Landscape Calculations Worksheet For Your Use

Area Calculated	Calculations	Min. Requirements	Proposed
STREET LANDSCAPE BORDER	Whichever is smaller 10' or 10% of lot depth. Formula; (Required area)/500 = number of plants required for area **1 deciduous tree and 5 shrubs** (Required area)/500 = (number of trees required for area) X 5 = number of shrubs required for area **1 deciduous tree and 1 evergreen tree** (Required area)/500 = (number of trees required for area)/2 = number of deciduous and evergreen trees required for area **1.5 deciduous tree for every 500 square feet of required area** (Required area)/500 X 1.5 = number of trees required for area Section 14		
STREET YARD	25% of first 100.00' of street yard Formula; **1 deciduous tree and 5 shrubs** (Required area)/1,000 = (number of trees required for area) X 5 = number of shrubs required for area **1 deciduous tree and 1 evergreen tree** (Required area)/1,000 = (number of trees required for area)/2 = number of deciduous and evergreen trees required for area **1.5 deciduous tree for every 1,000 square feet of required area** (Required area)/1,000 X 1.5 = number of trees required for area Section 14		
PUBLIC ARTERIAL	1 Tree for every 50 linear feet. (L.F.)/50 = Total Number of trees needed At least 50% of all trees planted must be deciduous. Section 14		
PARKING FACILITY LANDSCAPING	10 Foot buffer along street property line. Requirements/Formula **1 deciduous tree and 5 shrubs** (Required area)/500 = (number of trees required for area) X 5 = number of shrubs required for area **1 deciduous tree and 1 evergreen tree** (Required area)/500 = (number of trees		

	required for area)/2 = number of deciduous and evergreen trees required for area **1.5 deciduous tree for every 500 square feet of required area** (Required area)/500 X 1.5 = number of trees required for area Section 14		
PARKING INTERIOR LANDSCAPING	5% of Parking Area (S.F. parking area)X.05=Total area that needs to be landscaped. Tree requirement:1 deciduous tree for every 20 spaces Section 14		
BUFFER YARD	See Table- 14.3, 1 deciduous tree and 2 evergreen trees for every 1,000 square feet of required area. Section 14		
TOTAL			