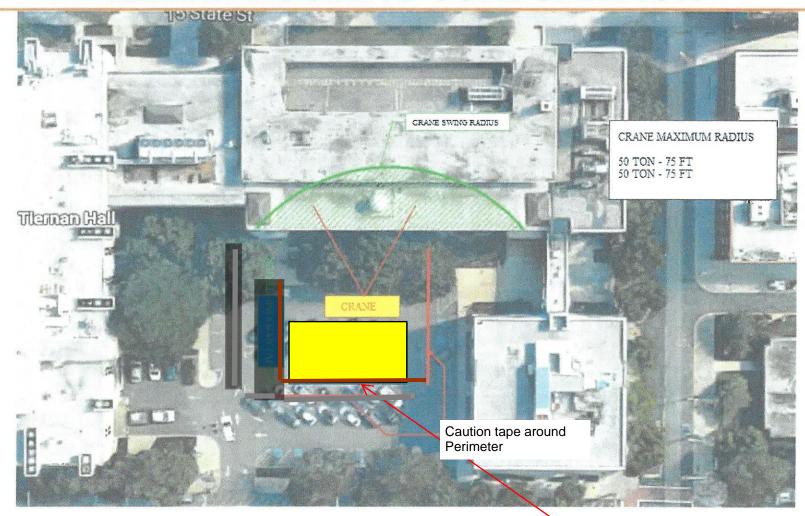
# AETNA ROOFING CORPORATION



NJIT MEMORIAL HALL - CRANE LOCATIONS FOR LOADING OF ROOFING MATERIALS, EQUIPMENT, AND DEBIRS

Crane Lift 1-16-20 From: 6:00AM to 10:00 AM

1320 East State Street Trenton, N.J. 08609 Phone: 609-586-3666 Facsimile 609-587-5708

Roofing - Sheet Metal - Waterproofing

Please be advised that only the 2 rows closer to sidewalk will be blocked off and remaining rows can be used for parking.



## **Crane USE PERMIT**

A crane use permit is required for *each and every time* a crane is setup and operated. A signed off lift plan is required before a crane use permit can be issued. No Lifting or extension of outriggers can be done until all sections of the crane permit have been signed off.

Date: 01-09-2020	Time of Crane Use:	Start		Complete	01-16	5-2020			
Pick Location: NJIT Memorial Ha	ill,	0	1-16-202	20					
Pick Location ( nearest buildings)	: Southwest Side of		Gilba	ne Represe	ntativo	for Dick-			
Building									
Contractor/ Rigging Company: Jo	hn Biasini		Eme	Emergency Phone No: (609) 947-6756					
Lead Rigger/Competent Person:				Emergency Phone No:					
Crane Company: Aetna Roofing	Corporation	•							
Crane Operator: See Attached	Lice	ense #:	See Attache	ed	Expiration Date: See Attached				
Make Manitex (2013)	Model <b>50128S</b>			Capacity 50 Ton	S/I	N 5573			
Boom Length Jib Use	ed? NO If so, length?					Offset, if Used			
2. Load Characteristics (From L Description of Maximum Load: Roofing N Total Gross load from Lift plan (max Load	laterials, Equipment, and	Debris		_) Dimension	ons of Ma	ax Load: 4' x 4' x 4'			
Max Pick Radius: 60 ft	Crane Capacity at	May radi	ite: 8 200		% Tota	I Gross Load / Crane capacity: 40%			
	Orano oupdony at	TVICENT TOCK	us. 0,200		76 TOIA	r dross Load / Crane capacity, 40%			
3. Operator to Verify the Follow	ina								
All Required OSHA Paperwork,     Licenses and Certifications been completed and available in Cab	☐ Daily Inspection Completed and in Cab		☑ Lift Plan Reviewed and copy in cab			Crane Configuration in Compliance with Lift an			
Outriggers Extended per Lift plan and	Proper Dunnage Installed (	Minimum	1 3'X3'x4"	)		Operator has confirmed that Winds not cossive for Picks			
☑ Operator has reviewed Overhead haz	ards	⊠ Op	erator ha	s reviewed und					
Operator will measure and confirm ma	ax pick radius without load	⊠ Op	Operator will confirm total Gross Load weight prior to reaching max radius						
4. Contractor/Rigger to Verify									
	☑ Slings and Rigging ☑ Taglines to ☑ Swing Radius				☐ Lift Plan and Crane Permit Reviewed with Erection/Demolition Crew				
☑ Traffic Control Plan in Place		İX	Signals System In Place						
Crane Operator		THE REAL PROPERTY.	atures	/D:					
Date and Time			ate and	or/Rigger Time:					
	e the competent persor	ns and a	are sole		le for th	e safe execution of the lift(s) and will			
Construction Management (CM)			ate & T	ime:					
This Permit is issued	to the above competer	nt perso	ons for t	he performa	ince of	the above planned lift(s).			



#### 2

## **Crane LIFT PLAN**

This plan should be based on "worst case" combination of load weight and lift radius for a specific crane configuration in the location as indicated on the Lift Plan. The Lift Plan may be valid for more than one day, as long as the configuration, location, maximum expected load and maximum expected radius do *not* change from the Lift Plan as submitted. Every crane setup and operation must be covered by the Lift Plan as submitted. A Crane Use Permit is also required for each crane set up location prior to lifting.

Date Submitted: 01-09-2020	Proposed Date(s) For Lift Start: 01-14-2020	Complete: Q1-14-2020
Contractor/ Rigging Company: Aetna Roofing Corp	Emergency Phone Number:	John Biasini 609-947-6756
Crane Company: Aetna Roofing Corp	Emergency Phone Number: J	ohn Biasini 609-947-6756
Project:	Lift Location/Nearest Building(s	)•
NJIT Memorial Hall Roof Replacement	149 Warren Street, Newark NJ	,.
Description of Lifting Work to be done		
Lift to roof and remove from roof equipment, ro	ofing materials, and debris	
Description of Lifting Scope: number of days 1		of items to be picked: Numerous

Make Manitex (Aetna Unit C85- 2013)	Model 50128S	Model 50128S		Capacity (tons) 50 Tons		
Crane's Total Boom Length for this Configuration ( Boom only) 128 ft	Jib Used?	No	Le N/	ngth A	Offset, if Used N/A	
Will outriggers be fully extended?	/ES_If not, please ex	plain setting:				
Will the Lift be based on 360° crane	use and chart? Y	ES_If not, ple	ase expla	in:		
Maximum Boom Length Required 1.	28 ft	Maximum I	Pick Radiu	us Require	ed 60 ft	
Is FAA or Airport Notification Requir	ed? No		********	-		
Owner or local regulatory agency no	tification required?	Vo.				

2. Load Characteristics			
Description of Max Load: 2300 lbs -	Insulation cover board		
Dimensions of Max Load . 4' x 4'	<b>( 4'</b>		Provide sketch
Weight of Max Load 2300	How was this determined?	MFG Sheet	Please attach calculations.
What is the maximum safe wind spe	ed allowed for the picks covered ur	nder this lift plan?	25 MPH
Will the load be unbalanced? No	If so, how will it be leveled dur	ring pick?	

3. Rigging Information:	menoral contention of the content of
List Rigging Components Please be specific – number, type, softeners, size, length, lift beam, capacity, etc. Bridle and strappers	
Worst Case Weight of Line, Block , and All Rigging: 3,245 lbs	

4. Other Weights to be Considered to Determ	
a. Weight of Max Load	2,300 lbs
b. Weight of Rigging:	120 lbs
c. Added weight for factor of safety (minimum 20% of line a for uncertified weight)	Other: Block = 327 lbs, Stowed Jib = 370 lbs, Hoist Line = 128 lbs
Total Gross Load:	3,245 lbs



5. Crane Location/Clearances									
<ul> <li>Has contractor developed a plan to control and prote attached</li> </ul>	ect vehicular and pedestrian traffic? YES Please submit - see								
b. Will a full road blockage or partial road blockage be	required? No								
staged in parking lot	existing roof or landscaping at any time during pick? Materials will be								
d. Has Contractor developed a to scale plot plan showing crane location, adjacent structures, roadways, underground Utilities, etc. within swing radius 1-1952 Please submit showing direction of swing - see attached									
Has Contractor completed a to-scale elevation sketch     Please submit. See map attached	e. Has Contractor completed a to-scale elevation sketch or drawing depicting crane, adjacent structures, and load? Yes								
f. Has Contractor surveyed the area for overhead pow	ver lines and other hazards? Yes								
g. Has Digsafe or Underground Utility Locator service	marked area beneath crane set up? NO								
h. Have ground conditions adequate to support all load	ds been verified? Yes								
<ul> <li>Will load or any part of crane/rigging be within 20 fee assembly/disassembly or hoisting? No</li> </ul>	et of energized power lines or any process system at any time during								
6. Summary "Worst Case " Lift Scenario									
	Crane Chart Capacity @ Max  d. % of Crane Capacity								
	k Radius 8,200 lbs (line 6b/ 6c) 40%								
7. Contractor Assembly/Disassembly Director to Ver	rify the Following								
☐ Crane Operators Certified and ☐ Daily, Monthly,	☐ Lift Plan Reviewed and ☐ Crane Configuration in Compliance with								
Riggers, Signal persons qualified and Annual Inspections	copy in cab Lift Plan and manufacturers requirements								
documentation provided current and availab to Operator in cab	lie								
<ul> <li>Outriggers Extended per Lift plan and Proper pad supports Install</li> </ul>									
☐ Overhead hazards reviewed	excessive for Picks/per mfr req'ts  Ground conditions adequate for superimposed loads/verified w/controlling entity								
☐ Slings and Rigging ☐ Taglines to ☐ Swing Radius Inspected									
☐ Traffic Control Plan in Place	☐ Signals System In Place								
☐ Measure and confirm max pick radius without load	☐ Confirm total Gross Load weight prior to reaching max radius								
☐ Work area controlled- fall zone restricted	□ Power lines deenergized/ 20 ft distance maintained								
☐ Safety devices functioning	☐ Operational aids functioning								
☐ Fall protection equipment/methods in place	Crew trained on hazards/safe work plan?								
O Cartified/Ovalified accessed /decomposite!	A be a second of the second of								
8. Certified/Qualified personnel (documentation mus  □ Operators □ Riggers	□ Signalpersons								
See attached list of all Aetna Crane Operators See attac	ched list of all Aetna Riggers See attached list of all Aetna Signalers								
<ul> <li>Equipment/rigging Inspectors :</li> <li>See attached list of Aetna Crane Operators</li> </ul>	☐ Designated spotters — Will be from list of Aetna riggers and signalers								
O Decumentation Provided (-II									
9. Documentation Provided (all must be provided):  □ Plot Plan w/Crane □ Elevation Sketch □ Wei	ght Calculations   Rigging List/Sketch   Appropriate Crane Charts								
Location etc N/A for N	Max Load								
☐ De-energization/grounding of power lines from utility ☐ Und	derground conditions reports								
40 Cafaty work where /-II									
10. Safety work plans (all must be provided):  □ Fall protection Plan □ Work around power lines □	☐ Assembly/disassembly Plan ☐ Work area control Yes								
N/A N/A	N/A								
☐ Traffic Control Plan – see attached ☐ Job.	/Activity Hazard Analysis for all other related activities								



	ollars/struts per mfr eq'ts? YEs		Attachment to buildin	g/structure p	er PE?	N/A
12. Critical Lift					Yes	No
Will crane(s) need to "travel" with loads?					169	X
Will pick require more than one crane?						1 x
Is total gross load more than 75% of rate	ed canacity of crane at	the m	ay radius?			X
Is total gross load more that 50% of rate	d capacity AND lifting	over e	visting facilities?			TX
Will lift/carry personnel?	a supusity 7 ii 10 iii iii iig t	2401 0	Aloung raomitios:			X
Are multiple cranes/derricks to be used	or the lift?					TX
Is pick item weighing over 10,000 pound		izonta	I/vertical\2			+ <u>^</u>
If the answer to any of the above is ye must be signed off by contractor's lic sign below.  PE stamp required PE stamp	ensed professional e	ngine	er unless otherwise	ditional info waived by a	rmatio Il indiv	n below, and iduals who
Detailed description of item to be lifted - Lift to roof and remove from roof equipm			Challen was registed (State State ) **			
Equipment/Lift relationship						
Operating radius	Lift Unit 1		Lift L	Jnit 2		
Boom length	128 ft					
Allowable load (from Load chart)	3,245 lbs					
Ratio Lift/Allowable load	40%					
Clearance between boom & Lift	Varies					
Clearance to surroundings Weight of Critical Lift (use A, B or C)	30 ft	-				
A. Certified Scale weight (attach ticket)	lbs.					
B. Calculated independently by more	Source Name:			lha		The same warms are same as
than one source	Source Name:			lbs. Ibs		
Pre-Lift Inspections	Cource Name.			IDS		
□ Hoisting equipment			Ground bearing condit	ione		
☐ Underground utilities/adjacent struct	IIres		Cribbing/mats design/i			· · · · · · · · · · · · · · · · · · ·
□ Rigging/thimbles/clamps	ui ca		Spreader bars/Blocks/			
Name and Signature of Qualified Pers	on Inspecting		opreduct bars/blocks/	Audominents		
Operator experience:	an mobosting.					
List experience on this type of equipr	nent and type of lift (u	ise se	eparate sheet when r	equired:		
Attach schedule of operations inc	luding time for rigg	ing a	nd equipment insp	ection		



Crane Company Qualified	Cian	ature:	Signatures /B:		
Person	Sign	ature:	Contractor/Rigg	er	Signature:
613011	Date		Assembly/Disas	sembly	Species Specie
Contractor Assemble/Dise			Director		Date:
will comply with applicable	(IS). La	ontractor Assembl	V/Dieaeeembly Dira	otor and aguin	npleteness of this lift plan and oment Operator will verify lift s.
Representative		Signature:		Date:	
Safety Representative from C	M	Signature:		Date:	
Certified Operator(s)		Signature(s):		Date:	
Qualified rigger(s)		Signature(s):		Date:	
Qualified Signalperson(s)	Operation of the state of the s	Signature(s):		Date:	
Contractor Assembly/Disas he safe execution of the lift vill comply with applicable	(S). CO	intractor Assembly	//Disassembly Dire	ctor and equin	npleteness of this lift plan and ment Operator will verify lift



## **Crane USE PERMIT**

A crane use permit is required for *each and every time* a crane is setup and operated. A signed off lift plan is required before a crane use permit can be issued. No Lifting or extension of outriggers can be done until all sections of the crane permit have been signed off.

Date: 01-09-2020		ime of Crane Use: Start Complete 01-14-2020									
Pick Location: NJIT Memorial Ha											
Pick Location ( nearest buildings Building					Gilbane Representative for Pick:						
Contractor/ Rigging Company: Je	hn Bi	iasini			Emergency Phone No: <b>(609) 947-6756</b>						
Lead Rigger/Competent Person:					Eme	rger	ncy Phon	ne No	0:		
Crane Company: Aetna Roofing Corporation											
Crane Operator: See Attached				Licer	nse #: 9	See	Attache	ed	E	Expiration Date: See Attached	
Make Manitex (2018)		Model 50128S					pacity <b>Ton</b>		S/N 2561	49	
Boom Length Jib Us 128 ft	ed? <u>N</u>	O If so, length?								Offset, if Used	
2. Load Characteristics (From L Description of Maximum Load: Roofing M Total Gross load from Lift plan (max Load	laterial	s, Equipment, and I	Debi			_)	Dimension	ons of	f Max L	Load: 4' x 4' x 4'	
Max Pick Radius: 60 ft		Crane Capacity at	Max	radius	s: 8,050 % Total Gross Load / Crane capacity: 40.3%						
3. Operator to Verify the Follow	ina										
All Required OSHA Paperwork,     Licenses and Certifications been completed and available in Cab	×	Daily Inspection mpleted and in Cab			☐ Lift Plan Reviewed and ☐ Crane Configuration opy in cab Plan				Crane Configuration in Compliance with Lift		
☑ Outriggers Extended per Lift plan and		Dunnage Installed (I			excessive for				Operator has confirmed that Winds not ssive for Picks		
☑ Operator has reviewed Overhead has			X		perator has reviewed underground hazards						
Operator will measure and confirm m	ax pick	radius without load	×	Ope	rator will	con	firm total C	Gross	Load v	weight prior to reaching max radius	
4. Contractor/Rigger to Verify				***************************************					***************************************		
☐ Slings and Rigging ☐ Tagling Inspected ☐ ☐ De Used	es to	Swing Radius Barricaded, secure	1		☑ Lift Plan and Crane Permit Reviewed with Erection/Demolition Crew						
☑ Traffic Control Plan in Place				×	Signals System In Place						
			C:	gnat	uroo						
Crane Operator	The second section of the second section		<u> </u>	-	ntracto	r/R	iaaer				
Date and Time	Wilder and a second and a paper.			Dat	te and	Tin	ne:				
Contractor/Rigger and Operator ar complete the lift(s) in accordance	e the c	competent person SHA and ANSI sta	is a and	nd ar ards.	e solel	y re	sponsibl	le for	the s	afe execution of the lift(s) and will	
Construction Management (CM)	Repre	esentative		Dat	te & Ti	me					
This Permit is issued	to the	above competer	nt pe	erson	s for t	he r	erforma	nce	of the	above planned lift(s)	



#### 2

## **Crane LIFT PLAN**

This plan should be based on "worst case" combination of load weight and lift radius for a specific crane configuration in the location as indicated on the Lift Plan. The Lift Plan may be valid for more than one day, as long as the configuration, location, maximum expected load and maximum expected radius do *not* change from the Lift Plan as submitted. Every crane setup and operation must be covered by the Lift Plan as submitted. A Crane Use Permit is also required for each crane set up location prior to lifting.

Date Submitted: 01-09-2020	Proposed Date(s) For Lift Start: 01-14-2020 Complete: 01-14-2020
Contractor/ Rigging Company: Aetna Roofing Corp	Emergency Phone Number: John Biasini 609-947-6756
Crane Company: Aetna Roofing Corp	Emergency Phone Number: John Biasini 609-947-6756
Project: NJIT Memorial Hall Roof Replacement	Lift Location/Nearest Building(s): 149 Warren Street, Newark NJ
Description of Lifting Work to be done  Lift to roof and remove from roof equipment, ro	
Description of Lifting Scope: number of days 1	Number of items to be picked: Numerous
1 Crane Information	

1. Crane Information						
Make Manitex (Aetna Unit C92- 2018)	Model 50128S			Capacity (tons) 50 Tons		
Crane's Total Boom Length for this	Jib Used?	No	1	ngth	Offset, if Used	
Configuration ( Boom only) 128 ft			N/A	A	N/A	
Will outriggers be fully extended? <u>YES_</u> If not, please explain setting:						
Will the Lift be based on 360° crane us	e and chart? <u>Y</u>	ES_If not, ple	ase expla	in:		
Maximum Boom Length Required 128	Maximum Pick Radius Required 60 ft					
Is FAA or Airport Notification Required? No						
Owner or local regulatory agency notific	cation required?	No				

Description of Max Load: 2300 lbs -	Insulation cover board		- Indiana - Indi
Dimensions of Max Load . 4' x 4' x	4'		Provide sketch
Weight of Max Load 2300	How was this determined?	MFG Sheet	Please attach calculations.
What is the maximum safe wind spee	ed allowed for the picks covered ur	der this lift plan?	25 MPH
Will the load be unbalanced? NO			

Rigging Information:	
st Rigging Components Please be specific – number, type, softeners, size, length, lift beam, capacity, etc.	
orst Case Weight of Line, Block , and All Rigging: 245 lbs	TO THE STATE OF TH

a. Weight of Max Load	2,300 lbs
b. Weight of Rigging:	120 lbs
c. Added weight for factor of safety (minimum 20% of line a for uncertified weight)	Other: Block = 327 lbs, Stowed Jib = 370 lbs, Hoist Line = 128 lbs
Total Gross Load:	3,245 lbs



E Cross Legation/Classes					
5. Crane Location/Clearances  a. Has contractor developed a plan to control and protect vehicular and pedestrian traffic? YES Please submit — see attached.					
attached b. Will a full road blockage or partial road blockage be required? No					
c. Will load be placed on permanent facilities such as e staged in parking lot	existing roof or landscaping at any time during pick? Materials will be				
d. Has Contractor developed a to scale plot plan showing crane location, adjacent structures, roadways, underground Utilities, etc. within swing radius? YES Please submit showing direction of swing - see attached					
e. Has Contractor completed a to-scale elevation sketch or drawing depicting crane, adjacent structures, and load? Yes Please submit. See map attached					
f. Has Contractor surveyed the area for overhead pow	ver lines and other hazards? Yes				
g. Has Digsafe or Underground Utility Locator service	marked area beneath crane set up? NO				
h. Have ground conditions adequate to support all load	ds been verified? Yes				
<ul> <li>Will load or any part of crane/rigging be within 20 fee assembly/disassembly or hoisting? No</li> </ul>	et of energized power lines or any process system at any time during				
6 Currency Willard Co., 61 14 C.					
6. Summary "Worst Case " Lift Scenario a. Max Pick Radius   b. Total Gross Load   c. (	Crean Chart Conneits & Mary 1 20 CO				
	Crane Chart Capacity @ Max d. % of Crane Capacity				
0,210 100	(IIIIe 6b/ 6c) 40%				
7. Contractor Assembly/Disassembly Director to Ver	rify the Following				
☐ Crane Operators Certified and ☐ Daily, Monthly,	☐ Lift Plan Reviewed and ☐ Crane Configuration in Compliance with				
Riggers, Signal persons qualified and Annual Inspections	copy in cab Lift Plan and manufacturers requirements				
documentation provided current and availab					
to Operator in cab					
Outriggers Extended per Lift plan and Proper pad supports Instal					
□ Overhead hazards reviewed	excessive for Picks/per mfr req'ts  Ground conditions adequate for superimposed loads/verified w/controlling entity				
☐ Slings and Rigging ☐ Taglines to ☐ Swing Radius ☐ Lift Plan and Crane Permit Reviewed with Erection/Demolition Crew Inspected be Used Barricaded, secure					
□ Traffic Control Plan in Place	□ Signals System In Place				
☐ Measure and confirm max pick radius without load	☐ Confirm total Gross Load weight prior to reaching max radius				
☐ Work area controlled- fall zone restricted	☐ Power lines deenergized/ 20 ft distance maintained				
□ Safety devices functioning	□ Operational aids functioning				
□ Fall protection equipment/methods in place □ Crew trained on hazards/safe work plan?					
8. Certified/Qualified personnel (documentation mus	st be provided)				
☐ Operators ☐ Riggers	□ Signalpersons				
See attached list of all Aetna Crane Operators  See attached list of all Aetna Riggers  See attached list of all Aetna Riggers  See attached list of all Aetna Riggers  Designated spotters - Will be from list of Aetna riggers and signalers					
☐ Equipment/rigging Inspectors :  See attached list of Aetna Crane Operators  ☐ Designated spotters — Will be from list of Aetna riggers and signalers					
9. Documentation Provided (all must be provided):					
	ght Calculations   Rigging List/Sketch   Appropriate Crane Charts  Wax Load				
	derground conditions reports				
10. Safety work plans (all must be provided):					
☐ Fall protection Plan ☐ Work around power lines ☐ Assembly/disassembly Plan ☐ Work area control Yes					
N/A N/A N/A □ Traffic Control Plan – see attached □ Joh	N/A N/Activity Hazard Analysis for all other related activities				



☐ Foundation per mfr reg'ts or ☐ C	ollars/struts per mfr	☐ Attachment to	building/structu	re ner PE?	N/A
	eq'ts? YEs	- Augustion to	o ballan 1970 il dota	re per i L:	11//
12. Critical Lift		*****		Yes	No
Will crane(s) need to "travel" with loads?				163	X
Will pick require more than one crane?					X
s total gross load more than 75% of rate	ed canacity of crane at	the may radius?			X
s total gross load more than 75% of rated capacity of crane at the max radius? s total gross load more that 50% of rated capacity AND lifting over existing facilities?					X
Will lift/carry personnel?	d dapadity 7111D inting	over existing racinite	<b>5</b> :		X
are multiple cranes/derricks to be used for the lift?				X	
s pick item weighing over 10,000 pounds being up ended (horizontal/vertical)?				$+\hat{x}$	
f the answer to any of the above is ye	es then this is a critic	al lift which will rec	legoitible equir	informatio	n bolow on
must be signed off by contractor's lic	ensed professional e	naineer unless oth	annica waived b	mormano	iduolo who
sign below.	choca professional e	ngmeer umess our	ici wise waiveu L	Jy all lilulv	iduais who
	not requiredX				
Detailed description of item to be lifted -					
betailed description of item to be lifted -	use separate sneet(s)	as necessary			
Man to the state of the state o					
_ift to roof and remove from roof equipm	ent, roofing materials,	and debris.			
·**					
List hoisting equipment to be used. Inclu	de inspection tag num	ber and date			***************************************
List hoisting equipment to be used. Inclu	de inspection tag num	ber and date	The second considerate and an arrangement and a second second second second second second second second second		***************************************
List hoisting equipment to be used. Inclu	de inspection tag num	ber and date			
List hoisting equipment to be used. Inclu	de inspection tag num	ber and date			
List hoisting equipment to be used. Inclu	de inspection tag num	ber and date			
	de inspection tag num	ber and date			
Equipment/Lift relationship	de inspection tag num	ber and date	Lift Unit 2		
Equipment/Lift relationship Operating radius		ber and date	Lift Unit 2		
Equipment/Lift relationship Operating radius Boom length	Lift Unit 1	ber and date	Lift Unit 2		
Equipment/Lift relationship Operating radius Boom length Allowable load (from Load chart)	Lift Unit 1 128 ft 3,245 lbs	ber and date	Lift Unit 2		
Equipment/Lift relationship Operating radius Boom length Allowable load (from Load chart) Ratio Lift/Allowable load	Lift Unit 1 128 ft 3,245 lbs 40.3%	ber and date	Lift Unit 2		
Equipment/Lift relationship Operating radius Boom length Allowable load (from Load chart) Ratio Lift/Allowable load Clearance between boom & Lift	Lift Unit 1 128 ft 3,245 lbs 40.3% Varies	ber and date	Lift Unit 2		
Equipment/Lift relationship Operating radius Boom length Allowable load (from Load chart) Ratio Lift/Allowable load Clearance between boom & Lift Clearance to surroundings	Lift Unit 1 128 ft 3,245 lbs 40.3%	ber and date	Lift Unit 2		
Equipment/Lift relationship Operating radius Boom length Allowable load (from Load chart) Ratio Lift/Allowable load Clearance between boom & Lift Clearance to surroundings Weight of Critical Lift (use A, B or C)	Lift Unit 1 128 ft 3,245 lbs 40.3% Varies 30 ft	ber and date	Lift Unit 2		
Equipment/Lift relationship Operating radius Boom length Allowable load (from Load chart) Ratio Lift/Allowable load Clearance between boom & Lift Clearance to surroundings Weight of Critical Lift (use A, B or C) A. Certified Scale weight (attach ticket)	Lift Unit 1 128 ft 3,245 lbs 40.3% Varies 30 ft	ber and date			
Equipment/Lift relationship Operating radius Boom length Allowable load (from Load chart) Ratio Lift/Allowable load Clearance between boom & Lift Clearance to surroundings Weight of Critical Lift (use A, B or C) A. Certified Scale weight (attach ticket) B. Calculated independently by more	Lift Unit 1 128 ft 3,245 lbs 40.3% Varies 30 ft  lbs. Source Name:	ber and date	Ik	os.	
Equipment/Lift relationship Operating radius Boom length Allowable load (from Load chart) Ratio Lift/Allowable load Clearance between boom & Lift Clearance to surroundings Weight of Critical Lift (use A, B or C) A. Certified Scale weight (attach ticket) B. Calculated independently by more than one source	Lift Unit 1 128 ft 3,245 lbs 40.3% Varies 30 ft	ber and date	Ik	os. os	
Equipment/Lift relationship Operating radius Boom length Allowable load (from Load chart) Ratio Lift/Allowable load Clearance between boom & Lift Clearance to surroundings Weight of Critical Lift (use A, B or C) A. Certified Scale weight (attach ticket) B. Calculated independently by more than one source Pre-Lift Inspections	Lift Unit 1 128 ft 3,245 lbs 40.3% Varies 30 ft  lbs. Source Name:		lk lk		
Equipment/Lift relationship Derating radius Boom length Allowable load (from Load chart) Ratio Lift/Allowable load Clearance between boom & Lift Clearance to surroundings Weight of Critical Lift (use A, B or C) A. Certified Scale weight (attach ticket) B. Calculated independently by more than one source Pre-Lift Inspections Hoisting equipment	Lift Unit 1 128 ft 3,245 lbs 40.3% Varies 30 ft  lbs. Source Name: Source Name:	□ Ground bearin	Ik Ik	OS .	
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Signatures						
Crane Company Qualified	Sign	ature:	Contractor/Rigger		Signature:	
Person			Assembly/Disasse	mbly	o.g. acaro.	
	Date	:	Director	,	Date:	
Contractor Assembly/Disassembly Director is solely responsible for accuracy and completeness of this lift plan an						
the safe execution of the lift (s). Contractor Assembly/Disassembly Director and equipment Operator will verify lift will comply with applicable OSHA and ANSI Standards and manufacturer requirements.						
Construction Manager (CM)		Signature:		Date:		
Representative						
		O. C.				
0-1-1-0						
Safety Representative from CM		Signature:		Date:		
Contified Operator(a)		0:		<u> </u>		
Certified Operator(s)		Signature(s):		Date:		
Qualified rigger(s)		Signature(s):		Date:		
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Qualified Signalperson(s)		Signature(s):		Date:		
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Contractor Assembly/Disassembly Director is solely responsible for accuracy and completeness of this lift plan and the safe execution of the lift (s). Contractor Assembly/Disassembly Director and equipment Operator will verify lift						
will comply with applicable OSHA and ANSI Standards and manufacturer requirements.						
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The Gilbane review is only to acknowledge the receipt of the Contractor/ Rigger and Crane Company's lift plan						