

## **Concrete Construction Observation Report**

Project Name/Location: Marriott Courtyard			Р	roject No:	08-0494.2	
Client/Client's Rep.:  J.B. Brown & Sons			D	ate:	5-15-13	
Concrete Contractor: Newman Concrete			Sheet:		1 of 1	
Placement Location:	nent Location: Resident's elevator pit and slab		S		WCE Rep.:	JBrown
Placement Type:	Footing Mall Column S		Slab Other A		rrived at Sit	te: 8:45
				L	eft Site:	1:00
PRE PLACEMENT OBSERVATIONS		In Com	nliance	N/O	Comments	
Bar Size (diameter, length, bend and anchorage)			Yes 🛛	No 🗌		
Location (# of bars, spacing, and cover)			Yes 🖂	No 🗌		
Splicing (weld joint, overlap)			Yes 🖂	No 🗌		
Stability (wiring, chairs, and spacers)			Yes 🛚	No 🗌		
Reinforcement free from mud, oil, rust, or other nonmetallic		ic coatings	Yes 🛚	No 🗌		
Reinforcement appears in conformance to specifications			Yes 🛛	No 🗌		-
Soil subgrade prepared in acco	ordance with project specific	cations	Yes 🛚	No 🗌		
Referenced Drawings		Date	Page	Rev.	ASTM	GRADE
JSN Structural Plan		2-13-13	S1,2		A 615 🖂	40 □ 50 □ 60 ⊠
Rebars and Mesh			R-1,3		A 616 A 617	75 🗌
					_	
					A 706 🗌	A 775 Epoxy 🗌
CONCRETE PLAC	EMENT OBSERVATION	<u>vs</u>	In Com	pliance	A 706 ☐ N/O	A 775 Epoxy Comments
CONCRETE PLAC Required mix used	EMENT OBSERVATION	<u>vs</u>	In Com Yes ⊠	pliance No. □		
		<u>vs</u>			N/O	Comments
Required mix used Placement and consolidation of Concrete properly conveyed to	of concrete observed of all areas of placement	<u>VS</u>	Yes 🖂	No.	<u>N/O</u>	Comments
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 ⊠	No.	<u>N/O</u> □	Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inse	of concrete observed o all areas of placement not exceeded ertion, spacing, time, vertica		Yes 🖂 Yes 🖂 Yes 🖂 Yes 🖂	No.	N/O 	Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of inso	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertication)		Yes X Yes X Yes X Yes X Yes X	No.	N/O	Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of instead of concrete by Even layering around openings)	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertical vibration) s and embedments		Yes X Yes X Yes X Yes X Yes X Yes X	No.	N/O 	Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of instead to conveyance of concrete by Even layering around openings Removal of temporary ties and	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertica vibration) s and embedments d spacers	al insertion,	Yes X Yes X Yes X Yes X Yes X	No.	N/O	Comments
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of instead to conveyance of concrete by Even layering around openings Removal of temporary ties and	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertical vibration) s and embedments	al insertion,	Yes \Bigs Yes \B	No.	N/O	Comments 3000
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of instance conveyance of concrete by Even layering around opening Removal of temporary ties and FIELD TESTING OF *CYLINDER SET NO:	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertical vibration) s and embedments d spacers	al insertion,	Yes \Bigs Yes \B	No.	N/O	Comments 3000
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of instance conveyance of concrete by Even layering around opening Removal of temporary ties and FIELD TESTING OF *CYLINDER SET NO:	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertical vibration) s and embedments d spacers CONCRETE PERFORM 449-16	al insertion,	Yes ⊠ **refer to	No.	N/O	Comments 3000  test report
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of instance 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 not exceeded ertion, spacing, time, vertical vibration) s and embedments d spacers CONCRETE PERFORM 449-16 EENT OBSERVATIONS acking due to rapid drying	al insertion,	Yes ⊠ ←*refer to In Com	No.	N/O  N/O  D D D D D D D D D D D D D D D D D D	Comments 3000  test report
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of instance 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.	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertical vibration) s and embedments d spacers CONCRETE PERFORM 449-16 EENT OBSERVATIONS acking due to rapid drying emented	al insertion,	Yes ⊠ Yes □ In Com Yes □	No.	N/O	Comments 3000  test report
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of instance 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.	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertical vibration) s and embedments d spacers FCONCRETE PERFORM 449-16 FENT OBSERVATIONS acking due to rapid drying emented ANCE ITEMS OBSERVE	al insertion,	Yes ⊠ Yes □ Yes □ In Com Yes □ Yes □	No.	N/O  N/O  D D D D D D D D D D D D D D D D D D	Comments 3000  test report
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of instance 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 crapper curing procedures implements.  Non-Conformance Item Description.	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertical vibration) s and embedments d spacers FCONCRETE PERFORM 449-16 FENT OBSERVATIONS acking due to rapid drying emented ANCE ITEMS OBSERVE	al insertion,	Yes ⊠ Yes □	No.	N/O  N/O  D D D D D D D D D D D D D D D D D D	Comments 3000  test report
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of instance 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.	of concrete observed of all areas of placement not exceeded ertion, spacing, time, vertical vibration) s and embedments d spacers FCONCRETE PERFORM 449-16 FENT OBSERVATIONS acking due to rapid drying emented ANCE ITEMS OBSERVE	al insertion,	Yes ⊠ Yes □	No.	N/O  N/O  D D D D D D D D D D D D D D D D D D	Comments 3000  test report

N/O = Not Observed

## Notes:

Upon initial rebar inspection, the "Z" bars underneath the elevator sump were on the wrong sides; i.e.: running parallel to Commercial Street instead of perpendicular. Dave (Opechee Construction) left these "Z" bars in place and added three more the correct way, including a horizontal 4' straight bar tied to each new "Z" bar on the sloping face. All other rebar seemed in conformance to the plans and specifications.

Attachments: Photos Reviewed By: RED P:\2008\08-0494.2 M - JB Brown & Sons - Portland, ME - Marriott Courtyard - 321 Commercial Street - RED\COR's\5-15-15 concrete.doc













