

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		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: 2019 IPC, 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: IVA					
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
9P1.0B	SPECIFICATIONS	15 APR 2025	15 APR 2025	ISSUE SET
9P1.1B	SPECIFICATIONS	15 APR 2025	15 APR 2025	ISSUE SET
9P1.2B	SPECIFICATIONS	15 APR 2025	15 APR 2025	ISSUE SET
9P1.3B	SPECIFICATIONS	15 APR 2025	15 APR 2025	ISSUE SET
2 - STRUCTURAL (BY CROCKETT ENGINEERING CONSULTANTS)				
5100	GENERAL STRUCTURAL DATA	15 APR 2025	15 APR 2025	ISSUE SET
8200	FOUNDATION PLAN	15 APR 2025	16 JAN 2026	ASI #2
8210	FOUNDATION DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
8211	FOUNDATION DETAILS	15 APR 2025	16 JAN 2026	ASI #2
8300	2ND FLOOR FRAMING PLAN	15 APR 2025	16 JAN 2026	ASI #2
8300A	SHEAR WALL PLAN	15 APR 2025	15 APR 2025	ISSUE SET
8400	3RD FLOOR FRAMING PLAN	15 APR 2025	16 JAN 2026	ASI #2
8500	4TH FLOOR FRAMING PLAN	15 APR 2025	16 JAN 2026	ASI #2
8510	FLOOR FRAMING DETAILS	15 APR 2025	31 OCT 2025	ASI #1
8511	FLOOR FRAMING DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
8600	ROOF FRAMING PLAN	15 APR 2025	16 JAN 2026	ASI #2
8610	ROOF FRAMING DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
8611	ROOF FRAMING DETAILS	15 APR 2025	31 OCT 2025	ASI #1
8620	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



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

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
 ▲ 31 OCT 2025 ASI #1
 ▲ 16 JAN 2026 ASI #2

SHEET NO. 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

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

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. NIKOS BLVD. SUITE 1
 COLUMBIA, MISSOURI 65205
 www.crockettengineering.com
 Crockett Engineering Consultants, LLC
 Missouri Certificate of Authority #200213101

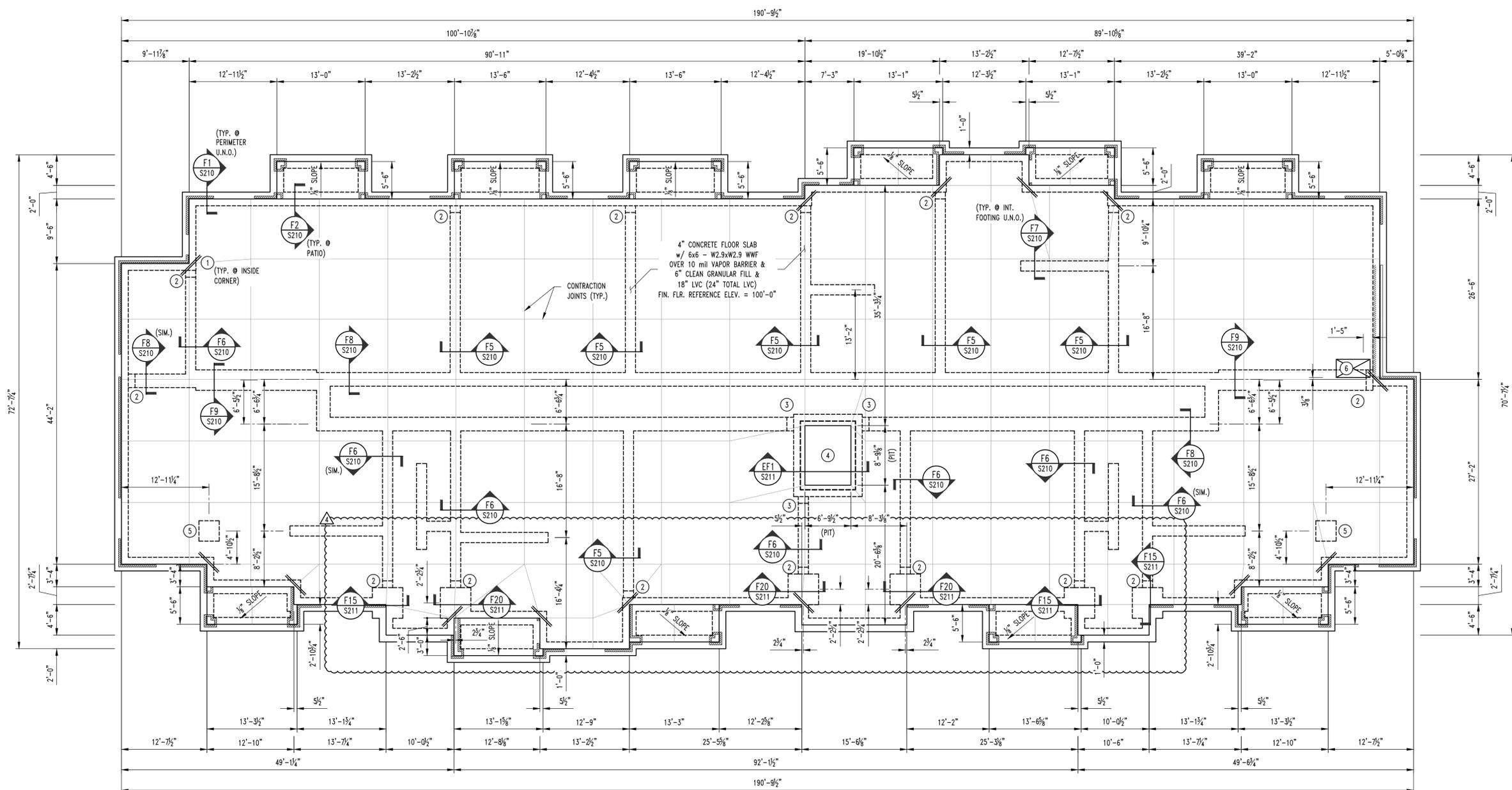
CLIENT:
INTRINSIC DEVELOPMENT
 3622 ELEVATOR AVE.
 COLUMBIA, MISSOURI

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

DRAWING INCLUDES:

FOUNDATION PLAN

DESIGNED: JWW
 DRAWN: SEH
 PROJECT NO.: 230286
 SHEET: S200



1 S200 **APARTMENT BUILDING TYPE "B" FOUNDATION PLAN** SCALE: 1/8" = 1'-0"

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

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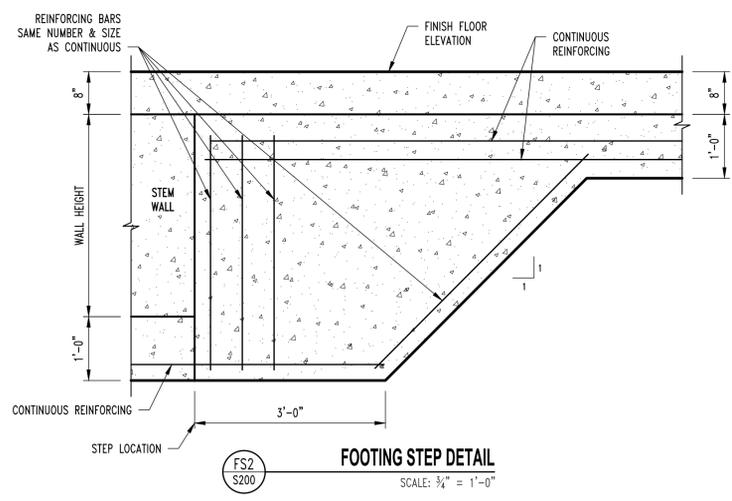
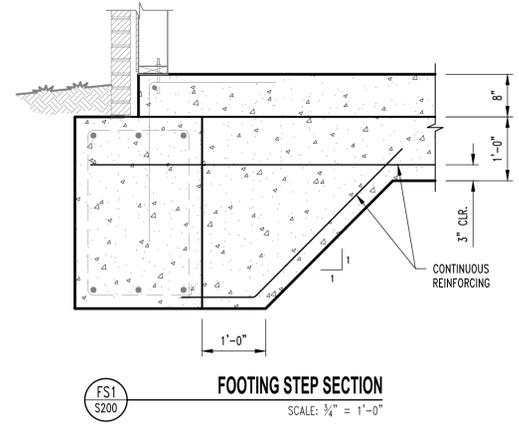
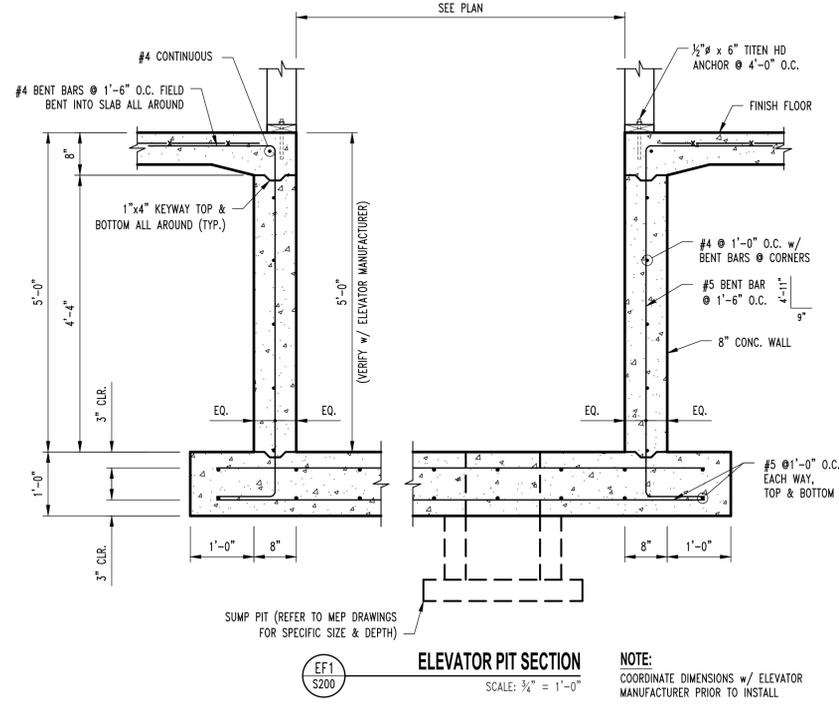
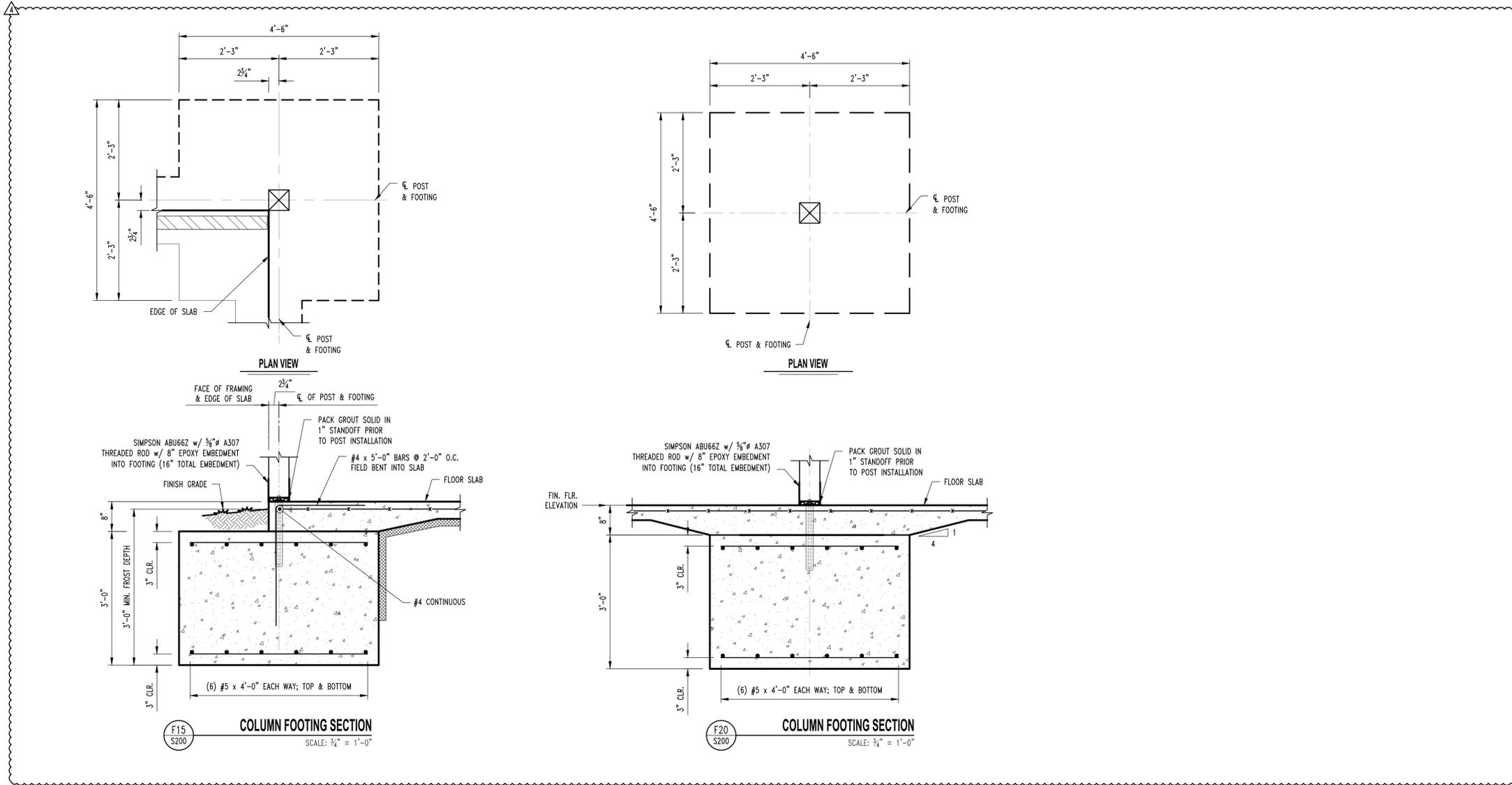
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 1000 W. N. Kings Blvd., Suite 1
 Columbia, Missouri 65205
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 Crockett Engineering Consultants, LLC
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 #200313101

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:
 COORDINATE DIMENSIONS w/ ELEVATOR
 MANUFACTURER PRIOR TO INSTALL

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. Kings Blvd. Suite 1
Columbia, Missouri 65205
(573) 447-0992
www.crockettengineering.com
Crockett Engineering Consultants, LLC
Missouri Certificate of Authority #200310301

CLIENT:
INTRINSIC DEVELOPMENT
3622 ENDOVER AVE.
COLUMBIA, MISSOURI

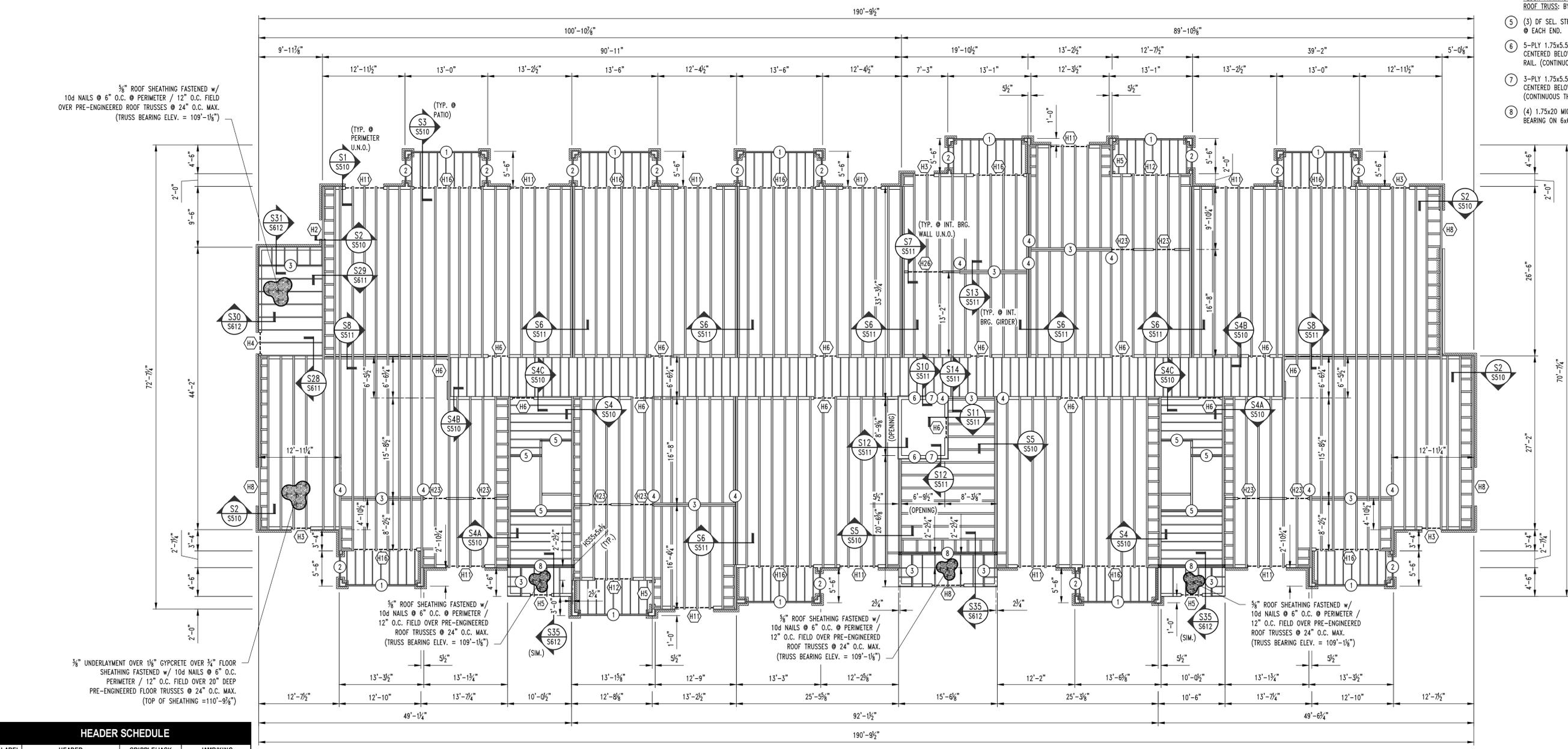
Alura Village Apartment Building Type "B"
Lee's Summit, Jackson County, Missouri

DRAWING INCLUDES:
2ND FLOOR FRAMING PLAN

DESIGNED: JWW
DRAWN: SEH
PROJECT NO.: 230286
SHEET: S300

- ### 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 MSTCS2
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.



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 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
"H21"	2 Ply 2x8 Doug Fr #2	Single Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H22"	2 Ply 2x8 Doug Fr #2	2 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H23"	2 Ply 2x8 Doug Fr #2	3 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H24"	2 Ply 2x10 Doug Fr Sel. Struct	2 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H25"	2 Ply 2x10 Doug Fr Sel. Struct	3 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H26"	2 Ply 2x10 Doug Fr 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

1 S300
APARTMENT BUILDING TYPE "B" 2ND FLOOR FRAMING PLAN
SCALE: 3/8" = 1'-0"



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



STRUCTURAL ENGINEER
CROCKETT
ENGINEERING CONSULTANTS
1000 W. N. High Blvd. #100
Columbia, Missouri 65205
(573) 447-0092
www.crockettengineering.com
Crockett Engineering Consultants, LLC
Missouri Certificate of Authority
#200310301

CLIENT:
INTRINSIC DEVELOPMENT
3622 ENDEAVOR AVE.
COLUMBIA, MISSOURI

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

DRAWING INCLUDES:

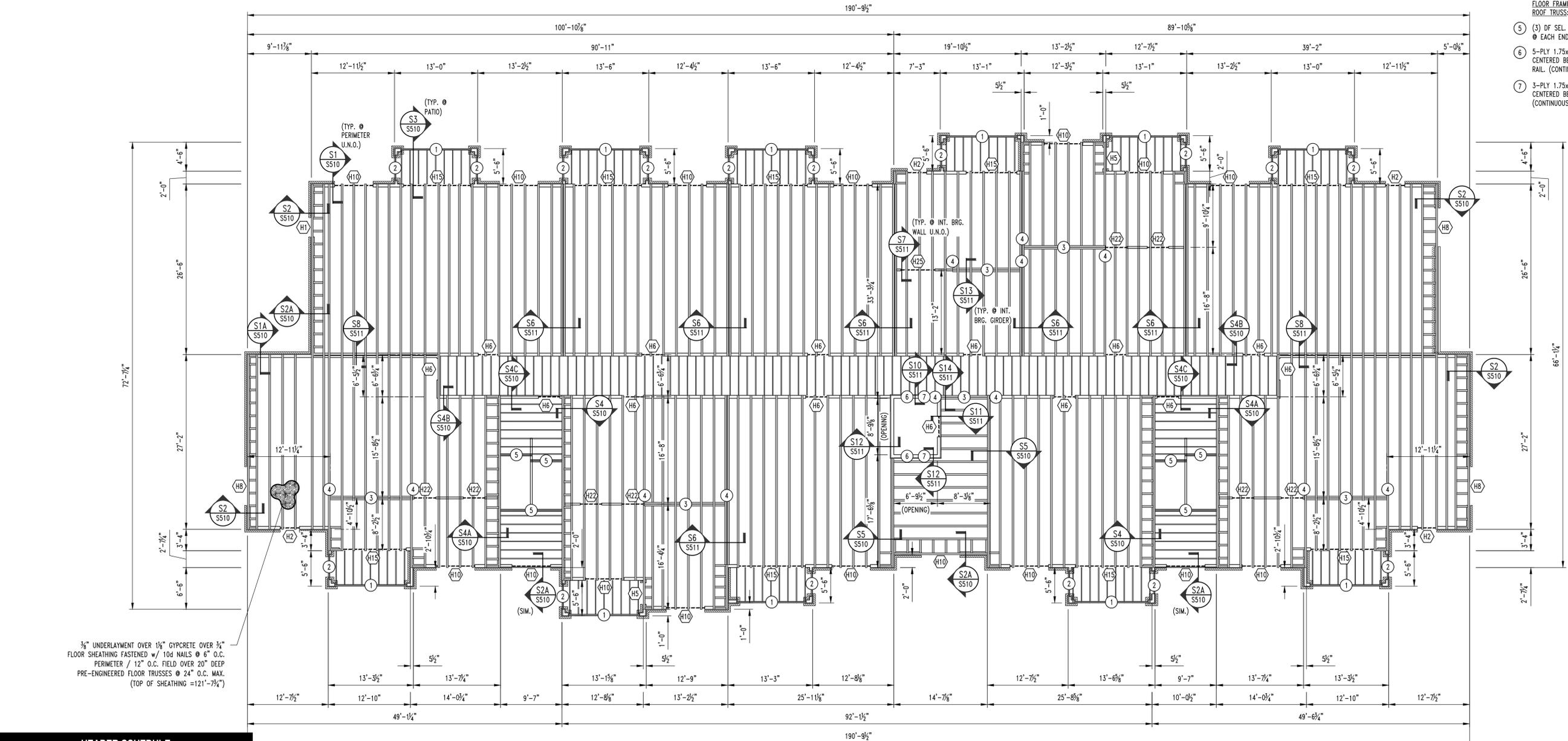
3RD FLOOR
FRAMING PLAN

DESIGNED: JWW
DRAWN: SEH
PROJECT NO.: 230286
SHEET: S400

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.
- GIRDER TRUSS
- 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
- (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")

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 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
"H21"	2 Ply 2x8 Doug Fr #2	Single Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H22"	2 Ply 2x8 Doug Fr #2	2 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H23"	2 Ply 2x8 Doug Fr #2	3 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H24"	2 Ply 2x10 Doug Fr Sel. Struct	2 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H25"	2 Ply 2x10 Doug Fr Sel. Struct	3 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H26"	2 Ply 2x10 Doug Fr 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

1 S400
APARTMENT BUILDING TYPE "B" 3RD FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"

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. N. High Blvd. #100
Columbia, Missouri 65205
(573) 447-0092
www.crockettengineering.com
Crockett Engineering Consultants, LLC
Missouri Certificate of Authority #200310301

CLIENT:
INTRINSIC DEVELOPMENT
3622 ENDEAVOR AVE.
COLUMBIA, MISSOURI

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

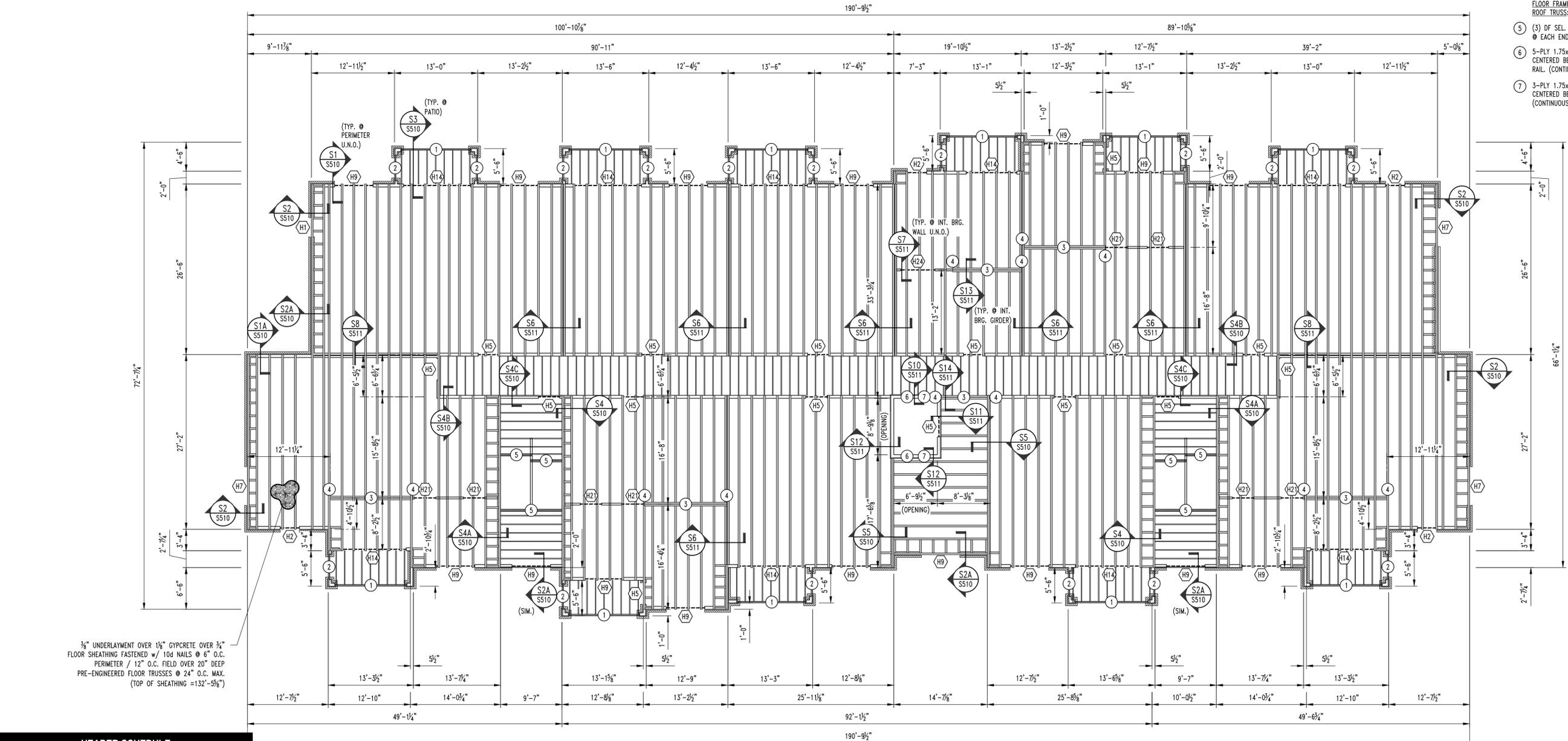
DRAWING INCLUDES:
4TH FLOOR FRAMING PLAN

DESIGNED: JWW
DRAWN: SEH
PROJECT NO.: 230286
SHEET: S500

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.
- GIRDER TRUSS
- 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
- (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.



3/4" 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 3/4")

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 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 ≤ 4'-0"	L4x4x3/8 WITH 6" BEARING EACH END
L ≤ 6'-6"	L6x4x3/8 (LLV) WITH 6" BEARING EACH END

APARTMENT BUILDING TYPE "B" 4TH FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"

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/ No.1/No.2 SPF 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 LITTP2
 FLOOR FRAMING STUD ATTACHMENT: SIMPSON MSTCS2
 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 HOIST 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. (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 #200210301

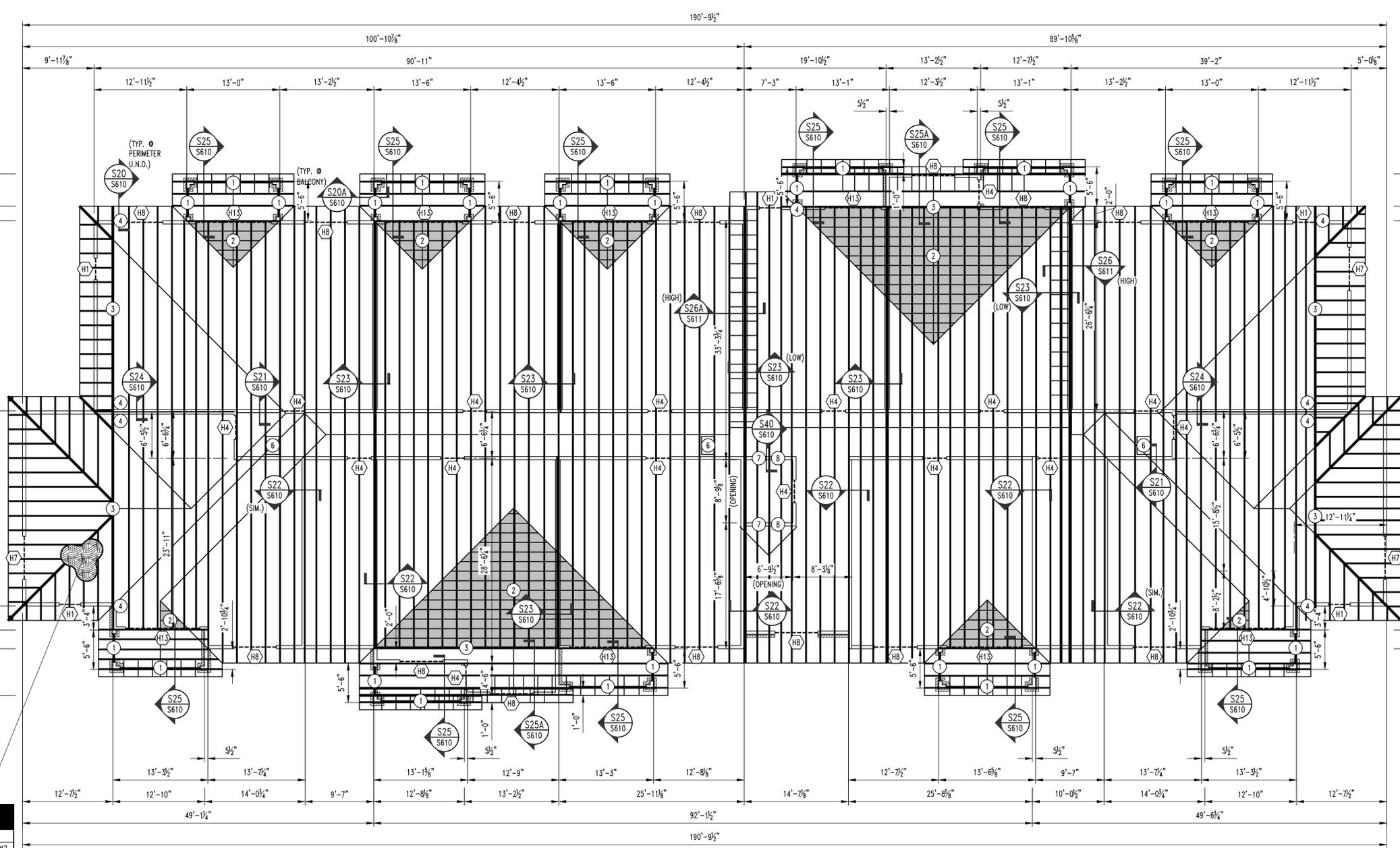
CLIENT:
INTRINSIC DEVELOPMENT
 3622 ENDAVOR AVE.
 COLUMBIA, MISSOURI

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

DRAWING INCLUDES:
 ROOF FRAMING PLAN

DESIGNED: JWW
 DRAWN: SEH
 PROJECT NO.: 230286
 SHEET: S600

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.



5/8" 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. = 141'-6 3/4")

HEADER SCHEDULE			
LABEL	HEADER	CRIPPLE/JACK	JAMB/IKING
"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
"H21"	2 Ply 2x8 Doug Fr #2	Single Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H22"	2 Ply 2x8 Doug Fr #2	2 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H23"	2 Ply 2x8 Doug Fr #2	3 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H24"	2 Ply 2x10 Doug Fr Sel. Struct	2 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H25"	2 Ply 2x10 Doug Fr Sel. Struct	3 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H26"	2 Ply 2x10 Doug Fr Sel. Struct	4 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2

APARTMENT BUILDING TYPE "B" ROOF FRAMING PLAN

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



1
S600

No.	Date
ISSUE SET	04/15/2025
AS1 #1	10/31/2025
AS1 #2	01/16/2026

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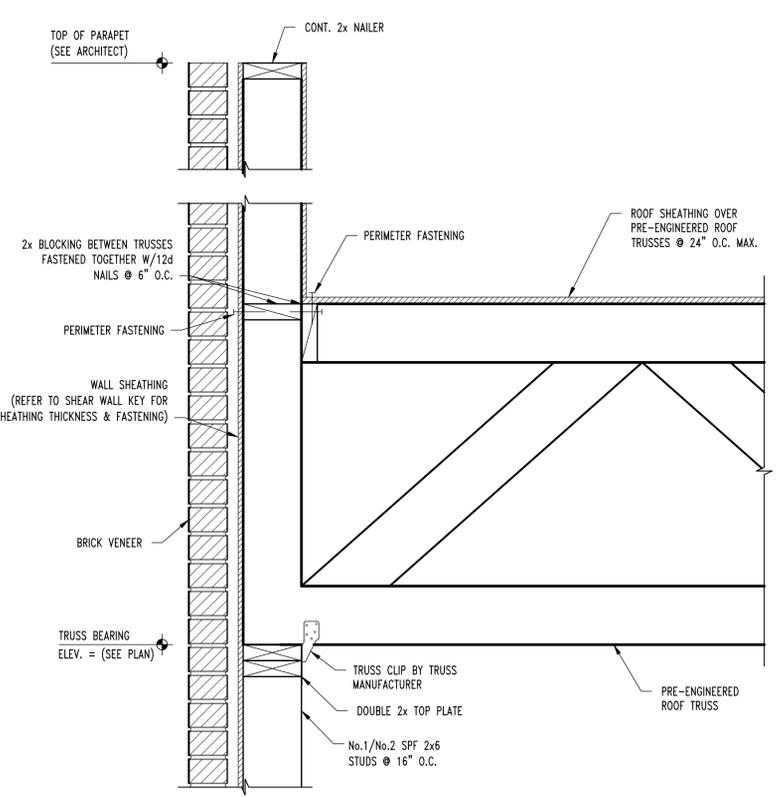
STRUCTURAL ENGINEER:
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 (573) 447-0992
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 COLUMBIA, MISSOURI

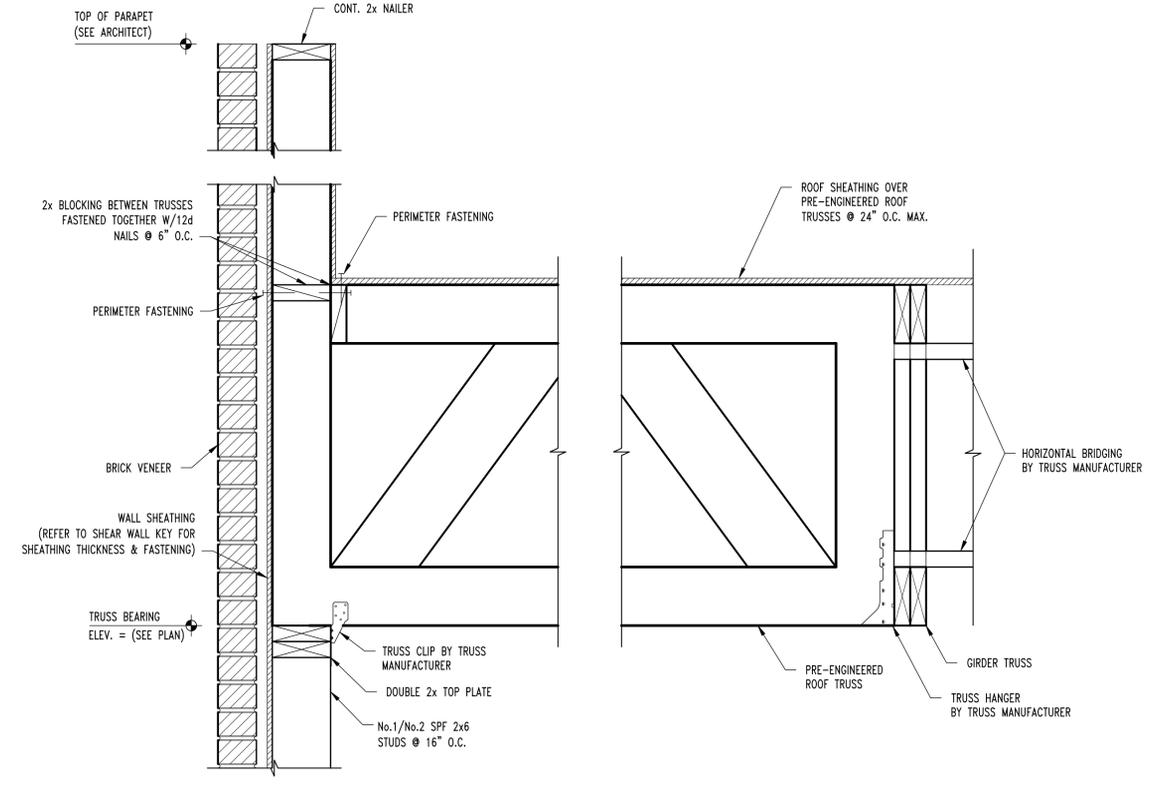
Alura Village Apartment Building Type "B"
 Lee's Summit, Jackson County, Missouri

DRAWING INCLUDES:
 ROOF FRAMING DETAILS

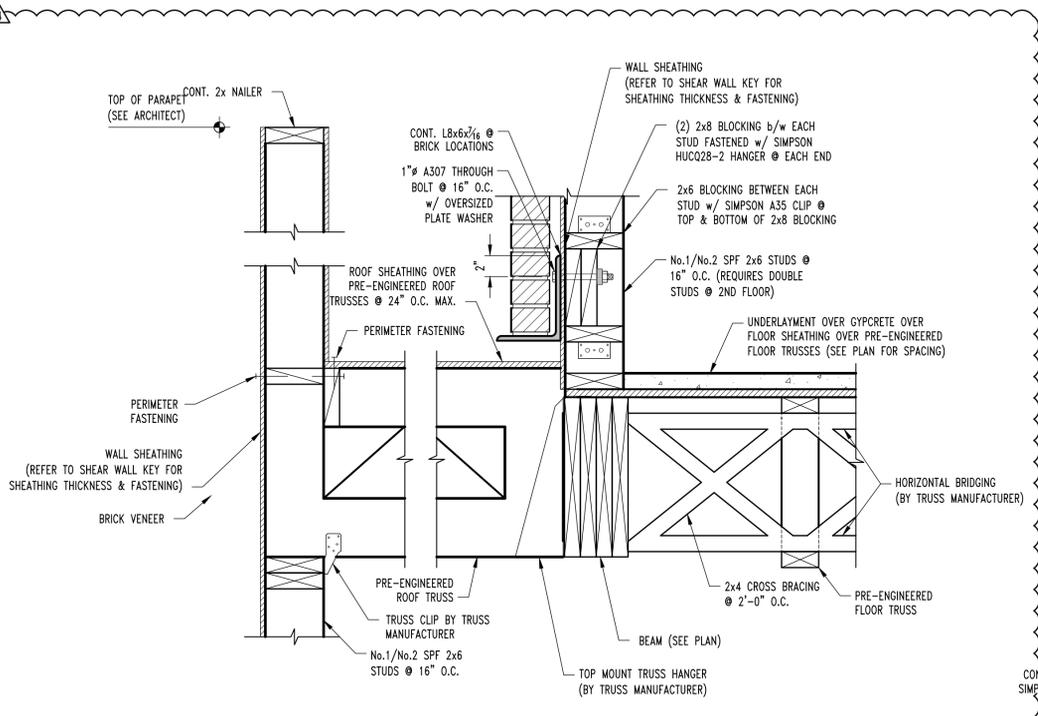
DESIGNED: JWW
 DRAWN: SEH
 PROJECT NO.: 230286
 SHEET: S612



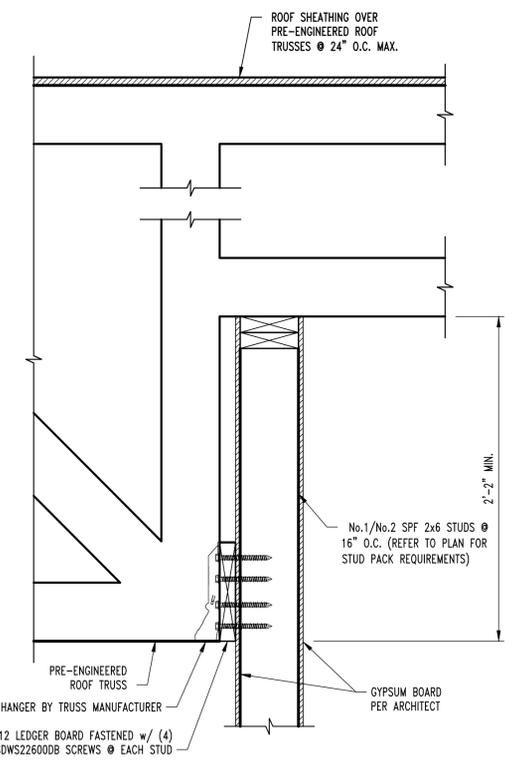
S30
S300
ROOF FRAMING SECTION
 SCALE: 1/2" = 1'-0"



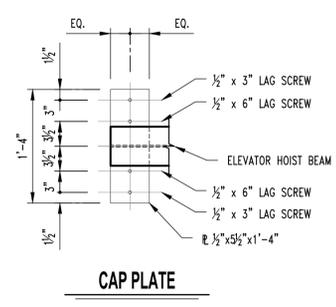
S31
S300
ROOF FRAMING SECTION
 SCALE: 1/2" = 1'-0"



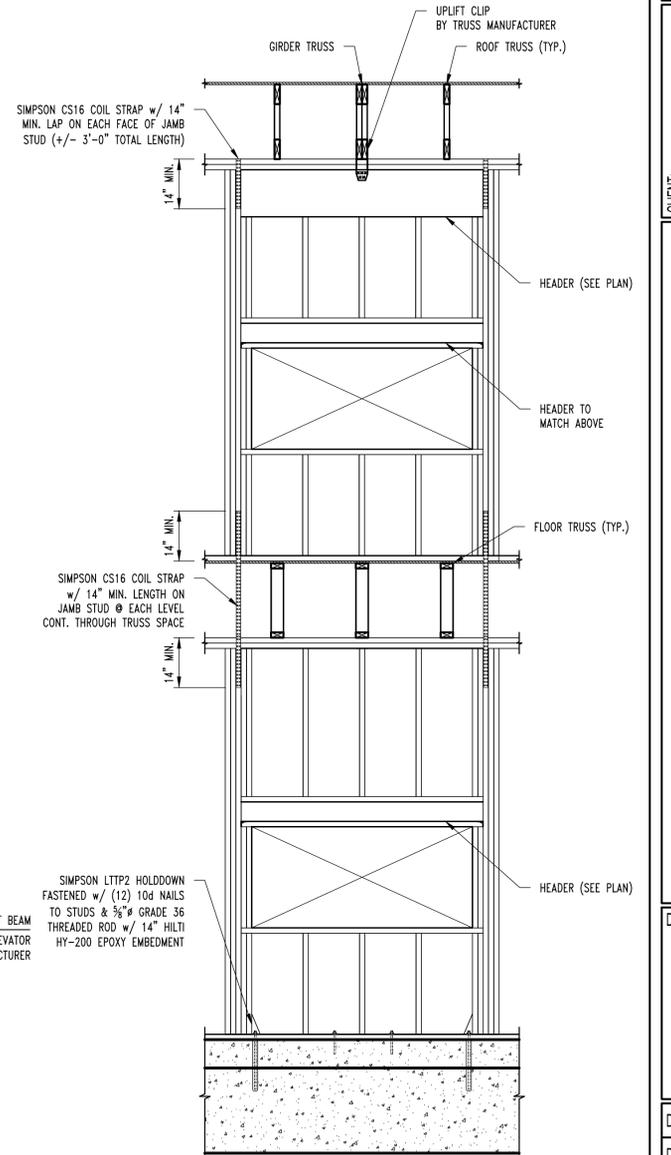
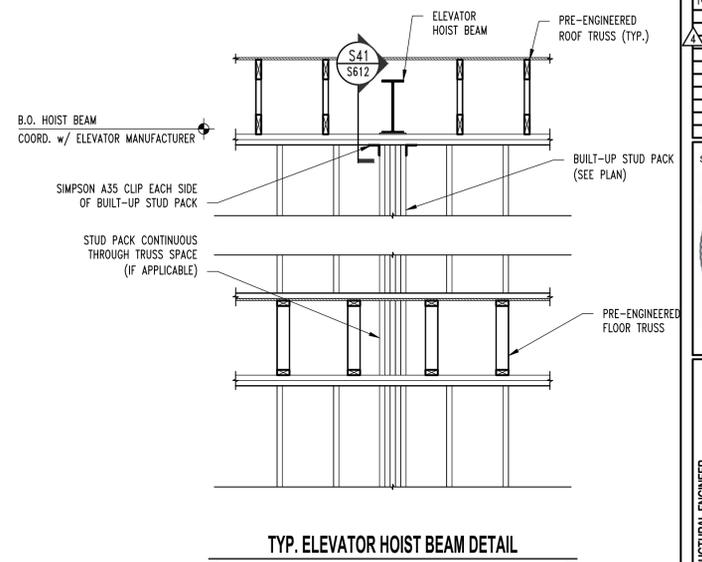
S35
S300
FRAMING SECTION
 SCALE: 1/2" = 1'-0"



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



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



TYP. MULTI-STORY GIRDER TO HEADER DETAIL

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