

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Interim Director



Mayor Timothy M. Keller

July 19, 2022

Scott McGee, P.E.
SMM PE LLC
790 Tramway Lane NE #10C
Albuquerque, NM 87122

**RE: 6316 Tesuque Dr NW
6316 Tesuque Dr. NW
Grading and Drainage Plan
Engineer's Stamp Date: 06/24/2022
Hydrology File: E10D077**

Dear Mr. McGee:

Based upon the information provided in your submittal received 06/27/2022, the Grading and Drainage Plans are approved for grading and building 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 approval in support of Permanent Release of Occupancy by Hydrology, Engineer Certification per the DPM checklist will be required.

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 924-3695 or dggutierrez@cabq.gov.

Sincerely,

David G. Gutierrez, P.E.
Senior Engineer, Hydrology
Planning Department

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov



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#: _____ **Fax#:** _____ **E-mail:** _____

Other Contact: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

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

IS THIS A RESUBMITTAL? _____ Yes _____ No

DEPARTMENT: _____ TRAFFIC/TRANSPORTATION _____ HYDROLOGY/DRAINAGE

Check all that Apply:

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?

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) _____

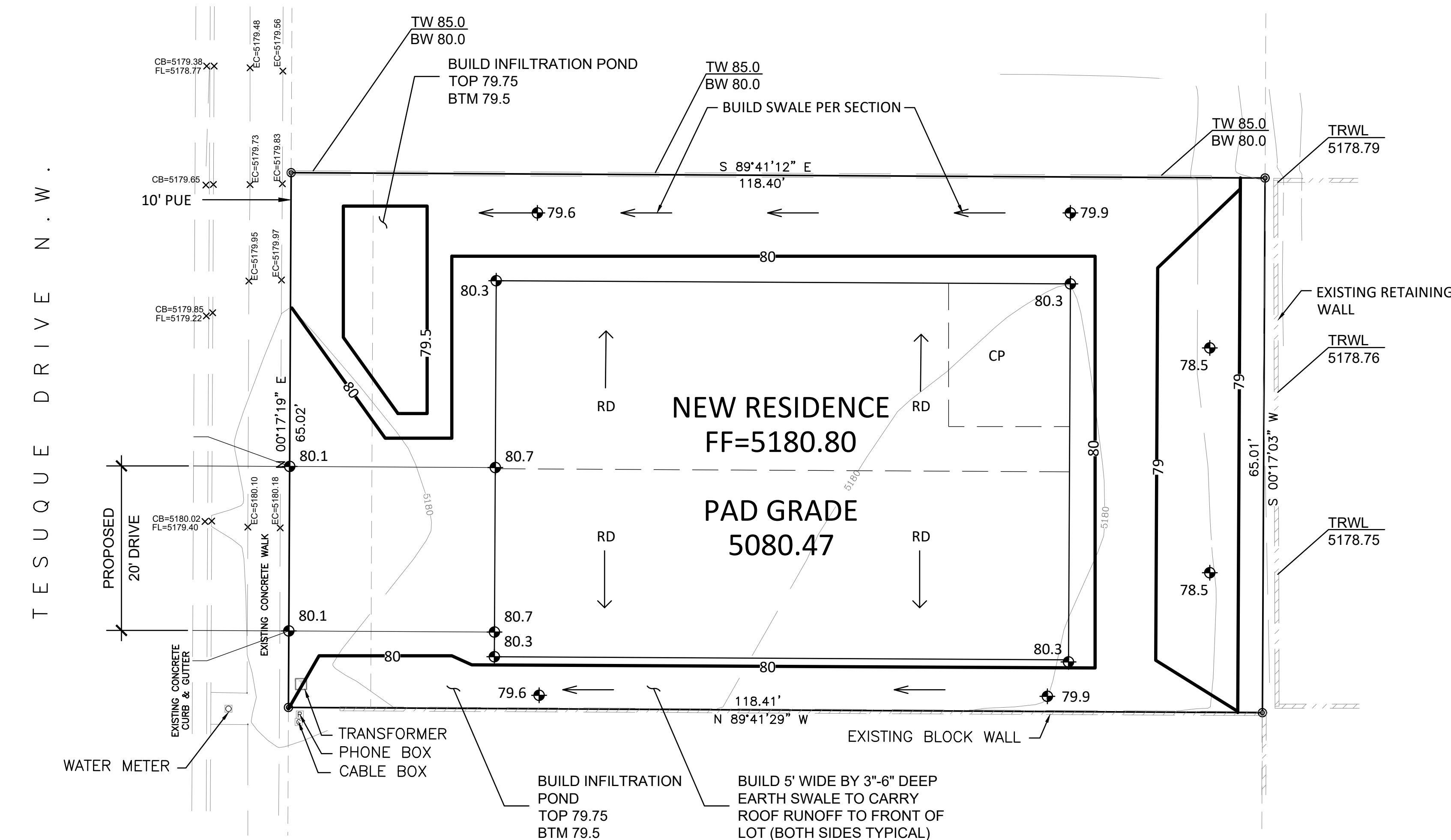
DATE SUBMITTED: _____ **By:** _____

COA STAFF:

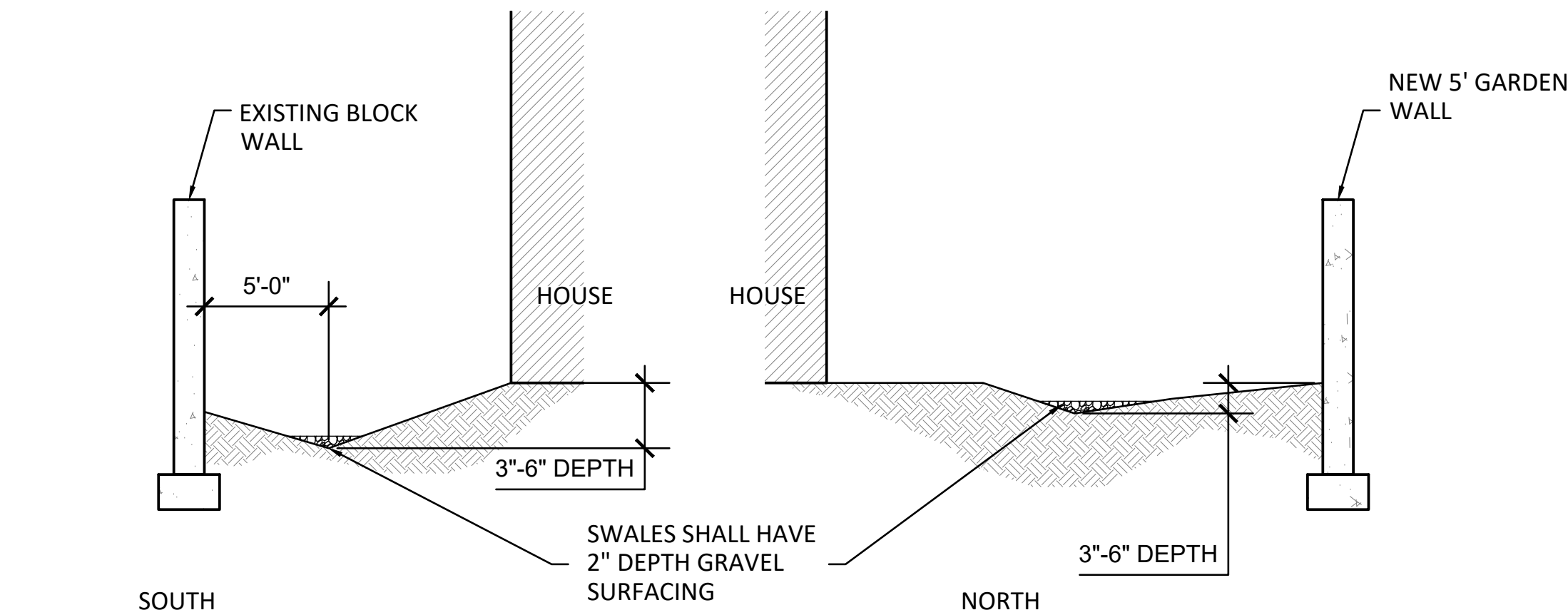
ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____

TESUQUE DRIVE N.W.

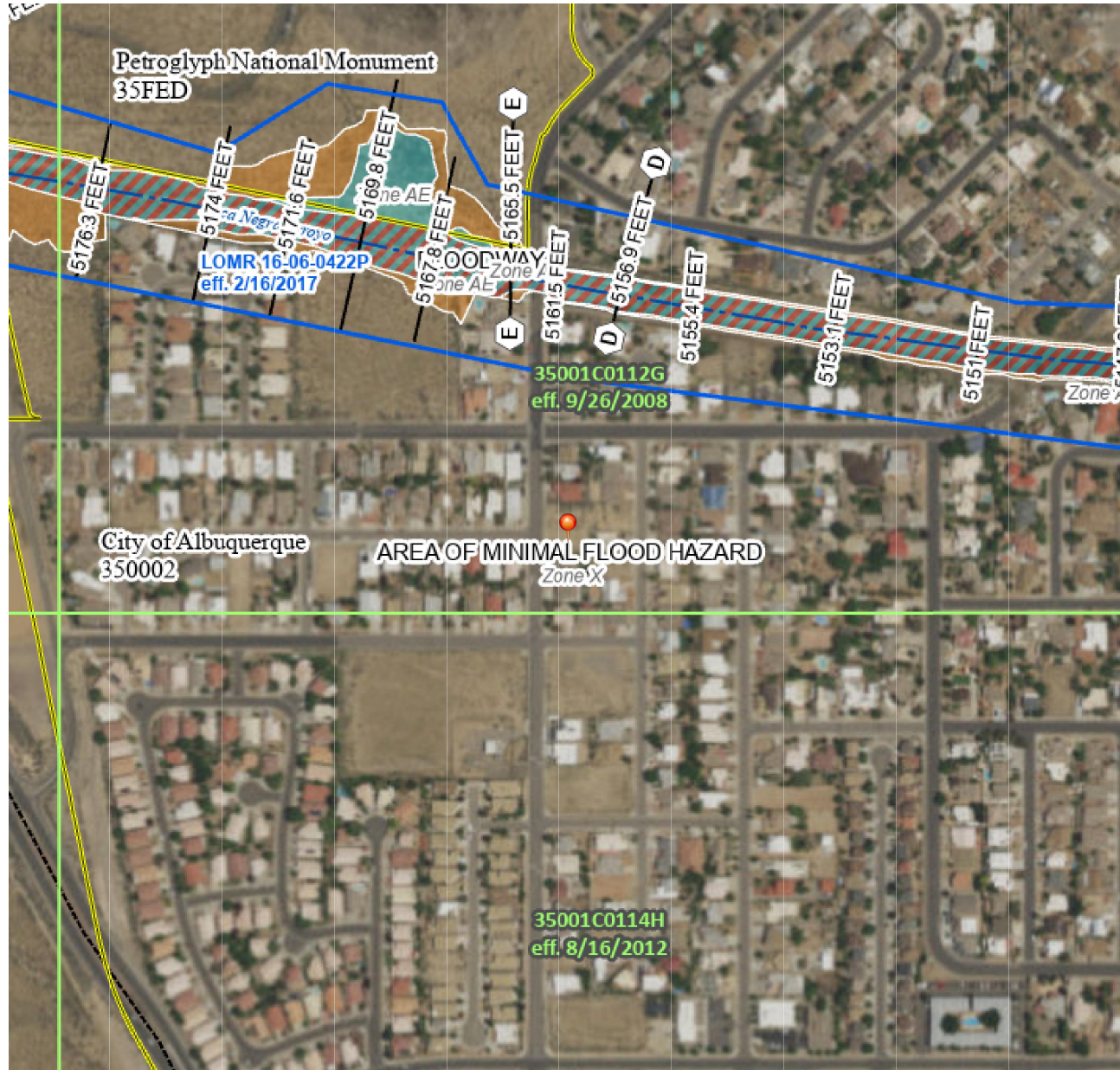


GRADING AND DRAINAGE PLAN



SIDEYARD SWALES

N.T.S.



FEMA MAP



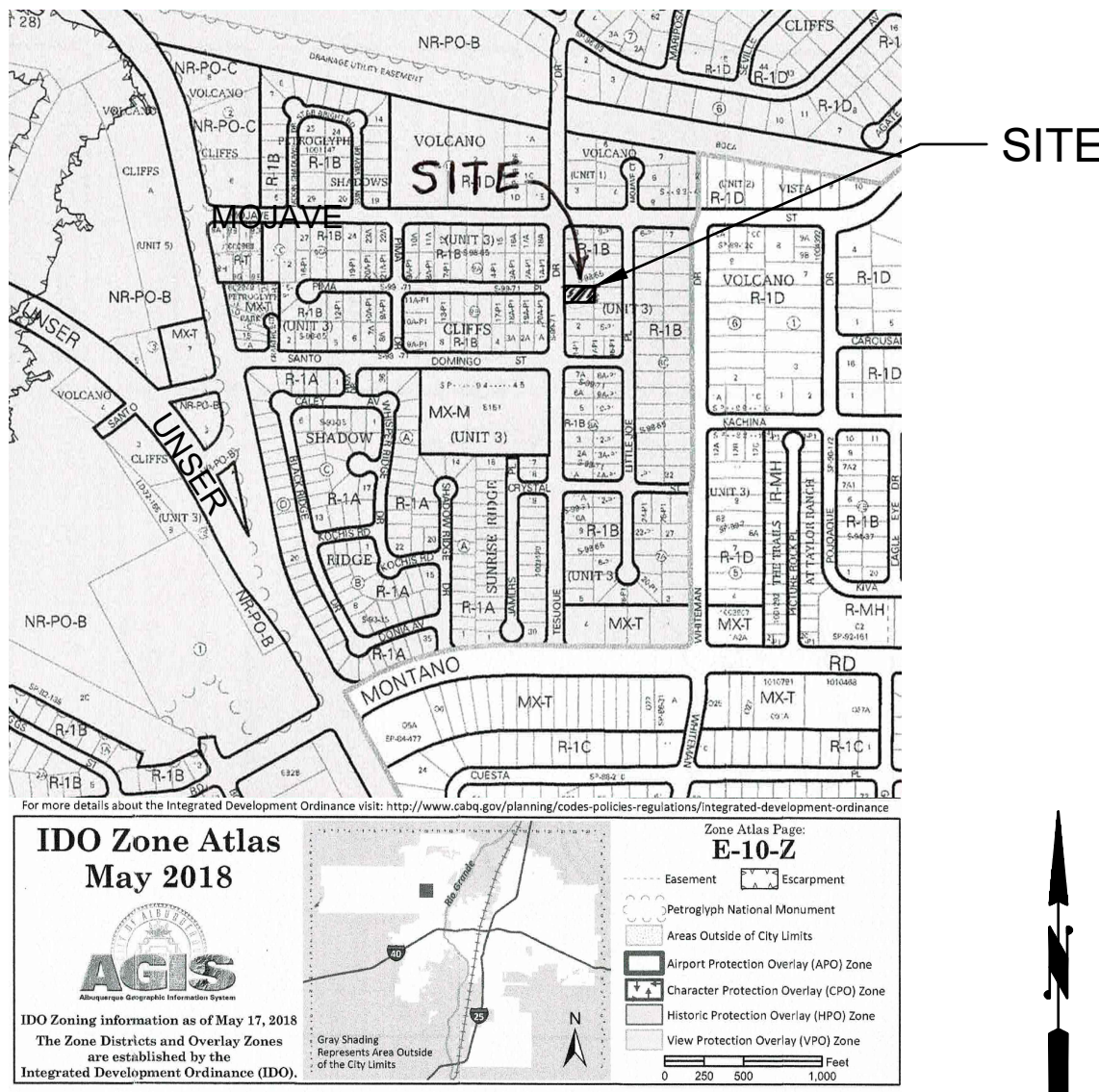
NOTES

- DIRT SHALL NOT BE USED TO 'RAMP' OVER CURB OR TO DRIVE OVER PUBLIC SIDEWALK. ONLY CRUSHER FINES OR LUMBER MAY BE USED.
- SWALES SHALL BE COVERED WITH GRAVEL SURFACING PER SECTIONS.

PAD CERTIFICATION

I, SCOTT M MCGEE, NMPE 10519, OF THE FIRM SCOTT M MCGEE PE, LLC, HEREBY CERTIFY THAT THE BUILDING PAD HAS BEEN GRADED IN SUBSTANTIAL COMPLIANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 6/24/22. THIS INFORMATION WAS OBTAINED BY ANTHONY L. HARRIS, NMPS 11463, OF HARRIS SURVEYING. I ALSO CERTIFY THAT I PERSONALLY VISITED THE PROJECT SITE ON [] 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 A []

SCOTT M MCGEE, NMPE 10519



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
- 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.

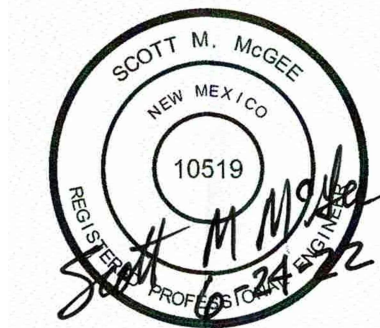
PROPOSED IMPROVEMENTS: The proposed improvements include a residence and associated landscaping. A concrete drive is proposed between the street and the building. Developed roof runoff will be directed to the west with sideyard swales located along the north and south sides of the building.

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 xeric landscaping.

DRAINAGE CALCULATIONS: Based on hydrologic Zone 1
Q_{allow} (from SAD 227) based on 10% B, 40% C, and 50% D land treatment
Q_{allow} = [(0.1)(2.03)+(0.4)(2.87)+(0.5)(4.37)](0.177) = 0.62 CFS

Proposed land treatment: 52% 'C' (4002 SF) and 48% 'D' (3695 SF)
Q = [(0.52)(2.87)+(0.48)(4.37)](0.177) = 0.64 CFS

With the proposed depressed front yard filtration areas, this minor increase in runoff is mitigated and will not impact downstream drainage facilities. This grading plan conforms to the master drainage plan.



Scott M McGee PE

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



PROPOSED RESIDENCE
6316 TESUQUE DR. NW, ALBUQUERQUE, NEW MEXICO

APRIL, 2019

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