### R303: LIGHT VENTILATION AND HEATING

### R303.1: HABITABLE ROOMS

R303.1: RABITABLE ROUNS
HABITABLE ROOMS SHALL HAVE AN AGGREGATE GLAZING AREA OF NOT LESS
THAN 8 PERCENT OF THE FLOOR AREA OF SUCH ROOMS, NATURAL VENTILATION THAN S PERCENT OF THE FLOOR READ SUCH KNOWS, NATURAL VENTURATION, SHALL BET HEROUGH WINDOWS, SKYLIGHTS, DOORS, LOVERS OR OTHER APPROVED OPENINGS TO THE OUTDOOR ARE, SUCH OPENINGS SHALL BE PROVIDED WITH READY ACCESS OR SHALL OFFENINGS BE READ! CONTROLLABLE BY THE BUILD. ING OCCUPANTS, THE OPENINGE AREA TO THE OUTDOORS SHALL BE NOT LESS THAN A PERCENT OF THE FLOOR APEA BEING OUTDOORS SHALL BE NOT LESS THAN A PERCENT OF THE FLOOR APEA BEING. VENTILATED.

- 1. THE GLAZED AREAS NEED NOT BE OPENABLE WHERE THE OPENING IS NOT
- 1. HIE GLAZED ARKSEN SEED HOT HE OF SMALE WHERE THE OFF MINISTRUM.

  STEEL BENTALLED HOW OWN MINISTRUM.

  2. THE GLAZED ARKSEN HE SHOW OWN SHIP SECRETARY.

  2. THE GLAZED ARKSEN NEED NOT BE INSTALLED IN ROOMS WHERE EXCEPTION IS SATISFEED AND ARTHIFIALL LIGHT. IS PROUDED THAT SCAPPILE OF PRODUCING AN ARKNORE LILLIMANTION OF B FOOTOMALES (SE LING) OVER THE ARKSEN OF THE ROOMS AT HERDET OF 30 NOTES (22 MM) ABOVE THE FLOOR LEVEL
- 3. USE OF SUNROOM AND PATIO COVERS AS DEFINED IN SECTION R202, SHALL N, USE OF SUMPOUND AND PAID COVERS, AS DEMINED IN SECTION ROOS, SHALL BEPERMITTED FOR NATURAL VENTILATION IF IN EXCESS OF 40 PERCENT OF THE EXTENIOR SUMPOOM WALLS ARE OPEN, OR ARE ENCLOSED ONLY BY INSECT SCREENING.

## R303.3: BATHROOMS

MECHANICAL VENTILATION IN ACCORDANCE WITH SECTION M4507 IS REQUIRED FOR ALL BATHROOMS WITH A SHOWER OR BATHTUB AND ROOMS WITH A TOILET.

### R310: EMERGENCY ESCAPE AND RESCUE OPENINGS

R310.1: EMERGENCY ESCAPE AND RESCUE REQUIRED BASEMENTS, HABITABLE ATTICS AND EVERY SLEEPING ROOM SHALL HAVE NOT BASISHEN ONE OPERABLE BIMPROPERIOR SECRETARIO RESCUE OPENNO, WHERE ASSISTED OF THE OPENNO OPENNO, WHERE ASSISTED OPENNO O

EXCEPTION: 1.STORM SHELTERS AND BASEMENTS USED ONLY TO HOUSE MECHANICAL EQUIPMENT NOT EXCEEDING A TOTAL FLOOR AREA OF 200 SQUARE FEET (18,58

R30.1. IMMUNU OPENING AREA ENERGENCY SEAPE AND RESOUR OPENINGS SHALL BE OPENATIONAL FROM THE RISIDE OF THE ROOM WITHOUT THE LISE OF KETS, TOOLS OR SPECIAL KNOWLEDGE, WINDOW OPENING CONTING LEBENES BOMELYING WITH ASTIM 200 SHALL BE PETRATTEED FOR USE ON WINDOWN SERVING AS A REQUIRED EMPRICINATY SEAPE AND RESOUR OPENING.

EMERGENICY ESCAPE AND RESOUR OFFENING.

BUILD: EMERGENICY PEOPER AND RESOUR OFFENINGS SHALL HAVE MINIMUM
DIMENSIONS AS SPECIFIED IN THIS SECTION.

BUILD: LIMMNAIN OFFENING AREA EMERGENICY AND ESCAPE RESCUE
BUILD: LIMMNAIN OFFENING AREA EMERGENICY AND ESCAPE RESCUE
OFFENINGS SHALL HAVE A MET CLEAR OFFENING OF NOT LESS THAN 37 SOURCE
FEET (1,530 N) CE, THE HEY CLEAR OFFENING MISSISSON SEQUIRED BY THAS
SECTIONS HALL BE OBTAINED BY THE NORMAL OFFENING OF THE EMERGENICY
SECTION SHALL BE OBTAINED BY THE NORMAL OFFENING OF THE BUILDERS OFFENING
SECTION SHALL BE OBTAINED BY THE NORMAL OFFENING OF THE BUILDERS OFFENING
SECTION SHALL BE OBTAINED BY THE NORMAL OFFENING OF THE SUBREGUENCY
SECTION SHALL BE OBTAINED. OPENING SHALL BE NOT LESS THAN 24 INCHES (610 MM) AND THE NET CLEAR. WIDTH SHALL BE NOT LESS THAN 20 INCHES (508 MM).

- WIDTH SHALL SHOUT LESS THAN 20 NORES (500 MM).

  FOR THE OFFICE OF SHELDH SHAPE OFFININGS SHALL HAVE A NET CLEAR
  OPENING OF NOT LESS THAN 5 SOLARE FEET (NAS MA).

  SHALL HAVE A NORTH SHAPE SHALL HAVE A NORMAN MET
  CLEAR OFFINING OF 3 SOLARE FEET (IGST MA). IN SUCH CASES, THE MINIMAN
  HET CLEAR OFFINING CHARACHOST SHALL BROWN DIVISION STATE OFFINING THE SHAPE AND THE S (610 MM) IN EITHER DIRECTION.

# R311: MEANS OF EGRESS

B311.1: MEANS OF EGRESS

DMELING UNITS ABLL BE PROVIDED WITH A PRIMARY AND SECONDARY MEANS
OF EGRESS IN ACCORDANCE WITH THIS SECTION. EACH MEANS OF EGRESS
SHALL PROVIDE A CONTINUOUS AND UNOBSTRUCTED PATH OF VERTICAL AND HORIZONTAL EGRESS TRAVELEROM ALL PORTIONS OF THE DWELLING TO THE HORQUIVILE ESPRESS HOWEL FROM ALL PORTIONS OF THE DVIBLING TO THE CORES DOORS. THE PRIMARY HANG OF GERESS SHALL NOT REQUIRE TRAVEL. THROUGH A GARAGE, BUT THE SECONDARY MEANS OF EGRESS MAY, THE REQUIRED REGRESS DOORS SHALL OPEN DIRECTLY INTO A PUBLIC WAY, OR TO A WARD OR COURT THAT OPENS TO A PUBLIC WAY.

NOTES:

1. IN MULTILEVEL DWELLINGS INCLUDING, BUT NOT LIMITED TO TOWNHOUSES. SPUT-LEVEL AND RAISED RANCH STYLE
LAYOUTS, THE TWO SEPARATE EGRESS DOORS MAY BE LOCATED ON DIFFERENT

LEVELS. 2. WHERE SITE TO POGRAPHY PREVENTS DIRECT ACCESS AT TWO REMOTE LOCATIONS TO GRADE FROM THE NORMAL LEVEL OF ENTRY, THE TWO SEPARATE EGRESS DOORS MAY BE LOCATED ON DIFFERENT LEVELS.

R311.2: EGRESS DOORS A PRIMARY AND SECONDARY EGRESS DOOR SHALL BE PROVIDED FOR EACH. AFRIMAY MOJ SECONDAY EGRESS DOOR SHALL BE PROVIDED FOR EACH DOMELLING NUM AND SHALL BE ASPOINTES A SYSSIES REFORM EACH OTHER THE FRAMAY CORESS DOOR SHALL BE SIDE-INVECTO AND SHALL REFORDER A CLEAR WIDTH OF TOTIESS THAN 25 MOVES (SIT MAN MERSE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP WITH THE DOOR OPEN SO GRESS DOOR SHALL BE SIDE-INVECTOR GRESS DOOR SHALL BE SIDE-INVECTOR OF GRESS DOOR SHALL BOOK AND THE STOP SHALL BE SIDE-INVECTOR OF GRESS SHALL BOOK AND THE STOP SHALL BE SIDE-INVECTOR OF GRESS SHALL BOOK AND THE STOP SHALL BOOK OF GRESS OF GRESS DOOR SHALL BOOK SH

# R311.2.1: INTERIOR DOORS

ALL DOORS PROVIDING ACCESS TO HABITABLE ROOMS SHALL HAVE A MINIMUM NOMINAL WIDTH OF 30 INCHES (762 MM) AND A MINIMUM NOMINAL HEIGHT OF SIX EET, SIX INCHES

EXCEPTIONS: 1. DOORS PROVIDING ACCESS TO BATHROOMS ARE PERMITTED TO BE 28 INCHES (711 MM) N NOMINAL WIDTH

(711 MM) IN NOWINAL WIDTH.

2. DOORS PROVIDING ACCESS TO BATHROOMS IN EXISTING BUILDINGS ARE PERMITTED TO BE 24 INCHES (610 MM) IN NOWINAL WIDTH.

R311.6: HALLWAYS
THE WIDTH OF A HALLWAY SHALL BE NOT LESS THAN 3 FEET (914 MM).

# R311.7: STAIRWAYS

STAIRWAYS SHALL BE NOT LESS THAN 36 INCHES (914 MM) IN CLEAR WIDTH AT ALL. STANDAYS SHALL BE NOT LESS THAN 30 NOTES (\$14 MM) IN CLEAR YILD HAT PLC POINTS ABOVE THE PERMITTED HANDRAL HEIGHT AND BELOW THE RECURRED HEADROOM HEIGHT, HANDRALS SHALL NOT PROJECT MORE THAN 1 12 NOTES (114 MM) ON ETHER SEQ OF THE STANDAY AND THE CLEAR MIDTH OF THE STARWAY AT AND BELOW THE HANDRAL HEIGHT, NOLUDING TREADS AND LANDINGS, SHALL BE NOT LESS THAN 31 1/2 INCHES (787 MM) WHERE A HANDRAIL IS INSTALLED ON ONE SIDE AND 27 INCHES (696 MM) WHERE HANDRAILS ARE PROVIDED ON BOTH SIDES. EXCEPTION: THE WIDTH OF SPIRAL STARWAYS SHALL BE IN ACCORDANCE WITH

R311.7.2: HEADROOM
THE HEADROOM IN STARRINAYS SHALL BE NOT LESS THAN 8 FEET 8 INCHES (2032 MM)
MEASURED VERTICALLY FROM THE SLOPED LINE ADJOINING THE TREAD NOSING OR
FROM THE FLOOR SURFACE OF THE LANDING OR PLATFORMON THAT PORTION OF THE STAIRWAY

- S JANOWAY US.

  S JANOWAY US.

  LEMEG FOR JOSS OF TREADS AT THE SIDE OF A FLIGHT EXTEND UNDER THE EDGE OF A FLOOR OF SINKS THE ADDISH WHICH THE STAIR PASSES. THE FLOOR OF SINKS THE SILE ALL LOWED TO PROJECT HORSZONLALLY INTO THE REQUIPED HEADROOM NOT MORE: THAN 4 34 NOTES (21 MM).

  Z THE HEADROOM FOR STREAT SHAWAYS SHALL BE IN ACCORDANCE WITH SECTION
- R311.7.10.1

### R311.7.5: STAIR TREADS AND RISERS

R311.7.5.1 RISERS

R311.7.5.1 RISERS

THE RISER REGHT SHALL BE NOT MORE THAN 8 1/4 INCHES (210 MM). THE RISER

SHALL BE MASURED VERTICALLY BETWEEN LEADING EDGES OF THE ADJACENT

TREADS, THE GREATEST RISER HEIGHT WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SWALLEST BY WORE THAN 3/8 INCH (9.5 MM), RISERS SHALL BE VERTICAL OR SLOPED FROM THE UNDERSIDE OF THE NOSING OF THE TREAD AT AN ANGLE NOT OR SLOPED PROWIN THE INDUSTRIES OF THE INCORPS OF THE INEED OF A WAYNINGER WITH MORE THAN 30 DEGREES (3 FR.D) FROM THE VERTICAL OPEN RISERS ARE PERMITTED PROVIDED THAT THE OPENINGS LOCATED MORE THAN 30 INCHES (782 MM), AS IMPASSIED OF WEITEALLY, TO THE FLOOR OR GRADE BELOW DO NOT PERMIT THE PASSAGE OF A FOUR NO-HORANETER (102 MM), SPHERE.

: THE OPENING BETWEEN ADJACENT TREADS IS NOT LIMITED ON SPIRAL STAIRWAYS. 2. THE RISER HEIGHT OF SPIRAL STAIRWAYS SHALL BE IN ACCORDANCE WITH SECTION

R31.7.4.2: TREAD DEPTH
THE TREAD DEPTH SHALL BE NOT LESS THAN 9 INCHES (229 MM, THE TREAD DEPTH
SHALL BE MEXICIPED FOR DON'T INCHES (229 MM, THE TREAD DEPTH
FOR MOST PROJECTION OF ADJACENT TREADS AND AT A RIGHT ANGLE TO THE
FOR THE TREAD SLEADING SHOCK. THE GREAT TREAD DEPTH MITH MAY BY EIGHT OF SIMPS
SHALL NOT EXCEED THE SHALL BST BY MOSE THAN 38 INCH (9.5 MM CONSTITUTION
SHALL BOT EXCEED THE SHALL BST SHALL BST ADD WITHIN THE SHALL BST BITST OF
SHALLS AS RECORDING AND THE RADIO AND DO NOT HAVE TO BE WITHIN 38 INCH OF THE
RECORDINGLAST THE PARK IN EXCEED.

### R311.7.5.2.1 WINDER TREADS

R917A2.1 WINDER TREADS
WINDER TREADS SOULL FINE MEMORIAN TESTS DEFIN FEALUL TO THE THE TREAD
WINDER TREADS SOULL FINE MEMORIAN THE STORE MEMORIAN FOR THE STREAD READS FINE AT A
POINT TO MODES FROM THE SDE WHITE THE TREADS ARE WARROWSE, WINDER
TREADS SHALL HAVE ANNIHUM TREAD DEPTH OF THESE MODEST ANY FOR THE
FINE SOS SHALL HAVE ANNIHUM TREAD DEPTH OF THE MODEST ANY FOR THE
WINDER A THE OF STAIRS THE OFERITEST MODER TREAD DEPTH AT THE 12 NO.
WARK LIFE SHALL NOT EXCEED THE SANLEEST BY MODE THAN 38 RID-OFF, SON
WINDERS THE OFER THE STREAM THE STREAM THE MEMORIAN THE MEMORIAN THE MEMORIAN THE STREAM THE MEMORIAN T

## R311.7.7: STAIRWAY WALKING SURFACE

THE WALKING SURFACE OF TREADS AND LANDINGS OF STAIRWAYS SHALL BE SLOPED NOT STEEPER THAN ONE UNIT VERTICAL IN 48 INCHES HORIZONTAL (2 PERCENT

HANDRAILS SHALL BE PROVIDED ON NOT LESS THAN ONE SIDE OF EACH CONTINUOUS RUN OF TREADS OR FLIGHT WITH FOUR OR MORE RISERS.

R311.7.8.1: HEIGHT HANDRAIL HEIGHT MEASURED VERTIL CALLY FROM THE SLOPED PLANE ADJOINING THE TREAD NOSING, OR FRIJEN SURFACE OF RAMP SLOPE, SHALL BE NOT LESS THAN 34 INCHES 1894 MM AND NOT MORE THAN 38 INCHES (965 MM). **EXCEPTIONS** 

- EXCEPTIONS:
  1. THE USE OF A VOLUTE, TURNOUT OR STARTING EASING SHALL BE ALLOWED OVER.
  THE LOWEST TREAD.
- 2. WHERE HANDRAIL FITTINGS OR BENDINGS ARE USED TO PROVIDE CONTINUOUS , WHERE HANDIAGE, HI INGS OR BENDINGS ARE USED TO PROVIDE CONTINUOUS TRANSITION BETWEEN FLIGHTS, TRANSITIONS AT WINDER TREADS, THE TRANSITION FROM HANDRALL TO GUARD, OR USED AT THE START OF A FLIGHT, THE HANDRALL HEIGHT AT THE FITTINGS OR BENDINGS SHALL BE PERMITTED TO EXCEED 38 INCHES

## R311 7 8 2: CONTINUITY

RSYLAZ CONTINUTY
HADDRUG STAZ CONTINUTY
HADRUG STAZ CONTINUTY
HADDRUG STAZ CONTINUTY
HADRUG **EXCEPTIONS** 

HANDRAILS SHALL BE PERMITTED TO BE INTERRUPTED BY A NEWEL POST AT THE

TURN
2.THE USE OF A VOLUTE, TURNOUT, STARTING EASING OR STARTING NEWEL SHALL BE
ALLOWED OVER THE LOWEST TREAD.

## R312.1: GUARDS

FOLCH UNMERSE BEGULER!

GUMPOS SHALL BLOOMED ALONG OPEN-BIED WALKING SLIPFACES, INCLIDING STAPES, RAMPS AND LOADINGS THAT ARE LOCATED MORE THAN 30 INCHES INFOLING INFOLING STAPES, RAMPS AND LOADINGS THAT ARE LOCATED MORE THAN 30 INCHES INFOLING INFOLING INFOLING INFOLING INFOLING INFO

## R312.1.2 HFIGHT.

ISAZAZA FIRIAHI.
RECURRED GUARDS AT OPEN-SIDED WALKING SURFACES, INCLUDING STARS,
PORCHES, BALCOMES OR LANDINGS, SHALL BE NOT LESS THAN 36 INCHES (814 MM) IN
HEIGHT AS MEASURED VERTICALLY ABOVE THE ADJACENT WALKING SURFACE OR THE
LINE CONNECTING THE LEADING EDGES OF THE TREADS,

EXCEPTIONS

1 GUARDS ON THE OPEN SIDES OF STAIRS SHALL HAVE A HEIGHT NOT LESS THAN 34 INCHES (884 MM) MEA. SURED VERTICALLY FROM A LINE CONNECTING THE LEAD, INC EDGES OF THE TREADS. 2 WHERE THE TOP OF THE GUARD SERVES AS A HANDRAL ON THE OPEN SIDES OF STAIRS, THE

TOP OF THE GUARD SHALL BE NOT LESS THAN 34 INCHES (864 MM) AND NOT MORE THAN 38 INCHES (965 MM) AS MEASURED VERTICALLY FROM A LINE CONNECTING THE LEADING EDGES OF

R312.1.3 OPENING LINITATIONS.
REQUIRED GUARDS SHALL NOT HAVE OPENINGS FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT THAT ALLOW PASSAGE OF A SPHERE 4 NOHES (102 MM) IN DIAMETER.

- EAGEPTIONS. 1 THE TRIANGULAR OPENINGS AT THE OPEN SIDE OF STAIR, FORWED BY THE RISER, TREAD AND BOTTOM RAIL OF A GUARD, SHALL NOT ALLOW PASSAGE OF A SPHERE 6 INCHES (153 MM) IN
- COUNTIES ON THE OPEN SIDE OF STAIRS SHALL NOT HAVE OPENINGS THAT ALLOW PASSAGE OF A SPHERE 43/8 INCHES (111 MM) IN DIAMETER.

R312.14 EXTERIOR PLASTIC COMPOSITE GUARDS.
PLASTIC COMPOSITE EXTERIOR GUARDS SHALL COMPLY WITH THE REGULARMENTS OF SECTION.

### R506: CONCRETE FLOORS (ON GROUND)

R508.1: GENERAL
CONCRETE SLAB-ON-GROUND FLOORS SHALL BE A MINIMUM 3.5 INCHES THICK (FOR EXPANSIVE
SOILS, SEE SECTION RAVA, 1.8). THE SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE SHALL BE AS SET FORTH IN SECTION R402.2.

AS SET FORTH IN SECTION RIBID.

ASSET FORTH IN SECTION RIBID.

ASSET FORTH IN SECTION RIBID.

AMENDAD PER 780 CAR \$1,00. 671 ED. SLABS SHALL BE CONSTRUCTED WITH CONTROL JOINTS

AMENDAD PER 760 CAR \$1,00. 671 EAST ONE QUARTER OF THE SLAB THOOKESS BUT

NOT LESS THAN 11 NOT JES AMM, LIONTS SHALL BE \$1,000 ENTIRE, IS NOT GREATER THAN 30

FEET [91 444 MA) BE ADOIT OBJECTION, CONTROL LIONS SHALL BE FLACED AT LOCATIONS WHERE

FEET [91 444 MA) BE ADOIT OBJECTION, CONTROL LIONS SHALL BE FLACED AT LOCATIONS WHERE THE SLAB WIDTH OR LENGTH CHANGES.

EXCEPTION: 1.CONTROL JOINTS MAY BE ONITTED WHEN THE SLAB IS REINFORCED IN ACCORDANCE WITH TABLE RBOR. 1.1. REINFORCEMENT SHALL BE PLACED AT THE MID-DEPTH OF THE SLAB OR 2 INCHES FROM THE TOP OF SLABS GREATER THAN 4 INCHES IN THICKNESS.

R506.2: SITE PREPERATION
THE AREA WITHIN THE FOUNDATION WALLS SHALL HAVE ALL VEGETATION, TOP SQL AND FOREIGN. MATERIAL REMOVED.

R806.2.1: HILL

FILL MATERIAL, SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL. THE FILL SHALL BE

COMPACTED TO ENSURE UNL FORM SUPPORT OF THE SUAB, AND EXCEPT WHERE APPROVED, THE

FILL DEPTHS SHALL NOT EXCEED 24 INCHES (610 MM) FOR CLEAN SAND OR GRAVEL AND 8 INCHES

1000 HAR FOREIGN. (203 MM) FOR EARTH.

ROULZZ: BASE A 4-INCH-THICK (102 MM) BASE COURSE CONSISTING OF CLEAN GRADED SAND, GRAVEL, CRUSHED A HAVE HIGH RIVER MIN MINE COURSE CONSISTING OF COUNT GROUDD SMALL CHAIRS SINCE, CRISHED COURSETE OF CRISHED BLAST HAVINGES SALE PASSING AS INCHESTING SINCE STAIL BE PLACED ON THE PREPAYED SUB- GROUD WHERE THE SLABS BELOW GRADE DECEPTION AREA COURSE IS NOT REQUIRED WHERE THE COURSETE SALE IS INSTALLED ON WELL DRANGED OR SAMO-STAVELIM TURE GOLD CLASSIFIED SCROUP! ACCORDING TO THE UNITED SOLL CARRESHICATION STSTEMIN ACCORDANCE WITH TRIBLE MICK.

UNITED SUL CLASSIFICATION SISTEMM ACCORDANCE WITH TAKE HAWST.

SRIGLS, WARP REPAREDER
AGMÉ, (0.05 MCH. 162 MM PALYTHYM, ENE OR APPROVED MAPOR RETARDER WITH JOINTS
AGMÉ, (0.05 MCH. 162 MM PALYTHYM, ENE OR APPROVED MAPOR RETARDER WITH JOINTS
SUAP AND THE MAPOR SISTEMM BICHES (162 MM SINLL BE FLUCED BETWEEN THE COURSE FE FLOOR
SUAP AND THE MAPOR SISTEMM SINCE AND SISTEMM SINCE AND SISTEMM SINCE DISTRICT
LOSS THE MAPOR RETARDER SINCE REQUIRED SINCE AND THE POLL OFFICE THE POLL OFFI LOSS THE MAPOR RETARDER SINCE RECORD THE POLL OFFI THE POLL OFFI LOSS THE MAPOR RETARDER SINCE RECORD THE POLL OFFI THE POLL OFFI LOSS THE MAPOR RETARDER SINCE RECORD THE POLL OFFI THE POLL OFFI LOSS THE MAPOR RETARDER SINCE RECORD THE POLL OFFI THE POLL OFFI LOSS THE MAPOR RETARDER SINCE THE POLL OFFI THE POLL OFFI THE POLL OFFI LOSS THE MAPOR SINCE THE POLL OFFI THE POLL OFFI THE POLL OFFI THE POLL OFFI CARPORTISE THE SINCE THE POLL OFFI THE POLL OFFI

- 3. DRIVEWAYS, WALKS, PATIOS AND OTHER FLATWORK NOT LIKELY TO BE ENCLOSED AND HEATED.
- AT A LATER DATE.

  4. WHERE APPROVED BY THE BUILDING OFFICIAL, BASED ON LOCAL SITE CONDITIONS.

4. WHERE APPROVED BY THE BUILDING OFFICIAL, BASED ON LOCAL SITE CONDITIONS.

RS06.24: REINFORCEMENT SUPPORT

WHERE PROVIDED IN SLABS ON GROUND, REINFORCEMENT SHALL BE SUPPORTED TO REMAIN IN
PLACE FROM THE CENTER TO UPPER ONE THIRD OF THE SLAB FOR THE DURATION OF THE CONCRETE PLACEMENT.

# R604: WOOD STRUCTURE PANELS

R604.1 DENTFICATION AND GRADE.

WOOD STRUCTURAL PANELS SHALL CONFORM TO DOC PS 1, DOC PS 2 OR ANSIAPA PRP 210, CSA

OAST OR CSA 0325, PANELS SHALL BE IDENTIFIED BY A GRADE MARK OR CERTIFICATE OF
INSPECTION ESUAD BY AN APPROVED AGENCY.

NOSPECTION BOSICIOS DE MATERIA CONTROL PROPERTI DE MATERIA DE MATE R604.3 INSTALLATION
WOOD STRUCTURA PANIEL WALL SHEATHING SHALL BE ATTACHED TO FRAMING IN ACCORDANCE
WITH TABLE R602.3(1) OR R602.3(3).

R807: ATTIC ACCESS

R07. ATTIC ACCESS POLICINGS WITH COMBUSTIBLE CELLING OR ROOF CONSTRUCTION SHALL HAVE AN ATTIC ACCESS OPENING TO ATTICAPESS HAT HAVE A VERTICAL HEIGHT OF SONO-HES (ROW AND OFF ATTICAPES) OFF OR A ROOF ON OIL LESS HAVE BY SOURCE FEET LEGAM, THE VERTICAL HEIGHT SHALL BE INSURED FROM THE TOP OF THE COIL - ING FRAMING MEMBERS TO THE UNDERSIDE OF THE COIL - ING FRAMING MEMBERS TO THE

THE ROUGH-FRAMED OPENING SHALL BE NOT LESS THAN 22 INCHES BY 30 INCHES (599 MM BY 762 MM) AND SHALL BE LOCATED IN A HALLWAY OR OTHER REPORT. A ROCESSIBLE LOCATED NA MEDIC LOCATED IN A MULL THE OPENING SHALL BE NOT LESS THAN 22 INCHES MEDE BY 30 INCHES HIGH (599 MM WIDE BY 722 MM HIGH. WHERE THE ACCESS IS LOCATED IN A CELLING, MINNIAM MOURS BY ACTION FILE OF THE ACCESSIBLE AND THE ATTIC SAYES SHALL BE 30 INCHES (50 MM AT SOME POINT ABOVE. THE ACCESSIBLE SHOPE WITH A THE BY THE ACCESSIBLE OF THE LOCATED IN ATTICS

# R905: REQUIREMENTS FOR ROOF COVERINGS R905.2.2: SLOPE

RUGS.22 SLOPE RUGS.22 SLOPE.ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF TWO UNITS VERTICAL IN 22 UNITS HORZONTAL (2:12) OR GREATER, FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORZONTAL (2:12) UP TO FOUR UNITS VERTICAL IN 12 UNITS HORZONTAL (4:12), DOUBLE UNDERLAYMENT APPLICATION IS RECURED IN ACCORDANCE WITH SECTION

# R1003: MASONRY CHIMNEYS

INDUST, ABASINEY, CHIMMENS.
RI0039, TERMINATION
CHIMMENS SHALL EXTEND NOT LESS THAN 2 FEET (810 MM), HIGHER THAN ANY PORTION OF A
BULLOING WITHIN 10 FEET (3048 MM), BUT SHALL BE NOT LESS THAN 3 FEET (914 MM) ABOVE THE
HIGHEST POWT WHERE THE CHIMMEN PASSES THROUGH THE ROOF.

### ARCHITECTURAL ABBREVIATIONS:

	A	JAN.	J JANITOR
ABV.	ABOVE	ura va	SHIFTON
A.C.	AIR CONDITIONING	L.P.	L LOW POINT
ARE AN	ABOVE FINISH FLOOR AS NOTED	LAM.	LAMINATE
ACT.	ACCOUSTICAL TILE	LAV.	LAVATORY
ADJ.	ADJACENT OR ADJUSTABLE	LT.	LIGHT
AL/ALUM. ALT.	ALUMNUM ALTERNATE		M
APPD.	APPROVED	M.E.P.	MECHANICAL, ELECTRICAL, PLUMBING
APPROX./+/-	APPROXIMATE	M.O.	MASONRY OPENING MECHANICAL
AUX	AUXILIARY	MECH. MET/ MTL.	METAL
	В	MEZZ.	MEZZANINE
BOT.	BOTTOM	MIN. MTD	MINIMUM MOUNTED
B.M. B.O.	BENCH MARK BOTTOM OF/ BY OTHERS: OWNER	MID.	MOUNTED
BD.	BOARD		N .
BLDG BLK/ BLK'G	BUILDING BLOCK/ BLOCKING	N.I.C. N.T.S.	NOT IN CONTRACT NOT TO SCALE
BLIV BLIVG.	BLOCK BLOCKING	NO.	NUMBER
	C	NOM.	NOMINAL
CLP. CL	CAST IN PLACE CENTER LINE		0
C.M.U.	CONCRETE MASONRY UNIT	O.A.	OVERALL
C.O.	CLEAN OUT OR CLEAR OPENING	O.C.	ON CENTER
CL.	CLEAR OR CLOSET	O.H. OPP. HND.	OVERHEAD OPPOSITE HAND
CL'G. CONC.	CELING CONCRETE	OFF. I INC.	· ·
CONT	CONTINUOUS		P
	D	PLAT. PLY/ PLYWD.	PLATFORM PLYWOOD
D.F.	DRINKING FOUNTAIN	PR.	PAIR
DET/DTL.	DETAIL.	PREFAB	PREFABRICATED
DIA/DIAM. DIM(S).	DIAMETER DIMENSIONS	PROJ. PT/PTD.	PROJECT OR PROJECTION PAINTED
DN.	DOWN	11,1110.	0
DWG.	DRAWING	QTY.	QUANTITY
		· ·	
EA.	E EACH	R.O.	R ROUGH OPENING
EL/ELEV	ELEVATION	REG.	RECESS/ RECESSED
ELEV.	ELEVATOR	REF.	REFERENCE
ELEC. EMERG.	ELECTRICAL EMERGENCY	REINF. REQ'D.	REINFORCED/ REINFORCEMENT REQUIRED
EQ.	EQUAL.	NEQU.	REGUIRED
EQUIP.	EQUIPMENT		S
EX/EXIST	EXISTING	S.S./ ST. STL. SECT.	STAINLESS STEEL SECTION
	F	SHT.	SHEET
F.D.	FLOOR DRAIN FIRE EXTINGUISHER	SIM.	SIMILAR SPECIAL AND
F.E. F.F	FINISH FLOOR OR FINISH FACE	SPEC(S). SPRKLR.	SPECIFICATION(S) SPRINKLER
FPS.C.	FIREPROOF SELF-CLOSING	SPKR.	SPEAKER
FIN. FL/ FLR.	FINISH/ FINISHED FLOOR	STD. STL.	STANDARD STEEL
FT.	FEET/FOOT	STOR.	STORAGE
FT'G.	FOOTING	SUSP.	SUSPENDED
	G		т
G.F.C.L	GROUND FAULT CIRCUIT INTERRUPTER	T.O.	TOP OF
G.W.B. GA.	GYPSUM WALL BOARD GAUGE	TEL. TEMP.	TELEPHONE TEMPERED OR TEMPORARY
GL.	GAUGE GLASS/ GLAZED	THK.	THICK/THICKNESS
GYP.	GYPSUM	TV.	TELEVISION
	н	TYP.	TYPICAL
H.B.	HOSE BIB		U
HP.	HIGH POINT	U.O.N.	UNLESS OTHERWISE NOTED
HC. HORIZ	HANDICAP/HANDICAPPED HORIZONTAL	UNEXC. USIDE.	UNEXCAVATED UNDERSIDE
HVAC	HEATING, VENTILATING & AIR	UTIL	UTILITY
	CONDITIONING		V
	Ī	VLF.	VERIFY IN FIELD
INSUL	INSULATION	VERT. VEST.	VERTICAL VESTIBULE
INT.	INTERIOR	vL31.	YESTROCE
		W.C	W WATER OLOGET
		W.C. W.P.	WATER CLOSET WATERPROOF/
			WATERPROOFING
		WD.	WOOD WEIGHT
		WD. WT.	WOOD WEIGHT

STREET 348 SALISBURY S WORCESTER, MA WINGSPAN PROPERTIES

**ECKSTROM** HOME DESIGNS

RENDERING DREAMS INTO REALITY CHICAGON CONTROL OF SHARE THE REST SHOWN issue: schematic chaire. desion development constaud on documents

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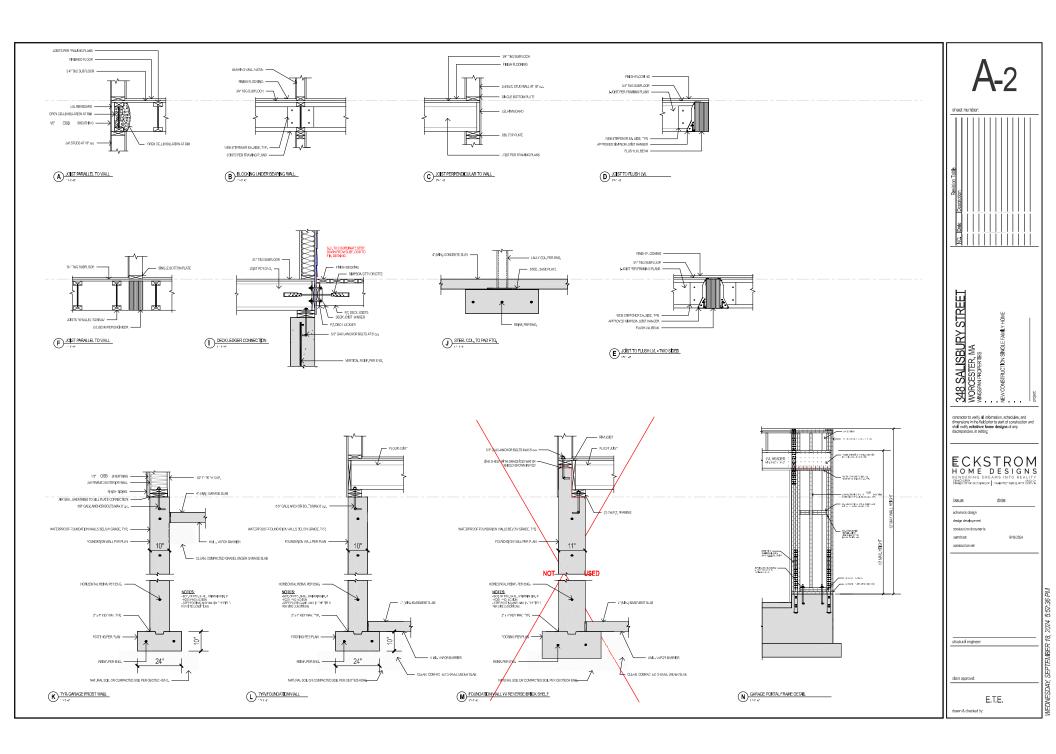
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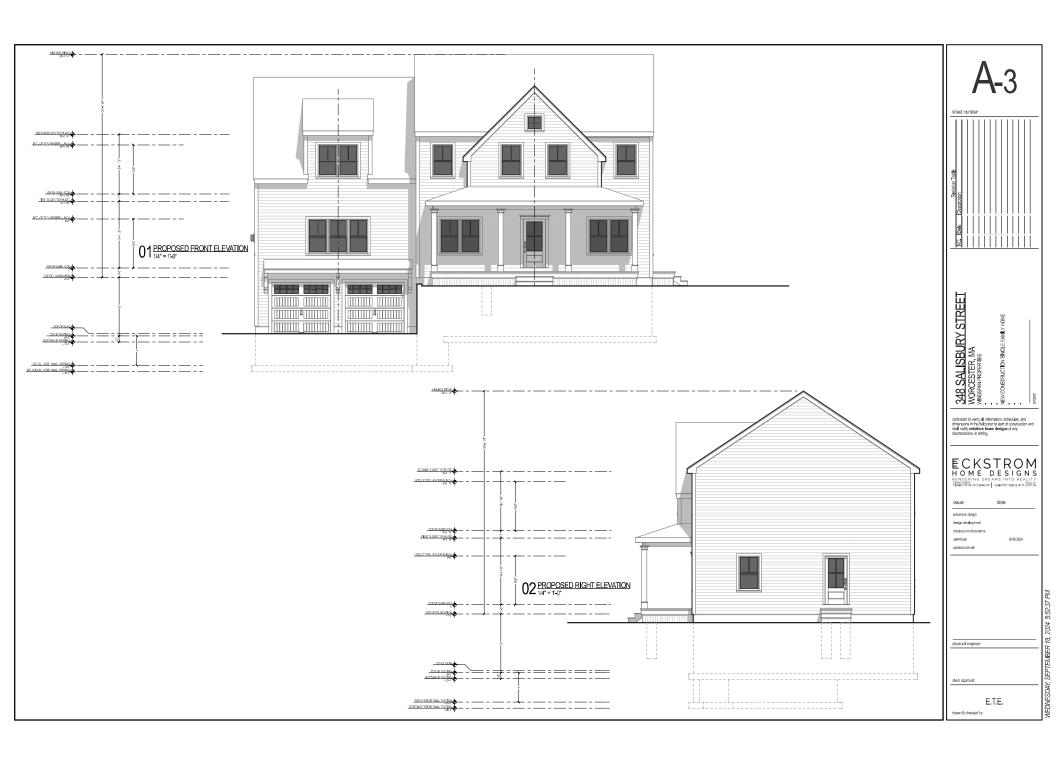
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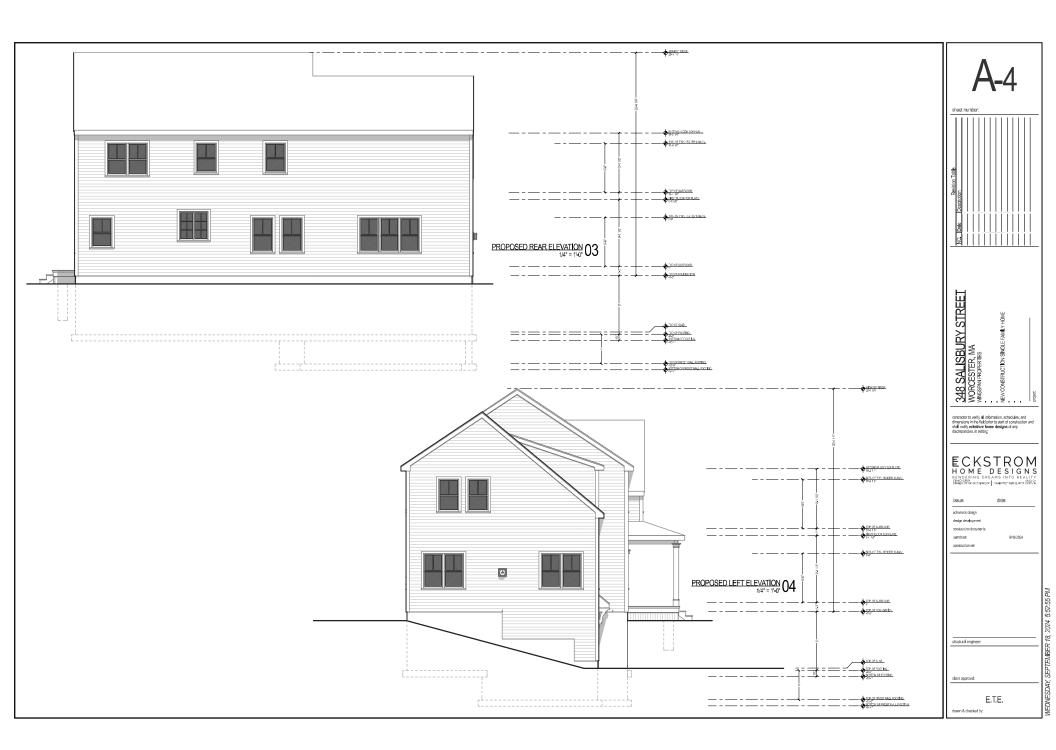
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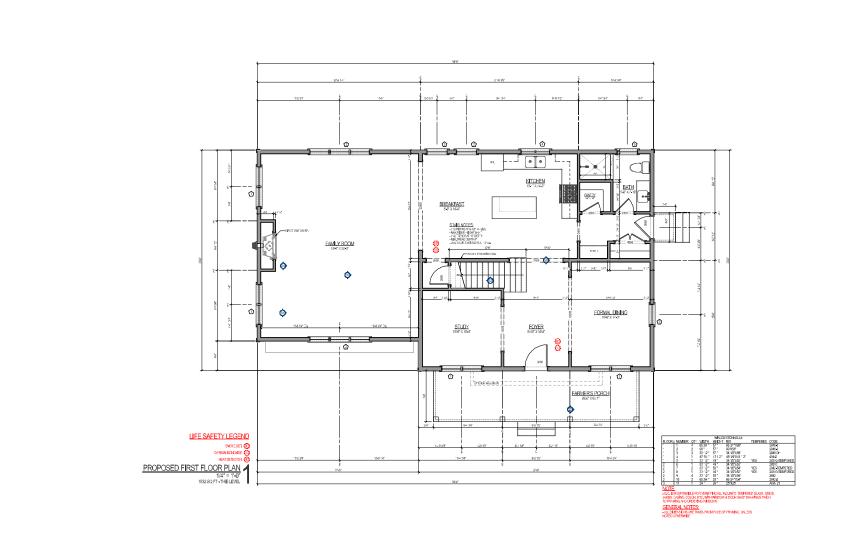
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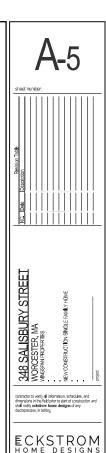
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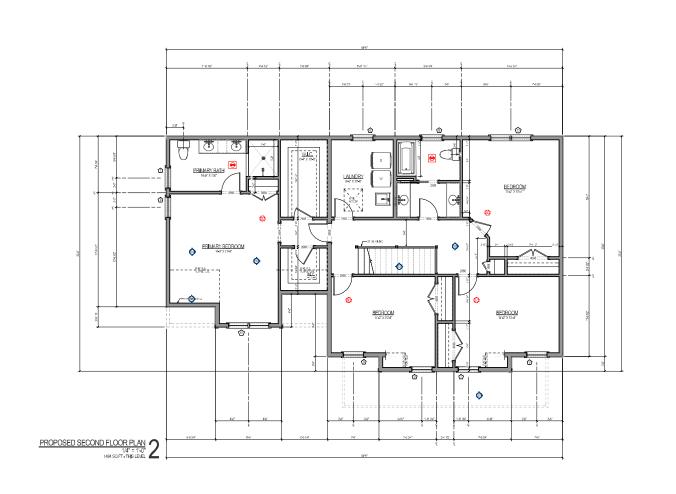
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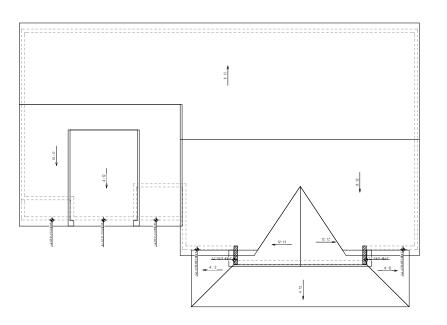
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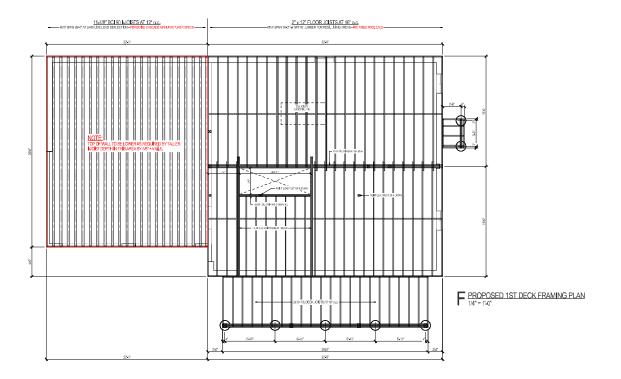
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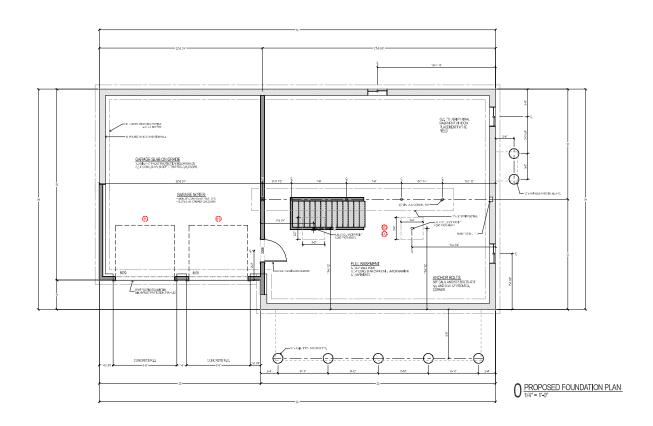
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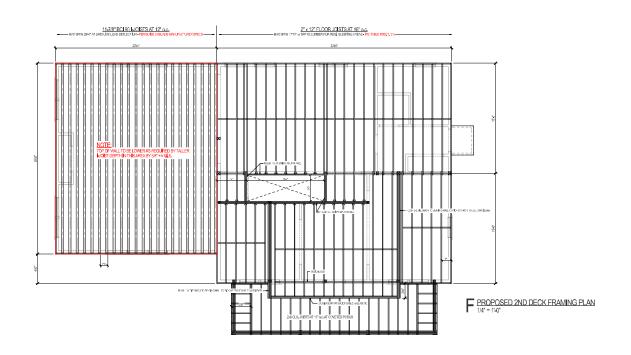
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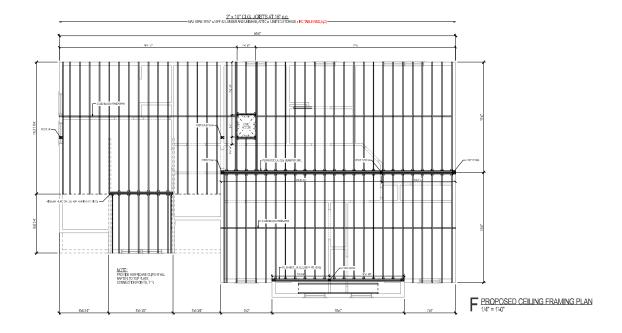
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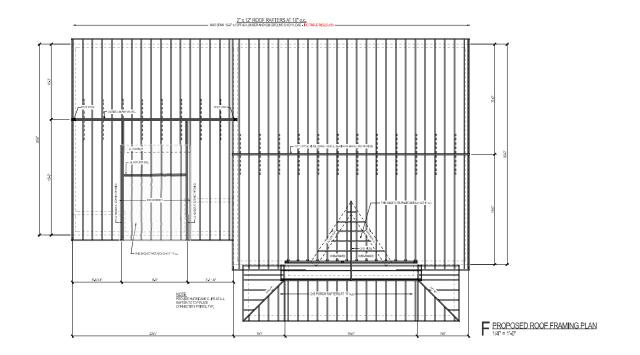
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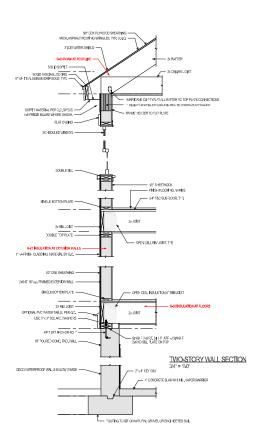
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