

## **Concrete Construction Observation Report**

Project Name/Location:	Portland Marriott Residence Hotel		P	roject No:	06-0726.2	
Client/Client's Rep.: Norwich Partners, LLC			D	ate:	5-19-08	
eneral Contractor: Ledgewood			S	heet:	1 of 1	
Placement Location:	Pile Caps: V-28, R-28			SWCE Rep.:		VLT
Placement Type:	Footing 🖂 Wall 🗌 Column 🔲 Slab		Slab 🗌 Oth	ner 🗌 A	rrived at Si	te:
				Lo	eft Site:	
PRE PLACEMENT OBSERVATIONS		In Com	pliance	N/O	Comments	
Bar Size (diameter, length, bend and anchorage)			Yes 🖂	No 🗌		
Location (# of bars, spacing, and cover)			Yes 🛚	No 🗌		Conc. Blocks
Splicing (weld joint, overlap)			Yes 🛚	No 🗌		
Stability (wiring, chairs, and spacers)			Yes 🛛	No 🗌		
Reinforcement free from mud,	oil, rust, or other nonmetall	ic coatings	Yes 🛚	No 🗌		
Reinforcement appears in con	formance to specifications		Yes 🛚	No 🗌		
Soil subgrade prepared in acc	ordance with project specific	cations	Yes 🛛	No 🗌		
Referenced Drawings		Date	Page	Rev.	ASTM	GRADE
BARKER STEEL		4-15-08	R01		A 615 ⊠	40 🗌 50 🗌 60 🖂
Group One		11-5-07	S4.2		A 616 🗌 A 617 🔲	75 🗌
					A 706	A 775 Epoxy □
CONCRETE PLAC	EMENT OBSERVATION	<u>vs</u>	In Com	pliance	N/O	Comments
CONCRETE PLACE Required mix used	CEMENT OBSERVATION	<u>vs</u>	In Com Yes ⊠	pliance	<u>N/O</u> □	Comments 4000 psi, ¾ agg
		<u>vs</u>		pliance		
Required mix used Placement and consolidation of Concrete properly conveyed to	of concrete observed o all areas of placement	VS	Yes ⊠ Yes ⊠ Yes ⊠			
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits	of concrete observed o all areas of placement s not exceeded		Yes ⊠ Yes ⊠			
Required mix used Placement and consolidation of Concrete properly conveyed to Depth of layer maximum limits Internal vibration (depth of ins	of concrete observed o all areas of placement o not exceeded ertion, spacing, time, vertica		Yes 🖂 Yes 🖂 Yes 🖂 Yes 🖂			4000 psi, ¾ agg
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 to all areas of placement to not exceeded ertion, spacing, time, vertical vibration)		Yes X Yes X Yes X Yes X Yes X			
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	of concrete observed of all areas of placement of not exceeded pertion, spacing, time, vertical of vibration) of and embedments		Yes 🖂 Yes 🖂 Yes 🖂 Yes 🖂			4000 psi, ¾ agg
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 of vibration) of and embedments of spacers	al insertion,	Yes \( \times \)			4000 psi, ¾ agg  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 pertion, spacing, time, vertical of vibration) of and embedments	al insertion,	Yes \Bigs Yes \B			Vibrated  None used
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:	of concrete observed of all areas of placement of all areas of placement of anot exceeded pertion, spacing, time, vertical vibration) of and embedments of spacers	al insertion,	Yes \Bigs Yes \B	No D		Vibrated  None used
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 pertion, spacing, time, vertical vibration) of sand embedments of spacers of CONCRETE PERFORM 851-7	al insertion,	Yes ⊠ Yes □ Yes ⊠  Yes ⊠ Yes □ Yes ⊠  Yes ⊠	No D	ted concrete	Vibrated  None used  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 vibration) s and embedments d spacers FCONCRETE PERFORM 851-7 MENT OBSERVATIONS	al insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □	No D	ted concrete	Vibrated  None used  test report  Comments
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 imp	of concrete observed of all areas of placement of not exceeded pertion, spacing, time, vertical vibration) is and embedments of spacers  FCONCRETE PERFORM 851-7  MENT OBSERVATIONS  acking due to rapid drying lemented	al insertion,	Yes ⊠ Yes □ Yes ⊠  Yes ⊠ Yes □ Yes ⊠  Yes ⊠	No Do associate	ted concrete	Vibrated  None used  test report  Comments
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 **TELD TESTING OF**CYLINDER SET NO:  **POST PLACEM** Specified finish Protection of surfaces from craph of the proper curing procedures imposed to the proper curing procedure imposed to the procedure impos	of concrete observed of all areas of placement of not exceeded pertion, spacing, time, vertical vibration) of sand embedments of spacers of CONCRETE PERFORM 0851-7  MENT OBSERVATIONS  Cacking due to rapid drying Demented ONCE ITEMS OBSERVE	al insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □	No Do associate	ted concrete	Vibrated  None used  test report  Comments
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 imp	of concrete observed of all areas of placement of not exceeded pertion, spacing, time, vertical vibration) of sand embedments of spacers of CONCRETE PERFORM 0851-7  MENT OBSERVATIONS  Cacking due to rapid drying Demented ONCE ITEMS OBSERVE	al insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □	No Do associate	ted concrete	Vibrated  None used  test report  Comments
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 crapper curing procedures imp  **NON-CONFORMA** Non-Conformance Item Description of SWCE:	of concrete observed of all areas of placement of not exceeded pertion, spacing, time, vertical vibration) of sand embedments of spacers of CONCRETE PERFORM 0851-7  MENT OBSERVATIONS  Cacking due to rapid drying Demented ONCE ITEMS OBSERVE	al insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □	No Do associate	ted concrete	Vibrated  None used  test report  Comments
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 imp	of concrete observed of all areas of placement of not exceeded pertion, spacing, time, vertical vibration) of sand embedments of spacers of CONCRETE PERFORM 0851-7  MENT OBSERVATIONS  Cacking due to rapid drying Demented ONCE ITEMS OBSERVE	al insertion,	Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes ⊠ Yes □	No Do associate	ted concrete	Vibrated  None used  test report  Comments

Reviewed By:

**RED** 

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Attachments: NONE