



# Concrete Construction Observation Report

<b>Project Name/Location:</b>	Portland Marriott Residence Hotel	<b>Project No:</b>	06-0726.2
<b>Client/Client's Rep.:</b>	Norwich Partners, LLC	<b>Date:</b>	5-30-08
<b>General Contractor:</b>	Ledgewood	<b>Sheet:</b>	1 of 1
	Pile Caps & Grade Beams: line A, 9-12 Line D 9 + 10. Wall Section line A 5 to 0. Wall line i, B.7 to J		
<b>Placement Location:</b>	Retaining wall outside line X, 21.6 to 27	<b>SWCE Rep.:</b>	VLT
<b>Placement Type:</b>	Footing <input checked="" type="checkbox"/> Wall <input checked="" type="checkbox"/> Column <input type="checkbox"/> Slab <input type="checkbox"/> Other <input type="checkbox"/>	<b>Arrived at Site:</b>	
		<b>Left Site:</b>	

<u>PRE PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>		<u>N/O</u>	<u>Comments</u>
Bar Size (diameter, length, bend and anchorage)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	
Location (# of bars, spacing, and cover)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	
Splicing (weld joint, overlap)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	
Stability (wiring, chairs, and spacers)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	
Reinforcement free from mud, oil, rust, or other nonmetallic coatings	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	
Reinforcement appears in conformance to specifications	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	
Soil subgrade prepared in accordance with project specifications	Yes <input type="checkbox"/>	No <input type="checkbox"/>	<input checked="" type="checkbox"/>	

<u>Referenced Drawings</u>	<u>Date</u>	<u>Page</u>	<u>Rev.</u>	<u>ASTM</u>	<u>GRADE</u>
Barker Steel	5/31/08	R01A		A 615 <input checked="" type="checkbox"/>	40 <input type="checkbox"/> 50 <input type="checkbox"/> 60 <input checked="" type="checkbox"/>
Barker Steel	5/31/08	RO1C		A 616 <input type="checkbox"/>	75 <input type="checkbox"/>
Barker Steel	4/22	RO1D		A 617 <input type="checkbox"/>	
				A 706 <input type="checkbox"/>	A 775 Epoxy <input type="checkbox"/>

<u>CONCRETE PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>		<u>N/O</u>	<u>Comments</u>
Required mix used	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4000 psi, 3/4 agg
Placement and consolidation of concrete observed	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Concrete properly conveyed to all areas of placement	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pumped
Depth of layer maximum limits not exceeded	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Internal vibration (depth of insertion, spacing, time, vertical insertion, no conveyance of concrete by vibration)	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vibrated
Even layering around openings and embedments	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Removal of temporary ties and spacers	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	At wall line i

**FIELD TESTING OF CONCRETE PERFORMED** Yes  No   
 \*CYLINDER SET NO: 851-12 ←\*refer to associated concrete test report

<u>POST PLACEMENT OBSERVATIONS</u>	<u>In Compliance</u>		<u>N/O</u>	<u>Comments</u>
Specified finish	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Troweled
Protection of surfaces from cracking due to rapid drying	Yes <input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Proper curing procedures implemented	Yes <input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**NON-CONFORMANCE ITEMS OBSERVED** Yes  No

Non-Conformance Item Description:  
 Action Taken by SWCE:  
 Person(s) Notified:

N/O = Not Observed  
**Notes:** Temporary spacers used at line i to create clearance between rebar and form. Debris removed from inside forms. Slumps 4 1/2" to 6". Air 5.0 to 5.3%. Conc temp. 71°. Air temp 73°.

Attachments: NONE Reviewed By: RED