

MISCELLANEOUS

THE TRADE SUB-CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL SAFETY REGULATIONS, PROGRAMS AND PRECAUTIONS RELATED TO ALL WORK ON THIS PROJECT AND FOR THE PROTECTION OF PERSONS AND PROPERTY EITHER ON OR ADJACENT TO THE PROJECT AND SHALL PROTECT SAME AGAINST INJURY, DAMAGE OR LOSS.

THE TRADE SUB-CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED ON THE STRUCTURE. SUCH LOADS SHALL NOT EXCEED THE CAPACITY OF THE STRUCTURE AT ANY TIME.

THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION, AND ANY TEMPORARY BRACING OR SUPPORT REQUIRED TO ACCOMMODATE THE TRADE SUB-CONTRACTOR'S MEANS AND METHODS ARE THE RESPONSIBILITY OF THE TRADE SUB-CONTRACTOR.

THE TRADE SUB-CONTRACTOR IS TO VERIFY ALL OPENING SIZES AND LOCATIONS WITH THE REQUIREMENTS OF OTHER TRADES PRIOR TO FABRICATION AND ERECTION.

STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS, AND THE TRADE SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING THAT THE WORK OF ALL TRADES IS COORDINATED WITH STRUCTURAL WORK.

EARTH RETAINING WALLS, OTHER THAN CANTILEVERED TYPE WALLS, SHALL BE ADEQUATELY BRACED UNTIL CONCRETE FOR SUPPORTING SLABS HAS BEEN PLACED AND ALL CONCRETE HAS CURED.

THE TRADE SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING, FURNISHING, ERECTING AND REMOVING ANY TEMPORARY SHORING AND BRACING DURING CONSTRUCTION.

THE ARCHITECT AND ENGINEER SHALL BE NOTIFIED AT THE PROPER TIME WHEN ALL ITEMS ARE READY FOR OBSERVATION. SUFFICIENT NOTICE SHALL BE GIVEN BY THE TRADE SUB-CONTRACTOR TO ALLOW FOR SCHEDULING OF OBSERVATIONS.

SAFETY REGULATIONS SHALL BE STRICTLY FOLLOWED BY THE TRADE SUB-CONTRACTOR OR SUBCONTRACTOR DURING ALL TIMES OF WORK ON THIS PROJECT. THE ARCHITECT OR ENGINEER SHALL NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. FOR ACTS OF OMISSIONS OF THE TRADE SUB-CONTRACTOR, SUBCONTRACTORS, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

ALL SPECIALTY BOLTS, INCLUDING EXPANSION TYPE AND EPOXY TYPE ANCHORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS.

THE TRADE SUB-CONTRACTOR SHALL PROTECT FROM DAMAGES EXISTING BUILDING(S), OWNER EQUIPMENT, ROADS, WALKS AND UTILITIES. THE TRADE SUB-CONTRACTOR SHALL MAINTAIN THESE DURING THE COURSE OF THE WORK, AND SHALL REPAIR ALL DAMAGES AT NO ADDITIONAL EXPENSE TO THE OWNER.

IN AREAS WHERE THE DRAWINGS DO NOT ADDRESS METHODOLOGY, THE TRADE SUB-CONTRACTOR SHALL BE BOUND TO PERFORM IN STRICT COMPLIANCE WITH MANUFACTURER'S SPECIFICATIONS AND/OR RECOMMENDATIONS.

ON-SITE VERIFICATION OF ALL DIMENSIONS AND CONDITIONS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS. NOTED DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE.

THE GENERAL NOTES AND TYPICAL DETAILS APPLY THROUGHOUT THE JOB UNLESS OTHERWISE NOTED OR SHOWN.

THE TRADE SUB-CONTRACTOR SHALL COMPARE AND COORDINATE ALL DRAWINGS. IF A DISCREPANCY EXISTS, HE SHALL PROMPTLY REPORT IT FOR PROPER ADJUSTMENT BEFORE PROCEEDING WITH THE WORK.

IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SIMILAR CONDITIONS THAT ARE SHOWN OR NOTED.

THESE PLANS ARE SUBJECT TO MODIFICATIONS AS NECESSARY TO MEET CODE REQUIREMENTS OR TO FACILITATE MECHANICAL, PLUMBING INSTALLATIONS OR TO INCORPORATE DESIGN IMPROVEMENTS.

DO NOT BUILD OVER GAS LINES OR ENCLOSE THE METER. CONSULT THE LOCAL GAS COMPANY PRIOR TO CONSTRUCTION.

CHIMNEY SHALL EXTEND AT LEAST 2 FEET HIGHER THAN ANY PORTION OF THE BUILDING WITHIN 10 FEET, BUT SHALL NOT BE LESS THAN 3 FEET ABOVE THE POINT WHERE IT PASSES THROUGH THE ROOF.

DECKS ARE NOT APPROVED FOR FUTURE HOT TUB INSTALLATION.

NO OPENING NOR ANY CHANGES IN SIZE, DIMENSION OR LOCATION SHALL BE MADE IN ANY STRUCTURAL ELEMENTS WITHOUT WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.

CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO ORDERING MATERIALS OR PROCEEDING WITH NEW WORK IN AREAS AFFECTED BY EXISTING CONDITIONS. STRUCTURAL ENGINEER SHALL BE INFORMED IN WRITING OF CONFLICTS BETWEEN EXISTING AND PROPOSED NEW CONSTRUCTION.

CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL DIMENSIONS SHOWN ON THE CONTRACT DOCUMENTS. INCONSISTENCIES ON THE STRUCTURAL DRAWINGS OR BETWEEN THE STRUCTURAL DRAWINGS AND ANY OTHER CONTRACT, SHOP, FABRICATION, OR OTHER DRAWINGS OR INFORMATION SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER PRIOR TO PROCEEDING WITH AFFECTED WORK.

THE STRUCTURAL INTEGRITY OF THE BUILDING IS DEPENDANT UPON COMPLETION ACCORDING TO PLANS AND SPECIFICATIONS. THE STRUCTURAL ENGINEER ASSUMES NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION. THE METHOD OF CONSTRUCTION AND SEQUENCE OF OPERATIONS IS THE SOLE RESPONSIBILITY OF THE TRADE SUB-CONTRACTOR. THE TRADE SUB-CONTRACTOR SHALL SUPPLY ANY NECESSARY SHORING, BRACING, GUTS, ETC., TO PROPERLY BRACE THE STRUCTURE AGAINST WIND, DEAD AND LIVE LOADS UNTIL THE BUILDING IS COMPLETED ACCORDING TO THE PLANS AND SPECIFICATIONS.

CONTRACTOR SHALL NOT PLACE BACK FILL AGAINST BASEMENT WALLS UNTIL THE FLOOR SYSTEM IS COMPLETELY INSTALLED OR CONTRACTOR HAS PROVIDED ADEQUATE SHORING AND BRACING. ANY QUESTIONS REGARDING TEMPORARY SHORING REQUIREMENTS SHOULD BE FORWARDED TO THE STRUCTURAL ENGINEER FOR REVIEW.

FOUNDATION WALL STRIP FOOTING SCHEDULE

PLAIN CONCRETE FOOTING CONVERSION TABLE
SOIL CLASSIFICATIONS / PRESUMPTIVE BEARING CAPACITIES

DESIGN CAPACITY (1500 psf)	CL, ML, MH & CH (2000 psf)	GM, GP (3000 psf)
8' x 12"	8' x 12"	8' x 12"
8' x 24"	8' x 18"	8' x 14"
10' x 28"	8' x 22"	8' x 18"
10' x 30"	8' x 22"	8' x 18"
16' x 40"	10' x 30"	8' x 24"

THICKENED SLAB CONVERSION TABLE
SOIL CLASSIFICATIONS / PRESUMPTIVE BEARING CAPACITIES

DESIGN CAPACITY (1500 psf)	CL, ML, MH & CH (2000 psf)	GM, GP (3000 psf)
T516	8' x 12"	8' x 12"
T518	8' x 16"	8' x 12"
T524	8' x 18"	8' x 16"

DOUBLE JOIST DETAIL (TYP)

2x FILLER BLOCK WITH OSB (24" LONG @ 3/4" O.C.)

(2) 10d NAILS CLINCHED @ 3" O.C. T.J. JOIST

3/4" PER FOOT

PARTIAL FASTENING SCHEDULE

DETAIL	CONNECTION	NAIL SIZE (LENGTH x DIAMETER IN INCHES)						
		3 1/2" x 0.162"	3 1/2" x 0.148"	3" x 0.148"	3 1/2" x 0.135"	3 1/2" x 0.131"	3" x 0.131"	2 1/2" x 0.131"
	BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE (TOE NAIL - EACH END)	3	3	3	3	3	3	3
	CEILING JOISTS TO TOP PLATE (TOE NAIL)	3	3	3	3	3	3	3
	CEILING JOIST, LAP OVER PARTITION (NO THRUST) (FACE NAIL)	3	4	4	4	4	4	4
	CEILING JOIST TO PARALLEL RAFTER	SEE IRC TABLE R802.5.1(9)						
	COLLAR TIE TO RAFTER (FACE NAIL)	3	3	3	4	4	4	5
	RAFTER / TRUSS TO PLATE (TOE NAIL)	3	3	3	3	4	4	4
	RAFTER TO RIDGE, VALLEY OR HIP RAFTER OR ROOF RAFTER (END NAIL)	3	4	4	4	5	5	5
	RAFTER TO RIDGE, VALLEY OR HIP RAFTER OR ROOF RAFTER (TOE NAIL)	3	4	4				
	STUD TO STUD (FACE NAIL) (NOT AT BRACED PANEL)	2 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
	ABUTTING STUDS AT CORNERS AND INTERSECTION (FACE NAIL) (NOT AT BRACED PANEL)	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
	STUD TO STUD (FACE NAIL) (AT BRACED PANEL)	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
	ABUTTING STUDS AT CORNERS AND INTERSECTION (FACE NAIL) (AT BRACED PANEL)	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
	BUILT UP HEADER, TWO PIECES WITH 1/2" SPACER	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
	CONTINUOUS HEADER TO STUD (TOE NAIL)	3	4	4	4	4	4	4
	KING STUD TO HEADER (FACE NAIL) (EACH PLY)	2x6	2	2	2	2	2	2
	TOP PLATE TO TOP PLATE (FACE NAIL)	2x8	3	3	3	3	3	3
	DOUBLE TOP PLATE LAP SPLICE (FACE NAIL) (1/4" MINIMUM)	2x10	3	3	3	3	3	3
	SOLE PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (FACE NAIL) (NOT AT BRACED PANEL)	2x12	4	4	4	4	4	4
	SOLE PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (FACE NAIL) (AT BRACED PANEL)	2 @ 16"	3 @ 16"	3 @ 16"	3 @ 16"	4 @ 16"	4 @ 16"	4 @ 16"
	TOP OR BOTTOM PLATE TO STUD (END NAIL)	3	3	3	3	4	4	4
	TOP OR BOTTOM PLATE TO STUD (TOE NAIL)	3	4	4	4	4	4	4
	DOUBLE TOP PLATE OVERLAP AT CORNERS AND INTERSECTION (FACE NAIL)	2	3	3	3	3	3	3
	JOIST TO TOP/SILL PLATE OR GIRDER (TOE NAIL)	3	3	3	3	3	3	3
	RIM JOIST, BAND JOIST OR BLOCKING TO TOP/SILL PLATE (TOE NAIL)	6"	6"	6"	6"	6"	6"	6"
	BAND OR RIM JOIST TO JOIST (END NAIL)	3	4	4	4	4	4	4
	BUILT-UP BEAM AND GIRDERS (FACE NAIL AT TOP AND BOTTOM)	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"
	FLUS AT ENDS OR SPLICES	3	3	3	3	3	3	3

NAILS CAN BE PNEUMATIC OR STANDARD PENNY WEIGHT NAILS

FILLER AND BACKER BLOCK SIZES

	110	210	290 OR 360	560
DEPTH	9-1/2" OR 11-1/2"	14"	9-1/2" OR 11-1/2"	14" OR 16"
FILLER BLOCK (DETAIL H2)	2x6	2x8	2x6 + 3/8" SHEATHING	2x8 + 3/8" SHEATHING
			2x6 + 1/2" SHEATHING	2x8 + 1/2" SHEATHING
			TWO	TWO
			2x6	2x8

* IF NECESSARY, INCREASE FILLER AND BACKER BLOCK HEIGHT FOR FACE MOUNT HANGERS AND MAINTAIN 1/8" GAP AT TOP OF JOIST.

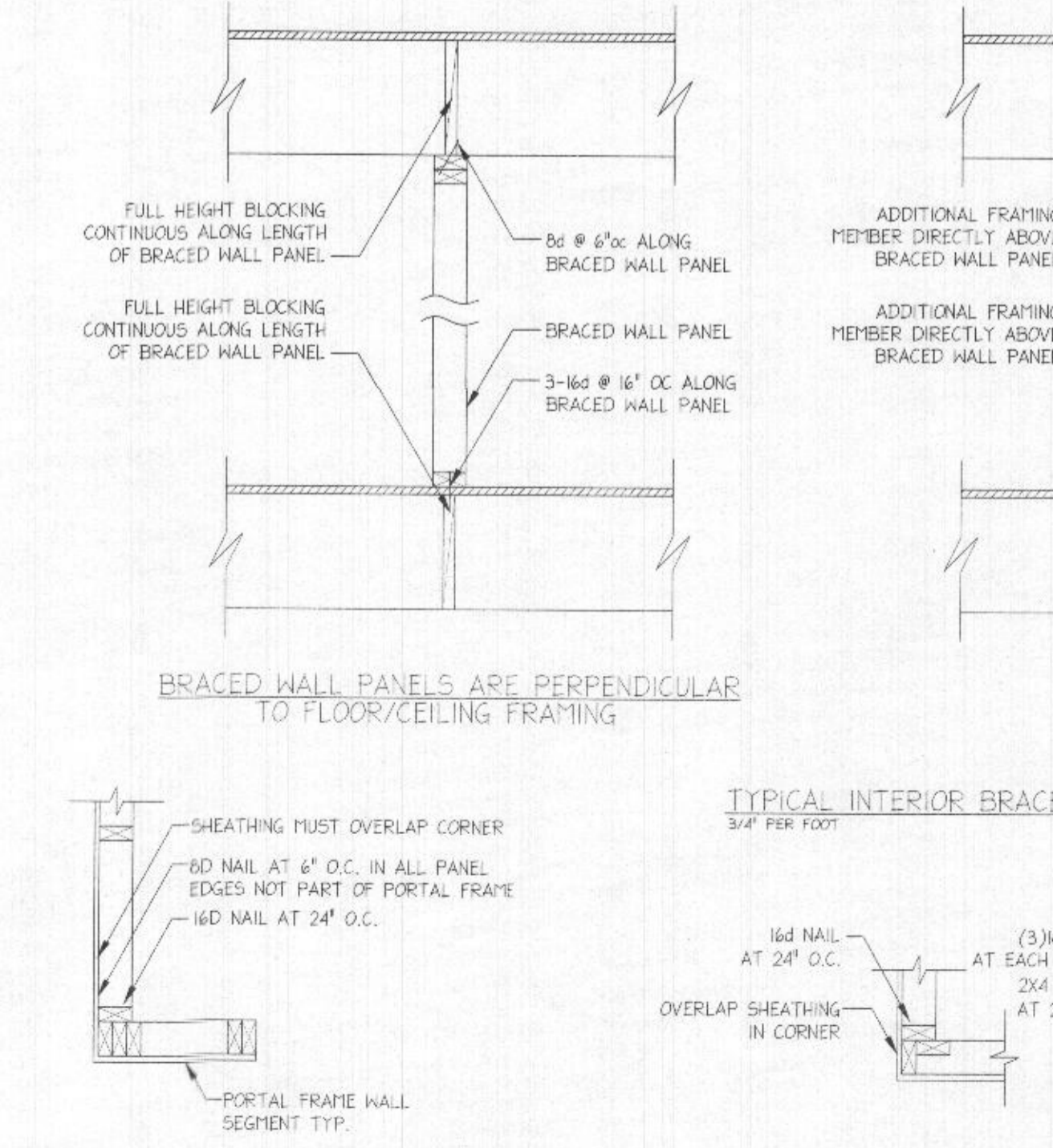
PARTIAL SHEATHING FASTENING SCHEDULE

SHEATHING	FASTENERS	SPACING OF FASTENERS	
		EDGES	BODY OF PANEL
3/4" - 1/2" PLYWOOD	6d COMMON (2"x0.131") (FLOOR, WALL) 8d COMMON (2 1/2"x0.131") (ROOF)	6	12
5/8" - 1" PLYWOOD	8d COMMON (2 1/2"x0.131")	6	12
1/2" - 3/4" PLYWOOD	10d COMMON (3"x0.148") OR 8d (2 1/2"x0.131") DEFORMED	6	12
3/8" GYPSUM	1 1/2" GALV ROOFING; 1 1/2" GALV STAPLE; 1 1/4" SCREW (TYPE S OR W)	4	8
5/8" GYPSUM	1 3/4" GALV ROOFING; 1 5/8" GALV STAPLE; 5/8" SCREW (TYPE S OR W)	4	8

FOR ALTERNATE FASTENERS AND SPACINGS SEE IRC TABLE R602.3(2)

GARAGE GRADE BEAM SCHEDULE

SPAN (FT)	BEAM SIZE (WxD)	DEPTH (d)	FLEXURE REINFORCEMENT
14	16" x 16"	12.75"	(3) #4
16	18" x 16"	12.75"	(4) #4
18	18" x 18"	14.75"	(5) #4
20	18" x 20"	16.75"	(5) #4
21	20" x 20"	16.75"	(6) #4
22	18" x 22"	18.75"	(6) #4
23	20" x 22"	18.75"	(7) #4
24	20" x 24"	20.75"	(7) #4
25	20" x 24"	20.75"	(7) #4
26	20" x 26"	22.6875"	(5) #5
28	20" x 28"	24.6875"	(6) #5
30	20" x 30"	26.6875"	(6) #5
32	20" x 34"	30.6875"	(6) #5
34	20" x 36"	32.6875"	(7) #5
36	22" x 36"	32.6875"	(8) #5



ISOLATED FOOTING SCHEDULE

SQUARE, ISOLATED FOOTING SPECIFICATIONS

MARK (FIB)	SOIL CLASSIFICATIONS/PRESUMPTIVE BEARING CAPACITIES		EQUIVALENT FOOTINGS	
	CL, ML, MH & CH (1500psf)	GM, GP (3000psf)	SW, SP, SM (2500psf)	GW, GP (3000psf)
F24	24" x 12"-0	24" x 12"-0	24" x 12"-0	24" x 12"-0
F26	26" x 12"-0	24" x 12"-0	24" x 12"-0	24" x 12"-0
F28	28" x 12"-0	24" x 12"-0	24" x 12"-0	24" x 12"-0
F30	30" x 12"-0	26" x 12"-0	24" x 12"-0	24" x 12"-0
F32	32" x 12"-0	28" x 12"-0	26" x 12"-0	24" x 12"-0
F34	34" x 12"-0	30" x 12"-0	28" x 12"-0	26" x 12"-0
F36	36" x 12"-0	32" x 12"-0	30" x 12"-0	28" x 12"-0
F38	38" x 12"-0	34" x 12"-0	32" x 12"-0	30" x 12"-0
F40	40" x 12"-0	36" x 12"-0	32" x 12"-0	30" x 12"-0
F42	42" x 12"-3	38" x 12"-2	32" x 12"-0	30" x 12"-0
F44	44" x 12"-3	38" x 12"-2	34" x 12"-2	32" x 12"-2
F46	46" x 12"-3	40" x 12"-2	36" x 12"-2	34" x 12"-2
F48	48" x 12"-3	42" x 12"-3	38" x 12"-2	36" x 12"-2
F50	50" x 12"-3	44" x 12"-3	40" x 12"-2	38" x 12"-2
F52	52" x 12"-3	46" x 12"-3	42" x 12"-3	40" x 12"-2
F54	54" x 12"-3	48" x 12"-3	44" x 12"-3	40" x 12"-2
F56	56" x 12"-4	48" x 12"-3	44" x 12"-3	40" x 12"-2
F58	58" x 12"-4	50" x 12"-4	46" x 12"-4	42" x 12"-3
F60	60" x 12"-5	52" x 12"-4	48" x 12"-4	44" x 12"-4
F62	62" x 12"-5	54" x 12"-5	48" x 12"-4	44" x 12"-4
F64	64" x 12"-6	56" x 12"-5	50" x 12"-5	46" x 12"-4
F66	66" x 12"-6	58" x 12"-6	52" x 12"-5	48" x 12"-5
F68	68" x 12"-7	60" x 12"-6	54" x 12"-6	50" x 12"-5
F70	70" x 12"-7	60" x 12"-6	54" x 12"-6	50" x 12"-5
F72	72" x 12"-8	62" x 12"-7	56" x 12"-6	52" x 12"-6
F74	74" x 12"-8	64" x 12"-8	58" x 12"-7	54" x 12"-7
F76	76" x 12"-10	66" x 12"-8	60" x 12"-8	56" x 12"-7
F78	78" x 14"-10	68" x 14"-9	62" x 14"-8	58" x 14"-8
F80	80" x 14"-11	70" x 14"-9	64" x 14"-9	60" x 14"-8
F82	82" x 14"-11	70" x 14"-9	64" x 14"-9	60" x 14"-8
F84	84" x 14"-12	72" x 14"-10	64" x 14"-9	60" x 14"-8
F86	86" x 14"-12	74" x 14"-11	66" x 14"-9	62" x 14"-9
F88	88" x 14"-13	74" x 14"-11	68" x 14"-10	62" x 14"-10
F90	90" x 14"-13	76" x 14"-12	70" x 14"-11	64" x 14"-10
F92	92" x 14"-14	80" x 14"-12	72" x 14"-11	66" x 14"-11
F94	94" x 14"-15	82" x 14"-13	74" x 14"-12	68" x 14"-11
F96	96" x 16"-15	82" x 14"-13	74" x 14"-12	68" x 14"-11

N = NUMBER #4 BOTTOM BARS, EACH WAY

ROUND FOOTING SCHEDULE
SOIL CLASSIFICATIONS & PRESUMPTIVE BEARING CAPACITIES

MARK (FIB)	SOIL CLASSIFICATIONS & PRESUMPTIVE BEARING CAPACITIES		EQUIVALENT FOOTINGS	
	CL, ML, MH & CH (1500psf)	GM, GP (3000psf)	SW, SP, SM (2500psf)	GW, GP (3000psf)
F12	12" x 12"	F12	F12	F12
F14	14" x 12"	F14	F14	F14
F16	16" x 12"	F16	F16	F16
F18	18" x 12"	F18	F18	F18
F20	20" x 12"	F20	F20	F20
F22	22" x 12"	F22	F22	F22
F24	24" x 12"	F24	F24	F24

REINFORCEMENT EQUIVALENTS

NUMBER #4 BARS SPEC'D	NUMBER #5 BARS REQ'D
2	2
3	3
4	4
5	5
6	6
7	7
8</	

PROPOSED ADDITION

CALTON RESIDENCE
 1304 HAY MEADOW LANE
 SYKESVILLE, MARYLAND 21784

ARCHITECT
 Jonathan Rivera AIA, NCARB
 Howard County, Maryland

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BUILDER



AUG 06 2021

REVISIONS

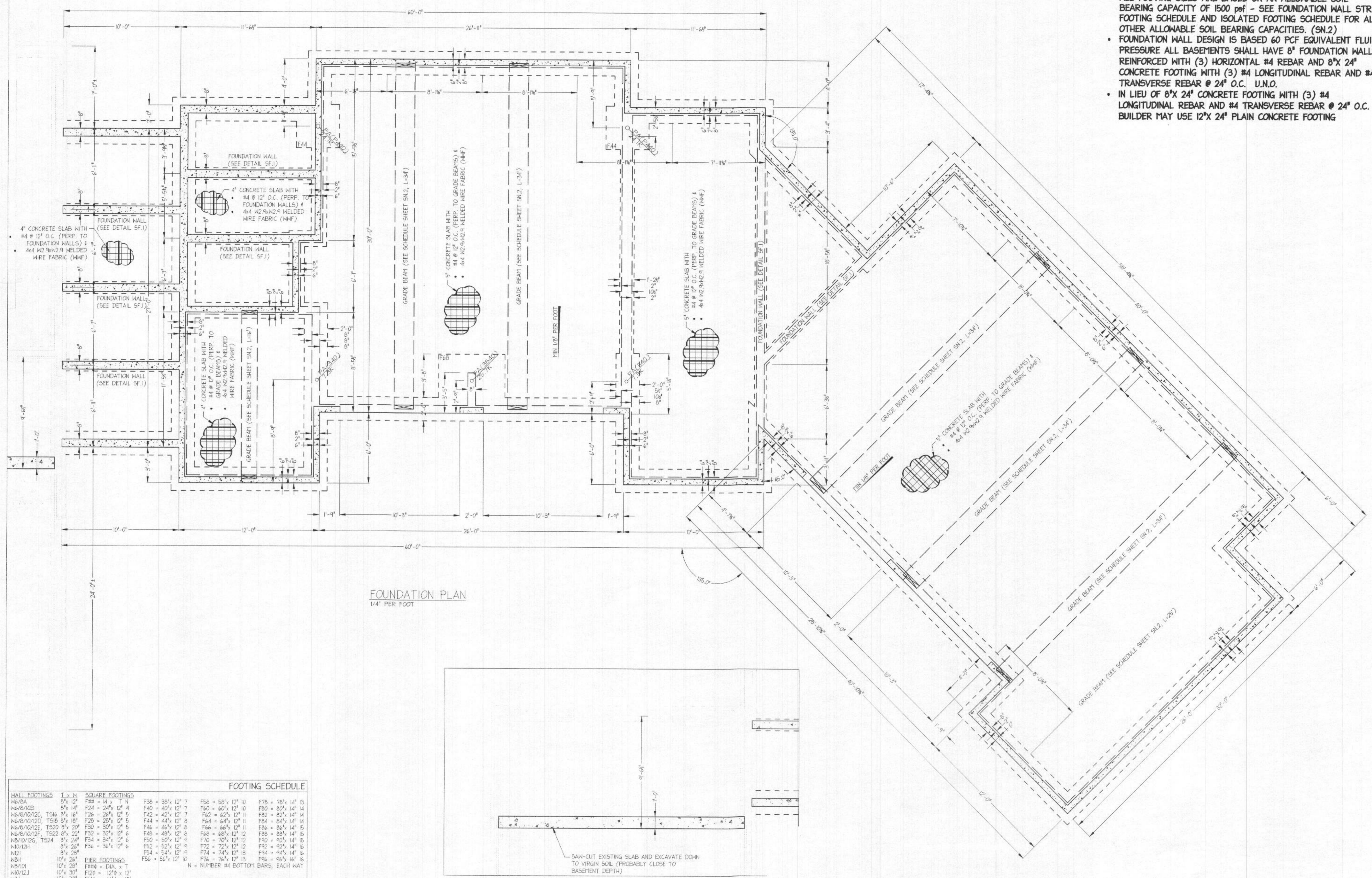
NO.	DATE	REVISION
1	5-20-20	REVISION

SCALE:
 FOUNDATION

SF.1

PRINT DATE:
 Wednesday, June 23, 2021

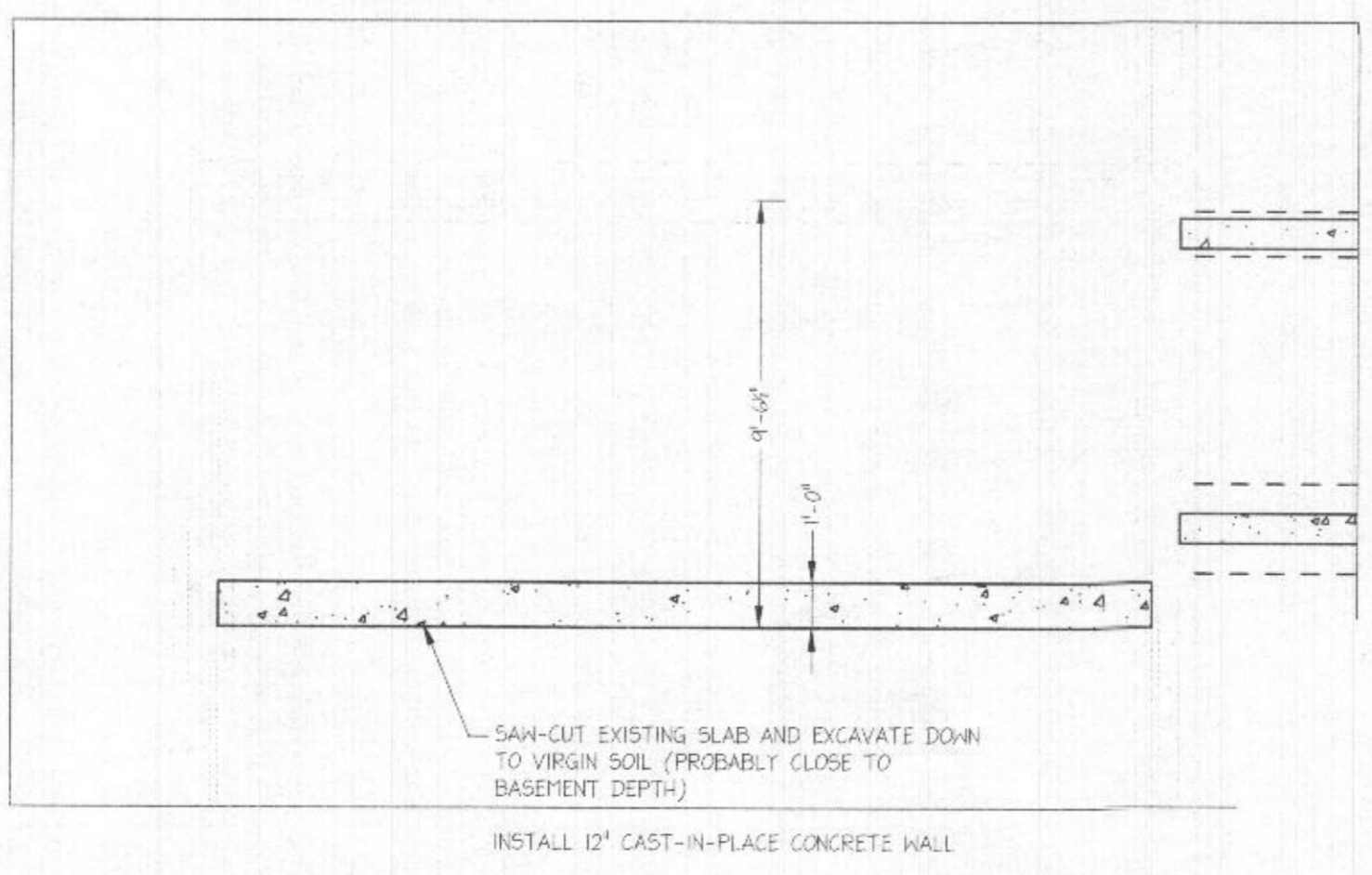
- NOTE:**
- ALL FOOTING SIZES ARE BASED ON AN ALLOWABLE SOIL BEARING CAPACITY OF 1500 psf - SEE FOUNDATION WALL STRIP FOOTING SCHEDULE AND ISOLATED FOOTING SCHEDULE FOR ALL OTHER ALLOWABLE SOIL BEARING CAPACITIES. (SN.2)
 - FOUNDATION WALL DESIGN IS BASED 60 PCF EQUIVALENT FLUID PRESSURE ALL BASEMENTS SHALL HAVE 8" FOUNDATION WALLS REINFORCED WITH (3) HORIZONTAL #4 REBAR AND 8"X 24" CONCRETE FOOTING WITH (3) #4 LONGITUDINAL REBAR AND #4 TRANSVERSE REBAR @ 24" O.C. U.N.O.
 - IN LIEU OF 8"X 24" CONCRETE FOOTING WITH (3) #4 LONGITUDINAL REBAR AND #4 TRANSVERSE REBAR @ 24" O.C. BUILDER MAY USE 12"X 24" PLAIN CONCRETE FOOTING



FOUNDATION PLAN
 1/4" PER FOOT

FOOTING SCHEDULE

WALL FOOTINGS	I x I	SQUARE FOOTINGS	PIER FOOTINGS	STEEL COLUMNS
#6/8/A	8" x 12"	F40 = 40" x 12" 7	F44 = DIA. x 1'	P311 3" x 11g ADJ STL COL
#6/8/B	8" x 14"	F42 = 42" x 12" 7	F46 = 14" x 12"	P35-40 3/8" SCHED 40 PIPE COL
#6/8/10/12C	TS16 8" x 16"	F44 = 44" x 12" 8	F48 = 16" x 12"	P3511 3/8" Igs ADJ STL COL
#6/8/10/12D	TS18 8" x 18"	F46 = 46" x 12" 8	F50 = 18" x 12"	P440 4" SCHED 40 PIPE COL
#6/8/10/12E	TS20 8" x 20"	F48 = 48" x 12" 8	F52 = 20" x 12"	P411 4" Igs ADJ STL COL
#6/8/10/12F	TS22 8" x 22"	F50 = 50" x 12" 9	F54 = 22" x 12"	P540 5" SCHED 40 PIPE COL
#6/10/12G	TS24 8" x 24"	F52 = 52" x 12" 9	F56 = 24" x 12"	P340 3" SCHED 40 PIPE COL
#10/12H	8" x 26"	F54 = 54" x 12" 10		P640 6" SCHED 40 PIPE COL
#12I	8" x 28"			
#8/10	10" x 26"			
#10/12J	10" x 30"			
#8/10/12K	12" x 32"			
#10/12L	12" x 34"			
#12M	14" x 34"			
#8/10/12N	14" x 36"			



PROPOSED ADDITION

CALTON RESIDENCE
1304 HAY MEADOW LANE
SYKESVILLE, MARYLAND 21784

ARCHITECT
Jonathan Rivera AIA, NCARB
Howard County, Maryland

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BUILDER



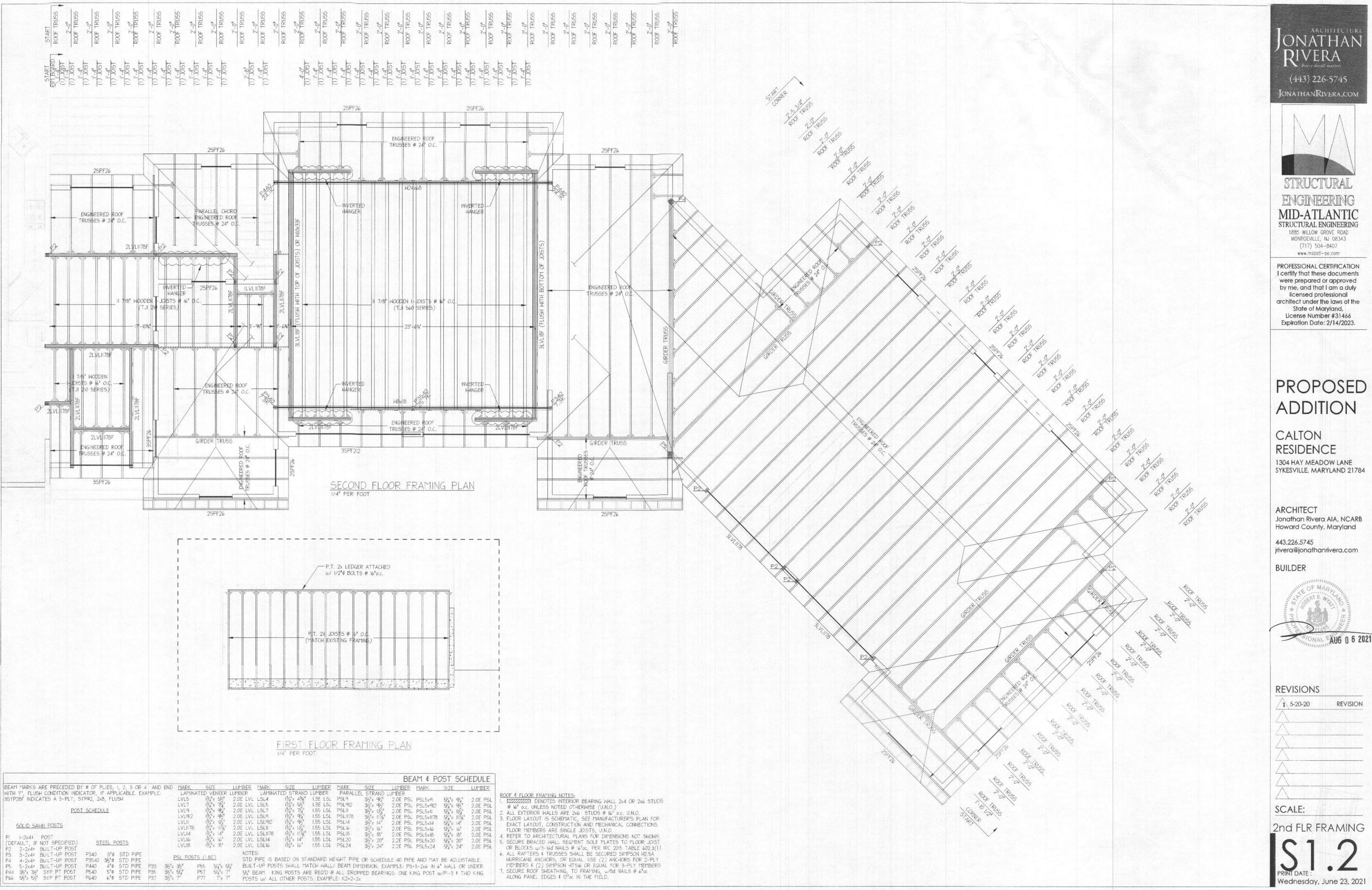
REVISIONS

NO.	DATE	REVISION
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SCALE:

2nd FLR FRAMING

S1.2
PRINT DATE:
Wednesday, June 23, 2021

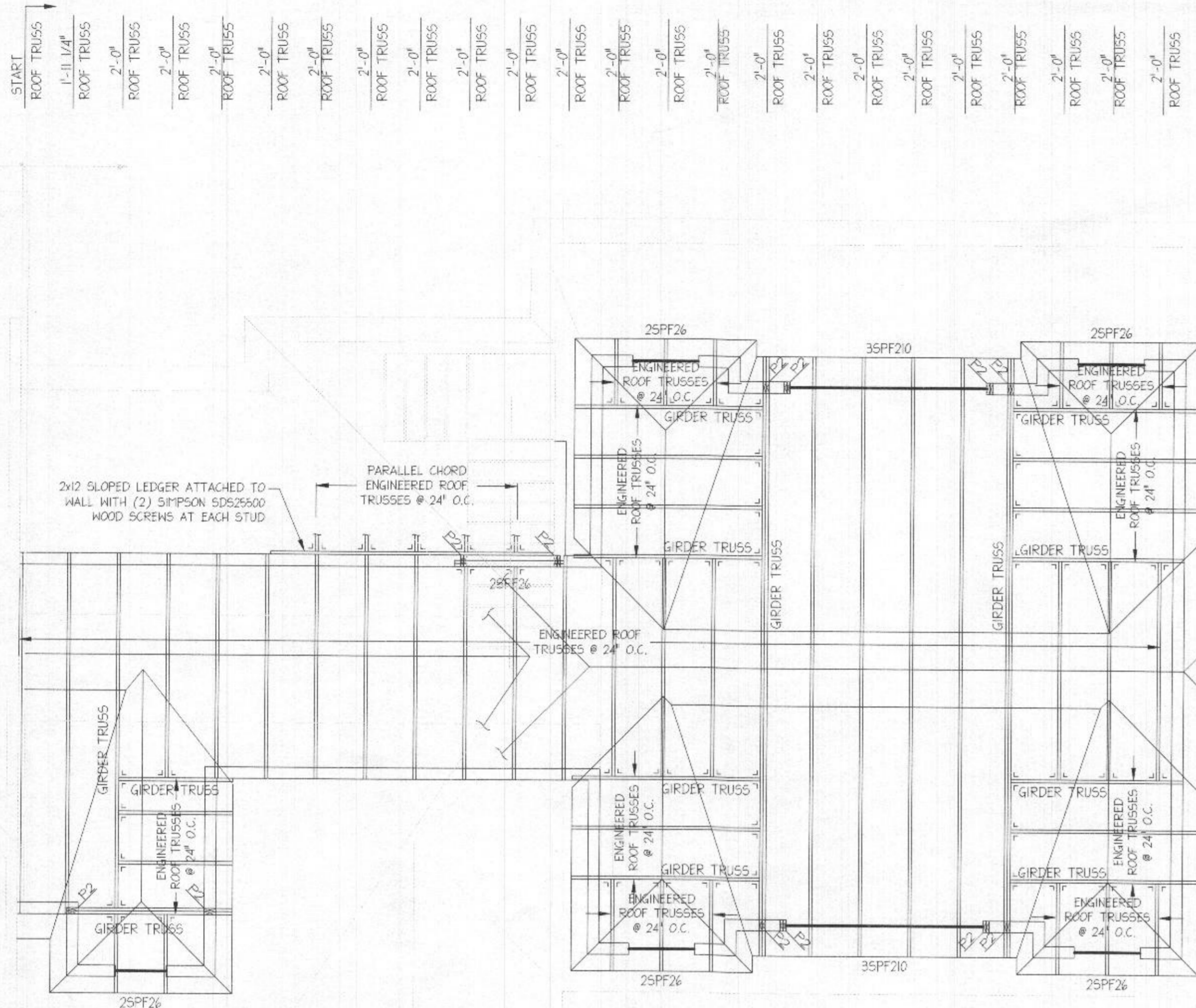


SECOND FLOOR FRAMING PLAN
1/4" PER FOOT

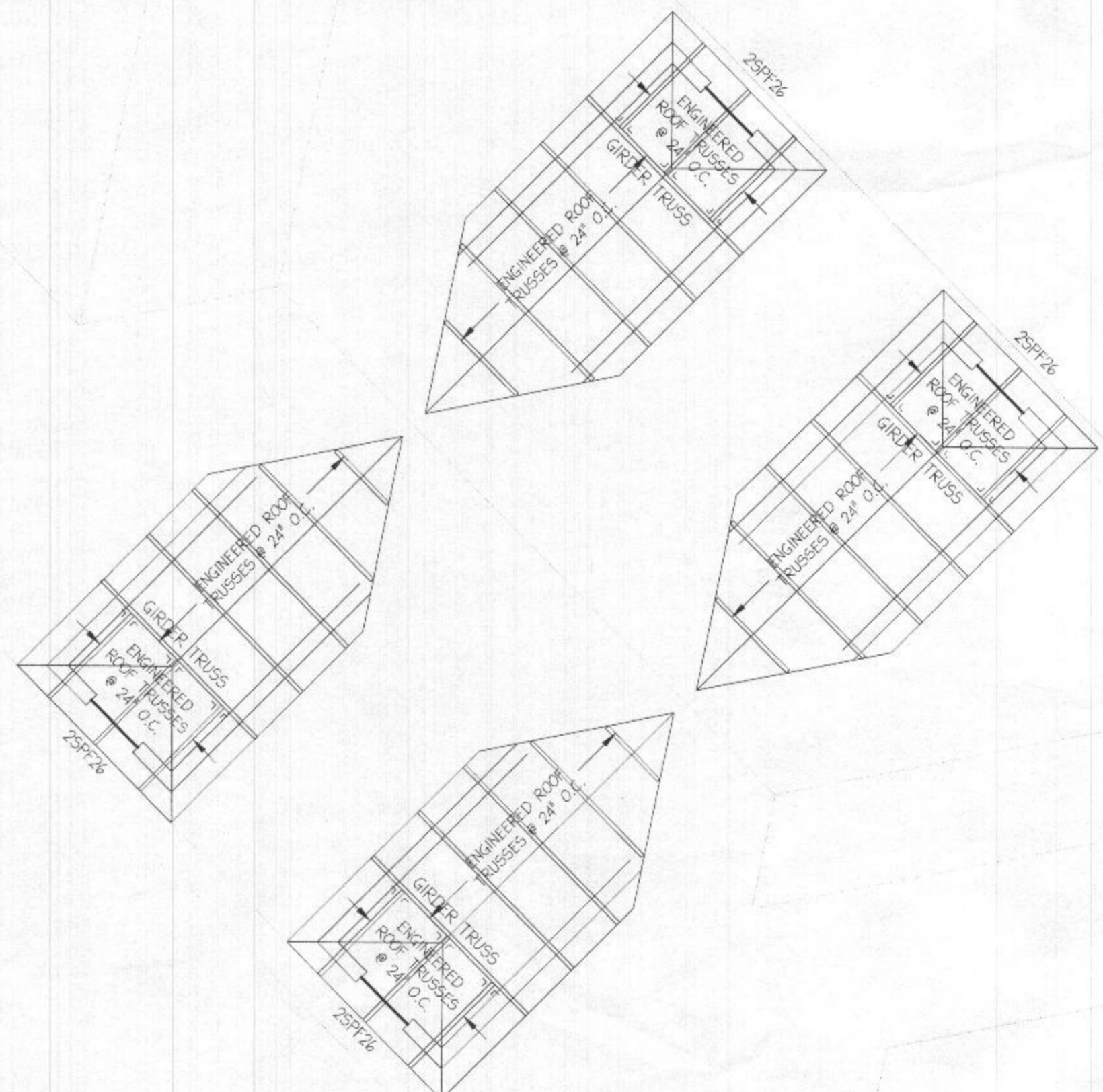
FIRST FLOOR FRAMING PLAN
1/4" PER FOOT

BEAM & POST SCHEDULE

MARK	SIZE	LUMBER	MARK	SIZE	LUMBER	MARK	SIZE	LUMBER
LVL5	3 1/2" x 5 1/2"	2.0E LVL L5L4	PSL9	3 1/2" x 9 1/2"	2.0E PSL PSL5x9	PSL10	3 1/2" x 9 1/2"	2.0E PSL PSL5x9
LVL7	3 1/2" x 7 1/2"	2.0E LVL L5L5	PSL11	3 1/2" x 11 1/2"	2.0E PSL PSL5x11	PSL12	3 1/2" x 11 1/2"	2.0E PSL PSL5x11
LVL9	3 1/2" x 9 1/2"	2.0E LVL L5L7	PSL13	3 1/2" x 13 1/2"	2.0E PSL PSL5x13	PSL14	3 1/2" x 13 1/2"	2.0E PSL PSL5x13
LVL11	3 1/2" x 11 1/2"	2.0E LVL L5L9	PSL15	3 1/2" x 15 1/2"	2.0E PSL PSL5x15	PSL16	3 1/2" x 15 1/2"	2.0E PSL PSL5x15
LVL13	3 1/2" x 13 1/2"	2.0E LVL L5L11	PSL17	3 1/2" x 17 1/2"	2.0E PSL PSL5x17	PSL18	3 1/2" x 17 1/2"	2.0E PSL PSL5x17
LVL15	3 1/2" x 15 1/2"	2.0E LVL L5L13	PSL19	3 1/2" x 19 1/2"	2.0E PSL PSL5x19	PSL20	3 1/2" x 19 1/2"	2.0E PSL PSL5x19
LVL17	3 1/2" x 17 1/2"	2.0E LVL L5L15	PSL21	3 1/2" x 21 1/2"	2.0E PSL PSL5x21	PSL22	3 1/2" x 21 1/2"	2.0E PSL PSL5x21
LVL19	3 1/2" x 19 1/2"	2.0E LVL L5L17	PSL23	3 1/2" x 23 1/2"	2.0E PSL PSL5x23	PSL24	3 1/2" x 23 1/2"	2.0E PSL PSL5x23
LVL21	3 1/2" x 21 1/2"	2.0E LVL L5L19	PSL25	3 1/2" x 25 1/2"	2.0E PSL PSL5x25	PSL26	3 1/2" x 25 1/2"	2.0E PSL PSL5x25
LVL23	3 1/2" x 23 1/2"	2.0E LVL L5L21	PSL27	3 1/2" x 27 1/2"	2.0E PSL PSL5x27	PSL28	3 1/2" x 27 1/2"	2.0E PSL PSL5x27
LVL25	3 1/2" x 25 1/2"	2.0E LVL L5L23	PSL29	3 1/2" x 29 1/2"	2.0E PSL PSL5x29	PSL30	3 1/2" x 29 1/2"	2.0E PSL PSL5x29
LVL27	3 1/2" x 27 1/2"	2.0E LVL L5L25	PSL31	3 1/2" x 31 1/2"	2.0E PSL PSL5x31	PSL32	3 1/2" x 31 1/2"	2.0E PSL PSL5x31
LVL29	3 1/2" x 29 1/2"	2.0E LVL L5L27	PSL33	3 1/2" x 33 1/2"	2.0E PSL PSL5x33	PSL34	3 1/2" x 33 1/2"	2.0E PSL PSL5x33
LVL31	3 1/2" x 31 1/2"	2.0E LVL L5L29	PSL35	3 1/2" x 35 1/2"	2.0E PSL PSL5x35	PSL36	3 1/2" x 35 1/2"	2.0E PSL PSL5x35
LVL33	3 1/2" x 33 1/2"	2.0E LVL L5L31	PSL37	3 1/2" x 37 1/2"	2.0E PSL PSL5x37	PSL38	3 1/2" x 37 1/2"	2.0E PSL PSL5x37
LVL35	3 1/2" x 35 1/2"	2.0E LVL L5L33	PSL39	3 1/2" x 39 1/2"	2.0E PSL PSL5x39	PSL40	3 1/2" x 39 1/2"	2.0E PSL PSL5x39
LVL37	3 1/2" x 37 1/2"	2.0E LVL L5L35	PSL41	3 1/2" x 41 1/2"	2.0E PSL PSL5x41	PSL42	3 1/2" x 41 1/2"	2.0E PSL PSL5x41
LVL39	3 1/2" x 39 1/2"	2.0E LVL L5L37	PSL43	3 1/2" x 43 1/2"	2.0E PSL PSL5x43	PSL44	3 1/2" x 43 1/2"	2.0E PSL PSL5x43
LVL41	3 1/2" x 41 1/2"	2.0E LVL L5L39	PSL45	3 1/2" x 45 1/2"	2.0E PSL PSL5x45	PSL46	3 1/2" x 45 1/2"	2.0E PSL PSL5x45
LVL43	3 1/2" x 43 1/2"	2.0E LVL L5L41	PSL47	3 1/2" x 47 1/2"	2.0E PSL PSL5x47	PSL48	3 1/2" x 47 1/2"	2.0E PSL PSL5x47
LVL45	3 1/2" x 45 1/2"	2.0E LVL L5L43	PSL49	3 1/2" x 49 1/2"	2.0E PSL PSL5x49	PSL50	3 1/2" x 49 1/2"	2.0E PSL PSL5x49
LVL47	3 1/2" x 47 1/2"	2.0E LVL L5L45	PSL51	3 1/2" x 51 1/2"	2.0E PSL PSL5x51	PSL52	3 1/2" x 51 1/2"	2.0E PSL PSL5x51
LVL49	3 1/2" x 49 1/2"	2.0E LVL L5L47	PSL53	3 1/2" x 53 1/2"	2.0E PSL PSL5x53	PSL54	3 1/2" x 53 1/2"	2.0E PSL PSL5x53
LVL51	3 1/2" x 51 1/2"	2.0E LVL L5L49	PSL55	3 1/2" x 55 1/2"	2.0E PSL PSL5x55	PSL56	3 1/2" x 55 1/2"	2.0E PSL PSL5x55
LVL53	3 1/2" x 53 1/2"	2.0E LVL L5L51	PSL57	3 1/2" x 57 1/2"	2.0E PSL PSL5x57	PSL58	3 1/2" x 57 1/2"	2.0E PSL PSL5x57
LVL55	3 1/2" x 55 1/2"	2.0E LVL L5L53	PSL59	3 1/2" x 59 1/2"	2.0E PSL PSL5x59	PSL60	3 1/2" x 59 1/2"	2.0E PSL PSL5x59
LVL57	3 1/2" x 57 1/2"	2.0E LVL L5L55	PSL61	3 1/2" x 61 1/2"	2.0E PSL PSL5x61	PSL62	3 1/2" x 61 1/2"	2.0E PSL PSL5x61
LVL59	3 1/2" x 59 1/2"	2.0E LVL L5L57	PSL63	3 1/2" x 63 1/2"	2.0E PSL PSL5x63	PSL64	3 1/2" x 63 1/2"	2.0E PSL PSL5x63
LVL61	3 1/2" x 61 1/2"	2.0E LVL L5L59	PSL65	3 1/2" x 65 1/2"	2.0E PSL PSL5x65	PSL66	3 1/2" x 65 1/2"	2.0E PSL PSL5x65
LVL63	3 1/2" x 63 1/2"	2.0E LVL L5L61	PSL67	3 1/2" x 67 1/2"	2.0E PSL PSL5x67	PSL68	3 1/2" x 67 1/2"	2.0E PSL PSL5x67
LVL65	3 1/2" x 65 1/2"	2.0E LVL L5L63	PSL69	3 1/2" x 69 1/2"	2.0E PSL PSL5x69	PSL70	3 1/2" x 69 1/2"	2.0E PSL PSL5x69
LVL67	3 1/2" x 67 1/2"	2.0E LVL L5L65	PSL71	3 1/2" x 71 1/2"	2.0E PSL PSL5x71	PSL72	3 1/2" x 71 1/2"	2.0E PSL PSL5x71
LVL69	3 1/2" x 69 1/2"	2.0E LVL L5L67	PSL73	3 1/2" x 73 1/2"	2.0E PSL PSL5x73	PSL74	3 1/2" x 73 1/2"	2.0E PSL PSL5x73
LVL71	3 1/2" x 71 1/2"	2.0E LVL L5L69	PSL75	3 1/2" x 75 1/2"	2.0E PSL PSL5x75	PSL76	3 1/2" x 75 1/2"	2.0E PSL PSL5x75
LVL73	3 1/2" x 73 1/2"	2.0E LVL L5L71	PSL77	3 1/2" x 77 1/2"	2.0E PSL PSL5x77	PSL78	3 1/2" x 77 1/2"	2.0E PSL PSL5x77
LVL75	3 1/2" x 75 1/2"	2.0E LVL L5L73	PSL79	3 1/2" x 79 1/2"	2.0E PSL PSL5x79	PSL80	3 1/2" x 79 1/2"	2.0E PSL PSL5x79
LVL77	3 1/2" x 77 1/2"	2.0E LVL L5L75	PSL81	3 1/2" x 81 1/2"	2.0E PSL PSL5x81	PSL82	3 1/2" x 81 1/2"	2.0E PSL PSL5x81
LVL79	3 1/2" x 79 1/2"	2.0E LVL L5L77	PSL83	3 1/2" x 83 1/2"	2.0E PSL PSL5x83	PSL84	3 1/2" x 83 1/2"	2.0E PSL PSL5x83
LVL81	3 1/2" x 81 1/2"	2.0E LVL L5L79	PSL85	3 1/2" x 85 1/2"	2.0E PSL PSL5x85	PSL86	3 1/2" x 85 1/2"	2.0E PSL PSL5x85
LVL83	3 1/2" x 83 1/2"	2.0E LVL L5L81	PSL87	3 1/2" x 87 1/2"	2.0E PSL PSL5x87	PSL88	3 1/2" x 87 1/2"	2.0E PSL PSL5x87
LVL85	3 1/2" x 85 1/2"	2.0E LVL L5L83	PSL89	3 1/2" x 89 1/2"	2.0E PSL PSL5x89	PSL90	3 1/2" x 89 1/2"	2.0E PSL PSL5x89
LVL87	3 1/2" x 87 1/2"	2.0E LVL L5L85	PSL91	3 1/2" x 91 1/2"	2.0E PSL PSL5x91	PSL92	3 1/2" x 91 1/2"	2.0E PSL PSL5x91
LVL89	3 1/2" x 89 1/2"	2.0E LVL L5L87	PSL93	3 1/2" x 93 1/2"	2.0E PSL PSL5x93	PSL94	3 1/2" x 93 1/2"	2.0E PSL PSL5x93
LVL91	3 1/2" x 91 1/2"	2.0E LVL L5L89	PSL95	3 1/2" x 95 1/2"	2.0E PSL PSL5x95	PSL96	3 1/2" x 95 1/2"	2.0E PSL PSL5x95
LVL93	3 1/2" x 93 1/2"	2.0E LVL L5L91	PSL97	3 1/2" x 97 1/2"	2.0E PSL PSL5x97	PSL98	3 1/2" x 97 1/2"	2.0E PSL PSL5x97
LVL95	3 1/2" x 95 1/2"	2.0E LVL L5L93	PSL99	3 1/2" x 99 1/2"	2.0E PSL PSL5x99	PSL100	3 1/2" x 99 1/2"	2.0E PSL PSL5x99
LVL97	3 1/2" x 97 1/2"	2.0E LVL L5L95	PSL101	3 1/2" x 101 1/2"	2.0E PSL PSL5x101	PSL102	3 1/2" x 101 1/2"	2.0E PSL PSL5x101
LVL99	3 1/2" x 99 1/2"	2.0E LVL L5L97	PSL103	3 1/2" x 103 1/2"	2.0E PSL PSL5x103	PSL104	3 1/2" x 103 1/2"	2.0E PSL PSL5x103
LVL101	3 1/2" x 101 1/2"	2.0E LVL L5L99	PSL105	3 1/2" x 105 1/2"	2.0E PSL PSL5x105	PSL106	3 1/2" x 105 1/2"	2.0E PSL PSL5x105
LVL103	3 1/2" x 103 1/2"	2.0E LVL L5L101	PSL107	3 1/2" x 107 1/2"	2.0E PSL PSL5x107	PSL108	3 1/2" x 107 1/2"	2.0E PSL PSL5x107
LVL105	3 1/2" x 105 1/2"	2.0E LVL L5L103	PSL109	3 1/2" x 109 1/2"	2.0E PSL PSL5x109	PSL110	3 1/2" x 109 1/2"	2.0E PSL PSL5x109
LVL107	3 1/2" x 107 1/2"	2.0E LVL L5L105	PSL111	3 1/2" x 111 1/2"	2.0E PSL PSL5x111	PSL112	3 1/2" x 111 1/2"	2.0E PSL PSL5x111
LVL109	3 1/2" x 109 1/2"	2.0E LVL L5L107	PSL113	3 1/2" x 113 1/2"	2.0E PSL PSL5x113	PSL114	3 1/2" x 113 1/2"	2.0E PSL PSL5x113
LVL111	3 1/2" x 111 1/2"	2.0E LVL L5L109	PSL115	3 1/2" x 115 1/2"	2.0E PSL PSL5x115	PSL116	3 1/2" x 115 1/2"	2.0E PSL PSL5x115
LVL113	3 1/2" x 113 1/2"	2.0E LVL L5L111	PSL117	3 1/2" x 117 1/2"	2.0E PSL PSL5x117	PSL118	3 1/2" x 117 1/2"	2.0E PSL PSL5x117
LVL115	3 1/2" x 115 1/2"	2.0E LVL L5L113	PSL119	3 1/2" x 119 1/2"	2.0E PSL PSL5x119	PSL120	3 1/2" x 119 1/2"	2.0E PSL PSL5x119
LVL117	3 1/2" x 117 1/2"	2.0E LVL L5L115	PSL121	3 1/2" x 121 1/2"	2.0E PSL PSL5x121	PSL122	3 1/2" x 121 1/2"	2.0E PSL PSL5x121
LVL119	3 1/2" x 119 1/2"	2.0E LVL L5L117	PSL123	3 1/2" x 123 1/2"	2.0E PSL PSL5x123	PSL124	3 1/2" x 123 1/2"	2.0E PSL PSL5x123
LVL121	3 1/2" x 121 1/2"	2.0E LVL L5L119	PSL125	3 1/2" x 125 1/2"	2.0E PSL PSL5x125	PSL126	3 1/2" x 125 1/2"	2.0E PSL PSL5x125
LVL123	3 1/2" x 123 1/2"	2.0E LVL L5L121	PSL127	3 1/2" x 127 1/2"	2.0E PSL PSL5x127	PSL128	3 1/2" x 127 1/2"	2.0E PSL PSL5x127
LVL125	3 1/2" x 125 1/2"	2.0E LVL L5L123	PSL129	3 1/2" x 129 1/2"	2.0E PSL PSL5x129	PSL130	3 1/2" x 129 1/2"	2.0E PSL PSL5x129
LVL127	3 1/2" x 127 1/2"	2.0E LVL L5L125	PSL131	3 1/2" x 131 1/2"	2.0E PSL PSL5x131	PSL132	3 1/2" x 131 1/2"	2.0E PSL PSL5x131
LVL129	3 1/2" x 129 1/2"	2.0E LVL L5L127	PSL133	3 1/2" x 133 1/2"	2.0E PSL PSL5x133	PSL134	3 1/2" x 133 1/2"	2.0E PSL PSL5x133
LVL131	3 1/2" x 131 1/2"	2.0E LVL L5L129	PSL135	3 1/2" x 135 1/2"	2.0E PSL PSL5x135	PSL136	3 1/2" x 135 1/2"	2.0E PSL PSL5x135
LVL133	3 1/2" x 133 1/2"	2.0E LVL L5L131	PSL137	3 1/2" x 137 1/2"	2.0E PSL PSL5x137	PSL138	3 1/2" x 137 1/2"	2.0E PSL PSL5x137
LVL135	3 1/2" x 135 1/2"	2.0E LVL L5L133	PSL139	3 1/2" x 139 1/2"	2.0E PSL PSL5x139	PSL140	3 1/2" x 139 1/2"	2.0E PSL PSL5x139
LVL137	3 1/2" x 137 1/2"	2.0E LVL L5L135	PSL141	3 1/2" x 141 1/2"	2.0E PSL PSL5x141	PSL142	3 1/2" x 141 1/2"	2.0E PSL PSL5x141
LVL139	3 1/2" x 139 1/2"	2.0E LVL L5L137	PSL143	3 1/2" x 143 1/2"	2.0E PSL PSL5x143	PSL144	3 1/2" x 143 1/2"	2.0E PSL PSL5x143
LVL141	3 1/2" x 141 1/2"	2.0E LVL L5L139	PSL145	3 1/2" x 145 1/2"	2.0E PSL PSL5x145	PSL146	3 1/2" x 145 1/2"	2.0E PSL PSL5x145
LVL143	3 1/2" x 143 1/2"	2.0E LVL L5L141	PSL147	3 1/2" x 147 1/2"	2.0E PSL PSL5x147	PSL148	3 1/2" x 147 1/2"	2.0E PSL PSL5x147
LVL145	3 1/2" x 145 1/2"	2.0E LVL L5L143	PSL149	3 1/2" x 149 1/2"	2.0E PSL PSL5x149	PSL150	3 1/2" x 149 1/2"	2.0E PSL PSL5x149



UPPER ROOF FRAMING PLAN
1/4" PER FOOT



BEAM & POST SCHEDULE											
MARK	SIZE	LUMBER	MARK	SIZE	LUMBER	MARK	SIZE	LUMBER	MARK	SIZE	LUMBER
LAMINATED VENEER LUMBER			LAMINATED STRAND LUMBER			PARALLEL STRAND LUMBER					
LVL5	3/4" x 5 1/2"	2.0E LVL L5L4	PSL9	3 1/2" x 9 1/2"	2.0E PSL PSL5x9	5 1/2" x 9 1/2"	2.0E PSL				
LVL7	3/4" x 7 1/2"	2.0E LVL L5L5	PSL10	3 1/2" x 9 1/2"	2.0E PSL PSL5x9	5 1/2" x 9 1/2"	2.0E PSL				
LVL9	3/4" x 9 1/2"	2.0E LVL L5L7	PSL11	3 1/2" x 9 1/2"	2.0E PSL PSL5x9	5 1/2" x 9 1/2"	2.0E PSL				
LVL9I2	3/4" x 9 1/2"	2.0E LVL L5L9	PSL11B	3 1/2" x 11 1/2"	2.0E PSL PSL5x11B	5 1/2" x 11 1/2"	2.0E PSL				
LVL11	3/4" x 11 1/2"	2.0E LVL L5L9I2	PSL14	3 1/2" x 14"	2.0E PSL PSL5x14	5 1/2" x 14"	2.0E PSL				
LVL11B	3/4" x 11 1/2"	2.0E LVL L5L11	PSL16	3 1/2" x 16"	2.0E PSL PSL5x16	5 1/2" x 16"	2.0E PSL				
LVL14	3/4" x 14"	2.0E LVL L5L11B	PSL18	3 1/2" x 18"	2.0E PSL PSL5x18	5 1/2" x 18"	2.0E PSL				
LVL16	3/4" x 16"	2.0E LVL L5L14	PSL20	3 1/2" x 20"	2.0E PSL PSL5x20	5 1/2" x 20"	2.0E PSL				
LVL18	3/4" x 18"	2.0E LVL L5L16	PSL24	3 1/2" x 24"	2.0E PSL PSL5x24	5 1/2" x 24"	2.0E PSL				

ROOF & FLOOR FRAMING NOTES:
 1. [Hatched pattern] DENOTES INTERIOR BEARING WALL 2x4 OR 2x6 STUDS @ 16" o.c. UNLESS NOTED OTHERWISE (U.N.O.)
 2. ALL EXTERIOR WALLS ARE 2x6 STUDS @ 16" o.c. U.N.O.
 3. FLOOR LAYOUT IS SCHEMATIC. SEE MANUFACTURER'S PLAN FOR EXACT LAYOUT, CONSTRUCTION AND MECHANICAL CONNECTIONS. FLOOR MEMBERS ARE SINGLE JOISTS, U.N.O.
 4. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN.
 5. SECURE BRACED WALL SEGMENT SOLE PLATES TO FLOOR JOIST OR BLOCKS w/3-16d NAILS @ 16" o.c. PER IRC 2015 TABLE 602.3(1).
 6. ALL RAFTERS & TRUSSES SHALL BE SECURED SIMPSON H2.5A HURRICANE ANCHORS, OR EQUAL USE (2) ANCHORS FOR 2-PLY MEMBERS & (2) SIMPSON HTS16 OR EQUAL FOR 3-PLY MEMBERS
 7. SECURE ROOF SHEATHING, TO FRAMING, w/8d NAILS @ 6" o.c. ALONG PANEL EDGES & 12" o.c. IN THE FIELD.

PROFESSIONAL CERTIFICATION
 I certify that these documents were prepared or approved by me, and that I am a duly licensed professional architect under the laws of the State of Maryland.
 License Number #31466
 Expiration Date: 2/14/2023.

PROPOSED ADDITION

CALTON RESIDENCE
 1304 HAY MEADOW LANE
 SYKESVILLE, MARYLAND 21784

ARCHITECT
 Jonathan Rivera AIA, NCARB
 Howard County, Maryland

443.226.5745
 jrivera@jonathanrivera.com

BUILDER



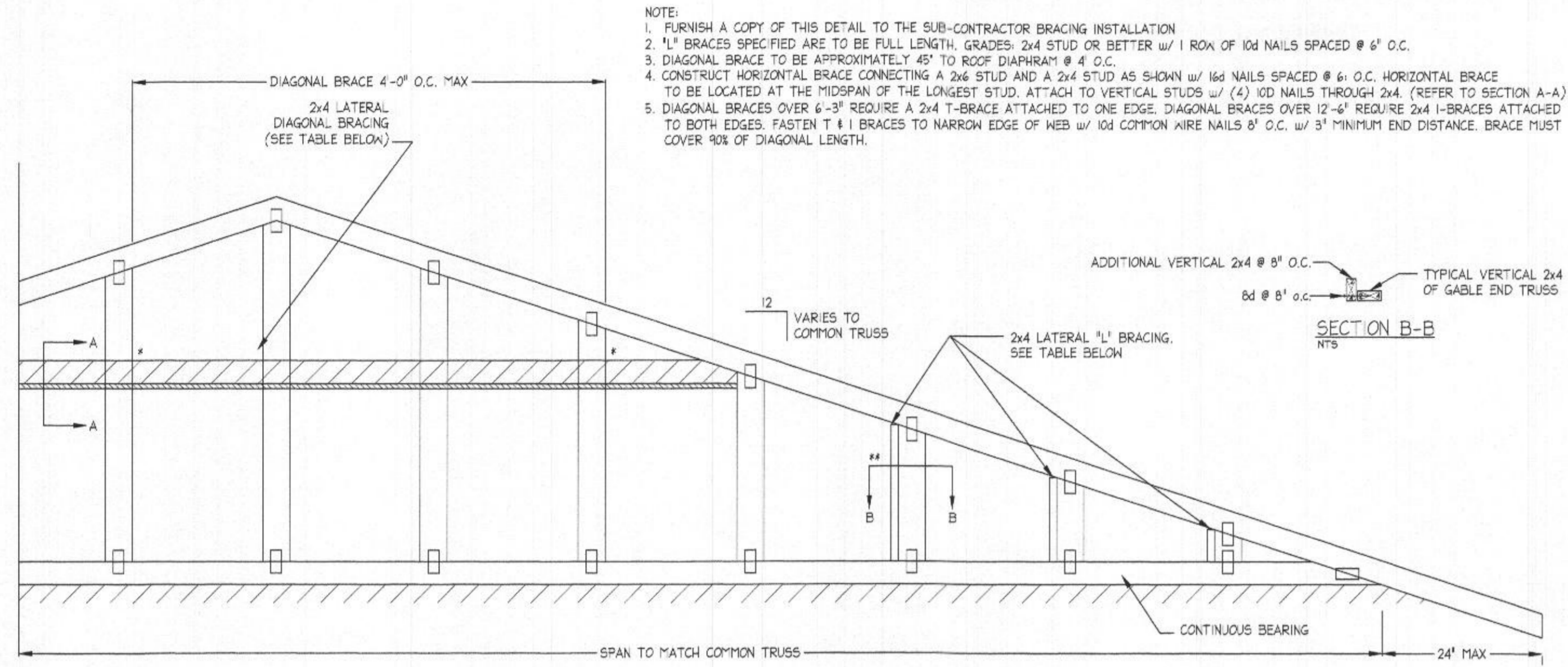
AUG 06 2021

REVISIONS

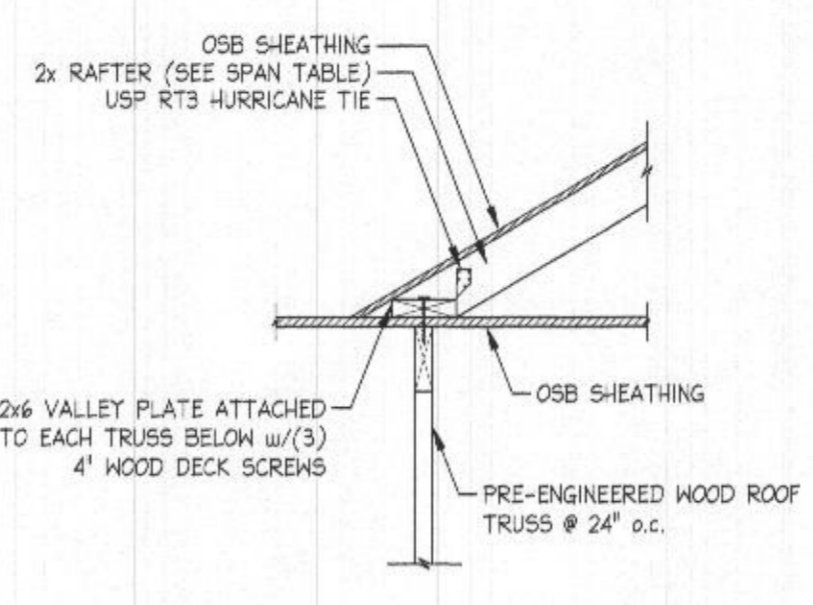
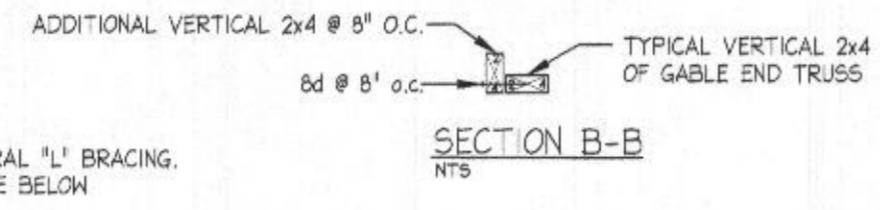
1	5-20-20	REVISION

SCALE:
ROOF FRAMING

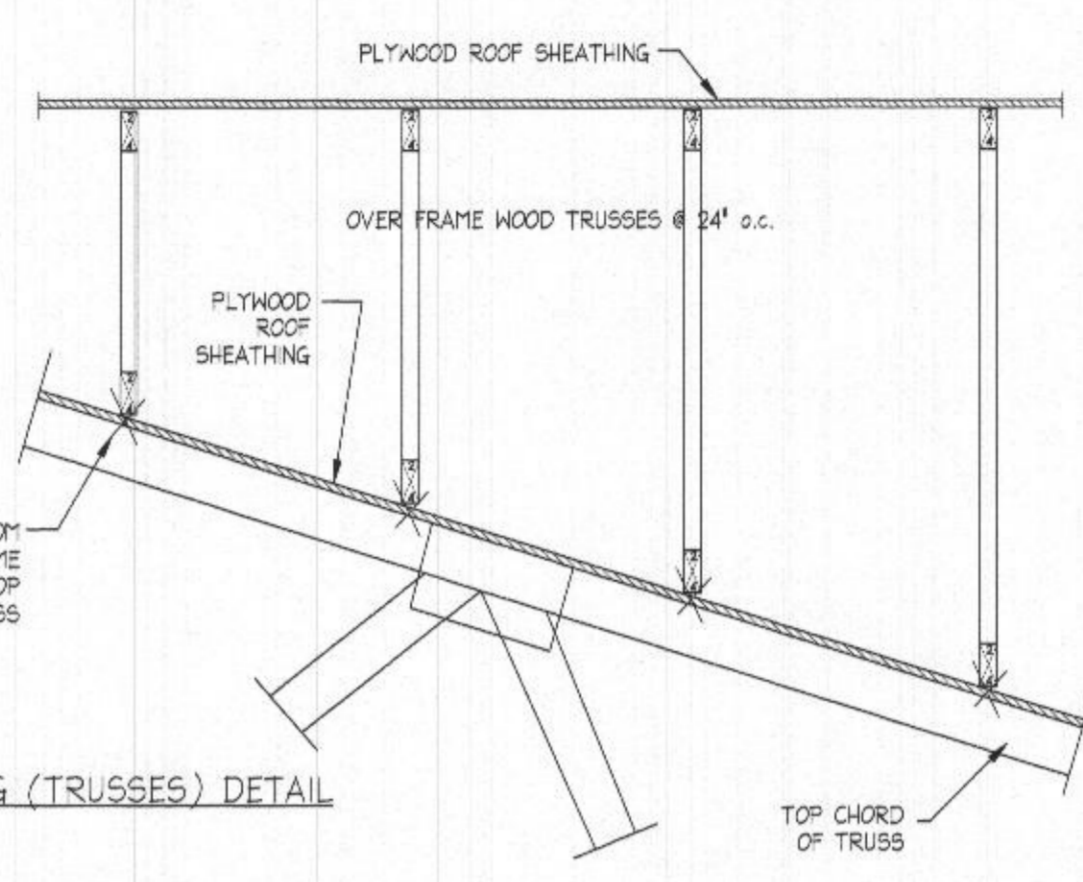
SR.1
 PRINT DATE:
 Wednesday, June 23, 2021



- NOTE:
- FURNISH A COPY OF THIS DETAIL TO THE SUB-CONTRACTOR BRACING INSTALLATION
 - 1" BRACES SPECIFIED ARE TO BE FULL LENGTH, GRADES 2x4 STUD OR BETTER w/ 1 ROW OF 10d NAILS SPACED @ 6" O.C.
 - DIAGONAL BRACE TO BE APPROXIMATELY 45° TO ROOF DIAPHRAGM @ 4" O.C.
 - CONSTRUCT HORIZONTAL BRACE CONNECTING A 2x6 STUD AND A 2x4 STUD AS SHOWN w/ 16d NAILS SPACED @ 6" O.C. HORIZONTAL BRACE TO BE LOCATED AT THE MIDSPAN OF THE LONGEST STUD. ATTACH TO VERTICAL STUDS w/ (4) 10d NAILS THROUGH 2x4. (REFER TO SECTION A-A)
 - DIAGONAL BRACES OVER 6'-3" REQUIRE A 2x4 T-BRACE ATTACHED TO ONE EDGE. DIAGONAL BRACES OVER 12'-4" REQUIRE 2x4 I-BRACES ATTACHED TO BOTH EDGES. FASTEN T & I BRACES TO NARROW EDGE OF WEB w/ 10d COMMON WIRE NAILS @ 6" O.C. w/ 3" MINIMUM END DISTANCE. BRACE MUST COVER 90% OF DIAGONAL LENGTH.



OVER FRAMING CONNECTION DETAIL (TYP)
3/4" PER FT



OVERFRAMING (TRUSSES) DETAIL
NTS

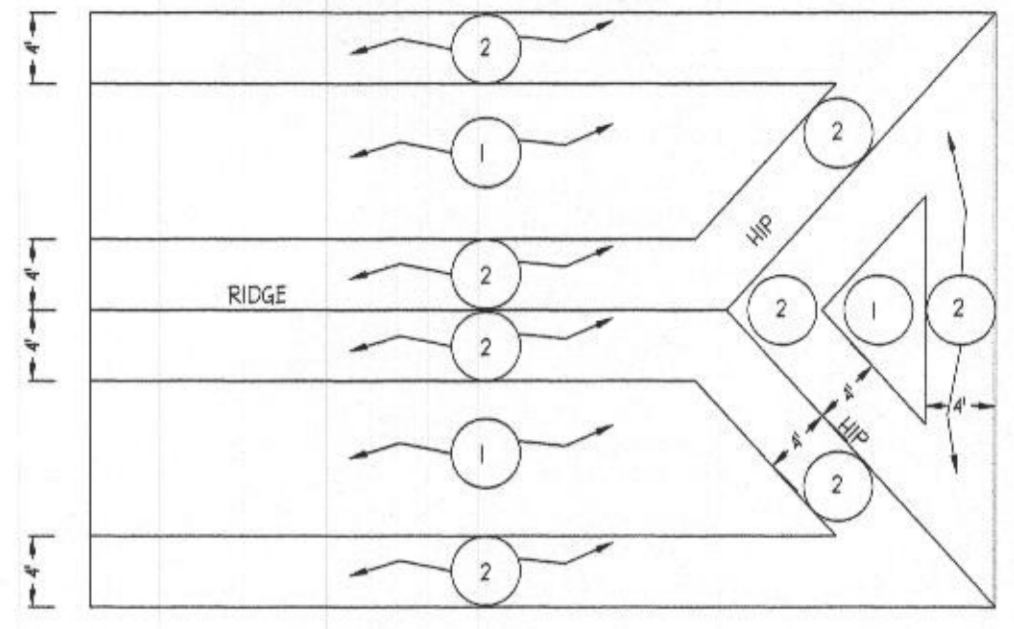
LATERAL BRACING NAILING SCHEDULE

VERTICAL HEIGHT	NUMBER OF NAILS
UP-TO 6'-11"	2-16d
7'-0" & 8'-5"	3-16d
8'-6" & OVER	4-16d

MAXIMUM VERTICAL STUD HEIGHT

SPACING OF VERTICALS	W/O LATERAL BRACE	WITH 1" BRACE	WITH DIAGONAL BRACE	WITH 2 DIAGONAL BRACES AT 1/3 POINTS
2' o.c.	4'-9-3/4"	7'-10"	0'-7-1/2"	14'-5-1/4"
6' o.c.	4'-4-1/2"	6'-9-3/4"	8'-8-3/4"	13'-1-1/4"
24' o.c.	3'-9-1/2"	5'-6-1/2"	7'-7-1/4"	11'-4-3/4"

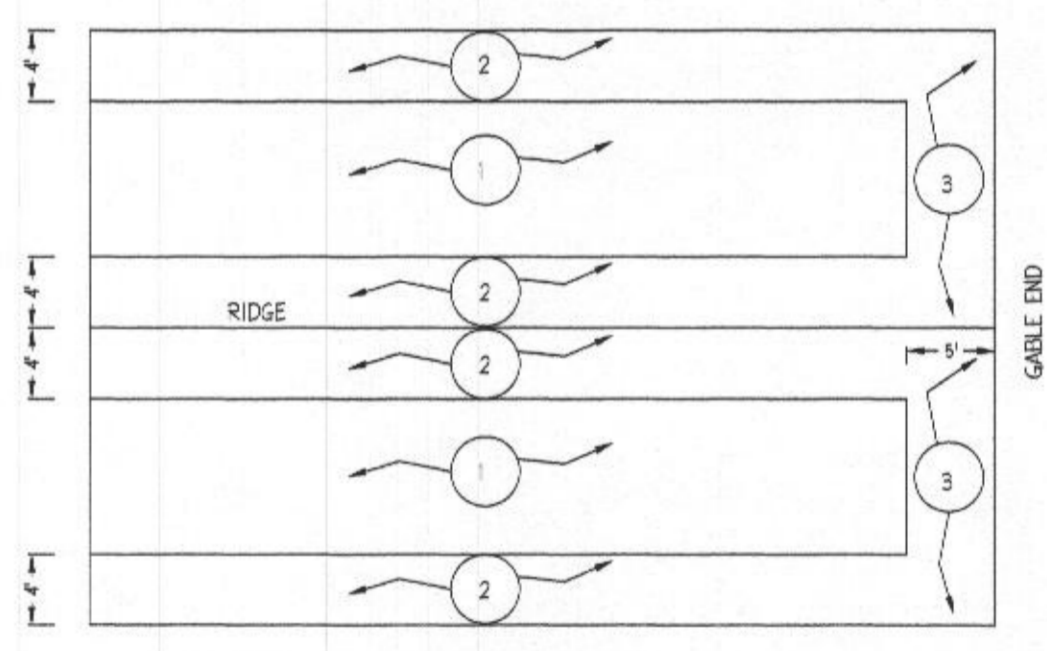
THIS TABLE CANNOT BE USED WITH BRICK VENEER



NAIL SPACING SCHEDULE

ZONE	1		2	
	110 MPH (35SEC GUST)	110 MPH (35SEC GUST)	110 MPH (35SEC GUST)	110 MPH (35SEC GUST)
PANEL EDGE	6' O.C.	4' O.C.	6' O.C.	6' O.C.
PANEL INTERIOR	12' O.C.	6' O.C.	12' O.C.	6' O.C.

NOTE: USE 6d RING SHANK NAILS
PARTIAL ROOF (PLAN VIEW) SHOWING SHEATHING/FASTENING DETAIL

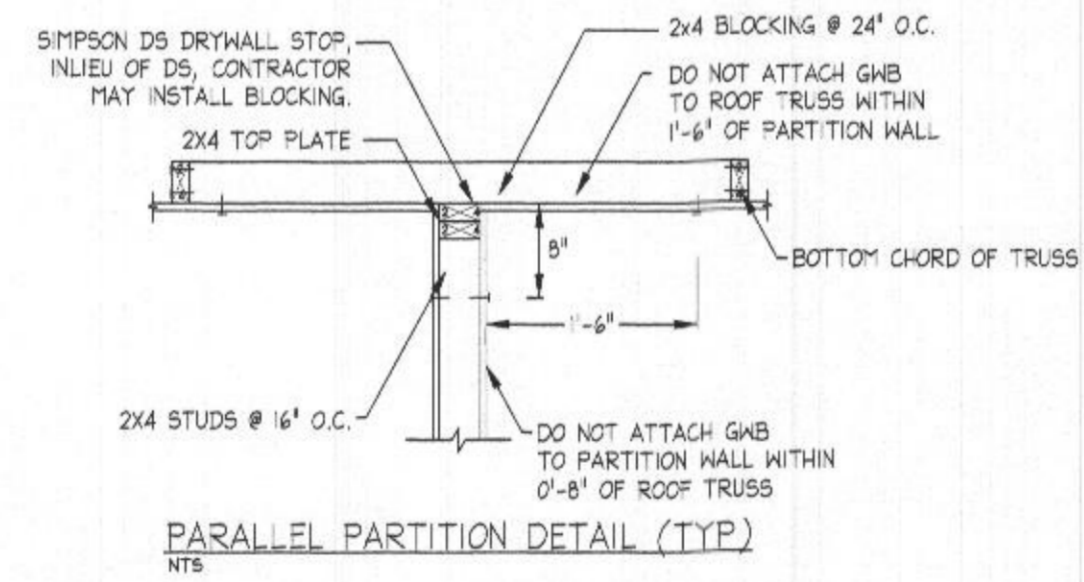
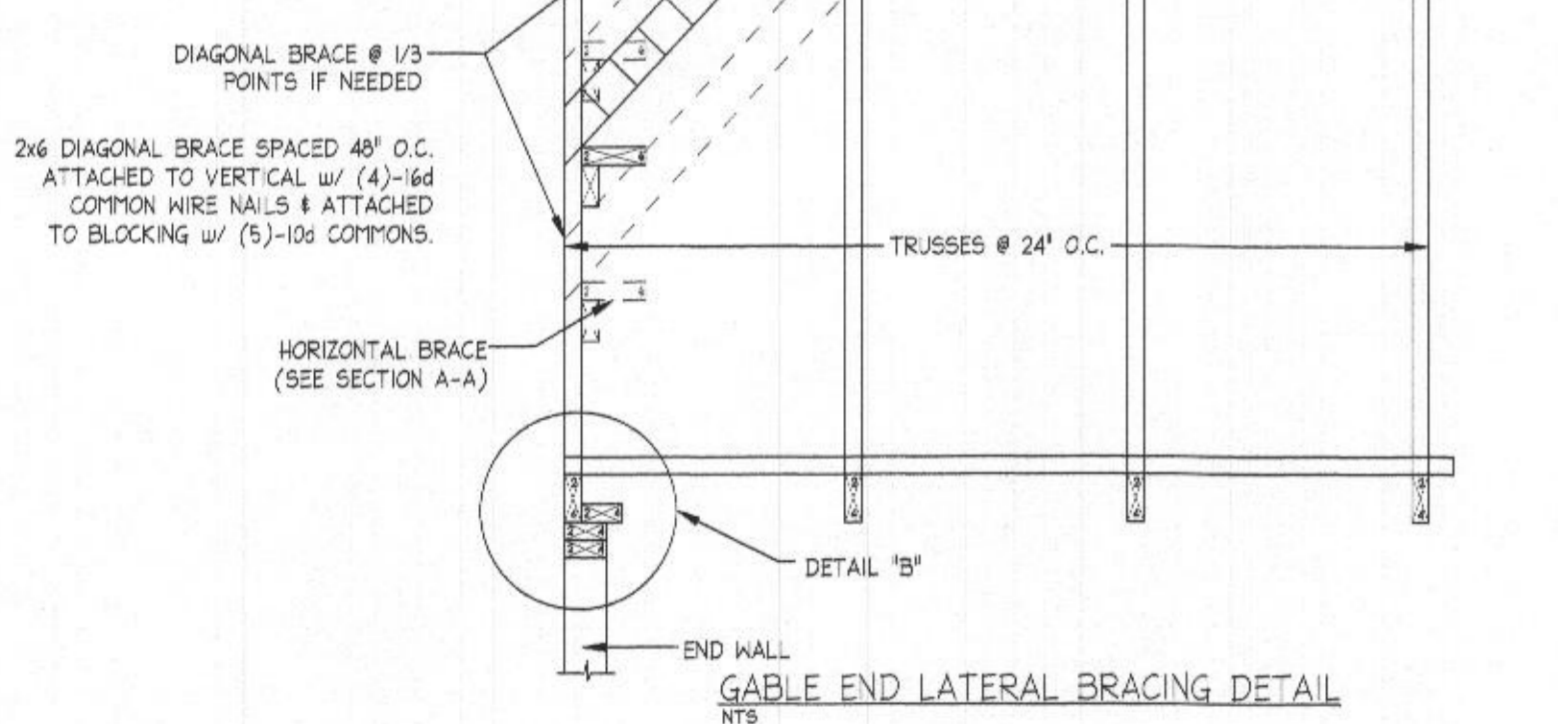
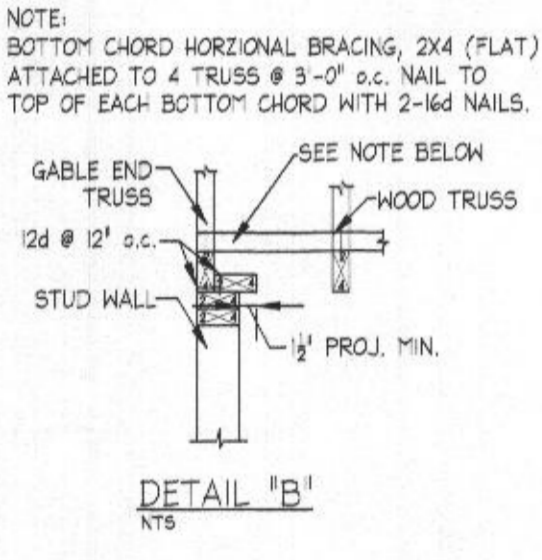


NAIL SPACING SCHEDULE

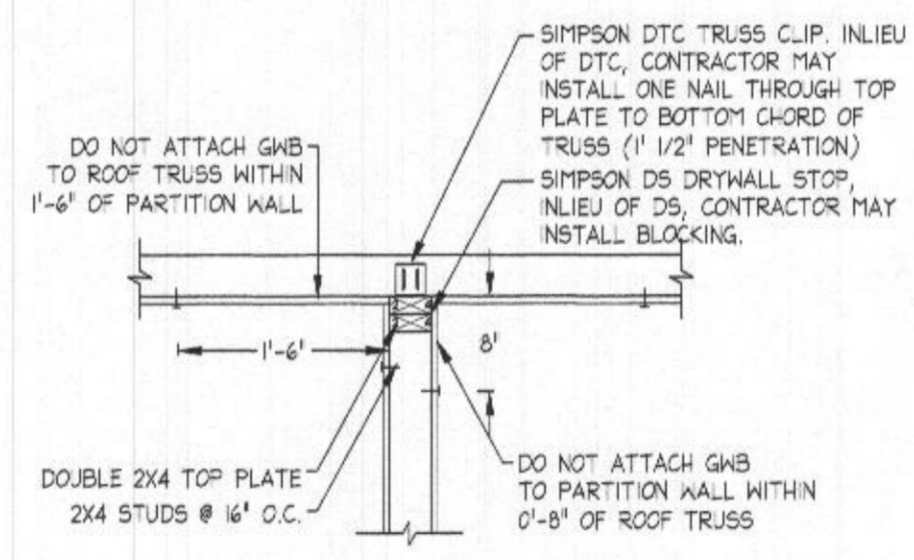
ZONE	1		2		3	
	110 MPH (35SEC GUST)	110 MPH (35SEC GUST)	110 MPH (35SEC GUST)	110 MPH (35SEC GUST)	110 MPH (35SEC GUST)	110 MPH (35SEC GUST)
PANEL EDGE	6' O.C.	4' O.C.	6' O.C.	6' O.C.	6' O.C.	4' O.C.
PANEL INTERIOR	12' O.C.	6' O.C.	12' O.C.	6' O.C.	6' O.C.	6' O.C.

NOTE: USE 6d RING SHANK NAILS
PARTIAL ROOF (PLAN VIEW) SHOWING SHEATHING/FASTENING DETAIL

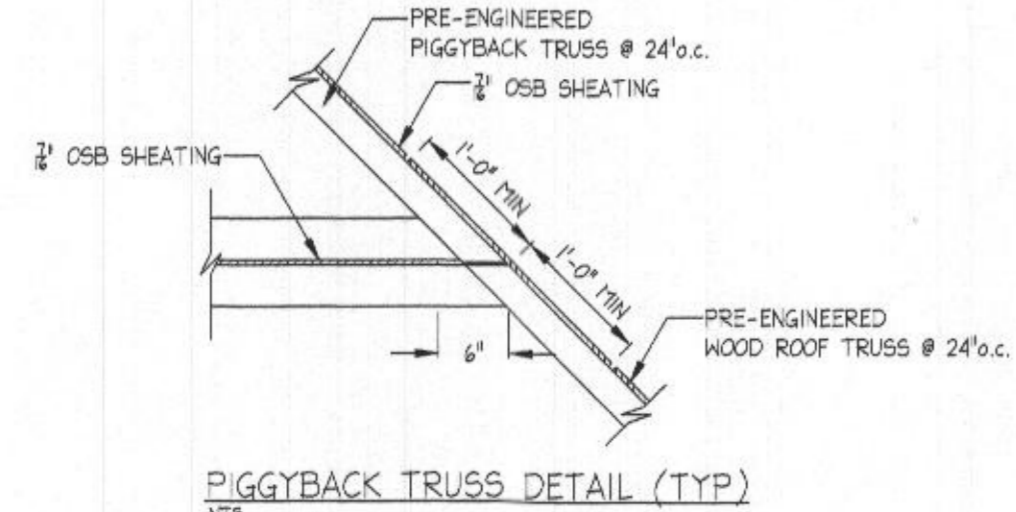
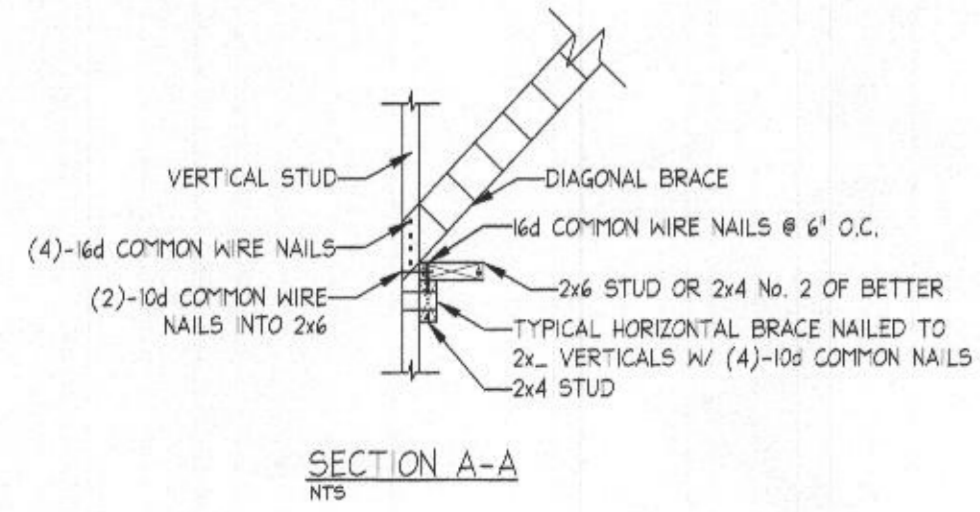
MAXIMUM WIND SPEED = 100 MPH
MAX MEAN ROOF HEIGHT = 30'-0"
CATEGORY II BUILDING
EXPOSURE B OR C
ASCE 7-16
DURATION OF LOAD INCREASE: 1.60



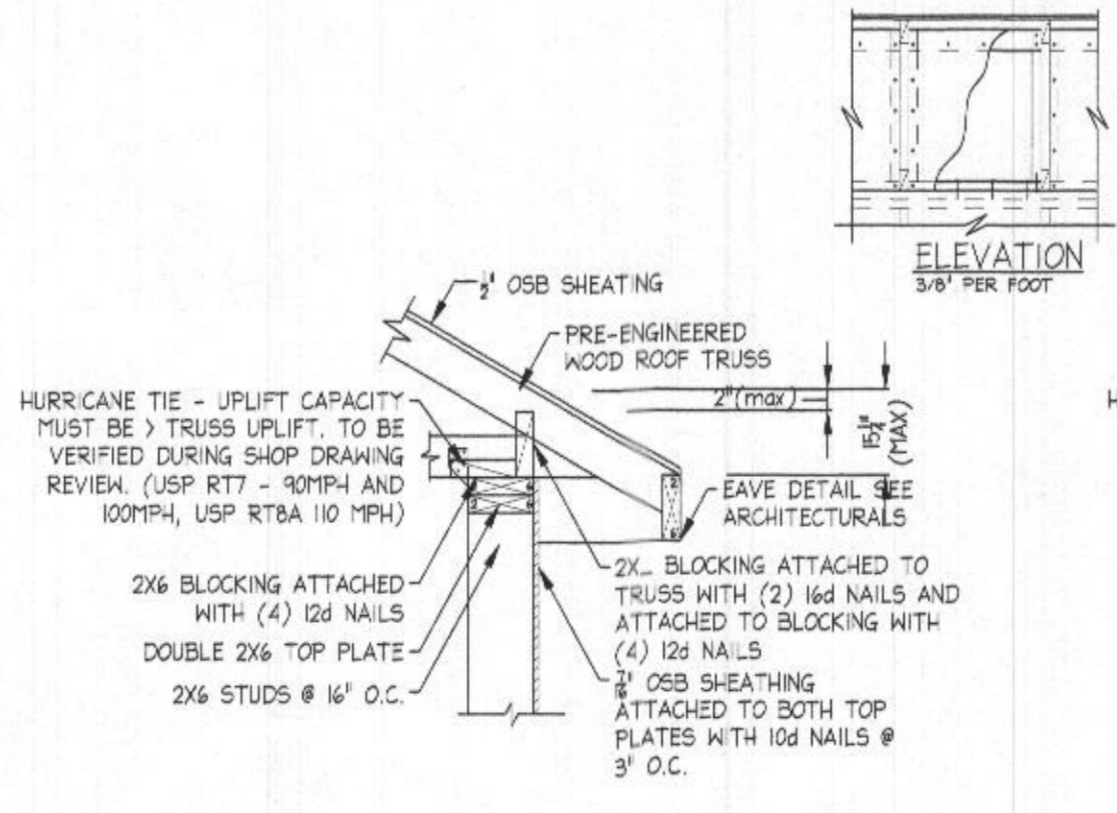
PARALLEL PARTITION DETAIL (TYP)
NTS



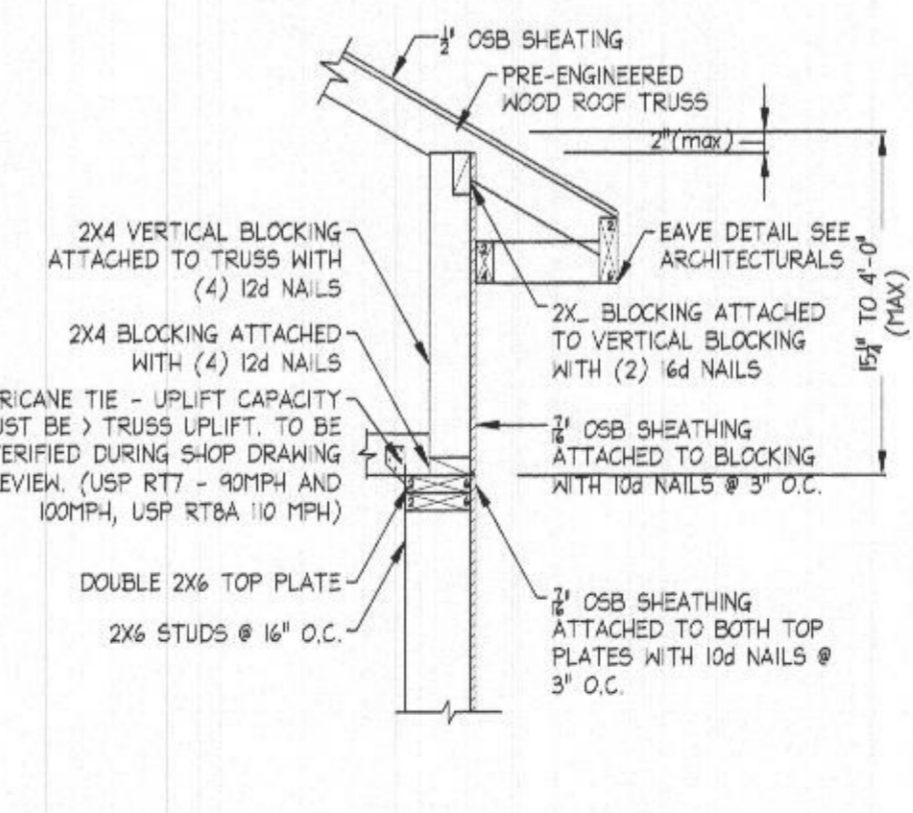
PERPENDICULAR PARTITION DETAIL (TYP)
NTS



PIGGYBACK TRUSS DETAIL (TYP)
NTS



BRACED WALL / SHEAR WALL PANEL CONNECTION
3/4" PER FOOT



BRACED WALL / SHEAR WALL PANEL CONNECTION
3/4" PER FOOT

PROFESSIONAL CERTIFICATION
I certify that these documents were prepared or approved by me, and that I am a duly licensed professional architect under the laws of the State of Maryland.
License Number #31466
Expiration Date: 2/14/2023.

ISSUE DATES:
5-20-20 REVISION

SCALE:
DETAILS

