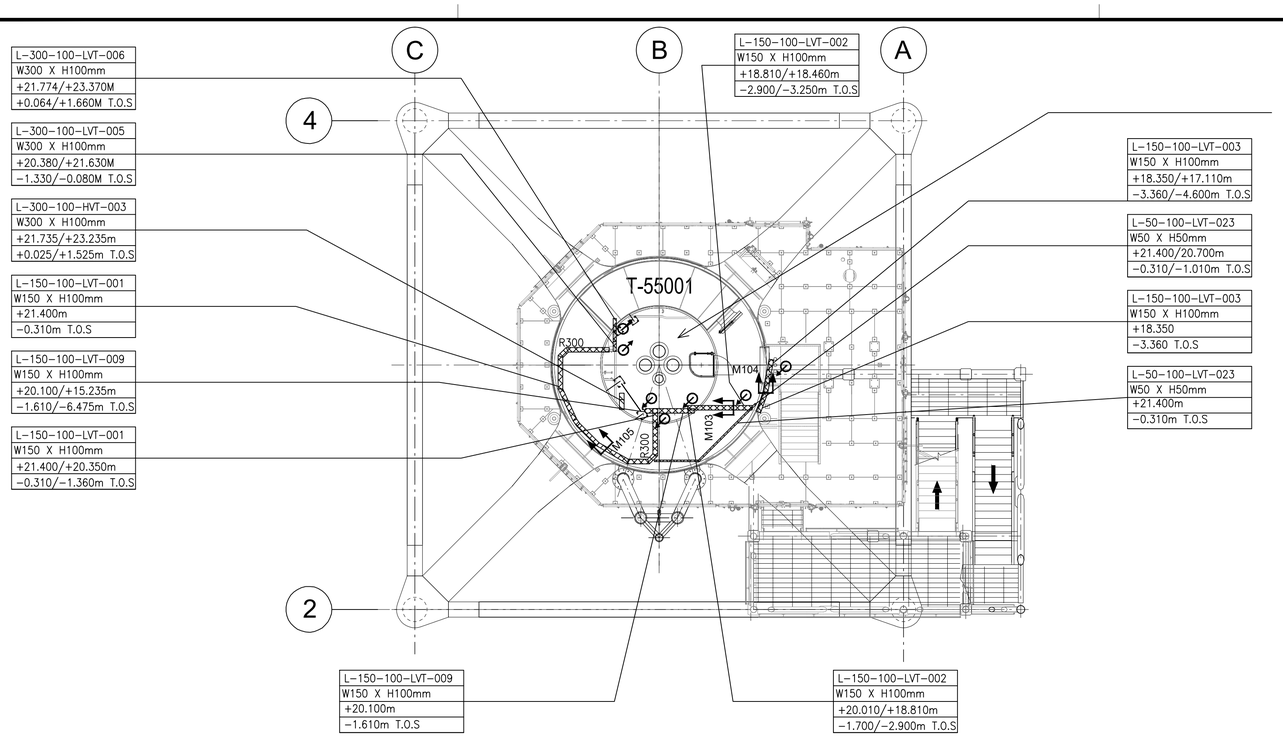
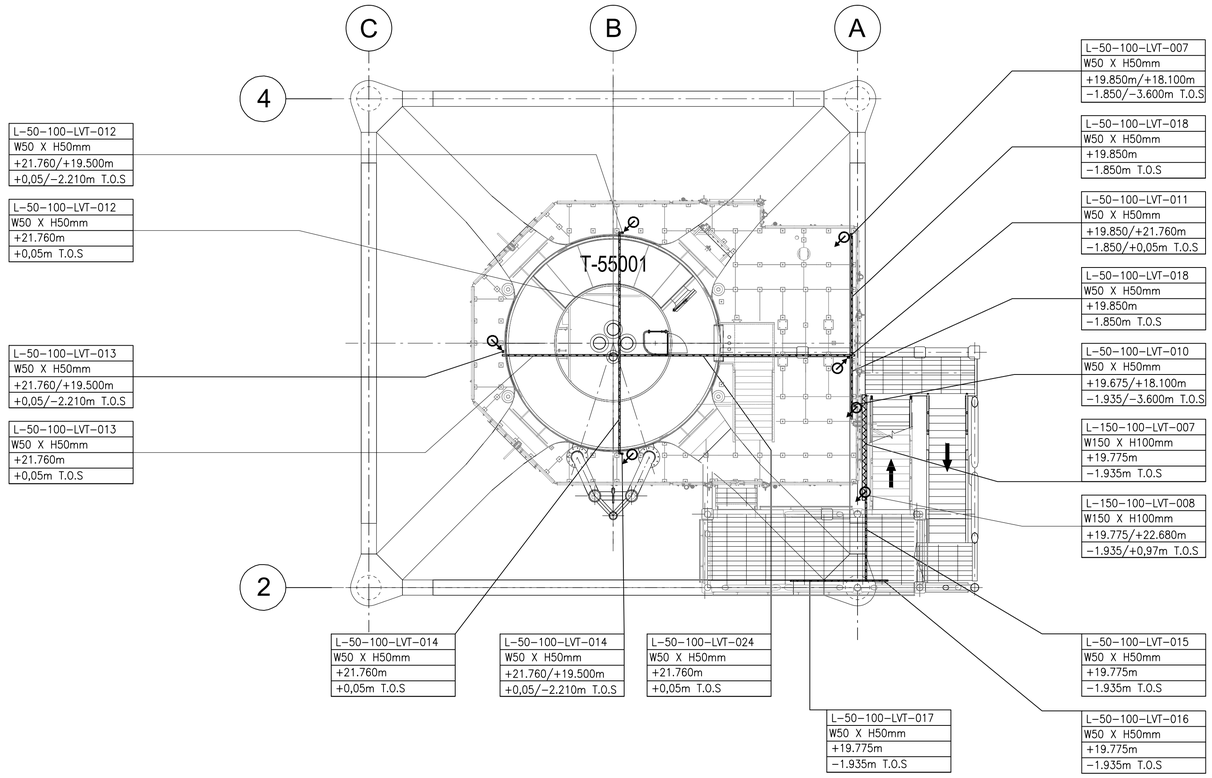
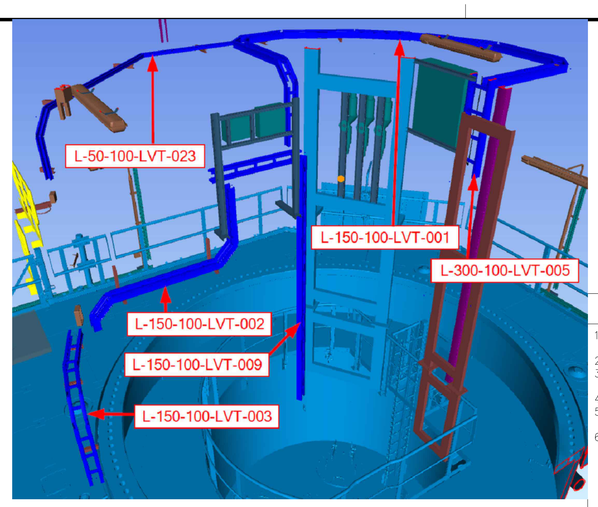
DRAWING NO. 123A90-DDL-EL-DL-20109

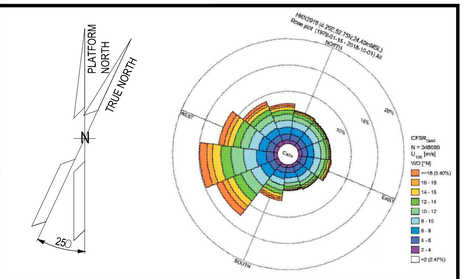
REV. 03




# PLAN ON TRANSITION PIECE
# EL+21.710 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 CABLE TRAYS ROUTES MAY BE MODIFIED DURING CONSTRUCTION WITHOUT OFFICIAL APPROVAL.

## LEGEND

- ELECTRICAL 66 KV CABLE TRAY
- ELECTRICAL LV CABLE TRAY
- ELECTRICAL CABLE TRAY VERTICAL RAISE
- ELECTRICAL CABLE TRAY VERTICAL DROP
- CABLE TRAY ELEVATION CHANGE
- M101 — CABLE TRAY SECTION BELOW LOWER DECK

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

## HOLDS

## REFERENCE DOCUMENTS

| | |
|---|---|
| 123A90-DDL-PP-DL-70071 | PLOT PLAN - BELOW LOWER DECK |
| 123A90-DDL-EL-DL-20102 | ELECTRICAL EQUIPMENT LAYOUT - BELOW LOWER DECK |
| 123A90-DDL-EL-DD-20093 | ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM |
| 123A90-DDL-EL-DL-20107 | ELECTRICAL CABLES ROUTING LAYOUT - TOP DECK |
| 123A90-DDL-EL-DL-20108 | ELECTRICAL CABLES ROUTING LAYOUT - LOWER DECK |
| 123A90-DDL-EL-LIS-20148 | ELECTRICAL POWER & CONTROL CABLE SCHEDULE |

| REV. | DATE | DRN | CHKD | APPD | DESCRIPTION |
|---|---|---|---|---|---|
| 03 | 15/09/25 | PS | CGI | CGI | ASBUILT (ASB) |
| 02 | 10/10/24 | AMA | CGI | DLO | ACCEPTED FOR CONSTRUCTION (AFC) |
| 01 | 30/07/24 | ASR | FMA/AMA | FPA/DLO | ACCEPTED FOR CONSTRUCTION (AFC) |
| 00 | 09/07/24 | ASR | FMA/AMA | FPA/DLO | ISSUE FOR REVIEW (IFR) |

CROSSWIND

ROSETTI MARINO

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

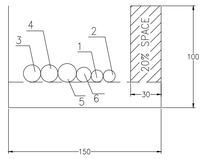
| | | | |
|---|---|---|---|
| CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | | | SCALE 1:100 |
| DRAWN AMA | CHECKED CGI | APPROVED DLO | DATE 10/10/24 |
| A1 | DRAWING NO. 123A90-DDL-EL-DL-20109 | SHEET 1of4 | REV. 03 |

File Name : 123A90-DDL-EL-DL-20109

DRAWING NO. 123A90-DDL-EL-DL-20109

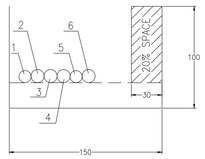
REV. 03

## M105 (L-150-100-LVT-001)




| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | 5W2.1 | ICCP JB EXTERNAL | CN-200N1 | EAJ-200-02 | CONTROL CABLE | C1 | 2C X 2.5 |
| 2 | 6W2.1 | ICCP JB INTERNAL | CN-200N1 | EAJ-200-01 | CONTROL CABLE | C1 | 2C X 2.5 |
| 3 | 7WD3 | ICCP JB EXTERNAL | CN-200N1 | EAJ-200-02 | POWER CABLE | C2 | 1C X 70 |
| 4 | 7WD6.1 | ICCP JB INTERNAL | CN-200N1 | EAJ-200-01 | POWER CABLE | C2 | 1C X 70 |
| 5 | P-ELS-200N1-09-L2-01 | LOCAL SWITCH | EJB-200N1-09-L2-04 | ELS-200N1-09-L2-01 | POWER CABLE | P4 | 4G4_E |
| 6 | P-ELF-200N1-09-L2-24 | EMERGENCY LIGHTING FIXTURE | ELF-200N1-09-L2-25 | ELF-200N1-09-L2-24 | POWER CABLE | P4 | 4G2.5_E |

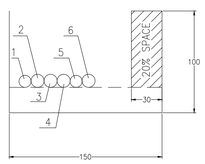
## M103 (L-150-100-LVT-002)




| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | UMD80FR001-WG031 5W2.2 | EXTERNAL REFERENCE CELL | EAJ-200-02 | 5FR2 +7FR1 | REFERENCE CELL CABLE | BY VENDOR | 2C X 2.5 |
| 2 | UMD80FR001-WD041 7W2 | EXTERNAL REFERENCE CELL | EAJ-200-02 | 5FR2 +7FR1 | ANODE CABLE | BY VENDOR | 1C X 16 |
| 3 | UMD80FR001-WD042 7W3 | EXTERNAL ANODE | EAJ-200-02 | 7FR2 | ANODE CABLE | BY VENDOR | 1C X 16 |
| 4 | UMD80FR001-WD043 7W3.1 | EXTERNAL ANODE | EAJ-200-02 | 7FR3 | ANODE CABLE | BY VENDOR | 1C X 16 |
| 5 | UMD80FR001-WG032 5W3 | EXTERNAL REFERENCE CELL | EAJ-200-02 | 5FR3 +7FR4 | REFERENCE CELL CABLE | BY VENDOR | 2C X 2.5 |
| 6 | UMD80FR001-WD044 7W3.2 | EXTERNAL REFERENCE CELL | EAJ-200-02 | 5FR3 +7FR4 | ANODE CABLE | BY VENDOR | 1C X 16 |

NOTE-3

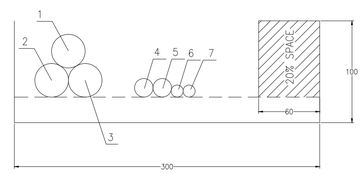
## M104 (L-150-100-LVT-003)




| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | UMD80FR001-WG031 5W2.2 | EXTERNAL REFERENCE CELL | EAJ-200-02 | 5FR2 +7FR1 | REFERENCE CELL CABLE | BY VENDOR | 2C X 2.5 |
| 2 | UMD80FR001-WD041 7W2 | EXTERNAL REFERENCE CELL | EAJ-200-02 | 5FR2 +7FR1 | ANODE CABLE | BY VENDOR | 1C X 16 |
| 3 | UMD80FR001-WD042 7W3 | EXTERNAL ANODE | EAJ-200-02 | 7FR2 | ANODE CABLE | BY VENDOR | 1C X 16 |
| 4 | UMD80FR001-WD043 7W3.1 | EXTERNAL ANODE | EAJ-200-02 | 7FR3 | ANODE CABLE | BY VENDOR | 1C X 16 |
| 5 | UMD80FR001-WG032 5W3 | EXTERNAL REFERENCE CELL | EAJ-200-02 | 5FR3 +7FR4 | REFERENCE CELL CABLE | BY VENDOR | 2C X 2.5 |
| 6 | UMD80FR001-WD044 7W3.2 | EXTERNAL REFERENCE CELL | EAJ-200-02 | 5FR3 +7FR4 | ANODE CABLE | BY VENDOR | 1C X 16 |

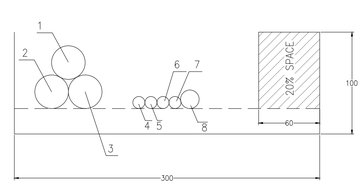
NOTE-3

## L-300-100-LVT-005



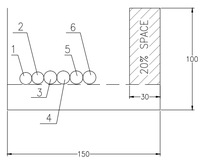

| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | 83002-CEL-L1 | LV SWBD 800/460V | JB-200E1 | SG-200D2 | POWER CABLE | P3 | 1C x 300 |
| 2 | 83002-CEL-L2 | LV SWBD 800/460V | JB-200E1 | SG-200D2 | POWER CABLE | P3 | 1C x 300 |
| 3 | 83002-CEL-L3 | LV SWBD 800/460V | JB-200E1 | SG-200D2 | POWER CABLE | P3 | 1C x 300 |
| 4 | 5W2.1 | ICCP JB EXTERNAL | CN-200N1 | EAJ-200-02 | CONTROL | C1 | 2C x 2.5 |
| 5 | 6W2.1 | ICCP JB INTERNAL | CN-200N1 | EAJ-200-01 | CONTROL | C1 | 2C x 2.5 |
| 6 | 7WD3 | ICCP JB EXTERNAL | CN-200N1 | EAJ-200-02 | POWER CABLE | C2 | 1C x 70 |
| 7 | 7WD6.1 | ICCP JB INTERNAL | CN-200N1 | EAJ-200-01 | POWER CABLE | C2 | 1C x 70 |

## L-300-100-LVT-006



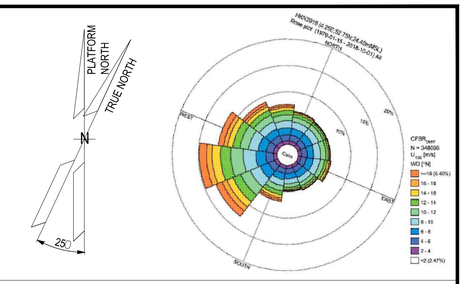

| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | 83002-CEL-L1 | LV SWBD 800/460V | JB-200E1 | SG-200D2 | POWER CABLE | P3 | 1C x 300 |
| 2 | 83002-CEL-L2 | LV SWBD 800/460V | JB-200E1 | SG-200D2 | POWER CABLE | P3 | 1C x 300 |
| 3 | 83002-CEL-L3 | LV SWBD 800/460V | JB-200E1 | SG-200D2 | POWER CABLE | P3 | 1C x 300 |
| 4 | 5W2.1 | CCP JB EXTERNAL | CN-200N1 | EAJ-200-02 | CONTROL CABLE | C1 | 2C X 2.5 |
| 5 | 6W2.1 | ICCP JB INTERNAL | CN-200N1 | EAJ-200-01 | CONTROL CABLE | C1 | 2C X 2.5 |
| 6 | 7WD3 | ICCP JB EXTERNAL | CN-200N1 | EAJ-200-02 | POWER CABLE | C2 | 1C X 70 |
| 7 | 7WD6.1 | ICCP JB INTERNAL | CN-200N1 | EAJ-200-01 | POWER CABLE | C2 | 1C X 70 |
| 8 | P-ELS-200N1-09-L2-01 | LOCAL SWITCH | EJB-200N1-09-L2-04 | ELS-200N1-09-L2-01 | POWER CABLE | P4 | 4G4_E |

## L-150-100-LVT-009




| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | UMD80FR001-WG051 TOP 6W2.2 | INTERNAL REFERENCE CELL | EAJ-200-01 | 6FR2 | REFERENCE CELL CABLE | BY VENDOR | 2C X 2.5 |
| 2 | UMD80FR001-WG052 BOTTOM 6W3 | INTERNAL REFERENCE CELL | EAJ-200-01 | 6FR3 | REFERENCE CELL CABLE | BY VENDOR | 2C X 2.5 |
| 3 | UMD80FR001-WD061 7WD6 | INTERNAL ANODE | EAJ-200-01 | 7FR6 | ANODE CABLE | BY VENDOR | 1C X 16 |
| 4 | UMD80FR001-WD062 7WD7 | INTERNAL ANODE | EAJ-200-01 | 7FR7 | ANODE CABLE | BY VENDOR | 1C X 16 |
| 5 | UMD80FR001-WD063 7WD7.1 | INTERNAL ANODE | EAJ-200-01 | 7FR7.1 | ANODE CABLE | BY VENDOR | 1C X 16 |
| 6 | UMD80FR001-WD064 7WD7.2 | INTERNAL ANODE | EAJ-200-01 | 7FR7.2 | ANODE CABLE | BY VENDOR | 1C X 16 |

NOTE-3




## NOTES

1.ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.
2.ELEVATIONS REFER TO T.O.S.
3.THE CATHODIC PROTECTION SYSTEM – ANODE CABLES ARE IN ICCP VENDOR'S SCOPE OF WORKS.

CABLE TYPE DETAILS

P1 – SINGLE CORE, 36/66 (72.5) KV, CU/EPR/CU/LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE
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.
C1– SPECIAL SIGNAL CABLE, XLPE INSULATED, TIN COPPER BRAIDED SCREEN PUR JACKET
C2– SINGLE CORE 0.6/1KV XLPE., FLAME RETARDANT, LSZH, UNARMOURED POWER CABLE

## LEGEND

## HOLDS

## REFERENCE DOCUMENTS

| | |
|---|---|
| 123A90-DDL-PP-DL-70071 | PLOT PLAN - BELOW LOWER DECK |
| 123A90-DDL-EL-DL-20101 | ELECTRICAL EQUIPMENT LAYOUT - LOWER DECK |
| 123A90-DDL-EL-DD-20093 | ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM |
| 123A90-DDL-EL-DL-20107 | ELECTRICAL CABLES ROUTING LAYOUT - TOP DECK |
| 123A90-DDL-EL-DL-20108 | ELECTRICAL CABLES ROUTING LAYOUT - LOWER DECK |
| 123A90-DDL-EL-LIS-20148 | ELECTRICAL POWER & CONTROL CABLE SCHEDULE |

| REV. | DATE | DRN | CHKD | APPD | DESCRIPTION |
|---|---|---|---|---|---|
| 03 | 15/09/25 | PS | CGI | CGI | ASBUILT (ASB) |
| 02 | 10/10/24 | AMA | CGI | DLO | ACCEPTED FOR CONSTRUCTION (AFC) |
| 01 | 30/07/24 | ASR | FMA/AMA | FPA/DLO | ACCEPTED FOR CONSTRUCTION (AFC) |
| 00 | 09/07/24 | ASR | FMA/AMA | FPA/DLO | ISSUE FOR REVIEW (IFR) |

CROSSWIND

ROSETTI MARINO

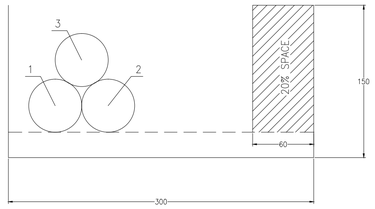
TITLE : BASE LOAD POWER HUB (BLPH)
ELECTRICAL CABLES ROUTING LAYOUT
BELOW LOWER DECK

CONTRACT NO./TITLE CW-1-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE 1:50
DRAWN AMA | CHECKED CGI | APPROVED DLO | DATE 10/10/24
A1 | DRAWING NO. 123A90-DDL-EL-DL-20109 | SHEET 2of4 | REV. 03

File Name : 123A90-DDL-EL-DL-20109

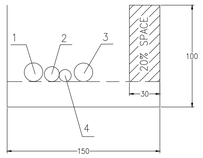
DRAWING NO. 123A90-DDL-EL-DL-20109 REV. 03

L-300-100-HVT-003



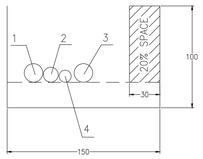

| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | 81001-CEH-L1 | 66kV GIS | XB2(Z2)-1 | HNA6-AFA70 | POWER CABLE | P1 | 1C x 300 |
| 2 | 81001-CEH-L2 | 66kV GIS | XB2(Z2)-2 | HNA6-AFA70 | POWER CABLE | P1 | 1C x 300 |
| 3 | 81001-CEH-L3 | 66kV GIS | XB2(Z2)-3 | HNA6-AFA70 | POWER CABLE | P1 | 1C x 300 |

L-150-100-LVT-008



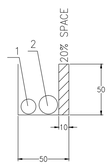

| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | P-EJB-200N1-10-L3-05 | STAIR EMERGENCY LIGHTING JB | EJB-200N1-10-L3-02 | EJB-200N1-10-L3-05 | POWER CABLE | P4 | 4G4_E |
| 2 | P-ELF-200N1-10-L3-13 | EMERGENCY LIGHTING FIXTURE | EJB-200N1-10-L3-09 | ELF-200N1-10-L3-13 | POWER CABLE | P4 | 4G2.5_E |
| 3 | P-ESO-200N1-06-L2-03 | SMALL POWER SOCKET JB (BELOW LOWER DECK) | ESO-200N1-06-L2-02 | ESO-200N1-06-L2-03 | POWER CABLE | P4 | 3G10 |
| 4 | 72210-CEL | WAVE OFF STATUS LIGHT | NC-200F2 | ESL-200-01 | POWER CABLE | P5 | 2C X 2.5 |

L-150-100-LVT-007



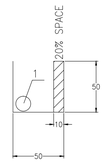

| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | P-EJB-200N1-10-L3-06 | STAIR NORMAL LIGHTING JB | EJB-200N1-10-L3-05 | EJB-200N1-10-L3-06 | POWER CABLE | P4 | 4G4_E |
| 2 | P-ELF-200N1-10-L3-06 | EMERGENCY LIGHTING FIXTURE | EJB-200N1-10-L3-05 | ELF-200N1-10-L3-06 | POWER CABLE | P4 | 4G2.5_E |
| 3 | P-ESO-200N1-06-L2-03 | SMALL POWER SOCKET JB (BELOW LOWER DECK) | ESO-200N1-06-L2-02 | ESO-200N1-06-L2-03 | POWER CABLE | P4 | 3G10 |
| 4 | 72210-CEL | WAVE OFF STATUS LIGHT | NC-200F2 | ESL-200-01 | POWER CABLE | P5 | 2C X 2.5 |

L-50-100-LVT-010



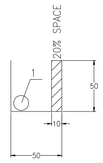

| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | P-ELF-200N1-10-L3-06 | EMERGENCY LIGHTING FIXTURE | EJB-200N1-10-L3-05 | ELF-200N1-10-L3-06 | POWER CABLE | P4 | 4G2.5_E |
| 2 | P-ESO-200N1-06-L2-03 | SMALL POWER SOCKET JB (BELOW LOWER DECK) | ESO-200N1-06-L2-02 | ESO-200N1-06-L2-03 | POWER CABLE | P4 | 3G10 |

L-50-100-LVT-012



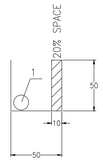

| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | P-ELF-200N1-10-L3-08 | EMERGENCY LIGHTING FIXTURE | EJB-200N1-10-L3-07 | ELF-200N1-10-L3-08 | POWER CABLE | P4 | 4G2.5_E |

L-50-100-LVT-013



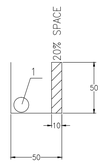

| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | P-ELF-200N1-10-L3-09 | EMERGENCY LIGHTING FIXTURE | EJB-200N1-10-L3-07 | ELF-200N1-10-L3-09 | POWER CABLE | P4 | 4G2.5_E |

L-50-100-LVT-014



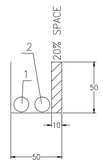

| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | P-ELF-200N1-10-L3-10 | EMERGENCY LIGHTING FIXTURE | EJB-200N1-10-L3-07 | ELF-200N1-10-L3-10 | POWER CABLE | P4 | 4G2.5_E |

L-50-100-LVT-015

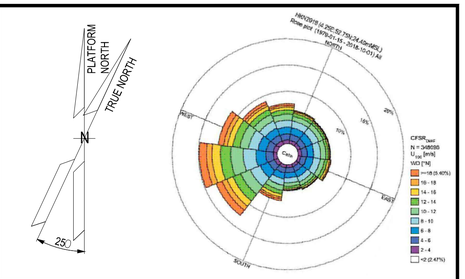



| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | P-ELF-200N1-10-L3-12 | EMERGENCY LIGHTING FIXTURE | EJB-200N1-10-L3-05 | ELF-200N1-10-L3-12 | POWER CABLE | P4 | 4G2.5_E |

L-50-100-LVT-016




| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | P-ELF-200N1-10-L3-12 | EMERGENCY LIGHTING FIXTURE | EJB-200N1-10-L3-05 | ELF-200N1-10-L3-12 | POWER CABLE | P4 | 4G2.5_E |
| 2 | P-ELF-200N1-10-L3-11 | EMERGENCY LIGHTING FIXTURE | ELF-200N1-10-L3-12 | ELF-200N1-10-L3-11 | POWER CABLE | P4 | 4G2.5_E |




## NOTES

1.ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.
2.ELEVATIONS REFER TO T.O.S.
3.THE CATHODIC PROTECTION SYSTEM – ANODE CABLES ARE IN ICCP VENDOR'S SCOPE OF WORKS.

CABLE TYPE DETAILS

P1 – SINGLE CORE, 36/66 (72.5) KV, CU/EPR/CU/LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE
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.
C1– SPECIAL SIGNAL CABLE, XLPE INSULATED, TIN COPPER BRAIDED SCREEN PUR JACKET
C2– SINGLE CORE 0.6/1KV XLPE., FLAME RETARDANT, LSZH, UNARMOURED POWER CABLE

## LEGEND

## HOLDS

## REFERENCE DOCUMENTS

| | |
|---|---|
| 123A90-DDL-PP-DL-70071 | PLOT PLAN - BELOW LOWER DECK |
| 123A90-DDL-EL-DL-20101 | ELECTRICAL EQUIPMENT LAYOUT - LOWER DECK |
| 123A90-DDL-EL-DD-20093 | ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM |
| 123A90-DDL-EL-DL-20107 | ELECTRICAL CABLES ROUTING LAYOUT - TOP DECK |
| 123A90-DDL-EL-DL-20108 | ELECTRICAL CABLES ROUTING LAYOUT - LOWER DECK |
| 123A90-DDL-EL-LIS-20148 | ELECTRICAL POWER & CONTROL CABLE SCHEDULE |

| REV. | DATE | DRN | CHKD | APPD | DESCRIPTION |
|---|---|---|---|---|---|
| 03 | 15/09/25 | PS | CGI | CGI | ASBUILT (ASB) |
| 02 | 10/10/24 | AMA | CGI | DLO | ACCEPTED FOR CONSTRUCTION (AFC) |
| 01 | 30/07/24 | ASR | FMA/AMA | FPA/DLO | ACCEPTED FOR CONSTRUCTION (AFC) |
| 00 | 09/07/24 | ASR | FMA/AMA | FPA/DLO | ISSUE FOR REVIEW (IFR) |

CROSSWIND

ROSETTI MARINO

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

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

DRAWN AMA | CHECKED CGI | APPROVED DLO | DATE 10/10/24

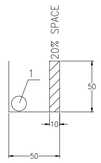
A1 | DRAWING NO. 123A90-DDL-EL-DL-20109 | SHEET 3of4 | REV. 03

File Name : 123A90-DDL-EL-DL-20109

DRAWING NO. 123A90-DDL-EL-DL-20109

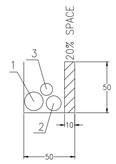
REV. 03

L-50-100-LVT-017



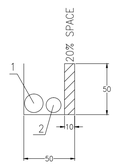

| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | P-ELF-200N1-10-L3-11 | EMERGENCY LIGHTING FIXTURE | ELF-200N1-10-L3-12 | ELF-200N1-10-L3-11 | POWER CABLE | P4 | 4G2.5_E |

L-50-100-LVT-018

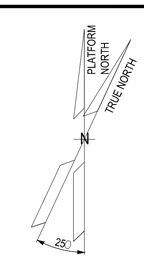


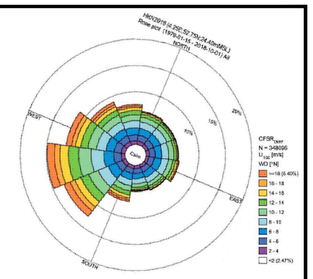

| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | P-EJB-200N1-10-L3-06 | STAIR NORMAL LIGHTING JB | EJB-200N1-10-L3-05 | EJB-200N1-10-L3-06 | POWER CABLE | P4 | 4G4_E |
| 2 | P-ELF-200N1-10-L3-07 | EMERGENCY LIGHTING FIXTURE | EJB-200N1-10-L3-06 | ELF-200N1-10-L3-07 | POWER CABLE | P4 | 4G2.5_E |
| 3 | 72210-CEL | WAVE OFF STATUS LIGHT | NC-200F2 | ESL-200-01 | POWER CABLE | P5 | 2C X 2.5 |

L-50-100-LVT-024




| POS. | CABLE TAG NUMBER | DESCRIPTION | FROM | TO | SERVICE TYPE | CABLE TYPE | CABLE CROSS SECTION (sq.mm) |
|---|---|---|---|---|---|---|---|
| 1 | P-EJB-200N1-10-L3-07 | STAIR EMERGENCY LIGHTING JB | EJB-200N1-10-L3-06 | EJB-200N1-10-L3-07 | POWER CABLE | P4 | 4G4_E |
| 2 | P-ELF-200N1-10-L3-14 | EMERGENCY LIGHTING FIXTURE | EJB-200N1-10-L3-07 | ELF-200N1-10-L3-14 | POWER CABLE | P4 | 4G2.5_E |




## NOTES

1.ALL DIMENSIONS AND ELEVATIONS ARE GIVEN IN mm UNLESS OTHERWISE NOTED.
2.ELEVATIONS REFER TO T.O.S.
3.THE CATHODIC PROTECTION SYSTEM – ANODE CABLES ARE IN ICCP VENDOR'S SCOPE OF WORKS.

CABLE TYPE DETAILS

P1 – SINGLE CORE, 36/66 (72.5) KV, CU/EPR/CU/LSZH OUTER SHEATH MATERIAL, UNARMOURED CABLE
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.
C1– SPECIAL SIGNAL CABLE, XLPE INSULATED, TIN COPPER BRAIDED SCREEN PUR JACKET
C2– SINGLE CORE 0.6/1KV XLPE., FLAME RETARDANT, LSZH, UNARMOURED POWER CABLE

## LEGEND

## HOLDS

## REFERENCE DOCUMENTS

| | |
|---|---|
| 123A90-DDL-PP-DL-70071 | PLOT PLAN - BELOW LOWER DECK |
| 123A90-DDL-EL-DL-20101 | ELECTRICAL EQUIPMENT LAYOUT - LOWER DECK |
| 123A90-DDL-EL-DD-20093 | ELECTRICAL TYPICAL INSTALLATION DETAILS-CABLE ROUTES SYSTEM |
| 123A90-DDL-EL-DL-20107 | ELECTRICAL CABLES ROUTING LAYOUT - TOP DECK |
| 123A90-DDL-EL-DL-20108 | ELECTRICAL CABLES ROUTING LAYOUT - LOWER DECK |
| 123A90-DDL-EL-LIS-20148 | ELECTRICAL POWER & CONTROL CABLE SCHEDULE |

| REV. | DATE | DRN | CHKD | APPD | DESCRIPTION |
|---|---|---|---|---|---|
| 03 | 15/09/25 | PS | CGI | CGI | ASBUILT (ASB) |
| 02 | 10/10/24 | AMA | CGI | DLO | ACCEPTED FOR CONSTRUCTION (AFC) |
| 01 | 30/07/24 | ASR | FMA/AMA | FPA/DLO | ACCEPTED FOR CONSTRUCTION (AFC) |
| 00 | 09/07/24 | ASR | FMA/AMA | FPA/DLO | ISSUE FOR REVIEW (IFR) |

CROSSWIND

ROSETTI MARINO

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

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

DRAWN AMA | CHECKED CGI | APPROVED DLO | DATE 10/10/24

A1 | DRAWING NO. 123A90-DDL-EL-DL-20109 | SHEET 4of4 | REV. 03

File Name : 123A90-DDL-EL-DL-20109