



THIRD FLOOR AND LOW ROOF FRAMING PLAN  
SCALE: 3/16" = 1'-0"

- NOTES:
- TOP OF CONCRETE SLAB ELEVATION IS AT 31'-0" ABOVE DATUM UNLESS NOTED THUS [ ] ON PLAN FROM DATUM.
  - ELEVATION TOP OF STEEL BEAMS 5/8" BELOW TOP OF SLAB UNLESS NOTED THUS [ ] ON PLAN FROM DATUM.
  - [ ] - DENOTES CHANGE IN FLOOR ELEVATION.
  - W12x19 (6) DENOTES W12x19 STEEL BEAM WITH (6) 3/4" DIAMETER x 4 1/2" LONG COMPOSITE SHEAR STUDS
  - [ ] - DENOTES SPAN OF 2 1/2" NORMAL WEIGHT CONCRETE REINFORCED WITH 6x6- W2.0xW2.0 NWR OVER 3" 20 GA COMPOSITE GALVANIZED METAL FLOOR DECK. TOTAL SLAB DEPTH = 5 1/2".
  - [ ] - DENOTES MOMENT CONNECTION, DETAILED TO DEVELOP THE FULL MOMENT CAPACITY OF THE BEAM IN ADDITION TO THE STANDARD SHEAR CONNECTION.
  - ALL WIDE FLANGE SHAPES SHALL BE ASTM-A572 OR ASTM A992 GRADE 50 (50 KSI YIELD).
  - (XXX) DENOTES XX kip SERVICE AXIAL LOAD (T/C). DESIGN CONNECTION FOR THE GIVEN AXIAL LOAD IN ADDITION TO THE STANDARD SHEAR CONNECTION WHERE NO AXIAL LOAD IS INDICATED ON PLAN, DESIGN FOR A 10k AXIAL LOAD AS PER THE GENERAL NOTES.
  - ALL STEEL BEAMS BEARING ON CONCRETE OR MASONRY SHALL HAVE A 3/8x6x10 BEARING PLATE WITH (2) 3/8" Dia x 6" LONG HEADED STUDS UNO.
  - ALL STAIR CMU WALLS TO 8'-0" CONTINUOUS KNOCK-OUT BLOCK BOND BEAMS 48" WITH (2) #5 HORIZONTAL, AND #5 @ 32" O.C. VERTICAL, CENTERED IN WALL FULL HEIGHT.
  - THE GC/CM SHALL COORDINATE ALL OPENINGS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND TYPICAL DETAILS.
  - SEE TYPICAL DETAIL DRAWING(S) FOR TYPICAL DETAILS NOT REFERENCED ON PLAN(S).
  - FOR ADDITIONAL INFORMATION SEE GENERAL NOTES.
  - CONTRACTOR SHALL PROVIDE FOR 5/8" AVERAGE THICKNESS OF ADDITIONAL CONCRETE DURING PLACEMENT FOR ALL SLABS SUPPORTED & FORMED ON STEEL DECK OVER THE ENTIRE FLOOR AREA. THE DESIGN OF THE SUPPORTING STEEL BEAMS INCLUDE PROVISIONS FOR ADDITIONAL DEAD LOAD OF 9 PSF BASED ON THE SAME AVERAGE INCREASE IN SLAB THICKNESS RESULTING FROM THE DEFLECTION OF UNSHORED FRAMING MEMBERS. THE CONTRACTOR SHALL PROVIDE THE MEANS BY WHICH THE MAXIMUM & MINIMUM CONCRETE SLAB THICKNESS CAN BE MONITORED & VERIFIED DURING & AFTER THE PLACING & FINISHED WORK.

\* DENOTES FRAMING TO BE SPRAY FIREPROOFED.  
DO NOT PRIME STEEL. COORDINATE FIRE RATING  
REQUIREMENTS WITH DRAWING G.002.

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### THIRD FLOOR AND LOW ROOF FRAMING PLAN

SCALE: AS NOTED  
DATE: 03.14.2025  
FILE: 23-0218

SHEET NO:  
**S.103**