



CONSTRUCTION OBSERVATION REPORT

Project: Courtyard by Marriott – 321 Commercial St. Portland, ME
Client: J.B. Brown & Sons, Inc.
Client's Rep.: Vin Veroneau

SWCE Project No.: 08-0494.2
Date: 3-27-13
Weather: Clear, 50s

Work in Progress: Gorham Sand & Gravel (GSG) preparing subgrade for a portion of the northwest site MSE retaining wall.

Work Performed by SWCE Rep.: Observation of exposed retaining wall subgrade conditions.

General Observations, Discussions, Etc: As coordinated with Opechee Construction (project general contractor), we made a site visit to observe exposed subgrade conditions for the proposed MSE block wall in the northwestern portion of the site. During our time onsite, we observed GSG excavate to subgrade elevation (bottom of wall base course, plus 12-inches for crushed stone) utilizing a smooth edged bucket. The exposed subgrade soils consisted of relatively dry fill (brown silty sand, some gravel, with brick and concrete pieces). We observed GSG proof-roll and densify the subgrade soils with several passes of a Bomag BW166 DH-3 vibratory roller. The subgrade soils did not significantly yield or rut under the compaction equipment. We observed GSG place and compact approximately 12-inches of crushed stone over the densified subgrade. The stone was compacted with a mid-size Mikasa vibratory place compactor. The subgrade preparation generally followed our recommendations presented in our geotechnical report. Approximately 25 feet of retaining wall subgrade was prepared during our time onsite, starting at the northern most end of the wall and moving south. We understand further preparation of wall subgrade will continue after the adjacent exterior pier foundations have been constructed.

On Site: 8:15 p.m. – 9:15 a.m.
Attachments: Photos
Sheet: 1 of 1

SWC Rep.: E. Walker
Rev. by: TJB

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GRAY, ME OFFICE

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The SWCE field representative is on-site at the request of our client to provide construction materials testing and to observe and document construction activities. The contractor has sole responsibility for schedule, site safety, methods, completeness and quality of the work.



