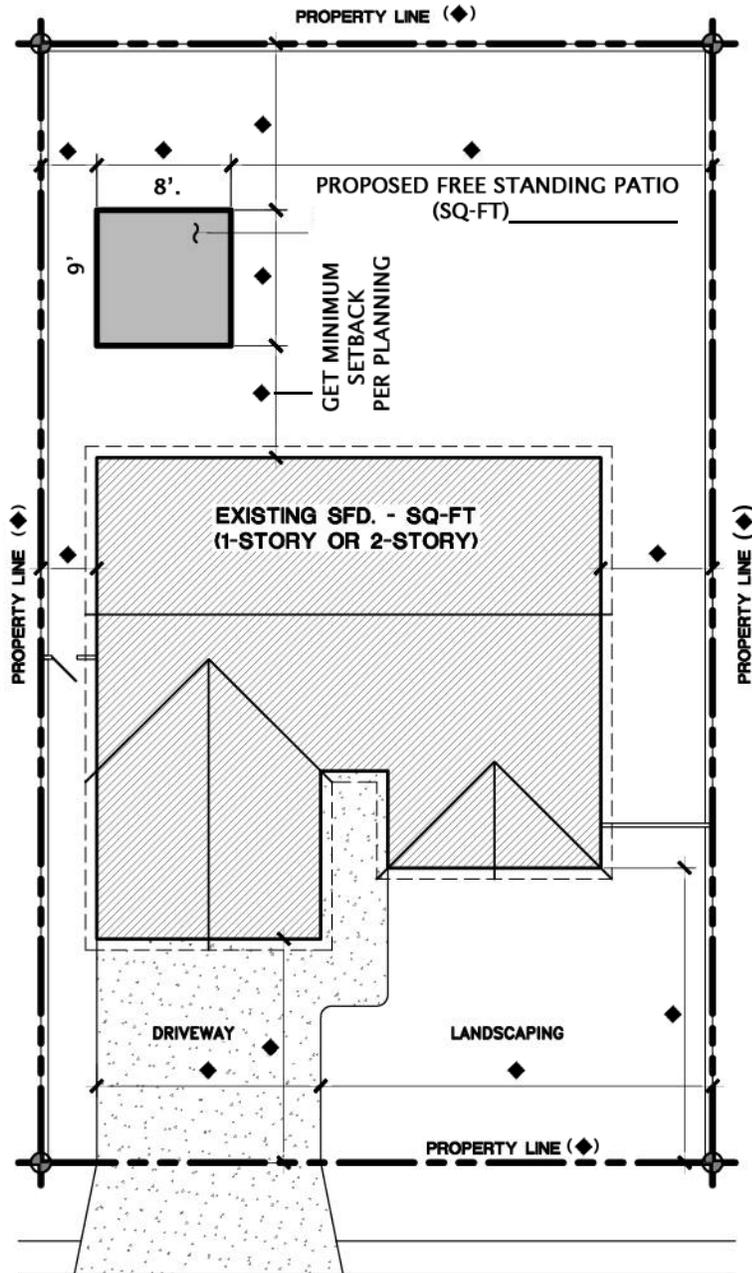


SAMPLE PLOT PLAN, FREE STANDING PATIO 44

◆ DIMENSION NOTES:
SHOW ALL EXISTING STRUCTURES INCLUDING THEIR DIMENSIONS & SQUARE FOOTAGE.

LOT COVERAGE	
HOUSE	_____
GARAGE	_____
ADDITION	_____
PATIOS	_____
OTHER	_____
TOTAL /	_____
LOT SIZE	_____
Coverage Percentage	_____%



STREET NAME: _____

SAMPLE PLOT PLAN

DRAW TO SCALE --- EXAMPLE ---



POINT ARROW TO NORTH

SITE ADDRESS _____



CITY OF UPLAND, BUILDING AND SAFETY

Building Division, City of Upland, 460 North Euclid Avenue, Upland, CA 91786 (909) 931-4110



CITY OF UPLAND FREE STANDING PATIO COVER

Building Division, City of Upland, 460 North Euclid Avenue, Upland, CA 91786 (909) 931-4110

GENERAL NOTES:

NOT APPLICABLE FOR TILE ROOF

1. ALL CONSTRUCTION AND QUALITY OF MATERIALS SHALL CONFORM TO THE 2010 CRC.
2. ALL MATERIAL FROM FOOTING EXCAVATION TO BE REMOVED AND SHOULD NOT BE USED UNDER THE SLAB ON GRADE.
3. ANCHOR BOLTS, DOWELS, INSERTS, ETC., SHALL BE SECURELY TIED IN PLACE PRIOR TO POURING CONCRETE.
4. FULLY DIMENSIONED PLOT PLAN SHOWING EXISTING BUILDING MUST BE PROVIDED.
5. SIDE OF RAFTER, BEAM, POST AND FOOTING SHALL BE DETERMINED BY THE DEPARTMENT BY THE INFORMATION ON PLOT PLAN.

STRUCTURAL NOTES:

CONCRETE:

1. ULTIMATE COMPRESSIVE STRENGTH OF CONCRETE @ 28 DAYS SHALL BE 2500 psi. CONCRET SHALL BE A 5 SACK READY - MIX OR MACHINE MIXED WITH 1 PART CEMENT, 1 PART SAND AND NOT MORE THAN 4 PARTS 3/4" GRAVEL. WATER CONTENT SHALL NOT EXCEED 7.5 GALLONS PER SACK OF CEMENT.

2. ALL REINFORCING STEEL TO CONFORM TO ASTM A-615 GRADE 40.

LUMBER:

1. ALL STRUCTURAL LUMBER TO BE DOUGLAS FIR - LARCH OR REDWOOD (ROUGH SAWN OR S4S):
 - A. GRADE #2 OR BETTER FOR ALL 2x JOISTS/ RAFTERS/ LEDGERS.
 - B. GRADE #1 OR BETTER FOR 4x OR LARGER BEAMS AND POSTS.
 - C. CONSTRUCTION GRADE OR BETTER FOR STUDS, PLATES, SILLS & BLOCKINGS.

2. WOOD USED IN CONSTRUCTION OF PERMANENT STRUCTURE AND LOCATED NEAR THAN 6" TO EARTH SHALL BE TREATED WOOD OR REDWOOD.

HARDWARE:

1. BOLT HOLES SHALL BE DRILLED OR PUNCHED. SIZE HOLES 1/16" (MAX) LARGER IN DIAMETER THAN THE NOMINAL SIZE OF BOLT USED.
2. ALL HARDWARE CONNECTORS (NAILS, BOLTS, ETC.) EXPOSED TO WEATHER SHALL BE OF GALVANIZED.
3. A METAL PLATE, METAL STRAP OR WASHER NOT LESS THAN STANDARD CUT WASHER SHALL BE BETWEEN THE WOOD AND BOLTS HEAD AND BETWEEN THE WOOD AND THE NUT.

TABLE 1 - RAFTER SCHEDULE

SIDE	SPACING	MAX. SPAN	REMARK
2x6	24" O.C.	11' - 9"	
	16" O.C.	14' - 4"	
2x8	24" O.C.	14' - 10"	
	16" O.C.	18' - 2"	
	12" O.C.	21' - 0"	

TABLE 2 - BEAM SCHEDULE

RAFTER LENGTH	BEAM LENGTH						
	8'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	20'-0"
8'-0"	(2)-2x8	(2)-2x8	(2)-2x8	(2)-2x8	(2)-2x10	(2)-2x10	(2)-2x10
10'-0"	(2)-2x8	(2)-2x8	(2)-2x8	(2)-2x10	(2)-2x10	(2)-2x12	(2)-2x12
12'-0"	(2)-2x8	(2)-2x8	(2)-2x8	(2)-2x10	(2)-2x10	(2)-2x12	(2)-2x12
14'-0"	(2)-2x8	(2)-2x8	(2)-2x10	(2)-2x10	(2)-2x12	(2)-2x12	(2)-3x12
16'-0"	(2)-2x8	(2)-2x8	(2)-2x10	(2)-2x10	(2)-2x12	(2)-3x12	(2)-3x12
18'-0"	(2)-2x8	(2)-2x8	(2)-2x10	(2)-2x12	(2)-3x12	(2)-3x12	(2)-3x12
20'-0"	(2)-2x10	(2)-2x8	(2)-2x10	(2)-2x12	(2)-3x12	(2)-3x12	(2)-3x12

TABLE 3 - POST/ FTG. SCHEDULE

	PATIO SIZE (sf)		
	UP TO 140	320	400
POST & KNEE BRACE	4x4	6x6	6x6
FOOTING (2)	12x12	14x14	16x16
			HOW DEEP

NOTES:

1. PROVIDED 12" MIN. DEPTH BELOW UNDISTURBED GROUND SURFACE