

ARCHITECTURAL SITE PLAN CALCULATIONS:

REQUIRED LANDSCAPE AREA

GROSS DEVELOPED AREA:	262,667	SF
BUILDINGS TOTAL FOOTPRINT:	5,925	SF
VEHICLE STORAGE AREA:	11,339	SF
* ROW LANDSCAPE:	<u>16,024</u>	SF
NET LOT AREA:	229,379	SF
CWBP 18% REQUIRED LANDSCAPING	41,288	SF
ALTERNATE LANDSCAPE ALLOWANCES:		
* 25% REDUCTION PERMEABLE MATERIAL	10,322	SF
* 10% RQD LANDSCAPE ADD ALLOWANCE	<u>4,128</u>	SF
TOTAL REQUIRED LANDSCAPE AREA	26,838	SF
75% MIN REQUIRED COVERAGE AREA	20,129	SF

PROVIDED LANDSCAPE AREA

Area 1	7,602	SF	Area 7	797	SF
Area 2	13,058	SF	Area 8	287	SF
Area 3	2,938	SF	Area 9	241	SF
Area 4	2,295	SF	Area 10	661	SF
Area 5	1,254	SF	Area 11	730	SF
Area 6	<u>2,554</u>	SF	Area 12	<u>1,528</u>	SF

TOTAL PROVIDED LANDSCAPE AREA 33,945 SF

LANDSCAPE COVERAGE: TREE LOCATIONS AND QUANTITIES FOR 75%

PLANT COVERAGE TREE QUANTITIES BY LOCATIONS:

	North	South	East	West	Interior	TTL
REDBUD	5	7	7	-	-	19
OAK	1	1	4	-	2	8
PINE	2	4	3	-	-	9
F-ELM	2	5	10	-	7	24
A-ELM	-	-	-	-	10	10
JUNIPER	2	4	5	10	-	21
TTL REQ/PROV	12	21	29	10	19	91

DECIDUOUS AND EVERGREEN TREES

STREET TREES:	REQUIRED
UNSER BOULEVARD: 720 LF @ 1/25 LF	= 29
SAUL BELL ROAD: 280 LF @ 1/25 LF	= 12
BLUEWATER ROAD: 520 LF @ 1/25 LF	= <u>21</u>
TOTAL TREES THIS AREA TYPE:	62
PROPERTY LINE TREES:	REQUIRED
LOT 5: 429 LF @ 1/80 LF	= 6
TRACT B: 300 LF @ 1/80 LF	= 4
TOTAL TREES THIS AREA TYPE:	<u>10</u>
PARKING AREA TREES:	
LOT 5 : 87 SP @ 1/10 ST	= 9
TRACT B: 659 SP @ 1/10 ST	= <u>66</u>
TOTAL TREES THIS AREA TYPE:	75
DECIDUOUS TREES PROVIDED:	61
EVERGREEN TREES PROVIDED:	30
	91

CANOPY COVERAGE:

	Area	Trees	
177 SF x	19		3,363 SF
2826 SF x	8		22,608 SF
490 SF x	9		4,410 SF
707 SF x	24		16,968 SF
1256 SF x	10		12,560 SF
28 SF x	21		588 SF
TTL CANOPY COVERAGE AREA PROVIDED			60,497 SF

25% Vegetative coverage Required: 5032

TTL VEGETATIVE COVERAGE AREA PROVIDED 5,856 SF

TTL OTHER COVERAGE AREA PROVIDED 37,700 SF

TOTAL LANDSCAPE COVERAGE AREA PROVIDED THIS PROJECT: 104,053 SF