

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

January 30, 2023

Robert Fierro, PE
Fierro & Company, LLC
3201 4th St., Suite C
Albuquerque, NM 87107

**RE: COA Pino Yards New Salt Storage Dome
5501 Pino Ave. NE
Grading and Drainage Plan
Engineer's Stamp Date: 1/30/2023
Hydrology File: D18D002D**

Dear Mr. Fierro:

Based upon the information provided in your submittal received 1/30/2023, the Grading & Drainage Plan is approved for Building Permit approval. 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:

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

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, 505-924-3420) 14 days prior to any earth disturbance.

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

Sincerely,

Tiequan Chen, P.E.
Principal Engineer, Hydrology
Planning Department, Development Review Services



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) _____

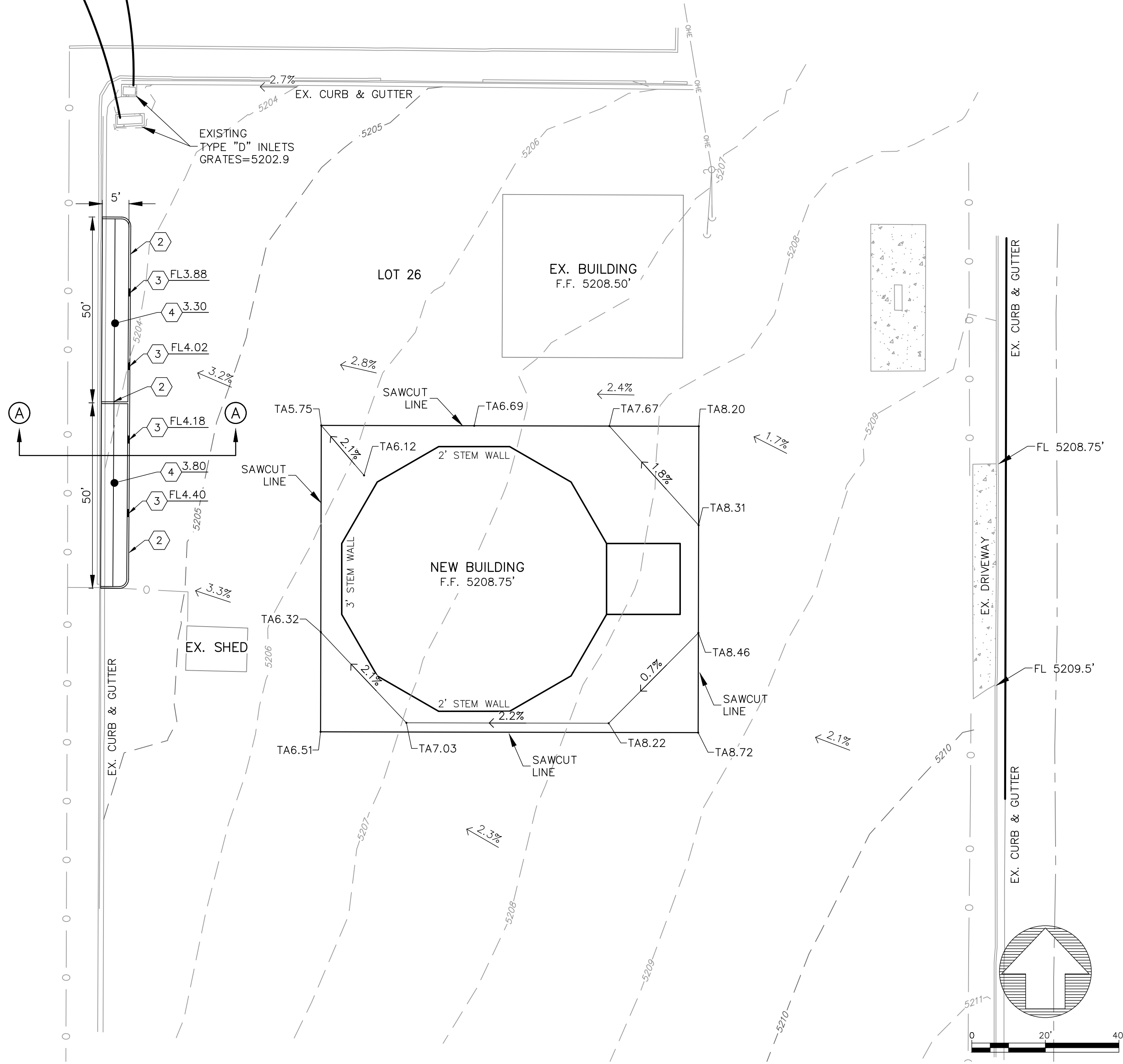
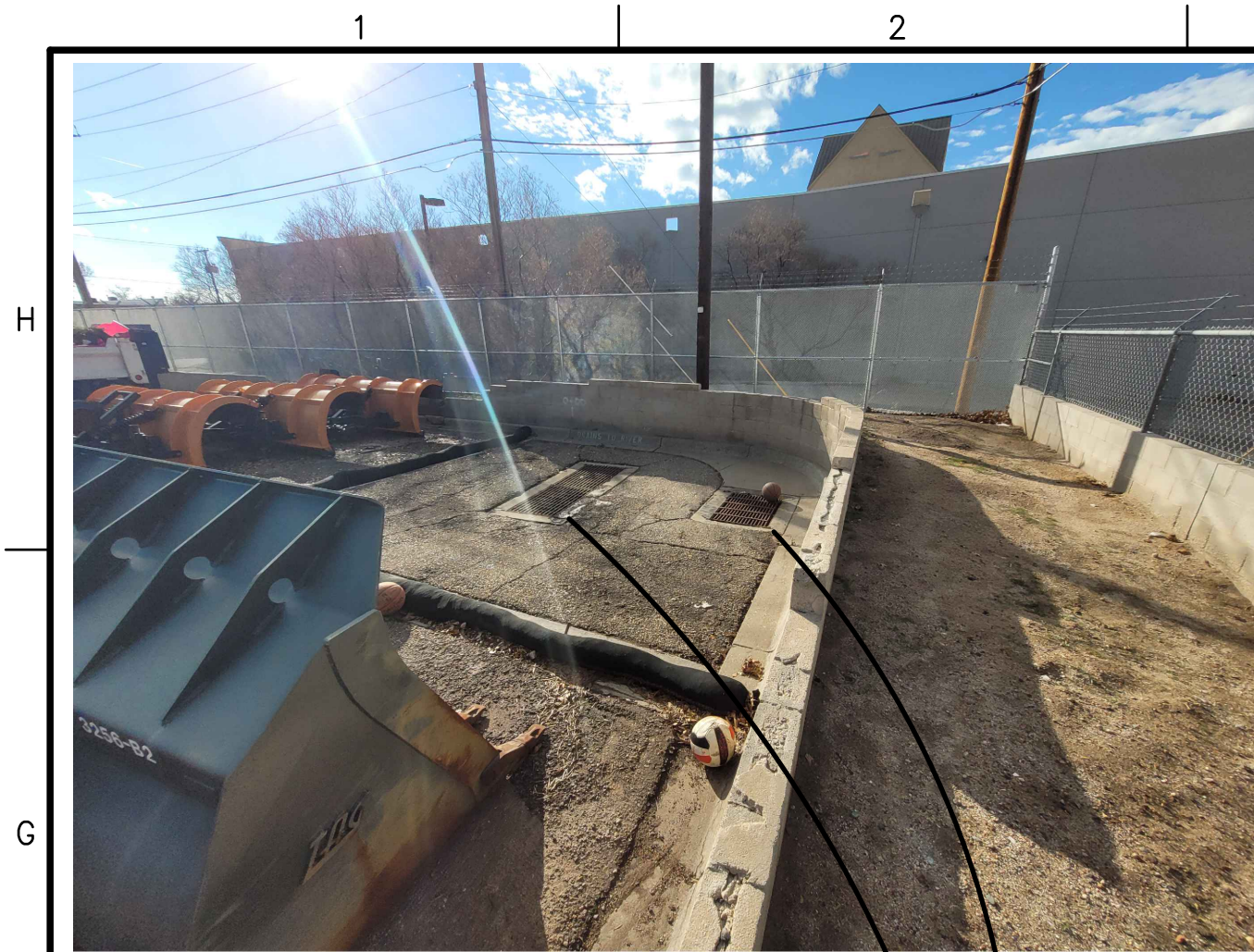
DATE SUBMITTED: _____ **By:** _____

COA STAFF:

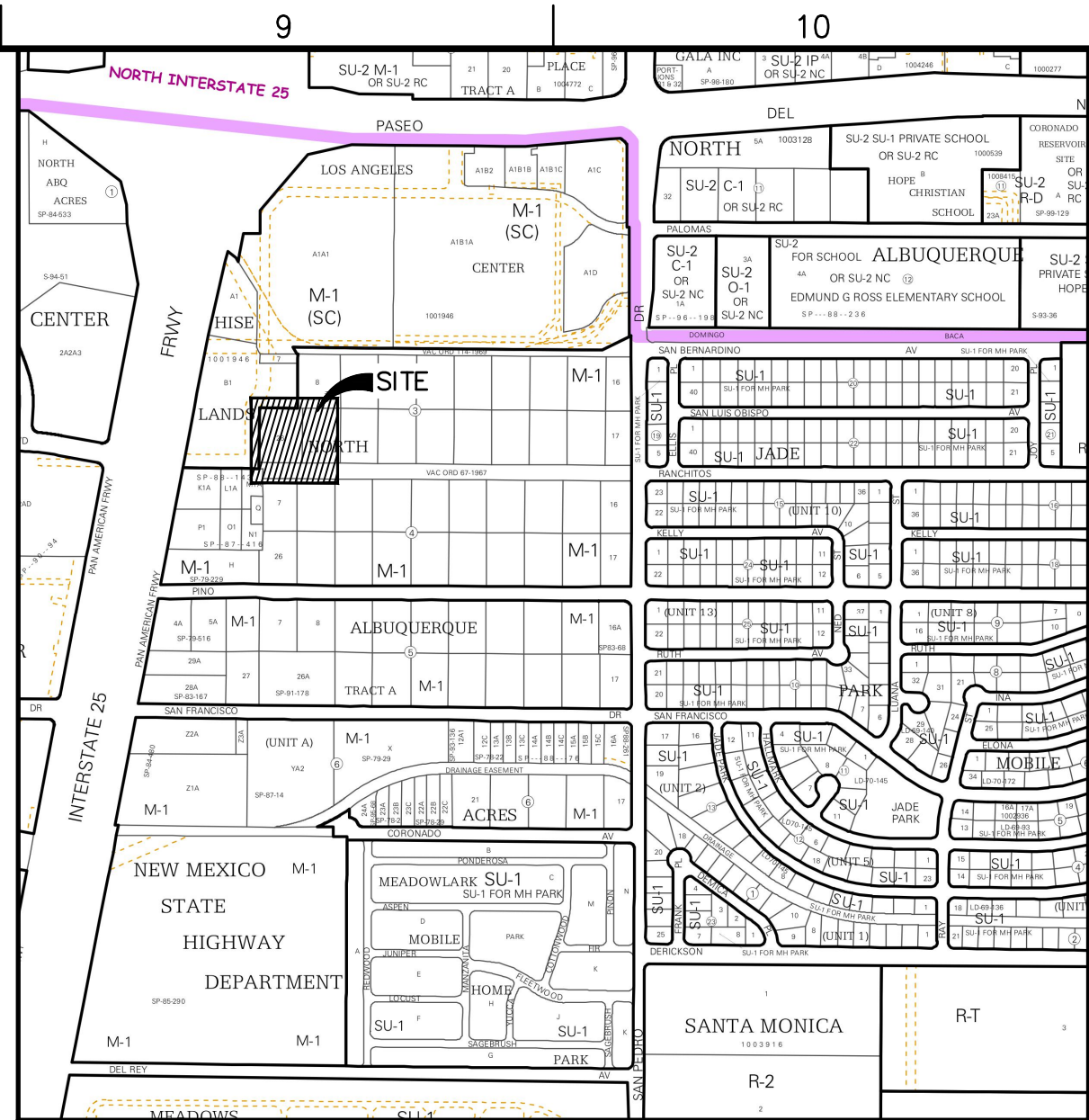
ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____

P:\2022\22104\CADD\SHEETS\22104-GRADING.dwg 1/30/2023 9:53:15 AM



- KEYED NOTES:**
- EXISTING ASPHALT.
 - CONSTRUCT 6" HEADER CURB
 - CONSTRUCT CURB OPENING PER DETAIL THIS SHEET.
 - CONSTRUCT STORM WATER QUALITY POND. VOL. 250 CU. FT. REFER TO PLAN FOR BOTTOM OF POND ELEVATION.



LOCATION MAP
ZONE ATLAS MAP: D-18-Z

GENERAL GRADING NOTES:

- THE CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES SHOWN AND COORDINATE WITH ALL UTILITY OWNERS PRIOR TO ANY EXCAVATION.
- THE CONTRACTOR SHALL LIMIT DISTURBANCE OF NATIVE VEGETATION TO A MINIMUM.
- THIS PLAN RECOMMENDS POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES TO PROHIBIT PONDING OF RUNOFF WHICH MAY CAUSE STRUCTURAL SETTLEMENT. FUTURE ALTERATION OF GRADES ADJACENT TO THE PROPOSED STRUCTURES IS NOT RECOMMENDED.
- PERFORM GRADING AND EXCAVATION WORK IN COMPLIANCE WITH APPLICABLE SPECIFICATIONS, REQUIREMENTS, CODES AND ORDINANCES OF CITY OF ALBUQUERQUE, NEW MEXICO.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF OR OBTAINING EXCESS CUT OR FILL MATERIAL REQUIRED FOR FINAL GRADE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING AND COORDINATING WITH NEW MEXICO ONE CALL PRIOR EXCAVATION.
- CLEAR AND GRUBBING PER NM APWA SECTION 201 SPECIFICATION.
- SPOT ELEVATIONS ARE TO FINISH GRADE UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL CONFINE THEIR WORK TO WITHIN THE CONSTRUCTION LIMITS AND/OR PUBLIC RIGHT-OF-WAY TO PRESERVE EXISTING VEGETATION, LANDSCAPING, AND PRIVATE PROPERTY. APPROVAL OF THESE PLANS DOES NOT GIVE OR IMPLY ANY PERMISSION TO TRESPASS OR WORK ON PRIVATE PROPERTY. PERMISSION MUST BE GRANTED IN WRITING BY THE OWNER OF THAT PROPERTY.
- CONTRACTOR TO CLEAN UP SEDIMENT AND DEBRIS ON THE STREET, WHICH IS CAUSED BY CONSTRUCTION, AT THE END OF EACH WORK DAY. TEMPORARY DIRT RAMPS ARE NOT TO BE LEFT IN STREETS OR NEAR CURB.

PROJECT INFORMATION

BENCHMARK
CITY OF ALBUQUERQUE SURVEY MONUMENT: ACS BM, ZAB-B
NORTHING: 1519518.103 (NM SPC, CENTRAL ZONE, NAD 1983)
EASTING: 1540960.37 (NM SPC, CENTRAL ZONE, NAD 1983)
ELEVATION: 5195.09' (NAVD 1988, U.S. SURVEY FOOT)

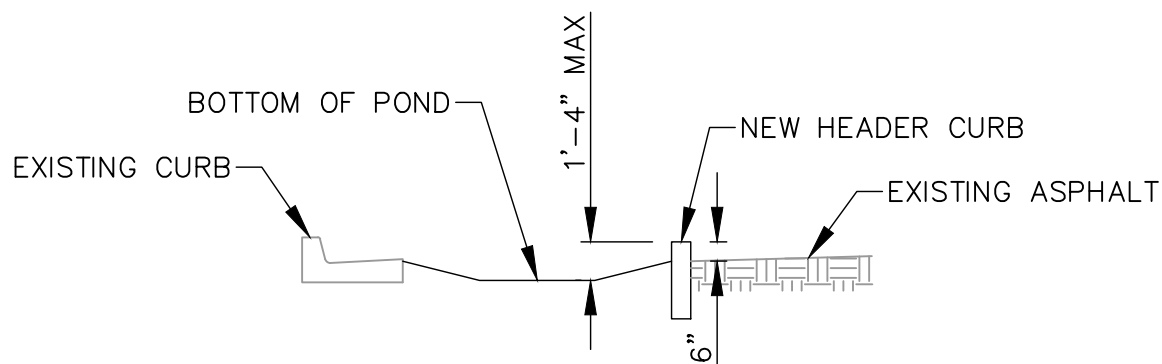
DESCRIPTION
NORTH ALBUQUERQUE ACRES, TRACT A, UNIT A, LOTS 8 THRU 26, BLOCK 3 & LOTS 7 THRU 26 BLOCK 4.

FLOOD NOTE:
THIS PROPERTY LIES WITHIN FLOOD ZONE X WHICH IS DEFINED AS AN AREA OF MINIMAL FLOOD HAZARD. AS DETERMINED BY F.E.M.A. AND SHOWN ON THE FLOOD INSURANCE RATE MAP DATED AUGUST 16, 2012, MAP NO. 35001C0137H.

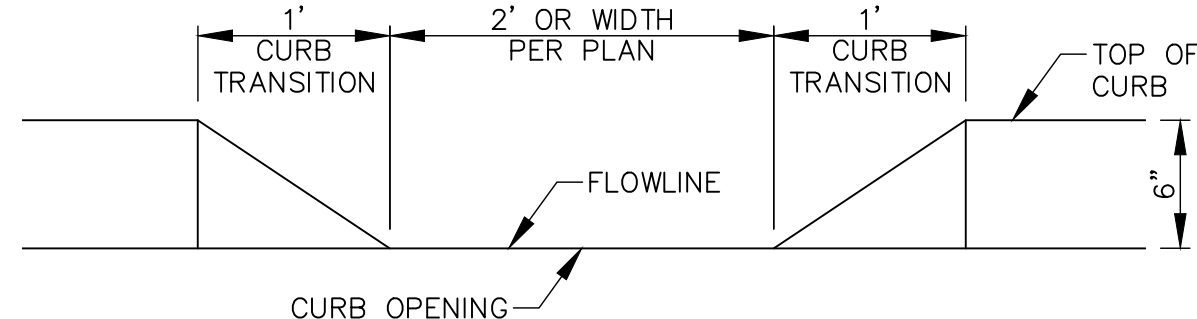
SURVEYOR INFORMATION
TOPOGRAPHIC SURVEY PERFORMED DECEMBER 2022.

LEGEND

- APPARENT PROPERTY BOUNDARY
- APPARENT ADJOINING PROPERTY LINE
- EXISTING FENCE
- EXISTING OVERHEAD ELECTRIC
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- TA26.29 TOP OF ASPHALT
- FL26.29 FLOW LINE
- EX. EXISTING
- EXISTING CONCRETE



SECTION "A-A"
SCALE: 1" = 5'



TYPICAL CURB OPENING DETAIL
SCALE: 1" = 1'

Fierro & Company

ENGINEERING | SURVEYING

3201 4th. STREET NW, SUITE C
ALBUQUERQUE, NEW MEXICO 87107
PH (505) 352-8930
www.fierrocompany.com

ROBERT J. FIERRO

2025

1-30-2023

Professional Engineer

CITY OF ALBUQUERQUE

NEW SALT STORAGE DOME

PINO YARDS

5501 PINO AVE. N.E.

ALBUQUERQUE, NM 87109

PROJECT NAME

PROJECT NO. 22104

DESIGNED BY: RJF

DRAWN BY: JB

CHECKED BY: RJF

DATE: JANUARY 2023

SHEET TITLE

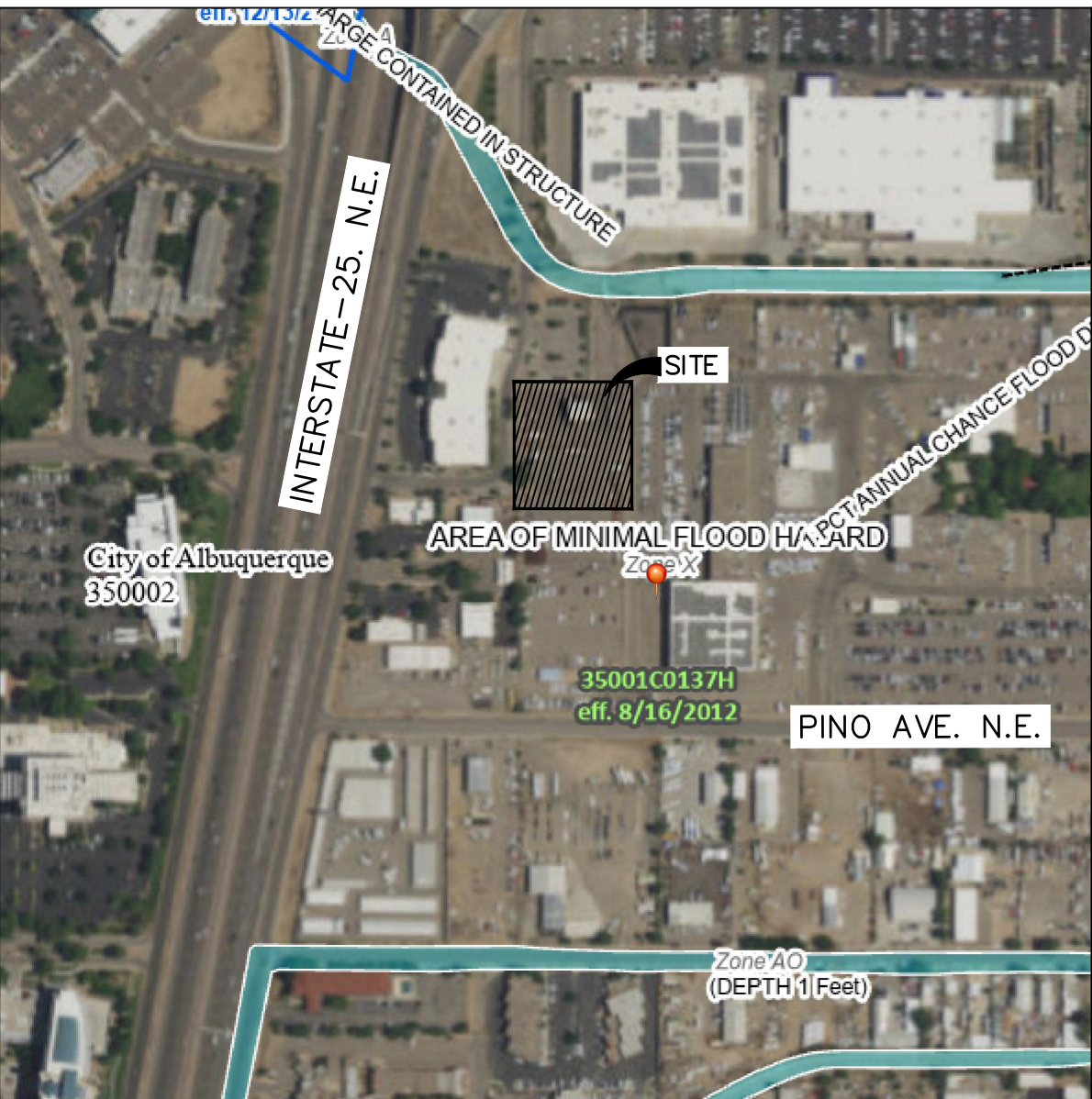
GRADING PLAN

SHEET NO. C-1



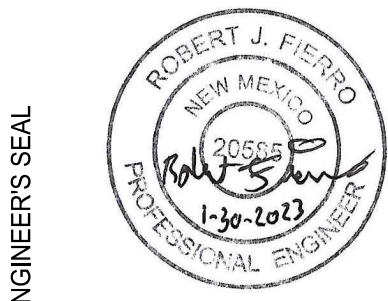
	(sq.ft.)	(acres)	A	B	C	D	Weighted =	(cfs)	(ac-ft)	(ac-ft)
100	71,000	1.6255	0.0	0.0	17.0	0.0	0.000	7.0	0.017	0.000

A = 500 SQ.FT. X 0.5 FT. = 250 CU.FT.



FC
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PINO YARDS
5501 PINO AVE. N.E.
ALBUQUERQUE, NM 87109

Methodology

Hydrologic procedures presented in the Hydrology Section of the DMP, Article 6-2(a), approved June 8, 2020 were followed. Precipitation Zone 3 data was used in the hydrologic computations.

Proposed Condition

A 4,500 sq.ft. building is proposed at Pino Yards. This building will store salt used to deice roads. The existing surface at the proposed building's footprint is asphalt; therefore, there will not be any increase in impervious area. The drainage pattern will not be altered. The first flush volume will be stored via a depressed pond enclosed by curb.

DRAINAGE REPORT

LEGEND

	PROPERTY BOUNDARY
	FLOW PATH
	SURFACE DRAINAGE
	EXISTING STORM DRAIN
	PROPOSED BASIN
	EXISTING BASIN

PROJECT NO:	22104
DESIGNED BY:	RJF
DRAWN BY:	JB
CHECKED BY:	RJF
DATE:	JANUARY 2023

SHEET TITLE

DRAINAGE
PLAN

SHEET NO: **D-1**

robertfierro@fierrocompany.com

From: Villanueva, Anthony V. <avillanueva@cabq.gov>
Sent: Monday, January 30, 2023 9:01 AM
To: 'robertfierro@fierrocompany.com'; rlong@facilitybuild.com
Subject: RE: Salt Dome Multi-Sector General Permit

Good morning,

Spoke to Shellie and we already have a permit and the coverage is there

From: robertfierro@fierrocompany.com <robertfierro@fierrocompany.com>
Sent: Monday, January 30, 2023 7:17 AM
To: rlong@facilitybuild.com
Cc: Villanueva, Anthony V. <avillanueva@cabq.gov>
Subject: Salt Dome Multi-Sector General Permit

[EXTERNAL] Forward to phishing@cabq.gov and delete if an email causes any concern.

Good morning,

The City Hydrology's department is asking us to contact Shellie Eaton at the DMD to see if we need a Muti-Sector General Permit (MSGP). I called last week and let her a message. I don't believe she has called me back.

Can you reach out to Shellie at 505-768-2774 to find out if we need a MSGP? I'll try again late this morning.

Robert J. Fierro, PE, PS
Principal Engineer and Surveyor
Fierro & Company
[505-352-8930 \(office\)](tel:505-352-8930) | [505-503-9546 \(cell\)](tel:505-503-9546)
<http://www.fierrocompany.com>