

CONCRETE BUSTERS OF LOUISIANA, INC.

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OCHSNER HOSPITAL

FORMER A&P WAREHOUSE REMOVAL OF EXISTING STANDING SOUTH ROOF SECTION AND COLLAPSED ROOF SECTION SITE SPECIFIC DEMOLITION PLAN

II) **Cabling of Existing Standing Roof Section:**

- 1) Three (3) 60,000 lb. to 70,000 lb. Excavators will be mobilized to the site. The Excavators will be placed on the east side of the existing structure (opposite side of the existing lean) between column lines 38 to 43. A 1¼" dia. steel cable will be attached to the under carriage of each machine and attached to the horizontal beam at column line G. The Excavators will be placed in a manner to enable tensioning of the cables.

II) **Beginning Removal of the Existing Standing Roof:**


- 1) Removal of the concrete roof panels located atop the existing canopy on the west side of the building will be the first items removed. This will be accomplished by using a telescoping forklift with a reach of 54 ft. This will allow the forklift and operator to always maintain a safe working distance. The fork lift will remove the existing concrete roof panels one by one reaching up from the ground to the roof elevation. After all concrete roof panels are removed from the existing canopy the steel structure supporting the roof panels will remain in place. The section of the existing canopy to be removed begins at the collapsed section and ends at the two story structure.
- 2) A portion of the collapsed roof will then be removed to provide an adequate amount of working space to facilitate removal of the existing South Standing Roof. The pre-cast concrete roof panels will be removed from east to west starting at the outside beam (column line G) and proceeding to the next column line (column line H). This will be accomplished by using a Gehl Forklift Model No.RS6-34 telescoping forklift weighing 15,100 lb's. It will be outfitted with a shop built pole system enabling lifting of the roof panels without touching the existing barjoist. The panels will be lifted from the underside on one end and allowed to drop to the floor below. The panels will be lifted with the existing roof membrane on top. As the roof membrane increases in length it will be removed as necessary. The fallen roof panels will be drug from under the roof by the telescoping forklift to prevent

accumulation. Upon completion of the removal of the first row of concrete roof panels within the first bay the existing exposed steel bar joist will be supported by two forklifts one on each end and then flame cut free from the horizontal beams at each end. The torch operator will be performing all cutting from a boom lift with an adequate reach to maintain a safe working distance. Upon completion of the removal of the first barjoist the process will be repeated on the next row of pre-cast concrete panels and barjoists within the first bay column line 37 to 38. After removal of approximately two barjoists within a given bay a forklift will be placed under the exposed beam on the eastside of the bay to guard against collapse of the beam. When an entire bay of roof panels and barjoists has been removed the horizontal support beam atop the pipe column on the eastside will then be removed from that bay. The progression of the removal will continue one bay at a time from east to west as described above. This process will continue until all of the existing roof system has been removed up to the two story structure.

III) Removal of the Collapsed Roof:

- 1) Upon completion of the removal of the South Standing Roof the remainder of the collapsed roof section will be removed from the concrete floor slab. The various roof materials will be segregated and sent to either an approved landfill or recycler. The removal of the collapsed roof section will be accomplished using the same Gehl Forklifts, Model No. RS6-34. The load out of the various roof materials will be done from the existing parking lot.

Authorized Signature


Concrete Busters of Louisiana, Inc.
Tiger Roussell

11-22-2011

Date