CITY OF ALBUQUERQUE

Planning Department Brennon Williams, Director



December 11, 2020

Phillip W. Clark, PE Clark Consulting Engineers 19 Ryan Rd Edgewood, NM 87015

RE: Thurgood Subdivision
Grading & Drainage Plan
Engineer's Stamp Date: 08/16/20

Hydrology File: F14D078

Dear Mr. Clark:

PO Box 1293

Based upon the information provided in your submittal received 12/01/2020, the Grading and Drainage Plan **is not** approved for Grading Permit and for action by the DRB for Preliminary Plat. The following comments need to be addressed for approval of the above referenced project:

Albuquerque

1. Please remove the reference to being compliance with the "Bernalillo County Flood Hazard Ordinance, 2009". Please replace this with "City of Albuquerque Development Process Manual (DPM) (signed 06/08/20) Chapter 6 - Drainage, Flood Control, and Erosion Control".

NM 87103

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THE 4-LOT R-1 PROJECT IS LOCATED IN LOS GRIEGOS SECTION OF ALBUQUERQUE'S NORTH VALLEY APPROXIMATELY 3 MILES NORTH OF THE DOWNTOWN CORE OF ALBUQUERQUE, NM. THE GRADING & DRAINAGE SCHEME HEREON IS IN COMPLIANCE WITH THE BERN-ALILLO COUNTY FLOOD HAZARD ORDINANCE, 2009, AND THE CITY STORM DRAINAGE ORDINANCE. THE PLAN IS REQUIRED IN ORDER TO FACILITATE THE OWNER'S REQUEST FOR BUILDING PERMIT. THE PLAN SHOWS:

- 2. Since this site is in the Valley region, please follow Article 6-5 Valley Drainage Criteria of the DPM. Please refer to the update wording in the DPM. Also, please insure that the following conditions are be applied to the site some of these were not noted especially the location of each lots retention pond:
 - The maximum percent impervious of the lot and the contributing area may not be greater than 45%.
 - Pad elevation shall be a minimum of one (1) foot above the 100-year 10-day stormwater surface elevation.
 - The flow between the front yard and back yard cannot be obstructed. The stormwater must be allowed to equalize to the same level between the front yard and back yard.

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Mayor Timothy M. Keller

- A permanent perimeter wall or barrier around the development is required to contain the 100-year 24-hour storm developed runoff.
- The high point of the street should be four inches above the 100 year 10-day stormwater surface elevation.
- Please show the required retention pond on each Lot along with the provided volume.

HISTORICAL SITE RUNOFF OUTFALL LOCATIONS WILL REMAIN UNCHANGED. SINCE GRANDE DRIVE IS IMPROVED ONLY MINIMAL GRADING (ACCESS RECONSTR~N) IS PROPOSED WITHIN THE CITY R.O.W. FREE DISCHARGE OF DEVELOPED FLOW IS ACCEPTABLE, HOWEVER THE SITE IS FLAT THEREFORE A FLAT NW VALLEY GRADING SCHEME IS EMPLOYED. THIS PLAN ROUTES DEVELOPED RUNOFF THROUGH/TO THE PROPOSED LANDSCAPE AREAS.

3. Please refer to the new DPM and please use the procedure for 40 acre and smaller basins as outlined in Development Process Manual (DPM) (signed 06/08/20) Article 6-2(a). All of your calculations need to be revised per these updated procedures.

DESIGN CRITERIA

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HYDROLOGIC METHODS PER SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL (DPM) REVISED JANUARY 1993 FOR CITY OF ALBUQUERQUE ADOPTED BY THE COUNTY OF BERNALILLO DISCHARGE RATE: $Q=QPEAK \times AREA$. "Peak Discharge Rates For Small Watersheds" VOLUMETRIC DISCHARGE: VOLUME = EWeighted $\times AREA$ P100 = 2.35 Inches, Zone 2 Time of Concentration, TC = 10 Minutes DESIGN STORM: 100-YEAR/6-HOUR, 10-YEAR/6-HOUR [] = 10 YEAR VALUES

- 4. 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.
- 5. Standard review fee of \$175 (for DRB Site) will be required at the time of resubmittal.

If you have any questions, please contact me at 924-3995 or <u>rbrissette@cabq.gov</u>.

Sincerely,

Renée C. Brissette, P.E. CFM Senior Engineer, Hydrology Planning Department

Renée C. Brissette



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: Thurgood Subd. Building Permit #:	mit #: Hvdrology File #: F14
003051	
Legal Description: Lot 4 & 5, Freeman Addn	
City Address: 4635-4639 Grande Drvie NW	
Applicant: CLARK CONSULTING ENGINEERS	Contact: PHIL
Phone#: 281-2444 本弦游 cell / txt	txt 264.6042 E-mail: CCEalbq@aol.com
Other Contact:	Contact:
Address:	
Phone#:Fax#:	E-mail:
TYPE OF DEVELOPMENT: PLAT RESI	RESIDENCE X_DRB SITEADMIN SITE
Check all that Apply:	
DEPARTMENT: X HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION	TYPE OF APPROVAL/ACCEPTANCE SOUGHT: X BUILDING PERMIT APPROVAL CERTIFICATE OF OCCUPANCY
TYPE OF SUBMITTAL:	
ENGINEER/ARCHITECT CERTIFICATION	X PRELIMINARY PLAT APPROVAL
PAD CERTIFICATION CONCEPTUAL G & D PLAN	SITE PLAN FOR SUB'D APPROVAL SITE PLAN FOR BLDG. PERMIT APPROVAL
X GRADING PLAN	FINAL PLAT APPROVAL
X DRAINAGE MEPORT	SIA/ BET EASE OF EINANCIAL CHABANTEE
FLOODPLAIN DEVELOPMENT PERMIT APPLIC	X FOUNDATION PERMIT APPROVAL
ELEVATION CERTIFICATE	X GRADING PERMIT APPROVAL
CLOMR/LOMR	SO-19 APPROVAL
TRAFFIC CIRCULATION LAYOUT (TCL)	PAVING PERMIT APPROVAL
TRAFFIC IMPACT STUDY (TIS)	GRADING/PAD CERTIFICATION
STREET LIGHT LAYOUT OTHER (SPECIEV)	WORK ORDER APPROVAL
PRE-DESIGN MEETING?	FLOODPLAIN DEVELOPMENT PERMIT
IS THIS A RESUBMITTAL?: Yes X No	OTHER (SPECIFY)
DATE SUBMITTED: 11/13/20 Bv. Cla	Clark Consulting Engrs

ELECTRONIC SUBMITTAL RECEIVED:

COA STAFF:

FEE PAID:

