



**SUGGESTED SEQUENCE OF CONSTRUCTION NOTES:**

- A. The Contractor shall relocate and/or provide temporary supports for all existing utilities (electrical, HVAC, plumbing, fixtures, etc.) as necessary to maintain existing building operations in service and to perform work prior to start of any demolition.
- B. The existing roof, wood stud wall, columns, beams and tie-rod X-bracing on the existing west wall of the building must not be removed until the new tie rod X-bracing has been fully installed, the existing steel roof truss has been welded to the new steel beam on column line A.7, and the existing roof deck has been bolted to the new wood stud wall.
- C. The Contractor shall control temperature (minimum 65 degrees F.) and weathertightness in the existing building to permit continued Owner occupancy of the existing building. The portion of the existing building that is to be removed shall remain in place as much as possible, except for portions that must be removed to install the modifications, until such modifications to the existing building are complete and the modified portion of the building is enclosed. Coordinate all work and/or temporary shut-downs that may be required with the building Owner and Occupant.
- D. To accommodate the new location of the spray paint booth, the Contractor shall provide and install temporary shoring supports and structural protection for the existing roof, wall and portion of existing steel column B3 to remain prior to start of any demolition work. Temporary shoring supports and protection shall include, but shall not be limited to, shoring towers, beams, needling of the existing roof, wall and column. After new work is fully installed, Contractor shall remove all temporary shoring and protection and patch and repair all construction disturbed or damaged by the Contractor. Means and methods of providing the temporary shoring supports, structural protection and/or needling beam sizes and locations shall be the Contractor's responsibility and shall be designed by the Contractor's Illinois licensed Structural Engineer. Submit calculations, drawings, details and sequence of installation and removal of temporary shoring supports and structural protection sealed and signed by the Contractor's Illinois licensed Structural Engineer. See Dwg. No. SBM-6 for suggested required temporary shoring detail.

**NOTES:**

- E. After all required shoring supports and structural protection for the existing roof, wall and portion of existing steel column B3 that must remain are in place, cut existing steel roof column to required height to allow installation of new transfer beam to support existing modified steel column. Existing modified steel column must be fully supported on the new transfer beam. Confirm fit of new beam over existing paint booth prior to fabrication of material.
- F. Relocate existing spray paint booth and vent by moving or by disassembling and reassembling existing spray paint booth and vent to the east as shown on Drawing Nos. SBM-5 and SBM-6.
- G. Sawcut and remove a portion of the existing reinforced concrete slab on grade, foundation walls and footings and building walls as required to install new underpinning, reinforced concrete slab on grade, foundation walls and footings and steel columns. Confirm fit of new construction with existing prior to moving paint booth.
- H. Install new steel columns, beams, X-bracing and girts.
- I. Install new steel transfer beam, spanning between the new and existing steel columns, to support existing modified column B3 that was cut to accommodate the new location of the spray paint booth.
- J. Install new load-bearing wood stud walls and metal wall panels. Seal all new construction watertight.
- K. Relocate and re-install existing exhaust fans. Install new curbs for roof mounted fans or vents as necessary.
- L. Relocate and re-install permanent electrical, HVAC, and plumbing service and fixtures.
- M. Remove remainder of existing building to the west. Shore existing steel beams and girts and wood ledger prior to cutting. Remove temporary shoring only after all new connections of existing to new construction are fully in place.
- N. Patch roofing watertight to match existing adjacent roofing construction.
- O. Install new gutters and downspouts that were removed or damaged. Tie into the existing gutters and downspouts. Provide concrete splash blocks at spillouts.

For Demolition Notes and Demolition Sections see Drawing No. SBM-4.

\* - Indicates dimensions to be determined in field by Contractor

PLANS PREPARED BY:

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**LEGEND:**

- Indicates existing structure to be demolished

REVISION	
DATE	DESCRIPTION

**SBM-3** FR-416

SCALE: NONE