

Custom Home Design Plan #211 By SDS-CAD Specialized Design Systems

BUILDING CONTRACTOR/HOME OWNER TO REVIEW AND VERIFY ALL DIMENSIONS, SPECS, AND CONNECTIONS BEFORE CONSTRUCTION BEGINS.

BUILD AS PER UBC, IRC OR CURRENT LOCAL CODE REQUIREMENTS

Page 1	Cover Page
Page 2	Main Floor Plan
Page 3	Foundation Plan
Page 4	Elevation Plan
Page 5	Typical Section Details
Page 6	Floor and Roof Framing Plan
Page 7	Cabinet & Main Electrical
Page 8	Misc Details

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 affort 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.

Sample House Plan www.sdscad.com

Note: Paper size 11 x 17 B - size, scale is as stated if printed on 22 x 34 - D size scale is 2X @COPYRIGHT SDSCAD Specialized Design Systems pecialized Design Systems

VENTING SCHEDULE

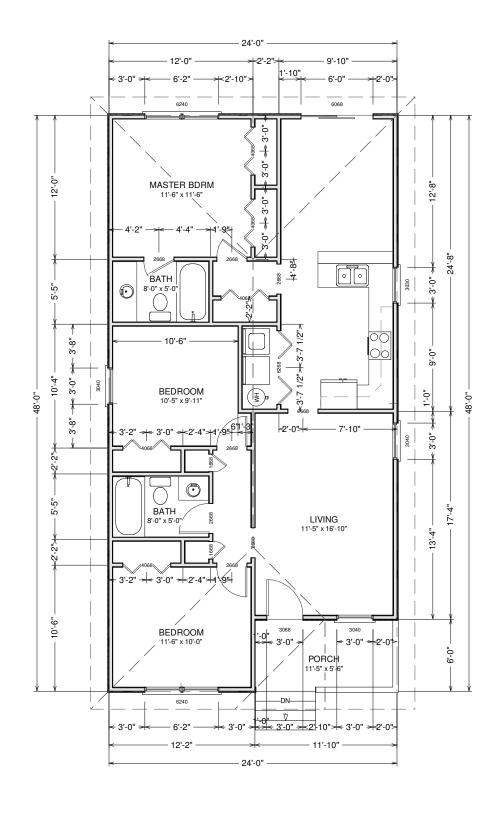
Range Hoods	Vent Through Roof
All Bath Fans	Vent to Exterior
Dryer Vent	Vent to Exterior

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	WIDTH	HEIGHT	DESCRIPTION
W01	1	1	3030	36"X36"	36 "	36 "	DOUBLE HUNG
W02	3	1	3040	36"X48"	36 "	48 "	DOUBLE HUNG
W03	2	1	6240	74"X48"	74 "	48 "	MULLED UNIT

	DOOR SCHEDULE								
NUMBER QTY FLOOR			SIZE	DIMENSIONS	WIDTH	HEIGHT	DESCRIPTION		
D01	2	1	1668	17 3/4X80X1 3/8"	18 "	80 "	4-PANEL		
D02	5	1	2668	30X80X1 3/8"	30 "	80 "	4-PANEL		
D03	1	1	3068	36X80X1 3/4"	36 "	80 "	EXT. CROSS@BUCK		
D04	5	1	4068	24X80"	24 "	80 "	BIFOLD		
D05	1	1	6068	72X80"	72 "	80 "	EXT. SLIDER-GLASS		
D06	1	1	6268	37X80"	37 "	80 "	BIFOLD		



MAIN FLOOR PLAN

SCALE 1/8"=1'

Sample House Plan www.sdscad.com

Note: Paper size 11 x 17 B - size, scale is as stated if printed on 22 x 34 - D size scale is 2X @COPYRIGHT SDSCAD Specialized Design Systems SDS-CAD Specialized Design Systems

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 lamp 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

—

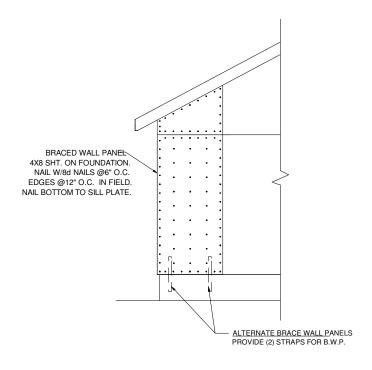
Simpson HPAHD strap location marker

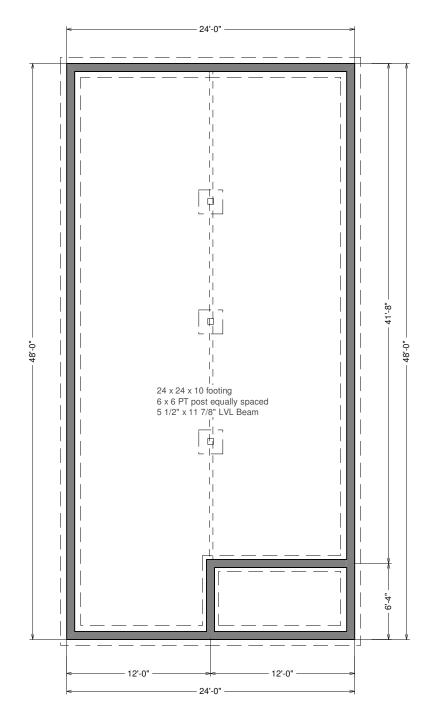
See detail for cantilever

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

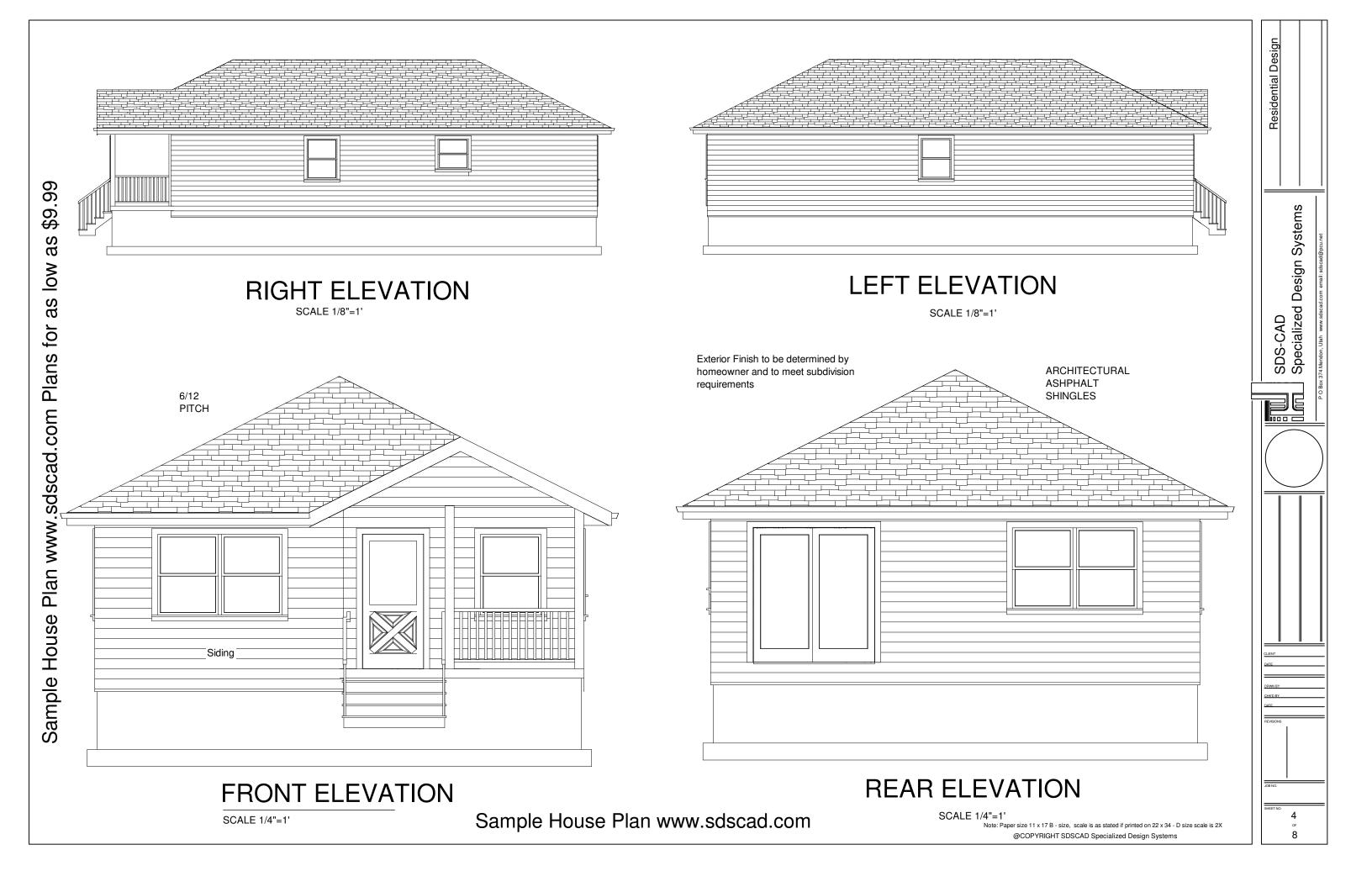




FOUNDATION PLAN SCALE 1/8"=1"

Sample House Plan www.sdscad.com

Note: Paper size 11 x 17 B - size, scale is as stated if printed on 22 x 34 - D size scale is 2X @COPYRIGHT SDSCAD Specialized Design Systems SDS-CAD Specialized Design Systems



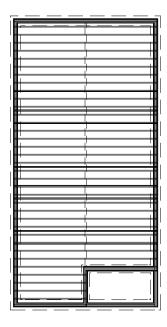
Roof Framing:

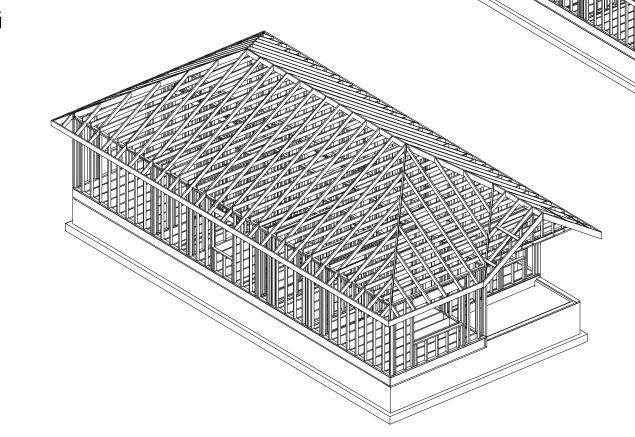
- 1. Fascia to be 2"x Douglas Fir.
- For soffit size see details.
- 3. For spans and dimensions refer to floor plans.
- 4. Trusses are to be an approved truss design from the truss manufacture's engineer. Install as per engineers specs
- 5. Use Simpson H-1 hurricane anchors at each truss or rafter to wall connection.
- 6. Solid blocking required between joists, rafters, and trusses over all bearing walls.
 - Such blocking shall be 1 ½" minimum thickness and full depth of joists, rafters, or trusses.
- 7. Minimum header sizes shall be according to the header size table unless otherwise noted.
- 8. Basis of design roof live/snow load of 37 psf, and roof dead load of 15 psf.
- 9. Plywood roof decking to be Min ½" thick, 24/0, CDX or 5/8 wafer.

MAIN FLOOR FRAMING

SCALE 1/16"=1

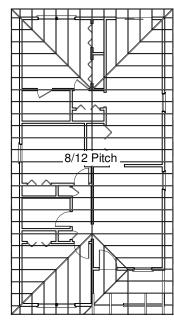
9 1/2" I-Joists 16" o.c Floor Joists.







SCALE 1/16"=1'



SEE GENERAL SPECS AND NOTES FOR FRAMING DETAILS

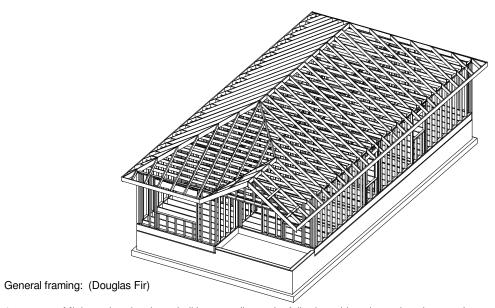
PRE-ENGINEERED ENERGY TRUSSES AS SUPPLIED BY TRUSS MANUFACTURER

- 1. Trusses to be 24" O.C.
- 2. Attic access min 22 1/2" x 30" were most convenient. For all areas greater than 30"
- 3. Place vaults where possible as indicated on the floor plan
- 4. Install all trusses as per truss manufacturer installation guidelines.
- 5. 8/12 and 6/12 Pitch

Sample House Plan www.sdscad.com

Note: Paper size 11 x 17 B - size, scale is as stated if printed on 22 x 34 - D size scale is 2X @COPYRIGHT SDSCAD Specialized Design Systems

pecialized Design Systems SDS-CAD Specialized



Minimum header sizes shall be according to the following table unless otherwise noted. Header sizes (single story construction)

2'-0" to 4'-0" Span 2-2x4's 4' + to 6'-0" Span 2-2x6's 6' + to 8'-0" Span 2-2x8's 8' + to 10'-0" Span 2-2x10's 10' + to 12'-0" Span 2-2x12's

Header sizes (two story construction)

2'-0" to 3'-0" Span 2-2x4's 3' + to 5'-0" Span 2-2x6's 5' + to 7'-0" Span 2-2x8's 7' + to 8'-0" Span 2-2x10's

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:

Simpson WB 126 wall bracing with 3-16d nails at each end and 1-8d nails at each stud.

Plywood sheathing of a minimum thickness of 3/8 inch.

Fire stopping:

Fireblock stud spaces over 10' in height, furred spaces, soffits, drop ceilings, cove ceilings, stair stringers at top and bottom of run, bearing walls and ceiling joist lines, etc. Firestopping shall consist of 2" nominal lumber.

Firestop openings around vents, pipes, ducts, chimneys, and fireplaces at ceiling and floor levels with approved noncombustible materials.

CDX plywood is not approved where exposed to weather, i.e., roof overhangs. 5.

Exterior wall framing to be 2"x4" studs at 16" o.c. Interior wall, framing at non-bearing walls

to be 2"x4" studs at 24" o.c. and at bearing walls 2"x4" studs at 16" o.c. with double top plate.

Shear wall to be 3/8" CDX plywood applied horizontally.

All stress grade lumber shall comply with WCLA specs and bear approval stamp on all pieces in place.

Framing lumber shall be Douglas Fir construction grade Fb 1450 or better unless otherwise noted. 8.

Nailing to be per current U.B.C. unless otherwise noted.

10. All bearing partitions shall have double top plates.

Structural glued laminated timbers to be stamped by an approved agency. 11. 12.

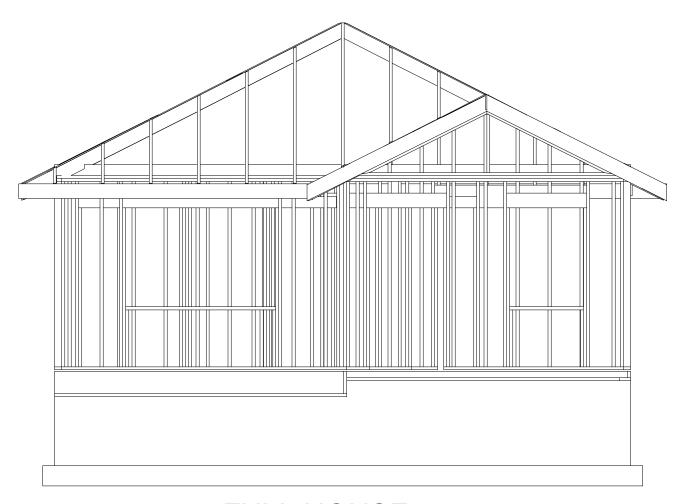
Use redwood or pressure treated sole plates at all exterior walls.

Floor Framing:

- All floor joist to be Douglas Fir #2 or T.J.I. @ 16" o.c. unless otherwise noted.
- 2. For spans and dimensions refer to floor plans.
- 3. Use Simpson H 2.5 hurricane anchors at each floor joist to bearing wall connection.
 - Solid blocking between joists over all bearing walls, and midspans such blocking shall

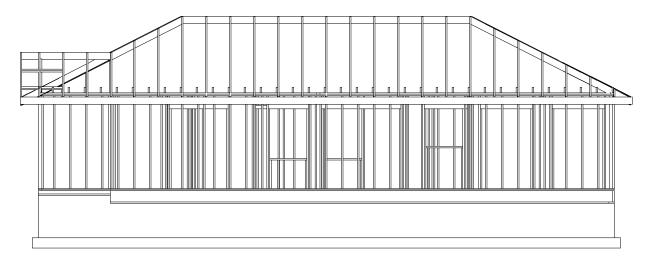
be 2" minimum thickness and full depth of joists.

- Minimum header sizes shall be according to the header size table unless otherwise noted.
- Basis of design: floor live load of 40 psf, and floor dead load of 15 psf.
- Floor decking to be 3/4" thick T & G wafer board.
- Joist hangers to be Simpson U210 or equal unless otherwise noted.
- Double joists and or double blocking at all interior walls.



FULL HOUSE FRAMING SECTION

SCALE 1/8"=1'



SDS-CAD Specialized Design Systems

6

Electrical Systems:

- Inspection is required prior to backfill of lines.
- Provide 20 ft. of No. 4 copper wire as ground electrode in foundation footing.
- Bond interior piping system with #8 bare copper.
- Provide main jumping bond with #4 bare copper.
- Electrical service is to be 200 amp service, 120/240 volt, 1 phase raintight, underground.
- 6. Provide separate 20 amp circuits to washer.
- Provide 20 amp circuits to family and dining room, and a 7. minimum of two 20 amp circuits to kitchen.
- 8. Prewire for TV, telephone in kitchen, family room, living room, and in every bedroom.
- 0 9. Install ground fault current interrupter on exterior, garage, kitchen, and 0 bathroom convenience outlets. \$9.
 - Bottom half of outlet controlled by switch when shown.

11.	All outlets in kitchen are to be at +44" excluding those for the refrigerator,
	range, disposal, and dishwasher.

- 12. Maximum spacing of outlets shall not exceed 12 ft. along wall line and at any wall over
- 24" wide in all rooms except kitchen, bath, utility, and garage.
- Install light in walk-in closet 18" minimum horizontal from any shelf.
- Provide a ventilation fan capable of producing a change of air every 12 minutes for bath or utility.
- Provide smoke detector alarm conforming to Section 1210(A) U.B.C. and local building codes
 - in every bedroom and on each floor. CO2 Detector on each floor.
- Ceiling fan hangers on all bedroom and living room lights. 17.
- Consult with contractor and homeowner for all final light fixture and light placement and details.

	ELECTRICAL SCHEDULE					
NUMBER	QTY	DESCRIPTION				
E01	2	220V				
E02	32	DUPLEX				
E03	2	DUPLEX (WEATHERPROOF) - COLOR LIGHT GRAY (MATTE)				
E04	2	EXHAUST				
E05	2	GFCI				
E06	2	HALF CONE - LIGHTING GREY				
E07	14	HALF DOME LIGHT - LIGHTING GREY				
E08	2	PORCH LANTERN				
E09	11	SINGLE POLE				
E10	8	THREE WAY				
E11	4	SMOKE DETECTOR				
E11	4	SMOKE DETECTOR				

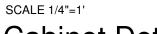
WP		
	\$\$,	/-
) _
	#3 (
	-n	
]	
	TIL	/ 00
₽ - ¢ -		
T D		
		6
	\	
	/\- /	
	ec.	0
		<i>→</i>
	/ `	

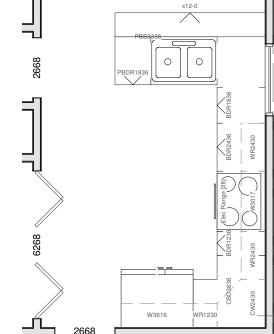
SYMBOL	DESCRIPTION		
	METER SOCKET		
	PANEL BOX		
	CEILING FAN W/ LIGHT		
	FLUORESCENT LIGHT FIXTURE		
-	110V CEILING LIGHT FIXTURE		
0	110V RECESSED LIGHT FIXTURE		
\checkmark	110V EAVE LIGHT FIXTURE		
000	110V CHANDILIER LIGHT FIXTURE		
	110V WALL LIGHT FIXTURE		
₩	SINGLE POLE SWITCH		
₩³	THREE WAY SWITCH FOUR WAY SWITCH		
₩⁴			
₩ 8	DIMMER SWITCH		
₩ 3	OUTDOOR SWITCH		
Ð	110V DUPLEX RECEPTACLE		
i can	110V DUPLEX RECEPTACLE GROUND FAULT INTERUPTED		
*	110V DUPLEX RECEPTACLE W/ WEATHERPROOF COVER		
	110VFLOOR MOUNTED DUPLEX RECEPTACLE		
∌	240V RECEPTACLE		
\triangleleft	TELEPHONE JACKS		
-TV	TELEVISION JACKS		
-0	DOOR BELL PUSH BUTTON		
- Ţ	THERMOSTAT		
SD	SMOKE DETECTOR		
⊗	EXHAUST FAN		
DC	DOOR CHIME		
F A	FIRE ALARM PANEL		
©-	COMPUTER POINT		

CABINET SCHEDULE							
NUMBER	QTY	FLOOR	DIMENSIONS	WIDTH	DEPTH	HEIGHT	DESCRIPTION
C01	1	1	12X12X30 "	12 "	12 "	30 "	WALL CAB
C02	1	1	12X24X36 "	12 "	24 "	36 "	BASE CAB
C03	1	1	18X24X36 "	18 "	24 "	36 "	BASE CAB
C04	1	1	18X24X36 "	18 "	24 "	36 "	PEN BASE CAB
C05	2	1	24X12X30 "	24 "	12 "	30 "	WALL CAB
C06	1	1	24X24X30 "	24 "	24 "	30 "	CRNR WALL CAB
C07	1	1	24X24X36 "	24 "	24 "	36 "	BASE CAB
C08	1	1	30X12X17 "	30 "	12 "	17 "	WALL CAB
C09	1	1	30X24X36 "	30 "	24 "	36 "	BASE CAB
C10	1	1	30X24X36 "	30 "	24 "	36 "	BATH BASE CAB
C11	1	1	33X24X36 "	33 "	24 "	36 "	PEN BASE CAB
C12	1	1	36X12X16 "	36 "	12 "	16 "	WALL CAB
C13	1	1	36X36X36 "	36 "	36 "	36 "	CRNR BASE CAB
C14	1	1	60X24X36 "	60 "	24 "	36 "	BATH BASE CAB
C15	1	1	75X12X1 "	75 "	12 "	1 "	PEN BASE CAB

Kitchen layout and cabinets to be chosen by homeowner/Contractor basic layout for reference only. Measure after sheetrock is installed for correct sizing.







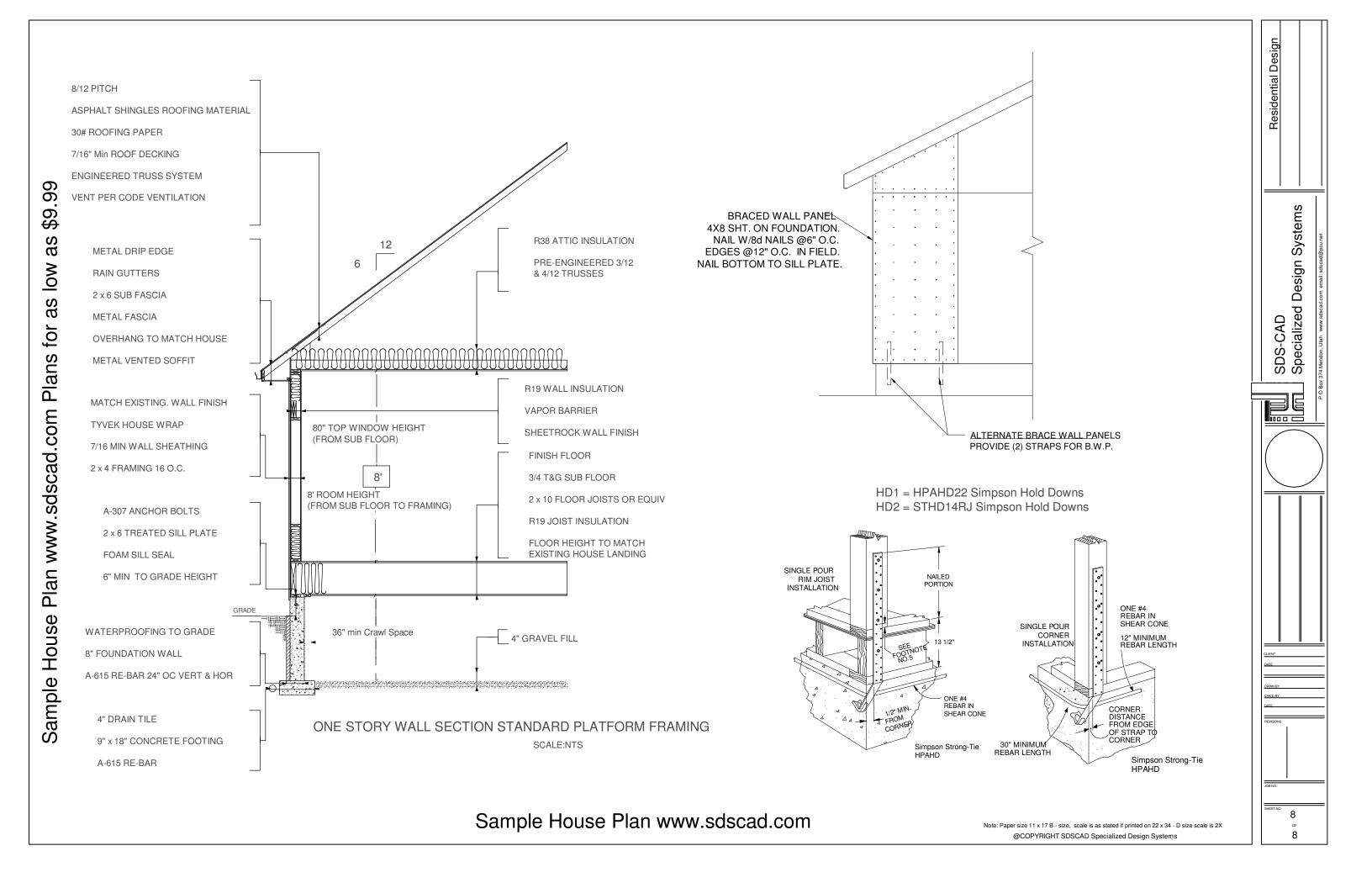
Cabinet Detail

MAIN FLOOR ELECTRICAL PLAN

Sample House Plan www.sdscad.com

Note: Paper size 11 x 17 B - size, scale is as stated if printed on 22 x 34 - D size scale is 2X @COPYRIGHT SDSCAD Specialized Design Systems

SDS-CAD Specialized Design Systems



Let me ask you a question...

"Would You Like to Learn How to Buy House Plans at Unbelievable Prices?"

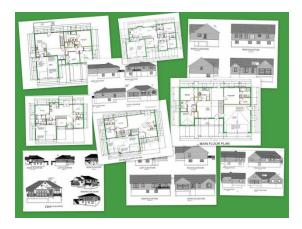
Let me show you how, by watching this video on how to get started.

http://www.youtube.com/watch?v=uv2fe n1qgU

Read below to find out how to get house or cabin plans at great prices.

Don't pay \$2000 or even \$500 for stock plans.

Read the entire page to see how you can buy plans for as little as \$2.50 per plan



From: John Davidson - Residential Architectural Designer, over 25 years of experience and I have drawn over 500 homes, garages, barns, cabins and Playhouses.

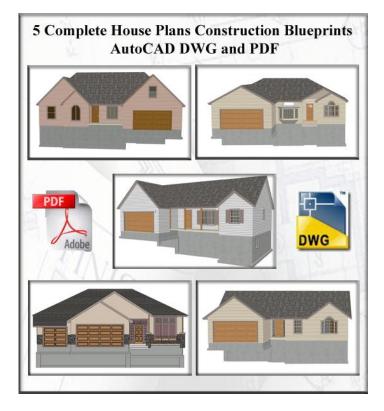
Dear Friend,

If you are interested in building a **house or cabin**, this is going to be the most exciting message you will ever read. Let us save you hundreds of dollars on your plans. We have several different packages that allow you to get plans at unheard of prices. You pay and download the plans immediately. The plans can then be printed on your home computer for the initial small proof copies or take them to a local copy center for printing. The plans are designed to be printed on 11 x 17 paper at 1/8" scale or on 22 x 34 paper at 1/4" scale. The plans also come in different formats, the PDF files allow for immediate printing and the DWG files can be used by your engineer or builder to change or modify the plans. Most other companies charge \$1000 just for access to the DWG version of the plans.

House Plans in Adobe PDF and AutoCAD DWG formats



5 Spec House Plans from 1200 to 1800 Sq Ft



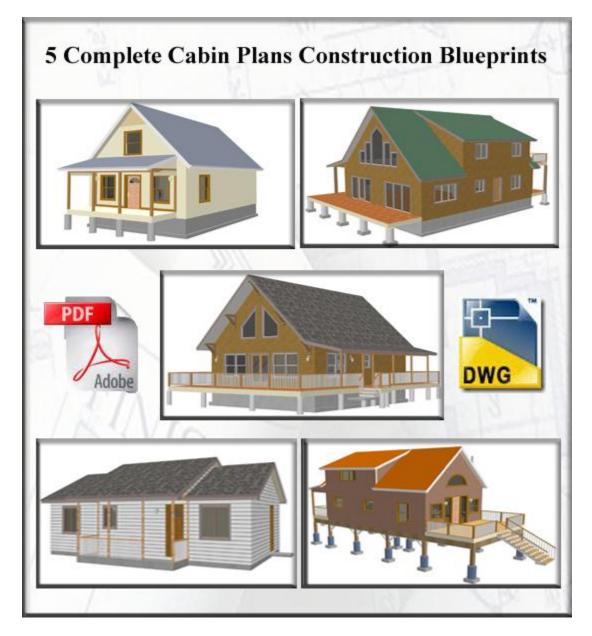


Original price \$2,500.00 for the contractor to have these custom homes drawn

Limited time only for all 5 plans in package #1



5 Custom Cabin Plans

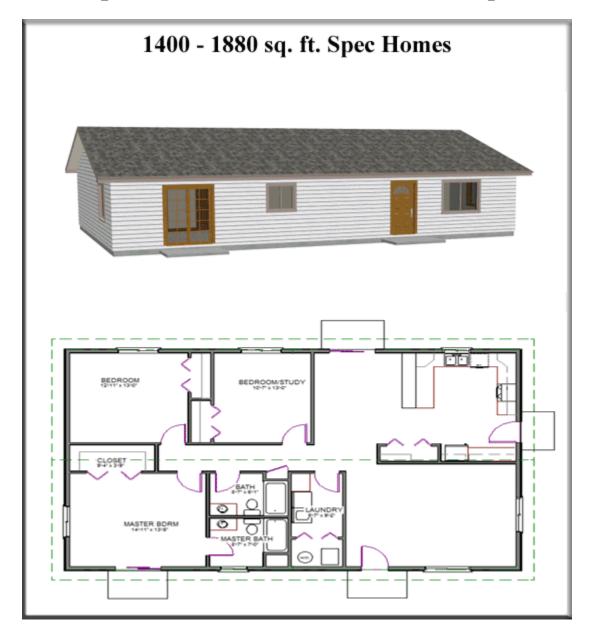


Original price over \$3,000.00 for the contractor to have these 5 custom cabins drawn

Limited time only for all 5 plans in package #2



5 Spec House Plans from 1400 to 1880 Sq Ft



Original price over \$4,000.00 for the contractor to have these 5 custom homes drawn

Limited time only for all 5 plans in package #3



5 Custom House Plans from 1850 to 2550 Sq Ft

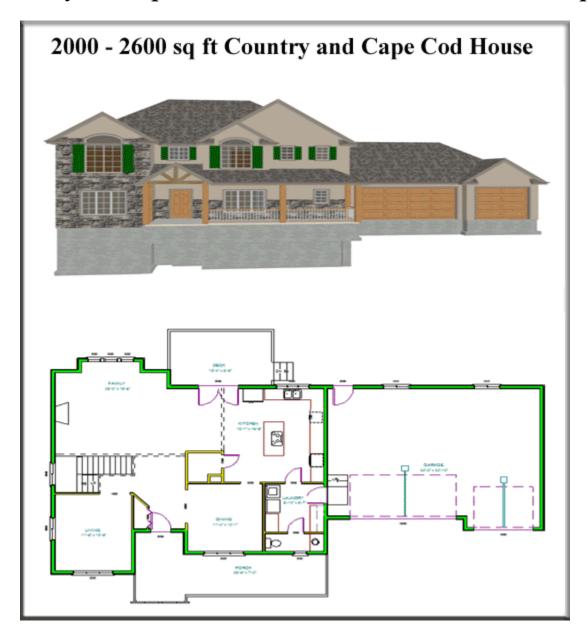


Original price over \$4,000.00 for the contractor to have these 5 custom homes drawn

Limited time only for all 5 plans in package #4



5 Country and Cape Cod House Plans from 2000 to 2600 Sq Ft



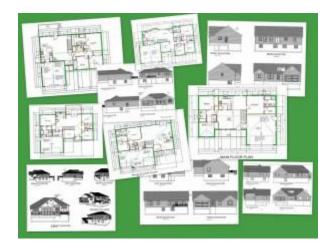
Original price over \$4,000.00 for the contractor to have these 5 custom homes drawn

Limited time only for all 5 plans in package #5



"Now For the Best Deal" "Plus the Bonus"

5 House Plans Package #1 Value \$2,500



5 Cabin Plans Package #2 Value \$3,000



5 House Plans Package #3 Value \$4000



5 House Plans Package #4 Value \$4,000



5 House Plans Package #4 Value \$4,000



10 Garage Plans Bonus #1 Value \$2,000



10 Barn Plans Bonus #2 Value \$2,500



45 plans total \$22,000 Value

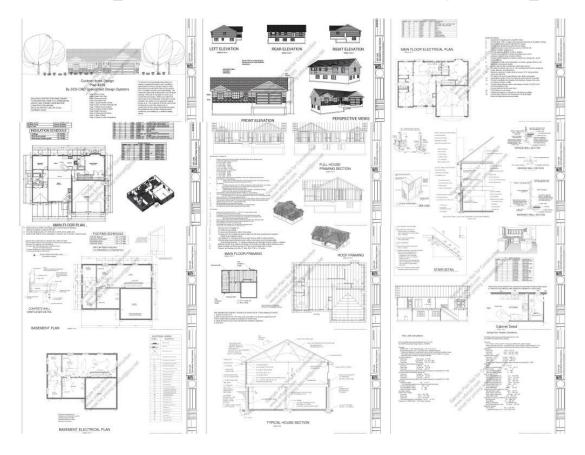
Be one of the next 10 people to order and get the entire package for only

\$97.00



Now make sure that you follow these tips so that you can get your house plans easily. Now grab the opportunity to get this amazing limited launching offer for only \$22,000.00 \$97.00 you can have it all. But after few weeks or more we will be changing it to much higher price. So what you are waiting for <u>Claim your Plans Now!</u>

"With Complete Construction Ready Blueprints"



"All plans are available instantly with a link to download and print"



Free house plan <u>Download Full Sample House Plan Here</u> 650 KB File

Click here to Download a "FREE SAMPLE PLAN"

See how easy and fast it is!



Save \$100's Order all 45 Plans for only \$97.00





Safe and Secure Checkout: We use **Clickbank**, the World's Largest Retailer of Digital Downloadable Products. Only the most Secure Order Forms and the Strongest Encryption is used to protect your information.

Let me share with you the latest comments I have received in my in-box...

http://www.youtube.com/watch?v=smRB4m5CCPo



26' X 36' WITH LOFT TESTIMONIAL #2...



John,

Thank you for the plans, I just love my new garage, I finally have a place

to park my boat in out of the weather, everything went great, my contractor

said it was the most complete set of plans he had ever worked with and wanted

to know your contact information so he could have you draw more plans for him.

I will recommend you to all my friends who need to have a

house or garage

built. Check out this picture my shop is the envy of all of my neighbors who wish they had some place to park their toys. Matt

http://www.youtube.com/watch?v=zUC93g928ek



Hi John.



I had purchased a customized plan from you back in March. They worked

great! Our city planning/permitting really liked them and it helped the

process go smoothly. Attached is a picture of the little shop we built with

your plans. Thanks Kathy

http://www.youtube.com/watch?v=vrnZA VLogA

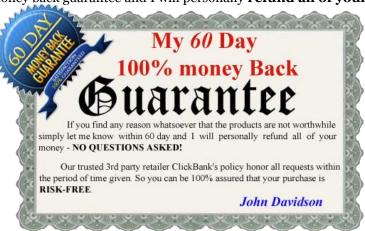
The Best 100% Money-Back Guarantee Ever Offered

To Provide You With The Absolute Best Plans and Schematics For Building Any house, cabin, garage, or barn...

I'm so confident in my house plans and instructions that I'm willing to put all the risk on me. In fact, I've decided to do something that some people may consider outright crazy.

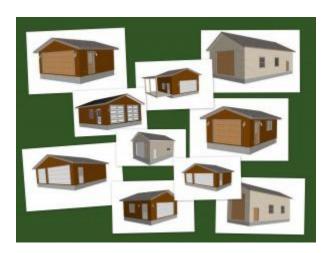
Here is the Deal: Try out any of our **house or cabin plans** plus the **bonuses** for a **60 days**. And if you are not happy with our products for some unexplainable reason or don't like the plans. You can contact me anytime and in addition we have an online support center to help you. If not happy anytime within the 60 days for any reason, I can assure you the

100% money back guarantee and I will personally **refund all of your money.**



Special Offer-Limited Bonus

Bonus #1 - 10 Garage Plans



Bonus #2 -10 Barn Plans



Are You ready?

Original price \$22,000.00 Limited time for only

\$97.00





Safe and Secure Checkout: We use Clickbank, the World's Largest Retailer of CLICKBANK® Digital Downloadable Products. Only the most Secure Order Forms and the Strongest Encryption is used to protect your information.

"It's So Easy Getting Started"

To ensure that you follow these tips and get your plans easily, I've made getting started so quick and easy that anyone can do it. All you need to do is click on the ADD TO CART button. You'll be taken to the 100% safe and secure ClickBank order form. Simply fill out your payment information and follow the prompts.

As soon as the payment has been accepted you'll be taken to our members area where you can instantly download all of the house or cabin plans plus the bonuses, the, 10 garage plans and the 10 barn plans for FREE.

Good luck in building your new home.



Jan Ellin

Specialized Design System LLC - Residential Architectural Designer

P.S. Always remember that your purchase is backed by my 60 Days 100% Money-Back Guarantee. For any reason or if you don't like what you find inside, contact me anytime or we have an online support center to help with any concerns or issues that you may have. I'll refund all of your money - NO QUESTIONS ASKED!

Download Your Copy Now!

P.P.S. The house plans cost over \$.50 per sq ft each to have draw but for now we are offering everything plus bonuses for only \$97.00 and you can get all of our high quality house plans, plus garage plans and 10 barn plans. But this promo is offered for just a limited period of time and we will increase the price without prior notice.

Yes, Take Me To The Order Form Now!





Safe and Secure Checkout: We use Clickbank, the World's Largest Retailer of Digital Downloadable Products. Only the most Secure Order Forms and the Strongest Encryption is used to protect your information.

Plans can be purchased separately

Click here to look through our store