24745

PLAN ON TOP VIEW D - D

SIDE ELEVATION SECTION A - A

CENTRE ELEVATION SECTION B - B

VIEW G - G

Detail Part 15

18 Ø holes at 40 BM

Detail Part 92

Detail Part 46
Strut strengthening

PLAN VIEW SECTION E - E

VIEW F - F

ANODE DETAIL

Part No	No. Off	Description	Length	Mass	Remarks
1x	2	TEE 229 x 191 x 34	12132	825	refer dwg 105
2x	2	TEE 229 x 191 x 34	12868	875	refer dwg 105
3x	4	TEE 229 x 191 x 34	475	65	refer dwg 105
4x	4	TEE 229 x 191 x 34	1510	205	refer dwg 105
5	4	TEE 229 x 191 x 34	6244	1121	refer dwg 105
6	2	TEE 229 x 191 x 34	4221	287	refer dwg 105
7	2	TEE 229 x 191 x 34	1771	120	refer dwg 105
8	13	TEE 229 x 191 x 34	993	438	refer dwg 105
9	8	UB 203 x 133 x 30	993	236	refer dwg 105
10x	2	UC 254 x 254 x 73	2682	392	refer dwg 105
11	6	UC 254 x 254 x 73	2692	1179	refer dwg 105
11x	1	UC 254 x 254 x 73	2680	196	refer dwg 105
12	18	Angle 90 x 90 x 10	1248	301	refer dwg 105
13	12	Angle 70 x 70 x 8	491	45	refer dwg 105 RH/LH
14	4	Angle 70 x 70 x 8	400	13	refer dwg 105
15		N A			Rev 4
16	4	Angle 120 x 120 x 12	1951	172	refer dwg 105 RH/LH
17	4	Angle 120 x 120 x 12	2364	208	refer dwg 105 RH/LH
18	4	Angle 120 x 120 x 12	2382	206	refer dwg 105 RH/LH
19	4	Angle 120 x 120 x 12	2793	241	refer dwg 105 RH/LH
20	4	Angle 120 x 120 x 12	2811	243	refer dwg 105 RH/LH
21	4	Angle 120 x 120 x 12	3226	279	refer dwg 105 RH/LH
22	8	Angle 120 x 120 x 12	3226	557	refer dwg 105 RH/LH
23x	2	Angle 120 x 120 x R	1563	46	refer dwg 105
24	2	Angle 120 x 120 x 8	2815	83	refer dwg 105
25	2	Angle 120 x 120 x 8	2815	83	refer dwg 105
26	2	Angle 120 x 120 x 8	2681	79	refer dwg 105
27	2	Angle 120 x 120 x R	2775	82	refer dwg 105
36	4	Plate 20 x 140	300	26	refer dwg 105
37	8	Plate 12 x 90	212	14	refer dwg 105
38	4	Plate 20 x 190	212	25	refer dwg 105
38x	4	Plate 20 x 80	212	11	Web Stiffener
39	2	Plate 10 x 150	170	4	refer dwg 105
40	2	Plate 12 x 190	809	29	refer dwg 105
41	4	Plate 12 x 190	1040	74	refer dwg 105
42x	4	Plate 12 x 190	954	25	refer dwg 105
43	4	Plate 12 x 190	550	39	refer dwg 105
44	16	Plate 10 x 90	212	24	refer dwg 105
45	4	Plate 20 x 100	110	7	refer dwg 105
46	12	Flat 80 x 12	2450	222	refer dwg 105
74	4	Plate 8 x 120	459	14	refer dwg 107
75	4	Plate 8 x 120	400	12	refer dwg 107
76	4	Plate 8 x 120	378	11	refer dwg 107
77	4	Plate 8 x 120	480	14	refer dwg 107
78	2	Plate 8 x 120	480	7	refer dwg 107
79	4	Plate 8 x 120	568	17	refer dwg 105
80	2	Plate 8 x 120	295	4	refer dwg 105
81	2	Plate 8 x 120	663	10	refer dwg 105
89	2	Plate 8 x 120	485	7	refer dwg 105
90	2	Plate 8 x 160	475	10	refer dwg 105
91	1	HFC 160 x 65	2821	51	
92	10	Flat 60 x 10	187	9	
98	8	Plate 10 x 125	205	16	
99	4	14 kg Zinc Anode 115 x 95 x 80	250		Trapezoidal
100	4	Plate 10 x 150	200	9	
102	2	Angle 120 x 120 x 8	938	28	
BA1	2	Bracing Assembly			refer dwg 108
BA2	2	Bracing Assembly			refer dwg 108
BA3	2	Bracing Assembly			refer dwg 108
BA4	2	Bracing Assembly			refer dwg 108
BA5	2	Bracing Assembly			refer dwg 108
BA6	2	Bracing Assembly			refer dwg 108
BA7	2	Bracing Assembly			refer dwg 108
BA8	2	Bracing Assembly			refer dwg 108
HA5x	1	Hanger Assembly			refer dwg 107
HA6x	1	Hanger Assembly			refer dwg 107
HA7x	1	Hanger Assembly			refer dwg 107
HA8x	1	Hanger Assembly			refer dwg 107
FB1	18	Festoon Bracket			refer dwg 107
FB2	18	Festoon Bracket			refer dwg 107
	12	Lifting Padeye			refer dwg 110

TOTAL MASS 9296 KG

GIRDER MK LG2 - 1 No Off - As Shown

GENERAL NOTES:

- ALL HOLES SHALL BE 22Ø U.O.N.
- ALL BOLTS SHALL BE GRADE 6.6 U.O.N.

REFERENCE DRAWINGS

C9450-SAF-100 SHT 1	SUPPORT GIRDER MISCELLANEOUS DETAILS
C9450-SAF-106 SHT 1	SUPPORT GIRDER FIRE BRACING & BRACING ORIENTATION
C9450-SAF-108 SHT 1	SUPPORT GIRDER INTERNAL BRACING DETAILS
C9450-SAF-107 SHT 1	SUPPORT GIRDER PLATFORM HANGERS & FESTOON BRACKETS
C9450-SAF-105 SHT 1	SUPPORT GIRDER TYPICAL WELD DETAILS
C9450-SAF-101 SHT 1	SUPPORT GIRDER PREP & SHOP DETAILS
C9450-SAF-104 SHT 1	SUPPORT GIRDER LANDSIDE LANGEBAAN
C9450-SAF-103 SHT 1	SUPPORT GIRDER SEASIDE LANGEBAAN
C9450-SAF-102 SHT 1	SUPPORT GIRDER LANDSIDE SALDANHA
C9450-SAF-101 SHT 1	SUPPORT GIRDER SEASIDE SALDANHA

Rev.	Date	Description	Drawn	Checked	Approved
6	14.09.2010	Vastray deck framing & first switch mounting relocated	DJ	BM	BAR
		Web Stiffeners part no. 92 added to top of internal bracing			
		View G - G added. Lifting lug holes added. Detail part 15 added	Ø 18 holes fit not clear		
4	01.06.2010	Floor bracing brackets positioned	DJ	BM	BAR
		Drilling in top chord webs removed - not required			
		Part no. 15 removed - not required			
		Anode Detail added			
3	08.04.2010	Section F-F added / material list updated	DJ	BM	BAR
2	01.04.2010	Updated to approved details	DJ	BM	BAR
1	25.01.2010	Redrawn to suit girder re-configuration & issued for construction. Hanger & internal bracing cr-hdc	DJ	BM	BAR
0	28.06.2010	ISSUED FOR APPROVAL	DJ	BM	BAR

project title: ORP-LINE PORT PHASE II SELECTION

drawing title: SALDANHA PORT MARINE (TNPA) - ACCESS PLATFORM SUPPORT GIRDER - LAND SIDE - LANGEBAAN

scale: | drawing no.: C9450-SAF-100-124 | rev no.: 6

C9450

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DEPT SIGN DATE