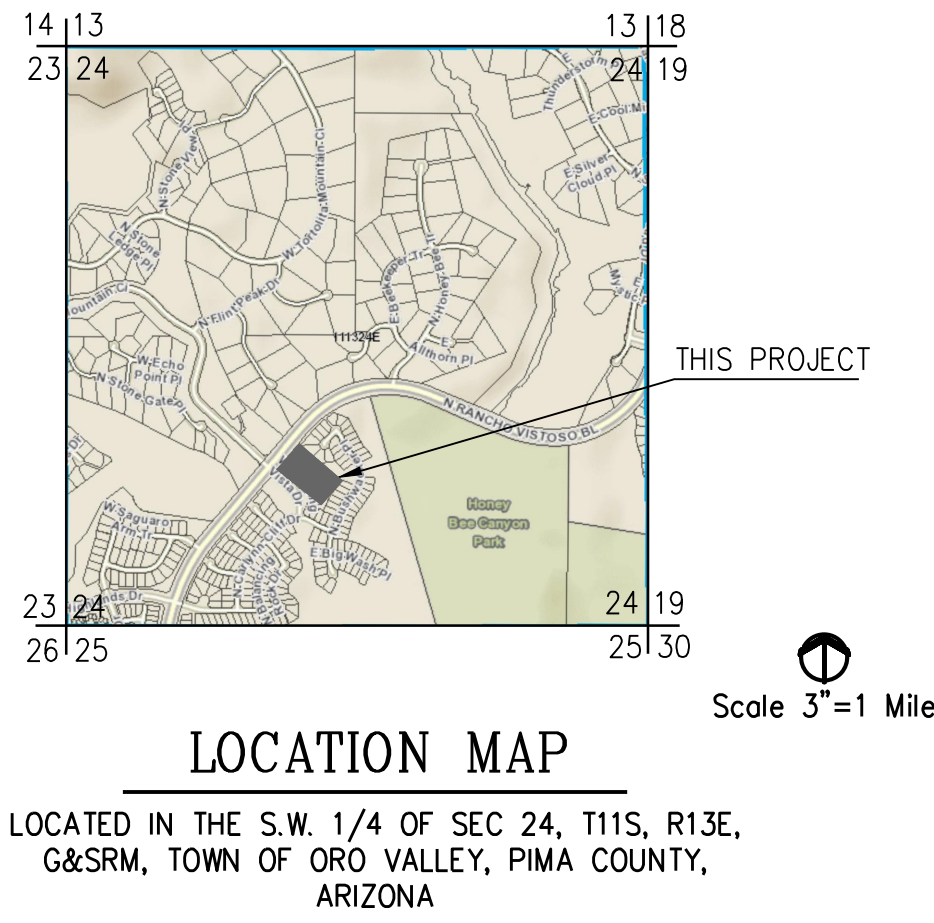


RESIDENCES AT
MORNING VISTA
OV 2102029
GRADING PERMIT
#2501679
SITE RESOURCE
INVENTORY



SITE RESOURCE INVENTORY (SRI) NOTES:

1. All salvage plans shall be field checked by Zoning Inspector, prior to approval. If there are any changes to the salvage plan based on the field check, the salvage plan shall be revised.
2. Protected native plants shall not be destroyed, mutilated, removed from the premises or relocated on the premises except in accordance with an approved Native Preservation Plan, Salvage, and Mitigation Plan and all Arizona Department of Agriculture and Horticulture requirements.
3. Mitigation of Significant Vegetation shall be in accordance with 27.6.B.3.b.iii.
4. Site is Zoned PAD (Rancho Vistoso).
5. Adjacent parcels zoned PAD (Rancho Vistoso).
6. The original vegetation inventory for this site was performed by Novak Environmental, Inc. in 2021.
7. See sheet SRI-2 of this set for a full list of SV plants.
8. Significant Vegetation information:
Total amount present on-site (square feet): 13,448.43
Total amount being disturbed (square feet): 10,412.36
Total percentage disturbed: 77%. This calculation is based on the square feet of disturbed significant vegetation. See Sheet SRI-2 for calculations based on number of plants being disturbed.

RANCHO VISTOSO HILLSIDE DISTRICT – SEE CIVIL PLANS
100-YEAR FLOOD LIMITS – NONE ON SITE.
ROCK OUTCROPS– NONE ON SITE.

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Landscape Architecture • Natural Resources • Planning • Mitigation

Reference Case 2003075 Pre-Application

Rev #		Date	Description
1		4/19/22	SITE RESOURCE INVENTORY
2		4/19/22	RESIDENCES AT MORNING VISTA
3		4/19/22	SRI-1
4		4/19/22	SRI-2
5		4/19/22	SRI-3
6		4/19/22	SRI-4
7		4/19/22	SRI-5
8		4/19/22	SRI-6
9		4/19/22	SRI-7
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295		4/19/22	SRI-293
296</			

PROTECTED NATIVE PLANTS (PNP) SIGNIFICANT VEGETATION

I.D.#	Botanical Name	Caliper Inches	Multi Trunk	Height Feet	In-situ Viability	Notes	Transplant Rating	Unsalvagable Criteria	PIP	TOS	MIT	RFS
1	Parkinsonia florida	24	Y	12	L	deadwood	L	A, C				
15	Parkinsonia florida	36	Y	14	M	deadwood	L	A, C			MIT	
37	Parkinsonia florida	22	Y	13	L		L	A, C, G				RFS
41	Parkinsonia florida	48	Y	25	M		L	A, B, C, G				RFS
42	Parkinsonia florida	36	Y	25	M		L	A, C, G			MIT	
43	Parkinsonia florida	36	Y	18	M		L	A, C, G			MIT	
44	Parkinsonia florida	36	Y	17	M	deadwood	L	A, C, G			MIT	
52	Parkinsonia florida	24	Y	16	L	deadwood	L	A, C, G			MIT	
58	Parkinsonia microphylla	32	Y	18	L	deadwood	L	A, C, G				RFS
61	Parkinsonia microphylla	16	Y	13	M		L	A, C, G				RFS
73	Parkinsonia microphylla	18	Y	14	H		H	A, C		TOS		
101	Parkinsonia florida	30	Y	15	L	deadwood	L	A, C				RFS
115	Parkinsonia florida	24	Y	15	L	damaged and bores	L	A, C, G				RFS
148	Prosopis velutina	24	Y	12	L	deadwood	L	A, C, G				RFS
174	Parkinsonia microphylla	14	Y	15	L	deadwood	L	A, C, G				RFS
198	Parkinsonia microphylla	14	Y	12	L	deadwood	L	A				RFS
202	Parkinsonia microphylla	14	Y	12	M	deadwood	L	A, C, G				RFS
204	Parkinsonia microphylla	14	Y	12	L	deadwood	L	A				RFS
205	Parkinsonia microphylla	14	N	14	L	deadwood	L	A, C, G				RFS
210	Parkinsonia microphylla	14	Y	13	L	deadwood	L	A, C, G				RFS
212	Prosopis velutina	16	N	18	L	deadwood	L	A, C, G				RFS
215	Parkinsonia microphylla	14	Y	12	L	deadwood	L	A, C, G				RFS
220	Parkinsonia microphylla	14	Y	12	L	deadwood	L	A, C, G				RFS
223	Parkinsonia microphylla	30	Y	14	L	deadwood	L	A, C, G				RFS
1000	Parkinsonia florida	8	Y	15	M		M				MIT	
1001	Parkinsonia florida	6	N	12	M		M				MIT	
1007	Parkinsonia florida	18	Y	12	H		H			TOS		
1015	Parkinsonia florida	14	Y	18	L		L	A, C, G				RFS
1021	Parkinsonia florida	14	N	18	M		L		PIP			
1022	Parkinsonia florida	14	N	14	M		H		PIP			
1024	Parkinsonia florida	20	Y	25	L		L		PIP			
1028	Parkinsonia florida	0	N	12	L		L		PIP			
1046	Parkinsonia florida	12	N	15	M		L		PIP			
1047	Parkinsonia florida	12	Y	20	M		L		PIP			
1048	Parkinsonia florida	12	Y	14	M		L		PIP			
1052	Parkinsonia florida	14	N	14	M		L		PIP			
1063	Parkinsonia florida	18	Y	20	L		L	A, C, G				RFS
1065	Parkinsonia florida	18	Y	30	L		L	A, C, G				RFS
1086	Parkinsonia florida	18	Y	20	L		L	A, C, G				RFS
1093	Parkinsonia florida	20	Y	25	L		L	A, C, G				RFS
1097	Parkinsonia florida	14	Y	18	L		L	A, C, G				RFS

NATIVE PLANT SUMMARY TABLE

Botanical Name	Common Name	Transplant	Remove from site	Preserve in Place	Total per Plant
Carnegiea gigantea	Saguaro	10	0	0	10
Ferocactus wislizeni	Fishhook Barrel Cactus	29	12	8	49
Fouquieria splendens	Ocotillo	13	1	0	14
Mammillaria thornberi	Thornber's Fishhook Cactus	24	1	0	25
Parkinsonia florida	Blue Palo Verde	5	40	21	66
Parkinsonia microphyllum	Foothills Palo Verde	2	33	2	37
Prosopis velutina	Velvet Mesquite	2	5	1	8
Opuntia fulgida var. fulgida	Chain Fruit Cholla	0	5	0	5
Opuntia phaeacantha var. discata	Engelmann Prickly Pear	0	10	1	11
Vachellia constricta	White-thorn Acacia	0	5	0	5
TOTAL		85	112	33	230

TRANSPLANT ON SITE SUMMARY

Plant Species	#
Carnegiea gigantea	10
Ferocactus wislizeni	29
Fouquieria splendens	13
Mammillaria thornberi	24
Parkinsonia florida	5
Parkinsonia microphylla	2
Prosopis velutina	2
TOTAL	85

MITIGATION SUMMARY

Plant Species	#	Understory Required (5 per tree)
Ferocactus wislizeni	2	0
Opuntia fulgida var. fulgida	18	0
Opuntia phaeacantha var. discata	35	0
Parkinsonia florida	13	65
Parkinsonia microphylla	13	65
Prosopis velutina	2	10
Senegalia greggii	1	5
TOTAL	84	145

Code	Determination of Transplantability
A	Plant health is good to excellent with no major infestations or apparent diseases. "Plant health" is defined as a plant in a sound state, free from disease and expected to survive for five or more years.
B	The plant is of a size and age to suggest a likely chance of transplant survival.
C	Plant is undamaged and is conducive to box or spade transplanting (upright branching)
D	Soils can be excavated, are cohesive, and appear capable of supporting a boxed or spaded root ball.
E	Surrounding topography permits access with the appropriate equipment needed to box or spade and remove the plant.
F	Adjacent plants do not pose a likely interference with root systems or interfere with plant removal.
G	The overall form and character is representative of the species and is a valuable specimen for landscape or habitat purposes.

NOTE: Determination of Transplantability is from Oro Valley Zoning Code 27.6.A.4.c.iii. Applicable letters are assigned to plants when they do not meet that standard, and are therefor deemed unsalvagable.

SIGNIFICANT VEGETATION MITIGATION SUMMARY

Mitigation of Significant Vegetation		
Significant Plants On-Site	41	100.0%
Significant Plants to be Disturbed	33	80.5%
Significant Plants Disturbed Meeting Salvage Criteria (See Note #3)	7	
Additional Mitigation Required	14	

Transplant On Site	
Plant	#
Parkinsonia microphylla	1
Parkinsonia florida	1

SIGNIFICANT VEGETATION MITIGATION TABLES

Number Removed	Name	Mitigation Ratio	Replacement Plants	Understory Ratio	Understory Required
7	Parkinsonia florida	2:1	14	5:1	35
Mitigation Plants					
	36" Box	48" Box	Understory Ratio (per mitigated tree)	Understory Plants	
Parkinsonia florida	7	7	5:1	35	

NOTES:

- The Plant Identification Numbers have some breaks in sequence to account for plants removed from the set because they were found to be located off of the property and not applicable to this project or did not meet the criteria for "Significant Vegetation". Plants found to be off property were not counted and or used in any form for calculations related to this project.
- Any Significant Vegetation (SV) plants (PNP) are denoted with "•".
- Mitigation of Significant Vegetation shall be in accordance with 27.6.B.3.b.iii.



Novak Environmental, Inc.
4574 North First Avenue •#100 Tucson, AZ 85718
Phone 520.206.0591 Fax 520.882.3006
Landscape Architecture • Natural Resources • Planning • Mitigation

Reference Case 2003075 Pre-Application

Rev #	Date	Description	
			
6300 E. El Dorado Plaza Suite A120, Tucson, Arizona 85715 Phone: 520.326.7082 ~ Fax: 520.326.7508		Job Number: NE 21024 Designed By: SS Drawn By: SS Checked By: KC Date: APRIL 2022 Scale: Vt: N/A Hz:	
Sheet Name SITE RESOURCE INVENTORY		Project RESIDENCES AT MORNING VISTA	
SRI-2		Sheet 2 of 2	

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Approval Block:

Planning & Zoning Administrator Date



CALL TWO WORKING DAYS BEFORE YOU DIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

GRADING PERMIT #2501679