

**BUILDING SECTION**  
 PROJECT NAME:  
**BRALEY/THEALL RESIDENCE**  
 PORTLAND MAINE

DRAWING TITLE:  
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 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.

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:**

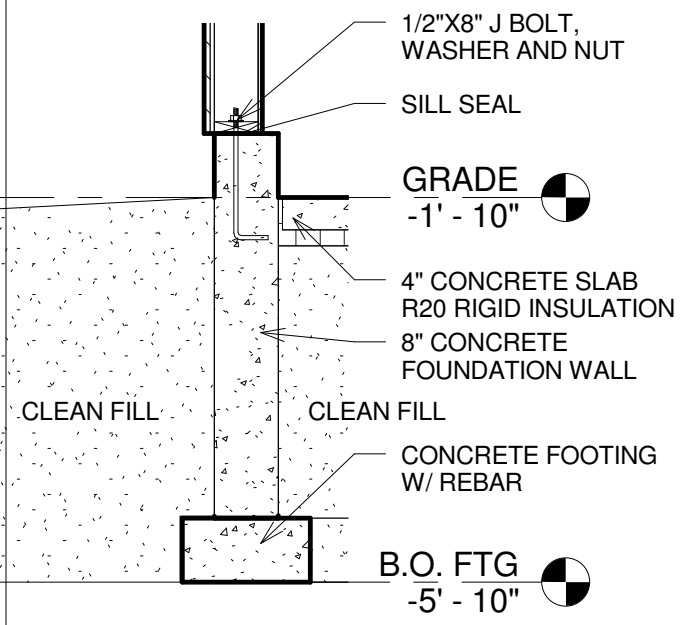
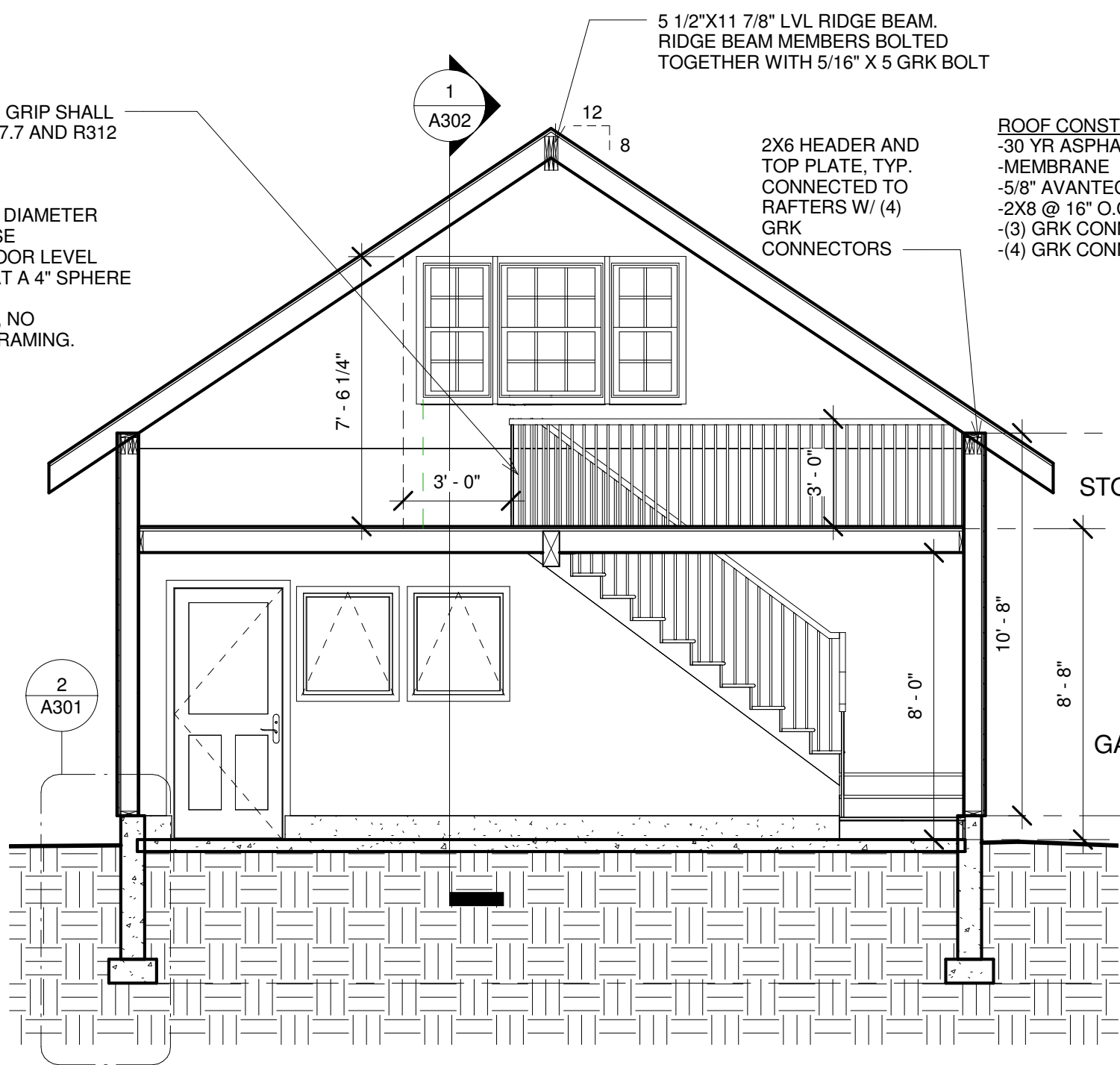
- WHITE CEDAR CLEAR WOOD SHINGLE SIDING, UPPER
- HARDIBOARD SIDING
- 1/2" CDX PWD SHEATHING, SECURED TO FRAMING WITH NAIL GUN OR SCREWS
- MEMBRANE
- 2X6 @ 16" O.C.

GARAGE T.O. FDN WALL -1' - 2"  
 TOS GARAGE -1' - 10"

**FLOOR CONSTRUCTION:**

- 4" CONCRETE SLAB
- R20 RIGID INSULATION

B.O. FTG -5' - 10"



UNDISTURBED EARTH

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

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