

Project Observation Report

Project Name:	Tri Tech East Building	Project No.	2208
Report #:	7		
Observation Date:	11-21-22	Last Report:	11-16-22
Prepared By:	Steve Mallory, AIA	Contractor:	Banlin

Weather:

Cloudy	Wind calm	27°		From: 7:25am	To: 8:30am
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Construction Activity Observed:

Schedule Activity No.	Work in Progress
	Slab concrete placement

Labor Resources Observed:

Contractor-Quantity	Contractor-Quantity
Banlin – 1+1	Creative Concrete -13
Terra Firma - 1	Pumper truck operator -1
Concrete truck drivers -6	Electrical - 1

Observed Equipment on site: Excavator, sanican, forklift, job shack, trailer, ConEx, utility trucks, concrete trucks, pumper truck, concrete leveler, 4 power screeds

Others/ Inspectors on site: Salvador – Terra Firma

Check-in: Checked in with Matt of Banlin (also Tuesday morning) the 22nd).

Field Discussions: First concrete truck half hour late so there is a temporary backup with trucks. They are starting will placing the concrete in the thickened edge slab trenches and footings. The insulation blankets are staged and ready to be put in place once the concrete is finished. The tester from Terra Firma is taking samples. The pour is going well on top of the vapor barrier and they are lifting the WWM up to the correct level. About half of the soil stockpile has been removed in the Northeast corner of the site. All looks good.

Percent Complete:	Pay-app (contract)	Completion Date:
Contract Amount	\$3,774,429.00	Original Contract NTP: Sept 22, 2022
Change Orders:	-	
Adjusted:	\$3,774,429.00	Contractual End Date: July 19, 2023
Declared this Appl:	\$178,900.00 (w/ retainage of \$8,945.00)	
Current Payment	\$185,519.30 (Incl. WSST)	Change Order date adjustment: 0 days
Overall % Complete:	4.9%	Expected Project End Date: TBD

Change Notice Breakdown: ----

Special Inspection Reports: Going well

As-Builts: No issues

Preparers Comments: I reviewed the site and the work is progressing very well. The foundations are cast with perimeter insulation and backfilled with rolled and compacted structural fill on the interior and backfilled on the exterior except on the north end. The plumbing stub ups look good. The subslab vapor barrier is installed and the welded wire mesh is in place. They are pouring the thickened edge, lower concrete, in the trenches and then moved into the northwest corner. They continued placing and finishing concrete over the north quarter of the slab. The weather has turned cold but they are using cold weather techniques. I asked the concrete truck foreman to gather and deliver all concrete delivery slips to Matt. Soil stockpile has the north half remaining. Blankets being used. Pour is going well after a delayed start. Water and plasticizers added are stated to be within spec, (have not reviewed the delivery slips). The remainder of the pour and saw cuts went well, framers on site tomorrow (per Matt on 11/22).

Construction Site Photos:



Looking north from the south site entry



Looking northwest from the center of the site



Southeast corner of the slab with vapor barrier, weld wire mesh and hairpin rebar



Looking west along the south foundation wall



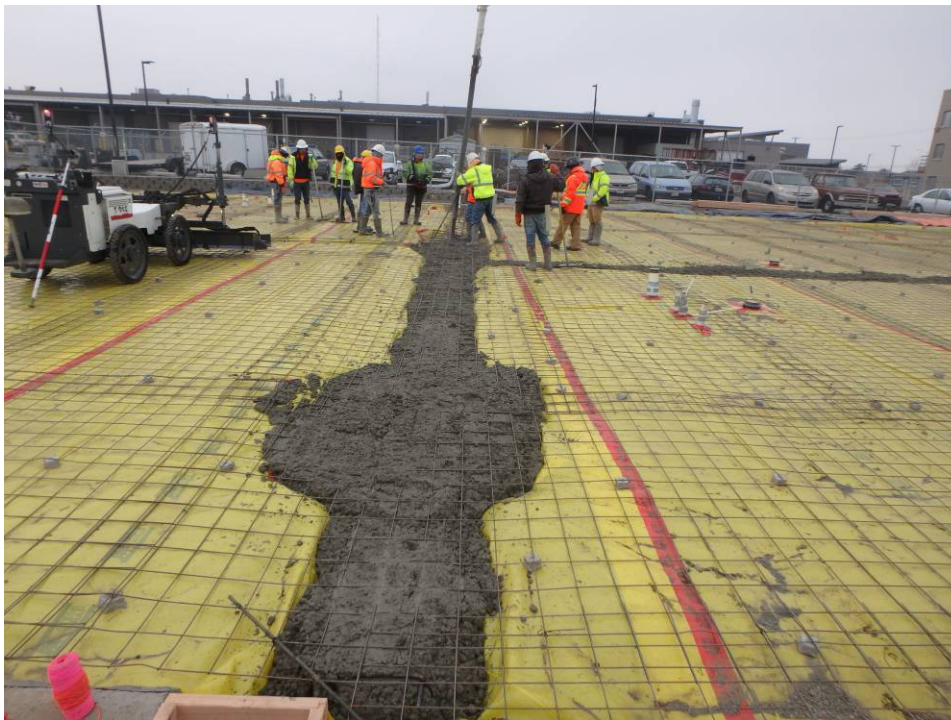
Looking northwest across the center of the footprint



Looking north at the north slab area and vapor barrier along the east foundation wall



Placing concrete in the central east-west thickened slab area



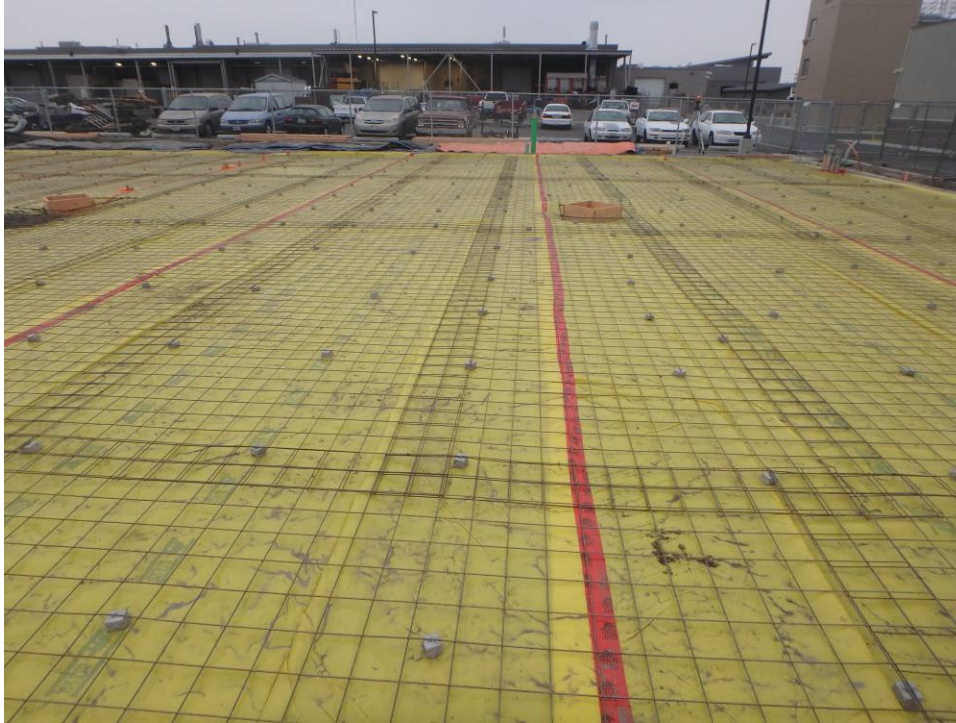
Placing concrete in the central east-west thickened slab area



Vapor barrier sheeting, welded wire fabric and chairs



Looking northeast corner at the north end vapor barrier



Looking west at the north end vapor barrier and “diamond” column forms



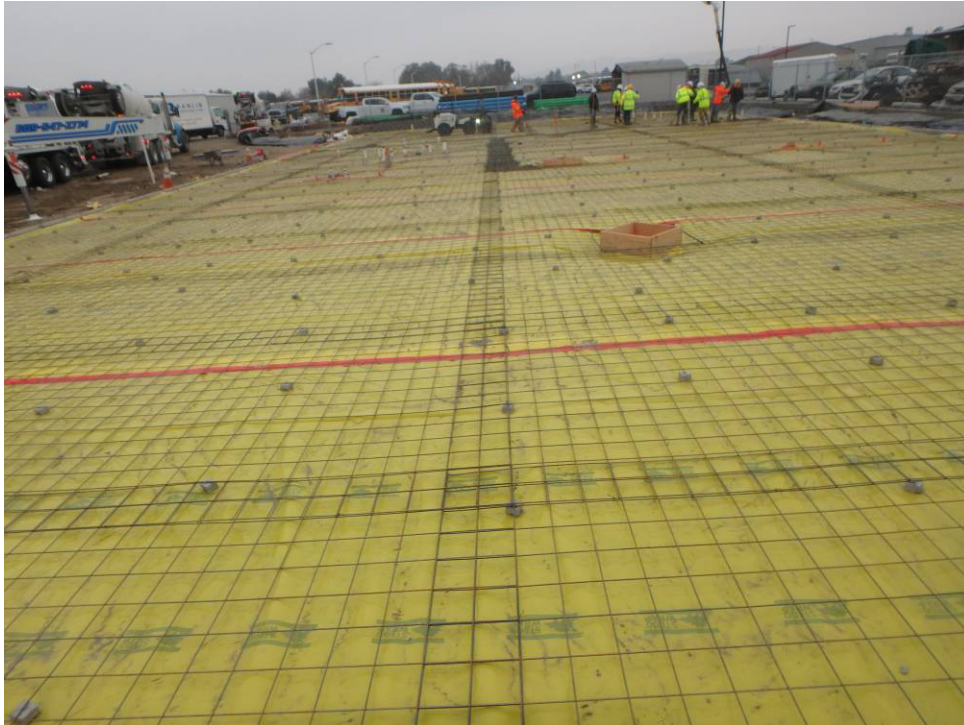
Looking southwest across the building footprint and the blankets



Looking south at the central building area



Looking west along the north foundation wall to the northwest corner



Looking south through the center of the building



Looking west at the northwest corner of the foundation wall and the vapor barrier and welded wire mesh



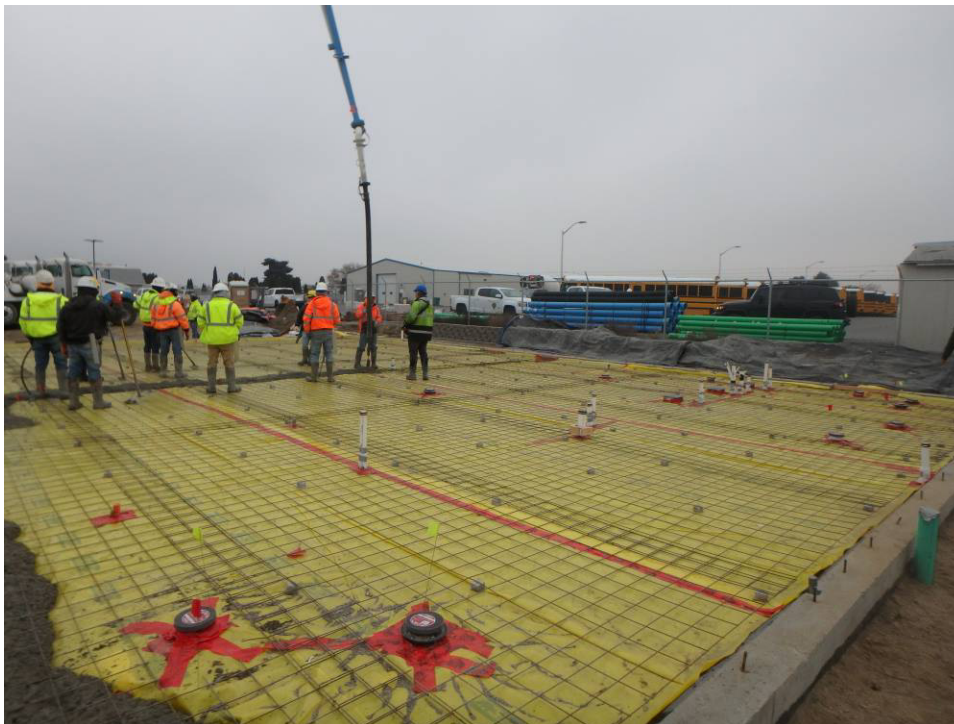
Conduit stub up in the northwest corner



Looking south at the west retaining wall and the crew finishing the thickened slabs



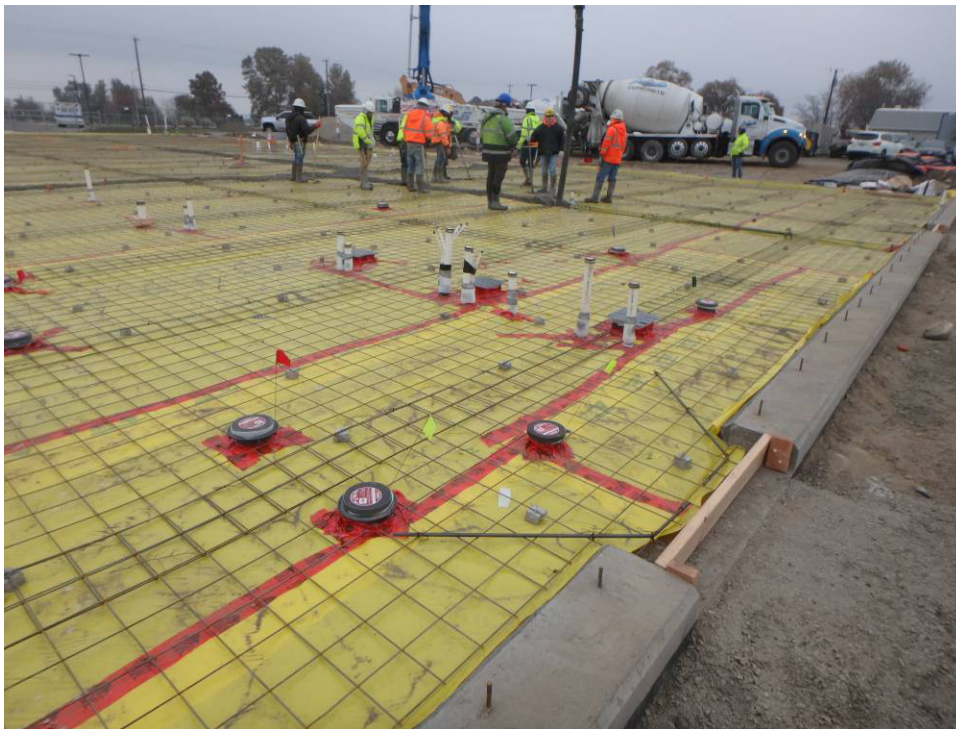
Thickened slab trench concrete in place



Placing the thickened slab trench concrete at the south end



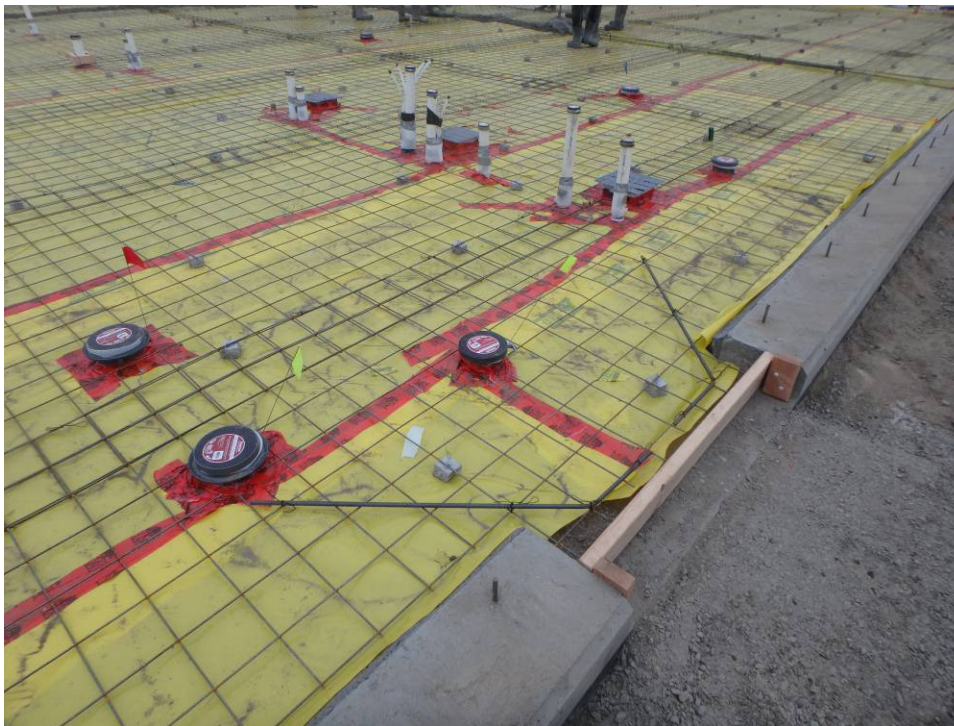
Southwest corner foundation and retaining walls and blanket



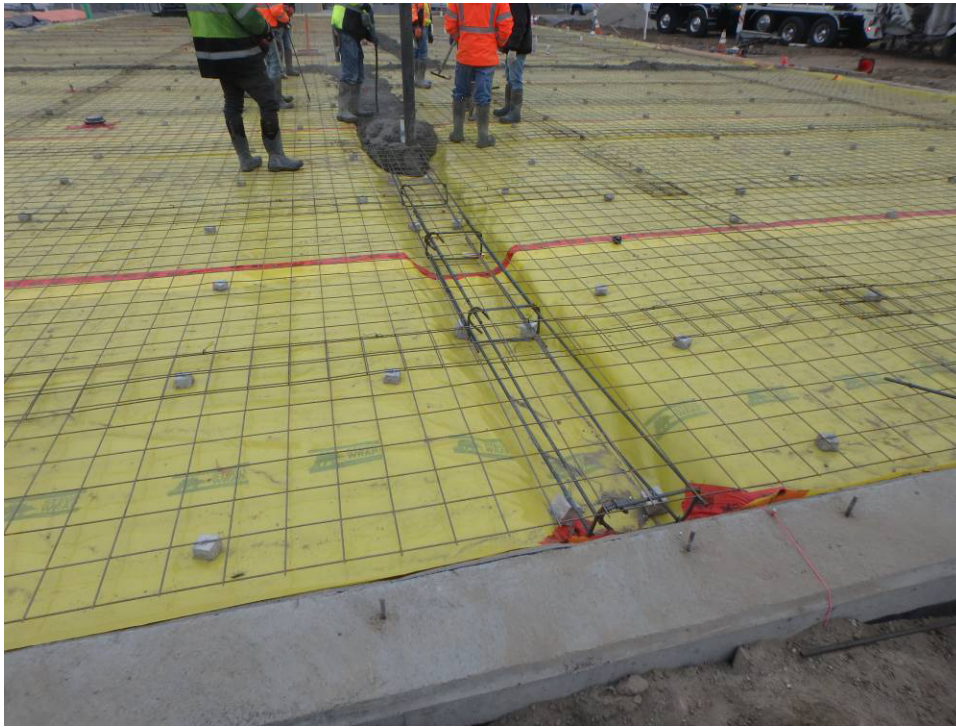
Looking northwest across the south portion of the building



Looking west along the south foundation wall and retaining wall



Looking at the floor drains and vapor barrier in the southwest corner of the building



Looking north - Pouring the south central trench



Looking north at southeast corner and the east foundation wall



Moving to placing concrete in the northwest corner of the building



Power trowels



Placing concrete in the northwest corner



Looking southeast across the building footprint, ready for concrete



Concrete placed across the north edge of the building



Moving south placing concrete



Placing concrete



Power screed



Power screed at north “diamond”



Northeast corner finishing



Northwest corner finishing



Concrete trucks and taking samples.