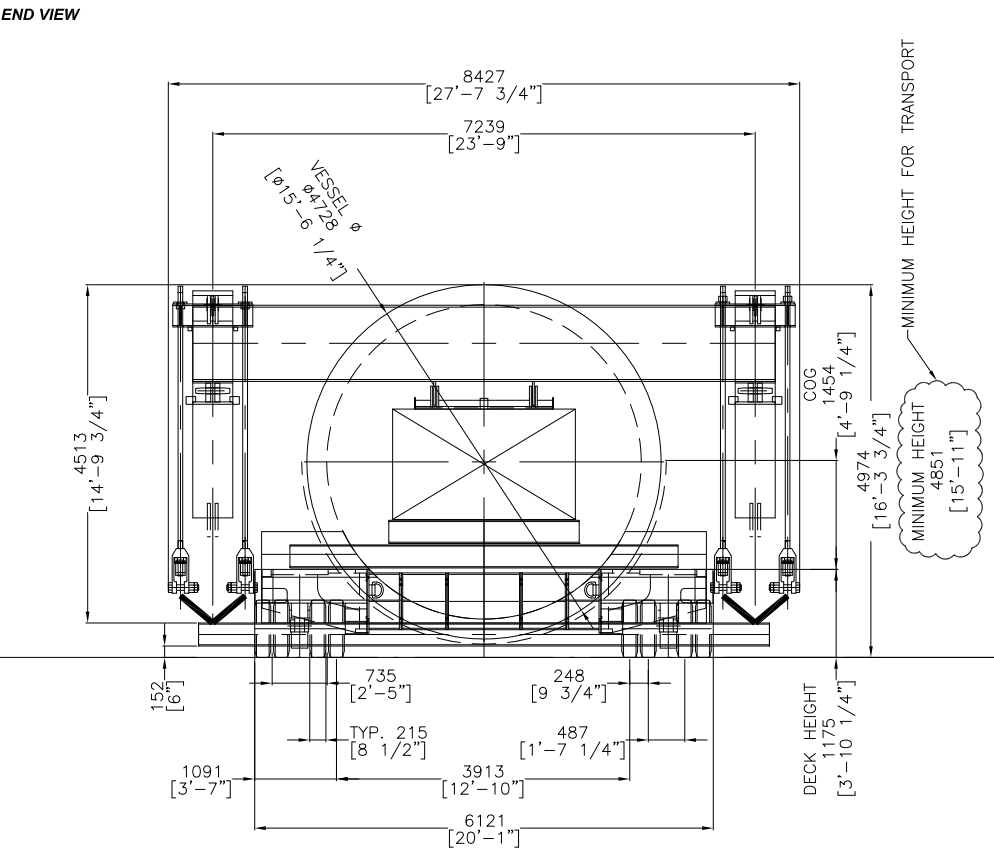


297.8 Te [656,514 Lbs.]
(INCLUDING SADDLES)

00	First Issue		07/10/13	RLam 940443	JLam 940062
REV.	DESCRIPTION:		DATE:	DRAWN:	CHECKED:
Without authorized signatures this document is uncontrolled, not binding and for indicative purposes only.					
CLIENT: CH2M HILL / Calumet Montana Refining					
PROJECT: Great Falls, Montana					
TITLE: Permit Transport of Reactor with [2x] 20' 16 L Road Style Goldhofer w_Frame					
 MAMMOET USA 20625 FM 521, Rosharon, TX 77583 Tel.: +1 (281) 369-2200 / Fax.: +1 (281) 369-2178 www.mammoet.com			THIS PUBLICATION REMAINS THE PROPERTY OF THE PUBLISHER AND SHALL BE TREATED AS CONFIDENTIAL, UNLESS CONTRACTUALLY SPECIFIED OTHERWISE. NO PART OF IT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE PRIOR WRITTEN PERMISSION OF THE PUBLISHER. ©2000 MAMMOET [CGSP-02-01-01]		
SCALE: NTS		SIZE: D		DRAWING NUMBER	
SAP No:		PROJECT No:		SUB: DOC: PART: SHT. REV.	
7000108105		15010242 - P188 - D-		T04 - 1/1 - 00	



LOAD DESCRIPTION:	Reactor	
VEHICLE DESCRIPTION:	[2x] 20' 16 L Road Style Goldhofer w_Frame	
UNITS:	METRIC	ENGLISH
LOAD WEIGHT:	297.8 Te	656,514 lbs
SADDLE WEIGHT:	0.0 Te	0.0 lbs
FRAME WEIGHT:	153.7 Te	338,828 lbs
TURNTABLE WEIGHT:	0.0 Te	0.0 lbs
TRUCK WEIGHT:	96.2 Te	212,000 lbs
TRAILER WEIGHT:	180.4 Te	397,810 lbs
TOTAL WEIGHT:	728.1 Te	1,605,152 lbs
LOAD/LINE	19.7 Te	43,536 lbs
LOAD/ AXLE	9.9 Te	21,768 lbs
LOAD/WHEEL	2.5 Te	5,442 lbs
LOAD/LAT. INCH	0.3 Te	640 lbs

GENERAL NOTES	
1	FIELD VERIFY ALL DIMENSIONS
2	THE CLIENT IS RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF THE LOAD TO BE TRANSPORTED.
3	THE CLIENT IS TO IDENTIFY AND CONFIRM THE SUITABILITY OF THE SUPPORT POINTS TO BE UTILIZED DURING THE TRANSPORT OF THE LOAD.
4	SECURE CARGO ONTO THE TRAILER USING LASHING MATERIAL TO PREVENT SLIDING AND/OR TIPPING OFF THE LOAD.
5	ALL CHAINS GRADE 70, 1/2" 11,300 lbs. CAPACITY (SINGLE) AND TIGHTENED WITH BINDERS (NOT SHOWN) 13,000 lbs. CAPACITY.
6	3/4" PLYWOOD OR ANTI SLIP MATERIAL TO BE USED BETWEEN ALL STEEL CONTACT AREAS TO PROMOTE FRICTION.
7	MAXIMUM WEIGHT AND DIMENSIONS SHOWN FOR REACTOR TRANSPORT
8	SUBJECT TO FINAL ENGINEERING

FOR PERMIT