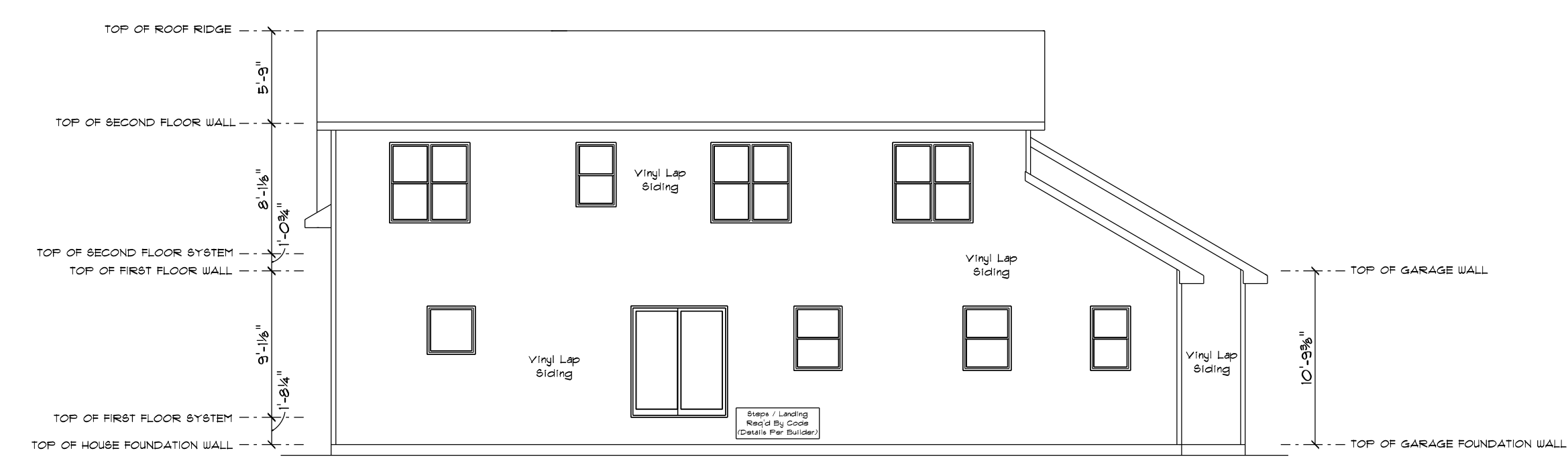


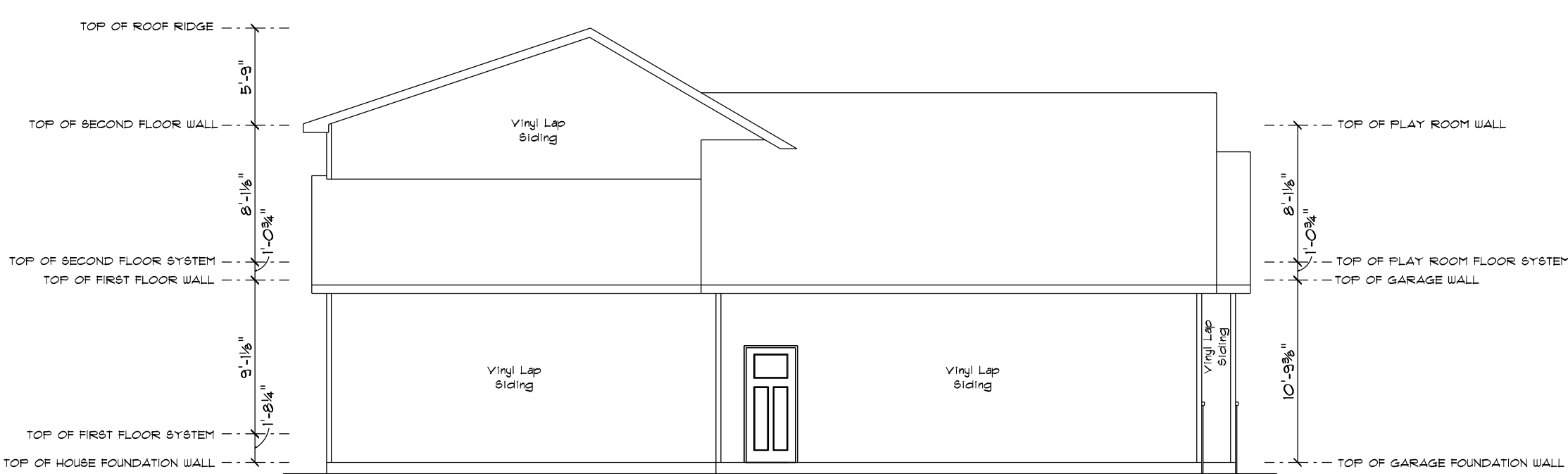
SQUARE FOOTAGE:	
FIRST FLOOR:	1460
SECOND FLOOR:	876
PLAY ROOM:	301
GARAGE:	1053
COVERED PORCH:	36



REAR ELEVATION

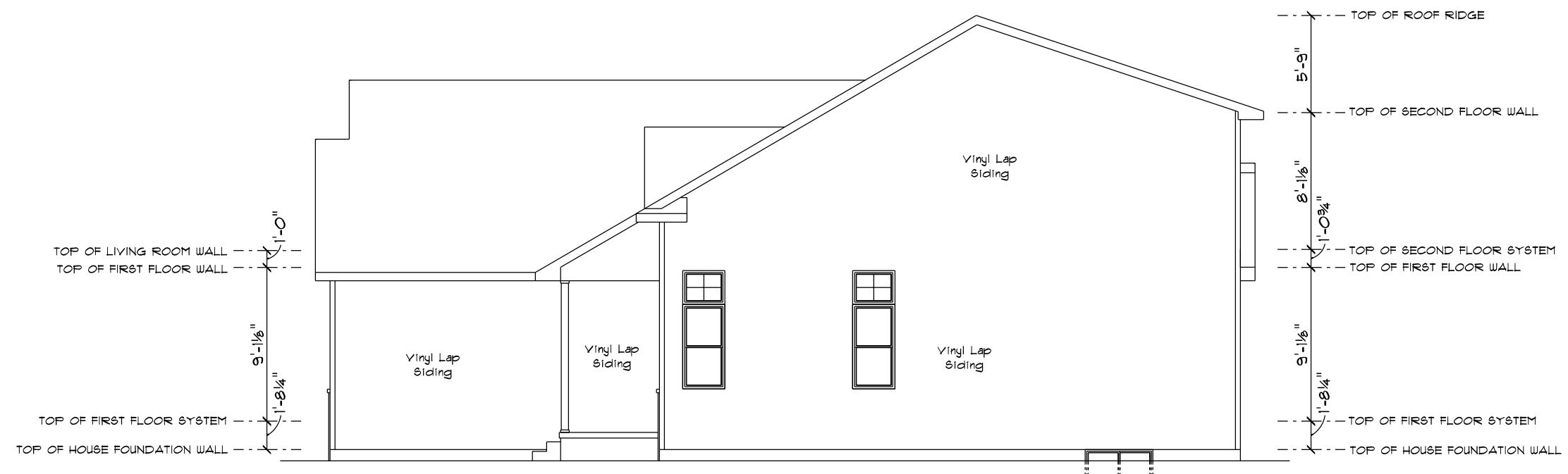
SCALE: 1/8" = 1'-0"

NOTE:
THIS CONSTRUCTION PLAN CURRENTLY DOESN'T NOTATE PROPER WALL BRACING REQUIREMENTS. PLEASE CONTACT WISCONSIN BUILDING SUPPLY PRIOR TO APPLYING FOR PERMITS TO INITIATE THE START OF THE WALL BRACING PLAN/CALCULATIONS



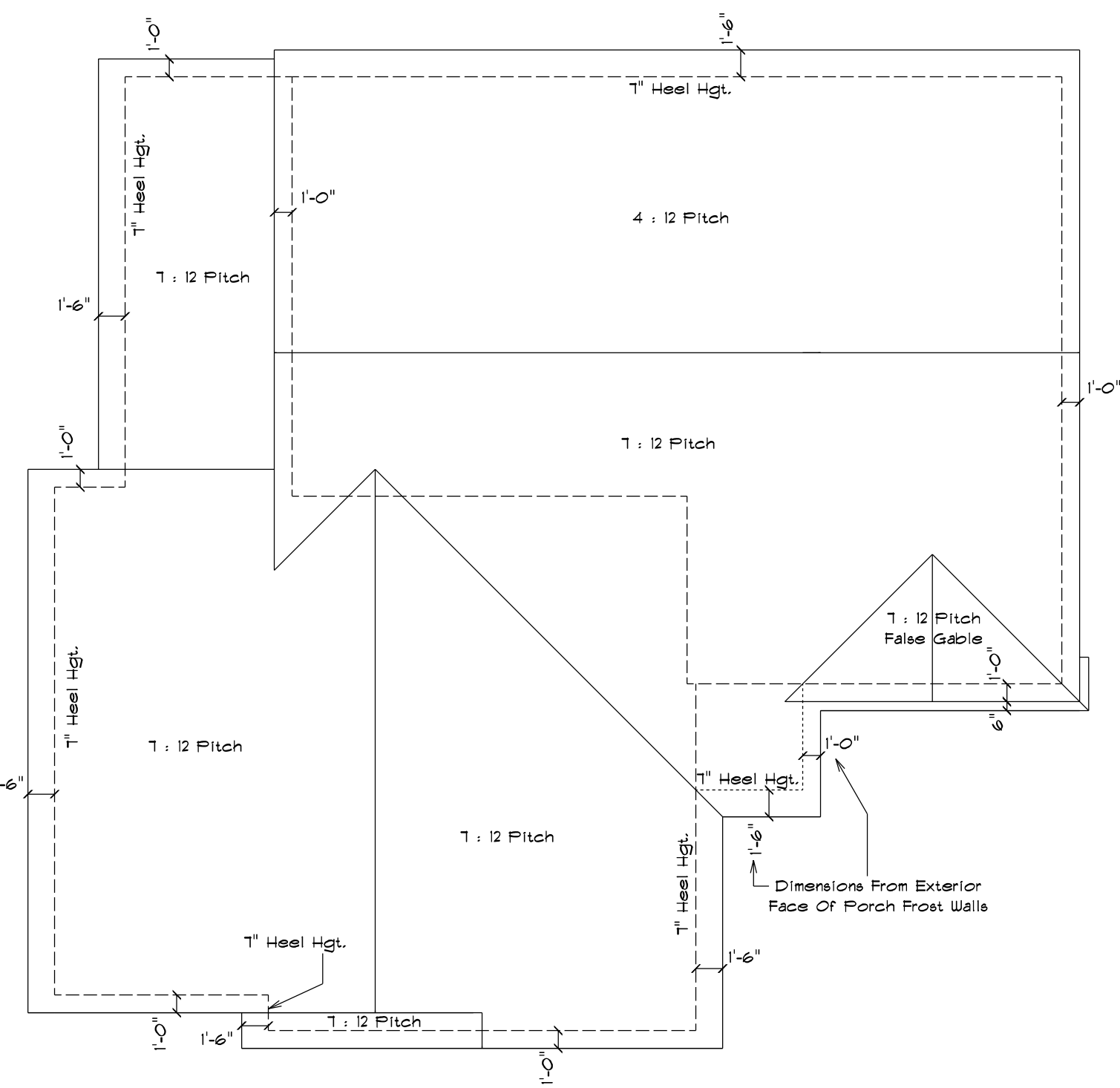
LEFT ELEVATION

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



RIGHT ELEVATION

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



ROOF PLAN

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



FRONT ELEVATION

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

IMPORTANT NOTE:

- IT IS AGREED THAT ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING AND CHECKING THESE PLANS FOR ACCURACY, THE GENERAL CONTRACTOR/OWNER MUST REVIEW ALL DIMENSIONS, DETAILS AND NOTES BEFORE BEGINNING ANY CONSTRUCTION AND IS HEREBY HELD RESPONSIBLE FOR ANY DISCOVERED DISCREPANCIES.
- IT IS UNDERSTOOD THAT THE WISCONSIN SAFETY AND PROFESSIONAL SERVICES CODE AND LAYOUT DRAWINGS FOR FLOOR AND ROOF TRUSSES SHALL TAKE FINAL PRECEDENCE OVER THESE ARCHITECTURAL PLANS.

MAILING ADDRESS:
P.O. BOX 10001
GREEN BAY, WI 54307-10001

OFFICE:
WISCONSIN BUILDING SUPPLY
GREEN BAY, WI 54303
PHONE (920)436-1080
FAX (920)436-1080

Wisconsin
BUILDING SUPPLY

CUSTOM DESIGNED FOR:
STAY GREEN BAY LLC

JOB NAME: SPEC 1	REV/NO:		
DATE: AUGUST 17, 2021			
DRAWN BY: Nick Desires			
PLAN #:			

21-351-T

SQUARE FOOTAGE:	
FIRST FLOOR:	1480
SECOND FLOOR:	876
PLAY ROOM:	301
GARAGE:	1053
COVERED PORCH:	36

PLAN SPECIFICATIONS:

* THE CONDITIONS LISTED BELOW ARE STANDARD FOR THIS PLAN ONLY. EXCEPTIONS ARE NOTED ON THE PLAN ITSELF.

WALL INFORMATION:

HOUSE FOUNDATION:
8" X 8'-0" POURED CONCRETE
GARAGE FOUNDATION:
6" X 4'-0" POURED CONCRETE
PORCH/PATIO FOUNDATION:
8" POURED CONCRETE, MIN. 4'-0" TALL
HOUSE EXTERIOR:
FIRST FLOOR: 2 X 6 X 9'-1 1/8", STUDS @ 16" O.C.
SECOND FLOOR: 2 X 4 X 9'-1 1/8", STUDS @ 16" O.C.
HOUSE INTERIOR:
FIRST FLOOR: 2 X 4 X 9'-1 1/8", STUDS @ 16" O.C.
SECOND FLOOR: 2 X 4 X 9'-1 1/8", STUDS @ 16" O.C.
GARAGE: 2 X 6 X 12'-9 3/8", STUDS @ 16" O.C.
- TALL WALLS ARE EXTERIOR WALLS WITH STUDS TALLER THAN 10'-0" AND NEED TO BE DESIGNED BY ENGINEERED WOOD PRODUCTS SUPPLIER.
- TAPERED WALLS ARE TO BE FRAMED TO UNDERSIDE OF SCISSORS ROOF TRUSSES

STAIR INFORMATION:

BASEMENT TO FIRST FLOOR:
15 RISERS @ 7 1/2" - 14 TREADS @ 9 1/2"
FIRST FLOOR TO SECOND FLOOR:
16 RISERS @ 7 1/2" - 15 TREADS @ 9 1/2"
BASEMENT TO GARAGE:
16 RISERS @ 7 1/2" - 11 TREADS @ 9 1/2"

FLOOR SYSTEMS:

BASEMENT:
4" REINFORCED CONCRETE SLAB
FIRST FLOOR:
12" FLOOR TRUSSES @ 16" O.C.
SECOND FLOOR:
12" FLOOR TRUSSES @ 16" O.C.
STD. LOADING (PER SQ. FT.):
40# TOLL, 10# TCCL, 5# BCCL
ADDITIONAL LOADS (PER SQ. FT.):
10# TCCL FOR TILE FLOOR
25# TCCL FOR GRANITE
DEFLECTION: LL/4/20, DL/4/10
DURATION OF LOAD: 1.00%
- FRAMER TO REFERENCE JOIST/TRUSS LAYOUT PLANS TO VERIFY EXACT SIZE AND LOCATION OF ALL FLUSH HEADERS AND BEAMS IN FLOOR SYSTEM
ROOF SYSTEM:
ENGINEERED WOOD TRUSSES @ 24" O.C.
DESIGNED FOR ZONE 1
STD. LOADING (PER SQ. FT.):
30# TOLL, 10# TCCL, 10# BCCL
DEFLECTION: LL/4/20, DL/4/10
DURATION OF LOAD: 1.15%

- FRAMER TO REFERENCE TRUSS LAYOUT PLANS TO VERIFY EXACT LOCATIONS OF GARDEN TRUSSES AND THEIR RESPECTIVE BEARING REQUIREMENTS & UPLIFT ANCHORING REQUIREMENTS
HEADERS:
- STD. HEADERS: (2) 2X12 SELECT STRUCTURAL HEM FIR
- TOP OF WINDOW R.O.S.
FIRST FLOOR @ 6'-10 1/8" ABOVE SUBFLOOR
SECOND FLOOR @ 6'-10 1/8" ABOVE SUBFLOOR
- MINIMUM OF (2) TRIM STUDS AT EACH END FOR ALL OPENINGS 6'-0" AND LARGER
WINDOWS:
- ALLIANCE VINYL WINDOWS
- MANUFACTURER TO PROVIDE SUPPLIER WITH EXACT R.O. SIZES AND DETAILS. SUPPLIER TO VERIFY THAT ALL CODE REQUIREMENTS ARE MET.

GENERAL INFORMATION:

* THE FOLLOWING ITEMS ARE TO BE LOCATED IN THE FOUNDATION BY THE GENERAL CONTRACTOR:
BASEMENT WINDOWS FLOOR DRAINS
ELECTRIC SERVICES WATER HEATER
SUMP PIT & PUMP RUMMAGE
- BUILDER TO PROVIDE HEADERS AT CONCRETE OPENINGS IF NOT NOTED ON THE FOUNDATION PLAN
- POURED CONCRETE FOOTINGS TO BEAR ON UNDISTURBED SOIL BELOW THE FROST LINE
- STEEL COLUMNS TO SUPPORT 12,000#
- INTERIOR BEARING WALLS TO SIT ON CONTINUOUS CONCRETE FOOTINGS, STUDS @ 16" O.C. WITH BLOCKING OR LATERAL BRACING
- CONCRETE CONTRACTOR AND BUILDER ARE RESPONSIBLE TO DETERMINE SITE SOIL CONDITIONS AND FOLLOW STANDARDS PER 809.32.2.4. THE MOST RESTRICTIVE STANDARDS OF 809.32.5 - 809.32.18, ACI 318-14, AND ACI 332-14 FOR ALL FOOTING & WALL REINFORCEMENT, IF NEEDED, MUST BE FOLLOWED.
- ASSUMED SOIL CAPACITY IS 3,000 PSF, FTG. SIZES MUST BE ADJUSTED FOR VARYING SITE DETERMINED SOIL BEARING CONDITIONS
- ALL LUMBER IN PERMANENT CONTACT W/ CONCRETE MUST BE PRESSURE TREATED LUMBER AS PER UI 809.32.10
- DUE TO UNKNOWN GRADE CONDITIONS, ACTUAL STEPS IN FOUNDATION WALLS AND LOCATION OF WINDOW WELLS TO BE DETERMINED ON SITE BY GENERAL CONTRACTOR
- FRAMER IS RESPONSIBLE FOR TRANSFERRING POINT LOADS FROM ABOVE, THROUGH THE FLOOR SYSTEM(S) AND WALLS, W/ SOLID BLOCKING DOWN TO CONCRETE FOUNDATION WALLS BELOW
- PLAN IS DRAWN ACCORDINGLY FOR 3 1/4" CASING
- ALL DIMENSIONS SHOWN ARE FROM STUD TO STUD
- BUILDER TO PROVIDE ATTIC SCUTTLE AND LOCATION
- FIRE SEPARATION MUST BE PROVIDED BETWEEN HOUSE AND GARAGE (SEE CODE FOR DETAILS)
- ALL CABINET LAYOUTS ARE CONCEPTUAL. CONSULT CABINET DESIGNER/ PROVIDER FOR EXACT SIZES AND LOCATIONS OF CABINETS, APPLIANCES, AND WINDOWS

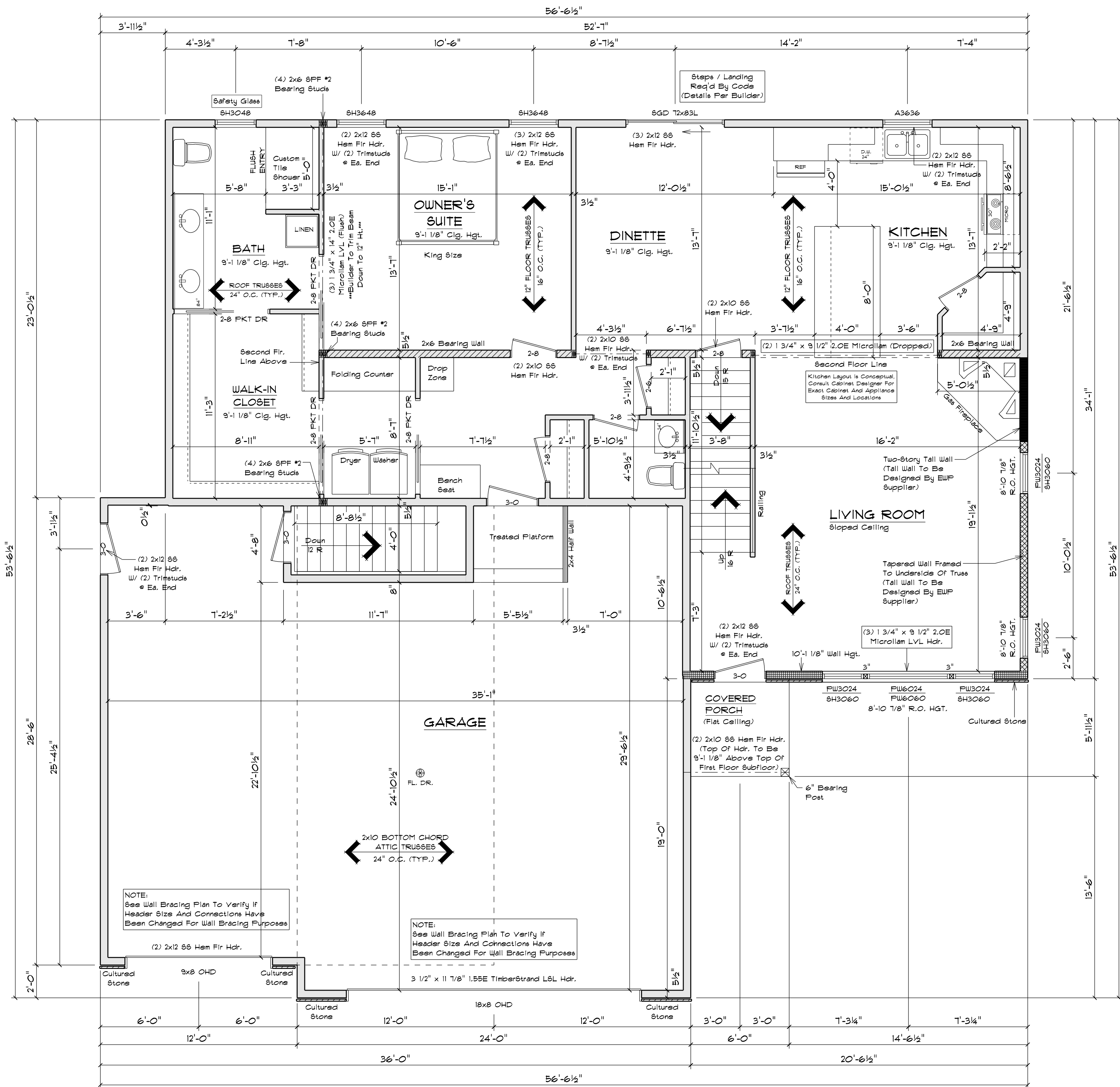
IMPORTANT NOTE:

* IT IS AGREED THAT, ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING AND CHECKING THESE PLANS FOR ACCURACY, THE GENERAL CONTRACTOR/OWNER MUST REVIEW ALL DIMENSIONS, DETAILS AND NOTES BEFORE BEGINNING ANY CONSTRUCTION, AND HEREBY HOLD RESPONSIBLE FOR ANY DISCREPANCIES.
* IT IS UNDERSTOOD THAT THE WISCONSIN SAFETY AND PROFESSIONAL SERVICES CODE AND LAYOUT DRAWINGS FOR FLOOR AND ROOF TRUSSES SHALL TAKE FINAL PRECEDENCE OVER THESE ARCHITECTURAL PLANS.

MAILING ADDRESS:
P.O. BOX 10001
GREEN BAY, WI 54307-10001

COMPONENTS:
10' CANTILEVER TERRACE
GREEN BAY, WI 54303
PHONE (920)436-1080
FAX (920)434-9570

Wisconsin
BUILDING SUPPLY

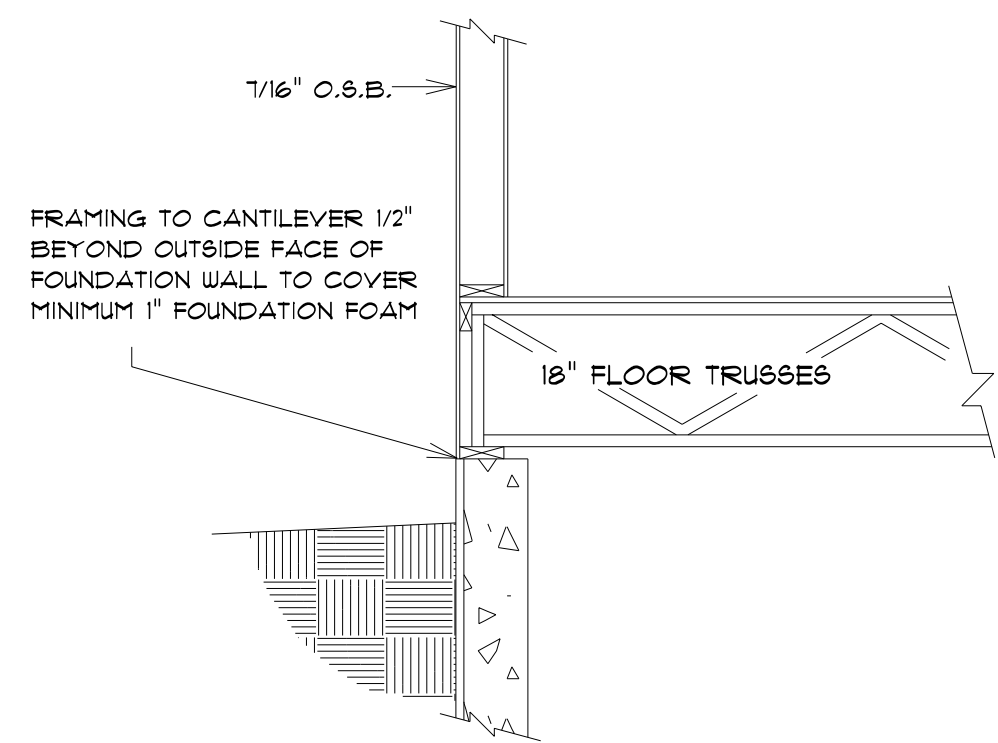


FIRST FLOOR PLAN

SCALE : 1/4" = 1'-0"
9'-1 1/8" & 10'-1 1/8" CLG. HGT.

NOTE:
EXTERIOR DIMENSIONS ARE SHOWN TO REFLECT HOUSE FRAMING WALLS HELD OUT 1/2" FOR EXTERIOR WALL SHEATHING TO FLUSH OUT WITH 1" FOUNDATION FOAM. IF FOUNDATION FOAM IS TO BE OTHER THAN 1", FRAMING DIMENSIONS ARE TO BE FIELD ADJUSTED AND MAINTAIN ALL CODE COMPLIANCE ACCORDINGLY.

NOTE:
UNLESS OTHERWISE NOTED, TOP OF WINDOW R.O. TO BE 6'-10 1/8" FROM TOP OF FIRST FLOOR SUBFLOOR



BOX SILL DETAIL

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

CUSTOM DESIGNED FOR:

STAY GREEN BAY LLC

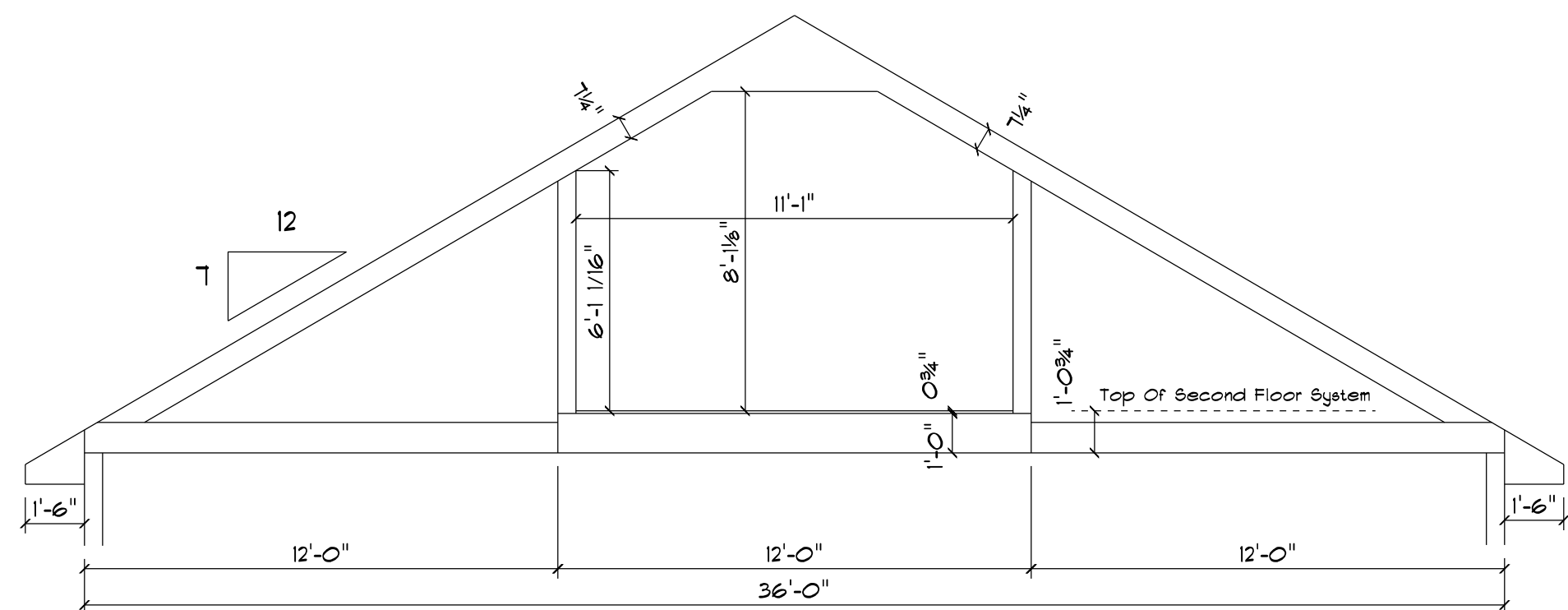
JOB NAME:	SPEC 1
DATE:	AUGUST 17, 2021
DRAWN BY:	Nick Deane
PLAN #:	21-351-T

REV/NO:

8/20/21

9/7/21 JAL

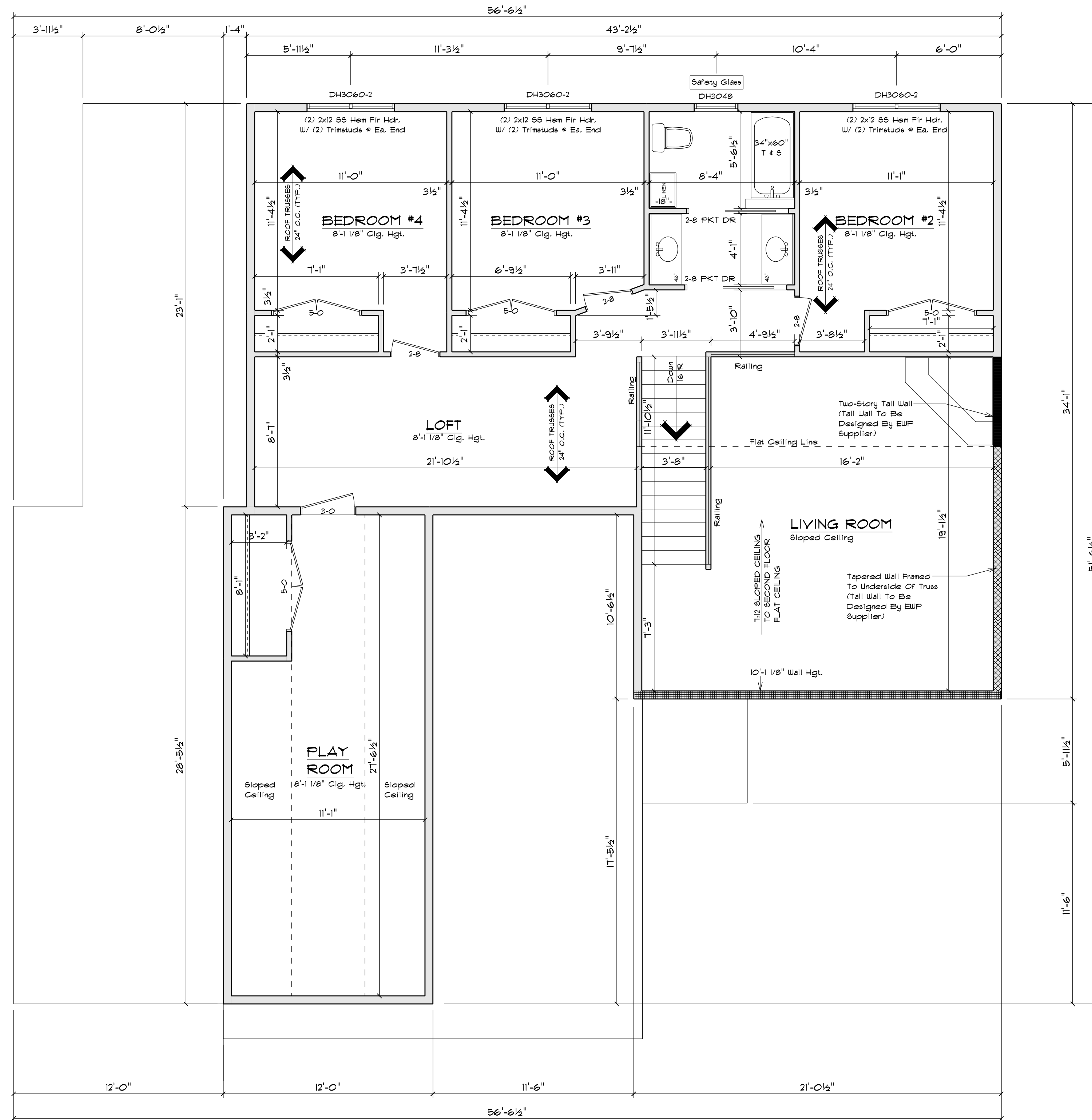
9/14/21



ATTIC TRUSS PROFILE

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

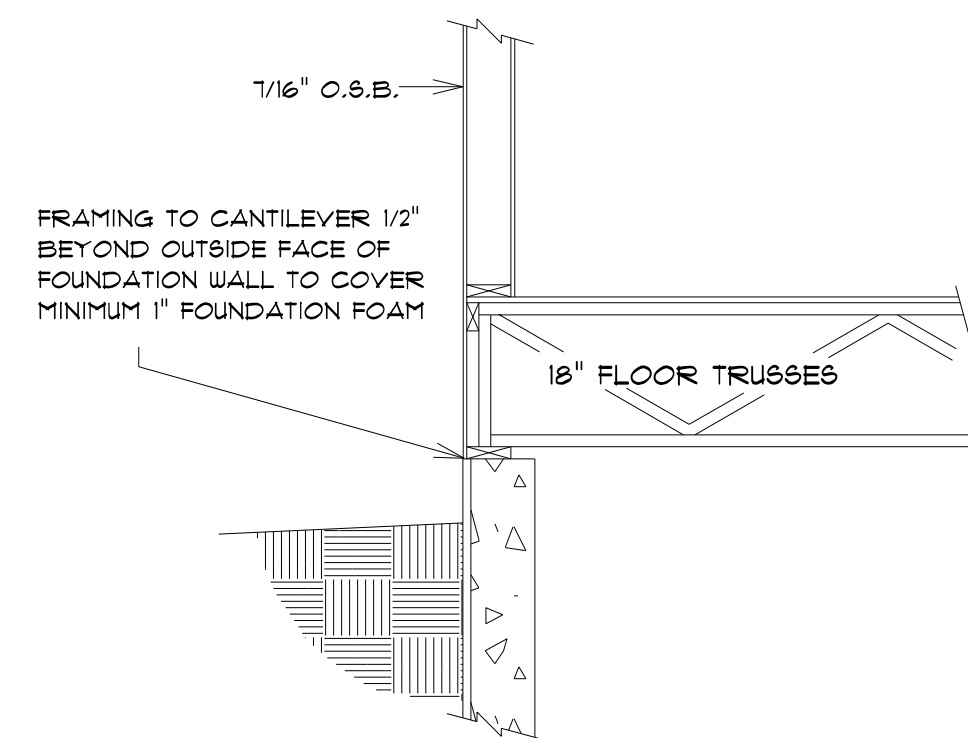
NOTE: VERIFY TRUSS CONFIGURATION WITH FINAL TRUSS DESIGN PROVIDED BY TRUSS SUPPLIER



SECOND FLOOR PLAN

SCALE : 1/4" = 1'-0"
8'-1 1/8" CLG. HGT.

NOTE:
UNLESS OTHERWISE NOTED,
TOP OF WINDOW R.O. TO
BE 6'-10 7/8" FROM TOP OF
SECOND FLOOR SUBFLOOR



BOX SILL DETAIL

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

SQUARE FOOTAGE:
FIRST FLOOR: 1460
SECOND FLOOR: 876
PLAY ROOM: 301
GARAGE: 1053
COVERED PORCH: 36

PLAN SPECIFICATIONS:

• THE CONDITIONS LISTED BELOW ARE STANDARD FOR THIS PLAN ONLY. EXCEPTIONS ARE NOTED ON THE PLAN ITSELF

WALL INFORMATION:
HOUSE FOUNDATION:
8" X 8'-0" POURED CONCRETE
GARAGE FOUNDATION:
6" X 4'-0" POURED CONCRETE
PORCH/PATIO FOUNDATION:
8" POURED CONCRETE, MIN. 4'-0" TALL
HOUSE EXTERIOR:
FIRST FLOOR: 2 X 6 X 9'-1 1/8", STUDS @ 16" O.C.
SECOND FLOOR: 2 X 6 X 8'-1 1/8", STUDS @ 16" O.C.
HOUSE INTERIOR:
FIRST FLOOR: 2 X 4 X 9'-1 1/8", STUDS @ 16" O.C.
SECOND FLOOR: 2 X 4 X 8'-1 1/8", STUDS @ 16" O.C.
GARAGE: 2 X 6 X 10'-8 3/8", STUDS @ 16" O.C.
• TALL WALLS ARE EXTERIOR WALLS WITH STUDS
TALLER THAN 10'-0" AND NEED TO BE DESIGNED
BY ENGINEERED WOOD PRODUCTS SUPPLIER
• TAPERED WALLS ARE TO BE FRAMED TO
UNDERSIDE OF SCISSORS ROOF TRUSSES

STAIR INFORMATION:
BASEMENT TO FIRST FLOOR:
15 RISERS @ 7 1/2" - 14 TREADS @ 9 1/2"
FIRST FLOOR TO SECOND FLOOR:
16 RISERS @ 7 1/2" - 15 TREADS @ 9 1/2"
BASEMENT TO GARAGE:
10 RISERS @ 7 1/2" - 11 TREADS @ 9 1/2"

FLOOR SYSTEMS:
BASEMENT:
4" REINFORCED CONCRETE SLAB
FIRST FLOOR:
18" FLOOR TRUSSES @ 16" O.C.
SECOND FLOOR:
12" FLOOR TRUSSES @ 16" O.C.
6TD. LOADING (PER SQ. FT.):
40# T.C.L.L., 10# T.C.D.L., 5# B.C.D.L.
ADDITIONAL LOADS (PER SQ. FT.):
10# T.C.D.L. FOR TILE FLOOR
15# T.C.D.L. FOR GRANITE
DEFLECTION: L/L/4/80, D/L/4/80
DURATION OF LOAD: 1.00%

• FRAMER TO REFERENCE JOIST/TRUSS LAYOUT PLANS TO
VERIFY EXACT SIZE AND LOCATION OF ALL FLASH
HEADERS AND BEAMS IN FLOOR SYSTEM
ROOF SYSTEM:
ENGINEERED WOOD TRUSSES @ 24" O.C.
DESIGNED FOR ZONE 1
6TD. LOADING (PER SQ. FT.):
30# T.C.L.L., 10# T.C.D.L., 10# B.C.D.L.
DEFLECTION: L/L/4/40, D/L/4/40
DURATION OF LOAD: 1.15%

• FRAMER TO REFERENCE TRUSS LAYOUT PLANS TO
VERIFY EXACT LOCATIONS OF GABLEN TRUSSES AND
THEIR RESPECTIVE BEARING REQUIREMENTS & UPLIFT
ANCHORING REQUIREMENTS
HEADERS:
• 6TD. HEADERS: (2) 2X12 SELECT STRUCTURAL HEM FIR
TOP OF WINDOW R.O.S.
FIRST FLOOR @ 6'-10 7/8" ABOVE SUBFLOOR
SECOND FLOOR @ 6'-10 7/8" ABOVE SUBFLOOR
• MINIMUM OF (2) TRIM STUDS AT EACH END FOR ALL
OPENINGS 4'-0" AND LARGER
WINDOWS:
• ALLIANCE VINYL WINDOWS
• MANUFACTURER TO PROVIDE SUPPLIER WITH EXACT
R.O. SIZES AND DETAILS. SUPPLIER TO VERIFY
THAT ALL CODE REQUIREMENTS ARE MET.

GENERAL INFORMATION:
• THE FOLLOWING ITEMS ARE TO BE LOCATED IN THE
FOUNDATION BY THE GENERAL CONTRACTOR:
BASEMENT WINDOWS FLOOR DRAINS
ELECTRIC SERVICES WATER HEATER
BUMP FIT & PUMP
• BUILDER TO PROVIDE HEADERS AT CONCRETE OPENINGS
IF NOT NOTED ON THE FOUNDATION PLAN
• POURED CONCRETE FOOTINGS TO BEAR ON
UNDISTURBED SOIL BELOW THE FROST LINE
• STEEL COLUMNS TO SUPPORT 12,000#
• INTERIOR BEARING WALLS TO SIT ON CONTINUOUS
CONCRETE FOOTINGS, STUDS @ 16" O.C. WITH BLOCKING OR
LATERAL BRACING
• CONCRETE CONTRACTOR AND BUILDER ARE RESPONSIBLE TO
DETERMINE SITE SOIL CONDITIONS AND FOLLOW
STANDARDS PER SP8 320.3.4. THE MOST RESTRICTIVE
STANDARDS OF SP8 32.5 - SP8 32.18, ACI 318-14,
AND ACI 332-14 FOR ALL FOOTING & WALL REINFORCEMENT.
IF NEEDED, MUST BE FOLLOWED
• ASSUMED SOIL CAPACITY IS 3,000 PSF. FTG. SIZES
MUST BE ADJUSTED FOR VARYING SITE DETERMINED
SOIL BEARING CONDITIONS
• ALL LUMBER IN PERMANENT CONTACT W/ CONCRETE MUST
BE PRESERVE TREATED LUMBER AS PER W/ SP8 321.10
• DUE TO UNKNOWN GRADE CONDITIONS, ACTUAL STEPS IN
FOUNDATION WALLS AND LOCATION OF WINDOW WELLS TO
BE DETERMINED ON SITE BY GENERAL CONTRACTOR
• FRAMER IS RESPONSIBLE FOR TRANSFERRING POINT
LOADS FROM ABOVE, THROUGH THE FLOOR SYSTEM(S)
AND WALLS, W/ SOLID BLOCKING DOWN TO CONCRETE
FOUNDATION WALLS BELOW
• PLAN IS DRAIN ACCORDINGLY FOR 3 1/4" CASING
• BUILDER TO PROVIDE ATTIC SCUTTLE AND LOCATION
• FIRE SEPARATION MUST BE PROVIDED BETWEEN HOUSE
AND GARAGE (SEE CODE FOR DETAILS)
• ALL CABINET LAYOUTS ARE CONCEPTUAL. CONSULT
CABINET DESIGNER/ PROVIDER FOR EXACT SIZES
AND LOCATIONS OF CABINETS, APPLIANCES, AND WINDOWS

IMPORTANT NOTE:

• IT IS AGREED THAT, ALTHOUGH EVERY EFFORT HAS BEEN MADE IN
PREPARING AND CHECKING THESE PLANS FOR ACCURACY, THE
GENERAL CONTRACTOR/OWNER MUST REVIEW ALL DIMENSIONS,
DETAILS AND NOTES BEFORE BEGINNING ANY CONSTRUCTION, AND IS
HEREBY HELD RESPONSIBLE FOR ANY DISCREPANCIES.
• IT IS UNDERSTOOD THAT THE WISCONSIN SAFETY AND PROFESSIONAL
SERVICES CODE AND LAYOUT DRAWINGS FOR FLOOR AND ROOF TRUSSES
SHALL TAKE FINAL PRECEDENCE OVER THESE ARCHITECTURAL PLANS.

MAILING ADDRESS:
P.O. BOX 10001
GREEN BAY, WI 54307-10001

COMPONENTS:
10' X 10' X 10' TIERAGE
GREEN BAY, WI 54303
PHONE (920)436-1080
FAX (920)434-9570

Wisconsin
BUILDING SUPPLY

CUSTOM DESIGNED FOR:
STAY GREEN BAY LLC

JOB NAME: SPEC 1
DATE: AUGUST 17, 2021
DRAWN BY: Nick Deane
PLAN #: 21-351-T

REVISIONS:
8/20/21
9/7/21 JAL
9/14/21

STAY GREEN BAY LLC	
CUSTOM DESIGNED FOR:	
JOB NAME: SPEC 1	REVISIONS:
DATE: AUGUST 11, 2021	8/22/21
DRAWN BY: Nick Davies	
PLAN #:	9/17/21 JAL
21-35-IT	9/14/21

WALL INFORMATION:

HOUSE FOUNDATION:
8" X 8" FOURED CONCRETE

GARAGE FOUNDATION:
6" X 4" FOURED CONCRETE

PORCH/PAVILION FOUNDATION:
8" FOURED CONCRETE, MIN. 4'-0" TALL

HOUSE EXTERIOR:
FIRST FLOOR: 2 X 6 X 9'-1 1/8", STUDS @ 16" O.C.
SECOND FLOOR: 2 X 6 X 8'-1 1/8", STUDS @ 16" O.C.

HOUSE INTERIOR:
FIRST FLOOR: 2 X 4 X 9'-1 1/8", STUDS @ 16" O.C.
SECOND FLOOR: 2 X 4 X 8'-1 1/8", STUDS @ 16" O.C.

GARAGE: 2 X 6 X 10'-3 3/8", STUDS @ 16" O.C.

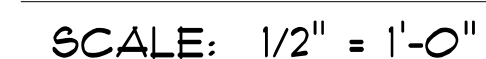
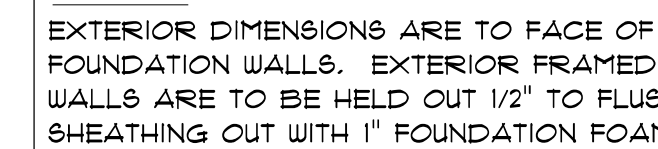
- TALL WALLS ARE EXTERIOR WALLS WITH STUDS
TALLER THAN 10'-0" AND NEED TO BE DESIGNED
BY A LICENSED WOOD PRODUCTS SUPPLIER.

- TAPEDED WALLS ARE TO BE FRAMED TO
UNDERSIDE OF SCISSOR ROOF TRUSSES

- * ASSUMED SOIL CAPACITY IS 3,000 PSF PER 6" DEPTH (SIZES MUST BE ADJUSTED FOR VARYING SITE DETERMINE SOIL BEARING CONDITIONS)
- * ALL LUMBER IN PERMANENT CONTACT W/ CONCRETE SHALL BE TREATED WITH LUMBER AS PER U/ SPS 3
- * DUE TO UNKNOWN GRADE CONDITIONS, ACTUAL 8" BOLT FOUNDATION WALLS AND LOCATION OF WINDOW WELLS WILL BE DETERMINED ON SITE BY GENERAL CONTRACTOR
- * PROVIDE RESPONSES AND ANSWERS FROM STUDY TO ALL LOADS FROM ABOVE, THROUGH THE FLOOR SYSTEM AND WALLS, W/ SOLID BLOCKING DOWN TO CONCRETE FOUNDATION WALLS BELOW
- * PLAN IS DRAIN ACCORDINGLY FOR 3 1/4" CASING
- * PROVIDE RESPONSES AND ANSWERS FROM STUDY TO ALL
- * BUILDER TO PROVIDE ACTUATE SCUTTLE AND LOCATION
- * FIRE SEPARATION MUST BE PROVIDED BETWEEN HALL AND GARAGE (SEE CODE FOR DETAILS)
- * PROVIDE LAYOUTS FOR MECHANICAL CONSULTANT
- * CABINET DESIGNER TO PROVIDER FOR CLOSET SIZES AND LOCATIONS OF CABINETS, APPLIANCES, AND

IT IS AGREED THAT ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING AND CHECKING THESE PLANS FOR ACCURACY, THE GENERAL CONTRACTOR/OWNER MUST REVIEW ALL DIMENSIONS, DETAILS AND NOTES BEFORE BEGINNING ANY CONSTRUCTION AND IS HEREBY HELD RESPONSIBLE FOR ANY DISCOVERED DISCREPANCIES.

IT IS UNDERSTOOD THAT THE WISCONSIN SAFETY AND PROFESSIONAL VICES CODE AND LAYOUT DRAWWINGS FOR FLOOR AND ROOF TRUSSES SHALL TAKE FINAL PRECEDENCE OVER THESE ARCHITECTURAL PLANS.

The logo for Wisconsin Building Supply features a stylized black silhouette of the state of Wisconsin. Inside the silhouette, the word "Wisconsin" is written in a white, serif font. To the right of the silhouette, the words "BUILDING SUPPLY" are written in a bold, black, sans-serif font, stacked vertically.



Easy Connectors LLC
300 Amsterdam Ct - Kimberly, WI 54136- (920) 850-1562

Methods, Materials	Minimum Thickness	Intermittent Methods	Connection Criteria	Figure
LJB Let-in-bracing	1x4 wood or metal straps, 45° to 60° angles		Wood: 2-8d common nails (21" long x 0.113" dia.) at each stud Metal: per manufacturer	
WSP Wood structural panel (OSB or plywood)	1/4"		8d common nails (2 1/4" long x 0.113" dia.) @ 6" edges, @ 12" field	
SFB Structural fiberboard sheathing	1/4" (maximum 16" stud spacing)		Galv. roofing nails (11" long x 0.113" dia.) @ 8" edges, @ 6" field or 8d common nails (2 1/4" long x 0.113" dia.) @ 6" edges, @ 12" field	
GB Gypsum board	1/4"		Nails: 13 gage x 1 1/4" long, 1/16" head or 0.098" dia., 1 1/4" long, annular-ringed or 5d cooler nails, 0.084" dia., 1 1/4" long @ 7" Screws: Type W or S @ 7"	
PFH Portal frame with hold-downs	1/4"		See Page 7 for portal frames.	
PFG Portal frame at garage	7/16"		See Page 7 for portal frames.	
Continuous Sheathing Methods				
CS-WSP Continuous wood structural panel	1/4"		8d common nails (2 1/4" long x 0.113" dia.) @ 6" edges, @ 12" field	
CS-G Continuous wood structural panel at garage door opening	1/4" (applies to one wall of one-story garages only)		8d common nails (2 1/4" long x 0.113" dia.) @ 6" edges, @ 6" field	
CS-SFB Continuous structural fiberboard	1/4" (maximum 16" stud spacing)		Galv. roofing nails (11" long x 0.113" dia.) @ 8" edges, @ 6" field 8d common nails (2 1/4" long x 0.113" dia.) @ 6" edges, @ 12" field	
CS-PF Continuous sheathing portal frame	7/16"		See Page 7 for portal frames.	

TABLE R602.10.3(1)
BRACING REQUIREMENTS BASED ON WIND SPEED

- Exposure Category B
- 20 Foot Mean Roof Height
- 10 Foot Eave-to-Ridge Height
- 10 Foot Wall Height
- 2 Braced Wall Lines

Basic Wind Speed (mph)	Story Location	Braced Wall Line Spacing (feet)	Method 1: WSP, PFB, PCT, HPS, CS-SFB	Method 2: CS-WSP, CS-G, CS-PF
≤ 80	Roof	10	3.5	2.0
		20	6.0	3.5
		30	8.5	5.0
		40	11.5	6.5
		50	14.0	8.0
	Wall	10	6.5	3.5
		20	11.5	6.5
		30	16.5	9.5
		40	21.5	12.5
		50	26.5	15.0
≤ 90	Roof	10	4.5	2.5
		20	9.0	4.0
		30	13.5	5.5
		40	18.0	7.0
		50	22.5	8.5
	Wall	10	9.0	5.5
		20	18.0	9.0
		30	27.0	12.5
		40	36.0	16.0
		50	45.0	19.5

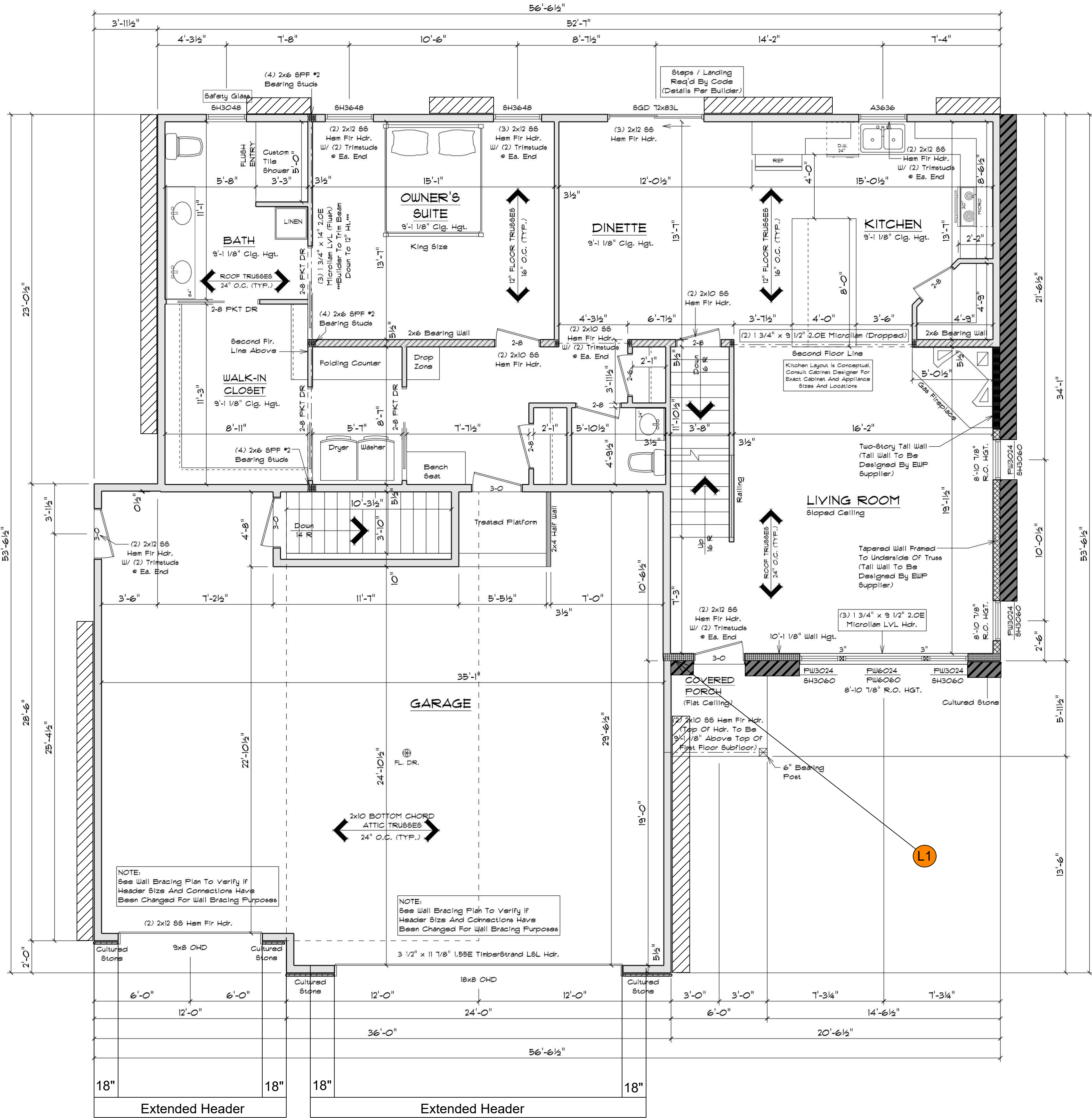
For S1: 1 mph = 22.4 m/s, 1 ft = 0.305 m, 1 mile per hour = 0.447 m/s.
a. Linear interpolation shall be permitted.
b. Method 1B and 1C have systems based on lateral force or lateral force per unit area. Lateral force or lateral force per unit area shall not exceed 8 m/s.
c. Method CS-SFB does not apply where the wind speed is greater than 100 m/s.

TABLE R602.10.3(2)
WIND ADJUSTMENT FACTORS TO THE REQUIRED LENGTH OF WALL BRACING

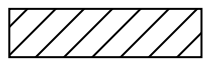
Adjustment Based On	Condition	Adjustment Factor ^a (Multiply length from Table R602.10.3(1) by this factor)	Applicable Methods
Supporting Structure	One-story structure	1.00	
	Two-story structure	1.20	
	Three-story structure	1.50	
	Four-story structure	2.00	
Exposure category	C	1.00	
	D	1.20	
	E	1.50	
	F	2.00	
Roof only	≤ 5 feet	0.70	
	5 to 10 feet	1.00	
	10 to 15 feet	1.30	
	15 to 20 feet	1.60	
Roof eave-to-ridge height	≤ 5 feet	0.85	
	5 to 10 feet	1.00	
	10 to 15 feet	1.15	
	15 to 20 feet	1.30	
Roof = 1 floor	≤ 5 feet	0.90	
	5 to 10 feet	1.00	
	10 to 15 feet	1.10	
	15 to 20 feet	1.20	
Roof = 2 floors	≤ 5 feet	1.00	
	5 to 10 feet	1.10	
	10 to 15 feet	1.20	
	15 to 20 feet	1.30	
Wall height adjustment	≤ 5 feet	0.90	
	5 to 10 feet	1.00	
	10 to 15 feet	1.10	
	15 to 20 feet	1.20	
Number of braced wall lines (per plan direction)	2	1.00	
	3	1.20	
	4	1.45	
	≥ 5	1.60	

For S1: 1 mph = 22.4 m/s, 1 ft = 0.305 m, 1 mile per hour = 0.447 m/s.
a. Linear interpolation shall be permitted.
b. The total adjustment factor is the product of all applicable adjustment factors.
c. The adjustment factor is permitted to be 1.0 when determining bracing requirements for intermediate braced wall lines provided the bracing requirements are determined based on the total length of the braced wall line and the bracing requirements are determined based on the total length of the braced wall line.

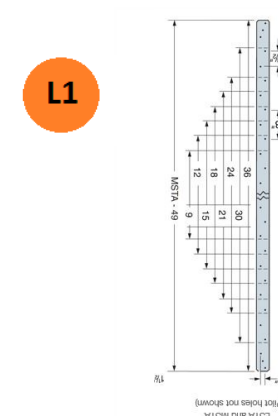
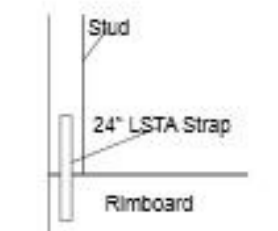
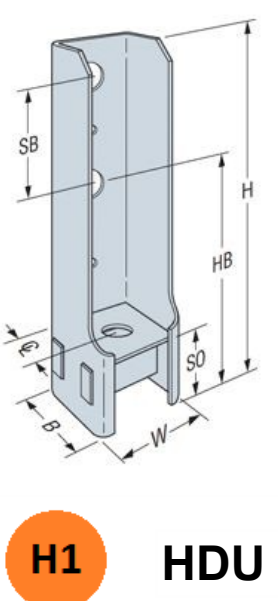
Bracing Connection	Minimum Width of Braced Wall Panel for Stud Height of	Max. Opening Width for Stud Height of	Max. Opening Depth for Stud Height of
WSP	8 feet	8 feet	16 feet
SFB	8 feet	8 feet	16 feet
GB	8 feet	8 feet	16 feet
PFH	8 feet	8 feet	16 feet
PFG	8 feet	8 feet	16 feet
CS-WSP	8 feet	8 feet	16 feet
CS-G	8 feet	8 feet	16 feet
CS-SFB	8 feet	8 feet	16 feet
CS-PF	8 feet	8 feet	16 feet



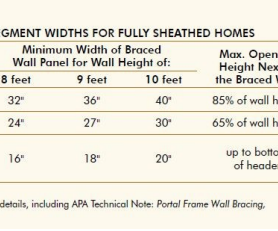
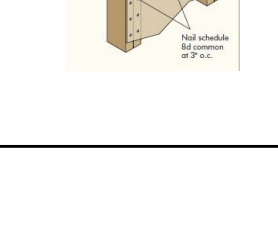
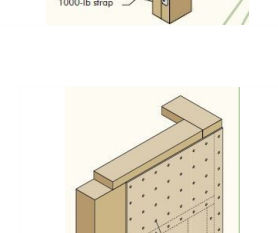
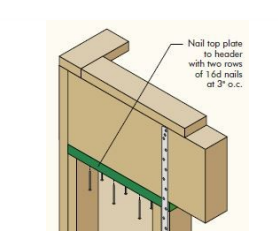
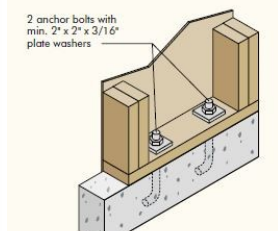
WSP
No Blocking Required



CS-WSP
Blocking Required



L1



L1



Easy Connectors LLC
300 Amsterdam Ct - Kimberly, WI 54136- (920) 850-1562

Methods, Materials	Minimum Thickness	Intermittent Methods	Connection Criteria	Figure
LJB Let-in-bracing	1x4 wood or metal straps, 45° to 60° angles	Wood: 2-8d common nails (21" long x 0.113" dia.) at each stud Metal: per manufacturer		
WSP Wood structural panel (OSB or plywood)	3/4"	8d common nails (2 1/4" long x 0.113" dia.) @ 6" edges, @ 12" field		
SFB Structural fiberboard sheathing	3/4" (maximum 16" stud spacing)	Galv. roofing nails (11 1/2" long x 0.113" dia.) @ 8" edges, @ 6" field or 8d common nails (2 1/4" long x 0.113" dia.) @ 5" edges, @ 12" field		
GB Gypsum board	3/4"	Nails: 13 gage x 1 1/4" long, 7/16" head or 0.098" dia., 1 1/4" long, annular-ringed or 5d cooler nails, 0.098" dia., 1 1/4" long @ 7" Screws: Type W or S @ 7"		
PFH Portal frame with hold-downs	3/4"	See Page 7 for portal frames.		
PFG Portal frame at garage	7/16"	See Page 7 for portal frames.		
Continuous Sheathing Methods				
CS-WSP Continuous wood structural panel	3/4"	8d common nails (2 1/4" long x 0.113" dia.) @ 6" edges, @ 12" field		
CS-G Continuous wood structural panel at garage door opening	3/4" (applies to one wall of one-story garages only)	8d common nails (2 1/4" long x 0.113" dia.) @ 6" edges, @ 6" field		
CS-SFB Continuous structural fiberboard	3/4" (maximum 16" stud spacing)	Galv. roofing nails (11 1/2" long x 0.113" dia.) @ 8" edges, @ 6" field 8d common nails (2 1/4" long x 0.113" dia.) @ 6" edges, @ 12" field		
CS-PF Continuous sheathing portal frame	7/16"	See Page 7 for portal frames.		

TABLE R602.10-3(1) BRACING REQUIREMENTS BASED ON WIND SPEED			
Exposure Category B: • 20 Foot Mean Roof Height • 10 Foot Low-to-Ridge Height • 10 Foot Wall Height • 2 Braced Wall Lines			
Basic Wind Speed (mph)	Braced Wall Line Spacing (feet)	Method LSP	Minimum Total Length (feet) of Braced Wall Panels Required Along Each Braced Wall Line
≤ 30	10	3.5	3.5
	20	6.0	6.0
	30	8.5	8.5
	40	11.5	11.5
	50	14.0	14.0
	60	16.5	16.5
≤ 35	10	6.5	6.5
	20	11.5	11.5
	30	16.5	16.5
	40	21.5	21.5
	50	26.5	26.5
	60	31.5	31.5
≤ 40	10	9.0	9.0
	20	17.0	17.0
	30	24.5	24.5
	40	32.0	32.0
	50	39.0	39.0
	60	46.5	46.5
≤ 45	10	3.5	3.5
	20	7.0	7.0
	30	9.5	9.5
	40	12.5	12.5
	50	15.5	15.5
	60	18.5	18.5
≤ 50	10	7.0	7.0
	20	13.0	13.0
	30	18.5	18.5
	40	24.0	24.0
	50	29.5	29.5
	60	35.0	35.0
≤ 55	10	10.5	10.5
	20	19.0	19.0
	30	27.5	27.5
	40	35.5	35.5
	50	44.0	44.0
	60	52.0	52.0

For S1: 1 mph = 22.4 m/s, 1 mph = 30.5 m/s, 1 mph = 48.3 m/s.
a. Linear interpolation shall be permitted.
b. Method D8 and D9 trans-gypsum board fasteners to be used on one side with nails or screws on opposite side with S100 (R602.10.3.1) for exterior sheathing. Make S100 S100 for exterior sheathing. Spacing of fasteners at panel edges shall not exceed 8 inches.
c. Method CS-SFB does not apply where the wind speed is greater than 100 mph.

TABLE R602.10-3(2) WIND ADJUSTMENT FACTORS TO THE REQUIRED LENGTH OF WALL BRACING			
Adjustment Based On	Shelf/ Supporting	Condition	Adjustment Factor ^a (Multiply length from Table R602.10.3(1) by this factor)
One-story structure	C	One-story structure	1.00
		Two-story structure	1.20
		Three-story structure	1.50
		Roof only	1.00
Exposure category	B	One-story structure	1.00
		Two-story structure	1.20
		Three-story structure	1.50
		Roof only	1.00
Roof slope-to- ridge height	Roof = 1	Roof = 1	1.00
		Roof = 1	1.10
		Roof = 1	1.20
		Roof = 1	1.30
Roof = 2	Roof = 2	Roof = 2	1.00
		Roof = 2	1.10
		Roof = 2	1.20
		Roof = 2	1.30
Wall height adjustment	Any story	Any story	1.00
		Any story	1.05
		Any story	1.10
		Any story	1.15
Number of braced wall lines (per plan direction)	Any story	Any story	1.00
		Any story	1.10
		Any story	1.20
		Any story	1.30

For S1: 1 mph = 22.4 m/s, 1 mph = 30.5 m/s, 1 mph = 48.3 m/s.
a. Linear interpolation shall be permitted.
b. The total adjustment factor is the product of all applicable adjustment factors.
c. The adjustment factor is permitted to be 1.0 when determining bracing amounts for intermediate braced wall lines provided the bracing amounts on adjacent braced wall lines are based on spacing and number that require the intermediate braced wall line.

TABLE 1 ALLOWABLE BRACING SEGMENT LENGTHS FOR FULLY SHEATHED HOMES			
Bracing Construction	Minimum Width of Braced Wall Panel for Stud Spacing of	Max. Segment Length for Bracing	Max. Segment Length for Bracing
OSB or Plywood	8 feet	8 feet	16 feet
OSB or Plywood	12 feet	12 feet	24 feet
OSB or Plywood	16 feet	16 feet	32 feet
OSB or Plywood	20 feet	20 feet	40 feet
OSB or Plywood	24 feet	24 feet	48 feet
OSB or Plywood	28 feet	28 feet	56 feet
OSB or Plywood	32 feet	32 feet	64 feet
OSB or Plywood	36 feet	36 feet	72 feet
OSB or Plywood	40 feet	40 feet	80 feet
OSB or Plywood	44 feet	44 feet	88 feet
OSB or Plywood	48 feet	48 feet	96 feet
OSB or Plywood	52 feet	52 feet	104 feet
OSB or Plywood	56 feet	56 feet	112 feet
OSB or Plywood	60 feet	60 feet	120 feet
OSB or Plywood	64 feet	64 feet	128 feet
OSB or Plywood	68 feet	68 feet	136 feet
OSB or Plywood	72 feet	72 feet	144 feet
OSB or Plywood	76 feet	76 feet	152 feet
OSB or Plywood	80 feet	80 feet	160 feet
OSB or Plywood	84 feet	84 feet	168 feet
OSB or Plywood	88 feet	88 feet	176 feet
OSB or Plywood	92 feet	92 feet	184 feet
OSB or Plywood	96 feet	96 feet	192 feet
OSB or Plywood	100 feet	100 feet	200 feet
OSB or Plywood	104 feet	104 feet	208 feet
OSB or Plywood	108 feet	108 feet	216 feet
OSB or Plywood	112 feet	112 feet	224 feet
OSB or Plywood	116 feet	116 feet	232 feet
OSB or Plywood	120 feet	120 feet	240 feet
OSB or Plywood	124 feet	124 feet	248 feet
OSB or Plywood	128 feet	128 feet	256 feet
OSB or Plywood	132 feet	132 feet	264 feet
OSB or Plywood	136 feet	136 feet	272 feet
OSB or Plywood	140 feet	140 feet	280 feet
OSB or Plywood	144 feet	144 feet	288 feet
OSB or Plywood	148 feet	148 feet	296 feet
OSB or Plywood	152 feet	152 feet	304 feet
OSB or Plywood	156 feet	156 feet	312 feet
OSB or Plywood	160 feet	160 feet	320 feet
OSB or Plywood	164 feet	164 feet	328 feet
OSB or Plywood	168 feet	168 feet	336 feet
OSB or Plywood	172 feet	172 feet	344 feet
OSB or Plywood	176 feet	176 feet	352 feet
OSB or Plywood	180 feet	180 feet	360 feet
OSB or Plywood	184 feet	184 feet	368 feet
OSB or Plywood	188 feet	188 feet	376 feet
OSB or Plywood	192 feet	192 feet	384 feet
OSB or Plywood	196 feet	196 feet	392 feet
OSB or Plywood	200 feet	200 feet	400 feet
OSB or Plywood	204 feet	204 feet	408 feet
OSB or Plywood	208 feet	208 feet	416 feet
OSB or Plywood	212 feet	212 feet	424 feet
OSB or Plywood	216 feet	216 feet	432 feet
OSB or Plywood	220 feet	220 feet	440 feet
OSB or Plywood	224 feet	224 feet	448 feet
OSB or Plywood	228 feet	228 feet	456 feet
OSB or Plywood	232 feet	232 feet	464 feet
OSB or Plywood	236 feet	236 feet	472 feet
OSB or Plywood	240 feet	240 feet	480 feet
OSB or Plywood	244 feet	244 feet	488 feet
OSB or Plywood	248 feet	248 feet	496 feet
OSB or Plywood	252 feet	252 feet	504 feet
OSB or Plywood	256 feet	256 feet	512 feet
OSB or Plywood	260 feet	260 feet	520 feet
OSB or Plywood	264 feet	264 feet	528 feet
OSB or Plywood	268 feet	268 feet	536 feet
OSB or Plywood	272 feet	272 feet	544 feet
OSB or Plywood	276 feet	276 feet	552 feet
OSB or Plywood	280 feet	280 feet	560 feet
OSB or Plywood	284 feet	284 feet	568 feet
OSB or Plywood	288 feet	288 feet	576 feet
OSB or Plywood	292 feet	292 feet	584 feet
OSB or Plywood	296 feet	296 feet	592 feet
OSB or Plywood	300 feet	300 feet	600 feet
OSB or Plywood	304 feet	304 feet	608 feet
OSB or Plywood	308 feet	308 feet	616 feet
OSB or Plywood	312 feet	312 feet	624 feet
OSB or Plywood	316 feet	316 feet	632 feet
OSB or Plywood	320 feet	320 feet	640 feet
OSB or Plywood	324 feet	324 feet	648 feet
OSB or Plywood	328 feet	328 feet	656 feet
OSB or Plywood	332 feet	332 feet	664 feet
OSB or Plywood	336 feet	336 feet	672 feet
OSB or Plywood	340 feet	340 feet	680 feet
OSB or Plywood	344 feet	344 feet	688 feet
OSB or Plywood	348 feet	348 feet	696 feet
OSB or Plywood	352 feet	352 feet	704 feet
OSB or Plywood	356 feet	356 feet	712 feet
OSB or Plywood	360 feet	360 feet	720 feet
OSB or Plywood	364 feet	364 feet	728 feet
OSB or Plywood	368 feet	368 feet	736 feet
OSB or Plywood	372 feet	372 feet	744 feet
OSB or Plywood	376 feet	376 feet	752 feet
OSB or Plywood	380 feet	380 feet	760 feet
OSB or Plywood	384 feet	384 feet	768 feet
OSB or Plywood	388 feet	388 feet	776 feet
OSB or Plywood	392 feet	392 feet	784 feet
OSB or Plywood	396 feet	396 feet	792 feet
OSB or Plywood	400 feet	400 feet	800 feet
OSB or Plywood	404 feet	404 feet	808 feet
OSB or Plywood	408 feet	408 feet	816 feet
OSB or Plywood	412 feet	412 feet	824 feet
OSB or Plywood	416 feet	416 feet	832 feet
OSB or Plywood	420 feet	420 feet	840 feet
OSB or Plywood	424 feet	424 feet	848 feet
OSB or Plywood	428 feet	428 feet	856 feet
OSB or Plywood	432 feet	432 feet	864 feet
OSB or Plywood	436 feet	436 feet	872 feet
OSB or Plywood	440 feet	440 feet	880 feet
OSB or Plywood	444 feet	444 feet	888 feet
OSB or Plywood	448 feet	448 feet	896 feet
OSB or Plywood	452 feet	452 feet	904 feet
OSB or Plywood	456 feet	456 feet	912 feet
OSB or Plywood	460 feet	460 feet	920 feet
OSB or Plywood	464 feet	464 feet	928 feet
OSB or Plywood	468 feet	468 feet	936 feet
OSB or Plywood	472 feet	472 feet	944 feet
OSB or Plywood	476 feet	476 feet	952 feet
OSB or Plywood	480 feet	480 feet	960 feet
OSB or Plywood	484 feet	484 feet	968 feet
OSB or Plywood	488 feet	488 feet	976 feet
OSB or Plywood	492 feet	492 feet	984 feet
OSB or Plywood	496 feet	496 feet	992 feet
OSB or Plywood	500 feet	500 feet	1000 feet
OSB or Plywood	504 feet	504 feet	1008 feet
OSB or Plywood	508 feet	508 feet	1016 feet
OSB or Plywood	512 feet	512 feet	1024 feet
OSB or Plywood	516 feet	516 feet	1032 feet
OSB or Plywood	520 feet	520 feet	1040 feet
OSB or Plywood	524 feet	524 feet	1048 feet
OSB or Plywood	528 feet	528 feet	1056 feet
OSB or Plywood	532 feet	532 feet	1064 feet
OSB or Plywood	536 feet	536 feet	1072 feet
OSB or Plywood	540 feet	540 feet	1080 feet
OSB or Plywood	544 feet	544 feet	1088 feet
OSB or Plywood	548 feet	548 feet	1096 feet
OSB or Plywood	552 feet	552 feet	1104 feet
OSB or Plywood	556 feet	556 feet	1112 feet
OSB or Plywood	560 feet	560 feet	1120 feet
OSB or Plywood	564 feet	564 feet	1128 feet
OSB or Plywood	568 feet	568 feet	1136 feet
OSB or Plywood	572 feet	572 feet	1144 feet
OSB or Plywood	576 feet	576 feet	1152 feet
OSB or Plywood	580 feet	580 feet	1160 feet
OSB or Plywood	584 feet	584 feet	1168 feet
OSB or Plywood	588 feet	588 feet	1176 feet
OSB or Plywood	592 feet	592 feet	1184 feet
OSB or Plywood	596 feet	596 feet	1192 feet
OSB or Plywood	600 feet	600 feet	1200 feet
OSB or Plywood	604 feet	604 feet	1208 feet
OSB or Plywood	608 feet	608 feet	1216 feet
OSB or Plywood	612 feet	612 feet	1224 feet
OSB or Plywood	616 feet	616 feet	1232 feet
OSB or Plywood	620 feet	620 feet	1240 feet
OSB or Plywood	624 feet	624 feet	1248 feet
OSB or Plywood	628 feet	628 feet	1256 feet
OSB or Plywood	632 feet	632 feet	1264 feet
OSB or Plywood	636 feet	636 feet	1272 feet
OSB or Plywood	640 feet	640 feet	1280 feet
OSB or Plywood	644 feet	644 feet	1288 feet
OSB or Plywood	648 feet	648 feet	1296 feet
OSB or Plywood	652 feet	652 feet	1304 feet
OSB or Plywood	656 feet	656 feet	1312 feet
OSB or Plywood	660 feet	660 feet	1320 feet
OSB or Plywood	664 feet	664 feet	1328 feet
OSB or Plywood	668 feet	668 feet	1336 feet
OSB or Plywood	672 feet	672 feet	1344 feet
OSB or Plywood	676 feet	676 feet	1352 feet
OSB or Plywood	680 feet	680 feet	1360 feet
OSB or Plywood	684 feet	684 feet	1368 feet
OSB or Plywood	688 feet	688 feet	1376 feet
OSB or Plywood	692 feet	692 feet	1384 feet
OSB or Plywood	696 feet	696 feet	1392 feet
OSB or Plywood	700 feet	700 feet	1400 feet
OSB or Plywood	704 feet	704 feet	1408 feet
OSB or Plywood	708 feet	708 feet	1416 feet
OSB or Plywood	712 feet	712 feet	1424 feet
OSB or Plywood	716 feet	716 feet	1432 feet
OSB or Plywood	720 feet	720 feet	1440 feet
OSB or Plywood	724 feet	724 feet	1448 feet
OSB or Plywood	728 feet	728 feet	1456 feet
OSB or Plywood	732 feet	732 feet	1464 feet
OSB or Plywood	736 feet	736 feet	1472 feet
OSB or Plywood	740 feet	740 feet	1480 feet
OSB or Plywood	744 feet	744 feet	1488 feet
OSB or Plywood	748 feet	748 feet	1496 feet
OSB or Plywood	752 feet	752 feet	1504 feet
OSB or Plywood	756 feet	756 feet	15