

TG16.8 – Spray/Intumescent Fireproofing

Questions are numbered in the order received. Numbers missing in the sequence either have been answered in a previous response set or will be answered in a future set.

Question No.	Submission Date	Drawing No.	Document/Spec. No.	Question	Response
TG16.8-001	8/8/2014	A1-8662, A1-8663	07 81 00	Per 07 81 00 3.1 B fireproofing cannot begin prior to completion of roofing. This will not work with the construction schedule. Please revise requirement to allow fireproofing to commence prior to installation of roofing.	This requirement noted in Specification 07 81 00 / 3.1 B regarding fireproofing and installation of roofing will be deleted as part of a future Addendum.
TG16.8-007	8/14/2014		07 81 00	REFERENCE: Specification Section 07 81 00 - 3.3 Application C.4 Sealer Please provide a drawing or grid lines of the areas of the building that are being used as Air Plenums and non-ducted air shafts. Are there areas of the building with this condition?	All air-conditioned areas of the building (including future retail tenant spaces) served by heat pumps as shown on the mechanical drawings will use the ceiling plenum for return air. The two emergency generator rooms on Level 02 will be used as air plenums. The two loading docks on Level 01 will be used as air plenums. The stairwells that are pressurized (refer to detail 3/M1-4005) will be used as air plenums. The cooling tower air intake plenum under the vehicle ramp, the cooling tower room (B1922) and the circular vent structure above the room will all be used as air plenums. The main vertical MEP shafts through the building are all ducted air shafts.
TG16.8-008	8/14/2014	A1-8238	Detail 1/A1-8238 07 81 23	REFERENCE: Specification Section 07 81 23 - Detail 1/A1-8238 The detail indicates that the Steel Ring beam gets fireproofing but does not designate what type of fireproofing is required. Please designate the type of fireproofing (SFRM, IFRM-1, etc.).	The fireproofing depicted in the detail is typical of SFRM.

Question No.	Submission Date	Drawing No.	Document/ Spec. No.	Question	Response
TG16.8-009	8/18/2014	A1-8662, S1-4206	Detail B/A1-8662, Detail 7/S1-4206 07 81 23	<p>REFERENCE: Detail B/A1-8662, Detail 7/S1-4206</p> <p>The details contain a note that states Fireproofing is required on the BRB members. These seismic lateral bracing elements are not generally considered fire resistive structural elements of the building. Please confirm that these need to be fire rated. If rated as noted, please provide the dimensional physical properties of the members.</p> <p>On Detail 7/S1-4206, the structural criterion is listed, but the size of the actual members is not listed. Please provide the physical sizes, including wall thickness, for these HSS members.</p>	<p>Seismic BRB bracing located exposed to the exterior will be coated for IFRM-2 and the rest of BRB locations will be treated with SFRM per A1-8662. Information on BRB can be obtained from its shop drawings, which have been provided as part of the Supplemental Documents added in Addendum 4.</p>