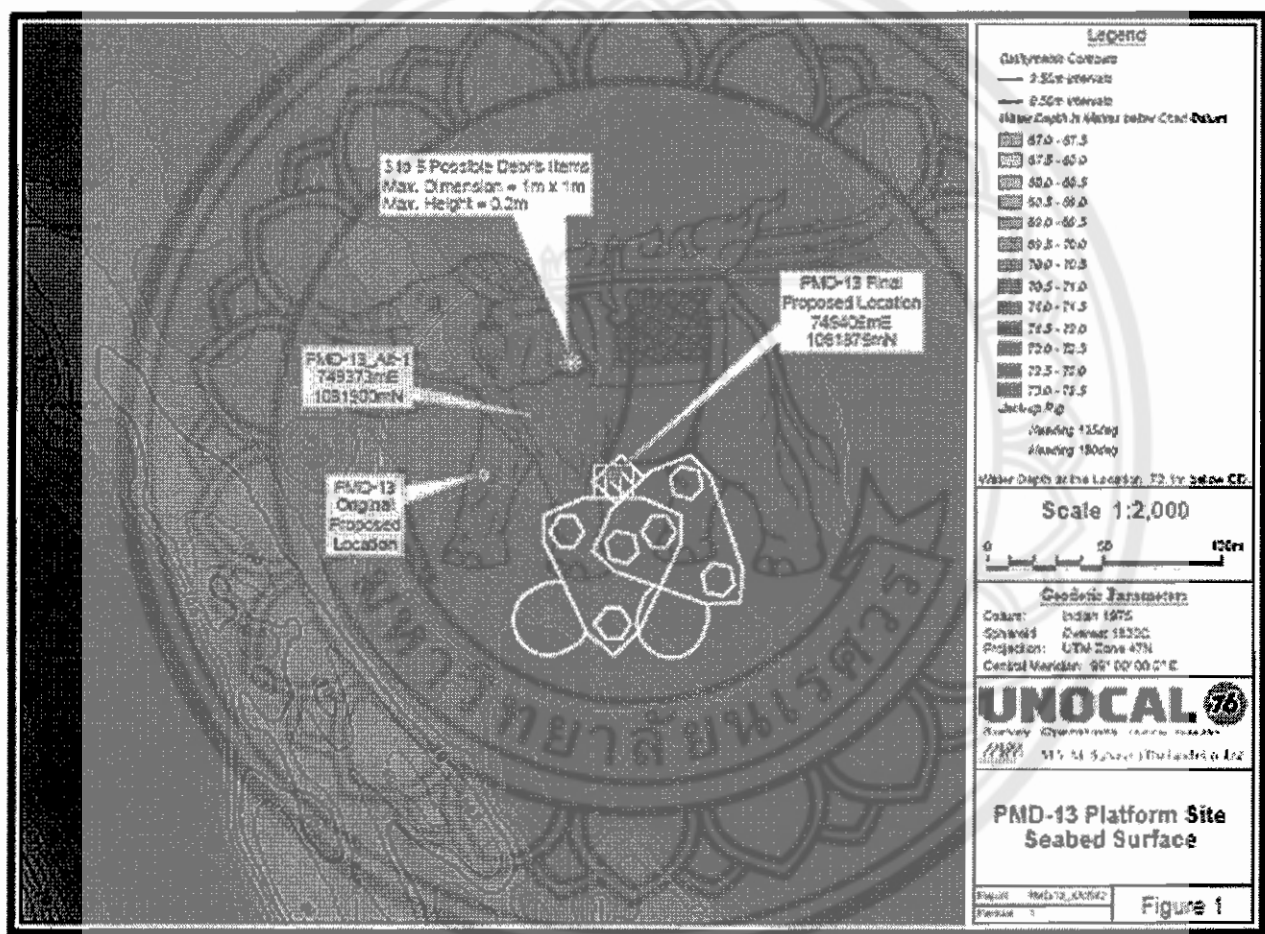




ตารางที่ ก.1 ตารางแสดงพิกัดตำแหน่งการติดตั้งแท่นขุดเจาะน้ำมันและก๊าซธรรมชาติ

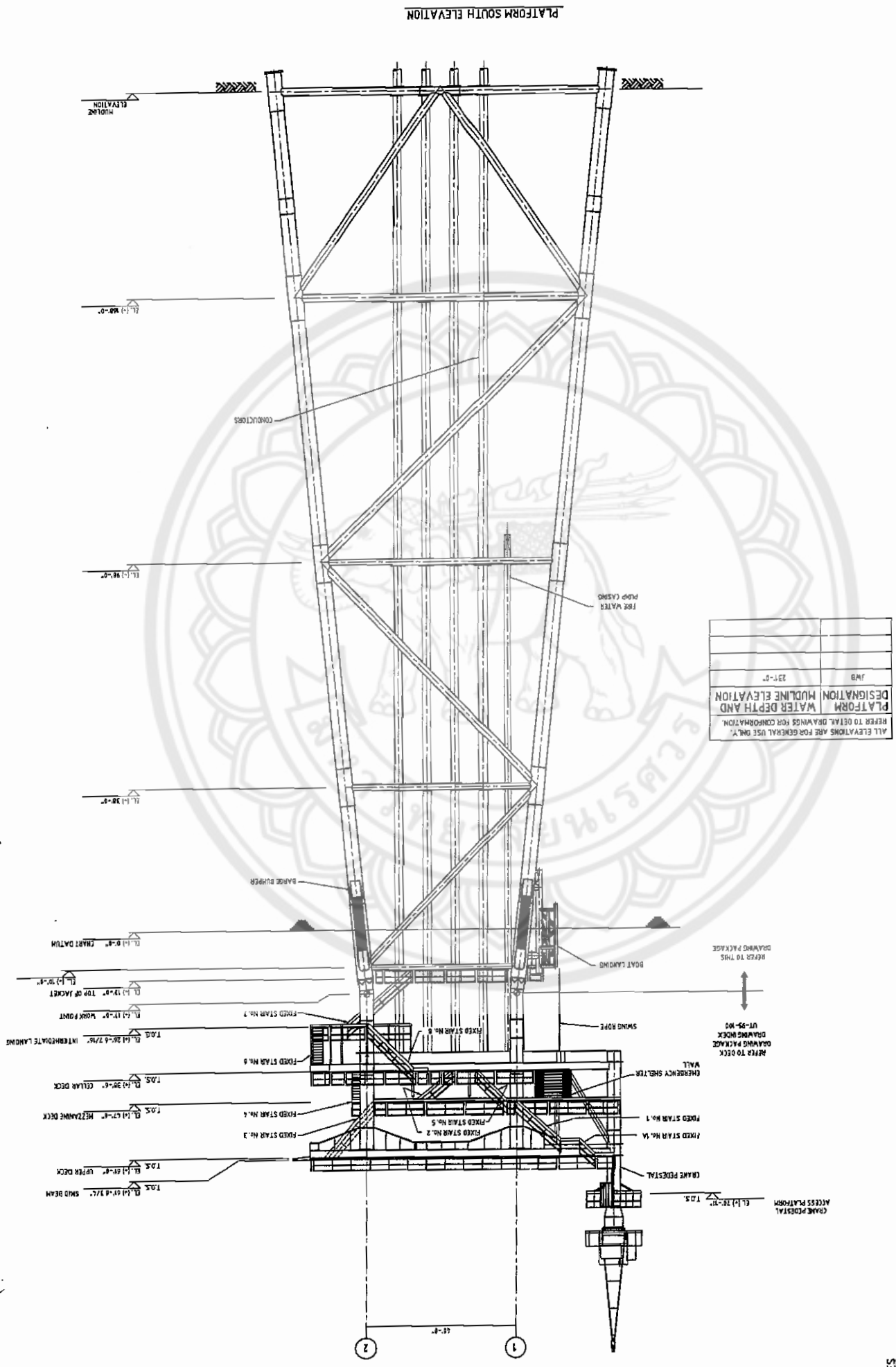
FINAL PROPOSED LOCATION (REFER UNOCAL-MVM REPORT)		
UTM: m E / m N	749,405	1,081,875
Geogs: Lat / Long	9° 46' 48.994"N	101° 16' 26.103"
REMARKS:	INDIAN 1975 DATUM / UTM ZONE 47 NORTH.	
WATER DEPTH (CD) m	72	
Geophysical Site Survey	Unocal-MVM report, ref 1	



ภาพที่ ก.1 แสดงพิกัดและความลึกของพื้นที่ติดตั้งบริเวณอ่าวไทย

ภาคผนวก ข

- Jacket Drawing
- Sling length Drawing
- Crane Chart
- Weight Control Report
- CUEL's Sling list
- CUEL's Shackle list



GENERAL NOTES

RELEVANT TO ALL DRAWINGS

1. FABRICATION TO BE IN ACCORDANCE WITH UNICAL CONSTRUCTION SPECIFICATION CS-500.
2. PAINTING TO BE IN ACCORDANCE WITH UNICAL GENERAL SPECIFICATION GS-13 AND UNICAL CONSTRUCTION SPECIFICATION CS-500.

3. STRUCTURAL STEEL PROCUREMENT SHALL BE IN ACCORDANCE WITH CONSTRUCTION SPECIFICATION C5-400. ALL PRIMARY STEEL SHALL BE CERTIFIED REFER DESIGN CRITERIA FOR PRIMARY STEEL DEFINITION!

3. STRUCTURAL STEEL PROCUREMENT SHALL BE IN ACCORDANCE WITH CONSTRUCTION SPECIFICATION CS-400. ALL PRIMARY STEEL SHALL BE CERTIFIED REFER DESIGN CRITERIA FOR PRIMARY STEEL DEFINITION.

5. WELDING PROCEDURES TO COMPLY WITH AWS D1-1:98 OR LATEST REVISION UNLESS SUPERCEDED BY UNOCAL GENERAL SPECIFICATION GS-10.

: WELDS TO BE CONTINUOUS AND FULL PENETRATION UNLESS NOTED OTHERWISE.

ALL BEANS ARE KIDNEY BEANS UNLESS NOTED OTHERWISE.

THE FOLLOWING STEEL GRADES ARE DEEMED "EQUIVALENT" AND SUBSTITUTIONS MAY BE IMPLEMENTED BY THE FABRICATOR WITH PRIOR APPROVAL FROM UNOCAL. THE FABRICATOR SHALL INFORM UNOCAL IN WRITING OF ANY MATERIAL GRADE SUBSTITUTIONS.

ASTM A36 MAY BE SUBSTITUTED WITH API 5L GR68 - FOR TUBULARS.
ASTM A572 GR50 MAY BE SUBSTITUTED WITH API 5L GR52 - FOR TUBULARS.
API 2H GR50 (57.5%) MAY BE SUBSTITUTED WITH
API-2H GR50M(TCP) (51.54) - FOR PLATE.

ASTM A36 MAY BE SUBSTITUTED BY SS400 FOR SHAPES & PLATES.

[illegible]

SUBSTRUCTURE DESIGN CRITERIA

CORROSION PROTECTION

1.40 MLS OF GALTOLAKE TO BE APPLIED TO THE SPLASH ZONE ONLY IN ACCORDANCE WITH COMPANY PROTECTIVE COATING SPECIFICATION NO G5-13 AND THE MANUFACTURER'S RECOMMENDATIONS.

2. GALVANIC ANODES TO BE MANUFACTURED IN ACCORDANCE WITH THE GENERAL SPECIFICATIONS OF THE GALVANIC ANODE MANUFACTURER.

3. GALVANIC ANODES TO BE OF THE TYPE OF ANODES USED ARE GALVALUM RIBB KA-95, 54.0 POUND UNIT WITH A SYSTEM LIFE OF 5 YEARS.

MARKET APPURTENANCES

THE FOLLOWING APPURTENANCES ARE INCLUDED IN THE JACKET DESIGN.

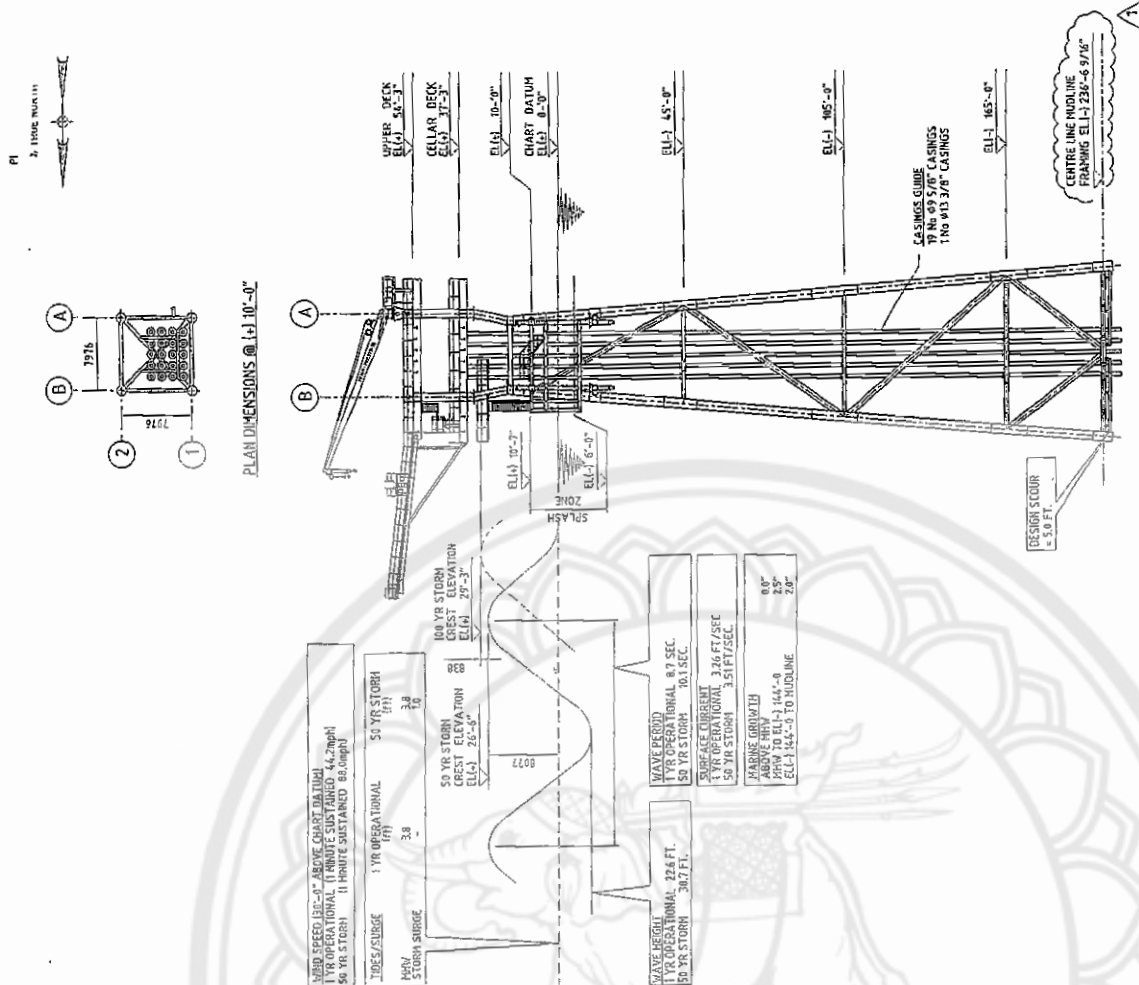
1	No. BOAT LANDING
1	No. 3/4" RISER
18	No. 40 3/4" CASINGS
2	No. 49 5/8" CASINGS
66	No. 113 3/4" CASINGS
26	No. ANODIES

FIGURE 1
BASED ON WAVE OCCURRENCE DATA PROVIDED IN THE UNOCAL ENVIRONMENTAL SPECIFICATION GS-10, A DETERMINISTIC FATIGUE ANALYSIS YIELDED ALL JOINT DESIGN LIVES GREATER THAN 25 YEARS (1 × DESIGN LIFE)

TURAL PERIOD

WATER LOADING SCENARIO	WATER DEPTH	
	180 FT	240 FT
TIDLE ENVIRONMENT	2.4 SEC	3.1 SEC
MODERATE STORM	3.1 SEC	3.9 SEC
EXTREME STORM	3.4 SEC	4.1 SEC

ATING & EXTREME NATURAL PERIODS HAVE INCLUDED ALL RELEVANT
SIDE LOADS & DRILL DECK LOADS, FATIGUE NATURAL PERIODS DO NOT
INCLUDE DRILL LOADS & DRILL DECK LOADS, FATIGUE NATURAL PERIODS
DO NOT INCLUDE DRILL DECK LOADS



CONTROLLED COPY

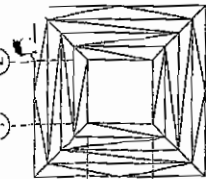
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מחזור

DESIGN CRITERIA & GE
JACKET

PHASE 28/6

DESIGN CRITERIA & GE
JACKET L NOTES



NOTES:

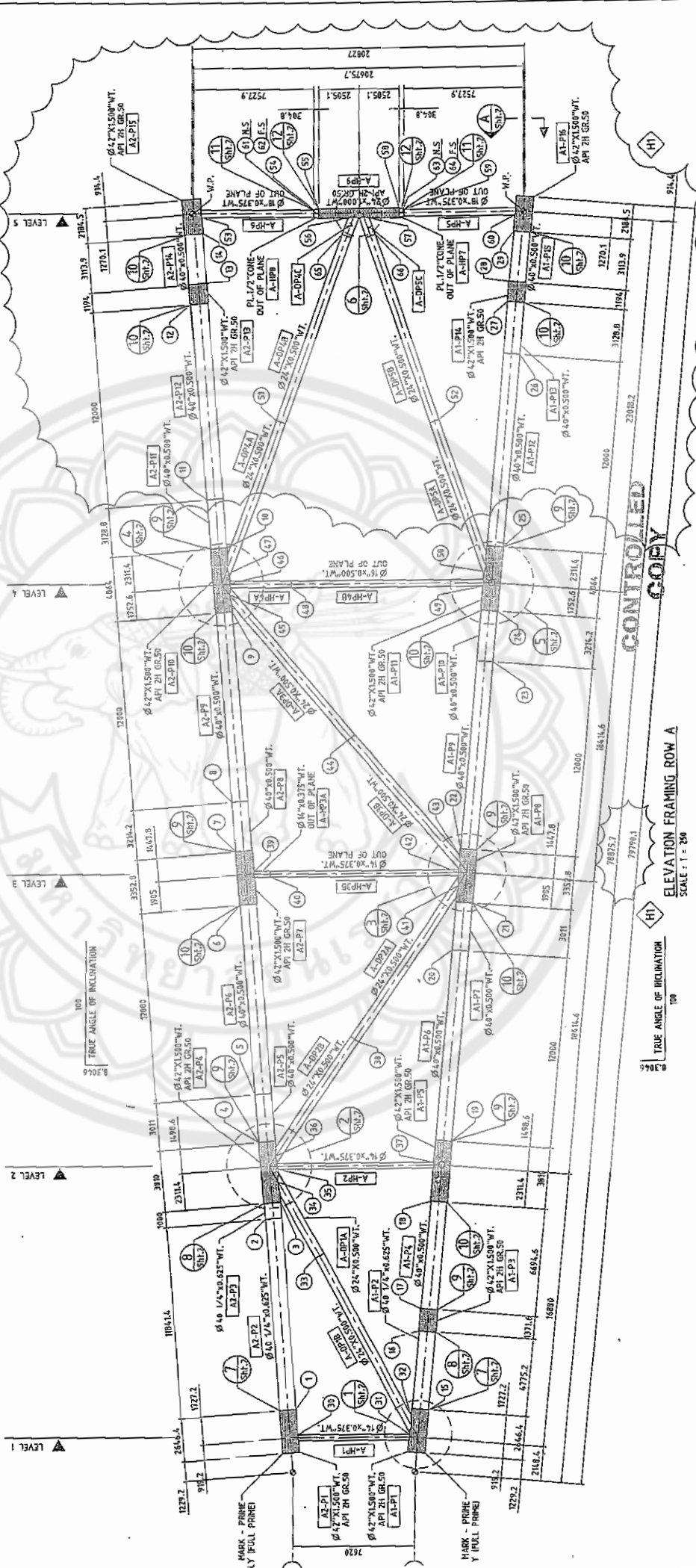
1. FOR GENERAL NOTES & DESIGN CRITERIA REFER TO DWG. NO. 28/4-FAB-95-001.
2. FOR SURFACE PREPARATION AND PAINTING, REFER TO SPECIFICATION GS-B.
3. ALL STEEL TO BE ASTM A572 GR 50 UNO.
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
5. ALL TACKWELDS, SPATTERS AND BURRS SHALL BE REMOVED AND GROUND.
6. ALL DIMENSIONS TO BE PRECEDED BY 28/4-
EX: 28/4-A1-P1 AND WELD JOINT NO. INDICATED

HOLD LIST

(H) - WATER DEPTH TO BE CONSIDERED

KEY PLAN
SCALE: 1/4" = 1'-0"

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	REMARKS	DATE	BY	CHKD	APPROVED	REVISION	DATE	BY	CHKD	APPROVED
1	28/4-A1-P1	1	1	28/4-A1-P1	1	1	1	1	1	1	1	1	1
2	28/4-A1-P2	1	1	28/4-A1-P2	1	1	1	1	1	1	1	1	1
3	28/4-A1-P3	1	1	28/4-A1-P3	1	1	1	1	1	1	1	1	1
4	28/4-A1-P4	1	1	28/4-A1-P4	1	1	1	1	1	1	1	1	1
5	28/4-A1-P5	1	1	28/4-A1-P5	1	1	1	1	1	1	1	1	1
6	28/4-A1-P6	1	1	28/4-A1-P6	1	1	1	1	1	1	1	1	1
7	28/4-A1-P7	1	1	28/4-A1-P7	1	1	1	1	1	1	1	1	1
8	28/4-A1-P8	1	1	28/4-A1-P8	1	1	1	1	1	1	1	1	1
9	28/4-A1-P9	1	1	28/4-A1-P9	1	1	1	1	1	1	1	1	1
10	28/4-A1-P10	1	1	28/4-A1-P10	1	1	1	1	1	1	1	1	1
11	28/4-A1-P11	1	1	28/4-A1-P11	1	1	1	1	1	1	1	1	1
12	28/4-A1-P12	1	1	28/4-A1-P12	1	1	1	1	1	1	1	1	1
13	28/4-A1-P13	1	1	28/4-A1-P13	1	1	1	1	1	1	1	1	1
14	28/4-A1-P14	1	1	28/4-A1-P14	1	1	1	1	1	1	1	1	1
15	28/4-A1-P15	1	1	28/4-A1-P15	1	1	1	1	1	1	1	1	1
16	28/4-A1-P16	1	1	28/4-A1-P16	1	1	1	1	1	1	1	1	1
17	28/4-A1-P17	1	1	28/4-A1-P17	1	1	1	1	1	1	1	1	1
18	28/4-A1-P18	1	1	28/4-A1-P18	1	1	1	1	1	1	1	1	1
19	28/4-A1-P19	1	1	28/4-A1-P19	1	1	1	1	1	1	1	1	1
20	28/4-A1-P20	1	1	28/4-A1-P20	1	1	1	1	1	1	1	1	1
21	28/4-A1-P21	1	1	28/4-A1-P21	1	1	1	1	1	1	1	1	1
22	28/4-A1-P22	1	1	28/4-A1-P22	1	1	1	1	1	1	1	1	1
23	28/4-A1-P23	1	1	28/4-A1-P23	1	1	1	1	1	1	1	1	1
24	28/4-A1-P24	1	1	28/4-A1-P24	1	1	1	1	1	1	1	1	1
25	28/4-A1-P25	1	1	28/4-A1-P25	1	1	1	1	1	1	1	1	1
26	28/4-A1-P26	1	1	28/4-A1-P26	1	1	1	1	1	1	1	1	1
27	28/4-A1-P27	1	1	28/4-A1-P27	1	1	1	1	1	1	1	1	1
28	28/4-A1-P28	1	1	28/4-A1-P28	1	1	1	1	1	1	1	1	1
29	28/4-A1-P29	1	1	28/4-A1-P29	1	1	1	1	1	1	1	1	1
30	28/4-A1-P30	1	1	28/4-A1-P30	1	1	1	1	1	1	1	1	1
31	28/4-A1-P31	1	1	28/4-A1-P31	1	1	1	1	1	1	1	1	1
32	28/4-A1-P32	1	1	28/4-A1-P32	1	1	1	1	1	1	1	1	1
33	28/4-A1-P33	1	1	28/4-A1-P33	1	1	1	1	1	1	1	1	1
34	28/4-A1-P34	1	1	28/4-A1-P34	1	1	1	1	1	1	1	1	1
35	28/4-A1-P35	1	1	28/4-A1-P35	1	1	1	1	1	1	1	1	1
36	28/4-A1-P36	1	1	28/4-A1-P36	1	1	1	1	1	1	1	1	1
37	28/4-A1-P37	1	1	28/4-A1-P37	1	1	1	1	1	1	1	1	1
38	28/4-A1-P38	1	1	28/4-A1-P38	1	1	1	1	1	1	1	1	1
39	28/4-A1-P39	1	1	28/4-A1-P39	1	1	1	1	1	1	1	1	1
40	28/4-A1-P40	1	1	28/4-A1-P40	1	1	1	1	1	1	1	1	1
41	28/4-A1-P41	1	1	28/4-A1-P41	1	1	1	1	1	1	1	1	1
42	28/4-A1-P42	1	1	28/4-A1-P42	1	1	1	1	1	1	1	1	1
43	28/4-A1-P43	1	1	28/4-A1-P43	1	1	1	1	1	1	1	1	1
44	28/4-A1-P44	1	1	28/4-A1-P44	1	1	1	1	1	1	1	1	1
45	28/4-A1-P45	1	1	28/4-A1-P45	1	1	1	1	1	1	1	1	1
46	28/4-A1-P46	1	1	28/4-A1-P46	1	1	1	1	1	1	1	1	1
47	28/4-A1-P47	1	1	28/4-A1-P47	1	1	1	1	1	1	1	1	1
48	28/4-A1-P48	1	1	28/4-A1-P48	1	1	1	1	1	1	1	1	1
49	28/4-A1-P49	1	1	28/4-A1-P49	1	1	1	1	1	1	1	1	1
50	28/4-A1-P50	1	1	28/4-A1-P50	1	1	1	1	1	1	1	1	1
51	28/4-A1-P51	1	1	28/4-A1-P51	1	1	1	1	1	1	1	1	1
52	28/4-A1-P52	1	1	28/4-A1-P52	1	1	1	1	1	1	1	1	1
53	28/4-A1-P53	1	1	28/4-A1-P53	1	1	1	1	1	1	1	1	1
54	28/4-A1-P54	1	1	28/4-A1-P54	1	1	1	1	1	1	1	1	1
55	28/4-A1-P55	1	1	28/4-A1-P55	1	1	1	1	1	1	1	1	1
56	28/4-A1-P56	1	1	28/4-A1-P56	1	1	1	1	1	1	1	1	1
57	28/4-A1-P57	1	1	28/4-A1-P57	1	1	1	1	1	1	1	1	1
58	28/4-A1-P58	1	1	28/4-A1-P58	1	1	1	1	1	1	1	1	1
59	28/4-A1-P59	1	1	28/4-A1-P59	1	1	1	1	1	1	1	1	1
60	28/4-A1-P60	1	1	28/4-A1-P60	1	1	1	1	1	1	1	1	1
61	28/4-A1-P61	1	1	28/4-A1-P61	1	1	1	1	1	1	1	1	1
62	28/4-A1-P62	1	1	28/4-A1-P62	1	1	1	1	1	1	1	1	1
63	28/4-A1-P63	1	1	28/4-A1-P63	1	1	1	1	1	1	1	1	1
64	28/4-A1-P64	1	1	28/4-A1-P64	1	1	1	1	1	1	1	1	1
65	28/4-A1-P65	1	1	28/4-A1-P65	1	1	1	1	1	1	1	1	1
66	28/4-A1-P66	1	1	28/4-A1-P66	1	1	1	1	1	1	1	1	1
67	28/4-A1-P67	1	1	28/4-A1-P67	1	1	1	1	1	1	1	1	1
68	28/4-A1-P68	1	1	28/4-A1-P68	1	1	1	1	1	1	1	1	1
69	28/4-A1-P69	1	1	28/4-A1-P69	1	1	1	1	1	1	1	1	1
70	28/4-A1-P70	1	1	28/4-A1-P70	1	1	1	1	1	1	1	1	1
71	28/4-A1-P71	1	1	28/4-A1-P71	1	1	1	1	1	1	1	1	1
72	28/4-A1-P72	1	1	28/4-A1-P72	1	1	1	1	1	1	1	1	1
73	28/4-A1-P73	1	1	28/4-A1-P73	1	1	1	1	1	1	1	1	1
74	28/4-A1-P74	1	1	28/4-A1-P74	1	1	1	1	1	1	1	1	1
75	28/4-A1-P75	1	1	28/4-A1-P75	1	1	1	1	1	1	1	1	1
76	28/4-A1-P76	1	1	28/4-A1-P76	1	1	1	1	1	1	1	1	1
77	28/4-A1-P77	1	1	28/4-A1-P77	1	1	1	1	1	1	1	1	1
78	28/4-A1-P78	1	1	28/4-A1-P78	1	1	1	1	1	1	1	1	1
79	28/4-A1-P79	1	1	28/4-A1-P79	1	1	1	1	1	1	1	1	1
80	28/4-A1-P80	1	1	28/4-A1-P80	1	1	1	1	1	1	1	1	1
81	28/4-A1-P81	1	1	28/4-A1-P81	1	1	1	1	1	1	1	1	1
82	28/4-A1-P82	1	1	28/4-A1-P82	1	1	1	1	1	1	1	1	1
83	28/4-A1-P83	1	1	28/4-A1-P83	1	1	1	1	1	1	1	1	1
84	28/4-A1-P84	1	1	28/4-A1-P84	1	1	1	1	1	1	1	1	1
85	28/4-A1-P85	1	1	28/4-A1-P85	1	1	1	1	1	1	1	1	1
86	28/4-A1-P86	1	1	28/4-A1-P86	1	1	1	1	1	1	1	1	1
87	28/4-A1-P87	1	1	28/4-A1-P87	1	1	1	1	1	1	1	1	1
88	28/4-A1-P88	1	1	28/4-A1-P88	1	1	1	1	1	1	1	1	1
89	28/4-A1-P89	1	1	28/4-A1-P89	1	1	1	1	1	1	1	1	1
90	28/4-A1-P90	1	1	28/4-A1-P90	1	1	1	1	1	1	1	1	1
91	28/4-A1-P91	1	1	28/4-A1-P91	1	1	1	1	1	1	1	1	1
92	28/4-A1-P92	1	1	28/4-A1-P92	1	1	1	1	1	1	1	1	1
93	28/4-A1-P93	1	1	28/4-A1-P93	1	1	1	1	1	1	1	1	1
94	28/4-A1-P94	1	1	28/4-A1-P94	1	1	1	1	1	1	1	1	1
95	28/4-A1-P95	1	1	28/4-A1-P95	1	1	1	1	1	1	1	1	1
96	28/4-A1-P96	1	1	28/4-A1-P96	1	1	1	1	1	1	1	1	1
97	28/4-A1-P97	1	1	28/4-A1-P97	1	1	1	1	1	1	1	1	1
98	28/4-A1-P98	1	1	28/4-A1-P98	1	1	1	1	1	1	1	1	1
99	28/4-A1-P99	1	1	28/4-A1-P99	1	1	1	1	1	1	1	1	1
100	28/4-A1-P100	1	1	28/4-A1-P100	1	1	1	1	1	1	1	1	1



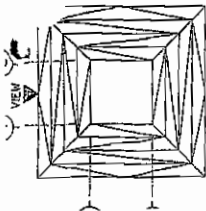
NOTES:

1. FOR GENERAL NOTES & DESIGN CRITERIA REFER TO DWG. NO. 28/6-FAB-95-001.
2. FOR SURFACE PREPARATION AND PAINTING, REFER TO SPECIFICATION 05-1.
3. ALL STEEL TO BE ASTM A572 GR 50 UNO.
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
5. ALL TACKWELDS, SPATTERS AND BURRS SHALL BE REMOVED AND GROUND.
6. ALL PECKMARKS TO BE PREFIXED BY 28/6-EX [28/6-B1-P1] AND WELD JOINT NO. INDICATED

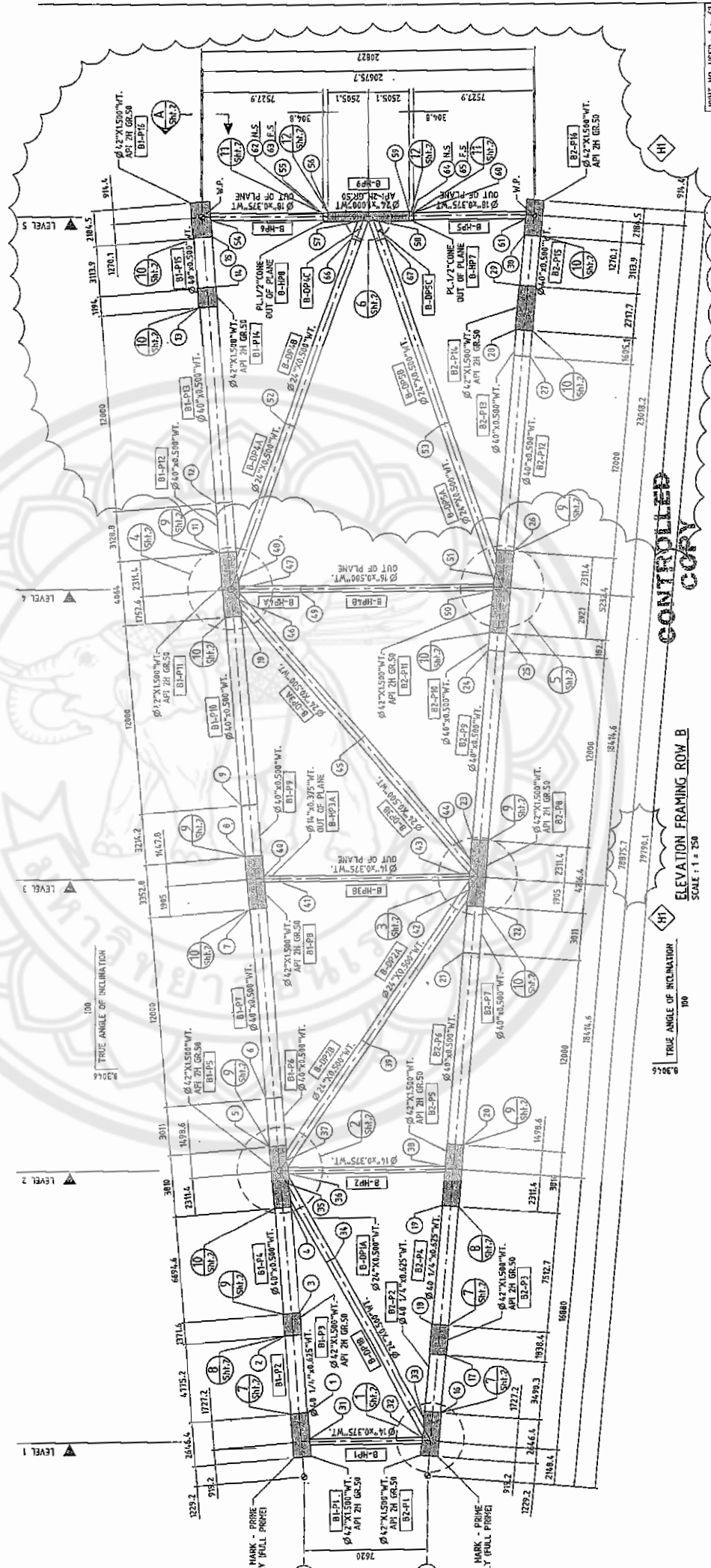
HOLD LIST

WATER DEPTH TO BE CONFIRMED

KEY PLAN
SCALE: 1:50



ITEM NO.	DESCRIPTION	QTY	UNIT	REMARKS	REVISION	DATE	BY	CHKD	APPROVED
1	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
2	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
3	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
4	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
5	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
6	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
7	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
8	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
9	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
10	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
11	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
12	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
13	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
14	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
15	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
16	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
17	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
18	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
19	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
20	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
21	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
22	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
23	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
24	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
25	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
26	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
27	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
28	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
29	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
30	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
31	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
32	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
33	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
34	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
35	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
36	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
37	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
38	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
39	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
40	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
41	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
42	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
43	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
44	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
45	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
46	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
47	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
48	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
49	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
50	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
51	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
52	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
53	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
54	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
55	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
56	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
57	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
58	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
59	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
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61	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
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65	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
66	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
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91	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
92	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
93	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
94	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
95	PIPE 1/2" DIA. X 15.00' WT.	1	EA	1000.0					
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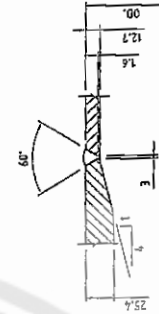
JACKET PRIMARY GRID ROW B - ELEVATION FRAMING		PHASE	28/6
GRID ROW B - ELEVATION FRAMING		PLATFORM	
SCALE		28/6-FAB-95-001	
SHEET		REV.	
JOINT NO. USED: 1 ~ 67			

NO.	DESCRIPTION	REV.	DATE
1	ISSUED FOR FABRICATION		
2	ISSUED FOR FABRICATION		
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99	ISSUED FOR FABR		

SHOP MARK	ITEM	DESCRIPTION	REMARKS	UNIT	S.A. (sq. ft.)	W.T. (lb.)
	ALL	AS NOTED				
200A-LF1	1	PIPE 10" DIA. X 0.500"		1000S	AS72 GR.50	1518.2
200B-LF2	1	PIPE 10" DIA. X 0.500"		1000S	AS72 GR.50	1518.2
200A-LF3	1	PIPE 10" DIA. X 0.500"		1130S	AS72 GR.50	1522.0
200B-LF4	1	PIPE 10" DIA. X 0.500"		1130S	AS72 GR.50	1522.0
200A-LF5	1	PIPE 10" DIA. X 0.500"		1000S	AS72 GR.50	1518.2
200B-LF6	1	PIPE 10" DIA. X 0.500"		1000S	AS72 GR.50	1518.2
200A-LF7	1	PIPE 10" DIA. X 0.500"		1130S	AS72 GR.50	1522.0
200B-LF8	1	PIPE 10" DIA. X 0.500"		1130S	AS72 GR.50	1522.0
200A-LF9	1	PIPE 10" DIA. X 0.500"		1000S	AS72 GR.50	1518.2
200B-LF10	1	PIPE 10" DIA. X 0.500"		1000S	AS72 GR.50	1518.2
			TOTAL			7495.7153.2

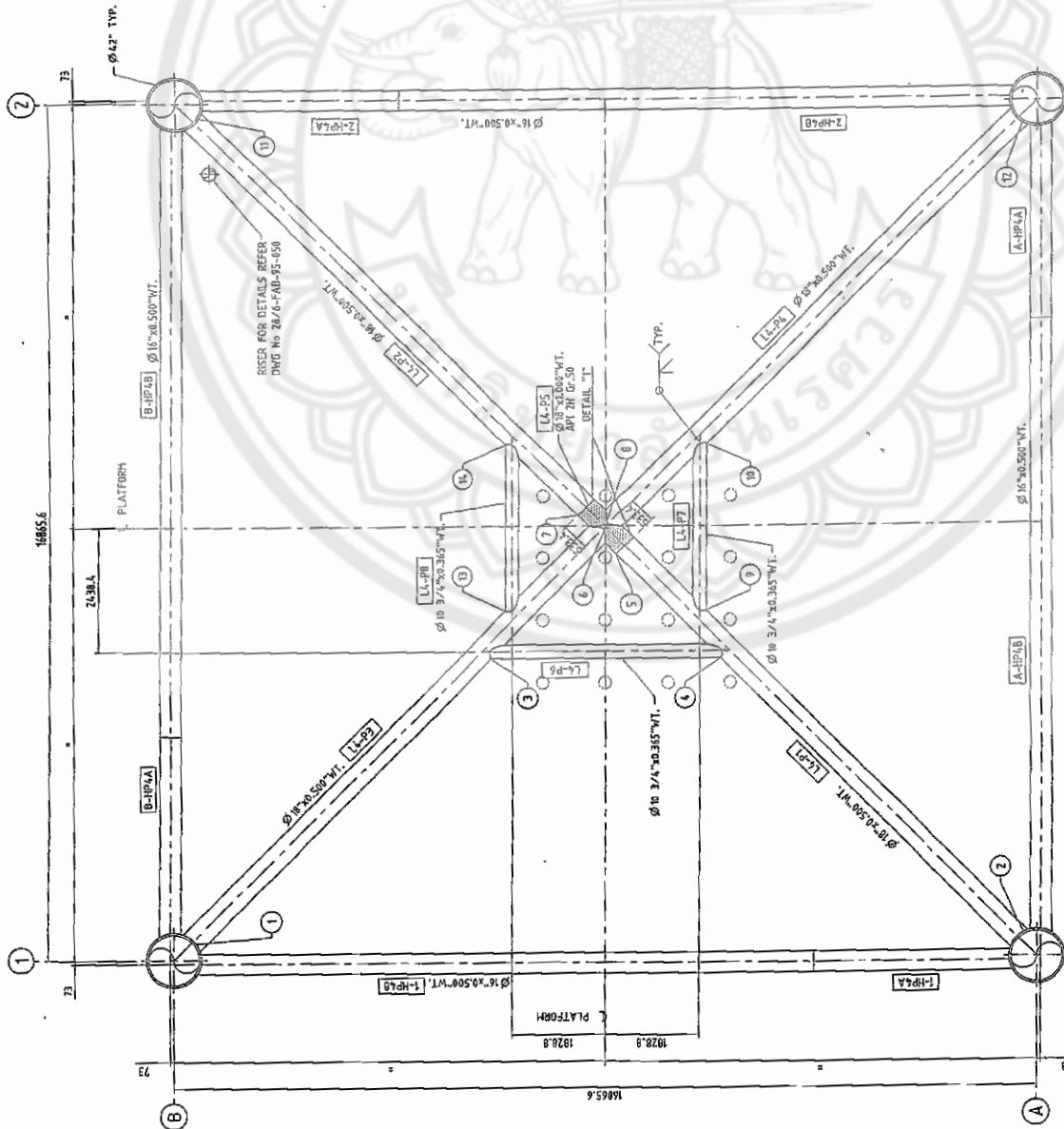
NOTES:

- FOR GENERAL NOTES & DESIGN CRITERIA REFER TO DWG. NO. 20/6-FAB-95-101.
- FOR SURFACE PREPARATION AND PAINTING, REFER TO SPECIFICATION 05-13.
- FOR NOTES ON WELDING, REFER TO SPECIFICATION 05-40.
- ALL STEEL TO BE ASTM A572 GR. 50 UNO.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
- ALL TACKWELDS, SPATTERS AND BURRS SHALL BE REMOVED AND GROUND.
- ALL PIECEMARKS TO BE PERFORMED BY 28/4-
EX 28/4-L1-21 AND WELD JOINT NO. INDICATED



DETAIL 1
SCALE 1:5

CONTROLLED
COPY



PLAN AT EL(-) 165'-0"
SCALE: 1" = 30'
CASING GUIDES NOT SHOWN FOR CLARITY

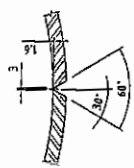
JOINT NO. USED: 1 - 14		PHASE	
JACKET - PRIMARY		28/6	
EL(-) 165'-0" - HORIZONTAL FRAMING		PLATFORM	
SCALE			
NO.	REV.	DATE	DESCRIPTION
1			DESIGN CRITERIA & GENERAL NOTES
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100			DESIGN CRITERIA & GENERAL NOTES



SHOP MARK	DESIGN	REVISION	MATERIAL	DATE	BY	CHKD
ONE	DOUBLE	2	PL 25 x 184	1/24	AS2	AS2
ONE	DOUBLE	2	PL 25 x 184	1/24	AS2	AS2
ONE	DOUBLE	2	PL 25 x 184	1/24	AS2	AS2
ONE	DOUBLE	2	PL 25 x 184	1/24	AS2	AS2
ONE	DOUBLE	2	PL 25 x 184	1/24	AS2	AS2
ONE	DOUBLE	2	PL 25 x 184	1/24	AS2	AS2
ONE	DOUBLE	2	PL 25 x 184	1/24	AS2	AS2
ONE	DOUBLE	2	PL 25 x 184	1/24	AS2	AS2
ONE	DOUBLE	2	PL 25 x 184	1/24	AS2	AS2
ONE	DOUBLE	2	PL 25 x 184	1/24	AS2	AS2

NOTES

1. ALL FABRICATION TO ASCE (USA) MANUAL OF STEEL CONSTRUCTION 9th EDITION
2. ALL MATERIAL TO BE GRADE 355 Fy (50 KSI)
3. ALL WELDING IN ACCORDANCE WITH AWS D11 USING E70 KSI LOW HYDROGEN ELECTRODES.
4. ALL STEEL TO BE FULLY WELDED UNO
5. ALL WELDS TO BE 8 CFW UNO
6. ALL BUTT WELDS TO BE FULL PENETRATION VEE GROOVE WELDS IN ACCORDANCE WITH AWS D1.1
7. WELD TESTING
 - 10% MPI TO FILET WELDS
 - 10% X-RAY/UT TO BUTT WELDS
 - 100% UT TO ALL PADEYE BUTT WELDS
8. ALL STEEL PLATE TO BE 12mm THICK UNO.
9. ALL HOLES TO BE Ø22 TO SUIT M20 GR 8.8 BOLTS UNO.
10. ALL SURFS TO BE 15mm UNO
11. ALL RADIUS TO BE 20mm UNO
12. ALL ITEMS TO BE MARKED WITH RELATIVE ITEM NUMBER PREFIXED WITH DRAWING NUMBER.
13. FOR DOG PLATE DETAILS REFER DRAWING DWG No. 20/6-FAB-95-0379
14. ALL PREMARKS TO BE PREFIXED BY 20/6-EX [20/6-DBP2-02] AND WELD JOINT No. INDICATED

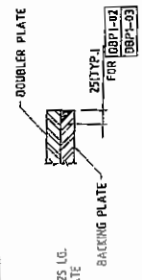


DETAIL "S" SCALE: 1:10



DETAIL OF DBP1-02 SCALE: 1:10

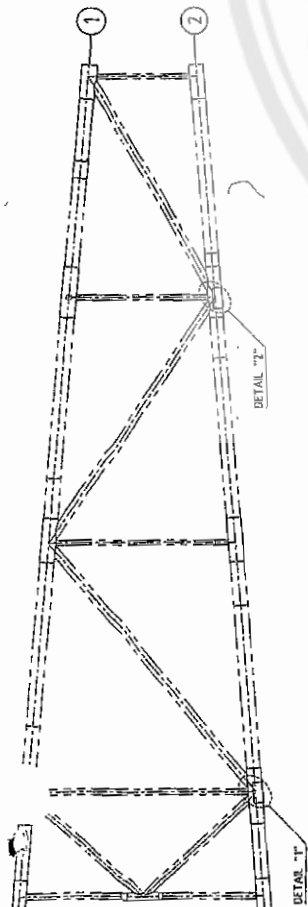
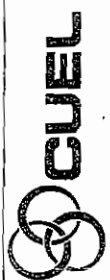
CONTROLLED COPY



DETAIL OF DBP1-03 SCALE: 1:10

WELD BACKING PLATE DETAIL SCALE: 1:10

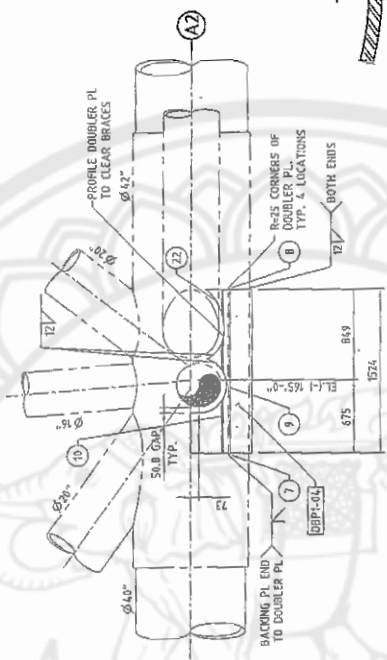
JOINT NO. USED: 1 - 26	PHASE: 28/6	SHEET: REV. A
JACKET INSTALLATION DOUBLER PL. AND PARKING PL. DETAILS R'		
SCALE: 1:10		



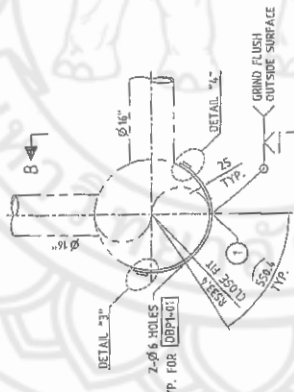
ELEVATION FRAMING ROW "A" SCALE: 1:50

DETAIL "L" SCALE: 1:10

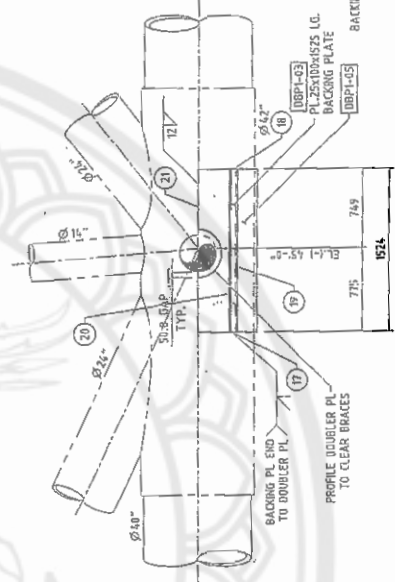
DETAIL "3" SCALE: 1:10



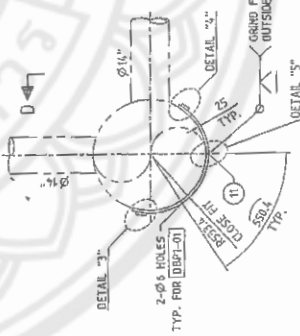
SECTION B-B SCALE: 1:50



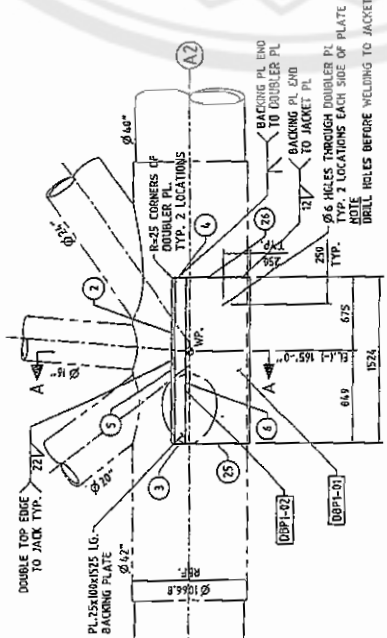
DETAIL "3" SCALE: 1:10



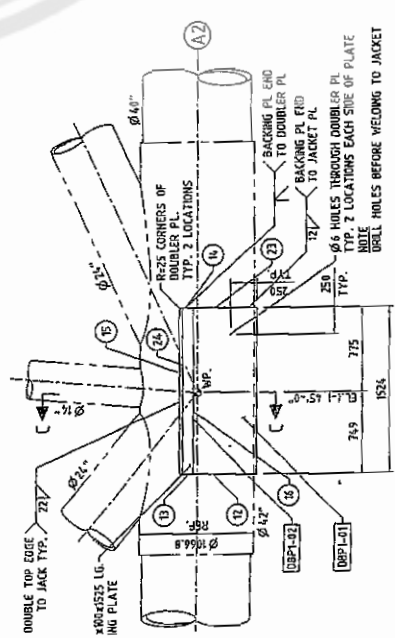
SECTION D-D SCALE: 1:50



DETAIL "3" SCALE: 1:10



DETAIL "1" SCALE: 1:50

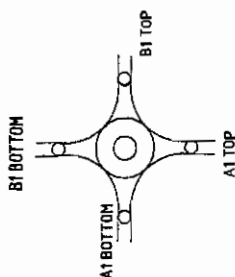


DETAIL "2" SCALE: 1:50

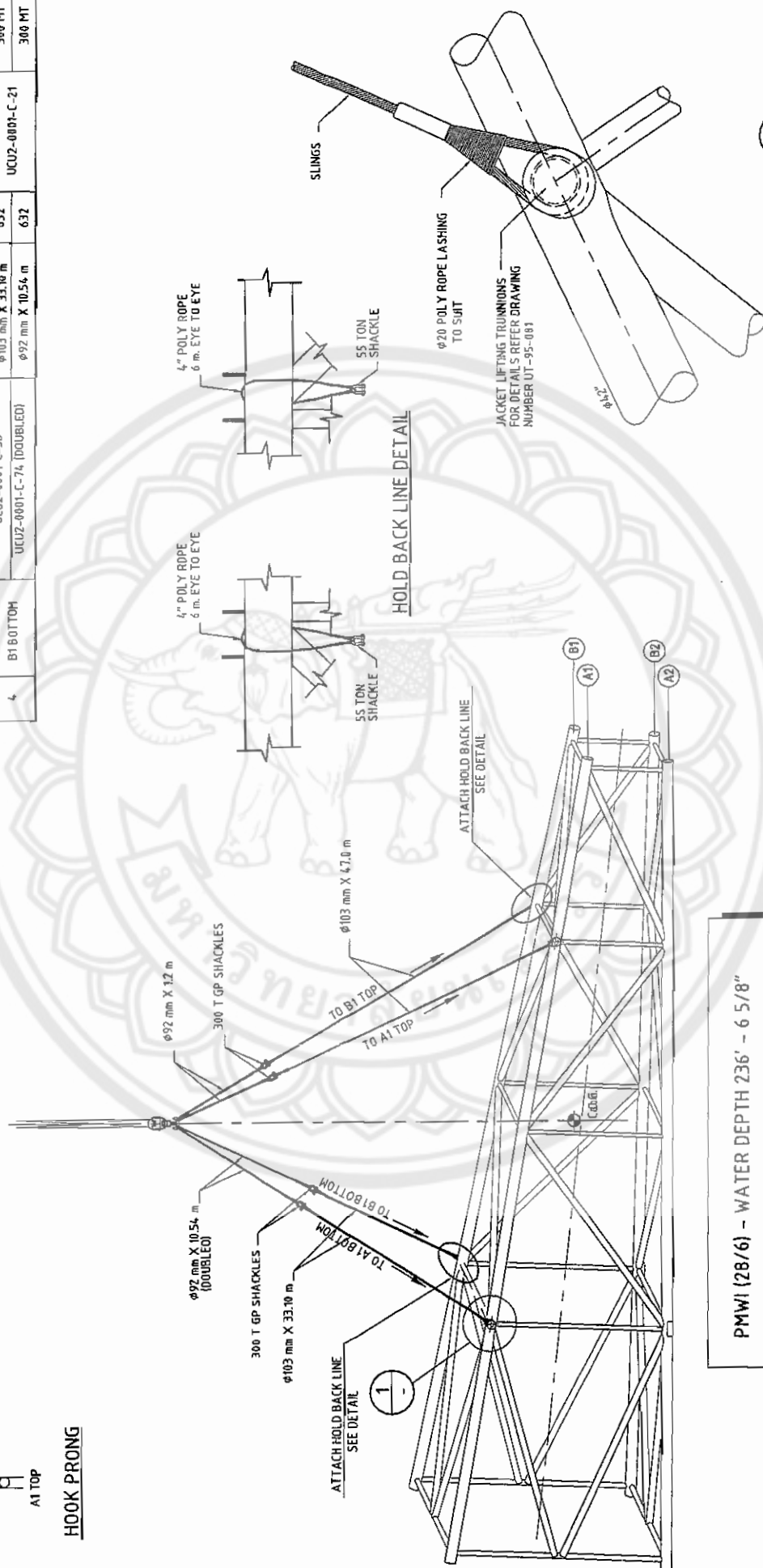
NO.	REV.	DATE	DESCRIPTION	BY	CHKD	APPD
0	1	1/24	ISSUED FOR FABRICATION	AS2	AS2	
DESIGN CRITERIA & GENERAL NOTES						
20/6-FAB-95-040						
20/6-FAB-95-040						
REFERENCE DRAWINGS						
20/6-FAB-95-040						
20/6-FAB-95-040						

RIGGING SCHEDULE:

1. ALL WIRES/SHACKLES/FITTINGS TO BE CERTIFIED.
2. SLING FERRULES TO BE STAMPED WITH CERTIFICATE No. SLING SIZE & LENGTH.
3. ORIGINAL OF ALL MATERIAL & RIGGING CERTIFICATES PLUS COPY TO BE PROVIDED.



HOLD BACK LINE DETAIL



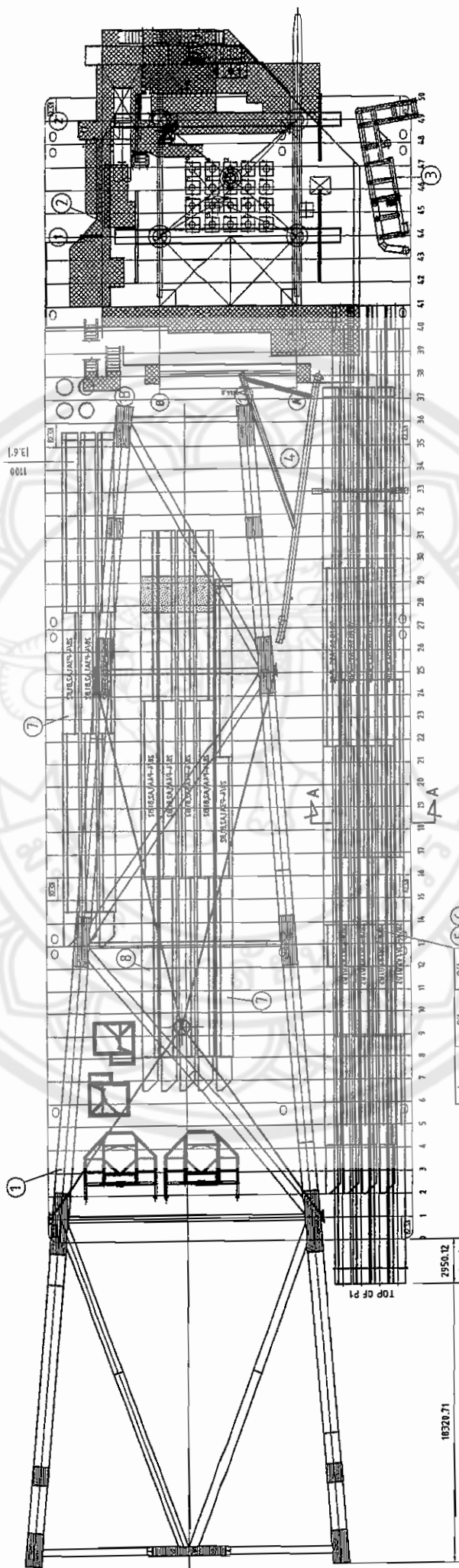
PMWI (28/6) - WATER DEPTH 236' - 6 5/8"

JACKET HORIZONTAL LIFT RIGGING ARRANGEMENT

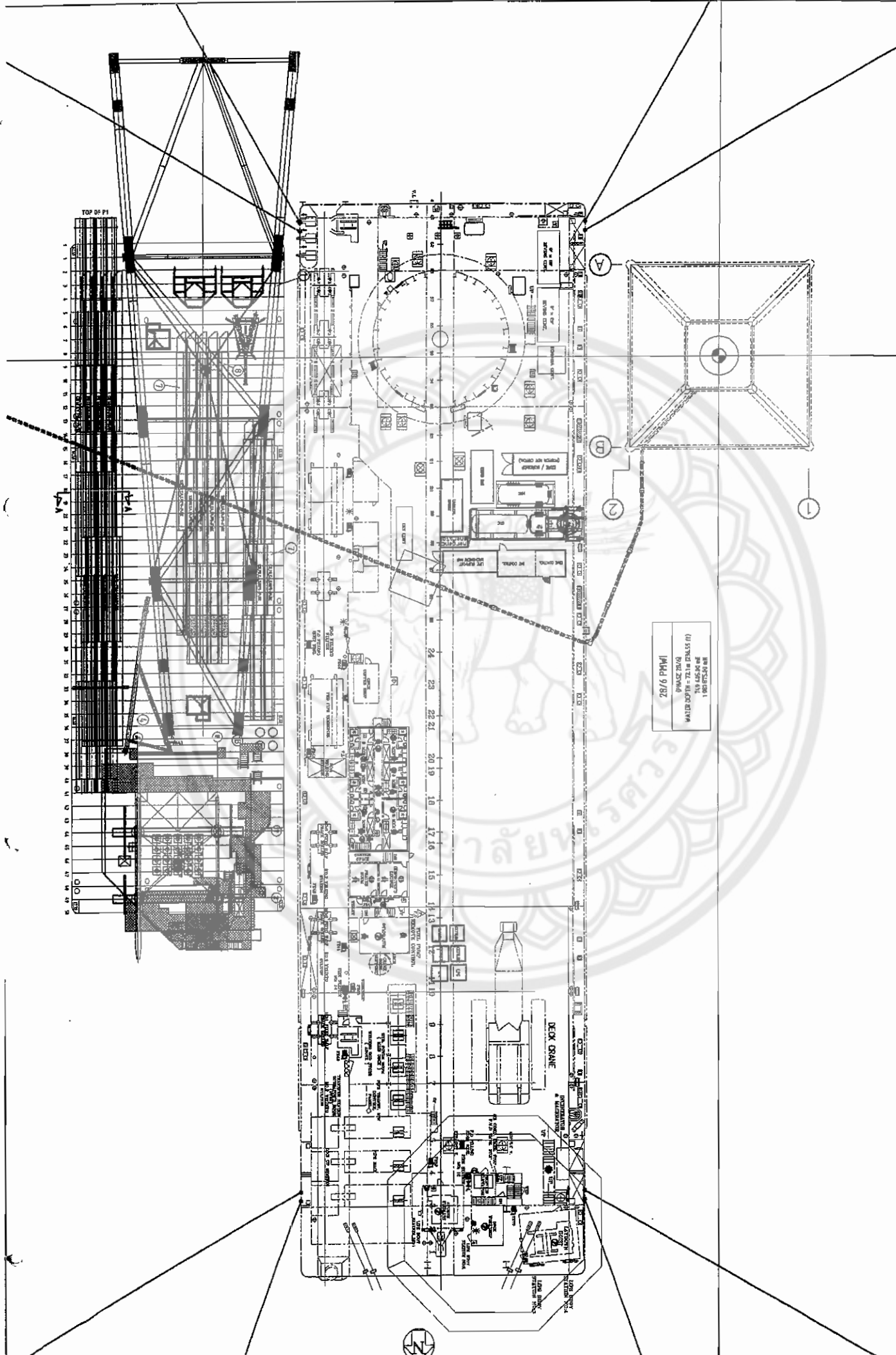
[illegible]

Structure Loadout

Item	Description	Dims.	Qty	Weight (MT)	Note
1	Jacket	-	1	368.9	-
2	Deck	-	1	-	-
3	Upper	-	1	443.1	-
4	Below cellar	-	1	-	-
5	Access platform	-	1	19.5	-
6	Boat landing	-	1	10.7	-
7	Flare boom	-	1	133.1516	-
8	Pile P1	Ø36"x65.38	4	133.1516	-
9	Pile P2	Ø36"x59.8	4	167.620	-
10	Pile P3	Ø36"x32.1	4	105.9048	-
11	Pile P4	Ø36"x33.7	4	111.1248	-
Total				1325.8	



Section A-A



NO. 05-20-001
 NO. 05-20-002
 NO. 05-20-003
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0826 SETUP FOR JACKET AND PILES INSTALLATION		PHASE 28 PLATFORM 28/6	
SCALE NTS		UTL286-INS-PF-SK-204	
REVISION		DATE	
NO. 05-20-001		DATE	
NO. 05-20-002		DATE	
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0826 SETUP
FOR
JACKET AND PILES INSTALLATION

PHASE 28
PLATFORM
28/6

SCALE NTS

UTL286-INS-PF-SK-204

REVISION

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NO. 05-20-001

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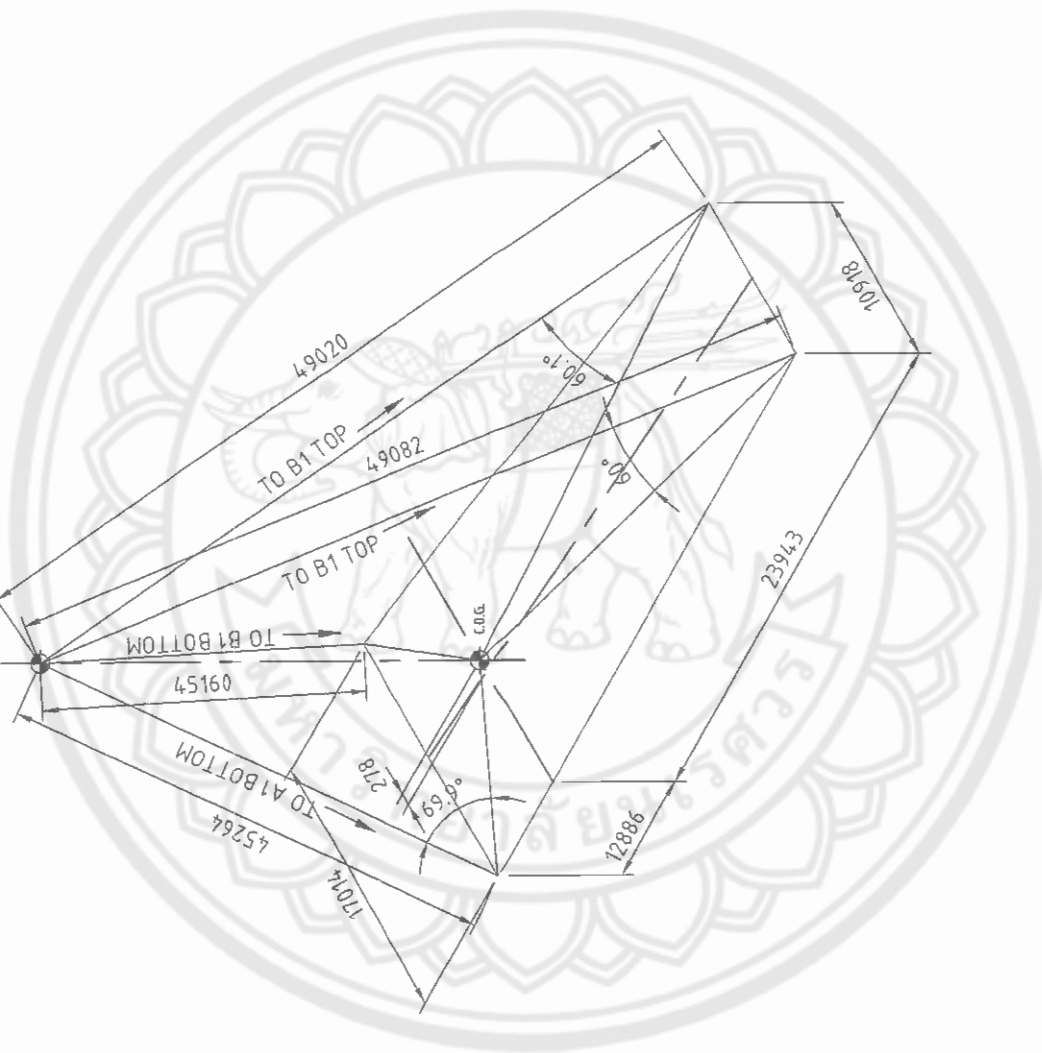
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LIFT RADIUS : 95'-7"
LIFT CAPACITY : 660 ST (REVOL VING)
LIFT WEIGHT : 4,47.87 ST (INCLUDING RIGGING AND 10% DAF)
HOOK HEIGHT : 195'

- 1) MAIN FIXED CAPACITY:
LIFT WITH BOOM DIRECTLY OVER BARGE
DISTERT. 1" MAXIMUM CROSS ANGLE OF
BOOM TO PLANE OF BOOM. LIMITED SWING
FOR LOAD SPOTTING.
- 2) MAIN FULL REVOLVING CAPACITY:
BARGE ROLL DUE TO SEAS LIMITED TO 2°
SINGLE UPSTE.
- 3) LIFTS AT OR NEAR CAPACITY (i.e. 95
TONS) SHOULD BE CHECKED BY ENGINEERING.
- 4) MAIN HOOK HEIGHT SHOWN 6 FT
BELOW ORIGINAL HEIGHT DUE TO
INSTALLATION OF EX-09-23 HOOK.
- 5) ANY LIFTS TO BE PERFORMED BEYOND
THE LIMITS OF THE CAPACITY CURVE ARE
TO BE GIVEN SPECIFIC CRANE
MANUFACTURE APPROVAL.

1. JACKET WEIGHT = 368.93 MT
2. RIGGING WEIGHT = 17.74 MT
3. 10% DAF = 38.67 MT
TOTAL WEIGHT = 425.34 MT
= 467.87 ST





WEIGHT CONTROL REPORT - PHASE 28/6 JACKET, 236 - 6" 5/8 WD

PROJECT PHASE 28 WEIGHT CONTROL REPORT

BY Worrasak N

REVISION 0

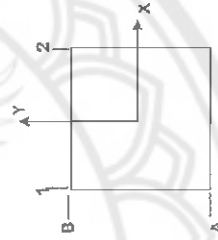
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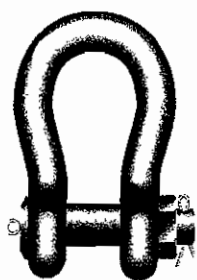
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DWG. NO.	DESCRIPTION	WT. TOT. kg	Distance			Moment			REMARKS
			X	Y	Z	Wx	Wy	Wz	
28/6 -FAB- 95- 005-014, 040, 065	JACKET TUBULAR STEEL (INCLUDED CASING GUIDE AND DE)	328,285.9	0.085	0.085	-37.829	1514.2	31047.2	-12277860.5	
28/6 -FAB- 95- 030-031	APPURTENANCES - BOATING LANDING PLANS & ELEVATIONS	15,780.3	-5.845	1.729	0.107	-93806.1	27277.7	1699.2	
28/6 -FAB- 95- 032	APPURTENANCES - BOATING LANDING PLANS & ELEVATIONS	1,814.4	-5.014	0.000	-0.018	-8094.3	0.0	-31.3	
28/6 -FAB- 95- 033	APPURTENANCES - STAIR DETAILS ST1	360.9	-5.521	-0.259	2.788	-1992.5	-93.6	1039.8	
28/6 -FAB- 95- 034-035	APPURTENANCES - BOAT LANDING HANDRAIL & GRATING DETAILS	1,782.0	-4.972	1.478	2.848	-8898.6	2633.9	5293.4	
28/6 -FAB- 95- 043	APPURTENANCES - COOLER PIPE (included support)	-	-	-	-	-	-	-	
28/6 -FAB- 95- 045	APPURTENANCES - MUDMAT	() 15,889.8	0.000	0.000	-72.897	0.0	0.0	-1188587.2	
28/6 -FAB- 95- 050-052	APPURTENANCES - RISER SUPPORT	() 2,870.1	4.711	5.873	-26.296	13521.3	16855.0	-75470.7	
28/6 -FAB- 95- 055	APPURTENANCES - SERVICE WATER CAISSON	1,050.7	-2.133	-5.034	-5.888	-2241.1	-5289.2	-5986.6	
28/6 -FAB- 95- 056-057	APPURTENANCES - FLOODING SYSTEM	2,849.9	-0.217	-0.217	-22.033	-618.4	-618.4	-65071.8	
28/6 -FAB- 95- 061	APPURTENANCES - GRADING & HANDRAIL DETAILS EL (+10')	-	-	-	-	-	-	-	
28/6 -FAB- 95- 061	INSTALLATION LIFTING TRUNION DETAILS	() 899.3	-6.861	0.000	-32.004	-6170.1	0.0	-28781.2	
28/6 -FAB- 95- 082	INSTALLATION UPENDING LIFTING PADYTES	() 1,095.2	0.000	0.000	3.510	0.0	0.0	3625.1	
28/6 -10" G- JP1-1030	10" RISER PIPE	() 8,512.7	6.395	7.132	-33.538	54436.8	60711.9	-285478.3	
	CONTINGENCY 2.5%	9,474.9							
						-52310.0	132524.3	-13665679.9	
						X	Y	Z	
		TOTAL: 368,469.9				-0.195	0.941	-35.745	CENTER OF CHART DATUM
		(NVD BOAT LANDING) TOTAL: 368,932.9				0.164	0.278	-37.659	CENTER OF CHART DATUM

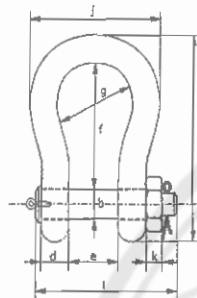
REMARKS:

1. The jacket tubular steel are including additional bracing.





P-6036



Green Pin® Heavy Duty Shackles

bow shackles with safety bolt

- **Material** : bow and pin alloy steel, Grade 8 quenched and tempered
- **Safety Factor** : MBL equals 5 x WLL
- **Finish** : shackle bow painted silver, pin painted green (120 tons shackle is hot dipped galvanized)
- **Certificates** : at no extra charges this product can be supplied with a works certificate, certificate of basic raw material, manufacturer test certificate, EC Declaration of Conformity and all shackles starting from 150 tons are supplied with a Lloyd's Register of Shipping Certificate on proof load
- **Note** : +5% forging tolerance on inside width and length

working load limit	diameter bow	diameter pin	diameter eye	width eye	width inside	length inside	width bow	length bow	length bolt	width bolt	thickness nut	weight each
tons	a	b	c	d	e	f	g	h	i	j	k	kg
120	95	95	215	89	144	381	238	667	440	416	50	110
150	105	108	245	100	165	400	275	702	490	485	60	160
200	120	130	288	110	175	500	290	854	520	530	60	235
250	130	140	308	115	200	540	305	921	560	565	65	285
300	140	150	335	120	200	600	305	1018	575	585	70	340
400	170	175	387	160	225	650	325	1137	690	665	70	560
500	180	185	410	160	250	700	350	1213	710	710	70	685
600	200	205	458	185	275	700	375	1267	810	775	70	880
700	210	215	468	200	300	700	400	1287	850	820	70	980
800	210	220	478	200	300	700	400	1294	870	820	70	1100
900	220	230	500	210	320	700	420	1320	920	860	70	1280
1000	240	240	530	210	340	700	420	1360	940	900	70	1460
1250	260	270	600	225	360	700	450	1430	1020	970	70	1990
1500	280	290	640	225	360	700	450	1480	1060	1010	70	2400

In inch

working load limit	diameter bow	diameter pin	diameter eye	width eye	width inside	length inside	width bow	length bow	length bolt	width bolt	thickness nut	weight each
tons	a	b	c	d	e	f	g	h	i	j	k	lbs
120	3 3/4	3 3/4	8 1/2	3 17/32	5 11/16	15	9 11/32	26 9/32	17 5/16	16 3/8	2	243
150	4	4 1/4	9 5/8	3 15/16	6 17/32	15 3/4	10 13/16	27 5/8	19 9/32	19 1/8	2 3/8	353
200	4 3/4	5 1/8	11 11/32	4 5/16	6 29/32	19 11/16	11 7/16	33 5/8	20 1/2	20 7/8	2 9/8	518
250	4 7/8	5 1/2	12 7/8	4 17/32	7 7/8	21 9/32	12	36 9/32	22	22 1/4	2 9/16	628
300	5 5/16	5 7/8	13 3/8	4 23/32	7 7/8	23 5/8	12	40	22 5/8	23	2 3/4	750
400	6 1/2	6 7/8	15 1/4	6 5/16	8 7/8	25 19/32	12 25/32	44 3/4	27 5/32	26 1/4	2 3/4	1235
500	6 7/8	7 1/4	16 5/32	6 5/16	9 13/16	27 1/2	13 25/32	47 3/4	28	28	2 3/4	1510
600	7 5/8	8 1/16	18	7 9/32	10 13/16	27 1/2	14 3/4	49 7/8	31 7/8	30 1/2	2 3/4	1940
700	8 1/16	8 1/2	18 7/16	7 7/8	11 13/16	27 1/2	15 9/16	50 11/16	33 1/2	32 9/8	2 9/4	2161
800	8 1/4	8 5/8	18 13/16	7 7/8	11 13/16	27 1/2	15 3/4	51	34 1/4	32 3/8	2 3/4	2425
900	8 5/8	9 1/16	19 11/16	8 9/32	12 13/32	27 1/2	16 9/16	52	36 1/4	33 7/8	2 3/4	2822
1000	9 1/16	9 7/16	20 7/8	8 9/32	13 3/8	27 1/2	16 9/16	53 9/16	37	35 1/2	2 3/4	3219
1250	10 1/4	10 5/8	23 5/8	8 7/8	14 5/32	27 1/2	17 23/32	56 5/16	40 1/4	38 1/4	2 3/4	4387
1500	11	11 7/16	25 3/16	8 7/8	14 5/32	27 1/2	17 23/32	58 5/16	41 9/4	39 3/4	2 3/4	5291

Dynamic load. = 212.5 Tonne.

RIGGING REGISTER AND INSPECTION SCHEDULE

No.	Description of Slings	Spec'd For		Date of Purchase	Certification Number	ID Number	Visual Inspection Performed										Used for Project on first mob		
		Project	Job				1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	1	2	3
		UCU Phases	Platform / 240' Jacket lift				☐ A	☐ B	☐ C	☐ D									
1	1 x 92mm Dia. X 40.3m long Sling c/w SE/BE (SWL 186 T)	22	190' Jacket lift Overboarding	14/6/2001	01-SG 110679-1	UCU2-0001-C-57	☒ A	16/03/04	☒ B	☒ C	☒ D							29/3	
2	1 x 92mm Dia. X 40.3m long Sling c/w SE/BE (SWL 186 T)	22	190' Jacket lift Overboarding	14/6/2001	01-SG 110679-1	UCU2-0001-C-58	☒ A	16/03/04	☒ B	☒ C	☒ D						A-1911	29/3	29/3
3	1 x 103mm Dia. X 33.7m long Sling c/w SE/BE (SWL 238 T)	22	190' Jacket lift Overboarding	14/6/2001	01-SG 110679-1	UCU2-0001-C-55	☒ A	16/03/04	☒ B	☒ C	☒ D							29/3	29/3
4	1 x 103mm Dia. X 33.7m long Sling c/w SE/BE (SWL 238 T)	22	190' Jacket lift Overboarding	14/6/2001	01-SG 110679-1	UCU2-0001-C-56	☒ A	16/03/04	☒ B	☒ C	☒ D							29/3	29/3
5	1 x 92mm Dia. X 30.4m long Sling c/w SE/BE (SWL 186 T)	22	240' Jacket lift Overboarding	14/6/2001	01-SG 110679-1	UCU2-0001-C-51	☒ A	19/05/04	☒ B	☒ C	☒ D								30/5
6	1 x 92mm Dia. X 30.4m long Sling c/w SE/BE (SWL 186 T)	22	240' Jacket lift Overboarding	14/6/2001	01-SG 110679-1	UCU2-0001-C-52	☒ A	19/05/04	☒ B	☒ C	☒ D								30/5
7	1 x 92mm Dia. X 30.4m long Sling c/w SE/BE (SWL 186 T)	22	240' Jacket lift Overboarding	14/6/2001	01-SG 110679-1	UCU2-0001-C-53	☒ A		☒ B	☒ C	☒ D								
8	1 x 92mm Dia. X 30.4m long Sling c/w SE/BE (SWL 186 T)	22	240' Jacket lift Overboarding	14/6/2001	01-SG 110679-1	UCU2-0001-C-54	☒ A		☒ B	☒ C	☒ D								
9	1 x 103mm Dia. X 47m long Sling c/w SE/BE (SWL 238 T)	22	240' Jacket lift Overboarding	14/6/2001	01-SG 110679-1	UCU2-0001-C-47	☒ A	19/05/04	☒ B	☒ C	☒ D							29/2	M15
10	1 x 103mm Dia. X 47m long Sling c/w SE/BE (SWL 238 T)	22	240' Jacket lift Overboarding	14/6/2001	01-SG 110679-1	UCU2-0001-C-48	☒ A		☒ B	☒ C	☒ D						A-1910	29/1	M15
11	1 x 103mm Dia. X 47m long Sling c/w SE/BE (SWL 238 T)	22	240' Jacket lift Overboarding	14/6/2001	01-SG 110679-1	UCU2-0001-C-49	☒ A	15/03/04	☒ B	☒ C	☒ D							29/1	
12	1 x 103mm Dia. X 47m long Sling c/w SE/BE (SWL 238 T)	22	240' Jacket lift Overboarding	14/6/2001	01-SG 110679-1	UCU2-0001-C-50	☒ A	15/03/04	☒ B	☒ C	☒ D							29/1	
13	1 x 92mm Dia. X 15.2m long Sling c/w SE/BE (SWL 186 T)	22	Jacket Upending	14/6/2001	01-SG 110679-1	UCU2-0001-C-59	☒ A	15/03/04	☒ B	☒ C	☒ D							28/6	M15
14	1 x 92mm Dia. X 15.2m long Sling c/w SE/BE (SWL 186 T)	22	Jacket Upending	14/6/2001	01-SG 110679-1	UCU2-0001-C-60	☒ A	16/03/04	☒ B	☒ C	☒ D						A-1912	28/6	M15
15	1 x 92mm Dia. X 15.2m long Sling c/w SE/BE (SWL 186 T)	22	Jacket Upending	14/6/2001	01-SG 110679-1	UCU2-0001-C-61	☒ A	15/03/04	☒ B	☒ C	☒ D							28/6	M15
16	1 x 92mm Dia. X 15.2m long Sling c/w SE/BE (SWL 186 T)	22	Jacket Upending	14/6/2001	01-SG 110679-1	UCU2-0001-C-62	☒ A	15/03/04	☒ B	☒ C	☒ D							28/6	M15
17	1 x 92mm Dia. X 15.2m long Sling c/w SE/BE (SWL 186 T)	22	Jacket Upending	14/6/2001	01-SG 110679-1	UCU2-0001-C-63	☒ A	16/03/04	☒ B	☒ C	☒ D							29/1	29/3
18	1 x 92mm Dia. X 15.2m long Sling c/w SE/BE (SWL 186 T)	22	Jacket Upending	14/6/2001	01-SG 110679-1	UCU2-0001-C-64	☒ A	16/03/04	☒ B	☒ C	☒ D							29/1	29/3
19	1 x 92mm Dia. X 15.2m long Sling c/w SE/BE (SWL 186 T)	22	Jacket Upending	14/6/2001	01-SG 110679-1	UCU2-0001-C-65	☒ A	16/03/04	☒ B	☒ C	☒ D							29/1	29/3
20	1 x 92mm Dia. X 15.2m long Sling c/w SE/BE (SWL 186 T)	22	Jacket Upending	14/6/2001	01-SG 110679-1	UCU2-0001-C-66	☒ A	15/03/04	☒ B	☒ C	☒ D							29/1	29/3
21	1 x 92mm Dia. X 15.2m long Sling c/w SE/BE (SWL 186 T)	22	Jacket Upending	14/6/2001	01-SG 110679-1	UCU2-0001-C-67	☒ A	15/03/04	☒ B	☒ C	☒ D							29/2	29/4
22	1 x 92mm Dia. X 15.2m long Sling c/w SE/BE (SWL 186 T)	22	Jacket Upending	14/6/2001	01-SG 110679-1	UCU2-0001-C-68	☒ A	15/03/04	☒ B	☒ C	☒ D							29/2	29/4
23	1 x 92mm Dia. X 15.2m long Sling c/w SE/BE (SWL 186 T)	22	Jacket Upending	14/6/2001	01-SG 110679-1	UCU2-0001-C-69	☒ A	15/03/04	☒ B	☒ C	☒ D							Damaged can not used	
24	1 x 92mm Dia. X 15.2m long Sling c/w SE/BE (SWL 186 T)	22	Jacket Upending	14/6/2001	01-SG 110679-1	UCU2-0001-C-70	☒ A	15/03/04	☒ B	☒ C	☒ D							29/2	29/4
25	1 x 92mm Dia. X 15.2m long Sling c/w SE/BE (SWL 101 T)	CH3	Jacket Upending	16/8/2005		CH3-4033-01-A	☒ A		☒ B	☒ C	☒ D							29/2	29/4
26	1 x 92mm Dia. X 15.2m long Sling c/w SE/BE (SWL 101 T)	CH3	Jacket Upending	16/8/2005		CH3-4033-01-B	☒ A		☒ B	☒ C	☒ D								
27	1 x 58mm Dia. X 10m long Sling c/w SE/BE (SWL 40 T)	22	Pile lift/ Upending	14/6/2001	01-SG 110679-2	UCU2-0001-C-81	☒ A		☒ B	☒ C	☒ D								
28	58mm Dia. X 10m long Sling c/w SE/BE (SWL 40 T)	22	Pile lift/ Upending	14/6/2001	01-SG 110679-2	UCU2-0001-C-82	☒ A		☒ B	☒ C	☒ D								
29	1 x 92mm Dia. X 10.544m long Sling c/w SE/BE (SWL 186 T)	22	Lower Deck lifting	14/6/2001	01-SG 110679-1	UCU2-0001-C-73	☒ A		☒ B	☒ C	☒ D							28/6	M15
30	1 x 92mm Dia. X 10.544m long Sling c/w SE/BE (SWL 186 T)	22	Lower Deck lifting	14/6/2001	01-SG 110679-1	UCU2-0001-C-74	☒ A		☒ B	☒ C	☒ D							28/6	M15
31	1 x 92mm Dia. X 7.474m long Sling c/w SE/BE (SWL 186 T)	22	Lower Deck lifting	14/6/2001	01-SG 110679-1	UCU2-0001-C-71	☒ A		☒ B	☒ C	☒ D								
32	1 x 92mm Dia. X 8.178m long Sling c/w SE/BE (SWL 186 T)	22	Lower Deck lifting	14/6/2001	01-SG 110679-1	UCU2-0001-C-72	☒ A		☒ B	☒ C	☒ D								
33	1 x 92mm Dia. X 9.702m long Sling c/w SE/BE (SWL 186 T)	22	Lower Deck lifting	14/6/2001	01-SG 110679-1	UCU2-0001-C-75	☒ A		☒ B	☒ C	☒ D							29/1	29/4
34	1 x 92mm Dia. X 9.702m long Sling c/w SE/BE (SWL 186 T)	22	Lower Deck lifting	14/6/2001	01-SG 110679-1	UCU2-0001-C-76	☒ A	19/05/04	☒ B	☒ C	☒ D							29/1	29/4
35	1 x 70mm Dia. X 13.72m long Sling c/w SE/BE (SWL 110 T)	22	Upper Deck lifting	14/6/2001	01-SG 110679-2	UCU2-0001-C-77	☒ A		☒ B	☒ C	☒ D							Use for split deck only	
36	1 x 70mm Dia. X 13.72m long Sling c/w SE/BE (SWL 110 T)	22	Upper Deck lifting	14/6/2001	01-SG 110679-2	UCU2-0001-C-78	☒ A		☒ B	☒ C	☒ D							Use for split deck only	
37	1 x 70mm Dia. X 14.22m long Sling c/w SE/BE (SWL 110 T)	22	Upper Deck lifting	14/6/2001	01-SG 110679-2	UCU2-0001-C-79	☒ A		☒ B	☒ C	☒ D							Use for split deck only	
38	1 x 70mm Dia. X 14.22m long Sling c/w SE/BE (SWL 110 T)	22	Upper Deck lifting	14/6/2001	01-SG 110679-2	UCU2-0001-C-80	☒ A		☒ B	☒ C	☒ D							Use for split deck only	
39	1 x 92mm Dia. X 1.20m long Grommet (SWL 264 T)	22	Jacket Grommet	14/6/2001	01-SG 110679-3	UCU2-0001-C-96-A	☒ A	15/03/04	☒ B	☒ C	☒ D							28/6	29/3
40	1 x 92mm Dia. X 1.20m long Grommet (SWL 264 T)	22	Jacket Grommet	14/6/2001	01-SG 110679-3	UCU2-0001-C-96-B	☒ A	15/03/04	☒ B	☒ C	☒ D								
41	1 x 92mm Dia. X 1.20m long Grommet (SWL 264 T)	22	Jacket Grommet	14/6/2001	01-SG 110679-3	UCU2-0001-C-97-A	☒ A	15/03/04	☒ B	☒ C	☒ D							28/6	29/3
42	1 x 92mm Dia. X 1.20m long Grommet (SWL 264 T)	22	Jacket Grommet	14/6/2001	01-SG 110679-3	UCU2-0001-C-97-B	☒ A	15/03/04	☒ B	☒ C	☒ D								
43	1 x 114mm Dia. X 1.20m long Grommet (SWL 191 T)	CH3	Jacket Grommet	20/5/2005	05-18223-SG	CH3-S4000-01-AB	☒ A		☒ B	☒ C	☒ D							28/1	M15
44	1 x 114mm Dia. X 1.20m long Grommet (SWL 191 T)	CH3	Jacket Grommet	20															

RIGGING REGISTER AND INSPECTION SCHEDULE

Description of Sling	Specify For		Date of Purchase	Certification Number	ID Number	Visual Inspection Performed										Comments	Used for Project on first mob		
	Project	Job				1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th		1	2	3
10 Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	27	240 Jacket lift			UCU27-4407-14-5	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	27	240 Jacket lift			UCU27-4407-14-5														
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)		Deck lifting		SG - 1224369-57	6750-55-SEA-01	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)		Deck lifting		SG - 1224369-58	6750-55-SEA-02	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)		Deck lifting		SG - 1224369-59	6750-55-SEA-03	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)		Deck lifting		SG - 1224369-60	6750-55-SEA-04	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	PL1	Deck lifting		05-17945/1-SG		1A		1B		1C		1D				M15	M15		
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	PL1	Deck lifting		05-17945/1-SG		1A		1B		1C		1D				M15	M15		
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	26	Deck lifting			5200-55-FR-01	1A		1B		1C		1D				28/6	28/6		
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	26	Deck lifting			5200-55-FR-02	1A		1B		1C		1D				28/6	28/6		
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	26	Deck lifting			5200-55-FR-03	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	26	Deck lifting			5200-55-FR-04	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	26	Deck lifting			5200-57-FR-01	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	26	Deck lifting			5200-57-FR-02	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	26	Deck lifting			5200-57-FR-03	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	26	Deck lifting			5200-57-FR-04	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	PL1	Deck lifting			UCUPL1-4003-01-A	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	PL1	Deck lifting			UCUPL1-4003-01-B	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	PL1	Deck lifting			UCUPL1-4003-01-C	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	PL1	Deck lifting			UCUPL1-4003-01-D	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	PL2	Deck lifting			UCUPL2-4422-01-A	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	PL2	Deck lifting			UCUPL2-4422-02-A	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	PL2	Deck lifting			UCUPL2-4422-03-A	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	PL2	Deck lifting			UCUPL2-4422-04-A	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	PL2	Deck lifting			UCUPL2-4422-05-A	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	CH3	Deck lifting			CH3-4006-02-A	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	CH3	Deck lifting			CH3-4006-02-B	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	CH3	Deck lifting			CH3-4006-02-C	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	CH3	Deck lifting			CH3-4006-02-D	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	CH3	Deck lifting			CH3-4006-01-A	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	CH3	Deck lifting			CH3-4006-01-B	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	CH3	Deck lifting			CH3-4006-01-C	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	CH3	Deck lifting			CH3-4006-01-D	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	C0005	Deck lifting	new		C0005-00161-01-A	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	C0005	Deck lifting	new		C0005-00161-01-B	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	C0005	Deck lifting	new		C0005-00161-02-A	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	C0005	Deck lifting	new		C0005-00161-02-B	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	UCU29	Jacket lift	new		UCU29-S4001-01-A	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	UCU29	Jacket lift	new		UCU29-S4001-01-B	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	C0005	Jacket lift	new		C0005-00161-03-A	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)	C0005	Jacket lift	new		C0005-00161-03-B	1A		1B		1C		1D							
10mm Dia. X 39.77m long Sling c/w SE/BE (SWL 75 T)						1A		1B		1C		1D							

	Phase	Description	Cap	Qty	Company	Number	Serial	Identification	Note	Used for Project onfirst mob		
										Project 1	Project 2	Project 3
Shackle	23	130t Bolt Type Anchor Shackle	130	1	UCU	2	0001	C-26				
Shackle	23	130t Bolt Type Anchor Shackle	130	1	UCU	2	0001	C-27				
Shackle	23	130t Bolt Type Anchor Shackle	130	1	UCU	2	0001	C-28				
4Shackle	23	130t Bolt Type Anchor Shackle	130	1	UCU	2	0001	C-29				
5Shackle	23	150t Green pin Safety Bow Shackle	150	1	UCU	2	0001	C-111	attached to hammaer			
6Shackle	23	200t Green pin Safety Bow Shackle	200	1	UCU	2	0001	C-99		29/1	29/3	
7Shackle	23	200t Green pin Safety Bow Shackle	200	1	UCU	2	0001	C-100		29/2	29/4	
8Shackle	23	200t Green pin Safety Bow Shackle	200	1	UCU	2	0001	C-103		29/2	29/4	
9Shackle	23	200t Green pin Safety Bow Shackle	200	1	UCU	2	0001	C-104		29/2	29/4	
10Shackle	23	200t Green pin Safety Bow Shackle	200	1	UCU	2	0001	C-105		28/6	M15	29/5
11Shackle	23	200t Green pin Safety Bow Shackle	200	1	UCU	2	0001	C-106		28/6	M15	29/5
12Shackle	23	200t Green pin Safety Bow Shackle	200	1	UCU	2	0001	C-107		29/2	29/4	
13Shackle	23	200t Green pin Safety Bow Shackle	200	1	UCU	2	0001	C-108				
14Shackle	23	200t Green pin Safety Bow Shackle	200	1	UCU	2	0001	C-109		29/1	29/3	
15Shackle	23	200t Green pin Safety Bow Shackle	200	1	UCU	2	0001	C-110		29/1	29/3	
16Shackle	23	200t Green pin Safety Bow Shackle	200	1	UCU	2	0001	C-01				
17Shackle	23	200t Green pin Safety Bow Shackle	200	1	UCU	2	0001	C-154		29/1	29/3	
18Shackle	23	200t Green pin Safety Bow Shackle	200	1	UCU	2	0001	C-155				
19Shackle	23	200t Green pin Safety Bow Shackle	200	1	UCU	2	0001	C-156				
20 Shackle	23	200t Green pin Safety Bow Shackle	200	1	UCU	2	0001	C-157				
21 Shackle	22	200t Green pin Safety Bow Shackle	200	1	HV			010342				
22 Shackle	22	200t Green pin Safety Bow Shackle	200	1	HV			010344		28/6	M15	29/5
23 Shackle	26	200t Green pin Safety Bow Shackle	200	1	GP		200	001				
24 Shackle	26	200t Green pin Safety Bow Shackle	200	1	GP		200	002				
25 Shackle	26	200t Green pin Safety Bow Shackle	200	1	GP		200	003				
26 Shackle	26	200t Green pin Safety Bow Shackle	200	1	GP		200	004		28/6	M15	29/5
27 Shackle	23	250t Crosby G2140 Shackle	250	1	UCU	2	0001	C-02		28/6	M15	29/5
28 Shackle	23	250t Crosby G2140 Shackle	250	1	UCU	2	0001	C-03		28/6	M15	29/5
29 Shackle	23	250t Crosby G2140 Shackle	250	1	UCU	2	0001	C-04		28/6	M15	29/5
30 Shackle	23	250t Crosby G2140 Shackle	250	1	UCU	2	0001	C-05		28/6	M15	29/5
31 Shackle	23	250t Crosby G2140 Shackle	250	1	UCU	2	0001	C-06		29/1	29/3	
32Shackle	23	250t Crosby G2140 Shackle	250	1	UCU	2	0001	C-07		29/1	29/3	
33Shackle	28	250t Crosby G2140 Shackle	250	1	C0005		00019	A-01		29/1	29/3	
34Shackle	28	250t Crosby G2140 Shackle	250	1	C0005		00019	A-02		29/1	29/3	
35Shackle	23	250t Green pin Safety Bow Shackle	250	1	UCU	2	0001	C-08				
36Shackle	23	300t Green pin Shackle	300	1	UCU	2	0001	C-15		28/6	M15	
37Shackle	23	300t Green pin Shackle	300	1	UCU	2	0001	C-16		28/6	M15	
38Shackle	23	300t Green pin Shackle	300	1	UCU	2	0001	C-17		28/6	M15	
39Shackle	23	300t Green pin Shackle	300	1	UCU	2	0001	C-18		28/6	M15	
40Shackle	23	300t Green pin Shackle	300	1	UCU	2	0001	C-19		29/1	29/4	
41Shackle	23	300t Green pin Shackle	300	1	UCU	2	0001	C-20		29/1	29/4	
42Shackle	23	300t Green pin Shackle	300	1	UCU	2	0001	C-21		29/1	29/3	
43Shackle	23	300t Green pin Shackle	300	1	UCU	2	0001	C-22		29/1	29/4	
44Shackle	23	300t Green pin Shackle	300	1	UCU	2	0001	C-23		29/1	29/3	
45Shackle	23	300t Green pin Shackle	300	1	UCU	2	0001	C-24		29/1	29/4	
46Shackle	23	300t Green pin Shackle	300	1	UCU	2	0001	C-25		28/6	M15	29/5
47 Shackle	TNS	300t Green pin Shackle	300	1	GP		300	16		29/2		29/5
48 Shackle	TNS	300t Green pin Shackle	300	1	GP		300	25		29/2		29/5
49 Shackle	TNS	300t Green pin Shackle	300	1	GP		300	26		29/2		29/5
50 Shackle	TNS	300t Green pin Shackle	300	1	GP		300	27		29/2		29/5
51 Shackle	TNS	300t Green pin Shackle	300	1	GP		300	29		29/1	29/3	
52 Shackle	TNS	300t Green pin Shackle	300	1	GP		300	30		29/1		
54Shackle	TNS	300t Green pin Shackle	300	1	GP		300	32		29/1	29/3	
55 Shackle	TNS	300t Shackle	300	1	MCK		300	06				
56Shackle	TNS	300t Shackle	300	1	MCK		300	09				
57Shackle	TNS	300t Shackle	300	1	MCK		300	12				
58Shackle	TNS	300t Shackle	300	1	MCK		300	13				
59Shackle	29	300t Crosby G2140 Shackle	300	1	C0005	00161	05	A	new	29/2	29/4	
60Shackle	29	300t Crosby G2140 Shackle	300	1	C0005	00161	05	B	new	29/2	29/4	
61Shackle	29	250t Crosby G2140 Shackle	250	1	C0005	00161	04	C-02	new	29/2	29/4	
62Shackle	29	250t Crosby G2140 Shackle	250	1	C0005	00161	04	C-03	new	29/2	29/4	
63Shackle	29	250t Crosby G2140 Shackle	250	1	C0005	00161	04	C-04	new	29/2	29/4	
4Shackle	29	250t Crosby G2140 Shackle	250	1	C0005	00161	04	C-05	new	29/2	29/4	
65Shackle		300t Green pin Shackle	300	1	GP		300	BTM (1)			M15	SP250 BTM
66Shackle		300t Green pin Shackle	300	1	GP		300	BTM (2)		28/6	29/5	29/5
67Shackle		300t Green pin Shackle	300	1	GP		300	BTM (3)			M15 29/5	
68Shackle		300t Green pin Shackle	300	1	GP		300	BTM (4)			M15 29/4	
69Shackle		300t Green pin Shackle	300	1	GP		300	BTM (5)			M15 29/4	
70Shackle		300t Green pin Shackle	300	1	GP		300	BTM (6)			M15	
71Shackle		250t Crosby G2140 Shackle	250	1	GP		250	BTM (1)			M15	

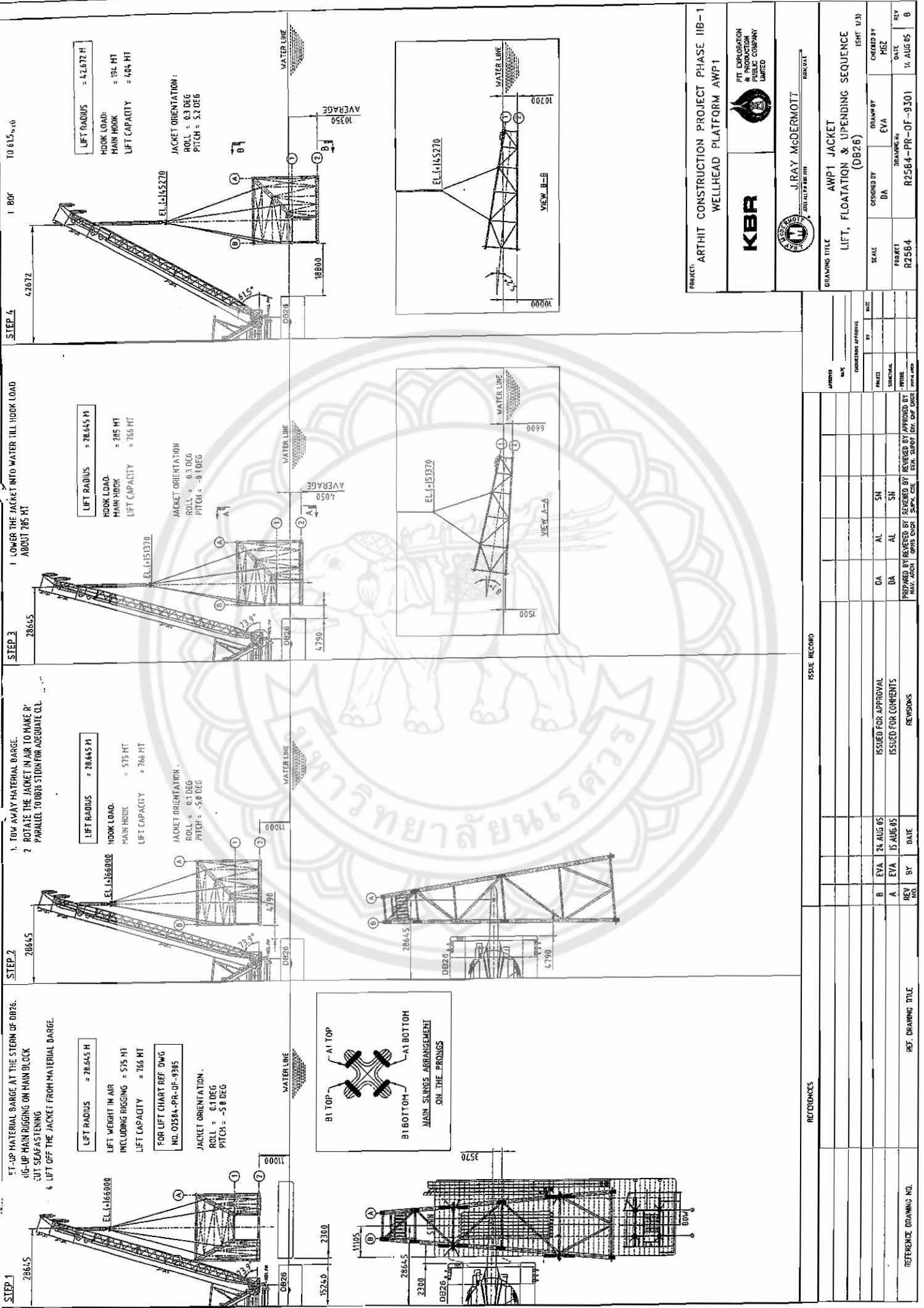


ภาคผนวก ก

Installation Procedure Drawing

ภาพการติดตั้งขาแท่นชุดเจาะ (Horizontal jacket lift)

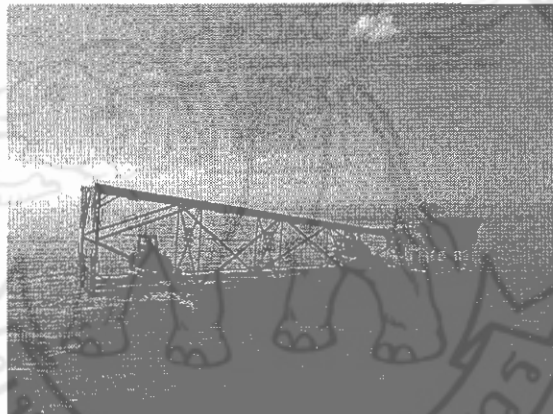
ณ สถานที่จริง วันที่ 29 มกราคม 2549



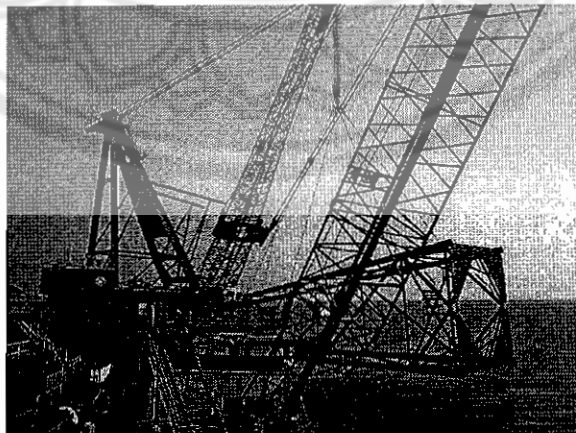
การติดตั้งจริง บริเวณอ่าวไทย ณ วันที่ 29 มกราคม 2545



รูปที่ 1ค การเตรียมชิ้นงานไปสู่พื้นที่ติดตั้ง (Set up/Anchor on bottom)



รูปที่ 2ค นำชิ้นงานลงเรือเพื่อนำสู่จุดติดตั้ง (Mat'l barge along side and secure)



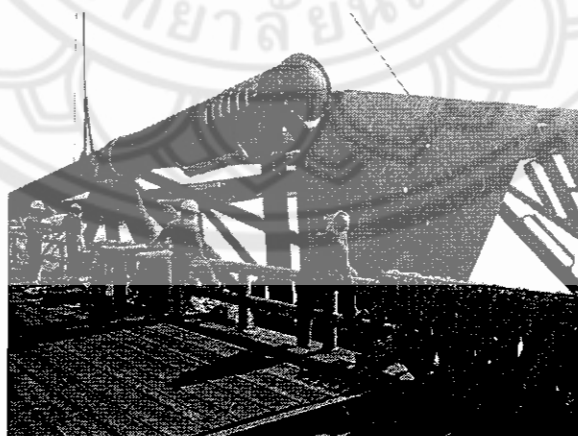
รูปที่ 3ค ยกขาแท่นชุดเจาะจากเรือขนชิ้นงาน (Jacket lift from jacket barge)



รูปที่ 4ค รักษาความสมดุลของเรือยกชิ้นงาน (DB Ballasting)



รูปที่ 5ค นำขาแท่นขุดเจาะน้ำมันและก๊าซธรรมชาติลงสู่พื้นน้ำทะเล (floating)



รูปที่ 6ค รักษาระยะห่างระหว่างขาแท่นขุดเจาะกับเรือยกชิ้นงาน (Secure jacket to DB)



รูปที่ 7ค นำสลิงที่ใช้ในการยกออก (Derrigging horizontal lifting sling)

