

SLOPE ANALYSIS
OF

LOT 16 OF MUMMY MOUNTAIN ESTATES

A PARCEL OF LAND LOCATED IN THE SOUTHEAST QUARTER
OF SECTION 33, TOWNSHIP 3 NORTH, RANGE 4 EAST OF THE
GILA AND SALT RIVER BASE AND MERIDIAN,
MARICOPA COUNTY, ARIZONA.

LEGAL DESCRIPTION

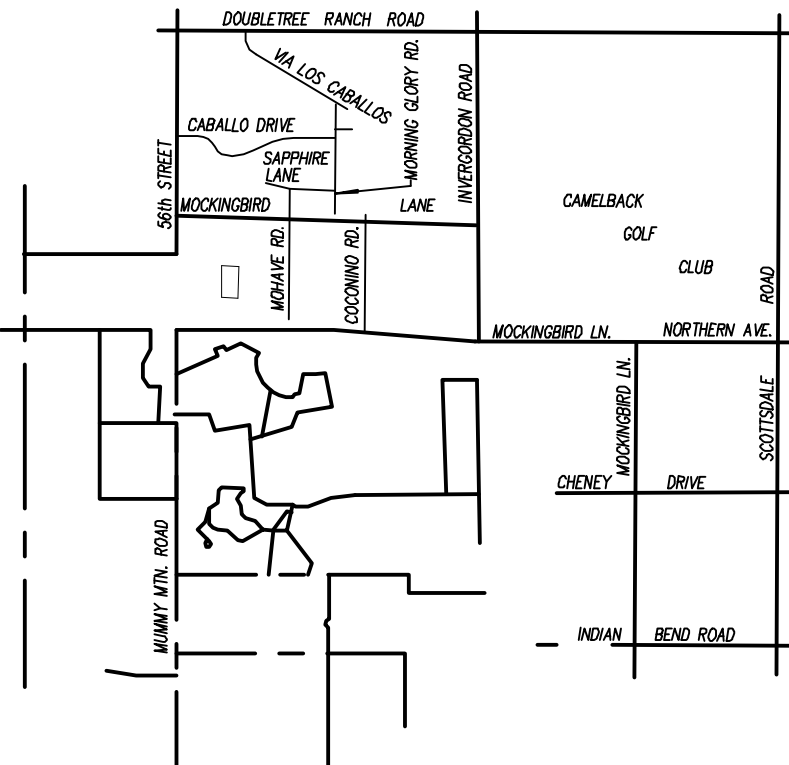
LOT 16 OF MUMMY MOUNTAIN ESTATES, A SUBDIVISION RECORDED
IN BOOK 49, PAGE 40, MARICOPA COUNTY RECORDER.

AREA = 220,090 S.F. = 5.0526 AC.

BENCHMARK

TOWN OF PARADISE VALLEY BRASS CAP FLUSH, 56TH
STREET AND MOCKINGBIRD LANE.

ELEVATION = 1349.97

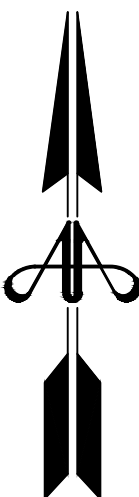


VICINITY MAP
N.T.S.

Section No.	Elevation Up	Elevation Down	Length	Slope	(l) (S)
1	1402	1393.5	91.23	9.32%	8.5
2	1409	1392.5	176.3	9.36%	16.5
3	1416	1392	261.38	9.18%	24
4	1425	1391.5	346.45	9.67%	33.5
5	1433.5	1393	431.53	9.39%	40.5
6	1438.5	1392.5	516.6	8.90%	46
7	1447.5	1392.5	601.68	9.14%	55
8	1455	1392.5	686.75	9.10%	62.5
9	1454	1394	686.74	8.74%	60
10	1447	1397	601.65	8.31%	50
11	1443	1401	516.56	8.13%	42
12	1437	1403.5	431.47	7.76%	33.5
13	1429	1406.5	346.37	6.50%	22.5
14	1428	1406	261.28	8.42%	22
15	1429.5	1416	176.19	7.66%	13.5
16	1429	1421	91.1	8.78%	8
TOTAL			6132.05		529.5

AVERAGE SLOPE = 529.50 / 6132.05 = 8.63%

SLOPE LINE: LENGTH = 244'
SLOPE = $\frac{1433-1410}{244} = 9.43\%$

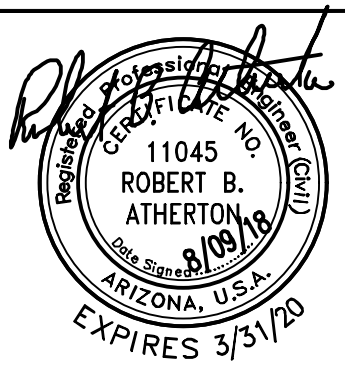


SCALE: 1"=40'



SLOPE ANALYSIS

LOT 16
MUMMY MOUNTAIN ESTATES



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SHEET 1 OF 1