



**SITE WORK
DAILY FIELD REPORT**

PROJECT: Terminal Enhancement at the Portland International Jetport

DATE: 1/20/2011

PROJECT LOCATION: Portland, Maine

PROJECT NO.: 557-14

CLIENT: City of Portland

WEATHER: Cloudy

CONTRACTOR: Turner Construction Co.

PREVIOUS DATE ON SITE: 1/14/2011

Time on-site at 2.5 hrs, 24 mi travel, Tolls: \$0.00

Observed Architectural Testing perform leak testing on windows in the southwest corner of the addition along line F from 1Y to 1ZA. No leakage observed over joints tested.

Also present during the testing were Sean Winner of Turner Construction, Jim Stanislaki of Gensler, Michael Anness, Michael Galvin and Michael Swane of IBG, and Dan Carroll and JP McDonald of ATI.

MJK

Michael Kramlich

Prepared By

MTG

Matthew Grady

Reviewed By



Daily Observation Report

Project: TERMINAL ENHANCEMENT		Time: _____ End Time	Mileage: _____ End
Project No.: 557-14	Tolls: 1.40	_____ Beg. Time	_____ Begin
Per Diem/Lodging:		9.0 Total Time	26 Total

Observations:

In-Place Densities Done _____ All IPDs meet Specifications Reported to _____

Not all IPDs meet Specifications Reported to _____

Phone Calls:

ON SITE FOR FIRE PROOFING. (2) THICKNESS TESTS AND INSTALLED (3) PULL TESTS. SEE ATTACHED FOR LOCATION & RESULTS.

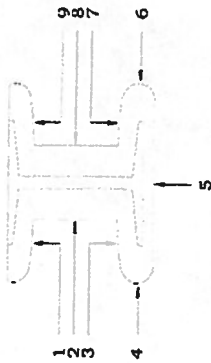
Reviewed By: *MFL*

Signed: *George S. Yonell*

<input type="checkbox"/> HNU _____ day	<input type="checkbox"/> Concrete Equipment	Monitoring Well Supplies	
<input type="checkbox"/> Survey Level _____ day	<input type="checkbox"/> Nuc Densometer _____ day	_____ Bags of Bentonite	_____ Locks
<input type="checkbox"/> Rebar Meter _____ day	<input type="checkbox"/> Coring Machine _____ Dia.	_____ 5 ft. Screen 2" PVC	_____ Caps
_____ Bailers (Disposable)	_____ Inches Cored	_____ 10 ft. Screen 2" PVC	_____ Points
<input type="checkbox"/> Water Level Ind. _____ day	<input type="checkbox"/> Generator <input type="checkbox"/> Taylor Rental	_____ 5 ft. Riser 2" PVC	_____ Screw Caps
<input type="checkbox"/> Drill Rig _____ day	<input type="checkbox"/> Peristaltic Pump (note tubing used)	_____ 10 ft. Riser 2" PVC	
<input type="checkbox"/> Backhoe _____ day	<input type="checkbox"/> Other	_____ Other _____	



THICKNESS OF SFRM ON BEAM



- FLUTES:
 Plugged?
 Filled?
 Open?

Project Name:
 Project Number:
 Client:
 Date:
 Inspector:

TERMINAL ENLIGHTENMENT
 557-14
 CITY OF PORTLAND
 1/26-1/21/11
 GJM

Take 9 measurements at each end of 12-in. length

Test #	Location	1	2	3	4*	5	6*	7	8	9	Total	Average
1	LEVEL 4, ZONE C COL LINE	7/8	5/8	15/32	9/16	7/8	9/16	7/8	1/2	1/2	423/32	11/16
2	W36X194 (2HE) Z5/XD-XF COL LINE	7/8	5/8	1/2	9/16	7/8	5/16	1/2	7/8	7/8	93/8	5/8
3	Z3/XD-XF COL LINE	9/16	5/8	7/8	9/16	7/8	5/16	5/8	7/8	7/8	41/16	21/32
4	Z2/XD-XF COL LINE	7/8	9/16	1/2	5/16	1/2	1/4	5/8	1/2	1/2	41/2	21/32
	Z1/XD-XF COL LINE	1/2	7/8	7/8	1/4	7/8	9/16	1/2	9/8	7/8	419/16	11/16
	Z1/XD-XF COL LINE	1/2	7/8	7/8	5/16	7/8	1/4	1/2	1/2	1/2	53/8	3/4
	Z1/XD-XF COL LINE	1/2	7/8	7/8	5/16	7/8	1/4	1/2	1/2	1/2	45/8	11/16

Note: * Average the flange tip measurements separately where reduced thicknesses are applied under W/D formula.

Beam:	Average Required	Min Required	Max Required	Average Recorded	Flange Tip (W/D):	Average Required	Average Recorded
Beam:	5/8	15/32	7/8	23/32	Flange Tip (W/D):	5/16	9/16
Average Required	5/8	15/32	7/8	23/32	Average Required	5/16	9/16
Min Required	5/8	15/32	7/8	23/32	Average Recorded	5/16	9/16
Max Required	5/8	15/32	7/8	23/32	Comments:		
Average Recorded	5/8	15/32	7/8	23/32			

Test No. 1
 Test No. 2
 Test No. 3
 Test No. 4

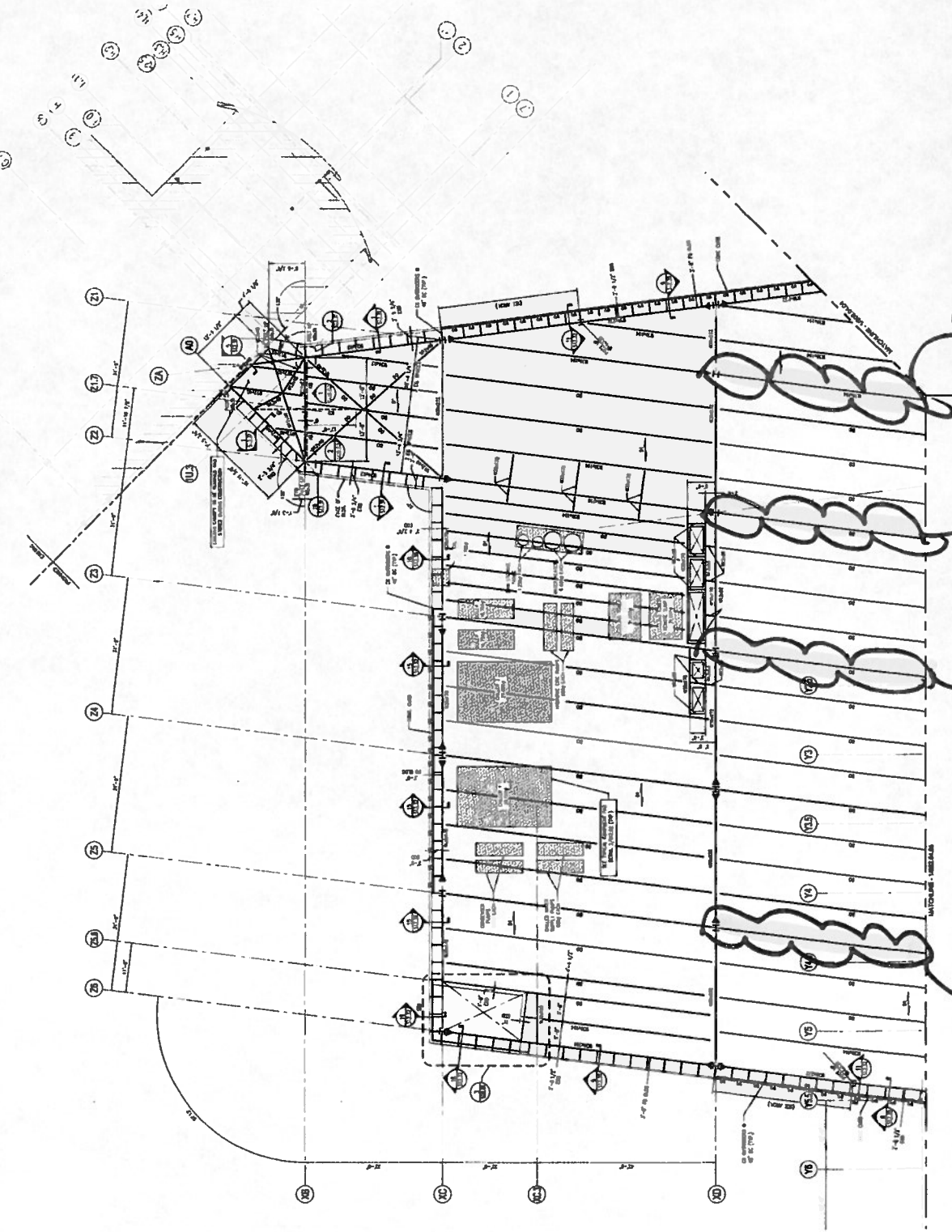
THICKNESSES ARE IN GENERAL CONFORMANCE WITH SPECIFICATIONS

MTG

TERMINAL ENCHANGEMENT @ RETIRED JET RET
 557-1A
 1/20 & 1/21
 THICKNESS TESTING

SHEET NOTES

- 1. GENERAL NOTES TO BE READ IN CONNECTION WITH THIS SHEET.
- 2. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.
- 3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
- 4. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
- 5. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
- 6. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
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- 18. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
- 19. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
- 20. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.



FRAMING PLAN - LEVEL 4 - ZONE 6
 SCALE: 1/8" = 1'-0"

Portland International
 Jetport
 1001 Westbrook Street
 Portland, Maine 04102

Genster

nest ASSOCIATES, INC.
 1000 BOSTON STREET
 PORTLAND, MAINE 04102

DATE	DESCRIPTION
01/20/01	ISSUED FOR PERMIT
01/21/01	ISSUED FOR PERMIT
01/22/01	ISSUED FOR PERMIT
01/23/01	ISSUED FOR PERMIT
01/24/01	ISSUED FOR PERMIT
01/25/01	ISSUED FOR PERMIT
01/26/01	ISSUED FOR PERMIT
01/27/01	ISSUED FOR PERMIT
01/28/01	ISSUED FOR PERMIT
01/29/01	ISSUED FOR PERMIT
01/30/01	ISSUED FOR PERMIT
01/31/01	ISSUED FOR PERMIT



PROJECT: PORTLAND INTERNATIONAL AIRPORT
 SHEET: S02.04.06
 DATE: 01/20/01

KEY PLAN
 1 2 3 4
 5 6 7 8
 9 10 11 12

S02.04.06



Daily Observation Report

Project: TERMINAL ENHANCEMENT	Time: _____ End Time _____	Mileage: _____ End _____
Project No.: 557-14 Tolls: 1.40	✓ 4.0 Total Time	✓ 26 Total
Per Diem/Lodging:		

Observations:

In-Place Densities Done _____ All IPDs meet Specifications Reported to _____

Not all IPDs meet Specifications Reported to _____

Phone Calls:

- ON SITE FOR THICKNESS TESTING (2) TESTS ZONE 6 LEVEL 4.

- PULLED (3) TESTS. ZONE 6 LEVEL 4

DIA 3.25 = AREA = πr^2 $\pi(1.625)^2 = 8.30 \text{ IN}^2$

$8.30 / 144 = .058 \text{ X } (200 \text{ lb/FE}^2 \text{ PROJECT SPEC}) = 11.5 \text{ LB}^2 \text{ REQD.}$

PULL TEST (1) 25/XD-10' = 26 lbs (NOTE: FAILURE WAS WITHIN TEST ADHESIVE, NOT SFM MATERIAL)

$26 / .058 = 448 \text{ lbs/FE}^2 > 200 \text{ lbs/FE}^2$

(2) 23/XD-20' = 31 lbs (FAILURE WAS WITHIN TEST ADHESIVE, NOT SFM MATERIAL)

$31 / .058 = 534 \text{ lbs/FE}^2 > 200 \text{ lbs/FE}^2$

(3) 22/XD-15' = 21 lbs (FAILURE WAS WITHIN TEST ADHESIVE, NOT SFM MATERIAL)

$21 / .058 = 362 \text{ lbs/FE}^2 > 200 \text{ lbs/FE}^2$

BOND STRENGTH IS IN GENERAL CONFORMANCE WITH SPECIFICATION.

INSTALLED (2) MORE PULL TESTS

Reviewed By: **mtc**

Signed: **George S. Farrell**

<input type="checkbox"/> HNU _____ day	<input type="checkbox"/> Concrete Equipment	Monitoring Well Supplies
<input type="checkbox"/> Survey Level _____ day	<input type="checkbox"/> Nuc Densometer _____ day	_____ Bags of Bentonite
<input type="checkbox"/> Rebar Meter _____ day	<input type="checkbox"/> Coring Machine _____ Dia.	_____ 5 ft. Screen 2" PVC
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<input type="checkbox"/> Drill Rig _____ day	<input type="checkbox"/> Peristaltic Pump (note tubing used)	_____ 10 ft. Riser 2" PVC
<input type="checkbox"/> Backhoe _____ day	<input type="checkbox"/> Other _____	_____ Other _____
		_____ Locks
		_____ Caps
		_____ Points
		_____ Screw Caps

