

DAVE AND DESTINY GROEN - A GROEN CONSTRUCTION HOME

CHESLEY HILL ROAD ~ ROCHESTER, NH 03839

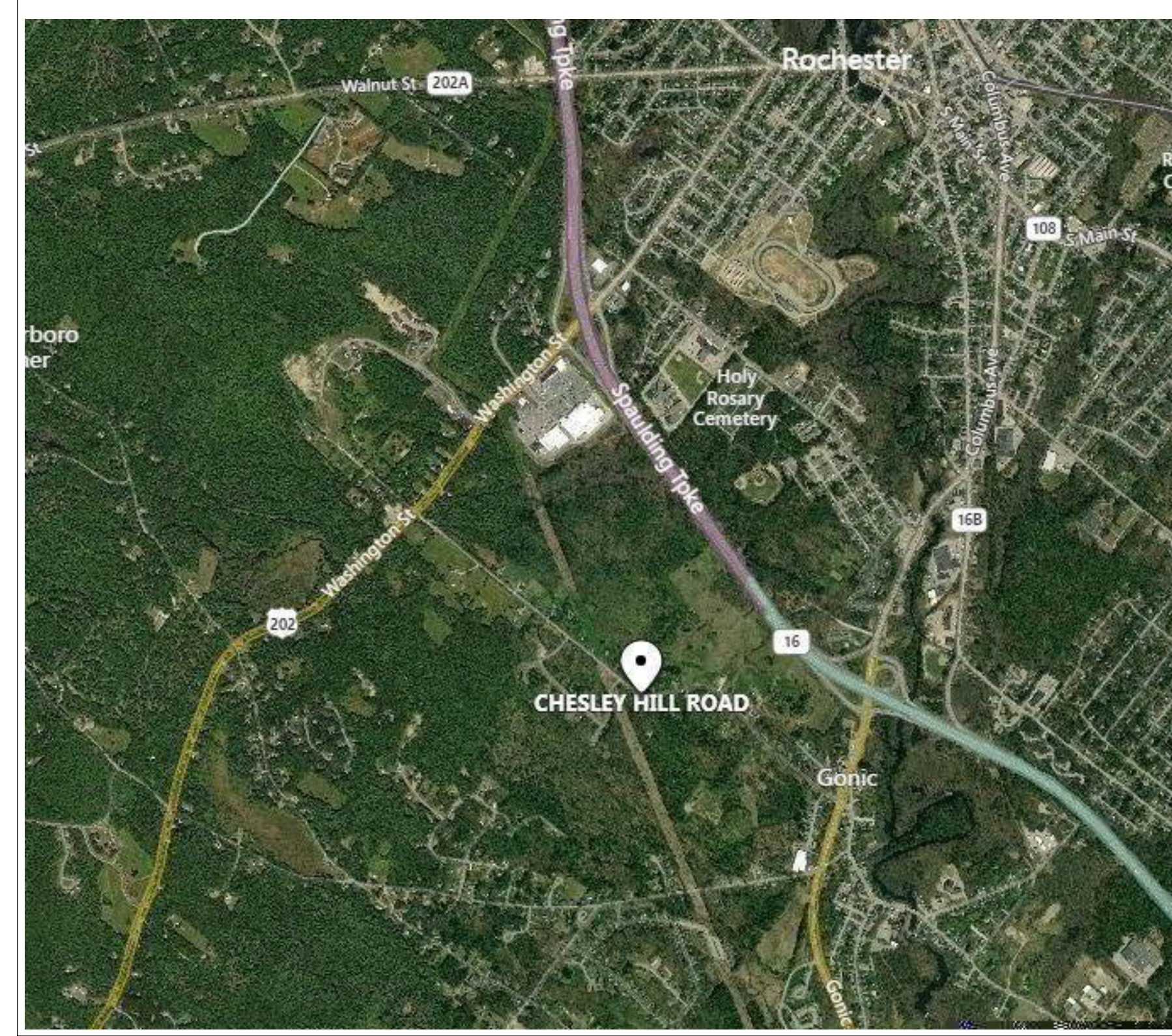


RENDERINGS PORTRAY GENERAL PROJECT CONCEPT ONLY. REFER TO FLOOR PLANS, ELEVATIONS, AND SECTIONS FOR CONSTRUCTION DETAILS.

OPENING SCHEDULE

ID	LIBRARY NAME	#	SIZE	R.O. SIZE	DESCRIPTION
LOWER LEVEL					
1	2832-3 DH	1	8'-2"X3'-5"	8'-3"X3'-6"	HARVEY CLASSIC VINYL DOUBLE HUNG WINDOW
2	C2836	1	2'-7½"X3'-5½"	2'-8½"X3'-6½"	HARVEY CLASSIC VINYL CASEMENT WINDOW
A	2868 RH - S6022	1	2'-9½"X6'-10"	2'-10½"X6'-10½"	THERMATRU SMOOTHSTAR FIBERGLASS ENTRY DOOR
B	9073 OHD	2	9'-0"X7'-3"	9'-1½"X7'-4"	GARAGA INSULATED STEEL OVERHEAD DOOR
C	8073 OHD	1	8'-0"X7'-3"	8'-1½"X7'-4"	GARAGA INSULATED STEEL OVERHEAD DOOR
D	2868 LH - SSF220	1	2'-9½"X6'-10"	2'-10½"X6'-10½"	THERMATRU SMOOTHSTAR FIBERGLASS FIRE DOOR
MAIN LEVEL					
3	20-5056-20	1	9'-2"X5'-9"	9'-3"X5'-10"	HARVEY CLASSIC VINYL DOUBLE HUNG/PICTURE WINDOW
4	AWN 31	2	3'-0"X2'-0"	3'-1"X2'-1"	HARVEY CLASSIC VINYL AWNING WINDOW
5	18-50310-18	1	8'-6"X4'-1"	8'-7"X4'-2"	HARVEY CLASSIC VINYL DOUBLE HUNG/PICTURE WINDOW
6	2842 DH	4	2'-9½"X4'-5"	2'-10½"X4'-6"	HARVEY CLASSIC VINYL DOUBLE HUNG WINDOW
7	AWN 21	1	2'-0"X2'-0"	2'-1"X2'-1"	HARVEY CLASSIC VINYL AWNING WINDOW
8	2952E DH	2	2'-11"X5'-5"	3'-0"X5'-6"	HARVEY CLASSIC VINYL DOUBLE HUNG WINDOW
9	18-5046-18	1	8'-6"X4'-9"	8'-7"X4'-10"	HARVEY CLASSIC VINYL DOUBLE HUNG/PICTURE WINDOW
E	3068 LH - S4812	1	3'-0"X6'-8"	3'-3"X6'-9½"	THERMATRU SMOOTHSTAR FIBERGLASS ENTRY DOOR
F	PD 60610	1	5'-11¼"X6'-10"	6'-0¾"X6'-10½"	HARVEY CLASSIC VINYL PATIO DOOR
G	2868 LH - S682	1	2'-9½"X6'-10"	2'-10½"X6'-10½"	THERMATRU SMOOTHSTAR FIBERGLASS ENTRY DOOR
UPPER LEVEL					
10	20210 DH	1	2'-1½"X3'-1"	2'-2½"X3'-6"	HARVEY CLASSIC VINYL DOUBLE HUNG WINDOW
11	20-4042-20	1	8'-2"X4'-5"	8'-3"X4'-6"	HARVEY CLASSIC VINYL DOUBLE HUNG/PICTURE WINDOW
12	C2436	1	2'-4½"X3'-5½"	2'-5½"X3'-6½"	HARVEY CLASSIC VINYL CASEMENT WINDOW
2	C2836	1	2'-7½"X3'-5½"	2'-8½"X3'-6½"	HARVEY CLASSIC VINYL CASEMENT WINDOW
8	2952E DH	2	2'-11"X5'-5"	3'-0"X5'-6"	HARVEY CLASSIC VINYL DOUBLE HUNG WINDOW

LOCUS MAP



OPENING NOTES:
 -ALL EXTERIOR WINDOWS AND DOORS TO BE ENERGY STAR RATED.
 -ALL CASEMENT WINDOWS TO HAVE SIMULATED MEETING RAIL AT MID HEIGHT OF SASH.
 -ALL WINDOWS TO HAVE SINGLE VERTICAL GBG IN TOP SASH ONLY.
 -WINDOWS MARKED WITH AN ASTERISK TO HAVE TEMPERED GLASS.
 -ALL WINDOWS TO HAVE 3" FLAT CASING WITH INTEGRATED J-CHANNEL

SHEET	DESCRIPTION
CS	COVER SHEET
A1	LOWER LEVEL PLAN
A2	MAIN LEVEL PLAN
A3	UPPER LEVEL PLAN
A6	SECTIONS

AREA SCHEDULE	
LOWER LEVEL	490 SF
GARAGE	1,005 SF
MAIN LEVEL	1,495 SF
PORCH	116 SF
UPPER LEVEL	490

-ALL EXTERIOR THERMATRU DOORS TO HAVE WHITE VINYL CLAD COMPOSITE JAMBS AND VINYL CLAD 3 1/2" FLAT CASING WITH INTEGRATED J-CHANNEL.
 -ALL EXTERIOR WINDOWS/DOORS TO BE INSTALLED WITH A NOMINAL 1/2" GAP BETWEEN WINDOW/DOOR AND FRAMING.

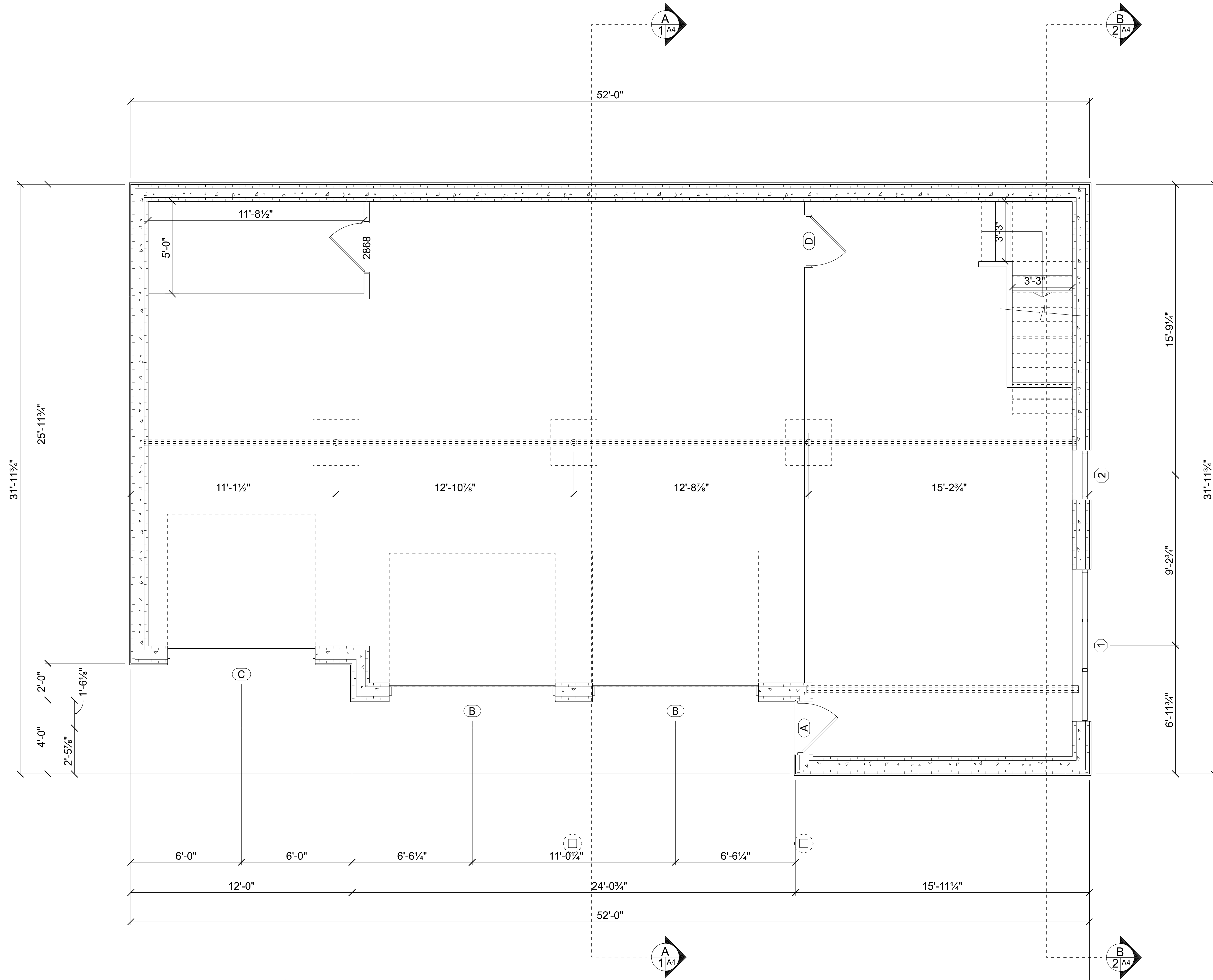
CS

REVISION	DATE
REV1	2019-09-25
REV2	2019-10-11
REV3	2020-03-05

SCALE: 3/8"=1' (24X36)
 SCALE: 3/16"=1' (12X18)
 DRAWN BY: JMG
 DATE: MARCH 5, 2020
 CONSTRUCTION DRAWINGS

D&D GROEN HOME
 CHESLEY HILL ROAD
 ROCHESTER, NH 03839

GROEN CONSTRUCTION
 120 WASHINGTON STREET SUITE 302
 ROCHESTER, NH 03867 ~ TEL: (603)332-6551



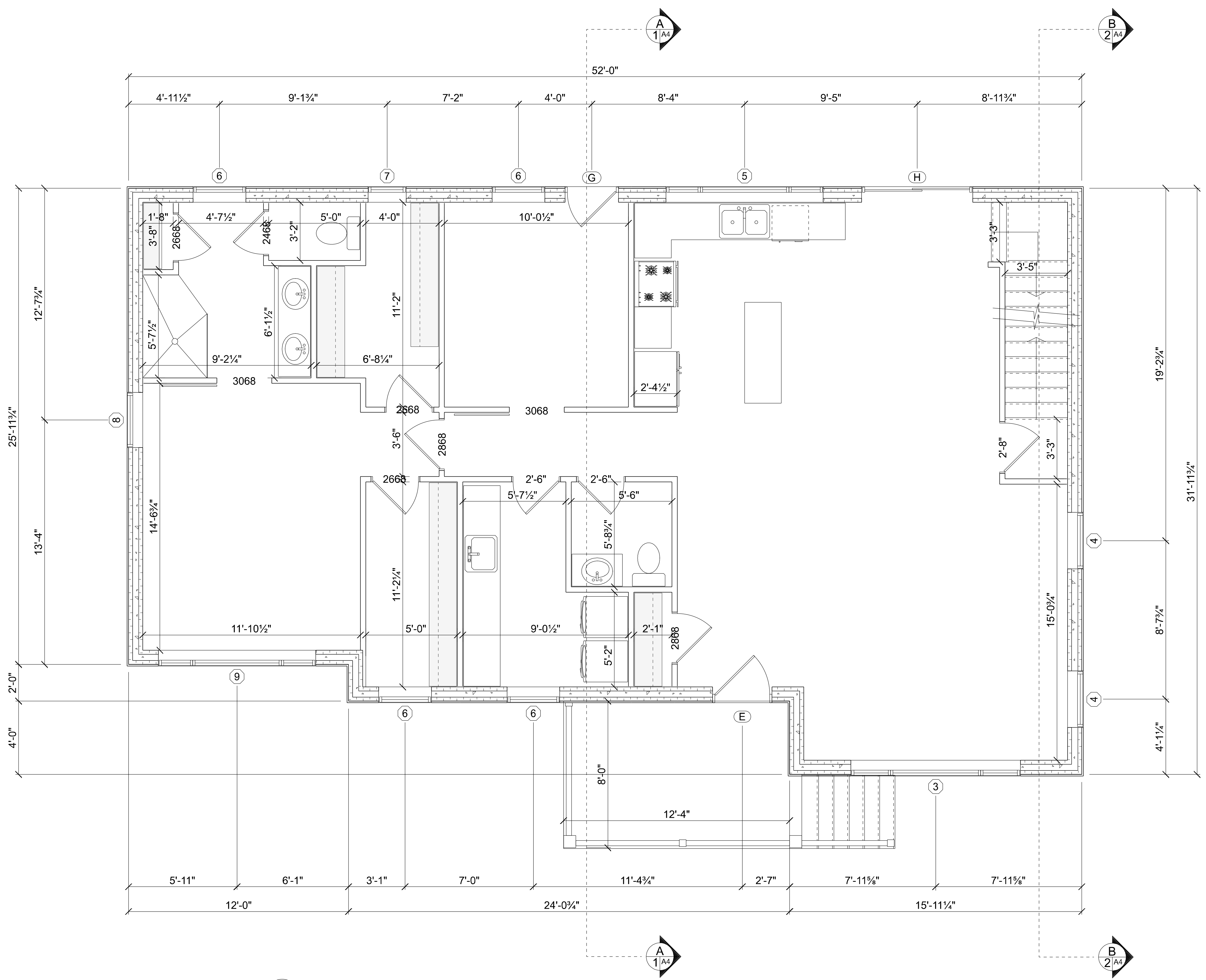
A1 LOWER LEVEL PLAN ~ 1,495 SF

GREEN
CONSTRUCTION
 120 WASHINGTON STREET SUITE 302
 ROCHESTER, NH 03867 ~ TEL: (603)332-6551

SCALE: 3/8"=1' (24X36)	REVISION	REV1 2019-09-25
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A1

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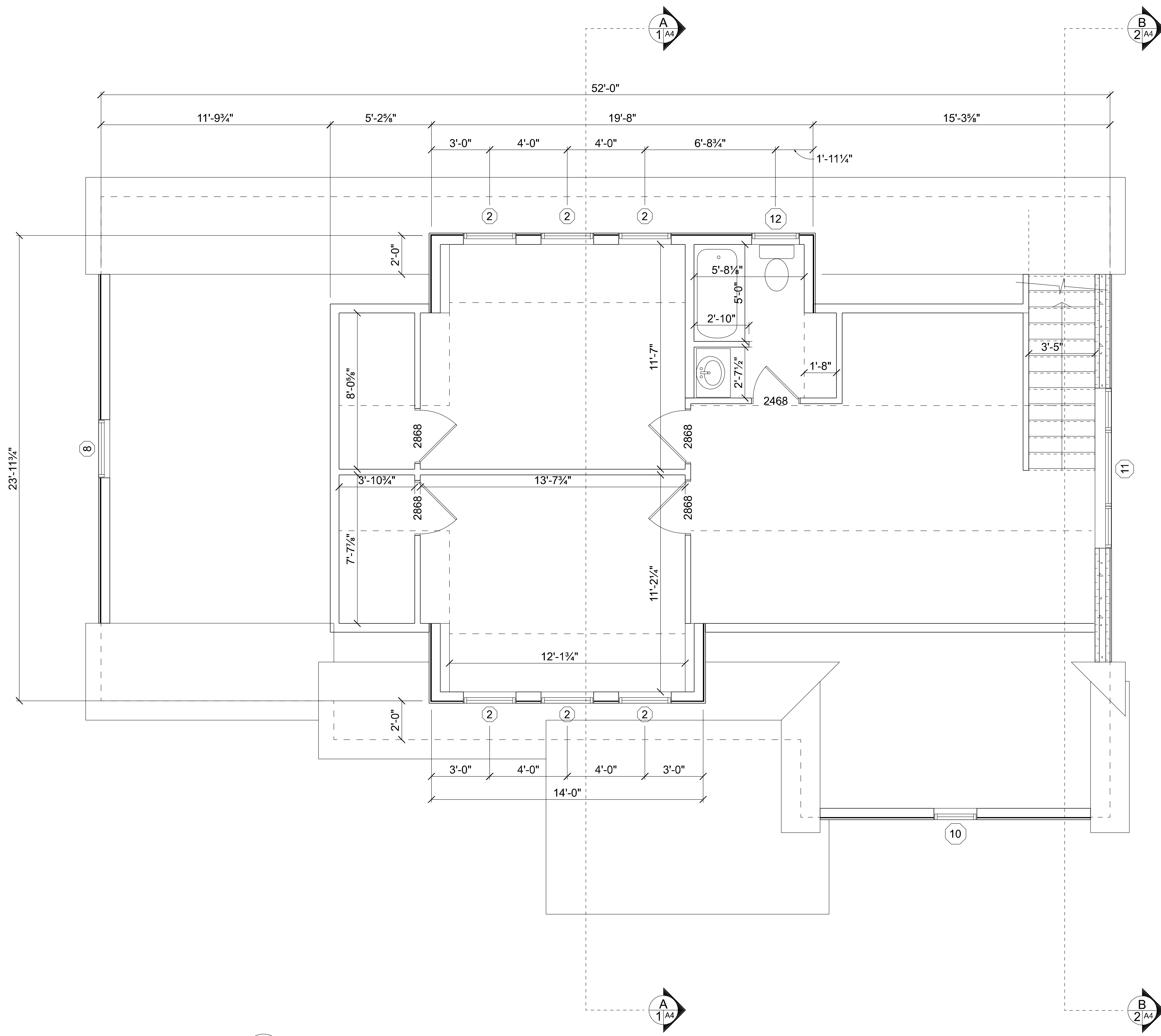
A2 MAIN LEVEL PLAN ~ 1,495

GT GROEN CONSTRUCTION
 120 WASHINGTON STREET SUITE 302
 ROCHESTER, NH 03867 ~ TEL: (603)332-6551

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A2



A3 UPPER LEVEL PLAN ~ 774 SF



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A3

GENERAL REQUIREMENTS

- ALL WORK TO CONFORM TO ALL APPLICABLE STATE AND LOCAL CODES
- ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWINGS/SPECIFICATIONS AND APPLICABLE CODES SHALL BE BROUGHT TO THE CONTRACTOR'S ATTENTION PRIOR TO PROCEEDING WITH ANY AFFECTED WORK
- ANY DISCREPANCIES IN DIMENSIONS, ELEVATIONS, OR GENERAL CONDITIONS SHALL BE BROUGHT TO THE CONTRACTOR'S ATTENTION PRIOR TO PROCEEDING WITH ANY AFFECTED WORK
- JOB SITE IS TO BE KEPT CLEAN WITH ALL WASTE PLACED IN DUMPSTER DAILY
- SUBCONTRACTORS ARE RESPONSIBLE TO PERFORM THEIR WORK IN A SAFE MANNER USING APPROPRIATE SAFEGUARDS AND PERSONAL PROTECTIVE EQUIPMENT

CAST IN PLACE CONCRETE SPECIFICATIONS

- ALL CONCRETE TO CONFORM TO CURRENT BUILDING CODE REQUIREMENTS
- ALL CONCRETE TO BE 3000 P.S.I. MIX OR GREATER
- FROST WALLS TO EXTEND MINIMUM 4'-0" BELOW GRADE
- ALL CONCRETE WALLS TO BE 6" CORE INSULATED CONCRETE FORMS (ICF).
- FOOTINGS TO BE MINIMUM 8"x16"
- FLOOR SLAB TO BE MINIMUM 4" THICK
- DO NOT BACKFILL FOUNDATION UNTIL FIRST FLOOR SYSTEM IS IN PLACE.
- DO NOT USE AIR ENTRAINED CONCRETE FOR INTERIOR SLABS WITH TROWELED FINISHES
- SAW CUT SLAB CONTROL JOINTS IMMEDIATELY AFTER SLAB FINISHING

ICF WALL REBAR SPECIFICATIONS

- ALL REBAR #4 UNLESS OTHERWISE SPECIFIED
- HORIZONTAL REBAR 18" O.C. ALTERNATING INSIDE AND OUTSIDE REBAR TRACK
- 1 HORIZONTAL REBAR AT TOP OF WALL
- HORIZONTAL 2'-0"x2'-0" REBAR CORNERS 18" O.C.
- 1 VERTICAL REBAR EVERY 2'-8"
- 1 VERTICAL REBAR EACH SIDE OF OPENING
- 2 HORIZONTAL REBAR ABOVE OPENING
- 1 HORIZONTAL REBAR BELOW OPENING
- OVERLAP ALL REBAR MINIMUM 20 TIMES BAR DIAMETER

WOOD FRAMING SPECIFICATIONS

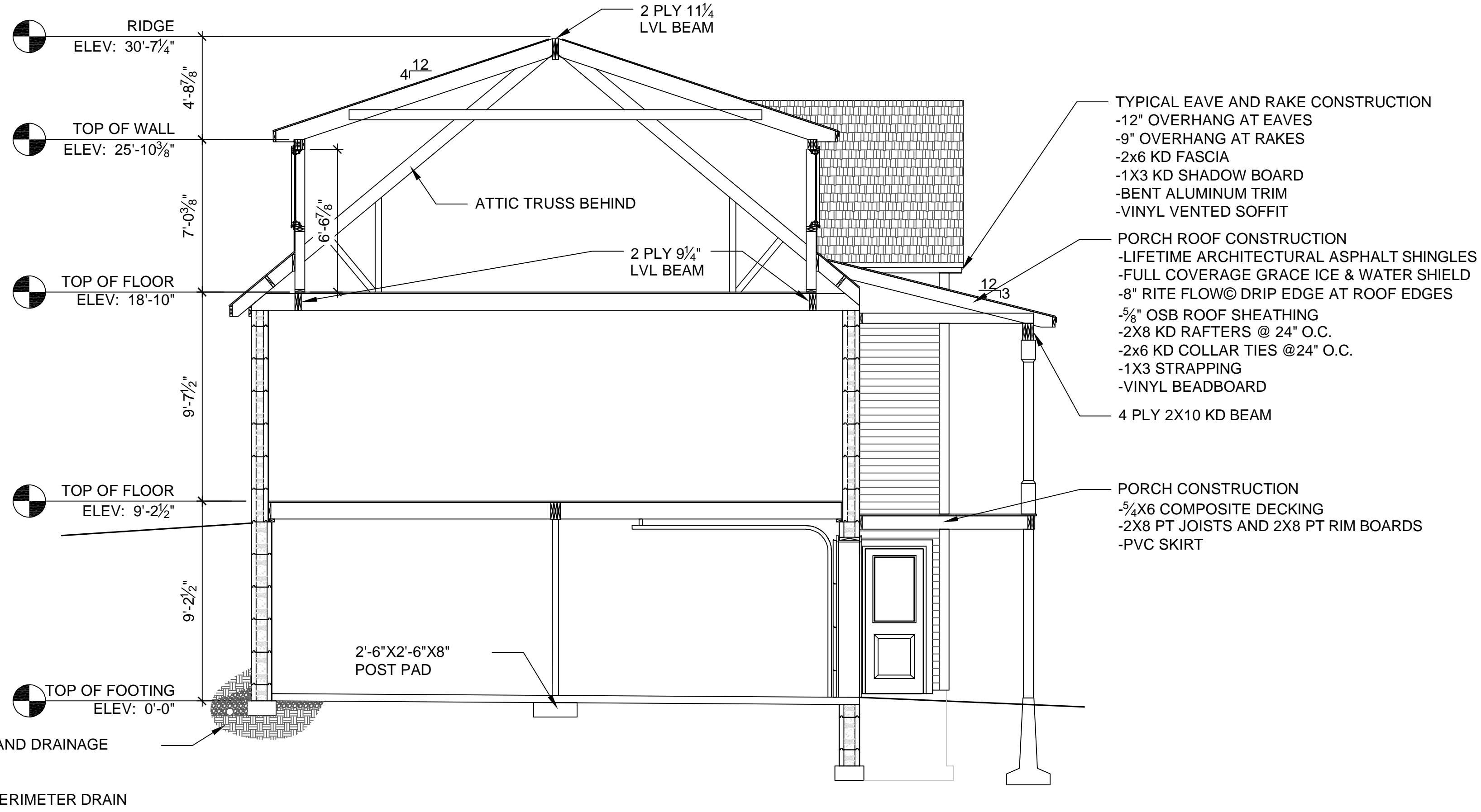
- ALL FRAMING TO CONFORM TO CURRENT BUILDING CODE REQUIREMENTS
- ALL FRAMING TO BE SPRUCE-PINE-FIR #2 OR BETTER (U.N.O.)
- ANY WOOD IN CONTACT WITH CONCRETE, MASONRY OR EARTH TO BE PRESSURE TREATED
- ANY FASTENERS EMBEDDED IN PRESSURE TREATED LUMBER TO BE HOT DIPPED GALVANIZED, STAINLESS STEEL OR EQUIVALENT
- ALL FRAMING TO BE BUILT PLUMB, LEVEL, AND SQUARE; ALL FRAMING CONNECTIONS TO BE CUT AND TIGHTLY FITTED TO ENSURE FULL SURFACE CONTACT BETWEEN CONNECTIONS
- FLOOR SHEATHING TO BE 3/4" TONGUE & GROOVE ADVANTEC (U.N.O.) GLUED AND NAILED WITH 8d RING NAILS
- WALL SHEATHING TO BE 1/2" OSB NAILED WITH 8d NAILS
- ROOF SHEATHING TO BE 5/8" OSB NAILED WITH 8d NAILS
- ALL SHEATHING TO BE INSTALLED WITH LONG 8" DIMENSION PERPENDICULAR TO FRAMING MEMBERS AND JOINTS STAGGERED
- ALL SHEATHING TO BE NAILED PER MANUFACTURER'S INSTRUCTIONS
- ALL NECESSARY SIMPSON(OR EQUIVALENT) METAL CONNECTORS TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS
- ALL HEADERS OVER OPENINGS ON LOAD BEARING EXTERIOR WALLS TO BE 2 PLY 2X10 KD (U.N.O.) (SEE DETAIL 3)
- ALL LOAD BEARING HEADERS OVER 6'-0" IN LENGTH TO HAVE DOUBLE JACKS EACH SIDE OF OPENING (U.N.O.)
- EXTERIOR WALL WOOD FRAMING TO BE 2X6 KD LUMBER WITH DOUBLE TOP PLATE (U.N.O.)
- INTERIOR WALL WOOD FRAMING TO BE 2X4 KD LUMBER WITH SINGLE TOP PLATE (U.N.O.)

EXTERIOR OPENING SPECIFICATIONS

- FOLLOW ALL WINDOW AND DOOR MANUFACTURER'S INSTALLATION INSTRUCTIONS
- FLASH WINDOWS AND DOORS WITH ZIP SYSTEM FLASHING TAPE
- WINDOWS TO BE HARVEY VICON VINYL NEW CONSTRUCTION OR EQUIVALENT
- WALK DOORS TO BE THERMATRU SMOOTHSTAR OR EQUIVALENT
- OVERHEAD DOORS TO BE GARAGA R16 INSULATED STEEL DOOR OR EQUIVALENT

EXTERIOR FINISHES SPECIFICATIONS

- LIFETIME ASPHALT ARCHITECTURAL SHINGLES
- CERTAINTED MAINSTREET VINYL SIDING AND CORNERS OR EQUIVALENT
- ALL RAKE AND EAVE TRIM TO WRAPPED IN ALUMINUM COILSTOCK
- FRONT PORCH DECKING TO BE TREX SELECT COMPOSITE DECKING OR EQUIVALENT



TYPICAL FOOTING AND DRAINAGE CONSTRUCTION
 -8"x16" FOOTING
 -4" CORRUGATED PERIMETER DRAIN

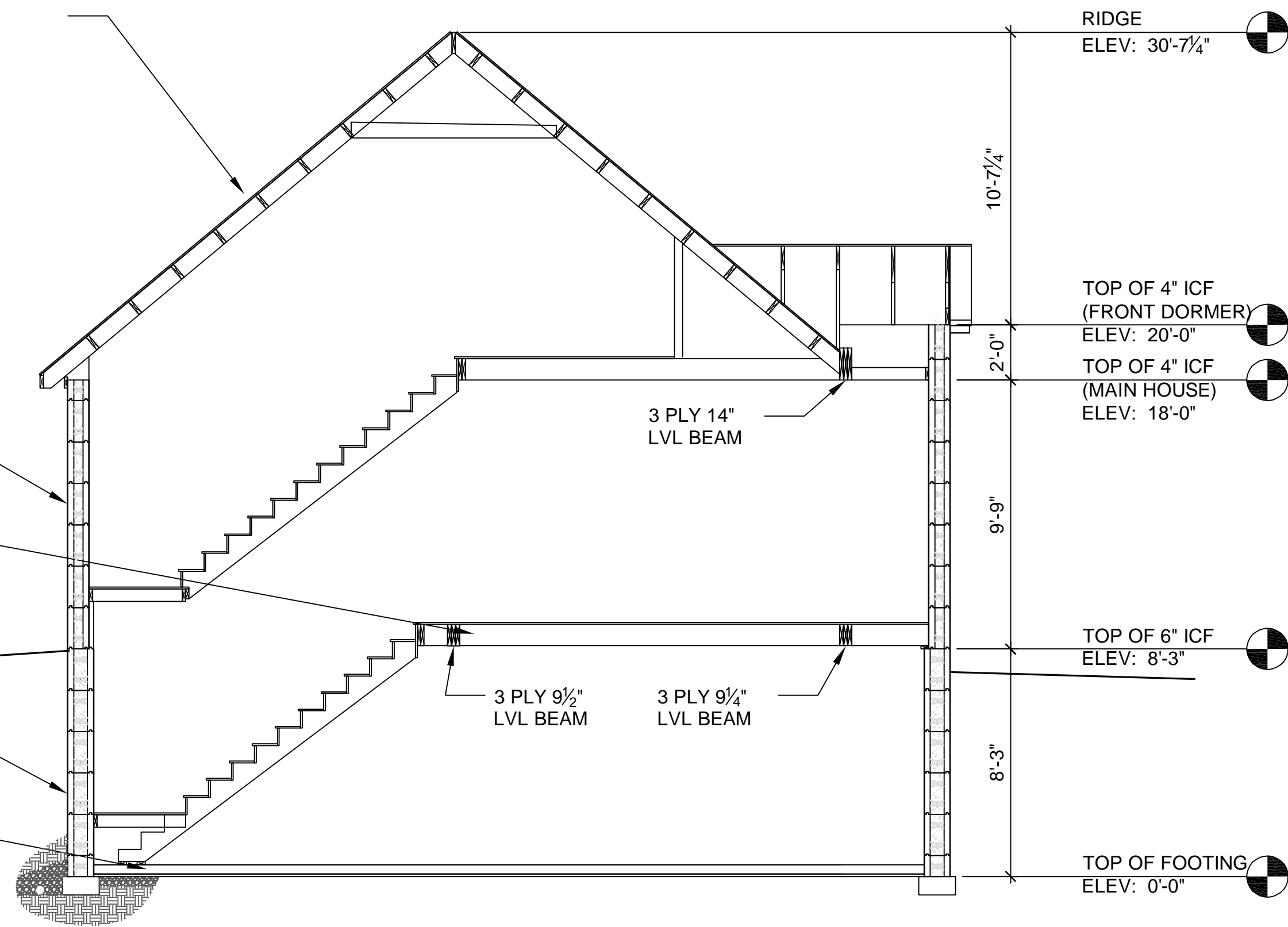
TYPICAL ROOF CONSTRUCTION
 -LIFETIME ARCHITECTURAL ASPHALT SHINGLES
 -CONTINUOUS RIDGE VENT
 -2 COURSES OF GRACE ICE & WATER SHIELD AT EAVES AND 1 ROW AT ROOF/WALL INTERSECTIONS AND IN VALLEYS
 -20 LB FELT UNDERLAYMENT ON REMAINDER OF ROOF
 -8" RITE FLOW@ DRIP EDGE AT ROOF EDGES
 -5/8" OSB ROOF SHEATHING
 -ATTIC TRUSSES @ 24" O.C.
 -PROPER VENT AT EAVES
 -R49 BLOWN-IN INSULATION ON FLAT CEILING
 -R30 FIBERGLASS BATTS ON SLOPED CEILINGS
 -1X3 STRAPPING
 -1/2" GYPSUM WALL BOARD

TYPICAL ABOVE GRADE EXTERIOR WALL CONSTRUCTION
 -4" REVEAL VINYL SIDING
 -4" NUDURA ICF WALL
 -1/2" GYPSUM WALL BOARD

TYPICAL HOUSE FLOOR CONSTRUCTION
 -3/4" ADVANTECH SHEATHING
 -2x10 KD JOISTS @ 19.2" O.C.
 -1 ROW BRACING MID SPAN
 -1/2" GYPSUM WALL BOARD

TYPICAL BELOW GRADE EXTERIOR WALL CONSTRUCTION
 -NUDURA WATERPROOFING
 -6" NUDURA ICF WALL
 -1/2" GYPSUM WALL BOARD

TYPICAL HOUSE SLAB CONSTRUCTION
 -4" CONCRETE SLAB
 -1" RIGID FOAM
 -6 MIL POLY
 -4" CRUSHED STONE



A4

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