

## 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>            | 5-6-13     |
| <b>Concrete Contractor:</b>   | Newman Concrete Services   | <b>Sheet:</b>           | 1 of 1     |
| <b>Placement Location:</b>    | Footing: line A, 8 to 4.6. line 8, A.7 to A.<br>Interior Spread footing: line 1 at G & K.  | <b>SWCE Rep.:</b>       | V. Terrell |
| <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> | 1:30pm     |
|                               |  | <b>Left Site:</b>       | 4:30pm     |

| <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 checked="" type="checkbox"/> | No <input type="checkbox"/> | <input type="checkbox"/> |                  |
| 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"/> | ¾" crushed stone |

| <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<br>R-5 |             | A 616 <input type="checkbox"/><br>A 617 <input type="checkbox"/><br>A 706 <input type="checkbox"/> | 75 <input type="checkbox"/><br><br>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 checked="" 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 checked="" type="checkbox"/> | No <input type="checkbox"/> | <input type="checkbox"/>            | vibrated        |
| Even layering around openings and embedments   | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | <input type="checkbox"/>            |                 |
| 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:**      449-10      ←\*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: \_\_\_\_\_

**Notes:**

Newman Concrete wet stuck the vertical wall dowels #4's @ 48" O.C. Newman Concrete installed "Z" bars, as well as "L" bars in order to meet requirement of (2) #5's continuously at steps in footing line A and line 8.

Attachments: Photos

Reviewed By: RED

