

SITE OBSERVATION REPORT

Project Name: DEMO PORTFOLIO

Date: 2024, Jan 17

Temperature: 0 °C

Architect: ABC Architects

General Contractor: XYZ Group

Area inspected: Pile caps reinforcing steel on gridline K & gridline 9 between K and C.3 & D/5, [DRAWINGS: S-100 (rev. 6), S-200PC (rev. 2), S-200 (rev. 8), S-201 (rev. 6)]

Site Visit No: 1

Project no: 202401

Time: 7:30 – 9:30 AM

Sub-Contractor: A&B Steel

SITE OBSERVATIONS & COMMENTS:

a) i) Slab on grade bent dowels 3#15 are not installed. ii) Install 3#15 slab on grade bent dowels on all pile caps as per section 5/S-201.	NA
b) i) Wall dowels 3#20x5'-0" are not installed. ii) Install 3#20x5'-0" @6" each face wall dowels on all pile caps as per section 5/S201.	NA
c) i) Column dowels are not installed on the pile caps on G/4.4 (piles 11 and 12) and G/4.7 (piles 13 and 14). ii) Install 8#15 column dowels 3'-0" long (see S-200PC).	NA
d) i) Pile cap on K/3.7 (piles 7 and 8) was not centered. Piles were not placed as reported on the pile survey. ii) Pile locations must be confirmed by surveyor.	NA
e) i) Pile cap on K/1 (pile 4) measures 3'-0"x3'-0"x2'-6". ii) Pile cap dimensions on section 5/S-201 are 2'-8" x2'-8"x2'-0". iii) Reduce the depth of the pile cap to 2'-0".	NA
f) i) Single pile caps on D/9 (pile 19) and C/9.2 (pile 20) were combined to a double pile cap measuring 5'-8"x3'-0"x2'-4". Both piles are placed 1'-4" from the face of the pile cap. ii) Single pile caps on C/7.5 (pile 1) and B.7/7.5 (pile 45) were combined to a double pile cap measuring 5'-4"x3'-0"x2'-4". Both piles are placed 1'-4" from the face of the pile cap. iii) The combined double pile caps sizes are acceptable.	
g) Clear out all the snow from the bottom of the pile cap formwork before pouring.	
h) A string line must be installed on the centerline between the pile caps in order to locate the dowels correctly.	
i) Use 30 MPa concrete for the pile caps as per note 31. (ix) on drawing S-100	
j) Contact ABC Engineers Inc. when all deficiencies have been addressed and when all the wall and column dowels have been installed for inspection. The site superintendent, reinforcing steel subcontractor and formwork subcontractor must be present during the visit.	

RESULTS:	A: ACCEPTABLE	NA: NOT ACCEPTABLE	T/C: TO COME
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Received by: _____

Visited by: _____

Signature: _____

Signature: _____

By signing this report, the representative of the general contractor agrees to have the above noted deficiencies or requirements corrected by the sub-contractors.

LIMITS OF INVESTIGATION

On the date shown we visited the project and performed the visual inspection of the structural components, as indicated. The goal of our inspection was only to ascertain the general compliance of the construction with the contract documents. We did not perform any destructive or non-destructive testing, and this report, conclusions and recommendations are based on visual inspection only. This site observation visit was to readily accessible areas and was limited to visual observations of apparent conditions existing at the time of the visit. Latent and concealed defects and deficiencies are excluded from the site observation.