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:**	6-14-17
Concrete Contractor:	N.S. Giles	**Sheet:**	1 of 1
Placement Location:	Walls: F-line from 4-line to 6-line	**S.W.COLE Rep.:**	C. Cromwell
Weather:	Sunny 70°F	**On Site:**	10:00-12:30

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

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

Concrete Placement Observations	**In Compliance**		**N/O**	**Comments**
Required mix used	Yes ☒	No ☐	☐	4000psi w/air
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 ☐	☒	N/A
Post placement observations (finishing, curing, etc.)	Yes ☐	No ☐	☒	Not onsite

Field Testing of Concrete Performed Yes ☒ No ☐ Loads: 1 Yards: 10

***Cylinder Set Number:** 923 - 10 ←**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. Field testing of concrete indicated mix was within job specifications.

Attachments: Photos

Reviewed By: Roger E Downey

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 6-14-17