

|                       |               |
|-----------------------|---------------|
| <b>Project:</b>       | Park Danforth |
| <b>Location:</b>      | Portland, ME  |
| <b>Becker Job No:</b> | 3422          |

**OBSERVATION REPORT**

Cast in Place Concrete

|                 |                     |
|-----------------|---------------------|
| <b>Date:</b>    | 12-16-15            |
| <b>Time:</b>    | 10:30 AM - 12:00 PM |
| <b>Temp:</b>    | 50° F - 55° F       |
| <b>Weather:</b> | Clear               |

**Observation Location:**

Interior isolated footings C/4, C/4.5, D/4.5, G/7, and G.8/7.  
Anchor bolts from H6.5-D4.

Wall reinforcement for wall on 11 line from F-E, wall on E line from 11-10.5, wall on F line and adjacent mechanical wall parallel to 11 line F-E.

|                    | 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 type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | Cross ties for piers along 11 line were missing. Giles and PC were notified.   |
| Condition          | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |  |
| Placement          | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |  |
| Embed/Anchors      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | Anchors/shear key at C4 had not yet been installed and embed plates at knuckle (H&D intersection) were in the process of being installed at the time of the visit. |
| Lap Splices        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |  |
| Hot Weather        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |  |
| Cold Weather       | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input 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 type="checkbox"/> | <input type="checkbox"/>            |  |
| Additional Items   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |  |

**Notes:**

I was on site per contractor request to discuss miscellaneous questions and observe concrete footing reinforcement for general conformance with the contract documents.

At pier E11 there was a conflict between the pier and the W8x15 beam pocket on E line. Giles was directed by BSE to drop the top stirrups approximately 8" to be below the beam pocket instead of cutting the ties.

**Signed:** Alexander R. Wheelock, E.I.