

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Interim Director



Mayor Timothy M. Keller

February 28, 2022

Robert Fierro, P.E.
Fierro & Company, LLC
6300 Montano Rd. NW, Suite C
Albuquerque, NM 87120

**RE: Ginder Garage
709 Marble Ave, NW
Grading and Drainage Plan
Engineer's Stamp Date: 1/12/22
Hydrology File: J14D198**

Dear Mr. Fierro:

Based upon the information provided in your submittal received 01/03/2022, the Grading and Drainage Plan is approved for Building Permit and Grading Permit. Since the site has been rough graded a pad certification is not needed for this project. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

PRIOR TO CERTIFICATE OF OCCUPANCY:

1. Engineer's Certification, per the DPM Part 6-14 (F): Engineer's Certification Checklist For Non-Subdivision is required.

If you have any questions, please contact me at 505-924-3695 or dggutierrez@cabq.gov.

Sincerely,

David G. Gutierrez, P.E.
Senior Engineer, Hydrology
Planning Department



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:

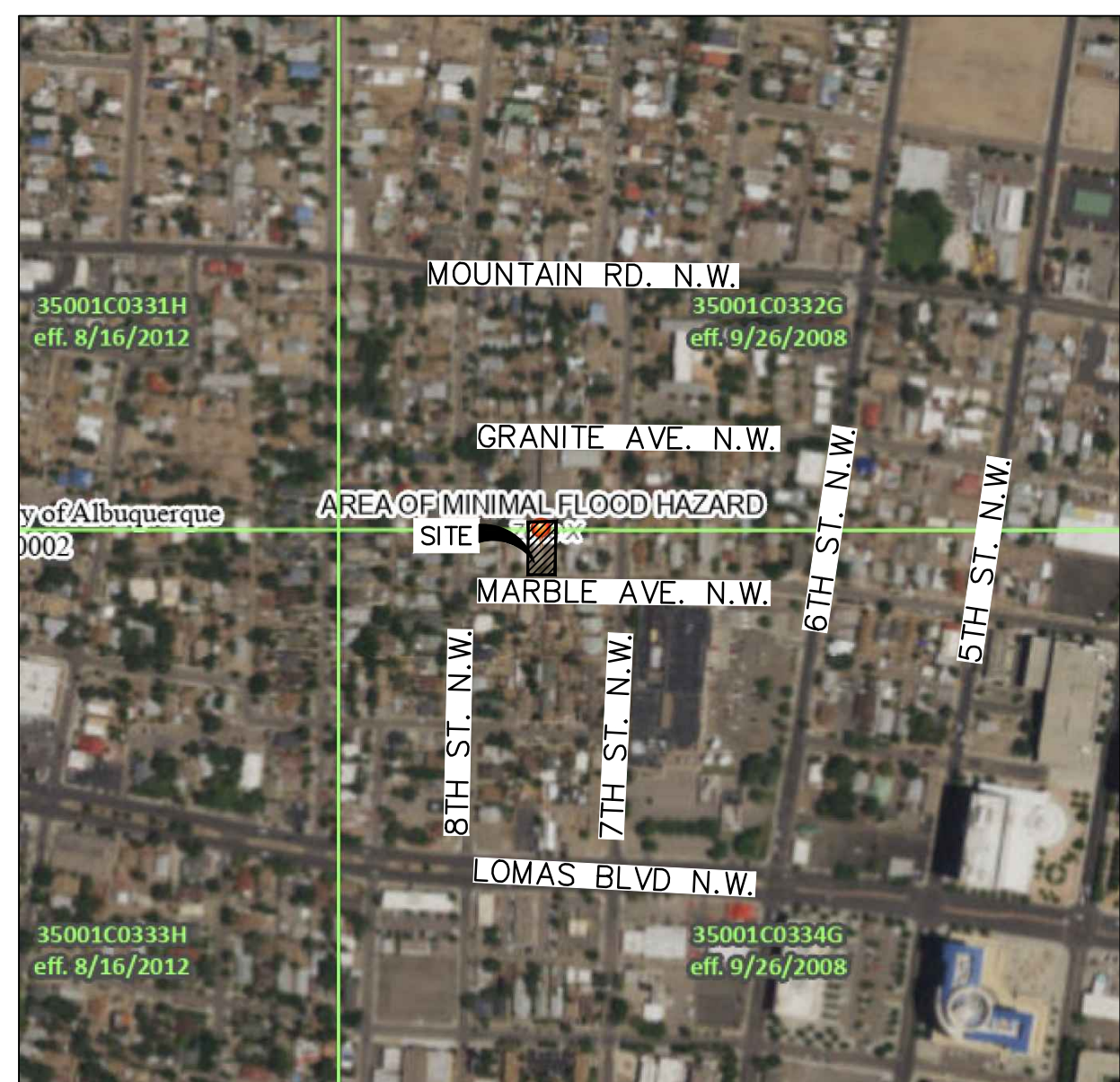
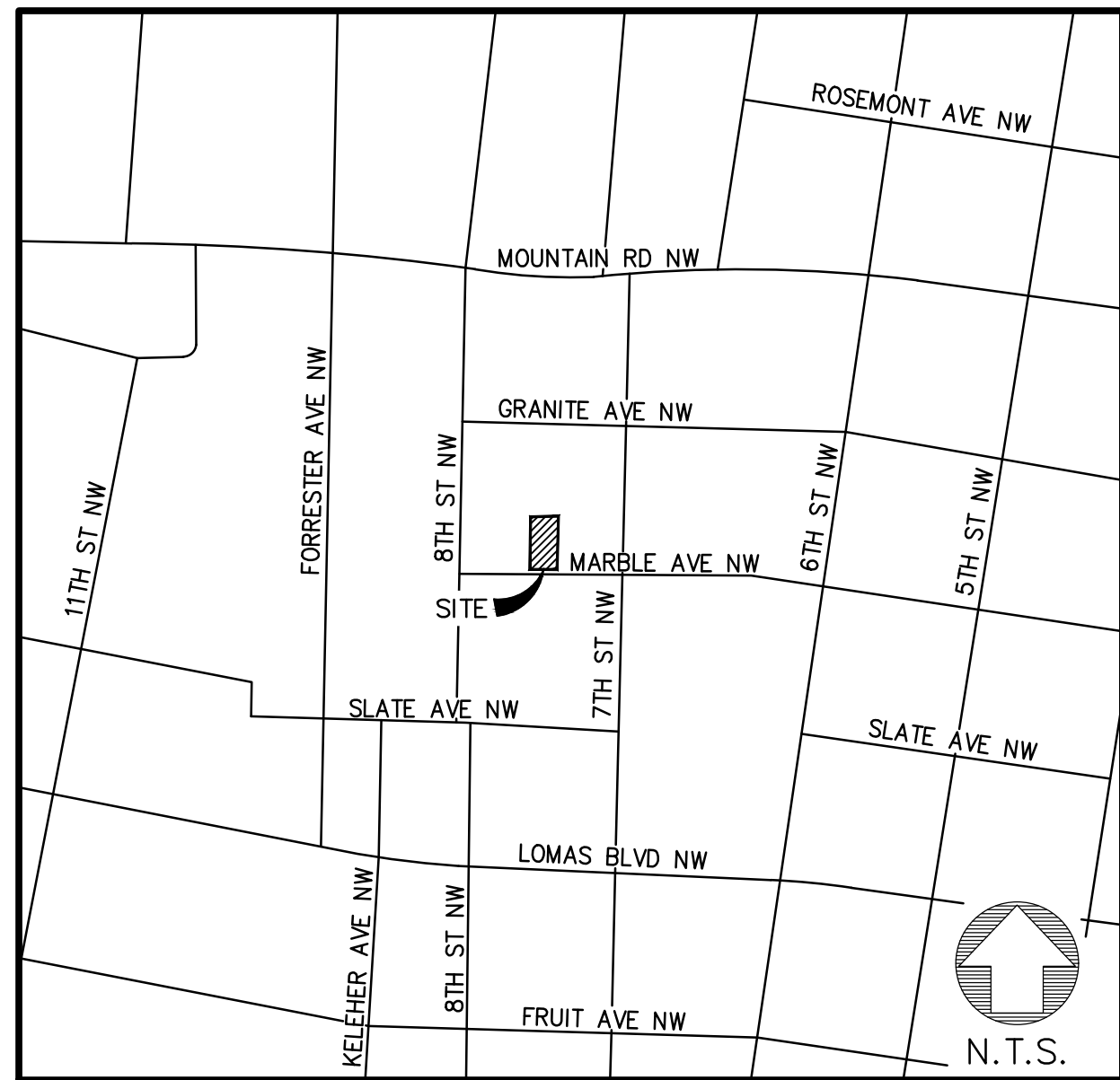
- _____ BUILDING PERMIT APPROVAL
- _____ CERTIFICATE OF OCCUPANCY
- _____ PRELIMINARY PLAT APPROVAL
- _____ SITE PLAN FOR SUB'D APPROVAL
- _____ SITE PLAN FOR BLDG. PERMIT APPROVAL
- _____ FINAL PLAT APPROVAL
- _____ SIA/ RELEASE OF FINANCIAL GUARANTEE
- _____ FOUNDATION PERMIT APPROVAL
- _____ GRADING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



DRAINAGE NARRATIVE

THE SITE IS LOCATED AT 709 MARBLE AVE NW, ALBUQUERQUE, NM BEING ON LOT 1-C OF PERFECTO ARMIJO & BROTHERS ADDITION. THE SITE DOES NOT RECEIVE OFF-SITE RUNOFF. RUNOFF FROM THE SITE DISCHARGES TO MARBLE AVE. NW UNDER THE EXISTING AND PROPOSED CONDITION. A 550 SQ.FT. BUILDING IS PROPOSED BEHIND THE EXISTING RESIDENCE. THE IMPERVIOUS AREA INCREASED BY 14% AS SHOWN IN THE HYDROLOGIC TABLE ON THIS SHEET.

HYDROLOGIC PROCEDURES PRESENTED IN THE HYDROLOGY SECTION OF THE DMP, ARTICLE 6-2(a), APPROVED JUNE 26, 2020 WERE FOLLOWED.

THE DRAINAGE PATTERN WILL NOT BE ALTERED AS THE REAR YARD WILL CONTINUE TO DRAIN ALONG THE SIDE YARD AS ILLUSTRATED. THIS RESIDENTIAL SITE DOES NOT REQUIRE A STORM WATER QUALITY POND NOR A DETENTION POND SINCE THE INCREASE IN RUNOFF IS NEGLIGIBLE.

THE CITY'S DRAINAGE CRITERIA HAS BEEN MET. THIS DRAINAGE REPORT SEEKS HYDROLOGY'S APPROVAL.

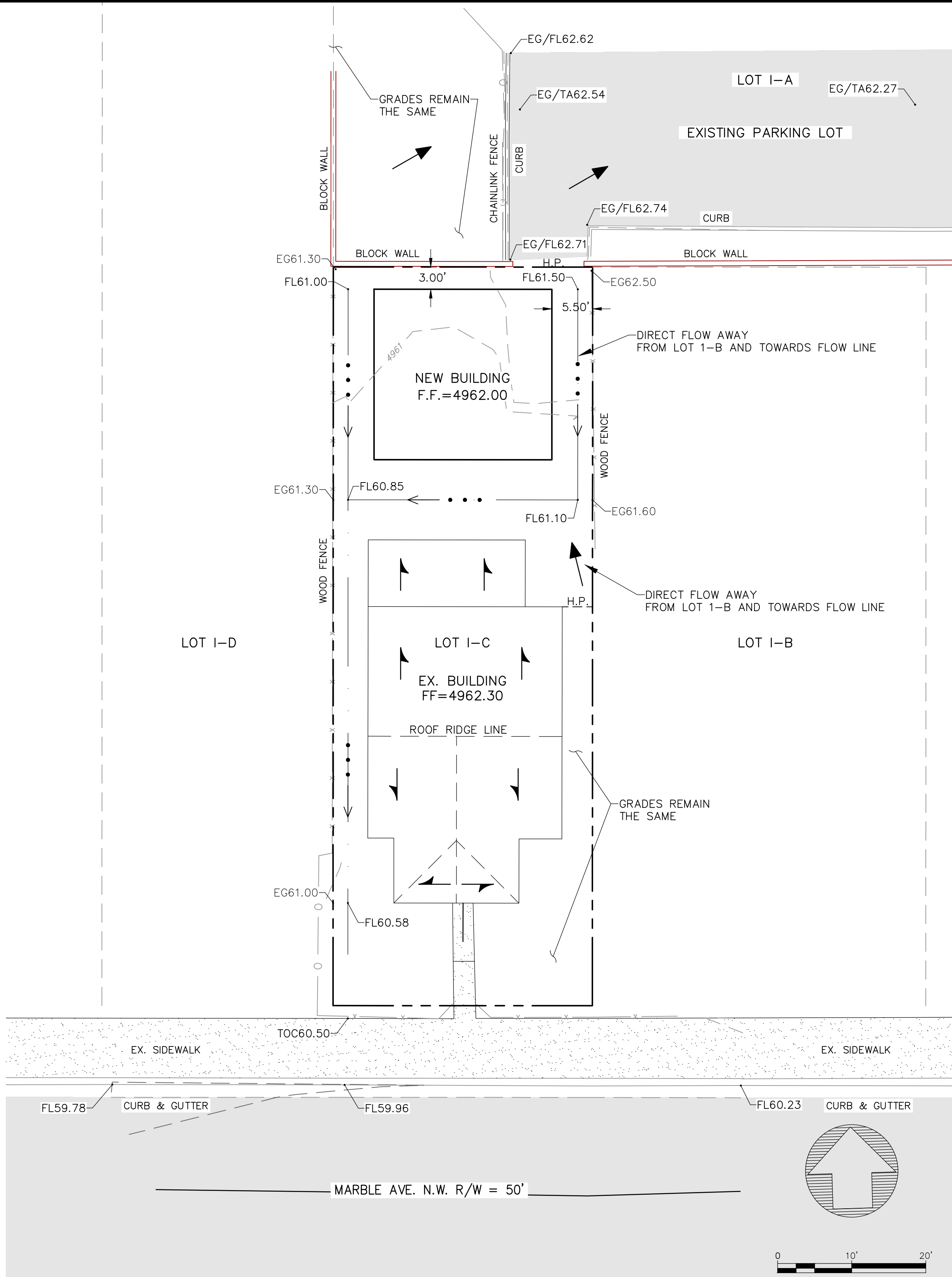
Excess Precipitation (inches)			
A	B	C	D
0.55	0.73	0.95	2.24

Peak Discharge (cfs/acre)			
A	B	C	D
1.54	2.16	2.87	4.12

Precipitation (inches)			
P ₃₆₀₍₆₎	P ₁₄₄₀₍₂₄₎	P _{4days}	P _{10days}
2.17	2.49	3.12	3.90

HYDROLOGY SUMMARY									
Basin	Total Area	Total Area	Land Treatment (%)				Weighted E	Q ₁₀₀ (cfs)	V _{100yr-24hr} (ac-ft)
	(sq.ft.)	(acres)	A	B	C	D			
100	3490	0.080	0.0	32.1	32.1	35.8	1.341	0.25	0.010
200	3490	0.080	0.0	24.9	24.9	50.1	1.542	0.27	0.011

HYDROLOGIC CALCULATIONS

[illegible]

PROJECT NO:	21097
DESIGNED BY:	RJF
DRAWN BY:	JB
CHECKED BY:	RJF
DATE:	JANUARY 2022

SHEET TITLE

GRADING PLAN