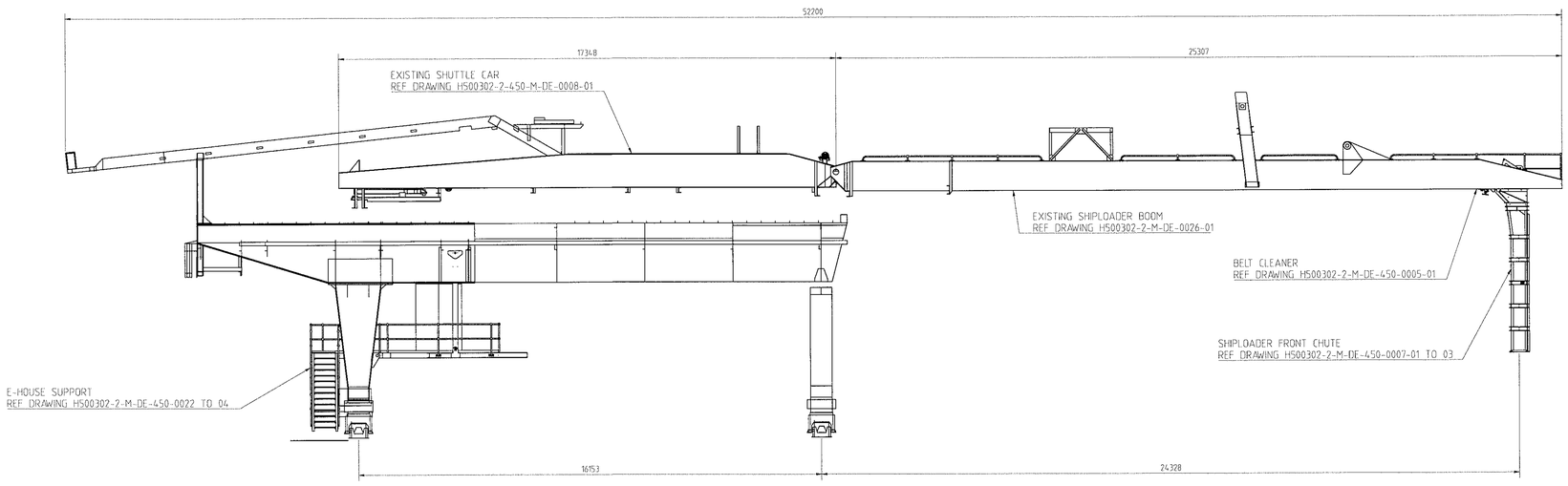
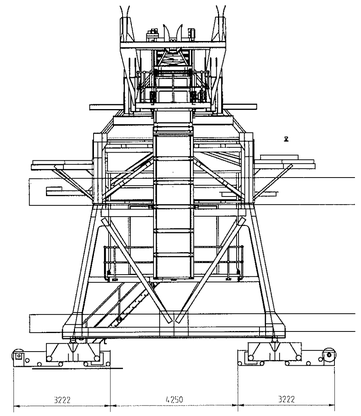
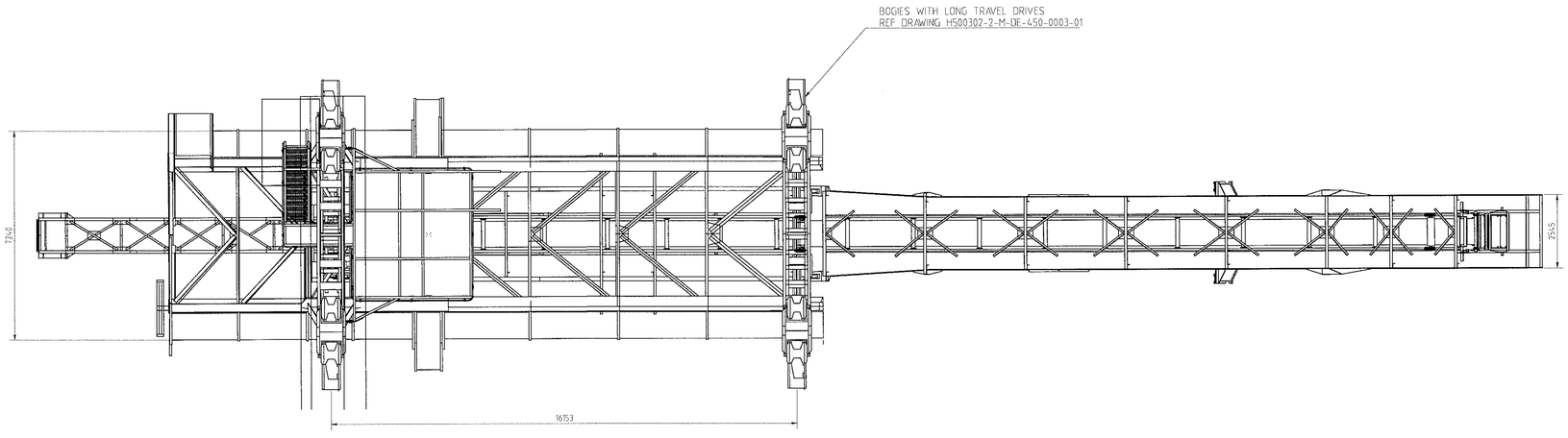
DRAWING NUMBER H500302-2-450-M-DE-0025-01-1-9D

DO NOT SCALE - IF IN DOUBT, ASK

DRAWING NUMBER 9.046-003-25-01







GENERAL NOTES:

- ALL MATERIAL TO SANS 1431 (300WA) U.O.S.
- MACHINE ALL HOLES AFTER WELDING.
- MACHINING FINISH 3,2µm U.O.S.
- ALL WELDING AWS D1/1, SANS 10041 & WPS
- ALL BEVEL WELDS TO BE FULL PENETRATION WELDS.
- NDT WELDS, UT U.O.S.
- ALL WELDS ARE CRITICAL, NDT 100% UT
- DRESS ALL WELDS
- SEAL WELD FIXED CONNECTION CAVITIES TO LIMIT CORROSION.
- CORROSION PROTECTION TO SAPO SPECIFICATION (HE9-2-8)
- ALL BOLT PROTECTION TO SAPO SPECIFICATION
- CONTACT SURFACES AT FRICTION GRIP CONNECTIONS TO BE BLAST AND PRIMED ONLY
- ALL FLAME-CUT EDGES, BURRS & SHARP EDGES TO BE GROUND SMOOTH
- INTRICATE COMPONENTS TO BE PROFILED/LASER CUT FROM DXF
- ALL CIRCLED DIMENSIONS TO BE CHECKED AND SIGNED OFF AFTER FABRICATION

CONTRACTOR REVIEW LABEL

Discipline	Name	Signature	Date	Mandatory	Optional	Accepted as Noted	Comments Attached
	J Claasen		31/10	Y			
	E Vente		31/10/08	Y		Y	

REVIEW CODE – ASSIGNED BY PROJECT MANAGER

C1	Accepted, Submit 'EFC/EFU'	C4	Review Not Required
C2	Accepted with Comments, Revise & Submit 'EFC/EFU'	C5	Accepted "/'EFC/EFU' Accepted
C3	Not Accepted, Revise & Resubmit for Review	C6	"As-Built"/"Final" Accepted

Date 31/10/08 PROJECT MANAGER Signature

This review is only for general conformance with the design concept of the Project and general compliance with the information given in the contract documents.

MASTER 2009-04-30 HMG TRANSNET

WEIGHT:	0.00	±0.025	±0.05	±0.1	±0.25	±0.5	±1.0
	0.0	±0.1	±0.2	±0.5	±0.75	±1.0	±2.5
	0	±0.25	±0.5	±0.75	±1.0	±2.5	±5.0
	NOMINAL SIZE	>0.5 5	>5 50	>50 100	>100 500	>500 2000	>2000
PROJECTION:	TOLERANCES FOR OPEN MEASUREMENTS						

DRAWING NO.	REFERENCE
450-0007-01 TO 03	SHIPLOADER FRONT CHUTE
450-0005-01	BELT CLEANER
450-0026-01	EXISTING SHIPLOADER BOOM
450-0008-01	EXISTING SHUTTLE CAR
450-0022-01 TO 04	E-HOUSE SUPPORT
450-0003-01	BOGIES WITH LONG TRAVEL DRIVES

REFERENCE DRAWINGS

NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE
1	AS BUILT	CW	TJvR	PvZ	22/04/10
0	ISSUE FOR CONSTRUCTION	CW	RJvR	PvZ	02/12/08

REVISIONS / ISSUE AUTHORIZATION

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EPCM CONSULTANT:			
TITLE	NAME	SIGNATURE	DATE
LEAD DES. ENG.	S Claasen		31/10/08
ENG. COORD.			
ENG. MANAGER			10/05/08
AREA MANAGER			
PROJECT MGR.			

DIV.	TITLE	NAME	SIGNATURE	DATE
DIVISION				

ORIGINATOR: 9DOT SOLUTIONS			
TITLE	NAME	SIGNATURE	DATE
DRAWN	CW		06/08/08
CHECKED	RJvR		06/08/08
ENG. COORD.			
DISCIP. ENG.			
ENG. MANAGER	PvZ		06/08/08
AREA MANAGER			
PR.ENG. / PR.TECH.			
NAME	EF		DATE
SIGNATURE			06/08/08
REG. NUMBER	780107		
SCALE :	1 / 100		A1

TRANSNET
TRANSNET PROJECTS

PE MANGANESE TERMINAL REFURBISHMENT

TPT - PORT EXPORT SYSTEM
SHIPLOADER
GENERAL ASSEMBLY

PROJECT NUMBER	DV	FBS	DIS	TYPE	DRG. NO.	SHT.	REV.	ID
H500302	2	450	M	DE	0025	01	1	9D

SIZE:A1 DATE: 2006/12/05