CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



Mayor Timothy M. Keller

October 26, 2022

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

RE: Tidal Wave Car Wash Grading & Drainage Plans Engineer's Stamp Date: 10/10/22 Hydrology File: A11D017C

Dear Mr. Greer:

PO Box 1293 Based upon the information provided in your submittal received 10/11/2022, the 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.

Albuquerque **PRIOR TO CERTIFICATE OF OCCUPANCY:**

1. Engineer's Certification, per the DPM Part 6-14 (F): Engineer's Certification Checklist For
Non-Subdivision is required.

Please provide the Drainage Covenant with Exhibit A for the underground stormwater quality system per Article 6-15(C) of the DPM prior to Permanent Release of Occupancy. Please submit the original copies along with the \$25.00 recording fee check made payable to Bernalillo County to Carrie Compton (<u>cacompton@cabq.gov</u>) on the 4th floor of Plaza de Sol.

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, <u>jhughes@cabq.gov</u>, 924-3420) 14 days prior to any earth disturbance.

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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

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov



City of Albuquerque

Planning Department Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2018)

Approved Master

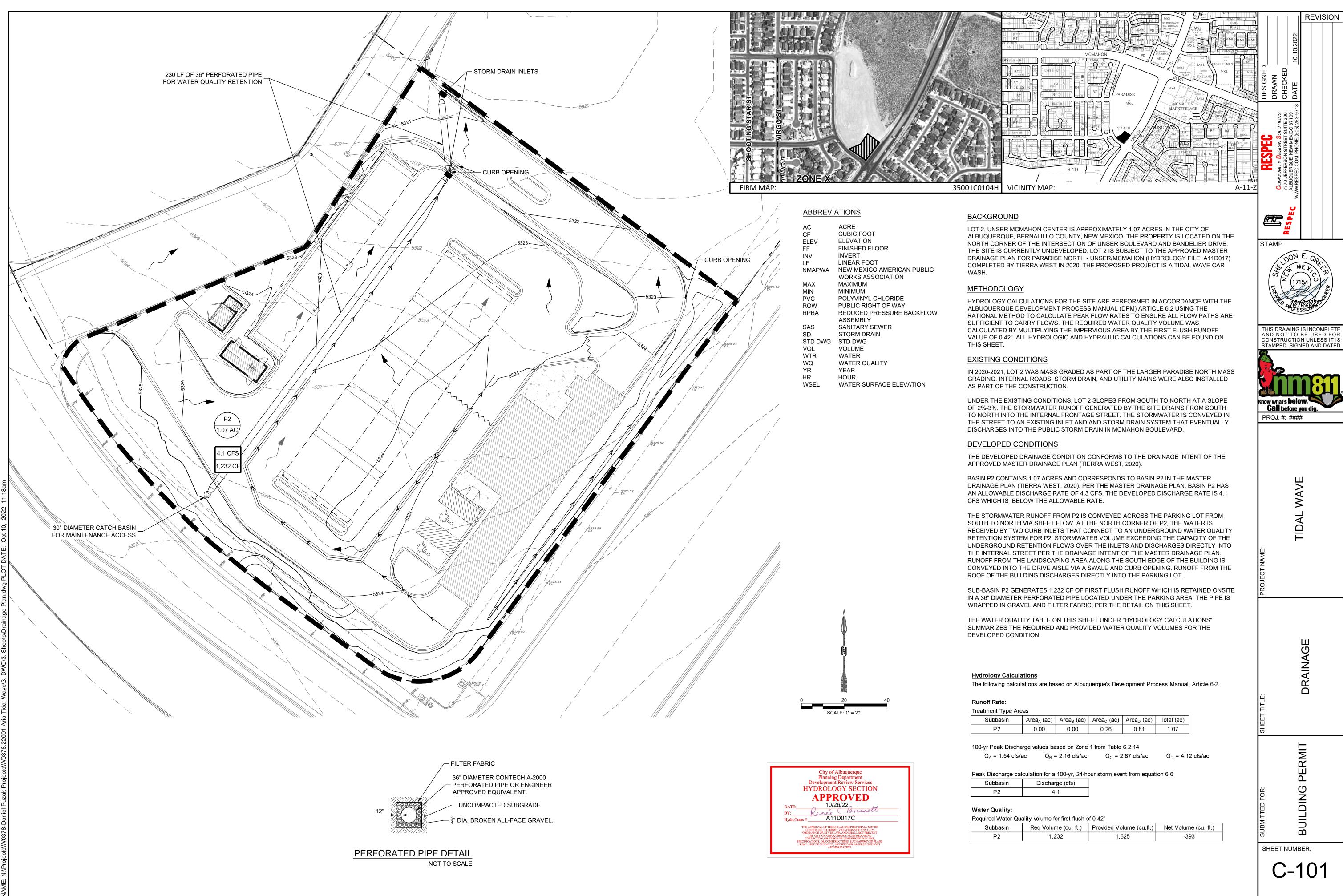
Project Title:	Building 3		Drainage Plan 2020 Hydrology File #:	
			Work Order#:	
Legal Description:				
City Address:				
Applicant:			Contact:	
Address:				
			E-mail:	
Owner:			Contact:	
Address:				
			E-mail:	
TYPE OF SUBMITTAL: PLA	Γ (# OF LOTS)	RESIDENCE	DRB SITE ADMIN SITE	
IS THIS A RESUBMITTAL?:	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			AL 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 GRADING/ PAD CERTIFICATION		
TRAFFIC IMPACT STUDY (TI	S)			
OTHER (SPECIFY)		WO	RK ORDER APPROVAL	
PRE-DESIGN MEETING?			OMR/LOMR	
			OODPLAIN DEVELOPMENT PERMIT	
		OTF	HER (SPECIFY)	

DATE SUBMITTED:

____By: ____

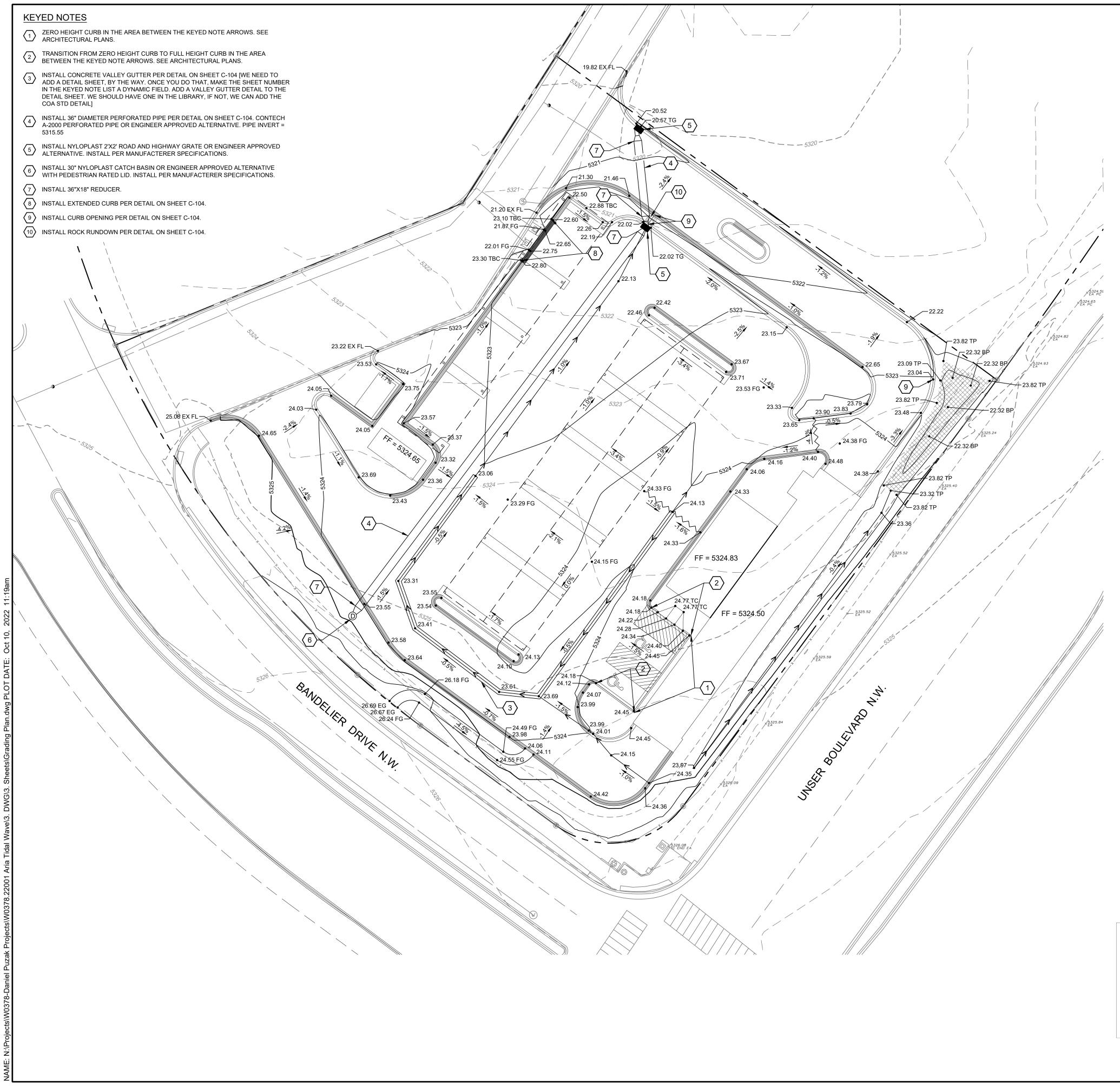
ELECTRONIC SUBMITTAL RECEIVED:

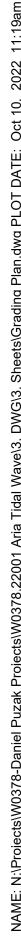
FEE PAID:



reatment Type Are				• • • •		1
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	
00-yr Peak Discha	arge values ba	ased on Zone	1 from Table	6.2.14		
	-	- · ·		/	<u> </u>	~ ~ /
$Q_A = 1.54 \text{ cts/a}$	ac Q _B =	= 2.16 cfs/ac	$Q_{\rm C} = 2$	2.87 cfs/ac	Q _D = 4.1	2 CfS/a
$Q_A = 1.54 \text{ cts/a}$	ac Q _B =	= 2.16 cts/ac	$Q_{\rm C} = 2$	2.87 cts/ac	Q _D = 4.1	2 CIS/a
$Q_A = 1.54 \text{ cts/a}$ Peak Discharge cal			Ū.			2 cts/a
	culation for a		Ū.			2 cts/a
Peak Discharge cal	culation for a Dischar	100-yr, 24-ho	Ū.			2 cts/a
Peak Discharge cal Subbasin	culation for a Dischar	100-yr, 24-ho rge (cfs)	Ū.			2 cts/a
Peak Discharge cal Subbasin	culation for a Dischar	100-yr, 24-ho rge (cfs)	Ū.			2 cts/

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





GRADING GENERAL NOTES

- 1. INSTALL PAVEMENT, HANDICAP RAMPS, CURB AND GUTTER, SIDEWALK AND ALL OTHER FEATURES WITHOUT DETAILS ON THIS SHEET PER ARCHITECTURAL PLANS.
- 2. 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
- 3. GRADES SHOWN ARE FINAL SURFACE GRADES AFTER COMPLETION OF SURFACE IMPROVEMENTS AND PLACEMENTS OF TOPSOIL.
- 4. GRADE ADJACENT AREAS AT SITE PERIMETER SHALL MATCH GRADE OF ADJACENT PARCELS.
- 5. 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.
- 6. REFER TO GEOTECHNICAL EVALUATIONS REPORT X BY XXXXX DATED XXXXX.
- 7. COMPOSITE SLOPE IN HANDICAP PARKING SHALL NOT EXCEED 2% IN ANY DIRECTION. 8. CROSS SLOPE ON ADA CROSSWALKS SHALL NOT EXCEED 2%. LONGITUDINAL SLOPE
- SHALL NOT EXCEED 5%.
- 9. LONGITUDINAL SLOPE ON CURB RAMP SHALL NOT EXCEED 8.33%. CROSS SLOPE SHALL NOT EXCEED 2%.
- 10. COMPOSITE SLOPE ON RAMP LANDINGS SHALL NOT EXCEED 2%.
- 11. CROSS SLOPES ON SIDEWALKS SHALL NOT EXCEED 2%. LONGITUDINAL SLOPES ON ONSITE SIDEWALKS SHALL NOT EXCEED 5%.
- 12. 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. 13. INSTALL PAVING PER PAVEMENT SECTION ON SHEET C-104.
- 14. FOR TUNNEL BUILDING ENTRANCE AND EXIT SLABS, SEE ARCHITECTURAL PLANS.

ABBREVIATIONS

SITE CIVIL LEGEND:

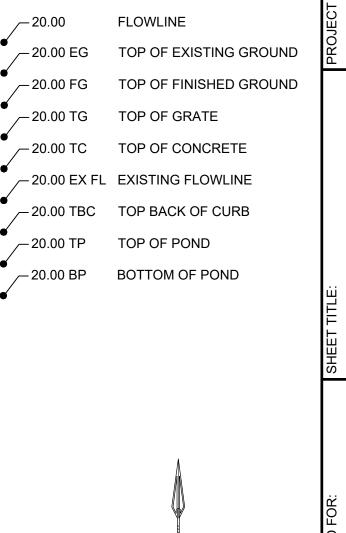
	PROPERTY BOUNDARY
5272	PROPOSED MAJOR CONTOUR
5272	PROPOSED MINOR CONTOUR
5272	EXISTING MAJOR CONTOUR
<u>5272</u>	EXISTING MINOR CONTOUR
\angle \angle \angle \angle	LIMITS OF DISTURBANCE
$\rightarrow\rightarrow\rightarrow$	FLOWLINE
	GRADE BREAK / HIGH POINT
KEREKEREKE KEREKEREKER	4"-6" DIAMETER BROKEN ROC INSTALLED WITH 6" TYPICAL DEPTH.
	TOP OF POND

DEPRESSED CURB & GUTTER

EXTENDED CURB



SPOT ELEVATION SYMBOLS





REVISION

SHEET NUMBER:

C-102

SCALE: 1" = 20'