



Soils Observation Report

Project Name/Location:	The Park Danforth / Portland	Project No:	14-0065.2
Client/Client's Rep.:	The Park Danforth / Ron Norton	Date:	10-22-15
General Contractor:	PC Construction	Sheet:	1 of 1
Earthwork Contractor:	Shaw Brothers	S. W. COLE Rep.:	K. Gimpel
Current Work Area:	Building pad preparation	On Site:	9:15 – 10:15

Weather, Temperature & Soil Moisture Observations: Overcast with occasional light showers in the 50's with site soil conditions dry to moist.

Soils Observations	Observed		Comments
Subgrade Preparation	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Today's test are previously prepared, but ongoing work observed
Fill Placement (method and uniformity)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	John Deere 650 tracked bulldozer
Material (proper type, sample #)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	20078G
Lift Thickness	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Graded prior to our arrival
Compaction (equipment, passes)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Bomag BW 172
*In-place Densities (frequency)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
<u>Non-Conformance Items Observed</u>			
(person notified)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

***refer to associated report for in-situ density results**

Observations / Discussions:

S.W.COLE was on site as scheduled by PC construction to perform in-situ density testing within the proposed building footprint where one of the relic foundation hole areas encountered was over-excavated. Replacement material being utilized where over-excavation takes place under proposed footings consists of 1 ½-inch minus crushed gravel meeting the requirements for Structural Fill and MDOT Type A base gravel. We understand the current work is along H-line approximately located between 9 and 10-lines. Shaw Brothers moisture conditioned material and made multiple passes with a heavy vibratory drum roller. In-situ density testing performed indicated material was near optimum moisture and compacted to a minimum of 95-percent using a 137.9-pcf proctor value.

Attachments: Photo

Reviewed By: RED

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.

