

DRAWING TITLE:

BUILDING SECTION

PROJECT NAME:

BRALEY/THEALL RESIDENCE
PORTLAND MAINE

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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.

SEE PLAN A101 FOR HAND RAIL LOCATION AND DIMENSIONS

(3) 1.75"X16" LVL RIDGE BEAM (see attached product sheet from Coastal Forest Product - "Roof A")
RIDGE BEAM MEMBERS BOLTED TOGETHER WITH 5/16" X 5 GRK BOLT

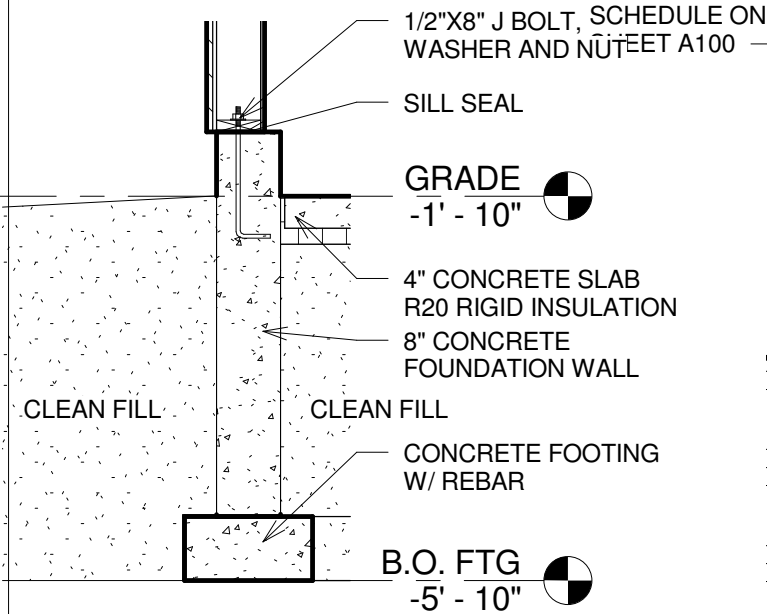
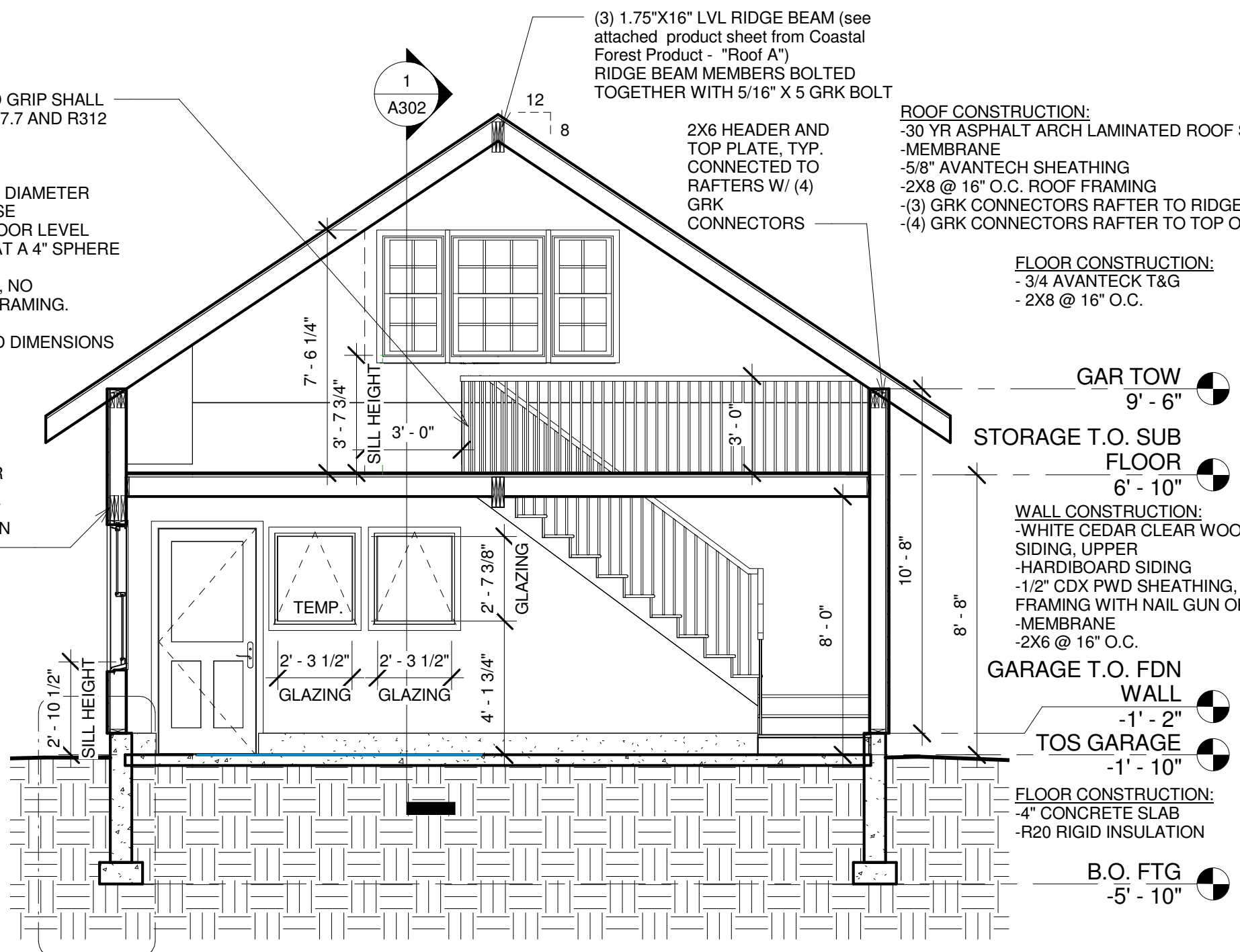
2X6 HEADER AND TOP PLATE, TYP. CONNECTED TO RAFTERS W/ (4) GRK CONNECTORS

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.



UNDISTURBED EARTH

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

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

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"