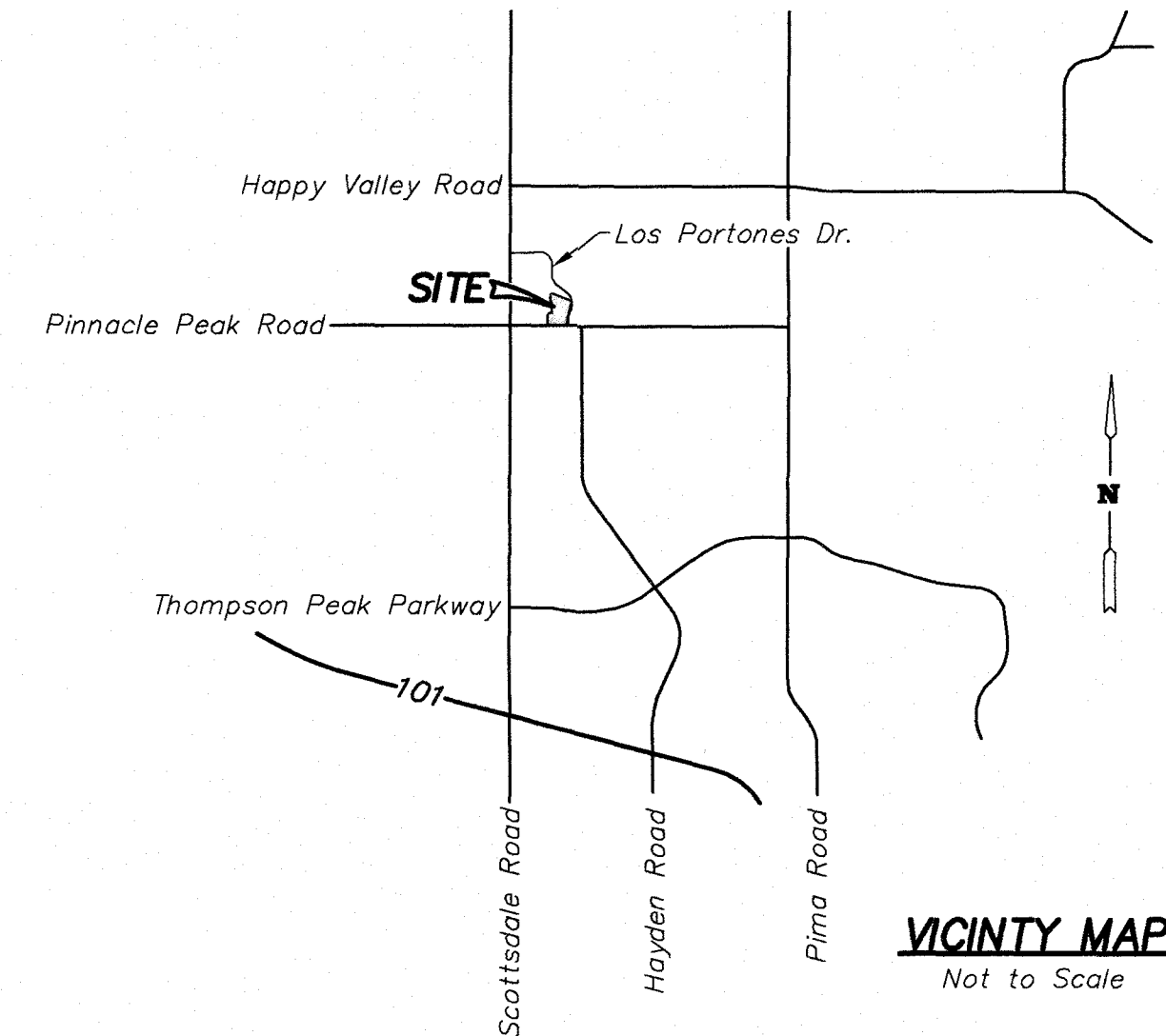


SLOPE ANALYSIS/NAOS CALCULATIONS PINNACLE PEAK PET RESORT



VICINITY MAP
Not to Scale

ASSESSOR'S PARCEL NO.

APN 212-05-531

BENCHMARK

MARICOPA COUNTY ENGINEERING
DEPARTMENT BRASS CAP IN HANDHOLE AT
THE SOUTH QUARTER CORNER OF SECTION
11, TOWNSHIP 4 NORTH, RANGE 4 EAST,
G&SRB&M, MARICOPA COUNTY, ARIZONA
ELEVATION=1878.317
(NAVD88 DATUM)

SLOPE ANALYSIS

AVERAGE DEVELOPABLE
SITE SLOPE= 2-3%

DRAINAGE CHANNEL
LONGITUDINAL SLOPE= 1.2%

DRAINAGE CHANNEL
SIDE SLOPES RANGE= 3:1 TO 12:1

NAOS CALCULATIONS

FOR SITE WITH SLOPES RANGED 2%-5%
REQUIRES 25% OF SITE AREA
TO BE DEDICATED AS NAOS

REQUIRES 0.25 x 41,418 = 10,355 SF

POSSIBLE NAOS PROVIDED (IF REQUIRED)
=11,325 SF

LINE TABLE

LINE	BEARING	LENGTH
L1	S89°59'18"E	40.00'
L2	N00°00'42"E	115.69'
L3	N76°07'37"W	16.48'
L4	N00°00'42"E	12.28'
L5	N03°37'59"E	41.56'
L6	S21°28'53"W	21.22'

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA
C1	18.00'	13.34'	42°27'47"
C2	20.00'	21.34'	61°08'40"

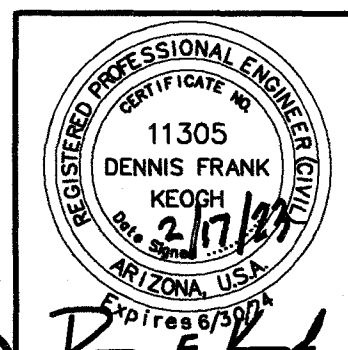
FLOOD INSURANCE RATE MAP INFORMATION

COMMUNITY NUMBER	PANEL # PANEL DATE	SUFFIX	DATE OF FIRM (Inbox Date)	FIRM ZONE	BASE FLOOD ELEVATION (In AO Zone, Use Depth)
045012	1310 7/20/21	M	7/20/21	AE	1869.5-1876.7

UTILITY NOTE

LOCATION OF ALL UTILITIES SHOWN ON THESE PLANS
ARE BASED ON INFORMATION SUPPLIED TO THE
SURVEYOR BY THE APPROPRIATE UTILITY COMPANIES.
THE SURVEYOR DOES NOT GUARANTEE THAT ALL
UTILITIES ARE SHOWN OR THEIR LOCATIONS. IT IS THE
RESPONSIBILITY OF THE CONTRACTOR OR OWNER TO
CONTACT BLUE STAKE AND ANY OTHER INVOLVED
AGENCIES TO LOCATE ALL UTILITIES.

SHEET 1 OF 1



PREPARED FOR
PINNACLE PEAK PET RESORT
SLOPE ANALYSIS/NAOS CALCULATIONS
PINNACLE PEAK PET RESORT

APN 212-05-531
7474 EAST PINNACLE PEAK ROAD
SCOTTSDALE, ARIZONA 85255

Keogh Engineering, Inc.
650 N. 137TH AVENUE #110 • GOODYEAR, ARIZONA 85338
PHONE: (602) 535-7260
EMAIL: keogh@keogheengineering.com

DRAWN BY
CHECKED BY
FIELD WORK BY
DATE
FEB., 2023

SPK/MDK
DFK
DJK
JOB NO. 22270

MAP NO. P-22270

Call at least two full working days
before you begin excavation.
ARIZONA811
Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100