

ALURA APARTMENTS - VILLAGE AT DISCOVERY PARK

APARTMENT BUILDING TYPE "C"

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 (BLDGs. 5, 9 & 10)					
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	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 IBC, 2018 IRC, 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:		VA			
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				
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SPI.3C	SPECIFICATIONS	15 APR 2025	15 APR 2025	ISSUE SET
2 - STRUCTURAL (BY CROCKETT ENGINEERING CONSULTANTS)				
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A1.3C	FOURTH FLOOR BUILDING PLAN	15 APR 2025	15 APR 2025	ISSUE SET
A1.4C	1-BR UNIT DIMENSION PLANS, DOOR SCHEDULE, NOTES & WALL TYPES	15 APR 2025	15 APR 2025	ISSUE SET
A1.5C	2-BR UNIT DIMENSION PLANS	15 APR 2025	15 APR 2025	ISSUE SET
A1.6C	ENLARGED COMMON AREA DIMENSION PLANS	15 APR 2025	15 APR 2025	ISSUE SET
A1.7C	1-BR ACCESSIBILITY PLANS & NOTES	15 APR 2025	15 APR 2025	ISSUE SET
A1.8C	2-BR ACCESSIBILITY PLANS	15 APR 2025	15 APR 2025	ISSUE SET
A1.9C	ENLARGED COMMON AREA ACCESSIBILITY PLANS	15 APR 2025	15 APR 2025	ISSUE SET
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A3.0C	EXTERIOR ELEVATIONS	15 APR 2025	15 APR 2025	ISSUE SET
A3.1C	EXTERIOR ELEVATIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.0C	WALL SECTIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.1C	WALL SECTIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.2C	WALL SECTIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.3C	WALL SECTIONS	15 APR 2025	15 APR 2025	ISSUE SET
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A5.0C	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.1C	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.2C	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.3C	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.4C	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.5C	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.6C	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A6.0C	1-BR FINISH PLANS, FINISH SCHEDULE & NOTES	15 APR 2025	15 APR 2025	ISSUE SET
A6.1C	2-BR FINISH PLANS & FINISH SCHEDULE	15 APR 2025	15 APR 2025	ISSUE SET
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A7.4C	2-BR INTERIOR ELEVATIONS	15 APR 2025	15 APR 2025	ISSUE SET
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A8.1C	3RD & 4TH FLOOR REFLECTED CEILING PLANS	15 APR 2025	15 APR 2025	ISSUE SET
L51.0C	1ST & 2ND FLOOR LIFE SAFETY PLANS	15 APR 2025	15 APR 2025	ISSUE SET
L51.1C	3RD & 4TH FLOOR LIFE SAFETY PLANS	15 APR 2025	15 APR 2025	ISSUE SET

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

Wallace
ARCHITECTS L.L.C.
Columbia, MO
P 573-258-7200

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

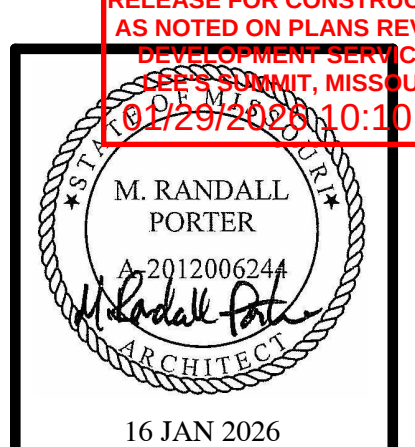
0.O.C

JOB NO.
4938

SHEET NO.

7/23/2026 15:12:00 PM

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



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

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

- REINFRANT CORNER BARS, REFER TO TYPICAL CRACK CONTROL REINFORCING DETAIL ON SHEET S210.
- FOOTING STEP, REFER TO DETAIL FS1/S210.
- FOOTING STEP, REFER TO DETAIL FS2/S210.
- 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

STATE OF MISSOURI

JARED W.
VORSLUES

NUMBER
PE-2017000391

PROFESSIONAL ENGINEER

01/16/2026

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
#200310101

CLIENT:

INTRINSIC
DEVELOPMENT

3622 ELEVATOR AVE.
COLUMBIA, MISSOURI

Alura Village Apartment Building Type "C"

Lee's Summit, Jackson County, Missouri

DRAWING INCLUDES:

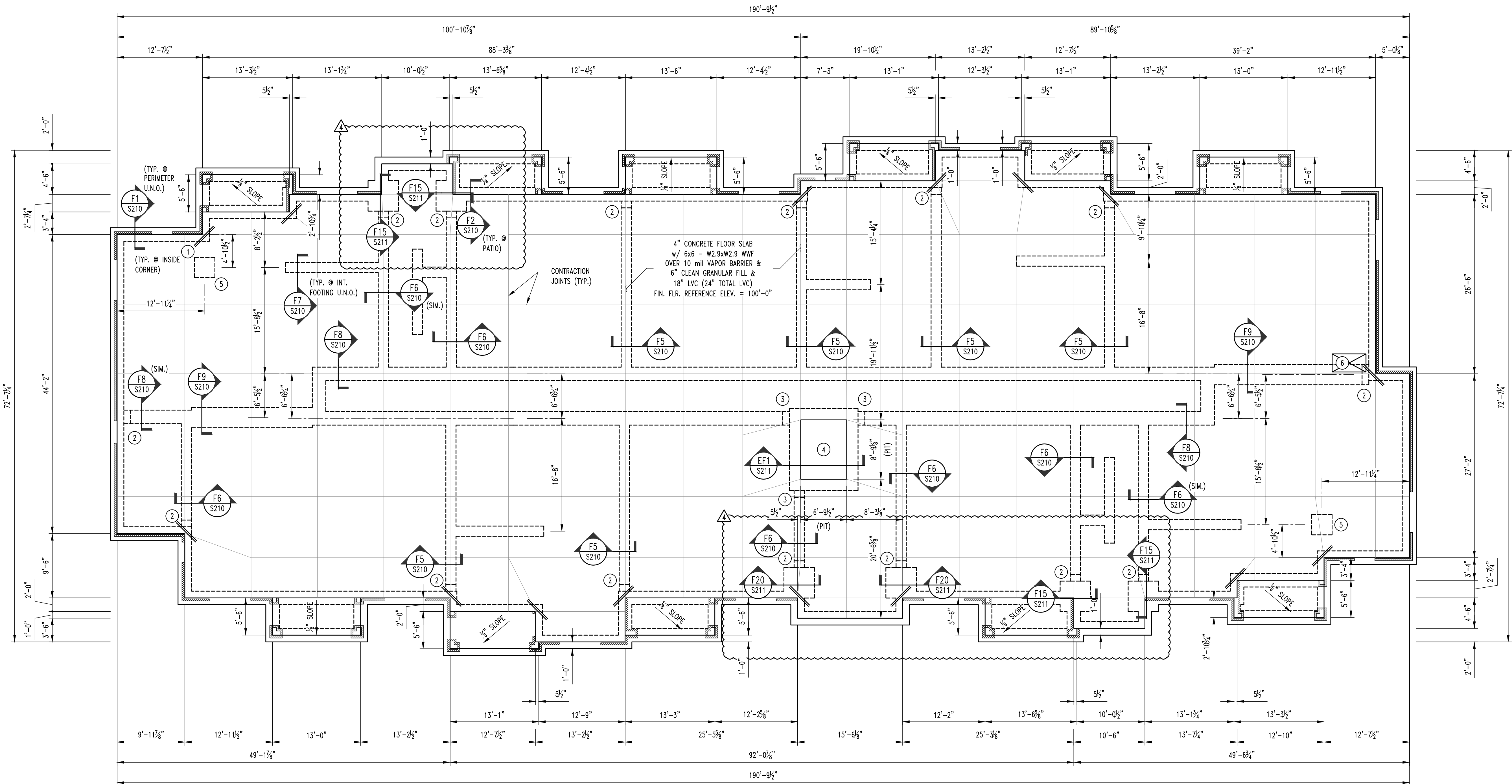
FOUNDATION
PLAN

DESIGNED: JWW

DRAWN: SEH

PROJECT NO.: 230286

SHEET: S200



1
S200

APARTMENT BUILDING TYPE "C" FOUNDATION PLAN

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

N

REVISIONS:

No.	Date
ISSUE SET	04/15/2025
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CLIENT:
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3622 ENDAVOR AVE.
COLUMBIA, MISSOURI

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

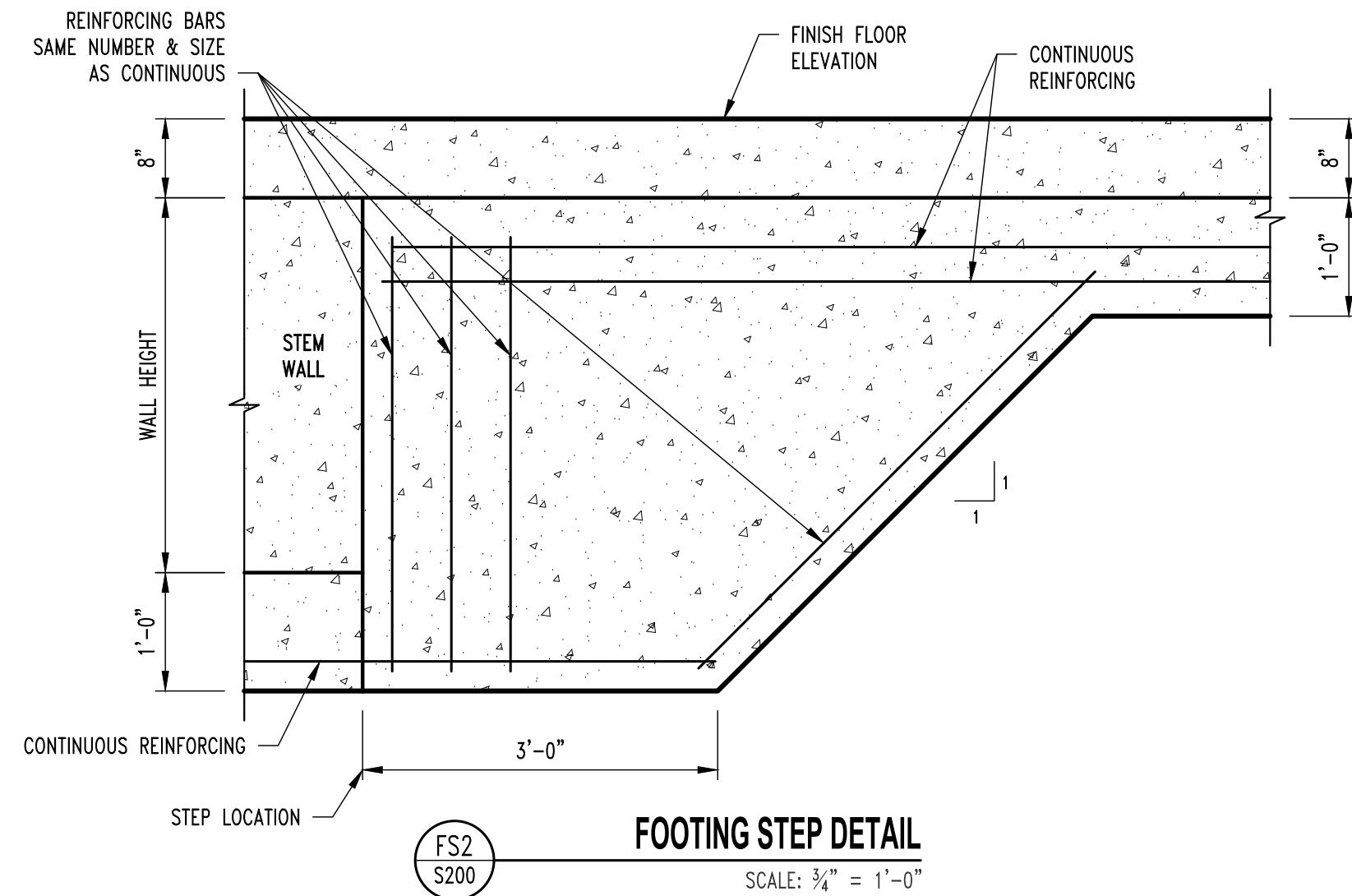
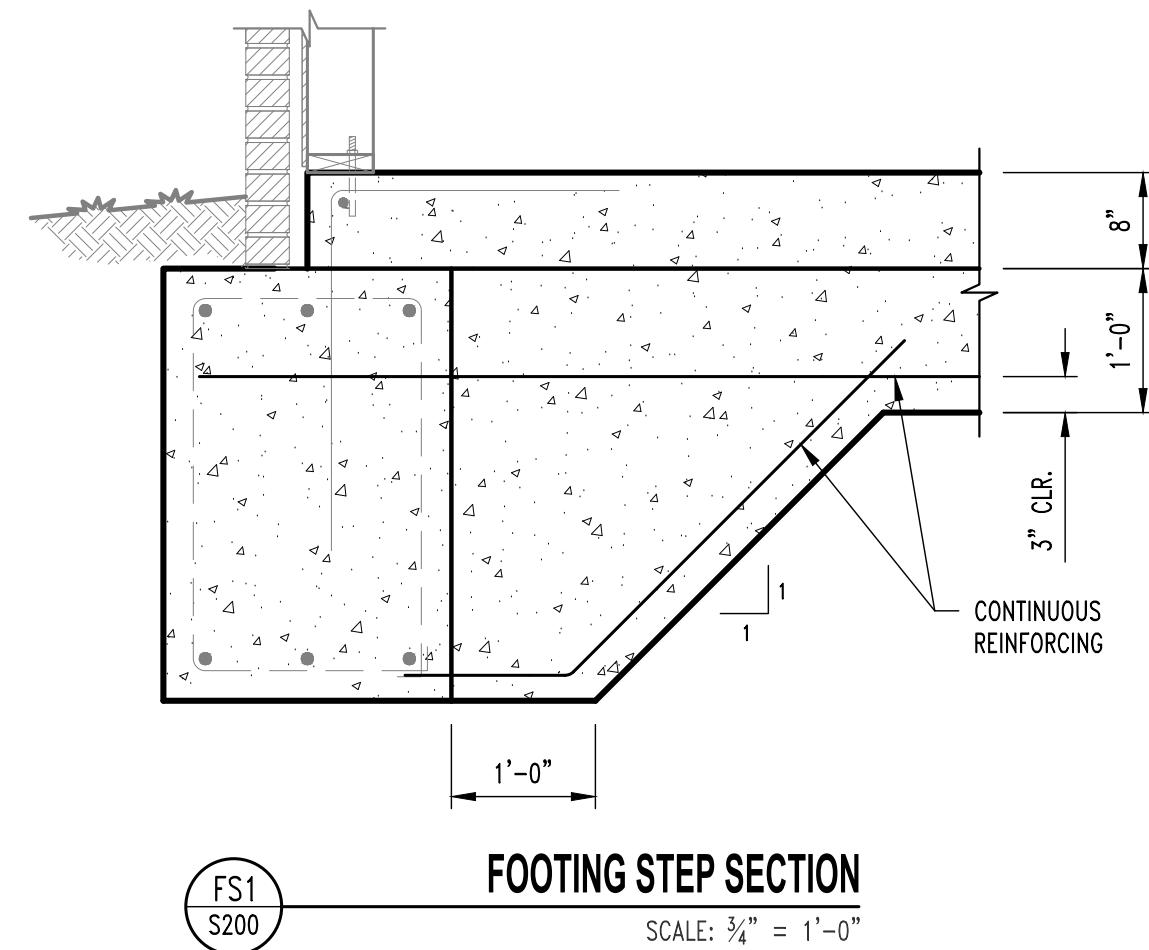
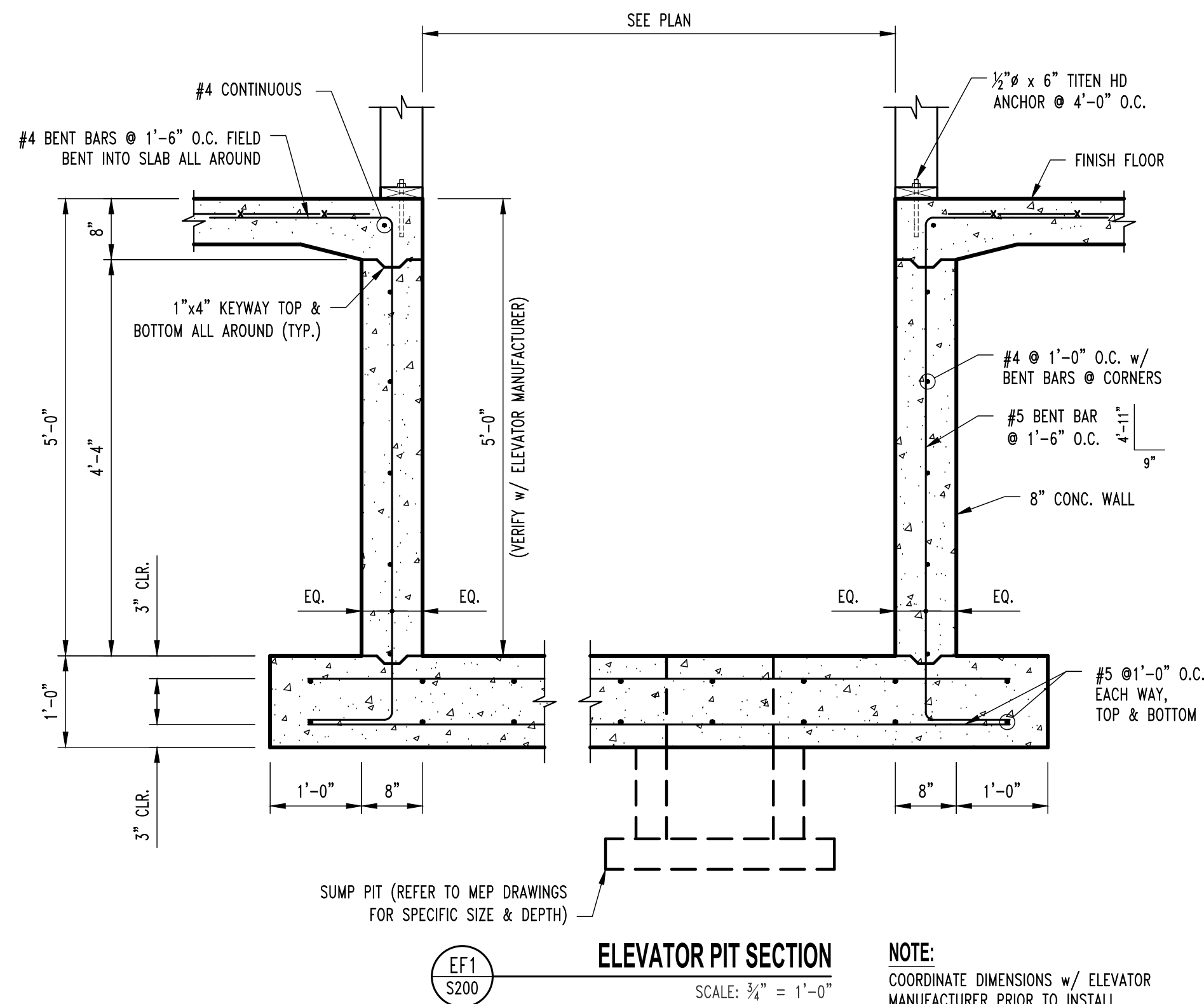
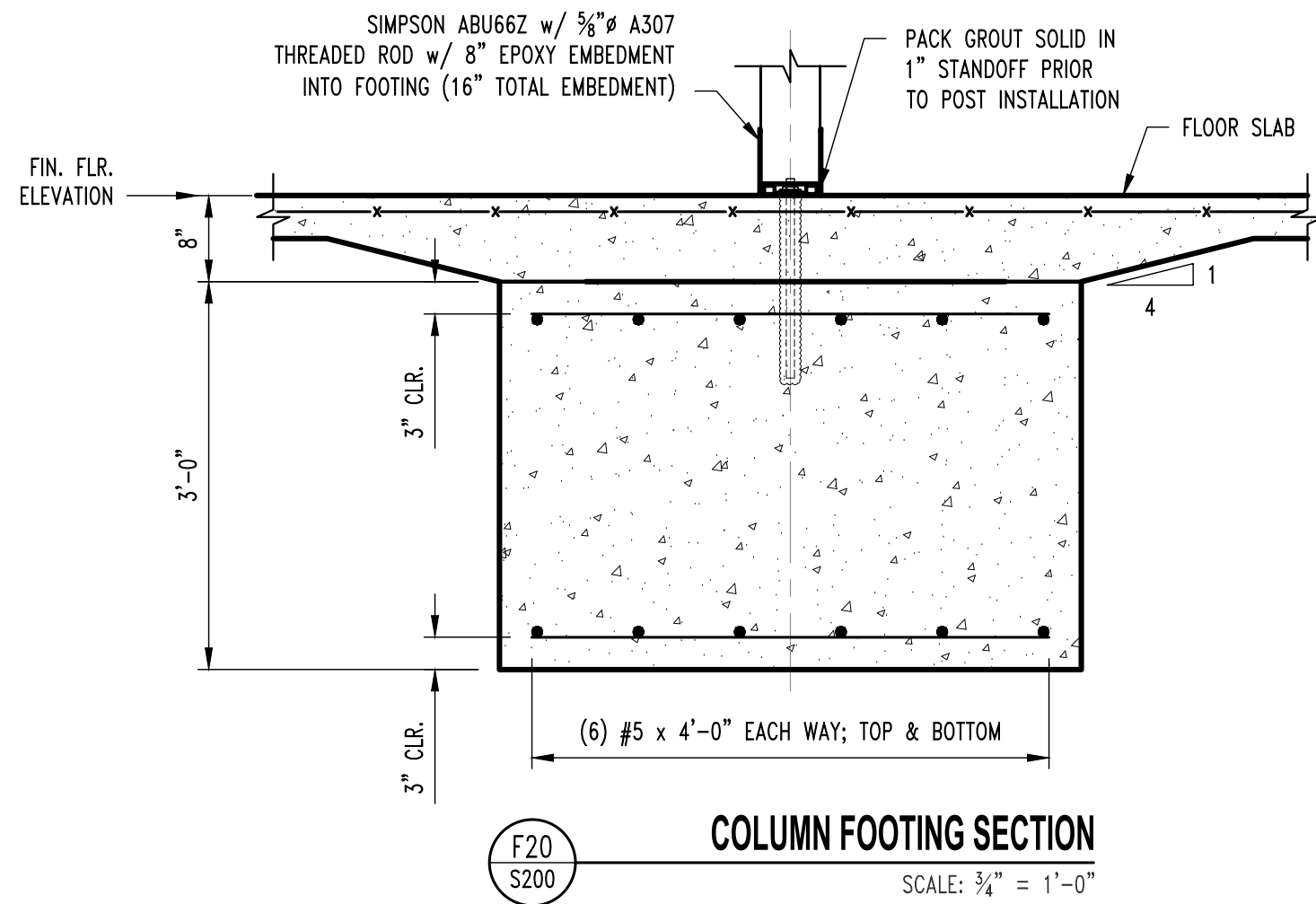
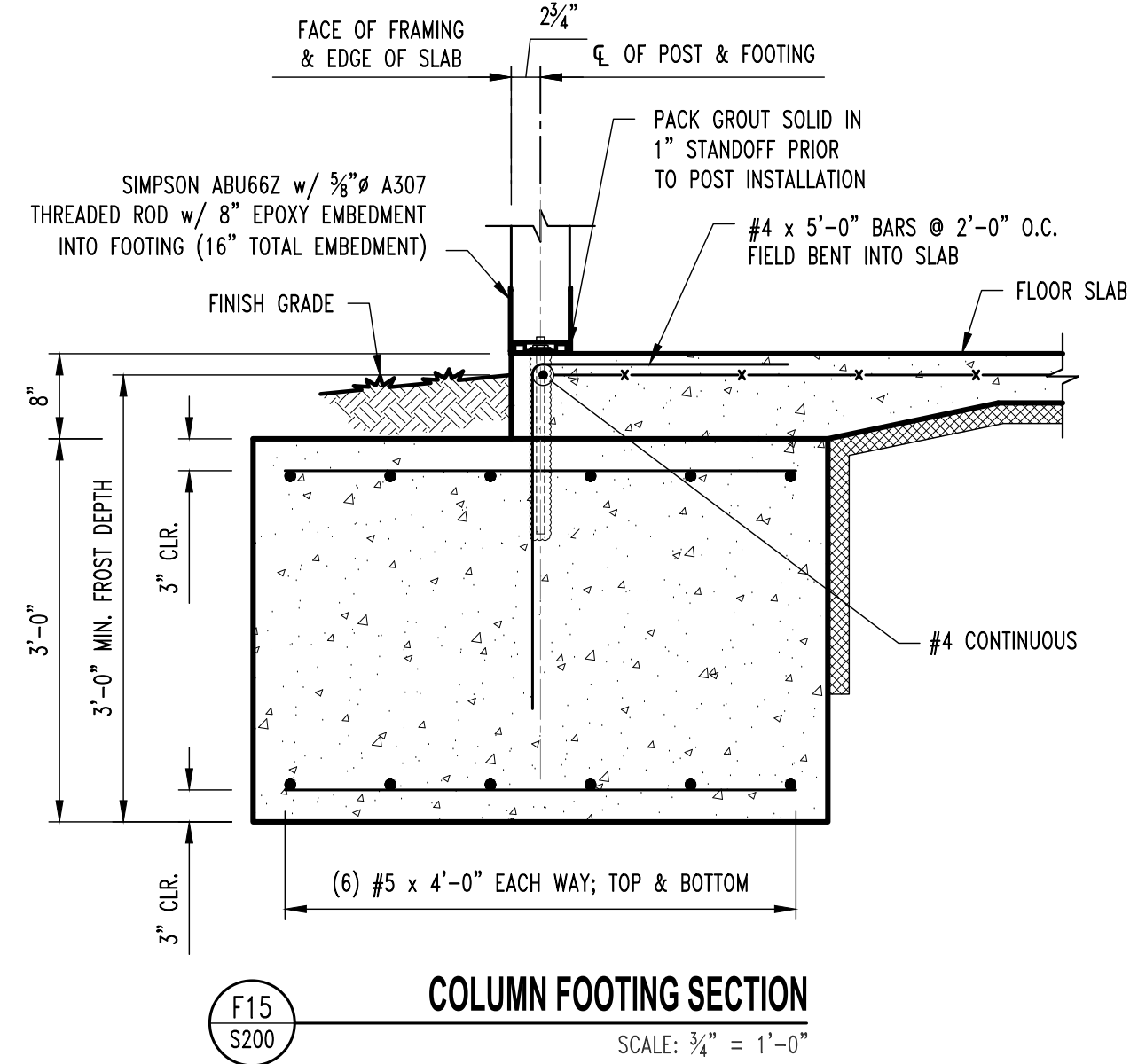
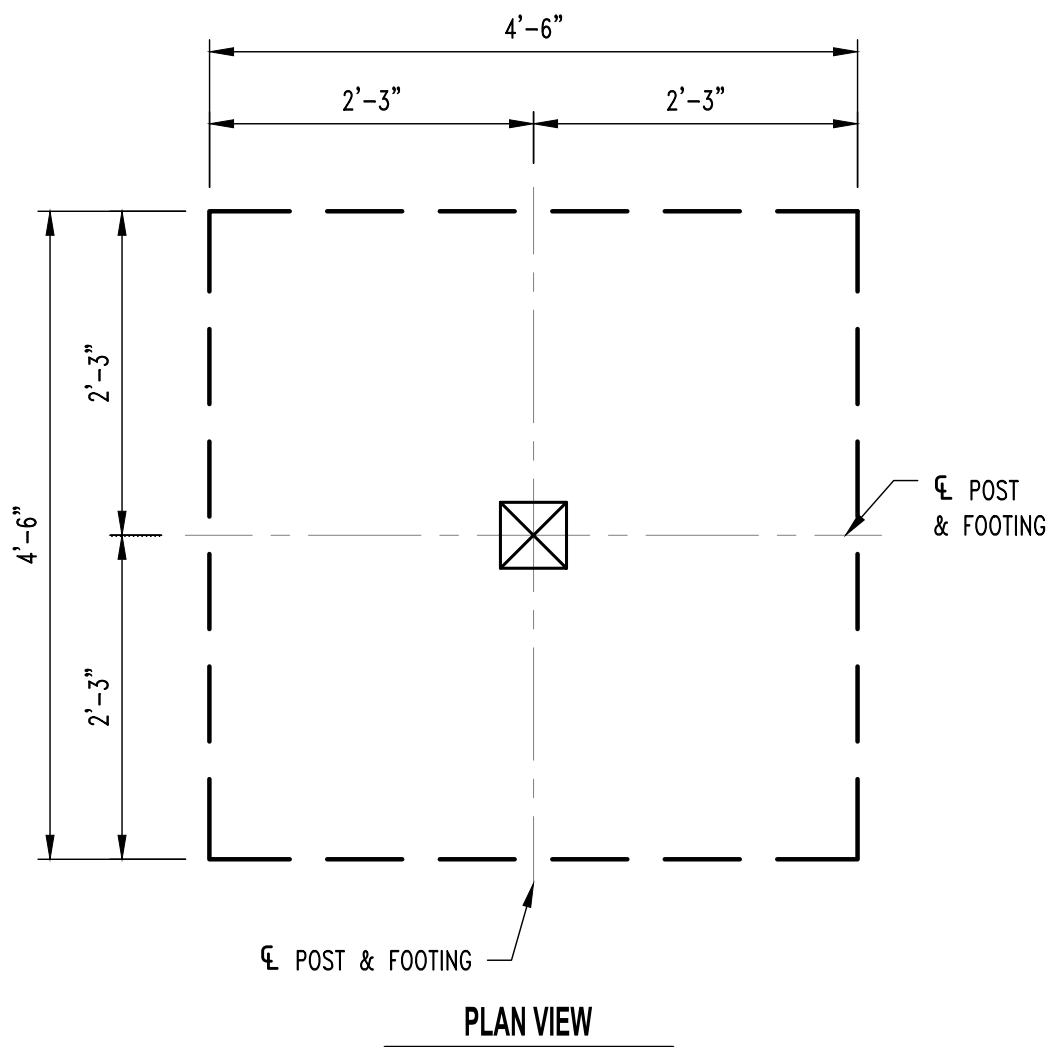
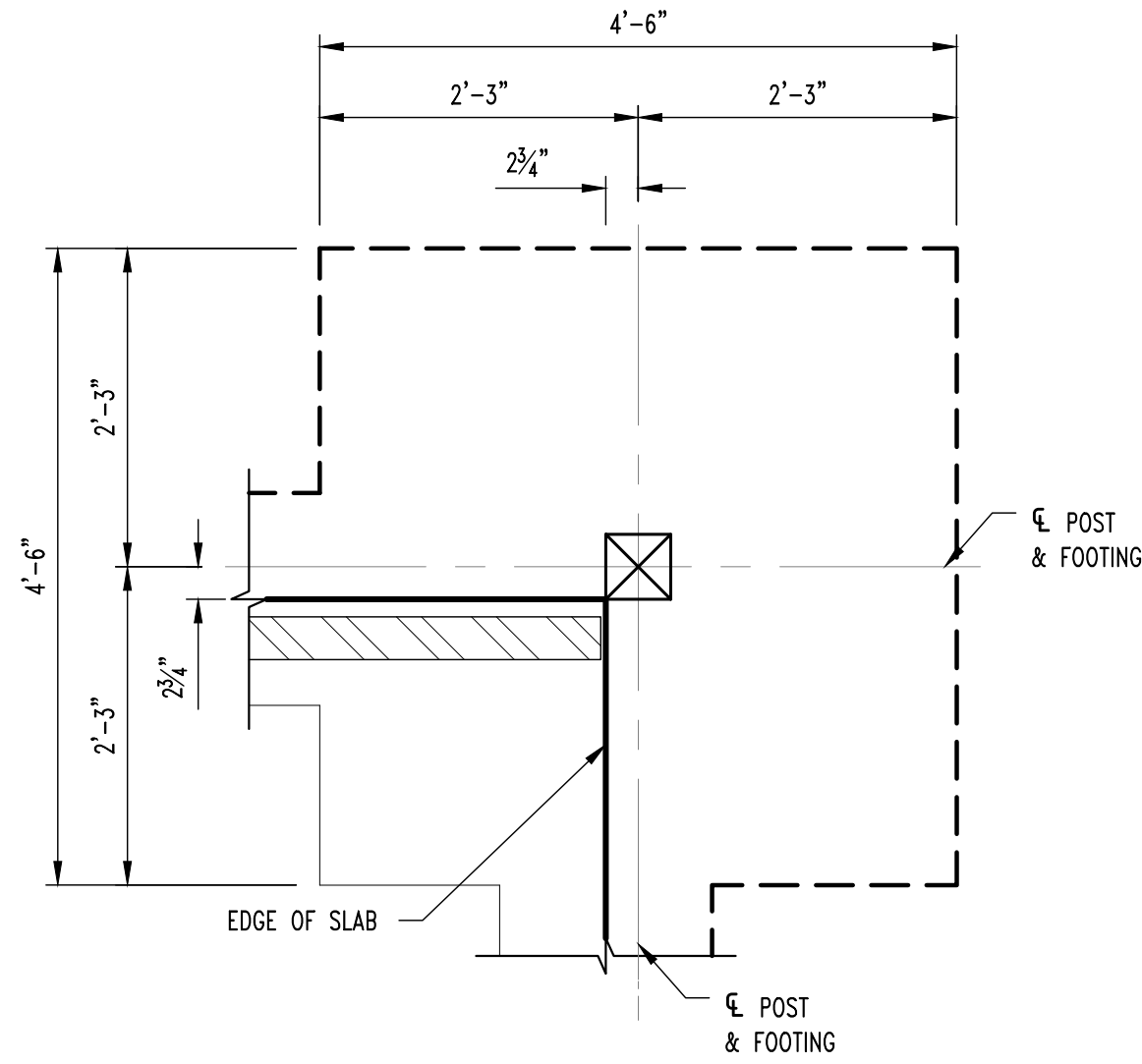
DRAWING INCLUDES:
FOUNDATION
DETAILS

DESIGNED: JWW

DRAWN: SEH

PROJECT NO.: 230286

SHEET:
S211



REVISIONS:

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

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Crockett Engineering Consultants, LLC
Missouri Certificate of Authority
#200310301

CLIENT:
**INTRINSIC
DEVELOPMENT**
3632 ENDEAVOR AVE.
COLUMBIA, MISSOURI

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

DRAWING INCLUDES:

2ND FLOOR
FRAMING PLAN

DESIGNED: JWW

DRAWN: SEH

PROJECT NO.: 230286

SHEET:
S300

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

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.

$\frac{3}{8}$ " UNDERLAYMENT OVER $1\frac{1}{2}$ " GYPCRETE OVER $\frac{3}{4}$ " FLOOR
SHEATHING FASTENED w/ 10d NAILS @ 6" O.C. @ PERIMETER /
12" O.C. FIELD OVER 20" DEEP
PRE-ENGINEERED FLOOR TRUSSES @ 24" O.C. MAX.
(TOP OF SHEATHING = 110'-9 $\frac{7}{8}$ ")

$\frac{3}{8}$ " ROOF SHEATHING FASTENED w/
10d NAILS @ 6" O.C. @ PERIMETER /
12" O.C. FIELD OVER PRE-ENGINEERED
ROOF TRUSSES @ 24" O.C. MAX.
(TRUSS BEARING ELEV. = 109'-1 $\frac{1}{8}$ ")

$\frac{3}{8}$ " ROOF SHEATHING FASTENED w/
10d NAILS @ 6" O.C. @ PERIMETER /
12" O.C. FIELD OVER PRE-ENGINEERED
ROOF TRUSSES @ 24" O.C. MAX.
(TRUSS BEARING ELEV. = 109'-1 $\frac{1}{8}$ ")

$\frac{3}{8}$ " ROOF SHEATHING FASTENED w/
10d NAILS @ 6" O.C. @ PERIMETER /
12" O.C. FIELD OVER PRE-ENGINEERED
ROOF TRUSSES @ 24" O.C. MAX.
(TRUSS BEARING ELEV. = 109'-1 $\frac{1}{8}$ ")

$\frac{3}{8}$ " ROOF SHEATHING FASTENED w/
10d NAILS @ 6" O.C. @ PERIMETER / 12" O.C. FIELD
OVER PRE-ENGINEERED ROOF TRUSSES @ 24" O.C. MAX.
(TRUSS BEARING ELEV. = 109'-1 $\frac{1}{8}$ ")

HEADER SCHEDULE

LABEL	HEADER	CRIPPLE/JACK	JAMBS/KING
"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

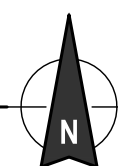
BRICK LINTEL SCHEDULE

"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

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

APARTMENT BUILDING TYPE "C" 2ND FLOOR FRAMING PLAN

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



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
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www.crockettengineering.com
Crockett Engineering Consultants, LLC
Missouri Certificate of Authority
#200310101

CLIENT:
INTRINSIC DEVELOPMENT
3622 ENDEAVOR AVE.
COLUMBIA, MISSOURI

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

DRAWING INCLUDES:

3RD FLOOR
FRAMING PLAN

DESIGNED: JWV

DRAWN: SEH

PROJECT NO.: 230286

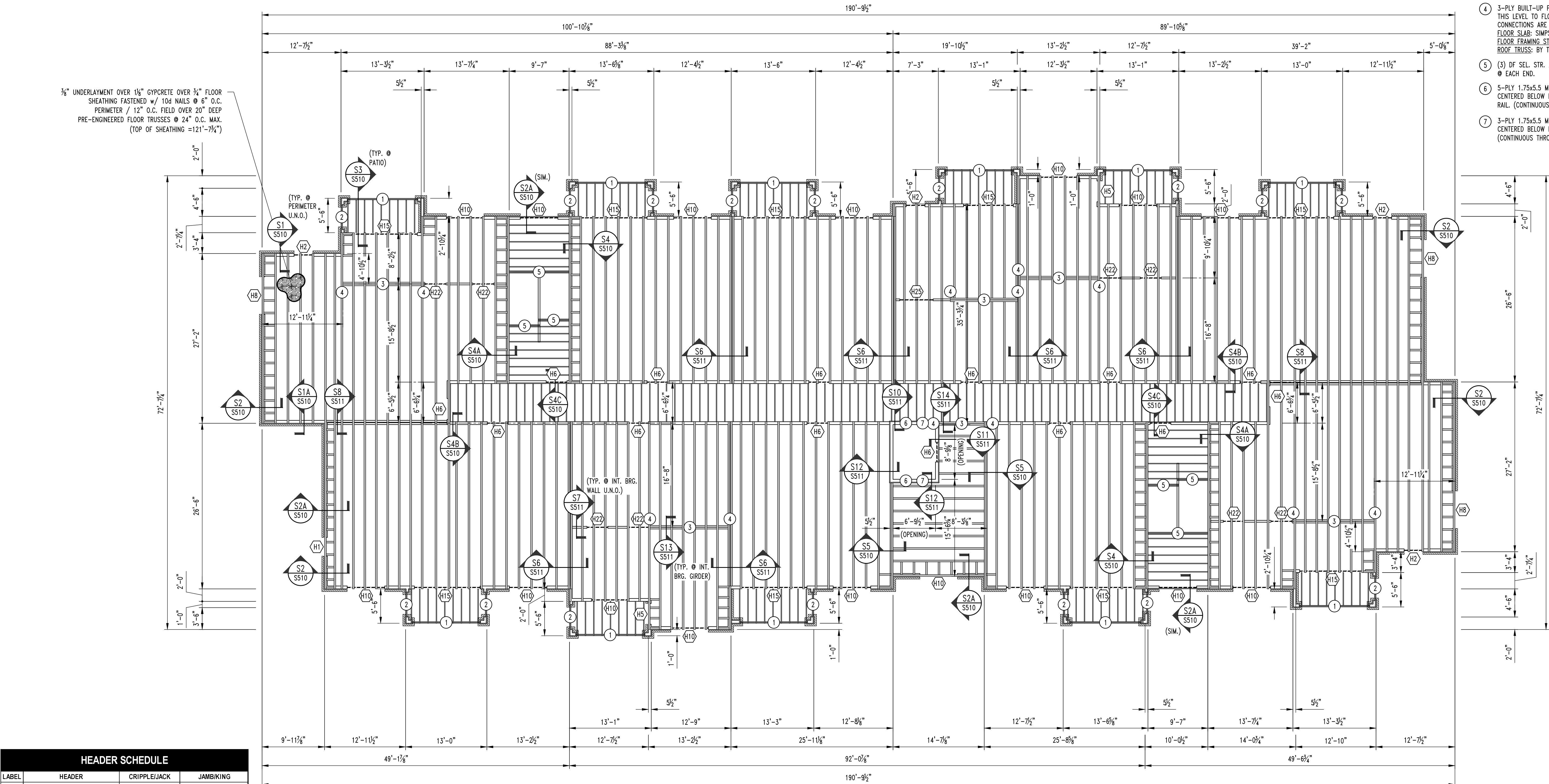
SHEET:
S400

FLOOR FRAMING NOTES

- (1) (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 LITTP2.
FLOOR FRAMING STUD ATTACHMENT: SIMPSON MSTC52
ROOF TRUSS: BY TRUSS MANUFACTURER
- (3) DF SEL. STR. 2x12's w/ 3-PLY BUILT-UP POST
@ EACH END.
- 5-PLY 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)

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.

3/8" UNDERLAYMENT OVER 1 1/2" GYPCRETE OVER 3/4" FLOOR
SHEATHING FASTENED W/ 10d NAILS @ 6" O.C.
PERIMETER / 12" O.C. FIELD OVER 20" DEEP
PRE-ENGINEERED FLOOR TRUSSES @ 24" O.C. MAX.
(TOP OF SHEATHING =121'-7 3/4")



APARTMENT BUILDING TYPE "C" 3RD FLOOR FRAMING PLAN

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

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

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., Suite 1
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www.crockettengineering.com
Crockett Engineering Consultants, LLC
Missouri Certificate of Authority
#200310101

CLIENT:
INTRINSIC DEVELOPMENT
3622 ENDEAVOR AVE.
COLUMBIA, MISSOURI

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

DRAWING INCLUDES:

4TH FLOOR
FRAMING PLAN

DESIGNED: JWV

DRAWN: SEH

PROJECT NO.: 230286

SHEET:
S500

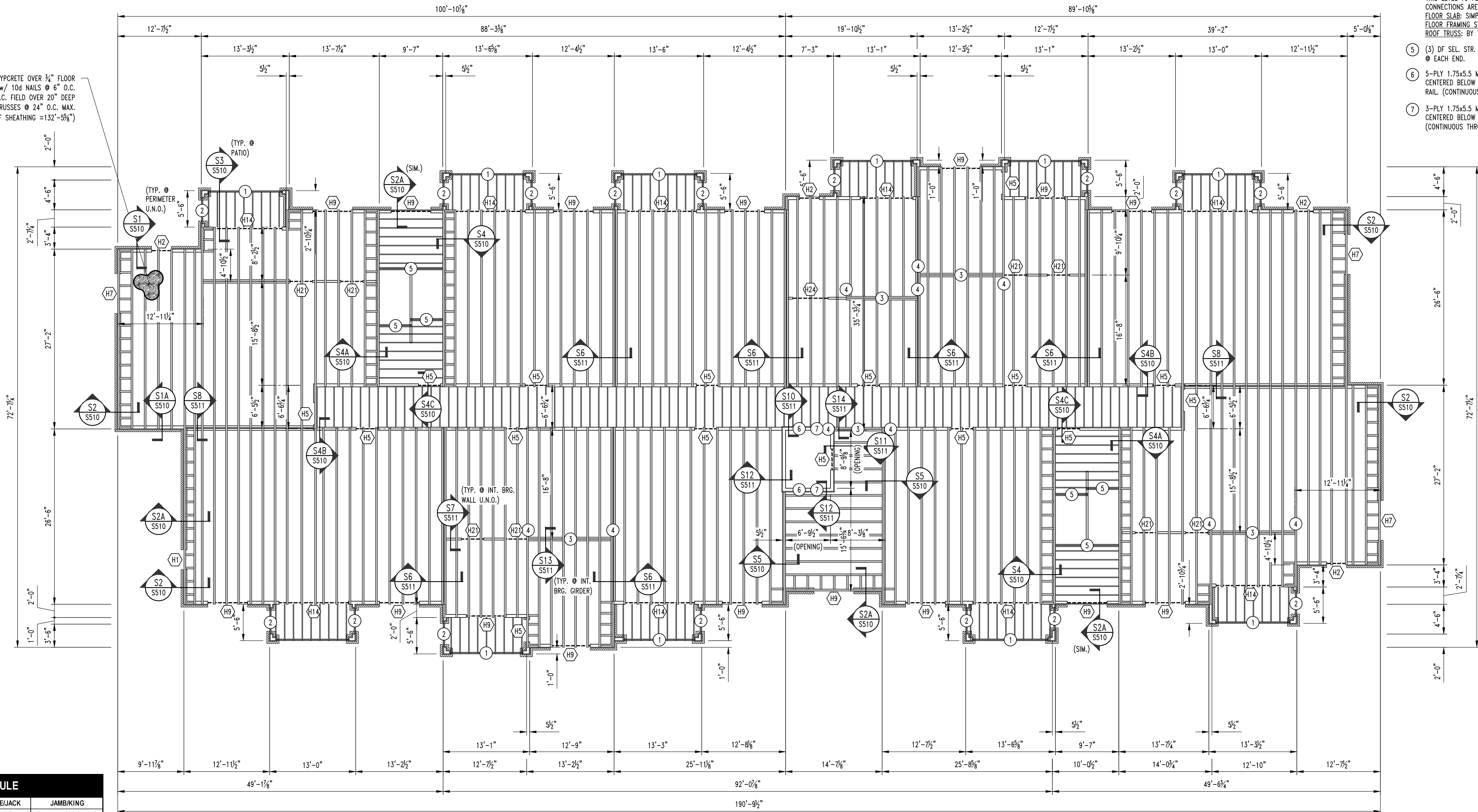
FLOOR FRAMING NOTES

- (1) (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.
- (3) GIRDER TRUSS
- 3-PLY BUILT-UP POST BENEATH GIRDER TRUSS
THIS LEVEL TO FLOOR SLAB
CONNECTIONS ARE AS FOLLOWS:
FLOOR SLAB: SIMPSON LITP2.
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.
- 5-PLY 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)

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.

3/8" UNDERLAYMENT OVER 1 1/2" GYPCRETE OVER 3/4" FLOOR
SHEATHING FASTENED W/ 10d NAILS @ 6" O.C.
PERIMETER / 12" O.C. FIELD OVER 20" DEEP
PRE-ENGINEERED FLOOR TRUSSES @ 24" O.C. MAX.
(TOP OF SHEATHING = 132'-5 5/8")



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

"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

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

APARTMENT BUILDING TYPE "C" 4TH FLOOR FRAMING PLAN

SCALE: 3/8" = 1'-0"

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.

ROOF FRAMING NOTES

- (2) TREATED So. PINE No.2 2x10's w/ 2-PLY BUILT-UP POST @ EACH END.
- FRAME ROOF OVER PRE-ENGINEERED TRUSSES TO CREATE RIDGE, VALLEY, OR HIP AS SHOWN w/ No.1/No.2 SPF 2x RAFTERS @ 16" O.C. OR PRE-ENGINEERED ROOF TRUSSES @ 2'-0" O.C. MAX.
- GIRDER TRUSS
- 3-PLY BUILT-UP POST BENEATH GIRDER TRUSS THIS LEVEL TO FLOOR SLAB CONNECTIONS ARE AS FOLLOWS:
FLOOR SLAB: SIMPSON LITTP2.
FLOOR FRAMING STUD ATTACHMENT: SIMPSON WSCS2
ROOF TRUSS: BY TRUSS MANUFACTURER
- REFER TO TYPICAL GIRDER TO HEADER DETAIL ON SHEET S612.
- ROOF HATCH REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 5-PLY 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.



STRUCTURAL ENGINEER:
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Crockett Engineering Consultants, LLC
Missouri Certificate of Authority
#200101001

CLIENT:
INTRINSIC DEVELOPMENT
3622 ENDAVOR AVE.
COLUMBIA, MISSOURI

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

DRAWING INCLUDES:

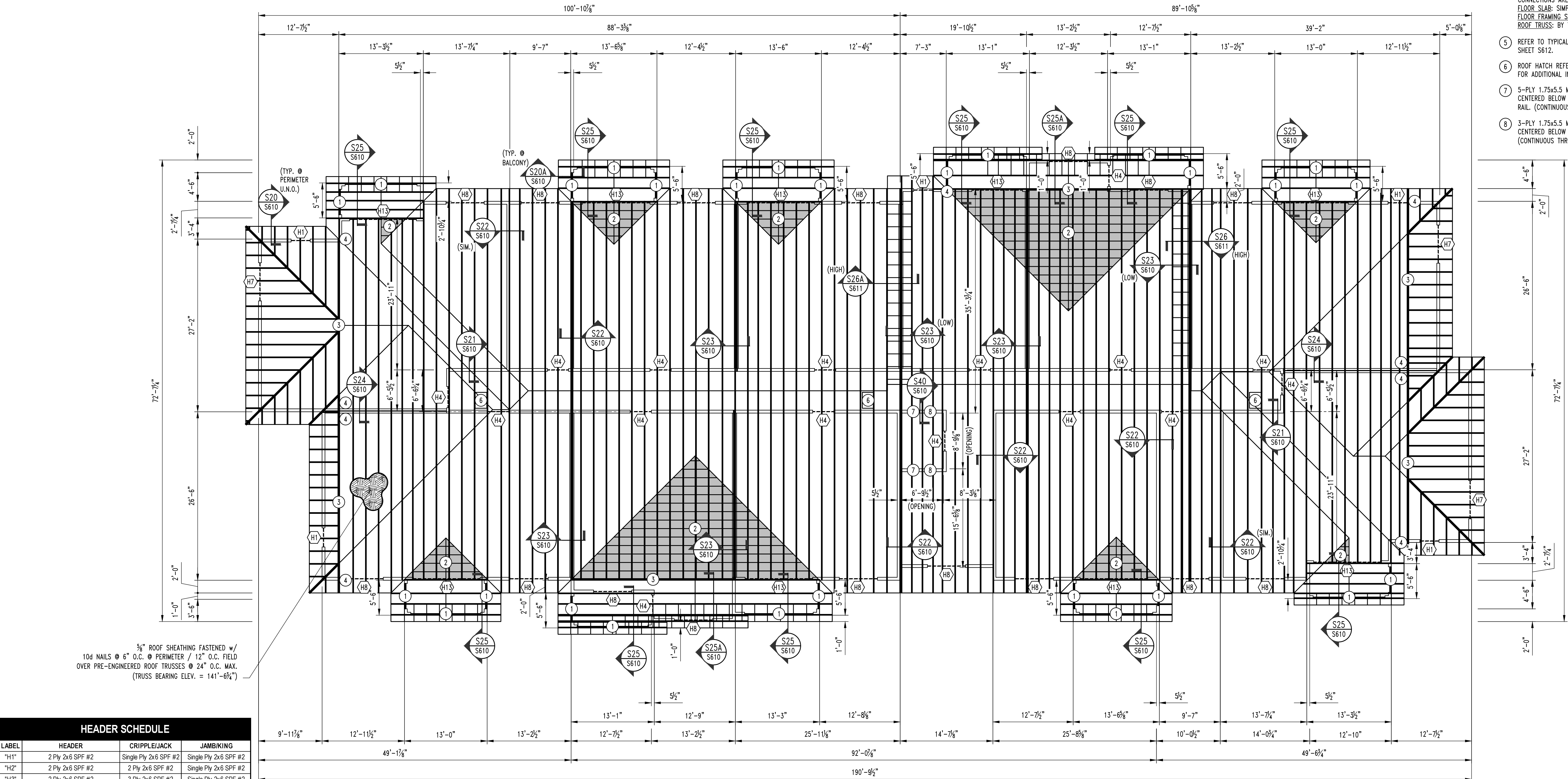
ROOF FRAMING
PLAN

DESIGNED: JWW

DRAWN: SEH

PROJECT NO.: 230286

SHEET:
S600



APARTMENT BUILDING TYPE "C" ROOF FRAMING PLAN

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

HEADER SCHEDULE			
LABEL	HEADER	CRIPPLE/JACK	JAMBS/KIRKING
"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

REVISIONS:

No.	Date
ISSUE SET	04/15/2025
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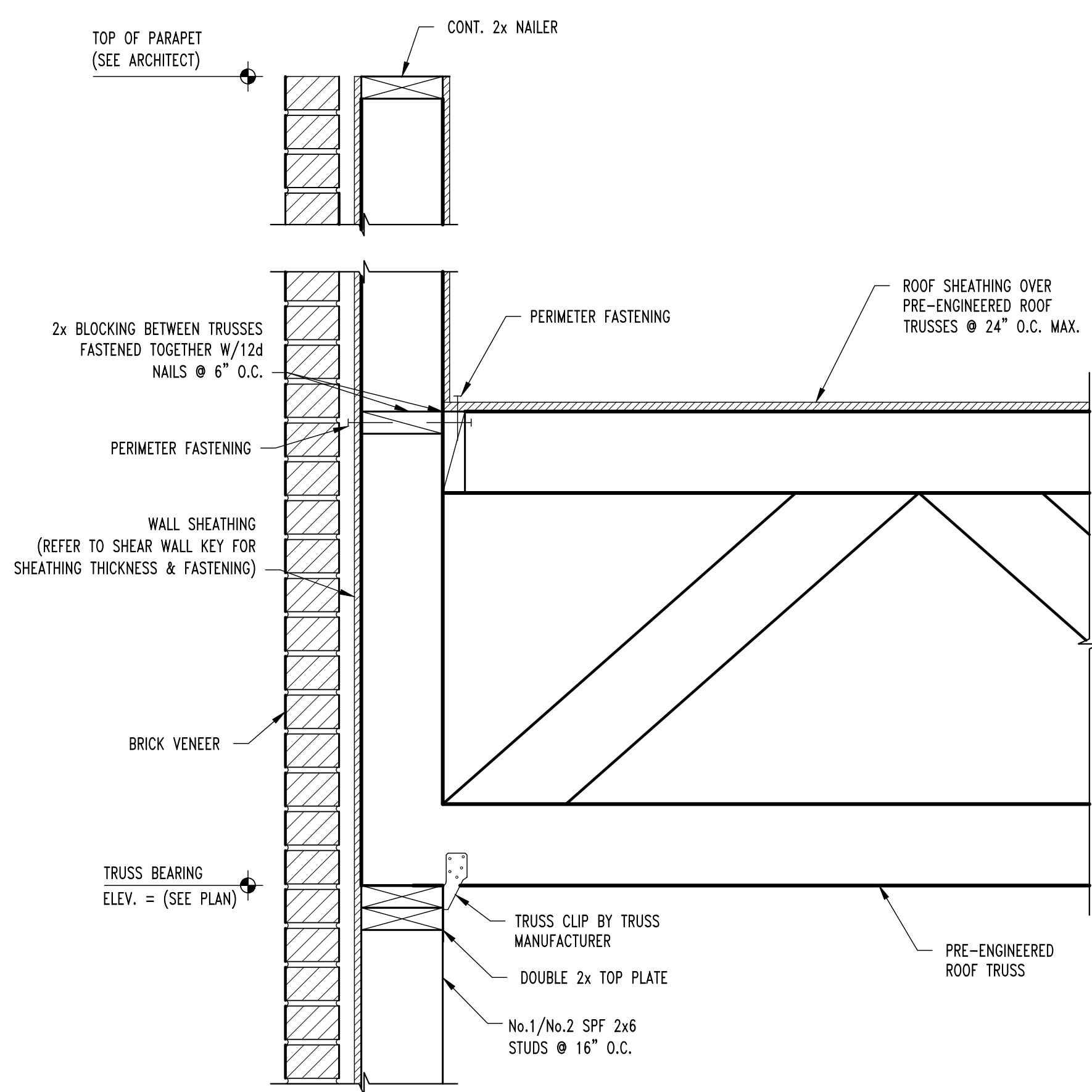
CLIENT:
**INTRINSIC
DEVELOPMENT**
3622 E. ANDER AVE.
COLUMBIA, MISSOURI

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

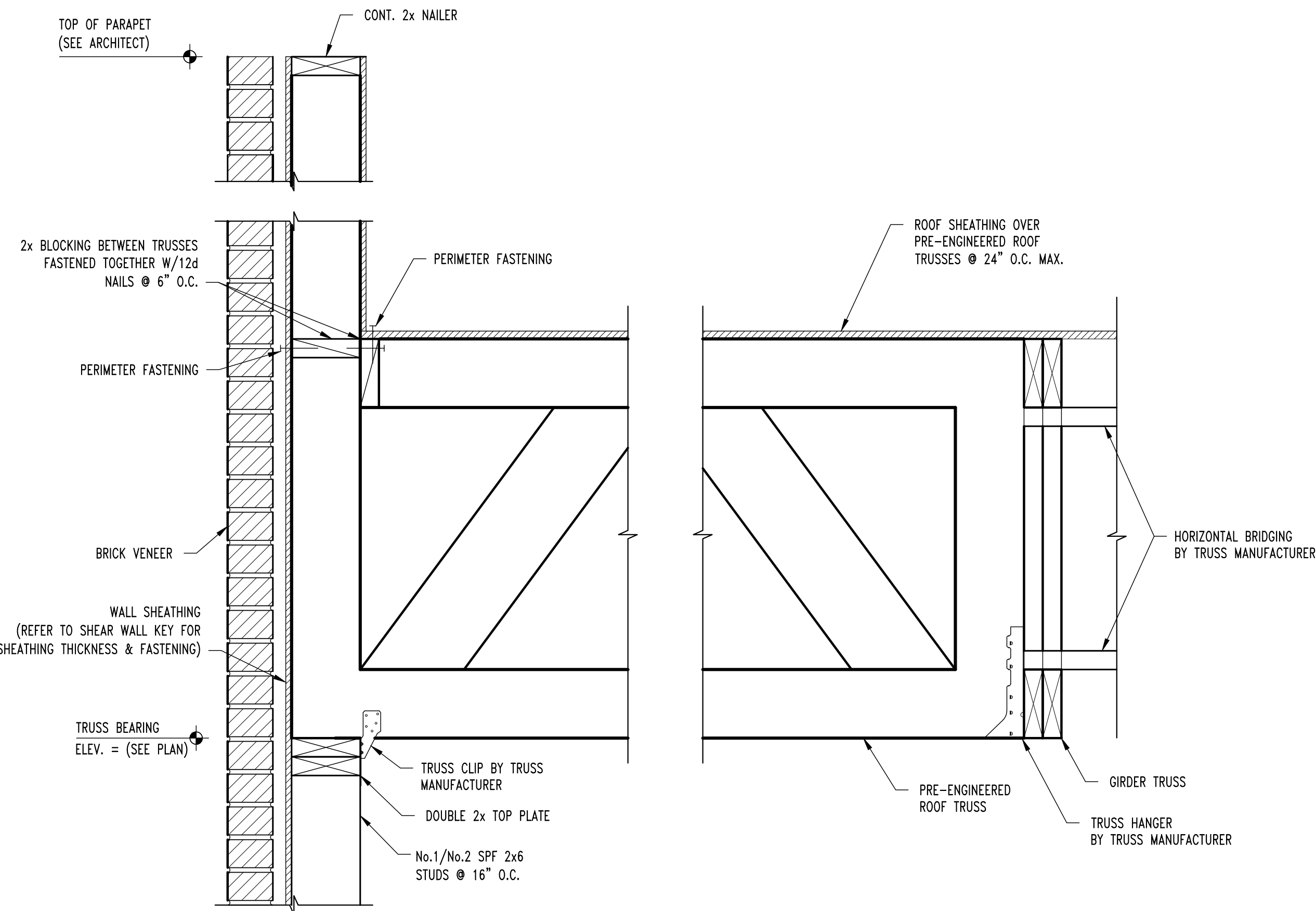
DRAWING INCLUDES:

ROOF FRAMING
DETAILS

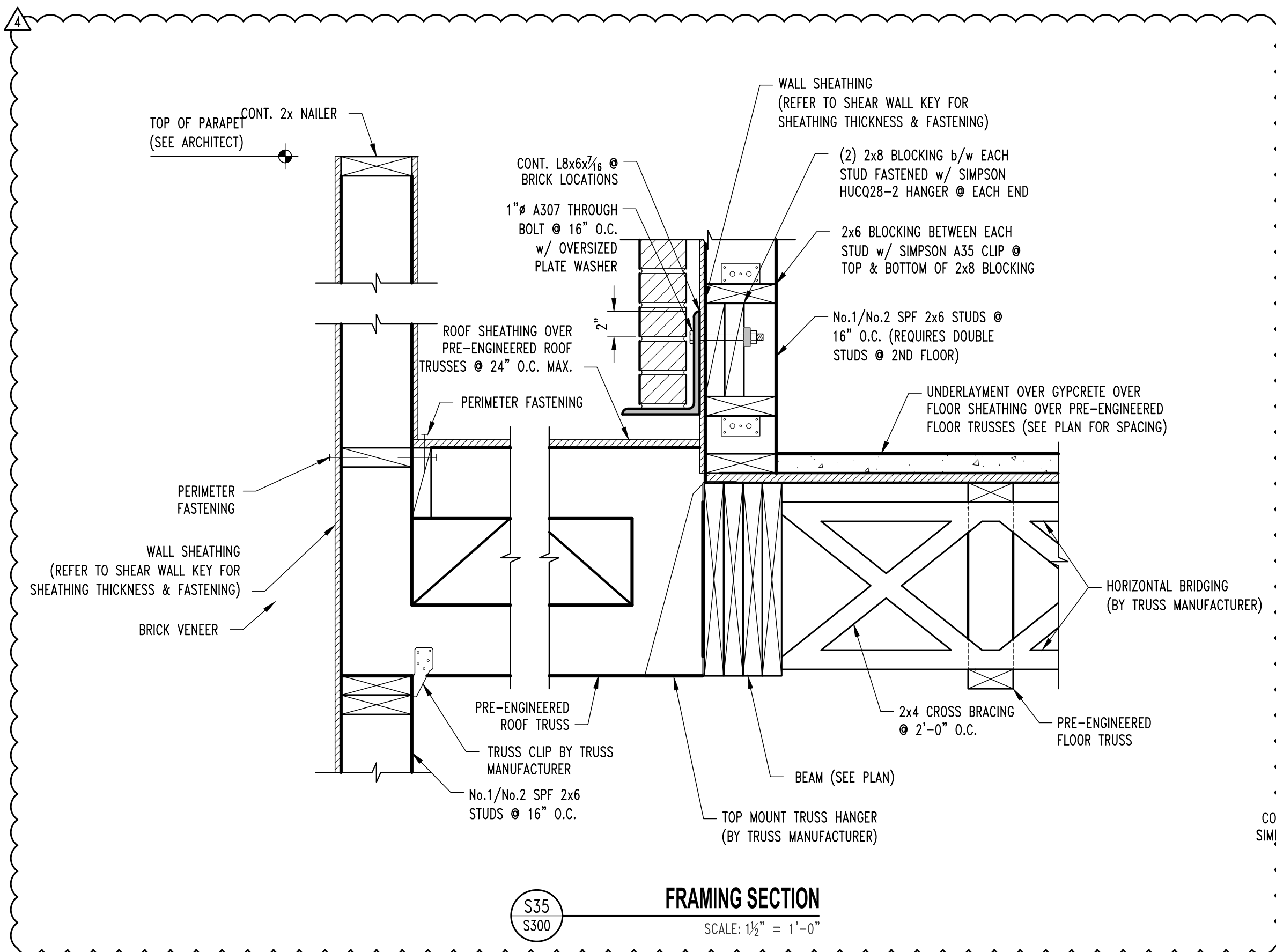
DESIGNED: JWW
DRAWN: SEH
PROJECT NO.: 230286
SHEET:
S612



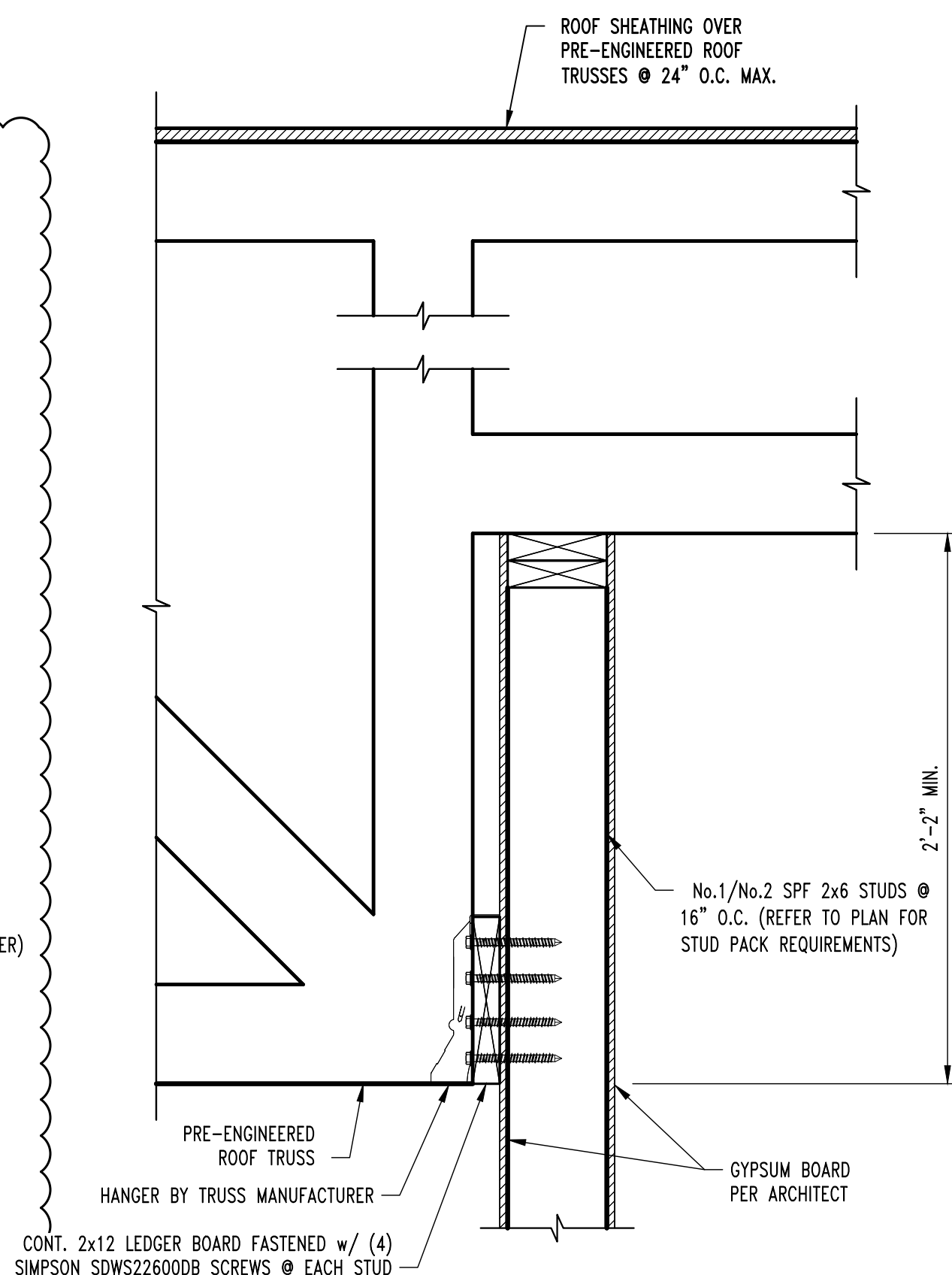
S30
S300
ROOF FRAMING SECTION
SCALE: 1/2" = 1'-0"



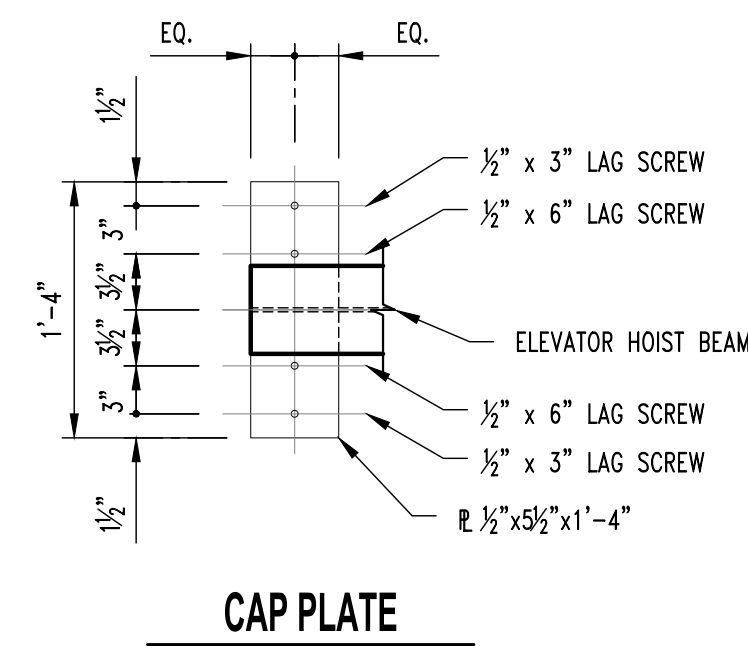
S31
S300
ROOF FRAMING SECTION
SCALE: 1/2" = 1'-0"



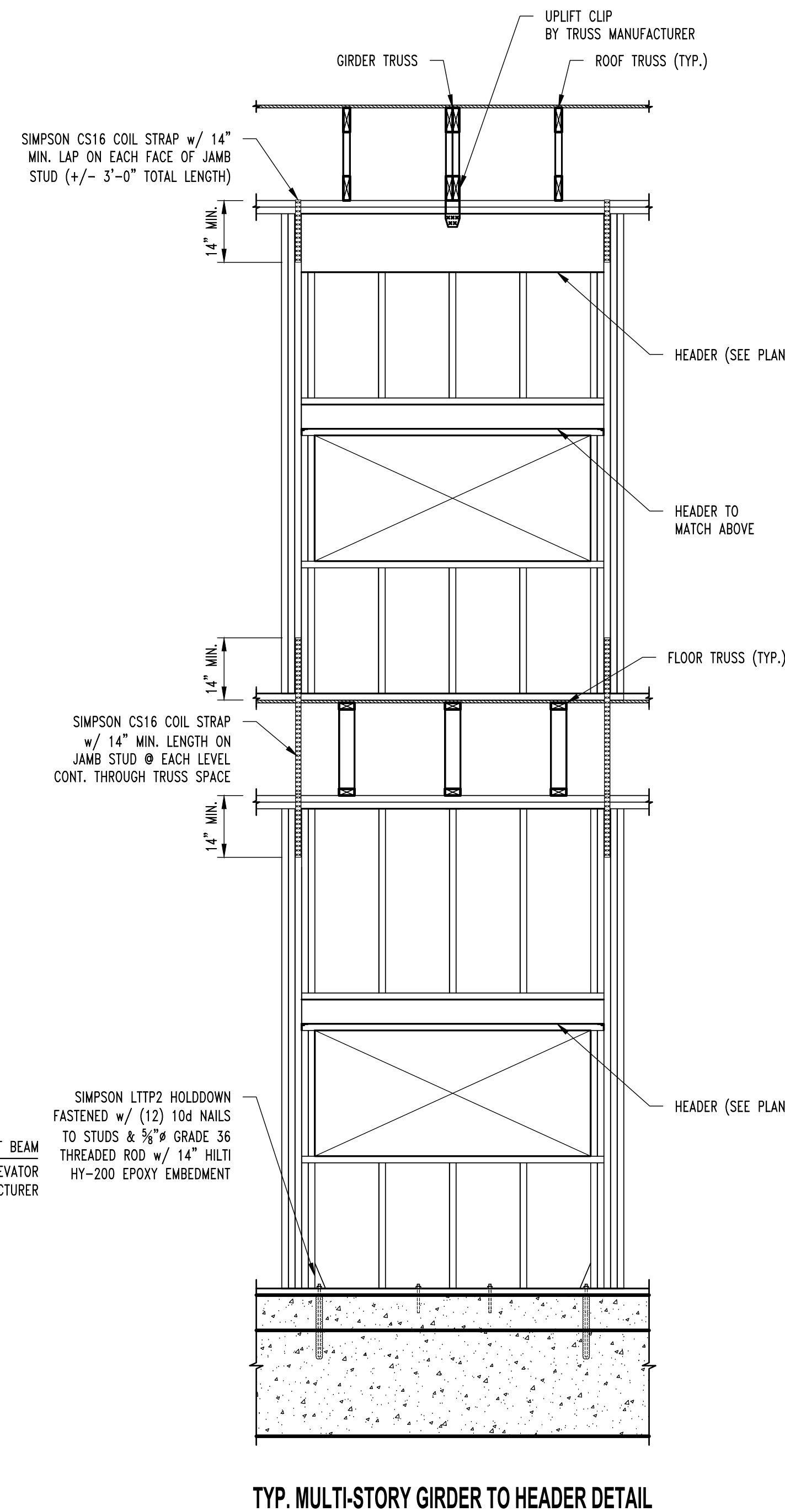
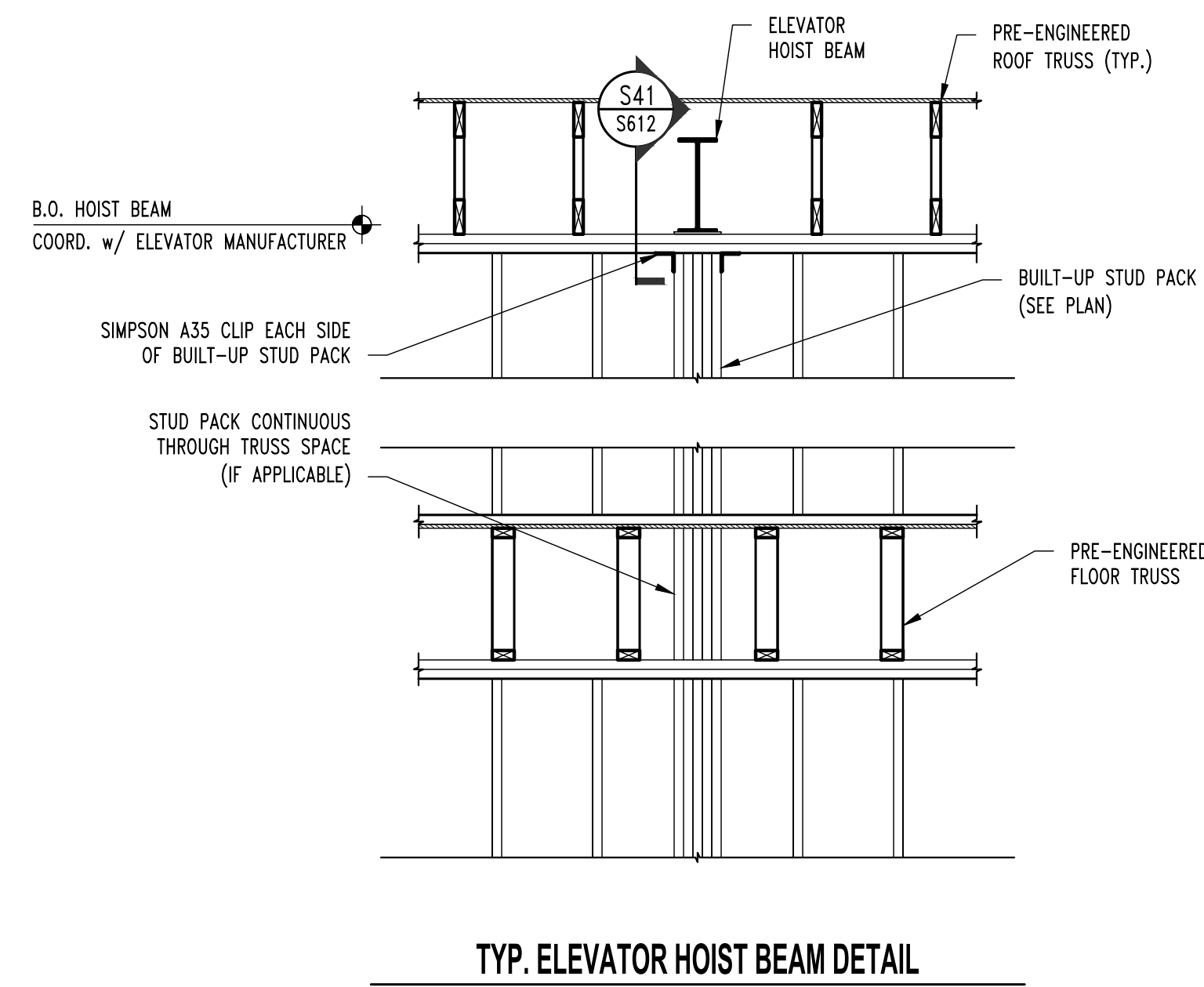
S35
S300
FRAMING SECTION
SCALE: 1/2" = 1'-0"



S40
S600
TYP. ROOF FRAMING SECTION
SCALE: 1/2" = 1'-0"



S41
S612
HOIST BEAM BEARING DETAIL
SCALE: 1/2" = 1'-0"



NOTE:
GYPSUM BOARD NOT SHOWN
FOR CLARITY. REFER TO ARCH
FOR REQUIREMENTS.