1 ROOF FRAMING PLAN

1/8" = 1'-0"

LEGEND:

- C1 — DENOTES COLUMN MARK (SEE COL. SCHED. ON DWG. S1.2)
- O.F. — DENOTES OUTSIDE FACE
- [128'-9"] — DENOTES TOP OF BEAM ELEVATION
- P1 — DENOTES HSS4 x 4 x 3/16 POST. SEE DTL. 9/S1.3 FOR CONN. TO BEAM.
- P2 — DENOTES HSS5 x 5 x 3/16 POST. SEE DTL. 9/S1.3 FOR CONN. TO BEAM.
- DENOTES LIMITS OF 3" x 18 GA. ROOF DECK (SEE PLAN NOTES)
- DENOTES LIMITS OF MECHANICAL EQUIPMENT 5" CONC. SLAB & DECK
- SLOPE — DENOTES DIRECTION OF ROOF SLOPE (COORD. PITCH W/ ARCH.)
- RFI CON-2
- DENOTES L3 x 3 x 1/4 HORIZONTAL X BRACING @ ROOF BEAM BOTTOM FLANGE - ATTACH EACH END & INTERSECTION W/ 3/16"x 2" LONG FILLET WELD EACH SIDE OF ANGLE
- DENOTES HSS BRACE EXTENDING FROM BEAM BOTT. FLANGE TO BEAM TOP FLANGE AT BEAM 1/3RD POINTS (WELD EA. END).
- DENOTES MOMENT CONNECTION (SEE DTLS. 7/S1.3 & 8/S1.3)
- B1 — DENOTES C10 x 15.3 BEAM. TOS [116'-3"]
- O.F. — DENOTES OUTSIDE FACE
- DENOTES COPED BEARING CONDITION. SEE DTLS. 3/S1.2 & 4/S1.2
- DENOTES 8" CMU WALL

PLAN NOTES:

1. ROOF DECK: 3" DEEP, 22 GA. PAINTED WIDE RIB STEEL DECK (SEE STEEL DECK GENERAL NOTES FOR ATTACHMENT REQUIREMENTS).
2. MECHANICAL EQUIPMENT SLAB: 5" NORMAL WEIGHT CONCRETE SLAB REINFORCED W/ 4 x 4-W4.0 x W4.0 WWF ON 1" DEEP, 24 GA. GALVANIZED FORM DECK- PLACE REINFORCEMENT 1 1/2" CLR. FROM TOP OF SLAB (SEE STEEL DECK GENERAL NOTES FOR ATTACHEMENT REQUIREMENTS).
3. TOP OF STEEL DENOTES TOP OF MAIN STEEL.
4. TOP OF STEEL EL. VARIES, SEE PLAN.
5. ALL ELEVATIONS BASED ON FINISH FLOOR EL. 100'-0". ACTUAL FIN. FLR. EL. 1295.15' AS ESTABLISHED BY EDG.
6. SEE DWGS. S1.2 & S1.3 FOR GENERAL NOTES AND TYPICAL DETAILS.
7. SEE DWG. S1.2 FOR COLUMN SCHEDULE.
8. SEE ARCH. DWGS. & FOUNDATION PLAN FOR DIMENSIONS NOT SHOWN.

RFI CON-2

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Bentonville Public Library Expansion

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Bentonville, AR 72712

Project No: 2021027

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 19778
BRIANNA L. OVUDRA
05.30.23

Tatum Smith Welcher Engineers, Inc. No. 218
ARKANSAS ENGINEERING

BID SET

ISSUE / REVISION

Mark	Date	Description
	12/10/2021	SCHEMATIC DESIGN PRICING
	06/22/2022	DESIGN DEVELOPMENT PRICING
	10/24/2022	60% CD PRICING
	12/21/2022	PERMIT SET
	01/06/2023	BID SET
2	03/24/2023	ASI-01
3	05/30/2023	ASI-03

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ROOF FRAMING PLAN

S3.1