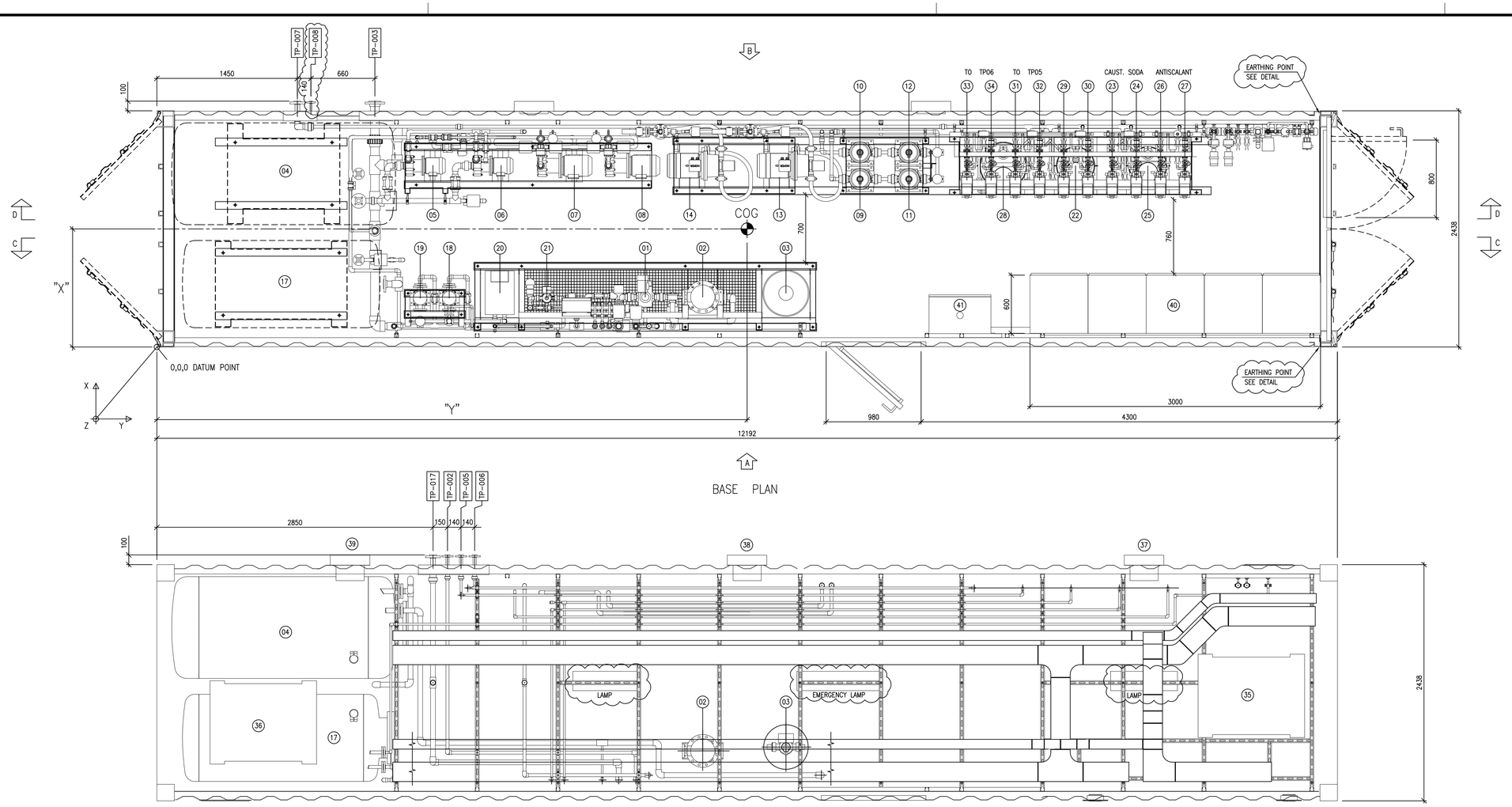
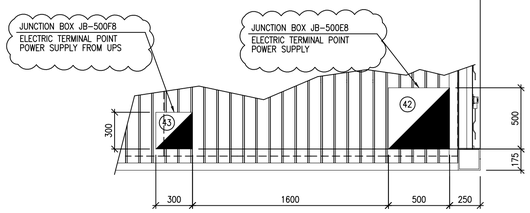
DRAWING NO. 1724000448-MAC-DA-00005

REV. 04

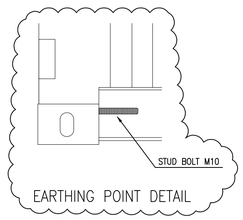


BASE PLAN

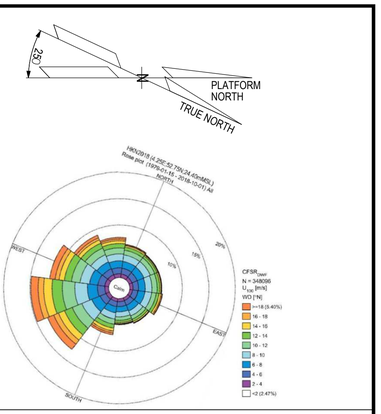
TOP PLAN
(INSIDE)



TOP PLAN (OUTSIDE PARTIAL PLAN)



EARTHING POINT DETAIL



NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE SPECIFIED.

TERMINAL POINT

TP No.	NPS	RATING	FACE	MAT.	DESCRIPTION
TP-017	1.1/2"	L.J. FLG. ASME B16.5 150#	RF	PVC	SEA WATER FROM INTAKE PUMPS
TP-002	1"	L.J. FLG. ASME B16.5 150#	RF	PVC	PRODUCT WATER
TP-003	3"	L.J. FLG. ASME B16.5 150#	RF	PVC	SEA WATER DRAIN
TP-005	1"	L.J. FLG. ASME B16.5 150#	RF	PP	BIOCIDE TO SEA WATER INTAKE
TP-006	1"	L.J. FLG. ASME B16.5 150#	RF	PP	BIOCIDE TO WASTE WATER TANK
TP-007	1.1/2"	L.J. FLG. ASME B16.5 150#	RF	PVC	CHEMICAL DRAIN
TP-008	1/2"	L.J. FLG. ASME B16.5 150#	RF	PVC	CONTAINER OPEN DRAIN

REF. DOCUMENTS

DOC. No.	DESCRIPTION
1724000448-PR-PID-00013	P&I DIAGRAM
1724000448-MAC-DS-00016	PACKAGE WEIGHT DATA SHEET
1724000448-IN-DC-00014	WIRING DIAGRAM

EQUIPMENT LIST

REF.	ITEM	DESCRIPTION	WEIGHT (empty) kg	WEIGHT (full) kg
01	A50003	SEA WATER COARSE FILTER	7	20
02	H50001	ELECTRIC HEATER	155	180
03	S50001	SEA WATER SAND FILTER	250	300
04	T50006	FILTERED WATER TANK	300	3300
05	P50002A	BACKWASH PUMP	20	25
06	P50002B	BACKWASH PUMP	20	25
07	P50003A	SW BOOSTER PUMP	20	25
08	P50003B	SW BOOSTER PUMP	20	25
09	S50002A	SW 1ST. CARTRIDGE FILTER	18	35
10	S50002B	SW 1ST. CARTRIDGE FILTER	18	35
11	S50003A	SW 2ND. CARTRIDGE FILTER	18	35
12	S50003B	SW 2ND. CARTRIDGE FILTER	18	35
13	P50004A	HIGHT PRESSURE PUMP	50	55
14	P50004B	HIGHT PRESSURE PUMP	50	55
15	A50007A	SEA WATER REVERSE OSMOSIS UNIT	60	120
16	A50007B	SEA WATER REVERSE OSMOSIS UNIT	60	120
17	T50008	FRESH WATER TANK	200	2200
18	P50009A	FRESH WATER PUMP	20	25
19	P50009B	FRESH WATER PUMP	20	25
20	S50004	SOFTENING FILTER	35	125
21	S50010	UV STERILIZER	15	50
22	T50002	CAUSTIC SODA DOSING TANK	20	80
23	P50005A	CAUSTIC SODA DOSING PUMP	2	3
24	P50005B	CAUSTIC SODA DOSING PUMP	2	3
25	T50003	ANTISCALANT DOSING TANK	20	80
26	P50006A	ANTISCALANT DOSING PUMP	2	3
27	P50006B	ANTISCALANT DOSING PUMP	2	3
28	T50004	NON-OXIDANT BIOCIDE DOSING TANK	30	130
29	P50007A	NON-OXIDANT BIOCIDE DOSING PUMP-CONTAINER INLET	2	3
30	P50007B	NON-OXIDANT BIOCIDE DOSING PUMP-CONTAINER INLET	2	3
31	P50008A	NON-OXIDANT BIOCIDE DOSING PUMP-B.L. TP005	2	3
32	P50008B	NON-OXIDANT BIOCIDE DOSING PUMP-B.L. TP005	2	3
33	P50010A	NON-OXIDANT BIOCIDE DOSING PUMP-B.L. TP006	2	3
34	P50010B	NON-OXIDANT BIOCIDE DOSING PUMP-B.L. TP006	2	3
35	HHS-50003A	CONTAINER ELECTRICAL HEATER	90	90
36	HHS-50003B	CONTAINER ELECTRICAL HEATER	90	90
37	HFA-50001A	CONTAINER AIR FAN	-	-
38	HFA-50001B	CONTAINER AIR FAN	-	-
39	HFA-50001C	CONTAINER AIR FAN	-	-
40	50-LP-001	MCC & PLC PANEL	1800	1800
41	50-LP-002	FIRE & GAS PANEL	50	50
42	JB-500E8	JUNCTION BOX FOR POWER SUPPLY	10	10
43	JB-500F8	JUNCTION BOX FOR POWER SUPPLY FROM UPS	5	5

CONTAINER TOTAL WEIGHT	
DESCRIPTION	
LIFTING CONDITION	10500 kg
OPERATING CONDITION	15675 kg

C.O.G.			
DESCRIPTION	"X" mm	"Y" mm	"Z" mm
LIFTING CONDITION	1034	7076	1293
OPERATING CONDITION	1185	4540	1322

PSC DOC. REF: PK2885-P-002

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
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01	07-MAY-24	PSC	UR	RM	ISSUE FOR REVIEW
00	10-APR-24	PSC	UR	RM	ISSUE FOR REVIEW

CROSSWIND

ROSETTI MARINO

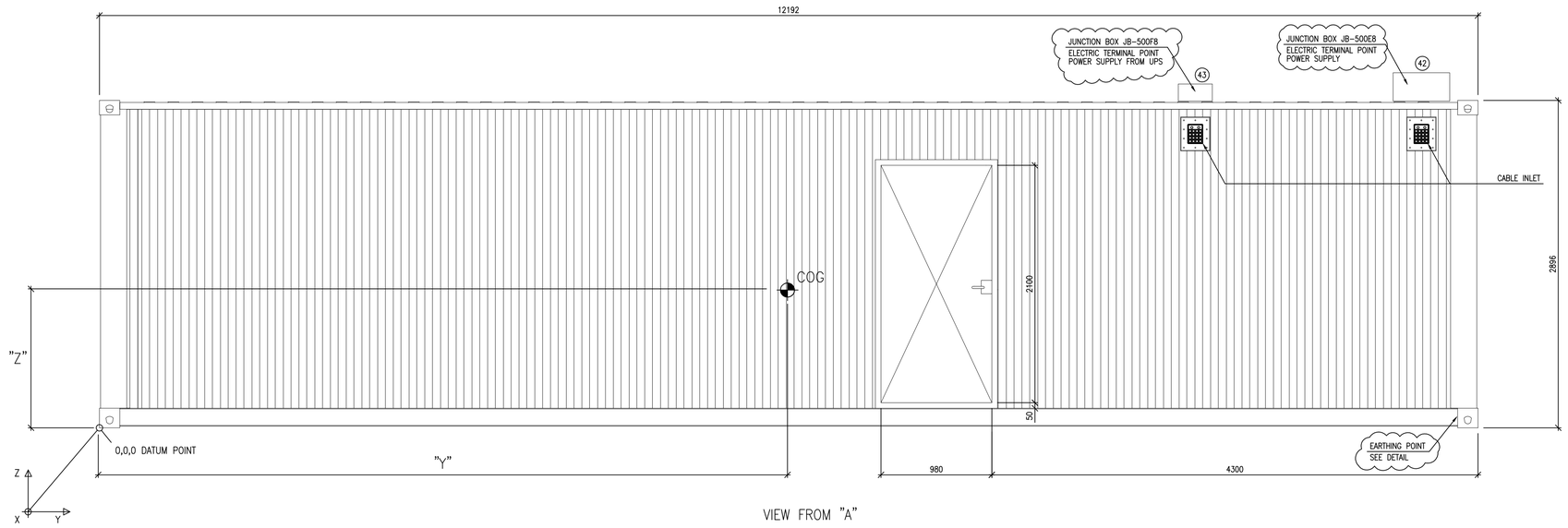
TITLE :
WATER TREATMENT PACKAGE
GENERAL ARRANGEMENT DRAWINGS AND
FOUNDATIONS LOADING CALCULATIONS-PLANS

CONTRACT NO./TITLE			SCALE 1:25
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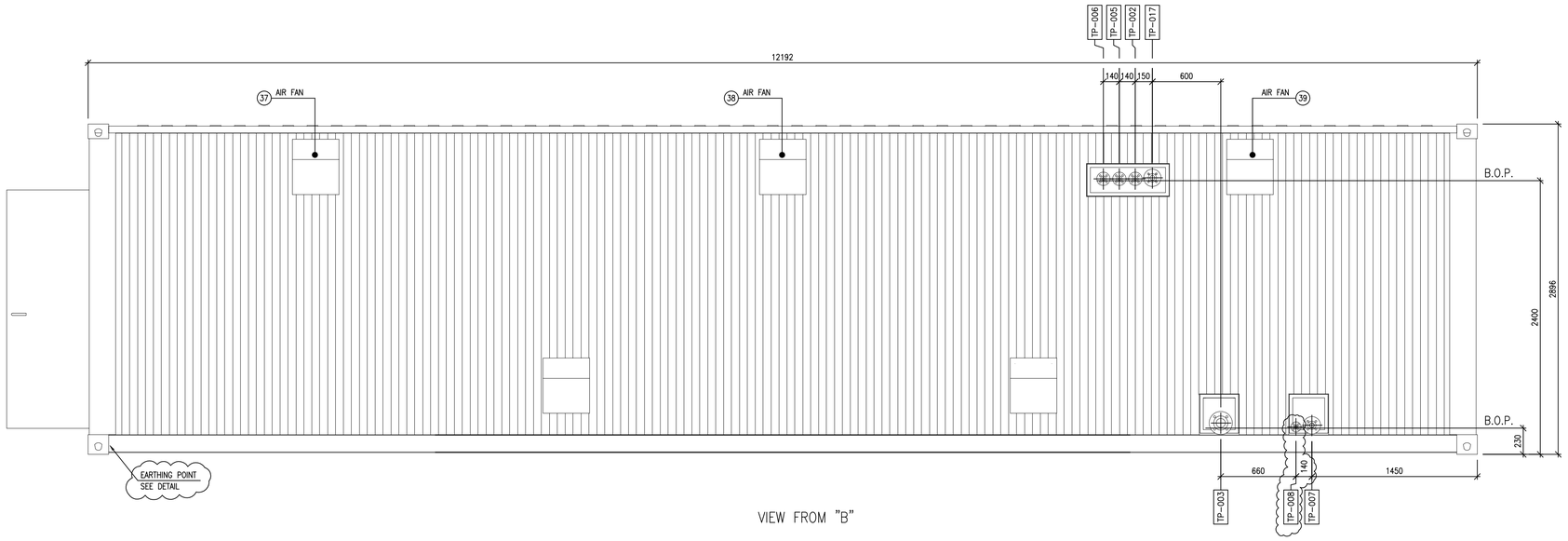
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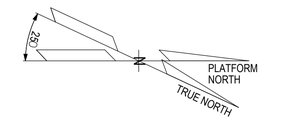
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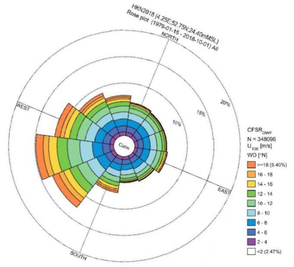


VIEW FROM "A"



VIEW FROM "B"





NOTES

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PSC DOC. REF: PK2885-P-002

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
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00	10-APR-24	PSC	UR	RM	ISSUE FOR REVIEW

CROSSWIND

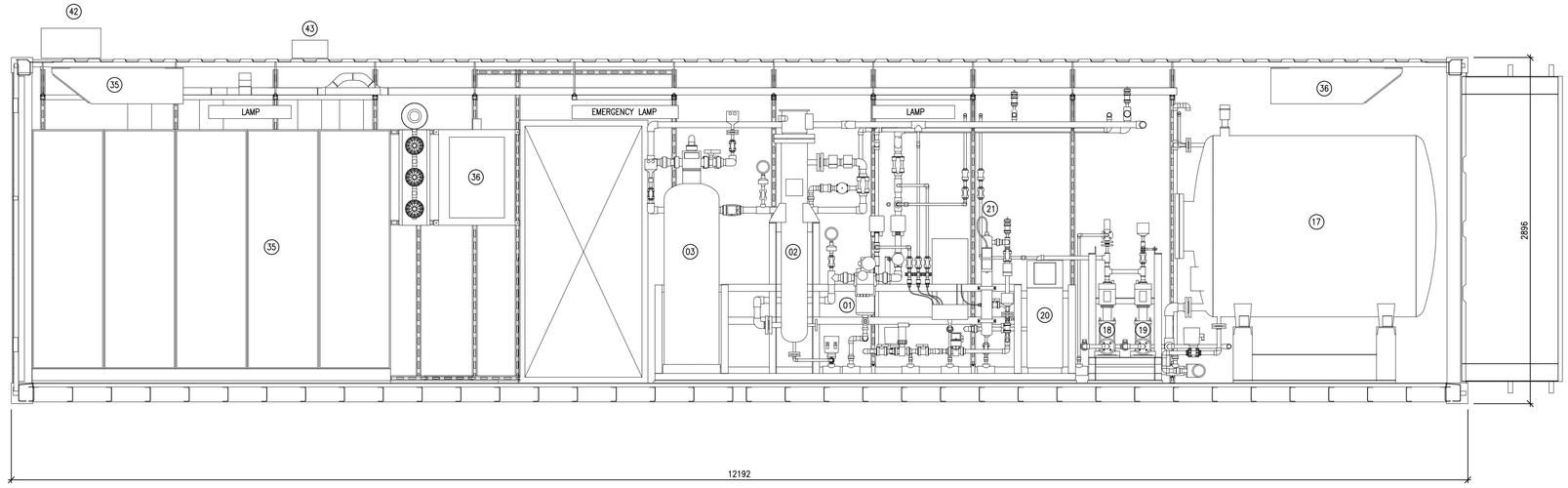
ROSETTI MARINO

TITLE :
WATER TREATMENT PACKAGE
GENERAL ARRANGEMENT DRAWINGS AND
FOUNDATIONS LOADING CALCULATIONS-VIEWS

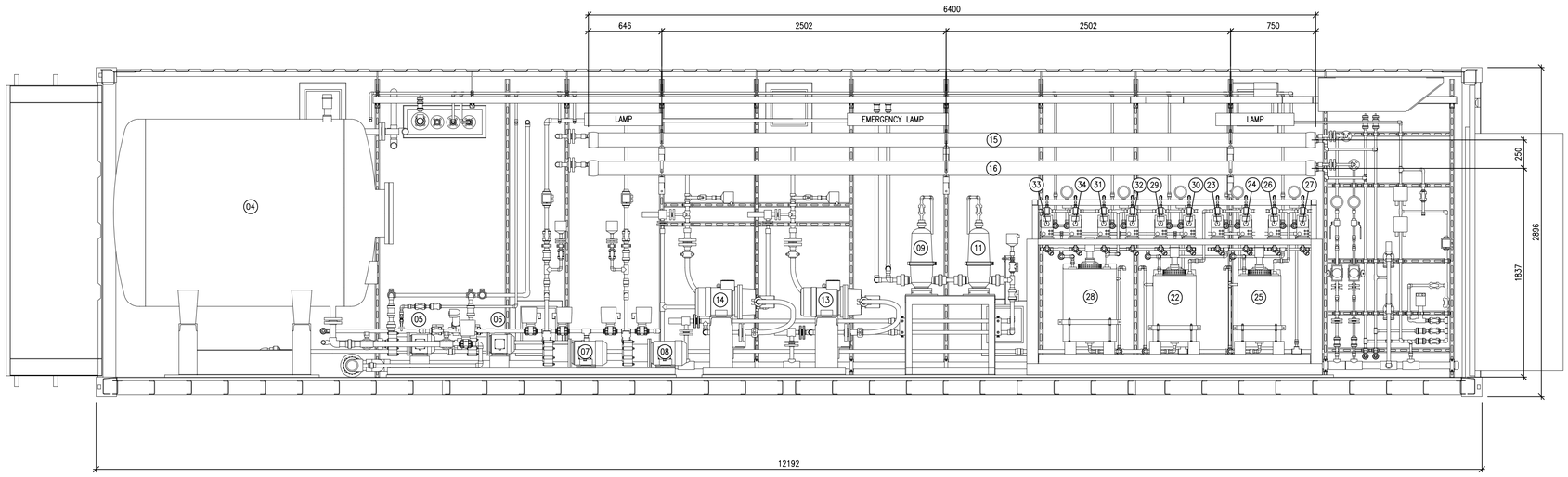
CONTRACT NO./TITLE			SCALE 1:25
DRAWN PSC	CHECKED UR	APPROVED RM	DATE 26/11/24

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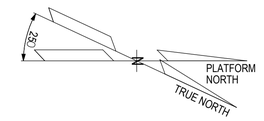
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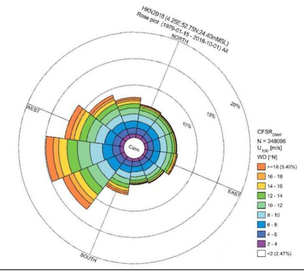


SECTION "C–C"



SECTION "D–D"





NOTES

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PSC DOC. REF: PK2885-P-002

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CROSSWIND

ROSETTI MARINO

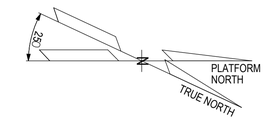
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WATER TREATMENT PACKAGE
GENERAL ARRANGEMENT DRAWINGS AND
FOUNDATIONS LOADING CALCULATIONS–SECTIONS

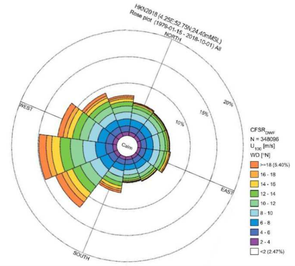
CONTRACT NO./TITLE			SCALE 1:25
DRAWN PSC	CHECKED UR	APPROVED RM	DATE 26/11/24
A1	DRAWING NO. 1724000448-MAC-DA-00005	SHEET 003	REV. 04

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DRAWING NO. 1724000448-MAC-DA-00005

REV. 04



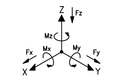


NOTES

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MAX. LOAD REACTION						
OPERATING CONDITION						
POINT	Fx	Fy	Fz	Mx	My	Mz
A1	19.5	9.1	49.0	118.4	27.3	118.4
A2	19.5	9.1	49.0	118.4	27.3	118.4
B1	19.5	9.1	49.0	118.4	27.3	118.4
B2	19.5	9.1	49.0	118.4	27.3	118.4
TRANSIT CONDITION						
A1	19.3	19.3	48.3	–	–	–
A2	19.3	19.3	48.3	–	–	–
B1	19.3	19.3	48.3	–	–	–
B2	19.3	19.3	48.3	–	–	–



FORCE kN, MOMENTS kNm

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CROSSWIND

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TITLE :
WATER TREATMENT PACKAGE
GENERAL ARRANGEMENT DRAWINGS AND
FOUNDATIONS LOADING CALCULATIONS-FOUNDATION

CONTRACT NO./TITLE			SCALE 1:25
DRAWN PSC	CHECKED UR	APPROVED RM	DATE 26/11/24

A1	DRAWING NO. 1724000448-MAC-DA-00005	SHEET 004	REV. 04

File Name : 1724000448-MAC-DA-00005_sh.4 rev04