

Concrete Construction Observation Report

Project Name/Location:	Marriott Courtyard		P	roject No:	08-0494.2
Client/Client's Rep.: JB Brown & Sons			D	ate:	3-29-13
Concrete Contractor:	Newman Concrete Services		Sheet:		1 of 1
	Footing: Line K, 2 to 4. Line 2.	F to K.			
Placement Location:	Footing: Line F, 2 to 3.3		SWCE Rep		VTerrell
Placement Type:	Footing 🛛 Wall 🗌 Column 🔲 Slab 🗌		ther Arrived at Site:		te: 10:00am
			Lo	eft Site:	2:00pm
PRE PLACEMENT OBSERVATIONS		In Com	pliance	N/O	Comments
Bar Size (diameter, length, bend and anchorage)		Yes ⊠	No 🗌		See notes
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		gs Yes 🛛	No 🗌		
Reinforcement appears in conformance to specifications		Yes ⊠	No 🗌		See notes
Soil subgrade prepared in acc	ordance with project specifications	Yes 🛚	No 🗌		As required
Referenced Drawings		Page	Rev.	ASTM	GRADE
JSN Structural Plan		S1-S4		A 615 🖂	40 🗌 50 🗌 60 🖂
Rebars and Mesh		R-1 to		A 616 🗌	75 🗌
		R-5		A 617 🗌	
				A 706	A 775 F., □
					A 775 Epoxy 🗌
CONCRETE PLAC	EMENT OBSERVATIONS	In Com	pliance	<u>N/O</u>	Comments
CONCRETE PLACE Required mix used	EMENT OBSERVATIONS	In Com Yes ⊠	No.		
Required mix used Placement and consolidation of	of concrete observed	Yes ⊠ Yes ⊠	No. No.		Comments
Required mix used Placement and consolidation of Concrete properly conveyed to	of concrete observed o all areas of placement	Yes ⊠ Yes ⊠ Yes ⊠	No.		Comments 3000psi
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits	of concrete observed o all areas of placement not exceeded	Yes ⊠ Yes ⊠ Yes ⊠ Yes □	No. No.		Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertical inserti	Yes ⊠ Yes ⊠ Yes ⊠ Yes □	No.		Comments 3000psi
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of ins	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertical insertivity	Yes Yes Yes Yes Yes Yes Yes On,	No.		Comments 3000psi footing
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of ins no conveyance of concrete by	of concrete observed of all areas of placement of not exceeded ertion, spacing, time, vertical insertical vibration) s and embedments	Yes \(\subseteq \) Yes \(\subseteq \) Yes \(\subseteq \) Yes \(\subseteq \) on, Yes \(\subseteq \)	No.		Comments 3000psi footing vibrated
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of ins no conveyance of concrete by Even layering around opening Removal of temporary ties and	of concrete observed of all areas of placement of not exceeded ertion, spacing, time, vertical insertical vibration) s and embedments	Yes Yes Yes Yes Yes Yes Yes Yes	No.		Comments 3000psi footing vibrated n/a
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of ins no conveyance of concrete by Even layering around opening Removal of temporary ties and	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertical insertivibration) s and embedments d spacers	Yes \(\)	No.		Comments 3000psi footing vibrated n/a n/a
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of ins no conveyance of concrete by Even layering around opening Removal of temporary ties and FIELD TESTING OF *CYLINDER SET NO: POST PLACEMER	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertical insertivibration) s and embedments d spacers	Yes ⊠ Yes ⊠ Yes ⊠ Yes □ On, Yes ⊠ Yes □ Yes □ Yes □ Yes □ Herefor	No. No No	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Comments 3000psi footing vibrated n/a n/a
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of ins no conveyance of concrete by Even layering around opening Removal of temporary ties and FIELD TESTING OF *CYLINDER SET NO: POST PLACEM Specified finish	of concrete observed of all areas of placement of not exceeded ertion, spacing, time, vertical insertivity vibration) s and embedments dispacers FCONCRETE PERFORMED 449-1 MENT OBSERVATIONS	Yes ⊠ Yes ⊠ Yes ⊠ Yes □	No.	ted concrete	Comments 3000psi footing vibrated n/a n/a e test report
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of ins no conveyance of concrete by Even layering around opening Removal of temporary ties and FIELD TESTING OF *CYLINDER SET NO: POST PLACEM Specified finish Protection of surfaces from craft	of concrete observed of all areas of placement of not exceeded ertion, spacing, time, vertical insertivibration) s and embedments dispacers FCONCRETE PERFORMED 449-1 MENT OBSERVATIONS acking due to rapid drying	Yes ⊠ Yes ⊠ Yes ⊠ Yes □	No. No.	ted concrete	Comments 3000psi footing vibrated n/a n/a e test report
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of ins no conveyance of concrete by Even layering around opening Removal of temporary ties and FIELD TESTING OF *CYLINDER SET NO: POST PLACEM Specified finish Protection of surfaces from cra Proper curing procedures imple	of concrete observed of all areas of placement of not exceeded ertion, spacing, time, vertical inserticy vibration) s and embedments d spacers CONCRETE PERFORMED 449-1 MENT OBSERVATIONS acking due to rapid drying emented	Yes ⊠ Yes ⊠ Yes ⊠ Yes □	No.	ted concrete	Comments 3000psi footing vibrated n/a n/a e test report
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of ins no conveyance of concrete by Even layering around opening Removal of temporary ties and FIELD TESTING OF *CYLINDER SET NO: POST PLACEM Specified finish Protection of surfaces from crap Proper curing procedures imple NON-CONFORMA	of concrete observed of all areas of placement of not exceeded ertion, spacing, time, vertical insertivibration) s and embedments of spacers of CONCRETE PERFORMED 449-1 MENT OBSERVATIONS acking due to rapid drying emented MNCE ITEMS OBSERVED	Yes ⊠ Yes ⊠ Yes ⊠ Yes □	No. No.	ted concrete	Comments 3000psi footing vibrated n/a n/a e test report
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of ins no conveyance of concrete by Even layering around opening Removal of temporary ties and FIELD TESTING OF *CYLINDER SET NO: POST PLACEM Specified finish Protection of surfaces from crap Proper curing procedures implements. Non-Conformance Item Description.	of concrete observed of all areas of placement of not exceeded ertion, spacing, time, vertical insertivibration) s and embedments of spacers of CONCRETE PERFORMED 449-1 MENT OBSERVATIONS acking due to rapid drying emented MNCE ITEMS OBSERVED	Yes ⊠ Yes ⊠ Yes ⊠ Yes □	No.	ted concrete	Comments 3000psi footing vibrated n/a n/a e test report
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of ins no conveyance of concrete by Even layering around opening Removal of temporary ties and FIELD TESTING OF *CYLINDER SET NO: POST PLACEM Specified finish Protection of surfaces from crap Proper curing procedures imple NON-CONFORMA	of concrete observed of all areas of placement of not exceeded ertion, spacing, time, vertical insertivibration) s and embedments of spacers of CONCRETE PERFORMED 449-1 MENT OBSERVATIONS acking due to rapid drying emented MNCE ITEMS OBSERVED	Yes ⊠ Yes ⊠ Yes ⊠ Yes □	No.	ted concrete	Comments 3000psi footing vibrated n/a n/a e test report

N/O = Not Observed

Notes: Opechee Construction provided SWCE with a revised structural plan dated 3-26-13 upon arrival. Newman Concrete (Mike Tindle) identified 4 pier locations, at Line K and Line F, where length of vertical dowels were short approx. 2'. Newman Concrete installed #8 splice lengths to meet requirement. Newman Concrete identified discrepancy's between Structural and Rebar shop drawings and spoke to Opechee Const. about this. SWCE recommended Opechee check with structural engineer with any changes to the plan. Opechee Const. advised SWCE a new set of Structural and Rebar shop drawings will be provided 4/1/2013.

Attachments: Photos Reviewed By: EMW P:\2008\08-0494.2 M - JB Brown & Sons - Portland, ME - Marriott Courtyard - 321 Commercial Street - RED\COR's\3-29-13 concrete.doc













