CCB Walls Going Up

(ON CAMERA, THEN TAKE VIDEO)

Hi, and welcome to Marathon News for the Galveston Bay Refinery.

I’m Neeka Marshall.

The walls of the new Central Control Building begin going up this week.

There will be a total of 81 concrete walls around the CCB’s perimeter.

About half of them have been poured.

Many of them are stacked three-deep… with a bond-breaking chemical sprayed between them so the walls can separate when it’s time to lift them.

The process is the same one used to build the ESB years ago.

The walls are engineered with special rigging in each one.

They’re lifted and tilted until they’re almost upright.

Then they’re walked into place.

(TAKE SOUNDBITE FROM Tommy Perthuis, CCB Construction Manager, FROM INTERVIEW TAPED ON 07-29-13)

2:31-3:00

These walls, along with the special rigging that’s put on them to help lift them up, have special structural embeds, support kickers. So as the wall starts to tilt up like this (gestures) these kickers will come down over here and they’ll actually anchor down to the existing slab and that supports the walls until we get the actual structural steel tied in.

00:57-1:07

These walls are up to 58 feet tall, they’re 12 inches thick concrete, they’re up to 12 feet wide and weigh as much as 46 tons each.

1:25-1:49

We have a lift plan that we’ve established for all these walls and the lift plan was started well over a year ago. It’s been vetted thru Jacobs engineering, empire steel is the company that’s doing the work for us, and our heavy equipment group has also reviewed the lift plans.

(VOICEOVER CONTINUES)

Lifting of the walls should be completed in early September.

The structural steel tie-ins will begin in a couple of weeks and wrap up in mid-September.

(TAKE SOUNDBITE FROM Tommy Perthuis)

5:09-5:14

Just kind of keep an eye out. The horizon’s going to start changing here real quickly at the central control building.

(VOICEOVER CONTINUES)

The CCB is designed to reduce risks and improve communications and work processes for the central board operators, and other employees who will office there.

Move-ins are planned for 2014.

(WIPE TO NEXT STORY)