

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Interim Director



Mayor Timothy M. Keller

December 23, 2021

David B. Thompson, P.E.
Thompson Engineering Consultants Inc.
P.O. Box 65760
Albuquerque, NM 87193

**RE: 615 Iron Ave SW
615 Iron Ave SW
Grading and Drainage Plan
Engineer's Stamp Date: 11/8/2021
Hydrology File: K14D225**

Dear Mr. Thompson:

PO Box 1293

Based upon the information provided in your submittal received 11/10/2021, the Grading & Drainage Plan **is not** approved for Building Permit, or Grading Permit. The following comments need to be addressed for approval of the above referenced project:

Albuquerque

SHEET C-1

NM 87103

1. Show adjacent lots and street/alley grades to show how grades tie in and show how the site will not drain into adjacent sites.
2. Provide a drainage covenant for all ponds.
3. Please include
4. Basin A
 - a. Please provide survey of the alley and show how this will tie into the alley with the proposed grades.
 - b. There is no curb, please show how this will discharge into the alley.
 - i. Curb cut shown is not applicable.
 - c. Please provide a detail of the proposed pond and elevations of how it will drain north into the alley. Provide spot elevations at the north and south of pond to show this drainage. Show the water quality level to be retained.
 - d. What is preventing stormwater to drain toward the building here?

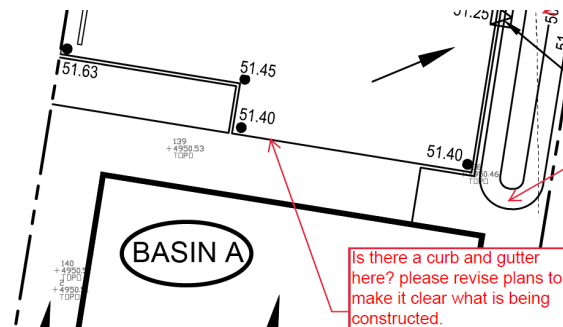
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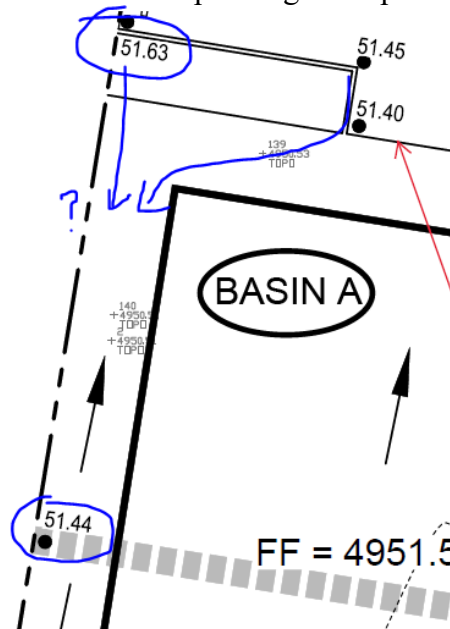
5. Basin B
 - a. Please provide Water Quality Volume for this basin as well.
 - b. For the outlet please show how this will be provided. See standard detail 2235.
 - c. You can move the parking spots east a few feet to fit a pond in this landscape area and adjust grades to allow drainage to enter into the pond.
 - d. The driveway will need to be adjusted and perhaps maintain the current drive.
 - i. There is a meter box in the middle of the proposed drive which will not be acceptable. Please check with the Water Authority for their comment.
 - e. The sidewalk is in poor condition and will need replacement and the driveway will need to be paved. Check with Transportation for their requirements.
6. Please review and ensure no ponding takes place and drainage is away from the building.

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7. Please utilize current terminology. First Flush is no longer utilized. Water Quality Volume is appropriate and in agreement with the current DPM

BUILDING. RUNOFF FROM THIS BASIN WILL DRAIN TO IRON AVENUE THROUGH THE NEW DRI PARKING AREA. THE RUNOFF DURING DEVELOPED CONDITIONS FROM BASIN B TO THE IRON

BASIN A FIRST FLUSH VOLUME = $(0.42\text{IN}/12\text{IN}/\text{FT}) \times ((0.0815 \times 0.82)) \times 43,560\text{SF}/\text{AC}) = 102 \text{ CF.}$

BASIN B FIRST FLUSH VOLUME = $(0.42\text{IN}/12\text{IN}/\text{FT}) \times ((0.0815 \times 0.953)) \times 43,560\text{SF}/\text{AC}) = 118 \text{ CF.}$

Please utilize new terminology. "Water Quality Volume"

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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 924-3965 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 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/ 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:

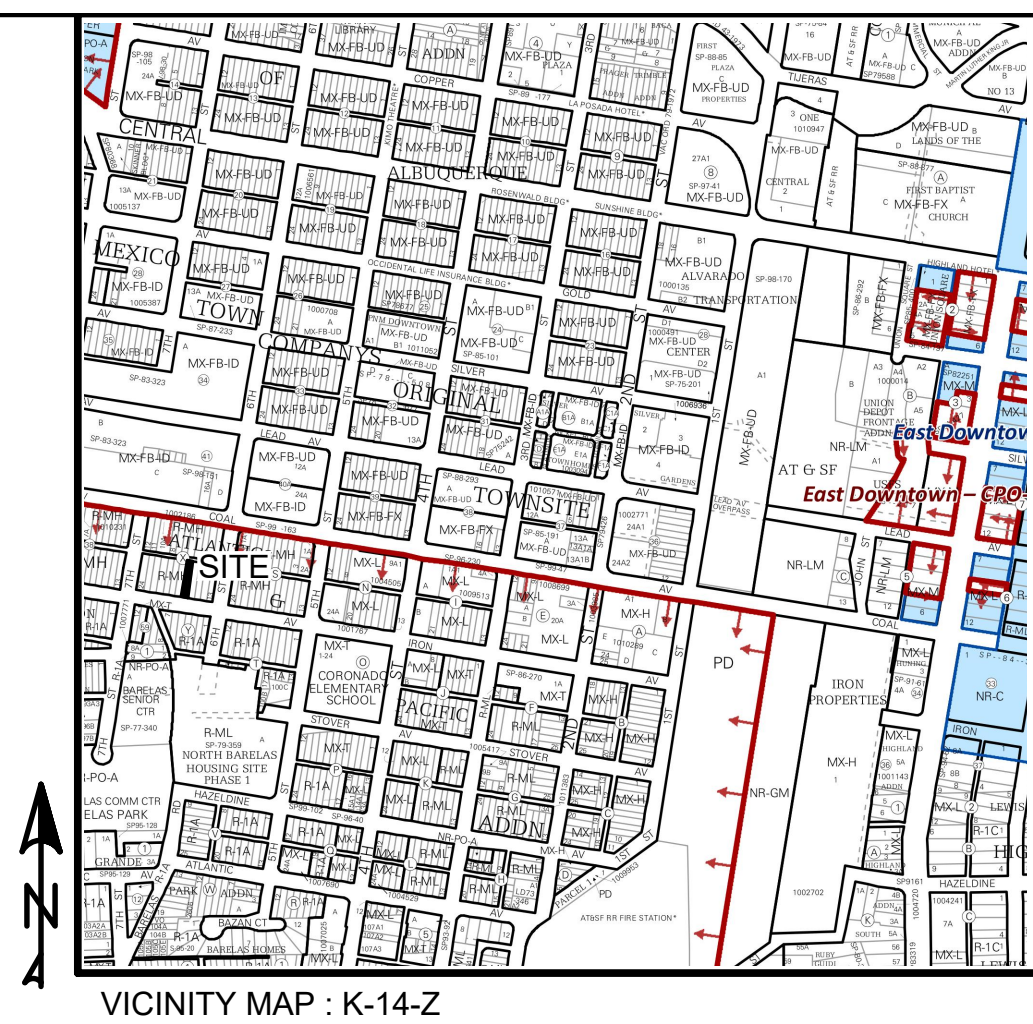
- _____ BUILDING PERMIT APPROVAL
- _____ CERTIFICATE OF OCCUPANCY
- _____ PRELIMINARY PLAT APPROVAL
- _____ SITE PLAN FOR SUB'D APPROVAL
- _____ SITE PLAN FOR BLDG. PERMIT APPROVAL
- _____ FINAL PLAT APPROVAL
- _____ SIA/ RELEASE OF FINANCIAL GUARANTEE
- _____ FOUNDATION PERMIT APPROVAL
- _____ GRADING 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: _____



ZONE = 2
 P_{6-HR} (in.) = 2.29
 P_{24-HR} (in.) = 2.59
 P_{100DAY} (in.) = 3.62

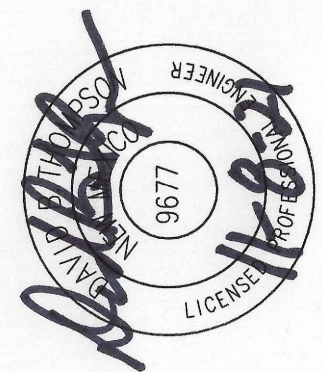


Thompson
**Engineering
Consultants, Inc.**

tcw@yahooc.com

P.O. BOX 65760
ALBUQUERQUE, NM 87193

PHONE: (505) 271-2199
FAX: (505) 650-9246

[illegible]

LOT 16-A, BLOCK X,
ATLANTIC AND PACIFIC ADDITION
ALBUQUERQUE, BERNALILLO COUNTY, NM
615 IRON AVE. SW

GRADING AND DRAINAGE PLAN

CITY/COUNTY REVIEW		
DEPARTMENT	SIGN-OFF	DATE
WASTEWATER MGMT. DIV.		
WATER SERVICES		
SUBDIVISION ENG.		
STREETS		
TRAFFIC		
FOR CITY/COUNTY USE ONLY		

SHEET No.

C-1