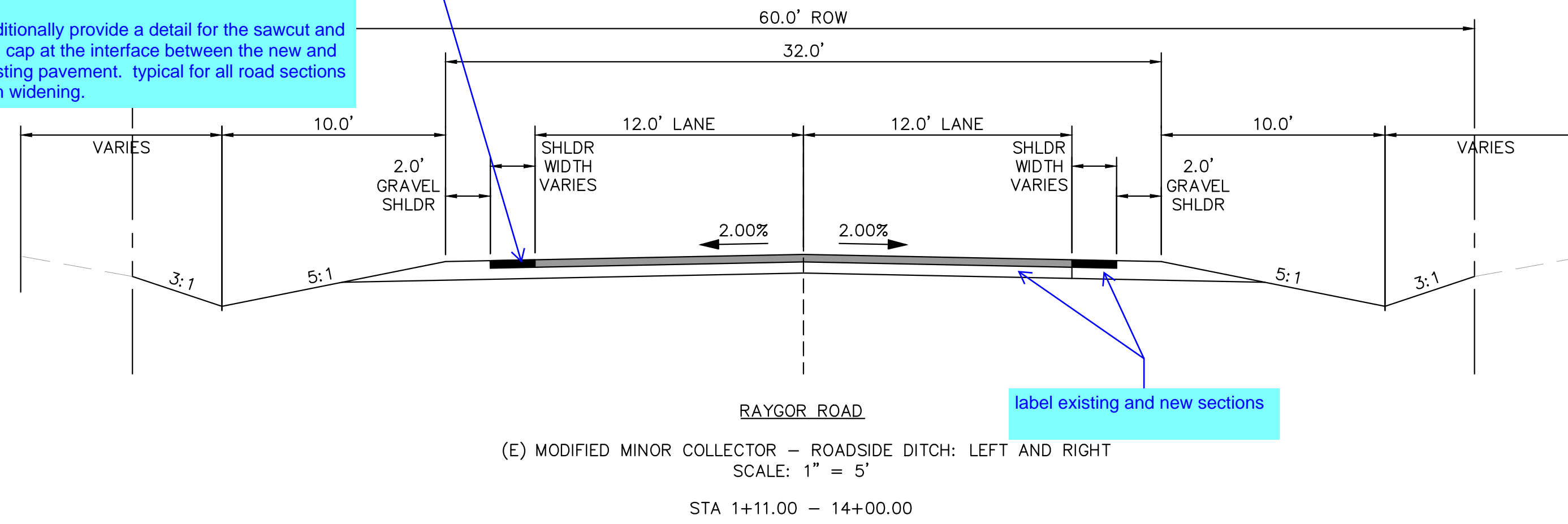




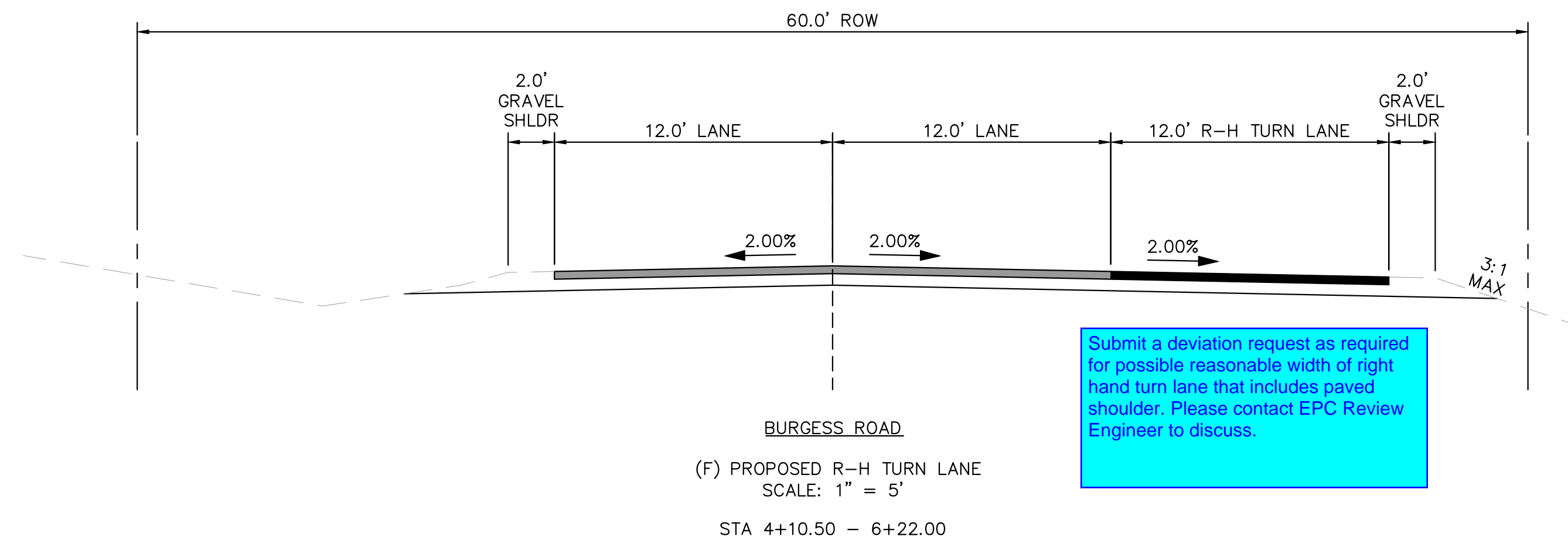
Provide additional detail. Existing condition of the road has pavement deterioration which would need to be removed and replaced in conjunction with the widening. Update plans to show the extent of removal. Possibly coordinate a site visit with the review engineer to verify areas that needs to be removed/replaced.

Additionally provide a detail for the sawcut and "T" cap at the interface between the new and existing pavement. typical for all road sections with widening.

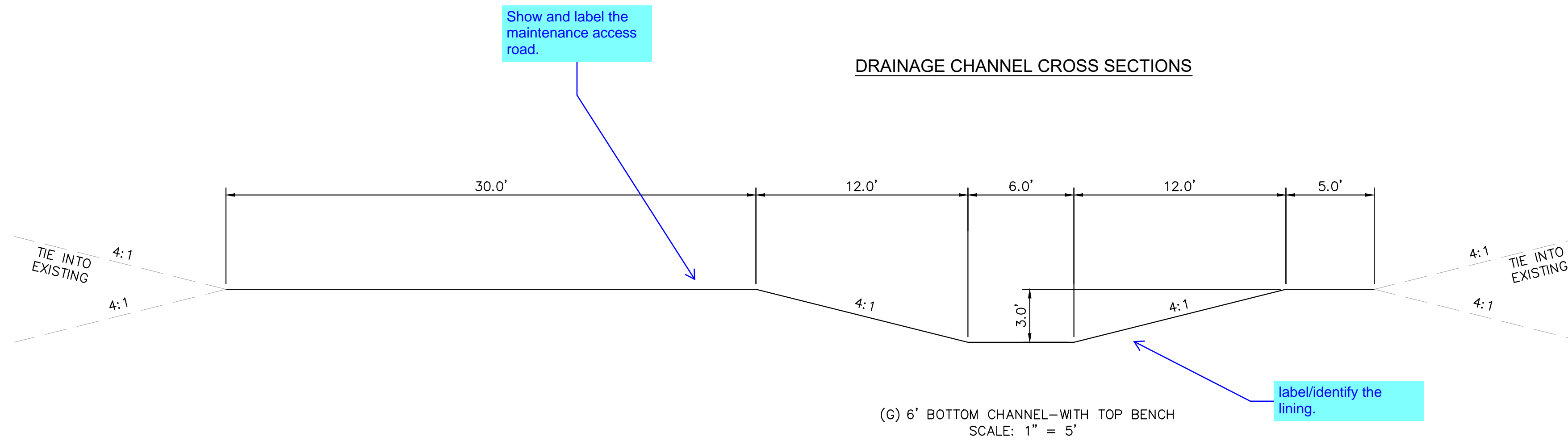
OFF-SITE ROADWAY TYPICAL SECTIONS



	BURGESS ROAD	RAYGOR ROAD
ROADWAY CLASSIFICATION	RURAL MINOR ARTERIAL	RURAL LOCAL (LOW VOLUME)
DESIGN SPEED	50 MPH	30 MPH
POSTED SPEED	45 MPH	30 MPH
℄ GRADE (MIN./MAX.)	1.0%/6.0%	1.0%/8.0%
INTERSECTION GRADES (MIN./MAX.)	1.0%/4.0%	1.0%/4.0%
MINIMUM S.S.D HORIZONTAL	570'	200'
MINIMUM S.S.D. VERTICAL (CREST CURVE)/DESIGN K	570'/151	200'/19
MINIMUM S.S.D. VERTICAL (SAG CURVE)/DESIGN K	570'/136	200'/37
REDIRECT TAPERS	45:1	15:1



DRAINAGE CHANNEL CROSS SECTIONS



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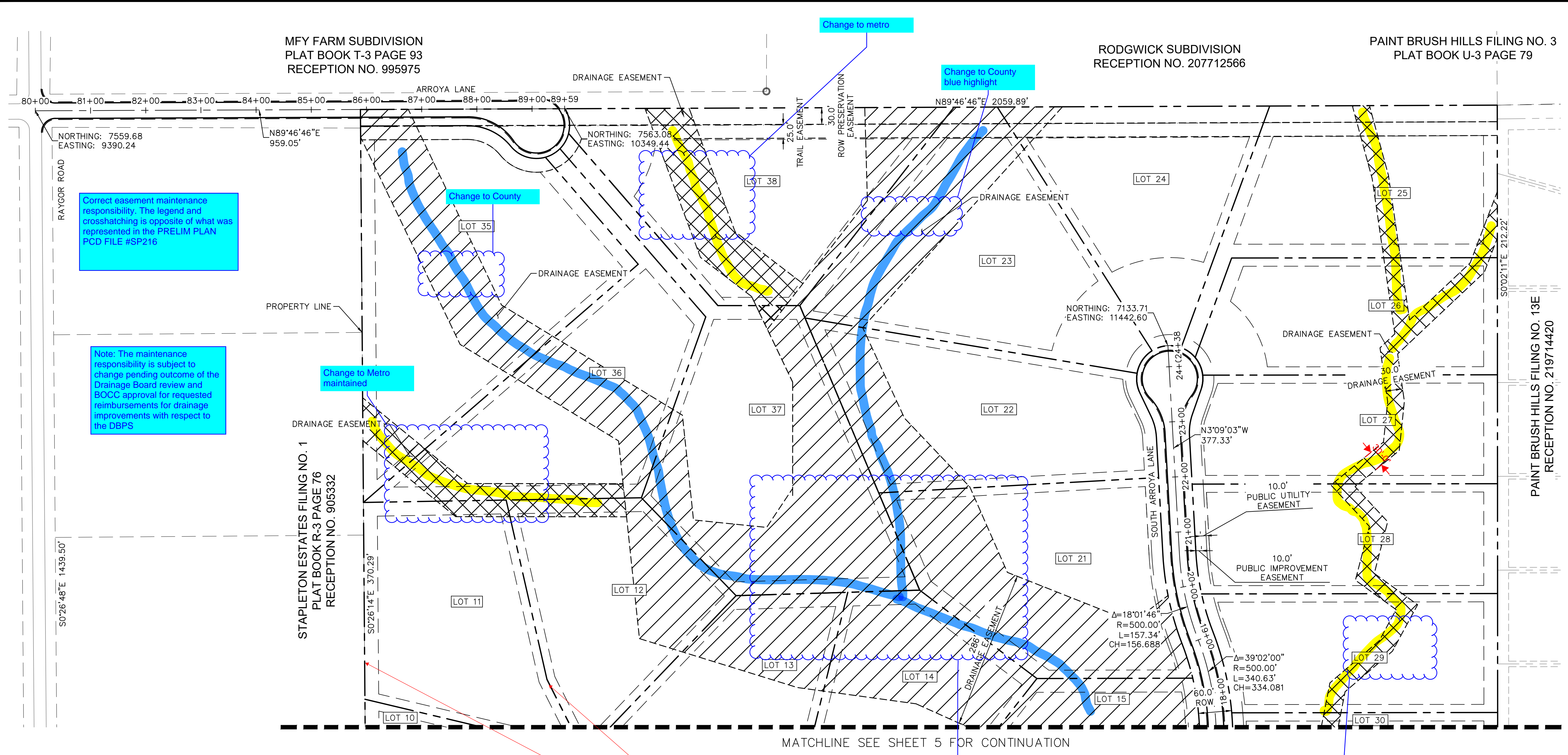
DESIGNED BY: MJK
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CHECKED BY: KRK
DATE: 12/23/2023

EAGLEVIEW
EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
TYPICAL SECTIONS

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Correct easement maintenance responsibility. The legend and crosshatching is opposite of what was represented in the PRELIM PLAN PCD FILE #SP216

Note: The maintenance responsibility is subject to change pending outcome of the Drainage Board review and BOCC approval for requested reimbursements for drainage improvements with respect to the DBPS

Change to Metro maintained

Change to County

Change to metro

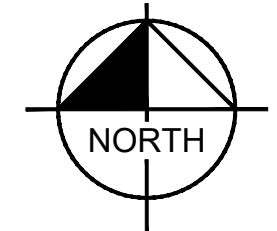
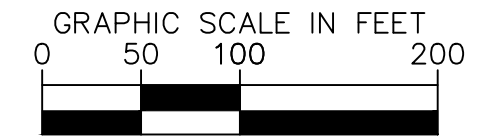
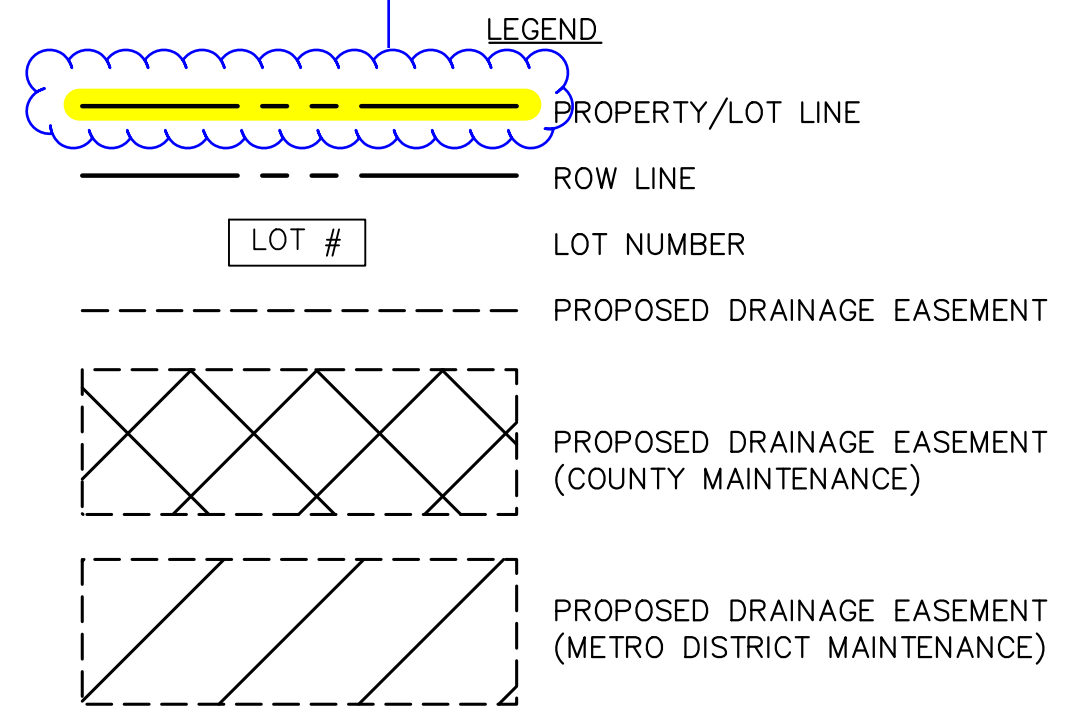
Change to County blue highlight

Review and correct all drainage easements for Metro Maintenance or County Maintenance.

property lines to be solid heavy black line. Correct drawings throughout and legend all sheets

Correct Pond maintenance. This reflects Metro, DBPS, LOI states and FDR reflects County maintained SBR1. Add line to indicate pond boundary

Reflect owner maintained easements. Update legend with new symbol

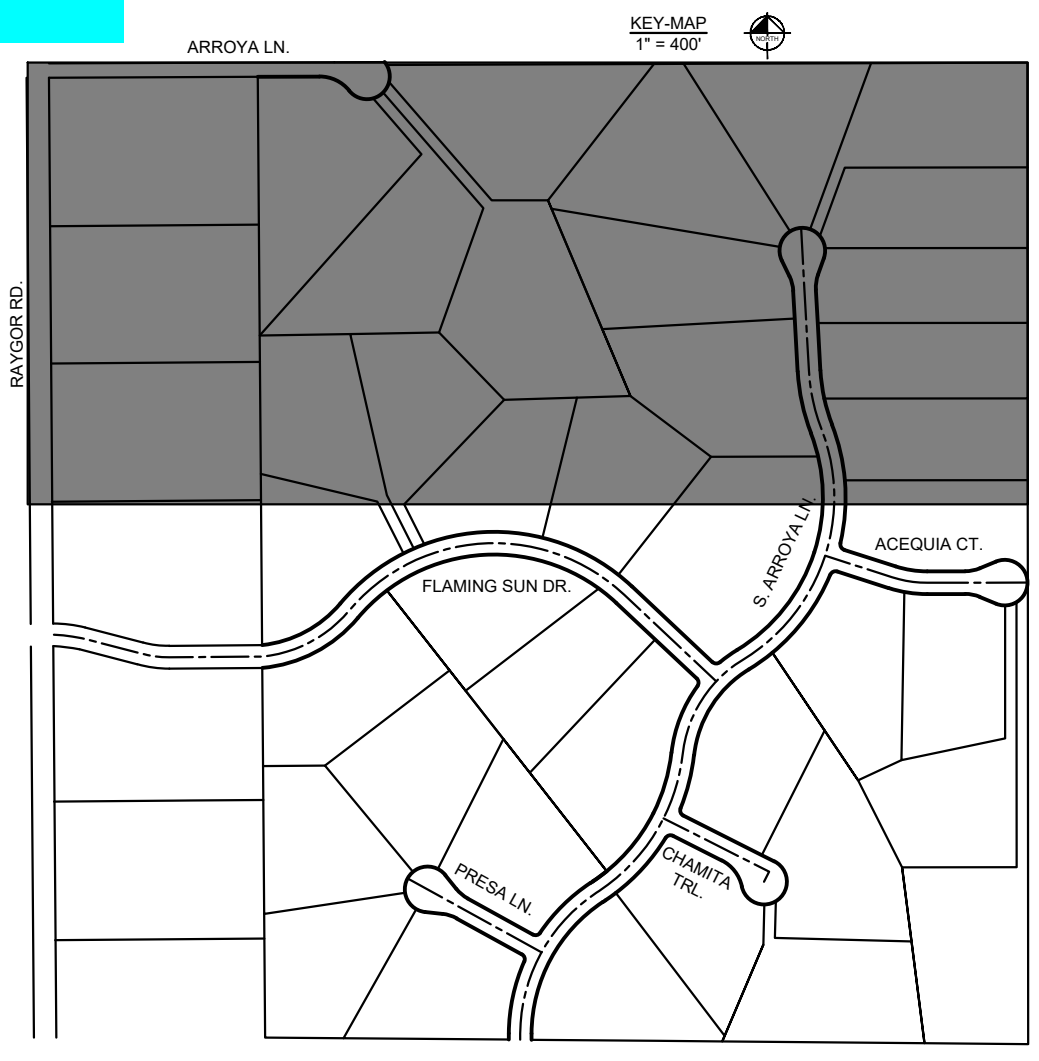


BENCHMARK

CONTROL POINTS AS SHOWN HEREON. ELEVATIONS ARE BASED ON CITY OF COLORADO SPRINGS MONUMENT F_65. PANEL POINTS 50 FOUND AT THE NW CORNER OF RAYGOR ROAD AND ARROYA LANE (EL=7281.39), AND 51 FOUND AT THE NW CORNER OF RAYGOR ROAD AND FLAMING SUN DRIVE (EL=7251.58). (DATUM: NGVD 29).

BASIS OF BEARINGS

ALL BEARINGS USED HEREIN ARE BASED ON AN ASSUMED BEARING S00°02'11"E (S00°02'11"E PER THE RECORDED DEED), A DISTANCE OF 2587.22 FEET (2587.32 FEET OF RECORD) BETWEEN A 2-1/2" ALUMINUM CAP STAMPED "PLS 4842" AT THE NORTHEAST CORNER OF THE NORTHWEST ONE-QUARTER CORNER OF SECTION 26 AND A 2" ALUMINUM CAP STAMPED "PLS 25968" AT THE CENTER ONE-QUARTER OF SAID SECTION 26.



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DATE: 12/23/2023

EAGLEVIEW
EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
HORIZONTAL CONTROL PLAN

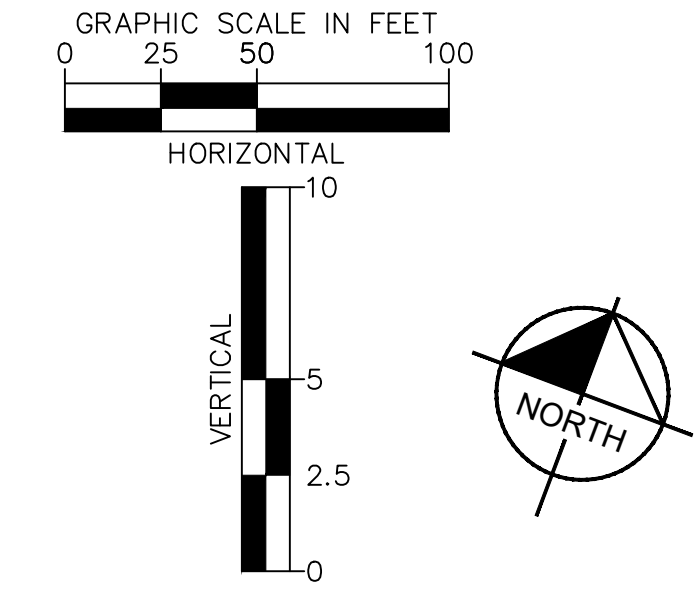
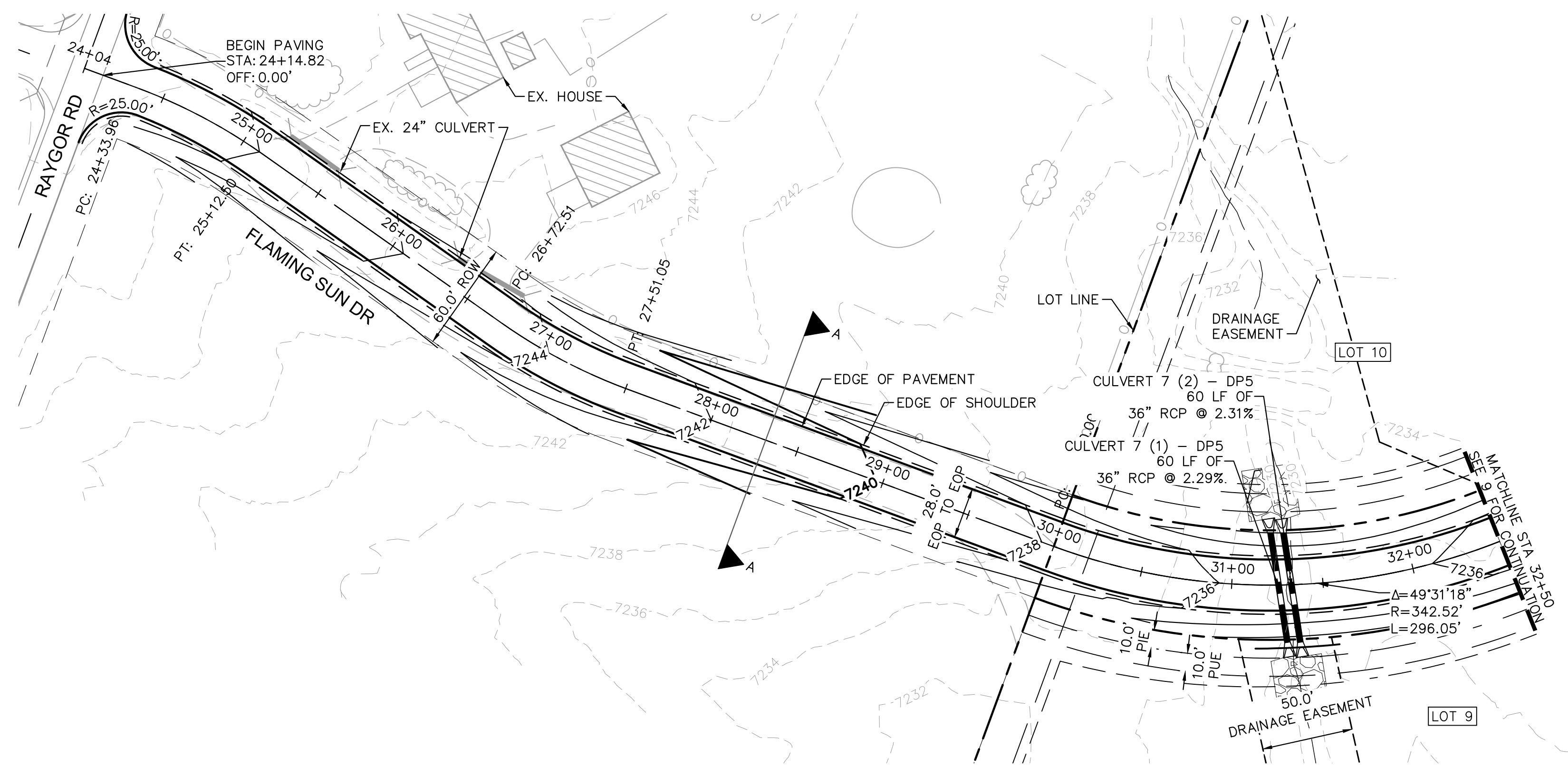
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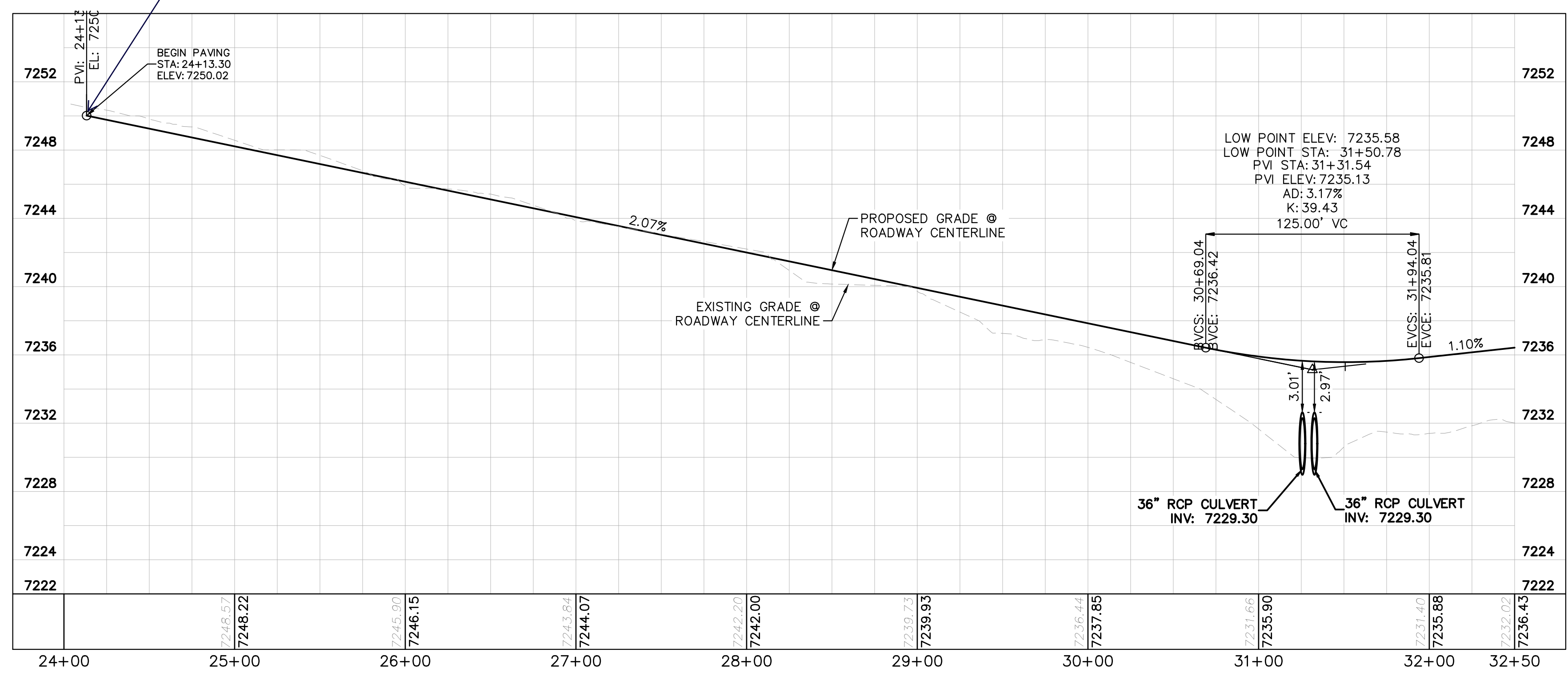
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LEGEND

---	PROPERTY/LOT LINE
---	ROW LINE
---	UTILITY EASEMENT LINE
LOT #	LOT NUMBER
-x-x-	PROPOSED DRAINAGE EASEMENT
▲ x ▲	CROSS SECTION (SEE SHEET 2)
---	PROPOSED CULVERT
---	EXISTING CULVERT
-7XXX-	EXISTING MAJOR CONTOUR
-7XXX-	EXISTING MINOR CONTOUR
7XXX	PROPOSED MAJOR CONTOUR
7XXX	PROPOSED MINOR CONTOUR
---	PROPOSED EDGE OF PAVEMENT
---	PROPOSED EDGE OF SHOULDER

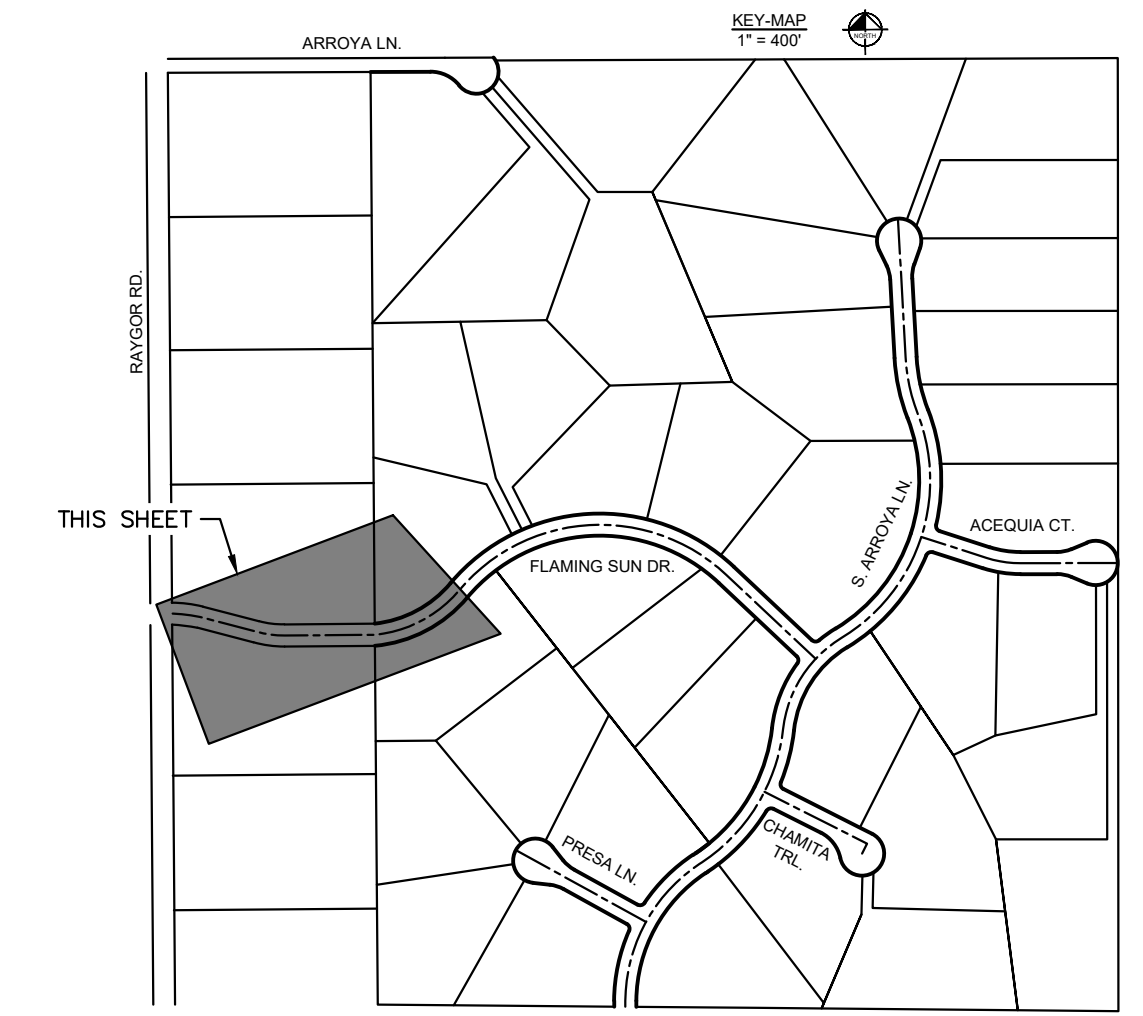
FLAMING SUN DR. PROFILE
 STA: 24+00 TO 32+50



Adjust to match existing.

NOTES

- SEE SHEET 2 FOR TYPICAL ROADWAY SECTIONS AND ROADSIDE DITCH CONFIGURATIONS AS LABELED IN PLAN VIEW.
- PIE = PUBLIC IMPROVEMENT EASEMENT
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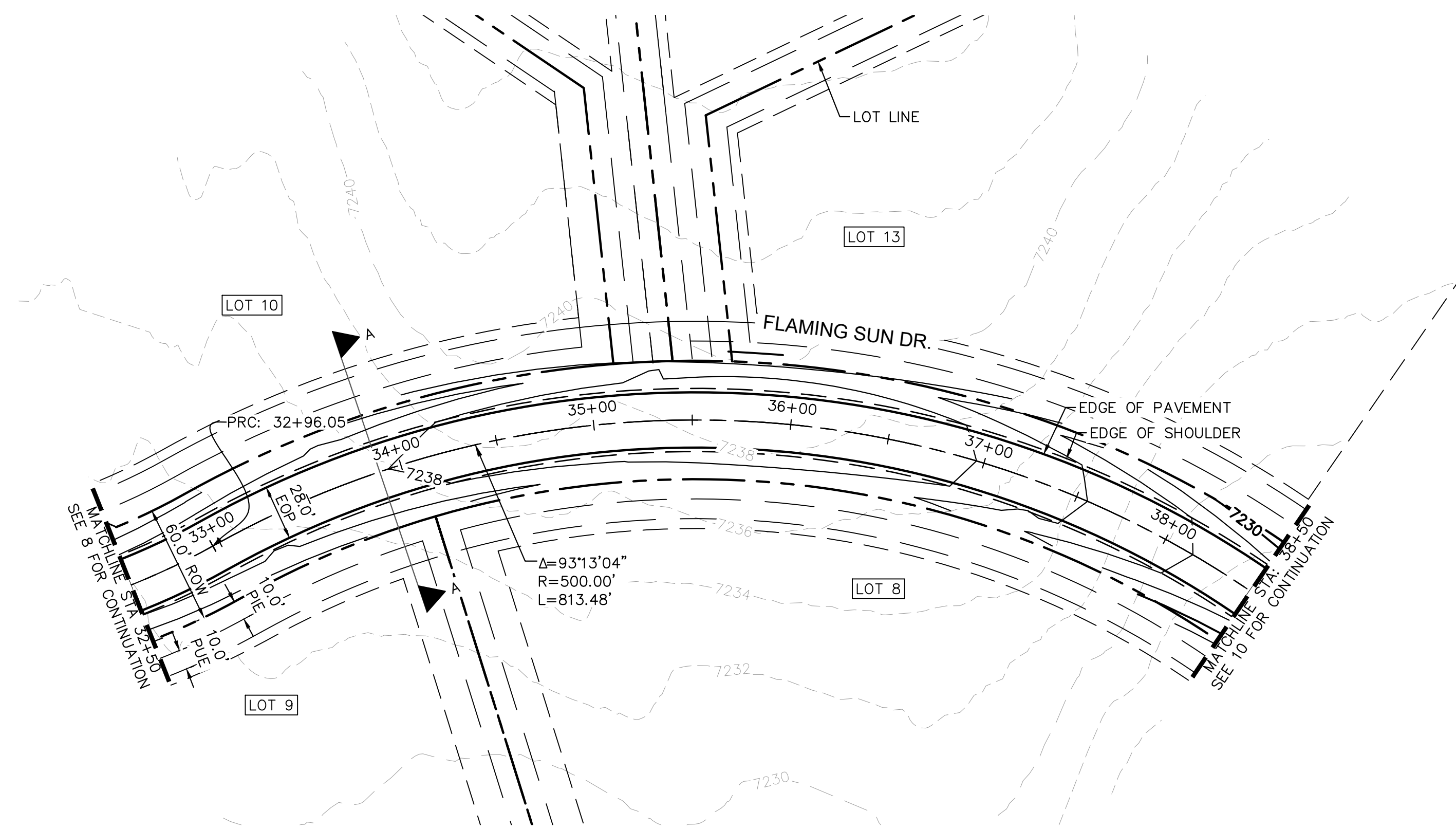
EAGLEVIEW
 EL PASO COUNTY, COLORADO
 CONSTRUCTION DOCUMENTS
 FLAMING SUN PLAN AND PROFILE

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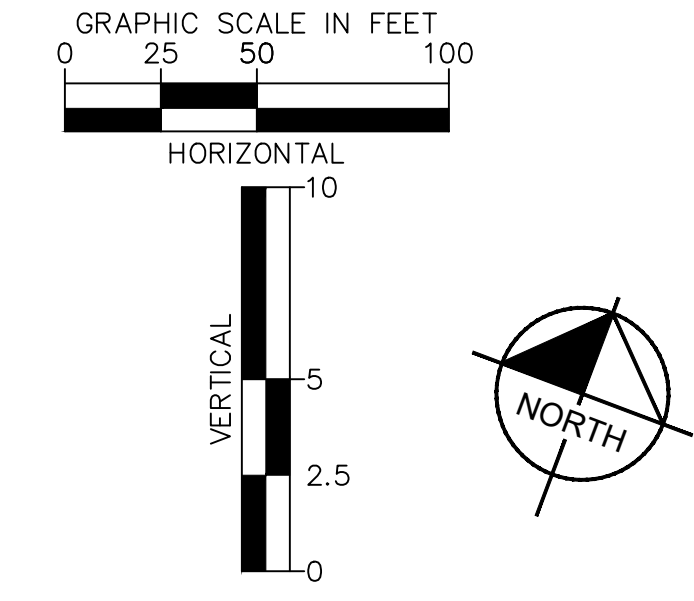
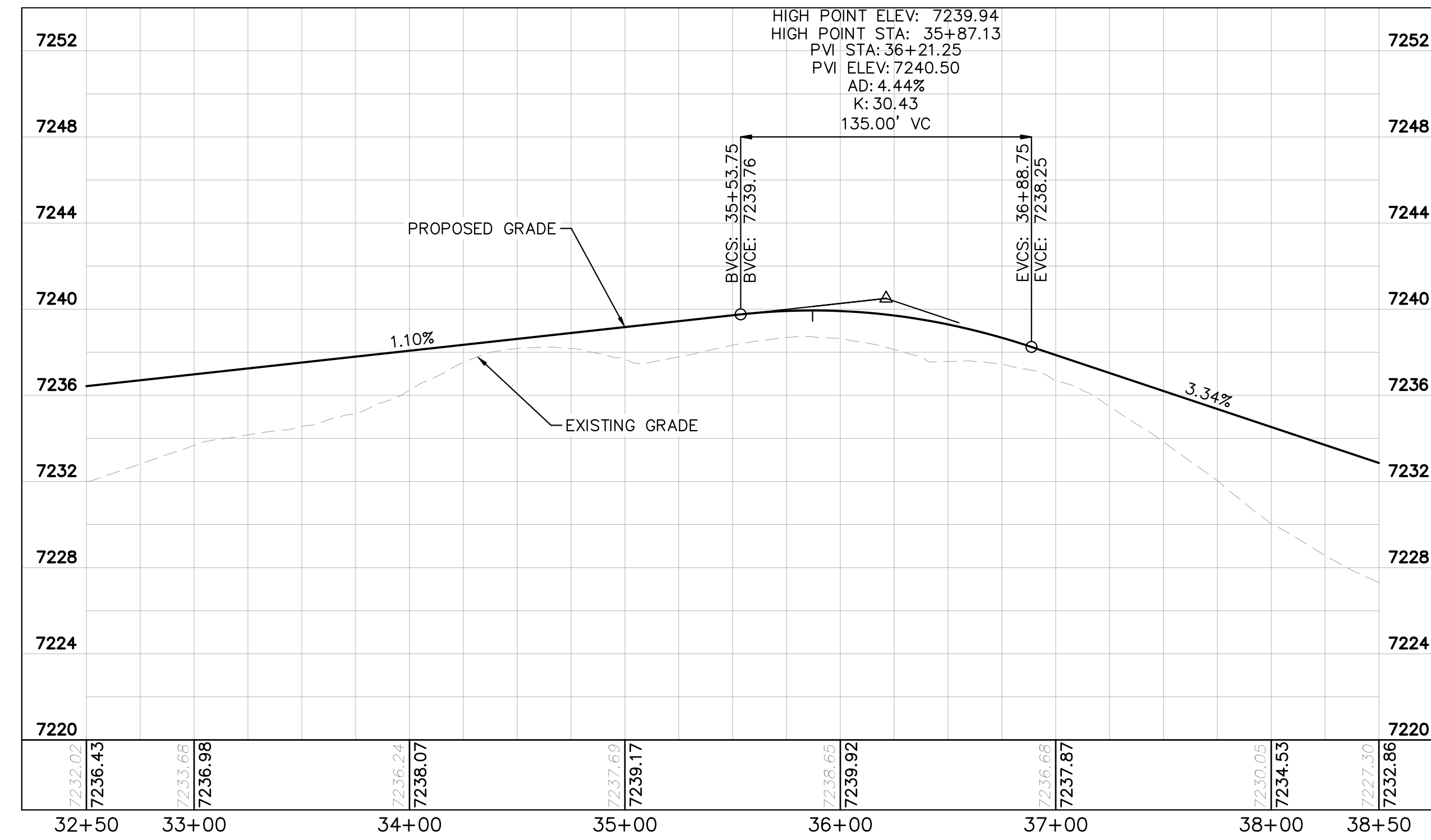
PROJECT NO. 196106001
 SHEET 8

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FLAMING SUN DR. PROFILE
STA: 32+50 TO 38+50

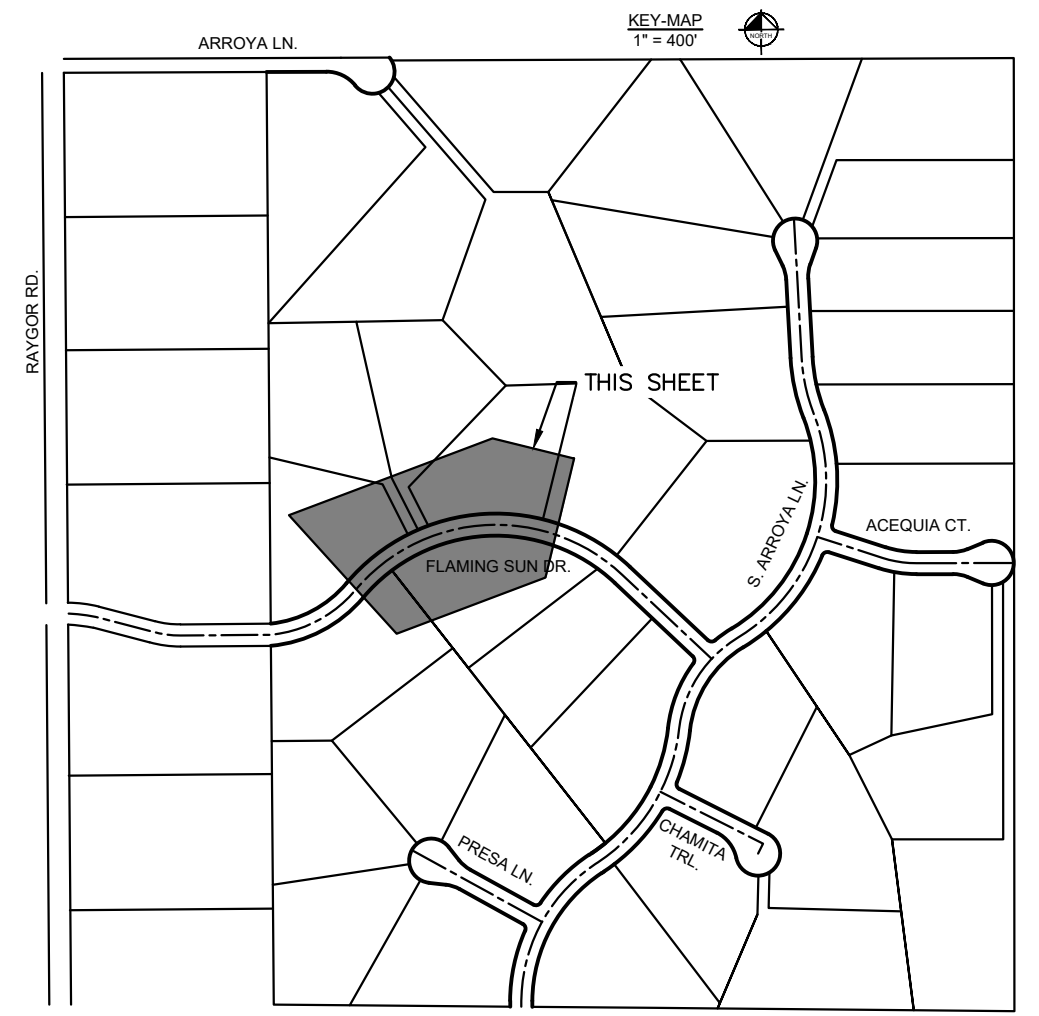


LEGEND

	PROPERTY/LOT LINE
	ROW LINE
	UTILITY EASEMENT LINE
	LOT NUMBER
	PROPOSED DRAINAGE EASEMENT
	CROSS SECTION (SEE SHEET 2)
	PROPOSED CULVERT
	EXISTING CULVERT
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPOSED EDGE OF PAVEMENT
	PROPOSED EDGE OF SHOULDER

NOTES

1. SEE SHEET 2 FOR TYPICAL ROADWAY SECTIONS AND ROADSIDE DITCH CONFIGURATIONS AS LABELED IN PLAN VIEW.
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CONSTRUCTION DOCUMENTS
FLAMING SUN PLAN AND PROFILE

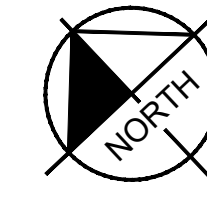
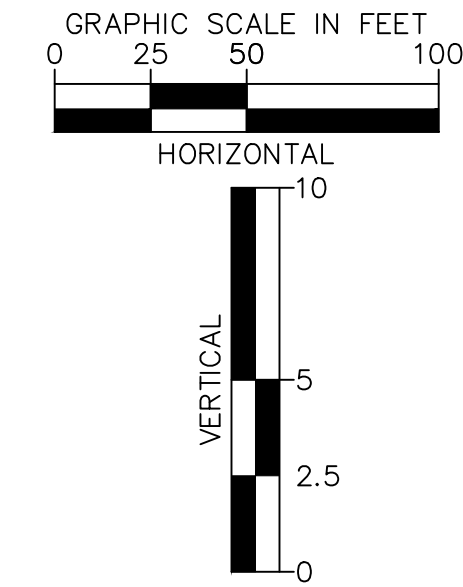
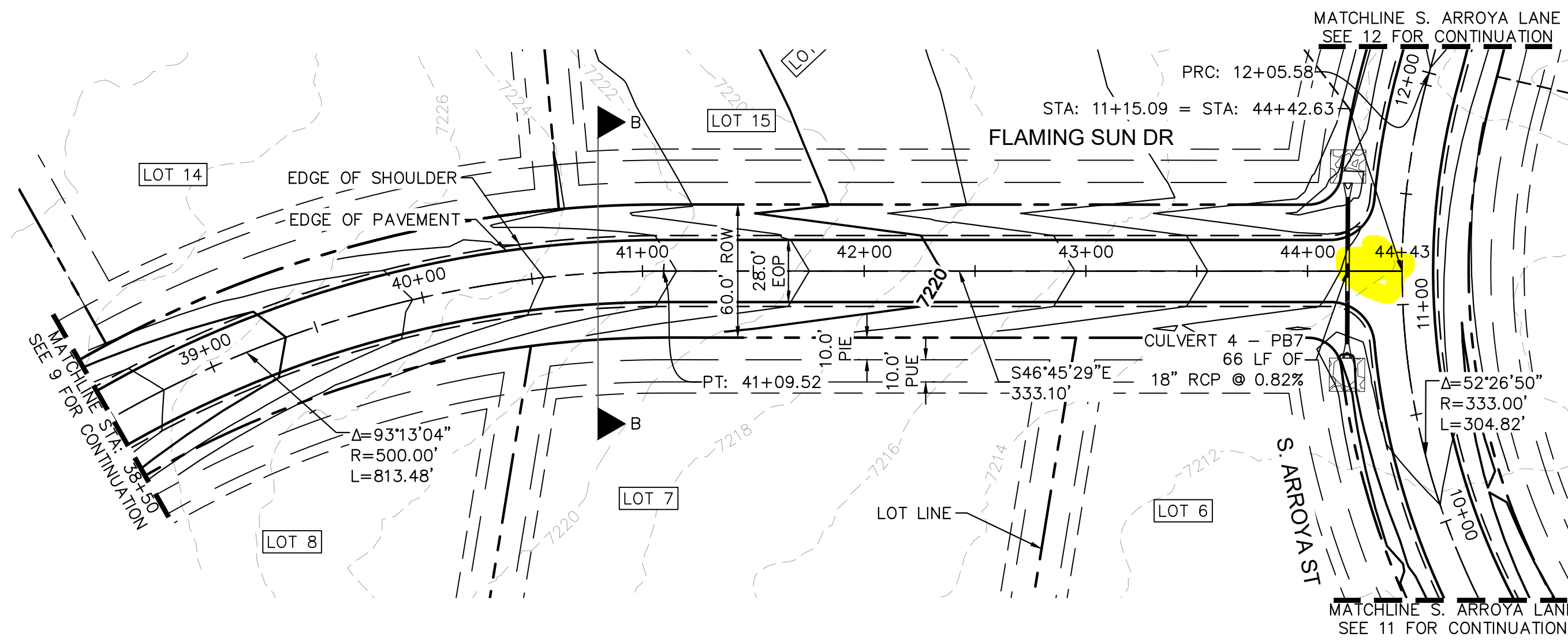
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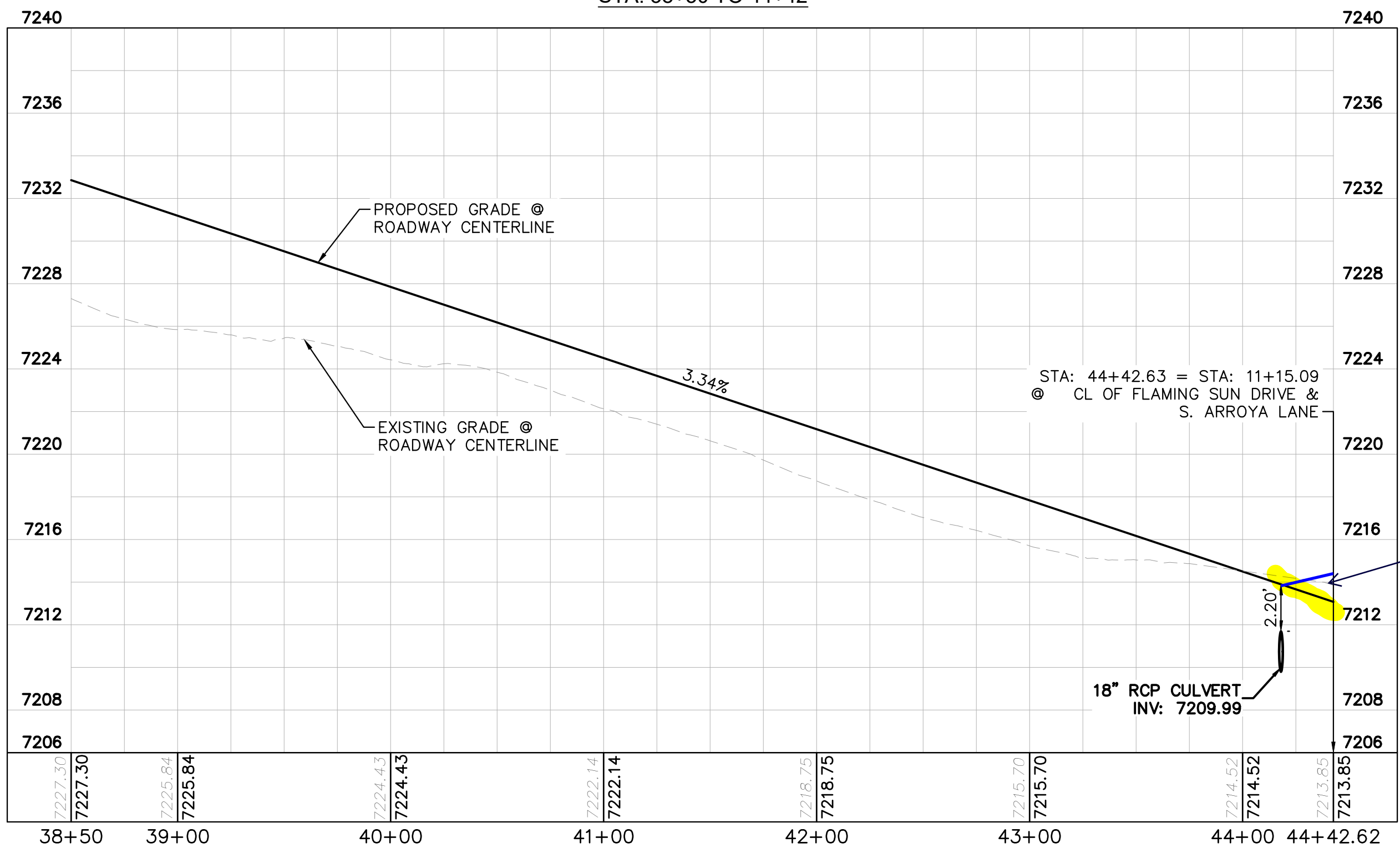
Show the TRM ditch lining on the plan or profile.

14	FLAMING SUN DRIVE	34+00	37+76	1.40% LEFT	5.5/4.1	2.5	0.04	20/PS	10.0	20%	2.11	0.51	1.81	0.04	GRASS
15	FLAMING SUN DRIVE	38+00	37+76	1.40% RIGHT	5.5/4.1	2.5	0.04	20/PS	10.0	20%	2.11	0.51	1.81	0.04	GRASS
16	FLAMING SUN DRIVE	39+00	43+10	1.48% LEFT	5.5/4.1	2.5	0.04	20/PS	10.0	20%	2.11	0.51	1.81	0.04	GRASS/TRM
17	FLAMING SUN DRIVE	43+10	44+00	3.79% RIGHT	5.5/4.1	2.5	0.04	20/PS	10.0	20%	2.11	0.51	1.81	0.04	GRASS/TRM
18	FLAMING SUN DRIVE	43+10	44+00	1.40% LEFT	5.5/4.1	2.5	0.04	20/PS	10.0	20%	2.11	0.51	1.81	0.04	GRASS/TRM
19	FLAMING SUN DRIVE	43+10	44+00	1.40% LEFT	5.5/4.1	2.5	0.04	20/PS	10.0	20%	2.11	0.51	1.81	0.04	GRASS/TRM
20	S. ARROYA LANE	44+00	44+00	1.40% LEFT	5.5/4.1	2.5	0.04	20/PS	10.0	20%	2.11	0.51	1.81	0.04	GRASS



- LEGEND**
- PROPERTY/LOT LINE
 - ROW LINE
 - UTILITY EASEMENT LINE
 - LOT #
 - x-x-x- PROPOSED DRAINAGE EASEMENT
 - ▲ x ▲ CROSS SECTION (SEE SHEET 2)
 - PROPOSED CULVERT
 - EXISTING CULVERT
 - 7XXX- EXISTING MAJOR CONTOUR
 - 7XXX- EXISTING MINOR CONTOUR
 - 7XXX PROPOSED MAJOR CONTOUR
 - 7XXX PROPOSED MINOR CONTOUR
 - PROPOSED EDGE OF PAVEMENT
 - PROPOSED EDGE OF SHOULDER

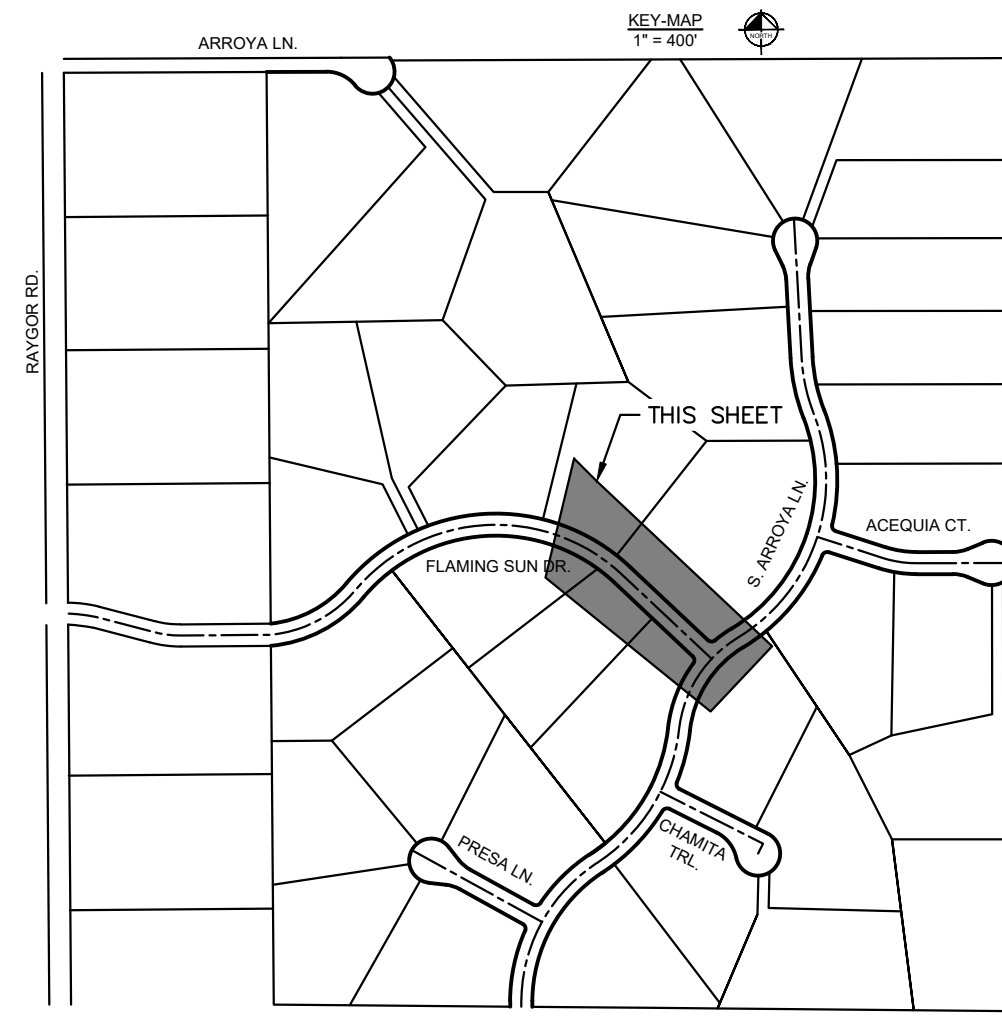
FLAMING SUN DR. PROFILE
STA: 38+50 TO 44+42



Adjust grading. S Arroya Lane should maintain the standard crown section at the intersection. The 2% cross slope of S Arroya Lane should continue 100 ft past the intersection. S Arroya Lane takes precedence. See ECM 2.3.7.C.4.

NOTES

1. SEE SHEET 2 FOR TYPICAL ROADWAY SECTIONS AND ROADSIDE DITCH CONFIGURATIONS AS LABELED IN PLAN VIEW.
2. PIE = PUBLIC IMPROVEMENT EASEMENT
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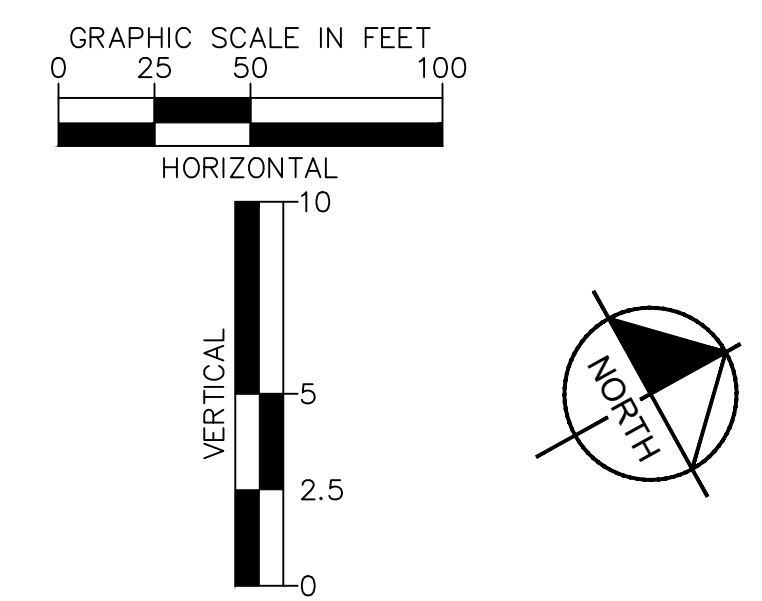
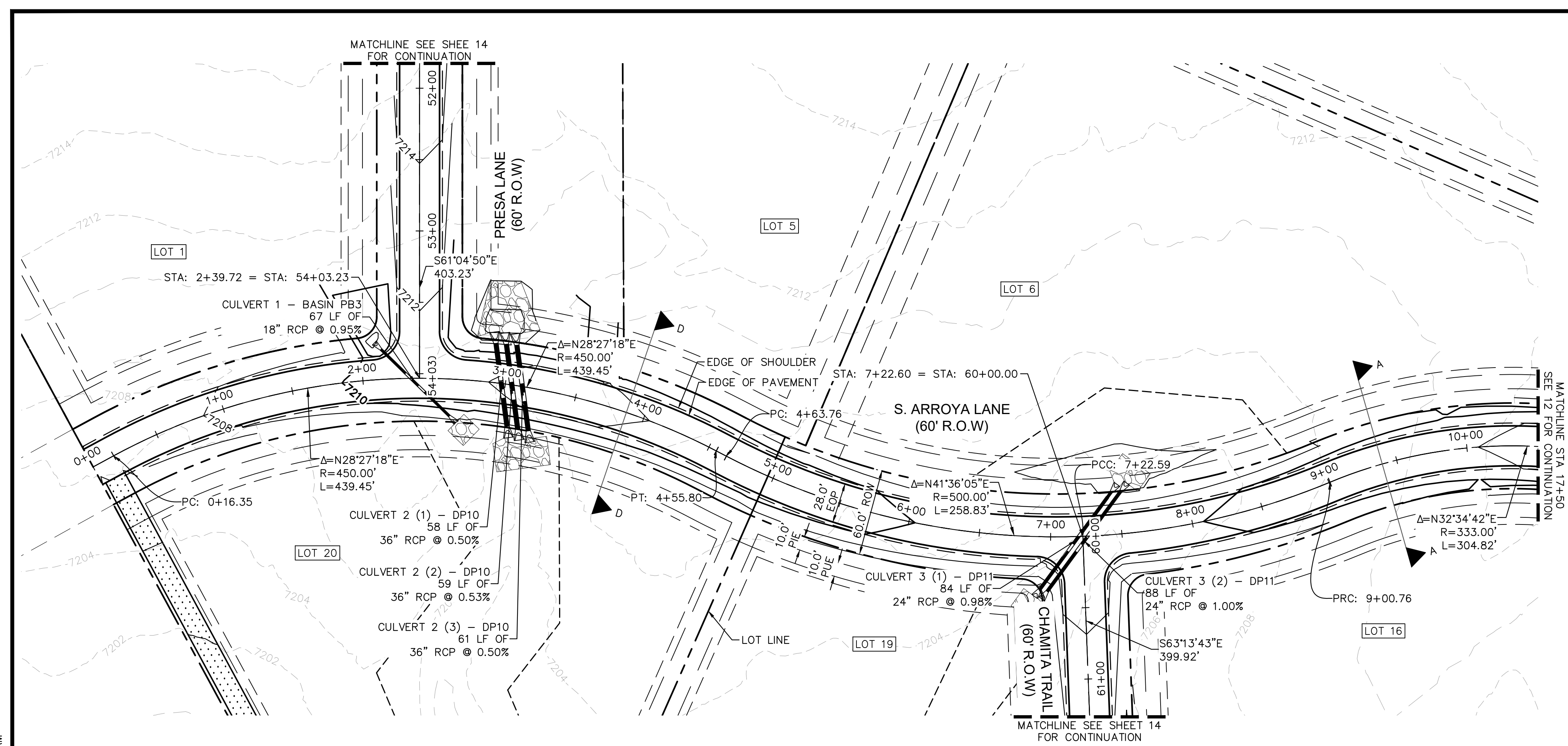
DESIGNED BY: MJK
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 CHECKED BY: KRK
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EAGLEVIEW
 EL PASO COUNTY, COLORADO
 CONSTRUCTION DOCUMENTS
 FLAMING SUN PLAN AND PROFILE

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PROJECT NO.
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 SHEET
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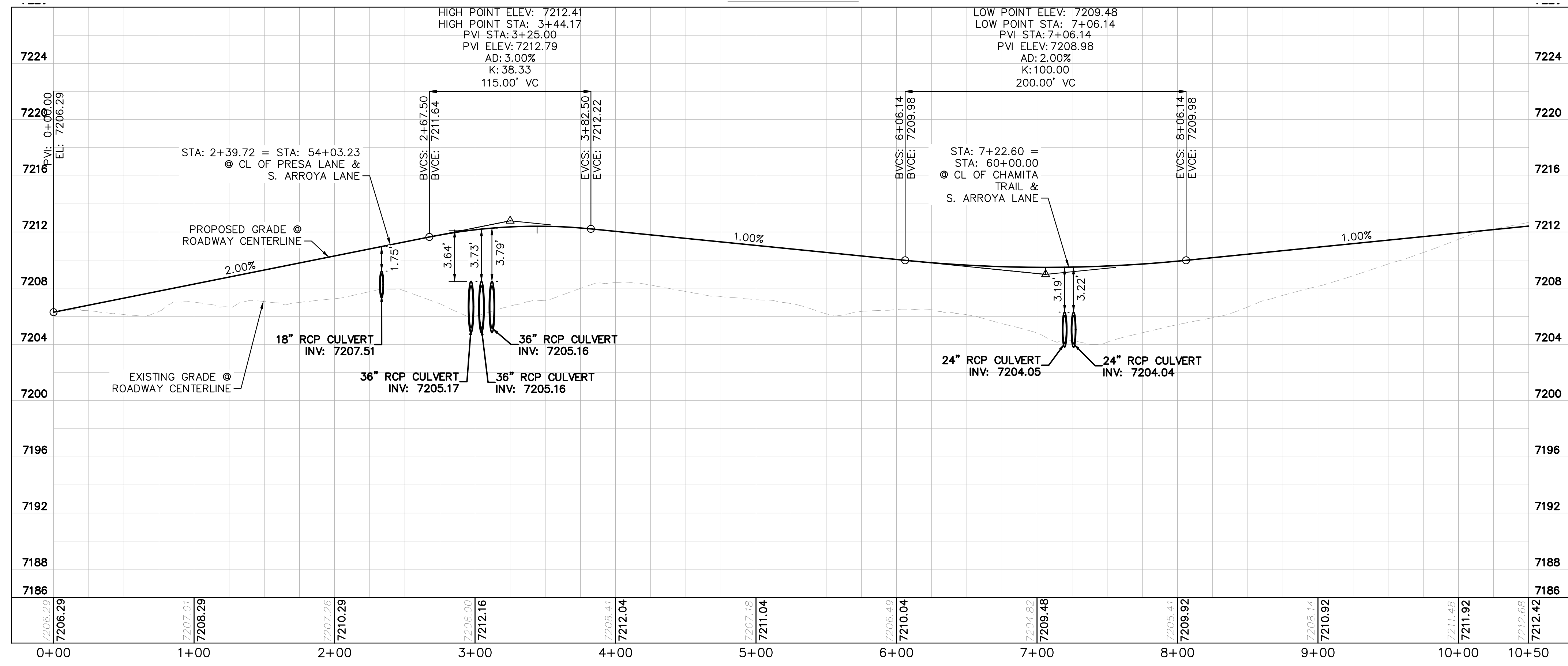
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LEGEND

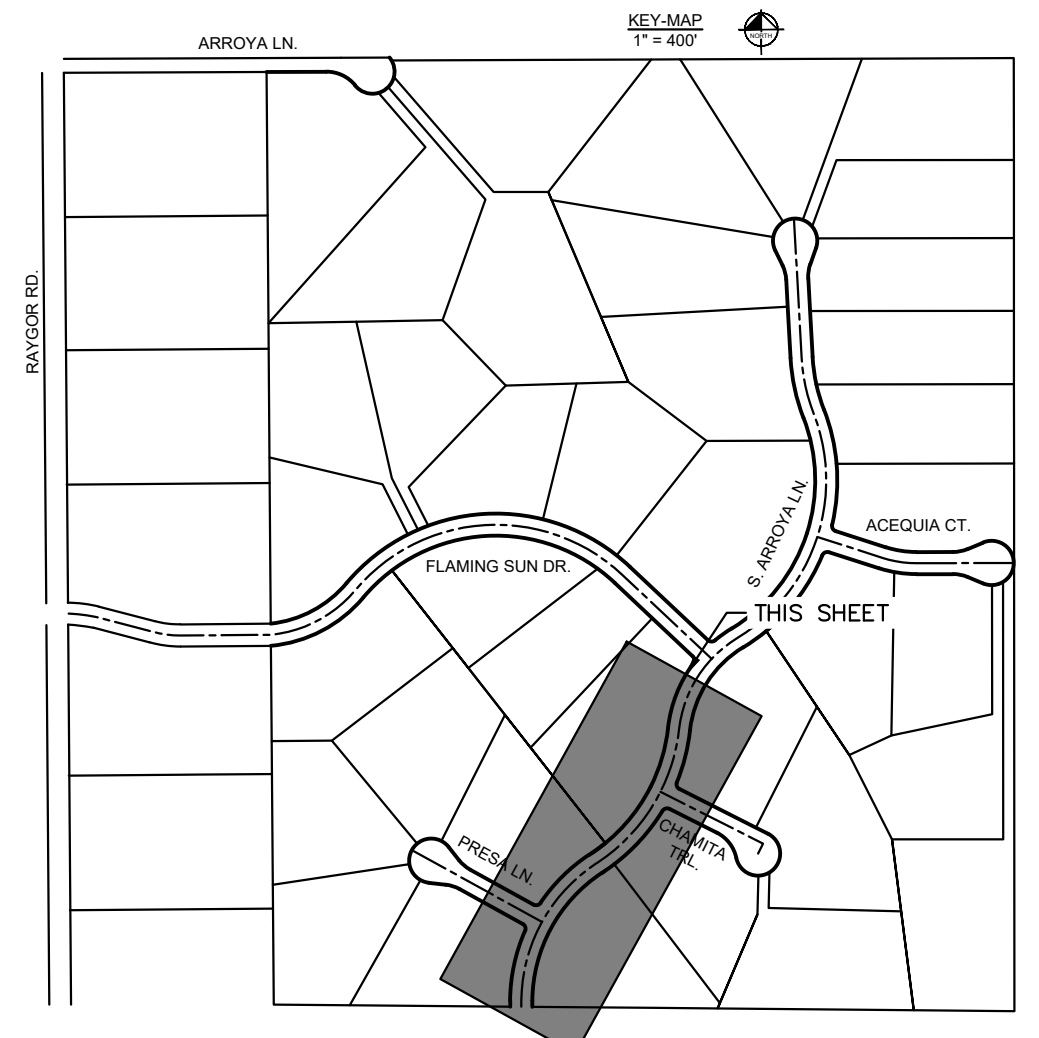
- PROPERTY/LOT LINE
- ROW LINE
- UTILITY EASEMENT LINE
- LOT # LOT NUMBER
- x-x-x- PROPOSED DRAINAGE EASEMENT
- ▲▲ CROSS SECTION (SEE SHEET 2)
- PROPOSED CULVERT
- EXISTING CULVERT
- 7XXX- EXISTING MAJOR CONTOUR
- 7XXX- EXISTING MINOR CONTOUR
- 7XXX- PROPOSED MAJOR CONTOUR
- 7XXX- PROPOSED MINOR CONTOUR
- PROPOSED EDGE OF PAVEMENT
- PROPOSED EDGE OF SHOULDER

S. ARROYA LANE PROFILE
STA: 0+00 TO 10+50



NOTES

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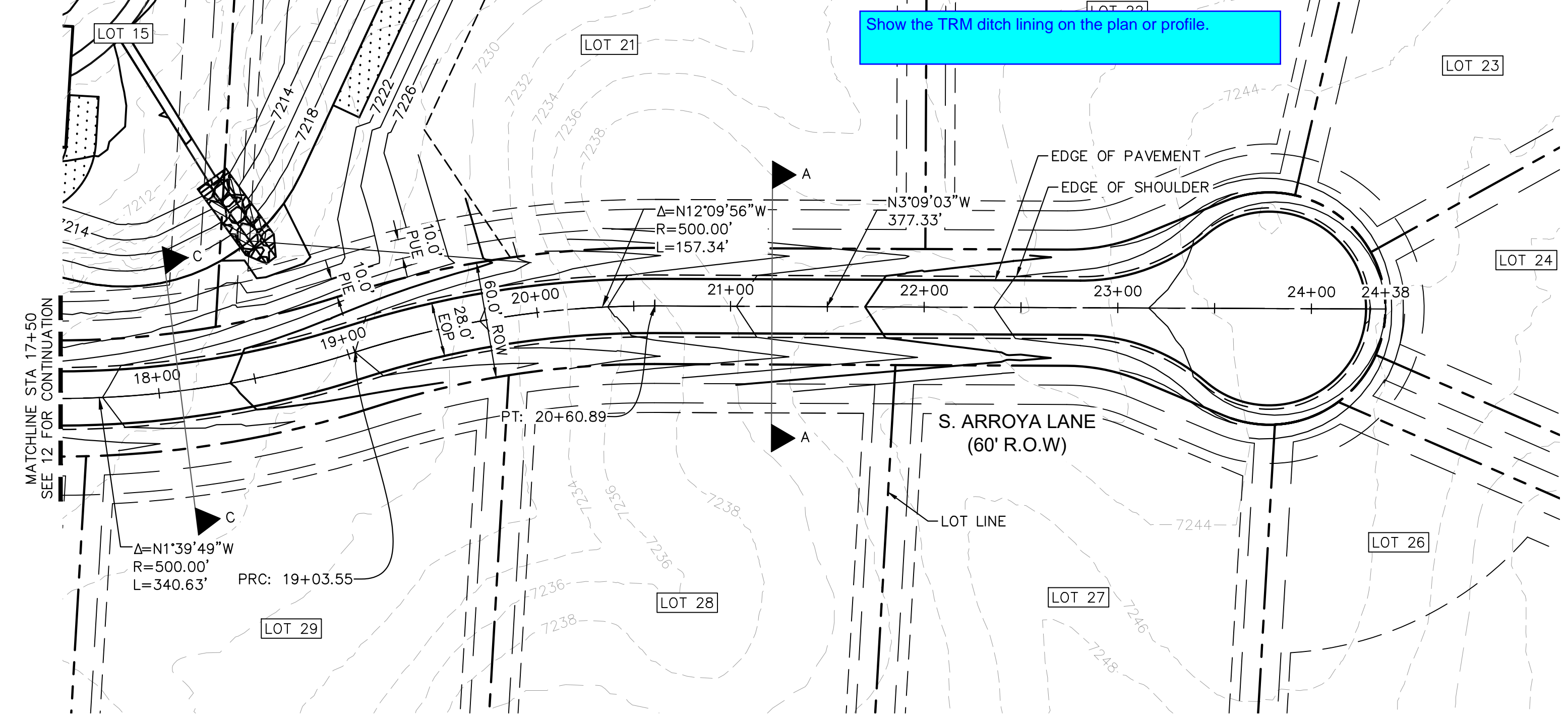
EAGLEVIEW
EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
S. ARROYA LN. PLAN AND PROFILE

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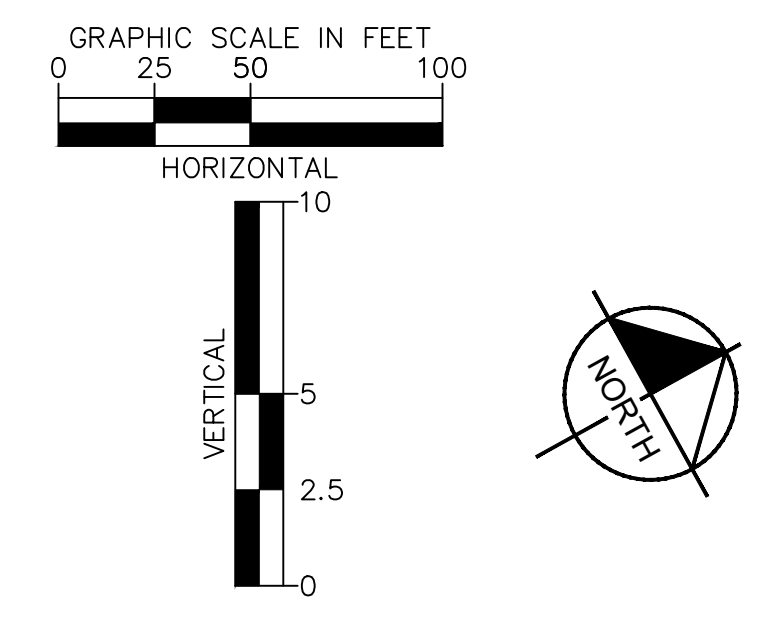
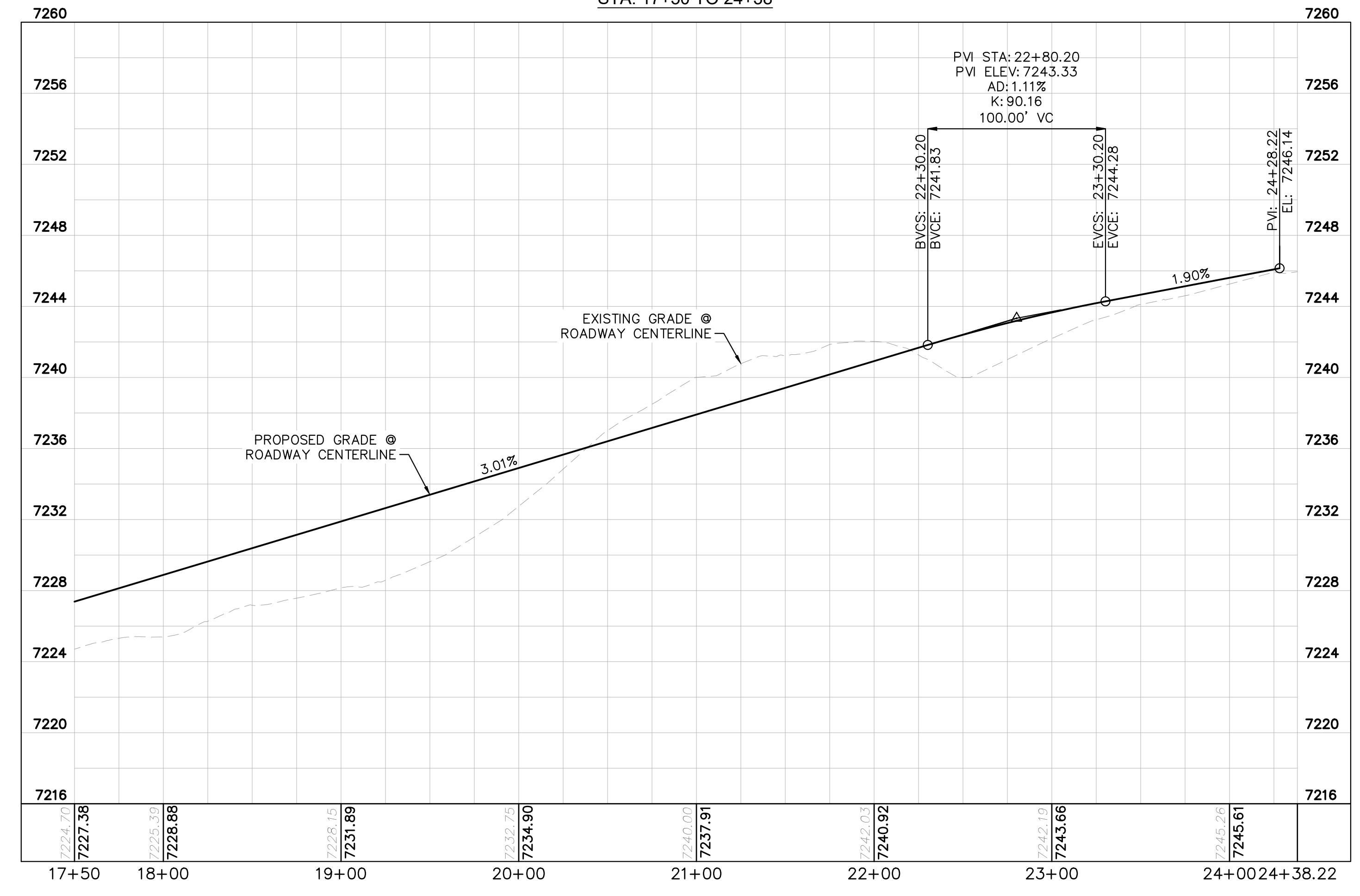
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Ditch #	ROADWAY	FROM STA	TO STA	PROPOSED SLOPE (%)	SIDE	SIDE SLOPE (L/R)	CHANNEL DEPTH (FT)	FRICTION FACTOR	BASIN	Q100 FLOW (CFS)	DITCH FLOW % OF BASIN	DITCH FLOW (CFS)	Q100 DEPTH (FT)	Q100 VELOCITY (FT/S)	Froude No. (Fr)	DITCH LINING
1	NORTHWEST CUL-DE-SAC	86+30	89+59	1.25%	LEFT	4:1/4:1	2.5	0.04	5%OB5	107.1	5%	5.4	0.8	2.2	0.6	GRASS
2	NORTHWEST CUL-DE-SAC	86+30	89+59	1.02%	RIGHT	4:1/4:1	2.5	0.04	1%OB5	107.1	1%	1.1	0.4	1.4	0.5	GRASS
3	S. ARROYA LANE	20+00	24+28	3.28%	RIGHT	4:1/4:1	2.5	0.04	12%PB11	29.8	12%	3.6	0.6	2.8	0.9	GRASS/TRM
4	S. ARROYA LANE	20+00	24+28	2.88%	LEFT	4:1/4:1	2.5	0.04	5%PB10	20.4	5%	6.1	0.7	3.1	0.9	GRASS/TRM
5	S. ARROYA LANE	16+50	20+00	3.81%	RIGHT	4:1/4:1	2.5	0.04	25%PB11	29.8	25%	7.5	0.7	3.6	1.1	GRASS/TRM
6	S. ARROYA LANE	15+88	16+50	4.42%	LEFT	4:1/4:1	2.5	0.04	5%PB12	0.9	100%	0.9	0.3	2.2	1.0	GRASS/TRM
7	S. ARROYA LANE	15+88	16+50	2.69%	RIGHT	4:1/4:1	2.5	0.04	30%PB11	29.8	30%	8.9	0.8	3.3	0.9	GRASS/TRM
8	ACEQUIA COURT (RIGHT CUL-DE-SAC)	70+30.50	71+00	1.56%	LEFT	4:1/4:1	2.5	0.04	30%PB11	29.8	30%	8.9	1.0	2.4	0.6	GRASS
9	ACEQUIA COURT (RIGHT CUL-DE-SAC)	71+00	71+44	1.73%	LEFT	4:1/4:1	2.5	0.04	30%PB11	29.8	30%	8.9	1.1	1.4	0.6	GRASS



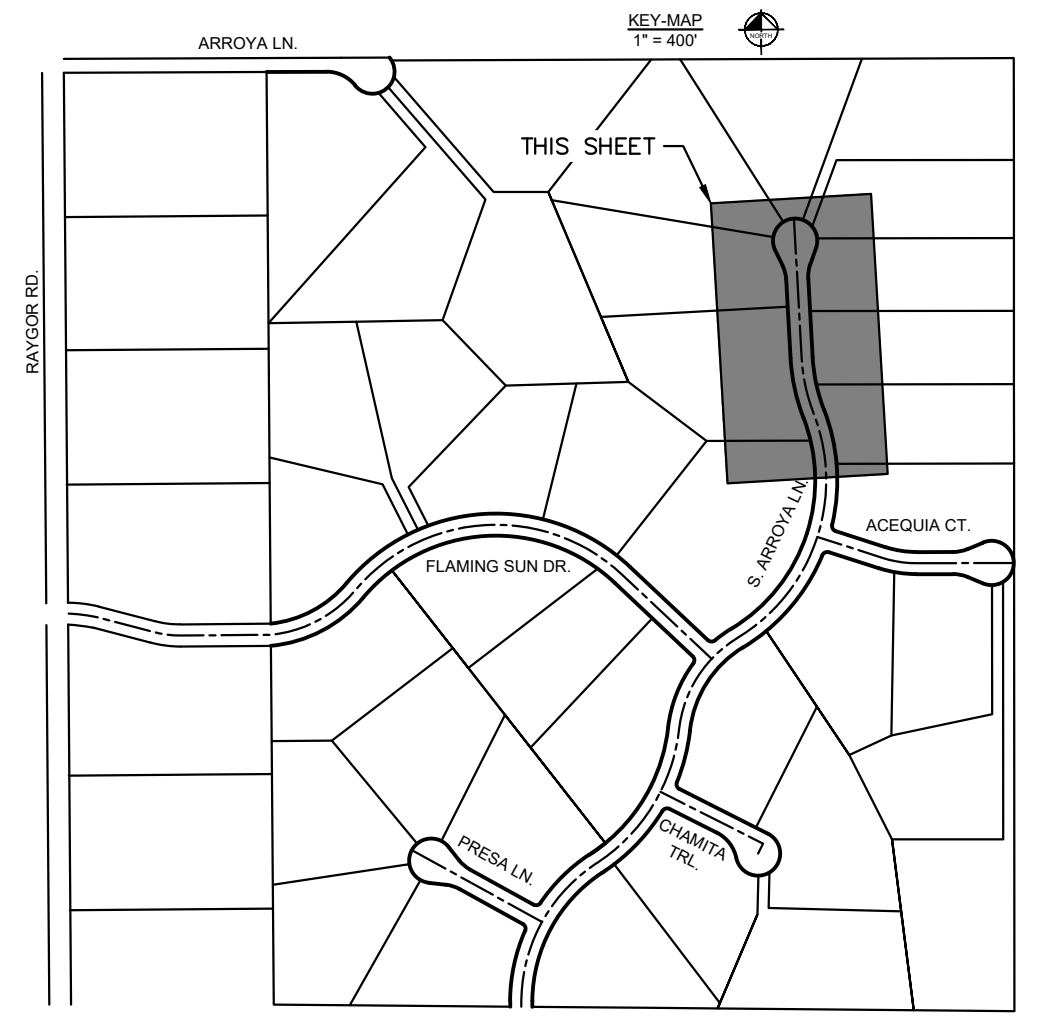
S. ARROYA LANE PROFILE
STA: 17+50 TO 24+38



- LEGEND**
- PROPERTY/LOT LINE
 - ROW LINE
 - UTILITY EASEMENT LINE
 - LOT #
 - x-x- PROPOSED DRAINAGE EASEMENT
 - ▲▲ CROSS SECTION (SEE SHEET 2)
 - PROPOSED CULVERT
 - EXISTING CULVERT
 - 7XXX- EXISTING MAJOR CONTOUR
 - 7XXX- EXISTING MINOR CONTOUR
 - 7XXX PROPOSED MAJOR CONTOUR
 - 7XXX PROPOSED MINOR CONTOUR
 - PROPOSED EDGE OF PAVEMENT
 - PROPOSED EDGE OF SHOULDER

NOTES

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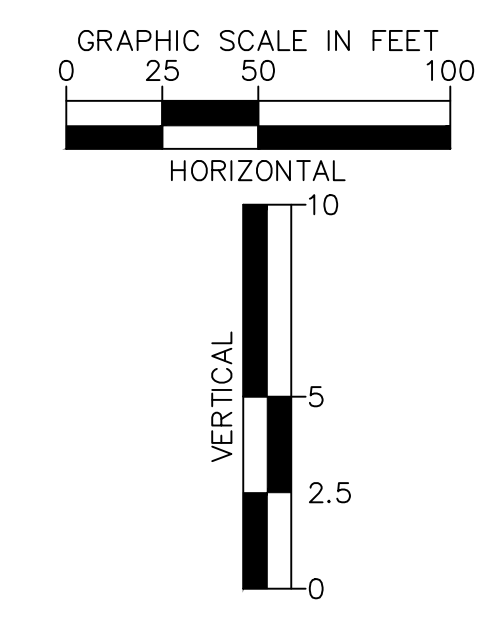
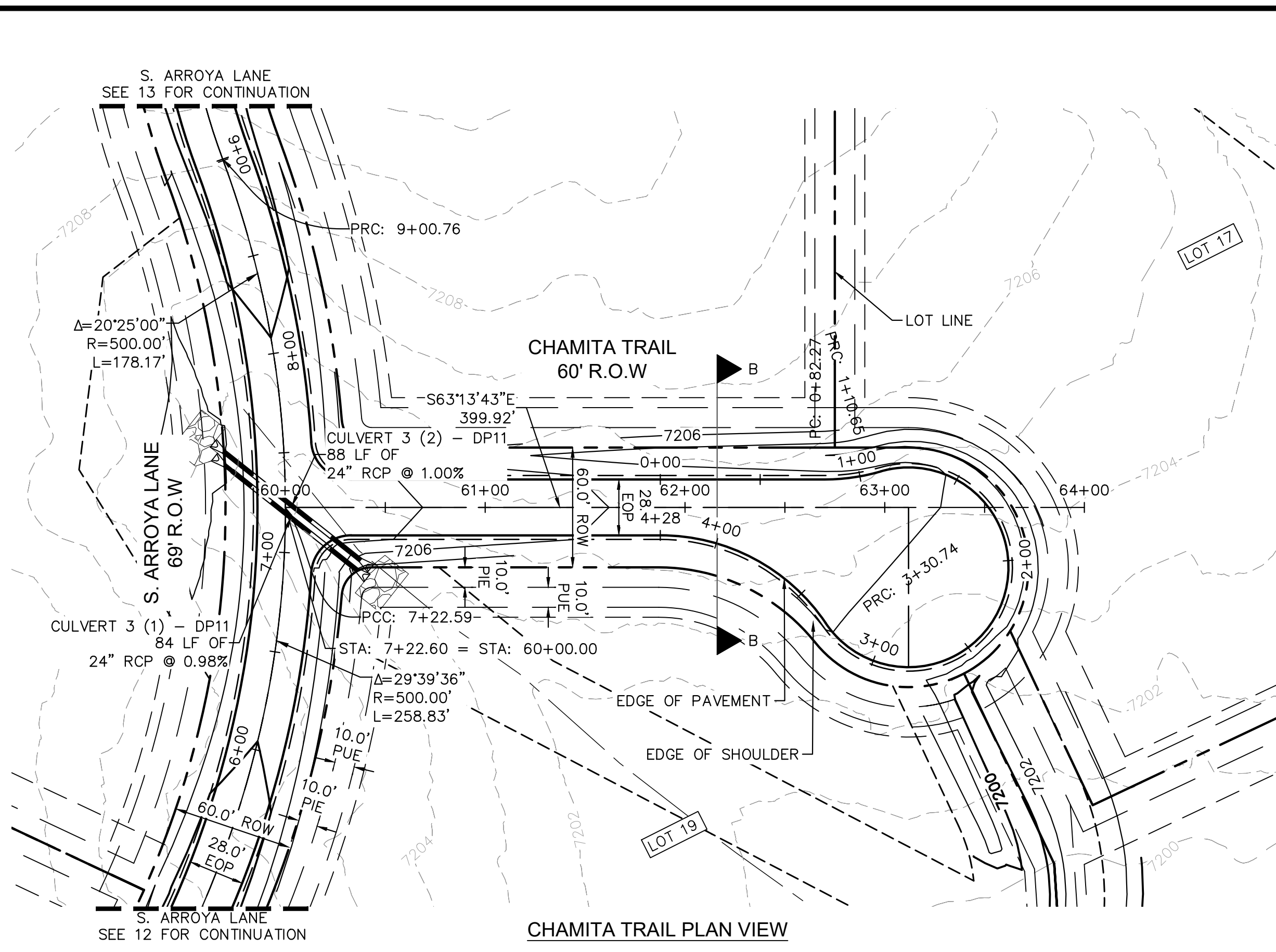
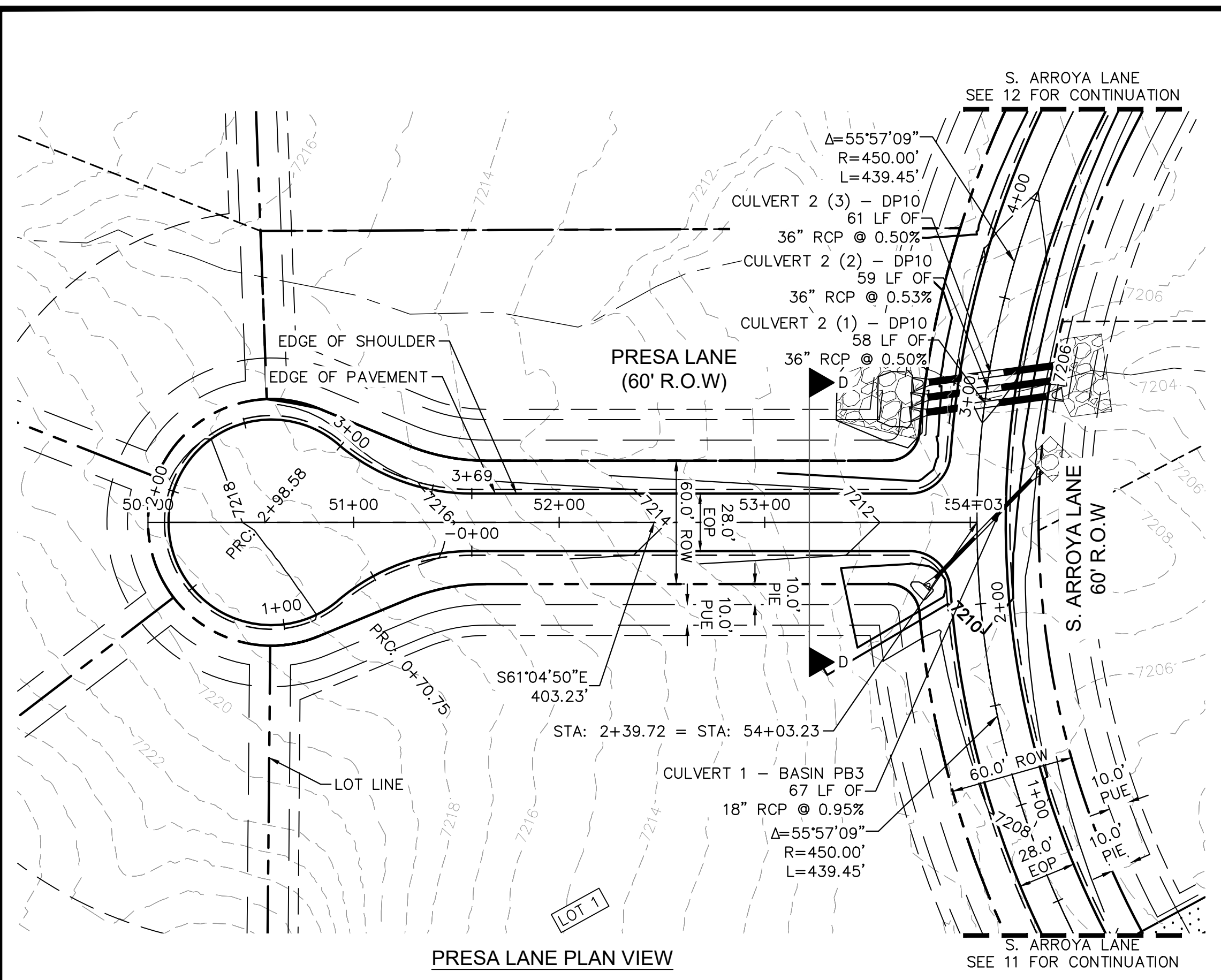
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DRAWN BY: MJK
CHECKED BY: KKK
DATE: 12/23/2023

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EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
S. ARROYA LN. PLAN AND PROFILE

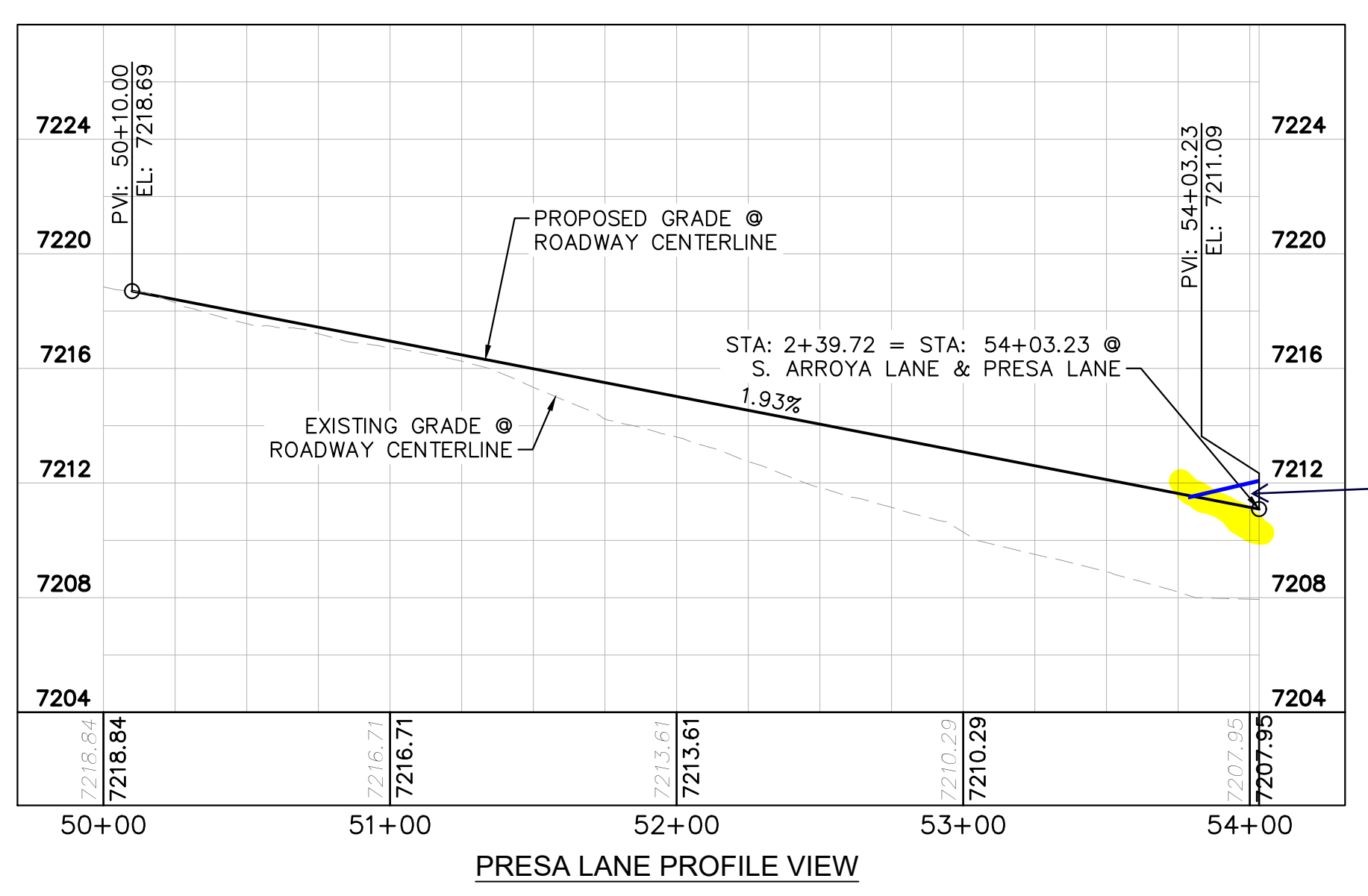
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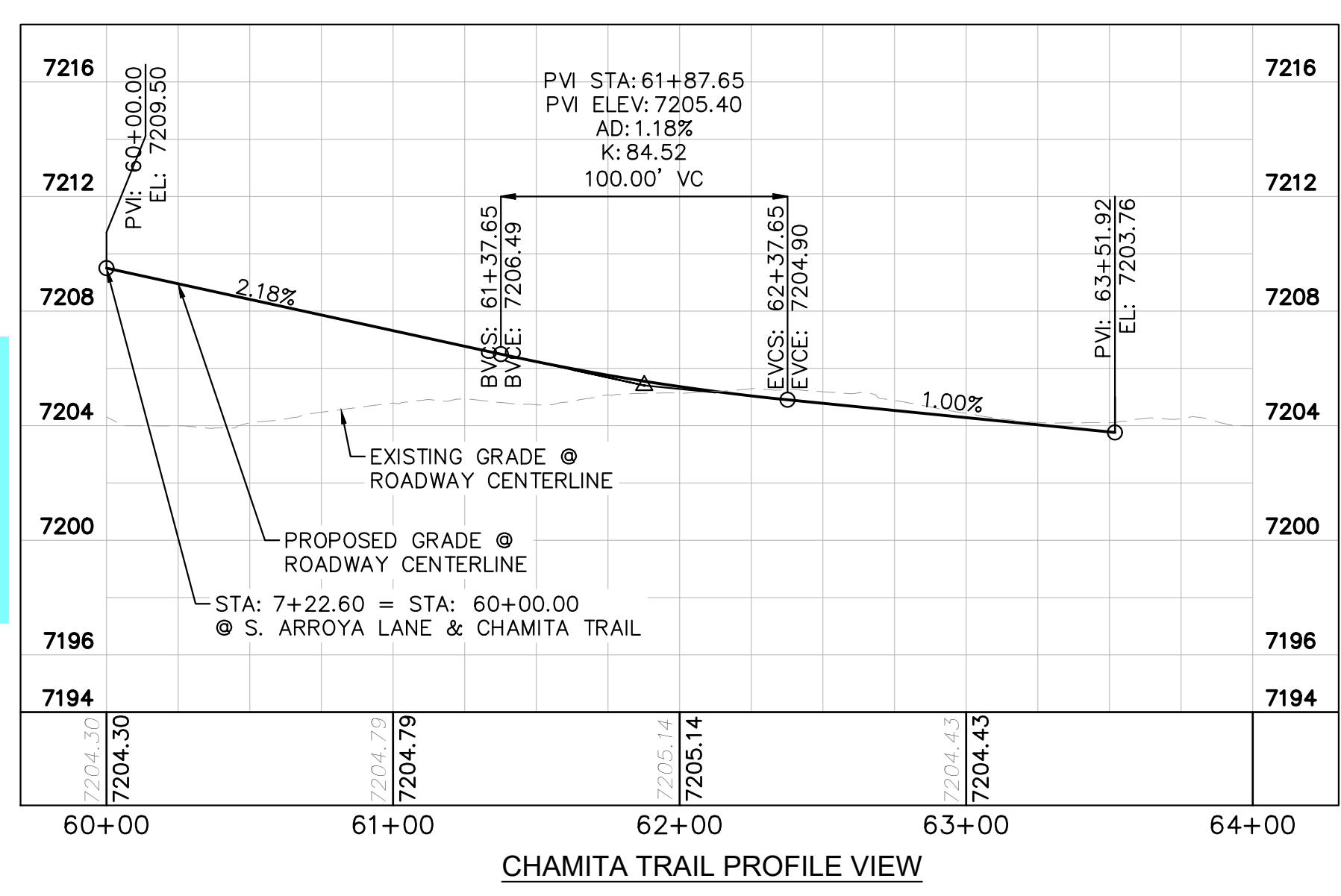
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- LEGEND**
- PROPERTY/LOT LINE
 - ROW LINE
 - UTILITY EASEMENT LINE
 - LOT # LOT NUMBER
 - - - - - PROPOSED DRAINAGE EASEMENT
 - X X CROSS SECTION (SEE SHEET 2)
 - PROPOSED CULVERT
 - EXISTING CULVERT
 - - - - - EXISTING MAJOR CONTOUR
 - - - - - EXISTING MINOR CONTOUR
 - 7XXX PROPOSED MAJOR CONTOUR
 - 7XXX PROPOSED MINOR CONTOUR
 - PROPOSED EDGE OF PAVEMENT
 - PROPOSED EDGE OF SHOULDER

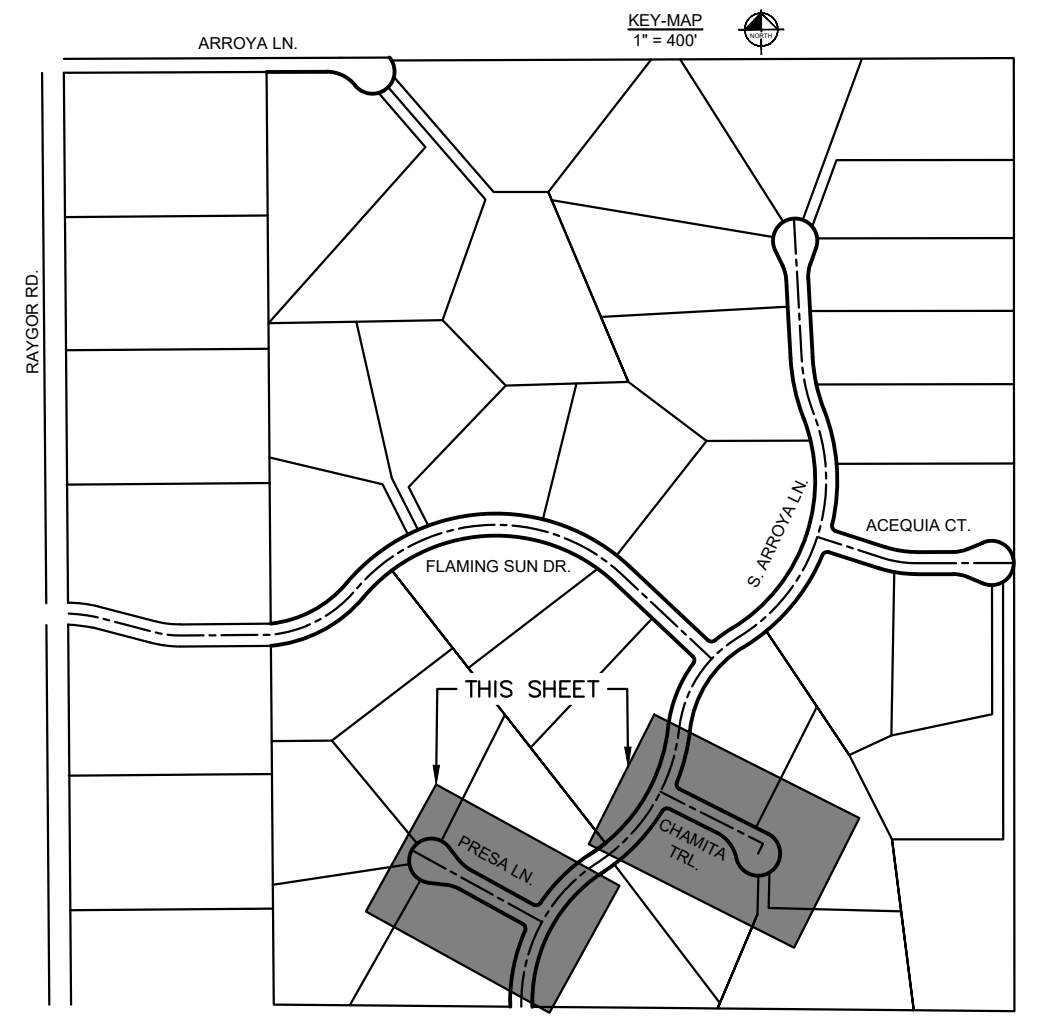
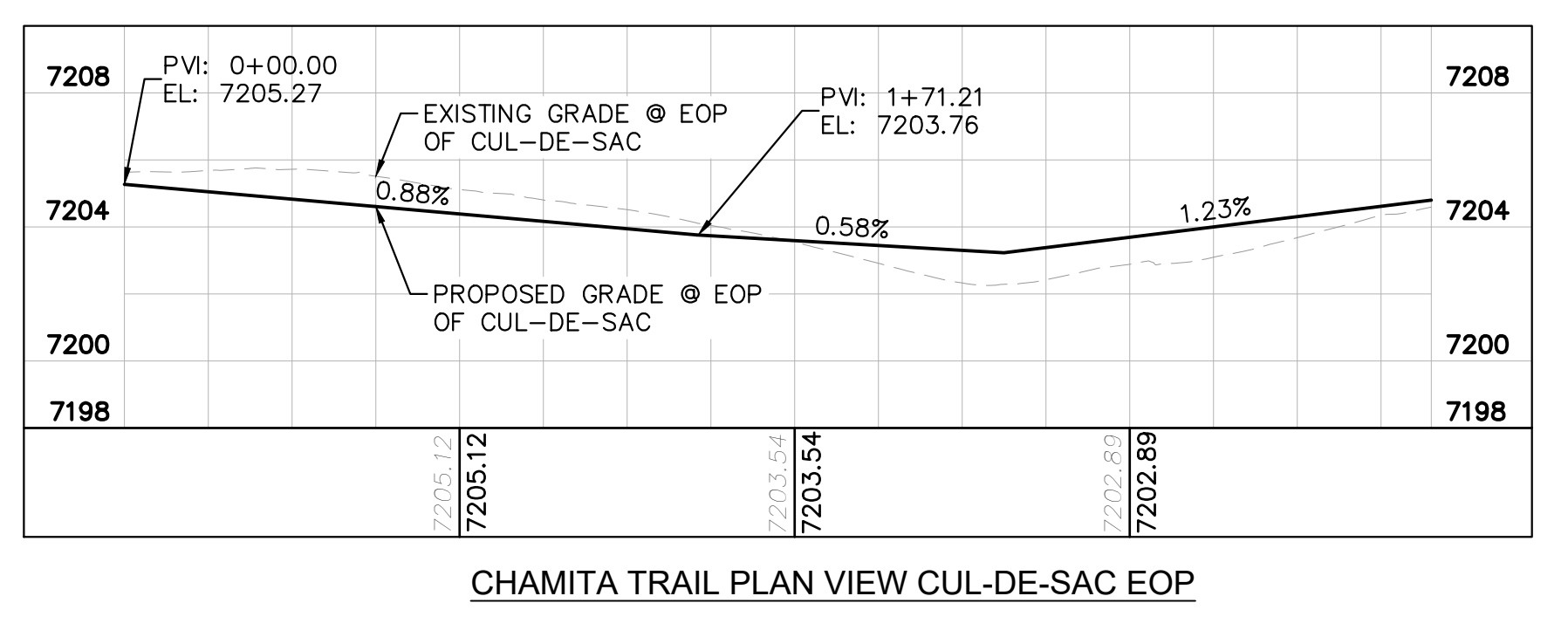
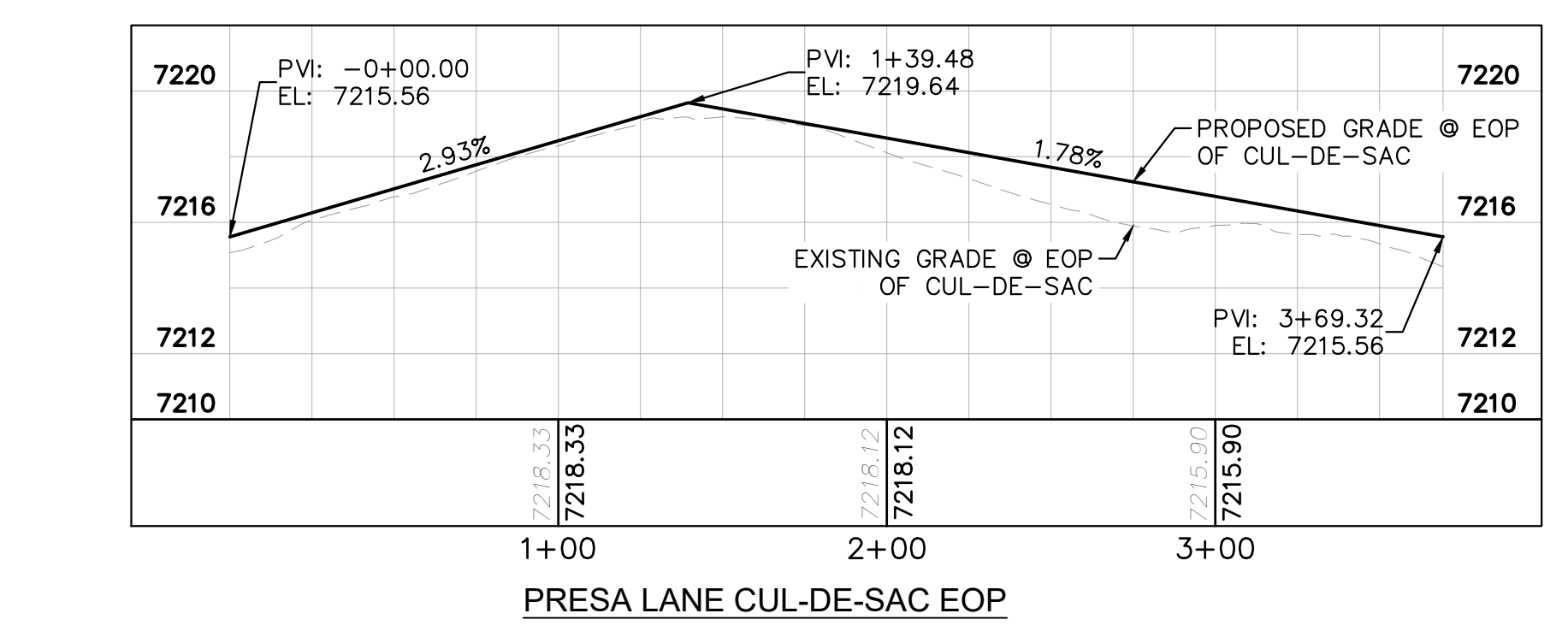


Adjust grading. S Arroya Lane should maintain the standard crown section at the intersection. The 2% cross slope of S Arroya Lane should continue 100 ft past the intersection. S Arroya Lane takes precedence. See ECM 2.3.7.C.4.



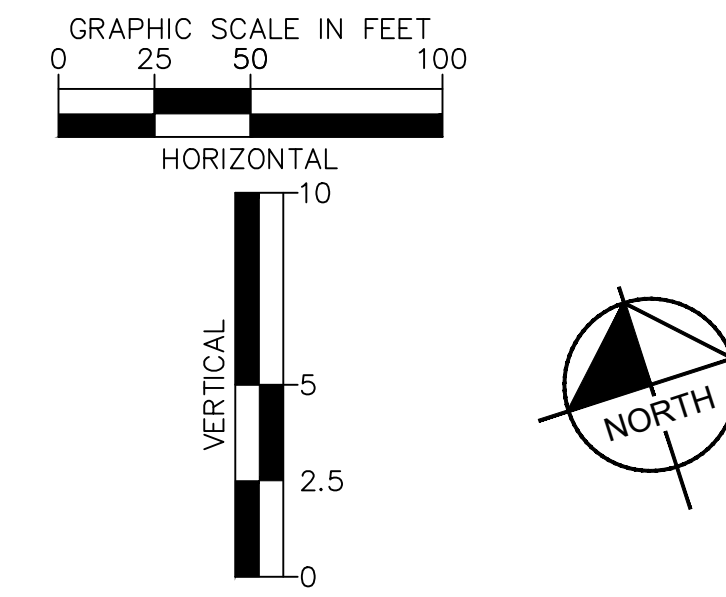
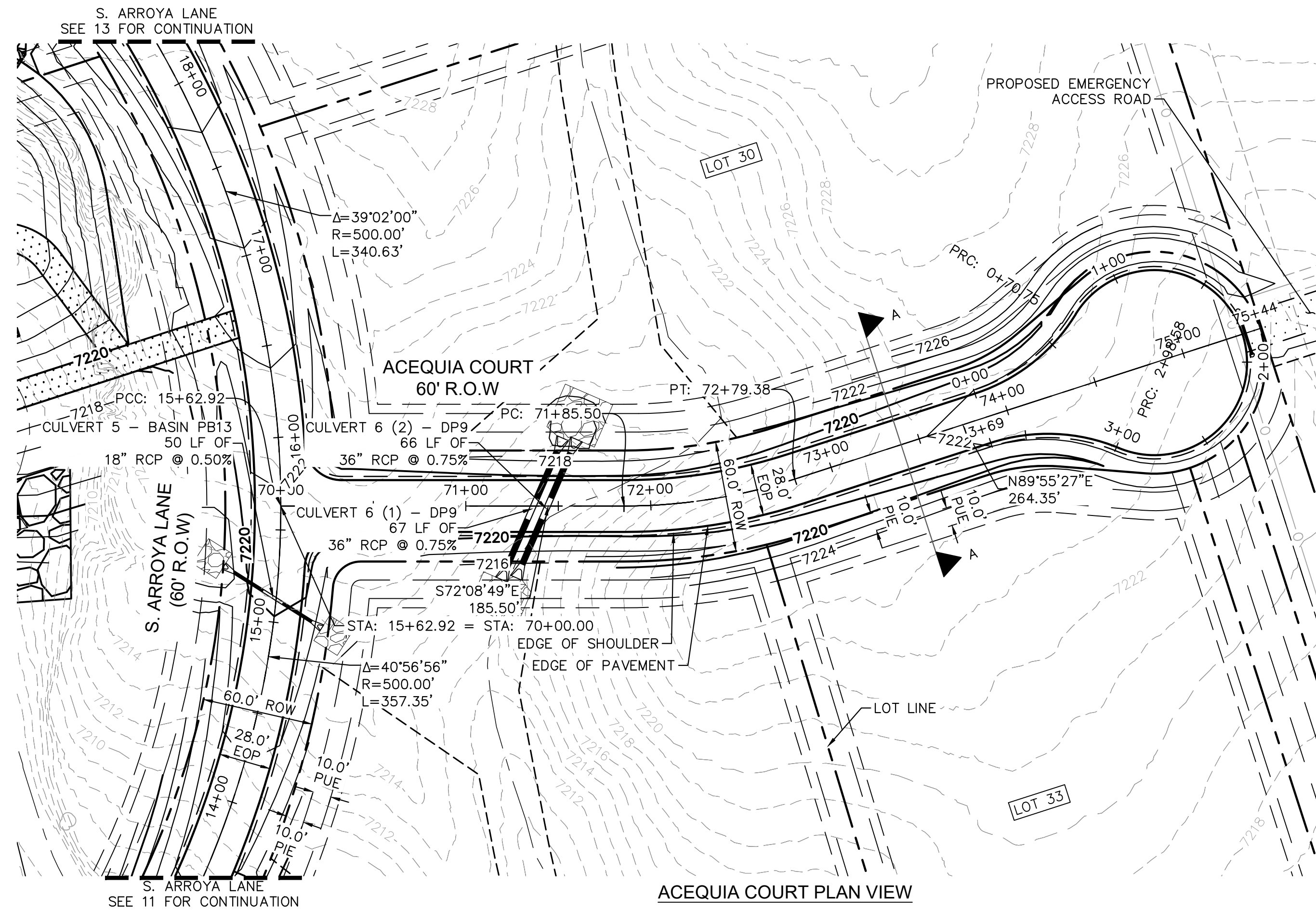
NOTES

- SEE SHEET 2 FOR TYPICAL ROADWAY SECTIONS AND ROADSIDE DITCH CONFIGURATIONS AS LABELED IN PLAN VIEW.
- PIE = PUBLIC IMPROVEMENT EASEMENT
- PUE = PUBLIC UTILITY EASEMENT



<p>Kimley-Horn 2022 KIMLEY-HORN AND ASSOCIATES, INC. 2 North Nevada Avenue Suite 900 Colorado Springs, Colorado 80903 (719) 453-0180</p>	<p>DESIGNED BY: MJK DRAWN BY: MJK CHECKED BY: KRK DATE: 12/23/2023</p>
<p>EAGLEVIEW EL PASO COUNTY, COLORADO CONSTRUCTION DOCUMENTS PRESA LN. & CHAMITA TRAIL PLAN AND PROFILE</p>	<p>NO. _____ BY _____ DATE _____ REVISION _____</p>
<p>PRELIMINARY FOR REVIEW ONLY NOT FOR CONSTRUCTION</p>	<p>PROJECT NO. 196106001</p>
<p>SHEET 14</p>	<p>DATE _____</p>

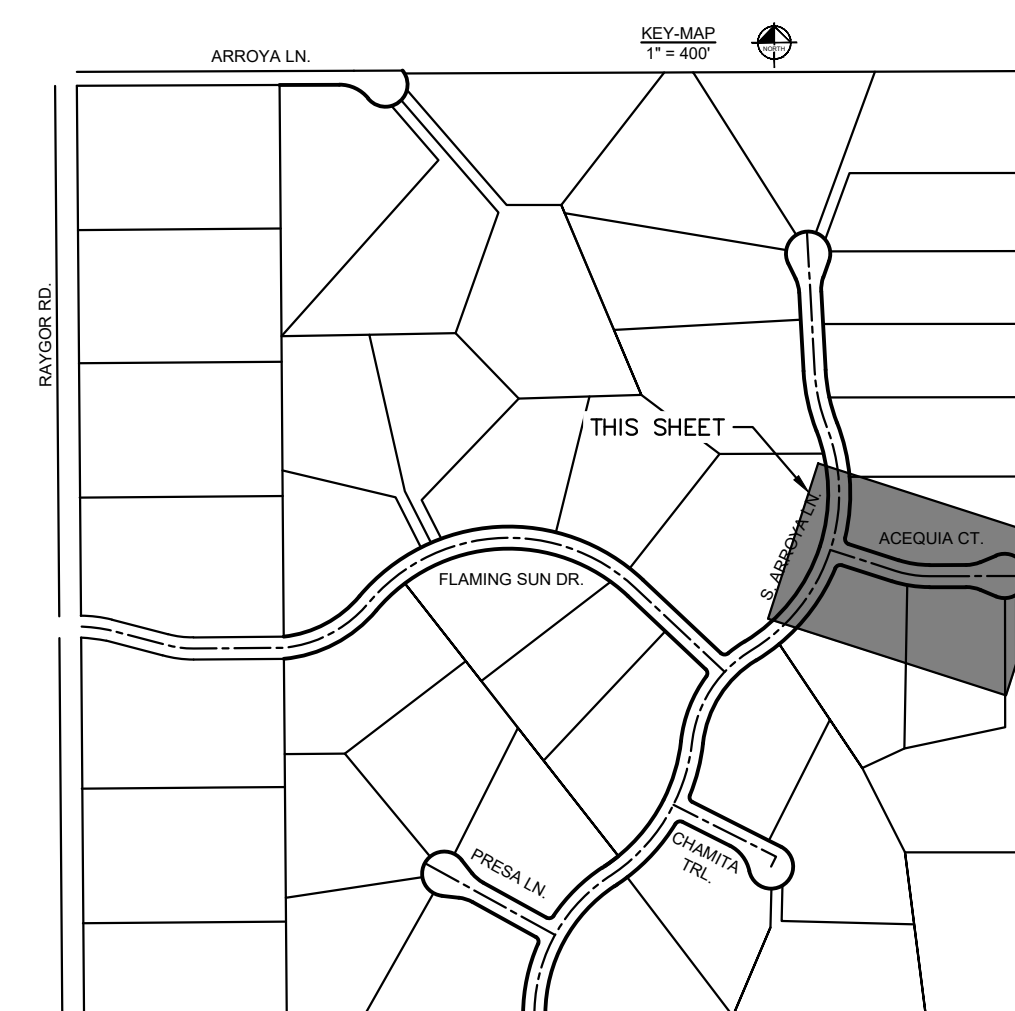
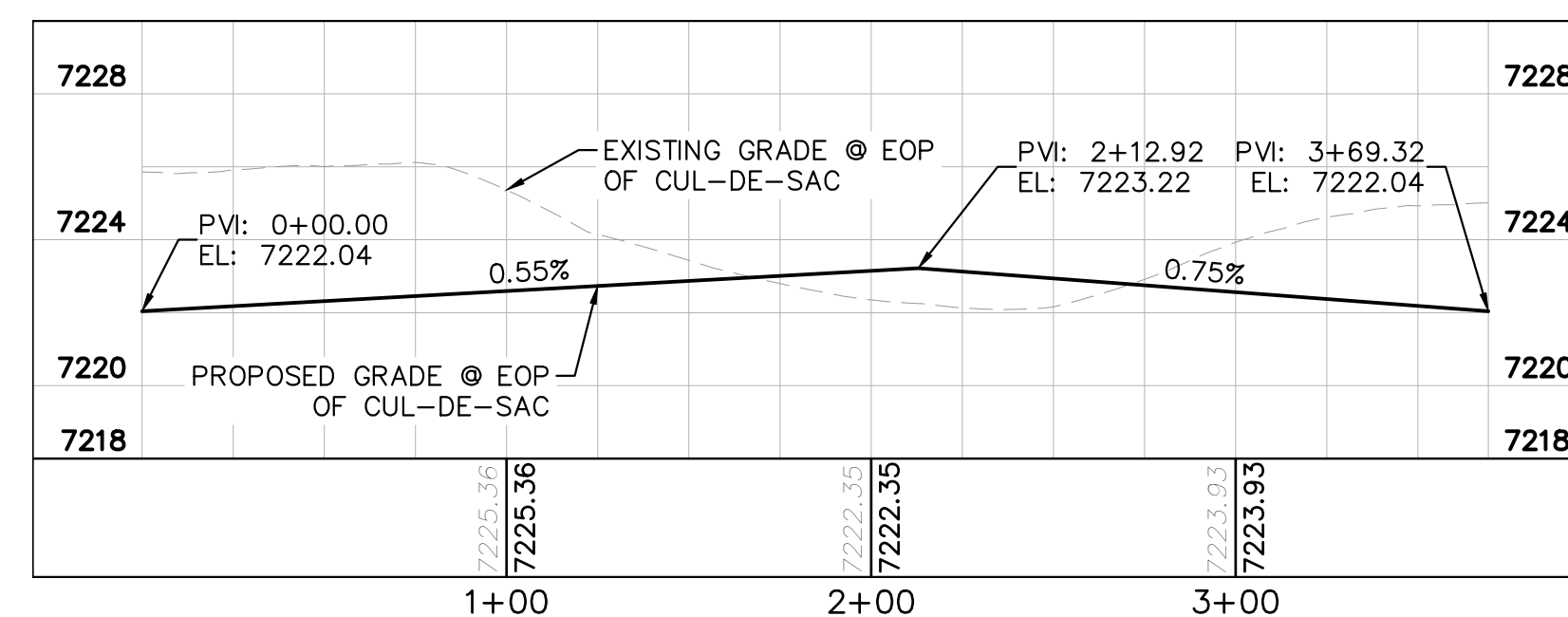
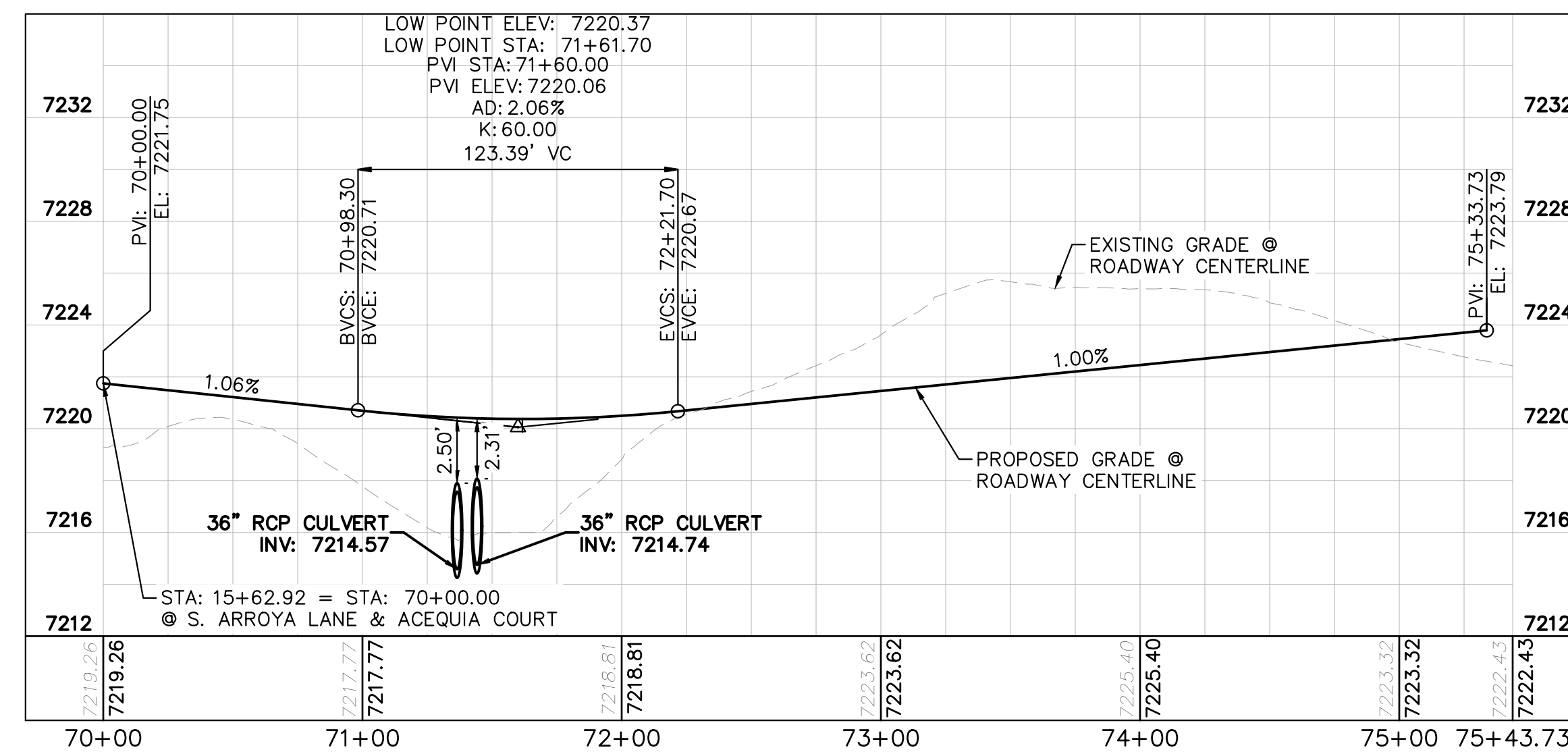
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- LEGEND**
- PROPERTY/LOT LINE
 - ROW LINE
 - UTILITY EASEMENT LINE
 - LOT # LOT NUMBER
 - x-x- PROPOSED DRAINAGE EASEMENT
 - ▲▲ CROSS SECTION (SEE SHEET 2)
 - PROPOSED CULVERT
 - EXISTING CULVERT
 - 7XXX- EXISTING MAJOR CONTOUR
 - 7XXX- EXISTING MINOR CONTOUR
 - 7XXX PROPOSED MAJOR CONTOUR
 - 7XXX PROPOSED MINOR CONTOUR
 - PROPOSED EDGE OF PAVEMENT
 - PROPOSED EDGE OF SHOULDER

NOTES

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2. PIE = PUBLIC IMPROVEMENT EASEMENT
3. PUE = PUBLIC UTILITY EASEMENT



NO.	REVISION	BY	DATE	APPR.

Kimley»Horn
 2022 KIMLEY-HORN AND ASSOCIATES, INC.
 2 North Nevada Avenue Suite 900
 Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: MJK
 DRAWN BY: MJK
 CHECKED BY: KRK
 DATE: 12/23/2023

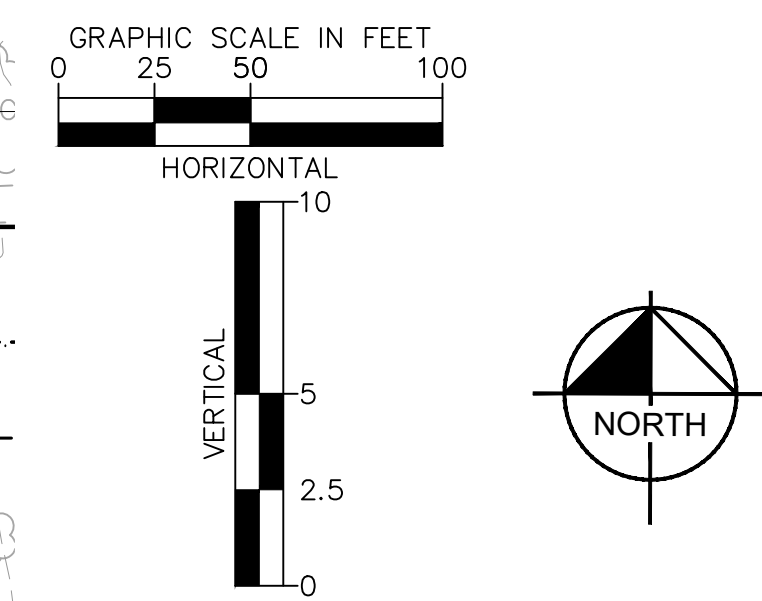
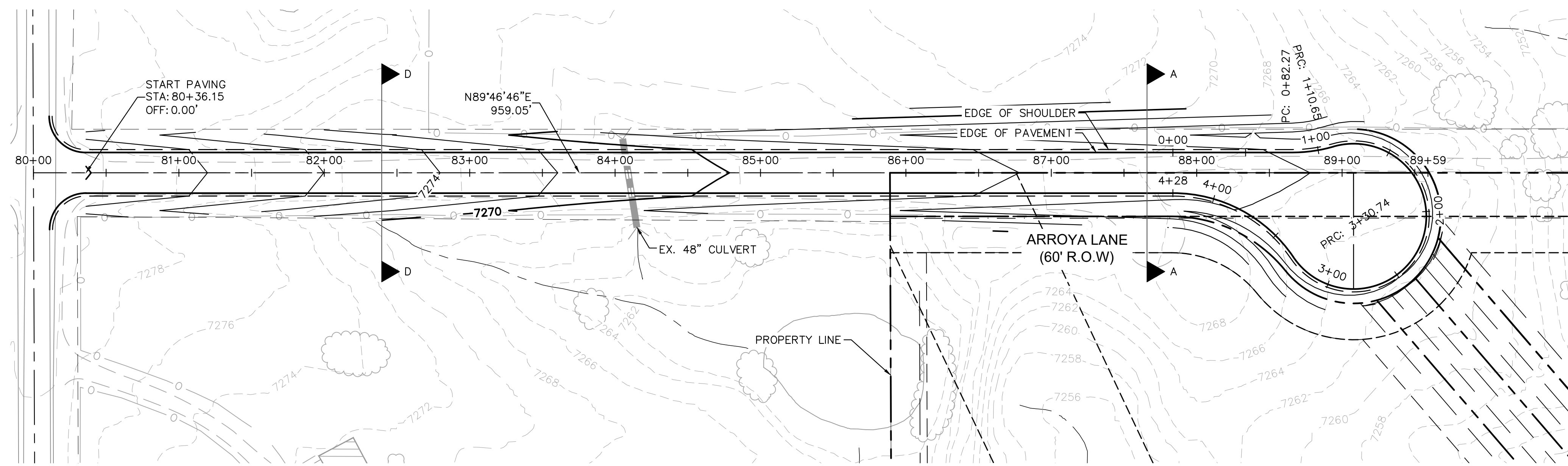
EAGLEVIEW
 EL PASO COUNTY, COLORADO
 CONSTRUCTION DOCUMENTS
 ACEQUIA CT. PLAN AND PROFILE

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 Kimley-Horn and Associates, Inc.

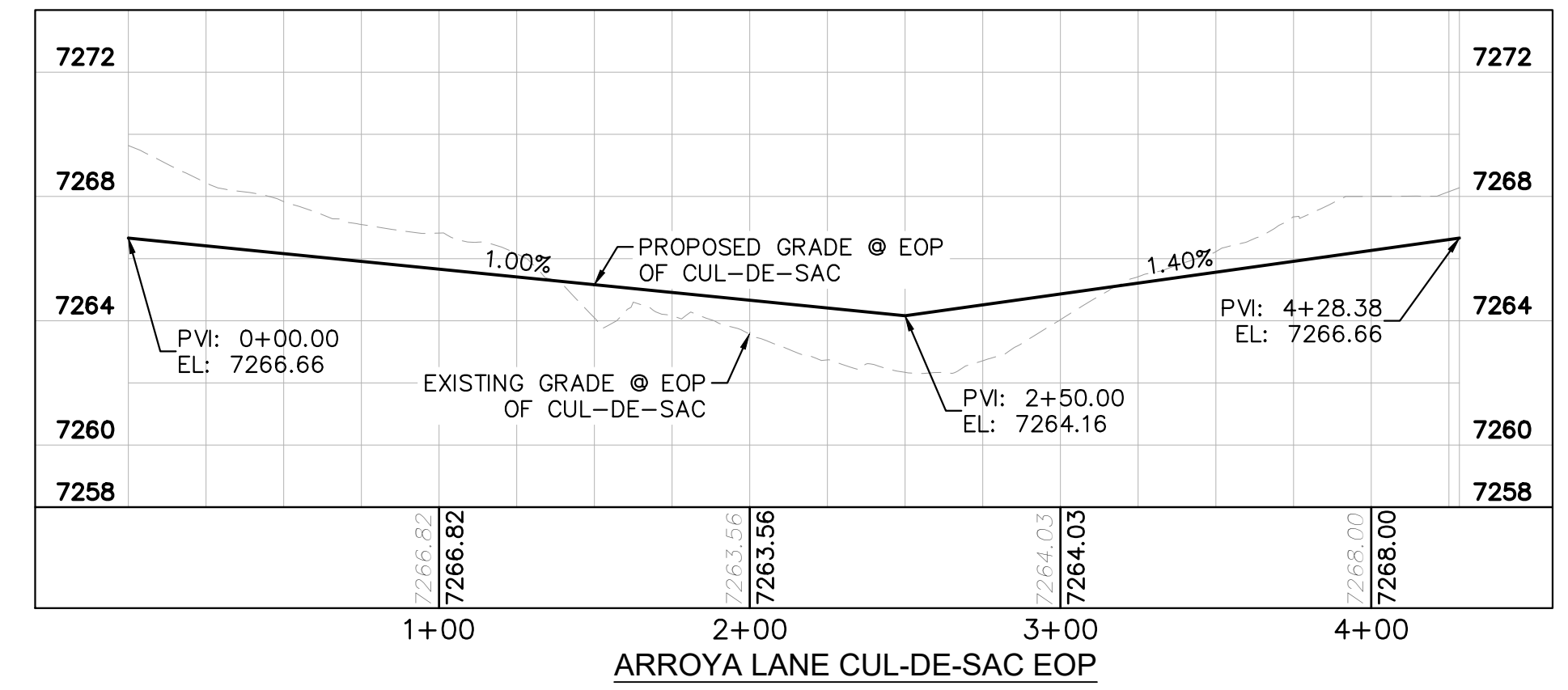
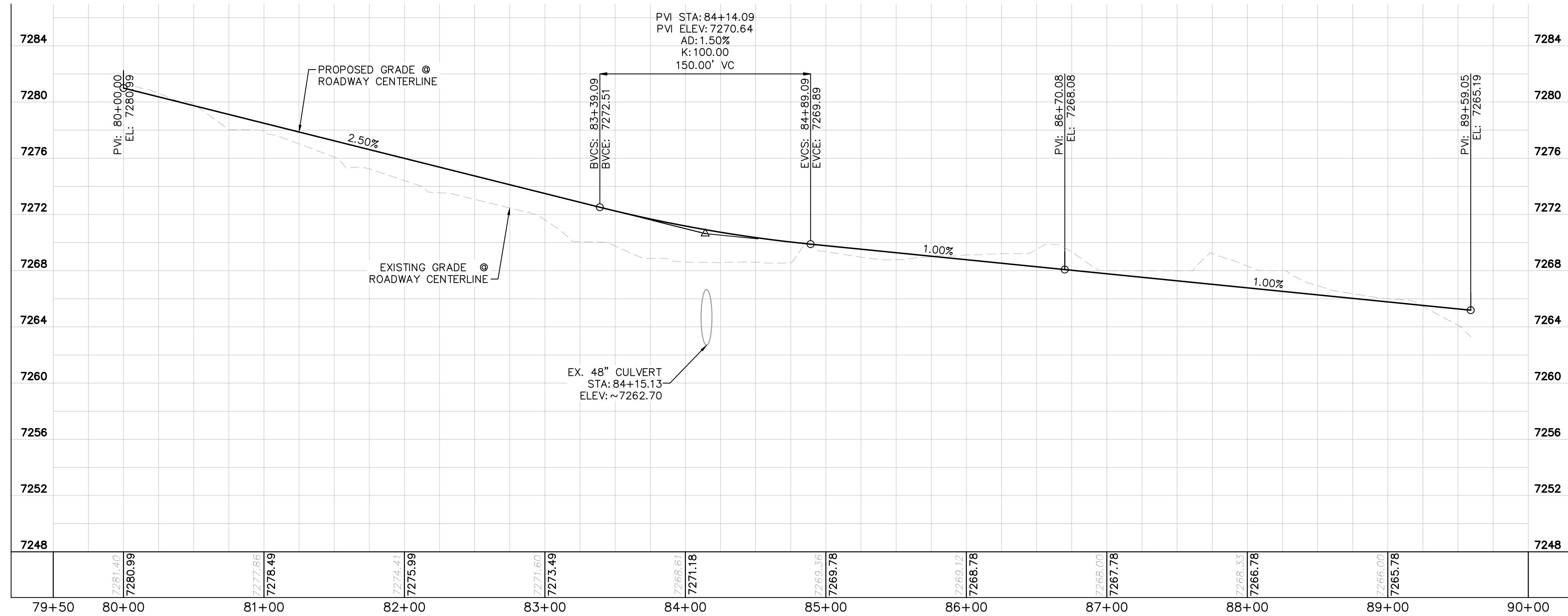
PROJECT NO.
 196106001

SHEET
 15

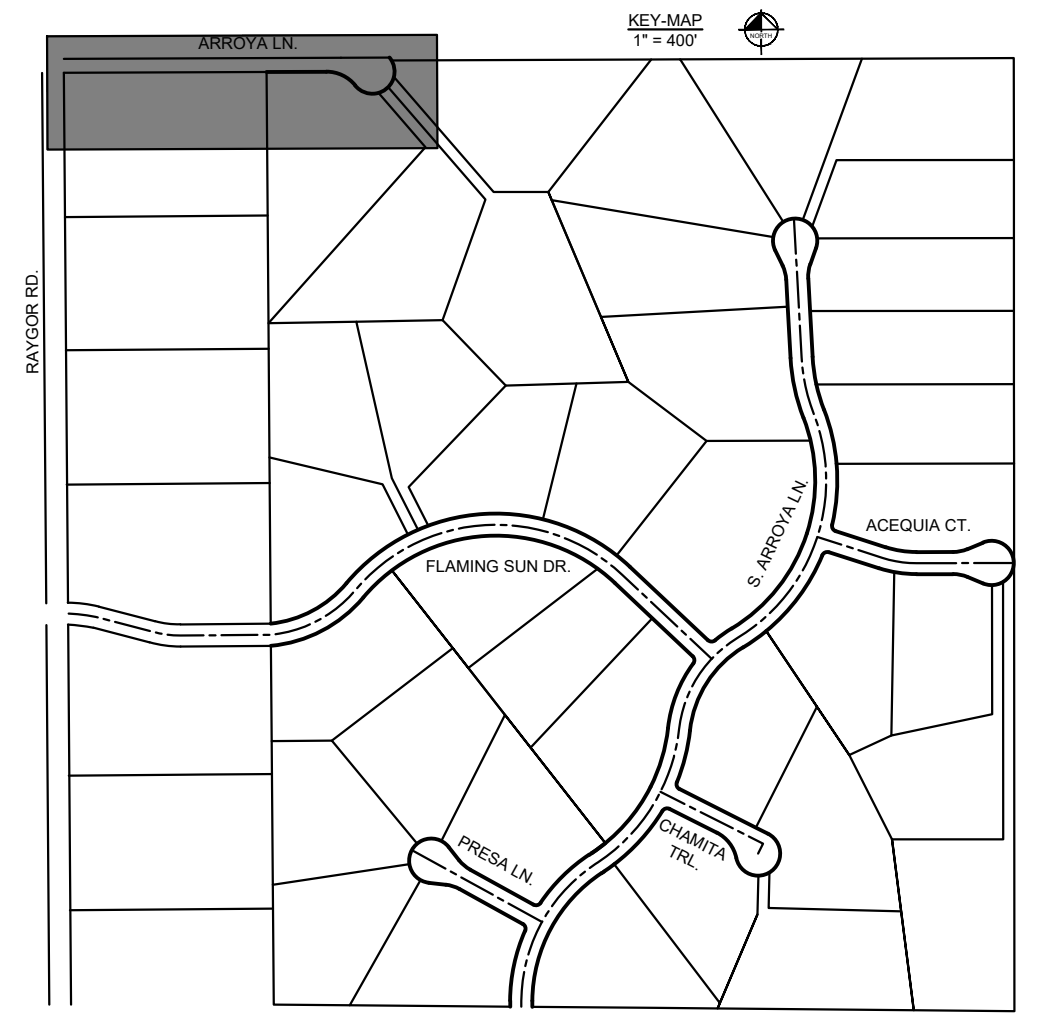
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- LEGEND
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 - ROW LINE
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 - 7XXX PROPOSED MAJOR CONTOUR
 - 7XXX PROPOSED MINOR CONTOUR
 - PROPOSED EDGE OF PAVEMENT
 - PROPOSED EDGE OF SHOULDER



- NOTES
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REVISION _____

Kimley»Horn
2022 KIMLEY-HORN AND ASSOCIATES, INC.
2 North Nevada Avenue Suite 900
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: MJK
DRAWN BY: MJK
CHECKED BY: KRK
DATE: 12/23/2023

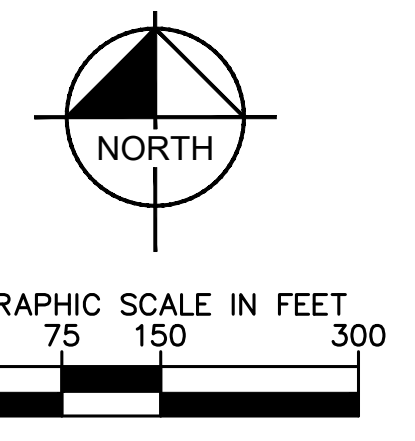
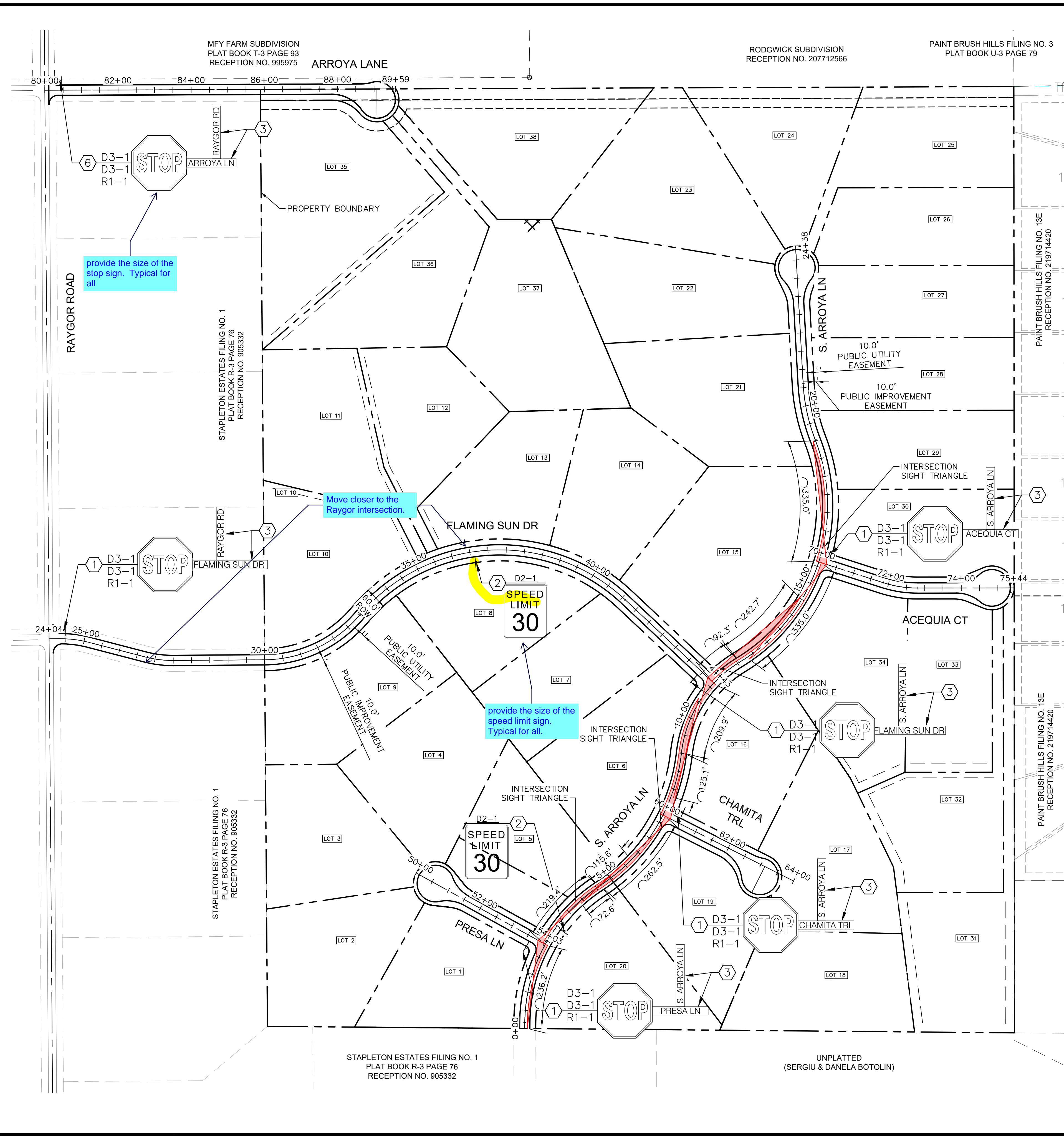
EAGLEVIEW
EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
ARROYA LN. PLAN AND PROFILE

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PROJECT NO.
196106001

SHEET
16

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LEGEND

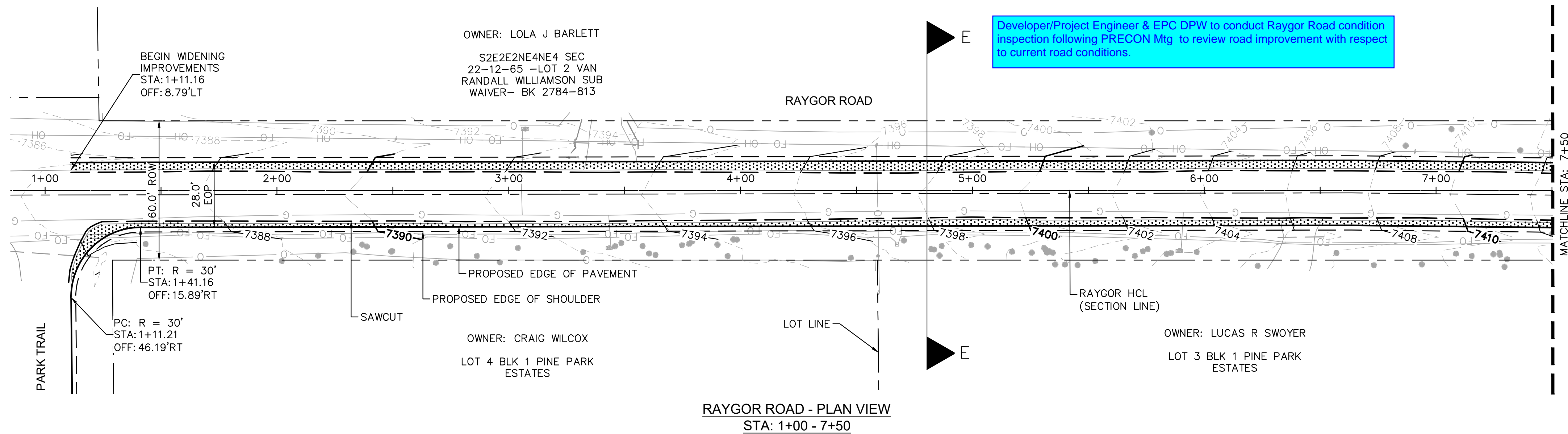
	PROPERTY LINE
	PROPOSED EASEMENT
	SIGHT TRIANGLE
	PROPOSED ROADWAY SIGN
	PROPOSED R1-1 SIGN
	PROPOSED D2-1 SIGN
	PROPOSED D3-1 SIGN

SIGNING AND STRIPING NOTES

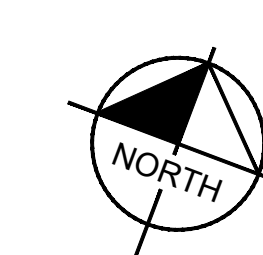
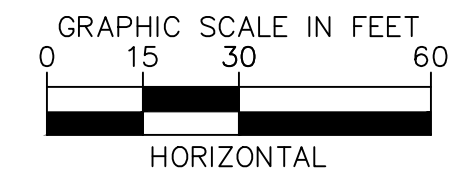
1. ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A METHOD THAT DOES NOT MATERIALLY DAMAGE THE PAVEMENT. THE PAVEMENT MARKINGS SHALL BE REMOVED TO THE EXTENT THAT THEY WILL NOT BE VISIBLE UNDER DAY OR NIGHT CONDITIONS. AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT MARKINGS.
3. ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT.
4. ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLAN SHALL BE NEW SIGNS. EXISTING SIGNS MAY REMAIN OR BE REUSED IF THEY MEET CURRENT EL PASO COUNTY AND MUTCD STANDARDS.
5. STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT INTERSECTIONS.
6. ALL REMOVED SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR.
7. ALL STREET NAME SIGNS SHALL HAVE "D" SERIES LETTERS, WITH LOCAL ROADWAY SIGNS BEING 4" UPPER-LOWER CASE LETTERING ON 8" BLANK AND NON-LOCAL ROADWAY SIGNS BEING 6" LETTERING, UPPER-LOWER CASE ON 12" BLANK, WITH A WHITE BORDER THAT IS NOT RECESSED. MULTI-LANE ROADWAYS WITH SPEED LIMITS OF 40 MPH OR HIGHER SHALL HAVE 8" UPPER-LOWER CASE LETTERING ON 18" BLANK WITH A WHITE BORDER THAT IS NOT RECESSED. THE WIDTH OF THE NON-RECESSED WHITE BORDERS SHALL MATCH PAGE 255 OF THE 2012 MUTCD "STANDARD HIGHWAY SIGNS".
8. ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
9. ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75" X 1.75" SQUARE TUBE SIGN POST AND STUB POST BASE. FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD S-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SLIPBASE DESIGN.
10. ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
11. ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS SHALL BE A MINIMUM 125 MIL THICKNESS PREFORMED THERMOPLASTIC PAVEMENT MARKINGS WITH TAPERED LEADING EDGES PER CDOT STANDARD S-627-1. WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALKS LINES SHALL BE 12" WIDE AND 8' LONG PER CDOT S-627-1.
12. ALL LONGITUDINAL LINES SHALL BE A MINIMUM 15MIL THICKNESS EPOXY PAINT. ALL NON-LOCAL RESIDENTIAL ROADWAYS SHALL INCLUDE BOTH RIGHT AND LEFT EDGE LINE STRIPING AND ANY ADDITIONAL STRIPING AS REQUIRED BY CDOT S-627-1.
13. THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (719) 520-6819 PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING.
14. THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS (DPW) PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.

<p>Kimley»Horn 2022 KIMLEY-HORN AND ASSOCIATES, INC. 2 North Nevada Avenue Suite 300 Colorado Springs, Colorado 80903 (719) 453-0180</p>	<p>DESIGNED BY: MK DRAWN BY: RS CHECKED BY: KK DATE: 12/06/2022</p>
<p>EAGLEVIEW EL PASO COUNTY, COLORADO PRE DEVELOPMENT GESC PLAN ON-SITE STRIPING & SIGNAGE PLAN</p>	<p>PRELIMINARY FOR REVIEW ONLY NOT FOR CONSTRUCTION</p>
<p>PROJECT NO. 196288000</p>	<p>SHEET 17</p>

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RAYGOR ROAD - PLAN VIEW
STA: 1+00 - 7+50



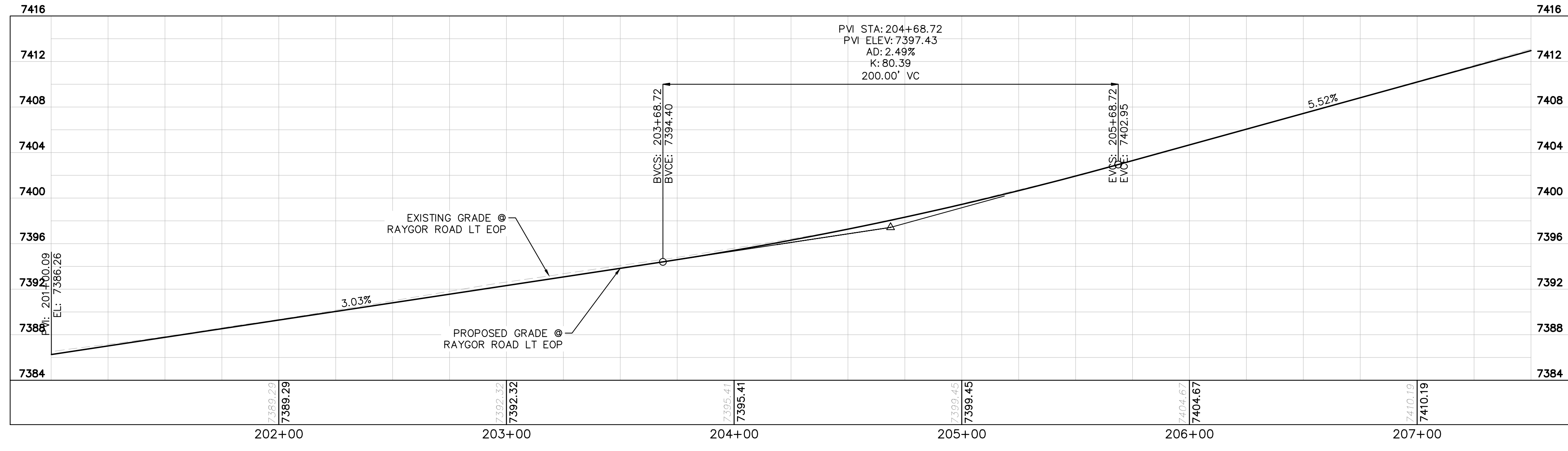
LEGEND

- PROPERTY/LOT LINE
- ROW LINE
- UTILITY EASEMENT LINE
- LOT # LOT NUMBER
- PROPOSED DRAINAGE EASEMENT
- ▲ CROSS SECTION (SEE SHEET 2)
- PROPOSED CULVERT
- EXISTING CULVERT
- 7XXX- EXISTING MAJOR CONTOUR
- 7XXX- EXISTING MINOR CONTOUR
- 7XXX PROPOSED MAJOR CONTOUR
- 7XXX PROPOSED MINOR CONTOUR
- SAWCUT
- PROPOSED EDGE OF PAVEMENT
- PROPOSED EDGE OF SHOULDER
- PROPOSED ASPHALT PAVEMENT

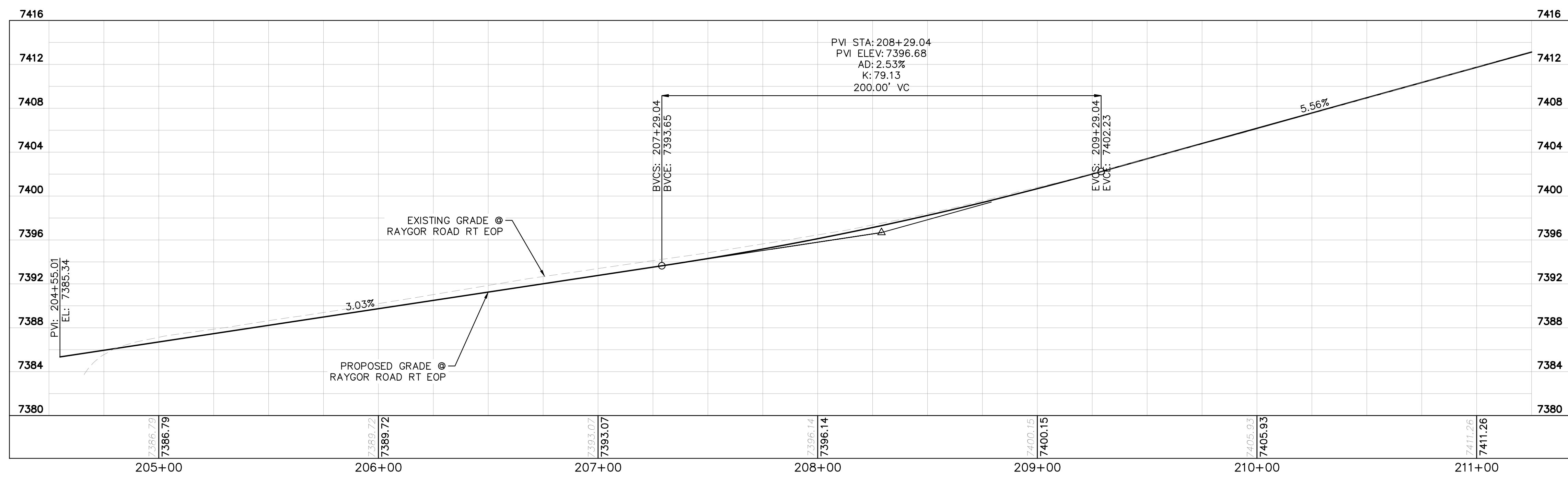
NOTES

1. SEE SHEET 3 FOR TYPICAL ROADWAY SECTIONS AND ROADSIDE DITCH CONFIGURATIONS AS LABELED IN PLAN VIEW.
2. PIE = PUBLIC IMPROVEMENT EASEMENT
3. PUE = PUBLIC UTILITY EASEMENT
4. WIDENING TO CARRY OUT EXISTING GRADE @ RAYGOR CL, AND CROWNED SECTION WITH 2% SLOPE

RAYGOR ROAD - LT EOP PROFILE VIEW
STA: 1+00 - 7+50
(201+00 - 207+50)



RAYGOR ROAD - RT EOP PROFILE VIEW
STA: 1+00 - 7+50
(204+50 - 211+25)



NO.	REVISION	BY	DATE	APPR.

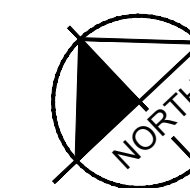
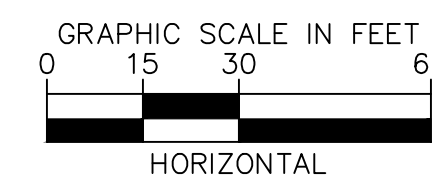
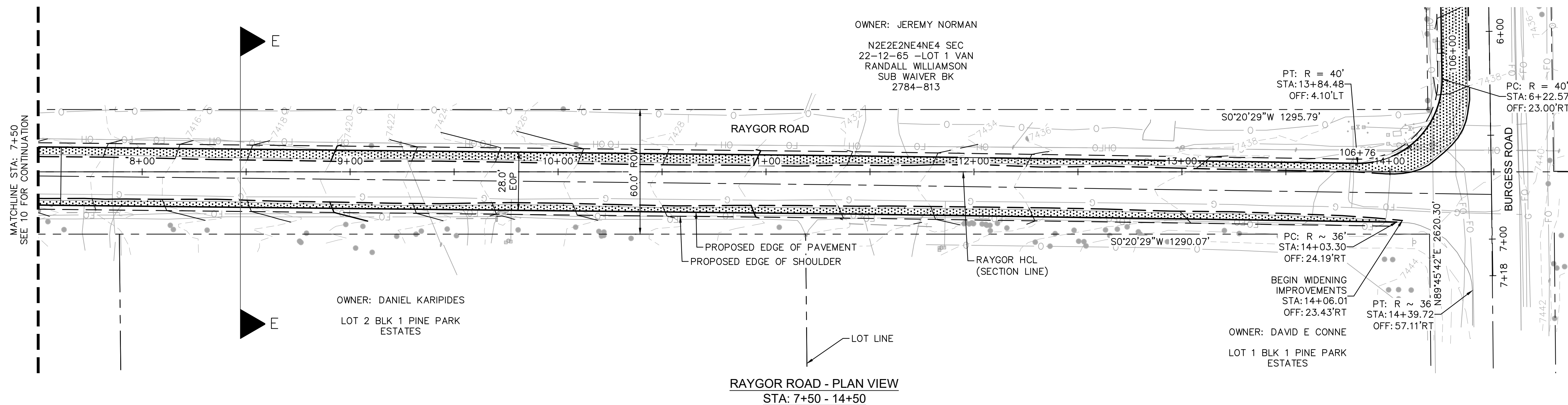
Kimley»Horn
 2022 KIMLEY-HORN AND ASSOCIATES, INC.
 2 North Nevada Avenue Suite 900
 Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: MJK
 DRAWN BY: MJK
 CHECKED BY: KRK
 DATE: 12/23/2023

EAGLEVIEW
 EL PASO COUNTY, COLORADO
 CONSTRUCTION DOCUMENTS
 RAYGOR PLAN AND PROFILE

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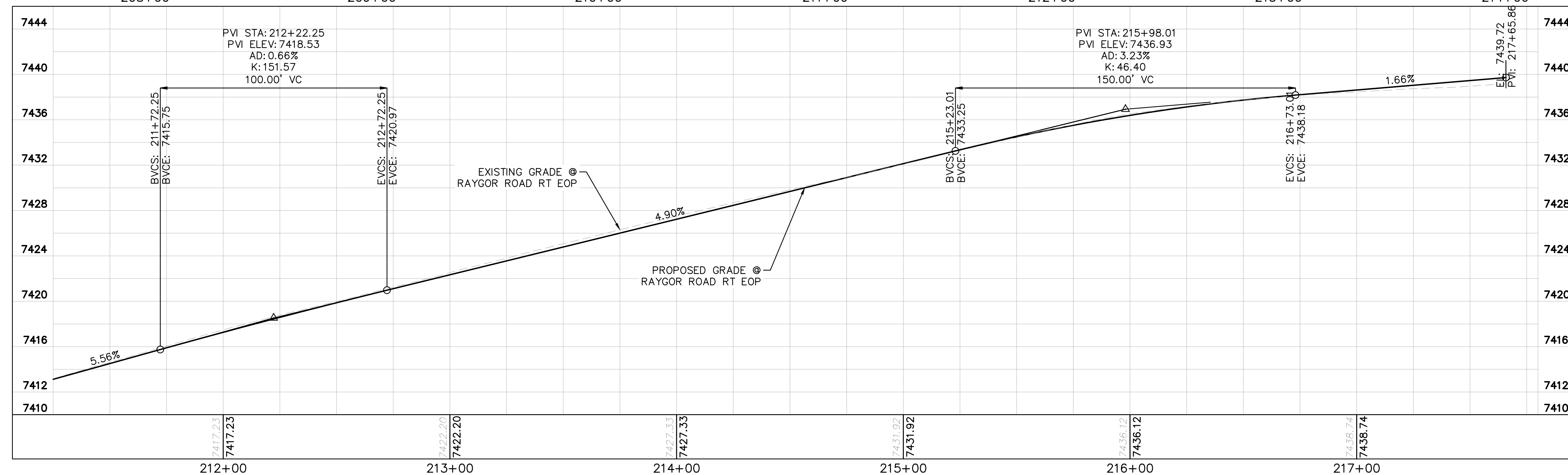
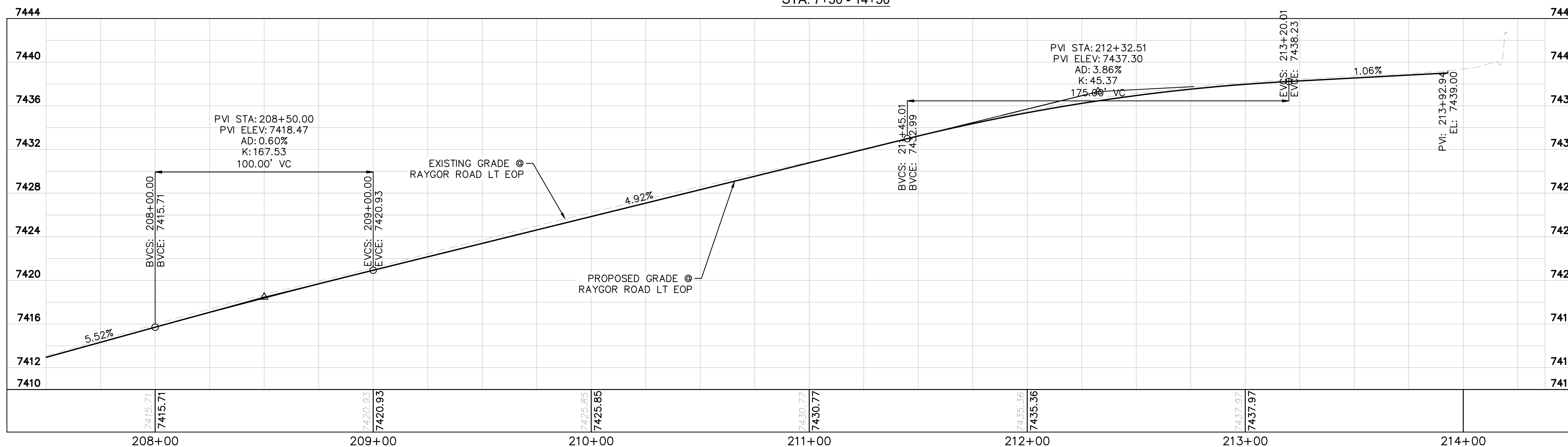


LEGEND

- PROPERTY/LOT LINE
- ROW LINE
- UTILITY EASEMENT LINE
- LOT # LOT NUMBER
- PROPOSED DRAINAGE EASEMENT
- X X CROSS SECTION (SEE SHEET 2)
- PROPOSED CULVERT
- EXISTING CULVERT
- 7XXX- EXISTING MAJOR CONTOUR
- 7XXX- EXISTING MINOR CONTOUR
- 7XXX PROPOSED MAJOR CONTOUR
- 7XXX PROPOSED MINOR CONTOUR
- SAWCUT
- PROPOSED EDGE OF PAVEMENT
- PROPOSED EDGE OF SHOULDER
- PROPOSED ASPHALT PAVEMENT

NOTES

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2022 KIMLEY-HORN AND ASSOCIATES, INC.
2 North Nevada Avenue Suite 900
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: MJK
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DATE: 12/23/2023

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EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
RAYGOR PLAN AND PROFILE

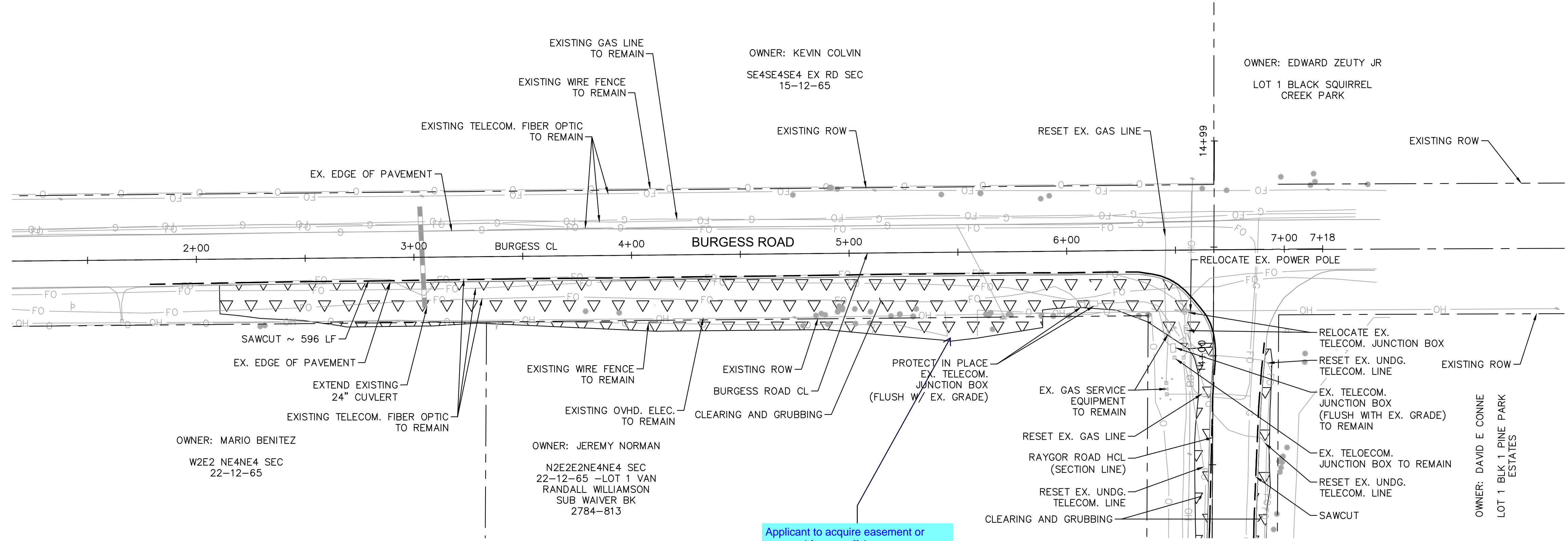
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Kimley-Horn and Associates, Inc.

PROJECT NO.
196106001

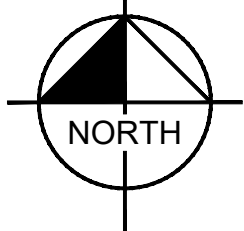
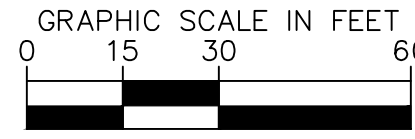
SHEET
21

NO.	REVISION	BY	DATE	APPR.

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Applicant to acquire easement or approval for any offsite improvements/disturbance. Provide a copy to the County.



- LEGEND**
- PROPERTY/LOT LINE
 - - - ROW LINE
 - - - SAWCUT
 - ▬▬▬ EX. CULVERT
 - x — EX. TELECOM. FIBER OPTIC
 - x — EX. GAS LINE
 - — — EX. OVHD ELECTRIC
 - o — EX. WIRE FENCE
 - ▽▽▽▽ CLEARING AND GRUBBING



NO.	REVISION	BY	DATE	APPR.

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 2 North Nevada Avenue Suite 900
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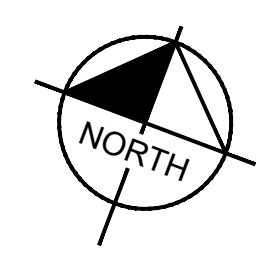
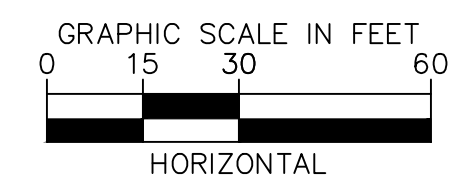
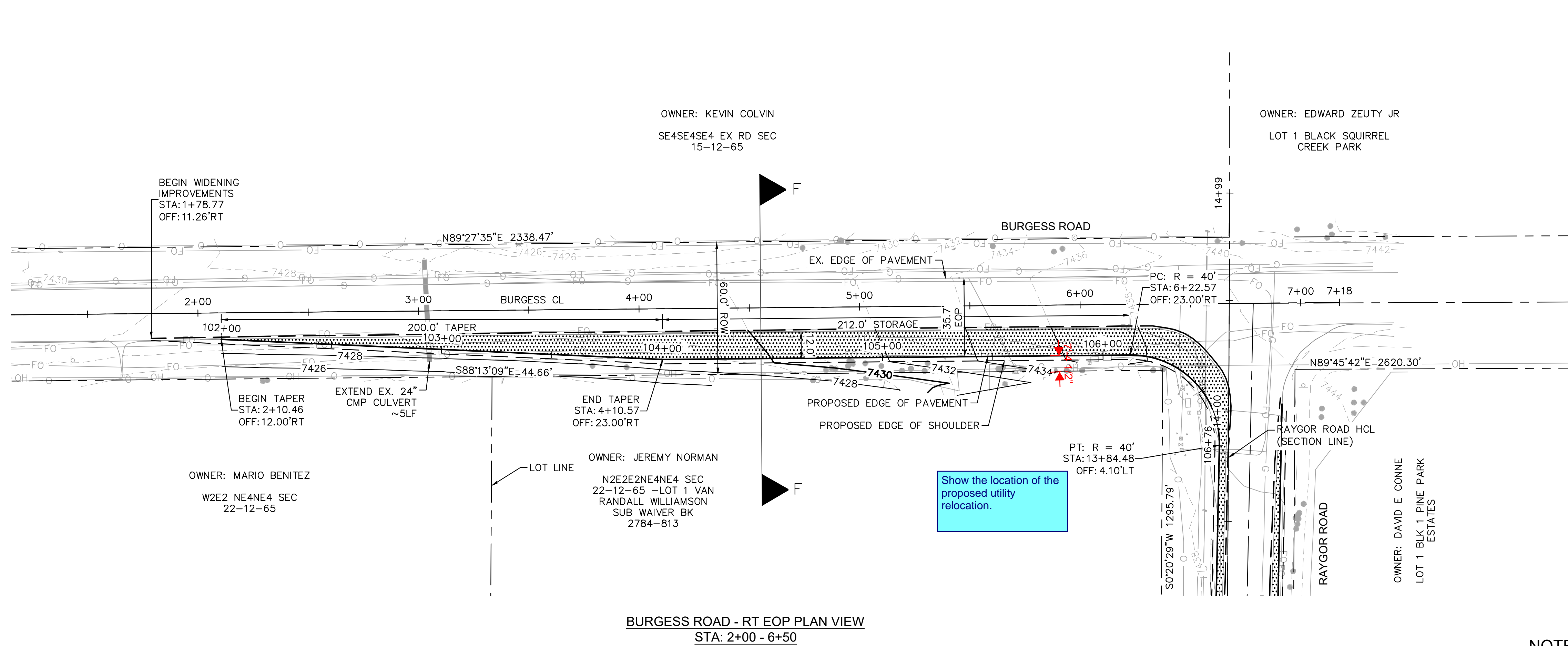
DESIGNED BY: MJK
 DRAWN BY: MJK
 CHECKED BY: KKK
 DATE: 12/23/2023

EAGLEVIEW
 EL PASO COUNTY, COLORADO
 CONSTRUCTION DOCUMENTS
 BURGESS REMOVE AND RESET PLAN

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PROJECT NO.
196106001
 SHEET
22

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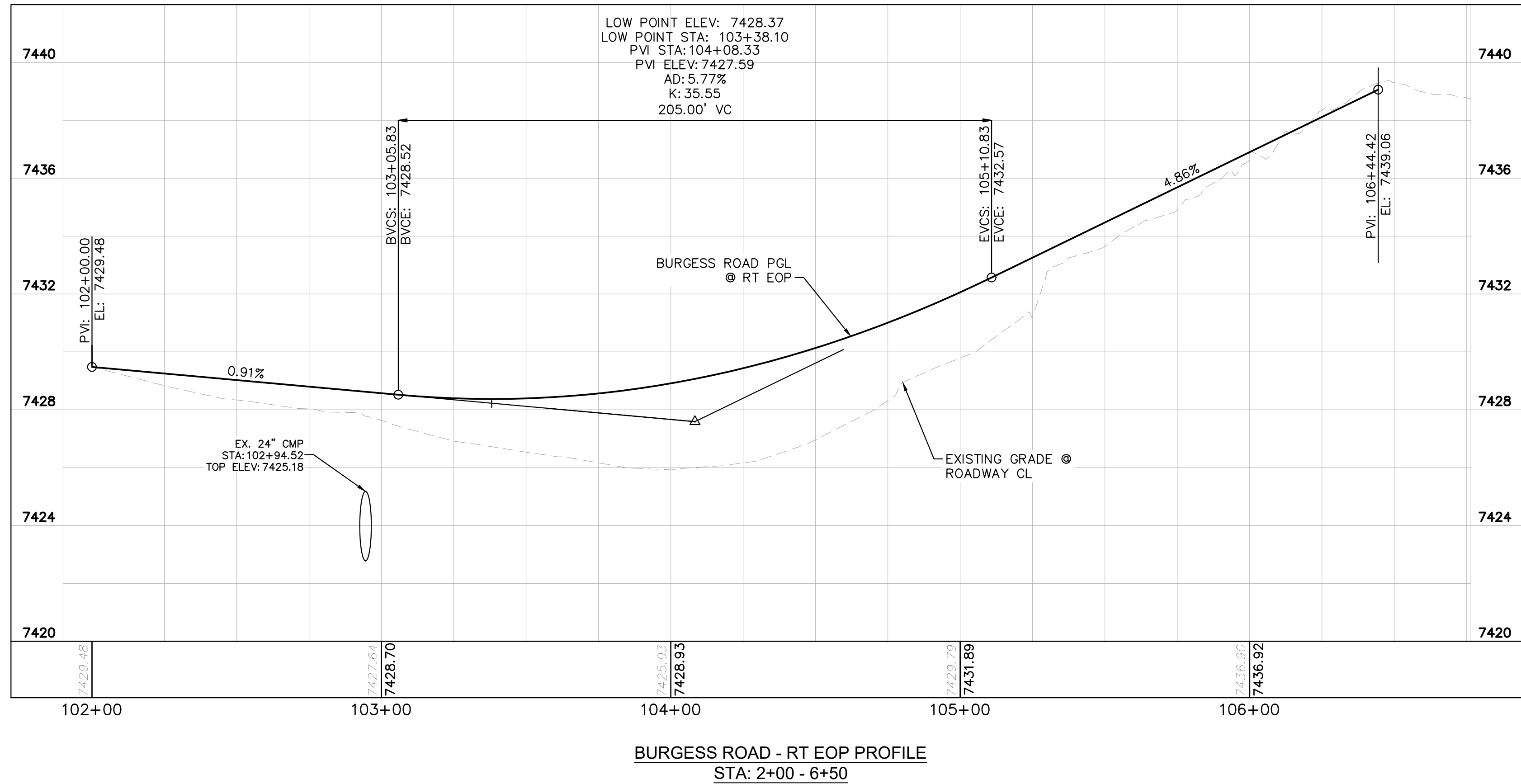


LEGEND

- PROPERTY/LOT LINE
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- LOT # LOT NUMBER
- PROPOSED DRAINAGE EASEMENT
- X X CROSS SECTION (SEE SHEET 2)
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 2022 KIMLEY-HORN AND ASSOCIATES, INC.
 2 North Nevada Avenue Suite 900
 Colorado Springs, Colorado 80903 (719) 453-0180

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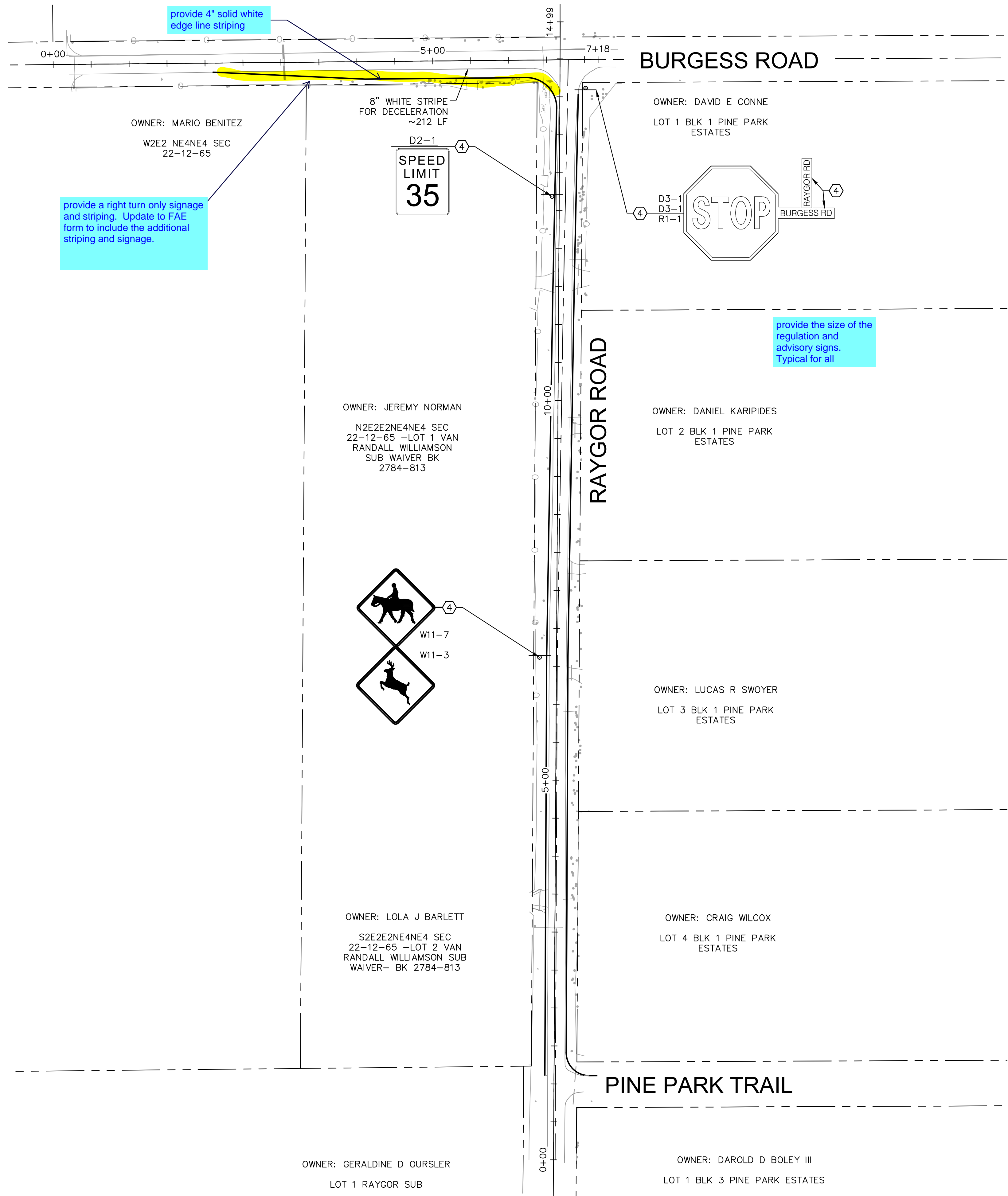
EAGLEVIEW
 EL PASO COUNTY, COLORADO
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 BURGESS PLAN AND PROFILE

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 Kimley-Horn and Associates, Inc.

PROJECT NO.
 196106001

SHEET
 23

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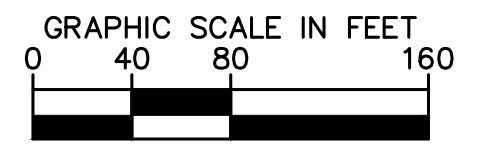
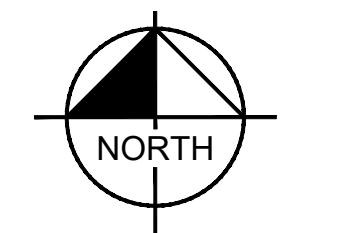


provide 4" solid white edge line striping

provide a right turn only signage and striping. Update to FAE form to include the additional striping and signage.

provide the size of the regulation and advisory signs. Typical for all

Provide typical ground sign placement detail.



LEGEND

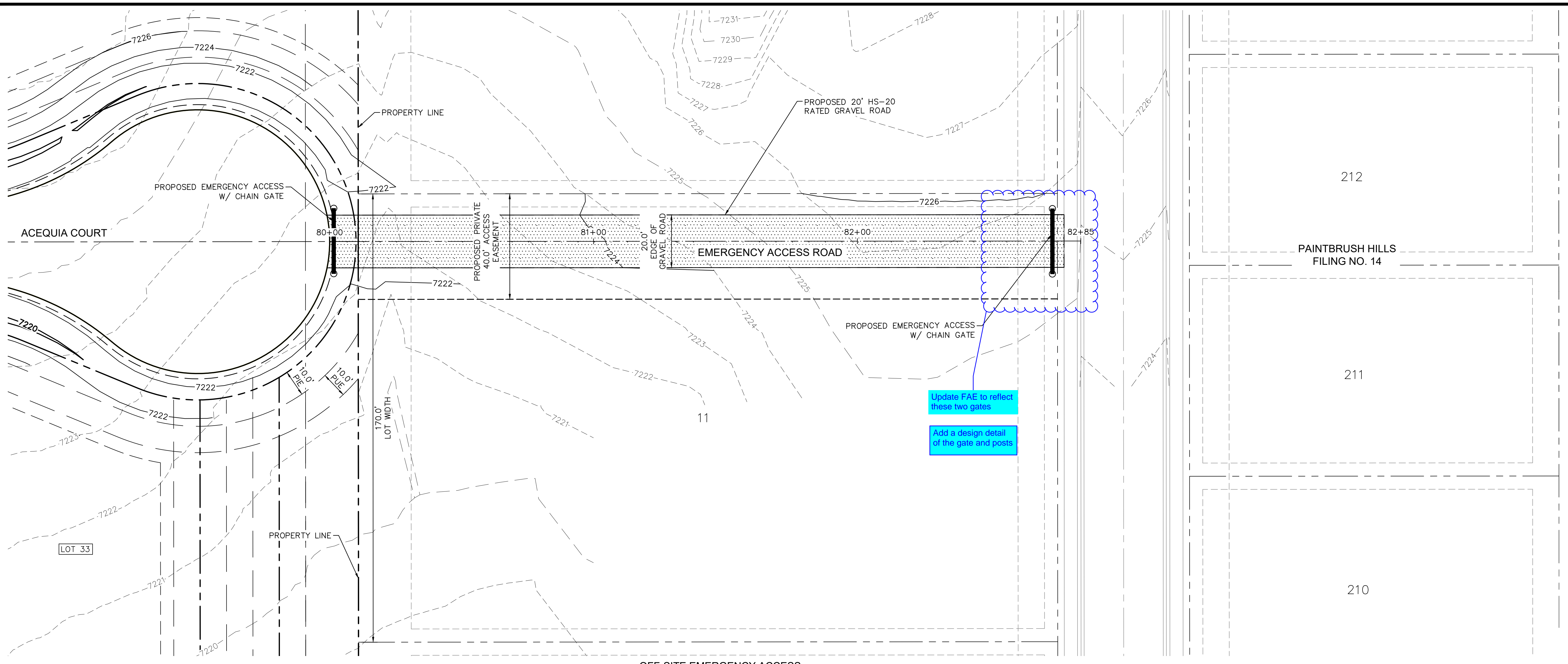
- PROPERTY LINE
- - - PROPOSED EASEMENT
- ↑ PROPOSED ROADWAY SIGN
- ① PROPOSED R1-1 SIGN
- ② PROPOSED D2-1 SIGN
- ③ PROPOSED D3-1 SIGN
- ④ EXISTING SIGN TO BE RESET

SIGNING AND STRIPING NOTES

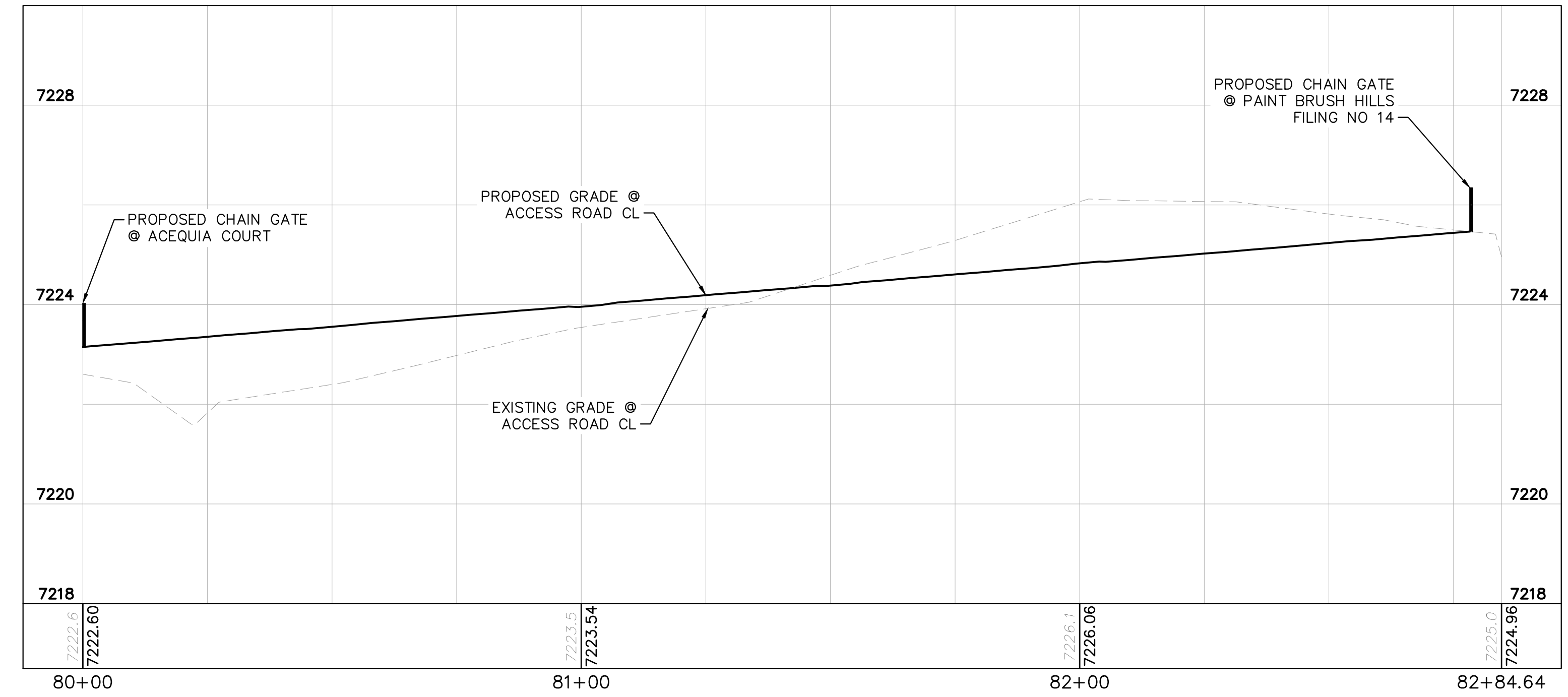
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2. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A METHOD THAT DOES NOT MATERIALLY DAMAGE THE PAVEMENT. THE PAVEMENT MARKINGS SHALL BE REMOVED TO THE EXTENT THAT THEY WILL NOT BE VISIBLE UNDER DAY OR NIGHT CONDITIONS. AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT MARKINGS.
3. ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT.
4. ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLAN SHALL BE NEW SIGNS. EXISTING SIGNS MAY REMAIN OR BE REUSED IF THEY MEET CURRENT EL PASO COUNTY AND MUTCD STANDARDS.
5. STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT INTERSECTIONS.
6. ALL REMOVED SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR.
7. ALL STREET NAME SIGNS SHALL HAVE "D" SERIES LETTERS, WITH LOCAL ROADWAY SIGNS BEING 4" UPPER-LOWER CASE LETTERING ON 8" BLANK AND NON-LOCAL ROADWAY SIGNS BEING 6" LETTERING, UPPER-LOWER CASE ON 12" BLANK, WITH A WHITE BORDER THAT IS NOT RECESSED. MULTI-LANE ROADWAYS WITH SPEED LIMITS OF 40 MPH OR HIGHER SHALL HAVE 8" UPPER-LOWER CASE LETTERING ON 18" BLANK WITH A WHITE BORDER THAT IS NOT RECESSED. THE WIDTH OF THE NON-RECESSED WHITE BORDERS SHALL MATCH PAGE 255 OF THE 2012 MUTCD "STANDARD HIGHWAY SIGNS"
8. ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
9. ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75" X 1.75" SQUARE TUBE SIGN POST AND STUB POST BASE. FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD S-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SLIPBASE DESIGN.
10. ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
11. ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS SHALL BE A MINIMUM 125 MIL THICKNESS PREFORMED THERMOPLASTIC PAVEMENT MARKINGS WITH TAPERED LEADING EDGES PER CDOT STANDARD S-627-1. WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALKS LINES SHALL BE 12" WIDE AND 8' LONG PER CDOT S-627-1.
12. ALL LONGITUDINAL LINES SHALL BE A MINIMUM 15MIL THICKNESS EPOXY PAINT. ALL NON-LOCAL RESIDENTIAL ROADWAYS SHALL INCLUDE BOTH RIGHT AND LEFT EDGE LINE STRIPING AND ANY ADDITIONAL STRIPING AS REQUIRED BY CDOT S-627-1.
13. THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (719) 520-6819 PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING.
14. THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS (DPW) PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.

	NO. _____		DATE _____
	REVISION _____		BY _____
<p>DESIGNED BY: MK DRAWN BY: RS CHECKED BY: KK DATE: 12/06/2022</p>			
<p>EAGLEVIEW EL PASO COUNTY, COLORADO PRE DEVELOPMENT GESC PLAN OFF-SITE STRIPING & SIGNAGE PLAN</p>			
<p>PRELIMINARY FOR REVIEW ONLY NOT FOR CONSTRUCTION</p>			
<p>PROJECT NO. 196288000</p>			
<p>SHEET 24</p>			

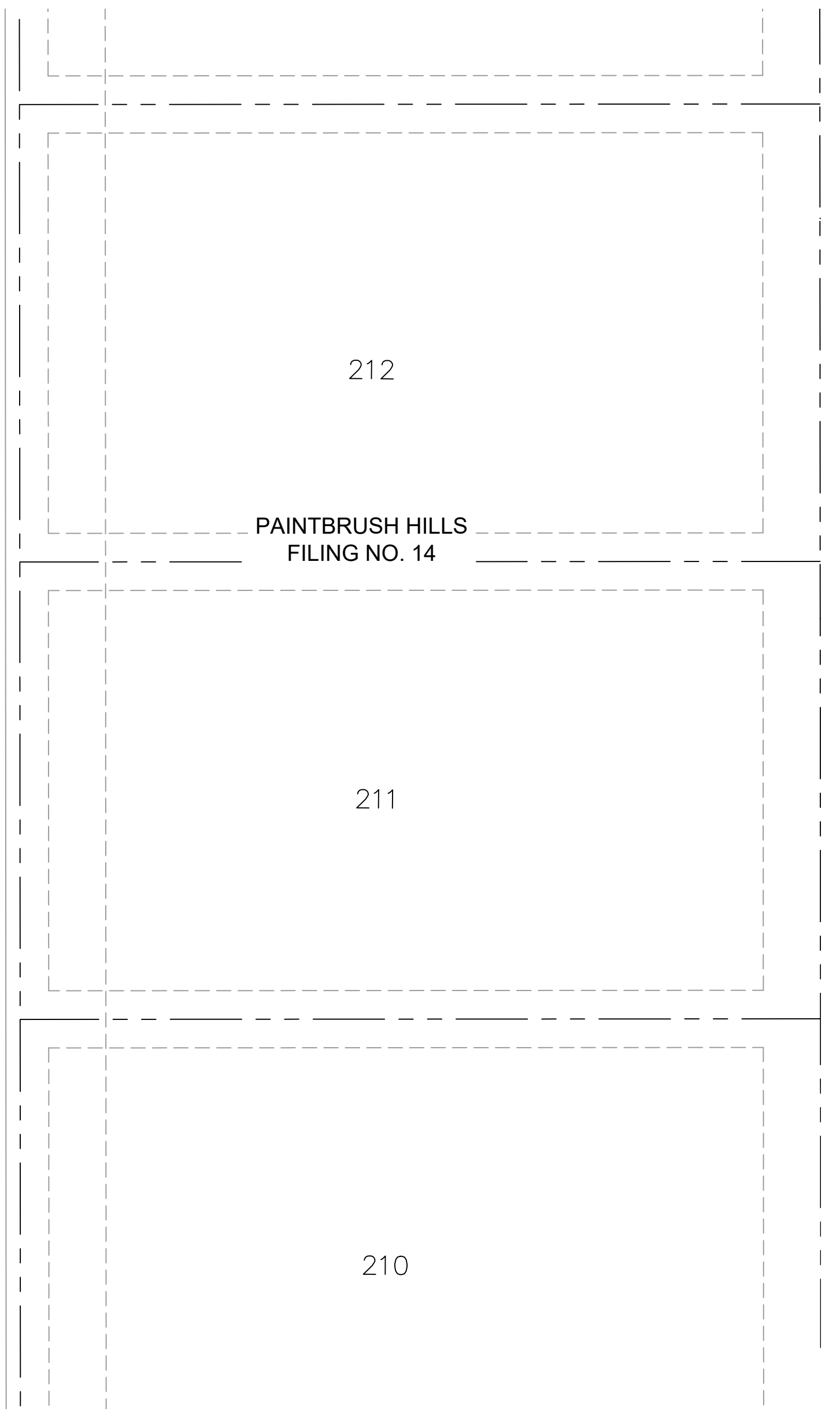
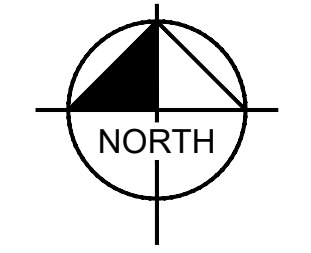
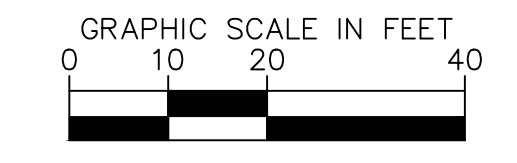
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OFF-SITE EMERGENCY ACCESS
1" = 20'



OFF-SITE EMERGENCY ACCESS - PROFILE VIEW
1" = 20'



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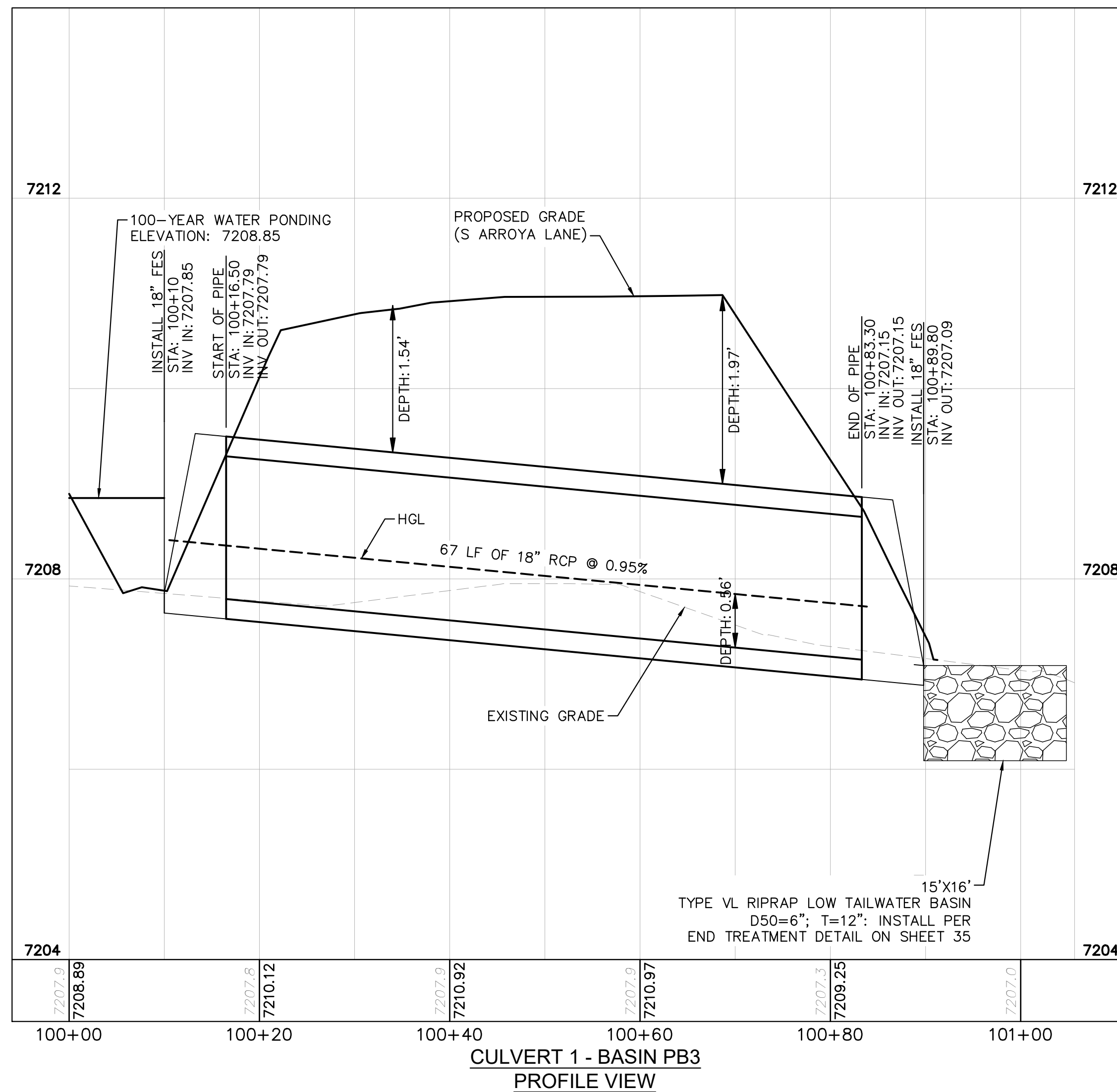
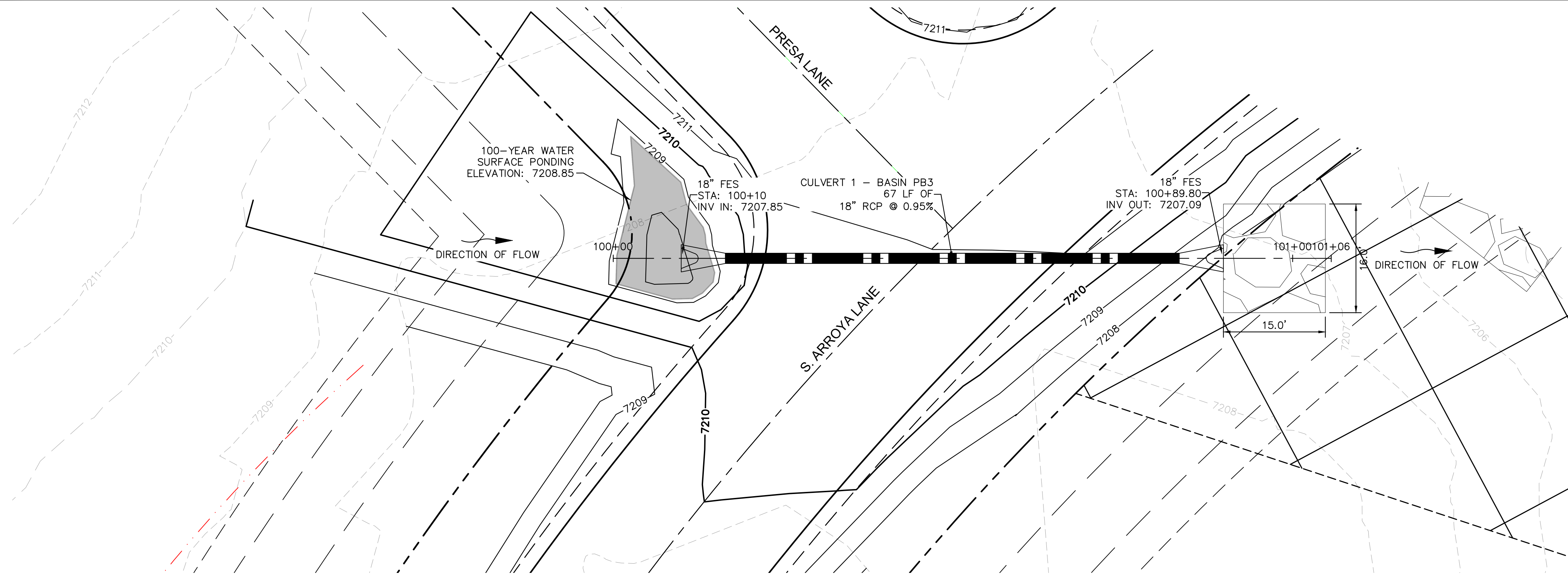
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DRAWN BY: MJK
CHECKED BY: KRK
DATE: 12/23/2023

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EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
EMERGENCY ACCESS ROAD PLAN & PROFILE

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PROJECT NO.
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25

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NOTES

1. PIPE LENGTH SHOWN IS 2D PIPE LENGTH. CONTRACTOR TO VERIFY QUANTITIES FOR ACTUAL LENGTH.
2. ASSUMED FLARED END SECTIONS (FES) LENGTHS ARE THE FOLLOWING:
6'-1": 18"-30" FES
8'-1": 30" FES
8'-2": 42"-48" FES

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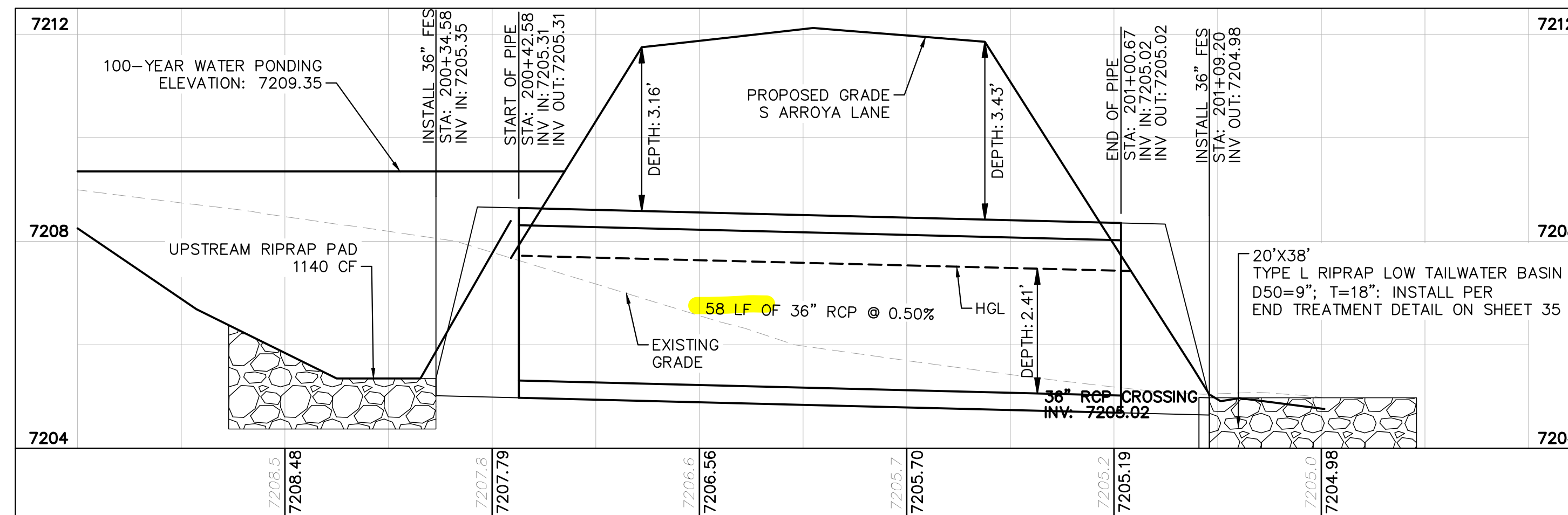
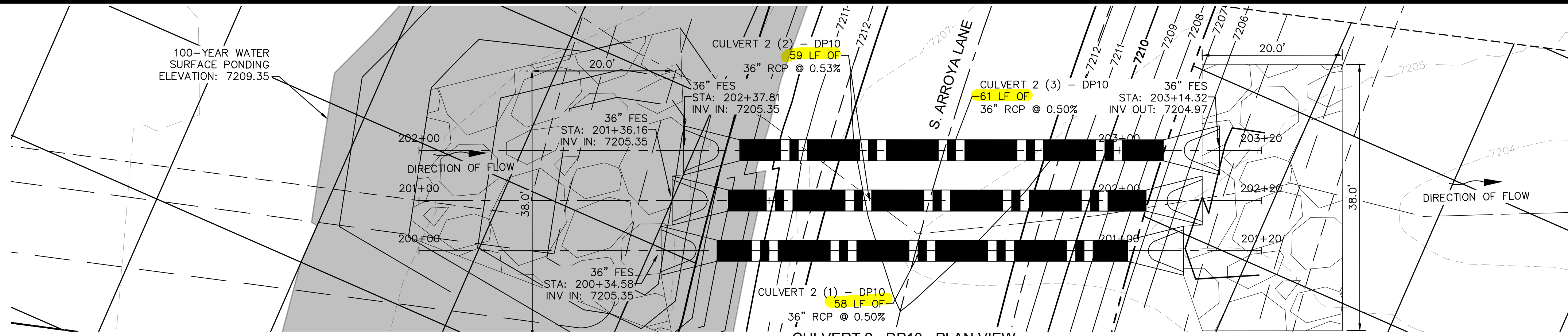
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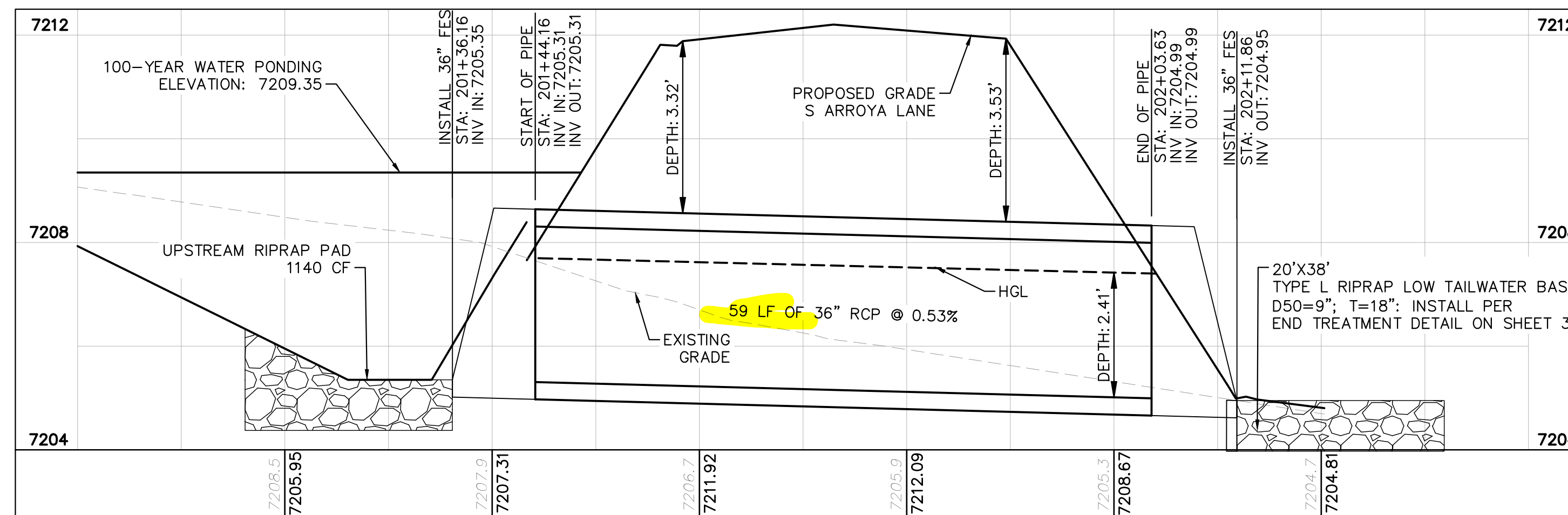
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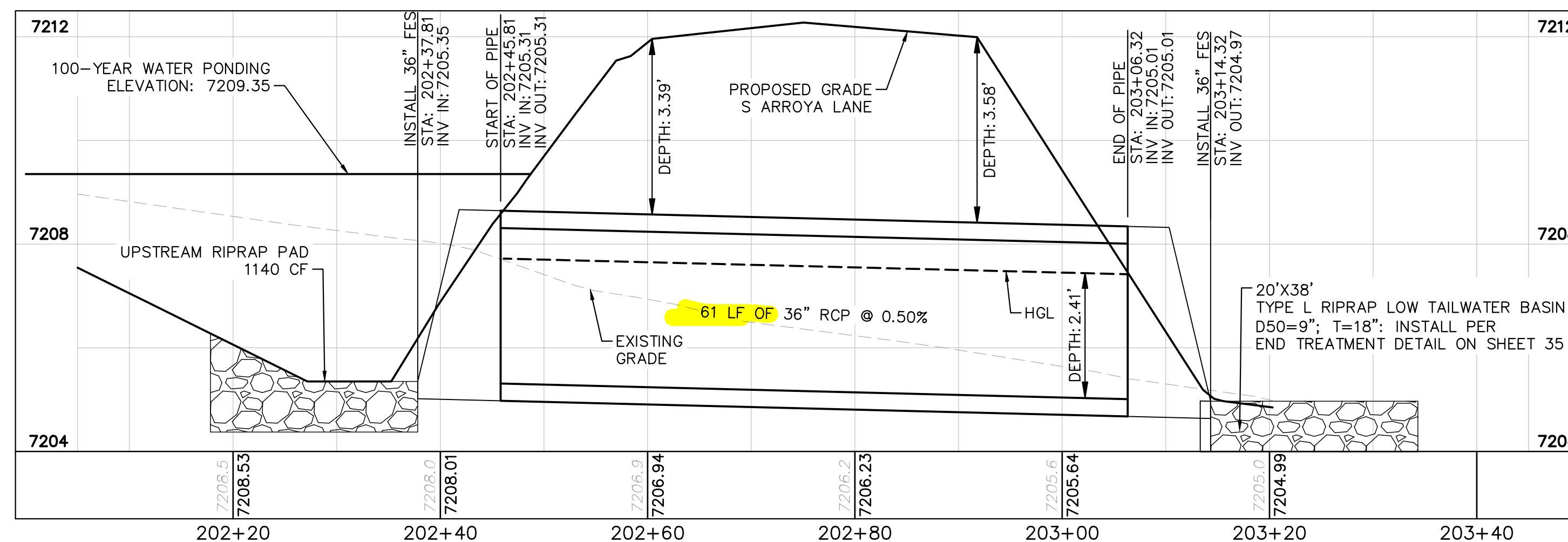
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CULVERT 2 (1) - DP10 PROFILE VIEW



CULVERT 2 (2) - DP10 PROFILE VIEW



CULVERT 2 (3) - DP10 PROFILE VIEW

NOTES

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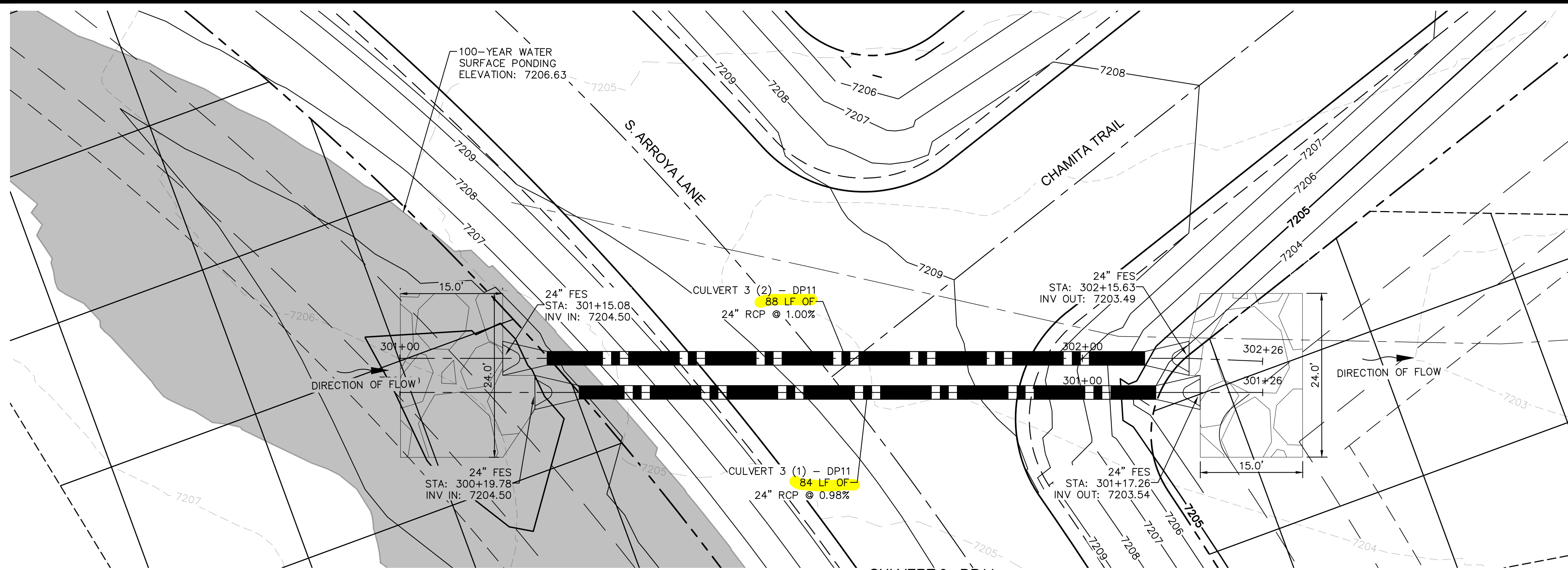
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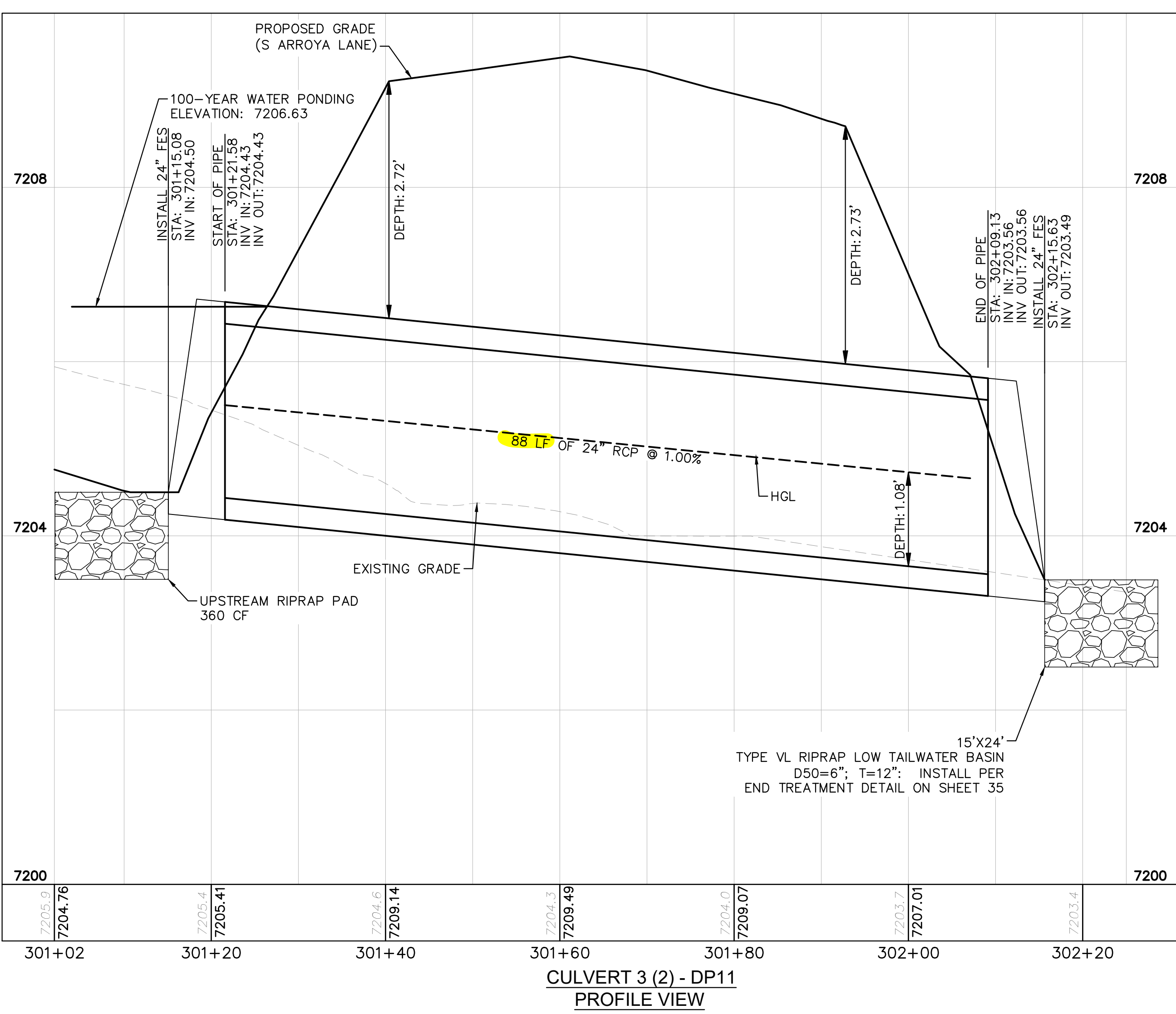
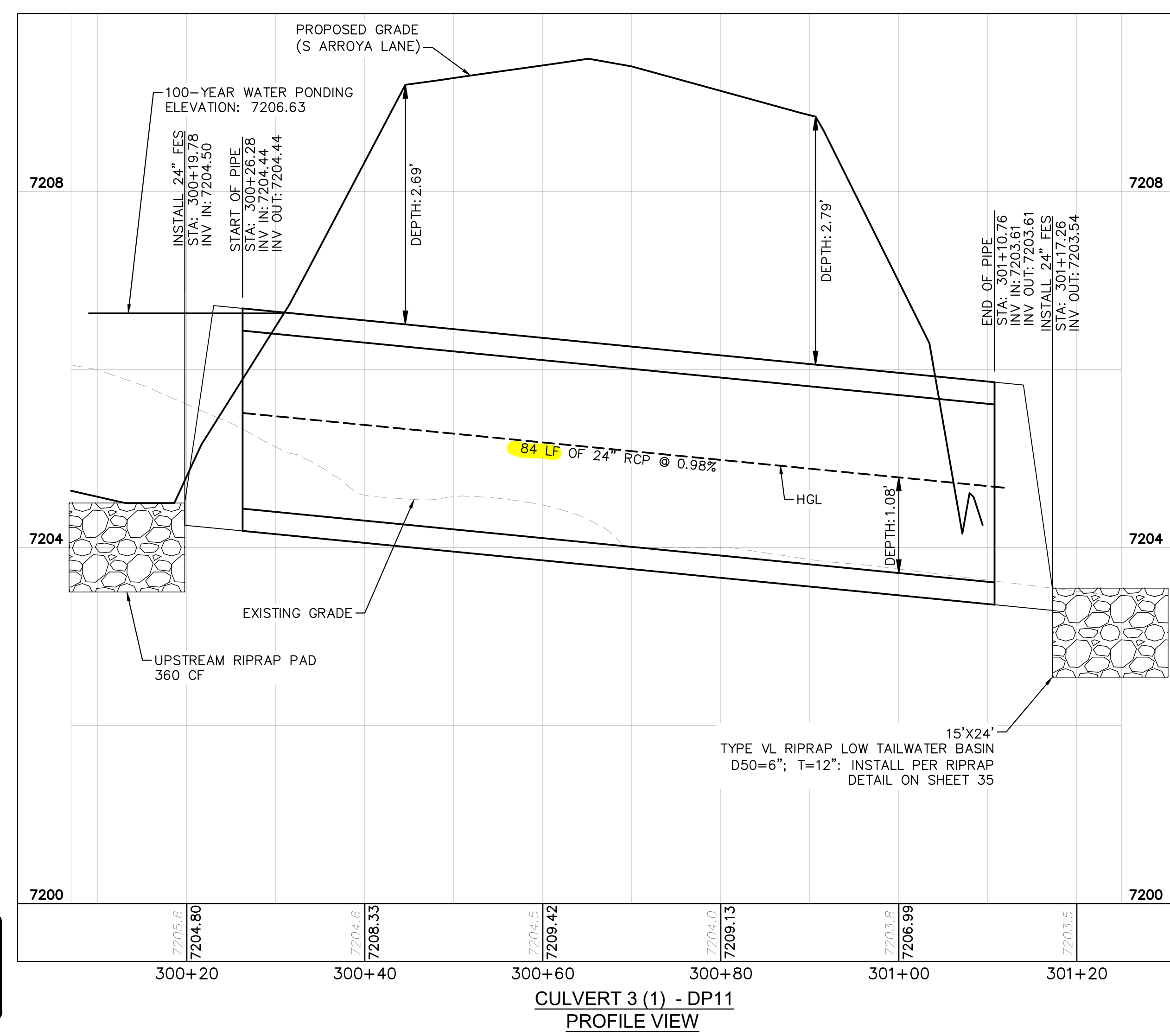
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NOTES

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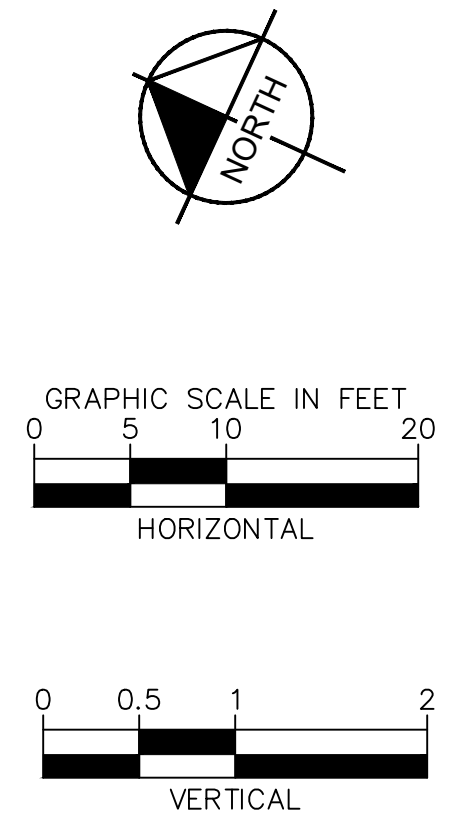
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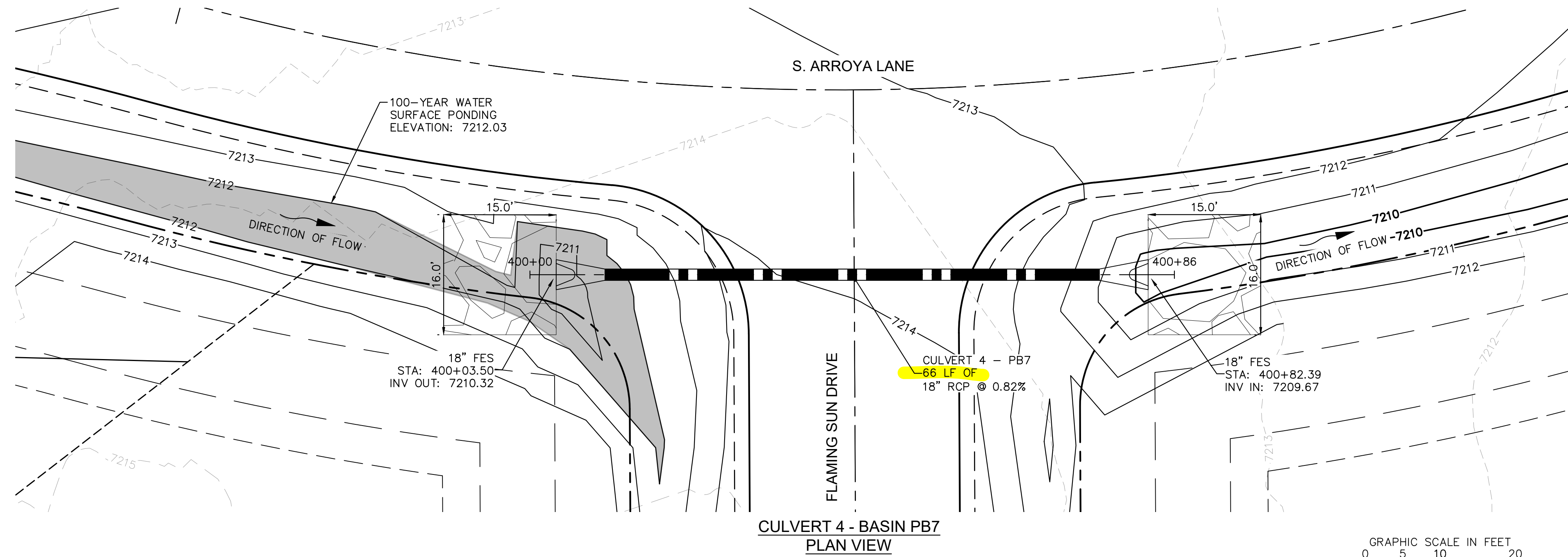
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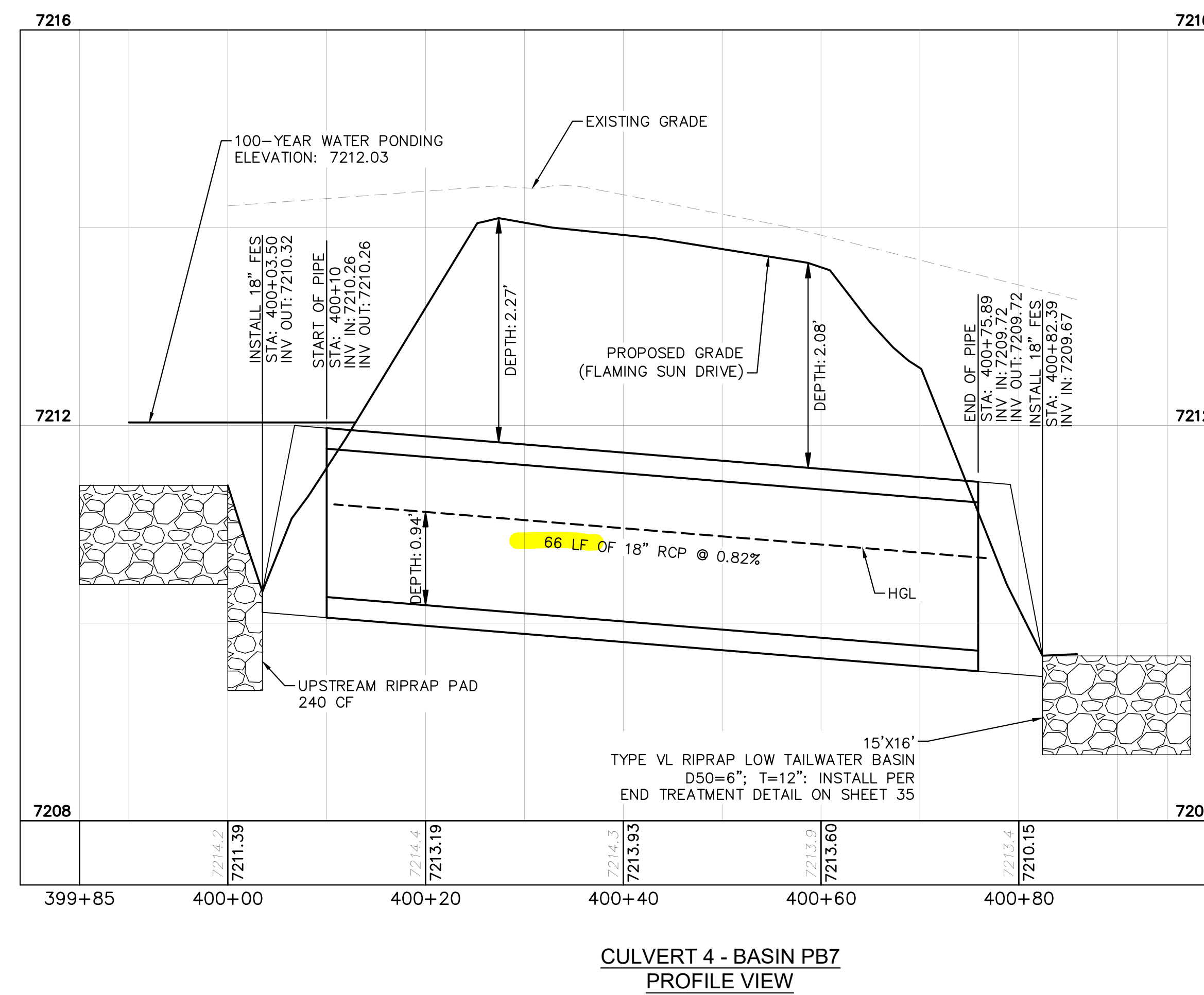
CALL UTILITY NOTIFICATION
CENTER OF COLORADO
1-800-922-1987
CALL 2-BUSINESS DAYS IN ADVANCE
BEFORE YOU DIG, GRADE, OR EXCAVATE
FOR THE MARKING OF UNDERGROUND
MEMBER UTILITIES

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NOTES

- PIPE LENGTH SHOWN IS 2D PIPE LENGTH. CONTRACTOR TO VERIFY QUANTITIES FOR ACTUAL LENGTH.
- ASSUMED FLARED END SECTIONS (FES) LENGTHS ARE THE FOLLOWING:
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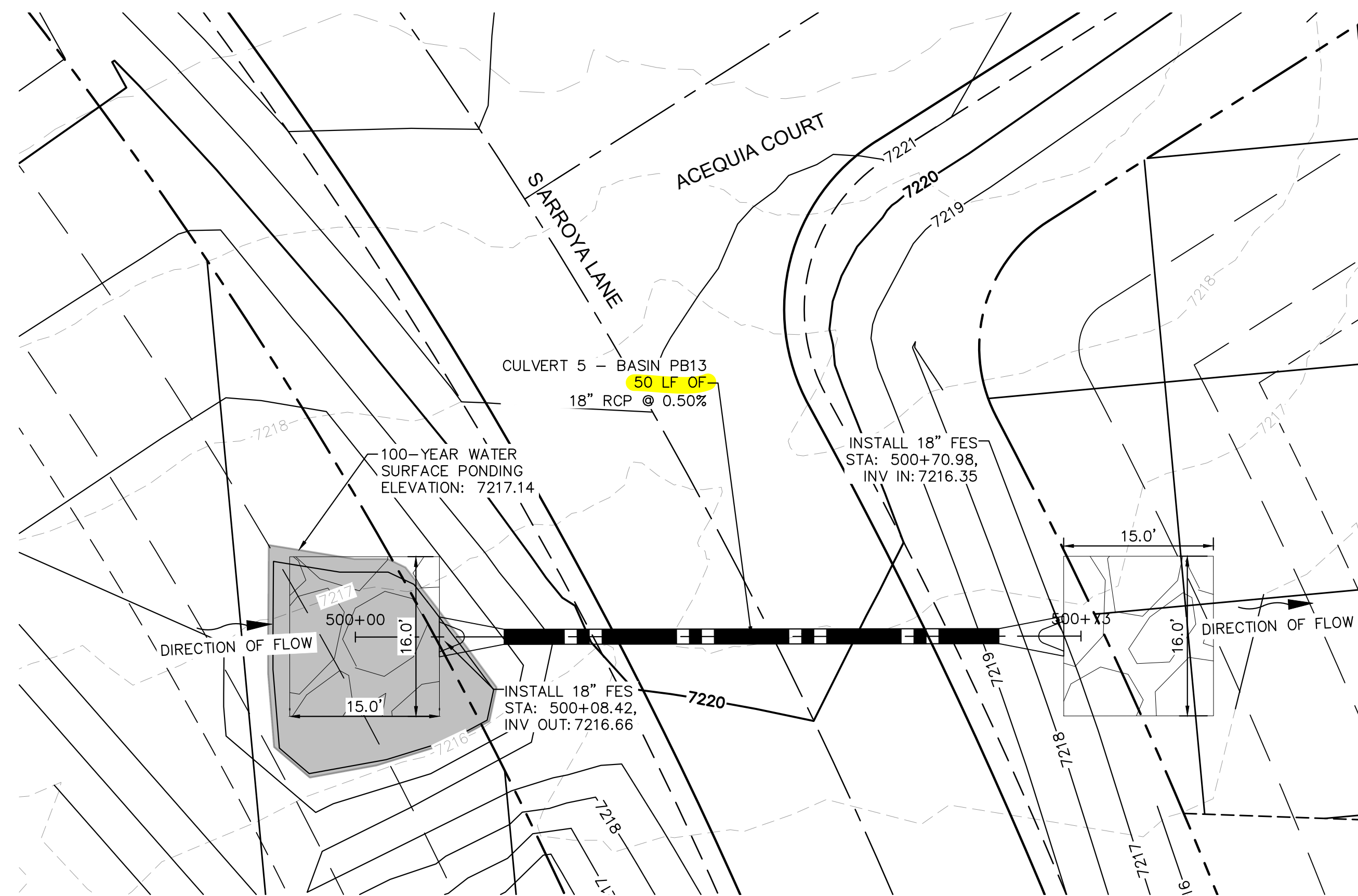
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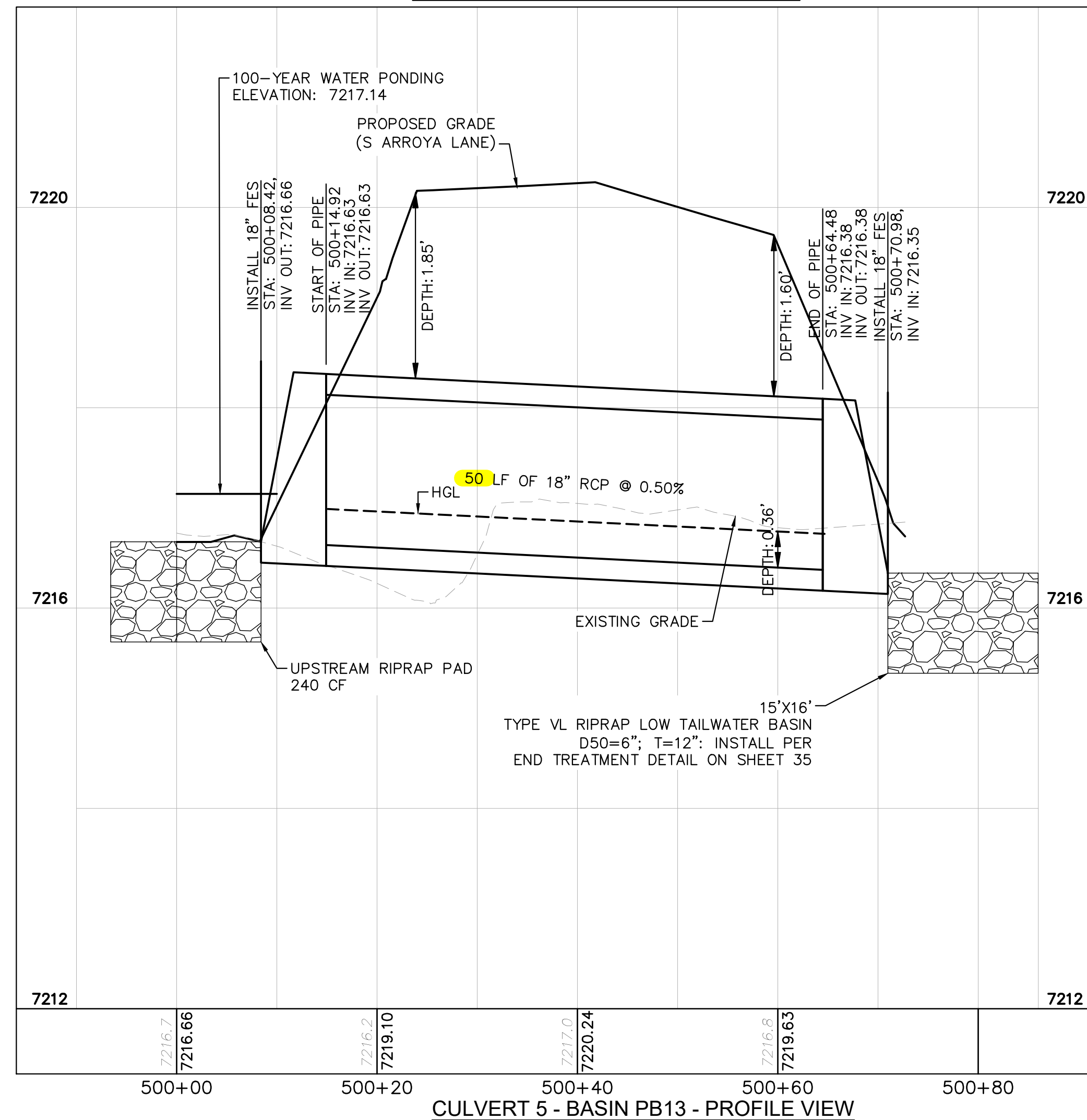
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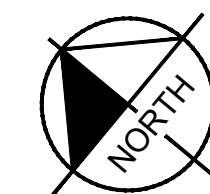
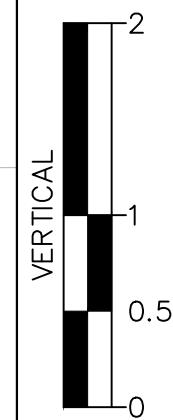
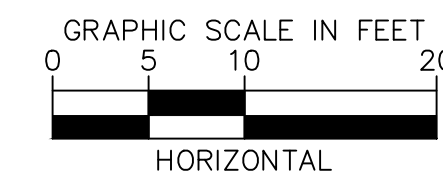
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CULVERT 5 - BASIN PB13 - PLAN VIEW



CULVERT 5 - BASIN PB13 - PROFILE VIEW



NOTES

1. PIPE LENGTH SHOWN IS 2D PIPE LENGTH. CONTRACTOR TO VERIFY QUANTITIES FOR ACTUAL LENGTH.
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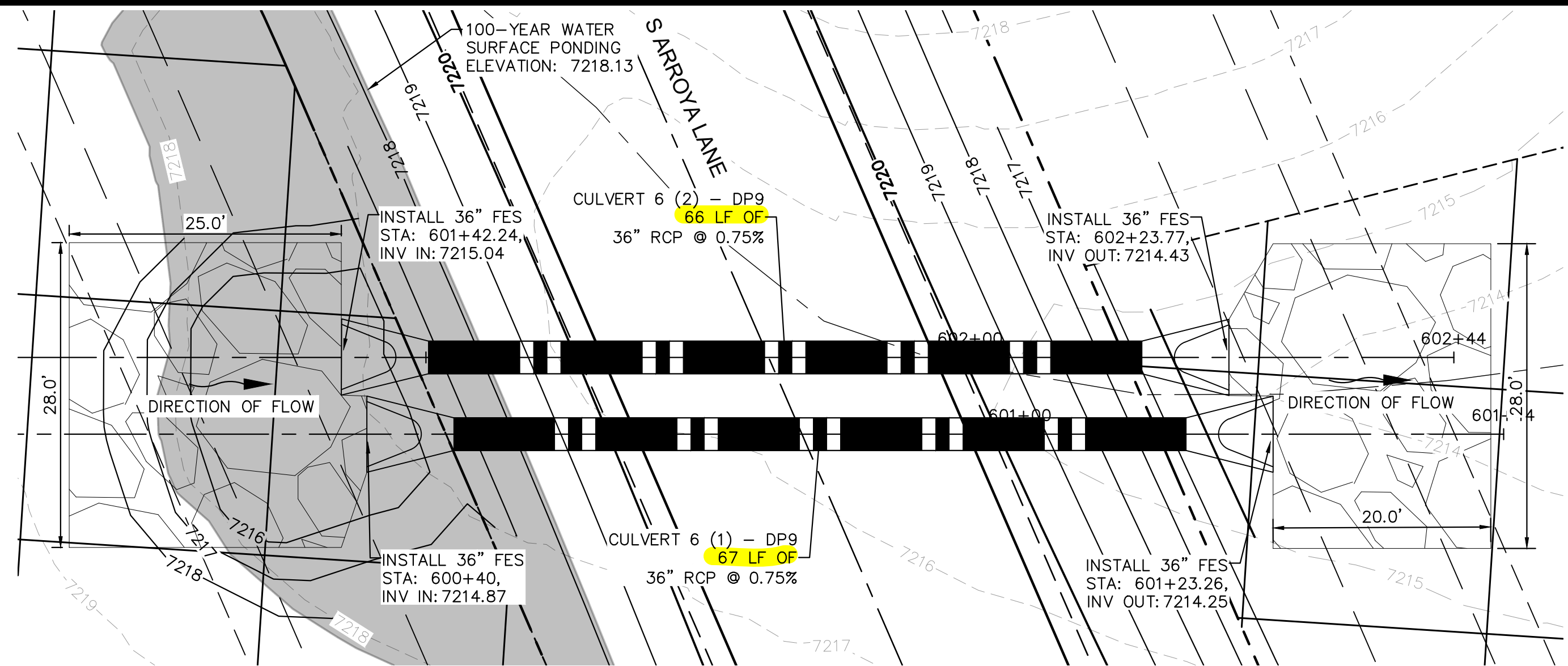
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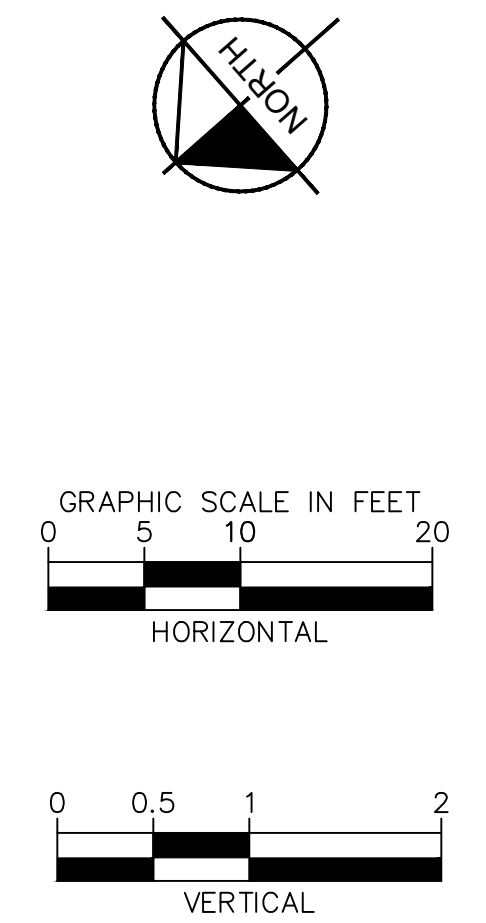
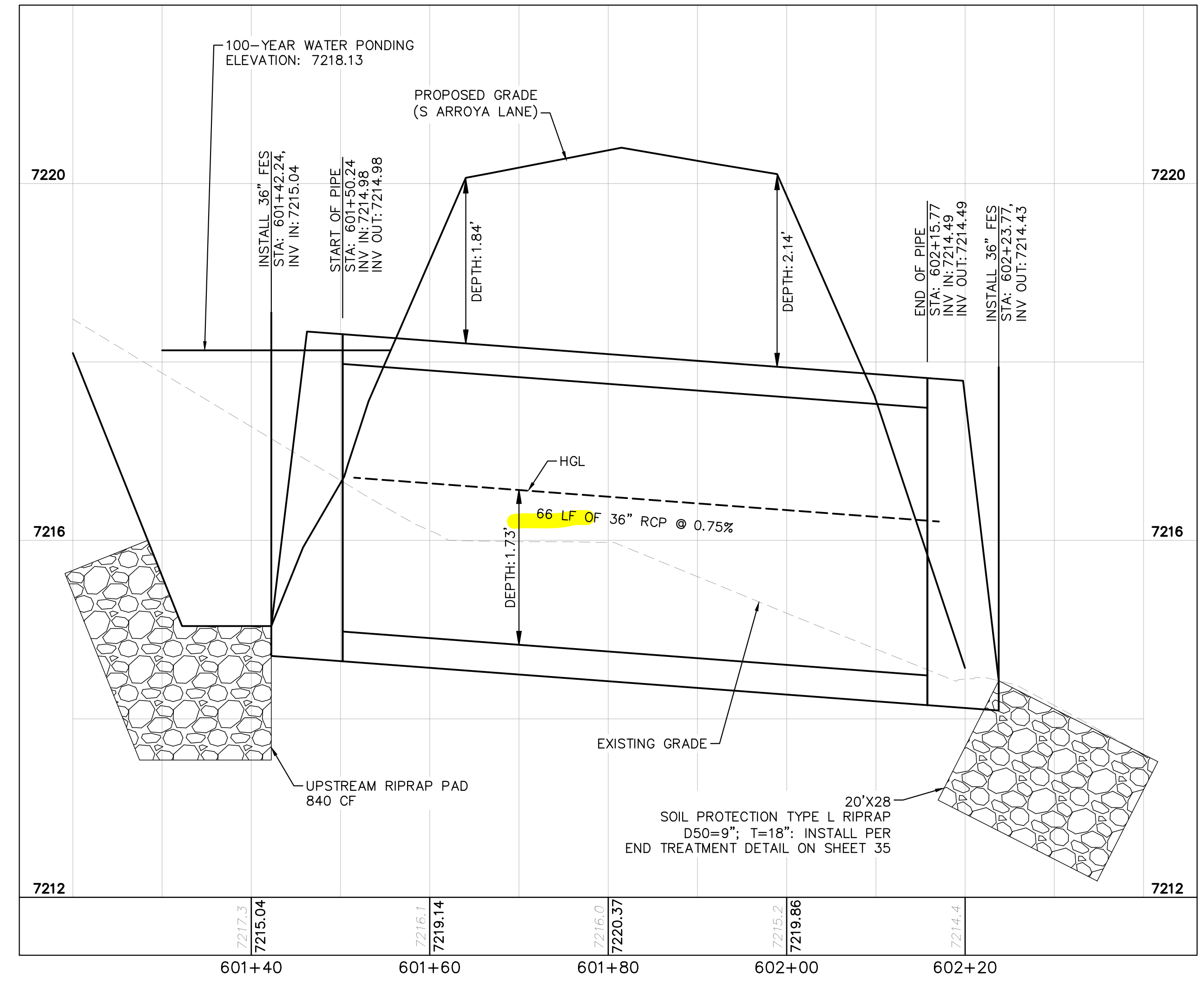
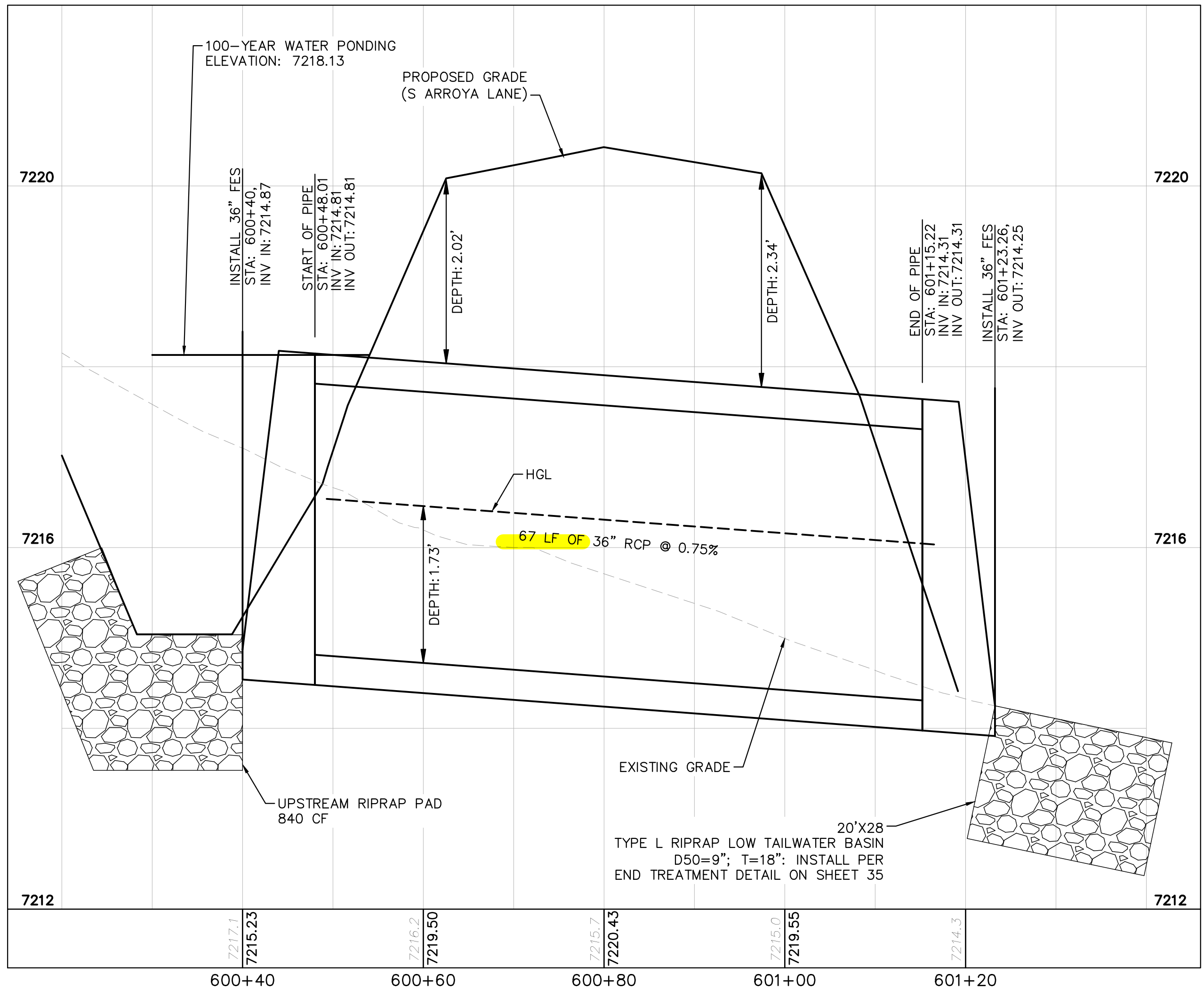
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- NOTES**
- PIPE LENGTH SHOWN IS 2D PIPE LENGTH. CONTRACTOR TO VERIFY QUANTITIES FOR ACTUAL LENGTH.
 - ASSUMED FLARED END SECTIONS (FES) LENGTHS ARE THE FOLLOWING:
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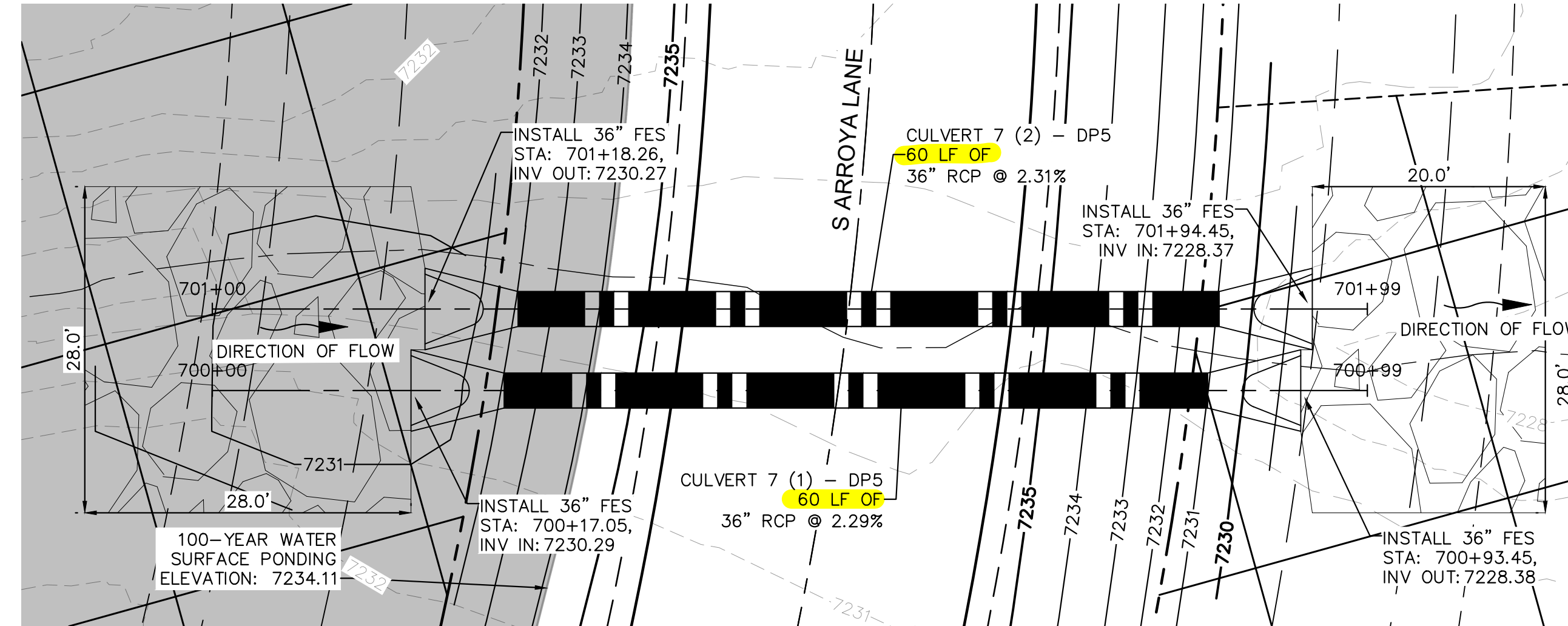
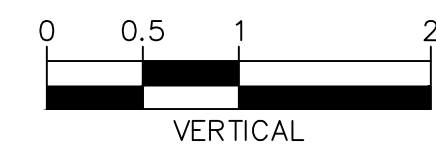
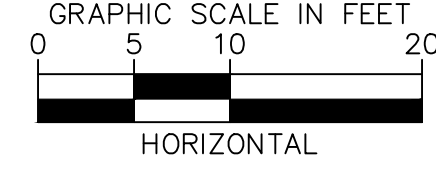
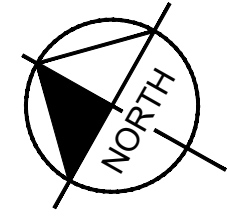
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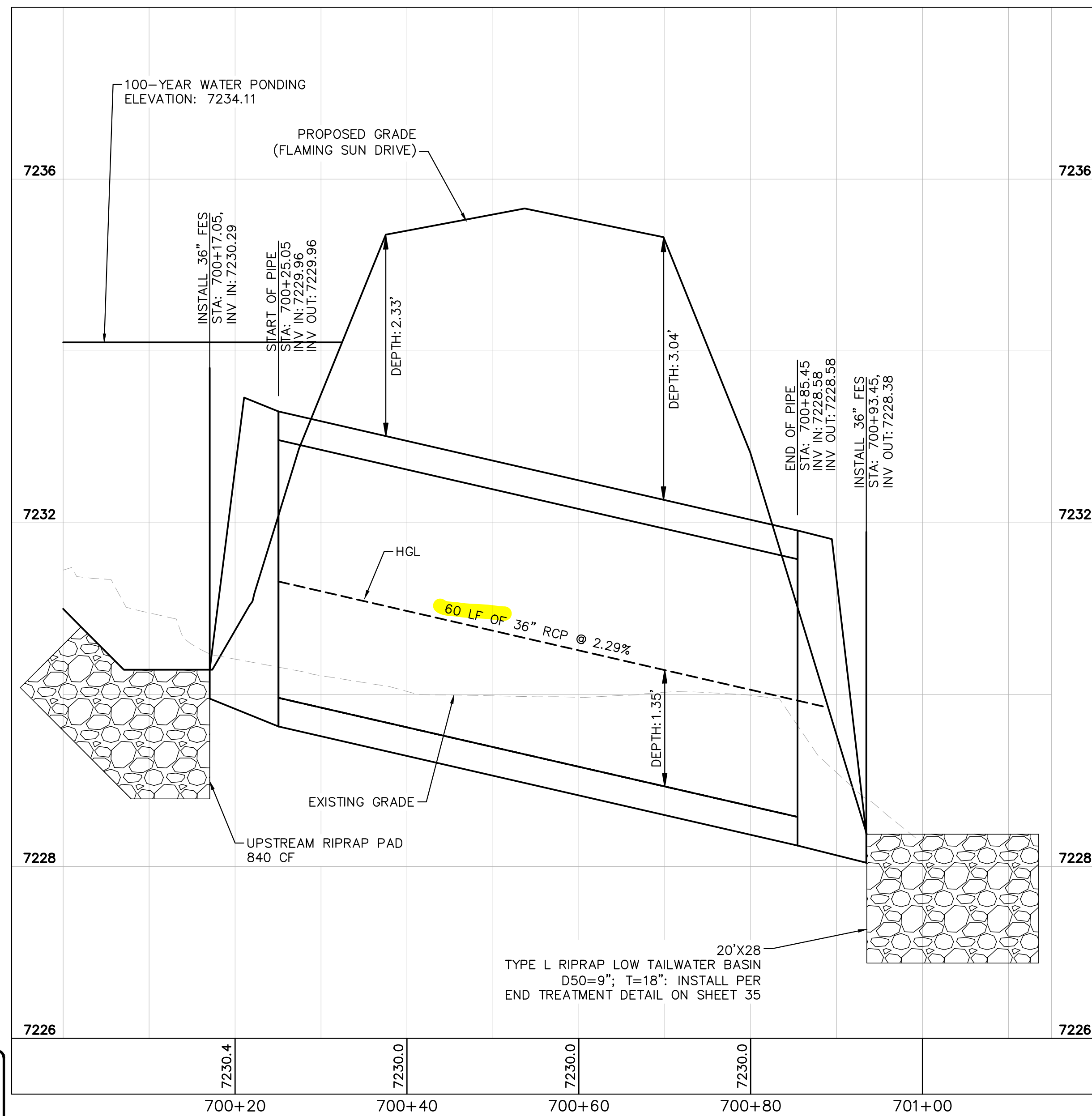
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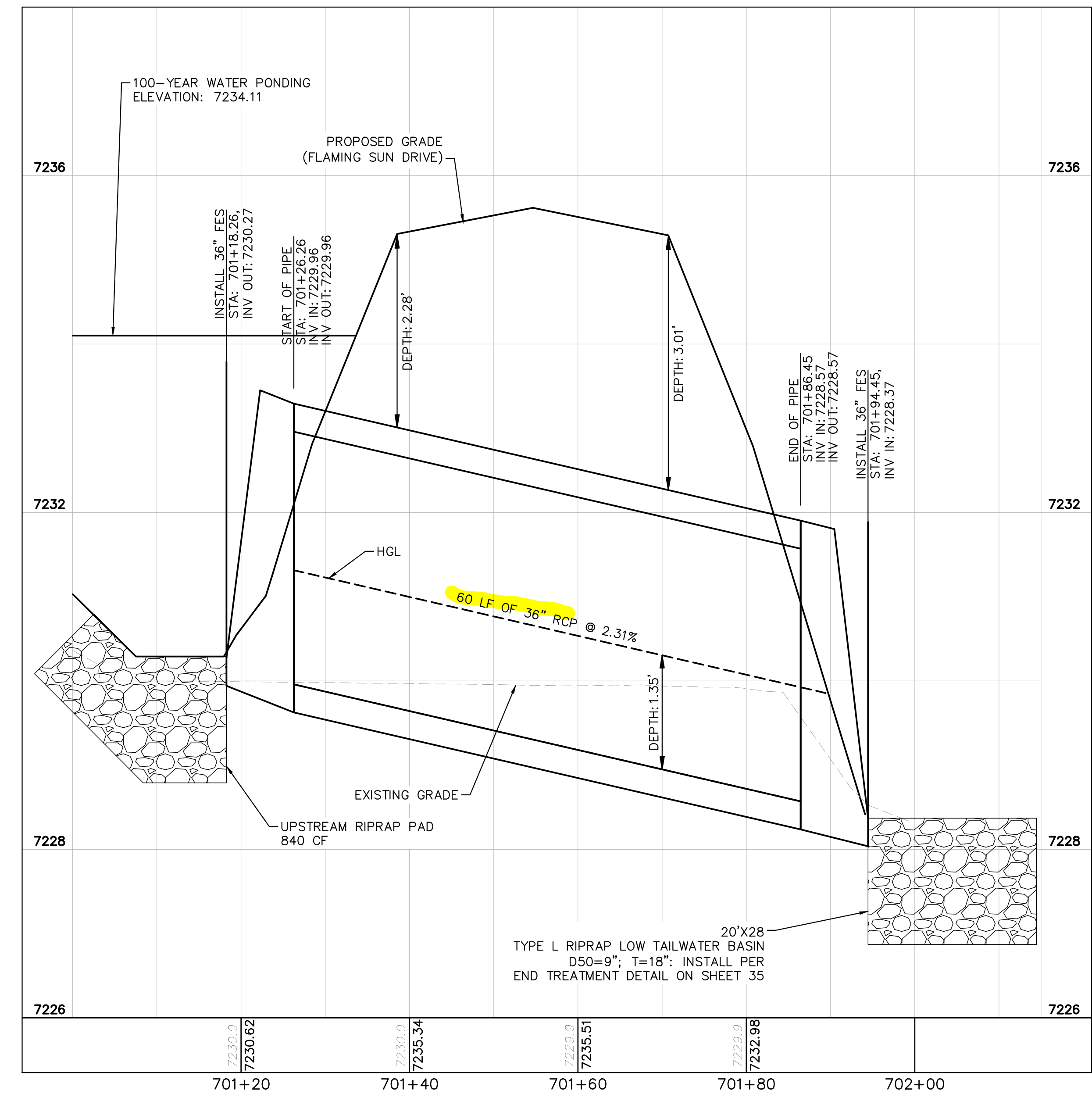
CULVERT 7 - DP5
PLAN VIEW

NOTES

1. PIPE LENGTH SHOWN IS 2D PIPE LENGTH. CONTRACTOR TO VERIFY QUANTITIES FOR ACTUAL LENGTH.
2. ASSUMED FLARED END SECTIONS (FES) LENGTHS ARE THE FOLLOWING:
6'-1": 18"-30" FES
8'-1": 30" FES
8'-2": 42"-48" FES



CULVERT 7 (1) - DP5
PROFILE VIEW



CULVERT 7 (2) - DP5
PROFILE VIEW



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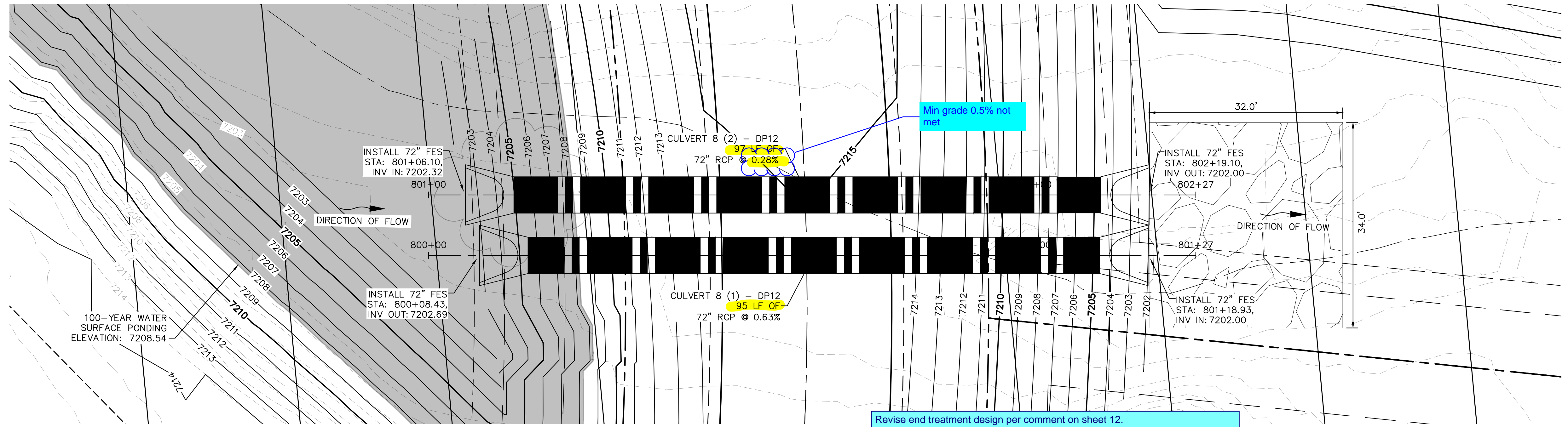
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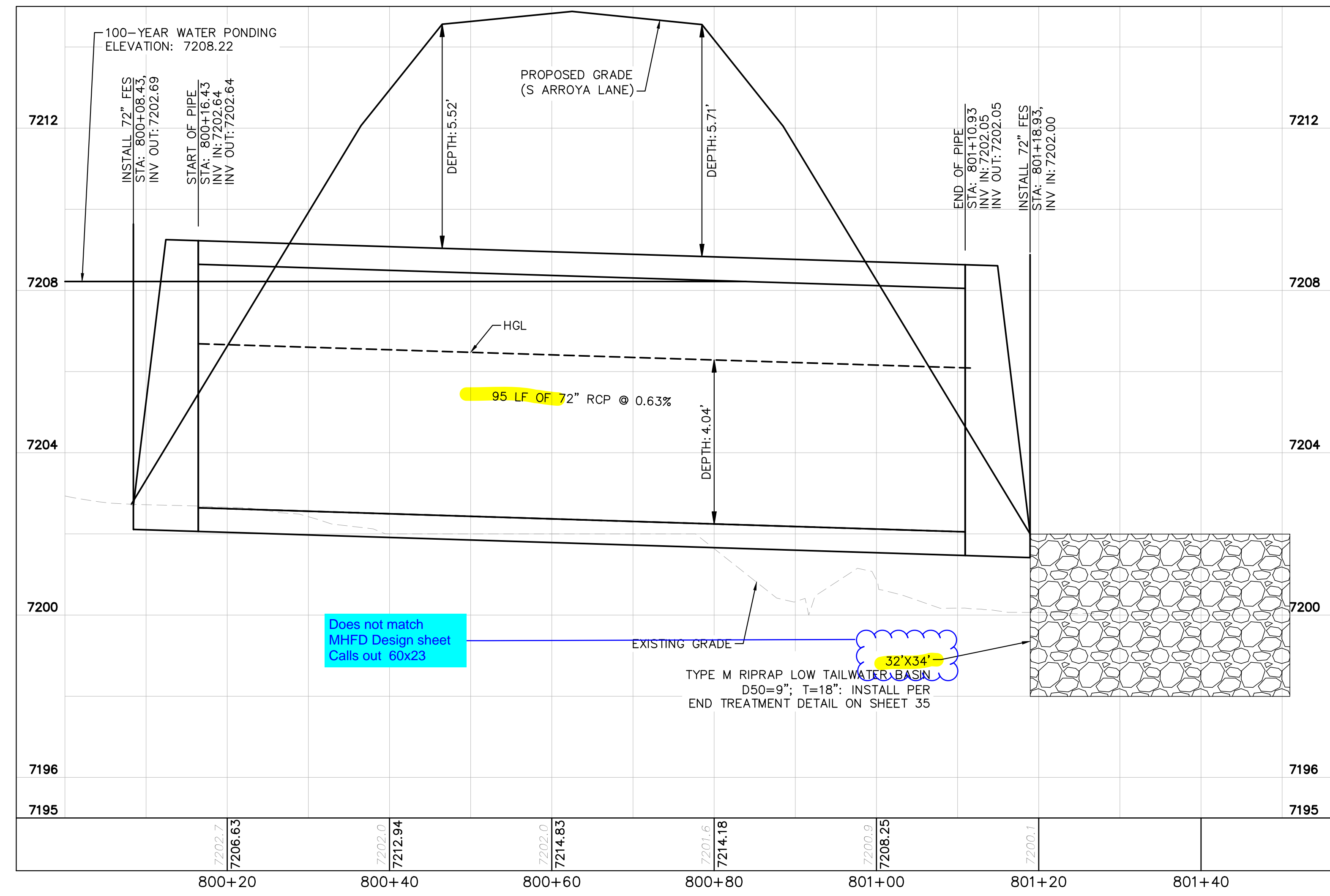
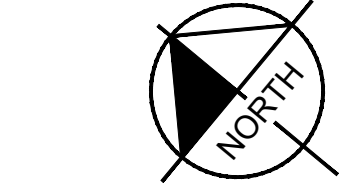
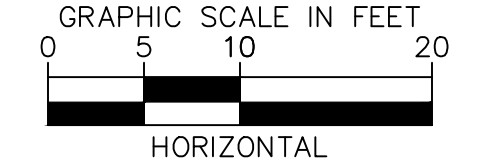
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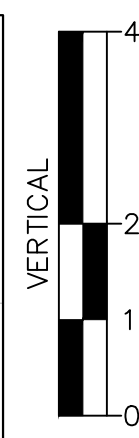


CULVERT 8 (1) - DP12
PLAN VIEW

Revise end treatment design per comment on sheet 12.



CULVERT 8 (1) - DP12
PROFILE VIEW



NOTES

1. PIPE LENGTH SHOWN IS 2D PIPE LENGTH. CONTRACTOR TO VERIFY QUANTITIES FOR ACTUAL LENGTH.
2. ASSUMED FLARED END SECTIONS (FES) LENGTHS ARE THE FOLLOWING:
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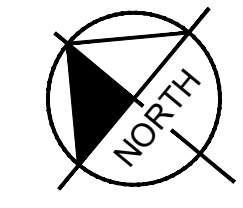
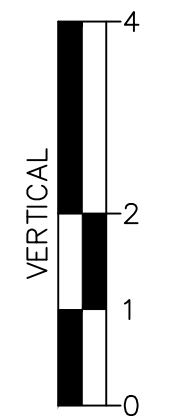
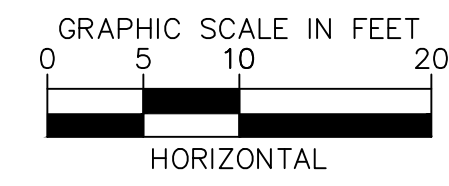
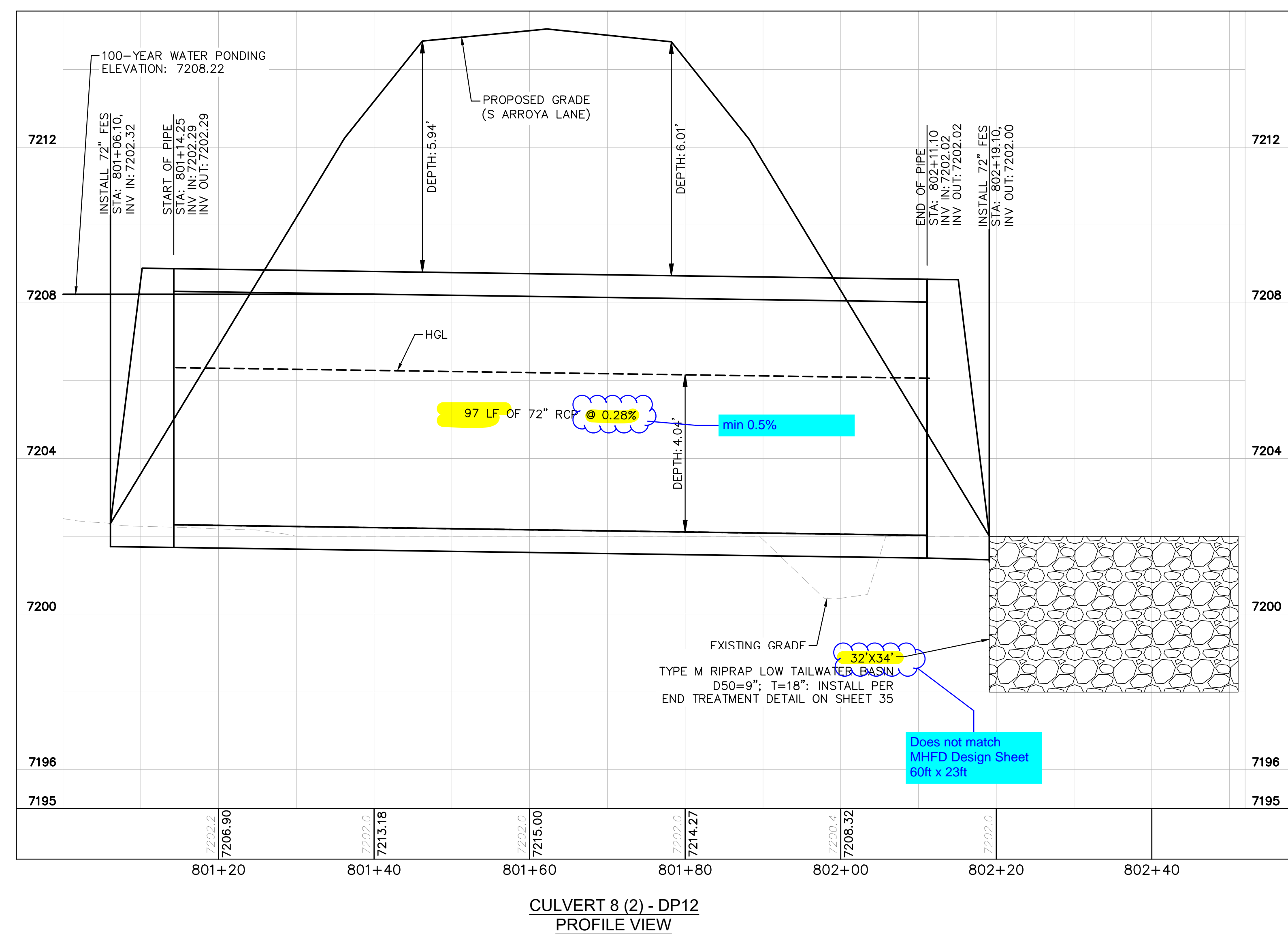
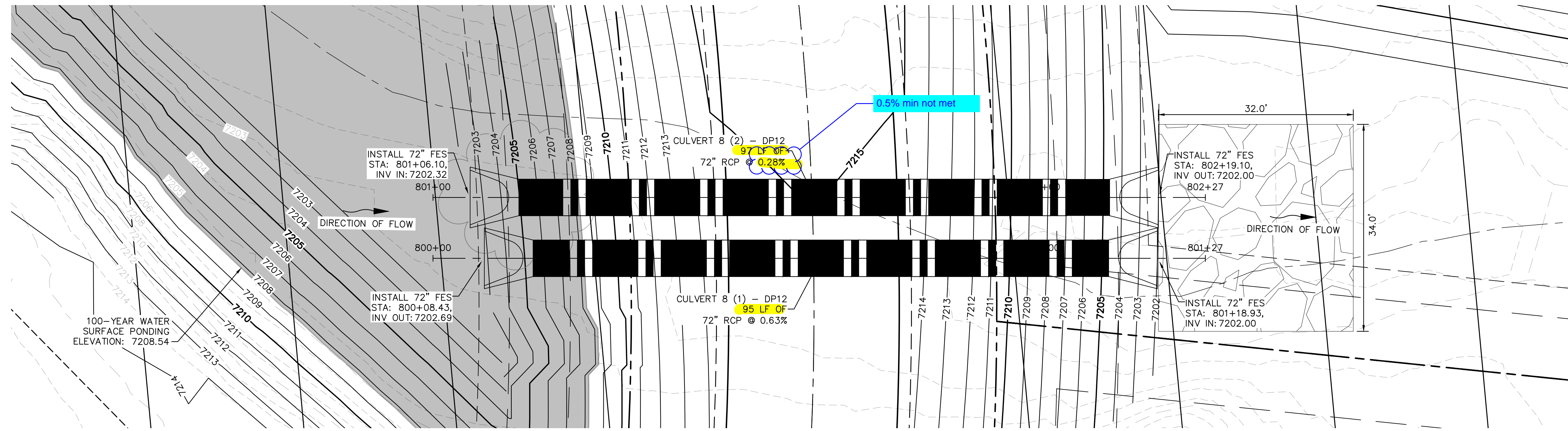
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NOTES

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 8'-2": 42"-48" FES

Delete sheet. This appears to be a duplicate of sheet 33.



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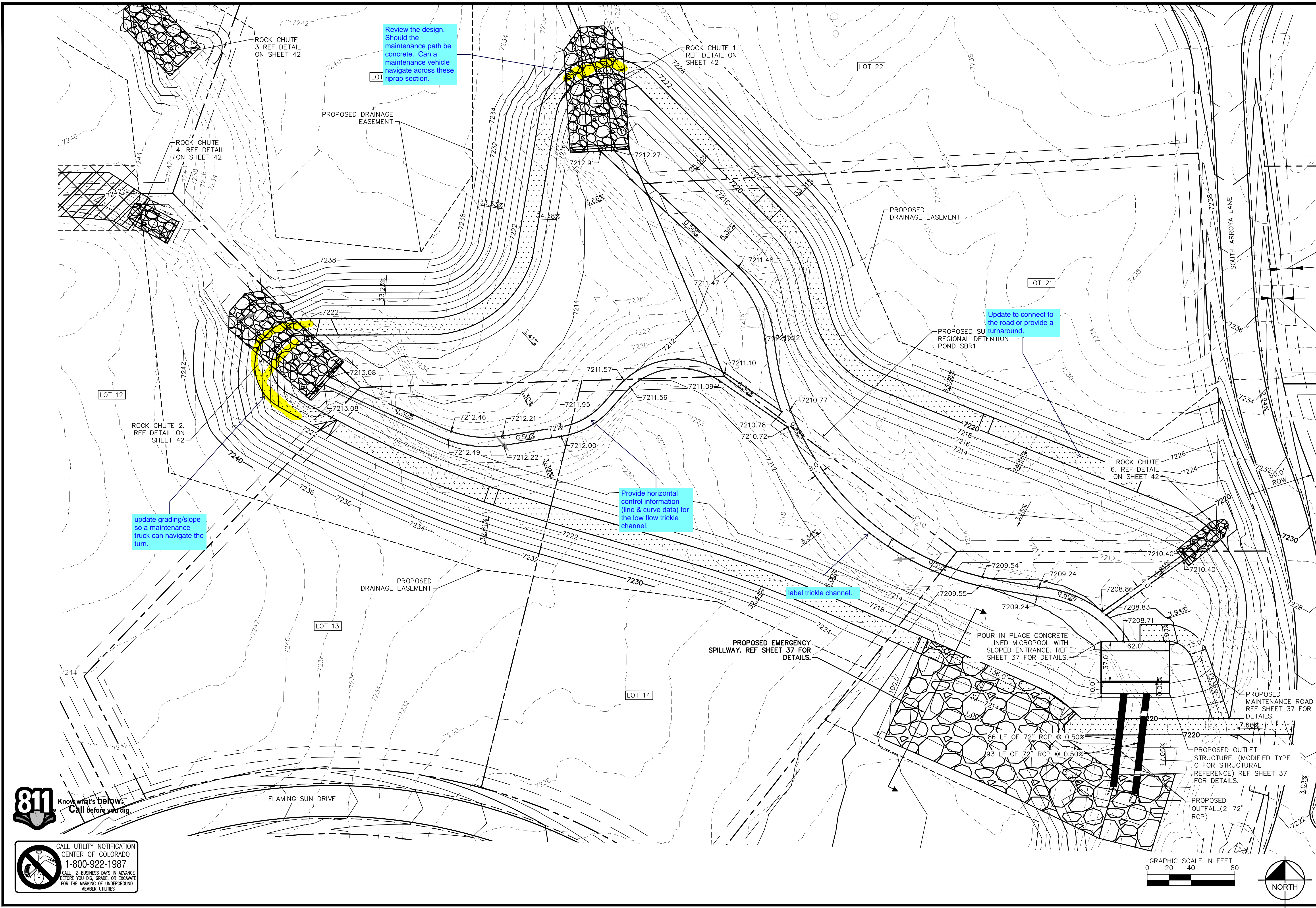
SHEET
34

K:\COS_Civil\196288000_Eagleview\CADD\PlanSheets\CDs_CD_PND-SUB.dwg Schmelbach, Ryan 12/23/2022 10:05 AM

811 Know what's below. Call before you dig.

CALL UTILITY NOTIFICATION CENTER OF COLORADO 1-800-922-1987

CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES



Kimley»Horn
2022 KIMLEY-HORN AND ASSOCIATES, INC.
2 North Nevada Avenue Suite 900
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: MJK
DRAWN BY: MJK
CHECKED BY: KRK
DATE: 12/23/2023

EAGLEVIEW
EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
SUB-REGIONAL POND (SR1)

PROJECT NO. 196106001
SHEET 36

REVISION NO. BY DATE

APPR

FOR REVIEW ONLY NOT FOR CONSTRUCTION

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Kimley-Horn and Associates, Inc.

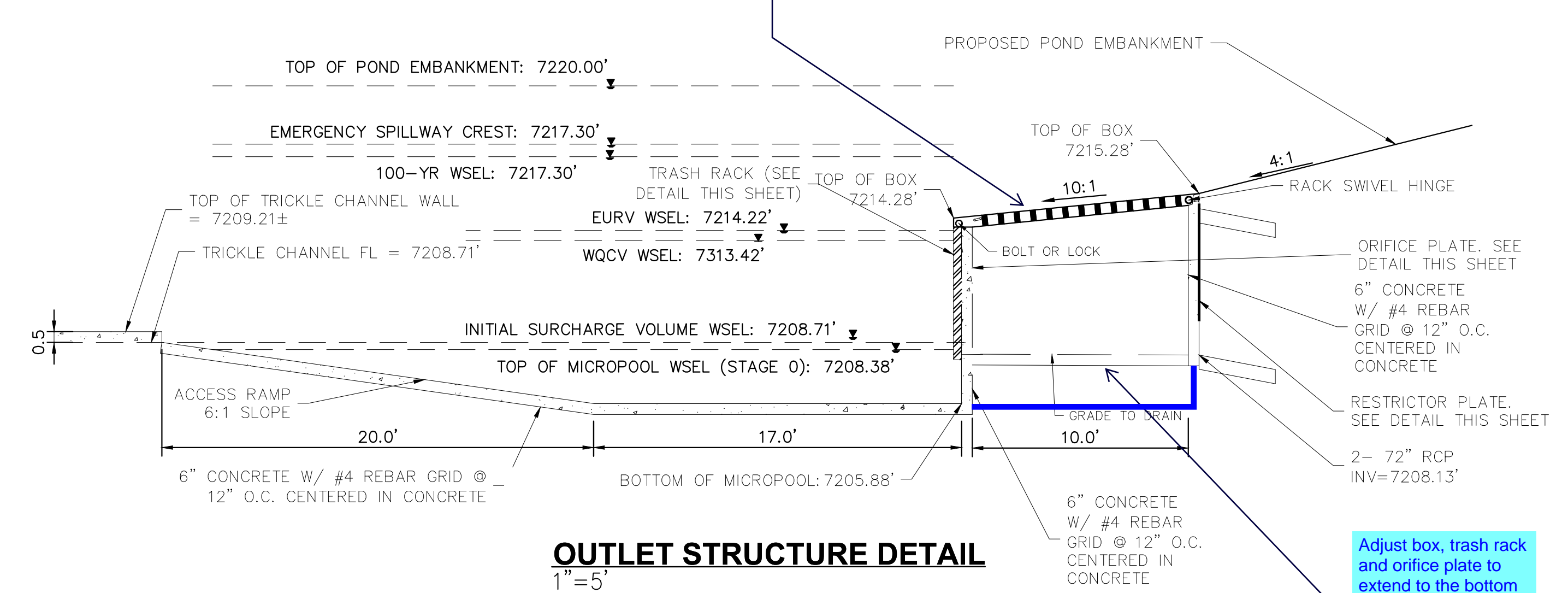
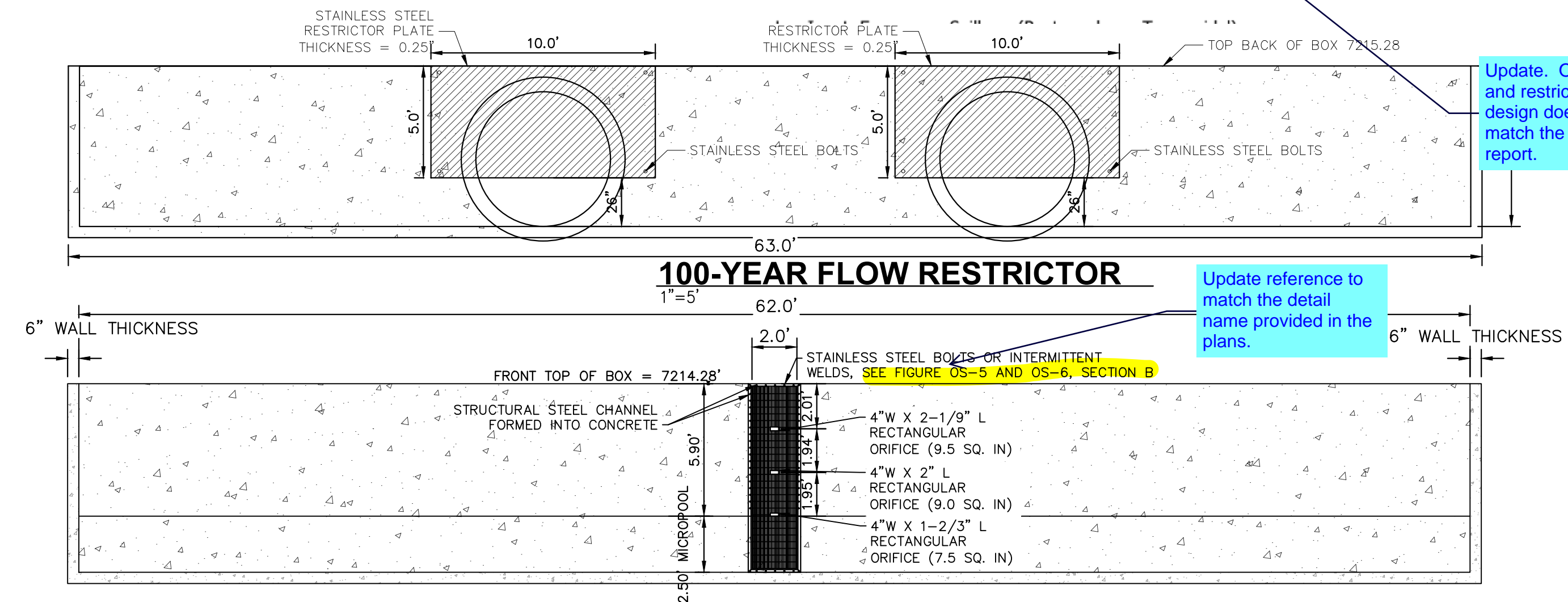
GRAPHIC SCALE IN FEET
0 20 40 80

NORTH

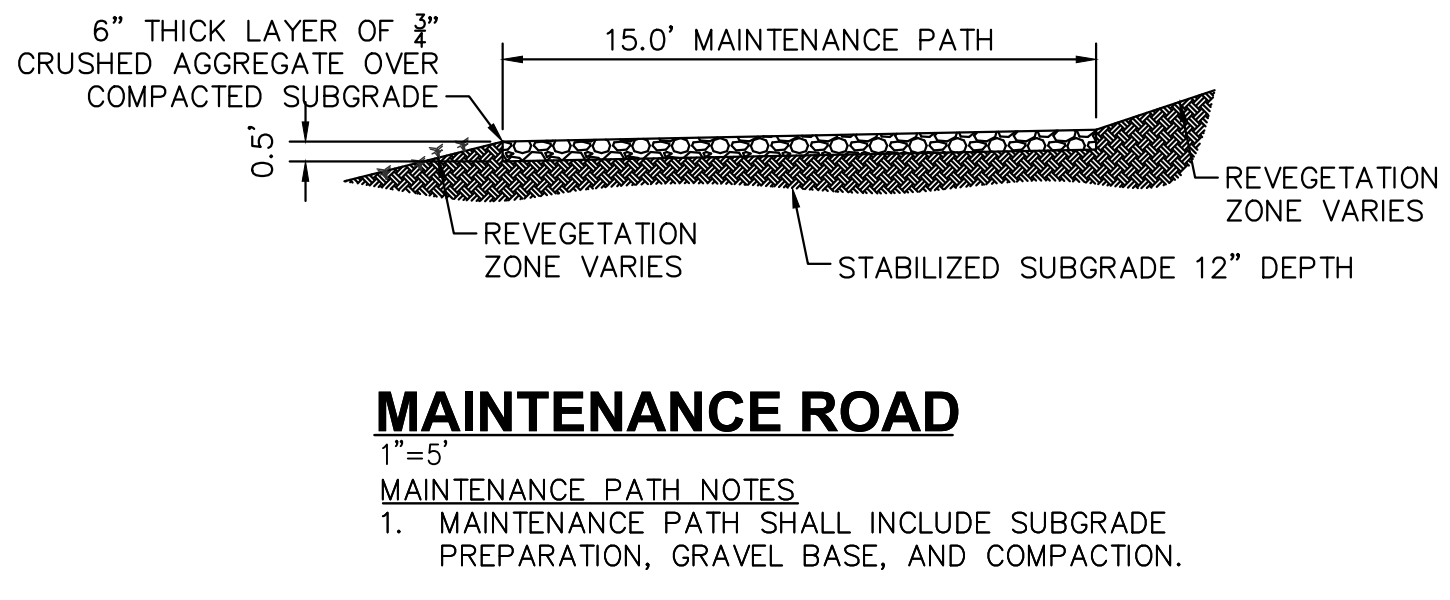
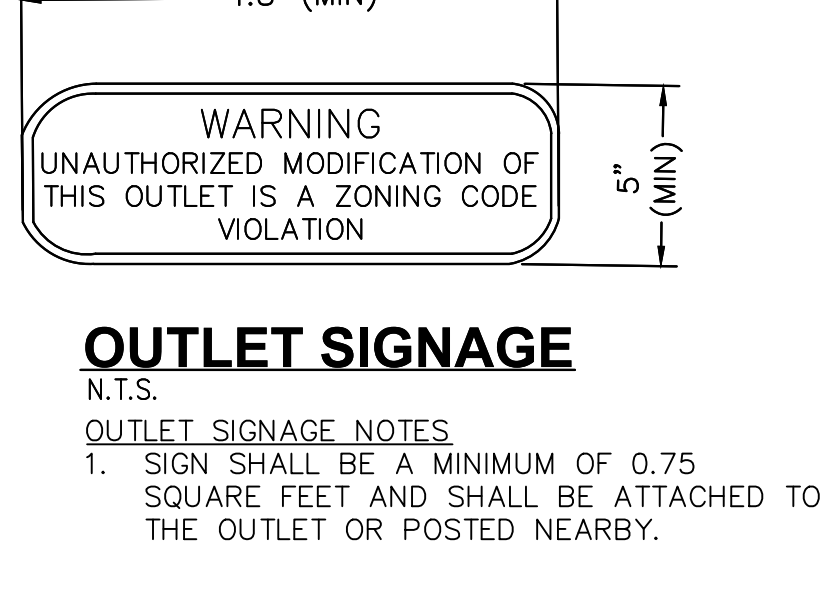
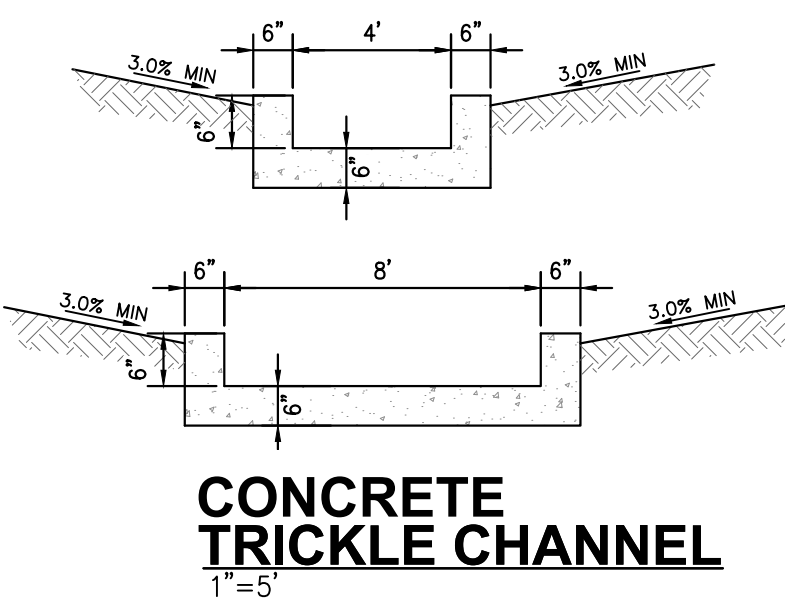
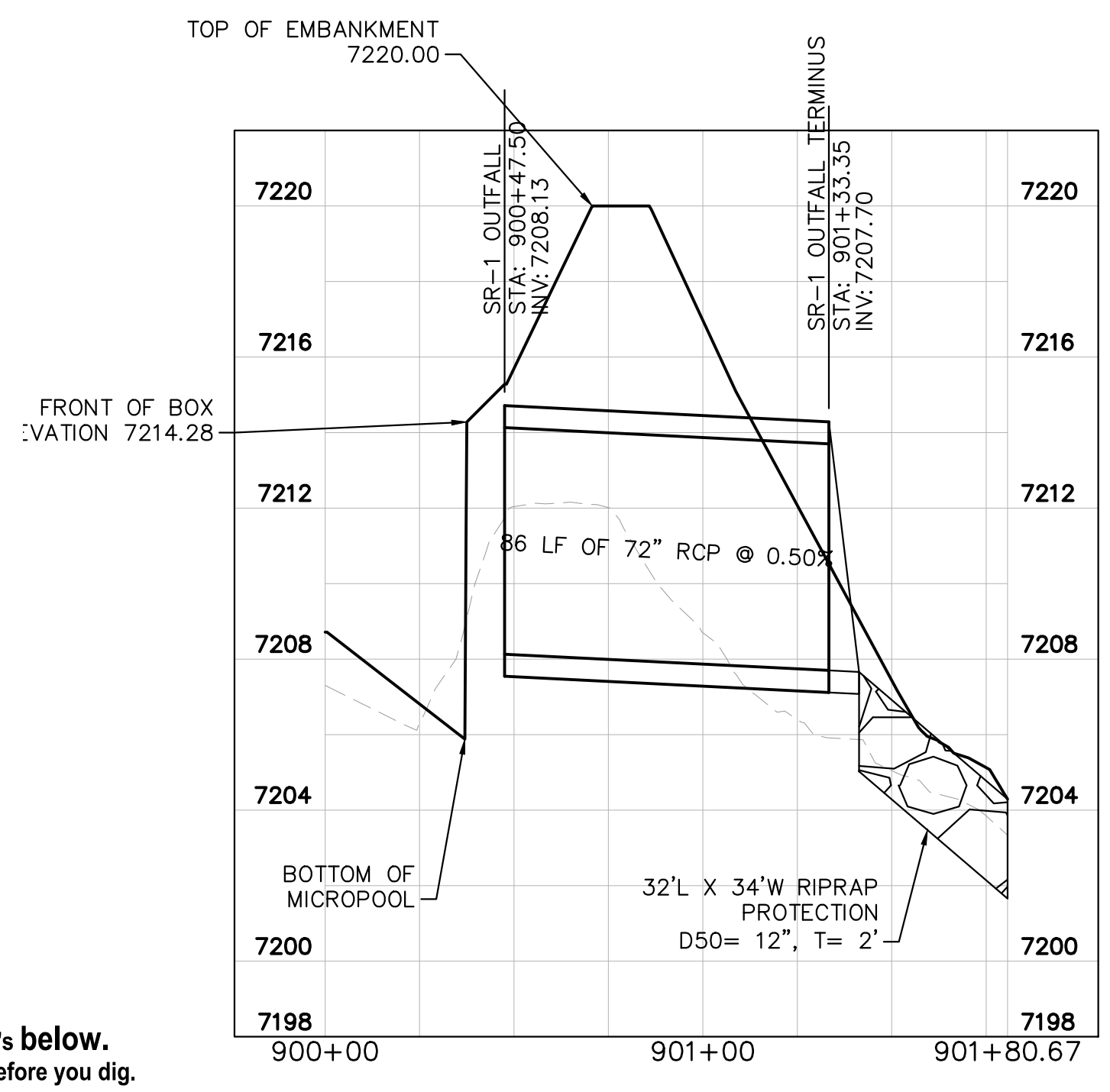
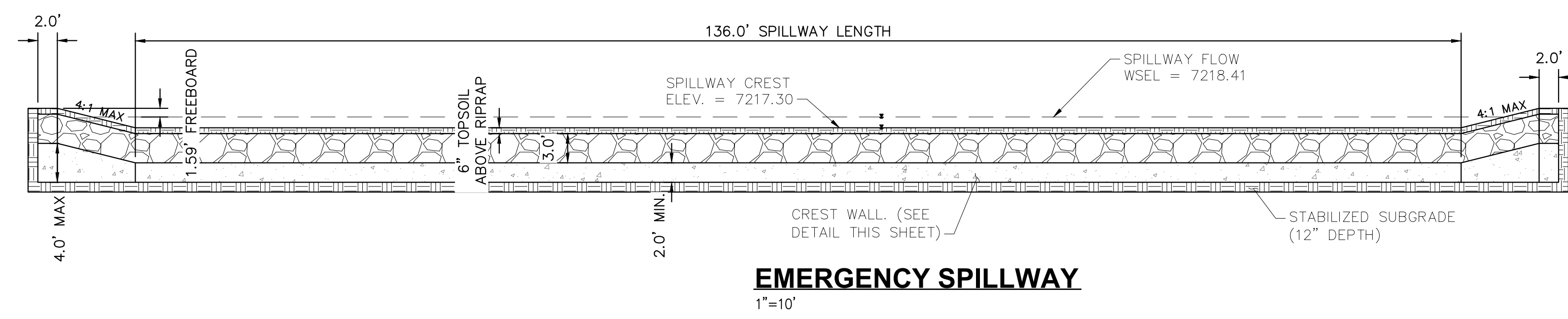
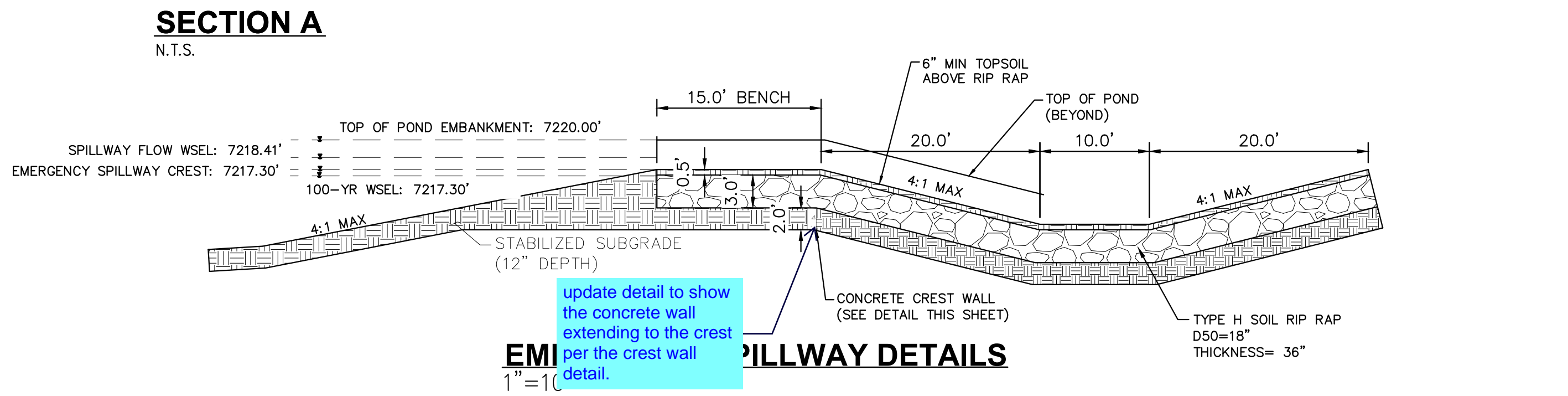
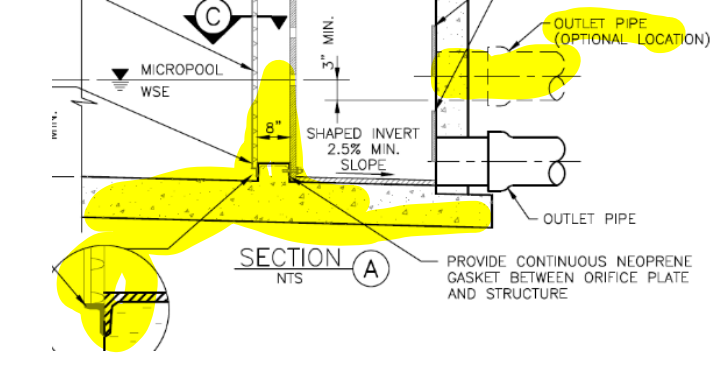
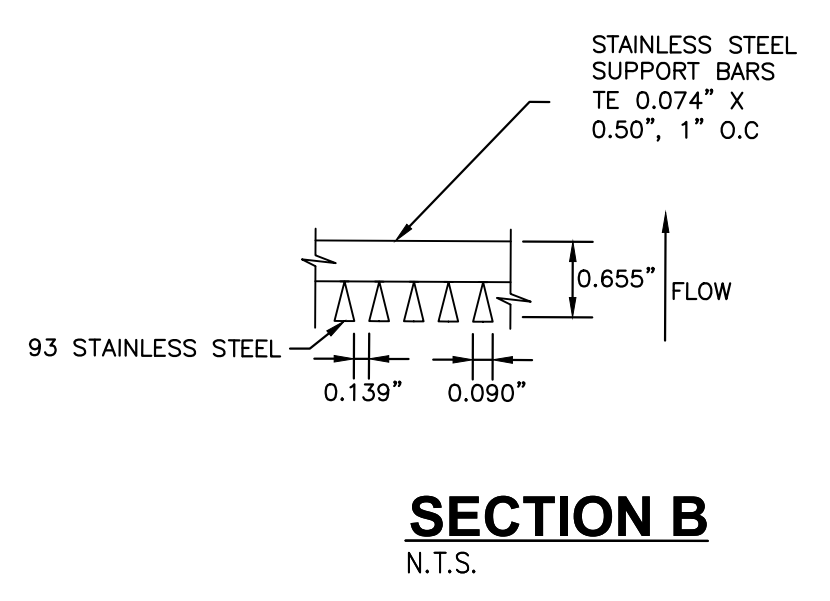
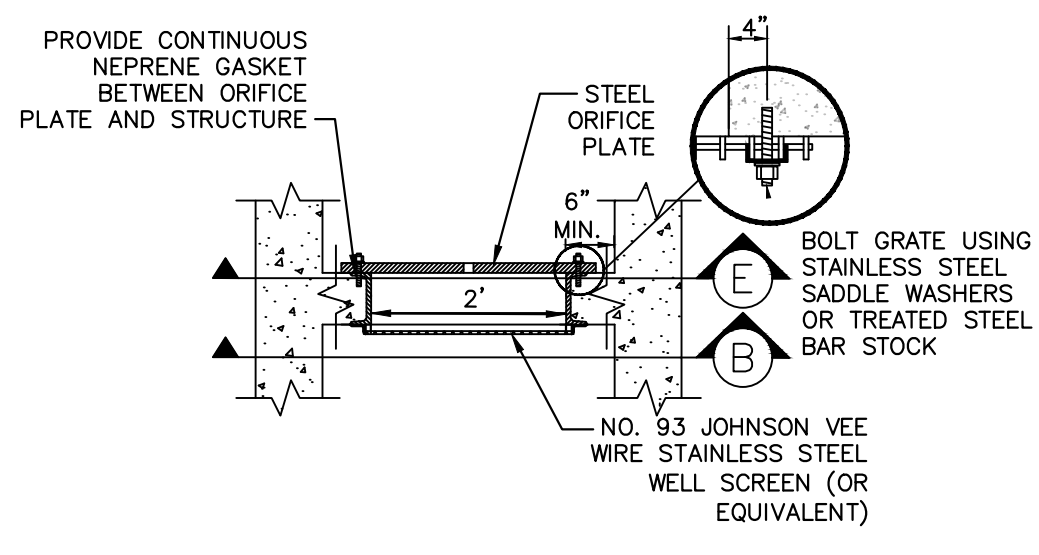
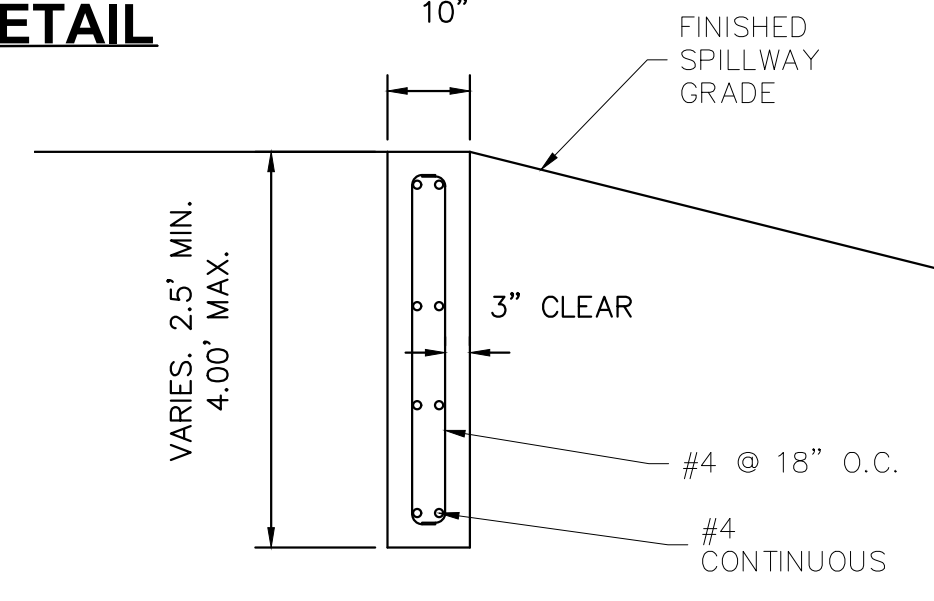
User Input: Outlet Pipe w/ Flow Restriction Plate (Circular Orifice, Restrictor Plate, or Rectangular Orifice)

	Zone 3 Restrictor	Not Selected	
Depth to Invert of Outlet Pipe =	0.25	N/A	ft (distance below basin bot)
Outlet Pipe Diameter =	108.00	N/A	inches
Restrictor Plate Height Above Pipe Invert =	52.00		inches

provide plan view of the outlet structure and show the steps location and details.



- ORIFICE PLATE NOTES**
1. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE.
 2. BOLT PLATE TO CONCRETE 12" MAX. ON CENTER. WITH A PLATE THICKNESS OF 0.25".
- EURV AND WQCV TRASH RACKS**
1. WELL-SCREEN TRASH RACKS SHALL BE STAINLESS STEEL AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
 2. BAR GATE TRASH RACKS SHALL BE ALUMINUM AND SHALL BE BOLTED USING STAINLESS STEEL HARDWARE.
 3. TRASH RACK OPEN AREAS ARE FOR SPECIFIED TRASH RACK MATERIALS. TOTAL TRASH RACK SIZE MAY NEED TO BE ADJUSTED FOR MATERIALS HAVING DIFFERENT OPEN AREA/GROSS AREA RATIO (R VALUE).
 4. STRUCTURAL DESIGN OF TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.
- OVERFLOW SAFETY GRATES**
1. ALL SAFETY GRATES SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE AND PROVIDED WITH HINGED AND LOCKABLE OR BOLTABLE ACCESS PANELS.
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PROJECT NO. 196106001
SHEET 37

K:\COS_Civil\196288000_Eagleview\CADD\PlanSheets\CDs_CD_PND-SUB.dwg Schmelbach, Ryan 12/23/2022 10:06 AM

ORIFICE PLATE NOTES

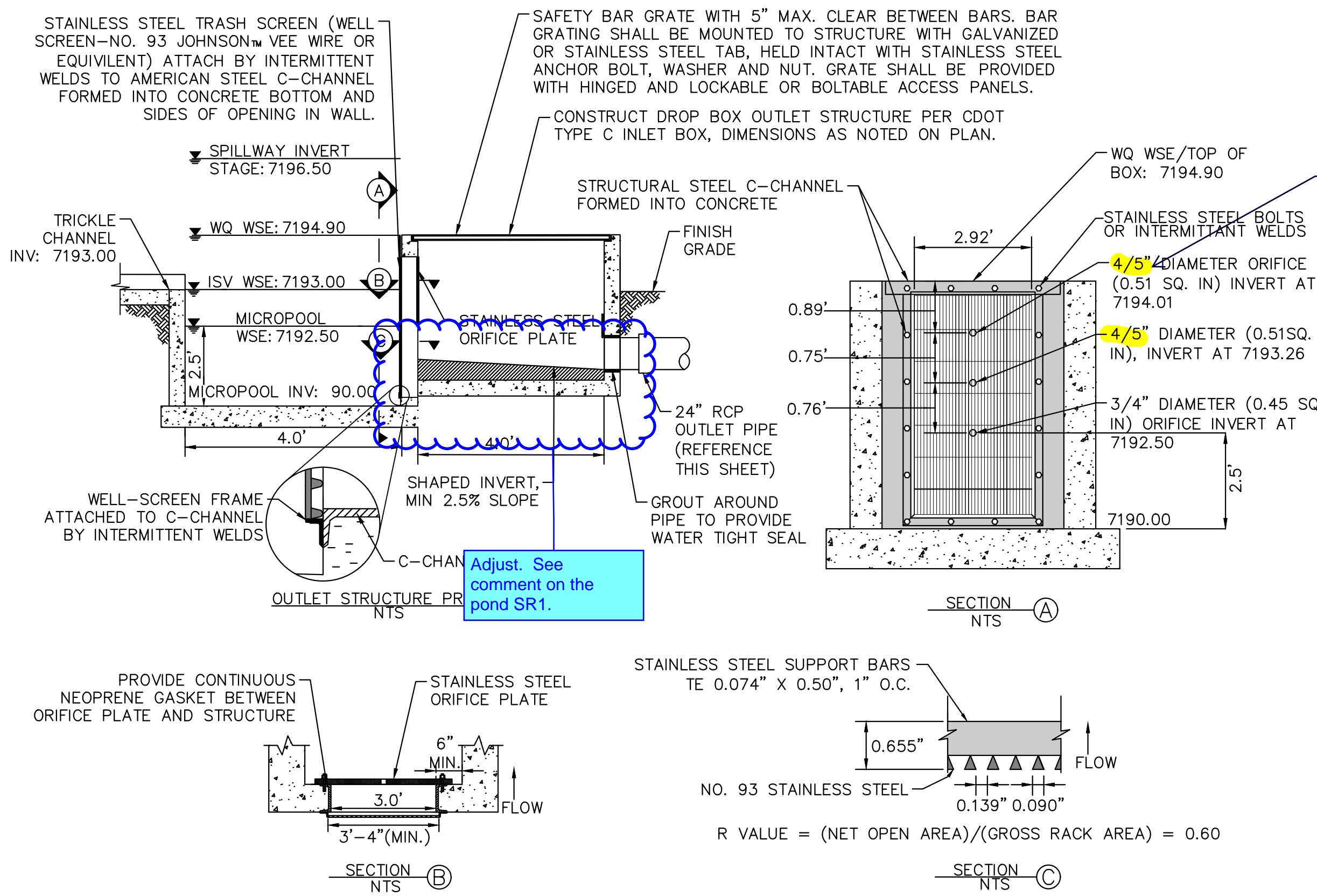
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WELL-SCREEN TRASH RACKS

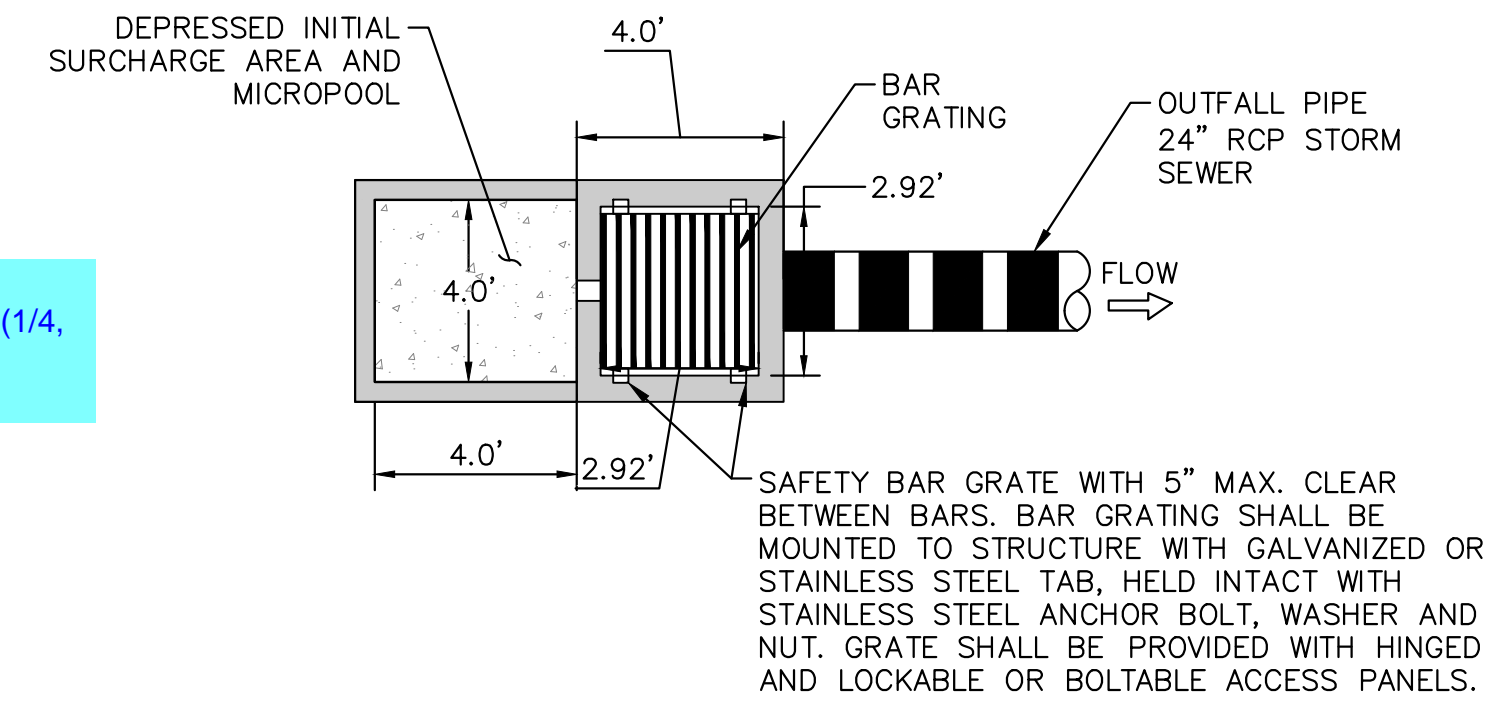
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OVERFLOW SAFETY GRATES

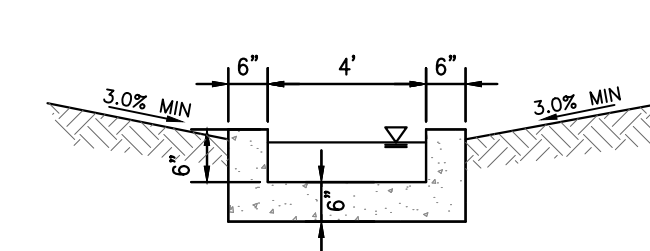
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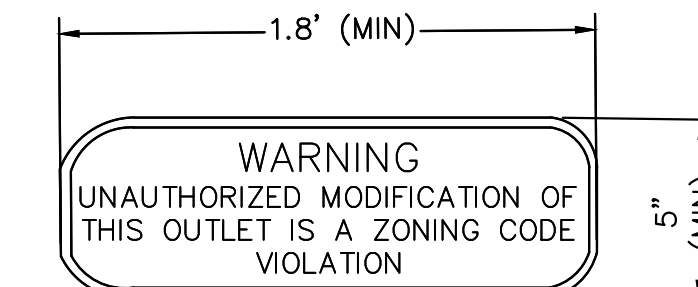
OUTLET STRUCTURE PROFILE DETAIL
N.T.S.



OUTLET STRUCTURE PLAN VIEW DETAIL
N.T.S.

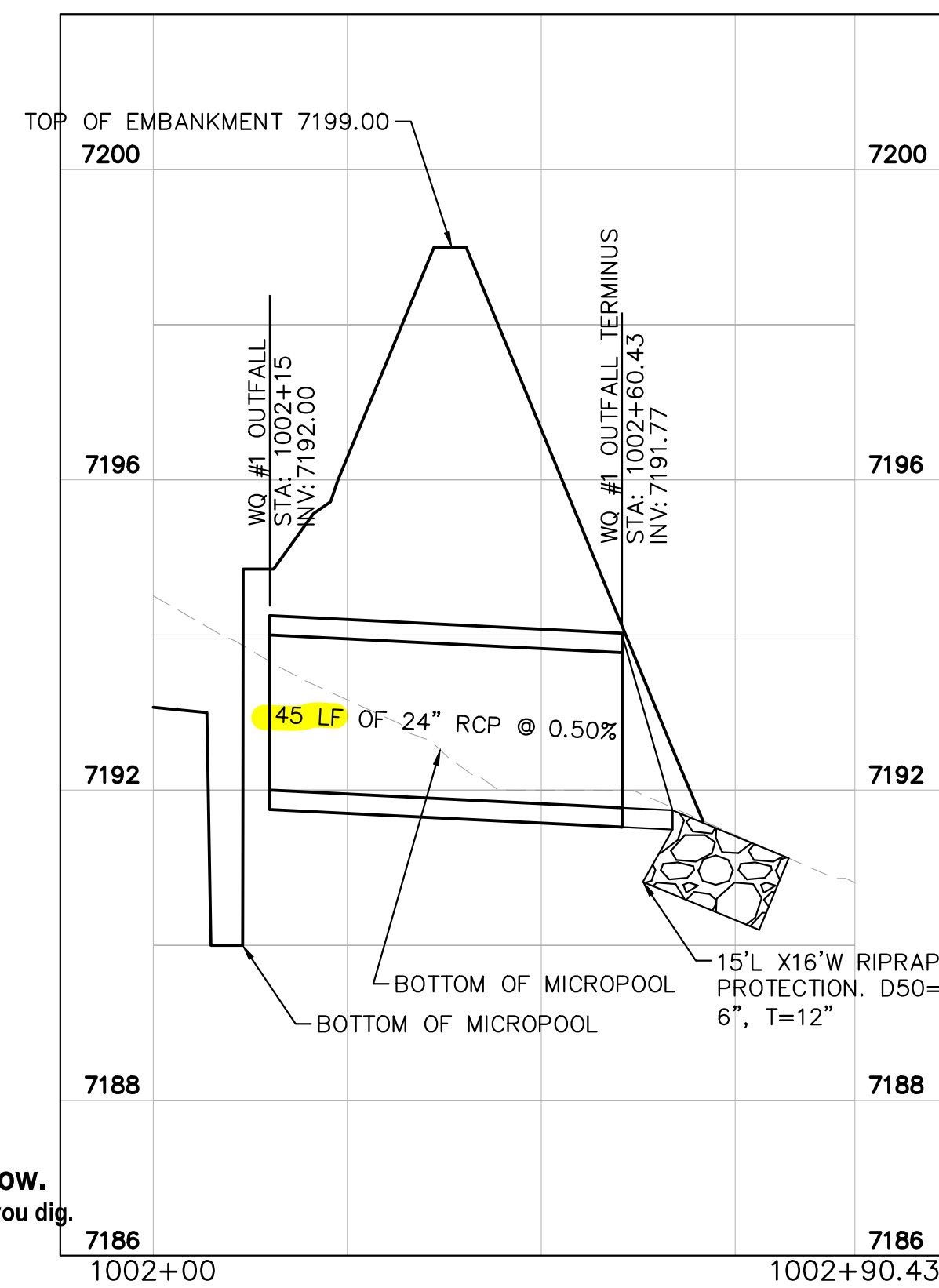


CONCRETE TRICKLE CHANNEL
1"=5"

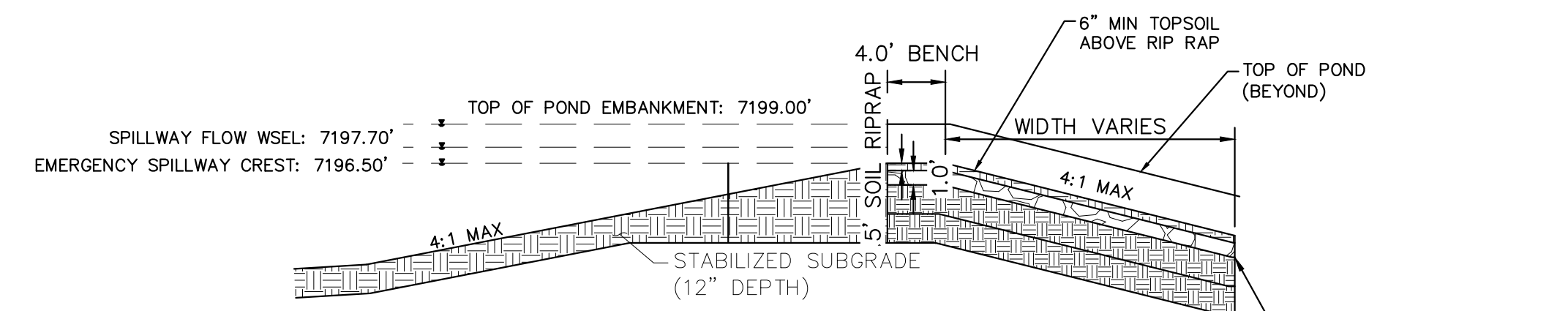


OUTLET SIGNAGE
N.T.S.

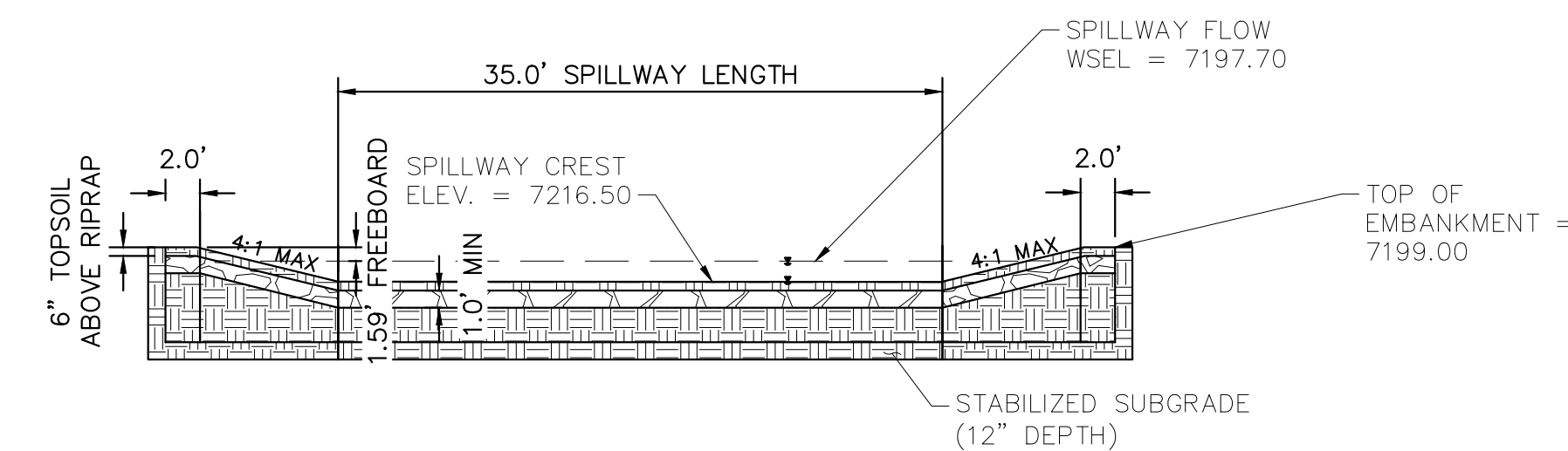
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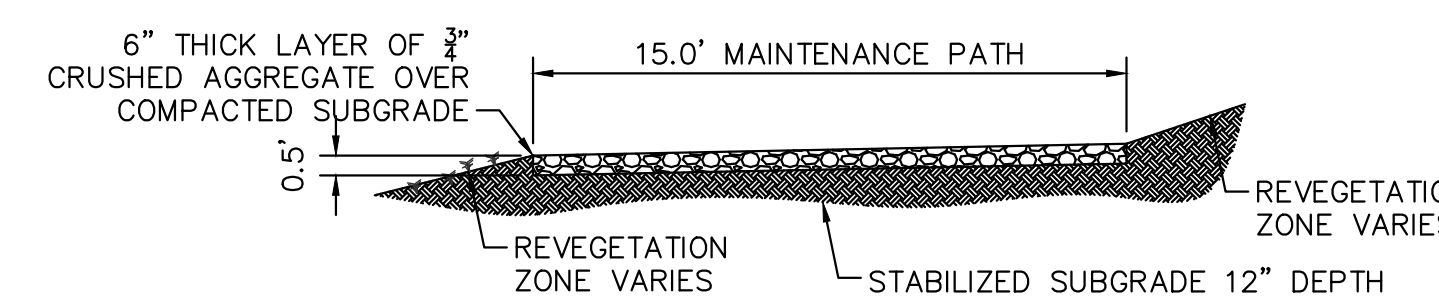
WATER QUALITY #1 OUTFALL
1"=20'



EMERGENCY SPILLWAY DETAILS
1"=10'



EMERGENCY SPILLWAY
1"=10'



MAINTENANCE ROAD
1"=5"

- MAINTENANCE PATH NOTES**
1. MAINTENANCE PATH SHALL INCLUDE SUBGRADE PREPARATION, GRAVEL BASE, AND COMPACTION.



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EAGLEVIEW
EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
WATER QUALITY POND #1 DETAILS

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Kimley-Horn and Associates, Inc.

PROJECT NO.
196106001
SHEET
39

ORIFICE PLATE NOTES

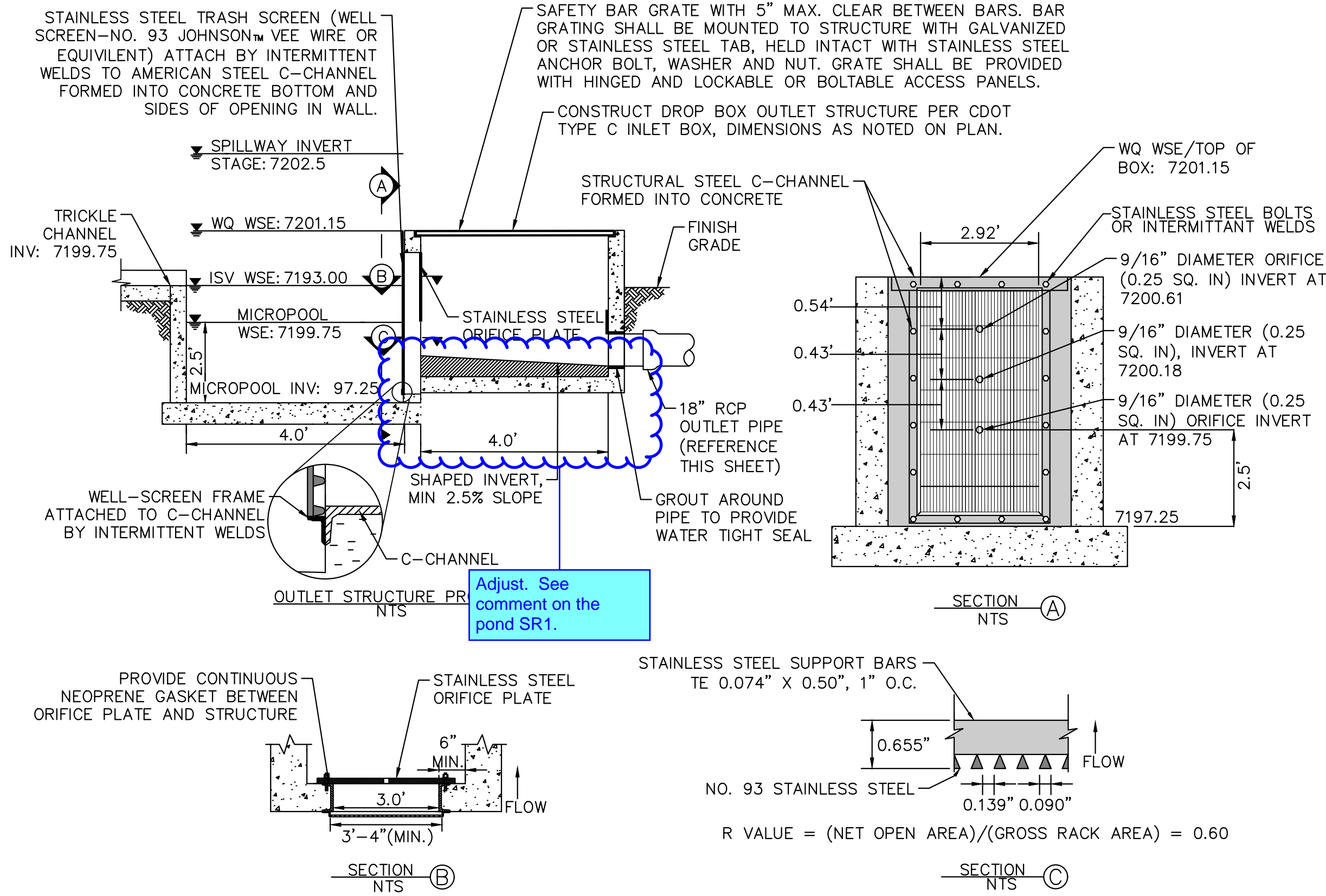
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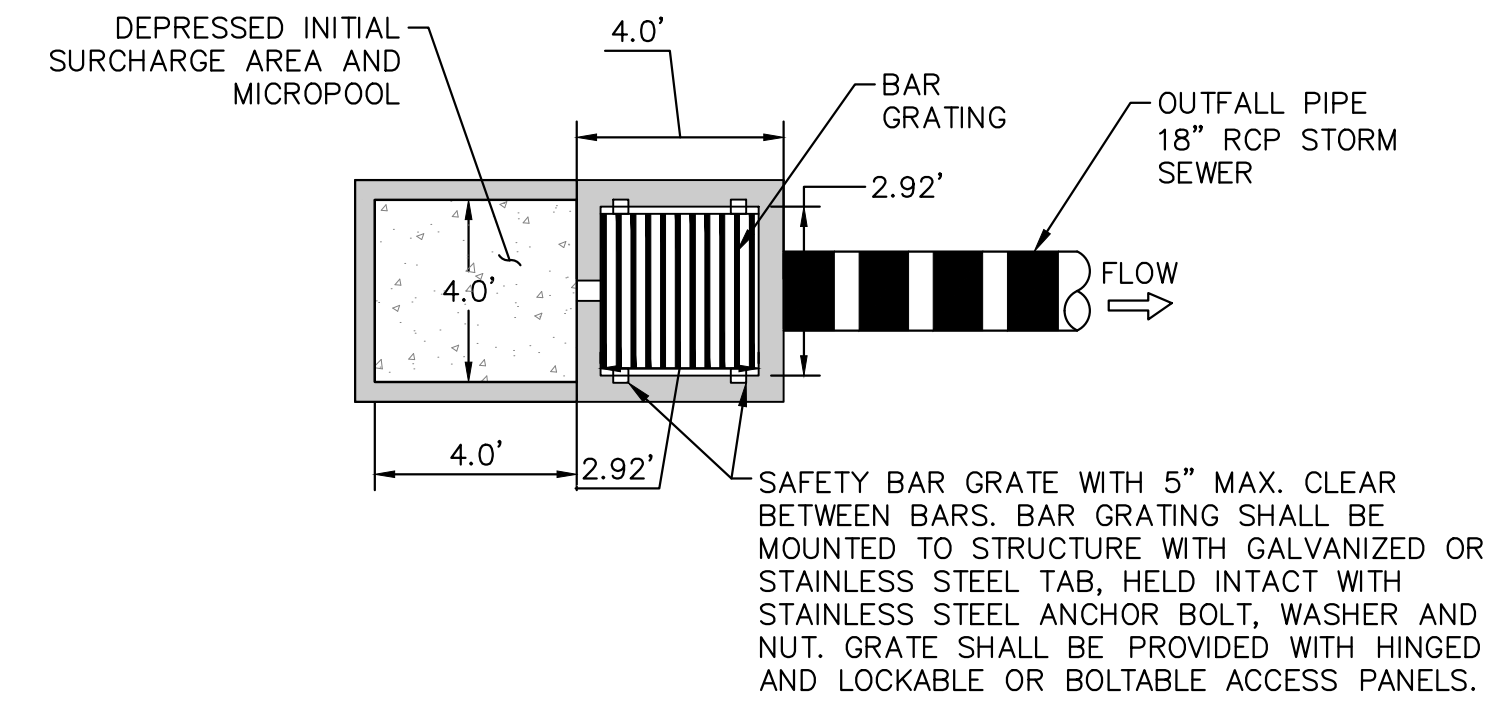
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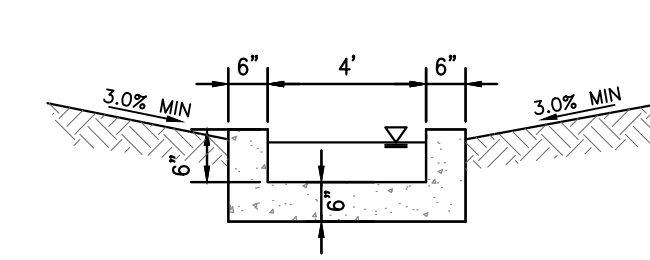


OUTLET STRUCTURE PROFILE DETAIL
N.T.S.

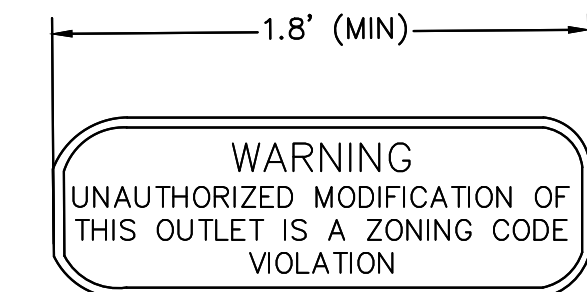
Show/label steps in the outlet structure.



OUTLET STRUCTURE PLAN VIEW DETAIL
N.T.S.

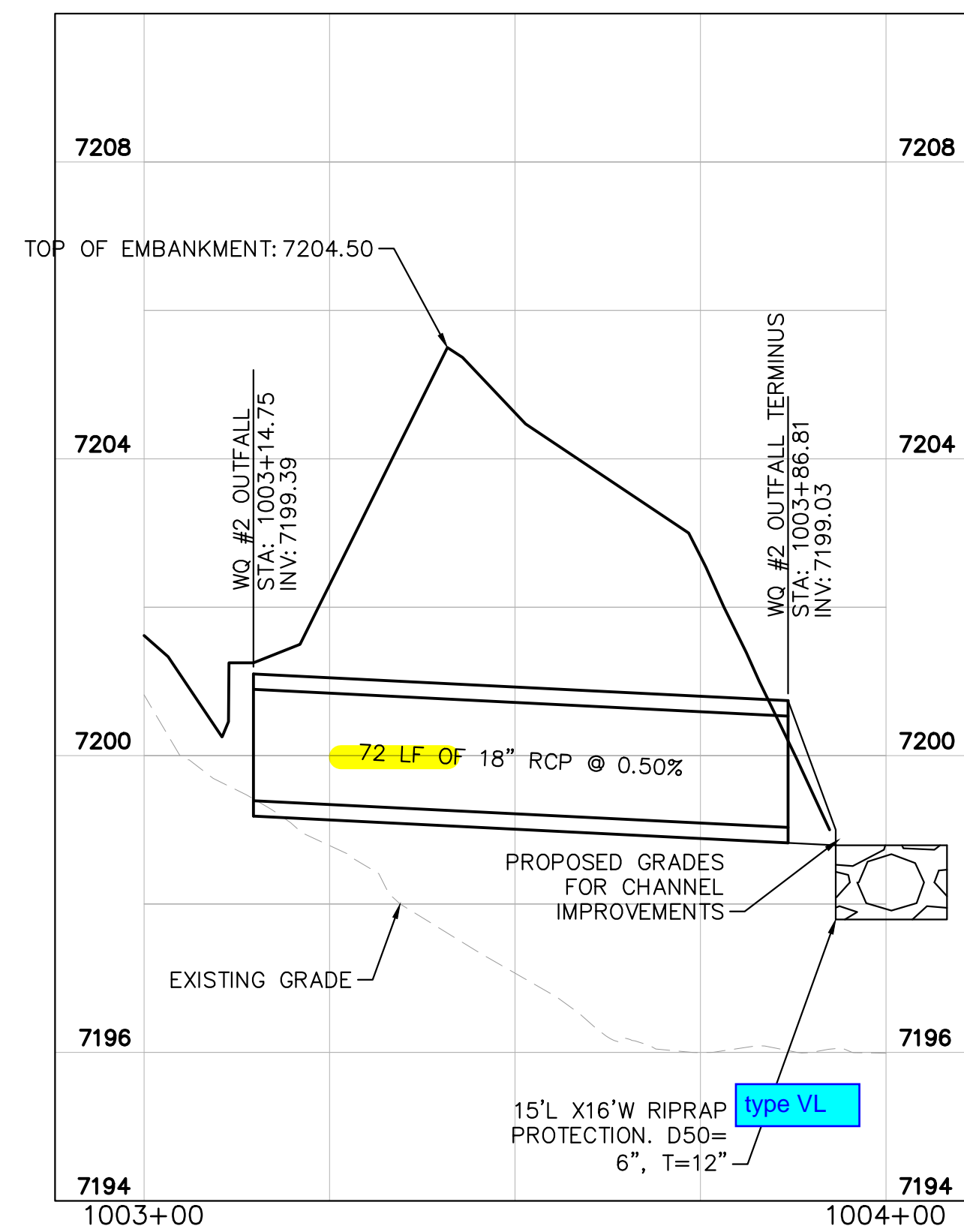


CONCRETE TRICKLE CHANNEL
1"=5"

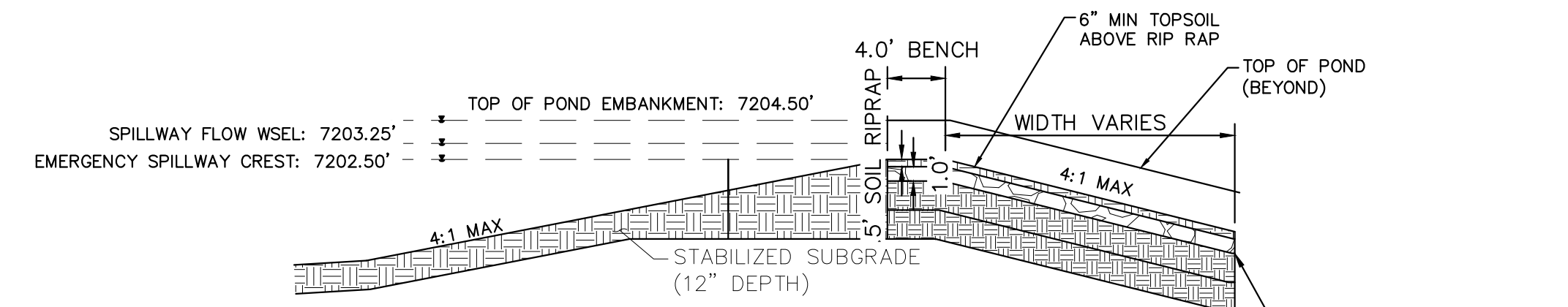


OUTLET SIGNAGE
N.T.S.

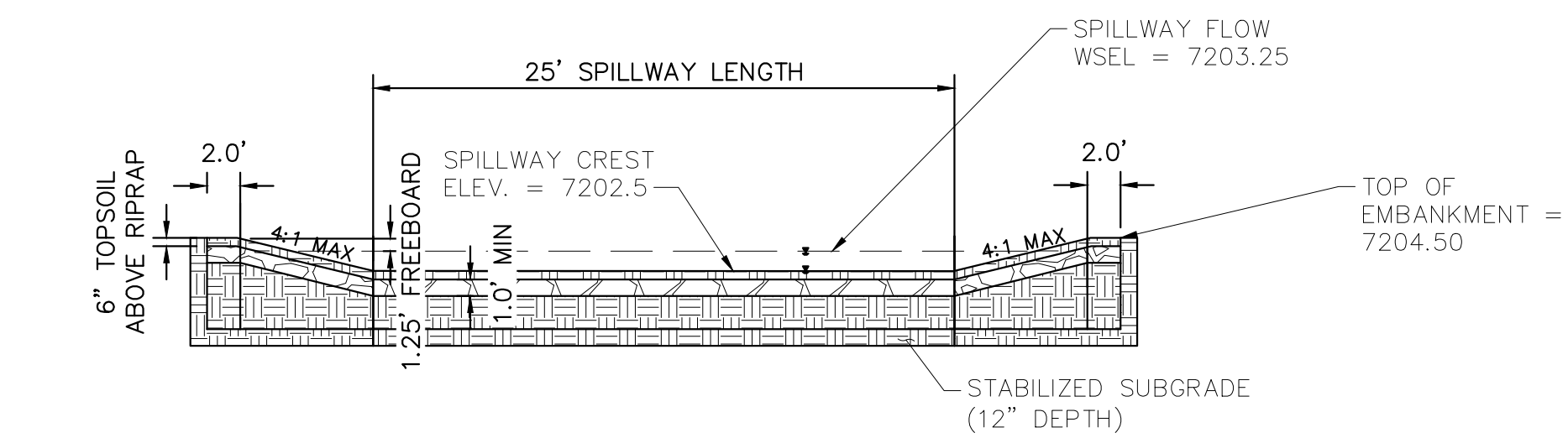
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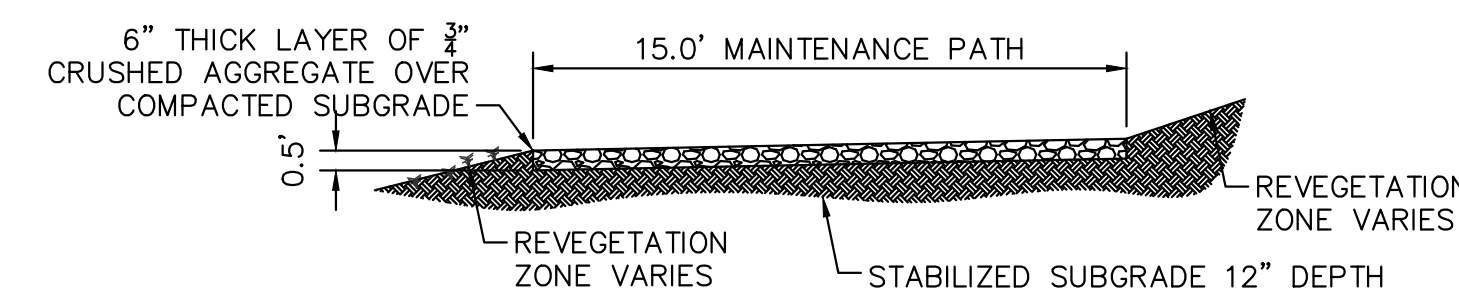
WATER QUALITY #2 OUTFALL
1"=20'



EMERGENCY SPILLWAY DETAILS
1"=10'



EMERGENCY SPILLWAY
1"=10'



MAINTENANCE ROAD
1"=5'

- MAINTENANCE PATH NOTES**
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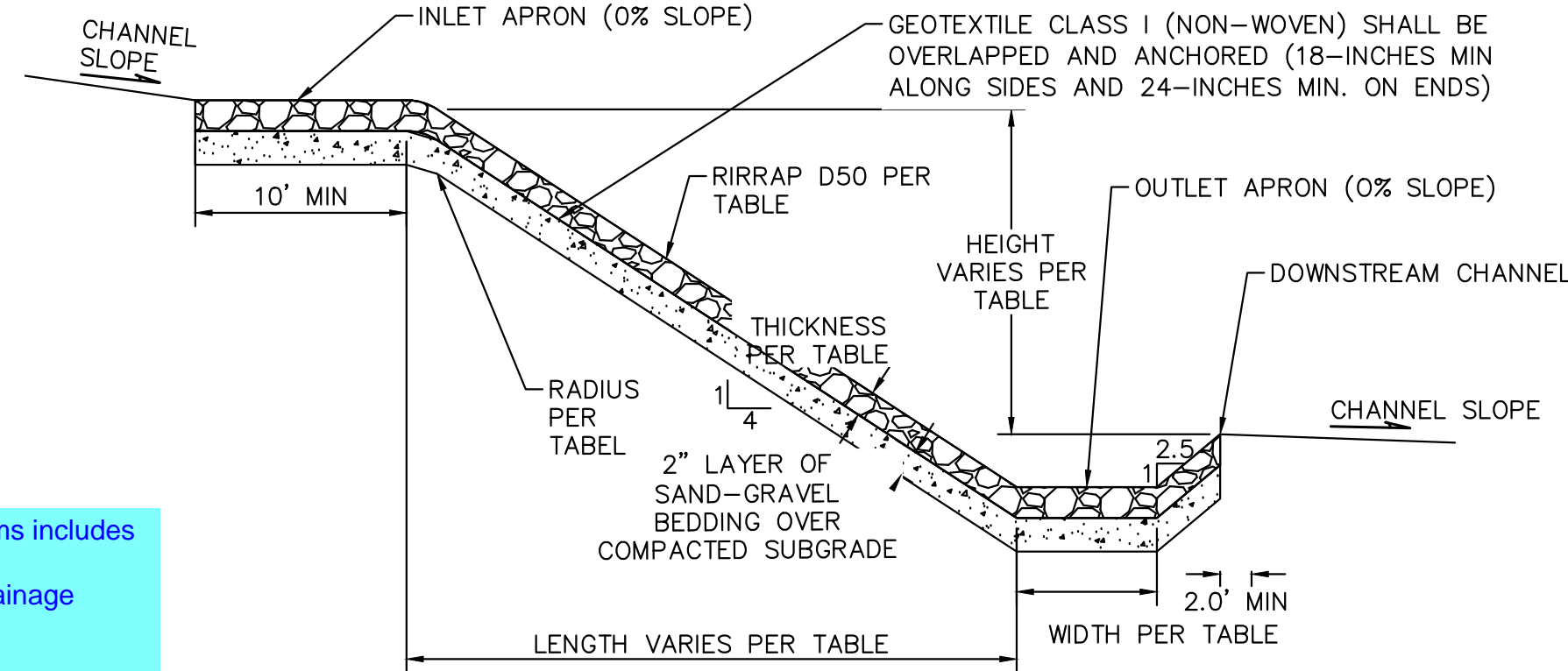
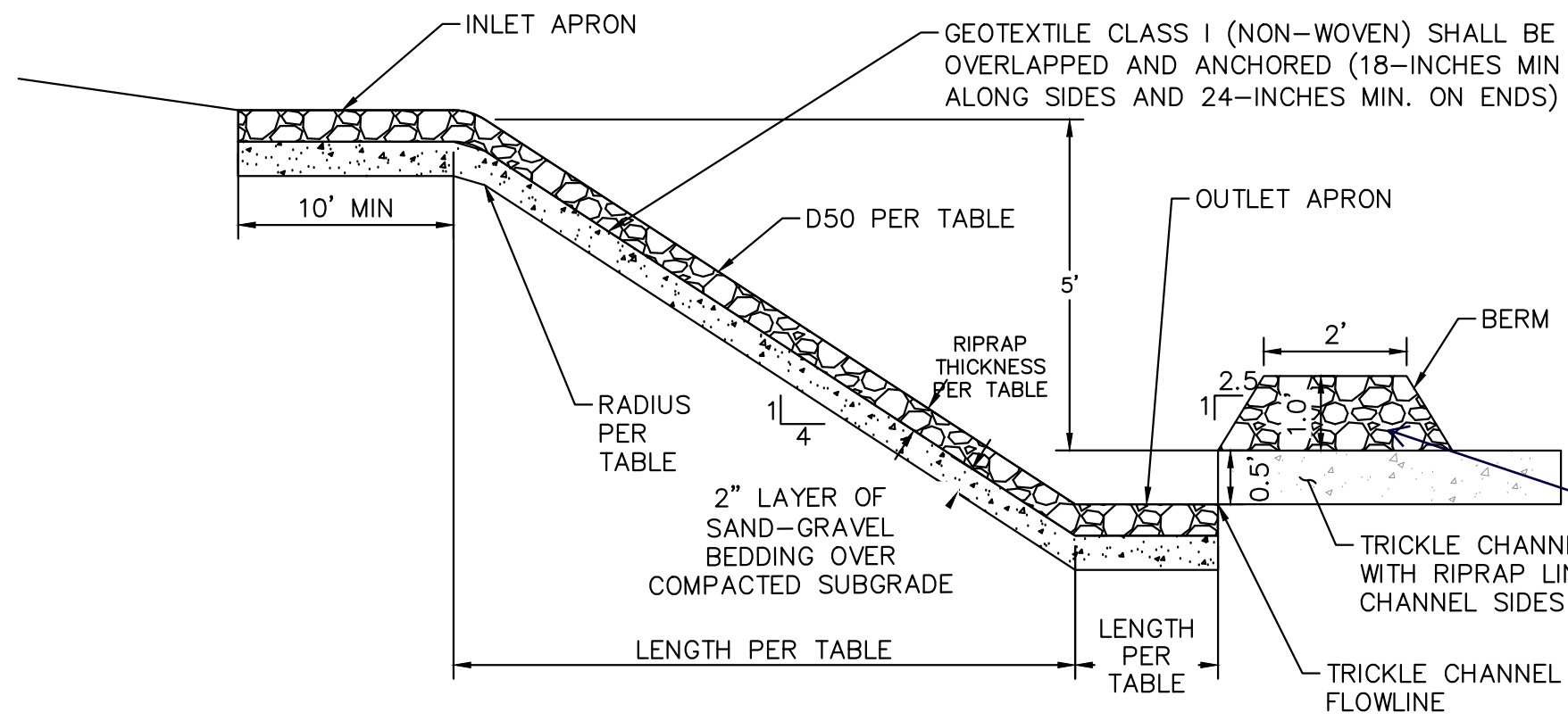
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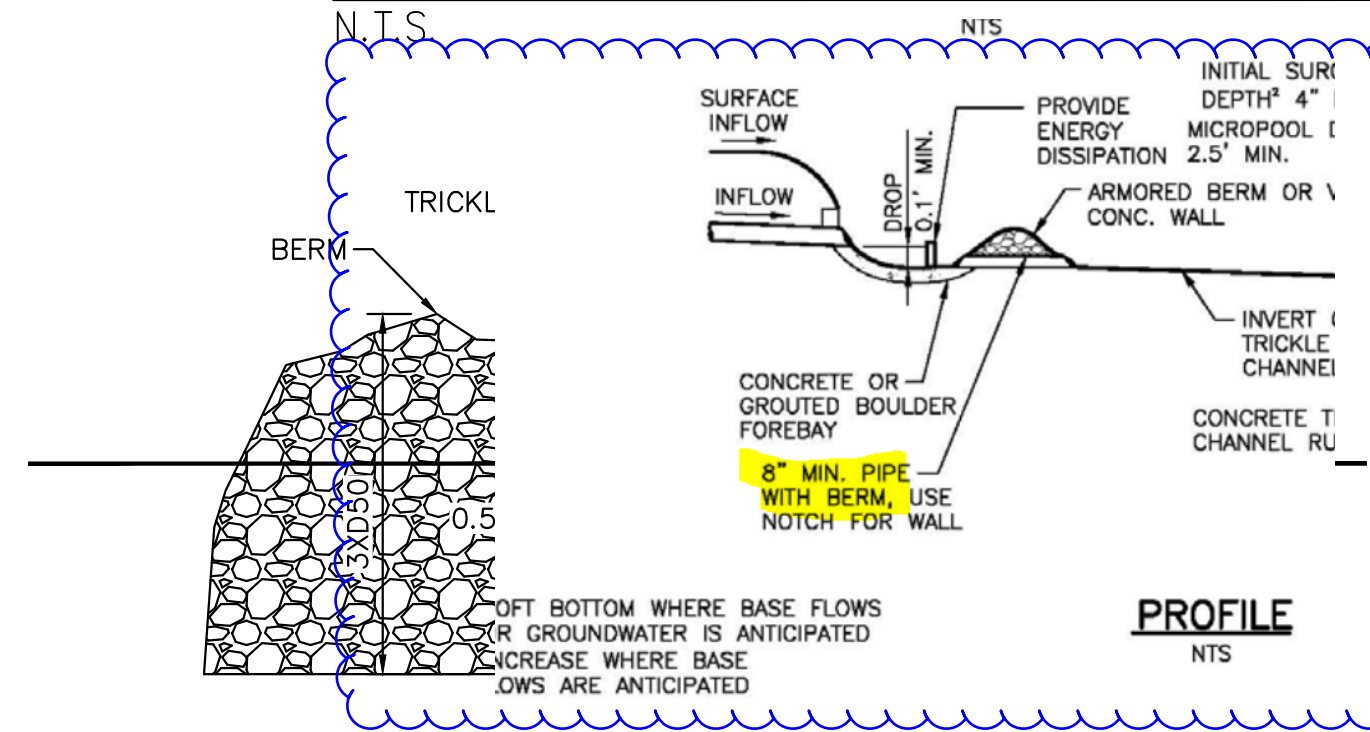
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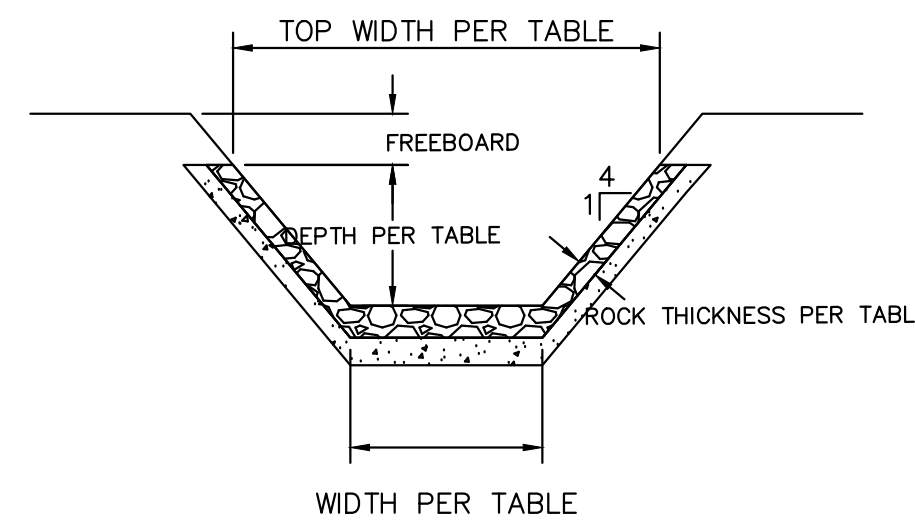
ROCK CHUTE PROFILE- CROSS SECTION -INTO POND/ FOREBAY APPLICATION



forebay if the watershed is not fully developed.

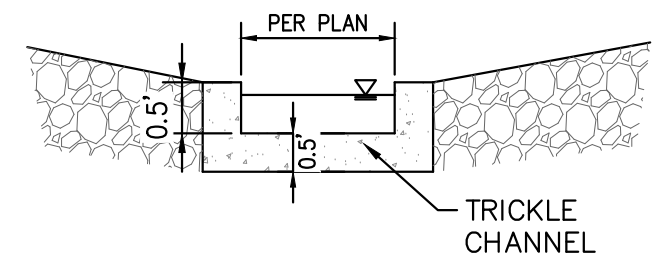
The forebay outlet should be sized to release 2% of the undetained peak 100-year discharge. A soil riprap berm with 3:1 sideslopes (or flatter) and a pipe outlet or a concrete wall with a notch outlet should be constructed between the forebay and the main EDB. It is recommended that the berm/pipe configuration be reserved for watersheds in excess of 20 impervious acres to accommodate the minimum recommended pipe diameter of 8 inches. When using the berm/pipe configuration, round up to the nearest standard pipe size and use a minimum diameter of 8 inches. The floor of the forebay should be concrete or lined with grouted boulders to define sediment removal limits. With either configuration, soil riprap should also be provided on the downstream side of the forebay berm or wall if the downstream grade is lower than the top of the berm or wall. The forebay will overtop frequently so this protection is necessary for erosion control. All soil riprap in the area of the forebay should be seeded and erosion control fabric should be placed to retain the seed in this high flow area.

ROCK CHUTE PROFILE- CROSS SECTION



ROCK CHUTE PROFILE- INTO POND/FOREBAY APPLICATION

N.T.S.



ROCK CHUTE TO TRICKLE CHANNEL TRANSITION- INTO POND/FOREBAY APPLICATION

N.T.S.

Rock Chute ID	Rock Chute Location	Contributing Basins	Q100 Flow (cfs)	Upstream Inlet Apron Length (ft)	Drop (ft) (Inlet Apron to Outlet Apron)	Chute Length (ft)	Downstream Outlet Apron Length (ft)	Chute Width (ft)	D50 (in)	Rock Chute Thickness (in)	Radius (ft)	Rock Chute Depth* (ft)	Top Chute Width** (ft)
1	PB9	PB9(70%), OB6, OB7	415	20	9	45	29	22	24	48	67	4.0	54
2	PB8	PB8 (70%), OB5	128	10	17	68	18	22	18	36	50	2.5	42
3	PB8	PB8 (40%), OB5	120	12	8	40	19	14	18	36	50	3.0	38
4	PB8	PB8 (30%)	10	10	4	12	7	14	6	12	17	1.5	26
5	PB8	Undetained 100YR Pond Inflow	490	23	7	175	13	20	12	24	33	5.0	60
6	PB14	OB8, PB11, PB14 (10%)	85	11	7	64	15	10	18	36	50	3.0	34
7	PB15	PB6, PB7, PB15(55%)	43	10	6	24	13	14	12	24	33	2.0	30
8	PB15	OB2, OB3, OB4, PB3, PB4, PB5, PB15 (10%)	185	14	5	20	23	18	24	48	67	3.5	46
9	PB10	PB10 (20%)	4	10	9	30	9	2	9	18	25	2.0	18

K:\COS_Civil\196288000_Eagleview\CADD\PlanSheets\CDS\CD_ROCK CHUTE DTL.dwg Schmelbach, Ryan 12/23/2022 10:08 AM



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