

ASSESSORS' HANDBOOK
SECTION 531

RESIDENTIAL BUILDING COSTS

DECEMBER 2025
(EFFECTIVE JANUARY 1, 2026)

CALIFORNIA STATE BOARD OF EQUALIZATION

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YVETTE M. STOWERS, EXECUTIVE DIRECTOR



FOREWORD

The State Board of Equalization (BOE) is required under section 401.5 of the Revenue and Taxation Code to provide County Assessors with construction cost data and related information to promote uniform appraisal practices and assessed values throughout California. Each year, the BOE publishes Assessors' Handbook (AH) Section 531, *Residential Building Costs*, to carry out this responsibility.

The handbook is published in two separate sections. AH 531 contains annually updated cost data, and AH 531A, *Residential Building Cost Information*, contains informational text, photographs, and drawings. The 2026 revision of AH 531 updates the costs contained in previous editions. These costs become effective as of January 1, 2026. Both handbook sections are available only on the BOE's website.

Diligent efforts have been made to supply accurate and reliable information. AH 531 should serve as a guide; however, appraisal judgment remains essential. Due to the wide variations in costs, both within and among counties, appraisers should research building and material costs, as well as analyze permit and fee costs in the region, to make appropriate adjustments when necessary, ensuring accurate, fair, and uniform assessments.

The California housing market has recently entered a period of slower sales and new construction, shaped by higher interest rates and moderating inflation. At the same time, demand for housing remains strong in many parts of the state, and limited inventory continues to keep pressure on both costs and availability. As such, construction expenses remain elevated. Prices for materials have been affected by tariffs and supply issues, while rebuilding in wildfire-affected regions has driven up labor and supply needs. Insurance costs have also risen in those areas. Regulatory requirements, including updates to building codes and energy standards, also continue to add to overall construction costs.

This handbook reflects those conditions. The costs have been revised to align values with current benchmarks, incorporating county survey input and local market checks. Where existing values already align with observed costs, they are carried forward; where the evidence supports increases, they are revised accordingly.

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Property Tax Department
California State Board of Equalization
December 2025

RESIDENTIAL BUILDING COSTS

TABLE OF CONTENTS

531.10 COSTING INFORMATION.....	1
LOCATION ADJUSTMENT ZONES.....	1
LOCATION ADJUSTMENT MAPS	6
<i>Single-Family Residential</i>	6
<i>Mountain Residences</i>	7
531.20 SINGLE FAMILY RESIDENTIAL CONVENTIONAL TYPE	8
"C" CONSTRUCTION SQUARE FOOT AREA COST TABLES.....	9
"D" CONSTRUCTION SQUARE FOOT AREA COST TABLES	11
531.21 SINGLE FAMILY RESIDENTIAL MODERN TYPE	15
"D" CONSTRUCTION PRE 1990 SQUARE FOOT AREA COST TABLES.....	16
"D" CONSTRUCTION POST 1990 SQUARE FOOT AREA COST TABLES.....	20
531.22 MOUNTAIN RESIDENCES	24
"D" CONSTRUCTION CONVENTIONAL SQUARE FOOT AREA COST TABLES	25
"D" CONSTRUCTION A-FRAME SQUARE FOOT AREA COST TABLES.....	28
COSTS OF ADDITIVES	30
<i>Wood Decks and Porches</i>	31
<i>Fireplaces</i>	31
<i>Flatwork</i>	31
<i>Garages and Carports</i>	31
<i>Heating</i>	31
<i>Half-Story Fractions</i>	32
<i>Extra Plumbing</i>	32
<i>Slope Adjustments</i>	32
LOCATION ADJUSTMENTS.....	33
531.30 MULTIPLE FAMILY RESIDENCES.....	34
"C" CONSTRUCTION SQUARE FOOT AVERAGE UNIT AREA COST TABLES.....	35
"D" CONSTRUCTION SQUARE FOOT AVERAGE UNIT AREA COST TABLES	38
531.35 MANUFACTURED HOUSING	41
SQUARE FOOT AREA COST TABLE	42
ACCESSORY AND COMPONENT COSTS	43
<i>Air Conditioning</i>	43
<i>Built-Ins</i>	43
<i>Skirting</i>	43
<i>Storage Buildings (Floor Included)</i>	43
<i>Tie Downs</i>	43
<i>Steps and Rails</i>	44
<i>Upgraded Components</i>	44
<i>Porches and Decks (No Roofs Included)</i>	44
<i>Carport, Porch, and Deck Roofs</i>	44
<i>Screen Walls for Porches and Decks</i>	44
<i>Extra Insulation Package</i>	44
<i>Roof Snow Load Capability</i>	44
<i>Miscellaneous</i>	44
DEPRECIATION	45

531.40 BUILDING ADDITIVES	46
ADDITIVES.....	47
<i>Covered Porches and Lean-Tos</i>	47
<i>Uncovered Porches</i>	47
<i>Wood Decks and Porches</i>	47
<i>Porch Roofs</i>	47
<i>Residential Basements</i>	48
<i>Balconies</i>	48
<i>Stairs</i>	48
<i>Heating and Cooling Systems</i>	49
<i>Sprinkler Systems</i>	50
<i>Insulation</i>	50
<i>Elevators, Passenger</i>	51
<i>Fire Escapes</i>	51
<i>Burglar Alarms</i>	51
<i>Fireplaces/Installed</i>	52
<i>Stoves (Franklin or Buck)</i>	53
<i>Built-In Appliances</i>	53
SOLAR HEATING AND COOLING.....	54
DOMESTIC HOT WATER SYSTEMS	54
SOLAR HEATED SWIMMING POOLS.....	54
DOMESTIC WATER SYSTEMS	55
SUBMERSIBLE PUMPS.....	55
JET PUMPS	56
PRESSURE TANKS.....	56
WELL COSTS	56
SEPTIC TANK COSTS	56
531.50 RESIDENTIAL GARAGES	57
"D" CONSTRUCTION SQUARE FOOT AREA COST TABLES	58
"C" CONSTRUCTION SQUARE FOOT AREA COST TABLES.....	59
MULTIPLE-FAMILY RESIDENTIAL GARAGES	60
MULTIPLE-FAMILY RESIDENTIAL GARAGES BUILT AS SEPARATE BUILDINGS.....	60
CARPORTS	60
BASEMENT GARAGES.....	61
531.51 YARD IMPROVEMENTS	62
SWIMMING POOLS	63
SWIMMING POOL ADDITIVES	63
DETACHED SPAS (BELOW GROUND).....	63
SPA ADDITIVES	63
RESIDENTIAL HOT TUBS AND SPAS	64
HOT TUBS, SPAS – ROUND, OCTAGONAL, SQUARE (ABOVE GROUND).....	65
CURBS	66
FENCES	66
WOOD GATES.....	66
CHAIN LINK GATES.....	66
PAVING.....	67
UNCOVERED PATIOS	67
GARDEN STEPS AND STAIRS	67
MOWING STRIP.....	67
CONCRETE BLOCK WALLS.....	67
LAWN SPRINKLERS.....	68
PATIOS.....	68

531.60 IN-PLACE COSTS (SEGREGATED COSTS)	69
FOUNDATIONS – REINFORCED CONCRETE	70
HILLSIDE FOUNDATIONS	70
FLOORS – REINFORCED CONCRETE	70
MUDSILLS	70
GIRDERS	71
FLOOR JOISTS	71
WALLS – CONCRETE OR MASONRY	71
SUBFLOORING	72
WOOD FRAME WALL FRAMING	72
WOOD POSTS	72
WALL SHEATHING	72
CEILING JOISTS	72
ROOF RAFTERS	73
ROOF SHEATHING AND DECKING	73
ROOFING	73
SKYLIGHTS AND OPTIONS	74
GUTTERS	74
WALL COVER - EXTERIOR	75
FLOOR COVERING	76
FLOOR BASE	77
INTERIOR WALL LINING	77
CEILING FINISH	78
EXTERIOR PAINTING	78
INTERIOR DECORATING	79
TRIM PAINTING	79
DOORS	79
WINDOWS	80
CABINETS	80
ELECTRICAL	81
PLUMBING	81
LIGHTING	81
FANS	81
ENERGY REQUIREMENTS MANDATED BY TITLE 24 (AB 970, 2001)	81
531.70 DEPRECIATION TABLES	82
AVERAGE LIFE TABLES FOR BUILDINGS	82
NORMAL PERCENT GOOD TABLES – RESIDENTIAL BUILDINGS	83
531.80 COMPACT COSTS	85
PROCEDURE	85
COMPACT COSTS	87

AH 531.10 COSTING INFORMATION

LOCATION ADJUSTMENT ZONES

Various counties have two or more location zones. The shaded areas [■] represent the *Mountain Residences* zones. The zone boundaries are as follows:

Alpine County

Western Zone	All areas west of the summit of the Sierra Nevada Mountains.
Eastern Zone	All areas east of the summit of the Sierra Nevada Mountains.

Amador County

Western Zone	All areas west of the western border of the El Dorado National Forest.
Middle Zone	From the western boundary of the El Dorado National Forest to the 5,000-foot elevation line.
Eastern Zone	All areas east of the 5,000-foot elevation line.

Butte County

Western Zone	All areas west of the western boundary of the Plumas National Forest.
Eastern Zone	All areas east of the western boundary of the Plumas National Forest.

Calaveras County

Western Zone	All areas west of the western boundary of the Stanislaus National Forest.
Middle Zone	From the western boundary of the Stanislaus National Forest to the 5,000-foot elevation line.
Eastern Zone	All areas east of the 5,000-foot elevation line.

El Dorado County

Western Zone	All areas west of the western boundary of the El Dorado National Forest.
Western Middle Zone	From the western boundary of the El Dorado National Forest east to the 5,000-foot elevation line.
Eastern Middle Zone	From the 5,000-foot elevation line to the summit of the Sierra Nevada Mountains.
Eastern Zone	From the summit of the Sierra Nevada Mountains to the Nevada border.

Fresno County

Western Zone	All areas west of the western border of the Sierra National Forest.
Middle Zone	From the western boundary of the Sierra National Forest to the 5,000-foot elevation line.
Eastern Zone	From the 5,000-foot elevation line to the eastern boundary of the county.

Inyo County

National Forest Zone	All areas within the Inyo National Forest.
Bishop/ Independence Zone	All areas outside the Inyo National Forest.

Kern County

Western Zone	All areas west of a line following the western boundary of the Sequoia National Park in the northern portion of the county to the intersection of the Kern River, then continuing in a southerly direction east of the towns of Edison, Di Giorgio, and Arvin to a point on the Ventura County border west of the town of Lebec.
Sequoia National Forest Zone	All areas within and surrounded by the Sequoia National Forest, including the towns of Lake Isabella, Bodfish, Wofford Heights, Kernville, Onyx, Weldon, and Havilah.
Middle Zone	All areas between the eastern boundary of the western zone and the Los Angeles Aqueduct, excluding the Sequoia zone.
Eastern Zone	All areas east of the Los Angeles Aqueduct.

Los Angeles County

Western Zone	All areas west of the San Bernardino National Forest boundary line.
Mountain Desert Zone	All areas east of the San Bernardino National Forest boundary line.

Madera County

Western Zone	All areas west of the western boundary of the Sierra National Forest.
Middle Zone	From the western boundary of the Sierra National Forest to the 5,000-foot elevation line.
Eastern Zone	From the 5,000-foot elevation line to the eastern boundary of the county.

Mariposa County

Western Zone	All areas west of the western border of the Stanislaus National Forest.
Middle Zone	From the western boundary of the Stanislaus National Forest to the 5,000-foot elevation line.
Eastern Zone	From the 5,000-foot elevation line to the eastern boundary of the county.

Mono County

National Forest Zone	All areas within the Toiyabe and Inyo National Forests.
Bridgeport Zone	All areas outside the national forest areas.
Mammoth Lakes Zone	To include Mammoth Lakes, June Lake Loop, and Lake Crowley areas.

Nevada County

Western Zone	All areas west of the western boundary of the Tahoe National Forest.
Western Middle Zone	From the western boundary of the Tahoe National Forest to the 5,000-foot elevation level.
Eastern Middle Zone	From the 5,000-foot elevation level to the summit of the Sierra Mountains.
Eastern Zone	From the summit of the Sierra Nevada Mountains to the Nevada border.

Placer County

Western Zone	All areas west of Highway 49 and excluding all towns on Highway 49.
Western Middle Zone	From Highway 49 east to the Tahoe National Forest boundary and including the town of Auburn.
Eastern Middle Zone	From the western boundary of the Tahoe National Forest to the summit of the Sierra Nevada Mountains.
Eastern Zone	From the summit of the Sierra Nevada Mountains to the Nevada border.

Plumas County

Mountain Zone	All areas of Plumas County.
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Riverside County

Western Zone	All areas west of San Gorgonio Pass and the western border of the San Bernardino National Forest, excluding the towns of Calimesa, Beaumont, and Banning.
Eastern Zone	All areas east of San Gorgonio Pass and the western boundary of the San Bernardino National Forest, including the towns of Calimesa, Beaumont, Banning, Anza, and Aguanga.

San Bernardino County

San Bernardino Zone	All areas west of the San Bernardino National Forest boundary line.
Mountain Desert Zone	All areas east of the San Bernardino National Forest boundary line.
Big Bear/Lake Arrowhead Zone	All areas around Lake Arrowhead and Big Bear Valley.

San Diego County

Western Zone	All areas west of the western boundary of the Cleveland National Forest.
Eastern Zone	All areas east of the western boundary of the Cleveland National Forest.

Santa Barbara County

Northern Zone	All areas north of the Santa Ynez River.
Southern Zone	All areas south of the Santa Ynez River.

Sierra County

Western Zone	All areas west of the 5,000-foot elevation line.
Middle Zone	From the 5,000-foot elevation line to the summit of the Sierra Nevada Mountains.
Eastern Zone	From the summit of the Sierra Nevada Mountains to the Nevada border.

Tulare County

Western Zone	All areas west of western boundary of the Sequoia National Forest.
Middle Zone	From the western boundary of the Sequoia National Forest to the 5,000-foot elevation line.
Eastern Zone	From the 5,000-foot elevation line to the eastern boundary of the county.

Tuolumne County

Western Zone	All areas west of the western boundary of the Stanislaus National Forest.
Middle Zone	From the western boundary of the Stanislaus National Forest to the 5,000-foot elevation line.
Eastern Zone	From the 5,000-foot elevation line to the eastern boundary of the county.

Yuba County

Western Zone	All areas west of the western boundary of the Plumas National Forest.
Eastern Zone	All areas east of the eastern boundary of the Plumas National Forest.

LOCATION ADJUSTMENT MAPS **SINGLE FAMILY RESIDENTIAL** (Blue Area Shown on this Map)

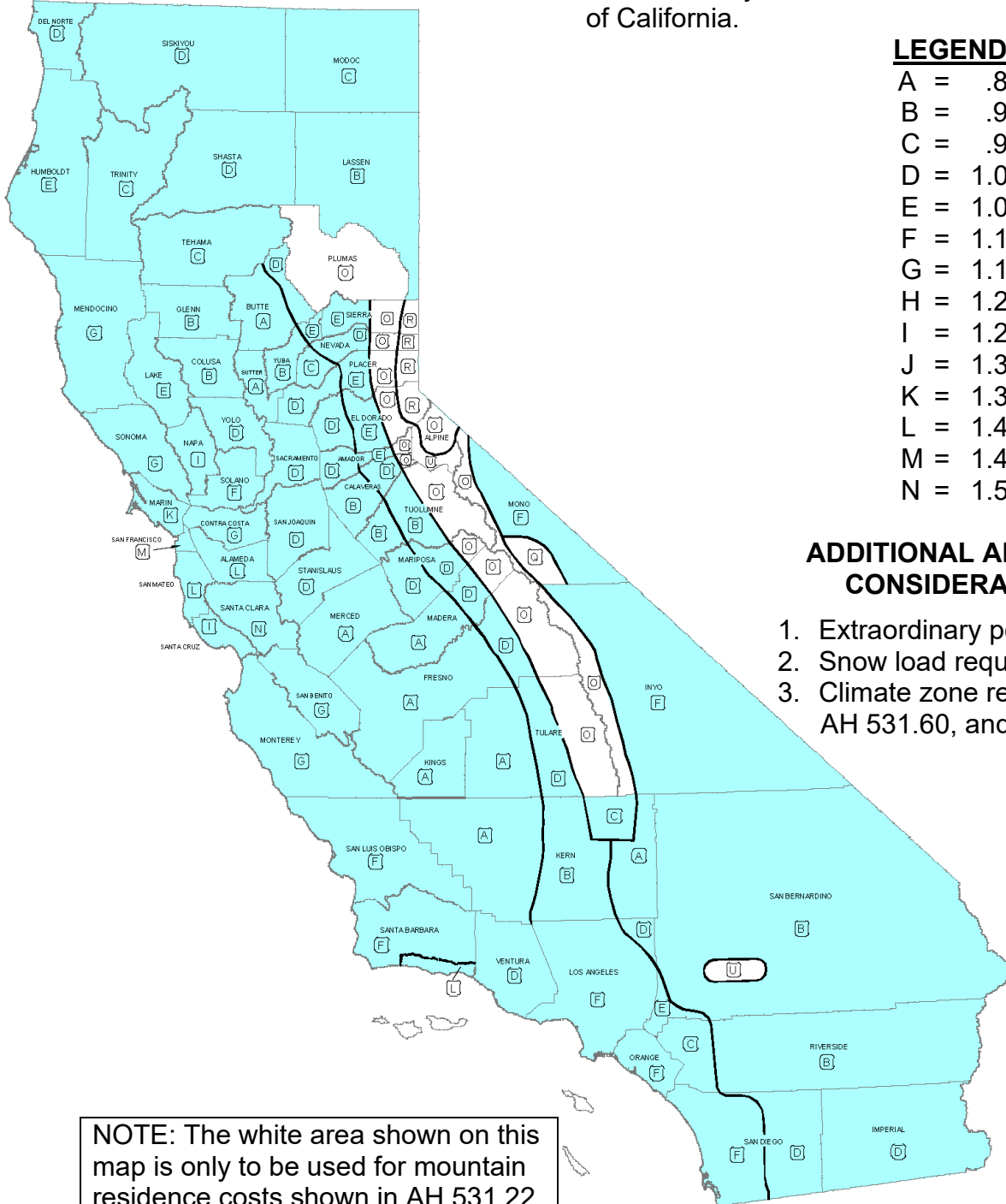
Factors to adjust 1-1-2026 to all locations in the State of California.

LEGEND

A =	.85
B =	.90
C =	.95
D =	1.00
E =	1.05
F =	1.10
G =	1.15
H =	1.20
I =	1.25
J =	1.30
K =	1.35
L =	1.40
M =	1.45
N =	1.50

ADDITIONAL ADJUSTMENT CONSIDERATIONS

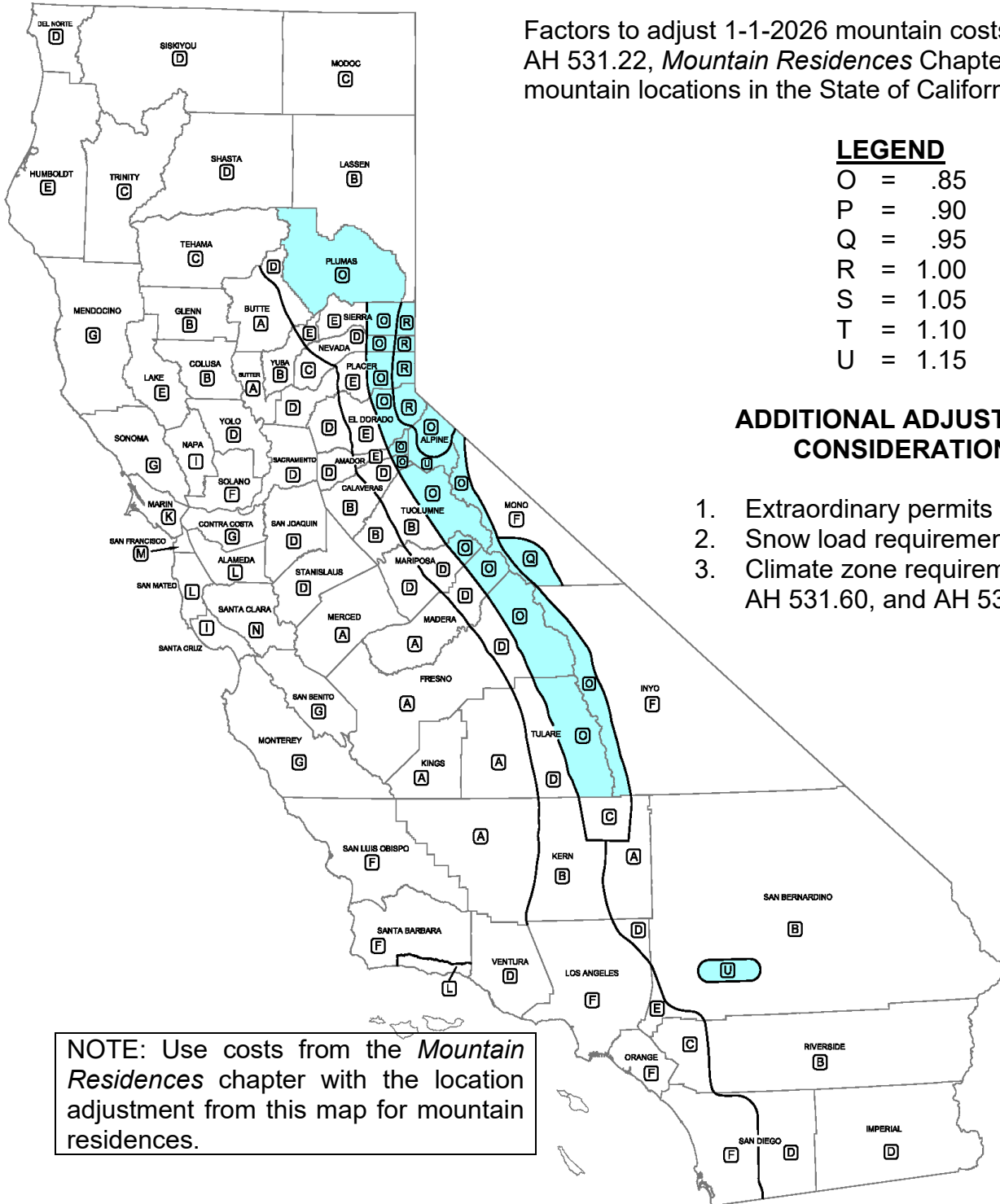
1. Extraordinary permits and fees
2. Snow load requirements
3. Climate zone requirements (see AH 531.60, and AH 531.80A).



NOTE: The white area shown on this map is only to be used for mountain residence costs shown in AH 531.22, *Mountain Residences* chapter.

MOUNTAIN RESIDENCES

(Blue Area Shown on this Map)



AH 531.20

SINGLE-FAMILY RESIDENTIAL

CONVENTIONAL TYPE

SQUARE FOOT AREA COST TABLES

All quality class building specifications, information, and photographs
are published in AH 531A, located on the [BOE website](#).

**SINGLE-FAMILY RESIDENTIAL
CONVENTIONAL TYPE
SQUARE FOOT AREA COST TABLES**

"C" CONSTRUCTION - SHAPE A

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
C-4	138.11	132.10	127.35	123.24	119.45	116.62	113.89	111.52	109.51	107.78	105.99
C-4.5	150.45	143.93	138.75	134.30	130.25	127.03	124.11	121.60	119.41	117.40	115.48
C-5	163.93	157.08	151.31	146.29	141.95	138.42	135.23	132.55	130.22	128.00	126.03
C-5.5	178.85	171.06	164.81	159.51	154.63	150.91	147.32	144.49	141.90	139.45	137.43
C-6	204.22	195.51	188.24	182.09	176.69	172.46	168.23	164.90	161.97	159.55	156.84
C-6.5	224.64	215.07	207.12	200.41	194.42	189.61	185.21	181.57	178.20	175.39	172.48
C-7	247.11	236.43	227.86	220.56	213.84	208.71	203.79	199.82	196.19	192.91	189.92
C-7.5	284.20	271.93	262.10	253.49	246.06	240.01	234.53	229.69	225.52	221.75	218.27
C-8	326.23	312.14	300.74	290.97	282.22	275.44	269.14	263.74	258.94	254.62	250.55

"C" CONSTRUCTION - SHAPE A

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
C-4	104.77	102.07	100.05	98.26	96.74	95.43	94.36	93.31	92.33	91.46	90.23
C-4.5	114.12	111.41	109.15	107.12	105.30	104.07	102.86	101.77	100.78	99.72	98.37
C-5	124.33	121.31	118.85	116.66	114.82	113.38	112.08	110.84	109.74	108.58	107.12
C-5.5	135.49	132.30	129.51	127.26	125.23	123.62	122.29	120.75	119.57	118.39	116.77
C-6	154.82	151.13	147.84	145.08	142.98	141.14	139.61	137.97	136.61	135.24	133.38
C-6.5	170.35	166.15	162.71	159.90	157.43	155.23	153.39	151.76	150.34	148.81	146.67
C-7	187.38	182.84	179.05	175.84	173.08	170.98	168.81	166.87	165.33	163.69	161.50
C-7.5	215.50	210.16	205.97	202.19	198.97	196.47	194.23	191.96	190.14	188.29	185.62
C-8	247.26	241.37	236.43	232.11	228.46	225.55	222.79	220.26	218.27	216.16	212.95

"C" CONSTRUCTION - SHAPE B

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
C-4	142.06	136.25	131.27	127.03	123.62	120.59	117.85	115.48	113.56	111.52	110.16
C-4.5	154.68	148.42	143.03	138.42	134.79	131.40	128.51	126.03	123.74	121.60	120.04
C-5	168.72	161.95	155.81	150.91	146.96	143.19	139.95	137.43	134.91	132.55	130.78
C-5.5	184.07	176.27	169.89	164.64	160.18	156.27	152.58	149.70	147.09	144.49	142.62
C-6	209.99	201.44	193.87	187.81	182.84	178.20	174.34	170.81	167.97	164.90	162.80
C-6.5	231.13	221.63	213.60	206.77	201.22	196.19	191.68	187.96	184.68	181.57	179.11
C-7	254.36	243.78	234.83	227.41	221.40	215.75	210.93	206.83	203.17	199.82	196.98
C-7.5	292.36	280.30	270.24	261.55	254.56	248.15	242.69	237.90	233.82	229.69	226.74
C-8	335.58	321.79	310.08	300.15	292.23	284.77	278.47	273.08	268.33	263.74	260.29

"C" CONSTRUCTION - SHAPE B

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
C-4	108.57	106.04	104.07	102.01	100.78	99.32	98.09	97.12	96.29	95.51	94.01
C-4.5	118.35	115.56	113.38	111.33	109.74	108.26	106.91	105.88	104.93	104.12	102.46
C-5	128.99	126.06	123.53	121.25	119.49	117.99	116.64	115.35	114.32	113.56	111.60
C-5.5	140.57	137.45	134.70	132.25	130.37	128.59	127.15	125.75	124.66	123.74	121.67
C-6	160.57	156.94	153.80	150.94	148.97	146.95	145.23	143.58	142.28	141.34	138.93
C-6.5	176.59	172.78	169.40	166.03	163.81	161.71	159.68	157.97	156.76	155.52	153.00
C-7	194.42	190.02	186.09	182.67	180.22	177.68	175.73	173.84	172.27	171.05	168.23
C-7.5	223.59	218.56	214.11	210.08	207.13	204.39	202.04	199.82	198.14	196.61	193.59
C-8	256.59	250.74	245.72	241.12	237.86	234.53	231.87	229.54	227.50	225.64	222.13

**SINGLE-FAMILY RESIDENTIAL
CONVENTIONAL TYPE
SQUARE FOOT AREA COST TABLES**

"C" CONSTRUCTION - SHAPE C

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
C-4	146.29	140.33	135.46	131.40	127.58	124.51	121.98	119.83	117.61	115.63	114.17
C-4.5	159.50	152.93	147.58	143.18	139.16	135.77	133.04	130.47	128.40	126.10	124.44
C-5	173.79	166.77	160.93	156.05	151.56	148.12	144.93	142.22	139.81	137.56	135.73
C-5.5	189.43	181.68	175.45	170.07	165.30	161.35	157.95	155.05	152.35	149.82	147.90
C-6	216.31	207.60	200.15	194.21	188.62	184.31	180.46	177.05	174.01	171.23	168.84
C-6.5	238.00	228.19	220.40	213.72	207.70	202.66	198.57	194.79	191.55	188.30	185.78
C-7	261.74	251.19	242.47	235.15	228.43	223.05	218.37	214.30	210.62	207.11	204.30
C-7.5	301.02	288.93	278.82	270.42	262.89	256.58	251.14	246.53	242.20	238.24	235.06
C-8	345.69	331.62	320.07	310.44	301.54	294.55	288.43	282.86	278.09	273.40	269.86

"C" CONSTRUCTION - SHAPE C

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
C-4	112.58	110.20	108.01	106.41	104.86	103.51	102.33	101.32	100.30	99.71	97.60
C-4.5	122.90	120.08	117.84	115.96	114.25	112.79	111.49	110.45	109.35	108.57	106.46
C-5	133.82	130.82	128.51	126.18	124.50	122.94	121.51	120.34	119.20	118.37	115.97
C-5.5	145.88	142.62	139.91	137.64	135.76	134.16	132.46	131.26	130.00	129.10	126.24
C-6	166.61	163.00	159.81	157.07	154.98	153.11	151.29	149.85	148.44	147.57	144.18
C-6.5	183.31	179.36	175.84	172.94	170.55	168.50	166.41	164.79	163.36	162.05	158.68
C-7	201.71	197.29	193.49	190.30	187.69	185.37	183.06	181.39	179.60	178.36	174.65
C-7.5	231.99	226.83	222.48	218.82	215.77	213.00	210.58	208.49	206.55	205.05	200.91
C-8	266.31	260.40	255.26	251.11	247.59	244.57	241.78	239.51	237.29	235.59	230.54

"C" CONSTRUCTION - SHAPE D

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
C-4	150.49	144.51	139.72	135.30	131.79	128.80	126.18	123.71	121.74	119.95	118.23
C-4.5	164.07	157.70	152.30	147.57	143.83	140.33	137.64	134.90	132.68	130.61	128.90
C-5	178.95	171.71	166.01	160.84	156.59	152.93	149.86	147.08	144.73	142.45	140.48
C-5.5	195.03	187.29	180.89	175.34	170.89	166.77	163.48	160.30	157.74	155.27	153.11
C-6	222.59	213.80	206.55	200.13	195.01	190.40	186.71	182.84	179.99	177.30	174.89
C-6.5	245.00	235.15	227.23	220.21	214.55	209.49	205.37	201.22	198.06	195.10	192.29
C-7	269.57	258.72	250.04	242.25	236.06	230.43	225.95	221.49	217.91	214.57	211.67
C-7.5	310.05	297.65	287.53	278.73	271.48	265.10	259.78	254.85	250.62	246.73	243.39
C-8	355.83	341.64	330.02	319.94	311.50	304.20	298.34	292.35	287.76	283.29	279.23

"C" CONSTRUCTION - SHAPE D

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
C-4	116.65	114.24	112.11	110.33	108.73	107.48	106.13	105.24	104.46	103.53	102.31
C-4.5	127.25	124.49	122.30	120.28	118.64	117.26	115.63	114.80	113.87	112.85	111.41
C-5	138.64	135.75	133.28	131.15	129.11	127.70	126.09	125.09	124.08	122.96	121.42
C-5.5	151.24	147.90	145.12	142.96	140.83	139.22	137.59	136.33	135.30	134.22	132.40
C-6	172.58	168.99	165.92	163.23	160.66	158.95	156.99	155.81	154.56	153.28	151.17
C-6.5	189.98	185.88	182.48	179.58	176.79	174.89	172.82	171.29	169.95	168.57	166.34
C-7	208.94	204.55	200.67	197.46	194.68	192.40	190.17	188.57	187.06	185.43	183.00
C-7.5	240.29	235.24	230.88	227.16	223.74	221.38	218.61	216.79	215.11	213.28	210.41
C-8	275.81	270.14	265.10	260.73	256.96	253.92	250.89	248.82	246.95	244.97	241.49

**SINGLE-FAMILY RESIDENTIAL
CONVENTIONAL TYPE
SQUARE FOOT AREA COST TABLES**

"D" CONSTRUCTION - SHAPE A

Class	400	500	600	700	800	900	1000	1100	1200	1300	1400
D-1	95.14	88.39	83.27	79.44	76.12	73.53	71.36	69.48	67.85	66.67	65.40
D-1.5	104.49	96.99	91.30	87.13	83.63	80.80	78.38	76.30	74.47	73.32	71.84
D-2	114.67	106.53	100.44	95.74	91.97	88.70	86.04	83.72	81.94	80.37	78.89
D-3	125.85	116.95	110.20	105.12	100.89	97.47	94.40	91.98	89.99	88.31	86.69
D-3.5	138.24	128.36	121.06	115.47	110.78	106.95	103.71	101.05	98.80	96.91	95.14
D-4	151.76	141.02	132.84	126.66	121.58	117.28	113.84	110.88	108.49	106.53	104.49
D-4.5	166.59	154.67	145.88	139.18	133.60	128.80	125.05	121.83	119.12	116.84	114.67

"D" CONSTRUCTION - SHAPE A

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
D-5	152.71	146.67	141.44	137.24	133.73	130.67	128.26	125.85	123.87	122.10	120.47
D-5.5	167.71	161.10	155.40	150.79	146.86	143.46	140.64	138.24	135.90	133.97	132.24
D-6	192.75	185.36	178.66	173.44	168.90	165.09	161.78	159.01	156.49	154.02	152.01
D-6.5	213.72	205.14	198.05	192.26	187.19	182.97	179.35	176.16	173.28	170.84	168.75
D-7	236.92	227.60	219.53	213.05	207.43	202.78	198.90	195.26	192.11	189.26	187.02
D-7.5	274.53	263.56	254.22	246.74	240.24	234.88	230.39	226.05	222.72	219.30	216.52

"D" CONSTRUCTION - SHAPE A

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
D-5	119.15	116.68	114.67	112.99	111.40	110.20	108.89	107.99	107.30	106.53	105.12
D-5.5	130.84	128.17	125.85	124.21	122.44	120.93	119.66	118.58	117.80	116.95	115.47
D-6	150.45	147.33	144.81	142.66	140.68	139.08	137.59	136.44	135.54	134.49	132.81
D-6.5	166.93	163.28	160.43	158.12	156.14	154.24	152.51	151.27	150.20	149.03	147.19
D-7	184.90	180.99	177.77	175.33	172.88	170.93	169.08	167.64	166.52	165.09	163.08
D-7.5	214.14	209.70	206.12	203.24	200.29	197.95	195.77	194.18	192.83	191.32	188.96

"D" CONSTRUCTION - SHAPE A

Class	1300	1400	1500	1600	1700	1800	2000	2200	2400	2600	2800
D-8	279.08	274.06	269.51	265.39	262.27	259.41	253.86	249.55	246.82	242.75	239.70
D-8.5	334.30	328.19	322.65	317.84	314.10	310.37	303.98	298.88	295.42	290.47	287.07
D-9	475.68	466.99	459.33	452.49	447.00	441.92	432.58	425.01	420.63	413.58	408.63
D-9.5	706.16	693.39	682.02	671.65	663.60	656.16	642.37	631.48	624.44	614.02	606.50
D-10	841.38	826.05	812.45	800.48	790.88	781.92	765.51	752.76	743.97	731.66	722.84

"D" CONSTRUCTION - SHAPE A

Class	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000
D-8	237.19	235.23	233.55	231.68	230.14	229.18	228.12	227.15	226.64	225.48	225.14
D-8.5	284.09	281.73	279.60	277.60	275.38	274.08	273.17	271.84	271.19	269.97	269.71
D-9	404.42	400.97	398.07	394.98	391.86	389.96	388.84	386.81	386.10	384.29	383.60
D-9.5	600.41	595.32	590.99	586.32	581.97	579.11	577.22	574.38	573.16	570.59	569.78
D-10	715.44	709.40	704.19	698.94	693.49	690.14	687.72	684.67	680.69	679.92	679.05

**SINGLE-FAMILY RESIDENTIAL
CONVENTIONAL TYPE
SQUARE FOOT AREA COST TABLES**

"D" CONSTRUCTION - SHAPE B

Class	400	500	600	700	800	900	1000	1100	1200	1300	1400
D-1	97.10	90.21	85.06	80.88	77.64	75.02	72.72	71.18	69.43	68.08	66.73
D-1.5	106.69	99.07	93.37	88.74	85.22	82.50	80.06	77.93	76.10	74.88	73.35
D-2	117.07	108.70	102.54	97.56	93.60	90.51	87.81	85.82	83.69	82.07	80.44
D-3	128.61	119.53	112.70	106.95	102.82	99.41	96.37	94.17	91.95	90.19	88.45
D-3.5	141.15	131.10	123.65	117.50	112.94	109.21	105.82	103.37	100.96	99.04	97.10
D-4	155.13	143.94	135.76	129.11	123.94	119.88	116.26	113.40	110.75	108.67	106.69
D-4.5	170.22	157.97	149.02	141.78	136.08	131.66	127.63	124.55	121.58	119.18	117.07

"D" CONSTRUCTION - SHAPE B

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
D-5	155.44	149.35	144.44	140.00	136.70	133.55	130.84	128.50	126.70	124.72	123.09
D-5.5	170.63	163.91	158.46	153.67	150.05	146.63	143.86	141.15	139.20	136.86	135.13
D-6	196.42	188.60	182.26	176.85	172.47	168.71	165.28	162.46	159.97	157.46	155.55
D-6.5	217.62	209.11	201.98	195.95	191.37	186.83	183.13	179.96	177.40	174.50	172.35
D-7	241.20	231.75	223.96	217.29	211.99	207.11	203.15	199.43	196.58	193.45	190.84
D-7.5	279.47	268.46	259.39	251.70	245.60	239.86	235.31	231.07	227.23	223.87	221.20

"D" CONSTRUCTION - SHAPE B

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
D-5	121.78	119.18	117.18	115.49	114.28	112.94	111.66	110.75	109.91	109.21	107.86
D-5.5	133.71	131.00	128.61	126.93	125.53	124.16	122.62	121.58	120.65	119.88	118.41
D-6	153.87	150.73	147.90	146.02	144.28	142.58	141.15	139.93	138.94	138.08	136.35
D-6.5	170.46	166.95	164.11	161.73	159.96	158.06	156.43	155.08	153.87	152.84	151.01
D-7	188.92	185.14	181.79	179.28	177.29	175.28	173.45	171.81	170.46	169.38	167.47
D-7.5	218.99	214.40	210.64	207.77	205.42	203.15	200.86	199.17	197.45	196.28	193.94

"D" CONSTRUCTION - SHAPE B

Class	1300	1400	1500	1600	1700	1800	2000	2200	2400	2600	2800
D-8	285.05	279.78	275.11	270.98	267.74	265.03	259.70	254.99	251.69	248.68	245.79
D-8.5	341.15	335.04	329.35	324.66	320.61	317.20	311.02	305.32	301.20	297.71	294.11
D-9	485.89	476.83	468.96	462.12	456.41	451.63	442.69	434.75	428.75	423.86	418.58
D-9.5	721.39	708.18	696.51	685.94	677.89	670.38	657.42	645.57	636.71	629.24	621.61
D-10	859.63	843.70	829.82	817.62	807.66	798.94	783.22	769.34	758.84	749.95	740.92

"D" CONSTRUCTION - SHAPE B

Class	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000
D-8	243.33	241.11	239.25	237.82	235.84	234.83	234.01	233.04	232.39	231.54	230.98
D-8.5	291.17	288.53	286.29	284.61	282.58	281.16	280.11	279.01	278.34	277.26	276.46
D-9	414.49	410.82	407.64	405.02	401.98	400.24	398.70	397.14	396.03	394.58	393.74
D-9.5	615.47	609.81	605.43	601.62	596.82	594.10	592.05	589.54	588.19	585.82	584.68
D-10	733.34	727.69	721.15	716.76	711.50	708.13	705.82	702.56	700.91	698.32	696.84

**SINGLE-FAMILY RESIDENTIAL
CONVENTIONAL TYPE
SQUARE FOOT COST TABLES**

"D" CONSTRUCTION - SHAPE C

Class	400	500	600	700	800	900	1000	1100	1200	1300	1400
D-1	99.39	92.21	86.96	82.12	79.04	76.60	74.29	72.53	70.80	69.48	68.41
D-1.5	109.22	101.29	95.40	90.23	86.96	84.09	81.63	79.53	77.79	76.30	75.03
D-2	119.69	111.31	104.71	99.10	95.40	92.21	89.54	87.25	85.46	83.72	82.46
D-3	131.42	122.11	115.03	108.79	104.71	101.15	98.43	95.94	93.92	91.98	90.45
D-3.5	144.48	134.14	126.42	119.56	114.99	111.22	107.89	105.33	103.05	101.05	99.39
D-4	158.55	147.18	138.67	131.12	126.17	122.09	118.44	115.51	113.26	110.88	109.17
D-4.5	174.00	161.79	152.26	144.00	138.64	133.94	130.21	126.93	124.34	121.82	119.69

"D" CONSTRUCTION - SHAPE C

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
D-5	158.29	152.26	147.10	142.90	139.32	136.54	133.85	131.42	129.39	127.73	126.13
D-5.5	173.90	167.16	161.49	156.86	152.88	149.91	146.97	144.48	142.01	140.33	138.57
D-6	199.84	192.38	185.78	180.47	176.03	172.47	169.05	166.10	163.31	161.21	159.35
D-6.5	221.55	213.17	205.92	200.09	195.17	191.01	187.41	184.10	181.12	178.83	176.62
D-7	245.62	236.16	228.29	221.68	216.11	211.78	207.65	204.07	200.74	198.14	195.83
D-7.5	284.38	273.55	270.76	256.85	250.46	245.47	240.70	236.44	235.84	229.55	226.76

"D" CONSTRUCTION - SHAPE C

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
D-5	124.68	122.30	120.32	118.41	117.05	115.79	114.72	113.72	112.88	112.13	110.75
D-5.5	136.90	134.21	131.98	130.11	128.53	127.24	126.04	124.74	123.90	123.12	121.53
D-6	157.48	154.56	151.90	149.70	147.91	146.24	144.87	143.56	142.55	141.64	139.80
D-6.5	174.50	171.22	168.29	165.94	163.96	162.23	160.73	158.98	158.00	156.97	154.99
D-7	193.48	189.83	186.63	183.77	181.66	179.72	178.08	176.31	175.09	174.08	171.78
D-7.5	224.11	219.82	216.11	213.01	210.36	208.06	206.16	204.12	202.95	201.55	199.00

"D" CONSTRUCTION - SHAPE C

Class	1300	1400	1500	1600	1700	1800	2000	2200	2400	2600	2800
D-8	291.48	286.25	282.25	277.88	274.14	271.16	266.27	261.75	258.04	254.75	252.11
D-8.5	349.11	342.76	337.77	332.57	328.34	324.78	318.74	313.49	308.97	305.07	301.92
D-9	496.84	487.79	480.75	473.29	467.51	462.30	453.75	446.11	439.82	434.13	429.79
D-9.5	737.85	724.51	714.16	702.74	694.02	686.54	673.77	662.56	652.86	645.01	638.10
D-10	879.01	863.16	850.83	837.47	827.02	818.05	802.76	789.26	778.41	768.65	760.40

"D" CONSTRUCTION - SHAPE C

Class	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000
D-8	249.81	247.43	245.86	244.25	242.28	241.22	240.23	239.30	238.62	237.80	237.18
D-8.5	299.06	296.24	294.22	292.36	290.14	288.92	287.76	286.32	285.73	284.55	284.06
D-9	425.74	421.94	418.67	416.15	412.80	411.23	409.41	407.74	406.56	404.97	404.45
D-9.5	634.08	626.22	621.69	617.74	613.07	610.23	607.81	605.53	603.84	601.38	600.41
D-10	753.45	745.98	741.03	736.26	730.48	727.48	724.45	721.27	719.35	716.58	715.44

**SINGLE-FAMILY RESIDENTIAL
CONVENTIONAL TYPE
SQUARE FOOT AREA COST TABLES**

"D" CONSTRUCTION - SHAPE D

Class	400	500	600	700	800	900	1000	1100	1200	1300	1400
D-1	101.70	94.40	88.62	84.09	80.91	78.27	76.03	74.26	72.60	71.31	70.01
D-1.5	111.62	103.71	97.17	92.22	88.78	85.95	83.54	81.53	79.63	78.36	76.86
D-2	122.48	113.78	106.82	101.31	97.59	94.24	91.63	89.47	87.63	85.95	84.31
D-3	134.65	125.05	117.24	111.22	106.98	103.53	100.64	98.27	96.02	94.34	92.71
D-3.5	147.82	137.16	128.76	122.14	117.56	113.72	110.58	107.84	105.54	103.64	101.83
D-4	162.15	150.64	141.27	134.00	129.16	124.83	121.31	118.40	116.02	113.74	111.63
D-4.5	178.24	165.51	154.93	147.11	141.84	137.05	133.38	130.03	127.32	124.90	122.61

"D" CONSTRUCTION - SHAPE D

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
D-5	161.42	155.50	150.35	146.24	142.78	139.64	137.05	134.74	132.78	131.05	129.33
D-5.5	177.29	170.71	165.11	160.52	156.80	153.48	150.45	147.96	145.88	143.93	141.99
D-6	203.93	196.52	189.98	184.70	180.36	176.33	173.11	169.93	167.73	165.40	163.32
D-6.5	225.95	217.72	210.45	204.73	199.85	195.44	191.78	188.61	185.82	183.54	181.11
D-7	250.40	241.30	233.30	226.77	221.38	216.54	212.52	208.88	206.07	203.26	200.73
D-7.5	290.15	279.59	270.21	262.79	256.50	250.95	246.33	242.14	238.74	235.50	232.46

"D" CONSTRUCTION - SHAPE D

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
D-5	127.90	125.57	123.42	121.83	120.38	119.12	117.92	117.02	116.18	115.39	113.84
D-5.5	140.44	137.82	135.54	133.75	132.14	130.82	129.39	128.47	127.48	126.60	125.07
D-6	161.67	158.55	155.83	153.90	151.92	150.36	148.81	147.83	146.67	145.62	143.72
D-6.5	179.18	175.69	172.81	170.50	168.42	166.66	165.08	163.73	162.56	161.52	159.48
D-7	198.49	194.66	191.58	188.99	186.65	184.65	182.81	181.58	180.09	178.99	176.62
D-7.5	231.31	225.72	221.85	219.08	216.33	213.92	211.91	210.16	208.67	207.08	204.72

"D" CONSTRUCTION - SHAPE D

Class	1300	1400	1500	1600	1700	1800	2000	2200	2400	2600	2800
D-8	297.98	292.90	288.16	284.43	281.03	278.66	273.23	268.70	265.15	262.01	259.38
D-8.5	356.74	350.51	345.05	340.64	336.33	333.58	327.17	321.78	317.49	313.58	310.35
D-9	507.68	499.15	491.11	484.71	478.91	474.79	465.71	457.71	451.88	446.48	441.90
D-9.5	754.02	741.10	729.28	719.69	711.01	704.81	691.74	679.92	671.31	662.82	656.10
D-10	898.38	883.27	868.85	858.01	847.40	840.02	823.90	810.19	799.66	789.90	781.85

"D" CONSTRUCTION - SHAPE D

Class	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000
D-8	256.76	254.73	252.69	250.95	249.12	248.10	247.14	246.04	245.35	244.39	244.05
D-8.5	307.34	304.91	302.67	300.57	298.39	297.07	295.83	294.61	293.87	292.66	292.16
D-9	437.72	434.06	430.79	427.95	424.68	422.70	421.03	419.29	418.25	416.55	415.75
D-9.5	649.76	644.55	639.64	635.24	630.38	627.57	625.40	622.81	621.37	618.51	617.62
D-10	774.38	768.34	762.09	757.06	751.28	747.79	745.40	742.06	740.24	737.29	736.05

AH 531.21

SINGLE-FAMILY RESIDENTIAL

MODERN TYPE

SQUARE FOOT AREA COST TABLES

All quality class building specifications, information, and photographs
are published in AH 531A, located on the [BOE website](#).

**SINGLE-FAMILY RESIDENTIAL
PRE-1990 MODERN TYPE
SQUARE FOOT AREA COST TABLES**

"D" CONSTRUCTION - SHAPE A

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
D-5	145.00	138.90	133.89	129.58	126.19	123.16	120.52	118.10	116.27	114.44	113.01
D-5.5	159.51	152.79	147.30	142.59	138.79	135.48	132.55	129.82	127.93	125.93	124.37
D-6	183.70	176.10	169.69	164.26	160.04	156.14	152.75	149.63	147.36	145.12	143.09
D-6.5	204.08	195.50	188.53	182.42	177.62	173.31	169.50	166.31	163.69	161.17	159.00
D-7	226.58	216.92	209.23	202.48	197.19	192.55	188.27	184.52	181.67	178.96	176.47
D-7.5	262.99	251.84	242.80	235.08	228.79	223.39	218.60	214.18	210.99	207.59	204.87
D-8	307.49	294.70	283.98	274.89	267.62	261.30	255.62	250.63	246.77	243.02	239.61
D-8.5	352.38	337.73	325.45	314.99	306.82	299.45	292.96	287.16	282.71	278.41	274.48
D-9	480.08	459.97	443.37	429.07	417.86	407.93	399.14	391.19	385.25	379.24	374.04
D-9.5	687.00	658.25	634.45	614.01	597.90	583.57	571.07	559.61	551.20	542.85	535.16
D-10	790.05	757.02	729.45	706.03	687.61	671.20	656.68	643.61	633.84	624.26	615.53

"D" CONSTRUCTION - SHAPE A

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
D-5	111.53	108.95	107.05	105.35	103.94	102.72	101.73	100.80	99.92	99.20	97.87
D-5.5	122.75	119.92	117.90	115.95	114.31	112.88	111.95	110.84	109.85	109.07	107.67
D-6	141.41	138.18	135.84	133.60	131.77	129.99	128.89	127.78	126.65	125.75	124.04
D-6.5	157.08	153.43	150.84	148.37	146.14	144.46	143.08	141.95	140.54	139.70	137.81
D-7	174.17	170.42	167.52	164.60	162.43	160.37	159.00	157.55	156.19	154.98	152.88
D-7.5	202.33	197.85	194.38	191.10	188.51	186.20	184.44	182.80	181.28	180.05	177.55
D-8	236.68	231.31	227.34	223.46	220.38	217.75	215.74	213.92	211.96	210.49	207.56
D-8.5	271.32	265.07	260.51	256.17	252.62	249.51	247.17	245.04	242.92	241.29	237.88
D-9	369.62	361.07	355.05	348.93	344.15	339.83	336.73	333.90	330.87	328.70	324.06
D-9.5	528.68	516.74	507.87	499.24	492.35	486.25	481.88	477.87	473.49	470.25	463.66
D-10	608.08	594.26	583.92	574.13	566.23	559.19	554.17	549.53	544.50	540.83	533.23

"D" CONSTRUCTION - SHAPE A

Class	4200	4400	4600	5000
D-6	122.24	122.00	121.12	119.92
D-6.5	136.56	135.47	134.51	133.20
D-7	151.49	150.27	149.26	147.75
D-7.5	175.93	174.53	173.32	171.58
D-8	207.59	205.93	204.50	202.45
D-8.5	235.74	233.82	232.21	229.88
D-9	321.13	318.56	316.32	313.17
D-9.5	459.49	455.83	452.60	448.11
D-10	528.43	524.21	520.52	515.31

**SINGLE-FAMILY RESIDENTIAL
PRE-1990 MODERN TYPE
SQUARE FOOT AREA COST TABLES**

"D" CONSTRUCTION - SHAPE B

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
D-5	147.88	141.71	136.39	132.25	128.64	125.61	123.17	120.79	118.77	117.03	115.45
D-5.5	162.63	155.78	150.08	145.54	141.44	138.07	135.51	132.86	130.73	128.81	127.09
D-6	187.36	179.61	172.79	167.66	163.06	159.14	156.17	153.21	150.79	148.46	146.41
D-6.5	208.13	199.42	191.82	186.12	181.02	176.73	173.34	169.91	167.34	164.77	162.64
D-7	231.01	221.32	213.07	206.61	201.00	196.30	192.57	188.72	185.61	182.96	180.63
D-7.5	268.02	256.91	247.26	239.90	233.40	227.76	223.50	219.02	215.69	212.27	209.52
D-8	313.49	300.39	289.34	280.52	272.87	266.47	261.34	256.22	252.15	248.36	245.01
D-8.5	359.26	344.27	331.53	321.54	312.62	305.34	299.50	293.56	288.83	284.62	280.82
D-9	489.51	469.04	451.64	438.04	425.96	416.07	407.98	399.93	393.52	387.72	382.54
D-9.5	700.52	670.99	646.37	626.69	609.51	595.28	583.65	572.27	563.16	554.83	547.38
D-10	805.52	771.66	743.29	720.73	700.93	684.70	671.31	658.07	647.64	638.07	629.37

"D" CONSTRUCTION - SHAPE B

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
D-5	114.01	111.60	109.79	108.15	106.65	105.36	104.35	103.33	102.49	101.74	100.64
D-5.5	125.38	122.82	120.79	118.77	117.19	115.96	114.71	113.71	112.77	111.96	110.68
D-6	144.60	141.45	139.17	137.04	135.28	133.62	132.20	130.95	129.88	128.94	127.59
D-6.5	160.54	157.19	154.59	152.12	150.08	148.38	146.76	145.46	144.25	143.09	141.66
D-7	178.23	174.34	171.62	168.86	166.55	164.64	163.02	161.36	160.20	159.02	157.31
D-7.5	206.82	202.38	199.18	196.13	193.35	191.16	189.22	187.34	185.82	184.46	182.44
D-8	242.03	236.84	232.99	229.42	226.17	223.49	221.40	219.19	217.39	215.77	213.48
D-8.5	277.17	271.39	267.03	262.90	259.25	256.22	253.66	251.17	249.14	247.21	244.66
D-9	377.69	369.78	363.92	358.11	353.15	348.98	345.52	342.19	339.41	336.77	333.31
D-9.5	540.52	528.97	520.42	512.56	505.44	499.33	494.51	489.62	485.70	481.94	477.01
D-10	621.58	608.33	598.53	589.37	581.15	574.23	568.60	563.13	558.50	554.26	548.48

"D" CONSTRUCTION - SHAPE B

Class	4200	4400	4600	5000
D-6	126.44	125.41	124.56	123.31
D-6.5	140.38	139.27	138.30	136.90
D-7	155.89	154.65	153.56	152.03
D-7.5	180.79	179.35	178.10	176.34
D-8	211.60	209.89	208.44	206.33
D-8.5	242.80	239.77	237.95	236.30
D-9	330.33	327.67	325.40	322.11
D-9.5	472.68	471.06	467.75	463.08
D-10	543.55	539.15	537.48	532.13

**SINGLE-FAMILY RESIDENTIAL
PRE-1990 MODERN TYPE
SQUARE FOOT AREA COST TABLES**

"D" CONSTRUCTION - SHAPE C

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
D-5	150.22	144.13	138.93	134.72	131.10	128.27	125.60	123.38	121.12	119.51	117.99
D-5.5	165.25	158.51	152.81	148.19	144.30	141.20	138.07	135.67	133.29	131.51	129.76
D-6	190.44	182.64	176.16	170.80	166.22	162.63	159.12	156.31	153.45	151.52	149.47
D-6.5	211.48	202.84	195.54	189.67	184.53	180.49	176.71	173.60	170.50	168.28	166.02
D-7	234.71	225.13	217.10	210.58	204.88	200.43	196.28	192.71	189.28	186.88	184.33
D-7.5	272.40	261.28	251.97	244.21	237.92	232.72	227.73	223.60	219.65	216.83	213.95
D-8	318.68	305.65	294.84	285.79	278.35	272.13	266.46	261.43	257.03	253.63	250.27
D-8.5	365.18	350.27	337.83	327.42	318.99	311.80	305.32	299.65	294.56	290.61	286.73
D-9	497.44	477.19	460.26	446.14	434.54	424.79	415.99	408.22	401.21	395.85	390.76
D-9.5	711.78	682.75	658.58	638.39	621.77	607.84	595.23	584.23	574.12	566.40	559.05
D-10	818.50	785.15	757.41	734.17	715.13	699.02	684.64	671.71	660.23	651.35	642.91

"D" CONSTRUCTION - SHAPE C

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
D-5	113.82	111.68	109.79	107.54	106.76	105.78	104.80	103.91	102.96	102.30	101.20
D-5.5	128.27	125.60	123.56	120.78	119.94	118.69	117.71	116.62	115.43	114.75	113.49
D-6	147.92	144.68	142.27	139.16	138.20	136.86	135.48	134.39	133.10	132.36	130.70
D-6.5	164.11	160.65	158.04	154.57	153.44	151.89	150.62	149.28	147.61	146.92	145.12
D-7	182.24	178.43	175.42	171.61	170.43	168.68	167.12	165.87	164.11	163.02	161.10
D-7.5	211.53	207.10	203.40	199.16	197.87	195.66	193.94	192.33	190.45	189.28	187.03
D-8	247.45	242.27	238.09	232.98	231.32	228.94	226.82	224.90	222.68	221.42	220.54
D-8.5	283.52	277.63	272.88	266.99	265.09	262.35	259.93	257.81	255.15	253.73	250.63
D-9	386.15	378.17	371.73	363.90	361.11	357.41	354.23	351.13	347.51	345.54	341.39
D-9.5	552.62	541.17	532.02	520.39	516.79	511.43	506.69	502.43	497.35	494.63	488.51
D-10	635.47	622.25	611.79	610.46	594.30	588.16	582.68	577.76	571.97	568.74	561.64

"D" CONSTRUCTION - SHAPE C

Class	4200	4400	4600	5000
D-6	129.53	128.47	127.56	126.31
D-6.5	142.99	141.82	140.83	139.40
D-7	159.62	158.36	157.26	155.68
D-7.5	185.32	183.84	182.58	180.72
D-8	218.61	216.90	215.37	213.23
D-8.5	248.37	246.40	244.69	242.20
D-9	338.36	335.62	333.28	329.92
D-9.5	484.09	480.22	476.85	472.12
D-10	556.58	552.10	548.28	542.78

**SINGLE-FAMILY RESIDENTIAL
PRE-1990 MODERN TYPE
SQUARE FOOT AREA COST TABLES**

"D" CONSTRUCTION - SHAPE D

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
D-5	152.68	146.46	141.73	137.37	133.96	130.85	128.30	126.15	123.96	122.20	120.78
D-5.5	167.82	161.16	155.80	151.04	147.37	143.99	141.22	138.74	136.41	134.49	132.83
D-6	193.52	185.61	179.62	174.06	169.85	165.99	162.71	159.91	157.28	154.95	153.20
D-6.5	214.81	206.24	199.45	193.30	188.62	184.29	180.61	177.59	174.63	172.22	169.90
D-7	238.53	228.98	221.45	214.55	209.28	204.54	200.47	197.17	193.77	191.14	188.70
D-7.5	276.81	265.61	256.90	249.00	243.03	237.30	232.76	228.70	224.87	221.77	219.00
D-8	323.70	310.85	300.42	291.23	284.17	277.68	272.19	267.56	263.14	259.41	256.19
D-8.5	370.98	356.29	344.27	333.79	325.68	318.16	311.90	306.57	301.51	297.12	293.55
D-9	505.33	485.27	468.99	454.62	443.70	433.45	424.95	417.74	410.75	404.98	399.88
D-9.5	723.12	694.61	671.20	650.53	634.87	620.22	607.99	597.77	587.70	579.32	572.26
D-10	831.60	798.75	771.79	748.19	730.09	713.17	699.21	687.37	675.87	666.37	658.01

"D" CONSTRUCTION - SHAPE D

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
D-5	119.27	116.85	115.02	113.16	111.78	110.39	109.43	108.58	107.68	107.02	105.60
D-5.5	131.15	128.63	126.44	124.57	122.89	121.41	120.26	119.44	118.47	117.72	116.15
D-6	151.30	148.19	145.59	143.52	141.70	139.96	138.66	137.64	136.49	135.71	133.76
D-6.5	167.92	164.52	161.92	159.36	157.33	155.43	154.05	152.76	151.52	150.63	148.59
D-7	186.41	182.62	179.62	177.00	174.83	172.48	171.02	169.54	168.28	167.33	165.03
D-7.5	216.49	211.98	208.43	205.39	202.71	200.29	198.54	196.82	195.34	193.98	191.39
D-8	253.20	247.84	243.85	240.25	237.11	234.20	232.16	230.23	228.39	226.92	224.05
D-8.5	290.05	284.03	279.42	275.20	271.66	268.44	266.05	263.90	261.71	259.99	256.74
D-9	395.16	386.94	380.66	375.01	370.05	365.71	362.53	359.45	356.60	354.30	349.73
D-9.5	565.55	553.69	544.77	536.53	529.66	523.16	518.78	514.38	510.24	506.84	500.49
D-10	650.32	636.74	626.46	623.70	609.01	601.67	596.42	591.51	586.71	582.89	575.38

"D" CONSTRUCTION - SHAPE D

Class	4200	4400	4600	5000
D-6	132.56	131.51	130.57	129.28
D-6.5	147.23	146.05	145.07	143.56
D-7	163.58	161.68	160.02	158.40
D-7.5	189.71	188.16	186.87	185.00
D-8	222.05	220.28	218.73	216.56
D-8.5	246.71	244.73	242.99	240.57
D-9	346.58	343.76	341.39	337.95
D-9.5	494.54	490.65	487.24	482.43
D-10	570.22	565.65	561.71	555.98

**SINGLE-FAMILY RESIDENTIAL
POST-1990 MODERN TYPE
SQUARE FOOT AREA COST TABLES**

"D" CONSTRUCTION - SHAPE A

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
D-5	150.80	144.45	139.27	134.78	131.23	128.09	125.37	122.83	120.93	119.05	117.53
D-5.5	165.87	158.92	153.21	148.30	144.36	140.91	137.87	135.04	133.06	130.94	129.37
D-6	191.05	183.14	176.51	170.86	166.45	162.41	158.87	155.60	153.26	150.92	148.81
D-6.5	212.27	203.33	196.08	189.74	184.75	180.25	176.33	172.98	170.24	167.62	165.37
D-7	235.65	225.61	217.61	210.60	205.11	200.25	195.84	191.92	188.94	186.13	183.55
D-7.5	273.53	261.95	252.51	244.49	237.96	232.35	227.35	222.75	219.41	215.91	213.08
D-8	319.84	306.53	295.37	285.90	278.35	271.76	265.87	260.67	256.65	252.75	249.24
D-8.5	366.50	351.24	338.49	327.61	319.11	311.45	304.70	298.66	294.07	289.56	285.47
D-9	499.33	478.41	461.12	446.25	434.62	424.28	415.13	406.89	400.67	394.43	389.04
D-9.5	714.53	684.62	659.86	638.64	621.87	606.94	593.97	582.04	573.29	564.60	556.61
D-10	821.71	787.35	758.66	734.35	715.16	698.09	683.00	669.42	659.22	649.28	640.20

"D" CONSTRUCTION - SHAPE A

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
D-5	116.01	113.33	111.33	109.55	108.09	106.82	105.80	104.83	103.94	103.19	101.78
D-5.5	127.65	124.74	122.63	120.58	118.89	117.40	116.42	115.30	114.25	113.43	111.99
D-6	147.08	143.72	141.30	138.95	137.05	135.20	134.06	132.90	131.72	130.82	129.03
D-6.5	163.39	159.56	156.91	154.29	151.97	150.28	148.80	147.62	146.18	145.28	143.32
D-7	181.15	177.24	174.23	171.20	168.94	166.79	165.37	163.86	162.43	161.21	159.02
D-7.5	210.42	205.78	202.19	198.76	196.06	193.68	191.86	190.12	188.55	187.26	184.66
D-8	246.18	240.58	236.46	232.42	229.21	226.46	224.41	222.50	220.45	218.94	215.88
D-8.5	282.19	275.71	270.95	266.43	262.75	259.49	257.08	254.86	252.65	250.95	247.42
D-9	384.43	375.55	369.28	362.92	357.96	353.43	350.22	347.27	344.12	341.86	337.05
D-9.5	549.86	537.44	528.21	519.23	512.09	505.73	501.17	497.02	492.46	489.10	482.27
D-10	632.45	618.07	607.30	597.14	588.92	581.59	576.38	571.55	566.30	562.51	554.58

"D" CONSTRUCTION - SHAPE A

Class	4200	4400	4600	5000
D-6	127.12	126.88	125.96	124.74
D-6.5	142.03	140.89	139.92	138.52
D-7	157.56	156.30	155.24	153.69
D-7.5	183.01	181.53	180.27	178.45
D-8	215.91	214.19	212.68	210.55
D-8.5	245.18	243.20	241.54	239.09
D-9	334.00	331.33	329.00	325.72
D-9.5	477.90	474.08	470.75	466.06
D-10	549.60	545.21	541.38	535.95

**SINGLE-FAMILY RESIDENTIAL
POST-1990 MODERN TYPE
SQUARE FOOT AREA COST TABLES**

"D" CONSTRUCTION - SHAPE B

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
D-5	153.80	147.37	141.83	137.54	133.78	130.66	128.09	125.61	123.53	121.69	120.08
D-5.5	169.13	161.99	156.07	151.36	147.10	143.60	140.93	138.15	135.96	133.97	132.19
D-6	194.86	186.80	179.71	174.37	169.58	165.49	162.42	159.33	156.83	154.40	152.28
D-6.5	216.46	207.39	199.48	193.56	188.25	183.80	180.26	176.72	174.04	171.35	169.14
D-7	240.23	230.16	221.58	214.88	209.03	204.13	200.26	196.27	193.04	190.29	187.84
D-7.5	278.76	267.19	257.16	249.47	242.74	236.86	232.46	227.77	224.29	220.77	217.92
D-8	326.04	312.40	300.89	291.74	283.80	277.14	271.79	266.45	262.23	258.28	254.83
D-8.5	373.63	358.03	344.77	334.38	325.12	317.55	311.47	305.30	300.39	296.02	292.05
D-9	509.08	487.78	469.71	455.56	442.99	432.72	424.30	415.91	409.26	403.22	397.85
D-9.5	728.52	697.83	672.23	651.75	633.87	619.09	606.99	595.15	585.69	577.04	569.27
D-10	837.74	802.52	773.03	749.55	728.97	712.09	698.15	684.36	673.52	663.58	654.54

"D" CONSTRUCTION - SHAPE B

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
D-5	118.56	116.07	114.17	112.47	110.90	109.55	108.52	107.46	106.56	105.81	104.65
D-5.5	130.40	127.73	125.61	123.53	121.90	120.61	119.29	118.25	117.29	116.43	115.06
D-6	150.41	147.11	144.75	142.50	140.69	138.97	137.48	136.19	135.08	134.09	132.67
D-6.5	166.95	163.46	160.77	158.20	156.07	154.30	152.64	151.26	150.03	148.80	147.32
D-7	185.38	181.33	178.51	175.64	173.22	171.22	169.54	167.83	166.61	165.38	163.62
D-7.5	215.08	210.48	207.15	203.98	201.10	198.78	196.78	194.81	193.24	191.87	189.75
D-8	251.71	246.32	242.30	238.60	235.21	232.44	230.26	227.98	226.09	224.42	222.03
D-8.5	288.28	282.25	277.69	273.40	269.61	266.45	263.80	261.21	259.10	257.10	254.42
D-9	392.80	384.56	378.45	372.43	367.27	362.94	359.33	355.88	352.99	350.25	346.64
D-9.5	562.14	550.13	541.22	533.06	525.64	519.27	514.28	509.19	505.10	501.22	496.09
D-10	646.43	632.65	622.47	612.92	604.37	597.18	591.34	585.64	580.83	576.45	570.39

"D" CONSTRUCTION - SHAPE B

Class	4200	4400	4600	5000
D-6	131.50	130.43	129.53	128.25
D-6.5	145.99	144.83	143.81	142.38
D-7	162.11	160.84	159.72	158.12
D-7.5	188.03	186.52	185.20	183.40
D-8	220.05	218.31	216.77	214.60
D-8.5	252.50	249.37	247.45	245.74
D-9	343.53	340.79	338.41	335.00
D-9.5	491.60	489.89	486.47	481.59
D-10	565.29	560.73	558.99	553.40

**SINGLE-FAMILY RESIDENTIAL
POST-1990 MODERN TYPE
SQUARE FOOT AREA COST TABLES**

"D" CONSTRUCTION - SHAPE C

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
D-5	156.23	149.92	144.51	140.13	136.37	133.41	130.66	128.34	125.96	124.31	122.71
D-5.5	171.89	164.85	158.95	154.13	150.08	146.85	143.61	141.11	138.64	136.78	134.97
D-6	198.06	189.97	183.25	177.65	172.91	169.16	165.51	162.60	159.60	157.63	155.48
D-6.5	219.97	210.99	203.37	197.30	191.94	187.73	183.81	180.58	177.36	175.05	172.68
D-7	244.13	234.14	225.83	219.02	213.11	208.50	204.14	200.46	196.88	194.40	191.73
D-7.5	283.32	271.78	262.09	254.03	247.48	242.08	236.88	232.58	228.46	225.53	222.55
D-8	331.45	317.92	306.68	297.28	289.51	283.06	277.17	271.92	267.35	263.80	260.33
D-8.5	379.84	364.33	351.39	340.56	331.80	324.33	317.57	311.68	306.36	302.29	298.24
D-9	517.43	496.36	478.72	464.04	452.01	441.84	432.69	424.63	417.33	411.74	406.44
D-9.5	740.37	710.14	685.02	664.04	646.73	632.24	619.13	607.67	597.15	589.13	581.49
D-10	851.35	816.66	787.82	763.66	743.86	727.07	712.14	698.69	686.73	677.51	668.72

"D" CONSTRUCTION - SHAPE C

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
D-5	118.37	116.15	114.21	111.86	111.06	110.03	109.02	108.08	107.10	106.41	105.25
D-5.5	133.41	130.66	128.51	125.63	124.76	123.46	122.43	121.31	120.08	119.37	118.06
D-6	153.87	150.50	147.98	144.75	143.76	142.35	140.91	139.78	138.45	137.68	135.94
D-6.5	170.71	167.11	164.41	160.79	159.59	158.00	156.65	155.29	153.53	152.83	150.94
D-7	189.55	185.59	182.44	178.52	177.26	175.44	173.83	172.51	170.71	169.58	167.57
D-7.5	220.01	215.41	211.56	207.16	205.82	203.54	201.74	200.09	198.07	196.88	194.53
D-8	257.39	251.99	247.66	242.31	240.60	238.14	235.92	233.96	231.62	230.32	229.40
D-8.5	294.90	288.79	283.85	277.70	275.74	272.91	270.36	268.15	265.41	263.92	260.69
D-9	401.65	393.37	386.63	378.47	375.60	371.77	368.44	365.24	361.46	359.42	355.10
D-9.5	574.74	562.87	553.32	541.22	537.48	531.92	526.99	522.58	517.28	514.45	508.09
D-10	660.94	647.20	636.30	634.92	618.11	611.73	606.02	600.90	594.89	591.53	584.15

"D" CONSTRUCTION - SHAPE C

Class	4200	4400	4600	5000
D-6	134.69	133.61	132.67	131.40
D-6.5	148.74	147.51	146.46	145.01
D-7	166.02	164.71	163.53	161.93
D-7.5	192.71	191.22	189.88	187.96
D-8	227.36	225.59	224.04	221.79
D-8.5	258.35	256.27	254.50	251.93
D-9	351.89	349.06	346.64	343.13
D-9.5	503.48	499.46	495.98	491.03
D-10	578.90	574.24	570.24	564.53

**SINGLE-FAMILY RESIDENTIAL
POST-1990 MODERN TYPE
SQUARE FOOT AREA COST TABLES**

"D" CONSTRUCTION - SHAPE D

Class	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
D-5	158.81	152.33	147.41	142.86	139.35	136.11	133.47	131.21	128.94	127.10	125.63
D-5.5	174.56	167.62	162.04	157.11	153.31	149.77	146.89	144.31	141.88	139.90	138.16
D-6	201.28	193.06	186.85	181.04	176.67	172.66	169.23	166.32	163.63	161.17	159.34
D-6.5	223.45	214.51	207.45	201.06	196.18	191.68	187.85	184.72	181.63	179.15	176.73
D-7	248.10	238.20	230.34	223.17	217.68	212.75	208.51	205.11	201.56	198.80	196.28
D-7.5	287.91	276.26	267.23	258.99	252.78	246.83	242.11	237.88	233.89	230.67	227.79
D-8	336.70	323.35	312.49	302.92	295.58	288.82	283.14	278.31	273.72	269.81	266.47
D-8.5	385.89	370.59	358.11	347.20	338.76	330.94	324.40	318.86	313.60	309.06	305.34
D-9	525.62	504.75	487.81	472.88	461.52	450.85	442.01	434.51	427.23	421.23	415.93
D-9.5	752.12	722.45	698.09	676.60	660.31	645.07	632.36	621.74	611.27	602.54	595.19
D-10	864.92	830.77	802.72	778.19	759.35	741.75	727.23	714.91	702.94	693.07	684.36

"D" CONSTRUCTION - SHAPE D

Class	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	4000
D-5	124.05	121.59	119.63	117.72	116.28	114.83	113.82	112.94	112.01	111.31	109.85
D-5.5	136.41	133.80	131.52	129.55	127.81	126.28	125.11	124.21	123.22	122.44	120.82
D-6	157.38	154.13	151.44	149.28	147.38	145.59	144.21	143.17	141.94	141.17	139.13
D-6.5	174.67	171.12	168.42	165.76	163.65	161.66	160.24	158.90	157.63	156.68	154.55
D-7	193.91	189.94	186.85	184.10	181.86	179.40	177.88	176.36	175.05	174.06	171.66
D-7.5	225.19	220.48	216.78	213.64	210.86	208.33	206.52	204.72	203.18	201.77	199.09
D-8	263.38	257.79	253.65	249.92	246.62	243.60	241.47	239.48	237.57	236.03	233.06
D-8.5	301.68	295.45	290.62	286.25	282.55	279.23	276.73	274.50	272.23	270.43	267.03
D-9	411.01	402.47	395.93	390.07	384.95	380.40	377.06	373.89	370.89	368.53	363.77
D-9.5	588.22	575.87	566.60	558.03	550.85	544.15	539.57	535.01	530.71	527.16	520.54
D-10	676.39	662.24	651.56	648.69	633.41	625.79	620.32	615.20	610.23	606.24	598.45

"D" CONSTRUCTION - SHAPE D

Class	4200	4400	4600	5000
D-6	137.89	136.76	135.81	134.45
D-6.5	153.13	151.90	150.87	149.32
D-7	170.13	168.16	166.42	164.77
D-7.5	197.33	195.70	194.34	192.41
D-8	230.94	229.10	227.48	225.24
D-8.5	256.58	254.52	252.74	250.21
D-9	360.47	357.53	355.08	351.50
D-9.5	514.38	510.30	506.77	501.76
D-10	593.06	588.31	584.20	578.27

AH 531.22

MOUNTAIN RESIDENCES

All quality class building specifications, information, and photographs
are published in AH 531A, located on the [BOE website](#).

**MOUNTAIN RESIDENCES
CONVENTIONAL TYPE
SQUARE FOOT AREA COST TABLES**

"D" CONSTRUCTION - SHAPE A

Class	400	500	600	700	800	900	1000	1100	1200	1300	1400
D-4	309.64	277.87	256.89	240.08	227.68	218.04	209.59	203.37	197.22	192.72	188.29
D-4.5	335.80	301.31	278.36	260.27	246.83	236.21	227.22	220.26	214.10	208.66	204.05
D-5	364.01	326.41	301.91	282.14	267.65	256.04	246.24	238.76	231.98	226.41	221.14
D-5.5	394.67	353.86	327.13	306.02	290.15	277.70	266.93	259.02	251.23	245.38	239.87
D-6	427.70	383.60	354.68	331.45	314.56	300.84	289.29	280.76	272.51	266.13	259.91
D-6.5	468.02	419.85	387.84	362.75	344.06	329.26	316.84	307.21	298.29	291.05	284.37
D-7	512.14	459.32	424.59	397.07	376.52	360.18	346.45	336.14	326.27	318.38	311.14
D-7.5	576.68	517.34	478.08	447.16	423.80	405.67	390.07	378.62	367.28	358.49	350.33
D-8	664.63	596.07	550.90	515.28	488.63	467.53	449.76	436.08	423.49	413.38	403.66
D-8.5	757.22	678.95	627.80	587.06	556.81	532.73	512.49	496.66	482.53	471.00	460.12
D-9	861.19	772.30	714.18	667.63	633.56	606.00	583.08	564.77	549.10	535.59	523.27

"D" CONSTRUCTION - SHAPE A

Class	1500	1600	1700	1800	2000	2200	2400	2600	2800	3000	3200
D-4	185.21	181.73	179.00	176.39	171.77	167.56	164.82	161.68	160.05	157.38	155.64
D-4.5	200.66	197.07	194.02	191.37	186.34	181.64	178.88	175.29	173.45	170.58	168.34
D-5	217.54	213.62	210.28	207.34	201.84	196.97	194.00	190.17	188.07	184.88	183.04
D-5.5	235.76	231.41	228.20	224.59	218.66	213.31	210.18	206.09	203.94	200.41	198.46
D-6	255.61	251.01	246.94	243.65	237.24	231.18	227.74	223.48	221.08	217.27	215.04
D-6.5	279.60	274.57	270.37	266.53	259.48	253.10	249.15	244.57	241.71	237.68	235.38
D-7	306.20	300.34	295.81	291.65	284.17	277.00	272.88	267.36	264.46	260.23	257.31
D-7.5	342.95	336.80	331.55	326.79	318.33	310.40	305.55	299.81	296.43	291.56	288.53
D-8	395.53	388.14	382.16	376.68	367.08	357.72	352.33	345.58	341.61	336.08	332.56
D-8.5	448.86	442.08	435.42	429.17	418.13	407.80	401.27	393.65	389.32	382.93	378.97
D-9	513.10	502.73	495.34	488.19	475.55	464.11	456.39	447.87	442.68	435.37	431.19

"D" CONSTRUCTION - SHAPE B

Class	400	500	600	700	800	900	1000	1100	1200	1300	1400
D-4	315.34	283.51	261.76	245.26	233.01	223.00	214.50	208.21	202.31	197.48	193.18
D-4.5	341.68	307.41	283.71	265.89	252.55	241.60	232.44	225.81	219.40	214.12	209.52
D-5	370.30	333.16	307.55	288.13	273.64	261.89	251.92	244.67	237.70	232.17	226.96
D-5.5	401.51	361.12	333.40	312.51	296.91	283.92	273.11	265.27	257.76	251.60	246.08
D-6	435.16	391.57	361.67	338.71	321.55	307.74	296.03	287.18	279.41	272.78	266.78
D-6.5	476.30	428.40	395.65	370.55	351.90	336.94	324.06	314.35	305.56	298.34	291.96
D-7	521.18	468.86	432.73	405.55	385.00	368.47	354.41	344.14	334.62	326.40	319.39
D-7.5	586.84	527.80	487.27	456.51	433.58	414.93	399.22	387.59	376.54	367.54	359.44
D-8	676.13	608.34	561.52	525.98	499.79	478.25	460.02	446.78	434.12	423.70	414.55
D-8.5	770.51	693.15	639.71	599.25	569.39	544.91	524.11	509.05	494.67	482.91	472.32
D-9	876.27	785.62	727.27	681.60	647.49	619.62	596.13	578.89	562.82	549.53	537.59

**MOUNTAIN RESIDENCES
CONVENTIONAL TYPE
SQUARE FOOT AREA COST TABLES**

"D" CONSTRUCTION - SHAPE B

Class	1500	1600	1700	1800	2000	2200	2400	2600	2800	3000	3200
D-4	190.07	186.59	184.04	181.40	176.62	172.33	169.85	166.73	164.82	162.39	160.40
D-4.5	206.05	202.31	199.54	196.67	191.50	186.77	184.04	180.84	178.88	176.03	173.66
D-5	223.21	219.40	216.25	213.27	207.44	202.59	199.54	195.91	194.00	190.67	188.42
D-5.5	242.13	237.70	234.49	231.06	225.12	219.45	216.25	212.48	210.18	206.81	204.46
D-6	262.36	257.83	254.17	250.53	243.97	237.91	234.49	230.25	227.74	224.25	221.46
D-6.5	287.05	282.00	277.97	274.00	266.93	260.27	256.59	251.94	249.15	245.26	242.30
D-7	314.12	308.72	304.25	299.93	291.97	284.89	280.65	275.48	272.88	268.28	265.02
D-7.5	351.85	346.03	340.81	335.87	327.18	319.31	314.55	308.89	305.55	300.59	297.07
D-8	405.76	398.55	392.73	387.23	377.37	368.07	362.63	356.07	352.33	346.59	342.55
D-8.5	462.42	453.84	447.50	441.08	429.83	419.31	413.33	405.63	401.23	394.75	390.45
D-9	526.02	516.10	509.11	501.88	489.16	476.98	470.31	461.16	456.16	449.20	444.57

"D" CONSTRUCTION - SHAPE C

Class	400	500	600	700	800	900	1000	1100	1200	1300	1400
D-4	320.33	288.78	267.04	250.16	238.76	227.74	219.45	213.27	207.34	202.59	198.17
D-4.5	347.33	313.08	289.41	271.16	259.02	246.94	237.71	231.04	224.59	219.46	214.75
D-5	376.57	339.33	313.80	294.04	280.68	267.71	257.83	250.53	243.65	237.91	232.54
D-5.5	408.19	367.88	340.25	318.62	304.32	290.26	279.42	271.48	264.17	257.99	252.41
D-6	442.38	398.84	368.90	345.42	329.95	314.62	303.01	294.20	286.12	279.49	273.33
D-6.5	484.19	436.54	403.49	378.15	361.00	344.21	331.63	321.95	313.08	306.02	299.10
D-7	529.55	477.35	441.53	413.51	394.90	376.66	362.75	352.17	342.64	334.97	327.23
D-7.5	593.67	535.02	494.75	463.53	442.49	422.07	406.45	394.61	383.94	375.24	366.67
D-8	684.23	616.56	570.33	534.24	510.05	486.45	468.44	455.09	442.45	432.49	422.70
D-8.5	779.58	702.57	649.96	608.87	581.25	554.17	533.65	518.68	503.87	493.02	481.57
D-9	886.60	799.25	739.50	692.45	661.40	630.11	607.12	589.90	573.16	560.74	547.75

"D" CONSTRUCTION - SHAPE C

Class	1500	1600	1700	1800	2000	2200	2400	2600	2800	3000	3200
D-4	194.76	191.37	188.42	186.34	181.62	177.25	174.57	171.60	169.62	166.80	165.41
D-4.5	211.12	207.36	204.46	201.84	196.76	191.94	189.19	185.98	183.85	180.87	179.25
D-5	228.93	224.60	221.46	219.00	213.28	208.21	205.26	201.61	199.25	196.02	194.25
D-5.5	248.09	243.65	239.99	237.71	231.12	225.81	222.31	218.54	216.01	212.58	210.65
D-6	269.13	264.17	260.24	257.31	250.64	244.67	240.92	237.00	234.15	230.29	228.39
D-6.5	294.54	288.99	284.55	281.55	274.34	267.71	263.59	259.33	256.14	252.37	249.92
D-7	322.07	316.06	311.56	308.06	300.05	292.83	288.53	283.66	280.37	275.97	273.30
D-7.5	360.98	354.30	349.14	345.24	336.05	328.12	323.26	317.82	314.05	309.10	306.35
D-8	416.24	408.55	402.52	397.99	387.38	378.42	372.53	366.30	362.01	356.32	353.05
D-8.5	474.16	465.29	458.40	453.65	441.17	431.35	424.48	417.64	415.80	405.90	402.26
D-9	539.48	529.14	521.29	516.05	501.88	491.07	482.74	475.07	469.55	461.79	457.51

**MOUNTAIN RESIDENCES
CONVENTIONAL TYPE
SQUARE FOOT AREA COST TABLES**

"D" CONSTRUCTION - SHAPE D

Class	400	500	600	700	800	900	1000	1100	1200	1300	1400
D-4	326.10	294.04	272.35	255.41	242.94	233.01	224.47	218.30	212.48	207.44	203.14
D-4.5	353.41	318.62	295.13	276.86	263.37	252.55	243.54	236.41	230.20	225.08	220.01
D-5	383.20	345.42	319.98	300.10	285.57	273.64	263.82	256.47	249.50	243.75	238.60
D-5.5	415.27	374.59	346.86	325.38	309.45	296.91	285.96	277.87	270.44	264.35	258.63
D-6	449.92	405.90	375.96	352.79	335.42	321.55	310.23	301.31	293.22	286.53	280.42
D-6.5	492.53	444.39	411.43	385.99	366.97	351.90	339.33	329.45	320.82	313.73	306.68
D-7	538.92	486.05	450.12	422.24	401.65	385.00	371.06	360.67	351.05	342.86	335.57
D-7.5	603.86	544.51	504.46	473.17	450.02	431.53	415.90	404.05	393.24	384.29	376.23
D-8	696.09	627.69	581.26	545.40	518.82	497.41	479.58	465.85	453.53	443.19	433.65
D-8.5	792.91	715.14	662.29	621.32	591.28	566.67	546.49	530.79	516.87	504.97	494.13
D-9	901.80	813.35	753.16	706.68	672.83	644.41	621.68	603.76	588.13	574.86	562.09

"D" CONSTRUCTION - SHAPE D

Class	1500	1600	1700	1800	2000	2200	2400	2600	2800	3000	3200
D-4	200.22	196.67	193.34	191.16	186.46	181.81	179.52	176.50	174.78	170.74	170.07
D-4.5	217.03	213.27	209.77	207.31	202.18	197.21	194.68	191.48	189.22	185.21	184.14
D-5	235.11	231.04	227.40	224.47	219.32	213.86	211.00	207.36	205.27	200.66	199.80
D-5.5	254.99	250.53	246.52	243.54	237.68	231.83	228.59	225.08	222.38	217.54	216.72
D-6	276.31	271.48	267.17	263.89	257.53	251.23	247.96	243.67	241.10	235.76	234.91
D-6.5	302.41	297.12	292.24	288.89	281.92	275.14	271.24	266.55	263.82	258.12	256.97
D-7	330.99	324.97	319.98	315.94	308.30	301.06	296.86	291.80	288.78	282.19	281.02
D-7.5	370.73	364.05	358.52	354.06	345.48	337.13	332.66	327.16	323.42	316.38	315.12
D-8	427.47	419.80	413.33	407.91	398.43	388.52	383.48	376.77	372.66	364.66	363.08
D-8.5	487.38	478.36	470.86	464.56	454.07	442.75	437.09	429.19	424.72	415.49	413.50
D-9	554.30	544.17	535.54	528.31	516.48	503.80	497.15	487.94	482.83	472.47	469.90

MOUNTAIN RESIDENCES
A-FRAME TYPE
SQUARE FOOT AREA COST TABLES

"D" CONSTRUCTION - SHAPE A

Class	400	500	600	700	800	900	1000	1100	1200	1300	1400
D-4	222.87	201.25	186.44	174.80	166.40	159.73	153.79	149.55	145.48	142.07	139.24
D-4.5	244.39	220.46	204.27	191.70	182.47	175.02	168.62	163.72	159.29	155.79	152.55
D-5	267.61	241.66	223.82	210.20	199.85	191.76	184.83	179.45	174.71	170.70	167.09
D-5.5	293.46	264.87	245.41	230.21	219.05	210.28	202.50	196.74	191.52	187.07	183.19
D-6	321.76	290.31	268.94	252.24	240.21	230.48	221.73	215.59	209.80	205.01	200.67
D-6.5	355.92	321.18	297.57	279.15	265.66	254.95	245.42	238.45	232.16	226.83	222.18
D-7	393.76	355.22	329.10	308.79	293.92	282.04	271.57	263.89	256.76	250.83	245.69
D-7.5	424.97	383.54	355.36	333.36	317.25	304.54	293.21	284.86	277.18	270.83	265.30
D-8	490.62	442.70	410.15	384.77	366.27	351.41	338.38	328.68	320.01	312.48	306.22

"D" CONSTRUCTION - SHAPE A

Class	1500	1600	1700	1800	2000	2200	2400	2600	2800	3000	3200
D-4	136.68	134.45	132.59	130.80	127.45	124.74	122.61	120.79	118.91	117.54	116.29
D-4.5	149.85	147.24	145.35	143.45	139.61	136.68	134.49	132.51	130.47	128.82	127.60
D-5	164.27	161.36	159.27	157.19	153.09	149.85	147.27	145.17	142.85	141.31	139.66
D-5.5	180.04	176.87	174.69	172.27	167.84	164.27	161.57	159.12	156.61	154.75	153.13
D-6	197.24	193.79	191.35	188.68	183.98	180.04	176.95	174.36	171.62	169.66	167.92
D-6.5	218.23	214.50	211.79	208.80	203.34	199.14	195.84	192.83	190.00	187.62	185.77
D-7	241.41	237.39	234.22	231.13	225.12	220.35	216.63	213.26	210.20	207.65	205.47
D-7.5	260.74	256.04	252.76	249.21	242.90	237.82	233.87	230.31	226.73	224.13	221.80
D-8	300.80	295.47	291.76	287.74	280.34	274.52	269.81	265.78	261.60	258.64	256.04

"D" CONSTRUCTION - SHAPE B

Class	400	500	600	700	800	900	1000	1100	1200	1300	1400
D-4	226.33	204.68	189.88	178.35	169.83	163.16	157.33	152.83	149.06	145.49	142.46
D-4.5	248.16	224.38	208.12	195.47	186.05	178.74	172.32	167.67	163.28	159.49	156.24
D-5	271.89	245.99	228.02	214.18	203.96	195.95	189.04	183.50	179.09	174.78	171.16
D-5.5	298.07	269.43	249.93	234.73	223.59	214.78	207.19	201.25	196.12	191.59	187.58
D-6	326.66	295.33	273.88	257.26	245.04	235.20	227.00	220.54	215.00	209.97	205.59
D-6.5	361.49	326.72	303.12	284.65	271.04	260.35	251.12	244.06	237.90	232.21	227.57
D-7	399.86	361.41	335.15	314.82	299.81	288.02	277.90	270.04	263.25	256.94	251.64
D-7.5	431.71	390.28	361.89	340.01	323.65	310.90	299.94	291.36	284.11	277.45	271.74
D-8	498.16	450.35	417.64	392.25	373.59	358.78	346.14	336.34	327.97	320.16	313.48

"D" CONSTRUCTION - SHAPE B

Class	1500	1600	1700	1800	2000	2200	2400	2600	2800	3000	3200
D-4	140.16	137.75	135.98	134.02	130.94	128.19	126.01	124.21	122.54	120.78	119.66
D-4.5	153.67	150.80	149.06	147.02	143.52	140.49	138.18	136.09	134.43	132.48	131.36
D-5	168.36	165.36	163.28	161.05	157.33	153.97	151.45	149.13	147.22	145.16	143.85
D-5.5	184.60	181.28	178.99	176.45	172.48	168.64	165.90	163.53	161.35	159.10	157.52
D-6	202.26	198.65	196.12	193.47	189.04	185.03	181.75	179.19	176.86	174.35	172.73
D-6.5	223.74	219.74	217.06	213.98	209.11	204.67	201.15	198.23	195.64	192.79	191.06
D-7	247.49	243.12	240.13	236.74	231.22	226.30	222.48	219.37	216.38	213.21	211.29
D-7.5	267.33	262.39	259.14	255.59	249.67	244.30	240.17	236.64	233.61	230.31	228.20
D-8	308.46	302.98	299.19	294.98	288.17	281.94	277.22	273.20	269.57	265.78	263.36

**MOUNTAIN RESIDENCES
A-FRAME TYPE
SQUARE FOOT AREA COST TABLES**

"D" CONSTRUCTION - SHAPE C

Class	400	500	600	700	800	900	1000	1100	1200	1300	1400
D-4	229.65	208.09	193.25	181.75	173.20	166.40	160.67	155.99	150.69	148.67	145.77
D-4.5	251.75	227.85	211.79	199.28	189.88	182.47	176.08	171.06	165.14	162.90	159.74
D-5	275.95	249.88	232.07	218.17	208.12	199.85	192.93	187.41	181.14	178.67	175.11
D-5.5	302.31	273.78	254.32	239.28	228.02	219.05	211.63	205.36	198.54	195.79	191.96
D-6	331.29	300.22	278.67	262.26	250.03	240.21	231.78	225.10	217.57	214.47	210.30
D-6.5	366.70	331.94	308.31	290.05	276.47	265.66	256.50	248.99	240.67	237.44	232.67
D-7	405.52	367.32	341.12	320.97	305.94	293.92	283.69	275.41	266.22	262.63	257.55
D-7.5	437.93	396.44	368.37	346.45	330.19	317.26	306.25	297.40	287.34	283.55	277.88
D-8	505.41	457.67	424.96	399.92	381.15	366.28	353.52	343.31	331.73	327.26	320.77

"D" CONSTRUCTION - SHAPE C

Class	1500	1600	1700	1800	2000	2200	2400	2600	2800	3000	3200
D-4	143.47	140.47	139.24	137.26	134.33	131.44	129.28	127.59	125.70	124.21	122.88
D-4.5	157.26	153.80	152.55	150.46	147.18	143.98	141.63	139.63	137.81	136.09	134.65
D-5	172.26	168.62	167.09	165.00	161.17	157.63	155.33	153.12	151.13	149.13	147.53
D-5.5	188.98	184.92	183.11	180.76	176.79	173.01	170.23	167.90	165.39	163.53	161.71
D-6	206.97	202.50	200.67	198.00	193.68	189.38	186.59	184.00	181.36	179.19	177.32
D-6.5	228.98	224.17	222.18	218.99	214.34	209.53	206.47	203.56	200.60	198.23	196.12
D-7	253.35	247.87	245.69	242.42	237.00	232.05	228.42	225.24	221.86	219.37	217.06
D-7.5	273.59	267.52	265.30	261.60	255.90	250.37	246.59	243.20	239.65	236.64	234.20
D-8	315.72	308.90	306.21	302.02	295.42	288.90	284.52	280.59	276.54	273.20	270.33

"D" CONSTRUCTION - SHAPE D

Class	400	500	600	700	800	900	1000	1100	1200	1300	1400
D-4	233.06	211.24	196.48	184.99	176.33	169.61	163.74	159.27	155.49	151.92	149.57
D-4.5	255.32	231.58	215.26	202.64	193.35	185.85	179.53	174.65	170.29	166.66	163.67
D-5	279.92	253.78	235.80	222.06	211.83	203.71	196.74	191.50	186.85	182.45	179.72
D-5.5	306.64	278.07	258.69	243.28	232.18	223.30	215.69	209.64	204.64	200.12	196.89
D-6	336.20	304.79	283.33	266.78	254.52	244.61	236.35	229.87	224.31	219.26	215.69
D-6.5	371.99	337.24	313.56	295.20	281.61	270.79	261.47	254.40	248.28	242.54	238.76
D-7	411.32	373.09	346.87	326.56	311.37	299.52	289.26	281.44	274.52	268.30	264.01
D-7.5	444.28	402.93	374.56	352.61	336.17	323.28	312.37	303.88	296.40	289.76	285.10
D-8	512.73	464.97	432.10	406.75	388.19	373.13	360.53	350.63	342.12	334.38	329.03

"D" CONSTRUCTION - SHAPE D

Class	1500	1600	1700	1800	2000	2200	2400	2600	2800	3000	3200
D-4	146.43	144.41	142.42	140.48	137.54	134.62	132.53	130.74	128.91	127.58	126.23
D-4.5	160.37	158.15	156.00	153.96	150.62	147.52	145.29	143.34	141.32	139.61	138.30
D-5	175.74	173.20	171.12	168.62	165.06	161.68	159.17	157.05	154.83	153.11	151.56
D-5.5	192.59	189.98	187.55	185.02	180.93	177.29	174.44	172.08	169.82	167.88	166.05
D-6	211.08	208.13	205.54	202.66	198.25	194.38	191.09	188.58	186.08	183.99	181.97
D-6.5	233.66	230.36	227.29	224.26	219.52	214.98	211.65	208.55	205.95	203.53	201.38
D-7	258.32	254.85	251.45	248.11	242.67	237.82	233.92	230.76	227.73	225.21	222.76
D-7.5	278.97	275.10	271.47	267.75	262.02	256.65	252.64	249.15	245.91	243.22	240.57
D-8	321.93	317.59	313.37	309.10	302.48	296.34	291.58	287.65	283.76	280.59	277.48

MOUNTAIN RESIDENCES

ADDITIVE COSTS

Costs of additive items such as fireplaces, porches, and others, will be quite different in the mountain areas of the state than they are in the Sacramento base area. Therefore, a set of additive costs that are *specific* to mountain residences are included in AH 531.22. However, if costs are needed for additives not found in this section of AH 531.22, use the costs in the *Building Additives* chapter (AH 531.40) and make appropriate adjustments. Since the additive costs in AH 531.40 were developed for the Sacramento area base, up to three location adjustments may be necessary for mountain residences:

1. The Sacramento base additive costs (AH 531.40) must be multiplied by a factor of 1.30 to adjust those costs to the Lake Tahoe Basin area.
2. If necessary, an adjustment for location within the mountain areas should be made using the instructions from the *Location Adjustments* section of AH 531.
3. If necessary, an adjustment may also be needed for any local cost differences present in the county (for example, high permit fees).

MOUNTAIN RESIDENCES

WOOD DECKS AND PORCHES

<u>2" wood deck with steps and railings</u>	<u>Cost Per Square Foot</u>		
1 to 3 feet above ground	\$38.72	-	\$53.47
4 to 6 feet above ground	\$44.96	-	\$58.08
6 to 9 feet above ground	\$46.22	-	\$61.18
9 to 12 feet above ground	\$48.71	-	\$63.70
12 to 15 feet above ground	\$51.22	-	\$66.19
15 to 18 feet above ground	\$52.45	-	\$69.93

FIREPLACES

<u>Type</u>	<u>Unit Cost</u>		
Metal hood with concrete slab	\$4,123	-	\$5,092
Simple concrete block	\$7,274	-	\$12,123
Simple block with stone facing	\$9,699	-	\$14,548
Simple natural stone	\$16,972	-	\$24,247
Brick	\$12,123	-	up
Wood stove	\$4,494	-	\$10,489
Zero clearance	\$5,992	-	\$8,989

FLATWORK

<u>Type</u>	<u>Cost Per Square Foot</u>		
Asphalt paving	\$7.59	-	\$10.15
4" concrete	\$6.77	-	\$8.49
6" concrete	\$8.49	-	\$13.55

GARAGES AND CARPORTS

<u>Type</u>	<u>Cost Per Square Foot</u>		
Average carport, no slab	\$44.09	-	\$53.91
Average single garage with slab	\$93.12	-	\$110.25
Average double garage with slab	\$83.29	-	\$100.45

HEATING

<u>Type</u>	<u>Unit Cost</u>		
Wall heaters			
35,000 BTU	\$2,279		
65,000 BTU	\$2,886		
Central heating, perimeter ducts (per square foot)	\$13		
Baseboard hot water (per square foot)	\$9		
Geothermal heat pumps	\$17,265	-	\$20,356

MOUNTAIN RESIDENCES

HALF-STORY FRACTIONS

<u>Conventional Mountain Residences</u> Use suggested fractions as discussed in <i>Building Additives</i> chapter, AH 531.40, page 2	<u>Cost Per Square Foot</u>
<u>A-Frame Mountain Residences</u> Type I: Simple platform construction; low-cost floor cover; minimum partitions; and minimum lighting	\$138.27 to \$153.99
Type II: Average quality construction; average quality carpet; average amount of partitions finished with drywall or plywood veneer; average lighting	\$148.81 to \$164.26
Type III: Good quality construction; good carpet; decorative rustic partitions and ceiling beams; good lighting	\$191.70 to \$214.78

EXTRA PLUMBING

<u>Type</u>	<u>Cost</u>
Sink	\$2,687 to \$4,010
Toilet	\$3,282 to \$4,815
Tub	\$3,468 to \$4,557
Stall Shower	\$2,550 to \$3,644

SLOPE ADJUSTMENTS

Mountain cabins built on sloping lots will cost more than if they are built on level lots. If the land is a sloping lot, this extra cost should be included in the cost estimate of the building.

The cost of the walls of a building that are not a part of the area that square-foot costs are applied to are estimated using in-place costs. This estimate includes the in-place cost of all materials above a normal foundation (12" to 18" above ground) and the bottom of the next floor structure where square-foot costs have been applied.

The excessive cost of hillside construction called crippling should be included by adding an additional cost for the extra walls, structural members, and high foundation. This extra cost can be estimated by adding the following cost to the highest wall on the steepest side of the house.

<u>Wall Height</u>	<u>Cost Per Linear Foot</u>
4'	\$118.32
6'	\$217.31
8'	\$335.63
10'	\$434.21

MOUNTAIN RESIDENCES

LOCATION ADJUSTMENTS

The building costs in the *Mountain Residences* chapter in AH 531 have been developed using the Lake Tahoe Basin area of California as the base area (with a factor of 1.00).

The map, on page 7 of AH 531.10, shows mountain residence locations in California and suggested factors that are intended to provide an appropriate adjustment for the variance in costs due to differences in location compared to the base. ***These factors, however, are not intended to adjust for the significant variation in permit costs and other fees charged by different jurisdictions within a region. Due to the wide variance in these costs, both within and among the counties, it is necessary for the appraiser to research and analyze permit costs and fees of jurisdictions in the region and to make appropriate adjustments where necessary. AH 531 should serve as a guide, but an appraiser must also research the market to determine which costs are most applicable for the appraisal assignment. It may be necessary to supplement the data provided in AH 531 with local cost data.***

An additional adjustment for time should be considered if costs in the county have changed since the January publication date of the costs in AH 531.

The appropriate mountain residence location adjustment should be applied to the *Square Foot Area Cost Tables* and *Costs of Additives* sections found in this chapter.

NOTE: When developing costs for mountain residences by using data from other AH 531 chapters that have the Sacramento area base (*Building Additives, Residential Garages, Yard Improvements, In-Place Costs, and Compact Costs*), ***it is necessary to first make an upward adjustment using a 1.30 factor*** to bring the costs up to the mountain residences base. Then, the appropriate mountain residence location adjustment factor should be applied.

Finally, all costs in AH 531, except for manufactured housing, should be adjusted to account for any extraordinary permit or other cost differences that exist in the county.

AH 531.30

MULTIPLE-FAMILY RESIDENCES

All quality class building specifications, information, and photographs are published in AH 531A, located on the [BOE website](#).

**MULTIPLE-FAMILY RESIDENCES
SQUARE FOOT AVERAGE UNIT AREA COST TABLES**

"C" CONSTRUCTION - 2 or 3 UNITS

Class	400	450	500	550	600	650	700	750	800	900	1000
C-4	153.93	146.96	143.11	140.22	137.65	135.41	133.58	131.76	130.39	128.15	126.19
C-4.5	166.52	159.14	155.03	151.86	149.15	146.75	144.78	142.69	141.24	138.71	136.73
C-5	180.48	172.39	167.87	164.46	161.50	158.99	156.70	154.64	153.03	150.33	148.06
C-5.5	195.44	186.77	181.86	178.01	174.77	172.16	169.75	167.35	165.72	162.71	160.28
C-6	211.66	202.22	197.07	192.75	189.37	186.33	183.93	181.28	179.49	176.28	173.54
C-6.5	231.50	221.03	215.36	210.83	207.11	203.71	200.93	198.08	196.27	192.72	189.81
C-7	251.57	241.66	235.41	230.47	226.34	222.83	219.75	216.60	214.42	210.57	207.32
C-7.5	289.06	276.05	268.99	263.36	258.49	254.56	251.04	247.65	245.06	240.59	237.15
C-8	329.58	314.89	306.74	300.42	294.90	290.16	286.21	282.38	279.46	274.38	270.30
C-8.5	375.36	358.45	349.21	341.96	335.62	330.44	326.06	321.26	318.02	312.57	307.86

"C" CONSTRUCTION - 2 or 3 UNITS

Class	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2200
C-4	124.72	123.50	122.23	121.46	120.59	119.67	119.17	118.70	118.16	117.84	117.28
C-4.5	135.07	133.77	132.48	131.53	130.64	129.56	129.03	128.54	128.13	127.60	127.13
C-5	146.28	144.84	143.41	142.43	141.53	140.44	139.68	139.11	138.68	138.19	137.65
C-5.5	158.37	156.81	155.45	154.28	153.26	151.97	151.27	150.83	150.21	149.52	149.22
C-6	171.49	169.76	168.29	167.06	165.96	164.56	163.88	163.35	162.67	162.11	161.58
C-6.5	187.57	185.68	183.93	182.69	181.34	180.06	179.23	178.45	177.86	176.97	176.57
C-7	205.02	202.92	200.98	199.54	198.44	196.65	195.76	195.17	194.36	193.68	192.82
C-7.5	234.20	231.87	229.79	228.16	226.61	224.72	223.81	222.93	222.07	221.32	220.48
C-8	267.05	264.52	262.06	260.11	258.37	256.30	255.15	254.29	253.32	252.56	251.42
C-8.5	304.06	301.17	298.28	296.24	294.25	291.90	290.52	289.36	288.32	287.27	286.21

All multiple-family residence costs assume one bath per unit. Use the following table for adding the cost of extra baths.

2 or 3 UNITS

Class	Cost Per Extra Bath		
	2-Fixture Bath	3-Fixture Bath	4-Fixture Bath
C-4	\$5,251	\$7,732	\$10,937
C-5	\$6,414	\$10,064	\$12,398
C-6	\$7,439	\$11,230	\$15,607
C-7	\$8,171	\$13,532	\$17,503
C-8	\$10,937	\$15,899	\$20,126

**MULTIPLE-FAMILY RESIDENCES
SQUARE FOOT AVERAGE UNIT AREA COST TABLES**

"C" CONSTRUCTION - 4 to 9 UNITS

Class	400	450	500	550	600	650	700	750	800	900	1000
C-4	145.00	138.70	135.12	132.33	129.67	127.61	125.93	124.34	123.15	120.98	118.93
C-4.5	157.08	150.21	146.37	143.26	140.49	138.30	136.27	134.77	133.42	131.09	128.93
C-5	170.01	162.67	158.37	155.23	152.30	149.81	147.53	145.88	144.50	141.92	139.66
C-5.5	184.15	176.25	171.49	167.93	164.70	162.16	159.83	158.07	156.44	153.55	151.23
C-6	199.49	190.88	185.81	182.05	178.43	175.73	173.14	171.28	169.48	166.41	163.70
C-6.5	218.11	208.75	203.06	199.00	195.18	191.93	189.19	187.18	185.22	181.96	179.07
C-7	238.37	228.07	222.13	217.44	213.28	209.96	206.88	204.52	202.68	198.95	195.58
C-7.5	272.48	260.56	253.74	248.45	243.62	239.80	236.42	233.72	231.39	227.24	223.55
C-8	310.68	297.19	289.33	283.36	277.93	273.57	269.60	266.59	263.89	259.13	254.84
C-8.5	353.71	338.40	329.53	322.63	316.45	311.34	307.01	303.45	300.53	294.92	290.39

"C" CONSTRUCTION - 4 to 9 UNITS

Class	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2200
C-4	117.52	116.33	115.51	114.55	113.82	113.01	112.35	112.15	111.52	111.06	110.74
C-4.5	127.30	126.01	124.89	123.94	123.26	122.23	121.64	121.44	120.85	120.26	119.98
C-5	137.81	136.51	135.36	134.31	133.47	132.48	131.86	131.51	130.77	130.21	130.11
C-5.5	149.33	147.96	146.62	145.61	144.68	143.62	142.66	142.45	141.69	140.83	140.72
C-6	161.61	159.93	158.80	157.45	156.55	155.39	154.58	154.22	153.45	152.57	152.36
C-6.5	176.75	174.98	173.48	172.18	171.17	169.85	168.93	168.60	167.70	166.90	166.73
C-7	193.06	191.17	189.72	188.20	187.17	185.77	184.65	184.37	183.41	182.50	182.17
C-7.5	220.67	218.63	216.72	215.20	213.79	212.22	211.00	210.71	209.34	208.46	208.14
C-8	251.78	249.24	247.21	245.29	243.82	242.00	240.69	240.26	238.76	237.84	237.25
C-8.5	286.55	283.73	281.49	279.19	277.62	275.59	274.15	273.41	271.92	270.66	270.18

All multiple-family residence costs assume one bath per unit. Use the following table for adding the cost of extra baths.

4 to 9 UNITS

Class	Cost Per Extra Bath		
	2-Fixture Bath	3-Fixture Bath	4-Fixture Bath
C-4	\$4,456	\$6,607	\$8,812
C-5	\$5,404	\$8,399	\$10,602
C-6	\$6,480	\$10,326	\$12,806
C-7	\$7,160	\$11,703	\$15,419
C-8	\$9,318	\$13,215	\$18,311

**MULTIPLE-FAMILY RESIDENCES
SQUARE FOOT AVERAGE UNIT AREA COST TABLES**

"C" CONSTRUCTION - 10 or MORE UNITS

Class	400	450	500	550	600	650	700	750	800	900	1000
C-4	136.96	131.09	127.61	124.91	122.73	120.71	118.92	117.56	116.23	114.29	112.40
C-4.5	148.50	141.90	138.29	135.20	132.85	130.64	128.91	127.31	125.95	123.81	121.85
C-5	160.84	153.55	149.80	146.58	143.81	141.55	139.65	137.82	136.31	134.13	131.93
C-5.5	174.13	166.41	162.15	158.80	155.75	153.27	151.22	149.34	147.71	145.15	142.97
C-6	188.51	180.32	175.71	171.99	168.74	166.02	163.69	161.61	159.91	157.27	154.73
C-6.5	206.04	197.14	191.92	187.92	184.40	181.49	179.06	176.76	174.88	172.01	169.19
C-7	225.31	215.39	209.95	205.35	201.66	198.51	195.57	193.06	191.17	187.95	184.83
C-7.5	257.48	246.14	239.79	234.58	230.42	226.68	223.53	220.69	218.53	214.67	211.41
C-8	293.65	280.87	273.55	267.61	262.81	258.59	254.83	251.80	249.17	245.01	240.87
C-8.5	334.37	319.58	311.32	304.76	299.09	294.43	290.38	286.56	283.71	278.81	274.26

"C" CONSTRUCTION - 10 or MORE UNITS

Class	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2200
C-4	111.12	110.02	108.94	108.15	107.39	106.79	106.30	105.74	105.42	105.01	104.62
C-4.5	120.35	119.14	118.06	117.16	116.23	115.63	115.02	114.58	114.14	113.78	113.18
C-5	130.28	129.01	127.99	126.76	125.97	125.25	124.65	124.11	123.64	123.09	122.82
C-5.5	141.13	139.67	138.44	137.25	136.31	135.63	134.98	134.34	133.85	133.39	132.88
C-6	152.90	151.25	150.06	148.74	147.71	146.76	146.05	145.73	145.00	144.44	143.83
C-6.5	166.98	165.39	163.98	162.58	161.45	160.51	159.61	159.07	158.54	157.76	157.26
C-7	182.69	180.86	179.21	177.77	176.40	175.40	174.59	174.00	173.71	172.62	172.03
C-7.5	208.69	206.71	204.88	203.19	201.55	200.49	199.53	198.88	198.02	197.13	196.63
C-8	237.95	235.63	233.52	231.67	229.93	228.60	227.49	226.77	225.89	224.88	224.09
C-8.5	270.75	268.25	265.93	263.78	261.88	260.28	258.96	258.06	256.96	256.04	255.18

All multiple-family residence costs assume one bath per unit. Use the following table for adding the cost of extra baths.

10 or MORE UNITS

Class	Cost Per Extra Bath		
	2-Fixture Bath	3-Fixture Bath	4-Fixture Bath
C-4	\$3,918	\$6,075	\$7,297
C-5	\$4,728	\$7,160	\$10,326
C-6	\$6,075	\$9,318	\$11,703
C-7	\$7,160	\$10,802	\$14,729
C-8	\$8,237	\$12,964	\$16,795

**MULTIPLE-FAMILY RESIDENCES
SQUARE FOOT AVERAGE UNIT AREA COST TABLES**

"D" CONSTRUCTION - 2 or 3 UNITS

Class	400	450	500	550	600	650	700	750	800	900	1000
D-4	147.80	141.38	137.82	134.70	132.34	130.13	128.35	126.74	125.53	123.10	121.25
D-4.5	160.15	153.00	149.18	145.83	143.13	140.87	139.11	137.10	135.95	133.42	131.27
D-5	173.42	165.69	161.59	157.89	155.10	152.59	150.50	148.48	147.22	144.62	142.21
D-5.5	187.76	179.43	175.05	171.00	167.94	165.36	163.22	160.84	159.43	156.55	154.07
D-6	203.36	194.27	189.45	185.28	181.96	179.01	176.51	174.32	172.60	169.50	166.83
D-6.5	222.21	212.38	207.22	202.38	198.79	195.69	193.11	190.50	188.66	185.39	182.41
D-7	242.95	232.36	226.47	221.43	217.40	213.80	211.15	208.18	206.25	202.57	199.35
D-7.5	277.64	265.43	258.78	252.85	248.41	244.39	241.24	237.93	235.65	231.41	227.80
D-8	316.61	302.63	295.13	288.41	283.16	278.71	275.19	271.13	268.81	263.99	259.84
D-8.5	360.35	344.61	336.00	328.33	322.52	317.20	313.20	308.62	305.94	300.67	295.75

"D" CONSTRUCTION - 2 or 3 UNITS

Class	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2200
D-4	119.78	118.66	117.56	116.72	115.90	115.14	114.63	114.07	113.71	113.21	112.95
D-4.5	129.83	128.48	127.44	126.29	125.61	124.77	124.14	123.72	123.07	122.71	122.32
D-5	140.65	139.14	137.84	136.81	135.97	135.17	134.43	133.83	133.30	132.89	132.46
D-5.5	152.30	150.57	149.29	148.13	147.29	146.34	145.73	144.94	144.32	143.97	143.48
D-6	164.89	163.23	161.76	160.40	159.45	158.48	157.70	157.21	156.31	155.86	155.33
D-6.5	180.32	178.20	176.95	175.46	174.36	173.27	172.41	171.80	170.91	170.41	169.83
D-7	196.98	195.01	193.26	191.82	190.64	189.44	188.50	187.63	186.87	186.15	185.69
D-7.5	225.14	222.84	220.80	219.14	217.87	216.48	215.33	214.46	213.51	212.94	212.25
D-8	256.66	254.31	251.74	249.95	248.27	246.84	245.56	244.67	243.51	242.58	241.98
D-8.5	292.45	289.29	286.67	284.57	282.72	281.07	279.64	278.39	277.13	276.24	275.34

All multiple-family residence costs assume one bath per unit. Use the following table for adding the cost of extra baths.

2 or 3 UNITS

Class	Cost Per Extra Bath		
	2-Fixture Bath	3-Fixture Bath	4-Fixture Bath
D-4	\$5,013	\$7,183	\$10,159
D-5	\$6,095	\$9,346	\$11,514
D-6	\$7,183	\$10,430	\$14,494
D-7	\$7,995	\$12,599	\$16,255
D-8	\$10,159	\$15,170	\$18,692

**MULTIPLE-FAMILY RESIDENCES
SQUARE FOOT AVERAGE UNIT AREA COST TABLES**

"D" CONSTRUCTION - 4 to 9 UNITS

Class	400	450	500	550	600	650	700	750	800	900	1000
D-4	139.22	133.01	129.58	126.90	124.50	122.51	121.17	119.37	118.14	115.94	114.07
D-4.5	150.71	144.09	140.50	137.39	134.81	132.65	131.13	129.22	128.06	125.63	123.68
D-5	163.25	155.94	152.17	148.80	146.00	143.68	141.81	139.99	138.75	136.07	133.80
D-5.5	176.94	168.96	164.57	161.06	158.20	155.67	153.67	151.39	150.28	147.38	144.93
D-6	191.50	183.10	178.28	174.47	171.11	168.49	166.53	163.99	162.72	159.46	157.18
D-6.5	209.32	200.05	195.00	190.80	187.21	184.24	182.03	179.40	177.88	174.36	171.78
D-7	228.81	218.78	213.11	208.57	204.70	201.44	198.94	196.05	194.28	190.67	187.62
D-7.5	261.39	249.91	243.46	238.43	233.81	230.16	227.43	224.16	222.21	218.01	214.45
D-8	298.28	285.00	277.68	271.81	266.81	262.49	259.30	255.72	253.37	248.62	244.65
D-8.5	339.37	324.35	316.11	309.41	303.55	298.78	295.17	291.06	288.38	282.82	278.36

"D" CONSTRUCTION - 4 to 9 UNITS

Class	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2200
D-4	113.01	111.84	110.78	109.79	109.16	108.50	107.95	107.54	107.01	106.48	106.32
D-4.5	122.33	121.14	119.98	118.91	118.13	117.50	116.85	116.41	115.79	115.37	115.06
D-5	132.46	131.12	129.89	128.87	128.05	127.22	126.74	126.12	125.52	124.98	124.67
D-5.5	143.58	141.80	140.66	139.47	138.62	137.82	137.10	136.58	135.93	135.30	135.05
D-6	155.47	153.65	152.32	151.23	150.27	149.20	148.45	147.79	147.07	146.73	146.18
D-6.5	169.92	168.08	166.52	165.14	164.27	163.25	162.35	161.63	160.75	160.20	159.86
D-7	185.75	183.79	182.13	180.58	179.43	178.33	177.49	176.61	175.81	175.20	174.77
D-7.5	212.22	209.92	208.15	206.40	205.04	203.70	202.77	201.86	200.89	200.24	199.67
D-8	241.98	239.51	237.28	235.35	233.97	232.39	231.23	230.20	229.08	228.35	227.79
D-8.5	275.56	272.57	270.11	267.95	266.30	264.46	263.15	262.10	260.79	259.85	259.28

All multiple-family residence costs assume one bath per unit. Use the following table for adding the cost of extra baths.

4 to 9 UNITS

Class	Cost Per Extra Bath		
	2-Fixture Bath	3-Fixture Bath	4-Fixture Bath
D-4	\$4,335	\$6,499	\$8,667
D-5	\$5,418	\$7,183	\$10,430
D-6	\$6,499	\$10,156	\$12,596
D-7	\$7,588	\$11,512	\$15,170
D-8	\$9,076	\$13,003	\$18,018

**MULTIPLE-FAMILY RESIDENCES
SQUARE FOOT AVERAGE UNIT AREA COST TABLES**

"D" CONSTRUCTION - 10 or MORE UNITS

Class	400	450	500	550	600	650	700	750	800	900	1000
D-4	131.57	125.17	122.52	120.02	117.56	115.79	114.07	112.76	111.55	109.64	108.00
D-4.5	142.52	135.63	132.65	129.92	127.44	125.38	123.68	122.03	120.84	118.69	116.99
D-5	154.24	146.83	143.68	140.68	137.84	135.88	133.83	132.35	131.03	128.49	126.83
D-5.5	167.09	159.07	155.71	152.33	149.29	146.94	144.94	143.14	141.75	139.28	137.24
D-6	180.93	172.02	168.50	165.01	161.73	159.20	157.18	155.13	153.46	150.71	148.57
D-6.5	197.79	188.16	184.25	180.50	176.95	174.16	171.80	169.57	167.94	164.89	162.44
D-7	216.18	205.65	201.45	197.10	193.26	190.37	187.63	185.34	183.47	180.24	177.53
D-7.5	247.03	235.08	230.18	225.36	220.80	217.50	214.46	211.67	209.65	205.84	202.97
D-8	281.75	268.05	262.52	256.93	251.74	247.96	244.67	241.52	238.95	234.98	231.40
D-8.5	320.88	305.10	298.80	292.55	286.67	282.25	278.37	274.88	272.12	267.39	263.41

"D" CONSTRUCTION - 10 or MORE UNITS

Class	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2200
D-4	106.71	105.62	104.70	103.88	102.95	102.34	102.05	101.51	101.12	100.64	100.44
D-4.5	115.60	114.57	113.41	112.45	111.51	110.87	110.44	110.00	109.43	109.04	108.72
D-5	125.17	123.88	122.69	121.72	120.80	120.18	119.57	118.97	118.64	118.00	117.79
D-5.5	135.63	134.15	133.00	131.82	130.65	130.13	129.43	128.98	128.35	127.81	127.53
D-6	146.83	145.34	143.96	142.76	141.60	140.88	140.37	139.62	135.38	138.47	137.94
D-6.5	160.57	158.86	157.37	156.11	154.66	154.00	153.43	152.60	151.99	151.32	150.93
D-7	175.40	173.65	172.02	170.53	169.11	168.41	167.60	166.86	166.03	165.37	165.01
D-7.5	200.35	198.34	196.53	195.00	193.40	192.49	191.62	190.71	189.83	189.17	188.46
D-8	228.50	226.19	224.15	222.22	220.57	219.36	218.56	217.46	216.63	215.56	215.01
D-8.5	260.16	257.58	255.07	253.12	251.10	249.76	248.78	247.53	246.47	245.37	244.84

All multiple-family residence costs assume one bath per unit. Use the following table for adding the cost of extra baths.

10 or MORE UNITS

Class	Cost Per Extra Bath		
	2-Fixture Bath	3-Fixture Bath	4-Fixture Bath
D-4	\$4,335	\$6,095	\$7,183
D-5	\$5,016	\$7,183	\$7,530
D-6	\$6,095	\$9,076	\$11,514
D-7	\$7,588	\$10,836	\$14,494
D-8	\$8,667	\$12,327	\$16,255

AH 531.35

MANUFACTURED HOUSING

All quality class building specifications, information, and photographs are published in AH 531A, located on the [BOE website](#).

MANUFACTURED HOUSING SQUARE FOOT AREA COST TABLE

	321-	501-	701-	901-	1101-	1301-	1501-	1701-	1901-	2101-	2301-
Class	500	700	900	1100	1300	1500	1700	1900	2100	2300	2500
4	78.02	76.24	74.44	67.36	65.74	63.95	62.27	60.68	58.97	57.46	55.63
4.5	81.99	80.25	78.43	71.09	69.45	67.74	66.08	64.41	62.72	61.05	59.31
5	86.55	84.82	83.00	75.32	73.60	71.93	70.29	68.56	66.92	65.27	63.60
5.5	91.97	90.15	88.41	82.65	78.62	76.97	75.32	73.60	71.93	70.29	68.56
6	97.87	96.10	94.28	88.29	84.08	82.41	80.72	79.01	77.39	75.70	74.04
6.5	105.11	103.26	101.50	95.18	90.75	89.11	87.40	85.76	84.08	82.41	80.72
7	112.31	110.56	108.61	102.03	97.45	95.73	94.15	92.43	90.75	89.11	87.40
7.5	120.52	118.56	116.85	109.76	108.03	106.32	104.59	102.87	101.17	99.40	97.78
8	128.96	127.17	125.41	120.18	118.42	116.71	114.87	113.18	111.33	109.69	107.94
8.5	137.61	135.74	133.99	132.22	130.34	128.54	126.65	124.94	123.10	121.33	119.50
9	146.16	144.34	142.54	140.69	138.90	137.10	135.31	133.47	131.70	129.92	128.11

NOTE: The above cost factors are to be used only in the valuation of manufactured homes that are in excess of 8 feet in width or in excess of 40 feet in length, and/or in excess of 320 square feet. To compute square footage, measure the exterior perimeter of the unit(s) at the floor level. DO NOT INCLUDE THE TOW BAR.

Cost factors for all manufactured home quality classes include a cost for forced-air heating. Air conditioning is an additive. These cost factors do not include an allowance for park location value.

FOUNDATION

Single Story

For units on permanent foundations	1,000 sq. ft. to 1,800 sq. ft.	\$5,748 to \$6,933
	1,801 sq. ft. to 3,000 sq. ft.	\$6,934 to \$8,455

Two Story

Use the footprint of the first story for square foot calculation of foundation.

MANUFACTURED HOUSING

AIR CONDITIONING

Type	Cost		
Central Air for Ready Furnace Using Existing Ducts			
2 Ton	Approximately 800 - 1100 sq. ft.		\$5,080
2 1/2 - 3 Ton	Approximately 1101 - 1600 sq. ft.		\$5,837
4 - 5 Ton	Approximately 1601 - 2500 sq. ft.	\$6,403	- \$7,535
		<u>Cost Per Unit</u>	
Thru-wall Small Unit (1/2 H.P. 6,000 BTU)			\$1,951
Thru-wall Large Unit (1 H.P. 12,000 BTU)			\$2,478
Evaporative Cooler--Roof Mounted		\$2,214	- \$2,778
Wired Only for Air Conditioning		\$355	- \$740

BUILT-INS

Type	Cost Each		
Dishwasher (included in Class 7, 8, or 9)	\$1,434	-	\$1,774
Garbage Disposal (included in all base cost, deduct if missing)	\$297	-	\$581
Built-in Microwave Oven	\$1,180	-	\$2,354
Trash Compactor	\$1,301	-	\$1,638
Wet Bar (walk-up--if not included in class)	\$1,192	-	\$1,419
Wet Bar (walk behind--if not included in class)	\$3,887	-	\$4,309
Separate Shower Master Bath	\$1,352	-	\$1,704
One-half Bath: Toilet, Sink, and Pullman	\$2,580	-	\$2,732
Bathroom Sink or Laundry Sink			\$569
Fireplace (permanent--includes flue)	\$5,022	-	\$6,823
Fireplace (free standing--includes flue)	\$2,294	-	\$4,090
Built-in Buffet-Hutch (1 hutch included in Class 8)	\$1,804	-	\$2,270
Jetted Tub in Master Bath	\$2,102	-	\$2,566

SKIRTING

Type	Cost Per Linear Foot		
Lightweight Aluminum Panels			\$13
Lap Aluminum Siding			\$25
Painted Masonite® Panels			\$26
Flagstone-type Aluminum Panels			\$25
Concrete Composite Panels	\$32	-	\$40
Vinyl Panels			\$21
Brick or Stone - Cost per Surface Foot			\$35

STORAGE BUILDINGS (Floor Included)

Type	Cost Per Square Foot
Aluminum Exterior	\$26
Enameled Steel Exterior	\$21
Masonite®	\$42

TIE DOWNS

Type	Cost
Cork Screw Anchors and Straps	\$154 - \$231 Each

MANUFACTURED HOUSING

STEPS AND RAILS

<u>Type</u>	<u>Cost</u>		
Fiberglass Steps	\$363	-	\$556
Rail	\$77	-	\$121

UPGRADED COMPONENTS

<u>Type</u>	<u>Cost</u>		
Upgraded Carpets	\$2,256	-	\$5,636
Upgraded Drapes	\$1,918	-	\$4,795

PORCHES AND DECKS (No Roofs Included)

<u>Type</u>	<u>Cost Per Square Foot</u>		
Wooden Deck with Outdoor Carpet, Handrails, Skirting, and Steps (manufactured home floor level)	\$31.64	-	\$42.16

CARPORT, PORCH, AND DECK ROOFS

<u>Type</u>	<u>Cost Per Square Foot</u>		
Aluminum Supports and Roof Cover - Free Standing	\$18.27	-	\$23.47
Aluminum Supports and Roof Cover - Attached to House	\$11.62	-	\$16.53
Wooden Supports and Enameled Steel Cover	\$20.88	-	\$26.09

SCREEN WALLS FOR PORCHES AND DECKS

<u>Type</u>	<u>Cost Per Square Foot</u>		
Wood Frame with Screen Walls and Door			\$42.46
Wood or Aluminum Frame with Screen and Glass Walls and Door			\$148.54

EXTRA INSULATION PACKAGE

<u>Type</u>	<u>Cost Per Square Foot</u>		
Minimum Fiberglass	\$1.44	-	\$2.10
R-11 Floor, R-11 Sidewall, R-22 Ceiling	\$2.01	-	\$2.17
R-22 Floor, R-19 Sidewall, R-33 Ceiling	\$2.30	-	\$3.14

ROOF SNOW LOAD CAPABILITY

<u>Pounds Per Square Foot</u>	<u>Cost Per Square Foot</u>		
30 lbs.	\$1.05	-	\$1.69
40 lbs.	\$1.69	-	\$3.05
50 lbs.	\$3.05	-	\$4.03
60 lbs.	\$4.03	-	\$5.37
80 lbs.	\$5.08	-	\$8.09
100 lbs.	\$6.74	-	\$9.28
175 lbs.	\$8.37	-	\$10.08

MISCELLANEOUS

	<u>Cost</u>		
Hot Water Recirculating System (per unit)	\$1,079	-	\$1,136
Tubular Skylight	\$922	-	\$1,213
Foundation Ready	\$1,023	-	\$1,362

MANUFACTURED HOUSING

DEPRECIATION

The depreciation table in this handbook section is *suggested as a guide to appraisers*. The percentage rates are applicable to the replacement cost estimates and *no minimum percent good is intended*. They are *averages* based upon *an analysis of actual market purchase price information*, and revisions to the table may be necessary as more market data become available.

The percentages only apply to manufactured housing in average condition. A separate adjustment should be considered for deferred maintenance (cost to cure). It is strongly suggested that the appraiser carefully evaluate the *effective age* of the manufactured home. This is a critical adjustment that will dramatically affect the cost approach. *Investigation has shown that the condition of the manufactured home may have a greater influence on value than age.*

PERCENT GOOD TABLE

<u>Effective Age (Years)</u>	<u>Percent Good</u>
0	100%
1	99%
2	98%
3	95%
4	91%
5	87%
6	84%
7	80%
8	76%
9	71%
10	66%
11	63%
12	61%
13	59%
14	56%
15	54%
16	52%
17	51%
18	50%
19	50%
20	49%
21	48%
22	47%
23	46%
24	45%
25	44%

No minimum percent good is intended.

AH 531.40

BUILDING ADDITIVES

All quality class building specifications, information, and photographs are published in AH 531A, located on the [BOE website](#).

BUILDING ADDITIVES

COVERED PORCHES AND LEAN-TOS

Costs of covered porches may be estimated by application of a fraction of the main building square-foot cost.

<u>Suggestions for Fractions</u>	<u>Suggested Fraction</u>		
Low (ground level) floor (usually concrete) without banister, with unceiled shed-type roof	1/4	-	1/3
High (house floor level) floor (concrete or wood) with light banister. Unceiled shed-type roof	1/3	-	1/2
Same ceiled and with roof-like residence (most typical)			1/2
Same partially enclosed with screen or glass	1/2	-	2/3
Enclosed lean-to (sleeping porch or similar) with lighter foundation, wall structure, interior finish or roof than that of house to which attached	1/2	-	3/4
Roofed-unenclosed-recessed porch, under the same roof as the main building and with the same type and quality foundation (includes shape costs)			3/4
Roofed-enclosed-recessed porch with the same type roof and foundation as the main building (includes shape costs)			4/4
Good arbor or pergola with floor	1/4	-	1/3

UNCOVERED PORCHES

<u>Concrete Decks</u>	<u>Cost Per Square Foot</u>				
	<u>8" High</u>	<u>1' High</u>	<u>2' High</u>	<u>3' High</u>	<u>4' High</u>
Less than 100 square feet	\$13.77	\$18.44	\$29.99	\$40.21	\$56.83
100 to 200 square feet	\$12.00	\$16.69	\$24.09	\$32.15	\$42.88
201 to 400 square feet	\$10.24	\$13.17	\$20.49	\$28.52	\$36.94
Over 401 square feet	\$9.94	\$12.00	\$18.28	\$24.09	\$31.44

WOOD DECKS AND PORCHES

<u>2" wood deck with steps and railings</u>	<u>Cost Per Square Foot</u>		
1 to 3 feet above ground	\$26.59	-	\$32.00
4 to 6 feet above ground	\$32.00	-	\$42.72
6 to 9 feet above ground	\$33.53	-	\$44.91
9 to 12 feet above ground	\$35.33	-	\$47.09
12 to 15 feet above ground	\$37.12	-	\$49.40
15 to 18 feet above ground	\$38.90	-	\$51.67
Plastic decking or fiberglass	\$31.08	-	\$48.98

PORCH ROOFS

<u>Type</u>	<u>Cost Per Square Foot</u>		
Unceiled shed roof with wood shingle cover	\$15.38	-	\$18.19
Ceiled shed roof with wood shingle cover	\$25.85	-	\$29.39
Unceiled gable roof with wood shingle cover	\$18.19	-	\$22.36
Ceiled gable roof with wood shingle cover	\$29.39	-	\$32.18
<u>Alternate Covers</u>	<u>Cost Difference Per Square Foot</u>		
Rolled roofing	deduct	\$1.28	- \$1.52
Corrugated aluminum	deduct	\$1.42	- \$1.67
Corrugated iron	deduct	\$1.42	- \$1.67
Asphalt shingles	deduct	\$1.67	- \$1.94
Wood shakes	add	\$1.94	- \$2.93
Clay tile	add	\$11.03	- \$13.31
Slate	add	\$11.89	- \$16.09

Covered porch costs may be estimated by adding a porch cover cost to an uncovered porch cost.

BUILDING ADDITIVES

RESIDENTIAL BASEMENTS

<u>Size</u>	<u>Cost Per Square Foot</u>					
	<u>Unfinished Basements</u>			<u>Finished Basements</u>		
Less than 400 square feet	\$56.75	-	\$76.79	\$100.54	-	\$136.04
401 - 1,000 square feet	\$45.38	-	\$61.37	\$80.38	-	\$108.75
Over 1,001 square feet	\$40.04	-	\$54.18	\$70.94	-	\$95.96

All basement costs assume normal soil conditions, 8' ceiling height, no plumbing, partitions, or windows.

Unfinished basements are based upon reinforced concrete floors and walls, open ceilings and minimum lighting.

Finished basement costs are based upon reinforced concrete floors with vinyl tile cover, reinforced concrete walls with plywood paneled finish, acoustical tile ceiling and lighting similar to average residences.

Stair access is not included in the basement cost and should always be added.

BALCONIES

<u>Type</u>	<u>Cost Per Square Foot</u>		
Standard wood frame supported by 4" x 4" posts, 1" wood floor, open on underside, open 2" x 4" railing.	\$39.05	-	\$42.76
Standard wood frame supported by 4" x 4" posts, 1" wood floor, ceiled on underside, solid stucco or wood siding on railing.	\$46.50	-	\$50.19
Standard wood frame supported by steel columns, lightweight concrete floors, ceiled on underside, solid stucco or open grillwork railing.	\$70.68	-	\$78.07
Add for balcony roofs from porch roof cost on AH 531.40, page 3.			

STAIRS

<u>Type</u>	<u>Cost Per Square Foot</u>		
Standard wood frame, wood steps with open risers, open on underside, open 2" x 4" railing.	\$33.80	-	\$37.37
Standard wood frame with solid wood risers, ceiled on underside, solid stucco or wood siding on railing.	\$40.93	-	\$48.05
Precast concrete steps with open risers, steel frame, pipe rail with ornamental grillwork	\$88.98	-	\$99.66

BUILDING ADDITIVES

HEATING AND COOLING SYSTEMS

<u>Type</u>		<u>Cost Per Square Foot of Floor</u>			
Central Ducted Air Systems		Perimeter		Overhead	
Single-Family Residences		<u>Outlets</u>		<u>Outlets</u>	
Forced air heating	\$10.78	-	\$11.97	\$8.36	\$9.59
Forced air heating and cooling	\$12.09	-	\$14.36	\$9.59	\$12.21
Gravity heat	\$6.75	-	\$8.02		
Multiple-Family Residences					
Forced air heating	\$7.43	-	\$8.15	\$6.78	\$7.43
Forced air heating and cooling	\$9.50	-	\$11.53	\$9.50	\$10.19
Hot and Chilled Water System (Water is heated or cooled in a central installation and circulated to various parts of a building. Building is heated or cooled by blowing air over coils containing hot or cold water.)				\$17.11	\$19.79
<u>Type</u>		<u>Cost Each</u>			
Gas Floor and Wall Furnaces					
Single floor unit				\$1,884	\$2,006
Dual floor unit				\$3,259	\$3,511
Single wall unit				\$997	\$1,499
Dual wall unit				\$2,739	\$2,926
Thermostat control - add				\$256	\$399
<u>Electric Baseboard Units</u>					
<u>Wattage</u>	<u>Length</u>			<u>Cost Each</u>	
500	3'			\$606	\$675
1,000	4'			\$827	\$894
1,500	6'			\$894	\$994
2,000	8'			\$1,078	\$1,227
2,500	10'			\$1,268	\$1,381
3,000	12'			\$1,519	\$1,654
Electric Coils Under Bathroom Tile				\$3,154	\$3,941
Includes all electrical and wiring costs.					
<u>Geothermal</u>				<u>Cost Per Sq. Ft.</u>	
Ground Source Heat Pump System				\$19.13	\$26.26

BUILDING ADDITIVES

HEATING AND COOLING SYSTEMS (Contd.)

Electric Wall Heaters

<u>Wattage</u>	<u>Cost Each</u>		
1,000	\$772	-	\$897
2,000	\$821	-	\$964
3,000	\$921	-	\$1,219
3,500	\$1,089	-	\$1,345
4,000	\$1,282	-	\$1,597
4,500	\$1,410	-	\$1,792
Add for circulating fan	\$327	-	\$449
Add for thermostatic control	\$382	-	\$400

Cost includes wiring.

Evaporative Coolers

<u>Capacity</u>	<u>Cost Each</u>					
	<u>Window Installation</u>			<u>Roof Installation</u>		
2,200 CFM	\$1,282	-	\$1,407	\$2,047	-	\$2,308
4,000 CFM	\$1,535	-	\$1,664	\$2,308	-	\$2,433
4,500 CFM	\$1,791	-	\$2,047	\$2,560	-	\$3,072
5,500 CFM	\$1,921	-	\$2,178	\$2,820	-	\$3,329

Refrigerated Room Coolers

<u>Capacity</u>	<u>Cost Each</u>		
1/3 Ton	\$1,463	-	\$1,658
1/2 Ton	\$1,781	-	\$1,901
3/4 Ton	\$2,047	-	\$2,169
1 Ton	\$2,289	-	\$2,412
1 1/2 Ton	\$2,875	-	\$3,046
2 Ton	\$3,167	-	\$3,924

Cost includes wiring and minimum duct work.

SPRINKLER SYSTEMS

	<u>Per Square Foot</u>		
Single Family Residential	\$4.93	-	\$7.71

INSULATION

	<u>Per Square Foot</u>		
Minimum Code	\$1.52	-	\$2.81

BUILDING ADDITIVES

ELEVATORS, PASSENGER

<u>Hydraulic</u>		
Car and Machinery Cost Per Shaft		
<u>Base-Two Floors</u>		
<u>Capacity</u>	<u>Speed</u>	
	<u>100 F.P.M.</u>	<u>200 F.P.M.</u>
2,000 lbs.	\$107,864	\$123,283
2,500 lbs.	\$117,123	\$138,691
3,000 lbs.	\$123,283	\$151,016
3,500 lbs.		\$160,257
4,000 lbs.		\$169,503
Add for deluxe car \$17,302 per car.		
Add for doors and door openers, \$14,835 per floor		
Baked enamel doors and frame \$4,941 per stop.		
Stainless steel doors and frame \$5,422 per stop.		

FIRE ESCAPES

	<u>Unit</u>	<u>Cost</u>	
Second story	Each	\$9,195	\$12,176
Additional floors	Per story	\$5,412	\$8,117

BURGLAR ALARMS

	<u>Cost</u>	
Total cost in place	\$4,127	\$11,007

BUILDING ADDITIVES

FIREPLACES/INSTALLED

<u>Type</u>	<u>One Story</u>		<u>Cost Each</u>		<u>Two Story</u>	
Zero Clearance Metal Firebox, natural gas Low Quality - Typically enclosed by painted or stuccoed wall board 36" width with 12.5' chimney pipe	\$3,399	-	\$4,243			
Medium Quality - Typically enclosed in attractive wood paneling, simulated materials, or moderate brickwork, has average wood mantel. 36" width with 15' chimney pipe	\$4,243	-	\$4,909	\$4,671	-	\$5,095
High Quality - Firebox unit has fire-brick back and floor and glass door. Unit typically enclosed by brick or stone, also has raised brick hearth. 48" width with 15' chimney pipe	\$5,837	-	\$9,152	\$7,004	-	\$12,585
Add: Insulation, gas line, mantel	\$1,947	-	\$2,288			
Pellet fed fireplace	\$5,115	-	\$6,959			
Free Standing Prefabricated Fireplace	\$3,046	-	\$4,807			
Masonry:						
5' base, common brick or concrete block, low cost Douglas fir or common brick mantle	\$7,373	-	\$8,225	\$8,225	-	\$9,134
6' base, common brick, used brick, or natural stone on interior face or with average wood mantle	\$8,225	-	\$9,134	\$9,134	-	\$14,616
6' base, common brick, face brick with good wood mantle	\$9,134	-	\$14,616	\$14,616	-	\$17,354
6' base, common brick, used brick, or natural stone on interior face, raised hearth	\$14,616	-	\$17,354	\$17,354	-	\$21,925
8' base, common brick, used brick, or natural stone on interior face, raised hearth	\$17,354	-	\$21,925	\$21,925	-	\$26,490
Add 25 to 40 percent to above costs for additional openings using a common chimney.						

BUILDING ADDITIVES

STOVES (Franklin or Buck)

<u>Type</u>			
Low Quality			
Steel body with cast iron legs and front	\$2,662	-	\$3,928
Medium Quality			
Steel body with cast iron front, doors, and legs, small glass panel in door	\$4,717	-	\$5,320
High Quality			
All cast iron with large glass panel in door with slate or rock borders	\$6,589	-	\$9,374

BUILT-IN APPLIANCES

<u>Type</u>	<u>Cost Each</u>		
Combination oven-range with single oven			
Economy	\$762	-	\$1,241
Good	\$1,241	-	\$2,168
Excellent	\$2,008	-	\$3,748
Surface Cooking Units--Ceramic Cook Top Over Oven			
Economy	\$1,063	-	\$1,625
Good	\$1,625	-	\$2,294
Excellent	\$2,126	-	\$2,927
Built-ins			
Single oven with broiler	\$1,063	-	\$1,195
Single convection oven	\$2,245	-	\$3,634
Double oven	\$3,487	-	\$4,294
Range Top			
Economy	\$908	-	\$1,195
Good	\$1,195	-	\$1,755
Excellent	\$7,025	-	\$11,703
Range Top With Grill	\$1,316	-	\$2,553
Range Hoods and Fans	\$323	-	\$682
Dishwashers			
Economy	\$454	-	\$723
Good	\$670	-	\$1,339
Excellent	\$1,241	-	\$2,131
Garbage Disposer	\$382	-	\$1,079
Wine Cooler	\$820	-	\$1,172
Instant Hot Water Dispenser	\$936	-	\$1,382
Trash Compactor	\$703	-	\$1,172
Hot Water Recirculator	\$1,113	-	\$1,172
Microwave Oven Stove Top	\$1,077	-	\$1,287
Miscellaneous Additives			
Intercom Systems			
Central control-per station	\$1,142	-	\$1,381
Vacuum Systems			
Power unit and three outlets	\$3,192	-	\$6,386
Additional outlets	\$403	-	\$516
Crown Molding (per linear foot)	\$14	-	\$26
Two-speaker surround sound	\$1,275	-	\$1,491
Four-speaker surround sound	\$2,127	-	\$2,555
Six-speaker surround sound	\$3,831	-	\$4,468

BUILDING ADDITIVES

SOLAR HEATING AND COOLING

DOMESTIC HOT WATER SYSTEMS

Thermosyphon System Cost does not include back-up unit.	\$10,074	-	\$12,888
Breadbox Hot Water Heaters	\$5,324	-	\$5,894
Active Systems	\$11,015	-	\$15,235
Space Heating and Cooling	\$30,763	-	\$42,583
Passive or Indirect Cost per square foot of living area:	\$16.58	-	\$18.94

SOLAR HEATED SWIMMING POOLS

Cost per square foot of pool surface area:	\$18.58	-	\$25.97
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BUILDING ADDITIVES

DOMESTIC WATER SYSTEMS

Homes that are not served by a public water system usually obtain necessary water from a well. However, wells (including the hole, casing, grouting, and gravel pack) are considered real property and appraised as part of the land value. The pump, motor, tank, and distribution piping are considered improvements and are appraised as part of the improvement value.

Many types of pumps are available for domestic wells, but two types are the most common. They are jet pumps and submersible pumps.

SUBMERSIBLE PUMPS

A submersible pressure system consists of a multi-stage centrifugal pump coupled to an electric motor. The entire unit is submersed below the water level. Water enters a screened section of pipe and is pumped to the surface. This system is by far the most common as it is used in about 60 to 80 percent of all new pump installations.

SUBMERSIBLE PUMP COST TABLE

EXCLUDES WELL AND CASING COSTS

	<u>Depth of Setting</u>											
<u>H.P.</u>	<u>40'</u>	<u>60'</u>	<u>80'</u>	<u>100'</u>	<u>120'</u>	<u>140'</u>	<u>160'</u>	<u>180'</u>	<u>200'</u>	<u>220'</u>	<u>260'</u>	<u>300'</u>
1/2	5,577	5,764	5,949	6,135	6,323	6,512	6,694					
3/4	6,323	6,694	7,069	7,437	7,812	8,180	8,549	8,928				
1	7,437	7,812	8,180	8,549	8,928	9,297	9,668	10,039	10,409			
1 1/2	8,928	9,297	9,668	10,039	10,409	10,786	11,155	11,528	11,901	12,268		
2	11,155	11,528	11,901	12,268	12,643	13,014	13,387	13,757	14,131	14,506		
3	13,014	13,757	14,506	15,245	15,989	16,732	17,105	17,475	17,848	18,222	18,594	
5	14,874	15,617	16,363	17,105	17,848	18,222	18,594	18,965	19,338	19,709	20,082	20,451

	Submersible Pump, Installed at 100' Depth Excluding Well and Casing Typical Installation						
	<u>1/2 H.P.</u>	<u>3/4 H.P.</u>	<u>1 H.P.</u>	<u>1 1/2 H.P.</u>	<u>2 H.P.</u>	<u>3 H.P.</u>	<u>5 H.P.</u>
Total Cost	\$6,135	\$7,437	\$8,549	\$10,039	\$12,268	\$15,245	\$17,105
Tank Size (Gal)	84	84	122	224	224	321	321

BUILDING ADDITIVES

JET PUMPS

Jet pumps involve a centrifugal pump connected to an ejector consisting of a nozzle and venturi tube. Both the pump and motor are installed at ground level, and the only parts submerged are the pipes and ejector. Maximum pumping depth is 200 feet. Jet pump systems generally cost between 15 and 20 percent less than submersible systems.

PRESSURE TANKS

Cost Installed				
<u>Galvanized Tanks</u>				
42 Gal.	16" Diameter x	48" Depth	50" Cir.	\$692
82 Gal.	20" Diameter x	60" Depth	63" Cir.	\$920
120 Gal.	24" Diameter x	60" Depth	75" Cir.	\$1,150
220 Gal.	30" Diameter x	72" Depth	94" Cir.	\$2,531
315 Gal.	36" Diameter x	72" Depth	113" Cir.	\$3,456
525 Gal.	36" Diameter x	120" Depth	113" Cir.	\$4,602

WELL COSTS

<u>Drilling Cost Per Linear Foot Including Casing and Gravel Pack</u>						
<u>Casing Diameter</u>	<u>Plastic Casing</u>			<u>Steel Casing</u>		
6"	\$74.57	-	\$81.68	\$81.68	-	\$88.77
8"				\$88.77	-	\$95.83

Price ranges are due largely to the area in which wells are drilled. The harder the soil, the more costly to drill. Domestic wells rarely have casing greater than 8" in diameter.

SEPTIC TANK COSTS

<u>House Description</u>	<u>Tank Size</u>	<u>Cost</u>		
2 bedroom house	1,000 - 1,250 gallon tank	\$9,400	-	\$12,359
3 bedroom house	1,250 - 1,500 gallon tank	\$11,436	-	\$14,245
4 bedroom house	1,500 - 2,000 gallon tank	\$18,004	-	\$21,178
5 bedroom house	2,000 - 2,400 gallon tank	\$20,120	-	\$22,238

The installed cost of septic tanks will vary greatly depending upon soil conditions and type of system. Heavy clay or rocky soil will increase the cost of the system.

AH 531.50

RESIDENTIAL GARAGES

All quality class building specifications, information, and photographs are published in AH 531A, located on the [BOE website](#).

RESIDENTIAL GARAGES

ATTACHED

SQUARE FOOT AREA COST TABLES

"D" CONSTRUCTION

Class	220	260	280	320	360	400	440	480	540	600	800	1000
D-1	17.31	16.68	16.45	15.97	15.51	15.26	15.04	14.80	14.60	14.37	14.03	13.95
D-1.5	24.92	23.90	23.60	22.77	22.41	21.85	21.20	20.67	20.15	19.65	19.02	18.91
D-2	32.30	31.14	30.65	29.71	28.83	28.12	27.29	26.61	25.96	25.30	24.49	24.39
D-3	35.93	34.58	33.90	33.08	31.89	31.09	30.15	29.43	28.69	27.95	27.09	26.96
D-3.5	39.68	38.08	37.21	36.17	35.13	34.28	33.25	32.44	31.63	30.86	29.84	29.69
D-4	43.16	41.25	40.57	39.42	38.07	37.13	36.03	35.13	34.25	33.41	32.35	32.20
D-4.5	46.37	44.07	43.38	42.06	40.57	39.56	38.38	37.43	36.50	35.57	34.45	34.25
D-5	49.50	46.95	46.20	44.68	42.96	41.89	40.65	39.66	38.68	37.68	36.47	36.31
D-5.5	56.52	53.35	52.16	50.16	48.28	47.09	45.66	44.55	43.43	42.34	41.01	40.80
D-6	63.67	59.77	58.39	56.16	53.72	52.40	50.84	49.60	48.36	47.15	45.64	45.41
D-6.5	67.99	64.30	62.90	60.81	58.61	57.19	55.48	54.12	52.73	51.45	49.80	49.57
D-7	72.09	68.76	67.53	65.69	63.50	61.92	60.08	58.59	57.12	55.68	53.93	53.68
D-7.5	81.41	78.14	76.78	74.45	71.75	69.95	67.87	66.20	64.57	62.94	60.94	60.64
D-8	92.24	88.47	86.96	84.34	81.29	79.22	76.88	74.99	73.10	71.28	69.05	68.70
D-8.5	95.00	91.15	89.56	86.86	83.72	81.60	79.18	77.24	75.31	73.41	71.15	70.73
D-9	97.81	93.89	92.25	89.46	86.23	84.07	81.58	79.54	77.58	75.63	73.24	72.85
D-9.5	100.76	96.67	95.01	92.13	88.83	86.61	84.01	81.94	79.89	77.88	75.46	75.09
D-10	103.82	99.58	97.86	94.89	91.48	89.19	86.52	84.37	82.28	80.22	77.73	77.33

DETACHED

SQUARE FOOT AREA COST TABLES

"D" CONSTRUCTION

Class	220	260	280	320	360	400	440	480	540	600	800	1000
D-1	20.79	19.44	18.87	18.15	17.75	17.39	16.98	16.73	16.50	16.23	15.88	15.80
D-1.5	29.24	27.34	26.59	25.58	25.23	24.44	23.38	22.77	22.23	21.67	20.98	20.88
D-2	37.43	35.34	34.50	33.02	32.62	31.57	30.20	29.43	28.71	27.97	27.09	26.96
D-3	43.35	40.51	39.42	37.41	36.77	35.62	34.08	33.24	32.38	31.59	30.59	30.44
D-3.5	47.30	44.18	43.07	40.87	40.41	39.12	37.42	36.50	35.59	34.71	33.58	33.41
D-4	51.54	48.26	46.86	44.63	43.82	42.47	40.65	39.63	38.62	37.65	36.45	36.29
D-4.5	54.58	50.92	49.64	47.16	46.87	45.39	43.42	42.33	41.29	40.28	39.00	38.81
D-5	58.42	53.93	52.42	49.74	49.03	47.50	45.42	44.28	43.20	42.13	40.80	40.58
D-5.5	67.06	61.90	59.77	56.69	55.75	53.98	51.63	50.34	49.07	47.87	46.32	46.09
D-6	79.68	72.94	70.38	66.32	64.87	62.82	60.08	58.59	57.12	55.73	53.92	53.64
D-6.5	84.35	78.50	76.22	71.78	71.47	69.22	66.20	64.56	62.94	61.38	59.40	59.14
D-7	91.27	85.01	82.42	78.39	77.21	74.79	71.52	69.73	68.02	66.32	64.17	63.89
D-7.5	103.50	96.33	93.41	88.92	87.60	84.81	81.10	79.11	77.17	75.24	72.84	72.45
D-8	106.57	99.17	96.20	91.59	90.21	87.34	83.53	81.44	79.46	77.45	75.01	74.66
D-8.5	109.78	102.17	99.08	94.28	92.93	89.94	86.05	83.90	81.81	83.07	77.23	76.88
D-9	124.36	115.76	112.24	106.87	105.26	101.93	97.48	95.06	92.72	90.39	87.55	87.09
D-9.5	128.08	119.22	115.63	110.06	108.44	104.98	100.44	97.92	95.48	93.08	90.18	89.71
D-10	131.93	122.77	119.13	113.37	111.69	108.10	103.41	100.86	98.36	95.92	92.85	92.39

RESIDENTIAL GARAGES
ATTACHED
SQUARE FOOT COST TABLES

"C" CONSTRUCTION

Class	220	260	280	320	360	400	440	480	540	600	720
C-4	52.95	50.02	48.81	46.96	45.66	44.40	43.40	42.74	41.67	40.88	39.82
C-4.5	55.24	52.17	51.14	49.20	47.75	46.55	45.66	44.84	43.88	43.04	41.53
C-5	57.63	54.60	53.28	51.39	49.94	48.74	47.75	46.95	45.88	45.03	42.75
C-5.5	60.70	57.51	56.19	54.22	52.65	51.33	50.26	49.39	48.37	47.50	45.44
C-6	63.87	60.60	59.30	57.12	55.48	54.22	53.15	52.15	51.14	50.23	48.81
C-6.5	68.32	64.70	63.36	61.20	59.30	58.06	56.83	55.89	54.78	53.74	52.31
C-7	72.02	68.16	66.79	64.39	62.55	61.20	59.84	58.81	57.63	56.60	55.24
C-7.5	79.83	75.89	74.26	71.71	69.58	68.04	66.56	65.43	64.10	63.04	61.44
C-8	92.88	88.13	86.22	83.03	80.83	78.79	77.30	76.03	74.40	73.16	71.26

DETACHED
SQUARE FOOT COST TABLES

"C" CONSTRUCTION

Class	220	260	280	320	360	400	440	480	540	600	720
C-4	68.43	62.94	60.93	57.27	54.48	52.31	50.49	49.09	47.26	45.77	43.90
C-4.5	71.18	65.58	63.29	61.35	56.79	54.65	52.84	51.37	49.53	48.04	45.96
C-5	74.13	68.26	65.90	62.19	59.25	56.85	55.10	53.43	51.80	50.08	47.82
C-5.5	77.83	71.75	69.38	65.32	62.36	59.92	57.97	56.39	54.33	52.70	51.58
C-6	85.75	78.97	76.45	72.22	68.92	66.19	64.02	62.16	59.97	57.72	55.66
C-6.5	91.31	84.33	81.53	76.92	73.47	70.68	68.45	66.37	64.21	62.36	59.43
C-7	96.33	88.89	85.95	81.14	77.43	74.51	72.02	70.06	67.62	65.57	62.92
C-7.5	107.29	98.87	95.60	90.33	86.25	82.81	80.09	77.97	75.24	73.10	69.88
C-8	118.57	109.23	105.79	99.99	95.35	91.73	88.83	86.26	83.41	80.91	79.24

RESIDENTIAL GARAGES

MULTIPLE-FAMILY RESIDENTIAL GARAGES

Built at ground level and under a multiple-family unit.

SQUARE-FOOT COST TABLE

Area	400	800	1,200	2,000	3,000	5,000	10,000	20,000
Cost	50.83	45.32	40.69	35.92	33.55	32.09	31.32	29.68

These costs include the following components.

1. A reinforced concrete floor in all areas.
2. Exterior walls, on one long side and two short sides, made up of a standard wood frame with stucco on both sides.
3. Steel support columns for the floor above.
4. A stucco ceiling in all areas.
5. The difference between the cost of a standard wood frame floor structure at the second floor level and one at the ground level.
6. An average quality light fixture per each 600 square feet.

For multiple-family residential garages built at ground level under a multi-family residence and including all components listed above except exterior walls, use \$26.18 per square foot.

MULTIPLE-FAMILY RESIDENTIAL GARAGES BUILT AS SEPARATE BUILDINGS

SQUARE-FOOT COST TABLE

Area	400	800	1,200	2,000	3,000	5,000	10,000	20,000
Cost	61.34	54.80	49.97	49.17	47.45	43.42	41.70	40.92

These costs include the following components:

1. Foundations.
2. A reinforced concrete floor in all areas.
3. Exterior walls, on one long side and two short sides made up of a standard wood frame with stucco on both sides.
4. Steel support columns supporting the roof.
5. An unceiled standard wood frame roof structure with composition tar and gravel, wood shingle, or light shake cover.
6. An average quality light fixture per each 600 square feet.

Common wall: deduct \$6.40 per square foot of wall area

CARPORTS

Wood or steel posts, asphalt floors, built-up wood frame, or corrugated metal roof at \$23.86 to \$27.51 per square foot.

RESIDENTIAL GARAGES

BASEMENT GARAGES

One level, five feet below grade, directly beneath 2- to 4-story apartments with perimeter walls in vertical alignment.

SQUARE-FOOT AREA COST TABLE

Type	5,000	7,500	10,000	15,000	20,000	30,000	40,000	60,000
Reinforced concrete exterior walls, reinforced concrete columns and flat concrete roof slab	79.06	75.05	70.06	68.01	66.08	65.25	64.28	63.56
Concrete block exterior walls, reinforced concrete columns and flat concrete roof slab	78.31	73.35	68.51	66.84	65.25	64.48	63.56	61.99
Concrete block exterior walls, steel posts and beams, light concrete/metal roof fireproofed with spray plaster	73.66	67.24	64.04	62.34	60.83	59.16	57.66	56.72
Concrete block walls, wood posts and beams, light concrete/metal roof fireproofed with spray plaster	65.58	62.34	58.41	54.40	52.77	51.99	51.25	50.33

Basement garage costs include the following:

1. 5' excavation
2. Full wall enclosure
3. Storage facilities
4. Minimum lighting
5. Concrete floors
6. Two-car bays

Access stairways and driveway ramps outside the perimeter walls are considered to be part of the garage area.

Add \$1,262 for each security door with mechanical operation.

AH 531.51

YARD IMPROVEMENTS

All quality class building specifications, information, and photographs are published in AH 531A, located on the [BOE website](#).

YARD IMPROVEMENTS

SWIMMING POOLS

SWIMMING POOLS

	<u>Cost Per Square Foot</u>
Concrete Pools	\$94 - \$173
Fiberglass Pools	\$70 - \$94
In-ground Liner	\$45 - \$70

A typical 440 square foot concrete pool will cost between **\$113.14 and \$161.05** per square foot.

Swim spas are narrow lap pools with powerful jets that create a current. The swimmer swims in place against the current—**\$59,589 to \$101,462**.

A key cost in fiberglass pools is for shipping the pool from the manufacturer to the local installer. Shipping charges can add between **\$1,757 to \$4,978** to the cost of the pool.

SWIMMING POOL ADDITIVES

<u>Heaters</u>		<u>Other Additives</u>	
<u>Average MBH¹</u>	<u>Average Price</u>	Slides	\$3,058 – \$6,684
125	\$4,010	Diving Boards	\$1,335 – \$2,674
250	\$6,876	Concrete decking per square foot	\$13.35
400	\$7,638	Redwood decking per square foot	\$61.13

NOTE: Solar heating costs around three to four times more than standard gas heating, average **\$11,460 to \$15,279**. See AH 531.40 and 531.40A for additional data on solar heated pools.

Two typical types of filters are the cartridge and the diatomaceous earth. Typically, these costs are in the basic pool. Deduct for cartridge filter **\$1,146 - \$1,912**.

NOTE: Permit costs vary throughout the state ranging from **\$220 to \$2,928**.

NOTE: Pool sweeps average **\$2,870**, but may be personal property.

DETACHED SPAS (BELOW GROUND)

	<u>With Pool</u>	<u>Without Pool</u>
Gunite®	\$14,512 - \$26,927	\$28,262 - \$36,285
Fiberglass	\$11,460 - \$19,290	\$20,244 - \$25,957

SPA ADDITIVES

Remote Control	\$1,912
Solar Control	\$2,866

¹ One MBH = One thousand BTUs per hour.

YARD IMPROVEMENTS

RESIDENTIAL HOT TUBS AND SPAS

Both spas and hot tubs commonly have pumps, filters, jets, blowers, and heaters that may be used in any class or size installation. Most units are gas and average about 8 percent more in cost than electric.

There is little difference in spa and hot tub installed costs. Below ground and aboveground have offsetting costs that are about equal. Replacement costs consider typical installations with normal access. Additions to existing residences may result in an excessive installation cost due to restricted access. Labor costs should be added to the historical cost of owner-installed units.

The following tables provide replacement costs for the most common installations, in place, and include materials, sales tax, and installation labor. Component deductions include materials, sales tax, and labor. Higher capacity components are interchangeably used in all classes. The components used will indicate where the replacement cost should fall in the table range of each class.

YARD IMPROVEMENTS

HOT TUBS-SPAS-ROUND-OCTAGONAL-SQUARE (Above Ground) INSTALLED COST WITH FULL EQUIPMENT GAS (Factor .92 for Electric Units)

<u>Installed Unit</u>	<u>Class I 6'</u>			<u>Class II 7'</u>			<u>Class III 8'</u>		
Diameter	6'			7'			8'		
Hot Tub or Spa	\$10,711	-	\$12,111	\$11,219	-	\$12,750	\$11,727	-	\$13,387
Typical Contractors Installation, Labor (Included in Unit Cost)	\$4,080	-	\$5,353	\$5,353	-	\$6,632	\$5,991	-	\$6,632
Deduct for Lack of:									
Heaters (Gas)			\$2,169			\$2,424			\$2,805
Heaters (Electric)			\$1,084			\$1,212			\$1,403
Filters			\$831			\$959			\$1,147
Blowers			\$601			\$675			\$831
Pumps			\$1,084			\$1,212			\$1,277
Jets (Spas)			\$831			\$894			\$959
Jets (Hot Tubs)			\$831			\$959			\$1,020
Additional Costs									
Decks 30" Around Spa up to 8' Octagon									
6" High			Brick		\$1,659		Concrete		\$1,403
12" High 2 Steps			Brick		\$2,168		Concrete		\$2,039
<u>12' x 12' Square Pattern</u>									
Flush			Brick		\$2,039		Concrete		\$1,783
6" High			Brick		\$2,805		Concrete		\$2,168
12" High 2 Steps			Brick		\$3,060		Concrete		\$2,707
Mahogany wood hot tub - \$1001 more than redwood.									
Tile work - concrete base - see tile-in place costs.									
Tile spa - glass base installed \$4,181 more than installed acrylic spa.									
Excavation and dirt removal - sunken installation					\$1,003	-		\$1,531	
Extra material above ground installation					\$894	-		\$1,020	
Extra installation on spas 1" thick					\$253				
Wood decks (common in Northern California)					\$41	per sq. ft.			
Remote Controls					\$253	-		\$384	

YARD IMPROVEMENTS

CURBS

<u>Type</u>	<u>Cost Per Linear Foot</u>		
Asphalt 6" high	\$14.01	-	\$18.90
Concrete Bumper Strip 6" x 6"	\$17.82	-	\$19.13
Concrete 6" wide 12" high	\$19.13	-	\$20.39
Concrete 6" wide 18" high	\$21.65	-	\$25.44
Wood bumper rail 6" x 6"	\$20.39	-	\$24.20
Vertical curb and gutter	\$30.57	-	\$34.36

FENCES

	<u>Cost Per Linear Foot</u> <u>Six Feet High</u>		
Redwood			
1" x 4"	\$42.06	-	\$45.22
1" x 6"	\$43.64	-	\$48.98
1" x 8"	\$45.22	-	\$52.75
1" x 10"	\$45.22	-	\$60.28
1" x 6" Picket	\$42.06	-	\$52.75
Cedar			
1" x 4"	\$39.13	-	\$40.08
1" x 6"	\$42.06	-	\$45.22
Douglas Fir	\$35.89	-	\$52.27
Tri Stake	\$53.79	-	\$64.05
Grape Stake	\$48.69	-	\$56.35
Good Neighbor	\$35.89	-	\$41.00
Basket Weave	\$43.53	-	\$51.25
Split Rail	\$23.47	-	\$33.95
Corral Fence			
Two Rail	\$23.47	-	\$33.95
Three Rail	\$28.19	-	\$43.53
Picket	\$25.17	-	\$35.93
Vinyl - 6' Solid (Add 10-15% for color)	\$35.74	-	\$57.79

WOOD GATES

<u>Size</u>	<u>Range</u>		
3' x 6'	\$478.86	-	\$565.59
4' x 4'	\$468.01	-	\$556.20
5' x 6'	\$587.28	-	\$692.98

CHAIN LINK GATES

<u>Width</u>	<u>Height</u>			
	<u>3'</u>	<u>4'</u>	<u>5'</u>	<u>6'</u>
3'	\$443	\$509	\$575	\$678
5'	\$513	\$614	\$837	\$947
15'	\$964	\$1,250	\$1,684	\$1,830

YARD IMPROVEMENTS

FENCES (Contd.)

Chain Link Fences: 11 Gauge, 2" Mesh, Top Rail		Per Linear Foot				
		Height				
		4'	6'	8'	10'	12'
		\$23.68	\$32.31	\$41.12	\$49.74	\$58.16

PAVING

Type	Cost Per Square Foot		
	0 to 1,000	1,001 to 10,000	10,001 Up
2" asphalt on 4" rock base	\$5.50	\$5.25	\$3.53
2" pea gravel	\$1.07	\$0.94	\$0.84
2" concrete on 4" rock base	\$9.19	\$7.21	\$6.42
4" concrete aggregate on 4" rock base (reinforced)	\$10.45	\$8.88	\$7.78
2" concrete salt finish with color	\$14.33	\$12.57	-
Broom finish	\$11.32	\$10.19	\$8.15
Decorator concrete, stamped and stenciled		\$23.03	\$19.09

UNCOVERED PATIOS

Type	Cost Per Square Foot
Brick in mortar	\$28.72
Brick in sand	\$26.54
Flagstone	\$31.29
Quarry tile	\$22.76

GARDEN STEPS AND STAIRS

Type	Cost Per Square Foot
Concrete steps	\$50.86
Brick surface steps	\$64.10
Flagstone surface steps	\$28.45

MOWING STRIP

Type	Cost Per Linear Foot		
6" wide concrete	\$16.85	-	\$18.15
12" wide concrete	\$21.02	-	\$24.96
12" wide/3" rise	\$27.80	-	\$30.63
1 row brick on top	\$28.04	-	\$32.36

CONCRETE BLOCK WALLS - INCLUDING FOUNDATION AND CAPPING COSTS

Height	Cost Per Linear Foot		
	4" Thick	6" Thick	8" Thick
40"	\$44.30	\$50.64	\$59.10
48"	\$52.76	\$61.20	\$67.56
56"	\$59.10	\$71.76	\$78.09
64"	\$69.63	\$80.19	\$88.66
72"	\$78.09	\$99.20	\$97.09

YARD IMPROVEMENTS

LAWN SPRINKLERS

<u>Type</u>		<u>Cost</u>
Lawn - shrubbery and bubbler heads		\$1.58 per. sq. ft.
Rotary pop-up sprinkler heads		\$1.69 per. sq. ft.
Sprinkler heads		\$1.69 per. sq. ft.
Skinner lines		\$9.22 per linear ft.
Automatic Valve -	Add	\$1.50 per sq. ft.

PATIOS

Minimum Quality Wood Concrete slab with footings under posts, 4" x 4" posts, 4" x 6" beam, 2" x 4" rafters, 1" x 6" sheathing, and 12" overhang all around. Composition with gravel or aluminum roof cover. Wood painted or stained.			<u>Cost</u>
	\$31.99	-	\$35.54 square foot
Good Quality Wood Concrete slab with continuous footing. 6" x 6" posts, 6" x 8" beam, 2" x 6" or 4" x 6" rafters with 2" x 6" fascia. 1" x 8" vee groove shiplap sheathing, and 18" overhang all around. Composition with rock roof cover. Wood painted or stained.			<u>Cost</u>
	\$41.84	-	\$57.07 square foot
<u>Additions</u>			<u>Cost</u>
Shingle roof			\$6.42 per square foot
Shake roof			\$7.36 per square foot
Screen walls (includes door)	\$79.66	-	\$113.40 per linear foot
Lights	\$162.42	-	\$193.07 each
<u>Deduct for Lack of</u>			<u>Cost</u>
Concrete slab			\$11.50 per square foot
Continuous footing			\$14.38 per linear foot
<u>Aluminum Patios</u>			<u>Cost</u>
Concrete slab, aluminum framework and enameled aluminum roof cover	\$23.30	-	\$29.47 per square foot
Additions - Screen walls (includes door)			\$73.16 per linear foot
Screen walls - removable plastic panels	\$150.54	-	\$192.73 per linear foot
Styrofoam insulated ceilings			\$6.49 per square foot
Lights	\$182.11	-	\$206.92 each
Deduct - for lack of slab	\$7.87	-	\$12.78 per square foot
Sun rooms	\$58.45	-	\$196.45 per square foot
Lattice sun screen, fiberglass or aluminum	\$26.03	-	\$28.89 per square foot
Barbeque islands	\$2,723	-	\$23,108 each

AH 531.60

IN-PLACE COSTS (SEGREGATED COSTS)

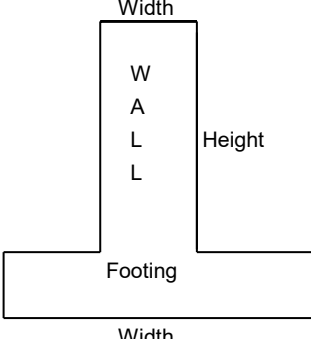
All quality class building specifications, information, and photographs are published in AH 531A, located on the [BOE website](#).

IN-PLACE COSTS

FOUNDATIONS - REINFORCED CONCRETE

<u>Type</u>	<u>Cost Per Cubic Foot</u>		
Footings	\$31.01	-	\$36.07
Walls	\$31.55	-	\$39.44

Foundation cost per linear foot - including footing.

	<u>Footing</u>		<u>Wall</u>		<u>Cost per Linear Foot</u>		
	<u>Width</u>	<u>Height</u>	<u>Width</u>	<u>Height</u>			
	12"	6"	6"	6"	\$28.09	-	\$36.45
	12	6	6	12	\$37.35	-	\$41.98
	12	6	6	18	\$43.01	-	\$47.98
	12	6	6	24	\$50.15	-	\$56.55
	16	8	8	12	\$54.73	-	\$64.59
	16	8	8	24	\$75.85	-	\$83.55
	16	8	8	36	\$86.21	-	\$91.00

HILLSIDE FOUNDATIONS

	<u>Cost</u>		
Retaining walls	\$46.07	-	\$65.26 per cubic foot
Reinforced concrete columns 16" circular	\$92.13	-	\$127.96 per linear foot
Steel columns: 6" diameter	\$119.61	-	\$179.40 per linear foot
8" diameter	\$149.50	-	\$239.20 per linear foot
10" diameter	\$194.33	-	\$298.99 per linear foot
Pipe columns: 4" diameter	\$69.78	-	\$72.49 per linear foot
6" diameter	\$73.39	-	\$76.11 per linear foot
8" diameter	\$77.02	-	\$79.73 per linear foot
Wood poles: 10" diameter	\$43.48	-	\$50.74 per linear foot
12" diameter	\$50.74	-	\$57.98 per linear foot
14" diameter	\$57.98	-	\$61.61 per linear foot
Caissons: 24" diameter (depending on depth to bedrock)	\$9,569	-	\$28,705 each

For Class 8 and above on 35% to 40% slope, add 30% to 40% to total building costs.

FLOORS - REINFORCED CONCRETE

<u>Size and Type</u>	<u>Cost Per Square Foot</u>		
4" slab only	\$7.54	-	\$8.58
6" slab only	\$8.94	-	\$9.72
8" slab only	\$9.72	-	\$11.65
4" with 4" rockfill and waterproof membrane	\$8.29	-	\$9.72
6" with 6" rockfill and waterproof membrane	\$10.87	-	\$11.55
8" with 8" rockfill and waterproof membrane	\$11.55	-	\$13.57

MUDSILLS

<u>Size and Type</u>	<u>Cost Per Linear Foot</u>		
2" x 4" redwood	\$5.36	-	\$6.00
2" x 6" redwood	\$6.27	-	\$7.26

Cost includes treating, boring, and bedding.

IN-PLACE COSTS

GIRDERS

<u>Size and Type</u>		<u>Cost Per Linear Foot</u>		
4" x 6"	Douglas Fir	\$9.27	-	\$12.10
4" x 8"	Douglas Fir	\$10.77	-	\$12.55
4" x 10"	Douglas Fir	\$12.55	-	\$13.63
4" x 12"	Douglas Fir	\$15.40	-	\$19.82
6" x 6"	Douglas Fir	\$12.55	-	\$15.40
6" x 8"	Douglas Fir	\$13.63	-	\$16.46
6" x 10"	Douglas Fir	\$15.11	-	\$17.94
6" x 12"	Douglas Fir	\$17.08	-	\$19.75
8" x 8"	Douglas Fir	\$19.75	-	\$21.04

FLOOR JOISTS

<u>Size and Type</u>		<u>Cost Per Square Foot of Floor Area</u>		
2" x 4" - 16" on center		\$2.88	-	\$3.68
2" x 4" - 24" on center		\$2.58	-	\$3.44
2" x 6" - 16" on center		\$3.68	-	\$4.34
2" x 6" - 24" on center		\$3.01	-	\$3.77
2" x 8" - 16" on center		\$4.61	-	\$5.06
2" x 8" - 24" on center		\$4.27	-	\$4.74
2" x 10" - 16" on center		\$4.74	-	\$5.45
2" x 10" - 24" on center		\$4.43	-	\$5.06
2" x 12" - 16" on center		\$5.44	-	\$6.02
2" x 12" - 24" on center		\$5.10	-	\$5.59

WALLS - CONCRETE OR MASONRY

<u>Size and Type</u>	<u>Cost Per Square Foot of Wall Area</u>		
Brick			
8" common brick	\$53.20	-	\$61.94
12" common brick	\$66.26	-	\$74.81
8" common brick, 1 side face brick	\$61.94	-	\$66.26
12" common brick, 1 side face brick	\$70.31	-	\$80.07
Concrete block reinforced			
8" gray	\$30.36	-	\$32.58
8" colored	\$32.58	-	\$34.71
8" detailed blocks, gray	\$32.58	-	\$34.71
8" detailed blocks, colored	\$32.58	-	\$34.71
8" sandblasted	\$30.36	-	\$32.58
8" splitface, gray	\$56.30	-	\$60.64
8" splitface, colored	\$53.75	-	\$58.43
8" slumpstone, gray	\$53.75	-	\$58.43
8" slumpstone, colored	\$56.30	-	\$60.64
12" gray	\$32.58	-	\$34.71
4" screen block	\$30.36	-	\$34.71

IN-PLACE COSTS

SUBFLOORING

<u>Size and Type</u>	<u>Cost Per Square Foot of Floor Area</u>		
1" x 6" or 8"	\$4.04	-	\$4.16
2" T & G	\$5.59	-	\$6.60
5/8" plywood	\$4.23	-	\$4.83
3/4" plywood	\$4.62	-	\$5.32
1 1/8" plywood	\$4.96	-	\$5.44
1/2" particle board	\$2.88	-	\$3.65
3/8" particle board	\$2.46	-	\$3.31

WOOD FRAME WALL FRAMING

<u>Size and Type</u>	<u>Cost Per Square Foot of Wall Area</u>		
2" x 3" - 16" on center	\$3.01	-	\$3.70
2" x 3" - 24" on center	\$2.71	-	\$3.23
2" x 4" - 16" on center	\$3.23	-	\$3.89
2" x 4" - 24" on center	\$3.01	-	\$3.70
2" x 6" - 16" on center	\$3.89	-	\$4.45
2" x 6" - 24" on center	\$3.70	-	\$4.12

WOOD POSTS

<u>Size and Type</u>	<u>Cost Per Linear Foot of Height</u>		
4" x 4" Douglas Fir	\$8.75	-	\$9.89
4" x 6" Douglas Fir	\$9.21	-	\$10.37
6" x 6" Douglas Fir	\$9.89	-	\$10.65
8" x 8" Douglas Fir	\$11.75	-	\$13.35
10" x 10" Douglas Fir	\$15.96	-	\$17.52
12" x 12" Douglas Fir	\$23.85	-	\$28.63

WALL SHEATHING

<u>Size and Type</u>	<u>Cost Per Square Foot of Wall Area</u>		
#15 felt	\$0.91	-	\$1.08
Line wire	\$0.78	-	\$0.89
1/2" asphalt impregnated drywall	\$2.66	-	\$2.78
1/2" fiber board	\$2.70	-	\$2.88
3/8" plywood	\$3.54	-	\$4.43
1" boards solid	\$3.93	-	\$5.07
1" x 4" or 6" spaced	\$2.70	-	\$3.13

CEILING JOISTS

<u>Size and Type</u>	<u>Cost Per Square Foot of Floor Area</u>		
2" x 4" - 16" on center	\$3.43	-	\$3.62
2" x 4" - 24" on center	\$3.15	-	\$3.31
2" x 6" - 16" on center	\$3.64	-	\$3.87
2" x 6" - 24" on center	\$3.31	-	\$3.43
2" x 8" - 16" on center	\$3.77	-	\$3.99
2" x 8" - 24" on center	\$3.43	-	\$3.64
2" x 10" - 16" on center	\$3.87	-	\$4.11
2" x 10" - 24" on center	\$3.55	-	\$3.77
2" x 12" - 16" on center	\$3.99	-	\$4.24
2" x 12" - 24" on center	\$3.64	-	\$3.87

IN-PLACE COSTS

ROOF RAFTERS

<u>Size and Type</u>	<u>Cost Per Square Foot of Floor Area</u>		
	<u>Flat- roof</u>	<u>5 in 12 Rise</u>	<u>12 in 12 Rise</u>
2" x 4" - 16" on center	\$3.82	\$4.43	\$5.15
2" x 4" - 24" on center	\$3.30	\$4.18	\$4.94
2" x 4" - 30" on center	\$3.17	\$4.07	\$4.66
2" x 6" - 16" on center	\$4.18	\$4.81	\$5.51
2" x 6" - 24" on center	\$3.67	\$4.54	\$5.30
2" x 8" - 16" on center	\$4.54	\$5.15	\$5.91
2" x 8" - 24" on center	\$4.07	\$4.94	\$5.63

Includes ridge boards, collar ties, purlins, bracing, and typical overhang.

ROOF SHEATHING AND DECKING

<u>Size and Type</u>	<u>Cost Per Square Foot of Floor Area</u>		
	<u>Flat- roof</u>	<u>5 in 12 Rise</u>	<u>12 in 12 Rise</u>
3/4" cellular concrete	\$2.90		
2" gypsum poured	\$3.51		
1 1/2" insulation board	\$7.66	\$7.99	\$10.45
2" insulation board	\$8.73	\$9.36	\$12.20
1" solid wood boards	\$3.28	\$3.61	\$5.03
1" x 4" or 6" spaced wood board	\$1.89	\$2.08	\$2.65
3/8" plywood	\$2.87	\$3.04	\$4.55
1/2" plywood	\$3.67	\$3.85	\$5.15
5/8" plywood	\$3.85	\$3.99	\$5.46
2" T & G	\$7.48	\$8.13	\$11.25

ROOFING

<u>Size and Type</u>	<u>Cost Per Square Foot of Floor Area</u>	
	<u>Flat-roof to 3 in 12 Rise</u>	<u>6 in 12 Rise</u>
Built-up roofing		
3 layers 15 lb. felt hot mopped with pea gravel	\$3.37	\$4.68
4 layers 15 lb. felt hot mopped with pea gravel	\$4.14	\$3.99
1 layer 30 lb. felt with a 90 lb. cap sheet	\$3.01	\$3.63
1 layer 30 lb. felt, 2 layers 15 lb. felt hot mopped with pea gravel	\$3.37	\$4.36
1 layer 30 lb. felt, 3 layers 15 lb. felt hot mopped with pea gravel	\$4.14	\$4.69

IN-PLACE COSTS

ROOFING (Contd.)

<u>Size and Type</u>	<u>Cost Per Square Foot of Floor Area</u>		
	<u>3 in 12 Rise</u>	<u>5 in 12 Rise</u>	<u>12 in 12 Rise</u>
Composition shingles			
168 lb. hex. strip with 15 lb. felt		\$3.54	\$4.64
235 lb. square strip with 15 lb. felt		\$4.64	\$7.15
Wood shingles			
16" #1 red cedar 4 1/2" exposure		\$6.60	\$8.10
24" royals 7 1/2" exposure		\$6.94	\$8.90
Natural shakes			
1/2" to 3/4" red cedar		\$6.62	\$8.10
3/4" to 1 1/4" red cedar		\$8.80	\$9.98
Composition shingles with 38 lb. felt		\$8.17	\$10.46
Clay tile			
Red mission tile with 2 layers			
40 lb. felt and 1 layer of			
30 lb. felt hot mopped		\$10.31	\$12.90
Red shingle tile with 2 layers			
40 lb. felt with 1 layer			
30 lb. felt hot mopped		\$8.67	\$10.09
Concrete tile/shake	\$5.17	\$5.87	\$8.14
Slate			
Pennsylvania black 30 lb. felt	\$20.09	\$22.54	\$32.70
Metal			
Aluminum interlock shingles		\$10.49	\$13.09
Aluminum corrugated 24 gauge	\$5.38	\$6.19	\$5.97
Galvanized iron corrugated 26 gauge	\$6.94	\$7.07	\$8.10
Copper standing seam 10 oz.	\$24.78	\$25.54	\$31.85
Copper flat lock 10 oz.	\$25.83	\$27.16	\$33.70
Cost includes typical overhangs.			

SKYLIGHTS and OPTIONS

	<u>Cost</u>		
Skylights	\$2,724	-	\$3,308 each
Tubular Skylight	\$969	-	\$1,275 each
Extra tubing			\$48.63 per linear foot

GUTTERS

<u>Size and Type</u>	<u>Cost Per Linear Foot</u>		
Seamless galvanized gutters - painted	\$14.26	-	\$15.64
6" deep galvanized gutters - painted	\$18.90	-	\$20.55
8" deep galvanized gutters - painted	\$20.55	-	\$22.06
Downspouts, galvanized - painted	\$11.13	-	\$12.68

IN-PLACE COSTS

WALL COVER - EXTERIOR

<u>Size and Type</u>	<u>Cost Per Square Foot of Wall Area</u>		
Aluminum siding			
Horizontal, colored	\$8.21	-	\$8.91
Horizontal, colored, insulated	\$8.57	-	\$9.26
Vertical, colored	\$8.91	-	\$9.42
Vertical, colored, insulated	\$9.26	-	\$9.57
Masonry veneer - Brick			
Select common	\$23.91	-	\$28.69
Red jumbo	\$22.94	-	\$26.24
Roman	\$37.09	-	\$40.25
Norman	\$30.57	-	\$33.80
Glazed	\$49.78	-	\$53.13
Rock facia	\$29.04		\$33.22
Concrete block			
4" gray	\$21.77	-	\$23.58
4" colored	\$22.72	-	\$24.49
4" splitface, gray	\$35.93	-	\$39.55
4" splitface, colored	\$39.55	-	\$43.63
4" slumpstone, gray	\$39.55	-	\$41.76
4" slumpstone, colored	\$35.93	-	\$39.55
Imitation stone	\$40.08	-	\$48.59
Natural stone	\$46.83	-	\$52.06
Shingles and shakes			
Aluminum	\$11.13	-	\$12.10
Composition	\$7.01	-	\$7.76
Asphalt	\$3.71	-	\$3.99
Natural shakes	\$10.64	-	\$11.39
Wood shingles	\$9.16	-	\$9.92
Shake panels	\$9.92	-	\$10.64
Stucco			
1" on masonry	\$6.52	-	\$8.36
1" on wire	\$7.58	-	\$9.48
Wood siding			
1/4" hardboard prime painted	\$4.93	-	\$5.47
7/16" hardboard prime painted	\$6.14	-	\$6.88
3/8" plywood prime painted	\$5.61	-	\$6.08
3/8" plywood plastic coated	\$7.60	-	\$8.06
3/8" plywood rough cedar	\$5.04	-	\$5.37
5/8" plywood texture III	\$5.37	-	\$6.08
5/8" plywood redwood textured	\$6.84	-	\$7.15
1/2" bevel siding	\$4.92	-	\$5.47
3/4" bevel siding	\$6.08	-	\$6.41
3/4" bevel siding, mitered corners	\$6.41	-	\$7.03
1" rustic or lap siding (cedar)	\$6.08	-	\$6.41
1" rustic or lap siding (redwood)	\$7.48	-	\$7.89

IN-PLACE COSTS

FLOOR COVERING

<u>Size and Type</u>	<u>Cost Per Square Foot</u>		
Asphalt tile	\$2.50	-	\$3.05
Carpet			
Low cost cotton, nylon, or acrylic	\$4.60	-	\$5.31
Medium price wool, nylon, or acrylic	\$6.24	-	\$7.05
High price wool, nylon, or acrylic	\$8.83	-	Up
Ceramic tile (mosaic including base)	\$19.60	-	\$26.57
Cork tile	\$7.00	-	\$8.36
Cork tile, vinyl coated	\$8.06	-	\$11.42
Leather	\$55.45	-	\$91.36
Linoleum	\$5.73	-	\$11.95
Epoxy-type floor only (decorative flakes)	\$9.80	-	\$13.13
Quarry tile			
Regular grout	\$25.12	-	\$28.46
Epoxy grout	\$30.04	-	\$31.68
Rubber tile	\$15.31	-	\$23.16
Terrazzo	\$25.64	-	\$32.07
Vinyl composition tile	\$3.85	-	\$8.17
Vinyl sheeting	\$6.89	-	\$8.03
Vinyl tile - solid	\$7.04	-	\$9.60
Wood flooring			
Douglas fir			
1" x 4" flat grain T & G	\$12.69	-	\$13.46
1" x 4" vertical grain T & G	\$13.46	-	\$14.96
Oak			
5/16" x 1 1/2" square edge #. 2 common	\$16.84	-	\$17.82
5/16" x 1 1/2" square edge #. 1 common	\$18.06	-	\$19.35
1/2" x 2" T & G #. 2 common	\$18.39	-	\$19.81
1/2" x 2" T & G #. 1 common	\$20.88	-	\$21.82
1/2" x 2" T & G select	\$20.90	-	\$21.86
1/2" x 2" T & G clear	\$21.31	-	\$22.31
13/16" x 2 1/4" T & G #. 2 common	\$21.60	-	\$22.14
13/16" x 2 1/4" T & G #. 1 common	\$21.93	-	\$22.40
13/16" x 2 1/4" T & G select	\$21.82	-	\$22.75
13/16" x 2 1/4" T & G clear	\$22.75	-	\$24.20
13/16" x 2 1/4" T & G select quartered	\$23.24	-	\$25.16
Oak parquetry			
5/16" #. 1 common set in mastic	\$19.22	-	\$20.33
3/16" clear plain	\$20.05	-	\$21.34
Oak random plank			
5/16" beveled edge	\$18.19	-	\$19.26
3/16" T & G	\$21.42	-	\$22.50
Maple			
13/16" x 2 1/4" T & G	\$22.86	-	\$29.04

IN-PLACE COSTS

FLOOR BASE

<u>Size and Type</u>	<u>Cost Per Linear Foot</u>		
Epoxy cover base (2 1/2" to 6")	\$14.33	-	\$16.60
Rubber (4" to 6")	\$5.51	-	\$6.67
Wood (pine) (2 1/2" to 6")	\$6.15	-	\$7.68
Wood (hardwood) (2" to 6")	\$9.70	-	\$10.18
Terrazzo	\$17.04	-	\$21.02
Vinyl (2 1/2" to 4")	\$3.11	-	\$4.11

INTERIOR WALL LINING

<u>Size and Type</u>	<u>Cost Per Square Foot of Wall Area</u>		
Drywall			
1/2" taped and sanded	\$2.74	-	\$3.09
5/8" taped and sanded	\$2.89	-	\$3.22
1/2" taped, textured and painted	\$3.77	-	\$4.55
5/8" taped, textured and painted	\$4.14	-	\$1.53
1/2" taped, stippled and enameled	\$4.83	-	\$5.58
5/8" taped, stippled and enameled	\$5.23	-	\$5.95
Hardboard			
1/8"	\$4.36	-	\$5.10
1/4"	\$5.10	-	\$5.47
1/8" plastic coated with metal trim	\$11.81	-	\$15.41
1/4" plastic coated with metal trim	\$13.57	-	\$17.35
1/4" wood grain finish	\$6.02	-	\$9.16
Lath			
Gypsum lath	\$2.29	-	\$2.94
Metal lath	\$3.09	-	\$3.56
Plaster			
2 coats, no lath	\$7.35	-	\$9.19
3 coats, no lath	\$9.19	-	\$11.01
Plywood paneling (hardwood)			
1/4" prefinished	\$8.71	-	\$13.52
1/4" unfinished	\$7.46	-	\$12.67
7/16" prefinished	\$12.67	-	\$20.37
3/4" unfinished	\$13.52	-	\$17.27
Tile			
Ceramic	\$20.28	-	\$26.39
Plastic	\$15.04	-	\$18.80
Tile board or marlite, metal trim	\$14.26	-	\$17.71
Terrazzo	\$35.77	-	\$44.89
Wallpaper - Standard	\$2.32	-	\$5.05
Wood Paneling			
Knotty Pine	\$8.12	-	\$9.00
Red Cedar	\$9.36	-	\$11.41
Redwood	\$9.36	-	\$11.41

IN-PLACE COSTS

CEILING FINISH

<u>Size and Type</u>	<u>Cost Per Square Foot</u>		
Drywall			
1/2" taped and sanded	\$2.78	-	\$3.16
5/8" taped and sanded	\$2.94	-	\$3.49
1/2" taped, textured and painted	\$3.85	-	\$4.30
5/8" taped, textured and painted	\$4.25	-	\$5.42
1/2" taped, stippled and enameled	\$4.96	-	\$5.53
5/8" taped, stippled and enameled	\$5.30	-	\$5.70
1/2" taped with acoustical texture	\$3.63	-	\$4.49
5/8" taped with acoustical texture	\$3.89	-	\$4.79
Lath			
Gypsum lath	\$2.10	-	\$2.38
Metal lath	\$2.57	-	\$2.92
Plaster			
2 coats, no lath	\$7.00	-	\$8.23
3 coats, no lath	\$7.33	-	\$8.99
3 coats, suspended on metal lath	\$12.33	-	\$13.13
1/2" acoustical plaster, no lath	\$10.88	-	\$11.57
Acoustical tile			
Stapled to furring strips (not including strips)			
3/4" x 12" x 12"	\$5.54	-	\$7.27
Suspended in "T" bar grid (including cost of grid)			
1/2" x 24" x 48"	\$5.67	-	\$7.43
1/2" x 24" x 24"	\$5.91	-	\$8.15
1/2" x 24" x 24" vinyl coated	\$7.90	-	\$9.66
Suspended in concealed "Z" bar-type grid (including cost of grid)			
3/4" x 12" x 12"	\$8.03	-	\$10.08
3/4" x 12" x 12" vinyl coated	\$8.90	-	\$10.67
Suspended on 1/2" drywall (including grid and drywall)			
3/4" x 12" x 12"	\$10.08	-	\$11.57

EXTERIOR PAINTING

<u>Type</u>	<u>Cost Per Square Foot of Residence</u>		
Latex, 1 coat	\$1.76	-	\$2.07
Oil base, 2 coats	\$2.95	-	\$3.30
Oil base, 3 coats	\$3.66	-	\$3.94
Spray painting, 2 coats	\$3.30	-	\$3.66
Stain, 1 coat and sealer	\$2.17	-	\$2.50
Stucco wash, 1 coat	\$1.71	-	\$2.04
Stucco wash, 2 coats	\$2.04	-	\$2.37
Vinyl on stucco, 2 coats	\$2.78	-	\$3.19

IN-PLACE COSTS

INTERIOR DECORATING

<u>Type</u>	<u>Cost Per Square Foot of Residence</u>		
Painting			
On drywall or plaster			
Primer and 1 coat flat	\$4.07	-	\$4.55
Primer and 2 coats flat	\$5.80	-	\$6.81
Primer and 1 coat enamel	\$4.07	-	\$4.55
Primer and 2 coats enamel	\$5.80	-	\$6.81
Wood work			
Primer and 1 coat enamel	\$5.80	-	\$6.81
Primer and 2 coats enamel	\$6.81	-	\$8.12
Masonry			
Primer and 1 coat latex	\$5.23	-	\$5.80
Primer and 2 coats latex	\$6.22	-	\$6.81
Wall covering			
Aluminum foil	\$19.33	-	\$21.99
Paper	\$14.61	-	\$16.50
Vinyl wall cover	\$11.21	-	\$14.85

TRIM PAINTING

<u>Type</u>	<u>Cost Per Linear Foot</u>		
Exterior trim to 6", 2 coats	\$2.10	-	\$2.39
Interior trim			
Primer and 1 coat enamel	\$1.30	-	\$1.60
Primer and 2 coats enamel	\$1.91	-	\$2.28

DOORS

<u>Size and Type</u>	<u>Cost Per Door</u>		
Exterior doors			
Colonial 1 3/4" fir	\$631	-	\$736
Dutch door 1 3/4" fir	\$923	-	\$1,081
French doors	\$825	-	\$923
Solid core slab single door	\$701	-	\$736
Solid core slab double door	\$631	-	\$701
Hardwood door	\$1,081	-	Up
Includes frame, trim, threshold, and hardware			
Garage doors - Overhead type			
8' x 7' all aluminum	\$1,863	-	\$2,185
16' x 7' all aluminum	\$2,317	-	\$3,087
8' x 7' aluminum - wood frame	\$864	-	\$1,069
16' x 7' aluminum - wood frame	\$1,642	-	\$1,849
8' x 7' plywood	\$1,069	-	\$1,151
16' x 7' plywood	\$1,960	-	\$2,291
18' x 7' plywood	\$1,770	-	\$1,931

IN-PLACE COSTS

DOORS (Contd.)

<u>Size and Type</u>	<u>Cost Per Door</u>		
Sectional roll up			
8' x 7' aluminum	\$4,206	-	\$4,484
16' x 7' aluminum	\$4,755	-	\$4,939
8' x 7' fiberglass on aluminum frame	\$4,206	-	\$4,408
16' x 7' fiberglass on aluminum frame	\$4,462	-	\$4,720
8' x 7' steel	\$3,840	-	\$4,206
16' x 7' steel	\$4,939	-	\$5,123
Interior doors			
Hollow core slab doors	\$506	-	\$572
Solid core slab doors	\$572	-	\$644
Panel doors - flat panel	\$506	-	\$572
Panel doors - raised panel	\$572	-	\$644
Includes frame, trim, and hardware			
Sliding glass doors			
6' x 6'8" aluminum	\$824	-	\$934
8' x 6'8" aluminum	\$922	-	\$1,192
12' x 6'8" aluminum	\$1,702	-	\$1,815
Mirrored wardrobe closet doors	\$389	-	\$458
French pantry door	\$812	-	\$922

WINDOWS

<u>Type</u>	<u>Cost Per Window</u>		
Aluminum	\$1,005	-	\$1,493
Steel	\$1,099	-	\$1,572
Wood	\$866	-	\$1,258
Decorative glass block (per square foot)	\$107	-	\$141

CABINETS

<u>Type</u>	<u>Cost Per Linear Foot</u>								
			<u>Painted Fir</u>			<u>Low Cost Veneer</u>		<u>Good Hard- wood Veneer</u>	
Base cabinet	\$208.22	-	\$223.69	\$188.90	-	\$215.97	\$215.97	-	\$269.93
Upper cabinet	\$150.39	-	\$188.90	\$138.80	-	\$161.98	\$188.90	-	\$215.97
Full height	\$323.91	-	\$385.61	\$289.21	-	\$362.48	\$347.03	-	\$420.33
Bath pullman	\$158.09	-	\$223.69						
Open shelving	\$10.01	-	\$13.50						
Melamine Interiors							\$157.06	-	\$209.41
							<u>Cost Each</u>		
Wood entertainment center						\$3,265	-		\$7,424
							<u>Cost Per Linear Foot</u>		
<u>Counter Tops Including Splash</u>									
Ceramic tile						\$132.15	-		\$148.45
Plastic laminate						\$92.55	-		\$106.71
Imitation marble						\$121.48	-		\$147.71
Granite						\$378.61	-		\$504.79
Concrete						\$146.55	-		\$353.36
Kitchen Corian®						\$290.27	-		\$353.36
Butcher block						\$151.45	-		\$252.40

IN-PLACE COSTS

ELECTRICAL

<u>Type</u>	<u>Cost Per Outlet</u>		
110 volt average Romex® or sheathed wiring	\$103	-	\$129
110 volt average conduit	\$152	-	\$195
220 volt wiring for range and oven	\$645	-	\$763
220 volt wiring for dryer	\$645	-	\$763

PLUMBING

<u>Type</u>	<u>Cost Per Fixture</u>		
Bathtubs	\$1,541	-	\$3,566
Laundry trays	\$1,453	-	\$2,570
Sinks	\$811	-	\$1,757
Service sinks	\$1,462	-	\$1,946
Shower stall	\$1,620	-	\$2,270
Tile shower stall	\$1,786	-	\$3,397
Urinals	\$1,214	-	\$1,462
Toilets	\$1,133	-	\$2,591

All fixture costs include the cost of rough plumbing.

LIGHTING

	<u>Cost Per Fixture</u>		
Track lights, 4 foot	\$706	-	\$902
Track lights, 8 foot	\$966	-	\$1,221
Recessed can	\$261	-	\$321
Recessed mini can	\$321	-	\$386
Eyeball spot light	\$321	-	\$386

FANS

	<u>Cost Per Fixture</u>		
Ceiling fans	\$575	-	\$1,912

ENERGY REQUIREMENTS MANDATED BY TITLE 24 (AB 970, 2001)

	<u>Cost</u>	<u>Climate Zones *</u>
Radiant barrier	\$759	2, 4, 7-15
Spectrally selective glass	\$1,009	2, 4, 8-15
Duct sealing with testing	\$442 - \$759	All
Thermostatic expansion valves (TXV)	\$130	2, 8-15

Adds approximately **\$2,782** for a typical 2,000 square foot residence for Climate Zones 2 and 8-15.
Climate zones 1,3, 5, and 6 only require duct sealing.

* See section AH 531A, Appendix A, page 136 for information on the California Climate Zones.

AH 531.70 DEPRECIATION TABLES

AVERAGE LIFE TABLES FOR BUILDINGS

Type of Schedule and Average Life		Classification					
Construction Type	Use Type	5	6	7	8	9	10
C	Multiple Residence ²	50	55	55	60	60	60
C	Single-Family Residence ³	55	60	60	60	60	60
D	Multiple Residence ¹	50	55	55	60	60	60
D	Single-Family Residence ²	55	60	60	60	60	60

Average life assumes normal maintenance, but no functional obsolescence due to poor design.

When a decimal classification is used, apply the average life for the nearest whole classification. When a half-classification (for example, 7.5) is used, raise to the next higher classification (that is, 8) for selection of the average life.

² This table is applicable to residential buildings of more than two living units each.

³ This table is applicable to residential buildings of one or two living units each.

DEPRECIATION

NORMAL PERCENT GOOD TABLES - RESIDENTIAL BUILDINGS

Age Years	20 Year Avg. Life		25 Year Avg. Life		30 Year Avg. Life		40 Year Avg. Life	
	Rem Life Years	Percent Good	Rem Life Years	Percent Good	Rem Life Years	Percent Good	Rem Life Years	Percent Good
0	20	100	25	100	30	100	40	100
1	19	94	24	95	29	96	39	98
2	18	88	23	90	28	93	38	96
3	17	81	22	86	27	89	37	94
4	16	75	21	81	26	86	36	92
5	15	69	20	77	25	82	35	90
6	14	63	19	72	24	79	34	87
7	13	59	18	68	23	75	33	84
8	12	57	17	63	22	71	32	82
9	11	55	16	60	21	67	31	80
10	11	53	16	58	20	64	30	77
11	10	50	15	56	19	60	29	74
12	9	48	14	54	19	59	28	72
13	8	46	13	53	18	57	27	70
14	7	44	12	51	17	56	27	67
15	7	42	11	49	16	54	26	65
16	6	40	11	48	15	53	25	62
17	5	38	10	46	14	52	24	60
18	5	36	9	44	13	50	23	59
19	4	33	8	43	13	49	22	58
20	4	31	7	41	12	47	21	56
21	3	29	7	39	11	46	21	55
22	3	27	6	37	11	44	20	54
23	3	25	6	35	10	43	19	53
24	3	23	5	34	9	42	18	52
25	2	21	5	32	9	40	17	51
26	2	19	4	30	8	39	17	50
27	2	16	4	29	7	37	16	49
28	2	14	4	27	7	36	15	48
29	2	12	3	25	6	34	14	47
30	1	10	3	24	6	33	14	46
31			3	22	5	31	13	45
32			3	20	5	30	12	44
33			2	18	5	29	12	43
34			2	17	4	27	11	42
35			2	15	4	26	11	41
36			2	13	4	24	10	40
38			1	10	3	21	9	38
40					2	19	7	35
42					2	16	6	33
46					1	10	5	29
50							4	25
55							3	20
60							2	14
65							1	10

DEPRECIATION

NORMAL PERCENT GOOD TABLES - RESIDENTIAL BUILDINGS

Age Years	45 Year Avg. Life		50 Year Avg. Life		55 Year Avg. Life		60 Year Avg. Life	
	Rem Life Years	Percent Good	Rem Life Years	Percent Good	Rem Life Years	Percent Good	Rem Life Years	Percent Good
0	45	100	50	100	55	100	60	100
2	43	97	48	97	53	98	58	98
4	41	93	46	94	51	96	56	96
6	39	89	44	91	49	94	54	94
8	47	85	42	88	47	91	52	92
10	35	81	40	85	45	88	50	90
12	33	77	38	82	43	85	48	88
14	32	73	36	78	41	82	46	86
16	30	69	35	74	40	79	45	83
18	28	65	33	70	38	76	43	80
20	26	60	31	67	36	73	41	77
22	24	58	29	63	34	69	39	74
24	23	56	28	60	32	65	37	71
26	22	54	26	58	31	62	35	68
28	20	52	24	56	29	60	34	65
30	18	50	23	54	27	58	32	63
32	17	48	21	53	26	56	30	60
34	15	47	20	41	24	55	29	58
36	14	45	18	49	23	53	27	57
38	12	43	17	48	21	51	26	55
40	11	41	16	45	20	50	24	54
42	10	39	14	44	19	48	23	52
44	9	37	13	42	17	46	21	51
46	8	35	12	40	16	45	20	49
48	7	33	11	38	15	43	19	47
50	6	31	10	37	14	41	18	46
52	5	29	9	35	12	40	16	44
54	5	28	8	33	11	38	15	43
56	4	26	7	31	10	36	14	41
58	4	24	6	30	9	35	13	40
60	3	22	5	28	8	33	12	38
62	3	20	4	26	7	31	11	37
64	3	18	4	24	6	30	10	35
66	2	16	3	22	5	28	9	33
68	2	14	3	21	5	27	8	32
70	2	12	3	19	4	25	7	30
72	1	10	2	17	4	23	6	29
76			2	14	3	20	6	26
80			1	10	2	17	5	23
84					1	10	3	16
96							2	10

AH 531.80: COMPACT COSTS

Compact costs do not apply to *Mountain Residences* due to the nature of building in mountainous areas, which requires more individual analysis of elements, such as construction site slope and construction materials, among others.

PROCEDURE

Cost estimates are made by selecting a proper square-foot cost from a table and multiplying it by the living area of the building. If the building has air conditioning and/or fire sprinklers, a square-foot cost is added to the basic square-foot cost. If a garage is present, a lump sum amount for a single, double, triple, or other size garage is added.

Following is an example of a cost estimate made using the standard cost tables and a cost estimate using compact costs.

STANDARD COST TABLES

Residence D7C (Post- 1990 Modern Type)	2,200 sq. ft.	x	\$182.44	=	\$401,368
Concrete Covered Porch (1/3)	56 sq. ft.	x	\$60.81	=	\$3,405
Forced Air Heating and Cooling (Overhead Outlets)	2,200 sq. ft.	x	\$9.59	=	\$21,098
Garage (Attached)	440 sq. ft.	x	\$60.08	=	\$26,435
Wood Covered Concrete Patio	300 sq. ft.	x	\$41.84	=	\$12,552
Fence (1" x 4" Redwood)	130 lin. ft.	x	\$42.06	=	\$5,468
Concrete Flatwork	1,000 sq. ft.	x	\$9.19	=	<u>\$9,190</u>
RCN					\$479,516

COMPACT COST METHOD

Residence D7	\$192.12
A-C (cool only)	\$7.51
Fire Sprinkler System	<u>\$6.48</u>
Residence	2,200 sq. ft. x \$206.11 = \$453,442
Garage, Double	<u>\$32,111</u>
RCN	\$485,553

Extra items, such as swimming pools, septic systems, or pressure systems, should be added to the cost estimate.

ADDITIONS

Additions can be cost estimated using a compact square foot cost based upon the quality class of the addition and the total area of the original house plus the addition. The square foot cost is applied to the addition area only.

If the addition has built-ins, plumbing fixtures, cabinets, or other additives that were not included in the original structure, the cost of the additives should be added by appropriately increasing the quality class of the addition.

The cost of the addition is then adjusted for location by using the Single-Family Residential Map in AH 531.

Example:

Assume an original 1,200 square foot, D7.0, air conditioned residence with a two-car garage in Mendocino County that was built and first sold in 1996.

On January 1, 2026, a 400 square foot addition with a quality class of D7.0 is built. The RCN of the addition is computed as follows:

Total Area for Modification			
Original Residence	=	1,200 sq. ft.	
Addition	=	<u>400</u> sq. ft.	
Total Square Feet	=	1,600 sq. ft.	

COMPACT COSTS

Addition	400 sq. ft.	x	\$202.91	=	\$81,164
Air Conditioning	400 sq. ft.	x	\$7.51	=	\$3,004
Fire Sprinklers	400 sq. ft.	x	\$6.48	=	<u>\$2,592</u>
Total RCN January 1, 2026					\$86,760
Location Adjustment					<u>1.15</u>
RCN Addition					\$99,774

All quality class building specifications, information, and photographs are published in AH 531A, located on the [BOE website](#).

COMPACT COSTS

All square-foot costs include typical porches, yard improvements, and heating systems. Air conditioning systems and garages are to be added. Built-ins, plumbing fixtures, and fireplaces may be included as per building quality class specifications.

SINGLE-FAMILY RESIDENCES

	<u>Residence</u>	<u>Garage</u>
D1	67.06	22.10
D1.5	73.35	30.51
D2	87.05	39.62
D3	93.92	41.65
D3.5	101.02	44.47

	<u>Square-Foot Area</u>									
<u>Class</u>	<u>500</u>	<u>600</u>	<u>700</u>	<u>800</u>	<u>900</u>	<u>1,000</u>	<u>1,100</u>	<u>1,200</u>	<u>1,300</u>	<u>1,400</u>
D4	139.57	131.64	128.27	120.10	116.08	112.80	110.00	107.91	105.42	102.99
D4.5	153.90	144.77	138.36	132.26	127.69	124.95	120.10	118.87	115.20	113.05
Add:	\$6.29 per square foot for central air conditioning, \$5.02 per square foot for fire sprinklers, \$45.46 per square foot for garage area, or \$9,956 single, \$20,059 double, or \$27,086 triple garage. Fireplace not included.									

	<u>Square-Foot Area</u>									
<u>Class</u>	<u>800</u>	<u>900</u>	<u>1,000</u>	<u>1,100</u>	<u>1,200</u>	<u>1,300</u>	<u>1,400</u>	<u>1,500</u>	<u>1,600</u>	<u>1,700</u>
D5	154.83	149.00	145.04	141.09	136.53	134.68	132.26	129.20	127.99	126.48
D5.5	169.74	164.25	159.09	154.50	150.85	147.83	145.33	142.94	140.18	138.36
Add:	\$6.29 per square foot for central air conditioning, \$5.02 per square foot for fire sprinklers, \$53.11 per square foot for garage area, or \$11,859 single, \$23,133 double, or \$31,479 triple garage. Fireplace not included.									

	<u>Square-Foot Area</u>									
<u>Class</u>	<u>900</u>	<u>1,000</u>	<u>1,100</u>	<u>1,200</u>	<u>1,300</u>	<u>1,400</u>	<u>1,500</u>	<u>1,600</u>	<u>1,700</u>	<u>1,800</u>
D6	191.10	185.31	185.31	180.11	173.13	168.89	167.01	163.98	162.17	159.42
D6.5	210.91	210.91	205.75	200.26	190.78	190.55	184.99	182.24	179.85	175.55
<u>Class</u>	<u>2,000</u>	<u>2,200</u>	<u>2,400</u>	<u>2,600</u>	<u>2,800</u>	<u>3,000</u>	<u>3,200</u>	<u>3,400</u>	<u>3,800</u>	<u>4,200</u>
D6	152.52	149.25	146.71	144.21	141.72	—	—	—	—	—
D6.5	167.62	164.47	161.59	158.46	155.72	152.68	147.73	146.76	142.51	136.75
Add:	\$7.14 per square foot for central air conditioning, \$5.76 per square foot for fire sprinklers, \$64.56 per square foot for garage area, or \$14,202 single, \$28,403 double, or \$38,506 triple garage. Fireplace not included.									

COMPACT COSTS

SINGLE-FAMILY RESIDENCES (Contd.)

Square-Foot Area

<u>Class</u>	<u>1,500</u>	<u>1,600</u>	<u>1,700</u>	<u>1,800</u>	<u>2,000</u>	<u>2,200</u>	<u>2,400</u>	<u>2,600</u>	<u>2,800</u>	<u>3,000</u>
D7	205.90	202.91	200.21	197.81	194.53	192.12	188.71	186.01	183.32	181.53
D7.5	245.27	240.68	235.82	231.87	228.18	224.80	222.07	219.94	218.39	217.18

<u>Class</u>	<u>3,400</u>	<u>3,800</u>	<u>4,200</u>	<u>4,600</u>	<u>5,000</u>
D7	177.69	172.00	165.04	158.12	151.09
D7.5	211.53	204.73	196.48	188.23	179.88

Add: \$7.51 per square foot for central air conditioning, \$6.48 per square foot for fire sprinklers, \$77.41 per square foot for garage area, or \$17,150 single, \$32,111 double, or \$46,120 triple garage. Fireplace is included in D7 and D7.5 costs.

Square-Foot Area										
<u>Class</u>	<u>1,800</u>	<u>2,000</u>	<u>2,200</u>	<u>2,400</u>	<u>2,600</u>	<u>2,800</u>	<u>3,000</u>	<u>3,200</u>	<u>3,600</u>	<u>4,000</u>
D8	280.51	275.61	271.00	267.95	263.67	260.92	257.88	255.42	252.97	250.56
D8.5	367.85	354.60	343.00	337.16	332.68	328.49	324.95	321.04	318.48	316.22
<u>Class</u>	<u>4,400</u>	<u>4,800</u>	<u>5,200</u>	<u>5,600</u>	<u>6,000</u>					
D8	249.63	244.56	237.81	229.35	219.42					
D8.5	312.05	305.67	297.22	286.66	274.32					
Add:	\$8.64 per square foot for central air conditioning, \$7.24 per square foot for fire sprinklers, \$95.02 per square foot for garage area, or \$20,776 single, \$41,551 double, or \$56,265 triple garage. Fireplace is included in D8 and D8.5 costs.									