

ALURA APARTMENTS - VILLAGE AT DISCOVERY PARK

APARTMENT BUILDING TYPE "B"

LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

PROJECT INFORMATION

SITE DATA					
SITE ZONING: (SEE CIVIL)					
SITE SIZE: (SEE CIVIL)					
SITE DENSITY: (SEE CIVIL)					
NO. OF PARKING SPACES: (SEE CIVIL)					
BUILDING DATA (BLDG. 2, 3, 7 & 12)					
DWELLING UNITS	LABEL	COMPLIANCE WITH	SQ FT	QTY	SUBTOTAL
1-BR-A	ANSI "B"	ANSI "B", FHA	692	15	10,380 SF
1-BR-A	ANSI "B"/AV	ANSI "B", FHA/AV	692	1	692 SF
1-BR-B	ANSI "B"	ANSI "B", FHA	795	7	5,565 SF
1-BR-B	ANSI "A"	ANSI "A", FHA	795	1	795 SF
1-BR-C	ANSI "B"	ANSI "B", FHA	572	4	2,288 SF
2-BR-A	ANSI "B"	ANSI "B", FHA	1051	8	8,408 SF
2-BR-B	ANSI "B"	ANSI "B", FHA	1137	8	9,096 SF
DWELLING UNIT AREA:			44	44	37,224 SF
NON-DWELLING AREA: BALCONIES, CORRIDOR, COMMON AREA & SPRINKLER ROOM					10,226 SF
TOTAL BUILDING AREA:					47,450 SF
TOTAL RENTAL UNITS: (44) TOTAL UNITS, PER BUILDING: (28) 1-BR UNITS, (16) 2-BR UNITS					
CODES AND REGULATIONS					
BLDG. & RELATED CODES: 2018 IPC, 2018 IPC, 2018 IMC, 2018 IECC					
ELECT. CODE: 2017 NEC					
FIRE CODE: 2018 IFC					
ACCESSIBILITY: 2009 ICC/ANSI A117.1, FAIR HOUSING ACT					
MISC.: ALL APPLICABLE FEDERAL, STATE, LOCAL CODES, LAWS AND ORDINANCES					
BUILDING CODE DATA					
USE GROUP: R-2					
CONSTRUCTION TYPE: I/A					
EXT. WALL CONSTRUCTION: 1-HR RATED EXTERIOR WALLS (RATED FROM INSIDE)					
OTHER CONSTRUCTION: 1/2-HR RATED CORRIDOR WALLS, 1-HR RATED UNIT SEPARATION WALLS, LOAD BEARING WALLS, ROOF/CEILING & FLOOR/CEILING ASSEMBLIES, 2-HR WALLS & ROOF/CEILING @ ELEVATOR & STAIR SHAFTS, UNRATED INTERIOR WALLS					
ALLOW. AREA PER FLOOR: R-2 = 12,000 SF					
AREA ADJUSTMENTS: FULL FRONTAGE INCREASE R-2 = 12,000(1.00-.25) x 30/30 = 9,000 SF/FLOOR INCREASE = 21,000 SF / FLOOR TOTAL ALLOWABLE FOR R-2					
ACTUAL AREA PER FLOOR: 1ST FLOOR = 12,101 SF, 2ND, 3RD & 4TH FLOORS = 11,783 SF EACH					
ALLOW. HEIGHT & FLOORS: R-2 = 60'-0", 4 STORIES					
HEIGHT ADJUSTMENTS: NONE REQUIRED, NONE TAKEN					
ACTUAL HEIGHT & FLOORS: 58'-4 1/2", 4 STORIES					
SPRINKLER SYSTEM: NFPA 13R DESIGNED AND INSTALLED BY ACCREDITED FIRE PROTECTION SYSTEM DESIGNER AND INSTALLER. PROTECTION SHALL INCLUDE ALL AREAS AS APPLICABLE BY LOCAL AND STATE CODES. COORDINATE WITH GC/OWNER REGARDING THE INSTALLATION OF THE WET/DRY FIRE SUPPRESSION SYSTEM FOR UNCONDITIONED FREEZE PROTECTION PER O.O CODE DATA, PROVIDE FLEXIBLE DRY HEADS AT BALCONIES, PROVIDE FREEZE PROTECTED SOFFITS AS REQUIRED ON THE TOP FLOOR PER O.O CODE DATA INFORMATION. THIS COORDINATION SHOULD BE INCLUDED IN THE BASE BID.					

INDEX TO DRAWINGS

Sheet Number	Sheet Name	Sheet Issue Date	Current Revision Date	Current Revision Description
1 - COVER SHEET				
0.0B	COVER SHEET	15 APR 2025	16 JAN 2026	ASI #2
SP1.0B	SPECIFICATIONS	15 APR 2025	15 APR 2025	ISSUE SET
SP1.1B	SPECIFICATIONS	15 APR 2025	15 APR 2025	ISSUE SET
SP1.2B	SPECIFICATIONS	15 APR 2025	15 APR 2025	ISSUE SET
SP1.3B	SPECIFICATIONS	15 APR 2025	15 APR 2025	ISSUE SET
2 - STRUCTURAL (BY CROCKETT ENGINEERING CONSULTANTS)				
S100	GENERAL STRUCTURAL DATA	15 APR 2025	15 APR 2025	ISSUE SET
S200	FOUNDATION PLAN	15 APR 2025	16 JAN 2026	ASI #2
S210	FOUNDATION DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
S211	FOUNDATION DETAILS	15 APR 2025	16 JAN 2026	ASI #2
S300	2ND FLOOR FRAMING PLAN	15 APR 2025	16 JAN 2026	ASI #2
S300A	SHEAR WALL PLAN	15 APR 2025	15 APR 2025	ISSUE SET
S400	3RD FLOOR FRAMING PLAN	15 APR 2025	16 JAN 2026	ASI #2
S500	4TH FLOOR FRAMING PLAN	15 APR 2025	16 JAN 2026	ASI #2
S510	FLOOR FRAMING DETAILS	15 APR 2025	31 OCT 2025	ASI #1
S511	FLOOR FRAMING DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
S600	ROOF FRAMING PLAN	15 APR 2025	16 JAN 2026	ASI #2
S610	ROOF FRAMING DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
S611	ROOF FRAMING DETAILS	15 APR 2025	31 OCT 2025	ASI #1
S612	ROOF FRAMING DETAILS	15 APR 2025	16 JAN 2026	ASI #2
3 - ARCHITECTURAL				
A1.0B	FIRST FLOOR BUILDING PLAN	15 APR 2025	16 MAY 2025	ADDENDUM #1
A1.1B	SECOND FLOOR BUILDING PLAN	15 APR 2025	15 APR 2025	ISSUE SET
A1.2B	THIRD FLOOR BUILDING PLAN	15 APR 2025	15 APR 2025	ISSUE SET
A1.3B	FOURTH FLOOR BUILDING PLAN	15 APR 2025	15 APR 2025	ISSUE SET
A1.4B	1-BR UNIT DIMENSION PLANS, DOOR SCHEDULE, NOTES & WALL TYPES	15 APR 2025	15 APR 2025	ISSUE SET
A1.5B	2-BR UNIT DIMENSION PLANS	15 APR 2025	15 APR 2025	ISSUE SET
A1.6B	ENLARGED COMMON AREA DIMENSION PLANS	15 APR 2025	15 APR 2025	ISSUE SET
A1.7B	1-BR ACCESSIBILITY PLANS & NOTES	15 APR 2025	15 APR 2025	ISSUE SET
A1.8B	2-BR ACCESSIBILITY PLANS	15 APR 2025	15 APR 2025	ISSUE SET
A1.9B	ENLARGED COMMON AREA ACCESSIBILITY PLANS	15 APR 2025	15 APR 2025	ISSUE SET
A2.0B	ROOF PLAN, DETAILS & NOTES	15 APR 2025	15 APR 2025	ISSUE SET
A3.0B	EXTERIOR ELEVATIONS	15 APR 2025	15 APR 2025	ISSUE SET
A3.1B	EXTERIOR ELEVATIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.0B	WALL SECTIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.1B	WALL SECTIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.2B	WALL SECTIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.3B	WALL SECTIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.4B	ELEVATOR WALL SECTIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.5B	STAIR SHAFT WALL SECTION & DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
A4.6B	FRAMING DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
A4.7B	FRAMING DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
A4.8B	FLASHING DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
A5.0B	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.1B	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.2B	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.3B	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.4B	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.5B	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.6B	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A6.0B	1-BR FINISH PLANS, FINISH SCHEDULE & NOTES	15 APR 2025	15 APR 2025	ISSUE SET
A6.1B	2-BR FINISH PLANS & FINISH SCHEDULE	15 APR 2025	15 APR 2025	ISSUE SET
A6.2B	COMMON AREA FINISH PLANS & FINISH SCHEDULE	15 APR 2025	16 MAY 2025	ADDENDUM #1
A7.0B	INTERIOR ELEVATIONS NOTES AND DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
A7.1B	1-BR INTERIOR ELEVATIONS	15 APR 2025	15 APR 2025	ISSUE SET
A7.2B	1-BR INTERIOR ELEVATIONS	15 APR 2025	15 APR 2025	ISSUE SET
A7.3B	2-BR INTERIOR ELEVATIONS	15 APR 2025	15 APR 2025	ISSUE SET
A7.4B	2-BR INTERIOR ELEVATIONS	15 APR 2025	15 APR 2025	ISSUE SET
A8.0B	1ST & 2ND FLOOR REFLECTED CEILING PLANS	15 APR 2025	15 APR 2025	ISSUE SET
A8.1B	3RD & 4TH FLOOR REFLECTED CEILING PLANS	15 APR 2025	15 APR 2025	ISSUE SET
LS1.0B	1ST & 2ND FLOOR LIFE SAFETY PLANS	15 APR 2025	15 APR 2025	ISSUE SET
LS1.1B	3RD & 4TH FLOOR LIFE SAFETY PLANS	15 APR 2025	15 APR 2025	ISSUE SET

NOTE: INDEX TO DRAWINGS HAS BEEN UPDATED TO REFLECT THE SHEETS REVISED BY ASI #2.

ARCHITECT'S JOB NO. 4938

PROJECT LOCATION MAP



SIGNATURE AREAS

NOTE: PROJECT CONSTRUCTION MUST BE IN COMPLIANCE WITH ALL APPLICABLE CODES, ORDINANCES, LAWS, AND REGULATIONS AS ENUMERATED ELSEWHERE IN THE PLANS AND SPECIFICATIONS.

ARCHITECT: WALLACE ARCHITECTS, LLC
302 CAMPUSVIEW DRIVE SUITE 208, COLUMBIA, MO 65201
BY: _____ DATE: _____

OWNER: THE VILLAGE AT DISCOVERY PARK, LLC
3622 ENDEAVOR AVE., STE. 101, COLUMBIA, MO 65201
BY: _____ DATE: _____

CONTRACTOR: INTRINSIC DEVELOPMENT, LLC
3622 ENDEAVOR AVE., STE. 101, COLUMBIA, MO 65201
BY: _____ DATE: _____

PM: RS DT: TY
PC: CD QC: MK

PLAN SET NO. _____

ASI #2



16 JAN 2026
M. RANDALL PORTER
ARCHITECT LICENSE#
A-2012006244

ALURA APARTMENTS - VILLAGE AT DISCOVERY PARK
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

Wallace
ARCHITECTS L.L.C.

WALLACE ARCHITECTS, LLC
MISSOURI STATE CERTIFICATE
OF AUTHORITY: 2003019614

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1ST ISSUE
15 APR 2025

ISSUE/REVISIONS
15 APR 2025 ISSUE SET
16 MAY 2025 ADDENDUM #1
11 OCT 2025 ASI #1
16 JAN 2026 ASI #2

0.0B

JOB NO.
4938

NOTE:
ALL DIMENSIONS ARE FROM FACE OF FOUNDATION WALL OR FRAMING;
EDGE OF SLAB OR TRUSS/RAFTER; OR CENTERLINE
OF COLUMN, BEAM, OR JOIST UNLESS NOTED OTHERWISE.

FOUNDATION NOTES

- REINTRANT CORNER BARS, REFER TO TYPICAL CRACK CONTROL REINFORCING DETAIL ON SHEET S210.
- FOOTING STEP, REFER TO DETAIL FS1/S211.
- FOOTING STEP, REFER TO DETAIL FS2/S211.
- CONFIRM FINAL ELEVATOR SHAFT DIMENSIONS w/ ELEVATOR SUPPLIER PRIOR TO INSTALLATION OF PIT.
- 3'-0" SQ. x 2'-0" DEEP PAD FOOTING w/ (3) #5 x 2'-6" EACH WAY; TOP & BOTTOM.
- RECESSED FLOOR SLAB FOR ADA SHOWER (CONFIRM SIZE w/ SHOWER MANUFACTURER PRIOR TO INSTALLATION) (REFER TO ARCHITECTURAL FOR ADDITIONAL INFORMATION.)

REVISIONS:

No.	Date
ISSUE SET	04/15/2025
ASI #1	10/31/2025
ASI #2	01/16/2026

THIS SHEET HAS BEEN SIGNED,
SEALED AND DATED ELECTRONICALLY.



STRUCTURAL ENGINEER:
CROCKETT
ENGINEERING CONSULTANTS
1000 W. Nifong Blvd. Suite 1
Columbia, Missouri 65203
(573) 447-0993
www.crockettengineering.com
Crockett Engineering Consultants, LLC
Missouri Certificate of Authority
#200018101

CLIENT:
**INTRINSIC
DEVELOPMENT**
3622 ENDEAVOR AVE.
COLUMBIA, MISSOURI

Alura Village Apartment Building Type "B"
Lee's Summit, Jackson County, Missouri

DRAWING INCLUDES:

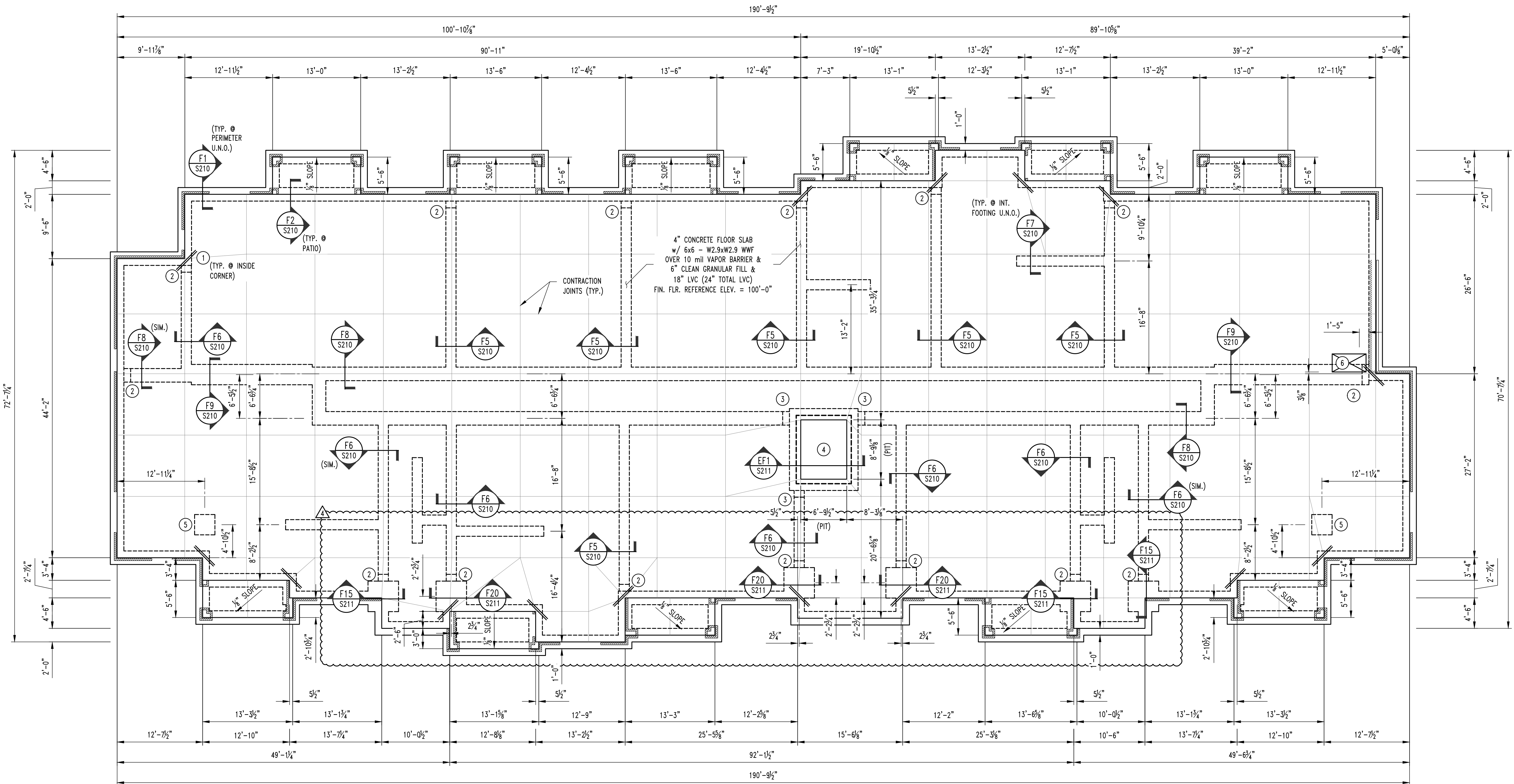
FOUNDATION
PLAN

DESIGNED: JWV

DRAWN: SEH

PROJECT NO.: 230286

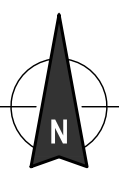
SHEET:
S200

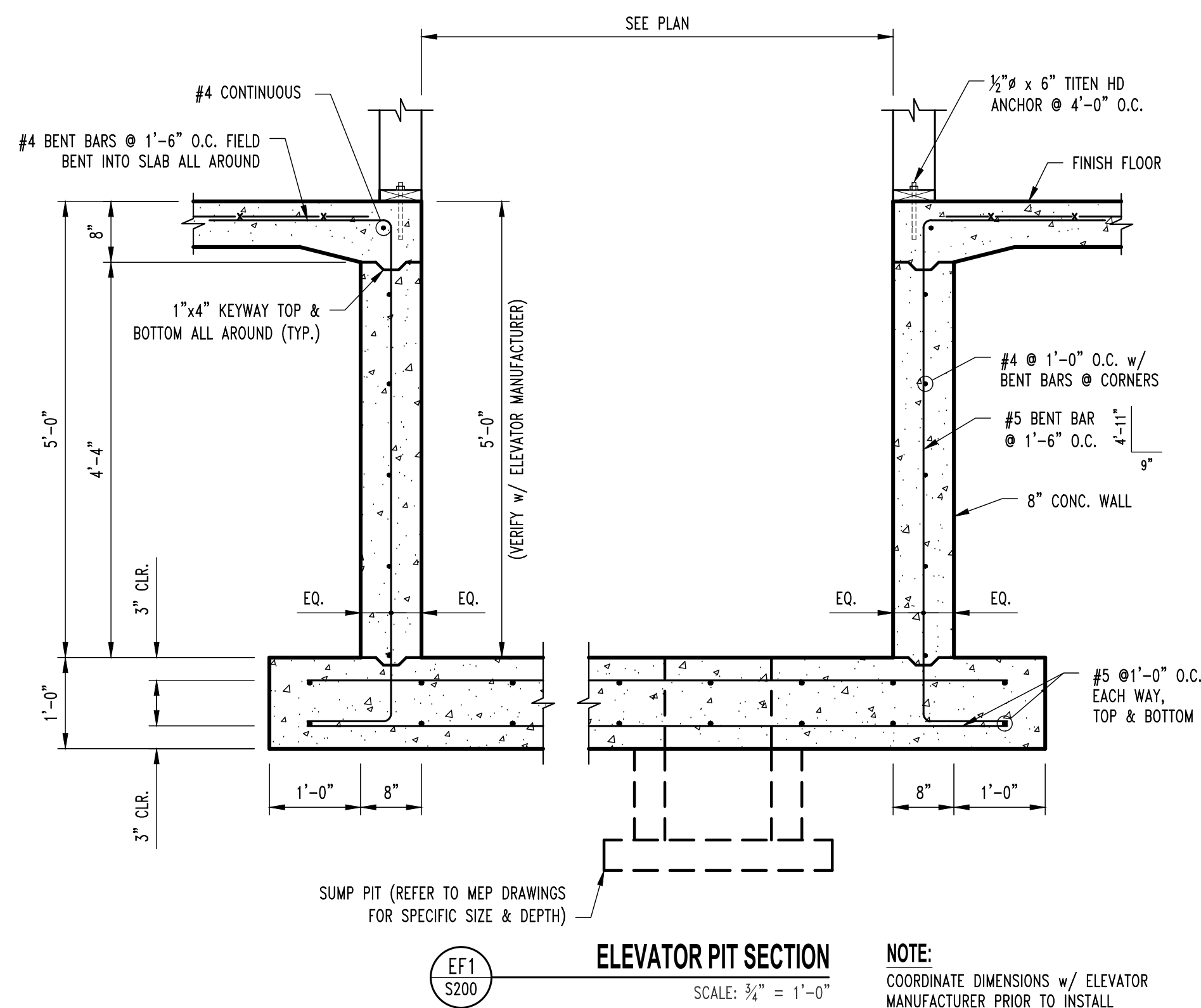
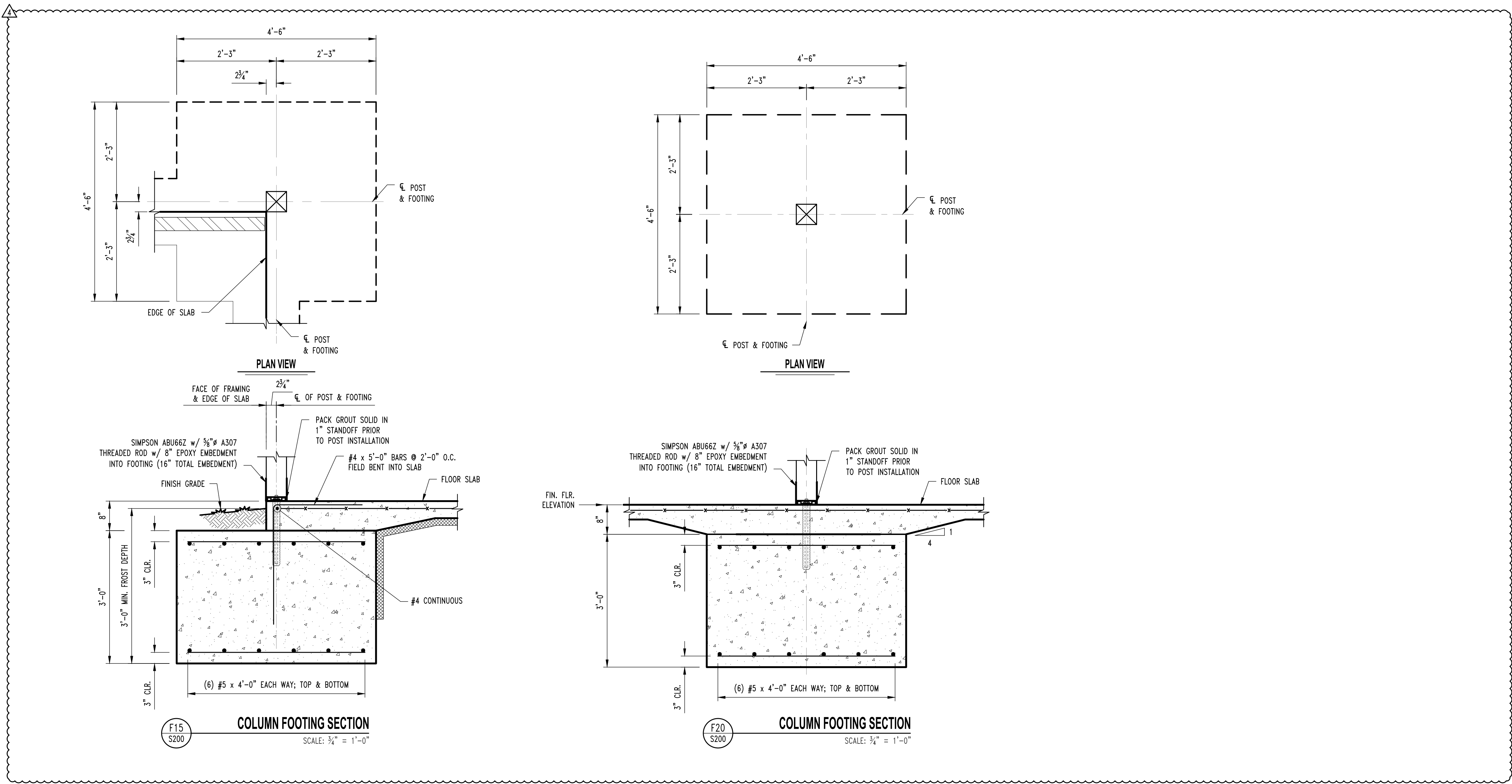


1
S200

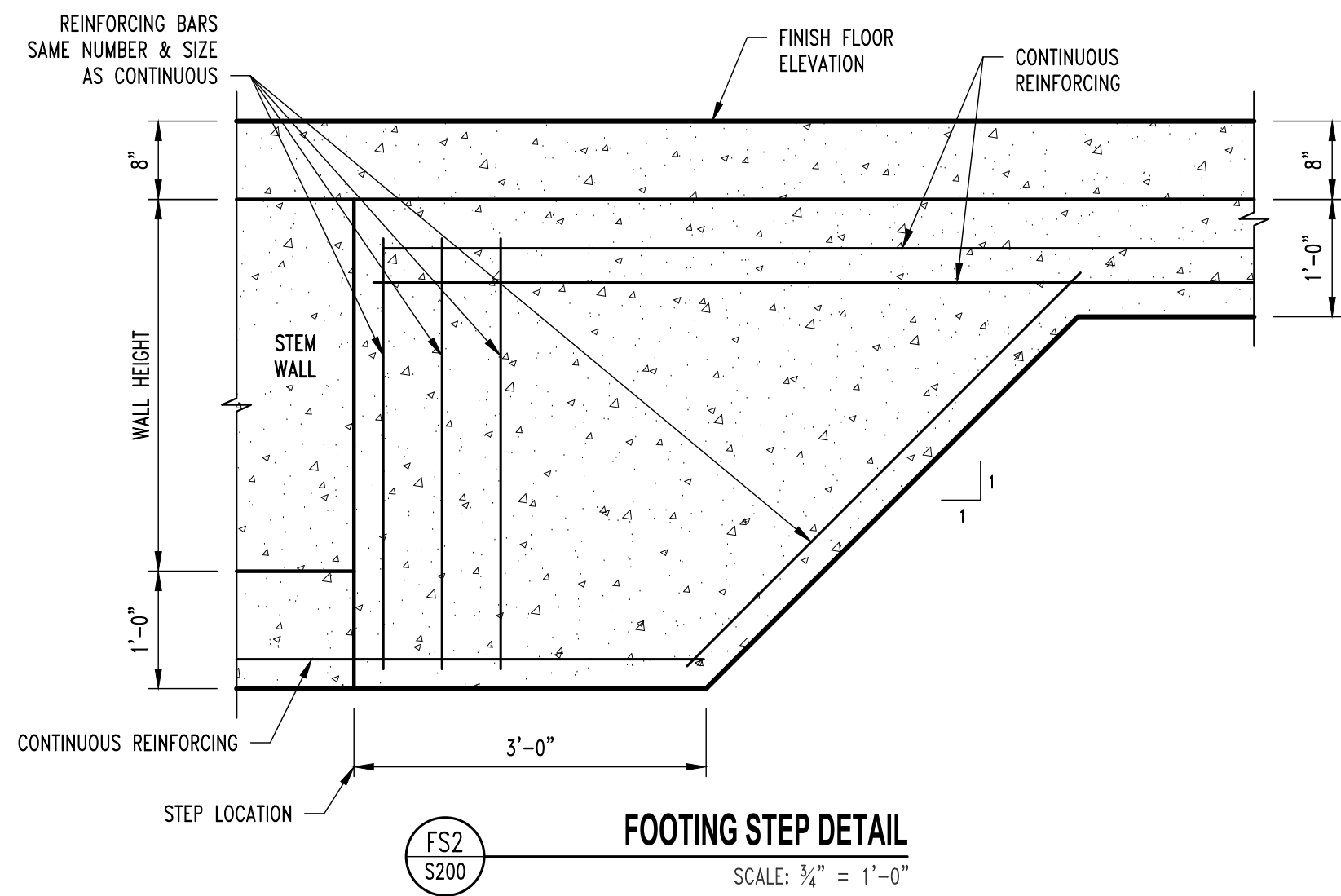
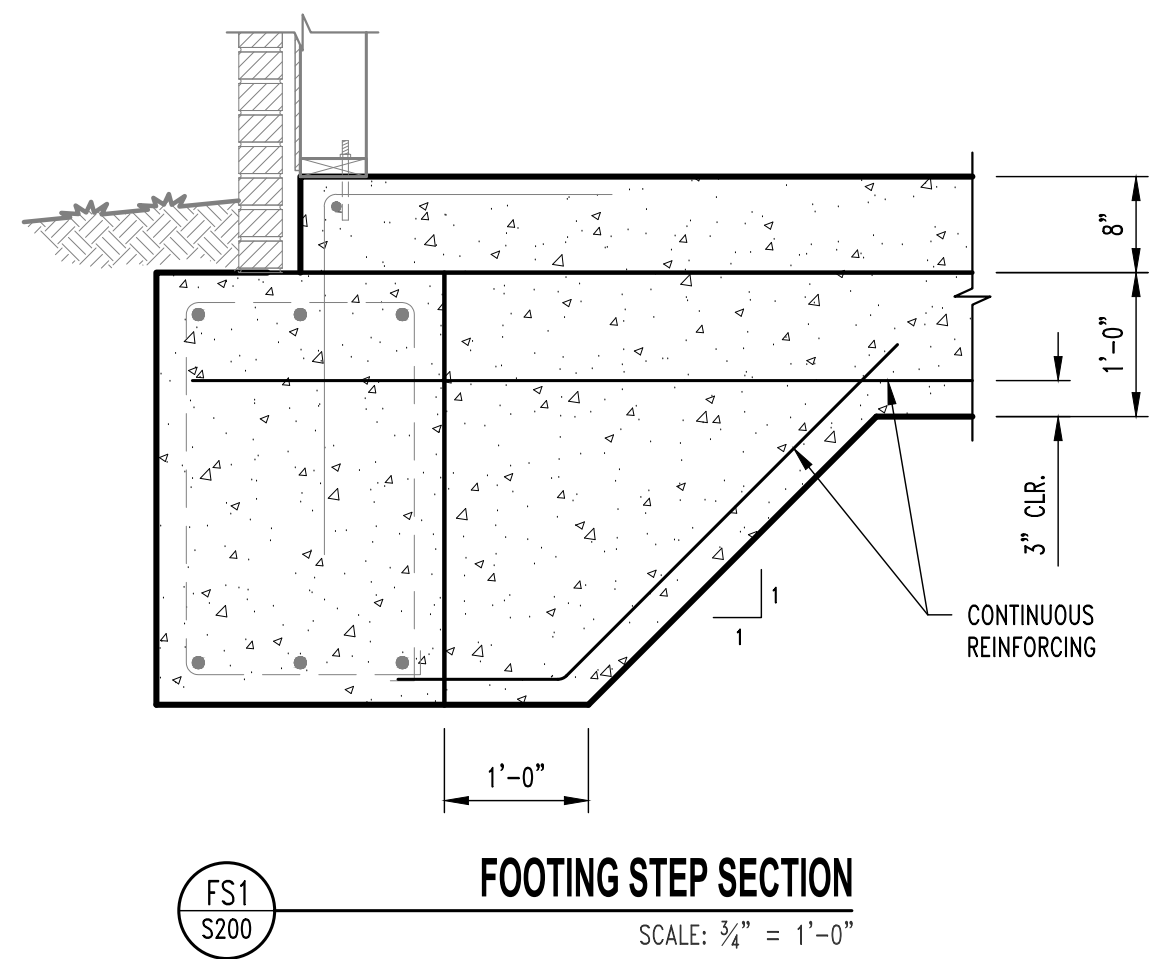
APARTMENT BUILDING TYPE "B" FOUNDATION PLAN

SCALE: 1/8" = 1'-0"





NOTE:
COORDINATE DIMENSIONS w/ ELEVATOR
MANUFACTURER PRIOR TO INSTALL



REVISIONS:	
No.	Date
ISSUE SET	04/15/2025
ASI #1	10/31/2025
ASI #2	01/16/2026
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STRUCTURAL ENGINEER: CROCKETT ENGINEERING CONSULTANTS 1000 W. N. King Blvd., Suite 1 Columbia, Missouri 65203 (573) 447-0992 www.crockettengineering.com Crockett Engineering Consultants, LLC Missouri Certificate of Authority #200319101	
CLIENT:	INTRINSIC DEVELOPMENT 3622 ENDAVOR AVE. COLUMBIA, MISSOURI
Alura Village Apartment Building Type "B"	
Lee's Summit, Jackson County, Missouri	
DRAWING INCLUDES: FOUNDATION DETAILS	
DESIGNED:	JWV
DRAWN:	SEH
PROJECT NO.:	230286
SHEET:	S211

NOTE:
ALL DIMENSIONS ARE FROM FACE OF FOUNDATION WALL OR FRAMING;
EDGE OF SLAB OR TRUSS/RAFTER; OR CENTERLINE
OF COLUMN, BEAM, OR JOIST UNLESS NOTED OTHERWISE.

FLOOR FRAMING NOTES

- (1) TREATED So. PINE No.2 2x12's w/
2-PLY BUILT-UP POST @ EACH END.
- (2) TREATED So. PINE No.2 2x12's w/
2-PLY BUILT-UP POST @ EACH END.
- (3) GIRDER TRUSS
- (4) 3-PLY BUILT-UP POST BENEATH GIRDER TRUSS
THIS LEVEL TO FLOOR SLAB
CONNECTIONS ARE AS FOLLOWS:
FLOOR SLAB: SIMPSON LTP2.
FLOOR FRAMING STUD ATTACHMENT: SIMPSON MSTC52
ROOF TRUSS: BY TRUSS MANUFACTURER
- (5) (3) DF SEL. STR. 2x12's w/ 3-PLY BUILT-UP POST
@ EACH END.
- (6) 5-PLY 1.75x5.5 MICROLAM LVL 2.0E STUD PACK
CENTERED BELOW HOIST BEAMED AND ON ELEVATOR
RAIL. (CONTINUOUS THROUGH FLOOR FRAMING)
- (7) 3-PLY 1.75x5.5 MICROLAM LVL 2.0E STUD PACK
CENTERED BELOW FALL PROTECTION BEAM.
(CONTINUOUS THROUGH FLOOR FRAMING)
- (8) (4) 1.75x20 MICROLAM LVL 2.0E BEAM w/ FULL
BEARING ON 6x6 POST IN WALL CAVITY @ EACH END

REVISIONS:

No.	Date
ISSUE SET	04/15/2025
ASI #1	10/31/2025
ASI #2	01/16/2026

THIS SHEET HAS BEEN SIGNED,
SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
JARED W. CROCKETT
PROFESSIONAL ENGINEER
NUMBER
PE-2017000397
01/16/2026

STRUCTURAL ENGINEER:
CROCKETT
ENGINEERING CONSULTANTS
1000 W. N. Hwy. Blvd. 1
Columbia, Missouri 65203
(573) 447-0992
www.crockettengineering.com
Crockett Engineering Consultants, LLC
Missouri Certificate of Authority
#200319101

CLIENT:
**INTRINSIC
DEVELOPMENT**
3622 ENDEAVOR AVE.
COLUMBIA, MISSOURI

Alura Village Apartment Building Type "B"
Lee's Summit, Jackson County, Missouri

DRAWING INCLUDES:

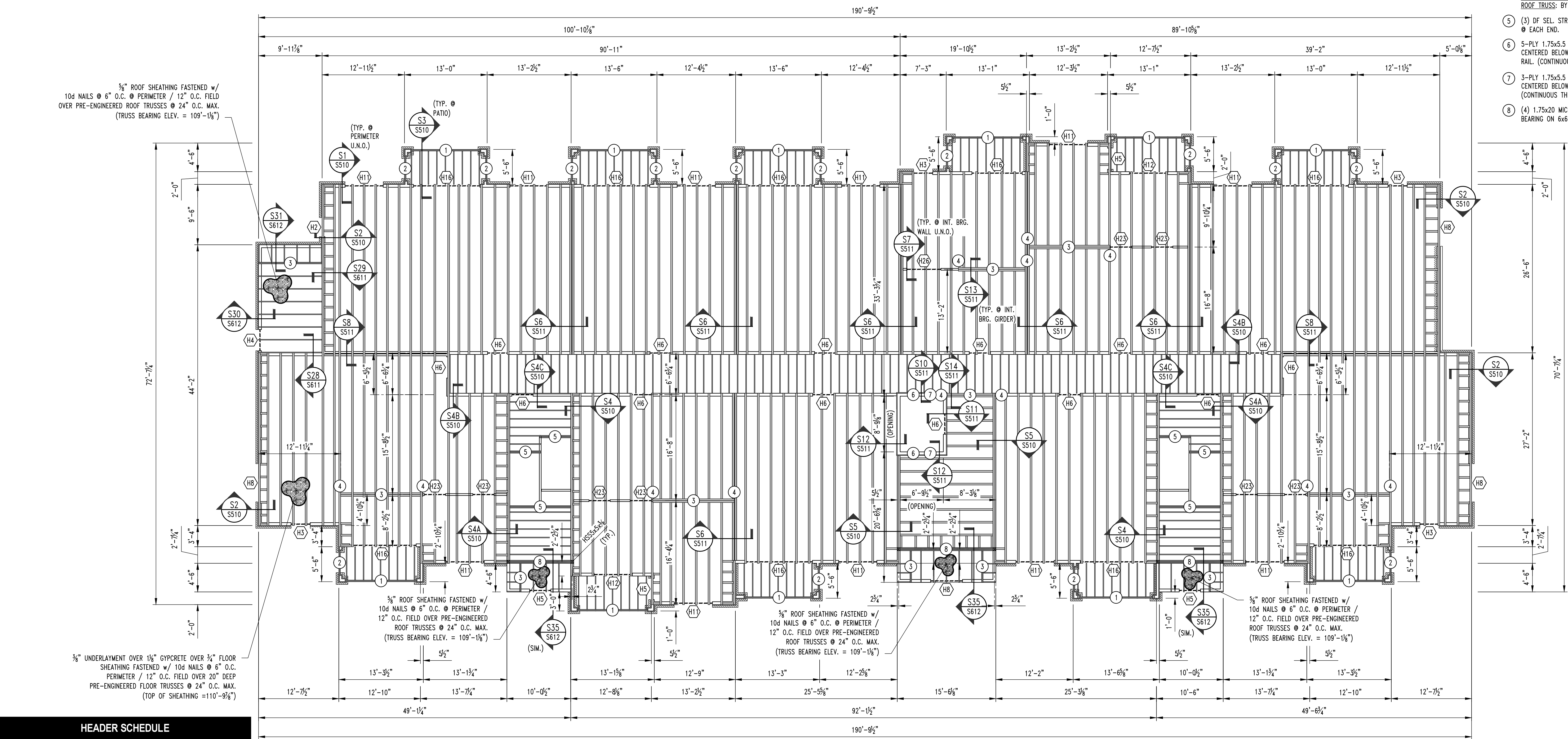
2ND FLOOR
FRAMING PLAN

DESIGNED: JWW

DRAWN: SEH

PROJECT NO.: 230286

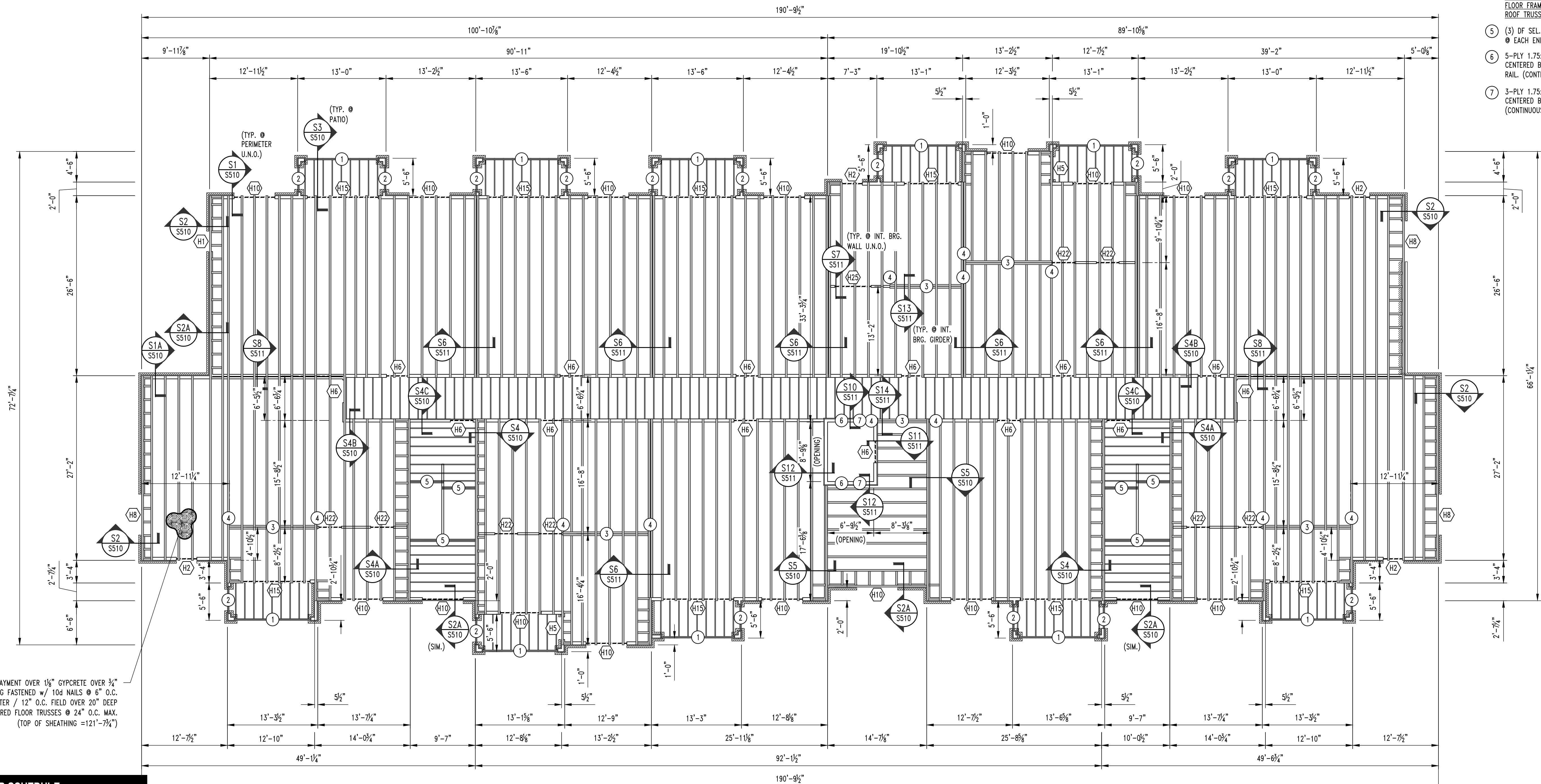
SHEET:
S300



HEADER SCHEDULE			
LABEL	HEADER	CRIPPLE/JACK	JAMBUKING
"H1"	2 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H2"	2 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H3"	2 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H4"	2 Ply 2x8 Doug Fir #2	Single Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H5"	2 Ply 2x8 Doug Fir #2	2 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H6"	2 Ply 2x8 Doug Fir #2	4 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H7"	2 Ply 2x10 Doug Fir Sel. Struct.	Single Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H8"	2 Ply 2x10 Doug Fir Sel. Struct.	2 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H9"	2 Ply 2x10 Doug Fir Sel. Struct.	3 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H10"	2 Ply 2x10 Doug Fir Sel. Struct.	5 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H11"	2 Ply 2x10 Doug Fir Sel. Struct.	6 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H12"	2 Ply 2x10 Doug Fir Sel. Struct.	7 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H13"	3 Ply 2x10 Doug Fir Sel. Struct.	2 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H14"	3 Ply 1.75x11.25 Microlam LVL 2.0E	3 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H15"	3 Ply 1.75x11.25 Microlam LVL 2.0E	4 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H16"	3 Ply 1.75x11.25 Microlam LVL 2.0E	5 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2

BRICK LINTEL SCHEDULE	
LENGTH	MEMBER SIZE (GALVANIZED)
L ≤ 4'-0"	L4x4x3/8 WITH 6" BEARING EACH END
L ≤ 6'-6"	L6x4x3/8 (LLV) WITH 6" BEARING EACH END

NOTE:
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EDGE OF SLAB OR TRUSS/RAFTER; OR CENTERLINE
OF COLUMN, BEAM, OR JOIST UNLESS NOTED OTHERWISE.



HEADER SCHEDULE			
Label	HEADER	CRIPPLEJACK	JAMMING
"H1"	2 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H2"	2 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H3"	2 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H4"	2 Ply 2x8 Doug Fir #2	Single Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H5"	2 Ply 2x8 Doug Fir #2	2 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H6"	2 Ply 2x8 Doug Fir #2	4 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H7"	2 Ply 2x10 Doug Fir Sel. Struct.	Single Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H8"	2 Ply 2x10 Doug Fir Sel. Struct.	2 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H9"	2 Ply 2x10 Doug Fir Sel. Struct.	3 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H10"	2 Ply 2x10 Doug Fir Sel. Struct.	5 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H11"	2 Ply 2x10 Doug Fir Sel. Struct.	6 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H12"	2 Ply 2x10 Doug Fir Sel. Struct.	7 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H13"	3 Ply 2x10 Doug Fir Sel. Struct.	2 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H14"	3 Ply 1.75x11.25 Microlam LVL 2.0E	3 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H15"	3 Ply 1.75x11.25 Microlam LVL 2.0E	4 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H16"	3 Ply 1.75x11.25 Microlam LVL 2.0E	5 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H21"	2 Ply 2x8 Doug Fir #2	Single Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H22"	2 Ply 2x8 Doug Fir #2	2 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H23"	2 Ply 2x8 Doug Fir #2	3 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H24"	2 Ply 2x10 Doug Fir Sel. Struct.	2 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H25"	2 Ply 2x10 Doug Fir Sel. Struct.	3 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H26"	2 Ply 2x10 Doug Fir Sel. Struct.	4 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2

BRICK LINTEL SCHEDULE	
LENGTH	MEMBER SIZE (GALVANIZED)
L ≤ 4'-0"	L4x4x3/8 WITH 6" BEARING EACH END
L ≤ 6'-6"	L6x4x3/8 (LLV) WITH 6" BEARING EACH END

FLOOR FRAMING NOTES

- (3) TREATED SO. PINE No.2 2x12's w/
2-PLY BUILT-UP POST @ EACH END.
- (2) TREATED SO. PINE No.2 2x12's w/
2-PLY BUILT-UP POST @ EACH END.
- GIRDER TRUSS
- 3-PLY BUILT-UP POST BENEATH GIRDER TRUSS
THIS LEVEL TO FLOOR SLAB
CONNECTIONS ARE AS FOLLOWS:
FLOOR SLAB: SIMPSON LITPZ.
FLOOR FRAMING STUD ATTACHMENT: SIMPSON WTS2C
ROOF TRUSS: BY TRUSS MANUFACTURER
- (3) DF SEL. STR. 2x12's w/ 3-PLY BUILT-UP POST
@ EACH END.
- 5-CPLY 1.75X5.5 MICROLAM LVL 2.0E STUD PACK
CENTERED BELOW HOIST BEAMED AND ON ELEVATOR
RAIL. (CONTINUOUS THROUGH FLOOR FRAMING)
- 3-PLY 1.75X5.5 MICROLAM LVL 2.0E STUD PACK
CENTERED BELOW FALL PROTECTION BEAM.
(CONTINUOUS THROUGH FLOOR FRAMING)

No.	Date
ISSUE SET	04/15/2025
ASI #1	10/31/2025
ASI #2	01/16/2026

THIS SHEET HAS BEEN SIGNED,
SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
 JARED W.
 VERSLUIS
 ENGINEER
 NUMBER
 PE-2017009387
 01/16/2026

STRUCTURAL ENGINEER:

CRICKETT

ENGINEERING CONSULTANTS

1000 W. Nifong Blvd., Bldg. 1
Columbia, Missouri 65203
(573) 447-0292

www.crockettingeering.com

Crockett Engineering Consultants, LLC
Missouri Certificate of Authority
#2000151301

CLIENT: **INTRINSIC
DEVELOPMENT**
3622 ENDEAVOR AVE.
COLUMBIA, MISSOURI

Alura Village Apartment Building Type "B"

Lee's Summit, Jackson County, Missouri

DRAWING INCLUDES:	
3RD FLOOR FRAMING PLAN	
DESIGNED:	JWV
DRAWN:	SEH
PROJECT NO.:	230286
SHEET:	S400

NOTE:
ALL DIMENSIONS ARE FROM FACE OF FOUNDATION WALL OR FRAMING;
EDGE OF SLAB OR TRUSS/RAFTER; OR CENTERLINE
OF COLUMN, BEAM, OR JOIST UNLESS NOTED OTHERWISE.

FLOOR FRAMING NOTES

- ① (3) TREATED SO. PINE No. 2 2x12's w/
2-PLY BUILT-UP POST EACH END.
- ② (2) TREATED SO. PINE No. 2 2x12's w/
2-PLY BUILT-UP POST EACH END.
- ③ GIRDER TRUSS
- ④ 3-PLY BUILT-UP POST BENEATH GIRDER TRUSS
THIS LEVEL TO FLOOR SLAB
CONNECTIONS ARE AS FOLLOWS:
FLOOR SLAB: SIMPSON IITF2.
FLOOR FRAMING STUD ATTACHMENT: SIMPSON MTC52
ROOF TRUSS: BY TRUSS MANUFACTURER
- ⑤ (4) OF DEL. STR. 2x12's w/ 3-PLY BUILT-UP POST
EACH END.
- ⑥ 5-PLY 1.75x5.5 MICROLAM LVL 2.0F STUD PACK
CENTERED BELOW HOIST BEAMED AND ON ELEVATOR
RAIL. (CONTINUOUS THROUGH FLOOR FRAMING)
- ⑦ 3-PLY 1.75x5.5 MICROLAM LVL 2.0F STUD PACK
CENTERED BELOW FALL PROTECTION BEAM.
(CONTINUOUS THROUGH FLOOR FRAMING)

REVISIONS:

No.	Date
ISSUE SET	04/15/2025
ASI #1	10/31/2025
ASI #2	01/16/2026

THIS SHEET HAS BEEN SIGNED,
SEALED AND DATED ELECTRONICALLY

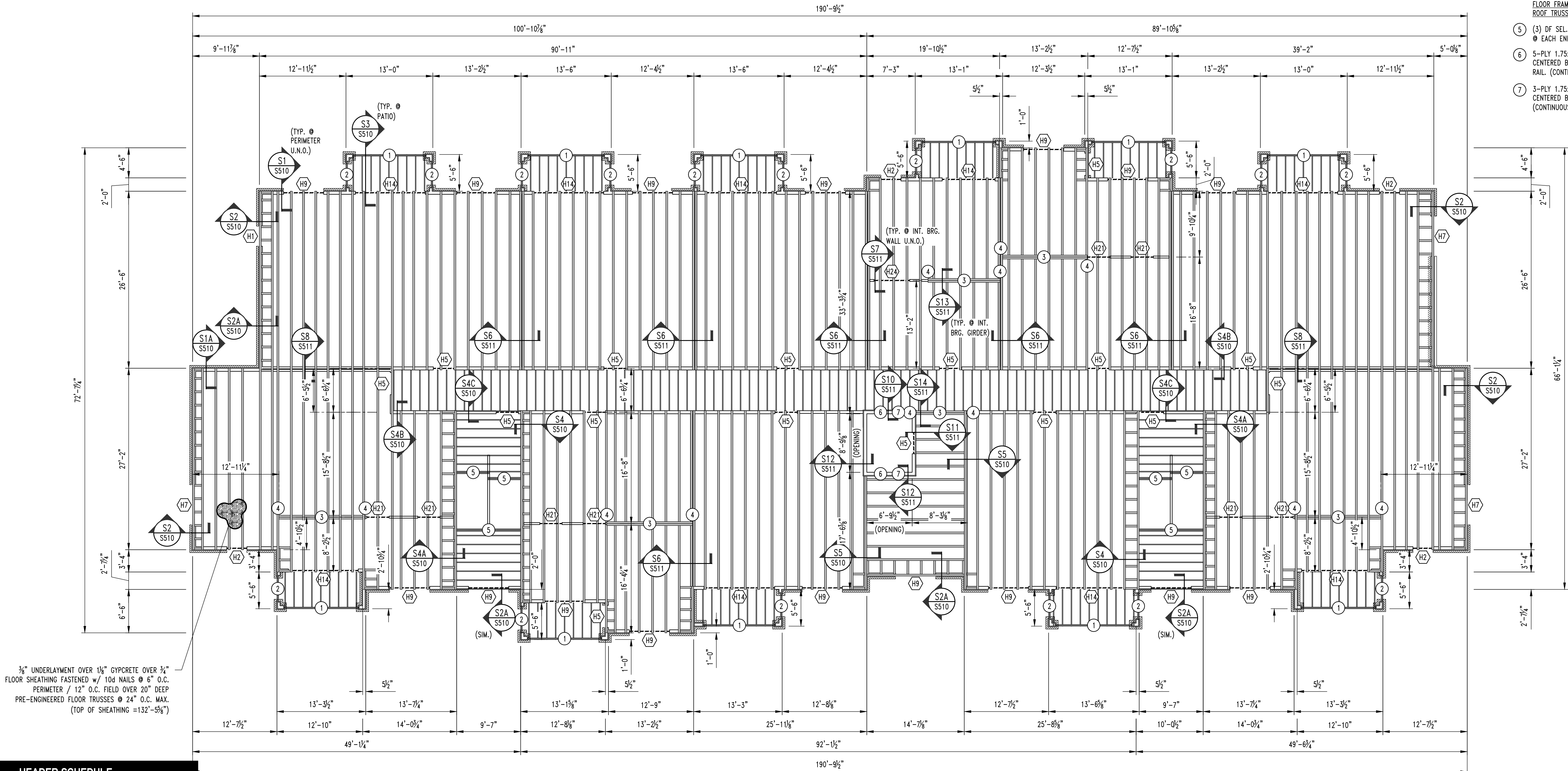


STRUCTURAL ENGINEER:
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1000 W. Nifong Blvd., Bldg. 1
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(373) 447-0292
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Crackett Engineering Consultants, LLC
Missouri Certificate of Authority
#20000151301

CLIENT: INTRINSIC DEVELOPMENT

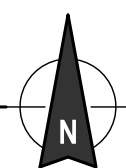
Alura Village Apartment Building Type "B"

Lee's Summit, Jackson County, Missouri



APARTMENT BUILDING TYPE "B" 4TH FLOOR FRAMING PLAN

SCALE: $\frac{1}{8}" = 1'-0"$



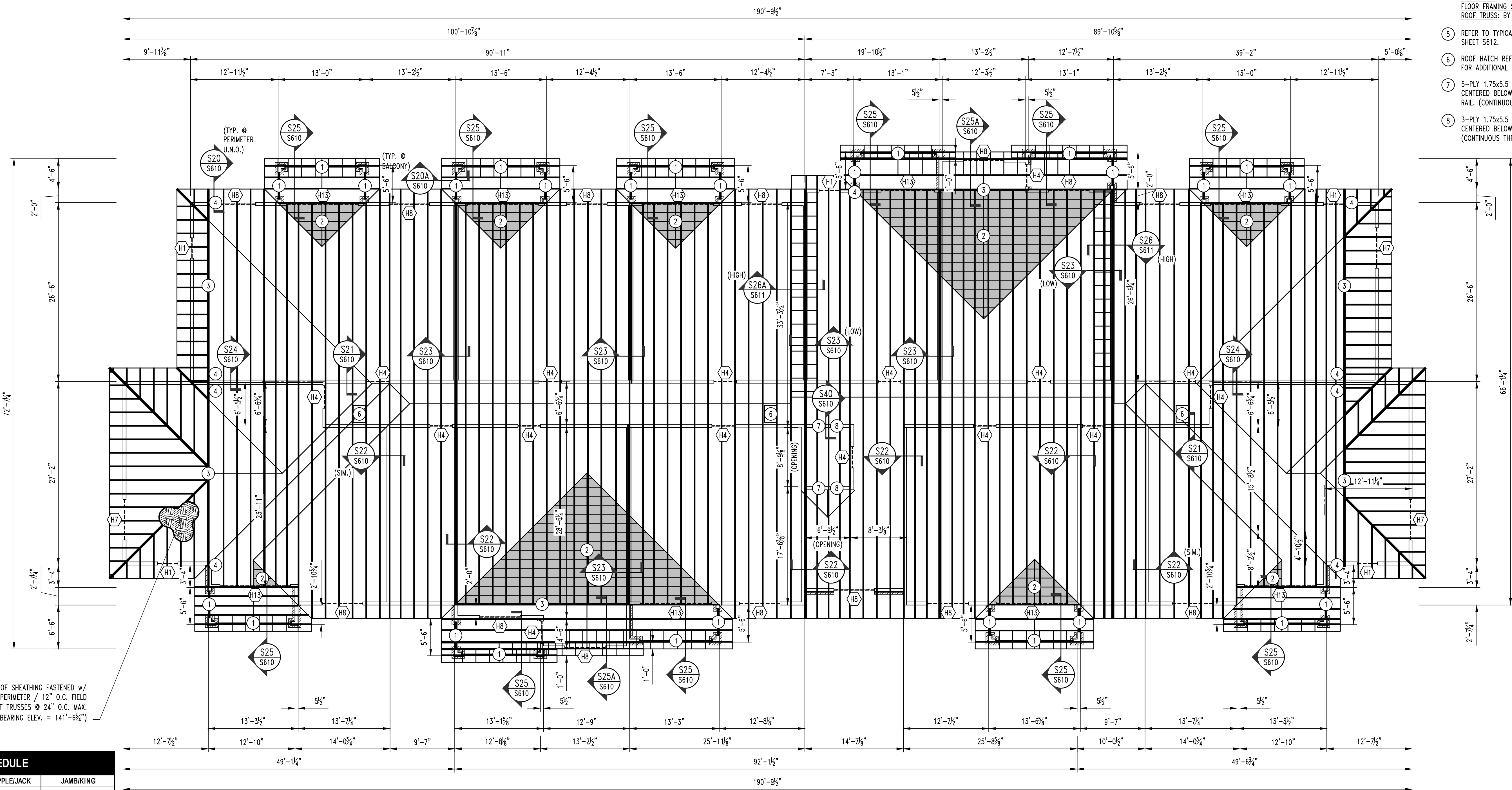
HEADER SCHEDULE

LABEL	HEADER	CRIPPLE/JACK	JAMMING
"H1"	2 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H2"	2 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H3"	2 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H4"	2 Ply 2x8 Doug Fr #2	Single Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H5"	2 Ply 2x8 Doug Fr #2	2 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H6"	2 Ply 2x8 Doug Fr #2	4 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H7"	2 Ply 2x10 Doug Fr Sel. Struct.	Single Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H8"	2 Ply 2x10 Doug Fr Sel. Struct.	2 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H9"	2 Ply 2x10 Doug Fr Sel. Struct.	3 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H10"	2 Ply 2x10 Doug Fr Sel. Struct.	5 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H11"	2 Ply 2x10 Doug Fr Sel. Struct.	6 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H12"	2 Ply 2x10 Doug Fr Sel. Struct.	7 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H13"	3 Ply 2x10 Doug Fr Sel. Struct.	2 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H14"	3 Ply 1.75x11.25 Microlam LVL 2.0E	3 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H15"	3 Ply 1.75x11.25 Microlam LVL 2.0E	4 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H16"	3 Ply 1.75x11.25 Microlam LVL 2.0E	5 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2

BRICK LINTEL SCHEDULE

LENGTH	MEMBER SIZE (GALVANIZED)
$L \leq 4'-0"$	L4x4x3/8 WITH 6" BEARING EACH END
$L \leq 6'-6"$	L6x4x3/8 (LLV) WITH 6" BEARING EACH END

NOTE:
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EDGE OF SLAB OR TRUSS/RAFTER; OR CENTERLINE
OF COLUMN, BEAM, OR JOIST UNLESS NOTED OTHERWISE.



HEADER SCHEDULE			
LABEL	HEADER	CRIPPLE/JACK	JAM/BKING
"H1"	2 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H2"	2 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H3"	2 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H4"	2 Ply 2x8 Doug Fir #2	Single Ply 2x8 SPF #2	Single Ply 2x6 SPF #2
"H5"	2 Ply 2x8 Doug Fir #2	2 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H6"	2 Ply 2x8 Doug Fir #2	4 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H7"	2 Ply 2x10 Doug Fir Sel. Struct.	Single Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H8"	2 Ply 2x10 Doug Fir Sel. Struct.	2 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H9"	2 Ply 2x10 Doug Fir Sel. Struct.	3 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H10"	2 Ply 2x10 Doug Fir Sel. Struct.	5 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H11"	2 Ply 2x10 Doug Fir Sel. Struct.	6 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H12"	2 Ply 2x10 Doug Fir Sel. Struct.	7 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H13"	2 Ply 2x10 Doug Fir Sel. Struct.	2 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H14"	3 Ply 1.75x11.25 Microlam LVL 2.0E	3 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H15"	3 Ply 1.75x11.25 Microlam LVL 2.0E	4 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H16"	3 Ply 1.75x11.25 Microlam LVL 2.0E	5 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H21"	2 Ply 2x8 Doug Fir #2	Single Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H22"	2 Ply 2x8 Doug Fir #2	2 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H23"	2 Ply 2x8 Doug Fir #2	3 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H24"	2 Ply 2x10 Doug Fir Sel. Struct.	2 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H25"	2 Ply 2x10 Doug Fir Sel. Struct.	3 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H26"	2 Ply 2x10 Doug Fir Sel. Struct.	4 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2

ROOF FRAMING NOTES

- ① (2) TREATED SO. PINE No.2 2x10's w/ 2-PLY
BUILT-UP POST @ EACH END.
- ② FRAME ROOF OVER PRE-ENGINEERED TRUSSES TO
CREATE RIDGE, VALLEY, OR HIP AS SHOWN w/
16"/No.2 SPFL 2x RAFTERS @ 16" O.C. OR
PRE-ENGINEERED ROOF TRUSSES @ 2'-0" O.C. MAX.
- ③ GIRDER TRUSS
- ④ 3-PLY BUILT-UP POST BENEATH GIRDER TRUSS
THIS LEVEL TO FLOOR SLAB
CONNECTIONS ARE AS FOLLOWS:
FLOOR SLAB: SIMPSON LTT2.
FLOOR FRAMING STUD ATTACHMENT: SIMPSON MTS25C
ROOF TRUSS: BY TRUSS MANUFACTURER
- ⑤ REFER TO TYPICAL GIRDER TO HEADER DETAIL ON
SHEET S612.
- ⑥ ROOF HATCH REFER TO ARCHITECTURAL DRAWINGS
FOR ADDITIONAL INFORMATION.
- ⑦ 5-PLY 1.75x5.5 MICROLAM LVL 2.0E STUD PACK
CENTERED BELOW HIGHT BEAMED AND ON ELEVATOR
RAIL. (CONTINUOUS THROUGH FLOOR FRAMING)
- ⑧ 3-PLY 1.75x5.5 MICROLAM LVL 2.0E STUD PACK
CENTERED BELOW FALL PROTECTION BEAM.
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REVISIONS:

[illegible]

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3622 ENDEAVOR AVE.
COLUMBIA, MISSOURI

Alura Village Apartment Building Type "B"

Lee's Summit, Jackson County, Missouri

DRAWING INCLUDES:

ROOF FRAMING
PLAN

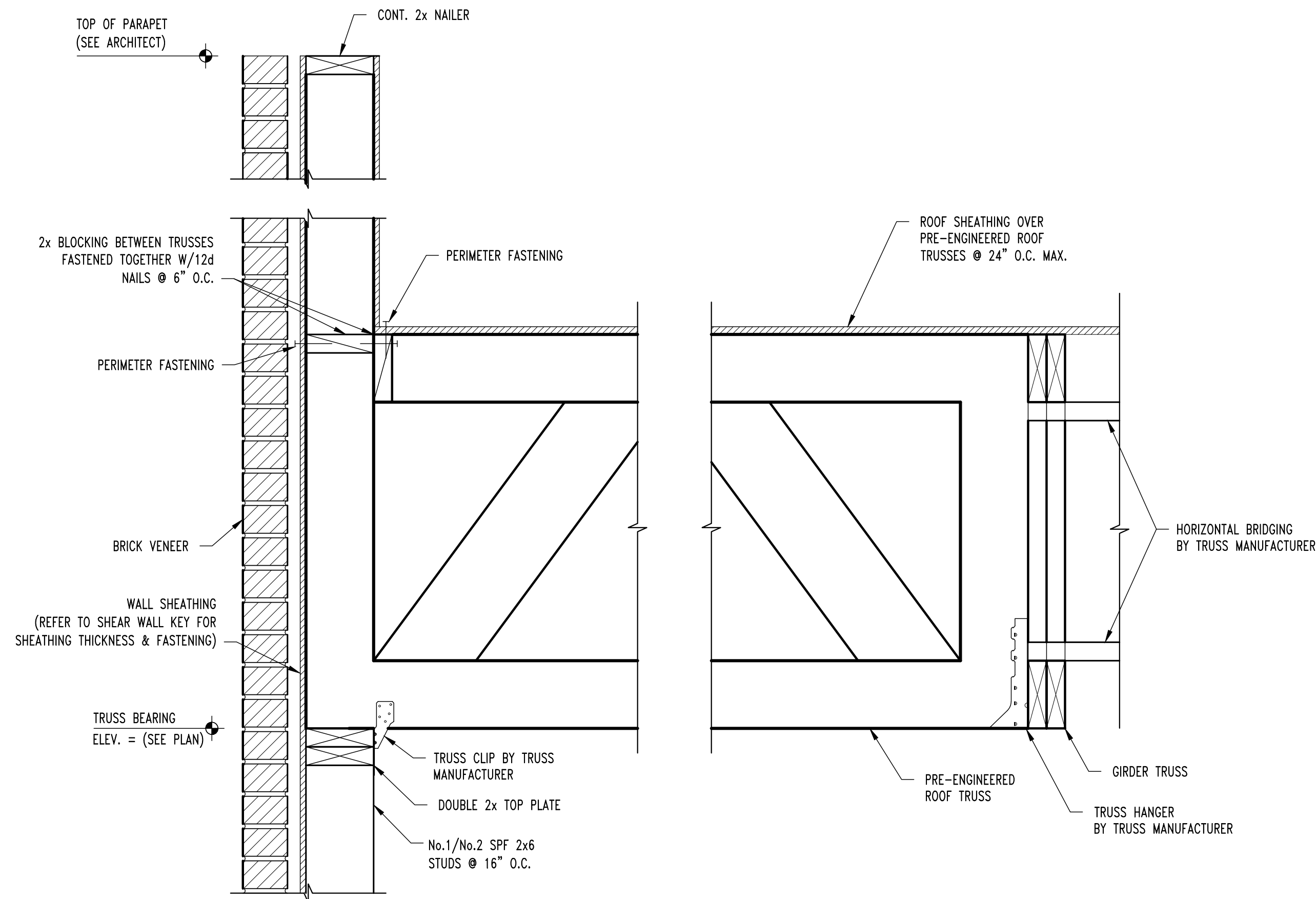
JWV

SEH

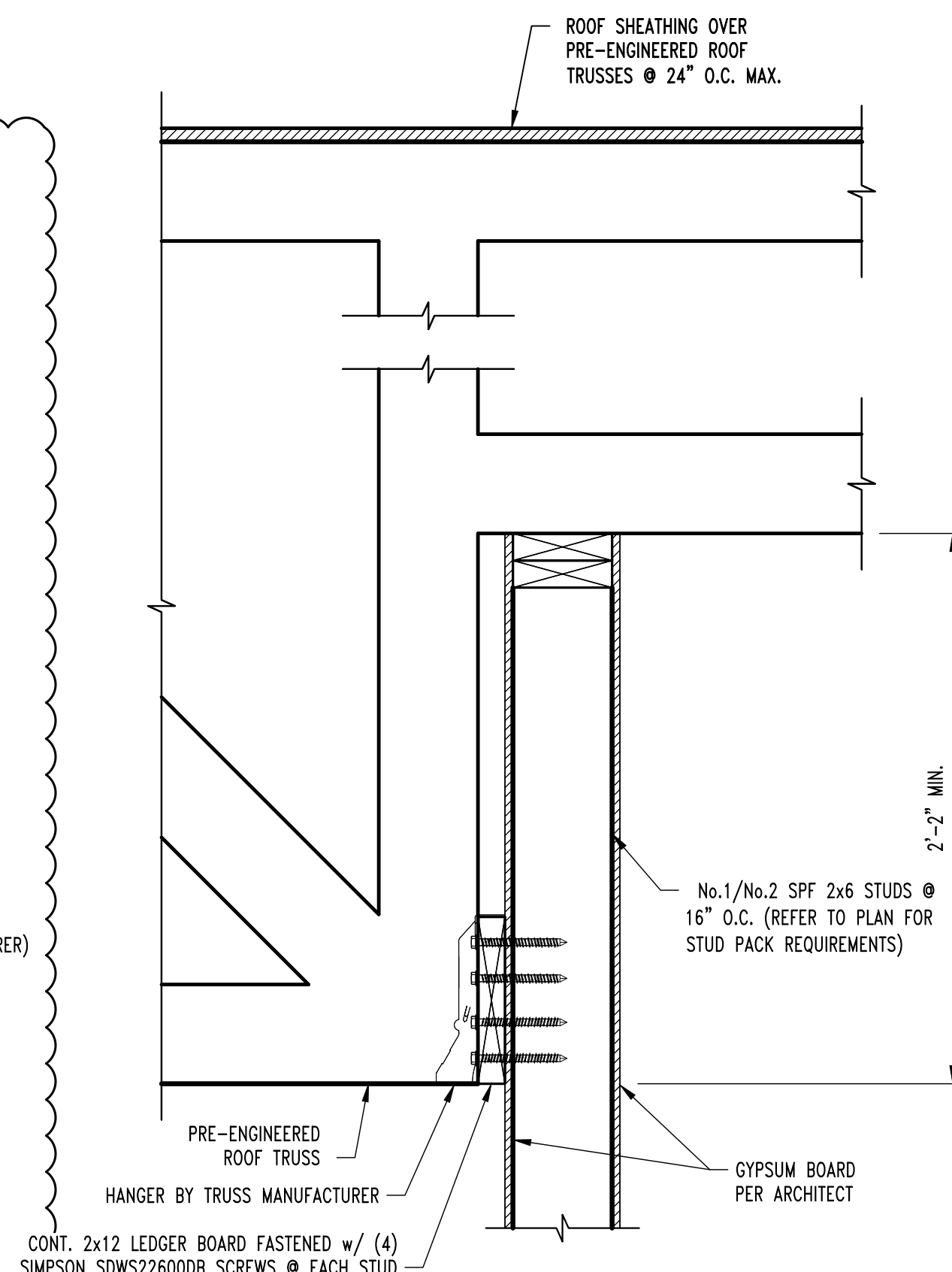
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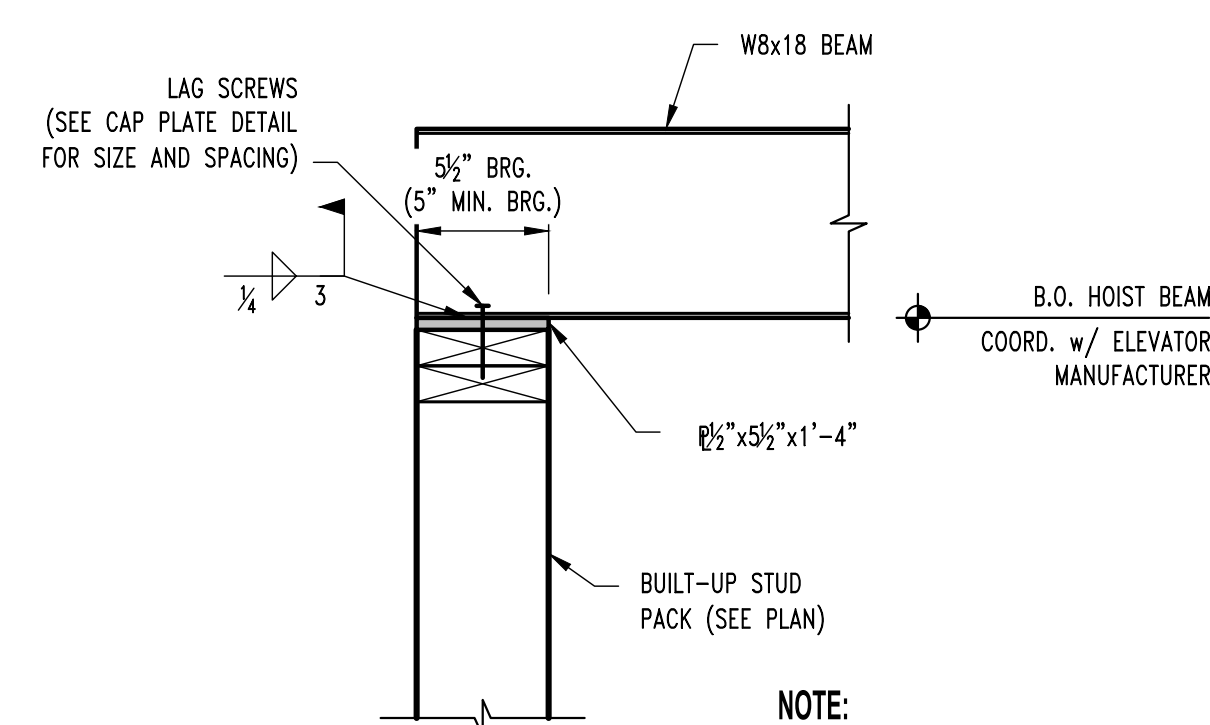
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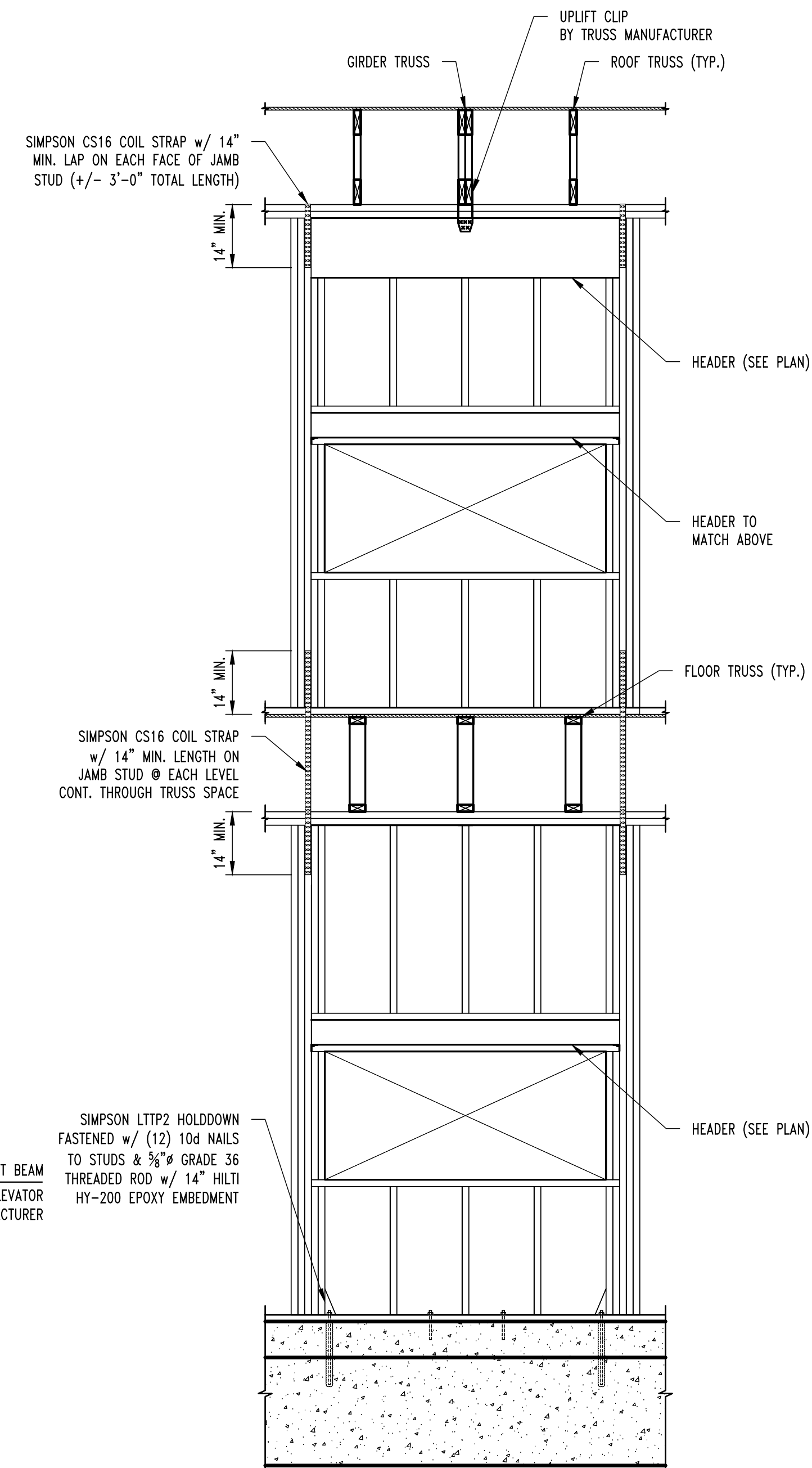
ROOF FRAMING SECTION



TYP. ROOF FRAMING SECTION



HOIST BEAM BEARING DETAIL



TYP. MULTI-STORY GIRDER TO HEADER DETAIL

REVISIONS:	
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01/16/2026	
STRUCTURAL ENGINEER CROCKETT ENGINEERING CONSULTANTS, LLC 1000 W. Niles Road, Suite 1 Columbia, Missouri 65203 (314) 447-0292 www.crockettingeering.com Crockett Engineering Consultants, LLC Missouri Professional Authority #2000151501	
CLIENT:	INTRINSIC DEVELOPMENT 3632 ENDEAVOR AVE. COLUMBIA, MISSOURI
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ROOF FRAMING DETAILS	
DESIGNED:	JWV
DRAWN:	SEH
PROJECT NO.:	230286
SHEET:	S612