



Pre-bid Site Walk Questions #5

Date: 3-31-2016

From: Matthew Heiman, Facilities Engineering Project Section, COR

1. **At the edges of the MRI Roof, particularly at Detail 9/AS704, how far down vertically is the new waterproofing to be applied?**
 - a. *Intent of the design is to apply waterproofing down to the Top of Footings, below the occupied space.*

2. **Pre-bid Site Walk Questions #2, Item 2: On Sheet AS702, can you tell us what the existing insulation and roofing system is?**
 - a. *Wednesday March 6th at 1:00pm. Minneapolis VHA Engineering, and grounds performed an excavation to determine the makeup of the existing MRI roof. Location: (referencing drawing AS702)*
 - i. *58ft plan north of existing edge of canopy concrete walkway*
 - ii. *10ft west of Edge of Roof, 30ft from existing concrete walk.*
 - b. *Representatives were present from Erickson Builders, Versacon Inc. and Division 21. As well as a roofing subcontractor.*
 - c. *Depth at this location was approximately 16" to the fabric weed barrier. This location was chosen due to the presumed shallow depth due to current grading. This depth is expected to vary greatly as the grading changes.*
 - d. *After potholing a location we have determined the following:*
 - i. *Fabric Weed Barrier*
 - ii. *Insulation: 2 layers of 2" extruded foam*
 - iii. *Elastomeric Membrane*
 - e. *The membrane appeared to be loosely layered directly over the concrete deck. There was what appeared to be a black adhesive product that remained after removing the Elastomeric Membrane. This product was easily scraped clean to the concrete roof deck.*



3. **Can you please provide more information on the specs for the Exterior Sign that reads "OUTPATIENT ENTRANCE". The Exterior Elevation drawing refers to the sign being illuminated. Please clarify if the illumination is Halo or Face lit. Section 10-14-00 has the exterior sign materials for non-illuminated signs.**
 - a. Refer to The VA Signage Design Guide, Section 4 Exterior Signs. Dimensional Building Identification Letters
 - b. Face Illumination with LED's. LED's to be UL recognized and carry the UL label Rated life of LED's to exceed 40,000 hours, Color temp to match 5000k to 6500k

4. **Please confirm the purpose of Spec Section 07 11 13 is for the patching of existing waterproofing at Details 10/AS502**
 - a. Section 07 13 52 is for the patching of existing waterproofing at at Details 10/AS502
 - b. Section 07 11 13 is for the patching of vertical locations where there is no accessible space beyond. The footing of the Emergency vehicle entrance 7&8/AS703 as an example.

5. **What is the required blast designation rating of the glass systems**
 - a. It is the determination of the Minneapolis VHA Engineering department that a blast rating is not required.
 - b. In the interest of building classification of this portion of the Building Envelope we have classified this structure as a connecting corridor. This includes the existing canopy being enclosed, as well as the new canopy structure to be erected.
 - c. The Minneapolis VHA is a mission critical facility. See 084113.1.7.G.2, and "Physical Security Design Manual JANUARY 2015 For VA Mission Critical Facilities. Per the PSDM- MCF "Connecting corridor concourse... that are not the main entrance or required exit for the connected buildings...shall be exempt from the requirements of Chapters 6 and 7."
 - i. The facilities main entrance is not being affected by this structure.
 - ii. The locations affected by the existing outpatient exit path have redundant exit paths in the event of an emergency within the connecting corridor.

Sincerely,

Matthew Heiman
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Facilities Engineering Project Section