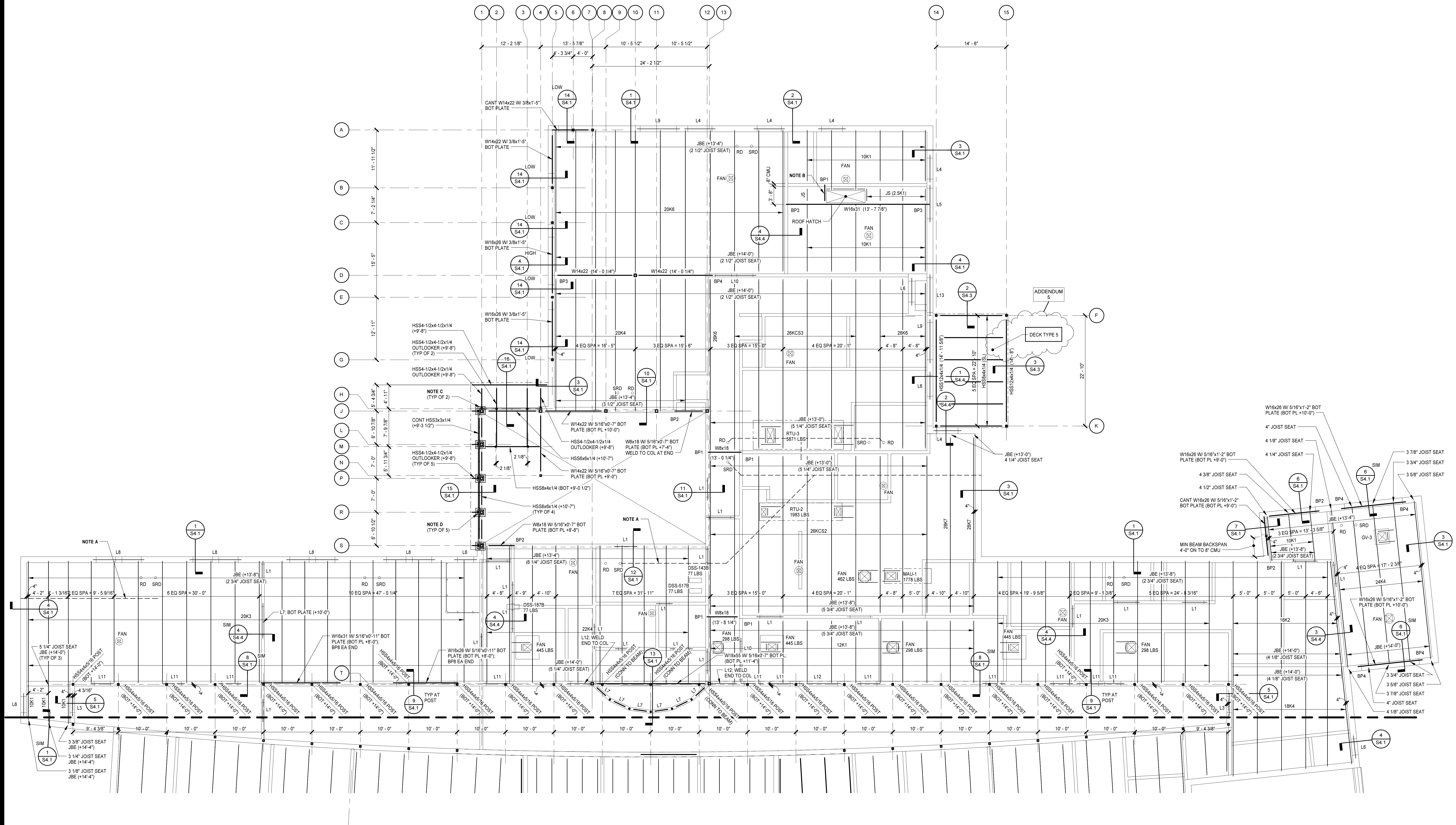


LOUDOUN COUNTY JUVENILE DETENTION CENTER
 42055 GOURLEY TRANSIT DRIVE
 LOUDOUN COUNTY, VIRGINIA

PROJECT NO:	DATE:
481000	JULY 15, 2020
REVISIONS	
DATE:	DESCRIPTION
11/24/20	ADDENDUM 5

LOW ROOF FRAMING PLAN - PART A

S2.1



LOW ROOF FRAMING PLAN - PART A
 1/8" = 1'-0"

- NOTES**
- ALL PLUS/MINUS STRUCTURAL ELEVATIONS INDICATED ON PLAN ARE REFERENCED FROM FINISHED FIRST FLOOR ELEVATION (+0'-0"), UNO.
 - STEEL ROOF DECK SHALL BE DECK TYPE 1, UNO. REFER TO DRAWING S4.0.1 FOR STEEL DECK SCHEDULE. REFER TO FRAMING PLAN AND ARCHITECTURAL AND STRUCTURAL SECTIONS FOR EXTENT OF DECK TYPES.
 - REFER TO FOUNDATION PLAN NOTES FOR EXTERIOR WALL REINFORCEMENT, UNO.
 - REFER TO DRAWING S0.1 FOR GENERAL NOTES, PLAN LEGENDS AND STRUCTURAL ABBREVIATIONS.
 - REFER TO DRAWINGS S4.0.1 AND S4.0.2 FOR TYPICAL FRAMING DETAILS.
- NOTE A:** JOIST MFR SHALL DESIGN JOISTS TO SUPPORT 400 LB POINT LOAD FROM BOTTOM CHORD AT ANY LOCATION ALONG SPAN DUE TO 6" DIAMETER STORM DRAIN PIPING.
- NOTE B:** PROVIDE W10x15 BEAM TIGHT TO DECK AT HATCH FOR ATTACHMENT OF METAL STAIR STRINGERS.
- NOTE C:** MAXIMUM UNFACTORED TOTAL LOADS AT MOMENT CONNECTION, M = 4.1 K-FT, V = 1.7 K.
- NOTE D:** MAXIMUM UNFACTORED TOTAL LOADS AT MOMENT CONNECTION, M = 1.2 K-FT, V = 1.2 K.

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