

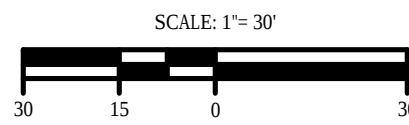
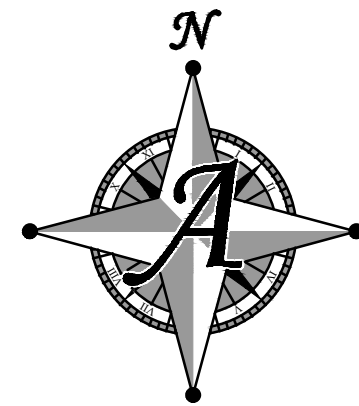
Plot Stamp: 4/8/2025 4:43:42 PM - Hayden Moore
File: P:\XXX\012006 - 1200 Las Vegas Boulevard\Studies & Reports\Drainage\Supplement\Exhibits\ULTIMATE CONDITION.dwg, Tab: Layout1

TABLE 2					
HEC-1 Summary (Ultimate Condition)					
BASIN ID/CONCENTRATION POINT	DRAINAGE AREA	Reference	Q ₁₀	Q ₁₀₀	
	(acres)		cfs	cfs	
DON1	0.64	HEC-1	1.0	2.0	
DON2	1.06	HEC-1	2.0	3.0	
LVAQ	2.46	REFERENCED FROM BOULEVARD STUDY	4.0	7.0	
LVAR	1.51	REFERENCED FROM BOULEVARD STUDY	2.0	4.0	
OFF1	-	Prorated from Overall Basin CF53	18.60	36.67	
CP1	-	OFF1 + DON2	20.60	39.67	

1 Referenced from HEC-1 Analysis

Table 3						
10-year Street Flow Analysis (Ultimate Condition)						
Street	Section	Slope (%)	Flow (10 year)	Velocity (ft/s)	Flow Depth (ft)	VxD
Las Vegas Blvd	A	0.57	4.30	2.00	0.42	0.84
Las Vegas Blvd	B	0.57	5.30	1.94	0.41	0.80
4th Street	C	0.48	18.60	2.15	0.55	1.18

Table 4						
100-year Street Flow Analysis (Ultimate Condition)						
Street	Section	Slope (%)	Flow (100 year)	Velocity (ft/s)	Flow Depth (ft)	VxD
Las Vegas Blvd.	A	0.57	19.30	2.66	0.65	1.73
Las Vegas Blvd.	B	0.57	12.40	2.39	0.58	1.39
4th Street	C	0.48	36.67	2.45	0.66	1.62



DRAINAGE LEGEND	
	BASIN IDENTIFICATION
	BASIN AREA (ACRES)
	BASIN BOUNDARY
	CONCENTRATION POINT
	FLOW PATH
	CROSS SECTION
	REFERENCE FLOW (CFS)

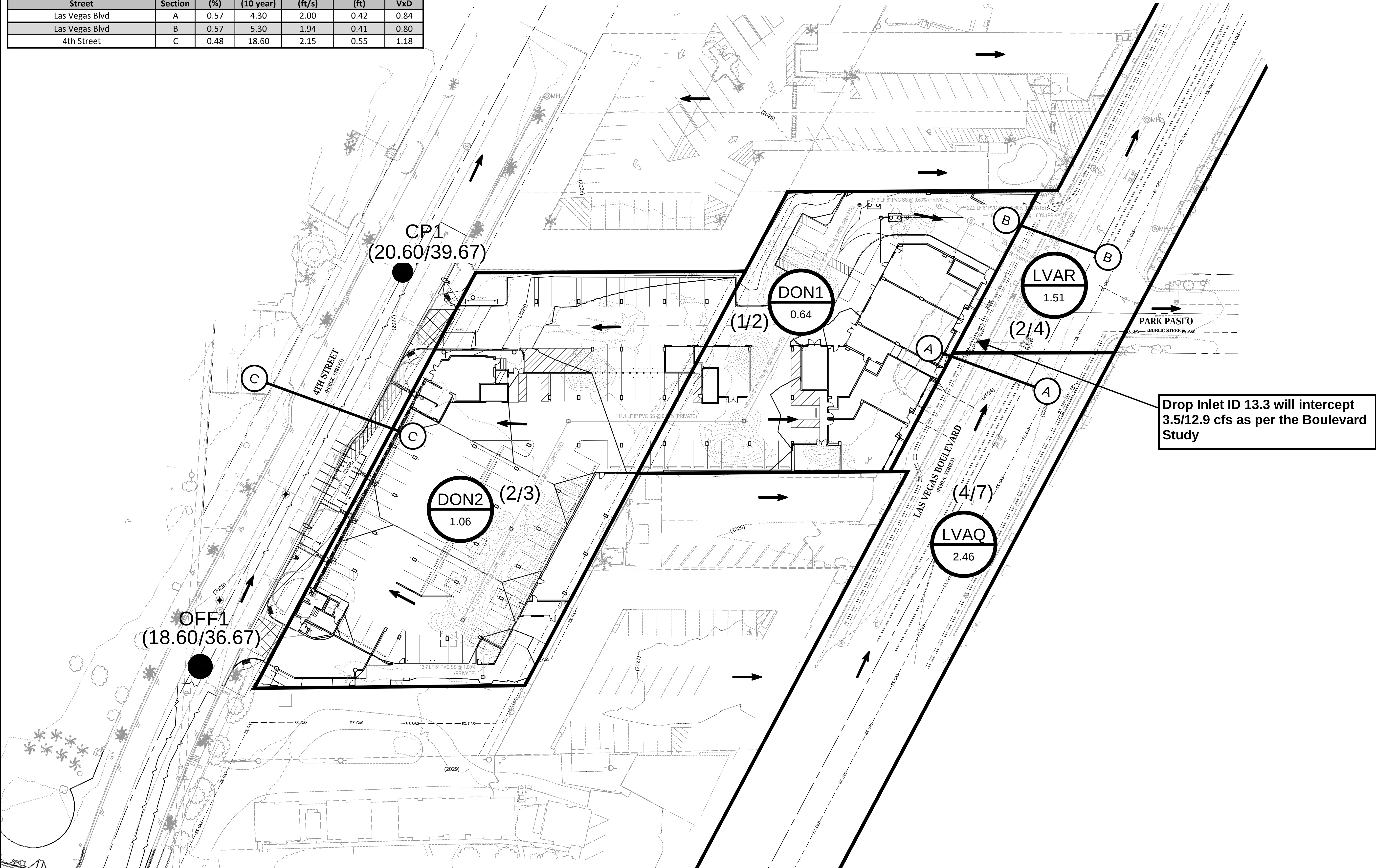


FIGURE 9: INTERIM/ULTIMATE CONDITION BASIN MAP

GATEWAY PROJECT

1200 S. LAS VEGAS BLVD.,LLC

CITY OF LAS VEGAS, NEVADA

DATE	DESCRIPTION

DATE	8/17/2021
DRAWN	COJR
DESIGNED	BP
CHECKED	DCL
PROJECT #	XXX012006

SHEET GROUP	FIGURE 9
SHEET NUMBER	FIG 9

FIG 9