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|-------------------|---|--------------------|-------------------|
| <b>Project</b>    | OCEAN GATEWAY PARKING GARAGE  | <b>Report No.</b>  | 17                |
| <b>Location</b>   | PORTLAND, MAINE   | <b>Period From</b> | 10 September 2007 |
|                   |   | <b>To</b>          | 14 September 2007 |
| <b>Client</b>     | RIVERWALK, LLC.   | <b>Page</b>        | 1 of 2            |
| <b>Contractor</b> | LEDGEWOOD CONSTRUCTION (CM)<br>SHAW BROTHERS CONSTRUCTION (EARTHWORK)<br>G. DONALDSON CONSTRUCTION (PILE DRIVING) | <b>File No.</b>    | 30322-030         |

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**I. CONTRACTOR'S ACTIVITIES:****Monday, September 10, 2007 (65 degrees, cloudy at 0615)**

1. Shaw Bros. re-compacted Type D subbase gravel in the area bound by column lines B, D, 1 and 1.9/2.1 (see Figure 1). The material was re-compacted with 3 passes of a BOMAG BW 172D-2 smooth drum vibratory roller. The area required re-compaction due to low moisture content during original compaction on Friday (9/7).
2. Shaw Bros. placed granular fill adjacent to pile caps/grade beams in the southeast corner of the garage with a CAT 320C excavator and/or hand tools (see Figure 1). The fill consisted of granular soil imported to the site from Shaw Bros. Dayton Pit. The material was spread in approximate 12-in. thick (loose measure) lifts. Each lift of soil was compacted with 5 to 6 passes of a self propelled vibratory plate compactor. Fill was placed from approximately El. 14 to El. 17 in this area.
3. G. Donaldson removed the continuous steel waler from the support of excavation system west of column line 1 (see Figure 1 and photographs).
4. Shaw Bros. continued backfilling west of column line 1 between the foundation wall and the steel sheet piles installed for the support of excavation system (see Figure 1). The fill consisted of granular soil imported to the site from Shaw Bros. Dayton Pit. The material was spread in approximate 12-in. thick (loose measure) lifts from approximately El. 18 to El. 20. Each lift of soil was compacted with 4 to 5 passes of a self propelled vibratory plate compactor.
5. G. Donaldson began removing the steel sheet piles from the support of excavation system in the northeast corner of the garage (see Figure 1 and photographs). The steel sheet piles were removed using a service crane outfitted with an ICE 22 hydraulic vibratory driver/extractor.

**II. FIELD REPRESENTATIVE'S ACTIVITIES:****General**

1. Haley & Aldrich Field Representative performed part-time monitoring of construction activities on Monday, September 10. Field Representative was not on site Tuesday, September 11 through Friday, September 14. Field Representative documented the activities noted above and shown on the attached figures.
2. Discussed activities and construction schedule with contractors (Ledgewood and Shaw Bros.). Field Representative time on site was closely coordinated with Ledgewood and Shaw Bros.
3. Took digital photographs of construction activities. Select photographs are attached; additional photographs can be provided upon request.

**Monday, September 10, 2007**

1. Field Representative observed re-compaction of Type D subbase gravel in the area described under Contractors Activities, Item No. 1 on Monday and shown on Figure 1. Fill material consisted of imported granular soil from Shaw Bros. H-Pit. The subbase gravel appeared stable under the compactive effort of a BOMAG BW172D-2 smooth drum vibratory roller. Field Representative used a Humboldt 5001EZ nuclear density gauge to monitor relative compaction after the lift of material was re-compacted. In-situ density tests indicated the subbase material met the minimum compaction requirements outlined in the project specifications (see Table 1, test nos. 137 and 138 for results and Figure 1 for in-situ density test locations).
2. Field Representative observed placement of granular fill in the area described under Contractors Activities, Item No. 4 on Monday and shown on Figure 1. Fill material consisted of imported granular soil from Shaw Bros. Dayton Pit. The granular fill appeared stable under the compactive effort of a self-propelled vibratory plate compactor. Field Representative used a Humboldt 5001EZ nuclear density gauge to monitor relative compaction

**WEEKLY FIELD REPORT**

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|                   |   | <b>To</b>          | 14 September 2007 |
| <b>Client</b>     | RIVERWALK, LLC.   | <b>Page</b>        | 2 of 2            |
| <b>Contractor</b> | LEDGEWOOD CONSTRUCTION (CM)<br>SHAW BROTHERS CONSTRUCTION (EARTHWORK)<br>G. DONALDSON CONSTRUCTION (PILE DRIVING) | <b>File No.</b>    | 30322-030         |

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after each lift of material was compacted. In-situ density tests indicated the material met the minimum compaction requirements outlined in the project specifications (see Table 1, test nos. 139-142 for results and Figure 1 for in-situ density test locations).

3. Field Representative observed placement of granular fill in the area described under Contractors Activities, Item No. 2 on Monday and shown on Figure 1. Fill material consisted of imported granular soil from Shaw Bros. Dayton Pit. Field Representative did not perform in-situ density tests on the fill placed in this area. Each lift of soil appeared stable under the compactive effort of a self-propelled vibratory plate compactor.
4. Field Representative spoke with Bill Plourde (Ledgewood) regarding surveying reference points on top of the support of excavation system west of column line 1. Mr. Plourde indicated that CCB surveyed the reference points over the previous weekend and he would forward them along to Field Representative upon receipt.
5. Field Representative spoke with Mr. Plourde regarding the schedule for completion of the support of excavation removal. Mr. Plourde indicated that G. Donaldson would complete the support of excavation removal by Wednesday (9/12). Mr. Plourde also indicated that a portion of the steel sheet piles south of the pile cap located at column A-1 would be cutoff below grade and remain in place (see Figure 1).

**ATTACHMENTS:**

1. Foundation Plan (Figure 1)
2. Weekly Summary of Field Unit Weight Test (1 page)
3. Photograph Summary (2 pages)

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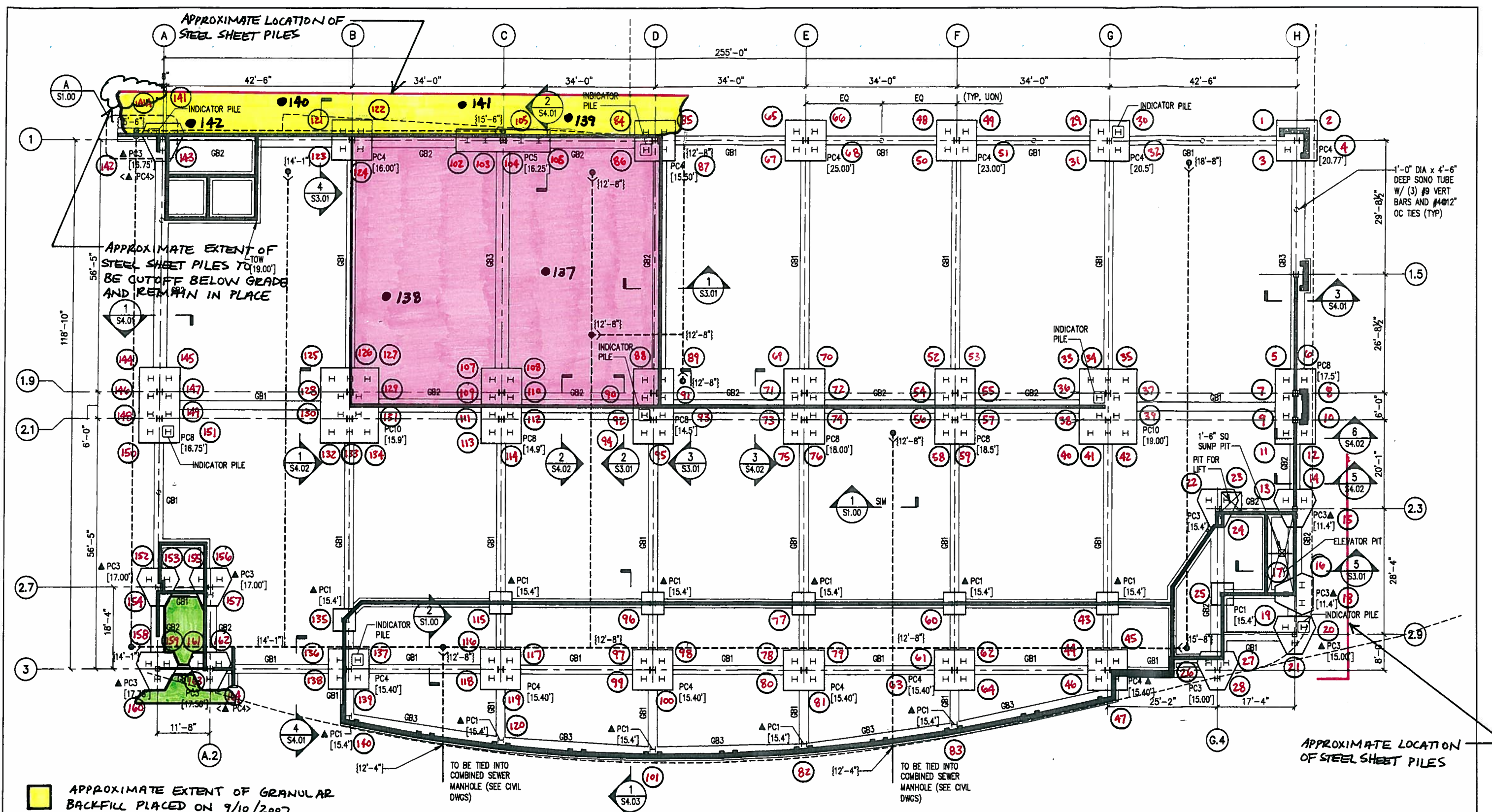
| <u>Field Representative(s)</u> | <u>Total Weekly Time</u> |
|--------------------------------|--------------------------|
| B. Steinert                    | 15.25                    |

**Distribution:** Drew Swenson, Riverwalk, LLC. (email)  
Rich Libardoni, Intercontinental Real Estate Co. (email and hardcopy)  
Stephen Fraser, Scott Simons Architects (email)  
Steve Pitts & Bob Parsons, Ledgewood Construction (email)  
Alan Simon, Simon Design Engineering, LLC. (email)

G:\PROJECTS\30322\030 - Ocean Gateway Parking Garage\Weekly Field  
Reports\WFR17 2007 0915 - Complete\2007 0915 bcs WFR17.doc

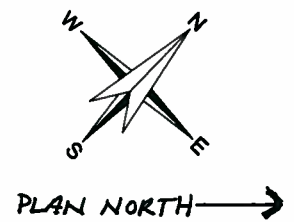
  
Haley & Aldrich, Inc.

S:\30322\2007\_0124 - CURRENT RES. FIG. 21007\_0322\_BCS\_COMMONPLANS.DWG



- APPROXIMATE EXTENT OF GRANULAR BACKFILL PLACED ON 9/10/2007.
- APPROXIMATE EXTENT OF TYPE SUBBASE GRAVEL RE-COMPACTED AND RE-TESTED ON 9/10/2007
- 137** DESIGNATION AND APPROXIMATE LOCATION OF IN-SITU DENSITY TEST
- APPROXIMATE EXTENT OF GRANULAR BACKFILL PLACED ON 9/10/2007

**FOUNDATION PLAN**  
3/32"=1'-0"



**HALEY & ALDRICH** OCEAN GATEWAY PARKING GARAGE  
MIDDLE STREET  
PORTLAND, MAINE

**FOUNDATION PLAN (SHEET NO. S1.00)**  
WEEKLY FIELD REPORT NO.: 17

SCALE: AS SHOWN  
APRIL 2007 9/15/2007

**FIGURE 1**

**WEEKLY SUMMARY  
FIELD UNIT WEIGHT TEST****PROJECT** OCEAN GATEWAY PARKING GARAGE  
**LOCATION** PORTLAND, MAINE  
**CLIENT** RIVERWALK, LLC.  
**GEN. CONTRACTOR** LEDGEWOOD CONSTRUCTION  
**SUBCONTRACTOR** SHAW BROTHERS CONSTRUCTION**H&A FILE NO.** 30322-030  
**PROJECT MGR.** W. CHADBOURNE  
**FIELD REP** B. STEINERT  
**DATE** 09/15/07  
**WFR NUMBER** 17**Gage:**

Make: Humboldt Scientific, Inc. Model 5001 EZ122 Serial Number: 3289 Calibration Date: 04/05/06

| Test No. | Location     | Elevation (ft) | Depth Of Test (in) | Maximum Dry Unit Weight <sup>(a)</sup> (pcf) | Optimum Moisture Content (%) | In-place Dry Unit Weight (pcf) | In-place Moisture Content (%) | Compaction |              | Remarks            |
|----------|--------------|----------------|--------------------|--|------------------------------|--------------------------------|-------------------------------|------------|--------------|--------------------|
|          |              |                |                    |  |                              |                                |                               | Actual (%) | Required (%) |                    |
| 137      | see Figure 1 | 16.1           | 12                 | 134.9  | 6.7                          | 129.9                          | 3.0                           | 96%        | 95%          | 9/10/2007, subbase |
| 138      | see Figure 1 | 16.9           | 12                 | 134.9  | 6.7                          | 129.0                          | 3.5                           | 96%        | 95%          | 9/10/2007, subbase |
| 139      | see Figure 1 | 19.0           | 12                 | 114.3  | 11.7                         | 112.1                          | 3.0                           | 98%        | 95%          | 9/10/2007, subbase |
| 140      | see Figure 1 | 19.0           | 12                 | 114.3  | 11.7                         | 116.7                          | 3.3                           | 102%       | 95%          | 9/10/2007, subbase |
| 141      | see Figure 1 | 20.0           | 12                 | 114.3  | 11.7                         | 123.0                          | 2.3                           | 108%       | 95%          | 9/10/2007, subbase |
| 142      | see Figure 1 | 20.0           | 12                 | 114.3  | 11.7                         | 111.3                          | 2.6                           | 97%        | 95%          | 9/10/2007, subbase |
|          |              |                |                    |  |                              |                                |                               |            |              |                    |
|          |              |                |                    |  |                              |                                |                               |            |              |                    |
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|          |              |                |                    |  |                              |                                |                               |            |              |                    |
|          |              |                |                    |  |                              |                                |                               |            |              |                    |

Additional Remarks:  
(a) Maximum dry unit weight represents the laboratory test value corrected for +3/4 material (ASTM  D1557  D698)*Byron C. Solt*  
Haley & Aldrich, Inc.





*Photograph 1. Removal of the continuous steel waler for the support of excavation system west of column line 1, looking south (9/10/07).*



*Photograph 2. Removal of the continuous steel waler for the support of excavation system west of column line 1, looking south (9/10/07).*



*Photograph 3. Removal of steel sheet piles from the support of excavation system in the northeast corner of the garage, looking north (9/10/07).*



*Photograph 4. Removal of steel sheet piles from the support of excavation system in the northeast corner of the garage, looking north (9/10/07).*