CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



Mayor Timothy M. Keller

May 2, 2023

Sheldon Greer, P.E. Respec 5971 Jefferson St. NE Albuquerque, NM 8710

RE: Tidal Wave Car Wash - Unser McMahon 2nd Revised Grading & Drainage Plans Engineer's Stamp Date: 04/18/23 Hydrology File: A11D017C

Dear Mr. Greer:

Based upon the information provided in your submittal received 04/18/2023, the 2nd Revised Grading & Drainage Plans are approved for Building Permit and Grading Permit. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

PO Box 1293

PRIOR TO CERTIFICATE OF OCCUPANCY:

- Albuquerque 1. Engineer's Certification, per the DPM Part 6-14 (F): *Engineer's Certification Checklist For Non-Subdivision* is required.
- Please provide the executed paper Drainage Covenant (latest revision) printed on one-side only with Exhibit A and a check for \$25.00 made out to "Bernalillo County" for the stormwater quality ponds per Article 6-15(C) of the DPM to Hydrology for review at Plaza de Sol.

www.cabq.gov

As a reminder, if the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, jhughes@cabq.gov, 924-3420) 14 days prior to any earth disturbance.

If you have any questions, please contact me at 924-3995 or <u>rbrissette@cabq.gov</u>.

Sincerely,

Renée C. Brissette

Renée C. Brissette, P.E. CFM Senior Engineer, Hydrology Planning Department



City of Albuquerque

Planning Department Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2018)

Approved Master

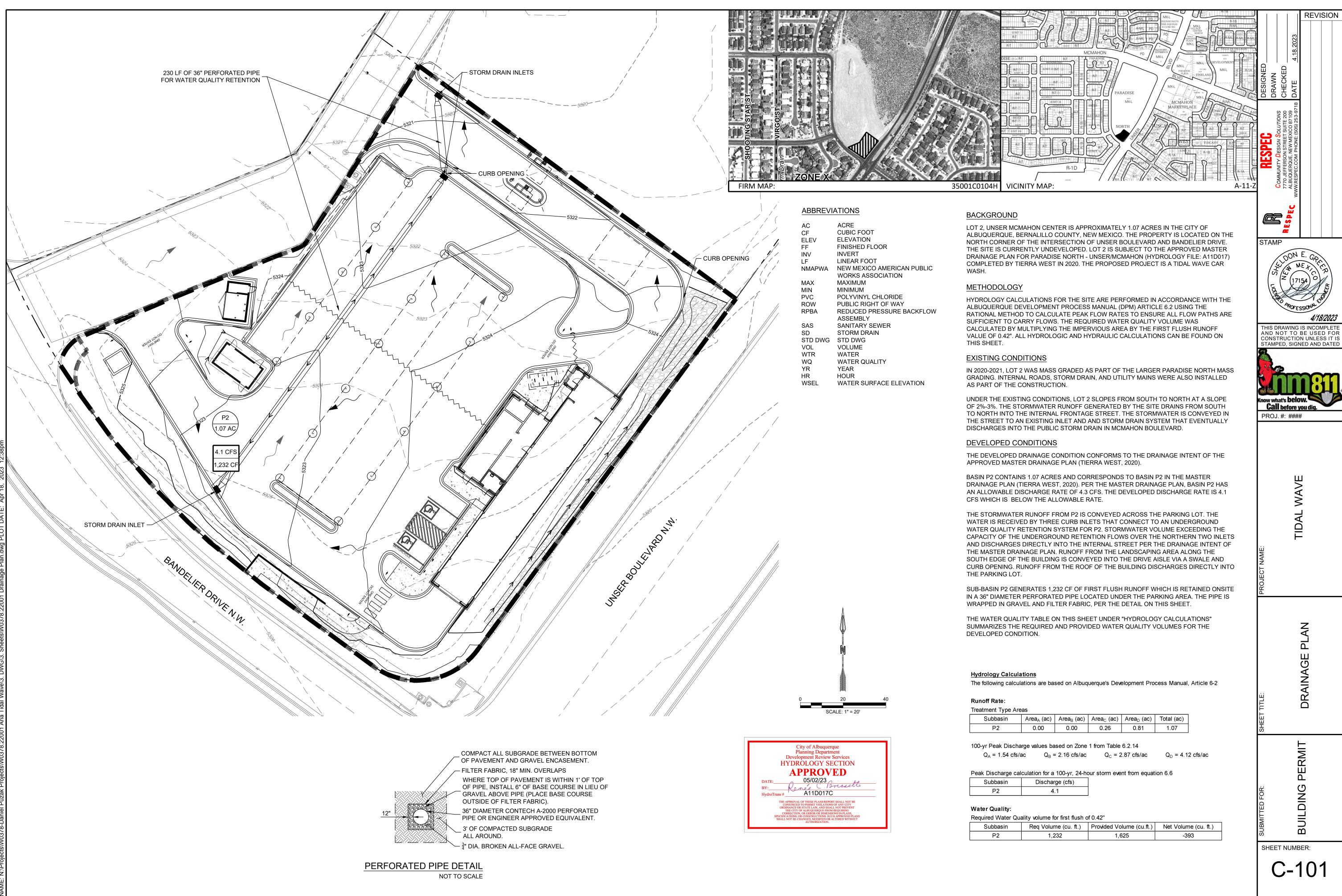
Project Title:	Building	Permit #:	Drainage Plan 2020 Hydrology File #:		
			Work Order#:		
Legal Description:					
City Address:					
Applicant:			Contact:		
Address:					
			E-mail:		
Owner:			Contact:		
Address:					
			E-mail:		
TYPE OF SUBMITTAL: PLA	Γ (# OF LOTS)	RESIDENCE	DRB SITE ADMIN SITE		
IS THIS A RESUBMITTAL?:	Yes	No			
DEPARTMENT: TRAFFIC/ T	RANSPORTATION	HYDROLO	OGY/ DRAINAGE		
Check all that Apply:					
TYPE OF SUBMITTAL:			F APPROVAL/ACCEPTANCE SOUGHT: LDING PERMIT APPROVAL		
ENGINEER/ARCHITECT CERT	FIFICATION		RTIFICATE OF OCCUPANCY		
PAD CERTIFICATION		PRELIMINARY PLAT APPROVAL			
CONCEPTUAL G & D PLAN		SITE PLAN FOR SUB'D APPROVAL			
GRADING PLAN		SITE PLAN FOR BLDG. PERMIT APPROVAL			
DRAINAGE MASTER PLAN		FINAL PLAT APPROVAL			
DRAINAGE REPORT		SIA/ RELEASE OF FINANCIAL GUARANTEE			
FLOODPLAIN DEVELOPMENT	PERMIT APPLIC	FOUNDATION PERMIT APPROVAL			
ELEVATION CERTIFICATE		GRADING PERMIT APPROVAL			
CLOMR/LOMR		SO-19 APPROVAL			
TRAFFIC CIRCULATION LAY		PAVING PERMIT APPROVAL			
TRAFFIC IMPACT STUDY (TI	S)	GRADING/ PAD CERTIFICATION			
OTHER (SPECIFY)		WO	RK ORDER APPROVAL		
PRE-DESIGN MEETING?			OMR/LOMR		
			OODPLAIN DEVELOPMENT PERMIT		
		OTF	HER (SPECIFY)		

DATE SUBMITTED:

____By: ____

ELECTRONIC SUBMITTAL RECEIVED:

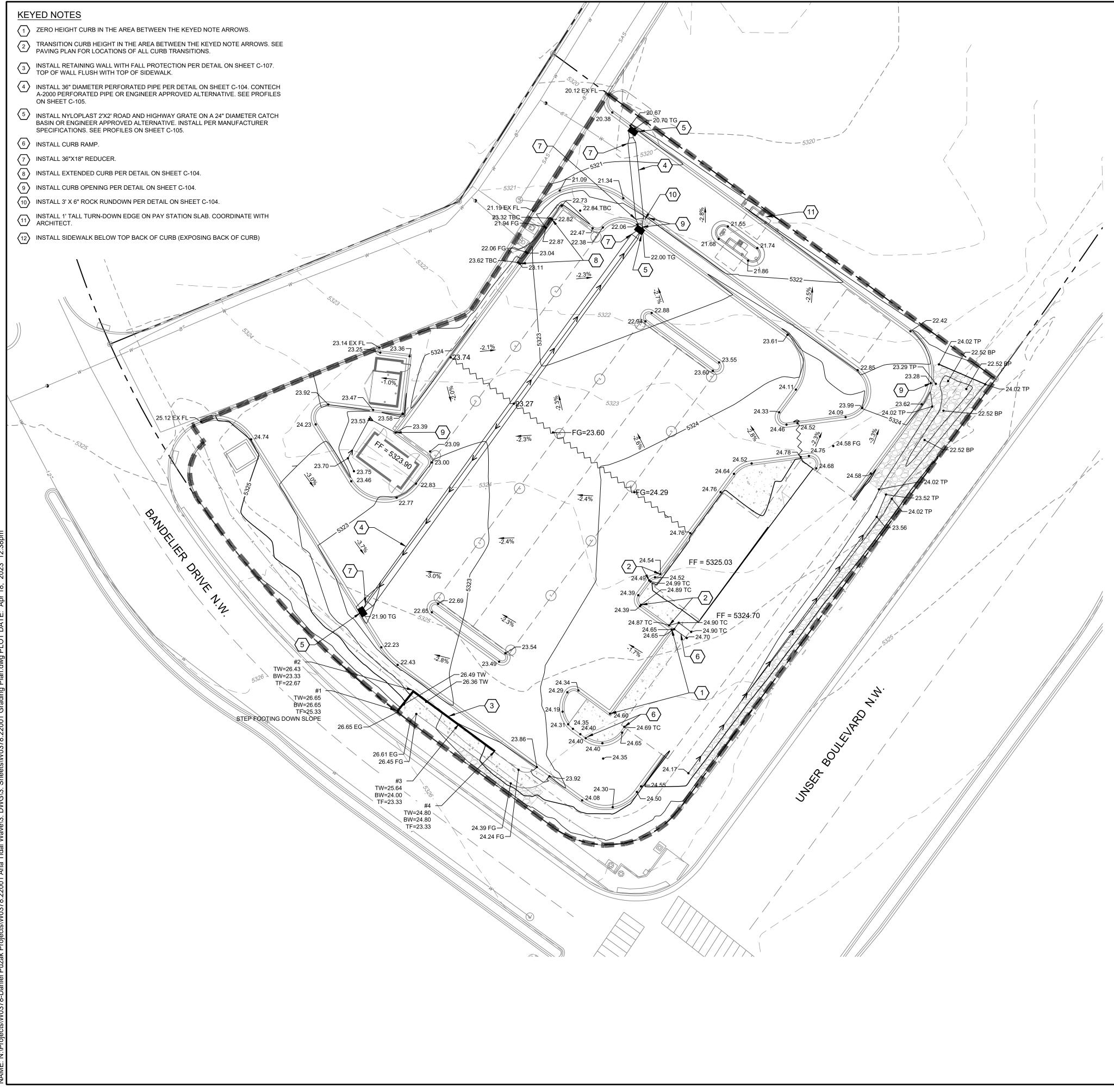
FEE PAID:





Subbasin	Area _A (ac)	Area _B (ac)	Area _C (ac)	Area _D (ac)	Total (ac)	
P2	0.00	0.00	0.26	0.81	1.07	
100-yr Peak Discha	arge values ba	ased on Zone	1 from Table	6.2.14		
Q _A = 1.54 cfs/	ac Q _B =	= 2.16 cfs/ac	$Q_{\rm C} = 2$	2.87 cfs/ac	Q _D = 4.12	2 cfs/
[⊃] eak Discharge ca	lculation for a	100-yr, 24-ho	our storm eve	nt from equat	ion 6.6	
^D eak Discharge ca Subbasin		100-yr, 24-ho ge (cfs)	our storm eve 	nt from equat	ion 6.6	
•	Dischar	•	our storm eve	nt from equat	ion 6.6	
Subbasin	Dischar	ge (cfs)	our storm eve 	nt from equat	ion 6.6	

	,		
Subbasin	Req Volume (cu. ft.)	Provided Volume (cu.ft.)	Net Volume (cu. ft.)
P2	1,232	1,625	-393



GRADING GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY SIZE'S AND LOCATION AND ELEVATION OF ALL EXISTING DRY AND WET UTILITIES PRIOR TO ANY CONSTRUCTION AND NOTIFY ENGINEER OF ANY ISSUES. UTILITY RELOCATION MAY BE REQUIRED

REVISION

טםנ

PEC

STAMP

ON E.

THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS

STAMPED, SIGNED AND DATED

Call before you dig

 \square

PROJ. #: ####

MEX

4/18/2023

- 2. GRADES SHOWN ARE FINAL SURFACE GRADES AFTER COMPLETION OF SURFACE IMPROVEMENTS AND PLACEMENTS OF TOPSOIL.
- 3. GRADE ADJACENT AREAS AT SITE PERIMETER SHALL MATCH GRADE OF ADJACENT PARCELS.
- 4. PROVIDE TEMPORARY GRADING FEATURES SUCH AS BERMS, SWALES, SUMPS, AND BASINS TO MANAGE INTERIM STORM WATER RUNOFF DURING CONSTRUCTION PROCESS. STORM WATER RUNOFF LEAVING THE SITE SHALL MEET ALL FEDERAL, STATE AND LOCAL QUALITY REQUIREMENTS.
- 5. REFER TO GEOTECHNICAL ENGINEERING SERVICES REPORT NO. 1-20816 BY GEO-TEST DATED OCTOBER 11, 2022.
- 6. COMPOSITE SLOPE IN HANDICAP PARKING SHALL NOT EXCEED 2% IN ANY DIRECTION. 7. CROSS SLOPE ON ADA CROSSWALKS SHALL NOT EXCEED 2%. LONGITUDINAL SLOPE SHALL NOT EXCEED 5%.
- 8. LONGITUDINAL SLOPE ON CURB RAMP SHALL NOT EXCEED 8.33%. CROSS SLOPE SHALL NOT EXCEED 2%.
- 9. COMPOSITE SLOPE ON RAMP LANDINGS SHALL NOT EXCEED 2%.
- 10. CROSS SLOPES ON SIDEWALKS SHALL NOT EXCEED 2%. LONGITUDINAL SLOPES ON ONSITE SIDEWALKS SHALL NOT EXCEED 5%.
- 11. SLOPE LABELS SHOW APPROXIMATE SLOPES ONLY. WHERE SLOPE LABELS AND SPOT ELEVATION LABELS CONFLICT, SPOT ELEVATION LABELS SHALL GOVERN AND THE SURVEYOR RESPONSIBLE FOR CONSTRUCTION STAKING SHALL CONTACT THE ENGINEER.
- 12. FOR TUNNEL BUILDING ENTRANCE AND EXIT SLABS, SEE ARCHITECTURAL PLANS.

ABBREVIATIONS

AC	ACRE
BP	BOTTOM OF POND
CF	CUBIC FOOT
ELEV	ELEVATION
FF	FINISHED FLOOR
INV	INVERT
LF	LINEAR FOOT
NMAPWA	NEW MEXICO AMERICAN PUBLIC WORKS ASSOCIATION
MAX	MAXIMUM
MIN	MINIMUM
PVC	POLYVINYL CHLORIDE
ROW	PUBLIC RIGHT OF WAY
RPBA	REDUCED PRESSURE BACKFLOW ASSEMBLY
SAS	SANITARY SEWER
SD	STORM DRAIN
STD DWG	STANDARD DRAWING
VOL	VOLUME
TP	TOP OF POND
WTR	WATER

SITE CIVIL LEGEND:

