

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

April 13, 2023

Mark H. Burak, P.E.
1512 Sagebrush Trail SE
Albuquerque, NM 87123

RE: Buner Metal Bldg – 2nd St. NW
Grading and Drainage Plans
Engineer's Stamp Date: 04/04/23
Hydrology File: G14D101

Dear Mr. Burak:

Based upon the information provided in your submittal received 04/05/2023, the Grading & Drainage Plans **are not** approved for Building Permit and Grading Permit. The following comments need to be addressed for approval of the above referenced project:

PO Box 1293

Albuquerque

NM 87103

1. For automotive repair and parts shops, per the DPM Section 6-12(D)(1) These land uses include shops that repair any portion of a vehicle (e.g. automotive body shops or general automotive repair) and retail automotive parts stores that have parking for customers. The exterior impervious area of these land uses shall drain to a surface stormwater quality facility that will remove pollutants from the stormwater prior to discharge into the street or drainage facility. Since the current site is an automotive repair shop, the all existing asphalt will have to be regraded. Please take another approach to this development with respect to the required SWQ ponds. An outfall pipe to the curb may be needed is the ponds are to be where you are showing them and SO-19 notes will have to be added.

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 rbrissette@cabq.gov.

Sincerely,

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 6/2018)

Project Title: Bruner Metal Building **Building Permit#:** _____ **Hydrology File#:** _____
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: Lots 4 & 5, Monkbridge Addition
City Address: 4012, 4016 Second St NW, Albuquerque, NM

Applicant: Burak Consulting **Contact:** Mark Burak, PE
Address: 1512 Sagebrush Tr SE, 87123
Phone#: (505) 235-2256 **Fax#:** _____ **E-mail:** mburak@comcast.net

Other Contact: R² Architectural Design, LLC **Contact:** Rob Rayner, AIA
Address: 12024 Paisano Ct NE, ABQ 87112
Phone#: (505) 321-3932 **Fax#:** _____ **E-mail:** _____

TYPE OF DEVELOPMENT : _____ PLAT (# of lots) _____ RESIDENCE _____ DRB SITE _____ ADMIN SITE

IS THIS A RESUBMITTAL? _____ Yes ☒ No

DEPARTMENT _____ TRANSPORTATION ☒ HYDROLOGY/DRAINAGE

Check all that Apply:

TYPE OF SUBMITTAL:

- ☐ ENGINEER/ARCHITECT CERTIFICATION
- ☐ PAD CERTIFICATION
- ☐ CONCEPTUAL G & D PLAN
- ☒ GRADING PLAN
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE MASTER PLAN
- ☐ FLOODPLAIN DEVELOPMENT PERMIT APPLICATION
- ☐ ELEVATION CERTIFICATE
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ TRAFFIC IMPACT STUDY (TIS)
- ☐ STREET LIGHT LAYOUT
- ☐ OTHER (SPECIFY) _____
- ☐ PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

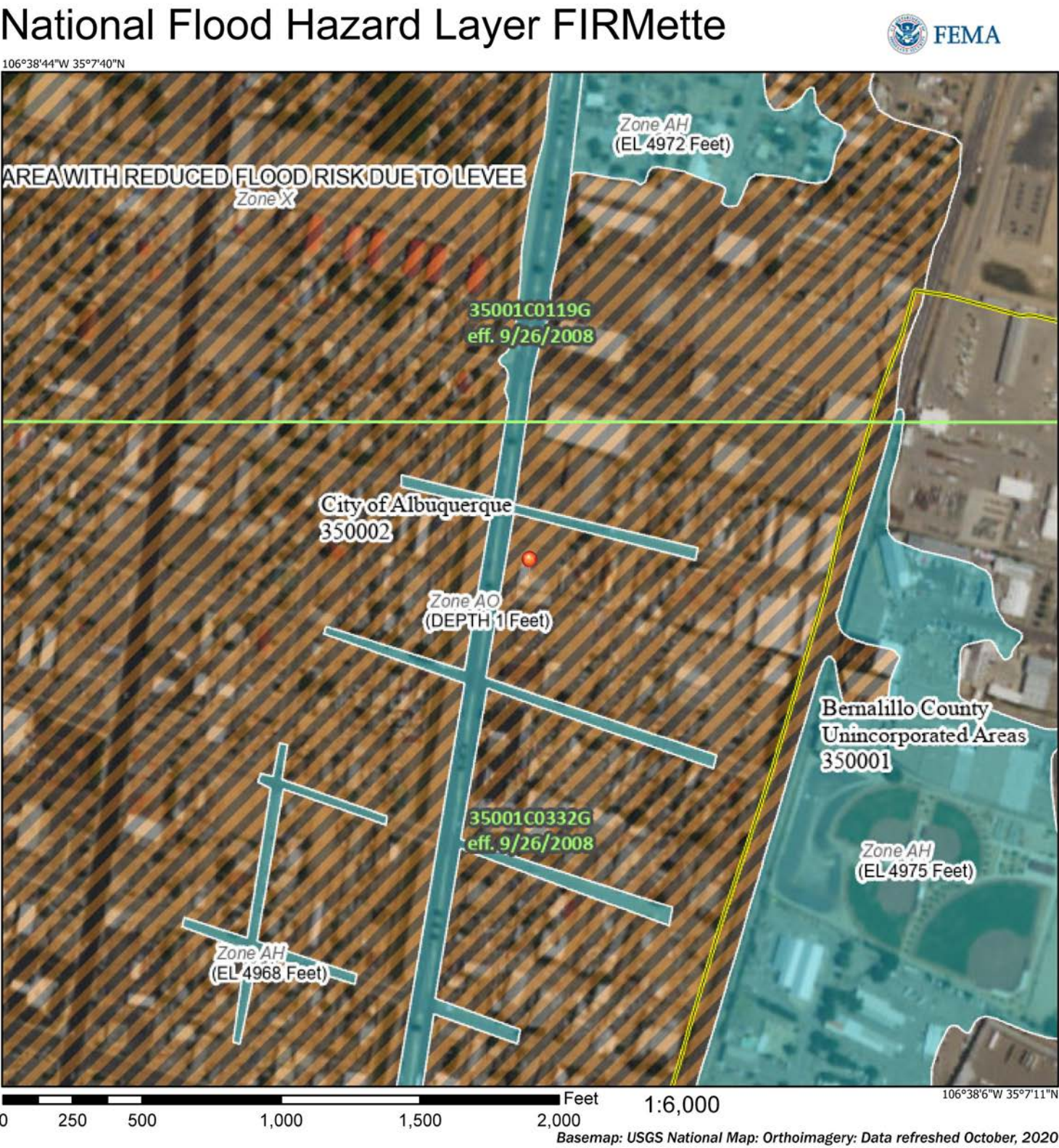
- ☒ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ SITE PLAN FOR SUB'D APPROVAL
- ☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
- ☐ FOUNDATION PERMIT APPROVAL
- ☒ GRADING PERMIT APPROVAL
- ☐ SO-19 APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ GRADING/ PAD CERTIFICATION
- ☐ WORK ORDER APPROVAL
- ☐ CLOMR/LOMR
- ☐ FLOODPLAIN DEVELOPMENT PERMIT
- ☐ OTHER (SPECIFY) _____

DATE SUBMITTED: April 5, 2023 **By:** Mark Burak

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: \$0



Hydrologic Calculations - COA DPM Ch 6 (100-Year, 6-Hour Storm)										4012 2ND ST NW																			
Burak Consulting																													
Precipitation (DPM Ch6 Table 6.2)					Precipitation (DPM Ch6 Table 6.2)					Precipitation (DPM Ch6 Table 6.2)																			
Zone 2	P60	P300	P1440	P4days	P10days	Zone 2	P60	P300	P1440	P4days	P10days	Zone 2	P60	P300	P1440	P4days	P10days												
Excess (DPM Ch6 Table 6.7)	1.78	2.29	2.59	2.96	3.62	Excess (DPM Ch6 Table 6.7)	1.78	2.29	2.59	2.96	3.62	Excess (DPM Ch6 Table 6.7)	1.78	2.29	2.59	2.96	3.62												
Precipitation (DPM Ch6 Table 6.8)					Precipitation (DPM Ch6 Table 6.8)					Precipitation (DPM Ch6 Table 6.8)																			
Peak	0.02 inches-A				0.8 inches-B	0.86 inches-C	0.95 inches-D	Peak	0.02 inches-A				0.8 inches-B	0.86 inches-C	0.95 inches-D	Peak	0.02 inches-A				0.8 inches-B	0.86 inches-C	0.95 inches-D						
Discharge	1.71 cfs/ac-A				2.36 cfs/ac-B	3.05 cfs/ac-C	4.34 cfs/ac-D	Discharge	1.71 cfs/ac-A				2.36 cfs/ac-B	3.05 cfs/ac-C	4.34 cfs/ac-D	Discharge	1.71 cfs/ac-A				2.36 cfs/ac-B	3.05 cfs/ac-C	4.34 cfs/ac-D						
Drainage Areas														Drainage Areas															
Land Treatments - Existing Conditions							Land Treatments - Existing Conditions							Land Treatments - Fully Developed Conditions							Land Treatments - Fully Developed Conditions								
Basin	Area	Percent A	B	Percent B	C	Percent C	D	Percent D	Area (sf)	Basin	Area	Percent A	B	Percent B	C	Percent C	D	Percent D	Area (sf)										
Basin A	0.00	0%	0.00	0%	0.00	0%	0.05	100%	2,197	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.05	100%	2,197									
Basin B	0.00	0%	0.00	0%	0.00	0%	0.05	100%	2,155	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.05	100%	2,155									
Basin C	0.00	0%	0.00	0%	0.02	100%	0.00	0%	1,050	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.02	100%	1,050									
Basin D	0.00	0%	0.00	0%	0.01	100%	0.00	0%	535	0.00	0%	0.00	0%	0.00	0%	0.01	100%	0.00	0%	535									
Basin E	0.00	0%	0.00	0%	0.02	100%	0.00	0%	1,050	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.02	100%	1,050									
Basin F	0.00	0%	0.00	0%	0.02	100%	0.00	0%	865	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.02	100%	865									
Basin G	0.00	0%	0.00	0%	0.00	0%	0.02	100%	926	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.02	100%	926									
Basin H	0.00	0%	0.00	0%	0.00	0%	0.02	100%	926	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.02	100%	926									
Basin I	0.00	0%	0.00	0%	0.00	0%	0.02	100%	923	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.02	100%	923									
Basin J	0.00	0%	0.00	0%	0.02	100%	0.00	0%	745	0.00	0%	0.00	0%	0.02	100%	0.00	0%	0.00	0%	745									
Basin K	0.00	0%	0.00	0%	0.02	100%	0.00	0%	925	0.00	0%	0.00	0%	0.02	100%	0.00	0%	0.00	0%	925									
										9,169.00 sf																			
Discharge														Discharge															
Peak Flow Rate - Existing Conditions							Peak Flow Rate - Existing Conditions							Peak Flow Rate - Developed Conditions							Peak Flow Rate - Developed Conditions								
Basin	A	B	C	D	100 yr Q (cfs)	Basin	A	B	C	D	100 yr Q (cfs)	Basin	A	B	C	D	100 yr Q (cfs)	Basin	A	B	C	D	100 yr Q (cfs)						
Basin A	0.00	0.00	0.00	0.22	0.2	Basin A	0.00	0.00	0.00	0.22	0.2	Basin A	0.00	0.00	0.00	0.22	0.2	Basin A	0.00	0.00	0.00	0.22	0.2						
Basin B	0.00	0.00	0.00	0.21	0.2	Basin B	0.00	0.00	0.00	0.20	0.2	Basin B	0.00	0.00	0.00	0.20	0.2	Basin B	0.00	0.00	0.00	0.21	0.2						
Basin C	0.00	0.00	0.00	0.00	0.0	Basin C	0.00	0.00	0.00	0.00	0.0	Basin C	0.00	0.00	0.00	0.00	0.0	Basin C	0.00	0.00	0.00	0.00	0.0						
Basin D	0.00	0.00	0.00	0.04	0.00	0.0	Basin D	0.00	0.00	0.00	0.04	0.0	Basin D	0.00	0.00	0.00	0.04	0.0	Basin D	0.00	0.00	0.00	0.04	0.0					
Basin E	0.00	0.00	0.00	0.07	0.00	0.1	Basin E	0.00	0.00	0.00	0.07	0.1	Basin E	0.00	0.00	0.00	0.00	0.1	Basin E	0.00	0.00	0.00	0.00	0.0					
Basin F	0.00	0.00	0.00	0.06	0.00	0.1	Basin F	0.00	0.00	0.00	0.06	0.1	Basin F	0.00	0.00	0.00	0.00	0.1	Basin F	0.00	0.00	0.00	0.00	0.0					
Basin G	0.00	0.00	0.00	0.00	0.09	0.1	Basin G	0.00	0.00	0.00	0.00	0.1	Basin G	0.00	0.00	0.00	0.00	0.1	Basin G	0.00	0.00	0.00	0.00	0.0					
Basin H	0.00	0.00	0.00	0.00	0.09	0.1	Basin H	0.00	0.00	0.00	0.00	0.1	Basin H	0.00	0.00	0.00	0.00	0.1	Basin H	0.00	0.00	0.00	0.00	0.0					
Basin I	0.00	0.00	0.00	0.06	0.00	0.1	Basin I	0.00	0.00	0.00	0.06	0.1	Basin I	0.00	0.00	0.00	0.00	0.1	Basin I	0.00	0.00	0.00	0.00	0.0					
Basin J	0.00	0.00	0.00	0.05	0.00	0.0	Basin J	0.00	0.00	0.00	0.05	0.0	Basin J	0.00	0.00	0.00	0.05	0.0	Basin J	0.00	0.00	0.00	0.00	0.0					
Basin K	0.00	0.00	0.00	0.00	0.00	0.0	Basin K	0.00	0.00	0.00	0.00	0.0	Basin K	0.00	0.00	0.00	0.00	0.0	Basin K	0.00	0.00	0.00	0.00	0.0					
										1.0										1.1									
Volume														Volume															
Runoff Volume - Existing Conditions							Runoff Volume - Existing Conditions							Runoff Volume - Developed Conditions							Runoff Volume - Developed Conditions								
Basin	A	B	C	D	100 yr V (cu-ft)	Basin	A	B	C	D	100 yr V (cu-ft)	Basin	A	B	C	D	100 yr V (cu-ft)	Basin	A	B	C	D	100 yr V (cu-ft)						
Basin A	0	0	0	174	174	Basin A	0	0	0	0	174	174	0	0	0	0	174	174	0	0	0	0	174						
Basin B	0	0	0	171	171	Basin B	0	0	0	0	171	171	0	0	0	0	171	171	0	0	0	0	171						
Basin C	0	0	75	0	75	Basin C	0	0	75	0	75	75	0	0	0	0	83	83	0	0	0	0	83						
Basin D	0	0	38	0	38	Basin D	0	0	38	0	38	38	0	0	0	0	38	38	0	0	0	0	38						
Basin E	0	0	75	0	75	Basin E	0	0	75	0	75	75	0	0	0	0	83	83	0	0	0	0	83						
Basin F	0	0	62	0	62	Basin F	0	0	62	0	62	62	0	0	0	0	68	68	0	0	0	0	68						
Basin G	0	0	73	0	73	Basin G	0	0	73	0	73	73	0	0	0	0	73	73	0	0	0	0	73						
Basin H	0	0	0	0	73	Basin H	0	0	0	0	73	73	0	0	0	0	73	73	0	0	0	0	73						
Basin I	0	0	0	0	66	Basin I	0	0	0	0	66	66	0	0	0	0	66	66	0	0	0	0	66						
Basin J	0	0	0	0	53	Basin J	0	0	0	0	53	53	0	0	0	0	53	53	0	0	0	0	53						
Basin K	0	0	0	0	0	Basin K	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
										862										884									
Volume														Volume															
Runoff Volume - Existing Conditions							Runoff Volume - Existing Conditions							Runoff Volume - Developed Conditions							Runoff Volume - Developed Conditions								
Basin	A	B	C	D	100 yr V (cu-ft)	Basin	A	B	C	D	100 yr V (cu-ft)	Basin	A	B	C	D	100 yr V (cu-ft)	Basin	A	B	C	D	100 yr V (cu-ft)						
Basin A					417	Basin A					417	417					417	417					417						
Basin B					409	Basin B					409	409					409	409					409						
Basin C					75	Basin C					75	75					75	75					75						
Basin D					38	Basin D					38	38					38	38					38						
Basin E					75	Basin E					75	75					75	75					75						
Basin F					62	Basin F					62	62					62	62					62						
Basin G					73	Basin G					73	73					73	73					73						
Basin H					73	Basin H					73	73					73	73					73						
Basin I					66	Basin I					66	66					66	66					66						
Basin J					53	Basin J					53	53					53	53					53						
Basin K					0	Basin K					0	0					0	0					0						
										1,549										1,549									
Volume														Volume															
Runoff Volume - Existing Conditions							Runoff Volume - Existing Conditions							Runoff Volume - Developed Conditions							Runoff Volume - Developed Conditions								
Basin	A	B	C	D	100 yr V (cu-ft)	Basin	A	B	C	D	100 yr V (cu-ft)	Basin	A	B	C	D	100 yr V (cu-ft)	Basin	A	B	C	D	100 yr V (cu-ft)						
Basin A					417	Basin A					417	417					417	417					417						
Basin B					409	Basin B					409	409					409	409					409						
Basin C					75	Basin C					75	75					75	75					75						
Basin D					38	Basin D					38	38					38	38					38						
Basin E					75	Basin E					75	75					75	75					75						
Basin F					62	Basin F					62	62					62	62					62						
Basin G					73	Basin G					73	73					73	73					73						
Basin H					73	Basin H					73	73					73	73					73						
Basin I					66	Basin I					66	66					66	66					66						
Basin J					53	Basin J					53	53					53	53					53						
Basin K					0	Basin K					0	0					0	0					0						
										1,549										1,549									
Volume														Volume															
Runoff Volume - Existing Conditions							Runoff Volume - Existing Conditions							Runoff Volume - Developed Conditions							Runoff Volume - Developed Conditions								
Basin	A	B	C	D	100 yr V (cu-ft)	Basin	A	B	C	D	100 yr V (cu-ft)	Basin	A	B	C	D	100 yr V (cu-ft)	Basin	A	B	C	D	100 yr V (cu-ft)						
Basin A					417	Basin A					417	417					417	417					417						
Basin B					409	Basin B					409	409					409	409					409						
Basin C					75	Basin C					75	75					75	75					75						
Basin D					38	Basin D					38	38					38	38					38						
Basin E					75	Basin E					75	75					75	75					75						
Basin F					62	Basin F					62	62					62	62					62						
Basin G					73	Basin G					73	73					73	73					73						
Basin H					73	Basin H					73	73					73	73					73						
Basin I																													