S.W.COLE ENGINEERING, INC.

Concrete Construction Observation Report

Project Name/Location:	The Park Danforth	**Project No:**	14-0065.2
Client/Client's Rep.:	The Park Danforth / Ron Norton	**Date:**	11-17-15
Concrete Contractor:	NS Giles	**Sheet:**	1 of 1
Placement Location:	Footings: E and E(-12')-line from 7.5(+7') to 11(+11') +/-	**S.W.COLE Rep.:**	KBG
Weather:	Sunny, 25 - 55ºF	**On Site:**	12:00 to 3:45pm

Pre Placement Observations	**In Compliance**		**N/O**	**Comments**
Bar size and location (diameter, length, bend and coverage)	Yes ☒	No ☐	☐	Per referenced drawings
Splicing (type, overlap)	Yes ☒	No ☐	☐	#5's continuous @ 45"
Stability (wiring, chairs, and spacers)	Yes ☒	No ☐	☐	Concrete bricks
Reinforcement conditions (cleanliness, temperature etc.)	Yes ☒	No ☐	☐	Ambient, clean
Embedments and anchor bolts installed	Yes ☐	No ☐	☐	N/A
Soil subgrade prepared in accordance with project specifications	Yes ☒	No ☐	☐	Compacted native sand

Referenced Drawings	**Date**	**Page(s)**	**Rev.**	**ASTM**	**GRADE**
Garage Level – New Building – Foundation Plan	10/16/15	S1.0C	1	**A 615** ☒	**40** ☐ **50** ☐ **60** ☒
Level 1 – New Building – Framing Plan	10/16/15	S1.1C	2	**A 616** ☐ **A 617** ☐	**75** ☐
Typical Concrete Sections and Details	10/16/15	S2.1		**A 706** ☐	**A 775 Epoxy** ☐
Foundation Sections and Details	10/16/15	S2.2	1		
Foundation Sections and Details	10/16/15	S2.4	2		

Concrete Placement Observations	**In Compliance**		**N/O**	**Comments**
Required mix used	Yes ☒	No ☐	☐	3500-psi design w/ air
Concrete properly conveyed to all areas of placement	Yes ☒	No ☐	☐	Belt conveyor w/ tremie
Internal vibration / consolidation of concrete	Yes ☒	No ☐	☐	Mechanically consolidated
Even layering around openings and embedments	Yes ☐	No ☐	☐	N/A
Post placement observations (finishing, curing, etc.)	Yes ☐	No ☐	☒	Not onsite

Field Testing of Concrete Performed Yes ☒ No ☐ Loads: 5 Yards: 50

***Cylinder Set Number:** 730-3 ←**refer to associated concrete test report*

Non-Conformance Items Observed (person notified) Yes ☐ No ☒

Notes: S.W.COLE made a site visit as scheduled by PC Construction to make observations of reinforcing installation and to perform concrete field testing in accordance with the project requirements. During our initial observations, reinforcing observed appeared consistent with the above referenced project documents with the exception of the vertical hooks associated with the "P2" at column E/11 which had not been installed. We discussed our observations with N.S. Giles (Chris) and PC (Kemp) and the required bars were added prior to placing concrete. Field testing performed indicated mix placed was within project specifications.

Attachments: Photos

Reviewed By: RED