



Heitmann & Associates, Inc.

Site Observation Visit# 02

Report #02-Waterproofing

Project Name: Webster University- ISB
Project Location: Webster Groves
Project Number: 2014061.20
Client: Webster University
Report Prepared By: George Crow - Heitmann & Associates, Inc.
Date of Report: September 19, 2016

A. Introduction

1. Heitmann & Associates, Inc. (HAI) representative George Crow arrived at the project site on Tuesday September 6, 2016 to review the waterproofing installation at Level 0 and Level 1 Foundations.

B. General Status

1. My arrival on site was at approximately 2:00 pm and the extent of the below grade work being installed was limited to placement and compaction of the gravel backfill.
2. Generally the exposed waterproofing assembly appeared to be installed as intended by the manufacturer's requirements.
3. As indicated in Kelvin Patel's Field Report 002, there were some areas of waterproofing membrane and drainage mat that require repair prior to backfill installation. I have not specifically identified these observations because it is my expectation that Super Waterproofing as a qualified Grace applicator will make the necessary remediation as the work proceeds.

C. Observations & Comments

ITEM #	DATE	DESCRIPTION		COMMENTS/ RESOLUTION	STATUS
02.1	9-6-16	View looking North at corner of column lines 8 and C – Level 0.		Installation of sheet membrane waterproofing, drainage mat and rigid board insulation in progress. Work to this point is acceptable	Installation progressing
02.2	9-6-16	View looking North at corner of column lines 7 and C.3- Level 0.		Compacting gravel back fill.	Back fill installation progressing.
02.3	9-6-16	View looking South along column line 1.6 – Level 1 foundation wall.		Installation of waterproofing membrane, drainage mat and rigid insulation board proceeding.	In progress.

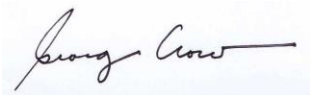
02.4	9-6-16	View of foundation wall corner at the intersection of column lines 8 and C.3- Level 0.		Stripping in of sheet membrane at all corners continues to be the typical application prior to installing the sheet membrane primary field.	Installation in progress.
02.5	9-6-16	View looking South at North Elevation of foundation wall along column line C.3 between column lines 3 and 1.9.		Window openings at Level 01 and view of gravel backfill being placed.	Installation in progress.

Summary

During this review, placement and compaction of the gravel backfill was observed. Verification of the compaction density should be provided by Paric.

END OF REPORT

Respectfully Submitted
George Crow AIA, CSI, CCS, LEED AP

A handwritten signature in black ink, appearing to read "George Crow", is written over a light blue rectangular background.

Heitmann & Associates, Inc.
Project Manager