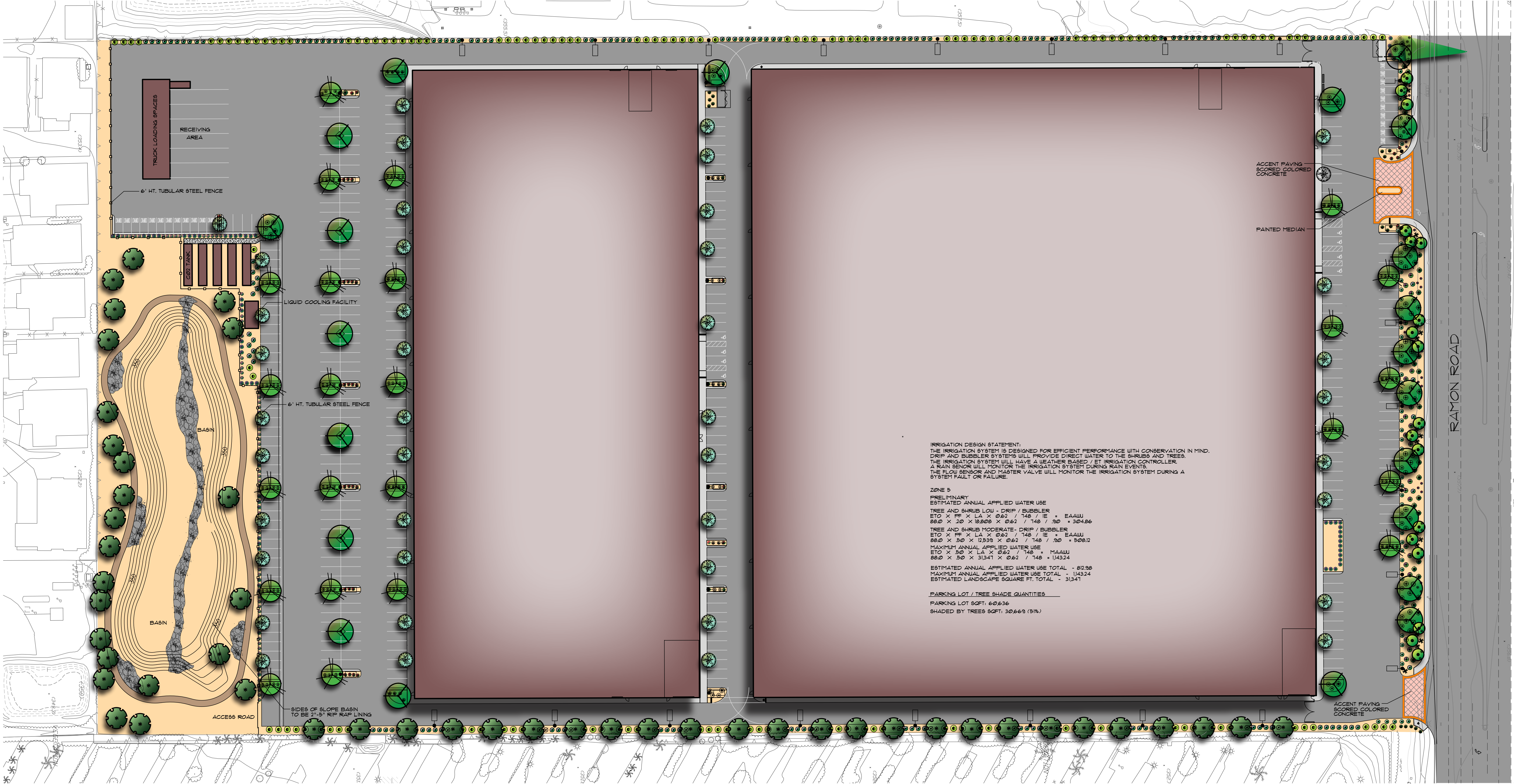


PRELIMINARY LANDSCAPE PLAN

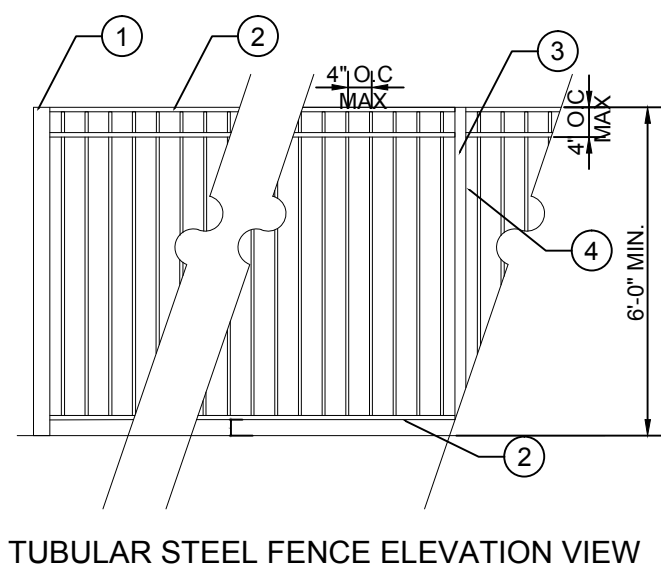
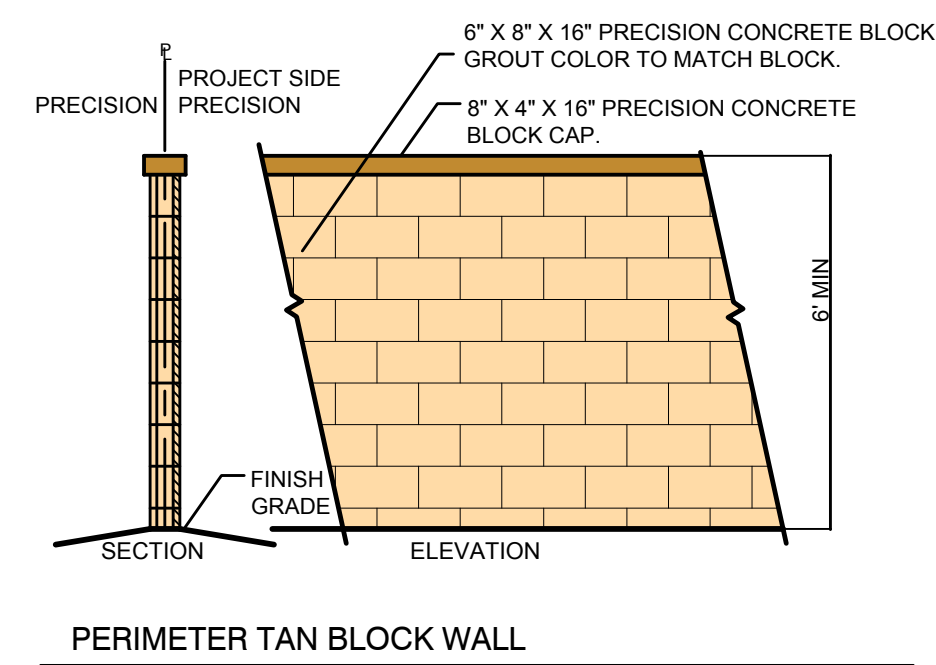


IRRIGATION DESIGN STATEMENT:  
THE IRRIGATION SYSTEM IS DESIGNED FOR EFFICIENT PERFORMANCE WITH CONSERVATION IN MIND. DRIP AND BUBBLER SYSTEMS WILL PROVIDE DIRECT WATER TO THE SHRUBS AND TREES. THE IRRIGATION SYSTEM WILL HAVE A WEATHER BASED / ET IRRIGATION CONTROLLER. A RAIN SENSOR WILL MONITOR THE IRRIGATION SYSTEM DURING RAIN EVENTS. THE FLOW SENSOR AND MASTER VALVE WILL MONITOR THE IRRIGATION SYSTEM DURING A SYSTEM FAULT OR FAILURE.

ZONE 5  
PRELIMINARY  
ESTIMATED ANNUAL APPLIED WATER USE  
TREE AND SHRUB LOW - DRIP / BUBBLER  
ETO X FT X LA X DBH / 148 / 12 = EAUW  
880 X 20 X 8800 X 0.61 / 148 / 12 = 504.86  
TREE AND SHRUB MODERATE - DRIP / BUBBLER  
ETO X FT X LA X DBH / 148 / 12 = EAUW  
880 X 50 X 1339 X 0.61 / 148 / 12 = 508.12  
MAXIMUM ANNUAL APPLIED WATER USE  
ETO X 50 X LA X DBH / 148 = MAUW  
880 X 50 X 3141 X 0.61 / 148 = 1143.24  
ESTIMATED ANNUAL APPLIED WATER USE TOTAL - 812.98  
MAXIMUM ANNUAL APPLIED WATER USE TOTAL - 1143.24  
ESTIMATED LANDSCAPE SQUARE FT. TOTAL - 31341

PARKING LOT / TREE SHADE QUANTITIES  
PARKING LOT SQFT: 60636  
SHADED BY TREES SQFT: 30669 (51%)

- LEGEND:  
1. 3"x3" 16 GAUGE TERMINAL POST, ATTACH TO FACE OF PILASTER WITH SADDLE BRACKET(2 PER POST) AND 2 EXPANSION SHIELDS.  
2. 1 1/2" x 1 1/2" 16 GAUGE TUBULAR STEEL TOP & BOTTOM RAILS.  
3. 2" x 2" 16 GAUGE POSTS @ 8' O.C. MAX.  
4. 3/4" SQ. PICKETS @ 4' O.C.  
NOTES:  
TUBULAR STEEL TO BE PAINTED WITH 1 COAT RUST-OLEUM PRIMER AND 2 COATS FINAL COLOR TO BE GLOSS BLACK.



PLANT LEGEND

TREES & PALMS

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	REMARKS	WATER USE
	ACACIA ANEURA	"MULGA"	22	24" BOX	SINGLE TRUNK EVERGREEN	02 LOW
	ACACIA STENOPHYLLA	SHOESTRING ACACIA	8	24" BOX	SINGLE TRUNK EVERGREEN	02 LOW
	JACARANDA MIMOSIFOLIA	"JACARANDA"	10	24" BOX	SINGLE TRUNK 1" CALIPER SEMI-EVERGREEN	03 MOD
	WASHINGTONIA HYBRID		18	12" BTH	SKINNED EVERGREEN	03 MOD
	TIPUANA TIPU	"TIPU TREE"	40	24" BOX	SINGLE TRUNK 1" CALIPER SEMI-EVERGREEN	03 MOD

NOTE: ALL TREES SHALL BE AT FULL MATURITY AT 5 YEARS

VINES & GROUND COVER

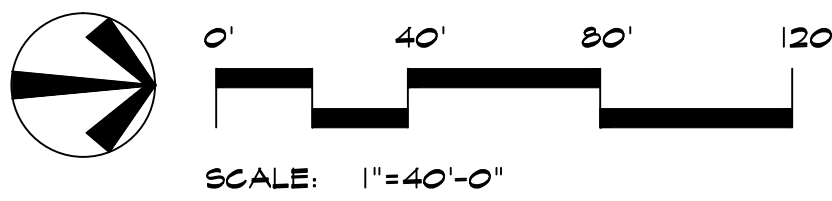
SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	WATER USE
	LANTANA	NEW GOLD	41	5 GAL.	03 MOD

COLOR TO BE BRIMSTONE  
AFTER COMPACTING DRAINAGE AREA COMPLETELY WETTED AND ROLLED  
TO A FINAL DEPTH OF 3" COVER AREA COMPLETELY UNDER ALL PLANTS  
IN PLANTING AREA

SHRUBS & CACTI

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	WATER USE
	LEUCOPHYLLUM 'LYNNS LEGACY'	LYNNS LEGACY	164	5 GAL.	02 LOW
	LEUCOPHYLLUM LANGHANIAE	RIO BRAVO	14	5 GAL.	02 LOW
	CALLISTEMON X VIMINALIS	LITTLE JOHN BOTTLEBRUSH	81	5 GAL.	03 MOD
	LEUCOPHYLLUM FRUTESCENS	TEXAS RANGER	69	5 GAL.	02 LOW
	CARISSA MACROCARPA	NATAL PLUM	13	5 GAL.	02 LOW
	AGAVE AMERICANA	CENTURY PLANT	20	5 GAL.	02 LOW
	HESPERALOE PARVIFLORA 'BRAKELIGHT'		144	5 GAL.	02 LOW
	SENNA NEMOPHILA	DESERT CASSIA	146	5 GAL.	02 LOW
	BOUGAINVILLEA	ROSENKA	48	5 GAL.	03 MOD
	CARISSA MACROCARPA	TUTTLEI	54	5 GAL.	03 MOD

6" - 8" - CRESTA RUBBLE



RAMON 19 WAREHOUSES  
69375 RAMON ROAD  
CATHEDRAL CITY, CA 92234

LS-1

HERMANN DESIGN GROUP  
77-899 WOLF RD.  
SUITE 102  
PALM DESERT, CA  
92211  
LIC# 2754, EXP 04/30/18  
PH. (760) 777-9131  
FAX (760) 777-9132

DATE 8/25/17