

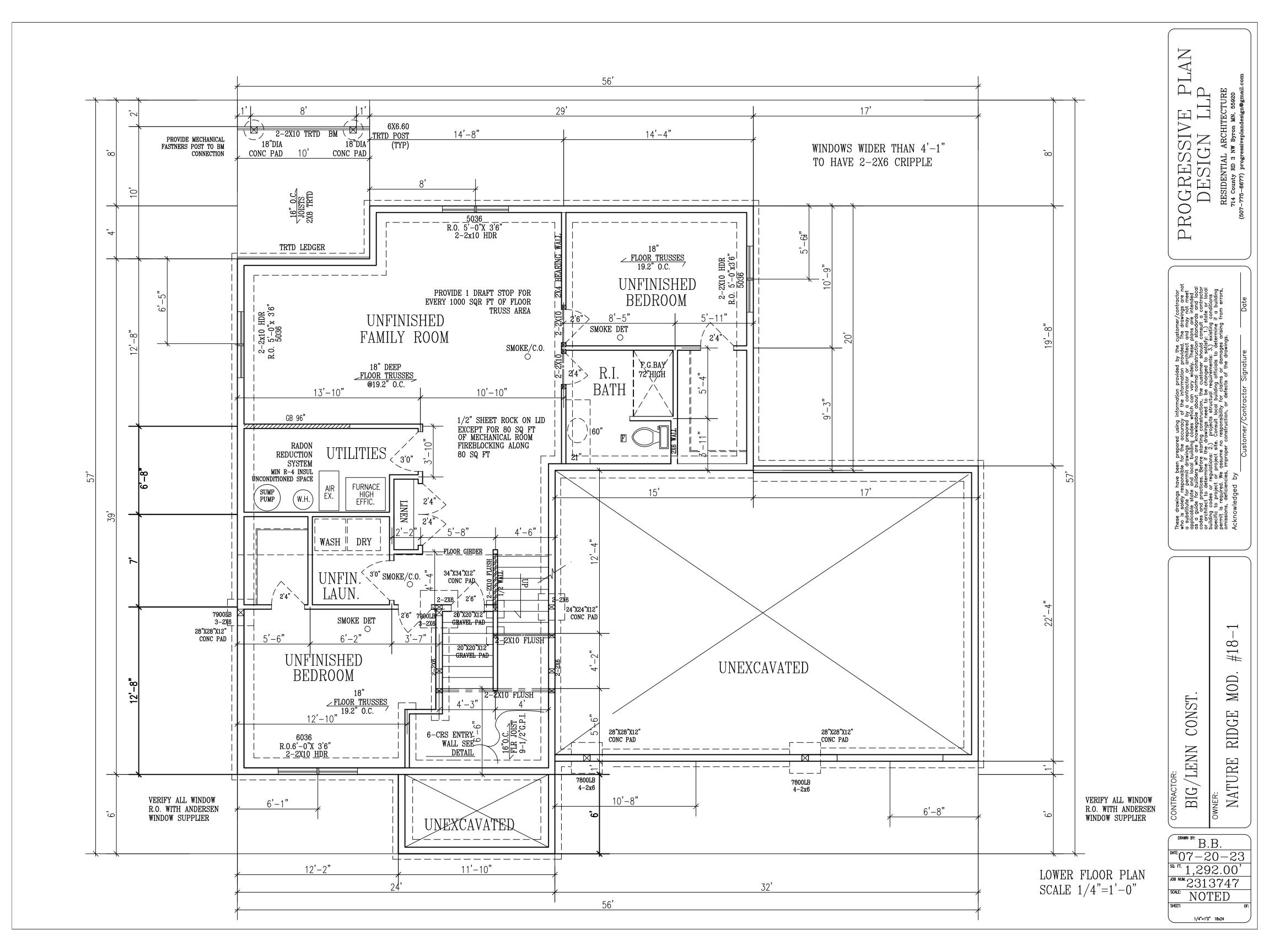
PROGRESSIVE

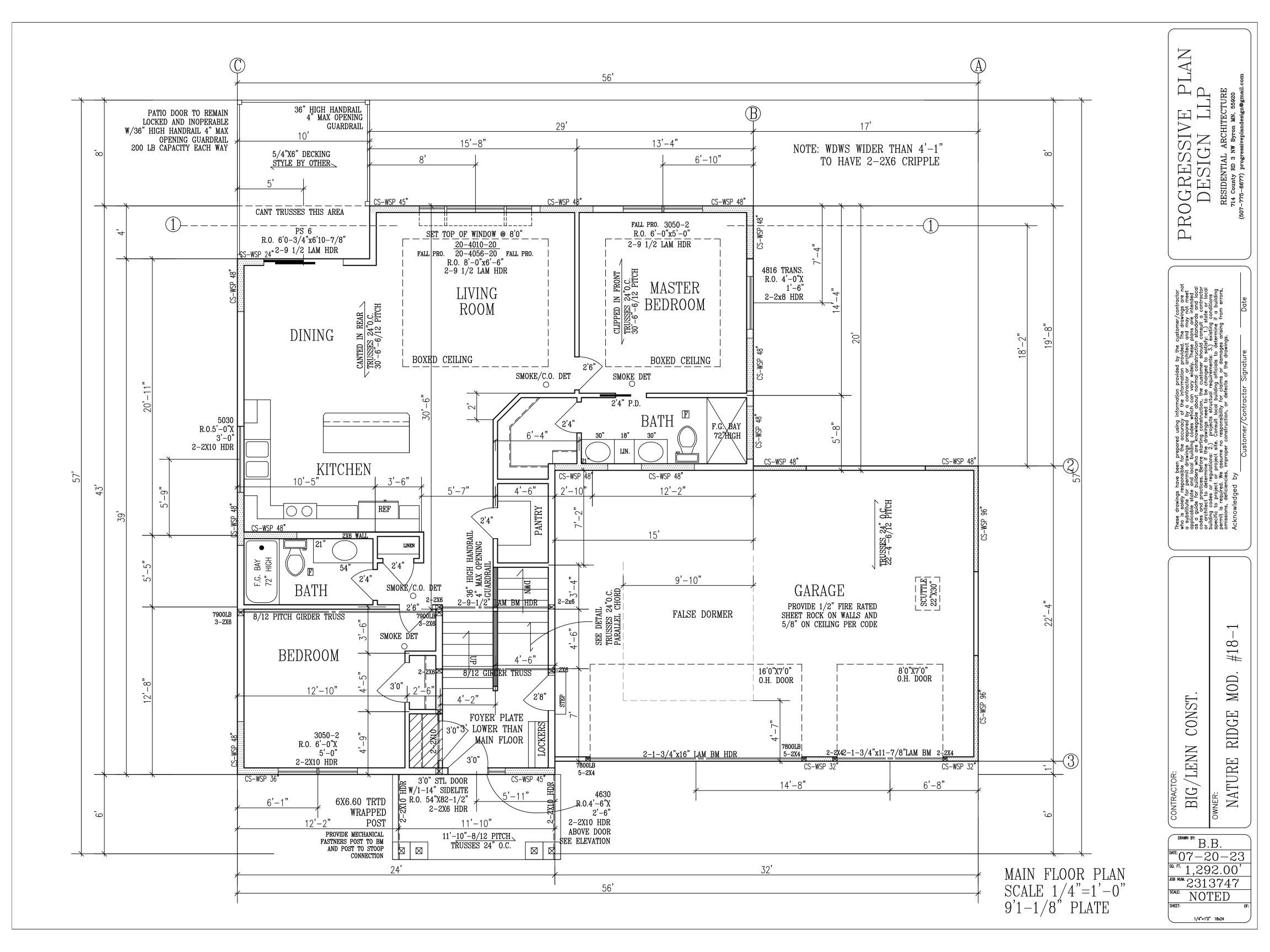
MOD. CONST. RIDGE BIG/LENN OWNER: NATURE

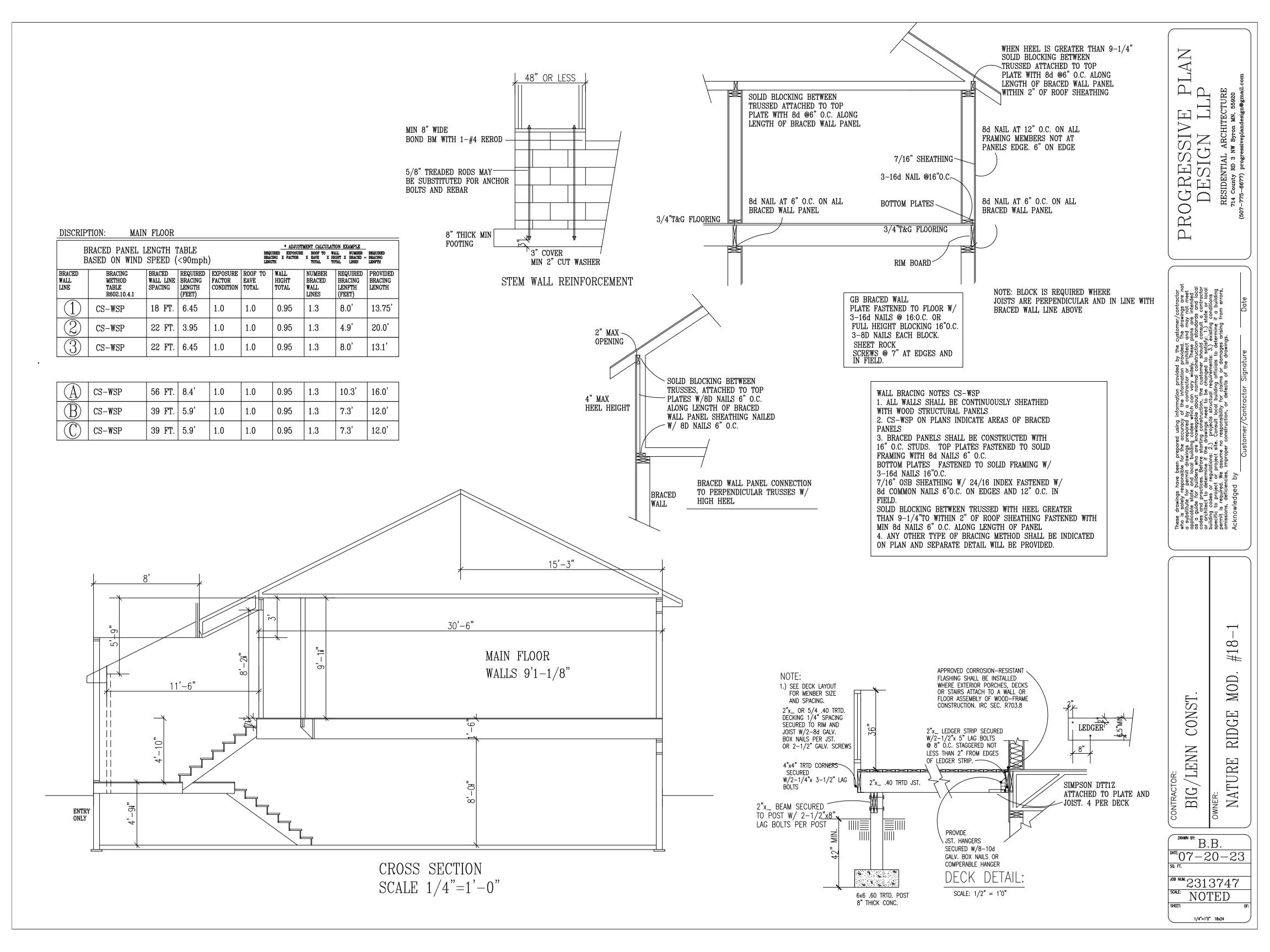
 $\begin{array}{c} \hline \text{DRAWN BY:} \\ B.B. \\ \hline \text{DATE:} 07 - 20 - 23 \\ \hline \end{array}$ JOB NUM. 2313747
SCALE: NOTED

1/4"=1'0" 18x24

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







TEMPERED GLASS IRC R308.4: FOAM PLASTIC ROOF SYSTEM: **EMERGENCY ESCAPE WINDOWS:** \triangleleft GLAZING, IN AN INDIVIDUAL FIXED OR OPERABLE • SILL PLATES & HEADERS. FOAM PLASTIC SHALL BE PERMITTED TO BE SPRAY •TRUSSES 24" O.C. SPECS BY MFG. AND WINDOW WELL SPECS. IRC SEC. R310.2.1 PANEL ADJACENT TO A DOOR WHERE THE NEAREST APPLIED (WITHOUT THERMAL BARRIER) TO A SILL PLATE AND HEADER (RIM) •1/2" OSB ROOF SHEATHING P.I.I. 32/16 VERTICAL EDGE IS WITHIN A 24" ARC OF THE DOOR • 5 SQ. FT. MIN. 20" WIDE, MIN. 24" HIGH CLEAR OPENING SUBJECT TO ALL OF THE FOLLOWING. •2 LAYERS 15# FELT APPLIED SHINGLE FASHION IRC SEC. R401.3 AND IS LESS THAN 60" ABOVE THE FLOOR OR WALKING WINDOWS PERMITTED AT GRADE LEVEL. GRADE LEVEL IS AND SOLID MÖPPED AT PLIES FROM EAVES TO • THE MAXIMUM THICKNESS OF THE FOAM PLASTIC SHALL BE 3-1/4" 6" MIN TOP OF SURFACE, GLAZING IN AN INDIVIDUAL FIXED OR DEFINED AS THE WINDOW HAVING A SILL HGT. OF NOT MORE • THE DENSITY OF THE FOAM SHALL BE BETWEEN 1.5 TO 2.0 PCF. A POINT 24" INSIDE EXTERIOR WALL. FOUNDATION TO GRADE OPERABLE PANEL, OTHER THAN THOSE LOCATIONS THAN 44" ABOVE OR BELOW GROUND LEVEL • FLAME SPREAD INDEX OF 25 OR LESS AND A SMOKE DEVELOPED INDEX 1 LAYER ON REMAINING. • MIN. 6" SLOP OF GRADE DESCRIBED IN ITEM 5 AND 6 ABOVE, THAT MEETS OF 450 OR LESS WHEN TESTED IN ACCORDANCE WITH ASTM E84 ●25 YEAR 3 TAB ASPHALT SHINGLES MINNESOTA RULES, 1309.0310, SEC. R310.1 IN FIRST 10'-0" ALL OF THE FOLLOWING CONDITIONS: MIN. CEILING HGT. 36" MAINTAINED ABOVE EXTERIOR GRADE PROVIDE STEEL SUPPLIMENTAL UPLIFT • 7.1 EXPOSED AREA OF AN INDIVIDUAL PANE BRACKETS FOR ALL TRUSSES. FROM EXTERIOR WALL TO PUBLIC WAY (I.E. UNDER DECKS OR CANT.) FOAM PROTECTION GREATER THAN 9 SQ. FT. • PROVIDE CLIPS AS REQUIRED FOR ROOF SHEATHING MIN 36" CLEAR SPACE IN FRONT OF WINDOW • 7.2 BOTTOM EDGE LESS THAN 18" ABOVE THE FLOOR. • IF FOUNDATION WALL INSULATION IS ON THE EXTERIOR, THE PORTION • WINDOW WELLS WITH A VERTICAL DEPTH GREATER THAN 44" • NEW ROOF COVERINGS SHALL NOT BE INSTALLED • 7.3 TOP EDGE GREATER THAN 36" ABOVE THE FLOOR. FROM THE TOP OF THE FOUNDATION WALL TO SIX INCHES BELOW BELOW THE ADJACENT GROUND LEVEL SHALL BE EQUIPPED WITH WITHOUT FIRST REMOVING EXISTING ROOF COVERINGS • 7.4 ONE OR MORE WALKING SURFACES WITHIN GRADE MUST BE COVERED BY AN APPROVED PROTECTIVE COATING. A PERMANENTLY AFFIXED LADDER OR STEPS USABLE WITH THE RESIDENTIAL WHEN THE EXISTING ROOF HAS TWO OR MORE 36" HORIZONTALLY OF THE GLAZING. APPLICATIONS OF ANY TYPE OF ROOF COVERING. WINDOW IN THE FULLY OPEN POSITION. ENG. PRODUCTS IRC SEC. R502.11.3: \mathcal{O} THE LADDER OR STAIRS SHALL BE PERMITTED TO ENCROACH A NOTED EAVE SYSTEM: MAXIMUM OF 6 INCHES. •TRUSS MEMBERS AND COMPONENTS SHALL NOT BE CUT, 口 LADDERS OR RUNGS SHALL HAVE AN INSIDE WIDTH OF AT LEAST 12" NOTCHED SPLICED OR OTHERWISE ALTERED IN ANY WAY • 2X6 SUBFASCIA AND SHALL PROJECT AT LEAST 3" FROM THE WALL AND SHALL BE WITHOUT THE APPROVAL OF A REGISTERED REGISTERED ALUMINUM FASCIA SPACED NOT MORE THAN 18" ON CENTER VERTICALLY FOR THE DESIGN PROFESSIONAL. • 2X4 LOOKOUTS 24" O.C. 8'0-1/2" OTHERWISE FULL HEIGHT OF THE WINDOW WELL. ALUMINUM SOFFIT W/CANT VENT HANDRAILS • AIR CHTUES 48" O.Ć. WINDWASH BARRIER: FLASHING & COUNTERFLASHING IRC SEC. R703.8 FULL BSMNT. FOUNDATION: PROVIDE TYPE 1 OR TYPE 2 HANDAIL GUARDRAILS • AT EXTERIOR EDGE OF ATTIC • APPROVED CORROSION-RESISTIVE FLASHING SHALL BE PROVIDED IN THE •2X10 .60 TRTD FOOTING PLATE HANDRAILS HAVING MINIMUM AND MAXIMUM INSULATION. A MINIMUM OF EXTERIOR WALL ENVELOPE IN SUCH A MANNER AS TO PREVENT ENTRY • 2X8 .60 TRTD BOTTOM PLATE • GUARDS REQUIRED FOR PORCHES, BALCONIES OR HEIGHTS OF 34" AND 38", RESPECTIVELY, ELEVATION " OF AIR SPACE SHALL BE PROVIDED •2X8 .60 TRTD WALL STUDS 12" O.C. OF WATER INTO THE WALL CAVITY OR PENETRATION OF WATER TO THE RAISED FLOOR SURFACES LOCATED MORE THAN MEASURED VERTICALLY FROM THE NOSING BETWEEN INSUL AND SHEATHING BUILDING STRUCTURAL FRAMING COMPONENTS. THE FLASHING SHALL SEE MAIN FOUNDATION FOR DETAILS 36" IN HEIGHT, OPEN SIDES OF STAIRS WITH OF THE TREADS, SHALL BE PROVIDED ON 1:150 MIN ATTI A TOTAL RISE OF MORE THAN 30" ABOVE THE FLOOR AT LEAST ONE SIDE OF STAIRWAYS. EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH AND BE INSTALLED • MAXIMUM BACKFILL HIGHT 86" VENTILATION OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN ALL REQUIRED HANDRAILS SHALL BE TO PREVENT WATER FROM RE-ENTERING THE EXTERIOR WALL ENVELOPE. CHUTE 34" IN HEIGHT MEASURED VERTICALLY • FLASHING SHALL BE INSTALLED CONTINUOUSLY ABOVE ALL CONTINUOUS THE FULL LENGTH OF THE • 7" ENERGY HEEL PROJECTING WOOD TRIM. FROM THE MOSING OF THE TREADS. STAIRS WITH FOUR OR MORE RISERS FLOOR JOISTS • FLASHING SHALL BE INSTALLED AT WALL AND ROOF INTERSECTIONS. FROM A POINT DIRECTLY ABOVE THE GUARD OPENING LIMITATIONS. • EXTEND DRIP CAPS PAST THE END OF THE BRICK MOLD AND BEND OVER. LOWEST RISER OF THE FLIGHT. REQUIRED GUARDS ON OPEN SIDES OF STAIRWAYS, WHEN SCISSOR TRUSSES ARE USED • INSTALL KICK OUT FLASHING WHERE STEP FLASHING BEGINS. ENDS SHALL BE RETURNED OR TERMINATE RAISED FLOOR AREAS, BALCONIES AND PORCHES SHALL **CEILING:** THE GABLE END FRAME SHALL MATCH IN NEWEL POSTS OR SAFETY TERMINALS. HAVE INTERMEDIATE RAILS OR ORNAMENTAL CLOSURES • 5/8" SHFFT ROCK HANDRAILS ADJACENT TO A WALL SHALL THAT DO NOT ALLOW PASSAGE OF A SPHERE 4" IN DIA. THE PROFILE OF THE SCISSOR TRUSSES • O.1 PERM VAPOR BARRIOR HAVE A SPACE OF NOT LESS THAN 1.5" • EXCEPTION: ADJACENT TO IT FOR PROPER BOTTOM CHORD BETWEEN THE WALL AND THE HANDRAIL. BLOWN INSULATION MIN R-44 THE TRIANGULAR OPENINGS FORMED BY THE RISER, PLANE BRACING TO BE INSTALLEED TREAD AND BOTTOM RAIL OF A GUARD AT THE OPEN SIDE • EXCEPTIONS. OF A STAIRWAY ARE PERMITTED TO BE OF SUCH A SIZE HANDRAILS SHALL BE PERMITTED TO BE NOTED THAT A SPHERE 6" CANNOT PASS THROUGH. INTERUPTED BY A NEWEL POST AT A TUN. THE USE OF A VOLUTE, TURNOUT OR **GENERAL NOTES:** STARING EASING SHALL BE ALLOWED GARAGE WALL: ●90 MPH WIND LOAD OVER THE LOWEST TREAD. SHEATHING JOINTS SEE ELEVATION WHICH ARE NOT SIDING NOTED ON PLAN •FLR 40lb LL-10lb DL= 50 TL INVERT HANGERS ON RIM TO •TYVEK OR TYPAR HOUSE WRAP EXTERIOR WALL: SUPPORTED BY ●ROOF 35lb LL-17lb DL= 52 TL 8'1-1/ OTHERV JOISTS ONLY WHEN DECK LEDGERS •7/16" OSB WALL SHEATHING FRAMING MEMBERS info y of which ARE LOCATED ON CANTELIVER • SIDING NOTED ON ELEVATIONS • IRC R502.11.3 TRUSS MEMBERS AND COMPONENTS ●BFAM SFT BACK 3'-0" MUST BE CAULKED •2X4 STUDS 16" O.C. SHALL NOT BE CUT, NOTCHED, SPLICED OR TYVEK OR TYPAR HOUSE WRAP 3/4" T&G FLOORING P.I.I. 48/24 FOR EVERY 1'0" OF CANT ●2X4 TRTD BOTTOM PLATE OTHERWISE ALTERED IN ANY WAY WITHOUT TO UNDERSIDE OF TOP CHORD OF TRUSS OR RAFTER. •20 MIN. FIRE RATED DR. —◆SEALED 2x SOLID BLOCKING OR APPROVAL OF A REGISTERED DESIGN PROFESSIONAL •7/16" OSB. WALL SHEATHING 1" THERMAX FOAM TO MEET MIN. FLAME -SPREAD REQUIREMENTS BETWEEN JST.-BETWEEN GARAGE AND HOUSE • FOUNDATION - MIN 3000 P.S.I. AIR ENTRAINED CONC. •2X6 STUDS 16" O.C. • FOOTINGS- MIN 3000 P.S.I. ●5-1/2" F.F. INSULATION GARAGE FOUNDATION: • ALL PENETRATIONS INSTALLED • PLAIN CONCRETE- 2000 P.S.I. • 4 MÍL POLY PERM VAPOR BARRIER TAPED @ JOINTS THROUGH THE INTERIOR AIR BARRIOR • REROD- MIN GRADE 60 • 2X10 .60 TRTD FOOTING PLATE 1/2" SHFFT ROCK MUST BE SEALED PROIR TO THE • FOOTINGS TO BEAR ON ORIGINAL SOIL **CANTILEVER:** •2-2X12 HDRS ON ALL OPENINGS • 2X6 .60 TRTD BTM PLATE FRAMING INSPECTION • WOOD FRAMING 2X4, 2X6 STD #2 GRADE OR BETTER UNLESS OTHERWISE NOTED • 2X6 .60 TRTD WALL STUDS • PROVIDE WINDWASH BARRIER AT CANTILEVERED BRIDGING AT CENTERLINE OF SPANS. @ 24" O.C. SEE MAIN FLOORS AND BAY WINDOWS. PROVIDE SOLID BLOCKING AT FLOOR JSTS MAIN FOUNDATION FOR DETAILS BEARING POINTS, INTERIOR BEARING WALLS AND CANTELEVERED FLOOR JOISTS AS REQUIRED. 3/4" T&G FLOORING P.I.I. 48/24 • PROVIDE RIGID AIR BARRIER AT ALL PLUMBING AND R-5 MECHANICAL HEAT DUCT PENETRATIONS OF EXTERIOR WALLS, CEILINGS, AND FLOORS. •2X4 WALL 24" O.C. STUDS • 16"x16" PLUMBING ACCESS PANEL. SLAB SUPPORT NOT CONT PROVIDE A M.R. AIR BARRIER AT THE INSIDE SURFACE OF EXTERIOR ENVELOPE BEHIND ALL PENETRATIONS MUST TUB AND SHOWER UNITS. (1/2" AWW PLYWD.) STAIR SYSTEM: BE CAULKED • 6" MIN TOP OF ●4" MIN NET DEPTH DUROC OR 5/8" W.R. GYP. TO 72" WHEN FOUNDATION TO GRADE OF STAIR STRINGERS •3-2X12 STRINGERS D-FIR 4"SLAB & WHERE REQ. FLR. JST. SYS: • MIN. 6" SLOP OF GRADE •1X8 PINE RISERS AT CUT OUTS. A NOSING OF NOT • SHEATHING JOINTS WHICH ARE NOT SUPPORTED IN FIRST 10'-0" LESS THAN 3/4" OR •5/4X 10" PARTIAL BOARD TREADS • JOIST SIZE ON PLAN BY FRAMING MEMBERS MUST BE CAULKED. MORE THAN 1-1/4 OR 2X10 HEM FIR SECURED TO PROVIDE SOLID BLOCKING • ALL PENETRATIONS INSTALLED THROUGH THE INTERIOR /IS REQUIRED STRINGERS W/4-16d CC NAILS PER WDWS U. .34 AT 24" O.C. IN FIRST 3 AIR BARRIOR MUST BE SEALED PRIOR TO THE STRINGER. PROVIDE HANDRAIL 34"-38" HIGH R−9 → JOIST SPACES PARALLEL TO R. .61 STEEL SIDING FRAMING INSPECTION. 36" HIGH GUARDRAIL W/4" MAX OPENINGS. FOAM FOUNDATION WALL, WHERE .06 TYVEK • ADD 1/2" TO ALL WINDOW ROUGH OPENINGS FOR INSUL. 7-3/4" MAX RISE, 10" MIN RUN. 5/8" S.R. WALLS 5-7 FEET OF WELL DRAINED .54 7/16" STRUCT. PANEL • MINIMUM BSMNT CEILING HGTS. 7'0" MIN. 6'6" UNDER BM. AND SOFFIT OF ENCLOSED UNUSEABLE UNDERSTAIRS SOIL. PROVIDE BRIDGING AS (R. 9.44) 2x6 STUDS WALKOUT FOUNDATION: WINDOWS AND DOORS ARE TO BE SEALED TO PREVENT 6'-8" MIN HEADROOM. REQUIRED. THE ENTRY OF OUTSIDE AIR. SEE MFG'S INSTALLATION. 1" FOAM R. 19.00 5-1/2" F.G. INSUL. \otimes •2X10 .60 TRTD FOOTING PLATE •1/2" AC PLYWOOD SECURED TO DBL BEARING WALL: FOUND. DRAINAGE IRC SEC. R401.3: .06 6 MIL. POLY V.B. • 2X6.60 TRTDBOTTOM PLATE #1 STAIR HEADER W/4-8d CC NAILS 88888 .45 1/2" GYP. BD. •2X6 .60 TRTD WALL 16" O.C • 2X10 60 TRTD FTG PLATE • EXCEPTION: WHERE LOT LINES, WALLS, SLOPES .85 AIR FILMS • SEE MAIN FOUNATION FOR PLYWOOD W/4-16d CC NAILS PER STRINGER. ●2X4 TRTD BOTTOM PLATE OR OTHER PHYSICAL BARRIERS PROHIBIT 6" OF R. 21.57 TOTAL WALL DETAILS •2X4 STUDS 16" O.C. FALL WITHIN 10 FT. DRAINS OR SWALES SHALL PROVIDE BRIDGING AS REQ. R. .61 STEEL SIDING BE PROVIDED TO ENSURE DRAINAGE AWAY FROM .06 TYVEK THE STRUCTURE. IRC SEC. R401.3 \searrow CONST 1.89 BAND JST. • 6" MIN TOP OF FIREBLOCKING AND DRAFTSTOPS: R. 5.00 1" EXTRUDED SOLID FILL FOUNDATION TO GRADE THIS CRS WHEN POLYSTYRENE • MIN. 6" SLOP OF GRADE • PROVIDE IN CONCEALED SPACES OF STUD WALLS 3/4" TO 1-1/4" •1" THERMAL BLOCK IS OFFSET RIDGI SHEATHING \sim IN FIRST 10'-0" •4" CONC SLAB 3000 P.S.I. MIN NOSING REQUÍRED AND PARTITIONS INCLUDING FURRED SPACES AT EXPANSION JOINT 85 AIR FILMS •IRC SEC. R506.2.3 CEILINGS AND FLOOR VEVELS AT 10' INTERVALS R. 8.41 TOTAL BAND JOIST • 6" MIN TOP OF W/ 6 MIL POLY OR 1-1/2" CERTIFOAM IF SUMP BASKET IS BOTH VERTICAL AND HORIZONTAL. FOUNDATION TO GRADE BETWEEN SAND & SLAB (POLY 12" MIN. LAP) PROVIDED THE COVER \$HALL BE SEALED /LENN R. 19.00 5-1/2" F.G. INSUL. • MIN. 6" SLOP OF GRADE STATE OF THE PARTY RADON VENT: R. 10.00 2" ÉXTRUDED IN FIRST 10'-0" POLYSTYRENE HOLLOW BLK FOUNDTION WALLS SHALL BE CONSTRUCTED SHEATHING WITH EITHER A CONT. CRS OF SOLID MASONRY, OR 1 CRS 1/4"TO 2" AGGREGATE BASE .06 TYVEK ATUI MASORY GROUTED SOLID, OR SOLID CONC BM, AT OR ABOVE .54 7/16" STRUCT. PANEL 4" THICK FINISHED GRADE TO PREVENT PASSAGE OF AIR FROM INTERIOR LANDINGS: BIG • 4" DRAIN TILE OF THE WALL INTO LIVING SPACE. WHERE BRCIK LEDGE IS WALKOUT FOUNDATION: MAIN FOUNDATION: R. 30.45 TOTAL FLOOR •THERE SHALL BE A FLR. OR LANDING AT THE TOP AND BOTTOM OF EACH STAIRWAY. INSTALLED. THE CRS IMMEDIATLY BELOW THAT LEDGE SHALL BE \geq • 2X10 .60 TRTD FTG PLATE •20"X 10" CONT FOOTING SEALED. JOINTS CRACKS, OR OTHER OPENINGS AROUND • EXCEPTION: AT THE TOP OF AN INTERIOR FLIGHT PENETRATIONS OF BOTH EXTERIOR AND INTERIOR SURFACES • 2X6 .60 TRTD BOTTOM PLATE • W/ 2-1/2" REROD CONT. (OPTIONAL) R. 19.00 5-1/2" F.G. INSUL. OF MASONARY WALL. WOOD FOUNDATION WALLS BELOW GRADE SURFACE SHALL BE FILLED WITH POLYURETHANE CAULK • 2X6 .60 TRTD WALL 16"O.C. STUDS OF STAIRS, PROVIDED A DOOR DOES NOT SWING • 6-CRS 8" CONC BLOCK R. 13.00 3-1/2" F.G. INSUL. •19/32" .60 TRTD PLY NAILED W/ OVER THE STAIRS. • 1-CRS 4"X6"X16"CONC BLOCK .06 TYVÉK MIN 3" ABS.PVC.OR EQUIVALAENT GASTIGHT PIPE SHALL BE •THERE SHALL BE A FLOOR OR LANDING ON EACH FOAM SAINLESS STEEL NAILS • #4 REROD 48" O.C. VERTICAL EMBEDDED VERTICALLY INTO SUB SLAB AGGREGATED OR OTHER PERMIABLE MATERIAL, A "T" FITTING WITH ONE 10" SECTION .54 7/16" STRUCT. PANEL • GLUED AND CAULKED AT SEAMS SIDE OF EACH EXTERIOR DOOR. THE FLOOR OF B.B • 1/2"X10" ANCHOR BOLT 48" O.C. .85 AİR FILMS LANDING AT A DOOR SHALL NOT BE MORE THAN 1.5" OF PERFORATED PIPE CONNECTED TOEACH SIDE OF "T", OR 3" PIPE SHALL BE INSERTED INTO INTERIOR PERIMETER DRAIN R. 33.45 TOTAL FLOOR IN COMMON FULLY GROUTED CORES. 607-20-23 • 20"X8" GRAVEL FOOTING LOWER THAN THE TOP OF THE THRESHOLD. • 2X6 TRTD SILL PLATE R. .54 19/32" TRTD PLY · EXCEPTION: AN EXTERIOR DR. SHALL NOT BE MORE TILE LOOP OR THROUGH A SEALED SUMP COVER, WHERE THE • 6" SILL SEAL • PLY FACE GRAIN ACROSS STUDS SUMP THE SUMP IS EXPOSED TO THE SUB-SLAB AGGREGATE (R. 9.44) 2x6 STUDS THAN 7-3/4" BELOW THE TOP OF THE THRESHOLD, MIN 40 BAR DIA. LAP ALL VERTICAL REINFORCEMENT MAXIMUM BACKFILL HIGHT 48" RADON VENTS SHALL CONNECT TO SINGLE PIPE THAT TERMINATES AT LEAST 12" ABOVE ROOF. RADON PIPES SHALL PROVIDE ENOUGH SPACE AROUND PIPE PROVIDED THE DOOR, OTHER THAN AN EXTERIOR **©** 16" O.C. JOB NUM. 2313747 VERTICAL REINFORCEMENT R. 19.00 5-1/2" F.G. INSUL. STORM OR SCREEN DR. DOES NOT SWING OVER THE LANDING. THE WIDTH OF LANDING SHALL NOT BE LESS .06 6 MIL. POLY V.B. FOR FUTURE 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 NOTED THAN THE STAIRWAY OR DR. SERVED. MIN. 36" IN THE .45 1/2" GYP. BD. DIRECTION OF TRAVEL. R. .85 AÍR FILMS R. 21.57 TOTAL FOUNDATION EACH FLOOR, LABEL SHALL READ(RADON REDUCTION SYSTEM) 1/4"=1'0" 18x24