

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

October 31, 2023

Kofi Addo-Nyarko, P.E.
Bowman Consulting Group
5601 Democracy Drive
Suite 205
Plano, TX 75024

RE: Whataburger - 98th and Volcano
30-day Temporary C.O. - Accepted
Engineer's Certification Date: 10/27/23
Engineer's Stamp Date: 12/14/22
Hydrology File: K09D048A

Dear Mr. Addo-Nyarko:

PO Box 1293

Based **solely** on the Certification received 10/30/2023, this letter serves as a “green tag” from Hydrology Section for a **30-day** Temporary Certificate of Occupancy to be issued by the Building and Safety Division.

Albuquerque

PRIOR TO PERMANENT CERTIFICATE OF OCCUPANCY:

NM 87103

1. Please Resubmit to PLNDRS@cabq.gov when ready with an updated engineer's certification with as-built topographic information.
2. 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 pond per Article 6-15(C) of the DPM to Hydrology for review at Plaza de Sol.

www.cabq.gov

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

Sincerely,


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

DRAINAGE CERTIFICATION

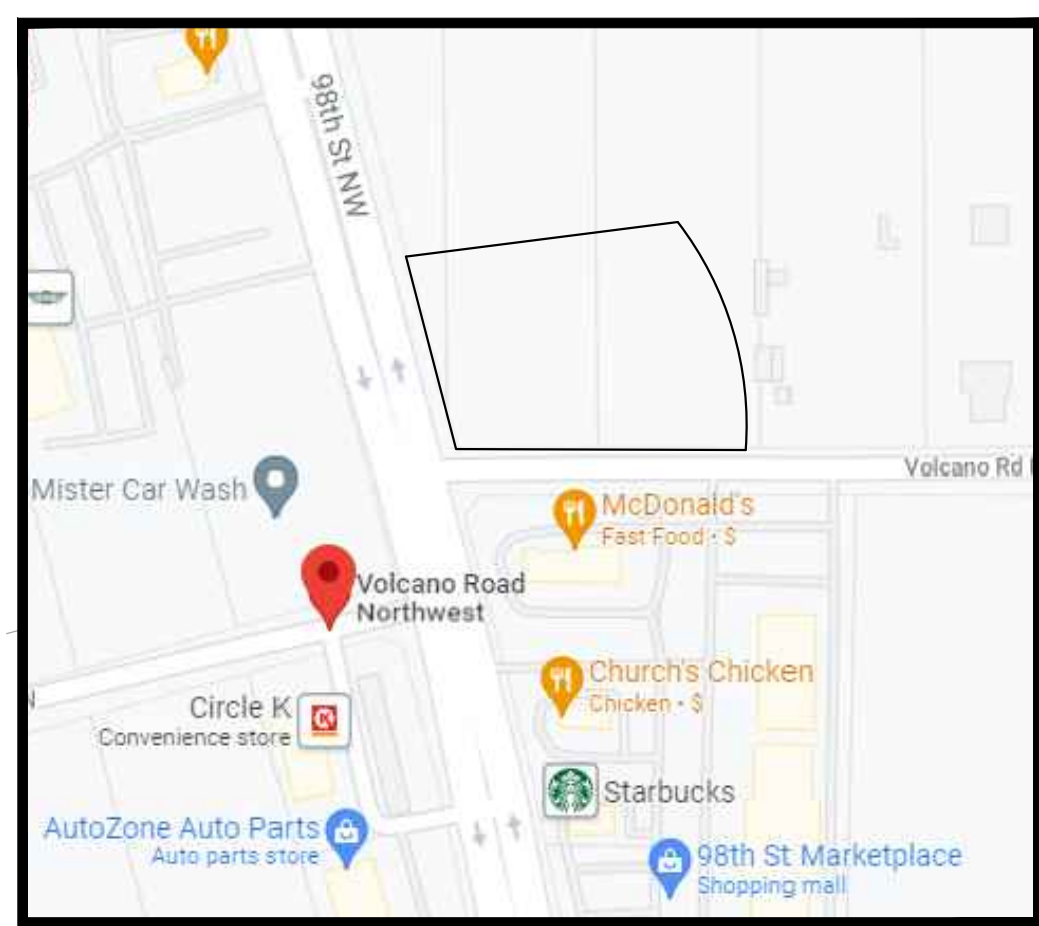
I, KOFI ADDO-NYARKO, NMPE 25552, OF THE FIRM BOWMAN CONSULTING GROUP, LTD, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 01/20/2023. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY KOFI ADDO-NYARKO, NMPE 25552, OF THE FIRM BOWMAN CONSULTING GROUP, LTD. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 10/26/2023 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR TEMPORARY CERTIFICATE OF OCCUPANCY.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.



, NMPE 25552 (SEAL)

October 27, 2023



VICINITY MAP
NTS

DRAINAGE CALCULATIONS ARE BASED ON CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL (DPM) ARTICLE 6-2(A) - PROCEDURE FOR 40-ACRE AND SMALLER BASINS ZONE 1 LOCATION.

Pre-Development Conditions											
Drainage Area	Acres	Time of Concentration (Min)	2 Year Runoff Coefficient	2 Year Intensity (In/Hr)	2 Year Runoff (cfs)	10 Year Runoff Coefficient	10 Year Intensity (In/Hr)	10 Year Runoff (cfs)	100 Year Runoff Coefficient	100 Year Intensity (In/Hr)	100 Year Runoff (cfs)
A-1	1.457	12.00	0.28	0.15	0.06	0.51	0.23	0.17	0.63	0.36	0.33

Post-Development Conditions											
Drainage Area	Acres	Time of Concentration (Min)	2 Year Runoff Coefficient	2 Year Intensity (In/Hr)	2 Year Runoff (cfs)	10 Year Runoff Coefficient	10 Year Intensity (In/Hr)	10 Year Runoff (cfs)	100 Year Runoff Coefficient	100 Year Intensity (In/Hr)	100 Year Runoff (cfs)
A-1	1.457	12.00	0.89	0.15	0.19	0.90	0.23	0.30	0.90	0.36	0.47

DIFFERENCE IN RUNOFF (EXISTING VS PROPOSED)			
2 Year Runoff (cfs)	10 Year Runoff (cfs)	100 Year Runoff (cfs)	Net Change
0.13	0.13	0.14	Increase

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
APPROVED
DATE: 01/20/23
BY: *Renee C. Brissett*
HydroTeam # K09D048A

GRADING LEGEND

PROPOSED BUILDING	
PROPERTY LINE	
STD. 6" CONCRETE CURB	
PROPOSED CONTOUR	
EXISTING CONTOUR	
DIRECTION OF FLOW	
SPOT ELEVATION	
EXISTING GRADE TIE IN	
TOP OF CURB	
BOTTOM OF CURB	
STORM CATCH BASIN	
STORM PIPE	

EXISTING LEGEND

	FOUND MONUMENT (AS NOTED)
	TEMPORARY BENCHMARK
	TELEPHONE MANHOLE
	SEWER MANHOLE
	DRAINAGE MANHOLE
	FIRE HYDRANT
	WATER VALVE
	DRAINAGE INLET
	SIGN
(M)	MEASURED/CALCULATED DIMENSION
(R)	RECORD DIMENSION
N/F	NOW OR FORMERLY
R/W	RIGHT-OF-WAY
TBM	TEMPORARY BENCHMARK
RCP	REINFORCED CONCRETE PIPE
PVC	POLYVINYL CHLORIDE PIPE
BOC	BACK OF CURB
FL	FLOW LINE
EA	EDGE OF ASPHALT
TC	TOP OF CONCRETE
TA	TOP OF ASPHALT
TB	TOP OF BANK
BB	BOTTOM OF BANK
NG	NATURAL GROUND
	BUILDING OVERHANG
	CENTERLINE
	UNDERGROUND SEWER LINE
	UNDERGROUND STORM DRAIN LINE
	SUBJECT PROPERTY LINE

GRADING NOTES

- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF ALL EXISTING UTILITIES (ABOVE AND BELOW GROUND) AS SHOWN ON THESE PLANS ARE APPROXIMATE AND WERE LOCATED BASED ON EITHER VISUAL OBSERVATIONS AT THE SITE, EXISTING SURVEYS, AND/OR FROM UTILITY OWNERS. THE OWNER DOES NOT GUARANTEE THAT EXISTING UTILITY LOCATIONS ARE EXACT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES (ABOVE AND BELOW GROUND) BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL CALL APPROPRIATE UTILITY COMPANIES AND THE UTILITIES PROTECTION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY OWNER AND/OR ENGINEER OF ANY UTILITY CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING AND COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
- CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDING AND FOR ALL NATURAL AND PAVED AREAS.
- CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
- CONTRACTOR TO REVIEW GEOTECHNICAL REPORT PROVIDED BY THE OWNER.
- ALL PROPOSED SPOT ELEVATIONS ARE PAVEMENT GRADES, UNLESS OTHERWISE NOTED. TOP OF CURB ELEVATIONS ARE 6 INCH ABOVE ELEVATIONS SHOWN ON THIS PLAN.
- ALL ELEVATIONS PRESENTED IN THESE PLANS ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF NAVD 88.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING CONSTRUCTION ACTIVITIES TO ENSURE THAT PUBLIC STREETS AND RIGHT-OF-WAYS ARE KEPT CLEAR OF MUD, DUST OR DEBRIS. DUST ABATEMENT SHALL BE MAINTAINED BY ADEQUATE WATERING OF THE SITE BY THE CONTRACTOR.
- CLEAR AND GRUB WITHIN WORK LIMITS FOR ALL SURFACE VEGETATION, TREES, STUMPS, BRUSH, ROOTS, ETC. DO NOT DAMAGE OR REMOVE TREES EXCEPT AS APPROVED BY THE ENGINEER OR AS SHOWN ON THE DRAWINGS. PROTECT ALL ROOTS TWO INCHES IN DIAMETER OR LARGER.
- STRIP WORK LIMITS, REMOVING ALL ORGANIC MATTER WHICH CANNOT BE COMPACTED INTO A STABLE MASS, ALL TREES, BRUSH, AND DEBRIS ASSOCIATED WITH CLEARING, STRIPPING OR GRADING SHALL BE REMOVED AND DISPOSED OFF SITE BY THE CONTRACTOR.
- UNLESS OTHERWISE SHOWN ON THE DRAWINGS, STRAIGHT GRADES SHALL BE RUN BETWEEN ALL FINISH GRADE ELEVATIONS AND/OR FINISH CONTOUR LINES. FINISH PAVEMENT GRADES AT TRANSITION TO EXISTING PAVEMENT SHALL MATCH EXISTING PAVEMENT GRADES OR SHALL BE FEATHERED PAST JOINTS WITH EXISTING PAVEMENT AS REQUIRED TO PROVIDE A SMOOTH, FREE DRAINAGE SURFACE.
- ALL EXISTING AND CONSTRUCTED MANHOLES, CLEANOUTS, MONUMENTS, GAS VALVES, WATER VALVES, AND SIMILAR STRUCTURES SHALL BE ADJUSTED TO MATCH FINISH GRADE OF THE PAVEMENT, SIDEWALK, LANDSCAPED AREA, OR MEDIAN STRIP WHEREIN THEY LIE.

ADA NOTES

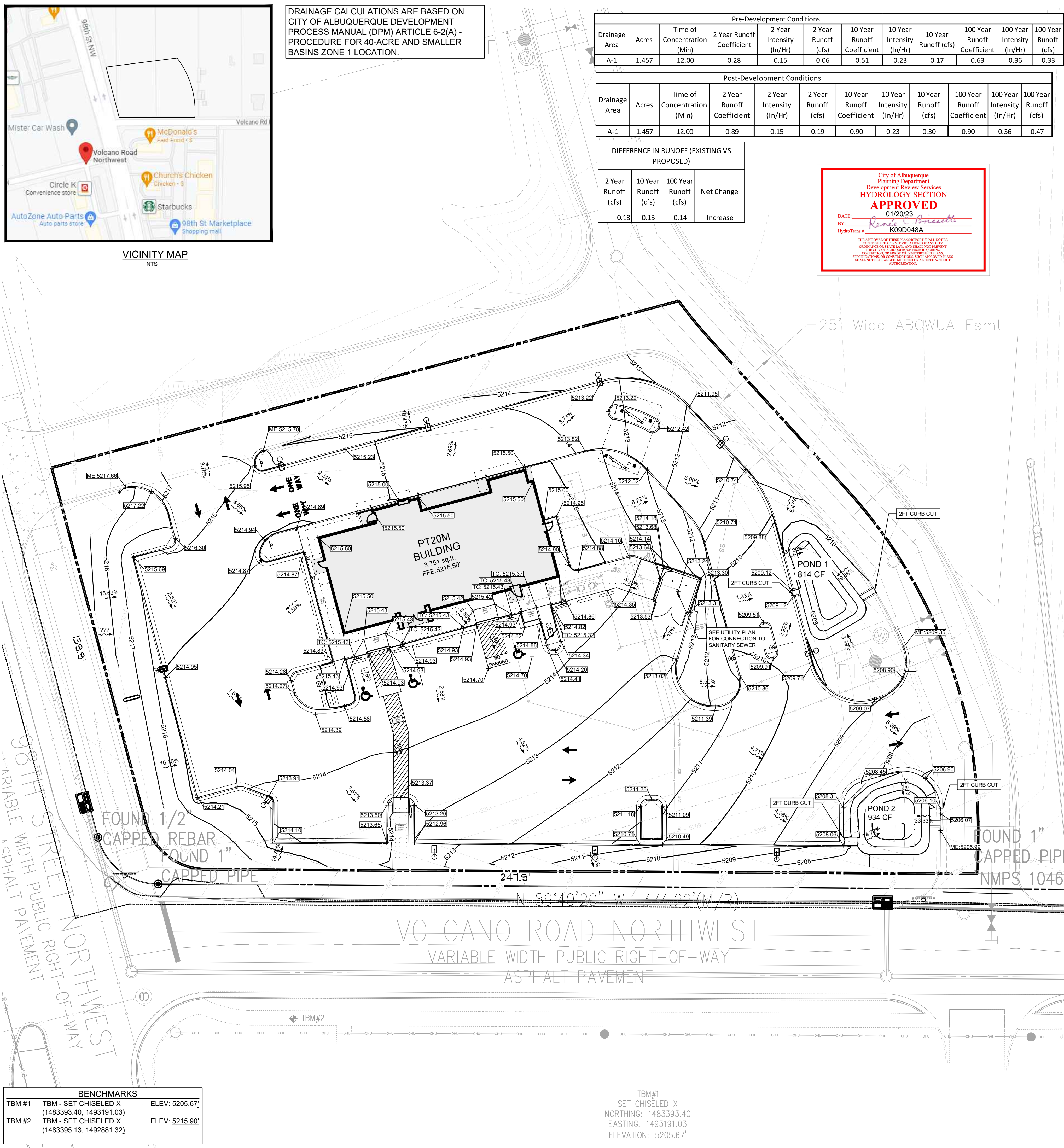
- THE DESIGN PROFESSIONAL SIGNING THIS DOCUMENT REPRESENTS THAT TO THE BEST OF HIS/HER PROFESSIONAL JUDGEMENT, KNOWLEDGE, AND BELIEF THE DESIGN SPECIFICATIONS HEREIN COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA).
- ALL GRADES/SLOPES SHOWN ON THIS PLAN WERE DESIGNED AT OR BELOW MAXIMUMS ALLOWED BY THE AMERICANS WITH DISABILITIES ACT (ADA). IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES, AND THE ADA DESIGN MANUAL. IN THE EVENT THAT A DESIGN QUESTION SHOULD ARISE, OR A FIELD CONDITION PRESENT ITSELF THAT IS DIFFERENT FROM THOSE SHOWN ON THESE PLANS, WORK SHOULD CEASE AND THE ENGINEER SHOULD BE NOTIFIED SO THAT AN ACCEPTABLE SOLUTION CAN BE DETERMINED.
- THE CONTRACTOR IS ADVISED TO CAREFULLY CHECK ALL THE PHASES OF WORK RELATING TO ADA ACCESSIBILITY FOR THIS PROJECT, SINCE THE CODE DOES NOT ALLOW FOR CONSTRUCTION TOLERANCE, ANY CONSTRUCTION THAT EXCEEDS MAXIMUM OR MINIMUM DIMENSIONS AND SLOPES AS REQUIRED BY ADA ARE SUBJECT TO REJECTION AND MAY BE REQUIRED TO BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- SINCE THE CIVIL ENGINEER OR SURVEYOR CANNOT CONTROL THE EXACT METHODS OR MEANS USED BY THE GENERAL CONTRACTOR OR THEIR SUBCONTRACTORS DURING GRADING AND CONSTRUCTION OF THE PROJECT, THE CIVIL ENGINEER OR SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE FINAL ACCEPTANCE OF AMERICANS WITH DISABILITIES ACT ACCESSIBILITY RELATED ITEMS BY THE CITY, ANY OTHER AUTHORITY, OR AFFECTED PARTIES.

FEMA FLOOD NOTE

THIS PROPERTY IS IN ZONE "X" OF THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 35001C0328J, WHICH BEARS AN EFFECTIVE DATE OF 11/04/2016 AND IS NOT IN A SPECIAL FLOOD HAZARD AREA.



THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCASIONED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



BENCHMARKS		
TBM #1	TBM - SET CHISELED X (1483393.40, 1493191.03)	ELEV: 5205.67'
TBM #2	TBM - SET CHISELED X (1483395.13, 1492861.32)	ELEV: 5215.90'

TBM#1
SET CHISELED X
NORTHING: 1483393.40
EASTING: 1493191.03
ELEVATION: 5205.67'

STORMWATER QUALITY VOLUME AND DETENTION

SITE AREA TOTAL: 63,496 SF (1.457 AC)
IMPERVIOUS AREA: 47,927 SF (1.100 AC)
PERVIOUS AREA OPEN SPACE: 15,569 SF (0.357 AC)

STORMWATER QUALITY VOLUME (SWQV) REQUIRED:

SWQV = 0.42 INCHES PER SQUARE FOOT IMPERVIOUS AREA
SWQV = (0.42 x 47,927) / 12
SWQV = 1,677 CF

STORMWATER QUALITY VOLUME (SWQV) PROVIDED

SWQV PROVIDED POND 1 = 814 CF
SWQV PROVIDED POND 2 = 934 CF
TOTAL SWQV PROVIDED = 1,748 CF

POND 1 CURB CUT WEIR CALCULATIONS

$Q = CLH^{3/2}$
 $L = Q / CH^{3/2}$
 $L = 0.47 / (2.7 \times 0.5^{3/2})$
 $L = 0.5 FT$
CURB CUT PROVIDED 2FT

POND 2 CURB CUT WEIR CALCULATIONS

$Q = CLH^{3/2}$
 $L = Q / CH^{3/2}$
 $L = 0.47 / (2.7 \times 0.5^{3/2})$
 $L = 0.5 FT$
CURB CUT PROVIDED 2FT

Bowman
© Bowman Consulting Group, Ltd.

5601 Democracy Dr.,
Ste 205
Plano, Texas 75024
Phone: (972) 497-2990
Fax: (972) 927-4862
www.bowman.com

REVISIONS	DATE	DESCRIPTION	REV#3	REV#4
	08/09/22	FIRE COMMENTS 1		
	08/09/22	CITY COMMENTS		

GRADING & DRAINAGE PLAN

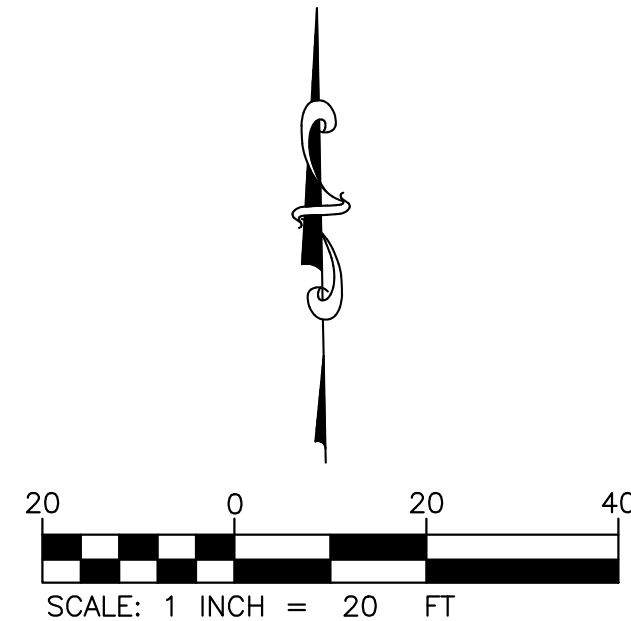
WHATABURGER
NEC 98TH ST. & VOLCANO RD.
ALBUQUERQUE, NM 87124



DESIGN	DRAWN	CHKD
BB	BB	KAN

JOB No. 070426-01-001

SHEET
C008



DRAINAGE LEGEND















DIRECTION OF FLOW

DRAIANGE AREA BOUNDARY

DRAINAGE AREA IDENTIFIER

EXISTING CONTOURS

EXISTING LEGEND

- | | |
|---|-------------------------------|
|  | FOUND MONUMENT (AS NOTED) |
|  | TEMPORARY BENCHMARK |
|  | TELEPHONE MANHOLE |
|  | SEWER MANHOLE |
|  | DRAINAGE MANHOLE |
|  | FIRE HYDRANT |
|  | WATER VALVE |
|  | DRAINAGE INLET |
|  | SIGN |
| (M) | MEASURED/CALCULATED DIMENSION |
| (R) | RECORD DIMENSION |
| N/F | NOW OR FORMERLY |
| R/W | RIGHT-OF-WAY |
| TBM | TEMPORARY BENCHMARK |
| RCP | REINFORCED CONCRETE PIPE |
| PVC | POLYVINYL CHLORIDE PIPE |
| BOC | BACK OF CURB |
| FL | FLOW LINE |
| EA | EDGE OF ASPHALT |
| TC | TOP OF CONCRETE |
| TA | TOP OF ASPHALT |
| TB | TOP OF BANK |
| BB | BOTTOM OF BANK |
| NG | NATURAL GROUND |
|  | BUILDING OVERHANG |
|  | CENTERLINE |
|  | UNDERGROUND SEWER LINE |
|  | UNDERGROUND STORM DRAIN LINE |
|  | SUBJECT PROPERTY LINE |

Pre-Development Conditions											
Drainage Area	Acres	Time of Concentration (Min)	2 Year Runoff Coefficient	2 Year Intensity (In/Hr)	2 Year Runoff (cfs)	10 Year Runoff Coefficient	10 Year Intensity (In/Hr)	10 Year Runoff (cfs)	100 Year Runoff Coefficient	100 Year Intensity (In/Hr)	100 Year Runoff (cfs)
A-1	1.457	12.00	0.28	0.15	0.06	0.51	0.23	0.17	0.63	0.36	0.33

DRAINAGE CALCULATIONS ARE BASED ON
CITY OF ALBUQUERQUE DEVELOPMENT
PROCESS MANUAL (DPM) ARTICLE 6-2(A) -
PROCEDURE FOR 40-ACRE AND SMALLER
BASINS ZONE 1 LOCATION.



THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

Bowman

© Bowman Consulting Group, Ltd.

REVISIONS		
REVISION	DESCRIPTION	DATE
①	REV#3 FIRE COMMENTS 1	08/09/22
②	REV#4 CITY COMMENTS	08/09/22

EXISTING DRAINAGE AREA MAP

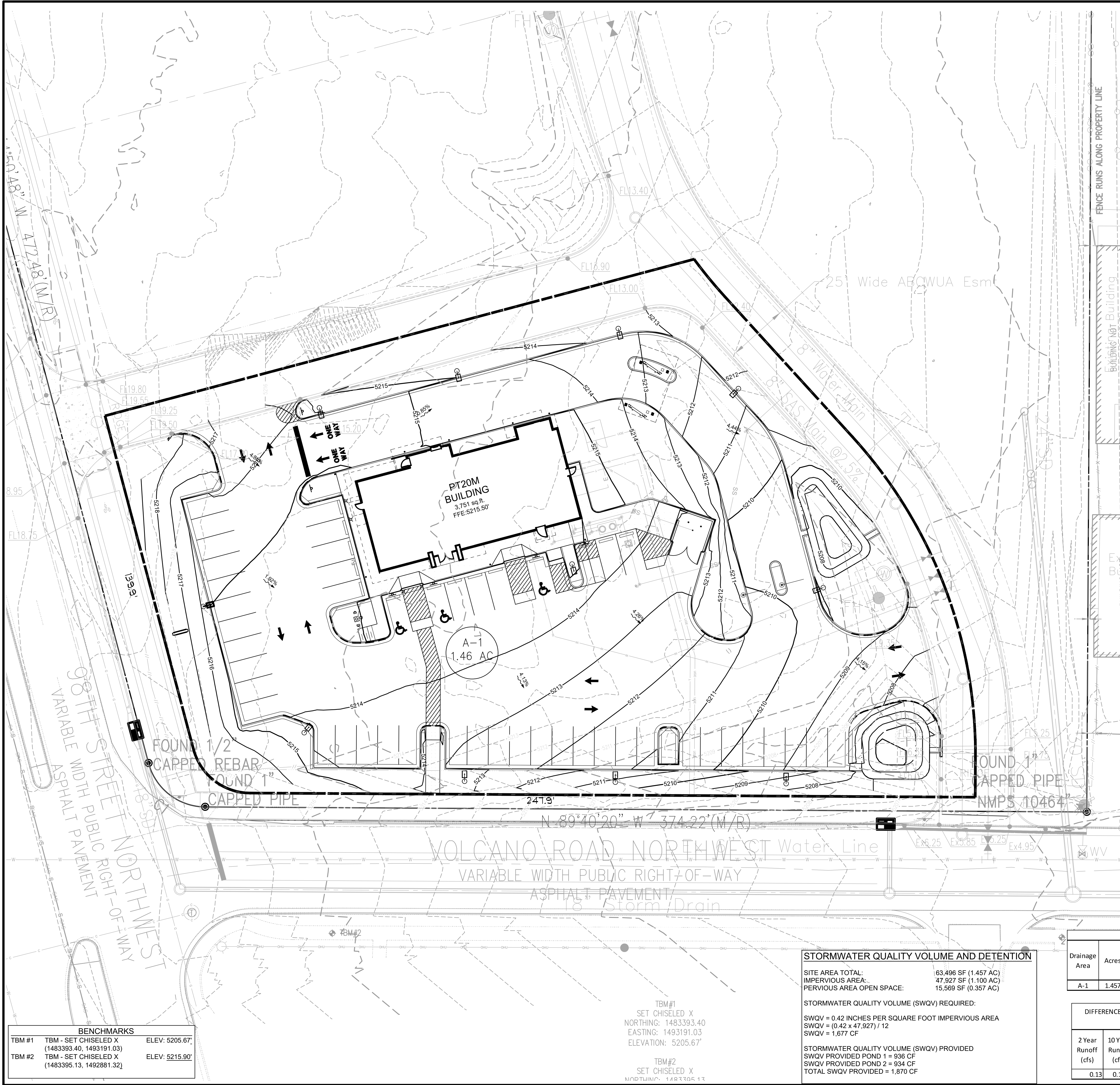
WHATABURGER
NEC 98TH ST. & VOLCANO RD.

ALBUQUERQUE, NM 87124



DESIGN BB	DRAWN BB	CHKD KAN
JOB No. 070426-01-001		

SHEET
C009



PROPOSED LEGEND

- PROPOSED BUILDING
- PROPERTY LINE
- STD. 6" CONCRETE CURB
- DIRECTION OF FLOW
- DRAINAGE AREA BOUNDARY
- DRAINAGE AREA IDENTIFIER
- EXISTING CONTOURS
- PROPOSED CONTOURS

EXISTING LEGEND

- FOUND MONUMENT (AS NOTED)
- TEMPORARY BENCHMARK
- TELEPHONE MANHOLE
- SEWER MANHOLE
- DRAINAGE MANHOLE
- FIRE HYDRANT
- WATER VALVE
- DRAINAGE INLET
- SIGN
- (M) MEASURED/CALCULATED DIMENSION
- (R) RECORD DIMENSION
- N/F NOW OR FORMERLY
- R/W RIGHT-OF-WAY
- TBM TEMPORARY BENCHMARK
- RCP REINFORCED CONCRETE PIPE
- PVC POLYVINYL CHLORIDE PIPE
- BOC BACK OF CURB
- FL FLOW LINE
- EA EDGE OF ASPHALT
- TC TOP OF CONCRETE
- TA TOP OF ASPHALT
- TB TOP OF BANK
- BB BOTTOM OF BANK
- NG NATURAL GROUND
- BUILDING OVERHANG
- CENTERLINE
- UNDERGROUND SEWER LINE
- UNDERGROUND STORM DRAIN LINE
- SUBJECT PROPERTY LINE



POND 1 CURB CUT WEIR CALCULATIONS

$Q = CLH^{3/2}$
 $L = Q / CH^{3/2}$
 $L = 0.47 / (2.7 \times 0.5^{3/2})$
 $L = 0.5 \text{ FT}$
CURB CUT PROVIDED 2FT

POND 2 CURB CUT WEIR CALCULATIONS

$Q = CLH^{3/2}$
 $L = Q / CH^{3/2}$
 $L = 0.47 / (2.7 \times 0.5^{3/2})$
 $L = 0.5 \text{ FT}$
CURB CUT PROVIDED 2FT

DRAINAGE CALCULATIONS ARE BASED ON CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL (DPM) ARTICLE 6-2(A) - PROCEDURE FOR 40-ACRE AND SMALLER BASINS ZONE 1 LOCATION.

STORMWATER QUALITY VOLUME AND DETENTION

SITE AREA TOTAL: 63,496 SF (1.457 AC)
IMPERVIOUS AREA: 47,927 SF (1.100 AC)
PERVIOUS AREA OPEN SPACE: 15,569 SF (0.357 AC)

STORMWATER QUALITY VOLUME (SWQV) REQUIRED:

SWQV = 0.42 INCHES PER SQUARE FOOT IMPERVIOUS AREA
SWQV = $(0.42 \times 47,927) / 12$
SWQV = 1,677 CF

STORMWATER QUALITY VOLUME (SWQV) PROVIDED

SWQV PROVIDED POND 1 = 936 CF
SWQV PROVIDED POND 2 = 934 CF
TOTAL SWQV PROVIDED = 1,870 CF

Post-Development Conditions											
Drainage Area	Acres	Time of Concentration (Min)	2 Year Runoff Coefficient	2 Year Intensity (In/Hr)	2 Year Runoff (cfs)	10 Year Runoff Coefficient	10 Year Intensity (In/Hr)	10 Year Runoff (cfs)	100 Year Runoff Coefficient	100 Year Intensity (In/Hr)	100 Year Runoff (cfs)
A-1	1.457	12.00	0.89	0.15	0.19	0.90	0.23	0.30	0.90	0.36	0.47

DIFFERENCE IN RUNOFF (EXISTING VS PROPOSED)			
2 Year Runoff (cfs)	10 Year Runoff (cfs)	100 Year Runoff (cfs)	Net Change
0.13	0.13	0.14	Increase



THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

BENCHMARKS		
TBM #1	TBM - SET CHISELED X (1483393.40, 1493191.03)	ELEV: 5205.67'
TBM #2	TBM - SET CHISELED X (1483395.13, 1492861.32)	ELEV: 5215.90'

TBM#1
SET CHISELED X
NORTHING: 1483393.40
EASTING: 1493191.03
ELEVATION: 5205.67'

TBM#2
SET CHISELED X
NORTHING: 1483395.13
EASTING: 1492861.32
ELEVATION: 5215.90'

REVISIONS		DATE	DESCRIPTION
1	REV#1	08/09/22	FIRE COMMENTS
2	REV#2	08/09/22	CITY COMMENTS

PROPOSED DRAINAGE AREA MAP
WHATABURGER
NEC 98TH ST. & VOLCANO RD.
ALBUQUERQUE, NM 87124