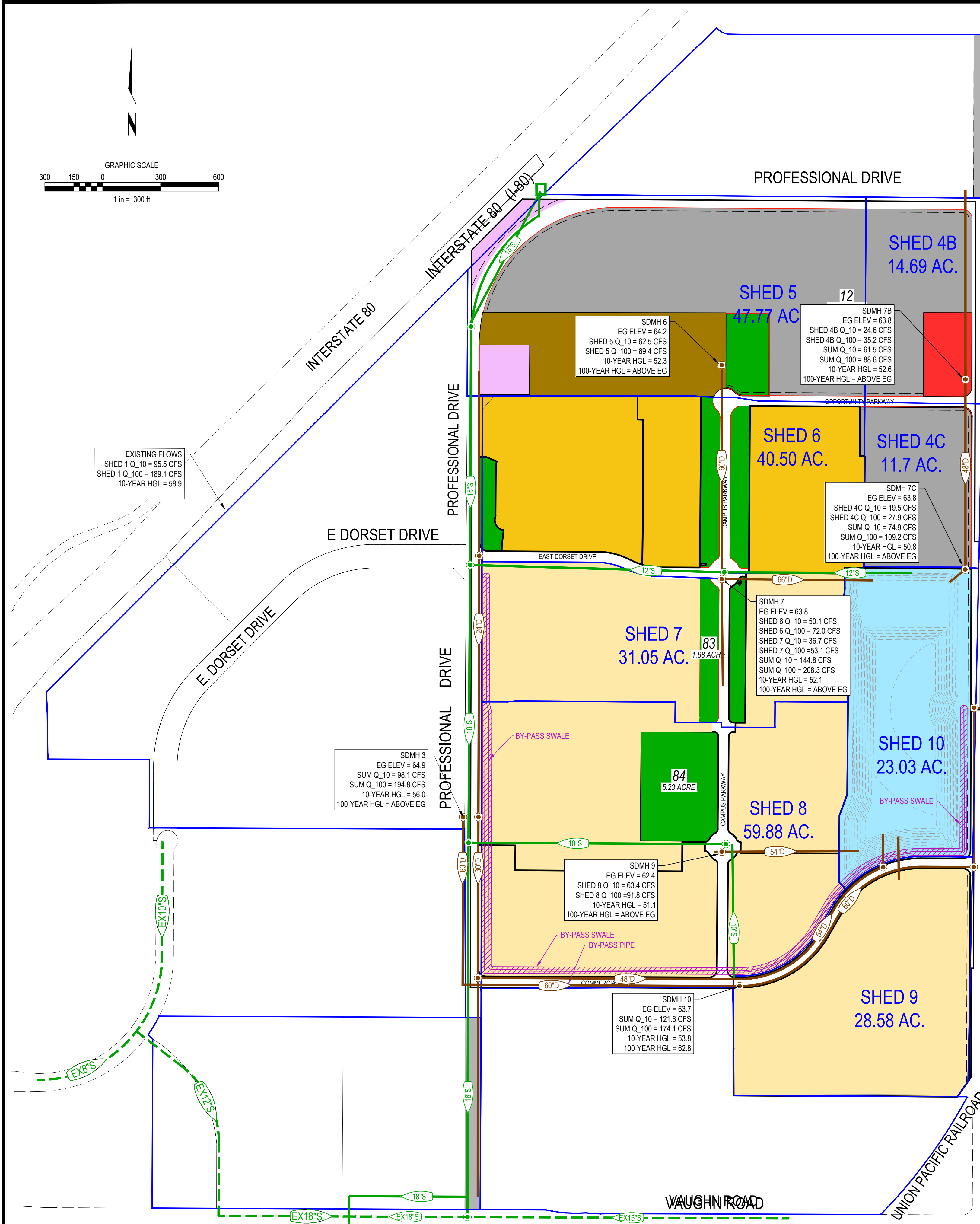


LEGEND			
[Grey Box]	ROADWAY LAND USE (95% IMPERV.)	[Blue Line]	LAND USE BOUNDARY
[Red Box]	COMMERCIAL LAND USE (90% IMPERV.)	[Blue Line]	SHED BOUNDARY
[Pink Box]	INDUSTRIAL LAND USE (85% IMPERV.)	[Circle with Arrow]	SEWER PIPE SIZE & DIRECTION OF FLOW
[Blue Box]	INDUSTRIAL LAND USE (85% IMPERV.)	[Circle]	STORM DRAIN MANHOLE
[Brown Box]	MULTI-FAMILY RESIDENTIAL LAND USE (70% IMPERV.)	[Line]	STORM DRAIN LINE
[Yellow Box]	SINGLE-FAMILY LAND USE (6-8 DU / ACRE) LAND USE (50% IMPERV.)	[Circle with Arrow]	SEWER PIPE SIZE & DIRECTION OF FLOW
[Orange Box]	MEDIUM DENSITY RESIDENTIAL (70% IMPERV.)	[Circle]	EXISTING SEWER PIPE SIZE & DIRECTION OF FLOW
[Green Box]	OPEN SPACE LAND USE (2% IMPERV.)	[Circle]	SEWER MANHOLE
		[Line]	SEWER LINE
		[Line]	EXISTING SEWER LINE

NOTE:  
1. PROPOSED SEWER INFORMATION COMES FROM THE DIXON 257 SEWER STUDY (JULY 2023)



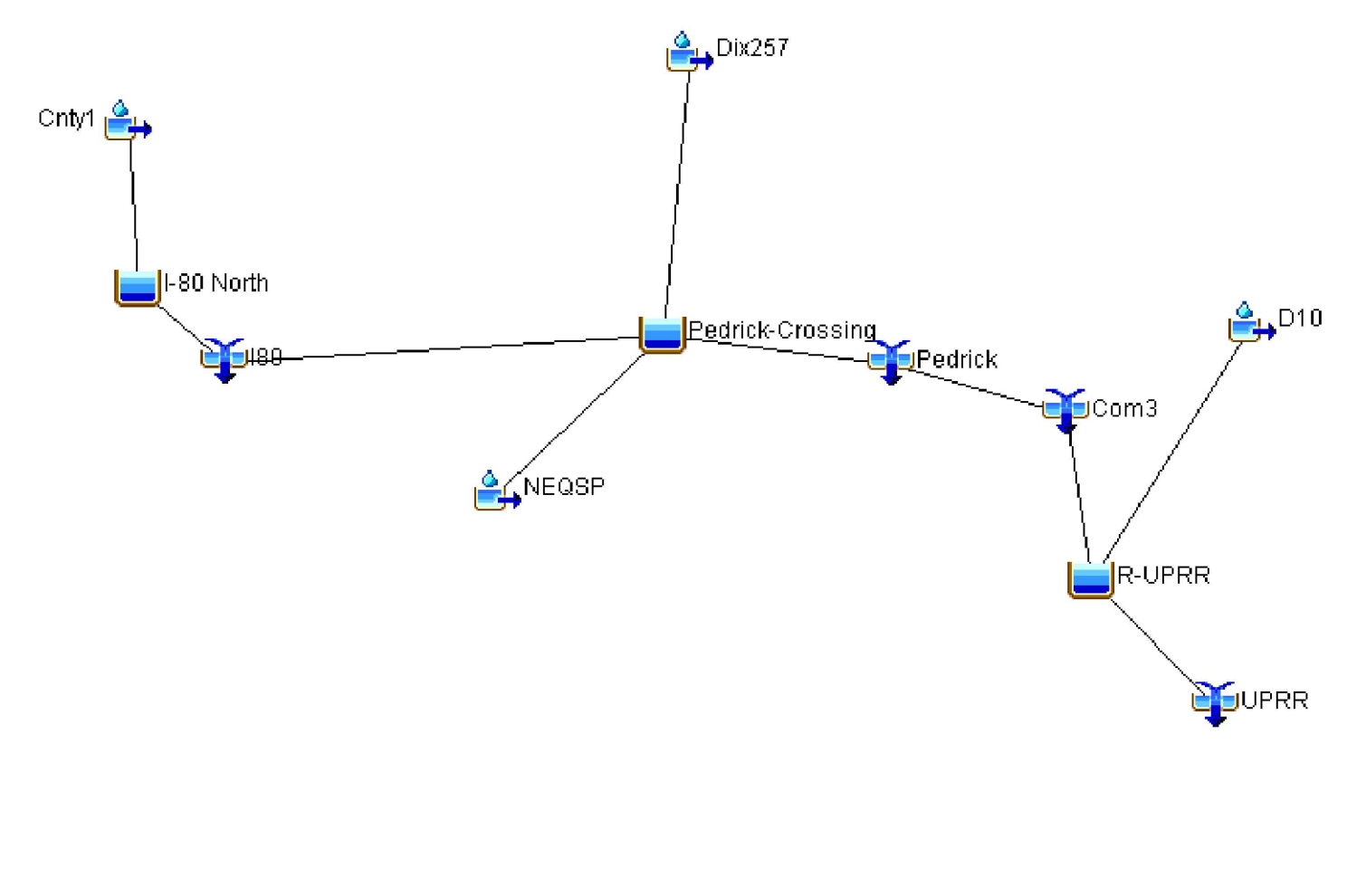
HEC-HMS RESULT TABLE

10-Year Existing Conditions							100-Year Existing Conditions						
Element	Drainge Area (M <sup>2</sup> )	Peak Discharge (cfs)	Time of Peak	Volume (in)	Storage (Ac-ft)	Elevation (ft)	Element	Drainge Area (M <sup>2</sup> )	Peak Discharge (cfs)	Time of Peak	Volume (in)	Storage (Ac-ft)	Elevation (ft)
Cnty1	4.043	487.6	05Jun2003, 04:00	1.52			Cnty1	4.043	791.5	05Jun2003, 04:15	2.8		
I-80 North	4.043	95.5	05Jun2003, 13:30	1.52			I-80 North	4.043	189.1	05Jun2003, 13:30	2.71		
I80	4.043	95.5	05Jun2003, 13:30	1.52			I80	4.043	189.1	05Jun2003, 13:30	2.71		
Dix257	0.4063	198.3	05Jun2003, 01:45	1.61			Dix257	0.4063	293.6	05Jun2003, 01:45	2.94		
NEQSP	0.3398	171.6	05Jun2003, 01:30	1.61			NEQSP	0.3398	254	05Jun2003, 01:30	2.94		
Pedrick-Crossing	4.7891	296.1	05Jun2003, 02:00	1.53	20.1	61.3	Pedrick-Cros	4.7891	412.8	05Jun2003, 02:00	2.72	29.8	61.6
Pedrick	4.7891	296.1	05Jun2003, 02:00	1.53			Pedrick	4.7891	412.8	05Jun2003, 02:00	2.72		
Com3	4.7891	296.1	05Jun2003, 02:00	1.53			Com3	4.7891	412.8	05Jun2003, 02:00	2.72		
D10	3.055	360.9	05Jun2003, 04:00	1.61			D10	3.055	584.3	05Jun2003, 04:00	2.94		
R-UPRR	7.8441	124.4	05Jun2003, 18:30	1.49			R-UPRR	7.8441	166.9	06Jun2003, 01:00	2.29		
UPRR	7.8441	124.4	05Jun2003, 18:30	1.49			UPRR	7.8441	166.9	06Jun2003, 01:00	2.29		

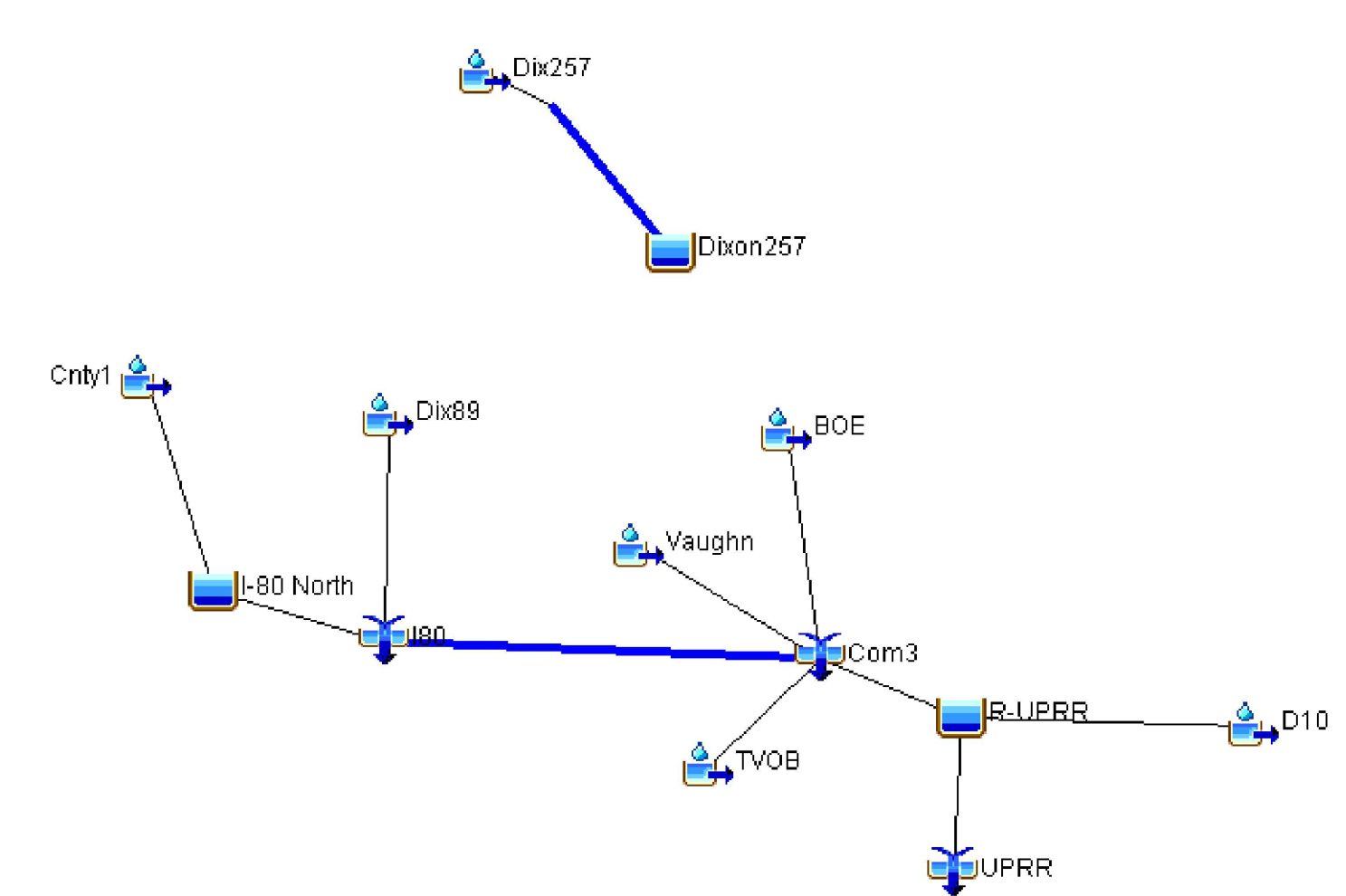
  

10-Year Proposed							100-Year Proposed						
Element	Drainge Area (M <sup>2</sup> )	Peak Discharge (cfs)	Time of Peak	Volume (in)	Storage (Ac-ft)	Elevation (ft)	Element	Drainge Area (M <sup>2</sup> )	Peak Discharge (cfs)	Time of Peak	Volume (in)	Storage (Ac-ft)	Elevation (ft)
Cnty1	4.043	487.6	05Jun2003, 04:00	1.52			Cnty1	4.043	791.5	05Jun2003, 04:15	2.8		
I-80 North	4.043	95.5	05Jun2003, 13:30	1.52			I-80 North	4.043	189.1	05Jun2003, 13:30	2.71		
Dix89	0.1391	47.3	05Jun2003, 01:45	2.94			Dix89	0.1391	68.7	05Jun2003, 01:45	5.43		
I80	4.1821	98.1	05Jun2003, 13:00	1.56			I80	4.1821	194.8	05Jun2003, 12:15	2.8		
Bypass	4.1821	98.1	05Jun2003, 13:15	1.56			Bypass	4.1821	194.8	05Jun2003, 12:30	2.8		
TVOB	0.103	33.2	05Jun2003, 01:45	2.94			TVOB	0.103	48.3	05Jun2003, 01:45	5.43		
BOE	0.0563	18.1	05Jun2003, 01:45	2.88			BOE	0.0563	26.4	05Jun2003, 01:45	5.35		
Vaughn	0.0414	11.7	05Jun2003, 01:45	3			Vaughn	0.0414	17.1	05Jun2003, 01:45	5.51		
Com3	4.3828	135.9	05Jun2003, 02:00	1.63			Com3	4.3828	204.3	05Jun2003, 11:45	2.92		
D10	3.055	360.9	05Jun2003, 04:00	1.61			D10	3.055	584.3	05Jun2003, 04:00	2.94		
R-UPRR	7.4378	124	05Jun2003, 18:30	1.55			R-UPRR	7.4378	166	06Jun2003, 01:30	2.41		
UPRR	7.4378	124	05Jun2003, 18:30	1.55			UPRR	7.4378	166	06Jun2003, 01:30	2.41		
Dix257	0.4063	223.5	05Jun2003, 01:45	4.57			Dix257	0.4063	318.8	05Jun2003, 01:45	7.75		
Reach-2	0.4063	219.9	05Jun2003, 01:45	4.57			Reach-2	0.4063	312.2	05Jun2003, 01:45	7.74		
Dixon257	0.4063	2.6	06Jun2003, 02:30	1.09	163.74	18.9	Dixon257	0.4063	2.8	07Jun2003, 01:45	1.19	229	52.3

HEC-HMS SCHEMATIC  
100-YEAR EVENT-PRE-DEVELOPMENT



HEC-HMS SCHEMATIC  
100-YEAR EVENT-POST DEVELOPMENT



Dwg: X:\2024\2024-001\104501\PARCEL\_DIXON\DWG\PLAN\EXHIBIT\THE\_CAMPUS\_TECHNICAL\_STUDY\OCTOBER\_2024\2024\001\104501\PARCEL\_DIXON\DWG\PLAN\EXHIBIT\202402.DWG | Scale: 1/8" = 300' | 10/18/24 02:26pm | MANAGE

NO.	DESCRIPTION	APPD. ENGR.	DATE	APPD. E.U.	DATE

SCALE:	BENCH MARK	COMPUTED	DF
HORIZ. 1" = 300'		DESIGNED	DF
VERT. 1" = N/A		DRAWN	DF
		PROJ. ENGR.	GB

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IMPROVEMENT PLANS FOR  
**DIXON 257**  
TRUNK DRAINAGE EXHIBIT  
DIXON, CALIFORNIA

DATE	JANUARY 2025
SHEET	1
OF	1

NOT FOR CONSTRUCTION