

## CRITICAL LIFT PLAN

Date: _____	Prepared By: _____
Location: _____	_____

*A "critical lift" is defined as any non-routine crane lift requiring detailed planning and additional or unusual safety precautions. Critical lifts include: lifts made where the load weight is greater than 75% of the rated capacity of the crane; lifts which require load to be lifted, swung or placed out of the operator's view ; lifts made with more than one crane; lifts involving non-routine/technically difficult rigging arrangement; hoisting personnel with a crane or derrick; or any lift which the crane operator believes should be critical.*

A. TOTAL LOAD	E. CRANE PLACEMENT <i>(Mobile Cranes Only)</i>																																					
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 70%;">1. Load Weight</td><td style="width: 10%; border: 1px solid black;"> </td><td style="width: 20%;">lbs</td></tr> <tr><td>2. Wt. of Aux. Block</td><td style="border: 1px solid black;"> </td><td>lbs</td></tr> <tr><td>3. Wt. of Main Block</td><td style="border: 1px solid black;"> </td><td>lbs</td></tr> <tr><td>4. Wt. of Lifting Beam</td><td style="border: 1px solid black;"> </td><td>lbs</td></tr> <tr><td>5. Wt. of Sling/Shackles</td><td style="border: 1px solid black;"> </td><td>lbs</td></tr> <tr><td>6. Wt. of Jib/Ext. (erected/stowed)</td><td style="border: 1px solid black;"> </td><td>lbs</td></tr> <tr><td>7. Wt. of Hoist Rope</td><td style="border: 1px solid black;"> </td><td>lbs</td></tr> <tr><td>8. Other:</td><td style="border: 1px solid black;"> </td><td>lbs</td></tr> <tr><td style="text-align: right;">TOTAL WEIGHT</td><td style="border: 1px solid black;"> </td><td> </td></tr> </table> <p><small>Note: Source of load weight (Drawings, Calcs, etc.) must be attached on Page 2.</small></p>	1. Load Weight		lbs	2. Wt. of Aux. Block		lbs	3. Wt. of Main Block		lbs	4. Wt. of Lifting Beam		lbs	5. Wt. of Sling/Shackles		lbs	6. Wt. of Jib/Ext. (erected/stowed)		lbs	7. Wt. of Hoist Rope		lbs	8. Other:		lbs	TOTAL WEIGHT			<table style="width: 100%; border-collapse: collapse;"> <tr><td>1. Maximum Bearing Pressure _____ PSF</td></tr> <tr><td><small>Note: Bearing Pressure Calculations must be attached on Page 3.</small></td></tr> <tr><td>2. Ground Conditions Suitable for Load? _____ YES / NO</td></tr> <tr><td><small>Note: Ground Condition Calculations must be attached on Page 3.</small></td></tr> <tr><td>3. High Voltage or Electrical Hazards? _____ YES / NO</td></tr> <tr><td><small>Note: If Electrical Hazards are present they must be shown on Page 4.</small></td></tr> <tr><td>4. Obstructions to Lift or Swing? _____ YES / NO</td></tr> <tr><td><small>Note: If Obstructions are present they must be shown on Page 4.</small></td></tr> <tr><td>5. Travel with Load Required? _____ YES / NO</td></tr> <tr><td>6. Other? _____</td></tr> </table>	1. Maximum Bearing Pressure _____ PSF	<small>Note: Bearing Pressure Calculations must be attached on Page 3.</small>	2. Ground Conditions Suitable for Load? _____ YES / NO	<small>Note: Ground Condition Calculations must be attached on Page 3.</small>	3. High Voltage or Electrical Hazards? _____ YES / NO	<small>Note: If Electrical Hazards are present they must be shown on Page 4.</small>	4. Obstructions to Lift or Swing? _____ YES / NO	<small>Note: If Obstructions are present they must be shown on Page 4.</small>	5. Travel with Load Required? _____ YES / NO	6. Other? _____
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B. CRANE	F. OPERATOR QUALIFICATIONS																																				
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C. HOIST ROPE	Main	Aux 1	Aux 2	
1. # of Parts				12. Tag Lines
2. Rope Diameter				13. Wind Conditions
3. Capacity				14. Traffic Hazard Check
				15. Site Control
				16. Signatures

D. RIGGING	H. SIGNATURES																			
<table style="width: 100%; border-collapse: collapse;"> <tr><td>1. Hitch Type(s)</td><td>_____</td></tr> <tr><td>2. No. of Slings: _____ Size: _____</td></tr> <tr><td>3. Sling Type: _____</td></tr> <tr><td>4. Sling Assembly Capacity: _____ lbs.</td></tr> <tr><td>5. Shackle Size(s): _____</td></tr> <tr><td>6. Shackle Rated Capacity(s) _____ lbs.</td></tr> </table>	1. Hitch Type(s)	_____	2. No. of Slings: _____ Size: _____	3. Sling Type: _____	4. Sling Assembly Capacity: _____ lbs.	5. Shackle Size(s): _____	6. Shackle Rated Capacity(s) _____ lbs.	<table style="width: 100%; border-collapse: collapse;"> <tr><td>1. Crane Operator</td><td>_____</td></tr> <tr><td>2. Rigger</td><td>_____</td></tr> <tr><td>3. Signal Person</td><td>_____</td></tr> <tr><td>4. Lift Supervisor</td><td>_____</td></tr> <tr><td>5. Other</td><td>_____</td></tr> <tr><td>6. Other</td><td>_____</td></tr> </table>	1. Crane Operator	_____	2. Rigger	_____	3. Signal Person	_____	4. Lift Supervisor	_____	5. Other	_____	6. Other	_____
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## LOAD CALCULATIONS

*Show here or attach calculations, drawings, etc.*

A large grid area for calculations and drawings, consisting of a 30x30 grid of small squares. The grid is intended for showing calculations, drawings, or other technical information related to load calculations.

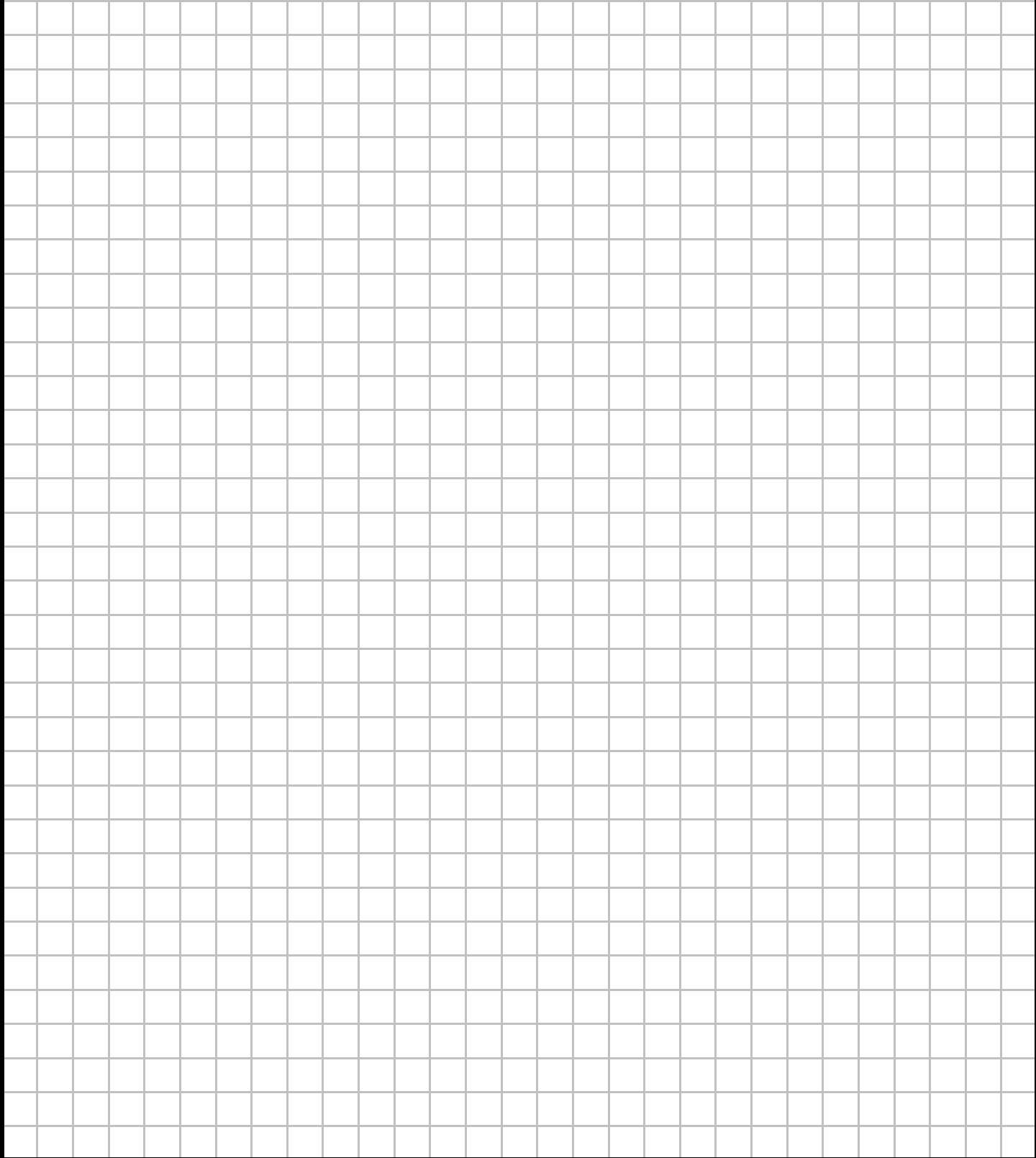
BEARING PRESSURES & GROUND CONDITIONS

Show here or attach calculations, drawings, etc.

A large grid area for calculations and drawings, consisting of a 30x30 grid of small squares. The grid is intended for showing calculations, drawings, or other technical information related to bearing pressures and ground conditions.

LOAD CHART

*Show here or attach load chart*



OPERATOR, RIGGER, SIGNAL PERSON QUALIFICATIONS

Show here or attach operator qualifications

A large grid area for writing or attaching operator qualifications. The grid consists of 20 columns and 30 rows of small squares, providing a structured space for detailed information.

SITE PLAN

*Show here or attach site plan and sequencing*

