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:**	5-17-17
Concrete Contractor:	N.S. Giles	**Sheet:**	1 of 1
Placement Location:	F/1 Line – A/1 Line, 40' of A/1 Line	**S.W.COLE Rep.:**	A. Boyce
Weather:	Sunny 78°F	**On Site:**	12:30p – 2p

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 ☐	☐	Brick
Reinforcement conditions (cleanliness, temperature etc.)	Yes ☒	No ☐	☐	Clean
Embedments and anchor bolts installed	Yes ☐	No ☐	☒	
Soil subgrade prepared in accordance with project specifications	Yes ☐	No ☐	☒	

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

Concrete Placement Observations	**In Compliance**		**N/O**	**Comments**
Required mix used	Yes ☒	No ☐	☐	4000 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 ☐	☒	
Post placement observations (finishing, curing, etc.)	Yes ☐	No ☐	☒	

Field Testing of Concrete Performed Yes ☒ No ☐ Loads: 2 Yards: 16

***Cylinder Set Number:** 923 - 1 ←**refer to associated concrete test report*

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

Notes:

S.W. COLE was onsite as scheduled by N.S. Giles to perform concrete field testing and reinforcing observations. All reinforcing appeared to be within accordance with referenced drawings above (Drawing were provided onsite by N.S. Giles). Concrete testing was performed and results were reported to Warring Cutler (Auburn Q.C.) who was onsite to adjust loads accordingly. One set of four test specimens were made for laboratory compression testing before S.W.COLE's departure.

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.

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CONCRETE FOOTING SCHEDULE

MARK	SIZE	FTG REINFORCING
TYPICAL CONT. STRIP FTG	10" THICK x 24" WIDE x CONT. STRIP FOOTING	(3) #4 CONT. -TYP. #4 HOOK DOWELS @ 32"
* SF1 *	10" THICK x 3'-6" WIDE x CONT. OFFSET STRIP FOOTING	(5) #4 CONT. -TYP. #4 HOOK DOWELS @ 12"
F4	4"-0" SQ. x 12" THICK ISOLATED FTG	#4 @ 12" O.C. E.W. TOP & BOT MAT
F5	5"-0" SQ. x 12" THICK ISOLATED FTG	#4 @ 12" O.C. E.W. TOP & BOT MAT

* ADD'L REINFORCING MAY BE REQUIRED IN PLAN OR SECTIONS.

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