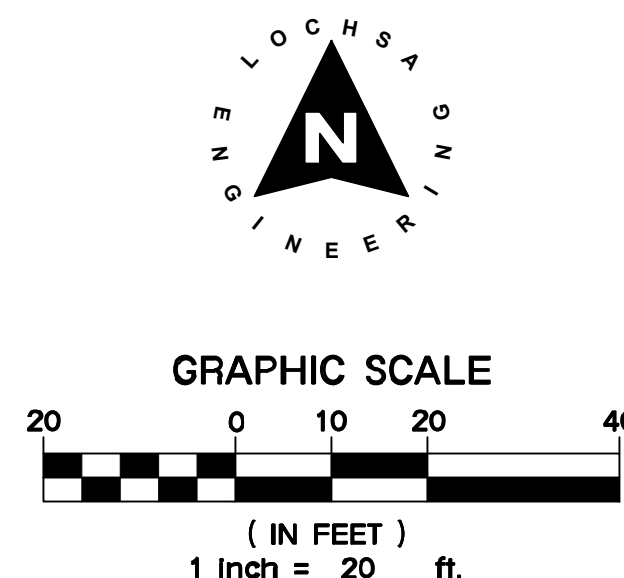
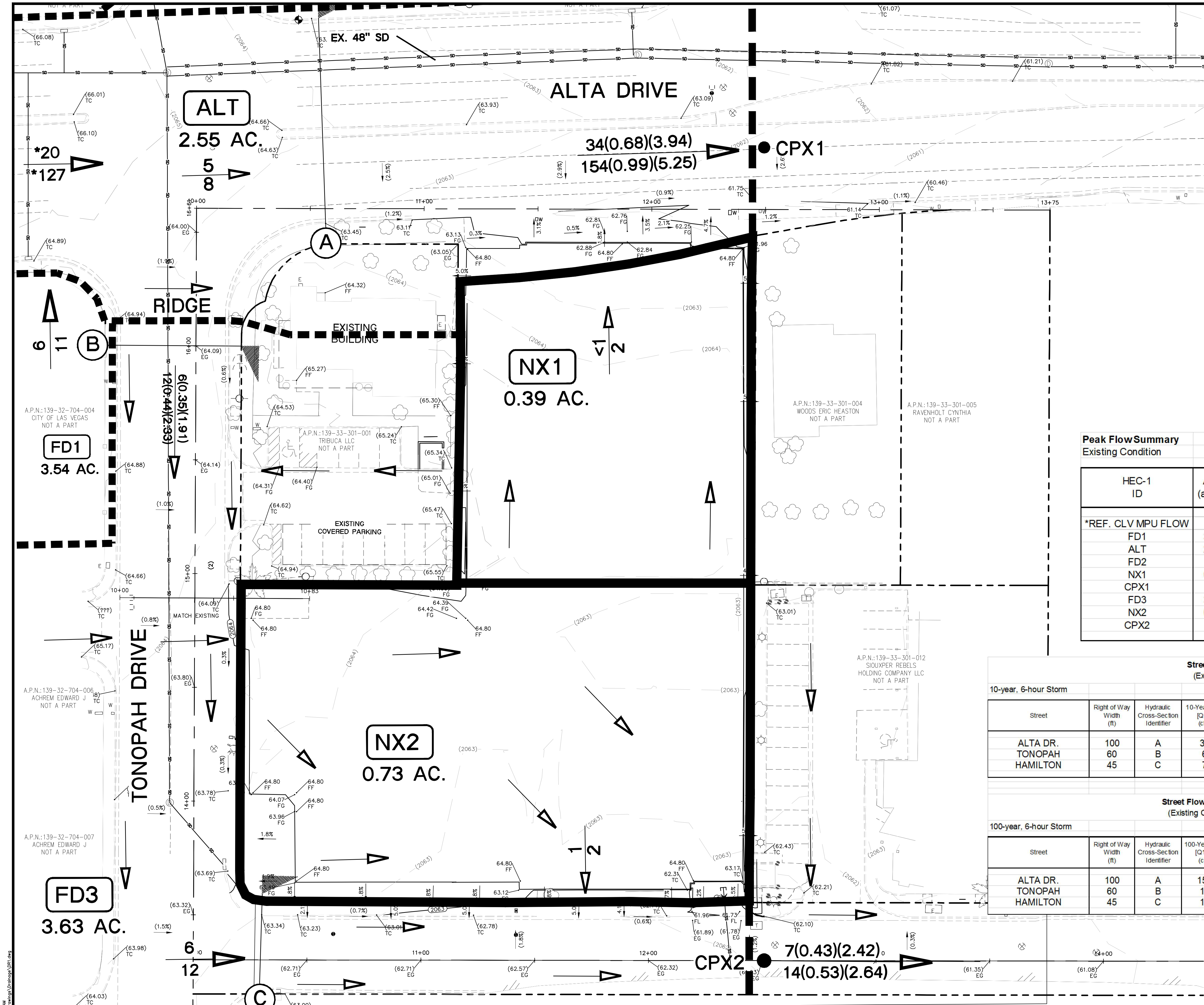




DRAINAGE LEGEND

ND1

CMD1

2

3

1

(1.0)(1.2)

1

(1.0)(1.2)

1

DRAINAGE BASIN LABEL

CONCENTRATION POINT

COMBINATION POINT

ONSITE BASIN BOUNDARY

OFFSITE BASIN BOUNDARY

Q10 FLOW IN CFS (10 YR.)

Q100 FLOW IN CFS (100 YR.)

Q10 (D10)(V10)

Q100 (D100)(V100)

BASIN FLOW DIRECTION

HYDRAULIC CROSS-SECTION

Peak Flow Summary			
Existing Condition			
HEC-1 ID	Area (acres)	10-year Flow (cfs)	100-year Flow (cfs)
*REF. CLV MPU FLOW	-	*20	*127
FD1	3.54	6	11
ALT	2.55	5	8
FD2	1.90	3	6
NX1	0.39	<1	1
CPX1	-	34	154
FD3	3.63	6	12
NX2	0.73	1	2
CPX2	-	7	14

Street Flow Summary (Existing Condition)							
10-year, 6-hour Storm							
Street	Right of Way Width (ft)	Hydraulic Cross-Section Identifier	10-Year Flow [Q10] (cfs)	10-Year Velocity [V] (fps)	10-Year Flow Depth [d] (ft)	10-Year Velocity x Depth [v x d]	Dry Lane Width (Within 1/2 ROW) (ft)
ALTA DR. TONOPAH HAMILTON	100	A	34	3.94	0.68	2.68	15.0
	60	B	6	1.91	0.35	0.67	N/A
	45	C	7	2.42	0.43	1.04	N/A
Street Flow Summary (Existing Condition)							
100-year, 6-hour Storm							
Street	Right of Way Width (ft)	Hydraulic Cross-Section Identifier	100-Year Flow [Q100] (cfs)	100-Year Velocity [V] (fps)	100-Year Flow Depth [d] (ft)	100-Year Velocity x Depth [v x d]	
ALTA DR. TONOPAH HAMILTON	100	A	154	5.25	0.99	5.20	
	60	B	12	2.33	0.44	1.03	
	45	C	14	2.64	0.53	1.40	

*CLV MPU FLOWS

CL OR SURVEY LINE

PROPERTY LINE

ROW LINE

EASEMENT LINE

SAWCUT LINE

SCARP LINE

DESCRIPTION:

EXISTING:

PROPOSED:

BUILDING OUTLINE

EDGE OF PAVEMENT

"A" TYPE CURBS

"L" TYPE CURBS

WALLS

CONTOUR LINES

AC PAVEMENT

CONCRETE

SPOT ELEVATIONS

SIGNS

MANHOLE W/ DESCRIPTION

MANHOLE DESCRIPTIONS

FIRE HYDRANTS

GATE VALVES

REDUCERS

CLEAN OUTS

UTILITY BOX OR VAULT

60' ROW LED STREETLIGHTS

80' ROW LED STREETLIGHTS

100' ROW LED STREETLIGHTS

INTERSECTION STREETLIGHTS

PROJECT No.: 221050

DATE: 09/19/2022

SCALE: 1"=20'

DRAWN BY: CB

DESIGNED BY: CB

CHECKED BY: CB

DIGITAL SIGNATURE:

SEAL

09/19/2022

SHEET No. DR1

SHEET 1 of 2

PCVL No.

Lochsa

engineering

6348 South Jones Blvd.
Las Vegas, NV 89118
Phone (702) 366-9912
Fax (702) 366-9917
www.lochsa.com

ONSITE DRAINAGE MAP

EXISTING CONDITION

LAS VEGAS MEDICAL DISTRICT

193 UNIT APARTMENT COMPLEX

CITY OF LAS VEGAS, NEVADA

PROJECT No.: 221050

DATE: 09/19/2022

SCALE: 1"=20'

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SHEET 1 of 2

PCVL No.