

REQUEST FOR INFORMATION (RFI) RESPONSES

36C26118B0609 - Expand Mental Health B.27

1. Per Section 08 44 13_2.5_9, Blast Resistance: Design level threat (W1) located at the standoff distance, but not greater than GP1. Please define charge weight and standoff distance for expansion.

During construction of the original building, via RFI #10-02 (enclosed), AGI confirmed w/ Structural Engineer of Record (BRA) that only gridlines 'A' and 'A.1' were required to be blast rated. Please confirm this is still applicable for the expansion.

Proposal RFI Response – The expansion was designed to match the existing building and gridlines A and A.1 are still required to be blast rated.

2. Per Section 08 44 13_2.5_9, the exterior curtainwall fenestration is required to meet STC 50. Kawneer, as specified and utilized on the original building, will not meet a STC of 50. Please confirm that Kawneer framing, as specified and utilized on the original building, sans the STC 50 rating, is acceptable.

Proposal RFI Response –The Kawneer framing or equivalent product is acceptable based on the business use of the building.

NOTES PERTAINING TO DEDUCTS / OPTION

Specifications:

Specifications were updated for Division 9 to match current VA formatting and content with existing finishes from phase 1.

Electrical:

EP101

Provide 120V 20A connection to power operators on front sliding door (near C.6/C.8). Circuit to 20A circuit breaker in Panel 'EML'. Coordinate with equipment provider to interconnect operator devices described below for complete and functional installation.

TK104-106 General

Card readers, security cameras and associated mounting hardware indicated on Systems Plans provided by VA. Contractor shall coordinate and provide all necessary rough-in for complete and functional installation including pull strings affixed to each end in all conduits where cabling is provided by VA. All other devices not noted above indicated on Systems Plans to be provided by the Contractor.

TK104

Provide card reader (CR), and push plate at exterior of front sliding door (near C.6/C.8). Coordinate exact device locations with Architect either wall/mullion mounted or pedestal. Provide complete and functional installation.

Provide electric strike (ES), door contact (DC), and request to exit (RTE) at sliding door frame. Coordinate with equipment provider for complete functional installation.

Provide push plate at interior side of sliding door on adjacent column. Provide complete and functional installation to door.

Add door contact (DC) at interior door of stair 1C08, connect to security system.

TK105

Omit push plate, CR, ES, RTE at stair 2C08 door. Install only DC, connect to security system.

Fire Protection:

The extension of the fire sprinkler system for Phase 2 does not negatively impact the design or operation of the existing fire sprinkler system. We are proposing to connect to the existing 3" cross mains on both the 1st and 2nd floors and extending the existing fire sprinkler system in to the Phase 2 area. The design for the sprinkler system for Phase 2 is based on the requirements in NFPA 13 which limits light hazard systems to 52,000 sq. ft. per floor. As long as the total system size is under 52,000 sq. ft. and the pipe is sized for the hydraulically furthest part of the system, it will comply with NFPA 13. For Phase 2, the minimum required design area is 900 sq. ft. which now becomes the most hydraulically remote area of the sprinkler system. The pipe sizes selected for Phase 2 are based on the calculation for that 900 sq. ft. area. Note that this concept will also apply for another Phase as well. As long as the total sprinkler system does not exceed 52,000 sq. ft. per floor and the building configuration and occupancy are similar to Phase 2, then the system could again be extended without negatively impacting the Phase 1 or 2 fire sprinkler system.