Street Flow Summary
(Existing / 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)
Bonanza Rd	70	1	67	3.01	0.74	2.23	N/A

Street Flow Summary
(Existing / 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]
Bonanza Rd	70	1	100	3.52	0.82	2.89

Peak Flow Summary
Existing Condition

HEC-1 ID	Area (acres)	10-year Flow (cfs)	100-year Flow (cfs)	
*MPU	-	*58	*83	
BON	7.61	9	17	
NX5	0.33	1	1	
CPX1	-	67	100	(BON+NX5+MPU)
NX1	1.26	3	5	
NX2	1.54	3	5	
NX3	1.67	3	6	
NX4	2.39	4	7	
NX6	3.08	6	11	

*CLV Central Neighborhood MPU

GRAPHIC SCALE
60 0 30 60 120
(IN FEET)
1 inch = 60 ft.

DRAINAGE LEGEND

ND1	DRAINAGE BASIN LABEL
●	CONCENTRATION POINT
CMD1	COMBINATION POINT
▬	ONSITE BASIN BOUNDARY
2 / 3	Q10 FLOW IN CFS (10 YR.) / Q100 FLOW IN CFS (100 YR.)
1 (1.0)(1.2) / 1 (1.0)(1.2)	Q10 (V10)(D10) / Q100 (V100)(D100)
▷	BASIN FLOW DIRECTION
→	COMBINED FLOW DIRECTION
1	HYDRAULIC CROSS-SECTION

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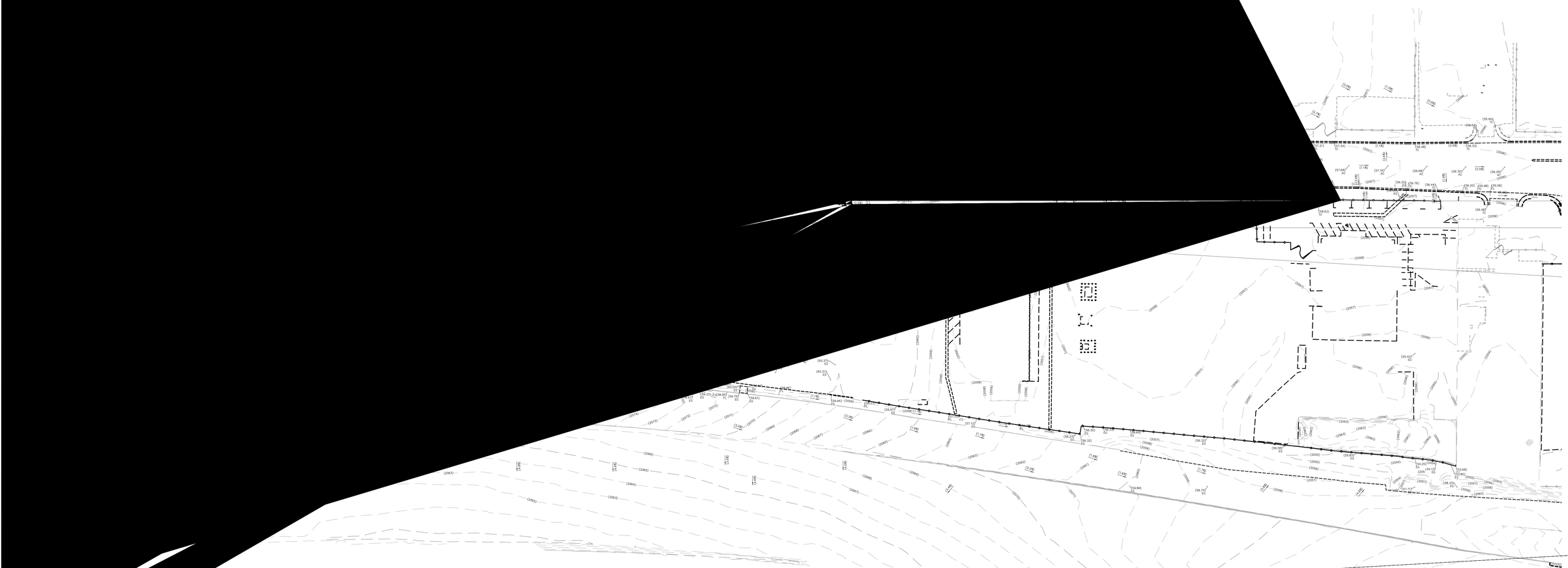

ONSITE DRAINAGE MAP
(EXISTING CONDITION)

AHERN RENTAL BONANZA WEST
1785 & 1919 W BONANZA RD
CITY OF LAS VEGAS, NEVADA

201022

05/18/2021

1"=30'

CB

CB

CB

05/18/2021

DR1

DESCRIPTION:	BUILDING OUTLINE	EDGE OF PAVEMENT	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	CONTOUR LINES	AC PAVEMENT	CONCRETE	SPOT ELEVATIONS	SIGNS	MANHOLE W/ DESCRIPTION
EXISTING:						(2210)			(12.34) BC		Ⓢ
PROPOSED:						2122			12.34 BC		Ⓢ

EASEMENT LINE
SAWCUT LINE
SCARP LINE

MANHOLE DESCRIPTIONS
Ⓢ = SANITARY SEWER
Ⓓ = STORM DRAIN
Ⓔ = ELECTRICAL
Ⓣ = TELEPHONE

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