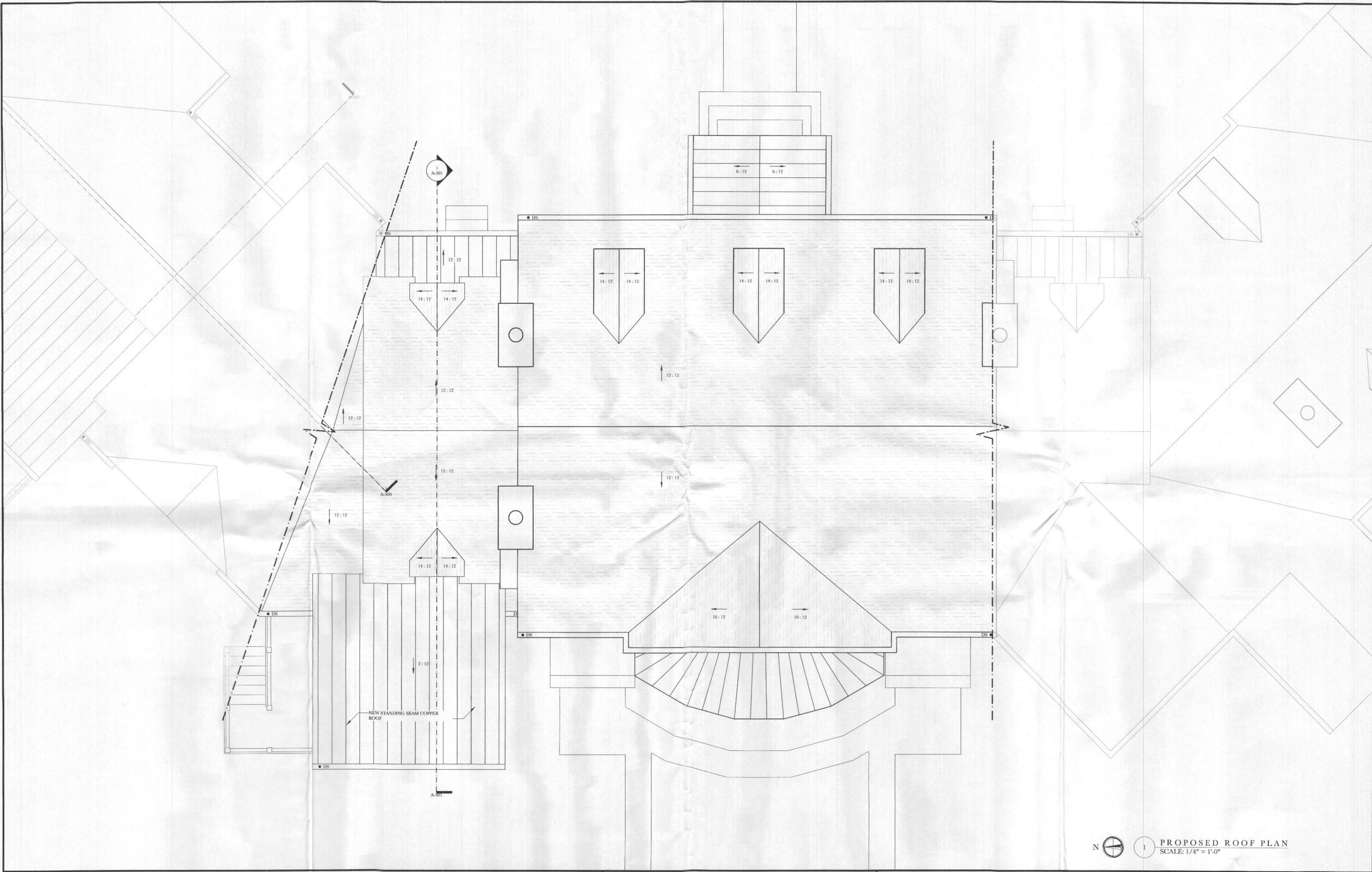



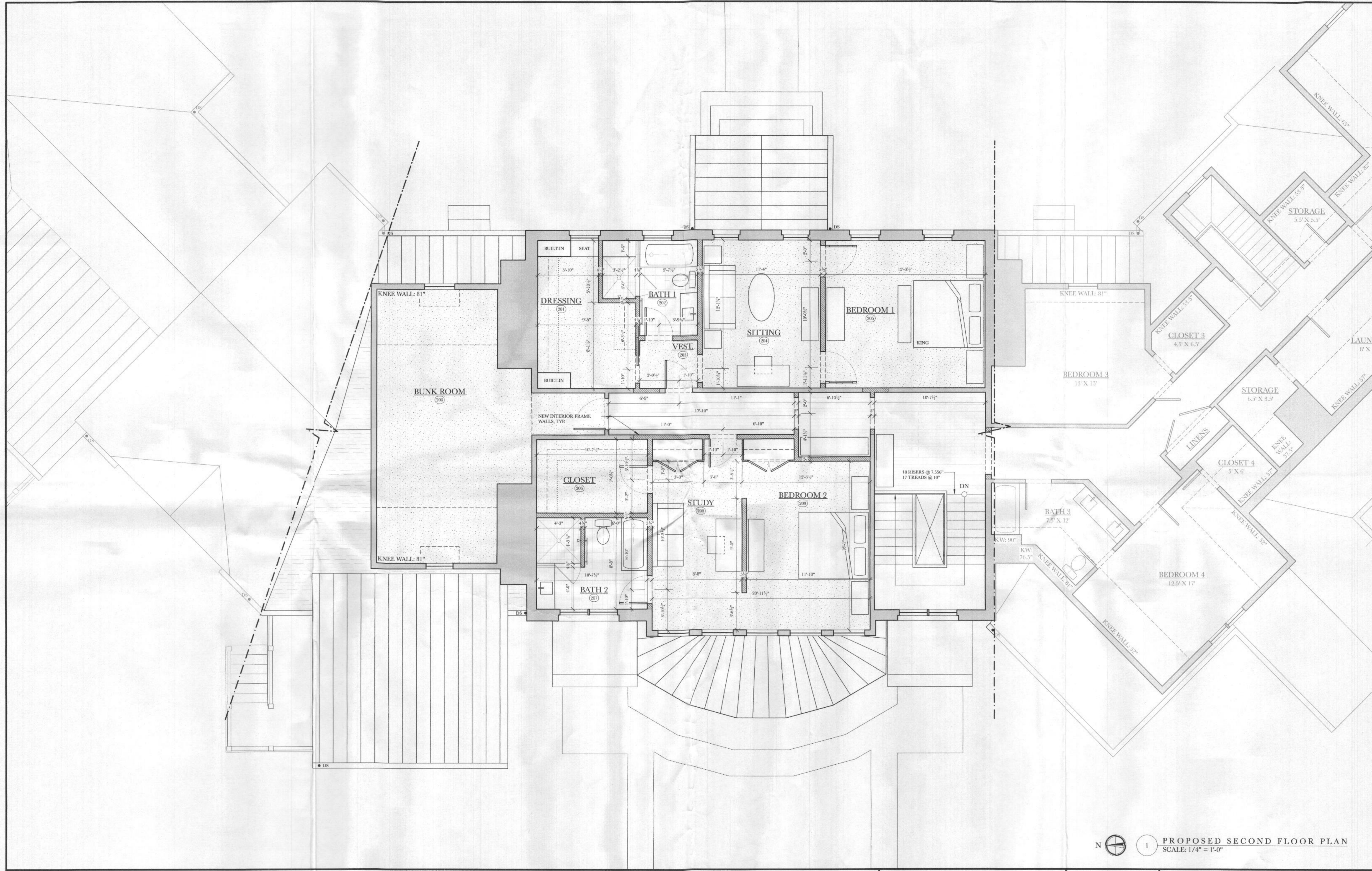
1 PROPOSED ROOF PLAN
SCALE: 1/4" = 1'-0"

<p>PROJECT NAME: BERG RESIDENCE 4580 CENTENNIAL LANE ELLCOTT CITY, MARYLAND 21042</p>	<p>DRAWING TITLE: PROPOSED ROOF PLAN</p>	<p>DATE: © 2017 GREENEARCH CREATED: 08/09/2016 SCALE: 1/4" = 1'-0" REVISED: 01/05/2017 _____ _____</p>	<p>SEAL: SHEET #: A-103 A</p>
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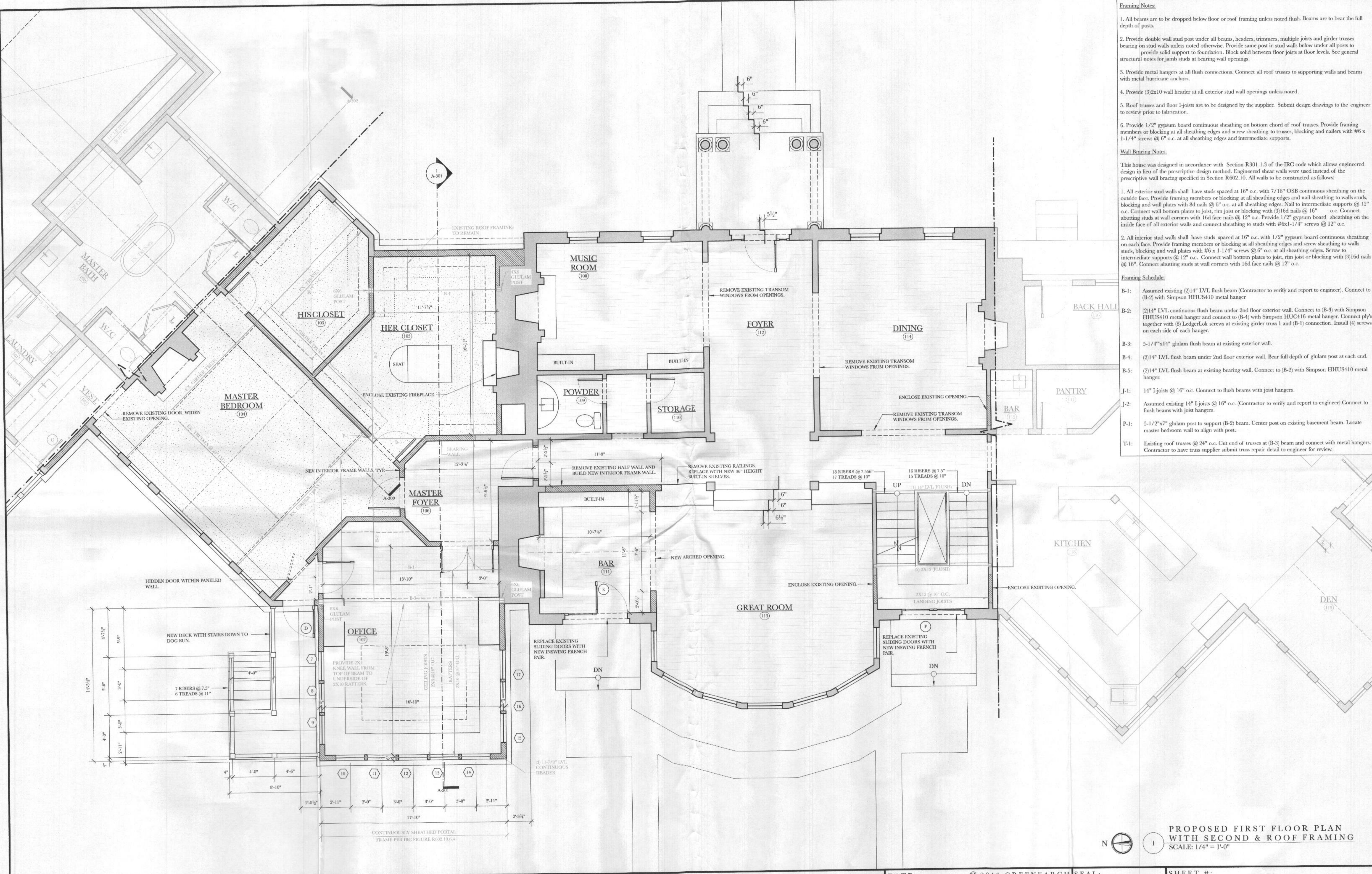


N  1 PROPOSED ROOF PLAN
SCALE: 1/4" = 1'-0"

<p>PROJECT NAME: BERG RESIDENCE 4580 CENTENNIAL LANE ELLICOTT CITY, MARYLAND 21042</p>	<p>DRAWING TITLE: PROPOSED ROOF PLAN</p>	<p>DATE: © 2017 GREENARCH CREATED: 08/09/2016 SCALE: 1/4" = 1'-0" REVISED: 01/05/2017</p>	<p>SEAL: SHEET #: A-103 B</p>
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<p>PROJECT NAME:</p> <p style="text-align: center;">BERG RESIDENCE 4580 CENTENNIAL LANE ELLCOTT CITY, MARYLAND 21042</p>	<p>DRAWING TITLE:</p> <p style="text-align: center;">PROPOSED SECOND FLOOR PLAN</p>	<p>DATE: © 2017 GREENARCH SEAL:</p> <p>CREATED: 08/09/2016 SCALE: 1/4" = 1'-0"</p> <p>REVISED: 01/05/2017</p>	<p>SHEET #:</p> <p style="text-align: center;">A-102</p>
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- Framing Notes:**
- All beams are to be dropped below floor or roof framing unless noted flush. Beams are to bear the full depth of posts.
 - Provide double wall stud post under all beams, headers, trimmers, multiple joists and girder trusses bearing on stud walls unless noted otherwise. Provide same post in stud walls below under all posts to provide solid support to foundation. Block solid between floor joists at floor levels. See general structural notes for jamb studs at bearing wall openings.
 - Provide metal hangers at all flush connections. Connect all roof trusses to supporting walls and beams with metal hurricane anchors.
 - Provide (3)2x10 wall header at all exterior stud wall openings unless noted.
 - Roof trusses and floor joists are to be designed by the supplier. Submit design drawings to the engineer to review prior to fabrication.
 - Provide 1/2" gypsum board continuous sheathing on bottom chord of roof trusses. Provide framing members or blocking at all sheathing edges and screw sheathing to trusses, blocking and nailers with #6 x 1-1/4" screws @ 6" o.c. at all sheathing edges and intermediate supports.
- Wall Bracing Notes:**
- This house was designed in accordance with Section R301.1.3 of the IRC code which allows engineered design in lieu of the prescriptive design method. Engineered shear walls were used instead of the prescriptive wall bracing specified in Section R602.10. All walls to be constructed as follows:
- All exterior stud walls shall have studs spaced at 16" o.c. with 7/16" OSB continuous sheathing on the outside face. Provide framing members or blocking at all sheathing edges and nail sheathing to walls studs, blocking and wall plates with #6 nails @ 6" o.c. at all sheathing edges. Nail to intermediate supports @ 12" o.c. Connect wall bottom plates to joist, rim joist or blocking with (3)16d nails @ 16" o.c. Connect abutting studs at wall corners with 16d face nails @ 12" o.c. Provide 1/2" gypsum board sheathing on the inside face of all exterior walls and connect sheathing to studs with #6x1-1/4" screws @ 12" o.c.
 - All interior stud walls shall have studs spaced at 16" o.c. with 1/2" gypsum board continuous sheathing on each face. Provide framing members or blocking at all sheathing edges and screw sheathing to walls studs, blocking and wall plates with #6 x 1-1/4" screws @ 6" o.c. at all sheathing edges. Screw to intermediate supports @ 12" o.c. Connect wall bottom plates to joist, rim joist or blocking with (3)16d nails @ 16" o.c. Connect abutting studs at wall corners with 16d face nails @ 12" o.c.
- Framing Schedule:**
- B-1: Assumed existing (2)14" LVL flush beam (Contractor to verify and report to engineer). Connect to (B-2) with Simpson HHUS410 metal hanger.
 - B-2: (2)14" LVL continuous flush beam under 2nd floor exterior wall. Connect to (B-3) with Simpson HHUS410 metal hanger and connect to (B-4) with Simpson HUC416 metal hanger. Connect ply's together with (3) LedgerLok screws at existing girder truss 1 and (B-1) connection. Install (4) screws on each side of each hanger.
 - B-3: 5-1/4"x14" glulam flush beam at existing exterior wall.
 - B-4: (2)14" LVL flush beam under 2nd floor exterior wall. Bear full depth of glulam post at each end.
 - B-5: (2)14" LVL flush beam at existing bearing wall. Connect to (B-2) with Simpson HHUS410 metal hanger.
 - J-1: 14" I-joists @ 16" o.c. Connect to flush beams with joist hangers.
 - J-2: Assumed existing 14" I-joists @ 16" o.c. (Contractor to verify and report to engineer). Connect to flush beams with joist hangers.
 - P-1: 5-1/2"x7" glulam post to support (B-2) beam. Center post on existing basement beam. Locate master bedroom wall to align with post.
 - T-1: Existing roof trusses @ 24" o.c. Cut end of trusses at (B-3) beam and connect with metal hangers. Contractor to have truss supplier submit truss repair detail to engineer for review.

1 PROPOSED FIRST FLOOR PLAN WITH SECOND & ROOF FRAMING SCALE: 1/4" = 1'-0"

PROJECT NAME: BERG RESIDENCE 4580 CENTENNIAL LANE ELLCOTT CITY, MARYLAND 21042	DRAWING TITLE: PROPOSED FIRST FLOOR PLAN WITH SECOND FLOOR & ROOF FRAMING	DATE: © 2017 GREENARCH	SEAL:	SHEET #: A-101 B
		CREATED: 08/09/2016 REVIS: 01/05/2017	SCALE: 1/4" = 1'-0"	
VINCENT GREENE ARCHITECTS 733 WEST 40TH STREET SUITE 250 PS BALTIMORE MARYLAND 21211		WWW.VGARCHITECT.COM		PHONE: 410-366-9982