



City of La Quinta

CITY / SA / HA / FA MEETING DATE: December 16, 2014

ITEM TITLE: DISCUSS LANDSCAPE THEME FOR CITY-OWNED LOTS ON AVENUE 52

AGENDA CATEGORY:

BUSINESS SESSION:

CONSENT CALENDAR:

STUDY SESSION: 1

PUBLIC HEARING:

RECOMMENDED ACTION:

Discuss a landscape theme for the City-owned lots on Avenue 52.

EXECUTIVE SUMMARY:

- The City has received numerous requests to landscape the vacant lots it owns along Avenue 52 between Desert Club Drive and Avenida Villa.
- Staff proposes to use the City's standard landscape palette along Avenue 52, and a modified landscape palette for the parkways along Calle Amigo, Avenida Bermudas and Avenida Villa.
- The modified palette will require less maintenance thus reducing costs. This palette may also be considered when refurbishing the north La Quinta parkways.

FISCAL IMPACT:

This project is included in the Capital Improvement Program for Fiscal Year 2014/2015 and is programmed to receive \$313,000 from the City's General Fund. The approved budget is:

BUDGET LINE ITEM	BUDGET
Professional:	\$ 15,588
Technical (Insp/Test/Survey):	\$ 22,963
Design:	\$ 21,900
Construction:	\$215,000
Contingency:	\$ 29,200
City Administration:	\$ 10,750
TOTAL BUDGET:	\$313,000

The Landscape Architect's preliminary estimate of probable construction costs is \$117,000 (Attachment 1).

BACKGROUND/ANALYSIS:

The proposed improvements include installing landscape and irrigation along the perimeter of the three City-owned lots on Avenue 52, between Desert Club Drive and Avenida Villa as well as mulch stabilizer to the interior of the lots. This project will:

- Improve one of the primary entryways into the Cove neighborhood;
- Demonstrate how non-irrigated landscaping can provide contrast and interest to a streetscape; and
- Provide a cost effective means for suppressing dust.

The design for the Avenue 52 frontage is similar to the south side of Avenue 52 adjoining Fire Station 32 and Fritz Burns Park. The design features Washingtonia Robusta (Mexican Fan Palm), Chamaerops humulis (Mediterranean Fan Palm), and Butia capitata (Pindo Palm) palms, which are varieties that will unify the street scene; the palms would be grouped informally within a 30-foot parkway area. Crushed rock, decomposed granite, and boulders are used on the ground plane to create variety of textures and colors. Shrubs, such as Bougainvillea, Leucophyllum frutescens (Texas Ranger), Caesalpinia (Mexican Bird of Paradise), Lantana, and Callistemon "Little John" (Dwarf Bottle Brush,) are also proposed.

The frontage along Calle Amigo, Avenida Bermudas, and Avenida Navarro will also feature crushed rock, decomposed granite and boulders with minimal use of drought tolerant landscape as accents. These areas are intended as a demonstration project for future landscape retrofit projects. The proposed palette includes drifts of cresta rubble with simple plantings of desert accents and succulents such as Agave Americana, Dasylirion longissima, Ocotillo and Hesperaloe. Plant groupings used outside of the Cresta Rubble areas are designed as a display section that demonstrates the use of hardscape elements and minimal planting, which will result in lower installation costs and lower long-term maintenance and water usage, while maintaining an aesthetically pleasing desert landscape environment.

These landscape concepts are depicted in design layouts in Attachment 2.

Report prepared by: Edward J. Wimmer, P.E., Principal Engineer

Report approved for submission by: Timothy R. Jonasson, P.E.

Public Works Director/City Engineer

Attachments: 1. Preliminary Opinion of Probable Cost
 2. Preliminary Design

HERMANN DESIGN GROUP - PRELIMINARY OPINION OF PROBABLE COST

City of La Quinta
Avenue 52 Parkway

Landscape Construction
Date Revised: 12/8/2014
Prepared By: CH / Opus

DESCRIPTION	QTY	UNIT	PRICE	EXTENSION
LANDSCAPE PREPARATION				
Soil Prep, Fine Grading	15,125	SF	\$ 0.15	\$ 2,268.75
			Subtotal	\$ 2,268.75
TREES				
10' BTH Washingtonia robusta	6	EA	\$ 450.00	\$ 2,700.00
24" Box Tree	22	EA	\$ 275.00	\$ 6,050.00
15 Gallon Ocotillo	10	EA	\$ 95.00	\$ 950.00
			Subtotal	\$ 9,700.00
SHRUBS, VINES AND GROUND COVER				
15 Gallon	8	EA	\$ 75.00	\$ 600.00
5 Gallon	153	EA	\$ 25.00	\$ 3,825.00
			Subtotal	\$ 4,425.00
			LANDSCAPE PLANTING TOTAL	\$ 16,393.75
LANDSCAPE IRRIGATION				
Irrigation System - Shrub Drip	12,175	SF	\$ 1.25	\$ 15,218.75
Irrigation System Controller in Pedestal	1	EA	\$ 2,500.00	\$ 2,500.00
			LANDSCAPE IRRIGATION TOTAL	\$ 17,718.75
LANDSCAPE CONSTRUCTION				
Landscape Boulders	36	TON	\$ 200.00	\$ 7,200.00
Desert Gold Decomposed Granite	9,250	SF	\$ 0.65	\$ 6,012.50
Apache Brown Crushed Rock	2,925	SF	\$ 1.25	\$ 3,656.25
Cresta Rubble	2,950	SF	\$ 2.50	\$ 7,375.00
Hydromulch with Stabilizer (Empty Lots)	62,175	SF	\$ 0.06	\$ 3,730.50
			LANDSCAPE CONSTRUCTION TOTAL	\$ 27,974.25
UTILITY CONSTRUCTION				
1" Water Meter and Backflow (Water Meter and Backup Charges)	1	EA	\$ 10,000.00	\$ 10,000.00
			UTILITY CONSTRUCTION TOTAL	\$ 10,000.00
			GRAND TOTAL	\$ 72,086.75

NOT INCLUDED:

Contingency
Mobilization
Drainage/Sewer/Water
SWPPP Measures / Grading
Street Improvements - Off site
Water Meter and Backup Charges
Landscape Maintenance Period
Electrical Point of Connections

HERMANN DESIGN GROUP - PRELIMINARY OPINION OF PROBABLE COSTCity of La Quinta
Calle AmigoLandscape Construction
Date Revised: 12/8/2014
Prepared By: CH / Opus

DESCRIPTION	QTY	UNIT	PRICE	EXTENSION
LANDSCAPE PREPARATION				
Soil Prep, Fine grading	13,550	SF	\$ 0.15	\$ 2,032.50
			Subtotal	\$ 2,032.50
TREES				
24" Box	13	EA	\$ 275.00	\$ 3,575.00
			Subtotal	\$ 3,575.00
SHRUBS, VINES AND GROUND COVER				
15 Gallon	5	EA	\$ 75.00	\$ 375.00
5 Gallon	58	EA	\$ 25.00	\$ 1,450.00
			Subtotal	\$ 1,825.00
			LANDSCAPE PLANTING TOTAL	\$ 7,432.50
LANDSCAPE IRRIGATION				
Irrigation System - Shrub Drip	11,275	SF	\$ 1.25	\$ 14,093.75
Irrigation System Controller in pedestal	1	EA	\$ 2,500.00	\$ 2,500.00
			LANDSCAPE IRRIGATION TOTAL	\$ 16,593.75
LANDSCAPE CONSTRUCTION				
Landscape Boulders	30	TON	\$ 200.00	\$ 6,000.00
Apache Brown Crushed Rock	2,885	SF	\$ 1.25	\$ 3,606.25
Desert Gold Decomposed Granite	8,390	SF	\$ 0.65	\$ 5,453.50
Cresta Rubble	2,275	SF	\$ 2.50	\$ 5,687.50
			LANDSCAPE CONSTRUCTION TOTAL	\$ 20,747.25
STREET CONSTRUCTION				
Saw cut pavement and patch-up		Allowance		\$ 1,000.00
			STREET CONSTRUCTION TOTAL	\$ 1,000.00
			GRAND TOTAL	\$ 44,814.50

Note: We propose using the existing water meter on the east side of Navarro and saw cutting the street and extending the new mainline and wires across to the west side lots.

NOT INCLUDED:

- Contingency
- Mobilization
- Drainage/Sewer/Water
- SWPPP Measures / Grading
- Street Improvements - Off Site
- Water Meter and Backup Charges
- Landscape Maintenance Period
- Electrical Point of Connections

PLANT LIST






ATTACHMENT 2

SYMBOL	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CVWD WATER
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TREES & PALMS

	6	WASHINGTONIA ROBUSTA	"MEXICAN FAN PALM"	10' BTH	0.5 MOD
	10	FOUQUIERIA SPLENDENS	"OCOTILLO"	8' HT. 2 CANES MIN.	0.2 LOW
	16	CHAMAEROPS HUMILIS	"MEDITERRANEAN FAN PALM"	24" BOX	0.5 MOD
	12	BUTIA CAPITATA	"PINDO PALM"	24" BOX	0.2 LOW






SHRUBS & ACCENTS

	13	AGAVE AMERICANA	"CENTURY PLANT"	15 GAL.	0.2 LOW
	7	DASYLIION LONGISSIMA	"MEXICAN GRASS TREE"	24" BOX	0.2 LOW
	11	LEUCOPHYLLUM LANGMANIAE	"RIO BRAVO"	5 GAL.	0.2 LOW
	7	TECOMA 'SOLAR FLARE'		5 GAL.	0.5 MOD
	13	CAESALPINIA FULCHERRIMA	"RED BIRD OF PARADISE"	5 GAL.	0.5 MOD
	13	SENNA ARTEMISIOIDES	"FEATHER CASSIA"	5 GAL.	0.2 LOW
	25	CALLISTEMON VIMINALIS	"LITTLE JOHN"	5 GAL.	0.5 MOD
	23	BOUGAINVILLEA 'ROSENKA'		5 GAL.	0.5 MOD
	41	HESPERALOE PARVIFLORA	"RED TIPPED YUCCA"	5 GAL.	0.2 LOW

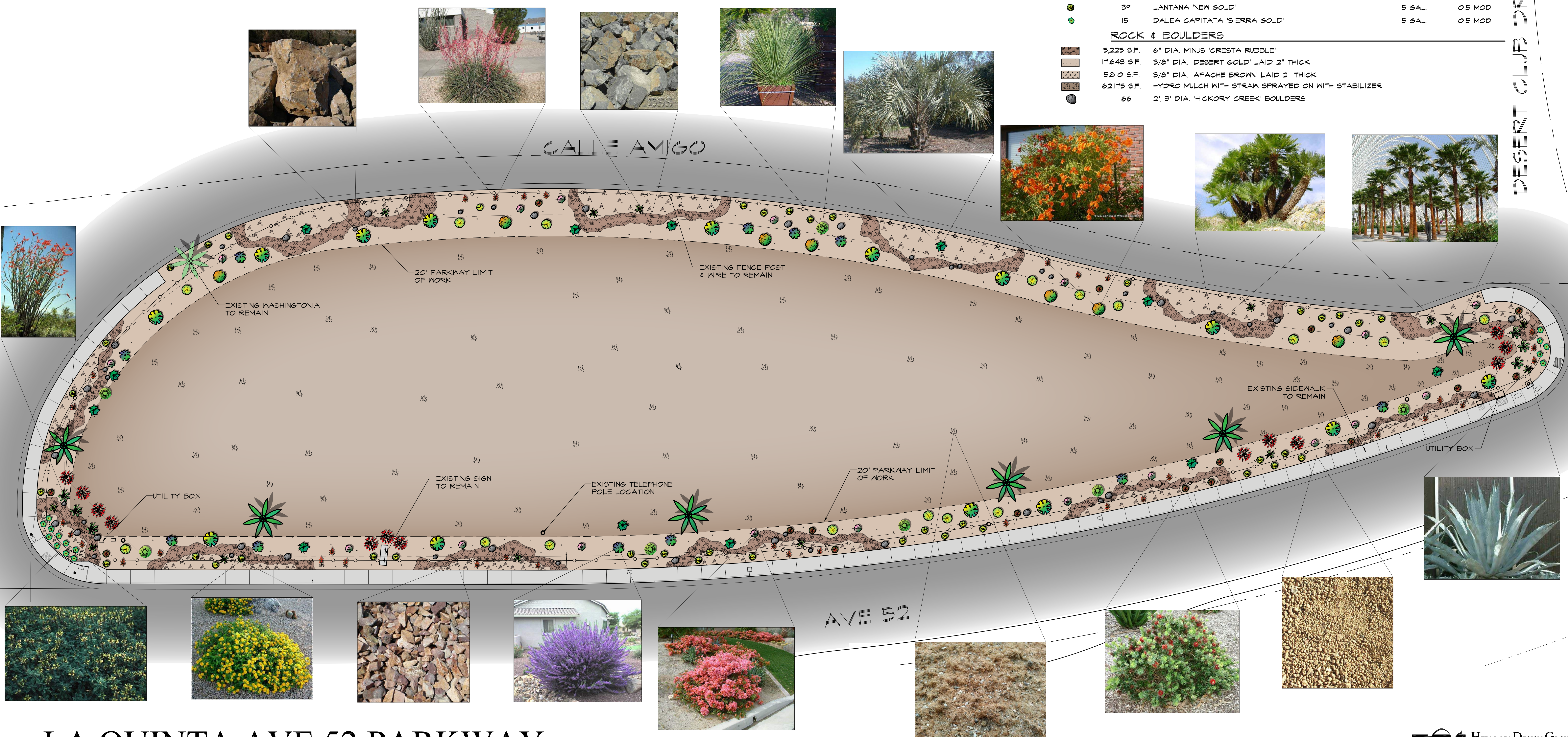
GROUNDCOVER

	14	CARISSA 'GREEN CARPET'		5 GAL.	0.5 MOD
	39	LANTANA 'NEW GOLD'		5 GAL.	0.5 MOD
	15	DALEA CAPITATA 'SIERRA GOLD'		5 GAL.	0.5 MOD

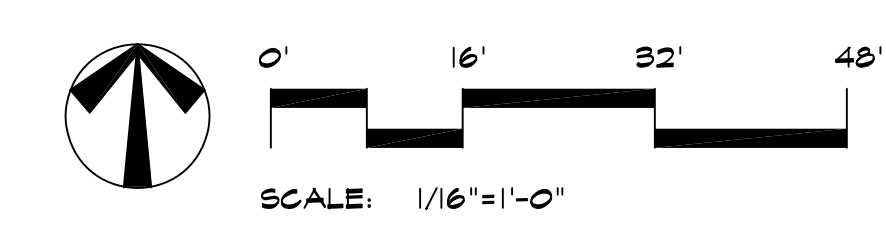
ROCK & BOULDERS

	5,225 S.F.	6" DIA. MINUS 'CRESTA RUBBLE'			
	17,643 S.F.	3/8" DIA. 'DESERT GOLD' LAID 2" THICK			
	5,810 S.F.	3/8" DIA. 'APACHE BROWN' LAID 2" THICK			
	62,175 S.F.	HYDRO MULCH WITH STRAW SPRAYED ON WITH STABILIZER			
	66	2', 3' DIA. 'HICKORY CREEK' BOULDERS			

DESERT CLUB DR



LA QUINTA AVE 52 PARKWAY
 AVE 52, LA QUINTA, CA
 PRELIMINARY DESIGN

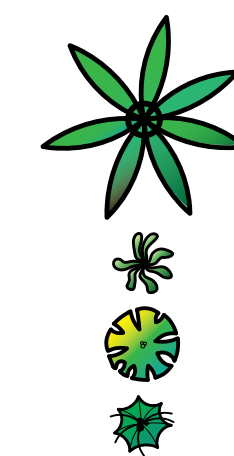


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 HERMANN DESIGN GROUP
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 SUITE 102
 PALM DESERT, CA
 92211
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 DATE 12/08/14

PLANT LIST

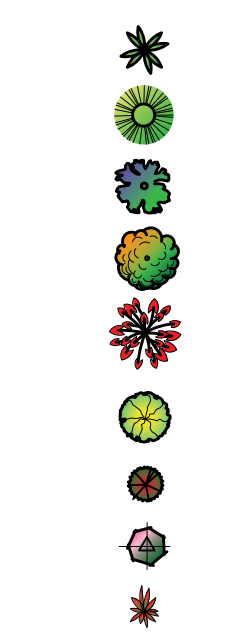
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TREES & PALMS



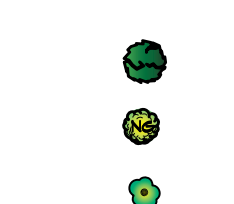
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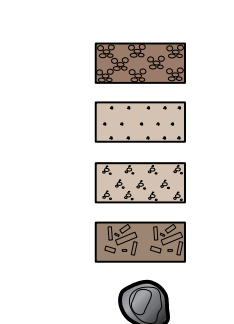
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GROUND COVER

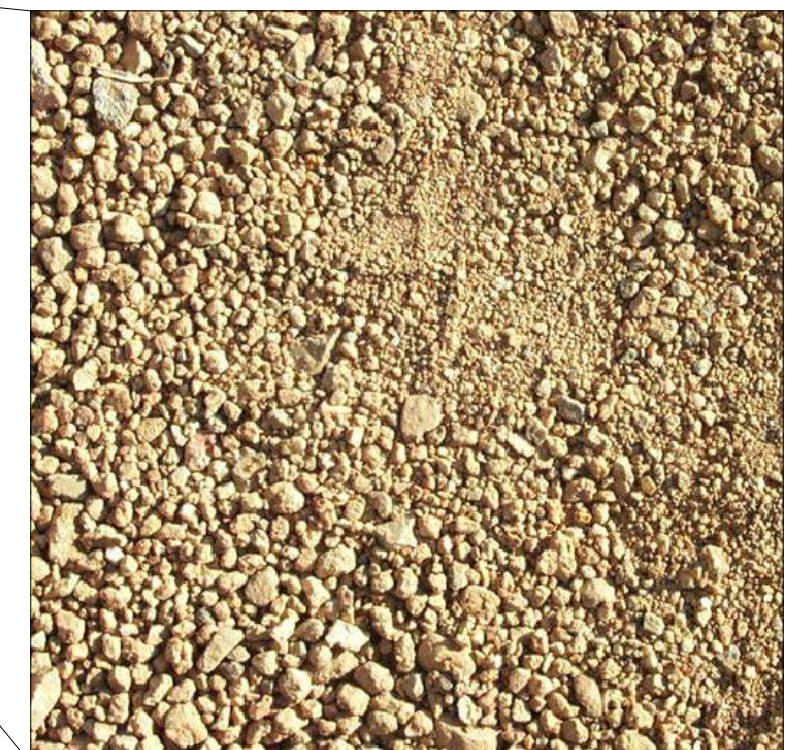
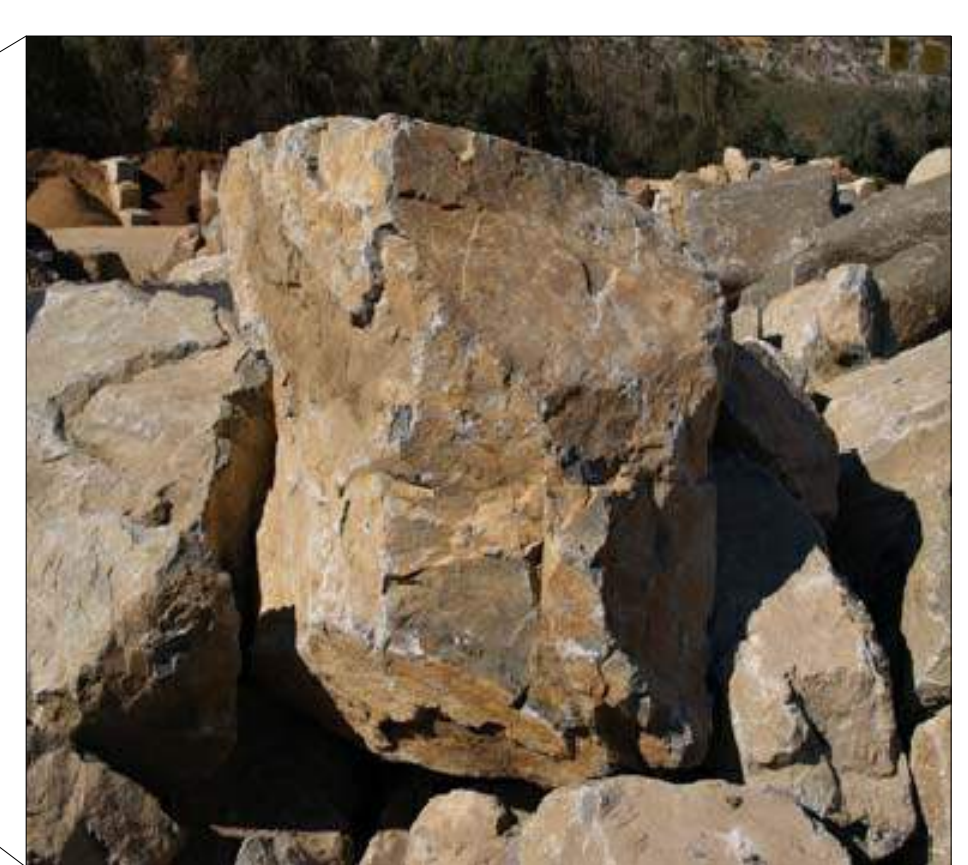
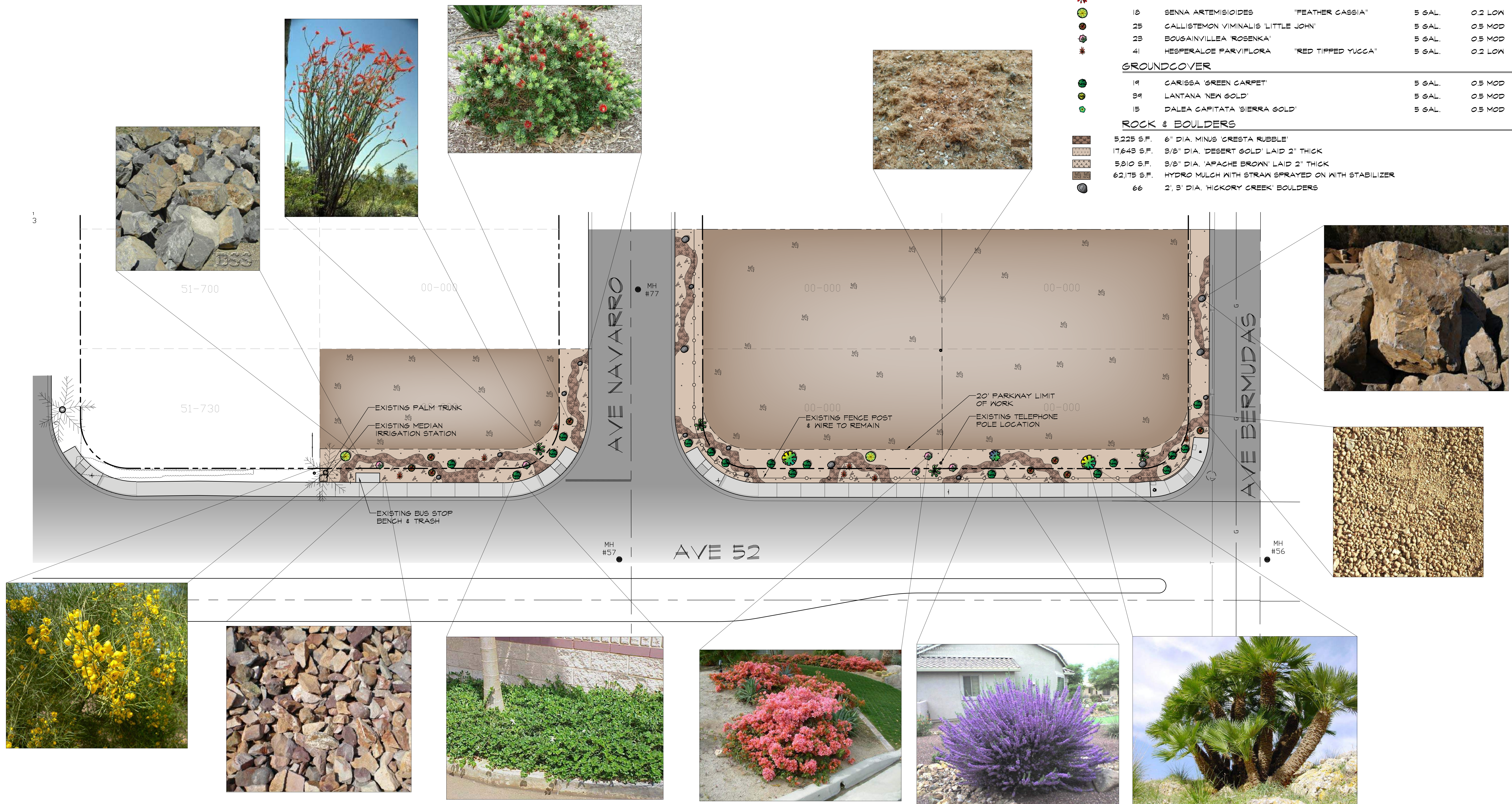


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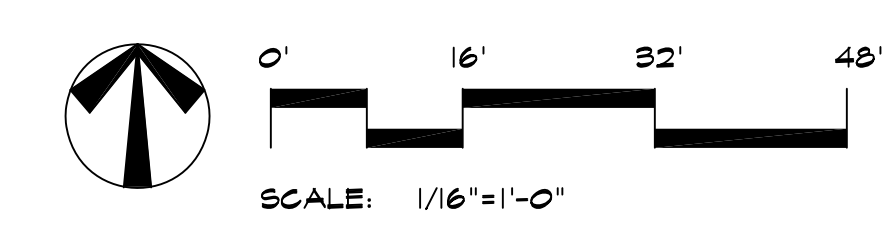
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