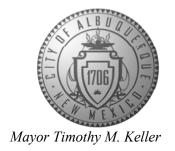
CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



February 1, 2024

Hal P. Grubb, P.E. Barghausen Consulting Engineers, Inc. 18215 72nd Avenue South Kent, WA 98032

RE: Costco Fueling Facility Expansion 1420 Renaissance Blvd NW Conceptual Grading and Drainage Plans Engineer's Stamp Date: No Stamp Date Hydrology File: F16D005G

Dear Mr. Grubb:

PO Box 1293

NM 87103

www.cabq.gov

Based upon the information provided in your submittal received 01/25/2024, the Conceptual Grading & Drainage Plans are preliminary approved for action by the Development Facilitation Team (DFT) on Site Plan for Building Permit.

Albuquerque PRIOR TO BUILDING PERMIT:

1. Please submit a more detailed Grading & Drainage Plan to Hydrology for review and approval. This digital (.pdf) is emailed to PLNDRS@cabq.gov along with the Drainage Transportation Information Sheet.

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.

Renée C. Brissette

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

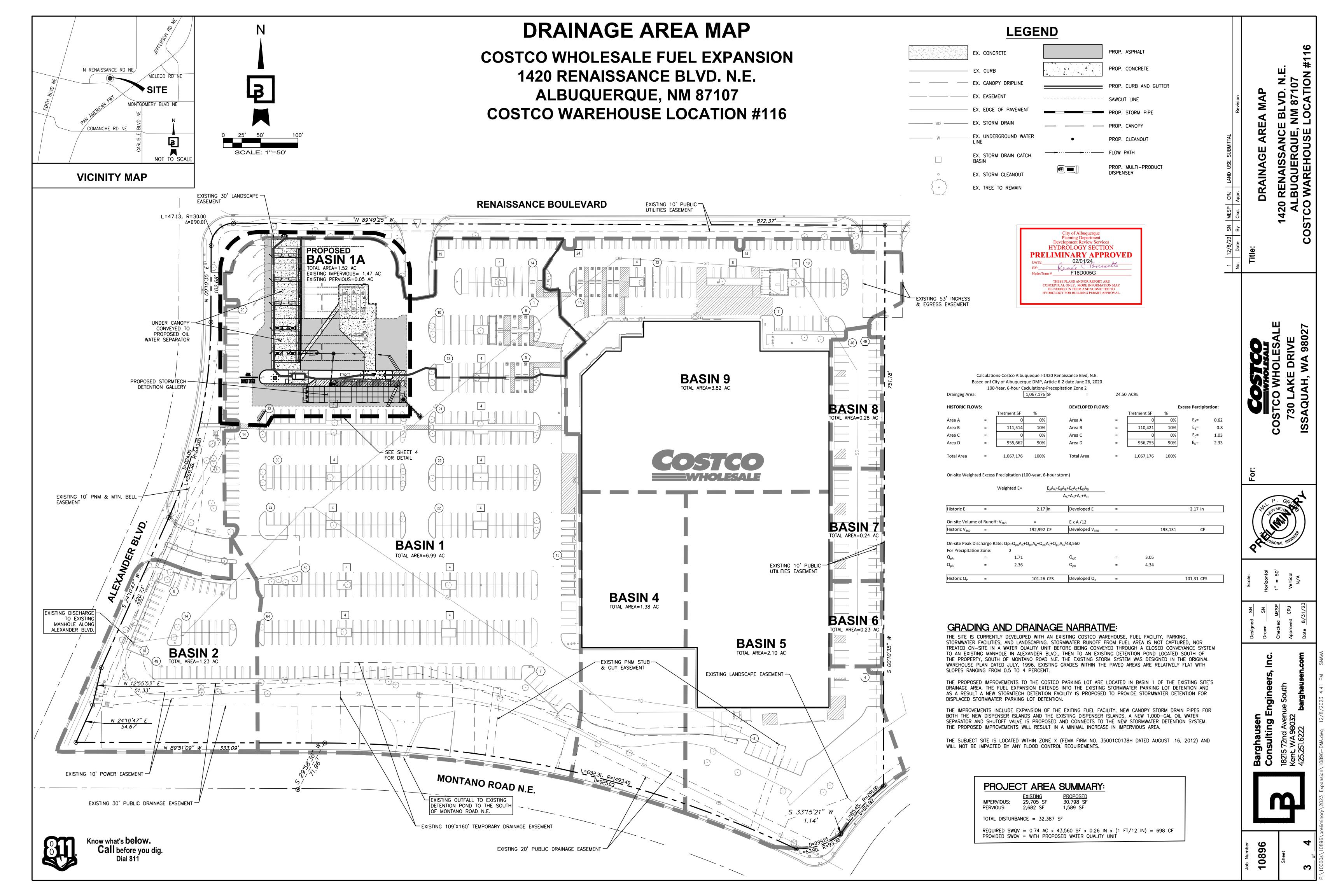


City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (DTIS)

Project Title:		Hydrology File #	
Legal Description:			
City Address, UPC, OR Parcel	:		
Applicant/Agent:		Contact:	
Address:			
Email:			
Applicant/Owner:		Contact:	
Address:		Phone:	
Email:			
(Please note that a DFT SITE is or	ne that needs Site Plan A	pproval & ADMIN SITE is one that does not need it.)	
TYPE OF DEVELOPMENT:	PLAT (#of lots)	RESIDENCE	
	DFT SITE	ADMIN SITE	
RE-SUBMITTAL: YES	NO		
DED A DEMENT. TO A NI	SDODT A TION	HVDDOLOGV/DD A DIA CE	
DEPARTMENT: TRANS	SPORTATION	HYDROLOGY/DRAINAGE	
Check all that apply under Both	the Type of Submittal	and the Type of Approval Sought:	
TYPE OF SUBMITTAL:		TYPE OF APPROVAL SOUGHT:	
ENGINEER/ARCHITECT CERTIFICATION		BUILDING PERMIT APPROVAL	
PAD CERTIFICATION		CERTIFICATE OF OCCUPANCY	
CONCEPTUAL G&D PLAN		CONCEPTUAL TCL DFT APPROVAL	
GRADING & DRAINAGE PLAN		PRELIMINARY PLAT APPROVAL	
DRAINAGE REPORT		FINAL PLAT APPROVAL	
DRAINAGE MASTER PLAN		SITE PLAN FOR BLDG PERMIT DFT	
CLOMR/LOMR		APPROVAL	
TRAFFIC CIRCULATION LAYOUT (TCL) ADMINISTRATIVE		SIA/RELEASE OF FINANCIAL GUARANTEE	
		FOUNDATION PERMIT APPROVAL	
TRAFFIC CIRCULATION LAYOUT FOR DFT APPROVAL		GRADING PERMIT APPROVAL	
TRAFFIC IMPACT STUDY (TIS)		SO-19 APPROVAL	
STREET LIGHT LAYOUT		PAVING PERMIT APPROVAL	
OTHER (SPECIFY)		GRADING PAD CERTIFICATION	
- 111211 (C1 2011 1)		WORK ORDER APPROVAL	
		CLOMR/LOMR	
		OTHER (SPECIFY)	
DATE SUBMITTED:			



SCALE: 1"=20'

GRADING AND DRAINAGE PLAN

COSTCO WHOLESALE FUEL EXPANSION 1420 RENAISSANCE BLVD. N.E. **ALBUQUERQUE, NM 87107 COSTCO WAREHOUSE LOCATION #116**

Planning Department Development Review Services **HYDROLOGY SECTION** DATE: 02/01/24
BY: F16D005G HYDROLOGY FOR BUILDING PERMIT APPROVAL

PRELIMINARY APPROVED

PROPERTY BOUNDARY **RENAISSANCE BOULEVARD** EXISTING FIRE — HYDRANT TO REMAIN N 89°49'25" W = CLEANOUT (TYP.) 5036.3± ME - EXISTING CURB TO ∠ PROPOSED LANE EXISTING LOT LIGHT -STRIPING **EXISTING CART** EXISTING DISPENSER . TO BE REMOVED CORRAL TO AND RE-INSTALLED /(TYP OF 6) — EXISTING — PAVEMENT TO REMAIN WITH A PAVEMENT TO EXISTING GRADE SLURRY SEAL REMAIN WITH A COAT EXISTING CURB -SLURRY SEAL FUEL CANOPY - EXISTING LOT LIGHT TO REMAIN EXISTING CURB TO PROPOSED CONCRETE PAVEMENT (TYP.) PROPOSED CONCRETE -SAWCUT MATCH EXISTING GRADE (TYP.) EXISTING TREE TO REMAIN PROPOSED FUEL -**CANOPY EXPANSION** PROPOSED MULTI-PUMP -EXISTING 10' PUBLIC PROPOSED — PAVEMENT (TYP.) DISPENSER (TYP. OF 4) UTILITY EASEMENT EXISTING ADDITIVE \<u>5036.0± ME</u> CLEANOUT (TYP.) - PROPOSED STORM FILTER WQ TREATMENT MANHOLE EXISTING PAVEMENT — PROPOSED ASPHALT -5035.45 5035.31 5035.10 PROPOSED OIL/WATER - EXISTING CART CORRAL TO PAVEMENT (TYP.) REMAIN SEPARATOR WITH GATE VALVE VENT RISERS PROPOSED BARRIER -- CURB (TYP.) PAVEMENT MARKING PROPOSED REMOTE FILL BOX / (TYP.) 5034.7± ME/ -5035 -- Z ----- CONTROLLER PROPOSED CONTROLLER PROPOSED SAWCUT (TYP.) — ENCLOSURE ← EXISTING SD PROPOSED — PROPOSED CONCRETE MANHOLE TO REMAIN TRANSFORMER ∠EXISTING PAVEMENT -TO REMAIN ► EXISTING SD TO CONTROLLER TO REMAIN 5034.4± ME ≻ PROPOSED SAWCUT MATCH -PROPOSED MANHOLE CONNECTION PROPOSED STORMTECH -DRAIN MANHOLE EXISTING GRADE (TYP.) TO EXISTING 12-INCH STORM DRAIN DETENTION AREA - EXISTING POWER PROPOSED CURB -(APPROXIMATELY 3,473 SF) └ PROPOSED TMS TO PROPOSED AND GUTTER (TYP.) ADDITIVE DIRECT INJECTION CABINET TRANSFORMER DESIGN PER PURVEYOR PROPOSED 12-INCH SD-TRANSFORMER EXISTING PAVEMENT -- EXISTING TREE TO REMAIN

CANOPY COVERAGE AREA:

EXISTING AREA: 2,337 SF

PROPOSED ADDITIONAL AREA: 2,108 SF TOTAL AREA AFTER EXPANSION: 4,445 SF

DISTURBED AREA SUMMARY:

TOTAL AREA = 32,387 SF

PROPOSED IMPERVIOUS: 29,705 SF 30,798 SF PERVIOUS: 2,682 SF 1,589 SF

Barghausen Consulting Engine

10896