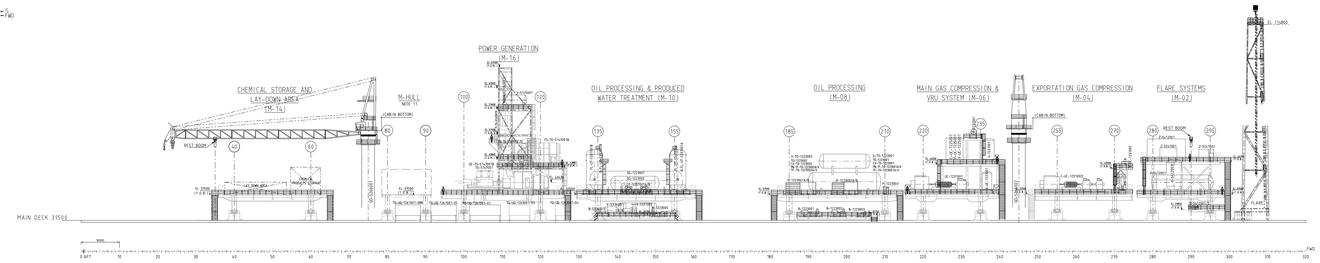
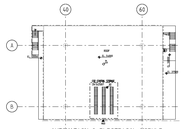
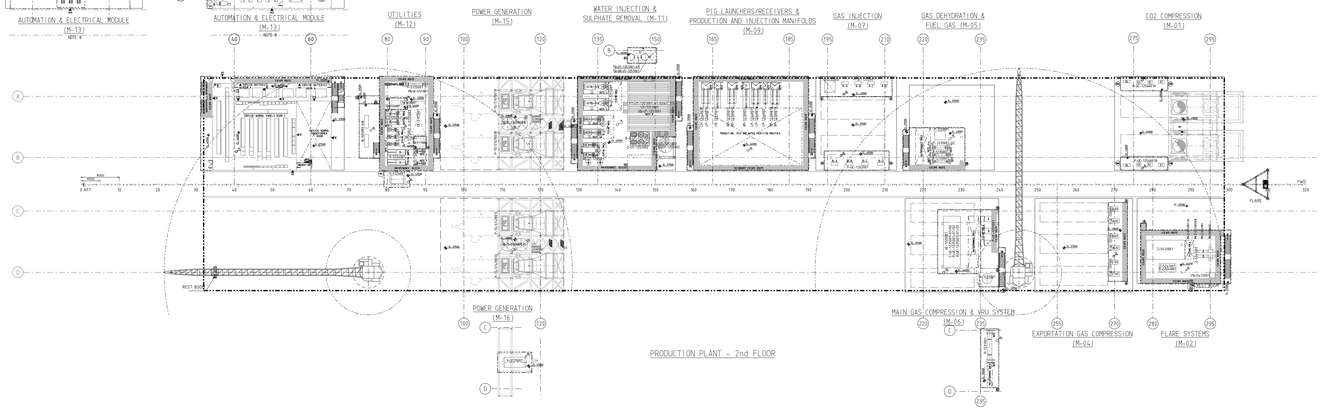


ELEVATION

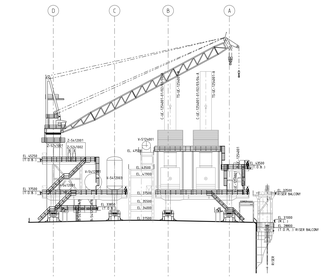


AUTOMATION & ELECTRICAL MODULE (M-13)

AUTOMATION & ELECTRICAL MODULE (M-13)



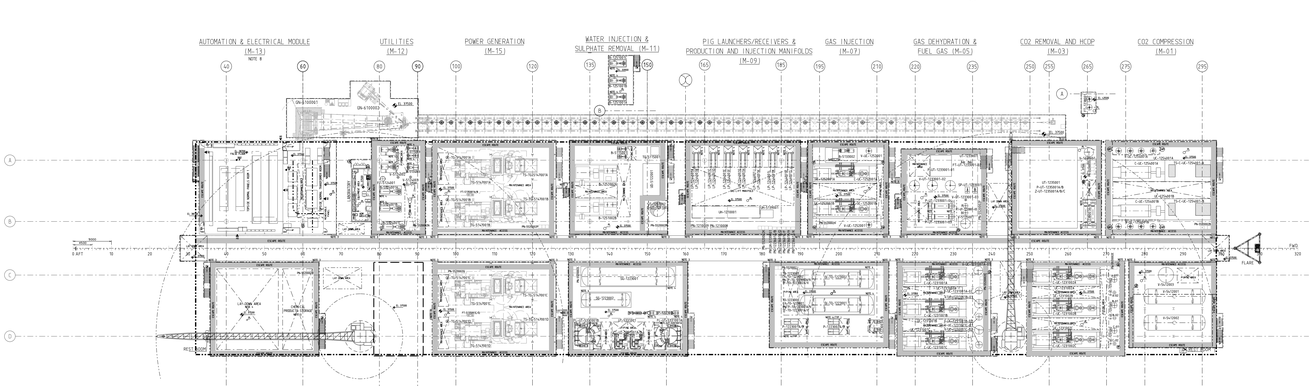
PRODUCTION PLANT - 2nd FLOOR



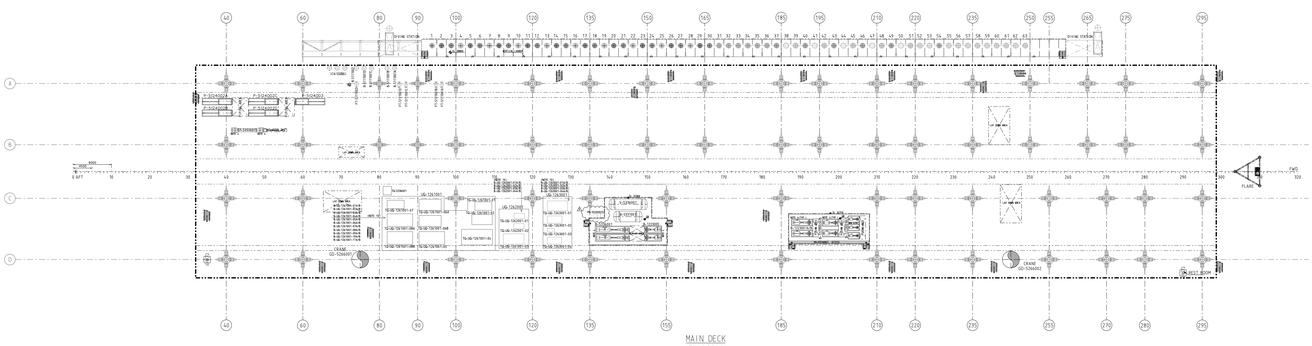
FRONT VIEW

RISERS LIST (NOTE 12)

1	MANIFOLD SERVICE 8"ID (SPARE)
2	MANIFOLD UEH CONTROL (SPARE)
3	MANIFOLD WATER INJECTION 10"ID (SPARE)
4	MANIFOLD GAS LIFT 6"ID (SPARE)
5	SERVICE 6"ID SPARE
6	UEH CONTROL SPARE
7	OIL PRODUCTION - 6 5/8"ID SPARE
8	GAS INJECTION 6"ID
9	UEH CONTROL
10	WATER INJECTION 8"ID
11	GAS INJECTION 6"ID
12	UEH CONTROL
13	WATER INJECTION 8"ID
14	GAS INJECTION 6"ID
15	UEH CONTROL
16	WATER INJECTION 8"ID
17	SERVICE 6"ID SPARE
18	UEH CONTROL
19	OIL PRODUCTION - 6 5/8"ID SPARE
20	SERVICE 6"ID
21	UEH CONTROL
22	OIL PRODUCTION - 6 5/8"ID
23	SERVICE 6"ID
24	UEH CONTROL
25	OIL PRODUCTION - 6 5/8"ID
26	SERVICE 6"ID
27	UEH CONTROL
28	OIL PRODUCTION - 6 5/8"ID
29	EXPORTATION 21"ID
30	UEH CONTROL (RHAS)
31	GAS EXPORTATION 10"ID
32	UEH CONTROL (SDVH)
33	GAS IMPORTATION/EXPORTATION 8"ID
34	SERVICE 6"ID
35	UEH CONTROL
36	OIL PRODUCTION - 6 5/8"ID
37	SERVICE 6"ID
38	UEH CONTROL
39	OIL PRODUCTION - 6 5/8"ID
40	SERVICE 6"ID
41	UEH CONTROL
42	OIL PRODUCTION - 6 5/8"ID
43	SERVICE 6"ID
44	UEH CONTROL
45	OIL PRODUCTION - 6 5/8"ID
46	SERVICE 6"ID
47	UEH CONTROL
48	OIL PRODUCTION - 6 5/8"ID
49	SERVICE 6"ID
50	UEH CONTROL
51	OIL PRODUCTION - 6 5/8"ID
52	GAS INJECTION 6"ID
53	UEH CONTROL
54	WATER INJECTION 8"ID
55	GAS INJECTION 6"ID
56	UEH CONTROL
57	WATER INJECTION 8"ID
58	SERVICE 6"ID (SPARE)
59	UEH CONTROL SPARE
60	OIL PRODUCTION - 6 5/8"ID (SPARE)
61	GAS INJECTION 6"ID (SPARE)
62	UEH CONTROL (SPARE)
63	WATER INJECTION 8"ID (SPARE)



PRODUCTION PLANT - 1st
MODULE EL. 37500 (TYP.)



MAIN DECK
EL.31500

REFERENCE DOCUMENTS

I-ET-3426.00-1000-941-PPC-001 - METOCEAN DATA
I-LI-3010.90-1200-940-PPC-001 - EQUIPMENT LIST
I-DE-3010.90-1350-T00-PPC-001 - LABORATORY LAYOUT
I-DE-3010.90-1390-942-PPC-001 - EQUIPMENT LAYOUT PLAN - RISERS BALCONY
I-DE-3010.90-1411-942-PPC-002 - EQUIPMENT LAYOUT PLAN - CO2 COMPRESSION (M-01)
I-DE-3010.90-1412-942-PPC-001 - EQUIPMENT LAYOUT PLAN - FLARE SYSTEMS (M-02)
I-DE-3010.90-1413-942-PPC-002 - EQUIPMENT LAYOUT PLAN - CO2 REMOVAL AND HCDP (M-03)
I-DE-3010.90-1414-942-PPC-002 - EQUIPMENT LAYOUT PLAN - EXPORTATION GAS COMPRESSION (M-04)
I-DE-3010.90-1415-942-PPC-001 - EQUIPMENT LAYOUT PLAN - GAS DEHYDRATION & FUEL GAS (M-05)
I-DE-3010.90-1416-942-PPC-001 - EQUIPMENT LAYOUT PLAN - MAIN GAS COMPRESSION & VRU SYSTEM (M-06)
I-DE-3010.90-1417-942-PPC-001 - EQUIPMENT LAYOUT PLAN - GAS INJECTION (M-07)
I-DE-3010.90-1418-942-PPC-001 - EQUIPMENT LAYOUT PLAN - OIL PROCESSING (M-08)
I-DE-3010.90-1419-942-PPC-001 - EQUIPMENT LAYOUT PLAN - PIG LAUNCHERS/RECEIVERS & PRODUCTION AND INJECTION MANIFOLDS (M-09)
I-DE-3010.90-1421-942-PPC-001 - EQUIPMENT LAYOUT PLAN - OIL PROCESSING & PRODUCED WATER TREATMENT (M-10)
I-DE-3010.90-1422-942-PPC-001 - EQUIPMENT LAYOUT PLAN - WATER INJECTION & SULPHATE REMOVAL (M-11)
I-DE-3010.90-1423-942-PPC-001 - EQUIPMENT LAYOUT PLAN - UTILITIES (M-12)
I-DE-3010.90-1424-942-PPC-001 - EQUIPMENT LAYOUT PLAN - AUTOMATION & ELECTRICAL MODULE (M-13)
I-DE-3010.90-1425-942-PPC-001 - EQUIPMENT LAYOUT PLAN - CHEMICAL STORAGE AND LAY-DOWN AREA (M-14)
I-DE-3010.90-1426-942-PPC-001 - EQUIPMENT LAYOUT PLAN - POWER GENERATION (M-15)
I-DE-3010.90-1427-942-PPC-001 - EQUIPMENT LAYOUT PLAN - POWER GENERATION (M-16)

GENERAL NOTES

1 - ALL DIMENSIONS SHOWN IN MILLIMETERS.
2 - EQUIPMENT DIMENSIONS ARE PRELIMINARY.
3 - PATHWAY TO OTHER MODULE.
4 - COMMING (h=150mm), BY STRUCTURE.
5 - PIPE RACK WIDTH DIMENSION ALREADY CONSIDERS SPACE FOR FUTURE EXPANSION.
6 - PIPE RACK DIMENSION IS PRELIMINARY AND SHALL BE CONFIRMED AND REVIEWED DURING THE DETAILED DESIGN PHASE.
7 - THE EQUIPMENTS LOCATED ON MAIN DECK (EL. 31500) SHALL HAVE A BASE OF 800mm MAXIMUM HEIGHT.
8 - POSITIONS, DIMENSIONS AND QUANTITIES ARE PRELIMINARY.
9 - TWO TOILET UNITS (ONE FOR MEN AND ONE FOR WOMEN) WITH CHEMICAL TREATMENT FOR OPERATIONAL AREA SHALL BE INSTALLED BY THE DETAILED DESIGN.
10 - THE POSITIONS OF TANKS AND PUMPS SHALL BE DEFINED IN DETAILED DESIGN PHASE AND SHALL BE PLACED BELOW PROCESS MODULE IN ORDER TO BE FOAM DELUGED (I-ML-3010.90-5420-942-PPC-001-FIRE WATER SYSTEM).
11 - SUPPLIED BY HULL BIDDER.
12 - THE PRE-SALT TOP SIDES BASIC DESIGN HAS ADOPTED THIS CONFIGURATION, BUT TO EVALUATE OTHER POSSIBLE ALTERNATIVES SEE I-MD-3010.90-1200-940-PPC-001.

MAIN CHARACTERISTICS

FRAME SPACING:..... 0.90 m

REV.	DESCRIPTION	DATE	DWG	CHECK	APPROV.

MICROSTATION/V.8 D:\I-DE-3010.90-1200-942-PPC-001_G.dgn

CLIENT:

JOB: PRESALT FPSOs - STANDARD MODULES

AREA: PRODUCTION

TITLE: GENERAL ARRANGEMENT

DESIGN	DWG	CHECK	APPROVAL
SCALE 1:500	A0 :1189x841	CC IN-2000-08-001	SHEET 1 of 1

DATE | No. I-DE-3010.90-1200-942-PPC-001

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