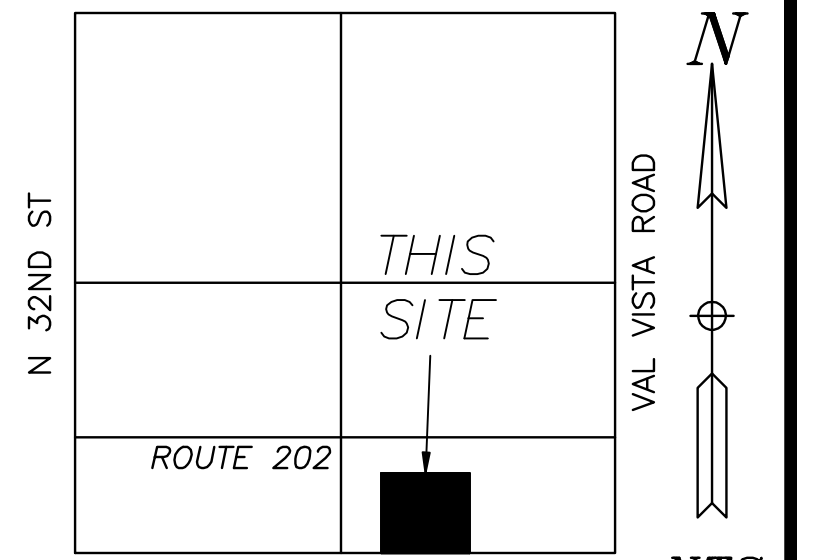
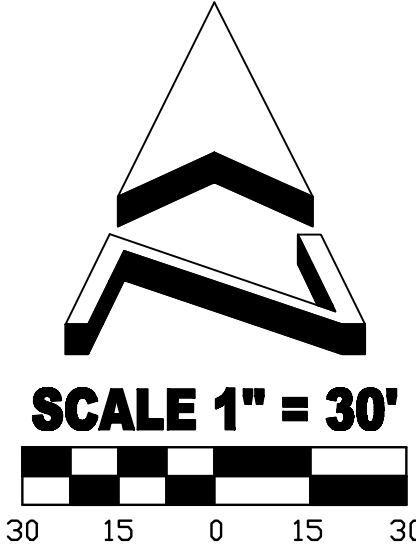


LEHI COVE

A PORTION OF SECTION 29, TOWNSHIP 2 NORTH, RANGE 6 EAST OF
THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY,
ARIZONA

STATE ROUTE 202



VICINITY MAP

N.T.S.

SITE DATA

APN: 141-21-005 P, R, Q, S, X, & Y
GROSS AREA: 347,218 S.F.
7.971 ACRES
NET AREA (65' ROW): 299,279 S.F.
6.870 ACRES
ZONING: AG
TOTAL LOTS = 90
TOTAL PARKING = 237

LEGEND

- DRYWELL
- DRAIN PIPE
- ⊗ WATER VALVE
- ⊙ FIRE HYDRANT
- WATER SERVICE
- ⊙ SEWER MANHOLE
- 8"-S 8" SEWERLINE
- 8"-W 8" WATERLINE

RETENTION CALCULATION

BASIN A

$$\frac{(7,120 + 3,121)3' + (7,947 + 3,747)3'}{2} = 32,903 \text{ C.F.}$$

BASIN B

$$\frac{(2,654 + 202)2.5'}{2} = 3,570 \text{ C.F.}$$

BASIN C

$$\frac{(3,386 + 2,251)}{2} = 2,818 \text{ C.F.}$$

BASIN D

$$\frac{(2,038 + 834)2'}{2} = 2,872 \text{ C.F.}$$

BASIN E

$$\frac{(1,771 + 1,111)}{2} = 1,441 \text{ C.F.}$$

BASIN F

$$\frac{(1,282 + 698)}{2} = 990 \text{ C.F.}$$

BASIN G

$$\frac{(1,771 + 1,111)}{2} = 1,441 \text{ C.F.}$$

BASIN H

$$\frac{(1,705 + 1,054)}{2} = 1,379 \text{ C.F.}$$

APN #141-20-004U
RHINO CONTRACTING LLC

BASIN C
TOP=1276.75
BOTTOM=1274.75
VOL PROV=2,518 C.F.
VOL NEEDED=2,546 C.F.

BASIN D
TOP=1276.75
BOTTOM=1274.75
VOL PROV=2,572 C.F.
VOL NEEDED=2,543 C.F.

BASIN H
TOP=1276.75
BOTTOM=1274.75
VOL PROV=1,379 C.F.
VOL NEEDED=858 C.F.

BASIN G
TOP=1277.50
BOTTOM=1276.50
VOL PROV=1,441 C.F.
VOL NEEDED=1,423 C.F.

BASIN E
TOP=1276.00
BOTTOM=1275.00
VOL PROV=1,441 C.F.
VOL NEEDED=1,006 C.F.

BASIN F
TOP=1277.50
BOTTOM=1276.50
VOL PROV=990 C.F.
VOL NEEDED=990 C.F.

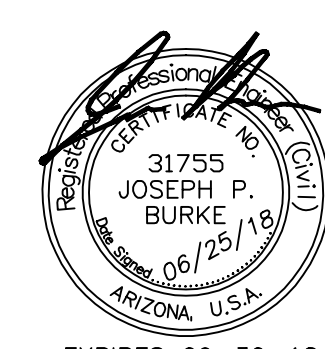
APN #141-21-004J
THOMAS VAL VISTA LLC

ALLEN
CONSULTING
ENGINEERS, INC.

4111 E. VALLEY AUTO DRIVE, SUITE 103
MESA, ARIZONA 85206
PHONE (480) 844-1666
E-MAIL: ace@allenconsultingengr.com

LEHI COVE
VAL VISTA & 202
GRADING & DRAINAGE & UTILITY PLAN

JOB NUMBER	95853	SHEET	1	OF	1
DRAWING	PRELIM-SITE G&D	CHECKED BY		DATE	06-25-18
DRAFTSMAN					



EXPIRES 09-30-18