STRUCTURAL LEGEND

- `-` • INDICATES FOUNDATION TYPE MARK, REFERENCE THE FOUNDATION SCHEDULE.
- LOW HIGH • INDICATES FLOOR/ROOF STEP.
- LOW HIGH • INDICATES TOP FOUNDATION WALL STEP.
- LOW HIGH • INDICATES TOP FOOTING STEP.
- • INDICATES NEW STRUCTURAL 8" CMU WALL. SIZE TYPICAL UNLESS NOTED OTHERWISE PER PLAN AND/OR ELEVATION
- • INDICATES NEW NON-STRUCTURAL 8" CMU WALL BELOW. SIZE TYPICAL UNLESS NOTED OTHERWISE.
- (#) • INDICATES KEYED NOTE.
- W- • INDICATES NEW WALL, REF WALL SCHEDULE.
- -- • INDICATES NEW GRIDLINE

ROOF FRAMING PLAN NOTES

1. ALL ELEVATIONS ARE REFERENCED FROM 0'-0" = 192.50'.
2. VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS. GRIDLINES ARE LOCATED AT OUTSIDE FACE OF CONCRETE MASONRY WALLS AND/OR COLUMN CENTERLINE.
3. DETAILS ON THESE PLANS ARE INTENDED TO DEPICT THE GENERAL CONSTRUCTION METHODS FOR THIS STRUCTURE. CONNECTIONS, DETAILS AND CONDITIONS NOT SPECIFICALLY SHOWN THAT ARE SIMILAR TO THOSE THAT ARE SPECIFIED SHALL BE ASSUMED ONE AND THE SAME. IF QUESTIONS REGARDING THE APPLICATION OF DETAILS ARE ENCOUNTERED, NOTIFY THE ARCHITECT / ENGINEER FOR CLARIFICATION IN A TIMELY MANNER PRIOR TO BID OPENING.
4. REFERENCE MEP DRAWINGS FOR ALL ELEVATIONS, PIPE PENETRATIONS, ETC. REFER TO STRUCTURAL DETAILS CORRESPONDING TO SPECIFIC ITEMS SUCH AS PIPE PENETRATIONS, OPENINGS, ETC.
5. NON-BEARING WALLS MAY NOT BE SHOWN ON STRUCTURAL PLANS. REF ARCH DRAWINGS FOR ADDITIONAL INFORMATION.
6. CMU LINTELS NOT SHOWN ON PLAN; REFERENCE STRUCTURAL ELEVATIONS (S200 AND S201) FOR LINTELS AND LINTEL SCHEDULE. REFERENCE 8/S400 FOR LINTEL DETAIL.
7. BOTTOM OF DECK IS EQUAL TO TOP OF STEEL UNLESS OTHERWISE NOTED. BOTTOM OF DECK IS INDICATED PER PLAN.
8. TOP OF WALL ELEVATION IS 24' - 0" UNLESS OTHERWISE NOTED. TOP OF CMU ELEVATION EQUALS TOP OF WALL ELEVATION UNLESS OTHERWISE NOTED.
9. D1 INDICATES SPAN DIRECTION OF 3" TYPE N METAL ROOF DECK, 20 GAGE, GALVANIZED (G90).
10. BEAMS ARE EQUALLY SPACED BETWEEN COLUMN LINES UNLESS OTHERWISE NOTED.
11. REFERENCE 15 / S500 FOR FRAMING AROUND OPENINGS IN METAL ROOF DECK.
12. FASTEN 3" TYPE N STEEL ROOF DECK TO STEEL SUPPORTS IN THE FIELD WITH HILTI X-HSN-24 IN A 32/3 PATTERN AND HILTI S-SLC 01/02 SIDE LAP FASTENERS AT 6" OC. FASTEN STEEL DECK TO ALL PERIMETER STEEL AND STEEL SUPPORTS AROUND ALL OPENINGS @ 6" OC W/ HILTI X-HSN-24 FASTENERS. REFER TO MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION. FASTENER SUBSTITUTION ACCEPTABLE UPON APPROVAL OF PROPOSED FASTENER DOCUMENTATION BY THE EOR.
13. REFERENCE S501 FOR TRUSS PROFILE AND DETAILS.

KEYNOTES (#)

1 W8x24, R=10k A=+/-15 k; T/STEEL = B/DECK.

2 (2) L5x3.5x5/16 (LLBB) BRACES, TYPICAL; PER 3/S501 & 5/S501

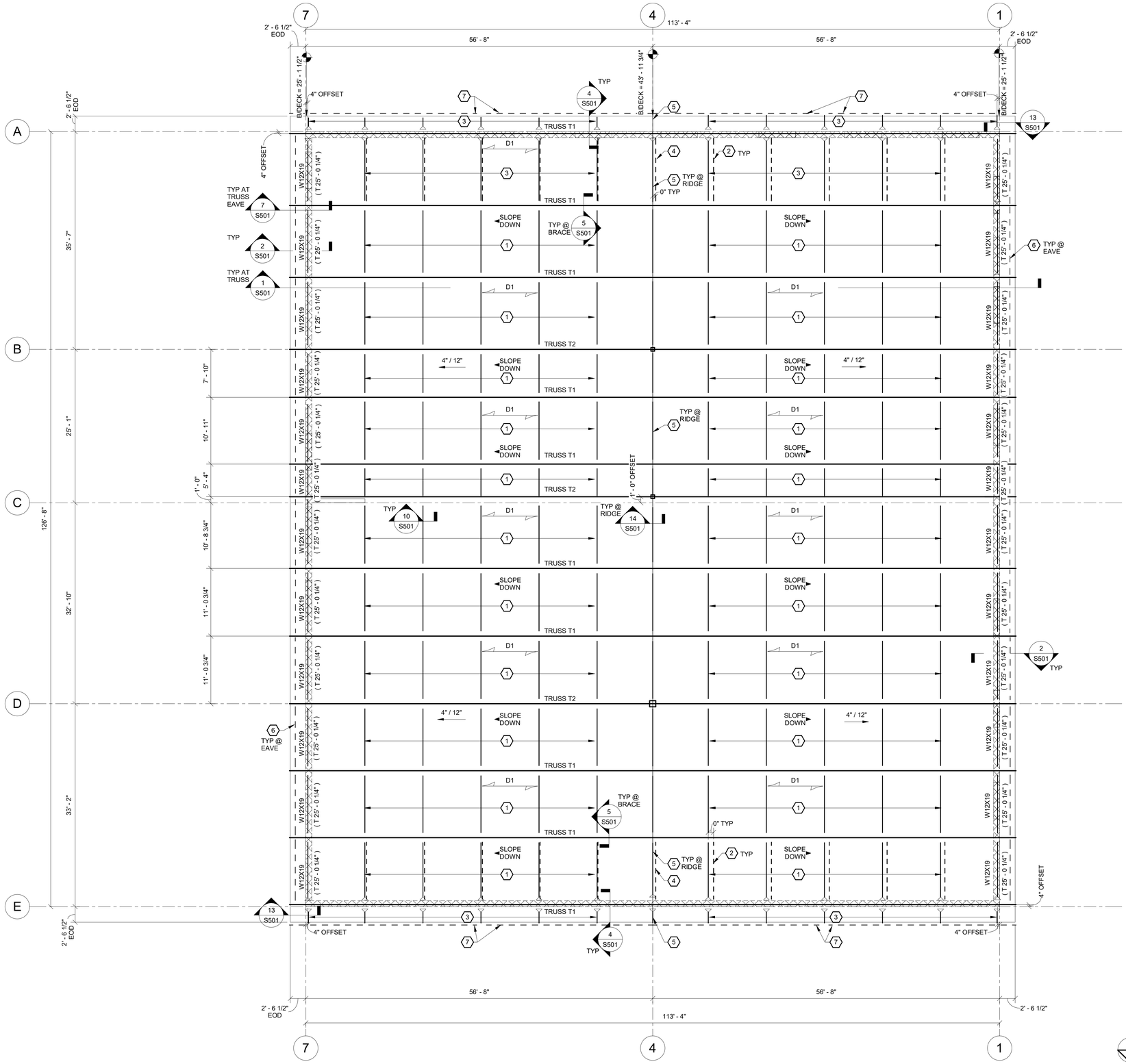
3 W8x24, R=10k A=+/- 15 k M=+/-5 k ft; T/STEEL = B/DECK, REF 4/S501

4 (2) L6x6x5/16 BRACES, PER 3/S501 & 5/S501

5 W8x24, R=10k M=+/-5 k ft; T/STEEL = 43' - 10 1/2", REF 4/S501

6 L5x3x1/4 SPANNING BETWEEN TRUSS EAVES, PER 2/S501 AND 7/S501, TYP

7 C8x11.5 CONTINUOUS DECK EDGE SUPPORT (2 SPAN MINIMUM, 4 SPAN MAXIMUM), REF 5/SS01. EXTEND CHANNEL TO EDGE OF DECK AT EAVE



1 S104 ROOF FRAMING PLAN
1/8" = 1'-0"

DATE:	06.19.2023
DRAWN BY:	ENK
SCALE:	As indicated
REVIEWED BY:	CAM
PROJECT NO.:	21-2343
FILE:	

HESNOR ENGINEERING ASSOCIATES
WWW.HESNOR.COM

KEYSTONE ASSOCIATES ARCHITECTURAL SERVICES
WWW.KEYSCOAP.COM

DELAWARE ENGINEERING, P.C.
WWW.DELAWAREENGINEERING.COM

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CODY AARON MESSER
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LICENSED PROFESSIONAL ENGINEER
EXP. 01/31/2025

REVISIONS

NO.	DATE	DESCRIPTION

PORT EWEN FIRE HOUSE
PORT EWEN
FIRE DEPARTMENT
ULSTER, NEW YORK

ROOF FRAMING PLAN

SHEET:
S104

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