

Project:	International Marine Terminal
Location:	Portland, Maine
Becker Job No:	2402.01

OBSERVATION REPORT

Cast in Place Concrete

Date:	10-12-11
Time:	8:20 AM & 10:00 AM
Temp:	60 F
Weather:	Cloudy

Observation Location: FOLLOW-UP VISIT - Office Bldg - Foundation Walls: east end (entry 115 - mechanical 120)

	Satisfactory	Un-Satisfactory	Not Completed	Not Applicable	Comments
Reinforcement Size	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below
Condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Placement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below
Embed/Anchors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below
Lap Splices	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below
Hot Weather	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cold Weather	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Bond Beams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Items	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Below
Additional Items	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Notes:

Follow-up visit from 10-3-11. Met with Superintendent (HCC) and discussed the following:

- Bottom bars observed to be placed too high. Advised GC this would be acceptable, but to install additional set of lower bars in both construction joints to shift bars down in next placement.
- Wall intersection bars at SE wall not in accordance with typical detail and lacking sufficient cover.
- Corner bar missing south corner.
- At two rectangular electrical bondouts SW wall: insufficient cover on bottom bars and supplemental reinforcement per typical detail not in place.
- Top bars too low at all exterior slab frost walls. Advised GC to pick up approximately 1'.
- Corner bars missing at SW corner.
- Top bars below door bondouts too low, all locations.
- Vertical L bars at SW door bondout placed in incorrect location, requires reinstallation and installation of top horizontal bars.

Intent was to place concrete at 10:00. Revisited the site and corrective work in progress. Testing agency on site. Observed form oil nozzle being set up and confirmed intent was to coat all forms with rebar in place and that it could not be done without coating reinforcement. Advised superintendent that proceeding with oil on the reinforcement was out of compliance with specifications (033000-3.06.A) and proceeding at own risk. Superintendent cancelled the placement. Reinspection to occur prior to placement.

Signed: Dan S. Burne, P.E.