

CRITICAL LIFT PLAN

Today's Date:	Lift Location:					
PROJECT INFORMATION						
CCSI Job Number:	Job Name:					
Rigging Company:	Rigging Contact:					
Crane Company:	Crane Co. Contact:					
CRANE INFORMATION						
Make: Model: Serial No.: Size (Tons):	Type: Hydraulic Friction Lattice Truck					
Boom Length: Jib Length: Offset, if used: Load Line # of Parts:						
Lift Block Capacity:	<u></u>					
Will outriggers be fully extended? Yes	No If no, explain:					
Will Lift Plan be based on 360° chart?	No If no, explain:					
Will this plan require more than one crane, either for a dual-lift or for material handling?	No If yes, explain:					
Will crane(s) need to "walk" Yes with load(s)?	No If yes, explain:					
For a dual-lift, an engineered composit Lift Plan (all figures, calculations and drawings for both cranes on the same Lift Plan) must be completed. For multiple cranes to be used on the same project, please complete a separate lift plan for each crane, to be submitted together.						
LOAI	D CHARACTERISTICS					
Will this plan cover more than one pick?	Yes No					
Describe loads:						
Dimensions of max load (weight):(Attach caluclations used to determine weight)	Weight of heaviest load:					
Dimensions of max load (volume): Location of load center of gravity: (Attach caluclations used to determine center of gravity)						
Maximum boom length required:						
Minimum boom angle required:						
Maximum radius required:						
Will load be upended? Yes No If so, explain why and how (multi-drum, dual crane, lift/block/lift, etc.)						
- DIO	CINIC INFORMATION					
RIGGING INFORMATION Describe rigging components: (be specific - number, type, size, length, capacity, differing pick configurations, etc.)						

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Describe and show minimum capacity component:						
Worst case weight of all rigging:						
lf a li	fting beam or other similar component is u	used, attach capacity, PE certification and drawing.				
Othe	er weights to be considered to determine g	ross load:				
	Max Load:	Hook Block:				
	Rigging:	Load Line:				
	Jib:	Max Gross Load:				
	Jib hook:	Other:				
		CRANE LOCATION / CLEARANCE				
1.	Provide a to-scale plot plan showing crane location, adjacent buildings, piperacks and other significant obstructions within load swing radius. Indicate direction and span of swing.					
2.	Provide a to-scale elevation depicting crane, adjacent structions and load.					
3.	What is horizontal distance from the crane center pin to the nearest structure?					
4.	What is minimum clearance from boom	to highest point of structure during pick?				
5.	What is minimum clearance from load to highest point of structure during pick?					
6.	What is minimum distance from boom to load during pick?					
7.	If the load or any part of the crane will be over any active piping, tanks or equipment during pick, please explain:					
8.	Confirm underground site utilities have been identified.					
9.	If outriggers will be located over underground utilities, please explain.					
10.	Will signaling be by hand or radio?					
11.	Who will be responsible for signaling? _					
	SUMM	MARY "WORST CASE LIFT SCENARIO"				
Maxi	mum Radius:	Minimum Boom Angle:				
Max	Gross Load:	Max Chart Capacity:				
Perc	entage of capacity Max Gross Load / Max	Capacity:				
		ATTACHMENTS				
Thes	se attachments must be present to have a	complete critical lift plan:				
	Plot plan with crane location	Notes:				
	Elevation Plan	Notes:				
	Load Calculations	Notes:				
	Rigging Lists	Notes:				
	Crane Charts	Notes:				
	ADDE	NDUM / ADDITIONAL CONSIDERATIONS				
Вер	repared to confirm the following additional	l items:				
1. 2. 3. 4.	Crane configuration in compliance with I Maximum radius confirmed (MEASUREI Maximum load confirmed prior to achiev All pick points vertically above load cent	D) without load ving maximum radius				

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Outrigger floats and dunnage installed (minimum 3'x3'x4') and size

5.

6.

Taglines to be used

7. 8. 9. 10. 11. 12. 13.	Outriggers fully extensed Position: Lift area and equipment inspected Counterweight swing radius barricaded Load swing radius barricaded Copy of Demolition Plan in cab of crane (if applicable Lift Plan and Crane Permit in cab of crane Lift Plan and Crane Permit with erection or demolitio ollowing items are required to be in the Crane Cab:)	mputer set at:			
1. 2. 3. 4. 5.	Hand Signal Chart Fire Extinguisher Complete load capacity charts with notes 3rd party inspection report Completed Daily Inspection Sheet	6. 7. 8. 9.	Last three Monthly Inspection Reports Operator's Manual State crane registration All other required paperwork, PPE, etc.			
ALWAYS double-check the following:						
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	Anti-two block operational Overhaul ball capacity marked Wedge sock/becket properly installed Backup alarm working All warning placards in place Boom angle indicator functioning properly Boom high limit functioning properly(lattice boom) No broken or fogged glass Boom light/beacon if boom is higher than 200' Slings and rigging inspected All wire rope inspected	12 13 14 15 16 17	tags All hooks inspected for wear and deformation Safety latches in place Dunnage / blocking available to secure loads Demolition Plan submitted and reviewed (if applicable)			
This Critical Lift Plan is prepared by: The Critical Lift Plan is submitted to:						
Company: Composite Construction Systems, Inc. By: Print Name: Title:		Contact Tit	Company: Contact Name: Contact Title: Project Name:			
Date:		Project Loc	Project Location:			

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