

DRAWING TITLE:

# BUILDING SECTION

PROJECT NAME:

BRALEY/THEALL RESIDENCE  
PORTLAND MAINE

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DATE OF ISSUE  
2.2.2017

REVISION DATE:  
4.03.2017  
DESCRIPTION  
CONCEPTUAL  
SCALE  
As indicated

PROJECT NUMBER  
2016-0400

## A301

HAND AND GUARD RAIL SPACING, HEIGHT AND GRIP SHALL MEET THE RESIDENTIAL BUILDING CODE R311.7.7 AND R312 REQUIREMENTS.

- 14 RISERS @ 7.43", TREAD AT 10"
- HAND RAIL 1 1/2" OFF OF WALL
- HAND RAIL GRIP 2" MAX DIAMETER, 1 1/4" MIN DIAMETER
- GUARD RAIL AT TREADS 34" FROM STAIR NOSE
- GUARD RAIL AT STORAGE LOFT 36" FROM FLOOR LEVEL
- HAND RAIL AND GUARD RAIL SPACED SO THAT A 4" SPHERE CANNOT PASS THROUGH.
- HEADROOM - STAIR IS OPEN TO ROOF LEVEL, NO IMPINGEMENT FROM STORAGE LOFT FLOOR FRAMING.

SEE PLAN A101 FOR HAND RAIL LOCATION AND DIMENSIONS

5 1/2"X11 7/8" LVL RIDGE BEAM.  
RIDGE BEAM MEMBERS BOLTED TOGETHER WITH 5/16" X 5 GRK BOLT

**ROOF CONSTRUCTION:**

- 30 YR ASPHALT ARCH LAMINATED ROOF SHINGLE
- MEMBRANE
- 5/8" AVANTECH SHEATHING
- 2X8 @ 16" O.C. ROOF FRAMING
- (3) GRK CONNECTORS RAFTER TO RIDGE
- (4) GRK CONNECTORS RAFTER TO TOP OF WALL

**FLOOR CONSTRUCTION:**

- 3/4 AVANTECK T&G
- 2X8 @ 16" O.C.

GAR TOW

9' - 6"

STORAGE T.O. SUB FLOOR

6' - 10"

**WALL CONSTRUCTION:**

- WHITE CEDAR CLEAR WOOD SHINGLE SIDING, UPPER
- HARDIBOARD SIDING
- 1/2" CDX PWD SHEATHING, SECURED TO FRAMING WITH NAIL GUN OR SCREWS
- MEMBRANE
- 2X6 @ 16" O.C.

GARAGE T.O. FDN WALL

-1' - 2"

TOS GARAGE

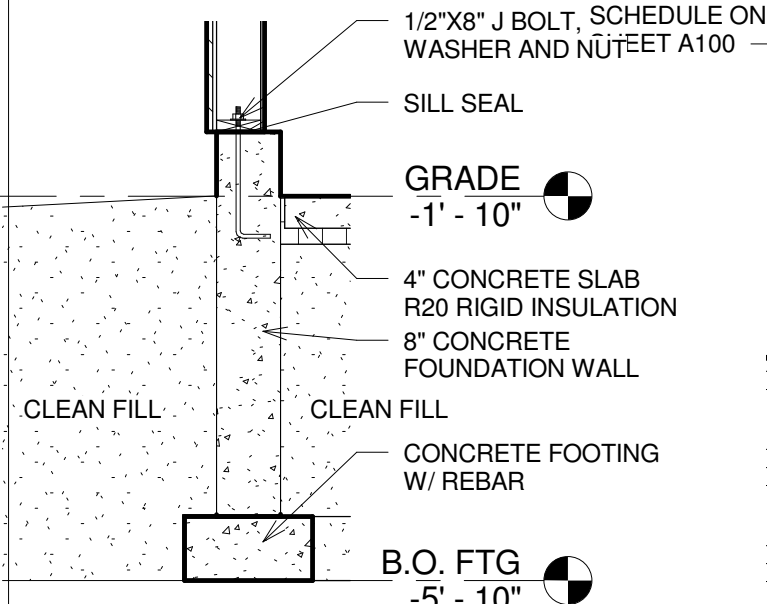
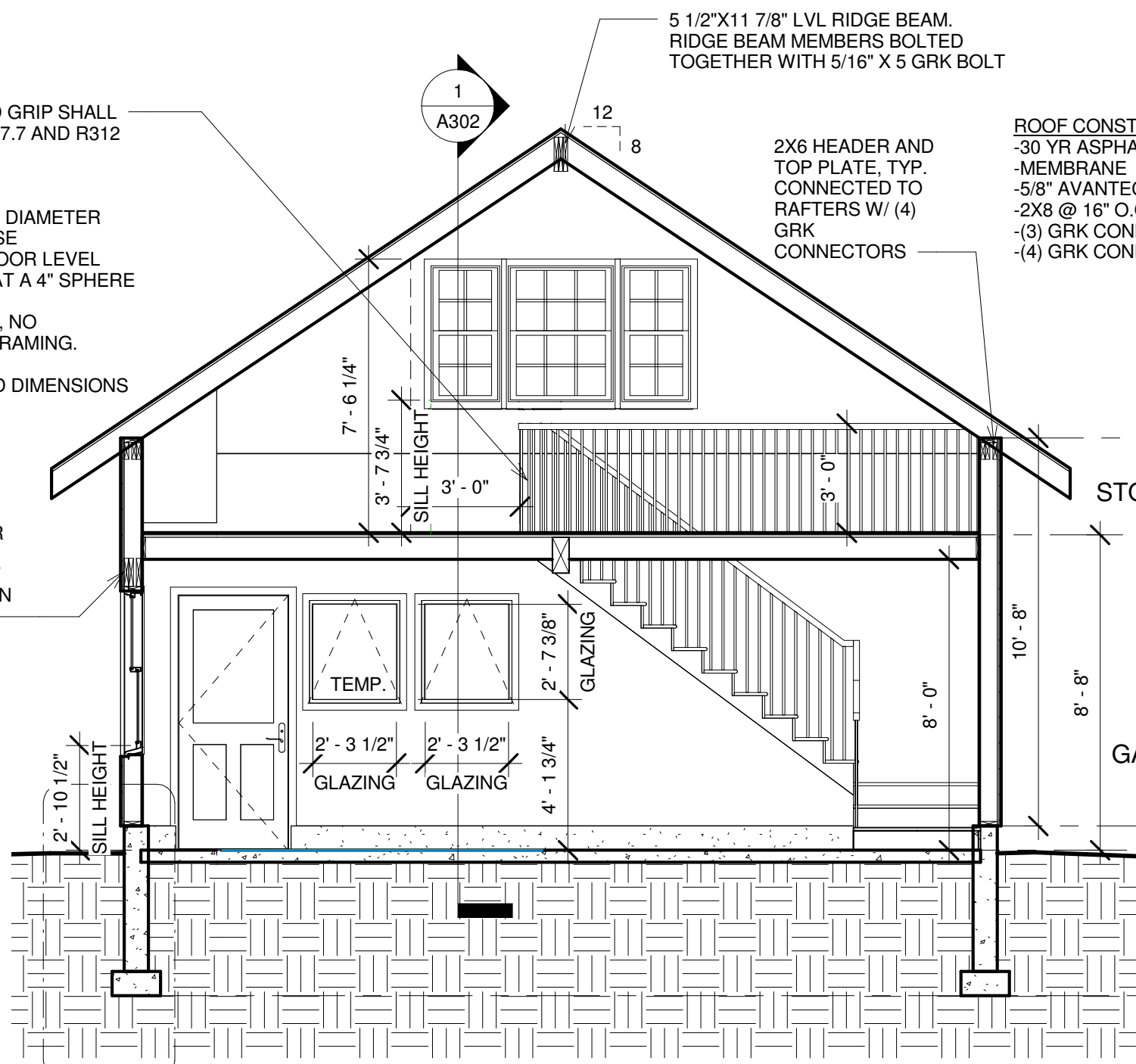
-1' - 10"

**FLOOR CONSTRUCTION:**

- 4" CONCRETE SLAB
- R20 RIGID INSULATION

B.O. FTG

-5' - 10"



2 NORTH SOUTH GARAGE SECTION  
A301 1/4" = 1'-0"

2 FOUNDATION DETAIL  
A301 1/2" = 1'-0"

UNDISTURBED EARTH