



Custom Home Design
Plan #194 B&J
By SDS-CAD Specialized Design Systems

**BUILDING CONTRACTOR/HOME OWNER
 TO REVIEW AND VERIFY ALL DIMENSIONS,
 SPECS, AND CONNECTIONS BEFORE
 CONSTRUCTION BEGINS. GARAGE TO BE
 BUILT AS PER IRC 2006 OR CURRENT LOCAL CODE**

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To the best of my knowledge these plans are drawn to comply with owner's and/ or builder's specifications and any changes made on them after prints are made will be done at the owner's and / or builder's expence and responsibility. The contractor shall verify all dimensions and enclosed drawing. SDSCAD is not liable for errors once construction has begun. While every effort has been made in the preparation of this plan to avoid mistakes, the maker can not guarantee against human error. The contractor of the job must check all dimensions and other details prior to construction and be solely responsible thereafter. All calculations and member sizing should be verified for your building by a certified building official.

Residential Design

SDS-CAD
Specialized Design Systems

P.O. Box 374 Mendon, Utah www.sds-cad.com email: sds-cad@pcu.net

CLIENT _____

DATE _____

DRWN BY _____

CHKD BY _____

DATE _____

REVISIONS _____

JOB NO. _____

SHEET NO. **1**
OF
11

VENTING SCHEDULE

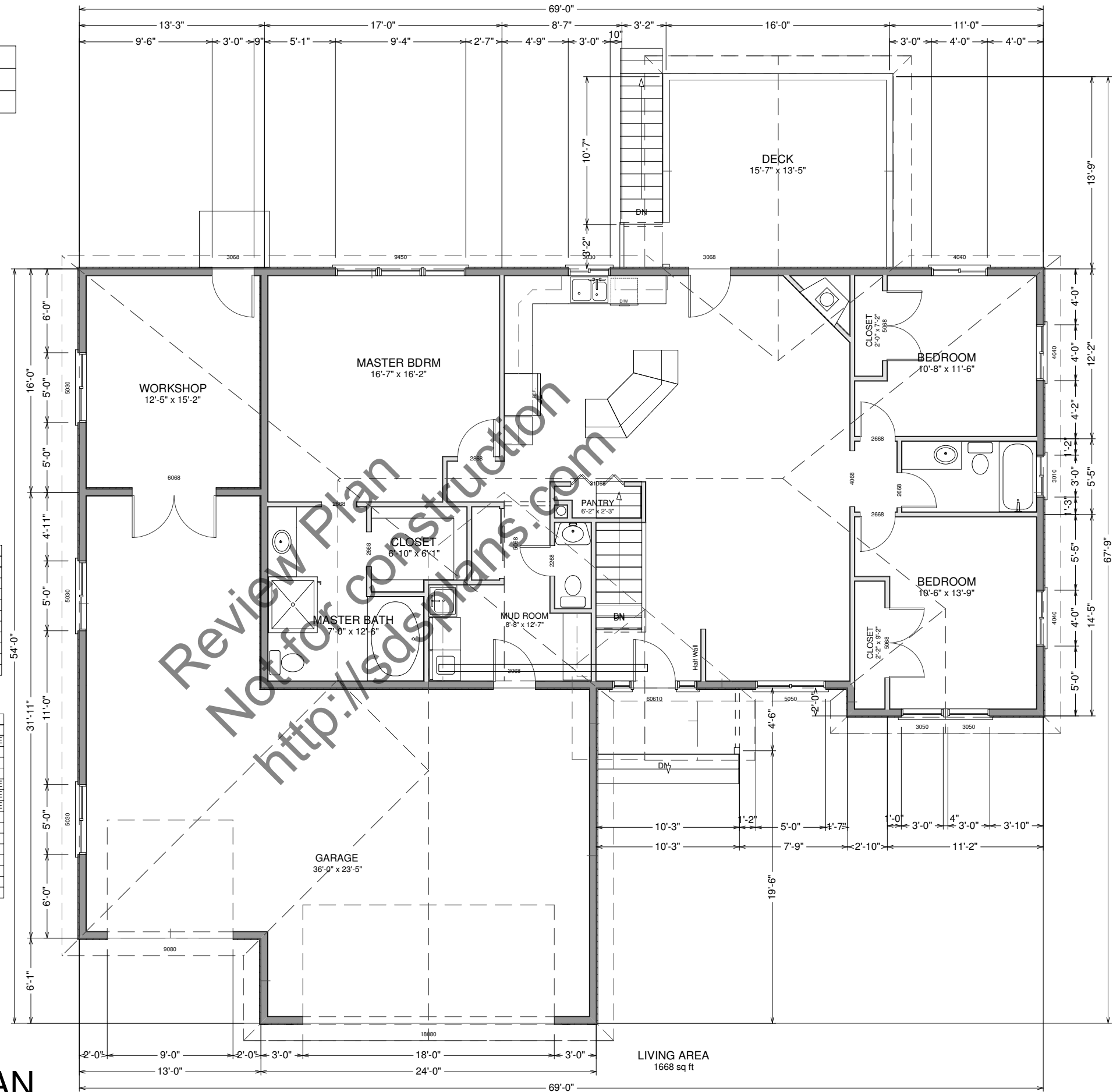
Range Hoods	Vent Through Roof
All Bath Fans	Vent to Exterior
Dryer Vent	Vent to Exterior

INSULATION SCHEDULE

Ceilings	R-38 Min
Wall above grade	R-19 Min
Wall interior below grade	R-13 Min

WINDOW SCHEDULE					
NUMBER	QTY	FLOOR	SIZE	DIMENSIONS	DESCRIPTION
W01	1	0	3010	36"X12"	LEFT SLIDING
W02	1	0	3030	36"X36"	RIGHT SLIDING
W03	4	0	4040	48"X48"	RIGHT SLIDING
W04	1	1	3010	36"X12"	LEFT SLIDING
W05	1	1	3030	36"X36"	LEFT SLIDING
W06	2	1	3050	36"X60"	SINGLE HUNG
W07	3	1	4040	48"X48"	RIGHT SLIDING
W08	3	1	5030	60"X36"	RIGHT SLIDING
W09	1	1	5050	60"X60"	DBL CASEMENT-LHL/RHR
W10	1	1	9450	112"X60"	MULLED UNIT

DOOR SCHEDULE					
NUMBER	QTY	FLOOR	SIZE	DIMENSIONS	DESCRIPTION
D01	6	0	2668	30X80X1 3/8"	3 PANEL DOOR - COLOR BRITE WHITE
D02	2	0	5068	30X80X1 3/8"	HINGED
D03	1	0	6068	72X80"	EXT. SLIDER-GLASS
D04	1	1	18080	216X96"	GARAGE-AT-PANEL - BONE
D05	1	1	2268	26X80X1 3/8"	3 PANEL DOOR - COLOR BRITE WHITE
D06	3	1	2668	30X80X1 3/8"	3 PANEL DOOR - COLOR BRITE WHITE
D07	1	1	2868	32X80X1 3/8"	3 PANEL DOOR - COLOR BRITE WHITE
D08	2	1	3068	36X80X1 3/4"	EXT. 6-PANEL
D09	1	1	3068	36X80X1 3/4"	EXT. HINGED-GLASS
D10	1	1	31068	46X80"	BIFOLD
D11	2	1	5068	30X80X1 3/8"	HINGED
D12	1	1	5068	60X80"	SLIDER
D13	1	1	60610	36X82 1/8X1 3/4"	EXT. 6 PANEL
D14	1	1	6068	36X80X1 3/4"	6-PANEL
D15	1	1	9080	108X96"	GARAGE-AT-PANEL - BONE



MAIN FLOOR PLAN

SCALE 1/8"=1'

Note: Paper size 11 x 17 B - size, scale is as stated if printed on 22 x 34 - D size scale is 2X
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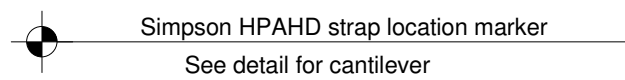
Concrete:

1. All slabs are to be 4" concrete over 4" gravel unless otherwise noted on the plans.
2. Concrete to be ACI 301-66, Type II cement, 2500 psi at 28 days, 5" maximum slump.
3. Reinforcing to be ASTM A615-Bars with Fy=60 ksi and 30 diameter minimum at splices or weld per ACI Std.
4. Concrete design based on Fc 2000 psf, Fc 2500 psi for quality only.
5. Anchor bolts shall be A-307 embedded 7" minimum into concrete or masonry grout.

BRACED WALLS BWP AND ALT BRACED WALL ABWP OPTIONS

Brace all exterior walls and cross-stud partitions at each end of building and at least every 25' of length by one of the following:

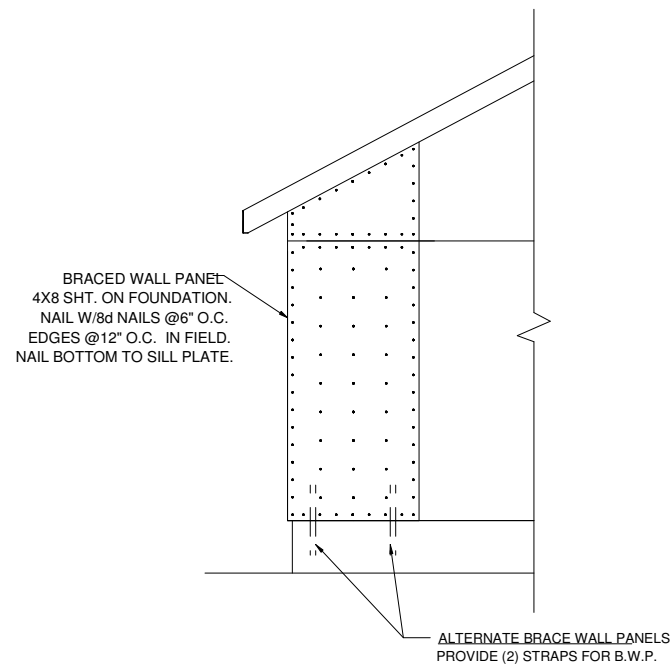
- a. Simpson WB 126 wall bracing with 3-16d nails at each end and 1-8d nails at each stud.
- b. Plywood sheathing of a minimum thickness of 3/8 inch.
- c. Continuous bracing from floor to floor



FOOTING SCHEDULE

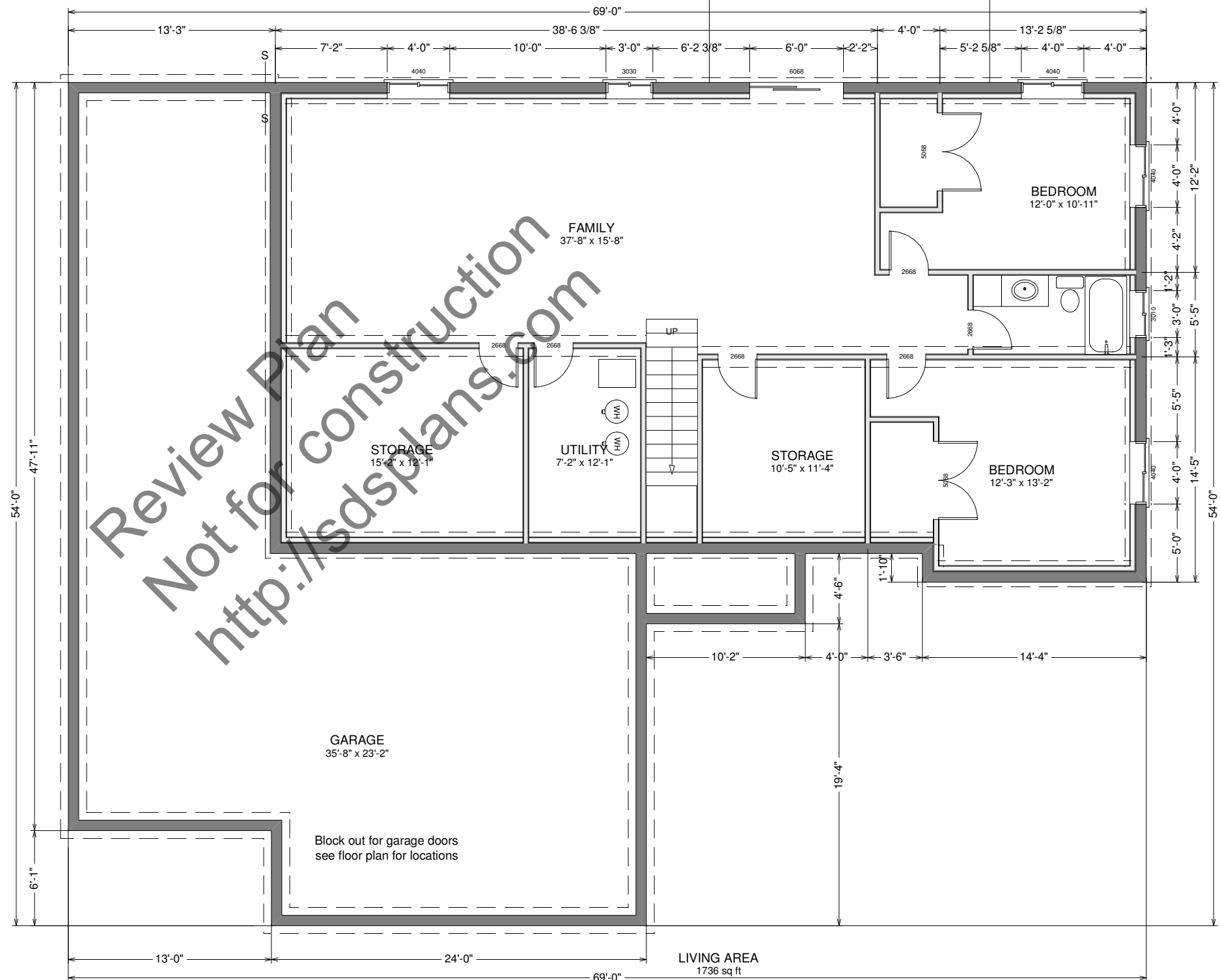
HOUSE WALLS	20" x 10" Min
DECKS & PORCHES	18" x 10" Min
BEARING WALL	20" x 10" Min
GARAGE WALL	18" x 10" Min

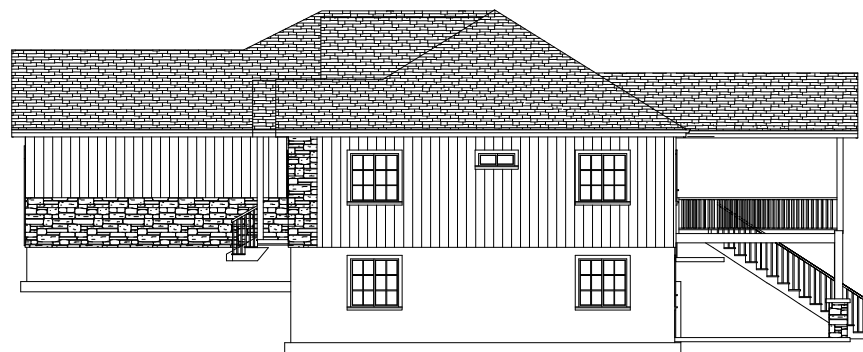
Min 2 #4 Rebar Horizontal
on undisturbed or compacted soil



BASEMENT PLAN

SCALE 1/8"=1'





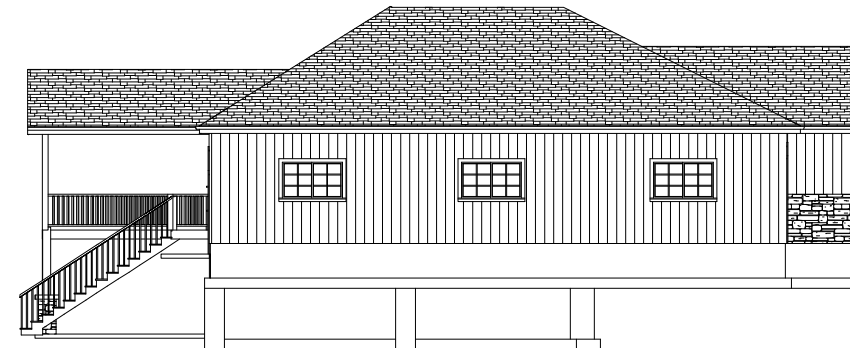
RIGHT ELEVATION

SCALE 1/16"=1'



REAR ELEVATION

SCALE 1/16"=1'



LEFT ELEVATION

SCALE 1/16"=1'

Exterior Finish to be determined by homeowner
and to meet subdivision requirements
3 different materials
Vertical Fiber Cement Siding
Stone
Fiber Cement Shingles in Eaves

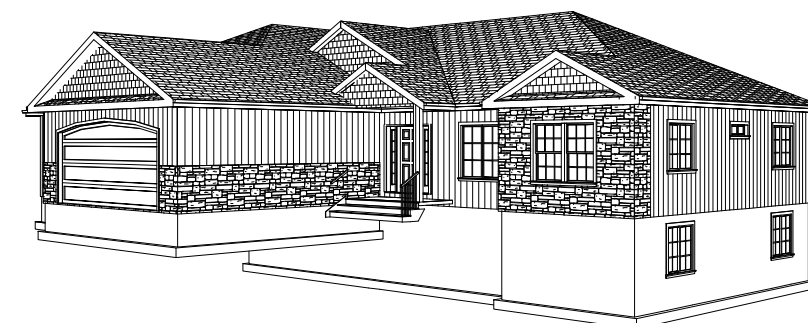
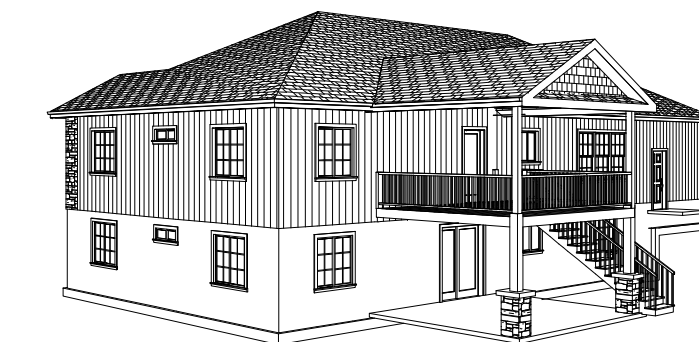
ARCHITECTURAL
ASHPHALT
SHINGLES

6/12 PITCH from left to right
8/12 PITCH from front to back



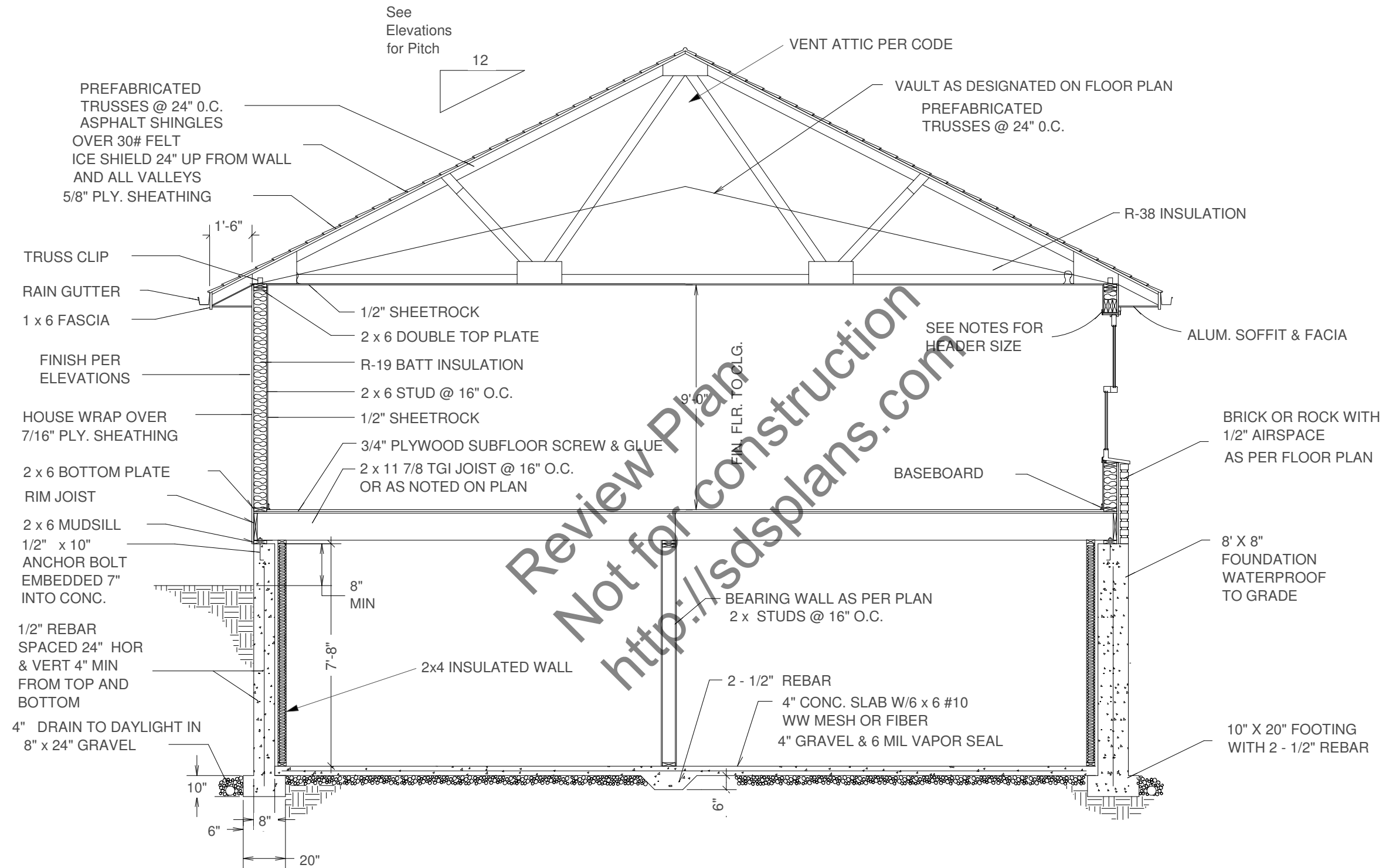
FRONT ELEVATION

SCALE 1/8"=1'



PERSPECTIVE VIEWS

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TYPICAL HOUSE SECTION

SCALE NTS

CLIENT	
DATE	
DRWN BY	
CHKD BY	
DATE	
REVISIONS	
JOB NO.	
SHEET NO.	