



**SITE WORK  
DAILY FIELD REPORT**

PROJECT: Terminal Enhancement at the Portland International Jetport

DATE: 06/28/2010

PROJECT LOCATION: Portland, Maine

PROJECT NO.: 557-14

CLIENT: City of Portland

WEATHER: Sun

CONTRACTOR: Turner Construction Co.

PREVIOUS DATE ON SITE:

Time on-site at 11 hrs, 40 mi travel, Tolls: \$2.00  
Nuc. Densometer – 1/2 day (L 244)

**AREA 'A'**

Upper lot: No work observed.

**AREA 'B'**

No Work Observed

**AREA 'C'**

Gorham Sand & Gravel installed footing drains and backfilled foundation walls in building addition zone 4. A vibratory plate compactor was used to compact backfill. Seven in-place densities (IPD's) were taken on subbase gravel (sample #11175) material. IPD's met specification of 95% of maximum density. See attached IPD report and sketch for test locations.

Concrete was placed at several locations for footings and walls in building addition zones 4 and 5. See sketches for locations. Approximately 40 yds of 4000 psi concrete was placed. See concrete report for more details. Concrete test results were in general accordance with project specifications.

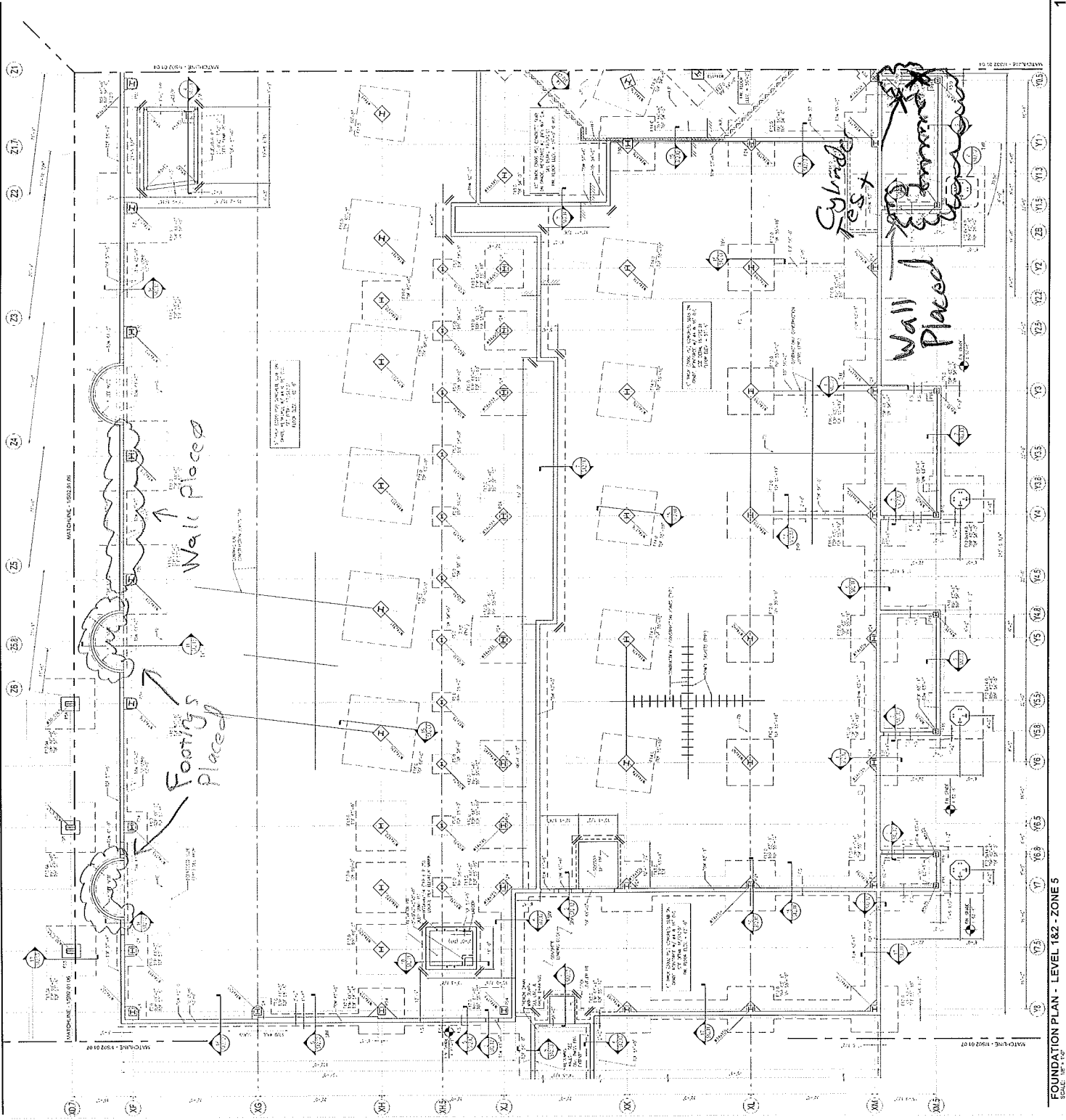
  
\_\_\_\_\_  
Rodney Collard

Prepared By

  
\_\_\_\_\_  
Matthew Grady

Reviewed By

557-14 RRC 6/28/10



- SHEET NOTES**
1. REFER TO SHEET 557-14 FOR GENERAL NOTES.
  2. REFER TO SHEET 557-14 FOR GENERAL NOTES.
  3. REFER TO SHEET 557-14 FOR GENERAL NOTES.
  4. REFER TO SHEET 557-14 FOR GENERAL NOTES.
  5. REFER TO SHEET 557-14 FOR GENERAL NOTES.
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  8. REFER TO SHEET 557-14 FOR GENERAL NOTES.
  9. REFER TO SHEET 557-14 FOR GENERAL NOTES.
  10. REFER TO SHEET 557-14 FOR GENERAL NOTES.

**Portland International Jetport**  
 1001 Westbrook Street  
 Portland, Maine 04102

**Gensler**

**nest ASSOCIATES, INC.**  
 1001 Westbrook Street  
 Portland, Maine 04102  
 Phone: 207-751-5000

- GENERAL NOTES**
1. REFER TO SHEET 557-14 FOR GENERAL NOTES.
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  10. REFER TO SHEET 557-14 FOR GENERAL NOTES.

**KEY PLAN**

7 6 5 4 3 2 1

Scale: 1/4" = 1'-0"

DATE: 06/28/10

PROJECT: 557-14

Sheet: S02.01.05

557-14 RRC 6/28/10

Portland International  
Jetport  
1001 Hitchcock Street  
Portland, Maine 04102

Gensler

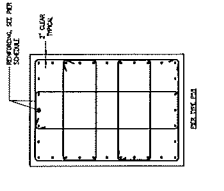
MESE ASSOCIATES, INC.  
1000 BROADWAY  
PORTLAND, MAINE 04102

2015 E. MAIN ST.  
PORTLAND, ME 04102  
PHONE: 734.2232 FAX: 734.2232

**SHEET NOTES**

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF PORTLAND, MAINE, AND THE STATE OF MAINE, AND ALL APPLICABLE CODES AND REGULATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF PORTLAND, MAINE, AND THE STATE OF MAINE.
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PIER TYPE	PIER DIMENSIONS	VERTICAL REINFORCING	YES
P1	10' x 10'	#4 @ 12" O.C.	YES
P2	10' x 10'	#4 @ 12" O.C.	YES
P3	10' x 10'	#4 @ 12" O.C.	YES
P4	10' x 10'	#4 @ 12" O.C.	YES
P5	10' x 10'	#4 @ 12" O.C.	YES
P6	10' x 10'	#4 @ 12" O.C.	YES
P7	10' x 10'	#4 @ 12" O.C.	YES
P8	10' x 10'	#4 @ 12" O.C.	YES
P9	10' x 10'	#4 @ 12" O.C.	YES
P10	10' x 10'	#4 @ 12" O.C.	YES



**PIER SCHEDULE & DETAILS**

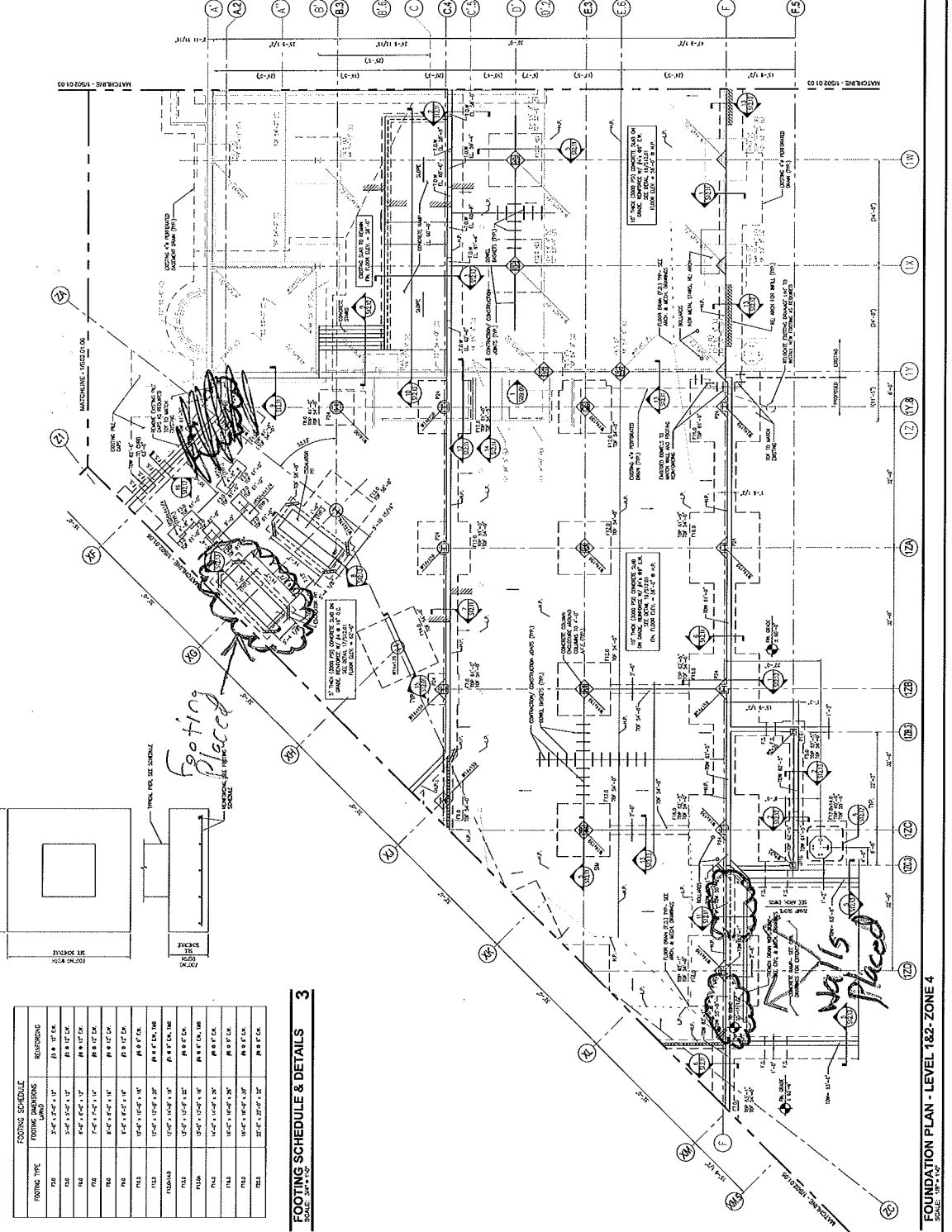
SCALE: 3/4" = 1'-0"

PIER TYPE	FOOTING DIMENSIONS	REINFORCING
P1	10' x 10' x 10'	#4 @ 12" O.C.
P2	10' x 10' x 10'	#4 @ 12" O.C.
P3	10' x 10' x 10'	#4 @ 12" O.C.
P4	10' x 10' x 10'	#4 @ 12" O.C.
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**FOOTING SCHEDULE & DETAILS**

SCALE: 3/4" = 1'-0"

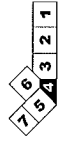
FOOTING TYPE	FOOTING DIMENSIONS	REINFORCING
F1	10' x 10' x 10'	#4 @ 12" O.C.
F2	10' x 10' x 10'	#4 @ 12" O.C.
F3	10' x 10' x 10'	#4 @ 12" O.C.
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**GENERAL NOTES**

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**KEY PLAN**



S02.01.04

FOUNDATION PLAN - LEVEL 1&2 - ZONE 4





**SITE WORK  
DAILY FIELD REPORT**

PROJECT: Terminal Enhancement at the Portland International Jetport  
DATE: 06/29/2010  
PROJECT LOCATION: Portland, Maine      PROJECT NO.: 557-14  
CLIENT: City of Portland      WEATHER: Sun  
CONTRACTOR: Turner Construction Co.  
PREVIOUS DATE ON SITE: 06/28/2010

Time on-site at 11.5 hrs, 40 mi travel, Tolls: \$2.00  
Nuc. Densometer – 1/2 day (L 244)

**AREA 'A'**

Upper lot: No work observed.

**AREA 'B'**

Gorham Sand & Gravel backfilled geothermal line and used a vibratory roller and vibratory plate compactor were used to compact backfill. Three in-place densities (IPD's) were taken on common fill (sample #11194) material. IPD's met specification of 92% of maximum density. See attached IPD report and sketch for test locations.

**AREA 'C'**

Concrete was placed at several locations for footings and walls in building addition zones 4 and 5. Concrete was tested by RWG&A's Erik Cohenour. See Erik's daily and concrete report for more details.

*PRC*

\_\_\_\_\_  
Rodney Collard

Prepared By

*Matthew S. Grady*

\_\_\_\_\_  
Matthew Grady

Reviewed By

\_\_\_\_\_  
R. W. Gillespie & Associates 86 industrial Park Rd., Suite 4, Saco, ME 04072- (207)286-8008

29/10 557-14 Rodney Collard

SHEET NOTES

Portland International  
Jetport  
1001 Westbrook Street  
Portland, Maine 04102

Sanitary Structure Schedule

DESC.	Q&A	Q&A RI	Q&A RI	Q&A RI	Q&A RI	Q&A RI	Q&A RI
PS GA-1	5720 (47)	5720 (47)	5720 (47)	5720 (47)	5720 (47)	5720 (47)	5720 (47)
	FROM	TO	TO	TO	TO	TO	TO
		DE/SEWER	DE/SEWER	DE/SEWER	DE/SEWER	DE/SEWER	DE/SEWER
		SEPARATION	SEPARATION	SEPARATION	SEPARATION	SEPARATION	SEPARATION

NOTE:  
S&I 041, 042 & 043 REMOVED FROM PLAN PER PUMP STATION RELOCATION.

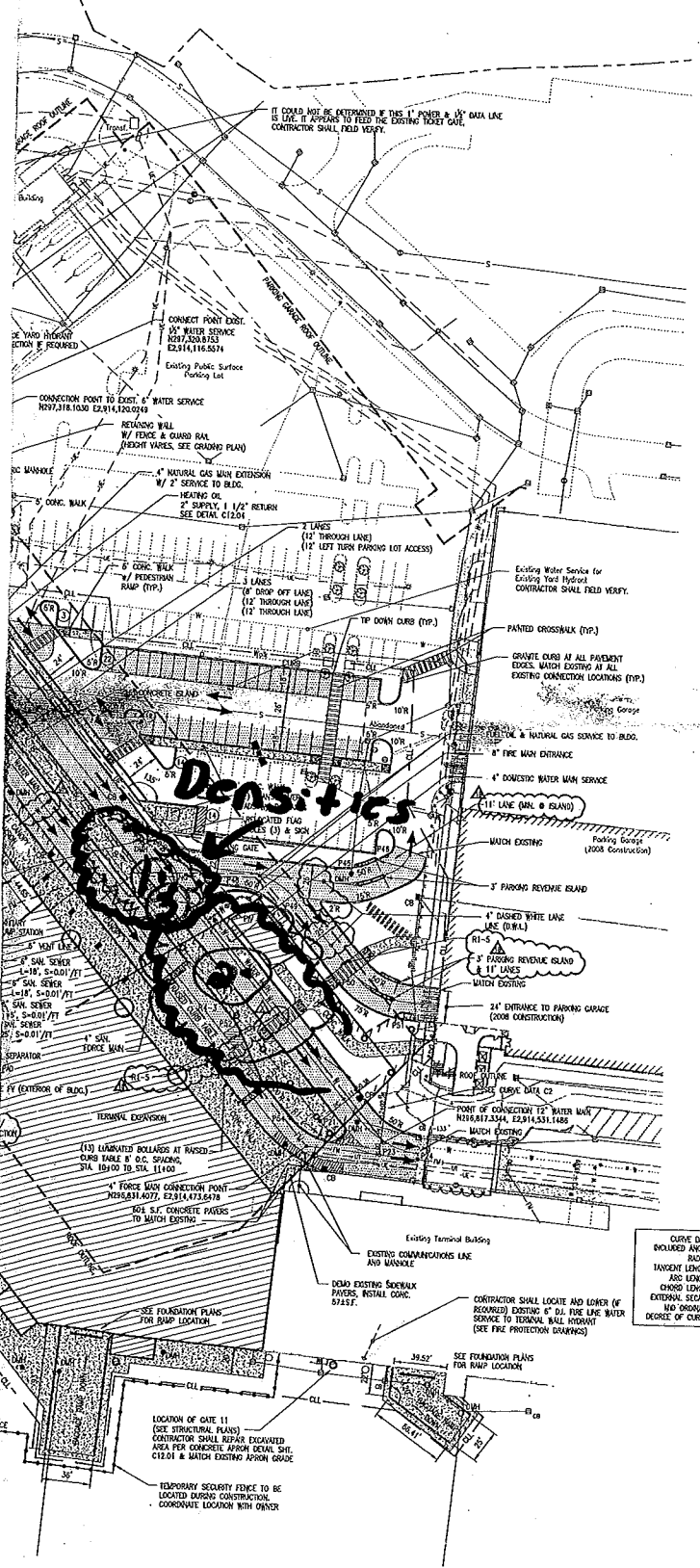
Layout Coordinate Schedule

Symbol	North	East
P1	297322.1702	2913003.1688
P2	297311.8822	2913610.6577
P3	297302.1688	2913873.4061
P4	297291.2791	2913901.1721
P5	297175.2115	2913775.1472
P6	297002.3126	2913491.4564
P7	297125.8717	2913565.5555
P8	297304.0717	2913505.7220
P9	297420.5322	2913330.9130
P10	297463.5322	2913055.3353
P11	297502.2477	2913816.0640
P12	297485.5402	2913330.1418
P13	297462.1899	2913394.3531
P14	297398.3822	2913925.8652
P15	297358.9631	2913624.6860
P16	297316.3311	2913330.8160
P17	297333.8522	2913601.2507
P18	297344.1794	2913935.4520
P19	297383.8922	2914027.7320
P20	297345.2277	2914334.4235
P21	297343.5422	2914483.3207
P22	297381.9077	2914497.8775
P23	297302.1688	2914328.9050
P24	297302.1688	2914558.5678
P25	297358.9631	2914561.9271
P26	297383.7926	2913934.8256
P27	297316.3311	2914334.5160
P28	297302.1688	2913925.8655
P29	297302.1688	2914027.7320
P30	297302.1688	2914334.4235
P31	297302.1688	2913925.8652
P32	297302.1688	2914027.7320
P33	297302.1688	2914334.4235
P34	297302.1688	2914027.7320
P35	297302.1688	2914334.4235
P36	297302.1688	2914027.7320
P37	297302.1688	2914334.4235
P38	297302.1688	2914027.7320
P39	297302.1688	2914334.4235
P40	297302.1688	2914027.7320
P41	297302.1688	2914334.4235
P42	297302.1688	2914027.7320
P43	297302.1688	2914334.4235
P44	297302.1688	2914027.7320
P45	297302.1688	2914334.4235
P46	297302.1688	2914027.7320
P47	297302.1688	2914334.4235
P48	297302.1688	2914027.7320
P49	297302.1688	2914334.4235
P50	297302.1688	2914027.7320
P51	297302.1688	2914334.4235
P52	297302.1688	2914027.7320
P53	297302.1688	2914334.4235
P54	297302.1688	2914027.7320
P55	297302.1688	2914334.4235
P56	297302.1688	2914027.7320
P57	297302.1688	2914334.4235
P58	297302.1688	2914027.7320
P59	297302.1688	2914334.4235
P60	297302.1688	2914027.7320

2020 K Street, NW  
Suite 200  
Washington, DC 20006  
Telephone 202.721.5200  
Facsimile 202.872.6587

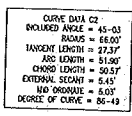
**Gensler**

**nest ASSOCIATES, INC.**  
engineers - architects - surveyors - construction managers

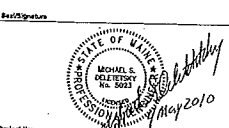


GENERAL NOTES

- ALL ENTRANCE ROADING, PAVED SURFACE PARKING AREAS AND PARKING GARAGE AREAS CURBING SHALL BE TYPE I GRANITE VERTICAL CURB.
- CONCRETE CURBING SHALL BE USED IN THE EMPLOYEE PARKING LANE.
- DIMENSIONS ARE TO FACE - CURB UNLESS OTHERWISE INDICATED.
- SEE ARCHITECTURAL PLANS FOR CONCRETE SIDEWALK JOINT PATTERN AND LAYOUT OF 2'5" FOOT WIDE ENTRANCE WALK.
- SEE STRUCTURAL PLANS FOR RADIANT HEATING DETAILS IN SIDEWALK AND CONCRETE PAVES. SEE MECHANICAL PLAN M02.02.00 FOR RADIANT HEATING LOCATIONS.
- CONTRACTOR SHALL PROVIDE TEMPORARY WATER MAIN TO MAINTAIN THE LOOP SYSTEM REQUIRED BY PORTLAND WATER DEPT. THE TEMPORARY MAIN FOR THIS WATER MAIN AND OTHER REQUIRED SERVICES SHALL BE REVERSED AND APPROVED BY PORTLAND WATER DEPT. AND THE CITY OF PORTLAND FIRE DEPARTMENT.
- PEDESTRIAN SIDEWALKS SHALL BE PROVIDED AT ALL STREET CORNERS, CROSSINGS AND DRIVEWAYS.



Item	Date & Issue Description	By	Check
1	07/11/08	WJW	AHL
2	09/22/08	WJW	AHL
3	12/03/08	WJW	AHL
4	01/23/09	WJW	AHL
5	10/26/09	WJW	FEM
6	11/12/09	WJW	FEM
7	01/12/10	WJW	TM
8	07/05/10	WJW	MSD
9	05/03/10	WJW	MSD



Project Name: PAV Terminal Enhancement

Contract Number: 09-0362.009

Contract File Name: T:\533010\SHEETS\C02.01.DWG

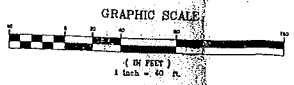
Description: SITE LAYOUT & UTILITIES PLAN

Scale: 1" = 40'

North Arrow

C02.01

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Daily Observation Report

MARCO'S TRUCK

Project: PORTLAND AIRPORT EXPANSION		Time: _____ End Time _____	Mileage: _____ End _____
Project No. 557-14	Tolls: \$2.00	_____ Beg. Time _____	_____ Begin _____
Per Diem/Lodging: _____		✓ 5 H Total Time	✓ 30 M Total

Observations:

In-Place Densities Done \_\_\_\_\_ All IPDs meet Specifications Reported to \_\_\_\_\_  
 \_\_\_\_\_ Not all IPDs meet Specifications Reported to \_\_\_\_\_

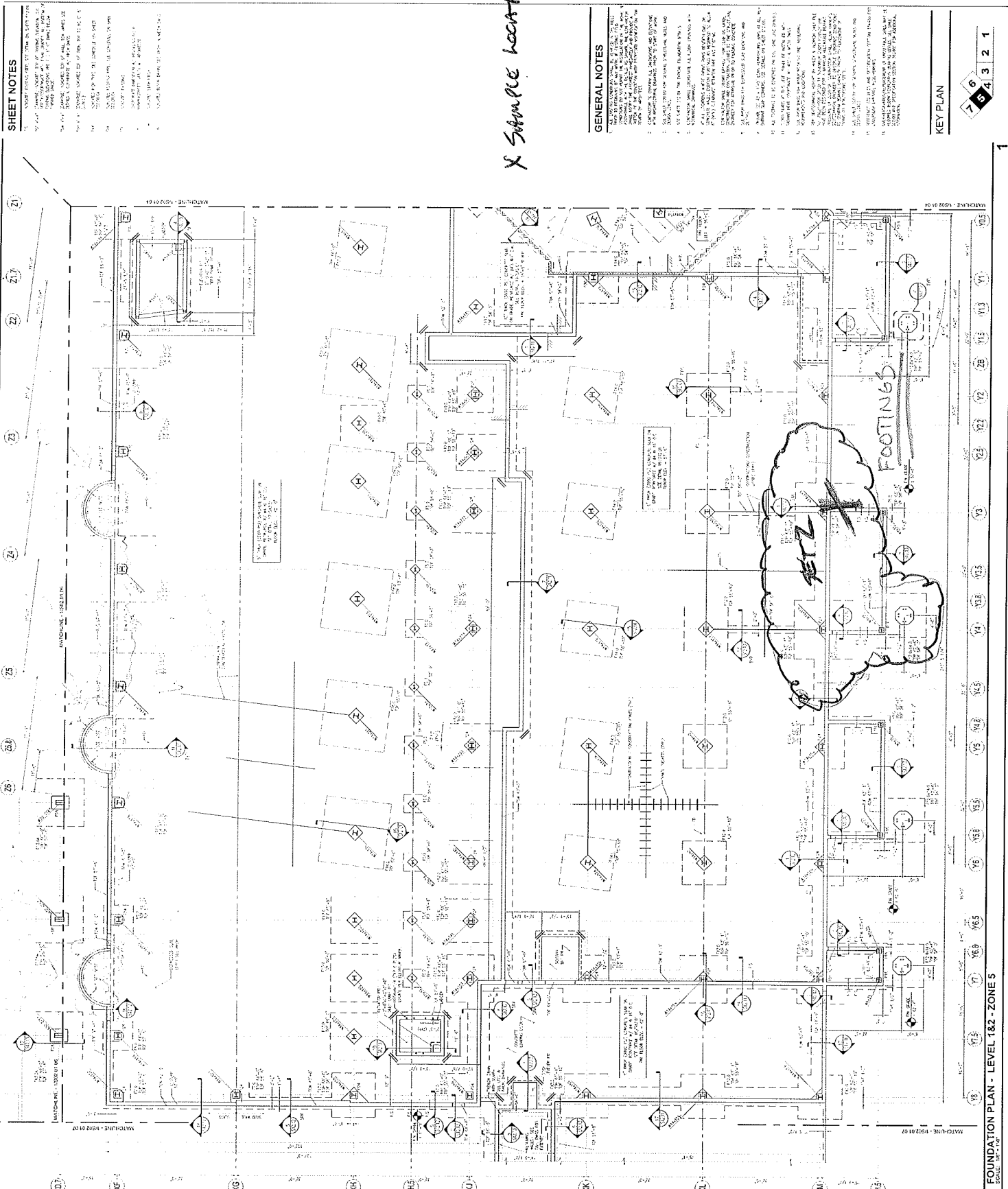
**Phone Calls:** RZC to  
 ASK IF HE NEEDED  
 SUPPLIES

DRIVE TO AIRPORT. ARRIVED JUST BEFORE CONCRETE WAS  
 SUPPOSED TO START. PERFORMED 2 SETS OF TESTS. A 4.5" SLUMP  
 AND 6.5% AIR ON THE FIRST TEST AND A 6.5" SLUMP AND  
 7% AIR ON THE SECOND TEST. IT TOOK LONGER THAN USUAL BECAUSE SUPER-  
 INTENDENT ORDERED 20 YDS IN THE MORNING AND CHANGED IT TO  
 70 YDS IN THE AFTERNOON AND AUBURN CONCRETE WAS SHORT ON TRUCKS.  
 A 5 YD BALANCE WAS ORDERED TO FINISH PLACEMENT. 2 SETS OF  
 CYLINDERS WERE CAST.

Reviewed By: MTG Signed: [Signature]

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

EEC 6/29/10 Portland Jetport - Terminal Expansion



**SHEET NOTES**

1. REFER TO SHEET 05-101 FOR GENERAL NOTES.
2. ALL FOUNDATION ELEMENTS SHALL BE CONCRETE UNLESS OTHERWISE NOTED.
3. ALL FOUNDATION ELEMENTS SHALL BE CAST IN PLACE.
4. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 4" MIN. CLEARANCE FROM ADJACENT WALLS.
5. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 4" MIN. CLEARANCE FROM ADJACENT SLABS.
6. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 4" MIN. CLEARANCE FROM ADJACENT CURBS.
7. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 4" MIN. CLEARANCE FROM ADJACENT PARTITIONS.
8. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 4" MIN. CLEARANCE FROM ADJACENT MECHANICAL ROOMS.
9. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 4" MIN. CLEARANCE FROM ADJACENT ELEVATORS.
10. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 4" MIN. CLEARANCE FROM ADJACENT STAIRS.
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15. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 4" MIN. CLEARANCE FROM ADJACENT TELECOMMUNICATIONS EQUIPMENT.
16. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 4" MIN. CLEARANCE FROM ADJACENT SECURITY EQUIPMENT.
17. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 4" MIN. CLEARANCE FROM ADJACENT FIRE EQUIPMENT.
18. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 4" MIN. CLEARANCE FROM ADJACENT HAZARDOUS MATERIAL EQUIPMENT.
19. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 4" MIN. CLEARANCE FROM ADJACENT RADIOACTIVE EQUIPMENT.
20. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 4" MIN. CLEARANCE FROM ADJACENT OTHER SENSITIVE EQUIPMENT.

**GENERAL NOTES**

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17. ALL FOUNDATION ELEMENTS SHALL BE CAST WITH 4" MIN. CLEARANCE FROM ADJACENT OTHER SENSITIVE EQUIPMENT.

**KEY PLAN**

1 2 3 4 5 6

**FOUNDATION PLAN - LEVEL 1&2 - ZONE 5**

PORTLAND INTERNATIONAL  
JETPORT  
3001 WESTBROOK STREET  
PORTLAND, MAINE 04102

**Gensler**  
**neef** ASSOCIATES, INC.  
PROJECT MANAGER: [Name]  
ARCHITECT: [Name]  
STRUCTURAL ENGINEER: [Name]

**SHEET NO. 05-101**

**DATE: 06/29/10**

**PROJECT: PORTLAND INTERNATIONAL JETPORT TERMINAL EXPANSION**

**SCALE: AS SHOWN**

**DESIGNED BY: [Name]**

**CHECKED BY: [Name]**

**APPROVED BY: [Name]**

**DATE: 06/29/10**

**PROJECT: PORTLAND INTERNATIONAL JETPORT TERMINAL EXPANSION**

**SCALE: AS SHOWN**

**DESIGNED BY: [Name]**

**CHECKED BY: [Name]**

**APPROVED BY: [Name]**

**DATE: 06/29/10**

**PROJECT: PORTLAND INTERNATIONAL JETPORT TERMINAL EXPANSION**

**SCALE: AS SHOWN**

**DESIGNED BY: [Name]**

**CHECKED BY: [Name]**

**APPROVED BY: [Name]**

**DATE: 06/29/10**

**PROJECT: PORTLAND INTERNATIONAL JETPORT TERMINAL EXPANSION**

**SCALE: AS SHOWN**

**DESIGNED BY: [Name]**

**CHECKED BY: [Name]**

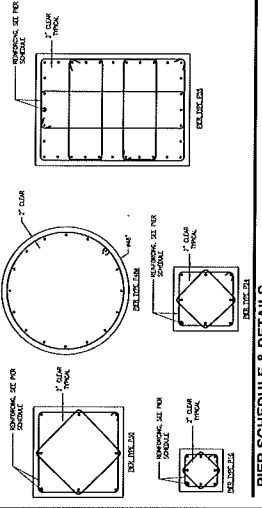
**APPROVED BY: [Name]**

**DATE: 06/29/10**



EBC 6/29/10 557-14 PORTLAND JETPORT

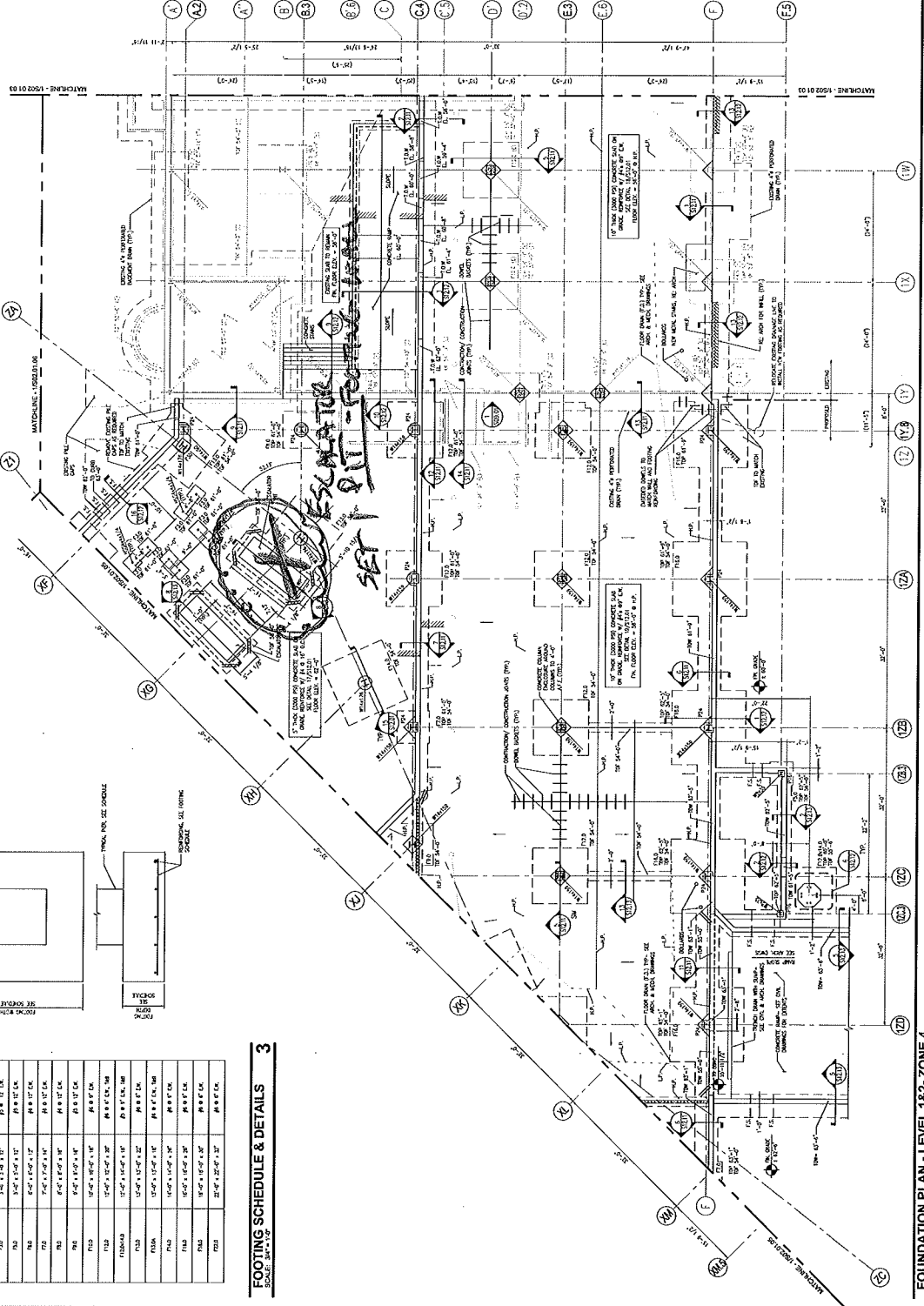
PIER TYPE	PIER SCHEDULE	
	PIER DIMENSIONS	VERTICAL REINFORCING
P1	17' x 17'	10 # 4 @ 18" O.C.
P2	21' x 21'	10 # 4 @ 18" O.C.
P3	25' x 25'	10 # 4 @ 18" O.C.
P4	29' x 29'	10 # 4 @ 18" O.C.
P5	33' x 33'	10 # 4 @ 18" O.C.
P6	37' x 37'	10 # 4 @ 18" O.C.
P7	41' x 41'	10 # 4 @ 18" O.C.
P8	45' x 45'	10 # 4 @ 18" O.C.
P9	49' x 49'	10 # 4 @ 18" O.C.
P10	53' x 53'	10 # 4 @ 18" O.C.



PIER SCHEDULE & DETAILS  
SCALE: 3/4" = 1'-0"

PIER TYPE	FOOTING DIMENSIONS (L x W)	REINFORCING
P1	24" x 24" x 1'-0"	10 # 4 @ 18" O.C.
P2	30" x 30" x 1'-0"	10 # 4 @ 18" O.C.
P3	36" x 36" x 1'-0"	10 # 4 @ 18" O.C.
P4	42" x 42" x 1'-0"	10 # 4 @ 18" O.C.
P5	48" x 48" x 1'-0"	10 # 4 @ 18" O.C.
P6	54" x 54" x 1'-0"	10 # 4 @ 18" O.C.
P7	60" x 60" x 1'-0"	10 # 4 @ 18" O.C.
P8	66" x 66" x 1'-0"	10 # 4 @ 18" O.C.
P9	72" x 72" x 1'-0"	10 # 4 @ 18" O.C.
P10	78" x 78" x 1'-0"	10 # 4 @ 18" O.C.
P11	84" x 84" x 1'-0"	10 # 4 @ 18" O.C.
P12	90" x 90" x 1'-0"	10 # 4 @ 18" O.C.
P13	96" x 96" x 1'-0"	10 # 4 @ 18" O.C.
P14	102" x 102" x 1'-0"	10 # 4 @ 18" O.C.
P15	108" x 108" x 1'-0"	10 # 4 @ 18" O.C.
P16	114" x 114" x 1'-0"	10 # 4 @ 18" O.C.
P17	120" x 120" x 1'-0"	10 # 4 @ 18" O.C.

FOOTING SCHEDULE & DETAILS  
SCALE: 3/4" = 1'-0"



FOUNDATION PLAN - LEVEL 1&2-ZONE 4  
SCALE: 1/4" = 1'-0"

- SHEET NOTES**
1. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN FEET AND INCHES. DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
  2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
  3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
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  19. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
  20. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

**Gensler**  
engineers - architects - interior - construction managers

**meef ASSOCIATES, INC.**  
engineers - architects - interior - construction managers

**Portland International Jetport**  
1001 Westbrook Street  
Portland, Maine 04102

**PROJECT LOCATION**

**GENERAL NOTES**

1. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN FEET AND INCHES. DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
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20. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

**KEY PLAN**

**FOUNDATION PLAN - LEVEL 1&2 - ZONE 4**

1/4" = 1'-0"

S02.01.04

DATE: 06/29/10  
DRAWN: [Name]  
CHECKED: [Name]  
APPROVED: [Name]

PROJECT: PORTLAND JETPORT

FOUNDATION PLAN - LEVEL 1&2 - ZONE 4

1/4" = 1'-0"

S02.01.04



**SITE WORK  
DAILY FIELD REPORT**

PROJECT: Terminal Enhancement at the Portland International Jetport

DATE: 06/30/2010

PROJECT LOCATION: Portland, Maine

PROJECT NO.: 557-14

CLIENT: City of Portland

WEATHER: Sun

CONTRACTOR: Turner Construction Co.

PREVIOUS DATE ON SITE: 06/29/2010

Time on-site at 11.5 hrs, 40 mi travel, Tolls: \$2.00  
✓Nuc. Densometer – 1 day (L 244)

**AREA 'A'**

Upper lot: No work observed.

**AREA 'B'**

Gorham Sand & Gravel backfilled geothermal line and water lateral tie-ins and used a vibratory roller and vibratory plate compactor were used to compact backfill. Seventeen in-place densities (IPD's) were taken on common fill (sample #11194), subbase gravel (sample #11175) and common fill (sample #11280) material. IPD's met specification of 92% or 95% of maximum density. See attached IPD report and sketch for test locations.

**AREA 'C'**

Concrete was placed at several locations for footings and walls in building addition zones 4 and 5. Concrete was tested by RWG&A's Erik Cohenour. See Erik's daily and concrete report for more details.

*RRC*

\_\_\_\_\_  
Rodney Collard

Prepared By

*Matthew J. Grady*

\_\_\_\_\_  
Matthew Grady

Reviewed By

\_\_\_\_\_  
R. W. Gillespie & Associates 86 industrial Park Rd., Suite 4, Saco, ME 04072- (207)286-8008

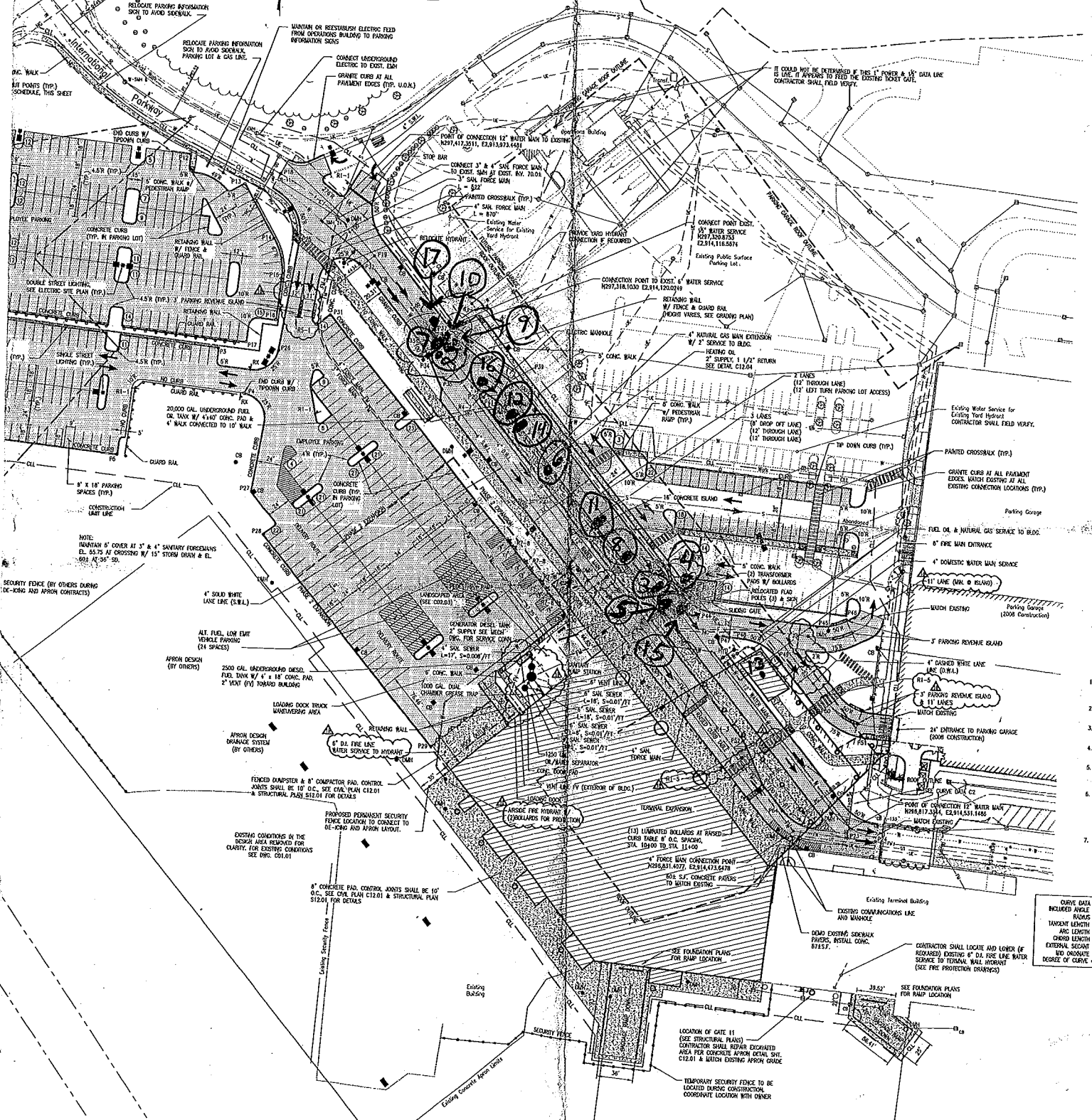
557-14 Portland Jetport  
 6/30/10 Rodney Collard  
 R.R.C.

Sanitary Structure Schedule

DESC.	RM	INV. IN	INV. ON	INV. AT	INV. OUT
PS 0A-1	62.50	57.00 (6')	56.91 (6')	57.16 (4')	(17')
					CON. PAVER
					SEPARATOR

NOTE:  
 SAN. DIAL. DIA. 2 & GAS REMOVED FROM PLAN PER PUMP STATION ELEVATION.

CURVE DATA C1  
 INCLUDE ANGLE = 23-44  
 RADIUS = 325.00'  
 TANGENT LENGTH = 68.29'  
 ARC LENGTH = 134.83'  
 CHORD LENGTH = 133.60'  
 EXTERNAL SECANT = 7.09'  
 MID ORDINATE = 4.84'  
 DEGREE OF CURVE = 17-35



CURVE DATA C  
 INCLUDE ANGLE =  
 RADIUS =  
 TANGENT LENGTH =  
 ARC LENGTH =  
 CHORD LENGTH =  
 EXTERNAL SECANT =  
 MID ORDINATE =  
 DEGREE OF CURVE =



Daily Observation Report

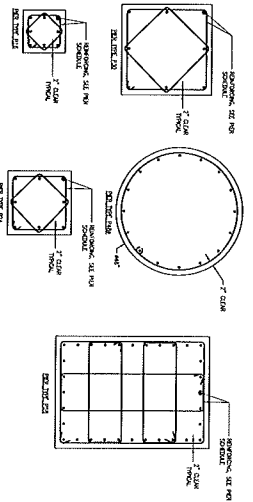
Project: <u>PORTLAND JETPORT EXPANSION</u> Project No.: <u>557-14</u> Tolls: <u>\$1,00</u> Per Diem/Lodging: _____	Time: _____ End Time _____ _____ Beg. Time _____ ✓ <u>5.5</u> Total Time	Mileage: _____ End _____ _____ Begin _____ ✓ <u>36m</u> Total
--	--	---

Observations: \_\_\_\_\_  
 In-Place Densities Done \_\_\_\_\_ All IPDs meet Specifications Reported to \_\_\_\_\_  
 \_\_\_\_\_ Not all IPDs meet Specifications Reported to \_\_\_\_\_

**Phone Calls:** DRIVE FROM GORHAM TO THE JETPORT TO HELP RRC WITH CONCRETE  
70 YARDS WAS ORDERED TO STAY THE DAY. I TESTED THE SECOND  
AND SIXTH LOADS. THE PLACEMENT OF ALL CONCRETE IS ON THE  
ATTACHED SHEETES. ON THE TESTS FOR THE SECOND LOAD, THE SLUMP WAS 4.5" AND  
THERE WAS 5.1% AIR. ON THE TESTS FOR THE SIXTH LOAD, THE SLUMP WAS 5.8" AND  
THERE WAS 6.2% AIR. A 4 YARD BALANCE WAS ORDERED TO FINISH WHAT THEY NEEDED  
TO.

Reviewed By: MJB      Signed: [Signature]

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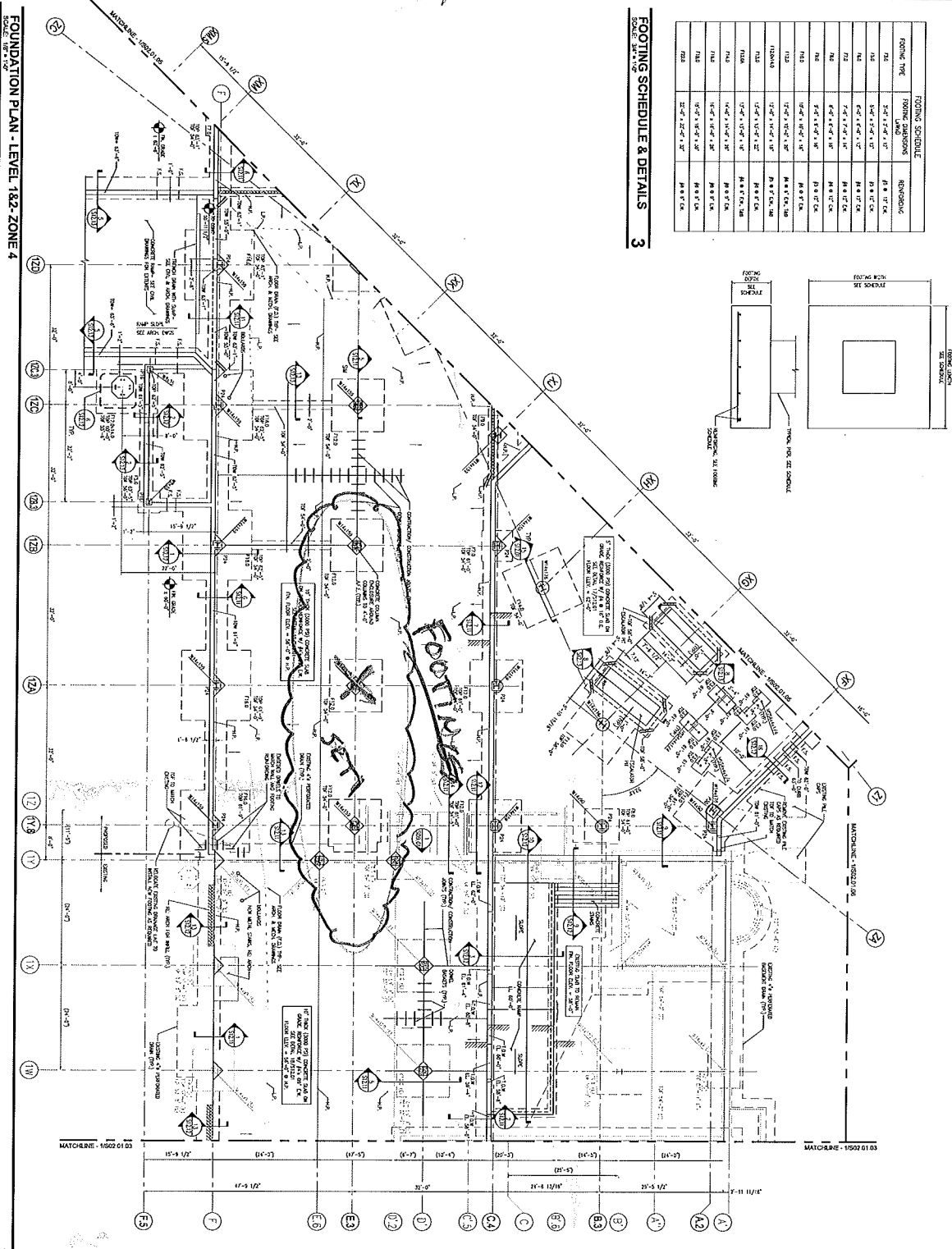


PIER TYPE	PIER DIMENSIONS	VERTICAL REINFORCEMENT	NO.
P1	12' x 12'	3# 10 @ 12" O.C.	36
P2	12' x 12'	3# 10 @ 12" O.C.	36
P3	12' x 12'	3# 10 @ 12" O.C.	36
P4	12' x 12'	3# 10 @ 12" O.C.	36
P5	12' x 12'	3# 10 @ 12" O.C.	36
P6	12' x 12'	3# 10 @ 12" O.C.	36
P7	12' x 12'	3# 10 @ 12" O.C.	36
P8	12' x 12'	3# 10 @ 12" O.C.	36
P9	12' x 12'	3# 10 @ 12" O.C.	36
P10	12' x 12'	3# 10 @ 12" O.C.	36
P11	12' x 12'	3# 10 @ 12" O.C.	36
P12	12' x 12'	3# 10 @ 12" O.C.	36
P13	12' x 12'	3# 10 @ 12" O.C.	36
P14	12' x 12'	3# 10 @ 12" O.C.	36
P15	12' x 12'	3# 10 @ 12" O.C.	36
P16	12' x 12'	3# 10 @ 12" O.C.	36
P17	12' x 12'	3# 10 @ 12" O.C.	36
P18	12' x 12'	3# 10 @ 12" O.C.	36
P19	12' x 12'	3# 10 @ 12" O.C.	36
P20	12' x 12'	3# 10 @ 12" O.C.	36
P21	12' x 12'	3# 10 @ 12" O.C.	36
P22	12' x 12'	3# 10 @ 12" O.C.	36
P23	12' x 12'	3# 10 @ 12" O.C.	36
P24	12' x 12'	3# 10 @ 12" O.C.	36
P25	12' x 12'	3# 10 @ 12" O.C.	36
P26	12' x 12'	3# 10 @ 12" O.C.	36
P27	12' x 12'	3# 10 @ 12" O.C.	36
P28	12' x 12'	3# 10 @ 12" O.C.	36
P29	12' x 12'	3# 10 @ 12" O.C.	36
P30	12' x 12'	3# 10 @ 12" O.C.	36
P31	12' x 12'	3# 10 @ 12" O.C.	36
P32	12' x 12'	3# 10 @ 12" O.C.	36
P33	12' x 12'	3# 10 @ 12" O.C.	36
P34	12' x 12'	3# 10 @ 12" O.C.	36
P35	12' x 12'	3# 10 @ 12" O.C.	36
P36	12' x 12'	3# 10 @ 12" O.C.	36
P37	12' x 12'	3# 10 @ 12" O.C.	36
P38	12' x 12'	3# 10 @ 12" O.C.	36
P39	12' x 12'	3# 10 @ 12" O.C.	36
P40	12' x 12'	3# 10 @ 12" O.C.	36
P41	12' x 12'	3# 10 @ 12" O.C.	36
P42	12' x 12'	3# 10 @ 12" O.C.	36
P43	12' x 12'	3# 10 @ 12" O.C.	36
P44	12' x 12'	3# 10 @ 12" O.C.	36
P45	12' x 12'	3# 10 @ 12" O.C.	36
P46	12' x 12'	3# 10 @ 12" O.C.	36
P47	12' x 12'	3# 10 @ 12" O.C.	36
P48	12' x 12'	3# 10 @ 12" O.C.	36
P49	12' x 12'	3# 10 @ 12" O.C.	36
P50	12' x 12'	3# 10 @ 12" O.C.	36

PIER SCHEDULE & DETAILS  
SCALE: 1/4" = 1'-0"

FOOTING TYPE	FOOTING DIMENSIONS	REINFORCEMENT
F1	24" x 24" x 12"	#3 @ 12" O.C.
F2	24" x 24" x 12"	#3 @ 12" O.C.
F3	24" x 24" x 12"	#3 @ 12" O.C.
F4	24" x 24" x 12"	#3 @ 12" O.C.
F5	24" x 24" x 12"	#3 @ 12" O.C.
F6	24" x 24" x 12"	#3 @ 12" O.C.
F7	24" x 24" x 12"	#3 @ 12" O.C.
F8	24" x 24" x 12"	#3 @ 12" O.C.
F9	24" x 24" x 12"	#3 @ 12" O.C.
F10	24" x 24" x 12"	#3 @ 12" O.C.
F11	24" x 24" x 12"	#3 @ 12" O.C.
F12	24" x 24" x 12"	#3 @ 12" O.C.
F13	24" x 24" x 12"	#3 @ 12" O.C.
F14	24" x 24" x 12"	#3 @ 12" O.C.
F15	24" x 24" x 12"	#3 @ 12" O.C.
F16	24" x 24" x 12"	#3 @ 12" O.C.
F17	24" x 24" x 12"	#3 @ 12" O.C.
F18	24" x 24" x 12"	#3 @ 12" O.C.
F19	24" x 24" x 12"	#3 @ 12" O.C.
F20	24" x 24" x 12"	#3 @ 12" O.C.
F21	24" x 24" x 12"	#3 @ 12" O.C.
F22	24" x 24" x 12"	#3 @ 12" O.C.
F23	24" x 24" x 12"	#3 @ 12" O.C.
F24	24" x 24" x 12"	#3 @ 12" O.C.
F25	24" x 24" x 12"	#3 @ 12" O.C.
F26	24" x 24" x 12"	#3 @ 12" O.C.
F27	24" x 24" x 12"	#3 @ 12" O.C.
F28	24" x 24" x 12"	#3 @ 12" O.C.
F29	24" x 24" x 12"	#3 @ 12" O.C.
F30	24" x 24" x 12"	#3 @ 12" O.C.
F31	24" x 24" x 12"	#3 @ 12" O.C.
F32	24" x 24" x 12"	#3 @ 12" O.C.
F33	24" x 24" x 12"	#3 @ 12" O.C.
F34	24" x 24" x 12"	#3 @ 12" O.C.
F35	24" x 24" x 12"	#3 @ 12" O.C.
F36	24" x 24" x 12"	#3 @ 12" O.C.
F37	24" x 24" x 12"	#3 @ 12" O.C.
F38	24" x 24" x 12"	#3 @ 12" O.C.
F39	24" x 24" x 12"	#3 @ 12" O.C.
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F42	24" x 24" x 12"	#3 @ 12" O.C.
F43	24" x 24" x 12"	#3 @ 12" O.C.
F44	24" x 24" x 12"	#3 @ 12" O.C.
F45	24" x 24" x 12"	#3 @ 12" O.C.
F46	24" x 24" x 12"	#3 @ 12" O.C.
F47	24" x 24" x 12"	#3 @ 12" O.C.
F48	24" x 24" x 12"	#3 @ 12" O.C.
F49	24" x 24" x 12"	#3 @ 12" O.C.
F50	24" x 24" x 12"	#3 @ 12" O.C.

FOOTING SCHEDULE & DETAILS  
SCALE: 3/4" = 1'-0"



**GENERAL NOTES**

1. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET AND INCHES.
2. ALL REINFORCEMENT SHALL BE AS SHOWN ON THE DRAWINGS.
3. ALL REINFORCEMENT SHALL BE PLACED AS SHOWN ON THE DRAWINGS.
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20. ALL REINFORCEMENT SHALL BE PLACED AS SHOWN ON THE DRAWINGS.

**KEY PLAN**

7 6 5 4 3 2 1

**SHEET NOTES**

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3. ALL REINFORCEMENT SHALL BE PLACED AS SHOWN ON THE DRAWINGS.
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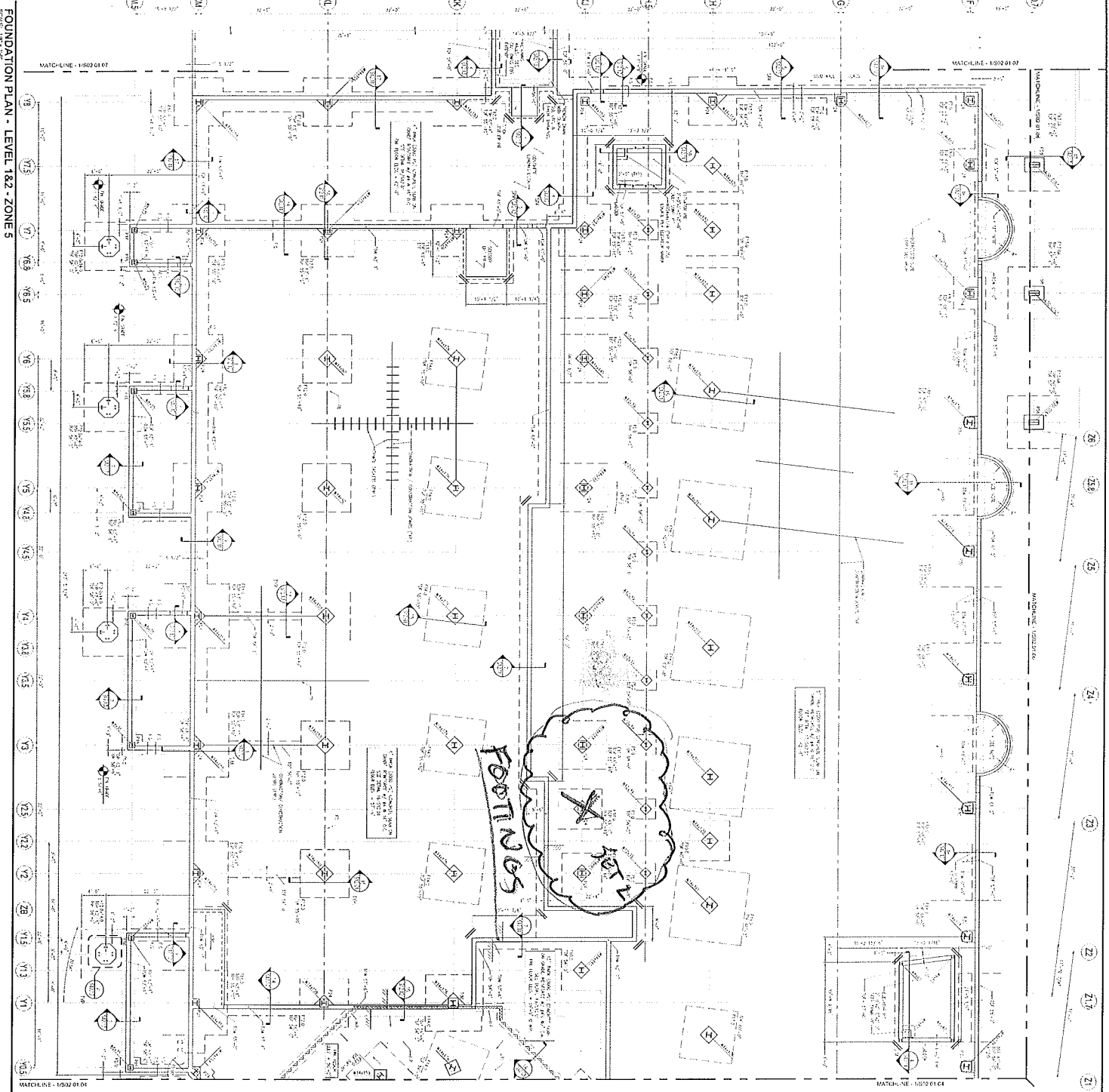
**PORTLAND INTERNATIONAL JETPORT**  
1001 Westbrook Street  
Portland, Maine 04102

**Gensler**

**oast ASSOCIATES, INC.**  
ENGINEER - CONTRACTOR - ARCHITECT - COLLABORATION THROUGHOUT

**S02.01.04**

10/30/10 EEC 557-14 PORTLAND JETPORT



FOUNDATION PLAN - LEVEL 1&2 - ZONE 5  
SCALE: 1/4" = 1'-0"

SHEET NOTES

1. VERIFY FIELD NO. SYSTEM WITH FIELD NO. SYSTEM ON DRAWING.
2. VERIFY FIELD NO. SYSTEM WITH FIELD NO. SYSTEM ON DRAWING.
3. VERIFY FIELD NO. SYSTEM WITH FIELD NO. SYSTEM ON DRAWING.
4. VERIFY FIELD NO. SYSTEM WITH FIELD NO. SYSTEM ON DRAWING.
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9. VERIFY FIELD NO. SYSTEM WITH FIELD NO. SYSTEM ON DRAWING.
10. VERIFY FIELD NO. SYSTEM WITH FIELD NO. SYSTEM ON DRAWING.

*Thompson Warrick*

GENERAL NOTES

1. FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL GEOTECHNICAL ENGINEERING CODE OF PRACTICE (IGEC).
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10. FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL GEOTECHNICAL ENGINEERING CODE OF PRACTICE (IGEC).

KEY PLAN



Portland International  
Jetport  
101 Westbrook Street  
Portland, Maine 04102

Gensler

**masf** ASSOCIATES, INC.  
195 WEST 12TH STREET, SUITE 200  
PORTLAND, MAINE 04102



S02.01.05

Daily Observation Report

Project: <u>PORTLAND JETPORT</u>	Time: <u>11:45</u> End Time	Mileage: _____ End
Project No.: <u>557-14</u>	Tolls: <u>3.00</u>	_____ Begin
Per Diem/Lodging:	✓ <u>11:00</u> Beg. Time	_____ Total
	✓ <u>.75</u> Total Time	✓ <u>30</u> Total

Observations:

In-Place Densities Done \_\_\_\_\_ All IPDs meet Specifications Reported to \_\_\_\_\_  
 \_\_\_\_\_ Not all IPDs meet Specifications Reported to \_\_\_\_\_

Phone Calls:

TRAVEL TO SITE TO PROP OFF NUC BARRIERS TO RODNEY.

Reviewed By: MIC

Signed: [Signature] JMB

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



**SITE WORK  
DAILY FIELD REPORT**

PROJECT: Terminal Enhancement at the Portland International Jetport  
DATE: 07/1/2010  
PROJECT LOCATION: Portland, Maine      PROJECT NO.: 557-14  
CLIENT: City of Portland      WEATHER: Sun  
CONTRACTOR: Turner Construction Co.  
PREVIOUS DATE ON SITE: 06/30/2010

Time on-site at 11 hrs, 40 mi travel, Tolls: \$2.00  
Nuc. Densometer – 1 day (L 244)

**AREA 'A'**

Upper lot: No work observed.

**AREA 'B'**

Gorham Sand & Gravel backfilled geothermal line and drainage pipes using a vibratory roller and vibratory plate compactor to compact backfill. Six in-place densities (IPD's) were taken on poorly graded sand (sample #11194), sub-base gravel (sample #11175) and common fill (sample #11280) material. IPD's met specification of 92% or 95% of maximum density. See attached IPD report and sketch for test locations.

**AREA 'C'**

Concrete was placed at several locations for footings and walls. Concrete was tested by RWG&A's Erik Cohenour. See Erik's daily and concrete report for more details.

*RPC*

\_\_\_\_\_  
Rodney Collard

Prepared By

*Matthew J. Grady*

\_\_\_\_\_  
Matthew Grady

Reviewed By

\_\_\_\_\_  
R. W. Gillespie & Associates 86 industrial Park Rd., Suite 4, Saco, ME 04072- (207)286-8008





Portland Jetport 557-14


Rodney Collard 7/1/10

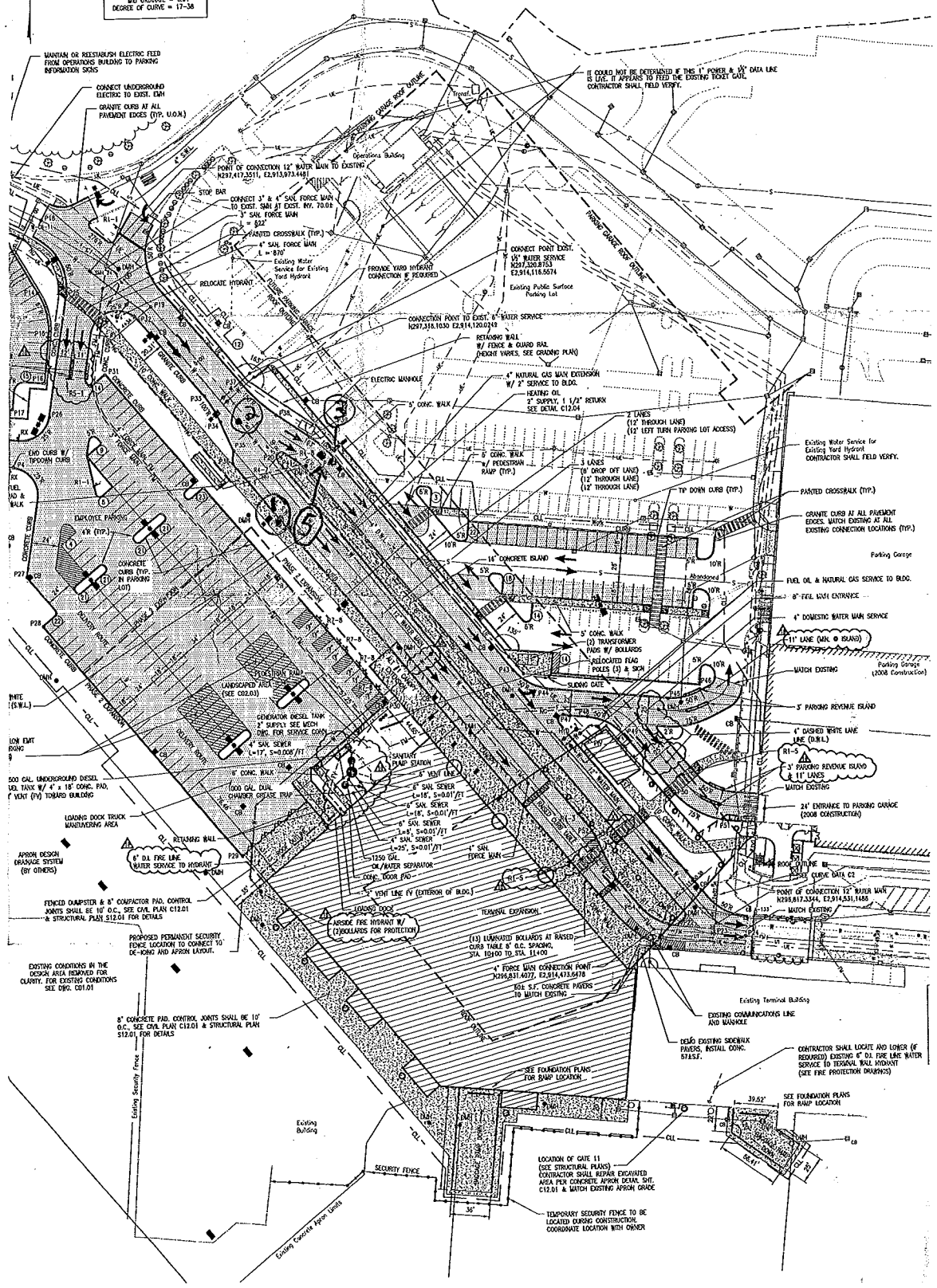
Sanitary Structure Schedule

DESC.	RM	BY. H.	BY. DI.	BY. H.	BY. DI.	BY. OUT
PS 04-1	62.50	57.00 (4") FROM BLDG.	54.00 (8") OIL/WATER SEPARATOR	57.18 (4") GREASE TRAP	57.18 (4")	(17)

NOTE:  
SINK OIL, OIL & GAS REMOVED FROM PLAN PER PUMP STATION RELOCATION.

CURVE DATA C1  
 INCLUDED ANGLE = 23-44  
 RADIUS = 315.00'  
 TANGENT LENGTH = 65.29'  
 ARC LENGTH = 118.43'  
 CHORD LENGTH = 133.65'  
 EXTERNAL SIGHT = 7.00'  
 MID ORDINATE = 6.94'  
 DEGREE OF CURVE = 17-36

 = In Place Density Location



C02.01

Daily Observation Report

Project: <u>PORTLAND AIRPORT EXPANSION</u>		Time: _____	End Time _____	Mileage: _____	End _____
Project No.: <u>557-14</u>	Tolls: <u>2.00</u>	_____		Beg. Time _____	Begin _____
Per Diem/Lodging: _____		✓ <u>4</u>	Total Time _____	✓ <u>40</u>	Total _____

Observations: \_\_\_\_\_

In-Place Densities Done \_\_\_\_\_ All IPDs meet Specifications Reported to \_\_\_\_\_

Not all IPDs meet Specifications Reported to \_\_\_\_\_

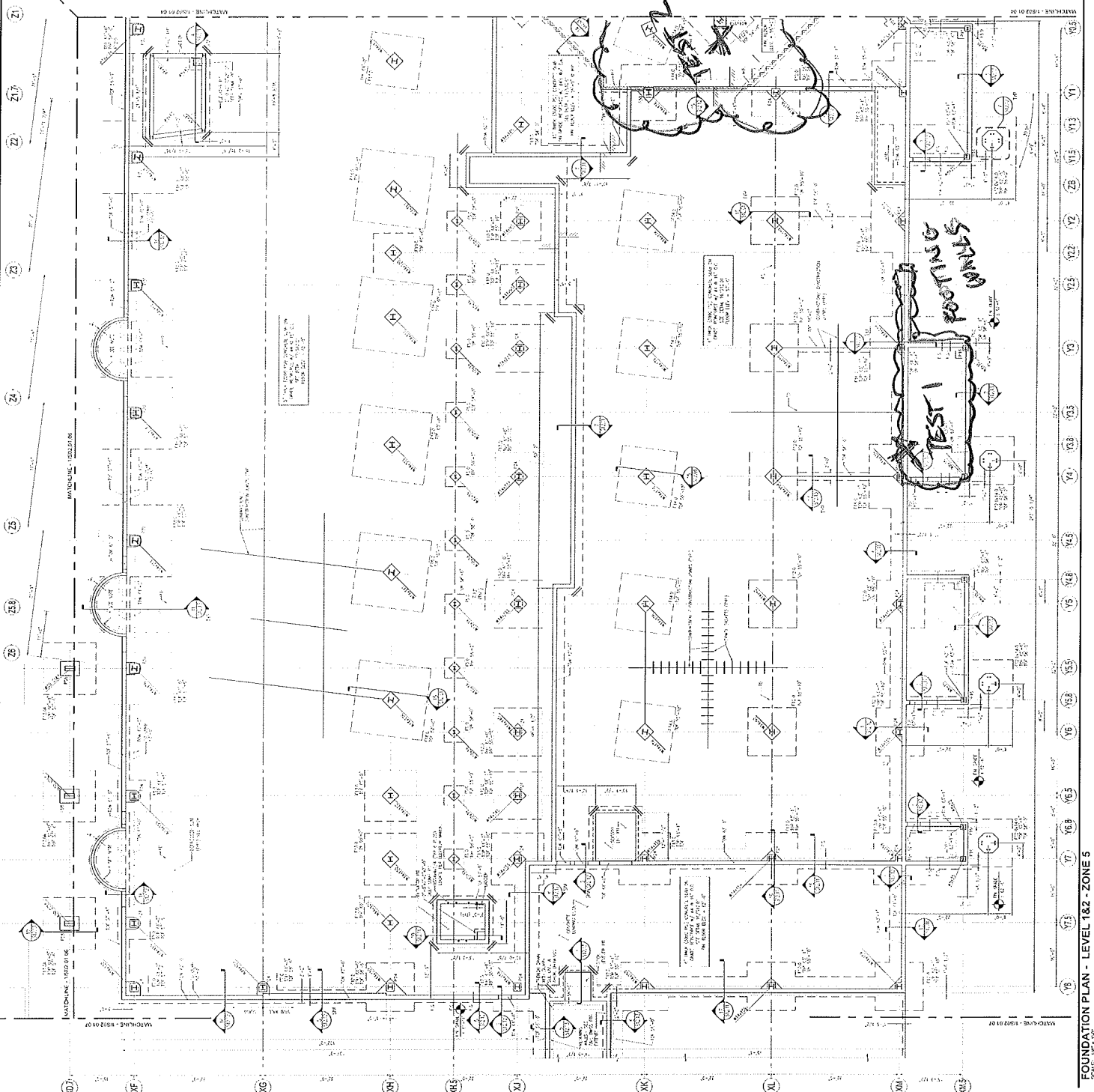
**Phone Calls:**

DROVE TO SITE FROM OOB POLICE STATION AND ARRIVED AT AROUND 12:30. ASKED RRC IF HE KNEW WHERE POURING WAS HAPPENING. HE DIDN'T KNOW FOR SURE. FOUND CONCRETE FOREMAN AND HE POINTED IT OUT AND SAID HE ORDERED 90 YARDS FOR THE DAY. HE ALSO INFORMED ME THAT THERE WILL BE NO PLACEMENT 7/2/10. THE FIRST CONCRETE TRUCK ARRIVED AT 1:25. DID THE FIRST TEST ON THE FIRST LOAD WHICH SLUMPED 5.5" AND HAD 6% AIR. THE SECOND TEST HAD A SLUMP OF 6.5" AND 7% AIR. I LET THE 6.5" SLUMP GO BECAUSE OF THE MID-RANGE WATER REDUCER IN THE MIX. LEFT SITE AT 4:15

Reviewed By: *Matthew J. Goff* Signed: *[Signature]*

<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 _____	

7/11/10 EEC 557-124 PORTLAND JETPORT



**SHEET NOTES**

1. VERIFY ALL DIMENSIONS AND LOCATIONS OF ALL STRUCTURAL ELEMENTS AND FOUNDATIONS WITH THE FIELD ENGINEER AND ARCHITECT BEFORE CONSTRUCTION.
2. ALL FOUNDATIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODES AND THE LATEST EDITIONS OF THE FOUNDATION DESIGN AND CONSTRUCTION HANDBOOKS.
3. ALL FOUNDATIONS SHALL BE CONSTRUCTED WITH A MINIMUM OF 12" CLEARANCE FROM ALL ADJACENT FOUNDATIONS AND STRUCTURES.
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X SAMPLE BEATTEN

Portland International  
Jetport  
1001 Westbrook Street  
Portland, Maine 04102

**Genster**

**oest ASSOCIATES, INC.**  
1001 Westbrook Street  
Portland, ME 04102

**GENERAL NOTES**

1. VERIFY ALL DIMENSIONS AND LOCATIONS OF ALL STRUCTURAL ELEMENTS AND FOUNDATIONS WITH THE FIELD ENGINEER AND ARCHITECT BEFORE CONSTRUCTION.
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S02.01.05

7 6 5 4 3 2 1

KEY PLAN

FOUNDATION PLAN - LEVEL 1&2 - ZONE 5

7/1/10 EEC 557-14 PORTLAND JETPORT

**Portland International Jetport**  
 1001 Westbrook Street  
 Portland, Maine 04102

**Gensler**

**MBST ASSOCIATES, INC.**  
 engineers - architects - interior - construction managers

2023 S. Down St.  
 Suite 100  
 Portland, ME 04106  
 Phone: 603.733.0000  
 Fax: 603.733.0000

**SHEET NOTES**

1. REFER TO THE GENERAL NOTES FOR THE PROJECT.
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**GENERAL NOTES**

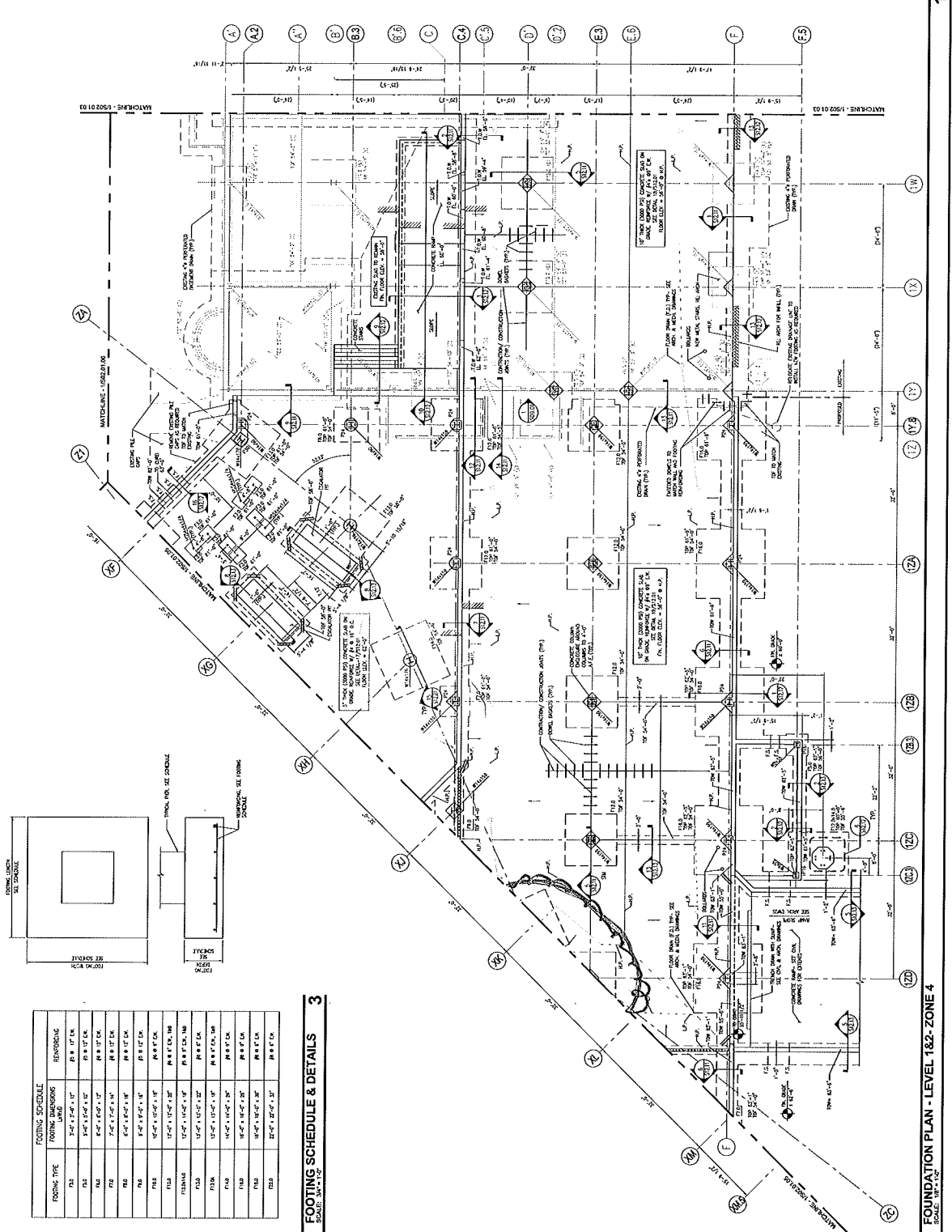
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES.
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**KEY PLAN**

FOUNDATION PLAN - LEVEL 182 - ZONE 4

SCALE: 1/8" = 1'-0"

S02.01.04

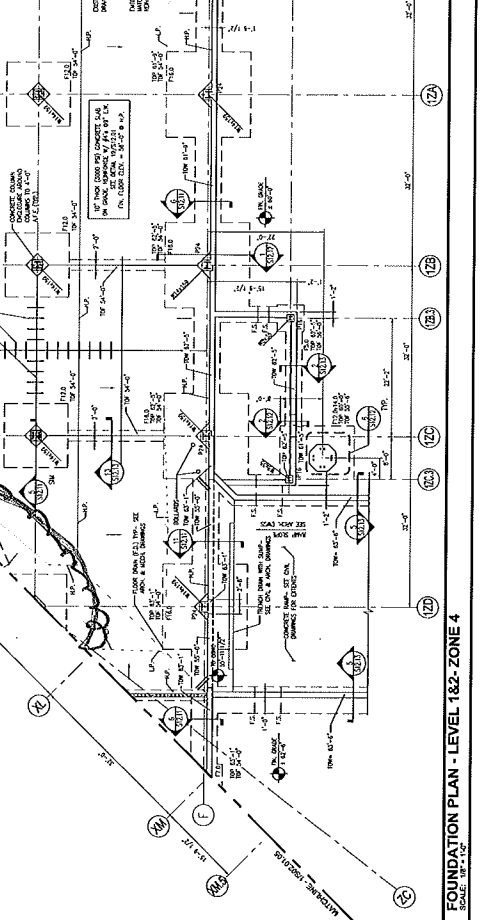


**PIER SCHEDULE & DETAILS**  
 SCALE: 3/4" = 1'-0"

PIER TYPE	PER DIMENSIONS	VERTICAL REINFORCING	TOS
P1	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P2	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P3	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P4	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P5	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P6	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P7	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P8	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P9	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P10	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P11	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P12	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P13	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P14	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P15	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P16	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P17	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P18	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P19	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P20	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P21	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P22	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P23	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.
P24	12" x 12"	#3 @ 12" O.C.	#3 @ 12" O.C.

**FOOTING SCHEDULE & DETAILS**  
 SCALE: 3/4" = 1'-0"

FOOTING TYPE	REINFORCING
F1	#3 @ 12" O.C.
F2	#3 @ 12" O.C.
F3	#3 @ 12" O.C.
F4	#3 @ 12" O.C.
F5	#3 @ 12" O.C.
F6	#3 @ 12" O.C.
F7	#3 @ 12" O.C.
F8	#3 @ 12" O.C.
F9	#3 @ 12" O.C.
F10	#3 @ 12" O.C.
F11	#3 @ 12" O.C.
F12	#3 @ 12" O.C.
F13	#3 @ 12" O.C.
F14	#3 @ 12" O.C.
F15	#3 @ 12" O.C.
F16	#3 @ 12" O.C.
F17	#3 @ 12" O.C.
F18	#3 @ 12" O.C.
F19	#3 @ 12" O.C.
F20	#3 @ 12" O.C.
F21	#3 @ 12" O.C.
F22	#3 @ 12" O.C.
F23	#3 @ 12" O.C.
F24	#3 @ 12" O.C.





**SITE WORK  
DAILY FIELD REPORT**

PROJECT: Terminal Enhancement at the Portland International Jetport

DATE: 07/2/2010

PROJECT LOCATION: Portland, Maine

PROJECT NO.: 557-14

CLIENT: City of Portland

WEATHER: Sun

CONTRACTOR: Turner Construction Co.

PREVIOUS DATE ON SITE: 07/1/2010

Time on-site at 5.5 hrs, 40 mi travel, Tolls: \$2.00  
Nuc. Densometer – 1/2 day (L 244)

**AREA 'A'**

Upper lot: No work observed.

**AREA 'B'**

No work observed

**AREA 'C'**

Gorham Sand & Gravel backfilled foundation walls and footings using a vibratory plate compactor to compact backfill. Six in-place densities (IPD's) were taken sub-base gravel (sample #11175) material. IPD's met specification of 95% of maximum density. See attached IPD report and sketch for test locations.

*RRC*

\_\_\_\_\_  
Rodney Collard

Prepared By

*Matthew Grady*

\_\_\_\_\_  
Matthew Grady

Reviewed By

\_\_\_\_\_  
R. W. Gillespie & Associates 86 industrial Park Rd., Suite 4, Saco, ME 04072- (207)286-8008

Portland Jetport 201-17  
 Rodney Callard RRC

**Portland International Jetport**  
 1001 Westbrook Street  
 Portland, Maine 04102

**Genster**

**MESE ASSOCIATES, INC.**  
 REGISTERED PROFESSIONAL ENGINEERS - STRUCTURAL CONSTRUCTION TECHNOLOGY

2000 E. Main St., Suite 100  
 Portland, ME 04102  
 Tel: 603-761-1100  
 Fax: 603-761-1101  
 E-mail: info@meassociates.com

**SHEET NOTES**

1. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET AND INCHES.
2. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE TO FACE UNLESS OTHERWISE NOTED.
3. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
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**KEY PLAN**

FOUNDATION PLAN - LEVEL 1&2 - ZONE 4

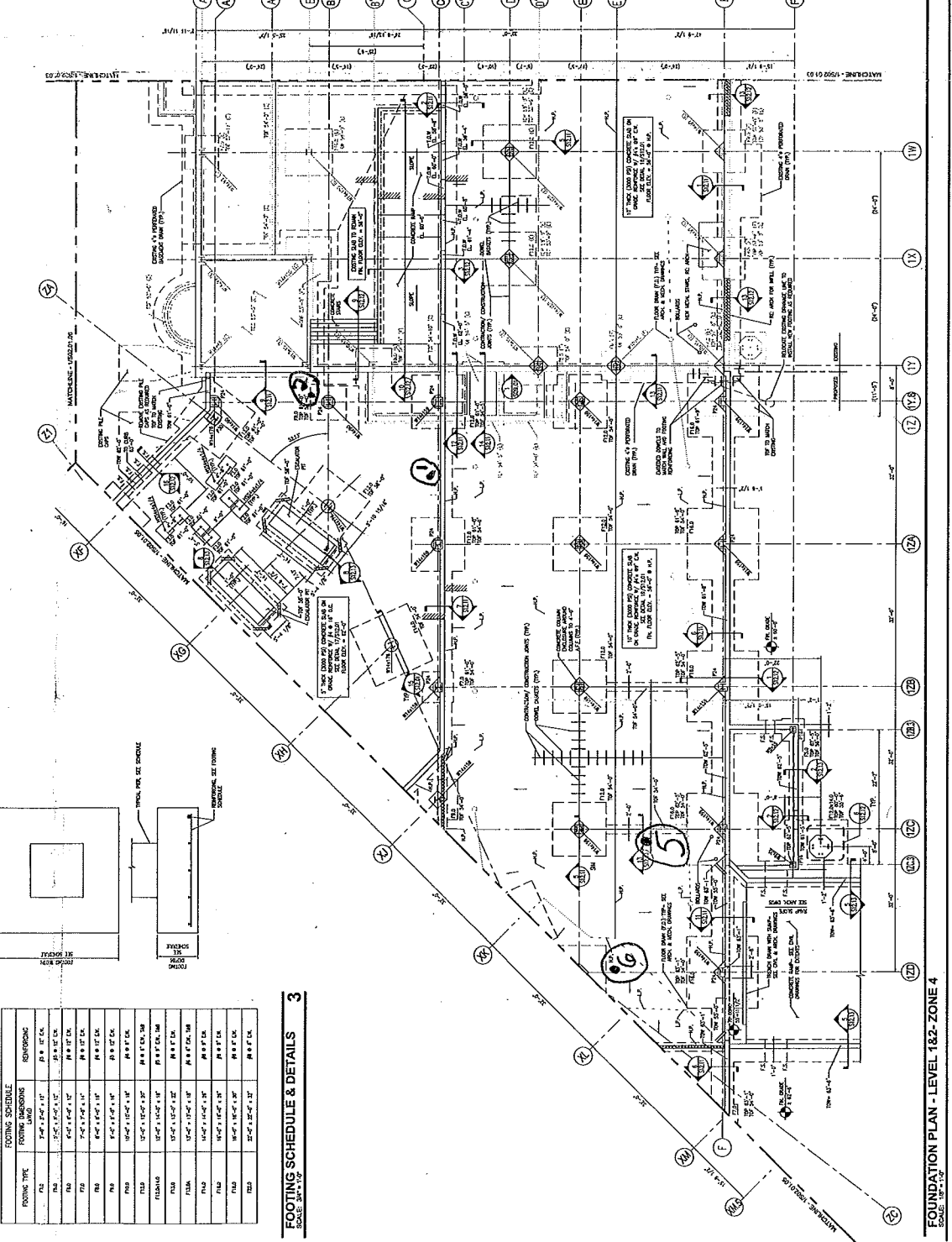
SCALE: 1/8" = 1'-0"

S02.01.04

**PIER SCHEDULE & DETAILS**

SCALE: 3/8" = 1'-0"

PIER TYPE	FOOTING DIMENSIONS (L x W)	CONCRETE
P1	10'-0" x 10'-0"	CONCRETE
P2	10'-0" x 10'-0"	CONCRETE
P3	10'-0" x 10'-0"	CONCRETE
P4	10'-0" x 10'-0"	CONCRETE
P5	10'-0" x 10'-0"	CONCRETE
P6	10'-0" x 10'-0"	CONCRETE
P7	10'-0" x 10'-0"	CONCRETE
P8	10'-0" x 10'-0"	CONCRETE
P9	10'-0" x 10'-0"	CONCRETE
P10	10'-0" x 10'-0"	CONCRETE
P11	10'-0" x 10'-0"	CONCRETE
P12	10'-0" x 10'-0"	CONCRETE
P13	10'-0" x 10'-0"	CONCRETE
P14	10'-0" x 10'-0"	CONCRETE
P15	10'-0" x 10'-0"	CONCRETE
P16	10'-0" x 10'-0"	CONCRETE
P17	10'-0" x 10'-0"	CONCRETE
P18	10'-0" x 10'-0"	CONCRETE
P19	10'-0" x 10'-0"	CONCRETE
P20	10'-0" x 10'-0"	CONCRETE



**FOOTING SCHEDULE & DETAILS**

SCALE: 3/8" = 1'-0"

FOOTING TYPE	FOOTING DIMENSIONS (L x W)	CONCRETE
F1	10'-0" x 10'-0"	CONCRETE
F2	10'-0" x 10'-0"	CONCRETE
F3	10'-0" x 10'-0"	CONCRETE
F4	10'-0" x 10'-0"	CONCRETE
F5	10'-0" x 10'-0"	CONCRETE
F6	10'-0" x 10'-0"	CONCRETE
F7	10'-0" x 10'-0"	CONCRETE
F8	10'-0" x 10'-0"	CONCRETE
F9	10'-0" x 10'-0"	CONCRETE
F10	10'-0" x 10'-0"	CONCRETE
F11	10'-0" x 10'-0"	CONCRETE
F12	10'-0" x 10'-0"	CONCRETE
F13	10'-0" x 10'-0"	CONCRETE
F14	10'-0" x 10'-0"	CONCRETE
F15	10'-0" x 10'-0"	CONCRETE
F16	10'-0" x 10'-0"	CONCRETE
F17	10'-0" x 10'-0"	CONCRETE
F18	10'-0" x 10'-0"	CONCRETE
F19	10'-0" x 10'-0"	CONCRETE
F20	10'-0" x 10'-0"	CONCRETE

FOUNDATION PLAN - LEVEL 1&2 - ZONE 4  
 SCALE: 1/8" = 1'-0"

Portland Jetport 557-14 7/2/10  
Rodney Collard

**Portland International Jetport**  
1001 Westbank Blvd  
Portland, Maine 04102

**Gensler**

**WEST ASSOCIATES, INC.**  
ARCHITECTS - ENGINEERS - INTERIOR DESIGNERS

207.633.4100  
1001 Westbank Blvd  
Portland, ME 04102  
Project No. 05210002

**SHEET NOTES**

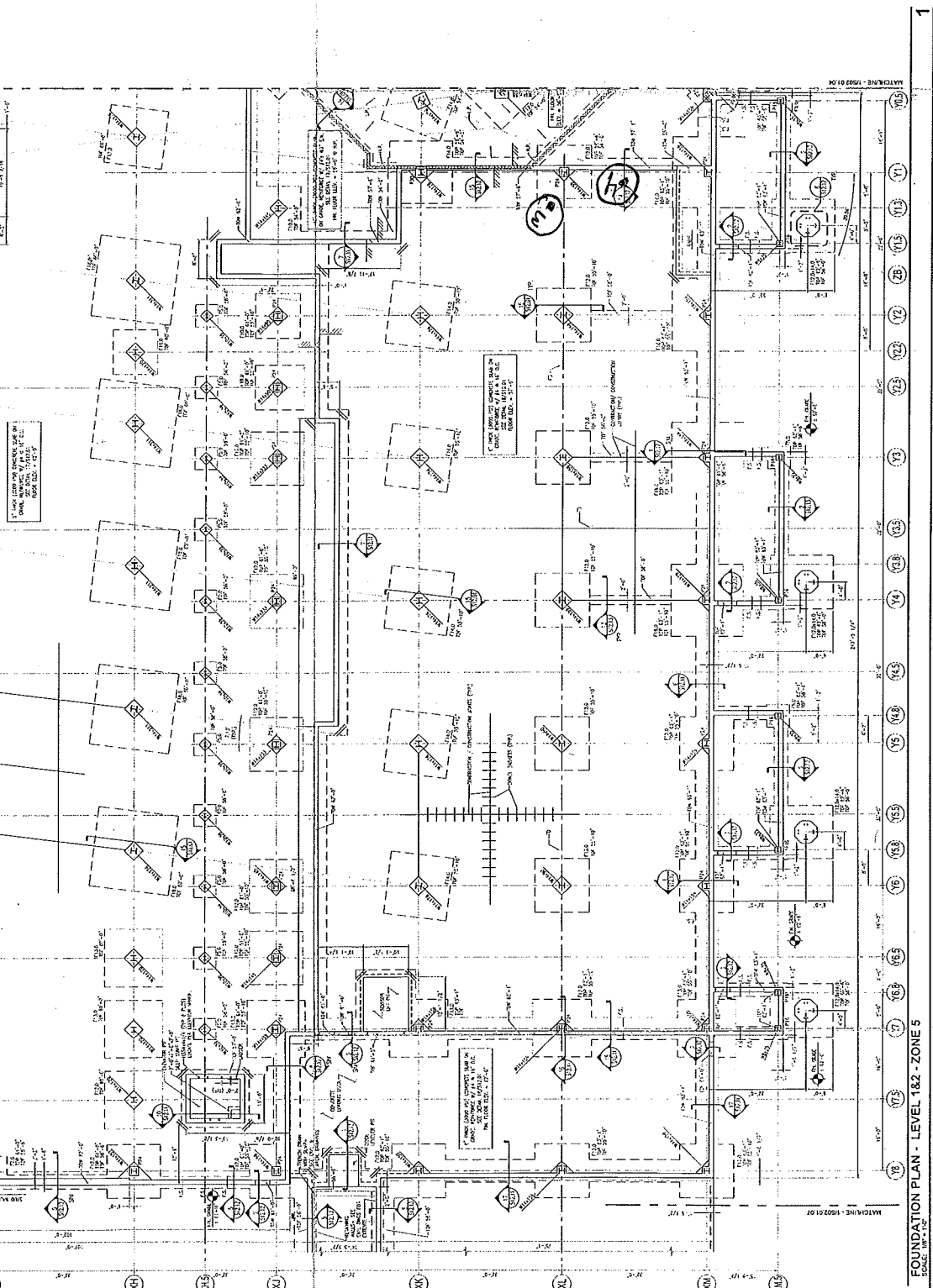
1. VERIFY ALL DIMENSIONS AND CONDITIONS OF EXISTING STRUCTURES AND UTILITIES PRIOR TO CONSTRUCTION.
2. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE NATIONAL ELECTRICAL CODE (NEC).
3. ALL MATERIALS SHALL BE APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO INSTALLATION.
4. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES.
6. ALL UTILITIES SHALL BE PROTECTED AND MAINTAINED THROUGHOUT THE PROJECT.
7. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE SPECIFICATIONS AND NOTES ON THIS SHEET.
8. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT AREAS AT ALL TIMES.
9. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
10. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.

**GENERAL NOTES**

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES.
2. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
3. ALL MATERIALS SHALL BE APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO INSTALLATION.
4. ALL UTILITIES SHALL BE PROTECTED AND MAINTAINED THROUGHOUT THE PROJECT.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT AREAS AT ALL TIMES.
6. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
7. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
8. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
9. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
10. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.

**KEY PLAN**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



**FOUNDATION PLAN - LEVEL 1&2 - ZONE 5**  
SCALE: 1/8" = 1'-0"

PROJECT NO. 05210002  
SHEET NO. 502.01.05