



NOAA MOC-P Lift Plan Worksheet



Project Information

Title: _____ Date: _____
 Project: _____ Job Number: _____
 Description: _____
 Jobsite Address: _____
 Customer: _____ P.O/ Contract#: _____
 Lift Plan Drawing and Load Placement Drawing Attached? Yes ___ No ___
 Notes: _____

Crane Information

Manufacture: _____
 Model: _____
 Serial #: _____
 Crane Rating: _____
 Crane Inspection Date: _____
 Notes: _____

Lift Information

Crane Radius: _____
 Gross Capacity at Pick Point: _____
 Gross Capacity at Set Point: _____
 Crane Capacity: _____
 Notes: _____

Crane Configuration

Crane Carrier: _____
 Counterweight: _____
 Chart Capacity: _____
 Main Boom Length: _____
 Boom Type: _____
 Boom Sections: _____
 Parts of Line: _____
 Line Size: _____
 Capacity of Line @ Parts: _____
 Radius: _____
 Boom Angle: _____
 Tip Height: _____
 Jib Used: Yes ___ No ___
 Jib Length: _____
 Jib Offset: _____
 Jib Angle from Ground: _____
 Ground Bearing Pressure (Worst Case): _____

Load Configuration

Description: _____
 Dimensions: _____
 Load Weight: _____
 Rigging Weight: _____
 Ancillary Equip Wt: _____
 Other Weight: _____
 Total Weight: _____
 Hook Height: _____
 Sling Length: _____
 Sling Angle: _____
 Sling Equip#: _____
 Sling Type: _____
 Sling Capacity: _____
 Spreader Bar #: _____
 Spreader Bar Capacity: _____
 Hook Block: _____
 Shackle Type: _____
 Shackle Qty: _____
 Shackle Capacity: _____
 Additional Rigging: _____
 Additional Rigging Capacity: _____
 % of Chart Capacity: _____
 Chart Capacity Deduct: _____ %
 Deduct Capacity: _____
 Notes: _____

Setup Information

Crane Setup: Over Rear _____ 360° _____
 Over Front _____ Over Side _____
 Setup Distance: _____
 Mat Used: Yes ___ No ___
 Mat Dimensions: _____
 Ground Bearing Pressure Est: _____
 Ground Bearing Pressure Actual: _____

Title: _____ Page #: _____
Project: _____ Job Number: _____

Jobsite Obstructions

Front Obstruction Name: _____
Dimensions: _____
Rear Obstruction Name: _____
Dimensions: _____
Height Obstruction Name: _____
Dimensions: _____
Right Obstruction Name: _____
Dimensions: _____
Left Obstruction Name: _____
Dimensions: _____
Notes: _____

Notes: _____

Pre-Lift Checklist

Crane Operator: Name: _____
Signalperson Assigned: Name: _____
Communication Method: _____
Crane Inspected by Operator? Yes _____ No _____
Rigging Inspected? Yes _____ No _____
All Permits Obtained? Yes _____ No _____
Wind OK? Yes _____ No _____
Are There Power Lines? Yes _____ No _____
Are The Weather Conditions OK? Yes _____ No _____
Is Operators Certification Card Current? Yes _____ No _____
Is Area OK for Entry and Exit of Jobsite? Yes _____ No _____
Has a Pre-Lift Meeting between Crane Operator, Signalperson, Supervisor, and Any and All Other Persons occurred? Yes _____ No _____
Other Special Considerations:

Signatures

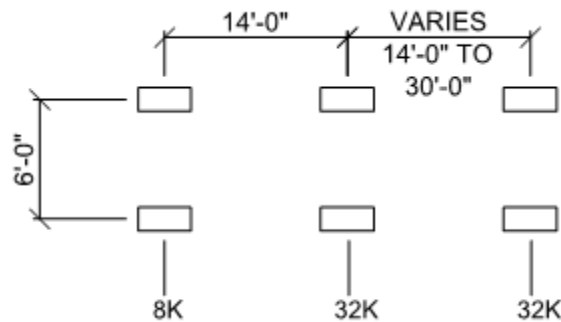
Engineer: Name _____ Signature _____ Date _____
Supervisor: Name _____ Signature _____ Date _____
Operator: Name _____ Signature _____ Date _____
Client: Name _____ Signature _____ Date _____

NOAA Wharf Design Load Information

DESIGN CRITERIA:

GRAVITY SYSTEM CRITERIA		
SNOW LOAD	25 PSF L.L.	
FLOOR LIVE LOADS:	UNIFORM LOAD	CONCENTRATED LOAD
WHARF	500 PSF L.L.	HS-20 / FIRE TRUCK REF. S0.4
UTILITY WORK AREA	250 PSF L.L.	2,000 LBS.
SMALL BOAT DOCK AND GANGWAY	50 PSF L.L.	2,000 LBS.
NOTES:	1. MEMBER DESIGNED FOR MORE CRITICAL OF UNIFORM OR CONCENTRATED LOAD.	

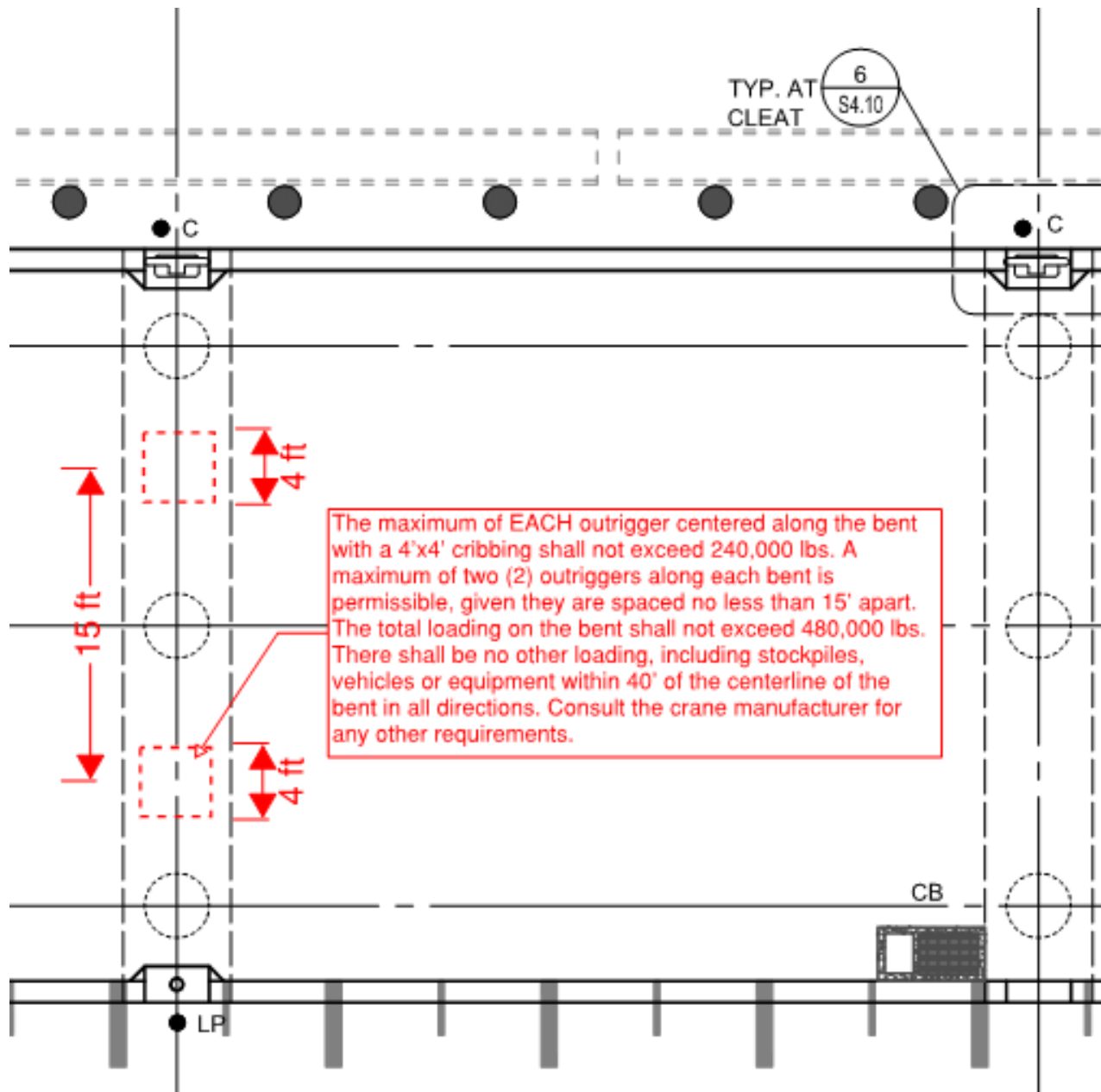
HS-20 AASHTO TRUCK



Minimum cribbing criteria (concentrated load)

- 35,000 or less – 3x3
- 40,000 or less – 4x4
- 50,000 or less – 5x5
- 60,000 or less – 6x6
- 70,000 or less – 7x7

Above 70,000 will require additional review and analysis prior to determining the requirements.

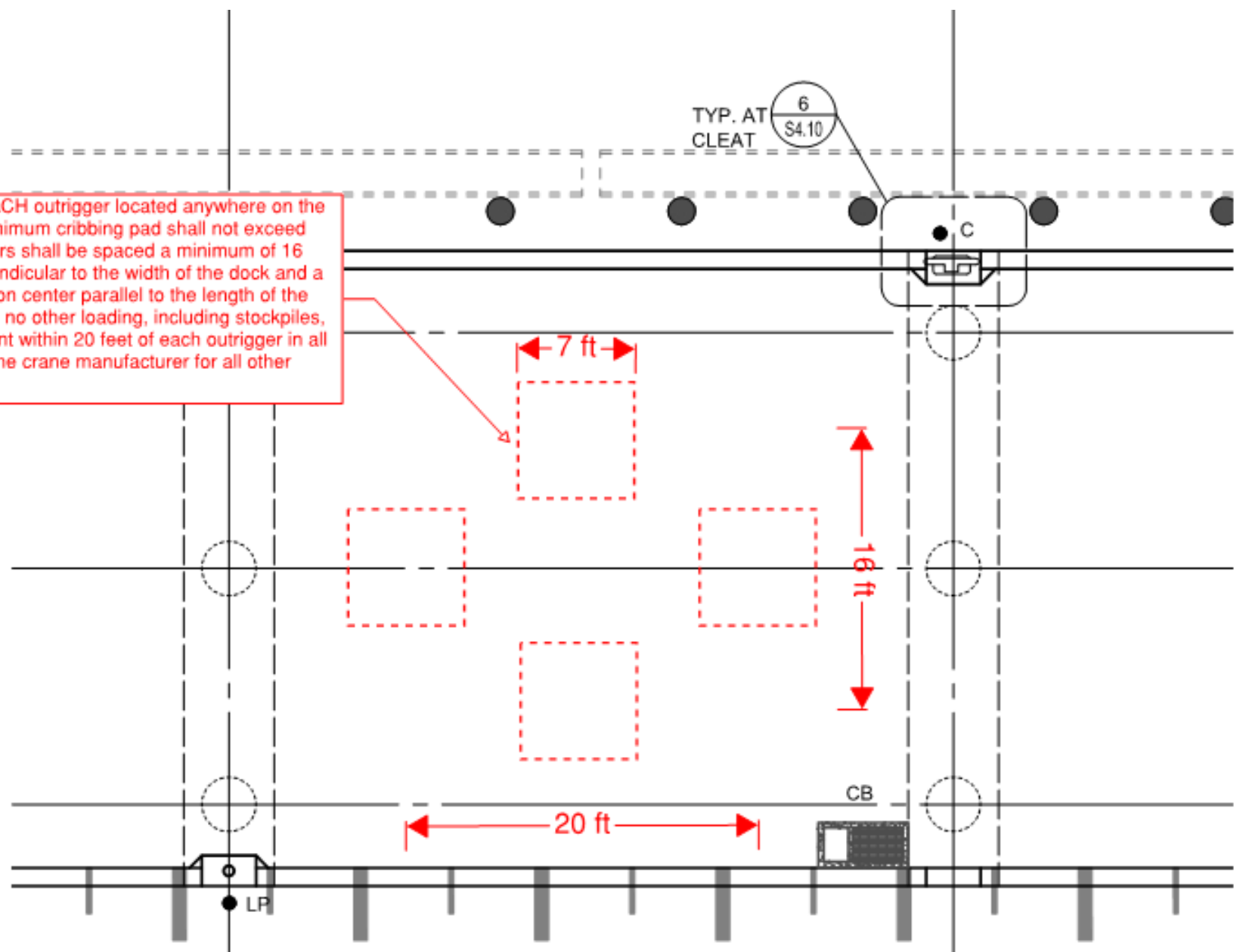


NOAA wharf load guidelines

Load at bent

TYP. AT
CLEAT
6
S4.10

The maximum of EACH outrigger located anywhere on the deck with a 7'x7' minimum cribbing pad shall not exceed 70,000 lbs. Outriggers shall be spaced a minimum of 16 feet on center perpendicular to the width of the dock and a minimum of 20 feet on center parallel to the length of the dock. There shall be no other loading, including stockpiles, vehicles or equipment within 20 feet of each outrigger in all directions. Consult the crane manufacturer for all other requirements.



NOAA wharf load guidelines

Load at deck