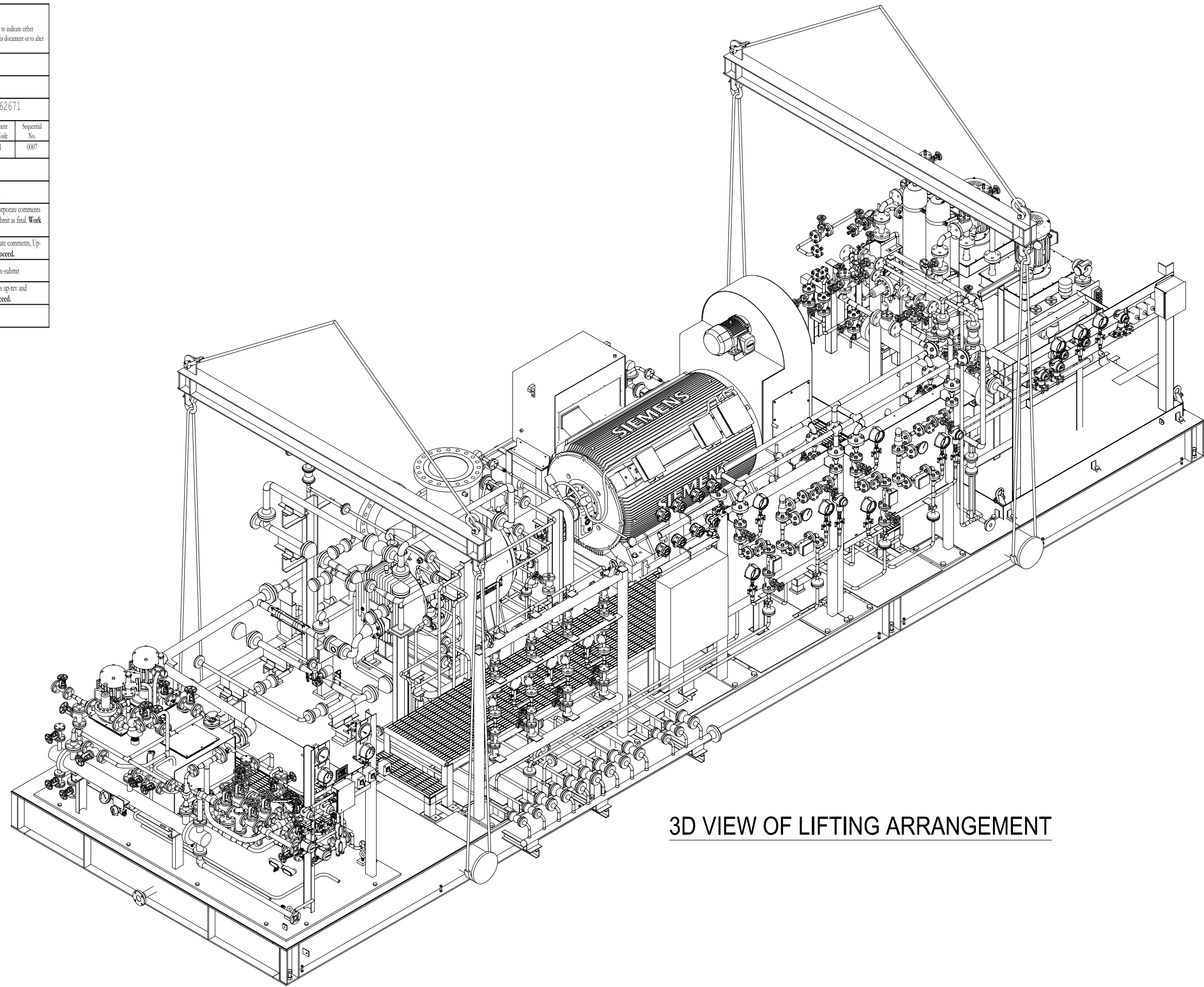
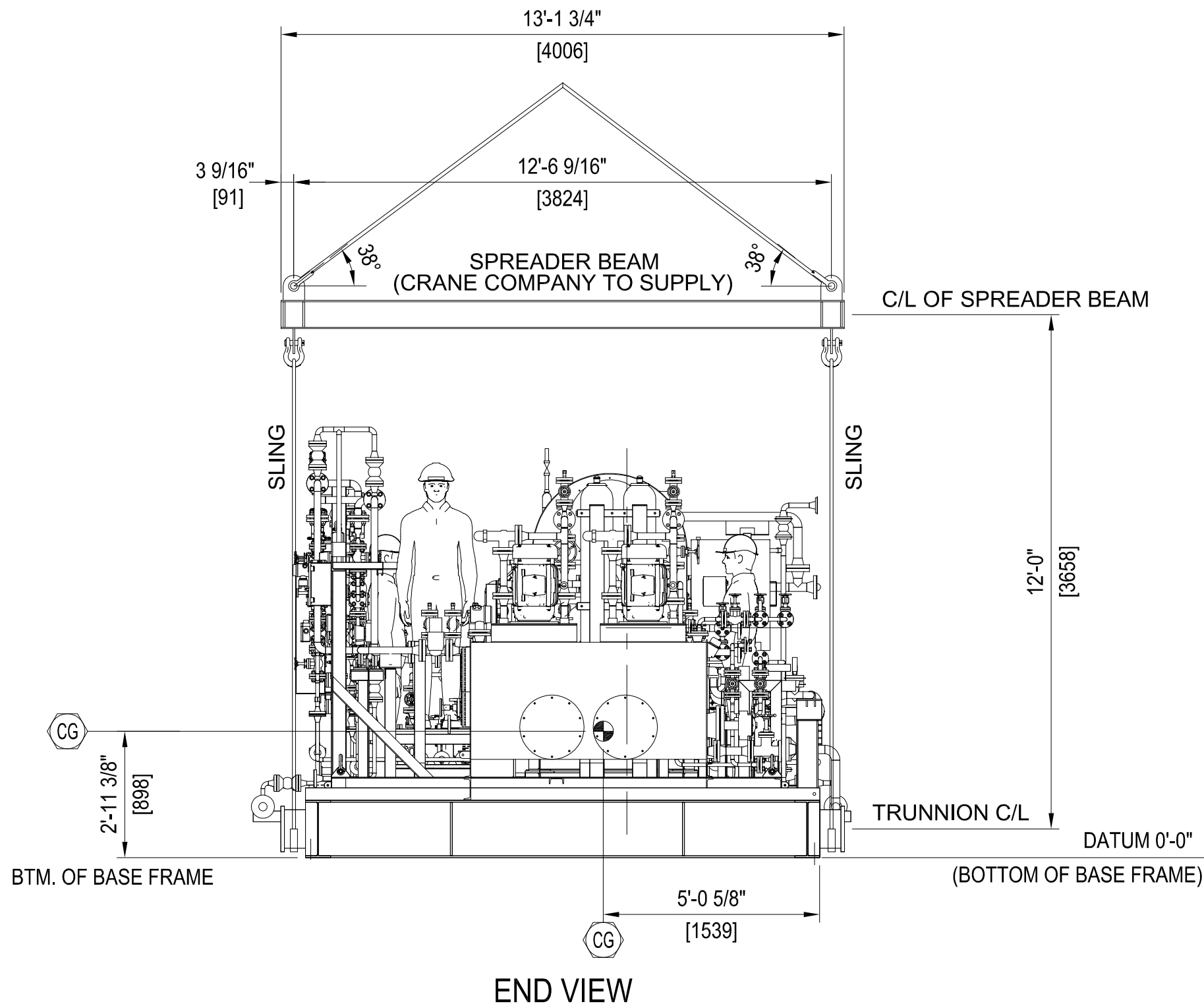


Shell					
Particular Review & Comments shall not be construed to indicate either responsibility or liability for errors or omissions of this document nor shall any contractual terms & conditions					
Project Name:	Hot Pitch Tank				
Project No.:	SP-62670 (REVISED SP-62671)				
Project Title:	Lifting Arrangement				
Project Code:	Design	Drawings	Equipment	Accessories	Notes
Design Code:	001	100	200	300	400
Includes TIRL:	No				
Code:	Accepted as Submitted - Final				
Code:	Accepted with Comments. Incorporate comments (except only if you will Rejected as Not Work. Max. Proceed.				
Code:	Review and Rejected. Incorporate comments (if you will Rejected as Not Work. Max. Proceed.				
Code:	Review not required - Do not re-submit				
Code:	Rejected. Incorporate comments given and re-submit. Work may NOT Proceed.				
Date:	N/A				

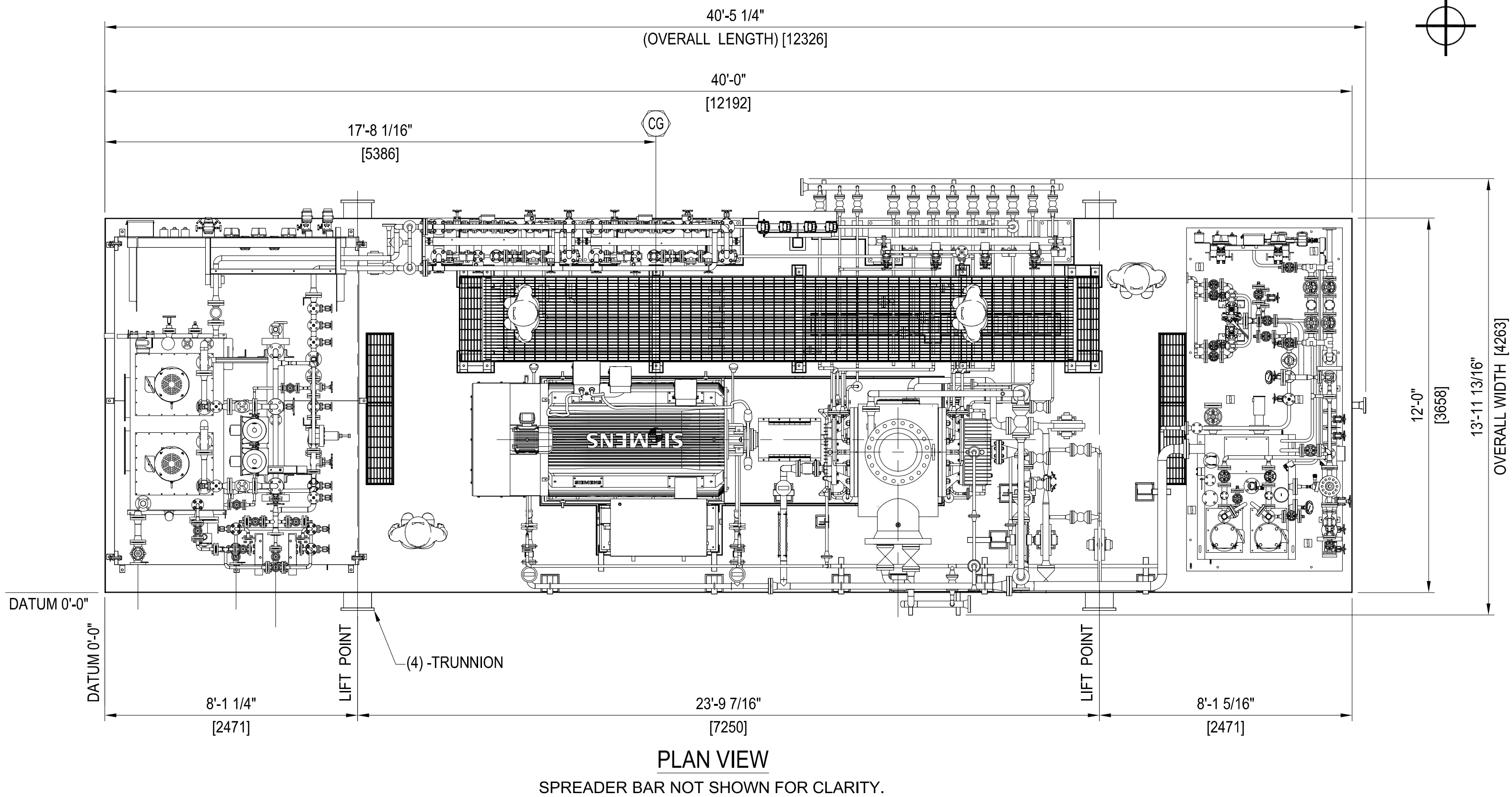


3D VIEW OF LIFTING ARRANGEMENT

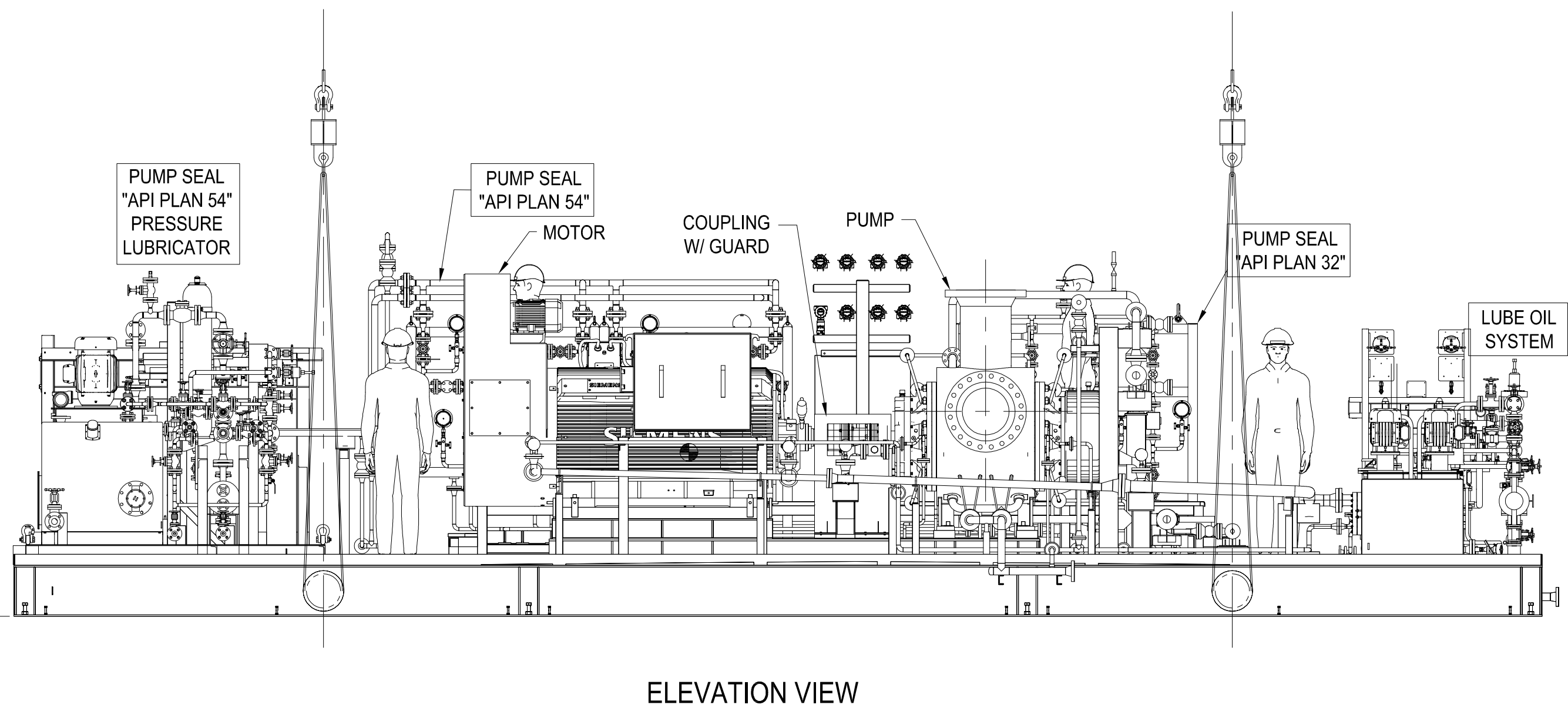
WEIGHT SUMMARY		
ITEM	DESCRIPTION	WEIGHT (LBS)
1	PUMP	8764
2	MOTOR	20000
3	ROTOR	4631
4	LUBE OIL SYSTEM	4814
5	API 54 PRESSURE LUBRICATOR	7700
6	API 54 PANEL	2030
7	API 32 PANEL	700
8	STRUCTURAL STEEL	17000
9	PIPING & TUBING	3500
10	DECK PLATE, LIP & FILLER PLATES	6000
11	GRATING	800
12	JUNCTION BOX	425
TOTAL		76364
GRAND TOTAL		84000



END VIEW



PLAN VIEW
SPREADER BAR NOT SHOWN FOR CLARITY.



ELEVATION VIEW

NOTES	DWG. NO.	REFERENCE DRAWINGS	NO.	DATE	REVISIONS	BY	CKD.	APP.	DATE	APP.	DATE	CLIENT APP.	CLIENT DATE	ENGINEERING RECORD	 12221 FM 529 ROAD, HOUSTON TX. 77041 PHONE (713) 696-8531 www.vgasllc.com	 HOT PITCH TANK PROJECT LOCATION SHELL DEER PARK REFINERY LIFTING ARRANGEMENT DRAWING	DWG. NO. 18-0139-119 CAD FILE: 18-0139-119 SCALE: - REV.
1. ALL DIMENSIONS ARE IN FEET & INCHES UNO. ALL DIMENSIONS IN mm ARE SHOWN IN BRACKET.			0	07/17/19	ISSUED FOR CONSTRUCTION	VDS	NRD						DRN: VDS 07/11/19				
													CHK:				
													APP:				
													APP:				
													CLIENT APP:				
														DO NOT SCALE DRAWING USE DIMENSIONS ONLY			