

GENERAL NOTES

**1015.2.1 GLAZING.**  
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.

**1015.3 HEIGHT.**  
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 THE TREAD NOSINGS.  
3.O RAMP AND RAMPED AISLES, FROM THE RAMP SURFACE AT THE GUARD.

**1030.2 MINIMUM SIZE.**  
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.

**R314.1.1 LISTINGS.**  
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.

**R314.2WHERE REQUIRED.**  
SMOKE ALARMS SHALL BE PROVIDED IN ACCORDANCE WITH THIS SECTION.

**R314.2.1 NEW CONSTRUCTION.**  
SMOKE ALARMS SHALL BE PROVIDED IN DWELLING UNITS.

**R314.3LOCATION.**  
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.

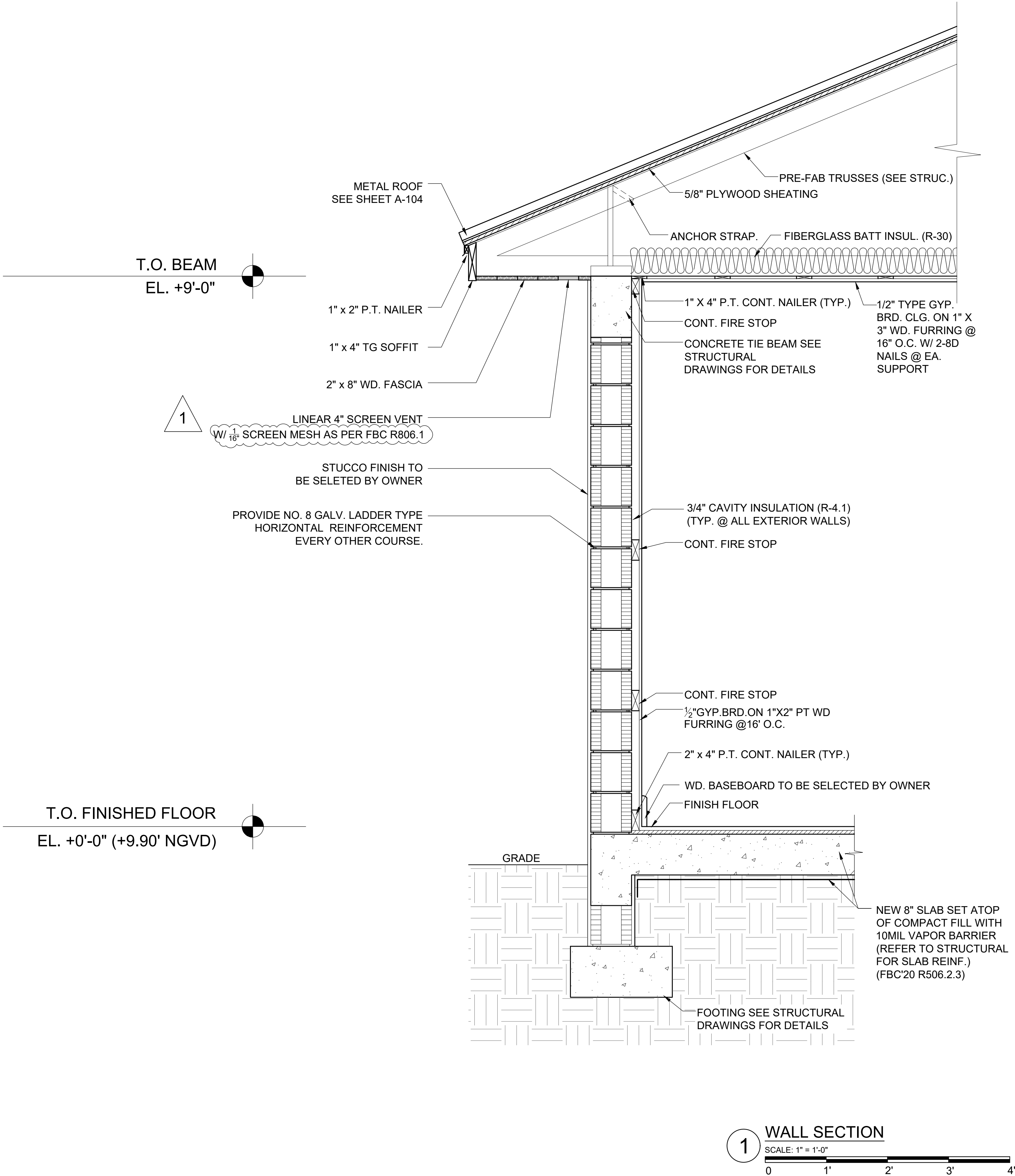
1.IONIZATION SMOKE ALARMS SHALL NOT BE INSTALLED LESS THAN 20 FEET (6096 MM) HORIZONTALLY FROM A PERMANENTLY INSTALLED COOKING APPLIANCE.

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 APPLIANCE.

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

ROOF DESCRPTION

SATIN FINISH GALVALUME STANDING SEAM ROOF (TYP) MANUF. BY BEST METAL ROOFING CORP. OR APPROVED EQUAL SET AS REQUIRED BY PCA CERTIFICATE OVER 43# TYPR II ASPHALT SATURATED ANCHOR SHEET SECURED TO 23/32" EXTERIOR GRADE PLYWOOD SHEATING WITH RING SHANKED NAILS WITHIN CAPS AND 90# MINERAL SURAFE CAP SHEET WITH A BITUMENOUS COMPOUND OF POLYGLASS POLYSTICK XRF.(NOA 20-0916.60) OR EQUAL TO COMPLY WITH SECTIONS R 901 & 905 OF THE F.B.C.



RA

REALIZATION

ARCHITECTS

1701 PONCE DE LEON | SUITE 201  
CORAL GABLES, FLORIDA 33134  
o - 305.284.7325  
e - ra@realizationarchitects.com  
w - www.realizationarchitects.com

CLIENT / PROJECT:

JUAN ROSELLO  
5125 SW 98 CT  
MIAMI, FL 33165

CONSULTANTS:

ATRIUM  
CONSULTING ENGINEERS  
390 W 33RD ST.  
HALEAH, FL 33012  
ATRIUM.INFO@ATRIUMENGINEERS.COM  
786.991.7299

REVISIONS

1

BLDG COMMENTS 04.10.23

DATE: 03.16.23

DRAWINGS AND SPECIFICATIONS AS INSTRUMENTS OF PROFESSIONAL SERVICE. ARE AND SHALL REMAIN THE PROPERTY OF REALIZATION ARCHITECTS LLC. THESE DOCUMENTS ARE NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECTS OR PURPOSES, OR BY ANY OTHER PARTIES, THAN THOSE PROPERLY AUTHORIZED BY CONTRACT. WITHOUT THE SPECIFIC WRITTEN AUTHORIZATION OF REALIZATION ARCHITECTS LLC.

RAFAEL TAPANES AR 97896

DISCIPLINE / SHEET TITLE:

LONGITUDINAL SECTION

SCALE: AS SHOWN

SHEET NO:

A-301