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Loves.
 STORE NUMBER: 860
 I-59, EXIT 1
 NICHOLSON, MS 39463
 JOB NUMBER: 03-22-30003

ISSUE BLOCK

NO.	DESCRIPTION	DATE

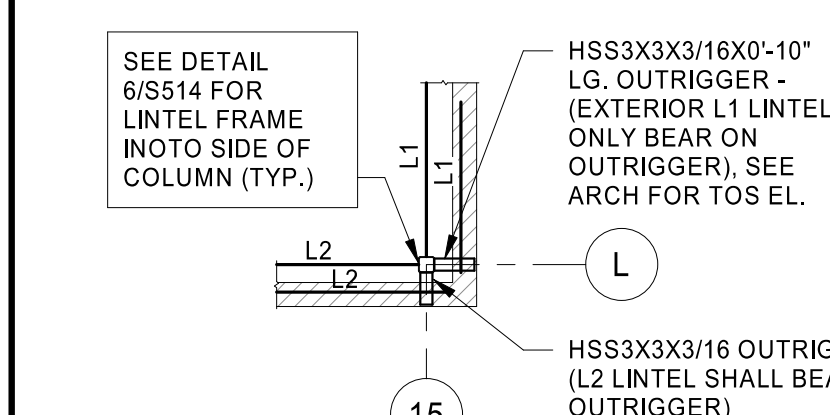
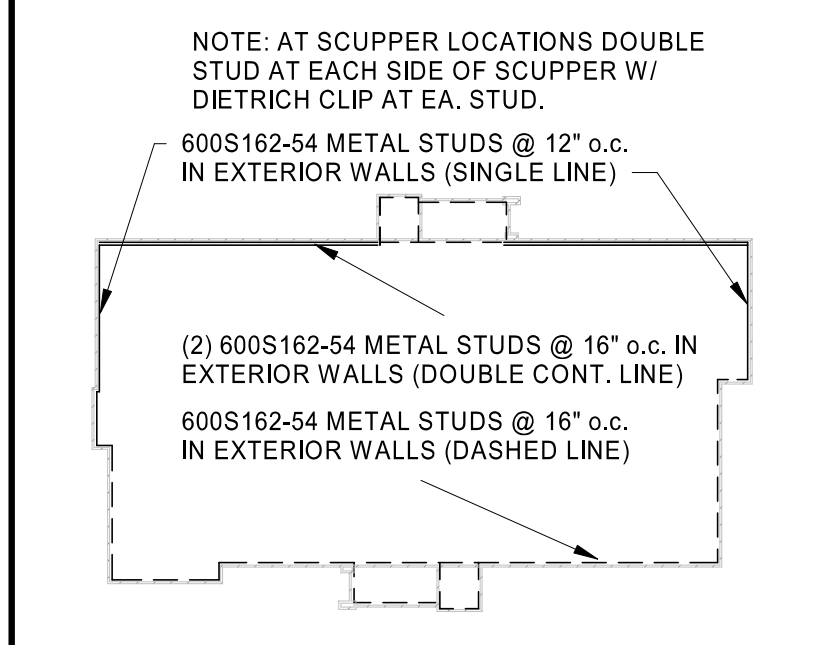
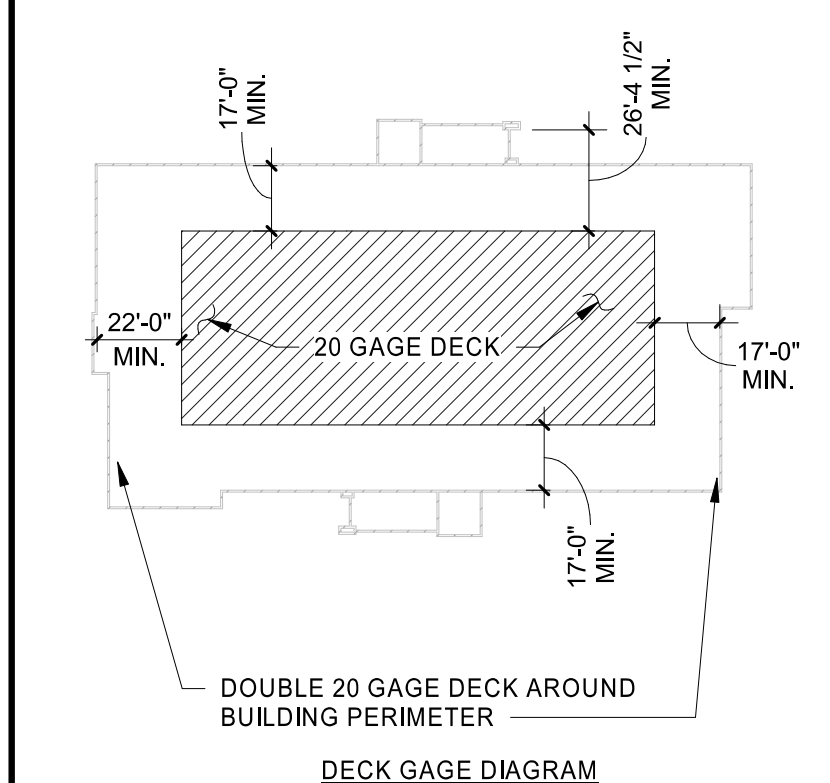
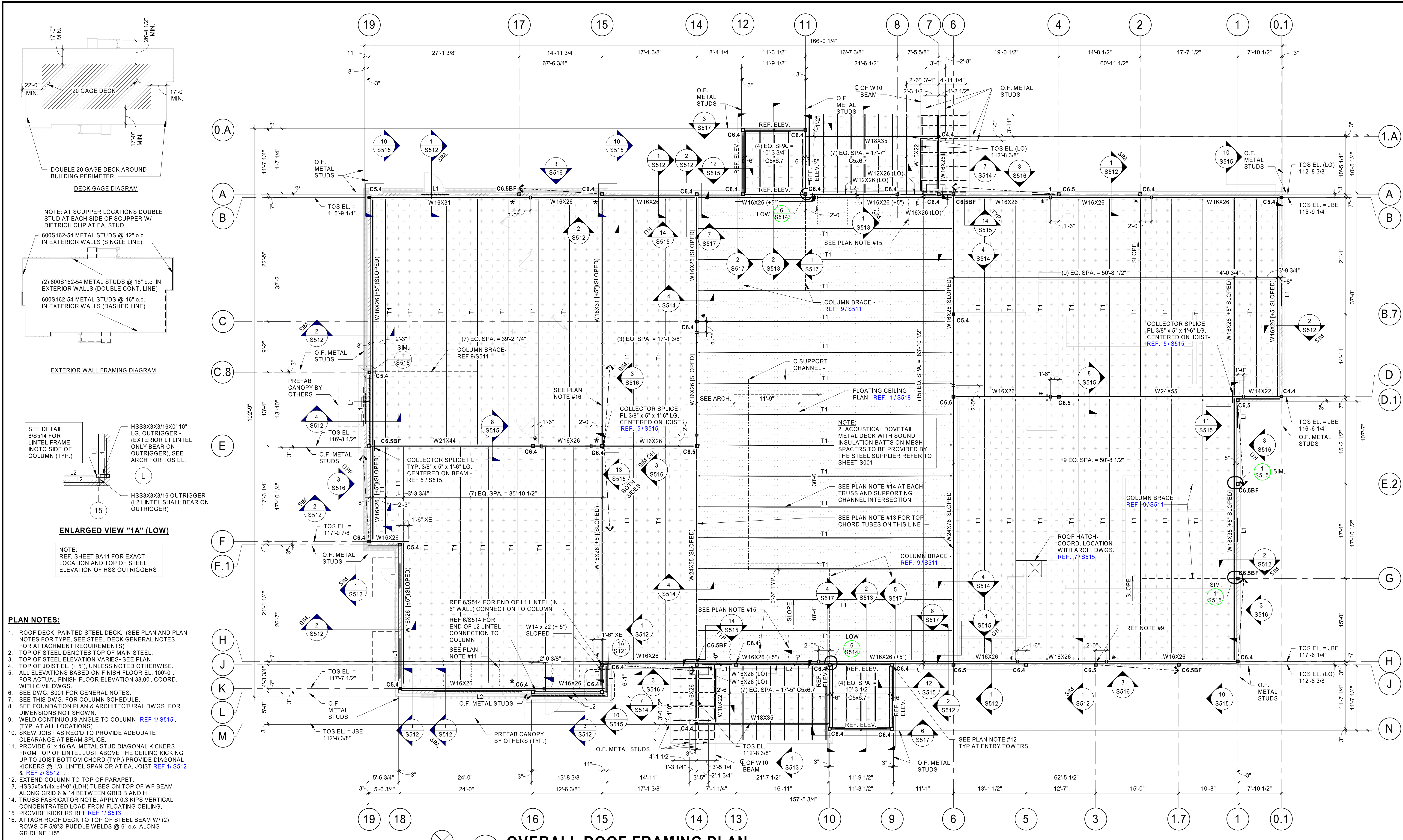
CHECKED BY: LST
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 DOCUMENT DATE: 02/06/23

LINGSHEN TSAO
 LICENSED PROFESSIONAL ENGINEER
 STATE OF MISSISSIPPI
 20847

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ROOF FRAMING PLAN

SHEET: **S121**



- PLAN NOTES:**
- ROOF DECK: PAINTED STEEL DECK. (SEE PLAN AND PLAN NOTES FOR TYPE, SEE STEEL DECK GENERAL NOTES FOR ATTACHMENT REQUIREMENTS)
 - TOP OF STEEL DENOTES TOP OF MAIN STEEL.
 - TOP OF STEEL ELEVATION VARIES- SEE PLAN.
 - TOP OF JOIST EL. (+ 5"), UNLESS NOTED OTHERWISE.
 - ALL ELEVATIONS BASED ON FINISH FLOOR EL. 100'-0". FOR ACTUAL FINISH FLOOR ELEVATION 38.00', COORD. WITH CIVIL DWGS.
 - SEE DWG. S001 FOR GENERAL NOTES.
 - SEE THIS DWG. FOR COLUMN SCHEDULE.
 - SEE FOUNDATION PLAN & ARCHITECTURAL DWGS. FOR DIMENSIONS NOT SHOWN.
 - WELD CONTINUOUS ANGLE TO COLUMN REF 1/S515.
 - (TYP. AT ALL LOCATIONS)
 - SKREW JOIST AS REQ'D TO PROVIDE ADEQUATE CLEARANCE AT BEAM SPLICE.
 - PROVIDE 6" x 16 GA. METAL STUD DIAGONAL KICKERS FROM TOP OF LINTEL JUST ABOVE THE CEILING KICKING UP TO JOIST BOTTOM CHORD (TYP.) PROVIDE DIAGONAL KICKERS @ 1/3 LINTEL SPAN OR AT EA. JOIST REF 1/S512 & REF 2/S512
 - EXTEND COLUMN TO TOP OF PARAPET.
 - HSS5x1/4x4x4-0" (LOH) TUBES ON TOP OF WF BEAM ALONG GRID 6 & 14 BETWEEN GRID B AND H
 - TRUSS FABRICATOR NOTE: APPLY 0.3 KIPS VERTICAL CONCENTRATED LOAD FROM FLOATING CEILING.
 - PROVIDE KICKERS REF 1/S513
 - ATTACH ROOF DECK TO TOP OF STEEL BEAM W/ (2) ROWS OF 5/8" PUDDLE WELDS @ 6" o.c. ALONG GRIDLINE "15"

LEGEND:

	COLUMN MARK (SEE COL. SCHEDULE ON THIS SHEET)		T1 DENOTES JOIST- (SEE JOIST SCHEDULE REF 1/S514)
	O.F. METAL STUDS DENOTES OUTSIDE FACE		JBE DENOTES JOIST BEARING ELEVATION
	TOS DENOTES TOP OF STEEL ELEVATION		SLOPE DENOTES DIRECTION & PITCH OF ROOF SLOPE (COORD. W/ ARCH.)
	L1 DENOTES LINTEL (SEE LINTEL SCHEDULE THIS SHEET)		DENOTES EXTERIOR METAL STUD WALL DENOTES LOCATION OF DIAGONAL BRACING REF 3/S516
	DENOTES LIMITS OF 1 1/2" METAL ROOF DECK (SEE PLAN NOTE #1)		DENOTES BEAM SPLICE REF 1/S511 (SEE PLAN NOTE #11)
	DENOTES LIMITS OF 2" DOVETAIL ACOUSTIC METAL ROOF DECK (SEE GENERAL NOTES)		DENOTES BACK TO BACK ANGLES. REF NOTE #10
	DENOTES L2 x 2 x 3/16" EXTEND FROM BEAM BOTTOM FLANGE TO JOIST TOP CHORD - WELD EACH END (TYP.) REF DETAILS FOR ADDITIONAL BEAM BOTTOM FLANGE BRACING (REF 6/S515)		DENOTES COLUMN BRACING

COLUMN SCHEDULE

MARK	COLUMN SIZE	BASE PL SIZE t x B x D	ANCHOR RODS (QTY.-DIA. x EMBED) (SEE DTL. 7/S401)	CAP PL/CLOSURE PL THICKNESS
C4.4	HSS4 x 4 x 1/4	3/4" x 10" x 10" REF. DTL. 8/S401	(4) 3/4"Ø F1554 x 1'-3"	3/4"
C5.4	HSS5 x 5 x 1/4	3/4" x 11" x 11" REF. DTL. 8/S401	(4) 3/4"Ø F1554 x 1'-3"	3/4"
C6.4	HSS6 x 6 x 1/4	3/4" x 12" x 12" REF. DTL. 8/S401	(4) 3/4"Ø F1554 x 1'-3"	3/4"
C6.5	HSS6 x 6 x 5/16	3/4" x 12" x 12" REF. DTL. 8/S401	(4) 3/4"Ø F1554 x 1'-3"	3/4"
C6.5BF	HSS6 x 6 x 5/16	1 1/4" x 24" x 14" REF. DTL. 4/S516	(6) 1"Ø F1554 x 1'-9"	3/4"
C6.6	HSS6 x 6 x 3/8	3/4" x 12" x 12" REF. DTL. 8/S401	(4) 3/4"Ø F1554 x 1'-3"	3/4"

LINTEL SCHEDULE

LINTEL MARK	WALL LOCATION	TYPE & SIZE THICKNESS X HEIGHT	ATTACHMENT	BRICK ANGLE OR PLATES	REMARKS
L1	6" METAL STUD WALL	(2) 600S162-54 STUDS W/ 600T150-54 TRACK (TOP & BOTTOM)	(4) #10 SCREWS @ 6" o.c.	-----	SEE NOTE #1 & DTL 5/S513 TYPE I (NOTE #2)
L2	6" METAL STUD WALL	(3) 1200S162-54 STUDS W/ 600T150-54 TRACK (TOP & BOTTOM)	(6) #10 SCREWS @ 6" o.c.	-----	SEE NOTE #1 & DTL 5/S513 TYPE II (NOTE #3)

LINTEL SCHEDULE NOTE:
 1. SEE ARCH. DWGS. FOR EXACT LOCATION OF ALL LINTELS.
 2. PROVIDE A MINIMUM OF (2) 600S162-54 JACK STUDS & (2) 600S162-54 KING STUDS @ EA. SIDE OF JAMBS. (REF. 6/S511 & REF. 5/S511)
 3. PROVIDE A MINIMUM OF (2) 600S162-54 JACK STUDS & (4) 600S162-54 KING STUDS @ EA. SIDE OF JAMBS. (REF. 6/S511 & REF. 5/S511)
 4. AT STEEL COLUMNS, NO METAL JAMBS. (REF. 6/S514)

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