





GENERAL STRUCTURAL NOTES

CONDITIONS FOR CONSTRUCTION AT EXISTING OCCUPIED BUILDING

Where new construction penetrates the existing occupied building envelope, the following items shall be incorporated into the contractor's bid.

1. Time of construction
 - a. The existing building is an occupied space and is in use during business hours. These business hours shall be set forth by the owner.
 - b. Construction items noted below are to occur outside of business hours, unless otherwise arranged with owner.
 - c. It is the contractor's sole responsibility to coordinate with the building occupants when work may take place outside of business hours.
2. Construction items deemed to cause an operational hardship on the occupied space shall be coordinated per item '1'. These items include but are not limited to:
 - a. Cutting and patching of existing metal roof deck for MEP penetrations, new column installation, and metal stud or curtain wall attachments.
 - b. Erection and installation of new columns on top of existing columns per details 5/S-514 and 1/S-524.
 - c. Installation of new headed stud anchors onto existing beams.
 - d. Erection and installation of new beams connecting to existing columns or existing beams.
 - e. Partial demolition and construction of existing metal stud walls for attachment of new metal stud walls and curtain wall systems as well as new beams connecting to existing columns or existing beams.
 - f. Installation of new concrete over existing metal floor deck.
 - i. The contractor shall completely seal the existing metal deck prior to pouring new concrete to avoid water leakage and concrete seepage into the occupied space below. Applications such as sheet or liquid applied membranes are acceptable as no bond between the deck and concrete is required. However, the headed stud anchors are the connection between the concrete and deck, therefore no seal is allowed between the headed stud anchor and metal deck.
 - ii. All side laps shall be sealed.
 - iii. All deck overlaps shall be sealed.
 - iv. All open flutes at ends of metal deck sheets shall be sealed.
 - v. All existing and new penetrations in existing metal deck including screws and other such attachments shall be sealed.
 - g. Welding at existing elements.
 - i. Any welding that causes fire hazards to the occupied space below shall be performed with the exposed elements protected from fire and smoke.
 - ii. A fire watch must be in place while welding is occurring.
3. Damages to existing non-structural elements
 - a. The contractor shall be responsible for protecting all existing non-structural elements from damage that might be incurred during construction.
 - b. Any damages that occur to such elements which cause operational hardship of the occupied space shall be repaired as necessary.
 - c. Any damages that occur to such elements shall be repaired and/or replaced to like-new condition by the contractor in the most expedient manner possible at the contractor's expense.
4. It is the contractor's sole responsibility to conform with the instructions above and to provide precautions to protect the existing building and its occupants.



ADDENDUM #1		2/24/2016	CONSULTANTS:		ARCHITECT/ENGINEERS:		SEAL:		Drawing Title		Project Title		Project Number		Office of Construction and Facilities Management	
			 		 				GENERAL-STRUCTURAL-NOTES		Construct Rehab/Prosthetics & Ortho/Neuro/Holistic Medicine Addition (B.01)		660-302			
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