

TABLE 4.5-5: NOISE/LAND USE COMPATIBILITY CHART						
Land Use Category	Community Noise Exposure - L_{dn} or CNEL (dBA)					
	55	60	65	70	75	80
Residential - Low Density Single-Family, Duplex, Mobile Homes	[Solid Gray]					
		[Solid Gray]		[Hatched]		
				[Solid Black]		
Residential - Multi-Family	[Solid Gray]					
		[Solid Gray]		[Hatched]		
					[Solid Black]	
Transient Lodging - Motels Hotels	[Solid Gray]					
		[Solid Gray]		[Hatched]	[Hatched]	
						[Solid Black]
Schools, Libraries, Churches, Hospitals, Nursing Homes	[Solid Gray]					
		[Solid Gray]		[Hatched]	[Hatched]	
						[Solid Black]
Auditoriums, Concert Halls, Amphitheaters	[Solid Gray]					
			[Solid Gray]	[Solid Black]	[Solid Black]	[Solid Black]
Sports Arena, Outdoor Spectator Sports	[Solid Gray]					
				[Solid Black]	[Solid Black]	[Solid Black]
Playgrounds, Neighborhood Parks	[Solid Gray]					
				[Hatched]		
						[Solid Black]
Golf Courses, Riding Stables, Water Recreation, Cemeteries	[Solid Gray]					
				[Hatched]	[Hatched]	
						[Solid Black]
Office Buildings, Business Commercial and Professional	[Solid Gray]					
				[Solid Gray]	[Hatched]	[Hatched]
Industrial, Manufacturing, Utilities, Agriculture	[Solid Gray]					
				[Solid Gray]	[Hatched]	[Hatched]

Normally Acceptable - Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction without any special noise insulation requirements.

Conditionally Acceptable - New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction, but with closed windows and fresh air supply system or air conditionally will normally suffice.

Normally Unacceptable - New construction or development should generally be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.

Clearly Unacceptable - New construction or development should generally not be undertaken.

SOURCE: California Office of Noise Control, Department of Health Services, 1990.