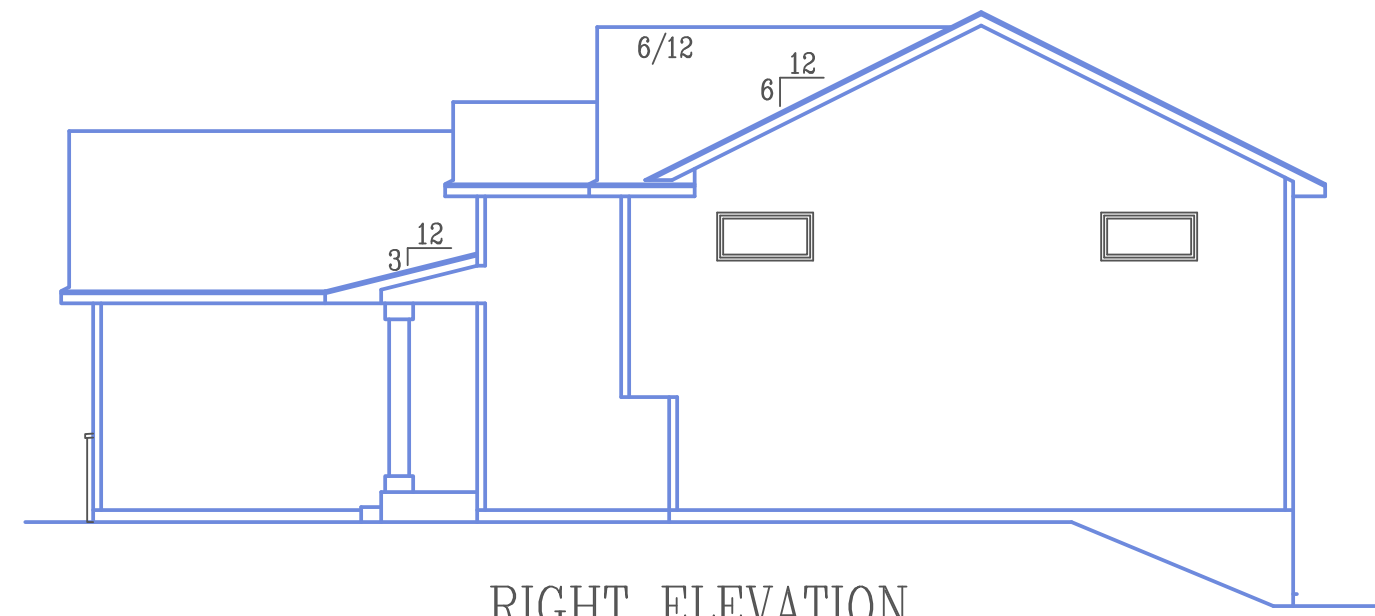
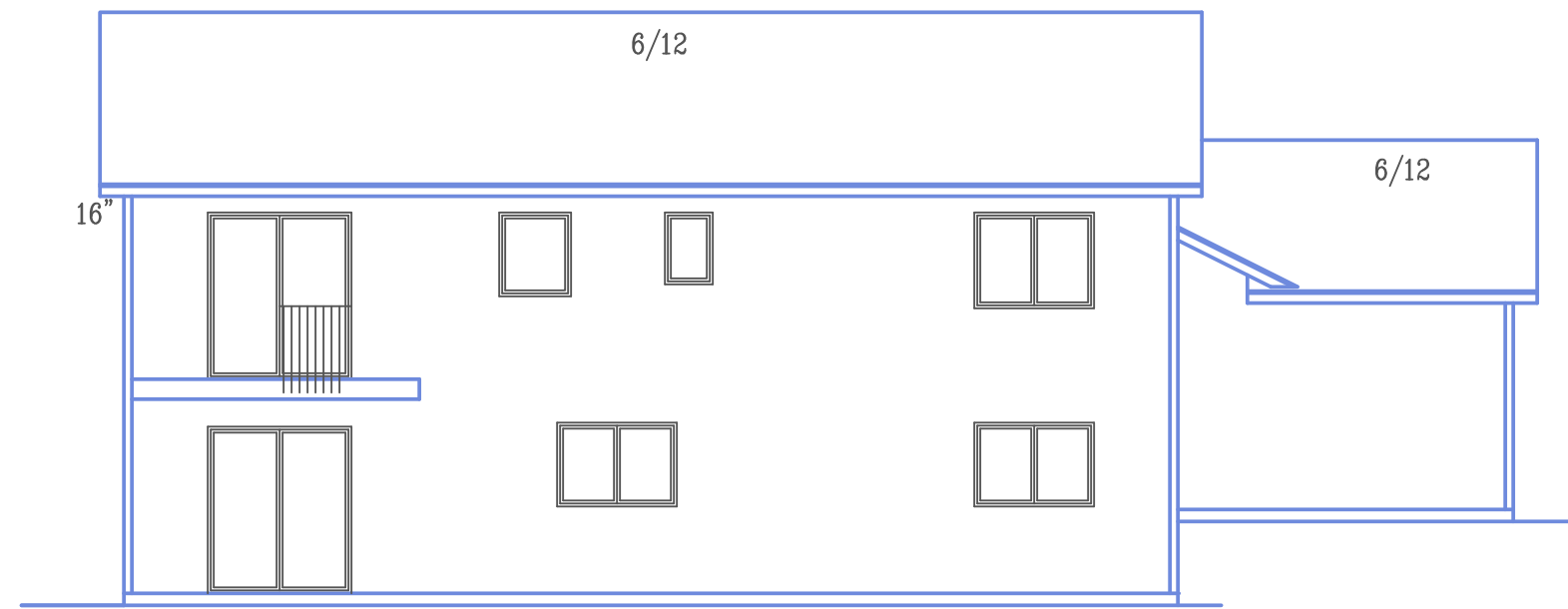


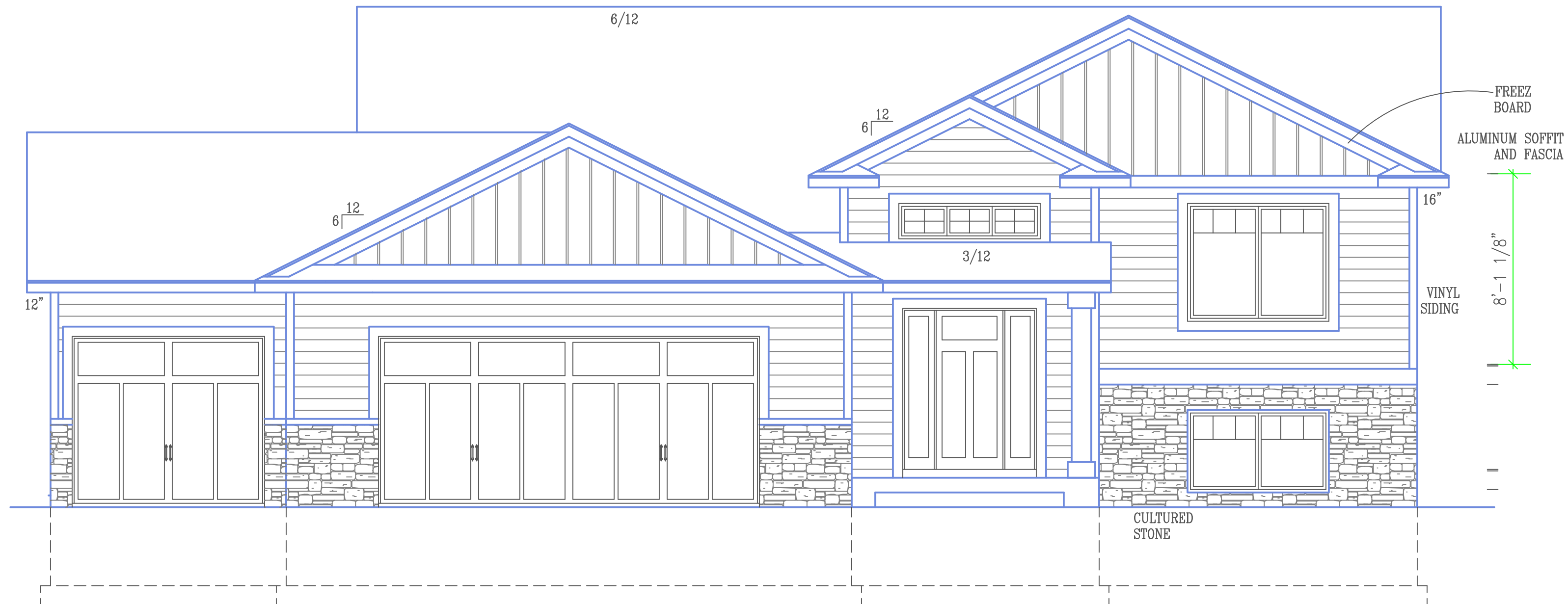
LEFT ELEVATION
SCALE 1/8"=1'-0"



RIGHT ELEVATION
SCALE 1/8"=1'-0"



REAR ELEVATION
SCALE 1/8"=1'-0"



FRONT ELEVATION
SCALE 1/4"=1'-0"

PROGRESSIVE PLAN
DESIGN LLP

RESIDENTIAL ARCHITECTURE
714 County RD 3 NW Byron MN, 55920
(507-775-8677) progressiveplandesign@gmail.com

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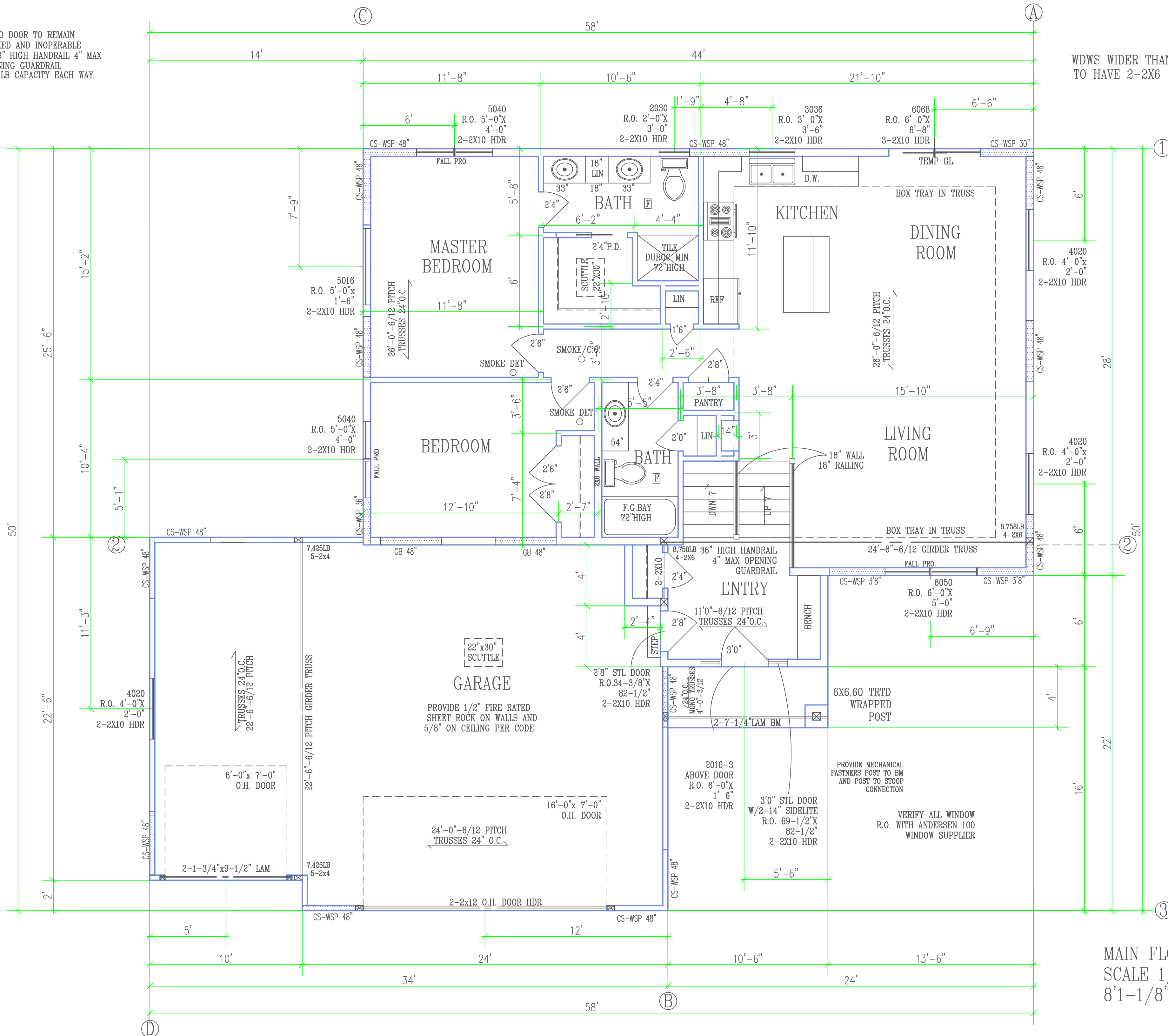
CONTRACTOR:
BIGELOW / LENNON

OWNER:
PINE PRAIRE #4-3
LOT #4 BLK #3

DRAWN BY: B.B.
DATE: 11-17-21
SQ. FT.
JOB NUM: 2112935
SCALE: NOTED
SHEET: _____ OF _____
1/4"=1' 18x24

PATIO DOOR TO REMAIN
LOCKED AND INOPERABLE
W/36" HIGH HANDRAIL 4" MAX
OPENING GUARDRAIL
200 LB CAPACITY EACH WAY

WDWS WIDER THAN 4'-1"
TO HAVE 2-2X6 CRIPPLE



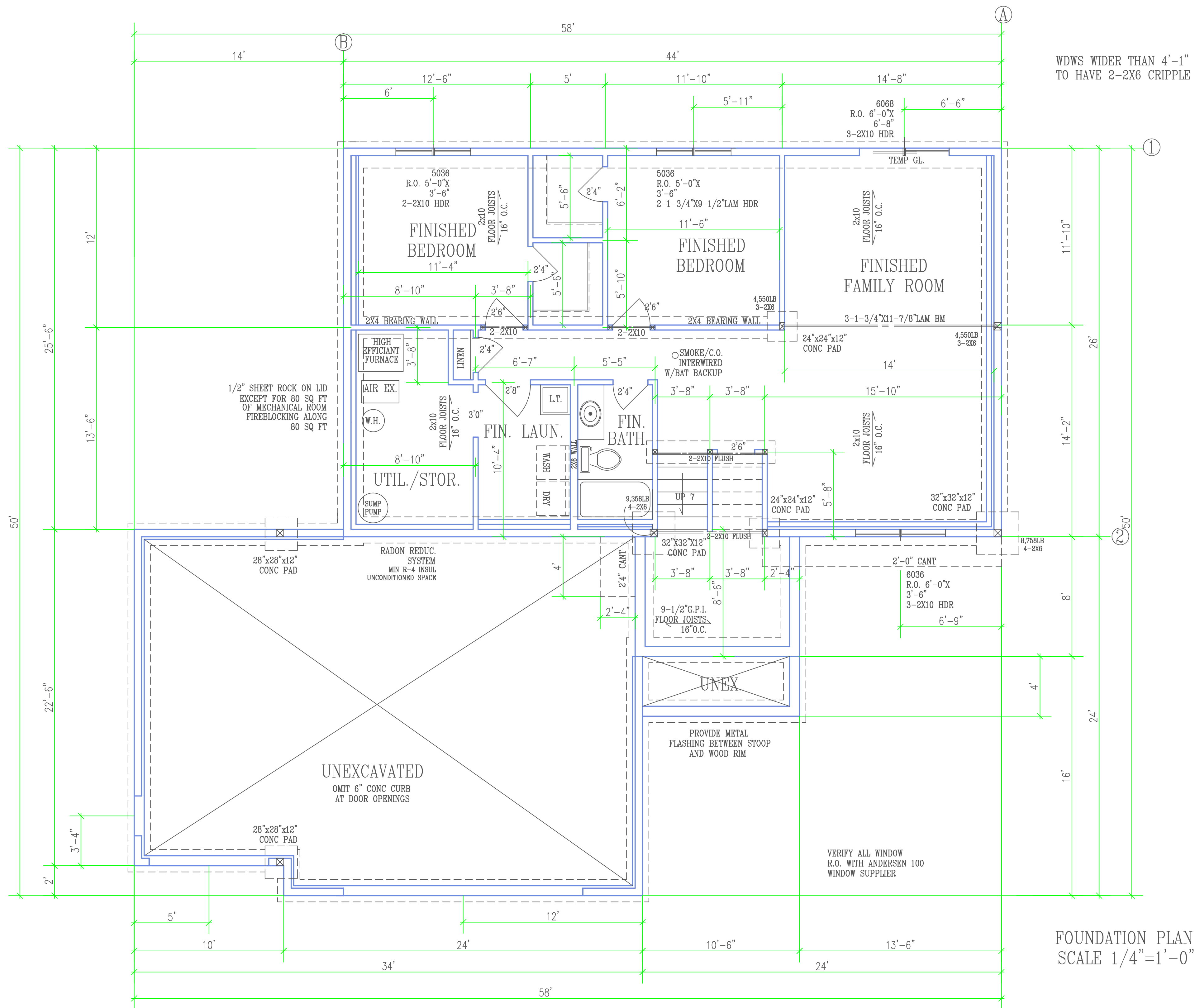
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CONTRACTOR: BIGELOW / LENNON
OWNER: PINE PRAIRE #4-3
LOT #4 BLK #3

DRAWN BY: B.B.
DATE: 11-17-21
SQ. FT.: 1,268.33
JOB NUM.: 2112935
SCALE: NOTED
SHEET: OF:
1/4"=1'0" 18x24

MAIN FLOOR PLAN
SCALE 1/4"=1'-0"
8'1-1/8" PLATE



WDWS WIDER THAN 4'-1"
TO HAVE 2-2X6 CRIPPLE

**PROGRESSIVE PLAN
DESIGN LLP**

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CONTRACTOR: **BIGELOW / LENNON**
OWNER: **PINE PRAIRE #4-3
LOT #4 BLK #3**

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

DRAWN BY: **B.B.**
DATE: **11-17-21**
SQ. FT. **1,232.00**
JOB NUM. **2112935**
SCALE: **NOTED**
SHEET: _____ OF _____
1/4"=1' 18x24

ROOF SYSTEM:

- TRUSSES 24" O.C. SPECS BY MFG.
- 1/2" OSB ROOF SHEATHING P.I.I. 32/16
- 2 LAYERS 15# FELT APPLIED SHINGLE FASHION AND SOLID MOPPED AT PLIES FROM EAVES TO A POINT 24" INSIDE EXTERIOR WALL. 1 LAYER ON REMAINING.
- 25 YEAR 3 TAB ASPHALT SHINGLES
- PROVIDE STEEL SUPPLEMENTAL UPLIFT BRACKETS FOR ALL TRUSSES.
- PROVIDE CLIPS AS REQUIRED FOR ROOF SHEATHING
- NEW ROOF COVERINGS SHALL NOT BE INSTALLED WITHOUT FIRST REMOVING EXISTING ROOF COVERINGS WHEN THE EXISTING ROOF HAS TWO OR MORE APPLICATIONS OF ANY TYPE OF ROOF COVERING.

EAVE SYSTEM:

- 2X6 SUBFASCIA
- ALUMINUM FASCIA
- 2X4 LOOKOUTS 24" O.C.
- ALUMINUM SOFFIT W/CANT VENT
- AIR CHUTES 48" O.C.

GUARDRAIL

- GUARDS REQUIRED FOR PORCHES, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THAN 36" IN HEIGHT. OPEN SIDES OF STAIRS WITH A TOTAL RISE OF MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 34" IN HEIGHT MEASURED VERTICALLY FROM THE MOSING OF THE TREADS.
- GUARD OPENING LIMITATIONS. REQUIRED GUARDS ON OPEN SIDES OF STAIRWAYS, RAISED FLOOR AREAS, BALCONIES AND PORCHES SHALL HAVE INTERMEDIATE RAILS OR ORNAMENTAL CLOSURES THAT DO NOT ALLOW PASSAGE OF A SPHERE 4" IN DIA.
- EXCEPTION: THE TRIANGULAR OPENINGS FORMED BY THE RISER, TREAD AND BOTTOM RAIL OF A GUARD AT THE OPEN SIDE OF A STAIRWAY ARE PERMITTED TO BE OF SUCH A SIZE THAT A SPHERE 6" CANNOT PASS THROUGH.

GENERAL NOTES:

- 90 MPH WIND LOAD
- FLR 40lb LL-10lb DL= 50 TL
- ROOF 35lb LL-17lb DL= 52 TL
- IRC R502.11.3 TRUSS MEMBERS AND COMPONENTS SHALL NOT BE CUT, NOTCHED, SPLICED OR OTHERWISE ALTERED IN ANY WAY WITHOUT APPROVAL OF A REGISTERED DESIGN PROFESSIONAL.
- FOUNDATION- MIN 3000 P.S.I. AIR ENTRAINED CONC.
- FOOTINGS- MIN 5000 P.S.I.
- PLAIN CONCRETE- 2000 P.S.I.
- REROD- MIN GRADE 60
- FOOTINGS TO BEAR ON ORIGINAL SOIL.
- WOOD FRAMING 2X4, 2X6 STD #2 GRADE OR BETTER
- BRIDGING AT CENTERLINE OF SPANS.
- PROVIDE SOLID BLOCKING AT FLOOR JSTS BEARING POINTS, INTERIOR BEARING WALLS AND CANTILEVERED FLOOR JOISTS AS REQUIRED.
- PROVIDE RIGID AIR BARRIER AT ALL PLUMBING AND MECHANICAL HEAT DUCT PENETRATIONS OF EXTERIOR WALLS, CEILINGS, AND FLOORS.
- 16"x16" PLUMBING ACCESS PANEL. PROVIDE A M.R. AIR BARRIER AT THE INSIDE SURFACE OF EXTERIOR ENVELOPE BEHIND TUB AND SHOWER UNITS. (1/2" AWW PLYWD.) DUROC OR 5/8" W.R. GYP. TO 72" WHEN & WHERE REQ.
- SHEATHING JOINTS WHICH ARE NOT SUPPORTED BY FRAMING MEMBERS MUST BE CAULKED.
- ALL PENETRATIONS INSTALLED THROUGH THE INTERIOR AIR BARRIER MUST BE SEALED PRIOR TO THE FRAMING INSPECTION.
- ADD 1/2" TO ALL WINDOW ROUGH OPENINGS FOR INSUL.
- MINIMUM BSMNT CEILING HGTS. 7'0" MIN. 6'6" UNDER BM.
- WINDOWS AND DOORS ARE TO BE SEALED TO PREVENT THE ENTRY OF OUTSIDE AIR. SEE MFG'S INSTALLATION.

FOUND. DRAINAGE IRC SEC. R401.3:

- EXCEPTION: WHERE LOT LINES, WALLS, SLOPES OR OTHER PHYSICAL BARRIERS PROHIBIT 6" OF FALL WITHIN 10 FT. DRAINS OR SWALES SHALL BE PROVIDED TO ENSURE DRAINAGE AWAY FROM THE STRUCTURE.

FIREBLOCKING AND DRAFTSTOPS:

- PROVIDE IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILINGS AND FLOOR LEVELS AT 10' INTERVALS BOTH VERTICAL AND HORIZONTAL.

RADON REDUCTION SYSTEM:

HOLLOW BLK FOUNDATION WALLS SHALL BE CONSTRUCTED WITH EITHER A CONT. CRS OF SOLID MASONRY, OR 1 CRS MASONRY GROUTED SOLID OR SOLID CONC. BM. AT OR ABOVE FINISHED GRADE TO PREVENT PASSAGE OF AIR FROM INTERIOR OF THE WALL INTO LIVING SPACE. WHERE BRICK LEDGE IS INSTALLED, THE CRS IMMEDIATELY BELOW THAT LEDGE SHALL BE SEALED. JOINTS CRACKS, OR OTHER OPENINGS AROUND PENETRATIONS OF BOTH EXTERIOR AND INTERIOR SURFACES OF MASONRY WALL. WOOD FOUNDATION WALLS BELOW GRADE SURFACE SHALL BE FILLED WITH POLYURETHANE CAULK MIN 3" ABS,PVC,OR EQUIVALENT GASTIGHT PIPE W/R-4 INSUL IN ALL UN-CONDITIONED AREA'S WHERE THE VENT PIPE IS TO BE EMBEDDED VERTICALLY INTO SUB SLAB AGGREGATED OR OTHER PERMIABLE MATERIAL. A "T" FITTING WITH ONE 10" SECTION OF PERFORATED PIPE CONNECTED TO EACH SIDE OF "T" OR 3" PIPE SHALL BE INSERTED INTO INTERIOR PERIMETER DRAIN TILE LOOP OR THROUGH A SEALED SUMP COVER, WHERE THE SUMP THE SUMP IS EXPOSED TO THE SUB-SLAB AGGREGATE. RADON VENTS SHALL CONNECT TO SINGLE PIPE THAT TERMINATES AT LEAST 12" ABOVE ROOF. RADON PIPES SHALL PROVIDE ENOUGH SPACE AROUND PIPE FOR FAN, MIN 24" DIA. CENTERED ON AXIS OF VENT STACK A MIN VERTICAL DISTANCE OF 36". RADON PIPES SHALL BE IDENTIFIED WITH ONE LABEL ON EACH FLOOR LABEL SHALL BEAR RADON REDUCTION SYSTEM

TEMPERED GLASS IRC R308.4:

- GLAZING, IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24" ARC OF THE DOOR AND IS LESS THAN 60" ABOVE THE FLOOR OR WALKING SURFACE. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL, OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEM 5 AND 6 ABOVE, THAT MEETS ALL OF THE FOLLOWING CONDITIONS:
- 7.1 EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQ. FT.
- 7.2 BOTTOM EDGE LESS THAN 18" ABOVE THE FLOOR.
- 7.3 TOP EDGE GREATER THAN 36" ABOVE THE FLOOR.
- 7.4 ONE OR MORE WALKING SURFACES WITHIN 36" HORIZONTALLY OF THE GLAZING.

ENG. PRODUCTS

- TRUSS MEMBERS AND COMPONENTS SHALL NOT BE CUT, NOTCHED SPLICED OR OTHERWISE ALTERED IN ANY WAY WITHOUT THE APPROVAL OF A REGISTERED REGISTERED DESIGN PROFESSIONAL.

HANDRAILS

- PROVIDE TYPE 1 OR TYPE 2 HANDRAIL HAVING MINIMUM AND MAXIMUM HEIGHTS OF 34" AND 38", RESPECTIVELY, MEASURED VERTICALLY FROM THE NOSING OF THE TREADS, SHALL BE PROVIDED ON AT LEAST ONE SIDE OF STAIRWAYS. ALL REQUIRED HANDRAILS SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIRS WITH FOUR OR MORE RISERS FROM A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. ENDS SHALL BE RETURNED OR TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NOT LESS THAN 1.5" BETWEEN THE WALL AND THE HANDRAIL.
- EXCEPTIONS. HANDRAILS SHALL BE PERMITTED TO BE INTERRUPTED BY A NEWEL POST AT A TURN. THE USE OF A VOLUTE, TURNOUT OR STAIRING EASING SHALL BE ALLOWED OVER THE LOWEST TREAD.

EXTERIOR WALL:

- SIDING NOTED ON ELEVATIONS
- TYVEK OR TYPAR HOUSE WRAP TO UNDERSIDE OF TOP CHORD OF TRUSS OR RAFTER.
- 7/16" OSB WALL SHEATHING
- 2X6 STUDS 16" O.C.
- 5-1/2" F.F. INSULATION R-20
- 4 MIL POLY PERM VAPOR BARRIER TAPED @ JOINTS
- 1/2" SHEET ROCK
- 2-2X12 HDRS ON ALL OPENINGS UNLESS OTHERWISE NOTED.

FOAM PLASTIC

- SILL PLATES & HEADERS. FOAM PLASTIC SHALL BE PERMITTED TO BE SPRAY APPLIED (WITHOUT THERMAL BARRIER) TO A SILL PLATE AND HEADER (RIM) SUBJECT TO ALL OF THE FOLLOWING.
- THE MAXIMUM THICKNESS OF THE FOAM PLASTIC SHALL BE 3-1/4"
- THE DENSITY OF THE FOAM SHALL BE BETWEEN 1.5 TO 2.0 PCF.
- FLAME SPREAD INDEX OF 25 OR LESS AND A SMOKE DEVELOPED INDEX OF 450 OR LESS WHEN TESTED IN ACCORDANCE WITH ASTM E84
- IF FOUNDATION WALL INSULATION IS ON THE EXTERIOR, THE PORTION FROM THE TOP OF THE FOUNDATION WALL TO SIX INCHES BELOW GRADE MUST BE COVERED BY AN APPROVED PROTECTIVE COATING.

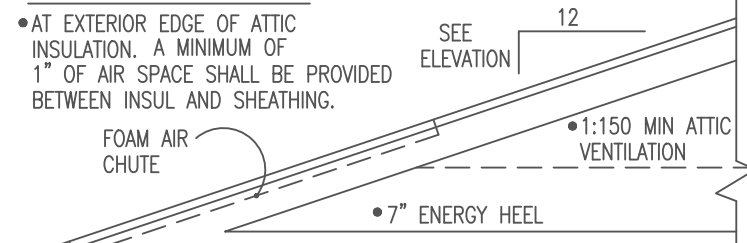
EMERGENCY ESCAPE WINDOWS: AND WINDOW WELL SPECS. IRC SEC. R310.2.1

- 5 SQ. FT. MIN. 20" WIDE, MIN. 24" HIGH CLEAR OPENING. WINDOWS PERMITTED AT GRADE LEVEL. GRADE LEVEL IS DEFINED AS THE WINDOW HAVING A SILL HGT. OF NOT MORE THAN 44" ABOVE OR BELOW GROUND LEVEL.
- MINNESOTA RULES, 1309.0310, SEC. R310.1 MIN. CEILING HGT. 36" MAINTAINED ABOVE EXTERIOR GRADE FROM EXTERIOR WALL TO PUBLIC WAY (I.E. UNDER DECKS OR CANT.)
- MIN 36" CLEAR SPACE IN FRONT OF WINDOW.
- WINDOW WELLS WITH A VERTICAL DEPTH GREATER THAN 44" BELOW THE ADJACENT GROUND LEVEL SHALL BE EQUIPPED WITH A PERMANENTLY AFFIXED LADDER OR STEPS USABLE WITH THE WINDOW IN THE FULLY OPEN POSITION. THE LADDER OR STAIRS SHALL BE PERMITTED TO ENCR OACH A MAXIMUM OF 6 INCHES. LADDERS OR RUNGS SHALL HAVE AN INSIDE WIDTH OF AT LEAST 12" AND SHALL PROJECT AT LEAST 3" FROM THE WALL AND SHALL BE SPACED NOT MORE THAN 18" ON CENTER VERTICALLY FOR THE FULL HEIGHT OF THE WINDOW WELL.

FLASHING & COUNTERFLASHING IRC SEC. R703.8

- APPROVED CORROSION-RESISTIVE FLASHING SHALL BE PROVIDED IN THE EXTERIOR WALL ENVELOPE IN SUCH A MANNER AS TO PREVENT ENTRY OF WATER INTO THE WALL CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS. THE FLASHING SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH AND BE INSTALLED TO PREVENT WATER FROM RE-ENTERING THE EXTERIOR WALL ENVELOPE.
- FLASHING SHALL BE INSTALLED CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM.
- FLASHING SHALL BE INSTALLED AT WALL AND ROOF INTERSECTIONS.
- EXTEND DRIP CAPS PAST THE END OF THE BRICK MOLD AND BEND OVER.
- INSTALL KICK OUT FLASHING WHERE STEP FLASHING BEGINS.

WINDWASH BARRIER:



- CEILING:**
- 5/8" SHEET ROCK
 - 0.1 PERM VAPOR BARRIER
 - BLOWN INSULATION MIN R-49

- NOTE:**
- SHEATHING JOINTS WHICH ARE NOT SUPPORTED BY FRAMING MEMBERS MUST BE CAULKED

- NOTE:**
- ALL PENETRATIONS INSTALLED THROUGH THE INTERIOR AIR BARRIER MUST BE SEALED PRIOR TO THE FRAMING INSPECTION

FLR. JST. SYS:

- JOIST SIZE ON PLAN
- PROVIDE SOLID BLOCKING AT 24" O.C. IN FIRST 3 JOIST SPACES PARALLEL TO FOUNDATION WALL, WHERE 5-7 FEET OF WELL DRAINED SOIL. PROVIDE BRIDGING AS REQUIRED.

BEARING WALL:

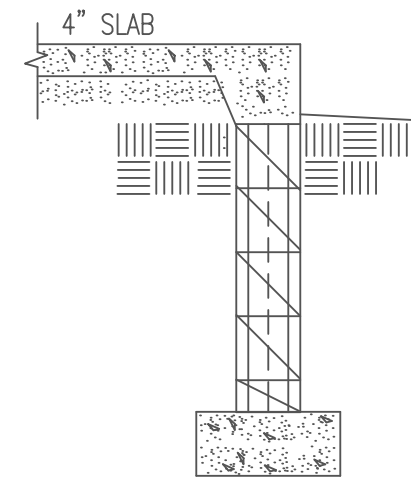
- 20"x 10" CONT. CONC. FOOTING
- 1-CRS 4"x4"x16" CONC BLK. 1/2"x 10" ANCOR BOLT 72" O.C. 7" EMBEDMENT
- 2X4 TRTD BOTTOM PLATE
- 2X4 STUDS 16" O.C. PROVIDE BRIDGING AS REQ.

STAIR SYSTEM:

- 3-2X12 STRINGERS D-FIR
- 1X8 PINE RISERS
- 5/4X 10" PARTIAL BOARD TREADS OR 2X10 HEM FIR SECURED TO STRINGERS W/4-16d CC NAILS PER STRINGER. PROVIDE HANDRAIL 34"-38" HIGH 36" HIGH GUARDRAIL W/4" MAX OPENINGS. 7-3/4" MAX RISE, 10" MIN RUN. 5/8" S.R. WALLS AND SOFFIT OF ENCLOSED UNUSEABLE UNDERSTAIRS.
- 6"-8" MIN HEADROOM.
- A NOSING OF NOT LESS THAN 3/4" OR MORE THAN 1-1/4" IS REQUIRED AND IS NOT REQ. IF TREAD DEPTH IS MIN. 11" RISER MAY BE OPEN PROVIDED THE OPENING DOES NOT PERMIT THE PASSAGE OF A 4" DIAMETER SPHERE IRC R311.5.3
- 1/2" AC PLYWOOD SECURED TO DBL STAIR HEADER W/4-8d CC NAILS PER STRINGER, STRINGERS SECURED TO PLYWOOD W/4-16d CC NAILS PER STRINGER.

LANDINGS

- THERE SHALL BE A FLR. OR LANDING AT THE TOP AND BOTTOM OF EACH STAIRWAY.
- EXCEPTION: AT THE TOP OF AN INTERIOR FLIGHT OF STAIRS, PROVIDED A DOOR DOES NOT SWING OVER THE STAIRS.
- THERE SHALL BE A FLOOR OR LANDING ON EACH SIDE OF EACH EXTERIOR DOOR. THE FLOOR OF LANDING AT A DOOR SHALL NOT BE MORE THAN 1.5" LOWER THAN THE TOP OF THE THRESHOLD.
- EXCEPTION: AN EXTERIOR DR. SHALL NOT BE MORE THAN 7-3/4" BELOW THE TOP OF THE THRESHOLD, PROVIDED THE DOOR, OTHER THAN AN EXTERIOR STORM OR SCREEN DR. DOES NOT SWING OVER THE LANDING. THE WIDTH OF LANDING SHALL NOT BE LESS THAN THE STAIRWAY OR DR. SERVED. MIN. 36" IN THE DIRECTION OF TRAVEL.



STOOP

- 18"x8" CONTINUOUS CONC FOOTING 2-#4 REROD CONT
- 4-1/2 CRS 8" CONC BLOCK
- #4 REROD 48" O.C. VERT FULLY GROUTED CORES MIN 7" EMBEDMENT
- MIN 40 BAR DIA LAP ALL VERTICAL REINFORCEMENT SPLICES

GARAGE WALL:

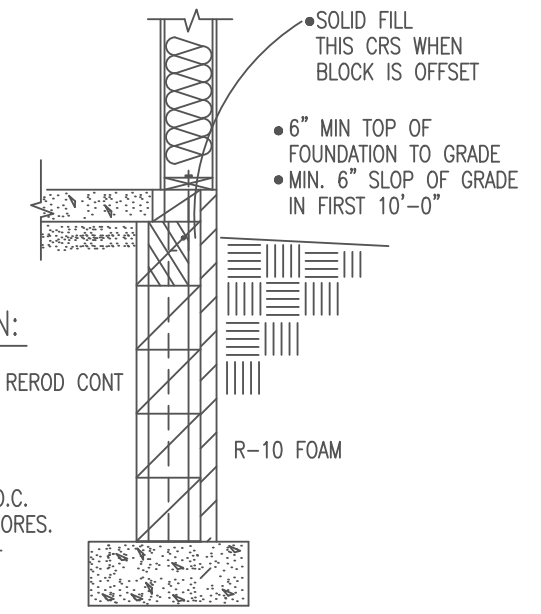
- SIDING NOTED ON PLAN
- TYVEK OR TYPAR HOUSE WRAP
- 7/16" OSB WALL SHEATHING
- 2X4 STUDS 16" O.C.
- 2X4 TRTD BOTTOM PLATE
- 20 MIN. FIRE RATED DR. BETWEEN GARAGE AND HOUSE

GARAGE FOUNDATION:

- 18"x8" CONTINUOUS CONC FOOTING 2-#4 REROD CONT
- 4-1/2-CRS 8" CONC BLOCK
- 1-CRS 6"x8"x16" CONC BLOCK
- #4 REROD 48" O.C. VERT 1/2"x 12" ANCHOR BOLTS 48" O.C. TO SHARE COMMON FULLY GROUTED CORES MIN 7" EMBEDMENT
- 2X6 TRTD SILL PLATE
- 6" SILL SEAL
- MIN 40 BAR DIA LAP ALL VERTICAL REINFORCEMENT SPLICES

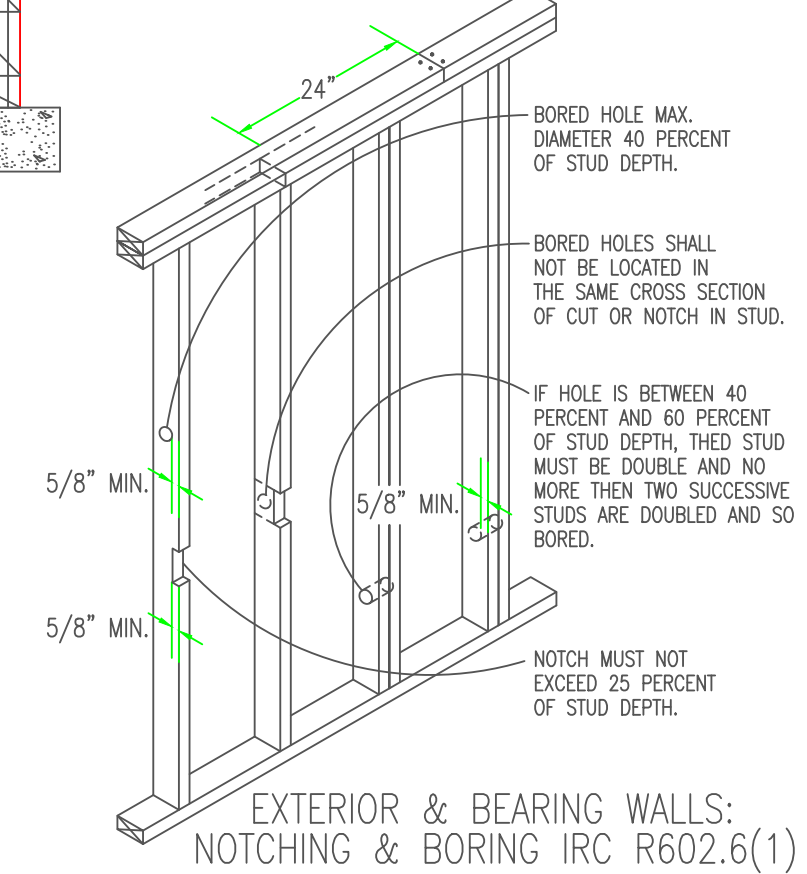
WALKOUT FOUNDATION:

- 20"x 8" CONT. FOOTING 2-#4 REROD CONT
- 5-CRS 8" CONC BLOCK
- 1-CRS 4"x6"x16" CONC BLOCK
- #4 REROD 48" O.C. VERTICAL
- 1/2"x10" ANCHOR BOLT 48" O.C. IN COMMON FULLY GROUTED CORES. MIN 7" EMBEDMENT
- 2X6 TRTD SILL PLATE
- 6" SILL SEAL
- MIN 40 BAR DIA. LAP ALL VERTICAL REINFORCEMENT



WHEN SCISSOR TRUSSES ARE USED THE GABLE END FRAME SHALL MATCH THE PROFILE OF THE SCISSOR TRUSSES ADJACENT TO IT FOR PROPER BOTTOM CHORD PLANE BRACING TO BE INSTALLEED

IRC SEC. R602.3.2 WOOD STUD WALLS SHALL BE CAPPED WITH A DOUBLE TOP PLATE INSTALLED TO PROVIDE OVERLAPPING AT CORNERS AND INTERSECTIONS WITH BEARING PARTITIONS. END JOINTS IN TOP PLATES SHALL BE OFFSET AT LEAST 24 INCHES.



EXTERIOR & BEARING WALLS: NOTCHING & BORING IRC R602.6(1)

PROGRESSIVE PLAN DESIGN LLP

RESIDENTIAL ARCHITECTURE
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CONTRACTOR: **BIGELOW / LENNON**
OWNER: **PINE PRAIRE #4-3 LOT #4 BLK #3**

DATE: **11-17-21**
JOB NUM: **2112935**
SCALE: **NOTED**
SHEET: **1/4"=1'0" 18x24**

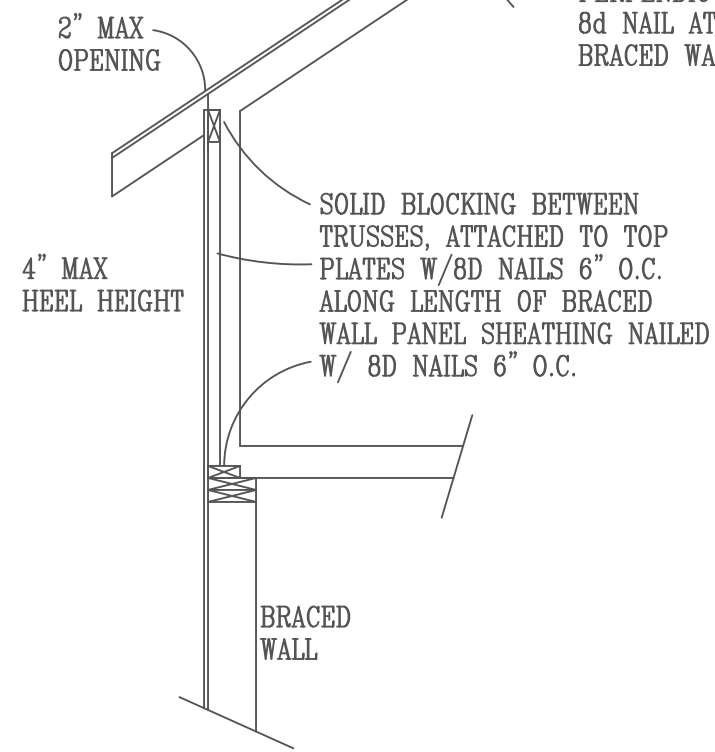
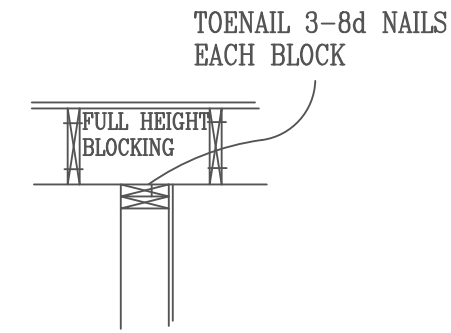
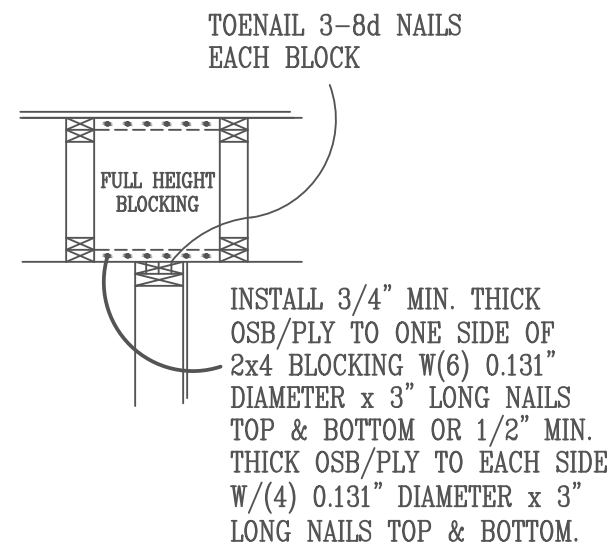
Customer/Contractor Signature _____ Date _____

DISCRPTION: MAIN FLOOR

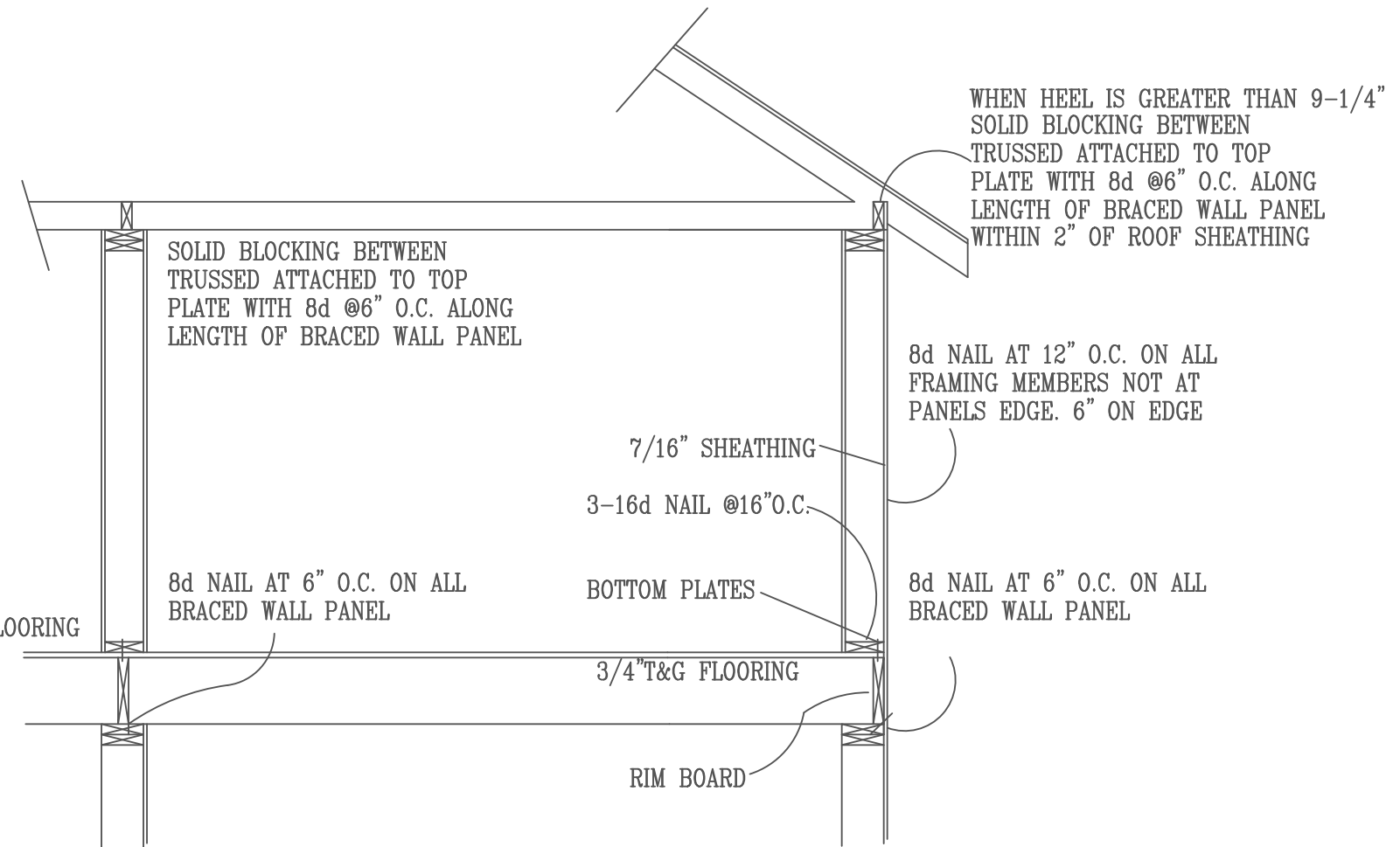
| BRACED PANEL LENGTH TABLE BASED ON WIND SPEED (<90mph) | | | | | | | | | |
|---|----------------------------------|--------------------------|--------------------------------|-----------------|--------------------|----------------------------------|-----------------|--------------------|-------------------|
| BRACED WALL LINE | BRACING METHOD TABLE R602.10.4.1 | BRACED WALL LINE SPACING | REQUIRED BRACING LENGTH (FEET) | EXPOSURE FACTOR | ROOF TO EAVE TOTAL | * ADJUSTMENT CALCULATION EXAMPLE | | | |
| | | | | | | REQUIRED BRACING LENGTH | EXPOSURE FACTOR | ROOF TO EAVE TOTAL | WALL HEIGHT TOTAL |
| ① | CS-WSP | 26 FT. | 4.4 | 1.0 | 0.88 | 0.90 | 1.3 | 4.5' | 10.5' |
| ② | GB | 26 FT. | 8.2' | 1.0 | 0.88 | 0.90 | 1.3 | 8.4' | 18.5' |
| ③ | CS-WSP | 22 FT. | 3.8' | 1.0 | 0.88 | 0.95 | 1.3 | 4.1' | 9.5' |

DISCRPTION: MAIN FLOOR

| BRACED PANEL LENGTH TABLE BASED ON WIND SPEED (<90mph) | | | | | | | | | |
|---|----------------------------------|--------------------------|--------------------------------|-----------------|--------------------|----------------------------------|-----------------|--------------------|-------------------|
| BRACED WALL LINE | BRACING METHOD TABLE R602.10.4.1 | BRACED WALL LINE SPACING | REQUIRED BRACING LENGTH (FEET) | EXPOSURE FACTOR | ROOF TO EAVE TOTAL | * ADJUSTMENT CALCULATION EXAMPLE | | | |
| | | | | | | REQUIRED BRACING LENGTH | EXPOSURE FACTOR | ROOF TO EAVE TOTAL | WALL HEIGHT TOTAL |
| A | CS-WSP | 44 FT. | 6.6' | 1.0 | 0.88 | 0.90 | 1.45 | 7.6' | 12.0' |
| B | CS-WSP | 36 FT. | 5.6' | 1.0 | 0.88 | 0.95 | 1.45 | 6.8' | 8.0' |
| C | CS-WSP | 44 FT. | 6.6' | 1.0 | 0.88 | 0.90 | 1.45 | 7.6' | 12.0' |
| D | CS-WSP | 36 FT. | 5.6' | 1.0 | 0.88 | 0.95 | 1.45 | 6.8' | 8.0' |



BRACED WALL PANEL CONNECTION TO PERPENDICULAR TRUSSES W/ HIGH HEEL

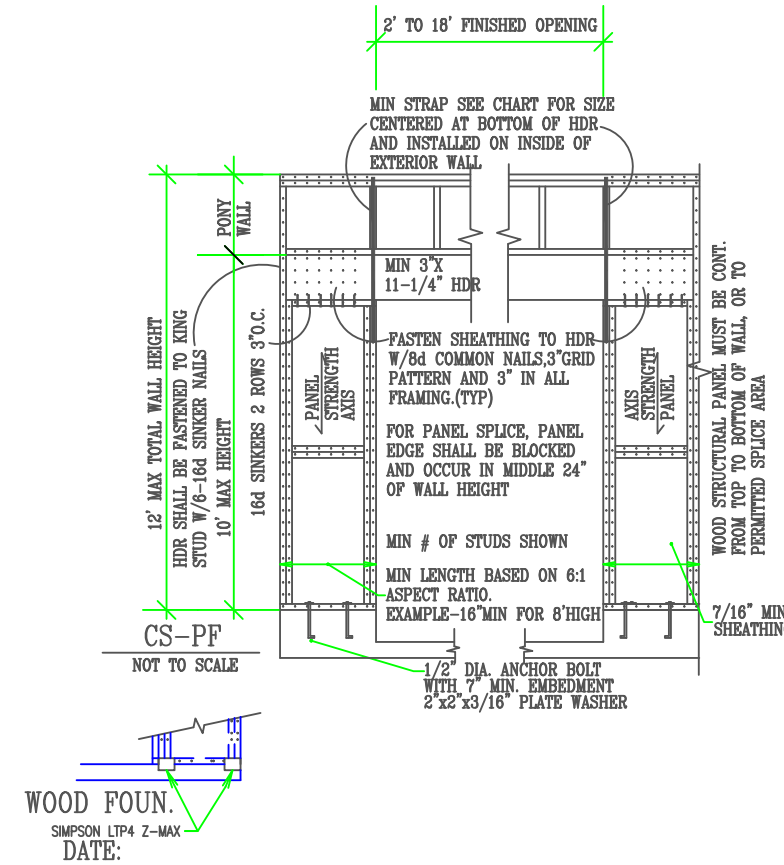
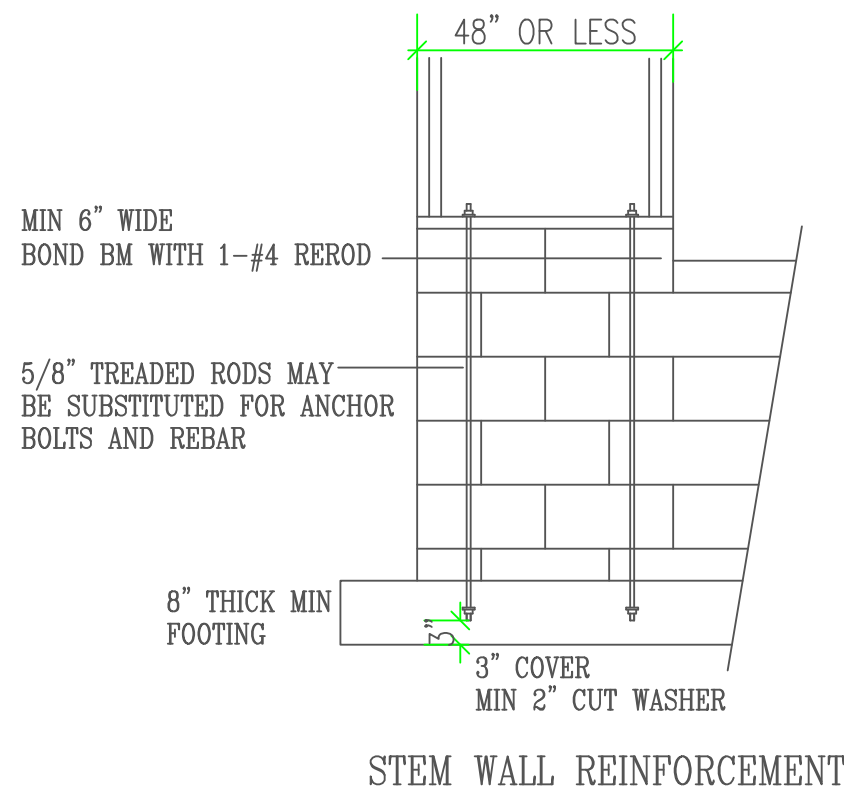


NOTE: PARALLEL BLOCKING NAILING IS THE SAME AS PERPENDICULAR 8d NAIL AT 6" O.C. ALONG BRACED WALL PANEL

GB BRACED WALL PLATE FASTENED TO FLOOR W/ 3-16d NAILS @ 16:0.C. FULL HEIGHT BLOCKING 16"O.C. 3-8D NAILS EACH BLOCK. SHEET ROCK SCREWS @ 7" AT EDGES AND IN FIELD.

NOTE: BLOCK IS REQUIRED WHERE JOISTS ARE PERPENDICULAR AND IN LINE WITH BRACED WALL LINE ABOVE

WALL BRACING NOTES CS-WSP
 1. ALL WALLS SHALL BE CONTINUOUSLY SHEATHED WITH WOOD STRUCTURAL PANELS
 2. CS-WSP ON PLANS INDICATE AREAS OF BRACED PANELS
 3. BRACED PANELS SHALL BE CONSTRUCTED WITH 16" O.C. STUDS. TOP PLATES FASTENED TO SOLID FRAMING WITH 8d NAILS 6" O.C. BOTTOM PLATES FASTENED TO SOLID FRAMING W/ 3-16d NAILS 16"O.C.
 7/16" OSB SHEATHING W/ 24/16 INDEX FASTENED W/ 8d COMMON NAILS 6"O.C. ON EDGES AND 12" O.C. IN FIELD.
 SOLID BLOCKING BETWEEN TRUSSED WITH HEEL GREATER THAN 9-1/4" TO WITHIN 2" OF ROOF SHEATHING FASTENED WITH MIN 8d NAILS 6" O.C. ALONG LENGTH OF PANEL
 4. ANY OTHER TYPE OF BRACING METHOD SHALL BE INDICATED ON PLAN AND SEPARATE DETAIL WILL BE PROVIDED.



| TENSION STRAP CAPACITY FOR WIND PRESSURE REQ. FOR PFH, PFG, AND CS-PF | | | | | |
|---|--------------------------|---------------------------|-----------------------|---|------------|
| MIN WALL STUD FRAMING NOMINAL SIZE AND GRADE | MAXIMUM PONY WALL HEIGHT | MAXIMUM TOTAL WALL HEIGHT | MAXIMUM OPENING WIDTH | TENSION STRAP CAPACITY REQ. 90 MPH WIND | |
| | | | | EXPOSURE B | EXPOSURE C |
| 2X4 NO.2 GRADE | 0 | 10 | 18 | 1000 | 1000 |
| | | | 9 | 1000 | 1000 |
| | | | 16 | 1000 | 1000 |
| | 1 | 10 | 16 | 1000 | 2325 |
| | | | 18 | 1200 | 2725 |
| | | | 9 | 1000 | 1550 |
| | 2 | 10 | 16 | 2025 | 3900 |
| | | | 18 | 2400 | DR |
| | | | 9 | 1200 | 2750 |
| | 2 | 12 | 16 | 3200 | DR |
| | | | 18 | 3850 | DR |
| | | | 9 | 2350 | DR |
| 4 | 12 | 16 | DR | DR | |
| | | 18 | 1000 | 1750 | |
| | | 9 | 2050 | 3550 | |
| 2X6 STUD GRADE | 2 | 12 | 18 | 2450 | 4100 |
| | | | 9 | 1500 | 2775 |
| | | | 16 | 3150 | DR |
| 4 | 12 | 12 | 18 | 3675 | DR |
| | | | 16 | DR | DR |
| | | | 9 | DR | DR |

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These drawings have been prepared using information provided by the customer/contractor who is solely responsible for the accuracy of the information provided. The drawings are not a substitute for permit drawings prepared by a contractor or architect and may not meet all applicable codes and regulations. Before starting construction, the customer should consult with local building codes and regulations. The customer should also consult with a structural engineer for specific to project or project site. Consult local building officials to determine if a building permit is required. The customer/contractor is responsible for obtaining all necessary permits, licenses, and approvals. The customer/contractor is responsible for ensuring that the drawings are used in accordance with their intended purpose and for any errors, omissions, deficiencies, improper construction, or defects of the drawings. Acknowledged by _____ Customer/Contractor Signature _____ Date _____

CONTRACTOR: BIGELOW / LENNON
 OWNER: PINE PRAIRE #4-3 LOT #4 BLK #3

DRAWN BY: B.B.
 DATE: 11-17-21
 SQ. FT.:
 JOB NUM: 2112935
 SCALE: NOTED
 SHEET: OF
 1/4"=1'0" 18x24