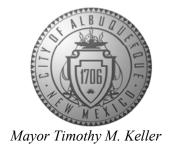
CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Interim Director



June 23, 2022

Scott McGee, PE Scott M. McGee PE, LLC 9700 Tanoan Dr. NE Albuquerque, NM 87111

RE: Lot 22 Block 6 Volcano Cliffs Unit 22 SAD 227 8009 Camino Alto Grading and Drainage Plan Engineers Stamp Date 6/7/2022 (E10D077) Pad Certification Date None

Mr. McGee,

Based upon the information provided in your submittal received 12/30/19, this plan cannot be approved for Building Permit until the following comments are addressed.

PO Box 1293

- Provide a table with land treatments, those that are allowed and those which are applied to this plan. This is in SAD 227; these land treatments should be followed.
- Inform Owner/Contractor not to use dirt as a ramp to climb curbing or drive over the sidewalk. Only crusher fines or lumber may be used for this process.

Albuquerque

NM 87103

- Provide ponds in the front yard for filtration of water before water exits onto public right of way.
- Provide the SFHA map for this area.
- Provide the Pad Certification language.
- Provide the Fad Certification language.
 Provide a note that the swales are to be filled with gravel of some sort.

Prior to building permit release, a pad certification is required.

www.cabq.gov

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist of this plan will be required.

If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977

Sincerely,

Ernest Armijo, P.E.

Principal Engineer, Planning Dept. Development Review Services



City of Albuquerque

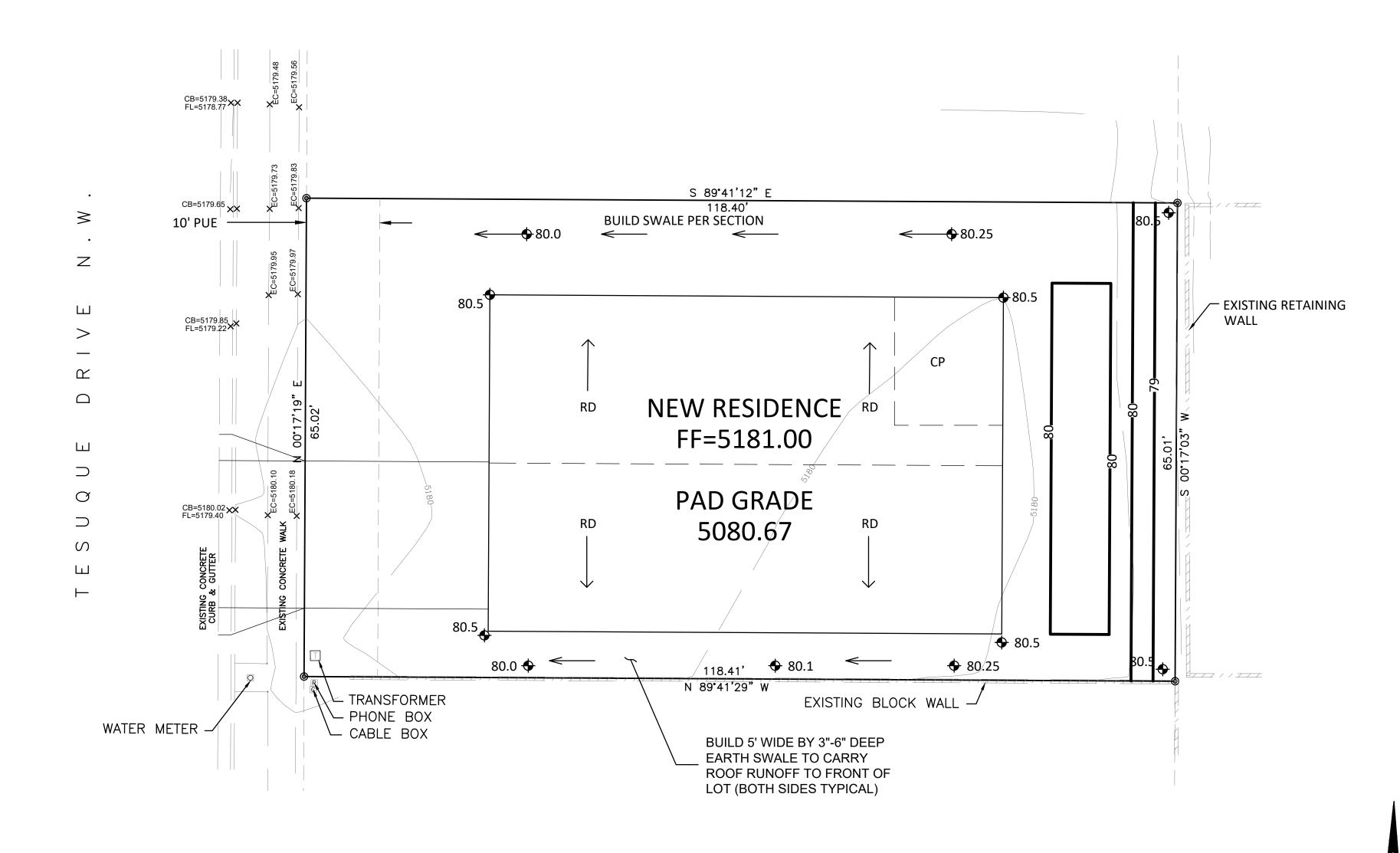
Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 10/2018)

Project Title:	Building	Permit #:	Hydrology File #:	
DRB#:	EPC#:		Work Order#:	
Legal Description:				
City Address:				
Applicant:			Contact	
Address:Phone#:				
Other Contact:				
Address:				_
		E-mail:		
TYPE OF DEVELOPMENT:	PLAT (# of lots)	RESIDENCE _	DRB SITE	ADMIN SITE
IS THIS A RESUBMITTAL? Y				
DEPARTMENT: TRAFFIC/TRANSPORTATION		HYDROLOGY/DRAINAGE		
Check all that Apply:		TYPE OF APPROVAL/ACCEPTANCE SOUGHT:		
TYPE OF SUBMITTAL: ENGINEER/ARCHITECT CERTIFICATION PAD CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT FLOODPLAIN DEVELOPMENT PERMIT APPLIC ELEVATION CERTIFICATE CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL) TRAFFIC IMPACT STUDY (TIS) OTHER (SPECIFY) PRE-DESIGN MEETING?		BUILDING PERMIT APPROVAL CERTIFICATE OF OCCUPANCY PRELIMINARY PLAT APPROVAL SITE PLAN FOR SUB'D APPROVAL SITE PLAN FOR BLDG. PERMIT APPROVA FINAL PLAT APPROVAL SIA/ RELEASE OF FINANCIAL GUARANTE 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:	By:			

FEE PAID:___



DEPTH GRAVEL SURFACING

GRADING AND DRAINAGE PLAN

EXISTING BLOCK WALL

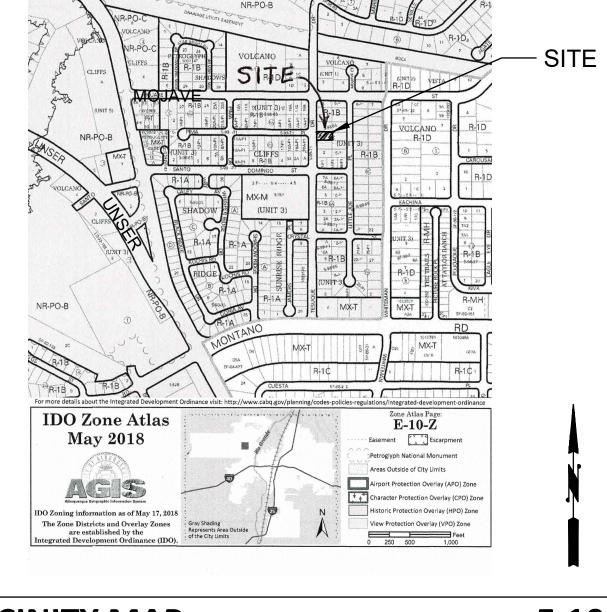
NOTE:
SOUTH

NORTH

NOR

SIDEYARD SWALES

SOUTT M. MCGER NEN MEXICO 10519 PROFESSION



VICINITY MAP

E-10

LEGEND

EXISTING CONTOURNEW CONTOUR

FF=5181.00 PROPOSED BUILDING FINISH FLOOR ELEV

+36.5 NEW SPOT ELEVATION

NEW CONSTRUCTION

ROOF DRAIN

TC TOP OF CURB
CP COVERED PORCH

DRAINAGE ANALYSIS

LEGAL: Lot 4, Block 8B Volcano Cliffs Subdivision Unit 3, Albuquerque, NM ADDRESS: 6316 Tesuque Drive NW AREA: 0.1767 acres (7,697 sf)

FLOOD HAZARD: From FEMA Panel 35001C0112G (9/26/08), this site is shown as being within Zone 'X' an area of minimal flood hazard which is located outside the 0.2% annual chance floodplain

EXISTING CONDITIONS: The undeveloped site is a relatively flat residential lot bounded by existing houses to the south and east and a vacant lot to the north. Tesuque Drive is a paved public street running along the west side of the site.

OFFSITE FLOW: No offsite flows enter the site.

PROPOSED IMPROVEMENTS: The proposed improvements include a residence and associated landscaping. A concrete drive is proposed between the street and the building. Developed roof runoff will be directed to the west with roof drains located as shown on the building.

DRAINAGE APPROACH: The proposed drainage plan will direct flow to the west to discharge to the street. Runoff will be carried overland on surface swales created in the landscaping.

DRAINAGE CALCULATIONS: Based on hydrologic Zone 1
Existing land treatment: 100% compacted dirt land treatment 'C'
Q100= (0.177)(2.87) = 0.5 CFS

Proposed land treatment: 7% turf, 45% xeric and 48% impervious Q = [(0.07)(2.03)+(0.45)(2.87)+(.48)(4.37)](0.177) = 0.6 CFS

With the proposed development, this minor runoff is accounted for and the impact to downstream drainage facilities has already been addressed.

Scott M McGee PE

9700 Tanoan Dr NE Albuquerque, NM 87111 505.263.2905 scottmmcgee@gmail.com APRIL, 2019

C-1