

STRUCTURE	SQUARE FOOTAGE	DESCRIPTION
NEW ARSENIC TREATMENT BUILDING	5900	HOUSES ARSENIC TREATMENT SYSTEM
NEW SODIUM HYPOCHLORITE (SHC) BUILDING AND BRINE TANK STORAGE ROOM	520	HOUSES SODIUM HYPOCHLORITE GENERATION SYSTEM AND CHEMICAL STORAGE TANKS
CARBONIC ACID INJECTION BUILDING	130	HOUSES CARBONIC ACID INJECTION SYSYEM
CHLORINE ANALYZER ROOM	150	HOUSES CHLORINE ANALYZERS
VOLCANO CLIFFS RESERVOIR NO.1	N/A	32' HIGH ENCLOSED WATER TANK
VOLCANO CLIFFS RESERVOIR NO.2	N/A	32' HIGH ENCLOSED WATER TANK

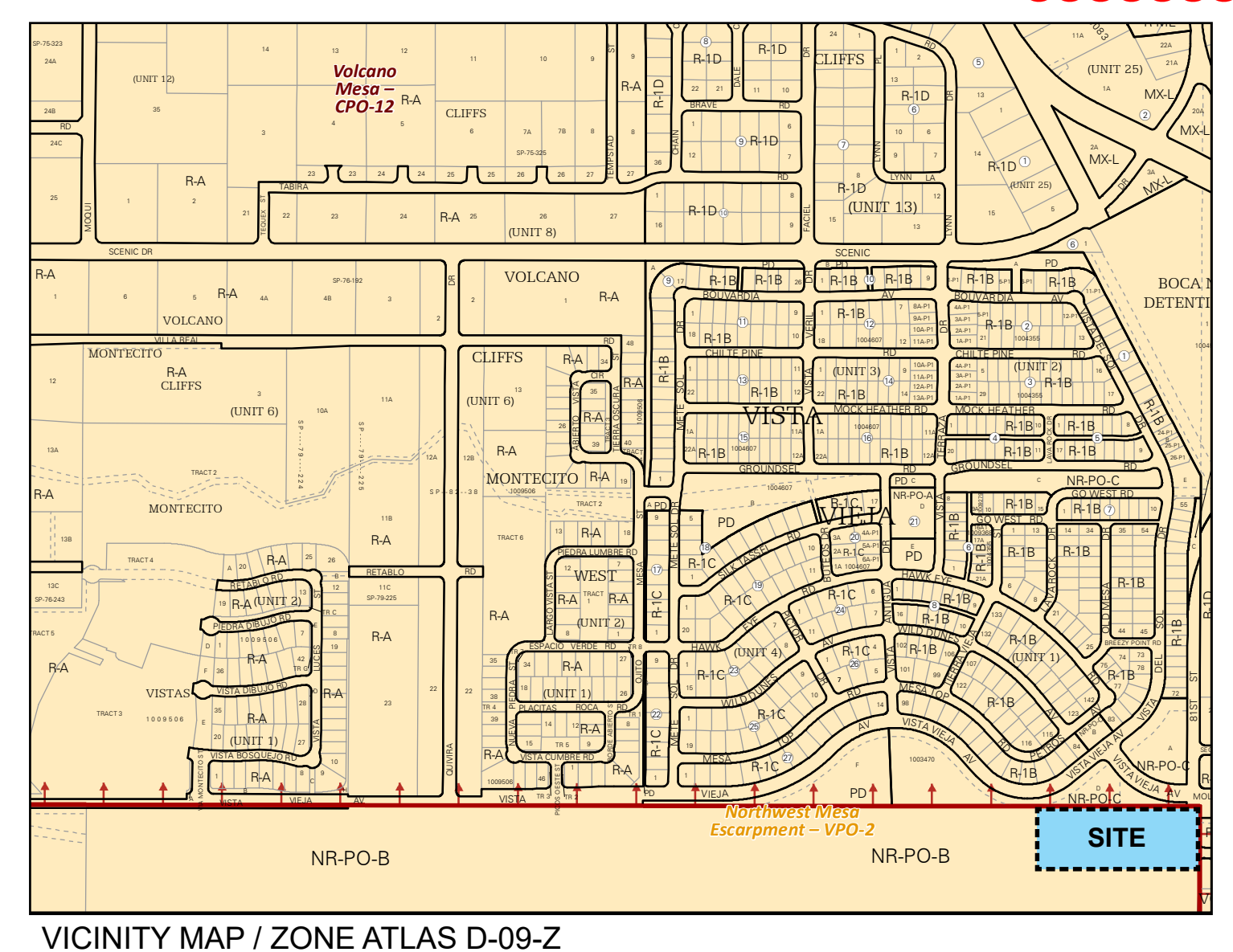
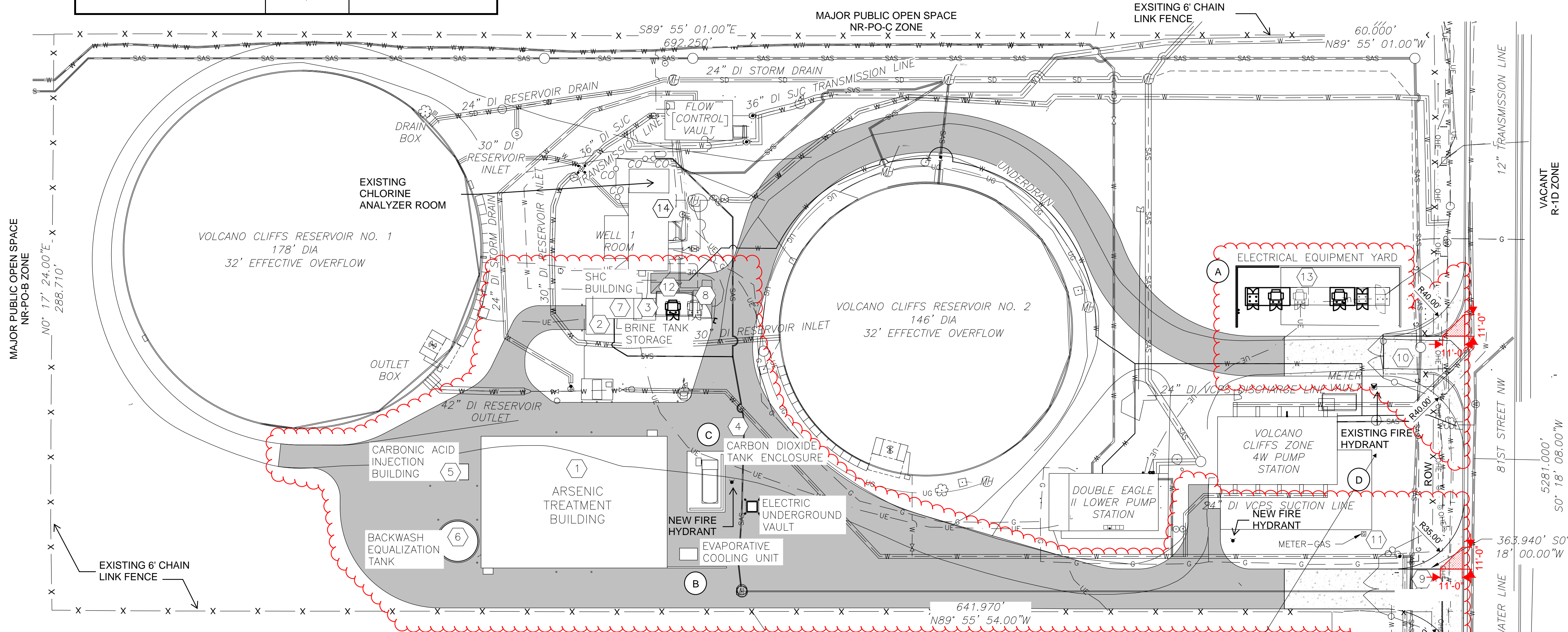
ENCLOSURE/ SCREEN WALLS	HEIGHT	LENGTH	MATERIAL	COLOR
(A) EXISTING ELECTRIC YARD EXTENSION	6'	60'	8" CMU BLOCK WALL	RED/BROWN (MATCH EXISTING COLOR)
(B) EVAPORATIVE COOLER	8'-10"	29'-8 1/2"	12" CMU BLOCK WALL	RED/BROWN (MATCH EXISTING COLOR)
(C) CO2 TANK	9'-4"	44'-8"	12" CMU BLOCK WALL	RED/BROWN (MATCH EXISTING COLOR)
(D) EXISTING SURGE TANK (SEE PHOTO)	10'	140'	8" CMU BLOCK WALL	RED/BROWN

SITE DATA:

- SITE AREA AND LEGAL DESCRIPTION: 4.67-ACRE PORTION OF SECTION 28, TOWNSHIP 11 NORTH, RANGE 2 EAST
- ZONING OVERLAY: NORTHWEST MESA ESCARPMENT VPO-2
- EXISTING/PROPOSED LAND USE: UTILITY INFRASTRUCTURE INCLUDING WATER RESERVOIR, ARSENIC TREATMENT BUILDING, PUMP STATION, AND RELATED USES

- NOTES:
- NEW ARSENIC TREATMENT BUILDING
 - NEW FRP SODIUM HYPOCHLORITE (SHC)
 - NEW BRINE TANK STORAGE ROOM WITH BRINE TANK
 - NEW CARBON DIOXIDE STORAGE TANK AND WALL ENCLOSURE
 - NEW CARBONIC ACID INJECTION BUILDING.
 - NEW BACKWASH EQUALIZATION TANK
 - EXISTING SHC GENERATION BUILDING TO BE DEMOLISHED.
 - EXISTING SHC STORAGE VAULT TO BE DEMOLISHED.
 - CONSTRUCTION OF NEW CONCRETE DRIVEWAY AND ENTRANCE WITH NEW MANUAL ENTRANCE GATE.
 - RECONSTRUCTION OF EXISTING CONCRETE DRIVEWAY, RELOCATION OF EXISTING GATE AND FENCE.
 - RELOCATION OF GAS METER AND PIPING.
 - NEW PRIMARY TRANSFORMER.
 - NEW TRANSFORMERS AND PRIMARY FUSED SWITCHES.
 - NEW CHLORINE ANALYZERS AND BOOSTER PUMPS IN THE EXISTING ROOM.

- GENERAL NOTES**
- THIS SITE PLAN IS A MAJOR AMENDMENT TO THE SITE PLAN FOR BUILDING PERMIT (PROJECT #1002197; APPLICATION 03DRB-01648).
 - THE INTEGRATED DEVELOPMENT ORDINANCE (IDO) REQUIRES DEVELOPMENT WITHIN MAJOR PUBLIC OPEN SPACE ZONED PROPERTIES TO BE REVIEWED AND APPROVED BY THE ENVIRONMENTAL PLANNING COMMISSION (EPC).
 - THIS SITE PLAN IS IN ACCORDANCE WITH THE PERMANENT EASEMENT GRANTED BY THE CITY OF ALBUQUERQUE TO THE ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY FOR VOLCANO CLIFFS 81 & VISTA VIEJA WELL #1 SITE FOR THE "...CONSTRUCTION, INSTALLATION, MAINTENANCE, REPAIR, MODIFICATION, REPLACEMENT, AND OPERATION OF PUBLIC WATER AND SANITARY SEWER SYSTEM FACILITIES INCLUDING UNDERGROUND PIPELINES, WELLS, PUMP STATIONS, RESERVOIRS, AND ALL IMPROVEMENTS, FACILITIES, EQUIPMENT, AND APPURTENANCES NECESSARY FOR THE OPERATION OF THE WATER AUTHORITY'S WATER AND SANITARY SEWER SYSTEM ("FACILITY") TOGETHER WITH THE RIGHT TO REMOVE TREES, BUSHES, UNDERGROWTH AND ANY OTHER OBSTACLES UPON THE PROPERTY IF THE WATER AUTHORITY DETERMINES THEY INTERFERE WITH THE APPROPRIATE USE OF THIS EASEMENT." (DOC # 2018069239 08/07/2018)
 - THE SUBJECT PROPERTY WILL REMAIN FENCED, LOCKED, AND NOT OPEN TO THE PUBLIC.
 - LANDSCAPING, SIGNAGE, WALLS, FENCES, TREES, AND SHRUBBERY BETWEEN THREE (3) AND EIGHT FEET (8) TALL (AS MEASURED FROM GUTTER PLAN) ARE NOT ALLOWED WITHIN THE CLEAR SIGHT TRIANGLE
 - THE WATER AUTHORITY MUST MEET SECURITY REQUIREMENTS WITH THE PURPOSE OF PROTECTING CRITICAL DRINKING WATER SUPPLY, TREATMENT AND DISTRIBUTION SYSTEMS, INCLUDING RESERVOIR, PUMP STATION, WELL SITE, AND PLANT FACILITIES FROM SECURITY THREATS. ENSURING SECURE FACILITIES INCLUDES HAVING INTACT SECURITY FENCES, CLEAR LINE-OF-SITE THROUGH FENCES FOR OUR WATER AUTHORITY PERSONNEL, PROPER LIGHTING, AND MINIMAL LANDSCAPING THAT DOES NOT INTERFERE WITH OUR ABILITY TO OPERATE, MAINTAIN, AND SECURE OUR EQUIPMENT AND PIPING INSIDE (AND OUTSIDE) OUR FACILITIES.



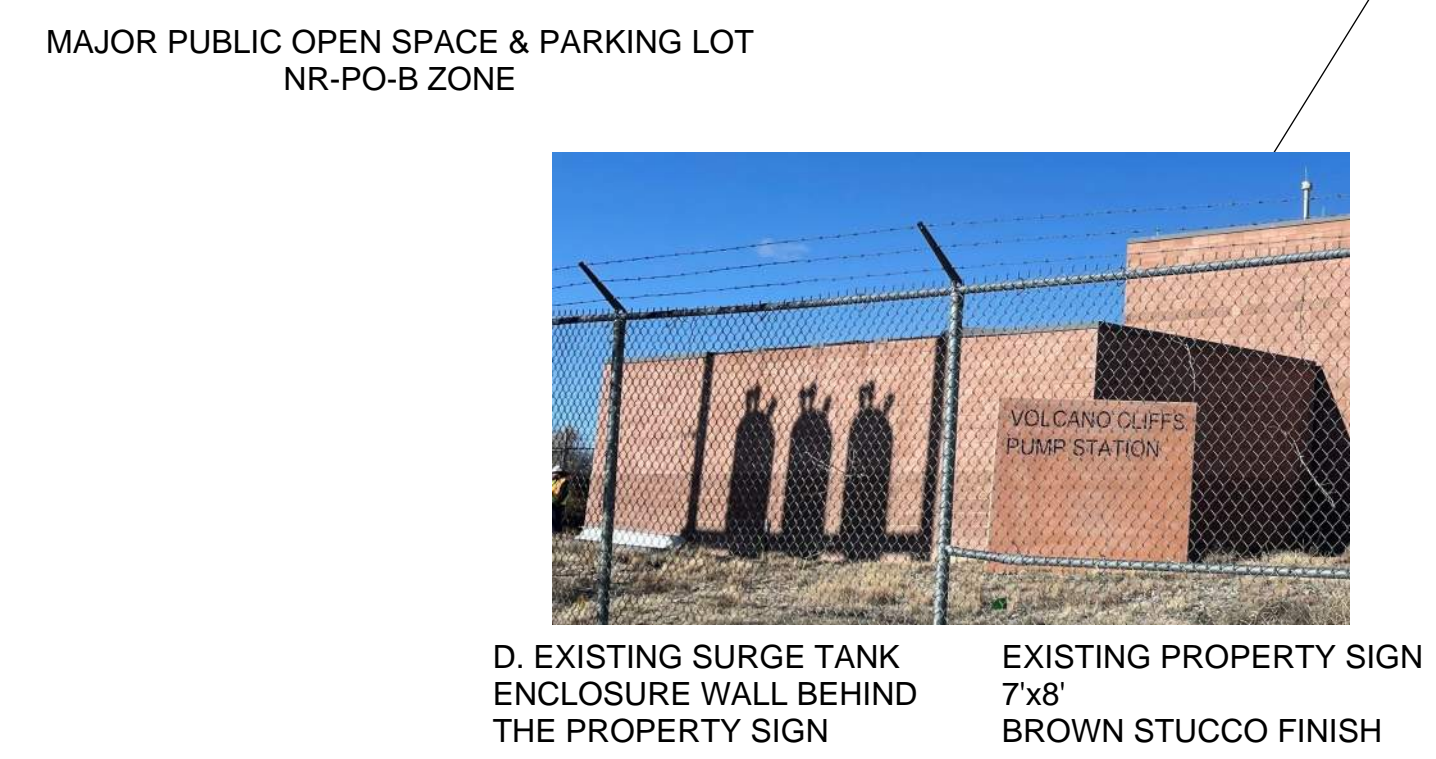
PROJECT NUMBER: PR-2023-008617
Application Number: SI-2023-00866

This plan is consistent with the specific Site Development Plan approved by the Environmental Planning Commission (EPC), dated June 15, 2023 and the Findings and Conditions in the Official Notification of Decision are satisfied.

Is an Infrastructure List required? () Yes (x) No If yes, then a set of approved DRC plans with a work order is required for any construction within Public Right-of-Way or for construction of public improvements.

DFT SITE DEVELOPMENT PLAN APPROVAL:

<i>Ernest Armijo</i>	Nov 2, 2023
Traffic Engineering, Transportation Division	Date
<i>John Galt</i>	Nov 27, 2023
ABCWUA	Date
<i>Walter Babin</i>	Nov 2, 2023
Parks and Recreation Department	Date
<i>Heather Cho</i>	Nov 2, 2023
Hydrology	Date
<i>Shi Pan</i>	Nov 2, 2023
Code Enforcement	Date
Not Applicable	Date
* Environmental Health Department (conditional)	Date
Not Applicable	Date
Solid Waste Management	Date
<i>[Signature]</i>	Nov 27, 2023
Planning Department	Date



SCALE: 1" = 30' ATTENTION 0 1/2" 1" GRAPHIC SCALE THIS BAR MEASURES 1" AT FULL SCALE (ANSI D)	SUBMITTED BY: CDM Smith 6001 Indian School Road, N.E. Suite 310 Albuquerque, New Mexico 87110 Tel: (505) 243-3200	ENGINEER'S SEAL <i>[Signature]</i> EGE E. RICHARDSON NEW MEXICO 16219 PROFESSIONAL ENGINEER 06-30-2023	TITLE: ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY VOLCANO CLIFFS ARSENIC TREATMENT FACILITY AND PUMP STATION UPGRADES PROJECT OVERVIEW
WATER AUTHORITY CONSTRUCTION PROJECT NO. 2822.0		ZONE MAP NO. D-09-Z	SHEET 1 of 8

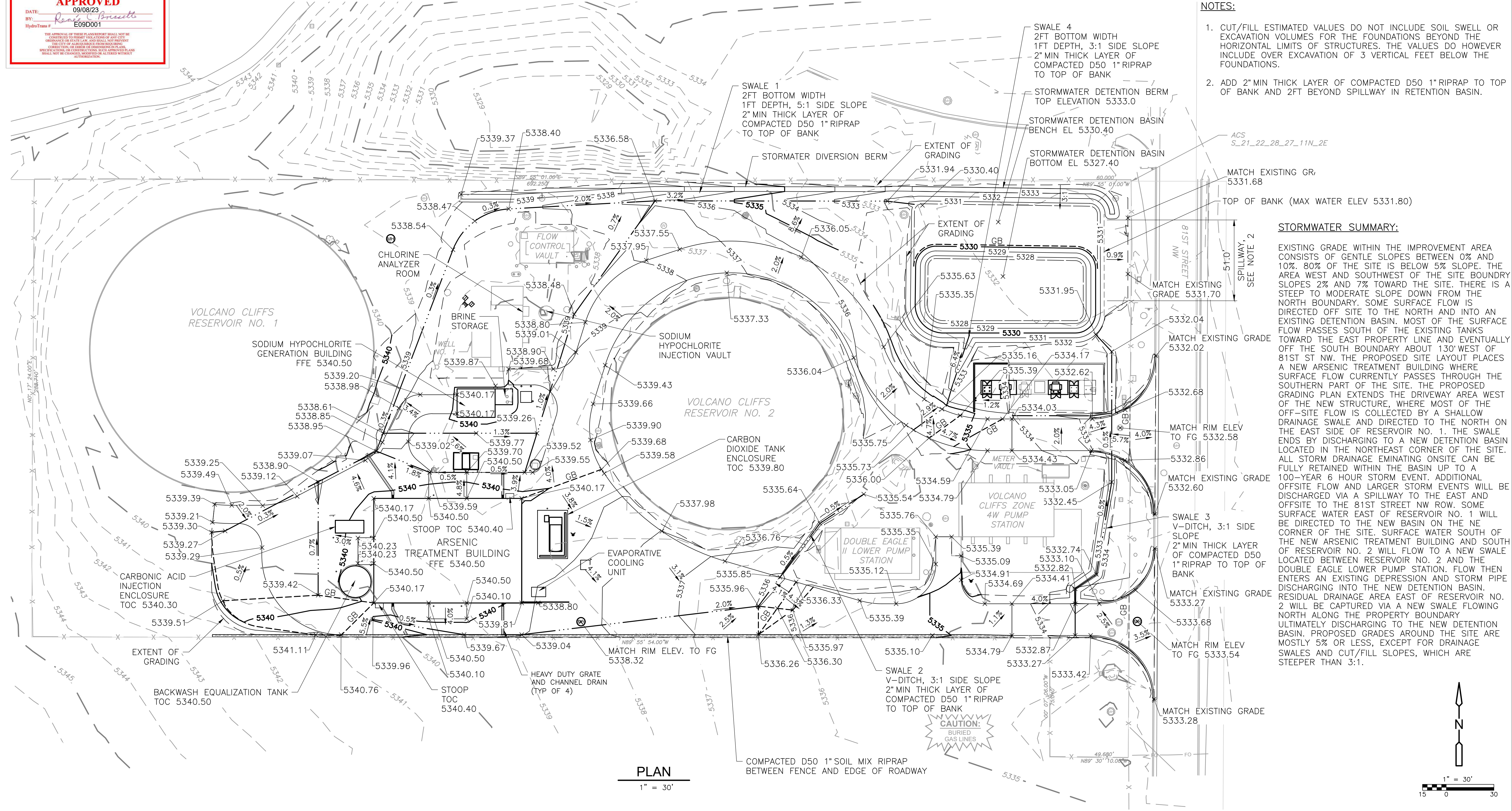
City of Albuquerque
 Planning Department
 Development Review Services
HYDROLOGY SECTION
APPROVED
 DATE: 09/08/23
 BY: *Randy C. Brissett*
 HydroTrans # E09D001

THE APPROVAL OF THESE PLANS DOES NOT constitute a warranty or representation of any kind, and shall not be construed to prevent the City of Albuquerque from exercising its authority to suspend, modify, or amend its rules, regulations, or standards, or to take any action that may be necessary to protect the health, safety, or welfare of the community.

CUT/FILL SUMMARY				
NAME	2D AREA	CUT	FILL	NET
CUT AND FILL VOLUME	93,788 SQ FT	2798 CU YD	642 CU YD	2156 CU YD<CUT>

NOTES:

- CUT/FILL ESTIMATED VALUES DO NOT INCLUDE SOIL SWELL OR EXCAVATION VOLUMES FOR THE FOUNDATIONS BEYOND THE HORIZONTAL LIMITS OF STRUCTURES. THE VALUES DO HOWEVER INCLUDE OVER EXCAVATION OF 3 VERTICAL FEET BELOW THE FOUNDATIONS.
- ADD 2" MIN THICK LAYER OF COMPACTED D50 1" RIPRAP TO TOP OF BANK AND 2FT BEYOND SPILLWAY IN RETENTION BASIN.



STORMWATER SUMMARY:

EXISTING GRADE WITHIN THE IMPROVEMENT AREA CONSISTS OF GENTLE SLOPES BETWEEN 0% AND 10%. 80% OF THE SITE IS BELOW 5% SLOPE. THE AREA WEST AND SOUTHWEST OF THE SITE BOUNDARY SLOPES 2% AND 7% TOWARD THE SITE. THERE IS A STEEP TO MODERATE SLOPE DOWN FROM THE NORTH BOUNDARY. SOME SURFACE FLOW IS DIRECTED OFF SITE TO THE NORTH AND INTO AN EXISTING DETENTION BASIN. MOST OF THE SURFACE FLOW PASSES SOUTH OF THE EXISTING TANKS TOWARD THE EAST PROPERTY LINE AND EVENTUALLY OFF THE SOUTH BOUNDARY ABOUT 130' WEST OF 81ST ST NW. THE PROPOSED SITE LAYOUT PLACES A NEW ARSENIC TREATMENT BUILDING WHERE SURFACE FLOW CURRENTLY PASSES THROUGH THE SOUTHERN PART OF THE SITE. THE PROPOSED GRADING PLAN EXTENDS THE DRIVEWAY AREA WEST OF THE NEW STRUCTURE, WHERE MOST OF THE OFF-SITE FLOW IS COLLECTED BY A SHALLOW DRAINAGE SWALE AND DIRECTED TO THE NORTH ON THE EAST SIDE OF RESERVOIR NO. 1. THE SWALE ENDS BY DISCHARGING TO A NEW DETENTION BASIN LOCATED IN THE NORTHEAST CORNER OF THE SITE. ALL STORM DRAINAGE EMANATING ONSITE CAN BE FULLY RETAINED WITHIN THE BASIN UP TO A 100-YEAR 6 HOUR STORM EVENT. ADDITIONAL OFFSITE FLOW AND LARGER STORM EVENTS WILL BE DISCHARGED VIA A SPILLWAY TO THE EAST AND OFFSITE TO THE 81ST STREET NW ROW. SOME SURFACE WATER EAST OF RESERVOIR NO. 1 WILL BE DIRECTED TO THE NEW BASIN ON THE NE CORNER OF THE SITE. SURFACE WATER SOUTH OF THE NEW ARSENIC TREATMENT BUILDING AND SOUTH OF RESERVOIR NO. 2 WILL FLOW TO A NEW SWALE LOCATED BETWEEN RESERVOIR NO. 2 AND THE DOUBLE EAGLE LOWER PUMP STATION. FLOW THEN ENTERS AN EXISTING DEPRESSION AND STORM PIPE DISCHARGING INTO THE NEW DETENTION BASIN. RESIDUAL DRAINAGE AREA EAST OF RESERVOIR NO. 2 WILL BE CAPTURED VIA A NEW SWALE FLOWING NORTH ALONG THE PROPERTY BOUNDARY ULTIMATELY DISCHARGING TO THE NEW DETENTION BASIN. PROPOSED GRADES AROUND THE SITE ARE MOSTLY 5% OR LESS, EXCEPT FOR DRAINAGE SWALES AND CUT/FILL SLOPES, WHICH ARE STEEPER THAN 3:1.

PLAN
1" = 30'

THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

NO.	DATE	REVISION NO. & DESCRIPTION	BY
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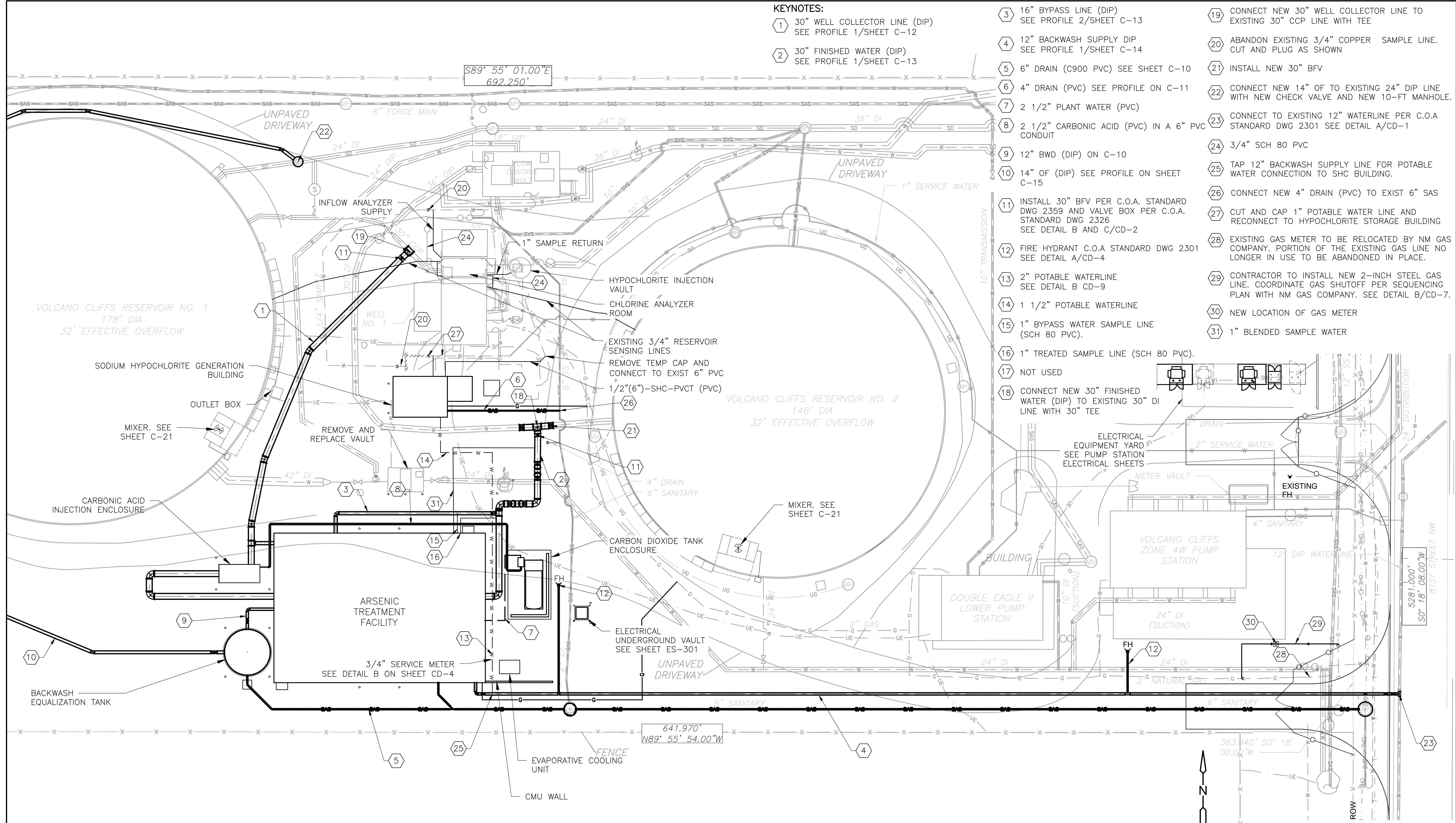
SCALE:		DESIGN TRACKING		SUBMITTED BY:		AS BUILT INFORMATION		ENGINEER'S SEAL	
1" = 30'		DESIGNED BY:	M. WAINWRIGHT	DATE:	8/31/2023	CONTRACTOR	COMPANY NAME		
ATTENTION		DRAWN BY:	M. WAINWRIGHT	DATE:	8/31/2023	CONSTRUCTION	MMM. YYYY		
0 1/2" 1"		CHECKED BY:	P. TAURASI	DATE:	8/31/2023	INSPECTOR'S	COMPANY NAME		
GRAPHIC SCALE		CROSS CHK'D BY:	J. YOSHIMURA	DATE:	8/31/2023	INSPECTOR'S	NAME		
THIS BAR MEASURES 1" AT FULL SCALE (ANSI D)		APPROVED BY:	E. RICHARDSON	DATE:	8/31/2023	SUBSTANTIAL	COMPLETION DATE		
		MAPS/RECORDS INFO.				DRAWINGS	CORRECTED BY		
						COMPANY NAME	DATE	MMM. YYYY	

ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY			
TITLE: VOLCANO CLIFFS ARSENIC TREATMENT FACILITY AND PUMP STATION UPGRADES GRADING PLAN			
WATER AUTHORITY CONSTRUCTION PROJECT NO.	2822.0	ZONE MAP NO.	D-09-Z
SHEET	C-8		

FOR PERMITTING ONLY

XREFS: [Volcano Cliffs Boundary, CEPO00ST, ABCVUUA_22.04, CWP001ST, XX-Elec Site Plan - For CDM, EGE RICHARDSON, NML STAMP] Images: []
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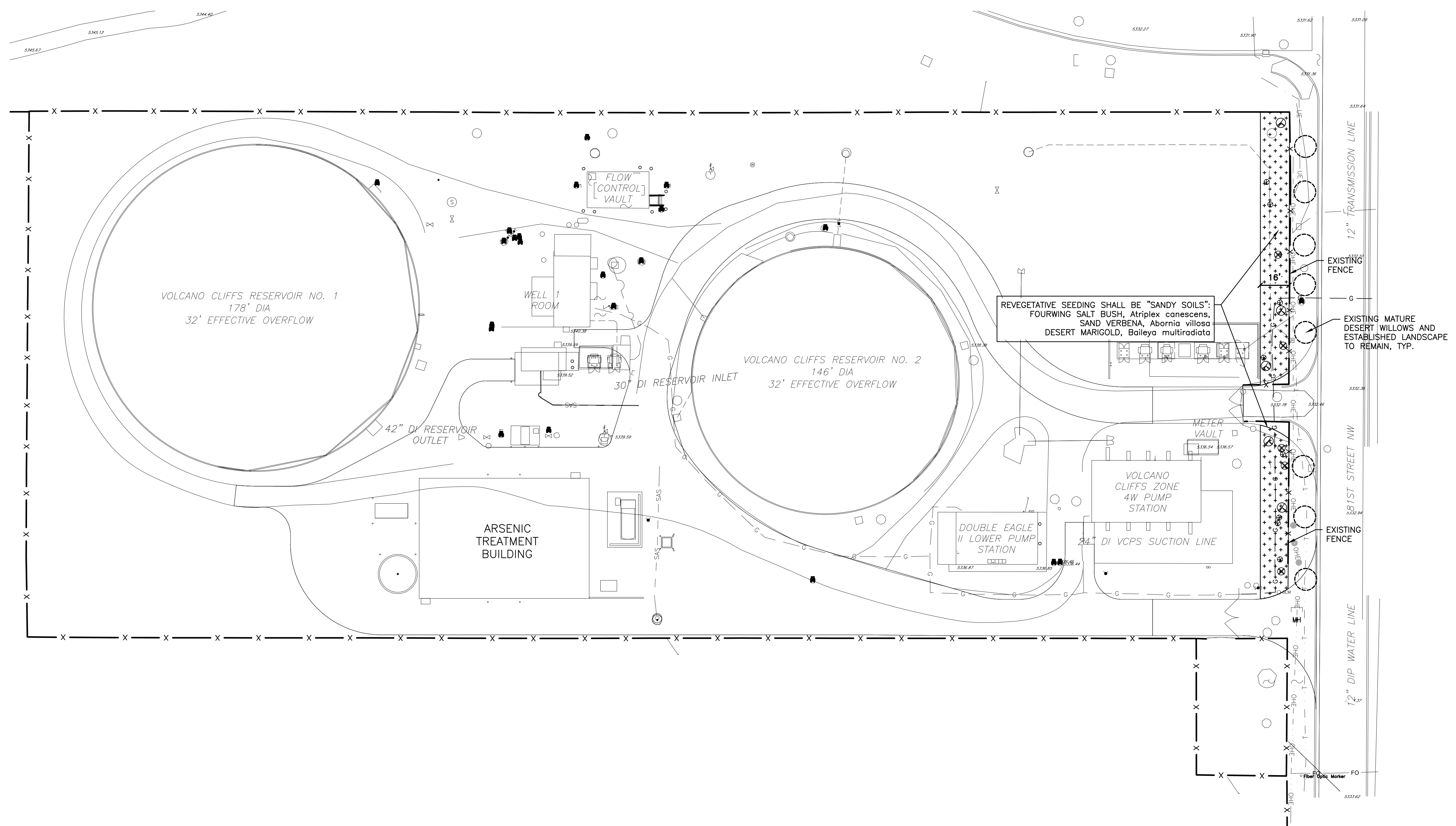


- KEYNOTES:**
- 1 30" WELL COLLECTOR LINE (DIP) SEE PROFILE 1/SHEET C-12
 - 2 30" FINISHED WATER (DIP) SEE PROFILE 1/SHEET C-13
 - 3 16" BYPASS LINE (DIP) SEE PROFILE 2/SHEET C-13
 - 4 12" BACKWASH SUPPLY DIP SEE PROFILE 1/SHEET C-14
 - 5 6" DRAIN (C900 PVC) SEE SHEET C-10
 - 6 4" DRAIN (PVC) SEE PROFILE ON C-11
 - 7 2 1/2" PLANT WATER (PVC)
 - 8 2 1/2" CARBONIC ACID (PVC) IN A 6" PVC CONDUIT
 - 9 12" BWD (DIP) ON C-10
 - 10 14" OF (DIP) SEE PROFILE ON SHEET C-15
 - 11 INSTALL 30" BFD PER C.O.A. STANDARD DWG 2359 AND VALVE BOX PER C.O.A. STANDARD DWG 2326 SEE DETAIL B AND C/CD-2
 - 12 FIRE HYDRANT C.O.A STANDARD DWG 2301 SEE DETAIL A/CD-4
 - 13 2" POTABLE WATERLINE SEE DETAIL B CD-9
 - 14 1 1/2" POTABLE WATERLINE
 - 15 1" BYPASS WATER SAMPLE LINE (SCH 80 PVC).
 - 16 1" TREATED SAMPLE LINE (SCH 80 PVC).
 - 17 NOT USED
 - 18 CONNECT NEW 30" FINISHED WATER (DIP) TO EXISTING 30" DI LINE WITH 30" TEE
 - 19 CONNECT NEW 30" WELL COLLECTOR LINE TO EXISTING 30" CCP LINE WITH TEE
 - 20 ABANDON EXISTING 3/4" COPPER SAMPLE LINE. CUT AND PLUG AS SHOWN
 - 21 INSTALL NEW 30" BFD
 - 22 CONNECT NEW 14" OF TO EXISTING 24" DIP LINE WITH NEW CHECK VALVE AND NEW 10-FT MANHOLE.
 - 23 CONNECT TO EXISTING 12" WATERLINE PER C.O.A STANDARD DWG 2301 SEE DETAIL A/CD-1
 - 24 3/4" SCH 80 PVC
 - 25 TAP 12" BACKWASH SUPPLY LINE FOR POTABLE WATER CONNECTION TO SHC BUILDING.
 - 26 CONNECT NEW 4" DRAIN (PVC) TO EXIST 6" SAS
 - 27 CUT AND CAP 1" POTABLE WATER LINE AND RECONNECT TO HYPOCHLORITE STORAGE BUILDING
 - 28 EXISTING GAS METER TO BE RELOCATED BY NM GAS COMPANY. PORTION OF THE EXISTING GAS LINE NO LONGER IN USE TO BE ABANDONED IN PLACE.
 - 29 CONTRACTOR TO INSTALL NEW 2-INCH STEEL GAS LINE. COORDINATE GAS SHUTOFF PER SEQUENCING PLAN WITH NM GAS COMPANY. SEE DETAIL B/CD-7.
 - 30 NEW LOCATION OF GAS METER
 - 31 1" BLENDED SAMPLE WATER

PLAN
1" = 20'

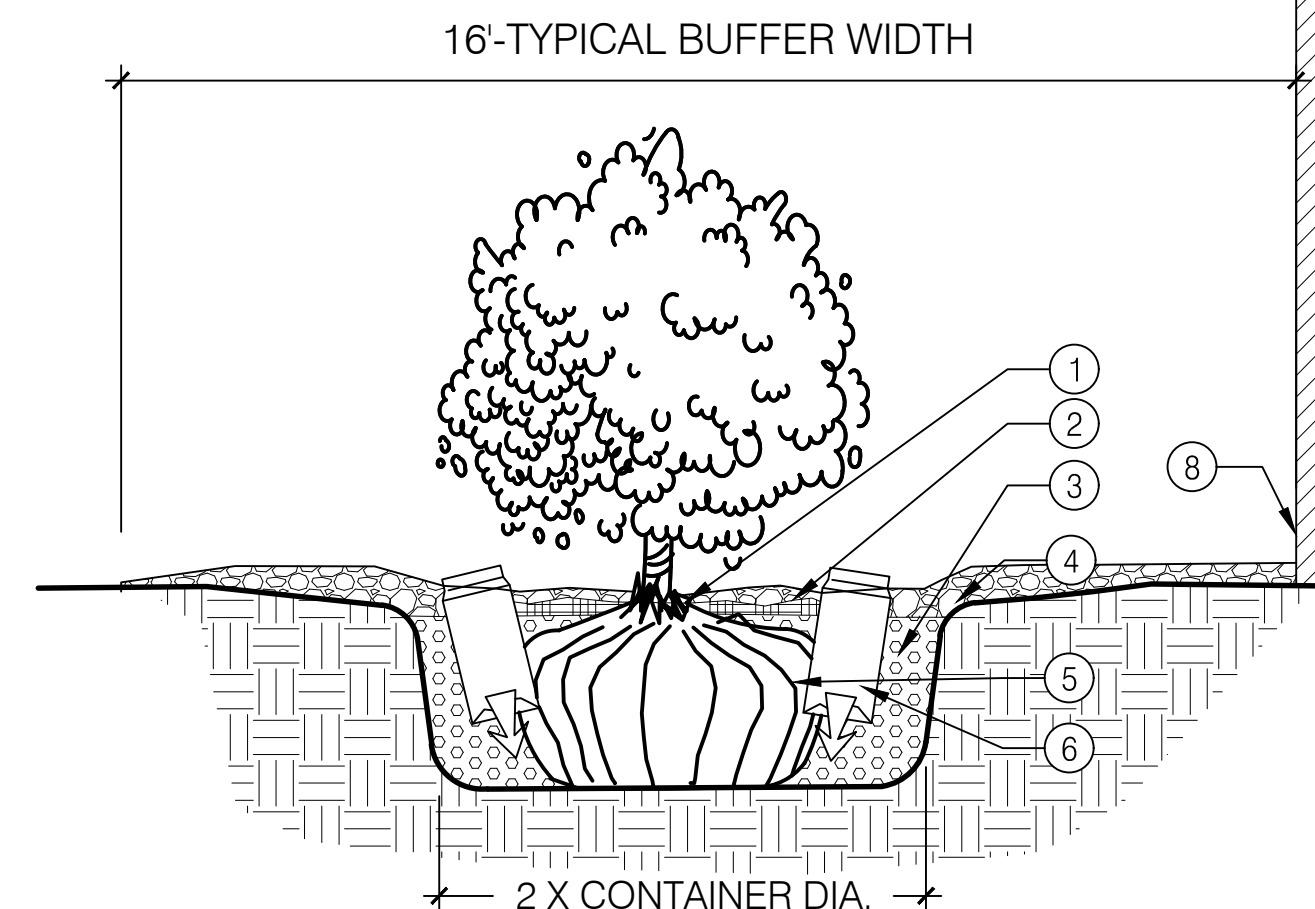
SCALE: 	SUBMITTED BY: CDM Smith	ENGINEER'S SEAL: 	ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY	
TITLE: VOLCANO CLIFFS ARSENIC TREATMENT FACILITY AND PUMP STATION UPGRADES UTILITY PLAN			WATER AUTHORITY CONSTRUCTION PROJECT NO. 2822.0	ZONE MAP NO. D-09-Z
			SHEET 3 of 8	

NOT FOR CONSTRUCTION - FOR PERMIT ONLY



GENERAL LANDSCAPE NOTES:

- NEW SHRUBS SHALL BE HAND WATERED UNTIL ESTABLISHED (APPROXIMATELY ONE GROWING SEASON) MINIMUM OF 5 GALLONS PER LARGE SHRUB AND 2 GALLONS PER MEDIUM SHRUB.
 - ONCE A WEEK IN MARCH
 - TWICE A WEEK IN APRIL AND MAY
 - THREE TIMES A WEEK IN JUNE, JULY AND AUGUST
 - TWICE A WEEK IN SEPTEMBER AND OCTOBER
 - ONCE A WEEK IN NOVEMBER



- PLANT SHRUB ROOT COLLAR 1"-2" ABOVE FINISH GRADE
- WATER RETENTION BASIN - 3" LAYER OF SHREDDED BARK MULCH. THE WATER RETENTION BASIN SHALL BE TWICE THE PLANTING PIT DIAMETER. THE EDGES OF THE WATER RETENTION BASIN SHALL BE SMOOTHLY FORMED WITH NO OBTRUSIVE EDGES.
- AMENDED BACKFILL - WATER AND TAMP TO REMOVE AIR POCKETS
- 2" LAYER OF ROCK MULCH - SEE PLANTING PLAN
- ROOTBALL
- RAIN BIRD IS-QT. OR PRE APPROVED EQUAL. FOR 2'-3' PLANTS (4) CARTONS EACH PLANT, FOR 4'-5' PLANTS (6) CARTONS PER PLANTING.
- NOT USED.
- EXISTING FENCE. CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE EXISTING FENCE; ANY DAMAGE WILL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.

PLANT LEGEND

QTY.	SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	MATURE SIZE	WATER USE
SHRUBS:						
5	⊗	ARTEMISA FILIFOLIA	SAND SAGE	5-GAL	4' HT. X 4' SPR.	LOW
5	⊗	ERICAMERIA NAUSEOSA	CHAMISA	5-GAL	4' HT. X 5' SPR.	LOW
8	⊗	FALLUGIA PARADOXA	APACHE PLUME	5-GAL	3' HT. X 3' SPR.	LOW

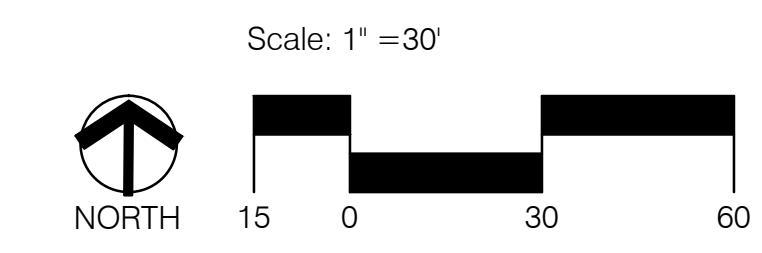
SEEDING

3,725 REVEGETATIVE SEEDING; 'SANDY SOILS' SEED MIX, (SEE NOTE ON PLANTING PLAN). PREP SEEDING AREA BY TILLING 4" DEEP, SPREAD SEED AND TOP WITH 2" DEPTH 3/4"-1" BROWN GRAVEL MULCH.

ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES TO BE DRILL SEEDED AND HYDRO-MULCHED TO THE EXTENTS OF DISTURBANCE.

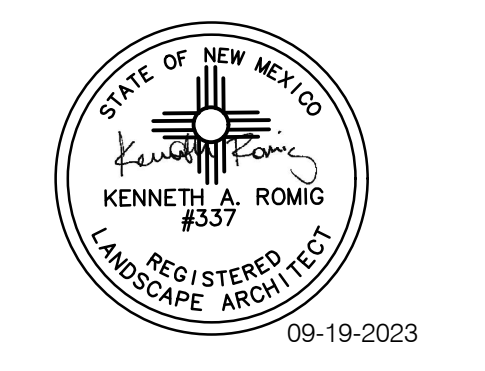
A NATIVE SHRUB PLANTING W/ IRRG SUPPLEMENTATION

SCALE: N.T.S.



CONSENSUS
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e-mail: cp@consensusplanning.com

CONSULTANTS



**WATER TREATMENT PLANT
ALBUQUERQUE, NM**
MAY 4, 2023

SUBMITTAL: MAY 4, 2023

REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NO: X
CAD DWG FILE:
DESIGNED BY: AM DATE: 5/4/23
DRAWN BY: AM DATE: 5/4/23
CHECKED BY: KR DATE: 5/4/23

SHEET TITLE
LANDSCAPE PLAN

DRAWING SHEET
LS100

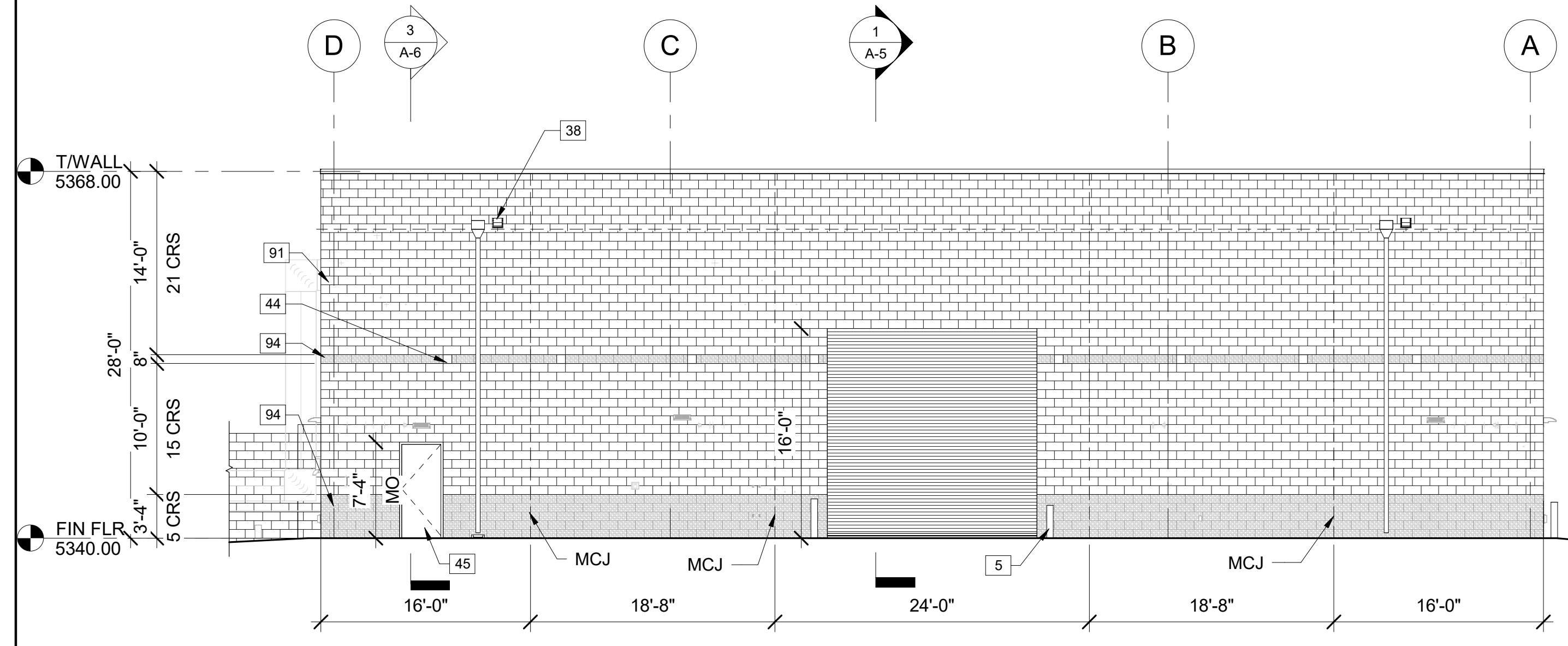
KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
5	BOLLARD, TYP, SEE "C" DWGS
17	HVAC EQUIPMENT, CHAMPION, 14/21 SD L: 62-IN, W: 62-IN, H: 60-IN SEE "H" DWGS
19	LIGHT FIXTURE, HOLOPHANE LIGHTING, HLWPC2P20 L: 16-IN, W: 12-IN, H: 5-IN SEE "E" DWGS
28	ALUMINUM CONDUCTOR HEAD, DOWNSPOUT AND SCUPPER, TYP
38	OVERFLOW SCUPPER, BOTTOM OF OVERFLOW SCUPPER TO BE 2-IN ABOVE BOTTOM OF PRIMARY SCUPPER, TYP
44	8" SMOOTH FACE CMU TYPE 3
45	HOLLOW METAL DOOR AND FRAME, SEE SCHD
91	12" SPLIT FACE CMU TYPE 2
94	12" SPLIT FACE CMU TYPE 1

CMU LEGEND	
	CMU- TYPE 1 : SMOOTH FACE CMU
	CMU- TYPE 2 : SPLIT FACE CMU
	CMU- TYPE 3 : 8"X8" SMOOTH FACE CMU

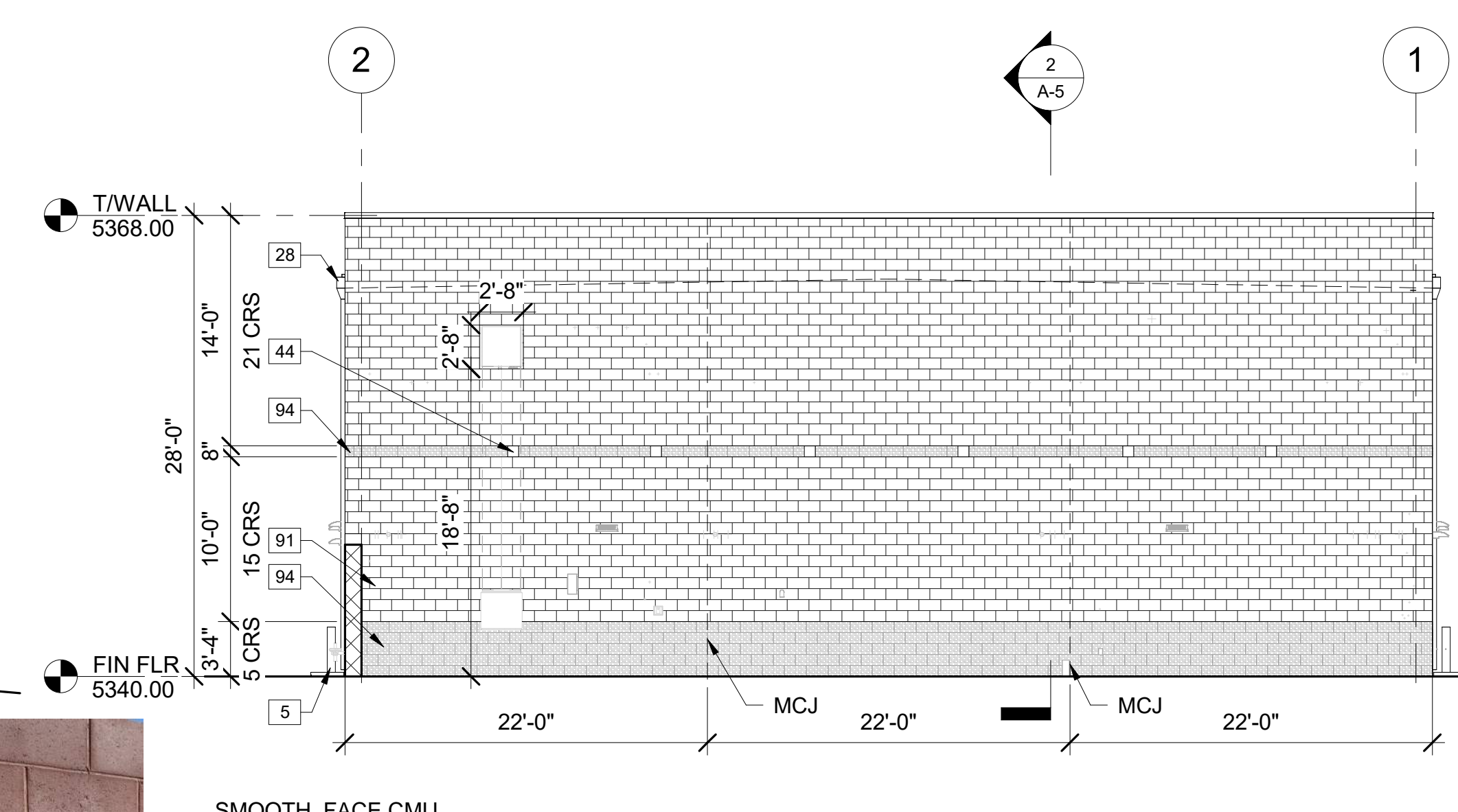
- GENERAL NOTES:**
1. CMU COLOR TO MATCH EXISTING VOLCANO CLIFFS PUMP STATION. LIGHT REFLECTIVE VALUE (LRV) OF CMU BLOCKS SHALL RANGE FROM 20-50%
 2. REMOVE HIGH POINTS ON THE SPLIT FACE CMU TO OBTAIN A LEVEL SURFACE FOR THE MOUNTING OF EXTERIOR LIGHTS AND RECEPTACLES.
 3. REFER TO "H" SHEETS FOR DUCT PENETRATION DETAILS.
 4. CMU OPENINGS SHALL BE COORDINATED WITH APPROVED EQUIPMENT SYSTEMS.



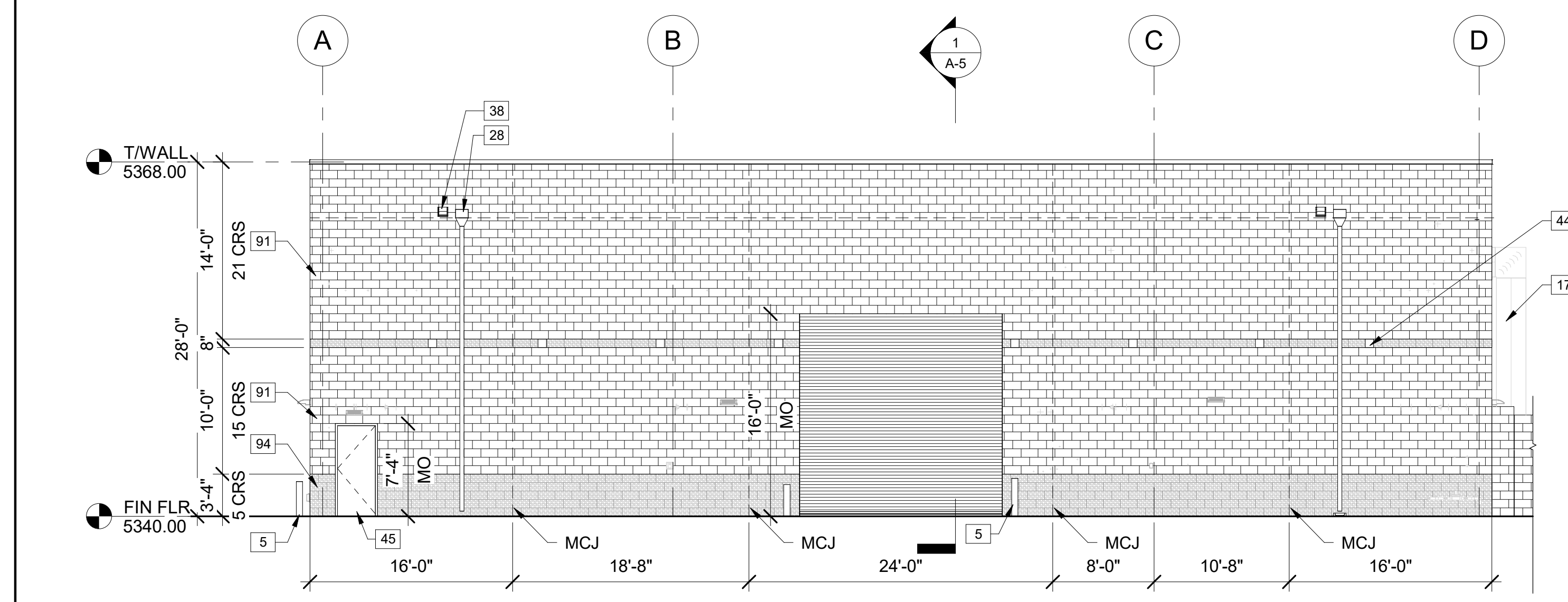
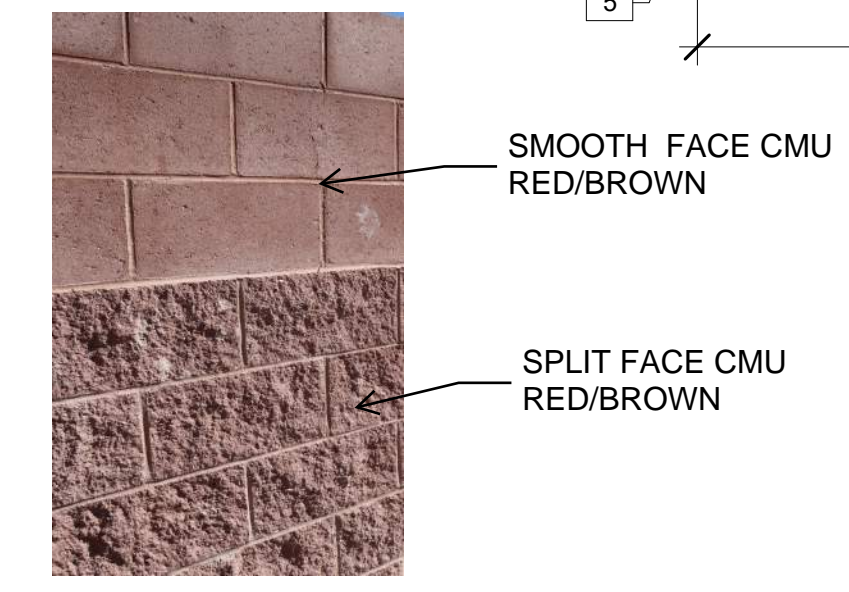
PHOTO OF EXISTING PUMP STATION. THE NEW ARSENIC TREATMENT FACILITY WILL MATCH THE CMU COLORS AND ROLL UP DOORS.



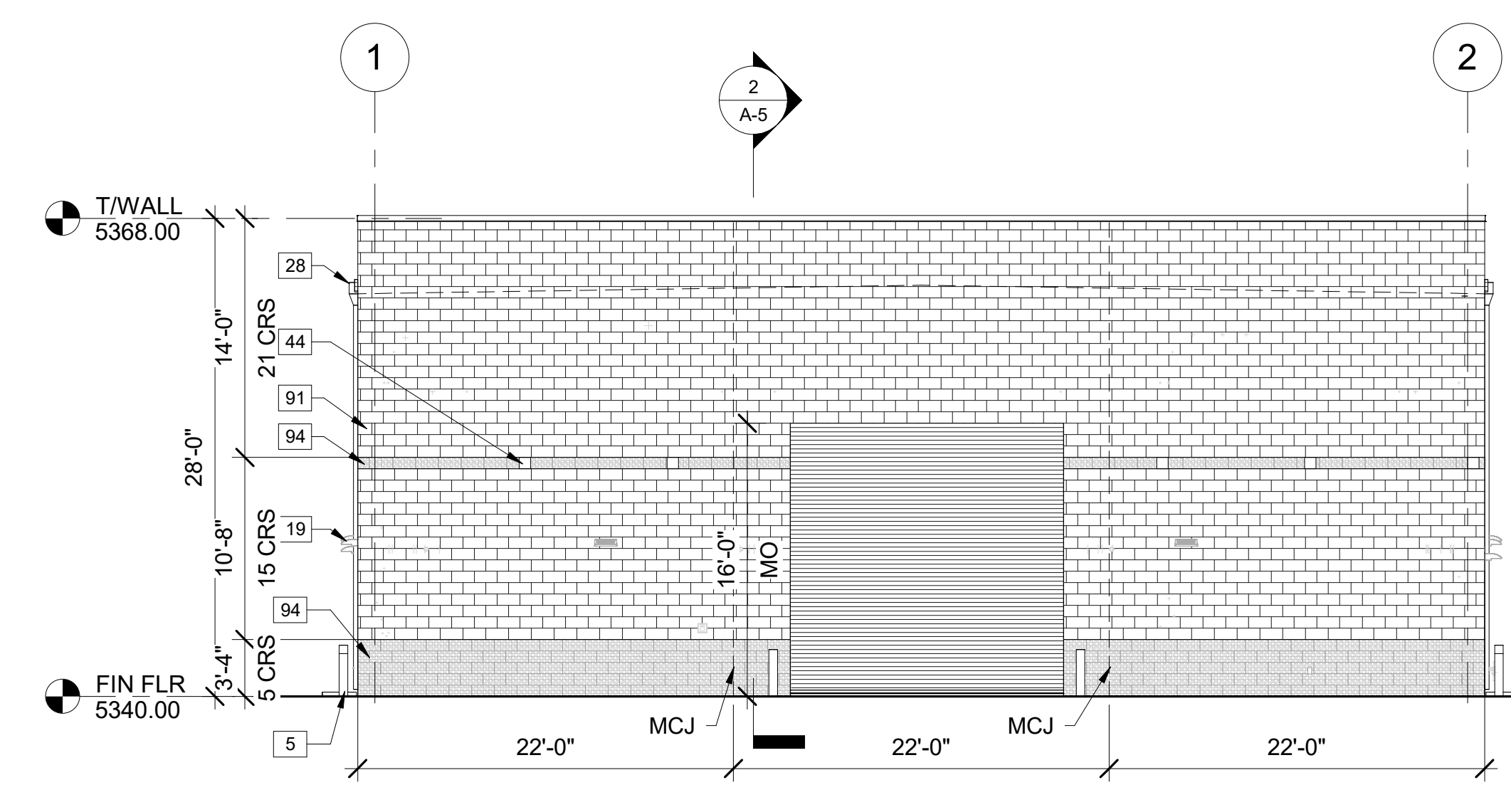
1 NORTH ELEVATION
A-3
1/8" = 1'-0"
0 8 16



2 EAST ELEVATION
A-3
1/8" = 1'-0"
0 8 16



3 SOUTH ELEVATION
A-3
1/8" = 1'-0"
0 8 16



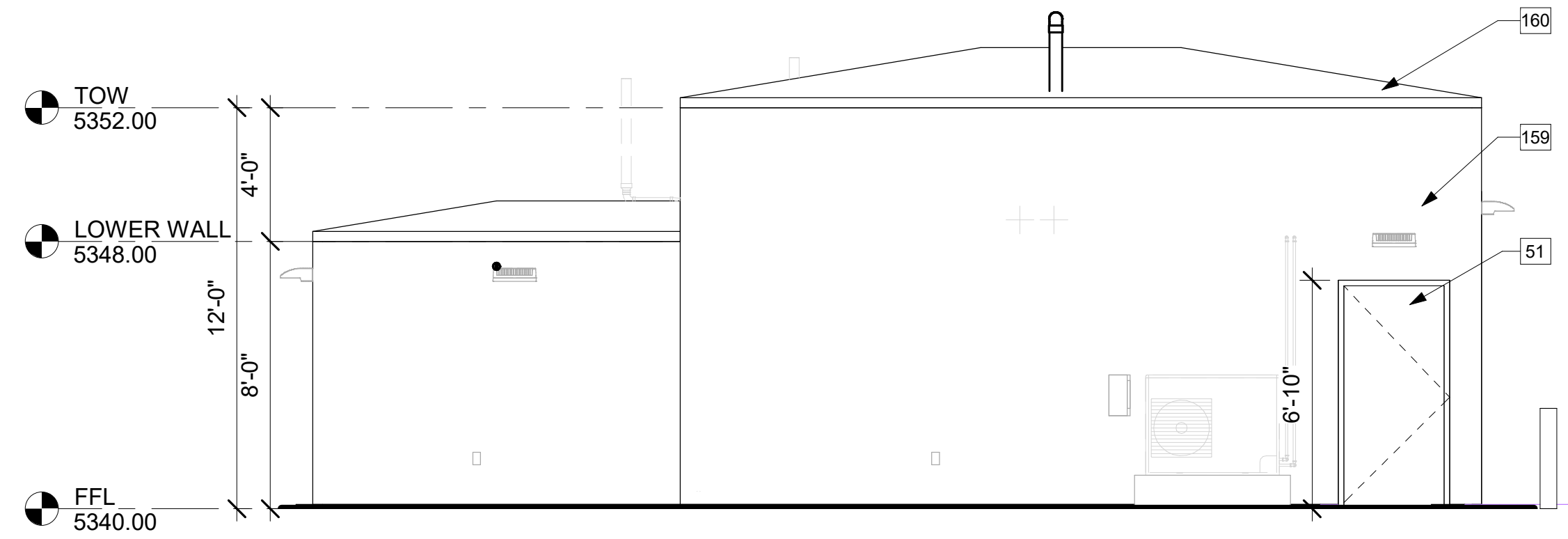
4 WEST ELEVATION
A-3
1/8" = 1'-0"
0 8 16

SUBMITTED BY: CDM Smith 6001 Indian School Road, N.E. Suite 310 Albuquerque, New Mexico 87110 Tel: (505) 243-3200		ARCHITECT'S SEAL STATE OF NEW MEXICO CHARLOTTE THROOP No. 005052 REGISTERED ARCHITECT <i>Charlotte Throop</i> 06-30-2023		ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY	
TITLE: VOLCANO CLIFFS ARSENIC TREATMENT FACILITY AND PUMP STATION UPGRADES ARSENIC TREATMENT BUILDING ELEVATIONS		WATER AUTHORITY CONSTRUCTION PROJECT NO. 2822.0		ZONE MAP NO. D-09-Z	
				SHEET 5 of 8	

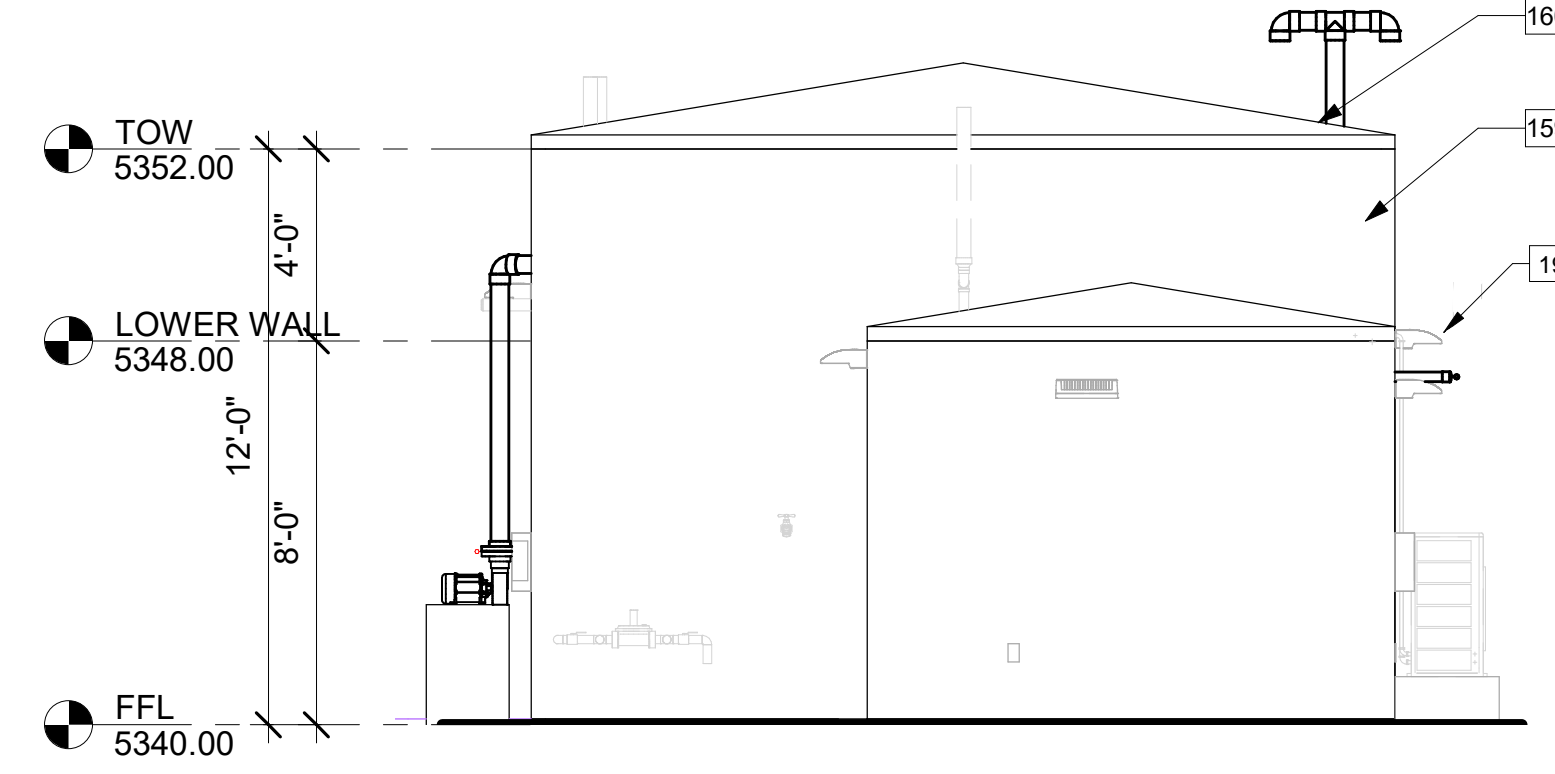
NOT FOR CONSTRUCTION - FOR PERMIT ONLY

GENERAL NOTES:
 1. COORDINATE WALL AND ROOF PENETRATIONS WITH APPROVED EQUIPMENT
 2. BUILDING WILL BE DESERT SAND COLOR WITH LRV RANGING FROM 20-50%

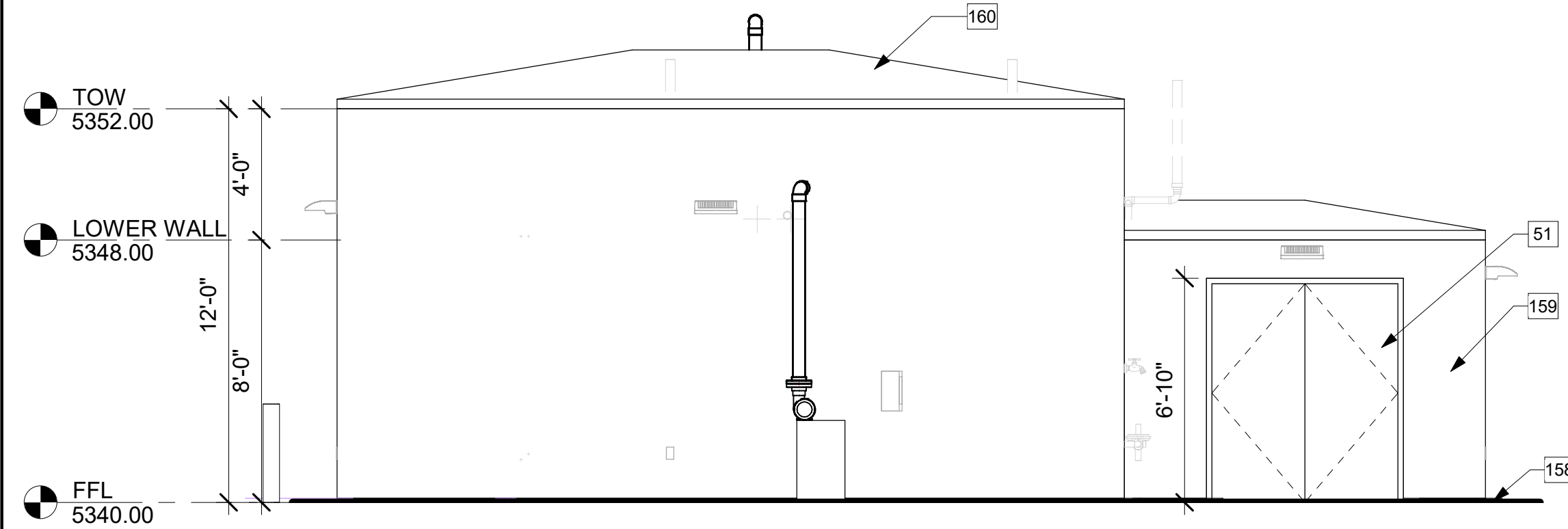
KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
5	BOLLARD, TYP, SEE "C" DWGS
19	LIGHT FIXTURE, HOLOPHANE LIGHTING, HLWPC2P20 L: 16-IN, W:12-IN, H: 5-IN SEE "E" DWGS
51	FRP DOOR AND FRAME, SEE SCHD
54	OVERHEAD COILING DOOR, SEE SCHD
158	CONCRETE CONTAINMENT WALL, SEE "S" SHEETS
159	FRP WALL WITH R-20 (MIN.) CONTINOUS RIGID INSULATION
160	FRP ROOF WITH R-38 (MIN.)



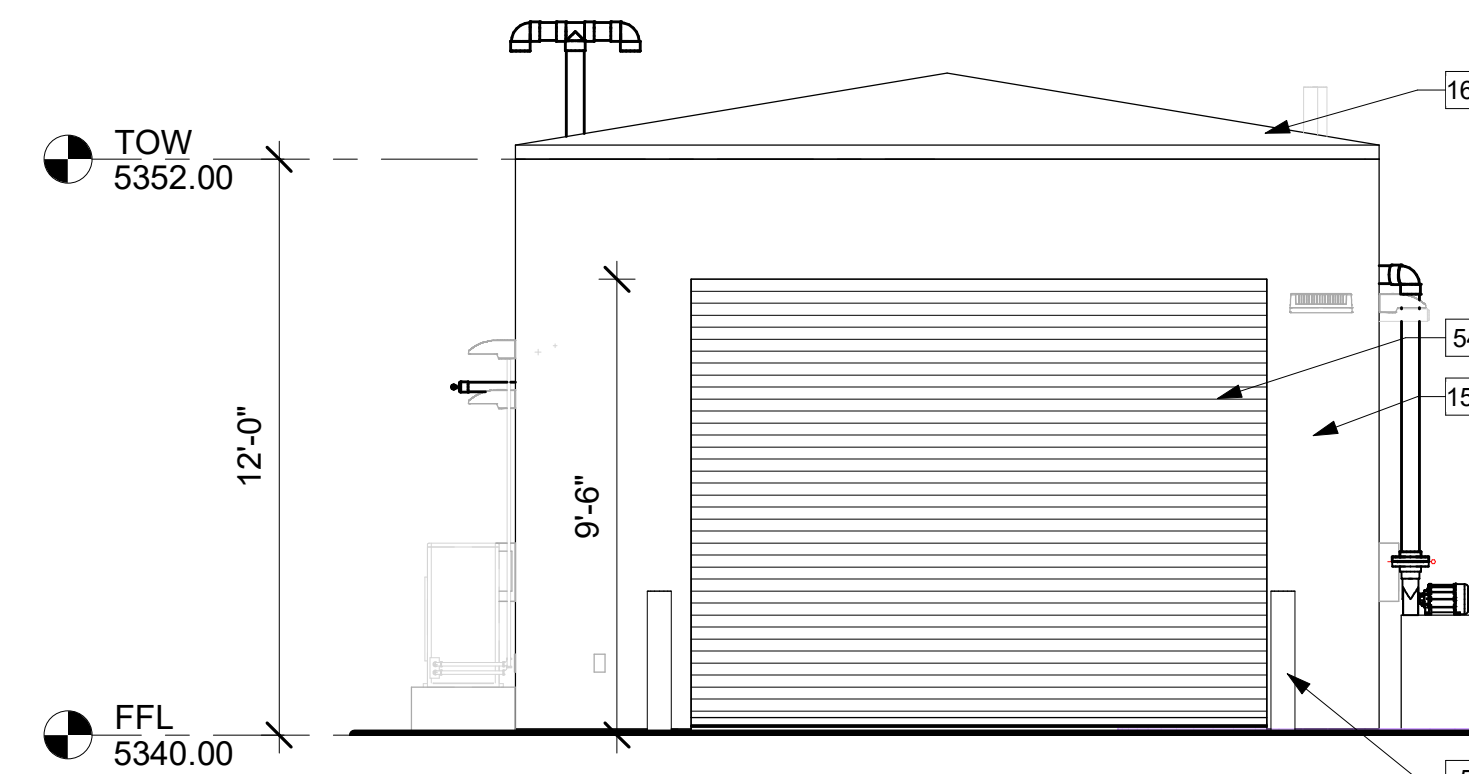
1 NORTH ELEVATION
 A-8 1/4" = 1'-0"
 0 4 8



2 EAST ELEVATION
 A-8 1/4" = 1'-0"
 0 4 8



3 SOUTH ELEVATION
 A-8 1/4" = 1'-0"
 0 4 8



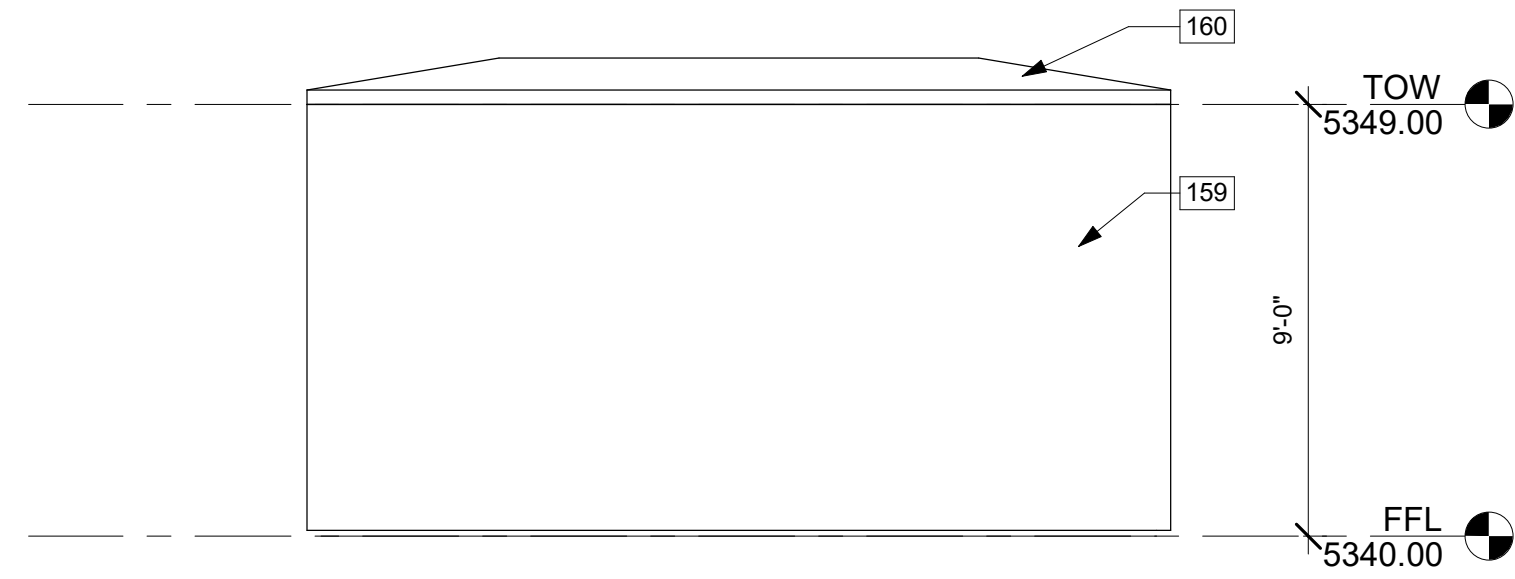
4 WEST ELEVATION
 A-8 1/4" = 1'-0"
 0 4 8

SUBMITTED BY: 6001 Indian School Road, N.E. Suite 310 Albuquerque, New Mexico 87110 Tel: (505) 243-3200	ARCHITECT'S SEAL CHARLOTTE THROOP No. 005052 REGISTERED ARCHITECT 06-30-23	ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY TITLE: VOLCANO CLIFFS ARSENIC TREATMENT FACILITY AND PUMP STATION UPGRADES SODIUM HYPOCHLORITE GENERATION BUILDING ELEVATIONS
WATER AUTHORITY CONSTRUCTION PROJECT NO. 2822.0		ZONE MAP No. D-09-Z
		SHEET 6 of 8

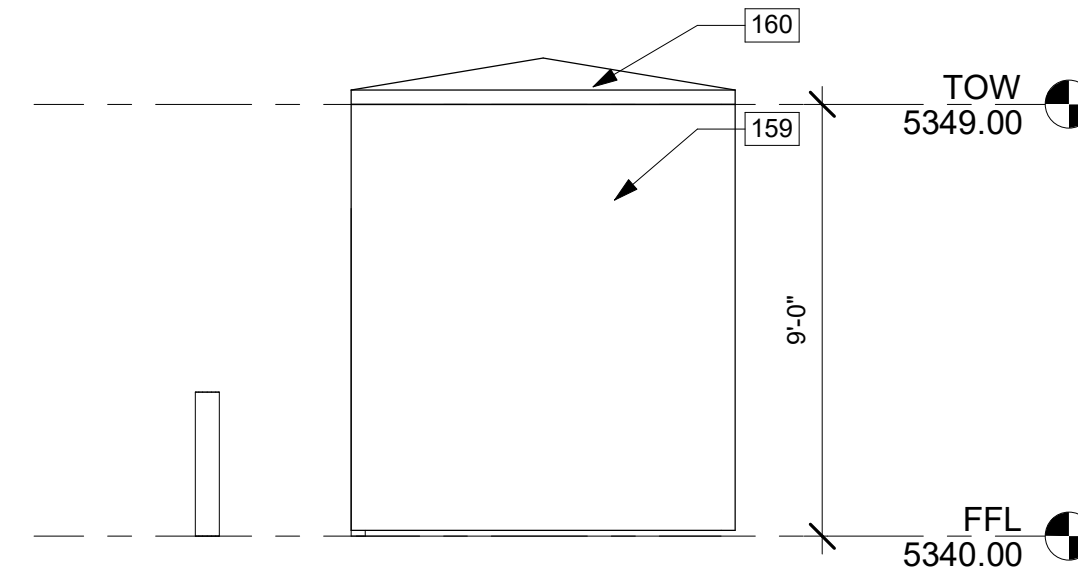
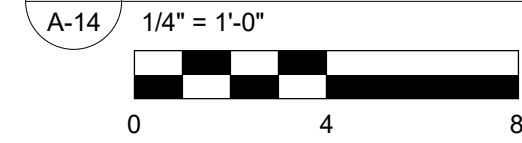
NOT FOR CONSTRUCTION - FOR PERMIT ONLY

GENERAL NOTES:
 1. BUILDING WILL BE DESERT SAND COLOR
 WITH LRV RANGING FROM 20-50%

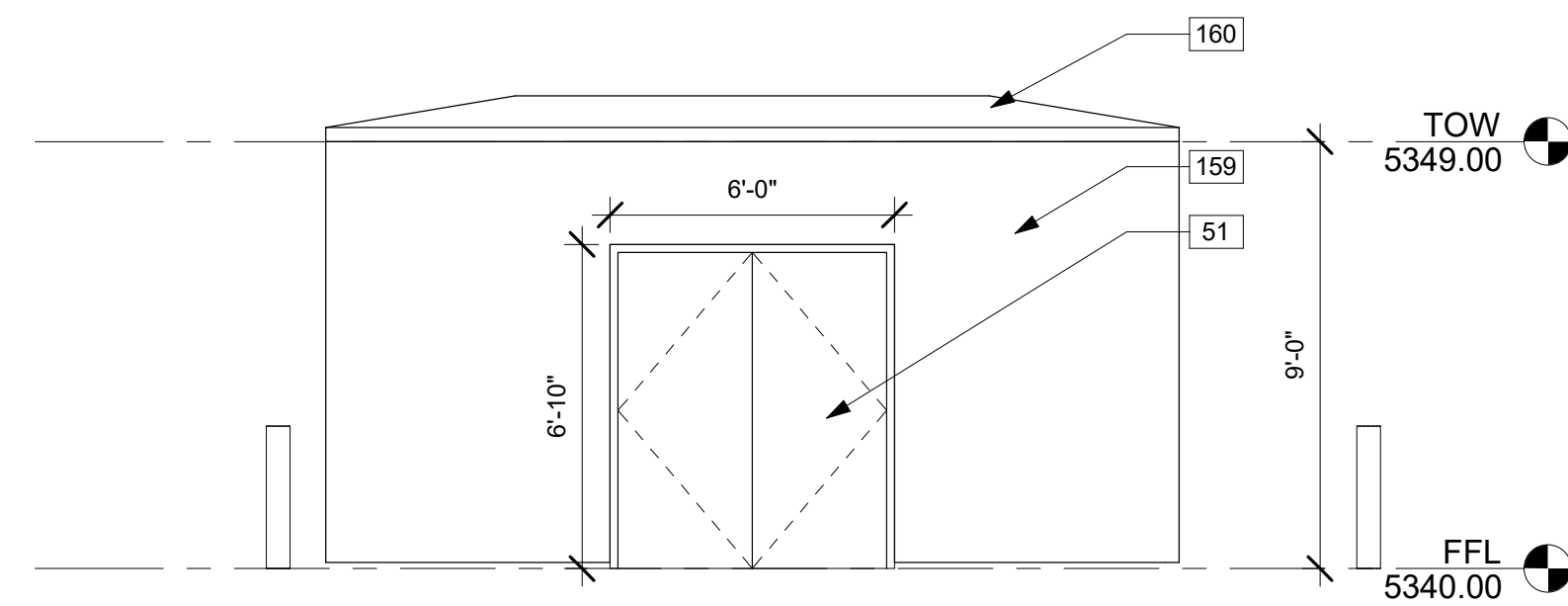
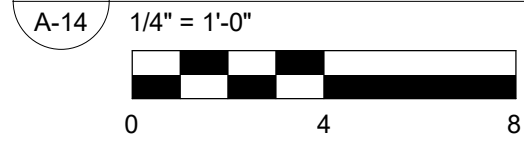
KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
51	FRP DOOR AND FRAME, SEE SCHED
159	FRP WALL WITH R-20 (MIN.) CONTINUOUS RIGID INSULATION
160	FRP ROOF WITH R-38 (MIN.)



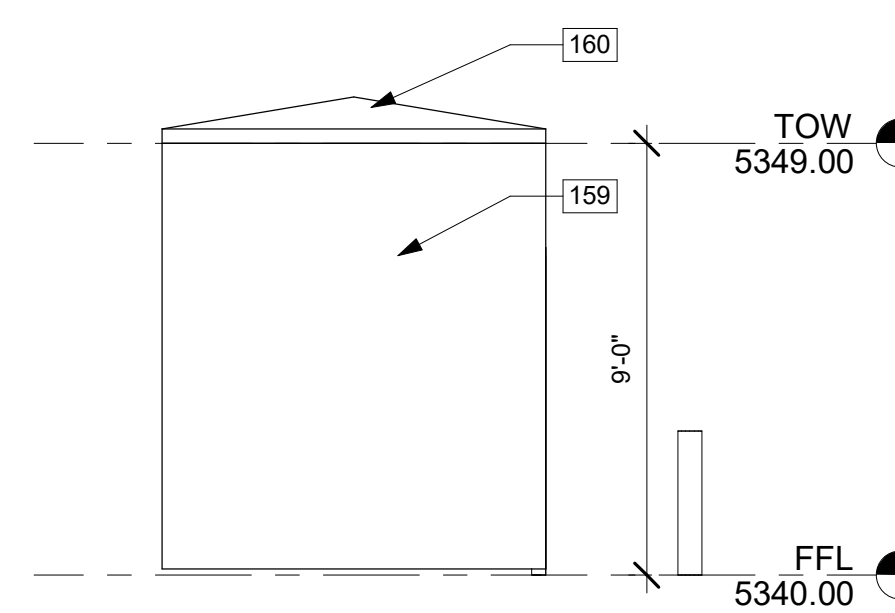
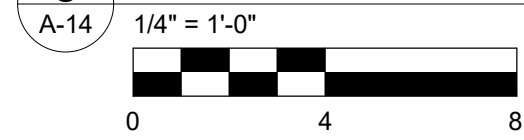
1 NORTH ELEVATION



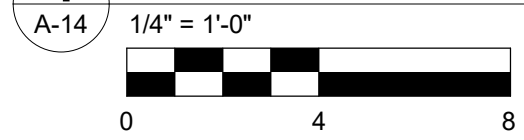
2 EAST ELEVATION



3 SOUTH ELEVATION

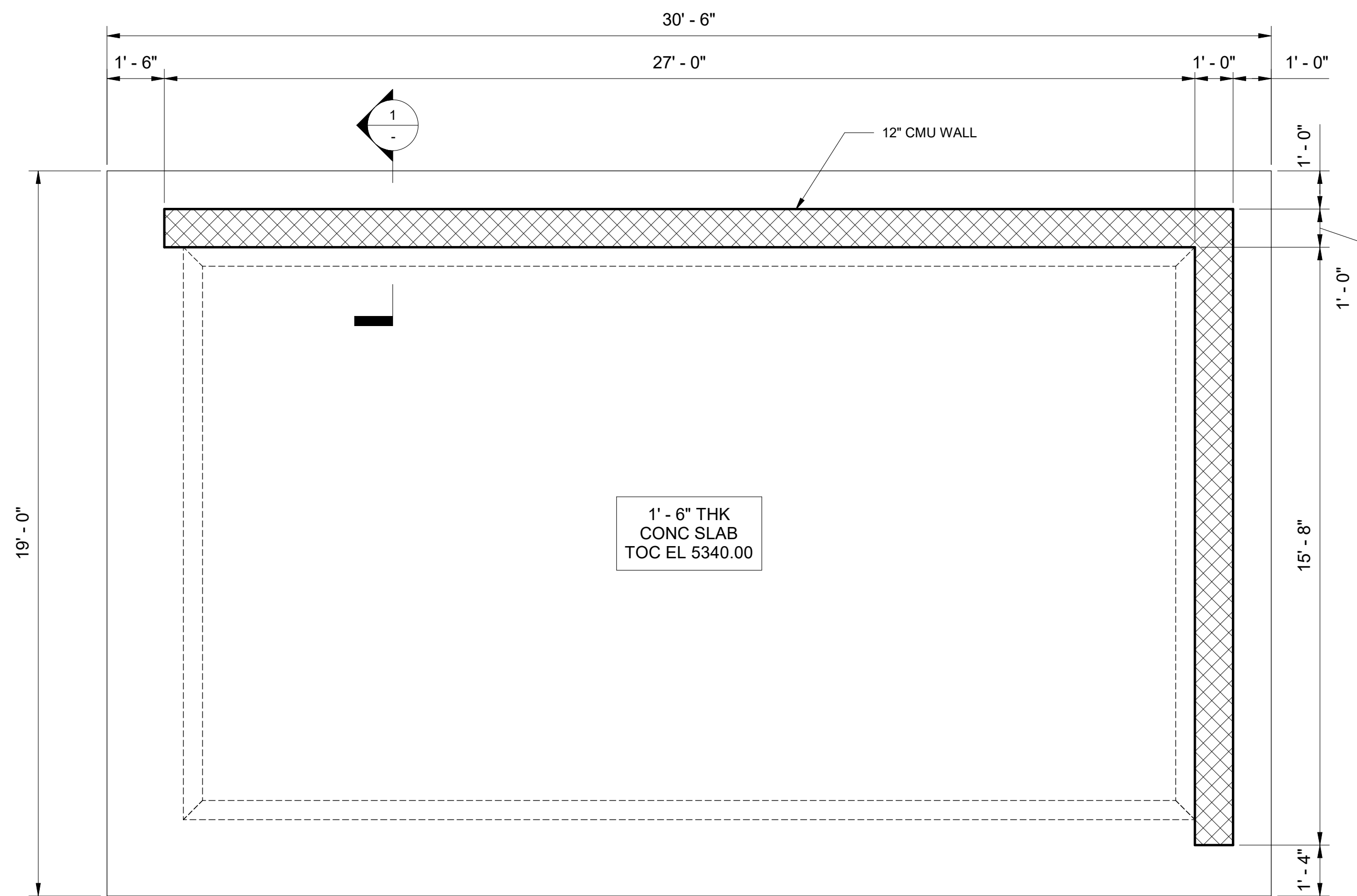
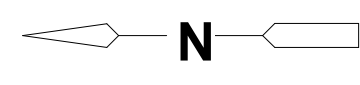


4 WEST ELEVATION

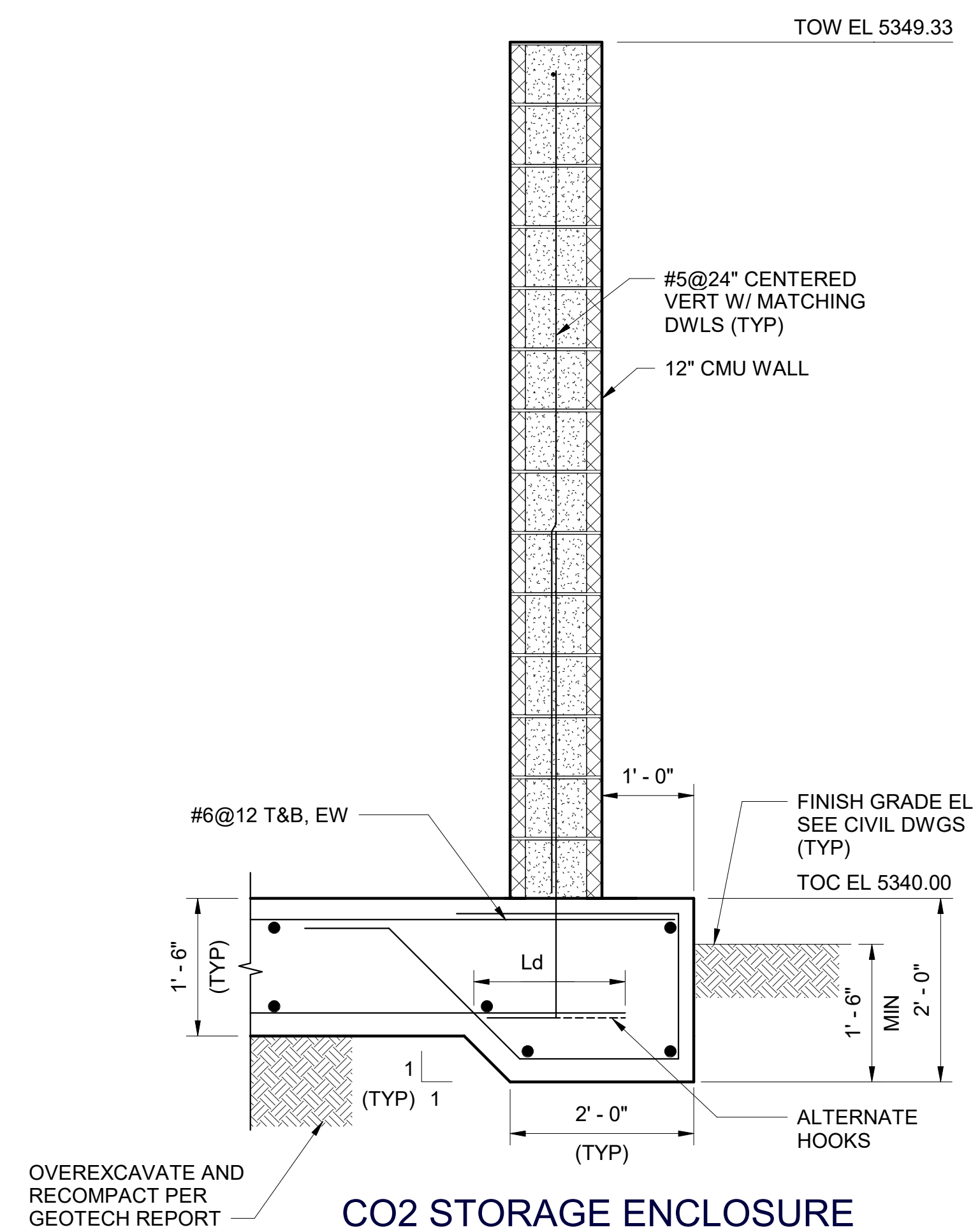


SUBMITTED BY:		ARCHITECT'S SEAL		ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY	
 6001 Indian School Road, N.E. Suite 310 Albuquerque, New Mexico 87110 Tel: (505) 243-3200				TITLE: VOLCANO CLIFFS ARSENIC TREATMENT FACILITY AND PUMP STATION UPGRADES CARBONIC ACID INJECTION BUILDING ELEVATIONS	
				WATER AUTHORITY CONSTRUCTION PROJECT NO. 2822.0	ZONE MAP NO. D-09-Z

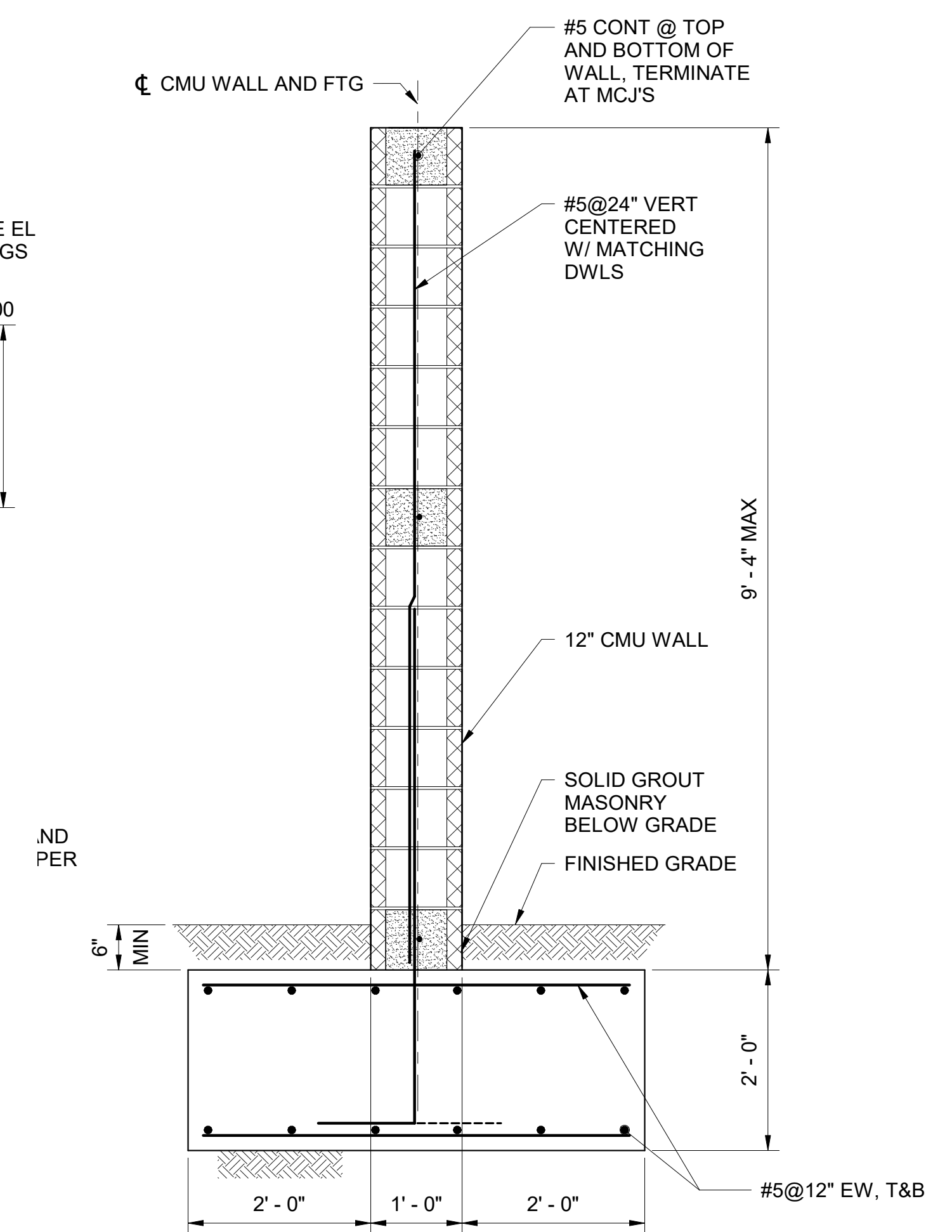
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CO2 STORAGE ENCLOSURE
FOUNDATION PLAN
 3/8" = 1'-0"



CO2 STORAGE ENCLOSURE
SECTION 1
 3/4" = 1'-0"



EVAPORATIVE COOLER ENCLOSURE WALL
DETAIL D
 NTS

SUBMITTED BY: 6001 Indian School Road, N.E. Suite 310 Albuquerque, New Mexico 87110 Tel: (505) 243-3200	ENGINEER'S SEAL 	ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY TITLE: VOLCANO CLIFFS ARSENIC TREATMENT FACILITY AND PUMP STATION UPGRADES ENCLOSURE WALL DETAILS WATER AUTHORITY CONSTRUCTION PROJECT NO. 2822.0 ZONE MAP NO. D-09-Z SHEET 8 of 8
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PR-2023-008617_SI-2023-01595_Site_Plan_Aproved_10-4-23














Final Audit Report

2023-11-27

Created:	2023-11-02
By:	Jay Rodenbeck (jrodenbeck@cabq.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAA7SZmo7S93HECMHDsCHrbjATPckLC1w9

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