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:**	5-1-13
Concrete Contractor:	Newman Concrete Services	**Sheet:**	1 of 1
Placement Location:	Footing: Elevator Pit. Interior Spread Footing: Line 6, E to I.8	**SWCE Rep.:**	V.Terrell
Placement Type:	Footing ☒ Wall ☐ Column ☐ Slab ☐ Other ☐	**Arrived at Site:**	1:00pm
		Left Site:	4:30pm

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 ☐	☐	¾" crushed stone

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:** 449-8 ←**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:

Newman Concrete installed #5's at 12" O.C. at elevator pit foundation as required per structural detail provided by Opechee Const.. SWCE observed (1) #7 missing EW at interior spread footing line 6 & I.8. SWCE advised Newman Concrete (10) #7's EW at bottom required per structural and rebar plan at interior spread footing line 6 & I.8. Newman Concrete installed the (1) #7 EW to meet requirement per structural and rebar plan. Rebar appeared to be installed as required.

Attachments: Photos Reviewed By: RED


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