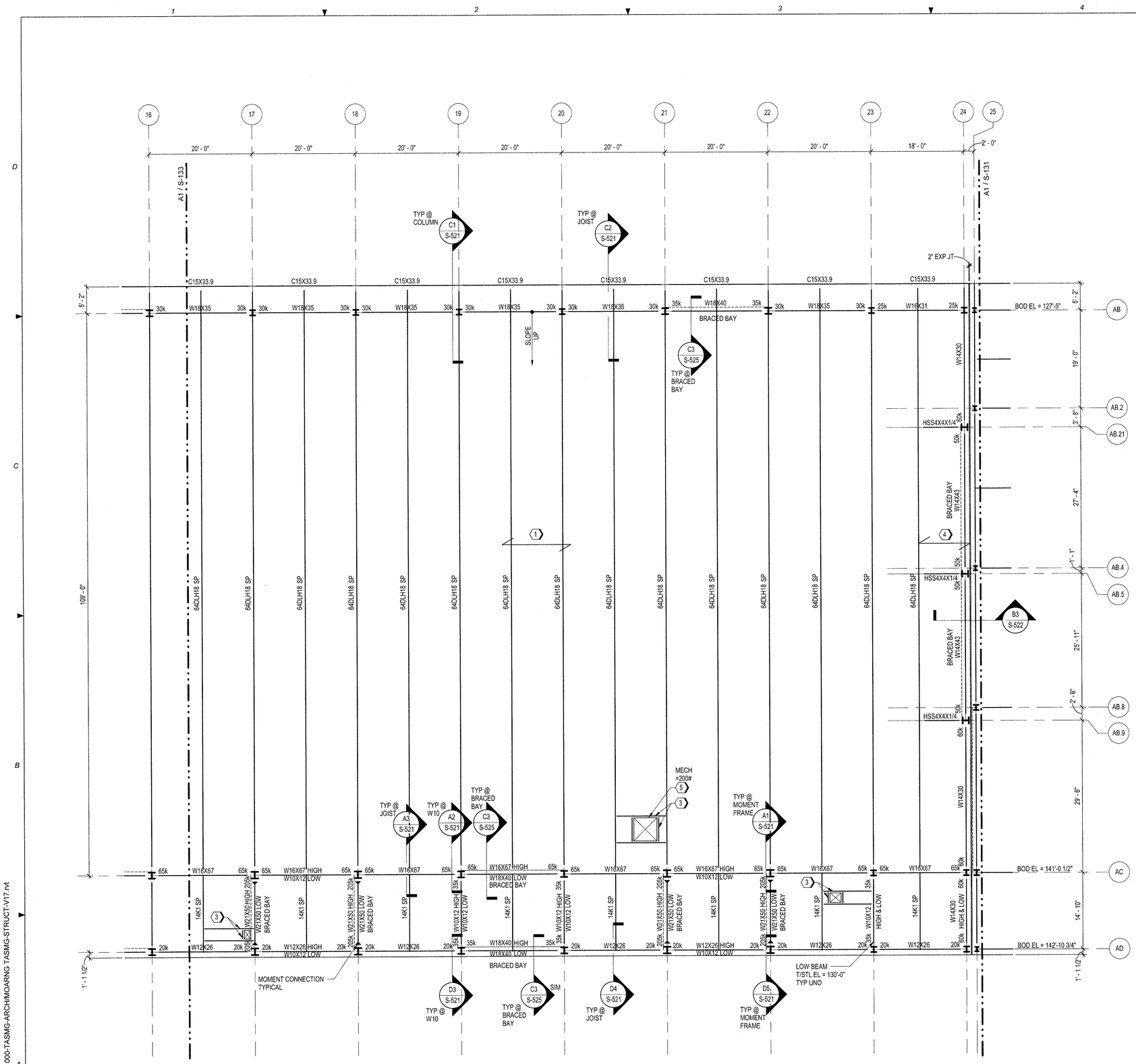

A1 PARTIAL ROOF FRAMING PLAN - AREA B
1/8" = 1'-0"
S-103

SHEET NOTES

1. FOR STRUCTURAL GENERAL NOTES AND ABBREVIATIONS, SEE S-001 & S-002.
2. FOR TYPICAL DETAILS, SEE SHEETS S-501 THRU S-506.
3. SEE S-101 FOR COLUMN SIZES AND SCHEDULE.
4. BEAMS AND JOISTS SHALL BE SPACED EQUALLY BETWEEN GIRDERS AND GRIDLINES, TYP UNO.
5. DESIGN AND PROVIDE BEAM CONNECTIONS WITH A CAPACITY GREATER THAN THE (LRFD) SHEAR LOAD INDICATED ON PLAN (IN KIPS).
6. PROVIDE BEARING PLATES FOR ALL BEAMS BEARING ON CMU AS INDICATED PER A1 & A3/S-503, TYP UNO.
7. ROOF JOIST SEATS SHALL BE SLOPED AND/OR SKEWED AS REQUIRED TO ACHIEVE THE DESIGNATED SLOPES/ELEVATIONS. ASSUMED JOIST SEAT DEPTH AT EACH END AT CENTERLINE OF SUPPORTING MEMBER/BOD ELEVATIONS INDICATED AS FOLLOWS:
   K-SERIES JOISTS @ 1/2" PER FOOT ROOF SLOPE = 3 1/2"
   K-SERIES JOISTS @ 1 1/2" PER FOOT ROOF SLOPE = 3 1/2"
   DLH-SERIES JOISTS @ 1 1/2" PER FOOT ROOF SLOPE = 6 1/2"
8. WHERE DRAWINGS INDICATE MOMENT CONNECTION SYMBOL, CONTRACTOR SHALL DESIGN AND PROVIDE A FULLY RESTRAINTED MOMENT CONNECTION TYP. UNO.

KEYED NOTES (SEE PLAN FOR LOCATION OF KEY NOTES. SOME NOTES MAY NOT BE USED ON THIS DRAWING.)

1. 3" x 18 GA ROOF DECK. REFER TO GENERAL NOTES ON S-002 FOR ADDITIONAL INFORMATION.
2. 1 1/2" x 18 GA ROOF DECK. REFER TO GENERAL NOTES ON S-002 FOR ADDITIONAL INFORMATION.
3. PROVIDE FRAMING AT ROOF OPENINGS AND AT PERIMETER OF MISC. EQUIPMENT PER A1 & A2/S504 TYP UNO. COORDINATE FRAMING LOCATIONS WITH EQUIPMENT MANUFACTURER/INSTALLER.
4. PROVIDE SINGLE SPAN DECK AT END BAY.
5. DESIGN JOISTS FOR MECHANICAL EQUIPMENT LOAD AS INDICATED ON PLAN. COORDINATE EQUIPMENT BEARING POINTS / LOCATIONS WITH MECHANICAL CONTRACTOR.

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STATE OF MISSOURI BRIAN J. HORSTMANN NUMBER PE-2004005372 PROFESSIONAL ENGINEER

Brian J. Horstmann, PE
Structural Engineer
MO# PE-2004005372

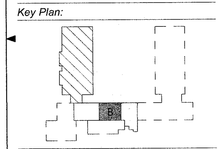
REV	DESCRIPTION	DATE

AVCRAD PHASE 3A ADDITION
1107th THEATER AVIATION SUSTAINMENT MAINTENANCE GROUP

MISSOURI ARMY NATIONAL GUARD
GREENE COUNTY
SPRINGFIELD, MISSOURI
CONTRACT NO. T1808-01

NATIONAL GUARD BUREAU
NGB PROJECT NO. 290109

Key Plan:



Scales:
0 4' 8' 16' 24'
1/8" = 1'-0"

Project No.: T1808-01

Drawing Title:
STRUCTURAL
PARTIAL ROOF
FRAMING PLAN
AREA B

Date: 29 JUNE 2018

Designed: TLB
Drawn: EMF
Checked: BJH

Drawing No.: S-132
71 of 322

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