HELEN WATTS ENGINEERING
455 Litchfield Road
Bowdoin, ME 04287
January 15, 2009 (207) 449-6869 · fax (207) 666-3920
hcwatts@gwi.net

Mr. Walt Juve
Woodworking & Cabinetry, LLC
40 Portland Pier #11
Portland, ME 04101

Re: 225 Industrial Way, Portland, Maine
HWE P/N 08-013

Dear Walt,

Yesterday I made the final inspection of the special inspections for your building project at 225 Industrial Way in Portland, Maine. The following is the original list from my letter of August 14, 2008. Code citations are per the IBC 2003.

Item to inspect	Requirement	Code Citation
Backfill	Any backfill is to be crushed stone, requiring no density monitoring if tamped in place. Periodic check by engineer.	1704.7, 1704.7.1
Checked on two inspections, adequate.		
Verifying use of required concrete mix.	Retain concrete delivery slips for engineer to check.	1904
The concrete was inspected onsite by SW Cole; the concrete strength of the breaks is over 3000 psi.		
Inspection of reinforcing steel and placement.	Periodic check by engineer.	1903.5
Checked on two inspections, adequate.		
Concrete - Footings	Perform slump and air content tests, and determine the temperature of the concrete – 1 test per day.	1704.4.2.3
Checked on one inspection, adequate.		
Concrete - Walls	No testing required by Code.	1704.4.4
Concrete - Slab	No testing required by Code. Recommend 1 test per day.	1704.4.3
Steel erection - bolts	Bolts installed snug-tight with the materials properly drawn together. Periodic check by engineer.	1704.3.3.1
Checked on two inspections, adequate.		
Steel erection - bracing	The bracing should be in place and connected per the drawings. Periodic check by engineer.	1704.3.2
Checked on one inspection, adequate. One brace is not installed and will be relocated due to a door location.		
Any onsite structural welding performed.	Inspect per AWS D1.1	1704.3.1
Nonoe.		
Frost protected shallow foundations (FPSF)	The insulation and drainage will be checked by the engineer before backfilling.	R403.3
None – a frost wall was placed so no FPSF required.		

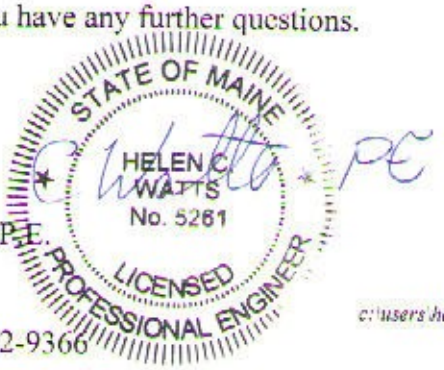
Jan. 15, 2009
207-522-9366

I also checked for the required truss bracing in the wood-framed connector, which is adequate as 2x4 bracing was applied on all of the longer chords, and viewed the light-gauge steel connectors tying the trusses to the bearing walls against uplift. Two connectors were used per end, one on each side of the truss. These connections are also adequate.

The construction of this building meets all the requirements called for in the IBC 2003 building code for special inspections.

Please call if you have any further questions.

Yours truly,



Helen C. Watts, P.E.

HCW/
Phone: 1-207-522-9366

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08-013

TO HELEN WATTS : 666-3920

S.W.COLE ENGINEERING, INC.

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: PORTLAND ME - DEKKO WAREHOUSE - 225 INDUSTRIAL WAY - MATERIALS TESTING
Project Number: 08-0908

Client: DEKKO
Client Contract Number:

General Contractor:
Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 9/23/2008 **Time Cast:** 1:30 **Date Received:** 9/25/2008

Placement Location: WALLS: A TO C, 1 TO 7

Placement Method: PUMP*
Placement Vol. (yd³): 61

Cylinders Made By: VLT
Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: GLENIUM 7500

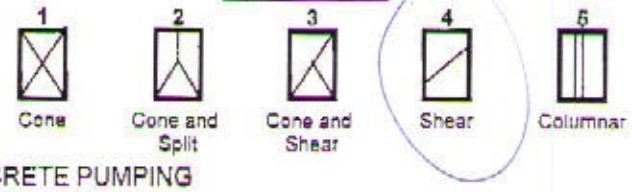
TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6 1/4
Air Content (%) (C-231): **Air WR:** 7.0
Air Temp (°F): 65
Conc. Temp (°F) (C-1064): 69

Load Number: 2
Mixer Number: 97
Ticket Number: 120727
Cubic Yards: 10
Design (psi): 3000

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(in)*	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
906-2A		6.00	28.27	9/30/2008	Lab	7	4	82.5	2920
906-2B		6.00	28.27	10/21/2008	Lab	28	4	105.0	3710
906-2C		6.00	28.27	10/21/2008	Lab	28	4	103.0	3640
906-2D				Hold	Lab				

Fracture Types



Remarks: * NORTHEAST CONCRETE PUMPING

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