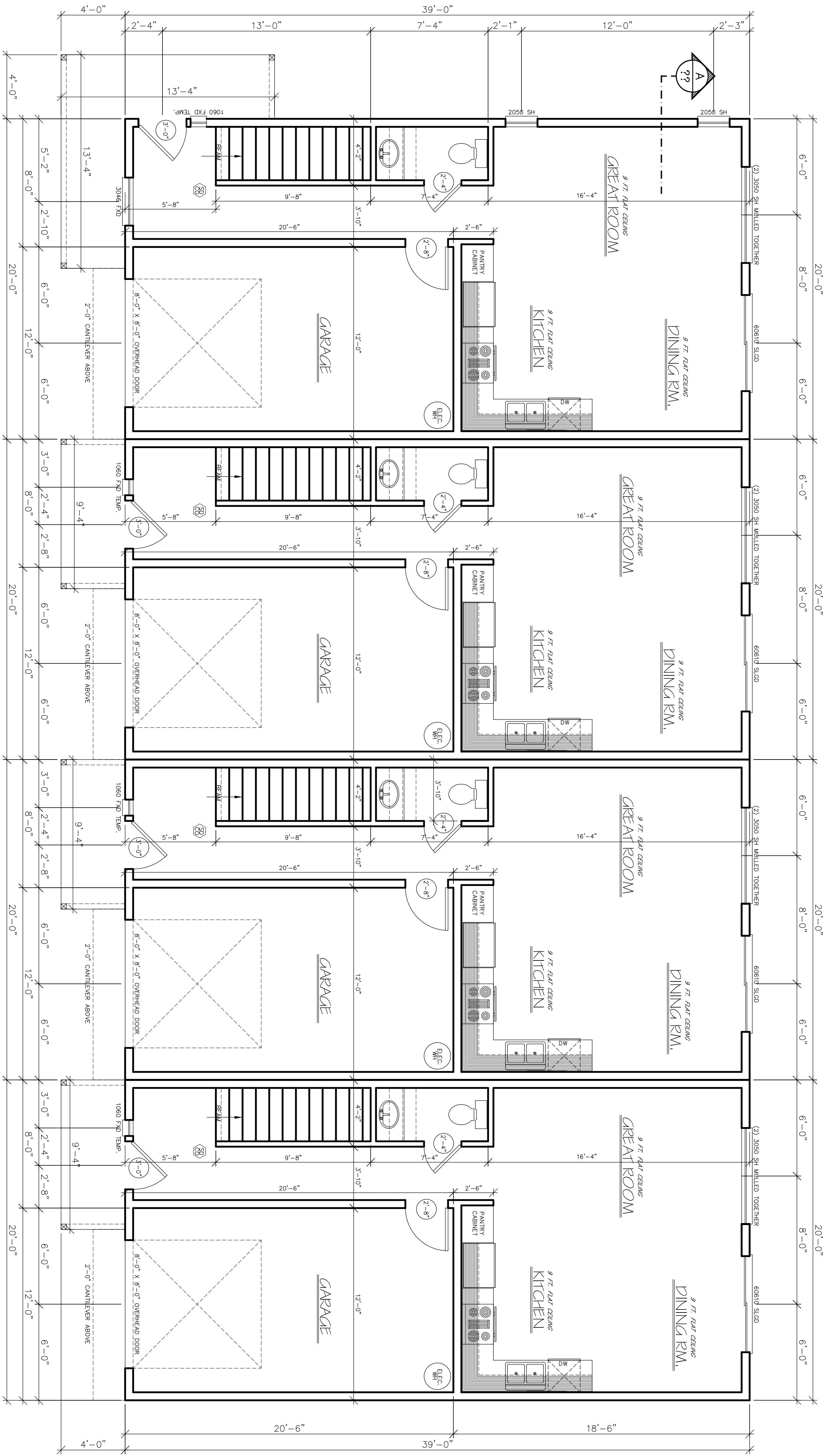


BAXTER RD. S.E.
SALEM, OREGON

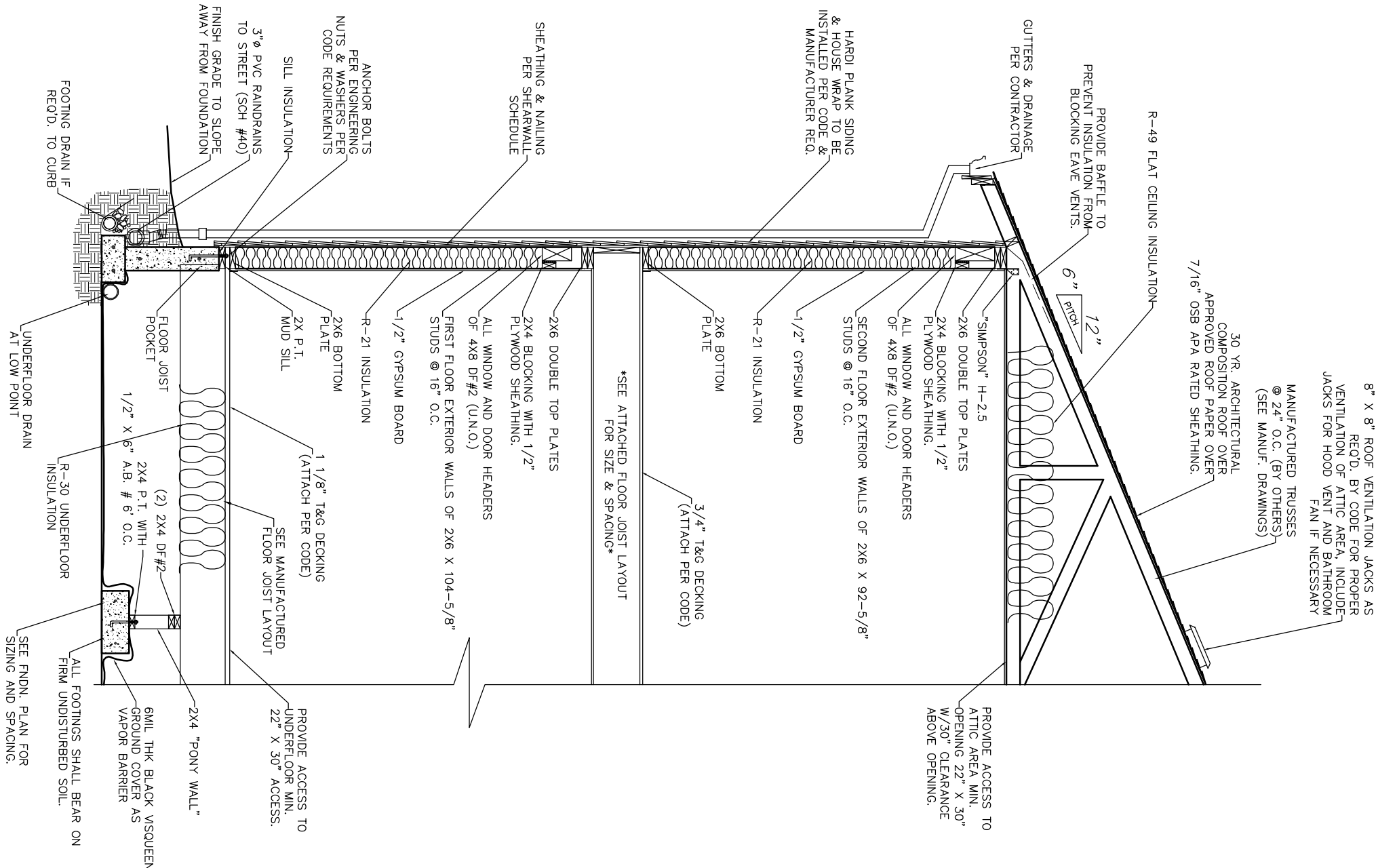
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ALL CONNECTIONS & FASTENER'S TO BE PER CODE REQUIREMENTS



TYPICAL WALL SECTION
SCALE: N.T.S.



BUILDING COMPONENT	STANDARD BASE CASE		LOO HOMES ONLY	
	REQUIRED PERFORMANCE	EQUIV. VALUE ^B	REQUIRED PERFORMANCE	EQUIV. VALUE ^B
WALL INSULATION-ABOVE GRADE ^a	U-0.059 ^c	R-21 INTERMEDIATE ^c	NOTE d	
WALL INSULATION-BELOW GRADE ^a	C-0.063	R-15 C.I./R-21	C-0.063	R-15/R-21
FLAT CEILING ^{c,1}	U-0.021	R-49	U-0.020	R-49 A ^h
VAULTED CEILING ^g	U-0.033	R-30 ^h RAFTERS OR R-30 ^h TRUSSES	U-0.027	R-38A ^h
UNDERFLOORS	U-0.033	R-30	U-0.033	R-30
SLAB-EDGE PERIMETER ^m	F-0.520	R-15	F-0.520	R-15
HEATED SLAB INTERIOR ¹	N/A	R-10	N/A	R-10
WINDOWS ¹	U-0.22	U-0.22	U-0.22	U-0.22
SKYLIGHTS	U-0.50	U-0.50	U-0.50	U-0.50
EXTERIOR DOORS ^k	U-0.20	U-0.20	U-0.54	U-0.54
EXTERIOR DOORS WITH > 2.5 FT ² GLAZING ¹	U-0.40	U-0.40	U-0.40	U-0.40

FOR S_E 1 WOI = 24. MM 1 SQUARE FOOT = 0.0929 M² 1 THERM = 0.075 Btu/h °F

AS ALLOWED IN SECTION N1014, THERMAL PERFORMANCE OF A COMPONENT MAY BE ADJUSTED PROVIDED THAT OVERALL HEAT LOSS DOES NOT EXCEED THE TOTAL RESULTING FROM COMPLIANCE TO THE REQUIRED U-FACTOR STANDARDS. CALCULATIONS TO DOCUMENT EQUIVALENT HEAT LOSS SHALL BE PERFORMED USING THE PROCEDURE AND APPROVED U-FACTORS CONTAINED IN TABLE N1014(1).

R-VALUES USED IN THIS TABLE ARE NOMINAL FOR THE INSULATION ONLY IN STANDARD WOOD FRAMED CONSTRUCTION AND NOT FOR THE ENTIRE ASSEMBLY.

WALL INSULATION REQUIREMENTS APPLY TO ALL EXTERIOR WOOD FRAMED, CONCRETE OR MASSIVE WALLS THAT ARE ABOVE GRADE. THIS INCLUDES GARAGE WALLS AND RM WALLS. INSULATION SHALL BE INSTALLED UNDER THE EXTERIOR FINISH SURFACE AND SHALL BE CONTINUOUS THROUGH THE WALL AND FLOOR/CEILING JOINTS.

THE WALL COMPONENT SHALL BE A MINIMUM SOLID LOG OR TRUSS WALL THICKNESS OF 3.5 INCHES.

ROOFING OR FLOORING SHALL BE INSTALLED OVER THE INSULATION. INSULATION SHALL NOT BE COMPRESSED AND SHALL NOT BE COVERED BY ANY OTHER MATERIALS. INSULATION SHALL BE CONTINUOUS THROUGH THE ROOF AND FLOOR/CEILING JOINTS AND SHALL NOT BE COVERED BY ANY OTHER MATERIALS.

INSULATION LENGTHS FOR CEILINGS THAT HAVE LIMITED ATTIC/RAFTER DEPTH SUCH AS DORMERS, BAY WINDOWS OR SIMILAR ARCHITECTURAL FEATURES TOTALING NOT MORE THAN 100 SQUARE FEET IN AREA MAY BE REDUCED TO NOT LESS THAN 1/2" WHEN REQUIRED. THE CAVITY SHALL BE FILLED (EXCEPT FOR REQUIRED VENTILATION SPACES). R-49 IS REQUIRED FOR ALL OTHER CEILING AREAS.

WALLS AND FLOORS SHALL BE INSULATED TO THE REQUIRED U-FACTOR. INSULATION SHALL BE INSTALLED UNDER THE EXTERIOR FINISH SURFACE AND SHALL BE CONTINUOUS THROUGH THE WALL AND FLOOR/CEILING JOINTS.

WALLS AND FLOORS SHALL BE INSULATED TO THE REQUIRED U-FACTOR. INSULATION SHALL BE INSTALLED UNDER THE EXTERIOR FINISH SURFACE AND SHALL BE CONTINUOUS THROUGH THE WALL AND FLOOR/CEILING JOINTS.

HEATED SLAB INTERIOR APPLIES TO CONCRETE SLAB FLOORS (BOTH ON AND BELOW GRADE) THAT INCORPORATE A RADIANT HEATING SYSTEM WITHIN THE SLAB. INSULATION SHALL BE INSTALLED UNDER THE ENTIRE SLAB.

SEALING GLASS DOORS SHALL COMPLY WITH WINDOW PERFORMANCE REQUIREMENTS. WINDOWS EXCEPT FROM TESTING IN ACCORDANCE WITH SECTION N1111.2, ITED DOUBLE-PANE GLAZING WITH LOW-EMISSIVITY COATINGS OF 0.10 OR LESS. BUILDINGS DESIGNED TO INCORPORATE PASSIVE SOLAR ELEMENTS MAY INCLUDE GLAZING WITH A U-FACTOR GREATER THAN 0.05 BY USING TABLE N1014(1) TO DEMONSTRATE EQUIVALENCE TO BUILDING ENVELOPE REQUIREMENTS.

A MINIMUM OF 28 SQUARE FEET OF EXTERIOR DOOR AREA PER DWELLING UNIT CAN HAVE A U-FACTOR OF 0.54 OR LESS.

GLAZING THAT IS EITHER DOUBLE PANE WITH LOW-E COATING ON ONE SURFACE, OR TRIPLE PANE SHALL BE DESIGNED TO COMPLY WITH THIS REQUIREMENT.

MINIMUM 24-INCH HORIZONTAL OR VERTICAL BELOW-GLAZE