

SWQ VOL	
Site Area (sf)	56,465
Offsite Developed Area (sf)	5,482
Total Area (sf)	61,947
Impervious Area (sf)	39,343
SWQ VOL Required (CF)*	1,377
SWQ VOL Provided (CF)	1,409
*0.42 in per impervious SF	

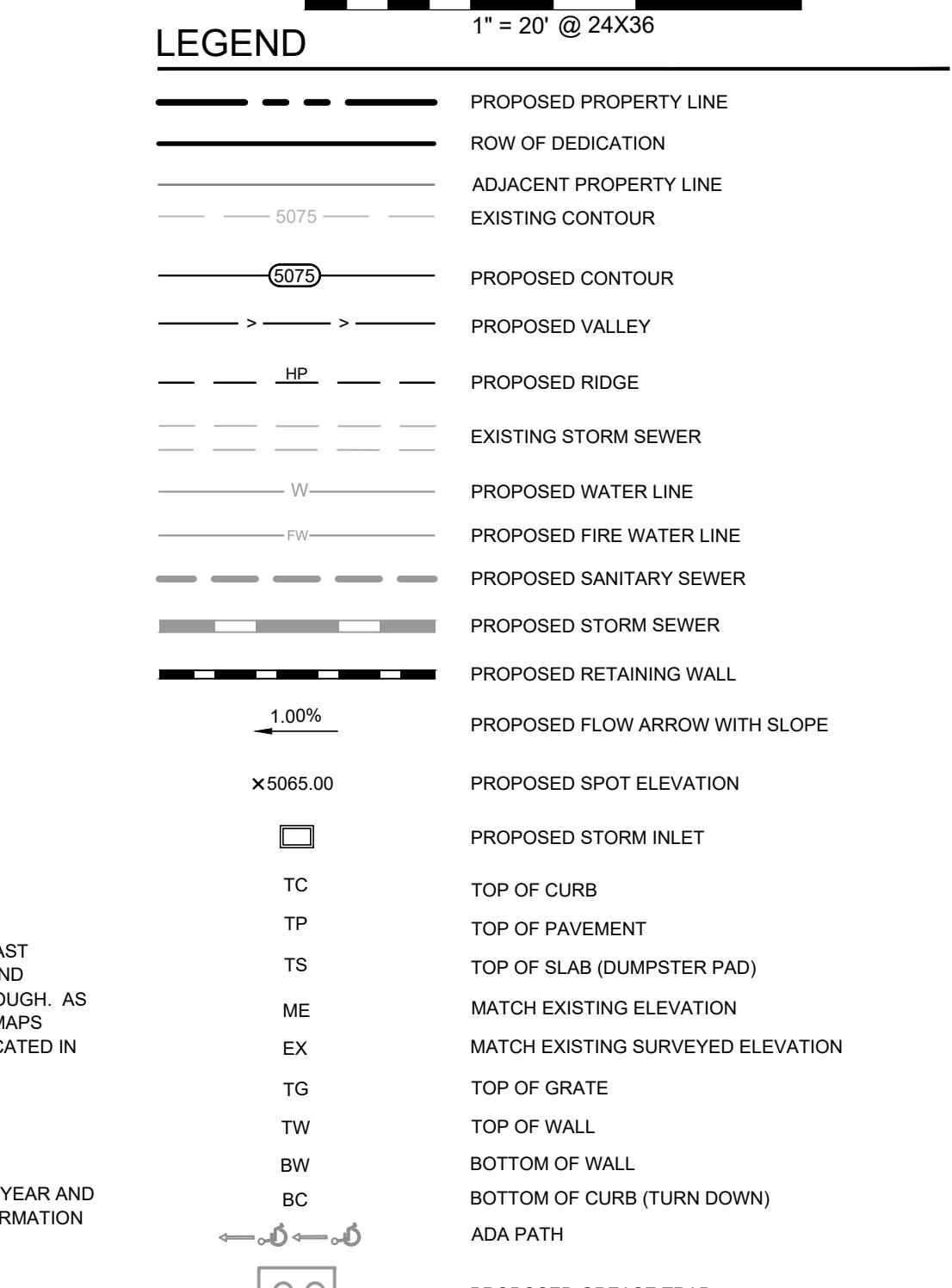
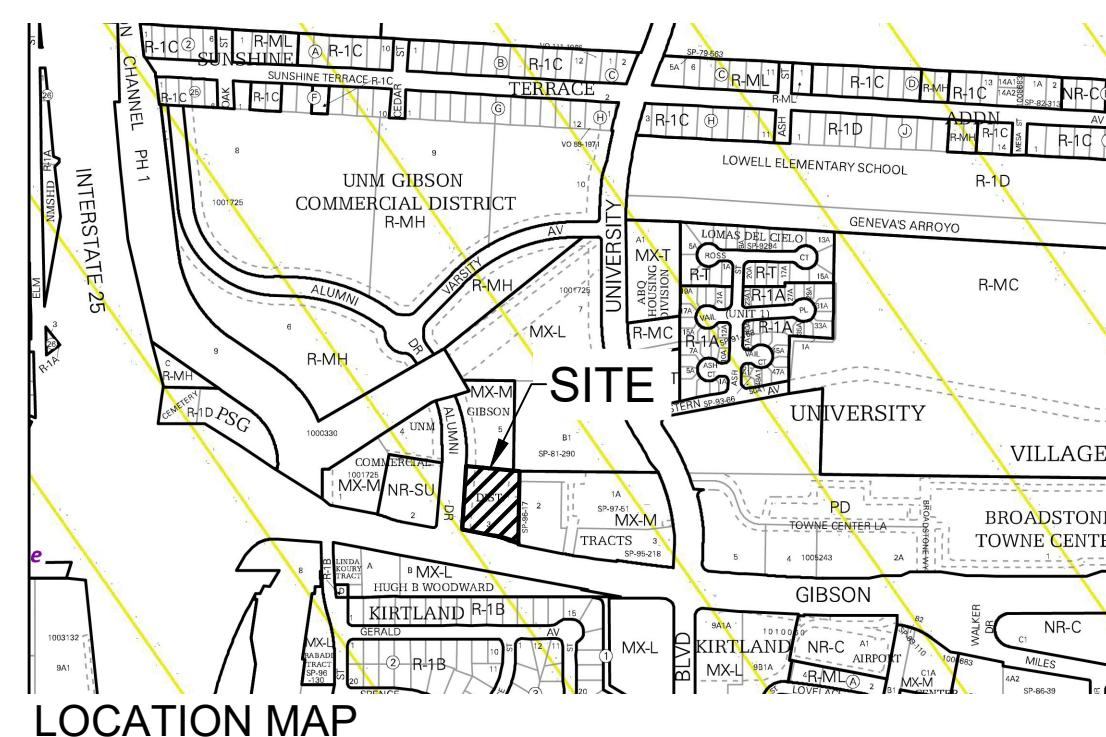
SWQ POND 1	
TOP ELEV	5065.96
BOTTOM ELEV	5063.96
VOL (CF)	619.1
SWQ POND 2	
TOP ELEV	5066.2
BOTTOM ELEV	5064.09
VOL (CF)	790.0

WEIGHTED E CALCULATIONS (EXISTING CONDITION)																		
Basin	Area (SF)	Area (AC)	Treatment A			Treatment B			Treatment C			Treatment D			100-Year		10-Year	
			Acres	%	Acres	%	Acres	%	Acres	%	(in)	(ac-ft)	(cfs)	(in)	(ac-ft)	(cfs)		
EX		61,945	1.42	1.22	86%	0.20	14%	0	0%	0	0.87	0.10	2.56	0.23	0.03	0.50		
WEIGHTED E CALCULATIONS (DEVELOPED CONDITION)												100-Year		10-Year				
Basin	Area (SF)	Area (AC)	Treatment A			Treatment B			Treatment C			Treatment D			100-Year		10-Year	
			Acres	%	Acres	%	Acres	%	Acres	%	(in)	(ac-ft)	(cfs)	(in)	(ac-ft)	(cfs)		
DA 1		2,876	0.07	0	0%	0	0%	0.05	72%	0.02	28%	1.39	0.01	0.22	0.76	0.00	0.13	
DA 2		31,123	0.71	0	0%	0	0%	0.08	11%	0.63	89%	2.18	0.13	2.99	1.39	0.08	1.84	
DA 3		21,836	0.50	0.02	4%	0	0%	0.25	49%	0.24	47%	1.62	0.07	1.80	0.95	0.04	1.04	
DA 4		6,110	0.14	0	0%	0	0%	0.14	100%	0	0%	1.03	0.01	0.43	0.48	0.01	0.22	

Excess Precipitation E (in)	
Zone 2	100-Year
Ea	0.62
Eb	0.80
Ec	1.03
Ed	2.33
10-Year	
	0.15
	0.30
	0.48
	1.51

Peak Discharge (cfs/acre)	
Zone 2	100-Year
Qa	1.71
Qb	2.36
Qc	3.05
Qd	4.34
10-Year	
	0.41
	0.95
	1.59
	2.71

DRAINAGE CERTIFICATION	
I. ELIZABETH ANNE WILLMOT, NMPE 28862, OF THE FIRM KIMLEY-HORN AND ASSOCIATES, INC., CERTIFY THAT THE PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLANS DATED 07/08/2023. I FURTHER CERTIFY THAT I PERSONALLY VISITED THE SITE ON 08/05/2024 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF THE SITE CONDITIONS AND FOR APPROVAL AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR FINAL CERTIFICATION OF OCCUPANCY (F.C.O.).	
THE RECORD INFORMATION PRESENTED HEREIN IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE TRAFFIC ASPECTS OF THE PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.	
ELIZABETH ANNE WILLMOT, NMPE 28862	
08/08/2024	



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Gibson & Alumni  
Albuquerque, NM  
Restaurant #RC972  
P6-V-AV  
**PM DESIGN**  
Architectural Solutions Group

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KEN McCracken, Architect

Prototype : P6-V-AV 2022-1.0 RELEASE  
Prototype Issue Date: 09.22.2022  
Kitchen Issue Date: --  
Design Bulletin Updates: --  
Date Issued: Bulletin Number: --

## CONSTRUCTION SET

REVISIONS:	
09/12/2022	SOLID WASTE REVIEW
11/30/2022	UNM SUBMITTAL
04/07/2023	FOR PERMIT
06/12/2023	RESPONSE TO COMMENTS
07/18/2023	RESPONSE TO COMMENTS
08/04/2023	FOR BID
11/01/2023	FOR CONSTRUCTION

## GRADING AND DRAINAGE PLAN

Date: 11/01/2023  
Project Number: KH\_069313462  
Drawn By: JCG/LHD

Sheet Number: C6.0(R)  
Sheet Title: C6.0(R)  
CAUTION!!  
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

