



March 31, 2017

To: Mr. George Burton
Planner
Town of Paradise Valley
6401 E Lincoln Drive
Paradise Valley, AZ 85253

Re: **6199 N 44th Street – Hillside Application – Site Drainage Improvements**
Marsoner Residence
LDG Project #1608081

PROJECT NARRATIVE

Dear Mr. Burton:

In accordance with the Town of Paradise Valley Hillside Ordinance, we have prepared this submittal package that covers proposed site drainage improvements on the subject property, located at 6199 N 44th Street, Paradise Valley, AZ 85253, parcel 169-20-115, being a portion of the SW $\frac{1}{4}$ of Section 7, Township 2 North, Range 4 East of the Gila and Salt River Base and Meridian, Maricopa County, Arizona.

The property is surrounded by streets on its north, east and west sides and large residential lot on the south side. There is an existing 10,153 s.f. single family residence constructed in 2004-2005. Original survey and civil plans prepared in 2003 by Land Survey Services, PLLC and Gannet Fleming, Inc are enclosed in this submittal. Based on our review of these plans and the historic aerial topography maps, there are no washes that existed on this property. The lot is covered with native vegetation. The existing terrain slopes northeasterly with an average slope of 15%, which is similar to the slopes, prior to the construction of the house. No offsite flows enter the subject property. Ultimate outfall of the site is located at the northeasterly property corner at an elevation of 1348.25. The original Grading and Drainage plan that was approved by the Town of Paradise Valley proposed the sheet flows to be routed around the house perimeter via swales and piping. Riprap at each point of pipe discharge and in a portion of the swales was specified as well. As seen on the historic aerial photos, the amount of erosion control that was installed on site was not sufficient to address the site generated runoff. During storms, great amounts of silt and debris washed out from the site onto the public streets, near the intersection of Valley Vista Lane and 44th Place.

The owner of the property hired a licensed landscape contractor to address the existing erosion issues on site and to mitigate the drainage impact to the Town's right-of-way and neighboring properties downstream by placing riprap rock and creating artificial swales. Unfortunately, the work that was done in 2015 was with no engineering or permitting through the Town.

As of now the Owner was presented with two choices - to either put back everything as it is shown on the original plans or to permit all work that was completed. Our firm was retained to evaluate these options and after thorough review of the existing and historic site conditions, we believe that certain site drainage improvements, as shown on our plans, would benefit not only the subject property but the Town as well. In addition, our plans show some of the disturbed areas to be restored and revegetated to their historic conditions. We presented our plan during a site meeting with Mr. Richard Edwards on October 26th, 2016 and the proposed plan as presented herein was found acceptable.

A surface water test conducted on March 15th, 2017 by the Town of Paradise Valley Public Works crew. Water was sprayed on the pavement of 44th Street, Valley Vista Lane, and 44th Place. Water test cannot create conditions similar to 100-year design storm event, however it could clearly identify existing diversions, flow splits and confirm location of the ultimate outfall.

Water test was witnessed by the Town's officials, homeowners of 6199 N 44th Street and 4424 E Valley Vista Ln, LDG and Gookin engineers. There were no evident diversions of the historic flows observed. Improvements of 6199 N 44th Street property do not have an adverse impact to downstream properties. The runoff ultimately reaches a point west of the driveway entrance of 4424 E Valley Vista Ln. The entire test was video recorded and a disc was provided to Mr. Richard Edwards.

Drainage Narrative

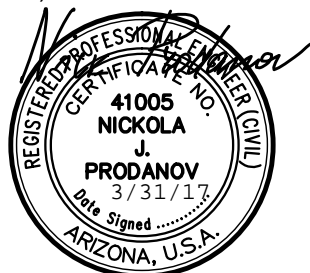
Site is located in FEMA Flood Zone "X" according to Flood Insurance Rate Map (FIRM) #: 04013C, Panel 1765 of 4425, Suffix L, dated October 16th, 2013, as published by FEMA. The FIRM Panel defines Zone "X" as follows: "Areas determined to be outside the 0.2% annual chance floodplain".

At each point of discharge, rock outlet structures are proposed as energy dissipaters. Rock outlet structures will be installed with harvested from the site large boulders for erosion protection and to minimize the visual impact of the pipe opening. Existing excessive riprap that currently sits above the adjacent grade will be removed from the site. Riprap that will remain on site will be set in colored concrete to blend in with the surrounding native desert colors typical for the subject site. Historic drainage patterns and magnitudes are restored and preserved.

On-site retention with 50% reduction coefficient as directed by the Town Engineer is provided near the site outfall. This retention basin will attenuate the flows that currently leave the property and will keep the silt on site instead of depositing onto the street right-of-way.

In conclusion, the project site has the potential to collect, convey and discharge runoff safely and effectively. The proposed improvements reduce the drainage impact to the neighboring lots downstream and will not result in changes to the existing and historic drainage patterns or magnitudes.

Respectfully Submitted,



Nick Prodanov, PE, PMP EXPIRES 06/30/2019
Principal
Land Development Group, LLC

Enclosures:

- Maps and Photos Exhibits
- Topographic Survey
- Grading and Drainage Plan
- Previously Approved Civil Plans
- Aerial Map with Proposed Improvements

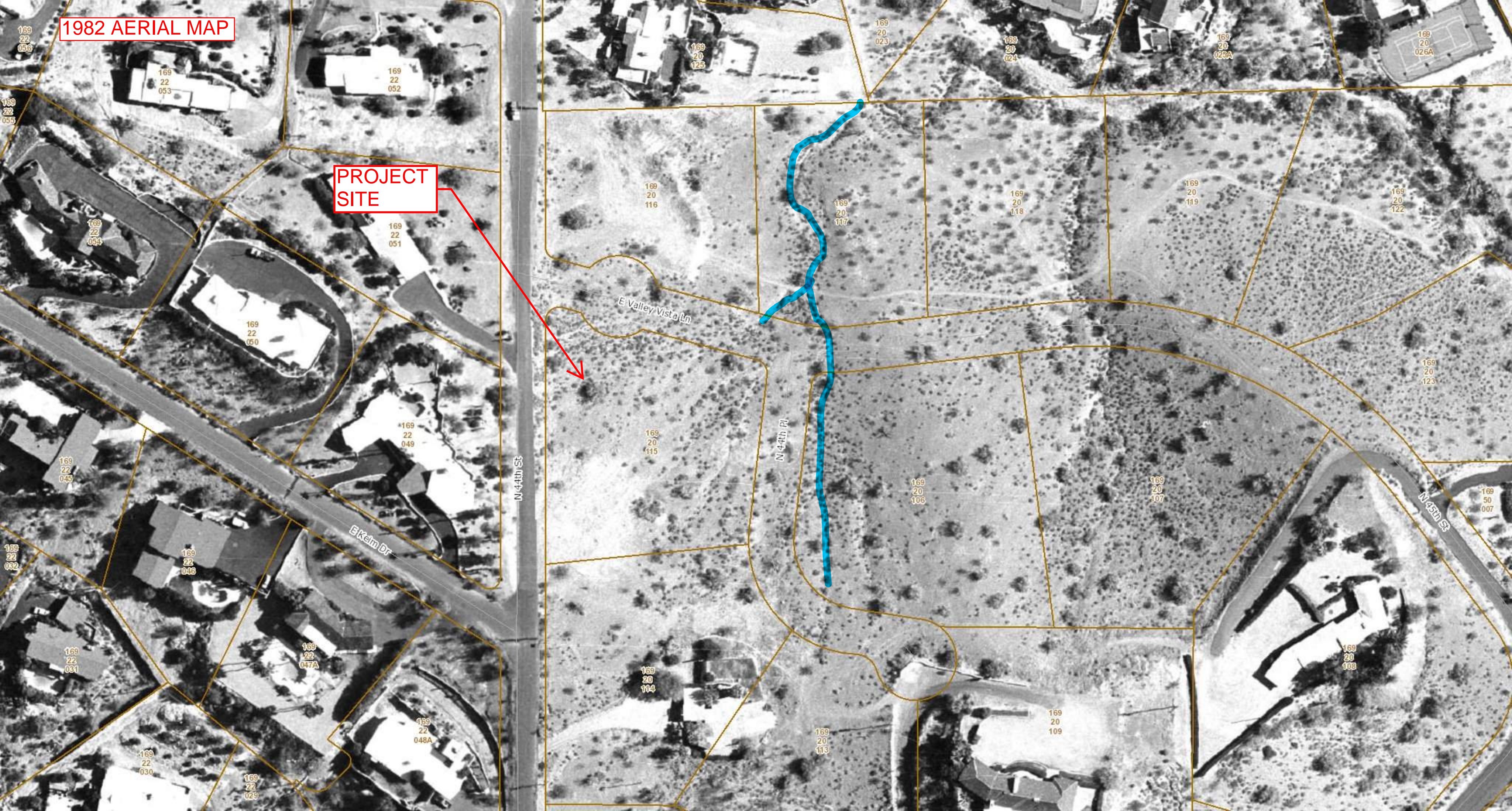
1959 AERIAL MAP

PROJECT
SITE



1982 AERIAL MAP

PROJECT
SITE



1999 AERIAL MAP

PROJECT
SITE



2002 AERIAL MAP

PROJECT
SITE



2004 AERIAL MAP

PROJECT
SITE

2006 AERIAL MAP



PROJECT
SITE

E Valley Vista Ln

N 44th St

N 44th Pl

E Keim Dr

N 45th St

[illegible]

An aerial photograph of a residential neighborhood. A red arrow points from a red box labeled "PROJECT SITE" to a specific lot. The lot is located at the intersection of E Valley Vista Ln and N 44th Pl. The surrounding area includes several other houses, some with swimming pools, and a tennis court. The map is overlaid with yellow lines indicating property boundaries. A red box in the top left corner is labeled "2010 AERIAL MAP".

[illegible]

An aerial photograph of a suburban neighborhood with yellow parcel boundaries overlaid. A red arrow points from a white box labeled "PROJECT SITE" to a specific lot at the intersection of E Valley Vista Ln and N 44th Pl. Other street names visible include E Kelm Dr and N 45th St. Numerous lots are labeled with their respective addresses, such as 169 22 056, 169 20 125, 169 20 116, 169 20 117, 169 20 118, 169 20 119, 169 20 122, 169 20 123, 169 20 107, 169 20 106, 169 20 115, 169 20 114, 169 20 113, 169 20 109, 169 20 108, 169 20 103, 169 20 102, 169 20 101, 169 20 100, 169 20 099, 169 20 098, 169 20 097, 169 20 096, 169 20 095, 169 20 094, 169 20 093, 169 20 092, 169 20 091, 169 20 090, 169 20 089, 169 20 088, 169 20 087, 169 20 086, 169 20 085, 169 20 084, 169 20 083, 169 20 082, 169 20 081, 169 20 080, 169 20 079, 169 20 078, 169 20 077, 169 20 076, 169 20 075, 169 20 074, 169 20 073, 169 20 072, 169 20 071, 169 20 070, 169 20 069, 169 20 068, 169 20 067, 169 20 066, 169 20 065, 169 20 064, 169 20 063, 169 20 062, 169 20 061, 169 20 060, 169 20 059, 169 20 058, 169 20 057, 169 20 056, 169 20 055, 169 20 054, 169 20 053, 169 20 052, 169 20 051, 169 20 050, 169 20 049, 169 20 048, 169 20 047, 169 20 046, 169 20 045, 169 20 044, 169 20 043, 169 20 042, 169 20 041, 169 20 040, 169 20 039, 169 20 038, 169 20 037, 169 20 036, 169 20 035, 169 20 034, 169 20 033, 169 20 032, 169 20 031, 169 20 030, 169 20 029, 169 20 028, 169 20 027, 169 20 026, 169 20 025, 169 20 024, 169 20 023, 169 20 022, 169 20 021, 169 20 020, 169 20 019, 169 20 018, 169 20 017, 169 20 016, 169 20 015, 169 20 014, 169 20 013, 169 20 012, 169 20 011, 169 20 010, 169 20 009, 169 20 008, 169 20 007, 169 20 006, 169 20 005, 169 20 004, 169 20 003, 169 20 002, 169 20 001. The project site is located on the east side of N 44th Pl, south of E Valley Vista Ln.

[illegible][illegible]

2010 AERIAL MAP

PROJECT SITE

The image is an aerial photograph of a residential neighborhood. A red arrow points from a white box labeled "PROJECT SITE" to a specific location on the map. The map shows several streets: E Valley Vista Ln, N 44th Pl, E Kelm Dr, and N 45th St. Numerous houses are visible, many with swimming pools. Property addresses are labeled throughout the map, such as 169 22 056, 169 22 053, 169 22 052, 169 22 051, 169 22 050, 169 22 049, 169 22 046, 169 22 047A, 169 22 048A, 169 22 030, 169 22 029, 169 20 125, 169 20 023, 169 20 024, 169 20 025A, 169 20 116, 169 20 117, 169 20 118, 169 20 119, 169 20 122, 169 20 123, 169 20 106, 169 20 107, 169 20 108, 169 20 109, 169 20 114, 169 20 113, 169 20 108, 169 20 107, 169 20 106, 169 20 115, 169 20 116, 169 20 117, 169 20 118, 169 20 119, 169 20 122, 169 20 123, 169 20 124, 169 20 125, 169 20 126, 169 20 127, 169 20 128, 169 20 129, 169 20 130, 169 20 131, 169 20 132, 169 20 133, 169 20 134, 169 20 135, 169 20 136, 169 20 137, 169 20 138, 169 20 139, 169 20 140, 169 20 141, 169 20 142, 169 20 143, 169 20 144, 169 20 145, 169 20 146, 169 20 147, 169 20 148, 169 20 149, 169 20 150, 169 20 151, 169 20 152, 169 20 153, 169 20 154, 169 20 155, 169 20 156, 169 20 157, 169 20 158, 169 20 159, 169 20 160, 169 20 161, 169 20 162, 169 20 163, 169 20 164, 169 20 165, 169 20 166, 169 20 167, 169 20 168, 169 20 169, 169 20 170, 169 20 171, 169 20 172, 169 20 173, 169 20 174, 169 20 175, 169 20 176, 169 20 177, 169 20 178, 169 20 179, 169 20 180, 169 20 181, 169 20 182, 169 20 183, 169 20 184, 169 20 185, 169 20 186, 169 20 187, 169 20 188, 169 20 189, 169 20 190, 169 20 191, 169 20 192, 169 20 193, 169 20 194, 169 20 195, 169 20 196, 169 20 197, 169 20 198, 169 20 199, 169 20 200, 169 20 201, 169 20 202, 169 20 203, 169 20 204, 169 20 205, 169 20 206, 169 20 207, 169 20 208, 169 20 209, 169 20 210, 169 20 211, 169 20 212, 169 20 213, 169 20 214, 169 20 215, 169 20 216, 169 20 217, 169 20 218, 169 20 219, 169 20 220, 169 20 221, 169 20 222, 169 20 223, 169 20 224, 169 20 225, 169 20 226, 169 20 227, 169 20 228, 169 20 229, 169 20 230, 169 20 231, 169 20 232, 169 20 233, 169 20 234, 169 20 235, 169 20 236, 169 20 237, 169 20 238, 169 20 239, 169 20 240, 169 20 241, 169 20 242, 169 20 243, 169 20 244, 169 20 245, 169 20 246, 169 20 247, 169 20 248, 169 20 249, 169 20 250, 169 20 251, 169 20 252, 169 20 253, 169 20 254, 169 20 255, 169 20 256, 169 20 257, 169 20 258, 169 20 259, 169 20 260, 169 20 261, 169 20 262, 169 20 263, 169 20 264, 169 20 265, 169 20 266, 169 20 267, 169 20 268, 169 20 269, 169 20 270, 169 20 271, 169 20 272, 169 20 273, 169 20 274, 169 20 275, 169 20 276, 169 20 277, 169 20 278, 169 20 279, 169 20 280, 169 20 281, 169 20 282, 169 20 283, 169 20 284, 169 20 285, 169 20 286, 169 20 287, 169 20 288, 169 20 289, 169 20 290, 169 20 291, 169 20 292, 169 20 293, 169 20 294, 169 20 295, 169 20 296, 169 20 297, 169 20 298, 169 20 299, 169 20 300, 169 20 301, 169 20 302, 169 20 303, 169 20 304, 169 20 305, 169 20 306, 169 20 307, 169 20 308, 169 20 309, 169 20 310, 169 20 311, 169 20 312, 169 20 313, 169 20 314, 169 20 315, 169 20 316, 169 20 317, 169 20 318, 169 20 319, 169 20 320, 169 20 321, 169 20 322, 169 20 323, 169 20 324, 169 20 325, 169 20 326, 169 20 327, 169 20 328, 169 20 329, 169 20 330, 169 20 331, 169 20 332, 169 20 333, 169 20 334, 169 20 335, 169 20 336, 169 20 337, 169 20 338, 169 20 339, 169 20 340, 169 20 341, 169 20 342, 169 20 343, 169 20 344, 169 20 345, 169 20 346, 169 20 347, 169 20 348, 169 20 349, 169 20 350, 169 20 351, 169 20 352, 169 20 353, 169 20 354, 169 20 355, 169 20 356, 169 20 357, 169 20 358, 169 20 359, 169 20 360, 169 20 361, 169 20 362, 169 20 363, 169 20 364, 169 20 365, 169 20 366, 169 20 367, 169 20 368, 169 20 369, 169 20 370, 169 20 371, 169 20 372, 169 20 373, 169 20 374, 169 20 375, 169 20 376, 169 20 377, 169 20 378, 169 20 379, 169 20 380, 169 20 381, 169 20 382, 169 20 383, 169 20 384, 169 20 385, 169 20 386, 169 20 387, 169 20 388, 169 20 389, 169 20 390, 169 20 391, 169 20 392, 169 20 393, 169 20 394, 169 20 395, 169 20 396, 169 20 397, 169 20 398, 169 20 399, 169 20 400, 169 20 401, 169 20 402, 169 20 403, 169 20 404, 169 20 405, 169 20 406, 169 20 407, 169 20 408, 169 20 409, 169 20 410, 169 20 411, 169 20 412, 169 20 413, 169 20 414, 169 20 415, 169 20 416, 169

2011 AERIAL MAP

PROJECT
SITE



2013 AERIAL AND TOPOGRAPHY MAP



PROJECT
SITE

GOOGLE STREET VIEW
2008

PROJECT
SITE



GOOGLE STREET VIEW
2011

PROJECT
SITE



GOOGLE STREET VIEW
2014

PROJECT
SITE

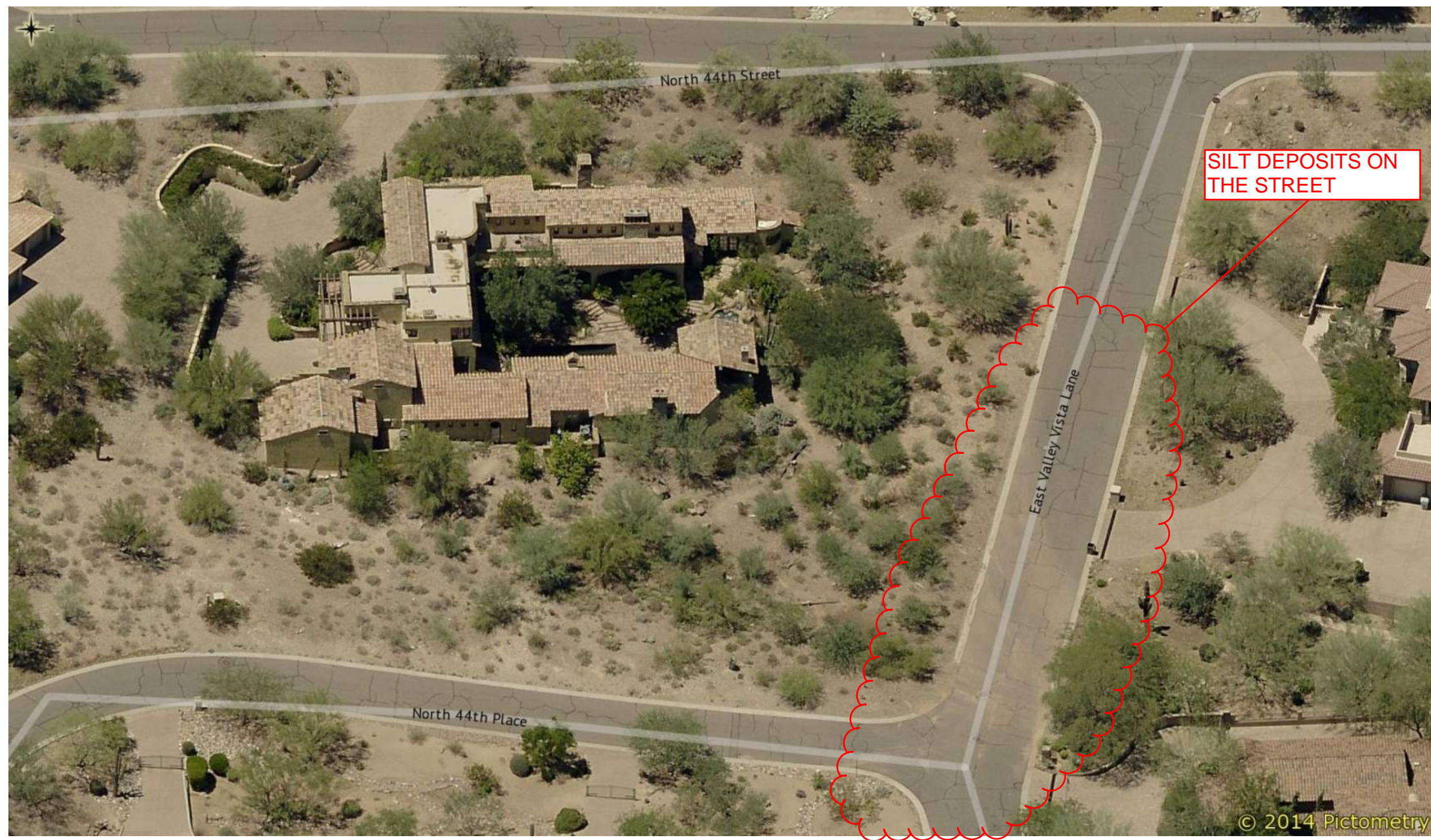


2006 Aerial NE



© 2006 Pictometry

2014 Aerial NE



08/20/2014

FOUND BRASS CAP IN HANDHOLE

PRAYING MONK VIEW ESTATES
BOOK 158 - PAGE 49

VILLA MADEROS del CUENTA
BOOK 127 - PAGE 2

FINAL PLAT 375-04

THE SANCTUARY

A HILLSIDE SUBDIVISION

A SUBDIVISION OF A PORTION OF LOT 11, SECTION 1, T.2 N., R.4 E.,
G. & S.R.B. & M., MARICOPA COUNTY, ARIZONA.

DEDICATION:

State of Arizona ss.
County of Maricopa ss.

KNOW ALL MEN BY THESE PRESENTS: THAT ROSALEE ARIZONA CACTUS, INC., A DELAWARE CORPORATION, AS LEGAL OWNER OF SAID REAL PROPERTY, HAS SUBDIVIDED UNDER THE NAME OF 'THE SANCTUARY', A PORTION OF LOT 11, SECTION 1, T.2 N., R.4 E., G. & S.R.B. & M., MARICOPA COUNTY, ARIZONA, AS SHOWN AND PLATTED HEREON, AND HEREBY PUBLISHES THIS PLAT AND HEREBY DECLARES THAT THIS PLAT SETS FORTH THE LOCATION AND GIVES THE DIMENSIONS OF THE LOTS AND STREETS CONSTITUTING SAME AND THAT EACH LOT AND STREET SHALL BE KNOWN BY THE NUMBER OR NAME GIVEN TO EACH RESPECTIVELY ON THIS PLAT, AND HEREBY DEDICATES AND GRANTS TO THE TOWN OF PARADISE VALLEY THE STREETS AND RIGHTS OF WAY SHOWN ON THIS PLAT AND INCLUDED IN THE ABOVE DESCRIBED PREMISES. EASEMENTS ARE HEREBY DEDICATED FOR THE PURPOSES SHOWN.

SCALE: 1"=80'

STATE OF ARIZONA ss.
County of Maricopa ss.
I hereby certify that the within instrument was filed and recorded at request of
Town of Paradise Valley
4-21-94 4:42
in Book 375
on page 4
Witness my hand and official seal the day and year aforesaid.
Helen Dorell County Recorder
By John P. Miller Deputy Recorder
94-352460 RECORDING NUMBER

IN WITNESS WHEREOF: ROSALEE ARIZONA CACTUS, INC., AS OWNER, HAS HEREUNTO CAUSED ITS CORPORATE NAME TO BE AFFIXED BY THE UNDERSIGNED OFFICER, THEREUNTO DULY AUTHORIZED THIS 15th DAY OF MARCH, 1994.

BY: [Signature] ATTEST: [Signature]

ACKNOWLEDGEMENTS:

State of Arizona ss.
County of Maricopa ss.

THIS 15th DAY OF MARCH, 1994, THE FOLLOWING PERSONS PERSONALLY APPEARED BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC: John P. Miller AND John P. Miller WHO ACKNOWLEDGED (S) THEMSELVES TO BE OFFICERS OF THE TOWN OF PARADISE VALLEY AND ACKNOWLEDGED (S) THEMSELVES TO BE THE LEGAL OWNERS OF THE PROPERTY PLATTED HEREON, AND ACKNOWLEDGED (S) THAT THEY AS LEGAL OWNER, EXECUTED THIS INSTRUMENT FOR THE PURPOSES HEREIN CONTAINED.

IN WITNESS WHEREOF: I HERETO SET MY HAND AND OFFICIAL SEAL.

MY COMMISSION EXPIRES: 9/30/97 FRED FLEET NOTARY PUBLIC

RATIFICATION:

State Savings Bank, FSB
AS MORTGAGEE(S) OF THE SANCTUARY, HEREBY RATIFIES, APPROVES AND ACQUIRES IN THE DEDICATIONS AS STATED IN THIS DEDICATION.

BY: John P. Miller A.P.

ACKNOWLEDGEMENT:

State of Arizona ss.
County of Maricopa ss.

THIS 23rd DAY OF MARCH, 1994, THE FOLLOWING PERSONS PERSONALLY APPEARED BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC: John P. Miller AND John P. Miller WHO ACKNOWLEDGED (S) THEMSELVES TO BE OFFICERS OF THE TOWN OF PARADISE VALLEY AND ACKNOWLEDGED (S) THEMSELVES TO BE THE LEGAL OWNERS OF THE PROPERTY PLATTED HEREON, AND ACKNOWLEDGED (S) THAT THEY AS LEGAL OWNER, EXECUTED THIS INSTRUMENT FOR THE PURPOSES HEREIN CONTAINED BY SIGNING THE NAME OF AS.

IN WITNESS WHEREOF: I HERETO SET MY HAND AND OFFICIAL SEAL.

MY COMMISSION EXPIRES: 9-9-97 Julie M. Griffin NOTARY PUBLIC

CERTIFICATION:

THIS IS TO CERTIFY THAT (1) THE SURVEY OF THE PREMISES DESCRIBED AND PLATTED HEREIN WAS MADE UNDER MY DIRECTION DURING THE MONTH OF SEPTEMBER, 1993, AND (2) THIS PLAT IS CORRECT AND ACCURATE, AND (3) THE MONUMENT OR MONUMENTS SHOWN HEREIN HAVE BEEN LOCATED AS DESCRIBED.

BY: [Signature] REGISTERED LAND SURVEYOR

APPROVAL:

APPROVED BY THE TOWN COUNCIL OF THE TOWN OF PARADISE VALLEY, ARIZONA, THIS 10th DAY OF MARCH, 1994.

BY: John P. Miller MAYOR ATTEST: Anne Hancock TOWN CLERK
John P. Miller TOWN ENGINEER 4/15/94 John P. Miller PLANNING DIRECTOR 4/15/94

GROSS AREA
26.30 ACRES

CASTRO • FLEET ENGINEERING, INC.
1702 EAST HIGHLAND AVENUE, #200 - PHOENIX, ARIZONA 85016 - PHONE (602) 264-3335

Sheet
1/3

FOOTHILLS UNIT 2
BOOK 12 - PAGE 14

— INDICATES FOUND 1/2" REBAR (UNLESS NOTED OTHERWISE).
— INDICATES FOUND 3/4" IRON PIPE (UNLESS NOTED OTHERWISE).

CURVE DATA TABLE					
C 1	R: 12.00'	L: 15.11'	T: 9.21'	Δ: 15°00'00"	
C 2	R: 12.00'	L: 21.39'	T: 15.64'	Δ: 105°00'00"	
C 3	R: 45.00'	L: 89.36'	T: 67.35'	Δ: 112°30'21"	
C 4	R: 45.00'	L: 89.36'	T: 67.35'	Δ: 112°30'21"	
C 5	R: 200.00'	L: 77.37'	T: 39.17'	Δ: 22°09'51"	
C 6	R: 120.00'	L: 17.11'	T: 10.38'	Δ: 81°42'57"	
C 7	R: 12.00'	L: 18.18'	T: 11.35'	Δ: 86°41'53"	
C 8	R: 120.00'	L: 154.83'	T: 91.18'	Δ: 88°42'39"	
C 9	R: 20.00'	L: 23.52'	T: 13.33'	Δ: 67°22'48"	
C 10	R: 45.00'	L: 89.36'	T: 67.35'	Δ: 247°22'48"	
C 11	R: 45.00'	L: 89.36'	T: 67.35'	Δ: 112°30'26"	

DRAINAGE EASEMENT RESTRICTIONS:

PURSUANT TO A.R.S. 9-463.01(C), AND ARTICLE 6-4 (E) (J) AND SECTION 6-3-8 OF THE CODE OF ORDINANCES OF THE TOWN OF PARADISE VALLEY, DRAINAGE EASEMENTS ARE FOR THE PURPOSES OF ALLOWING STORM, FLOOD AND OTHER WATERS TO PASS OVER, UNDER OR THROUGH THE LAND SET ASIDE FOR THE EASEMENT AND NOTHING WHICH MAY, TO ANY DEGREE, IMPEDE THE FLOW OF SUCH WATERS SHALL BE CONSTRUCTED, PLACED, PLANTED, OR ALLOWED TO GROW ON OR IN SUCH EASEMENTS. THE MAINTENANCE AND CLEARING OF THESE DRAINAGE EASEMENTS SHALL BE THE SOLE RESPONSIBILITY AND DUTY OF THE OWNER OF THE PROPERTY ON WHICH SAID EASEMENTS ARE PLATTED. HOWEVER, THE TOWN OF PARADISE VALLEY, A MUNICIPAL CORPORATION, MAY, IF THE TOWN DEEMS IT TO BE IN THE BEST INTERESTS OF THE HEALTH, SAFETY, OR WELFARE OF THE TOWN OF PARADISE VALLEY, CONSTRUCT AND/OR MAINTAIN DRAINAGE FACILITIES ON OR UNDER SUCH EASEMENTS. AGENTS AND EMPLOYEES OF THE TOWN OF PARADISE VALLEY SHALL HAVE FREE ACCESS TO AND FROM ALL PORTIONS OF SUCH EASEMENTS AT ALL TIMES.

NOTICE REGARDING WATER SUPPLY:

ON JUNE 9TH, 1993, THE ARIZONA DEPARTMENT OF WATER RESOURCES DESIGNATED PARADISE VALLEY WATER COMPANY AS A DESIGNATED WATER SERVICE AREA WHERE AN ASSURED WATER SUPPLY EXISTS.

BENCH MARK:

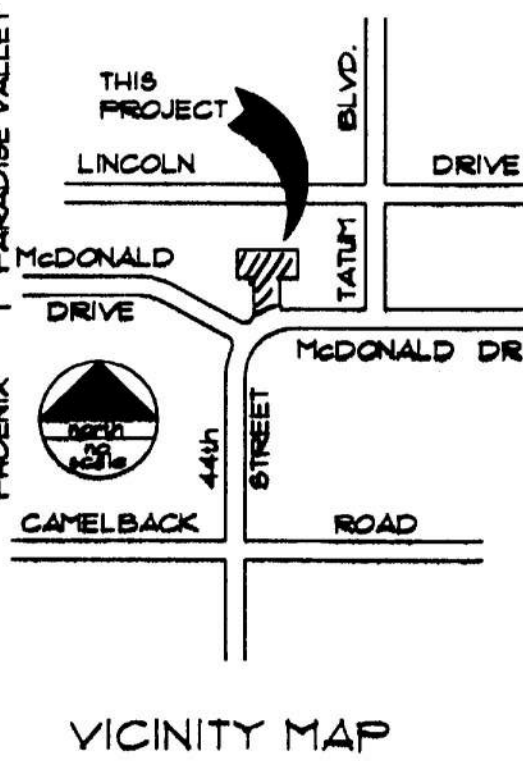
BRASS CAP AT THE INTERSECTION OF 44th STREET & McDONALD DRIVE
ELEVATION = 1310.29

NOTE:

ALL FINISHED FLOORS ARE TO BE A MINIMUM OF 12" ABOVE SURROUNDING TERRAIN PER SECTION 1024 OF THE TOWN OF PARADISE VALLEY ZONING ORDANCE

FOUND 1/2" REBAR
SE CORNER CAMELHEAD VISTA
AND SE CORNER LOT 11, T.2 N., R.4 E.

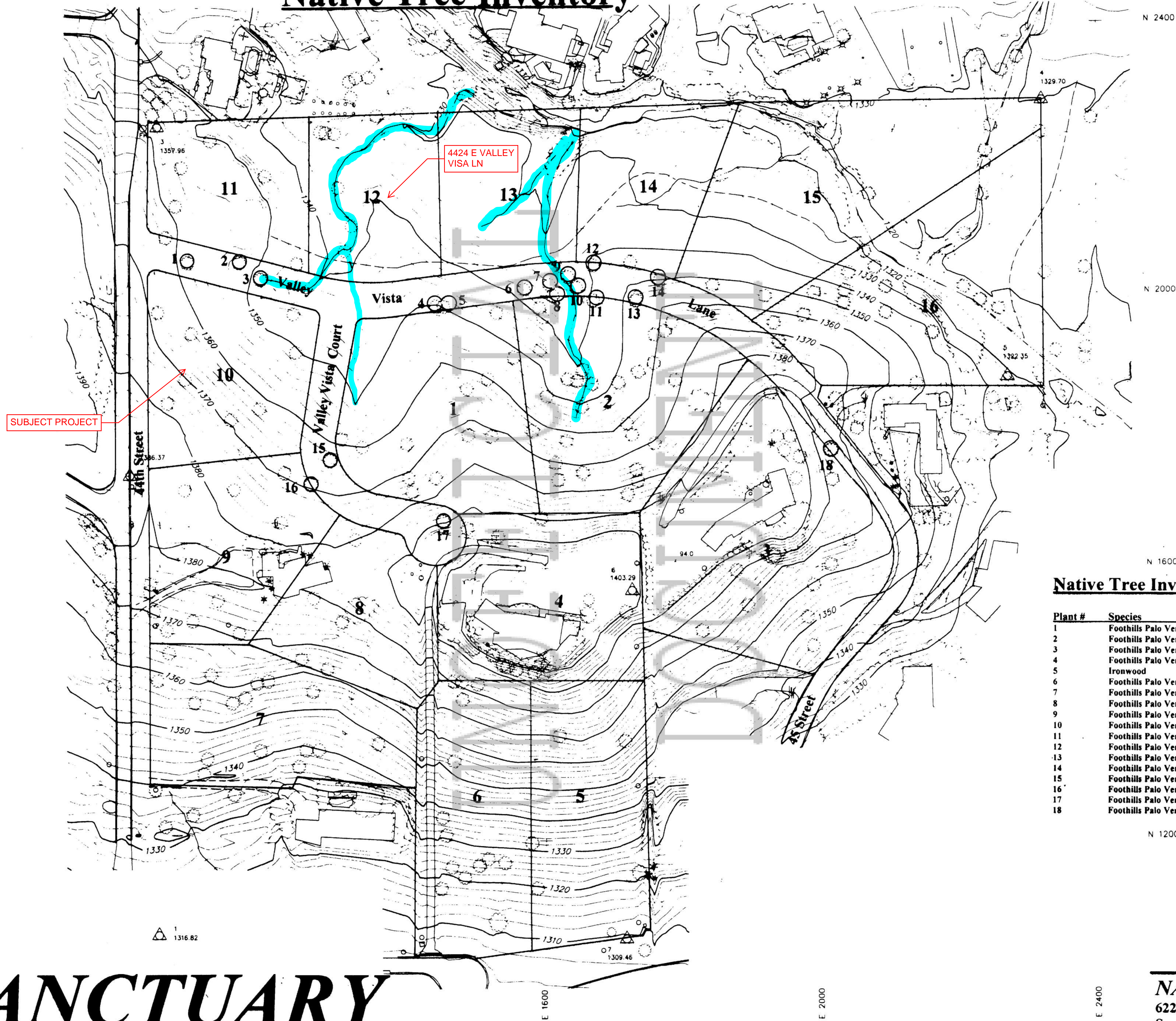
FOUND BRASS CAP
0.07' N, 14.95' E
SE CORNER LOT 11,
SECTION 1, T.2 N., R.4 E.



STATE OF ARIZONA | SS
County of Maricopa
I hereby certify that the within
instrument was filed and recorded
at request of
County of Paradise Valley
4-21-94 4:42
in Book 375
on page 4
Witness my hand and official
seal the day and year aforesaid.
Helen Powell County Recorder
By *L. Mary Ward* Deputy Recorder
94-323460
RECORDING NUMBER

RECORDER ORIGINAL

Native Tree Inventory



Native Tree Inventory Plant List

Plant #	Species	Diameter	Salvagable
1	Foothills Palo Verde	8"	No(unhealthy)
2	Foothills Palo Verde	12"	Yes
3	Foothills Palo Verde	12"	No(unstable)
4	Foothills Palo Verde	3"	Yes
5	Ironwood	8"	Yes
6	Foothills Palo Verde	8"	Yes
7	Foothills Palo Verde	8"	No(unhealthy)
8	Foothills Palo Verde	8"	Yes
9	Foothills Palo Verde	6"	No(unstable)
10	Foothills Palo Verde	8"	No(unstable)
11	Foothills Palo Verde	8"	No(unstable)
12	Foothills Palo Verde	12"	No(unstable)
13	Foothills Palo Verde	12"	Yes
14	Foothills Palo Verde	8"	Yes
15	Foothills Palo Verde	12"	No(unhealthy)
16	Foothills Palo Verde	8"	No(too steep)
17	Foothills Palo Verde	8"	No(too steep)
18	Foothills Palo Verde	6"	No(unstable)

THE
SANCTUARY

APPROXIMATELY
30 ACRES

NASH & ASSOCIATES, INC.
6220 East Thomas Road, Suite 301
Scottsdale, Arizona 85251
(602) 949-0344 Fax (602) 949-9823
Date: 6/27/95 Drawn By: JC Checked By: JN
Revisions: 10/20/95 11/1/95 11/12/95 1/21/96 Job No. FDC-375
KENNEY AERIAL
Sheet 3/3

porcini

CSP-195

Earthy and robust, the little Italian mushrooms were the perfect complement to our farewell dinner in Tuscany.

LRV : 19.9 ?

[</> EMBED COLOUR](#) [△ STORE LOCATOR](#)



GOES GREAT WITH



SIMILAR COLOURS



MORE SHADES



