



PRELIMINARY PLANT PALETTE

SYMBOL	BOTANICAL / COMMON NAME	SIZE / SPACING	COMMENTS
	AGAVE STRIPATA / SPOKED PALM / BLUE PALM VERDE	15 GAL.	SMALL ACCENT TREE
	PROSOPIS CHILENSIS / MESQUITE	24" BOX	PARKING LOT CANOPY TREE
	SPINUS MOLE / CALIFORNIA SPYER	15 GAL / 24" BOX	PERIMETER SCREENING TREE
	WASHINGTONIA ROBUSTA / MEXICAN PALM	12" H& 3/20"	ACCENT PALM
	EXISTING PALM	--	MEDIAN PLANTING
	EXISTING TREE SPECIES VARIETIES	--	ADJACENT PROPERTY PERIMETER
	SHRUBS & GROUNDCOVERS		
	ALOE STRIATA / CORAL ALOE	1 GAL. / 24" O.C.	
	BACCHARIS P. CENTENARIA / COYOTE BRUSH	1 GAL. / 36" O.C.	
	BOUTANICA LEA LA DOLLY / RED SHRUB BROOMWILLOW	5 GAL. / 60" O.C.	
	CASUALIA MEXICANA / RED SHRUBS OF PASADENA	1 GAL. / 36" O.C.	
	MULTIFLORA VIBURNUM / LANTANA N. COMETTI / LANTANA	1 GAL. / 36" O.C.	
	LEUCOPHYLLUM F. GREEN CLAUDY / TEXAS RANGER	5 GAL. / 60" O.C.	
	SAUVIA LEUCOPHYLLA / PURPLE SAGE	5 GAL. / 42" O.C.	
	SEMPERVIVENS / SILVER LEAF OASIS	1 GAL. / 36" O.C.	
	THEVETIA PERUVIANA / YELLOW OLEANDER	5 GAL. / 60" O.C.	
	DECOMPOSED GRANITE 14" MANHOLE	2" THICK	
	HYBRID BERNOLDA TURF	500	

WATER CONSERVATION NOTES

- THE FOLLOWING WATER CONSERVATION TECHNIQUES SHALL BE EMPLOYED IN THIS PROJECT:
- WATER CONSERVING PLANTS AND PLANTS NATIVE TO HOT DRY SUMMERS UTILIZED IN 75% OF THE TOTAL PLANT AREA.
- TOTAL AMOUNT OF IRRIGATION WATER APPLIED TO ALL LANDSCAPE AREAS DOES NOT EXCEED 42 INCHES PER SQUARE FOOT OF LANDSCAPE AREA PER YEAR.
- TURF LIMITED TO 30% OF THE TOTAL LANDSCAPE AREA.
- WATER CONSERVING TYPE OF TURF UTILIZED BASED UPON AMOUNT OF WATER NEEDED TO SUSTAIN THEM.
- MULCH UTILIZED IN THE LANDSCAPE 2" DEPTH MIN.
- SOIL AMENDMENT UTILIZED TO IMPROVE WATER HOLDING CAPACITY.
- AUTOMATIC IRRIGATION SYSTEM ADJUSTED SEASONALLY AND WITH WATERING HOURS BETWEEN 7:00 P.M. AND 10:00 A.M.
- IRRIGATION SYSTEM DESIGNED TO WATER DIFFERENT AREAS OF THE LANDSCAPE BASED ON WATERING NEED.
- IRRIGATION DESIGN SENSITIVE TO SLOPE FACTORS.
- RAIN SENSORS USED IN CONJUNCTION WITH THE AUTOMATIC IRRIGATION SYSTEM.
- RECOMMENDATIONS GIVEN FOR ANNUAL IRRIGATION SCHEDULE.

LANDSCAPE TABULATIONS

STREET FRONTAGE:
 (1) TREE PER 30 L.F. REQUIRED
 STREET FRONTAGE L.F. = 894 L.F.
 REQUIRED STREET FRONTAGE TREES = 29 TREES
 TOTAL STREET FRONTAGE TREES PROVIDED = 30 TREES

BUILDING PERIMETER:
 (1) TREE PER 30 L.F. REQUIRED
 BUILDING PERIMETER L.F. = 697 L.F.
 REQUIRED BUILDING PERIMETER TREES = 23 TREES
 TOTAL BUILDING PERIMETER TREES PROVIDED = 36 TREES

PROJECT INTERIOR PERIMETER:
 (1) TREE PER 30 L.F. REQUIRED
 INTERIOR PERIMETER L.F. = 810 L.F.
 REQUIRED INTERIOR PERIMETER TREES = 27 TREES
 TOTAL INTERIOR PERIMETER TREES PROVIDED = 28 TREES

TURF AREA:
 TOTAL LANDSCAPE AREA = 50,047 S.F.
 TOTAL TURF AREA = 9,483 S.F.
 % OF LANDSCAPE IN TURF = 19%

LANDSCAPE IRRIGATION WATER ANALYSIS

PROJECT: Rancho Mirage Medical Campus Rancho Mirage, CA	Project Eir: 75.00
MAXIMUM APPLIED WATER ALLOWANCE: (GALLONS PER YEAR)	MINIMUM REQUIRED IRRIGATION ALLOWANCE: (GALLONS PER YEAR)
75.00 x 0.8 x 50,047 x 0.02 = 1,987,748 GAL/YR	5.71 Acre Perirrig.
Total Project Acreage: 1.15	ESTIMATED APPLIED WATER USED: (GALLONS PER YEAR)
EMV (E) / Perirrig Factor: Hydrozone Sq. Ft. x (E)	EMV (E) / Perirrig Factor: Hydrozone Sq. Ft. x (E)
Infiltration Efficiency	Infiltration Efficiency
HYDROZONE # 1: (Sprink area with drip) 75.0 x 0.4 x 40,994 x 0.02 = 838,323 GAL/YR	2.87 Acre Perirrig.
0.9	
HYDROZONE # 2: (Turf Area with Spray Heads) 75.0 x 0.9 x 9,483 x 0.02 = 960,948 GAL/YR	1.74 Acre Perirrig.
0.7	
MAXIMUM APPLIED WATER: TOTAL ESTIMATED WATER USE:	MAXIMUM APPLIED WATER: TOTAL ESTIMATED WATER USE:
1,987,748 GAL/YR	1,861,748 GAL/YR
1,405,271 GAL/YR	1,405,271 GAL/YR
4.31 Acre Perirrig.	5.71 Acre Perirrig.
TOTAL ACRE FEET/ACRE/FEAR: 3.75	TOTAL ACRE FEET/ACRE/FEAR: 3.75

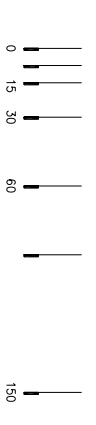
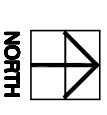
PRELIMINARY LANDSCAPE PLAN
RANCHO MIRAGE MEDICAL CAMPUS

Rancho Mirage, CA

SCHEME #A

WARE MALCOMB

architecture
 planning
 interiors



www.waremalcomb.com

p 949 660 9128

041-314-00

08.30.04

L1.1