

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

November 21, 2022

James Copeland, P.E.
Anderson Wahlen & Associates
2010 North Redwood Road
Salt Lake City, UT 84116

**RE: Smith's #449 Coors Blvd. and St. Josephs
Conceptual Grading & Drainage Plans
Engineer's Stamp Date: No Date
Hydrology File: G11D067A**

Dear Mr. Copeland:

Based upon the information provided in your submittal received 11/09/2022, the Conceptual Grading & Drainage Plans are preliminary approved for action by the DRB for Site Plan for Building Permit.

PRIOR TO BUILDING PERMIT:

1. Provide more detailed design as needed in order to obtain Hydrology's approval.

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 924-3995 or rbrissette@cabq.gov.

Sincerely,

Renée C. Brissette

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



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

Smith's #449 Coors Blvd.

Project Title: and St. Josephs **Building Permit #** _____ **Hydrology File #** _____

DRB# _____ **EPC#** _____

Legal Description: Lot 10 of University of Albuquerque **City Address OR Parcel** 101106018038720705
Urban Center Plat

Applicant/Agent: AWA **Contact:** James Copeland

Address: 2010 N. Redwood Rd. Salt Lake City, Utah 84116 **Phone:** 810-913-8406

Email: Jamesc@AWAeng.com

Applicant/Owner: Smith's Marketplace **Contact:** Roger Gough

Address: 1550 South Redwood Road Salt Lake City, UT 84104 **Phone:** 801-974-1529

Email: roger.gough@sfdc.com

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

RE-SUBMITTAL: ☐ YES ☐ NO

DEPARTMENT: ☐ TRANSPORTATION ☒ HYDROLOGY/DRAINAGE

Check all that apply:

TYPE OF SUBMITTAL:

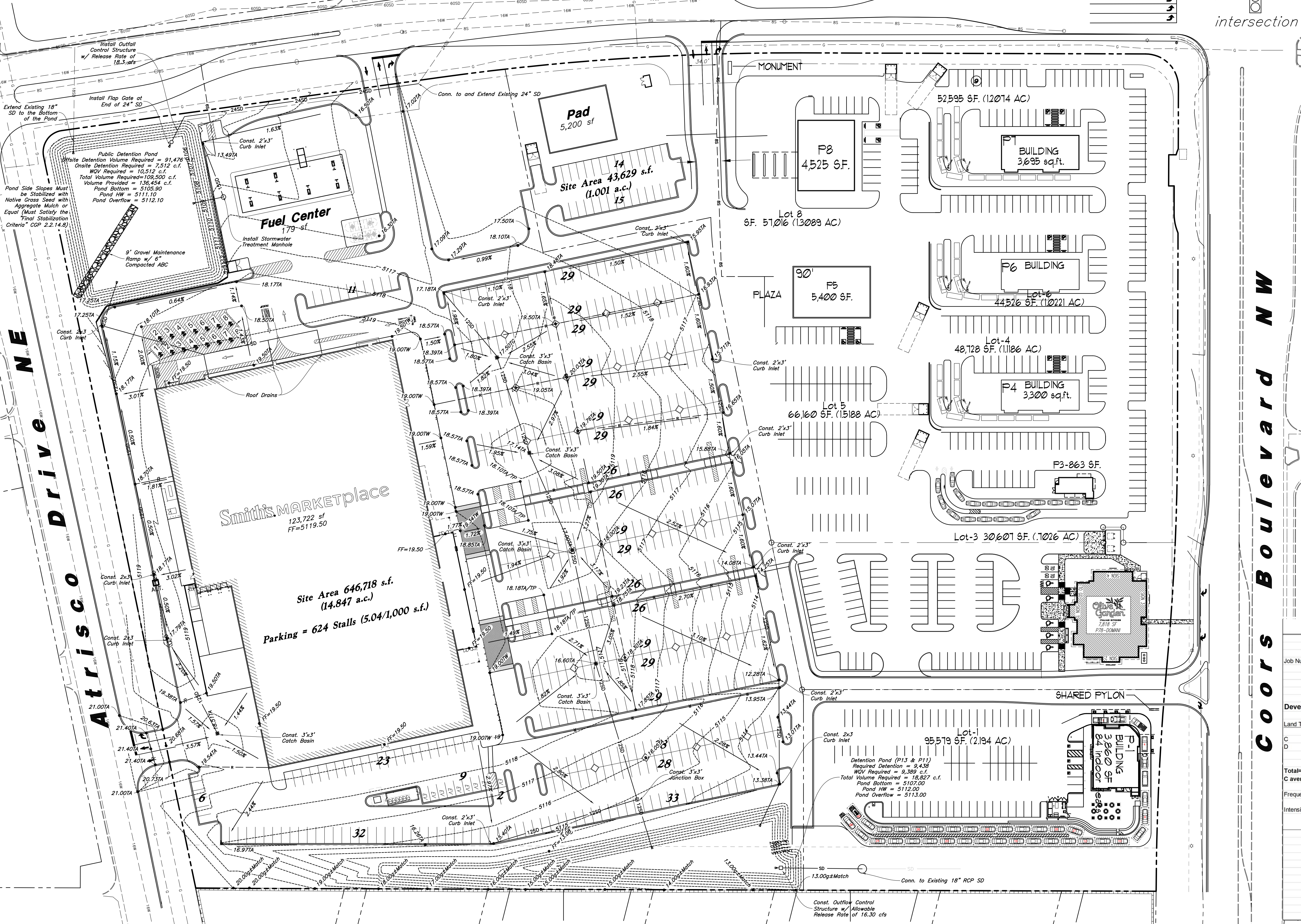
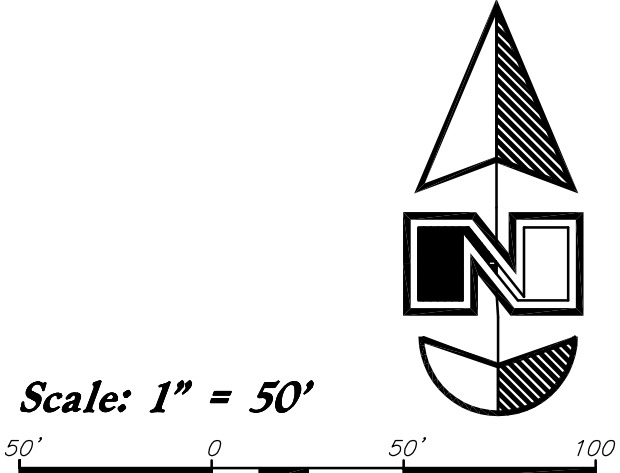
- ☐ ENGINEER/ARCHITECT CERTIFICATION
- ☐ PAD CERTIFICATION
- ☒ CONCEPTUAL G&D PLAN
- ☐ GRADING PLAN
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE MASTER PLAN
- ☐ FLOOD PLAN DEVELOPMENT PERMIT APP.
- ☐ ELEVATION CERTIFICATE
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ADMINISTRATIVE
- ☐ TRAFFIC CIRCULATION LAYOUT FOR DRB APPROVAL
- ☐ TRAFFIC IMPACT STUDY (TIS)
- ☐ STREET LIGHT LAYOUT
- ☐ OTHER (SPECIFY)
- ☐ PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY
- ☒ CONCEPTUAL TCL DRB APPROVAL
- ☐ 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
- ☐ FLOOD PLAN DEVELOPMENT PERMIT
- ☐ OTHER (SPECIFY) _____

DATE SUBMITTED: November 8, 2022

| Storm Water Calculations - North Pond | | | | | |
|---------------------------------------|-------------------|-------------------------|---------------------------------|-------------------------------|-------------------------------------|
| Job Name: Smith's Albuquerque | | | | | |
| Job Number: smc449 | | | | | |
| Date: 11/7/2022 | | | | | |
| Prepared By: Grayson Smith | | | | | |
| Reviewed By: | | | | | |
| Methodology: Rational | | | | | |
| Developed Conditions Subbasin P12 | | | | | |
| Land Treatments | | Area (ft ²) | C | | |
| C | | 74,539 | 0.63 | | |
| D | | 251,472 | 0.9 | | |
| Subtotal= | | 326,011 | | Peak Flow (Q ₁₀₀) | |
| Total= | | 7.48 | acres | 28.73 | |
| C average= | | 0.84 | | cfs | |
| Frequency: | | 100 | Release Rate (cfs)= | 18.30 | |
| Intensity = | | 4.58 in/hr | Req. Detention (cfs)= | 10.43 | |
| | | | | cfs | |
| Time (min) | Intensity (in/hr) | Depth (in) | Total Volume (ft ³) | Volume (ft ³) | Required Storage (ft ³) |
| 5 | 6.46 | 0.538 | 12159 | 5490 | 6669 |
| 10 | 4.91 | 0.819 | 18482 | 10980 | 7502 |
| 12 | 4.58 | 1.02 | 20688 | 13176 | 7512 |
| 15 | 4.08 | 1.37 | 23037 | 16470 | 6567 |
| 30 | 2.74 | 1.69 | 30942 | 32940 | -1998 |
| 60 | 1.69 | 1.92 | 43364 | 131760 | -88396 |
| 120 | 0.96 | 2 | 45387 | 197840 | -152243 |
| 180 | 0.67 | 2.17 | 48785 | 395280 | -346495 |
| 360 | 0.36 | 2.49 | 54205 | 1581120 | -1526915 |
| 1440 | 0.03 | 3.12 | 65046 | 6324480 | -6259434 |
| 14400 | 0.02 | 3.9 | 108410 | 15811200 | -15702790 |



| Storm Water Calculations - South Pond | | | | | |
|---|-------------------|-------------------------|---------------------------------|-------------------------------|-------------------------------------|
| Job Name: Smith's Albuquerque | | | | | |
| Job Number: smc449 | | | | | |
| Date: 11/7/2022 | | | | | |
| Prepared By: Grayson Smith | | | | | |
| Reviewed By: | | | | | |
| Methodology: Rational | | | | | |
| Developed Conditions Subbasin P13 and P11 | | | | | |
| Land Treatments | | Area (ft ²) | C | | |
| C | | 62,608 | 0.63 | | |
| D | | 266,948 | 0.9 | | |
| Subtotal= | | 329,556 | | Peak Flow (Q ₁₀₀) | |
| Total= | | 7.57 | acres | 29.41 | |
| C average= | | 0.85 | | cfs | |
| Frequency: | | 100 | Release Rate = | 16.30 | |
| Intensity = | | 4.58 in/hr | Req. Detention = | 13.11 | |
| | | | | cfs | |
| Time (min) | Intensity (in/hr) | Depth (in) | Total Volume (ft ³) | Volume (ft ³) | Required Storage (ft ³) |
| 5 | 6.46 | 0.538 | 12444 | 4890 | 7554 |
| 10 | 4.91 | 0.819 | 18916 | 9780 | 9136 |
| 12 | 4.58 | 1.02 | 21174 | 11736 | 9438 |
| 15 | 4.08 | 1.37 | 23578 | 14670 | 8908 |
| 30 | 2.74 | 1.69 | 31668 | 29340 | -2328 |
| 60 | 1.69 | 1.92 | 39065 | 58680 | -19615 |
| 120 | 0.96 | 2 | 44382 | 117360 | -72978 |
| 180 | 0.67 | 2.17 | 46462 | 176040 | -129578 |
| 360 | 0.36 | 2.49 | 49929 | 352080 | -302151 |
| 1440 | 0.10 | 2.49 | 55477 | 1408320 | -1352843 |
| 5760 | 0.03 | 3.12 | 66572 | 5633280 | -5566708 |
| 14400 | 0.02 | 3.9 | 110954 | 14083200 | -13972246 |

Anderson Wahlen & Associates
2010 North Redwood Road, Salt Lake City, Utah 84116
(801) 521-5255 - andersonwahlen.com

Preliminary Grading and Drainage plan
Smith's #449 Marketplace
Coors Boulevard & St. Josephs Drive
Albuquerque, New Mexico

Not For Construction

11 Nov, 2022
SHEET NO.