

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director



Mayor Timothy M. Keller

May 12, 2020

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

**RE: Isburg Residence
6316 Tesuque Dr. NW
Grading and Drainage Plan
Engineers Stamp Date 4/29/2020 (E10D077)**

Dear Mr. McGee,

Based upon the information provided in your submittal received 4/27/2020, this plan cannot be approved for Grading Permit until the following comments are addressed:

PO Box 1293

- Grade the entire rear yard elevation to 80.5.
- Provide profiles for the swales, showing gravel as the base.

Albuquerque

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

Sincerely,

NM 87103

www.cabq.gov

Ernest Armijo, P.E.
Principal Engineer, Planning Dept.
Development Review Services

RR/EA
C: File



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: ISBURG RESIDENCE Building Permit #: _____ Hydrology File #: E-10

DRB#: _____ EPC#: _____ Work Order#: _____

Legal Description: LOT 4 BLOCK 8B VOLCANO CLIFFS UNIT 3

City Address: 6316 TESUQUE DR NW

Applicant: SCOTT MCGEE Contact: scott.mcgee@gmail.com

Address: 9700 TANDAN DR NE

Phone#: 263-2905 Fax#: _____ E-mail: _____

Other Contact: EMERY ISBURG Contact: _____

Address: 6709 KEELING ST NW

Phone#: _____ 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 APPLIC
- ☐ 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) _____

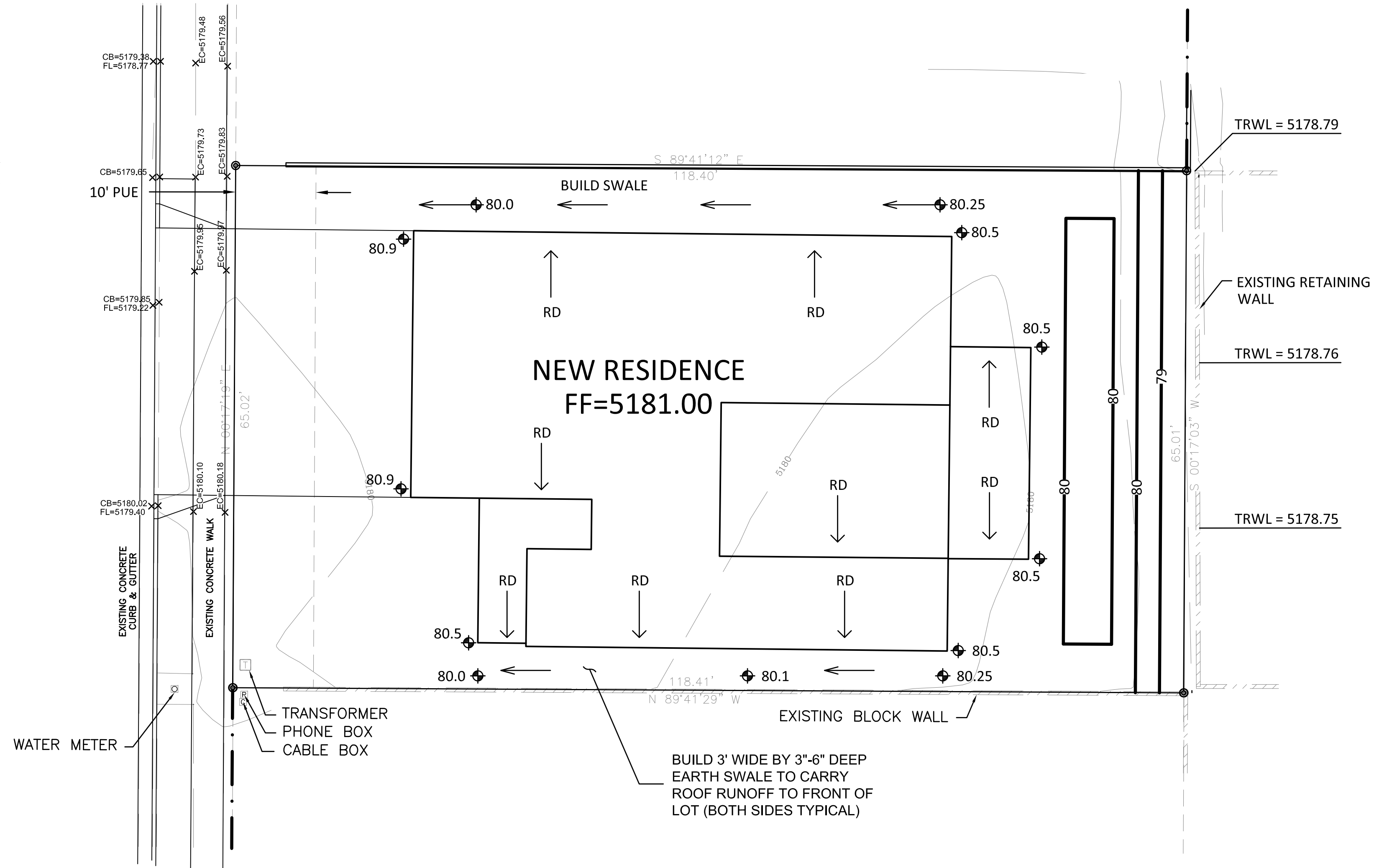
DATE SUBMITTED: 4-27-20 By: Scott McGee

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

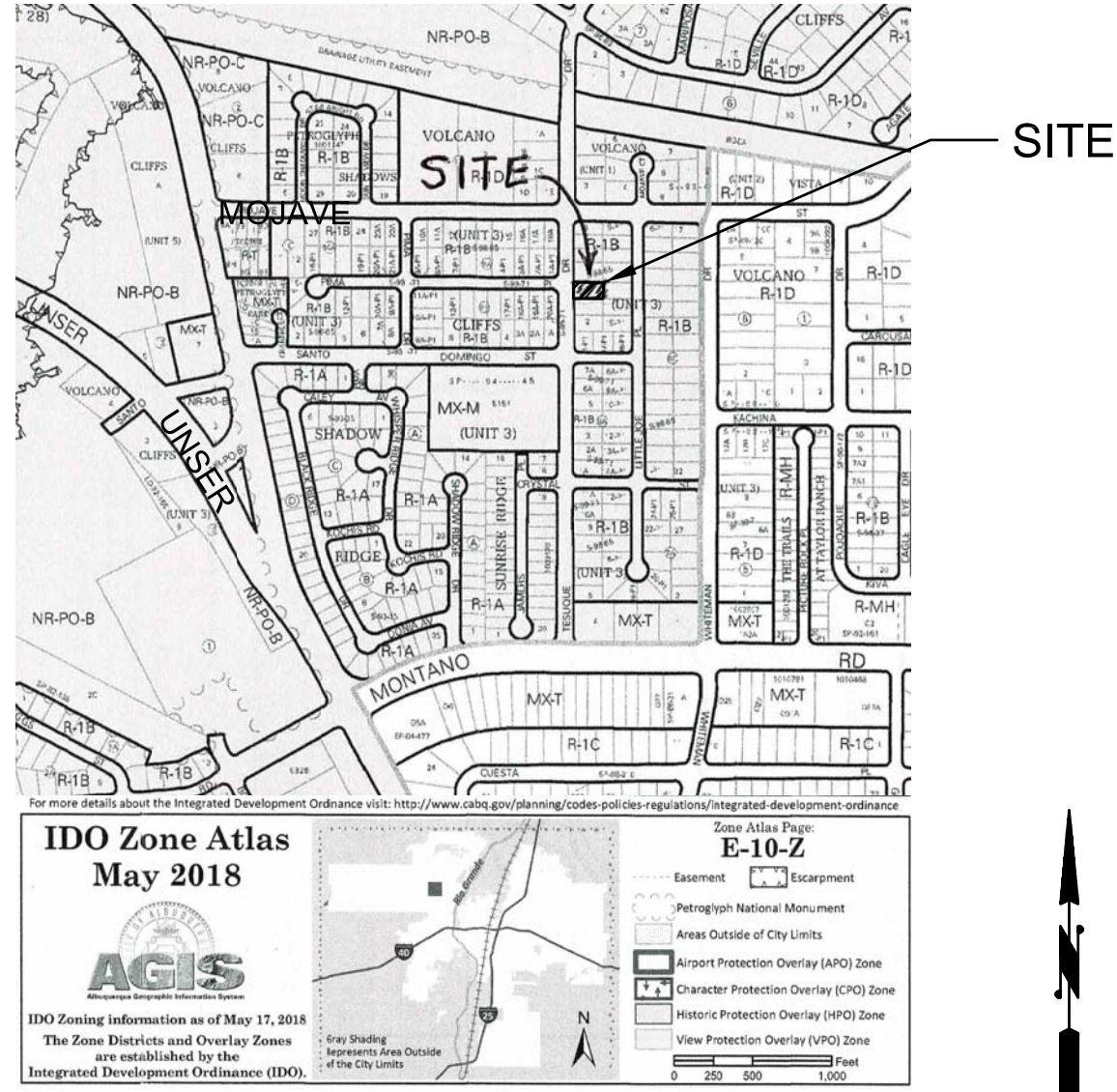
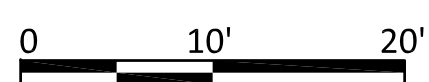
FEE PAID: _____

T E S U Q U E D R I V E N . W .



GRADING AND DRAINAGE PLAN

1" = 10'



VICINITY MAP

E-10

LEGEND

- EXISTING CONTOUR
- NEW CONTOUR
- FF=5181.00 PROPOSED BUILDING FINISH FLOOR ELEV
- NEW SPOT ELEVATION
- NEW CONSTRUCTION
- RD ROOF DRAIN
- TC TOP OF CURB

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 proposed landscaping.

DRAINAGE CALCULATIONS: Based on hydrologic Zone 1
Existing land treatment: 100% compacted dirt land treatment 'C'
 $Q_{100} = (0.1767)(2.87) = 0.5 \text{ CFS}$

Proposed land treatment: 10% turf, 45% xeric and 45% impervious
 $Q = [(0.1)(1.29) + (0.45)(2.87) + (.45)(4.37)](0.1767) = 0.6 \text{ CFS}$

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

A RESIDENCE FOR EMERY ISBURG
6316 TESUQUE DR. NW, ALBUQUERQUE, NEW MEXICO

APRIL, 2019

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