

PRELIMINARY GRADING & DRAINAGE PLAN FOR SEDONA LOFTS

OWNER

MKC HOLDINGS LLC
15010 N 78TH WAY SUITE 109
SCOTTSDALE, AZ 85260
PHONE: (602) 390-9401
CONTACT: KEITH HOLBEN
EMAIL: kh@mkcompany.com

ENGINEER

LANDCOR CONSULTING
6859 E. REMBRANDT AVE. #124
MESA, AZ 85212
PHONE: (480) 734-9157
CONTACT: JOEL D. MILLER, P.E.
EMAIL: joel@landcorconsulting.com

RETENTION CALCULATIONS

RETENTION VOLUME REQUIRED:

Area (gross)	A (S.F.)	4.50 AC
	198,020	

A = Drainage Area in square feet
Cpre = 0.50 Undeveloped Desert Rangeland
Cpost = 0.94 Multiple Family Residential
 $\Delta C = Cpost - Cpre$ Runoff Coefficient
P = Precipitation Depth (100-yr, 2-hr) 2.64 inches
Vr = Retention Volume Required, cubic feet

$$Vr = C \times P/12 \times A$$

	Area (S.F.)	ΔC	Pre vs. Post Volume (C.F.)	First Flush Volume (C.F.)
DA1	198,020	0.44	18,975	8,168
Total Required	198,020		18,975	8,168

RETENTION VOLUME PROVIDED:

Basin No.	Top Area (S.F.)	Bot. Area (S.F.)	Depth (FT)	Volume Provided (C.F.)
1	6,760	3,617	3.0	15,566
2	1,908	757	3.0	3,998
TOTAL =				19,563

PROJECT DATA

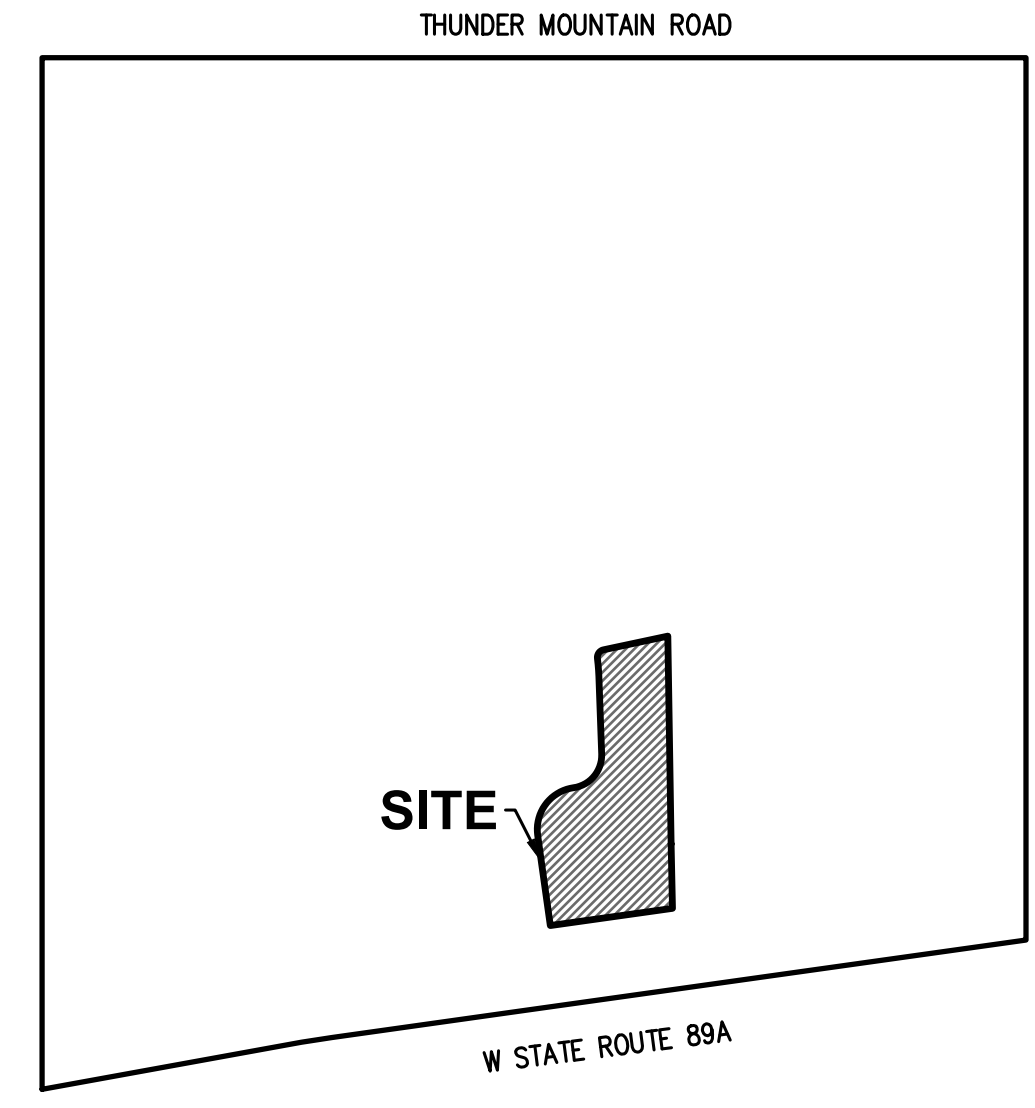
ADDRESS: 10 NAVAJO DR
CITY OF SEDONA
TAX ASSESSORS PARCEL NUMBER: 408-24-536B
ZONING: CO
PARCEL AREA: 196,020 SQFT. (4.5 ACRES)

LEGAL DESCRIPTION

PER 2019-0036008 YAVAPAI COUNTY RECORDER.

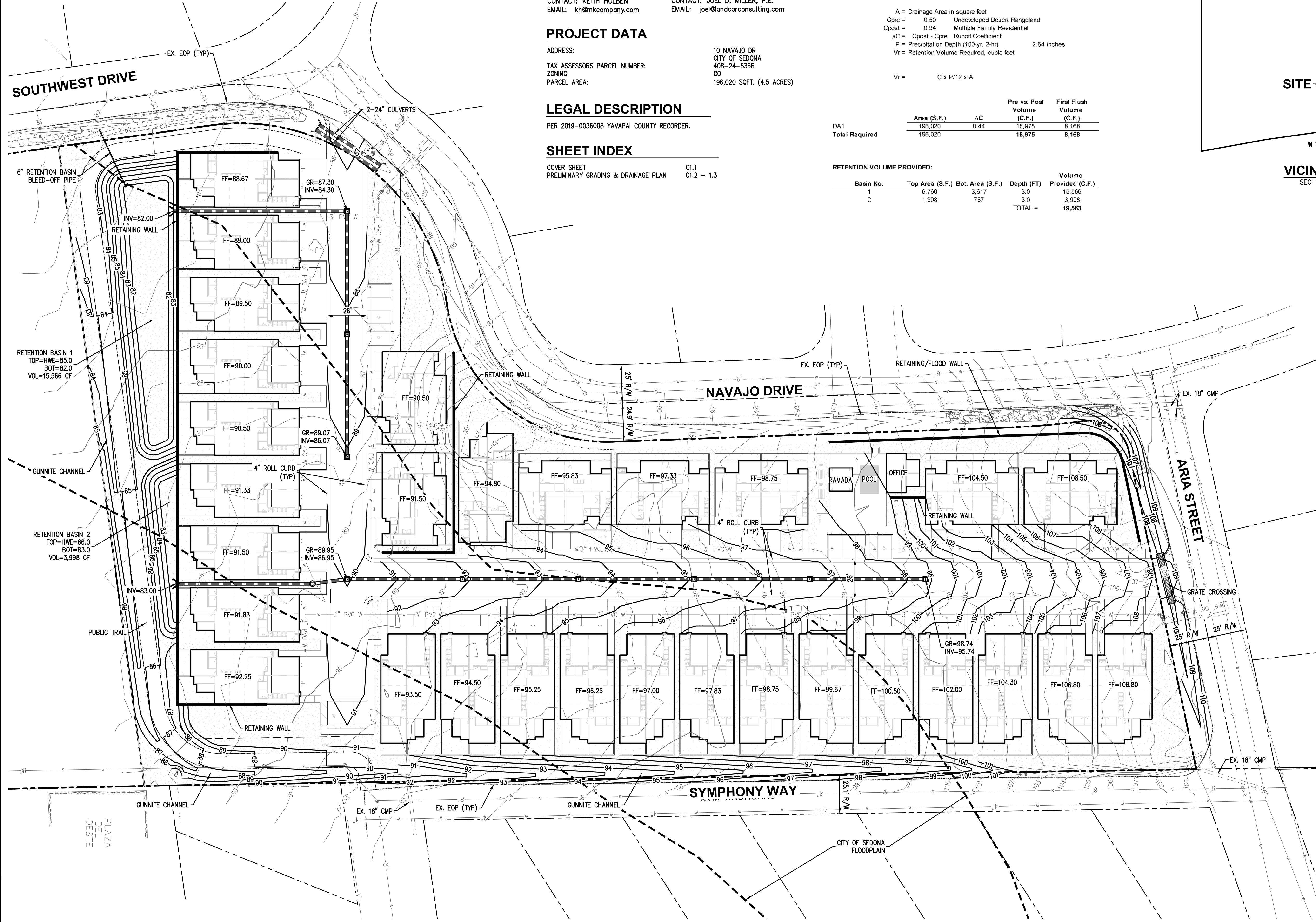
SHEET INDEX

COVER SHEET C1.1
PRELIMINARY GRADING & DRAINAGE PLAN C1.2 - 1.3

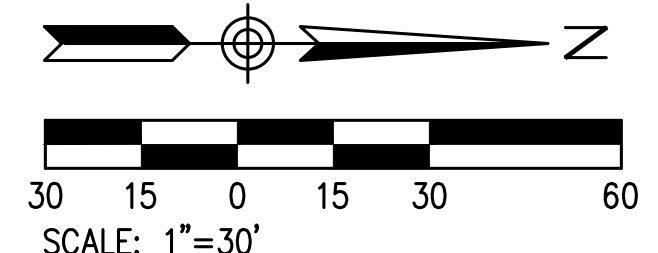
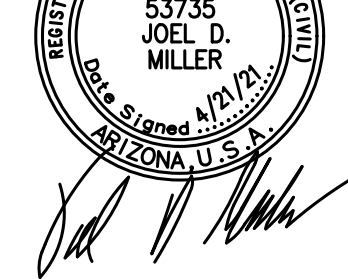


VICINITY MAP

SEC 11, T17N, R5E
NTS



**PRELIMINARY
NOT FOR
CONSTRUCTION**

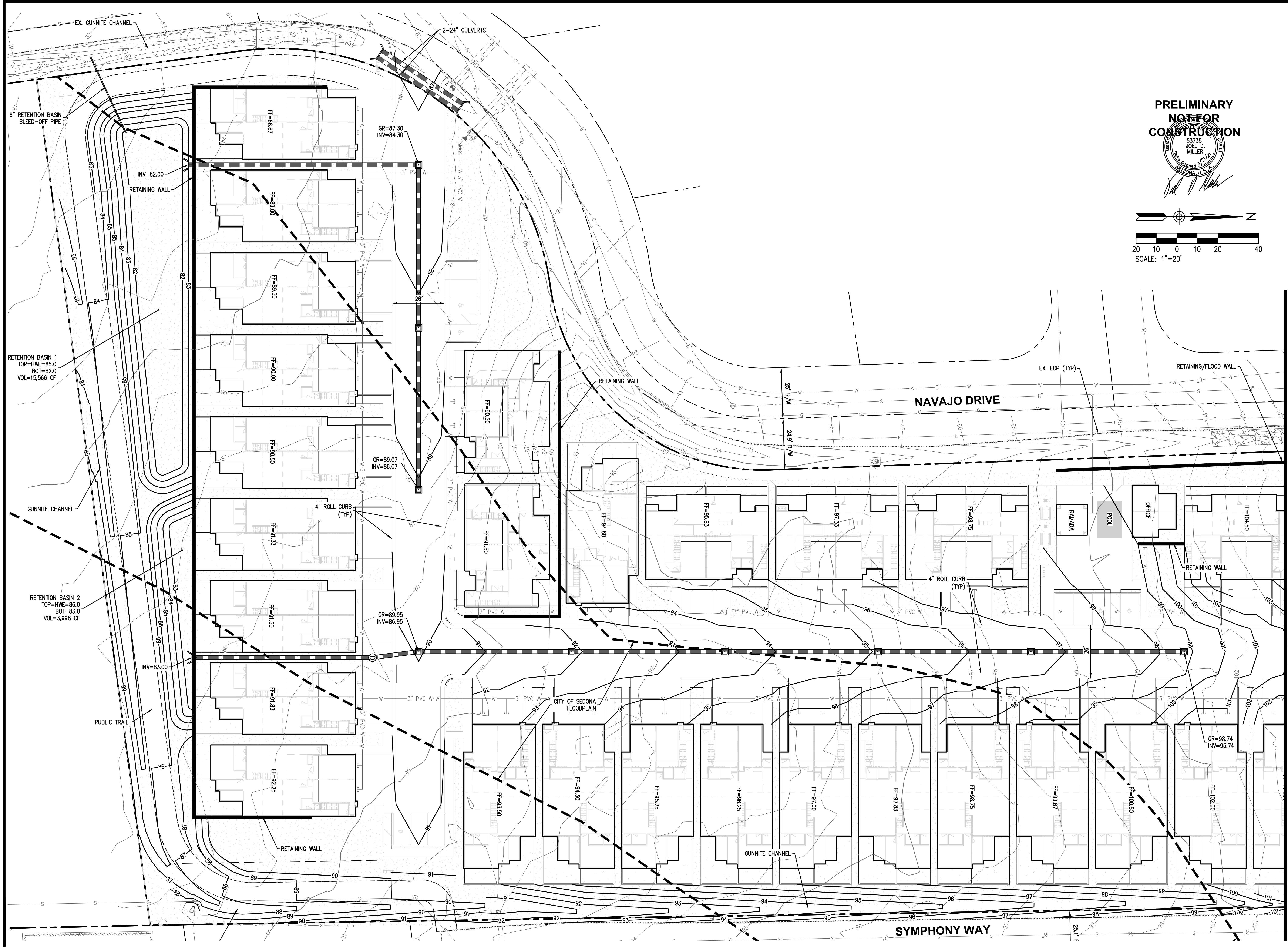


6859 E Rembrandt Ave, #124
Mesa, AZ 85212
Ph: (480) 223-8573
landcorconsulting.com

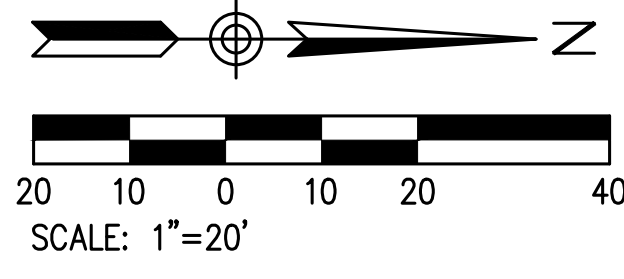
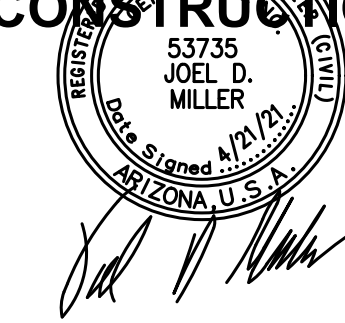
**LANDCOR
CONSULTING**

**NAVAJO LOFTS
PRELIMINARY GRADING & DRAINAGE PLAN**
10 NAVAJO DRIVE
SEDONA, ARIZONA

DATE:	
REVISIONS:	
PRELIMINARY GRADING & DRAINAGE PLAN	
DATE: 4/21/21	
PROJ. #: 1763	
C1.1	
1 OF 3	



**PRELIMINARY
NOT FOR
CONSTRUCTION**



6859 E Rembrandt Ave, #124
Mesa, AZ 85212
Ph: (480) 223-8573
landcorconsulting.com



NAVAJO LOFTS
PRELIMINARY GRADING & DRAINAGE PLAN
10 NAVAJO DRIVE
SEDONA, ARIZONA

DATE:

REVISIONS:

PRELIMINARY GRADING & DRAINAGE PLAN

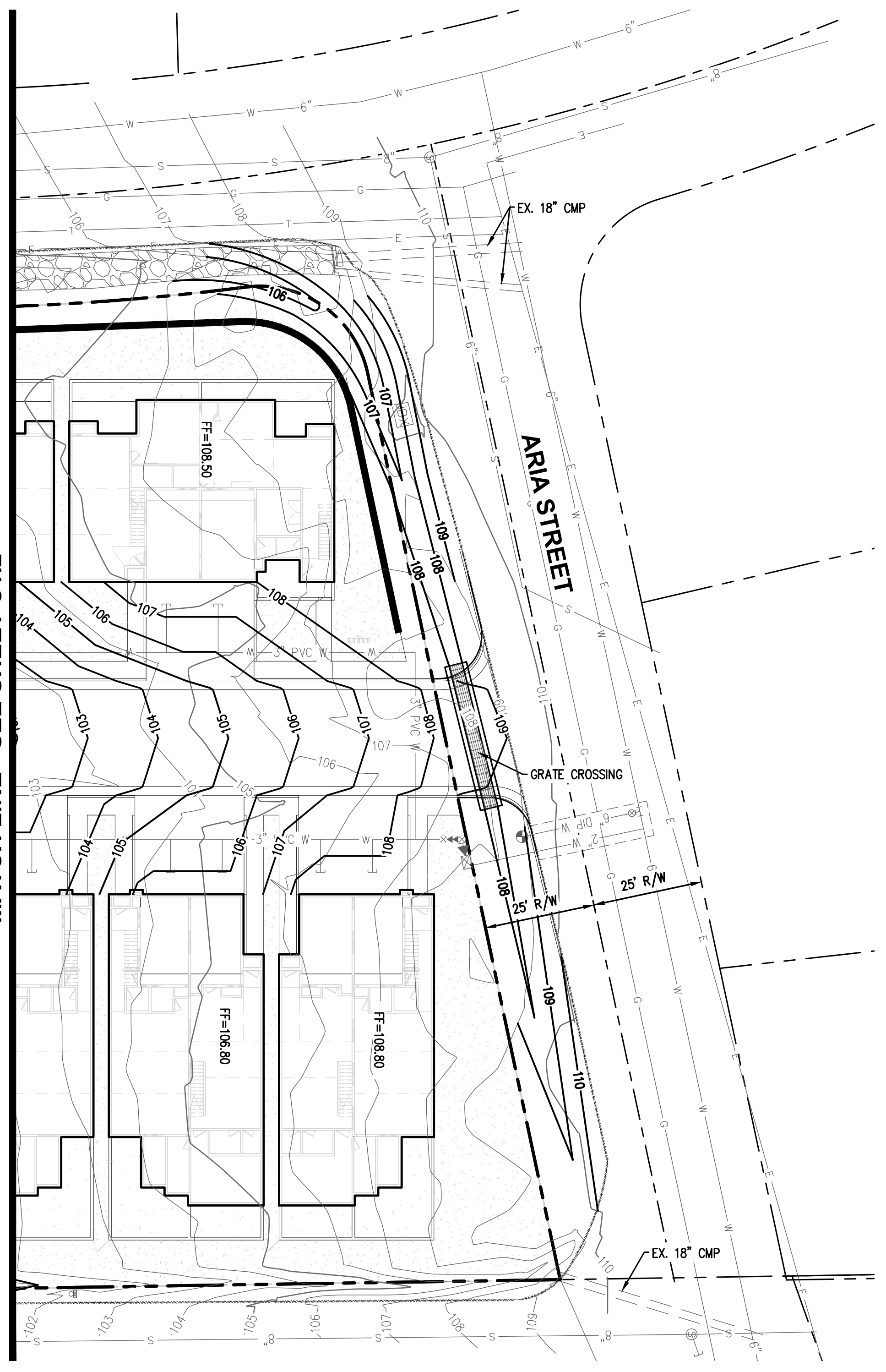
DATE: 4/21/21

PROJ. #: 1763

C1.2
2 OF 3

MATCH LINE - SEE SHEET C1.3

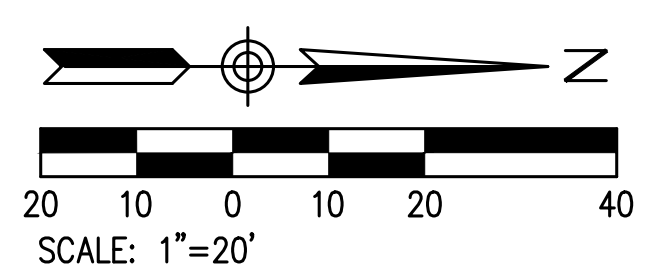
MATCH LINE - SEE SHEET C1.2



**PRELIMINARY
NOT FOR
CONSTRUCTION**

53735
JOEL D.
MILLER
Professional Engineer
No. 53735
Arizona, U.S.A.

Joel D. Miller



NAVAJO LOFTS
PRELIMINARY GRADING & DRAINAGE PLAN



10 NAVAJO DRIVE
SEDONA, ARIZONA

DATE:

REVISIONS:

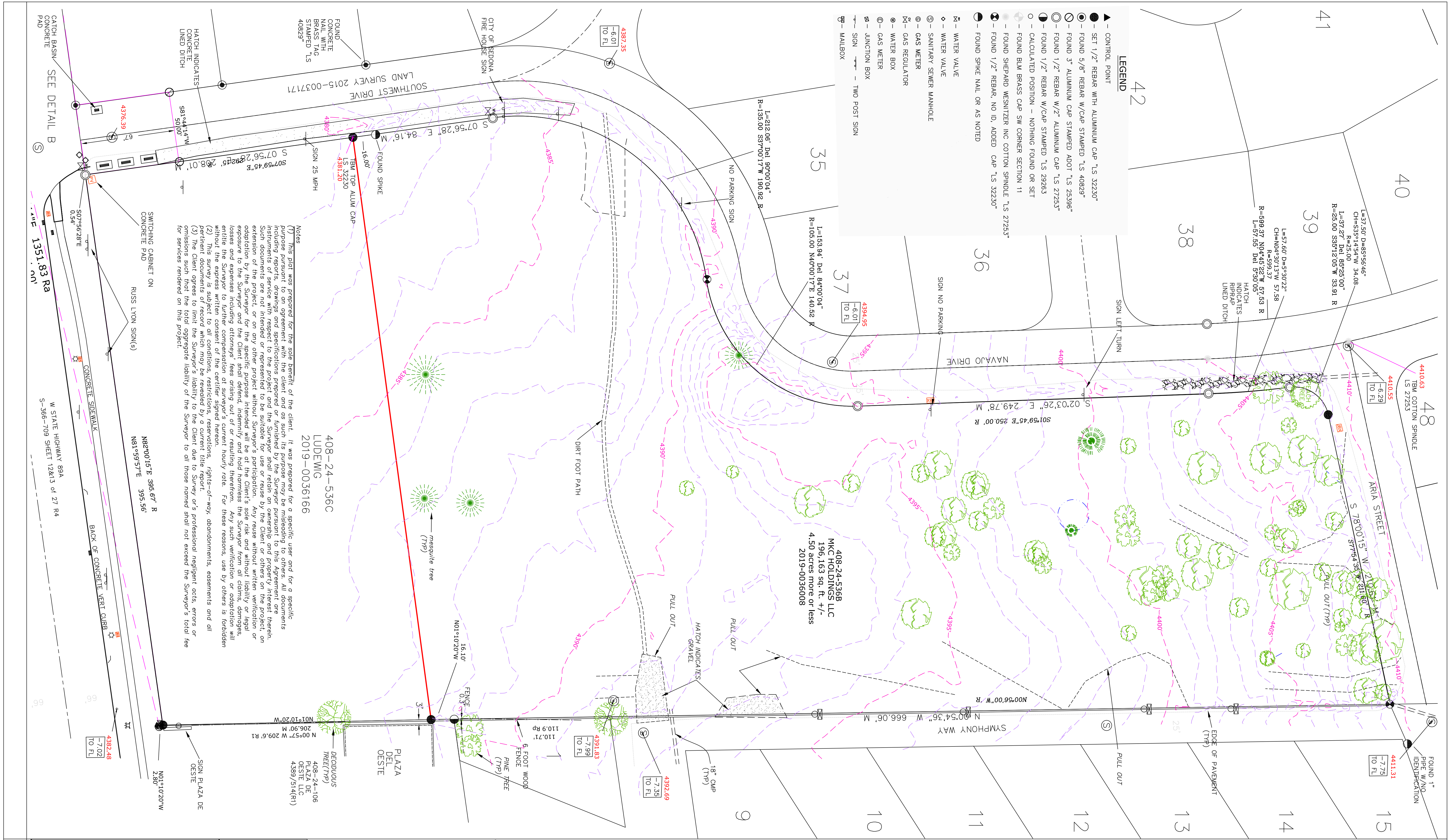
PRELIMINARY
GRADING &
DRAINAGE PLAN

DATE: 4/21/21

PROJ. #: 1763

C1.3
3 OF 3

6859 E Rembrandt Ave, #124
Mesa, AZ 85212
Ph: (480) 223-8573
landcorconsulting.com



- LEGEND**
- ▲ - CONTROL POINT
 - - SET 1/2" REBAR WITH ALUMINUM CAP "LS 32230"
 - - FOUND 5/8" REBAR W/CAP STAMPED "LS 40829"
 - - FOUND 3" ALUMINUM CAP STAMPED ADOIT "LS 25396"
 - - FOUND 1/2" REBAR W/2" ALUMINUM CAP "LS 27253"
 - - FOUND 1/2" REBAR W/CAP STAMPED "LS 29263"
 - - CALCULATED POSITION - NOTHING FOUND OR SET
 - - FOUND BLM BRASS CAP SW CORNER SECTION 11
 - - FOUND SHEPARD WESITZER INC COTTON SPINDLE "LS 27253"
 - - FOUND 1/2" REBAR, NO ID, ADDED CAP "LS 32230"
 - - FOUND SPIKE NAIL OR AS NOTED
 - ⊕ - WATER VALVE
 - ⊕ - SANITARY SEWER MANHOLE
 - ⊕ - GAS METER
 - ⊕ - GAS REGULATOR
 - ⊕ - WATER BOX
 - ⊕ - GAS METER
 - ⊕ - JUNCTION BOX
 - ⊕ - SIGN
 - ⊕ - TWO POST SIGN
 - ⊕ - MAILBOX

Notes:

(1) This plot was prepared for the sole benefit of the client. It was prepared for a specific user and for a specific purpose pursuant to an agreement with the client and as such its purpose may be misleading to others. All documents including reports, drawings and specifications prepared or furnished by the Surveyor pursuant to this Agreement are instruments of service with respect to the project and the Surveyor shall retain an ownership and property interest therein. Such documents are not intended or represented to be suitable for use or reuse by the Client or others on the project, on extension of the project, or on any other project without the Surveyor's participation. Any reuse without written verification or adaptation by the Surveyor for the specific purpose intended will be at the Client's sole risk and without liability or legal exposure to the Surveyor and the Client shall defend, indemnify and hold harmless the Surveyor from all claims, damages, losses and expenses including attorneys' fees arising out of or resulting therefrom. Any such verification or adaptation will without the express written consent of the certifier signed hereon.

(2) This survey is subject to all conditions, restrictions, reservations, rights-of-way, abutments, easements and all pertinent documents of record which may be revealed by a current title report.

(3) The client agrees to fund the surveyor's liability to the client due to survey or a professional negligent acts, errors or omissions rendered on this project.

408-24-536C
LUDEWIG
2019-0036166

408-24-536B
MKC HOLDINGS LLC
196,163 sq. ft. +/-
4.50 acres more or less
2019-0036008

408-24-106
PLAZA DEL
OESTE LLC
4389/514(R)

RIMROCK
LAND SURVEYS, LLC
Ivo W. Buddeke III, R.L.S.

5280 Bentley Dr., Rimrock, Arizona 86335
Phone (928) 567-1414

Job No. 190808KH
Owner
MKC HOLDINGS, LLC
Result of Survey
**SOUTHWEST OF
SOUTHWEST CENTER**
APN: 408-25-536B

Qtr	Sec	Tsp	Rng
SW	11	17N	5E

G. & S. R. B. & M.

DESIGN	NAME	DATE
DRAWN		
CHECKED	IVO	9/22/2019

DWG. NAME: 190808KH-SWCENTER.DWG



DATE OF SURVEY: 9/3/2019
IVO W. BUDDKE III
LS 32230
EXPIRES: 03/31/2022

TOPOGRAPHIC SURVEY

of Document No. 2019-0036008 Yavapai County Records,
APN 408-24-536B, 10 Navajo Drive
located in the Southwest Quarter of the Southwest Quarter of Section 11, Township 17 North,
Range 5 East of the Gila and Salt River Base and Meridian, Yavapai County, Arizona

