DESIGN CRITERIA

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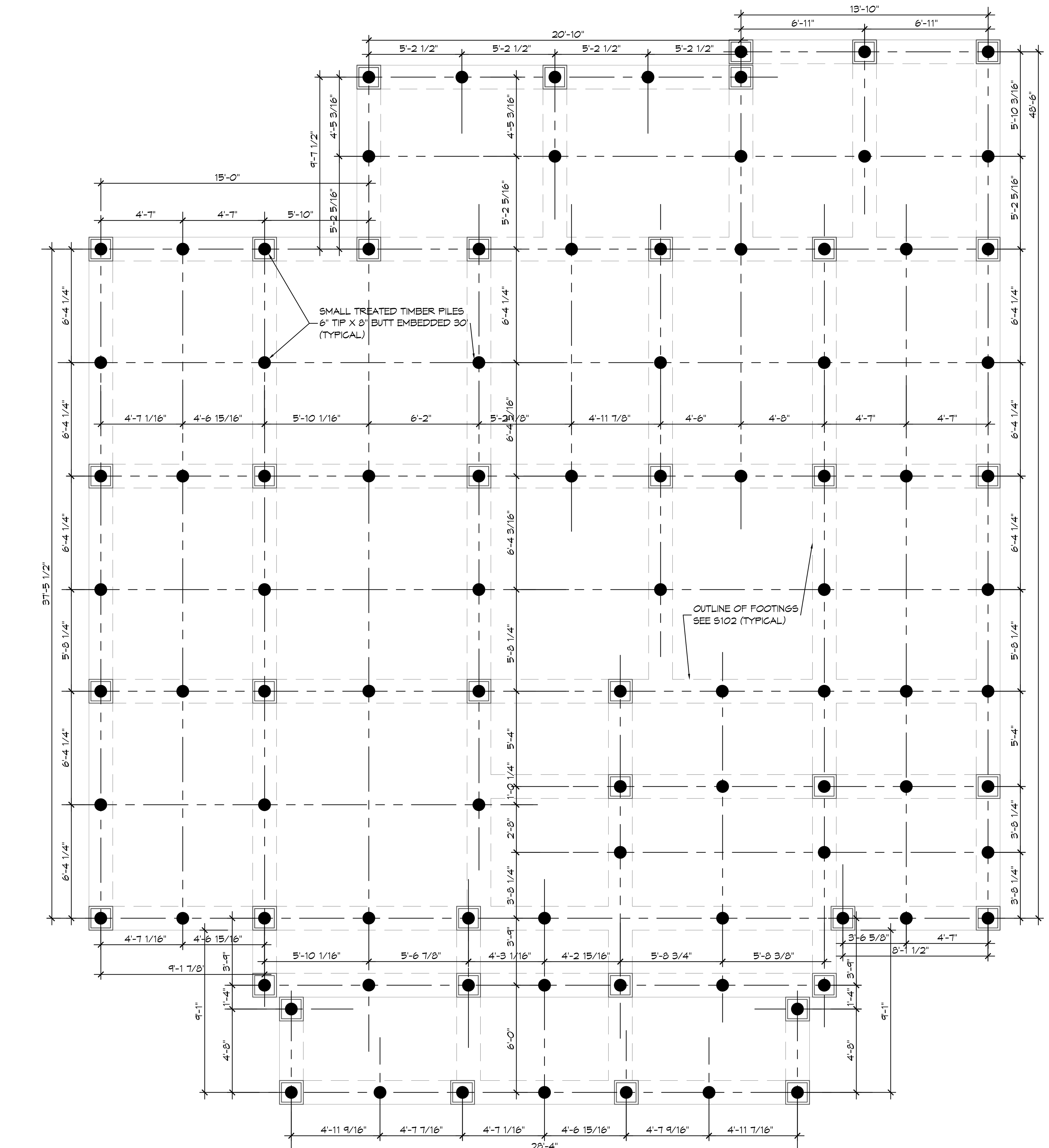
PILING COUNT

94 PILING COUNT



1 PILING PLAN
SCALE: 1/4" = 1'-0"

PILING PLAN

GENERAL SITEPREP NOTES

1. THE GC SHALL EMPLOY A GEOTECHNICAL ENGINEER TO MONITOR SITE CONDITIONS DURING THE PREP WORK OF THE SITE FOUNDATION.

PILING NOTES

1. PILES ARE TO BE 30 FT. IN LENGTH WITH A 6 INCH TIP AND 8" BUTT. DRIVEN TO REFUSAL.
2. ALL PILES SHALL BE PRESSURE-TREATED ROUND TIMBER PILES CONFORMING TO ASTM D25.
2. DESIGN LOAD = 5 TONS PER PILE.
3. NO FIELD SUPERVISION OR INSPECTION PROVIDED UNDER THIS SEAL UNLESS OTHERWISE NOTED.
4. PILE LAYOUT MAY BE MODIFIED DUE TO ACTUAL DRIVING CONDITIONS. ENGINEER TO BE NOTIFIED ON ANY MODIFICATION.
6. A PILE BLOW COUNT LOG OF ALL PILES IS TO BE SUBMITTED TO THE ENGINEER OF RECORD. FAILURE TO SUBMIT SAID LOG WILL RELEASE THE ENGINEER OF ALL RESPONSIBILITY.
7. CONTRACTOR IS RESPONSIBLE FOR THE COMPARISON & VERIFICATION OF PILE LAYOUT DIMENSIONS WITH MOST RECENT ARCHITECTURAL DRAWINGS, ASSURING THAT PILES DO FALL WITHIN LIMITS OF THE DESIGN
8. USE DROP HAMMER OR SINGLE ACTING AIR HAMMER DELIVERING 7,500 FT-LBS OF ENERGY PER BLOW, RAM WEIGHT OF DROP HAMMER SHALL NOT EXCEED 2,500 TO 3,000 LBS AND THE DROP SHOULD NOT EXCEED 3 FT., AT MINIMUM OF 25 BLOWS PER FOOT. IF THE DROP EXCEEDS 3 FT., CONTACT ENGINEER FOR INSTRUCTIONS.
10. FIELD VERIFY DIMENSIONS AGAINST THE ARCHITECTURAL DRAWINGS

GENERAL NOTES

1. ALL LUMBER SHALL BE PRESSURE TREATED WITH A RETENTION OF .4 PER C.F.
2. ALL FASTENERS SHALL BE HOT DIPPED GALVANIZED (HDG) PER ASTM A153.
3. ALL CONNECTORS SHALL BE HDG PER ASTM A653, CLASS G185 SHEET WITH 1.85 OZ/SF ZINC COATING.
4. DOUBLE UP ON FLOOR JOISTS UNDER ALL LOAD BEARING WALLS AND BATHTUBS.

SHEET INDEX

SHEET #	SHEET TITLE
S101	PILING PLAN
S102	FOUNDATION PLAN GROUND FLOOR
S103	FLOOR FRAMING PLAN LEVEL ONE
S104	CEILING FRAMING PLAN LEVEL TWO & SHEAR WALL LOCATIONS
S105	CEILING FRAMING PLAN
S106	ROOF RAFTER FRAMING PLAN
S107	CONNECTION DETAILS, SCHEDULES, & NOTES

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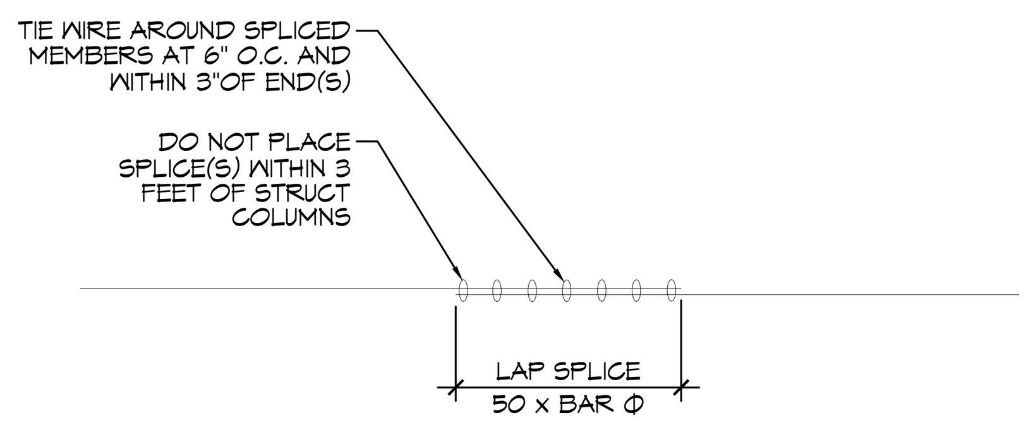
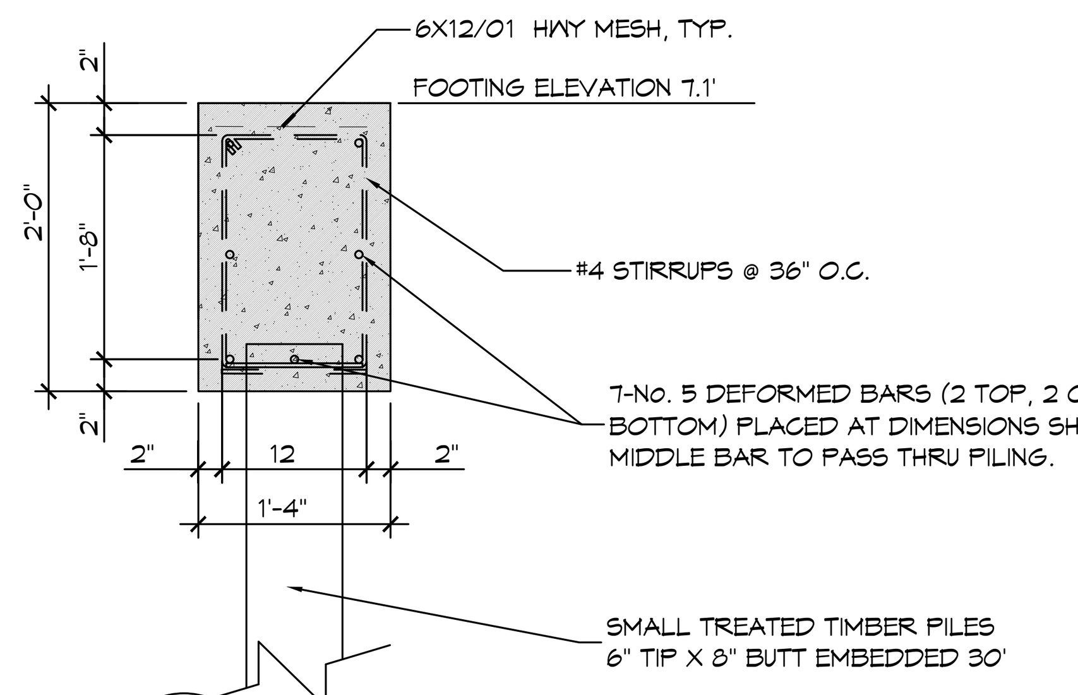
DRAWN BY:	CKD	CHECKED BY:	BAM

SHEET TITLE:
PILING PLAN

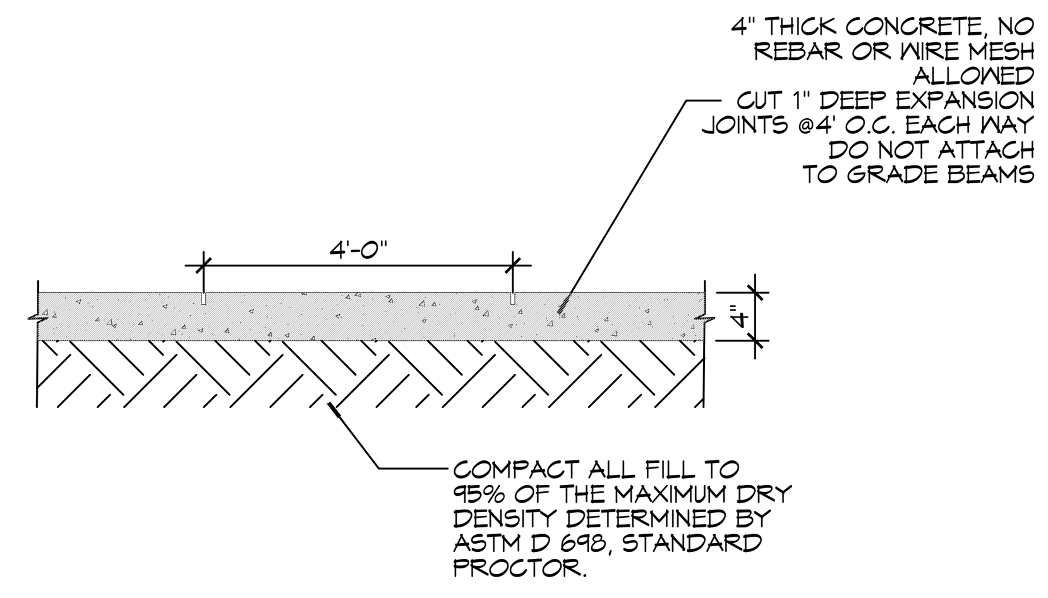
DRAWING NUMBER:
S101



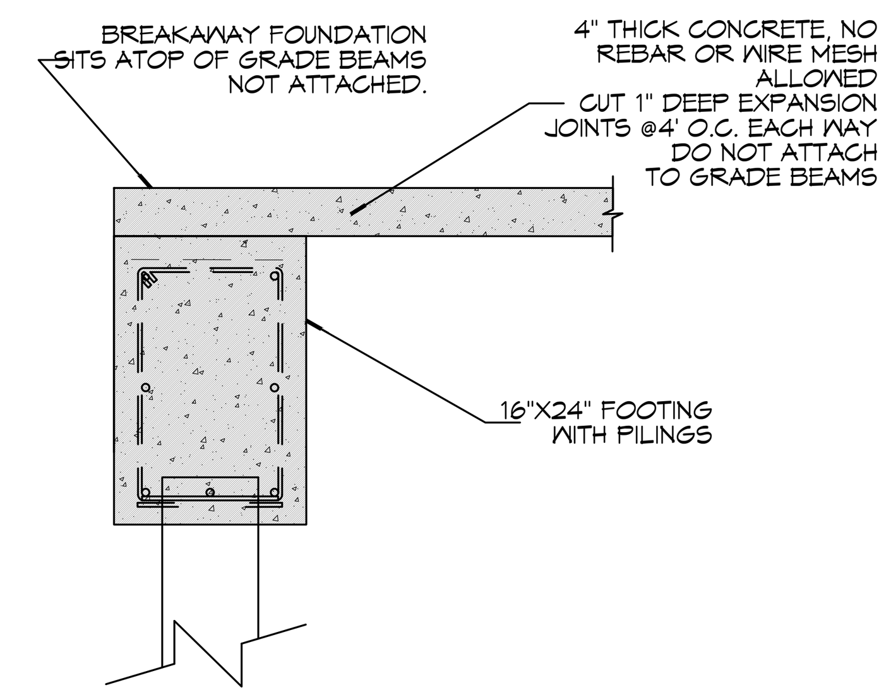
REBAR SPLICE
SCALE: 1/2" = 1' - 0"



A S101|S101 SECTION
SCALE: 3/4" = 1' - 0" GRADE BEAM



B S101|S101 SECTION
SCALE: 3/4" = 1' - 0" BREAKAWAY FOUNDATION



REFERENCE
SCALE: 3/4" = 1' - 0" BREAKAWAY FOUNDATION

GENERAL FOUNDATION NOTES

1. THE CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
2. ALL CONVENTIONAL REINFORCING SHALL MEET ASTM-A615 (GRADE 60).

   ALL WELDED WIRE SHALL CONFORM TO ASTM A185 W/MIN YIELD OF 65000 PSI. LAP ALL WWF 2 1/4" PER ACI 318.
3. ONE LAYER OF POLYETHELENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE 15 MIL. STRENGTH; ASTM E1745 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO WRAP ECO-SHEILD-E 15 MIL. BY EPRO OR IRONBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
4. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
5. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, CMU LEDGES, DIMENSIONS, AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
6. VERIFY ALL PLUMBING ROUGH-IN LOCATIONS ON SHEET P101 & ELECTRICAL ROUGH-IN LOCATIONS ON SHEET E101 & E102.
7. GRADE BEAM SIZES MAY VARY BY -5% TO +20%.
8. ALL SUBGRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.
9. A MINIMUM OF 5" CONCRETE THICKNESS SHALL BE MAINTAINED THROUGHOUT THE SLAB.
10. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
11. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
12. PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADING, SWELLS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE TO BE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR TO OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, IT SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.
13. NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS, BEARING ON COMPACTED STRUCTURAL FILL, AT LEAST 2 FEET BELOW FINISHED GRADE, SHOULD BE DESIGNED FOR MAXIMUM NET ALLOWABLE BEARING PRESSURES OF 1,200 PSF AND 2,000 PSF RESPECTIVELY, BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
14. TREAT SOIL BELOW SLAB FOR TERMITES.

GENERAL NOTES

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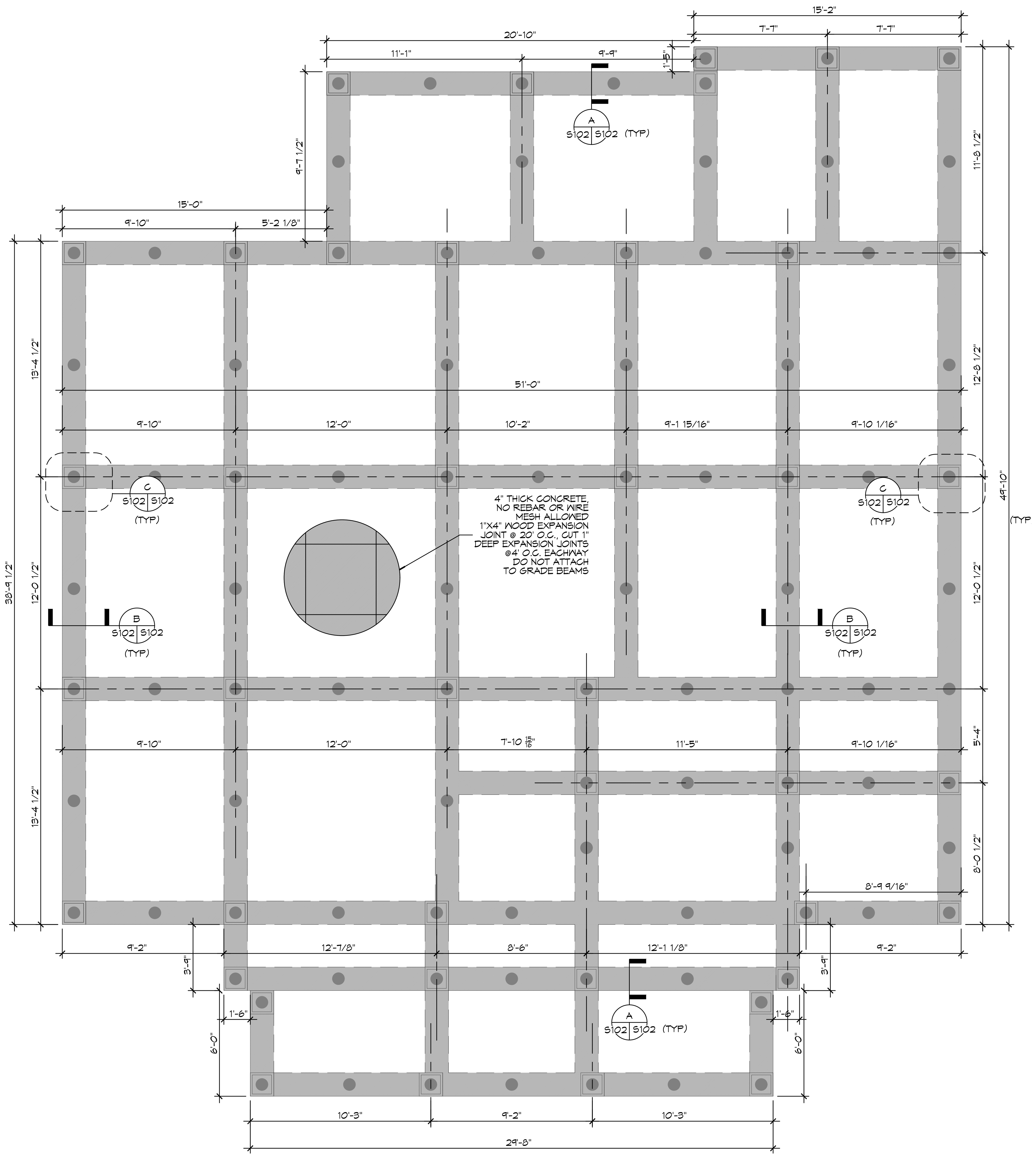
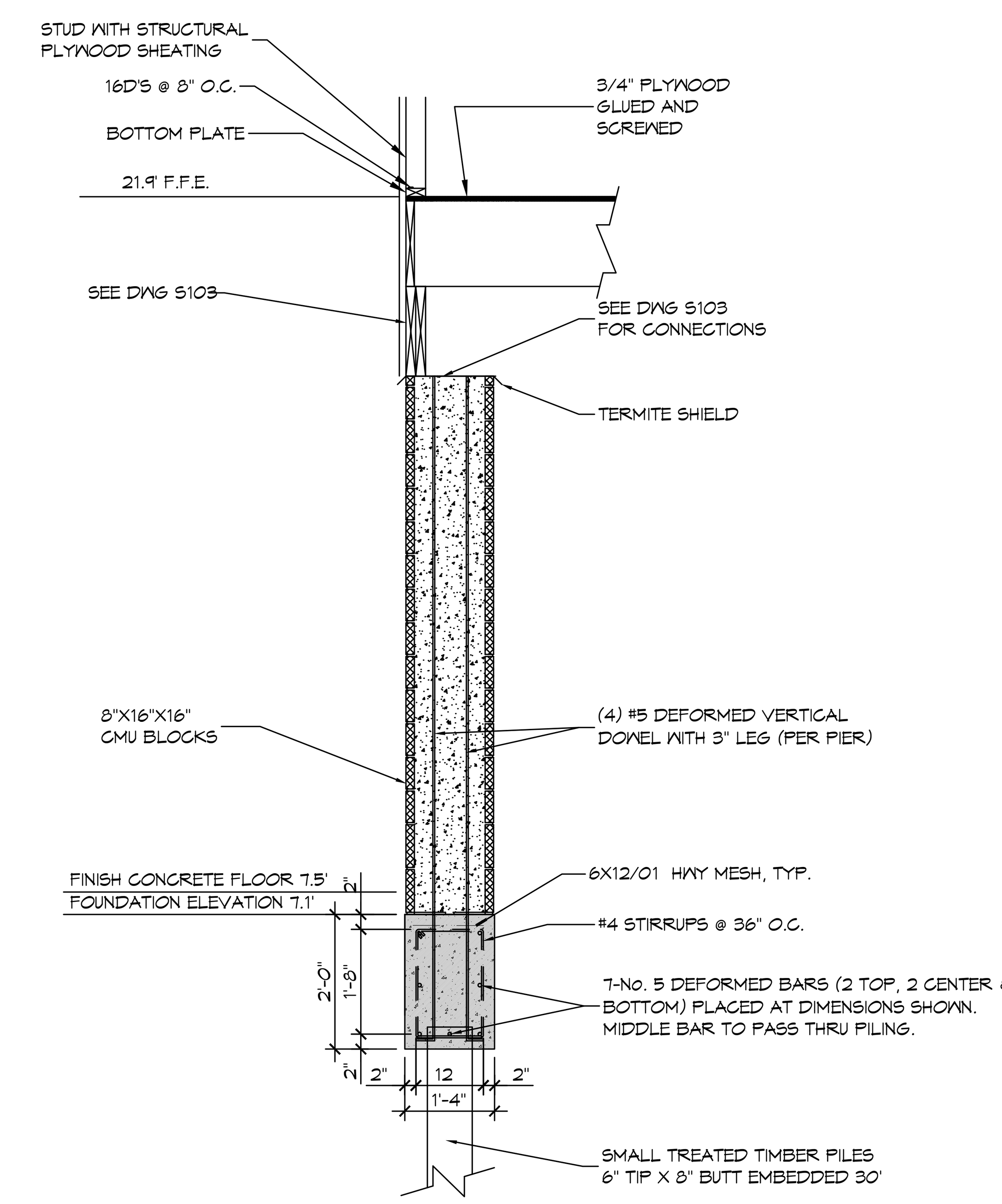


2 FOUNDATION PLAN
SCALE: 1/4" = 1'-0" GROUND FLOOR PLAN



C S101|S101 SECTION
SCALE: 1/2" = 1' - 0" CMU ON GRADE BEAM

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#	DESCRIPTION	DATE
REVISIONS		

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License No. 30187
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BAM

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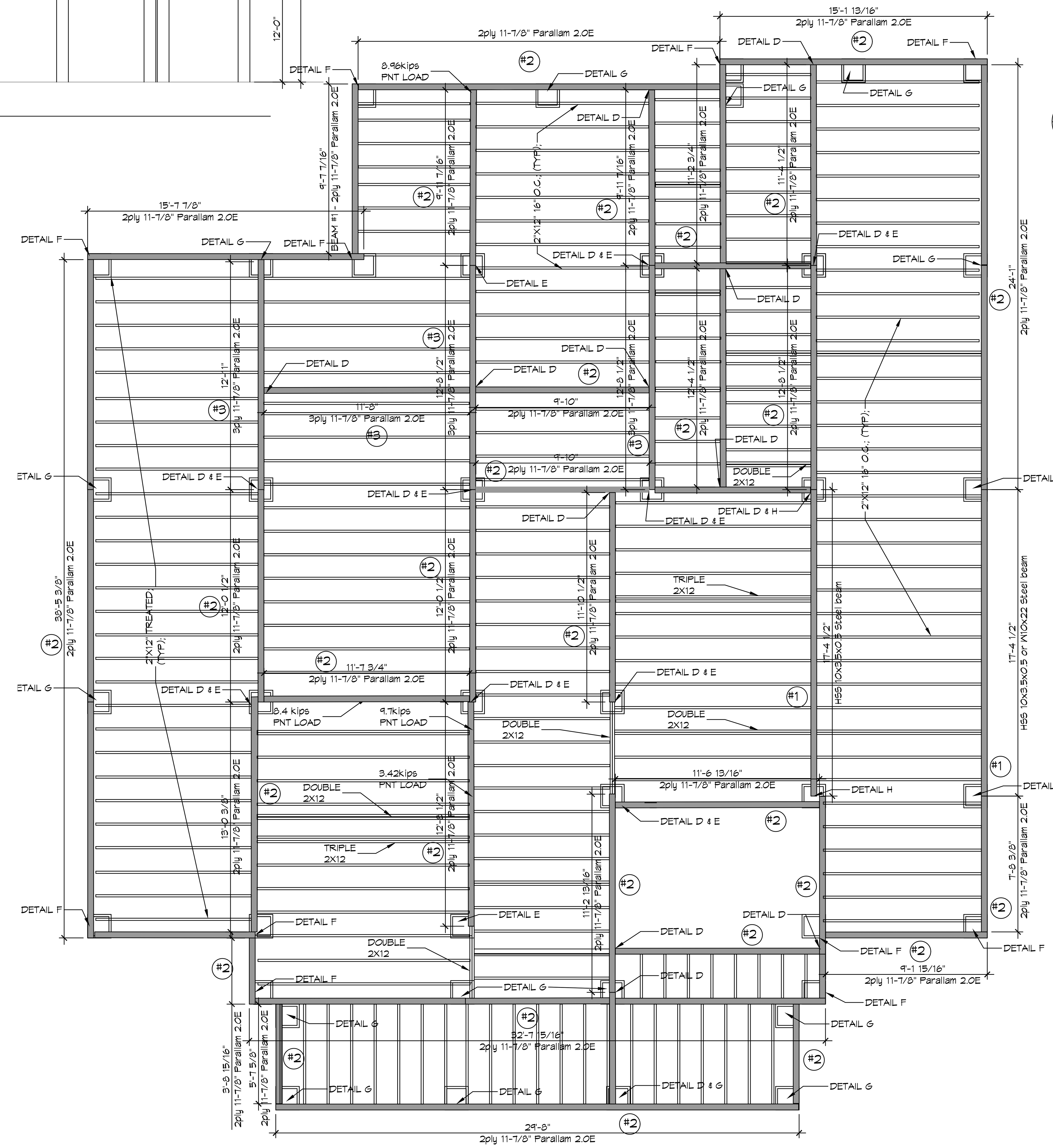
JOB No:		DATE:	08-20-2025
DRAWN BY:	CKD	CHECKED BY:	BAM

SHEET TITLE:
FOUNDATION PLAN
GROUND FLOOR PLAN

DRAWING NUMBER:
S102

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



3 FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

LEVEL ONE

DESIGN CRITERIA

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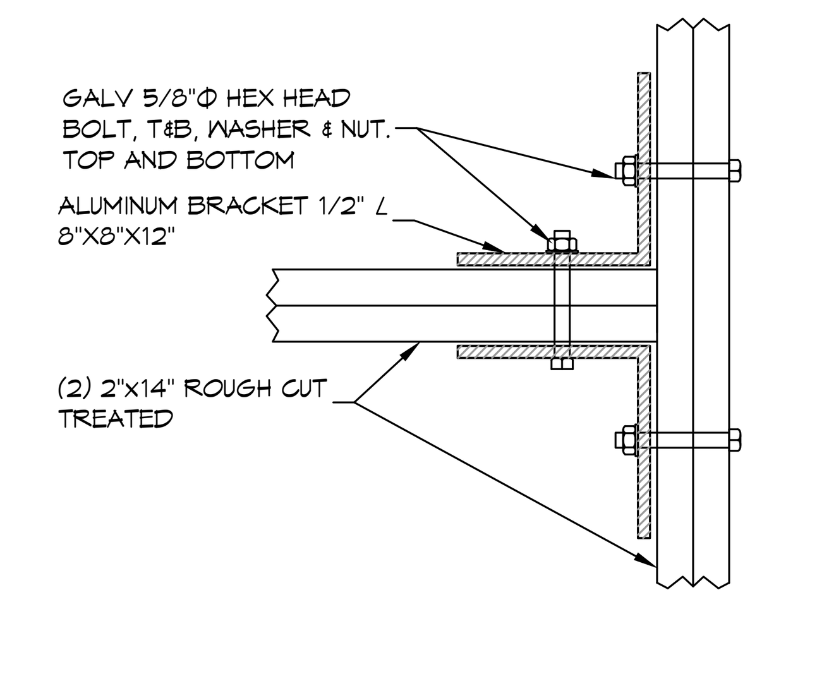
3. ALL CONNECTORS SHALL BE HDG PER ASTM A653, CLASS G185 SHEET WITH 1.85 OZ/SF ZINC COATING.
4. DOUBLE UP AND TRIPPLE UP ON FLOOR JOISTS UNDER ALL LOAD BEARING WALLS AND BATHTUBS.

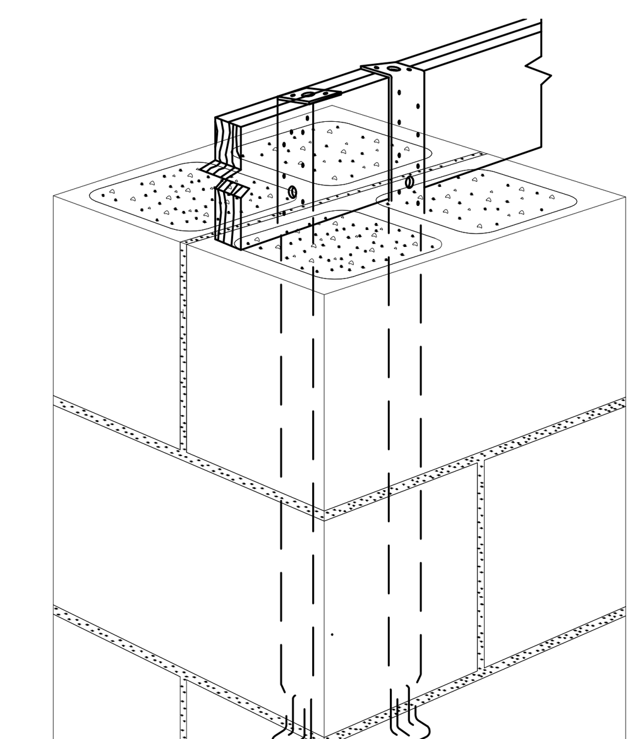
BEAMS

THIS IS THE TOTAL NUMBER OF BEAMS FOR THE ENTIRE PROJECT. SEE PLANS FOR LENGTHS

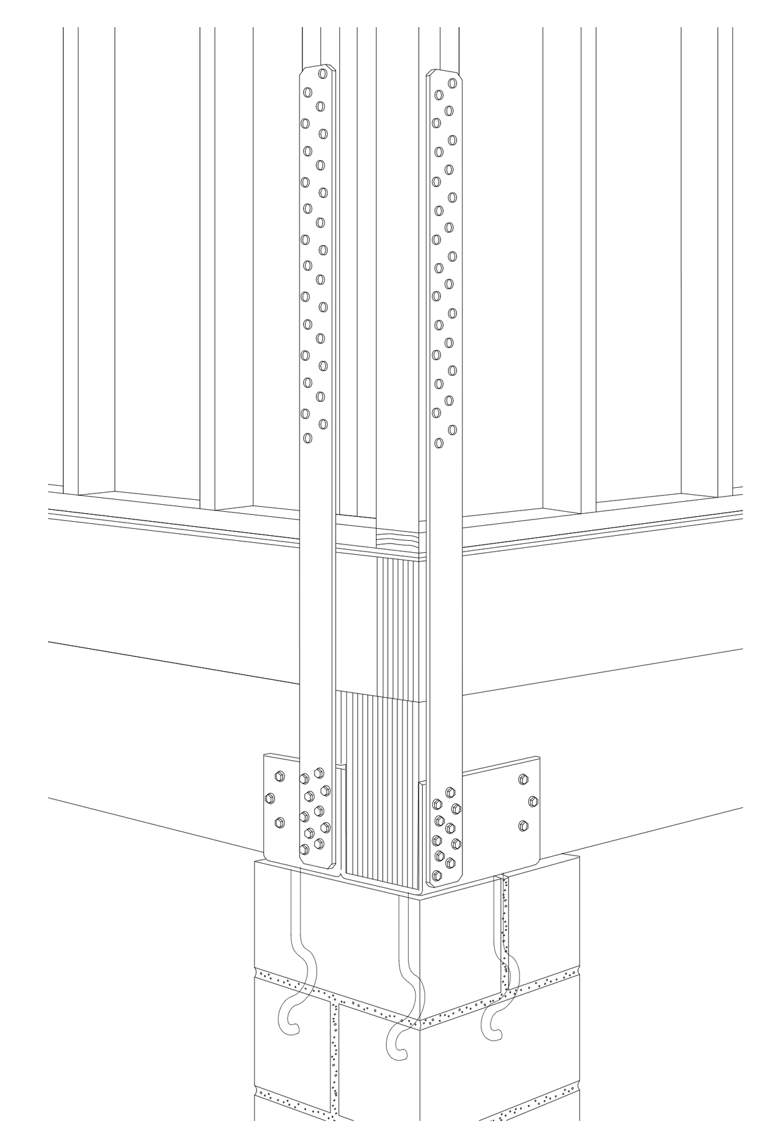
#1 - STEEL BEAM HSS 10x3.5x0.5 or W10x22 Steel beam = 5ea
#2 - 2ply 11-7/8" Parallam 2.0E = 29ea
#3 - 3ply 11-7/8" Parallam 2.0E = 4ea



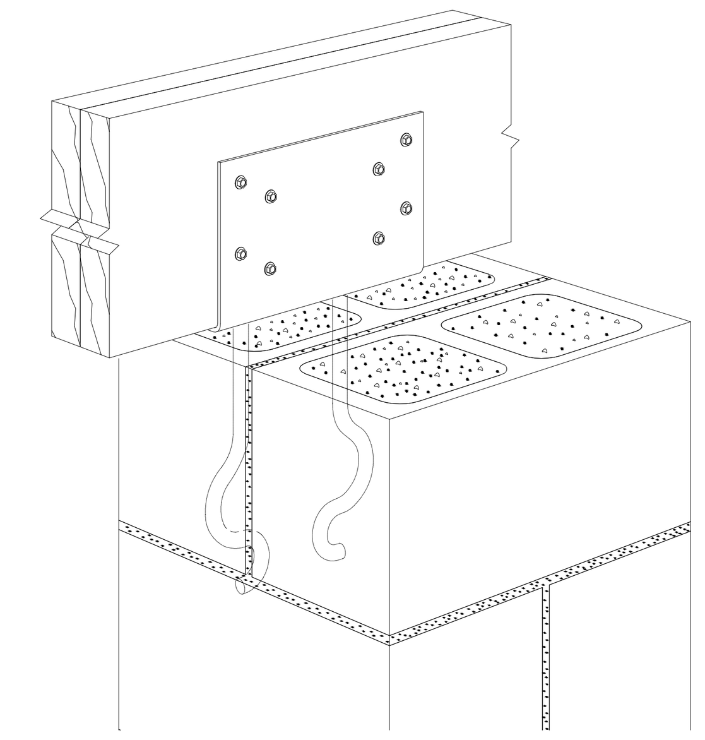
D S103 S103 DETAIL
SCALE: 1-1/2"=1'-0" CONNECTION BRACKET WOOD BEAMS



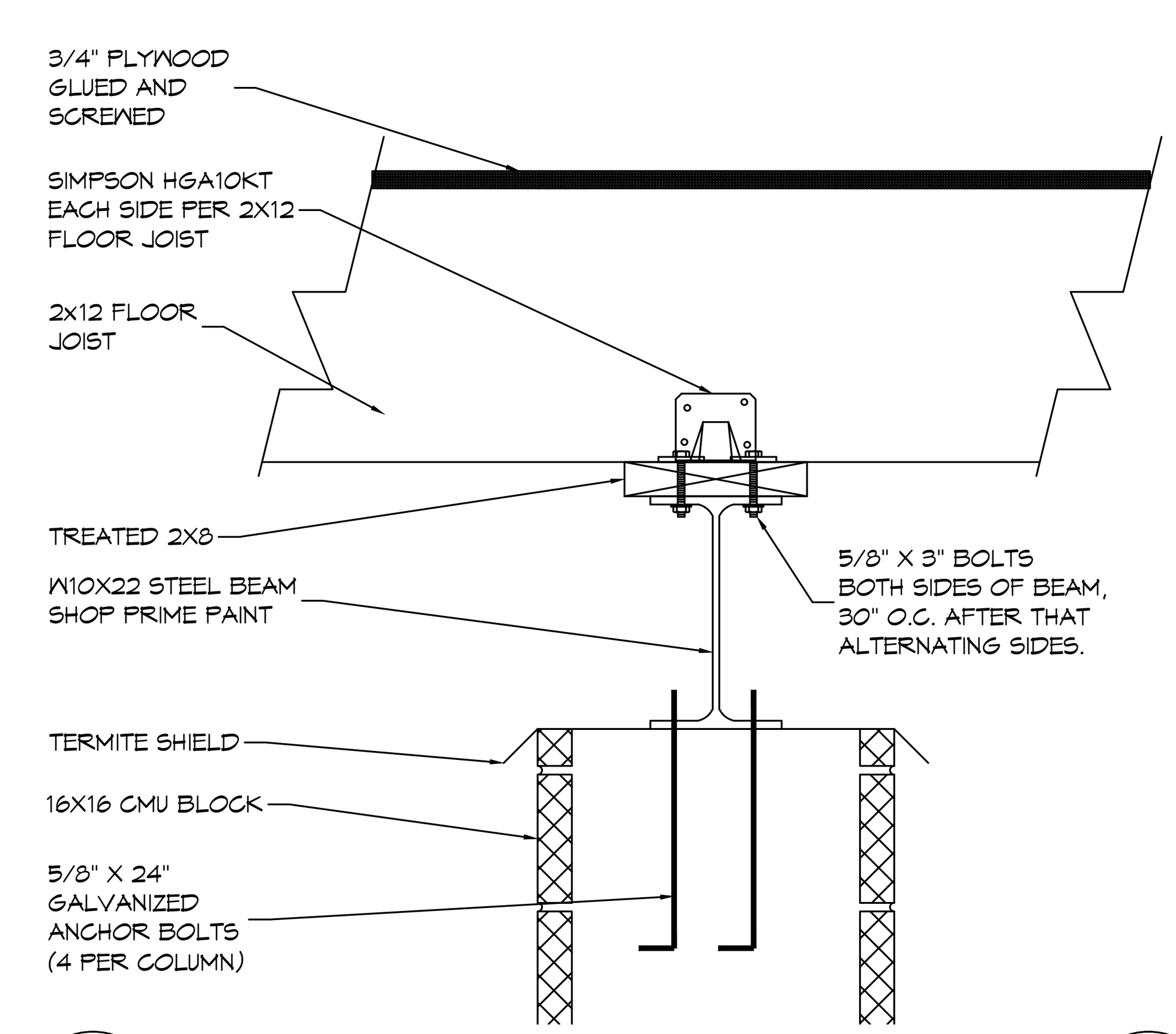
E S103 S103 SIMPSON PA51
SCALE: N.T.S. TWO @ INTERIOR COLUMNS ONLY



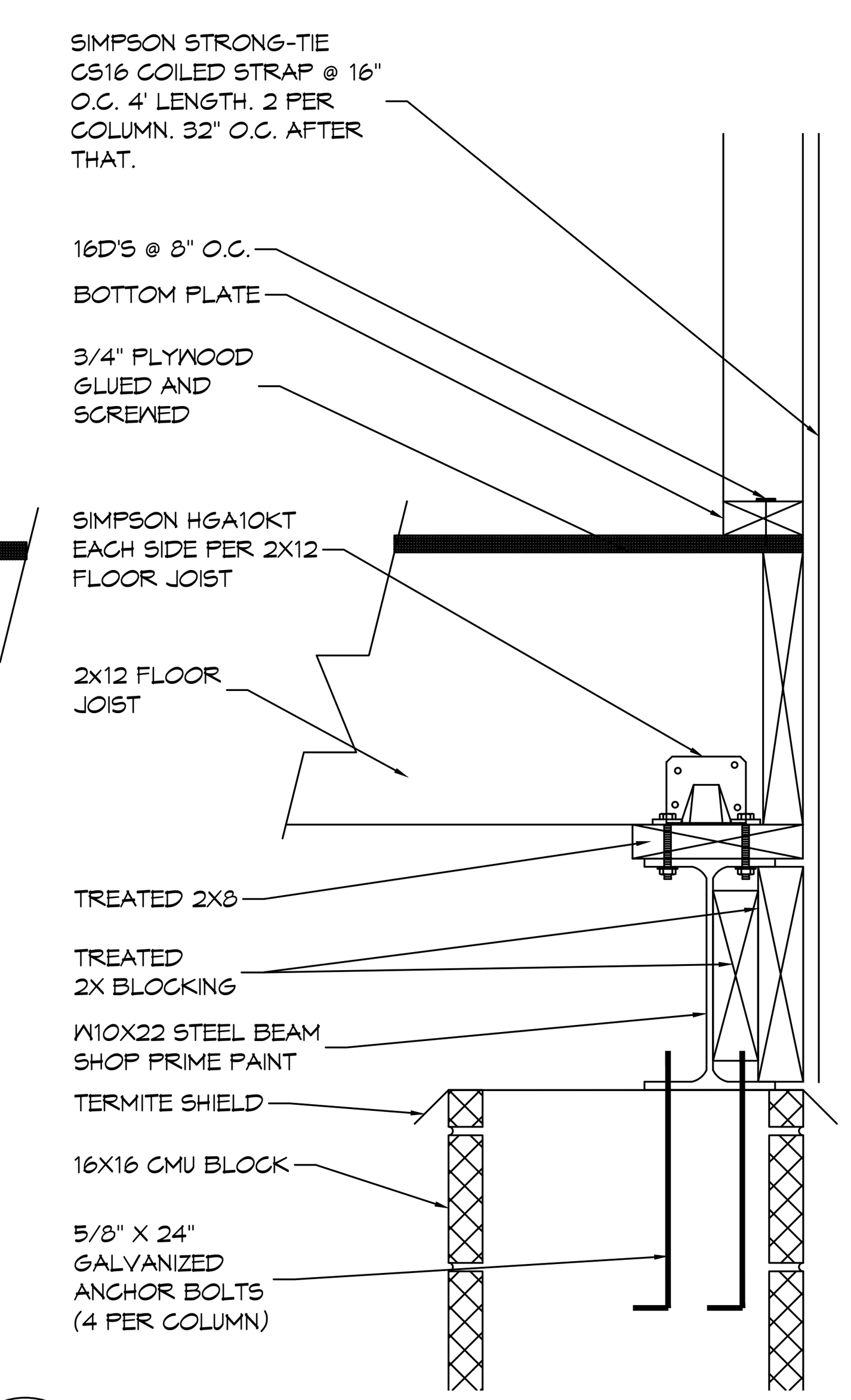
F S103 S103 SIMPSON ECCLQM
SCALE: N.T.S. AT EACH EXTERIOR CORNERS



G S103 S103 SIMPSON CCQM
SCALE: N.T.S. EXTERIOR ONLY



H S103 S103 STEEL BEAM CONNECTION
SCALE: SCALE 1-1/2" = 1'-0"



J S103 S103 STEEL BEAM CONNECTION
SCALE: SCALE 1-1/2" = 1'-0"

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#	DESCRIPTION	DATE
	REVISIONS	

STATE OF LOUISIANA — BRIAN A. MISTICH License No. 30187 — PROFESSIONAL ENGINEER — BAM

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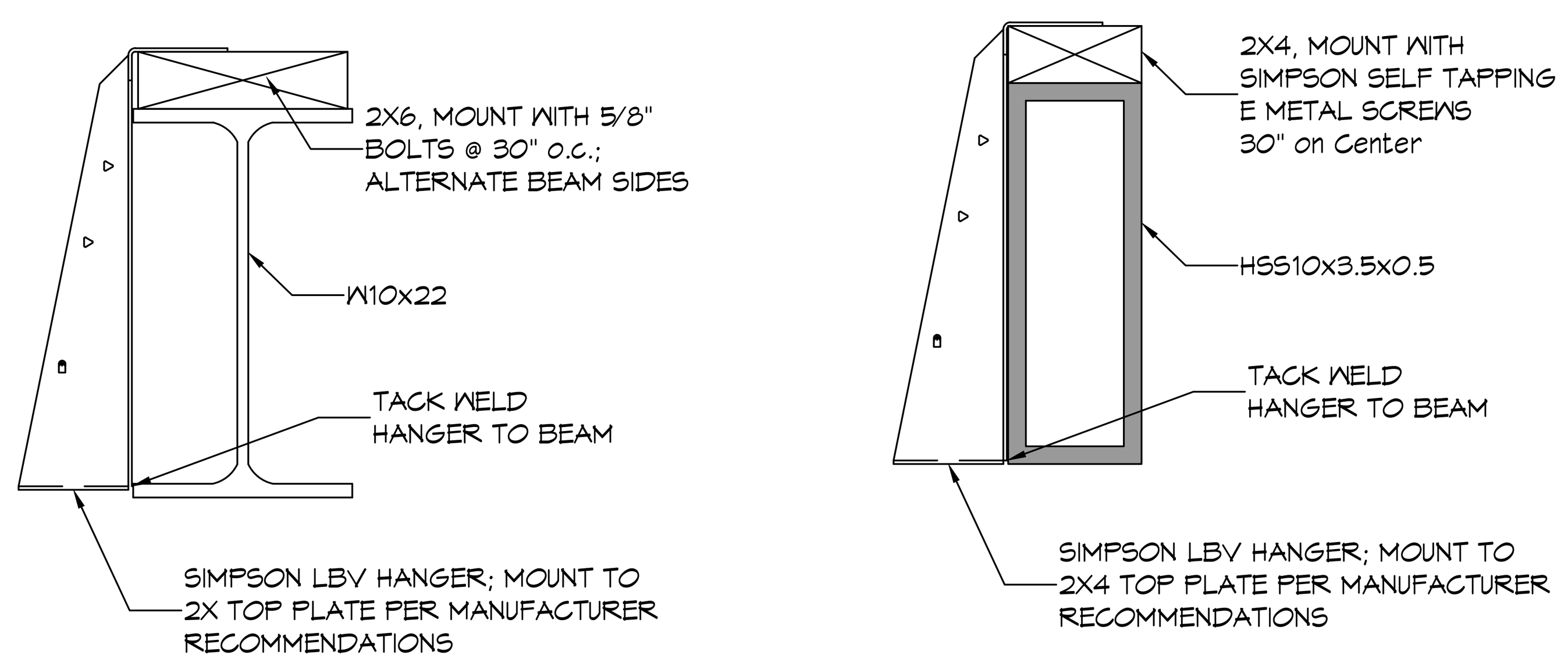
JOB No:	DATE: 08-20-2025
DRAWN BY: CKD	CHECKED BY: BAM

SHEET TITLE:
FLOOR FRAMING PLAN
LEVEL ONE

DRAWING NUMBER:
S103



STEEL BEAM DETAILS

SCALE: N.T.S.

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GENERAL NOTES

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3. ALL CONNECTORS SHALL BE HDG PER ASTM A653, CLASS G185 SHEET WITH 1.85 OZ/SF ZINC COATING.
4. DOUBLE AND TRIPLE UP FLOOR JOIST UNDER TUBS AND INTERIOR LOAD BEARING WALLS.

BEAMS

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#1 - STEEL BEAM HSS 10x3.5x0.5 or W10x22 Steel beam = 5ea
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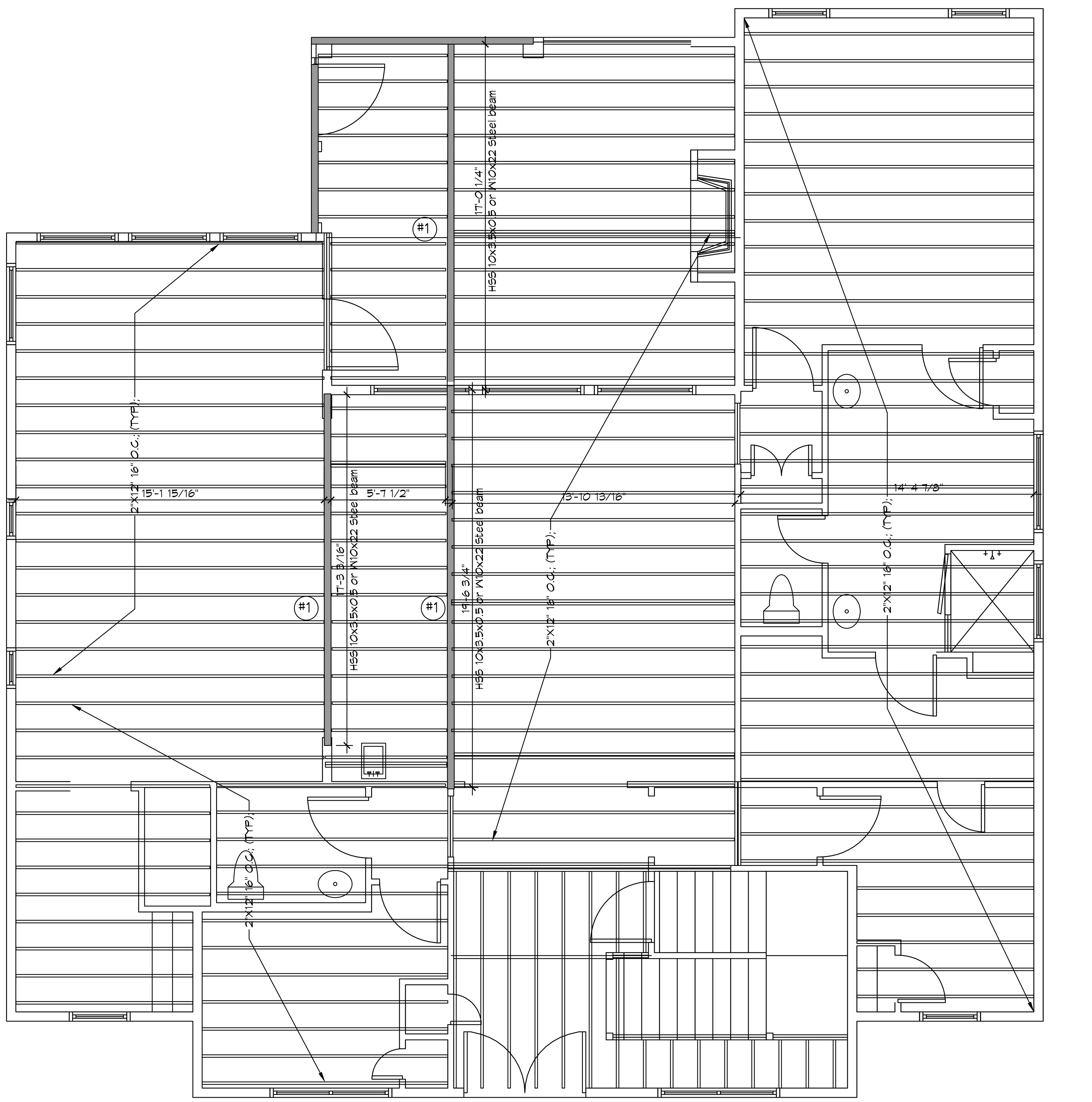
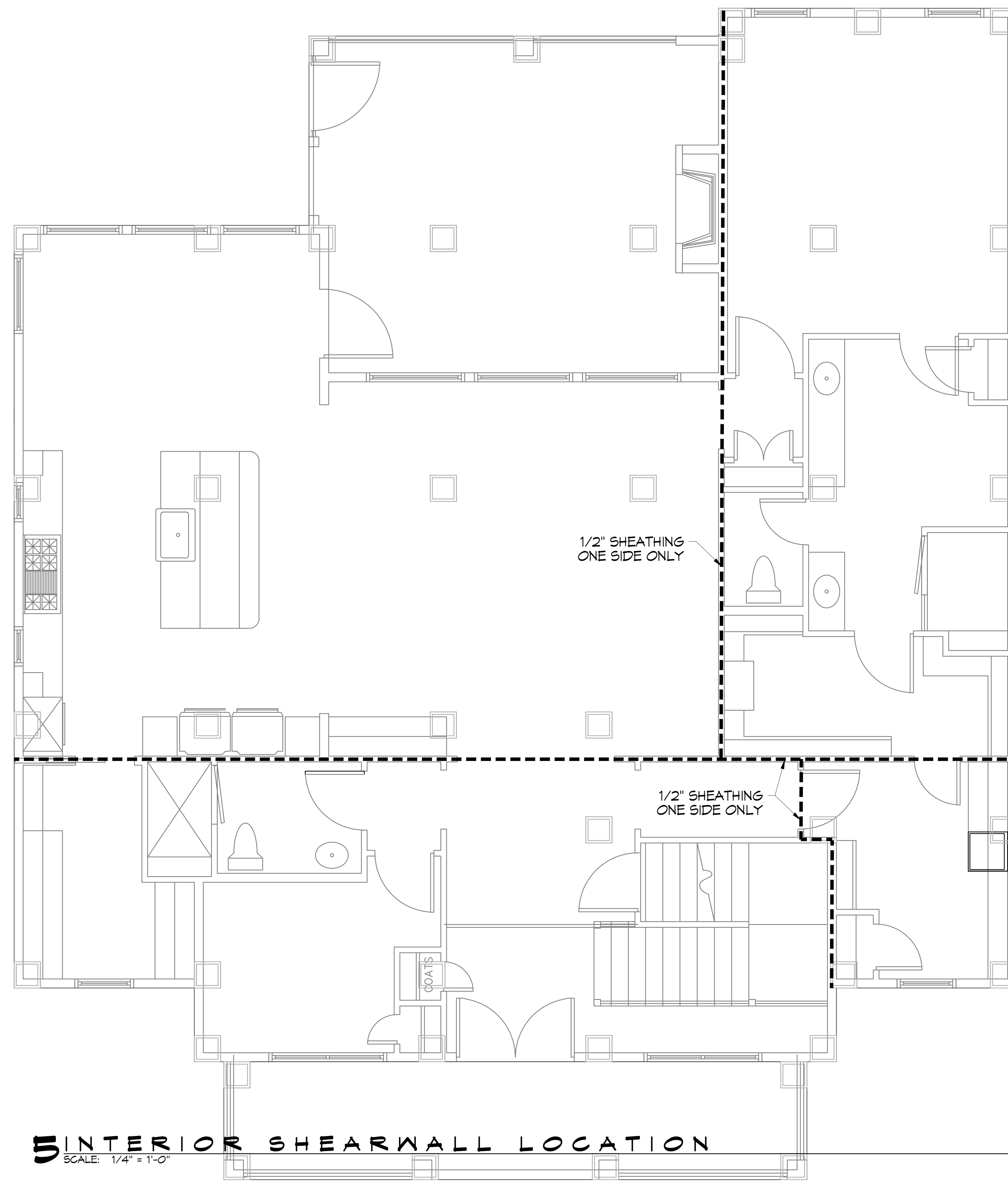


4 CEILING FRAMING PLAN

SCALE: 1/4" = 1'-0"

LEVEL TWO



5 INTERIOR SHEARWALL LOCATION

SCALE: 1/4" = 1'-0"

PLAN

DAMMON ENGINEERING, INC.
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PROFESSIONAL ENGINEER

JAY & WENDY BADEAUX

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JOB No:		DATE:	08-20-2025
DRAWN BY:	CKD	CHECKED BY:	BAM

SHEET TITLE:
CEILING FRAMING PLAN LEVEL TWO AND SHEAR WALL LOCATIONS

DRAWING NUMBER:

S104

SHEET No: 4 of 7

FILE NAME: J:\- Foundations or Structural Only\Jay Badeaux Rigolets Estates Kaufmann\New Current Dwgs\S105 Level three Framing Plan.dwg PLOT DATE & TIME: Wednesday, August 20, 2025 1:11:54 PM

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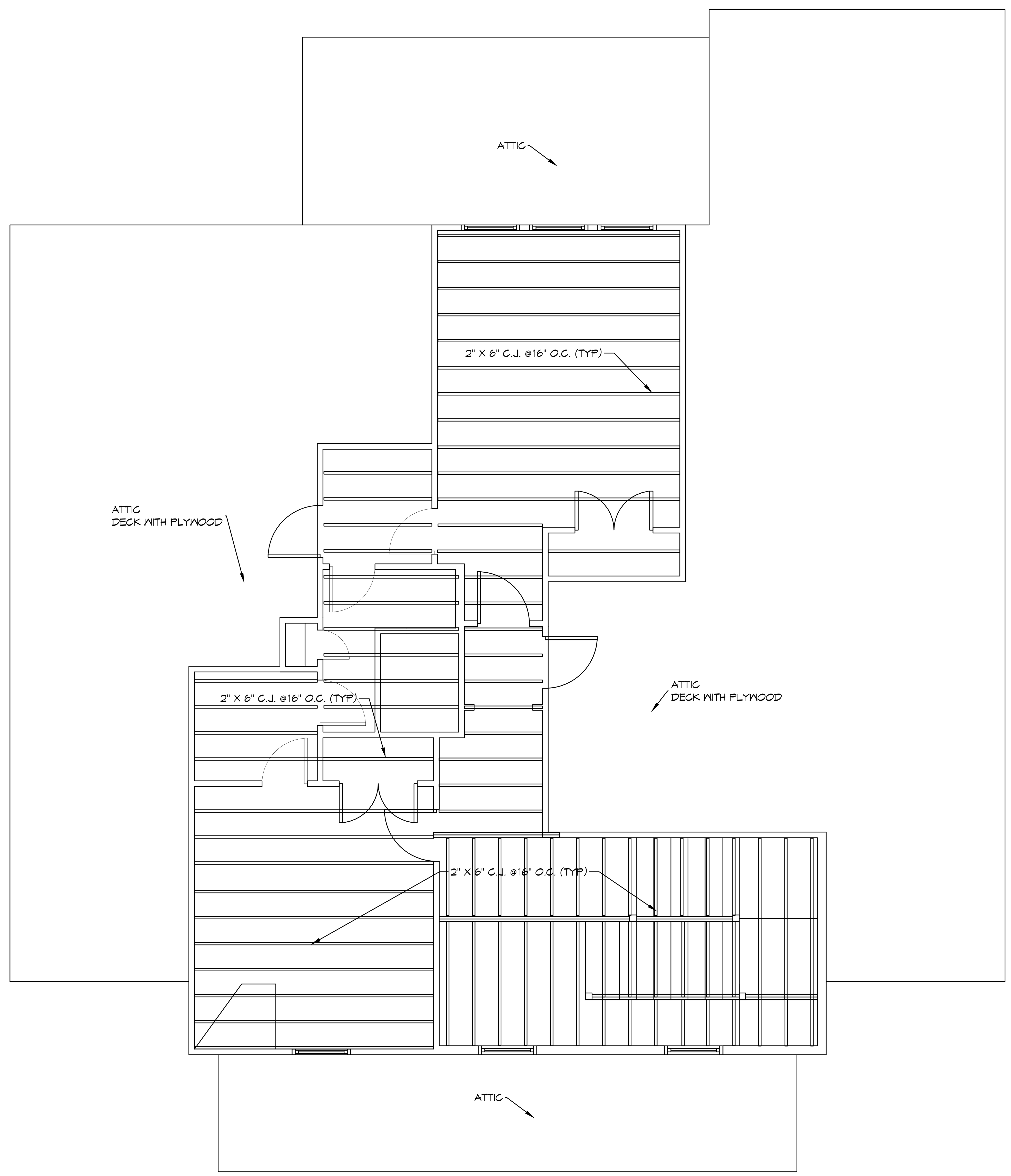

6 CEILING FRAMING PLAN
SCALE: 1/4" = 1'-0"

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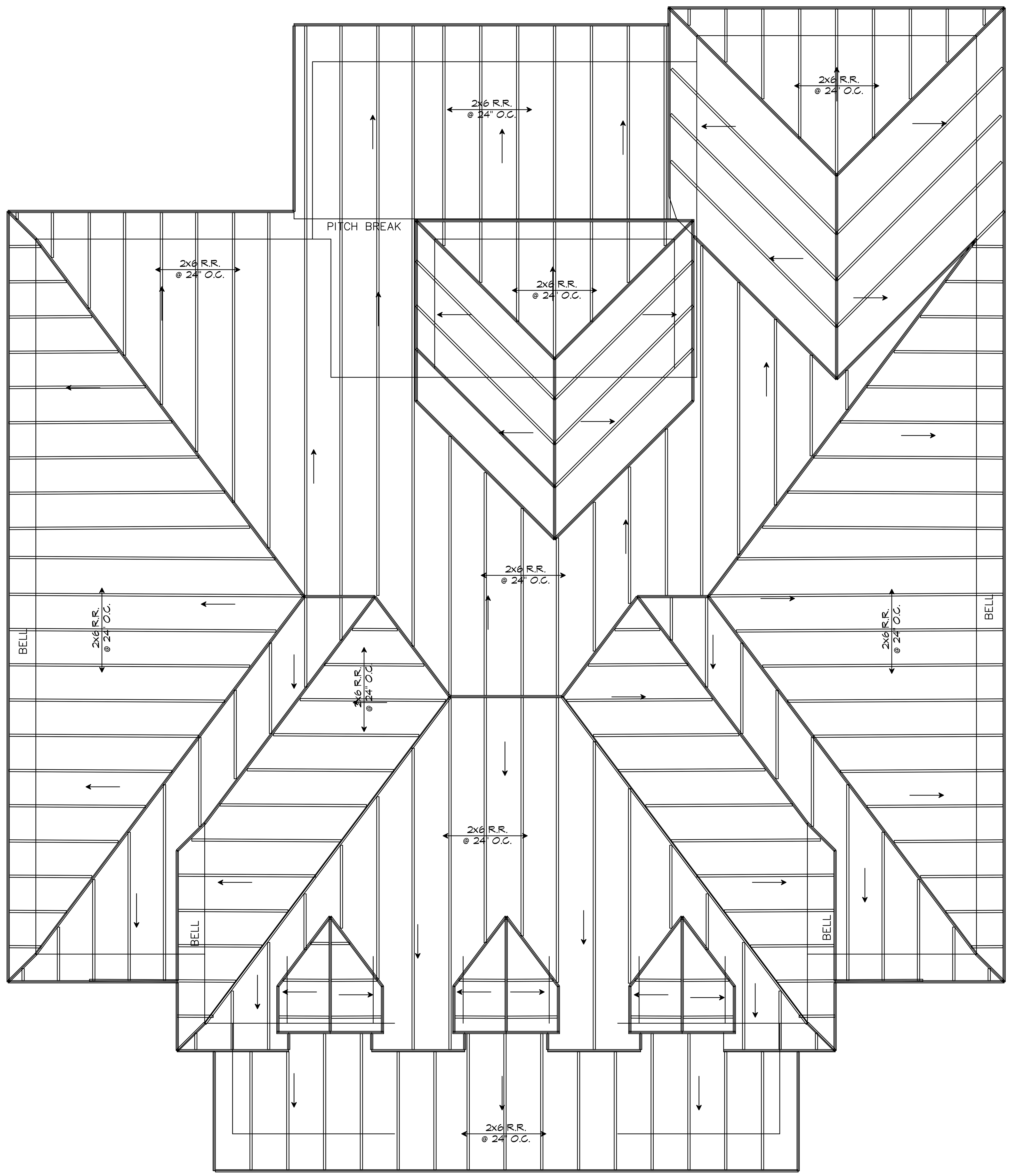
JOB No:	DATE: 08-20-2025
DRAWN BY: CKD	CHECKED BY: BAM

SHEET TITLE:
CEILING FRAMING PLAN

DRAWING NUMBER:
S105



7 ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"
ROOF

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PROFESSIONAL ENGINEER

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SLIDELL, LA. 70461

JOB No:		DATE:	08-20-2025
DRAWN BY:	CKD	CHECKED BY:	BAM

SHEET TITLE:
ROOF RAFTER FRAMING PLAN

DRAWING NUMBER:
S106

TABLE S601.7 - UPLIFT CONNECTIONS - 150 MPH WINDS EXP "D"

WFCM 2021 TABLE 3.2

CONNECTION	FRAMING SPACING (INCHES)	ROOF SPAN (FEET)	UPLIFT	LATERAL	SHEAR	NUMBER OF 8d COMMON NAILS OR 10d BOX NAILS IN EACH END OF 1-1/4"x20 GAGE STRAP
ROOF ASSEMBLY TO WALL ASSEMBLY	16" OC	16	407	292	152R	4
WALL ASSEMBLY TO FOUNDATION	16" OC	16	224	219	436	4

TABLE S601.8 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 150 MPH WIND EXP "D"

WFCM 2021 TABLE 3.2C

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		8' END ZONES	INTERIOR ZONES
UPLIFT LOADS	1 - 3 STORIES	25 INCHES ON CENTER	30 INCHES ON CENTER

NOTE: A MINIMUM OF ONE ANCHOR BOLT SHALL BE PROVIDED WITHIN 6 TO 12 INCHES OF EACH END OF EACH PLATE

TABLE S601.9 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING SHEAR LOADS - 150 MPH WIND EXP "D"

WFCM 2021 TABLE 3.2B

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
			5/8" Φ ANCHOR BOLTS
UPLIFT LOADS	4 STORY		48 INCHES ON CENTER W/3X3X1/4" WASHER

TABLE S601.10 - FULL HEIGHT STUD REQUIREMENT FOR HEADERS OR WINDOW SILL PLATES IN EXTERIOR WALLS EXPOSURE "D"

WFCM 2021 TABLE 3.23C

	WALL SPACING (INCHES)		
	12" O.C.	16" O.C.	24" O.C.
HEADER SPAN (FEET)	NUMBER OF FULL HEIGHT STUD REQUIRED AT EACH END OF THE HEADER		
2	1	1	1
4	2	2	1
6	3	3	2
8	4	3	2

TABLE S601.5 - JACK STUD REQ - INT LOADBEARING WALLS

HEADER SUPPORTING	HEADER SPAN (FT)	ROOF SPAN (FEET)											
		12 FEET				24 FEET				36 FEET			
		HEADER WIDTH											
		3"	4.5"	5"	6.5"	3"	4.5"	5"	6.5"	3"	4.5"	5"	6"
		NUMBER OF JACK STUDS REQUIRED AT EACH END OF THE HEADER											
ONE FLOOR ONLY (CENTER BEARING)	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1	1	2	1	1	1
	8	1	1	1	1	2	1	1	1	2	2	2	1
	10	1	1	1	1	2	2	1	1	3	2	2	2
	12	1	1	1	1	2	2	2	1	3	2	2	2
	14	2	1	1	1	3	2	2	2	4	3	3	2
	16	2	2	1	1	3	2	2	2	4	3	3	2
TWO FLOORS (CENTER BEARING)	2	1	1	1	1	1	1	1	1	2	1	1	1
	4	1	1	1	1	2	1	1	1	3	2	2	2
	6	2	1	1	1	3	2	2	2	4	3	2	2
	8	2	2	1	1	3	2	2	2	5	3	3	3
	10	2	2	2	1	4	3	3	2	6	4	4	3
	12	3	2	2	2	5	3	3	3	7	5	4	4
	14	3	2	2	2	6	4	4	3	8	5	5	4
	16	4	3	2	2	6	4	4	3	9	6	6	5

HEADER WIDTH - 3" (2-2x), 4.5" (3-2x), 5", 6.5" (4-2x) EACH W/ 1/2" PLYWOOD SPACER BETWEEN

TABLE S601.6 - JACK STUD REQ - EXTERIOR LOADBEARING WALLS

WFCM 2021 TABLE 3.22F

		ROOF LIVE LOAD 20 PSF				ROOF LIVE LOAD 30 PSF			
		3"	4.5"	5"	6.5"	3"	4.5"	5"	6.5"
		NUMBER OF JACK STUDS REQUIRED							
ROOF AND CEILING	2	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1
	6	2	1	1	1	2	1	1	1
	8	2	2	2	1	2	2	2	1
	10	3	2	2	2	3	2	2	2
	12	3	2	2	2	3	2	2	2
	14	4	3	2	2	4	3	2	2
	16	4	3	3	2	4	3	3	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	1	1
	6	2	2	2	1	3	2	2	2
	8	3	2	2	2	3	2	2	2
	10	4	3	2	2	4	3	3	2
	12	4	3	3	2	5	3	3	3
	14	5	4	3	3	5	4	3	3
	16	6	4	4	3	6	4	4	3

HEADER WIDTH - 3" (2-2x), 4.5" (3-2x), 5", 6.5" (4-2x) EACH W/ 1/2" PLYWOOD SPACER BETWEEN

TABLE S601.3 - NAILING SCHEDULE WFCM 2021 TABLE 3.1

DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING
HEADER TO HEADER (FACE NAILED)	16d	16d	16" OC EDGES

TABLE S601.4 - BUILDING ENVELOPE REQUIREMENTS

OPAQUE ELEMENTS		ASSEMBLY MAXIMUM	INSULATION MIN. R-VALUE
ROOFS	INSULATION ENTIRELY ABOVE DECK	U-0.048	R-20.0 c.i.
	METAL BUILDING	U-0.065	R-19
	ATTIC AND OTHER	U-0.027	R-38
WALLS, ABOVE GRADE	MASS	U-0.151	R-5.7 c.i.
	METAL BUILDING	U-0.113	R-13.0
	STEEL-FRAMED	U-0.124	R-13.0
	WOOD-FRAMED AND OTHER	U-0.089	R-13.0
FLOORS	MASS	U-0.107	R6-3 c.i.
	STEEL JOIST	U-0.052	R-19.0
	WOOD FRAMED AND OTHER	U-0.051	R-19.0
SLAB-ON-GRADE	UN-HEATED	F-0.730	NR
OPAQUE DOORS	SWINGING	U-0.700	NR
	NON-SWINGING	U-1.450	NR

METAL ROOF APPLICATION & FASTENING NOTES

1. INSTALL 26 GAUGE METAL ROOF PER MANUFACTURES RECOMMENDATIONS FOR 164 MPH WIND SPEED.

GENERAL UPLIFT CONNECTION NOTES

ROOF ASSEMBLY TO WALL ASSEMBLY:
UPLIFT CONNECTIONS SHALL BE FROM RAFTER OR TRUSS TO WALL STUD. WHEN RAFTERS OR TRUSSES ARE NOT LOCATED DIRECTLY ABOVE STUDS, RAFTERS SHALL BE ATTACHED TO THE WALL PLATE AND THE WALL TOP PLATE SHALL BE ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.10.

WALL ASSEMBLY TO WALL ASSEMBLY:
STORY TO STORY UPLIFT CONNECTIONS FROM UPPER STORY WALL STUD TO LOWER STORY WALL STUD. WHEN UPPER STORY WALL STUDS ARE NOT LOCATED DIRECTLY ABOVE LOWER WALL STUDS, THE STUDS SHALL BE ATTACHED TO A COMMON MEMBER IN THE FLOOR ASSEMBLY BY UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.11.

WALL ASSEMBLY TO FOUNDATION:
FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION, SILL, PLATE, OR BOTTOM PLATE. A MINIMUM OF A 1-1/4" x 20 GA. ASTM A653 GRADE 33 STEEL STRAP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 7 INCHES IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE, 15 INCHES IN MASONRY BLOCK FOUNDATIONS, OR BE LAPPED UNDER THE BOTTOM PLATE, 3 INCH SQUARE WASHERS SHALL BE USED ON THE ANCHOR BOLTS AND ANCHOR BOLT SPACINGS SHALL NOT EXCEED THE REQUIREMENTS. STEEL STRAPS EMBEDDED IN OR IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT-DIPPED GALV. AFTER FABRICATION, OR MANUF. FROM G185 OR Z450 GALV. STL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.12.

TABLE S601.1 - ROOF SHEATHING ATTACHMENT REQUIREMENT - WIND LOAD EXP "D"

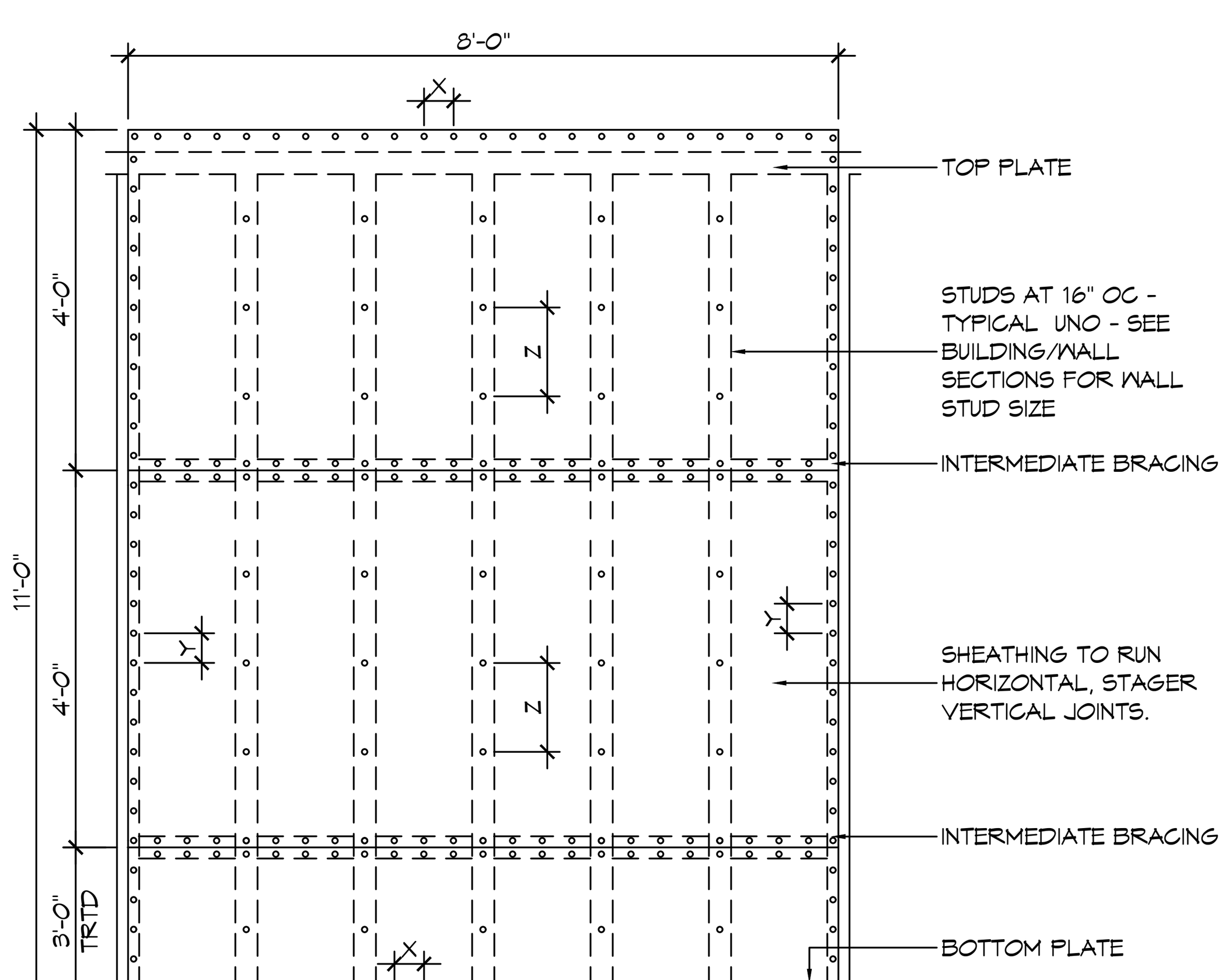
SHEATHING LOCATION	RAFTER / TRUSS SPACING	E	F
		MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	12
PERIMETER EDGE ZONE	12" OC	6	6
	16" OC	4	4
	24" OC	3	3

150 MPH WIND - EXPOSURE "D" TYPICAL
E = NAIL SPACING AT PANEL EDGES, INCHES.
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

TABLE S601.1 - WALL SHEATHING AND CLADDING REQUIREMENT - WIND LOAD EXP "D"

SHEATHING LOCATION	RAFTER / TRUSS SPACING	E	F
		MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6
PERIMETER EDGE ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6

150 MPH WIND - EXPOSURE "D" TYPICAL
E = NAIL SPACING AT PANEL EDGES, INCHES.
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.



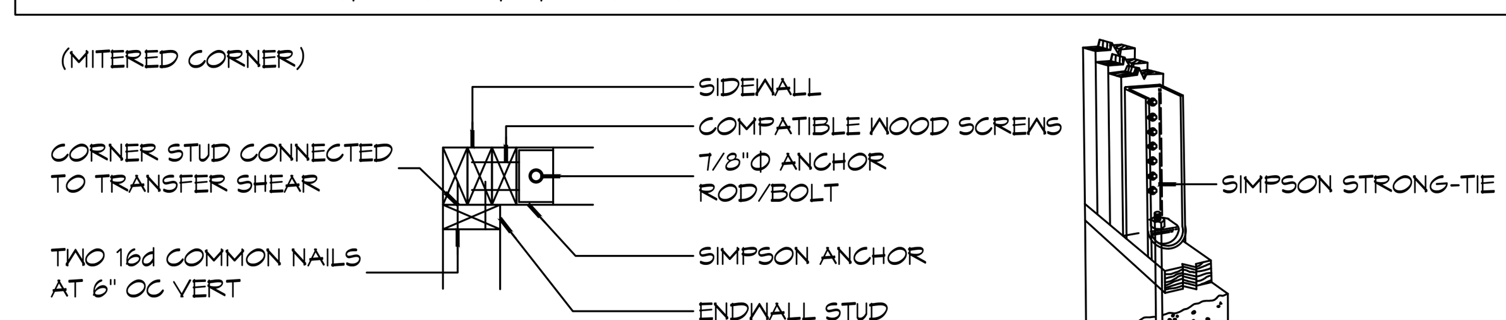
NAIL SPACING
X = 4" OC
Y = 4" OC
Z = 12" OC

X = PLATE EDGE NAIL SPACING
Y = LONG EDGE NAIL SPACING
Z = FIELD NAIL SPACING

INTERIOR SHEATHING
1/2" PLYWOOD EACH FACE STAGGERED 48" OC. W/8d NAILS @4"O.C. FASTENING @ PANEL EDGES 8d NAILS @12" O.C. FASTENING @ INTERMEDIATE MEMBERS.

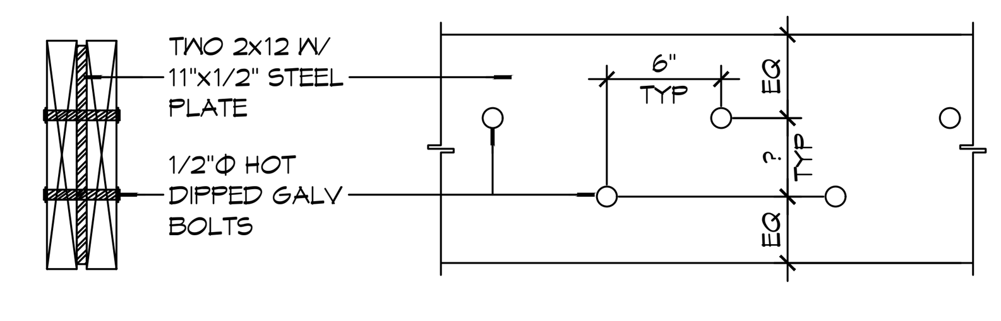
EXTERIOR SHEATHING
5/8" PLYWOOD EACH FACE STAGGERED 48" OC. W/8d NAILS @4"O.C. FASTENING @ PANEL EDGES 8d NAILS @12" O.C. FASTENING @ INTERMEDIATE MEMBERS.

H SHEAR WALL EXTERIOR SHEATHING NAILING PATTERN

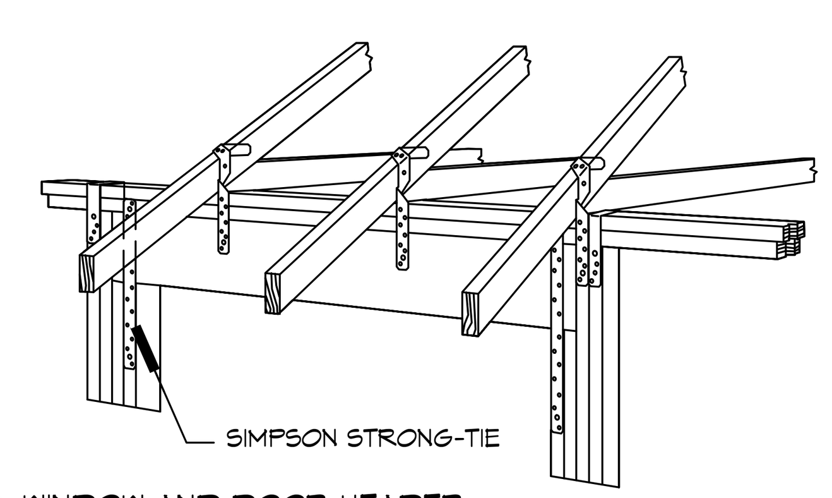


NOTE: HOLDDOWNS ARE REQUIRED AT THE END OF EACH SEGMENTED SHEARWALL SEGMENT OR AT THE EACH END OF A PERFORATED SHEARWALL. WHEN FULL HEIGHT SHEARWALL SEGMENTS MEET AT A CORNER, A SINGLE HOLDDOWN SHALL BE PERMITTED TO BE USED TO RESIST THE OVERTURNING FORCES IN BOTH DIRECTIONS WHEN THE CORNER FRAMING IN THE ADJOINING WALLS IS FASTENED TOGETHER TO TRANSFER THE UPLIFT LOAD.

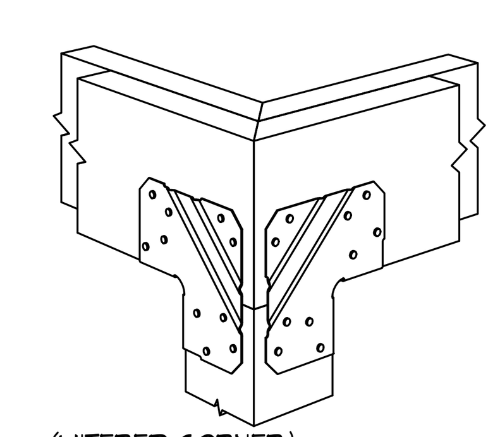
G CORNER HOLDDOWN



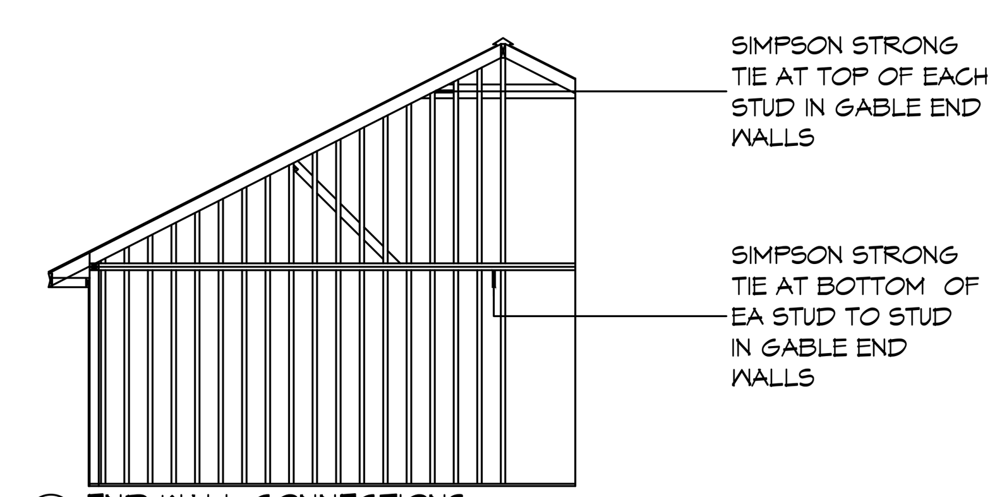
F FLITCH BEAM



N WINDOW AND DOOR HEADER

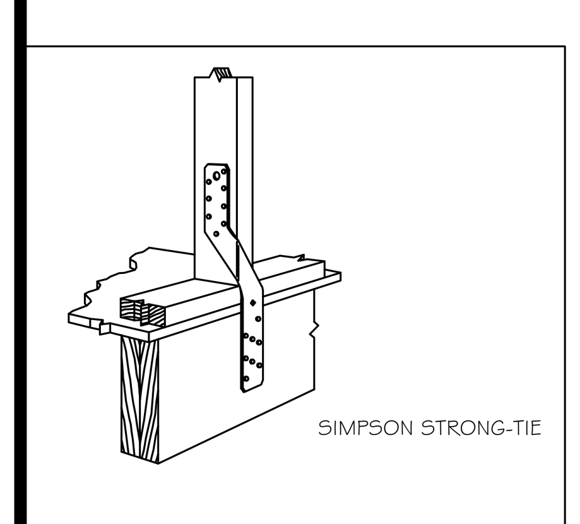


M POST TO BEAM



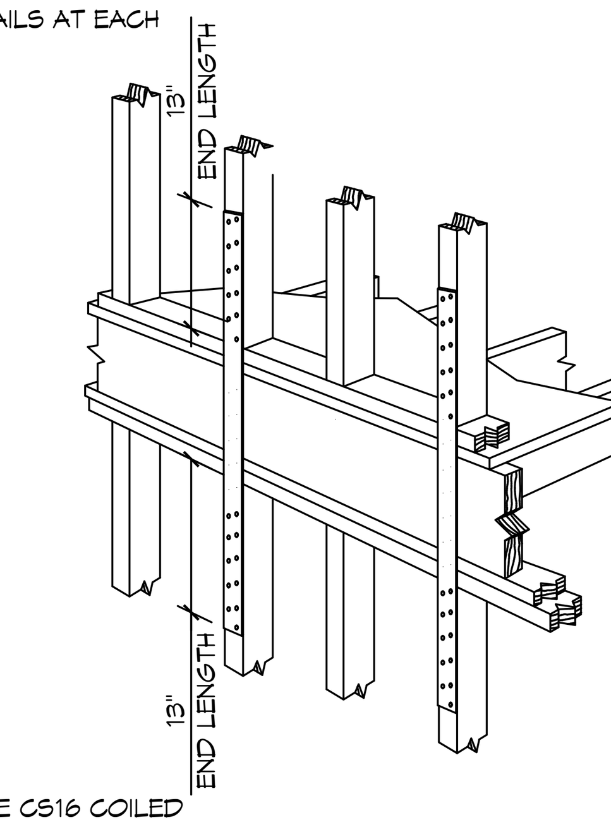
L END WALL CONNECTIONS

K SIMPSON MSTAM36



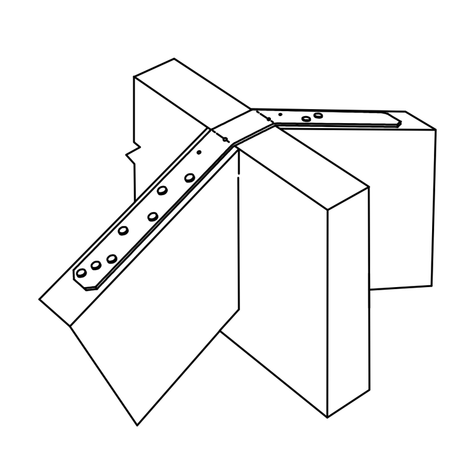
J STUD TO BAND JOIST

NOTE: SPACE NAILS AT EACH NAIL HOLE



SIMPSON STRONG-TIE CS16 COILED STRAPS AT 32" OC

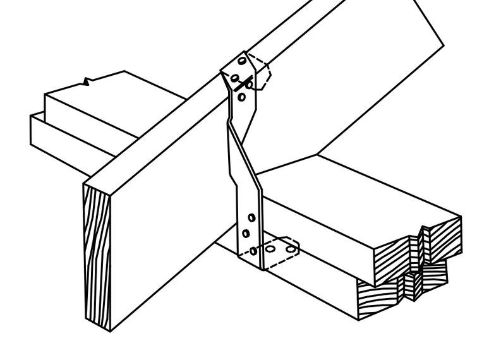
H FLOOR TO FLOOR



SIMPSON STRONG-TIE

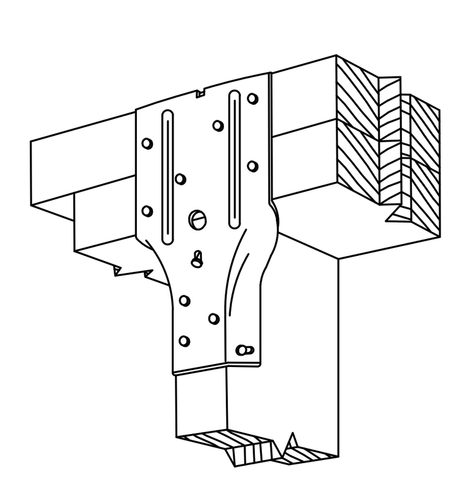
AT ALL RIDGE CONNECTIONS

G RIDGE BEAM/BOARD



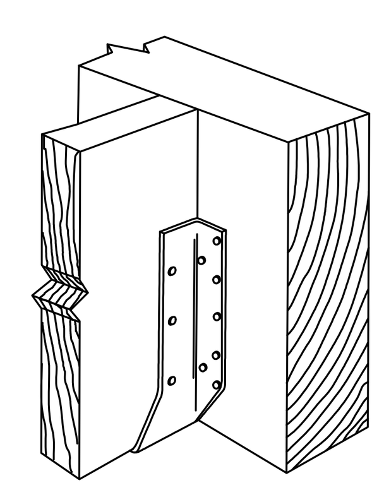
SIMPSON STRONG-TIE

F TOP PLATE TO RAFTER



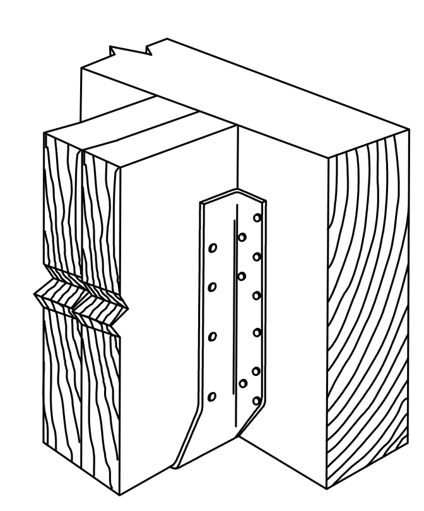
SIMPSON STRONG-TIE

E STUD TO TOP PLATE



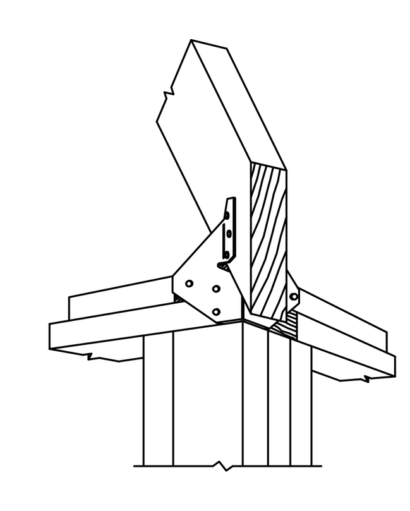
SIMPSON STRONG-TIE

D FLOOR JOIST



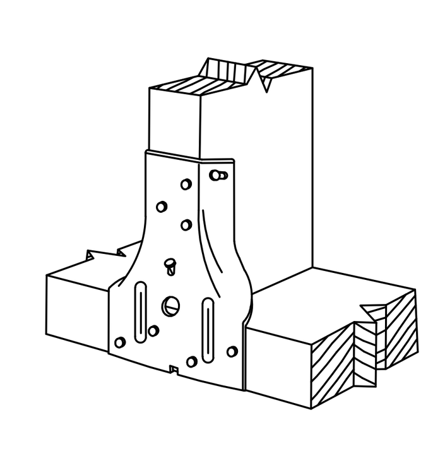
SIMPSON STRONG-TIE

C DBL FLOOR JOIST



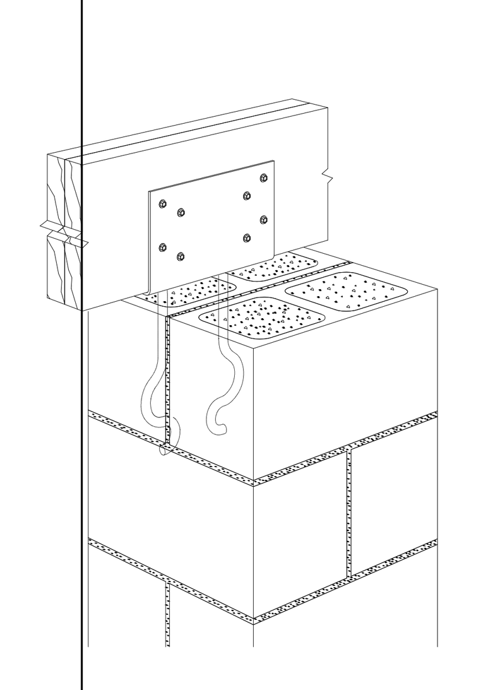
SIMPSON STRONG-TIE

B HIP RAFTER

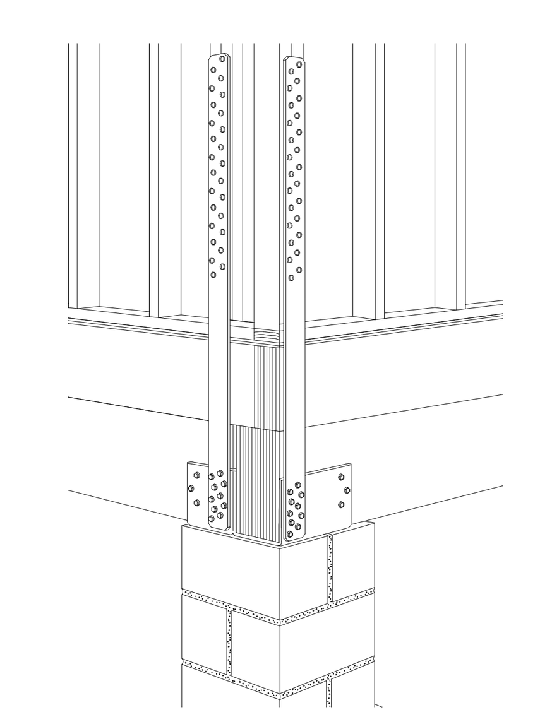


SIMPSON STRONG-TIE

A STUD TO SILL PLATE



J SIMPSON CCTGM



J SIMPSON ECCLGM

TYPICAL CONNECTION DETAILS

SCALE: NTS

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REVISIONS

#	DESCRIPTION	DATE

STATE OF LOUISIANA
BRIAN A. MISTICH
License No. 30187
PROFESSIONAL ENGINEER

JAY & WENDY BADEAUX
218 MARLIN DRIVE
SLIDELL, LA. 70461

JOB No:
DATE: 08-20-2025
DRAWN BY: DD/KJK
CHECKED BY: CKD

SHEET TITLE:
TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES

DRAWING NUMBER:
S107