



BUC-EE'S

A DEVELOPMENT OF

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Saline County, AR

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BUC-EE'S TRAVEL CENTER
BENTON, ARKANSAS
74K - L - 2024 - Q2
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BENTON, ARKANSAS 72019

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TEXAS REGISTERED ENGINEERING
FIRM F-3426

Arkansas Firm Registration No. 2894
D - A PROJECT No. 24-062-00

ISSUE/REVISION LOG:		
No.	DESCRIPTION	DATE
2	OWNER CHANGES	09/27/2024
3	OWNER CHANGES	04/23/2025



04/23/2025

ISSUED FOR REVIEW: 04/23/2024

ISSUED FOR BID: 05/14/2024

ISSUED FOR PERMIT: 05/14/2024

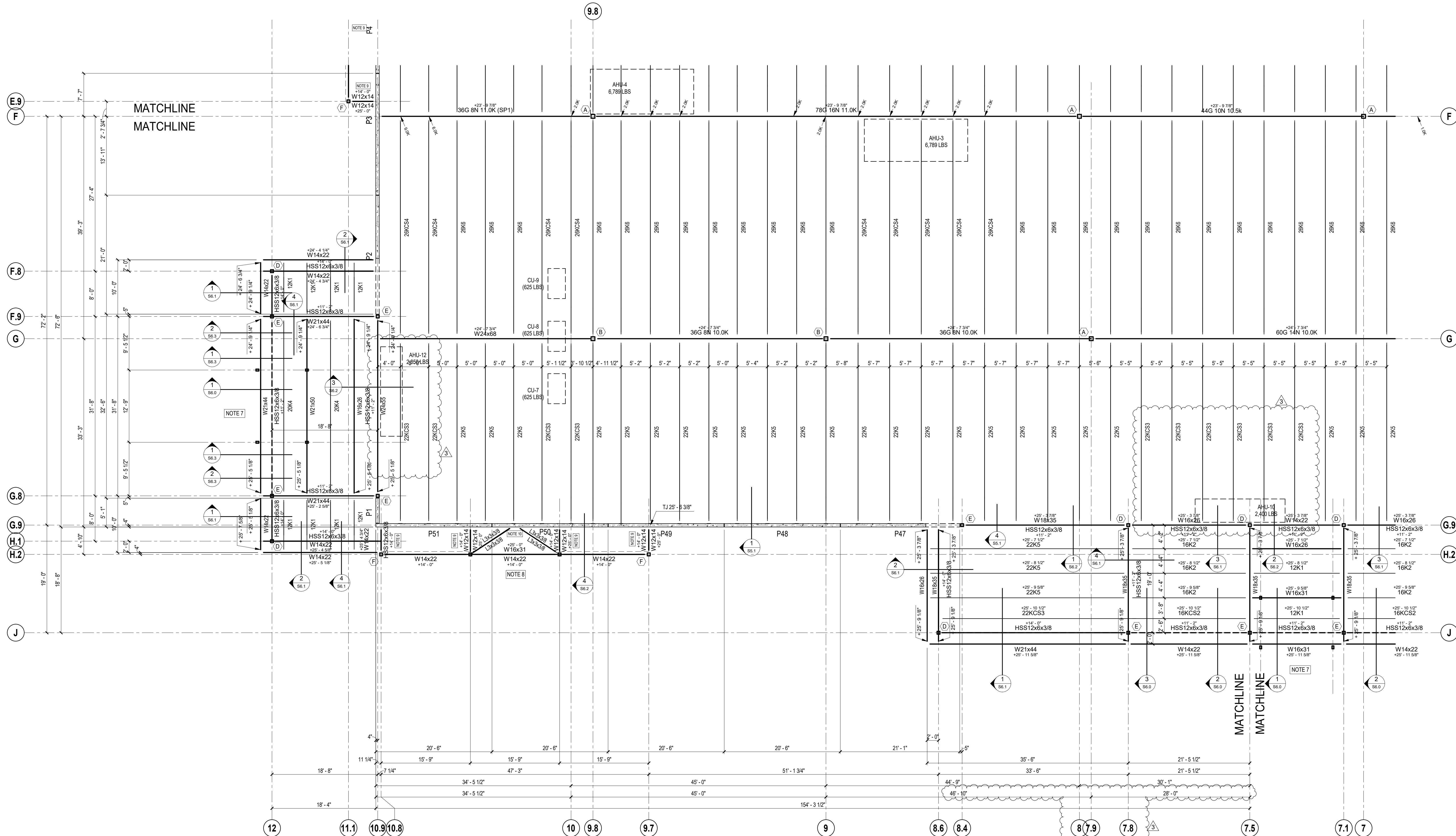
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S3.2

PARTIAL ROOF FRAMING PLAN

LAARC PROJECT NUMBER: 2024-107.000

BENTON, ARKANSAS



COLUMN SCHEDULE		
A	HSS 8 x 8 x 3/8	1 x 14 x 14
B	HSS 8 x 8 x 1/4	1 x 14 x 14
C	HSS 6 x 6 x 5/8	1 x 12 x 12
D	HSS 6 x 6 x 3/8	1 x 12 x 12
E	HSS 6 x 6 x 3/8	1 x 12 x 12
F	HSS 6 x 6 x 1/4	1 x 12 x 12
G	HSS 6 x 6 x 3/8	1 x 12 x 12

TYPICAL BASE PLATES	
	BASE PLATE AT COLUMNS MARK "A", "B", "C", "D", "F" 1 1/2" MINIMUM EDGE DISTANCE FROM CL BOLT TO EDGE OF PLATE AT 3/4"Ø BOLT
	BASE PLATE AT COLUMNS MARK "E" 1 1/2" MINIMUM EDGE DISTANCE FROM CL BOLT TO EDGE OF PLATE AT 3/4"Ø BOLT (ORIENTATE BASE PLATE AS REQUIRED)
	BASE PLATE AT COLUMNS MARK "G" 1 1/2" MINIMUM EDGE DISTANCE FROM CL BOLT TO EDGE OF PLATE AT 3/4"Ø BOLT (ORIENTATE BASE PLATE AS REQUIRED)

TYPICAL ANCHOR BOLTS	
ANCHOR BOLTS: 3/4"Ø x 1'-6" HEADED BOLT W/ QUANTITY AS SHOWN ON BASE PLATE (S) NOTED. PROJECTION ABOVE TOP OF BASE PLATE TO ALLOW FOR INSTALLATION OF NUTS AND WASHERS. TACK WELD BOTTOM NUT TO ROD 1" FROM END	

- ROOF FRAMING PLAN NOTES**
- SEE SHEET S1.0 FOR STRUCTURAL GENERAL NOTES.
 - JOIST SPACING (SEE PLAN).
 - ELEVATION SHOWN THUS "XX'-XX'XX" IS FROM FINISH FLOOR TO TOP OF BEAM OR GIRDER AT END.
 - ELEVATION SHOWN THUS "1J XX'-XX'XX" IS FROM FINISH FLOOR TO TOP OF JOIST.
 - LOADS SHOWN THUS "1K", "X" KIPS" ARE LOADS FROM ROOF TOP MECHANICAL UNITS AND ARE TO BE ADDED TO PANEL POINT LOADS NOTED IN JOIST GIRDER DESIGNATION.
 - JOIST GIRDERS DESIGNATED AS "SP1" ARE DONE SO DUE TO UNEVEN PANEL POINT LOCATIONS ACROSS SPAN.
 - DIMENSIONS REFLECT CENTER-TO-CENTER OF ARCH FRAMING COLUMNS. REFER TO "TUBE FRAMING @ CANOPY ARCH" DETAIL 1/56.5
 - SEE "TYPICAL STRUCTURAL FRAMING ELEVATION" ON S5.1.
 - HIGH & LOW BEAM CONNECTION TO PANEL AT THIS LOCATION TO BE BOLTED. SEE DETAIL ON SHEET S5.0.
 - 13 x 3 x 3/8 HORIZ BRACING (2 EA AT LEVEL) @ HIGH & LOW FRAMING. SEE SECTION 4/86.2 FOR CONNECTION.
 - ALL RTU LOCATIONS SHOWN ON PLAN ARE SPECIFIC LOCATIONS. ANY DEVIATION SHOULD BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER. COORDINATE W/ MEP DRAWINGS FOR ANY ADDITIONAL EQUIPMENT NOT SHOWN ON THIS PLAN. REFER TO DETAILS 16 & 17 ON SHEET S5.0 FOR REQUIRED FRAMING SUPPORTS. THE GENERAL CONTRACTOR IS TO COORDINATE THE UNIT SIZES, CONFIGURATIONS, AND DECK OPENINGS TO ENSURE PROPER SUPPORTS ARE INSTALLED.
 - REFER TO DETAIL 15/55.0 FOR REQUIRED FRAMING AT ROOF DRAIN AND OVERFLOW DRAIN LOCATIONS. SEE ARCH DRAWINGS FOR DRAIN LOCATIONS.

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