

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

April 14, 2023

Morey Walker, P.E.
Walker Engineering
905 Camino Sierra Vista
Santa Fe, NM 87505

**RE: National Museum of Nuclear Science & History – New Building
601 Eubank Blvd. SE
Conceptual Grading and Drainage Plan
Engineer's Stamp Date: No Date
Hydrology File: L20D065**

Dear Mr. Walker:

PO Box 1293

Based upon the information provided in your submittal received 04/06/2023, the Grading & Drainage Plan **is not** approved for action by the Development Facilitation Team (DFT) on Site Plan for Building Permit. The following comments need to be addressed for approval of the above referenced project:

Albuquerque

NM 87103

www.cabq.gov

1. Per the DPM, the following must be on the Grading Plan. Please note the Grading Plan must be a stand-alone construction document.
 - a. Please provide a Vicinity Map. Typically, this is the Zone Atlas. This can be downloaded in pdf format from the City of Albuquerque's website.
 - b. Please provide the Benchmark information (location, description and elevation) for the survey contour information provided.
 - c. Please provide the FIRM Map and flood plain note with effective date.
 - d. Please provide a legal Description of the property.
2. Please use the procedure for 40 acre and smaller basins as outlined in Development Process Manual (DPM) Article 6-2(a). Please provide both the existing conditions and proposed conditions for the 100 year-6 hour storm event and the 100 year-10 day storm event. This site currently drains to an existing retention pond.
3. The site has an existing retention pond that was originally sized for the 100 year-10 day storm event and was to have a volume of 50,060 CF. Please verify the current size of the pond. This may have been silted in since it was built in 2007. Depending on the proposed increase impervious, calculate the required volume (100 year-10 day) for the proposed development and see if the retention pond will need to be upsized.

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4. Please place the note, "Not for Construction" somewhere on the Conceptual Grading & Drainage Plan.
5. The demolition plan can be removed for the Conceptual Grading & Drainage Plan and place on a different construction sheet that Hydrology will not approve. This will give enough room to place the calculations and required maps.
6. Sheet C-2 is not needed since that information is on Sheet C-1.

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.

PO Box 1293

Sincerely,

Albuquerque

NM 87103

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

www.cabq.gov



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

National Museum of Nuclear

Project Title: Science & History Building Permit # _____ Hydrology File # _____

DRB# PR-2023-008328 EPC# _____

Legal Description: 601 Eubank SE City Address OR Parcel 601 Eubank SE

Applicant/Agent: Martinez Architecture Studio PC Contact: Richard Martinez

Address: PO Box 925 Santa Fe, NM 87504 Phone: 505-989-4958

Email: studio@martinezaarch.com

Applicant/Owner: _____ Contact: _____

Address: _____ Phone: _____

Email: _____

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?

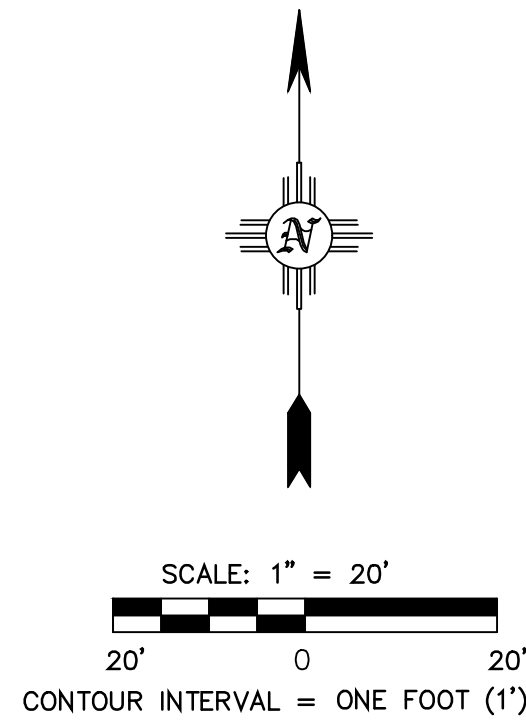
TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ 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: 4/5/2023

Figure 1 is a legend titled "Symbols and Abbreviations" defining various symbols used in the site plan. It consists of two columns. The left column contains symbols, and the right column contains their corresponding labels. The symbols include: a solid line with a wavy contour line labeled "60" and "65.0"; a dashed line; a solid line with a dot and a leader line labeled "FG 40.50"; a left-pointing arrow followed by three dots; a rectangular area with a stippled pattern labeled "FFE"; a rectangular area with a cross-hatched pattern; a rectangular area with a diagonal line pattern; a solid line; a dashed line; and a solid line.

	EXISTING CONTOURS
	DESIGN CONTOURS
	SITE BOUNDARY
	PROPOSED SPOT ELEVATION
	FG ————— FIELD GRADE
	WATER FLOW DIRECTION
	FINISHED PAD
	GRAVEL
	CONCRETE

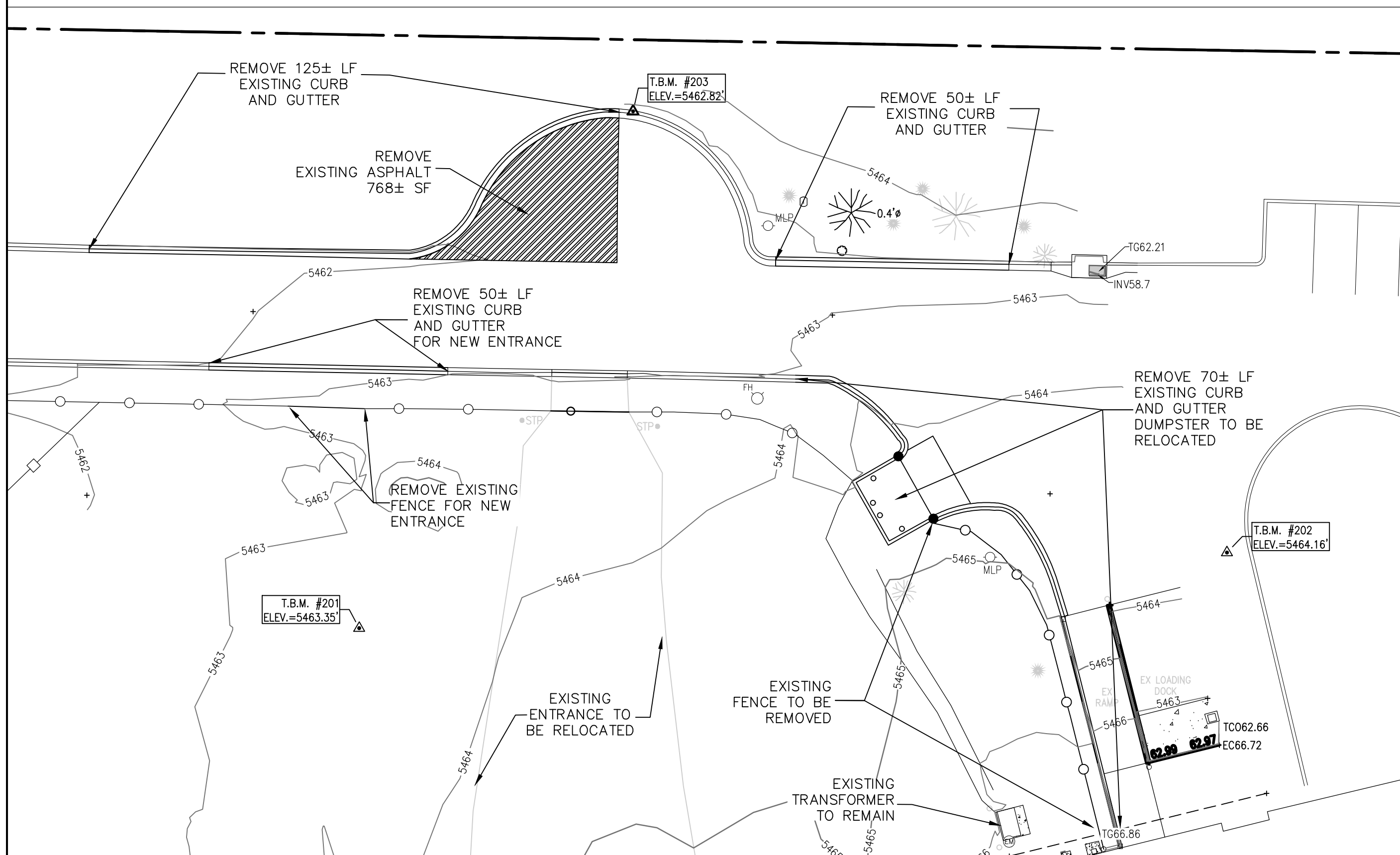


IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWING, THEY ARE SHOWN IN APPROXIMATE MANNER ONLY. UTILITY LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE UTILITY OR PIPELINE COMPANY, THE OWNER, OR BY OTHERS. THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.

THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE OR TYPE OF EXISTING ABOVE AND UNDERGROUND UTILITIES, OR EXISTING PIPELINES. THE ENGINEER MAKES NO REPRESENTATION PERTAINING TO THE ACCURACY, COMPLETENESS, OR RELIABILITY OF THE LOCATION INFORMATION PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING ABOVE AND UNDERGROUND UTILITIES, AND EXISTING PIPELINES, IN AND NEAR THE AREA OF THE WORK, IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY THE EXCAVATION OF EXISTING UTILITIES, AND EXISTING PIPELINES, IN AND NEAR THE AREA OF EXCAVATION ABOVE AND UNDERGROUND UTILITIES, AND EXISTING PIPELINES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES PERTAINING TO THE LOCATION OF THESE LINES IN PLANNING AND CONDUCTING EXCAVATION WORK.

INFORMATION SHOWN IS FOR GRADING AND DRAINAGE ONLY AND IS NOT TO BE USED FOR STAKING PURPOSES. SEE SITE PLAN FOR ACTUAL LOCATION OF IMPROVEMENTS.

ALL EXISTING TOPOGRAPHIC SURVEY DATA SHOWN ON THESE PLANS HAS BEEN OBTAINED AND CERTIFIED BY OTHERS. WALKER ENGINEERING HAS UNDERTAKEN NO FIELD VERIFICATION OF THIS TOPOGRAPHY INFORMATION, AND MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREOF OF THIS TOPOGRAPHY. WALKER ENGINEERING RESPONSIBILITY IS LIMITED TO THE ENGINEERING ANALYSIS THAT UTILIZES THE TOPOGRAPHY SURVEY.

[illegible]

Civil Engineering • Water Resources • Traffic Engineering

W•E Walker Engineering

905 Camino Sierra Vista, • Santa Fe, NM 87505

505-820-7990
FAX 505-820-3539
E-MAIL civil@walkerengineering.net

[illegible]

PROJECT:	NUCLEAR MUSEUM ALBUQUERQUE
SHEET TITLE:	PRELIM. GRADING AND DRAINAGE PLAN

COUNTY REVIEW		
DEPARTMENT	SIGN-OFF	DATE
LAND USE PLANNER		
PUBLIC WORKS DIRECTOR		
S.F. WATER COMPANY		
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COUNTY USE ONLY		

SHEET NO.

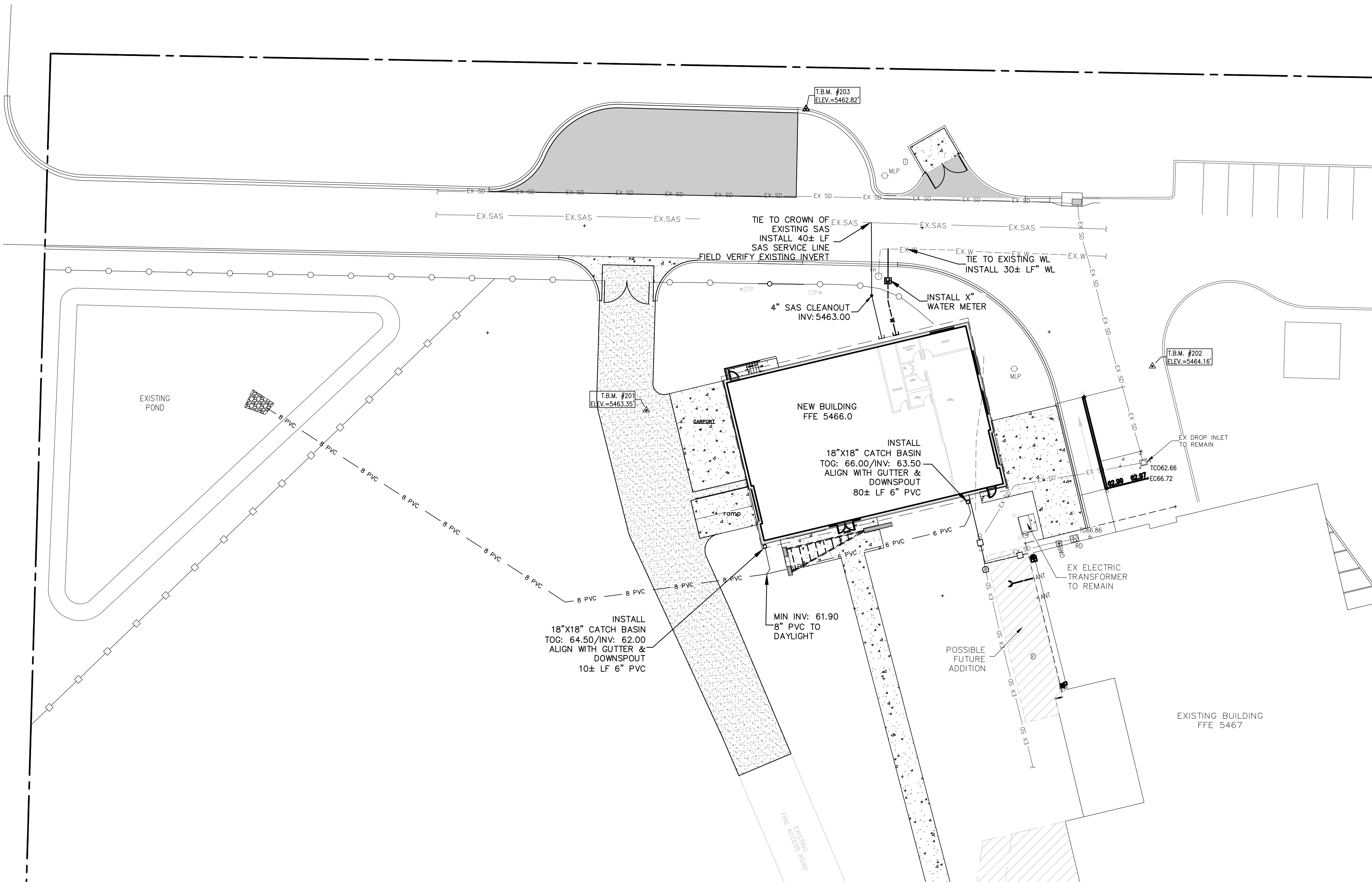
C-1

LEGEND

	PROPOSED WATER LINE
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	PROPOSED WATER VALVE & BOX
	PROPOSED METER
	PROPOSED SEWER
	EX SAS MANHOLE
	SAS SERVICE STUB OUT



SCALE: 1" = 20'
20' 0 20'
CONTOUR INTERVAL = ONE FOOT (1')



STAKING NOTE

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TOPOGRAPHY NOTE

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UTILITY NOTE

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SHEET NO.			COUNTY REVIEW			PROJECT:		No.		REVISION		BY APP.		DATE		Civil Engineering • Water Resources • Traffic Engineering					
C-2			DEPARTMENT			SIGN-OFF			DATE			NUCLEAR MUSEUM ALBUQUERQUE			PROJECT: 22-222 FILE: 222 GRADE DATE: 12-12-22 SCALE:		DESIGNED BY: PLB DRAWN BY: PLB CHECKED BY: M.E.W. AS NOTED		W•E Walker Engineering 905 Camino Sierra Vista, • Santa Fe, NM 87505 505-820-7990 FAX 505-820-3539 E-MAIL civil@walkerengineering.net		
			LAND USE PLANNER																		
			PUBLIC WORKS DIRECTOR																		
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