

# 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 IFB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |     |           |
| 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                                      |                                                              |                  |                       |                              |
| O.O.C                                                | COVER SHEET                                                  | 15 APR 2025      | 31 OCT 2025           | ASI #1                       |
| SPI.O.C                                              | SPECIFICATIONS                                               | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| SPI.1.C                                              | SPECIFICATIONS                                               | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| SPI.2.C                                              | SPECIFICATIONS                                               | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| SPI.3.C                                              | 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      | 15 APR 2025           | ISSUE SET                    |
| S210                                                 | FOUNDATION DETAILS                                           | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| S211                                                 | FOUNDATION DETAILS                                           | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| S300                                                 | 2ND FLOOR FRAMING PLAN                                       | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| S300A                                                | SHEAR WALL PLAN                                              | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| S400                                                 | 3RD FLOOR FRAMING PLAN                                       | 15 APR 2025      | 31 OCT 2025           | ASI #1                       |
| S500                                                 | 4TH FLOOR FRAMING PLAN                                       | 15 APR 2025      | 31 OCT 2025           | ASI #1                       |
| 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      | 15 APR 2025           | ISSUE SET                    |
| 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      | 31 OCT 2025           | ASI #1                       |
| 3 - ARCHITECTURAL                                    |                                                              |                  |                       |                              |
| A1.O.C                                               | FIRST FLOOR BUILDING PLAN                                    | 15 APR 2025      | 16 MAY 2025           | ADDENDUM #1                  |
| A1.1.C                                               | SECOND FLOOR BUILDING PLAN                                   | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A1.2.C                                               | THIRD FLOOR BUILDING PLAN                                    | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A1.3.C                                               | FOURTH FLOOR BUILDING PLAN                                   | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A1.4.C                                               | 1-BR UNIT DIMENSION PLANS, DOOR SCHEDULE, NOTES & WALL TYPES | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A1.5.C                                               | 2-BR UNIT DIMENSION PLANS                                    | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A1.6.C                                               | ENLARGED COMMON AREA DIMENSION PLANS                         | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A1.7.C                                               | 1-BR ACCESSIBILITY PLANS & NOTES                             | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A1.8.C                                               | 2-BR ACCESSIBILITY PLANS                                     | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A1.9.C                                               | ENLARGED COMMON AREA ACCESSIBILITY PLANS                     | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A2.O.C                                               | ROOF PLAN, DETAILS & NOTES                                   | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A3.O.C                                               | EXTERIOR ELEVATIONS                                          | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A3.1.C                                               | EXTERIOR ELEVATIONS                                          | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A4.O.C                                               | WALL SECTIONS                                                | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A4.1.C                                               | WALL SECTIONS                                                | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A4.2.C                                               | WALL SECTIONS                                                | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A4.3.C                                               | WALL SECTIONS                                                | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A4.4.C                                               | ELEVATOR WALL SECTIONS                                       | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A4.5.C                                               | STAIR SHAFT WALL SECTION & DETAILS                           | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A4.6.C                                               | FRAMING DETAILS                                              | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A4.7.C                                               | FRAMING DETAILS                                              | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A4.8.C                                               | FLASHING DETAILS                                             | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A5.O.C                                               | FIRE RATED ASSEMBLIES                                        | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A5.1.C                                               | FIRE RATED ASSEMBLIES                                        | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A5.2.C                                               | FIRE RATED ASSEMBLIES                                        | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A5.3.C                                               | FIRE RATED ASSEMBLIES                                        | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A5.4.C                                               | FIRE RATED ASSEMBLIES                                        | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A5.5.C                                               | FIRE RATED ASSEMBLIES                                        | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A5.6.C                                               | FIRE RATED ASSEMBLIES                                        | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A6.O.C                                               | 1-BR FINISH PLANS, FINISH SCHEDULE & NOTES                   | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A6.1.C                                               | 2-BR FINISH PLANS & FINISH SCHEDULE                          | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A6.2.C                                               | COMMON AREA FINISH PLANS & FINISH SCHEDULE                   | 15 APR 2025      | 16 MAY 2025           | ADDENDUM #1                  |
| A7.O.C                                               | INTERIOR ELEVATIONS NOTES AND DETAILS                        | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A7.1.C                                               | 1-BR INTERIOR ELEVATIONS                                     | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A7.2.C                                               | 1-BR INTERIOR ELEVATIONS                                     | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A7.3.C                                               | 2-BR INTERIOR ELEVATIONS                                     | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A7.4.C                                               | 2-BR INTERIOR ELEVATIONS                                     | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A8.O.C                                               | 1ST & 2ND FLOOR REFLECTED CEILING PLANS                      | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| A8.1.C                                               | 3RD & 4TH FLOOR REFLECTED CEILING PLANS                      | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| L51.O.C                                              | 1ST & 2ND FLOOR LIFE SAFETY PLANS                            | 15 APR 2025      | 15 APR 2025           | ISSUE SET                    |
| L51.1.C                                              | 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 #1.

### 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: \_\_\_\_\_

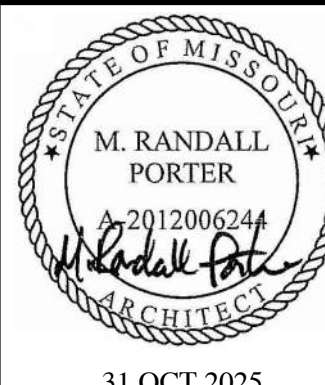
OWNER: THE VILLAGE AT DISCOVERY PARK, LLC  
3622 ENDEAVOR AVE., STE. 101, COLUMBIA, MO 65201  
BY: \_\_\_\_\_ DATE: \_\_\_\_\_

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 #1



31 OCT 2025  
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  
31 OCT 2025 ASI #1

0.O.C

JOB NO.  
4938

1/5/2025 9:28:54 PM



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) 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 LITTP2.  
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)

REVISIONS:

| No.       | Date       |
|-----------|------------|
| ISSUE SET | 04/15/2025 |
| ASI #1    | 10/31/2025 |
|           |            |
|           |            |
|           |            |
|           |            |

THIS SHEET HAS BEEN SIGNED,  
SEALED AND DATED ELECTRONICALLY



STRUCTURAL ENGINEER:  
**CROCKETT**  
ENGINEERING CONSULTANTS  
1000 W. Nifong Blvd. Suite 1  
Columbia, Missouri 65203  
(573) 447-0992  
www.crockettengineering.com  
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:

3RD FLOOR  
FRAMING PLAN

DESIGNED: JWV

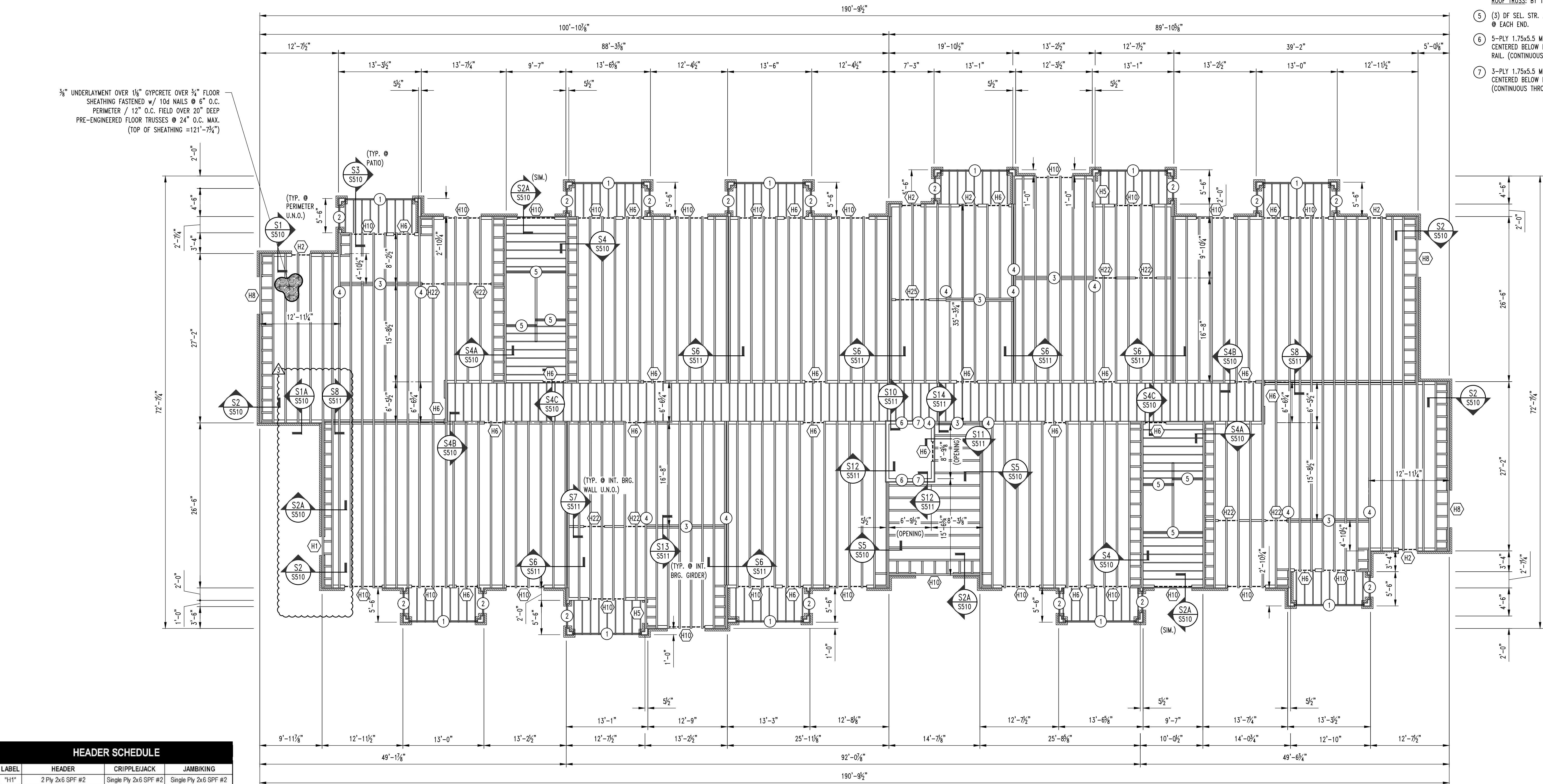
DRAWN: SEH

PROJECT NO.: 230286

SHEET:  
S400

| HEADER SCHEDULE |                                  |                       |                       |
|-----------------|----------------------------------|-----------------------|-----------------------|
| LABEL           | HEADER                           | CRIPPLE/JACK          | JAMBU/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      |

| 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 "C" 3RD FLOOR FRAMING PLAN

SCALE: 1/8" = 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.

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- (1) (3) TREATED So. PINE No.2 2x12's w/  
2-PLY BUILT-UP POST @ EACH END.
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- (3) GIRDER TRUSS
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CONNECTIONS ARE AS FOLLOWS:  
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FLOOR FRAMING STUD ATTACHMENT: SIMPSON MSTC52  
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- (5) DF SEL. STR. 2x12's w/ 3-PLY BUILT-UP POST  
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(CONTINUOUS THROUGH FLOOR FRAMING)

REVISIONS:

| No.       | Date       |
|-----------|------------|
| ISSUE SET | 04/15/2025 |
| ASI #1    | 10/31/2025 |
|           |            |
|           |            |
|           |            |
|           |            |

THIS SHEET HAS BEEN SIGNED,  
SEALED AND DATED ELECTRONICALLY



STRUCTURAL ENGINEER:  
**CROCKETT**  
ENGINEERING CONSULTANTS  
1000 W. Nifong Blvd. Suite 1  
Columbia, Missouri 65203  
(573) 447-0992  
www.crockettengineering.com  
Crockett Engineering Consultants, LLC  
Missouri Certificate of Authority  
#200101001

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: JWW

DRAWN: SEH

PROJECT NO.: 230286

SHEET:

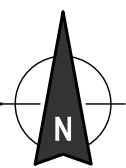
S500

| HEADER SCHEDULE |                                  |                       |                       |
|-----------------|----------------------------------|-----------------------|-----------------------|
| LABEL           | HEADER                           | CRIPPLE/JACK          | JAMBU/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      |

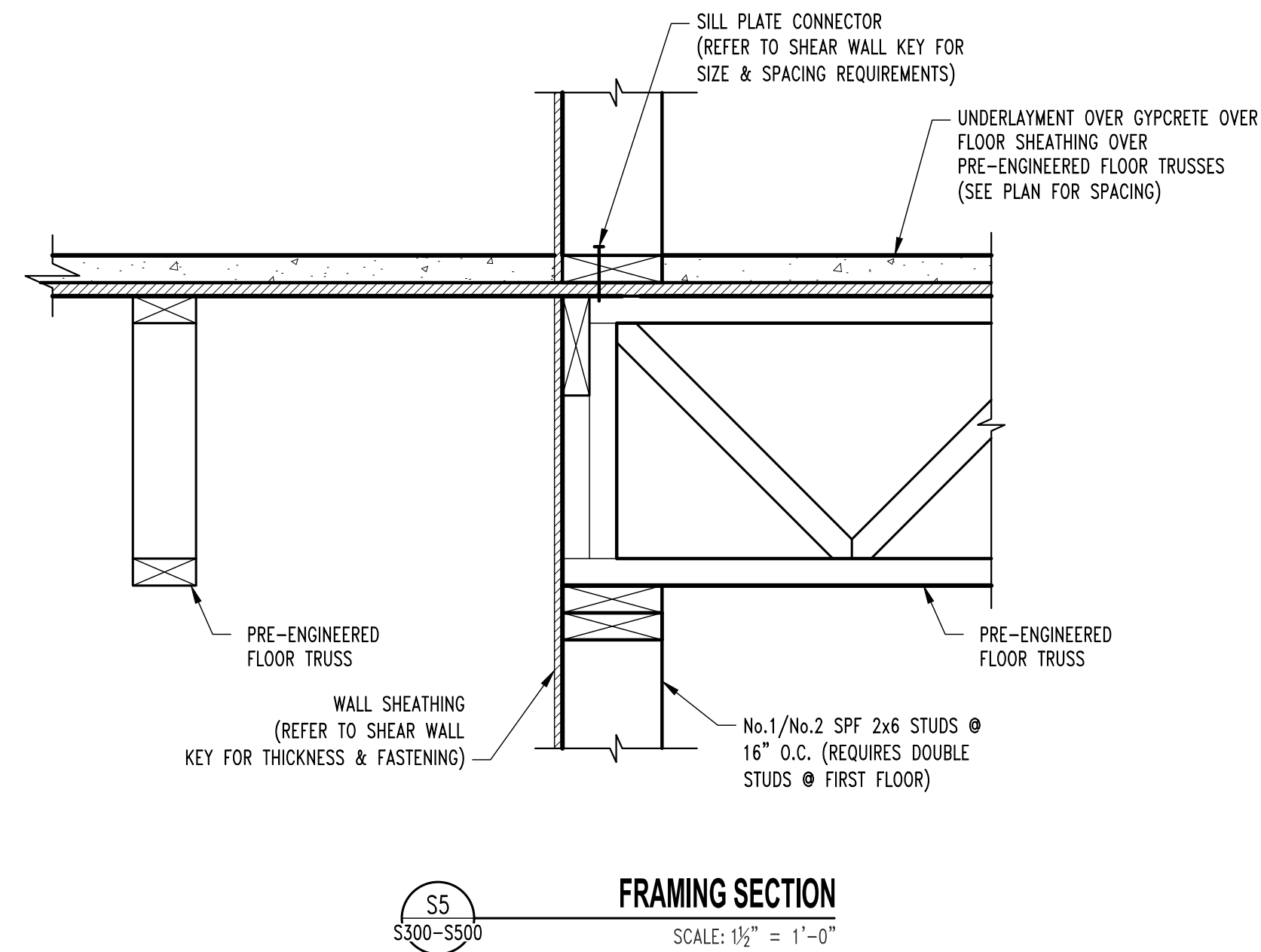
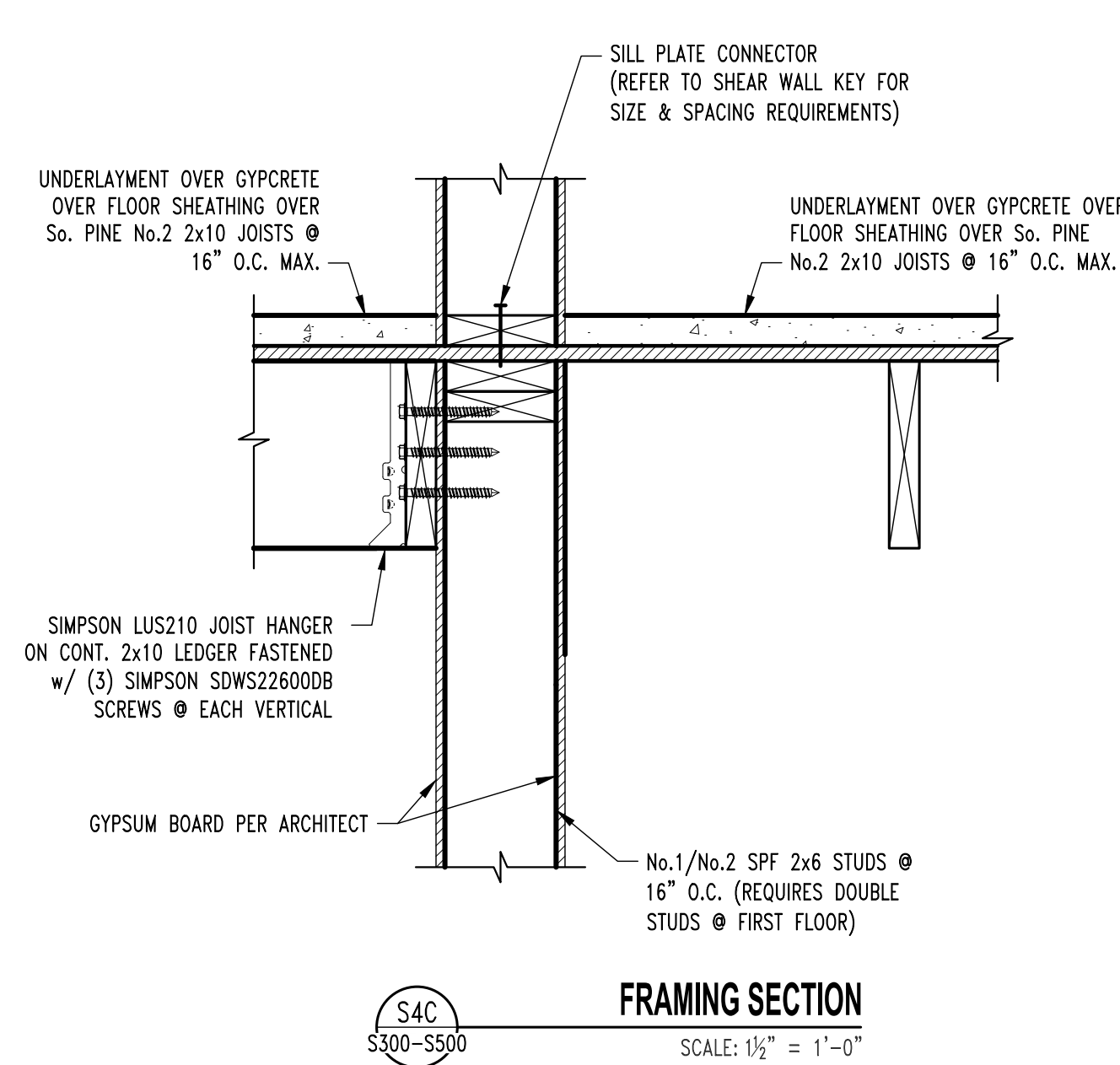
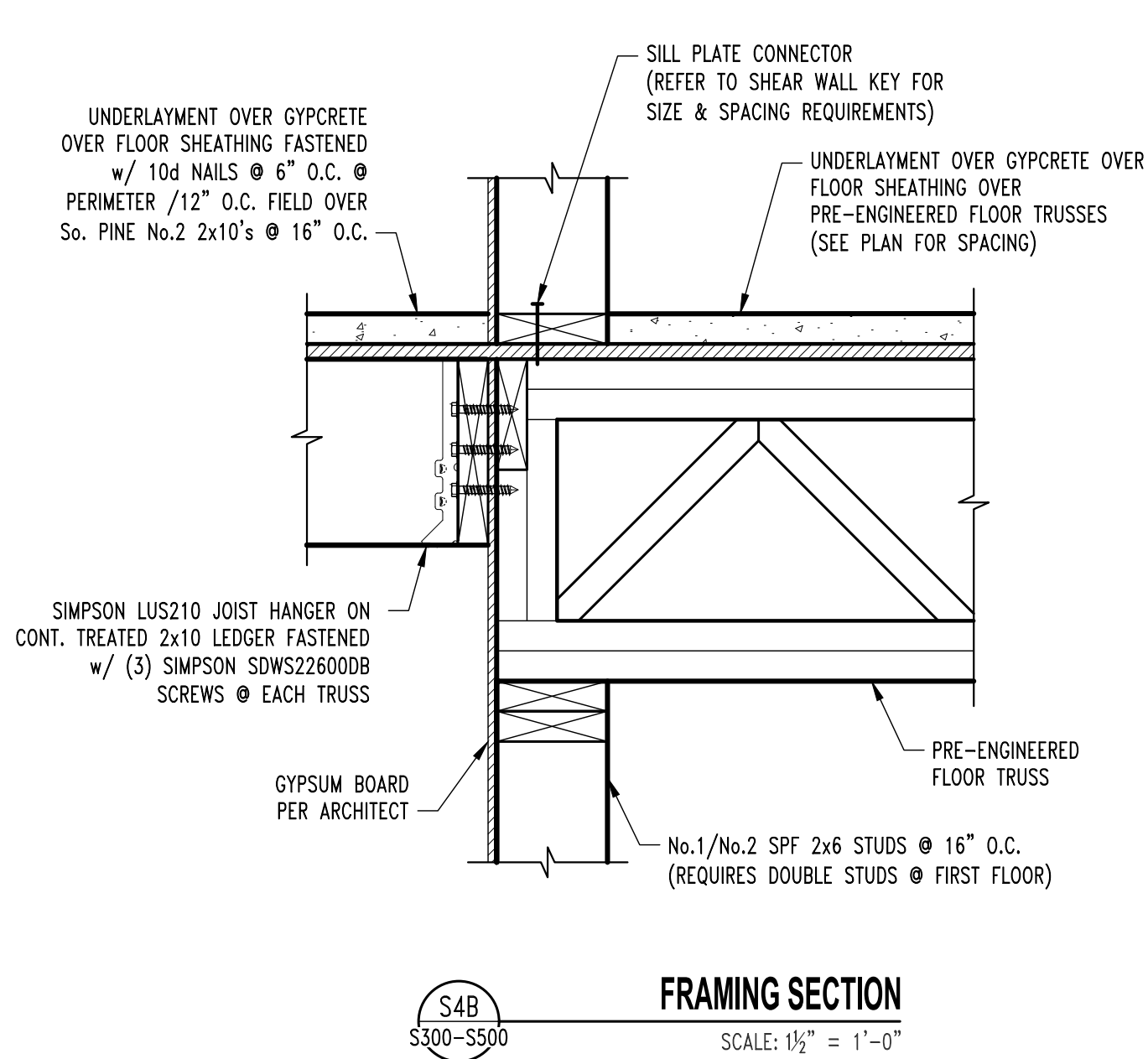
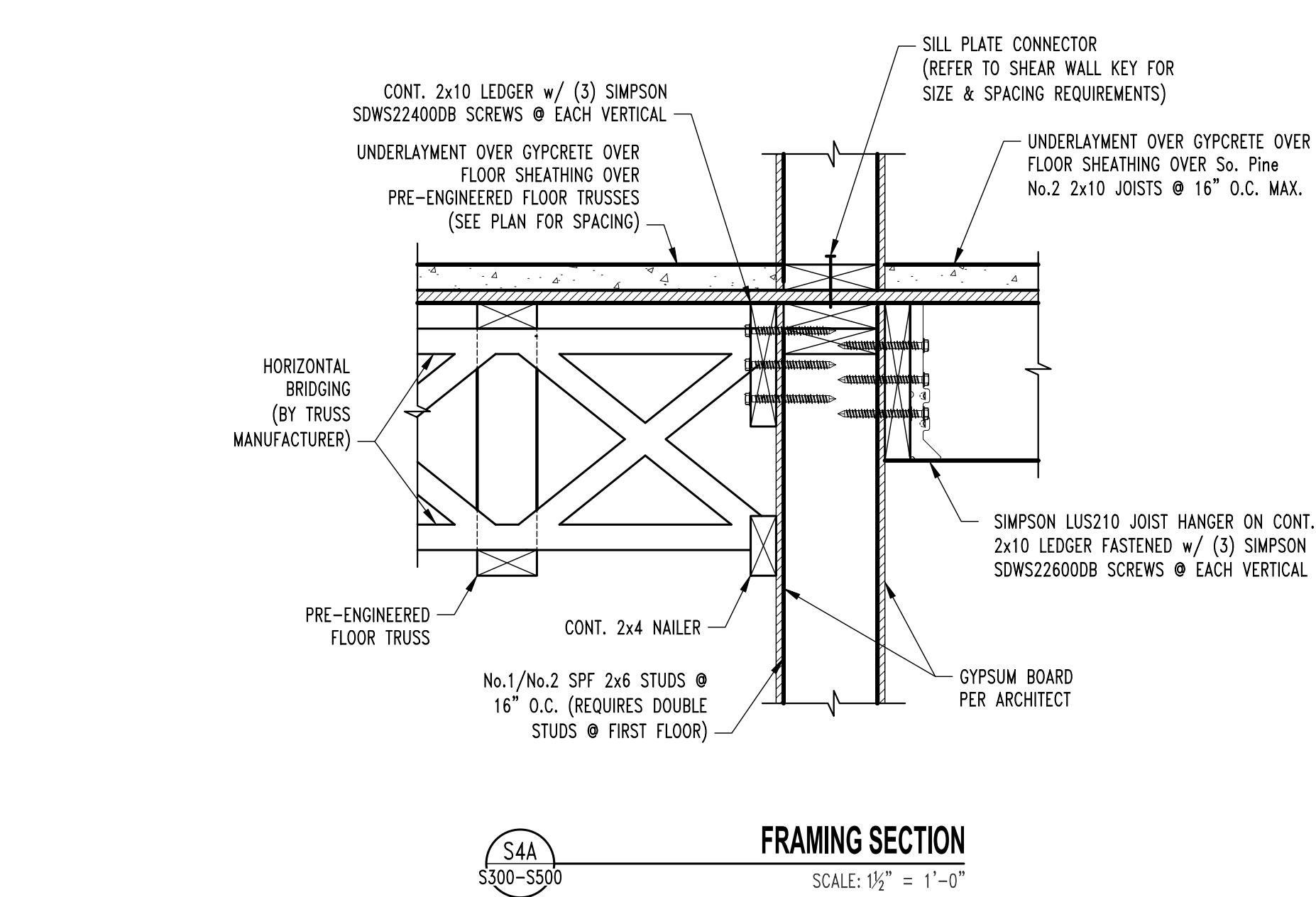
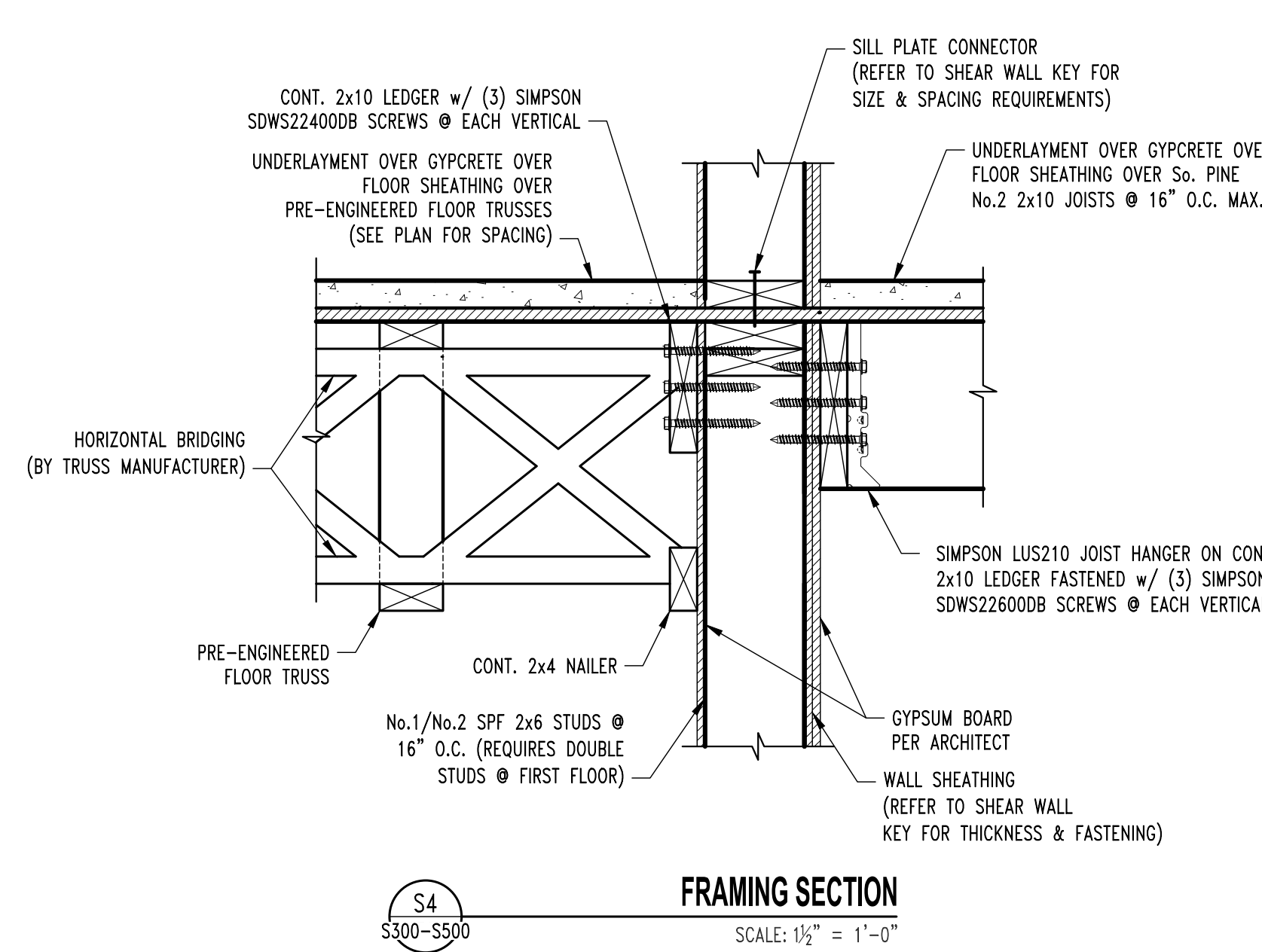
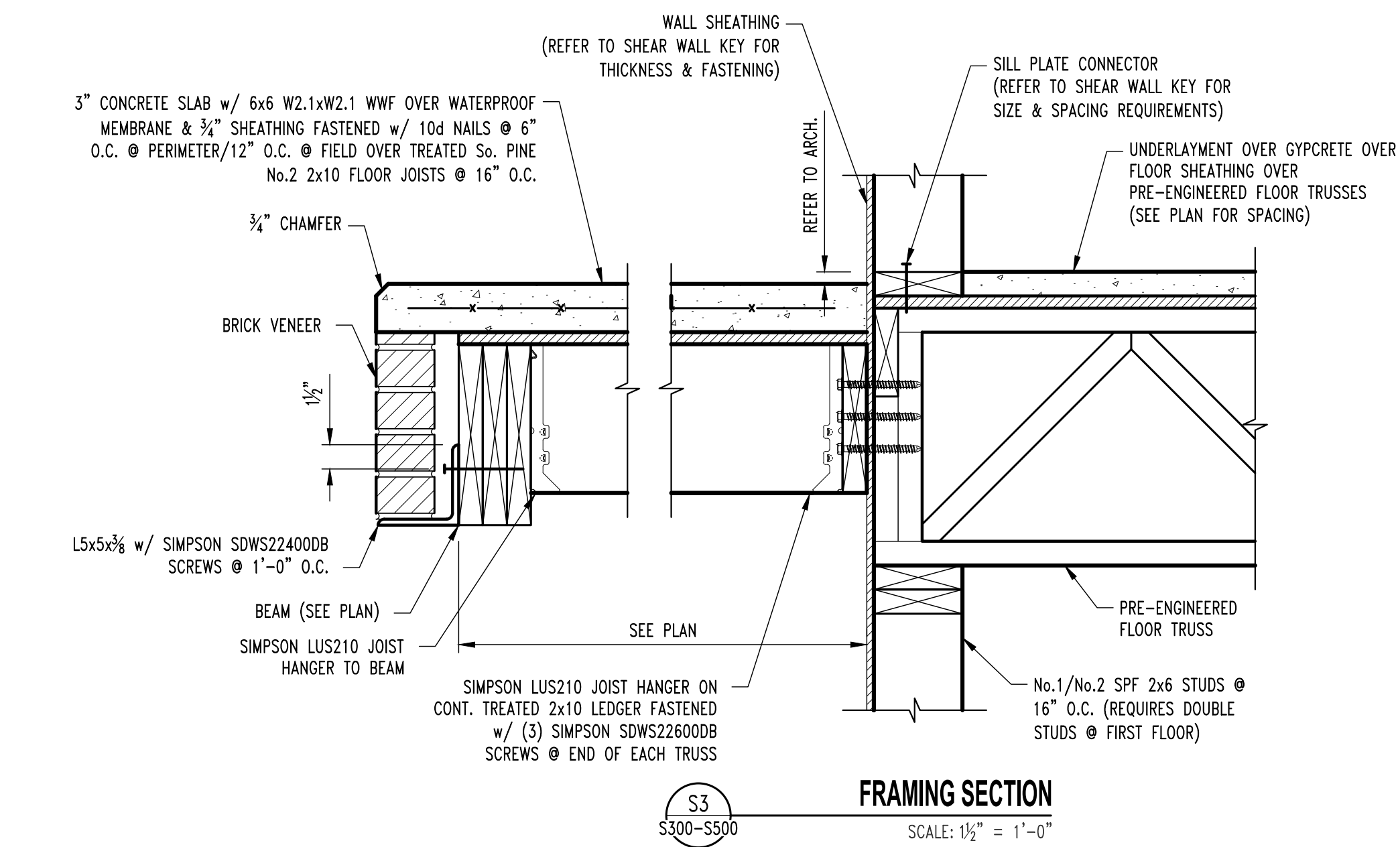
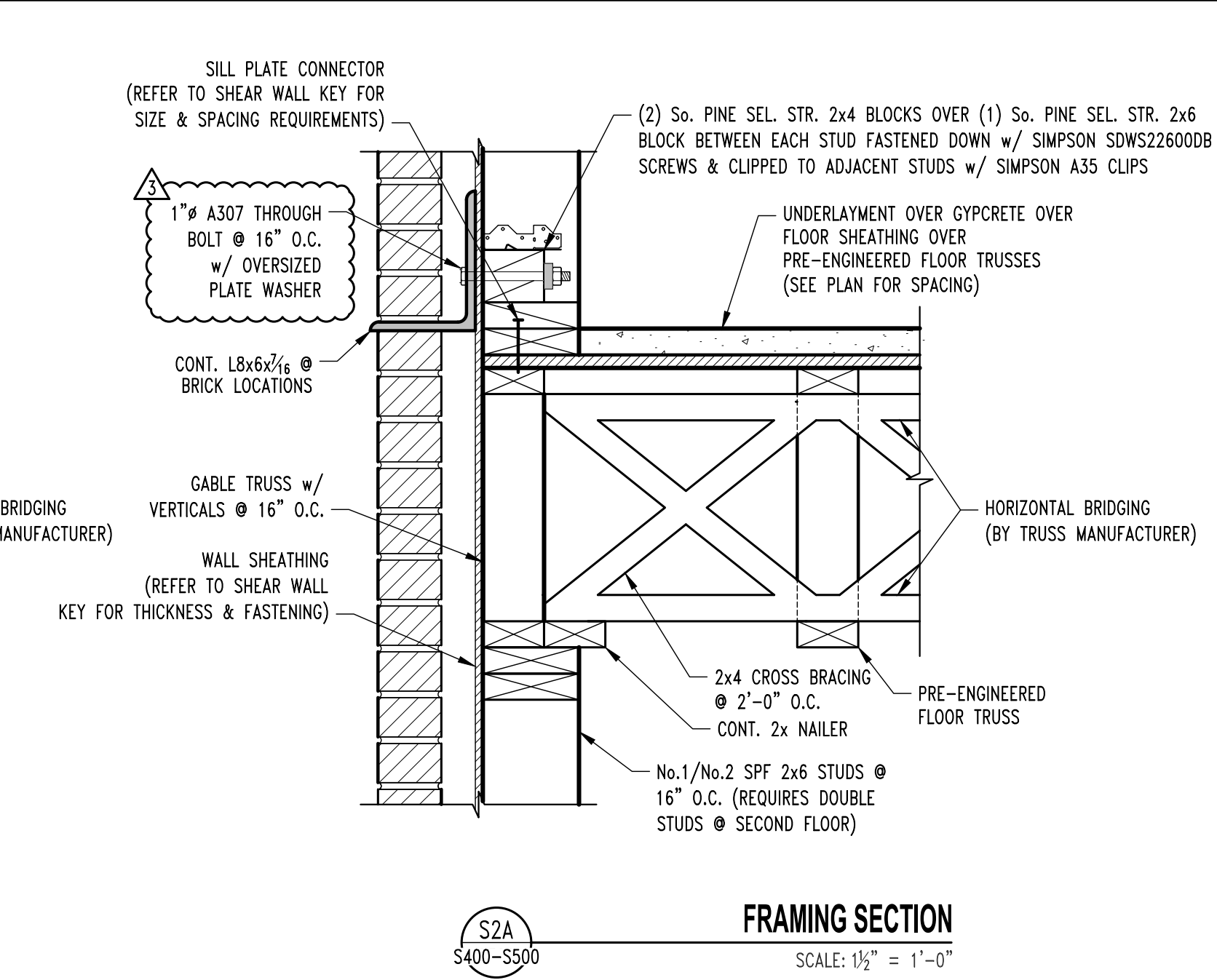
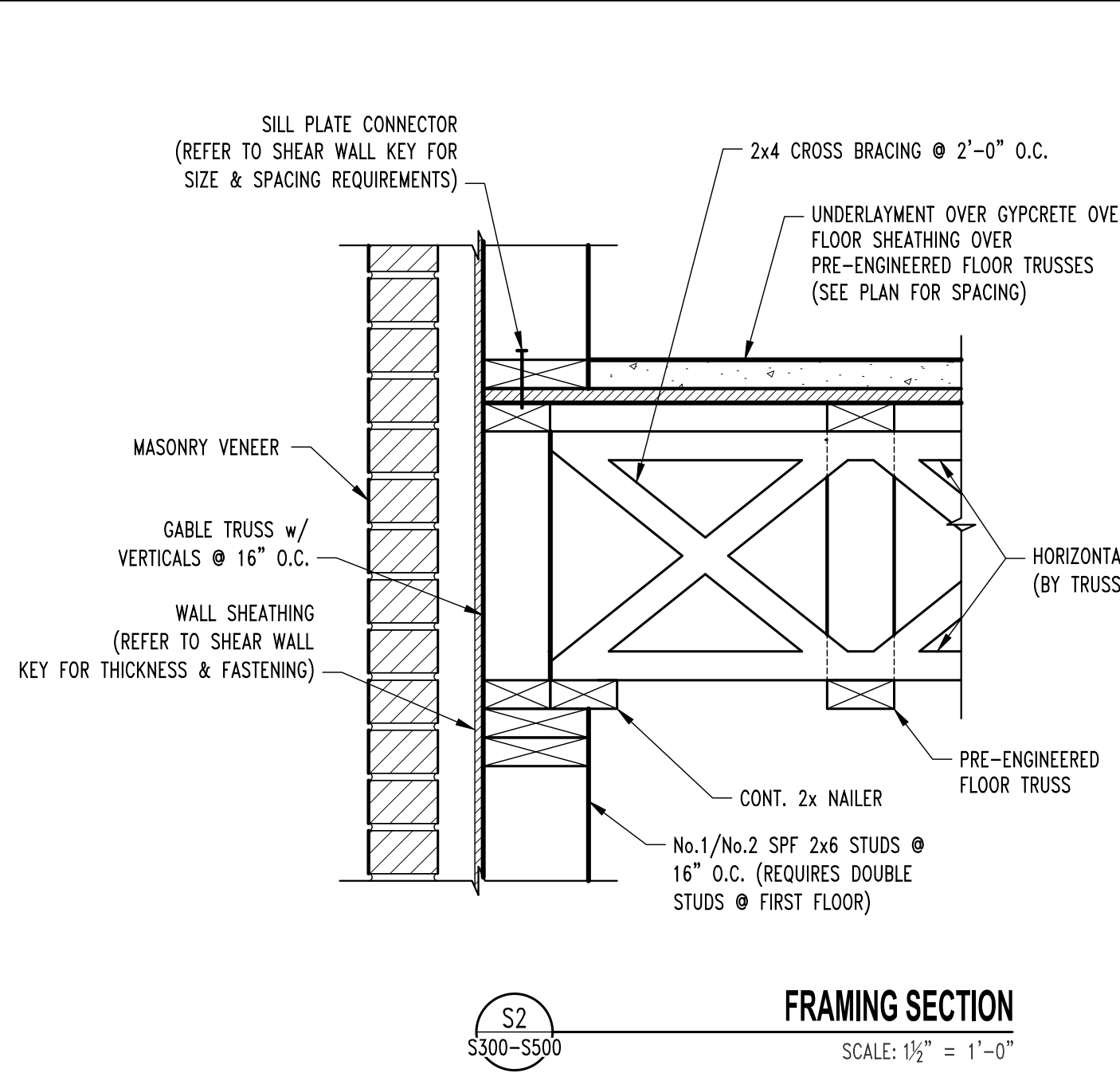
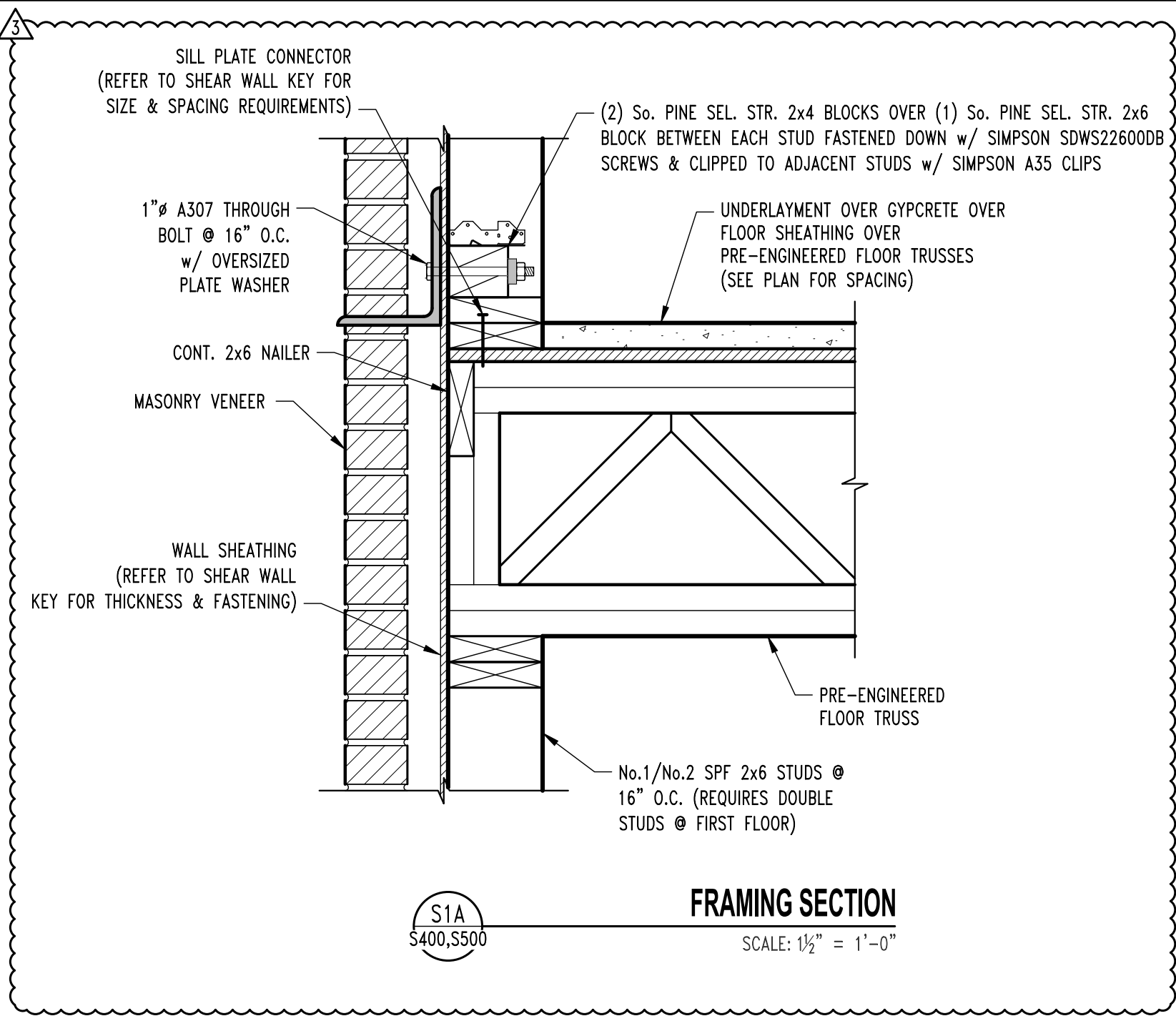
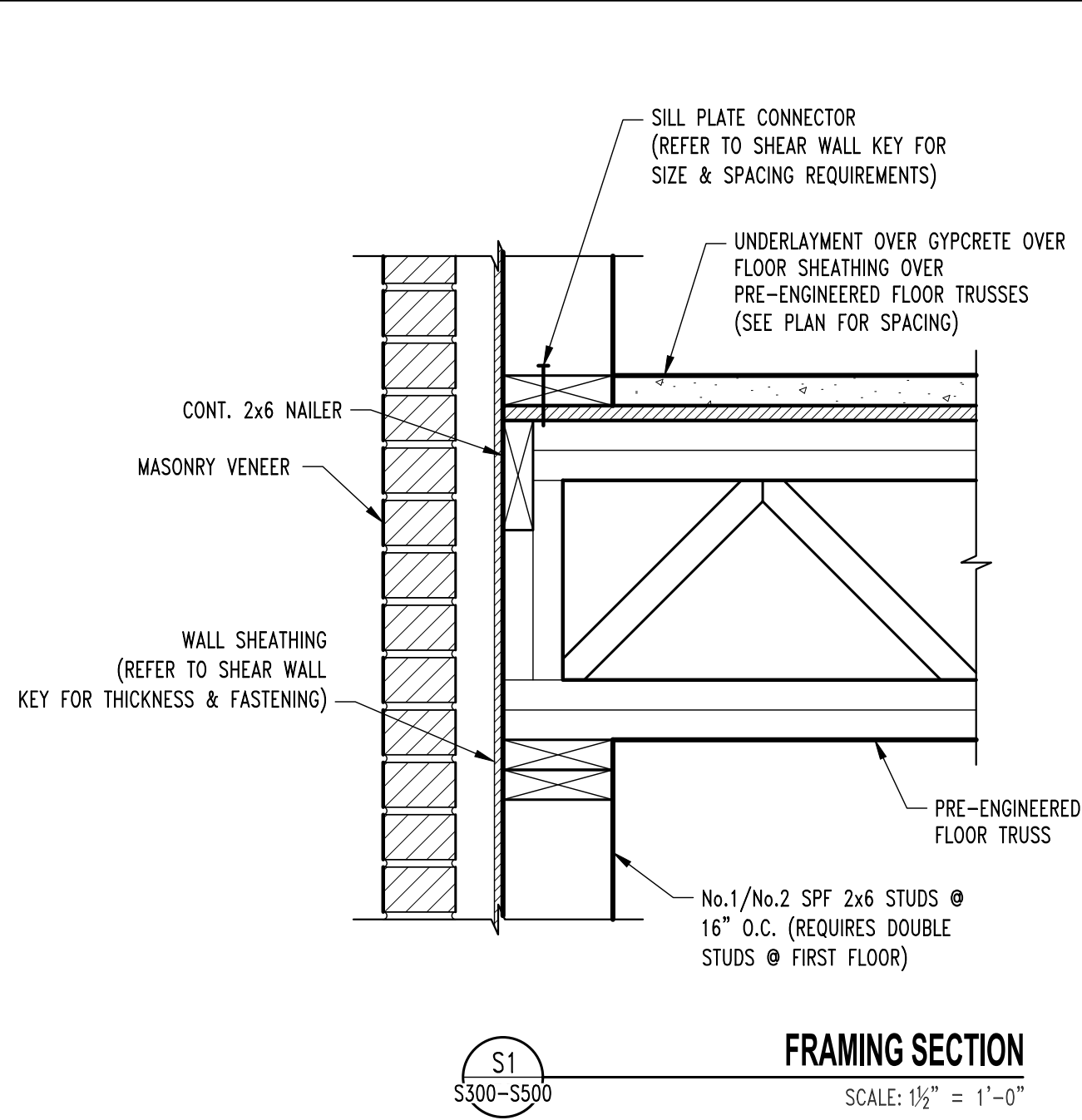
| BRICK LINTEL SCHEDULE |                                         |
|-----------------------|-----------------------------------------|
| LENGTH                | MEMBER SIZE (GALVANIZED)                |
| L ≤ 4'-0"             | L4x4x3/8 WITH 6" BEARING EACH END       |
| L ≤ 6'-6"             | L6x4x3/8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

APARTMENT BUILDING TYPE "C" 4TH FLOOR FRAMING PLAN

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

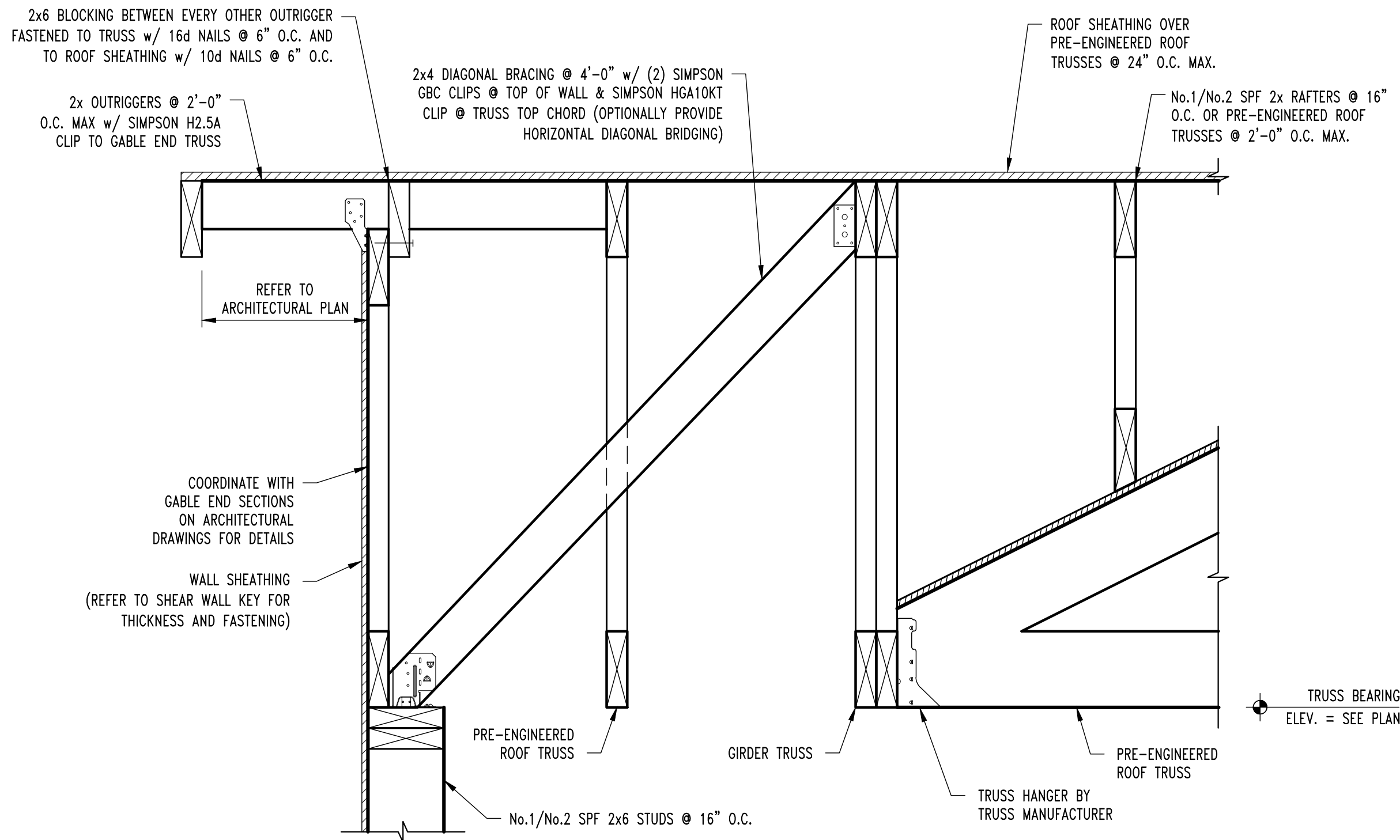






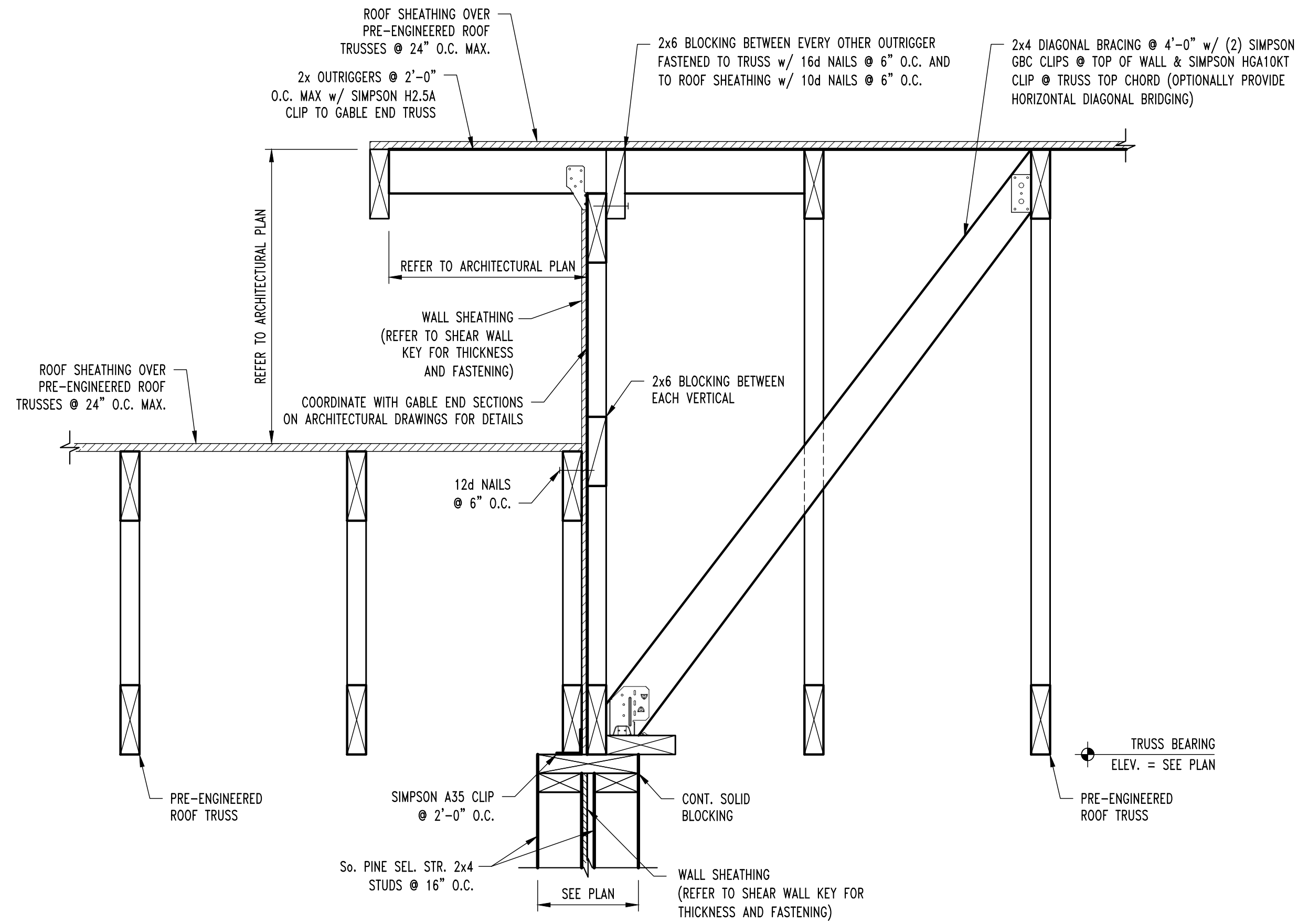
| REVISIONS:                                                                                                                                                                                                                                                                       |                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| No.                                                                                                                                                                                                                                                                              | Date                 |
| 1                                                                                                                                                                                                                                                                                | ISSUE SET 04/15/2025 |
| 2                                                                                                                                                                                                                                                                                | ASI #1 10/31/2025    |
|                                                                                                                                                                                                                                                                                  |                      |
|                                                                                                                                                                                                                                                                                  |                      |
|                                                                                                                                                                                                                                                                                  |                      |
|                                                                                                                                                                                                                                                                                  |                      |
|                                                                                                                                                                                                                                                                                  |                      |
| THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.                                                                                                                                                                                                                     |                      |
|                                                                                                                                                                                                                                                                                  |                      |
| <b>STRUCTURAL ENGINEER:</b><br><b>CROCKETT</b><br>ENGINEERING CONSULTANTS<br>1000 W. Nifong Blvd., Suite 1<br>Columbia, Missouri 65203<br>(573) 447-0992<br>www.crockettengineering.com<br>Crockett Engineering Consultants, LLC<br>Missouri Certificate of Authority #200301001 |                      |
| <b>CLIENT:</b><br><b>INTRINSIC DEVELOPMENT</b><br>3632 ENCLAVOR AVE.<br>COLUMBIA, MISSOURI                                                                                                                                                                                       |                      |
| <b>Alura Village Apartment Building Type "C"</b><br><br>Lee's Summit, Jackson County, Missouri                                                                                                                                                                                   |                      |
| <b>DRAWING INCLUDES:</b><br><br>FLOOR FRAMING DETAILS                                                                                                                                                                                                                            |                      |
| <b>DESIGNED:</b> JWV                                                                                                                                                                                                                                                             |                      |
| <b>DRAWN:</b> SEH                                                                                                                                                                                                                                                                |                      |
| <b>PROJECT NO.:</b> 230286                                                                                                                                                                                                                                                       |                      |
| <b>SHEET:</b> S510                                                                                                                                                                                                                                                               |                      |





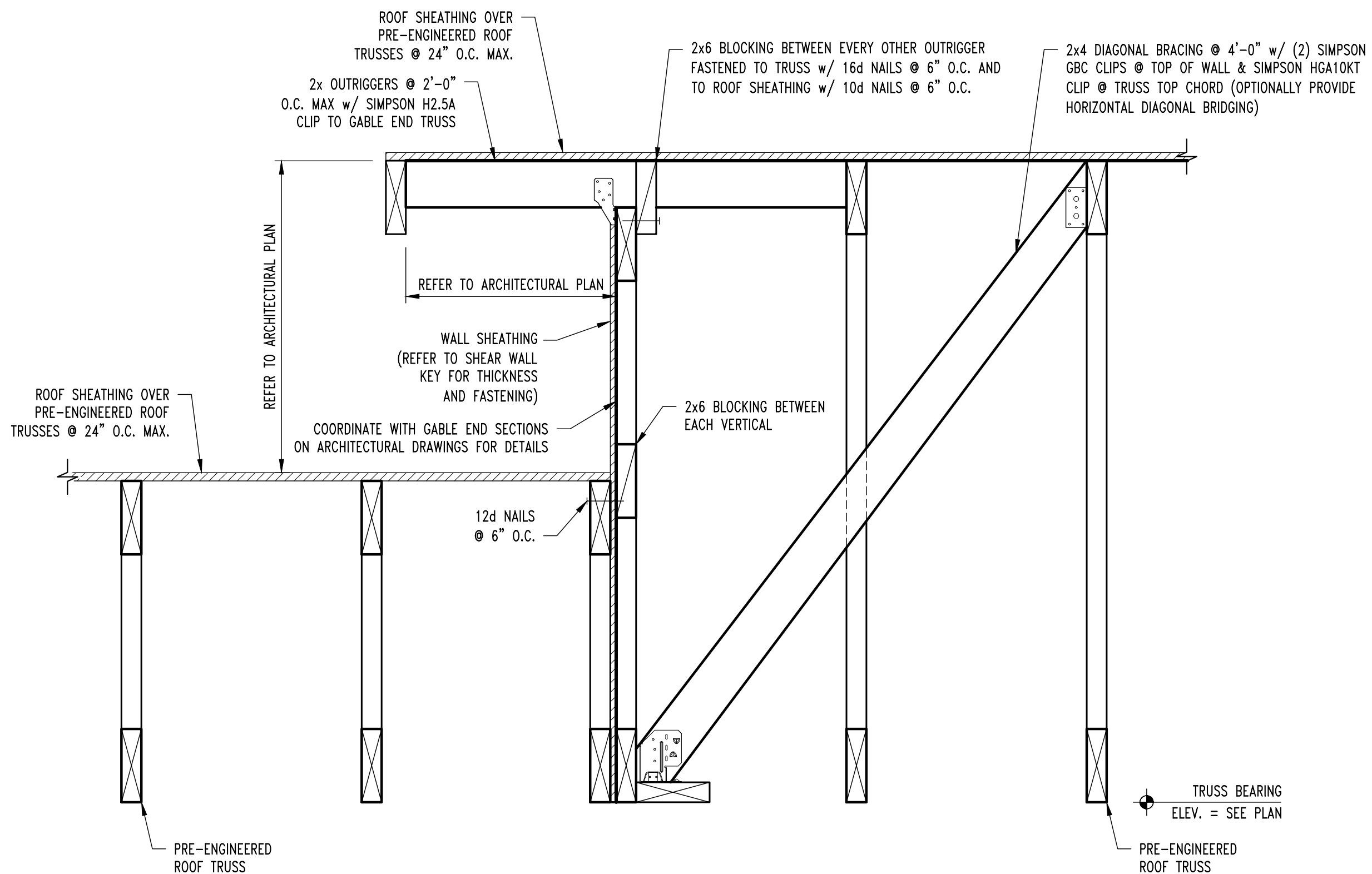
**S25A**  
S600

**TYP. ROOF FRAMING SECTION**  
SCALE: 1½" = 1'-0"



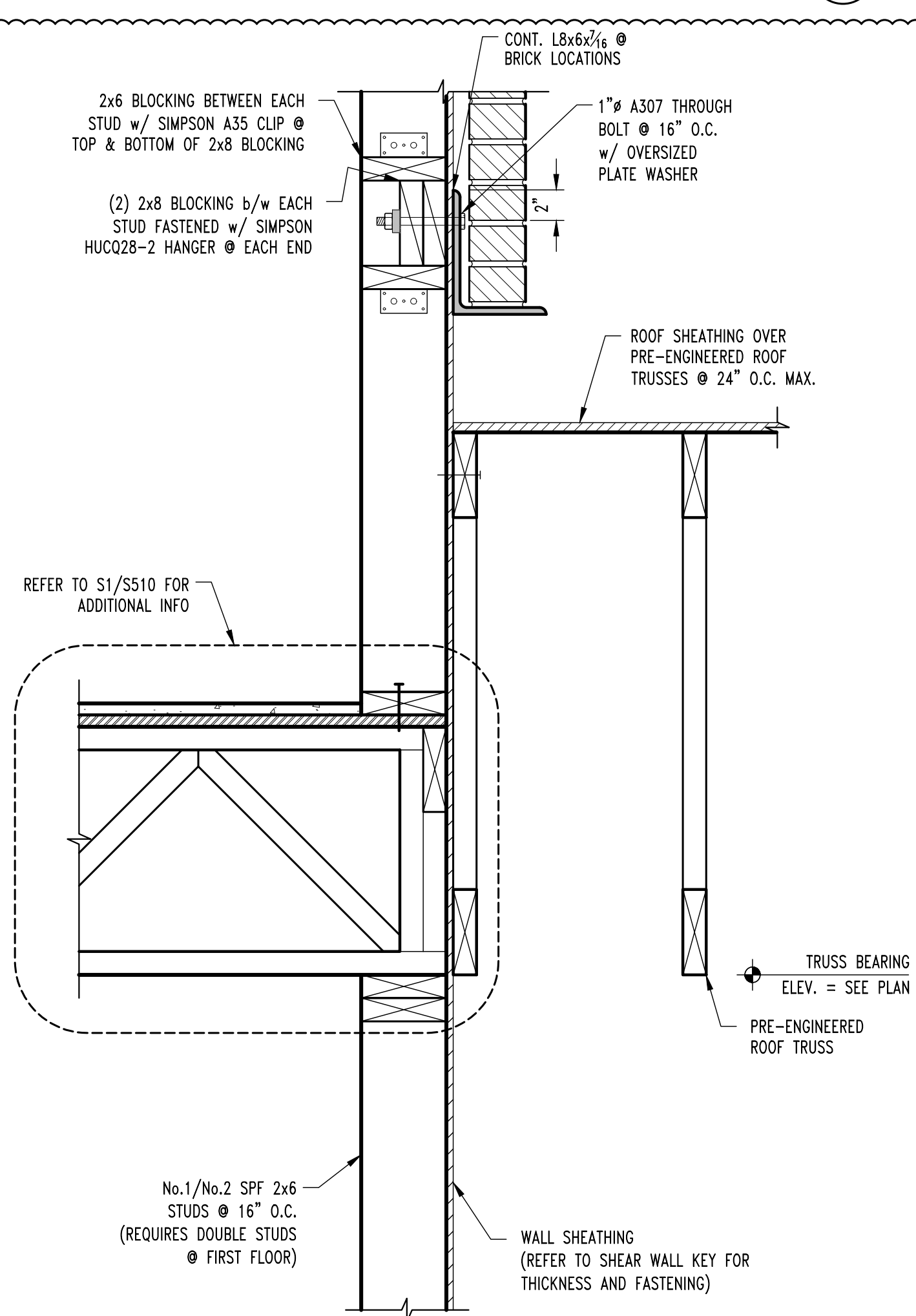
**S26**  
S600

**ROOF FRAMING SECTION**  
SCALE: 1½" = 1'-0"



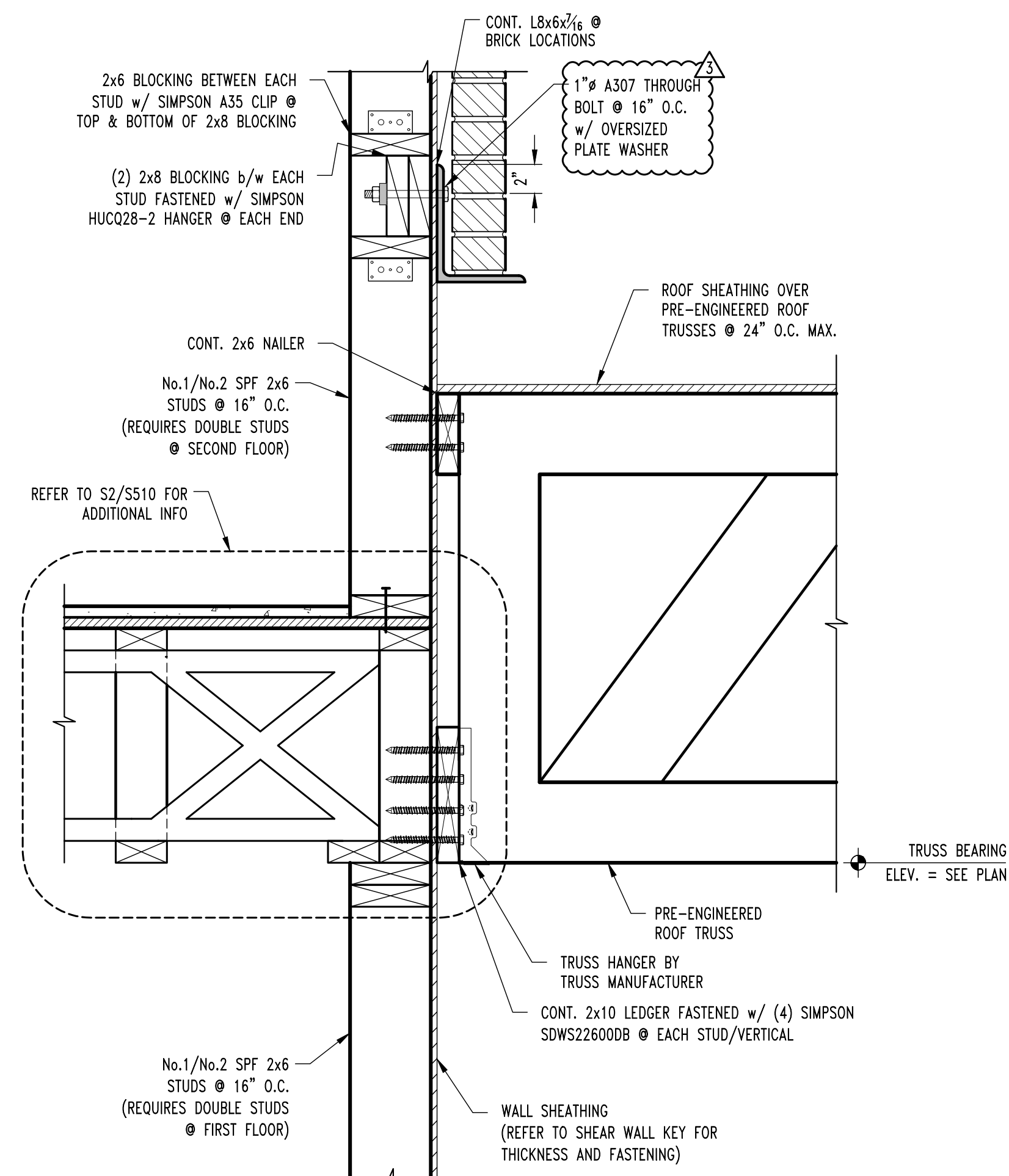
**S26A**  
S600

**ROOF FRAMING SECTION**  
SCALE: 1½" = 1'-0"



**S28**  
S300

**TYP. LOW ROOF FRAMING SECTION**  
SCALE: 1½" = 1'-0"



**S29**  
S300

**TYP. LOW ROOF FRAMING SECTION**  
SCALE: 1½" = 1'-0"

REVISIONS:

| No. | Date       |
|-----|------------|
| 1   | 04/15/2025 |
| 2   | 10/31/2025 |
| 3   |            |
| 4   |            |
| 5   |            |
| 6   |            |
| 7   |            |
| 8   |            |
| 9   |            |
| 10  |            |

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.



STRUCTURAL ENGINEER:  
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www.crockettengineering.com  
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:

ROOF FRAMING DETAILS

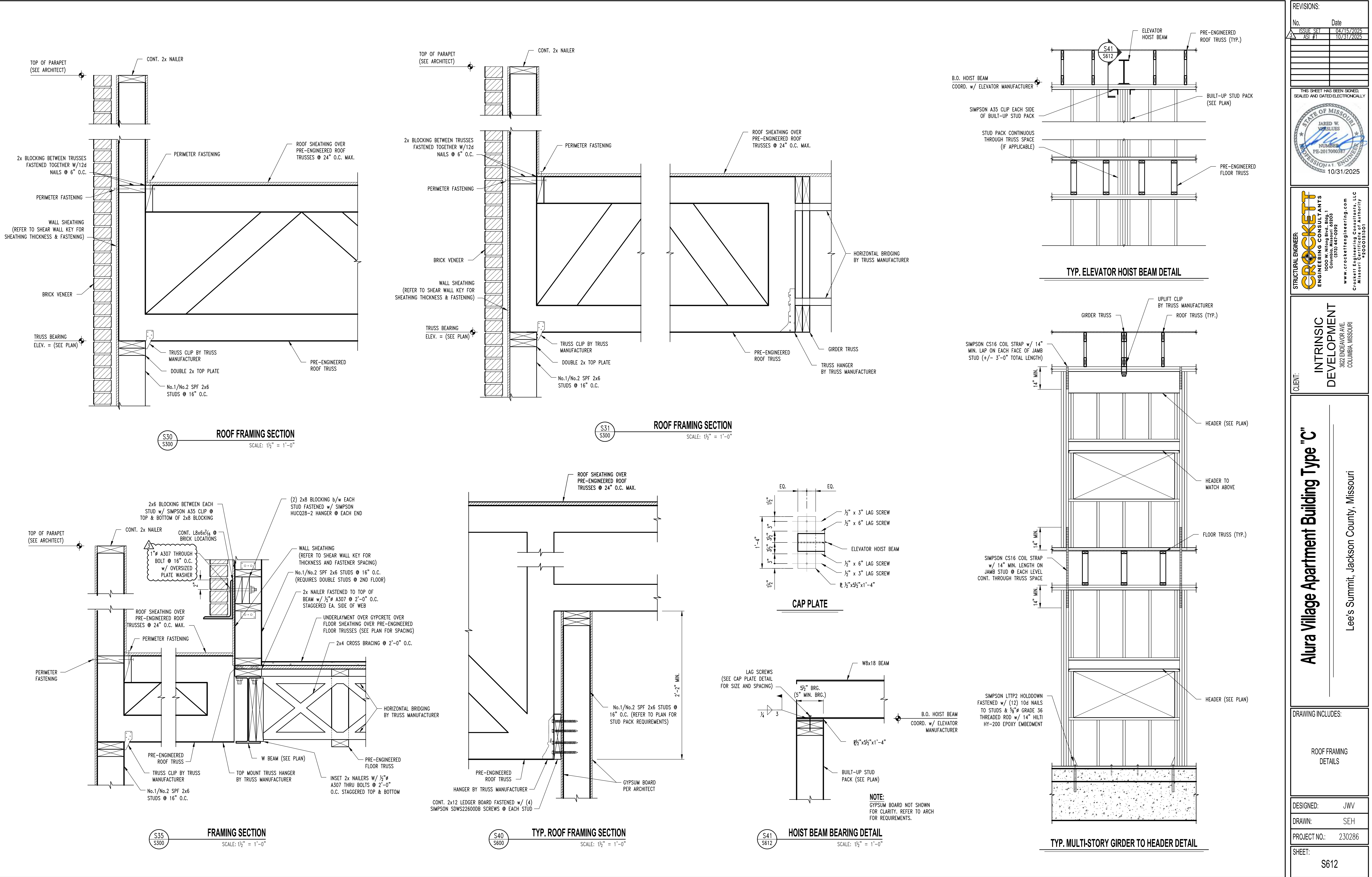
DESIGNED: JWV

DRAWN: SEH

PROJECT NO.: 230286

SHEET: S611





REVISIONS:

| No. | Date       |
|-----|------------|
| 1   | 04/15/2025 |
| 2   | 10/31/2025 |
|     |            |
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|     |            |

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI

JARED W. VOGLUES

PROFESSIONAL ENGINEER

NUMBER

PE-2017000387

10/31/2025

STRUCTURAL ENGINEER:

CROCKETT

ENGINEERING CONSULTANTS

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(573) 447-0992  
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Crockett Engineering Consultants, LLC  
Missouri Certificate of Authority  
#000018101

CLIENT:

INTRINSIC DEVELOPMENT

3622 ENDAVOR AVE.  
COLUMBIA, MISSOURI

DRAWING INCLUDES:

ROOF FRAMING DETAILS

DESIGNED:

JWV

DRAWN:

SEH

PROJECT NO.:

230286

SHEET:

S612