



# Masonry Construction Observation Report

<b>Project Name/Location:</b>	Park Danforth	<b>Project No:</b>	14-0065.2
<b>Client/Client's Rep.:</b>	The Park Danforth	<b>Date:</b>	4-28-16
<b>Masonry Contractor:</b>	Custom Masonry	<b>Sheet:</b>	1 of 1
<b>Placement Location:</b>	8" CMU wall for Elevator A mid-height on 2 <sup>nd</sup> floor	<b>S.W.COLE Rep.:</b>	C. Cromwell
<b>Weather:</b>	Sunny 40's	<b>On Site:</b>	7:30-10:30

Referenced Drawings	Date	Page	Revision	Comments
Becker-General Notes	10/16/15	S0.0		
Becker- Typical Concrete Sections and Details	10/16/15	S2.1		
Becker-Foundation Section and Details	10/16/15	S2.4		
Harris Rebar-Masonry Elevator A	12/11/15	R01B		

Masonry Construction	Observed		
Proportioning of site-mixed mortar	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Quickrete Type S spec mix
Placement of units and construction of mortar joints	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Full Joint Construction
Joint reinforcing (type, spacing, laps)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	16" O.C. ladder type
Vertical reinforcing (size, spacing, positioners, laps)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	#5 @ 32" O.C.
Horizontal reinforcing (size, spacing, positioners, laps)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	(2) #5 mid height
Cold-weather / Hot-weather construction (temperature, practices)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	45°F
Embedments and anchor bolts	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A
Installation of flashing and weeps – <i>material and placement</i>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A

Grout Placement	Observed		
Grout space (cleanliness, mortar fins, size/alignment, etc.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Clean
Lift height (cleanouts if needed)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	4'-00" Low Lift
Proportions of site-mixed grout or vendor mix used	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Quickrete spec mix
Placement of grout ( <i>consolidation, reconsolidation</i> )	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Field Testing Performed	Grout <input checked="" type="checkbox"/> Mortar <input checked="" type="checkbox"/> Prism <input checked="" type="checkbox"/>		
<i>refer to associated specimen test report</i>			
<b>SET NO:</b>	730-57	730-58	730-59

**NON-CONFORMANCE ITEMS OBSERVED (person notified)** Yes  No

**Notes:**

On site as scheduled to perform a pre-grout inspection of cells and reinforcing steel and to form test specimens in accordance with the schedule of special inspections. When S.W.COLE arrived onsite Custom Masonry was finishing up laying block for bond beam course. Vertical reinforcing observed consisted of the #5 verticals at 32" O.C. and joint reinforcing at 16" O.C. Horizontal reinforcing consisted of two #5 horizontals for the bond beam at midway of walls. Vertical bars next to door opening where masons racked back for elevator door will be drilled and epoxied in after grouting. A set of mortar cubes and grout prisms were made onsite and Custom Masonry made three CMU prisms.

Attachments: Photos

Reviewed By: KBG

The S.W.COLE field representative is on-site at the request of our client to provide construction materials testing and to observe and document construction activities. The contractor has sole responsibility for schedule, site safety, methods, completeness and quality control.

