

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

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DESCRIPTION	CONCEPTUAL
SCALE	As indicated
PROJECT NUMBER	2016-0400

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

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.

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"

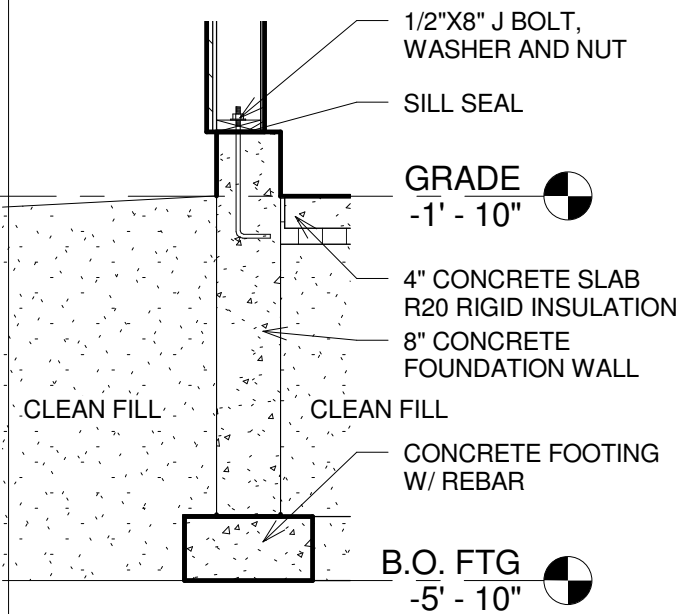
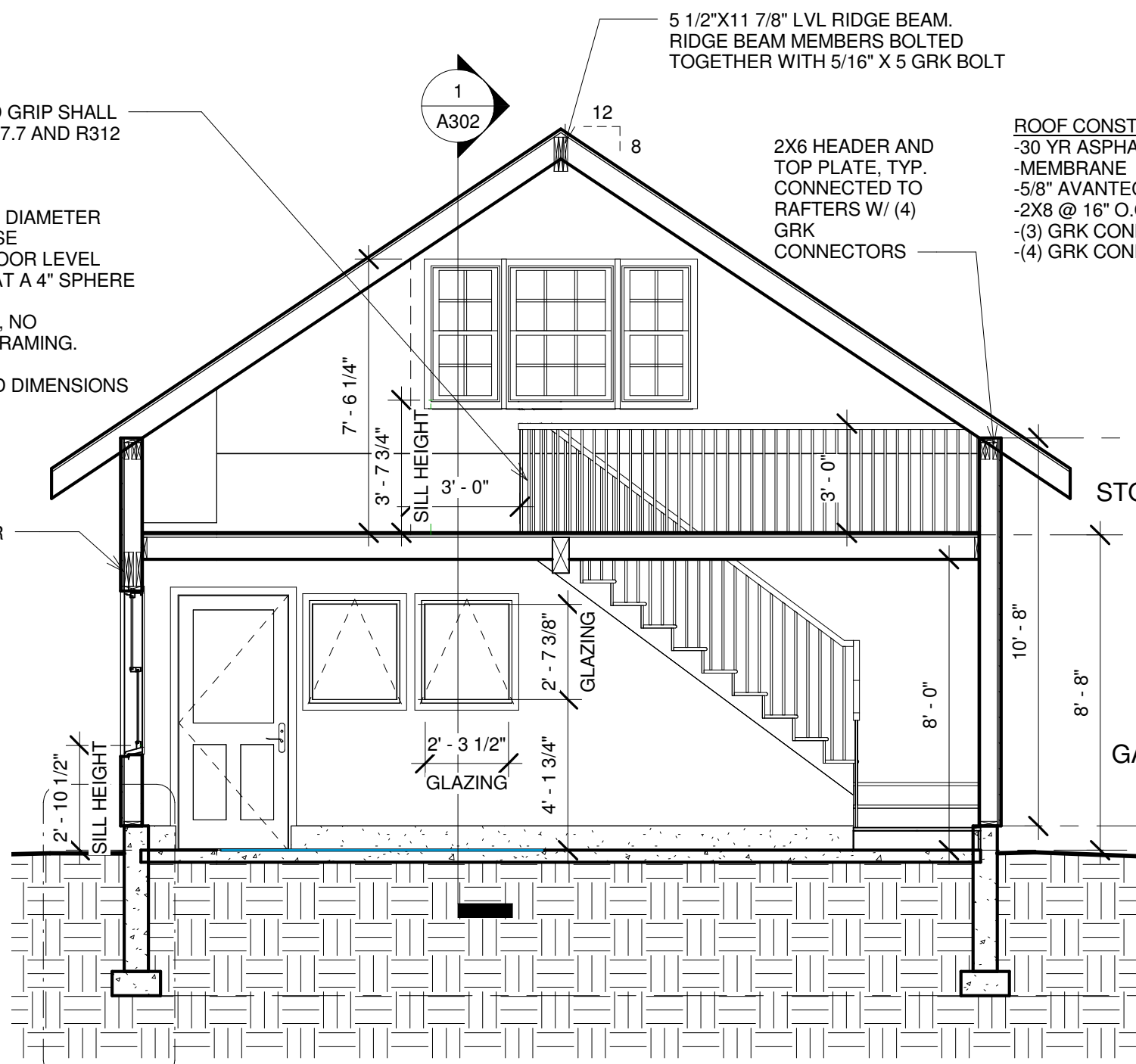
FLOOR CONSTRUCTION:

- 4" CONCRETE SLAB
- R20 RIGID INSULATION

B.O. FTG -5' - 10"

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

2X6 HEADER AND TOP PLATE, TYP. CONNECTED TO RAFTERS W/ (4) GRK CONNECTORS



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

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

UNDISTURBED EARTH