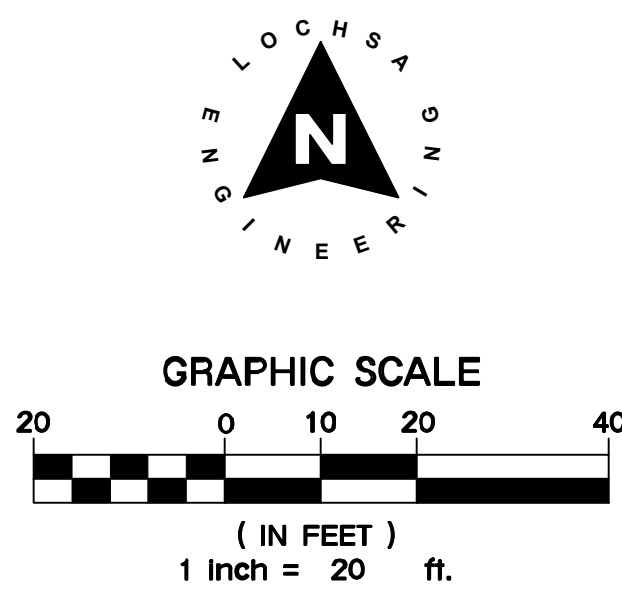
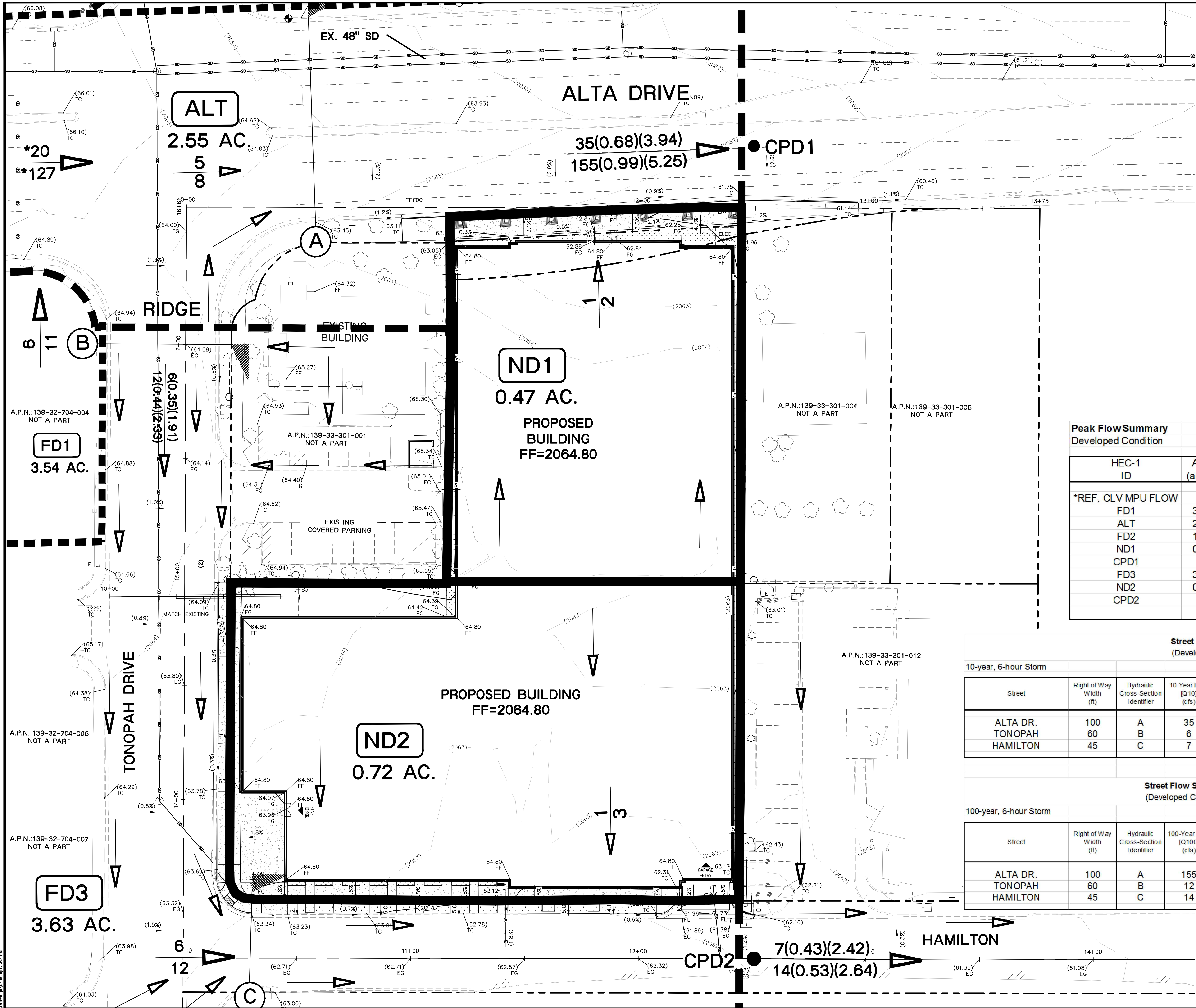




DRAINAGE LEGEND

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 (V10)(D10)

Q100 (V100)(D100)

BASIN FLOW DIRECTION

COMBINED FLOW DIRECTION

HYDRAULIC CROSS-SECTION

Peak Flow Summary			
Developed Condition			
HEC-1 ID	Area (acres)	10-year Flow	100-year Flow
*REF. CLV MPU FLOW	-	*20	*127
FD1	3.54	6	11
ALT	2.55	5	8
FD2	1.90	3	6
ND1	0.47	1	2
CPD1	-	35	155
FD3	3.63	6	12
ND2	0.73	1	3
CPD2	-	7	14

(*REF. CLV MPU FLOW + FD1 + ALT + FD2 + ND1)
(FD3 + ND2)

Street Flow Summary (Developed 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	35	3.96	0.68	2.69	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 (Developed 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	155	5.26	0.99	5.21
	60	B	12	2.33	0.44	1.03
	45	C	14	2.64	0.53	1.40

*CLV MPU FLOWS

LEGEND	CL OR SURVEY LINE	PROPERTY LINE	ROW LINE	EASEMENT LINE	SAWCUT LINE	SCARP LINE	DESCRIPTION:	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
							EXISTING:																					
							PROPOSED:																					

PROJECT No.: 221050

DATE: 09/19/2022

SCALE: 1"=20'

DRAWN BY: CB

DESIGNED BY: CB

CHECKED BY: CB

DIGITAL SIGNATURE:

SEAL

ONSITE DRAINAGE MAP
DEVELOPED CONDITION

LAS VEGAS MEDICAL DISTRICT
193 UNIT APARTMENT COMPLEX
CITY OF LAS VEGAS, NEVADA

9/19/2022

SHEET No.

DR2

SHEET 2 OF 2

PCVL No.

Lochsa

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