

SOUTHERN SANDOVAL COUNTY ARROYO FLOOD CONTROL AUTHORITY STALLION CHANNEL ACCESS SEGMENT

SSCAFCA Project No. BL_P0051 BLACK ARROYO WATERSHED

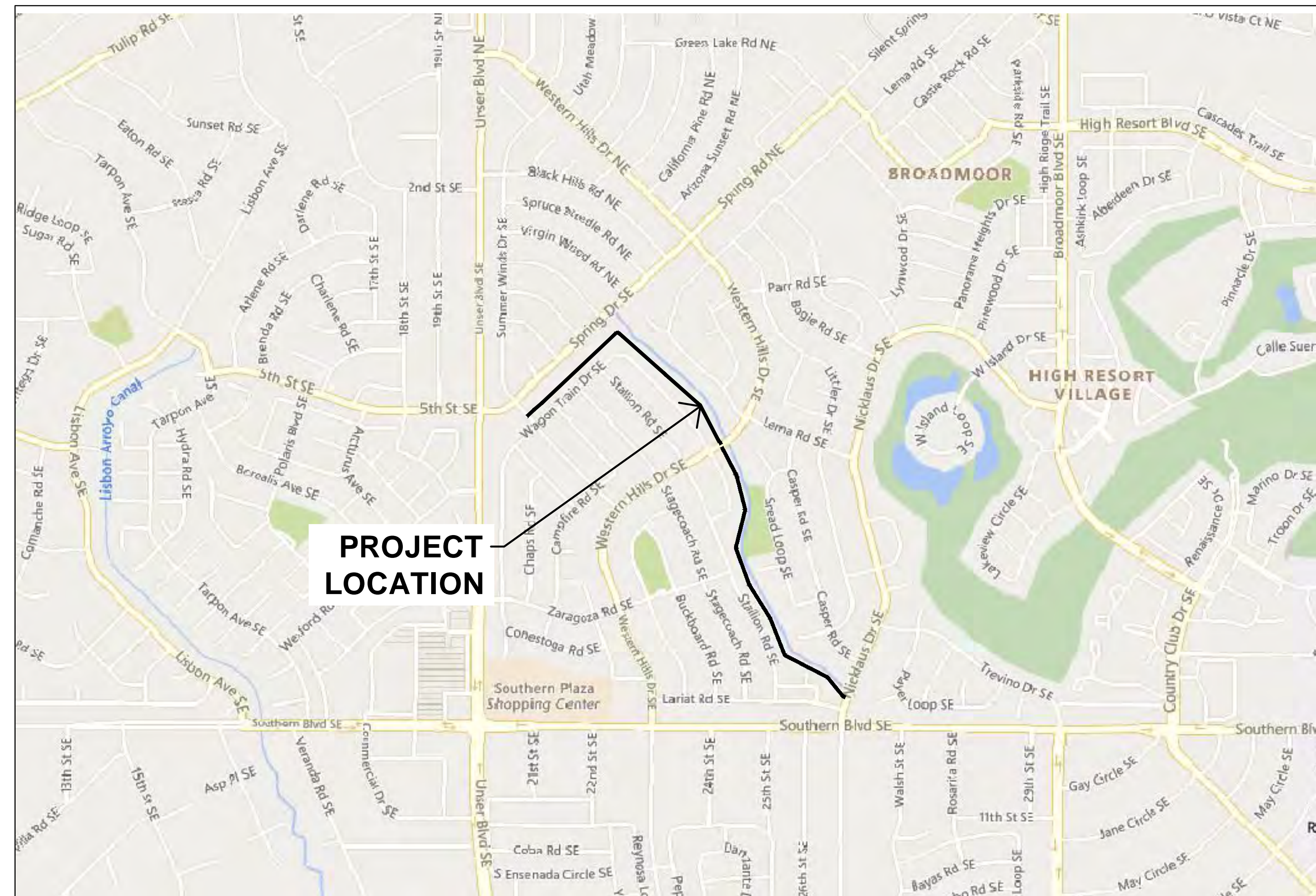


**Southern Sandoval
County
Arroyo Flood Control
Authority**

1041 Commercial Dr. S.E.
Rio Rancho, New Mexico 87124
505-892-RAIN (7246)
505-892-7241 (Fax)
www.sscafca.com



Sheet Index	
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2	GENERAL NOTES
3	SURVEY
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5	SURVEY
6	SURVEY
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8	SURVEY
9	10+00.00 TO 13+00.00
10	13+00.00 TO 16+60.00
11	16+60.00 TO 20+50.00
12	20+50.00 TO 23+50.00
13	23+50.00 TO 27+00.00
14	27+00.00 TO 30+50.00
15	30+50.00 TO 34+50.00
16	34+50.00 TO 38+27.66
17	38+57.09 TO 41+50.00
18	41+50.00 TO 44+50.00
19	44+50.00 TO 48+00.00
20	48+00.00 TO 51+50.00
21	51+50.00 TO 55+30.00
22	55+30.00 TO 58+50.00
23	58+50.00 TO 62+00.00
24	62+00.00 TO 65+50.00
25	65+50.00 TO 69+32.67
26	GENERAL DETAILS
27	GENERAL DETAILS
28	GENERAL DETAILS



VICINITY MAP

APPROVALS

SSCAFCA: _____ DATE: _____
EXECUTIVE ENGINEER

CITY OF RIO RANCHO: _____ DATE: _____
DEVELOPMENT SERVICES

STALLION CHANNEL ACCESS
SEGMENT

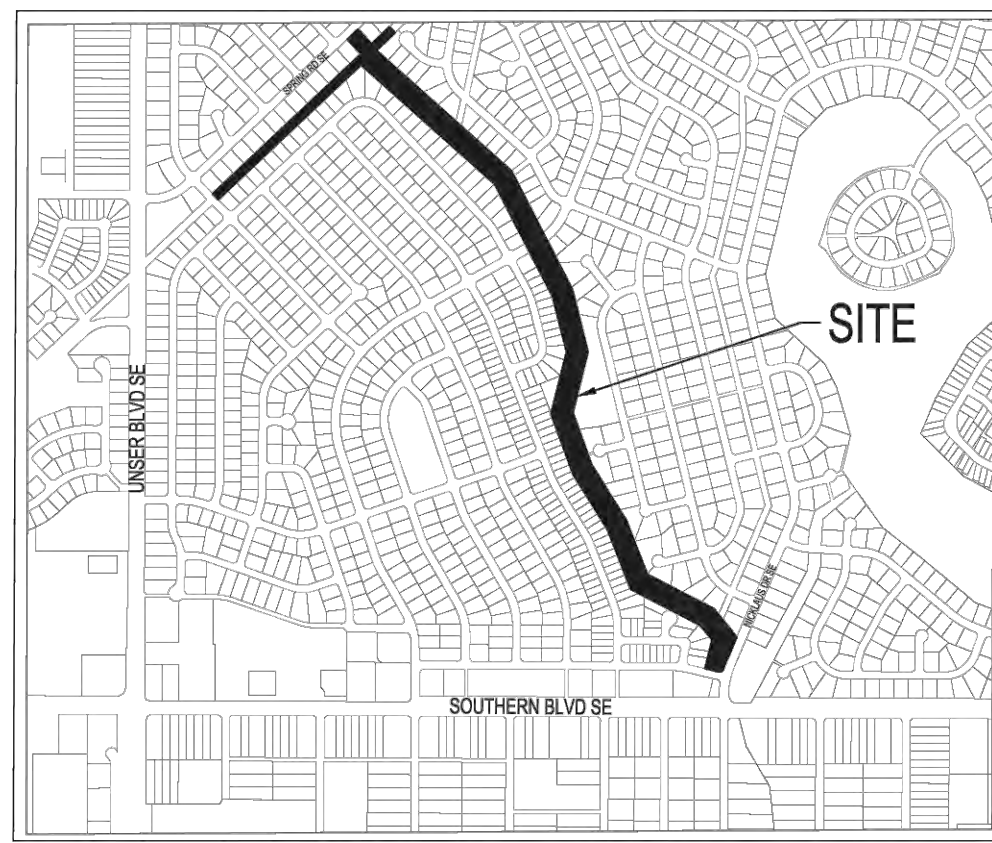
COVER SHEET

REVISIONS & CHANGE NOTICES		
MARK	DESCRIPTION	DATE

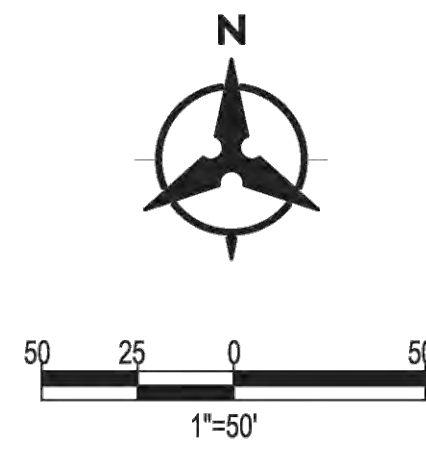
PROJECT NO: BL_P0051
DESIGNED BY: JN
DRAWN BY: KLF
CHECKED BY: AES
DATE: 5/30/2023

Wednesday, May 31, 2023 10:35:29 AM
C:\Users\Kfourier\OneDrive - Southern Sandoval County Arroyo Flood Control Authority\SSCAFCA_Project_Files\Black\BL_P0051\AuscAD\Production Drawings\Plan_Sets\BL_P0051_G-001.dwg
Kathy Fournier

TOPOGRAPHIC MAP
STALLION TRAIL TOPO - SSCAFCA
 CITY OF RIO RANCHO
 TOWN OF ALAMEDA GRANT
 SECTIONS 23, 24 AND 25
 TOWNSHIP 12 NORTH, RANGE 2 EAST
 N.M.P.M.
 SANDOVAL COUNTY, NEW MEXICO
 OCTOBER, 2022

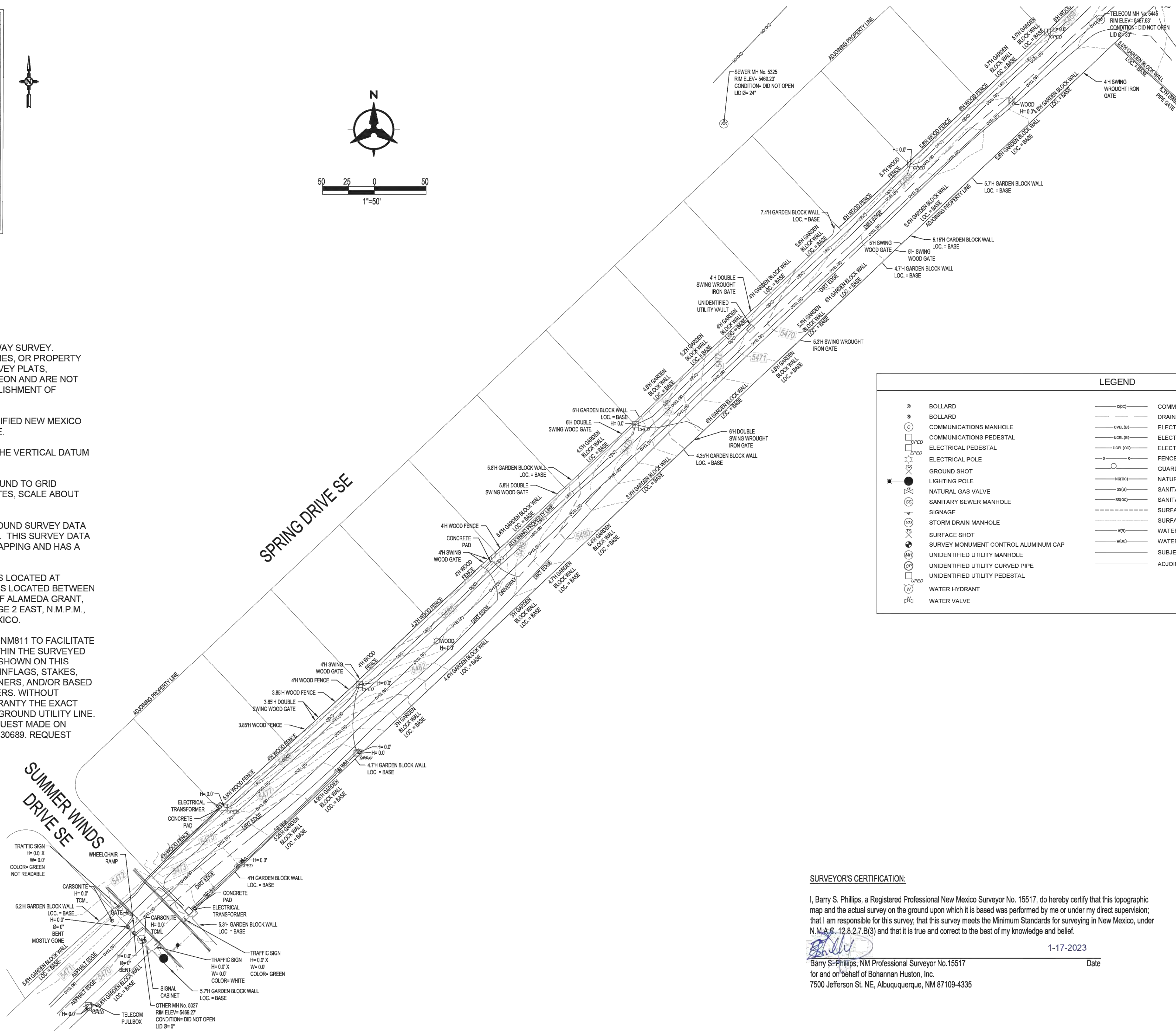


LOCATION MAP
NOT TO SCALE



NOTES:

- THIS IS NOT A BOUNDARY SURVEY OR A RIGHT-OF-WAY SURVEY. APPARENT PROPERTY CORNERS, RIGHT-OF-WAY LINES, OR PROPERTY LINES AS SHOWN ARE DERIVED FROM RECORD SURVEY PLATS, RIGHT-OF-WAY MAPS, OR DEEDS REFERENCED HEREON AND ARE NOT GUARANTEED OR TO BE RELIED ON FOR THE ESTABLISHMENT OF PROPERTY LINES.
- THE TOPOGRAPHIC MAP IS BASED ON GROUND MODIFIED NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE.
- THE HORIZONTAL DATUM IS BASED ON NAD83 AND THE VERTICAL DATUM IS BASED ON NAVD88 (GEOID18).
- PROJECT COMBINED FACTOR = 0.99966302 FOR GROUND TO GRID TRANSFORMATION OF THE HORIZONTAL COORDINATES, SCALE ABOUT N=0, E=0).
- THIS TOPOGRAPHIC MAP WAS PREPARED FROM GROUND SURVEY DATA COLLECTED BY BHI FIELD SURVEY IN OCTOBER 2022. THIS SURVEY DATA MEETS ENGINEERING SPECIFICATIONS FOR 1"=50' MAPPING AND HAS A VERTICAL ACCURACY FOR ONE FOOT CONTOURS.
- THE APPROXIMATE CENTER OF THE PROJECT SITE IS LOCATED AT 35°14'55"N LATITUDE, 106°41'16"W LONGITUDE. SITE IS LOCATED BETWEEN SPRING DRIVE SE AND NICKLAUS DRIVE SE, TOWN OF ALAMEDA GRANT, SECTIONS 23, 24 AND 25, TOWNSHIP 12 NORTH, RANGE 2 EAST, N.M.P.M., CITY OF RIO RANCHO, SANDOVAL COUNTY, NEW MEXICO.
- A "DESIGN LOCATE" REQUEST WAS MADE THROUGH NM811 TO FACILITATE THE DESIGNATION OF UNDERGROUND UTILITIES WITHIN THE SURVEYED AREA. THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THIS MAP/PLAT IS BASED ON THE MARKINGS (I.E. PAINT, PINFLAGS, STAKES, ETC.) PLACED ON THE SURFACE BY THE UTILITY OWNERS, AND/OR BASED ON ASBUILT PLANS PROVIDED BY THE UTILITY OWNERS. WITHOUT EXCAVATION, BOHANNAN HUSTON DOES NOT GUARRANTY THE EXACT LOCATION, TYPE, SIZE OR MATERIAL OF THE UNDERGROUND UTILITY LINE. NM811 LOCATE REQUEST NUMBER 22OC130681. REQUEST MADE ON 10/13/2022. NM811 LOCATE REQUEST NUMBER 22OC130689. REQUEST MADE ON 10/13/2022.



LEGEND			
	BOLLARD		COMMUNICATIONS LINE SUE ONE CALL DESIGNATION
	BOLLARD		DRAINAGE CULVERT
	COMMUNICATIONS MANHOLE		ELECTRICAL LINE OVERHEAD SUE LEVEL B
	COMMUNICATIONS PEDESTAL		ELECTRICAL LINE UNDERGROUND SUE LEVEL B
	ELECTRICAL PEDESTAL		ELECTRICAL LINE UNDERGROUND SUE ONE CALL DESIGNATION
	ELECTRICAL POLE		FENCE BARB WIRE
	GROUND SHOT		GUARDRAIL
	LIGHTING POLE		NATURAL GAS LINE SUE ONE CALL DESIGNATION
	NATURAL GAS VALVE		SANITARY SEWER LINE SUE LEVEL B
	SANITARY SEWER MANHOLE		SANITARY SEWER LINE SUE ONE CALL DESIGNATION
	SIGNAGE		SURFACE CONTOUR MAJOR
	STORM DRAIN MANHOLE		SURFACE CONTOUR MINOR
	SURFACE SHOT		WATER LINE SUE LEVEL B
	SURVEY MONUMENT CONTROL ALUMINUM CAP		WATER LINE SUE ONE CALL DESIGNATION
	UNIDENTIFIED UTILITY MANHOLE		SUBJECT PROPERTY LINE
	UNIDENTIFIED UTILITY CURVED PIPE		ADJOINING PROPERTY LINE
	UNIDENTIFIED UTILITY PEDESTAL		
	WATER HYDRANT		
	WATER VALVE		

SURVEYOR'S CERTIFICATION:

I, Barry S. Phillips, a Registered Professional New Mexico Surveyor No. 15517, do hereby certify that this topographic map and the actual survey on the ground upon which it is based was performed by me or under my direct supervision; that I am responsible for this survey; that this survey meets the Minimum Standards for surveying in New Mexico, under N.M.A.C. 12.8.2.7.B(3) and that it is true and correct to the best of my knowledge and belief.

Barry S. Phillips

1-17-2023

Barry S. Phillips, NM Professional Surveyor No. 15517
 for and on behalf of Bohannan Huston, Inc.
 7600 Jefferson St. NE, Albuquerque, NM 87109-4335

Date



TOPOGRAPHIC MAP
STALLION TRAIL TOPO - SSCAFCA
 CITY OF RIO RANCHO
 TOWN OF ALAMEDA GRANT
 SECTIONS 23, 24 AND 25
 TOWNSHIP 12 NORTH, RANGE 2 EAST
 N.M.P.M.
 SANDOVAL COUNTY, NEW MEXICO
 OCTOBER, 2022

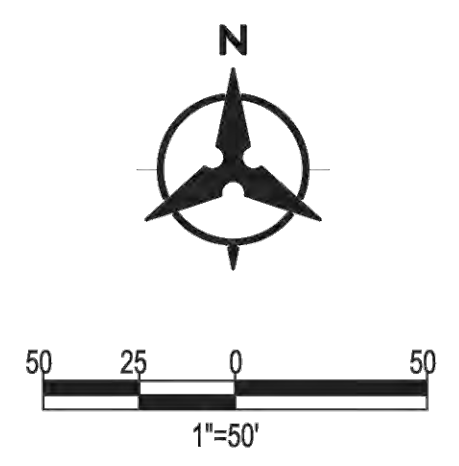
SEWER MH No. 5337
 RIM ELEV= 5467.91'
 CONDITION= GOOD
 FLOW= CONTINUOUS
 LID Ø= 24"
 MH MATERIAL= CONCRETE
 CENTER CONDITION= STRUCTURE
 INV= 5464.31'
 OUTFLOW PIPE= 2
 PIPE1 INV= 5464.78'
 PIPE1 AZMUTH= 0°
 PIPE1 Ø= 8" PVC
 PIPE2 INV= 5464.74'
 PIPE2 AZMUTH= 140°
 PIPE2 Ø= 8" PVC
 PIPE3 INV= 5464.85'
 PIPE3 AZMUTH= 230°
 PIPE3 Ø= 8" PVC

2330001
 N: 1,548,216.423
 E: 1,508,866.478
 ELEV: 5,470.477
 CAP DIA= 2.0007
 POST HT= 0.0
 STA HT= 0.0
 2330001

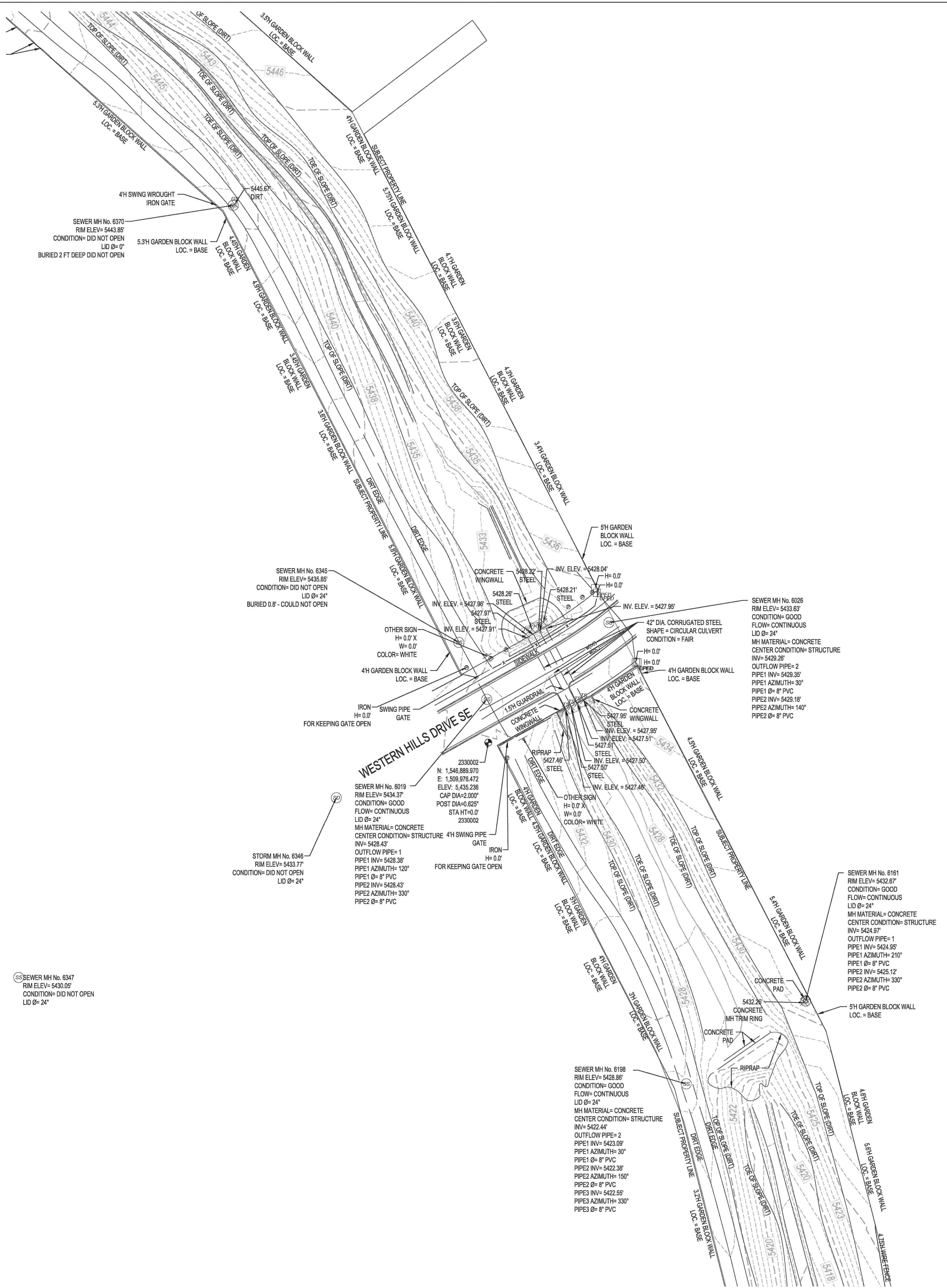
SEWER MH No. 6359
 RIM ELEV= 5463.38'
 CONDITION= COULD NOT OPEN
 LID Ø= 24"

SEWER MH No. 6349
 RIM ELEV= 5466.38'
 CONDITION= DID NOT OPEN
 LID Ø= 24"

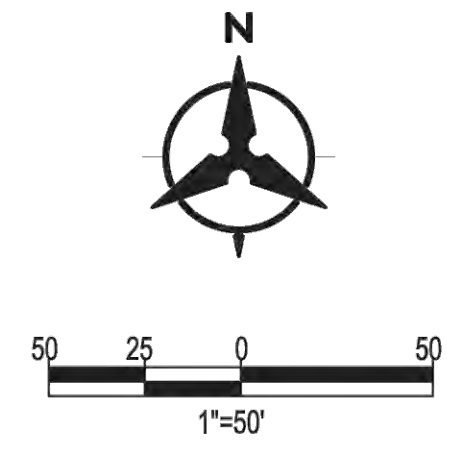
LEGEND			
	BOLLARD		COMMUNICATIONS LINE SUE ONE CALL DESIGNATION
	BOLLARD		DRAINAGE CULVERT
	COMMUNICATIONS MANHOLE		ELECTRICAL LINE OVERHEAD SUE LEVEL B
	COMMUNICATIONS PEDESTAL		ELECTRICAL LINE UNDERGROUND SUE LEVEL B
	ELECTRICAL PEDESTAL		ELECTRICAL LINE UNDERGROUND SUE ONE CALL DESIGNATION
	ELECTRICAL POLE		FENCE BARB WIRE
	GROUND SHOT		GUARDRAIL
	LIGHTING POLE		NATURAL GAS LINE SUE ONE CALL DESIGNATION
	NATURAL GAS VALVE		SANITARY SEWER LINE SUE LEVEL B
	SANITARY SEWER MANHOLE		SANITARY SEWER LINE SUE ONE CALL DESIGNATION
	SIGNAGE		SURFACE CONTOUR MAJOR
	STORM DRAIN MANHOLE		SURFACE CONTOUR MINOR
	SURFACE SHOT		WATER LINE SUE LEVEL B
	SURVEY MONUMENT CONTROL ALUMINUM CAP		WATER LINE SUE ONE CALL DESIGNATION
	UNIDENTIFIED UTILITY MANHOLE		SUBJECT PROPERTY LINE
	UNIDENTIFIED UTILITY CURVED PIPE		ADJOINING PROPERTY LINE
	UNIDENTIFIED UTILITY PEDESTAL		
	WATER HYDRANT		
	WATER VALVE		



TOPOGRAPHIC MAP
STALLION TRAIL TOPO - SSCAFCA
 CITY OF RIO RANCHO
 TOWN OF ALAMEDA GRANT
 SECTIONS 23, 24 AND 25
 TOWNSHIP 12 NORTH, RANGE 2 EAST
 N.M.P.M.
 SANDOVAL COUNTY, NEW MEXICO
 OCTOBER, 2022



LEGEND			
	BOLLARD		COMMUNICATIONS LINE SUE ONE CALL DESIGNATION
	BOLLARD		DRAINAGE CULVERT
	COMMUNICATIONS MANHOLE		ELECTRICAL LINE OVERHEAD SUE LEVEL B
	COMMUNICATIONS PEDESTAL		ELECTRICAL LINE UNDERGROUND SUE LEVEL B
	ELECTRICAL PEDESTAL		ELECTRICAL LINE UNDERGROUND SUE ONE CALL DESIGNATION
	ELECTRICAL POLE		FENCE BARB WIRE
	GROUND SHOT		GUARDRAIL
	LIGHTING POLE		NATURAL GAS LINE SUE ONE CALL DESIGNATION
	NATURAL GAS VALVE		SANITARY SEWER LINE SUE LEVEL B
	SANITARY SEWER MANHOLE		SANITARY SEWER LINE SUE ONE CALL DESIGNATION
	SIGNAGE		SURFACE CONTOUR MAJOR
	STORM DRAIN MANHOLE		SURFACE CONTOUR MINOR
	SURFACE SHOT		WATER LINE SUE LEVEL B
	SURVEY MONUMENT CONTROL ALUMINUM CAP		WATER LINE SUE ONE CALL DESIGNATION
	UNIDENTIFIED UTILITY MANHOLE		SUBJECT PROPERTY LINE
	UNIDENTIFIED UTILITY CURVED PIPE		ADJOINING PROPERTY LINE
	UNIDENTIFIED UTILITY PEDESTAL		
	WATER HYDRANT		
	WATER VALVE		



Tue, 11 Jun 2023 - 4:20pm, Plotted by JHUG6
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TOPOGRAPHIC MAP
STALLION TRAIL TOPO - SSCAFCA
 CITY OF RIO RANCHO
 TOWN OF ALAMEDA GRANT
 SECTIONS 23, 24 AND 25
 TOWNSHIP 12 NORTH, RANGE 2 EAST
 N.M.P.M.
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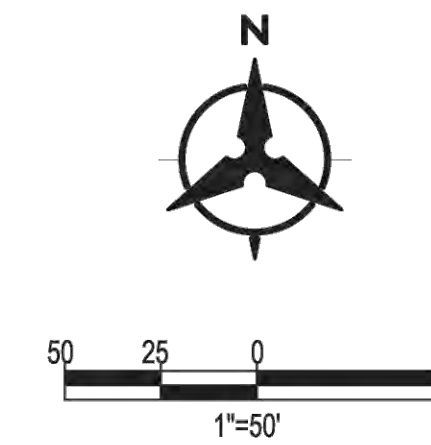
SEWER MH No. 1542
 RIM ELEV= 5402.01'
 CONDITION= GOOD
 FLOW= CONTINUOUS
 LID Ø= 24"
 MH MATERIAL= CONCRETE
 CENTER CONDITION= INV= 5394.57'
 OUTFLOW PIPE= 1
 PIPE1 INV= 5394.51'
 PIPE1 Ø= 8" PVC
 PIPE2 INV= 5394.61'
 PIPE2 Ø= 8" PVC

SEWER MH No. 1480
 RIM ELEV= 5394.34'
 CONDITION= GOOD
 FLOW= CONTINUOUS
 LID Ø= 24"
 MH MATERIAL= CONCRETE
 CENTER CONDITION= INV= 5387.10'
 OUTFLOW PIPE= 1
 PIPE1 INV= 5387.21'
 PIPE1 Ø= 8" PVC
 PIPE2 INV= 5387.30'
 PIPE2 Ø= 8" PVC

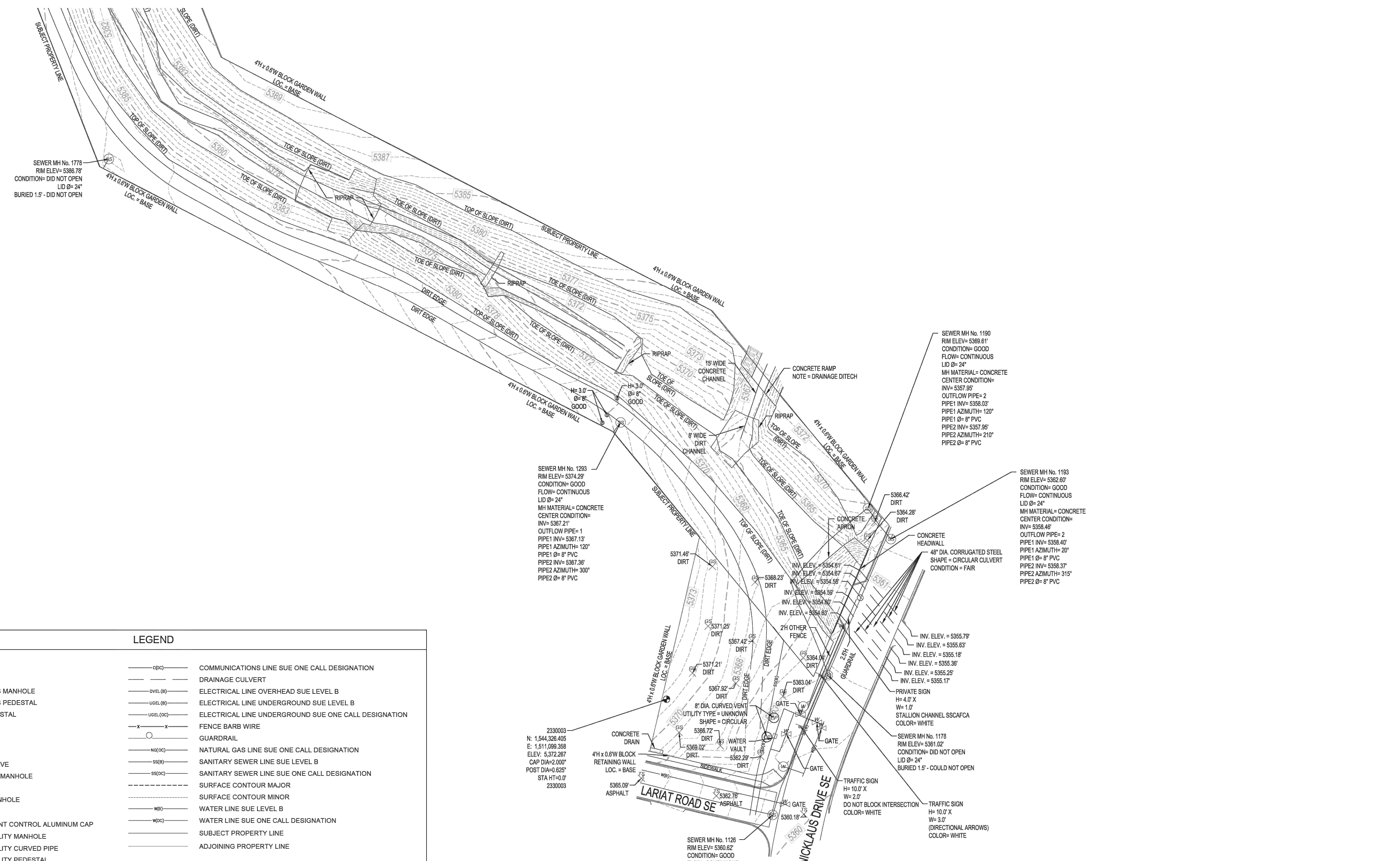
SEWER MH No. 1778
 RIM ELEV= 5386.78'
 CONDITION= DID NOT OPEN
 LID Ø= 24"
 BURIED 1.5' - DID NOT OPEN

SEWER MH No. 1190
 RIM ELEV= 5389.91'
 CONDITION= GOOD
 FLOW= CONTINUOUS
 LID Ø= 24"
 MH MATERIAL= CONCRETE
 CENTER CONDITION= INV= 5387.95'
 OUTFLOW PIPE= 2
 PIPE1 INV= 5388.03'
 PIPE1 Ø= 8" PVC
 PIPE2 INV= 5387.85'
 PIPE2 Ø= 8" PVC

LEGEND			
⊙	BOLLARD	—(CPC)—	COMMUNICATIONS LINE SUE ONE CALL DESIGNATION
⊙	BOLLARD	—(D)—	DRAINAGE CULVERT
⊙	COMMUNICATIONS MANHOLE	—(OVL)(Ø)—	ELECTRICAL LINE OVERHEAD SUE LEVEL B
⊙	COMMUNICATIONS PEDESTAL	—(UGL)(Ø)—	ELECTRICAL LINE UNDERGROUND SUE LEVEL B
⊙	ELECTRICAL PEDESTAL	—(UGL)(ØC)—	ELECTRICAL LINE UNDERGROUND SUE ONE CALL DESIGNATION
⊙	ELECTRICAL POLE	—X—X—	FENCE BARB WIRE
⊙	GROUND SHOT	—○—	GUARDRAIL
⊙	LIGHTING POLE	—(NG)(Ø)—	NATURAL GAS LINE SUE ONE CALL DESIGNATION
⊙	NATURAL GAS VALVE	—(SSØ)—	SANITARY SEWER LINE SUE LEVEL B
⊙	SANITARY SEWER MANHOLE	—(SSØC)—	SANITARY SEWER LINE SUE ONE CALL DESIGNATION
⊙	SIGNAGE	---	SURFACE CONTOUR MAJOR
⊙	STORM DRAIN MANHOLE	---	SURFACE CONTOUR MINOR
⊙	SURFACE SHOT	---	WATER LINE SUE LEVEL B
⊙	SURVEY MONUMENT CONTROL ALUMINUM CAP	---	WATER LINE SUE ONE CALL DESIGNATION
⊙	UNIDENTIFIED UTILITY MANHOLE	---	SUBJECT PROPERTY LINE
⊙	UNIDENTIFIED UTILITY CURVED PIPE	---	ADJOINING PROPERTY LINE
⊙	UNIDENTIFIED UTILITY PEDESTAL		
⊙	WATER HYDRANT		
⊙	WATER VALVE		

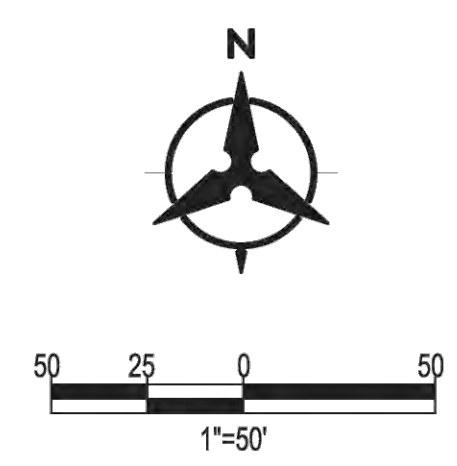


TOPOGRAPHIC MAP
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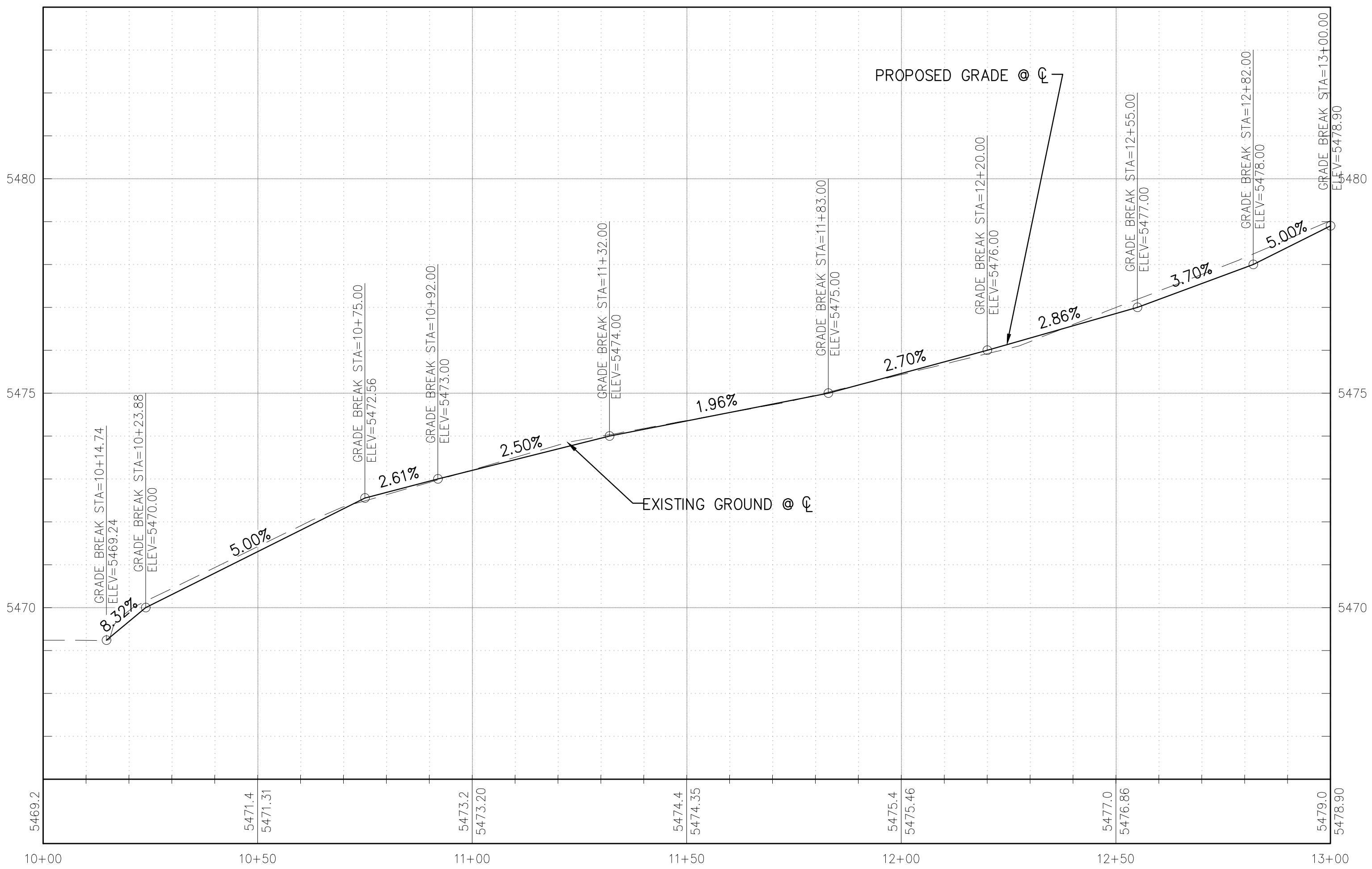
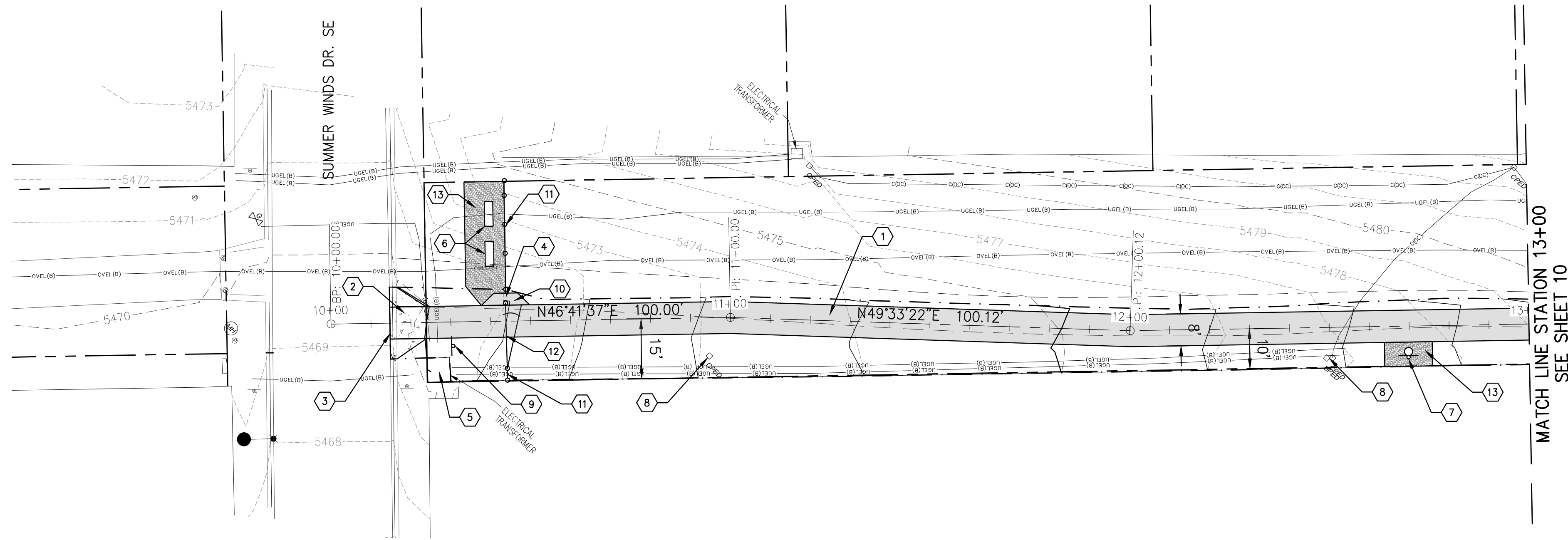
LEGEND

	BOLLARD		COMMUNICATIONS LINE SUE ONE CALL DESIGNATION
	BOLLARD		DRAINAGE CULVERT
	COMMUNICATIONS MANHOLE		ELECTRICAL LINE OVERHEAD SUE LEVEL B
	COMMUNICATIONS PEDESTAL		ELECTRICAL LINE UNDERGROUND SUE LEVEL B
	ELECTRICAL PEDESTAL		ELECTRICAL LINE UNDERGROUND SUE ONE CALL DESIGNATION
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	UNIDENTIFIED UTILITY PEDESTAL		
	WATER HYDRANT		
	WATER VALVE		



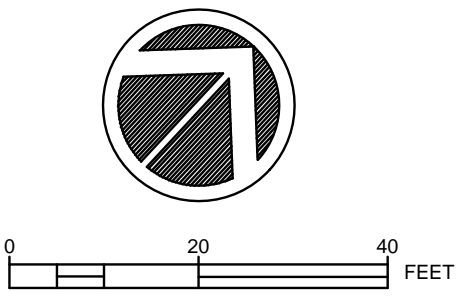
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Wednesday, May 31, 2023, 11:07:24 AM - KFOURNER
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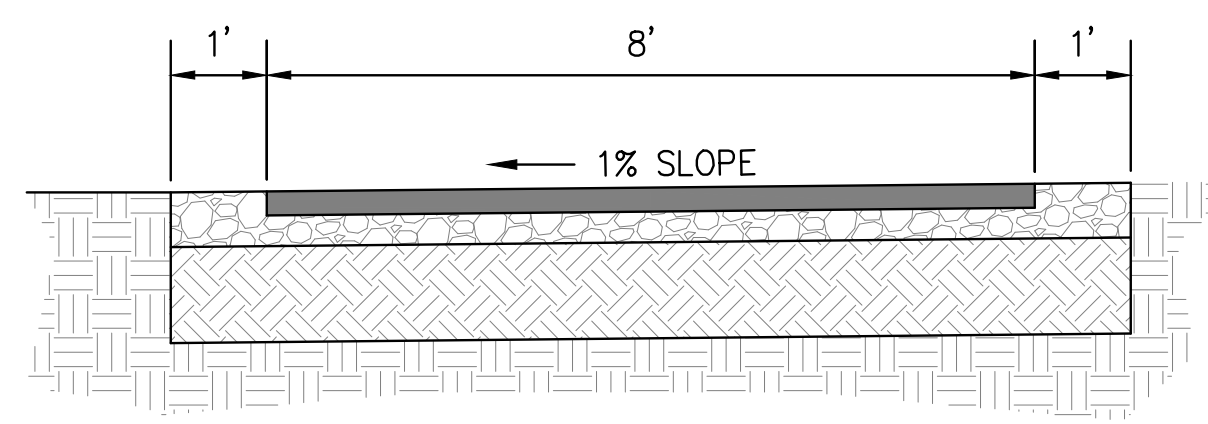
LEGEND

- ASPHALT CONCRETE
- CONCRETE
- CRUSHER FINE
- NEW SIGN
- BENCH
- PET WASTE STATION
- LIMITS OF GRADING
- PROPERTY LINE
- CENTERLINE
- MAJOR CONTOUR
- MINOR CONTOUR



KEYED NOTES:

1. BUILD 8' WIDE ASPHALT CONCRETE ROAD PER CORR STANDARD DETAIL PS-01 OPTION 1 AND TYPICAL SECTION SHOWN BELOW.
2. CONSTRUCT DRIVE PAD PER CORR STANDARD DETAILS ADA-010 TYPE 2B DRIVEWAY APRON.
3. SAWCUT EXISTING CURB TO MATCH ELEVATION OF DRIVE PAD.
4. ALLOW MINIMUM OF 3' OPENING BETWEEN GATE POST AND FENCING POST.
5. EXISTING UTILITY BOX TO REMAIN
6. INSTALL DUMOR BENCH MODEL NUMBER 59-60 OR APPROVED EQUAL, PER S-1 EMBEDMENT.
7. INSTALL PET WASTE STATION. THE PET WASTE STATION MUST INCLUDE A 8' STEEL SIGN POST, A 12"x18" ALUMINUM SIGN, AND A 10-GALLON WASTE RECEPTACLE WITH ATTACHED LID, AND TO BE APPROVED BY ENGINEER.
8. PROTECT EXISTING UTILITY PEDASTALS IN PLACE.
9. INSTALL AUTHORIZED VEHICLES ONLY SIGN R5-11 (18"x24"). SIGN POST AND BASE INCIDENTAL TO SIGNAGE.
10. EXTEND ASPHALT 3' AROUND THE GATE.
11. INSTALL FENCING PER SSCAFCA STANDARD DETAIL M100.
12. INSTALL GATE PER SSCAFCA STANDARD DETAIL M101.
13. PLACE 4" THICK CRUSHER FINE 5' AROUND THE BENCHES AND PET WASTE STATION. THE SURFACE OF CRUSHER FINE TO BE FLUSH WITH MAINTENANCE ROAD AND ADJACENT GROUND.



TYPICAL SECTION

**Southern Sandoval
 County
 Arroyo Flood Control
 Authority**
 1041 Commercial Dr. S.E.
 Rio Rancho, New Mexico 87124
 505-892-RAIN (7246)
 505-892-7241 (Fax)
www.sscafca.com

**STALLION CHANNEL ACCESS
 SEGMENTS**

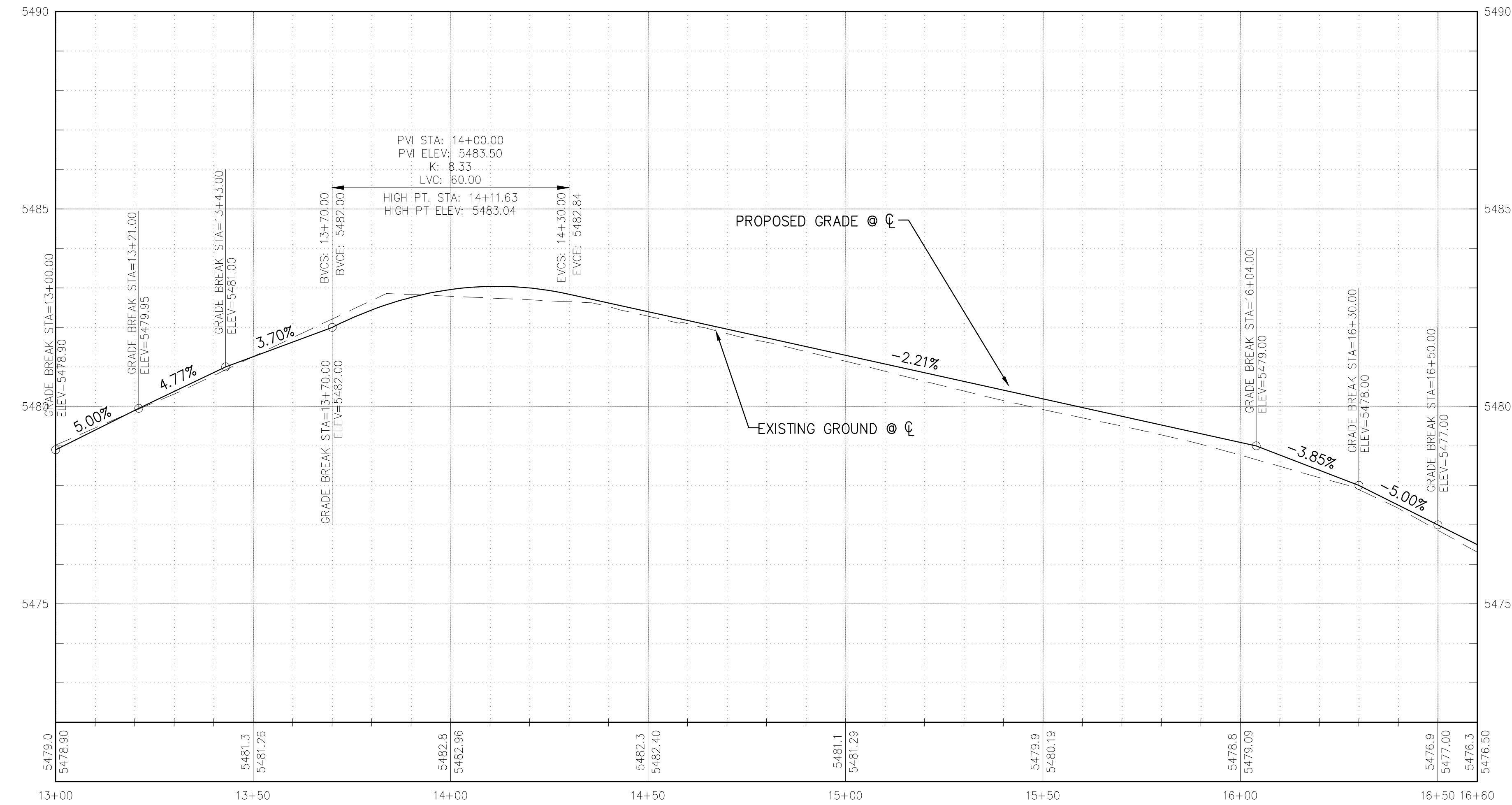
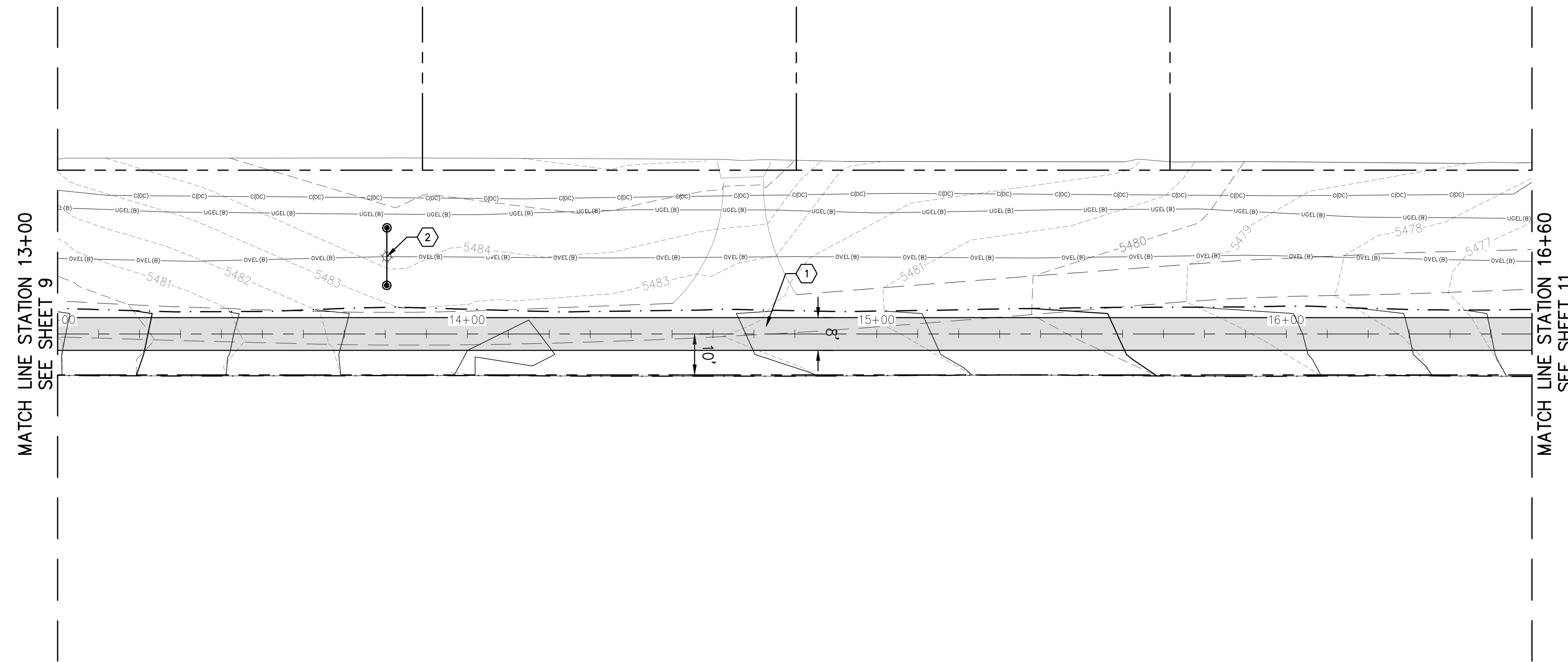
**NORTH SEGMENT
 10+00.00 TO 13+00.00**

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

REVISIONS & CHANGE NOTICES		
MARK	DESCRIPTION	DATE

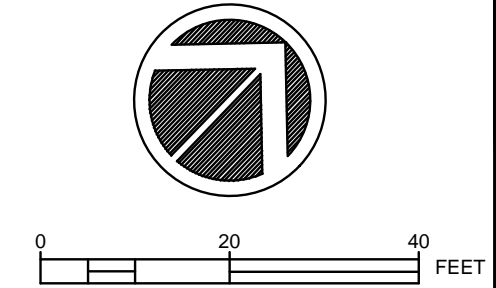
PROJECT NO: BL_P0051
 DESIGNED BY: JN
 DRAWN BY: KLF
 CHECKED BY: AES
 DATE: 5/31/2023

Wednesday, May 31, 2023, 11:07:24 AM - KFOURNIER
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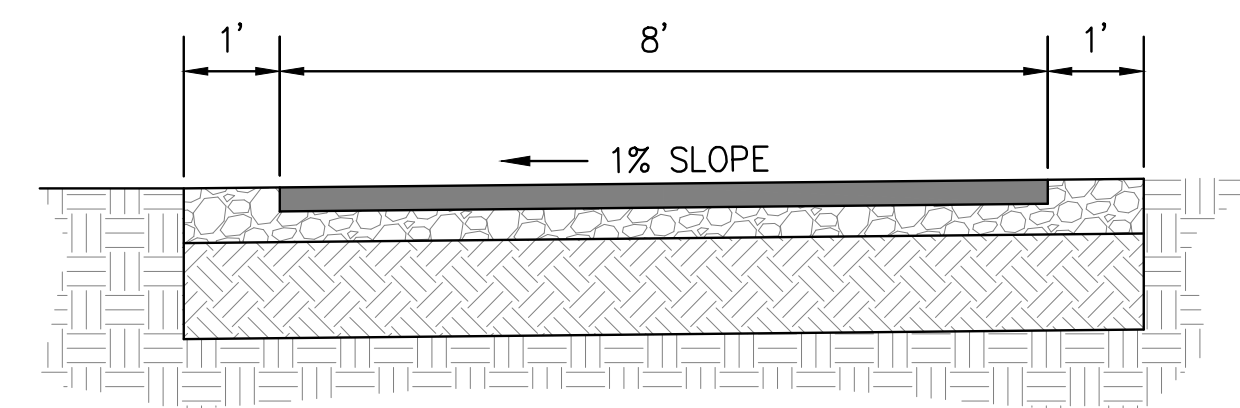
LEGEND

- ASPHALT CONCRETE
- CONCRETE
- CRUSHER FINE
- NEW SIGN
- BENCH
- PET WASTE STATION
- LIMITS OF GRADING
- PROPERTY LINE
- CENTERLINE
- MAJOR CONTOUR
- MINOR CONTOUR



KEYED NOTES:

1. BUILD 8' WIDE ASPHALT CONCRETE ROAD PER CORR STANDARD DETAIL PS-01 OPTION 1 AND TYPICAL SECTION SHOWN BELOW.
2. EXISTING POWER POLES.



TYPICAL SECTION



**Southern Sandoval
County
Arroyo Flood Control
Authority**

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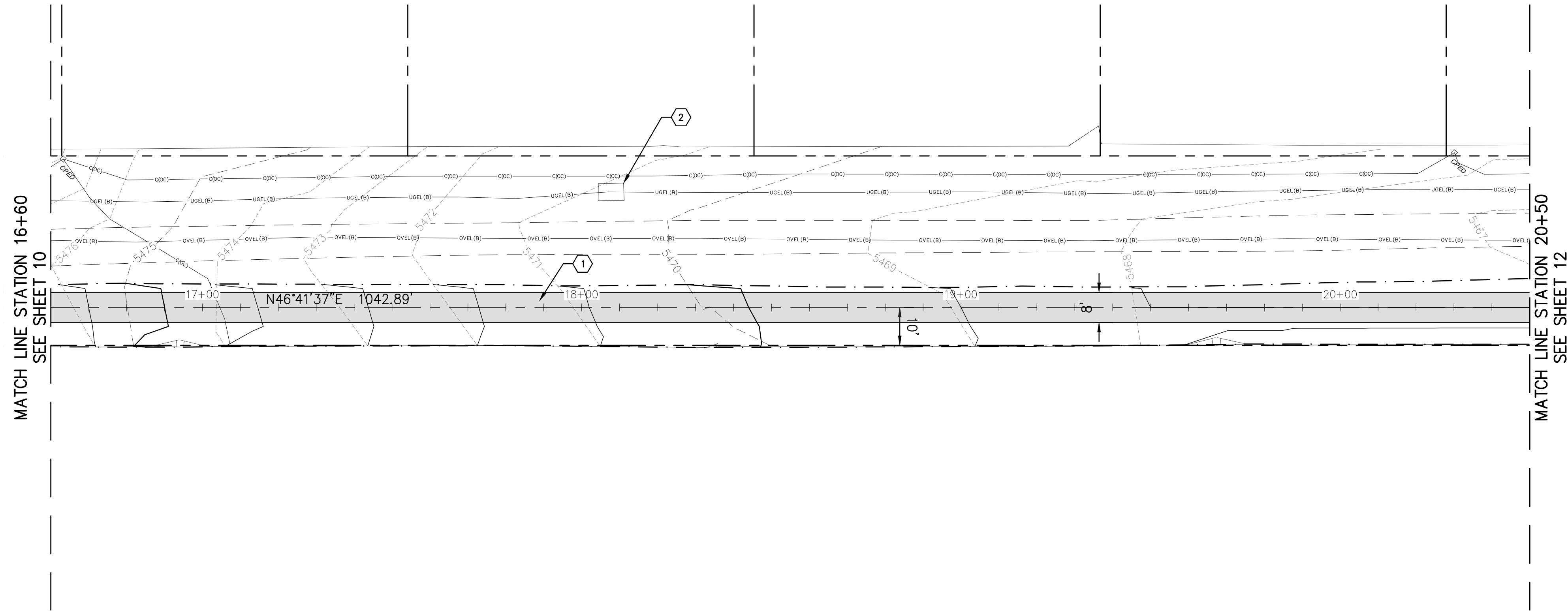
NORTH SEGMENT
13+00.00 TO 16+60.00

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

REVISIONS & CHANGE NOTICES		
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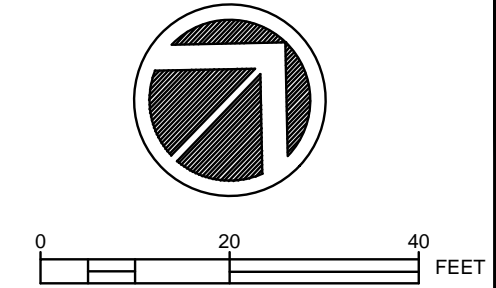
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 C:\USERS\KFOURNIER\DESKTOP - SOUTHERN SANDOVAL COUNTY ARROYO FLOOD CONTROL - AUTHORITY\SSCAFCA_PROJECT_FILES\BLACK\BL_P0051\AUTOCAD\PRODUCTION_BRAUNING\PLAN_SETS\BL_P0051_PP-SHT-11.DWG



LEGEND

- ASPHALT CONCRETE
- CONCRETE
- CRUSHER FINE
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- PROPERTY LINE
- CENTERLINE
- MAJOR CONTOUR
- MINOR CONTOUR



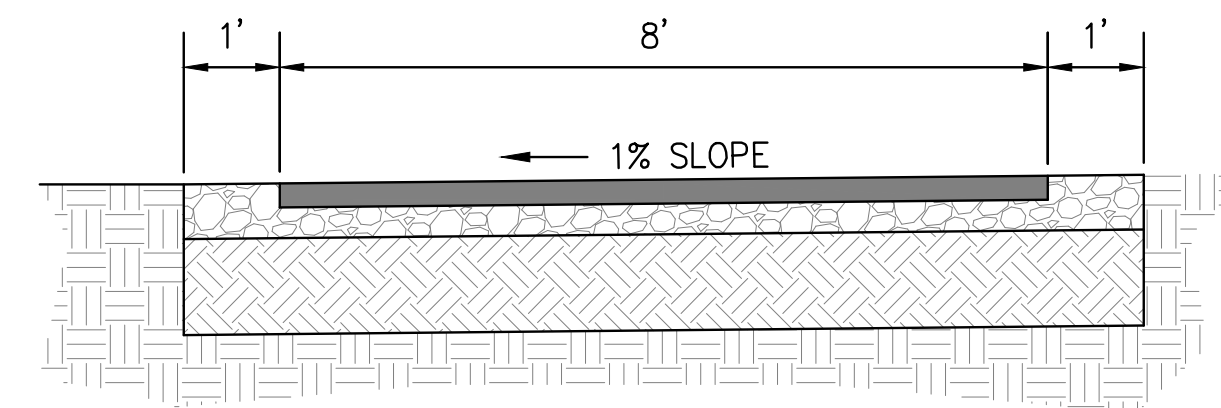
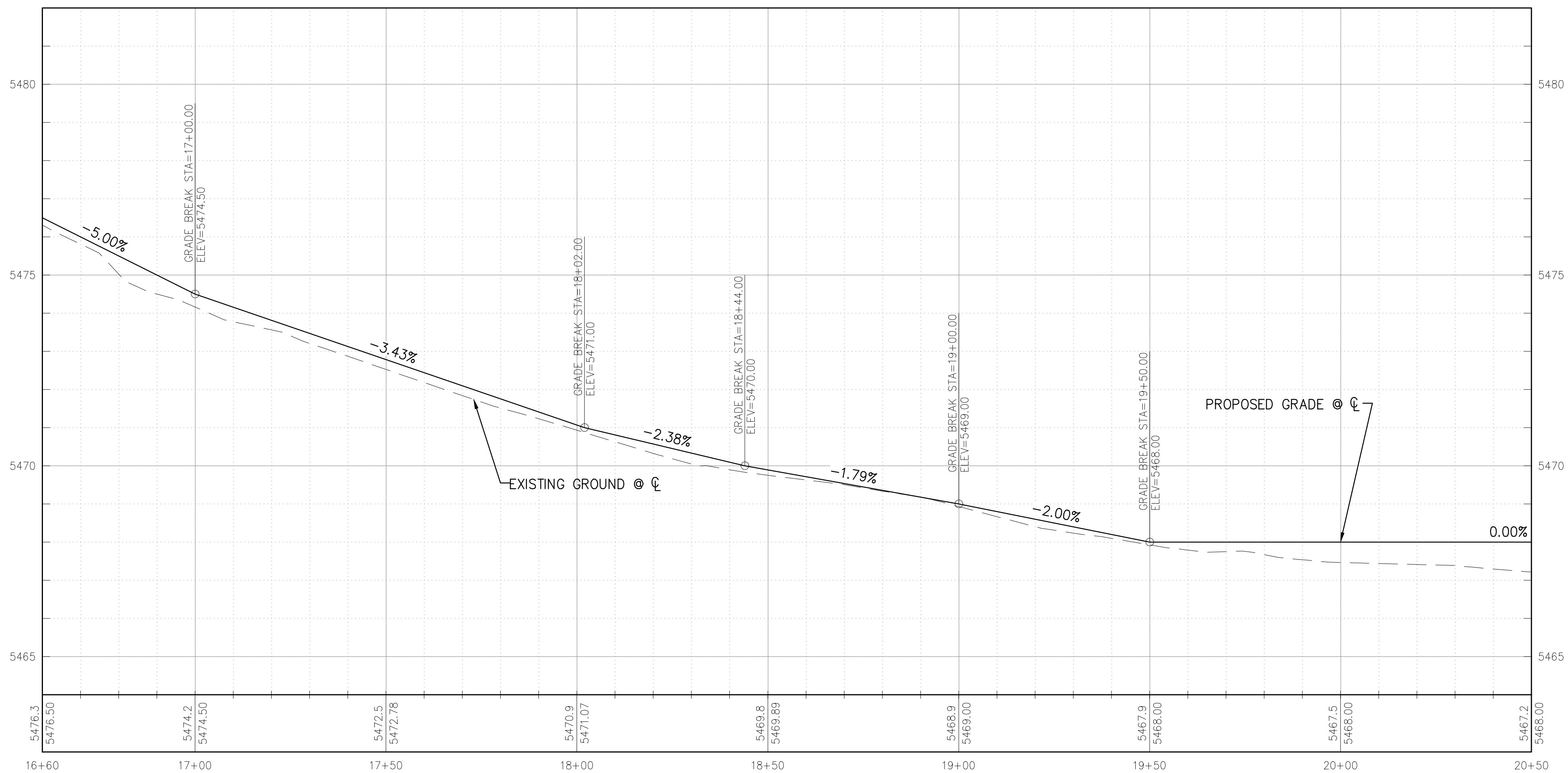
**Southern Sandoval
County
Arroyo Flood Control
Authority**

1041 Commercial Dr. S.E.
Rio Rancho, New Mexico 87124
505-892-RAIN (7246)
505-892-7241 (Fax)
www.sscafca.com



KEYED NOTES:

1. BUILD 8' WIDE ASPHALT CONCRETE ROAD PER CORR STANDARD DETAIL PS-01 OPTION 1 AND TYPICAL SECTION SHOWN BELOW.
2. EXISTING UTILITY BOX.



TYPICAL SECTION

**STALLION CHANNEL ACCESS
SEGMENTS**

**NORTH SEGMENT
16+60.00 TO 20+50.00**

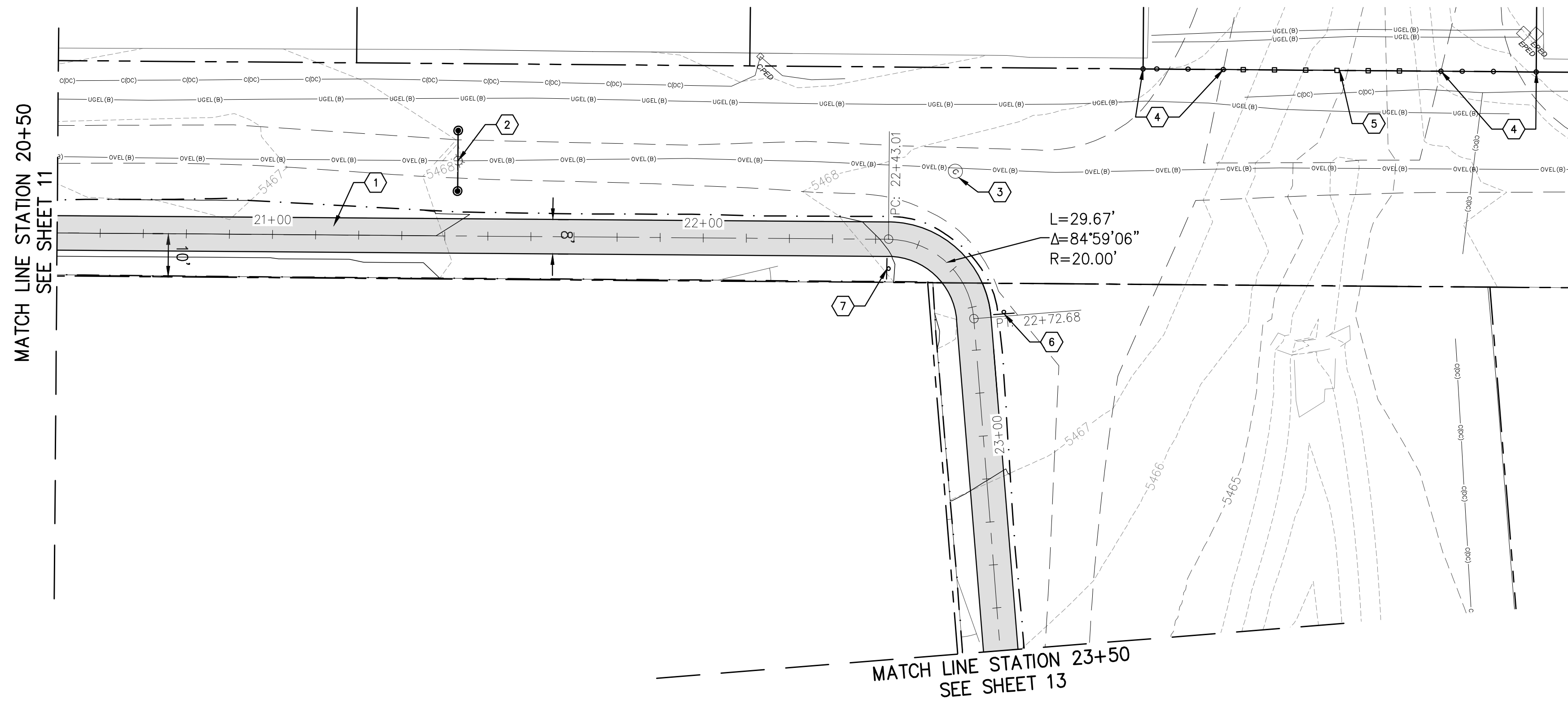
THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

**REVISIONS &
CHANGE NOTICES**

MARK	DESCRIPTION	DATE

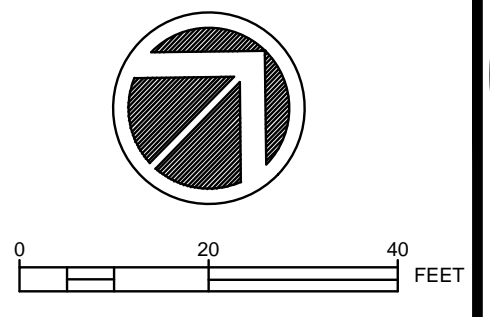
PROJECT NO: BL_P0051
DESIGNED BY: JN
DRAWN BY: KLF
CHECKED BY: AES
DATE: 5/31/2023

Wednesday, May 31, 2023, 11:07:24 AM - KFOURNIER
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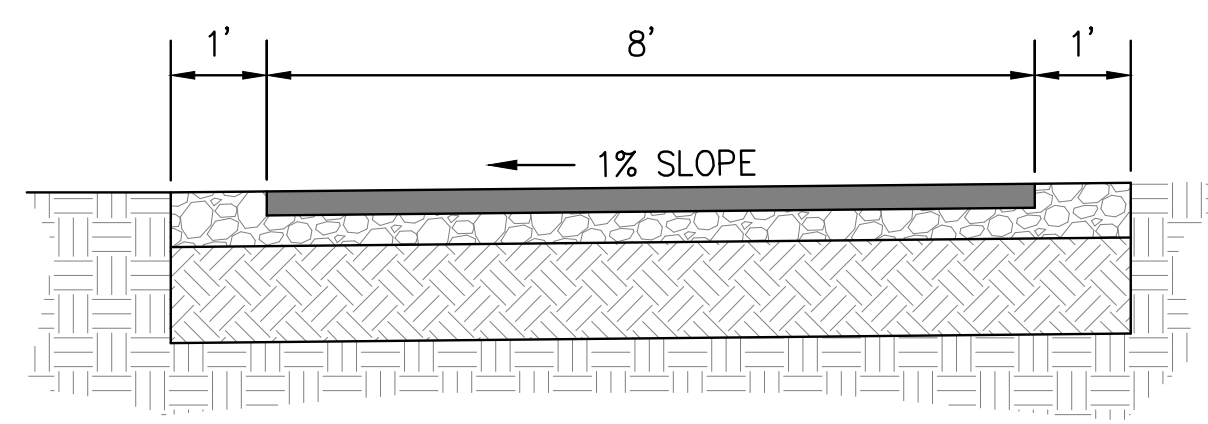
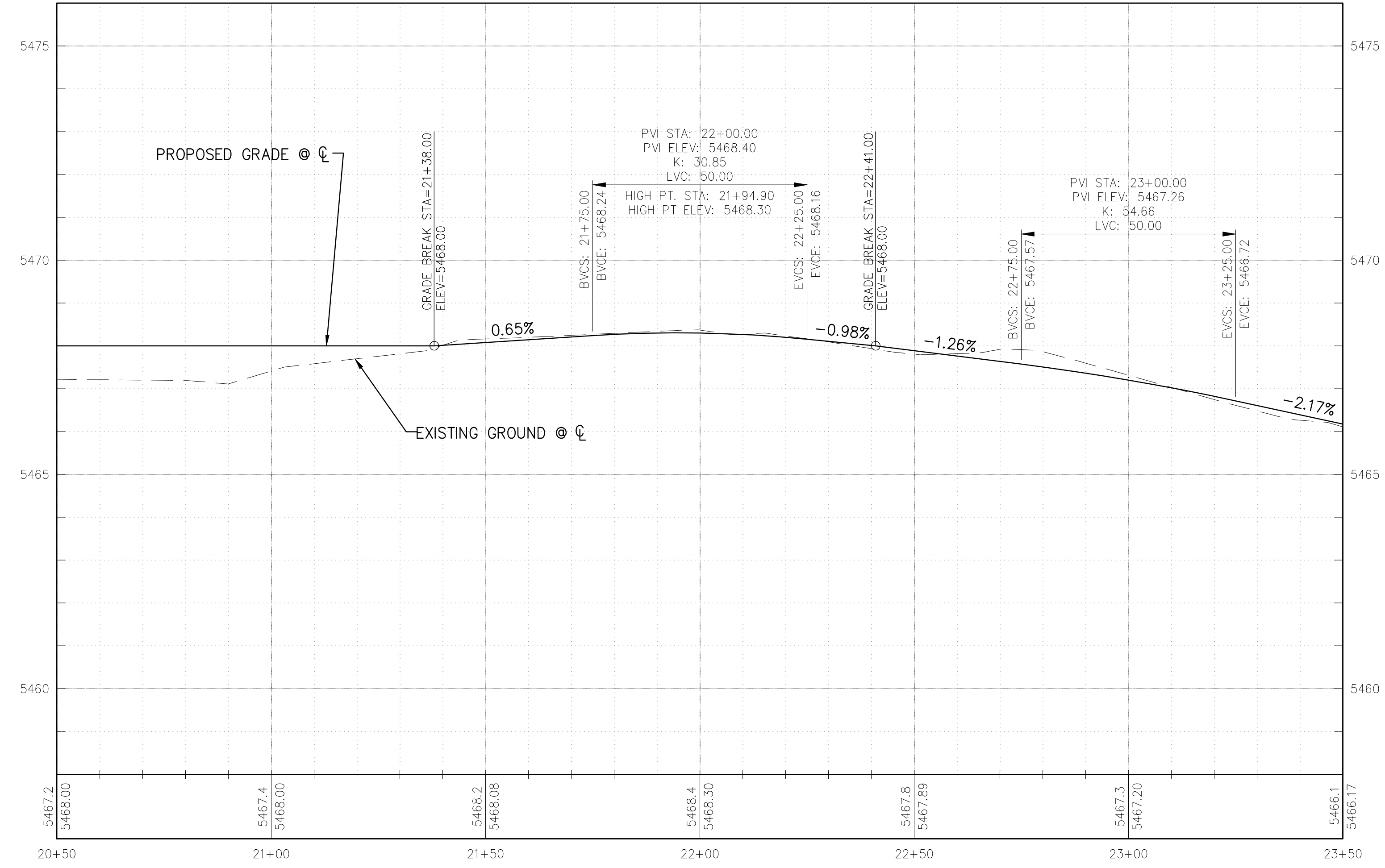
LEGEND

- ASPHALT CONCRETE
- CONCRETE
- CRUSHER FINE
- NEW SIGN
- BENCH
- PET WASTE STATION
- LIMITS OF GRADING
- PROPERTY LINE
- CENTERLINE
- MAJOR CONTOUR
- MINOR CONTOUR



KEYED NOTES:

1. BUILD 8' WIDE ASPHALT CONCRETE ROAD PER CORR STANDARD DETAIL PS-01 OPTION 1 AND TYPICAL SECTION SHOWN BELOW.
2. EXISTING POWER POLES.
3. EXISTING TELECOM MANHOLE.
4. INSTALL 41 LF OF 5-STRAND FENCING PER SSCAFCA STANDARD DETAIL M100.
5. INSTALL 50 LF OF POST AND CABLE FENCE ACROSS THE CHANNEL PER SSCAFCA STANDARD DETAIL M104.
6. INSTALL SIGN PER MUTCD W1-1L.
7. INSTALL SIGN PER MUTCD W1-1R.



TYPICAL SECTION



Southern Sandoval County
Arroyo Flood Control Authority
 1041 Commercial Dr. S.E.
 Rio Rancho, New Mexico 87124
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STALLION CHANNEL ACCESS SEGMENTS

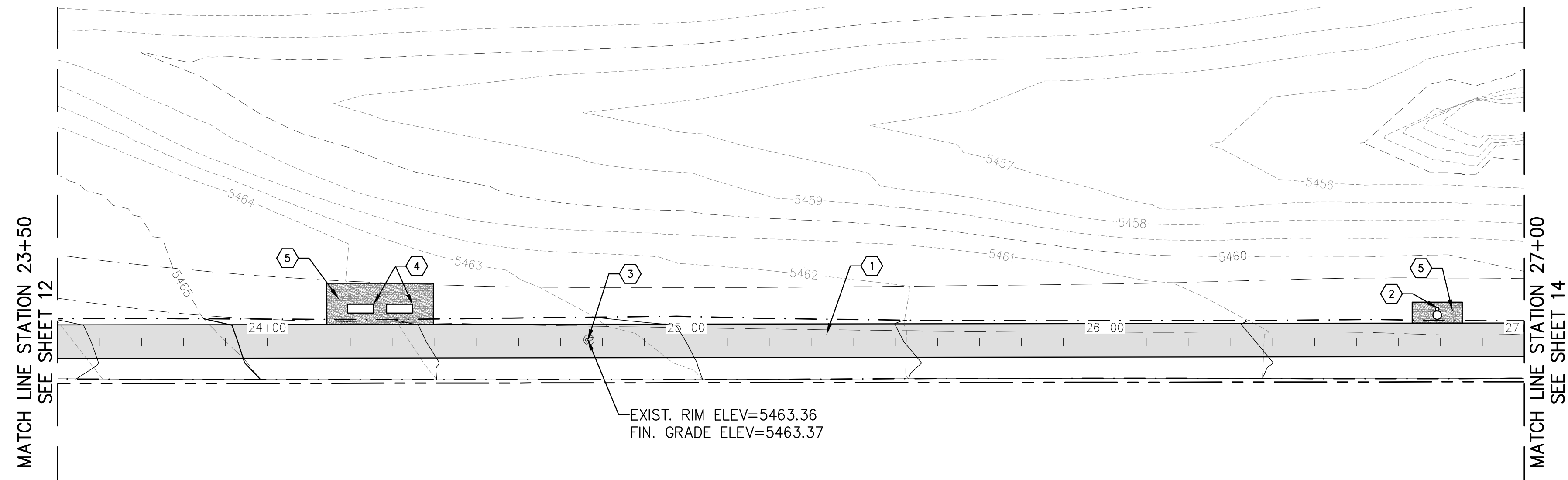
NORTH SEGMENT
 20+50.00 TO 23+50.00

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

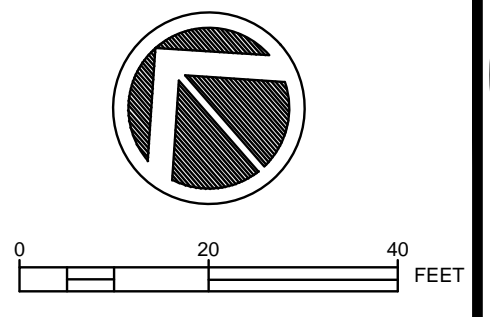
REVISIONS & CHANGE NOTICES		
MARK	DESCRIPTION	DATE

PROJECT NO: BL_P0051
 DESIGNED BY: JN
 DRAWN BY: KLF
 CHECKED BY: AES
 DATE: 5/31/2023

Wednesday, May 31, 2023, 11:07:24 AM - KFOURNIER
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- LEGEND**
- ASPHALT CONCRETE
 - CONCRETE
 - CRUSHER FINE
 - NEW SIGN
 - BENCH
 - PET WASTE STATION
 - LIMITS OF GRADING
 - PROPERTY LINE
 - CENTERLINE
 - MAJOR CONTOUR
 - MINOR CONTOUR



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**STALLION CHANNEL ACCESS
SEGMENTS**

**NORTH SEGMENT
23+50.00 TO 27+00.00**

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

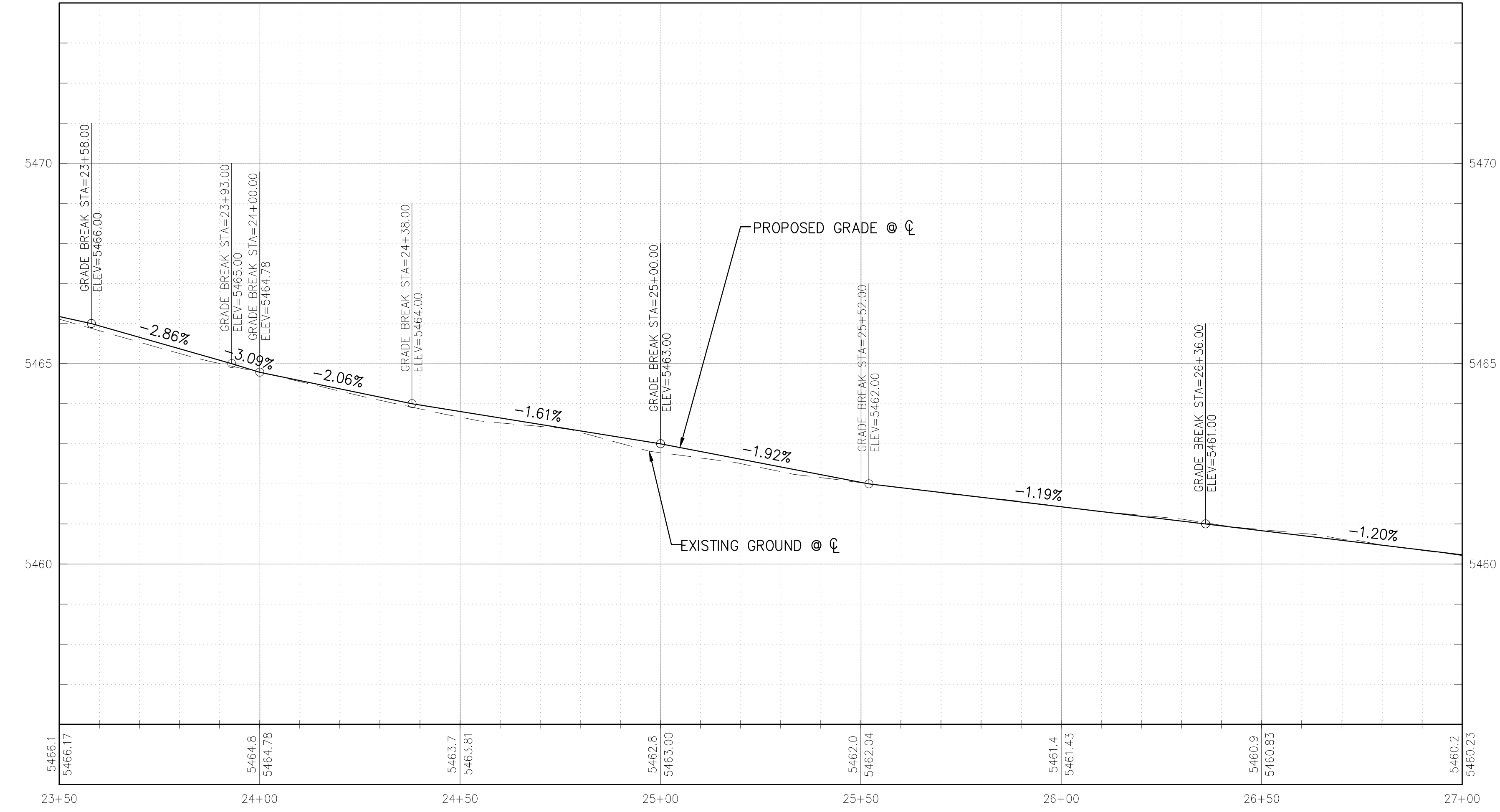
REVISIONS &
CHANGE NOTICES

MARK	DESCRIPTION	DATE

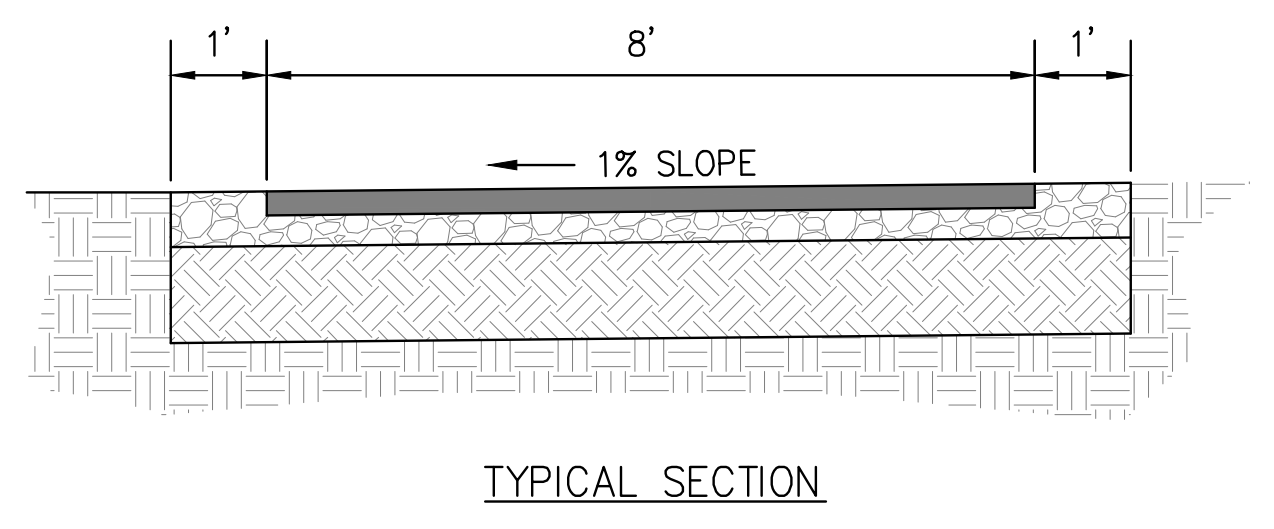
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 DESIGNED BY: JN
 DRAWN BY: KLF
 CHECKED BY: AES
 DATE: 5/31/2023

13

SHEET 13 OF 28

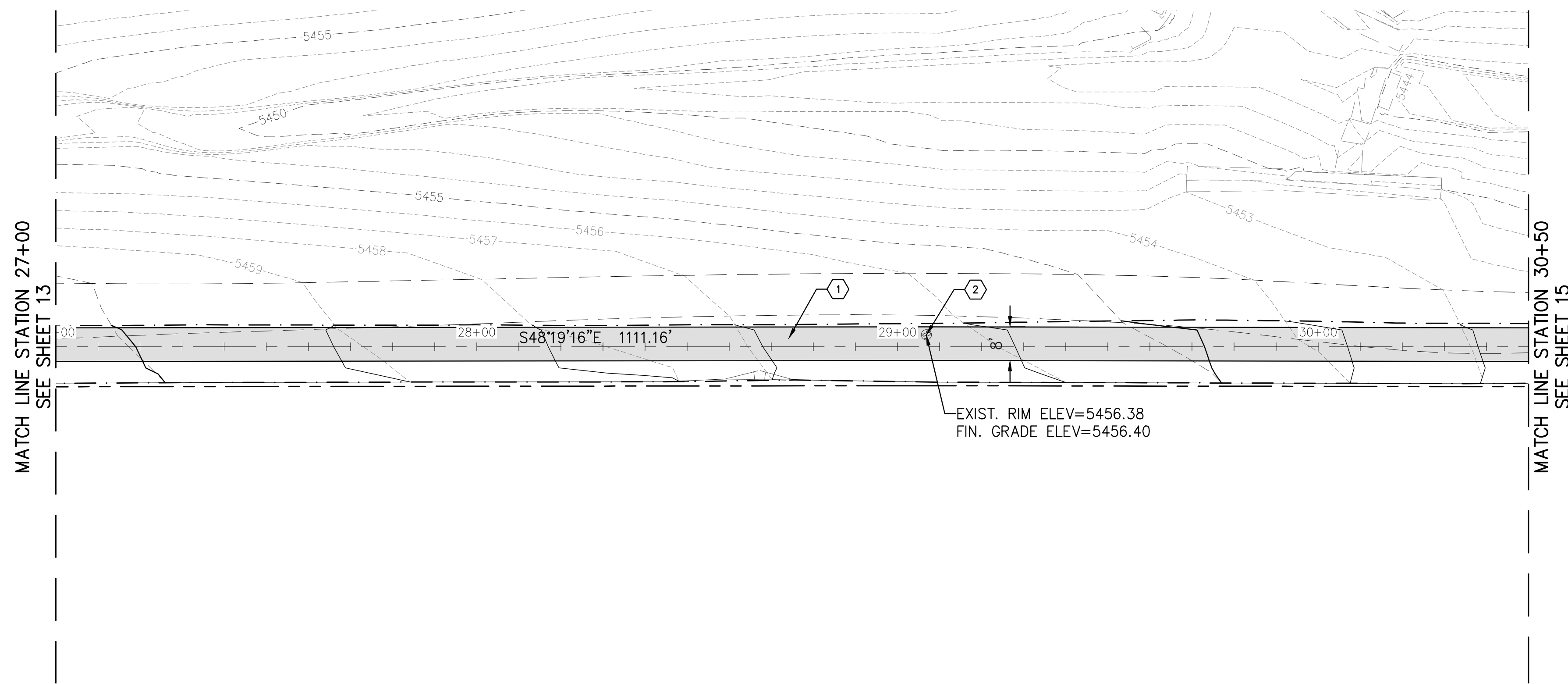


- KEYED NOTES:** 1
1. BUILD 8' WIDE ASPHALT CONCRETE ROAD PER CORR STANDARD DETAIL PS-01 OPTION 1 AND TYPICAL SECTION SHOWN BELOW.
 2. INSTALL PET WASTE STATION. THE PET WASTE STATION MUST INCLUDE A 8" STEEL SIGN POST, A 12"x18" ALUMINUM SIGN, AND A 10-GALLON WASTE RECEPTACLE WITH ATTACHED LID, AND TO BE APPROVED BY ENGINEER.
 3. ADJUST EXISTING MANHOLE COVER AND FRAME TO PROPOSED GRADE (2" OR LESS) PER CORR STANDARD DETAIL S-02 & S-03
 4. INSTALL DUMOR BENCH MODEL NUMBER 59-60 OR APPROVED EQUAL, PER S-1 EMBEDMENT.
 5. PLACE 4" THICK CRUSHER FINE 5' AROUND THE BENCHES AND PET WASTE STATION. THE SURFACE OF CRUSHER FINE TO BE FLUSH WITH MAINTENANCE ROAD AND ADJACENT GROUND.



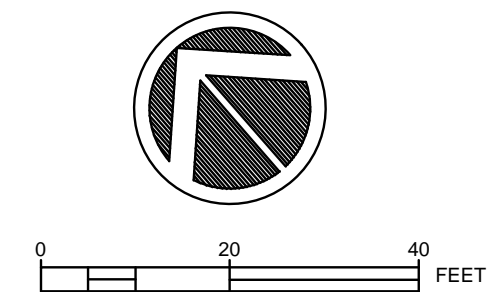
TYPICAL SECTION

Wednesday, May 31, 2023, 11:07:24 AM - KFOURNER
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LEGEND

- ASPHALT CONCRETE
- CONCRETE
- CRUSHER FINE
- NEW SIGN
- BENCH
- PET WASTE STATION
- LIMITS OF GRADING
- PROPERTY LINE
- CENTERLINE
- MAJOR CONTOUR
- MINOR CONTOUR



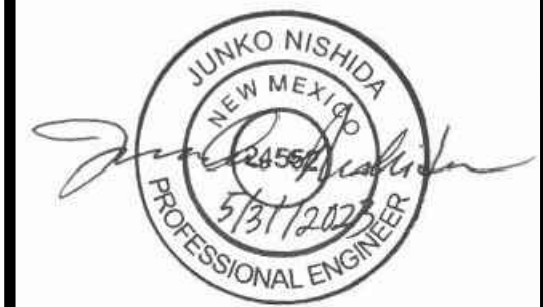
KEYED NOTES:

1. BUILD 8' WIDE ASPHALT CONCRETE ROAD PER CORR STANDARD DETAIL PS-01 OPTION 1 AND TYPICAL SECTION SHOWN BELOW.
2. ADJUST EXISTING MANHOLE COVER AND FRAME TO PROPOSED GRADE (2" OR LESS) PER CORR STANDARD DETAIL S-02 & S-03



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**STALLION CHANNEL ACCESS
SEGMENTS**

**NORTH SEGMENT
27+00.00 TO 30+50.00**

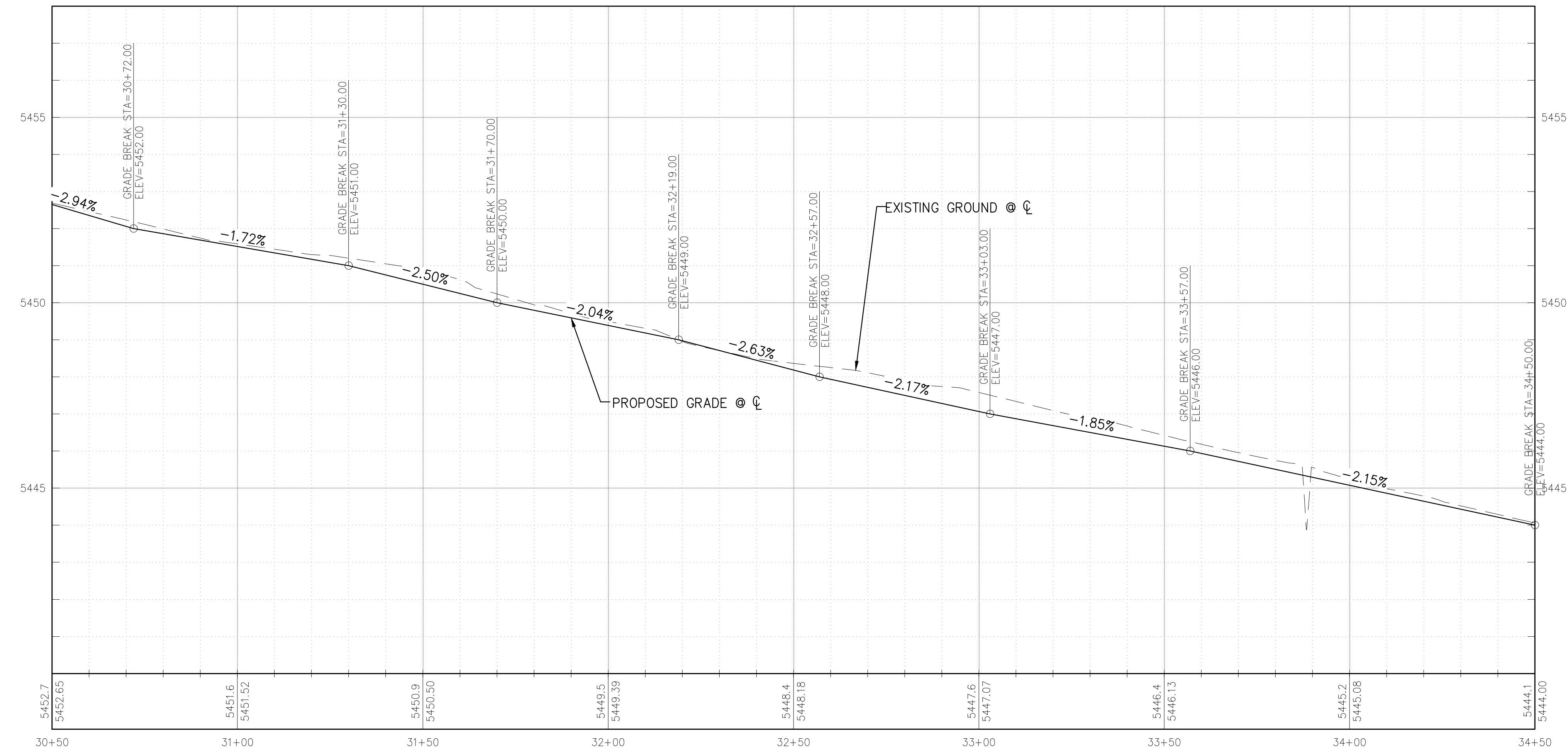
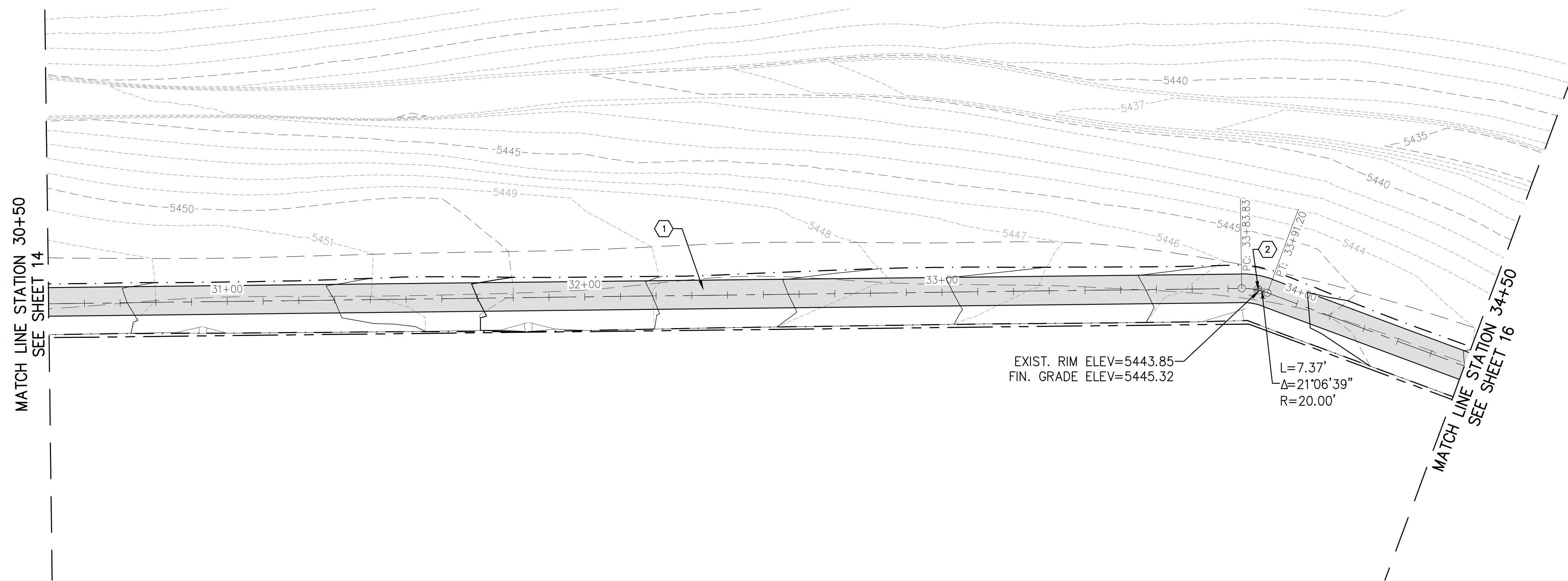
THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

REVISIONS & CHANGE NOTICES

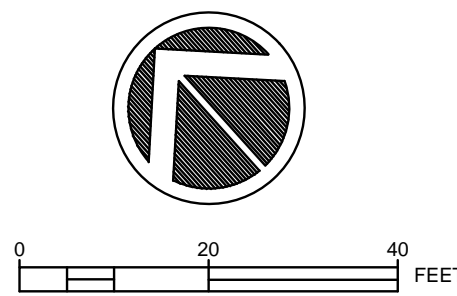
MARK	DESCRIPTION	DATE

PROJECT NO: BL_P0051
DESIGNED BY: JN
DRAWN BY: KLF
CHECKED BY: AES
DATE: 5/31/2023

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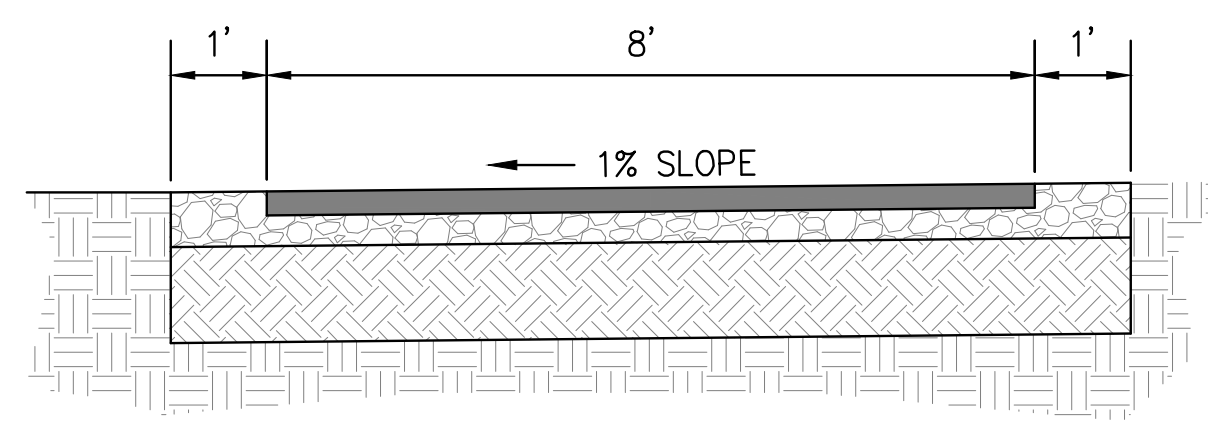


- ASPHALT CONCRETE
- CONCRETE
- CRUSHER FINE
- NEW SIGN
- BENCH
- PET WASTE STATION
- LIMITS OF GRADING
- PROPERTY LINE
- CENTERLINE
- MAJOR CONTOUR
- MINOR CONTOUR



KEYED NOTES:

1. BUILD 8' WIDE ASPHALT CONCRETE ROAD PER CORR STANDARD DETAIL PS-01 OPTION 1 AND TYPICAL SECTION SHOWN BELOW.
2. ADJUST EXISTING MANHOLE COVER AND FRAME TO PROPOSED GRADE (2" OR MORE) PER CORR STANDARD DETAIL S-02 & S-03.



TYPICAL SECTION

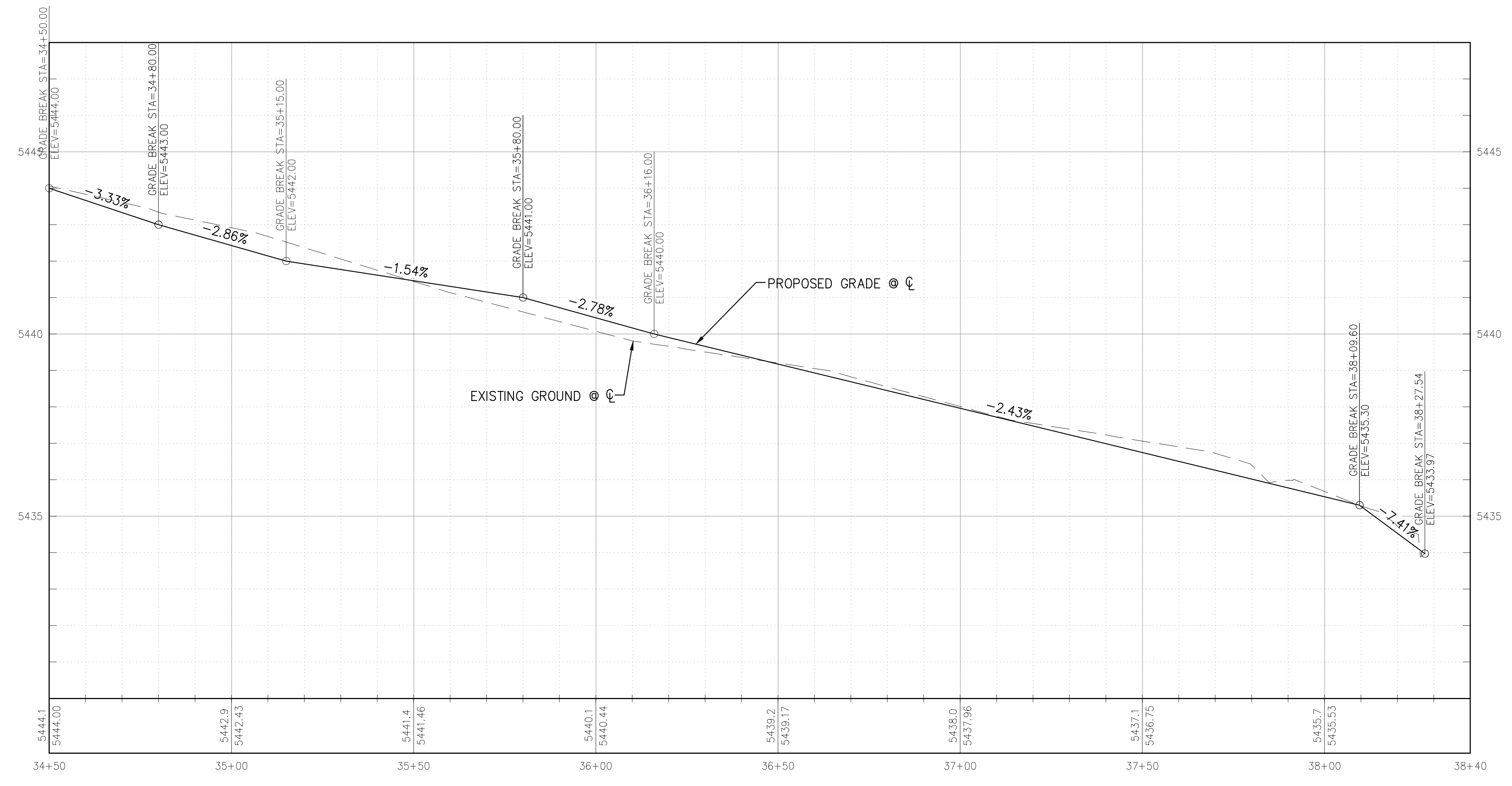
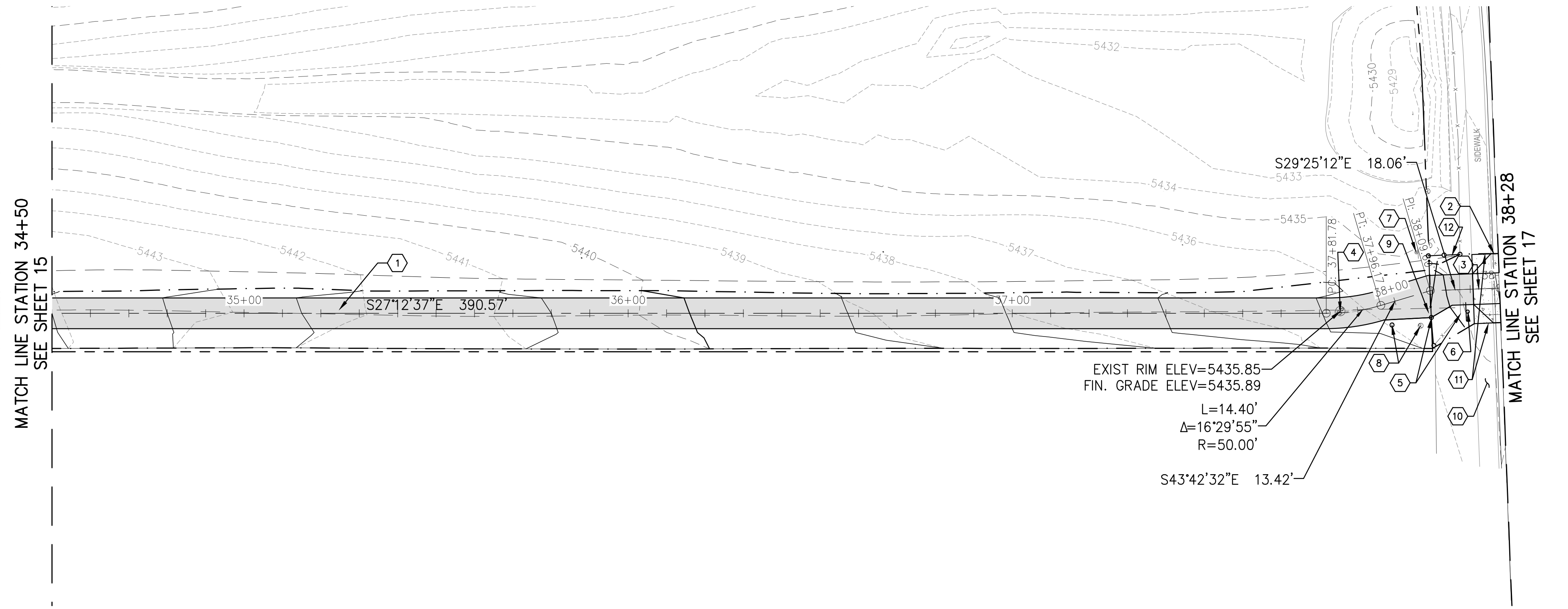
Southern Sandoval County
Arroyo Flood Control Authority
 1041 Commercial Dr. S.E.
 Rio Rancho, New Mexico 87124
 505-892-RAIN (7246)
 505-892-7241 (Fax)
 www.sscafca.com

STALLION CHANNEL ACCESS SEGMENTS	NORTH SEGMENT 30+50.00 TO 34+50.00
THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.	

REVISIONS & CHANGE NOTICES		
MARK	DESCRIPTION	DATE

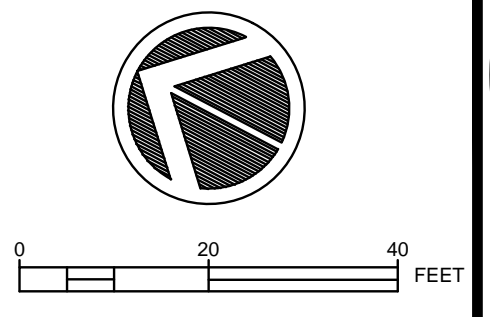
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 DESIGNED BY: JN
 DRAWN BY: KLF
 CHECKED BY: AES
 DATE: 5/31/2023

Tuesday, June 6, 2023 4:03:28 PM - KFOURNIER
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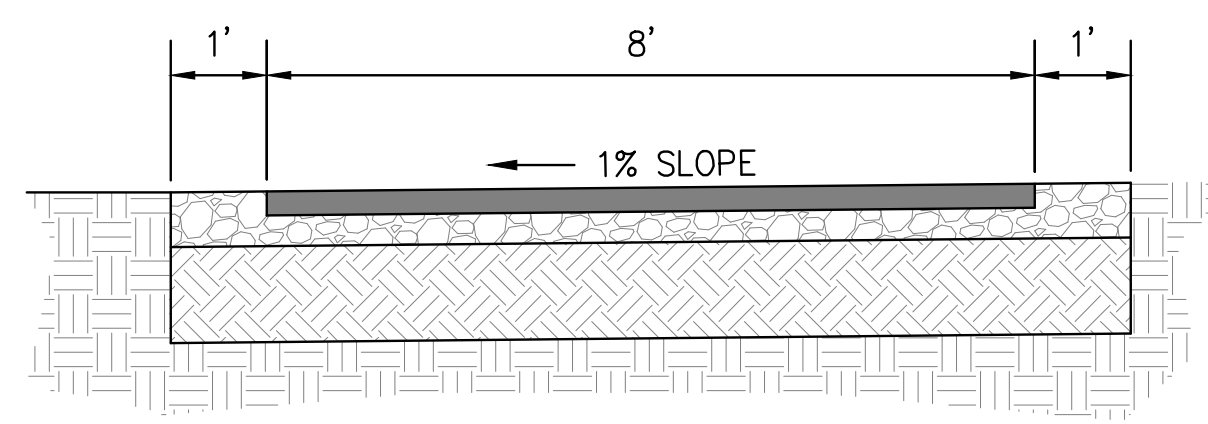
LEGEND

- ASPHALT CONCRETE
- CONCRETE
- CRUSHER FINE
- NEW SIGN
- BENCH
- PET WASTE STATION
- LIMITS OF GRADING
- PROPERTY LINE
- CENTERLINE
- MAJOR CONTOUR
- MINOR CONTOUR



KEYED NOTES:

1. BUILD 8' WIDE ASPHALT CONCRETE ROAD PER CORR STANDARD DETAIL PS-01 OPTION 1 AND TYPICAL SECTION SHOWN BELOW.
2. SAW CUT EXISTING CURB MATCH NEW DRIVE PAD ELEVATION.
3. INSTALL NEW DRIVE PAD PER CORR STANDARD DRAWING ADA-010 TYPE 3A DRIVEWAY APRON.
4. ADJUST EXISTING MANHOLE COVER AND FRAME TO PROPOSED GRADE (2" OR LESS) PER CORR STANDARD DETAIL S-02 & S-03.
5. REMOVE AND INSTALL EXISTING SSCAFCA GATE AS SHOWN. INCIDENTAL TO DRIVE PAD LINE ITEM.
6. INSTALL NO CROSSING SIGN PER MUTCD R9-3A (18"x18") AND CROSS AT CROSSWALK SIGN PER MUTCD R9-3BR (9"x18"). SIGN POST AND BASE INCIDENTAL TO SIGNS.
7. EXISTING SIGN TO REMAIN IN PLACE.
8. REMOVE AND INSTALL BOLLARD AS SHOWN. INCIDENTAL TO DRIVE PAD LINE ITEM.
9. EXTEND ASPHALT 3' AROUND THE GATE
10. EXISTING SIDEWALK.
11. SAW CUT AND REMOVE EXISTING SIDEWALK.
12. INSTALL FENCING PER SSCAFCA STANDARD DETAIL M100.



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 505-892-RAIN (7246)
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STALLION CHANNEL ACCESS SEGMENTS

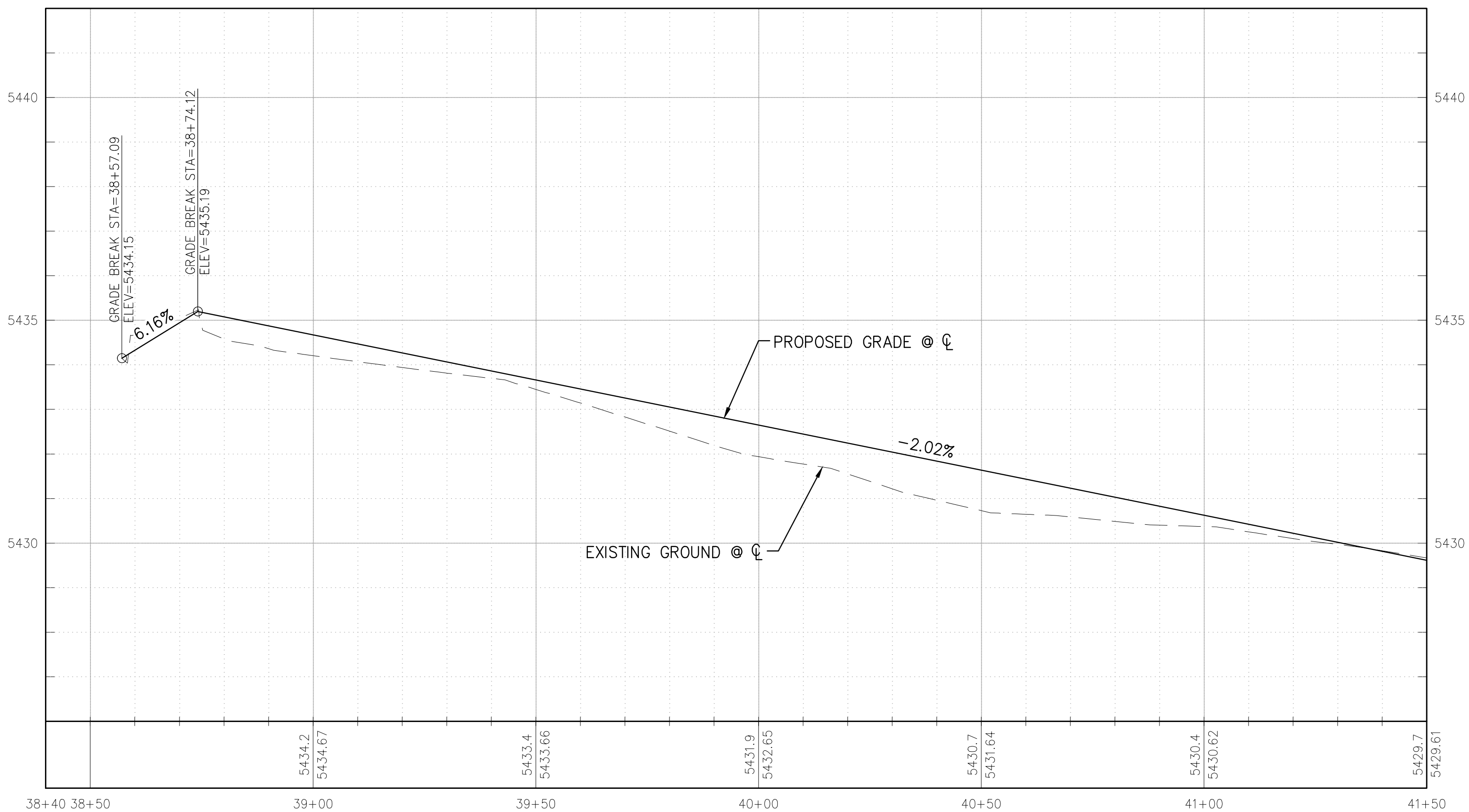
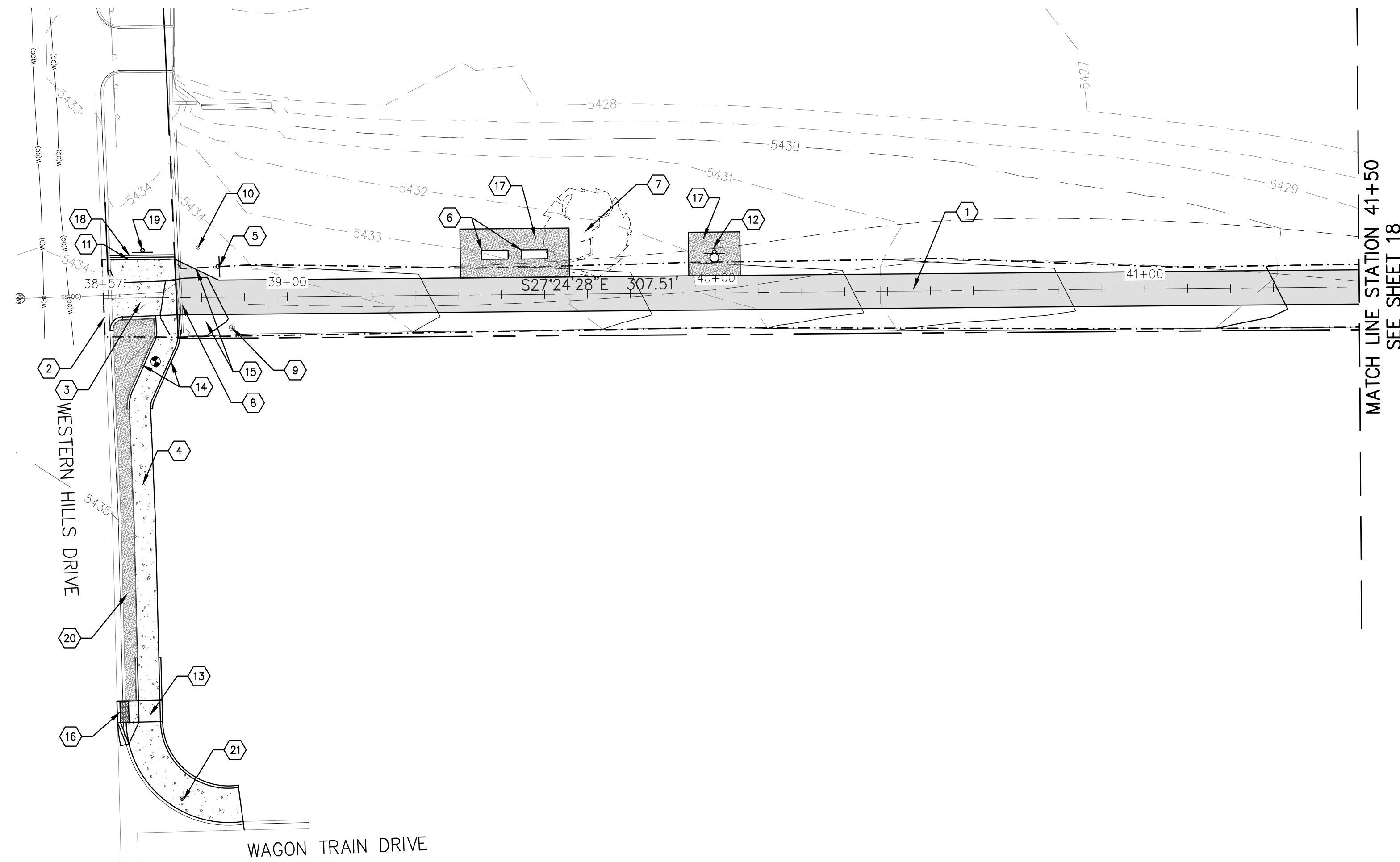
NORTH SEGMENT
 34+50.00 TO 38+27.66

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

REVISIONS & CHANGE NOTICES		
MARK	DESCRIPTION	DATE

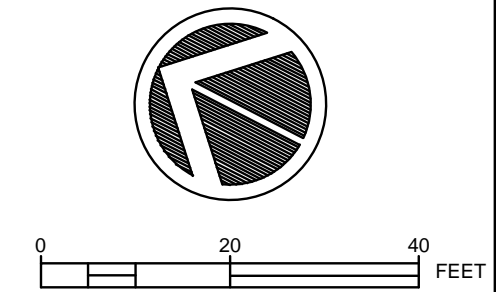
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 DESIGNED BY: JN
 DRAWN BY: KLF
 CHECKED BY: AES
 DATE: 6/6/2023

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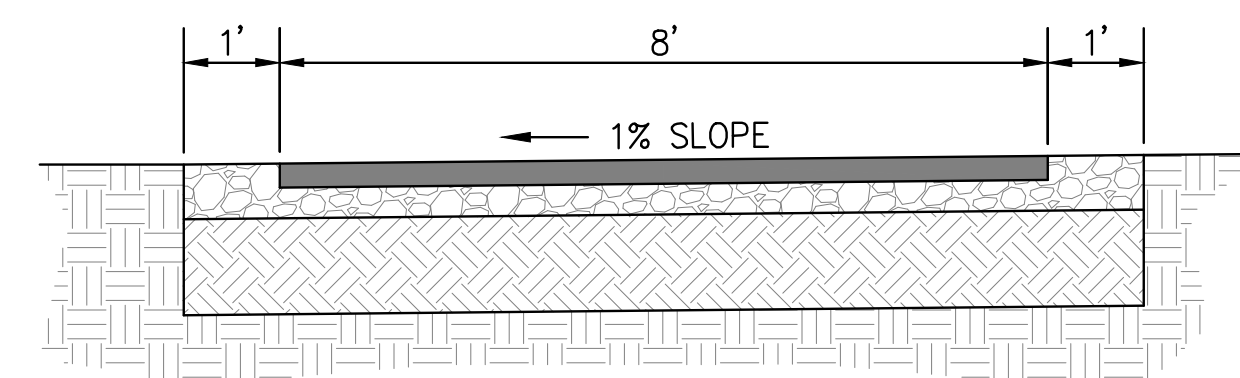
LEGEND

- ASPHALT CONCRETE
- CONCRETE
- CRUSHER FINE
- NEW SIGN
- BENCH
- PET WASTE STATION
- LIMITS OF GRADING
- PROPERTY LINE
- CENTERLINE
- MAJOR CONTOUR
- MINOR CONTOUR



KEYED NOTES:

1. BUILD 8' WIDE ASPHALT CONCRETE ROAD PER CORR STANDARD DETAIL PS-01 OPTION 1 AND TYPICAL SECTION SHOWN BELOW.
2. SAWCUT EXISTING CURB TO MATCH DRIVE PAD ELEVATION.
3. INSTALL DRIVE PAD PER CORR STANDARD DRAWING ADA-010 TYPE 2A APRON. CURB RETURNS ARE INCIDENTAL TO DRIVE PAD LINE ITEM.
4. INSTALL APPROXIMATELY 90' OF 5' SIDEWALK TO WAGON TRAIN DRIVE. SIDEWALK TO MATCH BACK OF CURB ELEVATION, PER CORR STANDARD DETAIL BF-01.
5. INSTALL NO CROSSING SIGN PER MUTCD R9-3A (18"x18") AND CROSS AT CROSSWALK SIGN PER MUTCD R9-3BR (9"x18"). SIGN POST AND BASE INCIDENTAL TO SIGNS.
6. INSTALL DUMOR BENCH MODEL NUMBER 59-60 OR APPROVED EQUAL, PER S-1 EMBEDMENT.
7. PROTECT EXISTING TREE IN PLACE.
8. EXISTING SSCAFCA GATE TO REMAIN IN PLACE.
9. EXISTING IRON POST TO REMAIN IN PLACE.
10. EXISTING SIGN TO REMAIN IN PLACE.
11. SAW CUT AND REMOVE EXISTING SIDEWALK.
12. INSTALL PET WASTE STATION. THE PET WASTE STATION MUST INCLUDE A 8" STEEL SIGN POST, A 12"x18" ALUMINUM SIGN, AND A 10-GALLON WASTE RECEPTACLE WITH ATTACHED LID, AND TO BE APPROVED BY ENGINEER.
13. INSTALL SIDEWALK RAMP PER CORR STANDARD DETAIL ADA-006 COMBINATION CURB RAMP (C) FOR CROSSING WESTERN HILLS DRIVE.
14. CONSTRUCT CURBS, 8" HIGH AND 4" THICK, OUTSIDE THE EDGE OF THE SIDEWALK. THE CURB IS INCIDENTAL TO SIDEWALK LINE ITEM.
15. EXTEND ASPHALT TO MATCH OPENING.
16. INSTALL DETECTABLE WARNING SURFACE PER CORR STANDARD DRAWING ADA-009. INCIDENTAL TO RAMP LINE ITEM.
17. PLACE 4" THICK CRUSHER FINE 5' AROUND THE BENCHES AND PET WASTE STATION. THE SURFACE OF CRUSHER FINE TO BE FLUSH WITH MAINTENANCE ROAD AND ADJACENT GROUND.
18. PLACE PIN CURB ACROSS THE CONCRETE AREA PER CORR STANDARD DETAIL CG-02 TYPE 1.
19. PLACE SIDEWALK CLOSED SIGN PER MUTCD X-R9-9 (12"x18"). SIGN POST AND BASE INCIDENTAL TO SIGN.
20. PLACE CRUSHER FINES IN THE BUFFER ZONE, PER CORR STANDARD DETAIL BF-01.
21. RELOCATE STOP & STREET SIGNS. RELOCATION INCIDENTAL TO RAMP LINE ITEM.



TYPICAL SECTION



Southern Sandoval County Arroyo Flood Control Authority

1041 Commercial Dr. S.E.
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STALLION CHANNEL ACCESS SEGMENTS

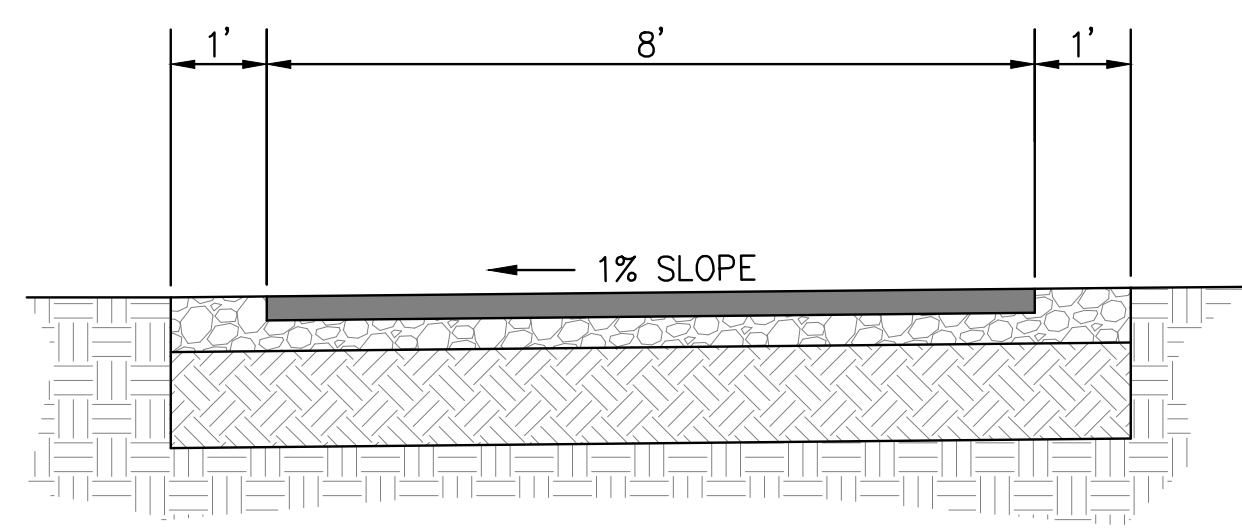
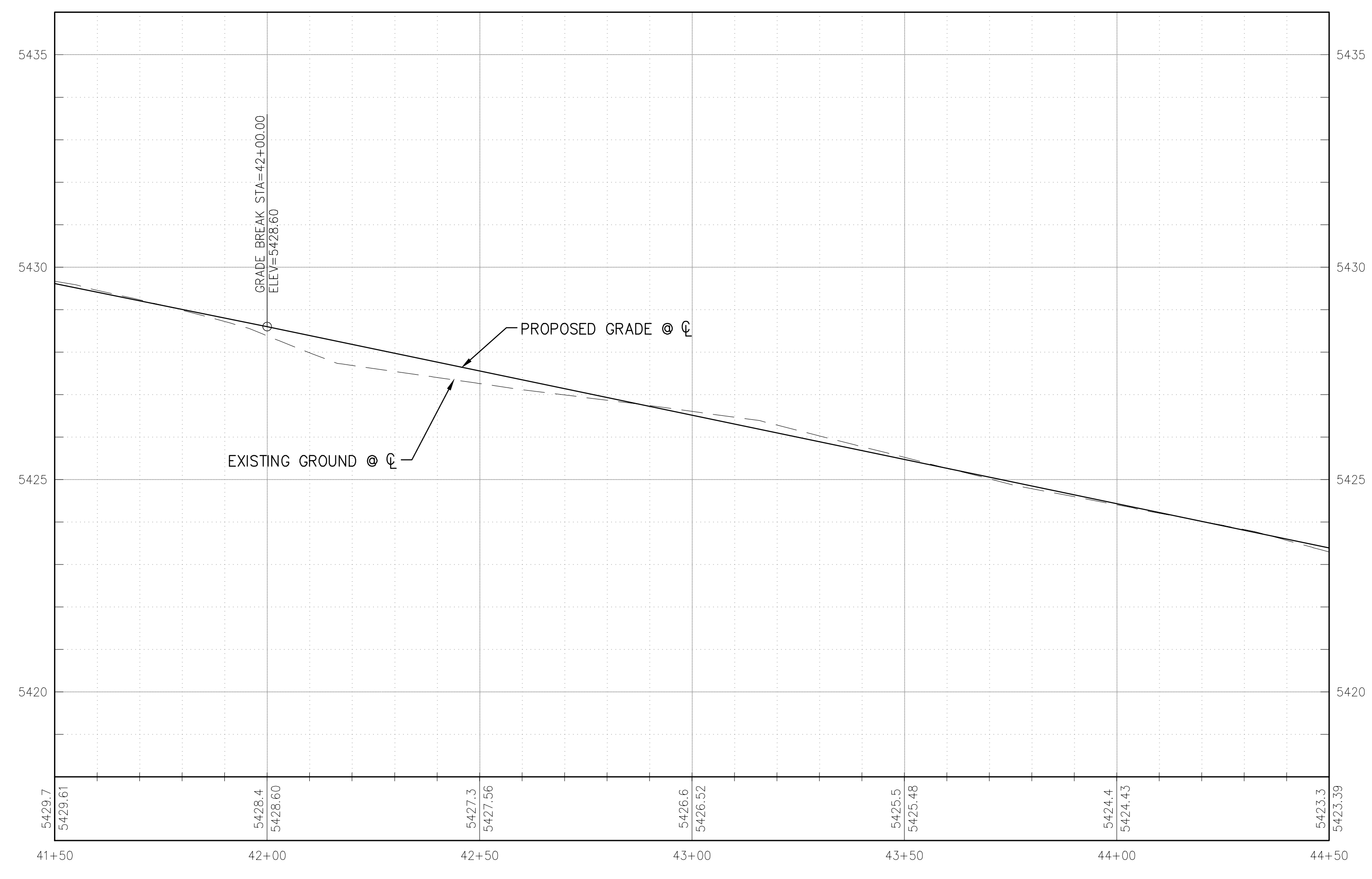
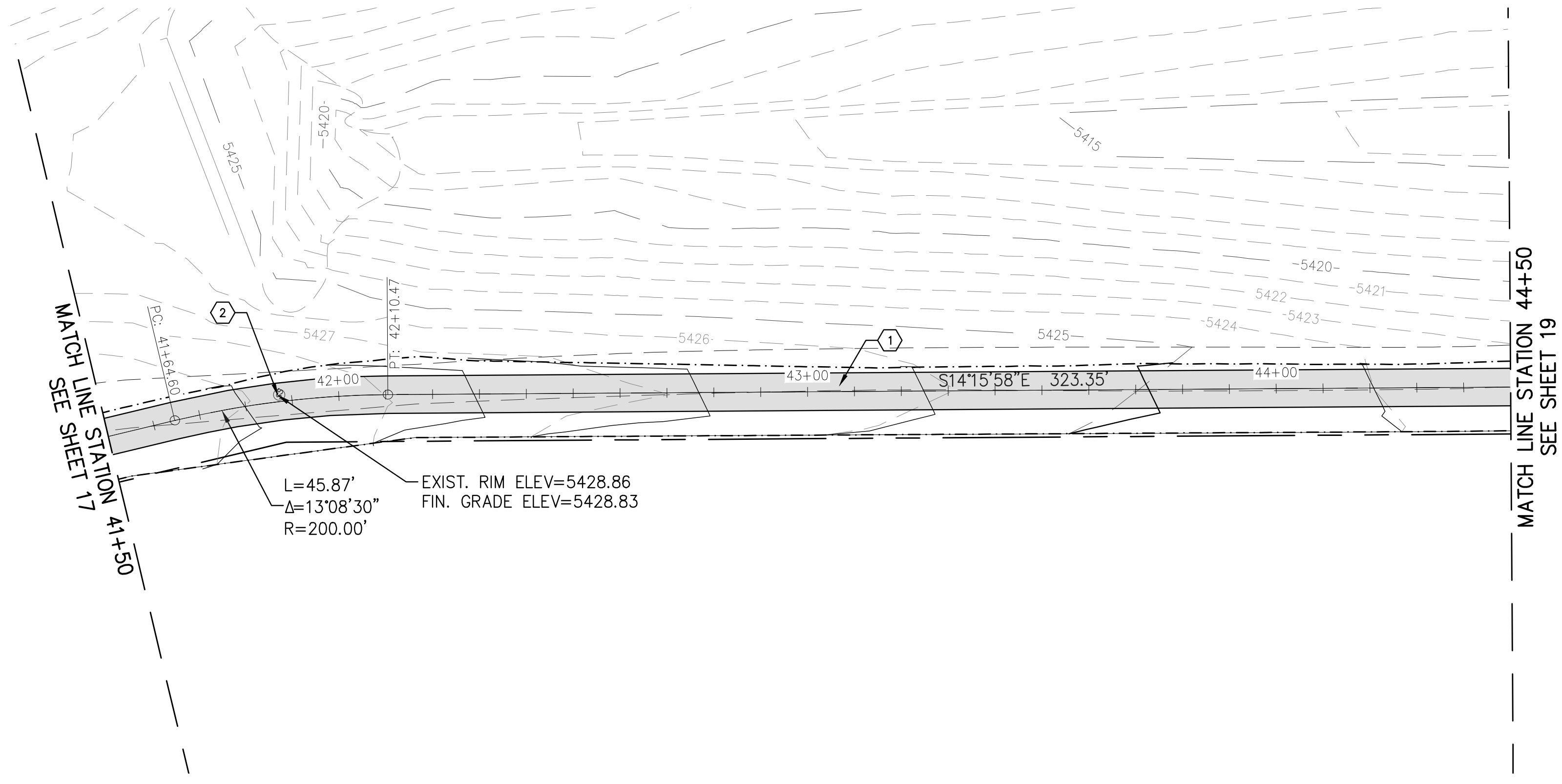
**SOUTH SEGMENT
 38+57.09 TO 41+50.00**

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

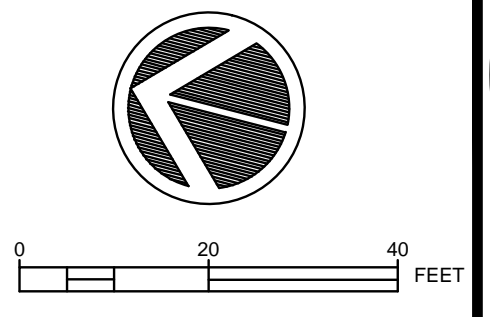
REVISIONS & CHANGE NOTICES		
MARK	DESCRIPTION	DATE

PROJECT NO: BL_P0051
 DESIGNED BY: JN
 DRAWN BY: KLF
 CHECKED BY: AES
 DATE: 5/31/2023


Wednesday, May 31, 2023, 12:26:07 PM - KFOURNER
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- LEGEND**
- ASPHALT CONCRETE
 - CONCRETE
 - CRUSHER FINE
 - NEW SIGN
 - BENCH
 - PET WASTE STATION
 - LIMITS OF GRADING
 - PROPERTY LINE
 - CENTERLINE
 - MAJOR CONTOUR
 - MINOR CONTOUR



- KEYED NOTES:**
- BUILD 8' WIDE ASPHALT CONCRETE ROAD PER CORR STANDARD DETAIL PS-01 OPTION 1 AND TYPICAL SECTION SHOWN BELOW.
 - ADJUST EXISTING MANHOLE COVER AND FRAME TO PROPOSED GRADE (2" OR LESS) PER CORR STANDARD DETAIL S-02 & S-03.



**Southern Sandoval
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Arroyo Flood Control
Authority**

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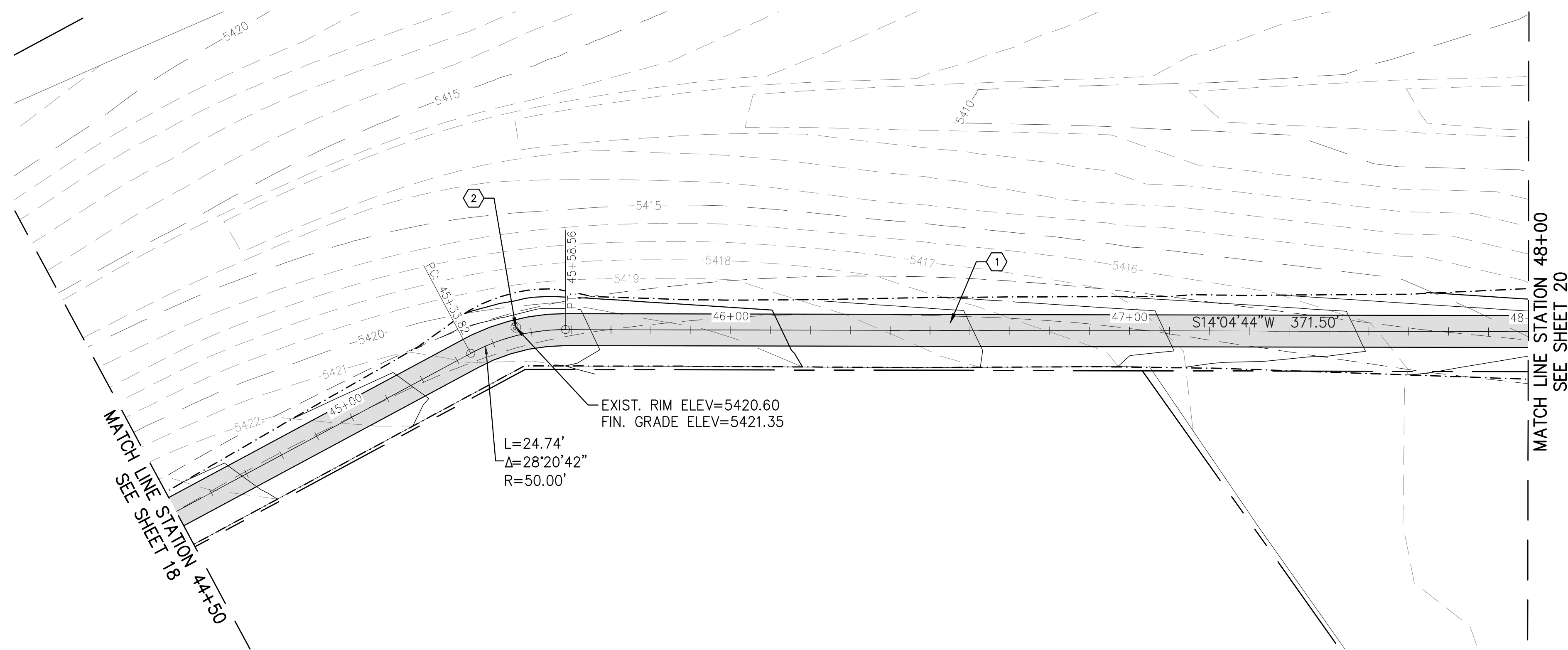
JUNKO NISHIDA
NEW MEXICO
24559
5/31/2023
PROFESSIONAL ENGINEER

STALLION CHANNEL ACCESS SEGMENTS	SOUTH SEGMENT 41+50.00 TO 44+50.00
THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.	

REVISIONS & CHANGE NOTICES		
MARK	DESCRIPTION	DATE

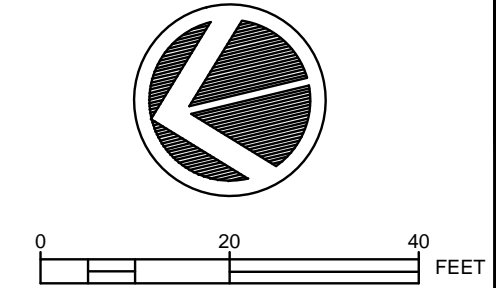
PROJECT NO: BL_P0051
 DESIGNED BY: JN
 DRAWN BY: KLF
 CHECKED BY: AES
 DATE: 5/31/2023

Wednesday, May 31, 2023, 12:26:07 PM - KOURNER
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LEGEND

- ASPHALT CONCRETE
- CONCRETE
- CRUSHER FINE
- NEW SIGN
- BENCH
- PET WASTE STATION
- LIMITS OF GRADING
- PROPERTY LINE
- CENTERLINE
- MAJOR CONTOUR
- MINOR CONTOUR



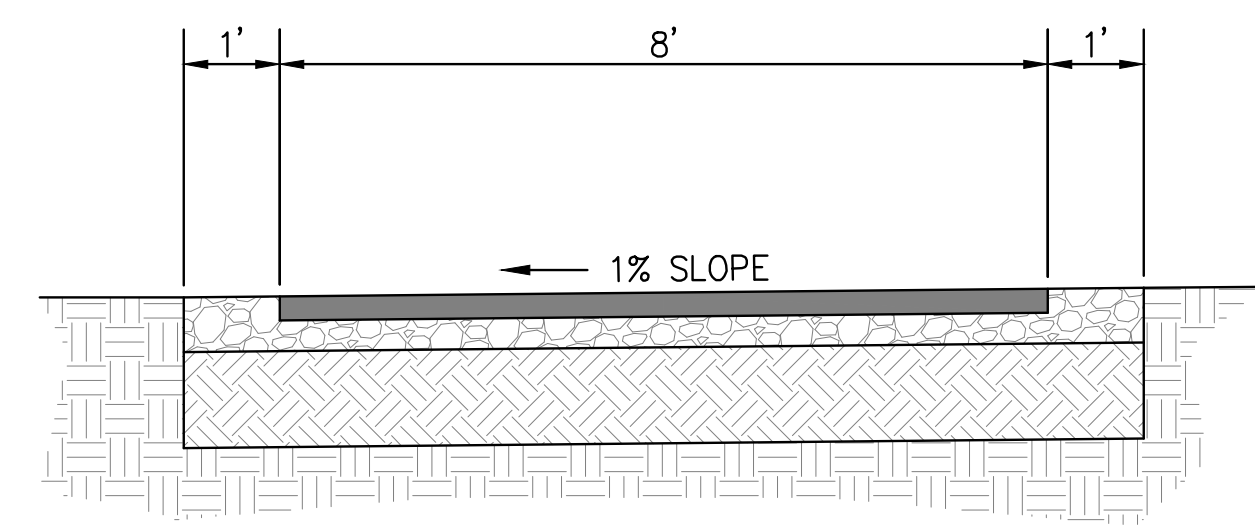
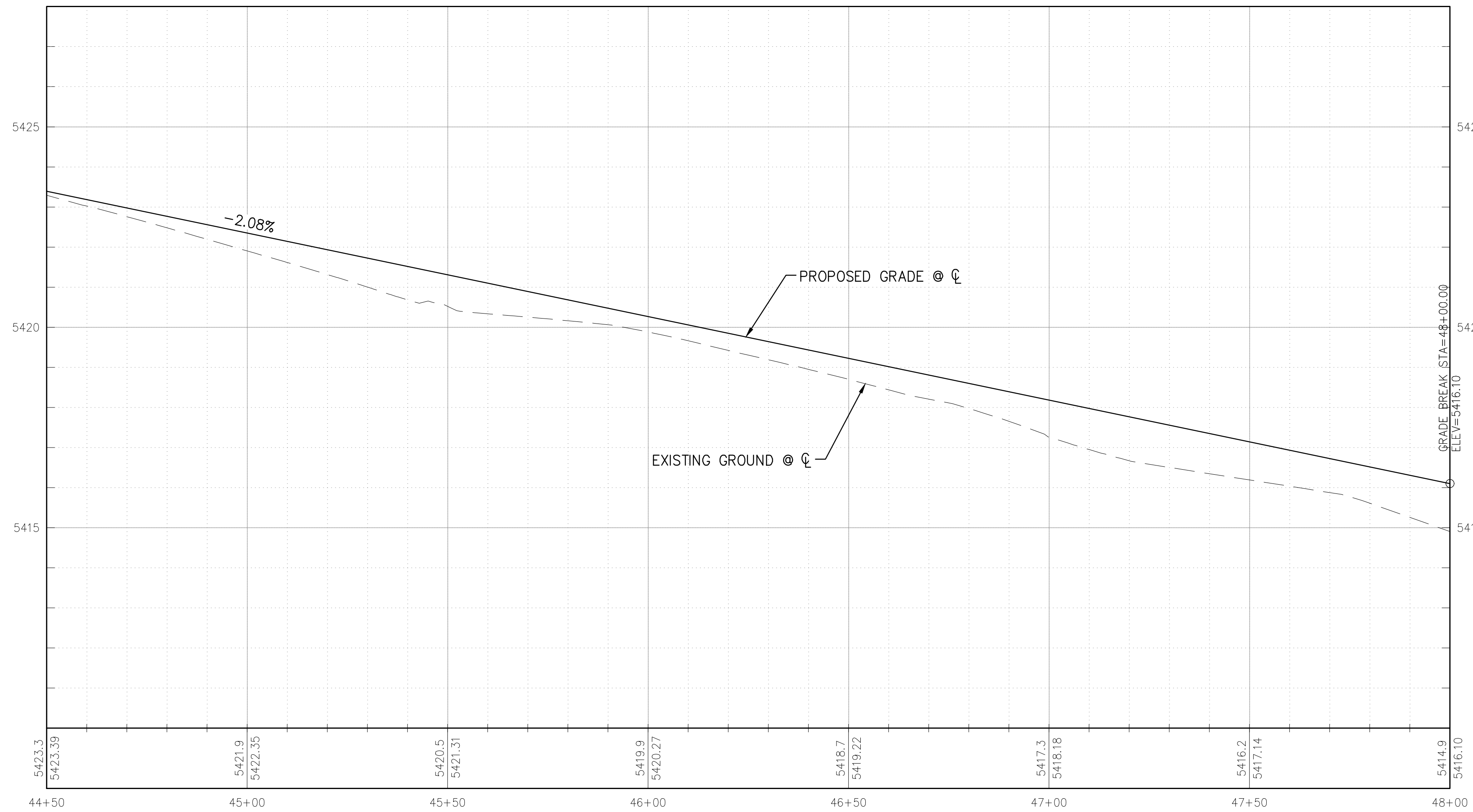
KEYED NOTES:

1. BUILD 8' WIDE ASPHALT CONCRETE ROAD PER CORR STANDARD DETAIL PS-01 OPTION 1 AND TYPICAL SECTION SHOWN BELOW.
2. ADJUST EXISTING MANHOLE COVER AND FRAME TO PROPOSED GRADE (2" OR MORE) PER CORR STANDARD DETAIL S-02 & S-03.



**Southern Sandoval County
Arroyo Flood Control Authority**

1041 Commercial Dr. S.E.
Rio Rancho, New Mexico 87124
505-892-RAIN (7246)
505-892-7241 (Fax)
www.sscafca.com



TYPICAL SECTION

**STALLION CHANNEL ACCESS
SEGMENTS**

**SOUTH SEGMENT
44+50.00 TO 48+00.00**

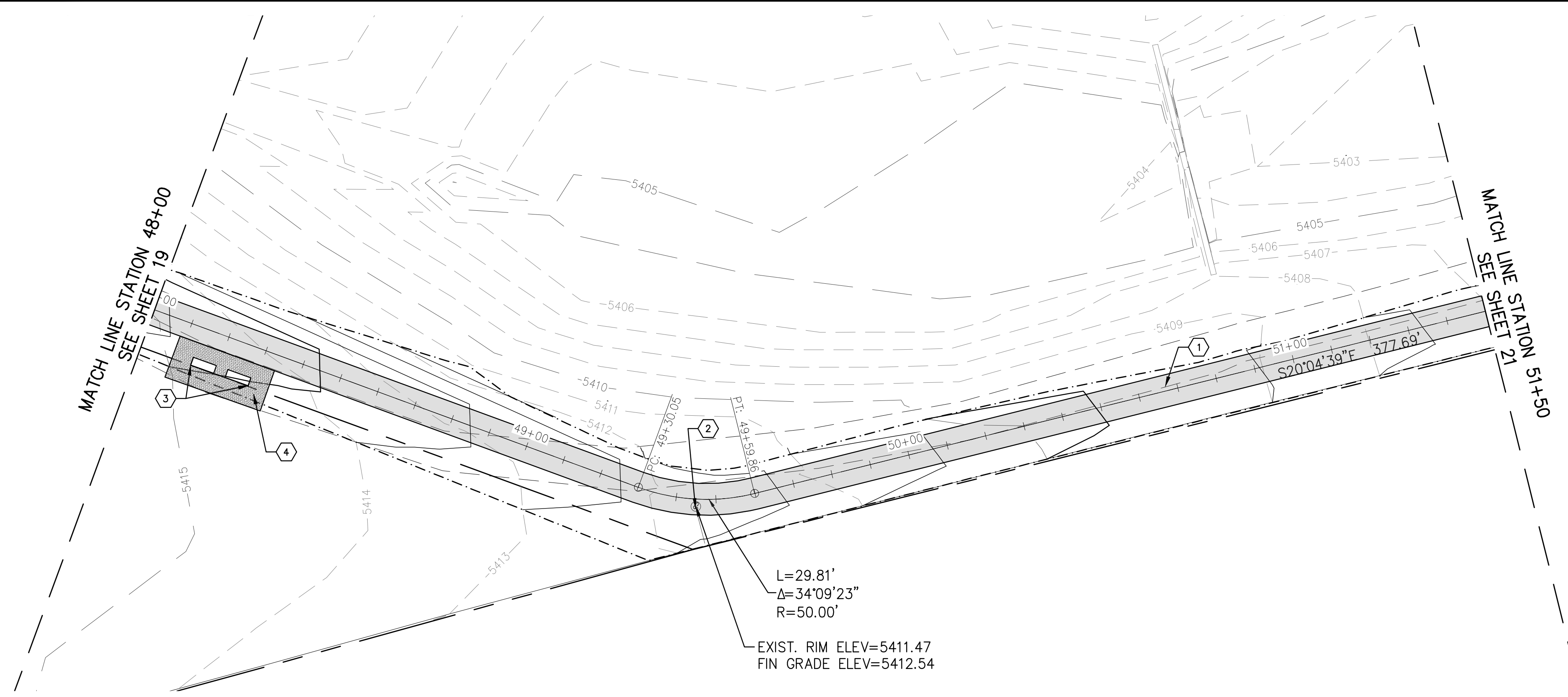
THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

REVISIONS & CHANGE NOTICES

MARK	DESCRIPTION	DATE

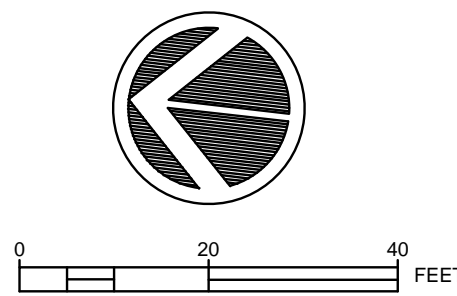
PROJECT NO: BL_P0051
DESIGNED BY: JN
DRAWN BY: KLF
CHECKED BY: AES
DATE: 5/31/2023

Wednesday, May 31, 2023, 12:26:07 PM - KOURNER
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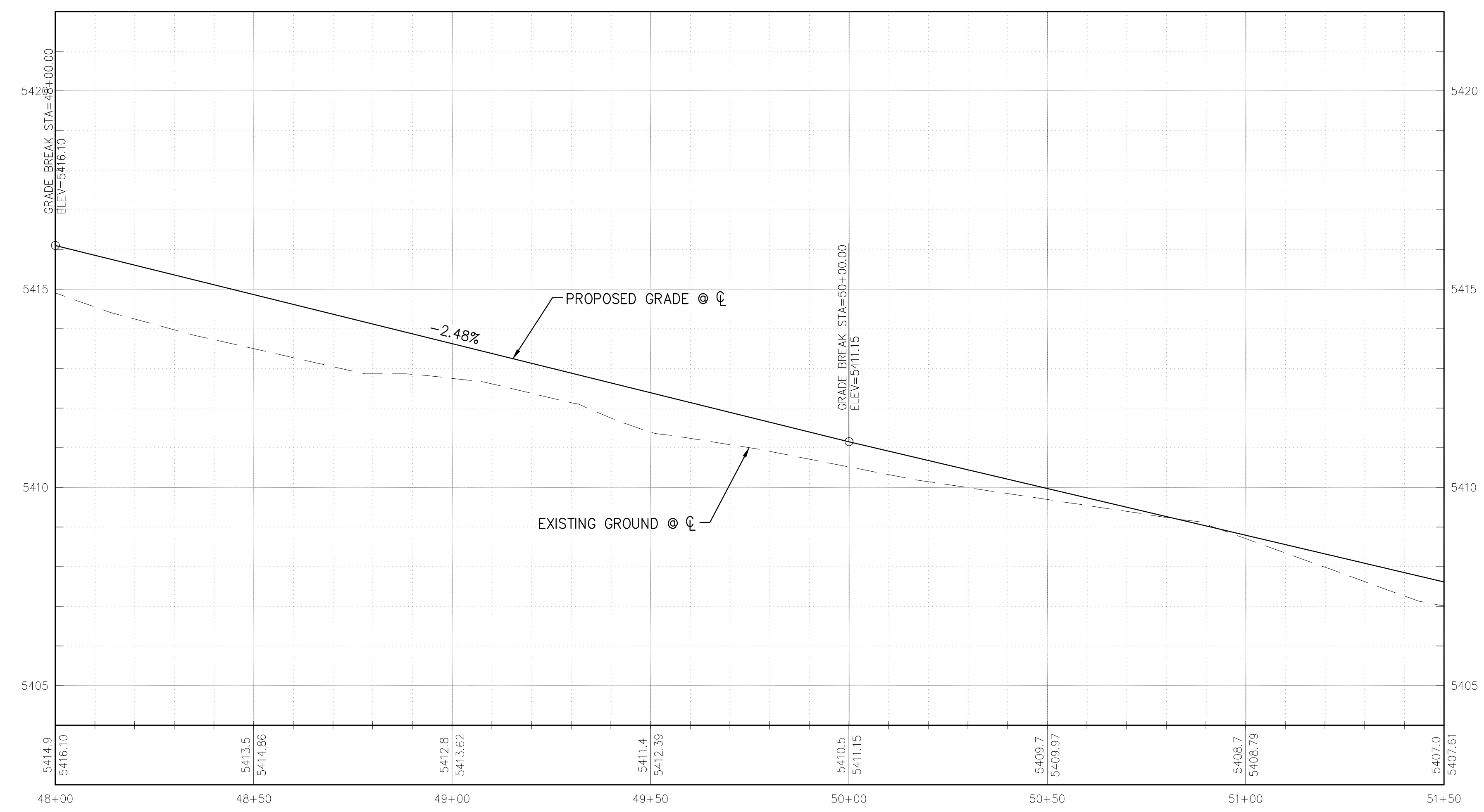
LEGEND

- ASPHALT CONCRETE
- CONCRETE
- CRUSHER FINE
- NEW SIGN
- BENCH
- PET WASTE STATION
- LIMITS OF GRADING
- PROPERTY LINE
- CENTERLINE
- MAJOR CONTOUR
- MINOR CONTOUR



KEYED NOTES:

1. BUILD 8' WIDE ASPHALT CONCRETE ROAD PER CORR STANDARD DETAIL PS-01 OPTION 1 AND TYPICAL SECTION SHOWN BELOW.
2. ADJUST EXISTING MANHOLE COVER AND FRAME TO PROPOSED GRADE (2" OR MORE) PER CORR STANDARD DETAIL S-02 & S-03.
3. INSTALL DUMOR BENCH MODEL NUMBER 59-60 OR APPROVED EQUAL, PER S-1 EMBEDMENT.
4. PLACE 4" THICK CRUSHER FINE 5' AROUND THE BENCHES. THE SURFACE OF CRUSHER FINE TO BE FLUSH WITH MAINTENANCE ROAD AND ADJACENT GROUND.



TYPICAL SECTION

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STALLION CHANNEL ACCESS SEGMENTS

SOUTH SEGMENT
48+00.00 TO 51+50.00

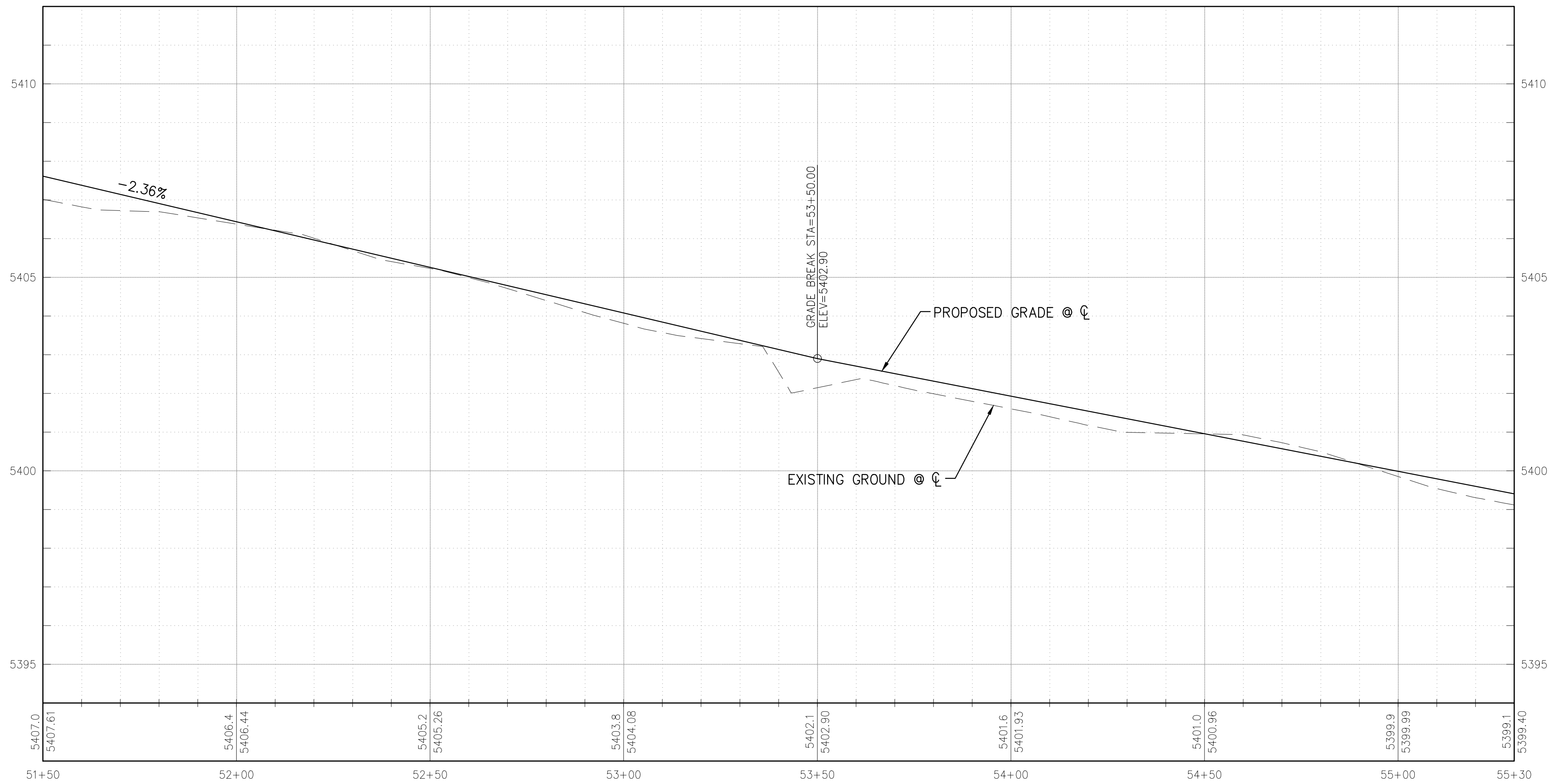
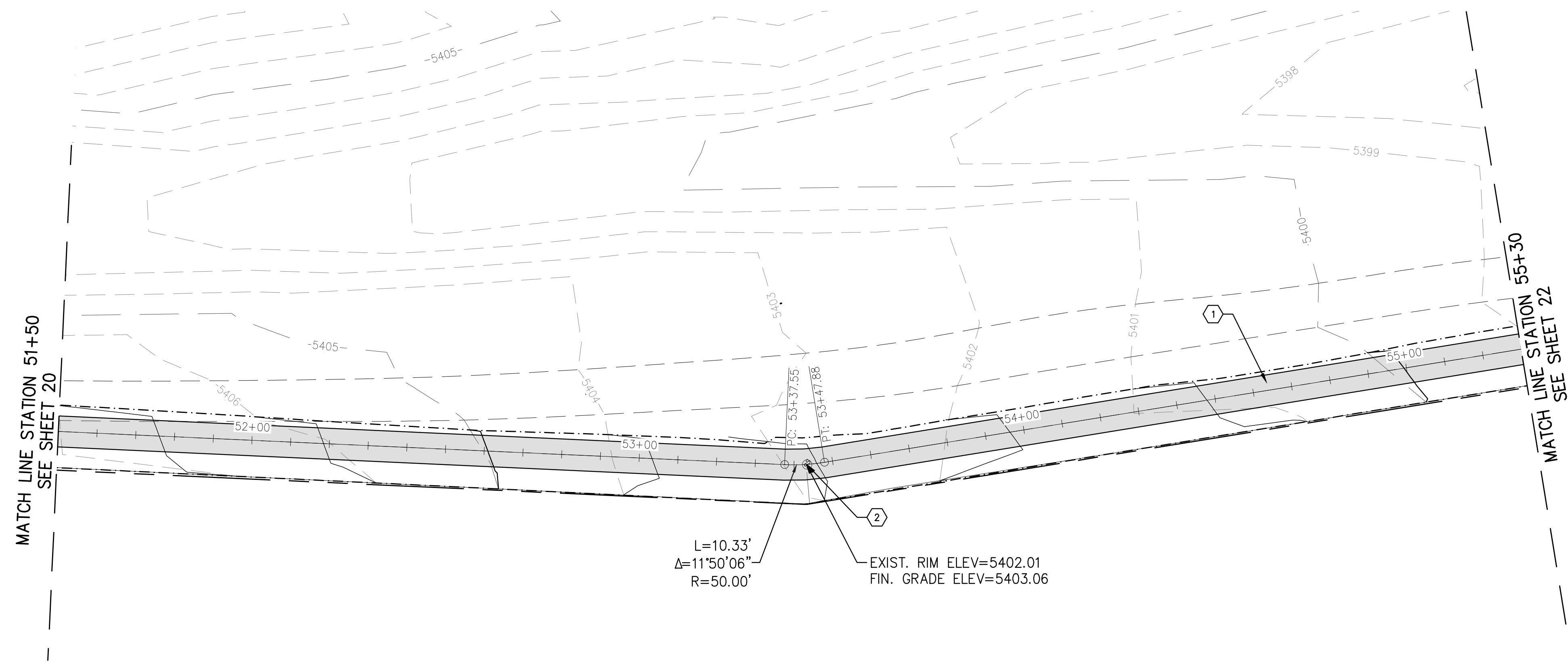
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REVISIONS & CHANGE NOTICES

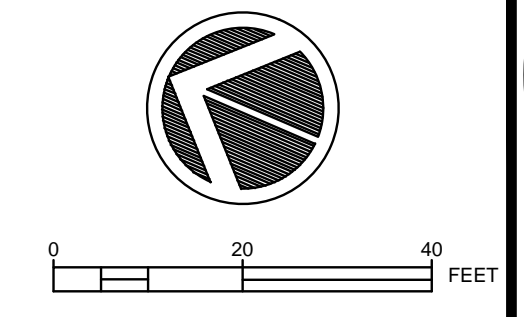
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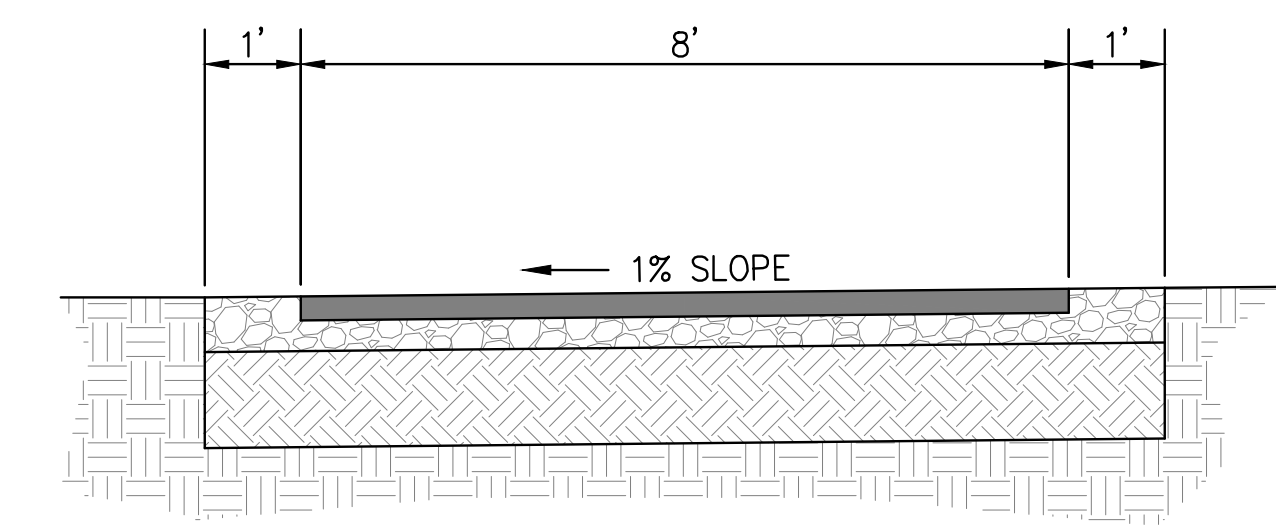
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- LEGEND**
- ASPHALT CONCRETE
 - CONCRETE
 - CRUSHER FINE
 - NEW SIGN
 - BENCH
 - PET WASTE STATION
 - LIMITS OF GRADING
 - PROPERTY LINE
 - CENTERLINE
 - MAJOR CONTOUR
 - MINOR CONTOUR



- KEYED NOTES:**
1. BUILD 8' WIDE ASPHALT CONCRETE ROAD PER CORR STANDARD DETAIL PS-01 OPTION 1 AND TYPICAL SECTION SHOWN BELOW.
 2. ADJUST EXISTING MANHOLE COVER AND FRAME TO PROPOSED GRADE (2" OR MORE) PER CORR STANDARD DETAIL S-02 & S-03.



TYPICAL SECTION

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**STALLION CHANNEL ACCESS
 SEGMENTS**

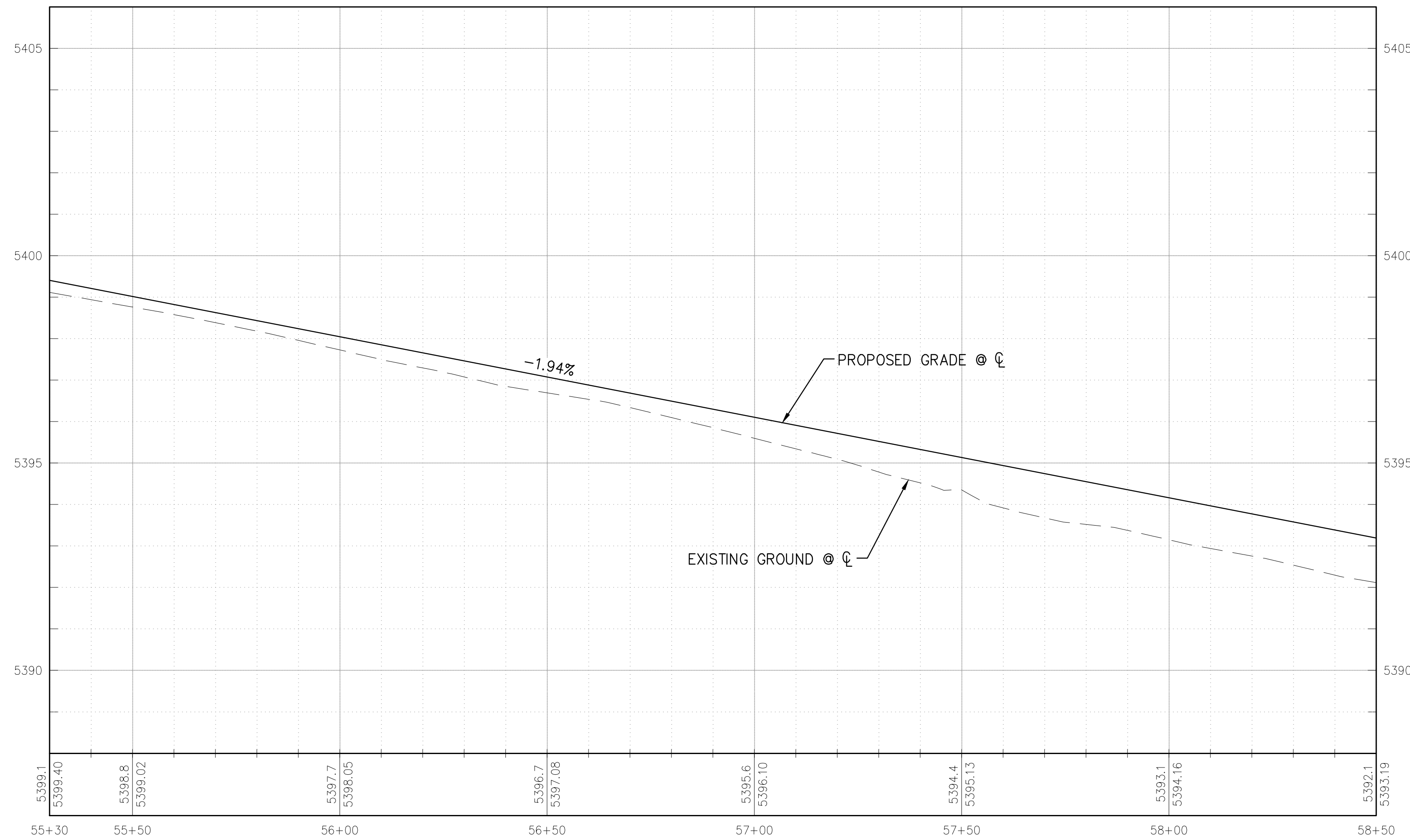
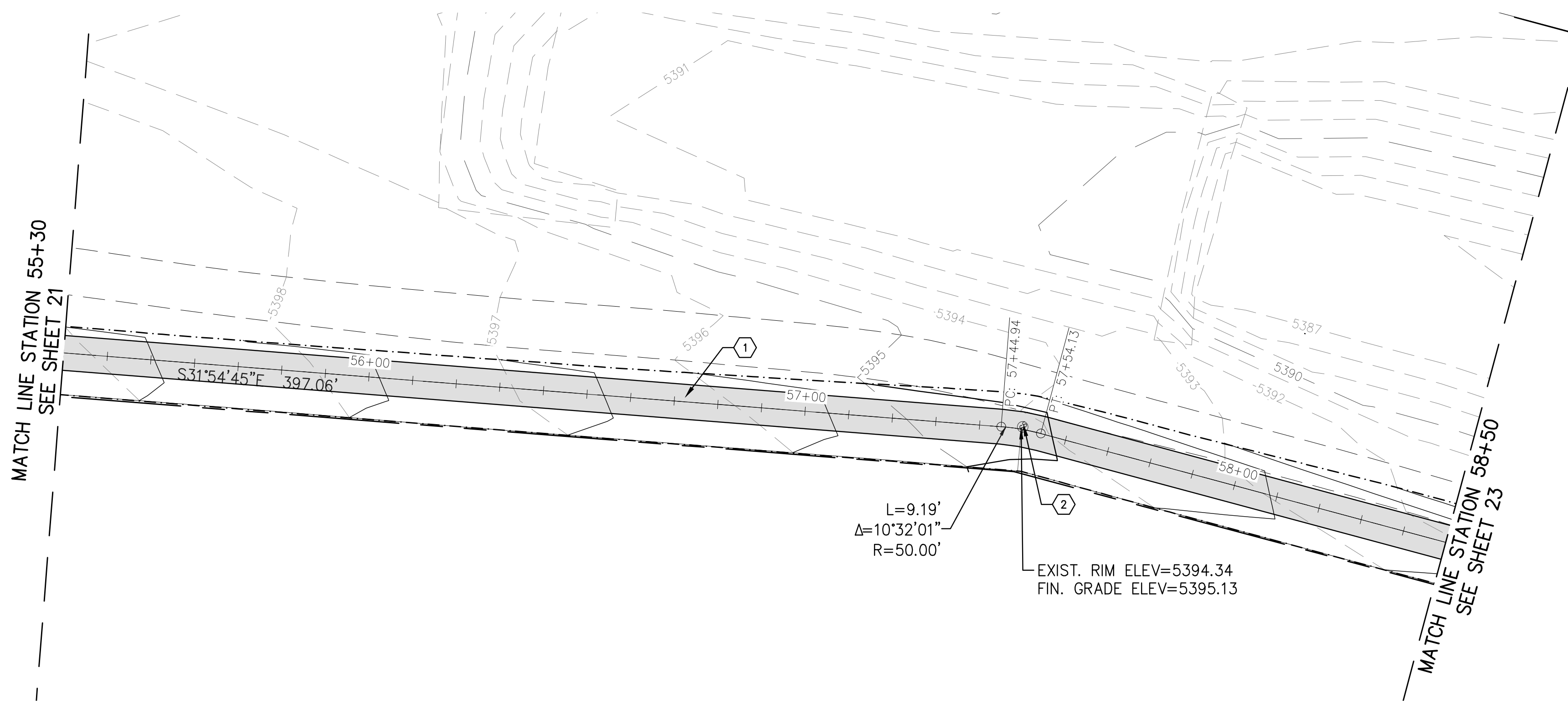
**SOUTH SEGMENT
 51+50.00 TO 55+30.00**

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

REVISIONS & CHANGE NOTICES		
MARK	DESCRIPTION	DATE

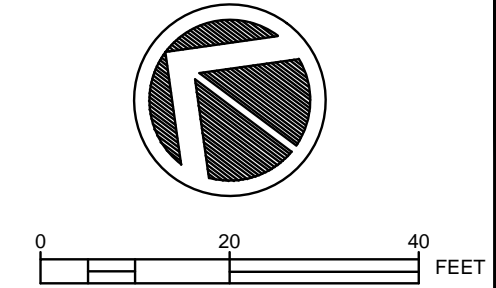
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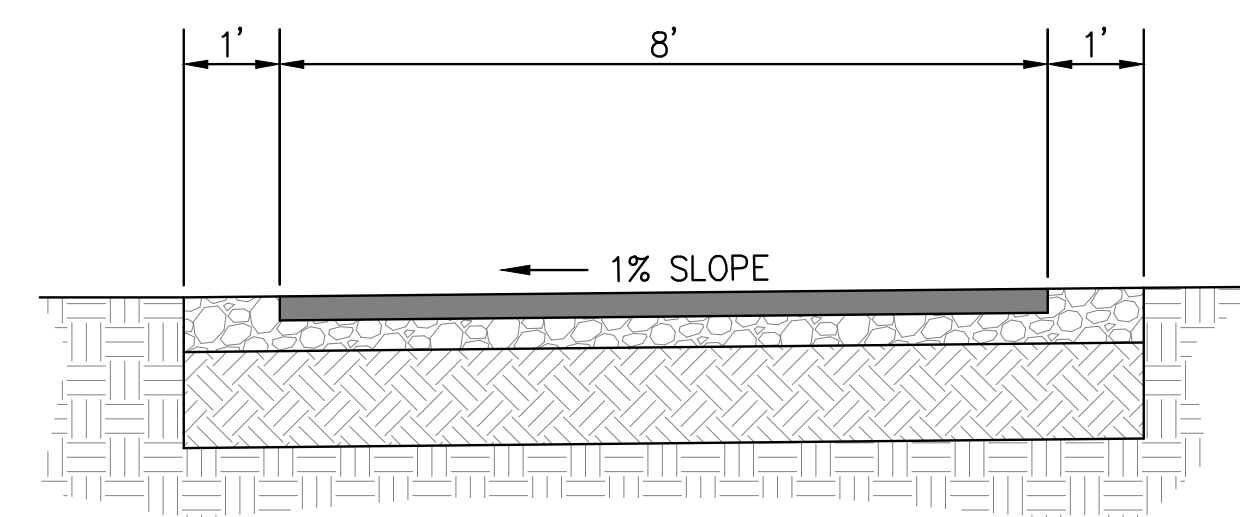
LEGEND

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TYPICAL SECTION



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**STALLION CHANNEL ACCESS
SEGMENTS**

**SOUTH SEGMENT
55+30.00 TO 58+50.00**

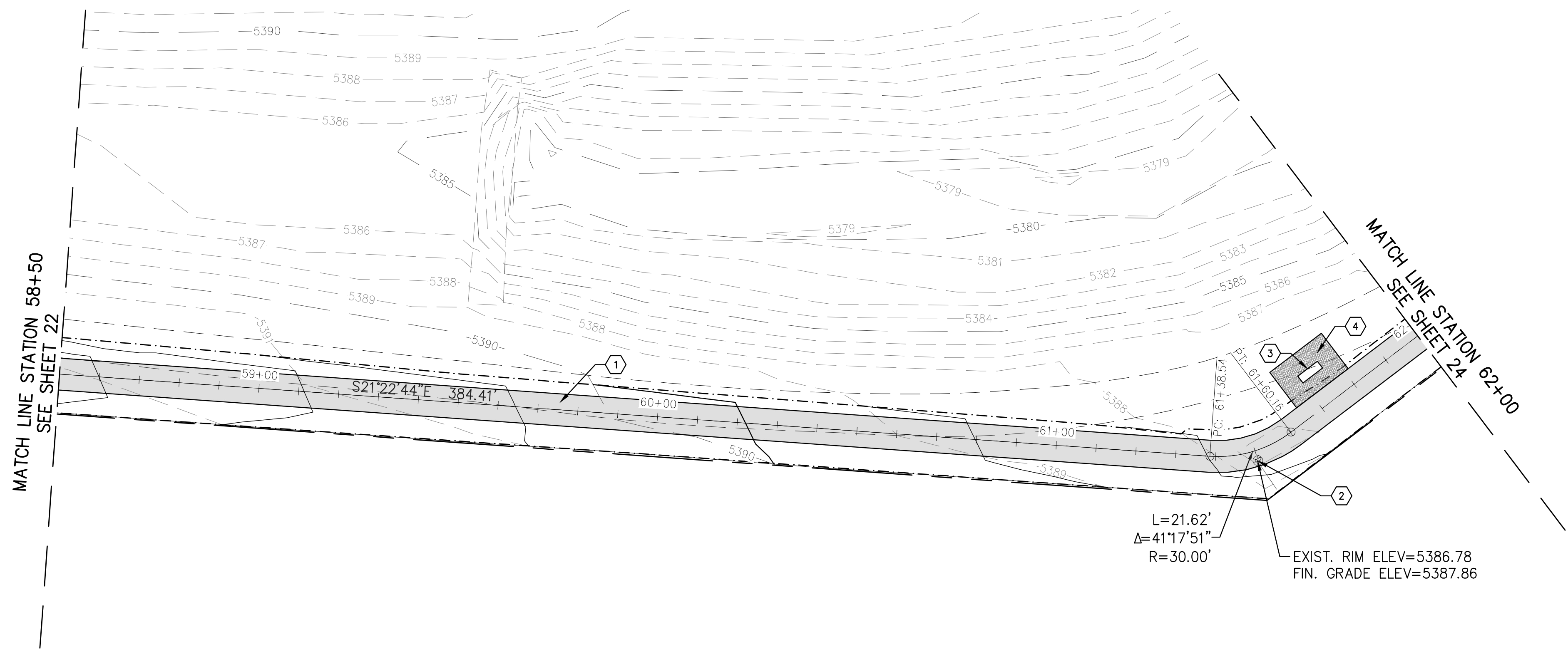
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**REVISIONS &
CHANGE NOTICES**

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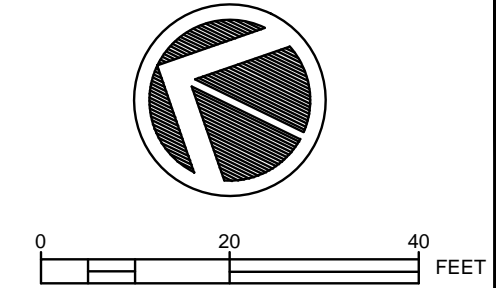
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LEGEND

- ASPHALT CONCRETE
- CONCRETE
- CRUSHER FINE
- NEW SIGN
- BENCH
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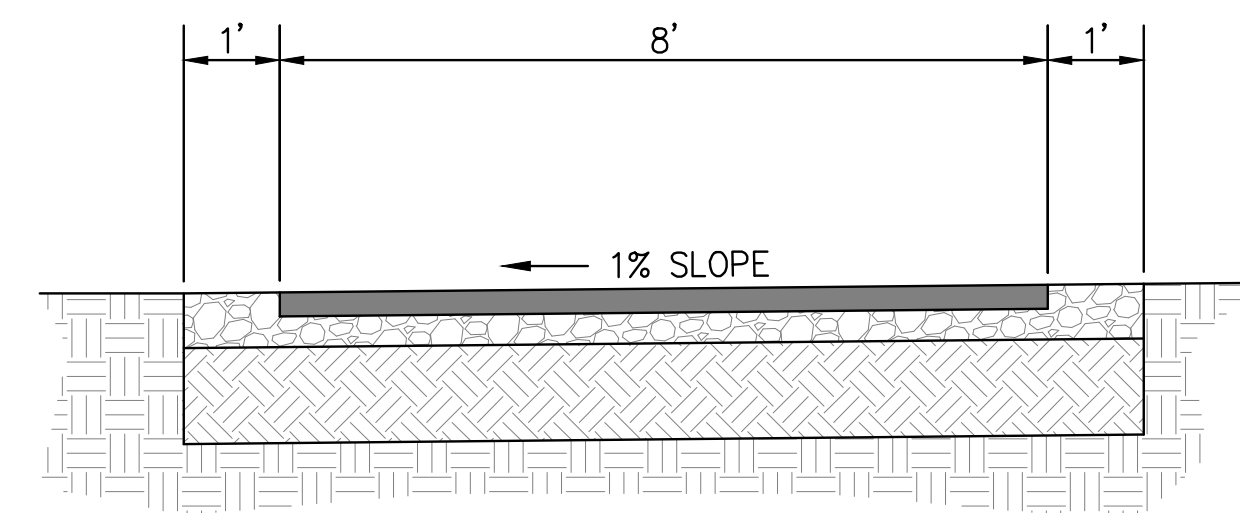
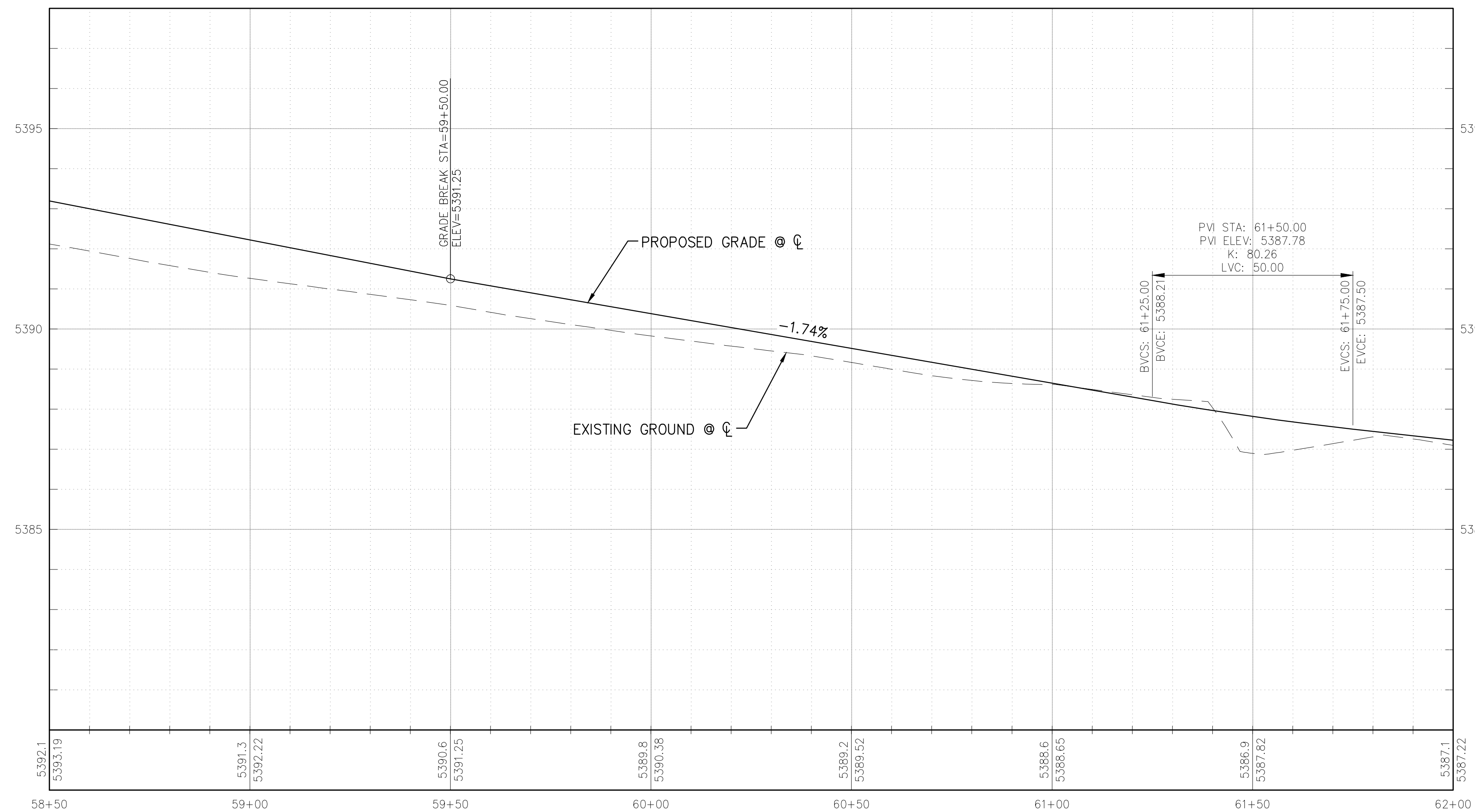
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3. INSTALL DUMOR BENCH, MODEL NUMBER 59-60 OR APPROVED EQUAL, PER S-1 EMBEDMENT.
4. PLACE 4" THICK CRUSHER FINE 5' AROUND THE BENCH. THE SURFACE OF CRUSHER FINE TO BE FLUSH WITH MAINTENANCE ROAD AND ADJACENT GROUND.



TYPICAL SECTION

**STALLION CHANNEL ACCESS
SEGMENTS**

**SOUTH SEGMENT
58+50.00 TO 62+00.00**

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**REVISIONS &
CHANGE NOTICES**

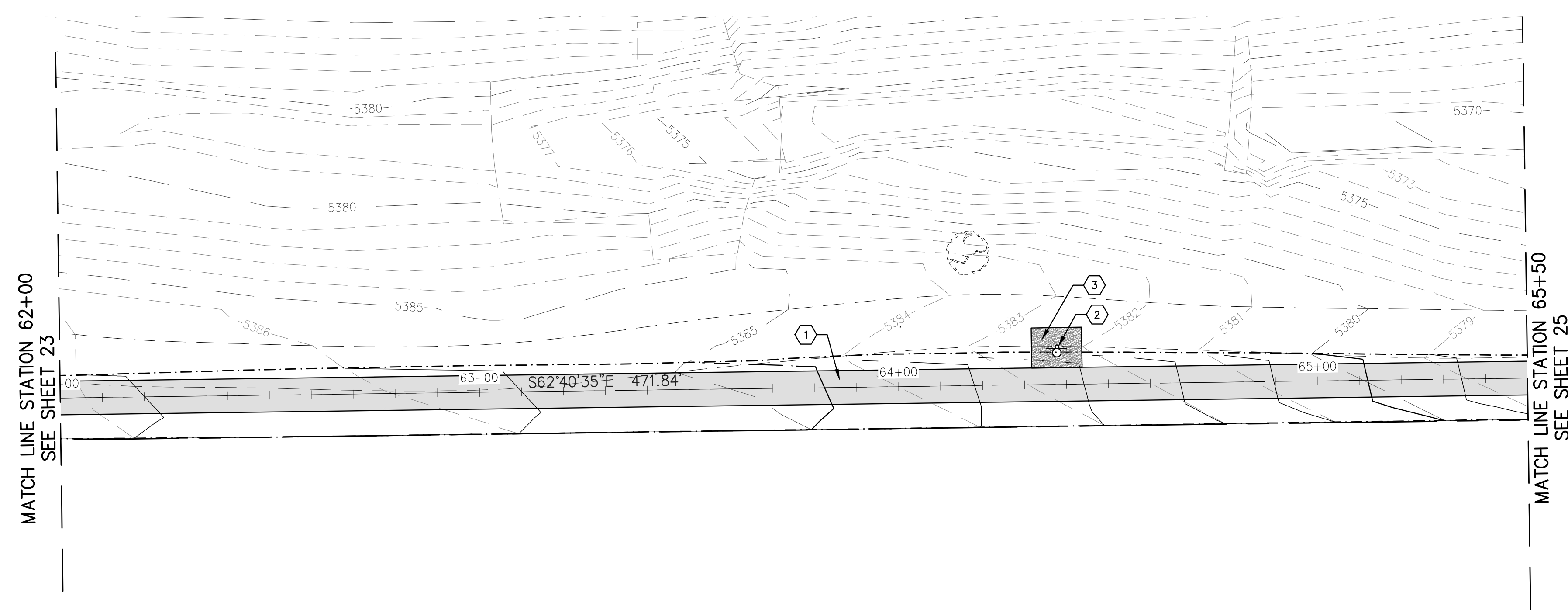
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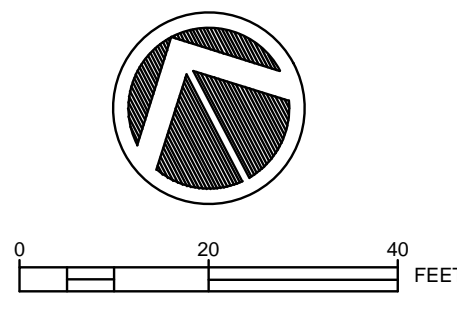
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SHEET 23 OF 28

Wednesday, May 31, 2023, 12:26:07 PM - KOURNER
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- LEGEND**
- ASPHALT CONCRETE
 - CONCRETE
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 - NEW SIGN
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 - PET WASTE STATION
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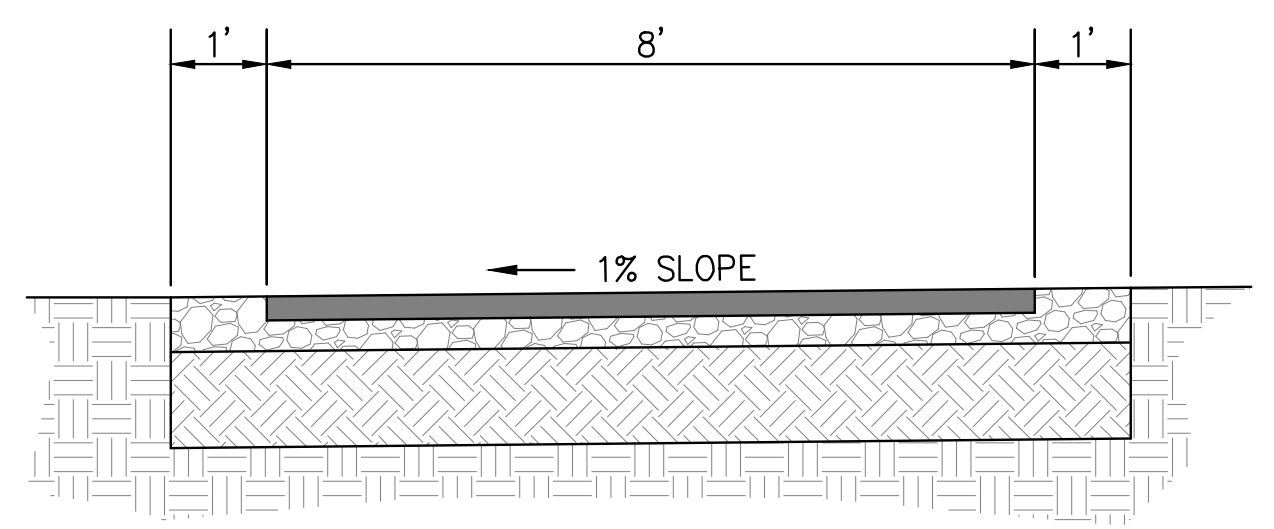
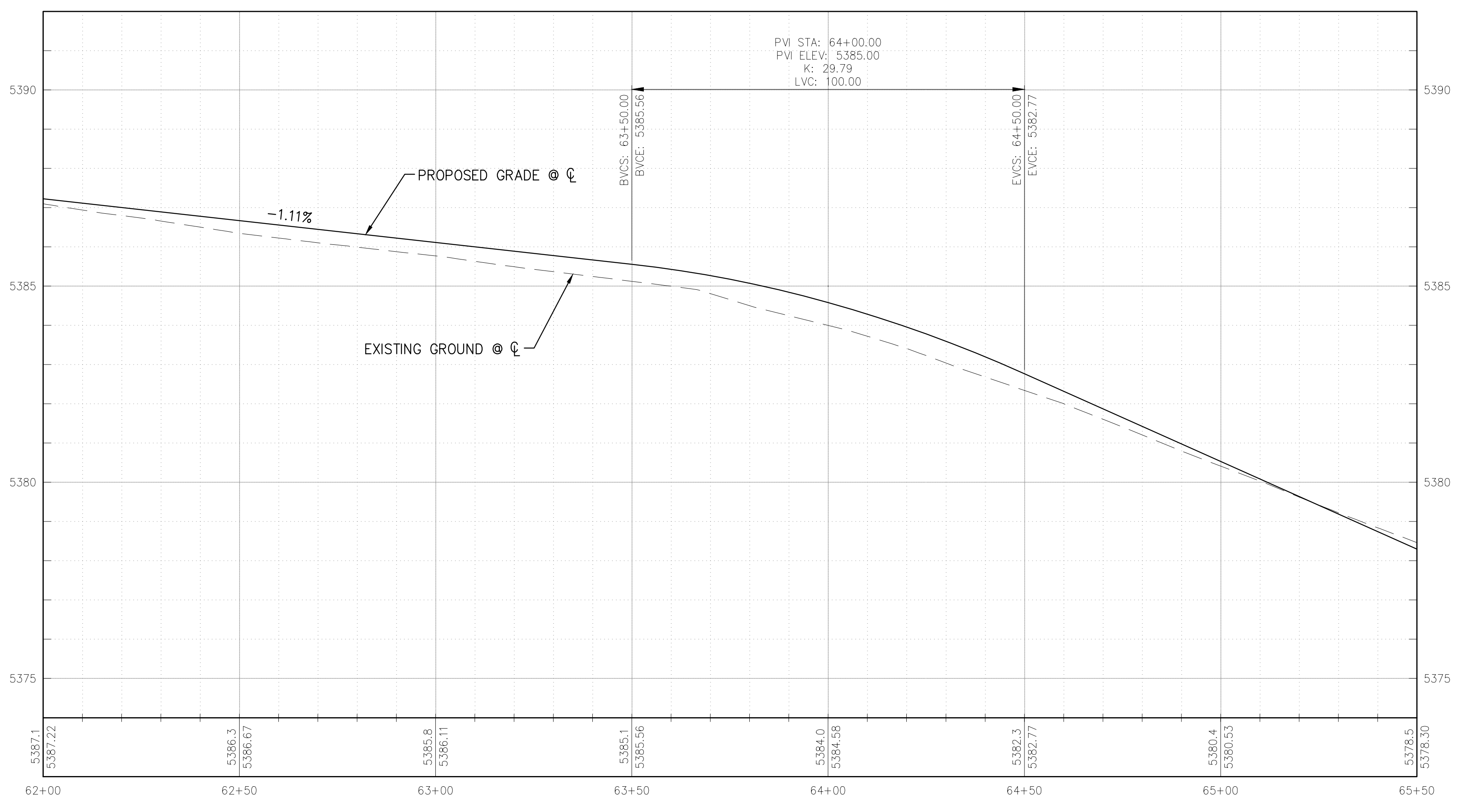




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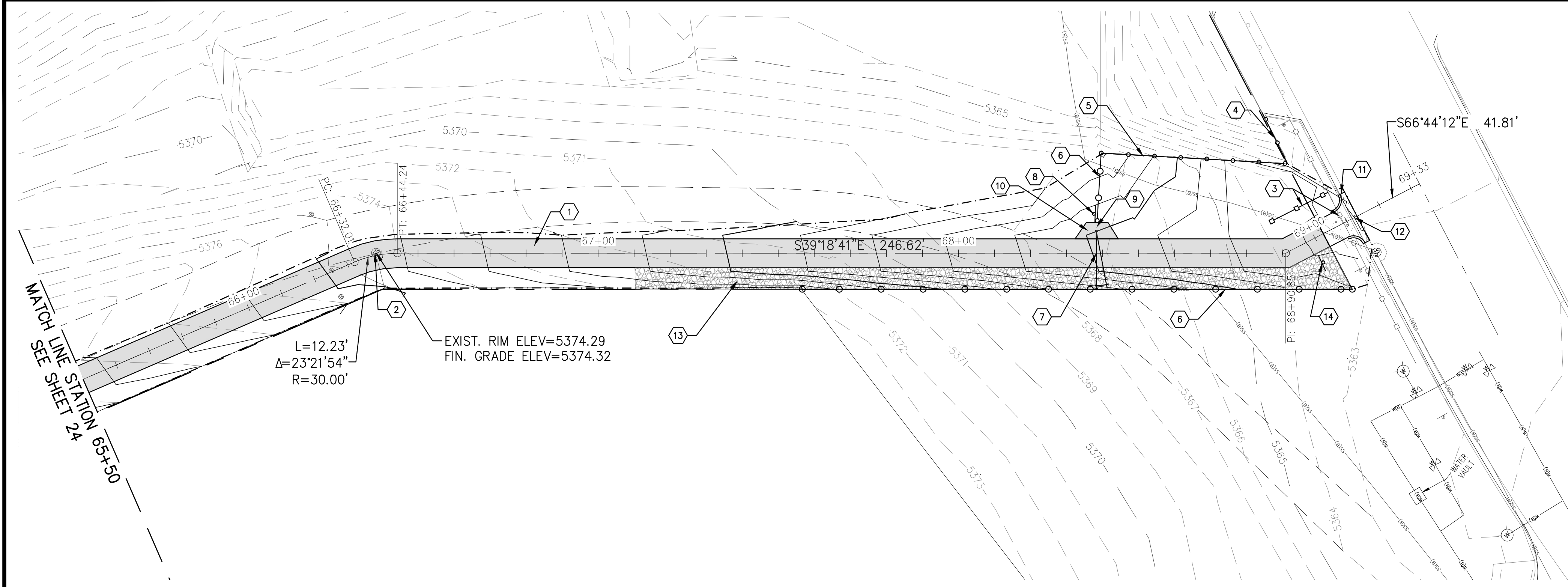
- KEYED NOTES:**
1. BUILD 8' WIDE ASPHALT CONCRETE ROAD PER CORR STANDARD DETAIL PS-01 OPTION 1 AND TYPICAL SECTION SHOWN BELOW.
 2. INSTALL PET WASTE STATION. THE PET WASTE STATION MUST INCLUDE A 8' STEEL SIGN POST, A 12"x18" ALUMINUM SIGN, AND A 10-GALLON WASTE RECEPTACLE WITH ATTACHED LID, AND TO BE APPROVED BY ENGINEER.
 3. PLACE 4" THICK CRUSHER FINE 5' AROUND THE PET WASTE STATION. THE SURFACE OF CRUSHER FINE TO BE FLUSH WITH MAINTENANCE ROAD AND ADJACENT GROUND.



STALLION CHANNEL ACCESS SEGMENTS	SOUTH SEGMENT 62+00.00 TO 65+50.00	THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.
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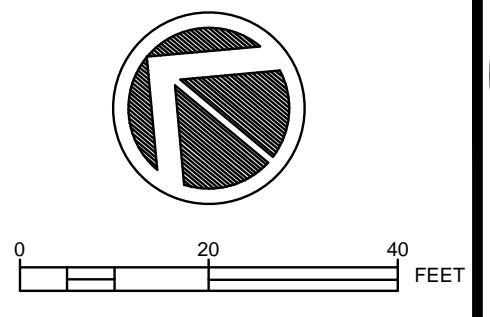
REVISIONS & CHANGE NOTICES		
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LEGEND

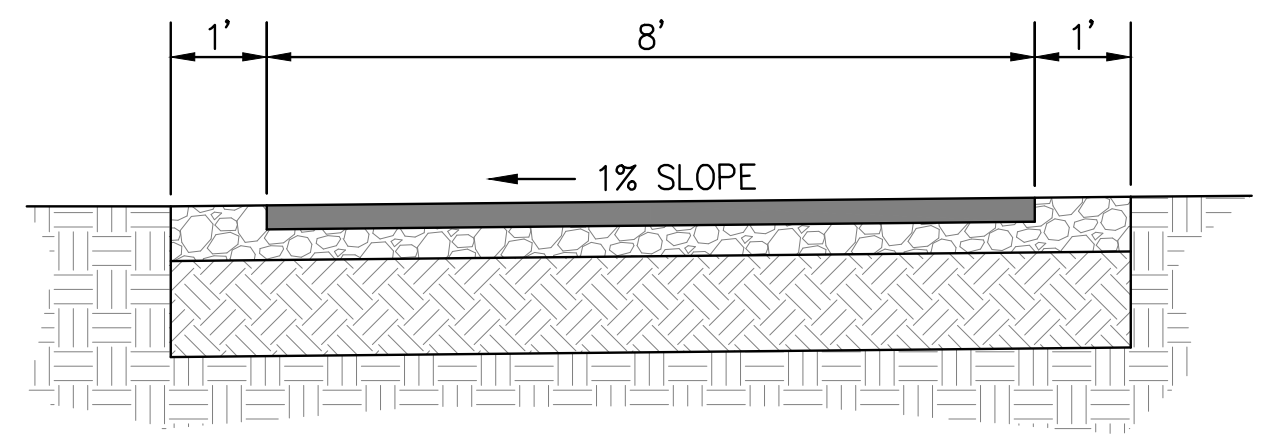
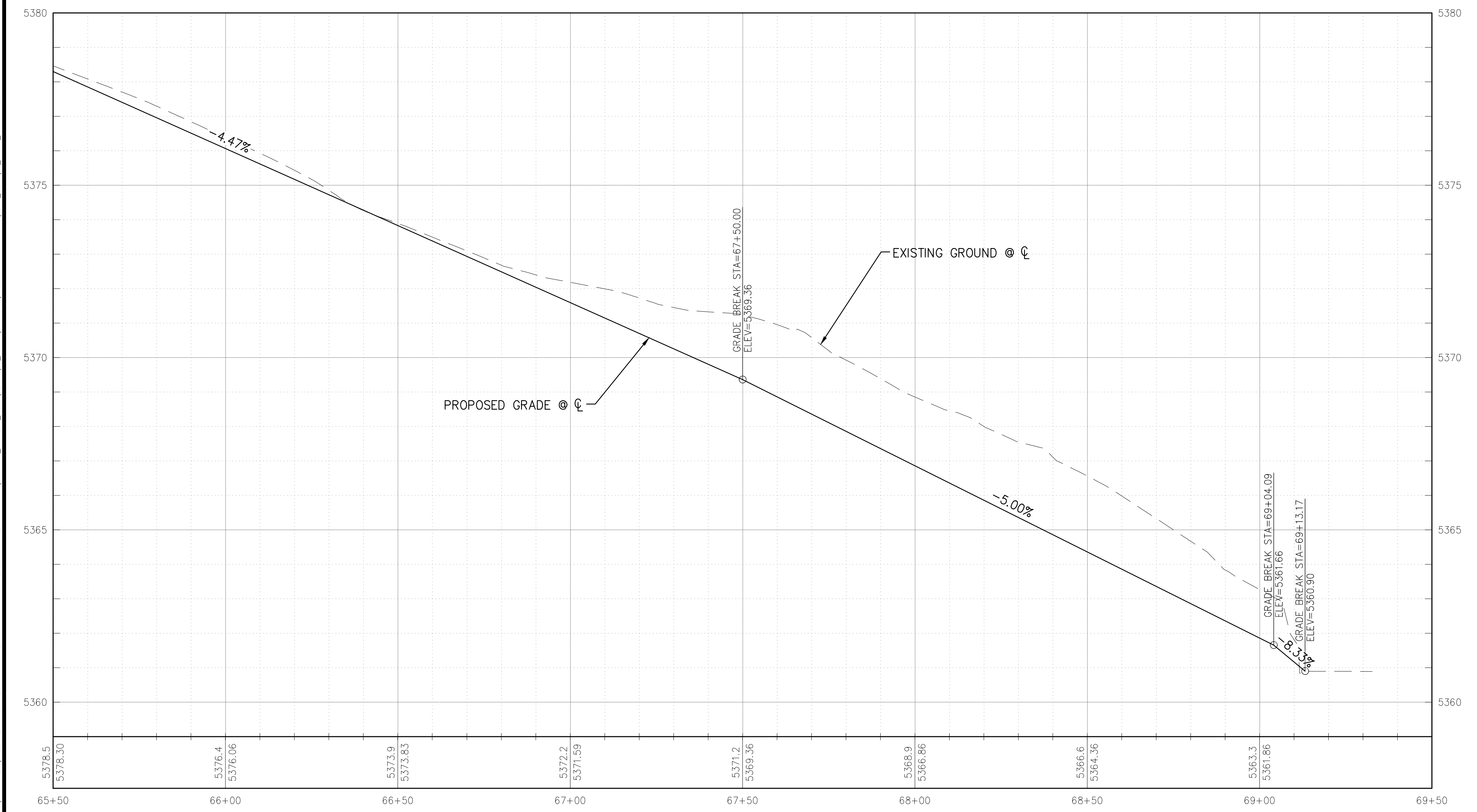
- ASPHALT CONCRETE
- CONCRETE
- CRUSHER FINE
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KEYED NOTES:

1. BUILD 8' WIDE ASPHALT CONCRETE ROAD PER CORR STANDARD DETAIL PS-01 OPTION 1 AND TYPICAL SECTION SHOWN BELOW.
2. ADJUST EXISTING MANHOLE COVER AND FRAME TO PROPOSED GRADE (2" OR LESS) PER CORR STANDARD DETAIL S-02 & S-03.
3. REMOVE APPROXIMATELY 10' OF EXISTING POST AND CABLE ALONG NICKLAUS DR. FOR NEW DRIVE PAD AND REINSTALL AS SHOWN. POST AND CABLE SOUTH OF DRIVE PAD TO REMAIN IN PLACE. INCIDENTAL TO DRIVE PAD LINE ITEM.
4. ANCHOR APPROXIMATELY 18' OF PIPE RAIL TO EXISTING CONCRETE HEADWALL PER AMAFCA PIPE RAIL DETAIL AMAFCA-201 ON SHEET 28.
5. INSTALL APPROXIMATELY 52' OF PIPE RAIL WITH POST PER AMAFCA PIPE RAIL DETAIL AMAFCA-201 ON SHEET 28.
6. INSTALL APPROXIMATELY 171' 5-STRAND FENCING PER SSCAFCA STANDARD DRAWING M100.
7. INSTALL MAINTENANCE ACCESS GATE PER SSCAFCA STANDARD DRAWING M101.
8. INSTALL AUTHORIZED VEHICLES ONLY SIGN PER MUTCD R5-11 (18"x24"). SIGN POST AND BASE ARE INCIDENTAL TO SIGN LINE ITEM.
9. ALLOW MINIMUM 3' WIDE OPENING.
10. EXTEND ASPHALT 3' AROUND THE GATE.
11. SAW CUT EXISTING CURB TO MATCH NEW DRIVE PAD.
12. INSTALL DRIVE PAD PER CORR STANDARD DETAIL ADA-010 TYPE 2 DRIVEWAY APRON. CURB RETURNS ARE INCIDENTAL TO DRIVE PAD LINE ITEM.
13. PLACE 2"-4" CRUSHED ROCK, 4" THICKNESS, NO GEOTEXTILE, FLUSH TO ADJACENT GRADE.
14. INSTALL NO PEDESTRIAN CROSSING SIGN PER MUTCD R9-3A (18"x18"). SIGN POST AND BASE ARE INCIDENTAL TO SIGN LINE ITEM.



TYPICAL SECTION

**STALLION CHANNEL ACCESS
SEGMENTS**

**SOUTH SEGMENT
65+50.00 TO 69+32.67**

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REVISIONS & CHANGE NOTICES		
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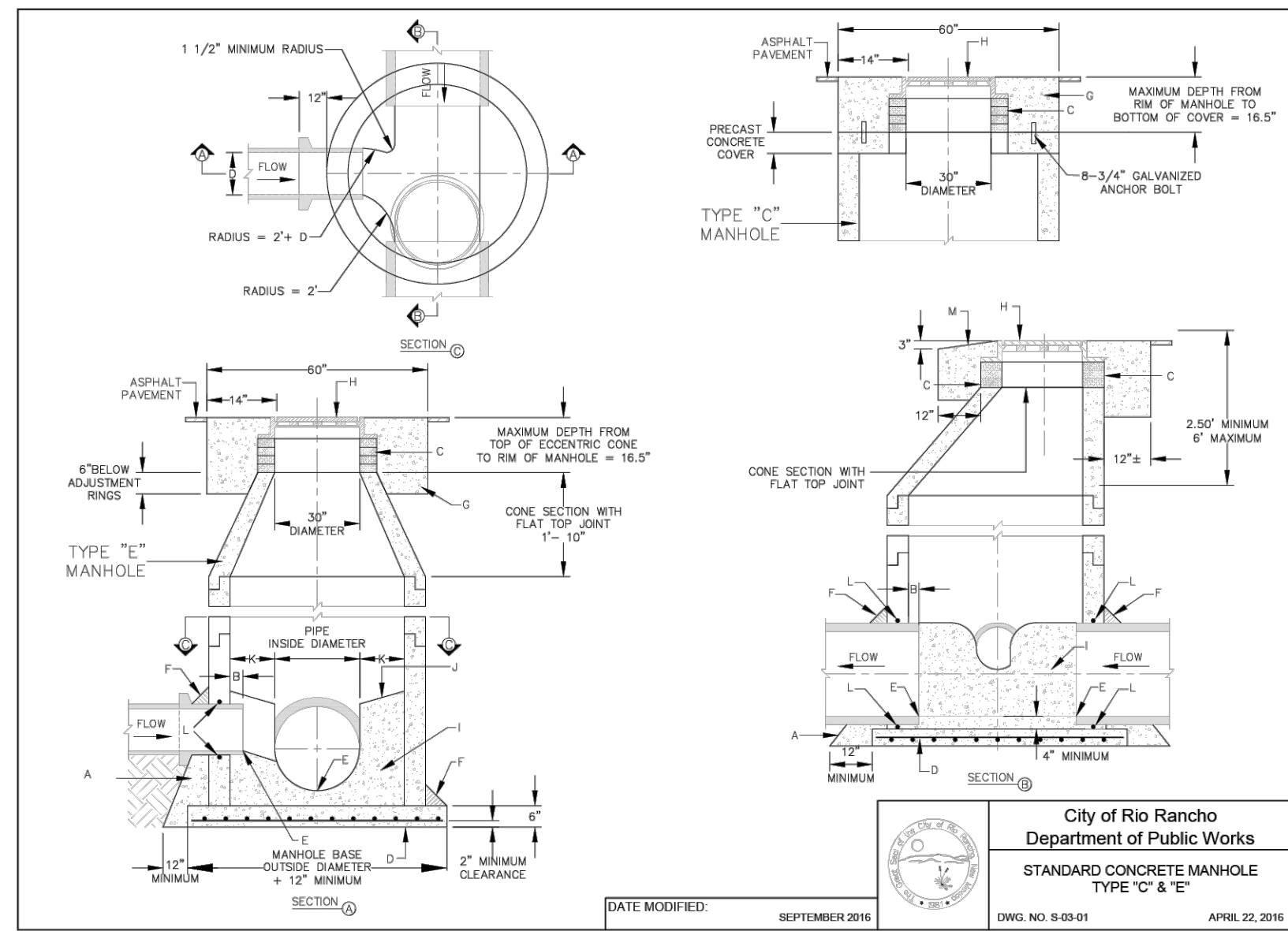
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DESIGNED BY: JN
DRAWN BY: KLF
CHECKED BY: AES
DATE: 6/5/2023

Monday, June 5, 2023, 3:01:48 PM - KFDJWBNER
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CONSTRUCTION NOTES:

- CONCRETE PIPE SUPPORTS SHALL EXTEND OUTSIDE OF MANHOLE TO THE BELL OF FIRST JOINT AND SHALL CRADLE PIPE TO SPRINGLINE.
- PIPE PENETRATION INTO MANHOLE SHALL BE FLUSH TO 2" MAXIMUM, MEASURED AT SPRINGLINE OF PIPE.
- ADJUSTMENT RINGS MAY BE USED TO PROVIDE A MAXIMUM 12" ADJUSTMENT.
- BASE TO BE POURED IN PLACE USING NUMBER 4 BARS AT 6" ON CENTER EACH WAY FOR MANHOLE DEPTH OF 18" OR GREATER. NUMBER 4 BARS AT 12" ON CENTER EACH WAY FOR MANHOLE LESS THAN 18" DEEP.
- INVERT ELEVATION OF STUB OR LATERAL AS SHOWN ON PLANS.
- 6" GROUT FILLET ON UPPER HALF OF PIPE AND AROUND BASE.
- USE 18" ROUND COLLAR CONCRETE PAD IN ALL AREAS.
- MANHOLE FRAME AND COVER, SEE DWG. S-02.
- SLOPE 1" PER FOOT FROM PIPE CROWN.
- SHelf SHALL HAVE MINIMUM WIDTH OF 9".
- ALL WATERSTOP MATERIALS SHALL BE SUITABLE FOR THE TYPE OF PIPE USED.
- IN UNPAVED AREAS, SET FRAME TO GRADE AND SLOPE TOP OF PAD.

GENERAL NOTES:

- INSTALL NEOPRENE O-RING ON POLYVINYL CHLORIDE PIPE AND FILL ANNUAL SPACE WITH MORTAR TO PROVIDE A WATERPROOF SEAL.
- FOR PRESSURE TYPE MANHOLE COVER USE SAME AS SHOWN WITH EIGHT (8) 1/2" x 2" 316 STAINLESS STEEL HEXAGONAL HEAD BOLTS WITH A NEOPRENE GASKET. BOLT HOLES SHALL BE PREDRILLED IN COVER AND TAPPED IN FRAME. SEE DWG. S-02.
- SANITARY SEWER SERVICES SHALL NOT BE ALLOWED IN MANHOLES.
- IF THE SEWER MAIN AT A MANHOLE IS TO BE CONTINUED TO A FUTURE STREET, A 20" STUBOUT TO BE INSTALLED WITH CAP AND WITH 1% MINIMUM SLOPE.
- IN UNPAVED AND UNPAVED ROADS, MANHOLE RIMS AND CONCRETE COLLARS ARE TO BE INSTALLED AT EXISTING ROAD GRADE.
- IN NATURAL AREAS, ELEVATIONS OF MANHOLE RIMS AND CONCRETE SHALL BE INSTALLED 6" ABOVE NATURAL GROUND.
- USE OF ADJUSTMENT RINGS ON MANHOLES IS LIMITED TO A MAXIMUM OF 12".
- USE NON-SHRINK MORTAR INSIDE AND OUTSIDE OF MANHOLE JOINTS. USE NON-SHRINK GROUT FOR JOINTS, FILLETS, AND PIPE PENETRATIONS.
- ALL MANHOLE BARREL JOINTS SHALL BE SEALED USING A PRODUCT SPECIFIED BY THE MANHOLE MANUFACTURER.
- TYPE "E" MANHOLES SHALL NOT BE USED FOR DEPTHS LESS THAN 6". FOR DEPTHS LESS THAN 6" USE TYPE "C" MANHOLES. MEASURED FROM INVERT TO RIM.
- MANHOLES GREATER THAN 18" IN DEPTH SHALL BE OF PRECAST CONCRETE SECTIONS ONLY.
- DESIGN APPLIES TO 4' AND 6' INSIDE DIAMETER MANHOLES.
- COMPACT ALL BACKFILL AROUND MANHOLES TO 95% AMERICAN SOCIETY FOR TESTING AND MATERIALS STANDARD D157.
- POSITION MANHOLES OPENING OVER THE UPSTREAM SIDE OF MAIN LINE.
- MANHOLES SHALL BE CAST-IN-PLACE OR PRECAST. BRICK MANHOLES ARE PROHIBITED.
- STAMP MANHOLE COLLAR TO INDICATE DIRECTION OF FLOW WHILE CONCRETE IS GREEN.
- STORM DRAIN MANHOLES SHALL HAVE STEPS.
- AN INTERIOR COATING WITH A CITY APPROVED EPOXY RESIN-TYPE MATERIAL SHALL BE APPLIED TO MANHOLES ON MAINS 12" DIAMETER AND LARGER, FORCE MAIN MANHOLES, AND DROP MANHOLES. THE APPLICATION OF COATING SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS.

City of Rio Rancho
Department of Public Works
STANDARD CONCRETE MANHOLE
TYPE "C" & "E"

DATE MODIFIED: SEPTEMBER 2016
DWG. NO. S-03-01
APRIL 22, 2016

KEYED NOTES:

- ASPHALT CONCRETE TYPE SP-IV, PLACED IN LIFTS AS SHOWN.
- ASPHALT CONCRETE TYPE SP-III, PLACED IN LIFTS AS SHOWN.
- SUBGRADE PREPARATION, 95% MIN. COMPACTION PER ASTM D 1557.
- COMPACTED FILL OR UNDISTURBED EARTH, 95% MIN. COMPACTION PER ASTM D 1557.
- TACK COAT, AS REQUIRED BY THE ENGINEER.
- PRIME COAT, AS REQUIRED BY THE ENGINEER OR BASE COURSE SHALL BE MOISTURE CONTROLLED AT COMPACTION MOISTURE RANGE.
- AGGREGATE BASE COURSE.
- ASPHALT MATERIAL AND PG BINDER 4 TO BE IN ACCORDANCE WITH TABLE 1A OR 1B. CONSTRUCTION PLANS WILL SPECIFY. ASPHALT LIFT THICKNESS SHALL COMPLY WITH THE STANDARDS SET HEREIN.

GENERAL NOTES:

- ANY DEVIATIONS FROM THESE STANDARDS SHALL BE SUBMITTED TO THE CITY FOR PRIOR APPROVAL.
- ALL WORK IN PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED BY A LICENSED CONTRACTOR AND REQUIRES PERMIT AND APPROVAL BY THE CITY.
- IN LIEU OF USING THE MINIMUM PAVEMENT DESIGN PROVIDED ON PG-01, A PROJECT/SITE SPECIFIC PAVEMENT DESIGN INCLUDING BASE COURSE, MAY BE SUBMITTED FOR APPROVAL BY THE CITY. DESIGN MUST CONFORM TO THE AASHTO GUIDE FOR DESIGN OF PAVEMENT STRUCTURES PROCEDURE, 1993 (OR CURRENT EDITION IF APPLICABLE), USING A MINIMUM OF 10 ESALS. NOMOGRAPHS SHALL NOT BE USED.
- AN ASPHALT CERT. LETTER SHALL BE PROVIDED TO THE CITY BEFORE ANY PAVING BEGINS. THIS CERT. MUST REFERENCE AN APPROVED/CURRENT MIX DESIGN FROM THE INDOT PULSE STATE CLEARLY THE SMC MIX DESIGN NUMBER IN ACCORDANCE WITH TABLE A-7 BELOW.
- THE ASPHALT BINDER SHALL BE PG 64-22 IN COMPLIANCE WITH APPROVED A OR OF THE 2008 INDOT PAVEMENT DESIGN DIRECTIVE. IT MAY BE ADJUSTED BASED ON TABLE 1A OR 1B AND THE 20-YEAR DESIGN ESALS IN ACCORDANCE WITH TABLE A-7 BELOW.

Table 1A: New Construction or Complete Reconstruction
20 Year Traffic ESALS

Material	< 30 Million	30-100 Million
HMA Layer	< 5.5" New HMA	5.5" New HMA
Surface Layer	SP-III or SP-IV	SP-III or SP-III
PG Binder	PG 64-22 Adjusted for ESALS and Traffic Speed	PG 64-22 Adjusted for ESALS and Traffic Speed
Bottom Layer	Same SP Material as Surface	Same SP Material as Surface

Table 1B: Rehabilitation or Overlay Construction
20 Year Traffic ESALS

Material	< 30 Million	30-100 Million
HMA Layer	< 5.5" New HMA	5.5" New HMA
Surface Layer	SP-III or SP-IV	SP-III or SP-III
PG Binder	PG 64-22 Adjusted for ESALS and Traffic Speed	PG 64-22 Adjusted for ESALS and Traffic Speed
Bottom Layer	Same SP Material as Surface	Same SP Material as Surface

Table A-7: PG Base Grade Modification
Adjustments to PG Base Grade Binder

Design ESALS (Millions)	Standard	Slow	Standard
< 0.3	1	1	1
0.3 to < 1	2	1	1
1 to < 10	2	1	1
> 10	2	1	1

1. Increase the high and temperature grade by the number of grades indicated from grade to equivalent to (1)
2. Average traffic speed is less than 35 mph.
3. The average traffic speed ranges from 35 mph to less than 45 mph.
4. The average traffic speed is 45 mph or greater.

City of Rio Rancho
Department of Public Works
PAVEMENT SECTIONS

DATE MODIFIED: NOV 08, 2017
DWG. NO. PS-01
MAY 22, 2008

GENERAL NOTES:

- ANY DEVIATIONS FROM THESE STANDARDS SHALL BE SUBMITTED TO THE CITY FOR PRIOR APPROVAL.
- ALL WORK IN PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED BY A LICENSED CONTRACTOR AND REQUIRES PERMIT AND APPROVAL BY THE CITY.

KEYED NOTES:

- STABILIZED W/ HAND ROLLER COMPACTED CRUSHER FINES, 4" DEPTH, WITH WEED BARRIER FABRIC. PLASTIC WEED BARRIER IS NOT ACCEPTABLE. MAX. CROSS / RUNNING SLOPE AT 3%.
- LANDSCAPING SHALL BE IN ACCORDANCE WITH THE CITY OF RIO RANCHO'S DEVELOPMENT PROCESS MANUAL, CHAPTER 11.3 SECTION B AND BE APPROVED BEFORE PLACEMENT BY THE CITY.
- FOR ROADS HAVING A CENTERLINE SLOPE OF 3% OR GREATER, THE BUFFER SHALL BE STAMPED CONCRETE OR AS APPROVED BY THE CITY.

BUFFER DETAIL

MEDIAN DETAIL

City of Rio Rancho
Department of Public Works
BUFFER, MEDIAN & RIGHT-OF-WAY SLOPES DETAIL

DATE MODIFIED: FEB 04, 2019
DWG. NO. BF-01
OCT 17, 2008

GENERAL NOTES:

- ANY DEVIATIONS FROM THESE STANDARDS SHALL BE SUBMITTED TO THE CITY FOR PRIOR APPROVAL.
- ALL WORK IN PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED BY A LICENSED CONTRACTOR AND REQUIRES PERMIT AND APPROVAL BY THE CITY.
- PINNED CURB SHALL BE IN ACCORDANCE TO SECTION 810 AND 809 OF THE INDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, CURRENT EDITION. A VALID INDOT MIX DESIGN CONFORMING TO THE REQUIREMENTS OF SECTION 509 OF THE INDOT SPECIFICATIONS SHALL BE SUBMITTED TO THE CITY AND APPROVED PRIOR TO PLACEMENT OF PINNED CURB. THE CITY MAY APPROVE A MIX DESIGN FOLLOWING INDOT SPECIFICATIONS.
- FOR CONCRETE CURBS CONSTRUCT TRANSVERSE JOINTS AS FOLLOWS:
-TOOLED CONSTRUCTION JOINTS AT 5' INTERVALS
-1/2" PRE-MOLDED BITUMINOUS EXPANSION JOINTS AT 30' INTERVALS.
- DRILL AND EPOXY NO. 4 DEFORMED BARS 18" DEEP IN HOLES DRILLED 2" ON CENTER IN EXISTING PAVEMENT, SEAL WITH EPOXY.
- DIMENSIONS AT ROUNDED CORNERS MEASURED TO INTERSECTION OF STRAIGHT LINES.
- PINNED CURB IS NOT FOR USE IN NEW DEVELOPMENT; USE MUST BE PREAPPROVED BY THE CITY.
- PAVEMENT MUST EXTEND A MINIMUM OF 6" BEHIND BACK OF PINNED CURB.
- 8" PINNED CURB IS NOT FOR USE IN NEW RESIDENTIAL DEVELOPMENT.

PINNED CURB-TYPE I

PINNED CURB-TYPE II
FOR COLLECTOR/ARTERIAL STREETS ONLY. SEE NOTE 9

City of Rio Rancho
Department of Public Works
PINNED CURB

DATE MODIFIED: AUG 15, 2016
DWG. NO. CB-02
SEP 29, 2005

STALLION CHANNEL ACCESS
SEGMENT

GENERAL DETAILS

**REVISIONS &
CHANGE NOTICES**

MARK	DESCRIPTION	DATE

PROJECT NO: BL_P0051
DESIGNED BY: JN
DRAWN BY: KLF
CHECKED BY: AES
DATE: 5/30/2023

Wednesday, May 31, 2023, 10:42:03 AM - Kathy Fountain
C:\Users\kfontain\OneDrive - Southern Sandoval County\Arroyo Flood Control Authority\SSCAFCA_Projects\Files\Black\IBL_P0051\AutoCAD\Production Drawings\Plan_Shts\IBL_P0051_S-001.dwg

CORR ADA-002

GENERAL NOTES:

1. MANDOT IS RECOGNIZED AS A TITLE II PUBLIC ENTITY UNDER THE AMERICANS WITH DISABILITIES ACT (ADA), OF 1990 (PUBLIC LAW 101-336), A TITLE II ENTITY IS DEFINED AS ANY STATE OR LOCAL GOVERNMENT ENTITY AND PROHIBITS DISCRIMINATION ON THE BASIS OF DISABILITY. THE ADA EXTENDS THE PRINCIPLES OF SECTION 504 OF THE REHABILITATION ACT OF 1973, AS AMENDED, TO PROTECT PERSONS WITH DISABILITIES IN ALL PUBLIC FACILITIES AND PROGRAMS RESPECTIVE OF THE FUNDING SOURCE.
2. THESE DRAWINGS PROVIDE GUIDANCE FOR COMPLIANCE WITH THE PROPOSED ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT-OF-WAY (PROW) JULY 26, 2011, OR LATEST EDITION. THESE GUIDELINES SHALL APPLY TO ALL NEW AND ALTERED PEDESTRIAN ACCESS ROUTES (PAR).
3. REFER TO CONSTRUCTION PLANS FOR THE DETAILED LAYOUT AND DETAILS.
4. PEDESTRIAN ACCESS ROUTES (PAR) SHALL BE FIRM, STABLE, AND SLIP RESISTANT. PROVIDE SLIP RESISTANT TEXTURE ON SIDEWALKS AND CURB RAMP BY BROODING TRANSVERSE TO THE SLOPE OF THE RAMP AND OR PERPENDICULAR TO PEDESTRIAN TRAVEL. EXTEND TEXTURE THE FULL WIDTH AND LENGTH OF THE CURB RAMP INCLUDING SIDE FLARES. DO NOT SCORE OR MAKE GROOVES IN SLOPED SURFACE. LINES SHOWN ON STANDARD DETAILS ARE FOR ILLUSTRATION ONLY.
5. VERTICAL SURFACE DISCONTINUITIES SHALL BE 0.8 INCHES MAXIMUM VERTICAL DISCONTINUITIES BETWEEN 0.25 INCHES AND 0.5 INCHES SHALL BE PERMITTED WITH A SLOPE NOT STEEPER THAN 80 PERCENT. THE BEVEL SHALL BE APPLIED ACROSS THE ENTIRE VERTICAL SURFACE DISCONTINUITY.
6. HORIZONTAL OPENINGS IN GRADINGS AND JOINTS SHALL NOT PERMIT PASSAGE OF A SPHERE MORE THAN 0.5 INCHES IN DIAMETER. ELONGATED OPENINGS IN GRATES SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DIRECTION OF TRAVEL.
7. PROVIDE EXPANSION JOINT MATERIAL 0.5 INCHES THICK WHERE CURB RAMP ADJOINS ANY RIGID PAVEMENT, SIDEWALK OR STRUCTURE WITH THE TOP OF JOINT FILLER FLUSH WITH ADJACENT CONCRETE SURFACE.
8. SEAL ALL JOINTS WITH AN APPROVED SEALING MATERIAL.
9. INSTALL JOINTS WHERE CURB RAMP, TURNING SPACES, FLARES, AND SIDEWALKS ABUT. ALL JOINTS AND TRANSITIONS SHALL BE FLUSH.
10. VERTICAL WALLS OF HEADER CURBS ARE PERMITTED WHEN ADJACENT TO NON-WALK AREAS OR ELEVATION DIFFERENCES CANNOT BE ACCOMMODATED BY CURB RAMP FLARES OR GRADINGS. GRADE NON-WALK AREAS AT 3:1 OR FLATTER.
11. CONSTRUCTION TOP/SIDE OF CURB TO BE FLUSH WITH ADJACENT SURFACES (CURB RAMP, SIDEWALK, AND FLARE). VERTICAL LIPS NOT PERMITTED AT THE BOTTOM OF CURB RAMP WHERE THE RAMP MEETS STREET LEVEL.

SIDEWALKS

12. SIDEWALK AND CURB AND GUTTER CONSTRUCTION SHALL BE IN ACCORDANCE WITH SERIAL 608-01-11.
13. SIDEWALK CROSS SLOPE IS RECOMMENDED TO BE CONSTRUCTED FOR CROSS SLOPE OF 1.5% TYPICAL, BUT SHALL NOT EXCEED 2.0% CROSS SLOPE ON THE PEDESTRIAN ACCESS ROUTE (PAR).
14. SIDEWALK SHALL HAVE A MINIMUM WIDTH OF 5.0 FT, EXCLUSIVE OF THE WIDTH OF THE CURB RETURN.
15. ANY SIGNS, POSTS, UTILITY POLES, FIRE HYDRANTS, TRAFFIC SIGNALS, STREET FURNITURE, AND OTHER OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH TO LESS THAN 4.0 FT.
16. THE CLEAR WIDTH OF PEDESTRIAN ACCESS ROUTES (PAR) WITHIN MEDIANS AND PEDESTRIAN REFUGE ISLANDS SHALL BE 5.0 FT MINIMUM.

CURB RAMPS

17. FOR NEW CONSTRUCTION AND ALTERATIONS, CONSTRUCT CURB RAMP AND FLARE SLOPES WITH THE FLATTEST SLOPE FEASIBLE. THE MAXIMUM SLOPE ALLOWABLE IS INDICATED IN NOTE 1 OF THE CURB RAMP STANDARD DETAILS. SLOPES THAT EXCEED THOSE INDICATED IN THE CURB RAMP STANDARD DETAILS OR CONSTRUCTION PLANS WILL NOT BE ACCEPTED AND WILL BE REMOVED AND RECONSTRUCTED.
18. RUNNING SLOPE OF THE CURB RAMP SHALL BE 1.5% MAX (RECOMMENDED 1.0%) BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 16.0 FT TO AVOID CHANGING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADINGS. WHEN APPLYING THE 15 FOOT MAX LENGTH, THE RUNNING SLOPE OF THE CURB RAMP SHALL BE EXTENDED AS FLAT AS MAXIMUM EXTENT PRACTICABLE.
19. CONSTRUCT THE CLEAR WIDTH OF CURB RAMP RUNS (EXCLUDING ANY FLARED SIDES), BLENDED TRANSITIONS, AND TURNING SPACES AS TYPICAL 5.0 FT, 5.0 FT AND MINIMUM 4.0 FT x 4.0 FT CLEAR SPACE BEYOND THE CURB FLARE WITHIN THE WIDTH OF THE CROSSWALK AND WHOLLY OUTSIDE THE PARALLEL VEHICLE TRAVEL LANE.
20. CURB RAMP AND SIDE FLARE LENGTHS ARE VARIABLE AND BASED ON CURB HEIGHT AND THE SIDEWALK SLOPE.
21. THE CHANGE IN GRADE AT THE BOTTOM OF THE CURB RAMP AND ADJOINING ROAD SURFACE SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.15% THE COUNTER SLOPE OF THE GUTTER OR ROAD AT THE FOOT OF A CURB RAMP RUN, TURNING SPACE OR BLENDED TRANSITION IS NOT TO EXCEED 0.15%.
22. CONSTRUCT CURB RAMP FLARE FLUSH TO ADJACENT ROADWAY. GRADE EDGE OF ROAD ELEVATIONS AT THE FLOW LINE TO ENSURE POSITIVE DRAINAGE AND PREVENT FLOODING. TOP LEVEL TURNING SPACES BEHIND CURB ADJUST SLOPES TO PROVIDE POSITIVE DRAINAGE.
23. GRADE BREAKS AT THE TOP AND BOTTOM OF CURB RAMPS SHALL BE PERPENDICULAR TO THE DIRECTION OF THE CURB RAMP RUN. GRADE BREAKS SHALL NOT BE PERMITTED ON THE SURFACE OF CURB RAMP RUNS AND TURNING SPACES. SURFACE SLOPES THAT MEET AT GRADE BREAKS SHALL BE FLUSH.
24. ALL SLOPES ARE MEASURED WITH RESPECT TO A LEVEL PLANE. THEREFORE, THE LENGTH OF CURB RAMP IS NOT SOLELY DEPENDENT ON THE HEIGHT OF CURB. (FOR EXAMPLE, A 4" CURB DOES NOT NECESSARILY MEAN A RAMP LENGTH OF 8.0 FT FOR AN 8% SLOPE).

CROSSWALKS

25. PROVIDE A SEPARATE CURB RAMP FOR EACH MARKED OR UNMARKED CROSSWALK. CURB RAMP LOCATIONS SHALL BE PLACED WITHIN THE WIDTH OF THE MARKED OR UNMARKED CROSSWALK AS SHOWN IN THE CONSTRUCTION PLANS.

DETECTABLE WARNING

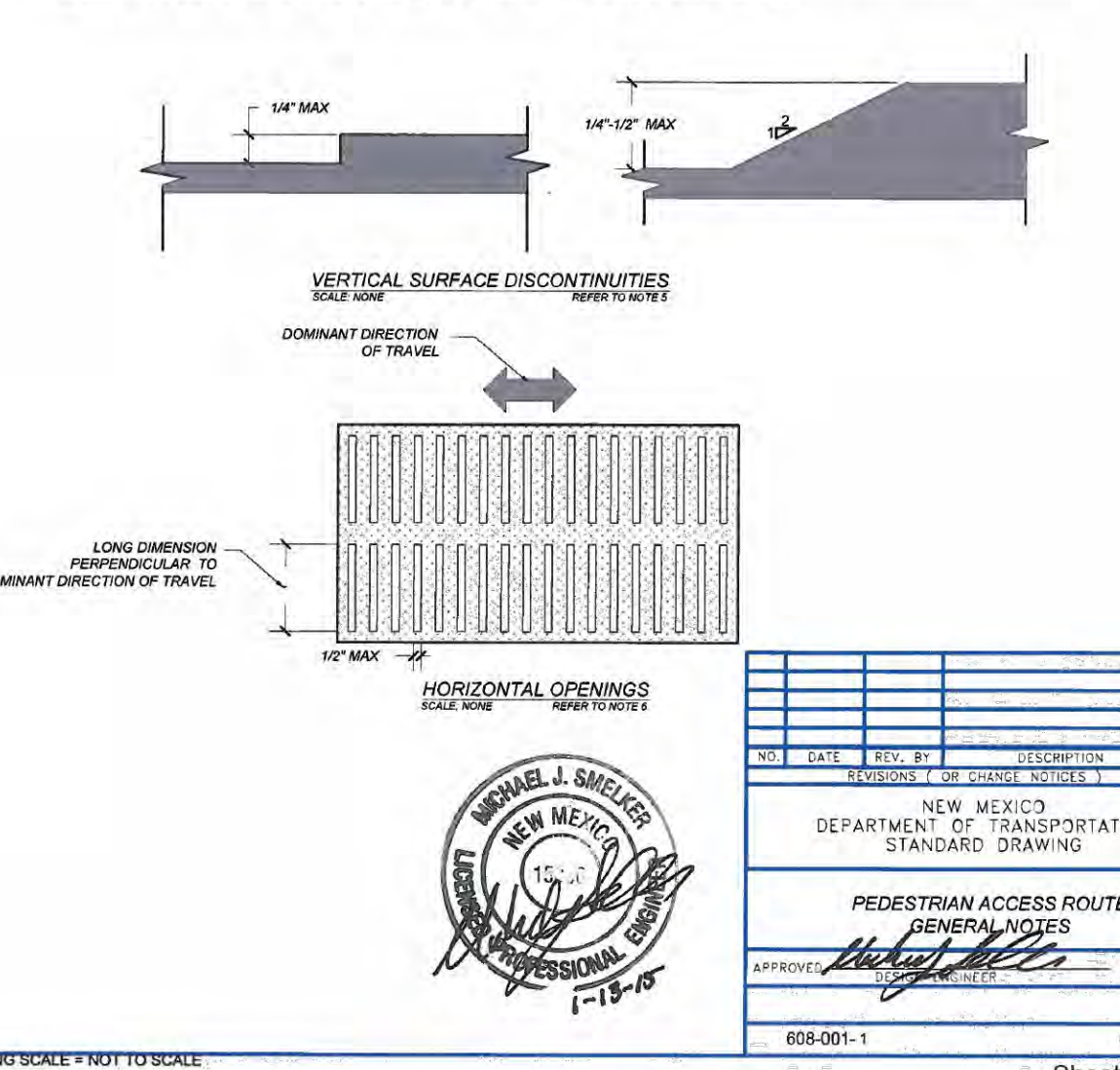
26. DETECTABLE WARNING SURFACES (DWS) CONSISTING OF TRUNCATED DOMES SHALL BE UTILIZED WHERE CURB RAMPS, BLENDED TRANSITIONS, OR TURNING SPACES PROVIDE A FLUSH TO THE STREET OR FROM THE PEDESTRIAN ACCESS ROUTE (PAR) CROSSING A STREET, ALLEY, TRAFFIC ISLAND, MEDIAN, OR RAILROAD. DETECTABLE WARNING SURFACES (DWS) WILL NOT BE INSTALLED AT RESIDENTIAL DRIVEWAYS. DETECTABLE WARNING SURFACES MUST BE PROVIDED AT THE JUNCTION BETWEEN THE PAR AND COMMERCIAL DRIVEWAYS THAT ARE STOP OR YIELD CONTROLLED OR ARE CONTROLLED BY A SIGNAL.
27. DETAILS OF DETECTABLE WARNING SURFACE ARE SHOWN IN CONSTRUCTION PLANS AND SHEET 608-01-012 OF THE STANDARD DRAWINGS.

ACCESSIBLE PEDESTRIAN SIGNALS (APS) AND PEDESTRIAN PUSHBUTTONS

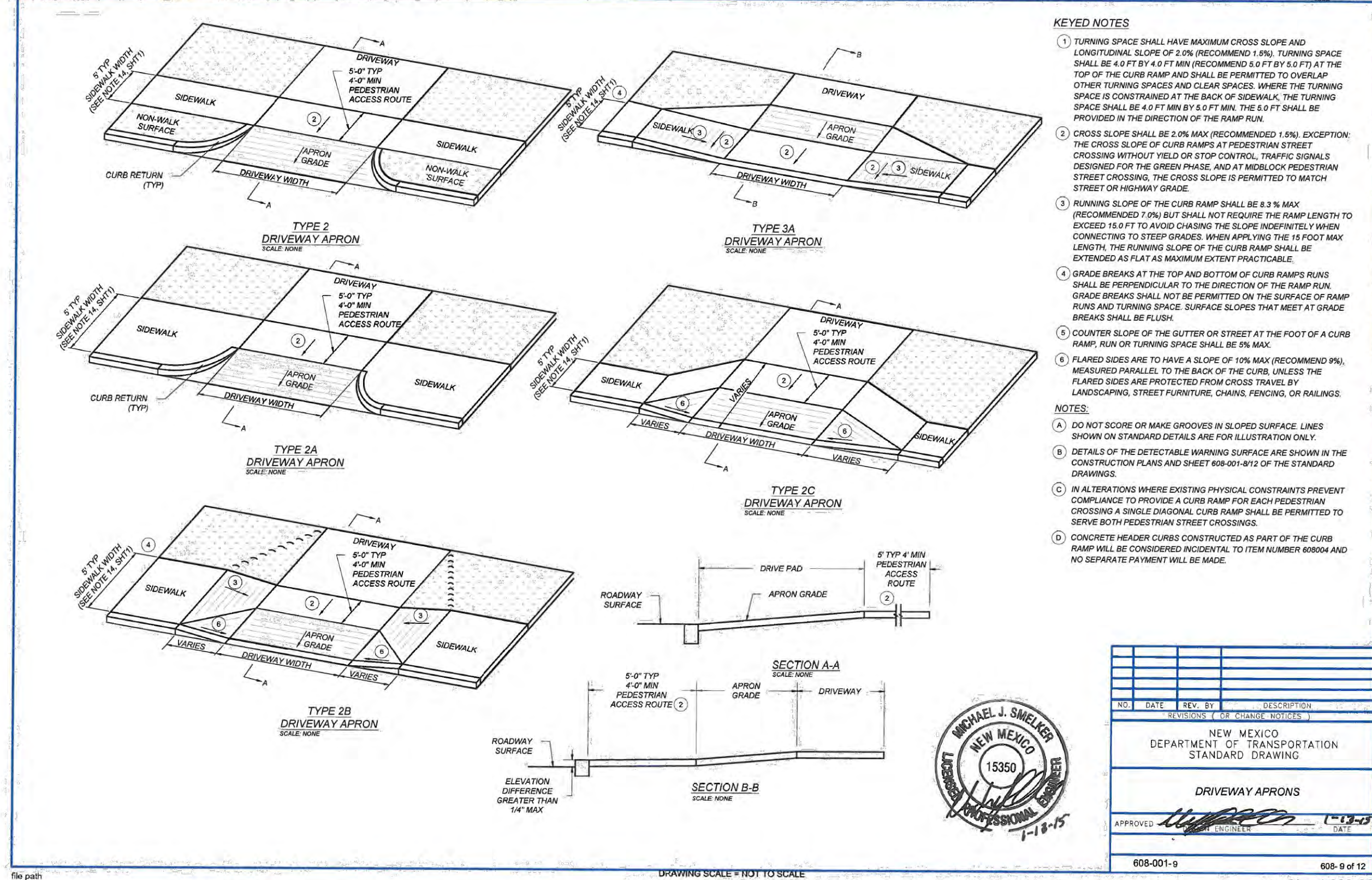
28. FOR ALTERATION PROJECTS, PROVIDE ACCESS TO EXISTING PEDESTRIAN PUSHBUTTONS TO THE MAXIMUM EXTENT PRACTICABLE. INSTALL PEDESTRIAN STUB POLES, WHERE APPLICABLE, SO AS NOT TO CREATE PEDESTRIAN OBSTRUCTIONS. REFER TO THE MUTCD FOR FURTHER GUIDANCE.
29. PEDESTRIAN SIGNAL PUSHBUTTONS SHALL COMPLY WITH THE CURRENT MUTCD ON THE MATERIALS AND CONSTRUCTION OF PEDESTRIAN SIGNALS (MUTCD) AND LOCATED WITHIN A HORIZONTAL REACH OF 9' TO 14' AND SHALL BE WITHIN 36" TO 48" ABOVE THE SIDEWALK SURFACE.
30. PEDESTRIAN SIGNAL SHALL HAVE 4" DIA 4" MIN TURNING SPACE TO PROVIDE ACCESS TO PUSHBUTTONS.

ALTERATIONS TO EXISTING FACILITIES - GENERAL NOTES:

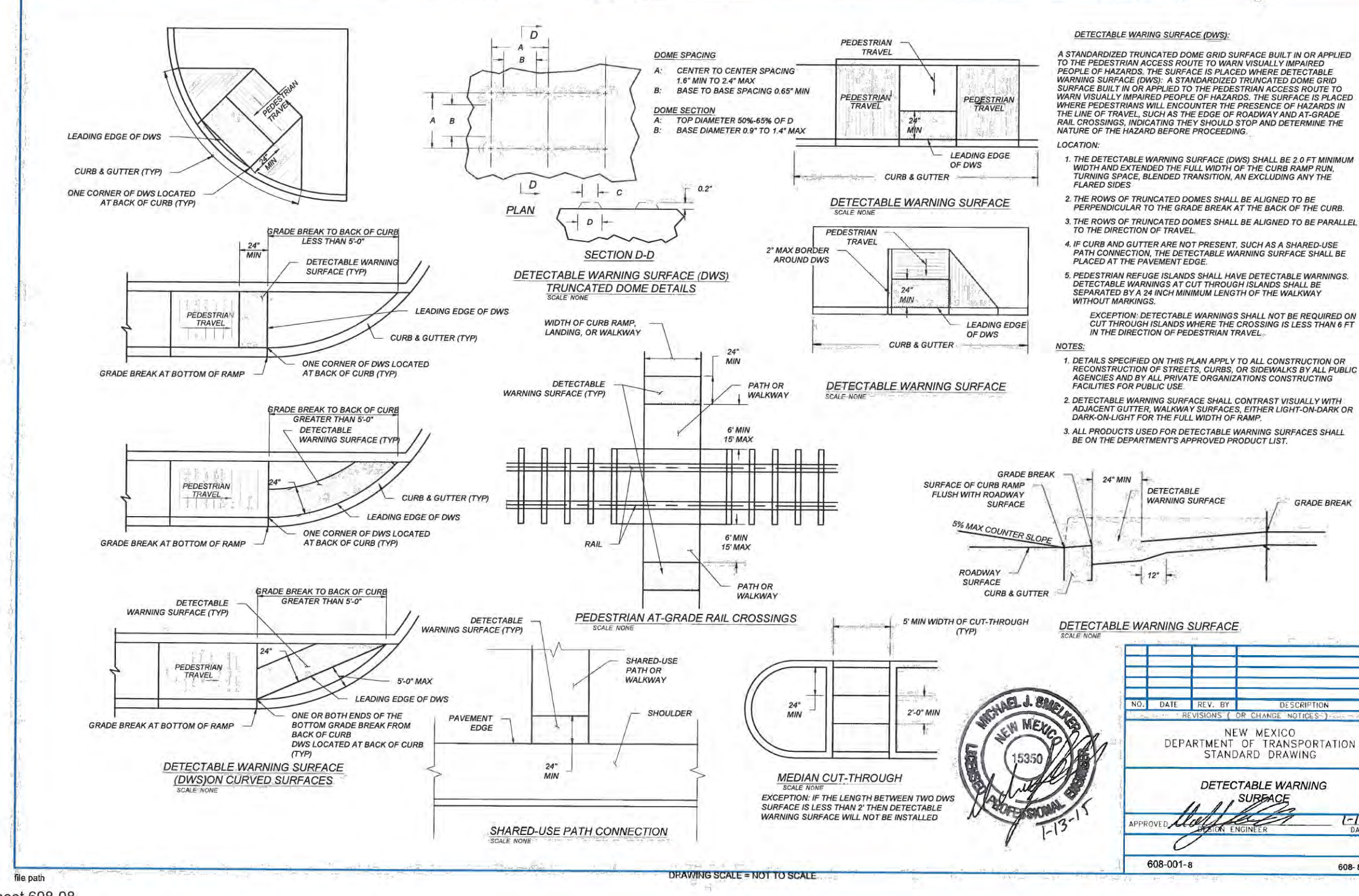
31. ADDITIONS OR ALTERATIONS TO ANY FACILITY SHALL CONFORM TO THE REQUIREMENTS OF THE NEW CONSTRUCTION STANDARDS WITHIN THE MANDOT PEDESTRIAN ACCESS STANDARDS AND PROW 2011 OR LATEST EDITION. ANY DESIGN/CONSTRUCTION DEVIATION THAT IS DEEMED AN VARIANCE OR TECHNICALLY INFEASIBLE BY THE DEFINITION BELOW SHALL REQUIRE SUBMITTAL AND APPROVAL OF AIA DESIGN VARIANCE PROCEDURES.
32. TECHNICAL INFEASIBILITY MEANS, WITH RESPECT TO AN ALTERATION OF A BUILDING OR FACILITY, THAT IT HAS LITTLE LIKELIHOOD OF BEING ACCOMPLISHED BECAUSE EXISTING STRUCTURAL CONDITIONS WOULD REQUIRE REMOVING OR ALTERING A LOAD-BEARING MEMBER WHICH IS AN ESSENTIAL PART OF THE STRUCTURAL FRAME, OR BECAUSE OTHER EXISTING PHYSICAL OR SITE CONSTRAINTS PROHIBIT.
33. IN ALTERATIONS WHERE EXISTING PHYSICAL CONSTRAINTS PREVENT COMPLIANCE TO PROVIDE A CURB RAMP FOR EACH PEDESTRIAN CROSSING A SINGLE DIAGONAL CURB RAMP SHALL BE PERMITTED TO SERVE BOTH PEDESTRIAN STREET CROSSINGS.



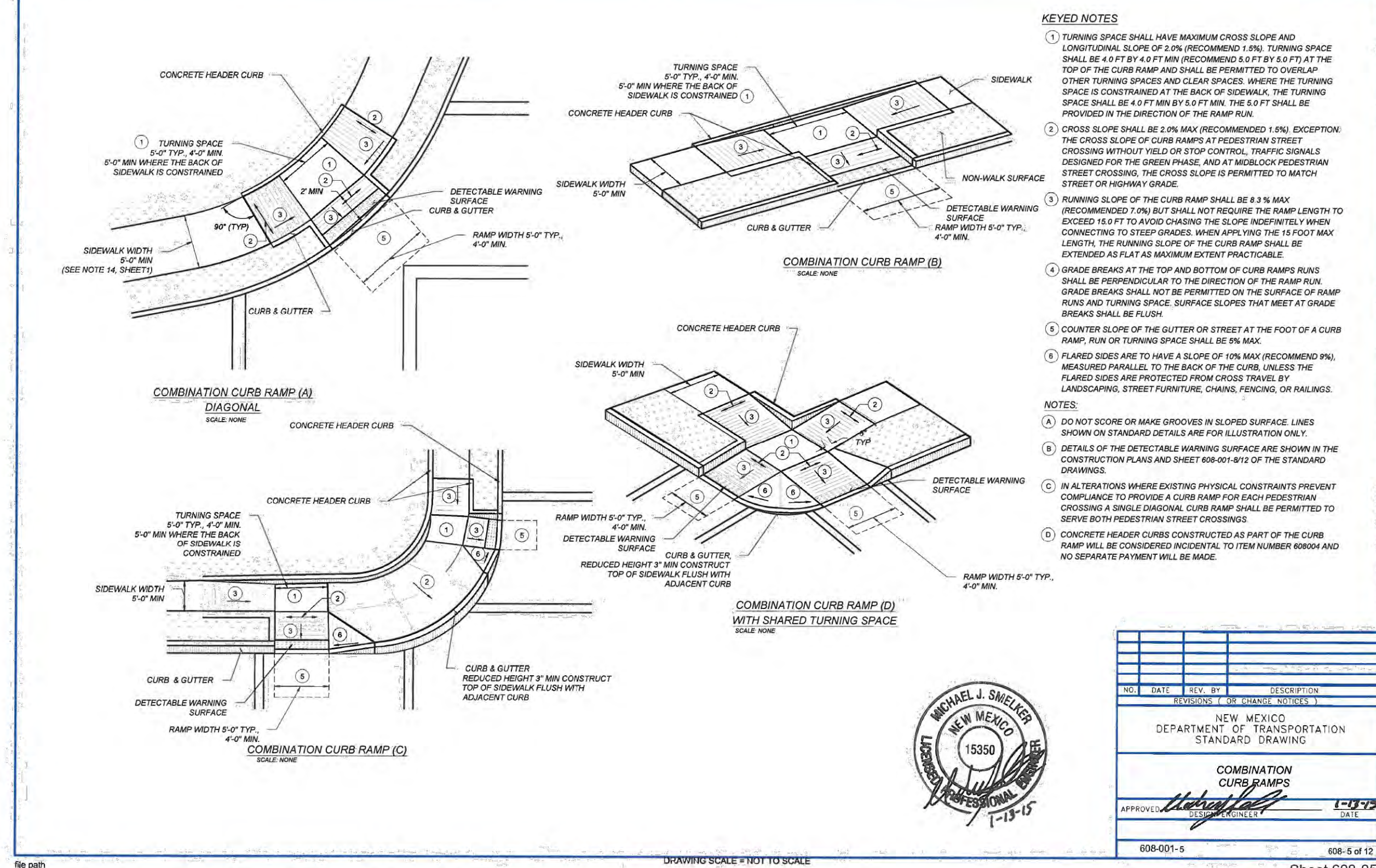
CORR ADA-010



CORR ADA-009



CORR ADA-006



Southern Sandoval County Arroyo Flood Control Authority
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 Rio Rancho, New Mexico 87124
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NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWING

DRIVEWAY APRONS

APPROVED: *Michael J. Smelker* DATE: 1-13-15

608-001-9 608-9 of 12 Sheet 608-09

STALLION CHANNEL ACCESS SEGMENT

GENERAL DETAILS

REVISIONS & CHANGE NOTICES

MARK	DESCRIPTION	DATE

PROJECT NO: BL_P0051
 DESIGNED BY: JN
 DRAWN BY: KLF
 CHECKED BY: AES
 DATE: 5/30/2023

Wednesday, May 31, 2023, 10:42:48 AM - Kathy Fournier
 C:\Users\Mountain\OneDrive - Southern Sandoval County Arroyo Flood Control Authority\SSCAFCA_Projects\Blas\IBL_P0051\Misc\CAD\Production Drawings\Plan_Shts\IBL_P0051_01-001.dwg

