CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



Mayor Timothy M. Keller

September 20, 2023

Robert Fierro, P.E. Fierro & Company 6300 Montano Rd. NW Albuquerque, NM 87120

RE: 543 Old Coors Dr. SW Grading and Drainage Plans Engineer's Stamp Date: 09/09/22 Hydrology File: K11D027

Dear Mr. Fierro:

Based upon the information provided in your submittal received 09/11/2023, the Grading & Drainage Plans are approved for Building Permit, Grading Permit and SO-19 Permit. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

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.
- NM 87103
 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

PO Box 1293

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)

Project Title:	Building	Permit #: Hydrology File #:
DRB#:	EPC#:	Work Order#:
Legal Description:		
City Address:		
Applicant:		Contact:
Address:		
Phone#:	Fax#:	E-mail:
Owner:		Contact:
Address:		
Phone#:	Fax#:	E-mail:
TYPE OF SUBMITTAL: PLAT (# OF LOTS)	RESIDENCE DRB SITE ADMIN SITE
IS THIS A RESUBMITTAL?:	Yes	No
DEPARTMENT: TRAFFIC/ TRA	NSPORTATION _	HYDROLOGY/ DRAINAGE
Check all that Apply:		TYDE OF ADDOVAL /ACCEDTANCE SOUCHT.
TYPE OF SUBMITTAL:		BUILDING PERMIT APPROVAL
ENGINEER/ARCHITECT CERTIFIC	CATION	CERTIFICATE 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 PE	RMIT APPLIC	FOUNDATION PERMIT APPROVAL
ELEVATION CERTIFICATE		GRADING PERMIT APPROVAL
CLOMR/LOMR		SO-19 APPROVAL
TRAFFIC CIRCULATION LAYOUT	Г (TCL)	PAVING PERMIT APPROVAL
TRAFFIC IMPACT STUDY (TIS)		GRADING/ PAD CERTIFICATION
OTHER (SPECIFY)		WORK ORDER APPROVAL
PRE-DESIGN MEETING?		CLOMR/LOMR
		FLOODPLAIN DEVELOPMENT PERMIT
		OTHER (SPECIFY)
DATE SUBMITTED	Bv	

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED:

FEE PAID:



5	6	7	3

GENERAL GRADING NOTES:

- 1. THE CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES SHOWN AND COORDINATE WITH ALL UTILITY OWNERS PRIOR TO ANY EXCAVATION.
- 2. THE CONTRACTOR SHALL LIMIT DISTURBANCE OF NATIVE VEGETATION TO A MINIMUM.
- 3. THIS PLAN RECOMMENDS POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES TO PROHIBIT PONDING OF RUNOFF WHICH MAY CAUSE STRUCTURAL SETTLEMENT. FUTURE ALTERATION OF GRADES ADJACENT TO THE PROPOSED STRUCTURES IS NOT RECOMMENDED.
- 4. PERFORM GRADING AND EXCAVATION WORK IN COMPLIANCE WITH APPLICABLE SPECIFICATIONS, REQUIREMENTS, CODES AND ORDINANCES OF CITY OF RIO RANCHO, NEW MEXICO.
- 5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF OR OBTAINING EXCESS CUT OR FILL MATERIAL REQUIRED FOR FINAL GRADE.
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING AND COORDINATING WITH NEW MEXICO ONE CALL PRIOR EXCAVATION.
- 7. CLEAR AND GRUBBING PER NM APWA SECTION 201 SPECIFICATION.
- 8. SPOT ELEVATIONS ARE TO FINISH GRADE UNLESS NOTED OTHERWISE.
- 9. THE CONTRACTOR SHALL CONFINE THEIR WORK TO WITHIN THE CONSTRUCTION LIMITS AND/OR PUBLIC RIGHT-OF-WAY TO PRESERVE EXISTING VEGETATION, LANDSCAPING, AND PRIVATE PROPERTY. APPROVAL OF THESE PLANS DOES NOT GIVE OR IMPLY ANY PERMISSION TO TRESPASS OR WORK ON PRIVATE PROPERTY. PERMISSION MUST BE GRANTED IN WRITING BY THE OWNER OF THAT PROPERTY.
- 10. CONTRACTOR TO CLEAN UP SEDIMENT AND DEBRIS ON THE STREET, WHICH IS CAUSED BY CONSTRUCTION, AT THE END OF EACH WORK DAY. TEMPORARY DIRT RAMPS ARE NOT TO BE LEFT IN STREETS OR NEAR CURB.

<u>SO-19 NOTES:</u>

- 1. BUILD SIDEWALK CULVERT PER C.O.A. STANDARD DWG 2236. WORK IS PERMITTED AND INSPECTED BY DMD CONSTRUCTION SERVICES DIVISION. 2. AN EXCAVATION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. 3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS
- CONCERNING CONSTRUCTION SAFETY AND HEALTH. 4. PRIOR TO ANY EXCAVATION, TO THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL, DIAL "811". OR (505-260-1990) FOR THE LOCATION OF EXISTING
- UTILITIES. 5. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE
- CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. 6. BACKFILL COMPACTION SHALL BE 95%.
- 7. MAINTENANCE OF THE FACILITY SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY BEING SERVED. 8. WORK ON ARTERIAL STREETS MAY BE REQUIRED ON A 24-HOUR BASIS.
- 9. FOR EXCAVATION AND BARRICADING INSPECTIONS, CONTACT DMD CONSTRUCTION SERVICES DIVISION.

City of Albuquerque Planning Department Development Review Services HYDROLOGY SECTION APPROVED 09/20/23 DATE:_____ BY: Renée Brissette HydroTrans # K11D027 HE APPROVAL OF THESE PLANS/REPORT SHALL NOT BE APPROVAL OF GRADING & DRAINAGE PLAN(S) SHALL EXPIRE TWO (2) YEARS AFTER THE APPROAL DATE BY THE CITY IF NO LDING PERMIT HAS BEEN PULLED ON THE DEVELOPMENT

STORMWATER QUALITY VOLUME POND:

/1 VOL.=226 CU.FT., TOP ELEV.=5014.25, BTM. ELEV.=5013.75, WSEL=5013.25, 3H:1V SLOPE 2 VOL.=211 CU.FT., TOP ELEV.=5015.5, BTM. ELEV.=5014.5, WSEL=5015.5, 3H:1V SLOPE (3) VOL.=211 CU.FT., TOP ELEV.=5015.75, BTM. ELEV.=5014.75, WSEL=5015.75, 3H:1V SLOPE (4) VOL.=211 CU.FT., TOP ELEV.=5016.25, BTM. ELEV.=5015.25, WSEL=5016.25, 3H:1V SLOPE <u>/5</u> VOL.=481 CU.FT., TOP ELEV.=5017.75, BTM. ELEV.=5016.75, WSEL=5017.75, 3H:1V SLOPE 6 VOL.=58 CU.FT., TOP ELEV.=5017.5, BTM. ELEV.=5017.00, WSEL=5017.5, 3H:1V SLOPE ∠7 VOL.=210 CU.FT., TOP ELEV.=5016.5, BTM. ELEV.=5016.00, WSEL=5016.5, 3H:1V SLOPE <u>/8</u> VOL.=545 CU.FT., TOP ELEV.=5016.5, BTM. ELEV.=5015.5, WSEL=5016.5, 3H:1V SLOPE

6

EST. UNADJUSTED EARTHWORK VOLUMES
(EXCLUDING SUB EXCAVATIONS)
CUT = 895 C.Y.
FILL = 1,308 C.Y.





EXISTING CONDITION								
Tota A	Tota Area	a Total Area	Land Treatement (%)				Q100	V100yr-6hr
DASIN	(sq.ft.)	(acres)	А	В	С	D	(cfs)	(ac-ft)
101	43179	0.9913	0.0	20.0	0.0	80.0	3.7	0.160
102	49195	1.1294	0.0	12.0	0.0	88.0	4.4	0.194
103	24972	0.5733	0.0	5.0	0.0	95.0	2.3	0.103
104	62388	1,4322	0.0	6.0	0.0	94.0	5.7	0.257

PROPOSED CONDITION								
BASIN Tota Area (sq.ft.)	Total Area	Land Treatment (%)				Q100	V100yr-24hr	
	(sq.ft.)	(sq.ft.) (acres)	Α	В	С	D	(cfs)	(ac-ft)
201	37711	0.8657	0.0	18.0	8.0	74.0	4.7	0.231
202	54663	1.2549	0.0	15.0	5.0	80.0	3.2	0.152

