BECKER STRUCTURAL ENGINEERS

Project:	Park Danforth
Location:	Portland, ME
Becker Job No:	3422

OBSERVATION REPORT
Cast in Place Concrete

Date:	04-27-16
Time:	3:00 PM
Temp:	65º F
Weather:	Sunny

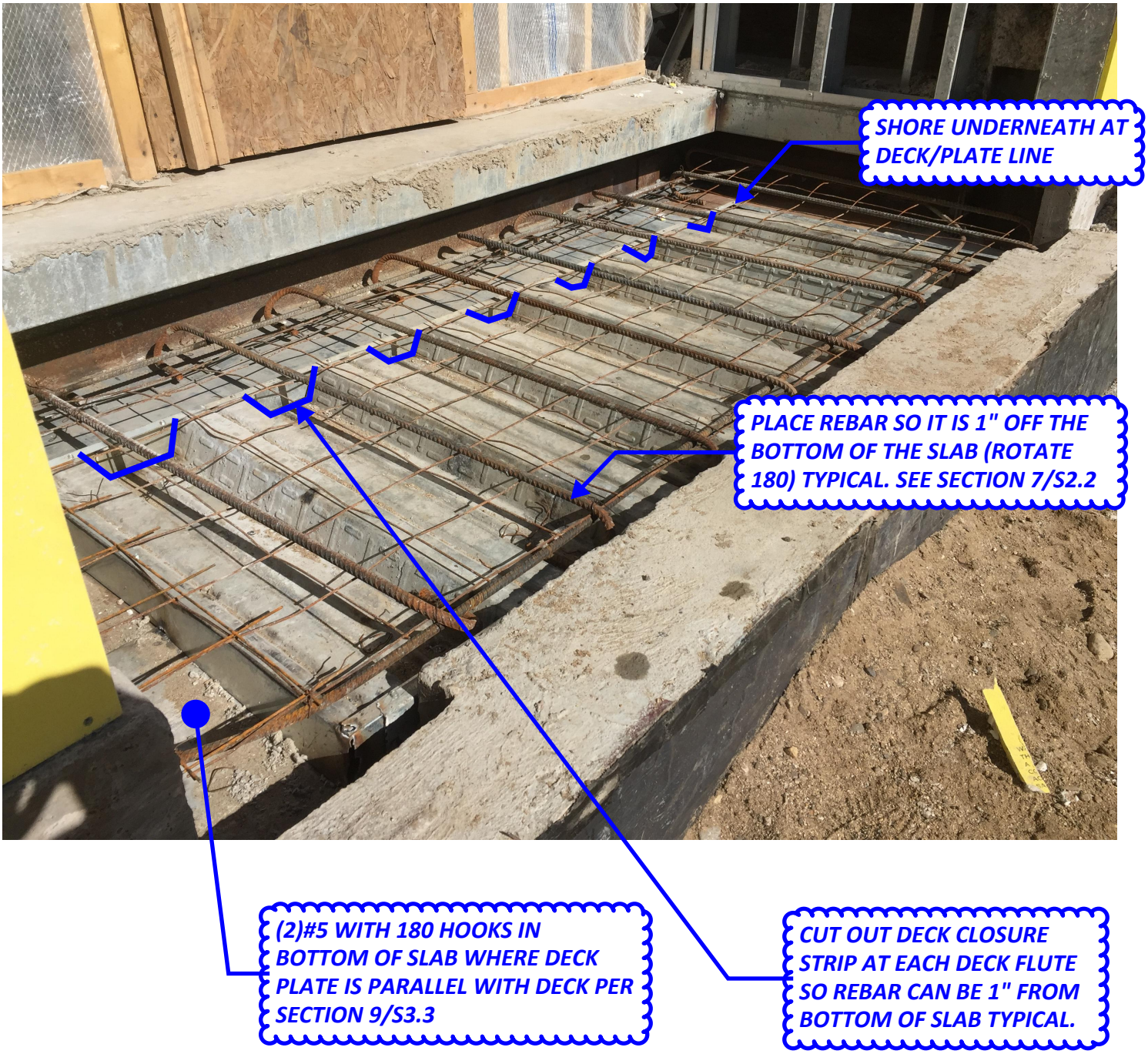
Observation Location:
Pre-slab placement observation:
Exterior patio slabs on metal deck over the east MEP rooms and garage.
Exterior depressed slabs on H line from 8-8.5 and 9-10.

	Satisfactory	Un-Satisfactory	Not Completed	Not Applicable	Comments
Reinforcement Size	☒	☐	☐	☐	
Quantity	☒	☐	☐	☐	
Condition	☒	☐	☐	☐	
Placement	☐	☒	☐	☐	See comments below
Embed/Anchors	☒	☐	☐	☐	
Lap Splices	☒	☐	☐	☐	
Hot Weather	☐	☐	☐	☒	
Cold Weather	☐	☐	☐	☒	
Bond Beams	☐	☐	☐	☒	
Additional Items	☐	☒	☐	☐	See comments below
Additional Items	☐	☐	☐	☐	

Notes:

Deck construction of the depressed exterior slabs on H line from 8-8.5 and 9-10 were constructed improperly. Section 9/S3.3 was applied to the strong direction of the deck on G.8 line resulting in the deck being cut back from the support beams on G.8 line and a deck filler plate installed from the edge of the deck to the beam. At this location the GC has shored the deck for concrete placement. Additionally the rebar was installed at the top of the slab instead of at the bottom do to a conflict with the deck closure plate. The deck closure plate should be cut out at each deck flute to allow the rebar to be installed 1” form the bottom of the slab. The shoring shall remain in place until the slab has cured. I notified Andrew from PC of my findings. Please see attached markup for clarification.

Signed: Alexander R. Wheelock, E.I.


SHORE UNDERNEATH AT DECK/PLATE LINE
PLACE REBAR SO IT IS 1" OFF THE BOTTOM OF THE SLAB (ROTATE 180) TYPICAL. SEE SECTION 7/S2.2
(2)#5 WITH 180 HOOKS IN BOTTOM OF SLAB WHERE DECK PLATE IS PARALLEL WITH DECK PER SECTION 9/S3.3
CUT OUT DECK CLOSURE STRIP AT EACH DECK FLUTE SO REBAR CAN BE 1" FROM BOTTOM OF SLAB TYPICAL.