

#### DEPARTMENT OF GENERAL SERVICES, PURCHASING DIVISION

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## ADDENDUM # 18

# CAPITAL PROJECT 3414: CONSTRUCTION OF NEW HIGHWAY FACILITY

## Questions and answers 198 through 216.

The information in this addendum supersedes any contradictory information set forth in the contract documents. Acknowledge receipt of this addendum in the space provided on the signature page of the bid proposal. Failure to do so, may subject the bidder to disqualification. This addendum forms a part of the contract documents.

SIGNED:

Paul J. Brennan

PAUL J. BRENNAN, FNIGP, CPPO DIRECTOR OF PURCHASING

ADDENDUM

12/23/19

198. Building #1 – Administration Building: Detail B/1.04.501 Typical Interior Bearing Wall Foundation Detail. List 18" min. to bottom of footing. Also shows 6" fill between top of footing to bottom of slab. Which means bottom of footing is 24" min. not 18". **(RFI DA05)** 

**Response:** Detail is clear that footing must bear a minimum of 18" below top of slab. Slab thicknesses vary, thus use of "minimum" dimension designation to allow for flexibility in the field. At 4" thick slab areas minimum depth would be 22", but 24" is perfectly acceptable.

199. Building #1 – Administration Building: Drawings 1.04.101 and 1.04.102 list bottom of footings at exterior at -3'-6". No steps are shown from exterior footings to interior footings. Should we figure all interior masonry walls start at -2'-6"? (**RFI DA05**)

**Response:** Please build according to plan. Not all footings are at the same depth. Details on 1.04.501 are clear. Unclear where 2'-6" dimension that is being suggested comes from.

200. Building #1 – Administration Building: Masonry Wall Schedule on Drawing 1.04.103 List wall mark A to have (1) -#5 @ 32" Partially Grouted. Partition type F on drawing 1.03.601A calls for it to be Solid Filled with grout. Which is correct? (RFI DA05)

**Response:** Question unclear as no specific wall or area is referenced. Structural drawings provide minimum requirements. Where reinforcing or grouting is upgraded by architectural drawings, follow architectural. Where no callout is provided, use Type A for exterior and Type B for interior.

201. Building #1 – Administration Building: Elevations shown on drawings 1.03.201 and 1.03.202 have wrong wall heights. Wall area between A and B list 492'-8" (T.O. Mtl Deck) on 2B/1.03.202. Roof framing drawing 1.04.105 list roof deck at +16'-8" (494'-8"). On 1/1.03.201 North Elevation at col. Line F list 492'-8" (T.O. Coping). Roof framing drawing 1.04.105 list roof deck at 14'-8" at col. Line F. Coping will be 2' above roof deck. Are elevations drawn to low or is the roof deck elevation listed to high? (RFI DA05)

**Response:** Top of metal deck at Room 126 is 492'-8". At rooms 127, 128, 129, top of metal deck is 492-8" and top of coping is 494'-5 <sup>3</sup>/<sub>4</sub>" per 1/1.03.301. North Elevation on sheet 1.03.100 should list 492'-8" as top of T.O. Metal Deck, not T.O. Coping.

Building #1 – Administration Building: Wall grouting wall not label. Masonry wall Plan-1 drawing 1.04.103 notes all interior walls are type B (6" CMU). Floor plan 1.03.101 list Type J walls (8" CMU) at Main Supplies 122. Are they 6" or 8" CMU walls? (RFI DA05)

Response: Walls at Room 122 are 6". Indicated on architectural as "J SIM.".

203. Building #1 – Administration Building: Location of Stone Sill. Detail 2 on 1.03.311 shows it at the windows. Did not find a detail where the metal siding meets the stone veneer. Do we figure the same stone sill at these locations? (**RFI DA05**)

Response: Yes.

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204. Building #1 – Administration Building: Column lines 4 and 12. Building 1 longitudinal Section 1/1.03.301 shows Glue-Lam Beam at top of walls. Roof Framing Plan -1 drawing 1.04.105 does not show a Glue-Lam Beams on these column lines. Details H, J, and K on drawings 1.04.506 show CMU, no Glue-Lam Beam. (RFI DA05)

**Response:** Follow structural drawings.

Building #1 – Administration Building: Col Line 13 between col line A.2 and D.2. Building
1 Cross Sections 3 & 4 on drawing 1.03.303 shows CMU 9'-4" high. Structural drawings detail H on 1.04.503 shows CMU 12'-0" high. Which height is correct? (RFI DA05)

**Response:** Follow structural.

Building #1 – Administration Building: Col Line 15 at War Room 113. Enlarged Plan 110, 111 & 113 on 1.03.210 list wall as B1 (6" CMU). Wall Section F on 1.04.504 shows the wall as 8" CMU. Which is correct? (RFI DA05)

**Response:** Walls are as indicated on 1.04.104. Note that F/1.04.504 does not provide a thickness and drawings should not be scaled.

207. Building #1 – Administration Building: CMU wall at Skylight. Section 1 on 1.03.302 shows Glue- Lam Beams above CMU wall. See wall section 2 on 1.03.305 which shows the Glue-Lam beams and CMU stop at 9'-4" high. Structural drawings section C on 1.04.504 has CMU up to 18' high with no Glue- Lam Beams. What is the height of the CMU wall? **(RFI DA05)** 

Response: Follow structural.

Building #2 – Vehicle Repair Building: Need interior elevation of column line 5. Size of window openings at Library area. Height of opening to Corridor 215 and opening listed 212A. (RFI DA05)

Response: Answered in Addendums 08 and 14.

209. Building #2 – Vehicle Repair Building: Wall height of exterior concrete wall below CMU. Building sections on drawing 2.03.301 show an 3'-4" high wall. Detail 4 on 2.03.403 show only and 1'-4" high wall. Structural detail A on 2.04.501 shows 1'-4" high wall. Which wall height should we use? (RFI DA05)

**Response:** Drawing 2.03.301 does not provide dimension of concrete stem. Follow details and do not scale drawings.

210. Building #2 – Vehicle Repair Building: Height of Exterior Masonry walls. Roof Plan 1 drawing 2.03.104 and Roof Plan 2 drawing 2.03.105 have T.O. Parapet Typ. +495'-7". Wall Section 1 on drawing 2.03.303 has T.O. Parapet +494'-2 ½". Wall Section 1 does not scale. 32'-0" CMU is 33'-4". If roof coping is correct at +495-7", the CMU should be 32'-0". Roof deck is +30' which is 492' and detail 1 on drawing 2.03.403 shows an 4' high parapet (T.O. Parapet would be +496'-5"). What is the correct height of the Exterior CMU wall? (RFI DA05)

**Response:** Top of parapet is 495'-7". Construction drawings should never be scaled. Follow dimensions provided. No dimension is provided on 1/2.03.403. Do not scale details. Height of parapet varies due to sloping roof deck.

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Building #3 – Operation Building: Wall Partition detail on 3.03.601 list wall height of 14'-5 %". Structural Roof Framing Plan list roof deck height of +13-8". What is the correct height of the interior walls? (RFI DA05)

**Response:** 13'-8" is correct. Disregard dimension in partition detail on 3.03.601.

212. Building #3 – Operation Building: Exterior CMU walls. Wall sections on drawing 3.03.302 show CMU setting on concrete foundation wall +1'-4" above Floor. Structural drawing 3.04.501 shows concrete wall +1'-8" above floor, detail A and B. Which is correct? **(RFI DA05)** 

**Response:** No dimensions are provided on 3.03.302. Do not scale drawings.

213. Building #5 – Vehicle Wash Building: Detail E/5.04.502 Typical Interior Wall. Shows 6" fil between top of footing to bottom of slab. Which means bottom of footing is 24" below slab. Detail A/5.04.502 shows bottom of footings -3'-6" below slab. No steps are shown from exterior footings to interior footings. Should we figure all interior masonry walls start at -2'-6"? (**RFI DA05**)

**Response:** Ok. Interior walls shall bear a minimum of 18" below top of slab. Where a CMU wall on a single column line transitions from exterior to interior provide stepped footing per requirements of D/5.04.501, or maintain 3'-6" depth. Unclear where suggested -2'-6" dimension comes from.

Building #5 – Vehicle Wash Building: Grouting of masonry walls. Walls section 2/5.03.302 stats 12" CMU filled Solid with Concrete. Masonry wall schedule on drawings 5.04.102 calls for the 12" CMU to Partially Grouted 16" O.C. Which is correct? (RFI DA05)

**Response:** Walls are partially grouted as indicated on structural drawings.

215. Building #5 – Vehicle Wash Building: 6" CMU walls at Toilet Room 505. Any vertical reinforcement required in this walls? Did not find a partition schedule. (**RFI DA05**)

**Response:** Provide #5 bars at 24" o.c.

216. On drawing 8.06.121 drawing reflect a EM fixtures that is not depicted on lighting schedule. Please confirm Lighting Information for fixture. **(RFI HS02)** 

**Response:** See revised drawing issued in Addendum #14. Per lighting schedule on sheet 0.06.604 EM designation indicates required 90 minutes battery backup.