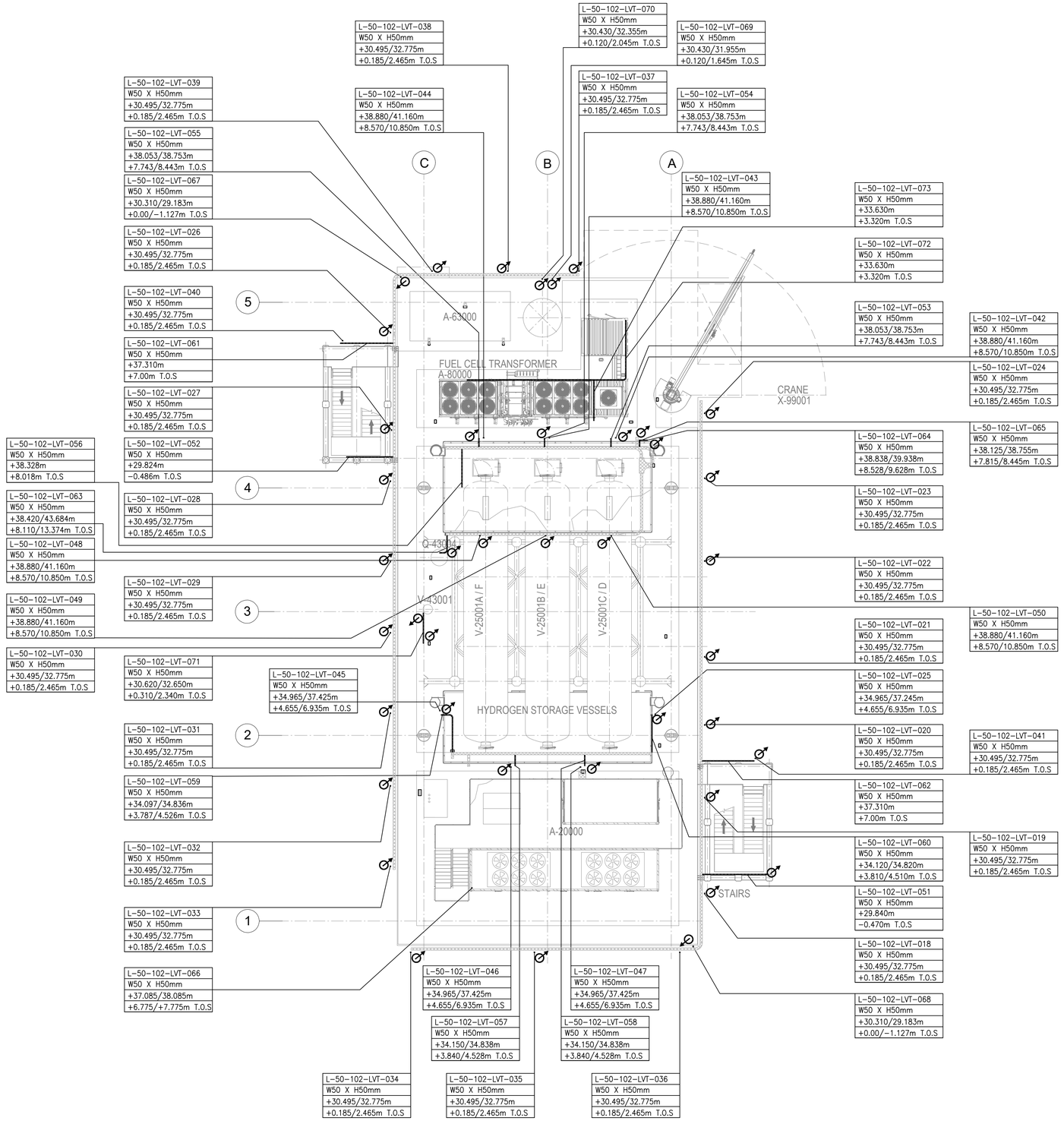
TITLE : BASE LOAD POWER HUB (BLPH)
ELECTRICAL CABLES ROUTING LAYOUT
TOP DECK

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK			SCALE 1:150
DRAWN ASR	CHECKED FMA/AMA	APPROVED FPA/DLO	DATE 30/07/24
A1	DRAWING NO. 123A90-DDL-EL-DL-20107	SHEET 1of7	REV. 01

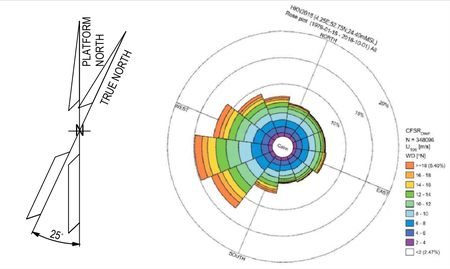
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DRAWING NO. 123A90-DDL-EL-DL-20107

REV. 01



50mm WIDTH CABLE ROUTING
PLAN ON UPPER DECK
EL+30.310 T.O.S.



NOTES

1. ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.
2. THIS DRAWING IS VALID ONLY FOR ELECTRICAL CABLE ROUTING LAYOUT.
3. A MINIMUM OF 20% CAPACITY IN EACH CABLE LADDER SHALL BE PROVIDED FOR FUTURE EXTENSION.
4. DRAWING SPLIT INTO MULTIPLY SHEETS FOR CLARITY.
5. FOR INSTALLATION DETAIL OF CABLE LADDER REFER TO DOC. 123A90-DDL-EL-DD-20093.
6. 50mm CABLETRAYS ROUTES MAY BE MODIFIED DURING CONSTRUCTION WITHOUT OFFICIAL APPROVAL

LEGEND

- ELECTRICAL 6.6 KV CABLE TRAY
- ELECTRICAL LV CABLE TRAY
- CABLE LADDER ELEVATION CHANGE
- ELECTRICAL CABLE TRAY VERTICAL RAISE
- ELECTRICAL CABLE TRAY VERTICAL DROP
- UXXX — CABLE SECTION

WIDTH X HEIGHT — TAG / SIZE / ELEVATION / ELEVATION(T.O.S)

HOLDS

REFERENCE DOCUMENTS

123A90-DDL-PP-DL-70070	PLOT PLAN - LOWER & UPPER DECK
123A90-DDL-EL-DL-20100	ELECTRICAL EQUIPMENT LAYOUT - TOP DECK
123A90-DDL-EL-DD-20093	ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM
123A90-DDL-EL-DL-20108	ELECTRICAL CABLES ROUTING LAYOUT - LOWER DECK
123A90-DDL-EL-DL-20109	ELECTRICAL CABLES ROUTING LAYOUT - BELOW LOWER DECK
123A90-DDL-EL-LIS-20148	ELECTRICAL POWER & CONTROL CABLE SCHEDULE
123A90-DDL-EL-DG-20125	LIGHTING & SOCKET CIRCUIT DIAGRAM

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	30/07/24	ASR	FMA/AMA	FPA/DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	14/06/24	ASR	FMA/AMA	FPA/DLO	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
ELECTRICAL CABLES ROUTING LAYOUT
TOP DECK

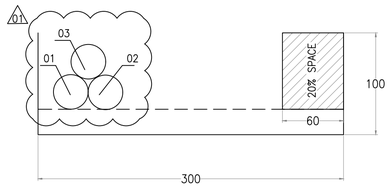
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DRAWN ASR	CHECKED FMA/AMA	APPROVED FPA/DLO	DATE 30/07/24
A1	DRAWING NO. 123A90-DDL-EL-DL-20107	SHEET 2of7	REV. 01

File Name : 123A90-DDL-EL-DL-20107

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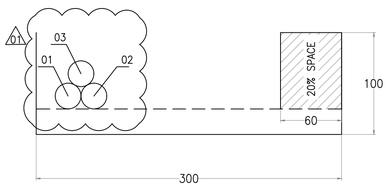
REV. 01

L-300-102-MVT-001



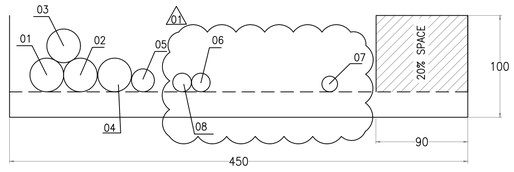
SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	82004-CEM-1-L1	6.6/0.4/0.4 KV, 3.15MVA TRANSFORMER	SG-100D1	T4	POWER CABLE	P2	1C X 150
2	82004-CEM-1-L2	6.6/0.4/0.4 KV, 3.15MVA TRANSFORMER	SG-100D1	T4	POWER CABLE	P2	1C X 150
3	82004-CEM-1-L3	6.6/0.4/0.4 KV, 3.15MVA TRANSFORMER	SG-100D1	T4	POWER CABLE	P2	1C X 150

L-300-102-MVT-002



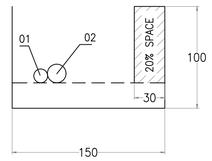
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1	82003-CEM-1-L1	6.6/0.4 KV, 1.25MVA TRANSFORMER	SG-100D1	TA30	POWER CABLE	P2	1C x 70
2	82003-CEM-1-L2	6.6/0.4 KV, 1.25MVA TRANSFORMER	SG-100D1	TA30	POWER CABLE	P2	1C x 70
3	82003-CEM-1-L3	6.6/0.4 KV, 1.25MVA TRANSFORMER	SG-100D1	TA30	POWER CABLE	P2	1C x 70

L-450-102-LVT-001



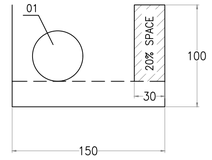
SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	83013-CEL-L1	ELECTROLYSER AUXILIARY LOAD	SG-200N1	A-20000	POWER CABLE	P3	1C X 300
2	83013-CEL-L2	ELECTROLYSER AUXILIARY LOAD	SG-200N1	A-20000	POWER CABLE	P3	1C X 300
3	83013-CEL-L3	ELECTROLYSER AUXILIARY LOAD	SG-200N1	A-20000	POWER CABLE	P3	1C X 300
4	83013-CEL-N	ELECTROLYSER AUXILIARY LOAD	SG-200N1	A-20000	POWER CABLE	P3	1C X 300
5	83013-CEL-E	ELECTROLYSER AUXILIARY LOAD	SG-200N1	A-20000	POWER CABLE	P6	1C X 150
6	72213-CEL	Intermediate Obstruction Red Lights	EJB-200F2-02	EOL-200-04	POWER CABLE	P5	3G2.5
7	20001-CEC	6.6KV HV Switchgear	A-20000	SG-100D1	CONTROL CABLE	P7	7C X 1.5
8	P-ELF-200N1-02-L1-14	Normal Lighting Fixture	EJB-200N1-02-L1-03	ELF-200N1-02-L1-14	POWER CABLE	P5	3G2.5

L-150-102-LVT-017



SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	83110-CEL	01 UCP – Instrument Air Package –A–63000 – Auxiliary	DP-200N1	CP-630E1	POWER CABLE	P4	3G2.5
2	84311-CEL	UCP – INSTRUMENT AIR PACKAGE A-63000	DP-200F3	CP-630E1	POWER CABLE	P5	3G2.5

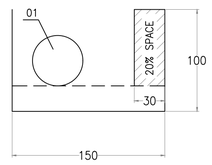
L-150-102-LVT-015



SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	83017-CEL-1	INSTRUMENT AIR PACKAGE	SG-200N1	K-63001-A	POWER CABLE	P4	5G70

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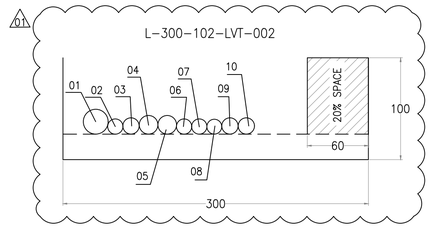
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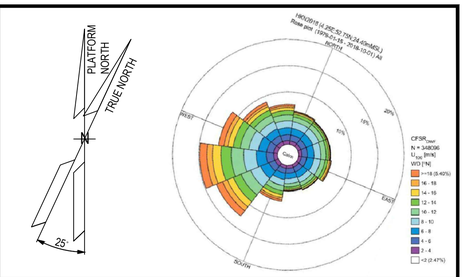
SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	83017-CEL-2	INSTRUMENT AIR PACKAGE	SG-200N1	K-63001-B	POWER CABLE	P4	5G70

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SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	83012-CEL	FUEL CELL AUXILIARY LOAD	SG-200N1	A-80000	POWER CABLE	P4	5G16
2	P-EJB-200N1-02-L1-01	NORMAL LIGHTING UPPER DECK – CIRCUIT NO. 1	DP-200N1	EJB-200N1-02-L1-01	POWER CABLE	P4	3G4
3	P-EJB-200N1-08-L1-04	Emergency Lighting Upper Deck	DP-200N1	EJB-200N1-08-L1-04	POWER CABLE	P4	4G4_E
4	P-ELF-200N1-02-L1-04	Normal Lighting Fixture	EJB-200N1-02-L1-01	ELF-200N1-02-L1-04	POWER CABLE	P5	3G2.5
5	P-ELF-200N1-02-L1-03	Normal Lighting Fixture	EJB-200N1-02-L1-01	ELF-200N1-02-L1-03	POWER CABLE	P5	3G2.5
6	P-EJB-200N1-02-L1-02	Normal Lighting JB	EJB-200N1-02-L1-01	EJB-200N1-02-L1-02	POWER CABLE	P5	3G4
7	P-EJB-200N1-02-L1-19	Normal Lighting JB	EJB-200N1-02-L1-01	EJB-200N1-02-L1-19	POWER CABLE	P5	3G4
8	P-ELF-200N1-08-L1-23	Emergency Lighting Fixture	EJB-200N1-08-L1-04	ELF-200N1-08-L1-23	POWER CABLE	P5	4G2.5_E
9	P-EJB-200N1-08-L1-16	Emergency Lighting JB	EJB-200N1-08-L1-04	EJB-200N1-08-L1-16	POWER CABLE	P5	4G4_E
10	P-EJB-200N1-08-L1-01	Emergency Lighting JB	EJB-200N1-08-L1-04	EJB-200N1-08-L1-01	POWER CABLE	P4	4G4_E



NOTES

1.ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.

2.ELEVATIONS REFER TO T.O.S.

CABLE TYPE DETAILS

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

P3 – SINGLE CORE, 0.6/1 KV, STRANDED COPPER, EPR INSULATION, LSZH, PVC, 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.

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.

LEGEND

HOLDS

REFERENCE DOCUMENTS

123A90-DDL-PP-DL-70070	PLOT PLAN - LOWER & UPPER DECK
123A90-DDL-EL-DL-20100	ELECTRICAL EQUIPMENT LAYOUT - TOP DECK
123A90-DDL-EL-DD-20093	ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM
123A90-DDL-EL-DL-20108	ELECTRICAL CABLES ROUTING LAYOUT - LOWER DECK
123A90-DDL-EL-DL-20109	ELECTRICAL CABLES ROUTING LAYOUT - BELOW LOWER DECK
123A90-DDL-EL-LIS-20148	ELECTRICAL POWER & CONTROL CABLE SCHEDULE
123A90-DDL-EL-DG-20125	LIGHTING & SOCKET CIRCUIT DIAGRAM

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	30/07/24	ASR	FMA/AMA	FPA/DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	14/06/24	ASR	FMA/AMA	FPA/DLO	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
ELECTRICAL CABLES ROUTING LAYOUT
TOP DECK

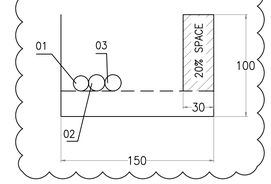
CONTRACT NO./TITLE CW-1-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK			SCALE 1:50
DRAWN ASR	CHECKED FMA/AMA	APPROVED FPA/DLO	DATE 30/07/24
A1	DRAWING NO. 123A90-DDL-EL-DL-20107	SHEET 3of7	REV. 01

File Name : 123A90-DDL-EL-DL-20107

DRAWING NO. 123A90-DDL-EL-DL-20107

REV. 01

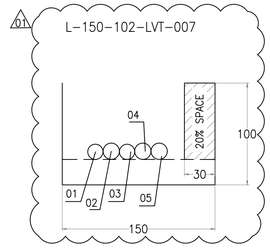
01 U103 (L-150-102-LVT-003)



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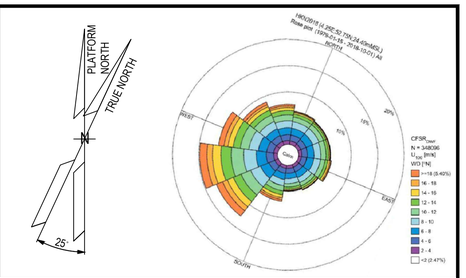
SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	P-EJB-200N1-02-L1-17	Normal Lighting JB	EJB-200N1-02-L1-18	EJB-200N1-02-L1-17	POWER CABLE	P5	3G4
2	P-EJB-200N1-08-L1-15	Emergency Lighting JB	EJB-200N1-08-L1-16	EJB-200N1-08-L1-15	POWER CABLE	P5	4G4_E
3	P-EJB-200N1-08-L1-14	Emergency Lighting JB	EJB-200N1-08-L1-15	EJB-200N1-08-L1-14	POWER CABLE	P5	4G4_E

01 L-150-102-LVT-007



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SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	P-EJB-200N1-02-L1-03	Normal Lighting JB	EJB-200N1-02-L1-02	EJB-200N1-02-L1-03	POWER CABLE	P5	3G4
2	P-ELF-200N1-02-L1-14	Normal Lighting Fixture	EJB-200N1-02-L1-03	ELF-200N1-02-L1-14	POWER CABLE	P5	3G2.5
3	P-EJB-200N1-02-L1-13	Normal Lighting JB	EJB-200N1-02-L1-03	EJB-200N1-02-L1-13	POWER CABLE	P5	3G4
4	P-EJB-200N1-08-L1-03	Emergency Lighting JB	EJB-200N1-08-L1-01	EJB-200N1-08-L1-03	POWER CABLE	P5	4G4_E
5	P-EJB-200N1-08-L1-12	Emergency Lighting JB	EJB-200N1-08-L1-03	EJB-200N1-08-L1-12	POWER CABLE	P5	4G4_E



NOTES

1.ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.

2.ELEVATIONS REFER TO T.O.S.

CABLE TYPE DETAILS

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

P3 – SINGLE CORE, 0.6/1 KV, STRANDED COPPER, EPR INSULATION, LSZH, PVC, 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.

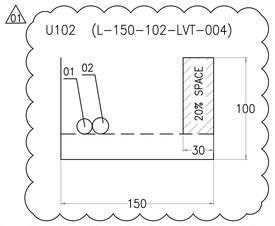
P7 – MULTI CORE, 0.6/1 KV, STRANDED COPPER, XLPE INSULATION, LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE, FLAME RETARDANT.

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

LEGEND

HOLDS

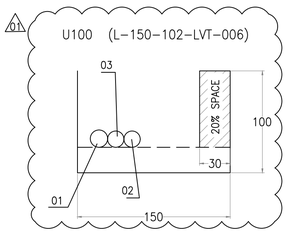
01 U102 (L-150-102-LVT-004)



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SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	P-EJB-200N1-02-L1-10	Normal Lighting JB	EJB-200N1-02-L1-19	EJB-200N1-02-L1-10	POWER CABLE	P5	3G4
2	P-EJB-200N1-08-L1-19	Emergency Lighting JB	EJB-200N1-08-L1-18	EJB-200N1-08-L1-19	POWER CABLE	P5	4G4_E

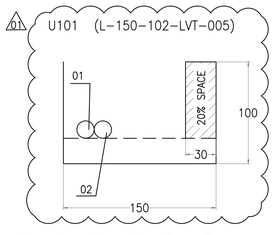
01 U100 (L-150-102-LVT-006)



01

SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	P-EJB-200N1-02-L1-11	Normal Lighting JB	EJB-200N1-02-L1-12	EJB-200N1-02-L1-11	POWER CABLE	P5	3G4
2	P-EJB-200N1-08-L1-10	Emergency Lighting JB	EJB-200N1-08-L1-11	EJB-200N1-08-L1-10	POWER CABLE	P5	4G4_E
3	P-EJB-200N1-08-L1-20	Emergency Lighting JB	EJB-200N1-08-L1-10	EJB-200N1-08-L1-20	POWER CABLE	P5	4G4_E

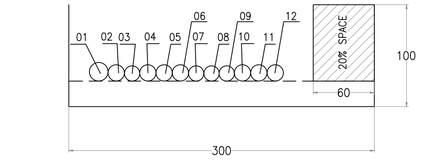
01 U101 (L-150-102-LVT-005)



01

SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	P-EJB-200N1-02-L1-15	Normal Lighting JB	EJB-200N1-02-L1-14	EJB-200N1-02-L1-15	POWER CABLE	P5	3G4
2	P-EJB-200N1-02-L1-16	Normal Lighting JB	EJB-200N1-02-L1-15	EJB-200N1-02-L1-16	POWER CABLE	P5	3G4

01 U105 (L-300-102-LVT-009)



01

SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	72203-CEL	Top Obstruction Lights Junction Box	NC-200F2	EJB-200F2-01	POWER CABLE	P5	3G2.5
2	P-EJB-200N1-08-L1-01	Emergency Lighting JB	EJB-200N1-08-L1-04	EJB-200N1-08-L1-01	POWER CABLE	P4	4G4_E
3	P-EJB-200N1-02-L1-02	Normal Lighting JB	EJB-200N1-02-L1-01	EJB-200N1-02-L1-02	POWER CABLE	P5	3G4
4	72211-CEL	Intermediate obstruction lights junction box	NC-200F2	EJB-200F2-02	POWER CABLE	P5	3G2.5
5	72212-CEL	Intermediate Obstruction Red Lights	EJB-200F2-02	EOL-200-03	POWER CABLE	P5	3G2.5
6	72213-CEL	Intermediate Obstruction Red Lights	EJB-200F2-02	EOL-200-04	POWER CABLE	P5	3G2.5
7	P-EJB-200N1-02-L1-05	Normal Lighting JB	EJB-200N1-02-L1-02	EJB-200N1-02-L1-05	POWER CABLE	P5	3G4
8	P-EJB-200N1-02-L1-07	Normal Lighting JB	EJB-200N1-02-L1-02	EJB-200N1-02-L1-07	POWER CABLE	P5	3G4
9	P-EJB-200N1-02-L1-03	Normal Lighting JB	EJB-200N1-02-L1-02	EJB-200N1-02-L1-03	POWER CABLE	P5	3G4
10	P-EJB-200N1-08-L1-07	Emergency Lighting JB	EJB-200N1-08-L1-01	EJB-200N1-08-L1-07	POWER CABLE	P5	4G4_E
11	P-EJB-200N1-08-L1-06	Emergency Lighting JB	EJB-200N1-08-L1-07	EJB-200N1-08-L1-06	POWER CABLE	P5	4G4_E
12	P-EJB-200N1-08-L1-03	Emergency Lighting JB	EJB-200N1-08-L1-01	EJB-200N1-08-L1-03	POWER CABLE	P5	4G4_E

REFERENCE DOCUMENTS

123A90-DDL-PP-DL-70070	PLOT PLAN - LOWER & UPPER DECK
123A90-DDL-EL-DL-20100	ELECTRICAL EQUIPMENT LAYOUT - TOP DECK
123A90-DDL-EL-DD-20093	ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM
123A90-DDL-EL-DL-20108	ELECTRICAL CABLES ROUTING LAYOUT - LOWER DECK
123A90-DDL-EL-DL-20109	ELECTRICAL CABLES ROUTING LAYOUT - BELOW LOWER DECK
123A90-DDL-EL-LIS-20148	ELECTRICAL POWER & CONTROL CABLE SCHEDULE
123A90-DDL-EL-DG-20125	LIGHTING & SOCKET CIRCUIT DIAGRAM

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	30/07/24	ASR	FMA/AMA	FPA/DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	14/06/24	ASR	FMA/AMA	FPA/DLO	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
ELECTRICAL CABLES ROUTING LAYOUT
TOP DECK

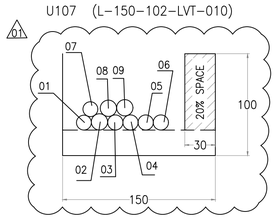
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A1	DRAWING NO. 123A90-DDL-EL-DL-20107	SHEET 4of7	REV. 01

File Name : 123A90-DDL-EL-DL-20107

DRAWING NO. 123A90-DDL-EL-DL-20107

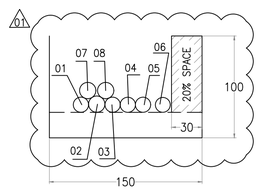
REV. 01

U107 (L-150-102-LVT-010)



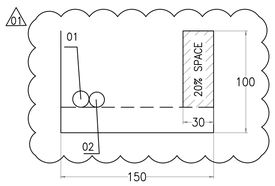
SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	P-ELF-200N1-08-L1-01	UPPER DECK EMERGENCY LIGHTING FIXTURE	EJB-200N1-08-L1-01	ELF-200N1-08-L1-01	POWER CABLE	P5	4G2.5_E
2	P-EJB-200N1-08-L1-01	Emergency Lighting JB	EJB-200N1-08-L1-04	EJB-200N1-08-L1-01	POWER CABLE	P4	4G4_E
3	P-EJB-200N1-02-L1-02	Normal Lighting JB	EJB-200N1-02-L1-01	EJB-200N1-02-L1-02	POWER CABLE	P5	3G4
4	P-EJB-200N1-02-L1-05	Normal Lighting JB	EJB-200N1-02-L1-02	EJB-200N1-02-L1-05	POWER CABLE	P5	3G4
5	P-EJB-200N1-02-L1-07	Normal Lighting JB	EJB-200N1-02-L1-02	EJB-200N1-02-L1-07	POWER CABLE	P5	3G4
6	P-EJB-200N1-02-L1-03	Normal Lighting JB	EJB-200N1-02-L1-02	EJB-200N1-02-L1-03	POWER CABLE	P5	3G4
7	P-ELF-200N1-08-L1-02	Emergency Lighting Fixture	ELF-200N1-08-L1-01	ELF-200N1-08-L1-02	POWER CABLE	P5	4G2.5_E
8	P-EJB-200N1-08-L1-07	Emergency Lighting JB	EJB-200N1-08-L1-01	EJB-200N1-08-L1-07	POWER CABLE	P5	4G4_E
9	P-EJB-200N1-08-L1-03	Emergency Lighting JB	EJB-200N1-08-L1-01	EJB-200N1-08-L1-03	POWER CABLE	P5	4G4_E

(L-150-102-LVT-014)



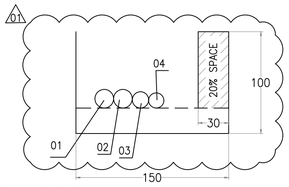
SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	P-EJB-200N1-02-L1-05	Normal Lighting JB	EJB-200N1-02-L1-02	EJB-200N1-02-L1-05	POWER CABLE	P5	3G4
2	P-EJB-200N1-08-L1-01	Emergency Lighting JB	EJB-200N1-08-L1-04	EJB-200N1-08-L1-01	POWER CABLE	P4	4G4_E
3	P-EJB-200N1-02-L1-02	Normal Lighting JB	EJB-200N1-02-L1-01	EJB-200N1-02-L1-02	POWER CABLE	P5	3G4
4	P-EJB-200N1-02-L1-07	Normal Lighting JB	EJB-200N1-02-L1-02	EJB-200N1-02-L1-07	POWER CABLE	P5	3G4
5	P-EJB-200N1-02-L1-03	Normal Lighting JB	EJB-200N1-02-L1-02	EJB-200N1-02-L1-03	POWER CABLE	P5	3G4
6	P-ELF-200N1-08-L1-01	Emergency Lighting Fixture	EJB-200N1-08-L1-01	ELF-200N1-08-L1-01	POWER CABLE	P5	4G2.5_E
7	P-EJB-200N1-08-L1-07	Emergency Lighting JB	EJB-200N1-08-L1-01	EJB-200N1-08-L1-07	POWER CABLE	P5	4G4_E
8	P-EJB-200N1-08-L1-03	Emergency Lighting JB	EJB-200N1-08-L1-01	EJB-200N1-08-L1-03	POWER CABLE	P5	4G4_E

U106 (L-150-102-LVT-011)



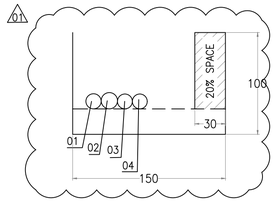
SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	P-EJB-200N1-08-L1-05	Emergency Lighting JB	EJB-200N1-08-L1-07	EJB-200N1-08-L1-05	POWER CABLE	P5	4G4_E
2	P-EJB-200N1-02-L1-05	Normal Lighting JB	EJB-200N1-02-L1-02	EJB-200N1-02-L1-05	POWER CABLE	P5	3G4

U104 (L-150-102-LVT-012)



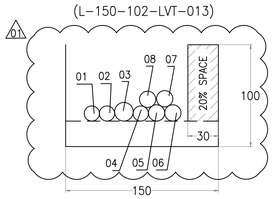
SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	72204-CEL	Top Obstruction Red Lights (MEDIUM INTENSITY)	EJB-200F2-01	EOL-200-01	POWER CABLE	P5	3G2.5
2	72205-CEL	Top Obstruction Red Lights (MEDIUM INTENSITY)	EJB-200F2-01	EOL-200-02	POWER CABLE	P5	3G2.5
3	P-EJB-200N1-02-L1-06	Normal Lighting JB	EJB-200N1-02-L1-07	EJB-200N1-02-L1-06	POWER CABLE	P5	3G4
4	P-EJB-200N1-08-L1-06	Emergency Lighting JB	EJB-200N1-08-L1-07	EJB-200N1-08-L1-06	POWER CABLE	P5	4G4_E

U108 (L-150-102-LVT-008)

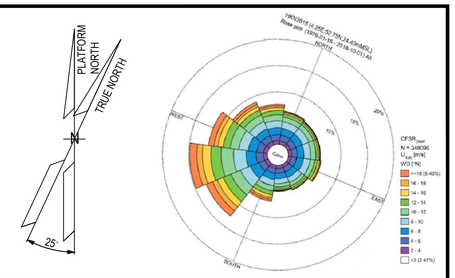


SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	P-EJB-200N1-02-L1-09	Normal Lighting JB	EJB-200N1-02-L1-08	EJB-200N1-02-L1-09	POWER CABLE	P5	3G4
2	P-EJB-200N1-08-L1-08	Emergency Lighting JB	EJB-200N1-08-L1-03	EJB-200N1-08-L1-08	POWER CABLE	P5	4G4_E
3	P-ELF-200N1-08-L1-09	Emergency Lighting Fixture	EJB-200N1-08-L1-08	ELF-200N1-08-L1-09	POWER CABLE	P5	4G2.5_E
4	P-ELF-200N1-08-L1-08	Emergency Lighting Fixture	EJB-200N1-08-L1-09	ELF-200N1-08-L1-08	POWER CABLE	P5	4G2.5_E

(L-150-102-LVT-013)



SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	P-EJB-200N1-02-L1-03	Normal Lighting JB	EJB-200N1-02-L1-02	EJB-200N1-02-L1-03	POWER CABLE	P5	3G4
2	P-EJB-200N1-02-L1-08	Normal Lighting JB	EJB-200N1-02-L1-03	EJB-200N1-02-L1-08	POWER CABLE	P5	3G4
3	P-ELF-200N1-02-L1-14	Normal Lighting Fixture	EJB-200N1-02-L1-03	ELF-200N1-02-L1-14	POWER CABLE	P5	3G2.5
4	P-EJB-200N1-02-L1-13	Normal Lighting JB	EJB-200N1-02-L1-03	EJB-200N1-02-L1-13	POWER CABLE	P5	3G4
5	P-EJB-200N1-08-L1-03	Emergency Lighting JB	EJB-200N1-08-L1-01	EJB-200N1-08-L1-03	POWER CABLE	P5	4G4_E
6	P-EJB-200N1-08-L1-08	Emergency Lighting JB	EJB-200N1-08-L1-03	EJB-200N1-08-L1-08	POWER CABLE	P5	4G4_E
7	P-EJB-200N1-08-L1-09	Emergency Lighting JB	EJB-200N1-08-L1-03	EJB-200N1-08-L1-09	POWER CABLE	P5	4G4_E
8	P-EJB-200N1-08-L1-12	Emergency Lighting JB	EJB-200N1-08-L1-03	EJB-200N1-08-L1-12	POWER CABLE	P5	4G4_E



NOTES

1.ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.

2.ELEVATIONS REFER TO T.O.S.

CABLE TYPE DETAILS

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

P3 – SINGLE CORE, 0.6/1 KV, STRANDED COPPER, EPR INSULATION, LSZH, PVC, 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.

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.

LEGEND

HOLDS

REFERENCE DOCUMENTS

123A90-DDL-PP-DL-70070	PLOT PLAN - LOWER & UPPER DECK
123A90-DDL-EL-DL-20100	ELECTRICAL EQUIPMENT LAYOUT - TOP DECK
123A90-DDL-EL-DD-20093	ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM
123A90-DDL-EL-DL-20108	ELECTRICAL CABLES ROUTING LAYOUT - LOWER DECK
123A90-DDL-EL-DL-20109	ELECTRICAL CABLES ROUTING LAYOUT - BELOW LOWER DECK
123A90-DDL-EL-LIS-20148	ELECTRICAL POWER & CONTROL CABLE SCHEDULE
123A90-DDL-EL-DG-20125	LIGHTING & SOCKET CIRCUIT DIAGRAM

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	30/07/24	ASR	FMA/AMA	FPA/DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	14/06/24	ASR	FMA/AMA	FPA/DLO	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
ELECTRICAL CABLES ROUTING LAYOUT
TOP DECK

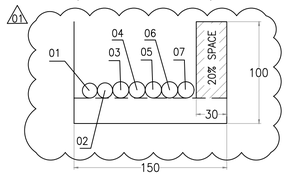
CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK			SCALE 1:50
DRAWN ASR	CHECKED FMA/AMA	APPROVED FPA/DLO	DATE 30/07/24
A1	DRAWING NO. 123A90-DDL-EL-DL-20107	SHEET 5of7	REV. 01

File Name : 123A90-DDL-EL-DL-20107

DRAWING NO. 123A90-DDL-EL-DL-20107

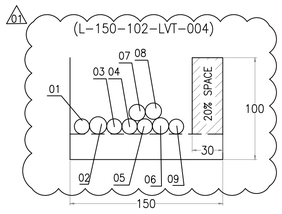
REV. 01

(L-150-102-LVT-003)



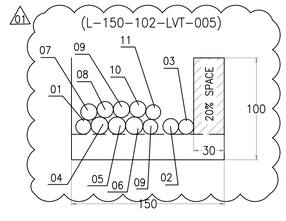
SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	P-ELF-200N1-10-L3-02	Stair Emergency Lighting Fixture	EJB-200N1-10-L3-03	ELF-200N1-10-L3-02	POWER CABLE	P4	4G2.5_E
2	P-EJB-200N1-02-L1-17	Normal Lighting JB	EJB-200N1-02-L1-18	EJB-200N1-02-L1-17	POWER CABLE	P5	3G4
3	P-EJB-200N1-08-L1-16	Emergency Lighting JB	EJB-200N1-08-L1-04	EJB-200N1-08-L1-16	POWER CABLE	P5	4G4_E
4	P-EJB-200N1-08-L1-17	Emergency Lighting JB	EJB-200N1-08-L1-16	EJB-200N1-08-L1-17	POWER CABLE	P5	4G4_E
5	P-EJB-200N1-08-L1-15	Emergency Lighting JB	EJB-200N1-08-L1-16	EJB-200N1-08-L1-15	POWER CABLE	P5	4G4_E
6	P-EJB-200N1-08-L1-14	Emergency Lighting JB	EJB-200N1-08-L1-15	EJB-200N1-08-L1-14	POWER CABLE	P5	4G4_E
7	P-EJB-200N1-10-L3-03	Stair Emergency Lighting JB	EJB-200N1-10-L3-02	EJB-200N1-10-L3-03	POWER CABLE	P4	4G4_E

(L-150-102-LVT-004)



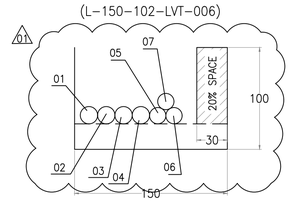
SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	72202-CEL	NAV AIDS Main Yellow Lanterns	NC-200F2	EML-200-02	POWER CABLE	P5	2C X 2.5
2	P-EPH-200N1-01	Twilight Relay Sensor	DP-200N1	EPH-200N1-01	POWER CABLE	P5	3G4
3	P-EJB-200N1-02-L1-19	Normal Lighting JB	EJB-200N1-02-L1-01	EJB-200N1-02-L1-19	POWER CABLE	P5	3G4
4	P-EJB-200N1-02-L1-10	Normal Lighting JB	EJB-200N1-02-L1-19	EJB-200N1-02-L1-10	POWER CABLE	P5	3G4
5	P-EJB-200N1-02-L1-18	Normal Lighting JB	EJB-200N1-02-L1-19	EJB-200N1-02-L1-18	POWER CABLE	P5	3G4
6	P-EJB-200N1-08-L1-17	Emergency Lighting JB	EJB-200N1-08-L1-16	EJB-200N1-08-L1-17	POWER CABLE	P5	4G4_E
7	P-EJB-200N1-08-L1-18	Emergency Lighting JB	EJB-200N1-08-L1-17	EJB-200N1-08-L1-18	POWER CABLE	P5	4G4_E
8	P-EJB-200N1-08-L1-19	Emergency Lighting JB	EJB-200N1-08-L1-18	EJB-200N1-08-L1-19	POWER CABLE	P5	4G4_E
9	P-ELF-200N1-10-L3-02	Stair Emergency Lighting Fixture	EJB-200N1-10-L3-03	ELF-200N1-10-L3-02	POWER CABLE	P4	4G2.5_E

(L-150-102-LVT-005)



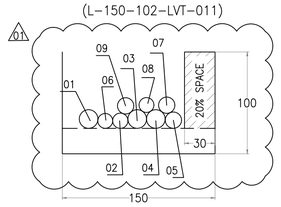
SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	72201-CEL	NAV AIDS Main Yellow Lanterns	NC-200F2	EML-200-01	POWER CABLE	P5	2C X 2.5
2	72217-CEC	NAV AIDS Visibility meter	NC-200F2	EVM-200-01	CONTROL CABLE	P7	7C X 1.5
3	72207-CEC	NAV AIDS Visibility meter	NC-200F2	EPH-200-01	CONTROL CABLE	P5	2C X 2.5
4	P-EJB-200N1-02-L1-14	Normal Lighting JB	EJB-200N1-02-L1-13	EJB-200N1-02-L1-14	POWER CABLE	P5	3G4
5	P-EJB-200N1-02-L1-15	Normal Lighting JB	EJB-200N1-02-L1-14	EJB-200N1-02-L1-15	POWER CABLE	P5	3G4
6	P-EJB-200N1-02-L1-16	Normal Lighting JB	EJB-200N1-02-L1-15	EJB-200N1-02-L1-16	POWER CABLE	P5	3G4
7	P-EJB-200N1-08-L1-12	Emergency Lighting JB	EJB-200N1-08-L1-03	EJB-200N1-08-L1-12	POWER CABLE	P5	4G4_E
8	P-EJB-200N1-08-L1-13	Emergency Lighting JB	EJB-200N1-08-L1-12	EJB-200N1-08-L1-13	POWER CABLE	P5	4G4_E
9	P-EJB-200N1-08-L1-11	Emergency Lighting JB	EJB-200N1-08-L1-12	EJB-200N1-08-L1-11	POWER CABLE	P5	4G4_E
10	P-EJB-200N1-10-L3-04	Stair Emergency Lighting JB	EJB-200N1-10-L3-01	EJB-200N1-10-L3-04	POWER CABLE	P5	4G4_E
11	P-ELF-200N1-10-L3-03	Stair Emergency Lighting Fixture	EJB-200N1-10-L3-04	ELF-200N1-10-L3-03	POWER CABLE	P4	4G2.5_E

(L-150-102-LVT-006)



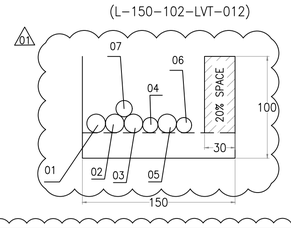
SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	P-EJB-200N1-02-L1-13	Normal Lighting JB	EJB-200N1-02-L1-03	EJB-200N1-02-L1-13	POWER CABLE	P5	3G4
2	P-EJB-200N1-02-L1-14	Normal Lighting JB	EJB-200N1-02-L1-13	EJB-200N1-02-L1-14	POWER CABLE	P5	3G4
3	P-EJB-200N1-02-L1-12	Normal Lighting JB	EJB-200N1-02-L1-13	EJB-200N1-02-L1-12	POWER CABLE	P5	3G4
4	P-EJB-200N1-02-L1-11	Normal Lighting JB	EJB-200N1-02-L1-12	EJB-200N1-02-L1-11	POWER CABLE	P5	3G4
5	P-EJB-200N1-08-L1-11	Emergency Lighting JB	EJB-200N1-08-L1-12	EJB-200N1-08-L1-11	POWER CABLE	P5	4G4_E
6	P-EJB-200N1-08-L1-10	Emergency Lighting JB	EJB-200N1-08-L1-11	EJB-200N1-08-L1-10	POWER CABLE	P5	4G4_E
7	P-EJB-200N1-08-L1-20	Emergency Lighting JB	EJB-200N1-08-L1-10	EJB-200N1-08-L1-20	POWER CABLE	P5	4G4_E

(L-150-102-LVT-011)

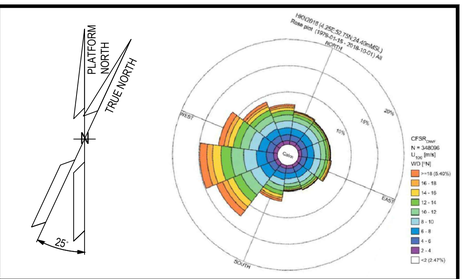


SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	72212-CEL	Intermediate Obstruction Red Lights	EJB-200F2-02	EOL-200-03	POWER CABLE	P5	3G2.5
2	P-EJB-200N1-02-L1-05	Normal Lighting JB	EJB-200N1-02-L1-02	EJB-200N1-02-L1-05	POWER CABLE	P5	3G4
3	P-ELF-200N1-02-L1-06	Normal Lighting Fixture	EJB-200N1-02-L1-05	ELF-200N1-02-L1-06	POWER CABLE	P5	3G2.5
4	P-ELF-200N1-02-L1-07	Normal Lighting Fixture	ELF-200N1-02-L1-06	ELF-200N1-02-L1-07	POWER CABLE	P5	3G2.5
5	P-EJB-200N1-08-L1-07	Emergency Lighting JB	EJB-200N1-08-L1-01	EJB-200N1-08-L1-07	POWER CABLE	P5	4G4_E
6	P-ELF-200N1-08-L1-03	Emergency Lighting Fixture	EJB-200N1-08-L1-07	ELF-200N1-08-L1-03	POWER CABLE	P5	4G2.5_E
7	P-EJB-200N1-08-L1-06	Emergency Lighting JB	EJB-200N1-08-L1-07	EJB-200N1-08-L1-06	POWER CABLE	P5	4G4_E
8	P-ELF-200N1-08-L1-04	Emergency Lighting JB	EJB-200N1-08-L1-05	ELF-200N1-08-L1-04	POWER CABLE	P5	4G2.5_E
9	P-EJB-200N1-08-L1-05	Emergency Lighting JB	EJB-200N1-08-L1-07	EJB-200N1-08-L1-05	POWER CABLE	P5	4G4_E

(L-150-102-LVT-012)



SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	72203-CEL	Top Obstruction Lights Junction Box	NC-200F2	EJB-200F2-01	POWER CABLE	P5	3G2.5
2	72204-CEL	Top Obstruction Red Lights (MEDIUM INTENSITY)	EJB-200F2-01	EOL-200-01	POWER CABLE	P5	3G2.5
3	72205-CEL	Top Obstruction Red Lights (MEDIUM INTENSITY)	EJB-200F2-01	EOL-200-02	POWER CABLE	P5	3G2.5
4	P-EJB-200N1-02-L1-07	Normal Lighting JB	EJB-200N1-02-L1-02	EJB-200N1-02-L1-07	POWER CABLE	P5	3G4
5	P-ELF-200N1-02-L1-10	Normal Lighting Fixture	EJB-200N1-02-L1-07	ELF-200N1-02-L1-10	POWER CABLE	P5	3G2.5
6	P-EJB-200N1-02-L1-06	Normal Lighting JB	EJB-200N1-02-L1-07	EJB-200N1-02-L1-06	POWER CABLE	P5	3G4
7	P-EJB-200N1-08-L1-06	Emergency Lighting JB	EJB-200N1-08-L1-07	EJB-200N1-08-L1-06	POWER CABLE	P5	4G4_E



NOTES

1.ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.

2.ELEVATIONS REFER TO T.O.S.

CABLE TYPE DETAILS

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

P3 – SINGLE CORE, 0.6/1 KV, STRANDED COPPER, EPR INSULATION, LSZH, PVC, 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.

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.

LEGEND

HOLDS

REFERENCE DOCUMENTS

123A90-DDL-PP-DL-70070	PLOT PLAN - LOWER & UPPER DECK
123A90-DDL-EL-DL-20100	ELECTRICAL EQUIPMENT LAYOUT - TOP DECK
123A90-DDL-EL-DD-20093	ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM
123A90-DDL-EL-DL-20108	ELECTRICAL CABLES ROUTING LAYOUT - LOWER DECK
123A90-DDL-EL-DL-20109	ELECTRICAL CABLES ROUTING LAYOUT - BELOW LOWER DECK
123A90-DDL-EL-LIS-20148	ELECTRICAL POWER & CONTROL CABLE SCHEDULE
123A90-DDL-EL-DG-20125	LIGHTING & SOCKET CIRCUIT DIAGRAM

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	30/07/24	ASR	FMA/AMA	FPA/DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	14/06/24	ASR	FMA/AMA	FPA/DLO	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
ELECTRICAL CABLES ROUTING LAYOUT
TOP DECK

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE 1:50

DRAWN ASR | CHECKED FMA/AMA | APPROVED FPA/DLO | DATE 30/07/24

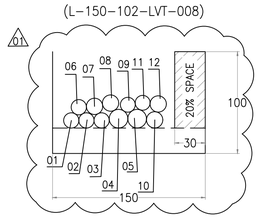
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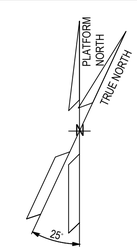
REV. 01

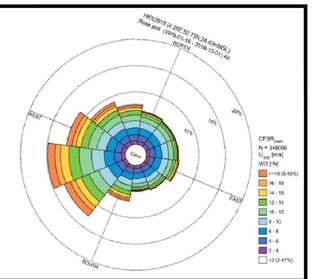
(L-150-102-LVT-008)



01

SECTION POS.	CABLE TAG NUMBER	DESCRIPTION	FROM	TO	SERVICE TYPE	CABLE TYPE	CABLE CROSS SECTION (sq.mm)
1	P-EJB-200N1-02-L1-03	Normal Lighting JB	EJB-200N1-02-L1-02	EJB-200N1-02-L1-03	POWER CABLE	P5	3G4
2	P-EJB-200N1-02-L1-08	Normal Lighting JB	EJB-200N1-02-L1-03	EJB-200N1-02-L1-08	POWER CABLE	P5	3G4
3	P-EJB-200N1-02-L1-09	Normal Lighting JB	EJB-200N1-02-L1-08	EJB-200N1-02-L1-09	POWER CABLE	P5	3G4
4	P-ELF-200N1-02-L1-12	Normal Lighting Fixture	EJB-200N1-02-L1-09	ELF-200N1-02-L1-12	POWER CABLE	P5	3G2.5
5	P-ELF-200N1-02-L1-14	Normal Lighting Fixture	EJB-200N1-02-L1-03	ELF-200N1-02-L1-14	POWER CABLE	P5	3G2.5
6	P-EJB-200N1-02-L1-13	Normal Lighting JB	EJB-200N1-02-L1-03	EJB-200N1-02-L1-13	POWER CABLE	P5	3G4
7	P-EJB-200N1-08-L1-03	Emergency Lighting JB	EJB-200N1-08-L1-01	EJB-200N1-08-L1-03	POWER CABLE	P5	4G4_E
8	P-EJB-200N1-08-L1-08	Emergency Lighting JB	EJB-200N1-08-L1-03	EJB-200N1-08-L1-08	POWER CABLE	P5	4G4_E
9	P-ELF-200N1-08-L1-09	Emergency Lighting Fixture	EJB-200N1-08-L1-08	ELF-200N1-08-L1-09	POWER CABLE	P5	4G2.5_E
10	P-EJB-200N1-08-L1-09	Emergency Lighting JB	EJB-200N1-08-L1-03	EJB-200N1-08-L1-09	POWER CABLE	P5	4G4_E
11	P-ELF-200N1-08-L1-08	Emergency Lighting Fixture	EJB-200N1-08-L1-09	ELF-200N1-08-L1-08	POWER CABLE	P5	4G2.5_E
12	P-EJB-200N1-08-L1-12	Emergency Lighting JB	EJB-200N1-08-L1-03	EJB-200N1-08-L1-12	POWER CABLE	P5	4G4_E





NOTES

1.ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.

2.ELEVATIONS REFER TO T.O.S.

CABLE TYPE DETAILS

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

P3 – SINGLE CORE, 0.6/1 KV, STRANDED COPPER, EPR INSULATION, LSZH, PVC, 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.

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.

LEGEND

HOLDS

REFERENCE DOCUMENTS

123A90-DDL-PP-DL-70070	PLOT PLAN - LOWER & UPPER DECK
123A90-DDL-EL-DL-20100	ELECTRICAL EQUIPMENT LAYOUT - TOP DECK
123A90-DDL-EL-DD-20093	ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM
123A90-DDL-EL-DL-20108	ELECTRICAL CABLES ROUTING LAYOUT - LOWER DECK
123A90-DDL-EL-DL-20109	ELECTRICAL CABLES ROUTING LAYOUT - BELOW LOWER DECK
123A90-DDL-EL-LIS-20148	ELECTRICAL POWER & CONTROL CABLE SCHEDULE
123A90-DDL-EL-DG-20125	LIGHTING & SOCKET CIRCUIT DIAGRAM

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	30/07/24	ASR	FMA/AMA	FPA/DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	14/06/24	ASR	FMA/AMA	FPA/DLO	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
ELECTRICAL CABLES ROUTING LAYOUT
TOP DECK

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK			SCALE 1:50
DRAWN ASR	CHECKED FMA/AMA	APPROVED FPA/DLO	DATE 30/07/24
A1	DRAWING NO. 123A90-DDL-EL-DL-20107	SHEET 7of7	REV. 01

File Name : 123A90-DDL-EL-DL-20107