

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

PROGRESSIVE PLAN
DESIGN LLP

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BIG/LENN CONST.
HAYFIELD SPLIT

 $\begin{array}{c} \text{DRAWN BY:} \\ \text{R.H.} \\ \text{DATE:} \\ 5/2/22 \\ \text{SQ. FT.} \\ \\ \text{JOB NUM.} \\ 2213170 \\ \end{array}$

JOB NUM. 2213170
SCALE: NOTED
SHEET:

1/4"=1'0" 18x24

PLAN PROGRESSIVE DESIGN L

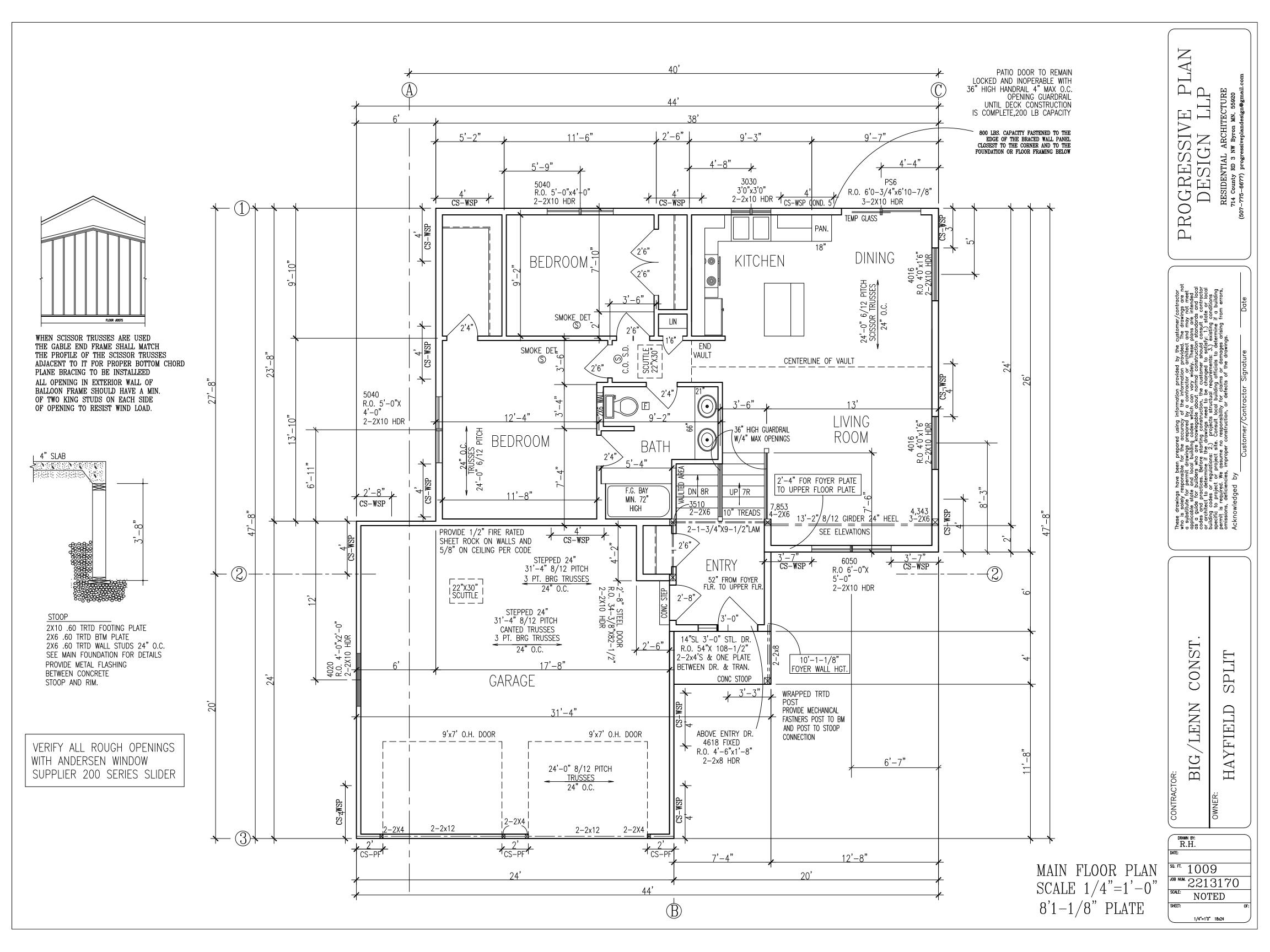
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DRAWN BY: R.H.

SQ. FT. 974

JOB NUM. 2213170

SCALE: NOTED



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 MÖPPED AT PLIES FROM EAVES TO A POINT 24" INSIDE EXTERIOR WALL. 1 LAYER ON REMAINING. •25 YEAR 3 TAB ASPHALT SHINGLES PROVIDE STEEL SUPPLIMENTAL 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 CHTUES 48" O.C.

GUARDRAILS • 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.

BETWEEN THE WALL AND THE HANDRAIL. THE TRIANGULAR OPENINGS FORMED BY THE RISER, TREAD AND BOTTOM RAIL OF A GUARD AT THE OPEN SIDE • EXCEPTIONS. 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 3000 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 CANTELEVERED 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

AIR BARRIOR MUST BE SEALED PRIOR TO THE

• WINDOWS AND DOORS ARE TO BE SEALED TO PREVENT THE ENTRY OF OUTSIDE AIR. SEE MFG'S INSTALLATION.

• EXCEPTION: WHERE LOT LINES, WALLS, SLOPES OR OTHER PHYSICAL BARRIERS PROHIBIT 6" OF FALL WITHIN 10 FT. DRAINS OR SWALES SHALL THE STRUCTURE.

FIREBLOCKING AND DRAFTSTOPS:

• PROVIDE IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILINGS AND FLOOR VEVELS AT 10' INTERVALS

HOLLOW BLK FOUNDTION WALLS SHALL BE CONSTRUCTED WITH EITHER A CONT. CRS OF SOLID MASONRY, OR 1 CRS MASORY 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 BRCIK LEDGE IS INSTALLED, THE CRS IMMEDIATLY BELOW THAT LEDGE SHALL BE SEALED. JOINTS CRACKS, OR OTHER OPENINGS AROUND PENETRATIONS OF BOTH EXTERIOR AND INTERIOR SURFACES OF MASONARY WALL. WOOD FOUNDATION WALS BELOW GRADE SURFACE SHALL BE FILLED WITH POLYURETHANE CAULK MIN 3" ABS, PVC, OR EQUIVALAENT GASTIGHT PIPE W/R-4 INSUL IN ALL UN-CONDITIONED AREA'S WHERE THE VENT PIPE IS F PERFORATED PIPE CONNECTED TO EACH SIDE OF "7", OR '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 WTH ONE LABEL ON EACH FLOOR, LABEL SHALL READ(RADON REDUCTION SYSTEM)

TEMPERED GLASS

GREATER THAN 9 SQ. FT.

ENG. PRODUCTS

DESIGN PROFESSIONAL.

• 7.1 EXPOSED AREA OF AN INDIVIDUAL PANE

• 7.4 ONE OR MORE WALKING SURFACES WITHIN

36" HORIZONTALLY OF THE GLAZING.

• 7.2 BOTTOM EDGE LESS THAN 18" ABOVE THE FLOOR.

• 7.3 TOP EDGE GREATER THAN 36" ABOVE THE FLOOR.

•TRUSS MEMBERS AND COMPONENTS SHALL NOT BE CUT,

NOTCHED SPLICED OR OTHERWISE ALTERED IN ANY WAY

WITHOUT THE APPROVAL OF A REGISTERED REGISTERED

FOAM PLASTIC • GLAZING, IN AN INDIVIDUAL FIXED OR OPERABLE • SILL PLATES & HEADERS. FOAM PLASTIC SHALL BE PERMITTED TO BE SPRAY PANEL ADJACENT TO A DOOR WHERE THE NEAREST APPLIED (WITHOUT THERMAL BARRIER) TO A SILL PLATE AND HEADER (RIM) VERTICAL EDGE IS WITHIN A 24" ARC OF THE DOOR SUBJECT TO ALL OF THE FOLLOWING. AND IS LESS THAN 60" ABOVE THE FLOOR OR WALKING • THE MAXIMUM THICKNESS OF THE FOAM PLASTIC SHALL BE 3-1/4 SURFACE. GLAZING IN AN INDIVIDUAL FIXED OR

• THE DENSITY OF THE FOAM SHALL BE BETWEEN 1.5 TO 2.0 PCF. OPERABLE PANEL, OTHER THAN THOSE LOCATIONS • FLAME SPREAD INDEX OF 25 OR LESS AND A SMOKE DEVELOPED INDEX DESCRIBED IN ITEM 5 AND 6 ABOVE, THAT MEETS OF 450 OR LESS WHEN TESTED IN ACCORDANCE WITH ASTM E84 ALL OF THE FOLLOWING CONDITIONS

FOAM PROTECTION

• 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.

• BLOWN INSULATION MIN R-49

SHEATHING JOINTS

WHICH ARE NOT

FRAMING MEMBERS

MUST BE CAULKED

FRAMING INSPECTION

ALL PENETRATIONS MUST

REQUIRED.

FOOTING

4" CONC SLAB 3000 P.S.I. MIN

W/ 6 MIL POLY BETWEEN AGGREGATE

7 AGGREGATE BASE \$

4" THICK

& SLAB (POLY 12" MIN. LAP AND UP WALL)

IRC SEC. R506.2.3

FLR. JST. SYS:

PROVIDE SOLID BLOCKING

JOIST SPACES PARALLEL TO

FOUNDATION WALL, WHERE

5-7 FEET OF WELL DRAINED

SOIL. PROVIDE BRIDGING AS

AT 24" O.C. IN FIRST 3

BEARING WALL:

•20"X 10" CONT. CONC.

•1-CRS 4"X4"X16" CONC BLK.

1/2"X 10" ANCOR BOLT

72" O.C. 7" EMBEDMENT

•2X4 TRTD BOTTOM PLATE

PROVIDE BRIDGING AS REQ.

•2X4 STUDS 16" O.C.

• JOIST SIZE ON PLAN

BE CAULKED

• ALL PENETRATIONS INSTALLED

THROUGH THE INTERIOR AIR BARRIOR

MUST BE SEALED PROIR TO THE

3/4" T&G FLOORING P.I.I. 48/24

STAIR SYSTEM:

•6'-8" MIN HEADROOM.

• 1X8 PINE RISERS

•3-2X12 STRINGERS D-FIR

•5/4X 10" PARTIAL BOARD TREADS

OR 2X10 HEM FIR SECURED TO

STRINGERS W/4-16d CC NAILS PER

• 1/2" AC PLYWOOD SECURED TO DBL

STAIR HEADER W/4-8d CC NAILS

PER STRINGER, STRINGERS SECURED TO

3/4" TO 1-1/4"

NOSING REQUIRED

FOR STEPS LESS

PLYWOOD W/4-16d CC NAILS PER STRINGER.

> <

AND BOTTOM OF EACH STAIRWAY.

•THERE SHALL BE A FLR. OR LANDING AT THE TOP

· EXCEPTION: AT THE TOP OF AN INTERIOR FLIGHT

OF STAIRS, PROVIDED A DOOR DOES NOT SWING

•THERE SHALL BE A FLOOR OR LANDING ON EACH

SIDE OF EACH EXTERIOR DOOR. THE FLOOR OF

LOWER THAN THE TOP OF THE THRESHOLD.

LANDING AT A DOOR SHALL NOT BE MORE THAN 1.5"

• EXCEPTION: AN EXTERIOR DR. SHALL NOT BE MORE

PROVIDED THE DOOR, OTHER THAN AN EXTERIOR

THAN 7-3/4" BELOW THE TOP OF THE THRESHOLD,

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

LANDINGS I

OVER THE STAIRS.

DIRECTION OF TRAVEL.

STRINGER. PROVIDE HANDRAIL 34"-38" HIGH

7-3/4" MAX RISE, 10" MIN RUN. 5/8" S.R. WALLS

AND SOFFIT OF ENCLOSED UNUSEABLE UNDERSTAIRS.

36" HIGH GUARDRAIL W/4" MAX OPENINGS.

SUPPORTED BY

N | S

MIN. R20 RIM INSUL.

NOTE:

NOTE:

1:150 MIN ATTIC

VENTILATION

HANDRAILS WINDWASH BARRIER: PROVIDE TYPE 1 OR TYPE 2 HANDAIL • AT EXTERIOR EDGE OF ATTIC HANDRAILS HAVING MINIMUM AND MAXIMUM INSULATION. A MINIMUM OF HEIGHTS OF 34" AND 38", RESPECTIVELY, ELEVATION OF AIR SPACE SHALL BE PROVIDED MEASURED VERTICALLY FROM THE NOSING BETWEEN INSUL AND SHEATHING. OF THE TREADS, SHALL BE PROVIDED ON AT LEAST ONE SIDE OF STAIRWAYS. ALL REQUIRED HANDRAILS SHALL BE CHUTE CONTINUOUS THE FULL LENGTH OF THE • 7" ENERGY HEEL STAIRS WITH FOUR OR MORE RISERS FROM A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. ENDS SHALL BE RETURNED OR TERMINATE **CEILING:** IN NEWEL POSTS OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL • 5/8" SHEET ROCK HAVE A SPACE OF NOT LESS THAN 1.5" • O.1 PERM VAPOR BARRIOR

•6" MIN TOP OF

FOUNDATION

• MIN. 6" SLOP

IN FIRST 10'-0"

• 4" DRAIN TILE

FULL BSMNT. FOUNDATION:

2X8 .60 TRTD WALL STUDS 12" O.C

19/32" .60 TRTD CDX PLY NAILED W/

2X10 .60 TRTD FOOTING PLATE

GLUED AND CAULKED AT SEAMS

PLY FACE GRAIN ACROSS STUDS

MAXIMUM BACKFILL HIGHT 86"

2X8 .60 TRTD BOTTOM PLATE

SAINLESS STEEL NAILS

20"X8" GRAVEL FOOTING

6 MIL POLY

TO GRADE

OF GRADE

HANDRAILS SHALL BE PERMITTED TO BE INTERUPTED BY A NEWEL POST AT A TUN. THE USE OF A VOLUTE, TURNOUT OR

STARING 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

• 4 MÍL POLY PERM VAPOR BARRIER TAPED @ JOINTS

•1/2" SHEET ROCK

•2-2X12 HDRS ON ALL OPENINGS

UNLESS OTHERWISE NOTED.

R. .54 19/32" TRTD PLY

R. 19.00 5-1/2" F.G. INSUL

.45 1/2" GYP. BD.

R. .85 AÍR FILMS R. 21.57 TOTAL FOUNDATION

R. .54 19/32" TRTD PLY

R. 25.00 8" F.G. INSUL.

@ 16" Ó.C.

.06 6 MIL. POLY V.B.

.45 1/2" GYP. BD.

R. 27.57 TOTAL FOUNDATION

@ 16" O.C.

.06 6 MIL. POLY V.B.

(R. 9.44) 2x6 STUDS

(R. 9.44) 2x6 STUDS

BY FRAMING MEMBERS MUST BE CAULKED. • ALL PENETRATIONS INSTALLED THROUGH THE INTERIOR

• ADD 1/2" TO ALL WINDOW ROUGH OPENINGS FOR INSUL. MINIMUM BSMNT CEILING HGTS. 7'0" MIN. 6'6" UNDER BM.

FOUND. DRAINAGE

BE PROVIDED TO ENSURE DRAINAGE AWAY FROM

BOTH VERTICAL AND HORIZONTAL.

RADON REDUCTION SYSTEM:

SHALL BE EMBEDDED VERTICALLY INTO SUB SLAB AGGREGATED OR OTHER PERMIABLE MATERIAL, A "T" FITTING WITH ONE 10" SECTION

RADON VENT: HOLLOW BLK FOUNDTION WALLS SHALL BE CONSTRUCTED WITH EITHER A CONT. CRS OF SOLID MASONRY, OR 1 CRS MASORY 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 IMMEDIATLY BELOW THAT LEDGE SHALL BE SEALED. JOINTS CRACKS, OR OTHER OPENINGS AROUND PENETRATIONS OF BOTH EXTERIOR AND INTERIOR SURFACES OF MASONARY WALL. WOOD FOUNDATION WALS BELOW GRADE SURFACE SHALL BE FILLED WITH POLYURETHANE CAULK MIN 3" ABS,PVC,OR EQUIVALAENT GASTIGHT PIPE SHALL 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 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 READ(RADON REDUCTION SYSTEM)

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.

AIR SPACE OR MORTARED SPACE STUCCO: • PROVIDE 2 LAYERS CLASS "D" PAPER WHEN STUCCO IS USED. FLASHING AND 3/16"DIA WEEPHOLES 33" O.C. ABOVE FLASHING • WEEPHOLES MUST BE ABOVE GRADE/FLASHING. BRICK LEDGE:

4" MIN NET DEPTH

OF STAIR STRINGERS

AT CUT OUTS.

2.67 SQ. FT. OF BRICK

•2X4 STUDS 16" O.C. •2X4 TRTD BOTTOM PLATE 24" O.C. HORIZONTAL •20 MIN. FIRE RATED DR. • MUST USE 15# FELT BETWEEN GARAGE AND HOUSE OR TYVEK OVËR WALL

EMERGENCY ESCAPE WINDOWS:

THAN 44" ABOVE OR BELOW GROUND LEVEL.

MINNESOTA RULES, 1309.0310, SEC. R310.1

MIN 36" CLEAR SPACE IN FRONT OF WINDOW

WINDOW IN THE FULLY OPEN POSITION.

FULL HEIGHT OF THE WINDOW WELL.

MAXIMUM OF 6 INCHES.

• 5 SQ. FT. MIN. 20" WIDE, MIN. 24" HIGH CLEAR OPENING.

DEFINED AS THE WINDOW HAVING A SILL HGT. OF NOT MORE

MIN. CEILING HGT. 36" MAINTAINED ABOVE EXTERIOR GRADE

• 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

THE LADDER OR STAIRS SHALL BE PERMITTED TO ENCROACH A

LADDERS OR RUNGS SHALL HAVE AN INSIDE WIDTH OF AT LEAST 12"

KNEE WALL:

• 6 MIL POLY

• 2X10 .60 TRTD FTG PLATE

SAÍNLESS STEEL NAILS

• 20"X8" GRAVEL FOOTING

• 2X6 .60 TRTD BOTTOM PLATE

• 2X6 .60 TRTD WALL 16"O.C. STUDS

GLUED AND CAULKED AT SEAMS

• PLY FACE GRAIN ACROSS STUDS

MAXIMUM BACKFILL HIGHT 48"

• 19/32" .60 TRTD CDX PLY NAILED W/

AND SHALL PROJECT AT LEAST 3" FROM THE WALL AND SHALL BE

SPACED NOT MORE THAN 18" ON CENTER VERTICALLY FOR THE

FROM EXTERIOR WALL TO PUBLIC WAY (I.E. UNDER DECKS OR CANT.)

WINDOWS PERMITTED AT GRADE LEVEL. GRADE LEVEL IS

AND WINDOW WELL SPECS.

 SHEATHING BEHIND BRICK • 2X4 .60 TRTD

MIN. R20 RIM INSUL

A NOSING OF NOT

MORF THAN 1-1/4'

/IS REQUIRED

LESS THAN 3/4" OR

GARAGE FOUNDATION: WALL FOR BRICK LEDGE

• 2X10 .60 TRTD FOOTING PLATE • 2X6 .60 TRTD BTM PLATE • 2X6 .60 TRTD WALL STUDS @ 24" O.C. SEE MAIN

GARAGE WALL:

SIDING NOTED ON PLAN

•TYVEK OR TYPAR HOUSE WRAP

• 7/16" OSB WALL SHEATHING

MAIN FOUNDATION FOR DETAILS

4"SLAB

R-10 -

FOAM

WALKOUT FOUNDATION:

•2X10 .60 TRTD FOOTING PLATE

• 2X6.60 TRTDBOTTOM PLATE

• SEE MAIN FOUNATION FOR

DETAILS

•2X6 .60 TRTD WALL 16" O.C.

• 2X4 WALL 24" O.C. STUDS SLAB SUPPORT NOT CONT

WHEN SCISSOR TRUSSES ARE USED

SEE ELEVATION

THE GABLE END FRAME SHALL MATCH THE PROFILE OF THE SCISSOR TRUSSES PLANE BRACING TO BE INSTALLEED

ADJACENT TO IT FOR PROPER BOTTOM CHORD

SOLID FILL THIS CRS WHEN •1" THERMAL BLOCK IS OFFSET EXPANSION JOINT • 6" MIN TOP OF FOUNDATION TO GRADE • 6" MIN TOP OF • MIN. 6" SLOP OF GRADE FOUNDATION TO GRADE IN FIRST 10'-0" MIN. 6" SLOP OF GRADE IN FIRST 10'-0"

FOAM

WALKOUT FOUNDATION: • 20"X 10" CONT FOOTING • W/ 2-1/2" REROD CONT. (OPTIONAL) • 6-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.

VERTICAL REINFORCEMENT

• 2X6 TRTD SILL PLATE
• 6" SILL SEAL
• MIN 40 BAR DIA. LAP ALL
VERTICAL PEINEOPOEMENT

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IRC SEC. R401.3

FOUNDATION TO GRADE

• MIN. 6" SLOP OF GRADE

•6" MIN TOP OF

IN FIRST 10'-0"

MIN. R20 RIM INSUL.

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R.H.

NOTED

1/4"=1'0" 18x24

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SQ. FT JOB NUM. 2213170

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DRAWN BY: R.H.

JOB NUM. 2213170 NOTED

1/4"=1'0" 18x24

4"SLAB

2X10 .60 TRTD FOOTING PLATE 2X6 .60 TRTD BTM PLATE PROVIDE METAL FLASHING BETWEEN CONCRETE

REQUIRED PROVIDED BRACING LENFTH (FEET)

12'-0"

14'-4'

6'-0"

5.49'

5.49

3.83

NUMBER BRACED

LINES

1.3

1.3

1.3

0.90

0.90

0.95

2X6 .60 TRTD WALL STUDS 24" O.C. SEE MAIN FOUNDATION FOR DETAILS STOOP AND RIM.

BRACED PANEL LENGTH TABLE BASED ON WIND SPEED (<90mph) BRACED REQUIRED BRACING FACTOR EAVE HIGHT SPACING LENGTH (FEET) CONDITION TOTAL TOTAL REQUIRED PROVIDED BRACING BRACING LENFTH LENGTH METHOD TABLE BRACED WALL LINES 42 FT. | 6.3' 1.3 7.37' | 20'-0' CS-WSP 1.0 1.0 0.90 CS-WSP 26 FT. | 4.4' 1.0 0.90 1.3 12'-0" 42 FT. | 6.3' 1.0 0.90 7.37 CS-WSP

BRACED REQUIRED EXPOSURE ROOF TO WALL LINE BRACING FACTOR EAVE HIGHT CONDITION TOTAL TOTAL

1.0

1.0

1.0

1.0

LENGTH (FEET)

28 FT. 4.7'

17 FT. 3.1

FLOOR JOISTS

DISCRIPTION:

BRACED

MAIN FLOOR

BRACED PANEL LENGTH TABLE

BRACING METHOD TABLE

CS-WSP

CS-WSP

CS-WSP

DISCRIPTION:

BASED ON WIND SPEED (<90mph)

MAIN FLOOR

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 ALL OPENING IN EXTERIOR WALL OF BALLOON FRAME SHOULD HAVE A MIN. OF TWO KING STUDS ON EACH SIDE OF OPENING TO RESIST WIND LOAD.

1. ALL WALLS SHALL BE CONTINUOUSLY SHEATHED WITH WOOD STRUCTURAL PANELS 2. CS-WSP ON PLANS INDICATE AREAS OF BRACED 3. BRACED PANELS SHALL BE CONSTRUCTED WITH 16" O.C. STUDS. TOP PLATE FASTENED TO SOLID FRAMING WITH 8d NAILS 6" O.C. BOTTOM PLATES FASTENED TO SOLID FRAMING W/ 3-16d NAILS 16"0.C. 7/16" OSB SHEATHING (24/16 INDEX) FASTENED W/ 8d COMMON NAILS 6"O.C. ON EDGES AND 12" O.C. IN FIELD. SOLID BLOCKING BETWEEN TRUSSES WITH HEEL GREATER

WALL BRACING NOTES: CS-WSP

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.

GB INTERIIOR BRACED WALL PLATE FASTENED TO FLOOR W/3-16d NAILS @ 16" O.C. FULL HEIGHT BLOCKING 16" O.C. 3-8d NAILS EACH BLOCK 7" SCREWED GRID ON ROCK

