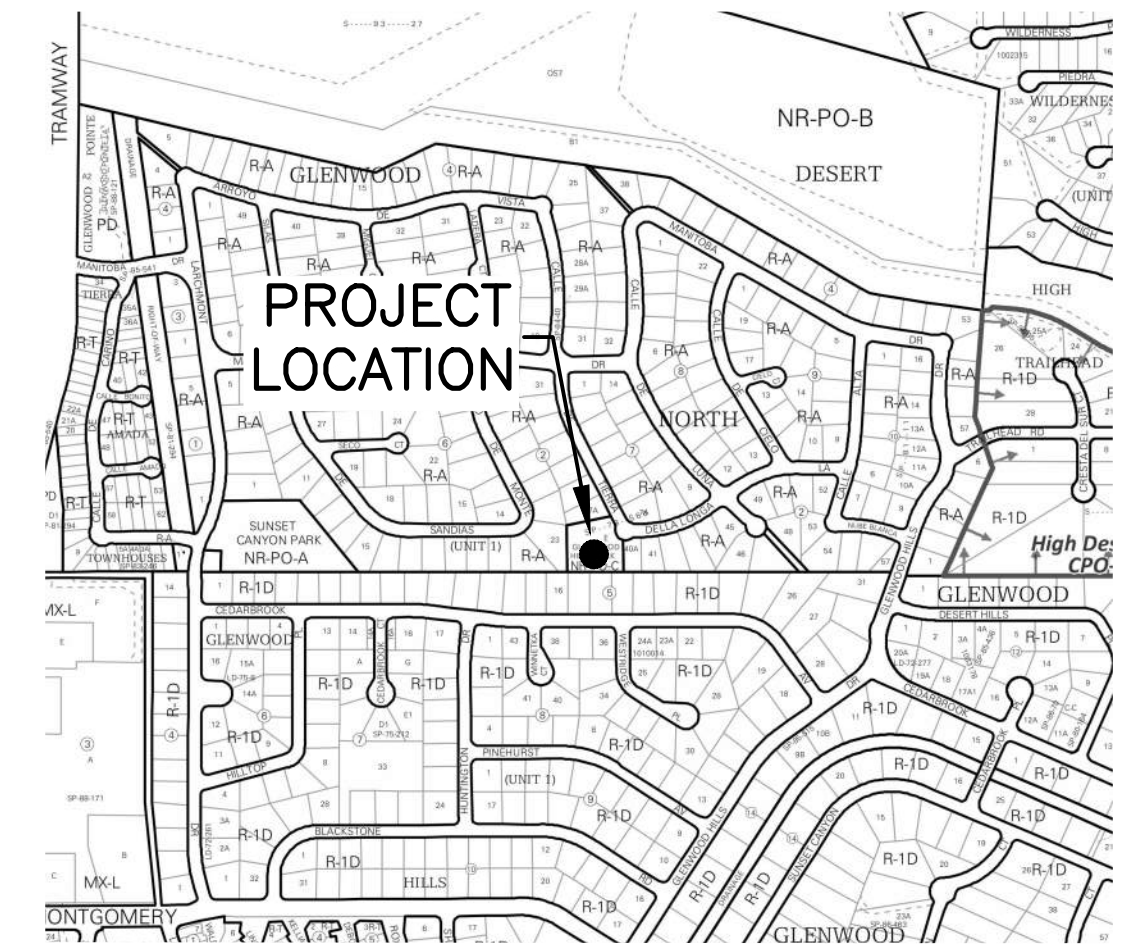




CIVIL DRAWINGS
FOR
GLENWOOD HILLS
RESERVOIR 2 - ACCESS ROAD
ENGINEERING PROJECT # 2277.00
CONSTRUCTION PROJECT # 2320.015YY
JULY 2021



LOCATION MAP

SCALE: 1"=1000'
(ZONE ATLAS MAP NO. F-23)



VICINITY MAP

SCALE: 1"=2 MILES

INDEX OF DRAWINGS

SEQ. NO.	SHEET NO.	DESCRIPTION
1 OF 11	G1	COVER SHEET, LOCATION MAP AND INDEX OF DRAWINGS
2 OF 11	G2	GENERAL NOTES SHEET
3 OF 11	C1	SITE & ROADWAY PLAN 1
4 OF 11	C2	SITE & ROADWAY PLAN 2
5 OF 11	C3	SITE & ROADWAY PLAN 3
6 OF 11	C4	GRADING AND DRAINAGE PLAN 1
7 OF 11	C5	GRADING AND DRAINAGE PLAN 2
8 OF 11	C6	GRADING AND DRAINAGE PLAN 3
9 OF 11	C7	DETAIL SHEET 1
10 OF 11	C8	DETAIL SHEET 2
11 OF 11	C9	DETAIL SHEET 3

UTILITY COMPANY CONTACTS:

COMMUNICATION:

COMCAST
4611 MONTBEL PLACE NE
ALBUQUERQUE, NM 87107
CONTACT: MIKE MORTUS
(505) 269-4006

CENTURY LINK
400 TIJERAS AVE. NW SUITE 520
ALBUQUERQUE, NM 87102
CONTACT: BEVERLY YOUNG
(505) 245-5934

TW TELECOM OF NEW MEXICO LLC.
5411 JEFFERSON ST. NE SUITE 200
ALBUQUERQUE, NM 87109
CONTACT: ROYAL HARRISON
(505) 938-7339

ELECTRIC:

PNM ELECTRIC
4201 EDITH BLVD. NE
ALBUQUERQUE, NM 87107
CONTACT: ANDREA CONTRERAS
(505) 241-3666

GAS:

NEW MEXICO GAS
MAIL STOP GS66
4625 EDITH BLVD. NE
ALBUQUERQUE, NM 87107
CONTACT: ZACHARY TRUJILLO
(505) 697-3122

WATER / SEWER:

ABCWUA
ONE CIVIC PLAZA
ALBUQUERQUE, NM 87103
CONTACT: RAYMOND SANDOVAL, EI
(505) 289-3267



WHPacific
AN N|V|5 COMPANY

WATER AUTHORITY
CONSTRUCTION
PROJECT NO.

2320.015YY

SHEET OF

G1

SEQ# 1 OF 11

GLENWOOD HILLS RESERVOIR

GENERAL NOTES:

1. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2020 EDITION, AND WILL BE REFERRED TO HEREIN AS "STANDARD SPECIFICATIONS".
3. THE CONTRACTOR AGREES THAT HE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER AND ENGINEER FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION.
5. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR 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 ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES.
6. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P AND COA STD. DWG. 2465.
7. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
8. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
9. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. IDENTIFICATION OF A SITE AND VERIFICATION OF SITE SUITABILITY IS CONSIDERED INCIDENTAL TO THE COST OF PROJECT BID ITEM.
10. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
11. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.

LEGEND

- EXISTING DRAIN LINE
- EXISTING WATER LINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING CHAIN LINK FENCE
- NEW CHAIN LINK FENCE



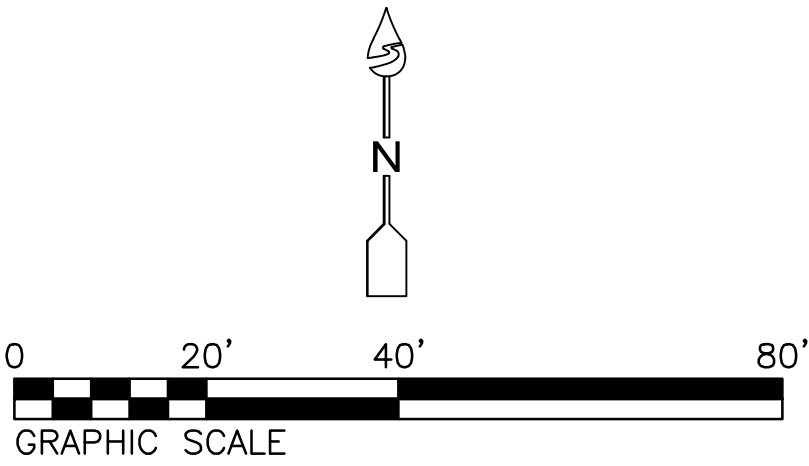
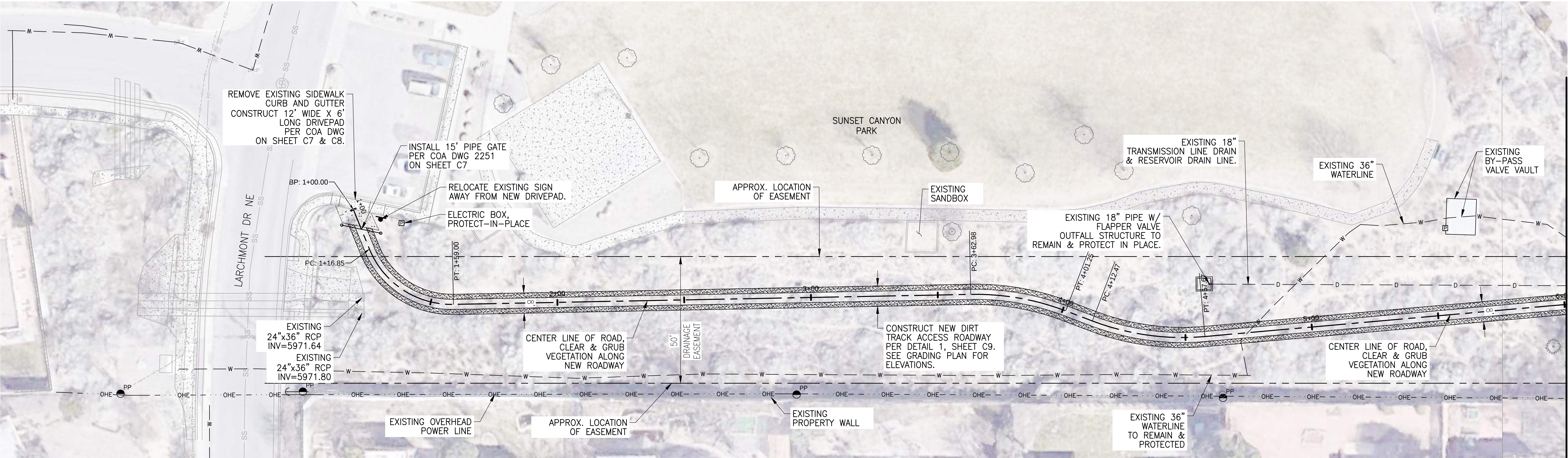
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—	—	—	—	N.T.S	DESIGNED BY: MJL	DATE: 6/30/2021					CONTRACTOR COMPANY NAME						
—	—	—	—	ATTENTION 0 1/2" 1" GRAPHIC SCALE	DRAWN BY: AJS	DATE: 6/30/2021					CONSTRUCTION BEGIN DATE MMM. YYYY						
—	—	—	—		CHECKED BY: SJ	DATE: —					INSPECTOR'S ACCEPTANCE BY COMPANY NAME DATE MMM. YYYY						
—	—	—	—		CROSS CHK'D BY: —	DATE: —					INSPECTOR'S NAME NAME						
—	—	—	—		APPROVED BY: —	DATE: —					SUBSTANTIAL COMPLETION DATE MMM. YYYY						
NO.	DATE	REVISION NO. & DESCRIPTION	BY	THIS BAR MEASURES 1" AT FULL SCALE (ANSI D)	MAPS/RECORDS INFO.						DRAWINGS CORRECTED BY COMPANY NAME DATE MMM. YYYY				WATER AUTHORITY CONSTRUCTION PROJECT NO. 2320.015YY ZONE MAP NO. F-23 SHEET G2		



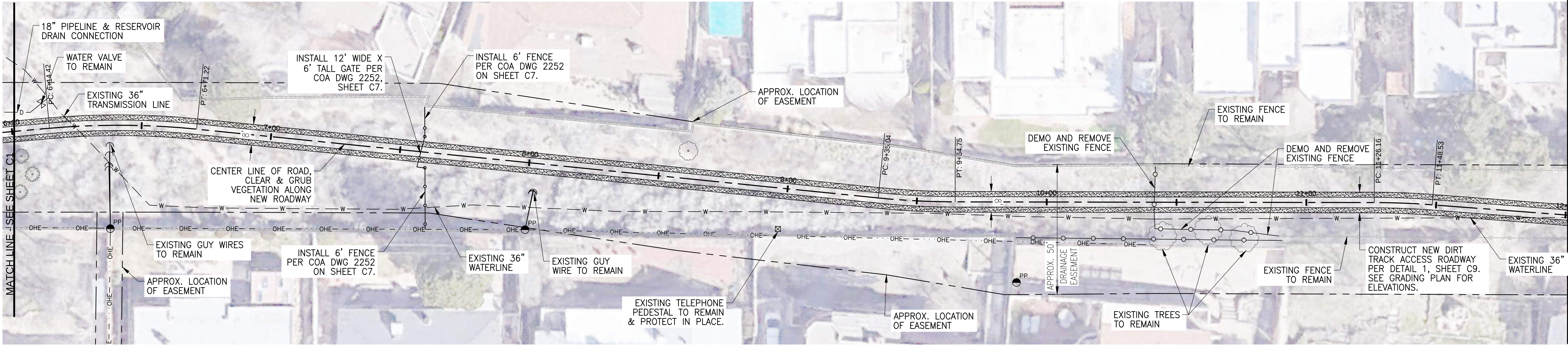
EXISTING CONDITION @
PROPOSED DRIVE PAD LOCATION

GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION LATEST EDITION.
2. ALL MATERIALS TO BE REMOVED MUST BE HANDLED PER LOCAL ENVIRONMENTAL REGULATIONS. CONTRACTOR SHALL COORDINATE WITH OWNER FOR MATERIAL TO BE SALVAGED, AND TO DISPOSE ALL MATERIALS TO AN APPROVED LANDFILL.
3. ANY DAMAGE TO SITE FEATURES NOT INDICATED FOR DEMOLITION ON THIS SITE OR ON THE SURROUNDING PROPERTIES SHALL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR.
4. ALL UTILITY LINES SHOWN ON THIS PLAN ARE APPROXIMATE, CONTRACTOR TO FIELD VERIFY BEFORE CONSTRUCTION BEGINS.
5. ALL DIMENSIONS SHOWN ARE MEASURED TO THE EDGE OF ROADWAY, EDGE OF BUILDING WALL, OR FENCE UNLESS OTHERWISE NOTED.

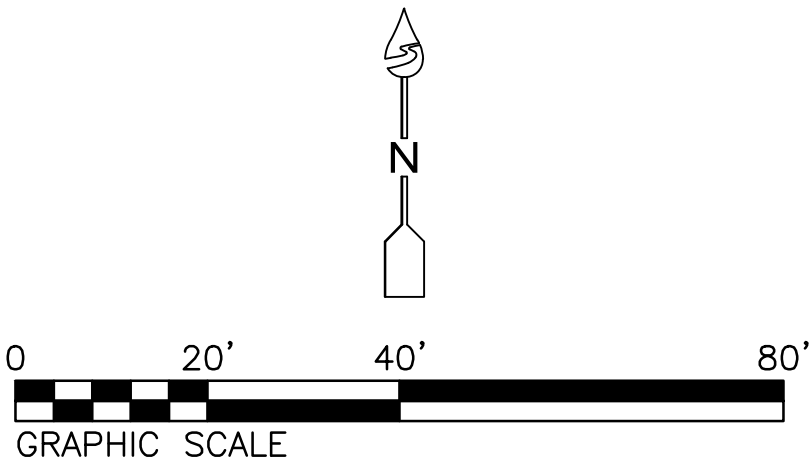


			SCALE:	DESIGN TRACKING			SUBMITTED BY:			AS BUILT INFORMATION			ENGINEER'S SEAL	ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY					
-	-	-	-	1"=20'	DESIGNED BY:	MJL	DATE:	6/30/2021				CONTRACTOR	COMPANY NAME			TITLE: GLENWOOD HILLS RESERVOIR 2			
-	-	-	-	DRAWN BY:	AS	DATE:	6/30/2021	CONSTRUCTION				BEGIN DATE		MMM. YYYY					
-	-	-	-	CHECKED BY:	SJ	DATE:	-	INSPECTOR'S				ACCEPTANCE BY		COMPANY NAME		DATE	MMM. YYYY		
-	-	-	-	CROSS CHK'D BY:	-	DATE:	-	INSPECTOR'S NAME				NAME							
-	-	-	-	APPROVED BY:	-	DATE:	-	SUBSTANTIAL				COMPLETION DATE		MMM. YYYY					
-	-	-	-	GRAPHIC SCALE	MAPS/RECORDS INFO.						DRAWINGS	CORRECTED BY		COMPANY NAME		DATE	MMM. YYYY	SITE & ROADWAY PLAN 1	
-	-	-	-	THIS BAR MEASURES 1" AT FULL SCALE (ANSI D)							LICENSE NO.	DATE	WATER AUTHORITY	CONSTRUCTION PROJECT NO.		2320.015YY	ZONE	MAP NO.	F-23

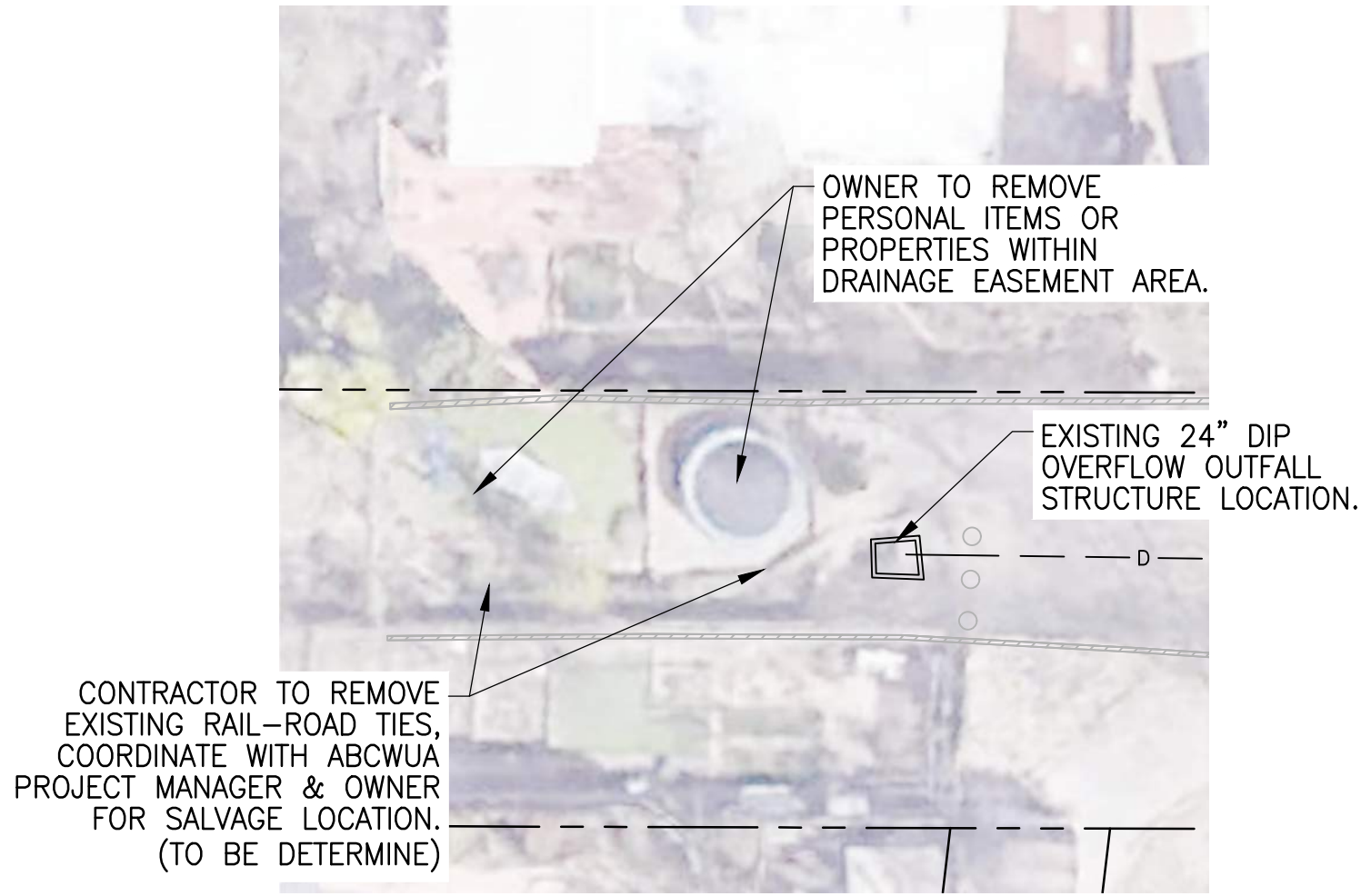


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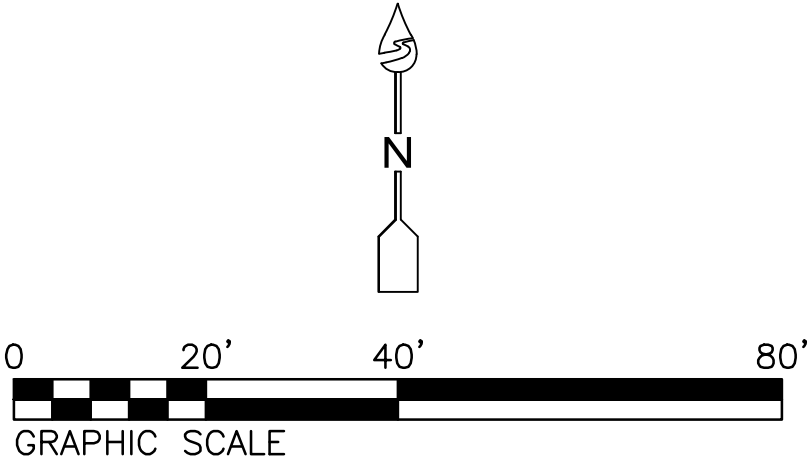
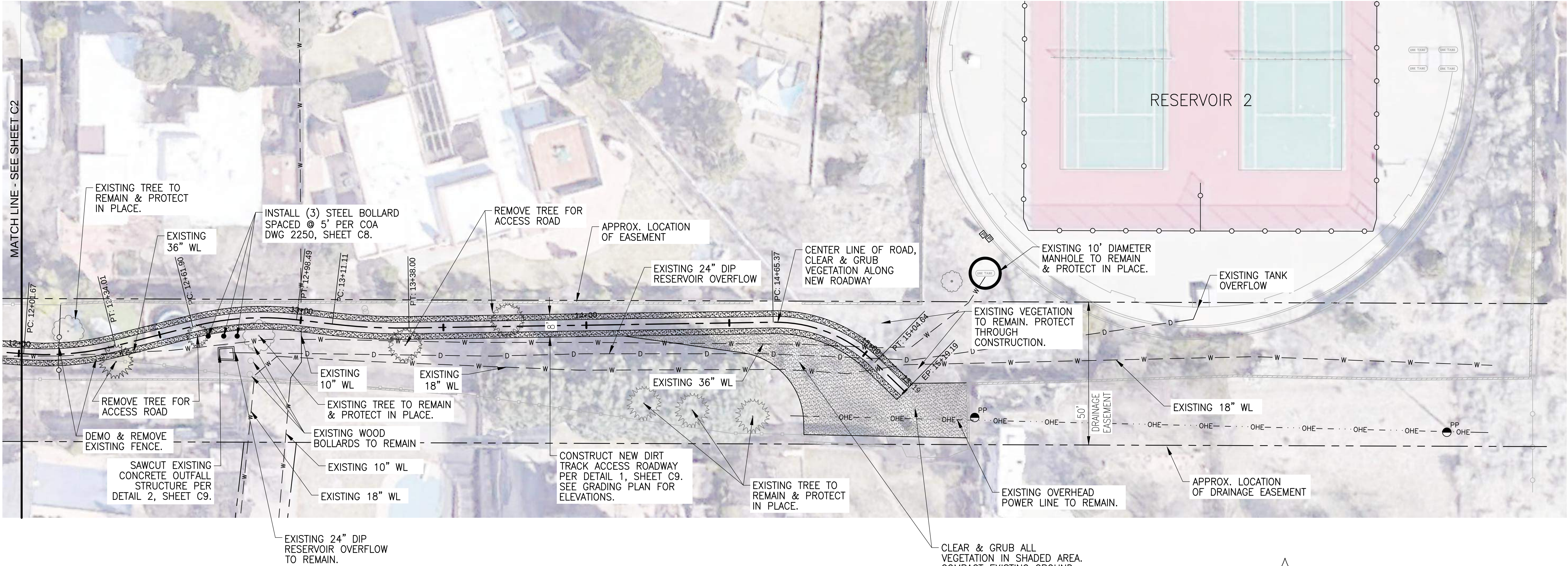
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				1"=20'	DESIGNED BY: MJL	DATE: 6/30/2021				CONTRACTOR COMPANY NAME							
				ATTENTION 0 1/2" 1" GRAPHIC SCALE THIS BAR MEASURES 1" AT FULL SCALE (ANSI D)	DRAWN BY: AS	DATE: 6/30/2021				CONSTRUCTION BEGIN DATE MMM. YYYY							
					CHECKED BY: SJ	DATE: -	LICENSE NO. DATE			INSPECTOR'S ACCEPTANCE BY COMPANY NAME DATE MMM. YYYY							
					CROSS CHK'D BY: -	DATE: -				INSPECTOR'S NAME NAME							
					APPROVED BY: -	DATE: -				SUBSTANTIAL COMPLETION DATE MMM. YYYY							
NO.	DATE	REVISION NO. & DESCRIPTION	BY			MAPS/RECORDS INFO.			LICENSE NO. DATE			DRAWINGS CORRECTED BY COMPANY NAME DATE MMM. YYYY					



EXISTING CONDITION

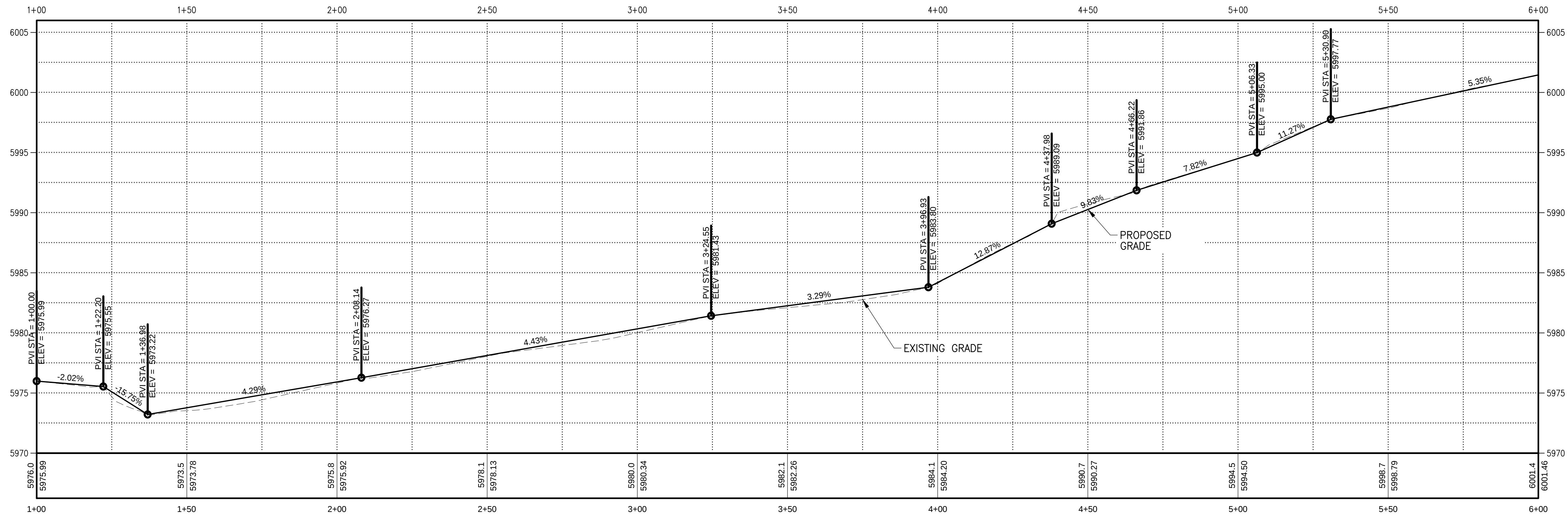
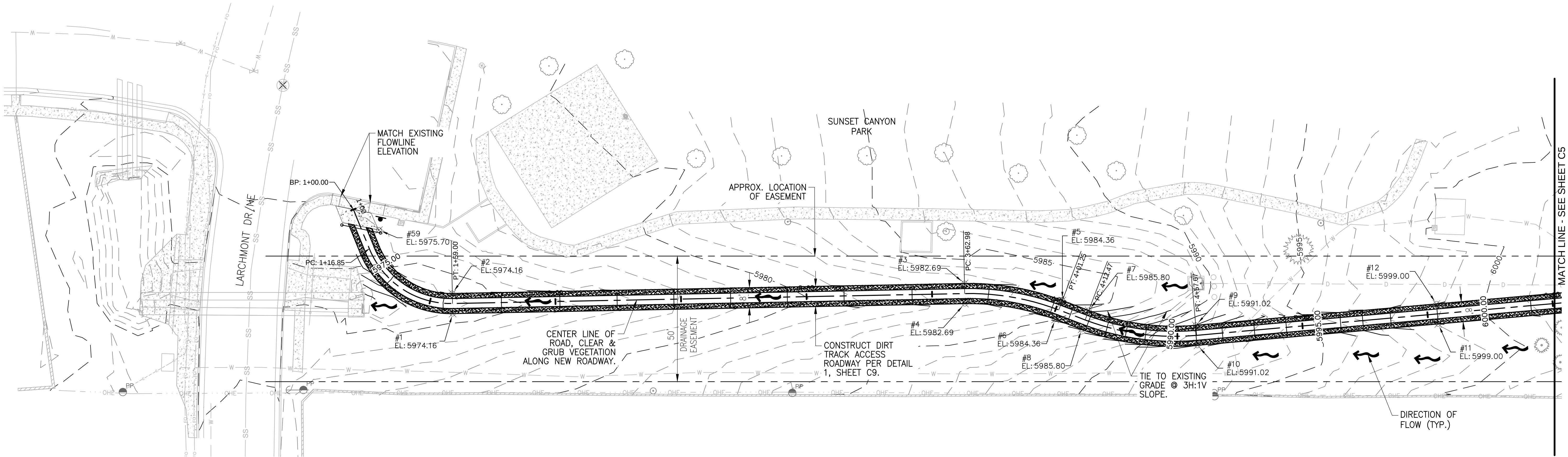
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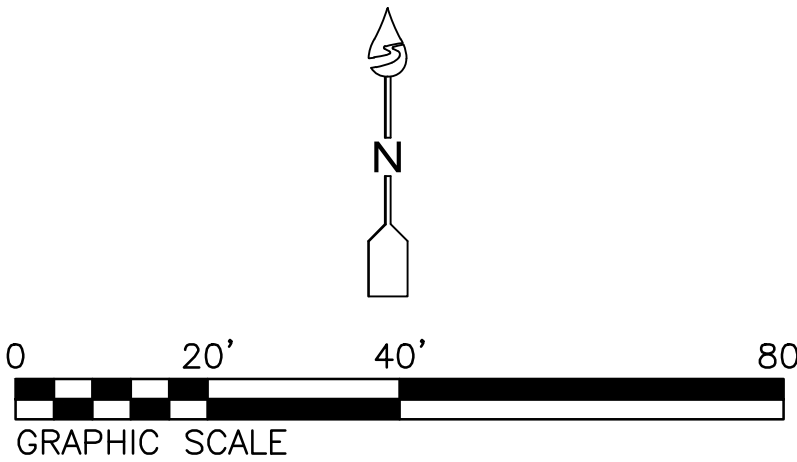
WHPacific
AN NV5 COMPANY

			SCALE:	DESIGN TRACKING			SUBMITTED BY:			AS BUILT INFORMATION			ENGINEER'S SEAL	ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY										
-	-	-	-	1"=20'	DESIGNED BY:	MJL	DATE:	6/30/2021				CONTRACTOR	COMPANY NAME			TITLE: GLENWOOD HILLS RESERVOIR 2								
-	-	-	-	DRAWN BY:	AS	DATE:	6/30/2021	CONSTRUCTION				BEGIN DATE		MMM. YYYY										
-	-	-	-	CHECKED BY:	SJ	DATE:	-	INSPECTOR'S				ACCEPTANCE BY		COMPANY NAME		DATE	MMM. YYYY							
-	-	-	-	CROSS CHK'D BY:	-	DATE:	-	INSPECTOR'S NAME				NAME												
-	-	-	-	APPROVED BY:	-	DATE:	-	SUBSTANTIAL				COMPLETION DATE		MMM. YYYY										
GRAPHIC SCALE				MAPS/RECORDS INFO.						DRAWINGS	CORRECTED BY		COMPANY NAME	DATE		MMM. YYYY	SITE & ROADWAY PLAN 3							
THIS BAR MEASURES 1" AT FULL SCALE (ANSI D)										LICENSE NO.	DATE				WATER AUTHORITY		CONSTRUCTION PROJECT NO.		2320.015YY	ZONE	MAP NO.	F-23	SHEET	C3

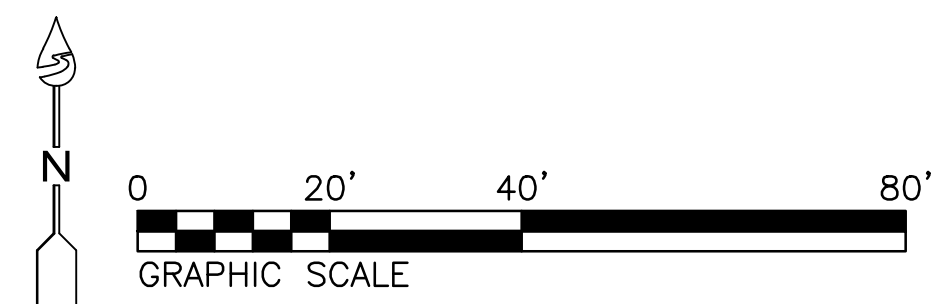
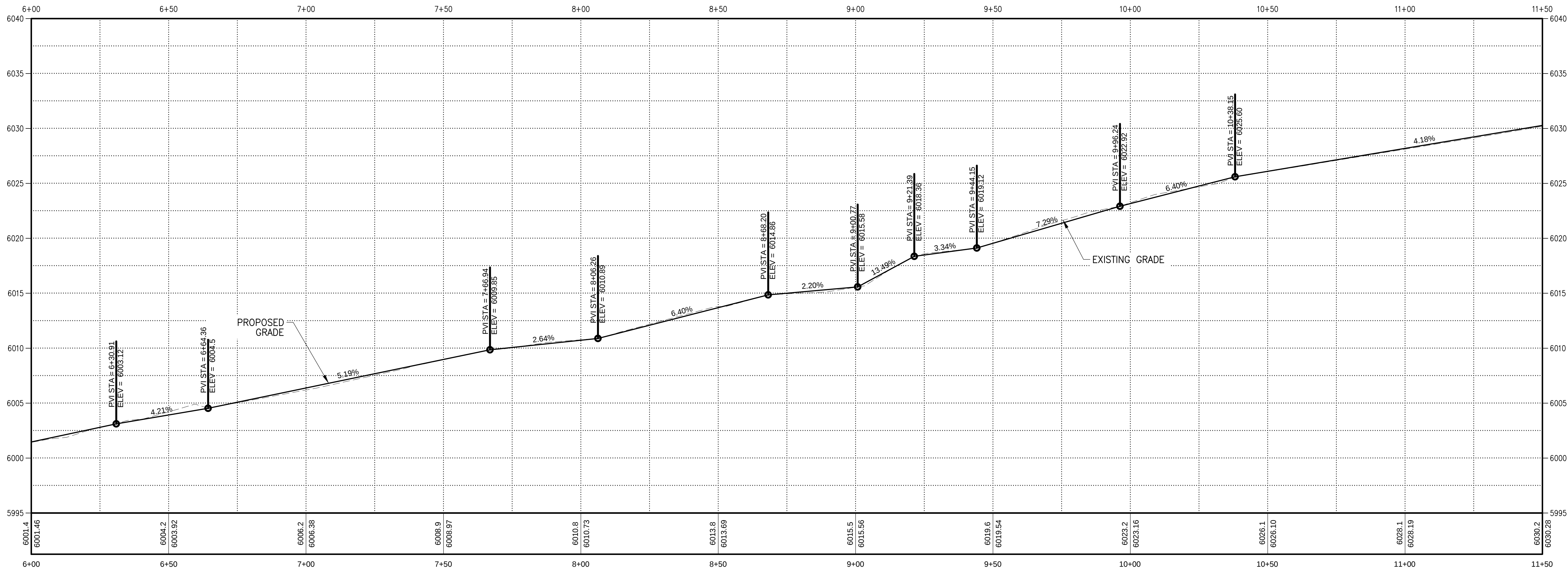
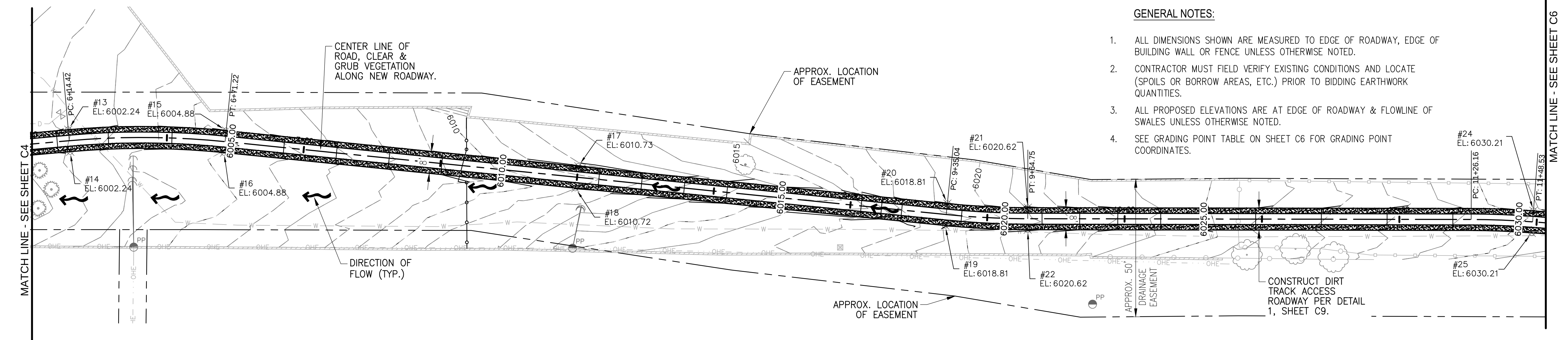


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3. ALL PROPOSED ELEVATIONS ARE AT EDGE OF ROADWAY & FLOWLINE OF SWALES UNLESS OTHERWISE NOTED.
4. SEE GRADING POINT TABLE ON SHEET C6 FOR GRADING POINT COORDINATES.



				SCALE:	DESIGN TRACKING			SUBMITTED BY:			AS BUILT INFORMATION			ENGINEER'S SEAL	ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY			
-	-	-	-	1"=20'	DESIGNED BY:	MJL	DATE: 6/30/2021				CONTRACTOR COMPANY NAME				TITLE: GLENWOOD HILLS RESERVOIR 2			
-	-	-	-	ATTENTION	DRAWN BY:	AS	DATE: 6/30/2021				CONSTRUCTION BEGIN DATE MMM. YYYY							
-	-	-	-	0 1/2" 1"	CHECKED BY:	SJ	DATE: -				INSPECTOR'S ACCEPTANCE BY COMPANY NAME DATE MMM. YYYY							
-	-	-	-		CROSS CHK'D BY:	-	DATE: -				INSPECTOR'S NAME NAME							
-	-	-	-	GRAPHIC SCALE	APPROVED BY:	-	DATE: -				SUBSTANTIAL COMPLETION DATE MMM. YYYY							
-	-	-	-	THIS BAR MEASURES 1" AT FULL SCALE (ANSI D)	MAPS/RECORDS INFO.						DRAWINGS CORRECTED BY COMPANY NAME DATE MMM. YYYY				WATER AUTHORITY CONSTRUCTION PROJECT NO. 2320.015YY			
NO.	DATE	REVISION NO. & DESCRIPTION		BY	-			-			-			ZONE MAP NO. F-23			SHEET C4	

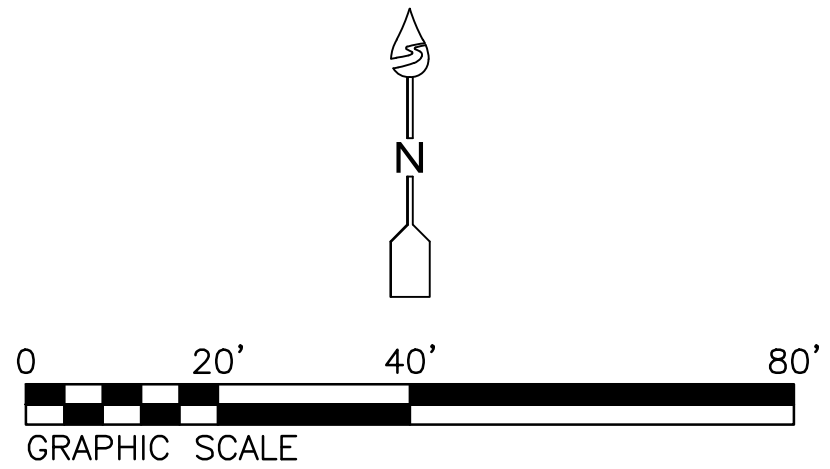
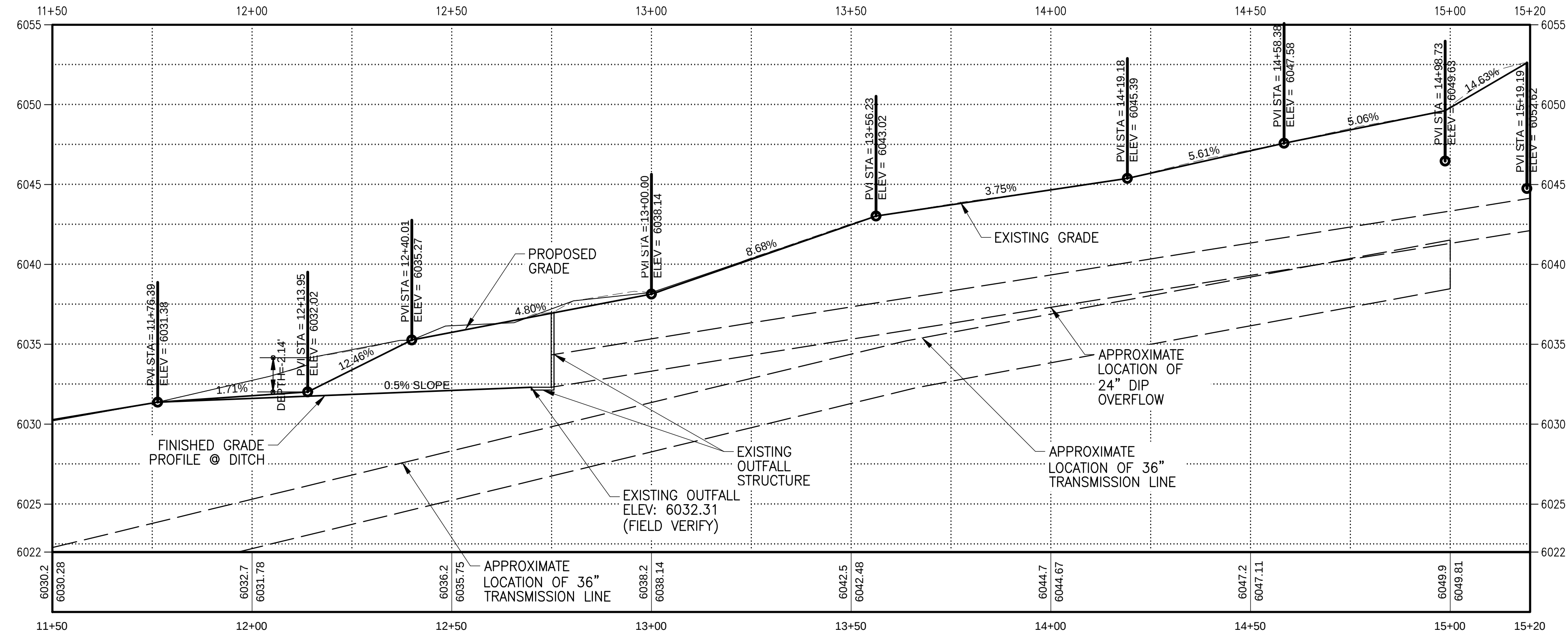
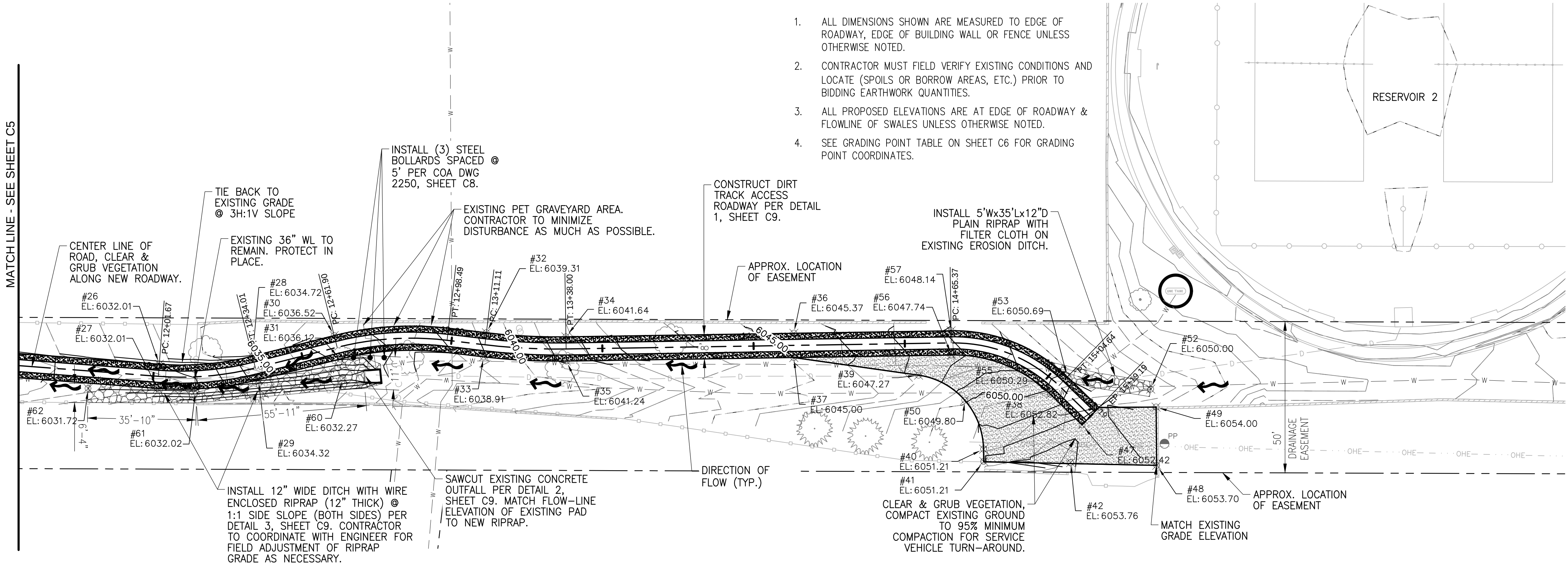


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AN NV5 COMPANY

				SCALE:	DESIGN TRACKING		SUBMITTED BY:		AS BUILT INFORMATION		ENGINEER'S SEAL	ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY		
-	-	-	-	1"=20'	DESIGNED BY:	MJL	DATE:	6/30/2021	CONTRACTOR	COMPANY NAME		GLENWOOD HILLS RESERVOIR 2		
-	-	-	-	ATTENTION	DRAWN BY:	AS	DATE:	6/30/2021	CONSTRUCTION BEGIN DATE	MMM. YYYY		TITLE:		
-	-	-	-	0 1/2" 1"	CHECKED BY:	SJ	DATE:	-	INSPECTOR'S ACCEPTANCE BY	COMPANY NAME		GRADING AND DRAINAGE PLAN 2		
-	-	-	-	GRAPHIC SCALE	CROSS CHK'D BY:	-	DATE:	-	INSPECTOR'S NAME	NAME		WATER AUTHORITY		
-	-	-	-	THIS BAR MEASURES 1" AT FULL SCALE (ANSI D)	APPROVED BY:	-	DATE:	-	SUBSTANTIAL COMPLETION DATE	MMM. YYYY		CONSTRUCTION PROJECT NO. 2320.015YY		
NO.	DATE	REVISION NO. & DESCRIPTION	BY		MAPS/RECORDS INFO.				DRAWINGS CORRECTED BY	COMPANY NAME	DATE MMM. YYYY	ZONE MAP NO.	F-23	SHEET C5

GENERAL NOTES:

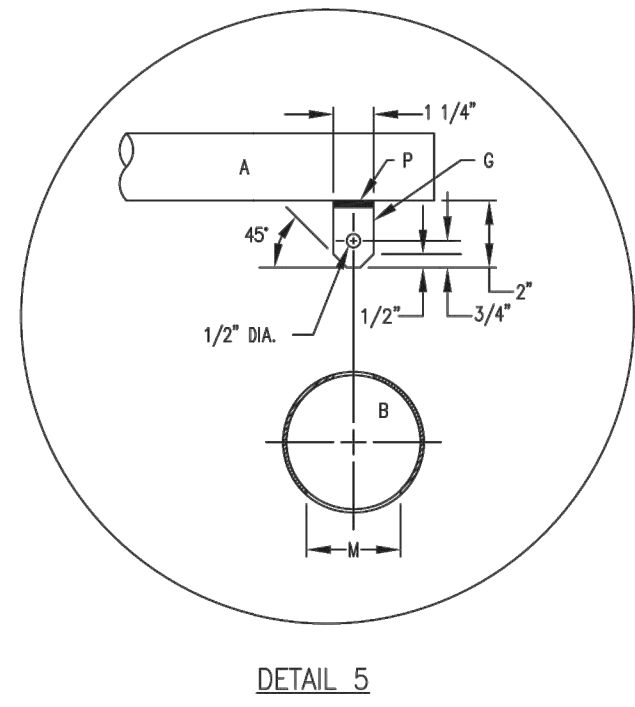
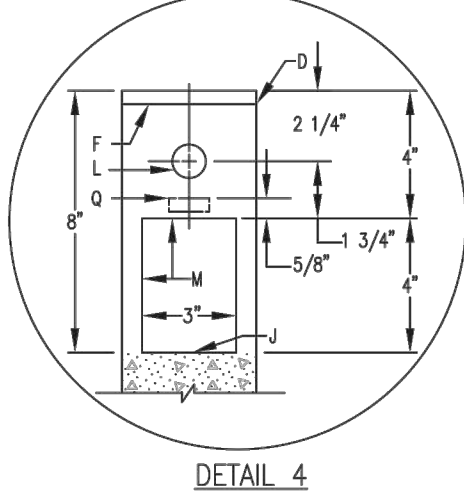
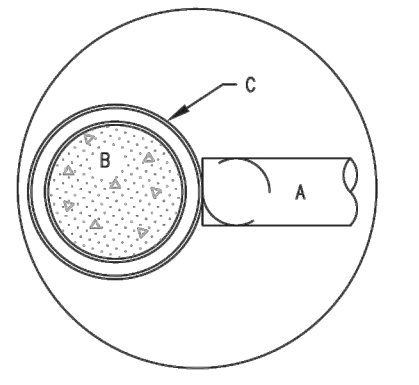
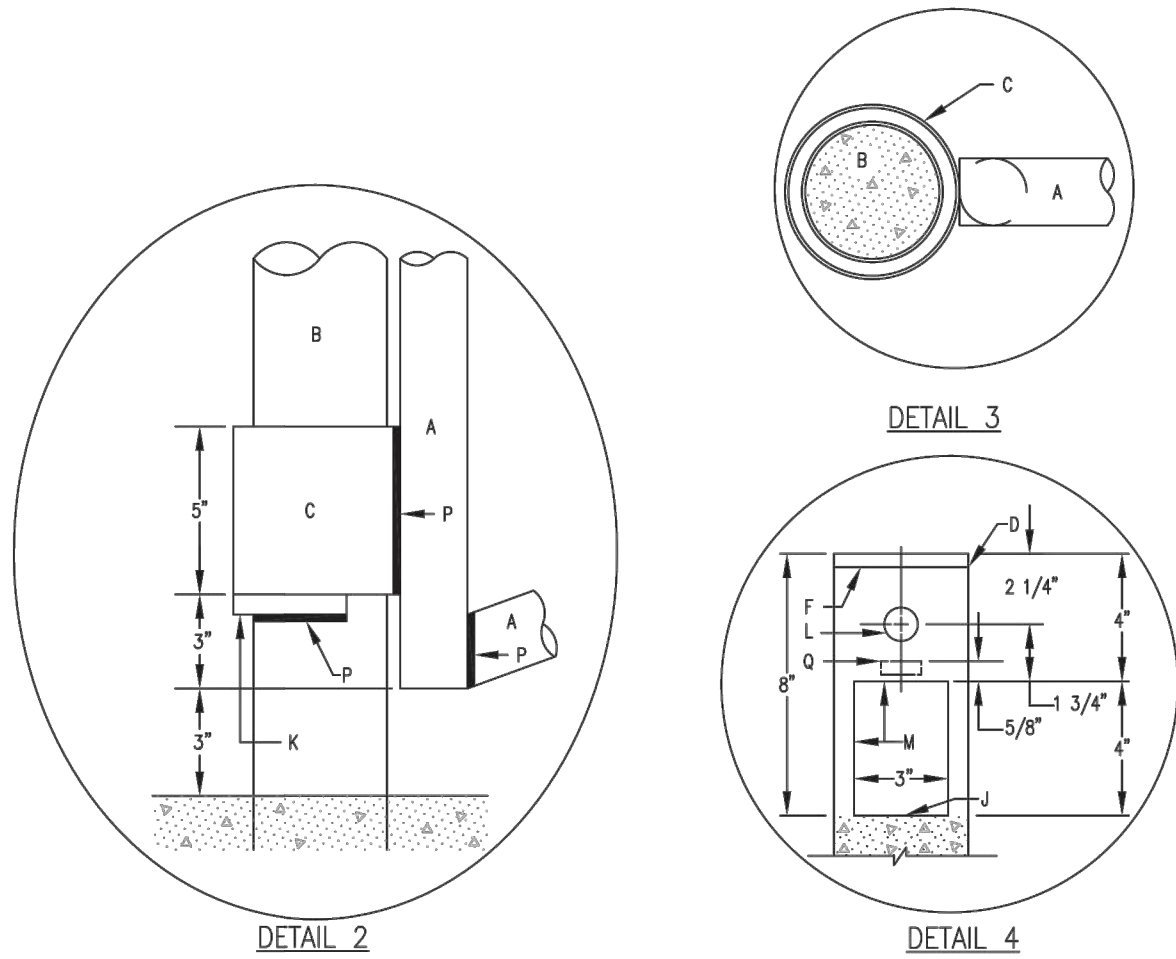
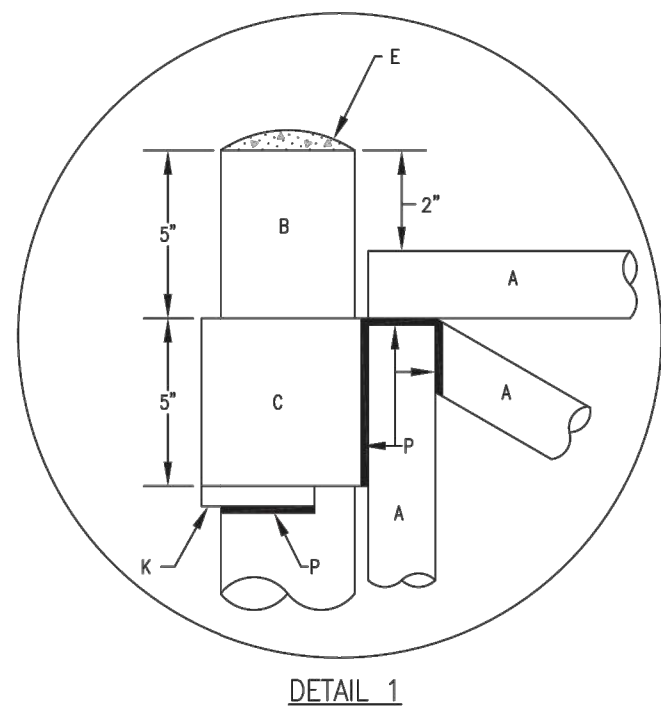
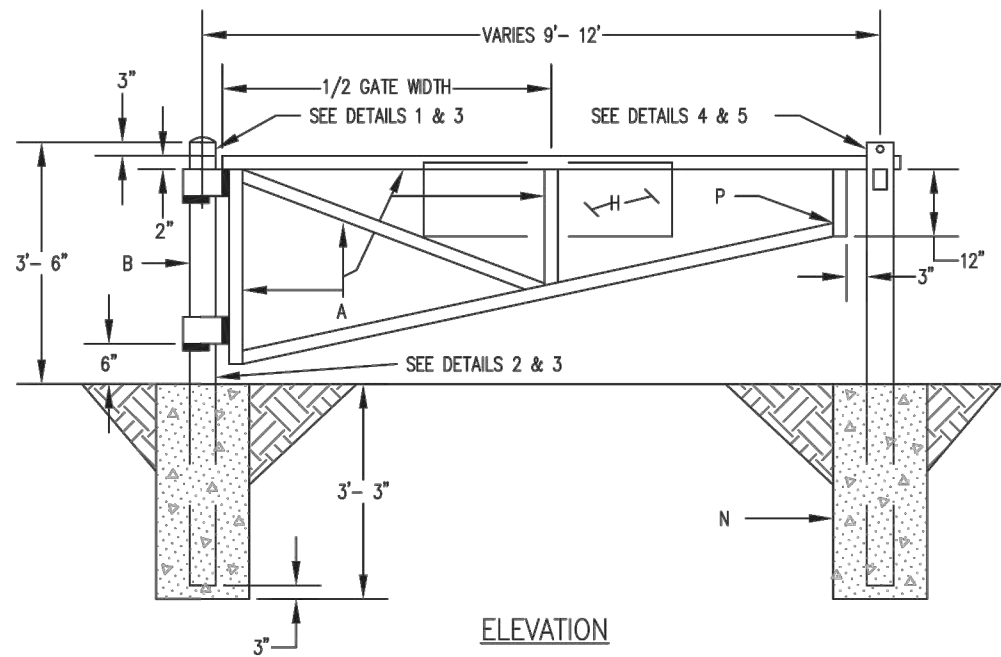
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- SEE GRADING POINT TABLE ON SHEET C6 FOR GRADING POINT COORDINATES.



Grading Point Table			
Point #	Elevation	Northing	Easting
1	5974.16	1504879.12	1567695.36
2	5974.16	1504887.12	1567695.21
3	5982.69	1504891.08	1567899.15
4	5982.69	1504883.08	1567899.31
5	5984.36	1504884.31	1567938.13
6	5984.36	1504876.84	1567935.29
7	5985.80	1504880.33	1567948.61
8	5985.80	1504872.85	1567945.77
9	5991.02	1504874.44	1567991.23
10	5991.02	1504866.47	1567991.94
11	5999.00	1504874.99	1568087.81
12	5999.00	1504882.96	1568087.10
13	6002.24	1504888.32	1568147.36
14	6002.24	1504880.35	1568148.07
15	6004.88	1504887.97	1568204.84
16	6004.88	1504880.01	1568204.03
17	6010.73	1504875.03	1568332.99
18	6010.72	1504867.09	1568331.93
19	6018.81	1504853.50	1568466.52
20	6018.81	1504861.46	1568467.33
21	6020.62	1504859.96	1568496.59
22	6020.62	1504851.96	1568496.58
24	6030.21	1504858.81	1568680.64
25	6030.21	1504850.83	1568680.03
26	6032.01	1504854.77	1568733.62
27	6032.01	1504846.79	1568733.02
28	6034.72	1504857.40	1568764.42
29	6034.32	1504849.65	1568766.38
30	6036.52	1504864.23	1568791.46
31	6036.12	1504856.47	1568793.42
32	6039.31	1504865.16	1568841.77
33	6038.91	1504857.22	1568840.82
34	6041.64	1504863.81	1568868.06
35	6041.24	1504855.81	1568868.18
36	6045.37	1504864.99	1568943.41
37	6045.00	1504856.99	1568943.41
38	6052.82	1504840.46	1569044.29
39	6047.27	1504851.14	1568984.66
40	6051.21	1504826.70	1569006.15
41	6051.21	1504822.64	1569006.20
42	6053.76	1504822.28	1569034.94
47	6052.42	1504834.72	1569038.72
48	6053.70	1504821.35	1569063.40
49	6054.00	1504840.60	1569063.18
50	6049.80	1504842.89	1568999.92
52	6050.00	1504846.55	1569061.41
53	6050.69	1504850.59	1569033.84
55	6050.29	1504844.85	1569028.27
56	6047.74	1504857.81	1568995.54
57	6048.14	1504865.81	1568995.41
59	5975.70	1504912.35	1567666.00
60	6032.27	1504850.10	1568794.38
61	6032.02	1504845.93	1568745.58
62	6031.72	1504846.77	1568710.08

WHPacific
AN NV5 COMPANY

-				SCALE:		DESIGN TRACKING			SUBMITTED BY:			AS BUILT INFORMATION			ENGINEER'S SEAL		ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY																		
-				1"=20'		DESIGNED BY:	MJL	DATE:	6/30/2021	-			CONTRACTOR			COMPANY NAME				TITLE: GLENWOOD HILLS RESERVOIR 2 GRADING AND DRAINAGE PLAN 3															
-				DRAWN BY:		AS	DATE:	6/30/2021	CONSTRUCTION BEGIN DATE				MMM. YYYY																						
-				CHECKED BY:		SJ	DATE:	-	LICENSE NO.				DATE		INSPECTOR'S ACCEPTANCE BY		COMPANY NAME							DATE		MMM. YYYY									
-				CROSS CHK'D BY:		-	DATE:	-	INSPECTOR'S NAME				NAME																						
-				APPROVED BY:		-	DATE:	-	SUBSTANTIAL COMPLETION DATE				MMM. YYYY																						
-				GRAPHIC SCALE		MAPS/RECORDS INFO.			-			DRAWINGS CORRECTED BY			COMPANY NAME		DATE		MMM. YYYY		WATER UTILITY AUTHORITY		CONSTRUCTION PROJECT NO.		2320.015YY		ZONE MAP NO.		F-23		SHEET		C6		
-				THIS BAR MEASURES 1" AT FULL SCALE (ANSI D)		-			-			-			-			-		-		-		-		-		-		-		-		-	



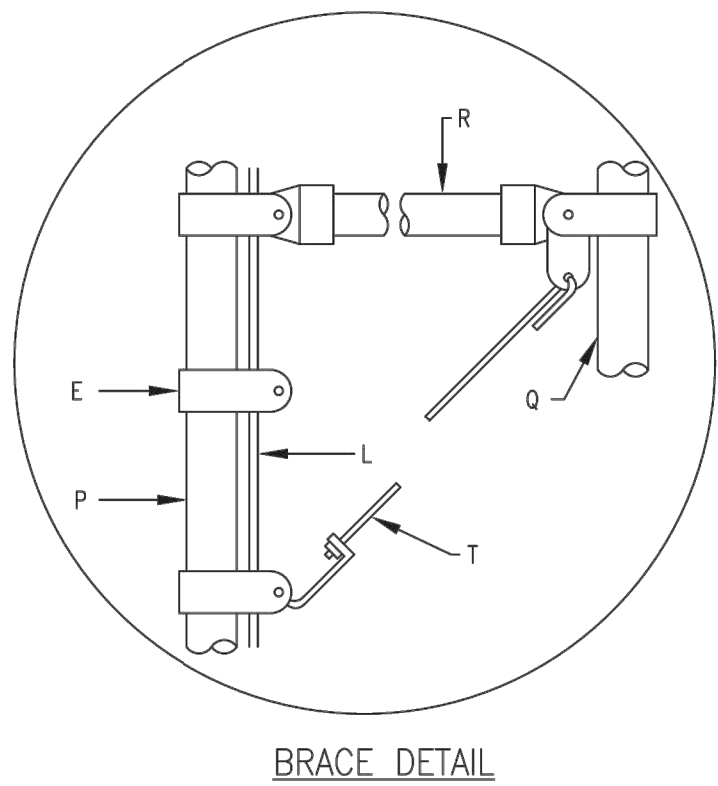
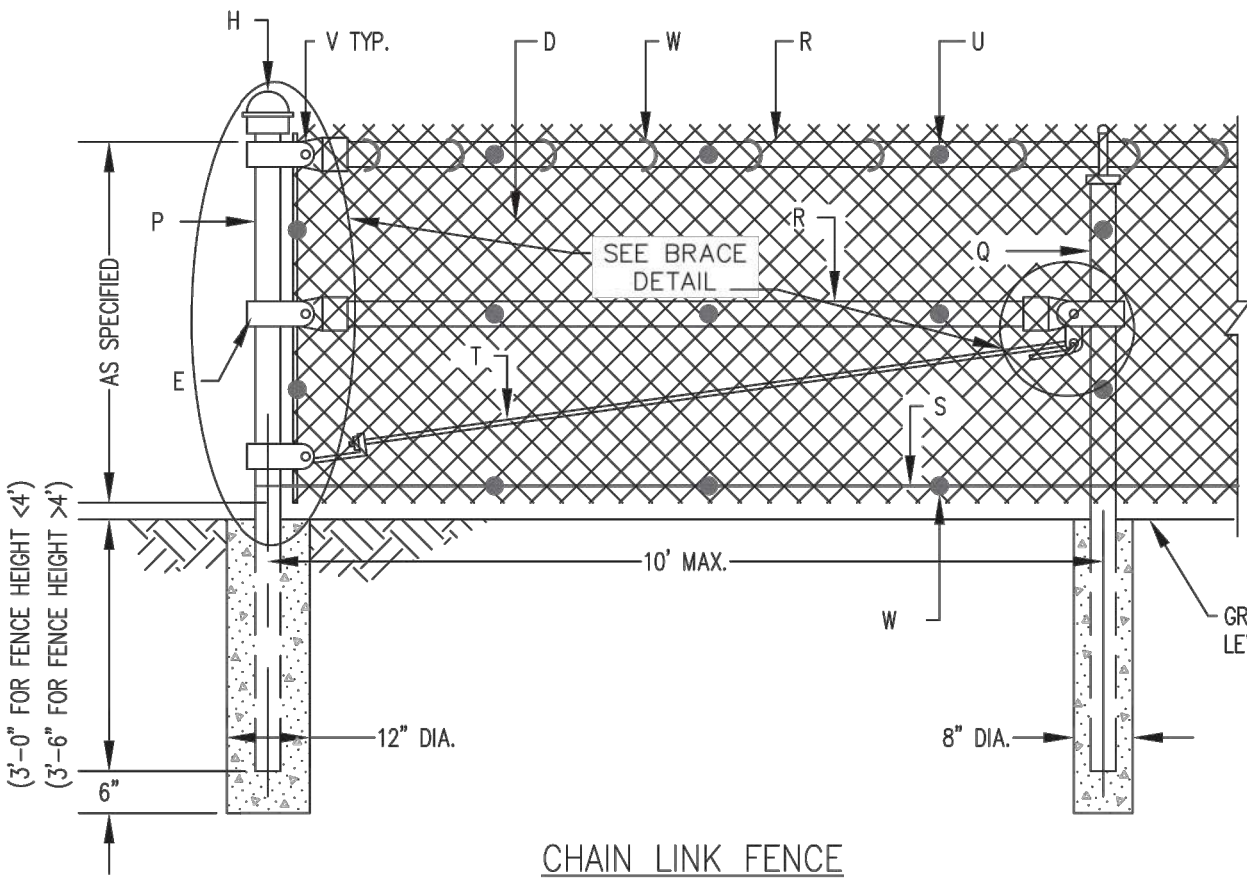
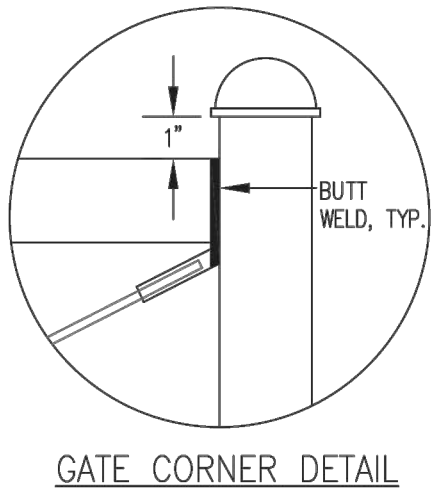
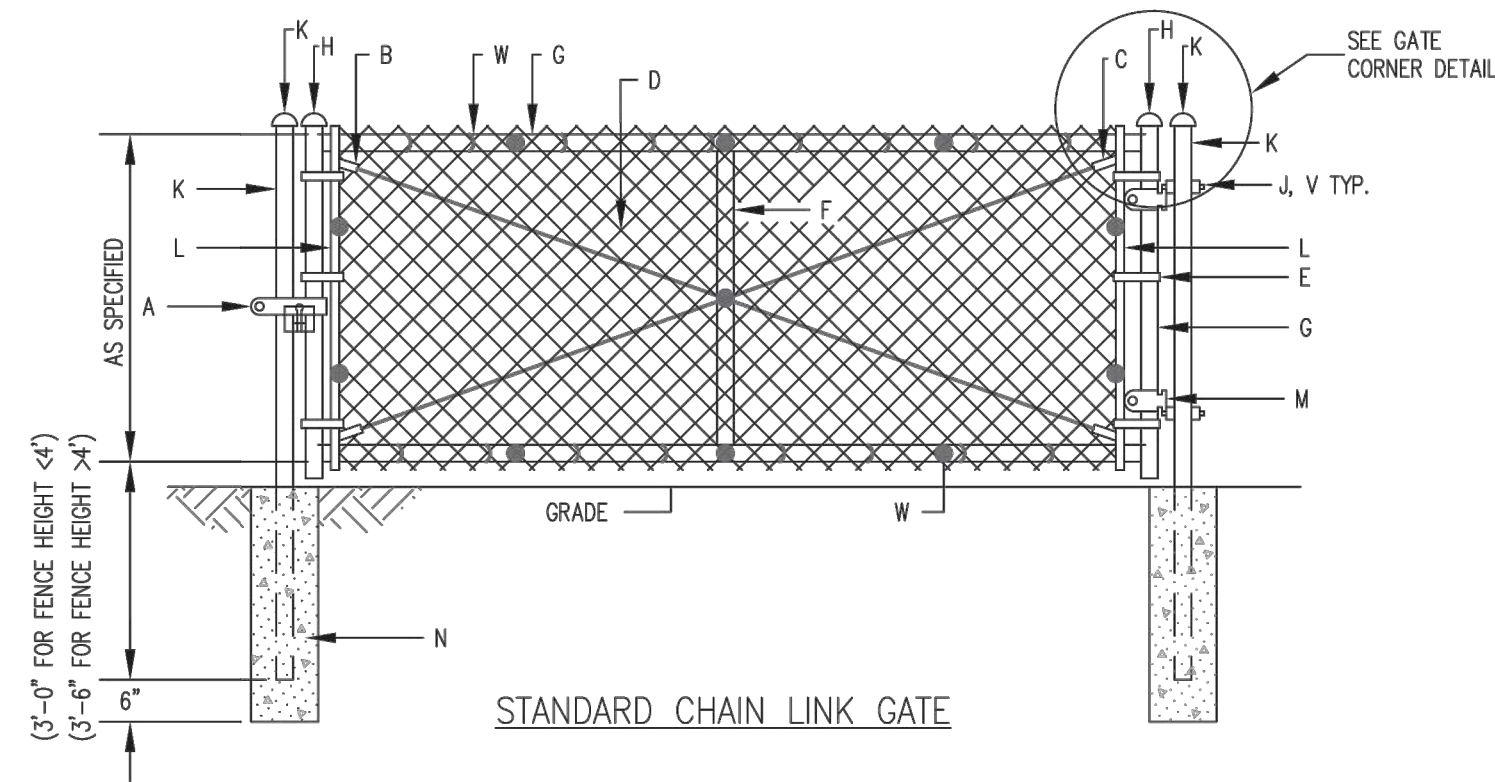
GENERAL NOTES

- ALL WELDED AND CUT AREAS TO BE CLEANED THOROUGHLY WITH A WIRE BRUSH AND OR SAND BLAST AND REGALVANIZED.
- REGALVANIZING SHALL BE WITH SHERWIN WILLIAMS ZINC CLAD 7 PRIMER OR EQUAL.

CONSTRUCTION NOTES

- 2" NOMINAL DIA. GALV. PIPE, MIN. WEIGHT PER FOOT 3.65 LBS.
- 4" DIA. BLACK STEEL PIPE, MIN. 10.79 LBS./FT., CONC. FILLED, PAINT W/2 COATS ALUM. PAINT.
- 5" DIA. BLACK STEEL PIPE, MIN. 14.62 LBS./FT., PAINT W/2 COATS ALUM. PAINT.
- 1/4" BUTT WELD ALL AROUND.
- CONCRETE ROUNDED AT TOP OF POST.
- 3/8" X 4 1/4" DIA. STEEL PLATE.
- 3/8" STEEL PLATE FLANGE.
- REFLECTIVE SIGN STATING, AUTHORIZED VEHICLES ONLY, WILL BE PROVIDED AND INSTALLED BY CITY.
- STOP CONC. IN PIPE AT THIS POINT.
- 1/2" SQ. STEEL BAR FOR HINGE SUPPORT. POSITION BAR TO ALLOW UNRESTRICTED GATE ROTATION THROUGH ENTIRE SWING OF GATE OPENING.
- 1" DIA. FINGER HOLE.
- MAKE A 3" X 4" CUT IN PIPE.
- 3,000 PSI AIR ENTRAINED FLY ASH CONC.
- WELD ALL 2" PIPE & FIXTURE CONNECTIONS WITH 3/8" FILLET ALL AROUND.
- 1 1/2" X 5/8" SLOT FOR STEEL PLATE FLANGE.

REVISIONS	CITY OF ALBUQUERQUE
	DRAINAGE
	PIPE GATE DETAIL
	DWG. 2251 JUNE 2019



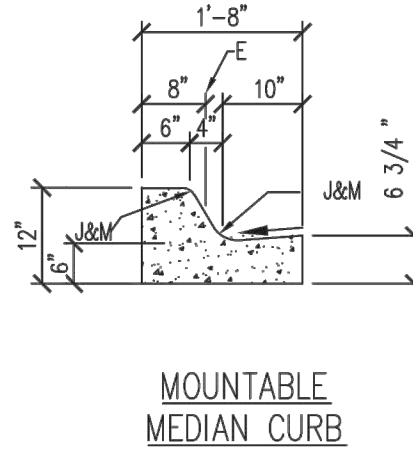
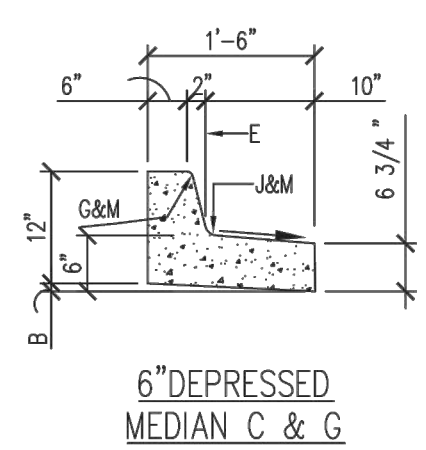
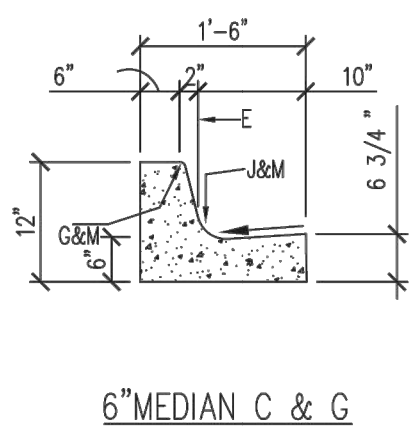
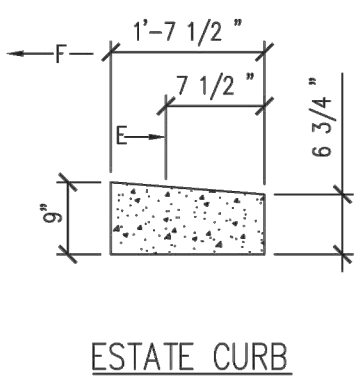
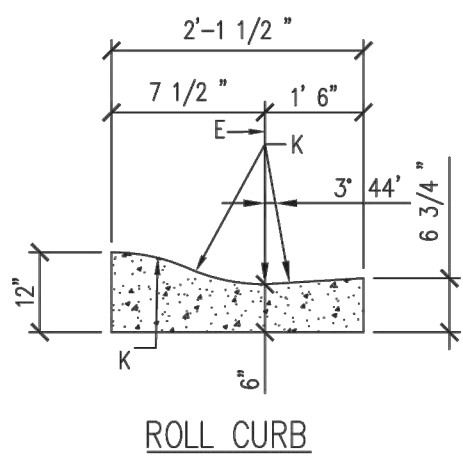
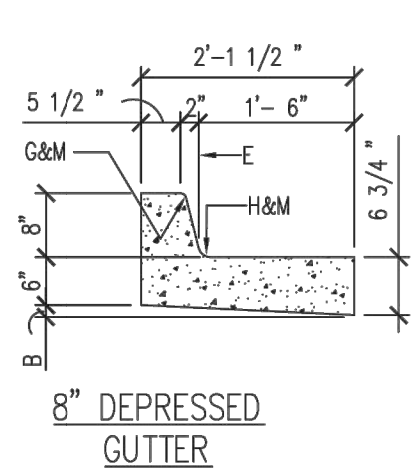
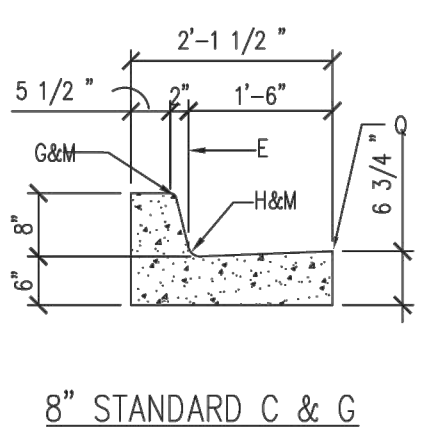
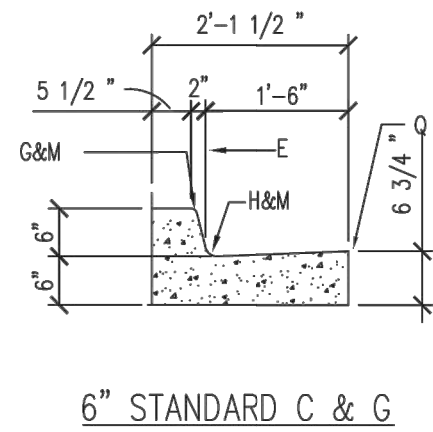
GENERAL NOTES

- GATE TO BE USED AS SPECIFIED ON CONSTRUCTION DRAWINGS FOR DRAINAGE EASEMENT BARRICADE, SEE DWG. 2251 OR DWG. 2253.
- SINGLE LEAF GATES WILL BE USED ON OPENINGS OF 12' OR LESS. FOR MORE THAN 12', DOUBLE LEAF GATES SHALL BE USED, WITH A CENTER LOCK POST INSERTED IN A PIPE SLEEVE IN CENTER OF OPENING.
- DIMENSIONS ABOVE OR BELOW GRADE LEVEL WILL BE ON CONSTRUCTION DRAWINGS. IF NONE ARE NOTED, MESH IS FLUSH WITH GRADE LEVEL.
- ALL METAL ITEMS, INCLUDING PIPE, SHALL BE GALV. STEEL. ALL PIPE SHALL BE NOMINAL SIZE, SCH. 40.

CONSTRUCTION NOTES

- GATE LATCH WITH VANDAL PROOF SHIELD & PADLOCK. PADLOCK TO BE FURNISHED BY THE CITY.
- (2) 3/8" TRUSS RODS, WELDED AT CORNERS.
- (2) 3/8" THREADED TRUSS RODS AND BRACKET ATTACHMENT.
- 2" NO. 9 GAUGE CHAIN LINK GALV. WIRE FABRIC.
- STEEL TENSION BANDS AT 18" OR LESS O.C.
- BRACE, 1 1/4" DIA., WELDED TO FRAME.
- GATE FRAME, 2" DIA. (2.375 O.D.) WELDED.
- MALLEABLE ACORN CAP. J. 4" J-BOLT, THREADED.
- 3 1/2" GATE POST (4" O.D.) WITH WELDED STEEL CAP.
- TENSION BAR 1/4" X 3/4".
- GATE CLAMP.
- 12" DIA. HOLES, FILLED WITH PORTLAND CEMENT CONC.
- CORNER POST, 2 1/2" DIA. (2.875 O.D.).
- LINE POST, 2" DIA. (2.375 O.D.).
- TOP AND BRACE RAILS, 1 1/4" DIA. (1.660 O.D.).
- WIRE REINFORCEMENT, 9 GAUGE, INSTALL 3" ABOVE BOTTOM OF FABRIC.
- TRUSS ROD, 3/8" DIA.
- FABRIC SHALL BE TACK WELDED TWO PLACES TO EACH TENSION BAR AND THREE PLACES TO ALL TOP AND BRACE RAILS BETWEEN POSTS.
- ALL NUTS, BOLTS, AND OTHER CONNECTIONS SHALL BE TACK WELDED.
- WIRE TIES, 9 GA. GALV. STEEL AT 18" O.C.

REVISIONS	CITY OF ALBUQUERQUE
	DRAINAGE
	STANDARD CHAIN LINK GATE AND FENCE DETAIL
	DWG. 2252 JUNE 2019



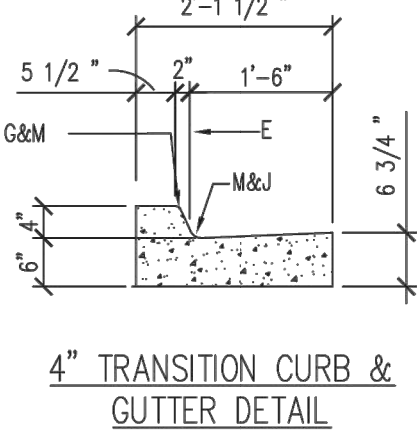
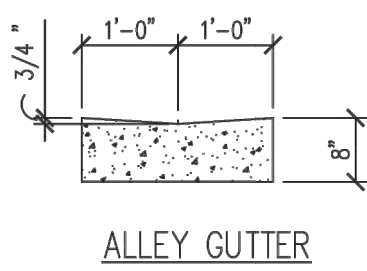
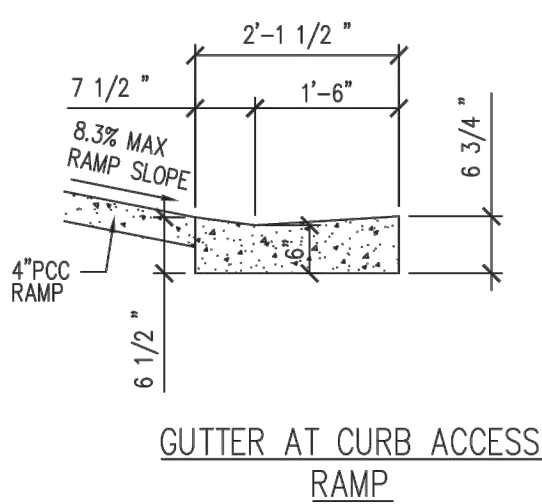
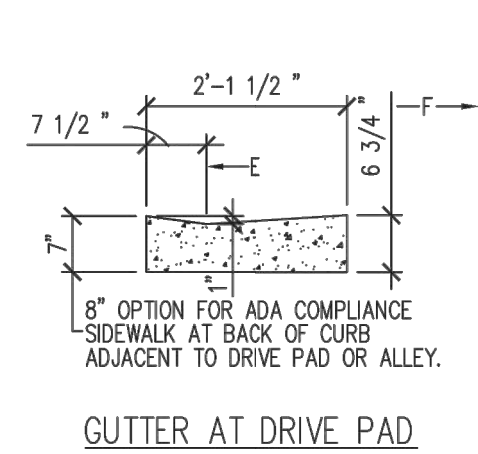
GENERAL NOTES

- CURB, GUTTER AND CUT-OFF WALL WILL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE (PCC).
- FOR STANDARD AND MEDIAN C & G ADJACENT TO ASPHALT CONCRETE (AC) PAVEMENT, PROVIDE CONTRACTION JOINTS AT 12' MAX. SPACING. CONTRACTION JOINTS SHALL BE EITHER SAWED OR TOOLED A MINIMUM OF 1" DEEP AT FINISHED FACES. 1/2" EXPANSION JOINTS TO BE INSTALLED AT CURB RETURNS AND AT A MAXIMUM SPACING OF 200' BETWEEN CURB RETURNS AND SEPARATELY CONSTRUCTED DRIVEWAYS.
- FOR ALL OTHER C & G AND CUT-OFF WALL PROVIDE CONTRACTION JOINTS AT 10' MAX SPACING, 1/2" EXPANSION JOINTS AT CURB RETURNS & AT A MAXIMUM SPACING OF 100' BETWEEN CURB RETURNS & EACH SIDE OF SEPARATELY CONSTRUCTED DRIVEWAYS. CONTRACTION JOINTS SHALL BE EITHER SAWED OR TOOLED A MINIMUM OF 1" DEEP AT ALL FINISHED FACES. REINFORCEMENT SHALL NOT BE USED IN CUT-OFF WALLS.
- FOR C & G CONSTRUCTED WITH PCC PAVEMENT, CONTRACTION JOINTS AND EXPANSION JOINTS SHALL BE THE SAME AS THE PAVEMENT JOINTS.
- ALL EDGES SHALL BE EDGED WITH A 3/8" RADIUS EDGING TOOL.
- REMOVE & REPLACE PAVEMENT 1' WIDE ADJACENT TO LIP OF GUTTER WHEN CONSTRUCTING C & G ADJACENT TO EXISTING AC PAVEMENT.
- 1/4" ISOLATION JOINT SHALL BE PLACED BETWEEN SIDEWALK AND C & G WHEN CAST ADJACENT TO EACH OTHER.
- ADA = AMERICANS WITH DISABILITY ACT.

CONSTRUCTION NOTES

SEE COA DRAWING 2415B

REVISIONS	CITY OF ALBUQUERQUE
	PAVING
	CURB AND GUTTER DETAILS
	DWG. 2415A JUNE 2019



GENERAL NOTES

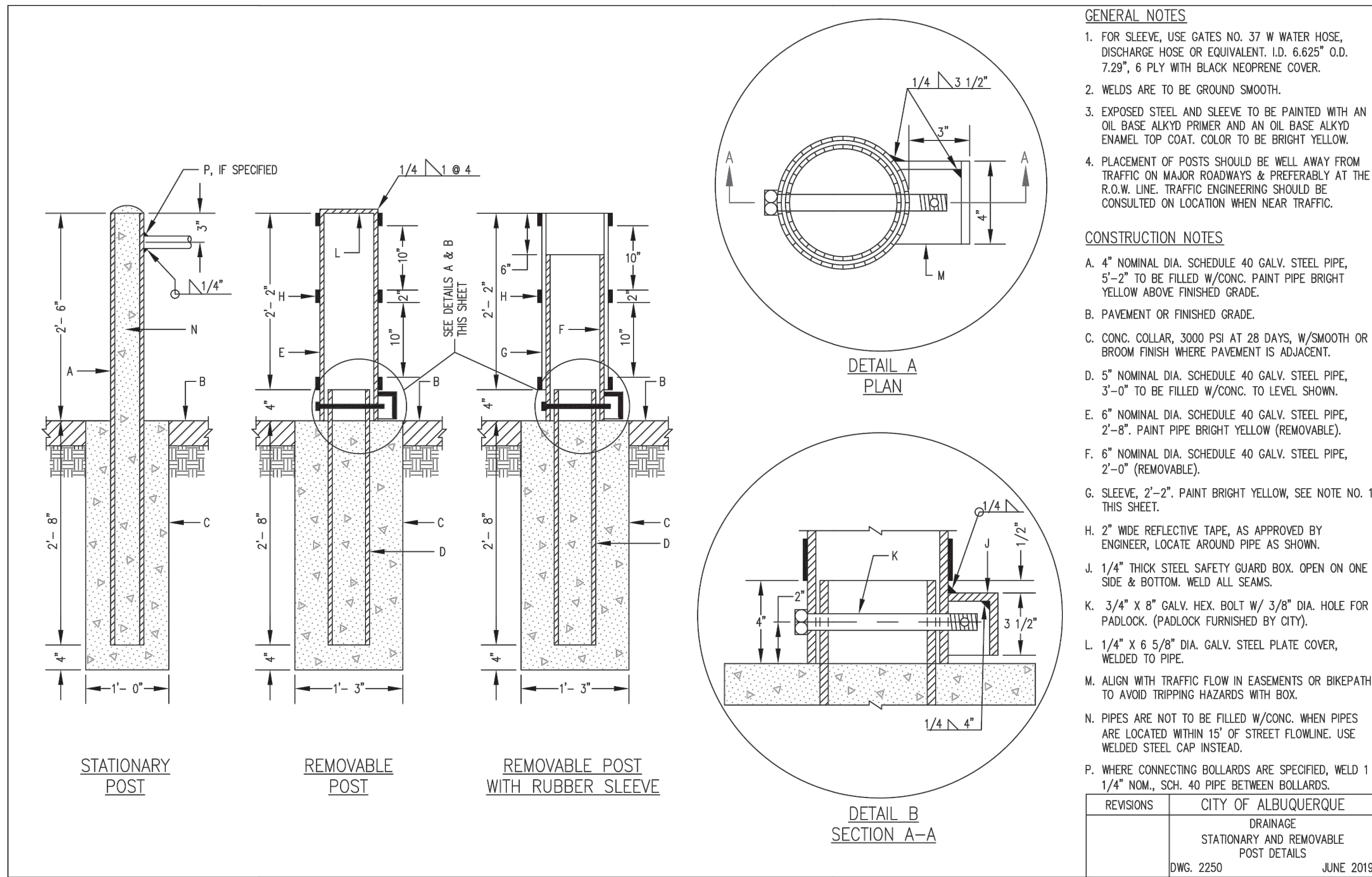
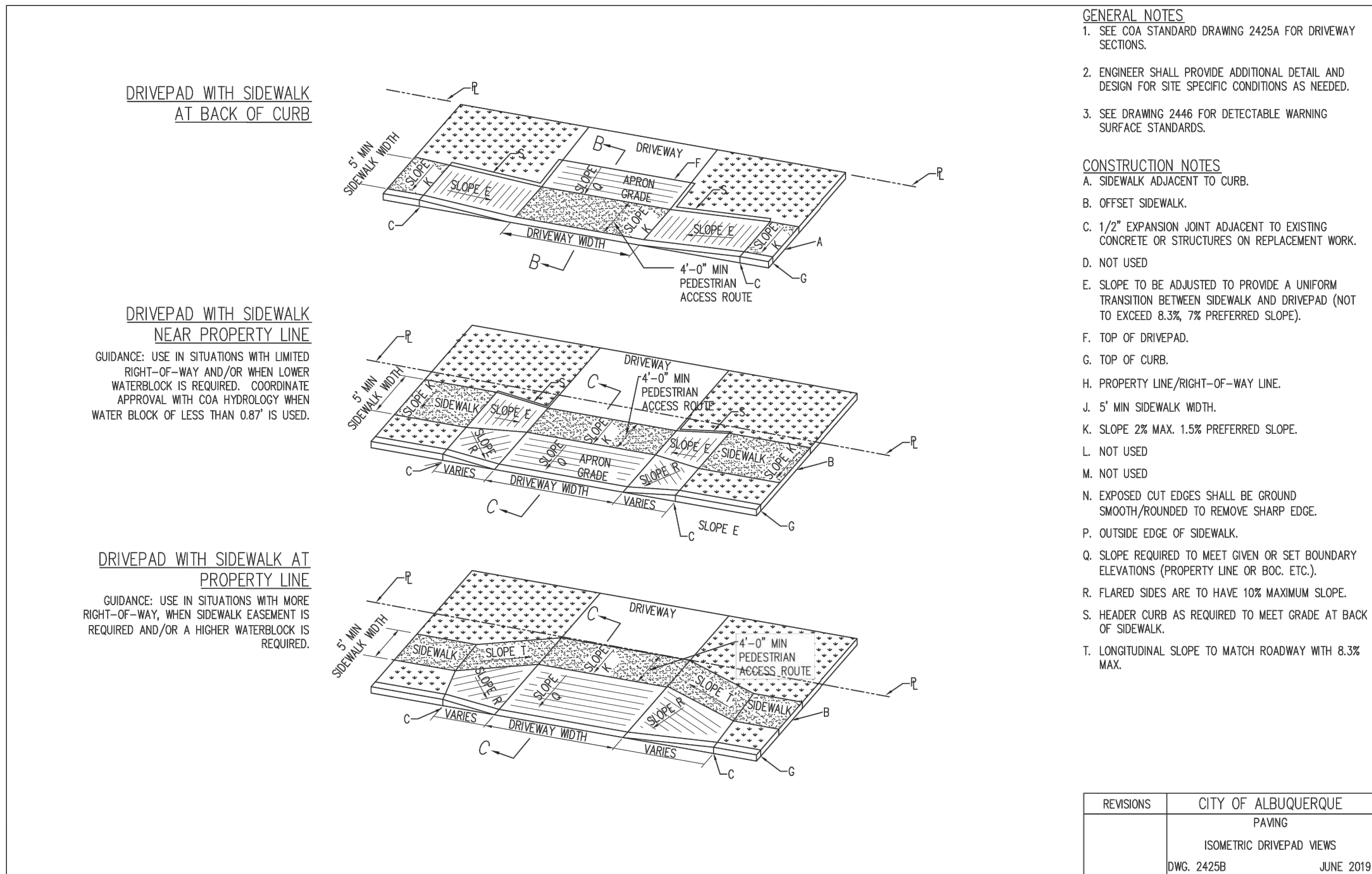
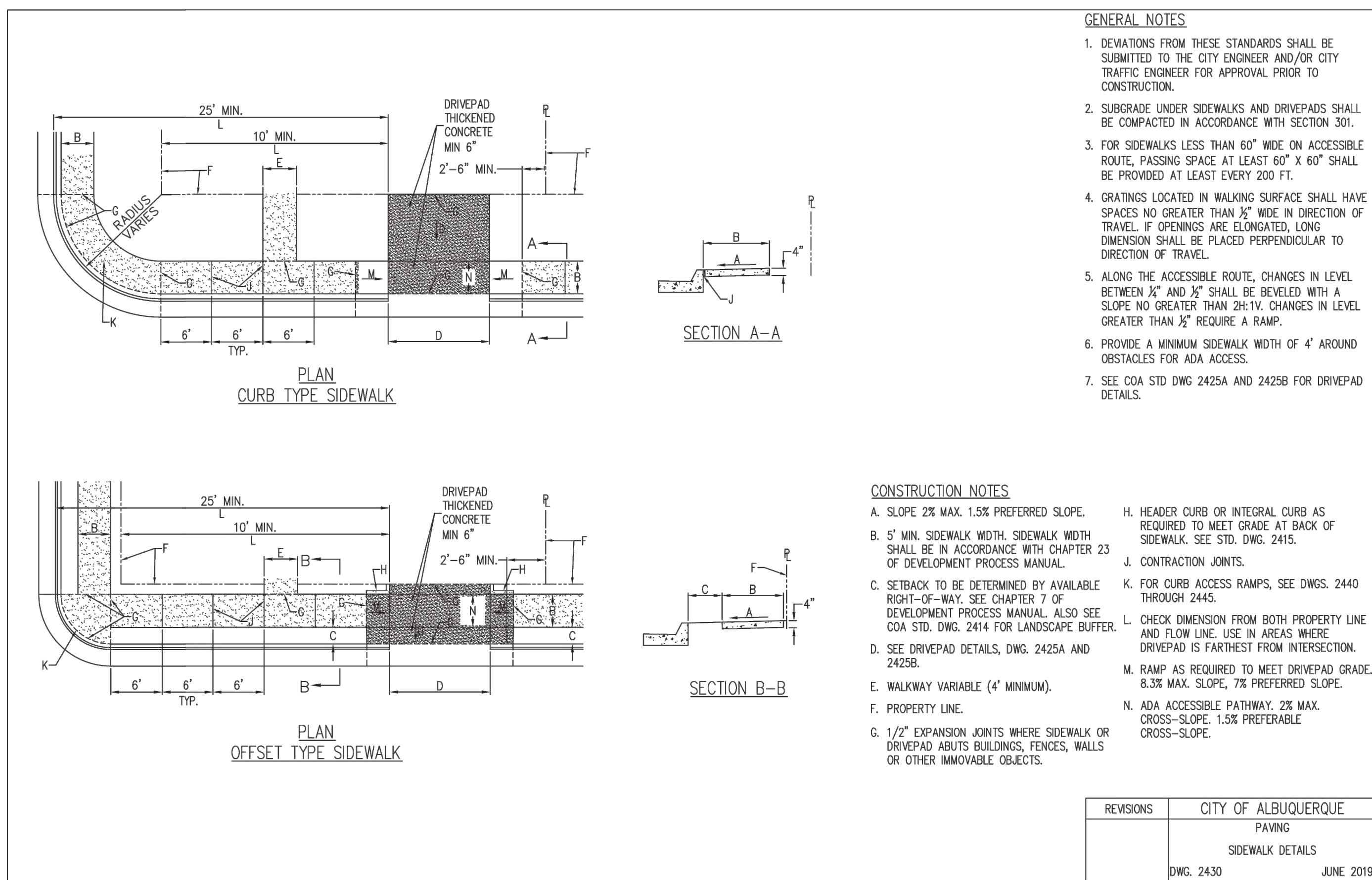
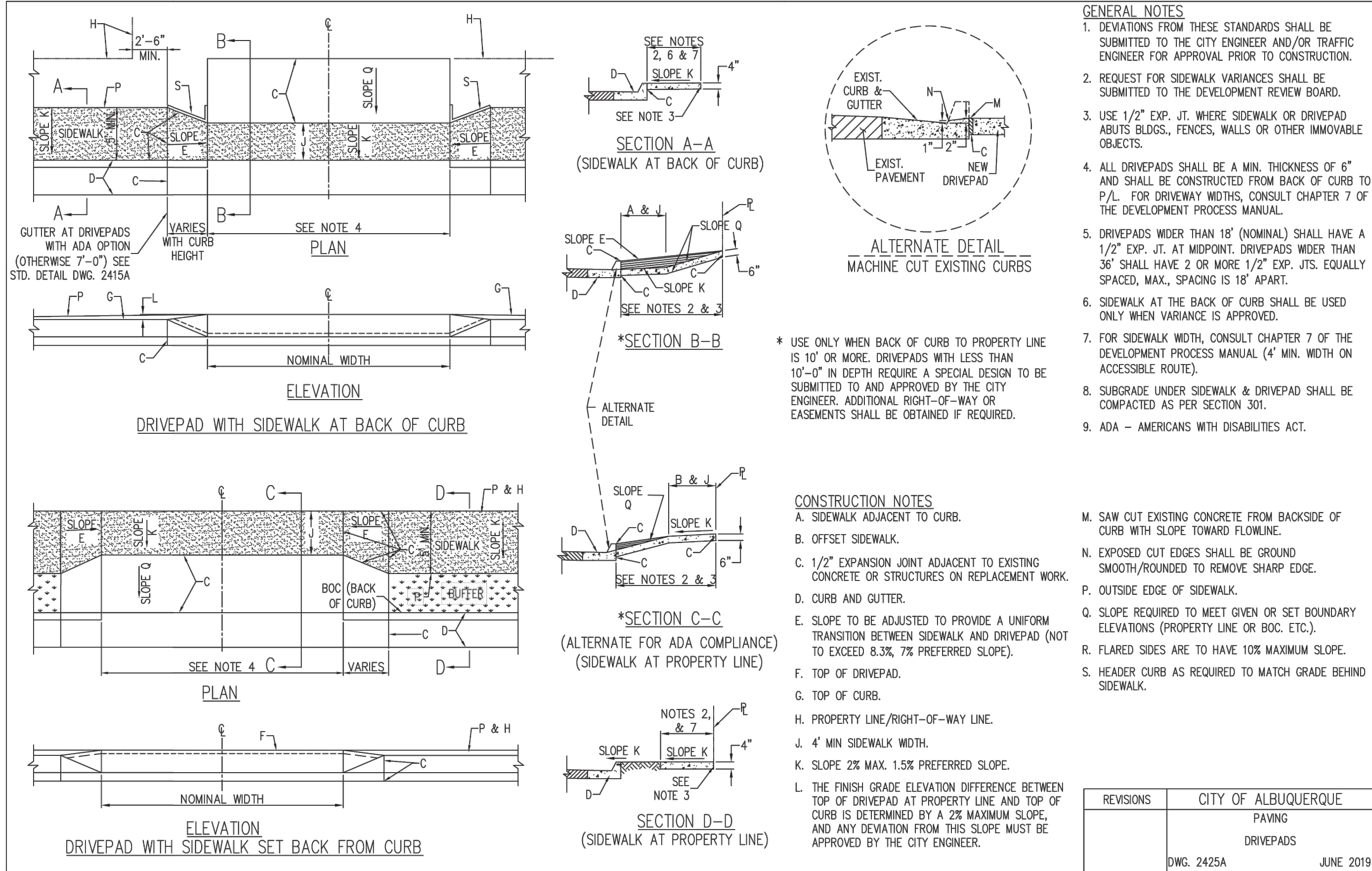
SEE COA DRAWING 2415A

CONSTRUCTION NOTES

- REQ. CONC. CHANNEL LINING, OR CUT-OFF WALL, PROVIDE 1/4" EXP JOINT BETWEEN BACK OF CURB & CHANNEL LINING AND/OR WALL.
- VARIABLE, DEPRESS AS NEEDED.
- DRIVE NO. 4 PINS 18" DEEP IN HOLES DRILLED @ 2" O.C. IN EXISTING PAVEMENT, SEAL WITH EPOXY.
- EXISTING ASPHALT CONCRETE (AC) OR PORTLAND CEMENT CONCRETE (PCC) PAVEMENT.
- FACE OF CURB/FLOW LINE.
- TRAFFIC SIDE.
- 3/4" RADIUS.
- 1-1/2" RADIUS.
- 2" RADIUS.
- 24" RADIUS.
- TACK COAT.
- DIMENSIONS AT ROUNDED CORNERS MEASURED TO INTERSECTION OF STRAIGHT LINES.
- NOT USED
- 8" SCARIFIED AND COMPACTED SUBGRADE. 95% MINIMUM COMPACTION PER SECTION 301.
- AC PAVEMENT.
- #4 CONT. BETWEEN JOINTS 3" COVER AT JOINTS.
- #3 PINS @ 3'-0" O.C. W/STD. HOOK.

REVISIONS	CITY OF ALBUQUERQUE
	PAVING
	CURB AND GUTTER DETAILS
	DWG. 2415B JANUARY 2019

—	—	—	—	SCALE:	DESIGN TRACKING	WHPacific AN NV5 COMPANY	AS BUILT INFORMATION	ENGINEER'S SEAL	ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY GLENWOOD HILLS RESERVOIR DETAIL SHEET 1 WATER AUTHORITY CONSTRUCTION PROJECT NO. 2320.015YY ZONE MAP NO. F-23 SHEET C7
—	—	—	—	N.T.S.	DESIGNED BY: MJL DATE: 6/30/2021		CONTRACTOR COMPANY NAME	MINXUAN LIN NEW MEXICO 20068 7-2-2021 PROFESSIONAL ENGINEER	
—	—	—	—	ATTENTION	DRAWN BY: AJS DATE: 6/30/2021		CONSTRUCTION BEGIN DATE MMM. YYYY		
—	—	—	—	0 1/2" = 1"	CHECKED BY: SJ DATE: —		INSPECTOR'S ACCEPTANCE BY COMPANY NAME DATE MMM. YYYY		
—	—	—	—	GRAPHIC SCALE	CROSS CHK'D BY: — DATE: —		INSPECTOR'S NAME NAME		
NO.	DATE	REVISION NO. & DESCRIPTION	BY	THIS BAR MEASURES 1" AT FULL SCALE (ANSI D)	APPROVED BY: — DATE: —	MAPS/RECORDS INFO.	SUBSTANTIAL COMPLETION DATE MMM. YYYY	DRAWINGS CORRECTED BY COMPANY NAME DATE MMM. YYYY	



-		-		SCALE:		DESIGN TRACKING				WH Pacific AN NV5 COMPANY		AS BUILT INFORMATION				ENGINEER'S SEAL		ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY TITLE: GLENWOOD HILLS RESERVOIR DETAIL SHEET 2			
-		-		N.T.S.		DESIGNED BY: -		DATE: 6/30/2021				CONTRACTOR COMPANY NAME									
-		-		ATTENTION 0 1/2" 1"  GRAPHIC SCALE THIS BAR MEASURES 1" AT FULL SCALE (ANSI D)		DRAWN BY: -		DATE: 6/30/2021				CONSTRUCTION BEGIN DATE MMM. YYYY									
-		-				CHECKED BY: -		DATE: -				INSPECTOR'S ACCEPTANCE BY COMPANY NAME DATE MMM. YYYY									
-		-				CROSS CHK'D BY: -		DATE: -				INSPECTOR'S NAME NAME									
-		-				APPROVED BY: -		DATE: -				SUBSTANTIAL COMPLETION DATE MMM. YYYY									
-		-				MAPS/RECORDS INFO.				DRAWINGS CORRECTED BY COMPANY NAME DATE MMM. YYYY				WATER AUTHORITY		CONSTRUCTION PROJECT NO. 2320.015YY		ZONE MAP NO. F-23		SHEET C8	

