CITY OF ALBUQUERQUE

Planning Department Alan Varela, Director



Mayor Timothy M. Keller

July 15, 2024

Scott McGee, P.E. 9700 Sand Verbena Trail NE Albuquerque, NM 87122

RE: McMahon Market Place – Lot 9B Permanent C.O. – Accepted Engineer's Certification Date: 07/11/24 Engineer's Stamp Date: 09/12/22 Hydrology File: A11D011I

Dear Mr. McGee:

Based on the Certification received 07/12/2024 and site visit on 07/12/2024, this letter serves as a "green tag" from Hydrology Section for a Permanent Certificate of Occupancy to be issued by the Building and Safety Division.

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

Albuquerque Sincerely,

NM 87103

Renée C. Brissette

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



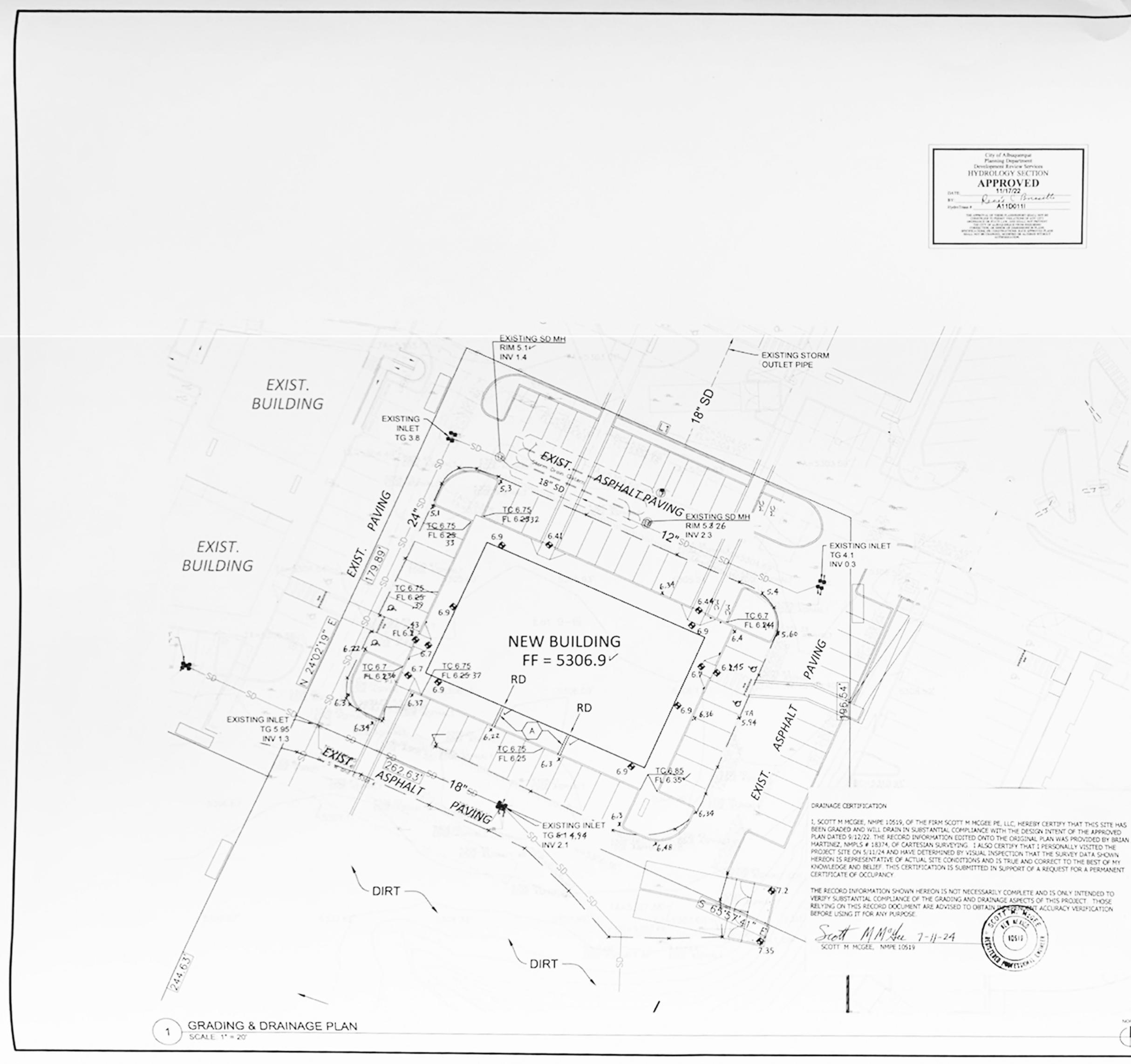
City of Albuquerque

Planning Department Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (DTIS)

Project Title:	Hydrology File #
City Address, UPC, OR Parcel:	
Applicant/Agent:	Contact:
	Phone:
Email:	
Applicant/Owner:	Contact:
Address:	Phone:
Email:	
(Please note that a DFT SITE is one that nee	ds Site Plan Approval & ADMIN SITE is one that does not need it.)
TYPE OF DEVELOPMENT: PLAT	(#of lots) RESIDENCE
DFT	SITE ADMIN SITE
RE-SUBMITTAL: YES NO	
DEPARTMENT: TRANSPORTA	TION 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 CERTIFICA	TION 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 (SIA/RELEASE OF FINANCIAL GUARANTEE
ADMINISTRATIVE	FOUNDATION PERMIT APPROVAL
TRAFFIC CIRCULATION LAYOUT F APPROVAL	OR DFT GRADING PERMIT APPROVAL
TRAFFIC IMPACT STUDY (TIS)	SO-19 APPROVAL
STREET LIGHT LAYOUT	PAVING PERMIT APPROVAL
OTHER (SPECIFY)	GRADING PAD CERTIFICATION
• mEx (5) Een 1)	WORK ORDER APPROVAL
	CLOMR/LOMR
	OTHER (SPECIFY)

DATE SUBMITTED: ____







A-11-Z

VICINITY MAP

LEGEND

	EXISTING CONSTRUCTION
	- NEW CONTOUR
FF=5309.5	PROPOSED BUILDING FINISH FLOOR ELEV
♦36.5	NEW SPOT ELEVATION
	NEW CONSTRUCTION
- RD	ROOF DRAIN
TC	TOP OF CURB
x 6,34	- EDGE OF EXISTING ASPHALT AS- BUILT ELEVATION

KEYED NOTES

A. INSTALL NEW 8" WIDE TRENCH DRAIN.

DRAINAGE ANALYSIS

LOCATION: SE Corner of Unser/McMahon Blvd NW, Albuquerque, NM

LEGAL DESCRIPTION: LOT 9-B MCMAHON MARKETPLACE

AREA: 0.92 ACRES (40,120 SF)

BENCHMARK: City of Albuquerque Station '8-A11' being a brass cap with ELEV= 5283.03 (NAVD 1988)

SURVEYOR: CSI - Cartesian Surveys Inc. dated January 2021

PRECIPITATION ZONE: 1

FLOOD HAZARD: From FEMA Map 35001C0104H (8/16/2012), this site is identified as being within Zone 'X' which is determined to be outside the 0.2% annual chance floodplain.

OFFSITE FLOW: There is no offsite flow that enters this site.

EXISTING CONDITIONS: The site is undeveloped but is surrounded by commercial development on all sides. Existing asphalt accessways circle the site and were constructed as part of previous phases of this development. Storm drain inlets, storm drain piping, and underground stormwater storage units were installed with a previous phase as shown.

PROPOSED IMPROVEMENTS: The proposed 6,656 SF single-story building will be surrounded by new sidewalks and asphalt parking spaces. This development shall follow the requirements of the Amended Master Drainage Plan for McMahon Marketplace prepared by Isaacson & Arfman.

DRAINAGE APPROACH: The site drainage pattern will follow the amended DMP conditions with the roof runoff directed to the south. Runoff will be carried on the paved surface to 4 existing inlets installed with the previous phase. Existing storm drains will convey the runoff to existing underground storage chambers.

Precipitation Zone: 1

NORTH

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Proposed land treatment: 2% B, 7% C and 91% (36,510 SF) D Q = [(0.02)(2.16)+(0.07)(2.87)+(0.91)(4.12)](0.92) = 3.7 CFSDeveloped discharge is 4.0 CFS/AC (< allowable DMP discharge Q=4.1 CFS) SWQ V=(36,510)(0.42/12) = 1,278 CF

The SWQ Volume requirement for Lots 98, 9C, and 9D were included in the underground detention system installed with the construction of Lot 9A.

