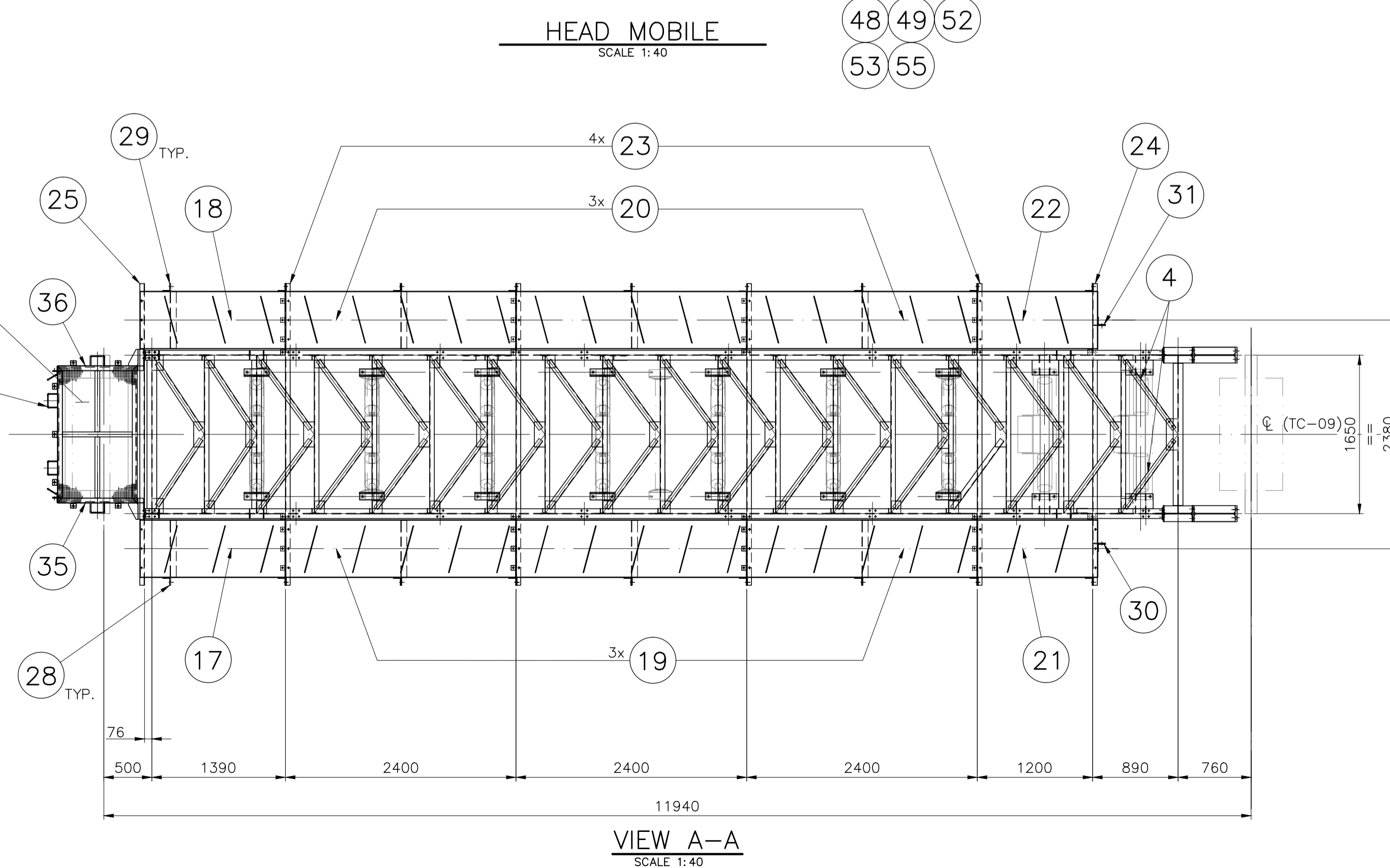
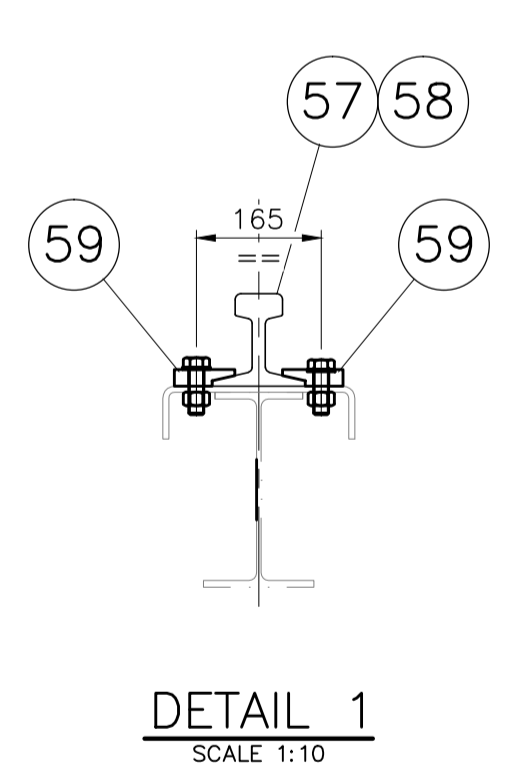
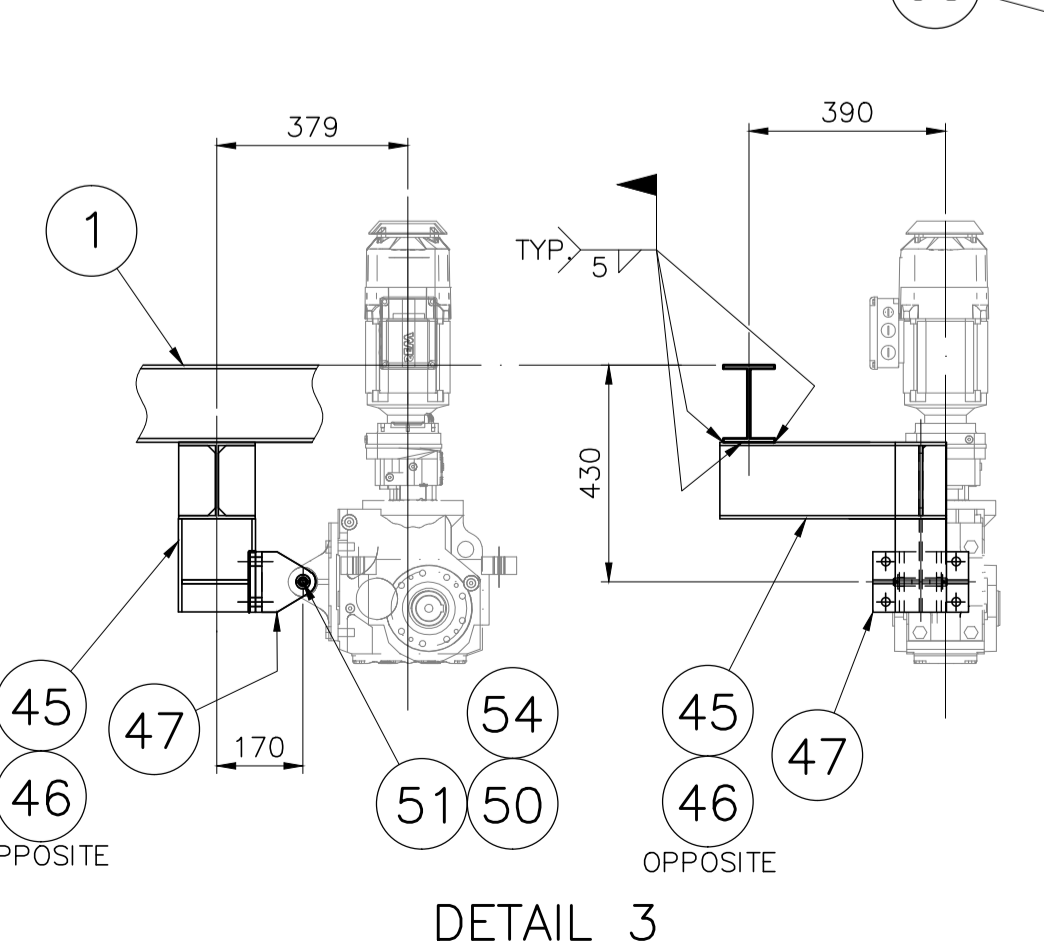
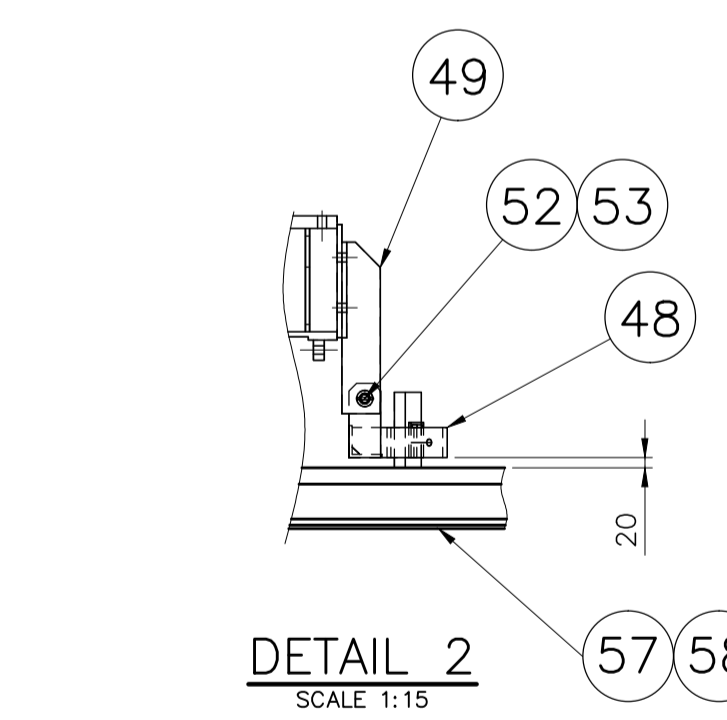
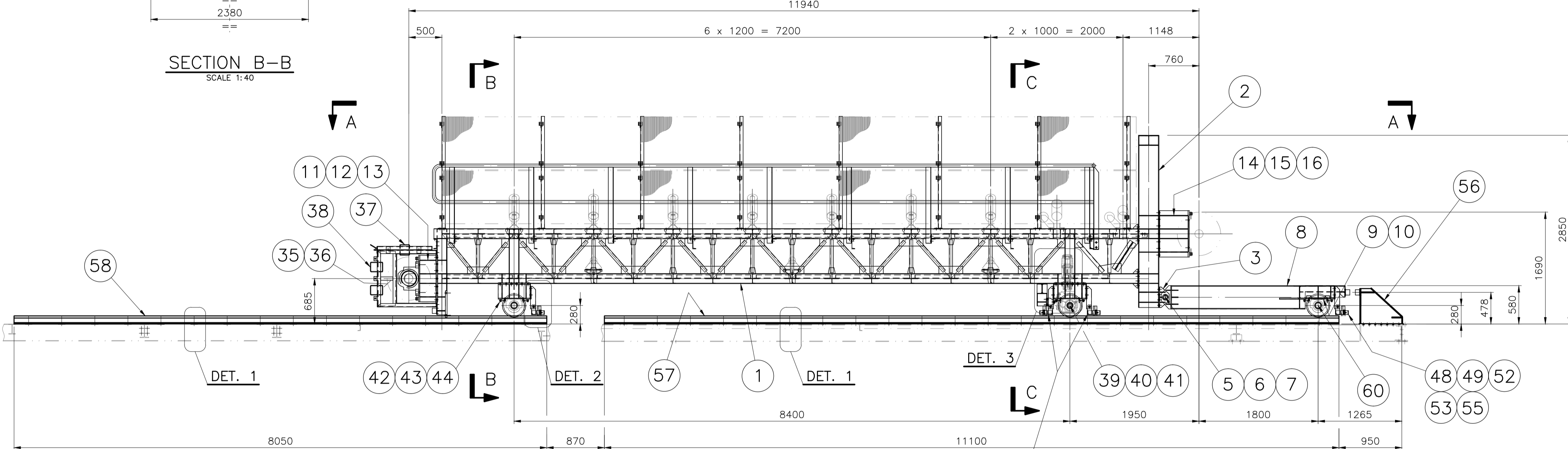


ITEM	QUANT.	DESCRIPTION	OBS.	MATERIAL	WEIGHT
45	1	SUPPORT			18
46	1	SUPPORT			18
47	2	SUPPORT			9
48	8	RAIL CLEANER			53
49	16	L 3" x 3/8"			54
50	2	ROUND BAR DIAM. 5/8"			6
51	2	PL. 1/8"			7
52	8	ROUND BAR DIAM. 3/4"			7
53	16	PL. 3/16"			1
54	4	LINCH PIN DIAM. 5/32" X 1"			10
55	16	LINCH PIN DIAM. 3/16" X 1 1/4"			11
56	2	BUFFER STOP			104
57	2	RAIL TR-37			823
58	2	RAIL TR-37			597
59	152	RAIL CLIP			101
60	2	WHEEL AND SHAFT			197
61	32	SUPPORT			10
62	32	SUPPORT			10
TOTAL WEIGHT =					8097 Kg

ITEM	QUANT.	DESCRIPTION	OBS.	MATERIAL	WEIGHT
1	1	HEAD MOBILE			2535
2	1	STRUCTURE			319
3	2	SUPPORT			25
4	2	L 2" x 3/16"			6
5	2	ROUND BAR DIAM. 2 1/2"			5
6	4	PL. 1/2"			2
7	4	LINCH PIN DIAM. 3/8" x 3 1/2"			-
8	1	STRUCTURE			543
9	4	PL. # 14			3
10	8	PL. # 20			3
11	2	SUPPORT			110
12	2	PL. # 14			3
13	4	PL. # 20			3
14	2	SUPPORT			136
15	2	PL. # 14			3
16	4	PL. # 20			3
17	1	PANEL			62
18	1	PANEL			62
19	3	PANEL			282
20	3	PANEL			282
21	1	PANEL			51
22	1	PANEL			51
23	4	BEAM			164
24	1	BEAM			41
25	1	U 6" x 12,2 Kg/m			38
26	8	SUPPORT			54
27	8	SUPPORT			54
28	9	L 3" x 5/16"			94
29	9	L 3" x 5/16"			94
30	1	L 3" x 5/16"			11
31	1	L 3" x 5/16"			11
32	1	PIPE DIAM. 1 1/2"			163
33	36	ROUND BAR DIAM. 40			17
34	12	CURVE 90° SHORT RADIUS Ø 1 1/2" SCH 40			-
35	1	PROTECTION			35
36	1	PROTECTION			35
37	1	PROTECTION			30
38	1	PROTECTION			25
39	2	SUPPORT			385
40	4	PL. #20			1
41	2	PL. #14			1
42	2	SUPPORT			351
43	4	PL. #20			1
44	2	PL. #14			1



REFERENCE DRAWINGS					
Rev.	I.T.	Date	Draw	Rev.	Draw

NOTES

1 - ALL THE DIMENSIONS ARE IN MILLIMETERS, EXCEPT OTHERWISE INDICATED.

I.T.	(A) PRELIMINARY	(C) FOR INFORMATION	(E) FOR CONSTRUCTION	(G) AS BUILT
TYPE	(B) FOR APPROVAL	(D) FOR QUOTATION	(F) AS PURCHASED	(H) CANCELED

DETAILED DESIGN
BARGE PIER
BELT CONVEYOR
BOX TRUSS

TOLERANCES, EXCEPT OTHERWISE INDICATED			
DIMENSIONS mm	0 to 300	300 to 1200	Above 1200
GENERAL TOLERANCE mm.	± 1	± 2	± 3
MACHINED SURFACES mm.	± 0.125	± 0.250	± 0.400
ECCENTRICITY mm.	0.15 FOR MACHINED SURFACES ON THE SAME CENTER LINE		
ANGULARITY	± ONE DEGREE		
ASSEMBLY TOLERANCES			
ROLLERS: LEVELING AND ALIGNMENT	± 1 mm		
STEEL STRUCTURE: LEVELING AND ALIGNMENT	± 3 mm		



INSTRUCTIONS TO PLOT	
RED	0.1mm
YELLOW	0.1mm
GREEN	0.2mm
CYAN	0.2mm
BLUE	0.2mm
MAGENTA	0.2mm
WHITE	0.2mm
ENZA	0.2mm