S.W.COLE ENGINEERING, INC.

Concrete Construction Observation Report

Project Name/Location:	Clark Insurance/ 1945 Congress Street, Portland	**Project No:**	16-1446
Client/Client's Rep.:	Northland Management Corp. / Brad Fries	**Date:**	5-30-17
Concrete Contractor:	N.S. Giles	**Sheet:**	1 of 1
Placement Location:	Footing: A/8(+10'), 9 Line, F(6'6")/7(+14')	**S.W.COLE Rep.:**	N. McArthur
Weather:	Cloudy 50's	**On Site:**	1:15p – 3:00p

Pre Placement Observations	**In Compliance**		**N/O**	**Comments**
Bar size and location (diameter, length, bend and coverage)	Yes ☒	No ☐	☐	3 #4 Horz, #4 @ 32" vert
Splicing (type, overlap)	Yes ☒	No ☐	☐	24"
Stability (wiring, chairs, and spacers)	Yes ☒	No ☐	☐	Concrete Bricks
Reinforcement conditions (cleanliness, temperature etc.)	Yes ☒	No ☐	☐	Clean, Ambient
Embedments and anchor bolts installed	Yes ☒	No ☐	☐	Per Plan
Soil subgrade prepared in accordance with project specifications	Yes ☐	No ☐	☒	

Referenced Drawings	**Date**	**Page(s)**	**Rev.**	**ASTM**	**GRADE**
General notes	10-06-16	S1.0		**A 615** ☒	**40** ☐ **50** ☐ **60** ☒
Foundation plan	10-06-16	S1.1		**A 616** ☐ **A 617** ☐	**75** ☐
Sections	10-6-16	S2.0		**A 706** ☐	**A 775 Epoxy** ☐

Concrete Placement Observations	**In Compliance**		**N/O**	**Comments**
Required mix used	Yes ☒	No ☐	☐	See Notes
Concrete properly conveyed to all areas of placement	Yes ☒	No ☐	☐	Tailgate
Internal vibration / consolidation of concrete	Yes ☒	No ☐	☐	Mechanical
Even layering around openings and embedments	Yes ☐	No ☐	☒	
Post placement observations (finishing, curing, etc.)	Yes ☐	No ☐	☒	

Field Testing of Concrete Performed Yes ☒ No ☐ Loads: 4 Yards: 32

***Cylinder Set Number:** 923 - 4 ←**refer to associated concrete test report*

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

Notes:

S.W. COLE was onsite as requested by Wright Ryan for concrete field testing and reinforcing observations. Concrete reinforcements observed appeared to be consistent with the above referenced documents. Concrete specified for footings is a 3,500 psi, non-air mix; concrete placed was a 4,000 psi mix containing air entrainment and mid-range water reducer. N.S. Giles and Wright Ryan were made aware of the arrival of the wall mix as supposed to the footing mix. Concrete field test results appeared consistent with the wall mix submittal information. All results were reported verbally to N.S. Giles and Wright Ryan.

Attachments: Photos

Reviewed By:

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.

S.W. COLE ENGINEERING, INC. CCOR 5-30-17