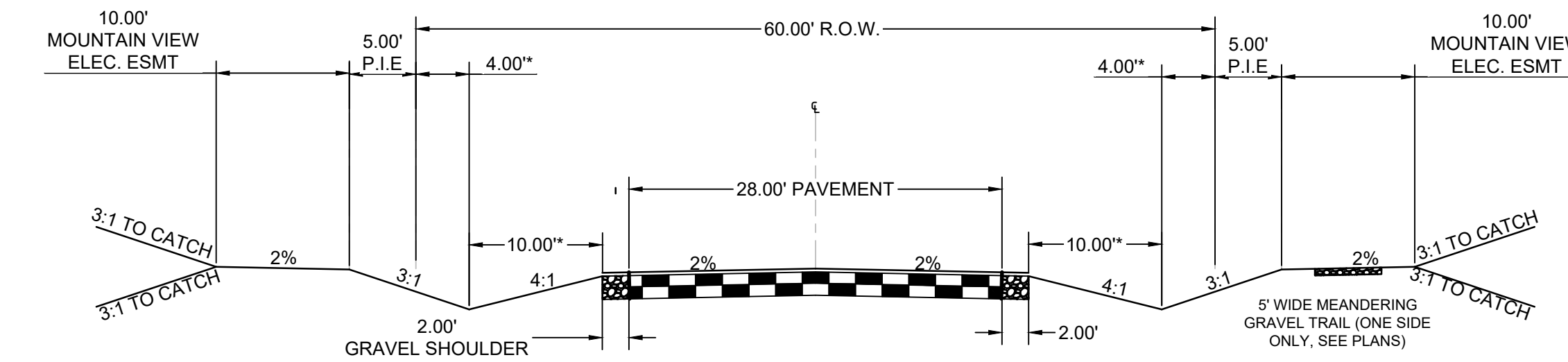
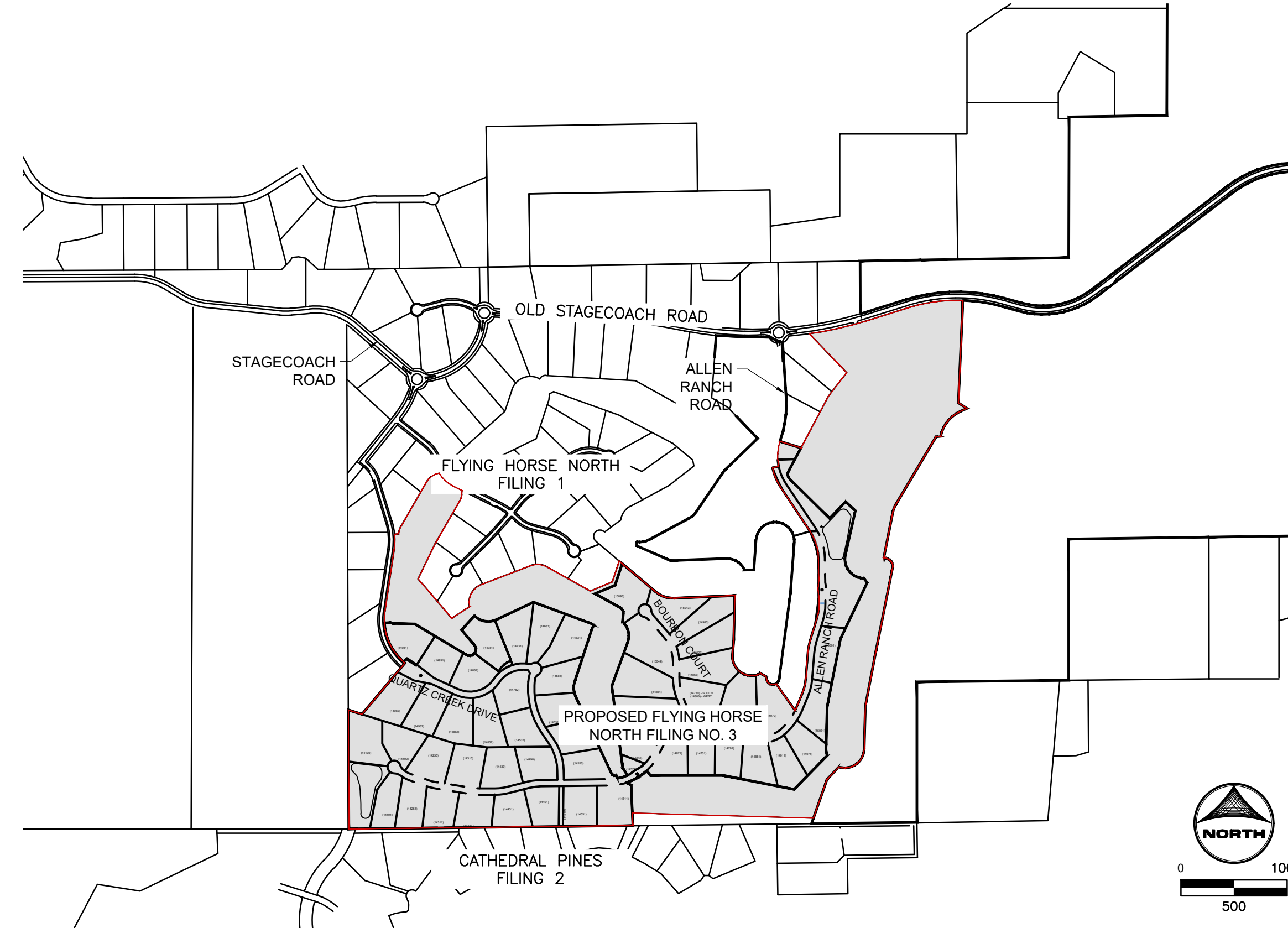


FLYING HORSE NORTH FILING NO. 3 CONSTRUCTION DOCUMENTS

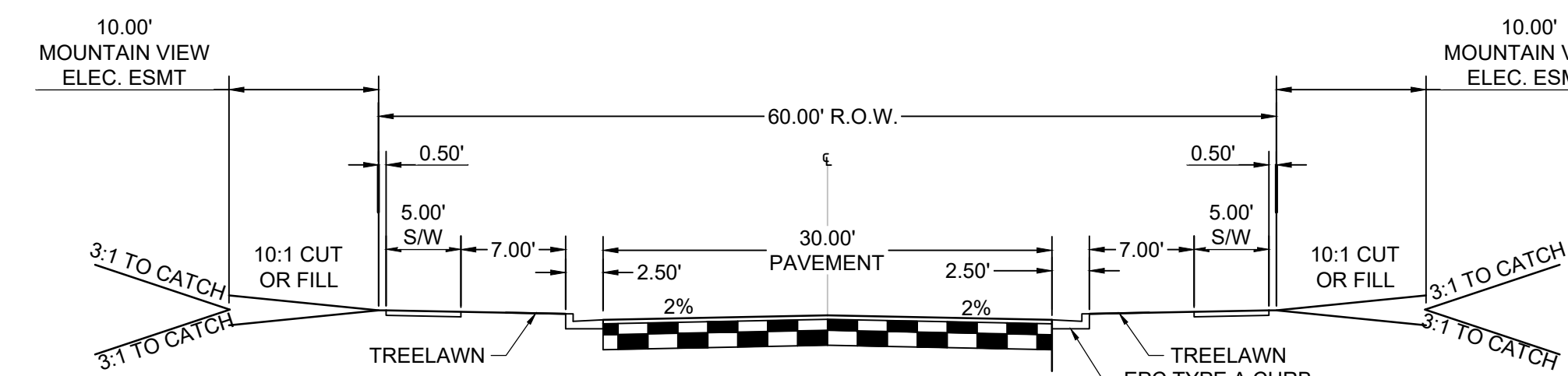
A TRACT OF LAND BEING A PORTION OF SECTION 36, TOWNSHIP 11 SOUTH,
RANGE 66 WEST OF THE 6TH P.M., AND A PORTION OF THE NORTHWEST QUARTER OF
SECTION 31, TOWNSHIP 11 SOUTH, RANGE 65 WEST OF THE 6TH P.M.,
CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, STATE OF COLORADO



TYPICAL RURAL LOCAL CROSS SECTION

DESIGN SPEED: 30 MPH | POSTED SPEED: 30 MPH

SCALE: 1"=10'
(ROADS USING THIS SECTION: A PORTION OF ALLEN RANCH ROAD,
QUARTZ CREEK DRIVE, WATERHOLE WAY, & BOURBON COURT)
* DIMENSION MAY VARY FOR EXPANDED DITCH SECTION AS
CALLED OUT ON PLANS



**TYPICAL MODIFIED URBAN RESIDENTIAL LOCAL
CROSS SECTION**

DESIGN SPEED: 25 MPH | POSTED SPEED: 25 MPH

SCALE: 1"=10'
(ROADS USING THIS SECTION: A PORTION OF ALLEN RANCH ROAD)

LEGAL DESCRIPTION:

A TRACT OF LAND BEING A PORTION OF SECTION 36, TOWNSHIP 11 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, AND A PORTION OF THE NORTHWEST QUARTER OF SECTION 31, TOWNSHIP 11 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, THE BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BASIS OF BEARINGS:

THE NORTH LINE OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 36, TOWNSHIP 11 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, BEING MONUMENTED AT THE WEST END BY A 1" YELLOW PLASTIC CAP STAMPED "18235" AND THE EAST END BY A 2" ALUMINUM CAP STAMPED "32439" WITH APPROPRIATE MARKINGS, IS ASSUMED TO BEAR N89°03'58"E A DISTANCE OF 1,332.09 FEET.

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 36, TOWNSHIP 11 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, SAID POINT BEING THE POINT OF BEGINNING; THENCE N00°14'34"W, ON THE WEST LINE OF SAID SECTION 36, A DISTANCE OF 1,120.17 FEET TO THE SOUTHWESTERLY CORNER OF SAID FLYING HORSE NORTH FILING NO. 1 AS RECORDED UNDER RECEPTION NO. 218714238;

THENCE ON THE SOUTHERLY BOUNDARY OF SAID FLYING HORSE NORTH FILING NO. 1 THE FOLLOWING NINE (9) COURSES:

1. S72°33'10"E A DISTANCE OF 134.21 FEET;
2. N40°01'04"E A DISTANCE OF 569.80 FEET;
3. N39°52'02"E A DISTANCE OF 60.00 FEET TO A POINT ON CURVE;
4. ON THE ARC OF A CURVE TO THE RIGHT WHOSE CENTER BEARS N38°52'02"E, HAVING A DELTA OF 48°03'23", A RADIUS OF 520.00 FEET, A DISTANCE OF 436.14 FEET TO A POINT ON CURVE;
5. N85°52'52"E A DISTANCE OF 48.85 FEET TO A POINT ON CURVE;
6. ON THE ARC OF A CURVE TO THE LEFT WHOSE CENTER BEARS N28°22'34"E, HAVING A DELTA OF 26°35'09", A RADIUS OF 60.00 FEET, A DISTANCE OF 27.84 FEET TO A POINT OF TANGENT;
7. S89°37'09"E A DISTANCE OF 210.24 FEET;
8. S59°10'56"E A DISTANCE OF 565.00 FEET TO A POINT OF CURVE;
9. ON THE ARC OF A CURVE TO THE LEFT HAVING A DELTA OF 82°31'23", A RADIUS OF 60.00 FEET, A DISTANCE OF 86.42 FEET TO A POINT ON CURVE, SAID POINT BEING ON THE WESTERLY BOUNDARY OF FLYING HORSE NORTH FILING NO. 2 RECORDED UNDER RECEPTION NO. 222715009;

THENCE ON THE BOUNDARY OF SAID FLYING HORSE NORTH FILING NO. 2 THE FOLLOWING FOUR (4) COURSES:

1. S52°59'28"E A DISTANCE OF 282.69 FEET;
2. N31°14'50"E A DISTANCE OF 8.64 FEET TO A POINT OF CURVE;
3. ON THE ARC OF A CURVE TO THE RIGHT HAVING A DELTA OF 37°09'00", A RADIUS OF 231.00 FEET, A DISTANCE OF 149.78 FEET TO A POINT ON CURVE;
4. THENCE N21°50'10"W A DISTANCE OF 407.62 FEET TO A POINT ON CURVE SAID POINT BEING ON THE SOUTHERLY BOUNDARY OF SAID FLYING HORSE NORTH FILING NO. 1;

THENCE ON THE BOUNDARY OF SAID FLYING HORSE NORTH FILING NO. 1 THE FOLLOWING TWENTY-EIGHT (28) COURSES:

1. ON THE ARC OF A CURVE TO THE LEFT WHOSE CENTER BEARS N20°27'45"W, HAVING A DELTA OF 04°42'48", A RADIUS OF 180.00 FEET, A DISTANCE OF 14.81 FEET TO A POINT OF TANGENT;
2. N64°49'27"E A DISTANCE OF 387.40 FEET;
3. S69°37'09"E A DISTANCE OF 609.64 FEET TO A POINT ON CURVE;
4. ON THE ARC OF A CURVE TO THE LEFT WHOSE CENTER BEARS S53°58'28"E, HAVING A DELTA OF 17°58'26", A RADIUS OF 182.00 FEET, A DISTANCE OF 57.09 FEET TO A POINT OF TANGENT;
5. S18°03'07"W A DISTANCE OF 513.19 FEET TO A POINT OF CURVE;
6. ON THE ARC OF A CURVE TO THE LEFT HAVING A DELTA OF 42°54'04", A RADIUS OF 180.00 FEET, A DISTANCE OF 134.78 FEET TO A POINT OF TANGENT;
7. S24°50'58"E A DISTANCE OF 794.30 FEET TO A POINT ON CURVE;
8. ON THE ARC OF A CURVE TO THE LEFT WHOSE CENTER BEARS N64°45'42"E, HAVING A DELTA OF 62°51'48", A RADIUS OF 60.00 FEET, A DISTANCE OF 65.83 FEET TO A POINT ON CURVE;
9. S28°40'51"E A DISTANCE OF 24.35 FEET TO A POINT ON CURVE;
10. ON THE ARC OF A CURVE TO THE LEFT WHOSE CENTER BEARS N10°33'41"W, HAVING A DELTA OF 11°46'40", A RADIUS OF 470.00 FEET, A DISTANCE OF 96.61 FEET TO A POINT ON CURVE;
11. N32°14'22"W A DISTANCE OF 83.48 FEET;
12. N07°36'57"W A DISTANCE OF 778.36 FEET;
13. N19°59'12"E A DISTANCE OF 445.86 FEET TO A POINT ON CURVE;
14. ON THE ARC OF A CURVE TO THE LEFT WHOSE CENTER BEARS N72°45'28"W, HAVING A DELTA OF 65°10'59", A RADIUS OF 180.00 FEET, A DISTANCE OF 204.78 FEET TO A POINT ON CURVE;
15. N05°55'12"E A DISTANCE OF 73.84 FEET TO A POINT OF CURVE;
16. ON THE ARC OF A CURVE TO THE LEFT HAVING A DELTA OF 66°48'26", A RADIUS OF 60.00 FEET, A DISTANCE OF 69.96 FEET TO A POINT OF TANGENT;
17. N60°53'14"W A DISTANCE OF 270.58 FEET;
18. N07°30'10"E A DISTANCE OF 203.94 FEET;
19. N18°24'34"E A DISTANCE OF 216.03 FEET;
20. S49°40'30"E A DISTANCE OF 407.47 FEET TO A POINT OF CURVE;
21. ON THE ARC OF A CURVE TO THE LEFT HAVING A DELTA OF 42°44'34", A RADIUS OF 260.00 FEET, A DISTANCE OF 193.96 FEET TO A POINT OF TANGENT;
22. N07°34'56"E A DISTANCE OF 670.22 FEET;
23. S01°27'54"W A DISTANCE OF 421.65 FEET;
24. S04°30'48"W A DISTANCE OF 138.74 FEET TO A POINT OF CURVE;
25. ON THE ARC OF A CURVE TO THE LEFT HAVING A DELTA OF 122°48'26", A RADIUS OF 180.00 FEET, A DISTANCE OF 385.81 FEET TO A POINT ON CURVE;
26. S59°17'06"E A DISTANCE OF 69.71 FEET;
27. S09°25'47"E A DISTANCE OF 25.35 FEET TO A POINT OF CURVE;
28. ON THE ARC OF A CURVE TO THE LEFT HAVING A DELTA OF 111°48'10", A RADIUS OF 60.00 FEET, A DISTANCE OF 117.04 FEET TO A POINT ON CURVE;

THENCE S35°14'00"E A DISTANCE OF 310.03 FEET TO A POINT ON CURVE; THENCE ON THE ARC OF A CURVE TO THE LEFT WHOSE CENTER BEARS N65°06'43"W, HAVING A DELTA OF 02°22'21", A RADIUS OF 470.00 FEET A DISTANCE OF 19.46 FEET TO A POINT OF TANGENT; THENCE N22°30'56"E A DISTANCE OF 152.89 FEET TO A POINT OF CURVE;

THENCE ON THE ARC OF A CURVE TO THE LEFT HAVING A DELTA OF 17°59'00", A RADIUS OF 470.00 FEET A DISTANCE OF 147.52 FEET TO A POINT OF TANGENT; THENCE N04°31'56"E A DISTANCE OF 244.95 FEET TO A POINT OF CURVE; THENCE ON THE ARC OF A CURVE TO THE RIGHT HAVING A DELTA OF 12°33'58", A RADIUS OF 530.00 FEET A DISTANCE OF 116.24 FEET TO A POINT OF TANGENT; THENCE N17°05'54"E A DISTANCE OF 216.15 FEET TO A POINT OF CURVE; THENCE ON THE ARC OF A CURVE TO THE LEFT HAVING A DELTA OF 17°54'41", A RADIUS OF 470.00 FEET A DISTANCE OF 146.83 FEET TO A POINT OF TANGENT; THENCE N00°48'47"W A DISTANCE OF 40.27 FEET TO A POINT OF CURVE; THENCE ON THE ARC OF A CURVE TO THE LEFT HAVING A DELTA OF 11°16'06", A RADIUS OF 187.00 FEET A DISTANCE OF 36.78 FEET TO A POINT OF REVERSE CURVE; THENCE ON THE ARC OF A CURVE TO THE RIGHT HAVING A DELTA OF 11°16'06", A RADIUS OF 228.00 FEET A DISTANCE OF 44.84 FEET TO A POINT OF TANGENT; THENCE N00°48'47"W A DISTANCE OF 10.02 FEET TO A POINT OF CURVE; THENCE ON THE ARC OF A CURVE TO THE RIGHT HAVING A DELTA OF 11°16'06", A RADIUS OF 228.00 FEET, A DISTANCE OF 44.84 FEET TO A POINT OF REVERSE CURVE; THENCE ON THE ARC OF A CURVE TO THE LEFT HAVING A DELTA OF 11°16'06", A RADIUS OF 187.00 FEET A DISTANCE OF 36.78 FEET TO A POINT OF TANGENT; THENCE N00°48'47"W A DISTANCE OF 209.02 FEET TO A POINT OF CURVE; THENCE ON THE ARC OF A CURVE TO THE LEFT HAVING A DELTA OF 32°57'06", A RADIUS OF 470.00 FEET A DISTANCE OF 270.30 FEET TO A POINT OF TANGENT; THENCE N34°53'53"W A DISTANCE OF 498.37 FEET TO A POINT OF CURVE; THENCE ON THE ARC OF A CURVE TO THE RIGHT HAVING A DELTA 22°00'35", A RADIUS OF 530.00 FEET A DISTANCE OF 203.60 FEET TO A POINT ON CURVE SAID POINT BEING THE SOUTHWEST CORNER OF ALLEN RANCH DRIVE AS PLATTED IN SAID FLYING HORSE NORTH FILING NO. 1; THENCE ON THE BOUNDARY LINE OF SAID FLYING HORSE FILING NO. 1, THE FOLLOWING TWENTY-TWO (22) COURSES:

1. N78°14'42"E A DISTANCE OF 60.00 FEET TO A POINT ON CURVE;
2. ON THE ARC OF A CURVE TO THE RIGHT WHOSE CENTER BEARS N78°14'42"E, HAVING A DELTA OF 07°44'47", A RADIUS OF 470.00 FEET A DISTANCE OF 63.54 FEET TO A POINT ON CURVE;
3. N88°03'35"E A DISTANCE OF 162.46 FEET;
4. S27°57'38"W A DISTANCE OF 123.86 FEET TO A POINT ON CURVE;
5. ON THE ARC OF A CURVE TO THE LEFT WHOSE CENTER BEARS S55°48'13"E, HAVING A DELTA OF 79°31'17", A RADIUS OF 60.00 FEET, A DISTANCE OF 83.27

6. S45°19'30"E A DISTANCE OF 529.41 FEET;
7. N43°38'05"E A DISTANCE OF 217.42 FEET;
8. S47°25'19"E A DISTANCE OF 125.23 FEET;
9. S12°39'47"W A DISTANCE OF 431.89 FEET TO A POINT ON CURVE;
10. ON THE ARC OF A CURVE TO THE LEFT WHOSE CENTER BEARS S78°44'16"E, HAVING A DELTA OF 101°02'05", A RADIUS OF 180.00 FEET, A DISTANCE OF 317.41 FEET TO A POINT ON CURVE;
11. S35°07'10"E A DISTANCE OF 51.40 FEET;
12. S25°28'43"W A DISTANCE OF 583.21 FEET;
13. S11°05'37"W A DISTANCE OF 649.91 FEET;
14. S01°45'55"W A DISTANCE OF 367.28 FEET TO A POINT ON CURVE;
15. ON THE ARC OF A CURVE TO THE LEFT WHOSE CENTER BEARS S82°45'19"E, HAVING A DELTA OF 27°10'25", A RADIUS OF 206.15 FEET, A DISTANCE OF 97.77 FEET TO A POINT ON CURVE;
16. S44°23'58"W A DISTANCE OF 446.26 FEET;
17. N75°50'05"W A DISTANCE OF 682.24 FEET;
18. S89°54'56"W A DISTANCE OF 681.31 FEET;
19. N39°18'58"W A DISTANCE OF 58.41 FEET TO A POINT ON CURVE;
20. ON THE ARC OF A CURVE TO THE RIGHT WHOSE CENTER BEARS N42°37'31"W, HAVING A DELTA OF 24°08'18", A RADIUS OF 530.00 FEET, A DISTANCE OF 222.98 FEET TO A POINT ON CURVE;
21. S63°45'49"E A DISTANCE OF 50.01 FEET;
22. THENCE S02°21'44"E A DISTANCE OF 263.10 FEET;

THENCE CONTINUING S02°21'44"E A DISTANCE OF 120.00 FEET TO THE SOUTH QUARTER CORNER OF SAID SECTION 36, THENCE S89°20'35"W ON THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 36, A DISTANCE OF 2,674.50 FEET TO THE POINT OF BEGINNING.

CONTAINING A CALCULATED AREA OF 170.554 ACRES.

TOGETHER WITH TRACT J AND TRACT L AS PLATTED FLYING HORSE NORTH FILING NO. 1, RECORDED UNDER RECEPTION NUMBER 218714238.

CONTAINING A CALCULATED AREA OF 120.231 ACRES.

TOGETHER WITH LOT 1 AS PLATTED FLYING HORSE NORTH FILING NO. 2, RECORDED UNDER RECEPTION NUMBER 222715009.

CONTAINING A CALCULATED AREA OF 2.898 ACRES.

FLYING HORSE FILING 3, CONTAINS A TOTAL CALCULATED AREA OF 293.683 ACRES.

PROJECT CONTACTS:

OWNER/DEVELOPER

PRI #2
6385 CORPORATE DRIVE, STE. 200
COLORADO SPRINGS, CO 80919
ATTN: DREW BALSICK
TELE: (719) 592-9333

APPLICANT

HR GREEN
1975 RESEARCH PKWY SUITE 230
COLORADO SPRINGS, CO 80921
TELE: (719) 300-4140
ATTN: KEN HUHN, P.E.
EMAIL: KHUHN@HRGREEN.COM

CIVIL ENGINEER

HR GREEN
1975 RESEARCH PKWY SUITE 230
COLORADO SPRINGS, CO 80921
TELE: (719) 300-4140
ATTN: KEN HUHN, P.E.
EMAIL: KHUHN@HRGREEN.COM

GEOTECHNICAL ENGINEER

COMPANY: ENTECH ENGINEERING, INC
ADDRESS: 505 ELKTON DRIVE
COLORADO SPRINGS, CO 80907
TELE: (719) 531-5599
ATTN: JOE GOODE
EMAIL: JGOODE@ENTECH-ENGINEERING.COM

TRAFFIC ENGINEER

SM ROCHA, LLC
8703 YATES DRIVE, STE 210
WESTMINSTER, CO 80031
TELE: (303) 458-9798
ATTN: MIKE ROCHA
EMAIL: MIKE@SMROCHA.COM

SURVEYOR

EDWARD-JAMES SURVEYING, INC.
926 ELKTON DRIVE
COLORADO SPRINGS, CO 80907
TELE: (719) 576-1216
ATTN: JONATHAN W. TESSIN
EMAIL: JTSSIN@EJSURVEYING.COM

UTILITY CONTACTS

ELECTRIC

MOUNTAIN VIEW ELECTRIC ASSOCIATION
P.O. BOX 1600
LIMON, CO 80831
TELE: (719) 392-3491
ATTN: LES ULFERS

NATURAL GAS

BLACK HILLS ENERGY
37 WIDEFIELD BLVD
WIDEFIELD, CO 80911
TELE: (719) 332-5856
ATTN: GEORGE M. PETERSON

FIRE

BLAČK FOREST FIRE PROTECTION DISTRICT
114455 TEACHOUT ROAD
COLORADO SPRINGS, CO 80908
TELE: (719) 495-4300
ATTN: P. LANGMAID

SHEET INDEX

- 1 - COVER
- 2 - LEGEND
- 3 - OVERALL SITE PLAN
- 4 - ALLEN RANCH ROAD
- 10 - 11 - QUARTZ CREEK DRIVE
- 12 - BOURBON COURT
- 13 - ALLEN RANCH ROAD CART PATH CROSSING
- 14 - MEDIANS
- 15 - FIRE-TRUCK TURN-AROUND
- 16 - STRIPING & SIGNAGE
- 17 - ALLEN RANCH ROAD & TRACT A
- 18 - CULVERTS PIPES
- 19 - ALLEN RANCH ROAD & TRACT B
- 20 - TRAIL CROSSING & F.T.T.A.
- 21 - ROCK CHUTE PLAN AND PROFILE
- 22 - POND A GRADING PLAN
- 23 - POND A DETAILS
- 24 - POND A FOREBAY DETAILS
- 25 - POND A FOREBAY DETAILS 2
- 26 - POND A OUTLET STRUCTURE DETAILS
- 27 - POND A OUTLET STRUCTURE DETAILS 2
- 28 - POND B GRADING PLAN
- 29 - POND B DETAILS
- 30 - POND B FOREBAY DETAILS
- 31 - POND B OUTLET STRUCTURE DETAILS
- 32 - POND B OUTLET STRUCTURE DETAILS 2

EL PASO COUNTY

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL AS AMENDED.

IN ACCORDANCE WITH EGM SECTION 1-12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTORS DISCRETION.

JOSHUA PALMER, P.E.
COUNTY ENGINEER

DESIGN ENGINEER'S STATEMENT

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMANCE WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENCE AND ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

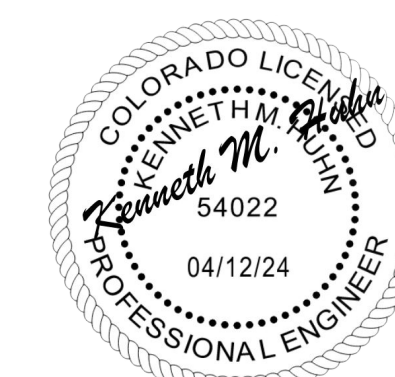
Kenneth M. Huhn
KENNETH M. HUHN, COLORADO P.E. NO. 54022

OWNER/DEVELOPER'S STATEMENT:

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN AND ALL OF THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

Drew Balsick
DREW BALSICK, PRI #2, LLC.

04/11/2024
VICE PRESIDENT



DRAWN BY: DLH JOB DATE: 4/10/2024
APPROVED: KMH JOB NUMBER: 211030
CAD DATE: 4/11/2024
CAD FILE: J:\2021\211030\CAD\DWG\C\Estates_CDs\Cover_Estates

BAR IS ONE INCH ON OFFICIAL DRAWINGS.
IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

NO.	DATE	BY	REVISION DESCRIPTION



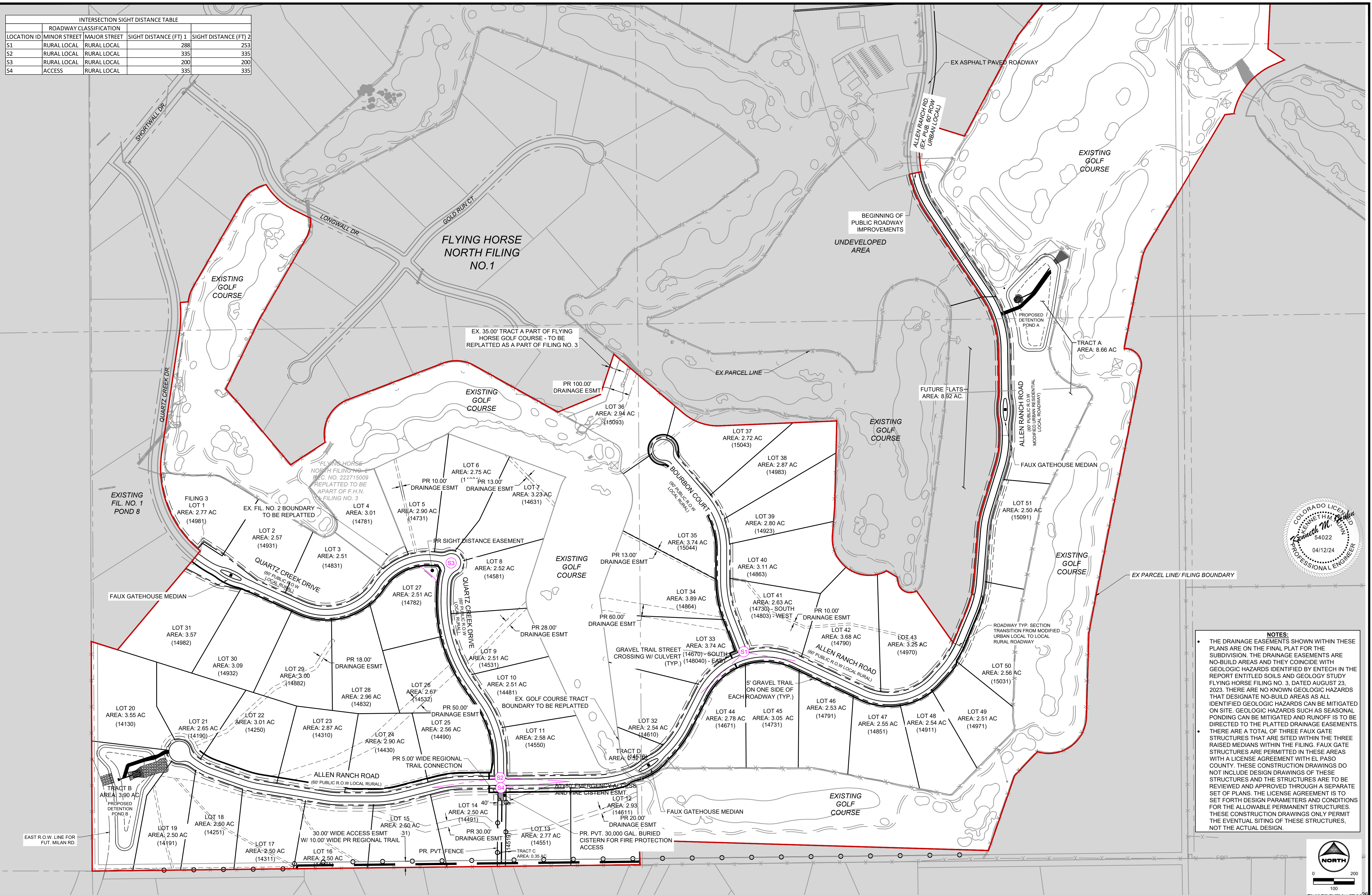
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

FLYING HORSE NORTH FILING 3
PRI #2, LLC.
EL PASO COUNTY, CO

COVER & LEGEND
COVER

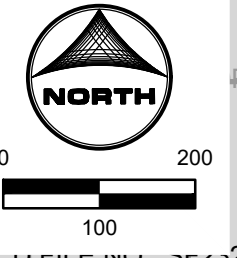
SHEET
CV
1

INTERSECTION SIGHT DISTANCE TABLE				
LOCATION ID	MINOR STREET	MAJOR STREET	SIGHT DISTANCE (FT) 1	SIGHT DISTANCE (FT) 2
S1	RURAL LOCAL	RURAL LOCAL	288	253
S2	RURAL LOCAL	RURAL LOCAL	335	335
S3	RURAL LOCAL	RURAL LOCAL	200	200
S4	ACCESS	RURAL LOCAL	335	335



NOTES:

- THE DRAINAGE EASEMENTS SHOWN WITHIN THESE PLANS ARE ON THE FINAL PLAT FOR THE SUBDIVISION. THE DRAINAGE EASEMENTS ARE NO-BUILD AREAS AND THEY COINCIDE WITH GEOLOGIC HAZARDS IDENTIFIED BY ENTECH IN THE REPORT ENTITLED SOILS AND GEOLOGY STUDY FLYING HORSE FILING NO. 3, DATED AUGUST 23, 2023. THERE ARE NO KNOWN GEOLOGIC HAZARDS THAT DESIGNATE NO-BUILD AREAS AS ALL IDENTIFIED GEOLOGIC HAZARDS CAN BE MITIGATED ON SITE. GEOLOGIC HAZARDS SUCH AS SEASONAL PONDING CAN BE MITIGATED AND RUNOFF IS TO BE DIRECTED TO THE PLATTED DRAINAGE EASEMENTS.
- THERE ARE A TOTAL OF THREE FAUX GATE STRUCTURES THAT ARE SITED WITHIN THE THREE RAISED MEDIANS WITHIN THE FILING. FAUX GATE STRUCTURES ARE PERMITTED IN THESE AREAS WITH A LICENSE AGREEMENT WITH EL PASO COUNTY. THESE CONSTRUCTION DRAWINGS DO NOT INCLUDE DESIGN DRAWINGS OF THESE STRUCTURES AND THE STRUCTURES ARE TO BE REVIEWED AND APPROVED THROUGH A SEPARATE SET OF PLANS. THE LICENSE AGREEMENT IS TO SET FORTH DESIGN PARAMETERS AND CONDITIONS FOR THE ALLOWABLE PERMANENT STRUCTURES. THESE CONSTRUCTION DRAWINGS ONLY PERMIT THE EVENTUAL SITING OF THESE STRUCTURES, NOT THE ACTUAL DESIGN.



DRAWN BY: AXB JOB DATE: 4/11/2024
 APPROVED: KMH JOB NUMBER: 211030
 CAD DATE: 4/11/2024
 CAD FILE: J:\2021\211030\CAD\DWG\C\Estates_CDs\Site_Plan

BAR IS ONE INCH ON OFFICIAL DRAWINGS.
 IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

NO.	DATE	BY	REVISION DESCRIPTION

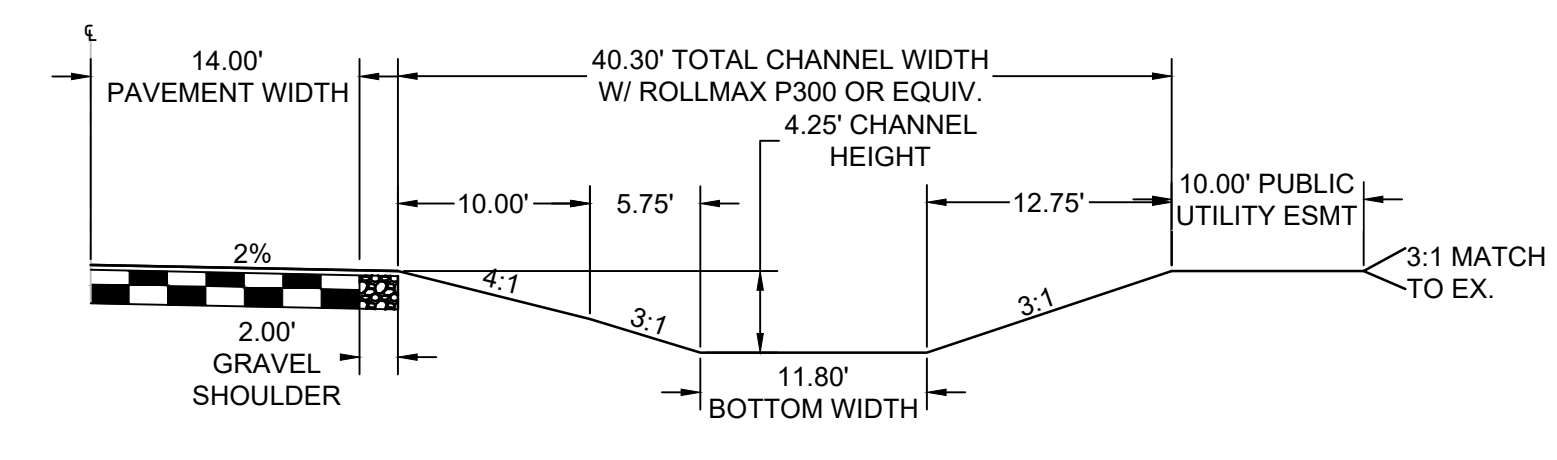
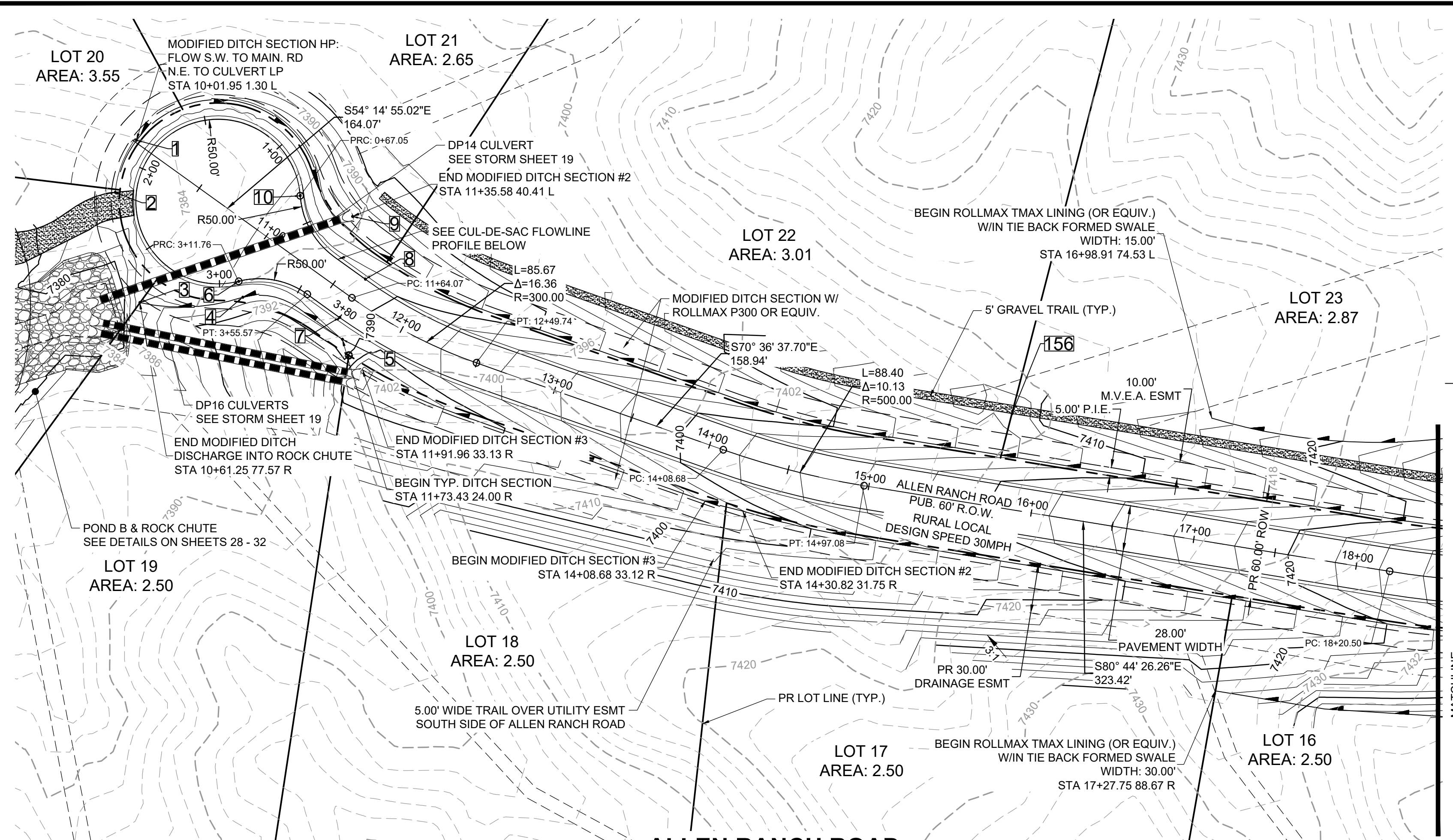
HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

**FLYING HORSE NORTH FILING 3
 PRI #2, LLC.**
 EL PASO COUNTY, CO

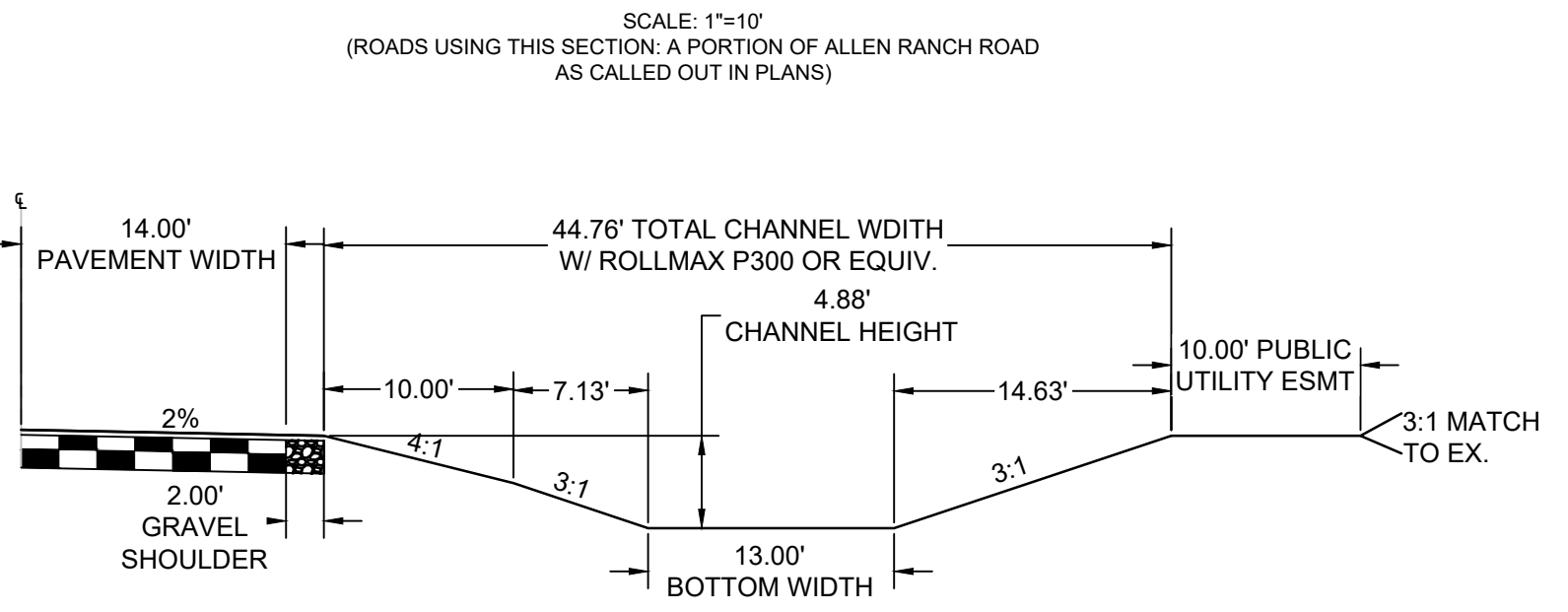
CONSTRUCTION DOCUMENTS
 OVERALL SITE PLAN

SHEET
 SP
 3

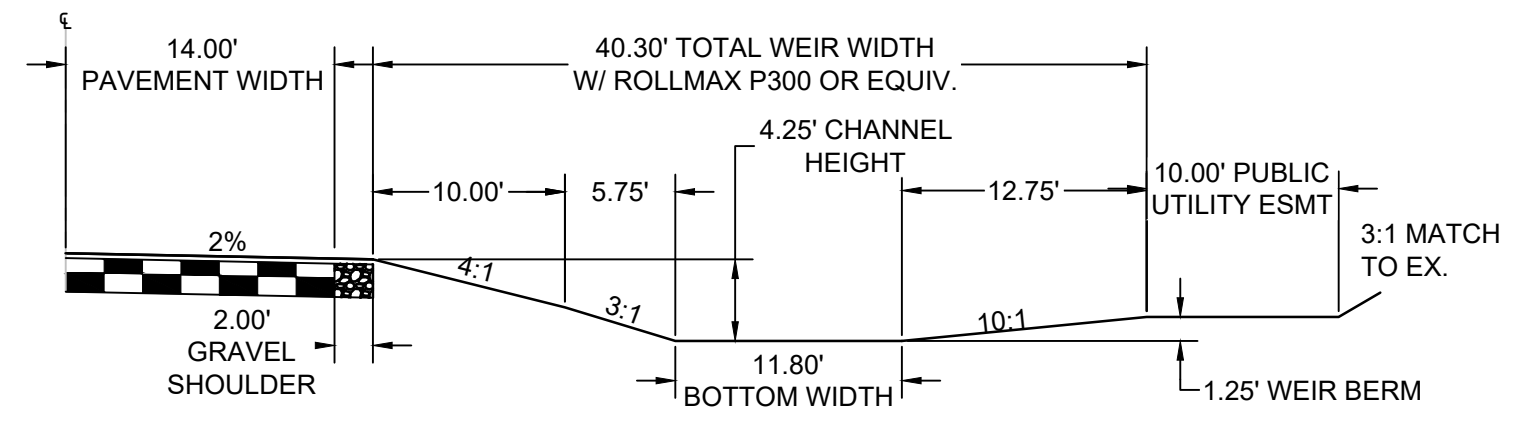
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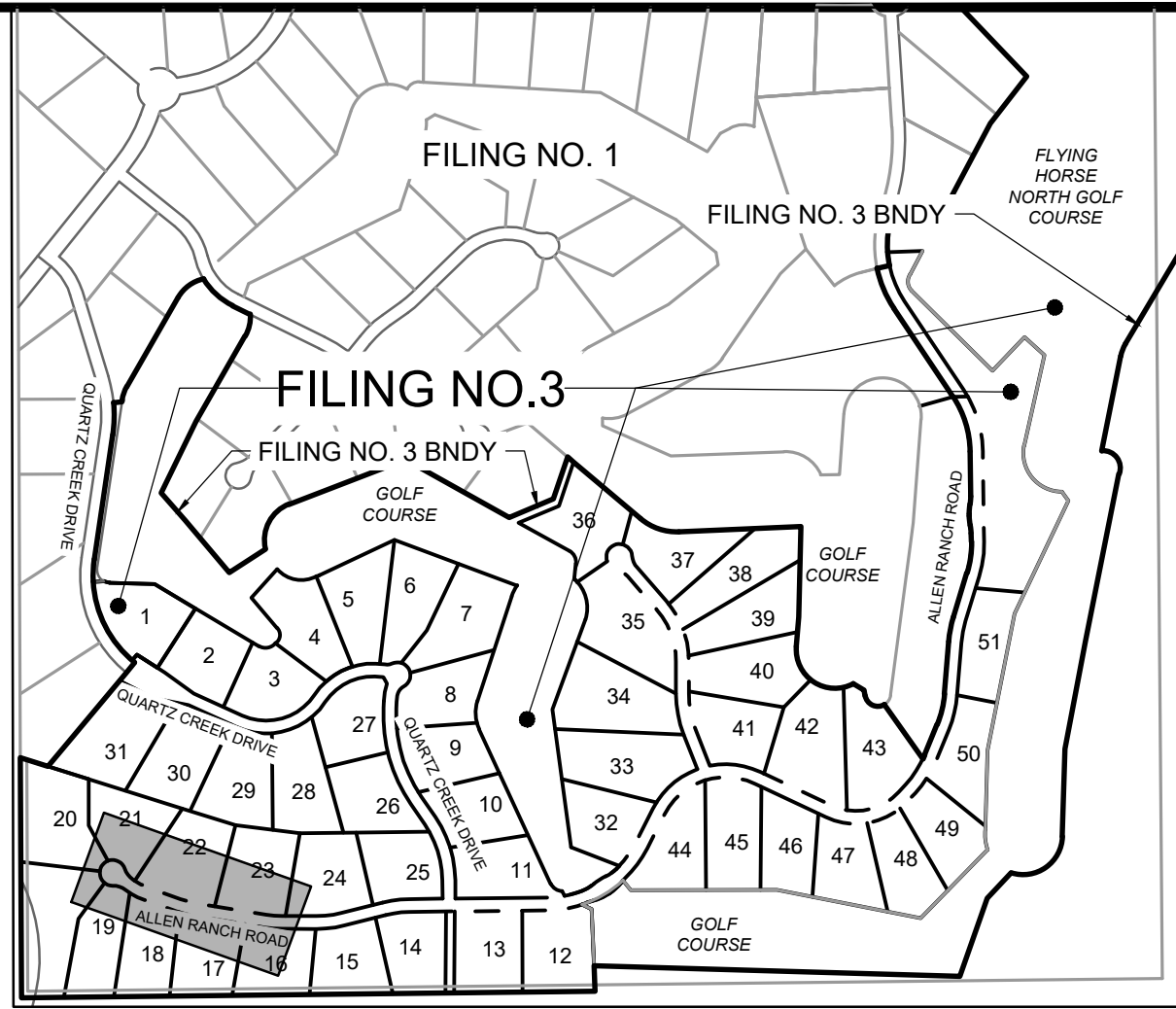
MODIFIED ROADSIDE DITCH SECTION #2: LOTS 16-17 & 22-23



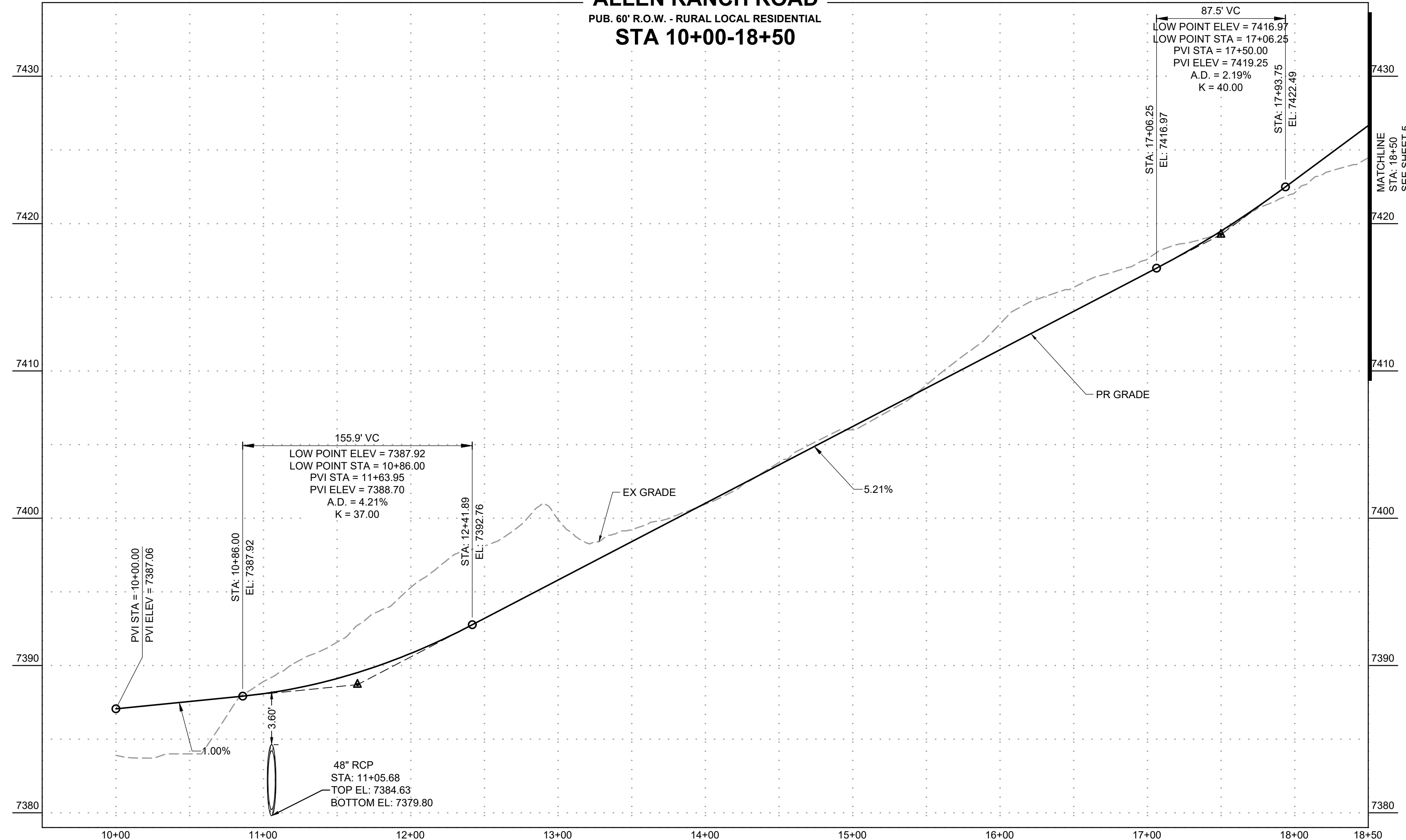
MODIFIED ROADSIDE DITCH SECTION #3: LOTS 18



MODIFIED ROADSIDE DITCH WEIR

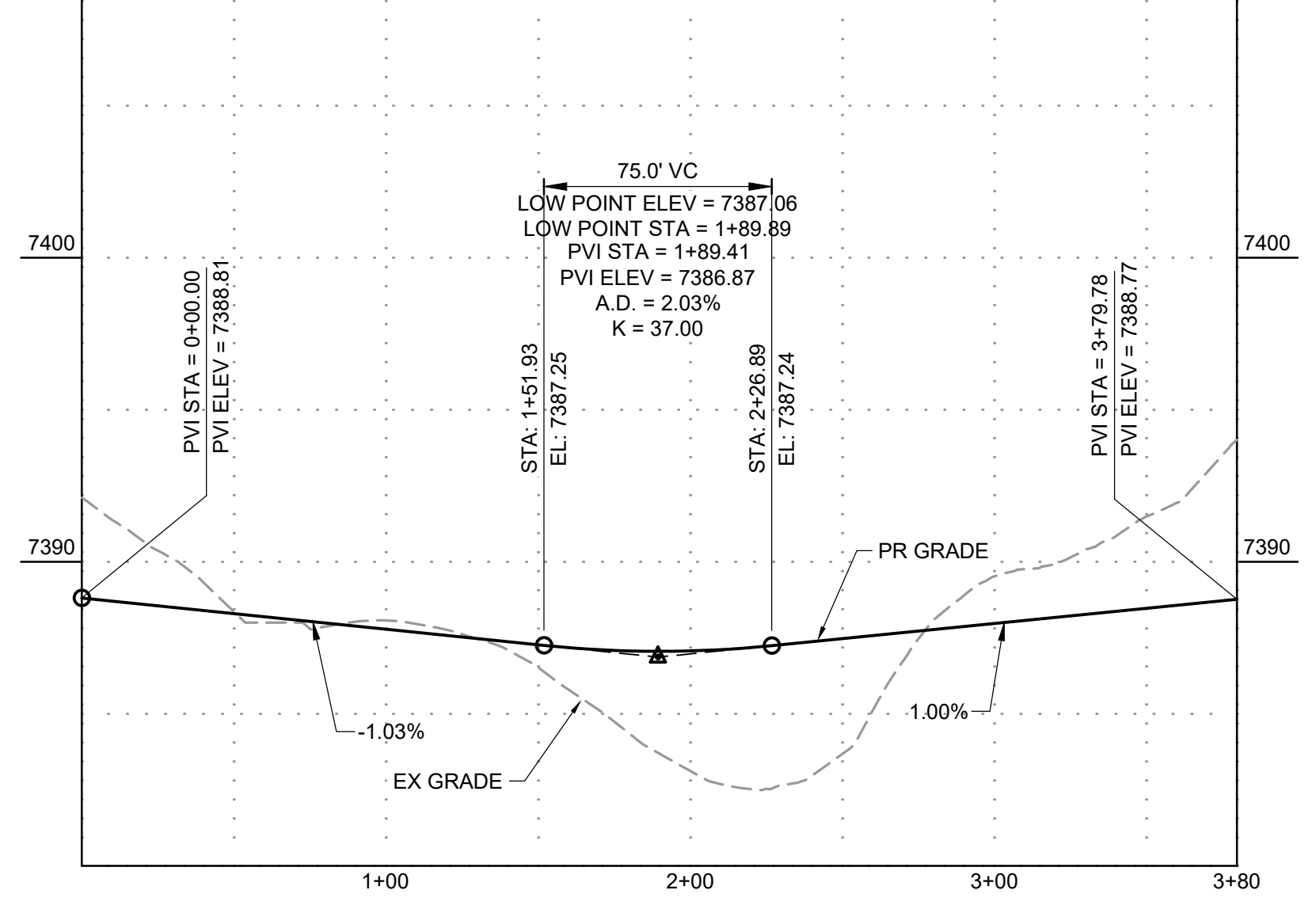


ALLEN RANCH ROAD
 PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL
STA 10+00-18+50



POINT TABLE					
No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
1	HIGH PT	Allen Ranch Road	STA 10+10.95	1.3' L	7384.33
2	END FL TRANSITION	Allen Ranch Road	STA 10+10.03	32.0' R	7383.99
3	END FL TRANSITION	Allen Ranch Road	STA 10+61.25	77.6' R	7385.38
4	BEGIN FL TRANSITION	Allen Ranch Road	STA 11+10.10	38.4' R	7386.65
5	SWALE FL	Allen Ranch Road	STA 11+73.43	24.0' R	7388.02
6	PRC	Allen Ranch Road Cul-de-Sac	STA 3+11.76	0.0'	7388.09
7	PCR	Allen Ranch Road	STA 11+65.00	14.0' R	7388.77
8	PCR	Allen Ranch Road	STA 11+64.07	14.0' L	7388.81
9	LOW PT	Allen Ranch Road	STA 11+35.58	40.4' L	7381.50
10	PRC	Allen Ranch Road Cul-de-Sac	STA 0+67.05	0.0'	7388.12
156	WEIR CNTR/SEE DT	Allen Ranch Road	STA 15+78.75	57.8' L	7406.97

ALLEN RANCH ROAD
 PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL
CUL-DE-SAC



DRAWN BY: DLH JOB DATE: 4/10/2024
 APPROVED: KMH JOB NUMBER: 211030
 CAD DATE: 4/11/2024
 CAD FILE: J:\2021\211030\CAD\DWG\C\Estates_CDs\Street_PNP

NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 719.965.0044

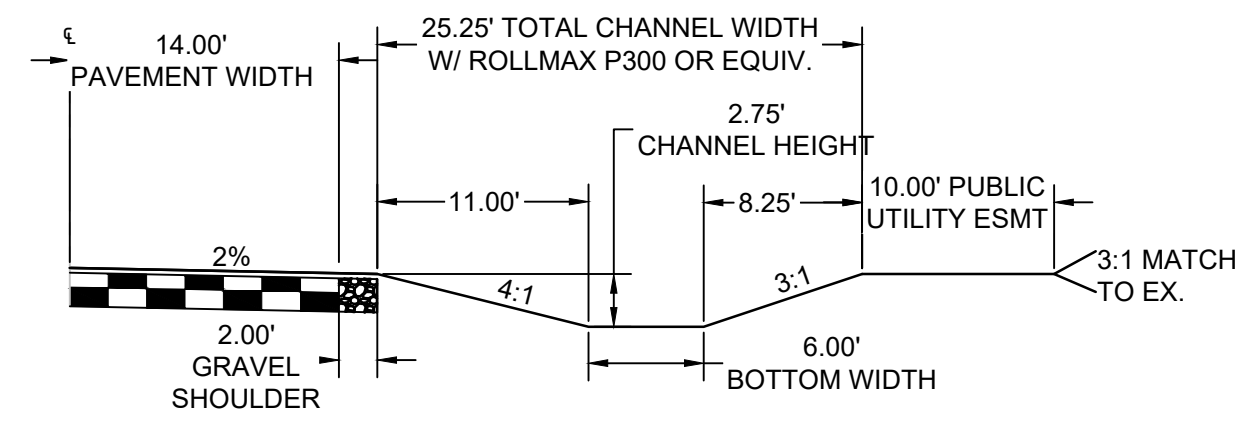
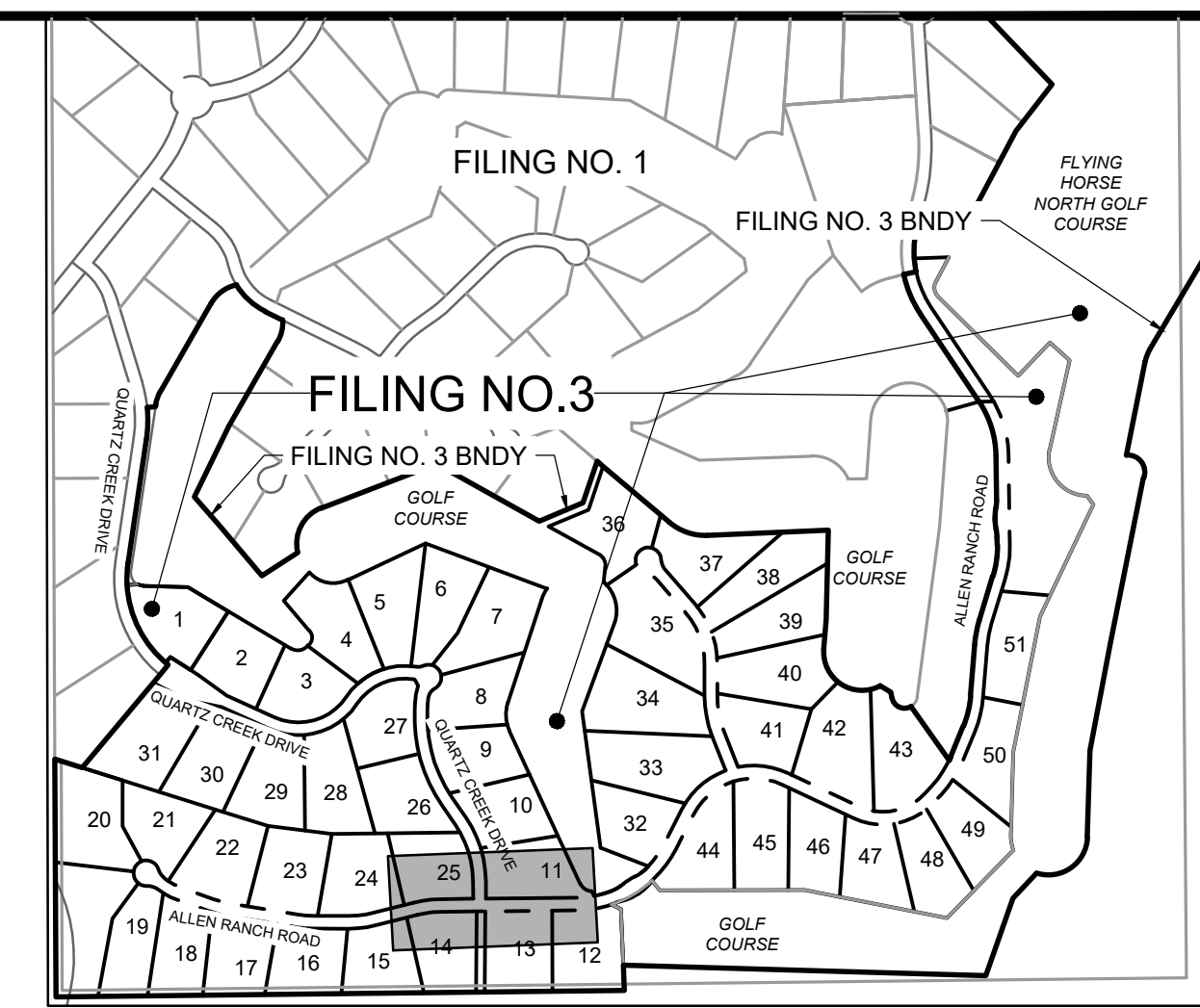
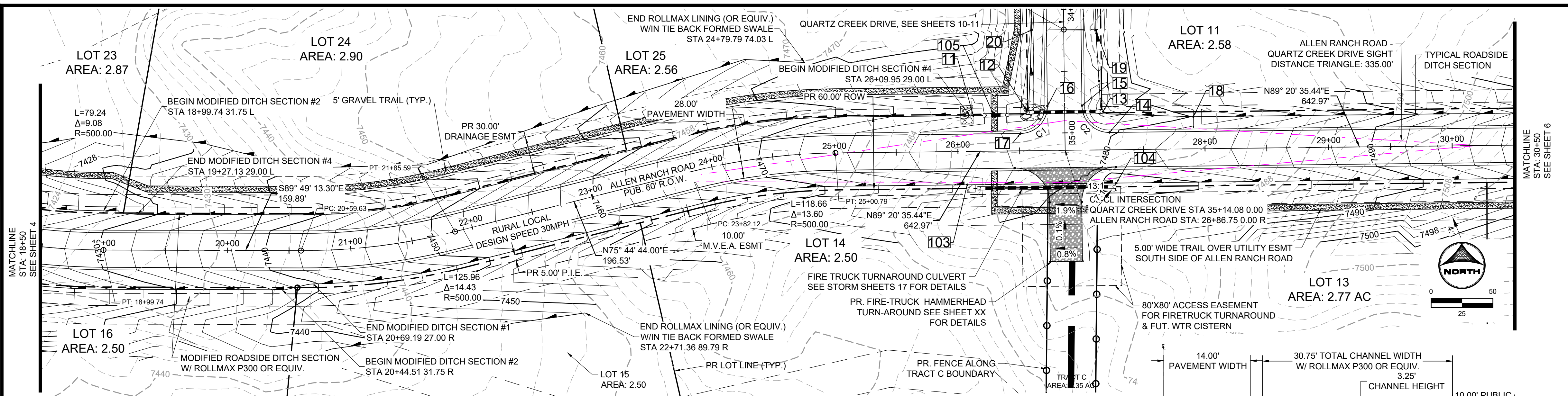
FLYING HORSE NORTH FILING 3
PRI #2, LLC.
 EL PASO COUNTY, CO

STREET PLAN & PROFILE
ALLEN RANCH ROAD

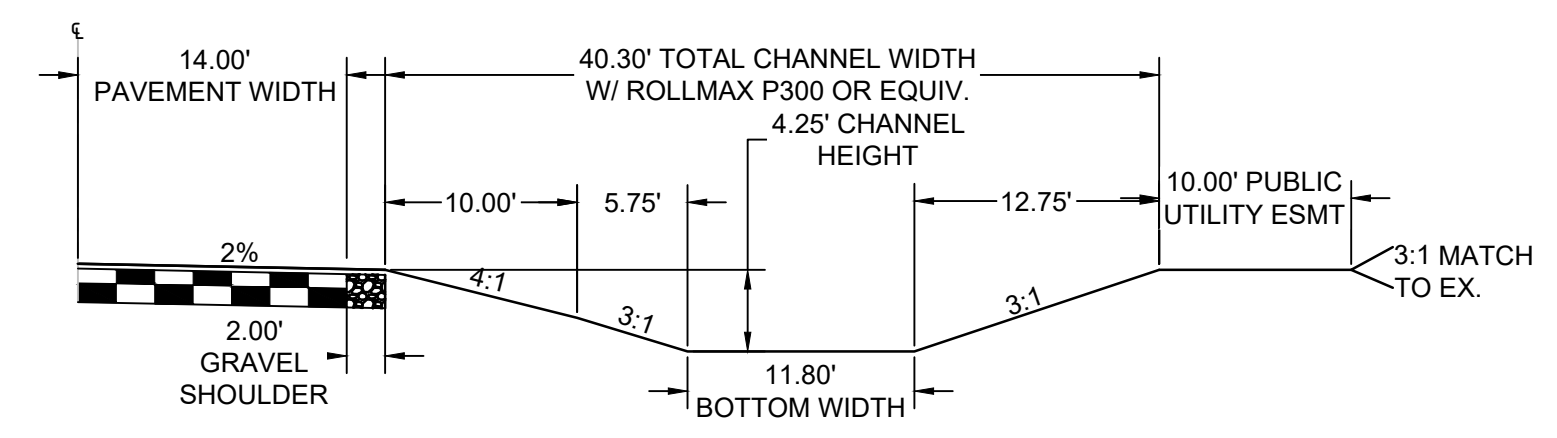
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PCD FILE NO.: SF2326

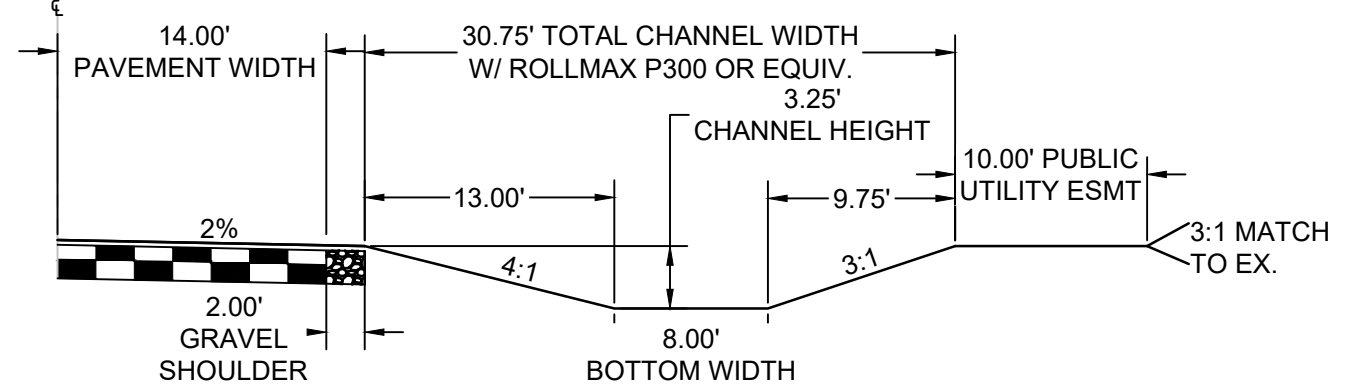
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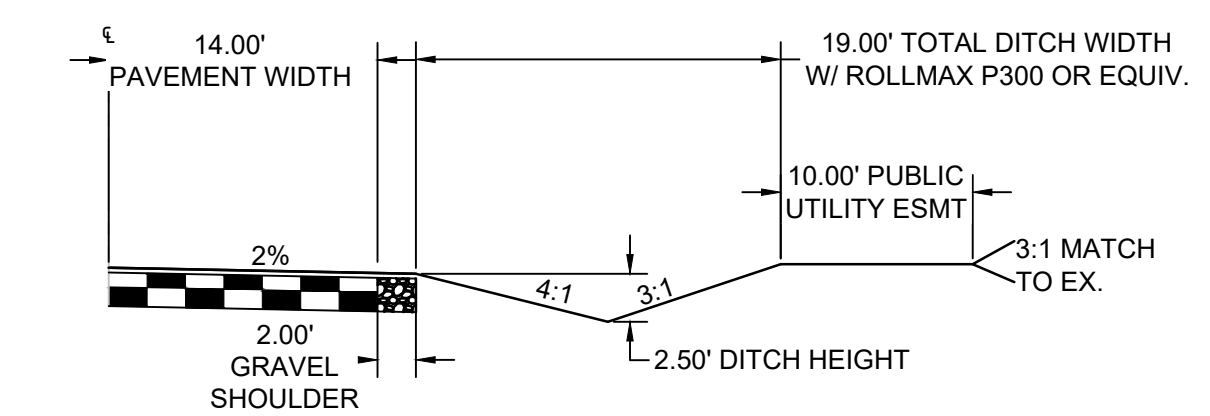
MODIFIED ROADSIDE DITCH SECTION #1: LOTS 12-15



MODIFIED ROADSIDE DITCH SECTION #2: LOTS 16-17 & 22-23



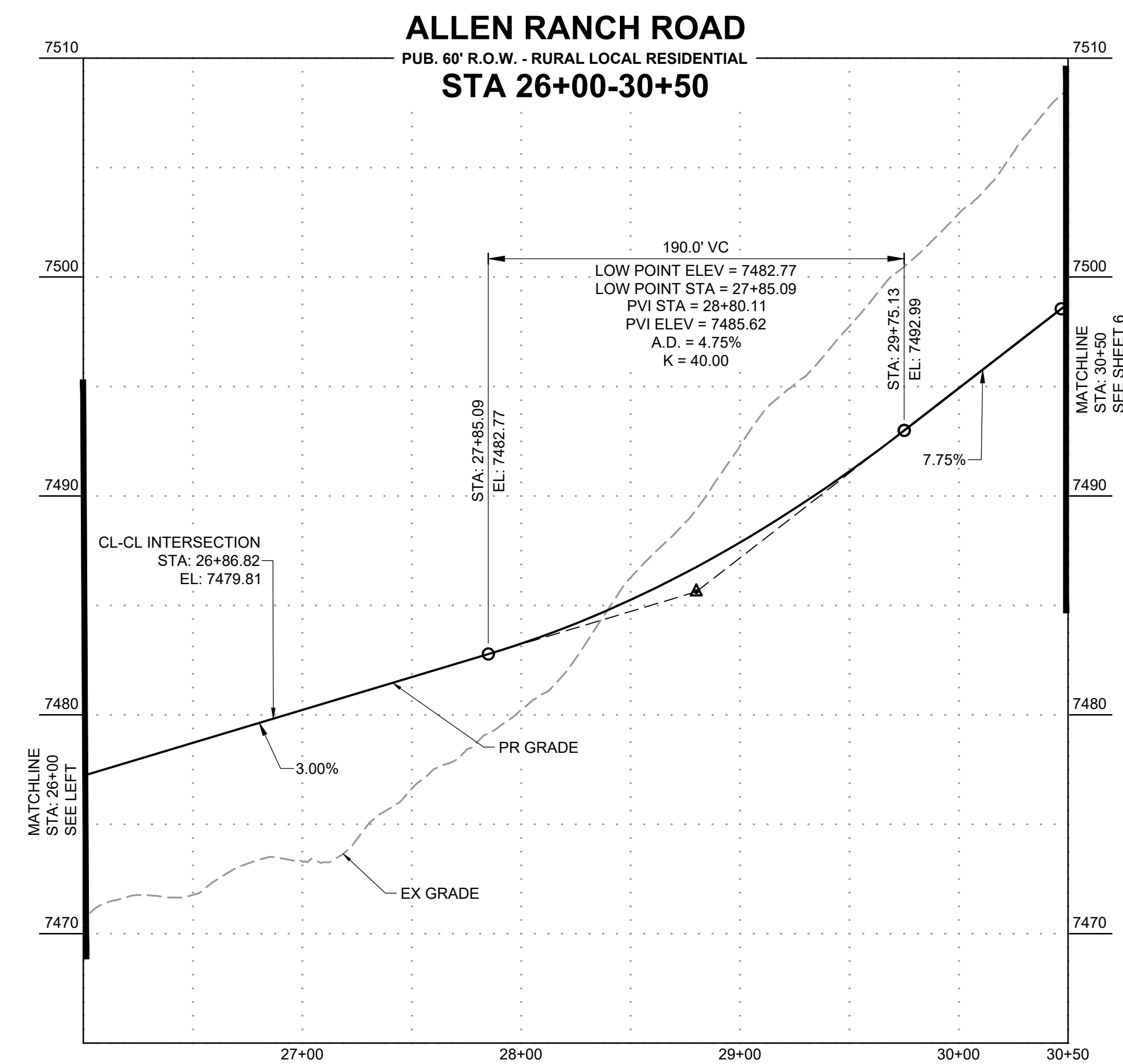
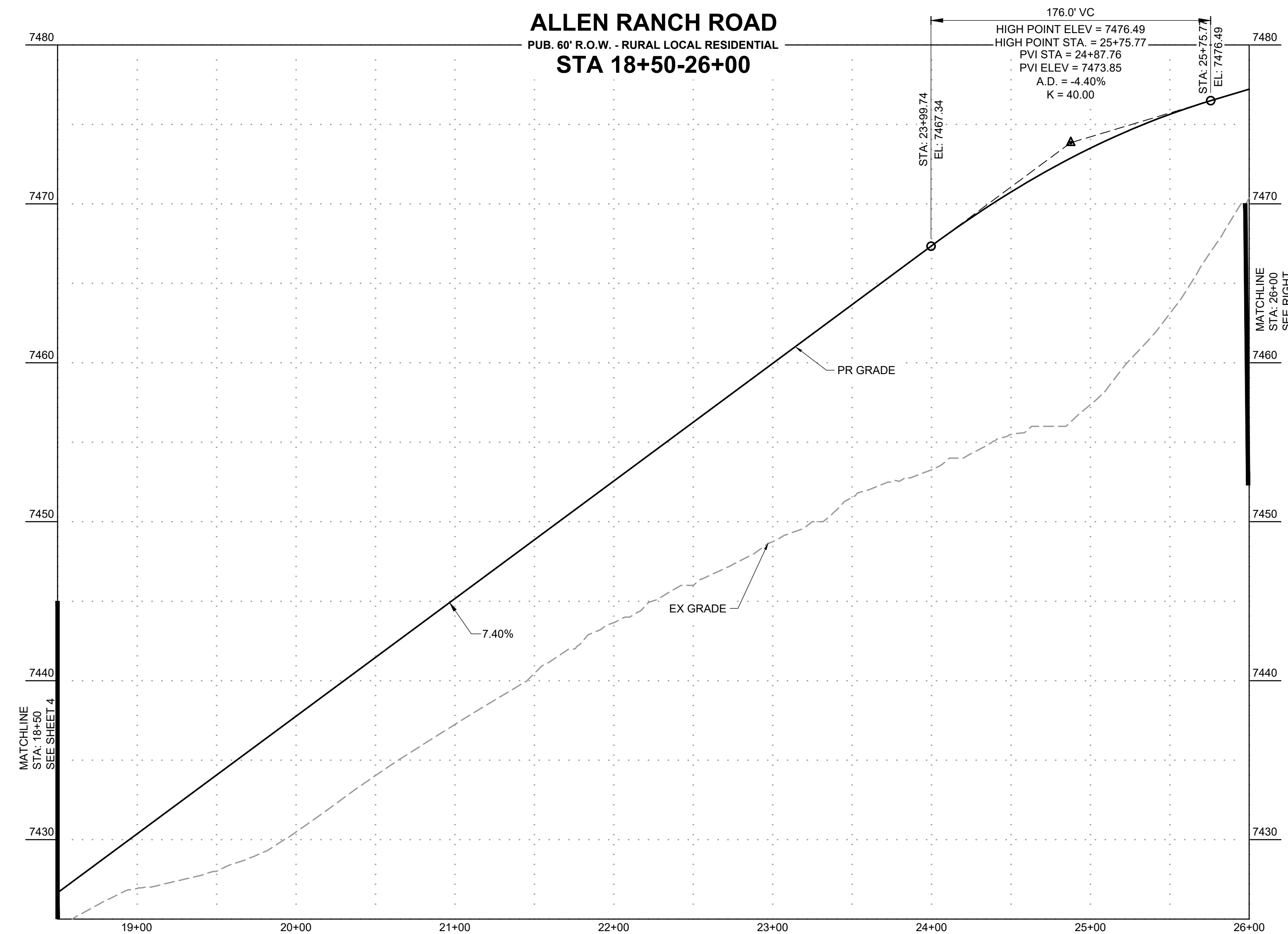
MODIFIED ROADSIDE DITCH SECTION #4: LOTS 24-25



TYPICAL ROADSIDE DITCH SECTION

Curve Table			
Curve #	Length	Radius	Delta
C2	34.56	22.00	90°00'00"

POINT TABLE					
No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
11	END FL TRANSITION	Allen Ranch Road	STA 26+12.67	29.0' L	7474.07
12	SWALE FL	Quartz Creek Drive	STA 34+82.20	30.3' R	7474.51
13	SWALE FL	Quartz Creek Drive	STA 34+83.03	31.1' L	7474.79
14	PCR	Allen Ranch Road	STA 27+22.75	14.0' L	7479.70
15	PCR	Allen Ranch Road	STA 27+00.75	36.0' L	7479.17
16	PCR	Allen Ranch Road	STA 26+72.75	36.0' L	7479.17
17	PCR	Allen Ranch Road	STA 26+50.75	14.0' L	7478.46
18	BEGIN FL TRANSITION	Allen Ranch Road	STA 27+90.81	26.0' L	7480.15
19	END FL TRANSITION	Quartz Creek Drive	STA 34+16.90	26.0' L	7475.70
20	BEGIN FL TRANSITION	Quartz Creek Drive	STA 34+16.34	26.0' R	7475.70
103	BEGIN FL TRANSITION	Allen Ranch Road	STA 26+07.20	27.0' R	7474.37
104	END FL TRANSITION	Allen Ranch Road	STA 27+27.88	27.0' R	7477.98
105	TRAIL CROSSING	Allen Ranch Road	STA 26+29.42	29.1' L	7477.78



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NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

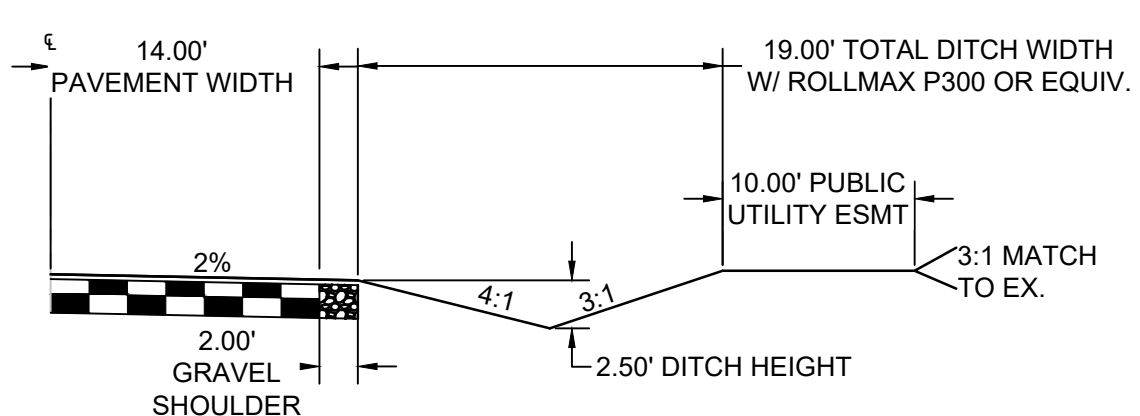
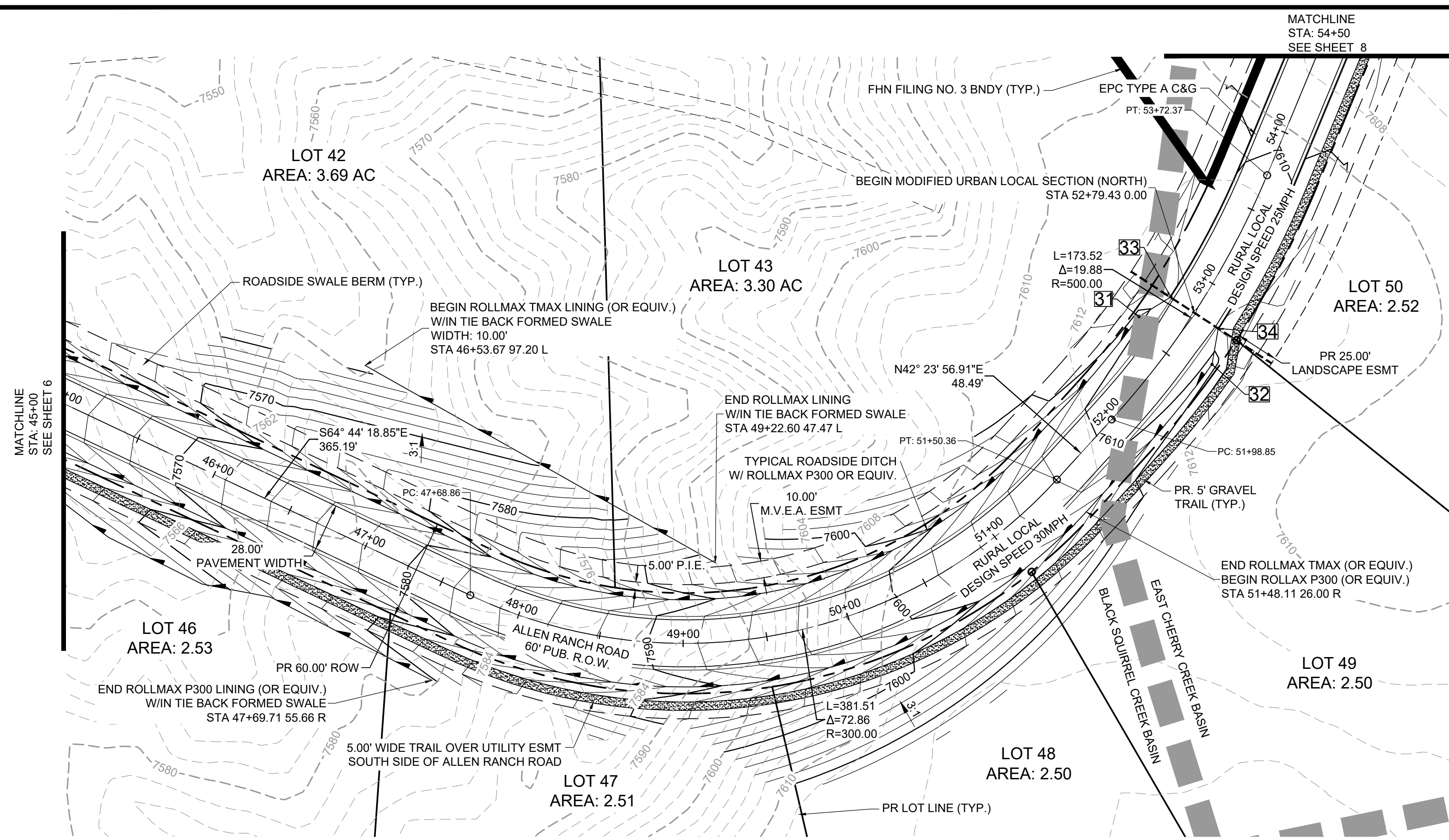
**FLYING HORSE NORTH FILING 3
 PRI #2, LLC.**
 EL PASO COUNTY, CO

STREET PLAN & PROFILE
 ALLEN RANCH ROAD

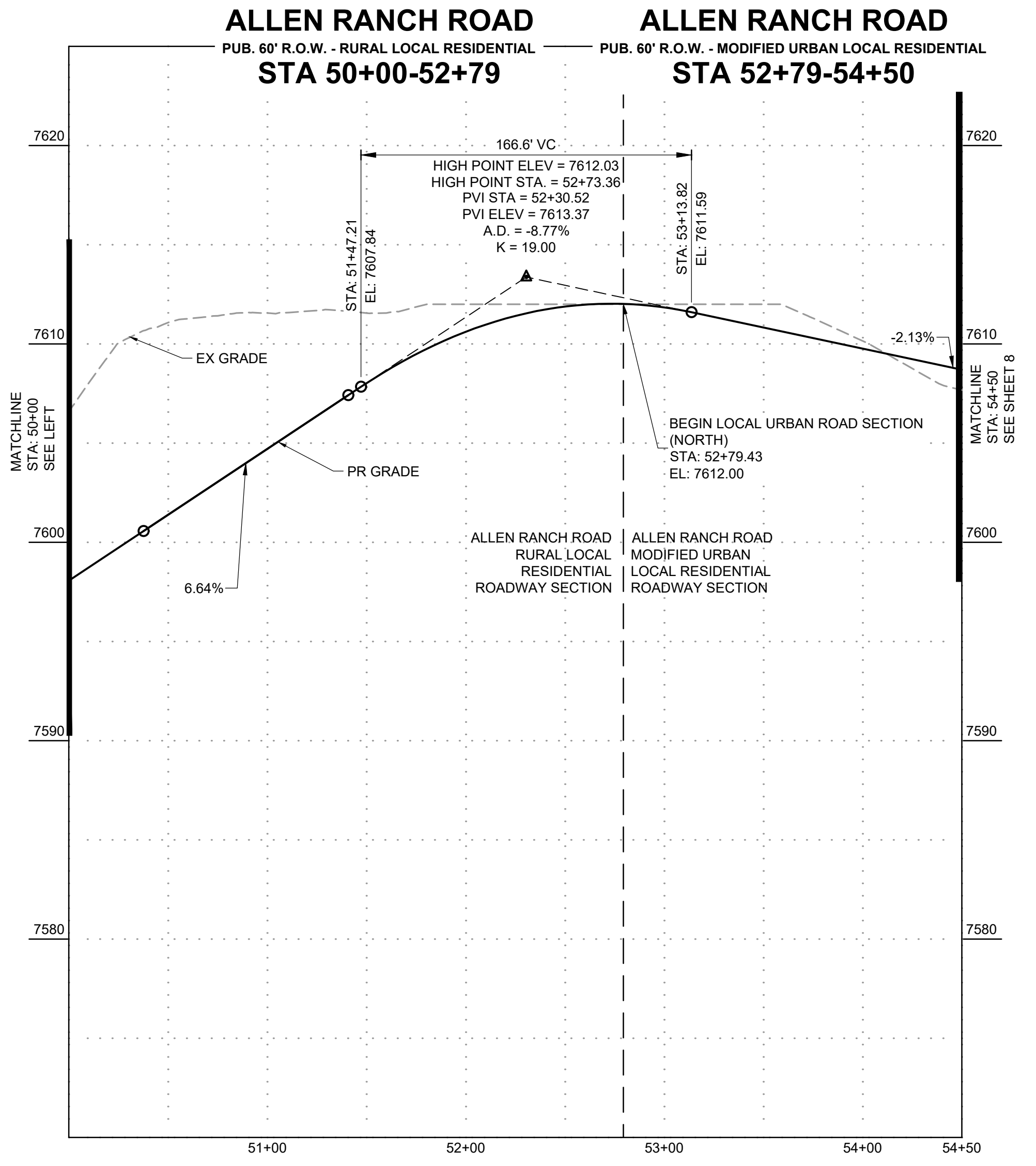
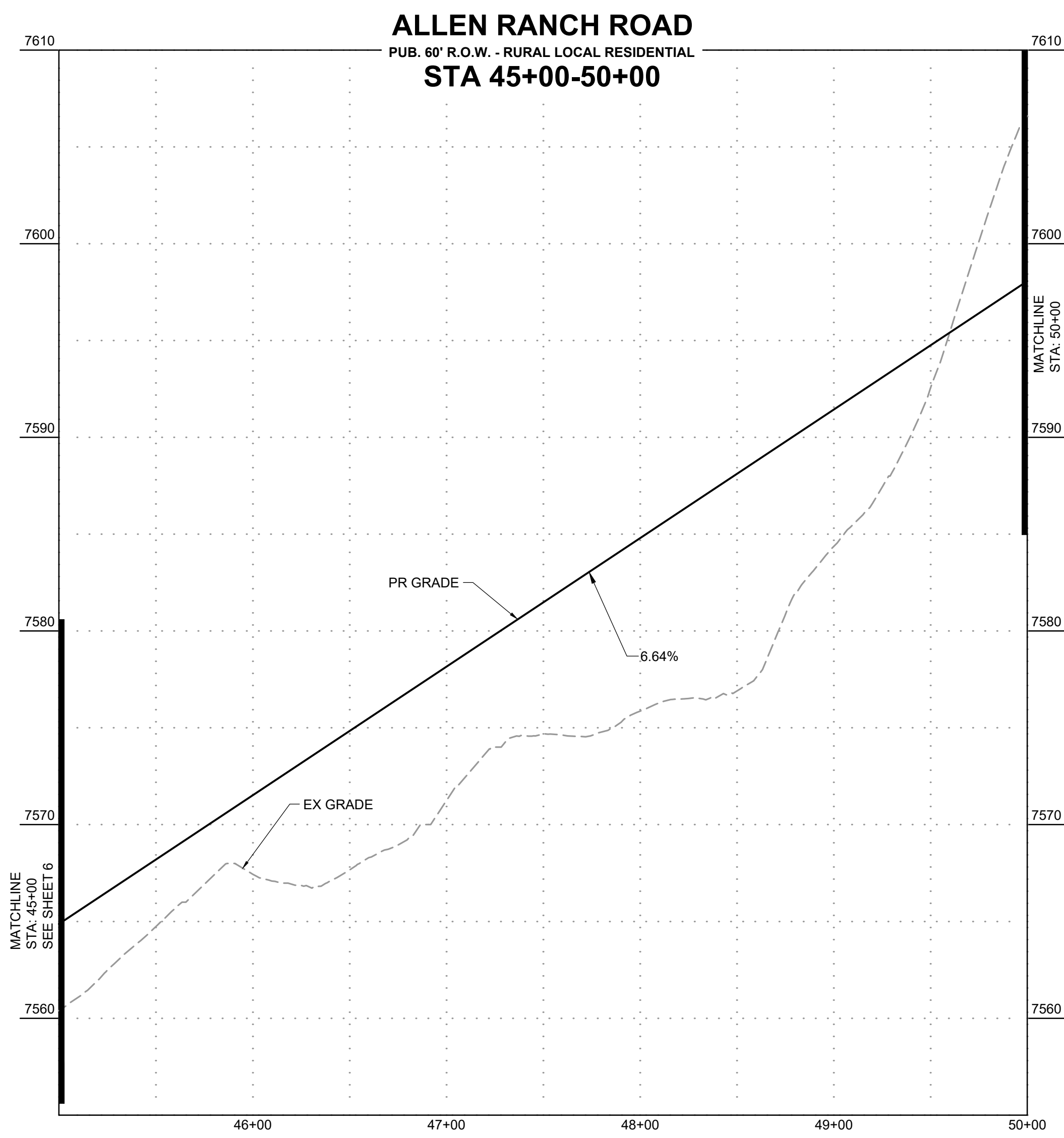
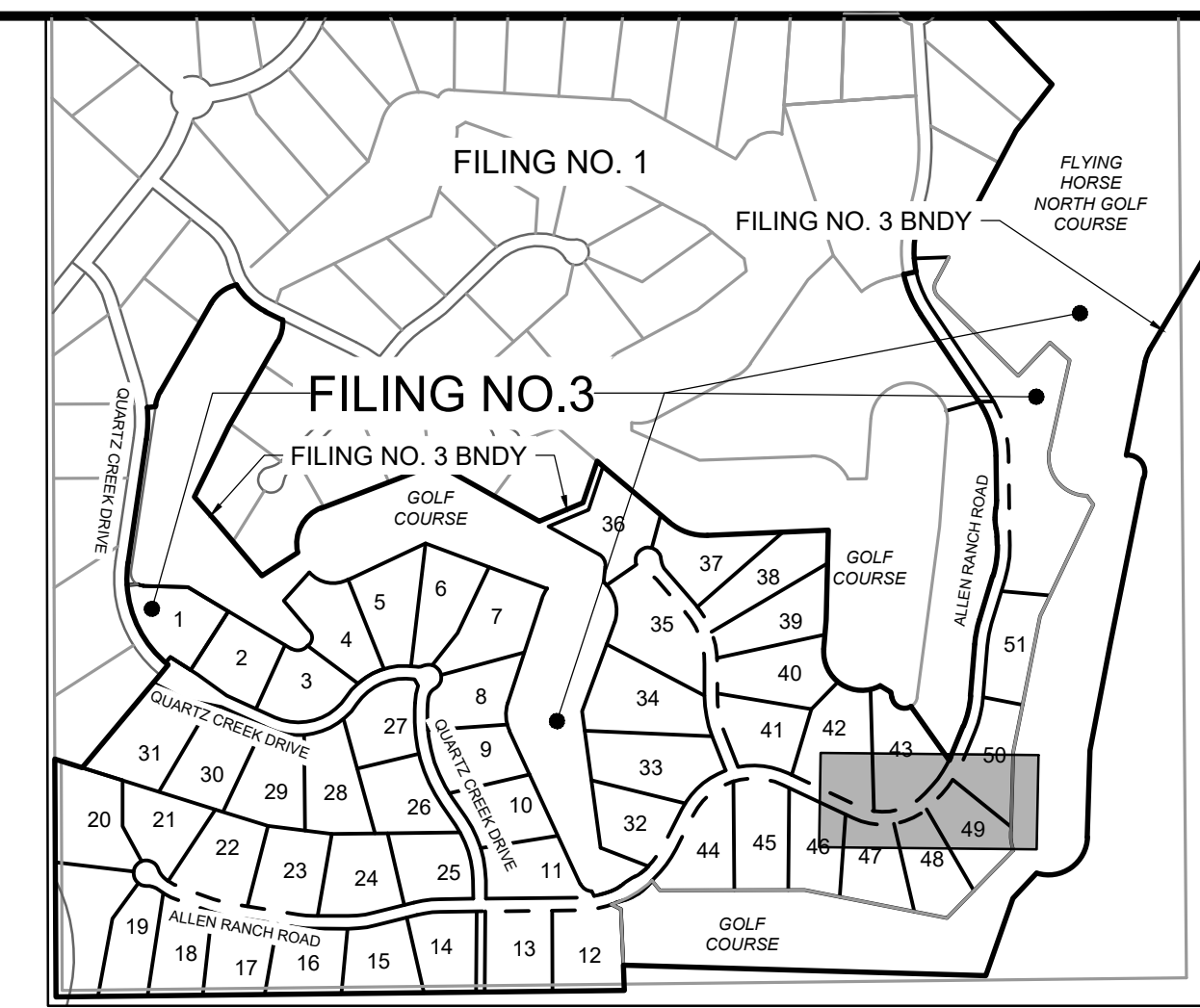
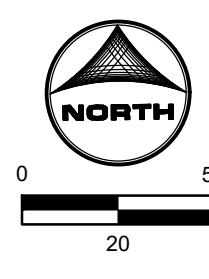
SHEET
ST 5



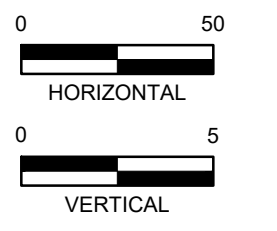
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TYPICAL ROADSIDE DITCH SECTION
SCALE: 1"=10'
(ROADS USING THIS SECTION: A PORTION OF ALLEN RANCH ROAD, QUARTZ CREEK DRIVE, BOURBON COURT)



POINT TABLE					
No.	DESC.	ALIGNMENT	STATION	OFFSET	FL E.L.
31	BEGIN FL TRANSITION	Allen Ranch Road	STA 52+58.33	26.0' L	7609.17
32	BEGIN FL TRANSITION	Allen Ranch Road	STA 52+60.42	26.0' R	7609.23
33	END FL TRANSITION/ BEGIN TYPE A C&G	Allen Ranch Road	STA 52+79.71	17.0' L	7611.55
34	END FL TRANSITION/ BEGIN TYPE A C&G	Allen Ranch Road	STA 52+79.43	17.0' R	7611.55



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NO.	DATE	BY	REVISION DESCRIPTION

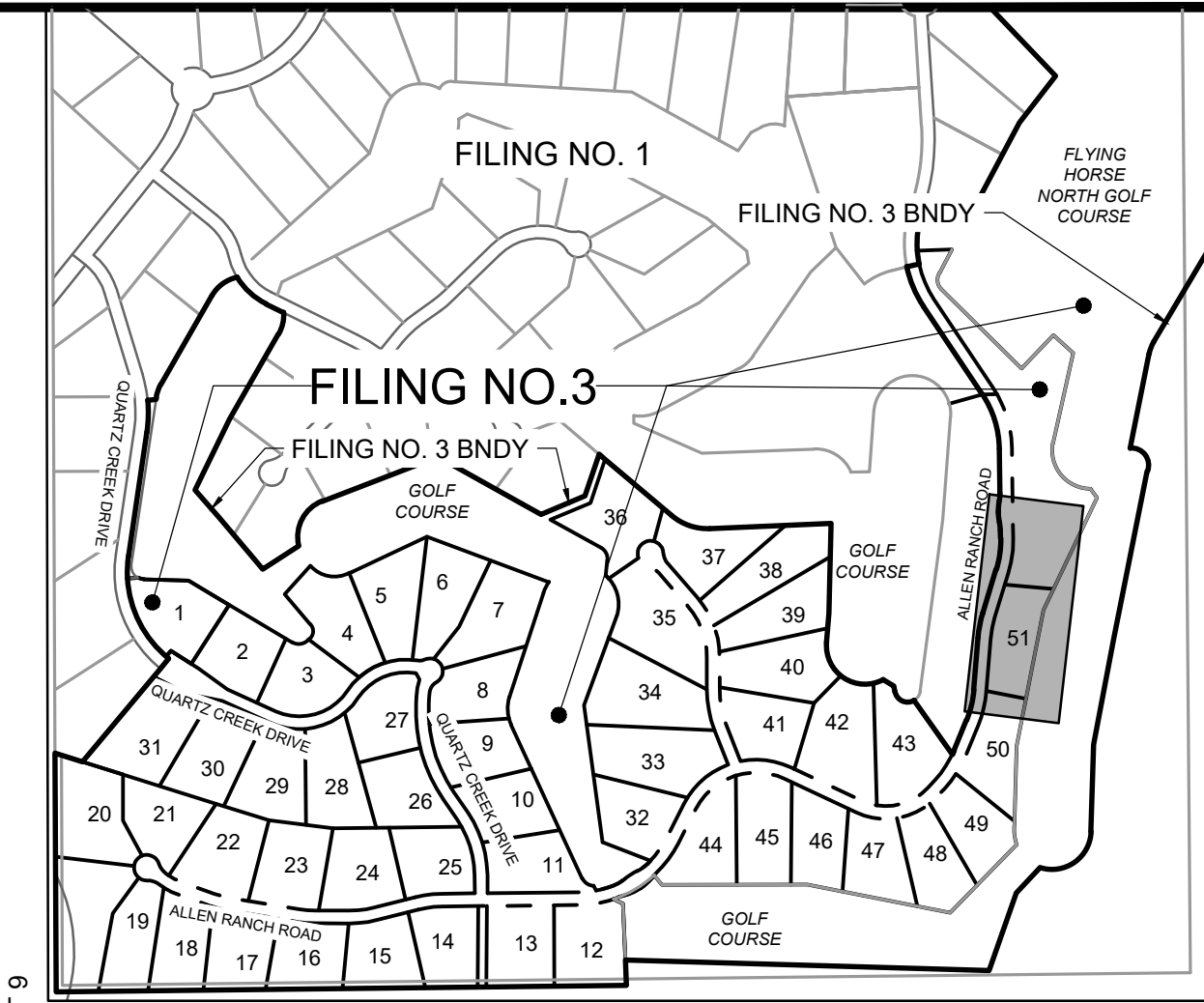
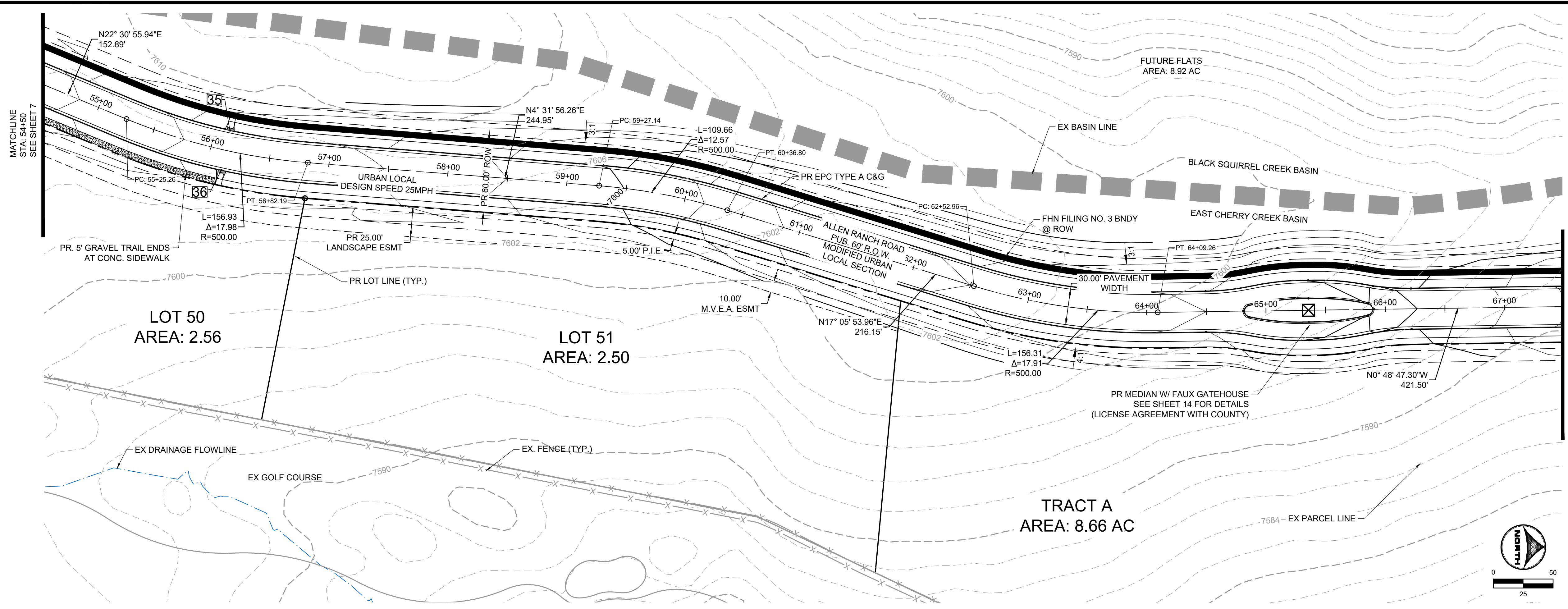
HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

**FLYING HORSE NORTH FILING 3
 PRI #2, LLC.**
 EL PASO COUNTY, CO

**STREET PLAN & PROFILE
 ALLEN RANCH ROAD**

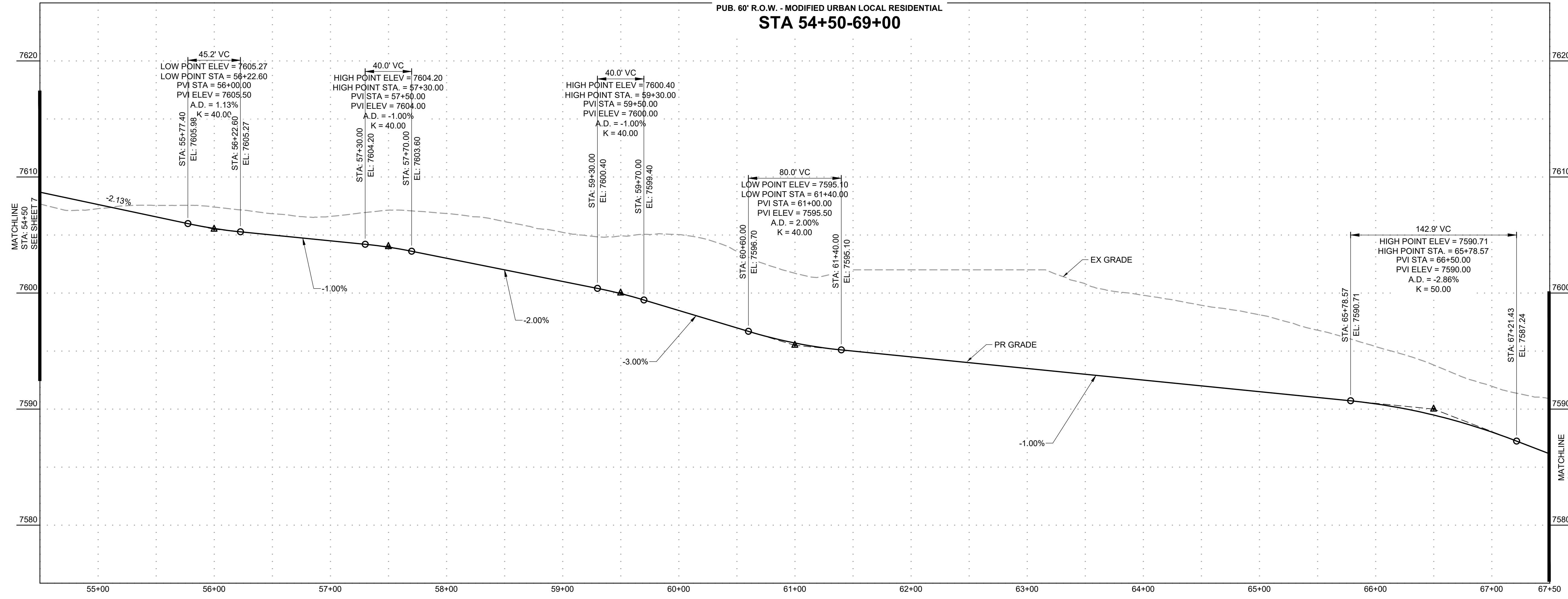
**SHEET
 ST 7**





POINT TABLE					
No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
35	HC RAMP MP	Allen Ranch Road	STA 56+12.42	17.0' L	7604.92
36	HC RAMP MP	Allen Ranch Road	STA 56+12.61	17.0' R	7604.95

ALLEN RANCH ROAD
 PUB. 60' R.O.W. - MODIFIED URBAN LOCAL RESIDENTIAL
 STA 54+50-69+00



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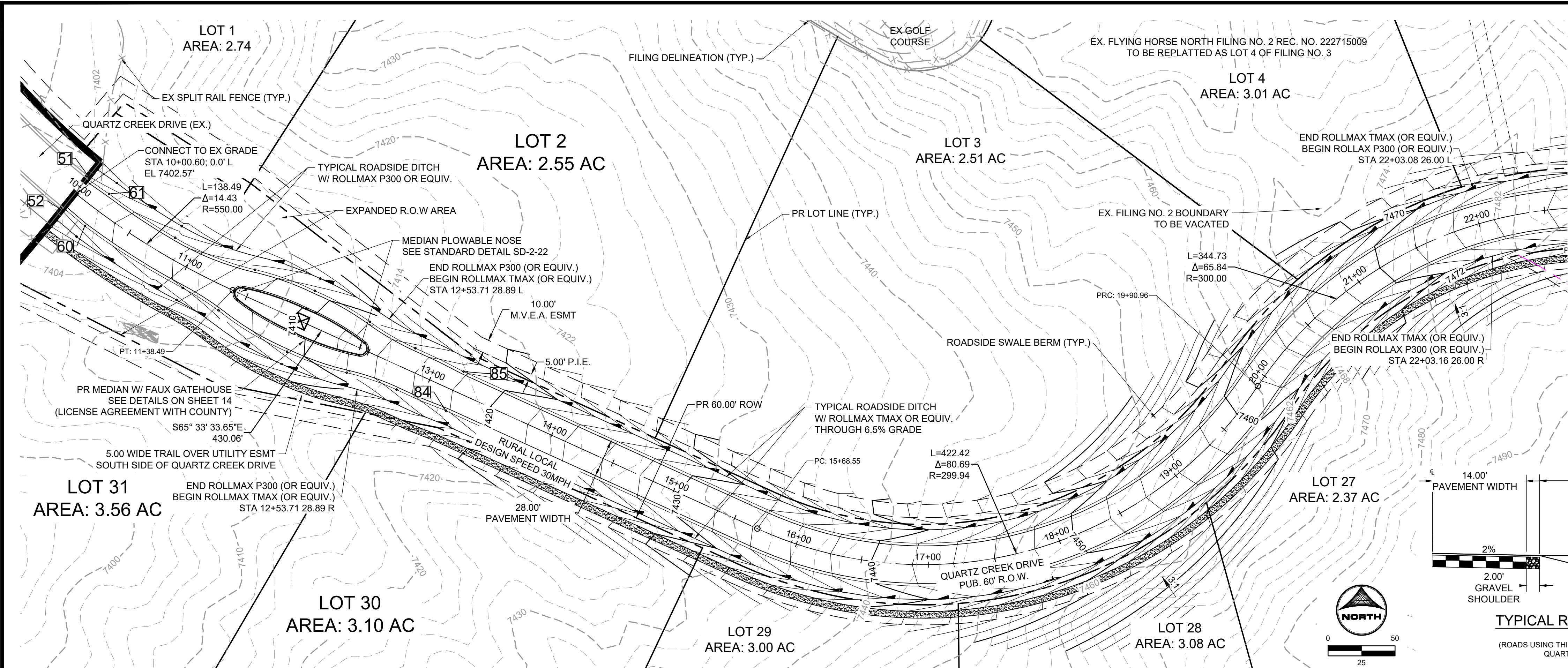
NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

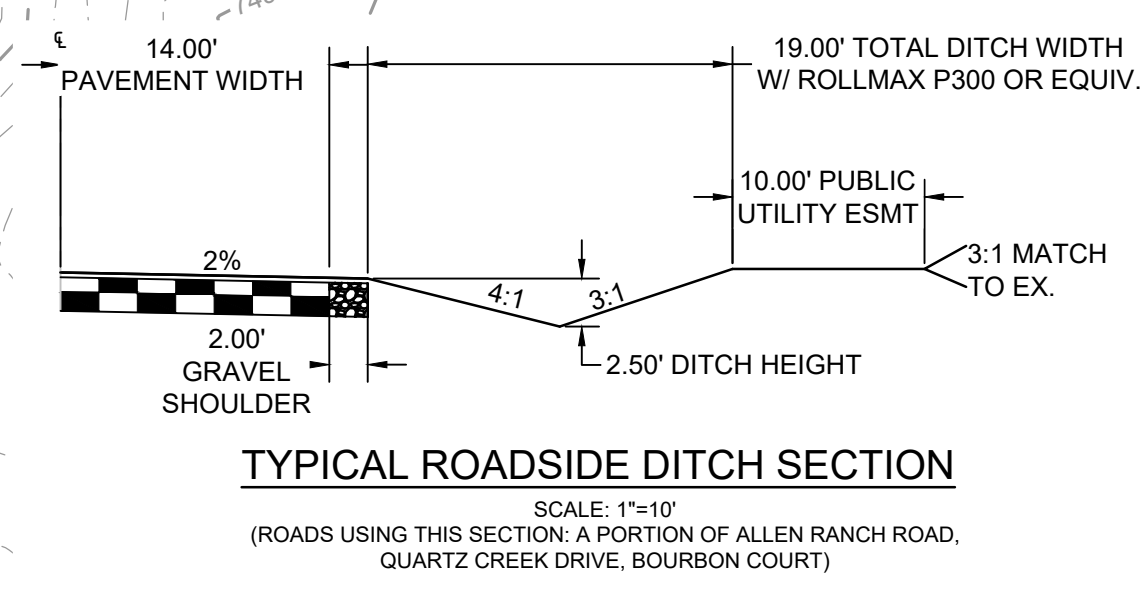
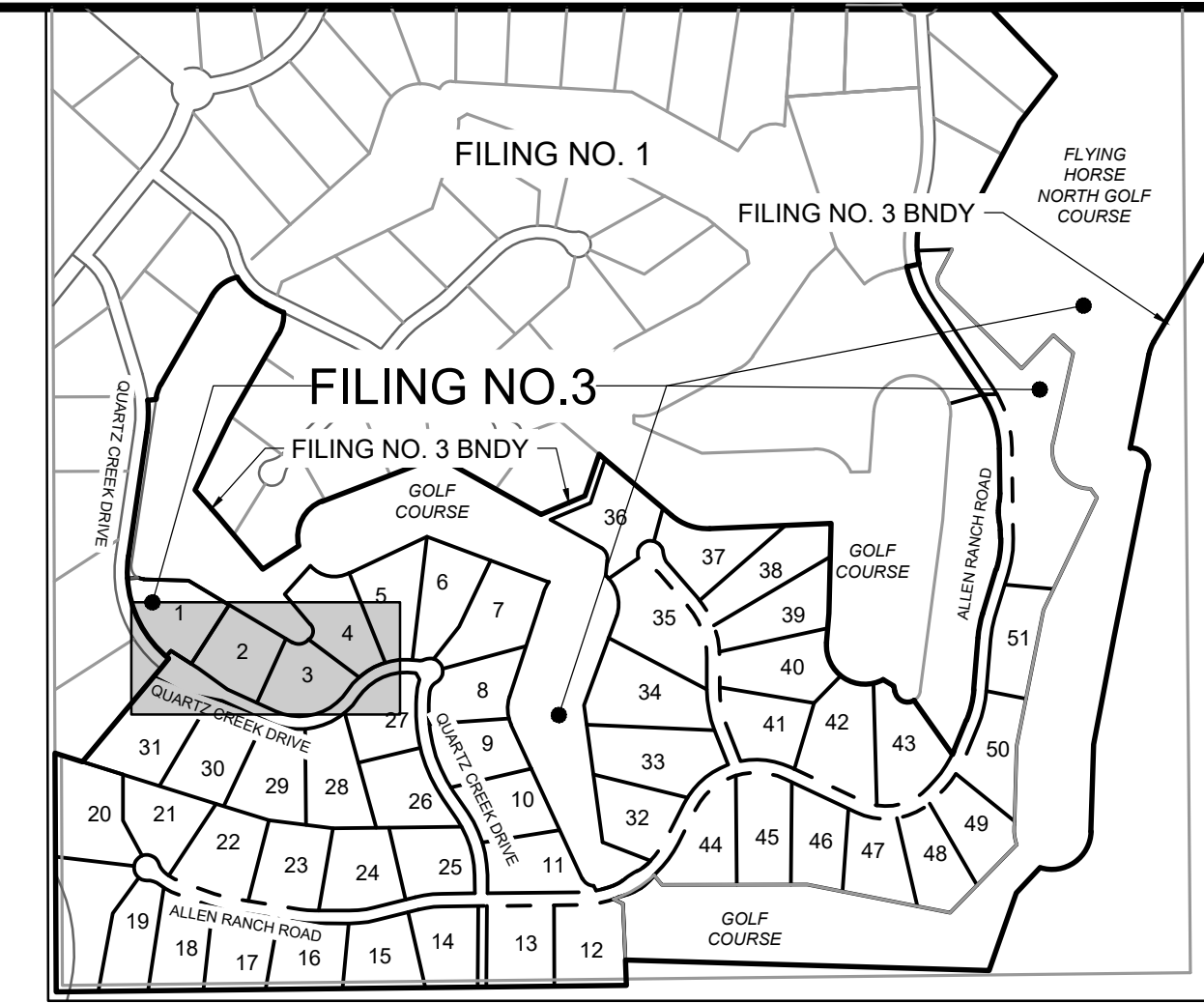
FLYING HORSE NORTH FILING 3
 PRI #2, LLC.
 EL PASO COUNTY, CO

STREET PLAN & PROFILE
 ALLEN RANCH ROAD

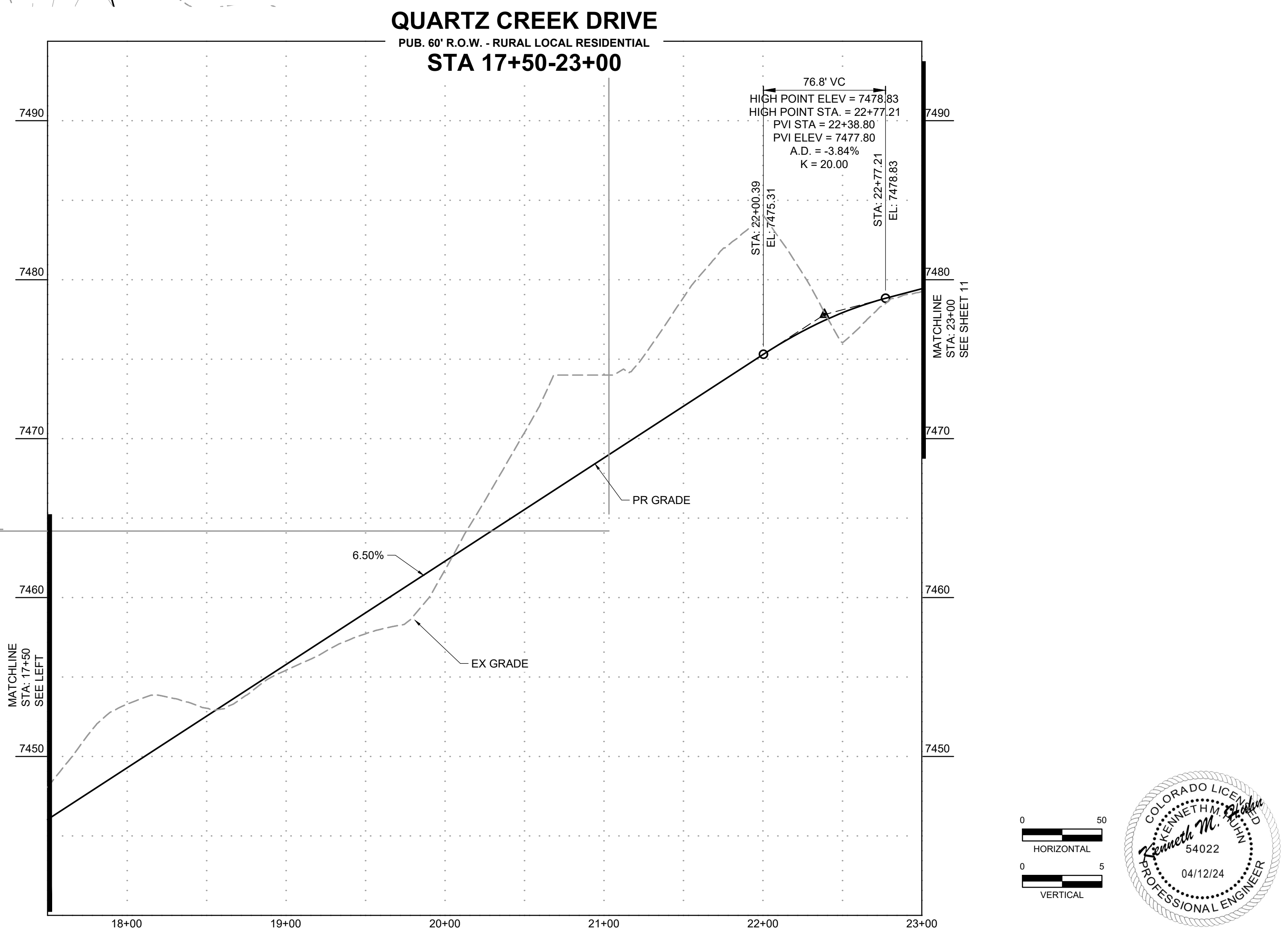
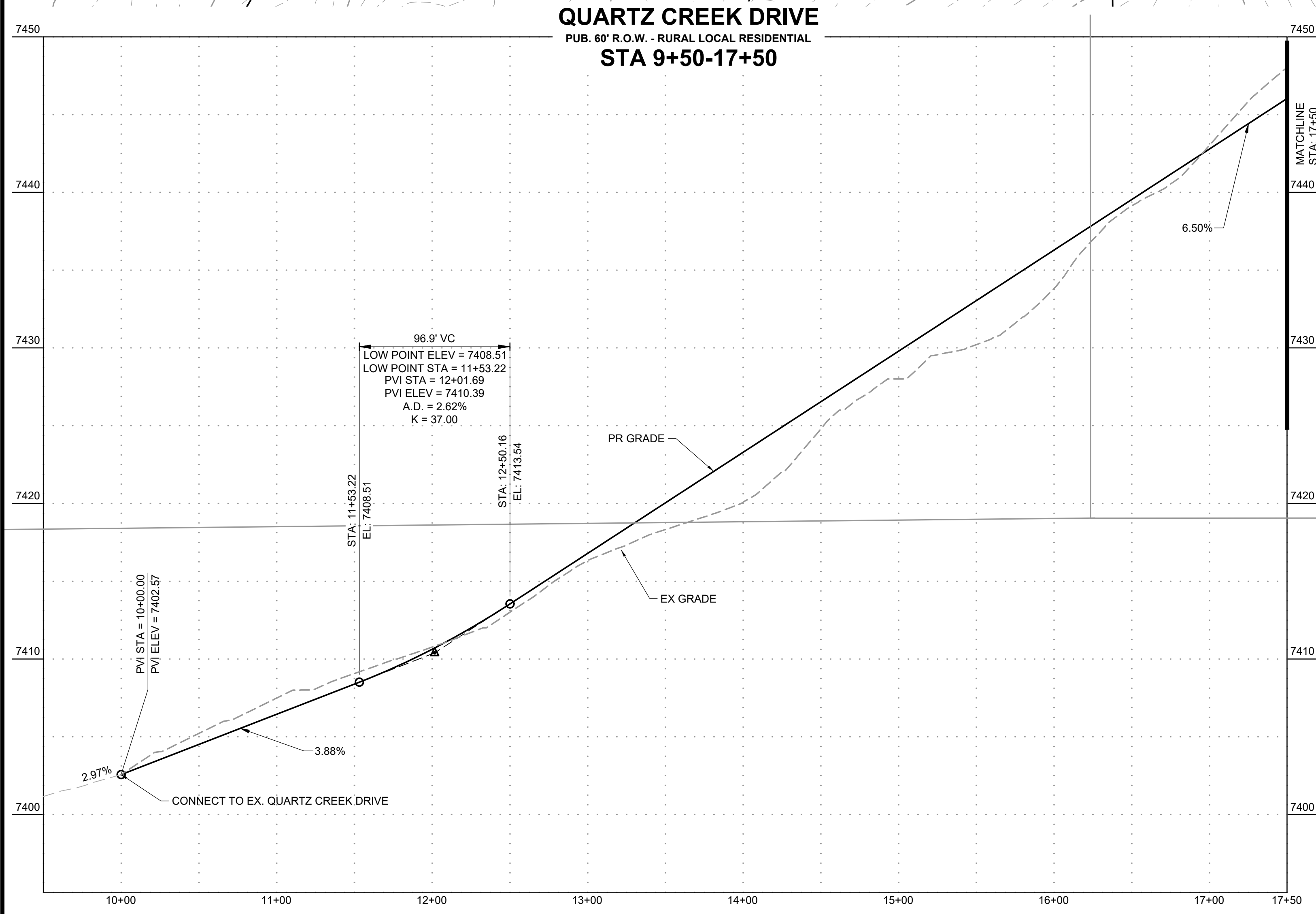
SHEET
ST
 8



MATCHLINE
STA 23+00
SEE SHEET 11



POINT TABLE					
No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
51	MATCH EX ±	Quartz Creek Drive	STA 10+00.30	16.0' L	7402.03
52	MATCH EX ±	Quartz Creek Drive	STA 10+00.89	16.0' R	7402.05
60	BEGIN MODIFIED	Quartz Creek Drive	STA 10+20.58	15.0' R	7403.06
61	BEGIN MODIFIED	Quartz Creek Drive	STA 10+20.58	15.0' L	7403.06
84	END MODIFIED	Quartz Creek Drive	STA 13+20.47	16.0' R	7417.79
85	END MODIFIED	Quartz Creek Drive	STA 13+20.47	16.0' L	7417.79



DRAWN BY: AXB JOB DATE: 4/10/2024
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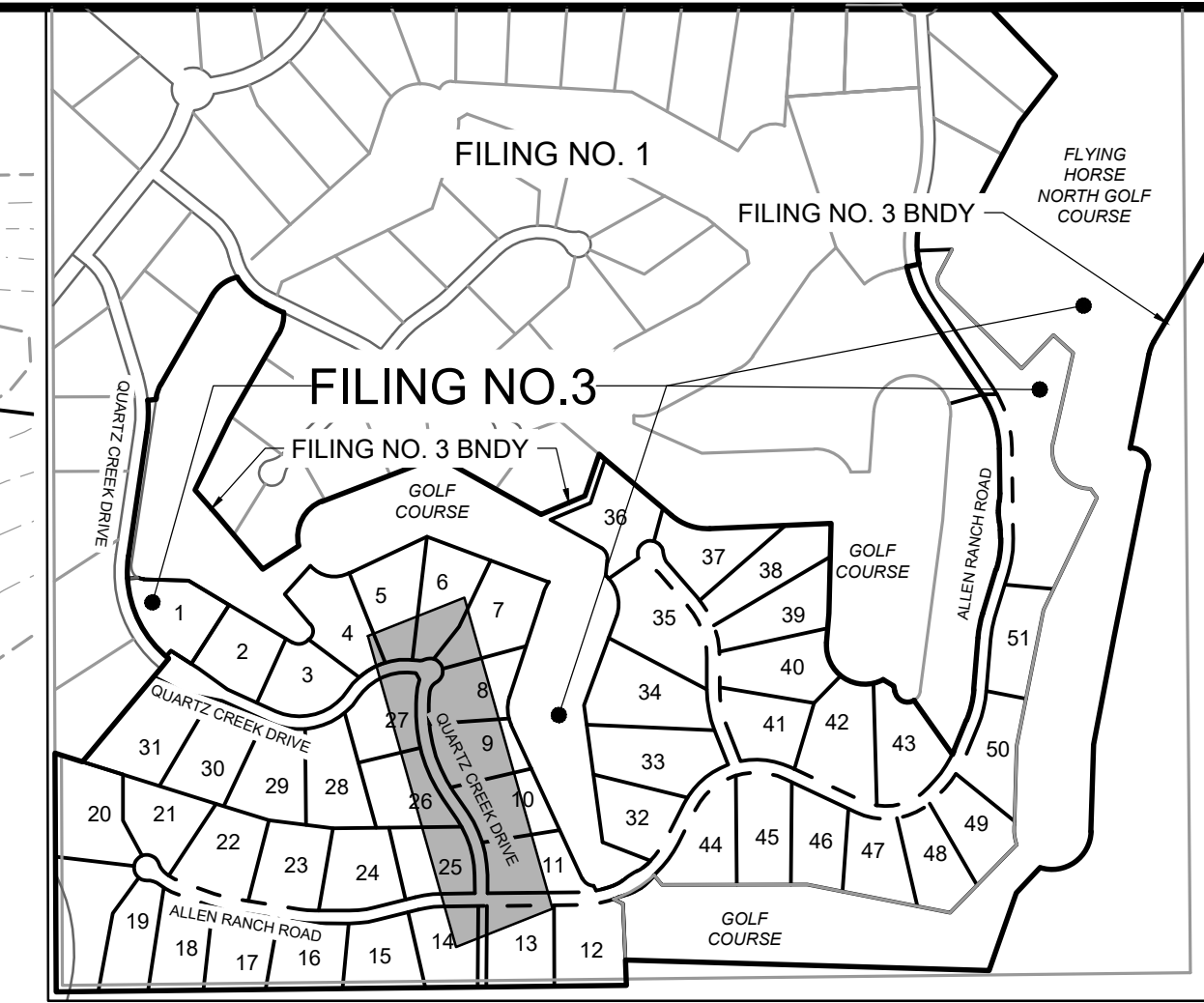
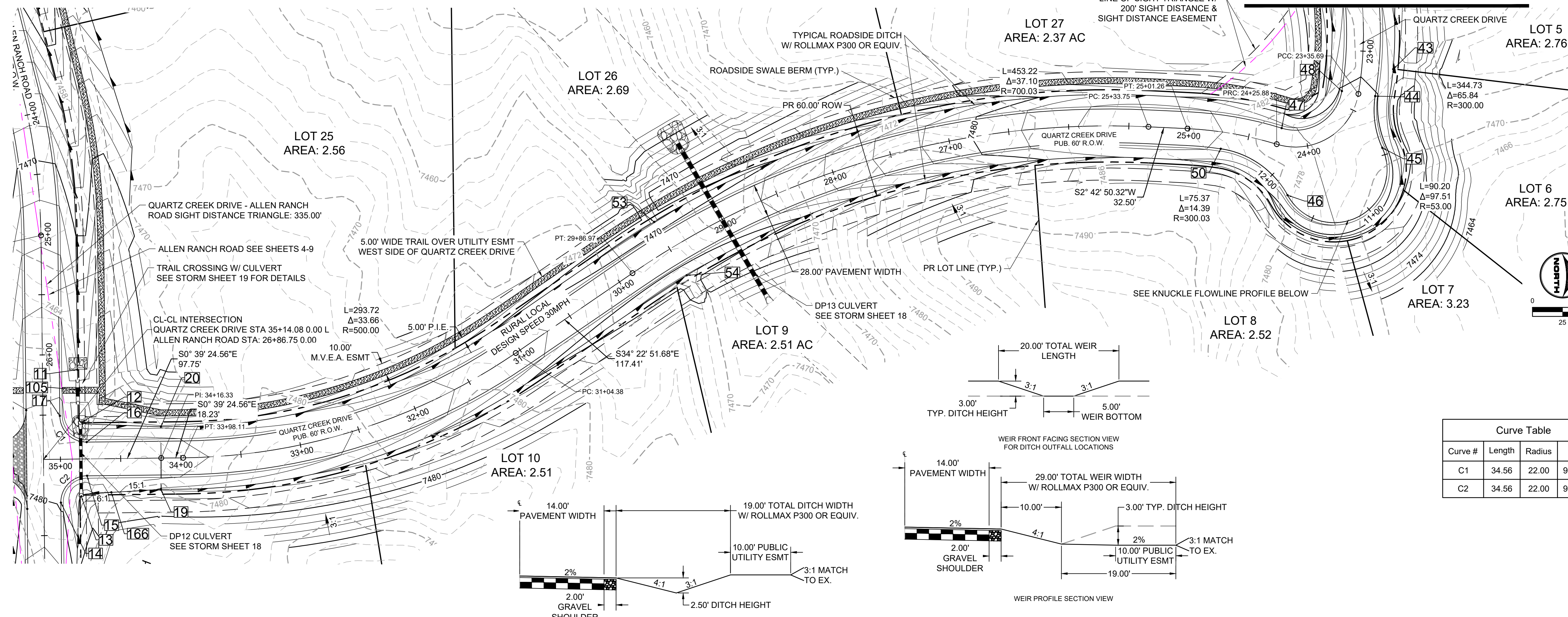
HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

**FLYING HORSE NORTH FILING 3
 PRI #2, LLC.**
 EL PASO COUNTY, CO

**STREET PLAN & PROFILE
 QUARTZ CREEK DRIVE**

**SHEET
 ST 10**



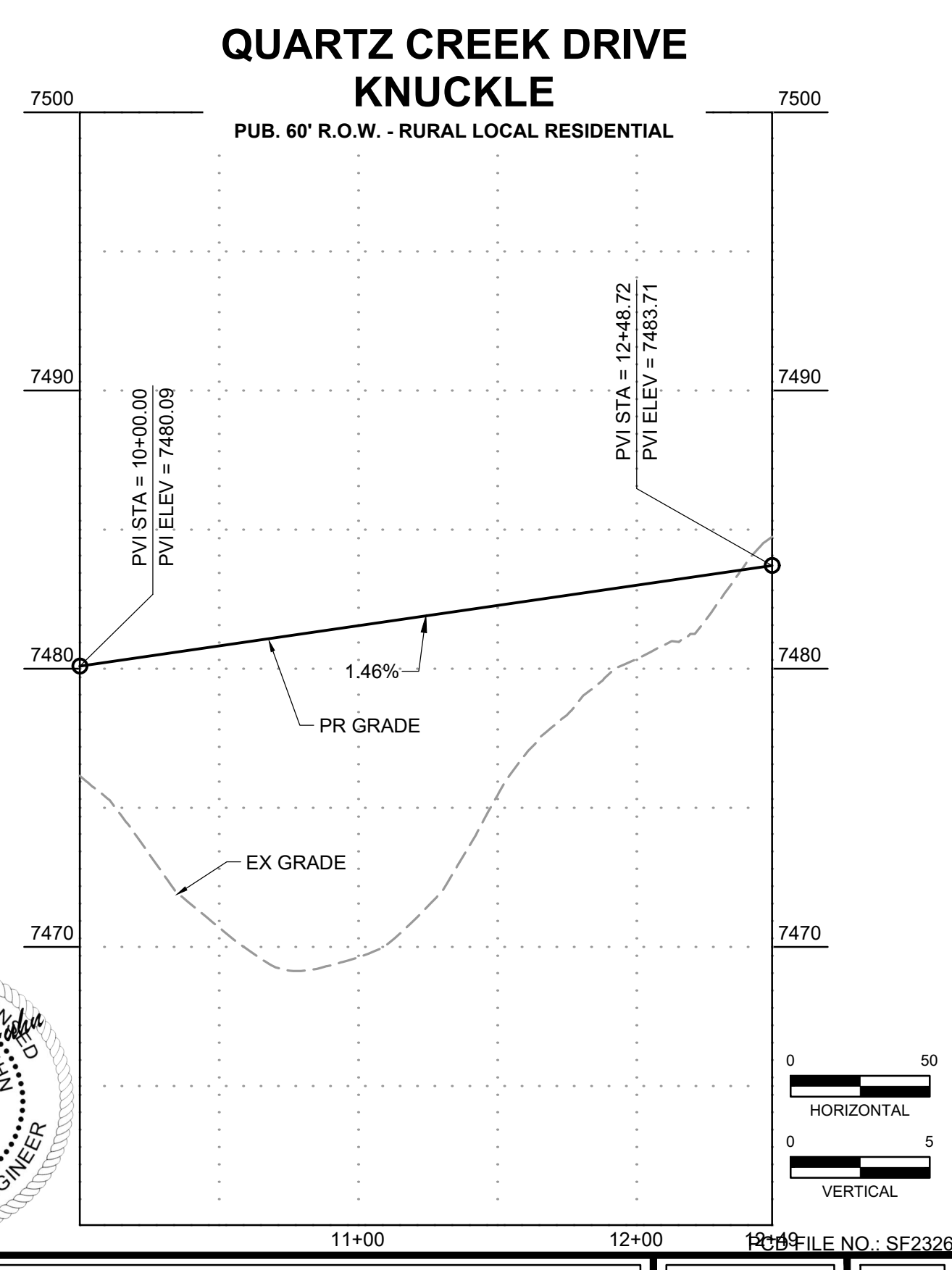
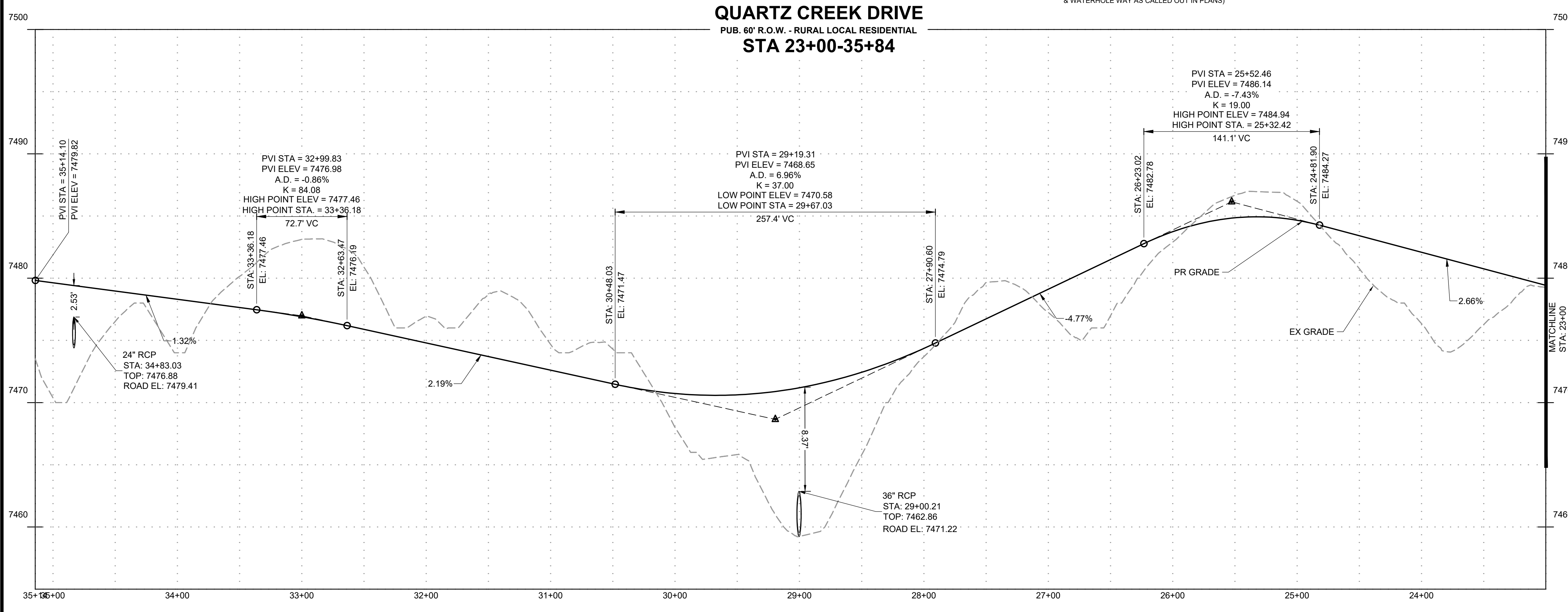
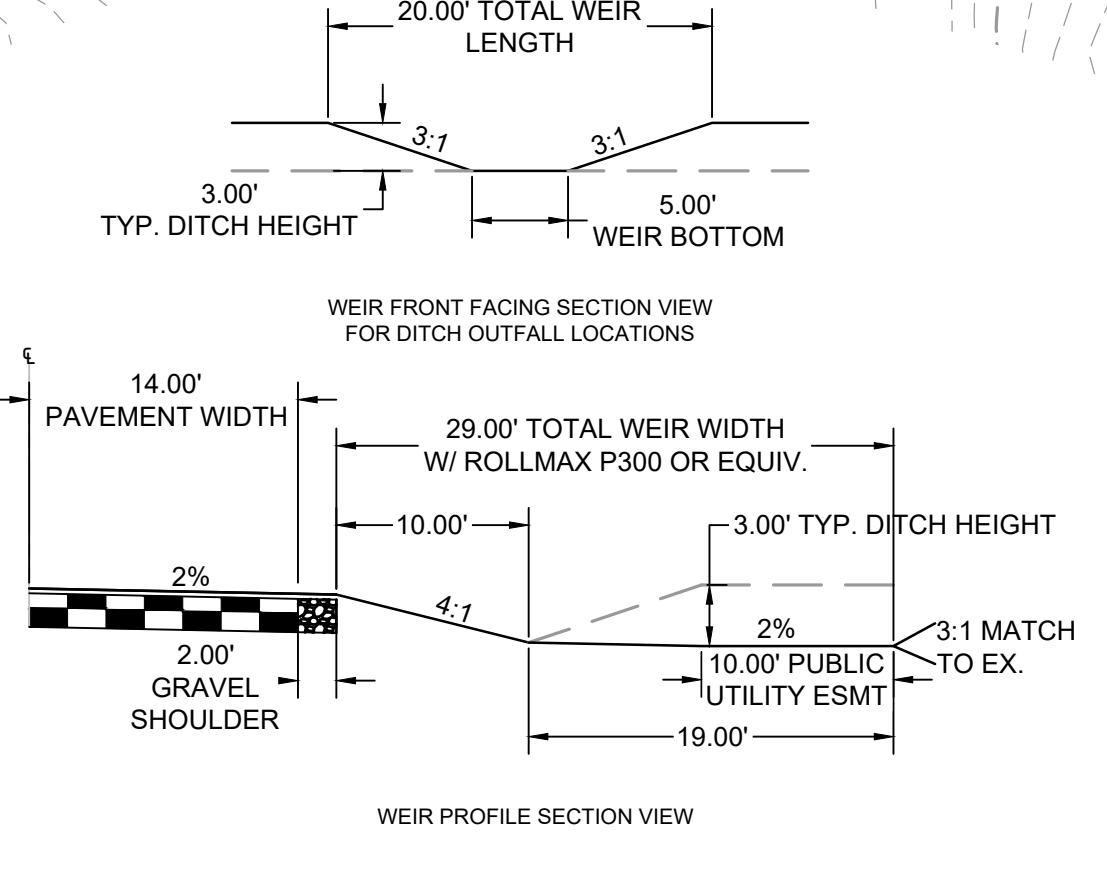
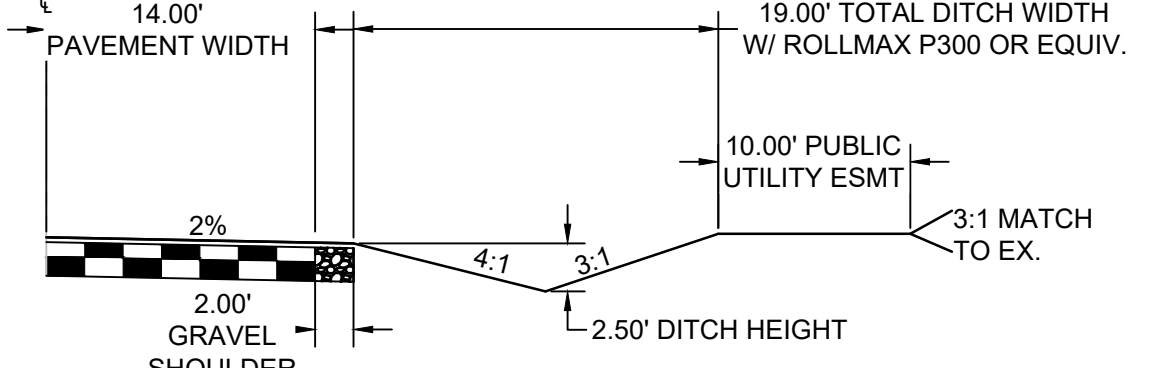


Curve Table

Curve #	Length	Radius	Delta
C1	34.56	22.00	90°00'00"
C2	34.56	22.00	90°00'00"

POINT TABLE

No.	DESC.	ALIGNMENT	STATION	OFFSET	FL. EL.
11	END FL TRANSITION	Allen Ranch Road	STA 26+12.67	29.0' L	7474.07
12	SWALE FL	Quartz Creek Drive	STA 34+82.20	30.3' R	7474.51
13	SWALE FL	Quartz Creek Drive	STA 34+83.03	31.1' L	7474.79
14	PCR	Allen Ranch Road	STA 27+22.75	14.0' L	7479.70
15	PCR	Allen Ranch Road	STA 27+00.75	36.0' L	7479.17
16	PCR	Allen Ranch Road	STA 26+72.75	36.0' L	7479.17
17	PCR	Allen Ranch Road	STA 26+50.75	14.0' L	7478.46
19	END FL TRANSITION	Quartz Creek Drive	STA 34+16.90	26.0' L	7475.70
20	BEGIN FL TRANSITION	Quartz Creek Drive	STA 34+16.34	26.0' R	7475.70
43	WEIR CNTR/SEE DT	Quartz Creek Drive	STA 23+12.68	26.0' L	7476.99
44	PCR	Quartz Creek Drive	STA 23+35.26	14.0' L	7480.09
45	PCR	Quartz Creek Drive	STA 23+60.71	36.8' L	7480.76
46	PCR	Quartz Creek Drive	STA 24+13.80	40.2' L	7482.67
47	PCR	Quartz Creek Drive	STA 24+25.88	14.0' R	7482.50
48	PCR	Quartz Creek Drive	STA 23+35.69	14.0' R	7480.10
50	PCR	Quartz Creek Drive	STA 24+71.46	14.0' L	7483.71
53	WEIR CNTR/SEE DT	Quartz Creek Drive	STA 29+49.46	26.0' R	7467.82
54	WEIR CNTR/SEE DT	Quartz Creek Drive	STA 29+49.46	26.0' L	7467.82
105	TRAIL CROSSING	Allen Ranch Road	STA 26+29.42	29.1' L	7477.78
166	HIGH PT	Quartz Creek Drive	STA 34+58.08	28.0' L	7478.50



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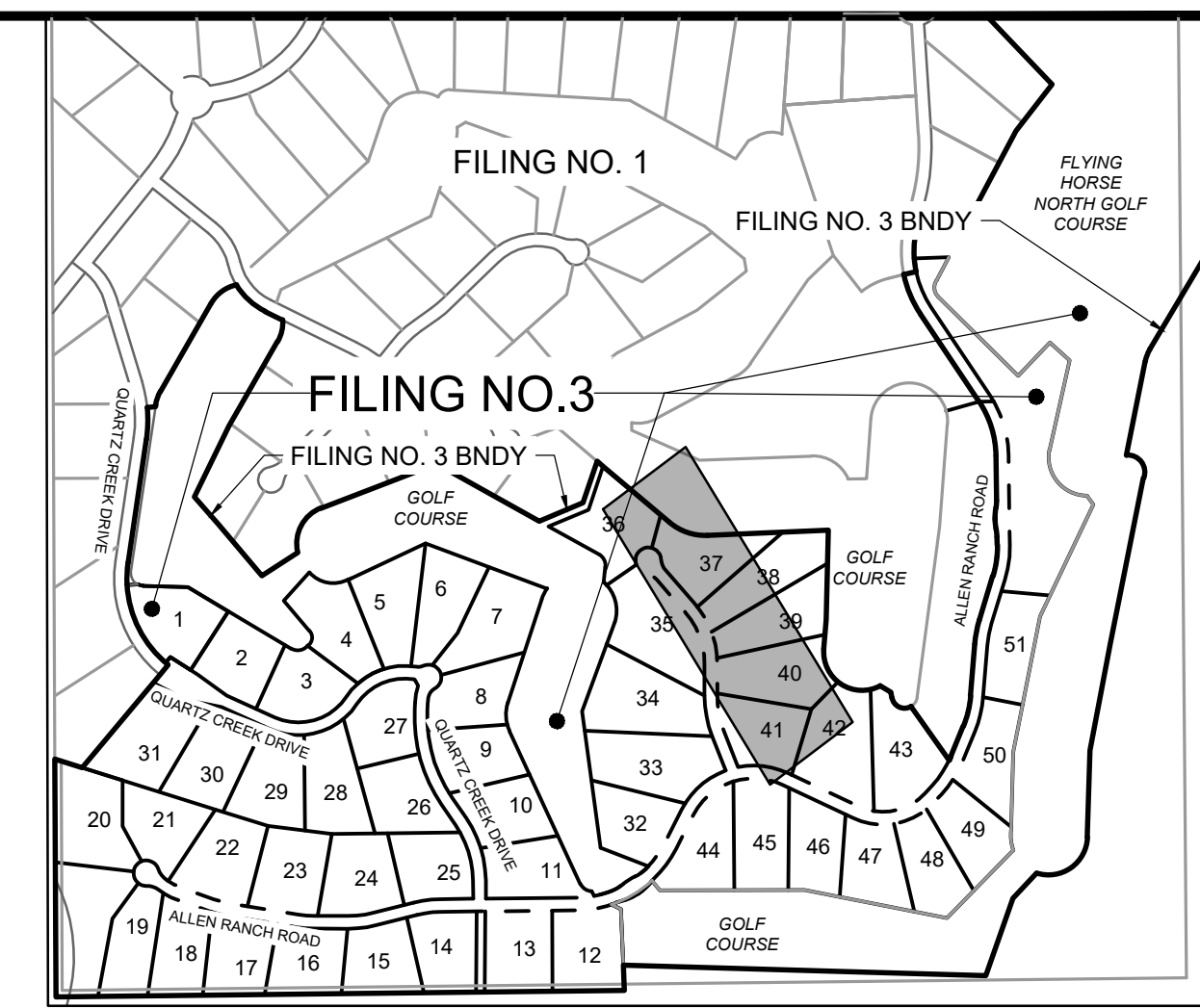
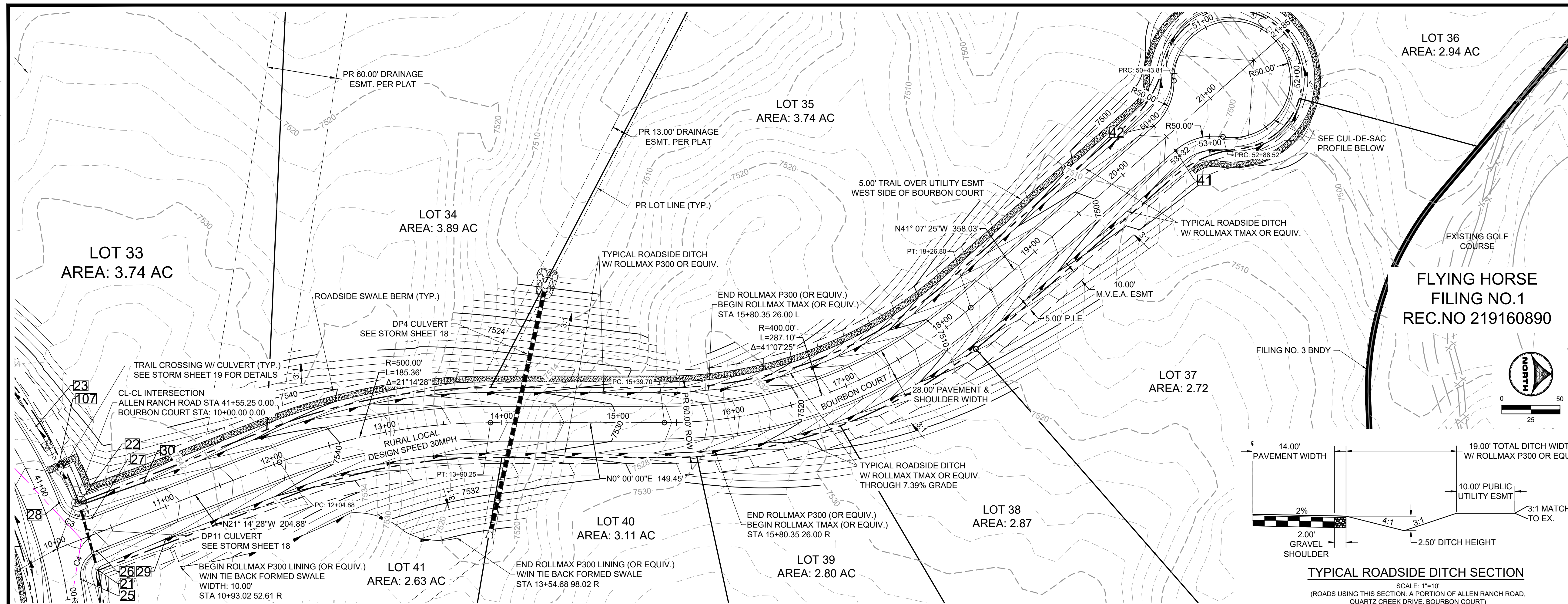
HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
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FLYING HORSE NORTH FILING 3
 PRI #2, LLC.
 EL PASO COUNTY, CO

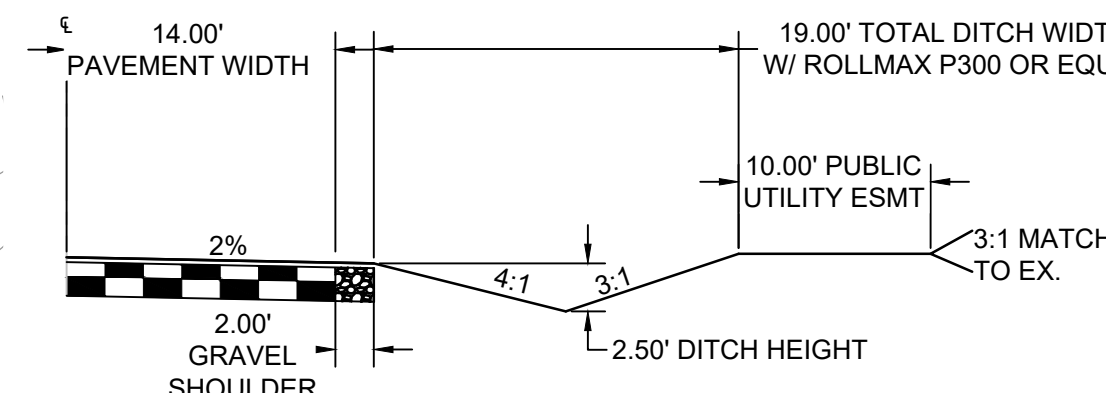
STREET PLAN & PROFILE
 QUARTZ CREEK DRIVE

SHEET **ST 11**

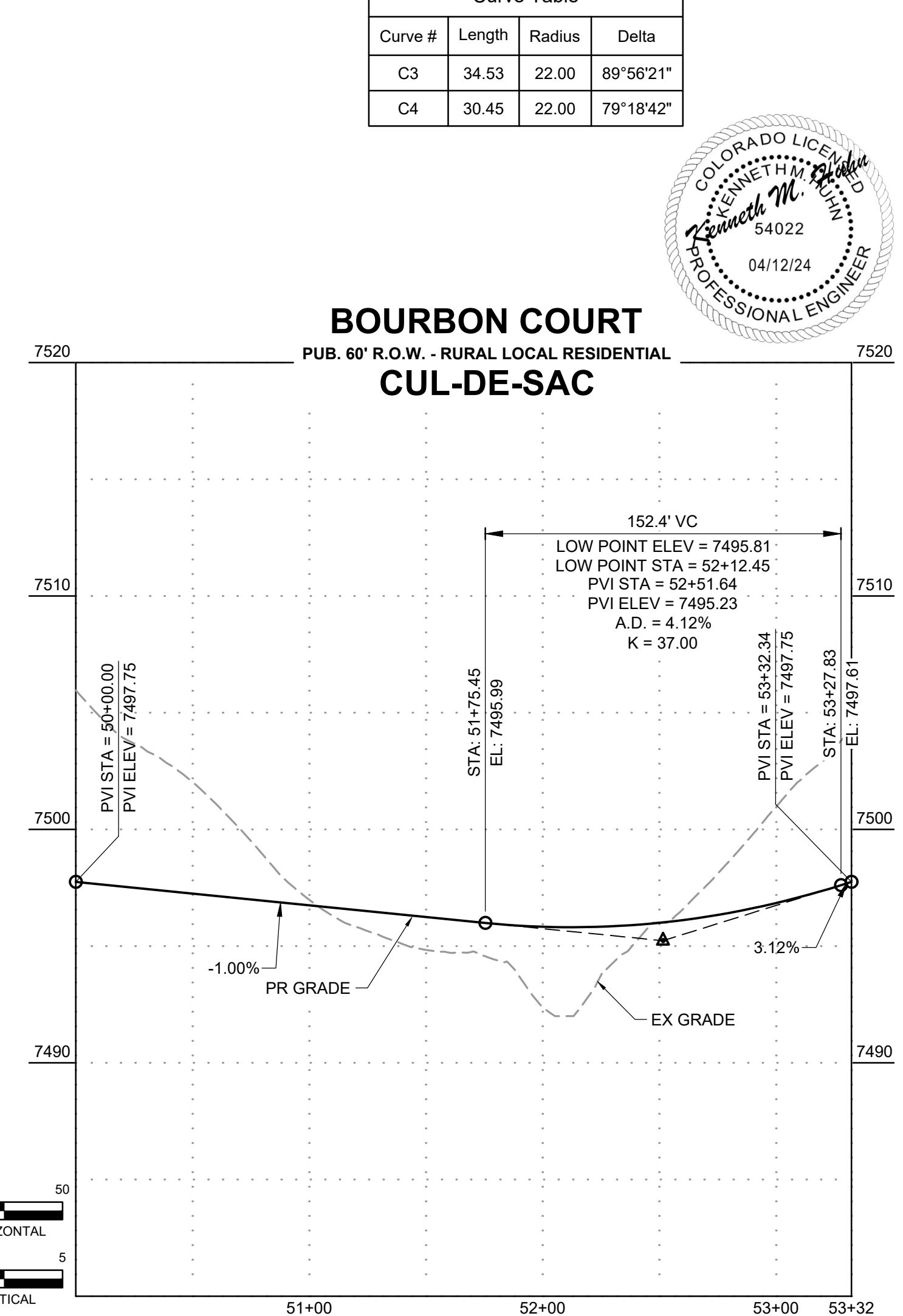
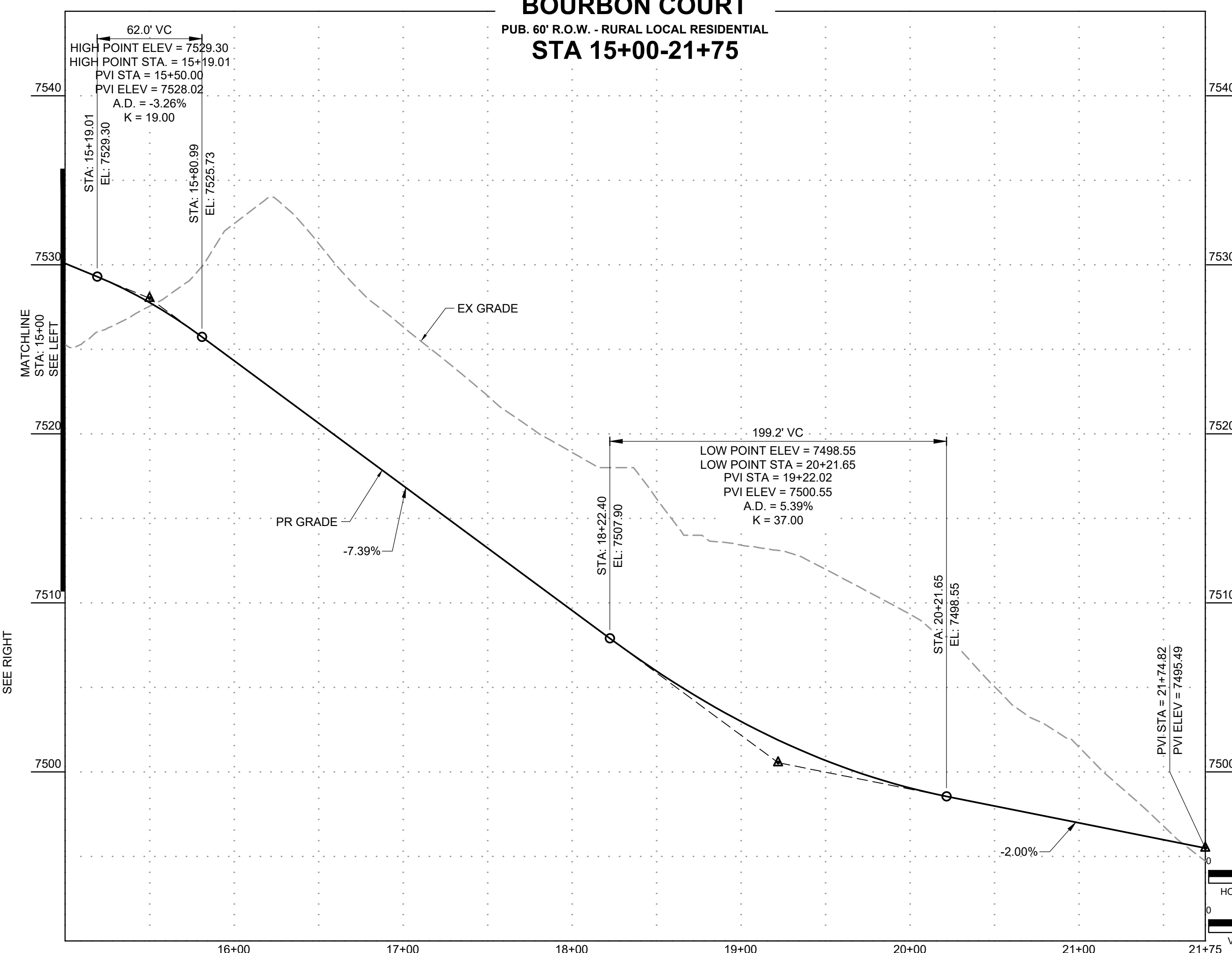
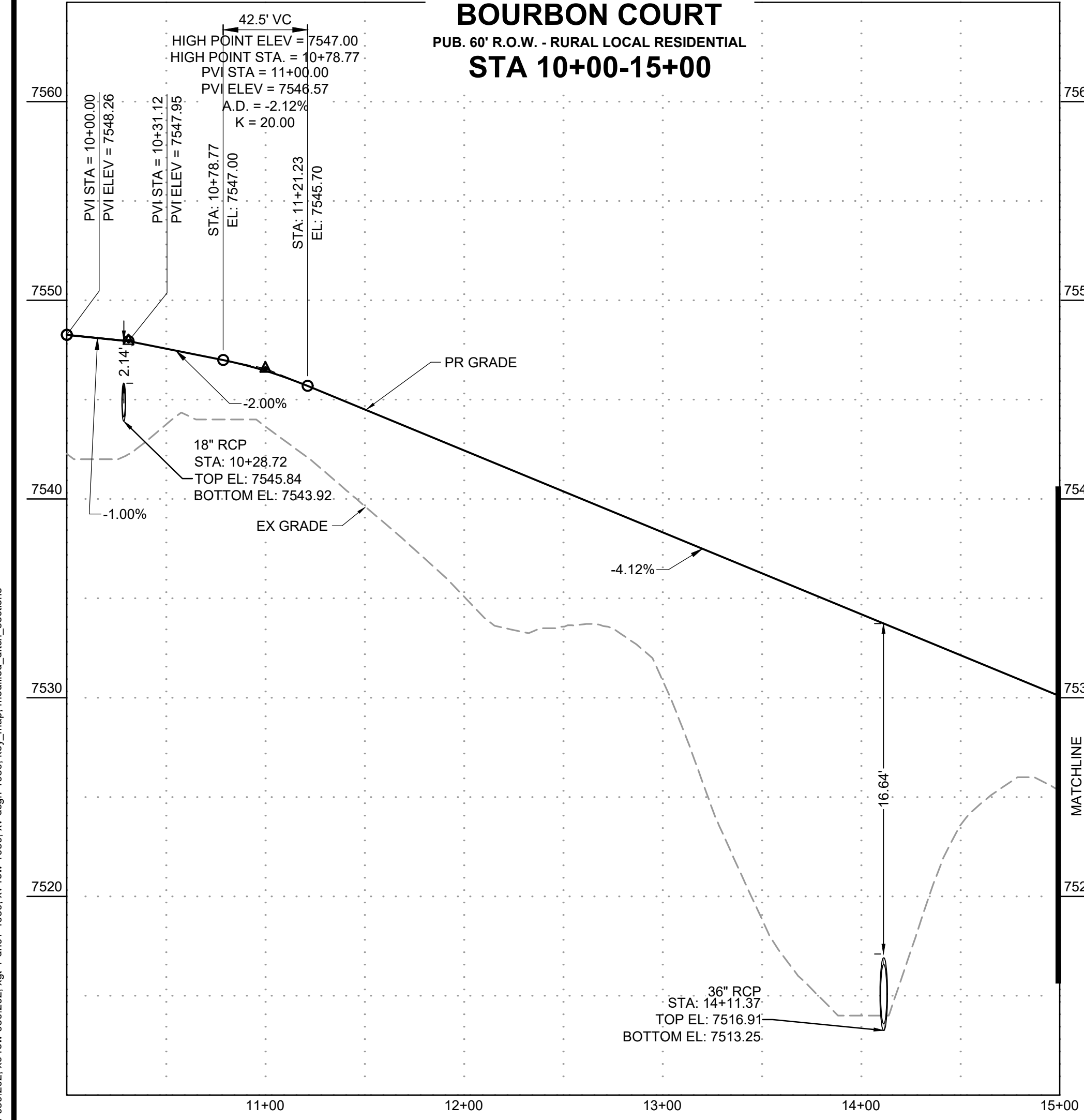




POINT TABLE					
No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
21	SWALE FL	Bourbon Court	STA 10+25.69	29.5' R	7544.44
22	SWALE FL	Bourbon Court	STA 10+31.81	30.0' L	7543.74
23	END FL TRANSITION	Allen Ranch Road	STA 40+55.08	26.0' L	7542.43
24	BEGIN FL TRANSITION	Allen Ranch Road	STA 42+50.06	26.0' L	7548.29
25	PCR	Allen Ranch Road	STA 41+84.89	14.0' L	7548.86
26	PCR	Allen Ranch Road	STA 41+65.10	32.5' L	7548.38
27	PCR	Allen Ranch Road	STA 41+39.16	36.6' L	7547.73
28	PCR	Allen Ranch Road	STA 41+19.23	14.0' L	7546.88
41	PCR	Bourbon Court	STA 20+47.99	14.0' R	7497.75
42	PCR	Bourbon Court	STA 20+47.99	14.0' L	7497.75
107	TRAIL CROSSING	Allen Ranch Road	STA 40+90.97	26.7' L	7546.24



Curve Table			
Curve #	Length	Radius	Delta
C3	34.53	22.00	89°56'21"
C4	30.45	22.00	79°18'42"



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BAR IS ONE INCH ON OFFICIAL DRAWINGS.
IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

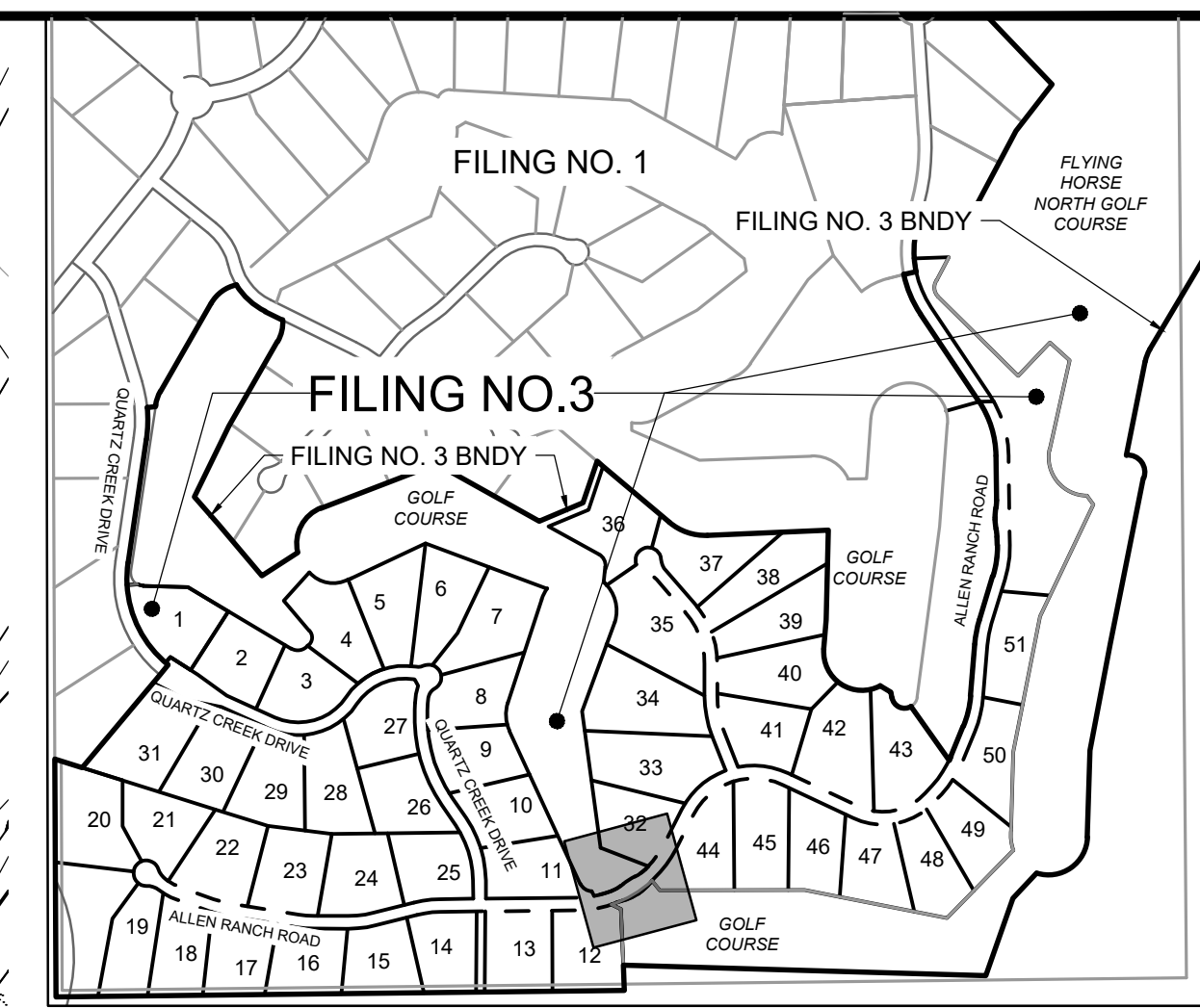
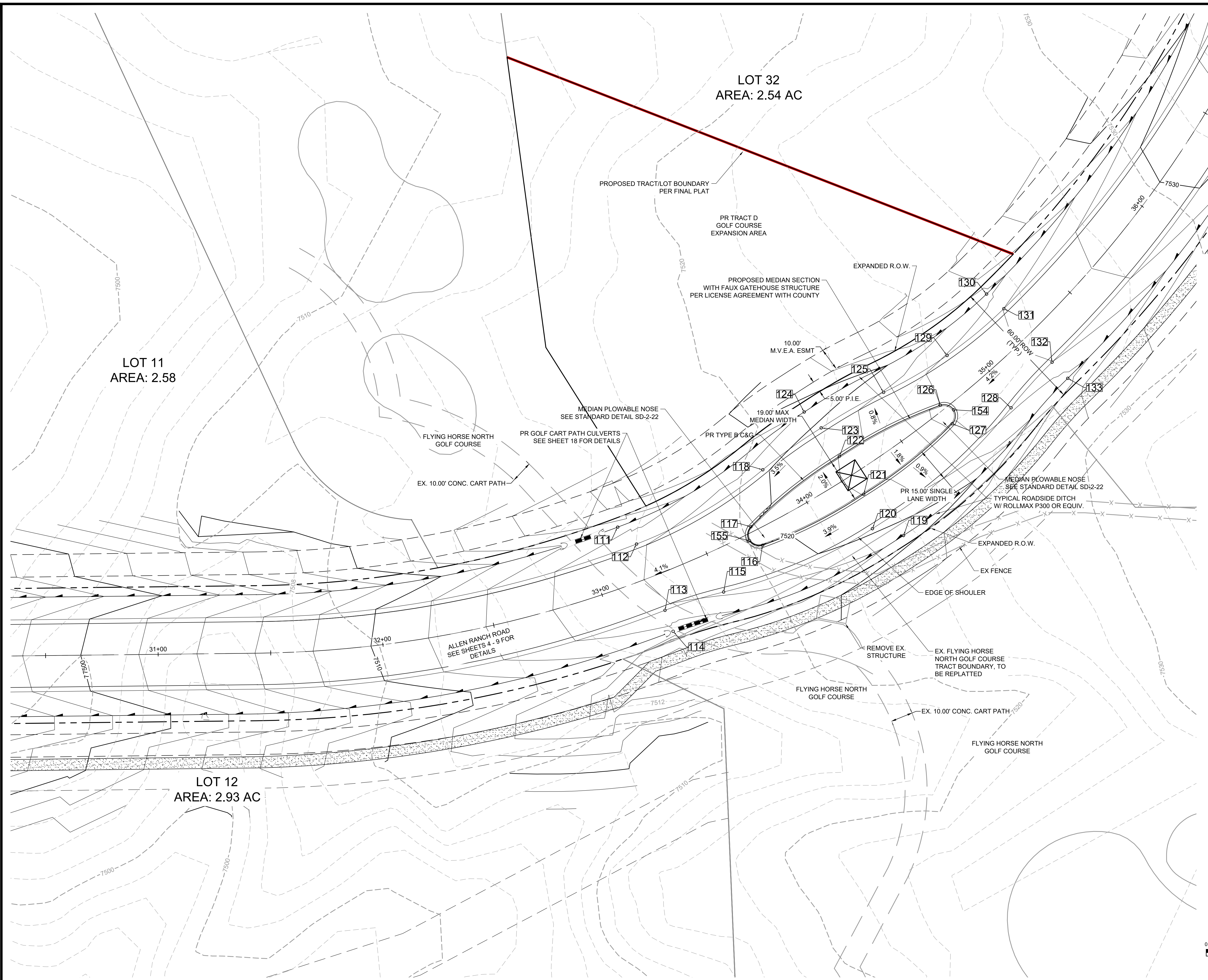
NO.	DATE	BY	REVISION DESCRIPTION

HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

FLYING HORSE NORTH FILING 3
PRI #2, LLC.
EL PASO COUNTY, CO

STREET PLAN & PROFILE
BOURBON COURT

SHEET
ST 12



POINT TABLE					
No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
111	SWALE FL	Allen Ranch Road	STA 33+17.00	26.0' L	7515.07
112	BEGIN MODIFIED	Allen Ranch Road	STA 33+22.39	16.0' L	7517.79
113	BEGIN MODIFIED	Allen Ranch Road	STA 33+23.53	16.0' R	7517.83
114	SWALE FL	Allen Ranch Road	STA 33+23.53	26.0' R	7515.33
115	EDGE OF SHOULDER	Allen Ranch Road	STA 33+49.77	18.6' R	7518.39
116	TYPE B C&G	Allen Ranch Road	STA 33+73.79	7.3' R	7519.82
117	TYPE B C&G	Allen Ranch Road	STA 33+72.83	2.4' L	7519.88
118	EDGE OF SHOULDER	Allen Ranch Road	STA 33+89.78	22.3' L	7519.40
119	SWALE FL	Allen Ranch Road	STA 34+27.82	35.0' R	7518.40
120	EDGE OF SHOULDER	Allen Ranch Road	STA 34+18.39	25.0' R	7520.52
121	TYPE B C&G	Allen Ranch Road	STA 34+23.15	10.0' R	7521.54
122	TYPE B C&G	Allen Ranch Road	STA 34+23.15	10.0' L	7521.54
123	EDGE OF SHOULDER	Allen Ranch Road	STA 34+23.15	25.0' L	7520.71
124	SWALE FL	Allen Ranch Road	STA 34+20.46	35.0' L	7518.10
125	EDGE OF SHOULDER	Allen Ranch Road	STA 34+56.52	22.3' L	7522.12
126	TYPE B C&G	Allen Ranch Road	STA 34+73.47	2.4' L	7524.08
127	TYPE B C&G	Allen Ranch Road	STA 34+72.51	7.3' R	7523.85
128	EDGE OF SHOULDER	Allen Ranch Road	STA 34+96.51	18.6' R	7524.39
129	EDGE OF SHOULDER	Allen Ranch Road	STA 34+90.18	17.6' L	7524.15
130	SWALE FL	Allen Ranch Road	STA 35+22.91	26.0' L	7523.02
131	END MODIFIED	Allen Ranch Road	STA 35+23.92	16.0' L	7526.03
132	END MODIFIED	Allen Ranch Road	STA 35+22.76	16.0' R	7525.98
133	SWALE FL	Allen Ranch Road	STA 35+22.76	26.0' R	7523.02
154	PLOWABLE NOSE	Allen Ranch Road	STA 34+76.82	2.9' R	7524.55
155	PLOWABLE NOSE	Allen Ranch Road	STA 33+69.48	2.9' R	7520.01

HR GREEN, xref: xc-dgn-030, 2022, xc-raw-030, 2022, xg-1-dh01-1030, xc-row-1030, xc-row-1030, key_map, modified, ditch, sections

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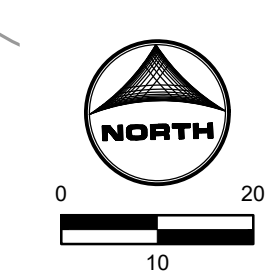
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 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 719.965.0044

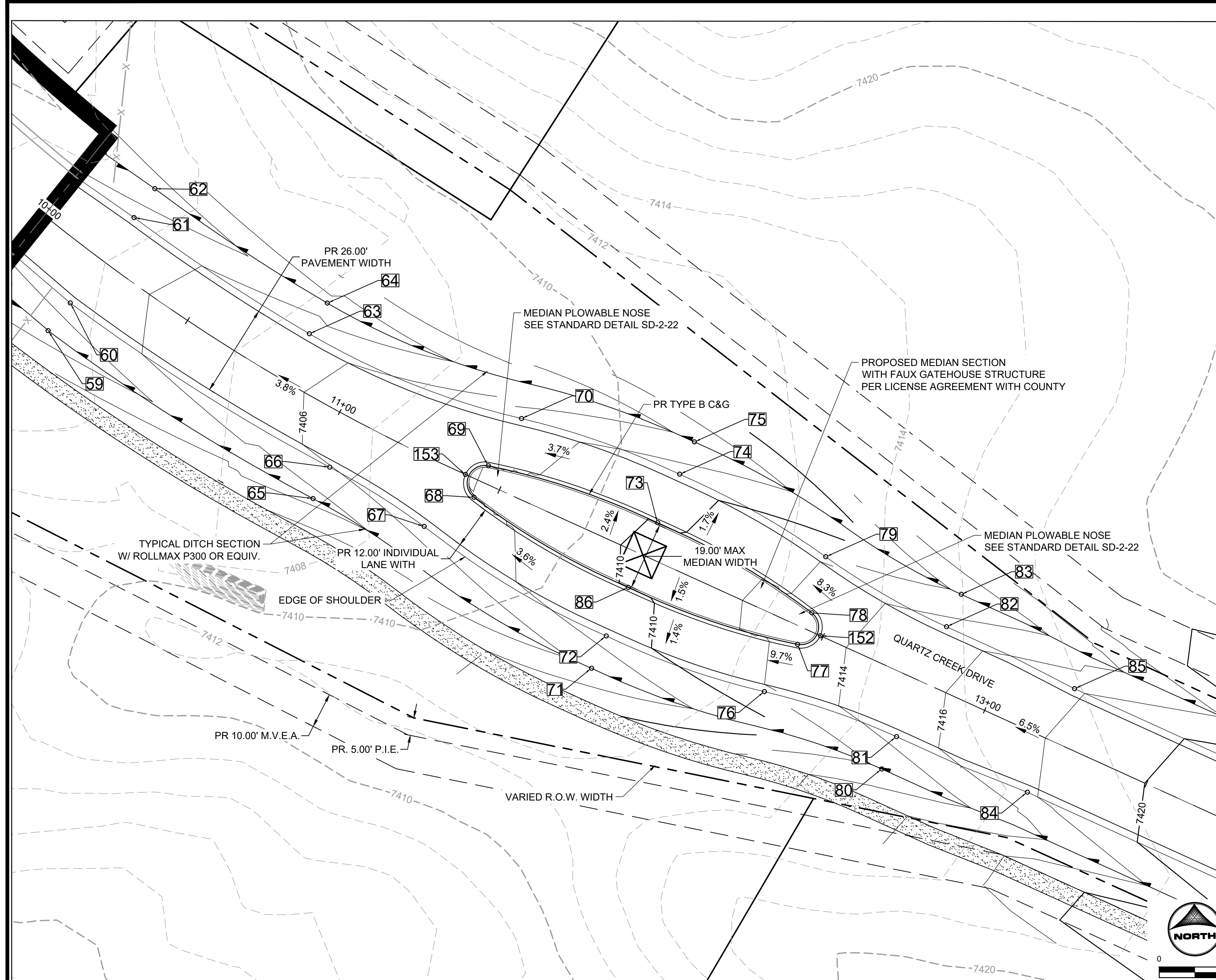
**FLYING HORSE NORTH FILING 3
 PRI #2, LLC.**
 EL PASO COUNTY, CO

STREET PLAN & PROFILE
 ALLEN RANCH ROAD CART PATH CROSSING

SHEET
ST 13

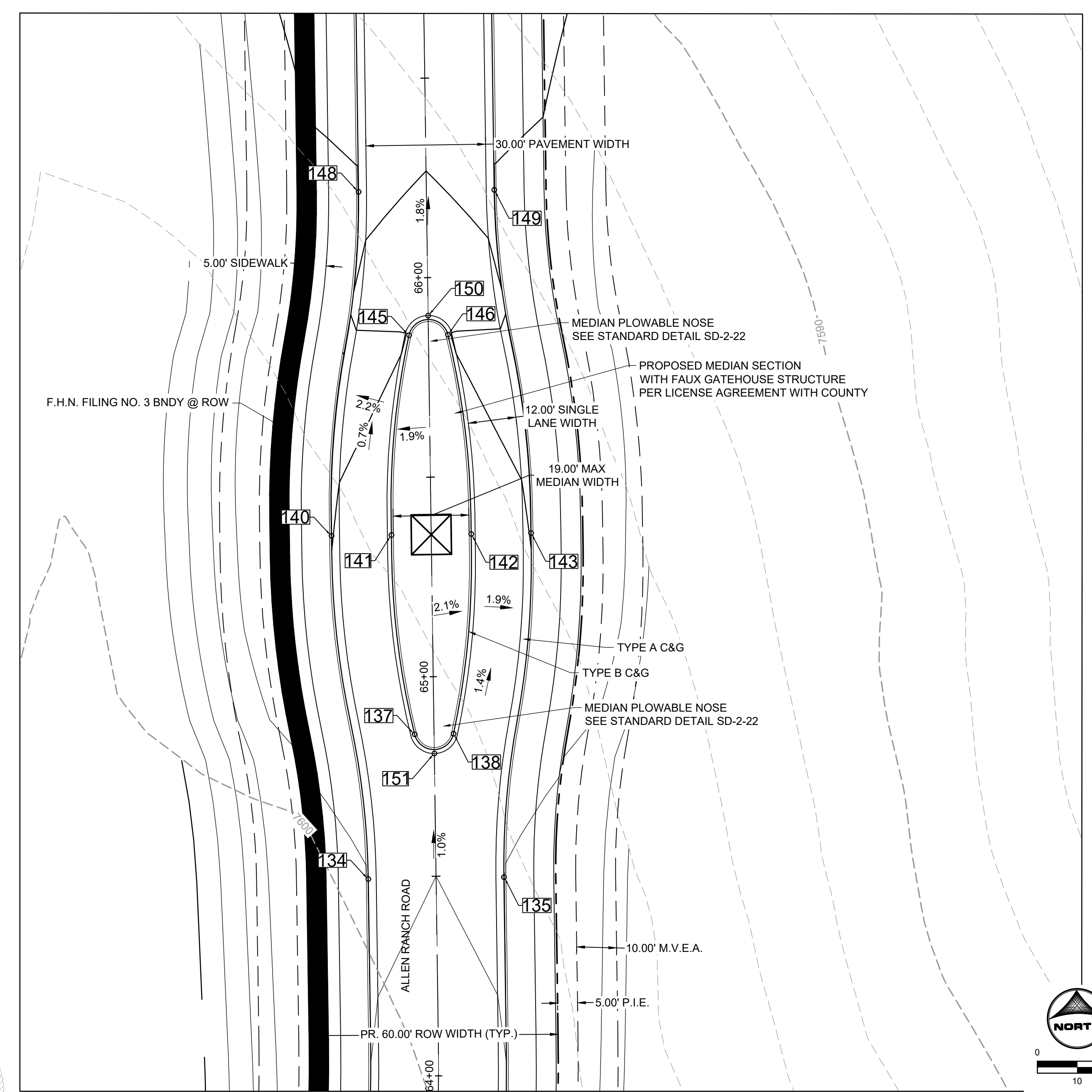
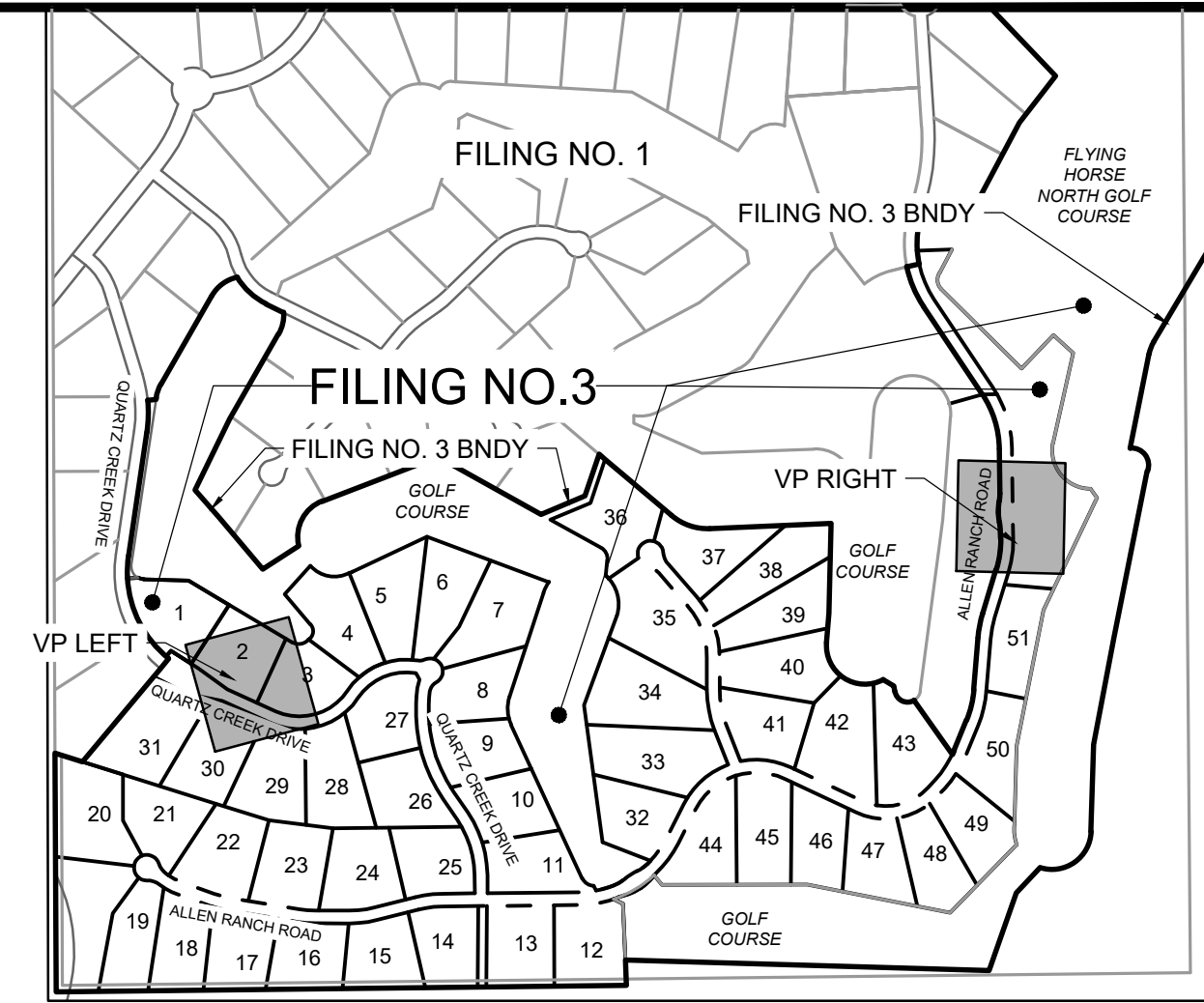


HERGER, DANIEL, 4/11/2024, 12:14 PM



No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
134	BEGIN FL TRANSITION	Allen Ranch Road	STA 64+49.53	17.0' L	7591.54
135	BEGIN FL TRANSITION	Allen Ranch Road	STA 64+49.53	17.0' R	7591.54
137	TYPE B C&G	Allen Ranch Road	STA 64+85.63	4.9' L	7591.24
138	TYPE B C&G	Allen Ranch Road	STA 64+85.63	4.9' R	7591.24
140	TYPE A C&G	Allen Ranch Road	STA 65+35.64	25.0' L	7589.96
141	TYPE B C&G	Allen Ranch Road	STA 65+35.62	10.0' L	7590.45
142	TYPE B C&G	Allen Ranch Road	STA 65+35.64	10.0' R	7590.45
143	TYPE A C&G	Allen Ranch Road	STA 65+35.64	25.0' R	7589.96
145	TYPE B C&G	Allen Ranch Road	STA 65+85.62	4.9' L	7590.31
146	TYPE B C&G	Allen Ranch Road	STA 65+85.62	4.9' R	7590.31
148	END TYPE A C&G	Allen Ranch Road	STA 66+21.74	17.0' L	7589.63
149	END TYPE A C&G	Allen Ranch Road	STA 66+21.74	17.0' R	7589.63
150	PLOWABLE NOSE	Allen Ranch Road	STA 65+90.50	0.0'	7590.64
151	PLOWABLE NOSE	Allen Ranch Road	STA 64+80.75	0.0'	7591.62

POINT TABLE
ALLEN RANCH ROAD
MEDIAN AND MONUMENT



No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
59	SWALE FL	Quartz Creek Drive	STA 10+20.26	25.0' R	7400.84
60	BEGIN MODIFIED	Quartz Creek Drive	STA 10+20.58	15.0' R	7403.06
61	BEGIN MODIFIED	Quartz Creek Drive	STA 10+20.58	15.0' L	7403.06
62	SWALE FL	Quartz Creek Drive	STA 10+20.40	25.0' L	7400.85
63	EDGE OF SHOULDER	Quartz Creek Drive	STA 10+81.47	15.0' L	7405.43
64	SWALE FL	Quartz Creek Drive	STA 10+81.47	25.0' L	7403.22
65	SWALE FL	Quartz Creek Drive	STA 11+04.79	25.0' R	7403.37
66	EDGE OF SHOULDER	Quartz Creek Drive	STA 11+04.79	15.0' R	7405.87
67	EDGE OF SHOULDER	Quartz Creek Drive	STA 11+35.09	18.1' R	7406.98
68	TYPE B C&G	Quartz Creek Drive	STA 11+44.36	4.9' R	7407.58
69	TYPE B C&G	Quartz Creek Drive	STA 11+44.36	4.9' L	7407.58
70	EDGE OF SHOULDER	Quartz Creek Drive	STA 11+47.37	20.9' L	7406.84
71	SWALE FL	Quartz Creek Drive	STA 11+94.37	35.0' R	7406.32
72	EDGE OF SHOULDER	Quartz Creek Drive	STA 11+94.37	25.0' R	7408.82
74	EDGE OF SHOULDER	Quartz Creek Drive	STA 11+94.37	25.0' L	7408.82

No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
75	SWALE FL	Quartz Creek Drive	STA 11+94.37	35.0' L	7406.32
76	EDGE OF SHOULDER	Quartz Creek Drive	STA 12+41.39	20.9' R	7411.54
77	TYPE B C&G	Quartz Creek Drive	STA 12+44.36	4.9' R	7412.58
78	TYPE B C&G	Quartz Creek Drive	STA 12+44.36	4.9' L	7412.58
79	EDGE OF SHOULDER	Quartz Creek Drive	STA 12+41.39	20.9' L	7411.54
80	SWALE FL	Quartz Creek Drive	STA 12+80.47	27.0' R	7412.21
81	EDGE OF SHOULDER	Quartz Creek Drive	STA 12+80.47	17.0' R	7414.71
82	EDGE OF SHOULDER	Quartz Creek Drive	STA 12+80.47	17.0' L	7414.71
83	SWALE FL	Quartz Creek Drive	STA 12+80.47	27.0' L	7412.21
84	END MODIFIED	Quartz Creek Drive	STA 13+20.47	16.0' R	7417.79
85	END MODIFIED	Quartz Creek Drive	STA 13+20.47	16.0' L	7417.79
86	TYPE B C&G	Quartz Creek Drive	STA 11+94.36	10.0' R	7409.65
152	PLOWABLE NOSE	Quartz Creek Drive	STA 12+49.23	0.0'	7413.35
153	PLOWABLE NOSE	Quartz Creek Drive	STA 11+39.49	0.0'	7407.97

POINT TABLE
QUARTZ CREEK DRIVE
MEDIAN AND MONUMENT



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 APPROVED: KMH JOB NUMBER: 211030
 CAD DATE: 4/11/2024
 CAD FILE: J:\2021\211030\CAD\DWG\C\Estates_CDs\Street_PNP

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 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

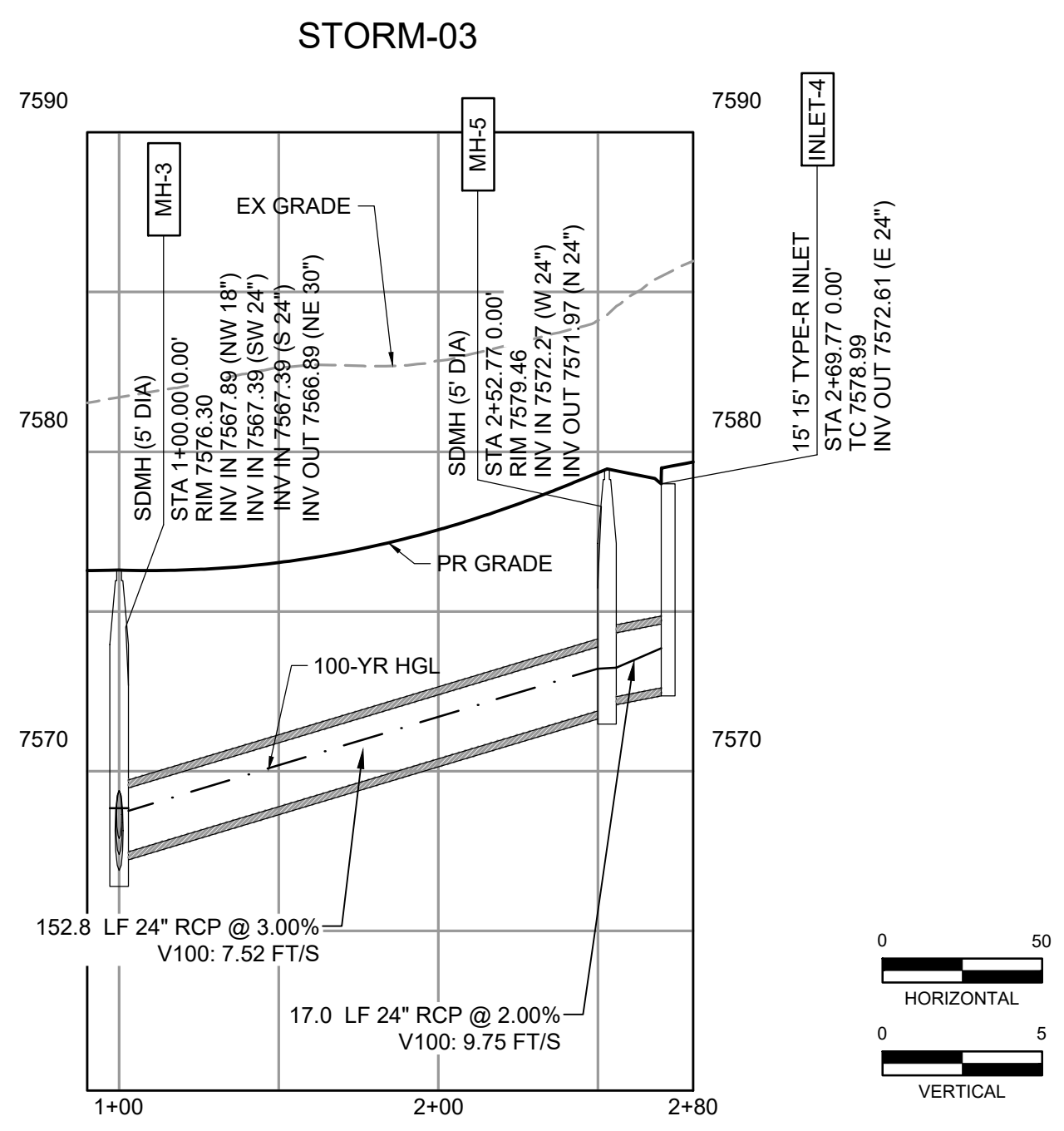
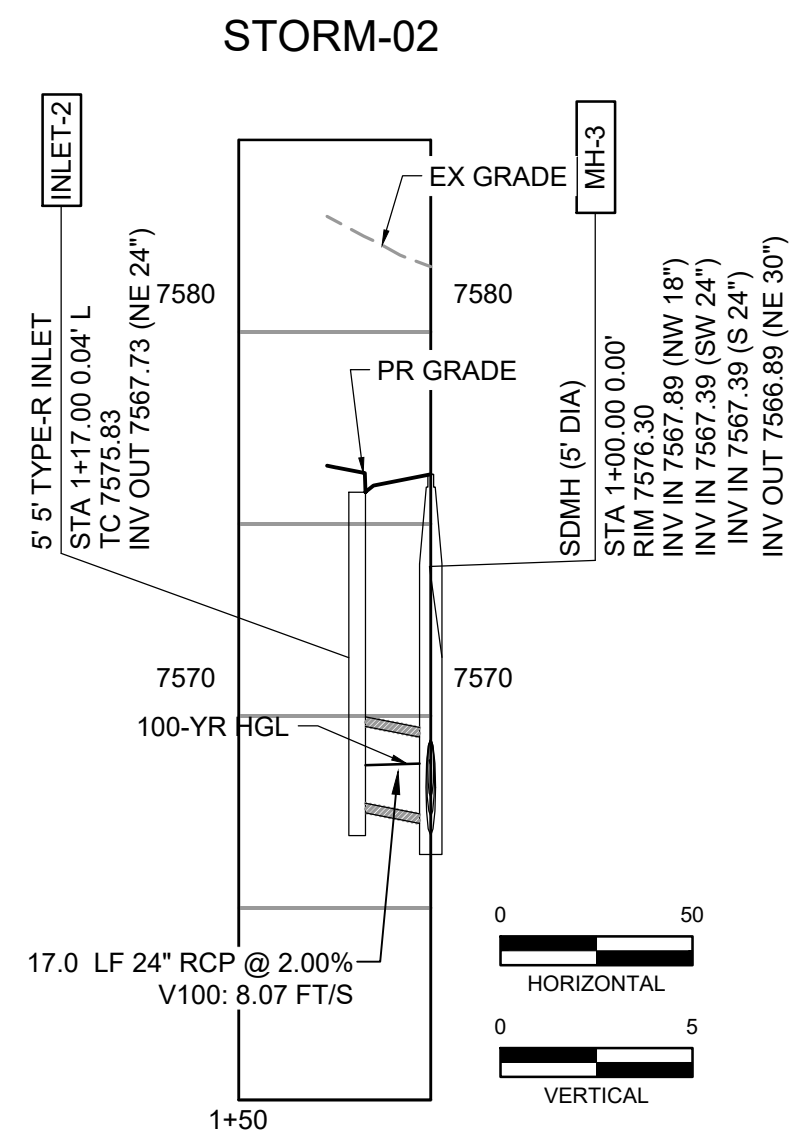
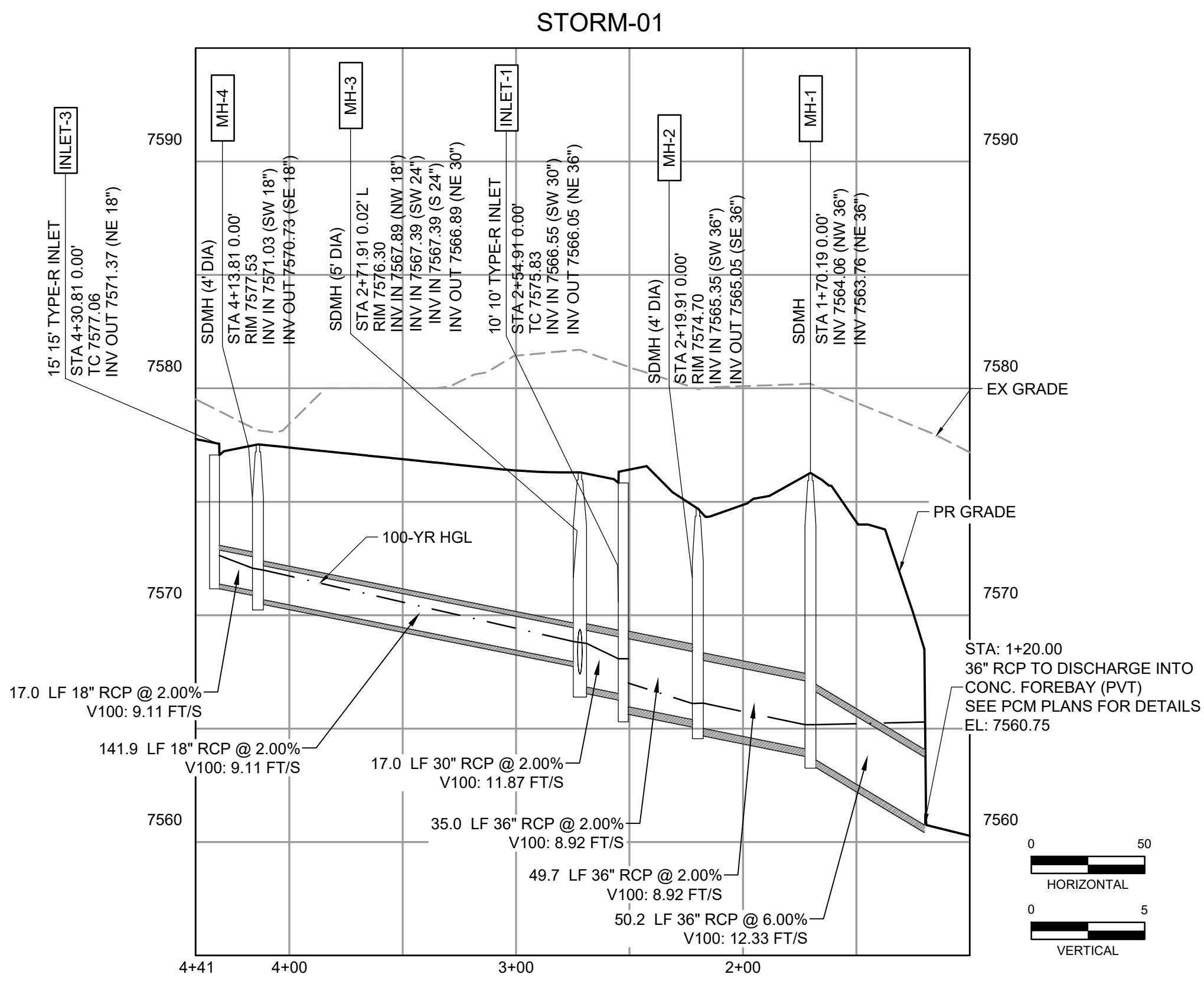
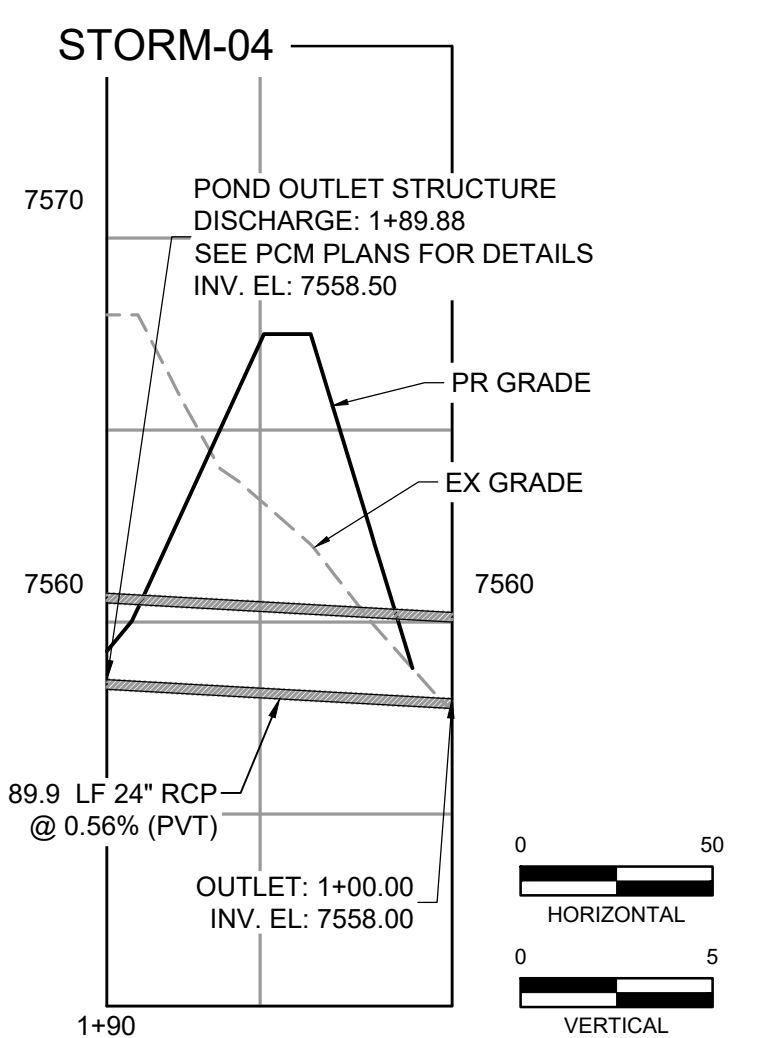
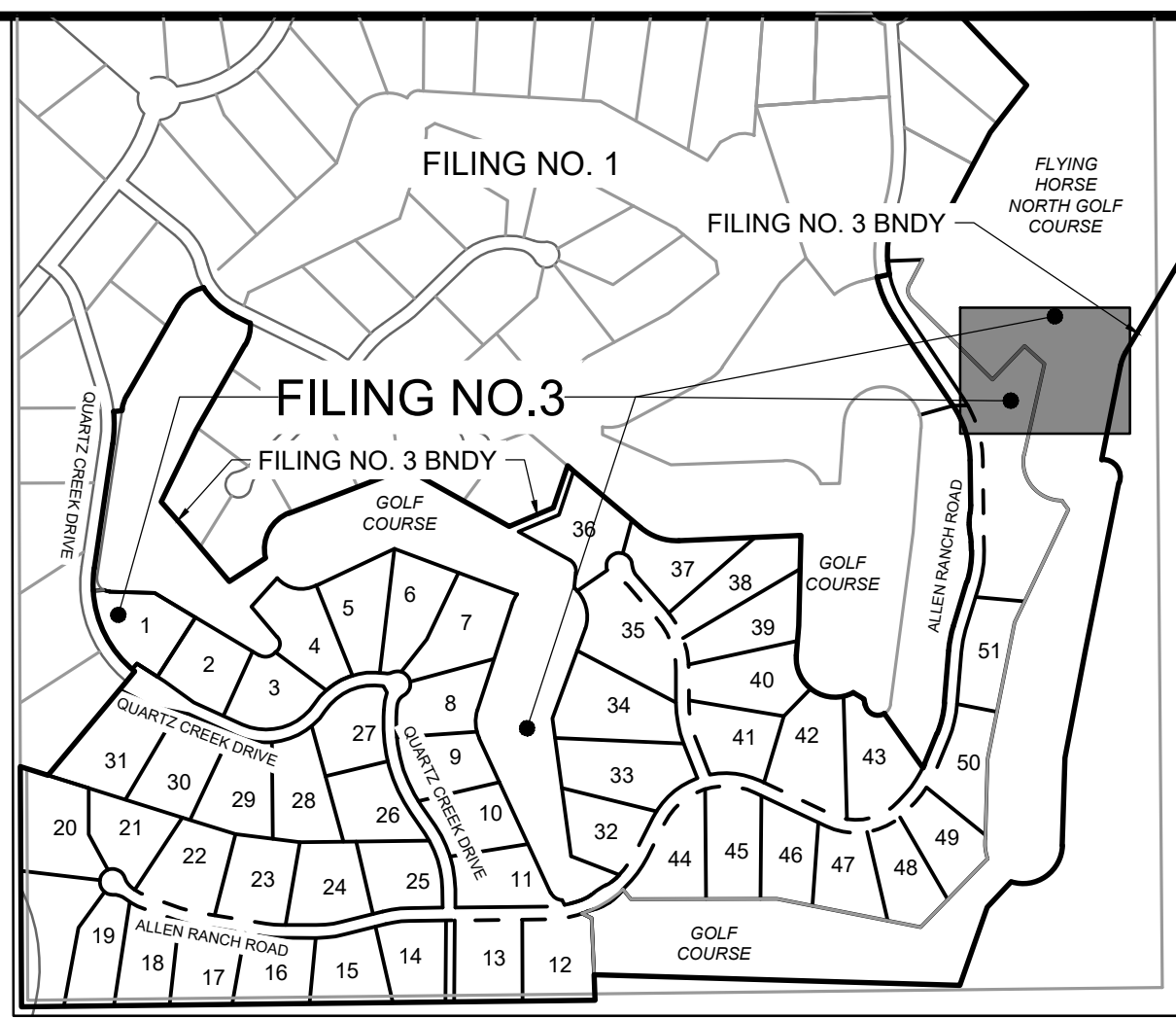
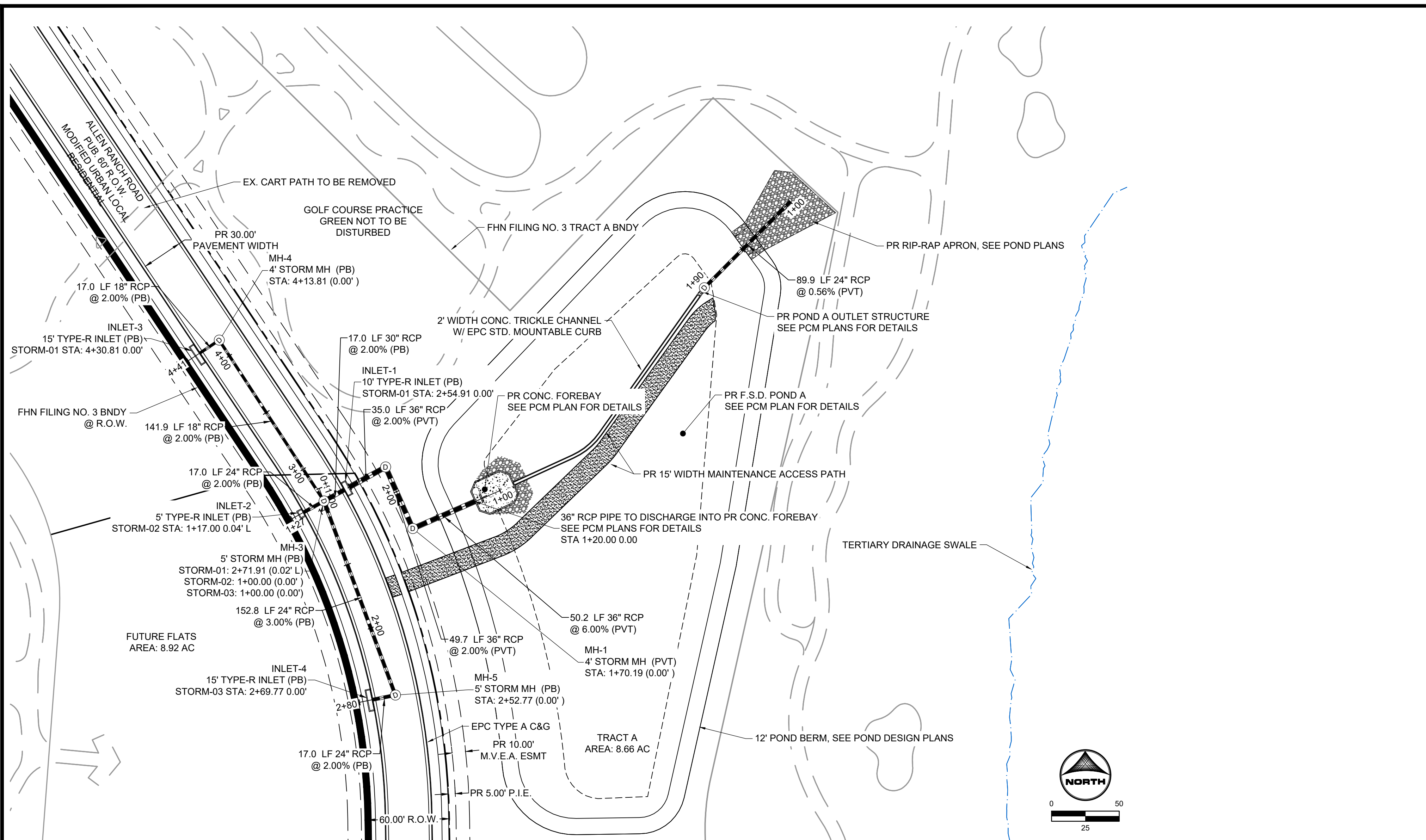
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 COLORADO SPRINGS, CO 80920
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 FAX: 713.965.0044

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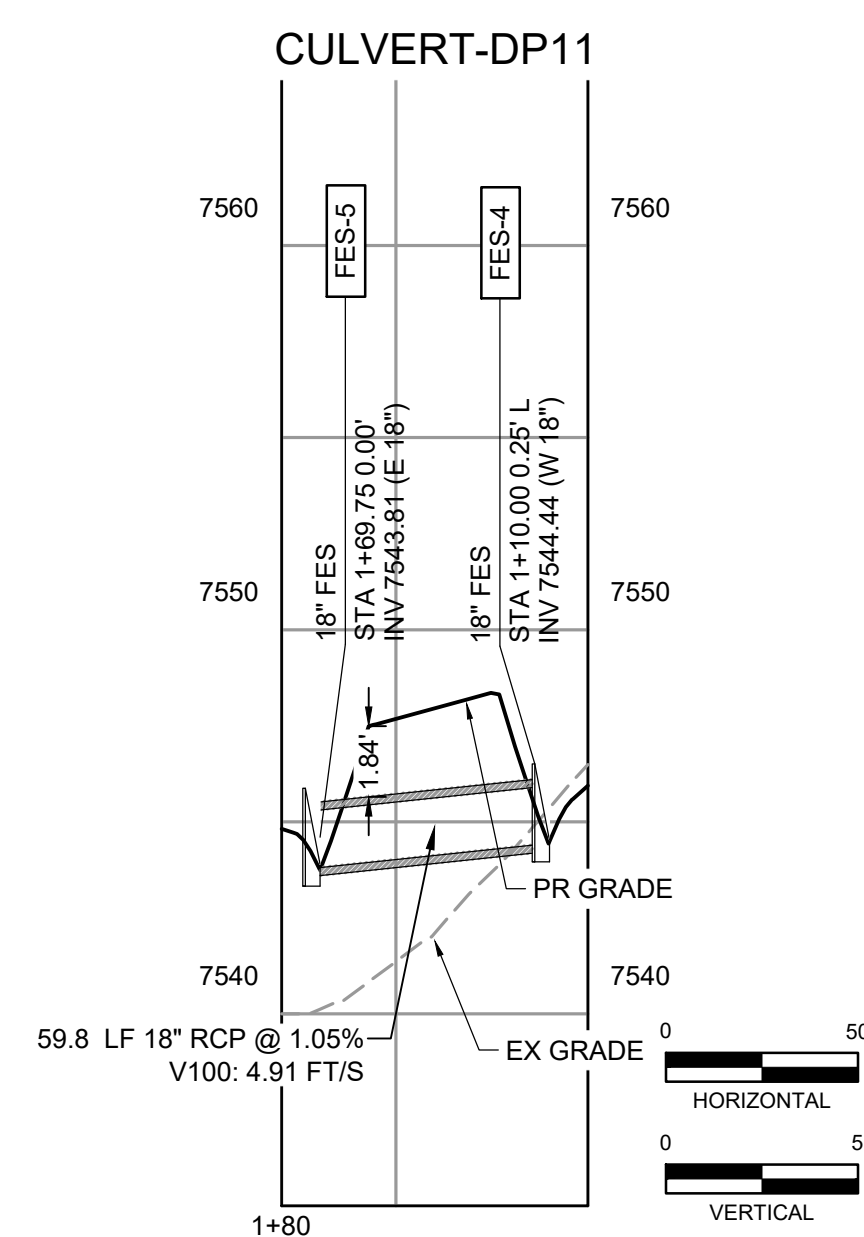
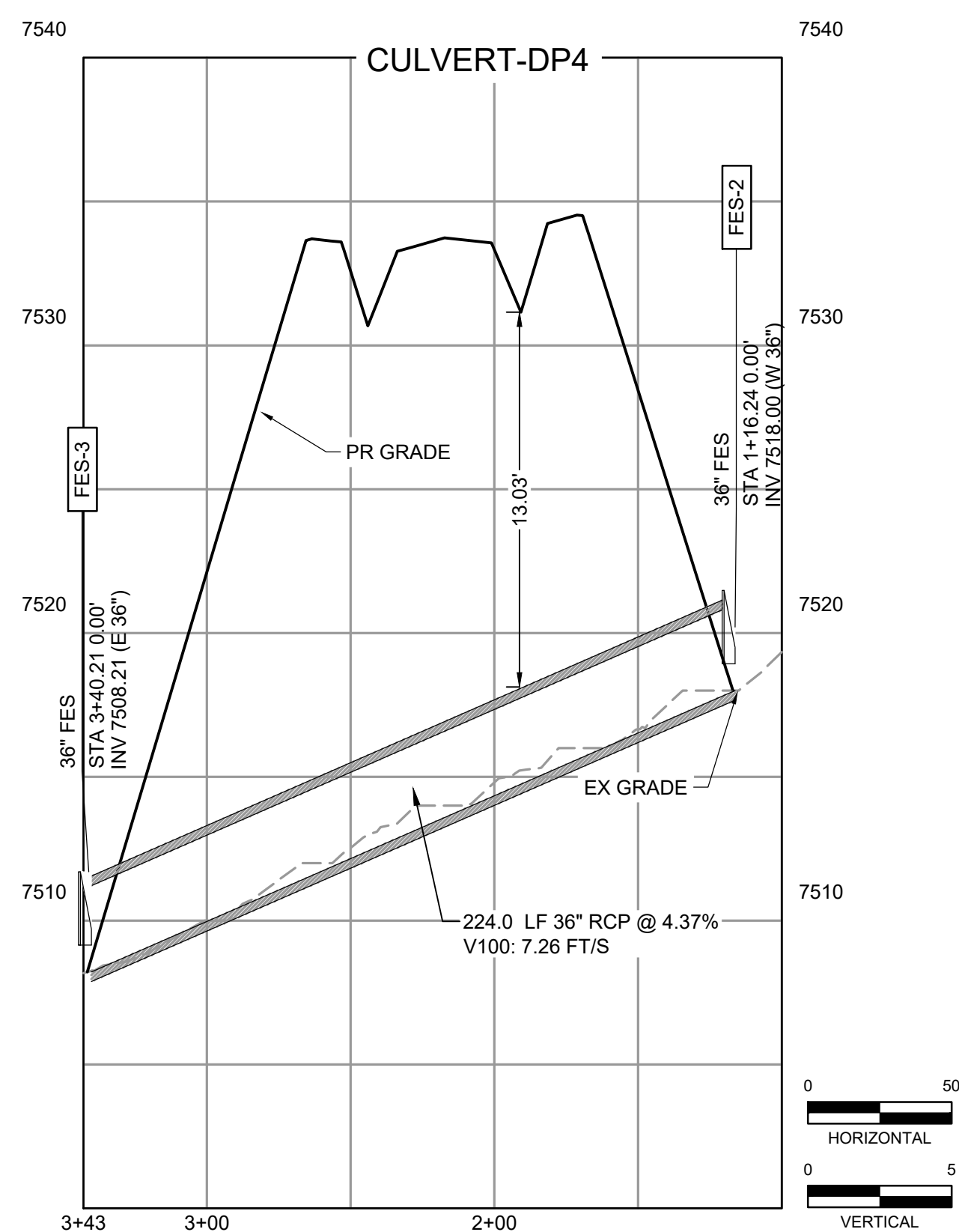
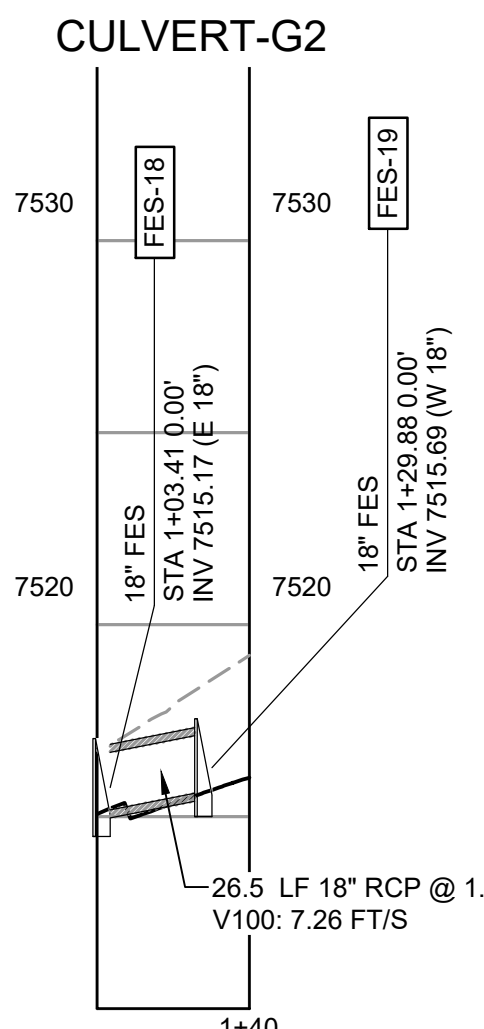
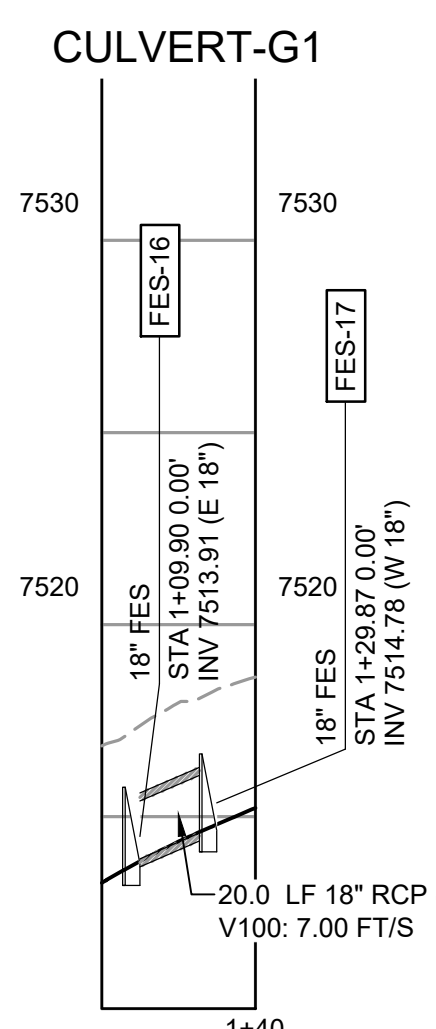
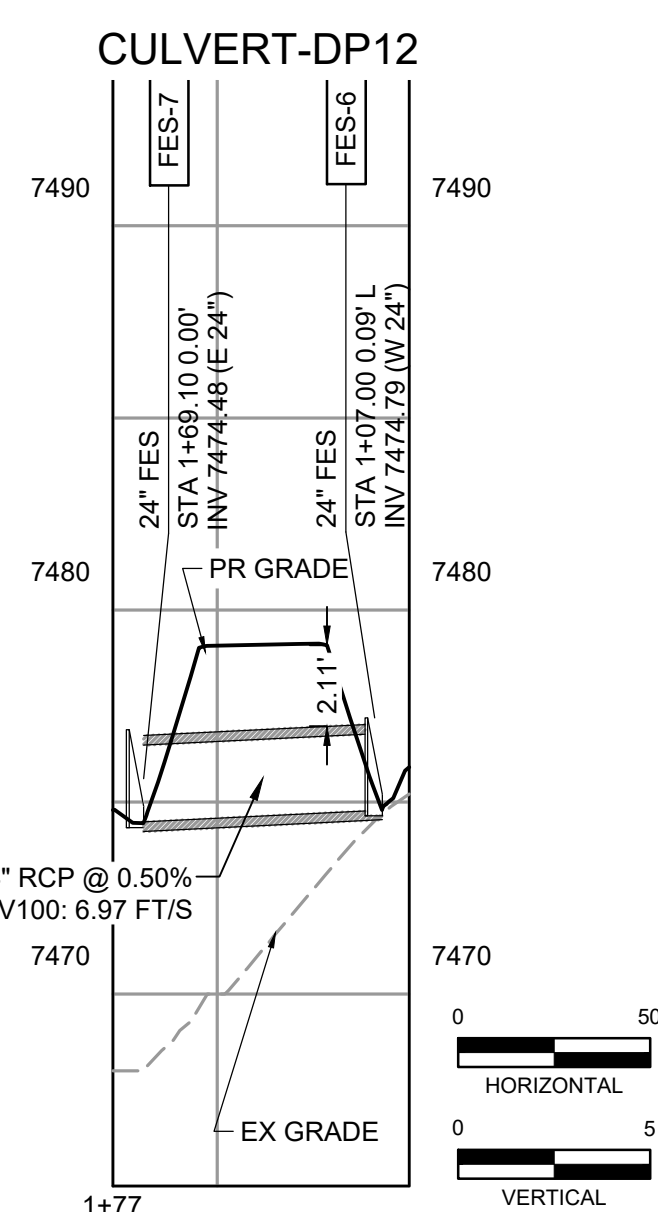
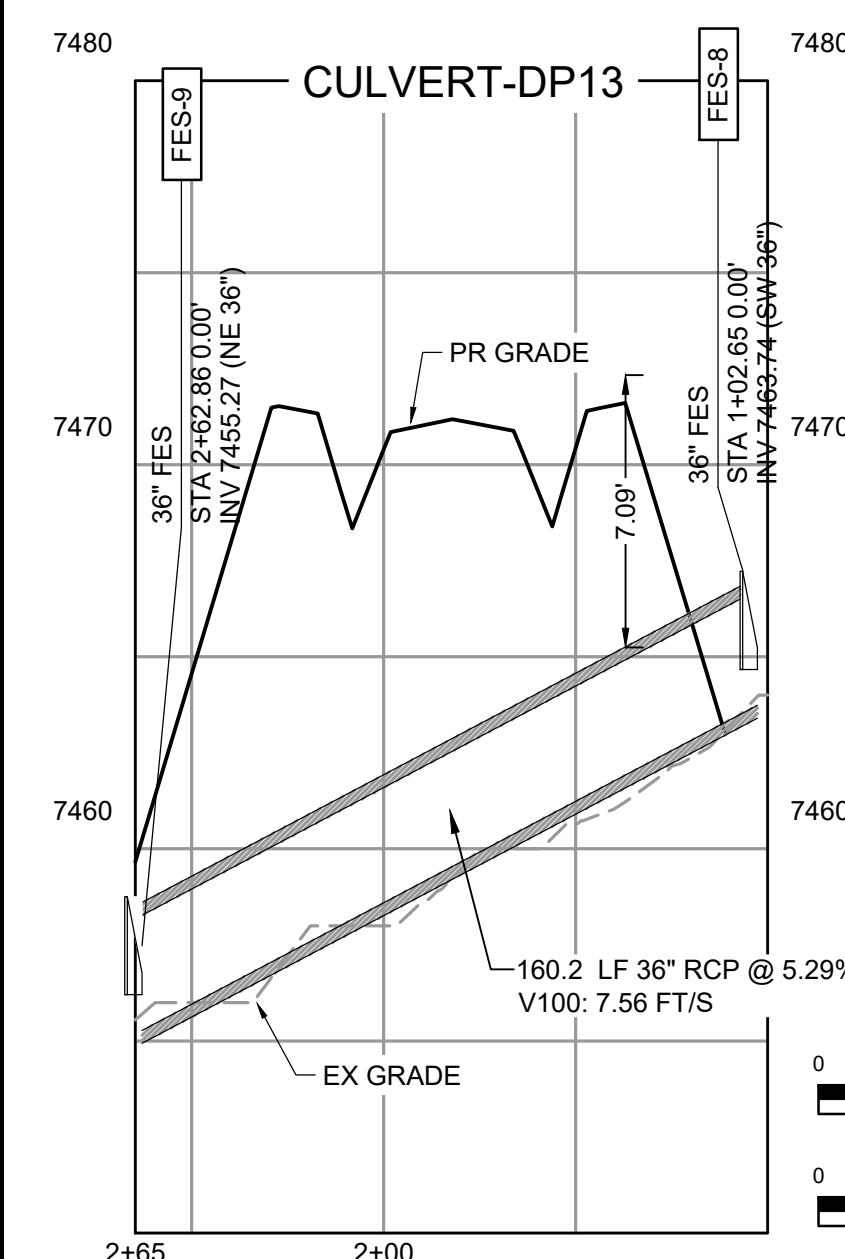
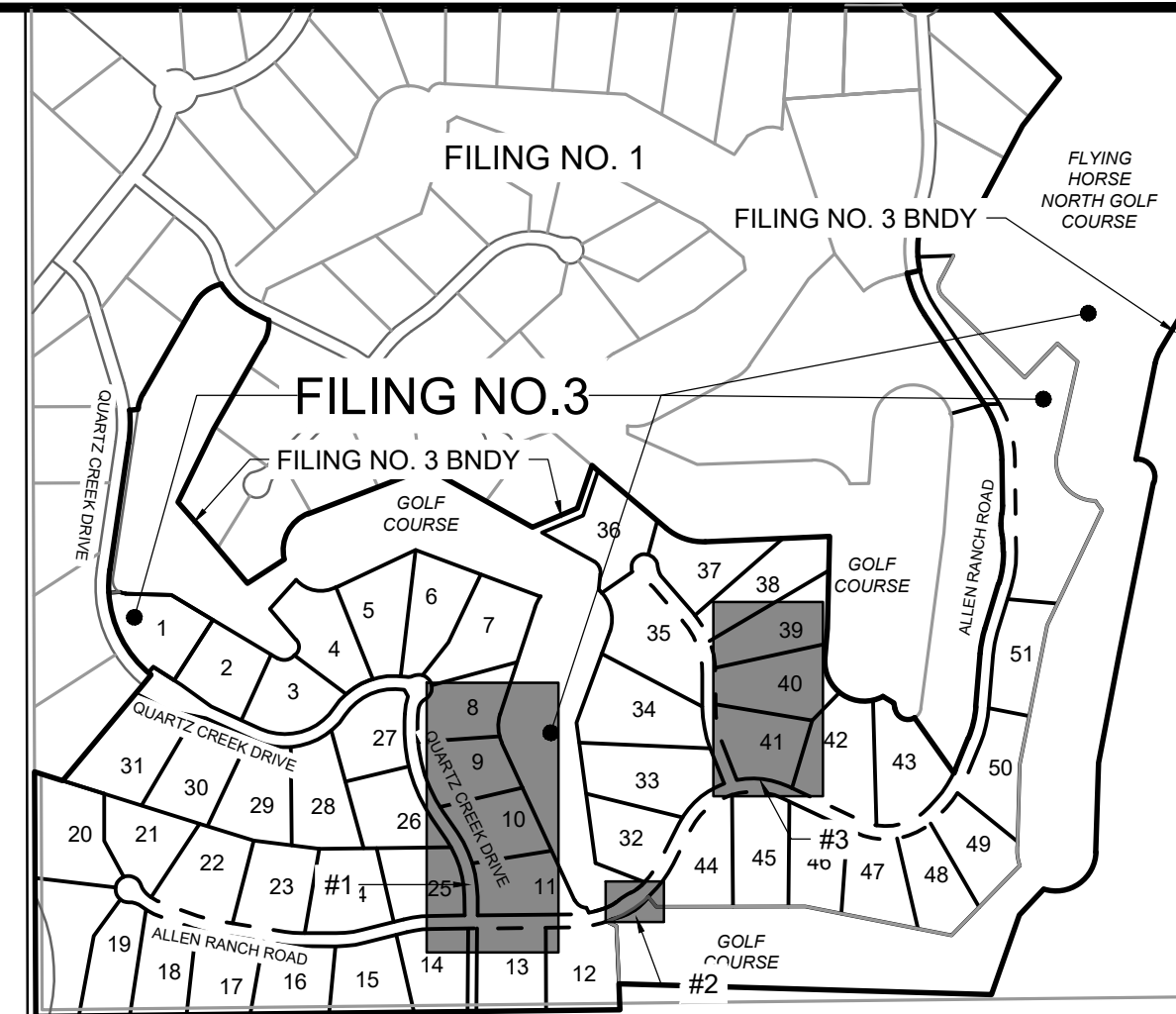
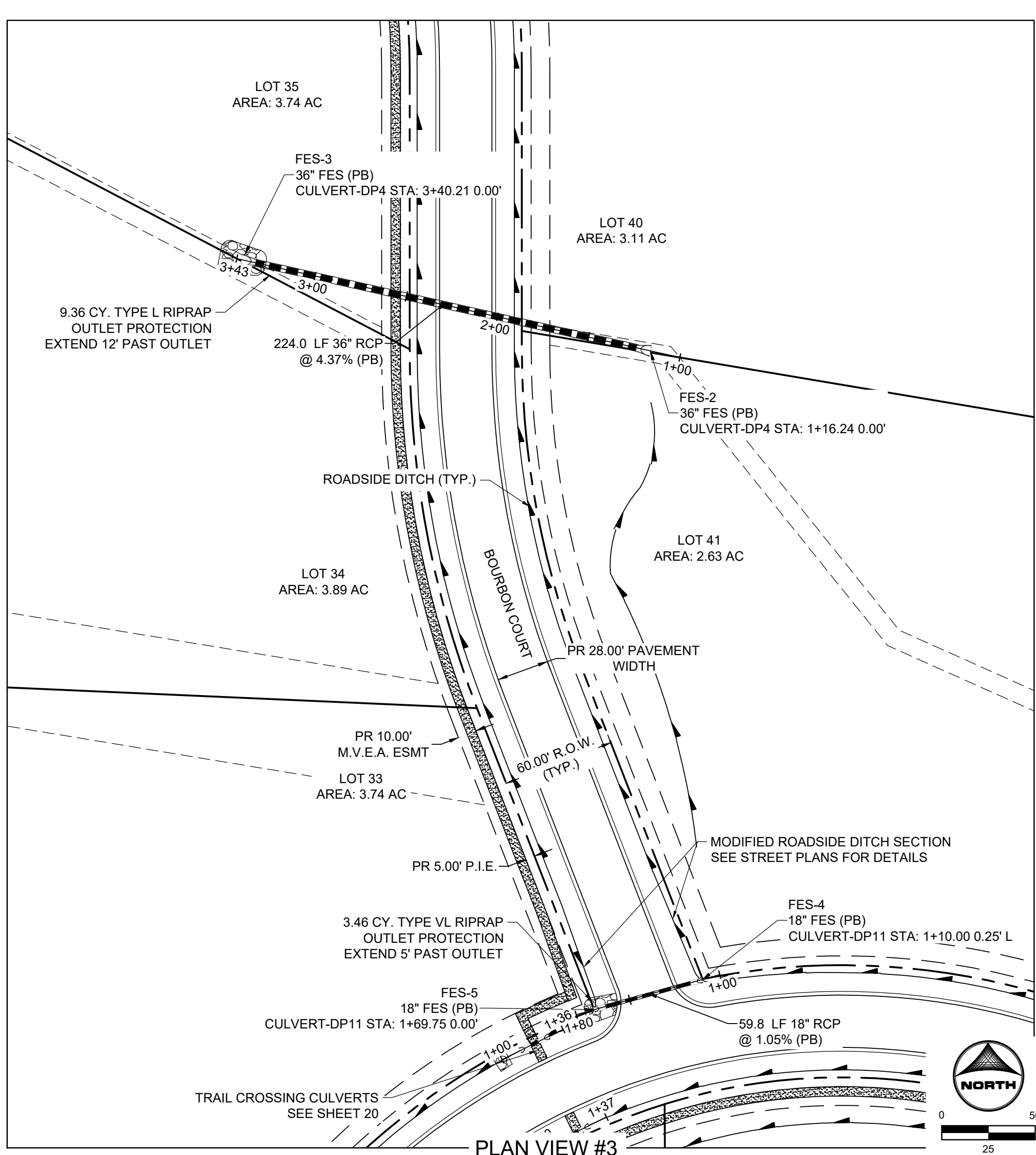
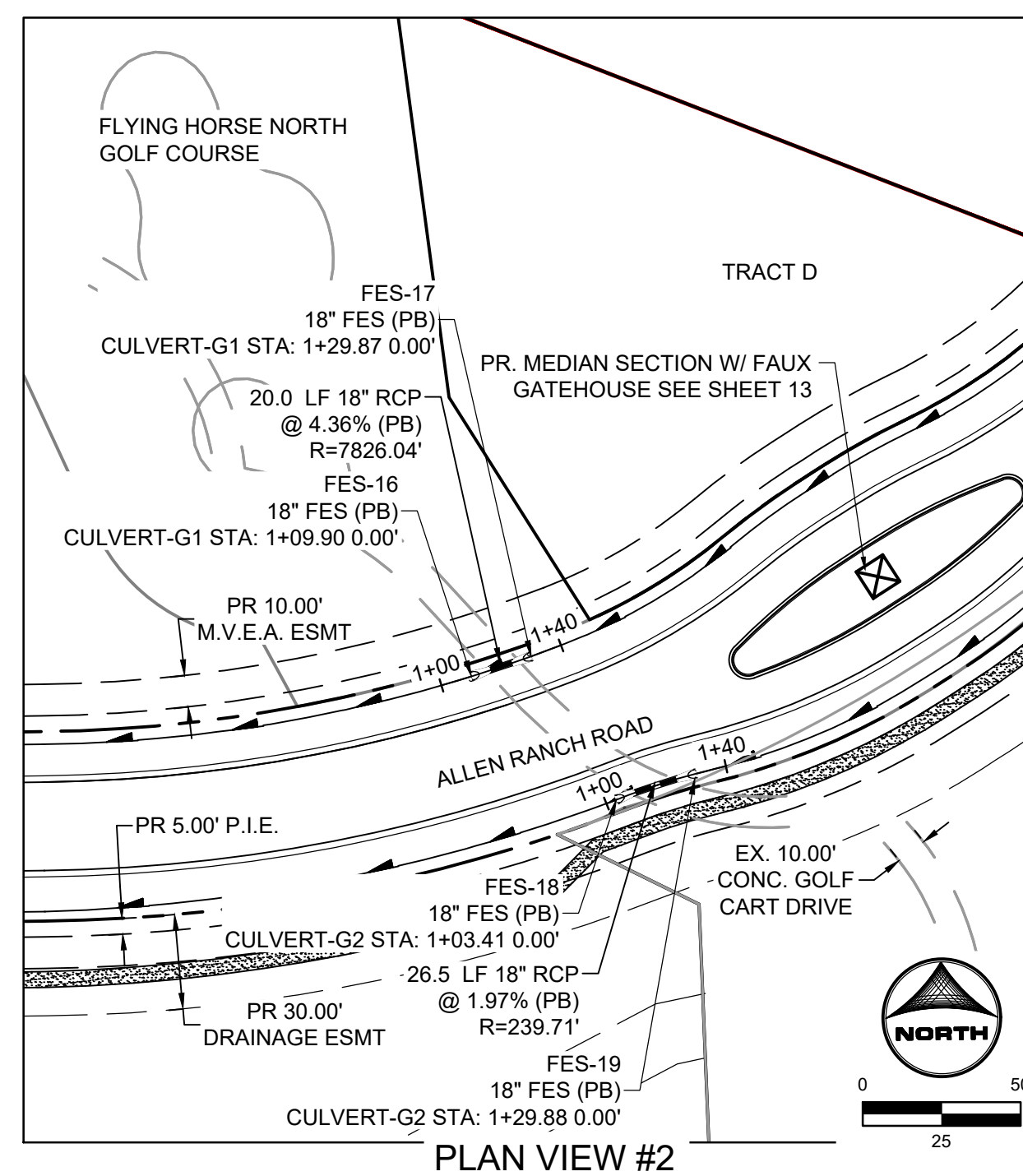
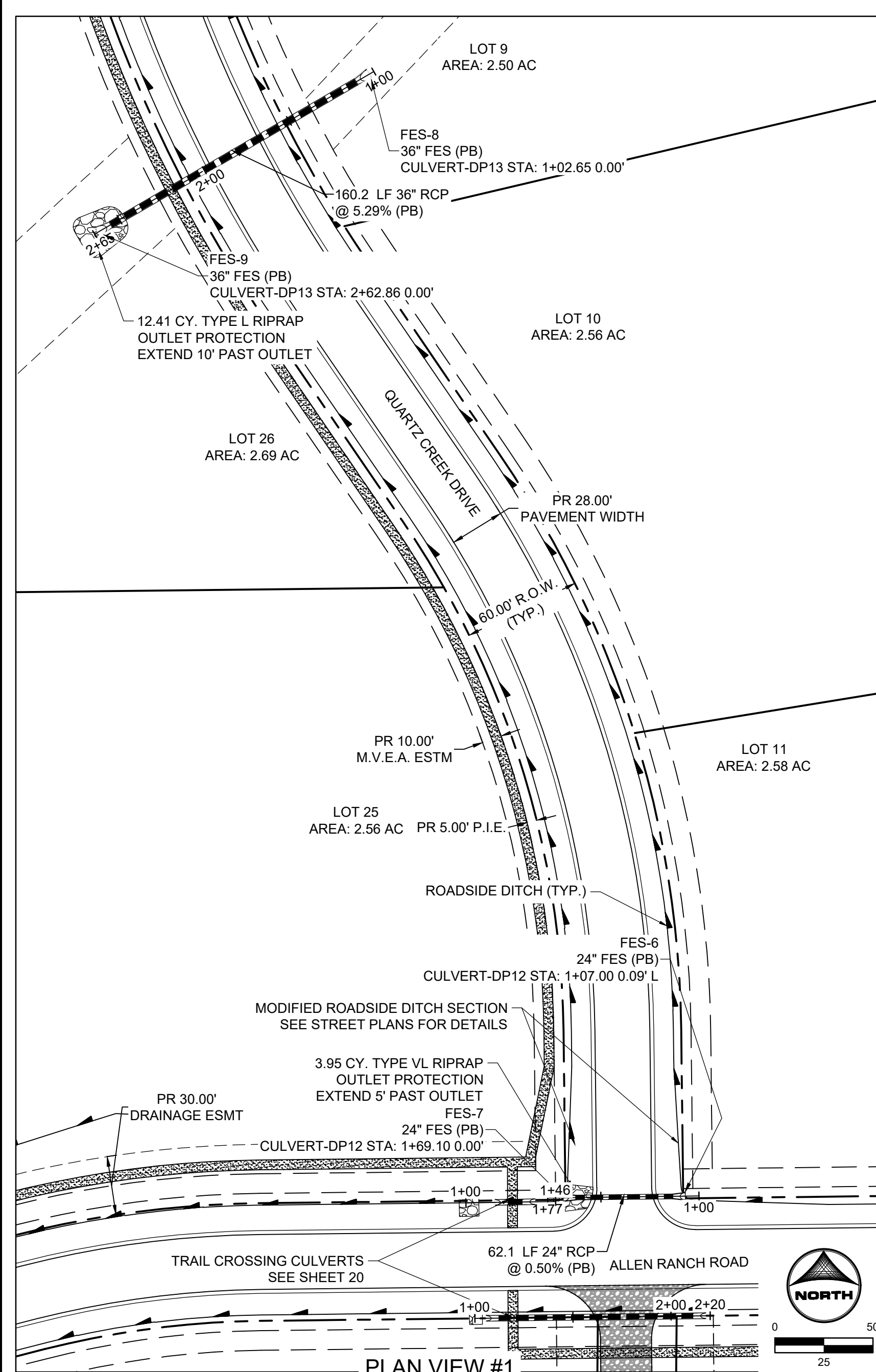


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 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 719.965.0044

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 EL PASO COUNTY, CO

STORM SEWER PLAN & PROFILES
 ALLEN RANCH ROAD & TRACT A





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 APPROVED: KMH JOB NUMBER: 211030
 CAD DATE: 4/11/2024
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 COLORADO SPRINGS, CO 80920
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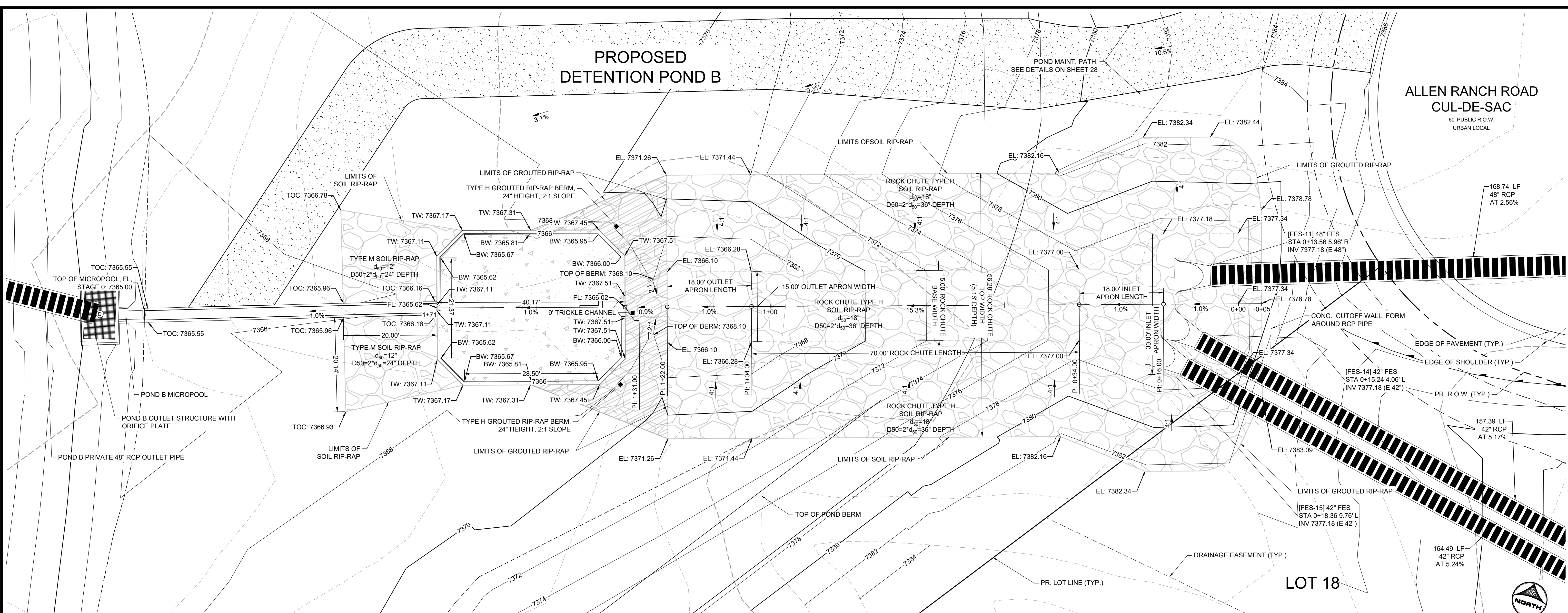
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 EL PASO COUNTY, CO

**STORM SEWER PLAN & PROFILES
 CULVERTS PIPES**

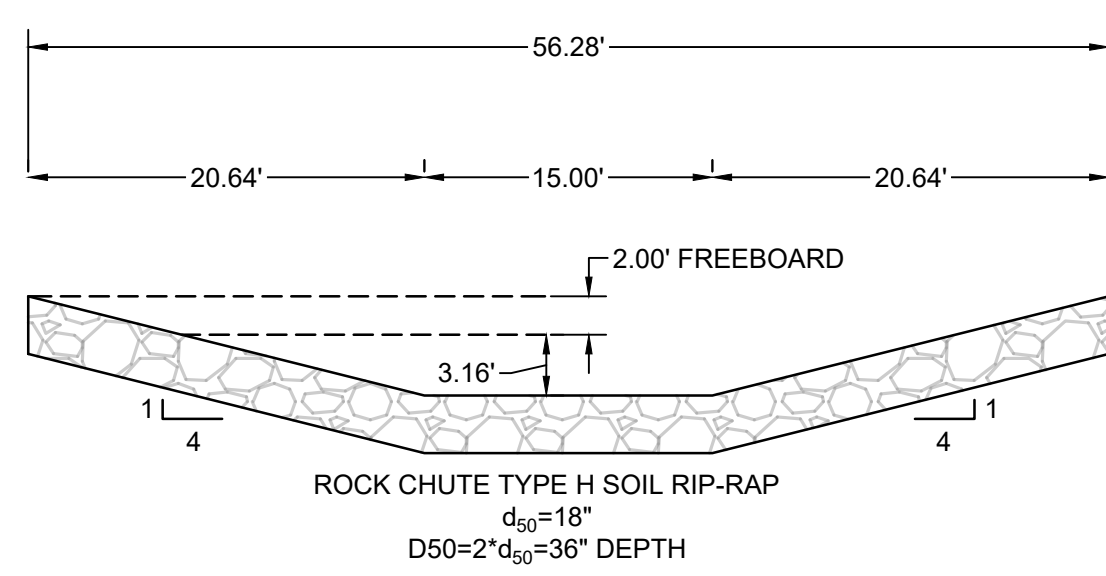


PROPOSED DETENTION POND B

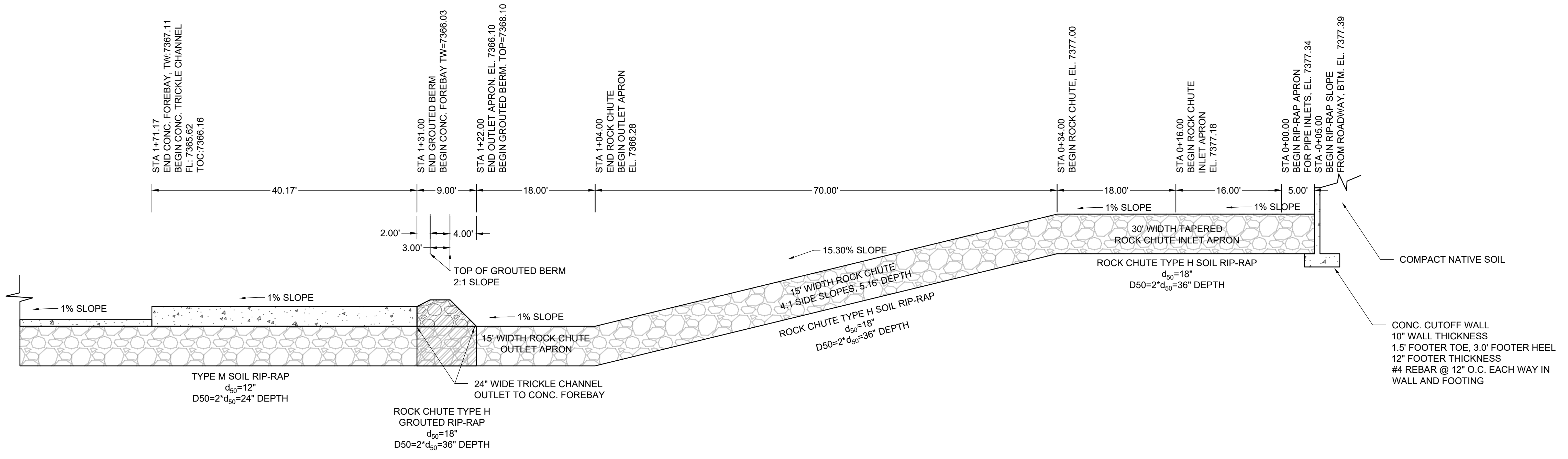
ALLEN RANCH ROAD
CUL-DE-SAC
60' PUBLIC R.O.W.
URBAN LOCAL



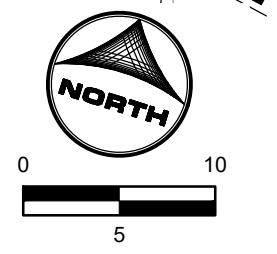
15' WIDTH ROCK CHUTE PLAN (SCALE: 1"=10')



15' WIDTH ROCK CHUTE SECTION (SCALE: 1"=10')



15' WIDTH ROCK CHUTE PROFILE (SCALE: 1"=10')



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 APPROVED: KMH JOB NUMBER: 211030
 CAD DATE: 4/11/2024
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 EL PASO COUNTY, CO

CONSTRUCTION DOCUMENTS
 ROCK CHUTE PLAN AND PROFILE

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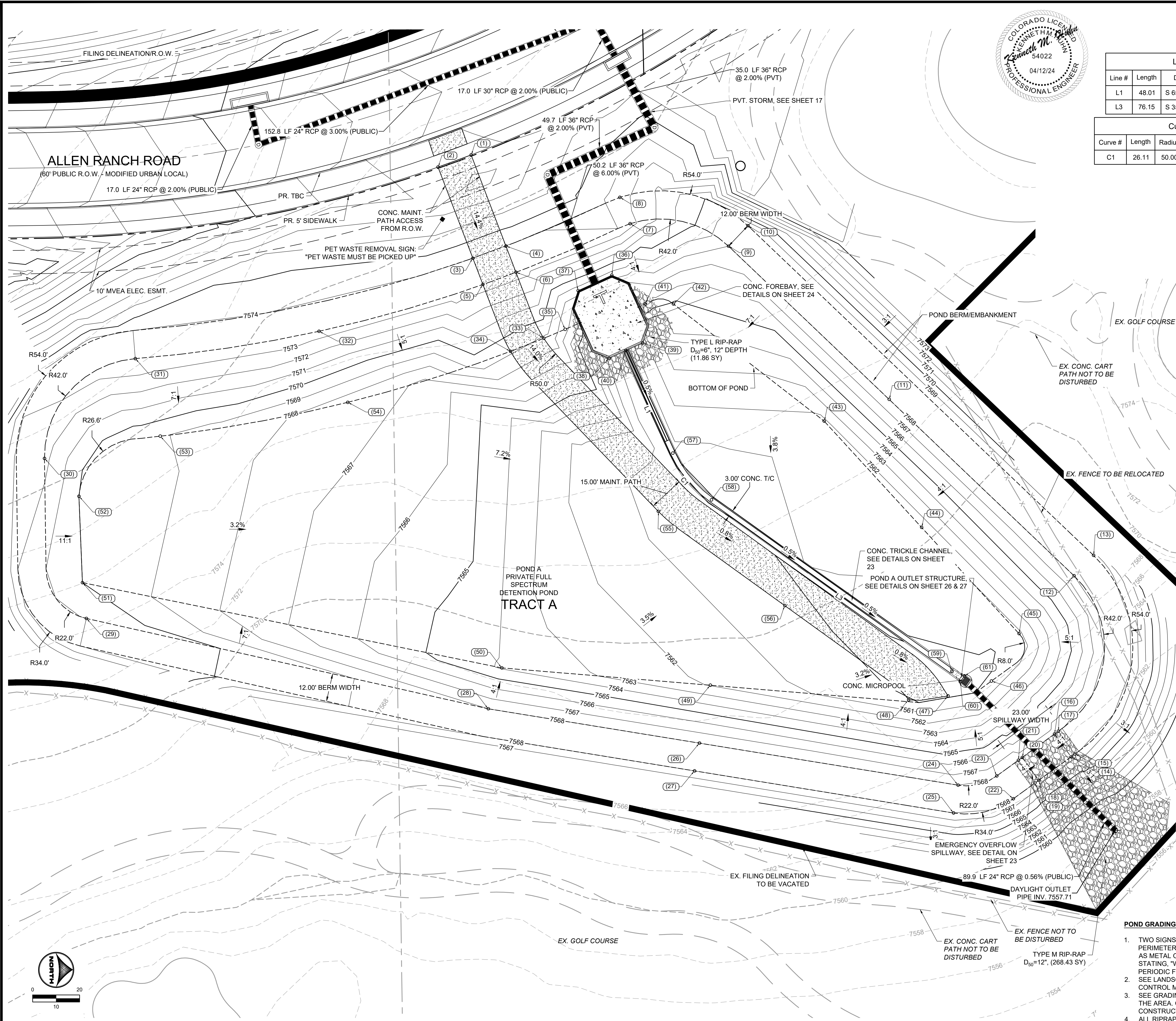
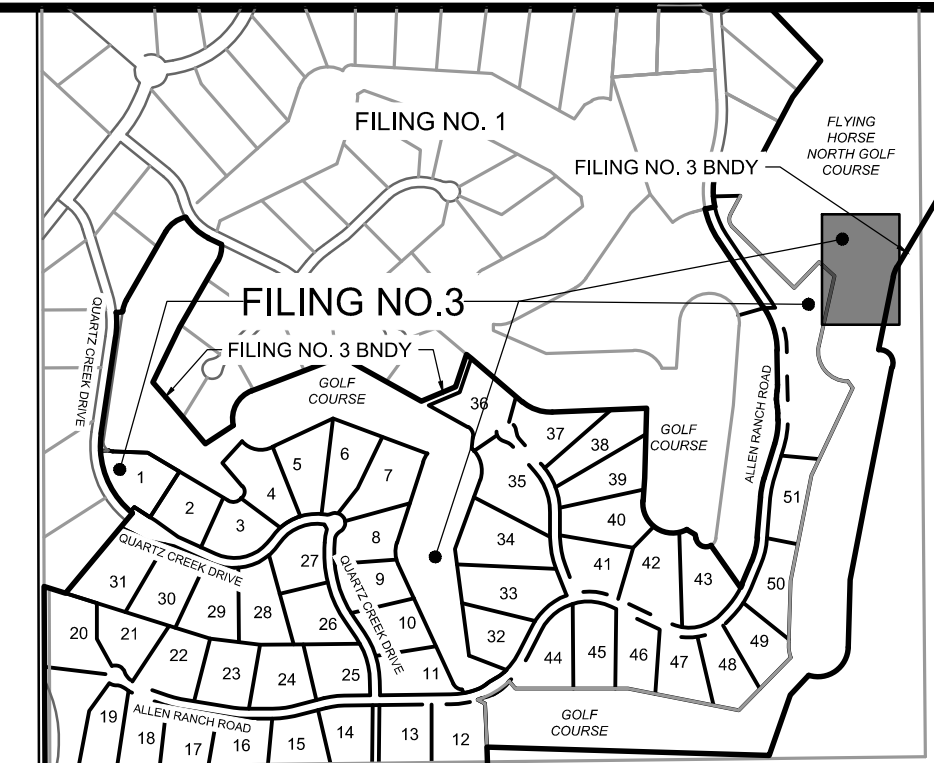
HERGER, DANIEL, 4/11/2024, 12:16 PM

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Line Table			
Line #	Length	Direction	Centerline/Flowline
L1	48.01	S 65°23'51" W	Centerline
L3	76.15	S 35°28'45" W	Centerline

Curve Table				
Curve #	Length	Radius	Delta	Centerline/Flowline
C1	26.11	50.00	29°55'06"	Flowline



POINT TABLE				POINT TABLE			
No.	DESC.	NORTHING & EASTING	ELEV.	No.	DESC.	NORTHING & EASTING	ELEV.
(1)	Begin Maint. Road	N: 444397.98 E: 222117.93	7577.25	(32)	TOP	N: 444333.24 E: 222192.98	7573.62
(2)	Begin Maint. Road	N: 444383.89 E: 222123.10	7577.52	(33)	Maint. Road/BP	N: 444428.92 E: 222195.95	7568.88
(3)	Maint. Road/TP	N: 444398.71 E: 222161.88	7573.99	(34)	Maint. Road/BP	N: 444414.74 E: 222201.51	7569.17
(4)	Maint. Road/TP	N: 444412.80 E: 222156.70	7573.99	(35)	BP	N: 444438.02 E: 222192.16	7567.32
(5)	Maint. Road/TP	N: 444402.99 E: 222173.05	7573.47	(36)	Forebay	N: 444457.85 E: 222169.11	7568.50
(6)	Maint. Road/TP	N: 444417.06 E: 222167.86	7573.49	(37)	Forebay	N: 444443.51 E: 222175.68	7568.50
(7)	TOP	N: 444465.65 E: 222147.18	7573.33	(38)	Forebay	N: 444456.73 E: 222204.45	7561.76
(8)	TOP	N: 444461.27 E: 222135.99	7573.44	(39)	Forebay	N: 444470.99 E: 222197.92	7561.74
(9)	TOP	N: 444507.54 E: 222156.75	7568.00	(40)	TC Flow Line	N: 444463.87 E: 222201.18	7560.00
(10)	TOP	N: 444515.82 E: 222148.06	7568.00	(41)	BP	N: 444472.03 E: 222181.39	7566.28
(11)	TOP	N: 444575.94 E: 222221.96	7568.00	(42)	BP	N: 444484.08 E: 222181.36	7564.82
(12)	TOP	N: 444654.66 E: 222297.02	7568.00	(43)	BP	N: 444548.26 E: 222231.20	7561.78
(13)	TOP	N: 444662.94 E: 222288.33	7568.00	(44)	BP	N: 444589.73 E: 222276.41	7561.26
(14)	Spillway Crest	N: 444653.37 E: 222374.04	7567.50	(45)	BP	N: 444631.20 E: 222321.62	7560.75
(15)	Spillway	N: 444654.99 E: 222372.87	7568.00	(46)	BP	N: 444619.45 E: 222341.83	7560.29
(16)	Spillway Crest	N: 444646.31 E: 222364.33	7567.50	(47)	End Maint. Road	N: 444601.01 E: 222348.15	7559.97
(17)	Spillway	N: 444647.93 E: 222363.16	7568.00	(48)	End Maint. Road	N: 444584.21 E: 222349.80	7560.05
(18)	Spillway Crest	N: 444639.62 E: 222384.04	7567.50	(49)	BP	N: 444499.83 E: 222343.59	7561.95
(19)	Spillway	N: 444637.98 E: 222385.18	7568.00	(50)	BP	N: 444411.05 E: 222336.22	7563.90
(20)	Spillway Crest	N: 444632.56 E: 222374.34	7567.50	(51)	BP	N: 444232.53 E: 222299.95	7570.00
(21)	Spillway	N: 444630.94 E: 222375.50	7568.00	(52)	BP	N: 444231.04 E: 222263.18	7570.00
(22)	TOP	N: 444628.79 E: 222391.91	7568.00	(53)	BP	N: 444265.64 E: 222237.60	7569.08
(23)	TOP	N: 444621.73 E: 222382.20	7568.00	(54)	BP	N: 444345.47 E: 222223.20	7567.51
(24)	TOP	N: 444605.27 E: 222386.12	7568.00	(55)	Maint. Road	N: 444477.67 E: 222269.58	7560.71
(25)	TOP	N: 444603.35 E: 222397.96	7568.00	(56)	Maint. Road	N: 444531.50 E: 222309.73	7560.24
(26)	TOP	N: 444495.20 E: 222368.23	7568.00	(57)	TC Flow Line	N: 444483.95 E: 222244.83	7559.76
(27)	TOP	N: 444493.09 E: 222380.04	7568.00	(58)	TC Flow Line	N: 444500.29 E: 222264.73	7559.63
(28)	TOP	N: 444405.28 E: 222353.61	7568.00	(59)	TC Flow Line	N: 444602.60 E: 222337.65	7559.00
(29)	TOP	N: 444234.21 E: 222315.18	7571.00	(60)	Outlet Structure	N: 444606.19 E: 222342.05	7559.02
(30)	TOP	N: 444216.37 E: 222247.07	7572.28	(61)	Outlet Structure	N: 444607.93 E: 222339.61	7559.02
(31)	TOP	N: 444255.02 E: 222204.61	7574.00				

- POND GRADING NOTES:**
- TWO SIGNS OF MINIMUM 3 SQ. FT. AREA, SHALL BE INSTALLED AROUND THE POND PERIMETER. THE SIGNS WILL BE CONSTRUCTED OF A DURABLE MATERIAL, SUCH AS METAL OR PLASTIC AND HAVE RED LETTERING ON A WHITE BACKGROUND STATING, "WARNING- THIS AREA IS A STORMWATER FACILITY AND IS SUBJECT TO PERIODIC FLOODING.
 - SEE LANDSCAPE PLAN FOR RE-SEEDING AREAS ASSOCIATED WITH PERMANENT CONTROL MEASURE IMPROVEMENTS.
 - SEE GRADING & EROSION CONTROL PLANS FOR ANY EXISTING VEGETATION IN THE AREA. CLEARING AND GRUBBING WILL OCCUR PRIOR TO POND CONSTRUCTION AND THEREFORE, NO EXISTING VEGETATION WILL BE PRESENT.
 - ALL RIPRAP MUST BE INSTALLED PER DETAIL ON NEXT PAGE.

- ABBREVIATIONS:**
- B.O.P - BOTTOM OF POND
 - T.O.P - TOP OF POND
 - T.C - TRICKLE CHANNEL
 - T.B.C - TOP BACK OF CURB
 - C.L - CENTERLINE
 - E.O.G - EDGE OF GRADING
 - S.W - SPILLWAY

DRAWN BY: DLH JOB DATE: 4/9/24
 APPROVED: RDL JOB NUMBER: 211030
 CAD DATE: 4/11/2024
 CAD FILE: J:\2021\211030\CAD\DWG\C\Estates_CDs\Pond_A_Grading

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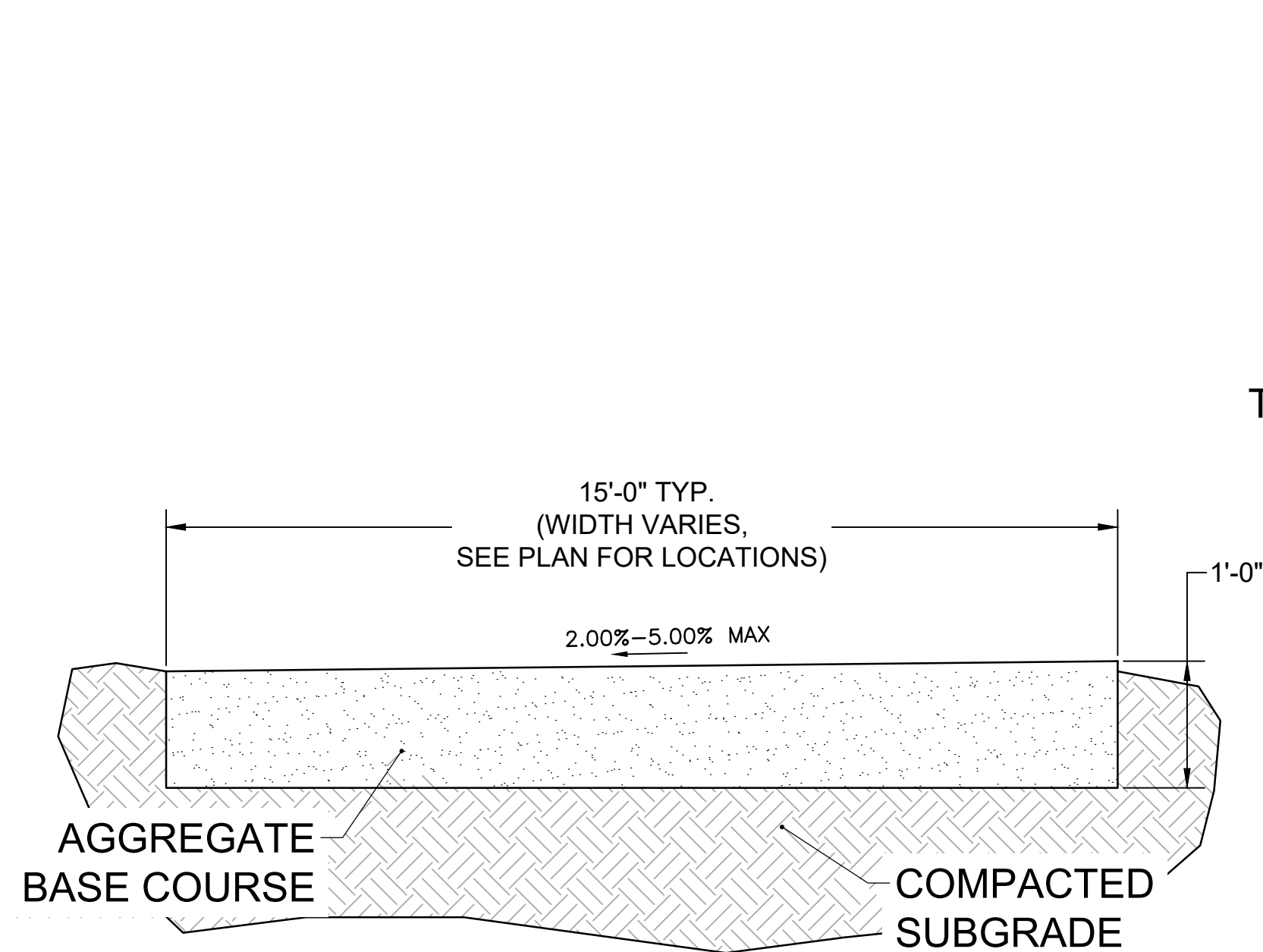
HRGreen
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 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

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 PRI #2, LLC.
 EL PASO COUNTY, CO**

**DRAINAGE DETAILS
 POND A GRADING PLAN**

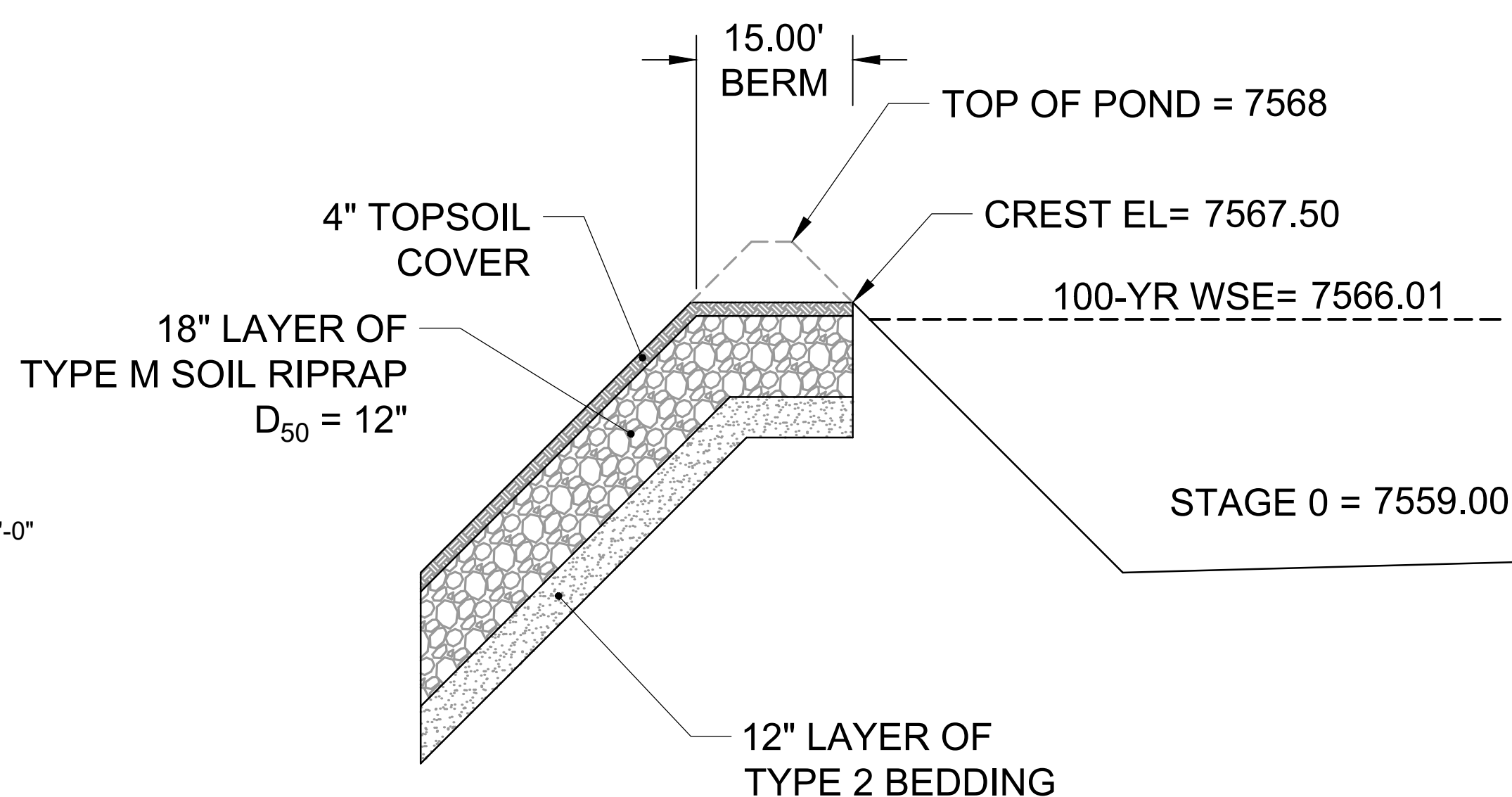
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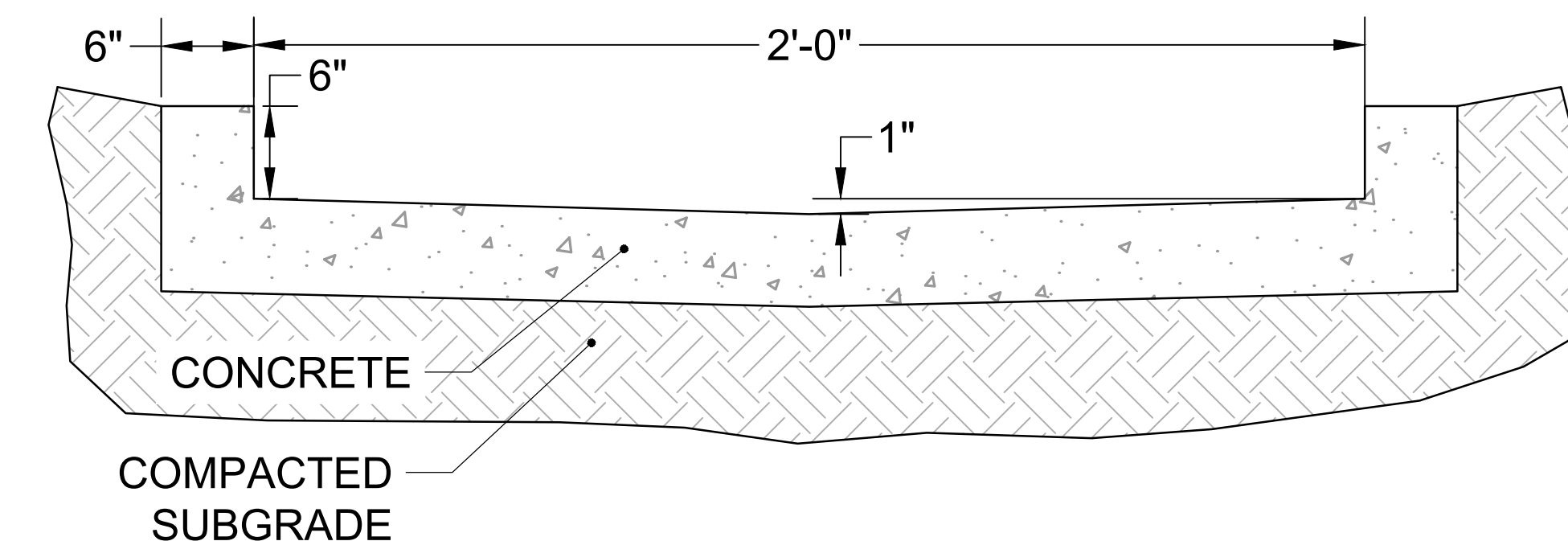
TYPICAL SECTION - MAINTENANCE ROAD

SCALE: NTS



PROFILE VIEW - EMERGENCY OVERFLOW SPILLWAY

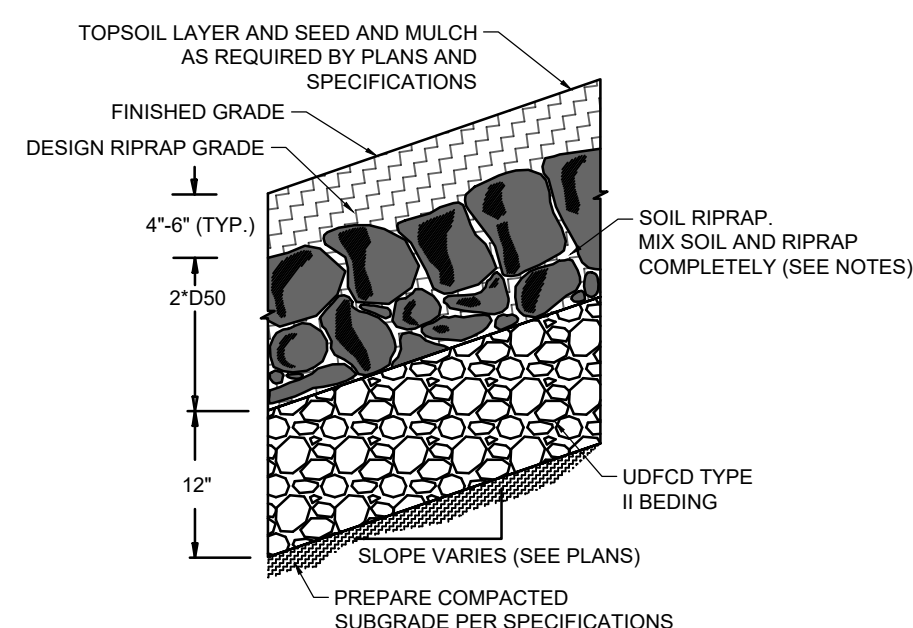
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TYPICAL DETAIL - 2.0' TRICKLE CHANNEL

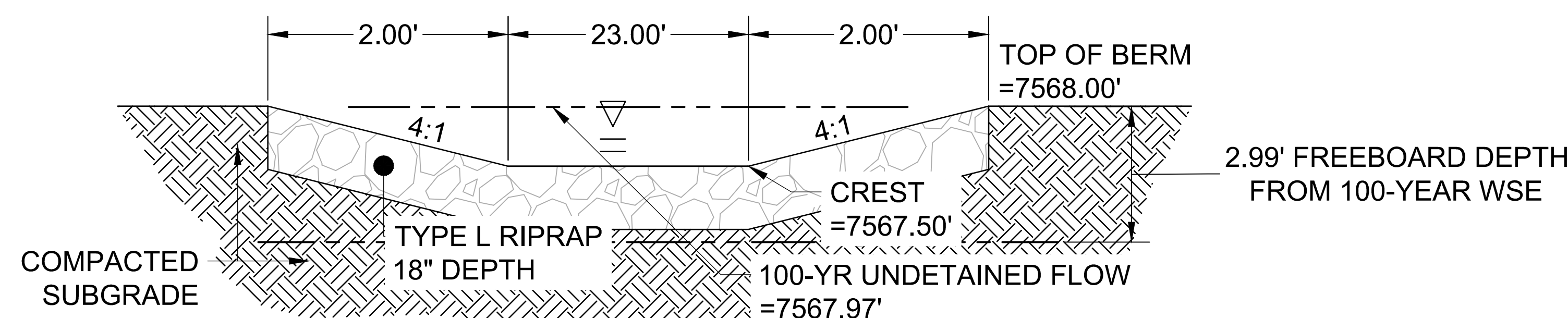
SCALE: NTS

TRICKLE CHANNEL DESIGN NOTE:
 MAXIMUM DEPTH OF FLOW: 6"
 DEPTH OF FLOW DURING PEAK INFLOW: 2.4"



SOIL RIPRAP EMBANKMENT PROTECTION WITH BEDDING TYP. SECTION
 N.T.S.

- RIPRAP NOTES**
- SOIL RIPRAP DETAILS ARE APPLICABLE TO SLOPED AREAS REFER TO THE SITE PLAN ACTUAL LOCATION AND LIMITS.
 - MIX UNIFORMLY 65% RIPRAP BY VOLUME WITH 35% OF APPROVED SOIL BY VOLUME PRIOR TO PLACEMENT.
 - PLACE STONE-SOIL MIX TO RESULT IN SECURELY INTERLOCKED ROCK AT THE DESIGN THICKNESS AND GRADE. COMPACT AND LEVEL TO ELIMINATE ALL VOIDS AND ROCKS PROJECTING ABOVE DESIGN RIPRAP TOP GRADE.
 - CRIMP OR TACKIFY MULCH OR USE APPROVED HYDROMULCH AS CALLED FOR IN THE PLANS AND SPECIFICATIONS.
 - ROCK SHALL BE HARD, DURABLE, ANGULAR IN SHAPE, AND FREE FROM CRACKS, OVERBURDEN, SHALE, AND ORGANIC MATTER.
 - NEITHER BREADTH NOR THICKNESS OF A SINGLE STONE SHOULD BE LESS THAN ONE-THIRD ITS LENGTH, AND ROUNDED STONE SHOULD BE AVOIDED.
 - THE ROCK SHOULD SUSTAIN A LOSS OF NOT MORE THAN 40% AFTER 500 REVOLUTIONS IN AN ABRASION TEST (LOS ANGELES MACHINEASTM C-535-69) AND SHOULD SUSTAIN A LOSS OF NOT MORE THAN 10% AFTER 12 CYCLES OF FREEZING AND THAWING (AASHTO TEST 103 FOR LEDGE ROCK PROCEDURE A).
 - ROCK HAVING A MINIMUM SPECIFIC GRAVITY OF 2.65 IS PREFERRED; HOWEVER, IN NO CASE SHOULD ROCK HAVE A SPECIFIC GRAVITY LESS THAN 2.50.



SECTION VIEW - EMERGENCY OVERFLOW SPILLWAY

SCALE: NTS

TYPE L RIPRAP	
INTERMEDIATE ROCK DIMENSION (IN.)	PERCENT PASSING (%)
15	70-100
12	50-70
9	35-50
3	2-10

*TYPE L RIPRAP D50=9"
 D50=MEAN PARTICLE SIZE (INTERMEDIATE DIMENSION) BY WEIGHT

TYPE VL RIPRAP	
INTERMEDIATE ROCK DIMENSION (IN.)	PERCENT PASSING (%)
12	70-100
9	50-70
6	35-50
2	2-10

*TYPE L RIPRAP D50=6"
 D50=MEAN PARTICLE SIZE (INTERMEDIATE DIMENSION) BY WEIGHT

TYPE M RIPRAP	
INTERMEDIATE ROCK DIMENSION (IN.)	PERCENT PASSING (%)
21	70-100
18	50-70
12	35-50
4	2-10

*TYPE L RIPRAP D50=12"
 D50=MEAN PARTICLE SIZE (INTERMEDIATE DIMENSION) BY WEIGHT

TYPE H RIPRAP	
INTERMEDIATE ROCK DIMENSION (IN.)	PERCENT PASSING (%)
30	70-100
24	50-70
18	35-50
6	2-10

*TYPE L RIPRAP D50=18"
 D50=MEAN PARTICLE SIZE (INTERMEDIATE DIMENSION) BY WEIGHT

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APPROVED: RDL	JOB NUMBER: 211030	0
CAD DATE: 4/11/2024		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
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NO.	DATE	BY	REVISION DESCRIPTION

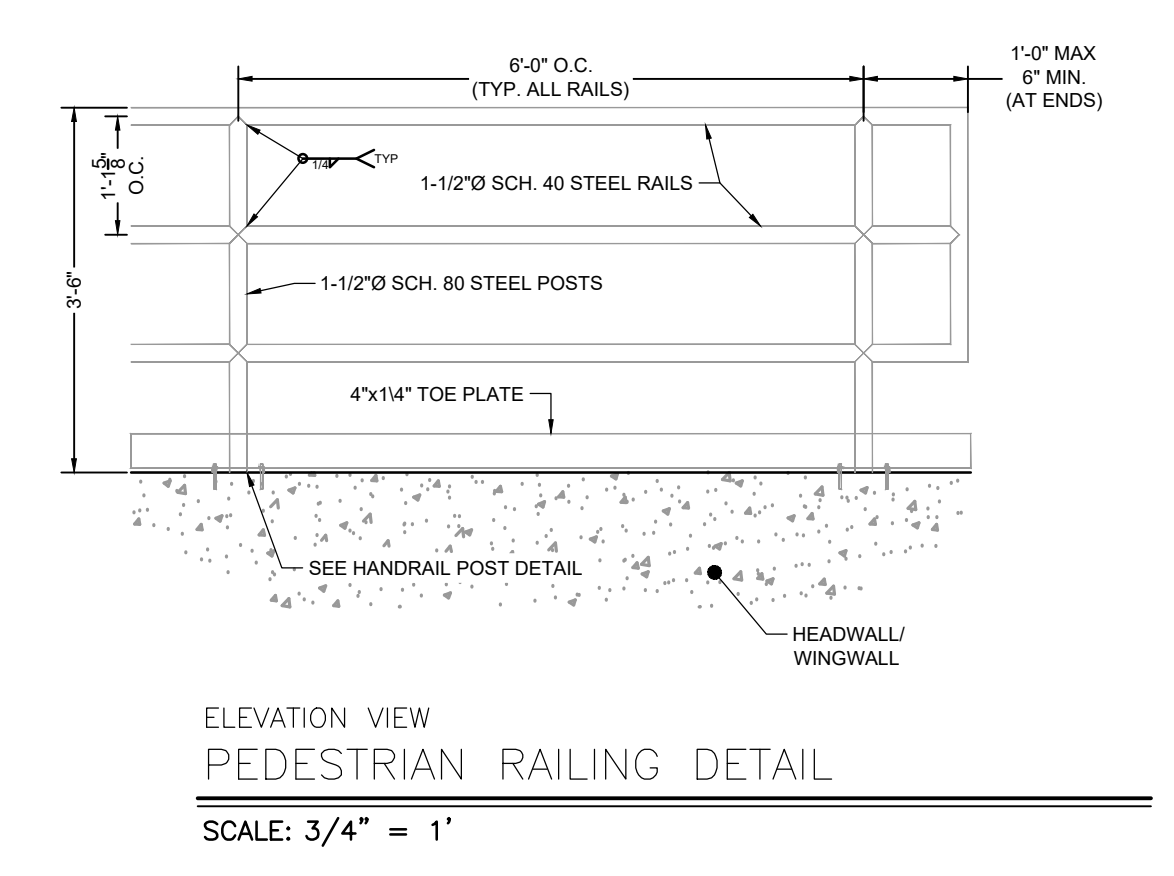
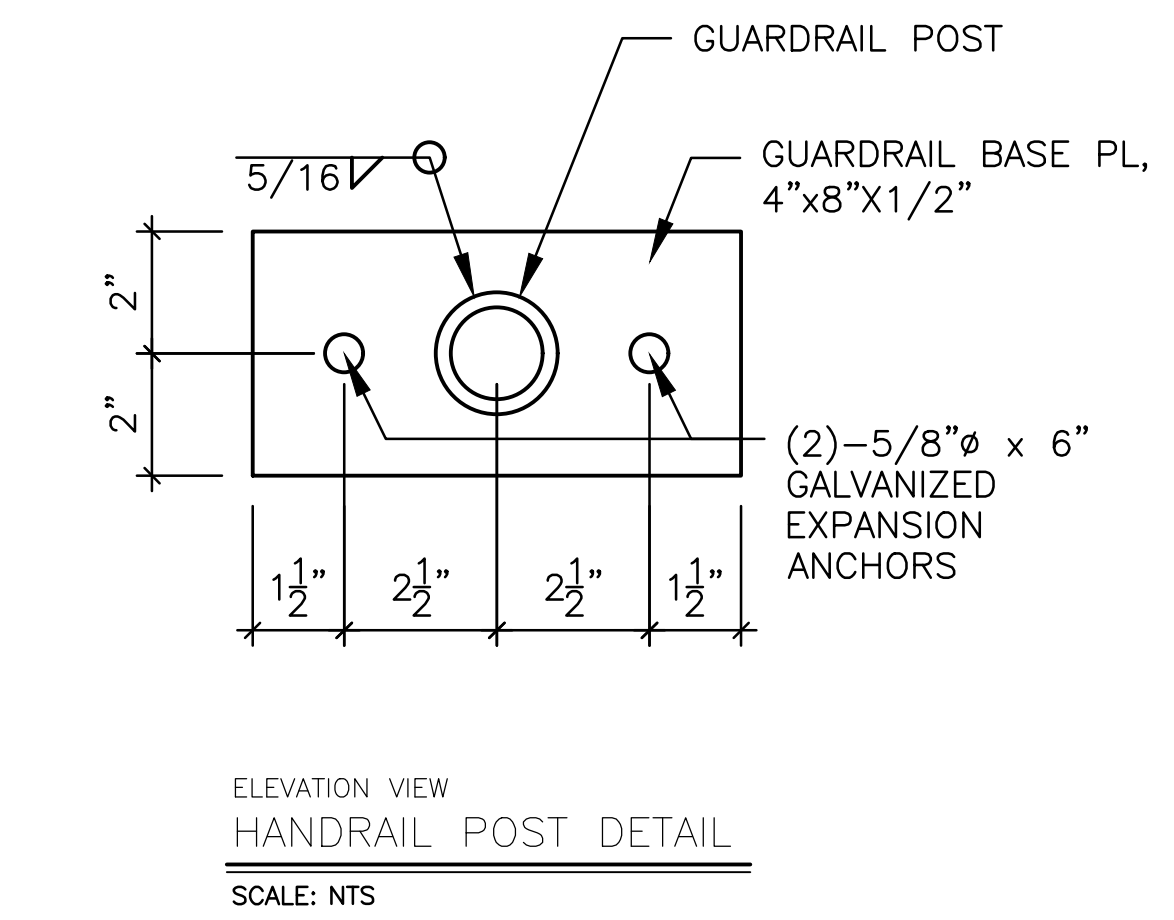
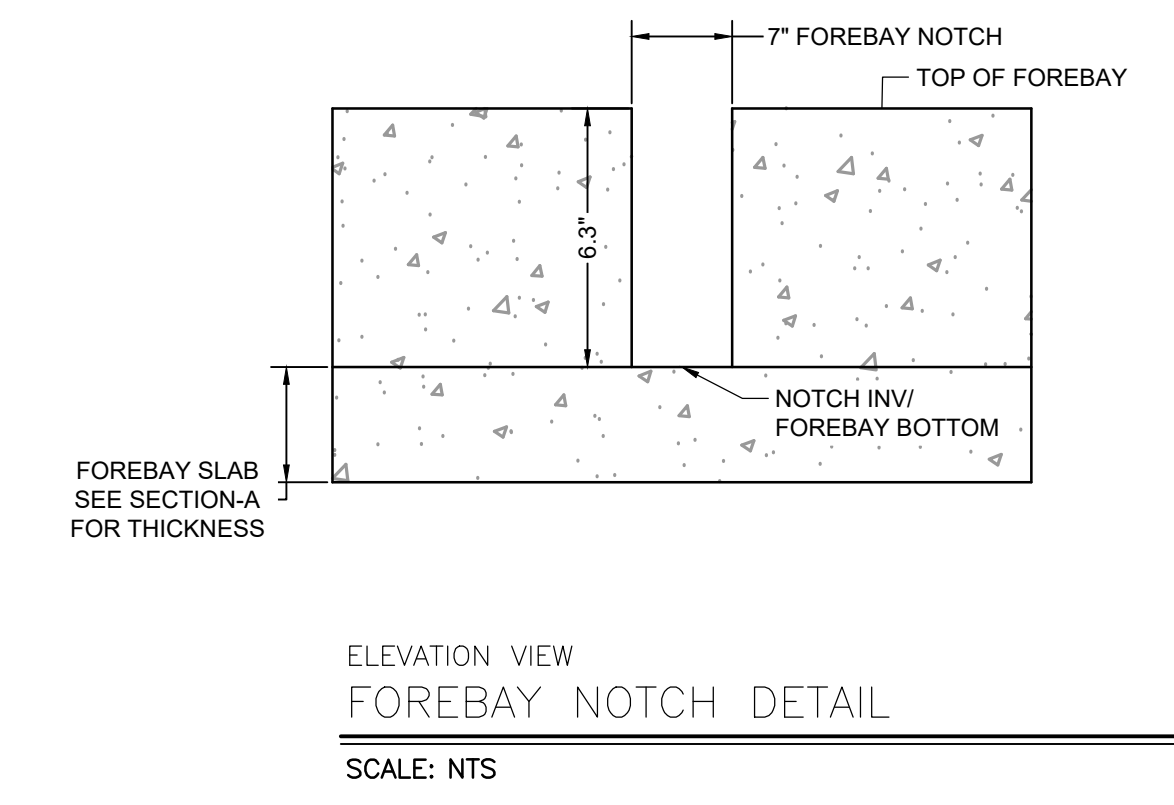
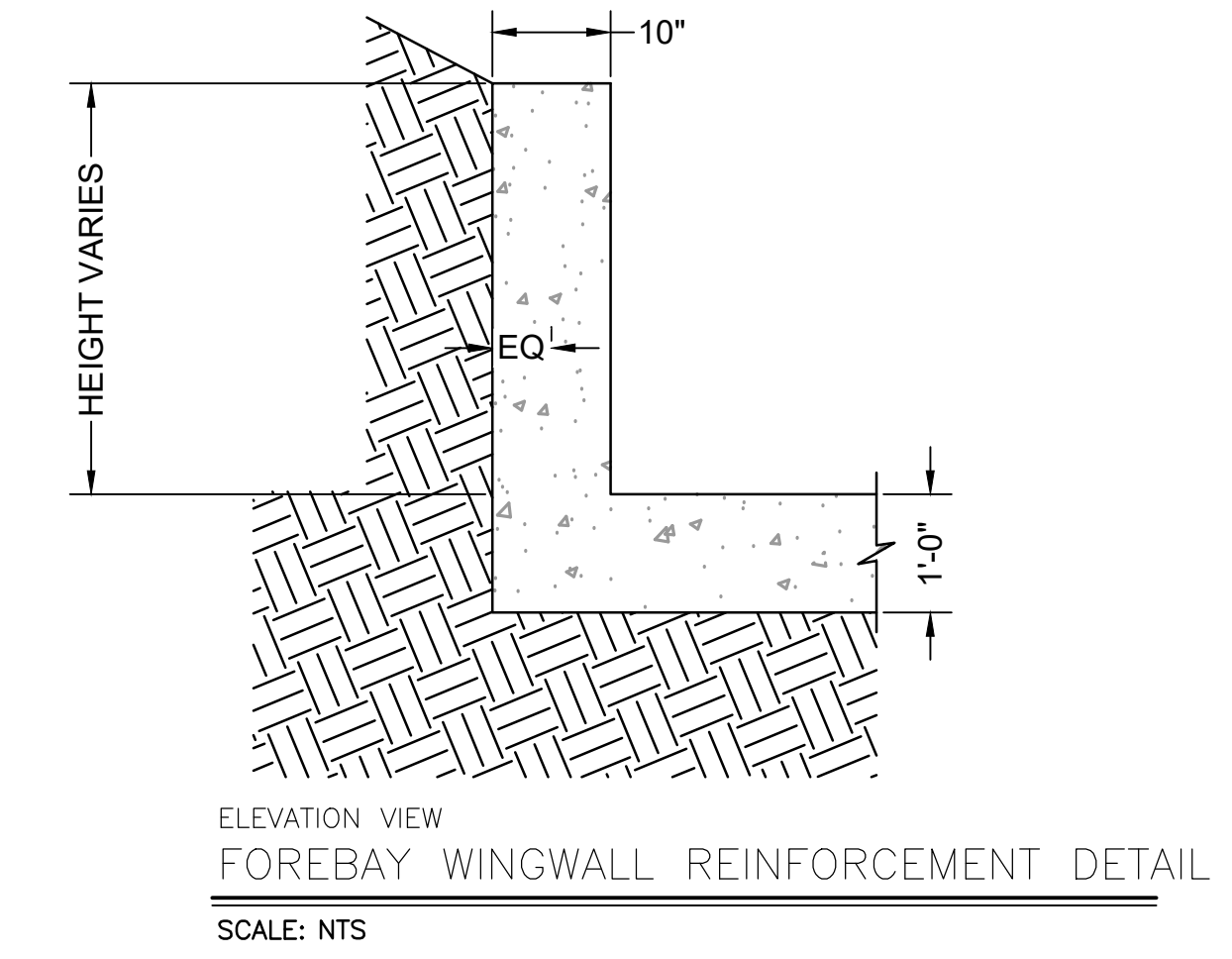
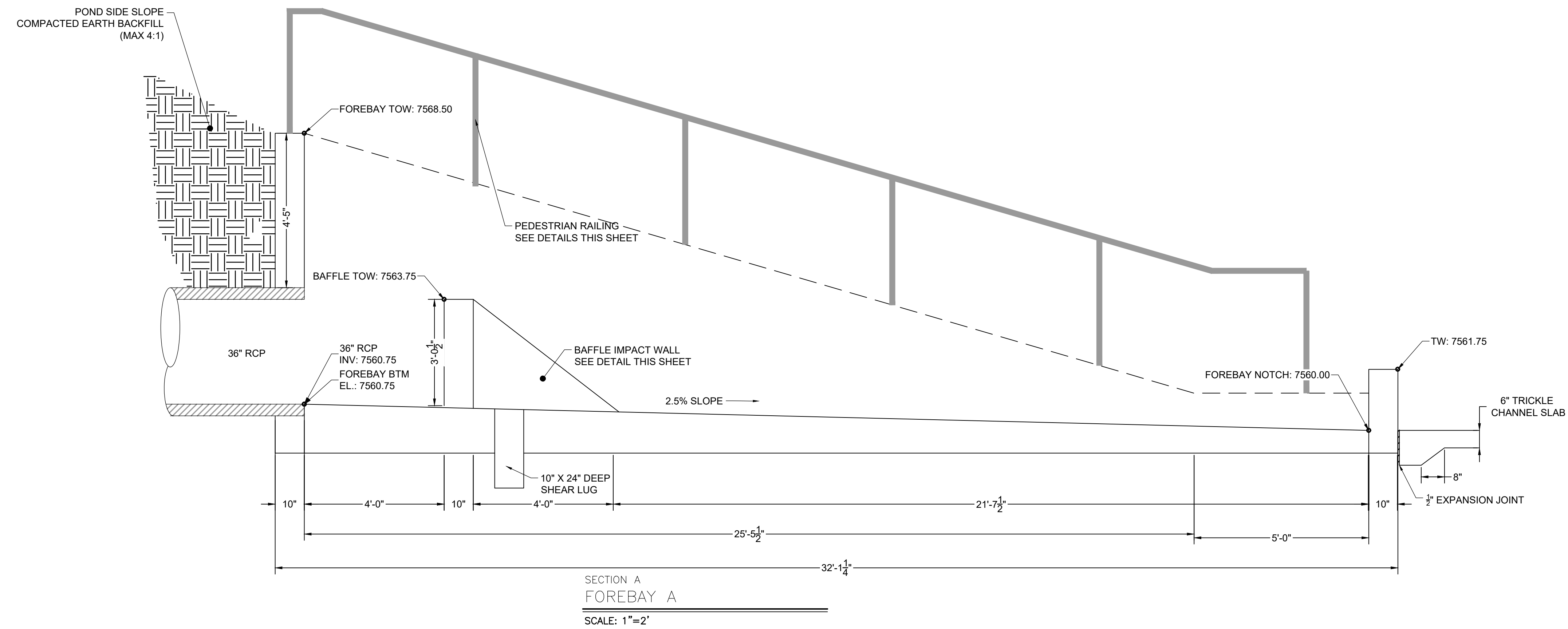
HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

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 PRI #2, LLC.
 EL PASO COUNTY, CO

DRAINAGE DETAILS
 POND A DETAILS

SHEET
 PND
 23





- FOREBAY NOTES:**
- SEE SHEET 65 FOR STRUCTURAL NOTES AND DETAILS.
 - PEDESTRIAN RAILING IS NOT SHOWN IN PLAN VIEW DETAILS. SEE SECTION A FOR RAILING LOCATION.



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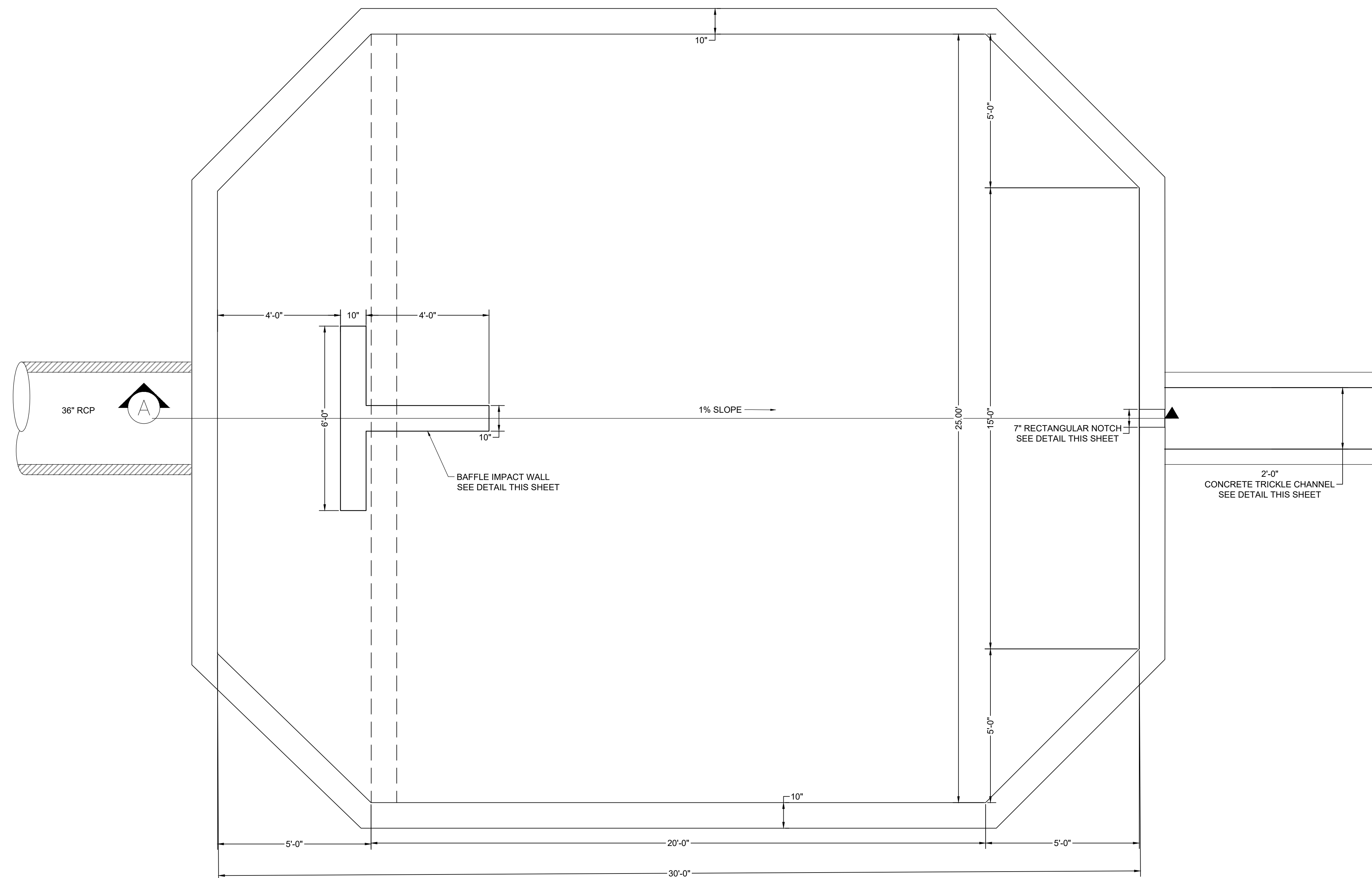
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 COLORADO SPRINGS, CO 80920
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 FAX: 713.965.0044

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 EL PASO COUNTY, CO

CONSTRUCTION DOCUMENTS
 POND A FOREBAY DETAILS

SHEET
PND
 24



PLAN VIEW
FOREBAY A
SCALE: 1"=2'

FOREBAY NOTES:

- SEE SHEET 65 FOR STRUCTURAL NOTES AND DETAILS.
- PEDESTRIAN RAILING IS NOT SHOWN IN PLAN VIEW DETAILS. SEE SECTION A FOR RAILING LOCATION.



PCD FILE NO.: SF2326

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CAD DATE: 4/11/2024		
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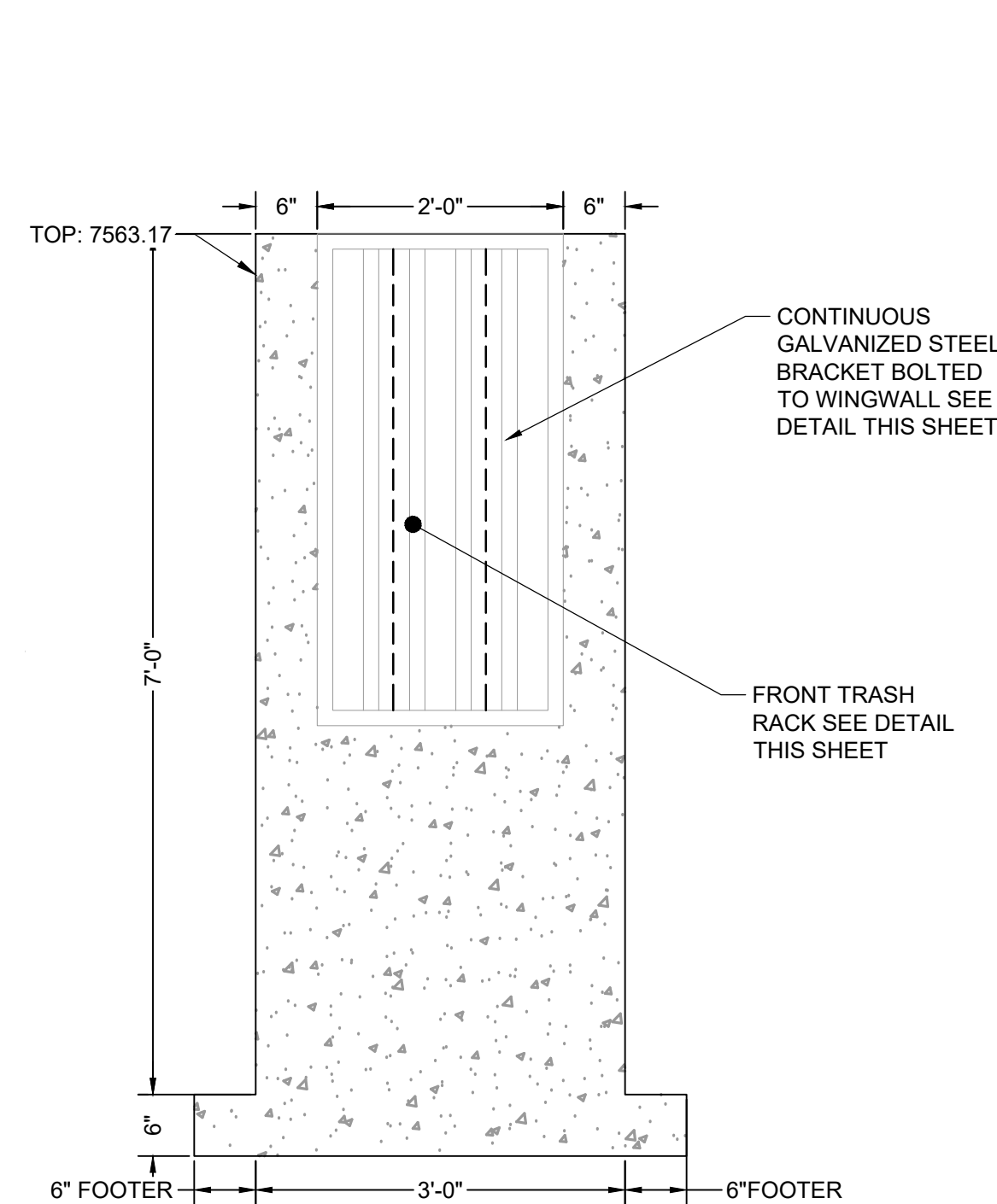
NO.	DATE	BY	REVISION DESCRIPTION

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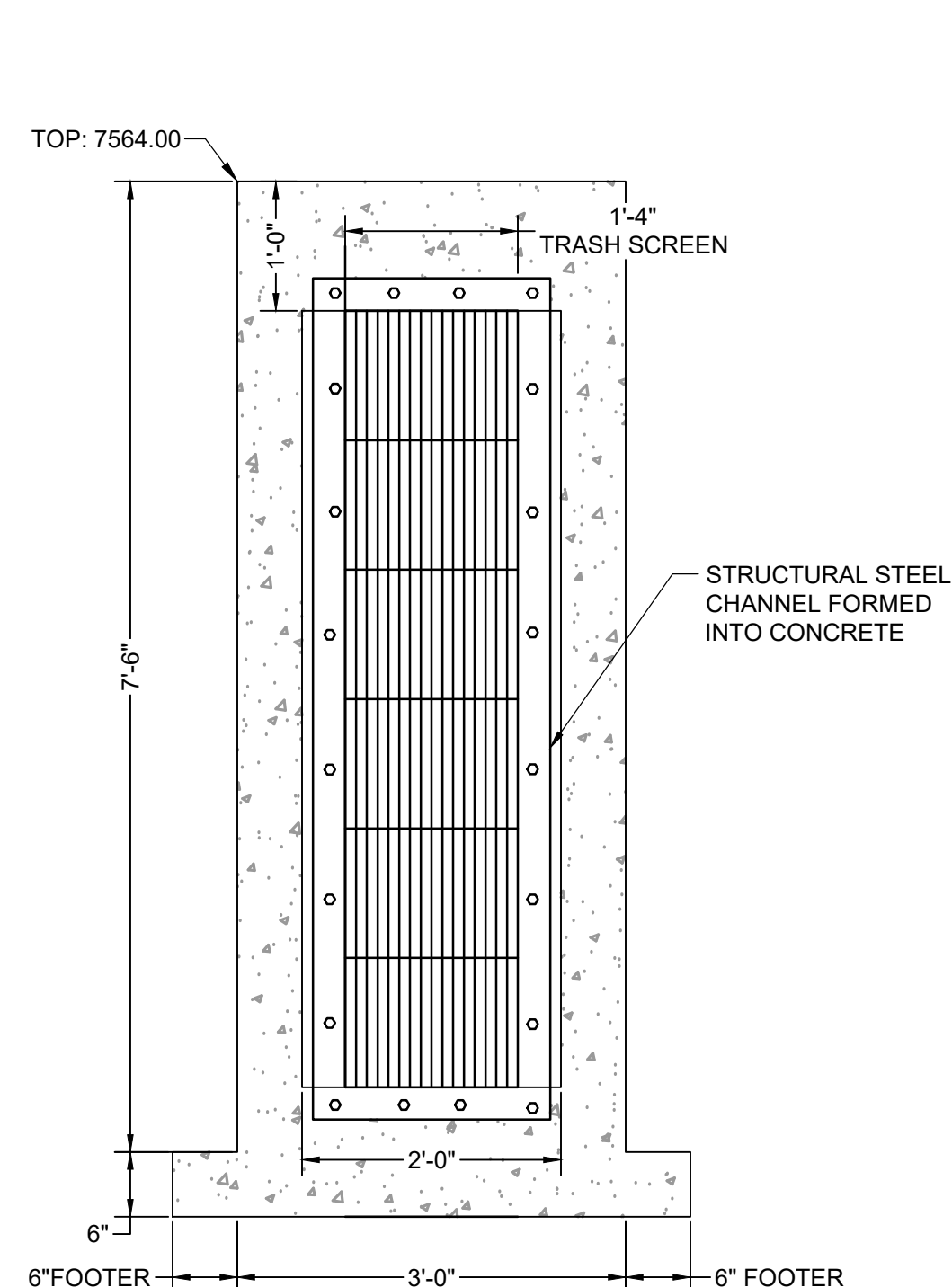
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 EL PASO COUNTY, CO

CONSTRUCTION DOCUMENTS
 POND A FOREBAY DETAILS 2

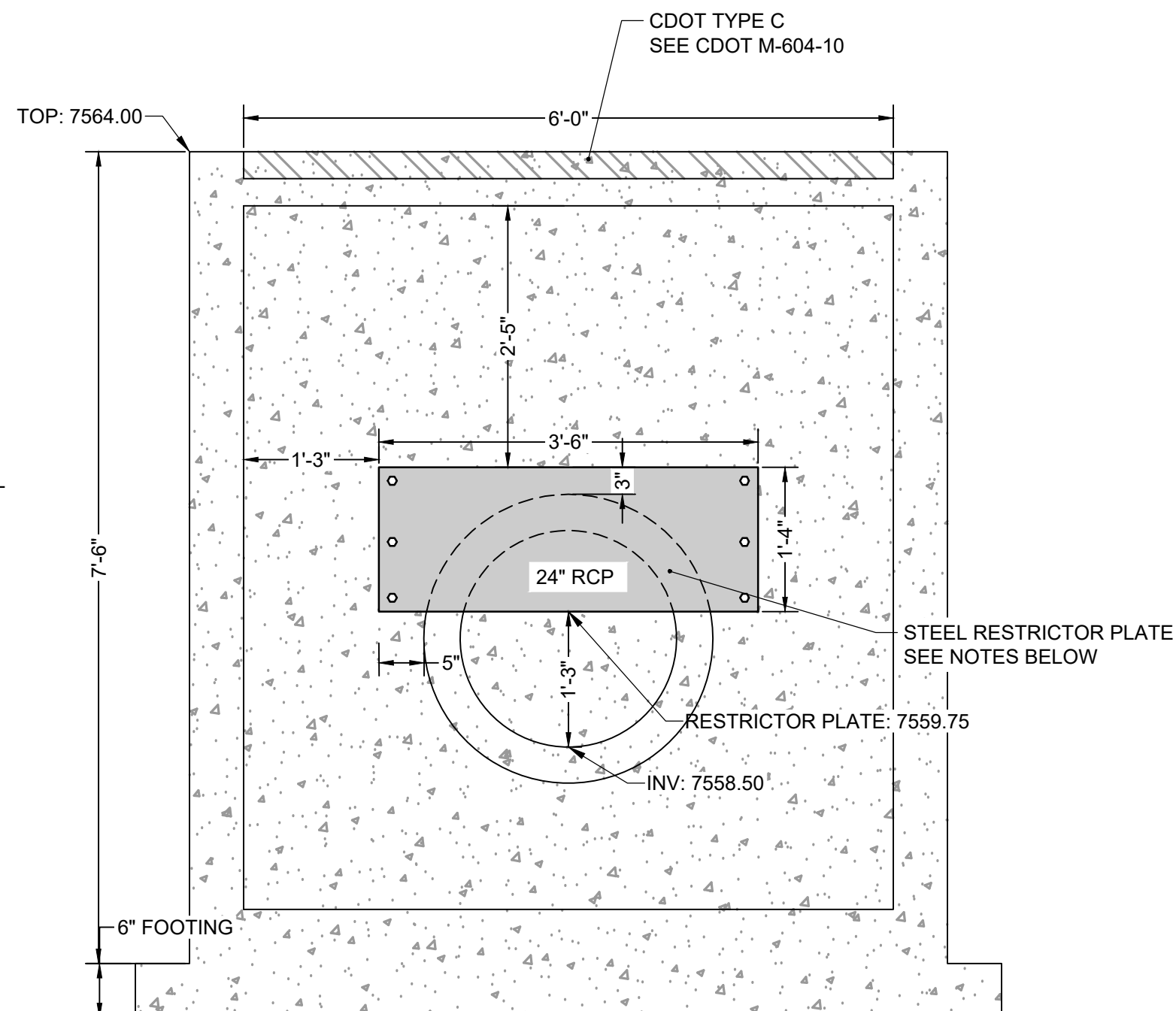
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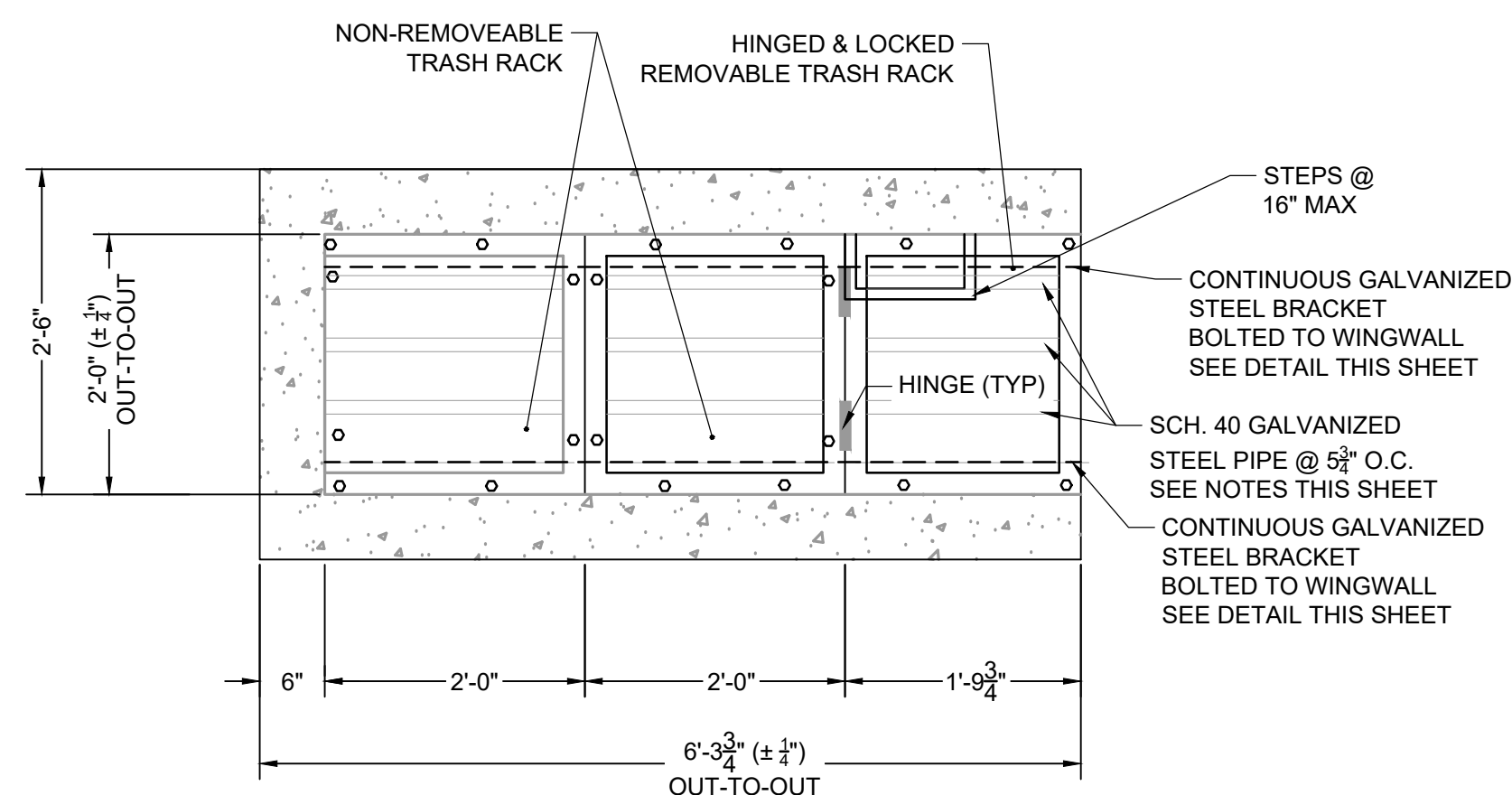
ELEVATION VIEW
FRONT FACE
SCALE: 3/4" = 1'



ELEVATION VIEW
TRASH SCREEN
SCALE: 3/4" = 1'



ELEVATION VIEW
REAR FACE
SCALE: 3/4" = 1'



PLAN VIEW
TRASH RACK DETAIL
SCALE: N.T.S

ORIFICE PLATE NOTES:

1. PLATE TO BE 3/8" THICK GALVANIZED STEEL.
2. BOLT PLATE TO CONCRETE @ 12" O.C. MAX.
3. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE.

TRASH SCREEN NOTES:

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.

TRASH RACK NOTES:

1. TRASH RACKS SHALL BE 1 1/2" SCH. 40 STEEL PIPE, GALVANIZED, @ 6" CENTERS. SUPPORT BARS SHALL BE 1/2" x 2" STEEL RECTANGULAR BARS, GALVANIZED, @ 36". ALL TRASH RACKS SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE.
2. REMOVABLE TRASH RACK SECTIONS SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE AND PROVIDED WITH HINGED & LOCKABLE OR BOLTABLE ACCESS PANELS AS SHOWN ON THE PLANS.
3. STEEL TRASH RACKS SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.
4. STRUCTURAL STEEL FOR GRATES, ORIFICE PLATES, AND BARS SHALL BE GALVANIZED AND SHALL BE IN ACCORDANCE WITH CDOT STANDARD SPECIFICATIONS, SUBSECTION 712.06.
5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL PLATES AND GRATING FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

RESTRICTOR PLATE NOTES:

1. 3/8" THICK RESTRICTOR PLATE, GALVANIZED STEEL.
2. BOLT PLATE TO CONCRETE @ 12" O.C. MAX.
3. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN PLATE AND CONCRETE.



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CAD DATE: 4/11/2024		
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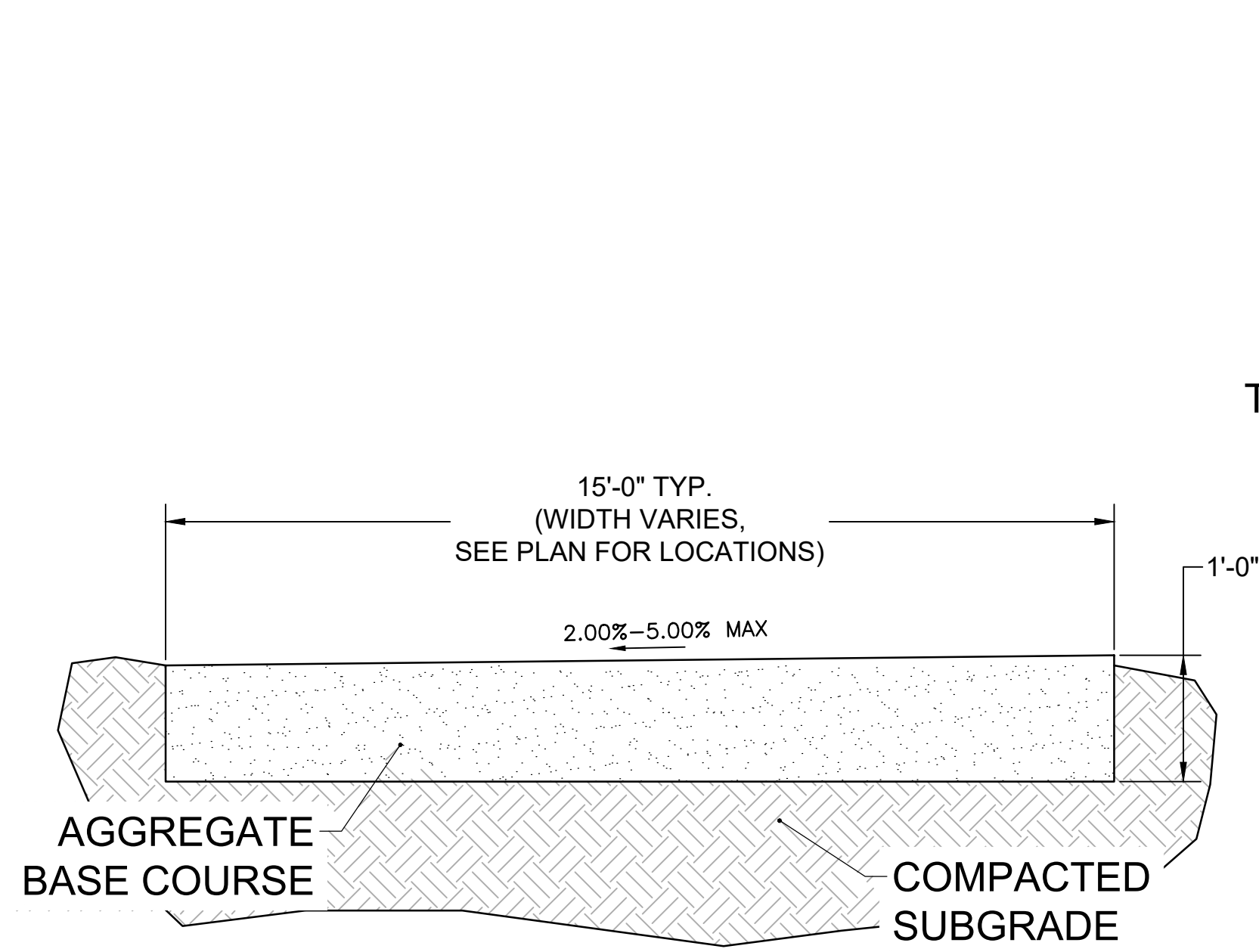
NO.	DATE	BY	REVISION DESCRIPTION

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 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
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 EL PASO COUNTY, CO

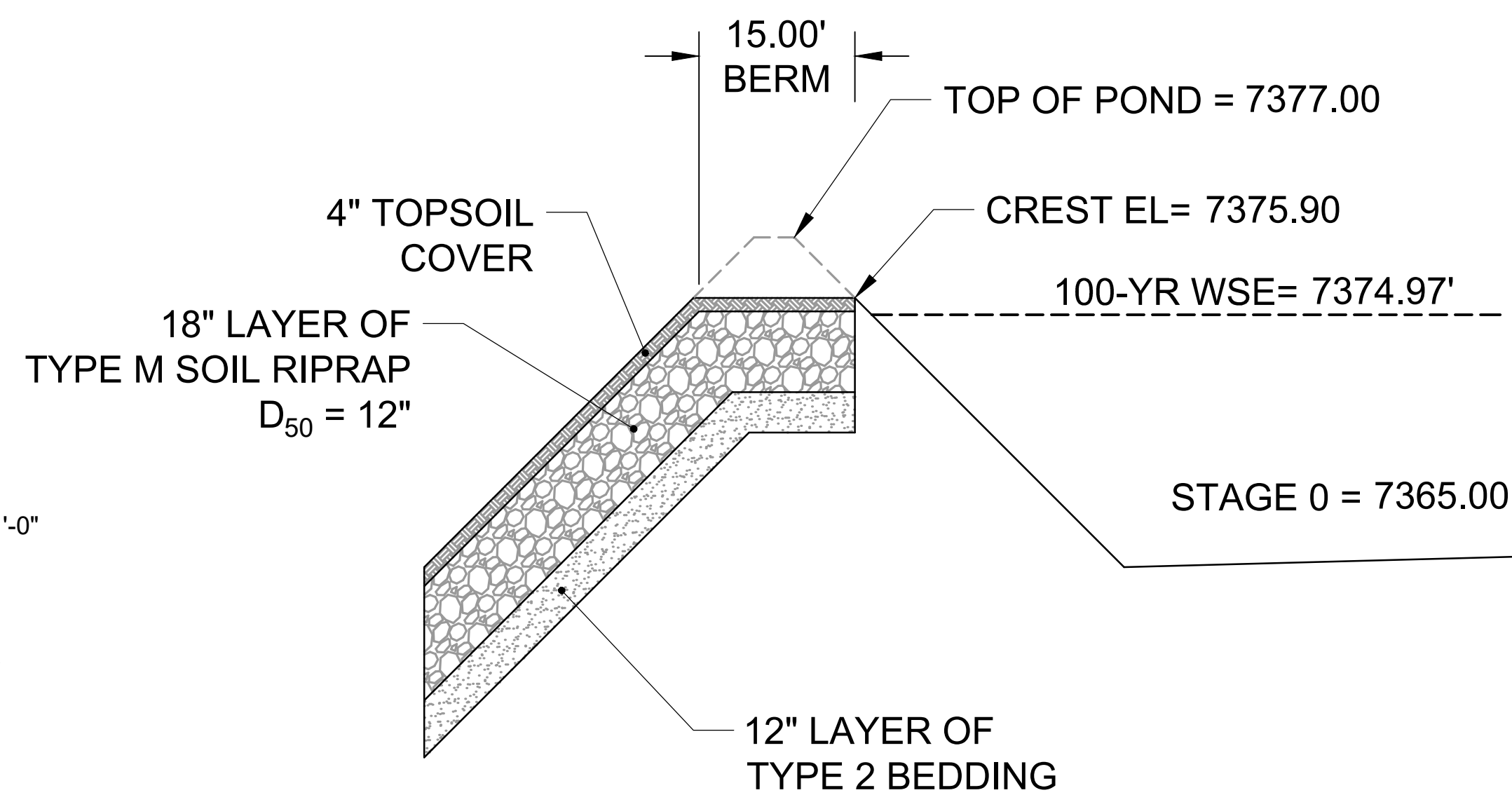
CONSTRUCTION DOCUMENTS
 POND A OUTLET STRUCTURE DETAILS 2

SHEET
PND
 27



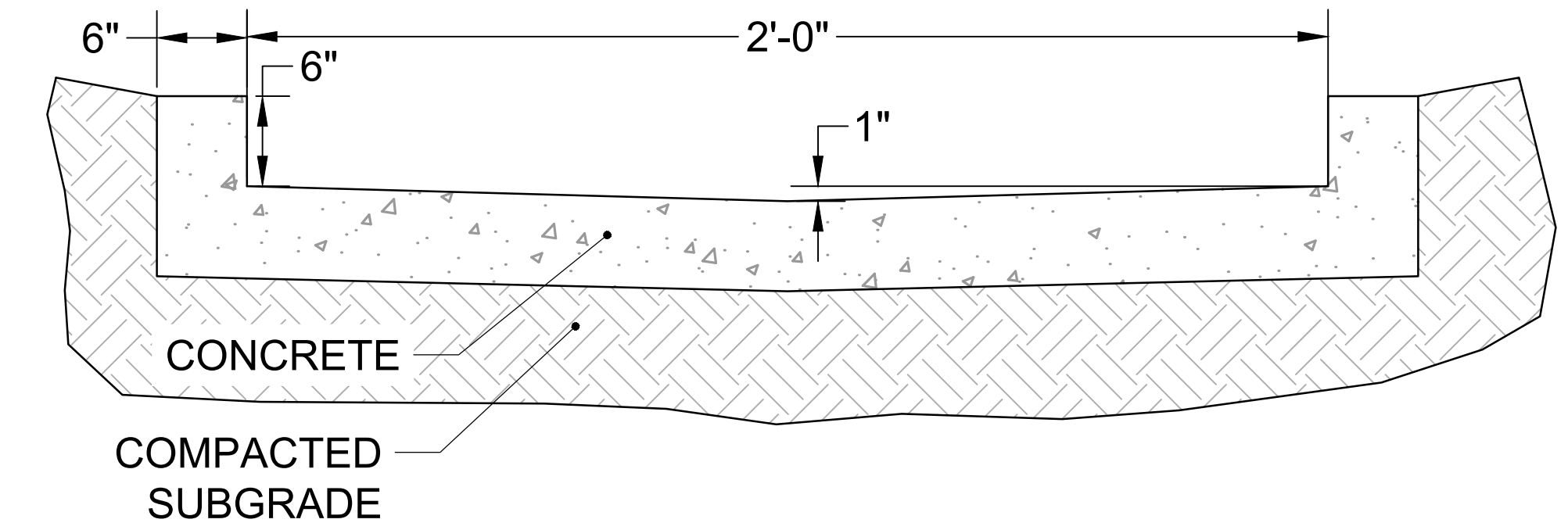
TYPICAL SECTION - MAINTENANCE ROAD

SCALE: NTS



PROFILE VIEW - EMERGENCY OVERFLOW SPILLWAY

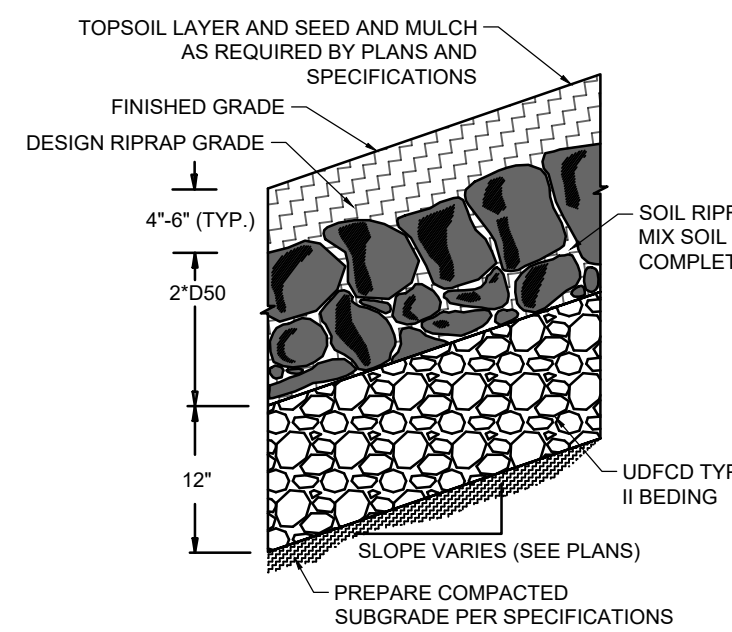
SCALE: NTS



TYPICAL DETAIL - 2.0' TRICKLE CHANNEL

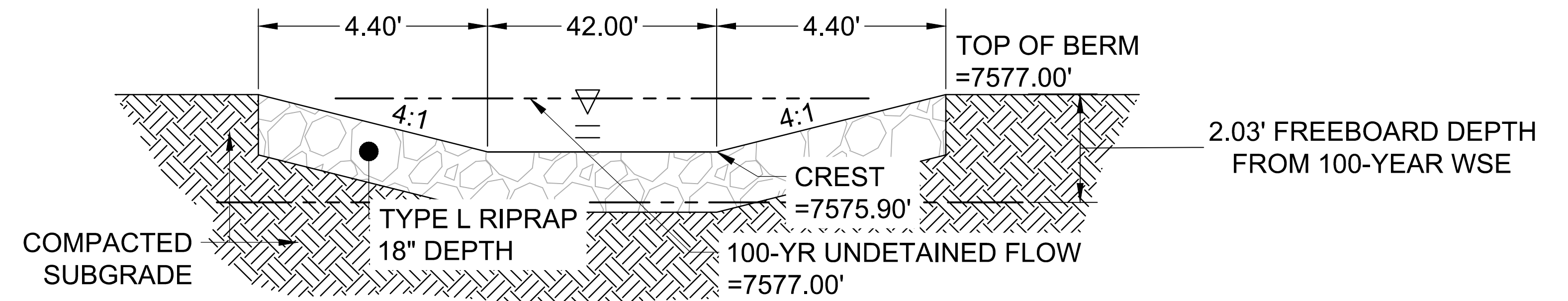
SCALE: NTS

TRICKLE CHANNEL DESIGN NOTES:
 MAXIMUM FLOW DEPTH: 6"
 DEPTH OF FLOW DURING PEAK INFLOW: 5.76"



SOIL RIPRAP EMBANKMENT PROTECTION WITH BEDDING TYP. SECTION
 N.T.S.

- RIPRAP NOTES**
- SOIL RIPRAP DETAILS ARE APPLICABLE TO SLOPED AREAS REFER TO THE SITE PLAN ACTUAL LOCATION AND LIMITS.
 - MIX UNIFORMLY 65% RIPRAP BY VOLUME WITH 35% OF APPROVED SOIL BY VOLUME PRIOR TO PLACEMENT.
 - PLACE STONE-SOIL MIX TO RESULT IN SECURELY INTERLOCKED ROCK AT THE DESIGN THICKNESS AND GRADE. COMPACT AND LEVEL TO ELIMINATE ALL VOIDS AND ROCKS PROJECTING ABOVE DESIGN RIPRAP TOP GRADE. CRIMP OR TACKIFY MULCH OR USE APPROVED HYDROMULCH AS CALLED FOR IN THE PLANS AND SPECIFICATIONS.
 - ROCK SHALL BE HARD, DURABLE, ANGULAR IN SHAPE, AND FREE FROM CRACKS, OVERBURDEN, SHALE, AND ORGANIC MATTER.
 - NEITHER BREADTH NOR THICKNESS OF A SINGLE STONE SHOULD BE LESS THAN ONE-THIRD ITS LENGTH, AND ROUNDED STONE SHOULD BE AVOIDED.
 - THE ROCK SHOULD SUSTAIN A LOSS OF NOT MORE THAN 40% AFTER 500 REVOLUTIONS IN AN ABRASION TEST (LOS ANGELES MACHINEASTM C-535-69) AND SHOULD SUSTAIN A LOSS OF NOT MORE THAN 10% AFTER 12 CYCLES OF FREEZING AND THAWING (AASHTO TEST 103 FOR LEDGE ROCK PROCEDURE A).
 - ROCK HAVING A MINIMUM SPECIFIC GRAVITY OF 2.65 IS PREFERRED; HOWEVER, IN NO CASE SHOULD ROCK HAVE A SPECIFIC GRAVITY LESS THAN 2.50.



SECTION VIEW - EMERGENCY OVERFLOW SPILLWAY

SCALE: NTS

TYPE L RIPRAP	
INTERMEDIATE ROCK DIMENSION (IN.)	PERCENT PASSING (%)
15	70-100
12	50-70
9	35-50
3	2-10

*TYPE L RIPRAP D50=9"
 D50=MEAN PARTICLE SIZE (INTERMEDIATE DIMENSION) BY WEIGHT

TYPE VL RIPRAP	
INTERMEDIATE ROCK DIMENSION (IN.)	PERCENT PASSING (%)
12	70-100
9	50-70
6	35-50
2	2-10

*TYPE L RIPRAP D50=6"
 D50=MEAN PARTICLE SIZE (INTERMEDIATE DIMENSION) BY WEIGHT

TYPE M RIPRAP	
INTERMEDIATE ROCK DIMENSION (IN.)	PERCENT PASSING (%)
21	70-100
18	50-70
12	35-50
4	2-10

*TYPE L RIPRAP D50=12"
 D50=MEAN PARTICLE SIZE (INTERMEDIATE DIMENSION) BY WEIGHT

TYPE H RIPRAP	
INTERMEDIATE ROCK DIMENSION (IN.)	PERCENT PASSING (%)
30	70-100
24	50-70
18	35-50
6	2-10

*TYPE L RIPRAP D50=18"
 D50=MEAN PARTICLE SIZE (INTERMEDIATE DIMENSION) BY WEIGHT



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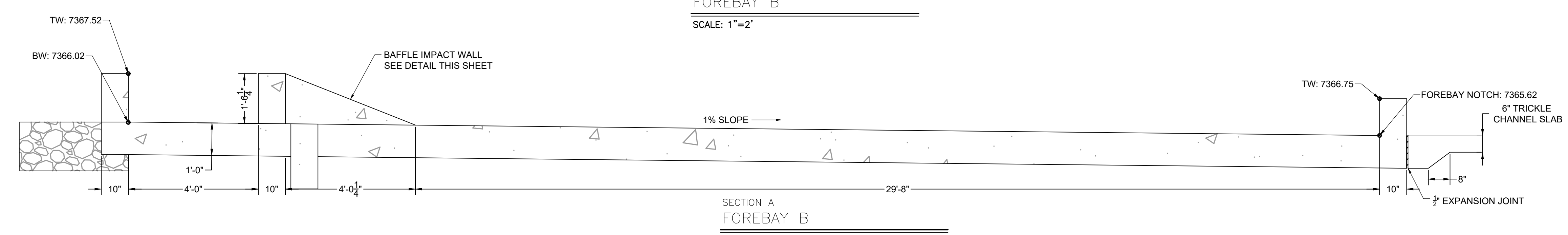
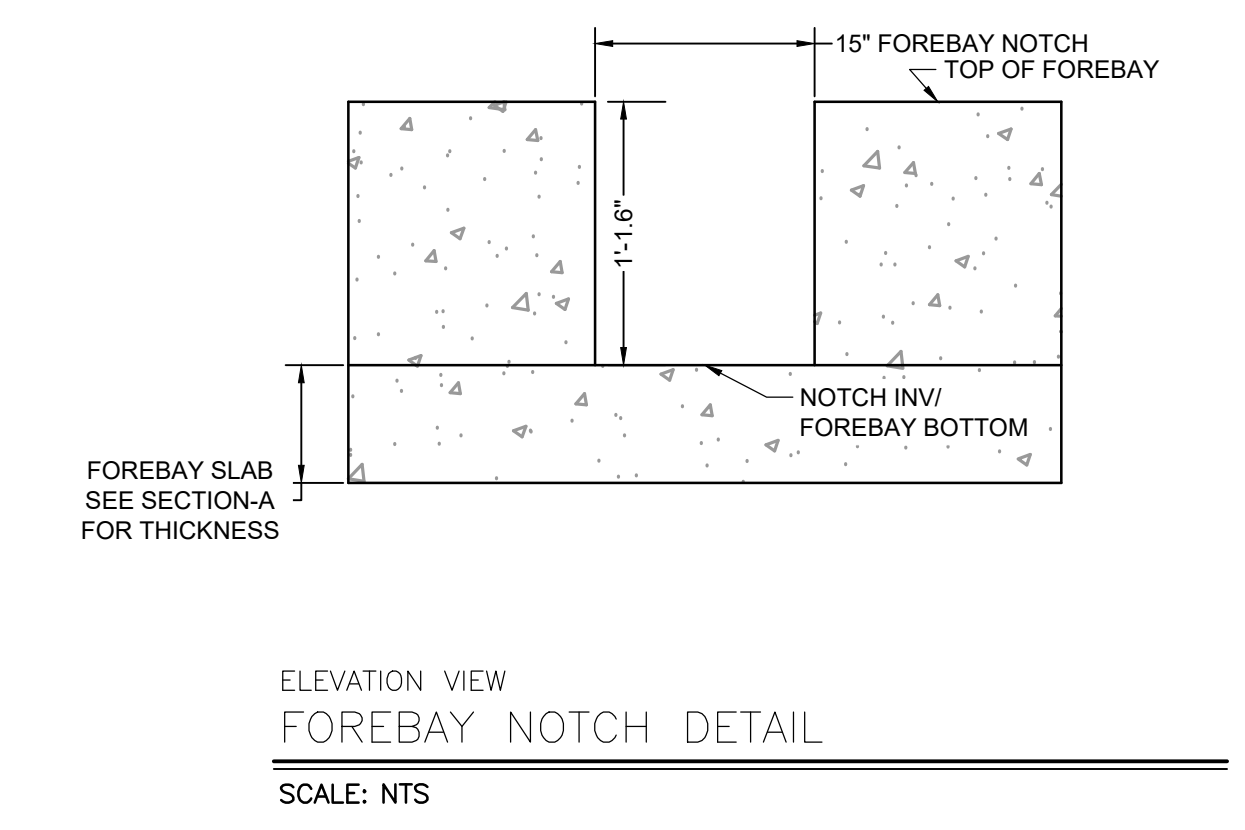
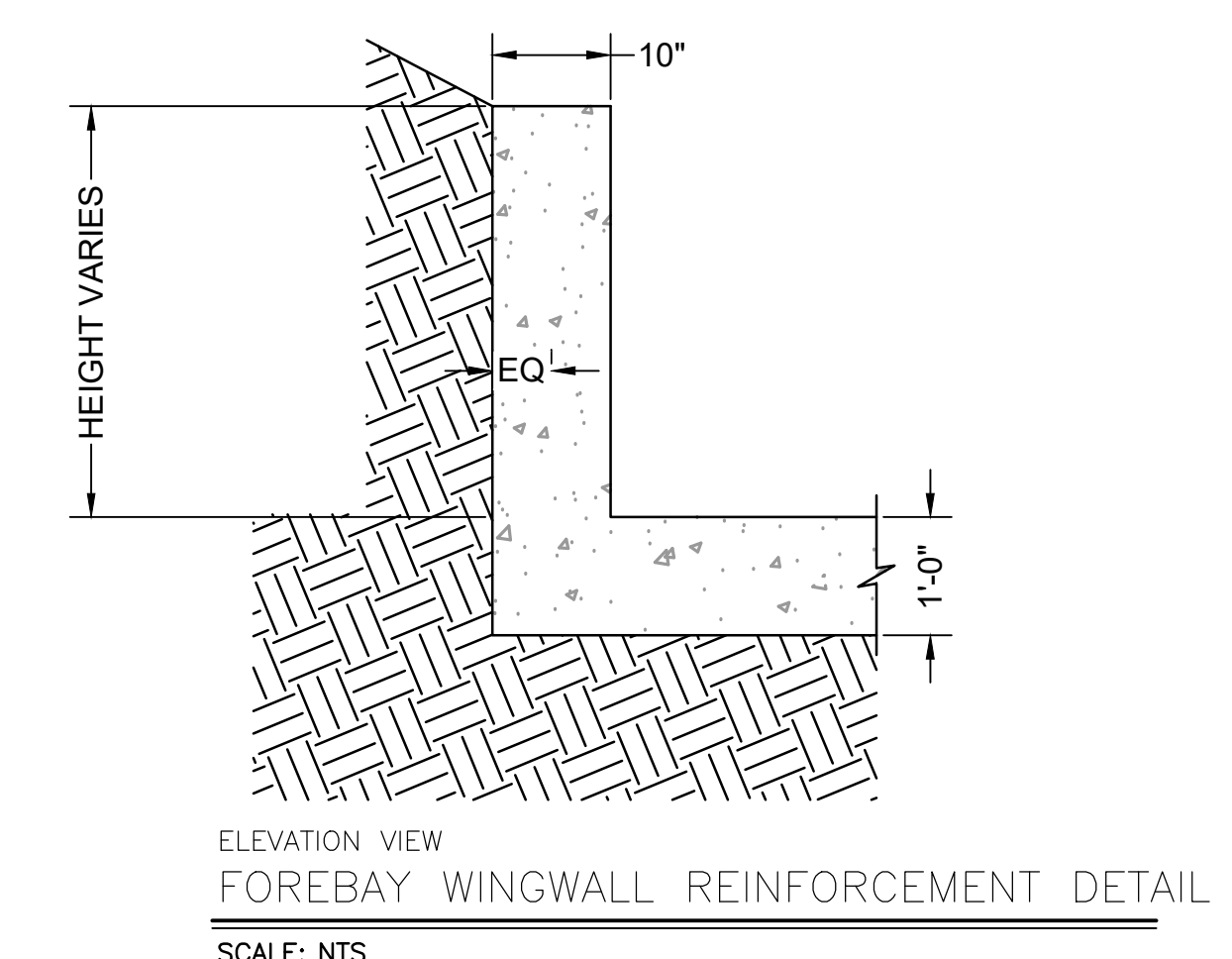
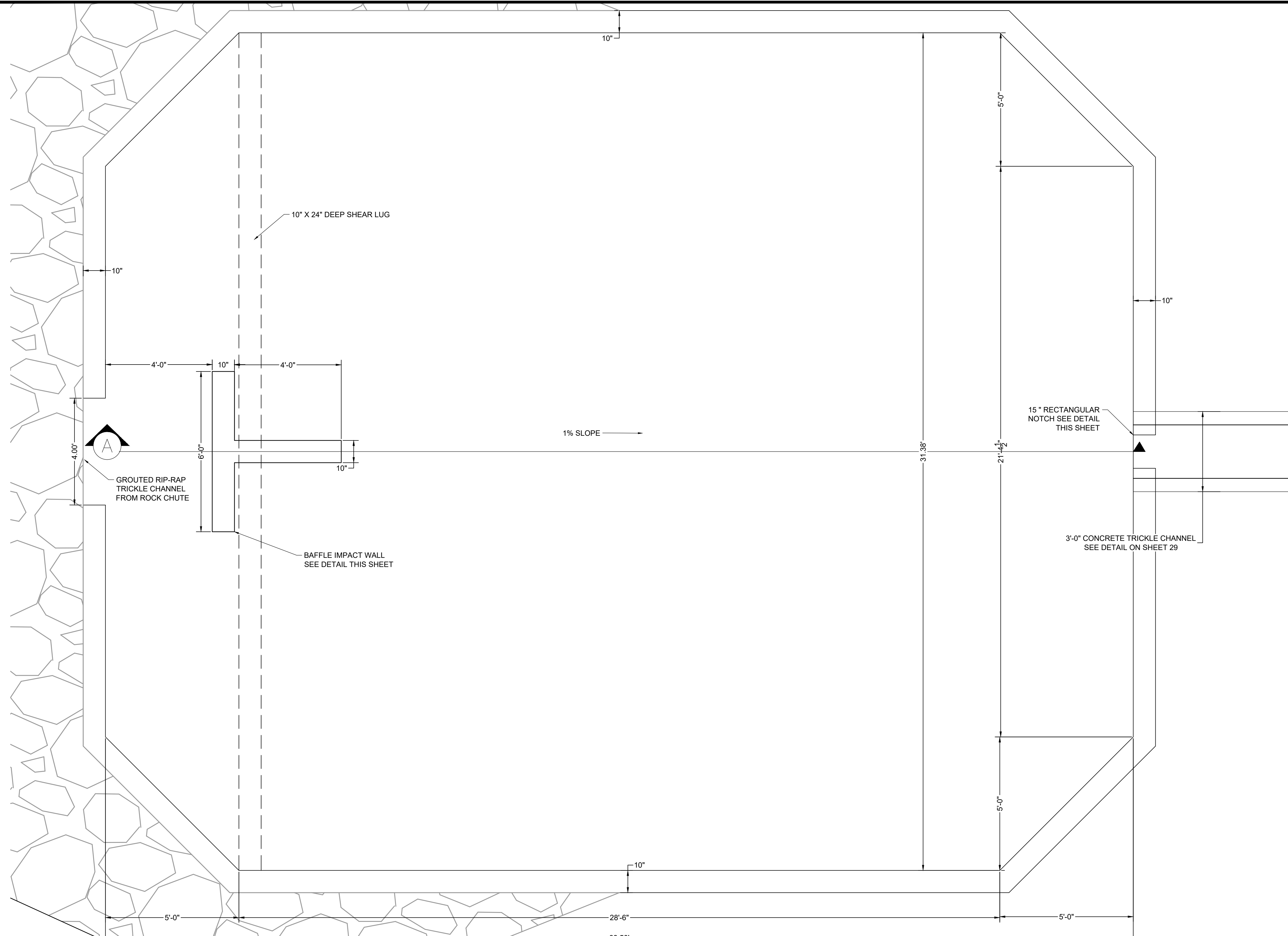
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 COLORADO SPRINGS, CO 80920
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 FAX: 713.965.0044

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 EL PASO COUNTY, CO

DRAINAGE DETAILS
 POND B DETAILS

SHEET
PND
 29



- FOREBAY NOTES:**
- SEE SHEET 65 FOR STRUCTURAL NOTES AND DETAILS.
 - PEDESTRIAN RAILING IS NOT SHOWN IN PLAN VIEW DETAILS. SEE SECTION A FOR RAILING LOCATION.



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APPROVED: CPM	JOB NUMBER: 211030	0" = 1"
CAD DATE: 4/11/2024		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
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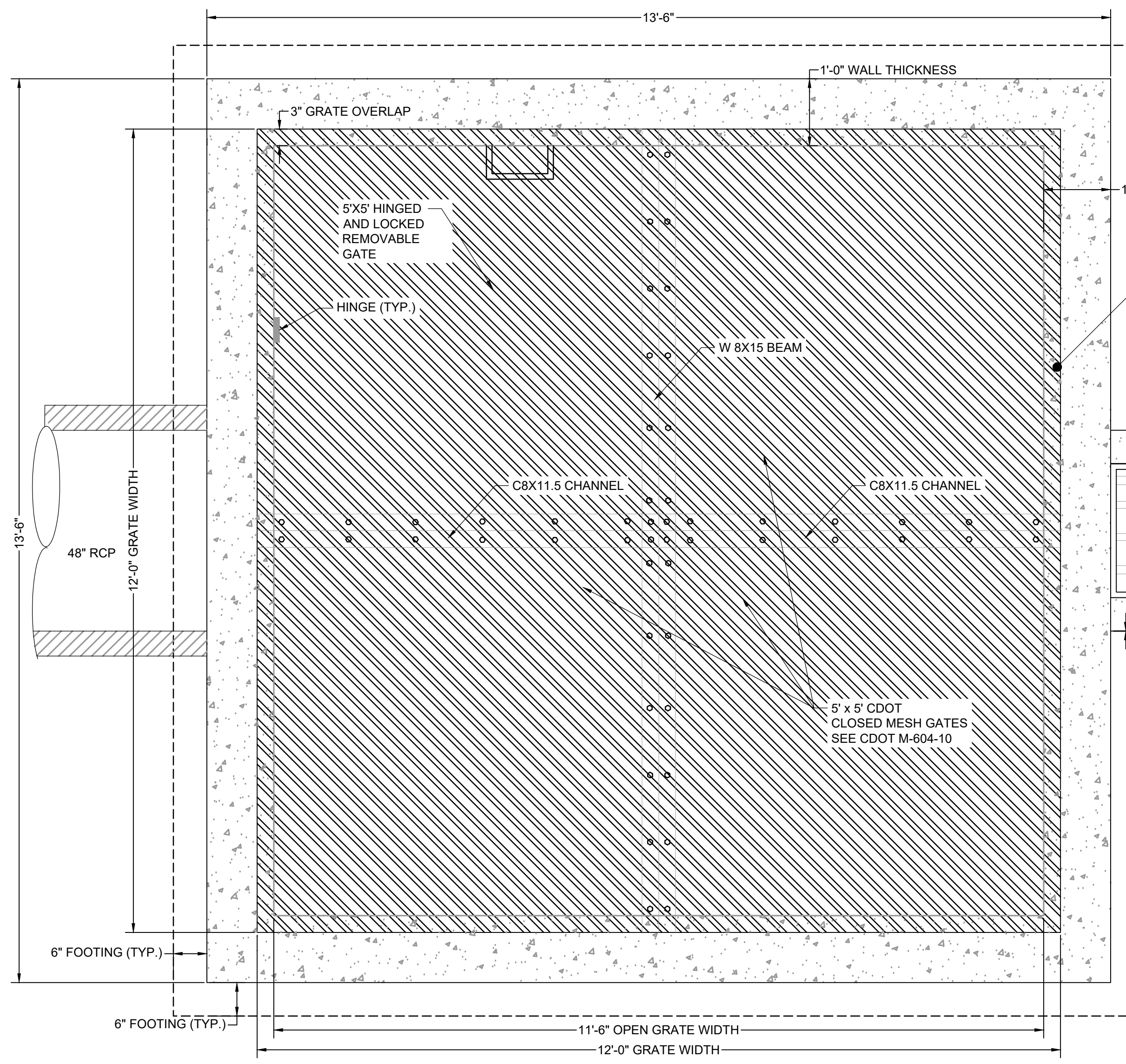
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1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

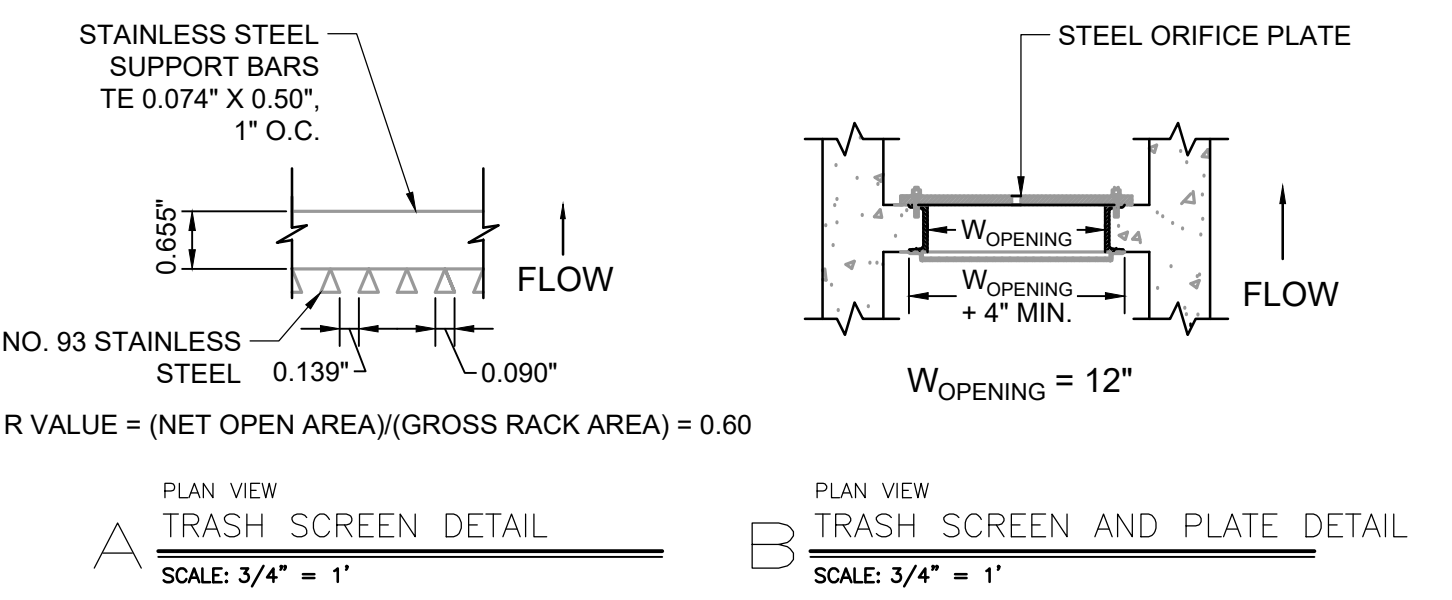
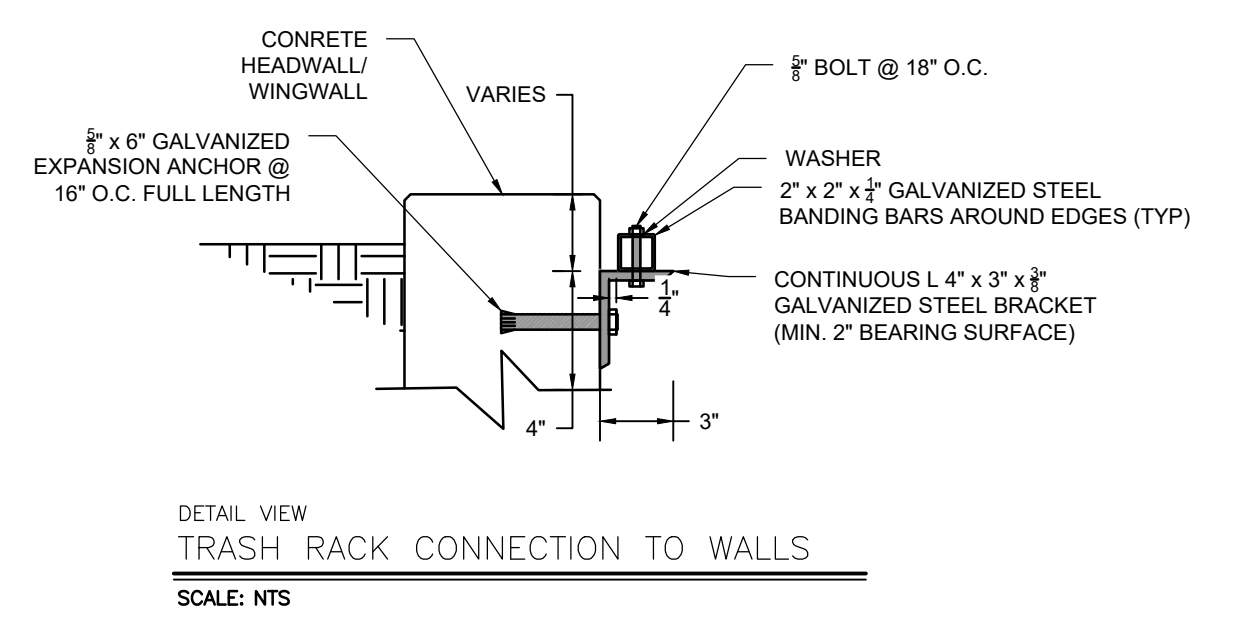
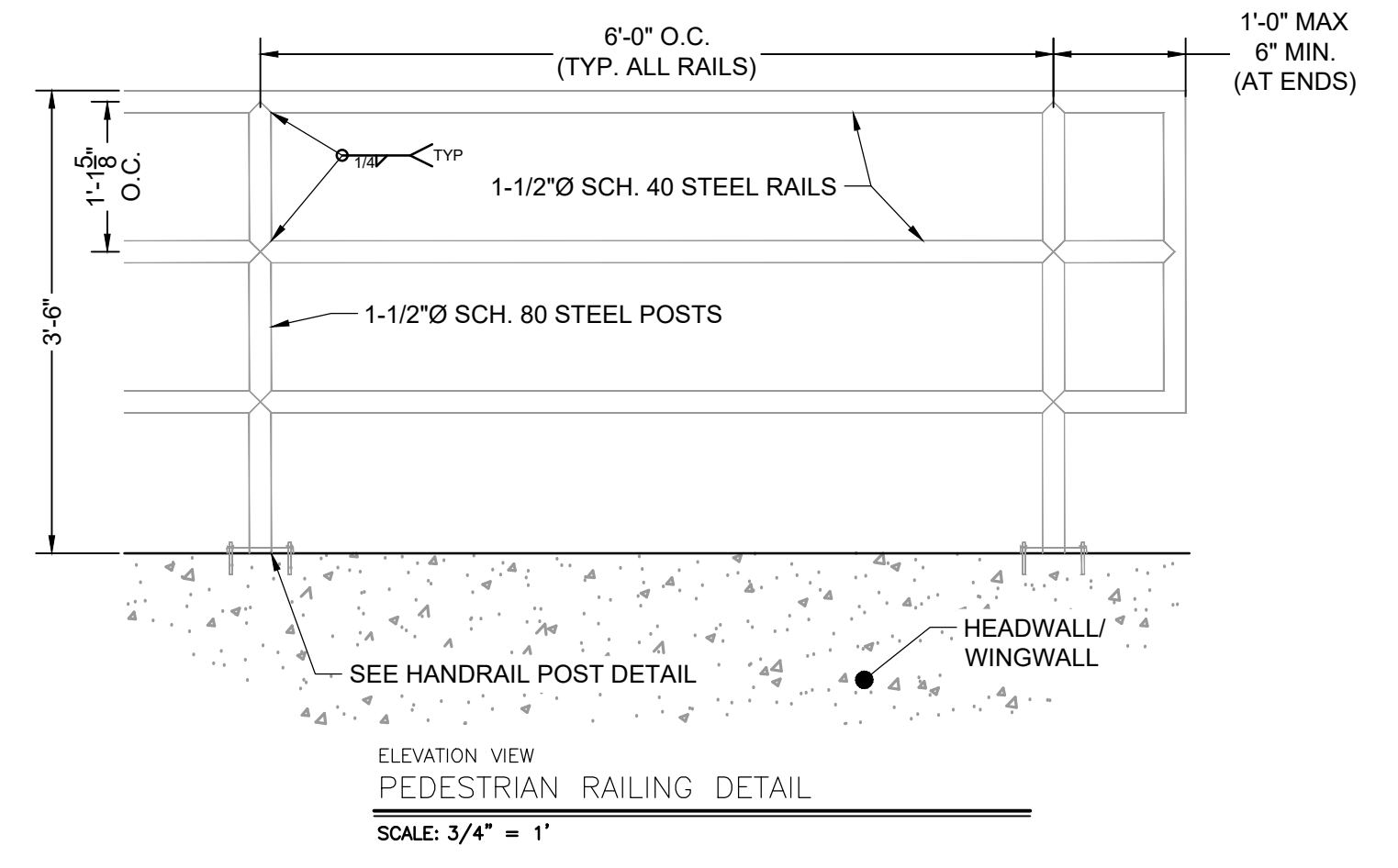
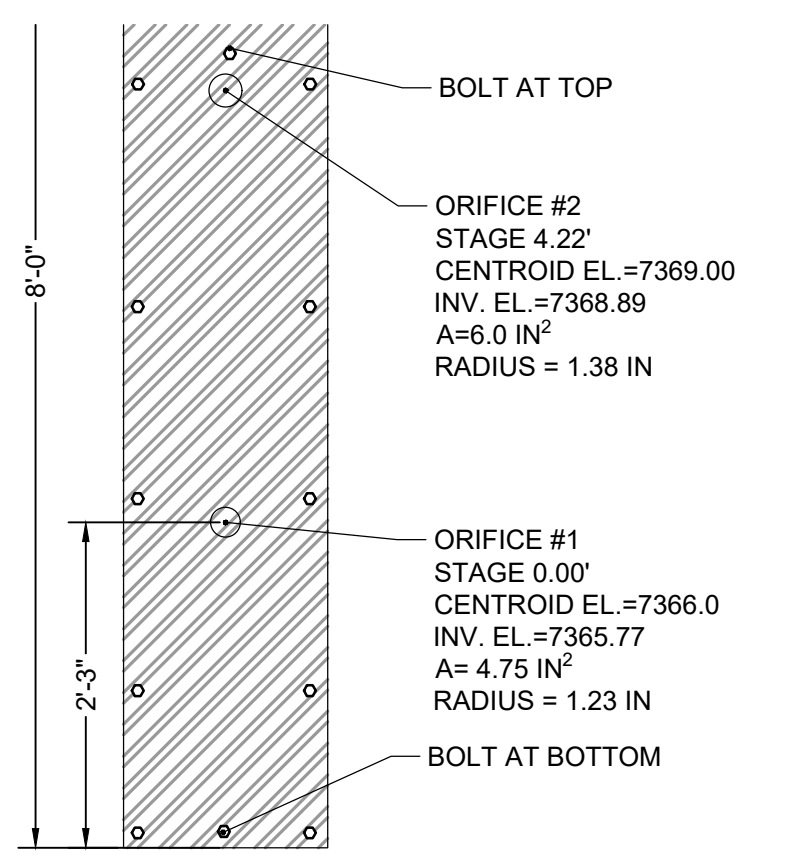
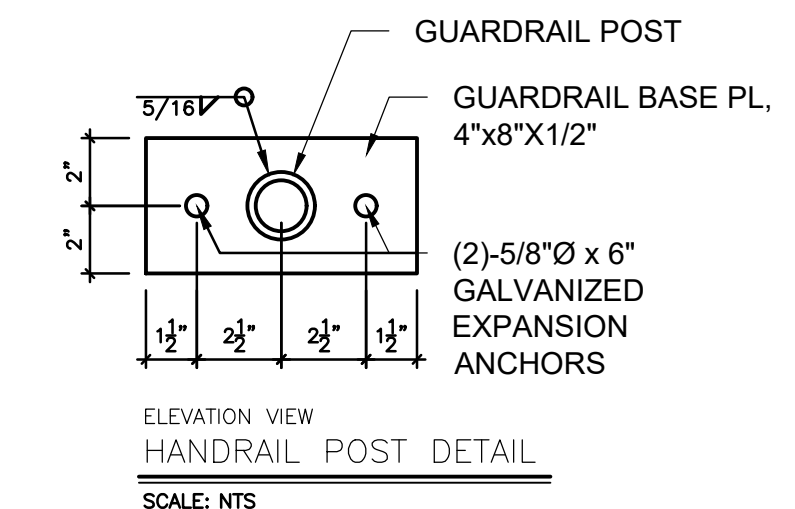
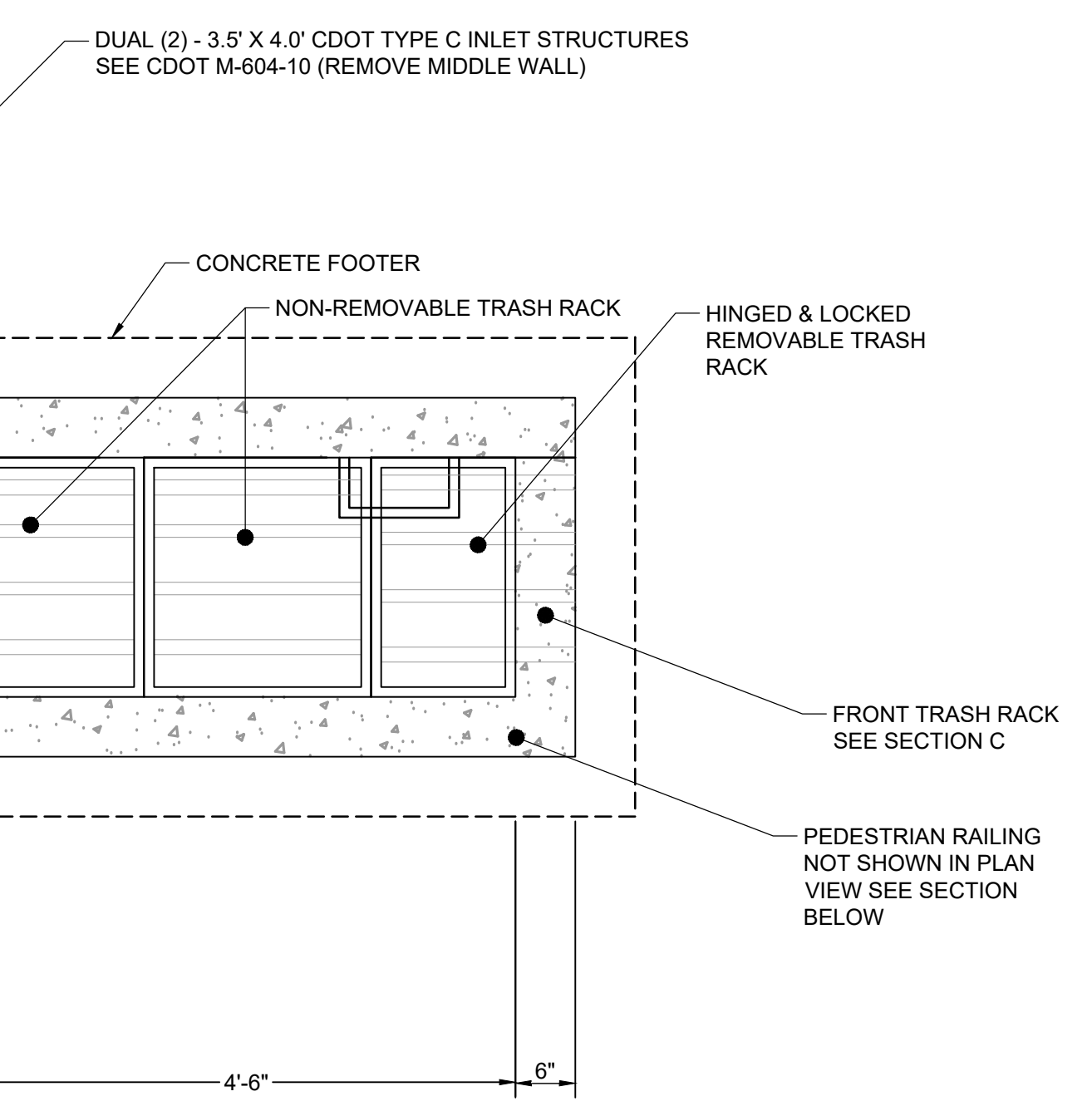
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EL PASO COUNTY, CO

CONSTRUCTION DOCUMENTS
POND B FOREBAY DETAILS

SHEET
PND
30



PLAN VIEW
 POND OUTLET STRUCTURE PLAN
 SCALE: 3/4" = 1'



*REINFORCEMENT DESIGN WILL BE PROVIDED PRIOR TO APPROVAL BY CITY OF COLORADO SPRINGS
 *REINFORCEMENT DESIGN WILL BE PROVIDED PRIOR TO APPROVAL BY CITY OF COLORADO SPRINGS

WARNING
 THIS AREA IS A STORMWATER FACILITY
 AND IS SUBJECT TO PERIODIC FLOODING

POND WARNING SIGN
 SCALE: NTS
 MINIMUM SIGN AREA = 3 FT²
 SIGNS SHALL BE FABRICATED OF DURABLE MATERIALS, SUCH AS METAL OR PLASTIC, USING RED LETTERING ON A WHITE BACKGROUND

TWO SIGNS, EACH WITH A MINIMUM AREA OF 3 SQUARE FEET, SHALL BE PROVIDED AROUND THE PERIMETER OF ALL DETENTION FACILITIES. THE SIGNS SHALL BE FABRICATED OF DURABLE MATERIALS, SUCH AS METAL OR PLASTIC, USING RED LETTERING ON A WHITE BACKGROUND WITH THE ABOVE MESSAGE



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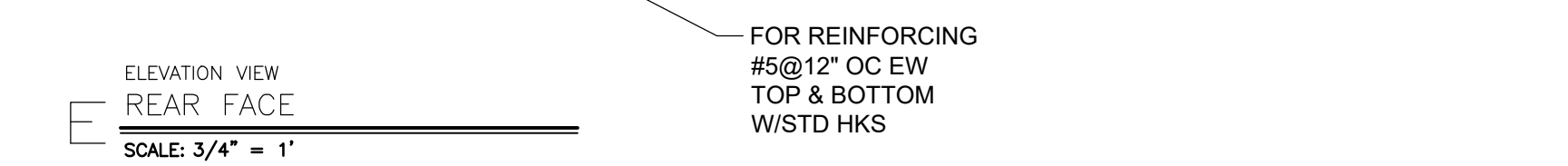
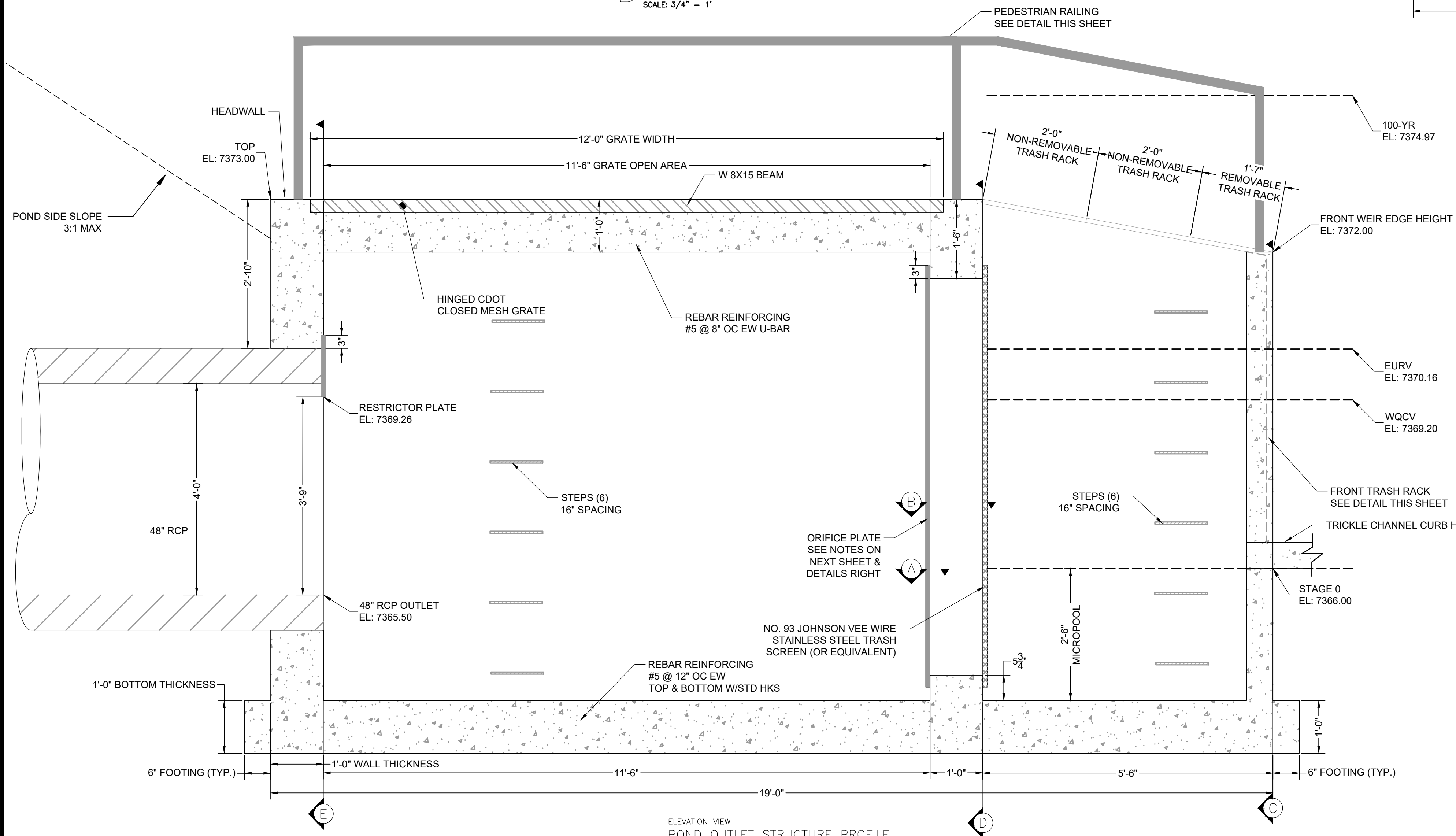
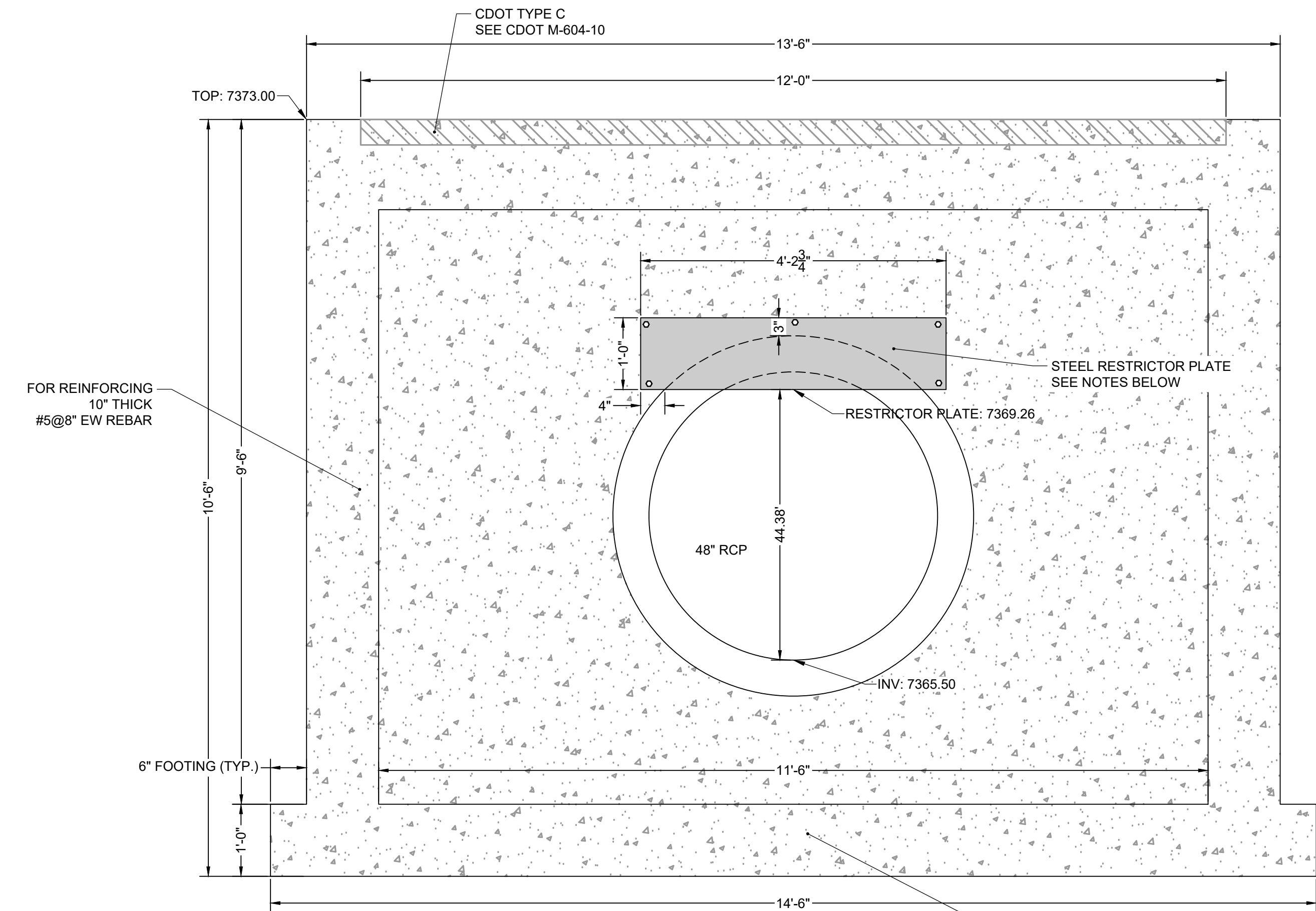
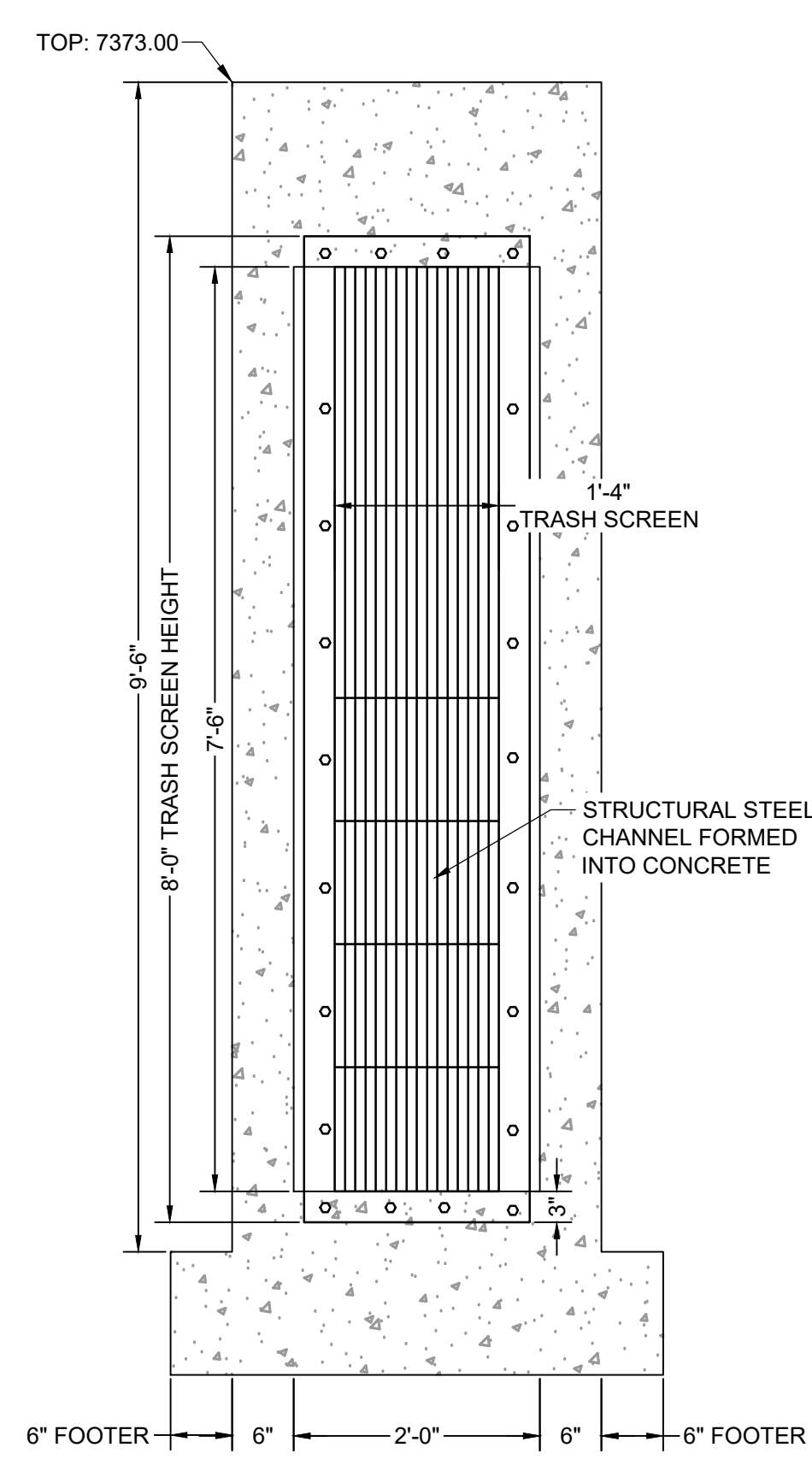
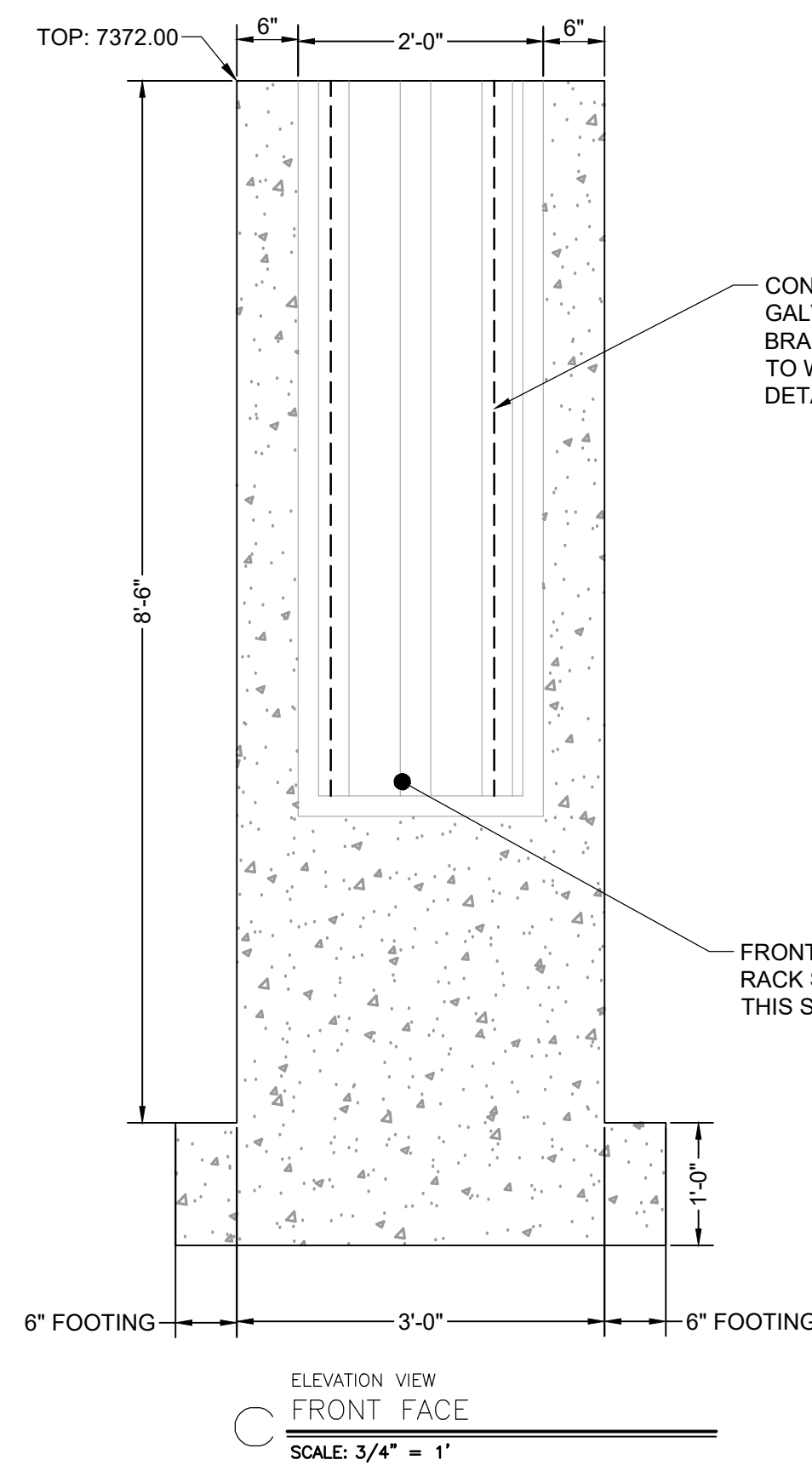
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 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS, CO 80920
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 FAX: 713.965.0044

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 EL PASO COUNTY, CO

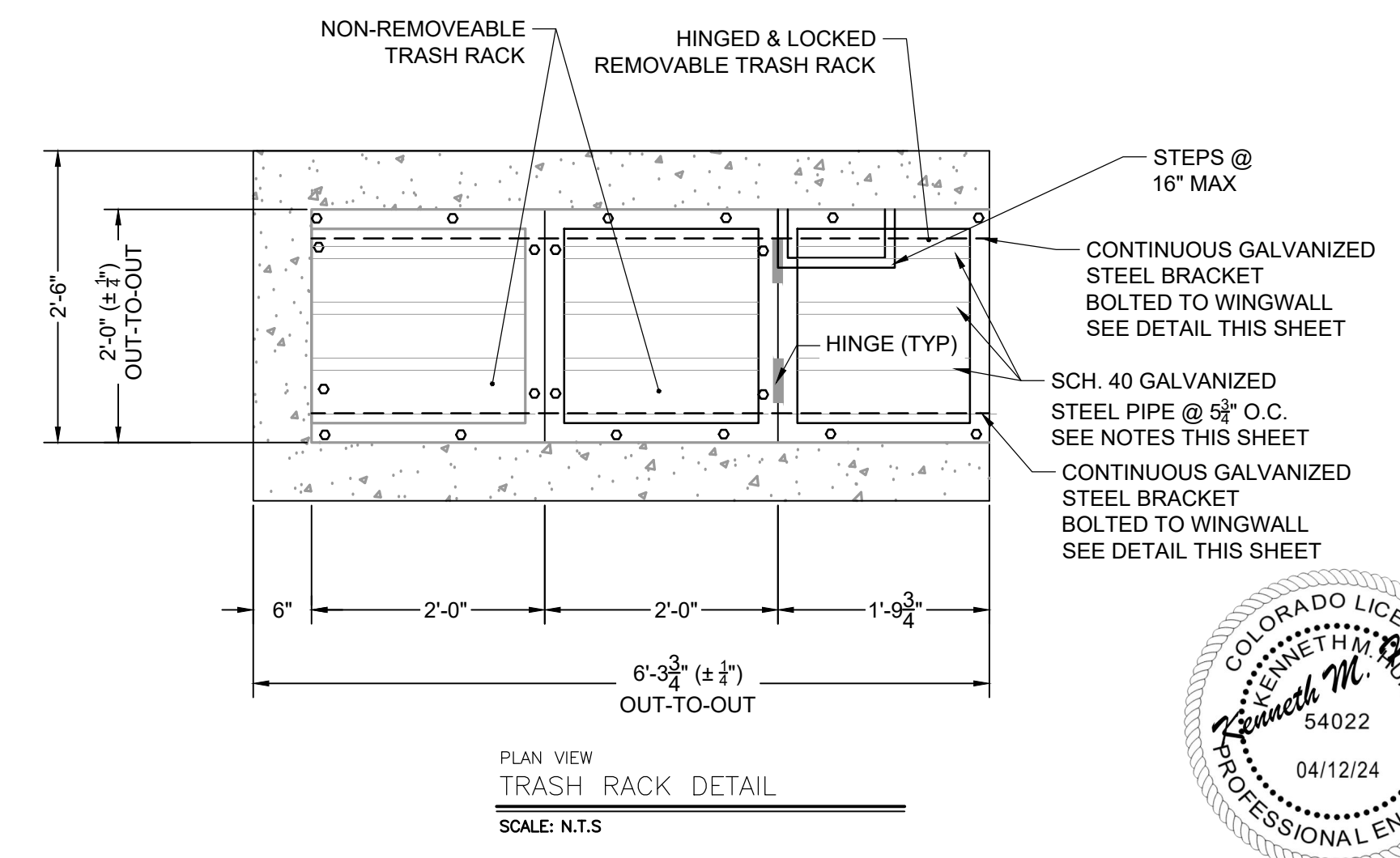
CONSTRUCTION DOCUMENTS
 POND B OUTLET STRUCTURE DETAILS

SHEET
 PND
 31

HERGER, DANIEL, 4/11/2024, 12:17 PM



- ORIFICE PLATE NOTES:**
1. PLATE TO BE 2" THICK GALVANIZED STEEL.
 2. BOLT PLATE TO CONCRETE @ 12" O.C. MAX.
 3. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE.
- TRASH SCREEN NOTES:**
1. W/ST. 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.
- TRASH RACK NOTES:**
1. TRASH RACKS SHALL BE 1" SCH. 40 STEEL PIPE, GALVANIZED, @ 8" CENTERS. SUPPORT BARS SHALL BE 2" X 2" STEEL RECTANGULAR BARS, GALVANIZED, @ 30". ALL TRASH RACKS SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE.
 2. REMOVABLE TRASH RACK SECTIONS SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE AND PROVIDED WITH HINGED & LOCKABLE OR BOLT TABLE ACCESS PANELS AS SHOWN ON THIS PLAN.
 3. STEEL TRASH RACKS SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.
 4. STRUCTURAL STEEL FOR GRATES, ORIFICE PLATES, AND BARS SHALL BE GALVANIZED AND SHALL BE IN ACCORDANCE WITH CDOT STANDARD SPECIFICATIONS, SUBSECTION 712.02.
 5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL PLATES AND GRATING FOR ENGINEERS APPROVAL, PRIOR TO CONSTRUCTION.
- RESTRICTOR PLATE NOTES:**
1. 2" THICK RESTRICTOR PLATE, GALVANIZED STEEL.
 2. BOLT PLATE TO CONCRETE @ 12" O.C. MAX.
 3. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN PLATE AND CONCRETE.



DRAWN BY: DLH JOB DATE: 2/29/2024 BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: RDL JOB NUMBER: 211030 0
CAD DATE: 4/11/2024 IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
CAD FILE: J:\2021\211030\CAD\DWG\C\Estates_CDs\Outlet_Structure_Details

NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

**FLYING HORSE NORTH FILING 3
PRI #2, LLC.**
EL PASO COUNTY, CO

CONSTRUCTION DOCUMENTS
POND B OUTLET STRUCTURE DETAILS 2

SHEET
PND
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PCD FILE NO.: SF2326