



Richard J. Berry, Mayor

October 26, 2017

Mark Goodwin, P.E.
Mark Goodwin & Associates
PO Box 90606
Albuquerque, NM, 87199

**RE: Bosque Plaza – Guardian Storage
Conceptual Grading and Drainage Plan
Stamp Date: 10/20/17
Hydrology File: E12D006E**

Dear Mr. Goodwin:

Based upon the information provided in your submittal received 10/20/2017, the Conceptual Grading and Drainage Plan **is not** approved for Site Plan for Building Permit. The following comments need to be addressed for approval of the above referenced project:

1. See attached aerial with contours from the City's GIS. It appears that the off-site area draining into the existing sidewalk culverts on La Orilla picks up some drainage from Coors as well. Please review and correct drainage area for Basin ID 101.
2. Please show all the Sub-basins within Basin ID 100. A portion of Basin ID 100 drains into the proposed cattle guard inlet.
3. It appears that the cattle guard inlet is about 1.5 feet difference from the west end to the east end. Please provide inlet calculations for this inlet because it appears that half of the inlet will not get any drainage into it. It appears that maybe a Double Type A at the east side of the drive will be better at capturing the runoff from the off-site Basin ID 101. Also if you use this option, please provide the calculations for the inlet.
4. Please label the storm pipe as Public.
5. The public storm sewer pipe and inlet should be included in an Infrastructure List with a recorded SIA. There also needs to be an Agreement and Covenant for the public storm sewer and detention pond. This A&C will need to be recorded prior to Certificate of Occupancy.

CITY OF ALBUQUERQUE



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6. Please provide calculation for the storm pipe along with the EGL & HGL. It appears that it should be at least 18 inches instead of 12 inches. Also is there a reason that it is C-900 PVC instead of either RCP or HDPE?
7. Please provide the weir calculations for the curb cuts.
8. Please provide a public drainage easement around the proposed detention pond.
9. The existing detention pond was designed to hold a volume of 1.5 ac-ft which it appears about half is along the eastern side of the site and is being filled in. Is there enough volume in the proposed pond to handle this required volume?
10. Please provide an overflow spillway or pipe. If a spillway is provided, would a pump still be needed? It appears that you could just directly outfall into the remainder of the existing detention pond since there is already a pump at the far south end of the pond which discharges at a rate of 1.23 cfs.
11. Please show the 100 year water surface elevation in the ponds cross section.
12. Please change the wording of the pond cross section from "First Flush" to "Detention".
13. Please raise the pond's walls to match the top of curb or the top of the concrete channel. The dirt between these structures will just sluff off into the pond.

PO Box 1293

Albuquerque

NM 87103

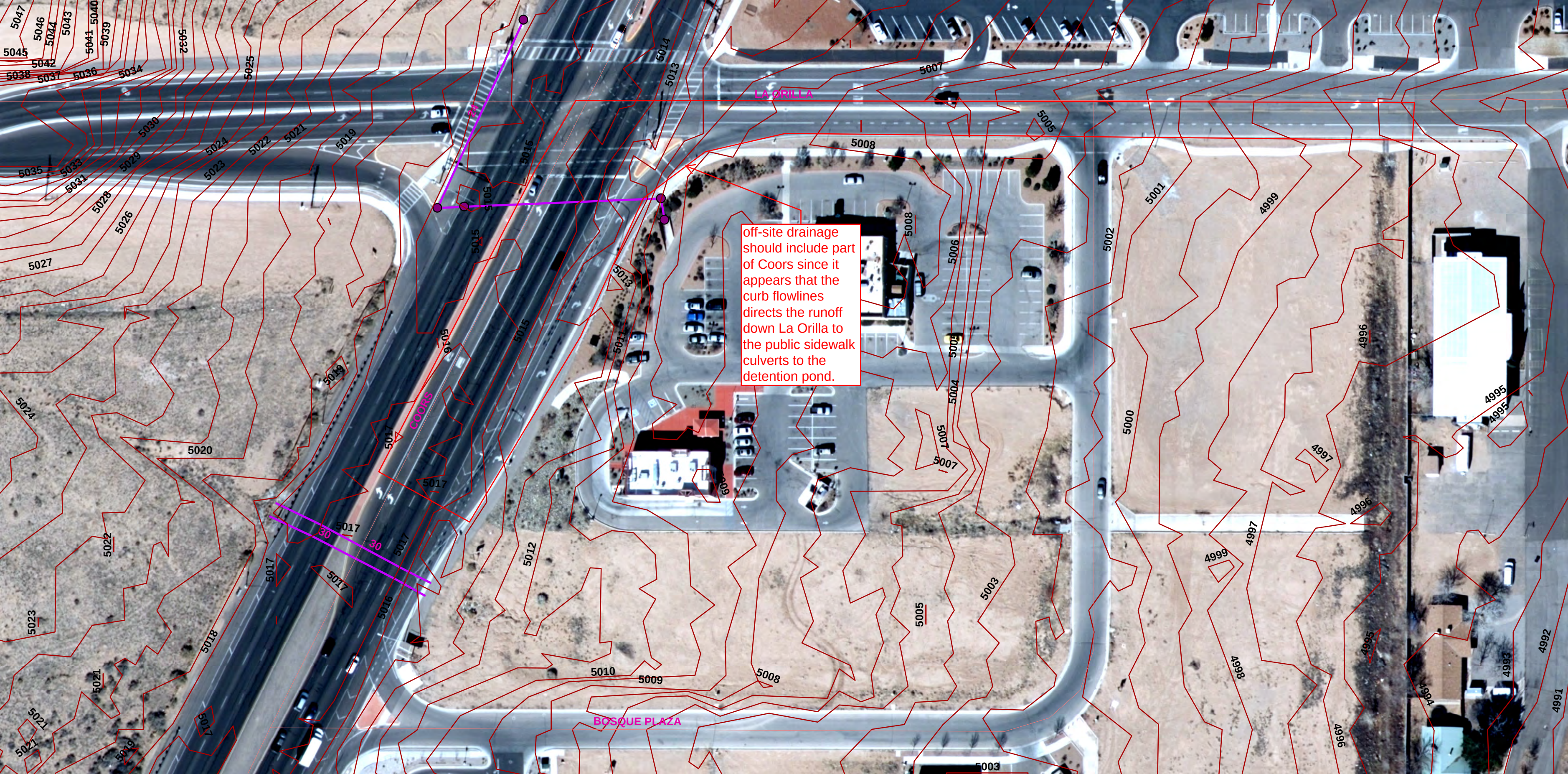
www.cabq.gov

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

Sincerely,

Renée C. Brissette

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



off-site drainage
should include part
of Coors since it
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curb flowlines
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down La Orilla to
the public sidewalk
culverts to the
detention pond.



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: _____ **Building Permit #:** _____ **City Drainage #:** _____
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: _____
City Address: _____

Engineering Firm: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Owner: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Architect: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Other Contact: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Check all that Apply:

DEPARTMENT:

☐ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION
☐ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF SUBMITTAL:

☐ ENGINEER/ ARCHITECT CERTIFICATION

☐ CONCEPTUAL G & D PLAN
☐ GRADING PLAN
☐ DRAINAGE MASTER PLAN
☐ DRAINAGE REPORT
☐ CLOMR/LOMR

☐ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ TRAFFIC IMPACT STUDY (TIS)
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)

☐ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

☐ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY

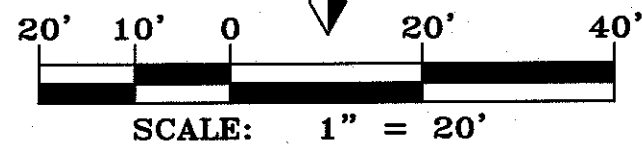
☐ PRELIMINARY PLAT APPROVAL
☐ SITE PLAN FOR SUB'D APPROVAL
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
☐ FINAL PLAT APPROVAL
☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
☐ FOUNDATION PERMIT APPROVAL
☐ GRADING PERMIT APPROVAL
☐ SO-19 APPROVAL
☐ PAVING PERMIT APPROVAL
☐ GRADING/ PAD CERTIFICATION
☐ WORK ORDER APPROVAL
☐ CLOMR/LOMR

☐ PRE-DESIGN MEETING
☐ OTHER (SPECIFY) _____

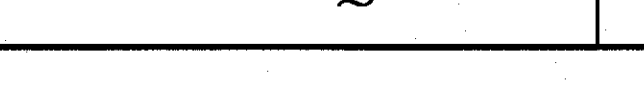
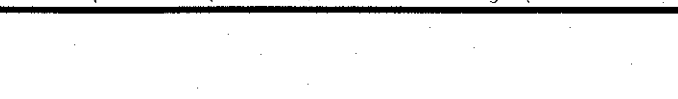
IS THIS A RESUBMITTAL?: ☐ Yes ☐ No

DATE SUBMITTED: _____ **By:** _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____



N.T.S.

C101