

Project:	Park Danforth
Location:	Portland, ME
Becker Job No:	3422

OBSERVATION REPORT

Cast in Place Concrete

Date:	11-11-15
Time:	3:30 PM
Temp:	50F
Weather:	Rain

Observation Location: Footings E11-E7.5 and adjacent electrical room / terrace wall footings

	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 type="checkbox"/>	<input type="checkbox"/>	
Condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Placement	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Advised GC to rotate key dowels in terrace retaining wall footing to avoid contact with soil
Embed/Anchors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Below
Additional Items	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Notes:

On site per contractor request to discuss misc. questions and discuss treatment of conduit below electrical room wall footings.

While on site, we observed that the wall dowels cast into the footing along H line (previously placed and inspected by others) were cast on the wrong face of the wall. The condition does require corrective measures, and we require that dowels be added at the inside wall face. Between each of the #4 dowels that are currently in place at the inside wall face, we require that (2) #5 dowels be placed at 16" o.c., resulting in a dowel present at 16" o.c. for the length of H line. #5 dowels are to be epoxied with Hilti HIT-HY 200 adhesive and embedded 6" into the footing. Lap length above the footing shall match the lap length schedule. Spacing of new dowels is a minimum and may be decreased if advantageous to align with vertical bars.

For treatment of the conduit below the electrical room walls, the geotechnical engineer has approved placement of flowable fill to the underside of footing elevation.

Signed: Dan S. Burne, P.E.