



## Concrete Construction Observation Report

**Project Name:** Mercy Hospital **Project No:** 06-1069.1  
**Client:** Mercy Hospital **Date:** 3/10/07  
**Placement Type:** Footing  Wall  Column  Slab  Other   
**Placement Location:** Recessed slab between lines 4.7 to 5 and A to F

<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 type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	Inspected by DAC
Location (# of bars, spacing, and cover)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	On 3/9/07
Splicing (weld joint, overlap)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	
Stability (wiring, chairs, and spacers)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	
Reinforcement free from mud, oil, rust, or other nonmetallic coatings	Yes <input type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>	
Reinforcement appears in conformance to specifications	Yes <input 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 type="checkbox"/>	

<u>Referenced Drawings</u>	<u>Date</u>	<u>Page</u>	<u>Rev.</u>	<u>ASTM</u>	<u>GRADE</u>
				A 615 <input checked="" type="checkbox"/>	40 <input type="checkbox"/> 50 <input type="checkbox"/> 60 <input checked="" type="checkbox"/>
				A 616 <input type="checkbox"/>	75 <input type="checkbox"/>
				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
Placement and consolidation of concrete observed	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Placed using Pump
Concrete properly conveyed to all areas of placement	Yes <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**FIELD TESTING OF CONCRETE PERFORMED** Yes  No   
**\*CYLINDER SET NO:** 702-39 ←\*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"/>	Screed and trowel
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**NON-CONFORMANCE ITEMS OBSERVED** Yes  No

Non-conformance item description:  
 Action taken by SWCE:

N/O = Not Observed

ATTACHMENTS Y  N

**NOTES:**

No midrange on 1<sup>st</sup> load. CCB made decision to add Rheobuild 1000 which rep. stated was w/in spec. Midrange ordered for load 2 and 3. Walls covered. Interior of building heated. Thermal blankets and Ground heater E3000 hoses used for curing.

SWCE REPRESENTATIVE: VLT

REVIEWED BY: