Addenda 01

General
1. Sheet A0.1 – Structural Loading Notes – Limit construction loading to eliminate the need for construction shoring:
   
   A. Do not stockpile dirt or construction materials on the existing slabs in Area-A, B, and C.
   B. Limit demolition, excavation and construction equipment throughout Areas A, B and C, and the utility tunnel sidewalk lid north of Libby residence hall to the following vehicles:
      - Pickup trucks and single axle trucks weighing no more than 8,000 lbs (loaded).
      - Skid-steer excavators weighing no greater than 8000 lbs (loaded) and with a total length of about 12’ and wheelbase of about 6’.
      - Dump trucks, dual-axle trucks and other heavier duty trucks are not allowed without additional load and capacity analysis performed by the Contractor’s Construction Engineer.

   These loading limits are only for Areas A, B and C and do not apply to the remaining areas within the staging area.

Responses to Contractor Questions
1. On the west side, south edge is detail 7/A2.1 and 4/A2.1 applicable, please advise. If applicable please indicate the horizontal distance to include waterproofing

   Response – See attached drawings:
   Sheet A0.0: Identifies which sheets have changes.
   Sheet A2.1: Revised waterproofing detail.

2. On the west edge detail 1/A2.1 is the distance the same as 3/A2.0 +/- 18 inches

   Response - The soil depth varies from approximately 18 inches near the slab (detail 4/A2.1) to approximately 30 inches near the south end of the plaza (detail 1/A2.1). Detail 3/A2.0 provides the information with regard to the new waterproofing and the integration with the existing at the plaza edge condition (typical).

3. On the east side detail 3/A2.1 does the waterproofing terminate down +/- 8”

   Response - Yes

4. Is there any documents regarding concrete schedules? Such as replacement layout? I’m curious because knowing the layout of control joints will help us be more accurate when it comes to having the appropriate materials and amounts readily available.
Response - It is found in section 03 30 00 1.4 E. It is intended to match the existing.

5. Specification section 071413, article 2.1;C lists two approved manufacturers: Tremco and American Hydrotech. Detail 3/A2.0 references Carlisle 711-90. Please confirm.

Response - You are correct, the Carlisle product is specified even though Tremco and American Hydrotech systems are specified. We prefer the 711-90 as a transition membrane to others' products.
Duane Hall
Remove and Replace Roof & Waterproofing

Project: Remove and Replace Roof & Waterproofing - Phase 1 of 2
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Site Plan

Scope of Work
The Plaza Waterproofing Repairs project at the Duane Laboratories is to include, but not necessarily limited to, the following:


2. Concrete repair: Once the existing overburden/topping slab and waterproofing has been removed, Architect/Engineer to be contacted to observe conditions to determine what, if any, repairs to the existing reinforced deck are necessary.

3. Waterproofing Installation: Clean and prepare existing concrete substrate per specifications to receive new hot fluid-applied waterproofing system. New system to include protection course and/or root barrier, where appropriate, and drainage mat.

4. Overburden and Paving Replacement: Remove existing soil overburden and concrete topping as necessary to execute repairs. Replace existing concrete with new concrete (per details and specifications). Reuse/replace existing soil per specifications, including new sod.

Alternate No. 1: Include waterproofing and topping slab replacement along east side of building from scope of repairs, see plans.

Alternate No. 2: Alternate hot-fluid applied waterproofing system, see specifications.

Alternate No. 3: Include the use of rigid insulation at project, installing a thinner concrete topping slab or shallower soil fill, where appropriate.

*Abbreviations*

- Ø: Diameter
- @: At
- A/E: Architect/Engineer (WJE Associates)
- ALUM: Aluminum
- APPROX: Approximately
- B/W: Between
- CONC: Concrete
- CONT: Continuous
- CU: University of Colorado, Boulder
- DP: Darprofing
- (E): Existing
- EQ: Equal
- GA: Gauge
- MFR: Manufacturer
- MIN: Minimum
- (N): New
- REINF: Reinforcement / Reinforcing
- T: Top of
- TEMP: Temporary
- TERM: Termination
- TYP: Typical
- VIF: Verify In Field
- w/: With
- WP: Waterproofing
- XPS: Extruded PolyStyrene

*Index to Drawings:

- A0.0 - Cover Sheet
- A0.1 - General Notes
- A1.0 - Plaza Plan
- A1.1 - Waterproofing Repair Plan
- A2.0 - Waterproofing Repair Details
- A2.1 - Waterproofing Repair Details

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Assembly at Plaza Edge

Assembly at Thickened Slab Edge

Assembly at Slab Tie-In

Assembly at Thickened Slab Edge

Assembly at Slab to Soil Fill

Thickened Slab Edge Section

Assembly at Thickened Slab Edge