

MORNING SUN PARADE MODEL - THE JULIA HOME

PLAN INFORMATION:

FRAMING NOTES:

1. ALL EXTERIOR WALLS TO BE 16" O.C. WITH A DOUBLE TOP PLATE UNLESS OTHERWISE NOTED.
2. WALL FRAMING SHALL BE S.P.F. STUD GRADE OR BETTER UNLESS NOTED OTHERWISE (U.N.O.)
3. ALL HEADERS SHALL BE PER PLAN
4. ALL EXTERIOR HEADERS SHALL HAVE (1)2X6 BEARING STUD & (1) 2X6 FULL HEIGHT KING STUD ON EACH SIDE U.N.O. (REVIEW PLANS)
5. ALL INTERNAL HEADERS & BEAMS SHALL HAVE (1)2X6 OR (1)2X4 BEARING STUD ON EACH SIDE U.N.O.
6. EXTERIOR SHEATHING SHALL BE 7/16" MATERIAL CONSISTING OF ORIENTED STRAND BOARD (OSB)-ALL FLOOR AND CEILING SYSTEMS TO BE CHECKED AND DESIGNED BY THE DESIGNATED MANUFACTURER. FLOOR PLANS TO BE ON SITE.
7. HEADER SIZES ARE TO BE USED PER PLAN AND DEVIATION FROM ANY SIZE MUST BE APPROVED BY DESIGNERS.
8. PRESSURE TREATED WOOD IS TO BE USED WHERE WOOD IS IN CONTACT WITH CONCRETE AND AT 2X6 MUD SILL. TREATED MEMBERS TO BE S.Y.P.#2 OR BETTER.
9. FOR OPENINGS IN EXTERIOR WALLS (OR WALLS W/ LATERAL LOADING):
 - a. 0'-0" - 4'-0" = 1 JACK STUD
 - b. 4'-0" - 8'-0" = 2 JACK STUDS
 - c. 8'-0" - 12'-0" = 3 JACK STUDS
 - d. GREATER THAN 12' = CONSULT ENG.
10. POSTS CALLED OUT ARE NUMBER OF TRIMMER/JACK STUDS REQUIRED PER SIDE OF OPENING.

CONCRETE NOTES:

1. ALL CONCRETE FOOTINGS AND FOUNDATION SYSTEMS ARE DESIGNED FOR A 2000 P.S.F. SOIL.
2. FOUNDATION WALLS SHALL BE FULL HEIGHT AT UNBALANCED FILL GREATER THAN 3'4".
3. 1/2" ANCHOR BOLTS EMBEDDED 7" MINIMUM @ 6" O.C. MAX. 12" MIN. FROM EACH END. MINIMUM OF 2 BOLTS IN EACH SILL PLATE (REFER TO STRUCTURAL PAGES).
4. PAD FOOTING REINFORCEMENT IS TO BE LOCATED (3") FROM BOTTOM OF FOOTING TYP. (WHEN REQUIRED)
5. REFER TO STRUCTURAL PAGES FOR ADDITIONAL INFORMATION REGARDING RE-BAR/ETC.
6. **MIN. 5000 PSI CONCRETE @ ALL FOOTINGS**

INSULATION:

1. ALL EXTERIOR WALLS TO HAVE A MINIMUM RATING OF R-20.
2. ALL ATTIC SPACES ARE TO HAVE A MINIMUM RATING OF R-49.
3. ALL FLOOR SPACES OVER UNCONDITIONED SPACE OR CANTILEVERED ARE TO BE INSULATED TO MIN. R30.

SHEETROCK/GYPSUM BOARD:

1. ALL CEILINGS ARE TO HAVE 5/8" NON-SAG GYPSUM BOARD UNLESS OTHERWISE NOTED.
2. ALL WALLS ARE TO HAVE 1/2" GYPSUM BOARD UNLESS OTHERWISE NOTED.
3. GARAGE CEILING AND WALLS THAT ADJOIN HOUSE WALLS ARE TO BE 5/8" GYPSUM BOARD PER CODE.

DOORS & WINDOWS:

1. ALL WINDOWS AND DOORS TO BE DOUBLE PANE GLASS PANELS WITH LOW-E RATINGS.
2. ANY WINDOW WITHIN 24" OF A DOOR SWING MUST BE TEMPERED PER CODE.
3. ANY WINDOW ABOVE A TUB/WET AREA MUST BE TEMPERED PER CODE.
4. ANY WINDOW WITHIN A STAIRWAY MUST BE TEMPERED PER CODE.
5. WINDOW GLAZING MUST BE AT LEAST 18" A.F.F. WHEN WINDOW IS ABOVE 6' FROM GRADE. IF WITHIN 18", WINDOW MUST BE TEMPERED.
6. ALL BEDROOMS TO HAVE AT LEAST ONE WINDOW THAT HAS A CLEAR EGRESS OPENING OF 5.7 SQ. FT. WITH MIN. DIMENSIONS OF 24" IN HEIGHT AND 20" IN WIDTH, SILL HEIGHT NOT TO BE GREATER THAN 44" A.F.F.
7. WINDOWS WITH SILLS WITHIN 3' OF THE FLOOR THEY SERVE AND ARE 72" ABOVE GRADE MUST EITHER HAVE A FALL PREVENTION OR OPENING LIMITER DEVICE PER CODE.

MECHANICAL & ELECTRICAL:

1. ALL ELECTRICAL AND MECHANICAL EQUIPMENT TO BE VERIFIED AND INSTALLED PER CODE BY APPROVED TRADES AND INSTALLERS.
2. HVAC CONTRACTOR TO VERIFY LAYOUT FOR DUCT-RUNS BEFORE INSTALLATION, IF MODIFICATION IS REQUIRED, REPORT INFORMATION/CHANGES TO CONTRACTOR & LITTFIN DESIGN.



SHEET INDEX:

C	COVER
A1	FRONT ELEVATION & ROOF
A2	SIDE & REAR ELEVATIONS
A3	FOUNDATION
A4	FIRST FLOOR PLAN
D1	SECTION THROUGH HOME
D2	SECTION THROUGH HOME
D3	DETAILS
R1	RADON DETAILS
S1	BRACED WALL PLANS
S2	BRACED WALL DETAILS

CODE INFORMATION:

SINGLE FAMILY CONSTRUCTION TYPE IRC-1
 -2020 MINNESOTA STATE RESIDENTIAL CODE
 -2017 NATIONAL ELECTRICAL CODE
 -2020 MINNESOTA STATE MECHANICAL & FUEL GAS CODE
 -2020 MINNESOTA STATE FIRE CODE
 -2020 MINNESOTA PLUMBING CODE

SOIL TYPE:

DESIGNED WITH 2000 PSI SOILS. ALL FOUNDATION CONSTRUCTION MUST FACTOR IN THIS AT A MINIMUM.

WIND EXPOSURE:

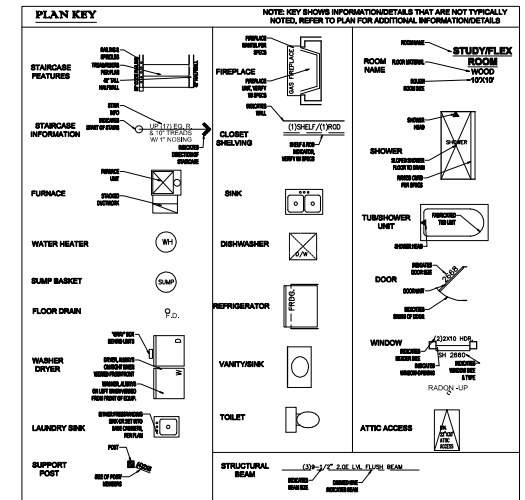
DESIGNED WITH "EXPOSURE C" CLASSIFICATIONS AND WIND GUSTS OF 115 MPH PER 2020 MN RESIDENTIAL CODE REGULATIONS.

GENERAL NOTES:

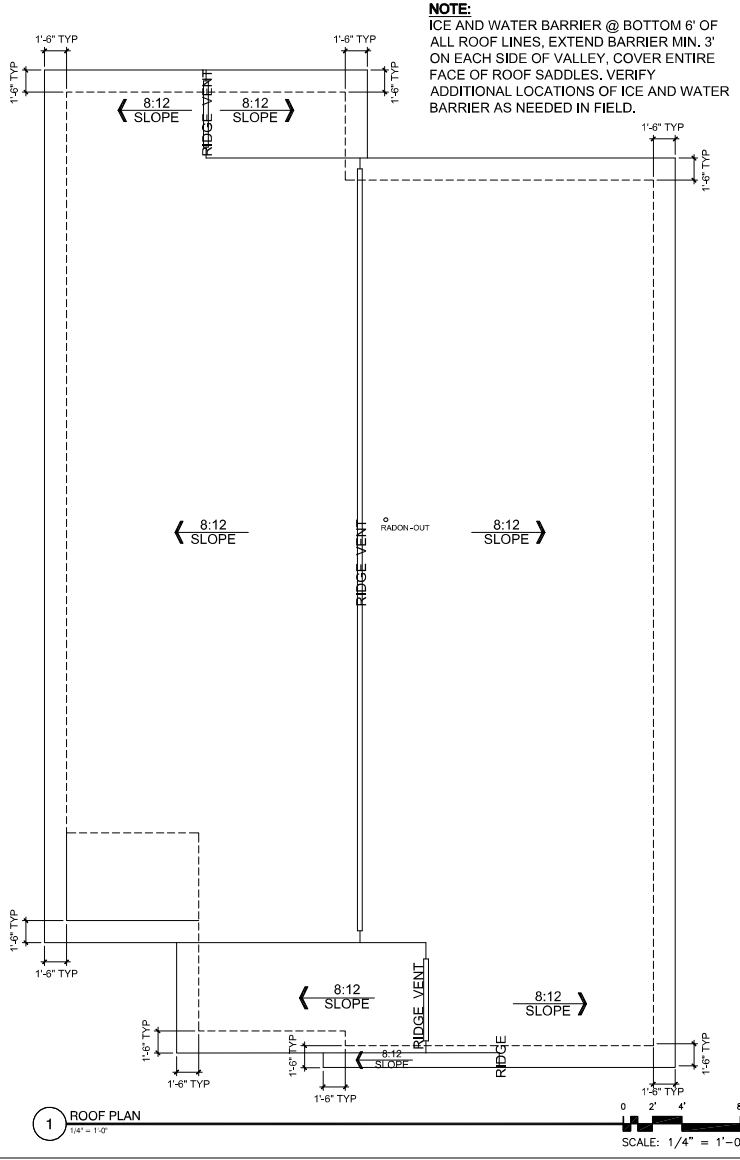
- ALL FOUNDATION WALL STRUCTURAL INFORMATION USED TO CONSTRUCT THE FOUNDATION SYSTEM IS TO BE ON SITE WHEN POURING OR BUILDING WALLS.
- ALL STRUCTURAL BEAMS, POSTS & TALL WALLS ARE TO BE BUILT PER I-LEVEL SPECIFICATIONS.
- ALL MANUFACTURED FLOOR & ROOF TRUSSES ARE TO BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.
- ALL MANUFACTURED FLOOR & ROOF TRUSS SPECIFICATIONS ARE TO BE ON SITE DURING INSTALLATION.

-WINDOW SIZE NOTES (EXAMPLES):

- SH3050 EQUALS SINGLE HUNG 3'0" BY 5'0"
- FX2646 EQUALS FIXED 2'6" BY 4'6"



REVISION:	REV. DATE:	DRAWING TITLE: THE JULIA HOME LOCATION: MORNING SUN PARADE MODEL	ALL PLANS & DESIGNS SHOWN ARE THE PROPERTY OF LITTFIN DESIGN. USE OF THESE PLANS ON ANY OTHER PROJECT/LOT OTHER THAN NOTED ON THIS TITLEBLOCK WITHOUT THE WRITTEN CONSENT OF LITTFIN DESIGN IS PROHIBITED. © COPYRIGHT 2020		LITTFINDESIGN.COM MLITTFIN@HOTMAIL.COM 320-224-7844 WINSTED, MN	CURRENT DATE: 11-11-20	PAGE C PAGE DESCRIPTION: COVER SHEET	SCALED PRINT @ 24X36
-----------	------------	---	--	--	--	---------------------------	---	----------------------

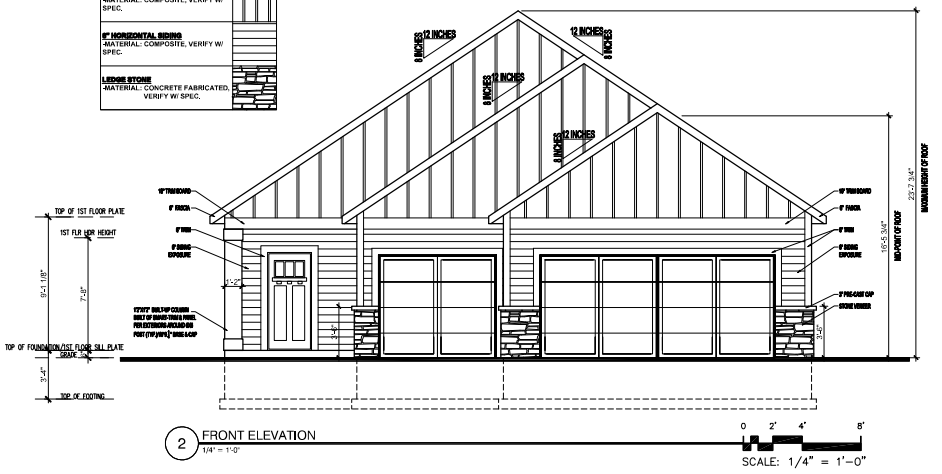


GENERAL EXTERIOR NOTES:

1. ALL EXT. TRIM TO BE FLASHED PER CODE.
2. SUPPLY DRIPCUPS ON ALL WINDOWS AND DOORS.
3. SUPPLY SEPARATION BETWEEN WOOD, COMPOSITE WOOD AND ANY OTHER WOOD MATERIAL PER SPECIFICATIONS.
4. SUPPLY AT LEAST 6" OF SPACE BETWEEN BOTTOMS OF WINDOWS AND ROOFS.
5. GRADE CONDITIONS MAY VARY ON SITE.
6. PROVIDE ROOF AND SOFFIT VENTS PER IRC CODE REGULATIONS.
7. ALL FURNACE FLUES, PLUMBING VENTS, FIREPLACE VENTS AND OTHER PENETRATIONS THROUGH ROOF OR WALLS TO EXTEND THROUGH REAR OF HOME WHENEVER POSSIBLE.
8. ALL PENETRATIONS THROUGH EXTERIOR WALLS OR ROOFING MUST BE SEALED AND FLASHED PER MANUF. SPECIFICATIONS AND IRC CODE REGULATIONS.
9. DOTTED AREA ON ROOF PLAN INDICATES LOCATION OF ICE/WATER BARRIER.
10. HOLD STONE OFF GRADE MINIMUM OF 3".
11. REFER TO MANUF. SPECIFICATIONS FOR STONE.
12. GARAGE BUCK BOARD MATERIAL IS TO BE COMPOSITE WOOD AND SIZED TO COVER THE EDGE OF STONE.
14. ALL BEAMS HOLDING UP PORCH ROOFS ARE TO BE DROPPED UNLESS OTHERWISE NOTED.

EXTERIOR MATERIAL KEY

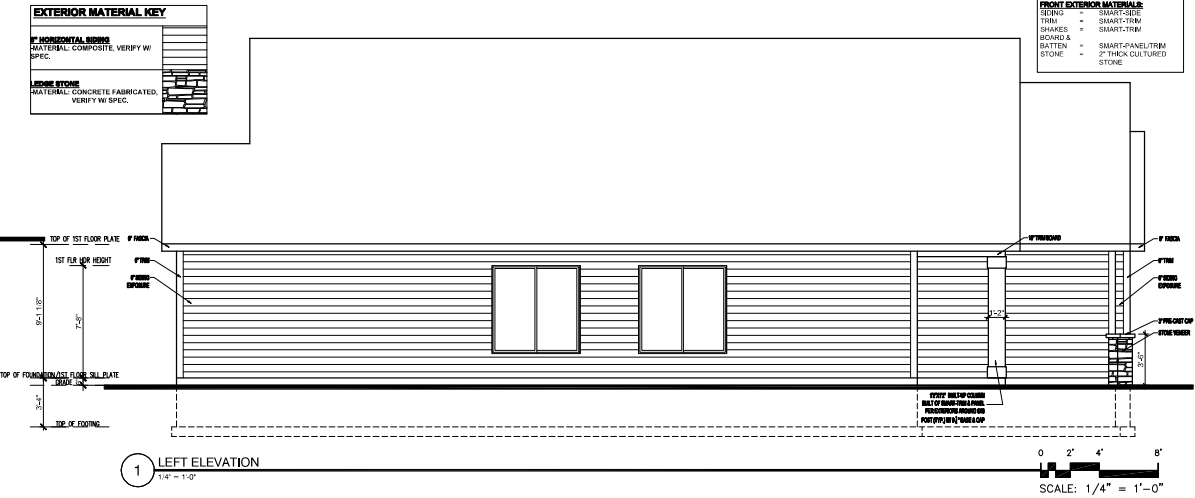
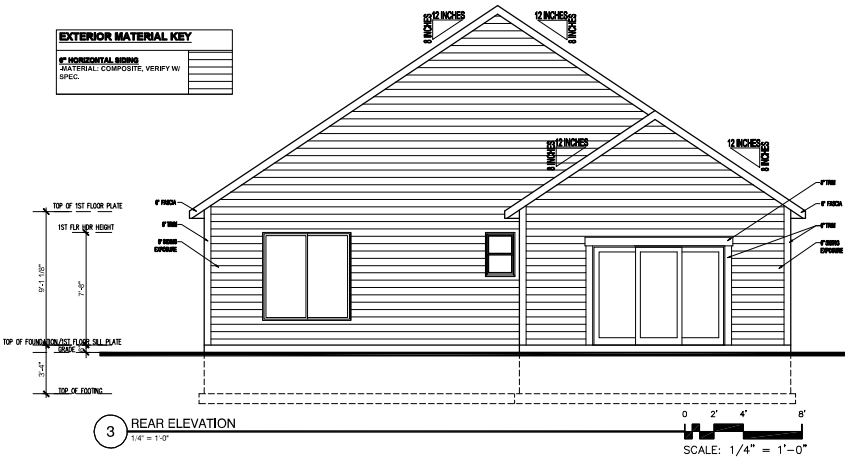
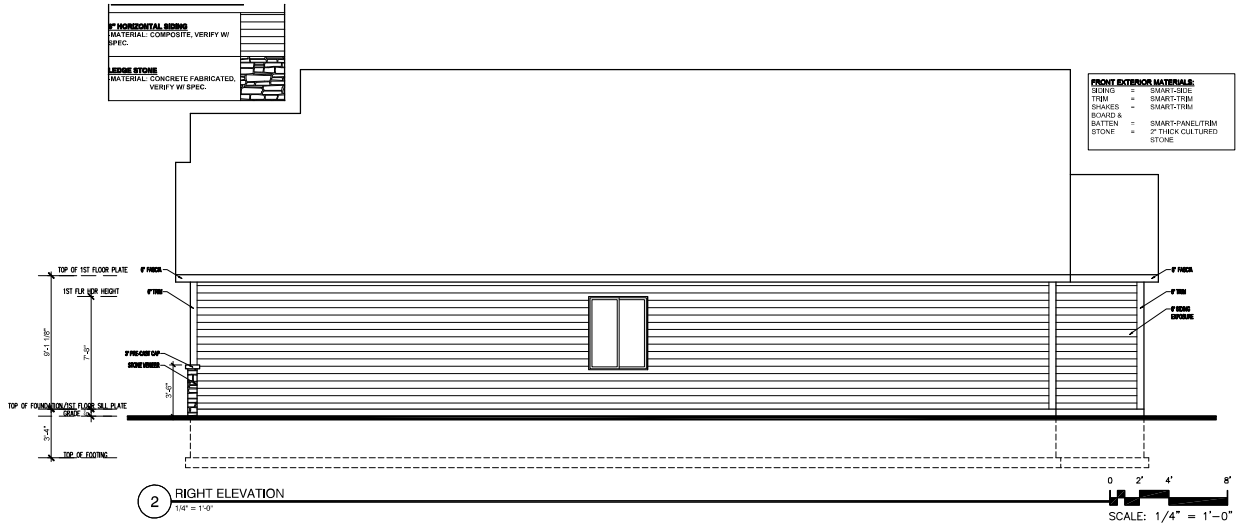
	SHINGLE SIDING MATERIAL: COMPOSITE, VERIFY W/ SPEC.
	HORIZONTAL SIDING MATERIAL: COMPOSITE, VERIFY W/ SPEC.
	LEDGER STONE MATERIAL: CONCRETE FABRICATED, VERIFY W/ SPEC.



REVISION:	REV. DATE:	DRAWING TITLE: THE JULIA HOME LOCATION: MORNING SUN PARADE MODEL	ALL PLANS & DESIGNS SHOWN ARE THE PROPERTY OF LITTFIN DESIGN. USE OF THESE PLANS ON ANY OTHER PROJECT/LOT OTHER THAN NOTED ON THIS TITLELOCK WITHOUT THE WRITTEN CONSENT OF LITTFIN DESIGN IS PROHIBITED. © COPYRIGHT 2020		LITTFINDESIGN.COM MLITTFIN@HOTMAIL.COM 320-224-7844 WINSTED, MN	CURRENT DATE: 11-11-20	PAGE A1 D	PAGE DESCRIPTION: FRONT & ROOF SCALED PRINT @ 24X36
------------------	-------------------	--	---	--	--	----------------------------------	-------------------------------	---

GENERAL EXTERIOR NOTES:

1. ALL EXT. TRIM TO BE FLASHED PER CODE.
2. SUPPLY DRIPCAPS ON ALL WINDOWS AND DOORS.
3. SUPPLY SEPARATION BETWEEN WOOD, COMPOSITE WOOD AND ANY OTHER WOOD MATERIAL PER SPECIFICATIONS.
4. SUPPLY AT LEAST 6" OF SPACE BETWEEN BOTTOMS OF WINDOWS AND ROOFS.
5. GRADE CONDITIONS MAY VARY ON SITE.
6. PROVIDE ROOF AND SOFFIT VENTS PER IRC CODE REGULATIONS.
7. ALL FURNACE FLUES, PLUMBING VENTS, FIREPLACE VENTS AND OTHER PENETRATIONS THROUGH ROOF OR WALLS TO EXTEND THROUGH REAR OF HOME WHENEVER POSSIBLE.
8. ALL PENETRATIONS THROUGH EXTERIOR WALLS OR ROOFING MUST BE SEALED AND FLASHED PER MANUF. SPECIFICATIONS AND IRC CODE REGULATIONS.
9. DOTTED AREA ON ROOF PLAN INDICATES LOCATION OF ICE/WATER BARRIER.
10. HOLD STONE OFF GRADE MINIMUM OF 3".
11. REFER TO MANUF. SPECIFICATIONS FOR STONE.
12. GARAGE BUCK BOARD MATERIAL IS TO BE COMPOSITE WOOD AND SIZED TO COVER THE EDGE OF STONE.
14. ALL BEAMS HOLDING UP PORCH ROOFS ARE TO BE DROPPED UNLESS OTHERWISE NOTED.



REVISION:	REV. DATE:	DRAWING TITLE: THE JULIA HOME LOCATION: MORNING SUN PARADE MODEL	ALL PLANS & DESIGNS SHOWN ARE THE PROPERTY OF LITFIN DESIGN. USE OF THESE PLANS ON ANY OTHER PROJECT/LOT OTHER THAN NOTED ON THIS TITLEBLOCK WITHOUT THE WRITTEN CONSENT OF LITFIN DESIGN IS PROHIBITED. © COPYRIGHT 2020		LITFINDESIGN.COM MLITFIN@HOTMAIL.COM 320-224-7844 WINSTED, MN	CURRENT DATE: 11-11-20	PAGE A2 D	PAGE DESCRIPTION: SIDE & REAR ELEVATIONS SCALED PRINT @ 24X36
------------------	-------------------	--	--	--	--	----------------------------------	-------------------------------	--

GENERAL FOUNDATION NOTES:

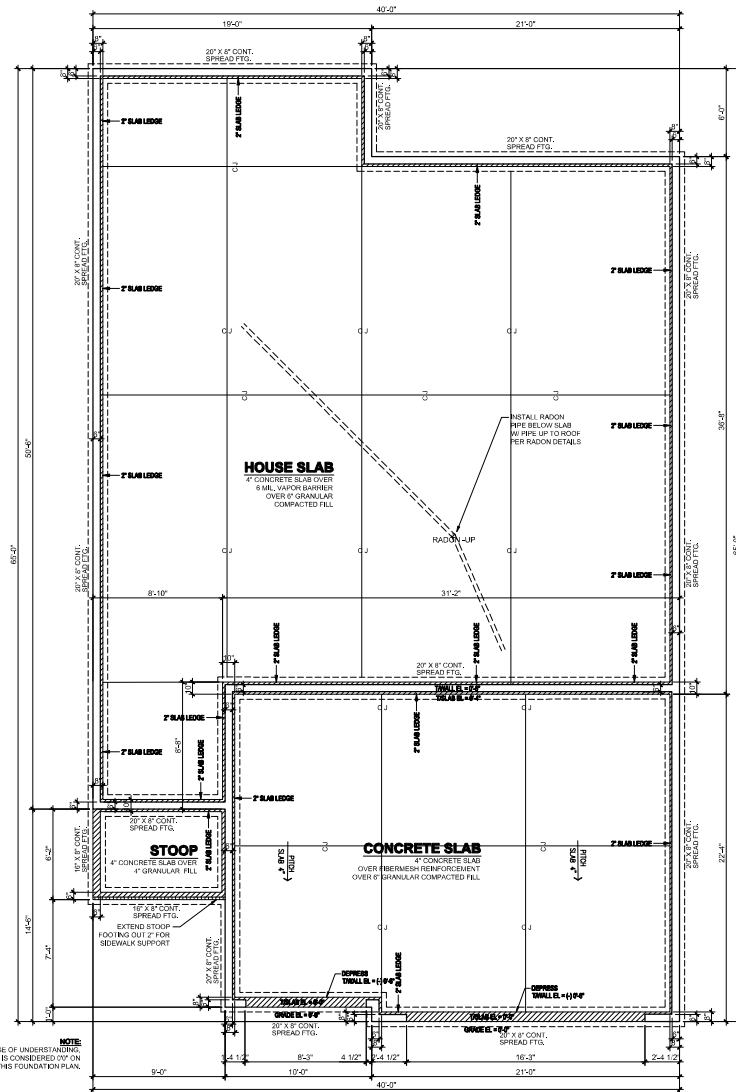
1. FOUNDATIONS TO BE POURED PER SITE SOIL CONDITION.
2. ALL REINFORCING IS TO BE INSTALLED PER IRC REGULATED STRUCTURAL DESIGN BY CONCRETE TRADES.
3. PROVIDE $\frac{3}{8}$ " ANCHOR BOLTS EMBEDDED 8" MIN., SPACED PER CODE AND 12" MAX FROM EACH END OF SILL PLATE, MIN 2 PER SILL.
4. PROVIDE CONTROL JOINTS PER PLAN, JOIST TO CONSIST OF HIDDEN ZIP STRIP EMBEDDED INTO THE SLABS.
5. ALL ANGLED WALLS ARE TO BE 45 DEGREES UNLESS NOTED OTHERWISE.
6. SLOPE CONCRETE TO FLOOR DRAINS WITHIN 5' OF DRAINS.
7. ALL WOOD MATERIAL CONTACTING DIRECTLY TO CONCRETE MUST BE TREATED OR DESIGNED TO CONTACT CONCRETE.
8. STEP FOOTINGS PER PLAN SPECIFICATIONS.
9. PROVIDE DRAINTILE AROUND PERIMETER AS SHOWN, LATERAL SOIL PRESSURE ASSUMED TO BE 30 PSF/FT.

-WINDOW & DOOR SIZE NOTES (EXAMPLES):

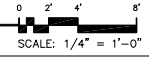
- SH3050 = SINGLE HUNG 3'0" BY 5'0"
- FX2646 = FIXED 2'6" BY 4'6"
- CASE3050 = CASEMENT 3'0" BY 5'0"
- 2868 @ DOOR = 2'8" WIDE BY 6'8" TALL
- 2880 @ DOOR = 2'8" WIDE BY 8'0" TALL

STRUCTURAL NOTES:

1. ALL HEADERS TO BE SUPPORTED BY A MINIMUM OF (1) TRIMMER. (UNLESS NOTED OTHERWISE)
2. ALL HEADERS TO HAVE AT LEAST (1) KING STUD (UNLESS NOTED).
3. ALL STUD CALLOUTS @ SIDES OF WINDOWS/DOORS ARE TRIMMERS. MINIMUM (1) KING STUDS @ SAID LOCATIONS TO BE INCLUDED AS WELL.
4. BLOCKING @ ROOF & FLOOR PLAN PER TRUSS MANUFACTURER.
5. POINT LOADS TO BE CARRIED THROUGH FLOOR AREAS AND DOWN TO FOUNDATION FOR SUPPORT.
6. ALL HANGERS & CONNECTORS PER TRUSS MANUFACTURER, SUPPLIERS & CONTRACTOR.
7. ALL EXTERIOR SHEATHING TO BE 7/16" OSB OR PLYWOOD SHEATHING & NAILED PER CODE (MAY BE REFERRED TO AS 1/2" NOMINAL THICKNESS).
8. ROOF DECKING TO BE $\frac{1}{2}$ " NOMINAL (OR $\frac{3}{8}$ ") OSB DECKING W/ CLIPS, NAILED TO ROOF FRAMING W/ MIN. 8d COMMON NAILS, 6" O.C. @ EDGES/12" O.C. @ FIELD.
9. FLOOR DECKING TO BE $\frac{3}{4}$ " PLYWOOD DECKING, NAILED OR SCREWED TO FLOOR SYSTEM PER CODE W/ ADHESIVE PER SPEC. (OR) MIN. 6d COMMON NAILS 6" O.C. @ EDGES/12" O.C. @ FIELD (CODE MINIMUM).
10. REFER TO WALL BRACING PLANS FOR ADDITIONAL FRAMING INFORMATION.



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



<p>REVISION:</p>	<p>REV. DATE:</p>	<p>DRAWING TITLE: THE JULIA HOME LOCATION: MORNING SUN PARADE MODEL</p>	<p>ALL PLANS & DESIGNS SHOWN ARE THE PROPERTY OF LITTFIN DESIGN. USE OF THESE PLANS ON ANY OTHER PROJECT/LOT OTHER THAN NOTED ON THIS TITLEBLOCK WITHOUT THE WRITTEN CONSENT OF LITTFIN DESIGN IS PROHIBITED. © COPYRIGHT 2020</p>		<p>LITTFINDESIGN.COM MLITTFIN@HOTMAIL.COM 320-224-7844 WINSTED, MN</p>	<p>CURRENT DATE: 11-11-20</p>	<p>PAGE A3 D</p>	<p>PAGE DESCRIPTION: FOUNDATION SCALED PRINT @ 24X36</p>
------------------	-------------------	---	--	---	--	-----------------------------------	---------------------------------	--

GENERAL FOUNDATION NOTES:

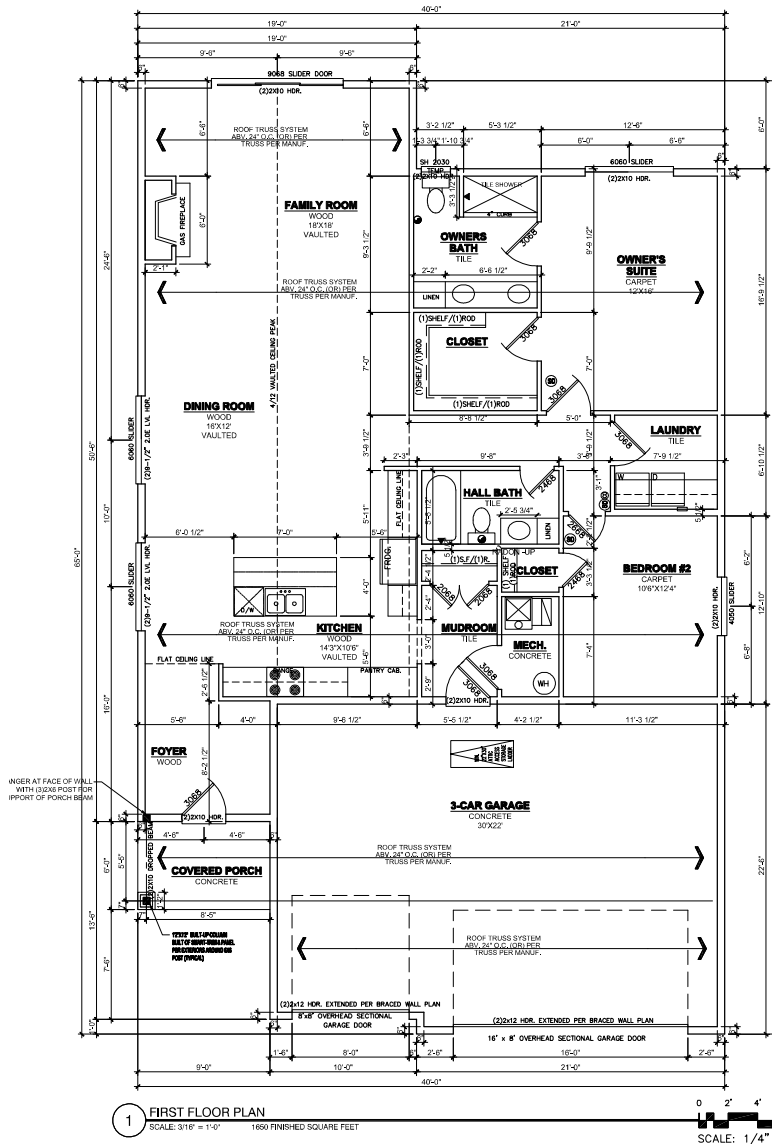
1. FOUNDATIONS TO BE POURED PER SITE SOIL CONDITION.
2. ALL REINFORCING IS TO BE INSTALLED PER IRC REGULATED STRUCTURAL DESIGN BY CONCRETE TRADES.
3. PROVIDE 1/2" ANCHOR BOLTS EMBEDDED 8" MIN., SPACED PER CODE AND 12" MAX FROM EACH END OF SILLPLATE, MIN 2 PER SILL.
4. PROVIDE CONTROL JOINTS PER PLAN, JOIST TO CONSIST OF HIDDEN ZIP STRIP EMBEDDED INTO THE SLABS.
5. ALL ANGLED WALLS ARE TO BE 45 DEGREES UNLESS NOTED OTHERWISE.
6. SLOPE CONCRETE TO FLOOR DRAINS WITHIN 5' OF DRAINS.
7. ALL WOOD MATERIAL CONTACTING DIRECTLY TO CONCRETE MUST BE TREATED OR DESIGNED TO CONTACT CONCRETE.
8. STEP FOOTINGS PER PLAN SPECIFICATIONS.
9. PROVIDE DRAINTILE AROUND PERIMETER AS SHOWN. LATERAL SOIL PRESSURE ASSUMED TO BE 30 PSF/FT.

-WINDOW & DOOR SIZE NOTES (EXAMPLES):

- SH3050 = SINGLE HUNG 30" BY 50"
- FX2646 = FIXED 26" BY 46"
- CASE3050 = CASEMENT 30" BY 50" TALL
- 2868 @ DOOR = 2'8" WIDE BY 6'8" TALL
- 2880 @ DOOR = 2'8" WIDE BY 8'0" TALL

STRUCTURAL NOTES:

1. ALL HEADERS TO BE SUPPORTED BY A MINIMUM OF (1) TRIMMER, (UNLESS NOTED OTHERWISE)
2. ALL HEADERS TO HAVE AT LEAST (1) KING STUD (UNLESS NOTED)
3. ALL STUD CALLOUTS @ SIDES OF WINDOWS/DOORS ARE TRIMMERS, MINIMUM (1) KING STUDS @ SAID LOCATIONS TO BE INCLUDED AS WELL.
4. BLOCKING @ ROOF & FLOOR PLAN PER TRUSS MANUFACTURER.
5. POINT LOADS TO BE CARRIED THROUGH FLOOR AREAS AND DOWN TO FOUNDATION FOR SUPPORT.
6. ALL HANGERS & CONNECTORS PER TRUSS MANUFACTURER, SUPPLIERS & CONTRACTOR.
7. ALL EXTERIOR SHEATHING TO BE 7/16" OSB OR PLYWOOD SHEATHING & NAILED PER CODE (MAY BE REFERRED TO AS 1/2" NOMINAL THICKNESS).
8. ROOF DECKING TO BE 3/4" NOMINAL (OR 15/32") OSB DECKING W/ CLIPS, NAILED TO ROOF FRAMING W/ MIN. 8d COMMON NAILS, 6" O.C. @ EDGES/12" O.C. @ FIELD.
9. FLOOR DECKING TO BE 3/4" PLYWOOD DECKING, NAILED OR SCREWED TO FLOOR SYSTEM PER CODE W/ ADHESIVE PER SPEC. (OR) MIN. 6d COMMON NAILS 6" O.C. @ EDGES/ 12" O.C. @ FIELD (CODE MINIMUM).
10. REFER TO WALL BRACING PLANS FOR ADDITIONAL FRAMING INFORMATION.



NOTE:
INSTALL SHIRT SLOPPING WITHIN FLOOR SYSTEM PER IRC CODE SECTION 902.12. MIN. 4" OYSPUM BOARD OR 2" STRUCTURAL BOARD ADEQUATELY SUPPORTED BY 2x4 MIN. MATERIAL PARALLEL WITH FLOOR FRAMING, SEPARATING AREAS WITH MAXIMUM SPACE OF 1000 SQ. FT. -SEPARATE INTO EQUAL SPACES.

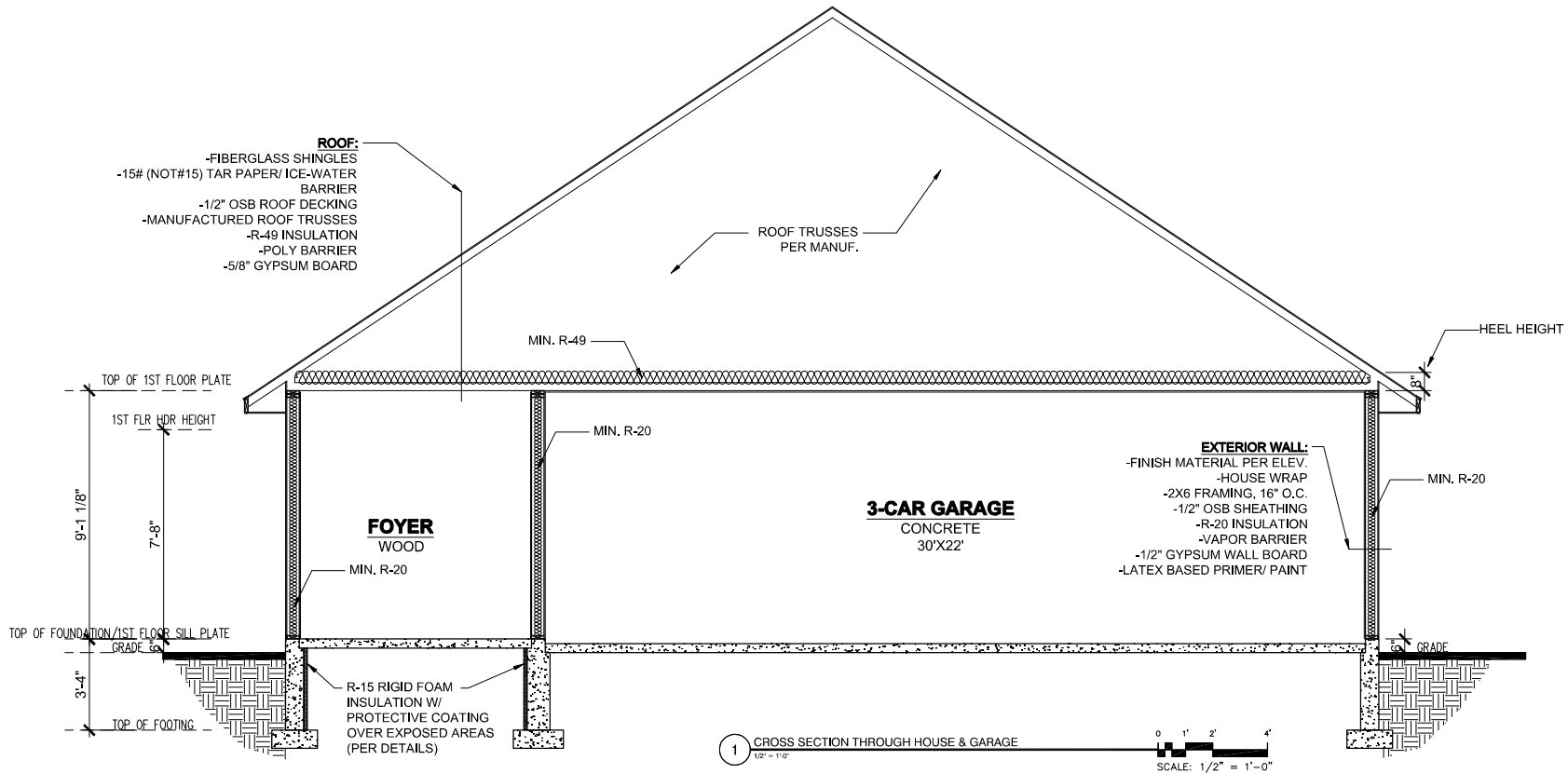
NOTE:
SUPPLY CONTINUOUS HANDRAIL PER CODE AT ALL STAIR LOCATIONS. CODE HANDRAIL IS TO CONTINUE TO LANDINGS; TOP & BOTTOM OF STAIRS. CONTRACTOR & INSTALLER TO VERIFY IF ADDITIONAL GRIPABLE HANDRAIL IS REQUIRED OR IF DECORATIVE HANDRAIL TO CONTINUE.

NOTE:
ALL STAIRWAYS (INTERIOR AND EXTERIOR) ARE TO BE ILLUMINATED AT EACH LANDING PER CODE.

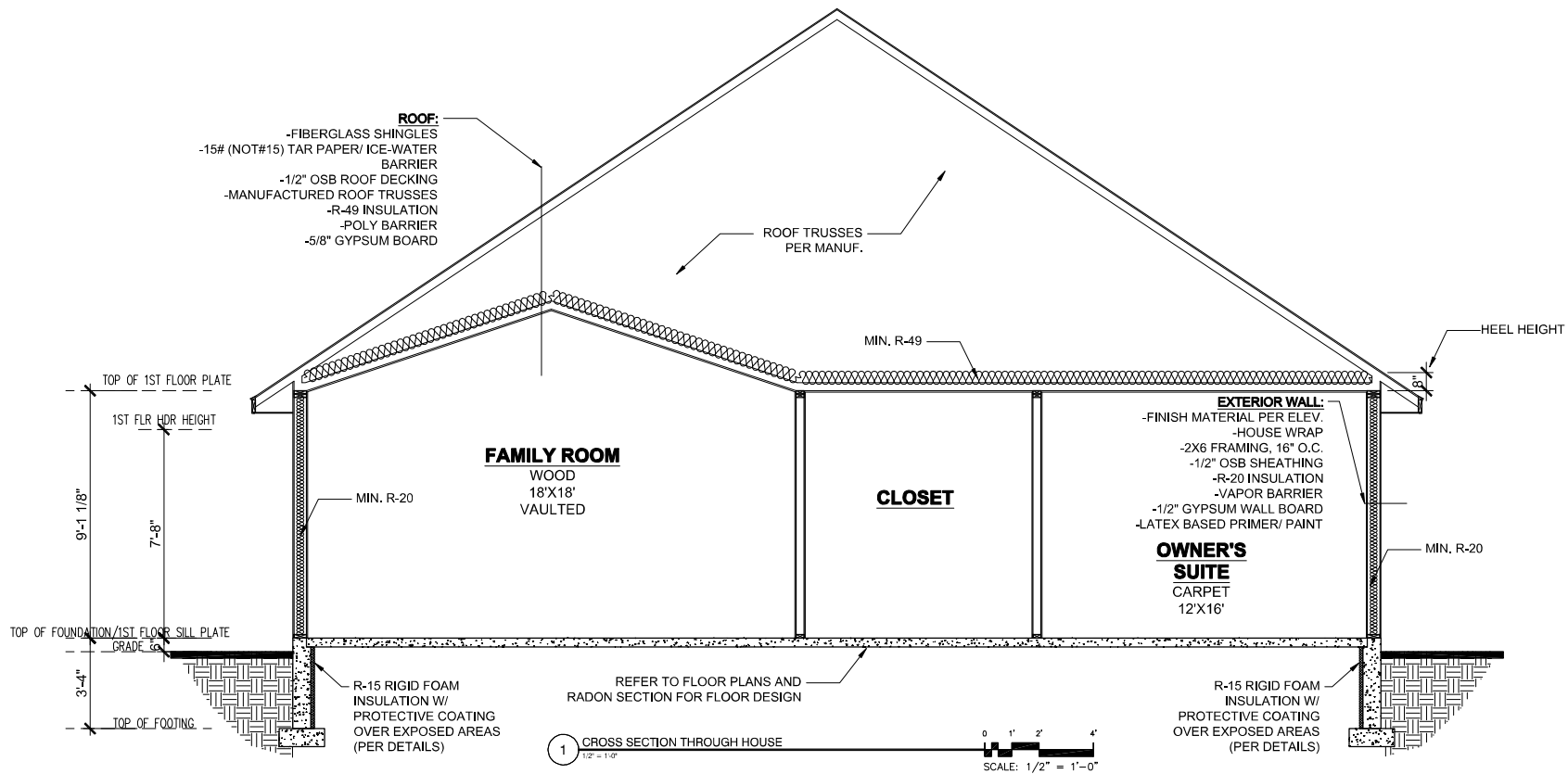
- Ⓢ 10% INTERCONNECTED SMOKE DETECTOR
- Ⓢ 10% INTERCONNECTED SMOKE CARBON MONOXIDE DETECTOR COMBO
- EXHAUST FAN

1 FIRST FLOOR PLAN
SCALE: 3/16" = 1'-0" 1650 FINISHED SQUARE FEET
SCALE: 1/4" = 1'-0"

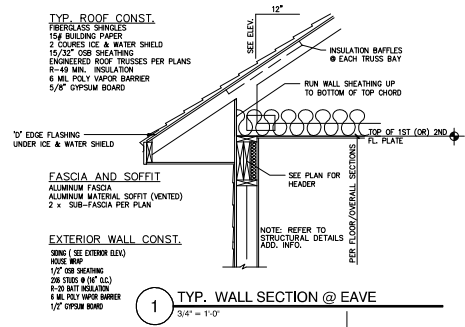
REVISION:	REV. DATE:	DRAWING TITLE: THE JULIA HOME LOCATION: MORNING SUN PARADE MODEL	ALL PLANS & DESIGNS SHOWN ARE THE PROPERTY OF LITTFIN DESIGN. USE OF THESE PLANS ON ANY OTHER PROJECT OR OTHER THAN NOTED ON THIS TITLELOCK WITHOUT THE WRITTEN CONSENT OF LITTFIN DESIGN IS PROHIBITED. © COPYRIGHT 2020		LITTFINDESIGN.COM MLITTFIN@HOTMAIL.COM 320-224-7844 WINSTED, MN	CURRENT DATE: 11-11-20	PAGE A4	PAGE DESCRIPTION: FIRST FLOOR PLAN SCALED PRINT @ 24X36
-----------	------------	---	--	--	--	---------------------------	-------------------	---



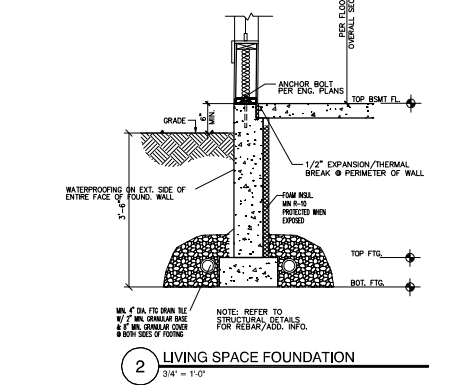
REVISION:	REV. DATE:	DRAWING TITLE:	ALL PLANS & DESIGNS SHOWN ARE THE PROPERTY OF LITTFIN DESIGN. USE OF THESE PLANS ON ANY OTHER PROJECT/LOT OTHER THAN NOTED ON THIS TITLEBLOCK WITHOUT THE WRITTEN CONSENT OF LITTFIN DESIGN IS PROHIBITED.	LITTFIN DESIGN	LITTFINDESIGN.COM MLITTFIN@HOTMAIL.COM 320-224-7844 WINSTED, MN	CURRENT DATE: 11-11-20	PAGE D1	PAGE DESCRIPTION: BUILDING SECTIONS SCALED PRINT @ 24X36
		THE JULIA HOME LOCATION: MORNING SUN PARADE MODEL	© COPYRIGHT 2020					



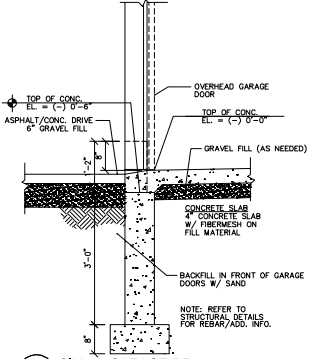
REVISION:	REV. DATE:	DRAWING TITLE:	ALL PLANS & DESIGNS SHOWN ARE THE PROPERTY OF LITTFIN DESIGN. USE OF THESE PLANS ON ANY OTHER PROJECT/LOT OTHER THAN NOTED ON THIS TITLEBLOCK WITHOUT THE WRITTEN CONSENT OF LITTFIN DESIGN IS PROHIBITED.	LITTFIN DESIGN	LITTFINDESIGN.COM MLITTFIN@HOTMAIL.COM 320-224-7844 WINSTED, MN	CURRENT DATE:	PAGE	PAGE DESCRIPTION:
		THE JULIA HOME LOCATION: MORNING SUN PARADE MODEL	© COPYRIGHT 2020			11-11-20	D2	BUILDING SECTIONS
								SCALED PRINT @ 24X36



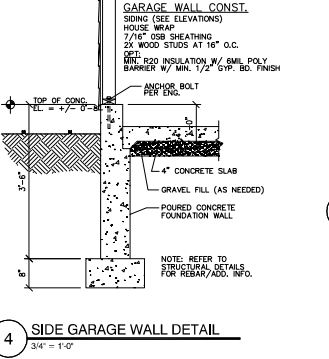
1 TYP. WALL SECTION @ EAVE
3/4" = 1'-0"



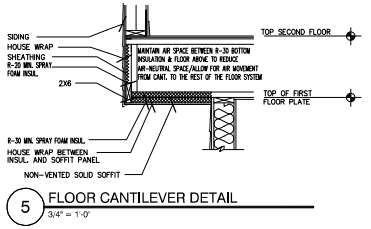
2 LIVING SPACE FOUNDATION
3/4" = 1'-0"



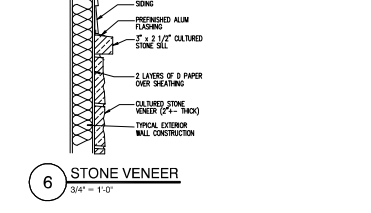
3 SILL @ GARAGE DR.
3/4" = 1'-0"



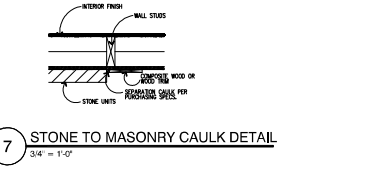
4 SIDE GARAGE WALL DETAIL
3/4" = 1'-0"



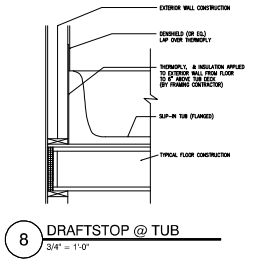
5 FLOOR CANTILEVER DETAIL
3/4" = 1'-0"



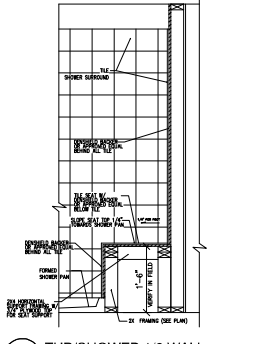
6 STONE VENEER
3/4" = 1'-0"



7 STONE TO MASONRY CAULK DETAIL
3/4" = 1'-0"

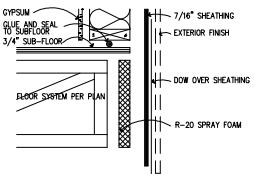


8 DRAFTSTOP @ TUB
3/4" = 1'-0"

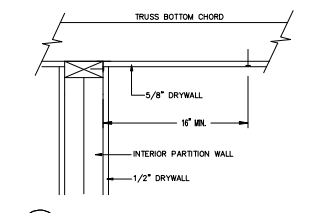


10 TUB/SHOWER 1/2 WALL
3/4" = 1'-0"

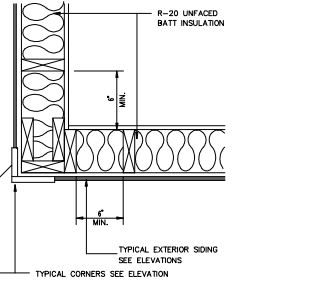
-GLUE AND SEAL THE SHEATHING AND PLATES @ EXTERIOR JOINTS. THEY MEET IN EXTERIOR WALL.
-TAPE AND SEAL THE INTERIOR VAPOR BARRIER.
-HOUSE WRAP @ CORNERS AND CANTILEVER SEAMS AND EXTERIOR OPENINGS.
-EXTERIOR WALL CORNERS AND CANTILEVER SEAMS AND EXTERIOR OPENINGS MUST BE SEALED WITH FOAM.
-JUST WORK TO BE TOOK (SPLICES AND RETURNS).
-MECHANICAL VENTILATION SYSTEM.
-BRICK CHIMNEY FLASHING AND VENTED WATER HEATER.
-STRIP OFF TRIM OVER THE JOINT.
-ALL JOINTS MUST BE SEALED.
-CHECKING FLASHING, SEALING, AND SETTING.
-GLUE AND SEAL ALL INTERIOR AND EXTERIOR VERTICAL JOINTS WHERE WALL PANELS MEET OR WALL PANELS MEET THE FLOOR WALL.



12 ENERGY CODE RIM DETAIL
1-1/2" = 1'-0"



9 ROOF TRUSS CONNECTION DETAIL
NONE



11 OUTSIDE CORNER DETAIL
NONE

REVISION:	REV. DATE:	DRAWING TITLE:
		THE JULIA HOME
		MORNING SUN PARADE MODEL

ALL PLANS & DESIGNS SHOWN ARE THE PROPERTY OF LITTFIN DESIGN. USE OF THESE PLANS ON ANY OTHER PROJECT/LOT OTHER THAN NOTED ON THIS TITLEBLOCK WITHOUT THE WRITTEN CONSENT OF LITTFIN DESIGN IS PROHIBITED.
© COPYRIGHT 2020

LITTFIN DESIGN

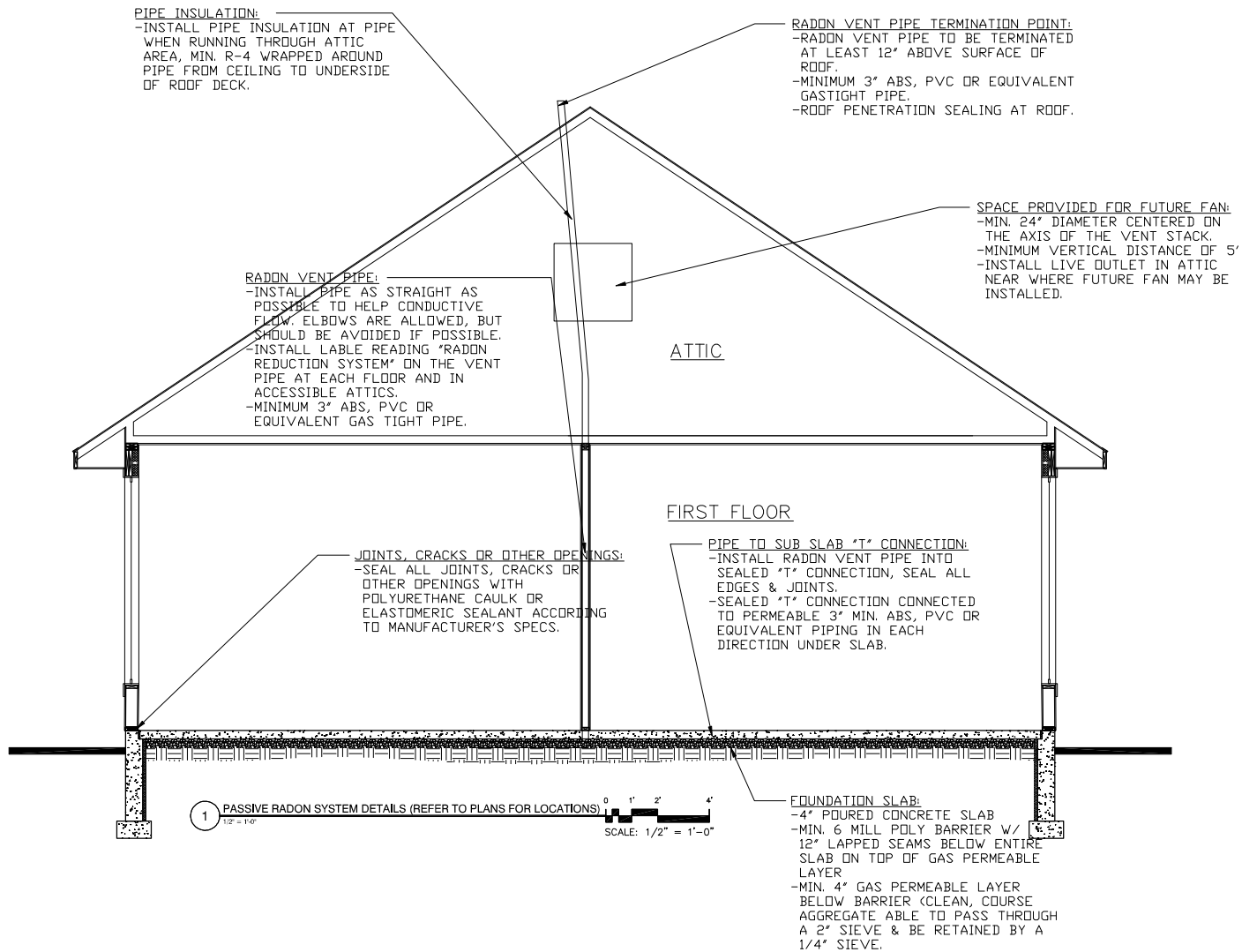


LITTFINDESIGN.COM
MLITTFIN@HOTMAIL.COM
320-224-7844
WINSTED, MN

CURRENT DATE:
11-11-20

PAGE
D3
D

PAGE DESCRIPTION:
DETAILS
SCALED PRINT @ 24X36



REVISION:	REV. DATE:

DRAWING TITLE:
THE JULIA HOME
LOCATION: MORNING SUN PARADE MODEL

ALL PLANS & DESIGNS SHOWN ARE THE PROPERTY OF LITTFIN DESIGN. USE OF THESE PLANS ON ANY OTHER PROJECT/LOT OTHER THAN NOTED ON THIS TITLEBLOCK WITHOUT THE WRITTEN CONSENT OF LITTFIN DESIGN IS PROHIBITED.
 © COPYRIGHT 2020

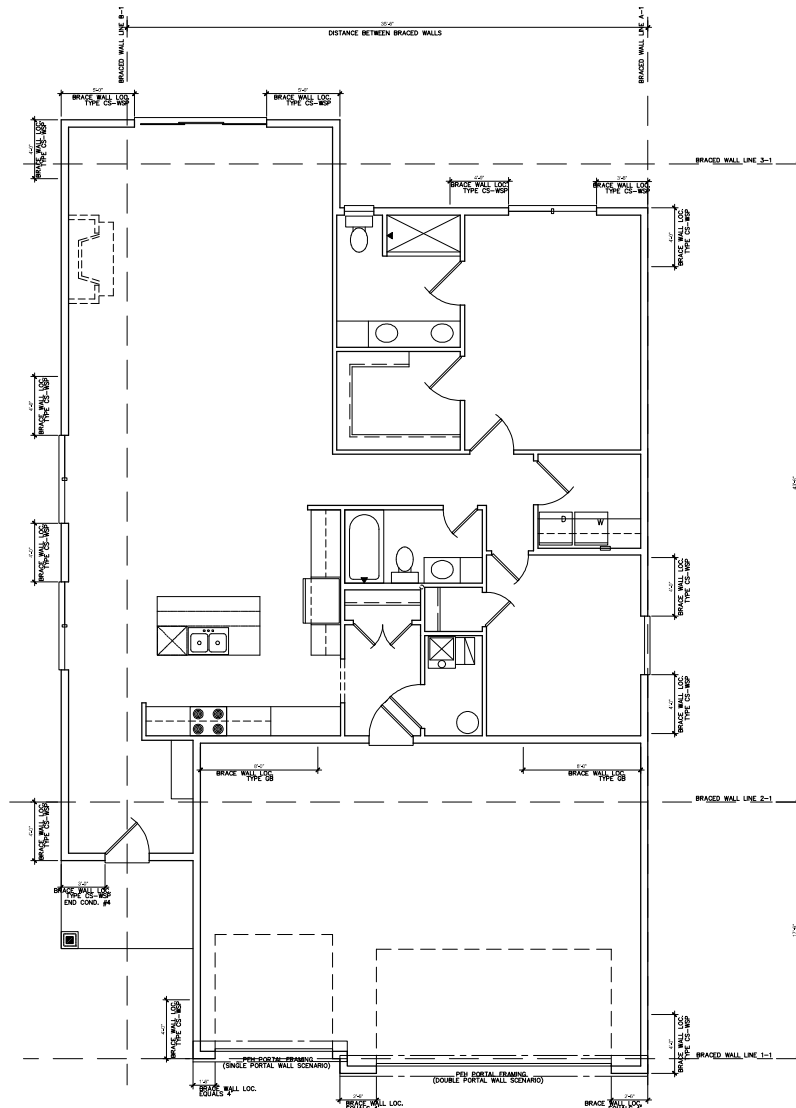


LITTFINDESIGN.COM
 MLITTFIN@HOTMAIL.COM
 320-224-7844
 WINSTED, MN

CURRENT DATE:
 11-11-20

PAGE
R1
 D

PAGE DESCRIPTION:
RADON DETAILS
 SCALED PRINT @ 24X36



1 FIRST FLOOR BRACED WALL PLAN
SCALE 3/16" = 1'-0"
1650 FINISHED SQUARE FEET

- BRACED WALL NOTES:**
1. ALL WALLS DESIGNED PER METHOD CS-WSP OF THE 2020 IRC CODE.
 2. ALL EXTERIOR WALLS ARE TO BE CONTINUOUSLY SHEATHED WITH A MINIMUM 5/8" THICK WOOD PANEL.
 3. CONNECTION OF WOOD PANEL TO STUDS SHALL BE MIN. 6 COMMON NAILS, 6" O.C. AT EDGES & 12" O.C. AT FIELD OF WOOD PANEL.
 4. STRUCTURAL PANELS (BRACED WALLS) SHALL BE LOCATED AT EACH END & AT LEAST EVERY 20' BETWEEN PANELS.
 5. EXTERIOR BRACED WALL LINES SHALL HAVE A BRACED WALL PANEL AT EACH END OF THE BRACED WALL LINE, EXCEPT FOR:
 - BRACED WALL PANELS ARE PERMITTED TO BEGIN NO MORE THAN 10' FROM EACH END OF THE BRACED WALL LINE PROVIDED THAT A 24" PANEL MATCHING TABLE R602.10.7 IS APPLIED.
 - THE END OF EACH BRACED WALL PANEL CLOSEST TO THE CORNER SHALL HAVE A TIE-DOWN DEVICE FASTENED TO THE STUD AT THE EDGE OF THE BRACED WALL PANEL CLOSEST TO THE CORNER AND TO THE FOUNDATION OR FRAMING BELOW. THE TIE-DOWN DEVICE SHALL BE CAPABLE OF PROVIDING AN UPLIFT ALLOWABLE DESIGN VALUE OF AT LEAST 1800 LBS.
 6. INTERIOR BRACED WALL LINES SHALL BE DESIGNED BUILT PER INTERMITTENT METHOD "CS".
 - MINIMUM 1/2" GYPSUM BOARD APPLIED TO EACH SIDE OF 2X4 (OR) 2X6 STUD WALL @ 16" O.C. SPACING OF STUDS W/ DOUBLE TOP PLATE AND SINGLE BTM.
 - ATTACH GYPSUM TO STUDS W/ 1/4" SCREWS (TYPE W OR S), 7" O.C. AT EDGE & 7" O.C. AT FIELD.
 - ALL GYPSUM BOARD JOINTS TO BE SOLID BLOCKED W/ 2X MATERIAL.
 7. (PERPENDICULAR WALL/FLOOR) ALL FLOOR SYSTEMS BETWEEN BRACED WALL PANELS TO HAVE A MIN. 2X4 TOP & BOTTOM BLOCKING BOARD PARALLEL TO BRACED WALL PANELS W/ MIN. (3) 16D NAILS ATTACHING BOTTOM/TOP OF BRACED PANEL PLATE TO FLOOR SYSTEM AT BRACED PANEL WIDTH ONLY. 2X4 BLOCKING TO BE SET BETWEEN FLOOR SYSTEM MEMBERS. SOLID RIM MAY BE USED (FIG. 5 & 6).
 8. (PERPENDICULAR WALL/ROOF) APPLY 2X SOLID BLOCKING BETWEEN ROOF SYSTEM MEMBERS OVER BRACED WALL PANELS W/ 8 NAILS AT 16" O.C. ALONG LENGTH OF BRACED WALL PANELS WHEN HELL IS 15.25' OR LESS (FIGURE 3, REFER TO FIG. #4 WHEN OVER 15.25').
 9. NOTE NOTES 7 & 8 ABOVE APPLY TO PERPENDICULAR FRAMING WHEN PARALLEL FLOORS/ROOF SYSTEMS ARE PRESENT. THE FLOOR/ROOF SYSTEMS TO HAVE BLOCKING MATERIAL ALLOWING FOR NAILING OF BRACED WALL PANEL INTO SYSTEM ABOVE/BELOW S&D WALL (FIGURE 6).
- BRACED WALL PANEL UPLIFT LOAD PATH:**
1. BRACED WALL PANELS LOCATED AT EXTERIOR WALLS THAT SUPPORT ROOF RAFTERS OR TRUSSES (INCLUDING STORES BELOW TOP STORY) SHALL HAVE THE FRAMING MEMBERS CONNECTED IN ACCORDANCE WITH:
 - WHERE THE NET UPLIFT VALUE AT THE TOP OF A WALL EXCEEDS 100 PLF, INSTALLING APPROVED UPLIFT FRAMING CONNECTORS TO PROVIDE A CONTINUOUS LOAD PATH FROM THE TOP OF THE WALL TO THE FOUNDATION OR TO A POINT WHERE THE UPLIFT FORCE IS 100 PLF OR LESS. THE NET UPLIFT VALUE SHALL BE AS DETERMINED BY ONE OF THE FOLLOWING:
 - 1.1 THE BASIC WIND SPEED DOES NOT EXCEED 115 MPH, THE WIND EXPOSURE CATEGORY IS B, THE ROOF PITCH IS 5:12 OR GREATER, AND THE ROOF SPAN IS 32' OR LESS (OR)
 - 1.2 THE NET UPLIFT VALUE AT THE TOP OF A WALL DOES NOT EXCEED 100 PLF. THE NET UPLIFT VALUE SHALL BE DETERMINED IN ACCORDANCE WITH SECTION R602.11 AND SHALL BE PERMITTED TO BE REDUCED BY 60 PLF FOR EACH FULL WALL ABOVE.
 - 2. WHERE THE UPLIFT FORCE DOES NOT EXCEED 200 POUNDS, RAFTERS AND TRUSSES SPACED NOT MORE THAN 24 INCHES ON CENTER SHALL BE PERMITTED TO BE ATTACHED TO THEIR SUPPORTING WALL ASSEMBLIES IN ACCORDANCE WITH TABLE R602.3(1).
- RAFTER OR ROOF TRUSS TO PLATE TOE NAIL**
- MINIMUM (1) 666 BOX NAIL OR (3) 106 COMMON NAILS, (2) TOE NAILS ON ONE END AND (1) TOE NAIL ON OPPOSITE SIDE OF EACH RAFTER OR TRUSS. (MANUF. METAL CONNECTOR MAY BE SUBSTITUTED. VERIFY W/ MANUF. DETAILS).
- WALL PANEL TO STUDS**
- CONNECTION OF WOOD PANEL TO STUDS SHALL BE MIN. 66 COMMON NAILS, 6" O.C. AT EDGES & 12" O.C. AT FIELD OF WOOD PANEL.

REVISION:	REV. DATE:	DRAWING TITLE:	ALL PLANS & DESIGNS SHOWN ARE THE PROPERTY OF LITTFIN DESIGN. USE OF THESE PLANS ON ANY OTHER PROJECT/LOT OTHER THAN NOTED ON THIS TITLEBLOCK WITHOUT THE WRITTEN CONSENT OF LITTFIN DESIGN IS PROHIBITED.	LITTFIN DESIGN	LITTFINDESIGN.COM MLITTFIN@HOTMAIL.COM 320-224-7844 WINSTED, MN	CURRENT DATE: 11-11-20	PAGE 1 PAGE DESCRIPTION: STRUCTURAL
		THE JULIA HOME LOCATION: MORNING SUN PARADE MODEL	© COPYRIGHT 2020				SCALED PRINT @ 24X36

TABLE R602.10.6.4
TENSION STRAP CAPACITY FOR RESISTING WINDOW PRESSURES
PERPENDICULAR TO METHOD PFH, PFG AND CS-PF BRACE WALL PANELS

WIND SPEED (mph)	WIND EXPOSURE	TOTAL WALL HEIGHT (feet)	TENSION STRAP CAPACITY REQUIRED (pounds) ^{a,b}					
			Basic Wind Speed (mph)					
			85	90	100	105	110	115
			Exposure B			Exposure C		
0	10	18	1000	1000	1000	1000	1000	1000
1	10	9	1000	1000	1000	1000	1000	1000
		16	1000	1000	1750	1800	2325	2500
		18	1000	1000	2000	2175	2725	28
2	10	9	1000	1000	1025	1075	1050	2500
		16	1525	2025	3125	3000	3900	28
		18	1875	2400	3575	3700	48	28
2	12	9	1000	1000	1075	1125	1100	4000
		16	2500	3000	38	38	38	38
		18	3175	3600	38	38	38	38
4	12	9	1775	2200	2000	2050	28	28
		16	4725	38	38	38	38	38
		9	1000	1000	1325	1375	1750	2500
2	12	16	1650	2000	2925	3000	3500	28
		18	2025	2400	3425	3500	4100	28
		9	1125	1300	2025	2175	2725	3800
4	12	16	2625	3150	38	38	38	38
		18	3125	3675	38	38	38	38

^a 25.4 mm, 1 foot = 304.8 mm, 1 pound = 4.45N.
^b ϕ = 0.9.
Installed in accordance with manufacturer's recommendations.

TABLE R602.10.5
MINIMUM LENGTH OF BRACED WALL PANELS

METHOD (SEE TABLE R602.10.4)	WIND WALL HEIGHT				CONTRIBUTING LENGTH (inches)
	8 Feet (9 Feet)	10 Feet (11 Feet)	12 Feet (13 Feet)	15 Feet (16 Feet)	
S-VSP, CS-SFS	ADJUSTED STRAP SPACING HEIGHT (inches)	64	87	103	126
	68	91	107	130	
	72	95	111	134	
	76	99	115	138	
	80	103	119	142	
	84	107	123	146	
	88	111	127	150	
	92	115	131	154	
	96	119	135	158	
	100	123	139	162	
	104	127	143	166	
	108	131	147	170	
112	135	151	174		
116	139	155	178		
120	143	159	182		
124	147	163	186		
128	151	167	190		
132	155	171	194		
136	159	175	198		
140	163	179	202		
144	167	183	206		

1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 nile per hour = 0.447 m/s.
^a Permitted.
^b An interpolation shall be permitted.
The actual length when it is greater than or equal to the minimum length, the member length for the 10 feet in accordance with Figure R602.10.5.2, but wall height increased to 10 feet with pony wall.
The actual length when it is greater than or equal to the minimum length, the member length for the 10 feet in accordance with Figure R602.10.5.2, but wall height increased to 10 feet with pony wall.
The actual length when it is greater than or equal to the minimum length, the member length for the 10 feet in accordance with Figure R602.10.5.2, but wall height increased to 10 feet with pony wall.

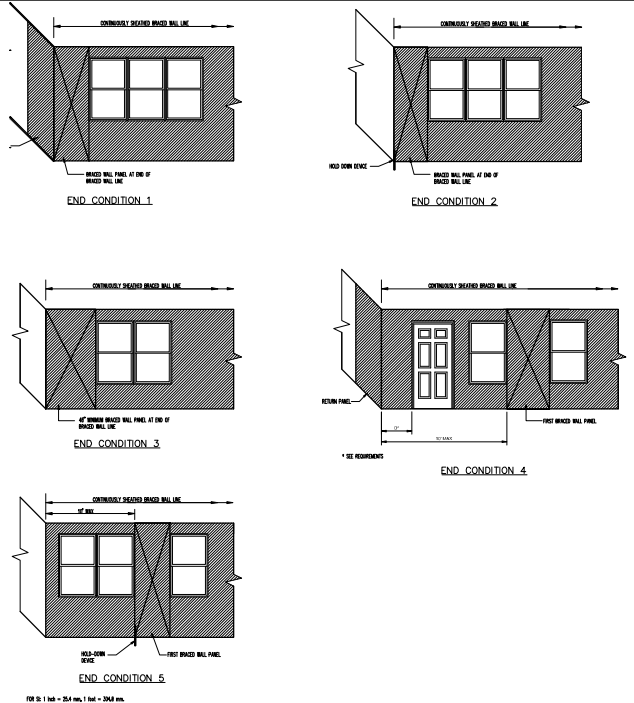


FIGURE 7
END CONDITIONS FOR BRACED WALL LINES WITH CONTINUOUS SHEATHING

REQUIREMENTS
RETURN PANEL: 24" FOR BRACED WALL LINES SHEATHED WITH WOOD STRUCTURAL PANELS
32" FOR BRACED WALL LINES SHEATHED WITH STRUCTURAL FIBERBOARD
DISTANCE D: 24" FOR BRACED WALL LINES SHEATHED WITH WOOD STRUCTURAL PANELS
32" FOR BRACED WALL LINES SHEATHED WITH STRUCTURAL FIBERBOARD
HOLD-DOWN DEVICE: 800 LBS CAPACITY FASTENED TO THE EDGE OF THE BRACED WALL PANEL
CLOSEST TO THE CORNER AND TO THE FOUNDATION OR FLOOR FRAMING BELOW

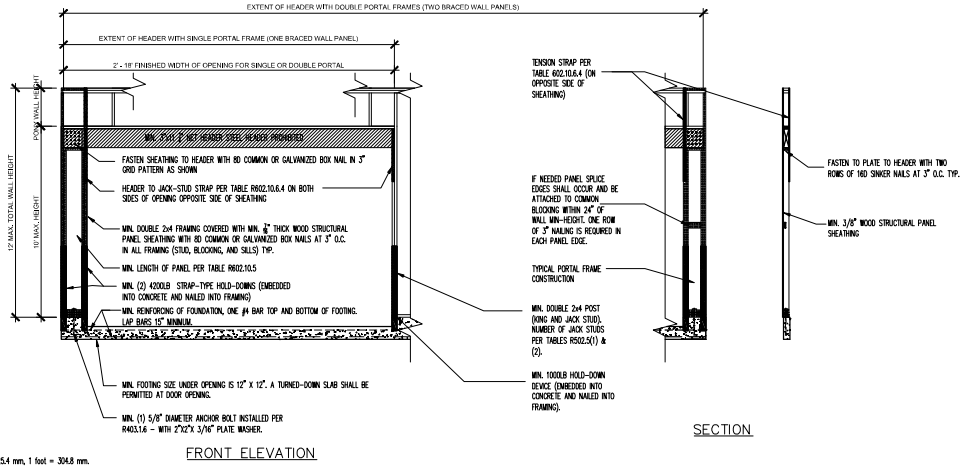


FIGURE 2
METHOD PFH-PORTAL FRAME PANEL WITH HOLD-DOWNS

