



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.

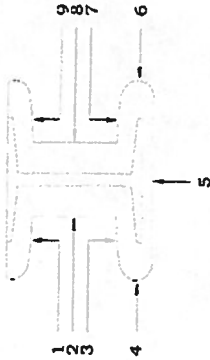
Reviewed By: *MFL*

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: TERMINAL ENLARGEMENT
 Project Number: 557-14
 Client: CITY OF PORTLAND
 Date: 1/26-1/21/11
 Inspector: 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	9/16	9/16	7/16	1/2	93/16	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	1/4	1/2	1/4	1/2	1/2	1/2	412	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	417/16	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	45/16	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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- 15. 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.

1001 Westbrook Street
 Portland, Maine 04102

Genster

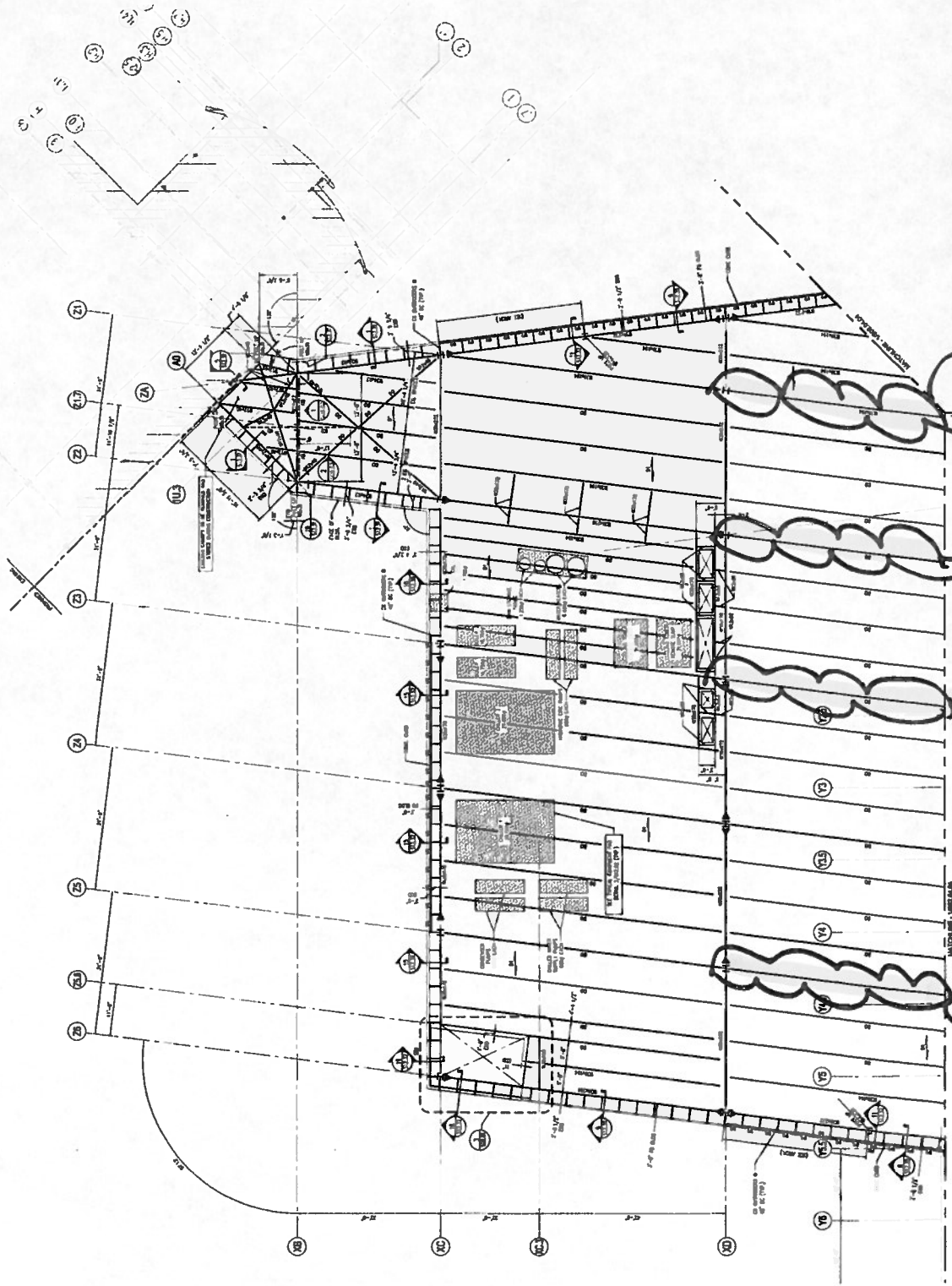
nest ASSOCIATES, INC.
 1001 Westbrook Street
 Portland, Maine 04102

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



PROJECT NO. 557-1A
 SHEET NO. 1 OF 1
 DATE: 01/20/21
 SCALE: AS SHOWN

S02.04.06



KEY PLAN



FRAMING PLAN - LEVEL 4 - ZONE 6
 SCALE: AS SHOWN



Daily Observation Report

Project: <u>TERMINAL ENHANCEMENT</u>	Time: _____ End Time _____	Mileage: _____ End _____
Project No.: <u>557-14</u> Tolls: <u>1.40</u>	✓ <u>4.0</u> Total Time	✓ <u>26</u> 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

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<input type="checkbox"/> Rebar Meter _____ day	<input type="checkbox"/> Coring Machine _____ Dia.	_____ 5 ft. Screen 2" PVC
_____ Bailers (Disposable)	_____ Inches Cored	_____ 10 ft. Screen 2" PVC
<input type="checkbox"/> Water Level Ind. _____ day	<input type="checkbox"/> Generator <input type="checkbox"/> Taylor Rental	_____ 5 ft. Riser 2" PVC
<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

