

| | | | |
|-------------------------------|--|-------------------------|------------|
| Project Name/Location: | Marriott Courtyard | Project No: | 08-0494.2 |
| Client/Client's Rep.: | JB Brown & Sons | Date: | 4-11-13 |
| Concrete Contractor: | Newman Concrete Services | Sheet: | 1 of 1 |
| Placement Location: | Walls: Line F, 2 to 3. Line 2, F to K. Line K, 2 to 4.3. Line 4.3 to 4.7, K to L. | SWCE Rep.: | V. Terrell |
| Placement Type: | Footing <input type="checkbox"/> Wall <input checked="" type="checkbox"/> Column <input type="checkbox"/> Slab <input type="checkbox"/> Other <input type="checkbox"/> | Arrived at Site: | 11:00 am |
| | | Left Site: | 2:30pm |

| <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 type="checkbox"/> | No <input checked="" type="checkbox"/> | <input type="checkbox"/> | See notes |
| Location (# of bars, spacing, and cover) | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | <input type="checkbox"/> | See notes |
| Splicing (weld joint, overlap) | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | <input type="checkbox"/> | |
| 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 type="checkbox"/> | No <input checked="" 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 type="checkbox"/> | No <input type="checkbox"/> | <input type="checkbox"/> | Postponed to 4/12/13 |
| Placement and consolidation of concrete observed | Yes <input type="checkbox"/> | No <input type="checkbox"/> | <input type="checkbox"/> | |
| Concrete properly conveyed to all areas of placement | Yes <input 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 type="checkbox"/> | |
| Internal vibration (depth of insertion, spacing, time, vertical insertion, no conveyance of concrete by vibration) | Yes <input type="checkbox"/> | No <input type="checkbox"/> | <input type="checkbox"/> | |
| Even layering around openings and embedments | Yes <input type="checkbox"/> | No <input type="checkbox"/> | <input type="checkbox"/> | |
| Removal of temporary ties and spacers | Yes <input type="checkbox"/> | No <input type="checkbox"/> | <input type="checkbox"/> | |

FIELD TESTING OF CONCRETE PERFORMED Yes No

***CYLINDER SET NO:** ←*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: | Plan discrepancies between structural plan and rebar shop drawings. |
| Action Taken by SWCE: | SWCE advised Newman, Opechee, and M2SE |
| Person(s) Notified: | Opechee Const.(Dave), Newman Conc.(Shannon & Mike), M2SE (Matt) |

Notes:

SWCE onsite as scheduled by Opechee Const. and observed the following non-conformance items/plan discrepancies: Newman Concrete installed #3 ties at piers 2 & H, piers K & 3, pier K & 3.3 per rebar shop drawing. #4 ties were required at these locations per structural plan. SWCE advised Opechee and Newman there is no detail on structural plan that shows how #5 top rebar should be installed in order to meet the "continuous" requirement as the top of wall elevation changes and the brick shelf drop changes length at line 2, as well as wall line K. SWCE observed #4's installed at 48" O.C. at diagonal wall line K to L, from 4.6 to 5.2. #5s were required at 18" O.C. at these locations per structural plan and rebar shop drawing. SWCE advised Opechee, Newman, and M2 Structural Eng. of observations. Opechee (Dave) contacted structural engineer for direction on how to proceed. SWCE (Evan Walker) asked for written confirmation from structural engineer once changes have been approved.

Attachments: None

Reviewed By: RED