CANNONDESIGN

Field Report

DATE	Oct. 18, 2016	**REPORT NO.**	**003**
PROJECT:	Webster University Interdisciplinary Science Building 8274 Big Bend Blvd. Webster Groves, MO 63119	**DATE OF VISIT:** **TIME:** **WEATHER:**	Oct. 18, 2016 3:50 pm 81°F Sunny
PROJECT #	004560.01		
PRESENT AT SITE:	Kelvin Patel (CD), Jason Szachnieski (Paric)		

Item #	Observations, Discussion, Action Item

After the OAC meeting, a walk-through of site was conducted by Kelvin Patel of CannonDesign along with Jason Szachnieski of Paric.

Following was the state of construction at visit:

Level 00:
Level 00 concrete slab was poured, Equipment pads on level 00 were also poured.

Level 01:
Level 01 concrete slab in Area 'A' over level 00 was poured.
Grade beam were poured for the rest of the Area 'A' and rebars for foundation walls on level 01 were in place.
Grade preparation was ongoing for concrete slab on grade on level 01.

Level 02 & 03:
Steel deck construction was ongoing on in Area 'B' at level 02 over level 03.
Steel erection in Area at level 01 was ongoing.

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1. Second set of clean-outs for the new draintile installed per RFI-258 seem to be missing.
ACTION: Contractor to confirm cleanouts provided for new draintile installed per RFI-258.

second set of drain-tile cleanouts missing

No cleanouts visible

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2. Observed waterproofing installation along grid 8 in Area 'A' of level 01, noticed the drainage mat corners at the joint curling forward and had rocks, nails and other debris lodged behind it. This was observed at other locations too.
ACTION: Contractor to remove all the items behind the drainage mat prior to continuation of waterproofing installation.

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3. At level 01 at Lecture hall along grid 3, water ponding on top of the grade beam. ACTION: Per specifications, dewatering to be done to protect structure, subgrades and foundation soils from softening and prevent damage by water accumulation.

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4. Waterproofing at EAB & ISB building connection - All the waterproofing at the foundation walls of existing EAB on the north, east & west side is damaged. Waterproofing on ISB building along grid 4 has water damage & peeling.
ACTION: Existing EAB waterproofing to be restored properly prior to backfill. Damaged waterproofing membrane at ISB to be removed and installed per specifications and approved documents. Backfill per RFI-269 & RFI-258.

Restore existing EAB waterproofing

Remediate ISB waterproofing

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5. Observed waterproofing & backfill along grid F.5 & grid 8 in Area 'A' of level 01. Waterproofing is water damaged. The excavated top soil spilled over granular backfill. Screening fill of temporary ramp along grid 8 spilled over granular backfill.
ACTION: Contractor to remove spilled top soil or screening fill to expose granular backfill of drain-tile at grade beam to form a continuous column of granular fill, as directed in RFI 258. Waterproofing to be remediated before backfill.

Screenings over backfill

Waterproofing damaged

Soil over granular backfill

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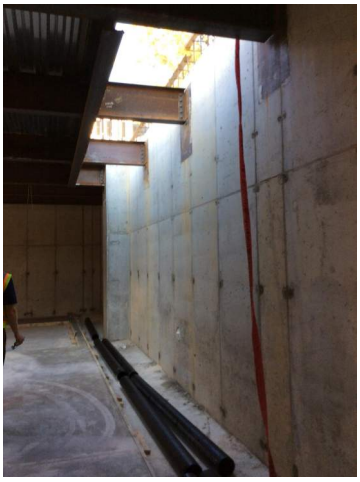
6. Some construction photographs...



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8. Some more construction photographs...

REPORT BY: KELVIN PATEL (CD)

Kelvin Patel

Digitally signed by Kelvin Patel
DN: C=US, E=kpatel@cannondesign.com, O=Cannon Design, OU=Architect, CN=Kelvin Patel
Date: 2016.11.11 18:14:39-06'00'

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