S.W.COLE ENGINEERING, INC.

Concrete Construction Observation Report

Project Name/Location:	Marriott Courtyard	**Project No:**	08-0494.2
Client/Client's Rep.:	JB Brown & Sons	**Date:**	4-12-13
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 ☐ Wall ☒ Column ☐ Slab ☐ Other ☐	**Arrived at Site:**	9:00am
		Left Site:	12:00pm

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

Referenced Drawings	**Date**	**Page**	**Rev.**	**ASTM**	**GRADE**
JSN Structural Plan		S1-S4		**A 615** ☒	**40** ☐ **50** ☐ **60** ☒
Rebars and Mesh		R-1 to R-5		**A 616** ☐ **A 617** ☐	**75** ☐
				A 706 ☐	**A 775 Epoxy** ☐

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

FIELD TESTING OF CONCRETE PERFORMED Yes ☒ No ☐

***CYLINDER SET NO:** 449-4 ←**refer to associated concrete test report*

POST PLACEMENT OBSERVATIONS	**In Compliance**		**N/O**	**Comments**
Specified finish	Yes ☐	No. ☐	☒	
Protection of surfaces from cracking due to rapid drying	Yes ☐	No. ☐	☒	
Proper curing procedures implemented	Yes ☐	No. ☐	☒	

NON-CONFORMANCE ITEMS OBSERVED Yes ☐ No ☒

Non-Conformance Item Description:

Action Taken by SWCE:

Person(s) Notified:

Notes:

Opechee and Newman provided SWCE an email detailing foundation changes approved by structural engineer. Newman Concrete installed (3) #3 bars at top of piers 2+H, K+3, and K+3.3 as required. Newman Concrete installed (2) #5's cont. horizontally at top of wall line 2 as required. Newman installed #5's horizontally cont. at top of wall, adjacent to brick shelf, along line K, where brick shelf depth greater than 8" as required. Newman Concrete identified a discrepancy on structural plan where detail P4B at line 8 & B.6 is listed as P4A2 on rebar shop drawing. Newman Concrete discussed discrepancy on structural plan with Opechee.

Attachments: Photos Reviewed By: RED


01/01/2009 00:00


01/01/2009 21:30


01/01/2009 00:00


01/01/2009 00:00


01/01/2009 22:08


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