



CONSTRUCTION ALERT

Date: July 19, 2021

What: Johnson Student Center Roof Duct Repair

When: 07/21/21 THROUGH 7/23/21

Where: Santa Ana College – Johnson Student Center

Work Hours: 07/21/21 THROUGH 7/23/21 AT 6:00AM – 3:00PM

Activities:

On July 21-23, 2021, the construction team will complete ductwork detailing activities on the roof of the building. The contractor will use a crane on July 21, 2021, from 6:00 AM to 9:00 AM to hoist materials. The crane area will delineated with safety caution tape and cones. Please use caution and avoid the crane setup area. The remainder of the time will be used for the installation of ductwork details. There will be minimal construction foot traffic inside the building to access the roof. The work will not impact any of the department operations and HVAC will be operational.

Kindly refer to the attached work plan for more details on the crane location and schedule.

If you have any concerns or questions, please contact Alanna Ocson at (562) 481-1515 or via e-mail at aocson@linikcorp.com.

Attachments: JSC Work Plan

Work Plan for Johnson Student Center

Scope: Hoisting and installation of sheet metal over roof ducts to provide slope for watershed.

Location: Roof and South roundabout of Jobsite. Crane pick will require footprint per below diagram.

Date: 7/21/21

- Crane arrives at the campus at 6:00am
- Two flagmen will escort & secure the crane at the set up location
- Crane set up time is 30 minutes
- Crane will hoist four pallets of sheet metal material to the roof of JSC
- Crane breakdown time is 30 minutes
- Two flagmen will escort the crane off campus
- Total time on site approximately 3 hours, 9am +-

Crane

Manitex 40124SHL
123.5' Main Boom at 47.8°
31' Fixed Jib (0° offset)
Base: 100% Outriggers (22')
Counterweight: Full
100' Lift Radius (360°)
Crane Capacity at 100' = 1,720 lbs

Load

Hoist Line 40 lbs
Block 232 lbs
Hook
Sling (4) 16 lbs
Shackle (4) 4 lbs

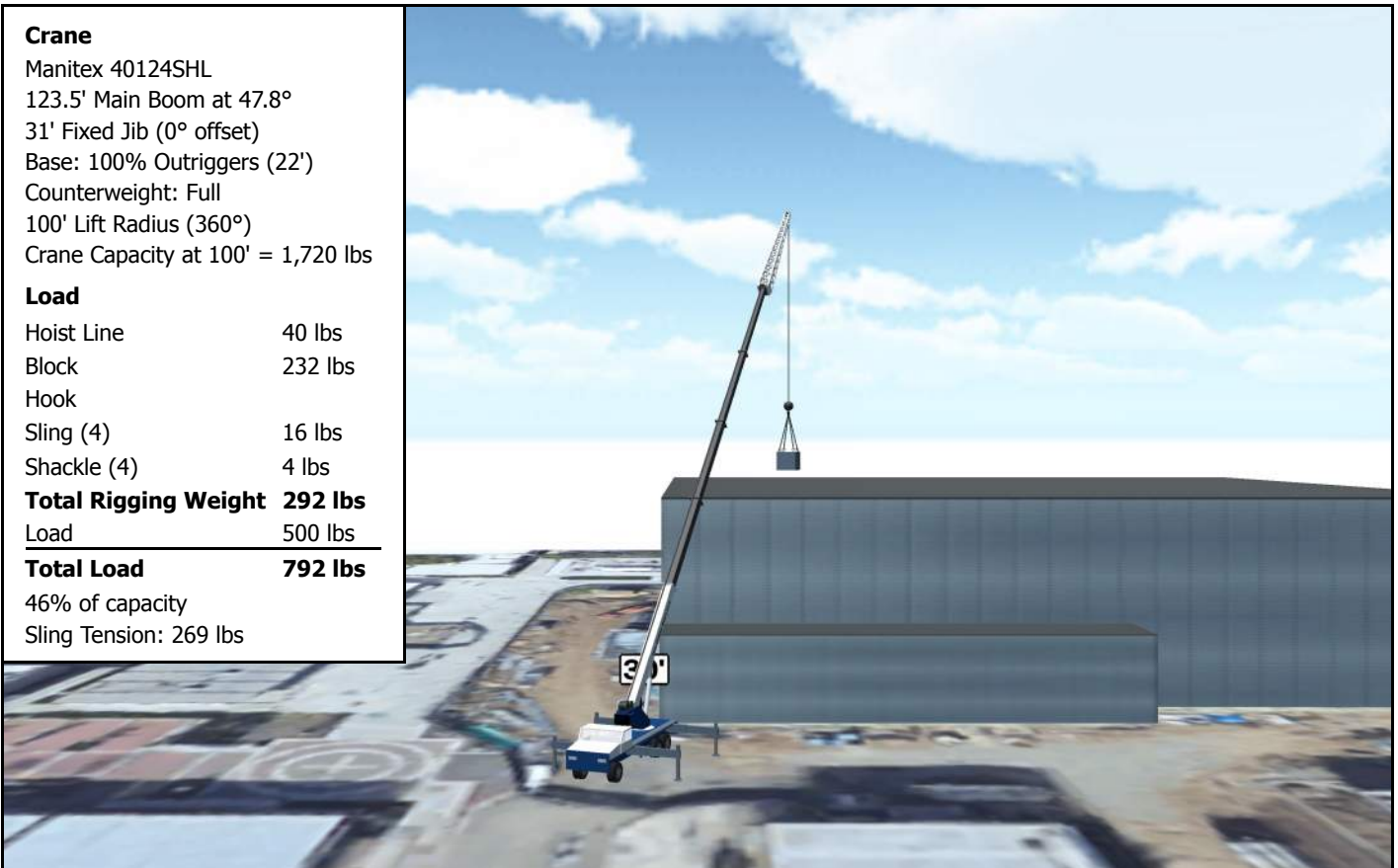
Total Rigging Weight 292 lbs

Load 500 lbs

Total Load 792 lbs

46% of capacity

Sling Tension: 269 lbs

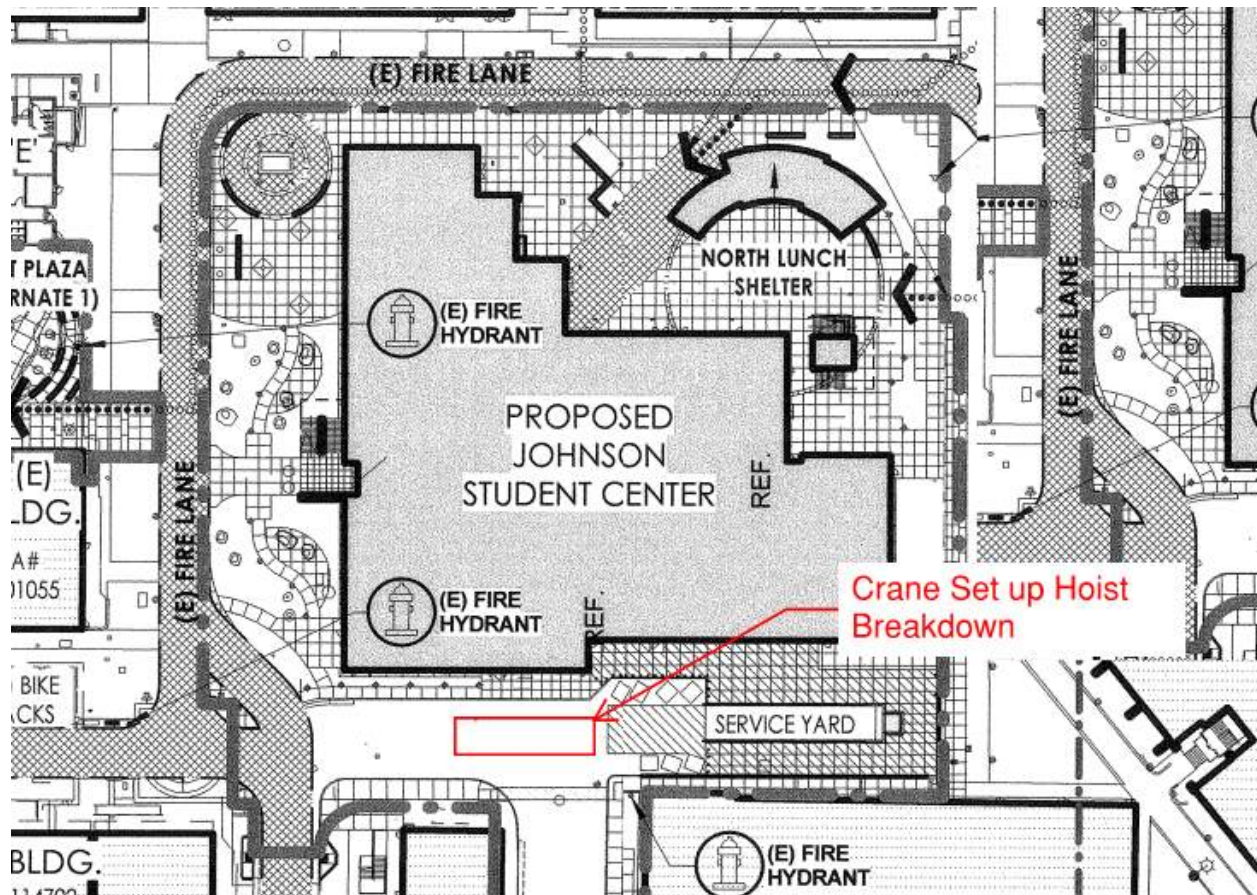


Not issued for construction. For pre-planning only.

We will be lifting units on to the roof that weigh 500 lbs. We will be using 123' of boom at a 47 degree angle. We will also be using a 31' jib at a 0 degree angle. At our set point our radius will be 100'. The crane will be at 46% capacity.



Title	Lift Plan
Project	Johnson Student Center
Customer	Couts Heating & Cooling, Inc
Description	1530 W 17th St Santa Ana, CA 92706
Drawn By	Brenda Ramirez 7/14/2021



- After hoisting of sheet metal to roof level is complete, Couets will begin to install sloped sheet metal over roof ducts until the day ends. 8 hour work day

Date: 7/22/21

- Start time will be 7:00am
- 4 Installers, 8 hours each
- Couets will continue to install sloped sheet metal over ducts at roof level

Date: 7/23/21

- Start time will be 7:00am
- 4 Installers, 8 hours each
- Couets will continue and complete install sloped sheet metal over ducts at roof level