GENERAL NOTES WHERE GLASS IS USED TO PROVIDE A GUARD OR AS A PORTION OF THE GUARD SYSTEM, THE GUARD SHALL COMPLY WITH SECTION 2407. WHERE THE GLAZING PROVIDED DOES NOT MEET THE STRENGTH AND ATTACHMENT REQUIREMENTS OF SECTION 1607.8, COMPLYING GUARDS SHALL BE LOCATED ALONG GLAZED SIDES OF OPEN-SIDED WALKING SURFACES. REQUIRED GUARDS SHALL BE NOT LESS THAN 42 INCHES (1067 MM) HIGH, MEASURED VERTICALLY AS FOLLOWS: 1.FROM THE ADJACENT WALKING SURFACES. 2.ON STAIRWAYS AND STEPPED AISLES, FROM THE LINE CONNECTING THE LEADING EDGES OF 3.0 RAMPS AND RAMPED AISLES, FROM THE RAMP SURFACE AT THE GUARD.

EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET (0.53 M2).

EXCEPTION: THE MINIMUM NET CLEAR OPENING FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE 5 SQUARE FEET (0.46 M2).

1030.2.1 MINIMUM DIMENSIONS.

THE MINIMUM NET CLEAR OPENING HEIGHT DIMENSION SHALL BE 24 INCHES (610 MM). THE MINIMUM NET CLEAR OPENING WIDTH DIMENSION SHALL BE 20 INCHES (508 MM). THE NET CLEAR OPENING DIMENSIONS SHALL BE THE RESULT OF NORMAL OPERATION OF THE OPENING.

1030.3 MAXIMUM HEIGHT FROM FLOOR.

EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT GREATER THAN 44 INCHES (1118 MM) MEASURED FROM THE FLOOR

1030.4 OPERATIONAL CONSTRAINTS.

EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM WITHOUT THE USE OF KEYS OR TOOLS. BARS, GRILLES, GRATES OR SIMILAR DEVICES ARE PERMITTED TO BE PLACED OVER EMERGENCY ESCAPE AND RESCUE OPENINGS PROVIDED THE MINIMUM NET CLEAR OPENING SIZE COMPLIES WITH SECTION 1030.2 AND SUCH DEVICES SHALL BE RELEASABLE OR REMOVABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL OR FORCE GREATER THAN THAT WHICH IS REQUIRED FOR NORMAL OPERATION OF THE EMERGENCY ESCAPE AND RESCUE OPENING. WHERE SUCH BARS, GRILLES, GRATES OR SIMILAR DEVICES ARE INSTALLED IN EXISTING BUILDINGS, SMOKE ALARMS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 907.2.11 REGARDLESS OF THE VALUATION OF THE ALTERATION.

EVERY CLOSET DOOR LATCH SHALL BE SUCH THAT CHILDREN CAN OPEN THE DOOR FROM INSIDE THE CLOSET. AS PER FBC 2017

EVERY BATHROOM DOOR LOCK SHALL BE DESIGNED TO PERMIT THE OPENING OF THE LOCKED DOOR FROM THE OUTSIDE IN AN EMERGENCY, AS PER FBC 2017

R302.14 COMBUSTIBLE INSULATION CLEARANCE.

COMBUSTIBLE INSULATION SHALL BE SEPARATED NOT LESS THAN 3 INCHES (76 MM) FROM RECESSED LUMINAIRES, FAN MOTORS AND OTHER HEAT-PRODUCING DEVICES

803.1.1 INTERIOR WALL AND CEILING FINISH MATERIALS. INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723. SUCH INTERIOR FINISH MATERIALS SHALL BE GROUPED IN THE FOLLOWING CLASSES IN ACCORDANCE WITH THEIR FLAME SPREAD AND SMOKE-DEVELOPED INDEXES.

CLASS A: = FLAME SPREAD INDEX 0-25; SMOKEDEVELOPED INDEX 0-450. CLASS B: = FLAME SPREAD INDEX 26-75; SMOKEDEVELOPED INDEX 0-450. CLASS C: = FLAME SPREAD INDEX 76-200; SMOKEDEVELOPED INDEX 0-450.

R314.1 GENERAL. SMOKE ALARMS

SMOKE ALARMS SHALL COMPLY WITH NFPA 72 AND SECTION R314.

SMOKE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217. COMBINATION SMOKE AND CARBON MONOXIDE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217 AND UL 2034.

SMOKE ALARMS SHALL BE PROVIDED IN ACCORDANCE WITH THIS SECTION.

R314.2.1 NEW CONSTRUCTION.

SMOKE ALARMS SHALL BE PROVIDED IN DWELLING UNITS.

SMOKE ALARMS SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS:

1.IN EACH SLEEPING ROOM.

2.OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS.

3.ON EACH ADDITIONAL STORY OF THE DWELLING, INCLUDING BASEMENTS AND HABITABLE ATTICS AND NOT INCLUDING CRAWL SPACES AND UNINHABITABLE ATTICS. IN DWELLINGS OR DWELLING UNITS WITH SPLIT LEVELS AND WITHOUT AN INTERVENING DOOR BETWEEN THE ADJACENT LEVELS, A SMOKE ALARM INSTALLED ON THE UPPER LEVEL SHALL SUFFICE FOR THE ADJACENT LOWER LEVEL PROVIDED THAT THE LOWER LEVEL IS LESS THAN ONE FULL STORY BELOW THE UPPER LEVEL.

4.SMOKE ALARMS SHALL BE INSTALLED NOT LESS THAN 3 FEET (914 MM) HORIZONTALLY FROM THE DOOR OR OPENING OF A BATHROOM THAT CONTAINS A BATHTUB OR SHOWER UNLESS THIS WOULD PREVENT PLACEMENT OF A SMOKE ALARM REQUIRED BY SECTION R314.3.

R314.3.1INSTALLATION NEAR COOKING APPLIANCES.

SMOKE ALARMS SHALL NOT BE INSTALLED IN THE FOLLOWING LOCATIONS UNLESS THIS WOULD PREVENT PLACEMENT OF A SMOKE ALARM IN A LOCATION REQUIRED BY SECTION R314.3.

1.IONIZATION SMOKE ALARMS SHALL NOT BE INSTALLED LESS THAN 20 FEET (6096 MM) HORIZONTALLY FROM A PERMANENTLY INSTALLED COOKING APPLIANCE.

2.IONIZATION SMOKE ALARMS WITH AN ALARM-SILENCING SWITCH SHALL NOT BE INSTALLED LESS THAN 10 FEET (3048 MM) HORIZONTALLY FROM A PERMANENTLY INSTALLED COOKING

3.PHOTOELECTRIC SMOKE ALARMS SHALL NOT BE INSTALLED LESS THAN 6 FEET (1828 MM) HORIZONTALLY FROM A PERMANENTLY INSTALLED COOKING APPLIANCE.

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R302.10.1 INSULATION.

APPLIANCE.

INSULATION MATERIALS, INCLUDING FACINGS, SUCH AS VAPOR RETARDERS AND VAPOR-PERMEABLE MEMBRANES INSTALLED WITHIN FLOOR-CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, WALL ASSEMBLIES, CRAWL SPACES AND ATTICS SHALL HAVE A FLAME SPREAD INDEX NOT TO EXCEED 25 WITH AN ACCOMPANYING SMOKE-DEVELOPED INDEX NOT TO EXCEED 450 WHERE TESTED IN ACCORDANCE WITH ASTM E84 OR UL 723.

UNVETED ATTIC NOTES

SOFFIT VENTILATION

UNVENTED ATTIC: -UNVENTED ATTICS SHALL BE PROVIDED AS PER FBC '17 BUILDING VOLUME SECTION 1203.35 -INSULATION SHALL BE LOCATED IN ACCORDANCE WITH FBC 1203.3 (5.1).

R806.5 UNVENTED ATTIC AND UNVENTED ENCLOSED RAFTER ASSEMBLIES. UNVENTED ATTICS AND UNVENTED ENCLOSED ROOF FRAMING ASSEMBLIES CREATED BY CEILINGS THAT ARE APPLIED DIRECTLY TO THE UNDERSIDE OF THE ROOF FRAMING MEMBERS AND STRUCTURAL ROOF SHEATHING APPLIED DIRECTLY TO THE TOP OF THE ROOF FRAMING MEMBERS/RAFTERS, SHALL BE PERMITTED WHERE ALL THE FOLLOWING CONDITIONS ARE MET:

1.THE UNVENTED ATTIC SPACE IS COMPLETELY WITHIN THE BUILDING THERMAL ENVELOPE.

2.NO INTERIOR CLASS I VAPOR RETARDERS ARE INSTALLED ON THE CEILING SIDE (ATTIC FLOOR) OF THE UNVENTED ATTIC ASSEMBLY OR ON THE CEILING SIDE OF THE UNVENTED ENCLOSED ROOF FRAMING ASSEMBLY.

3.WHERE WOOD SHINGLES OR SHAKES ARE USED, A MINIMUM 1/4-INCH (6.4 MM) VENTED AIR SPACE SEPARATES THE SHINGLES OR SHAKES AND THE ROOFING UNDERLAYMENT ABOVE THE STRUCTURAL SHEATHING.

4.IN CLIMATE ZONES 5, 6, 7 AND 8, ANY AIR-IMPERMEABLE INSULATION SHALL BE A CLASS II VAPOR RETARDER, OR SHALL HAVE A CLASS II VAPOR RETARDER COATING OR COVERING IN DIRECT CONTACT WITH THE UNDERSIDE OF THE INSULATION.

5.INSULATION SHALL BE LOCATED IN ACCORDANCE WITH THE FOLLOWING:

5.1.ITEM 5.1.1, 5.1.2, 5.1.3 OR 5.1.4 SHALL BE MET, DEPENDING ON THE AIR PERMEABILITY OF THE INSULATION DIRECTLY UNDER THE STRUCTURAL ROOF SHEATHING.

5.1.1.WHERE ONLY AIR-IMPERMEABLE INSULATION IS PROVIDED, IT SHALL BE APPLIED IN DIRECT CONTACT WITH THE UNDERSIDE OF THE STRUCTURAL ROOF SHEATHING.

5.1.2.WHERE AIR-PERMEABLE INSULATION IS PROVIDED INSIDE THE BUILDING THERMAL ENVELOPE, IT SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 5.1.1, IN ADDITION TO THE AIR-PERMEABLE INSULATION INSTALLED DIRECTLY BELOW THE STRUCTURAL SHEATHING, RIGID BOARD OR SHEET INSULATION SHALL BE INSTALLED DIRECTLY ABOVE THE STRUCTURAL ROOF SHEATHING IN ACCORDANCE WITH THE R-VALUES IN TABLE R806.5 FOR CONDENSATION CONTROL.

5.1.3.WHERE BOTH AIR-IMPERMEABLE AND AIRPERMEABLE INSULATION ARE PROVIDED, THE AIR-IMPERMEABLE INSULATION SHALL BE APPLIED IN DIRECT CONTACT WITH THE UNDERSIDE OF THE STRUCTURAL ROOF SHEATHING IN ACCORDANCE WITH ITEM 5.1.1 AND SHALL BE IN ACCORDANCE WITH THE R-VALUES IN TABLE R806.5 FOR CONDENSATION CONTROL. THE AIR-PERMEABLE INSULATION SHALL BE INSTALLED DIRECTLY UNDER THE AIR-IMPERMEABLE INSULATION.

5.1.4.ALTERNATIVELY, SUFFICIENT RIGID BOARD OR SHEET INSULATION SHALL BE INSTALLED DIRECTLY ABOVE THE STRUCTURAL ROOF SHEATHING TO MAINTAIN THE MONTHLY AVERAGE. TEMPERATURE OF THE UNDERSIDE OF THE STRUCTURAL ROOF SHEATHING ABOVE 45°F (7°C). FOR CALCULATION PURPOSES, AN INTERIOR AIR TEMPERATURE OF 68°F (20°C) IS ASSUMED AND THE EXTERIOR AIR TEMPERATURE IS ASSUMED TO BE THE MONTHLY AVERAGE OUTSIDE AIR TEMPERATURE OF THE THREE COLDEST MONTHS.

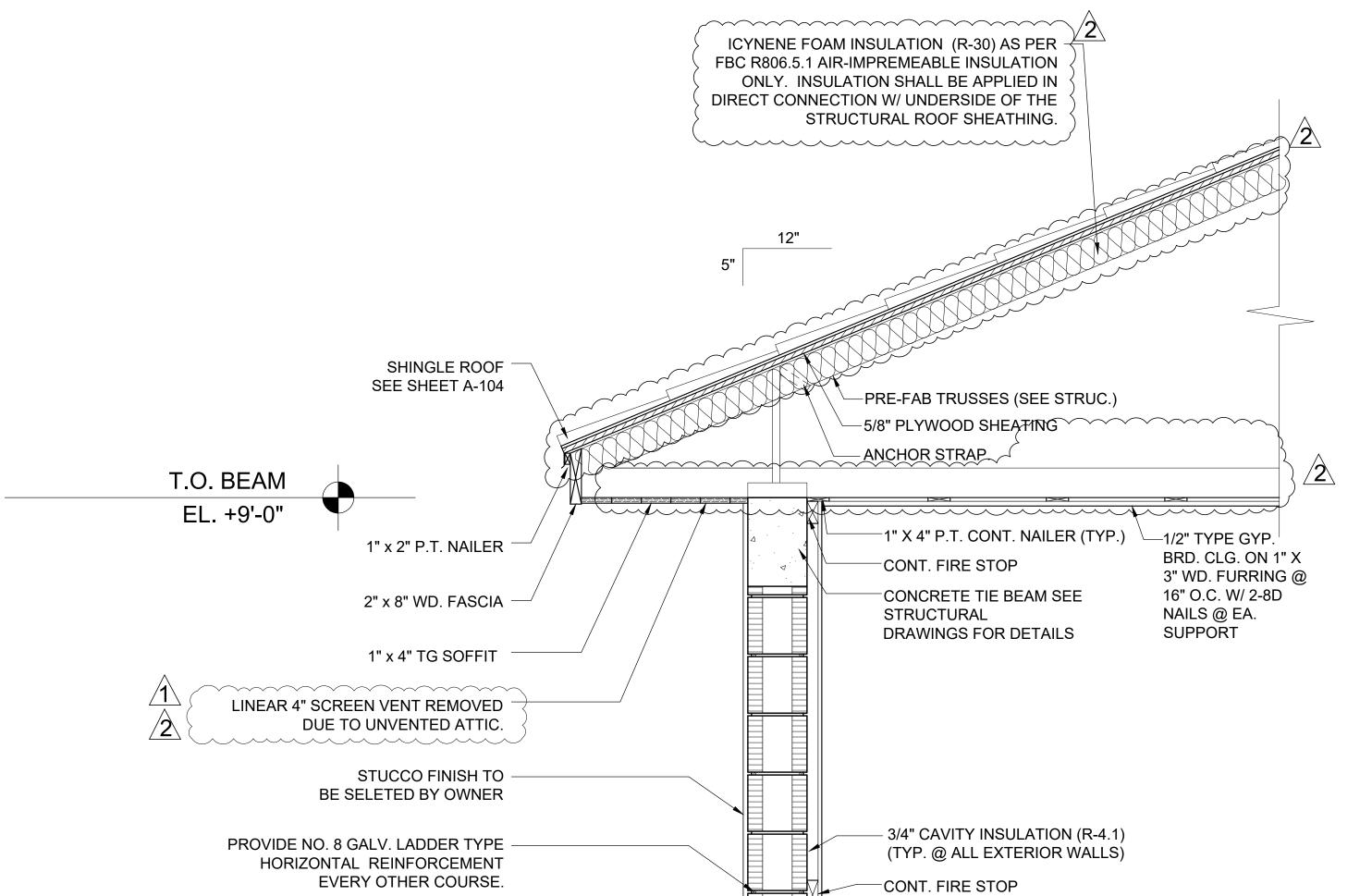
ROOF DESCRPITION

SHINGLE ROOF ON HOT MOPPED 90# FIBERGLASS PAPER, OVER 90# ASPHALT PAPER FASTENED TO MECHANICAL FASTNER SCHEDULE, OVER $\frac{23}{32}$ CDX PLAYWOOD FASTNENED TO WOOD TRUSSES W/8D NAILS 6" O.C. INTERMEDIATE SUPPORT @ 4" O.C. @ EAVES AND PANEL EDGES.

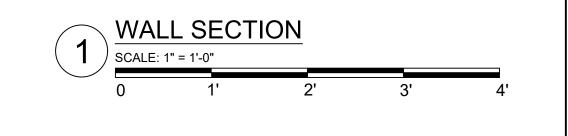
MECHANICAL FASTENERS AND TIN CAPS SHALL BE SPACE IN A MINIMUM PATTERN OF 12" O.C. ON A 4" OVERLAP AND 18" O.C. IN TWO STAGGERED ROWS IN THE FIELD AREA OF THE ROOF. PERIMETER AREAS SHALL BE FASTENED 9" IN THE LAP AND 12" IN THE FIELD.

T.O. FINISHED FLOOR

EL. +0'-0" (+9.90' NGVD)



GRADE



NEW 8" SLAB SET ATOP

OF COMPACT FILL WITH

10MIL VAPOR BARRIER

FOR SLAB REINF.)

(FBC'20 R506.2.3)

(REFER TO STRUCTURAL

CONT. FIRE STOP

FURRING @16' O.C.

FINISH FLOOR

1/2"GYP.BRD.ON 1"X2" PT WD

— 2" x 4" P.T. CONT. NAILER (TYP.)

FOOTING SEE STRUCTURAL

DRAWINGS FOR DETAILS

WD. BASEBOARD TO BE SELECTED BY OWNER



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2 DESIGN REVISION 09.26.23

03.16.23

AR 97896

AS SHOWN

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RAFAEL TAPANES

DISCIPLINE / SHEET TITLE:

LONGITUDINAL SECTION

SCALE: