



DRAINAGE LEGEND

ND1	DRAINAGE BASIN LABEL
CMD1	COMBINATION POINT
---	ONSITE BASIN BOUNDARY
---	OFFSITE BASIN BOUNDARY
$\frac{2}{3}$	Q10 FLOW IN CFS (10 YR.)
$\frac{1(1.0)(1.2)}{1(1.0)(1.2)}$	Q100 FLOW IN CFS (100 YR.)
$\frac{1(1.0)(1.2)}{1(1.0)(1.2)}$	Q100 (V100)(D100)
①	BASIN FLOW DIRECTION
①	HYDRAULIC CROSS-SECTION

Peak Flow Summary
(Existing Condition)

HEC-1 ID	Area (acres)	10-year Flow (cfs)	100-year Flow (cfs)
FD1	29.38	29	67
*REF. FLOW	-	*103	*334
FD2	2.72	5	9
NX1	9.54	2	10
CPX1	-	109	349

(CLV MPU)
(*REF. FLOW=FD2+NX1)

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)
Rainbow Boulevard	90	A	29	2.45	0.74	1.81	Meets
Vegas Drive	80	B	*103	5.32	0.82	4.36	Meets
Vegas Drive	80	C	109	5.34	0.75	4.01	Meets

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]
Rainbow Boulevard	90	A	67	3.11	0.92	2.86
Vegas Drive	80	B	*334	7.91	1.12	8.86
Vegas Drive	80	C	349	8.03	1.04	8.35

***REFERENCED CITY WIDE HYDROLOGY STUDY MPU**

LEGEND	CL OR SURVEY LINE	EASEMENT 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
	PROPERTY LINE	SAWCUT LINE	EXISTING:						(2210)			(12.34)		① = SANITARY SEWER	⊕ = FIRE HYDRANT	⊕ = GATE VALVE	⊕ = REDUCER	⊕ = CLEAN OUT	⊕ = UTILITY BOX OR VAULT	⊕ = 60' ROW LED STREETLIGHT	⊕ = 80' ROW LED STREETLIGHT	⊕ = 100' ROW LED STREETLIGHT	⊕ = INTERSECTION STREETLIGHT	
	ROW LINE	SCARP LINE	PROPOSED:						(2122)			(12.34)		⊕ = STORM DRAIN	⊕ = ELECTRICAL	⊕ = TELEPHONE								

DESCRIPTION:

REV: DATE:

BY:

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Lochsa
engineering

PROJECT No.: 211075
DATE: 10/27/2021
SCALE: 1"=40'
DRAWN BY: CB
DESIGNED BY: CB
CHECKED BY: CB

SEAL
TED T. EGERTON
EXP. 12-31-22
CIVIL
No. 11286
October 27, 2021

SHEET No.
DR1
SHEET 1 of 2
OFFSITE HTE No.

ONSITE DRAINAGE MAP
(EXISTING CONDITION)

RAINBOW APARTMENTS 240 LLC