

## Concrete Construction Observation Report

<b>Project Name/Location:</b>	Marriott Courtyard	<b>Project No:</b>	08-0494.2
<b>Client/Client's Rep.:</b>	JB Brown & Sons	<b>Date:</b>	4-3-13
<b>Concrete Contractor:</b>	Newman Concrete Services	<b>Sheet:</b>	1 of 1
<b>Placement Location:</b>	Footing: Line F, 3.3 to 4, Line 4, C.5 to F	<b>SWCE Rep.:</b>	VTerrell
<b>Placement Type:</b>	Footing <input checked="" type="checkbox"/> Wall <input type="checkbox"/> Column <input type="checkbox"/> Slab <input type="checkbox"/> Other <input type="checkbox"/>	<b>Arrived at Site:</b>	11:30am
		<b>Left Site:</b>	2:00pm

<u>PRE PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>	<u>N/O</u>	<u>Comments</u>
Bar Size (diameter, length, bend and anchorage)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	See notes
Location (# of bars, spacing, and cover)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	As required
Splicing (weld joint, overlap)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	Acceptable
Stability (wiring, chairs, and spacers)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	As required
Reinforcement free from mud, oil, rust, or other nonmetallic coatings	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	
Reinforcement appears in conformance to specifications	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	See notes
Soil subgrade prepared in accordance with project specifications	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	As required

<u>Referenced Drawings</u>	<u>Date</u>	<u>Page</u>	<u>Rev.</u>	<u>ASTM</u>	<u>GRADE</u>
JSN Structural Plan		S1-S4		A 615 <input checked="" type="checkbox"/>	40 <input type="checkbox"/> 50 <input type="checkbox"/> 60 <input checked="" type="checkbox"/>
Rebars and Mesh		R-1 to R-5		A 616 <input type="checkbox"/> A 617 <input type="checkbox"/> A 706 <input type="checkbox"/>	75 <input type="checkbox"/>  A 775 Epoxy <input type="checkbox"/>

<u>CONCRETE PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>	<u>N/O</u>	<u>Comments</u>
Required mix used	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	3000psi
Placement and consolidation of concrete observed	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	
Concrete properly conveyed to all areas of placement	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	
Depth of layer maximum limits not exceeded	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input checked="" type="checkbox"/>	footing
Internal vibration (depth of insertion, spacing, time, vertical insertion, no conveyance of concrete by vibration)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/>	vibrated
Even layering around openings and embedments	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input checked="" type="checkbox"/>	n/a
Removal of temporary ties and spacers	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input checked="" type="checkbox"/>	n/a

**FIELD TESTING OF CONCRETE PERFORMED**      Yes  No

**\*CYLINDER SET NO:**      449-2      ← \*refer to associated concrete test report

<u>POST PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>	<u>N/O</u>	<u>Comments</u>
Specified finish	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input checked="" type="checkbox"/>	
Protection of surfaces from cracking due to rapid drying	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input checked="" type="checkbox"/>	
Proper curing procedures implemented	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input checked="" type="checkbox"/>	

**NON-CONFORMANCE ITEMS OBSERVED**      Yes  No

Non-Conformance Item Description: \_\_\_\_\_

Action Taken by SWCE: \_\_\_\_\_

Person(s) Notified: \_\_\_\_\_

N/O = Not Observed

**Notes:** Opechee Construction provided SWCE with a revised structural plan, and Rebars and Mesh shop drawing on 4/1/13 as discussed. SWCE observed #6's at pier F-3.4 where #8's required. SWCE advised Opechee and Newman of this observation. Newman Conc. replaced #6's with #8's as required per detail P-4A on S-4 of structural plan and detail P4A1 on R-4 of Rebars and Mesh shop drawing.





