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Construction Cost Estimates for Underground Parking Garage in Palo Alto, California

The following analysis estimates the cost to build an **underground parking garage** for Palo Alto, California. Costs are derived from a building model that assumes basic components, using union labor for a 100000 square foot building.

Scope differences and market conditions can cause costs to vary significantly. To see an estimate of the costs to build an underground parking garage in a different city or metropolitan area, go to our [index of underground parking garage models by state](#).

Assumes BOTH levels below ground with no unusual underground environmental problems. A single parking space is burdened with its share of “non-usable space” and 330 sf per parking space is a good rule-of-thumb for estimating the number of parking spaces in any size parking structure. (It might be a bit more for underground structures depending on the design.) So this 2-level garage would provide $100,000/330 = 303$ parking spaces.

The cost per parking space in this model is $\$8.7M/303 = \$28,700$ (assumes union labor)

If 2015 is 30% higher then the cost per parking space would be $\$37,300$ and future costs would be higher if the economy remains strong. Note that the 30% rise may still be low.

Premium for underground is $\$37,300 - \$31,700 = \$5600$ per parking space or 18%

Underground Parking Structure Costs Estimates for Palo Alto California
<http://www.rsmeans.com/Square-Foot-Cost-Estimates/>

Underground Parking Garage Construction Cost Assumptions

Location:	Palo Alto, California
Stories:	2
Story Height (L.F.):	10.00
Floor Area (S.F.):	100000
Basement Included:	No
Data Release:	Year 2013

UNDERGROUND PARKING GARAGE SQUARE FOOT COST ASSUMING REINFORCED CONCRETE / R/CONC. FRAME

Cost Estimate (Union Labor)	% of Total	Cost Per SF	Cost
Total		\$65.13	\$6,512,600
Contractor Fees (GC,Overhead,Profit)	25%	\$16.28	\$1,628,200
Architectural Fees	7%	\$5.70	\$569,900
Total Building Cost		\$87.11	\$8,710,600

Cost Estimate (Open Shop)	% of Total	Cost Per SF	Cost
Total		\$58.19	\$5,819,100
Contractor Fees (GC,Overhead,Profit)	25%	\$14.55	\$1,454,800
Architectural Fees	7%	\$5.09	\$509,200
Total Building Cost		\$77.83	\$7,783,000