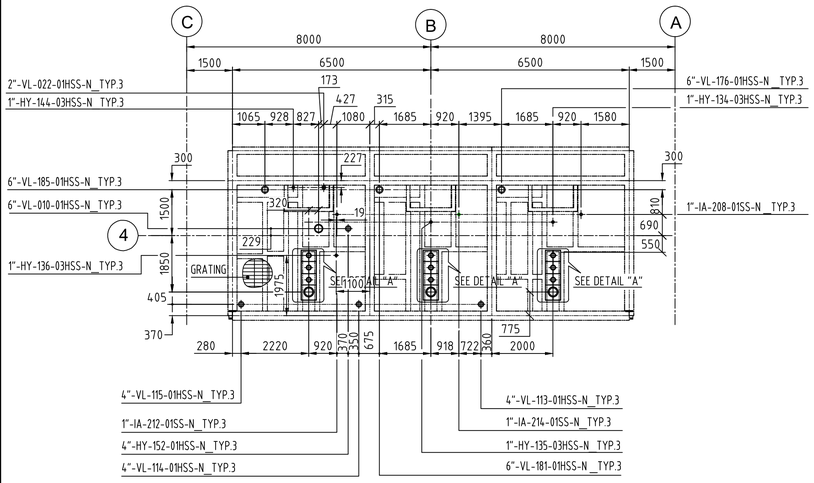
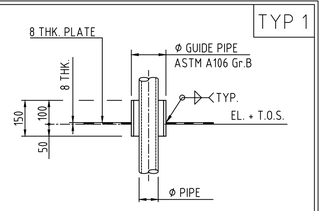
DRAWING NO. 123A90-DDL-PP-DD-70056 REV. 02



PLAN @ EL.+34.210m (TOP OF STEEL)
H2 STORAGE TANK (NORTH SIDE)

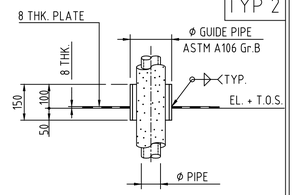
TYP 1



TYPICAL DETAIL FOR NON INSULATED PIPE ON PLATE

Φ PIPE	Φ GUIDE PIPE	GUIDE PIPE SCHEDULE	N° PIECES LOWER DECK	N° PIECES UPPER DECK
0.5"	4"	40	0	0
0.75"	4"	40	0	0
1"	4"	40	0	3
1.5"	6"	40	0	3
2"	6"	40	5	2
3"	6"	40	0	0
4"	8"	20	0	0
6"	10"	20	0	0
8"	12"	20	0	0
10"	14"	10	0	0
12"	16"	10	1	0
14"	18"	10	0	0
16"	20"	10	0	0
18"	24"	10	0	0

TYP 2



TYPICAL DETAIL FOR INSULATED PIPE ON PLATE

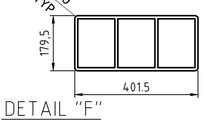
Φ PIPE	Φ GUIDE PIPE	GUIDE PIPE SCHEDULE	N° PIECES LOWER DECK	N° PIECES UPPER DECK
0.5"	6"	40	0	0
0.75"	6"	40	0	0
1"	6"	40	8	4
1.5"	6"	40	1	0
2"	6"	20	0	0
3"	8"	20	0	0
4"	8"	20	0	0
6"	10"	20	0	0
8"	12"	10	0	0
10"	16"	10	0	0
12"	20"	10	0	0
14"	20"	10	0	0
16"	24"	10	0	0
18"	24"	10	0	0

MCT FRAME SK-2x1
(NOTE 2, 3)



DETAIL "E"

MCT FRAME SK-4x3
(NOTE 2, 3)



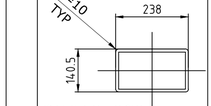
DETAIL "F"

MCT FRAME SK-6x1
(NOTE 2, 3)



DETAIL "G"

MCT FRAME SK-6x2
(NOTE 2, 3)



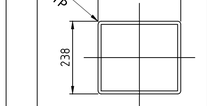
DETAIL "H"

MCT FRAME RS-43
(NOTE 2, 3)

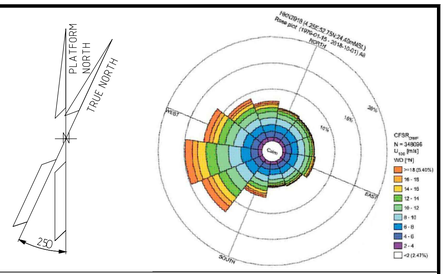


DETAIL "I"

MCT FRAME SK-6x3
(NOTE 2, 3)



DETAIL "F"

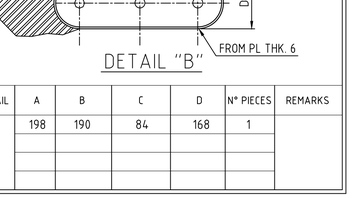


NOTES

1. ALL DIMENSIONS AND ELEVATIONS ARE IN MILLIMETERS.
2. DIMENSIONS SHOWN REFER TO THE MAXIMUM DIMENSIONS OF THE MCT FRAME AND NOT TO THE ACTUAL. CUT-OUT THAT SHOULD BE INCREASED by 1,5 mm. Max. ON EACH SIDE.
3. ALL MTC's SHALL BE INSTALLED ACCORDING TO ROXTEC (VENDOR) PROCEDURE.
4. TO VERIFY ON SITE.
5. ALL PIPE PENETRATION SHALL BE SEALED WITH APPROPRIATE MATERIAL

PLAN @ EL.+38.710m (TOP OF STEEL)
H2 STORAGE TANK (NORTH SIDE)

TYP 3



TYPICAL DETAIL FOR NON INSULATED PIPE THROUGH GRATING

Φ PIPE	A	N° PIECES H2 STORAGE TANK (NORTH SIDE)	N° PIECES H2 STORAGE TANK (SOUTH SIDE)
0.5"	90	0	0
0.75"	90	0	0
1"	90	12	11
1.5"	120	0	0
2"	120	1	0
3"	150	0	0
4"	180	7	0
6"	230	7	0
8"	280	0	0
10"	330	0	0
12"	390	0	0
14"	420	0	0
16"	470	0	0
18"	520	0	0

DETAIL "A"

DETAIL	A	B	N° PIECES	REMARKS
G	1640	500	6	

LEGEND

LEGEND:

FRP GRATING 38 THK

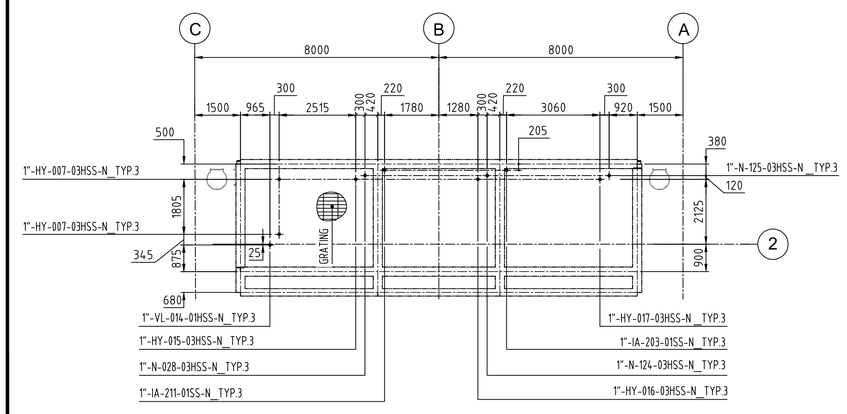
FLAT PLATE - 8 THK

HOLDS

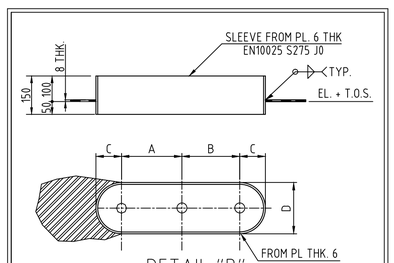
1. INSTRUMENT MCT LOCATED ON UPPER DECK ARE MISSING.

REFERENCE DOCUMENTS

123A90-DDL-PP-DD-70055	PIPING FLOOR PENETRATION LOWER & UPPER DECK EL. +23.310m & EL.+30.310m
123A90-DDL-PP-DD-70057	PIPING FLOOR PENETRATION TRANSITION PIECE VIEW EL. +17180mm to +23340mm

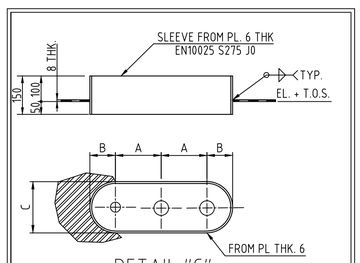


PLAN @ EL.+34.810m (TOP OF STEEL)
H2 STORAGE TANK (SOUTH SIDE)



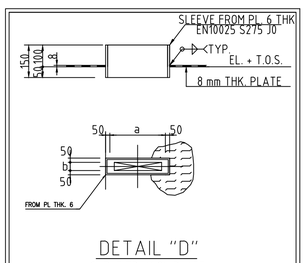
DETAIL "B"

DETAIL	A	B	C	D	N° PIECES	REMARKS
B	198	190	84	168	1	



DETAIL "C"

DETAIL	A	B	C	N° PIECES	REMARKS
C	150	84	168	1	



DETAIL "D"
CABLE TRAY ON PLATE

DETAIL	TYPE	a	b	N° PIECES
D	1	660	100	1
	2	100	100	1
	3	200	100	2
	4	300	150	1
	5	150	100	1

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	22/09/25	SPS	CBO	CGI	AS-BUILT (ASB)
01	02/07/24	MMA	CBO	DLO	ACCEPTED FOR CONSTRUCTION (AFC)
00	06/05/24	MMA	CBO	DLO	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
PIPING FLOOR PENETRATION
EL. +31.410m to EL. +36.210m - Typical & detail

CONTRACT NO./TITLE	CW-1-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK	SCALE	1:100
DRAWN SPS	CHECKED C. BORTOLIN	APPROVED CGI	DATE 22/09/25
A1	DRAWING NO. 123A90-DDL-PP-DD-70056	SHEET 001	REV. 02

File Name: 123A90-DDL-PP-DD-70056_02