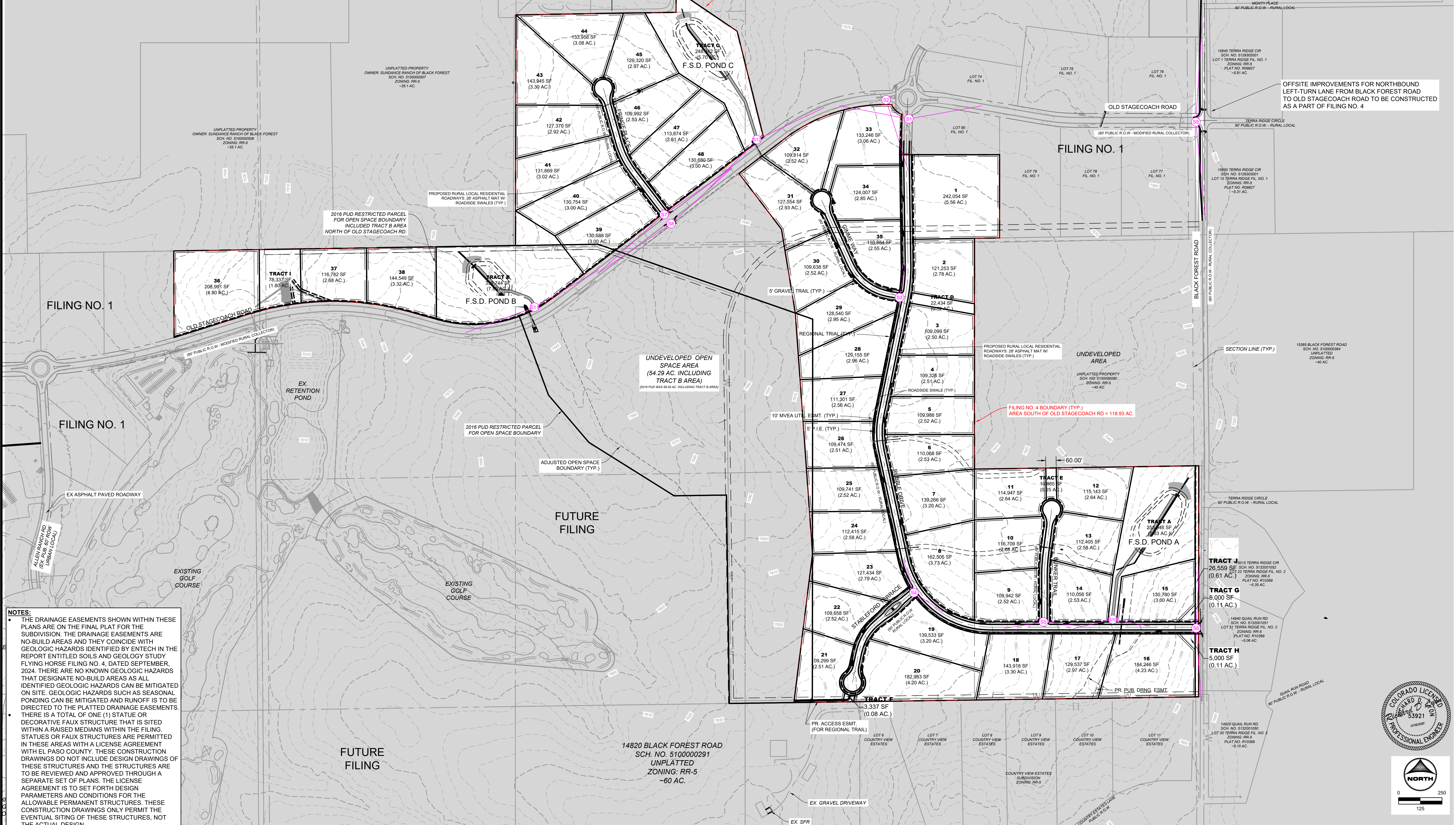


INTERSECTION SIGHT DISTANCE TABLE				
LOCATION ID	MINOR STREET	MAJOR STREET	SIGHT DISTANCE LEFT (FT)	SIGHT DISTANCE RIGHT (FT)
S1	RURAL LOCAL	RURAL COLLECTOR	405	425
S2	RURAL COLLECTOR	RURAL LOCAL	-	425
S3	RURAL LOCAL	RURAL LOCAL	205	184
S4	RURAL LOCAL	RURAL LOCAL	300	300
S5	RURAL LOCAL	RURAL LOCAL	215	215
S6	RURAL LOCAL	RURAL COLLECTOR	425	425
S7	RURAL LOCAL	RURAL COLLECTOR	474	507
S8	RURAL LOCAL	RURAL COLLECTOR	474	507
S9	RURAL COLLECTOR	RURAL MINOR ARTERIAL	570	570
S10	MAINT. PATH	RURAL LOCAL	200	184
S11	MAINT. PATH	RURAL COLLECTOR	425	425
S12	MAINT. PATH	RURAL COLLECTOR	425	425



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. 4, DATED SEPTEMBER, 2024. 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 IS A TOTAL OF ONE (1) STATUE OR DECORATIVE FAUX STRUCTURE THAT IS SITED WITHIN A RAISED MEDIANS WITHIN THE FILING. STATUES OR FAUX 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: RDL JOB DATE: 11/1/2024
 APPROVED: RDL JOB NUMBER: 211030.240
 CAD DATE: 12/5/2024
 CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing_No_4\Site_Plan

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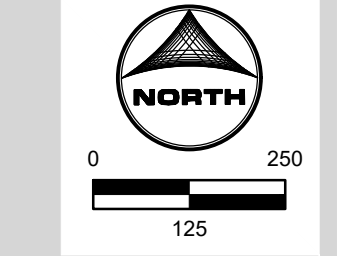
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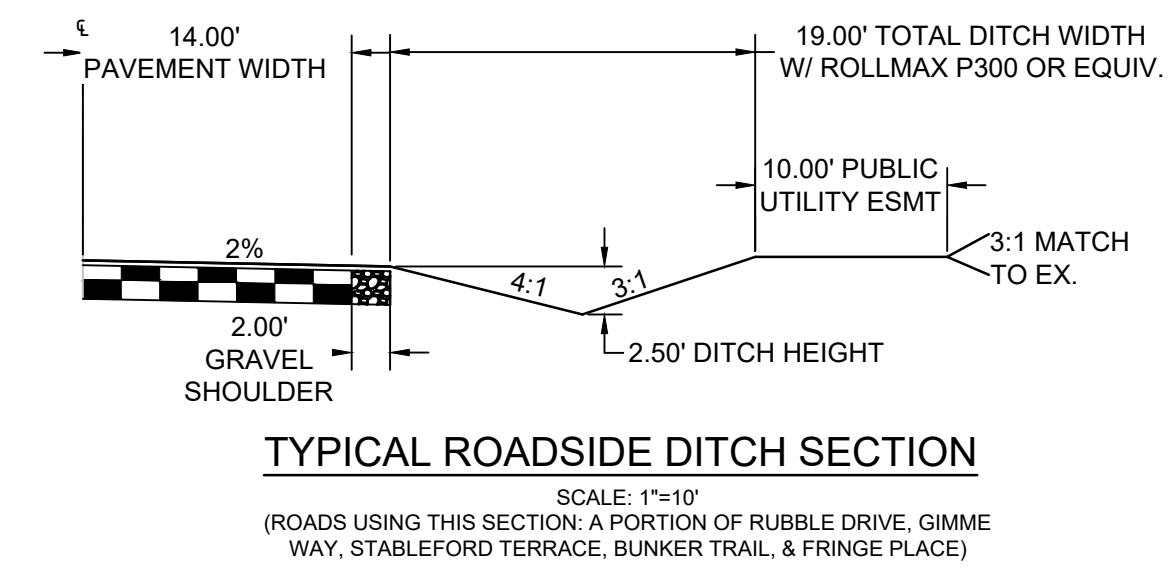
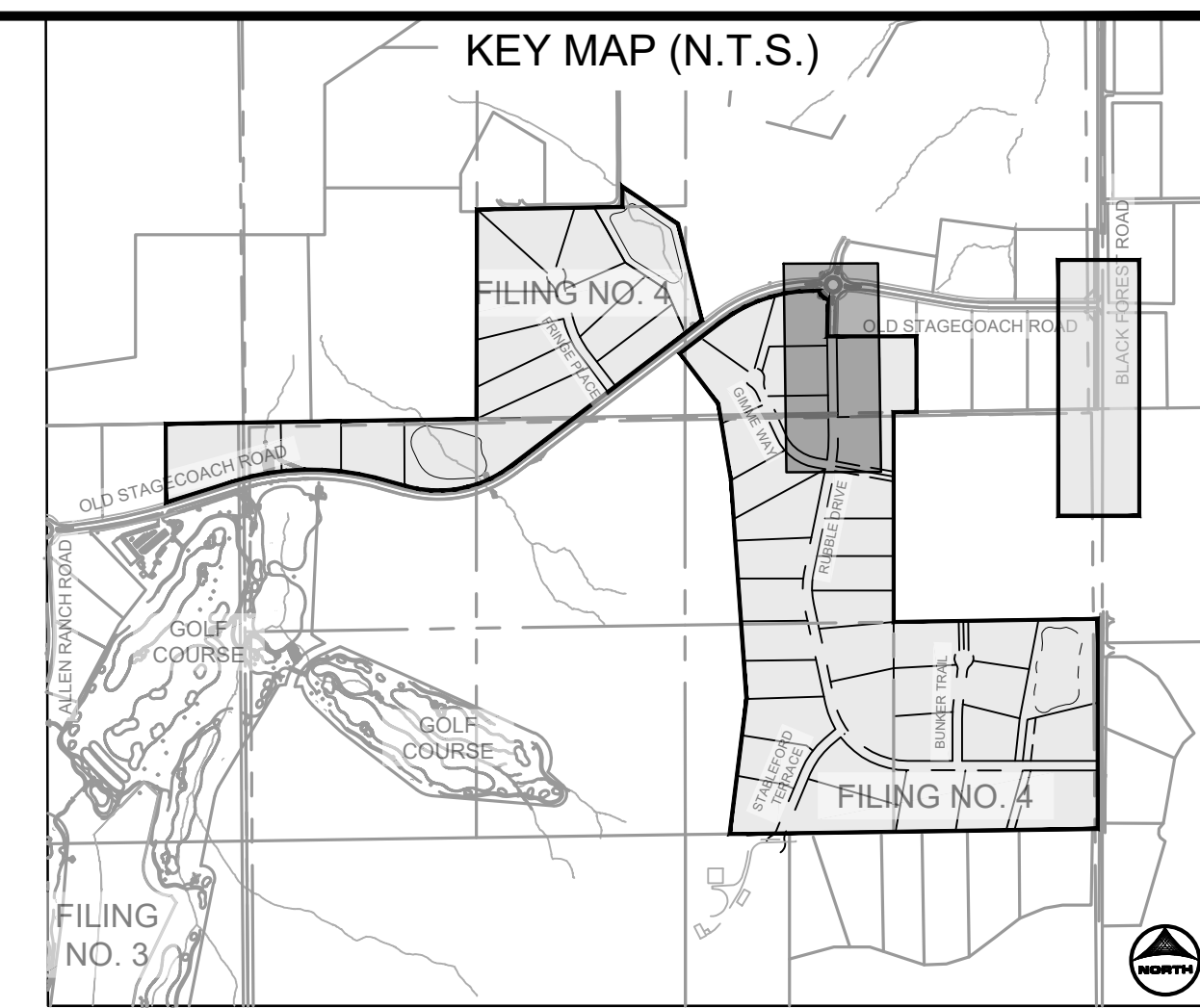
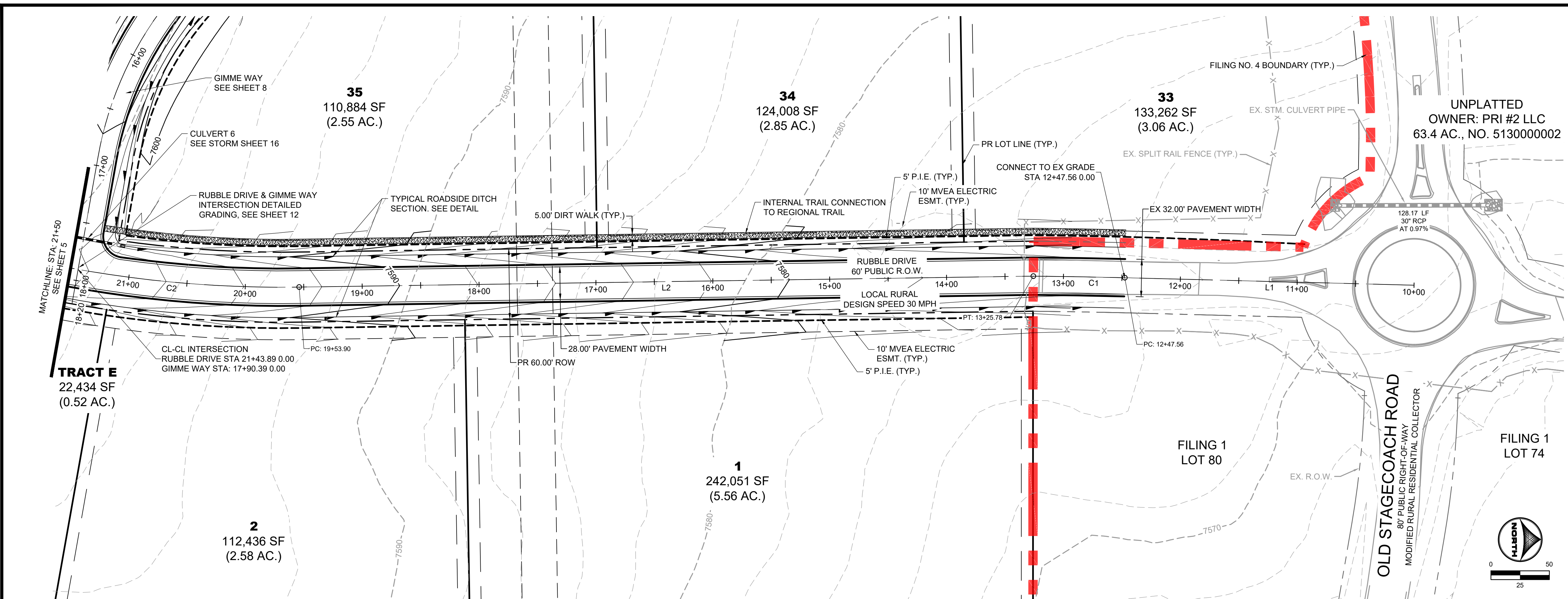
HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 160
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 719.965.0044

**FLYING HORSE NORTH FILING 4
 PRI #2, LLC.
 EL PASO COUNTY, CO**

CONSTRUCTION DRAWINGS
 OVERALL SITE PLAN

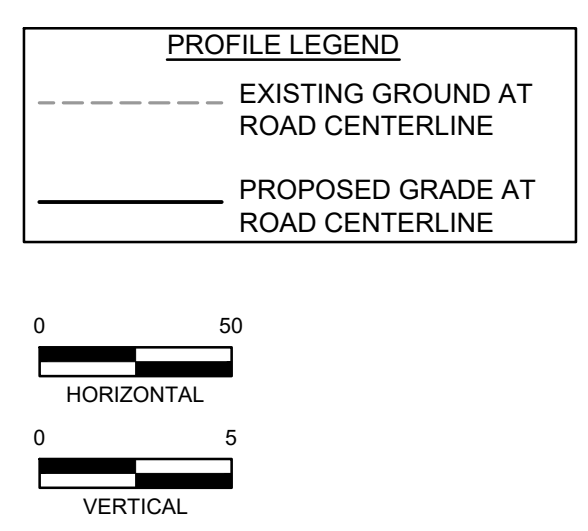
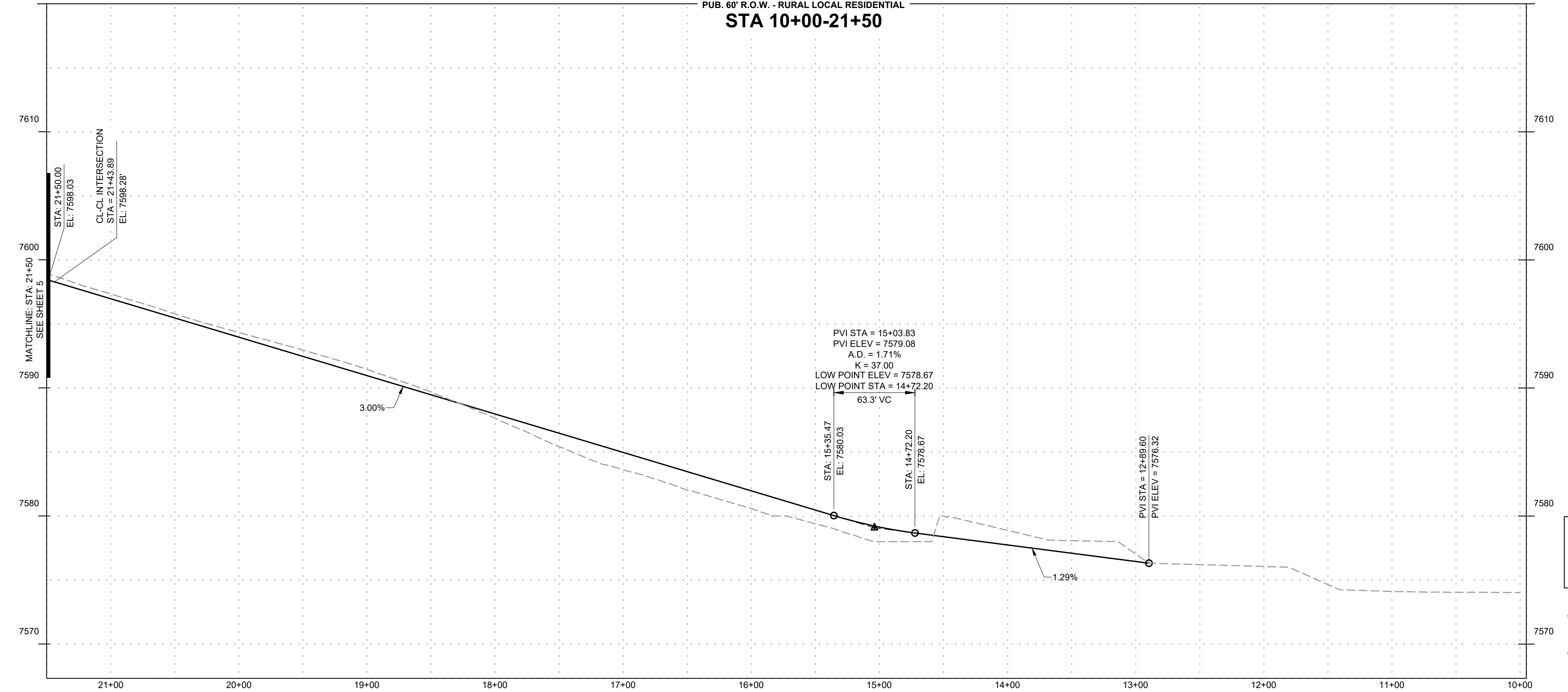
SHEET
 SP
 3





RUBBLE DRIVE
PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL
STA 10+00-21+50

RUBBLE DRIVE					
TAG NO.	RADIUS	LENGTH	LINE/CHORD DIRECTION	BEG. NORTHING/EASTING	END NORTHING/EASTING
L1		247.56'	S1° 28' 14.72"W	N:447894.06, E:226705.73	N:447646.59, E:226699.37
C1	5000.00'	78.22'	S1° 01' 21.23"W	N:447646.59, E:226699.37	N:447568.38, E:226697.98
L2		628.12'	S0° 51' 28.87"E	N:447568.38, E:226697.98	N:446940.33, E:226707.38
C2	1000.00'	217.67'	S5° 22' 39.75"W	N:446940.33, E:226707.38	N:446724.04, E:226687.02
L3		664.39'	S11° 36' 48.37"W	N:446724.04, E:226687.02	N:446073.25, E:226553.27
C3	500.00'	207.42'	S0° 16' 15.67"E	N:446073.25, E:226553.27	N:445867.31, E:226554.25
L4		634.05'	S12° 09' 19.70"E	N:445867.31, E:226554.25	N:445247.48, E:226687.76
C4	500.00'	186.79'	S22° 51' 28.49"E	N:445247.48, E:226687.76	N:445076.35, E:226759.90
C5	500.00'	492.40'	S61° 46' 21.57"E	N:445076.35, E:226759.90	N:444852.76, E:227176.42
L5		315.35'	S89° 59' 05.88"E	N:444852.76, E:227176.42	N:444852.68, E:227491.77
L6		910.59'	S89° 59' 05.88"E	N:444852.68, E:227491.77	N:444852.44, E:228402.36
L7		24.86'	S89° 59' 05.88"E	N:444852.44, E:228402.36	N:444852.43, E:228427.22



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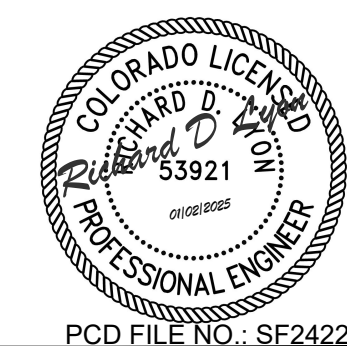
NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 160
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
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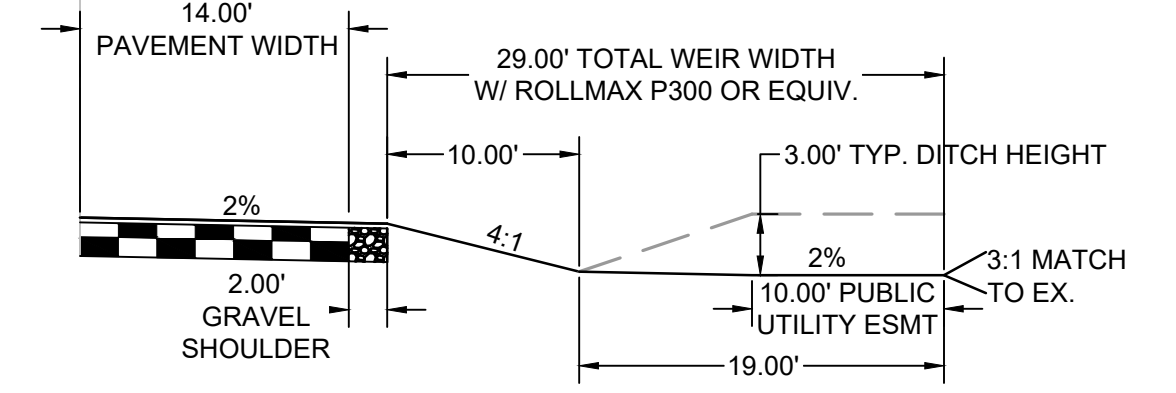
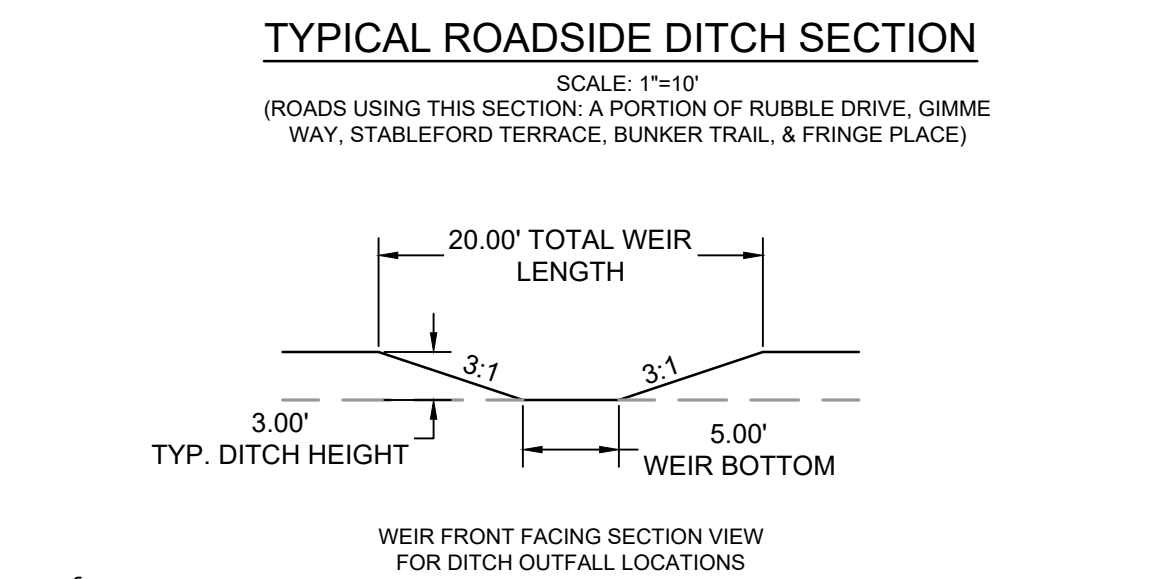
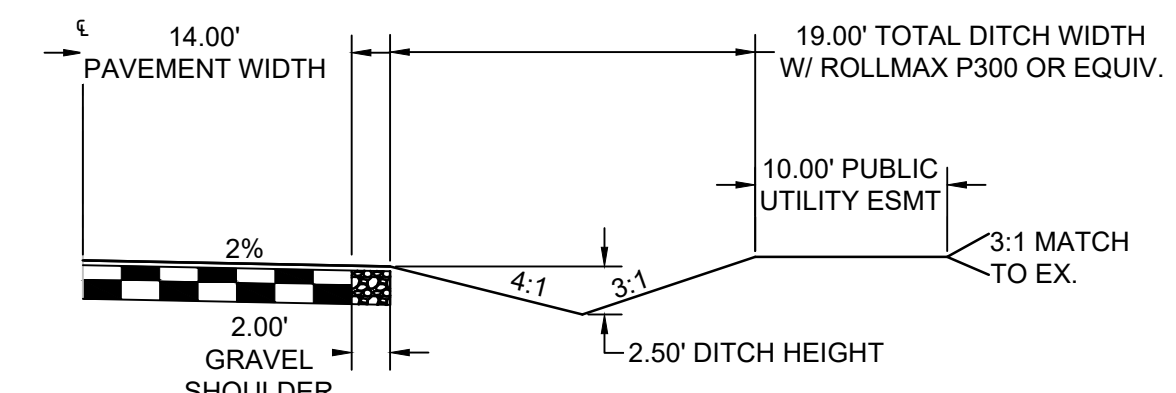
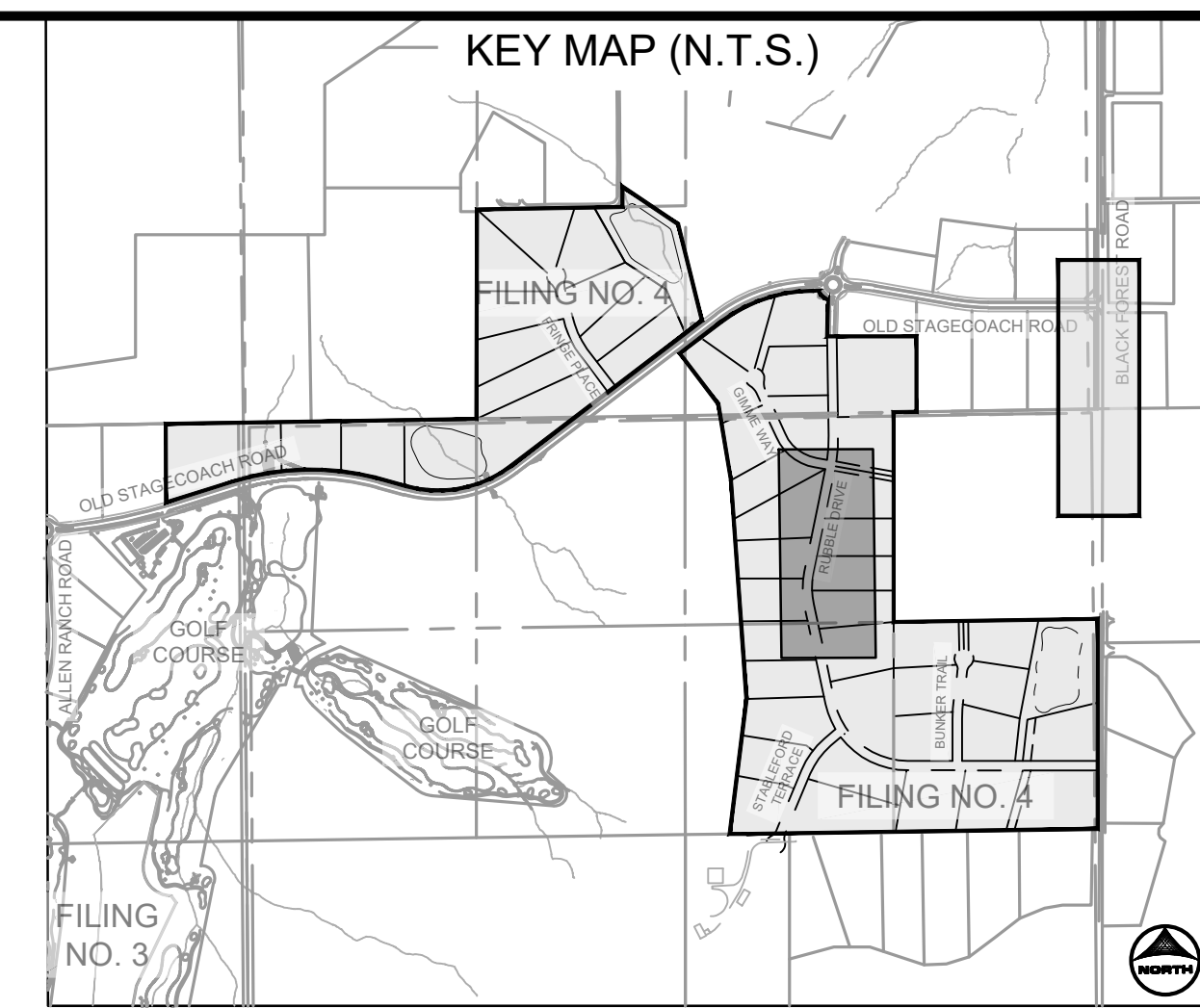
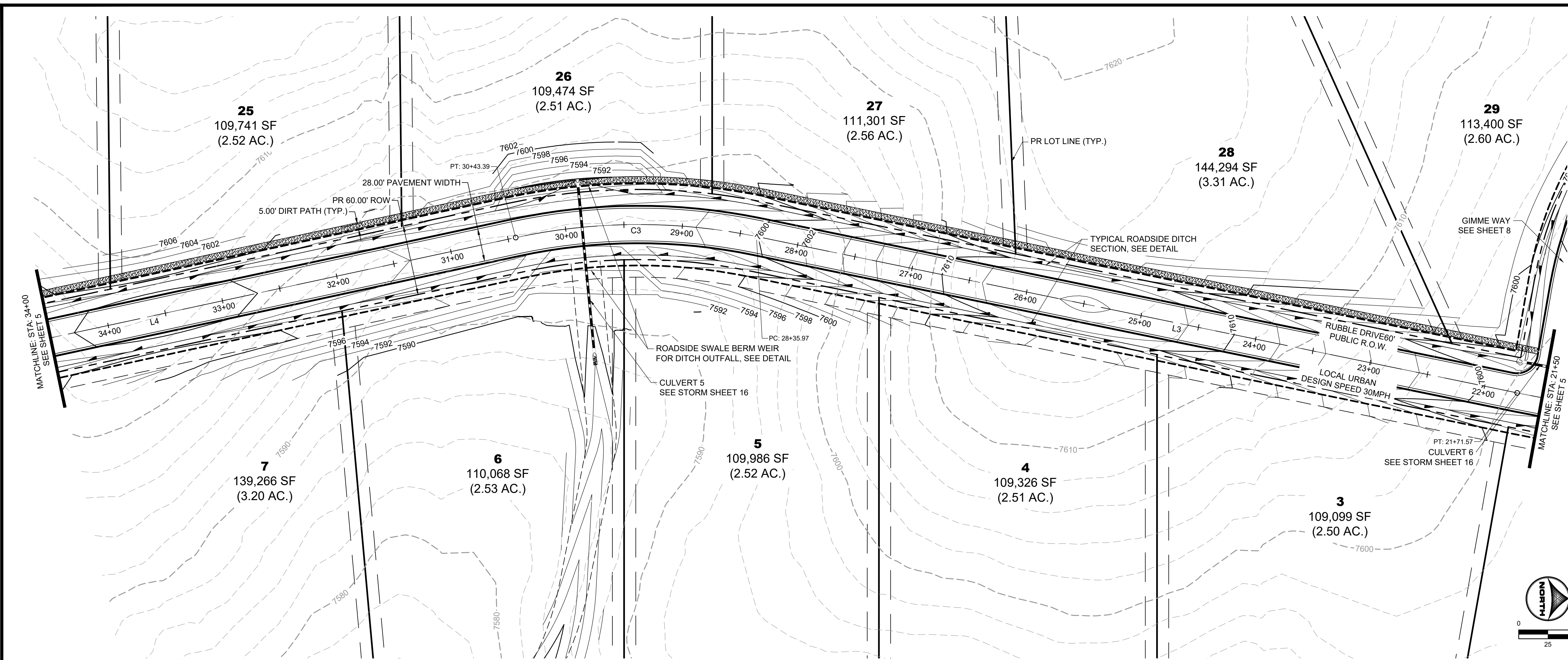
FLYING HORSE NORTH FILING 4
PRI #2, LLC.
 EL PASO COUNTY, CO

STREET PLAN & PROFILES
RUBBLE DRIVE

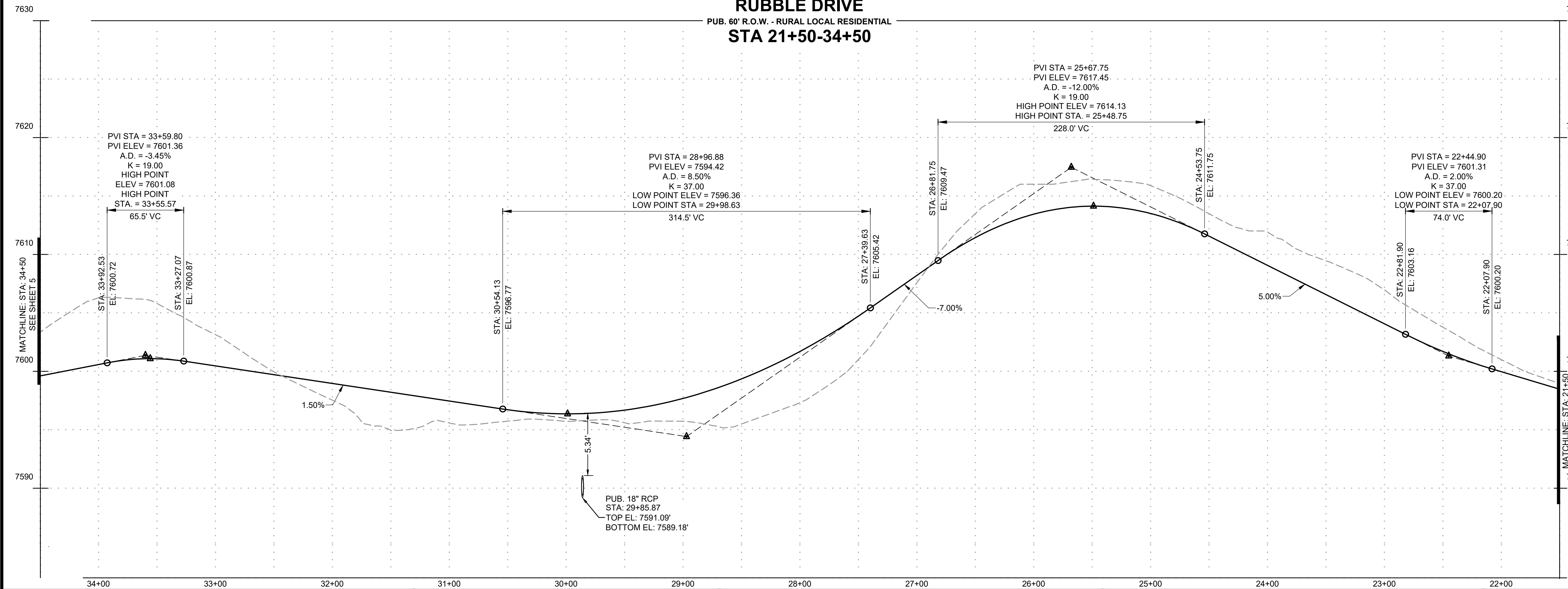
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PCD FILE NO.: SF2422



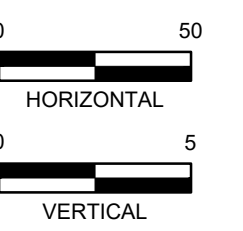
RUBBLE DRIVE
PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL
STA 21+50-34+50



WEIR PROFILE SECTION VIEW
ROADSIDE DITCH OUTFALL WEIR
SCALE: 1"=10'

PROFILE LEGEND

- EXISTING GROUND AT ROAD CENTERLINE
- PROPOSED GRADE AT ROAD CENTERLINE



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APPROVED: RDL	JOB NUMBER: 211030.240
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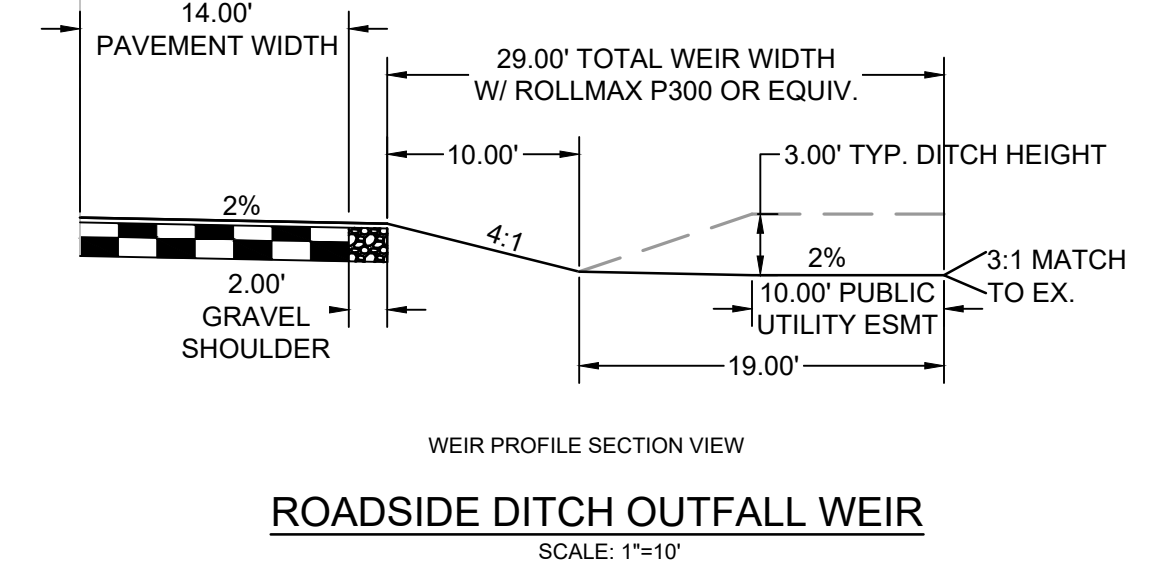
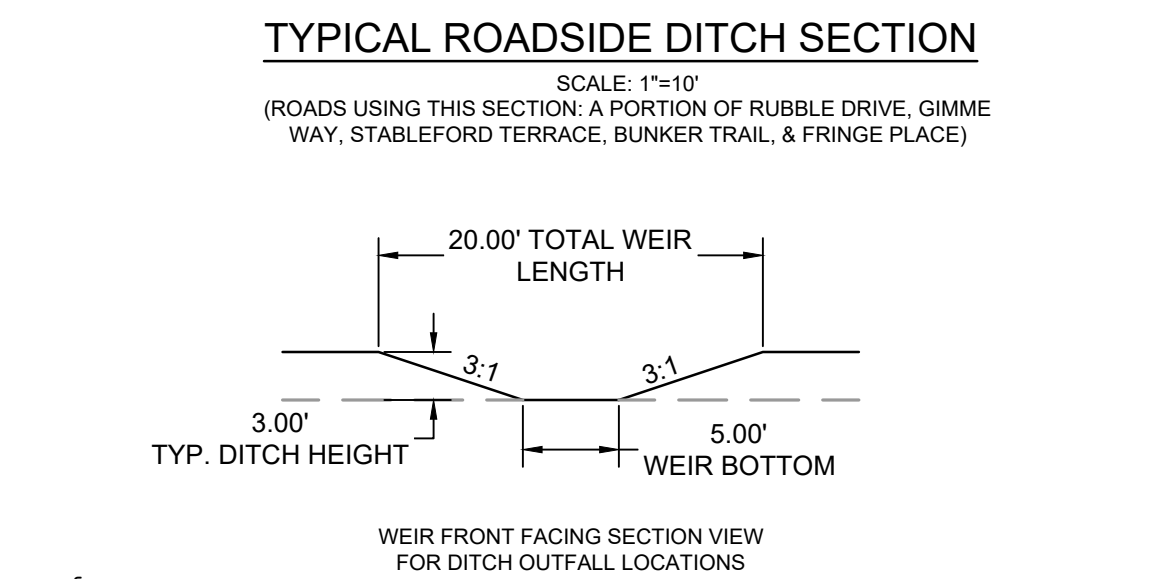
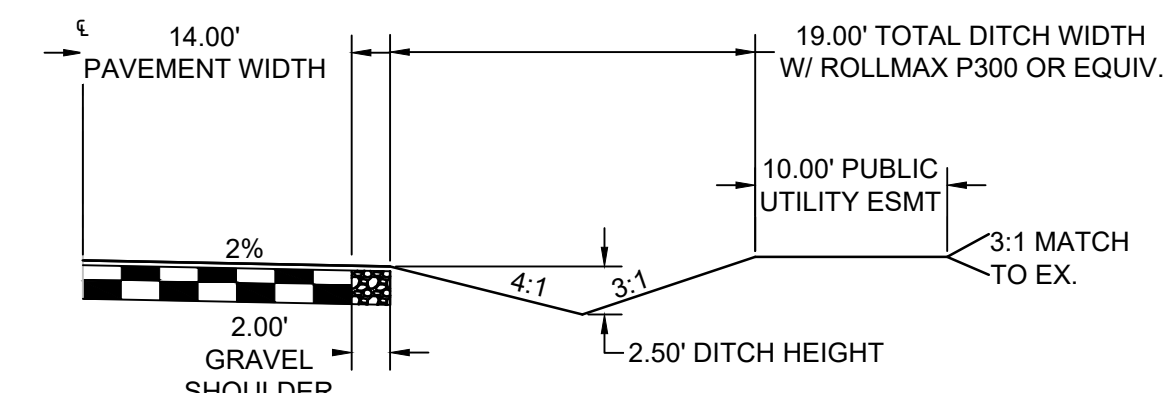
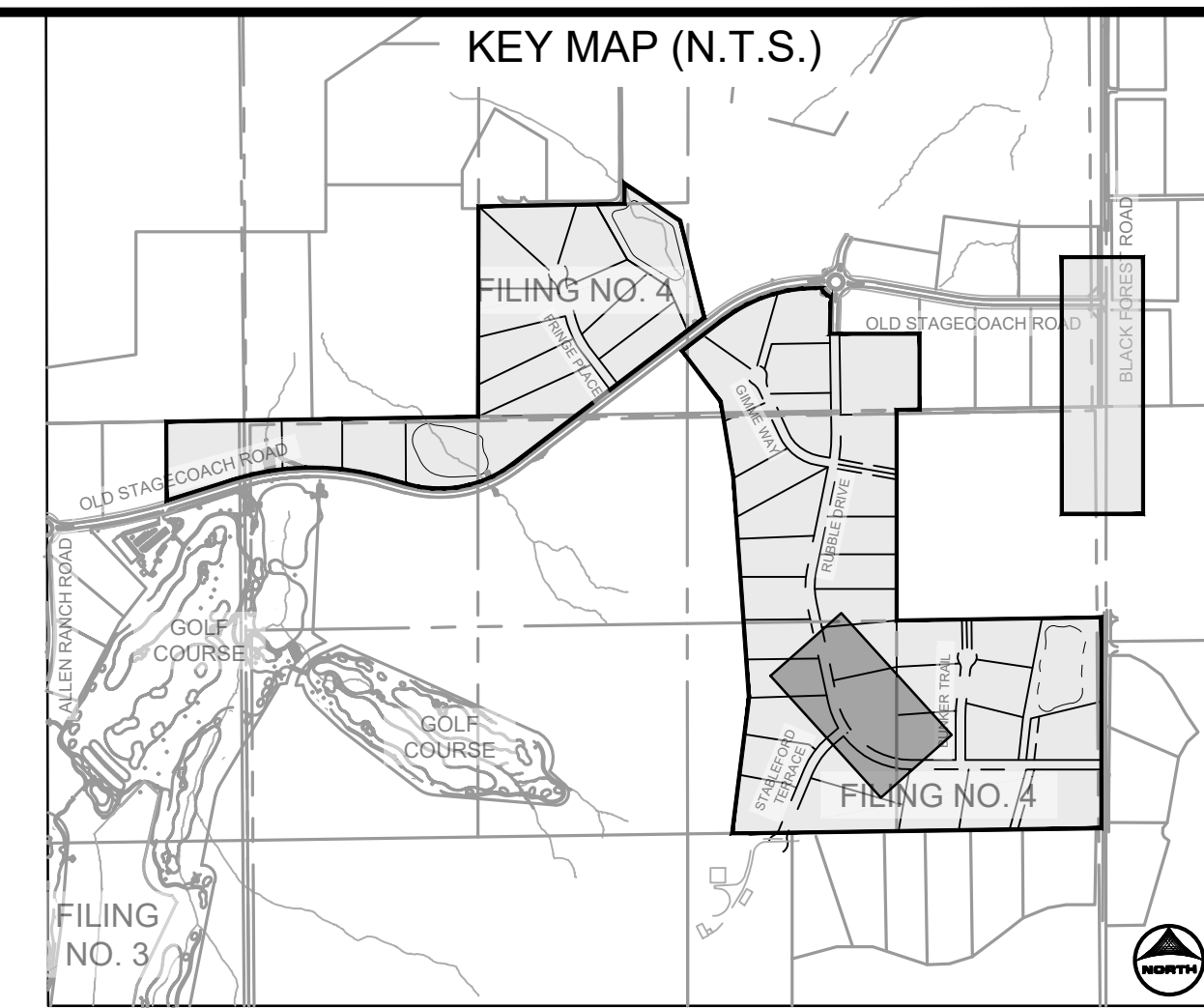
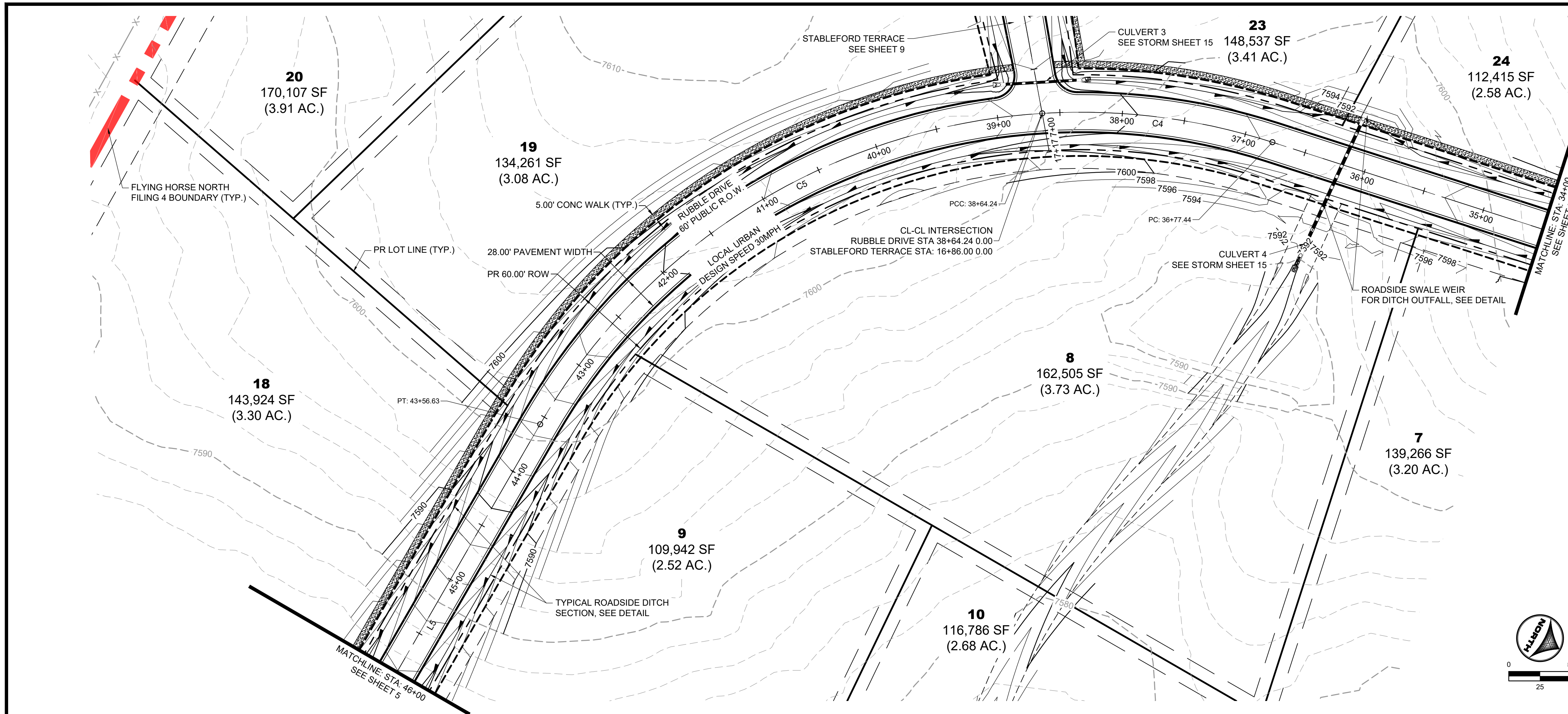
NO.	DATE	BY	REVISION DESCRIPTION

HRGreen COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

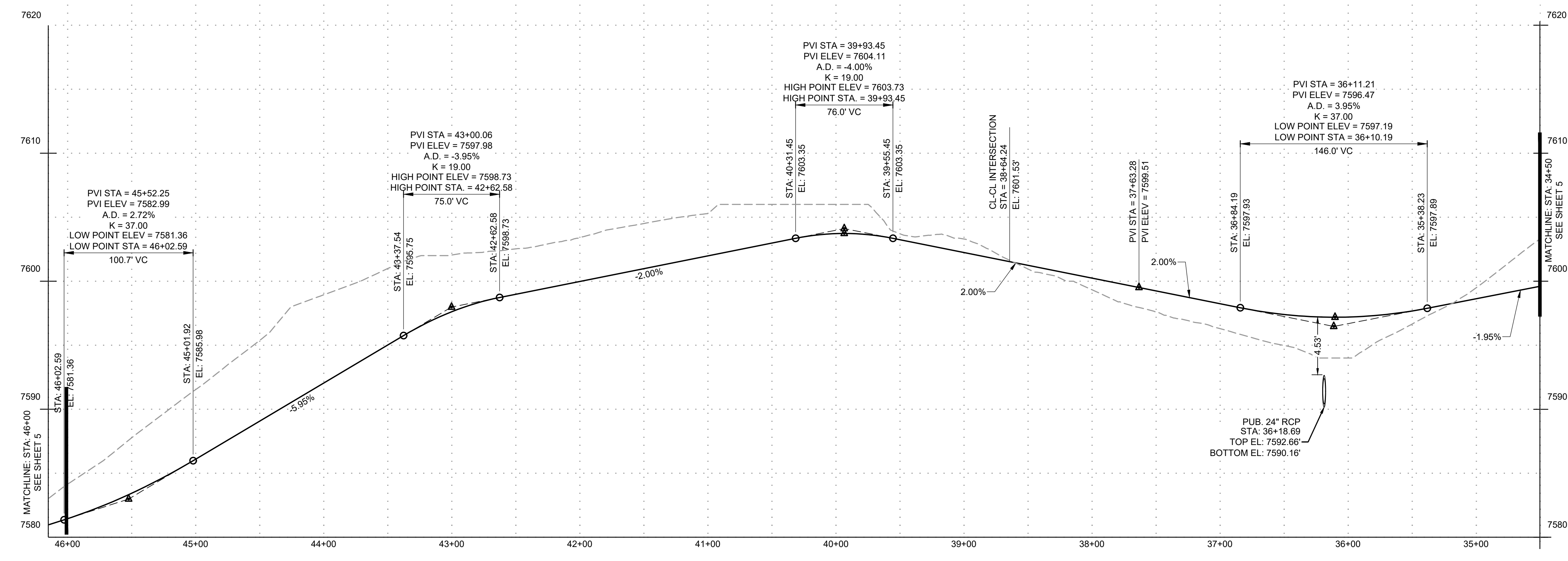
FLYING HORSE NORTH FILING 4
PRI #2, LLC.
EL PASO COUNTY, CO

STREET PLAN & PROFILES
RUBBLE DRIVE

SHEET
ST **5**

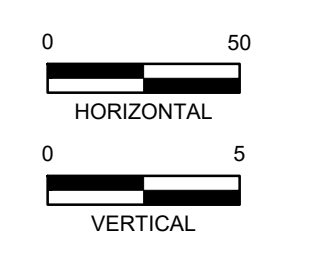


RUBBLE DRIVE
PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL
STA 34+50-46+15



PROFILE LEGEND

- EXISTING GROUND AT ROAD CENTERLINE
- PROPOSED GRADE AT ROAD CENTERLINE



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 APPROVED: RDL JOB NUMBER: 211030.240 0" = 11'
 CAD DATE: 12/5/2024 IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
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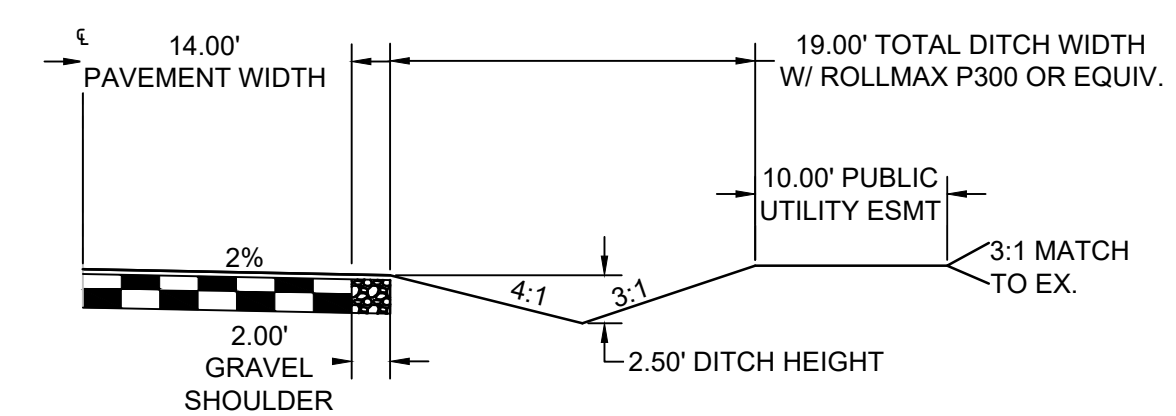
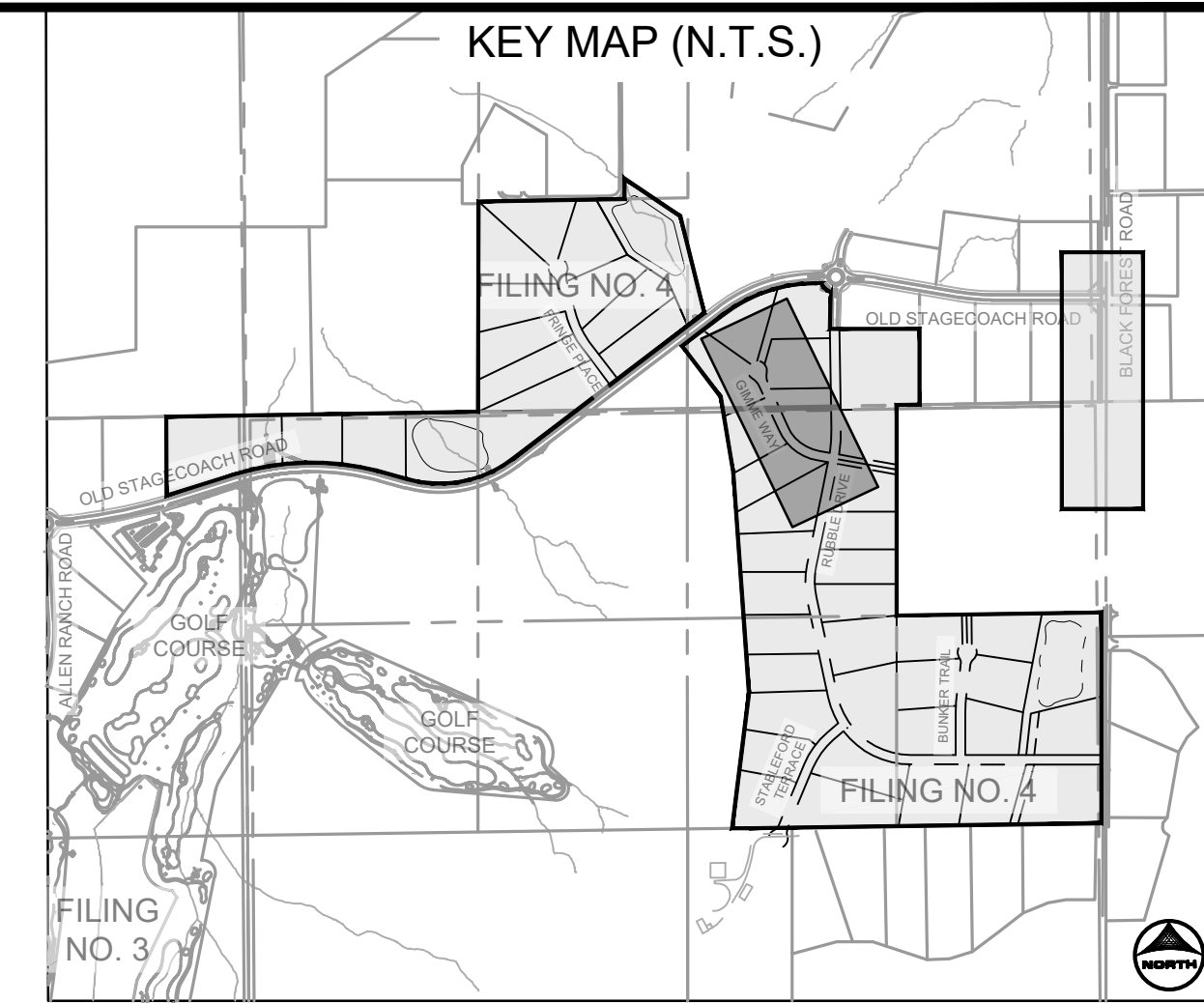
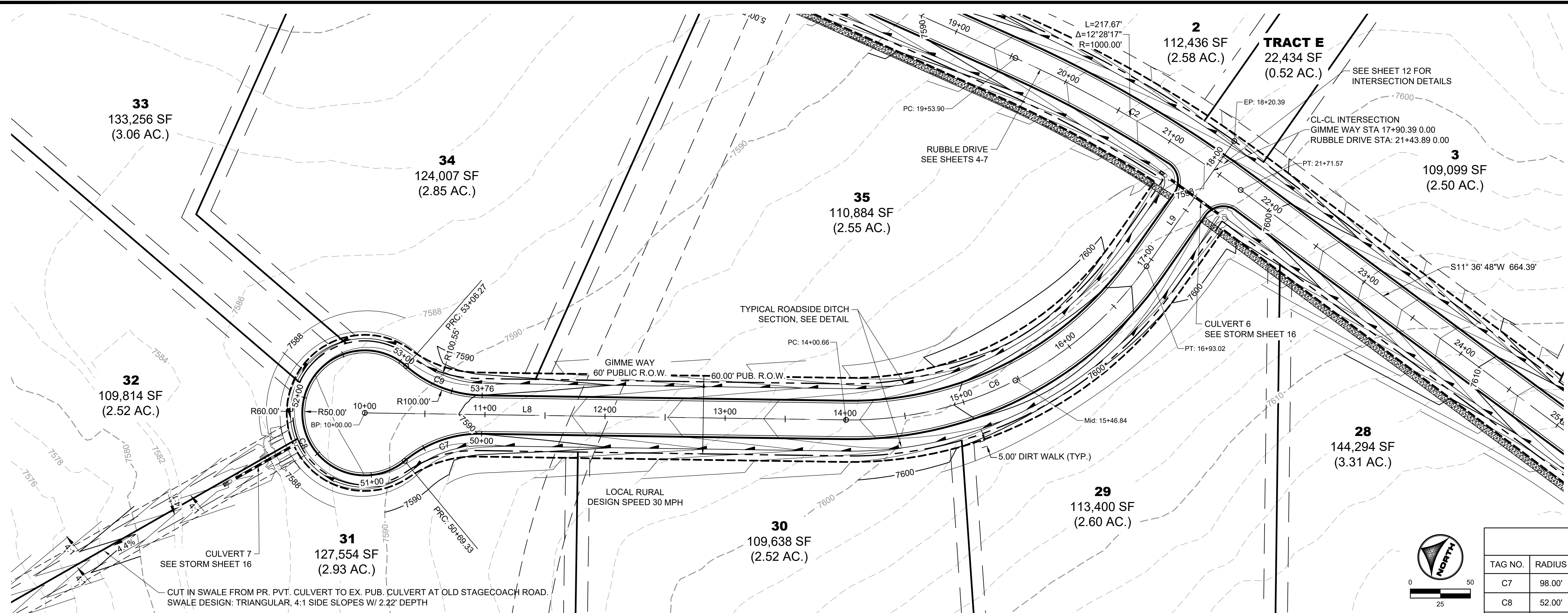
HRGreen HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 160
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

FLYING HORSE NORTH FILING 4
PRI #2, LLC.
 EL PASO COUNTY, CO

STREET PLAN & PROFILES
RUBBLE DRIVE

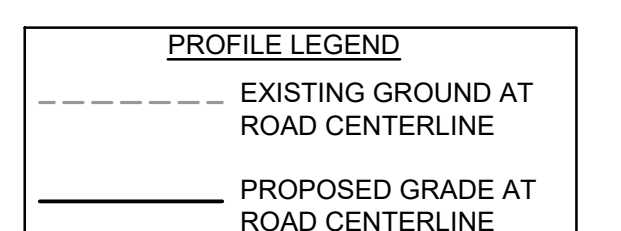
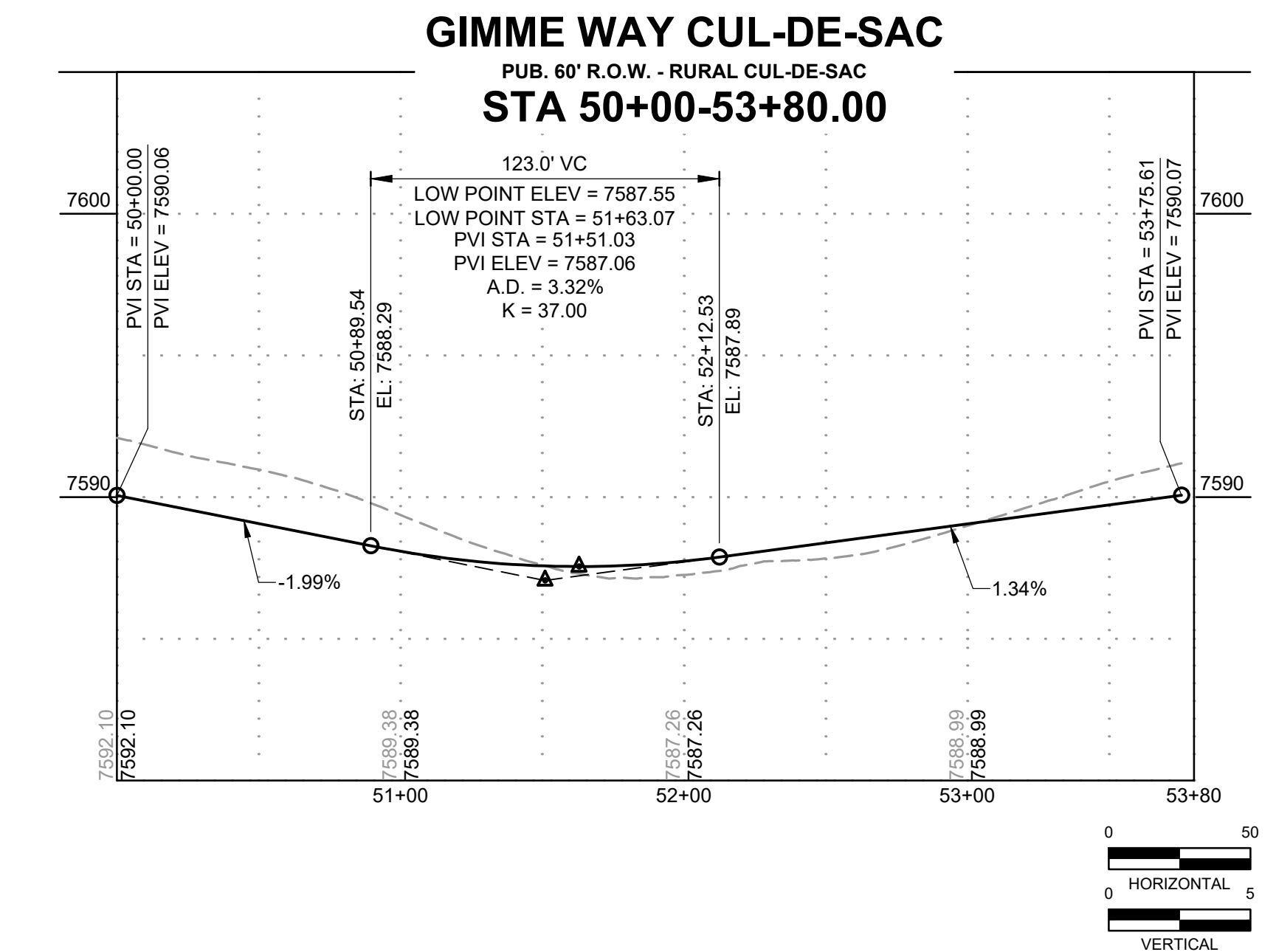
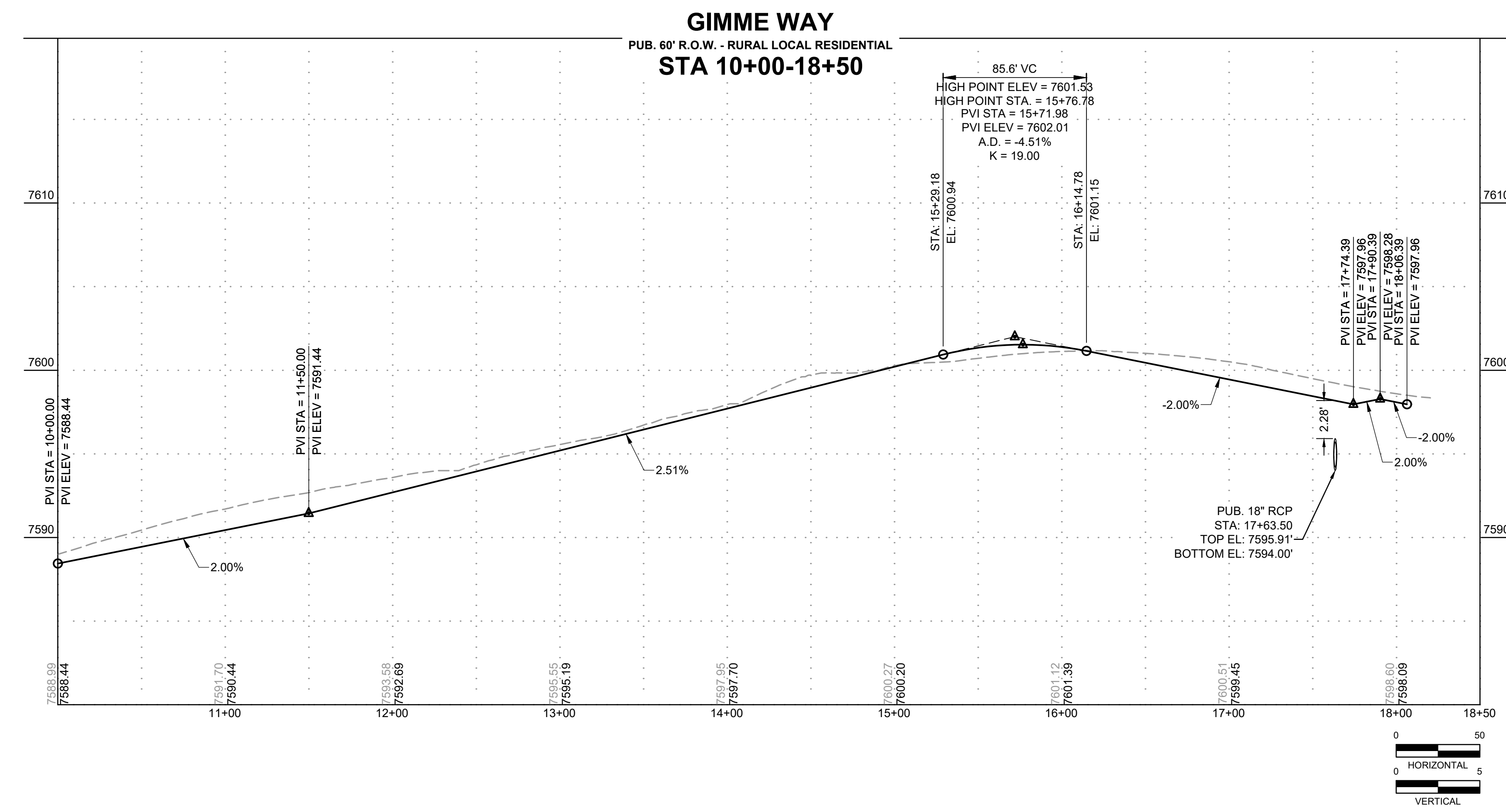
SHEET
ST **6**





TAG NO.	RADIUS	LENGTH	LINE/CHORD DIRECTION	BEG. NORTHING/EASTING	END NORTHING/EASTING
C7	98.00'	69.33'	N44° 25' 51.34"W	N:447210.89, E:226236.02	N:447259.37, E:226188.49
C8	52.00'	236.94'	N65° 50' 13.11"E	N:447259.37, E:226188.49	N:447291.73, E:226260.61
C9	98.00'	69.33'	S3° 53' 42.45"E	N:447291.73, E:226260.61	N:447223.99, E:226265.22

TAG NO.	RADIUS	LENGTH	LINE/CHORD DIRECTION	BEG. NORTHING/EASTING	END NORTHING/EASTING
C7	98.00'	69.33'	N44° 25' 51.34"W	N:447210.89, E:226236.02	N:447259.37, E:226188.49
C8	52.00'	236.94'	N65° 50' 13.11"E	N:447259.37, E:226188.49	N:447291.73, E:226260.61
C9	98.00'	69.33'	S3° 53' 42.45"E	N:447291.73, E:226260.61	N:447223.99, E:226265.22



DRAWN BY: RDL JOB DATE: 10/30/2024
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 CAD DATE: 12/5/2024
 CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing_No_4\Street_B_PNP

NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 160
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

FLYING HORSE NORTH FILING 4
PRI #2, LLC.
 EL PASO COUNTY, CO

STREET PLAN & PROFILES
 GIMME WAY

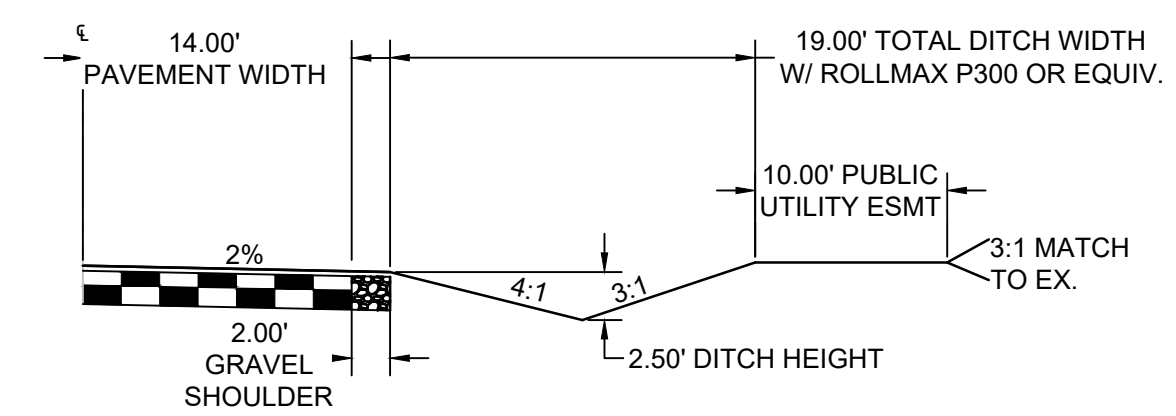
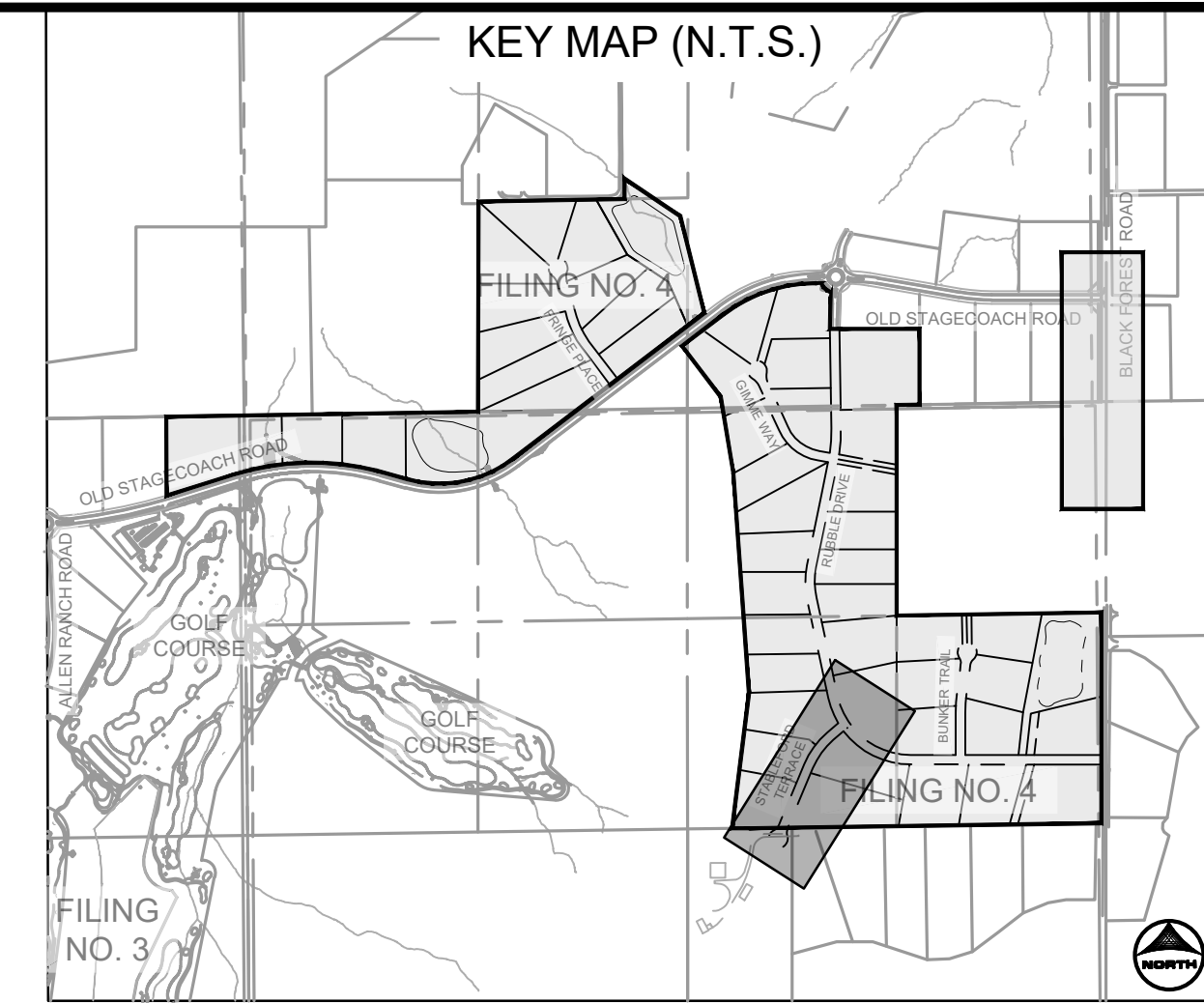
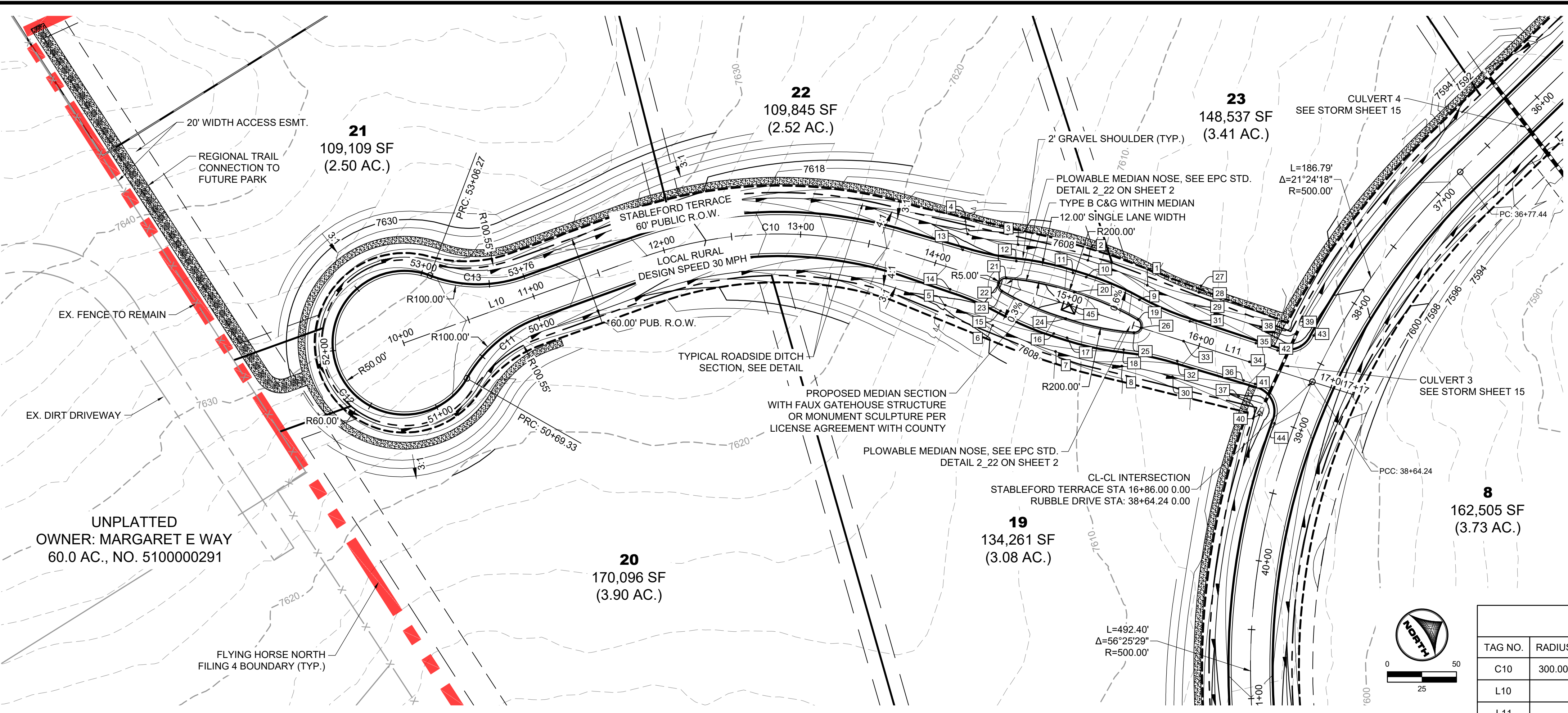
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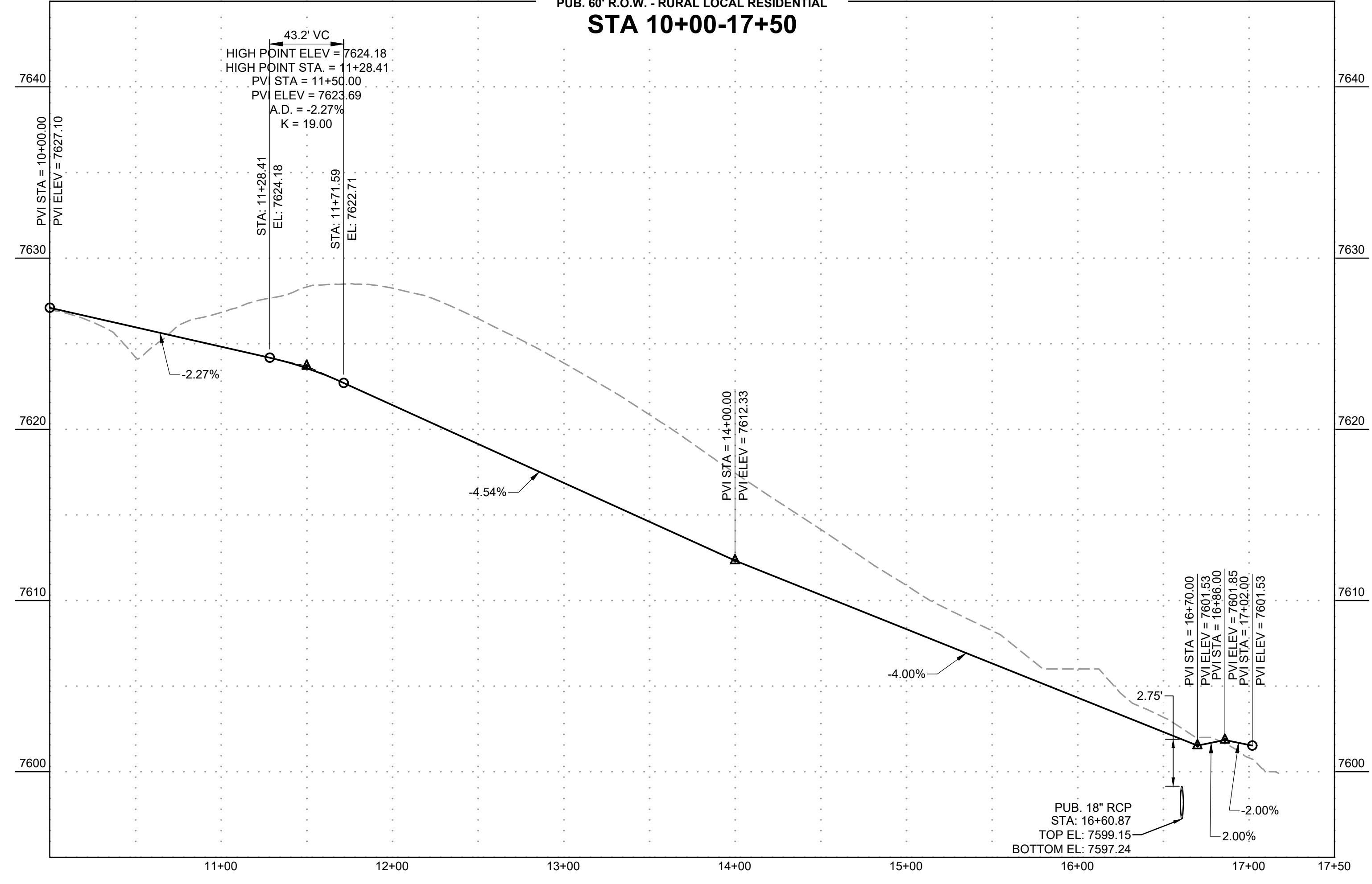
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3	SWALE FL	STA. 14+53.10	30.66' L	7607.04
4	SWALE FL	STA. 14+15.97	27.00' L	7608.52
5	SWALE FL	STA. 14+15.97	27.00' R	7608.52
6	SWALE FL	STA. 14+53.10	30.66' R	7607.04
7	SWALE FL	STA. 15+02.08	35.00' R	7605.09
8	SWALE FL	STA. 15+51.05	30.66' R	7603.14
9	EOP	STA. 15+48.71	18.89' L	7605.75
10	EOP	STA. 15+07.09	23.00' L	7607.41
11	EOP	STA. 14+97.07	23.00' L	7607.80
12	EOP	STA. 14+55.45	18.89' L	7609.47
13	EOP	STA. 14+15.97	15.00' L	7611.37
14	EOP	STA. 14+15.97	15.00' R	7611.37
15	EOP	STA. 14+55.45	18.89' R	7609.47
16	EOP	STA. 14+97.07	23.00' R	7607.80
17	EOP	STA. 15+07.09	23.00' R	7607.41
18	EOP	STA. 15+48.71	18.89' R	7605.75
19	FL	STA. 15+52.07	4.87' L	7605.70
20	FL	STA. 15+02.07	10.00' L	7607.72
21	FL	STA. 14+52.07	4.87' L	7609.74
22	FL	STA. 14+48.19	0.00'	7610.08
23	FL	STA. 14+52.07	4.87' R	7609.74
24	FL	STA. 15+02.07	10.00' R	7607.72
25	FL	STA. 15+52.07	4.87' R	7605.70
26	FL	STA. 15+55.94	0.00'	7605.77
27	SW	STA. 15+88.29	42.00' L	7604.71
28	SW	STA. 15+88.18	36.94' L	7604.67
29	SWALE FL	STA. 15+88.18	27.00' L	7601.66
30	SWALE FL	STA. 15+88.28	27.00' R	7601.65
31	EOP	STA. 15+88.18	15.00' L	7604.19
32	EOP	STA. 15+88.18	15.00' R	7604.19
33	CL TRANSITION	STA. 15+88.18	0.00'	7604.48
34	CL TRANSITION	STA. 16+38.18	0.00'	7602.48
35	EOP TRANSITION	STA. 16+38.62	14.26' L	7602.18
36	EOP TRANSITION	STA. 16+38.18	14.18' R	7602.20
37	SWALE FL	STA. 16+38.18	26.00' R	7599.71
38	SWALE FL	STA. 16+38.18	26.27' L	7599.67
39	SWALE FL	STA. 16+65.64	37.84' L	7597.33
40	SWALE FL	STA. 16+56.53	34.43' R	7598.55
41	PCR	STA. 16+46.89	14.00' R	7601.85
42	PCR	STA. 16+55.09	14.00' L	7601.53
43	PCR	STA. 16+76.73	32.04' L	7600.68
44	PCR	STA. 16+68.86	37.01' R	7601.96
45	HP	STA. 15+02.08	0.00'	7609.51



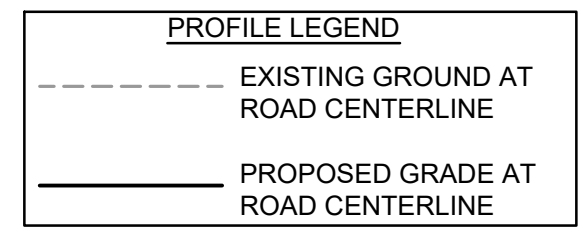
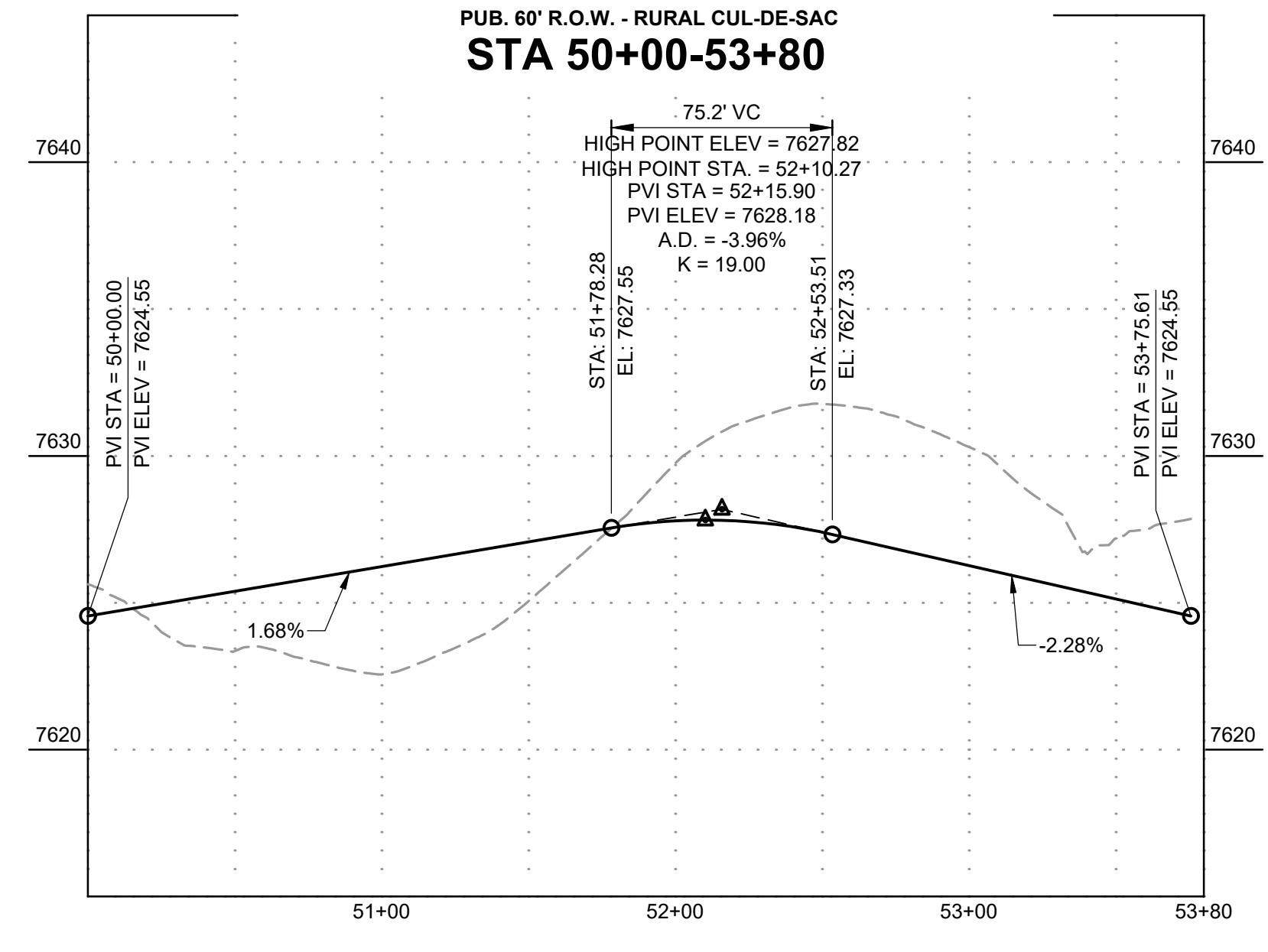
STABLEFORD TERRACE ALIGNMENT TABLE					
TAG NO.	RADIUS	LENGTH	LINE/CHORD DIRECTION	BEG. NORTHING/EASTING	END NORTHING/EASTING
C10	300.00'	195.30'	N30° 50' 21.26"E	N:444710.30, E:226425.92	N:444875.04, E:226524.28
L10		180.80'	N12° 11' 22.46"E	N:444533.58, E:226387.75	N:444710.30, E:226425.92
L11		309.90'	N49° 29' 20.06"E	N:444875.04, E:226524.28	N:445076.35, E:226759.90

STABLEFORD TERRACE ALIGNMENT TABLE					
TAG NO.	RADIUS	LENGTH	LINE/CHORD DIRECTION	BEG. NORTHING/EASTING	END NORTHING/EASTING
C11	98.00'	69.33'	S8° 04' 41.99"E	N:444626.21, E:226424.13	N:444558.98, E:226433.67
C12	52.00'	236.94'	N77° 48' 37.54"W	N:444558.98, E:226433.67	N:444575.67, E:226356.41
C13	98.00'	69.33'	N32° 27' 26.90"E	N:444575.67, E:226356.41	N:444632.96, E:226392.85

STABLEFORD TERRACE
PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL
STA 10+00-17+50



STABLEFORD TERRACE CUL-DE-SAC
PUB. 60' R.O.W. - RURAL CUL-DE-SAC
STA 50+00-53+80



DRAWN BY: CMD JOB DATE: 10/14/2024
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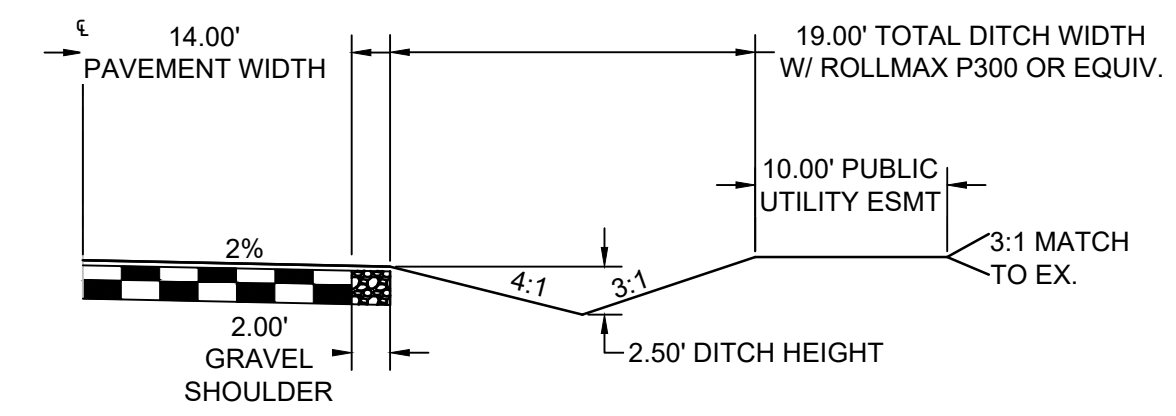
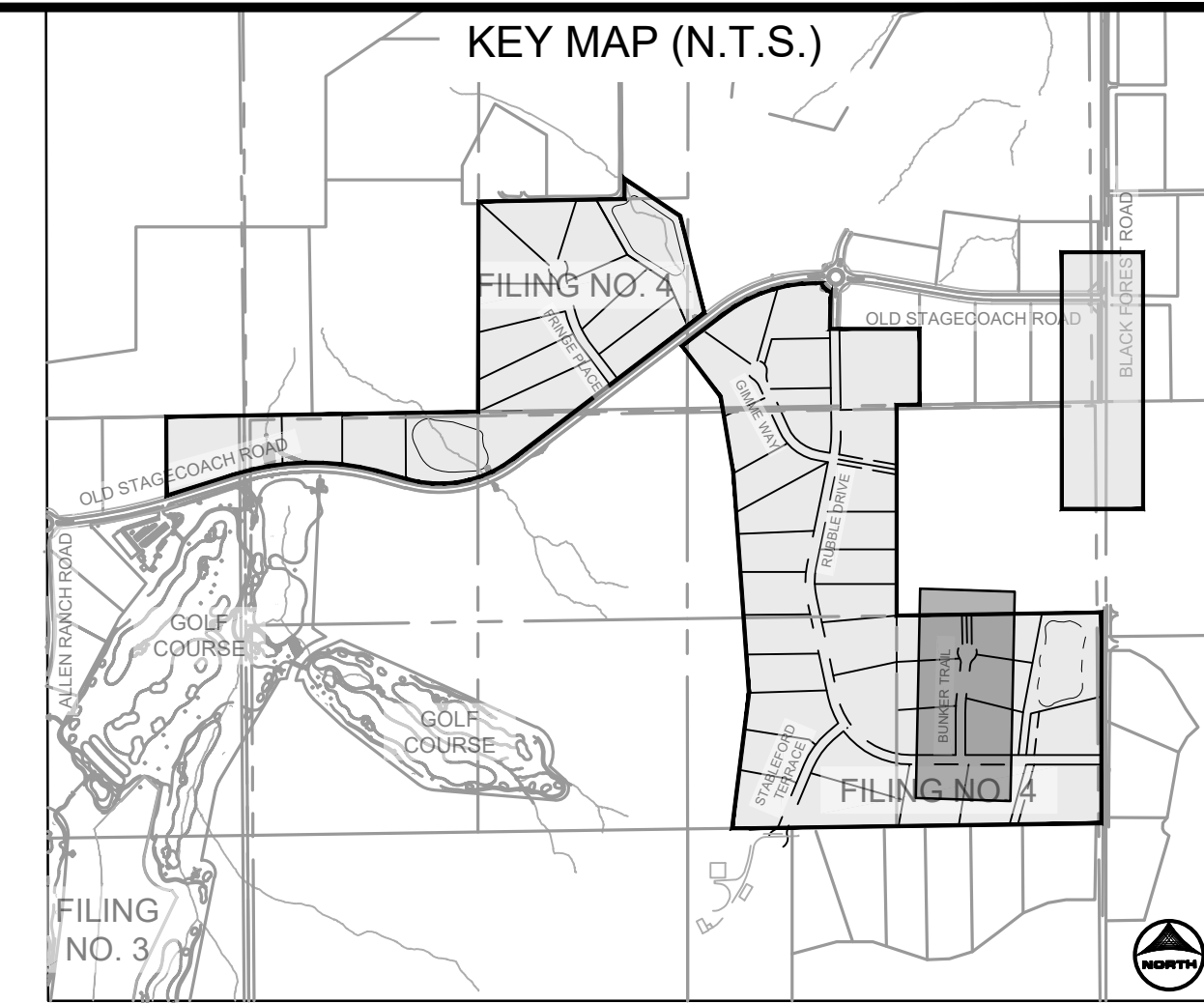
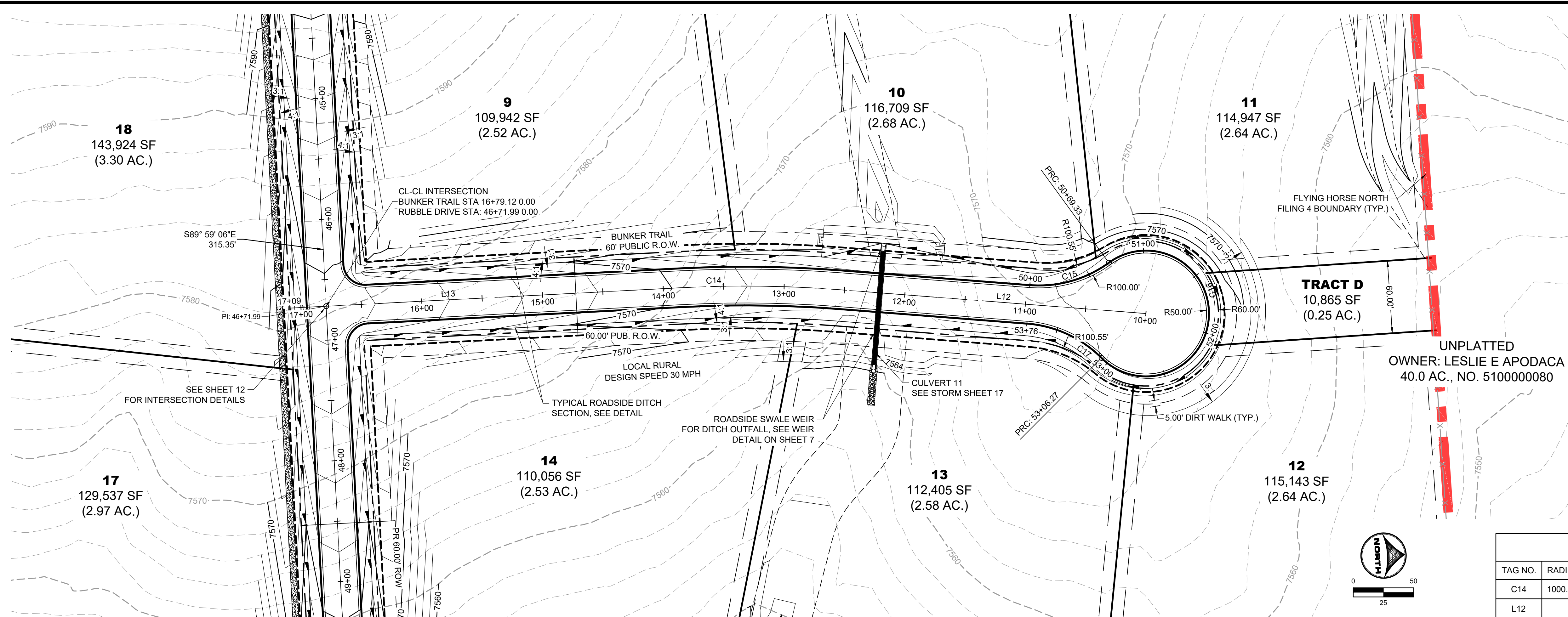
NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
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 1975 RESEARCH PARKWAY SUITE 160
 COLORADO SPRINGS, CO 80920
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PRI #2, LLC.
 EL PASO COUNTY, CO

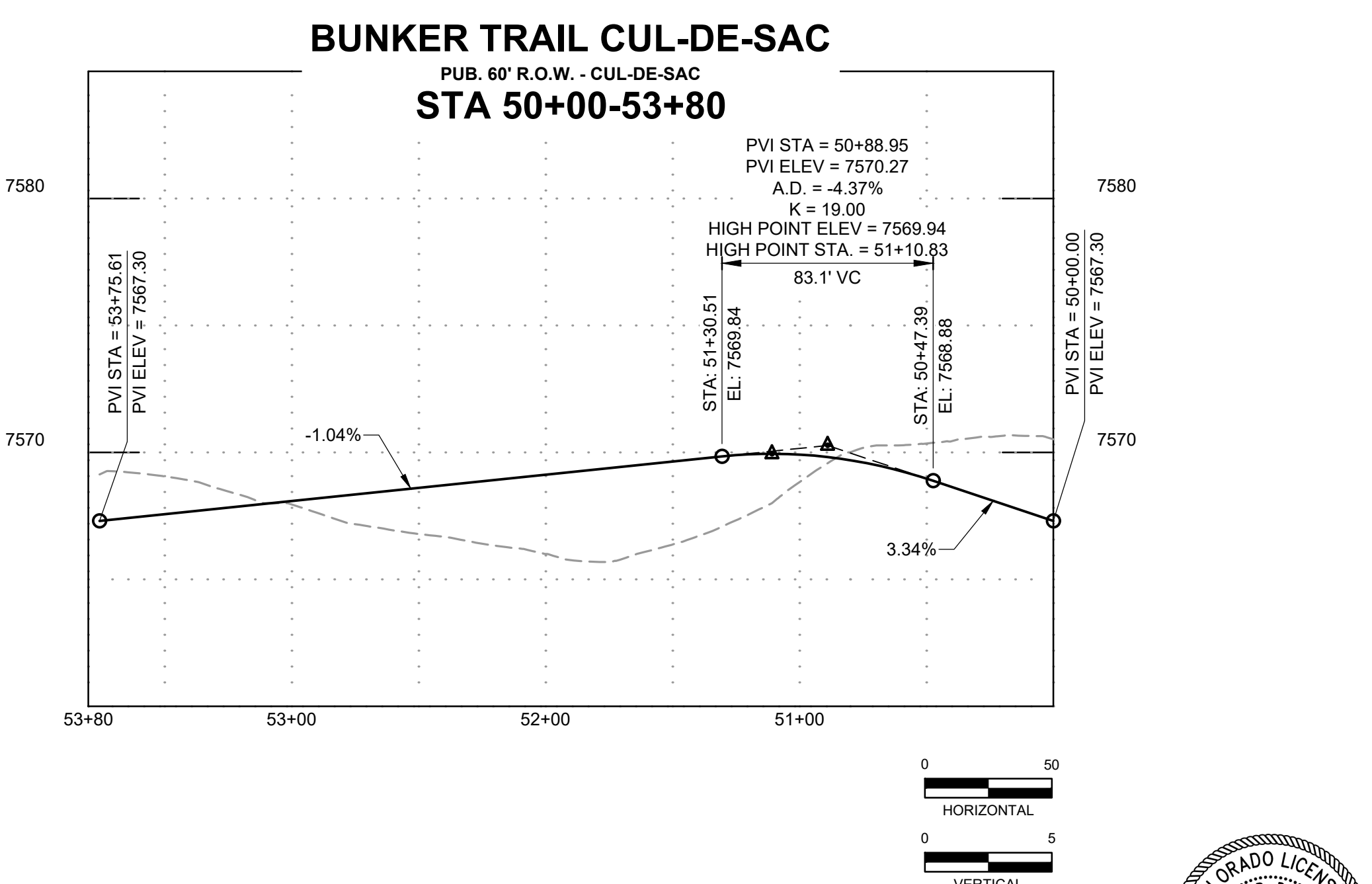
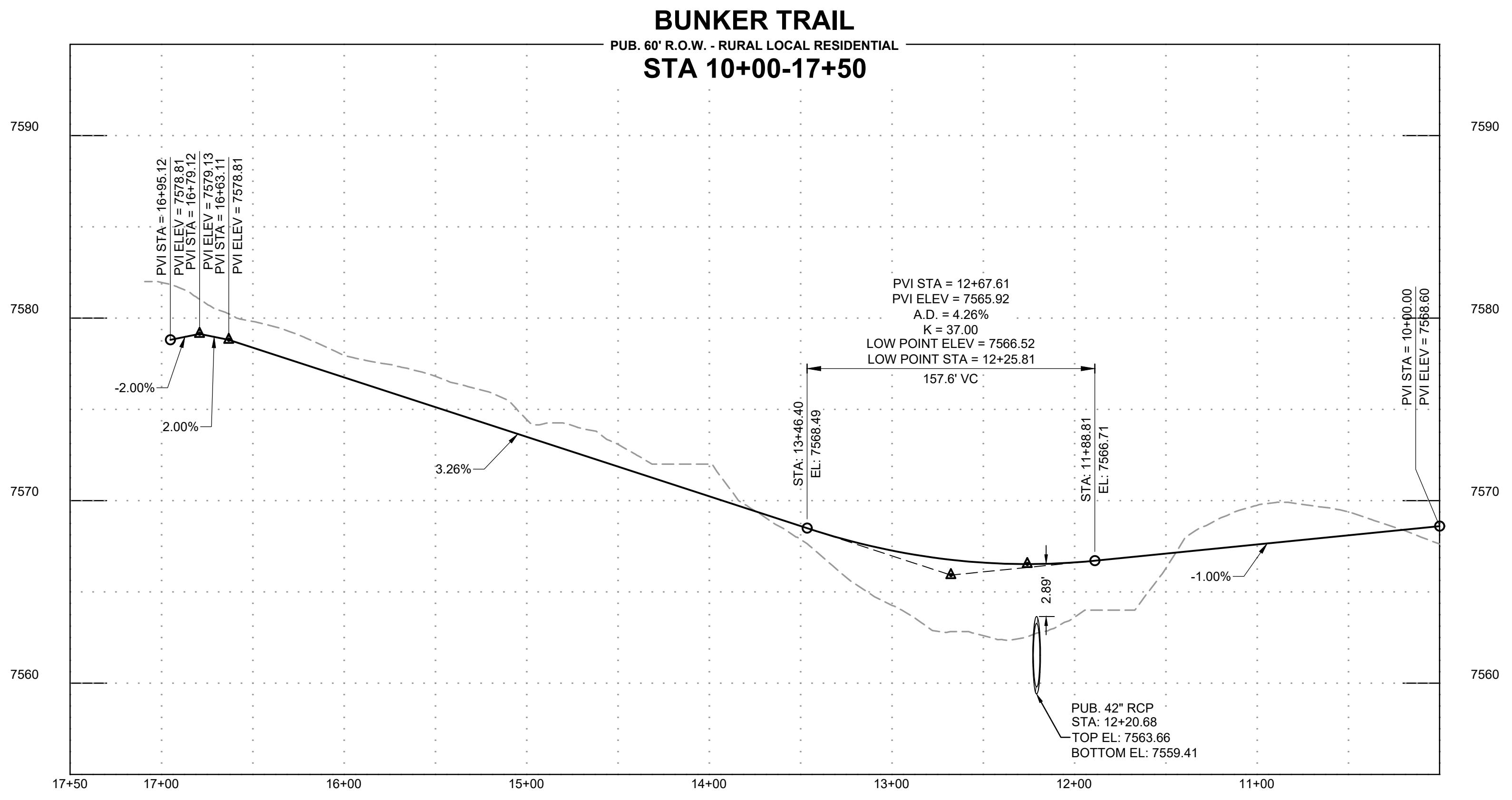
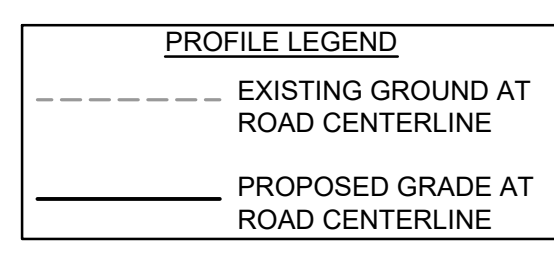
STREET PLAN & PROFILES
STABLEFORD TERRACE
 SHEET **ST** **9**
 PCD FILE NO.: SF2422



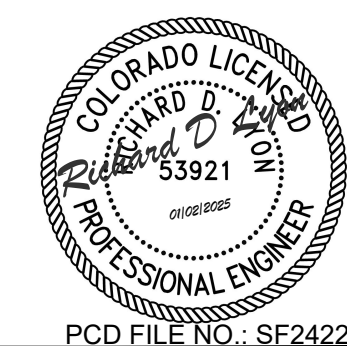


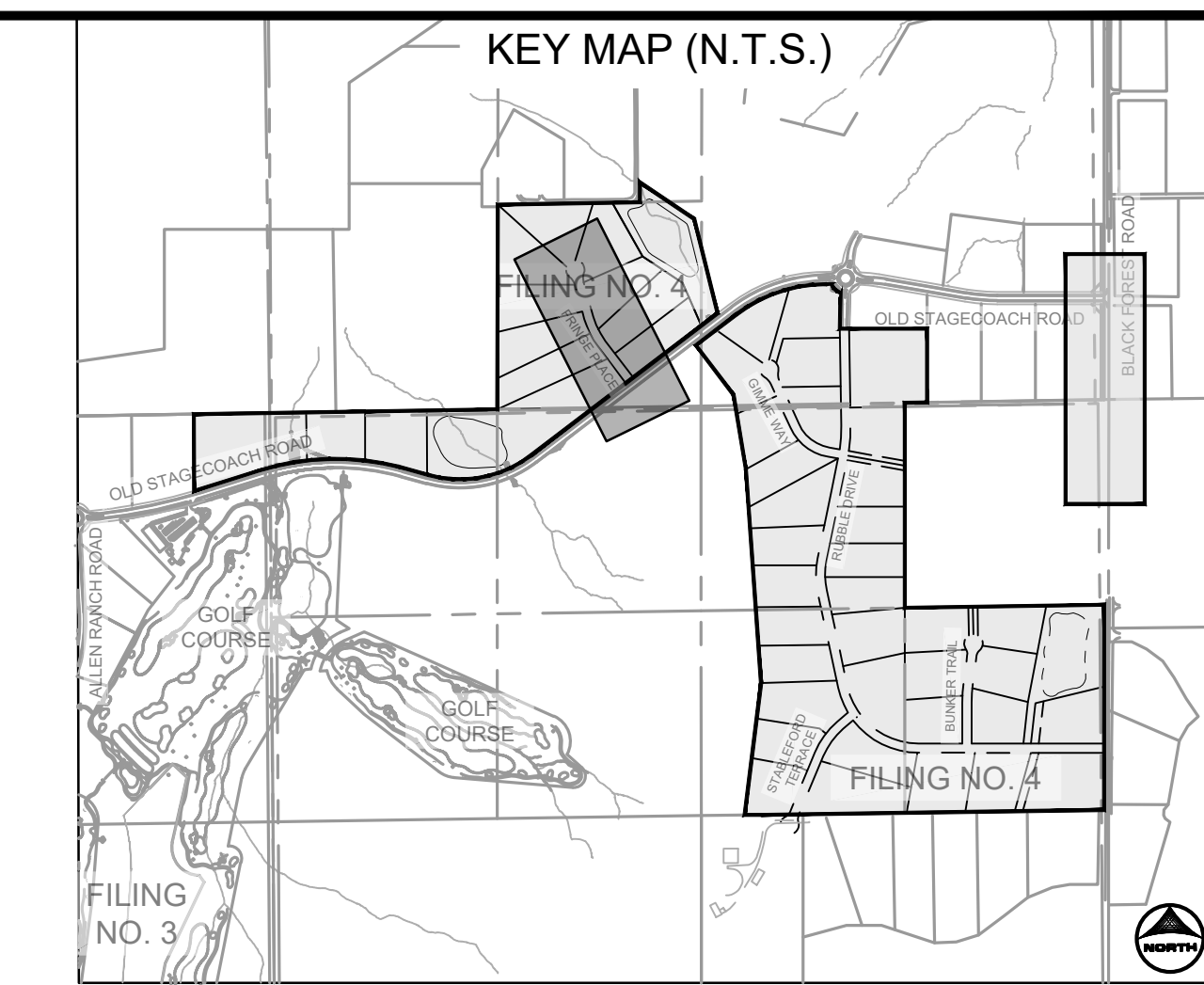
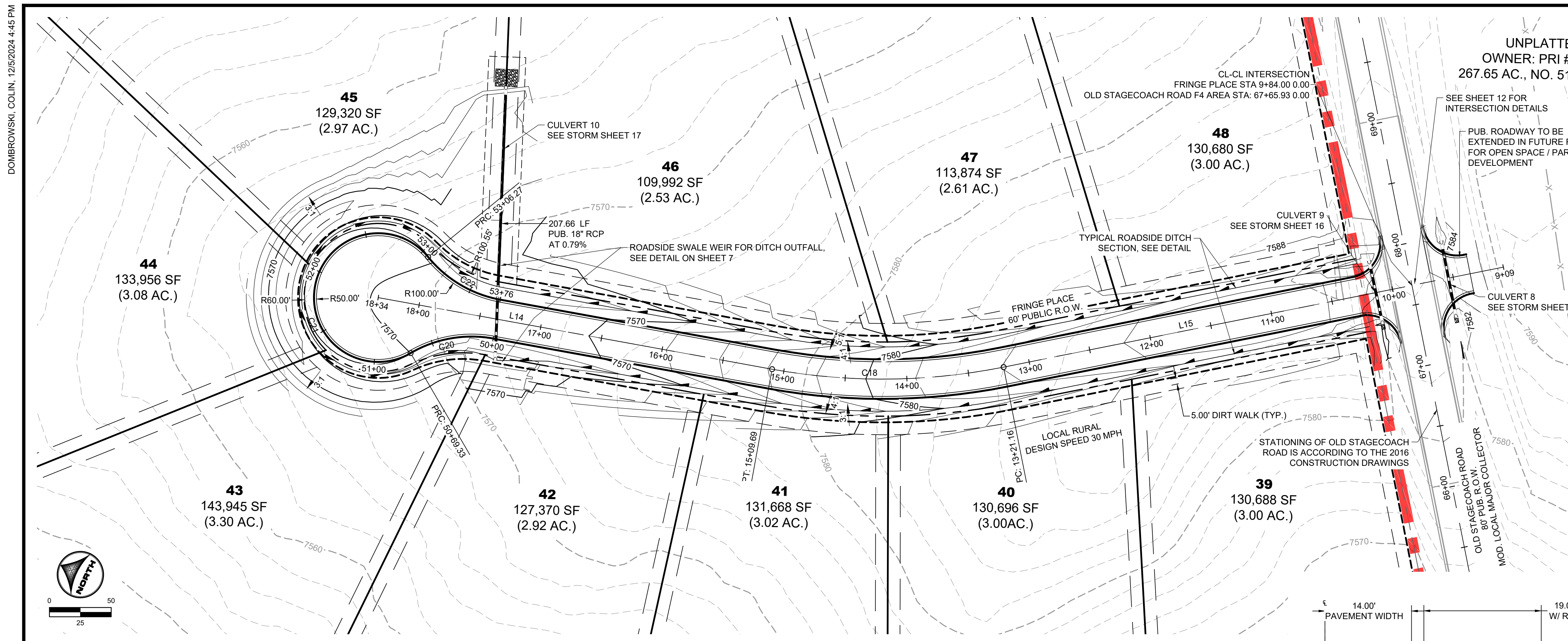
TAG NO.	RADIUS	LENGTH	LINE/CHORD DIRECTION	BEG. NORTHING/EASTING	END NORTHING/EASTING
C14	1000.00'	129.63'	S3° 43' 43.56"W	N:445276.75, E:227500.27	N:445147.48, E:227491.85
L12		254.68'	S7° 26' 32.99"W	N:445529.28, E:227533.26	N:445276.75, E:227500.27
L13		294.81'	S0° 00' 54.12"W	N:445147.48, E:227491.85	N:444852.68, E:227491.77

TAG NO.	RADIUS	LENGTH	LINE/CHORD DIRECTION	BEG. NORTHING/EASTING	END NORTHING/EASTING
C15	98.00'	69.33'	N12° 49' 31.45"W	N:445434.69, E:227504.77	N:445500.89, E:227489.70
C16	52.00'	236.94'	S82° 33' 27.01"E	N:445500.89, E:227489.70	N:445490.65, E:227568.07
C17	98.00'	69.33'	S27° 42' 37.43"W	N:445490.65, E:227568.07	N:445430.54, E:227536.50



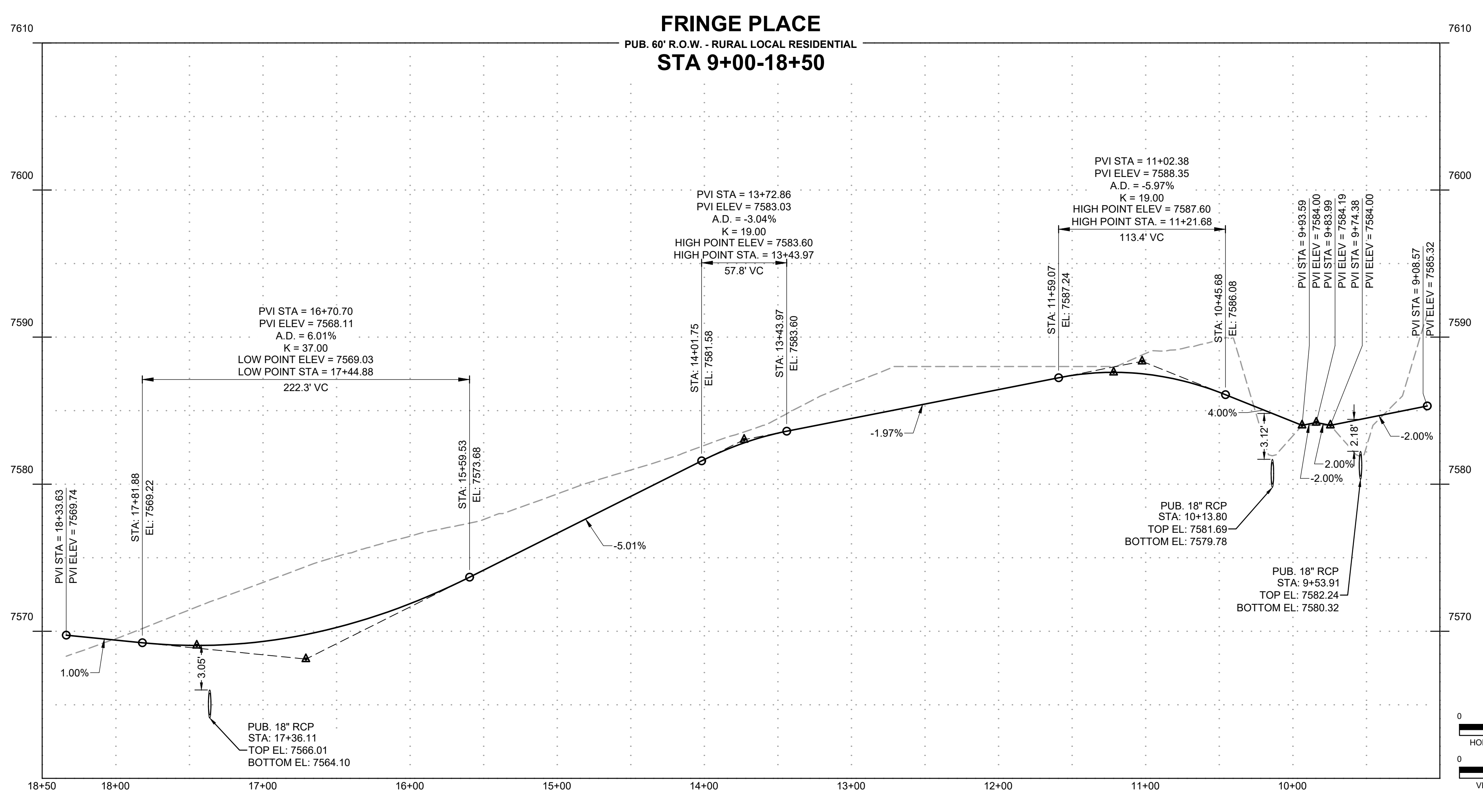
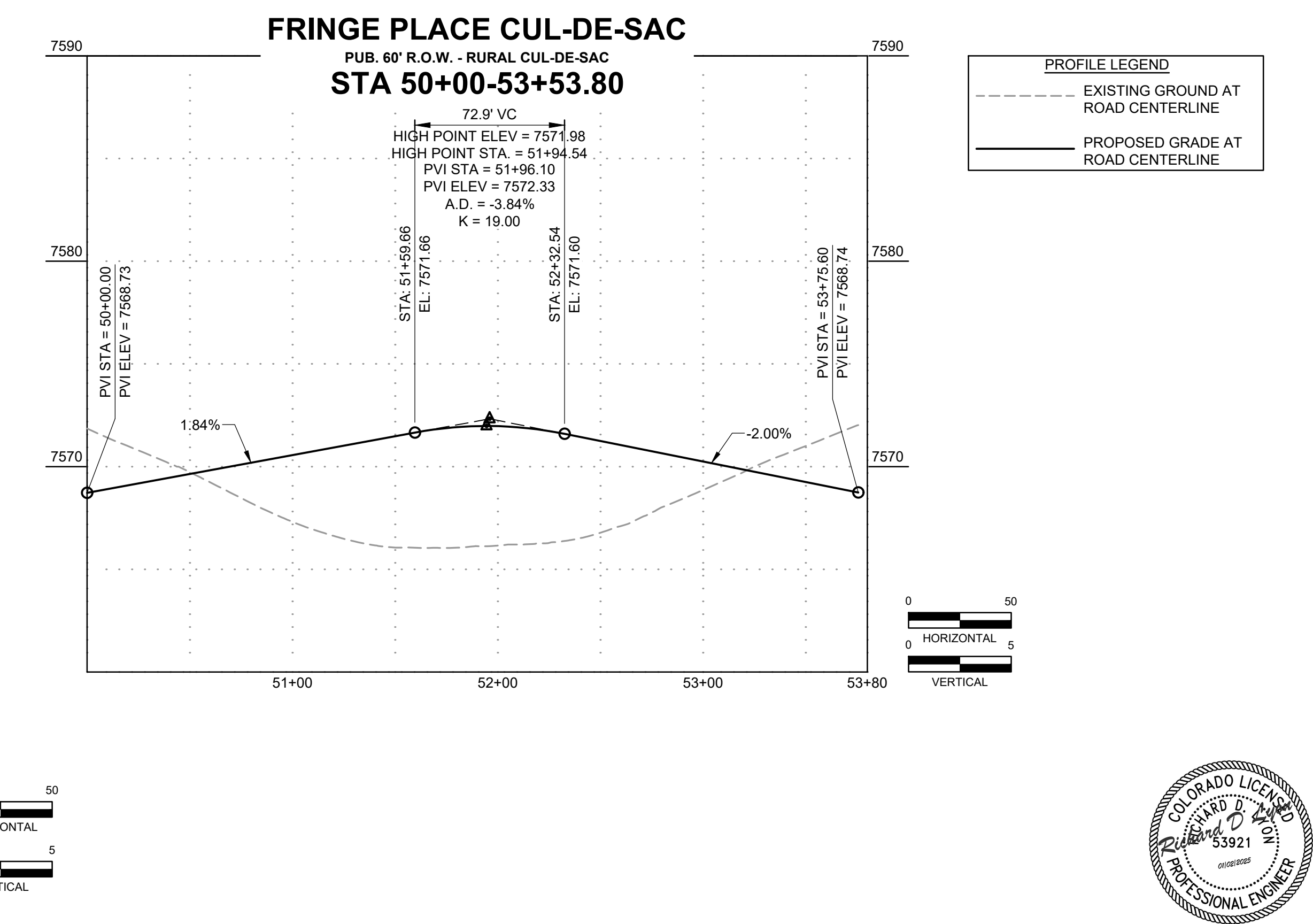
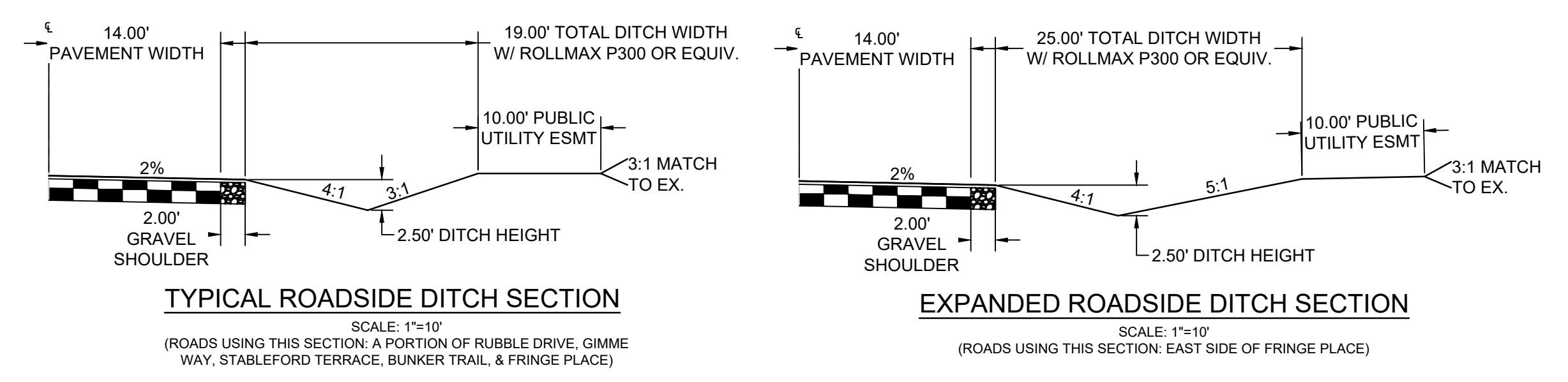
NO.	DATE	BY	REVISION DESCRIPTION





TAG NO.	RADIUS	LENGTH	LINE/CHORD DIRECTION	BEG. NORTHING/EASTING	END NORTHING/EASTING
C18	500.00'	188.53'	N26° 30' 28.15"W	N:447470.57, E:225126.79	N:447638.28, E:225043.14
L14		323.93'	N15° 42' 21.12"W	N:447638.28, E:225043.14	N:447950.12, E:224955.45
L15		412.59'	N37° 18' 35.18"W	N:447142.40, E:225376.87	N:447470.57, E:225126.79

TAG NO.	RADIUS	LENGTH	LINE/CHORD DIRECTION	BEG. NORTHING/EASTING	END NORTHING/EASTING
C20	98.00'	69.33'	N35° 58' 25.56"W	N:447851.94, E:224966.44	N:447906.89, E:224926.56
C21	52.00'	236.94'	N74° 17' 38.88"E	N:447906.89, E:224926.56	N:447928.28, E:225002.65
C22	98.00'	69.33'	S4° 33' 43.32"W	N:447928.28, E:225002.65	N:447860.60, E:224997.25



DRAWN BY: CMD JOB DATE: 10/31/2024
 APPROVED: RDL JOB NUMBER: 211030.240
 CAD DATE: 12/5/2024
 CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing_No_4\Street_E_PNP

NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 160
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 719.965.0044

FLYING HORSE NORTH FILING 4
 PRI #2, LLC.
 EL PASO COUNTY, CO

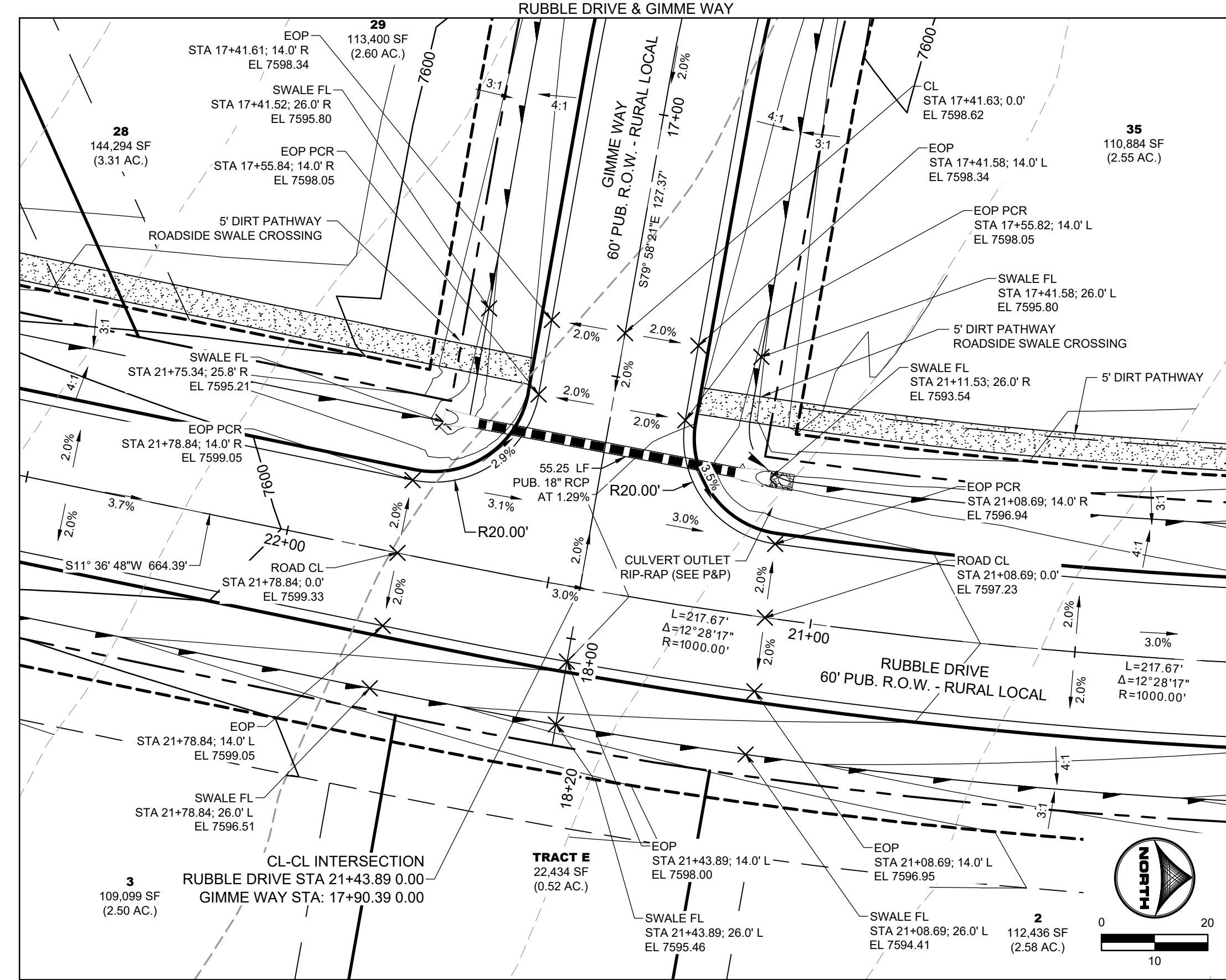
STREET PLAN & PROFILES
 FRINGE PLACE

SHEET
 ST 11

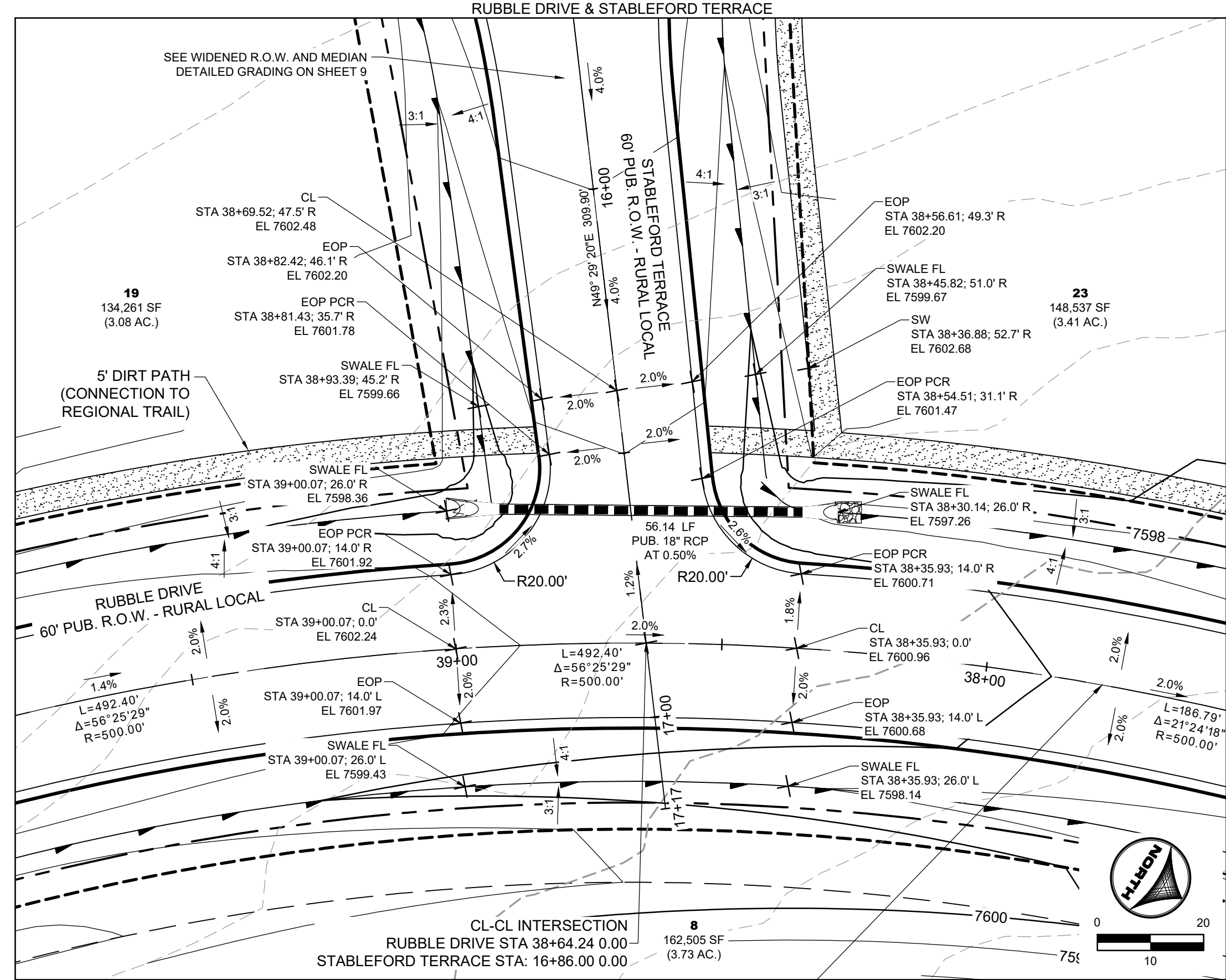


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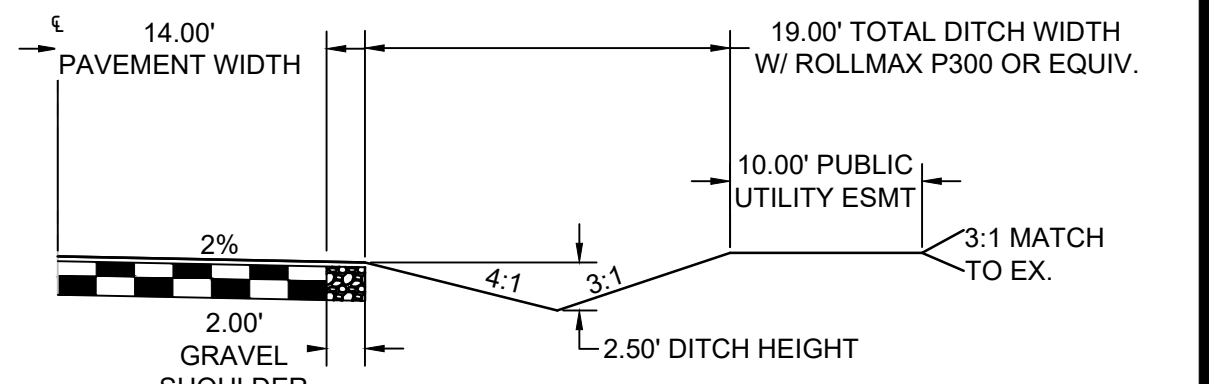
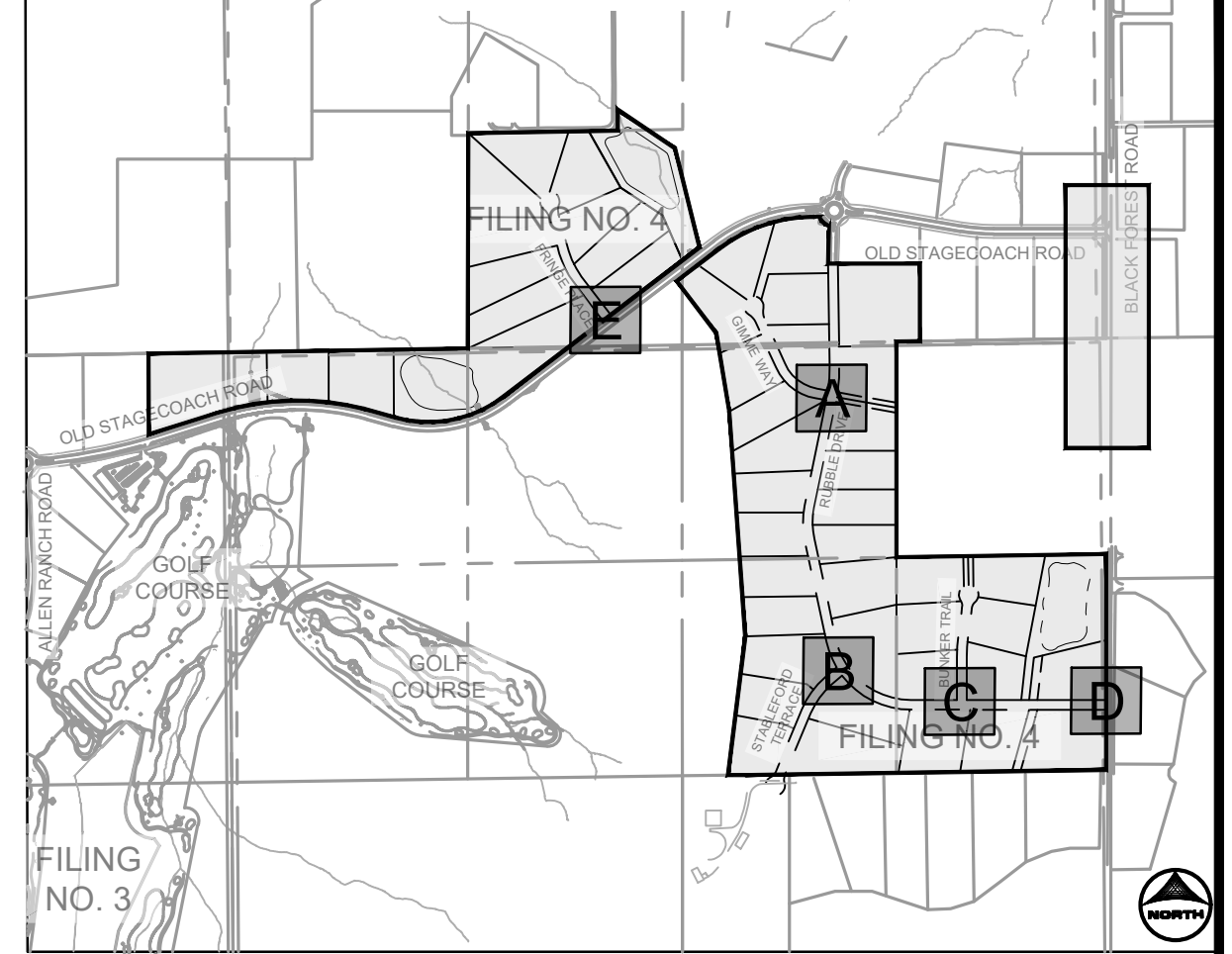
ROADWAY INTERSECTION DETAIL - A



ROADWAY INTERSECTION DETAIL - B

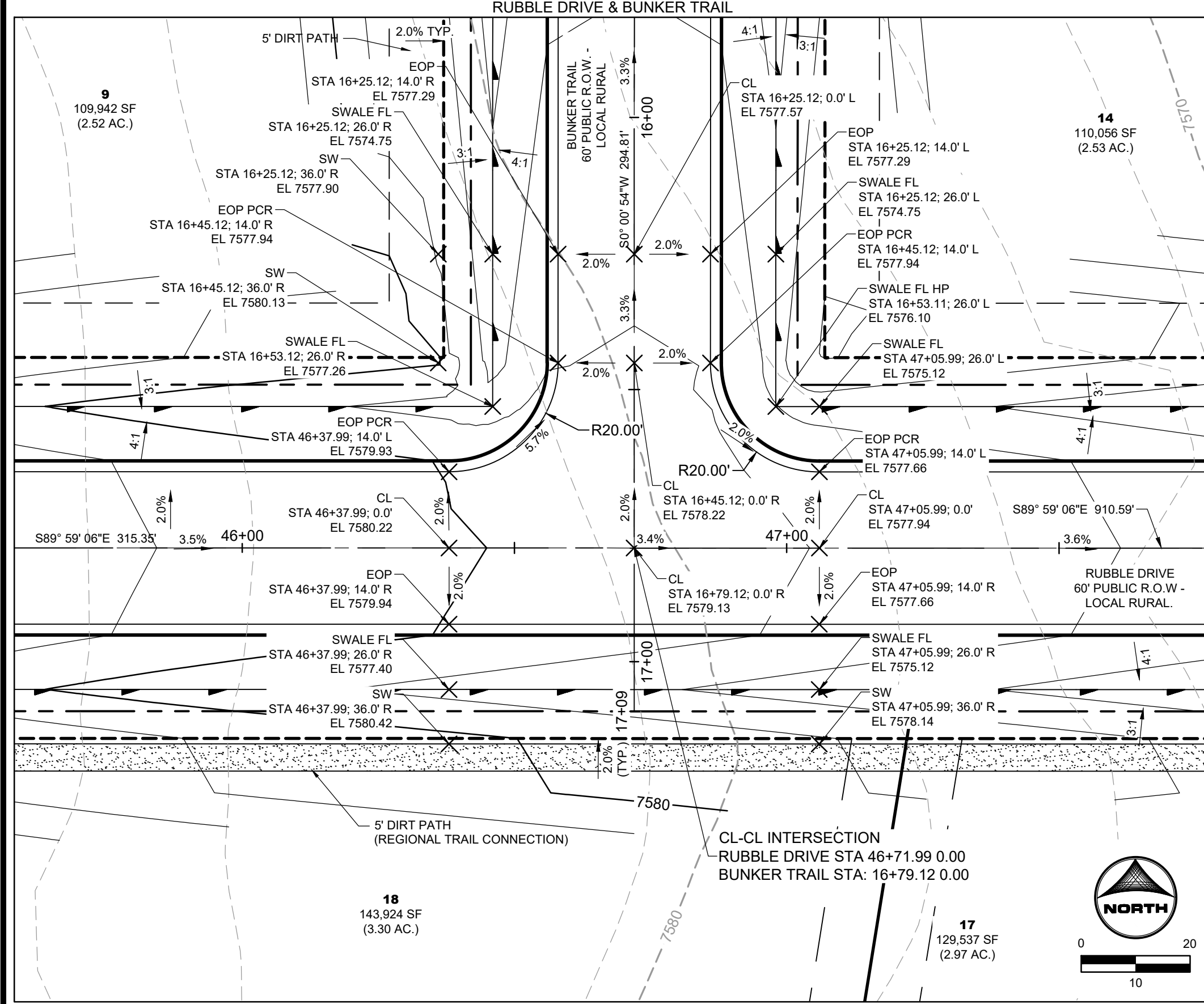


KEY MAP (N.T.S.)

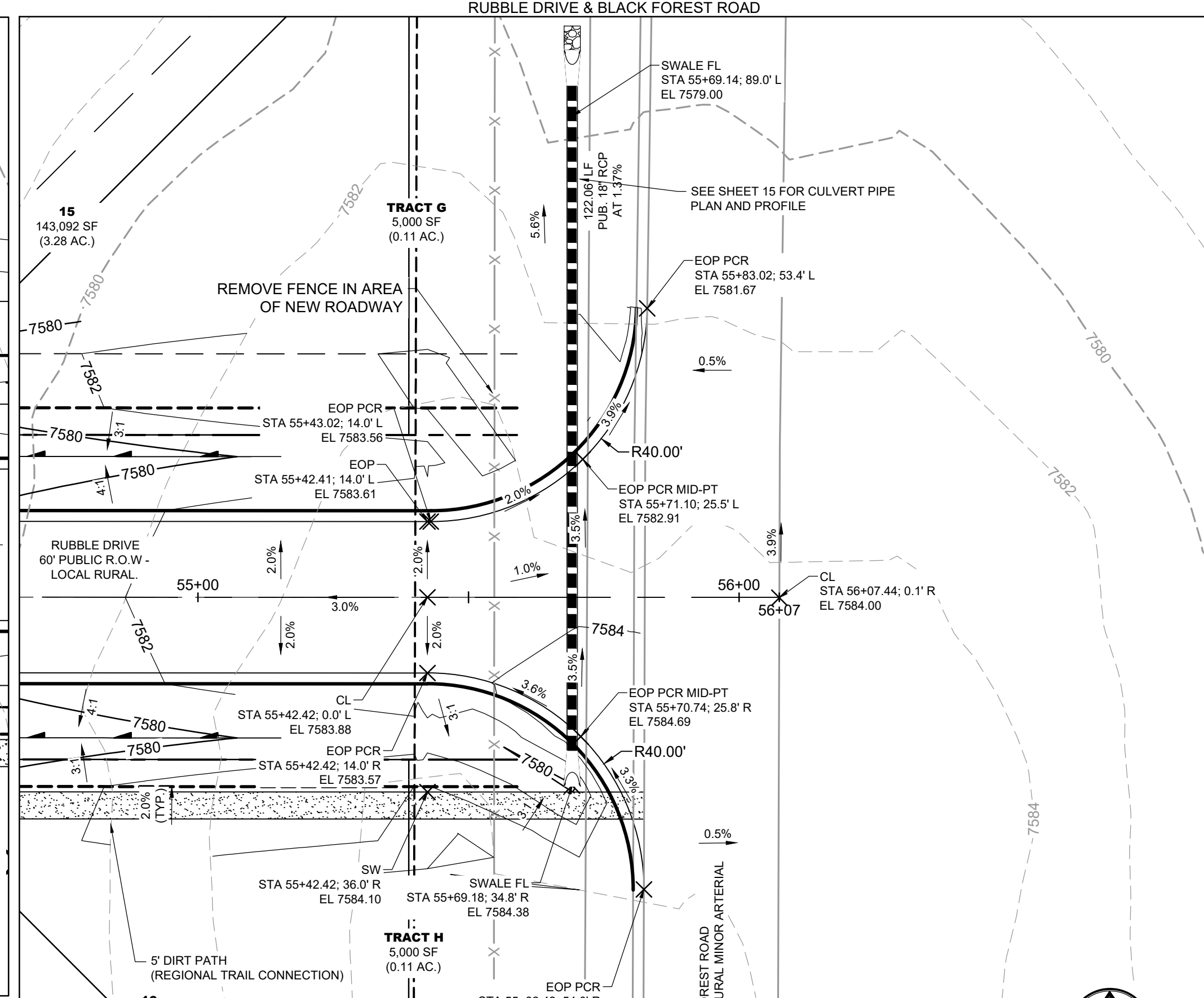


TYPICAL ROADSIDE DITCH SECTION
SCALE: 1"=10'
(ROADS USING THIS SECTION: A PORTION OF RUBBLE DRIVE, GIMME WAY, STABLEFORD TERRACE, BUNKER TRAIL, & FRINGE PLACE)

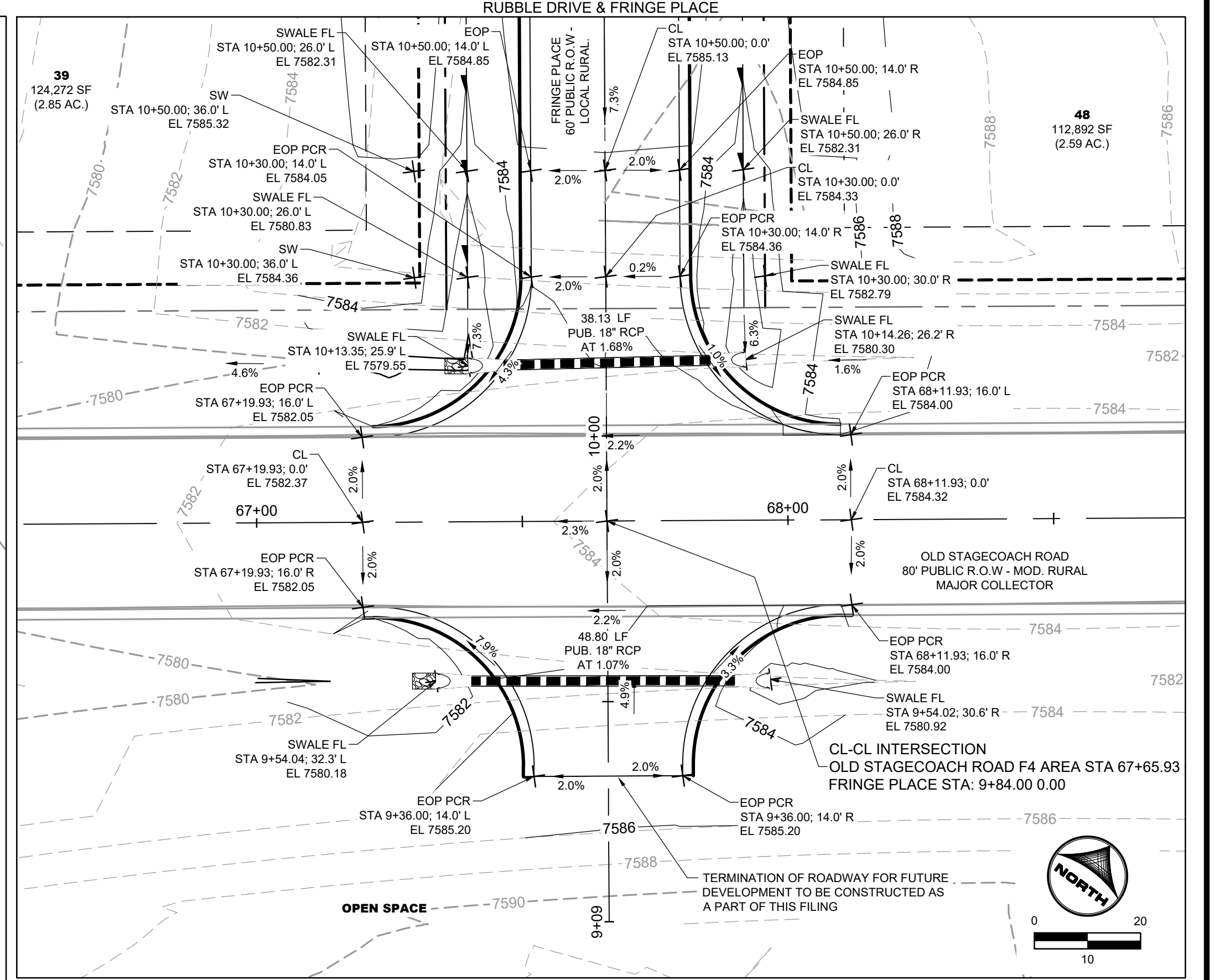
ROADWAY INTERSECTION DETAIL - C



ROADWAY INTERSECTION DETAIL - D



ROADWAY INTERSECTION DETAIL - E



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APPROVED: RDL	JOB NUMBER: 211030.240	0" = 1"
CAD DATE: 12/5/2024		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
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NO.	DATE	BY	REVISION DESCRIPTION



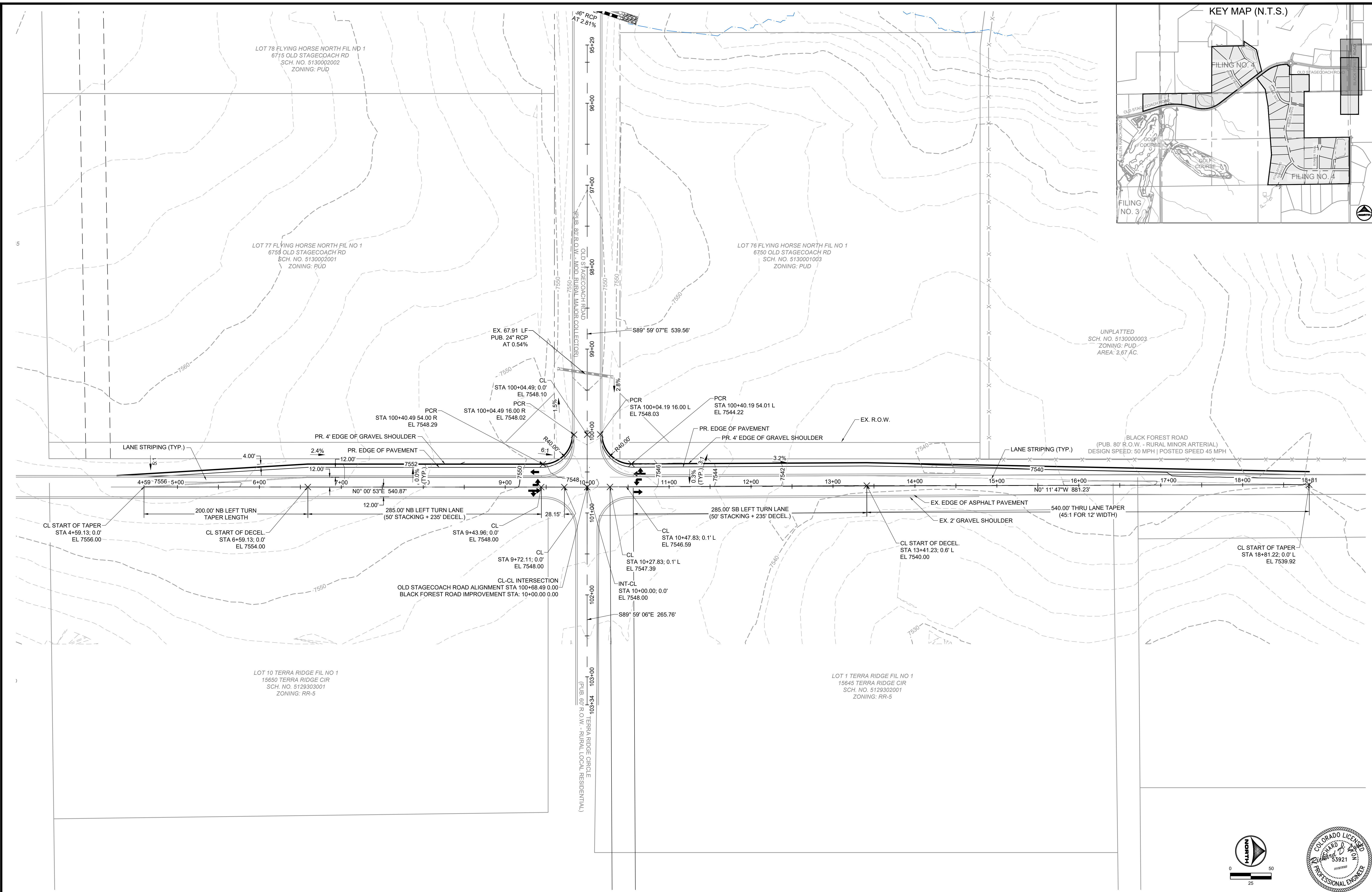
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

FLYING HORSE NORTH FILING 4
PRI #2, LLC.
EL PASO COUNTY, CO

INTERSECTION DETAILS
ROADWAY INTERSECTION DETAILS

SHEET
ST 12





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 COLORADO SPRINGS, CO 80920
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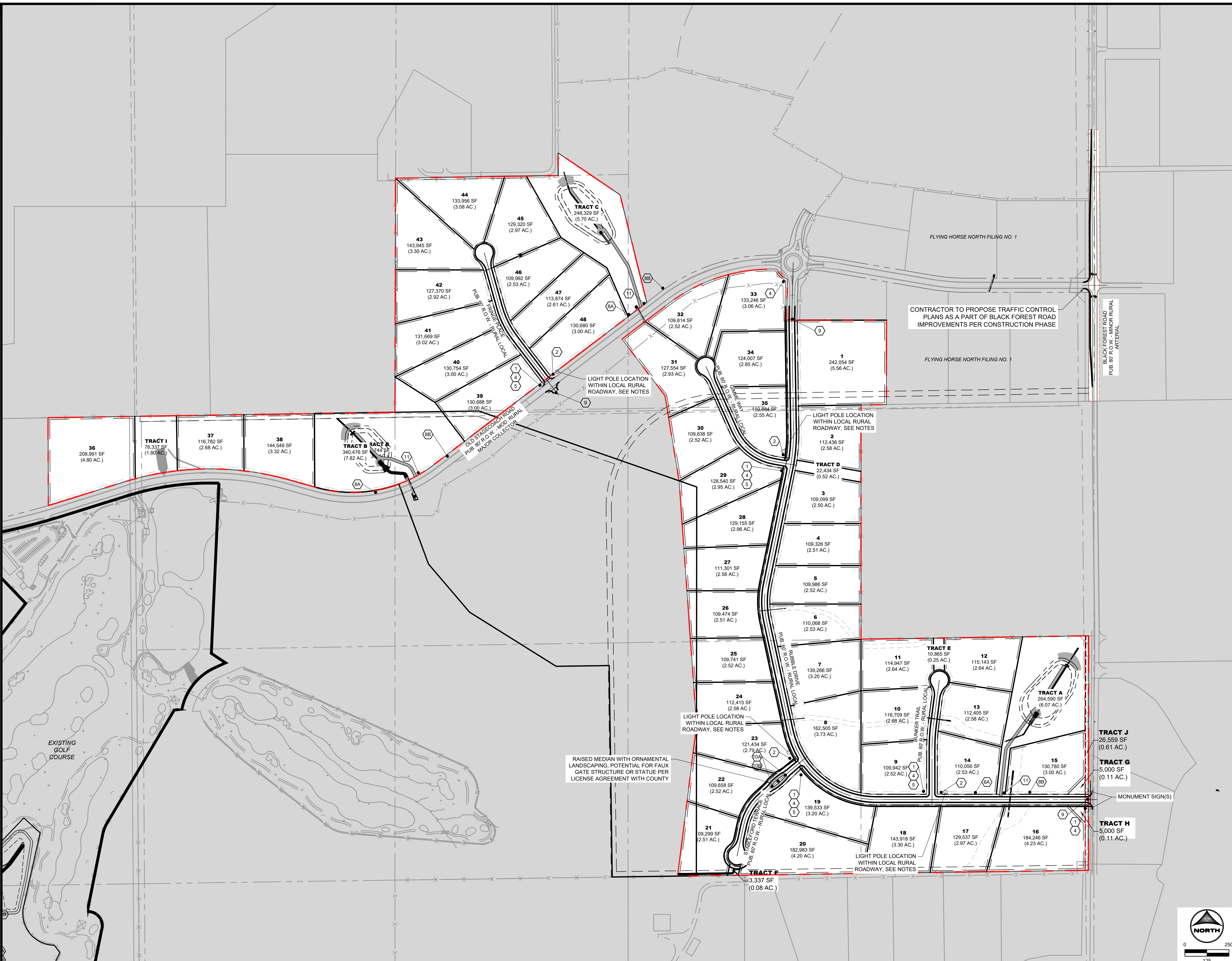
**FLYING HORSE NORTH FILING 4
 PRI #2, LLC.**
 EL PASO COUNTY, CO

**PUBLIC ROADWAY IMPROVEMENTS
 BLACK FOREST ROAD & OLD STAGECOACH ROAD**

**SHEET
 ST 13**



PCD FILE NO.: SF2422



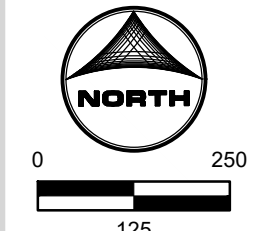
SIGNAGE LEGEND:

- 1 STOP R-1 SINGLE LANE 30"x30"
- 2 NO OUTLET ROAD AHEAD K2-0540 18"x18"
- 3A SPEED LIMIT 25 24"x30"
- 3B SPEED LIMIT 30 24"x30"
- 4 ROAD NAME GREEN
- 6 ROAD NAME NO OUTLET GREEN W/ NO OUTLET PATCH
- 5 ROAD NAME NO OUTLET GREEN W/ NO OUTLET PATCH
- 7 NO PARKING FIRE LANE R8-3 12"x18"
- 8A NO PARKING FIRE LANE R7-32(R) 12"x18"
- 8B NO PARKING FIRE LANE R7-32(L) 12"x18"
- 9 TYPE III BARRICADE (TEMPORARY) Q O Q
- 10A R-4 12"x18"
- 10B OM3-L 12"x18"
- 11 NO PUBLIC ACCESS ROAD MAINTENANCE SIGN W/ WHITE LETTERING 24"x24"

- CONSTRUCTION NOTES:**
- WHERE CONSTRUCTION DETAILS AND SPECIFICATIONS ARE NOTED ON THESE PLANS USE EL PASO COUNTY STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION.
 - ALL SIGNING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION.
 - PAVEMENT MARKING IS THERMOPLASTIC WITH COLOR DESIGNATED IN KEY NOTES.
 - ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN ACCORDANCE WITH "THE STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" ADOPTED BY THE FEDERAL HIGHWAY ADMINISTRATION.

- LIGHT POLE NOTES:**
- LIGHT POLE LOCATIONS WITHIN LOCAL URBAN ROADWAY AREAS ARE PER CRITERIA IN THE ECM 4.3.5.D.2 AND TABLE 2-5. WHERE REQUIRED POLE LOCATIONS BY CODE ARE 5.0 FEET MINIMUM FROM EDGE OF ASPHALT AND WITHIN RIGHT-OF-WAY.
 - PROPOSED LIGHT POLE LOCATIONS WITHIN THE LOCAL RURAL ROADWAY AREAS ARE 20' FROM EOA.

- EL PASO COUNTY SIGNAGE & STRIPING NOTES:**
- ALL SIGNS AND PAVEMENTS MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 - 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.
 - ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT.
 - 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.
 - STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT INTERSECTIONS.
 - ALL REMOVED SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR.
 - 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. THE WIDTH OF THE NON-RECESSED WHITE BORDERS SHALL MATCH PAGE 255 OF THE 2012 MUTCD "STANDARD HIGHWAY SIGNS".
 - ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
 - ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75"x1.75" SQUARE TUBE SIGN POST AND STUB POST BASE. FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD S-614-S REGARDING USE OF THE 192 TUBULAR STEEL POST SUBBASE DESIGN.
 - ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
 - 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. CROSSWALK LINES SHALL BE 12" WIDE AND 8" LONG PER CDOT S-627-1.
 - ALL LONGITUDINAL LINES SHALL BE A MINIMUM 15 MIL 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.
 - THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (719.520.6819) PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING.
 - 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 AND EXISTING EL PASO COUNTY ROADWAY.



DRAWN BY: RDL JOB DATE: 8/28/2024 BAR IS ONE INCH ON OFFICIAL DRAWINGS.

APPROVED: RDL JOB NUMBER: 211030.240 0" = 1"

CAD DATE: 12/5/2024 IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

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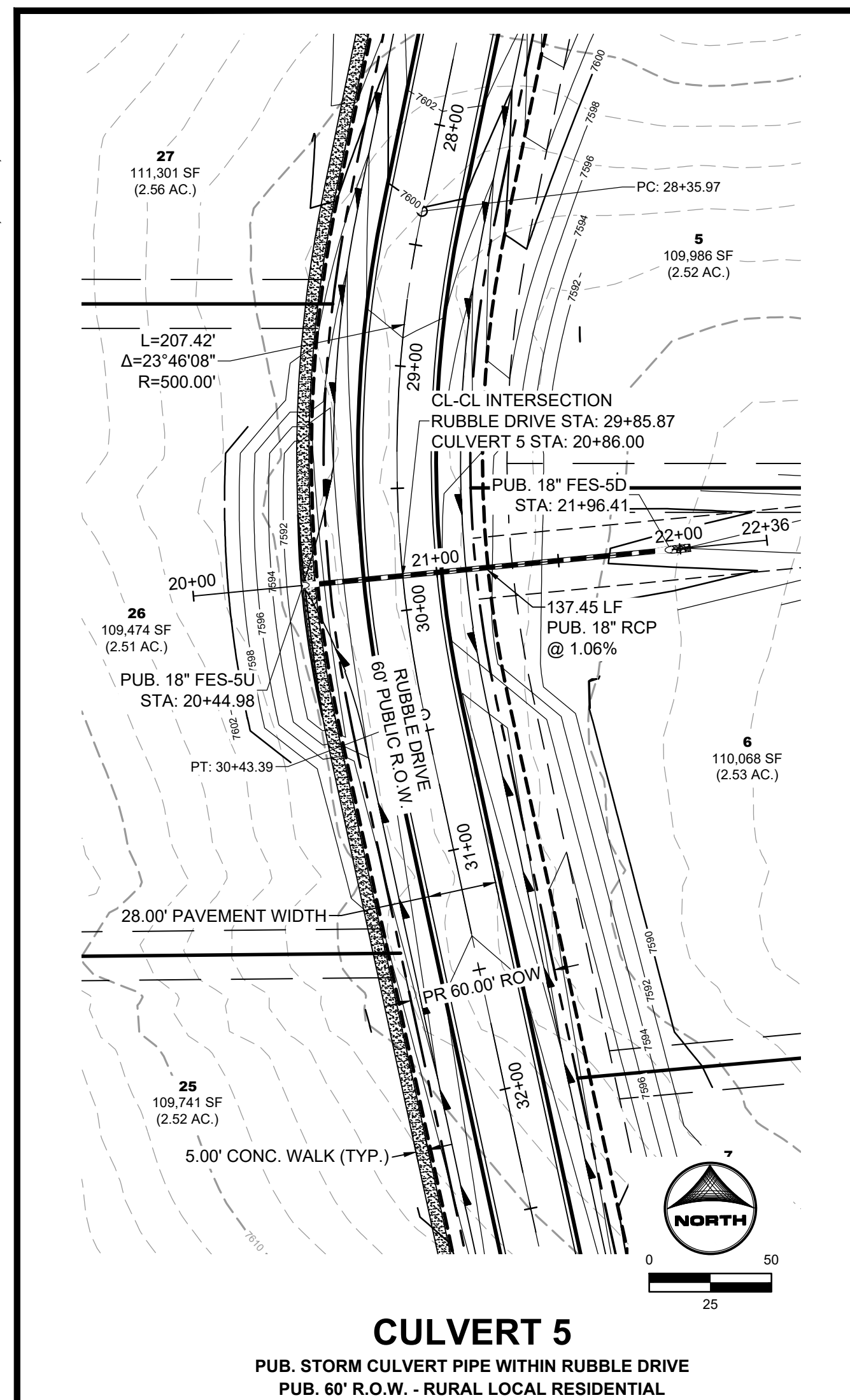
NO.	DATE	BY	REVISION DESCRIPTION

HRGreen HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 160
 COLORADO SPRINGS, CO 80920
 PHONE: 713.300.4140 FAX: 713.965.0044

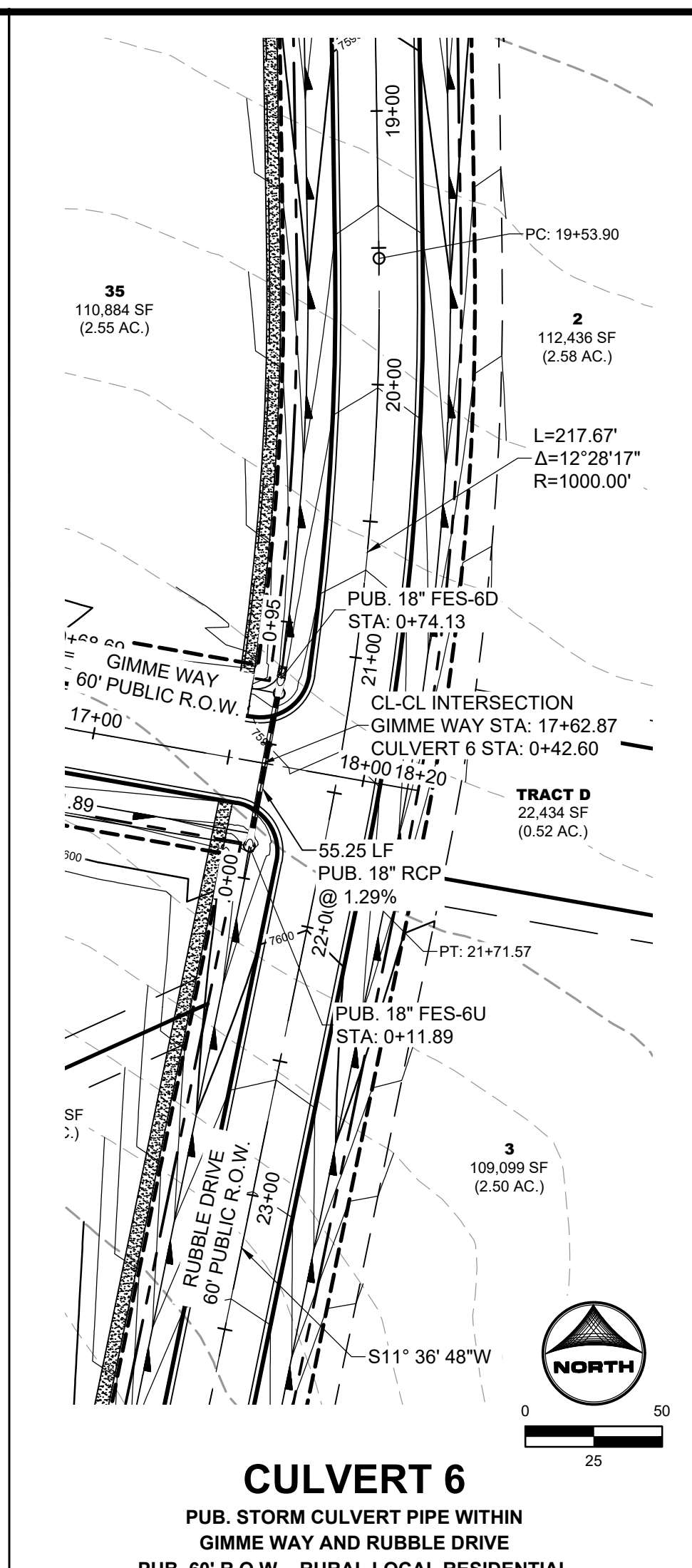
**FLYING HORSE NORTH FILING 4
 PRI #2, LLC.
 EL PASO COUNTY, CO**

**CONSTRUCTION DRAWINGS
 SIGNAGE AND STRIPING**

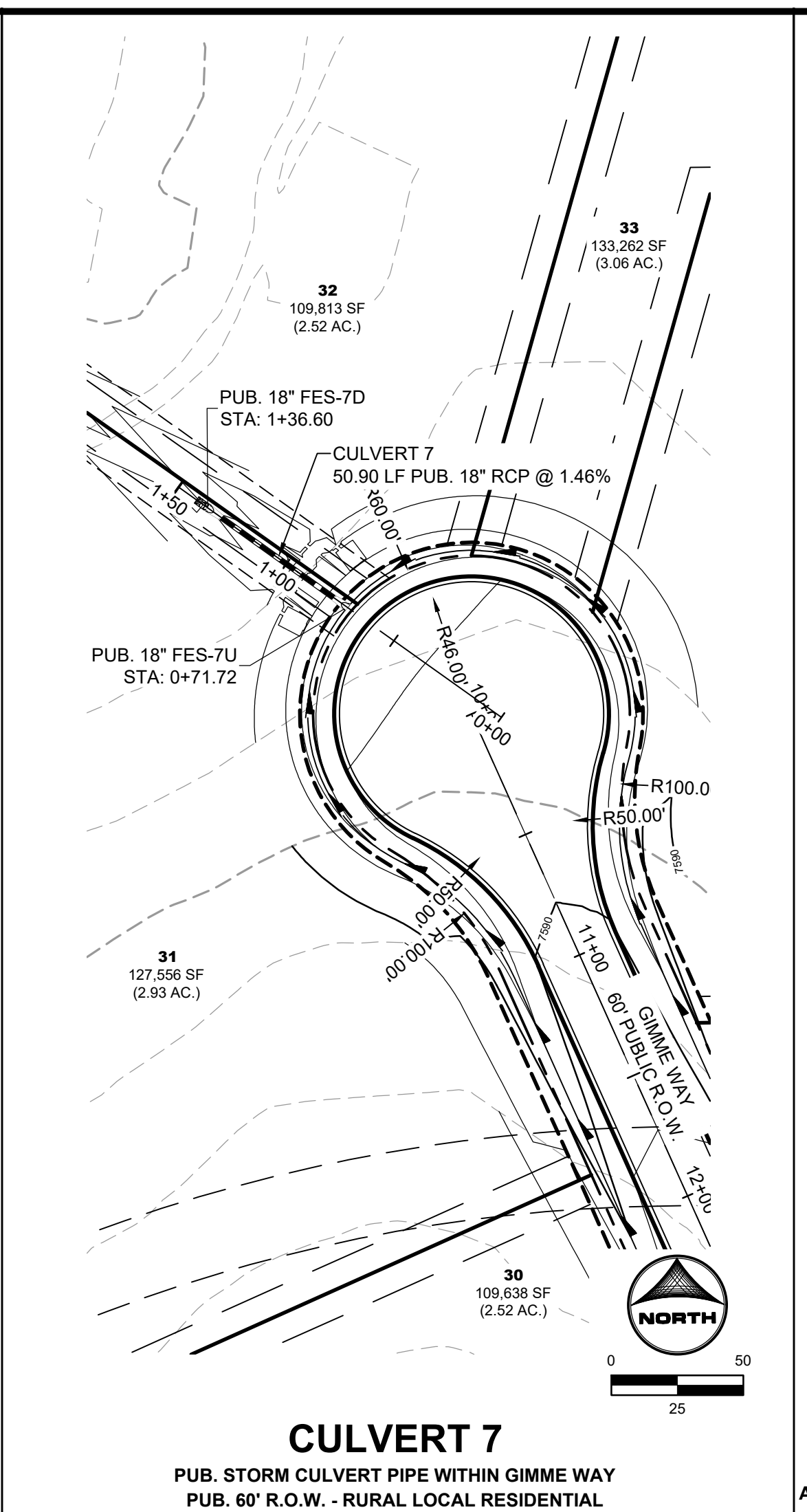
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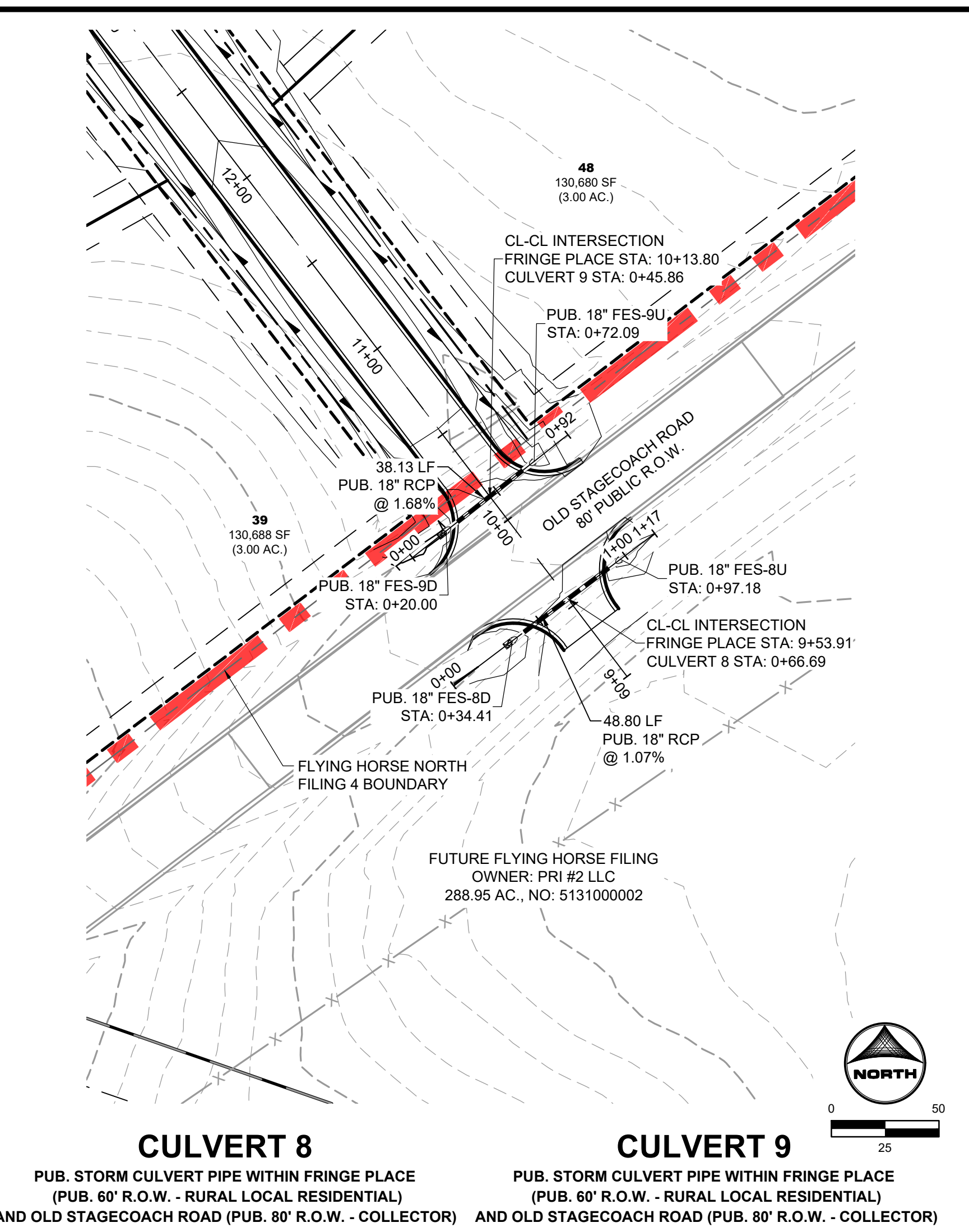
CULVERT 5
PUB. STORM CULVERT PIPE WITHIN RUBBLE DRIVE
PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL



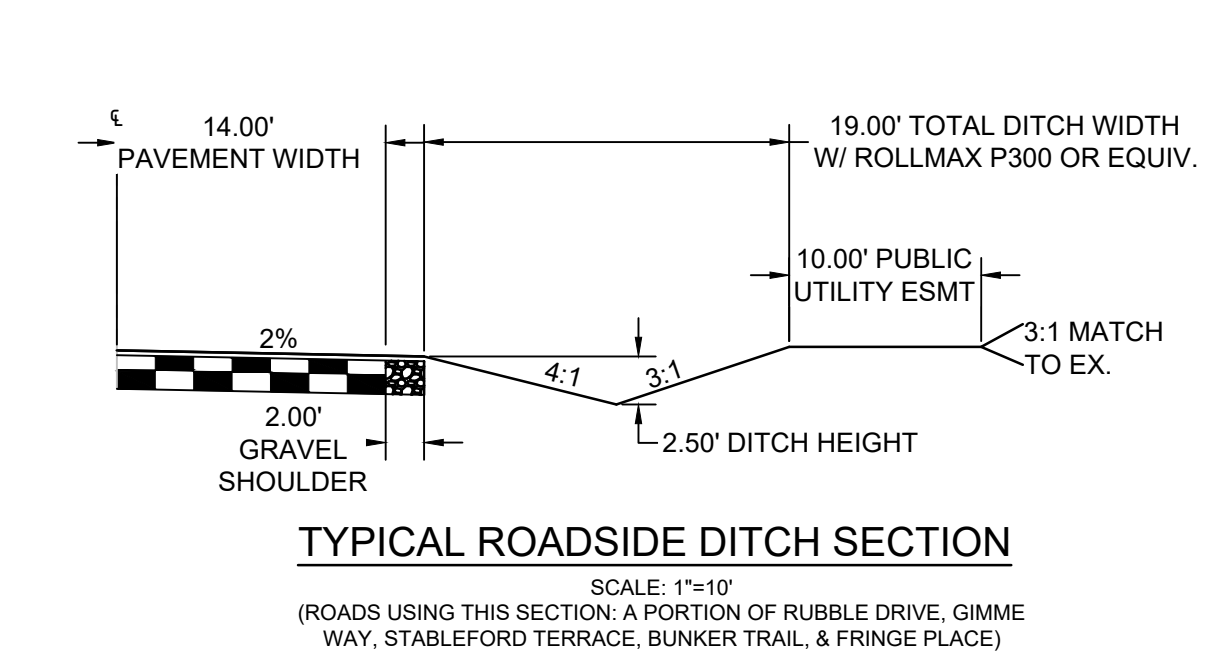
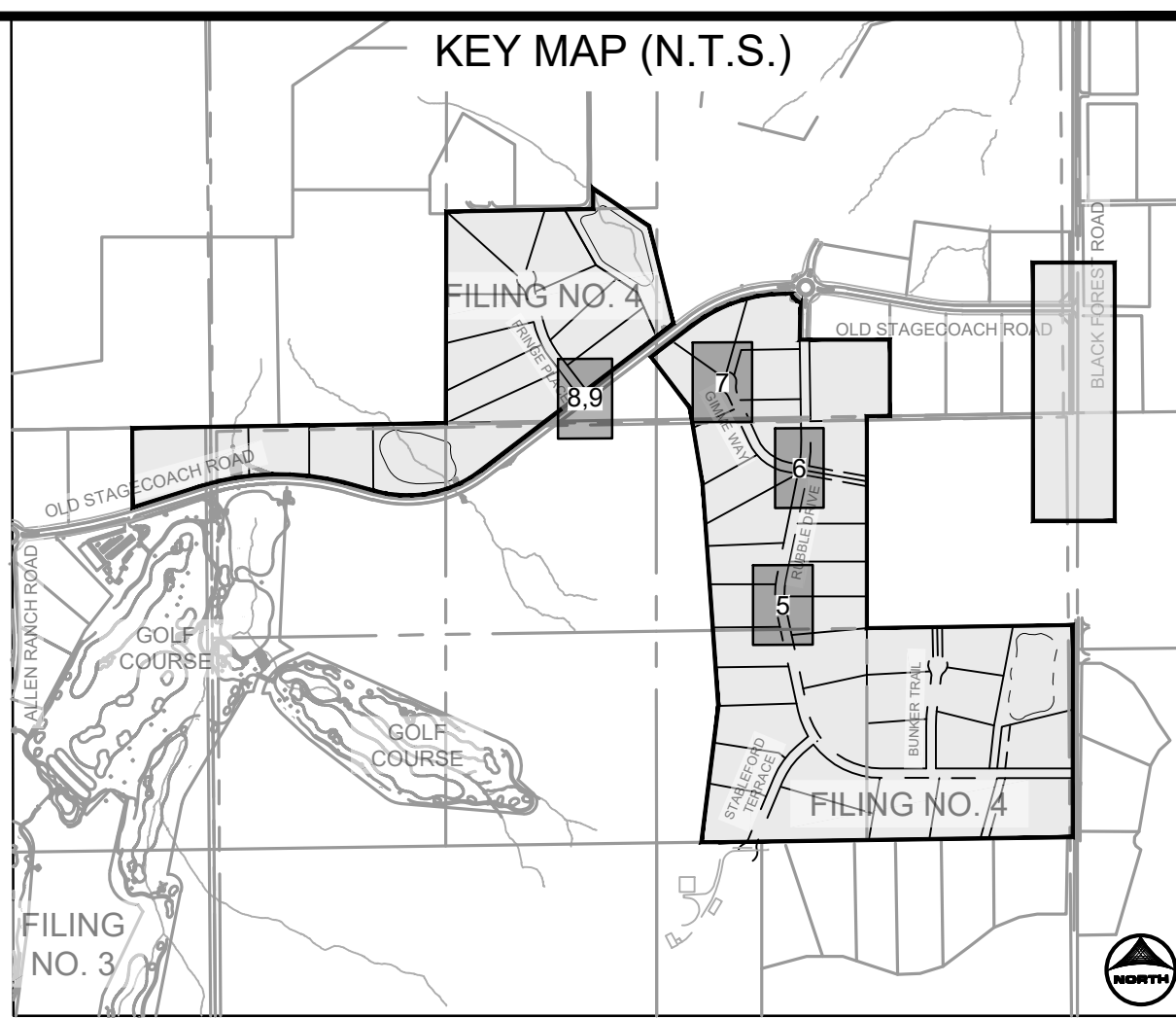
CULVERT 6
PUB. STORM CULVERT PIPE WITHIN
GIMME WAY AND RUBBLE DRIVE
PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL



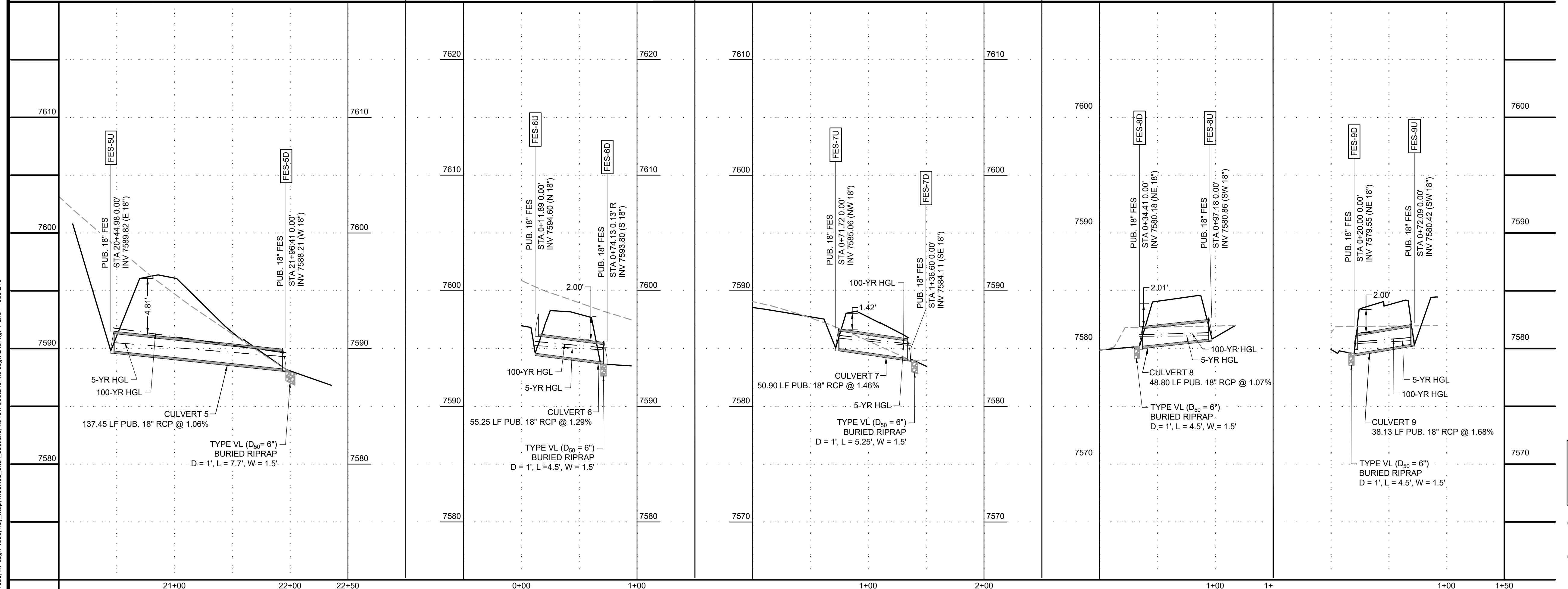
CULVERT 7
PUB. STORM CULVERT PIPE WITHIN GIMME WAY
PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL



CULVERT 8 PUB. STORM CULVERT PIPE WITHIN FRINGE PLACE
(PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL)
CULVERT 9 PUB. STORM CULVERT PIPE WITHIN FRINGE PLACE
(PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL)
AND OLD STAGECOACH ROAD (PUB. 80' R.O.W. - COLLECTOR) AND OLD STAGECOACH ROAD (PUB. 80' R.O.W. - COLLECTOR)

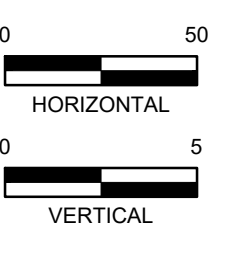


TYPICAL ROADSIDE DITCH SECTION
SCALE: 1"=10'
(ROADS USING THIS SECTION: A PORTION OF RUBBLE DRIVE, GIMME WAY, STABLEFORD TERRACE, BUNKER TRAIL, & FRINGE PLACE)



PROFILE LEGEND

- EXISTING GROUND AT PIPE ALIGNMENT
- PROPOSED GRADE AT PIPE ALIGNMENT



DRAWN BY: CMD JOB DATE: 11/26/2024
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CAD DATE: 12/5/2024
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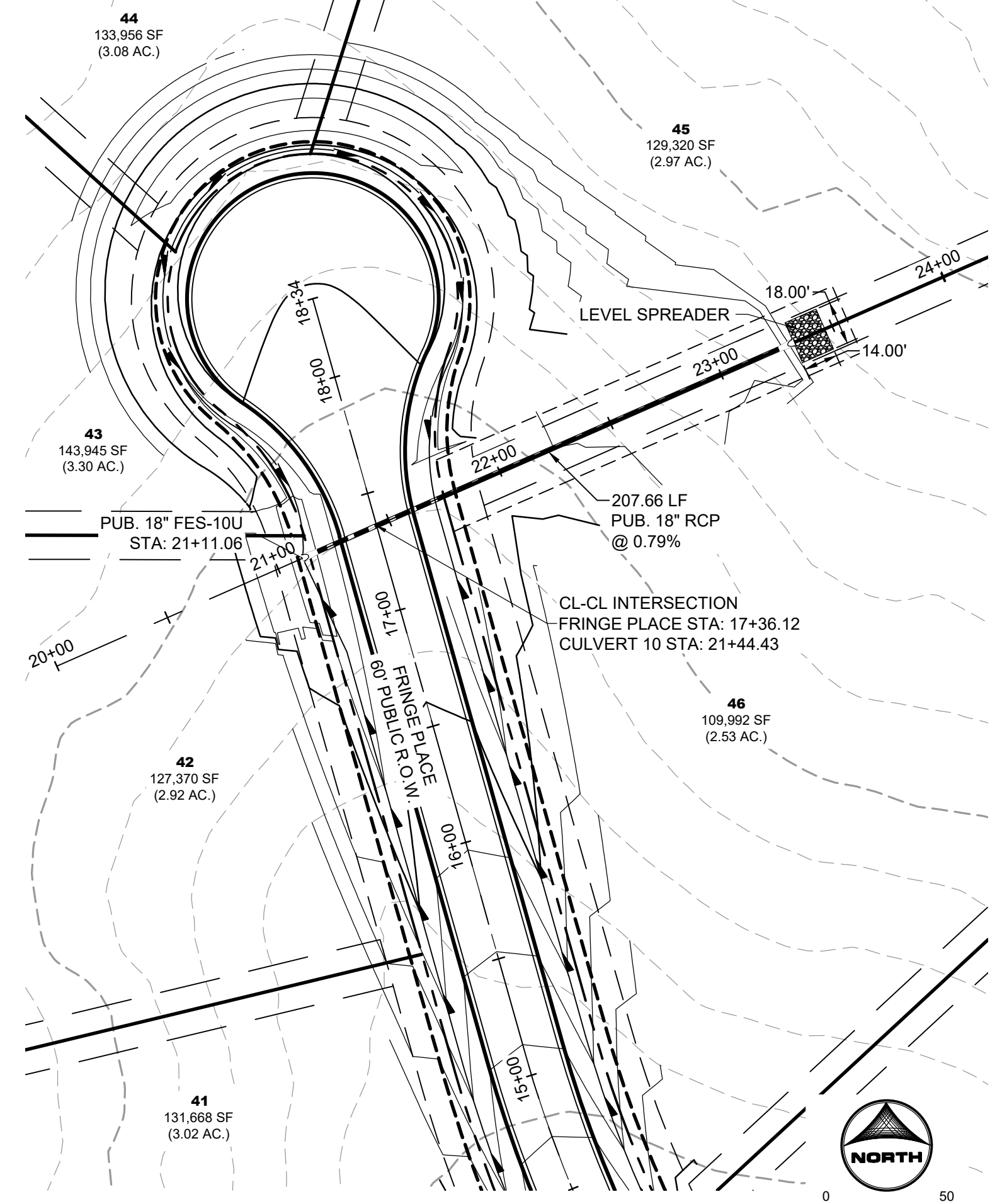
HRGreen
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 719.955.0044

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EL PASO COUNTY, CO

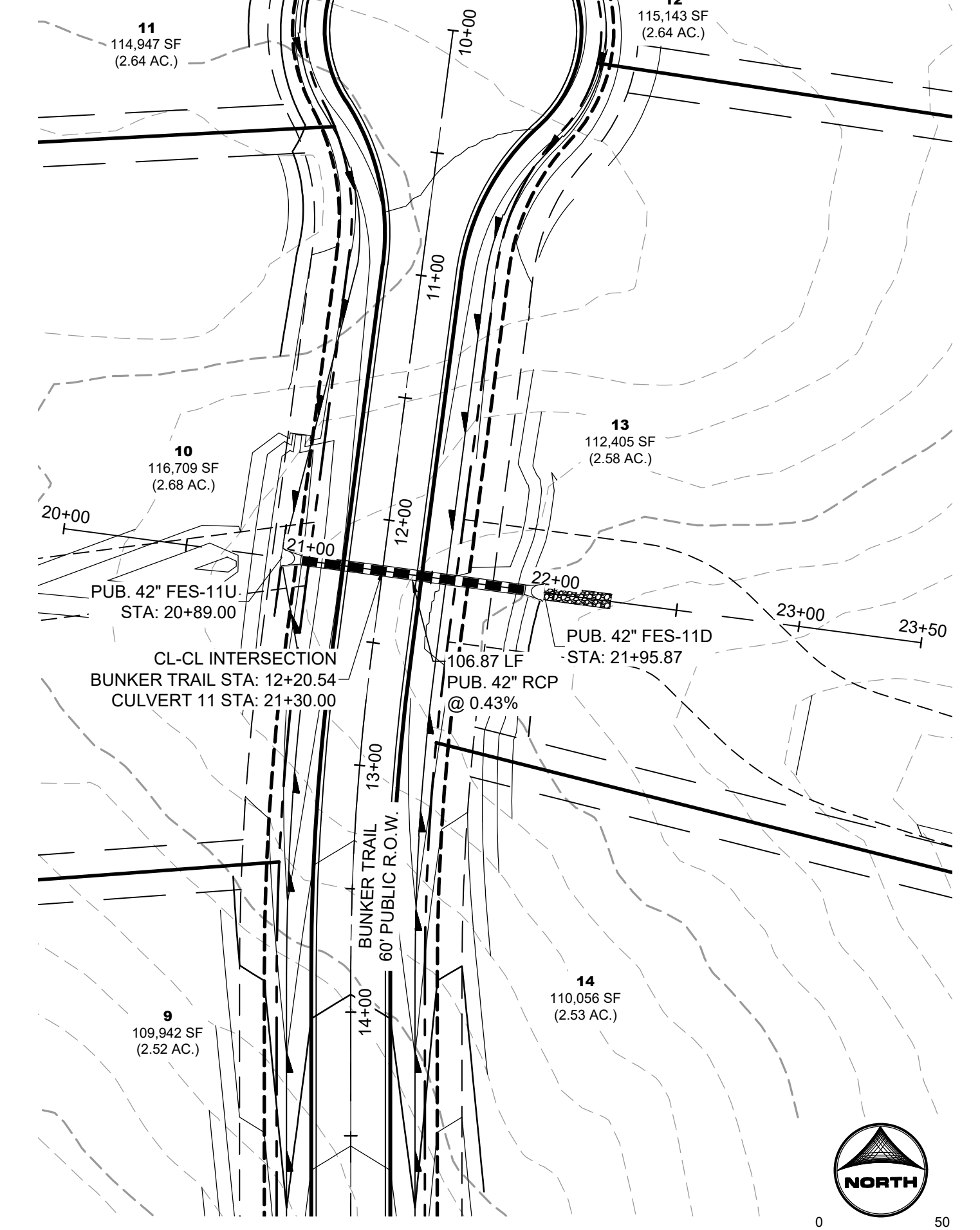
STORM SEWER PLAN & PROFILES
STORM CULVERTS

SHEET
STM 16

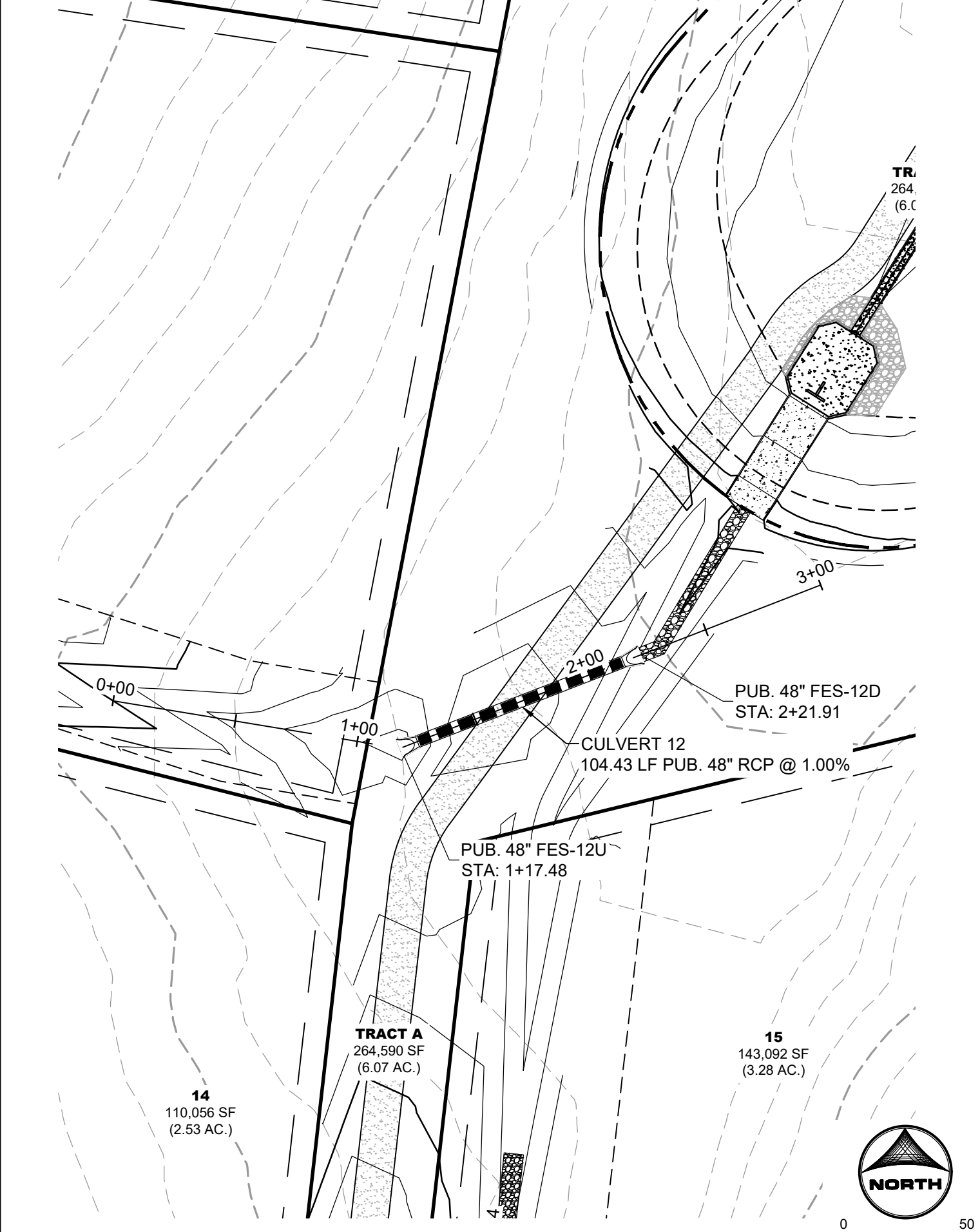




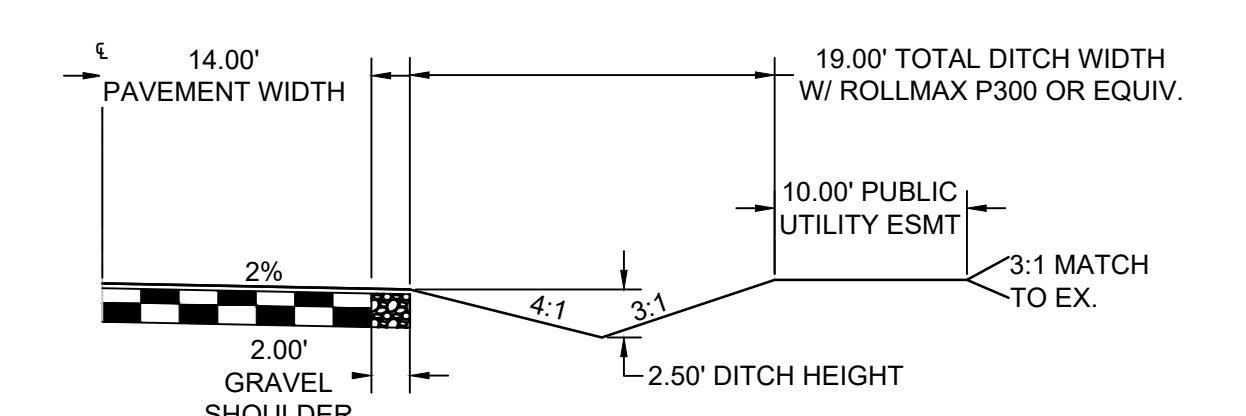
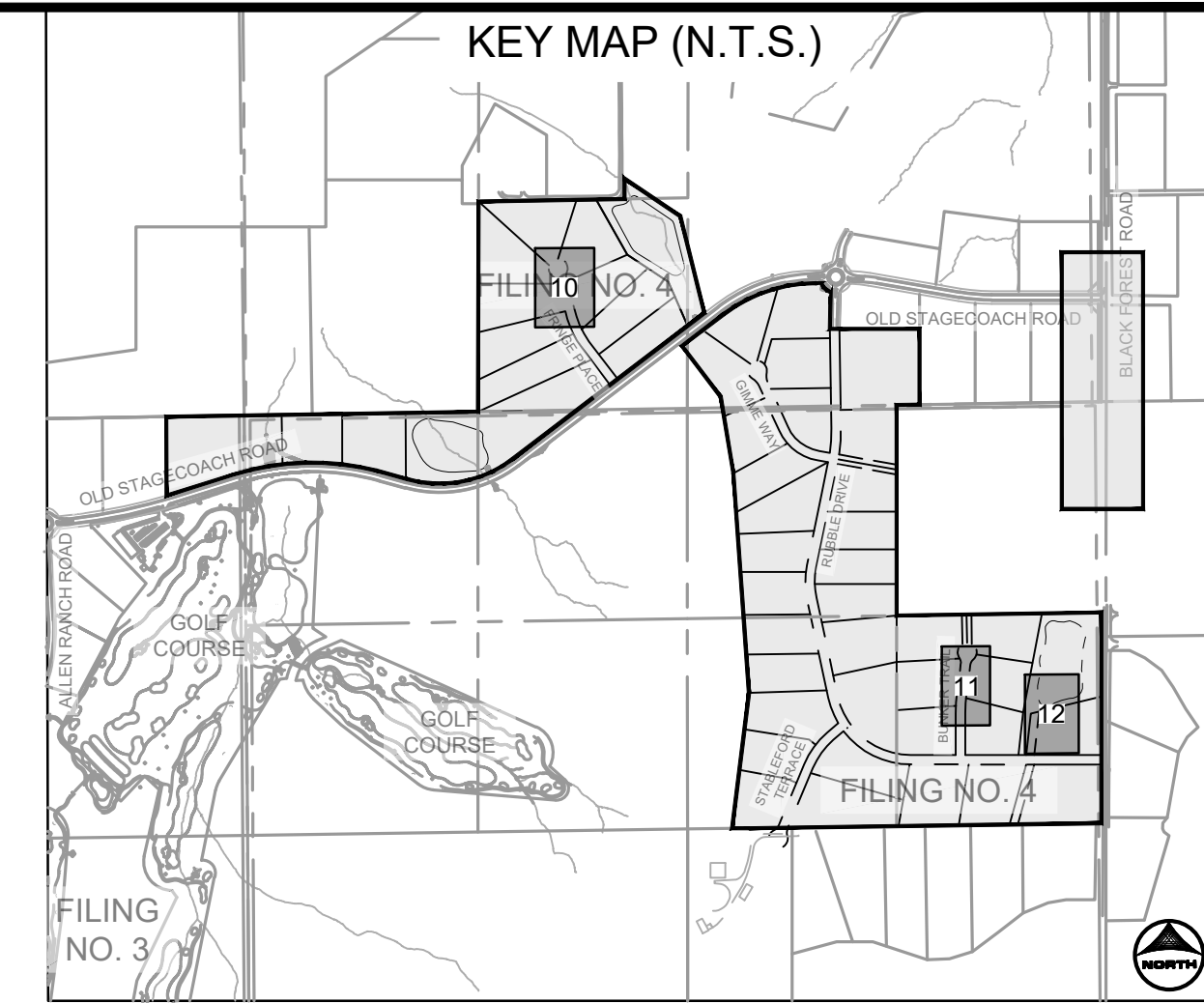
CULVERT 10
 PUB. STORM CULVERT PIPE WITHIN FRINGE PLACE
 PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL



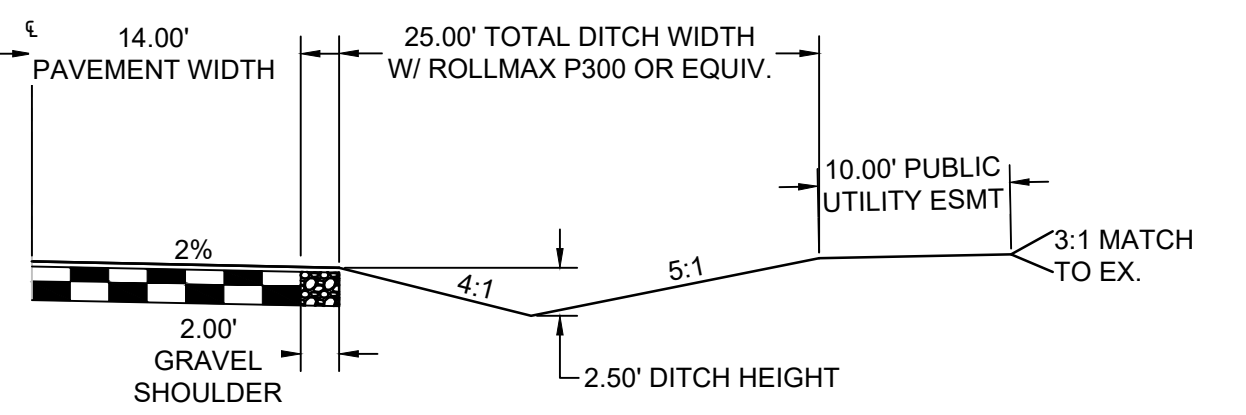
CULVERT 11
 PUB. STORM CULVERT PIPE WITHIN BUNKER TRAIL
 PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL



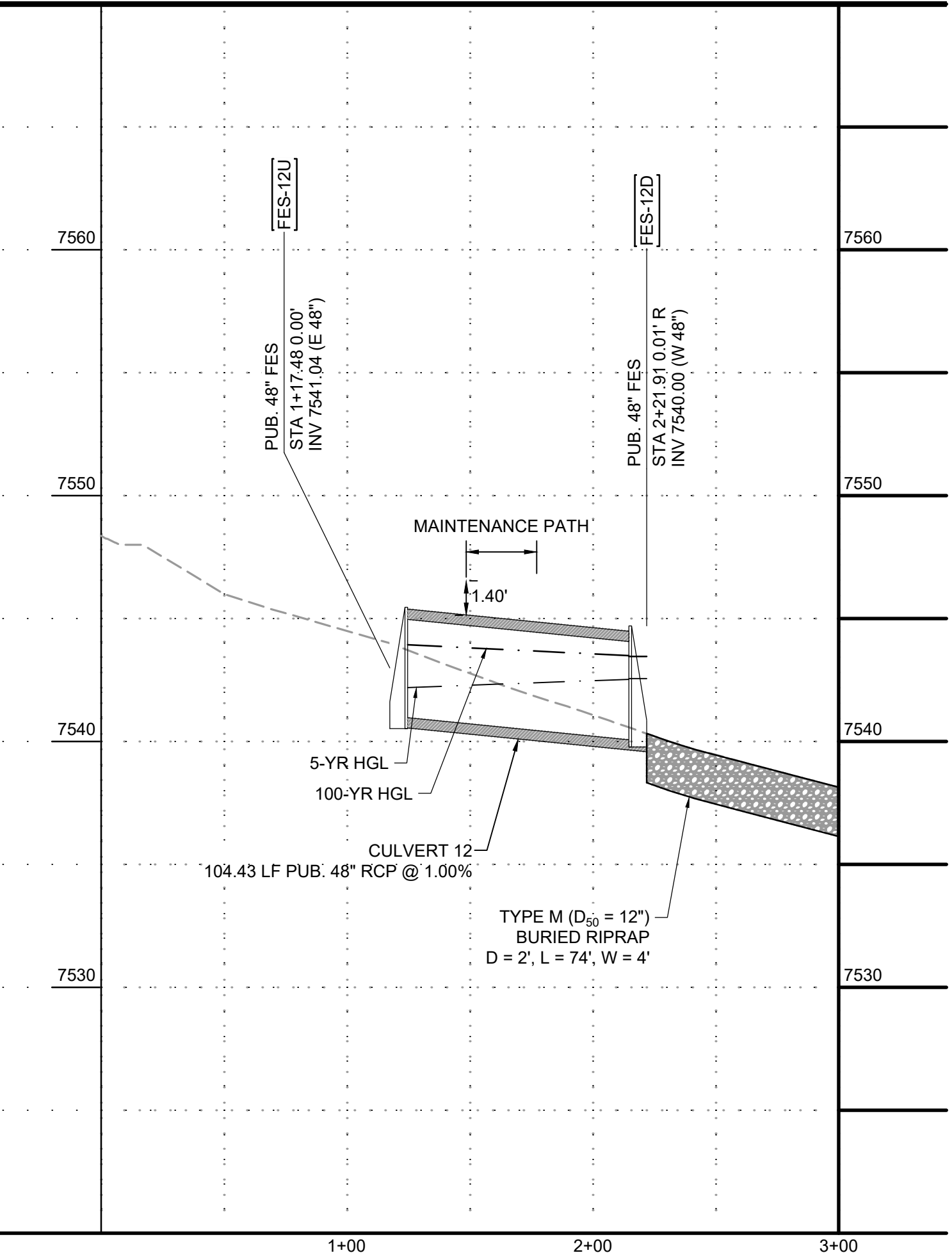
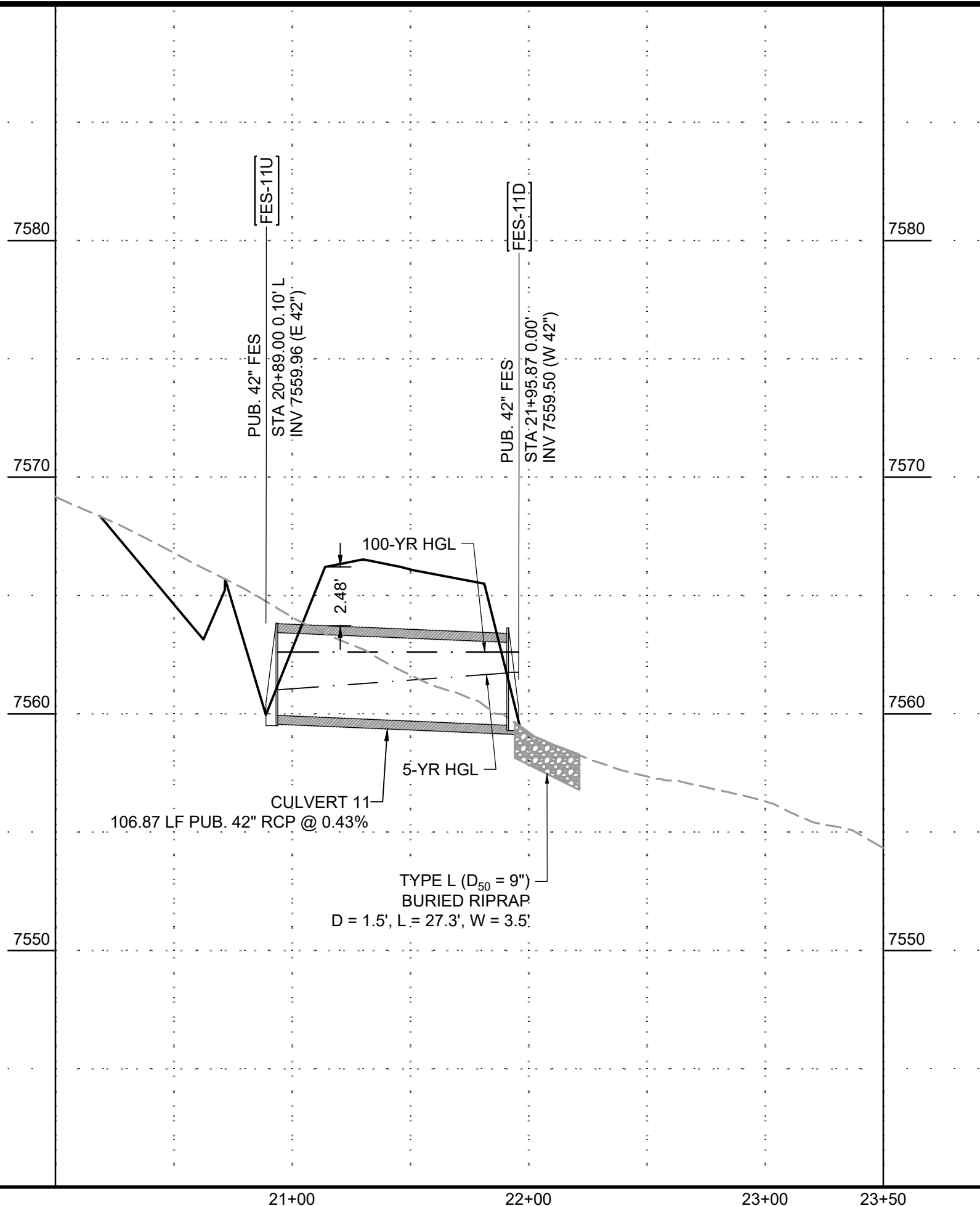
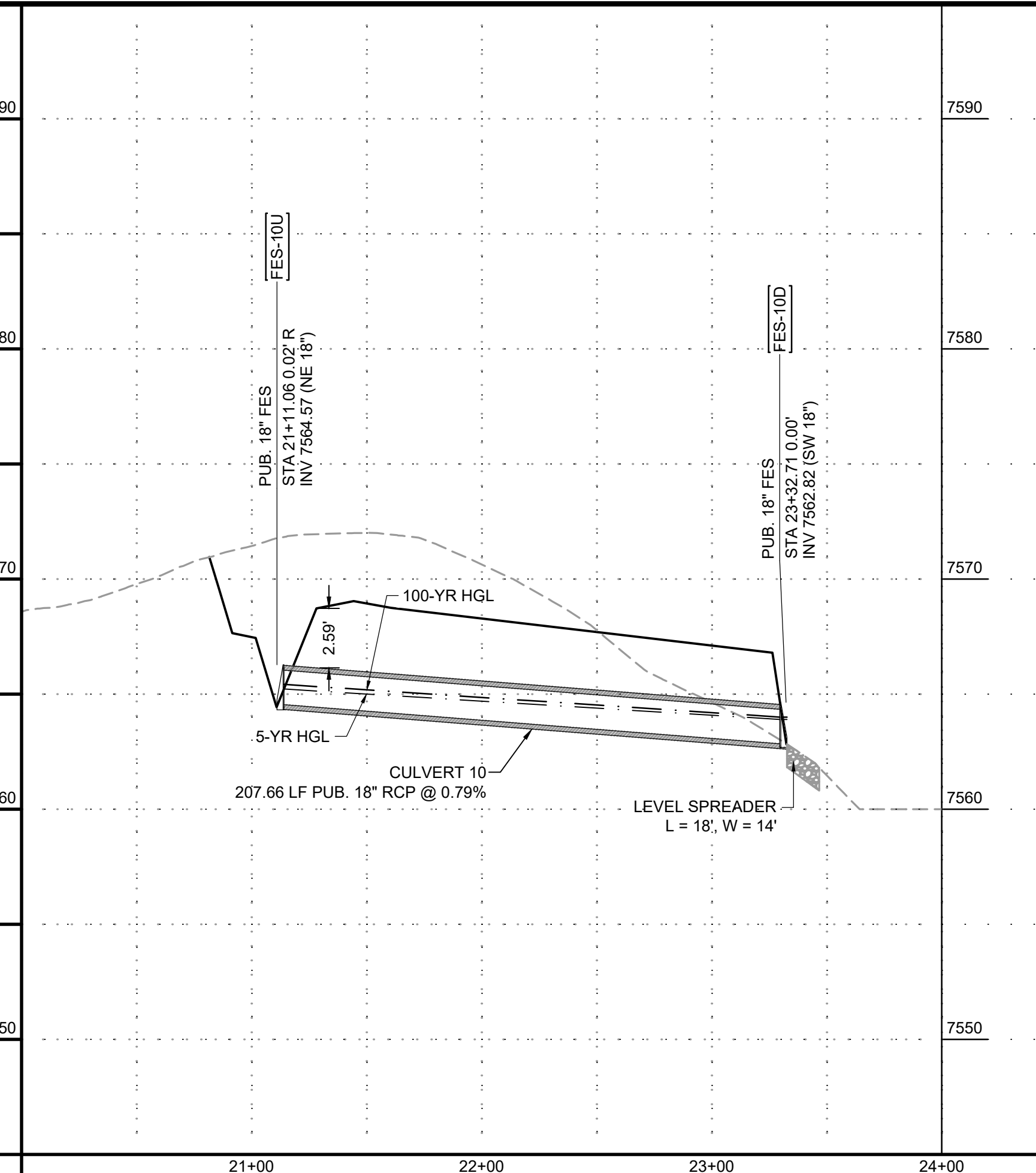
CULVERT 12
 PUB. STORM CULVERT PIPE



TYPICAL ROADSIDE DITCH SECTION
 SCALE: 1"=10'
 (ROADS USING THIS SECTION: A PORTION OF RUBLE DRIVE, GIMME WAY, STABLEFORD TERRACE, BUNKER TRAIL, & FRINGE PLACE)

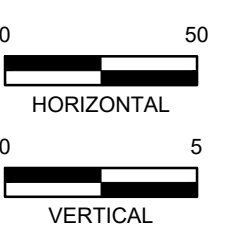


EXPANDED ROADSIDE DITCH SECTION
 SCALE: 1"=10'
 (ROADS USING THIS SECTION: EAST SIDE OF FRINGE PLACE)



PROFILE LEGEND

- EXISTING GROUND AT PIPE ALIGNMENT
- PROPOSED GRADE AT PIPE ALIGNMENT



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 APPROVED: RDL JOB NUMBER: 211030.240
 CAD DATE: 12/5/2024
 CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing_No_4\Storm_PNP

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 1975 RESEARCH PARKWAY SUITE 160
 COLORADO SPRINGS, CO 80920
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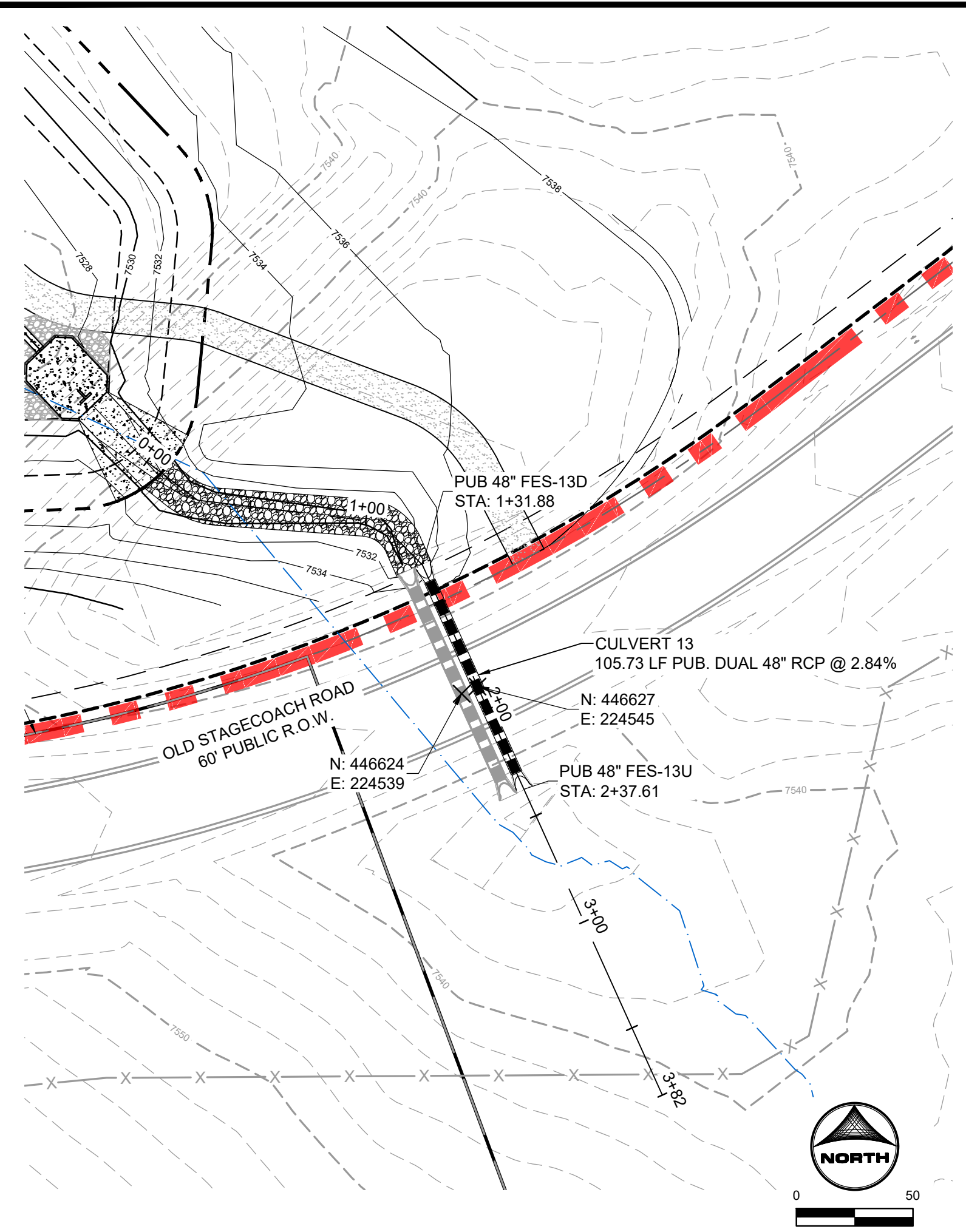
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PRI #2, LLC.
 EL PASO COUNTY, CO

STORM SEWER PLAN & PROFILES
STORM CULVERTS

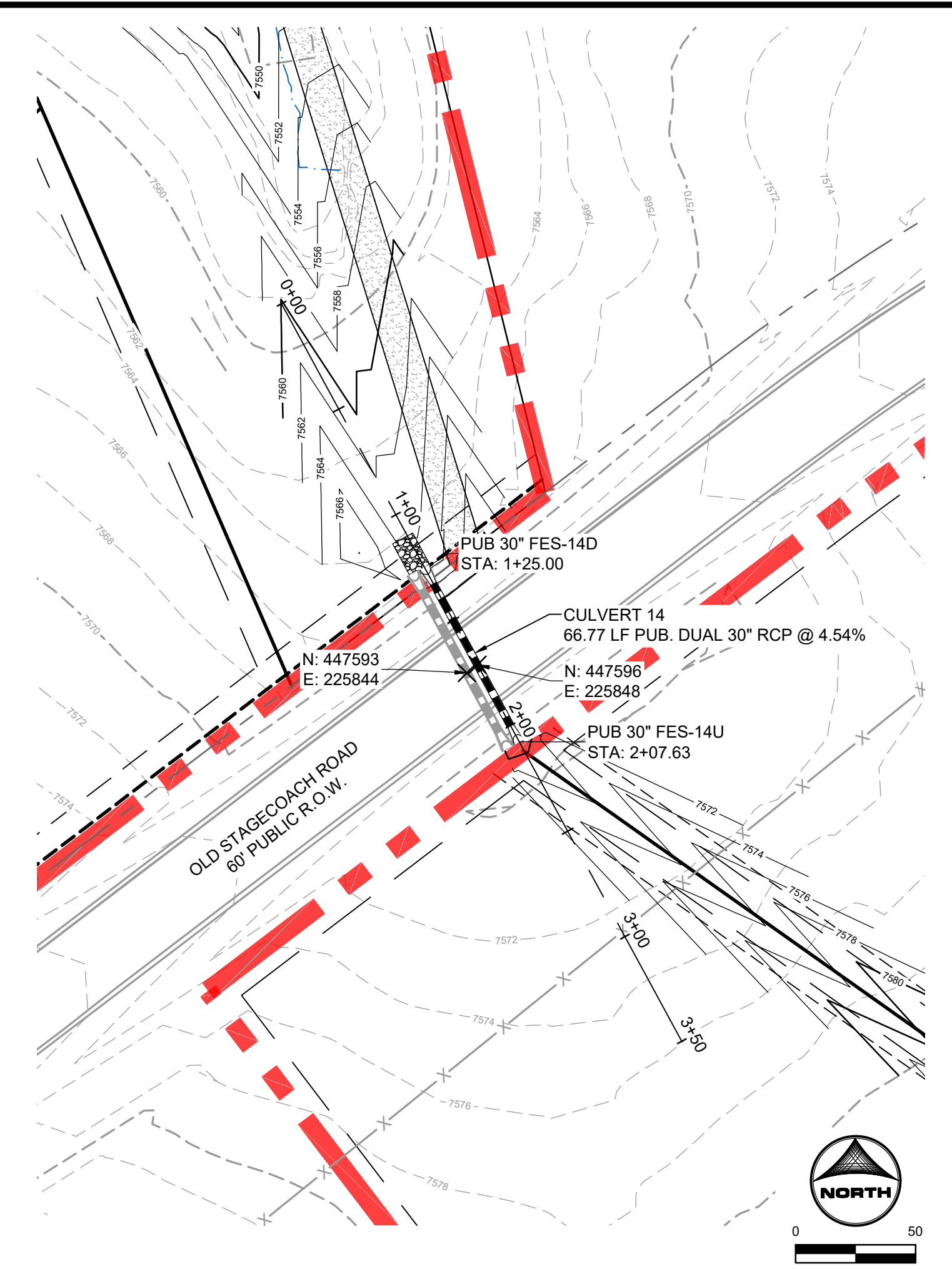
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17



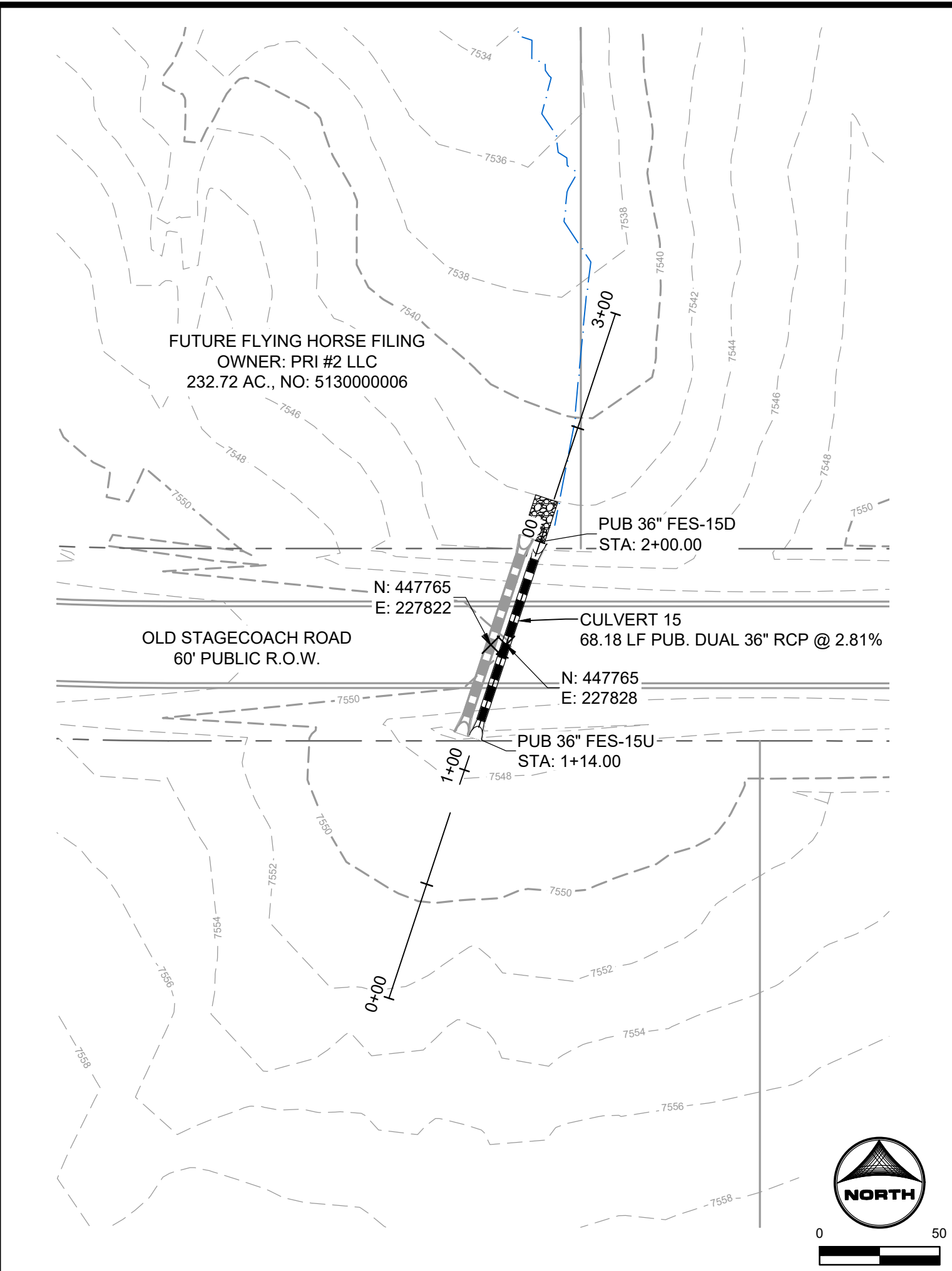
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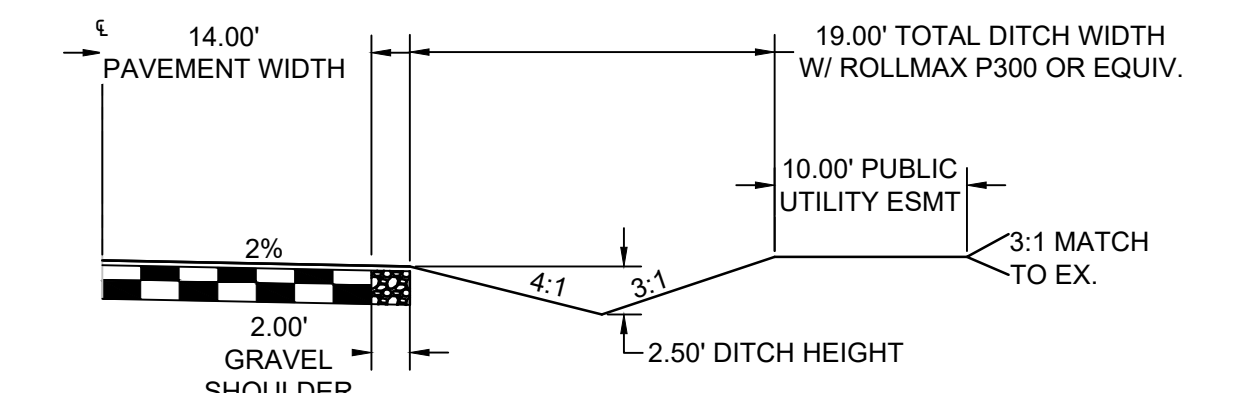
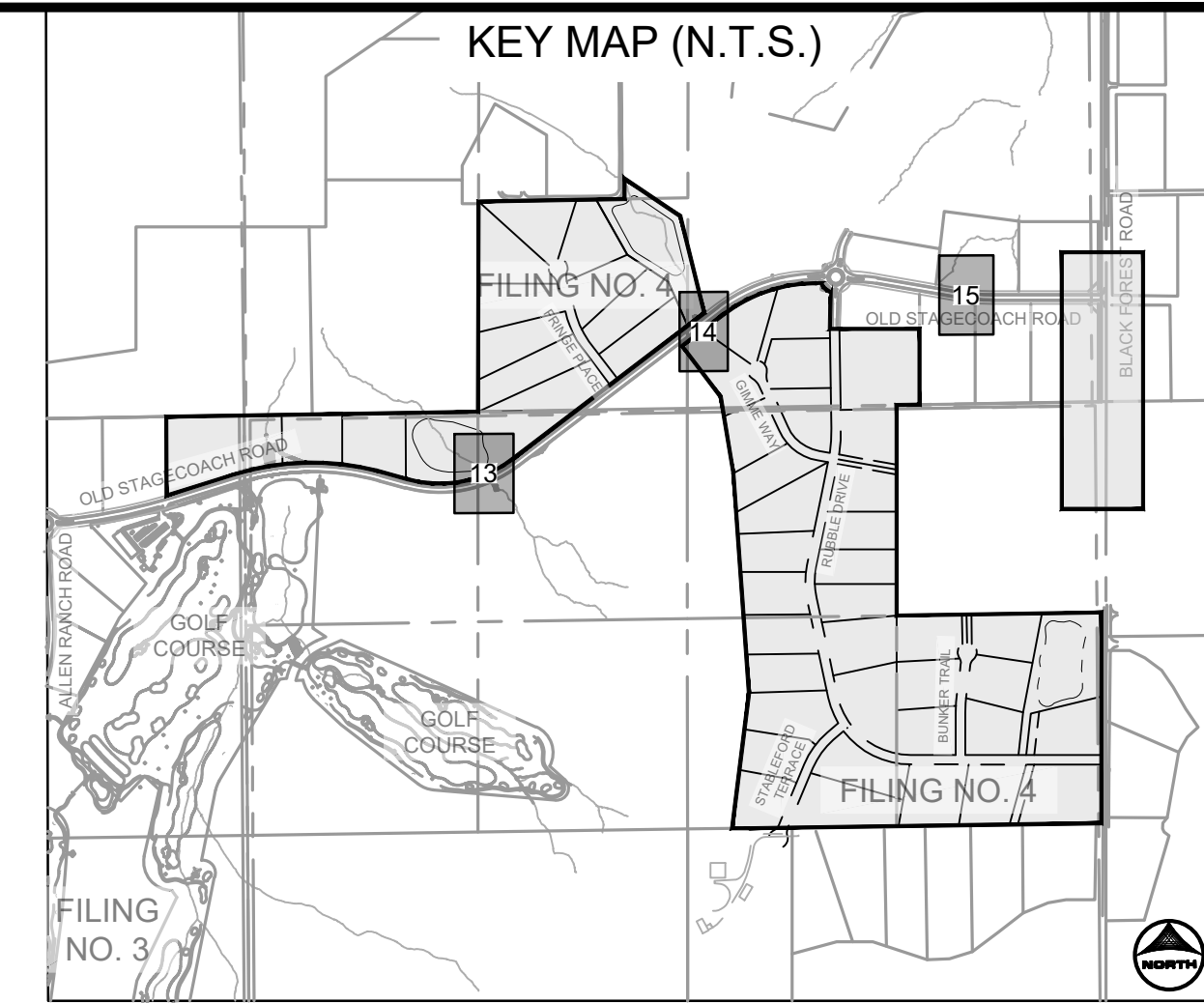
CULVERT 13
 PUB. STORM CULVERT PIPE WITHIN OLD STAGECOACH ROAD
 PUB. 80' R.O.W. - COLLECTOR



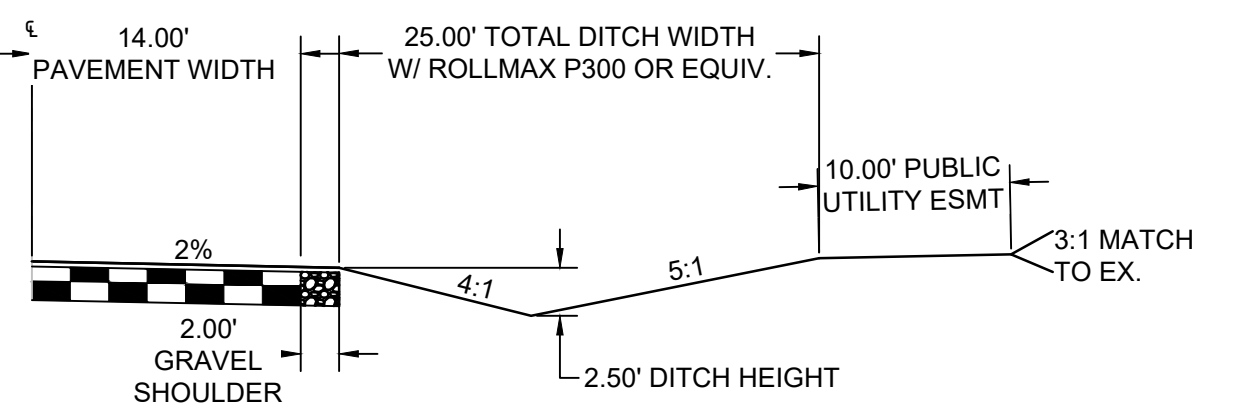
CULVERT 14
 PUB. STORM CULVERT PIPE WITHIN OLD STAGECOACH
 PUB. 80' R.O.W. - COLLECTOR



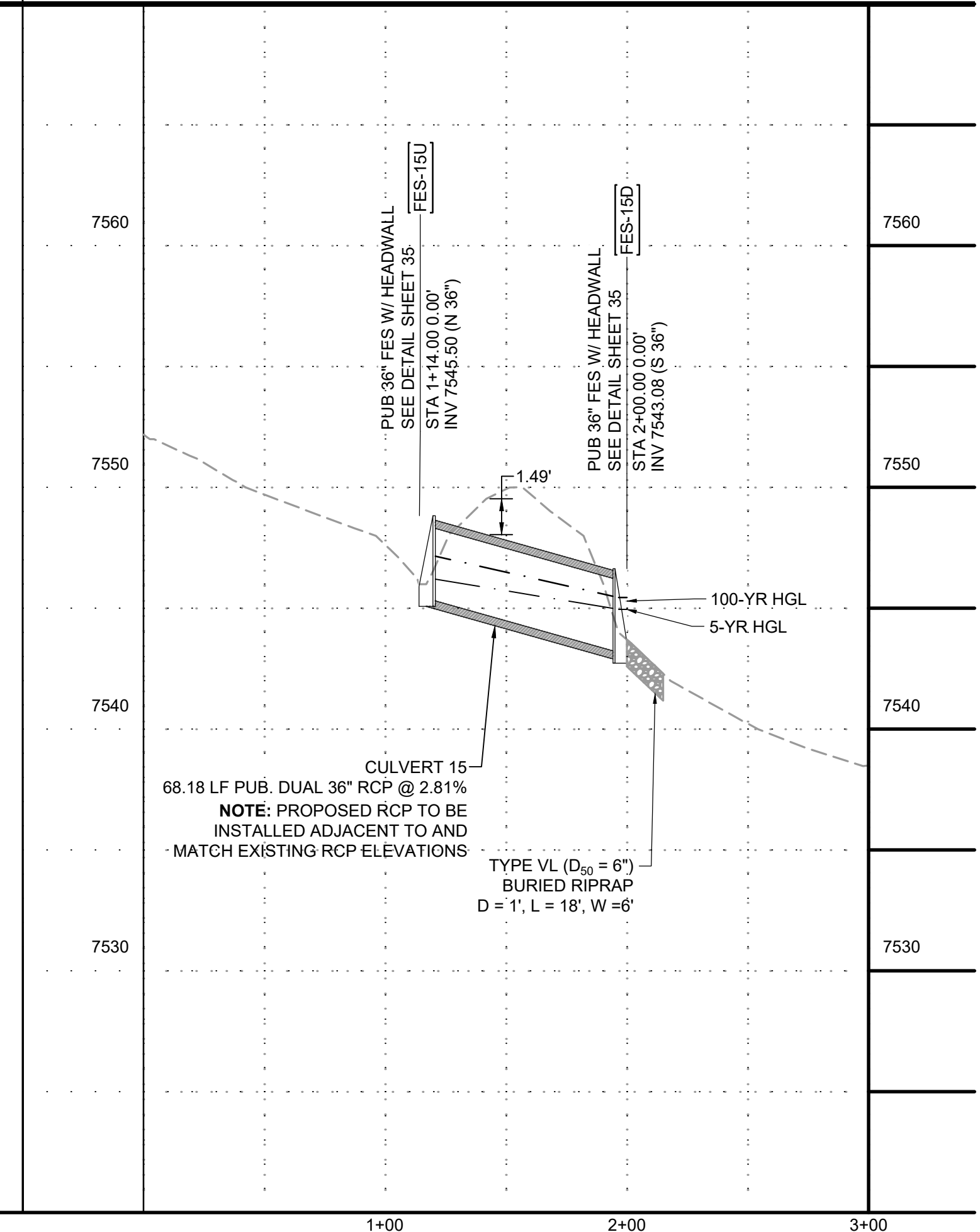
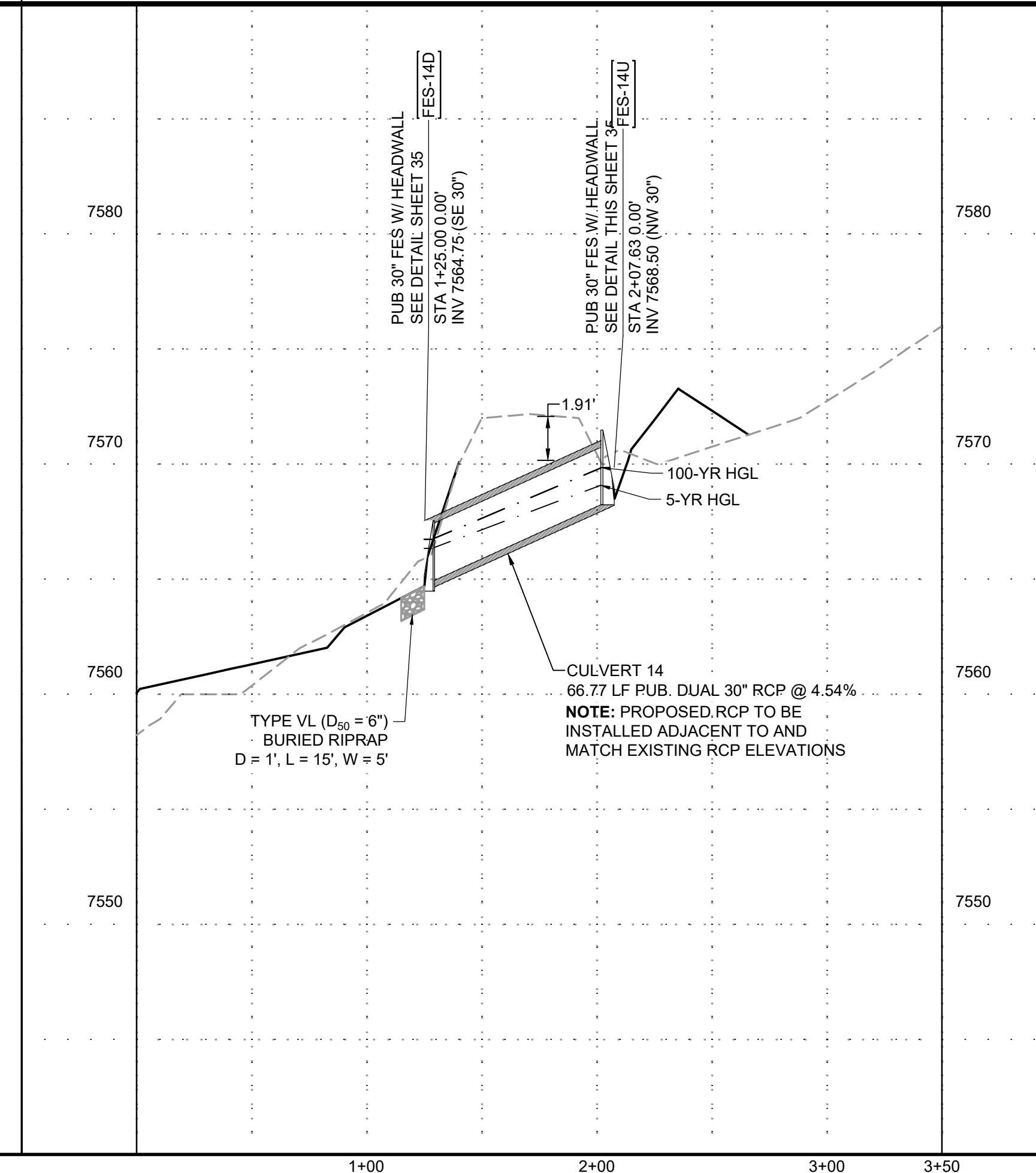
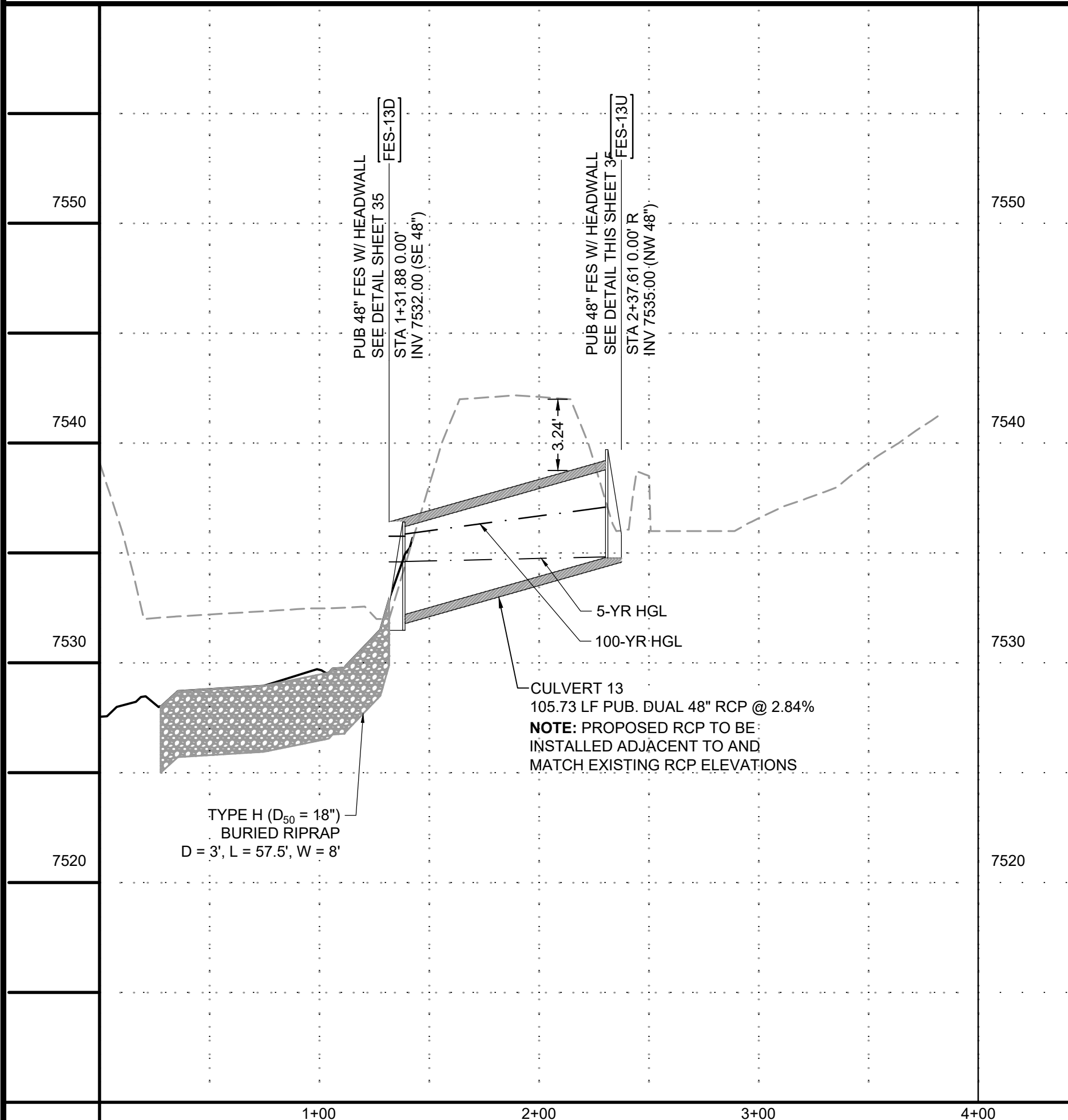
CULVERT 15
 PUB. STORM CULVERT PIPE WITHIN OLD STAGE COACH
 PUB. 80' ROW - COLLECTOR



TYPICAL ROADSIDE DITCH SECTION
 SCALE: 1"=10'
 (ROADS USING THIS SECTION: A PORTION OF RUBLE DRIVE, GIMME WAY, STABLEFORD TERRACE, BUNKER TRAIL, & FRINGE PLACE)

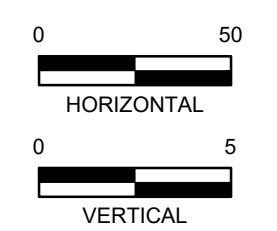


EXPANDED ROADSIDE DITCH SECTION
 SCALE: 1"=10'
 (ROADS USING THIS SECTION: EAST SIDE OF FRINGE PLACE)



PROFILE LEGEND

- EXISTING GROUND AT PIPE ALIGNMENT
- PROPOSED GRADE AT PIPE ALIGNMENT



PCD FILE NO.: SF2422

DRAWN BY: CMD JOB DATE: 11/26/2024 BAR IS ONE INCH ON OFFICIAL DRAWINGS.
 APPROVED: RDL JOB NUMBER: 211030.240 0" = 10'
 CAD DATE: 12/5/2024 IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
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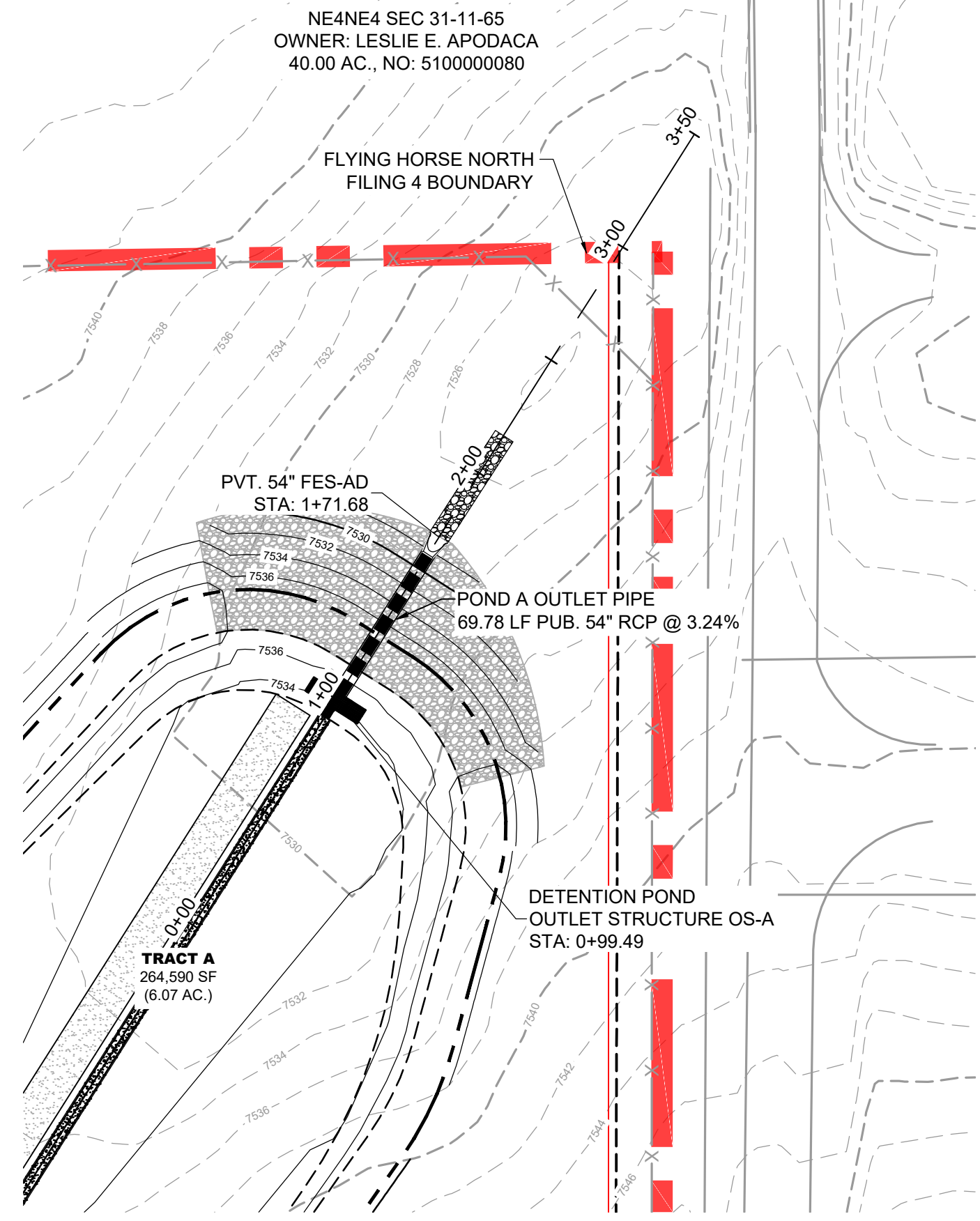
NO.	DATE	BY	REVISION DESCRIPTION

HRGreen HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 160
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

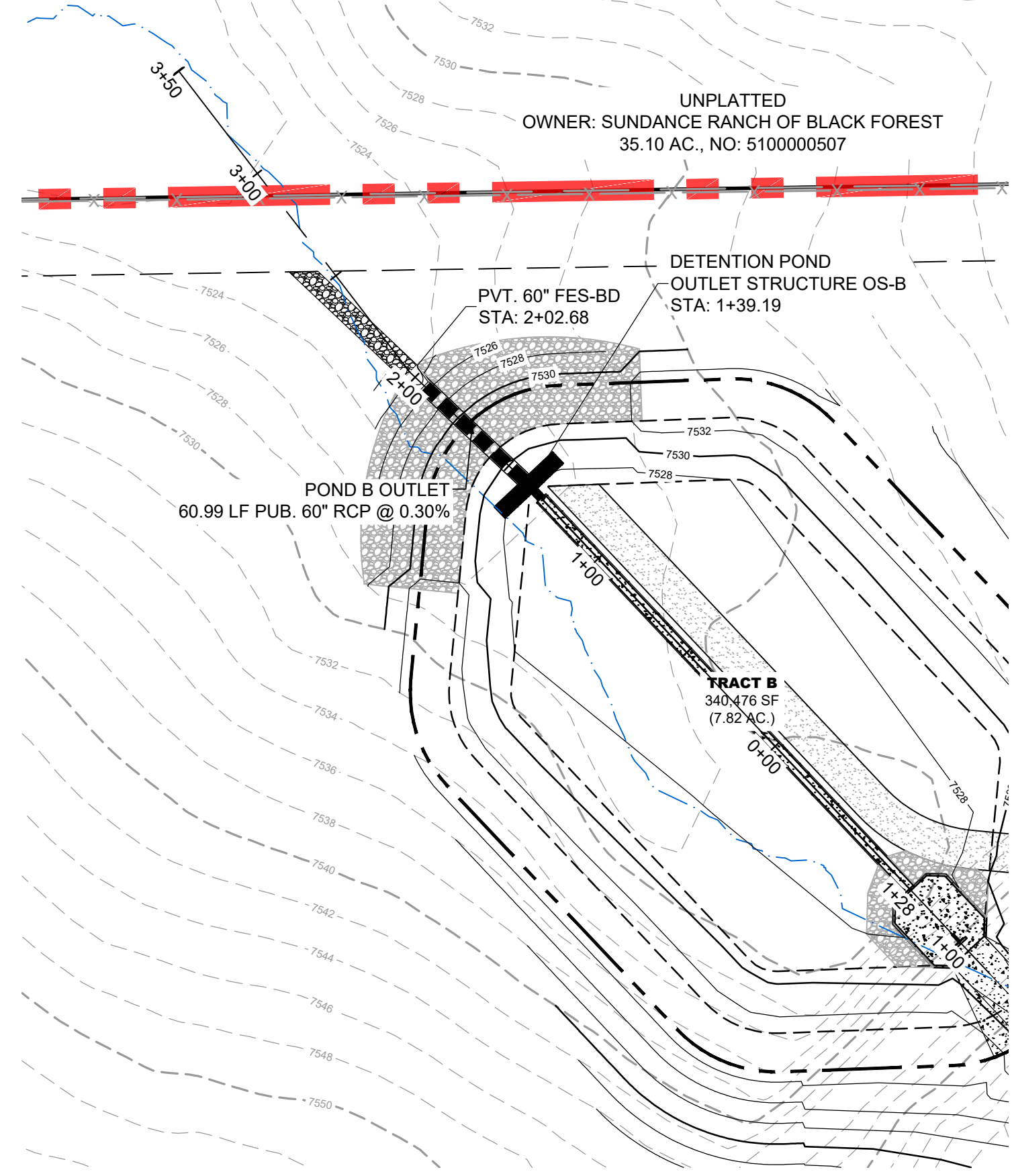
FLYING HORSE NORTH FILING 4
PRI #2, LLC.
 EL PASO COUNTY, CO

STORM SEWER PLAN & PROFILES
STORM CULVERTS

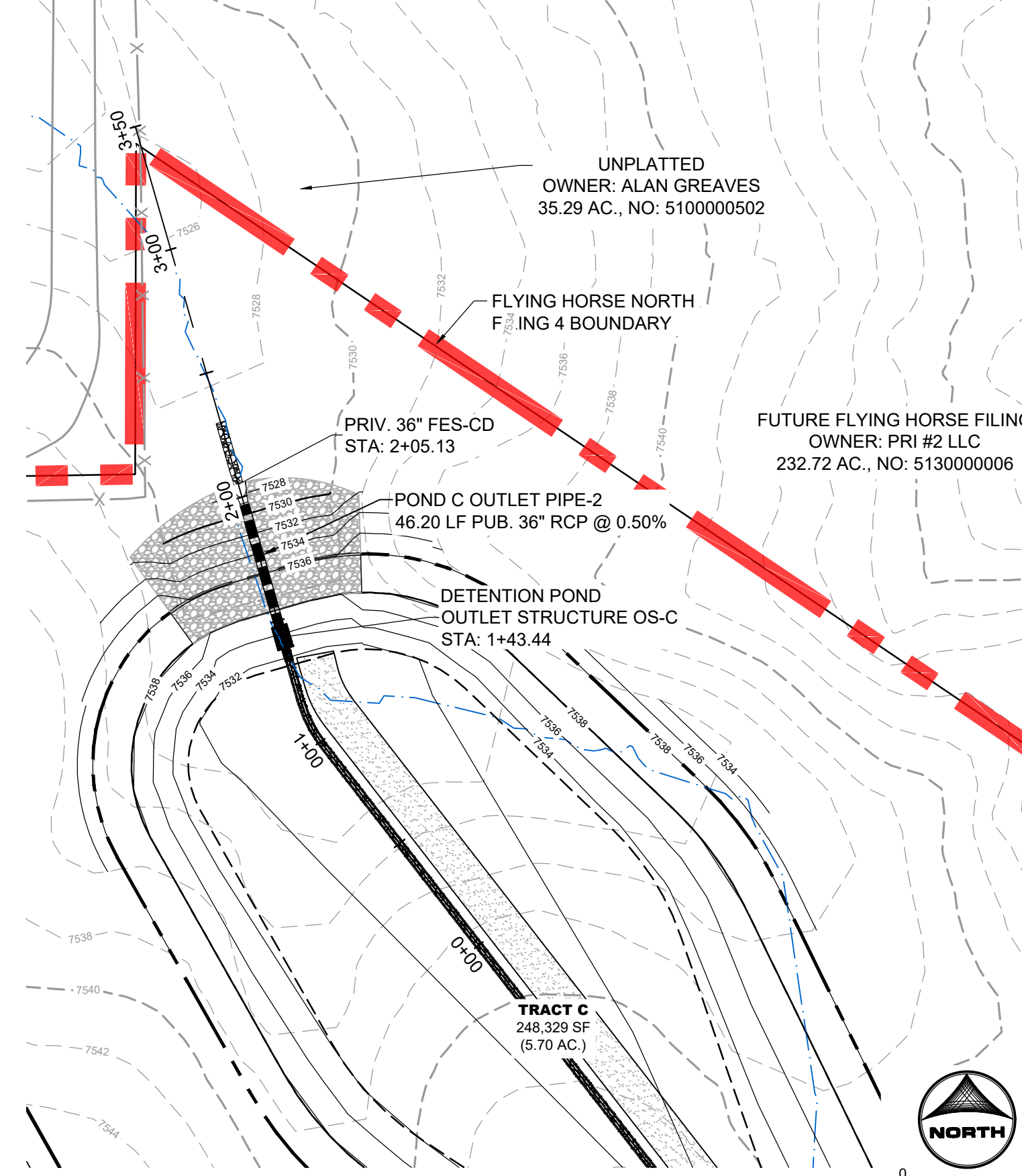
SHEET
STM **18**



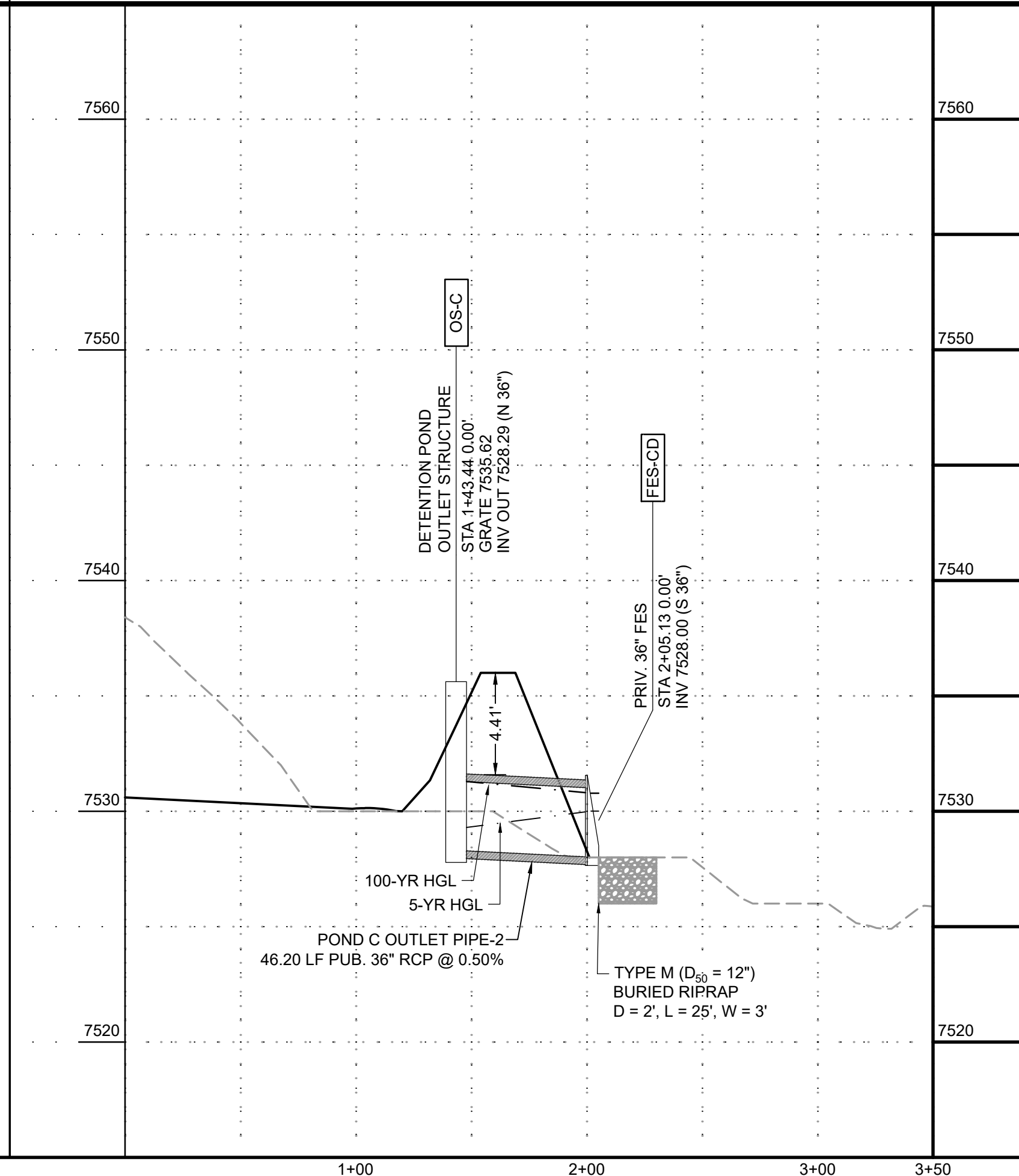
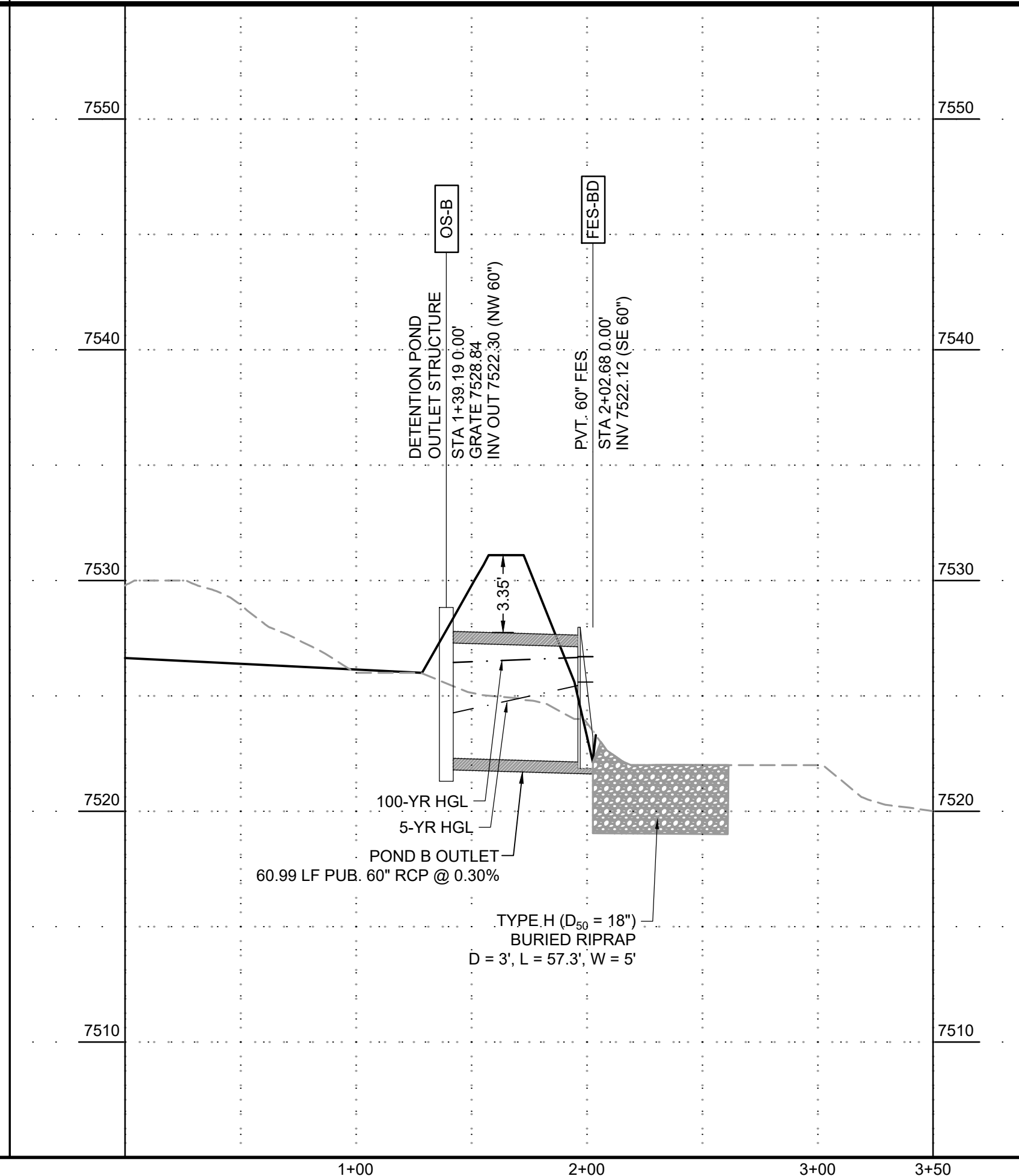
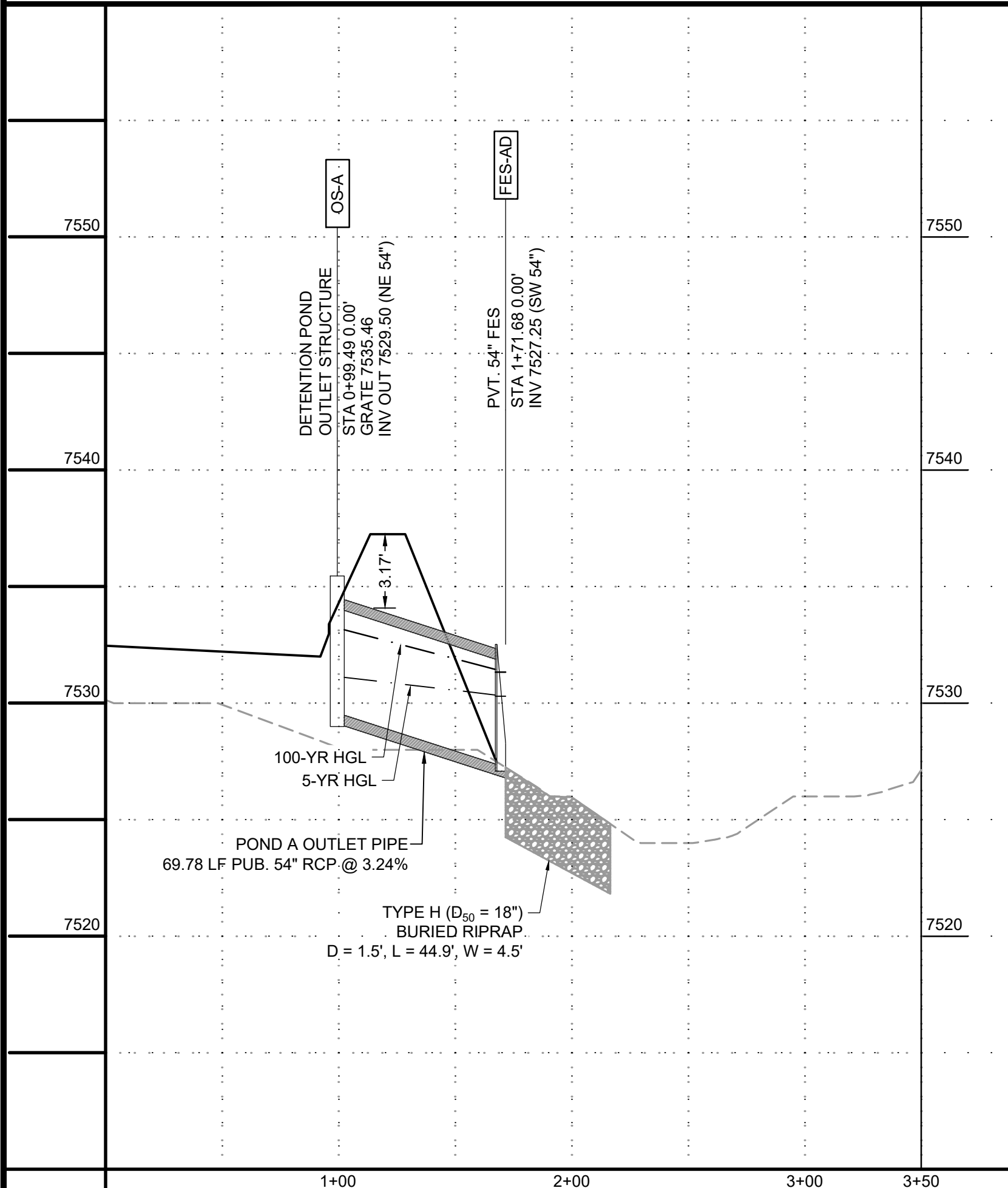
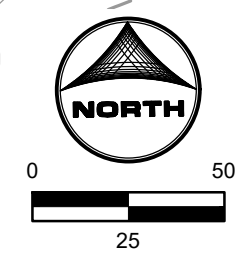
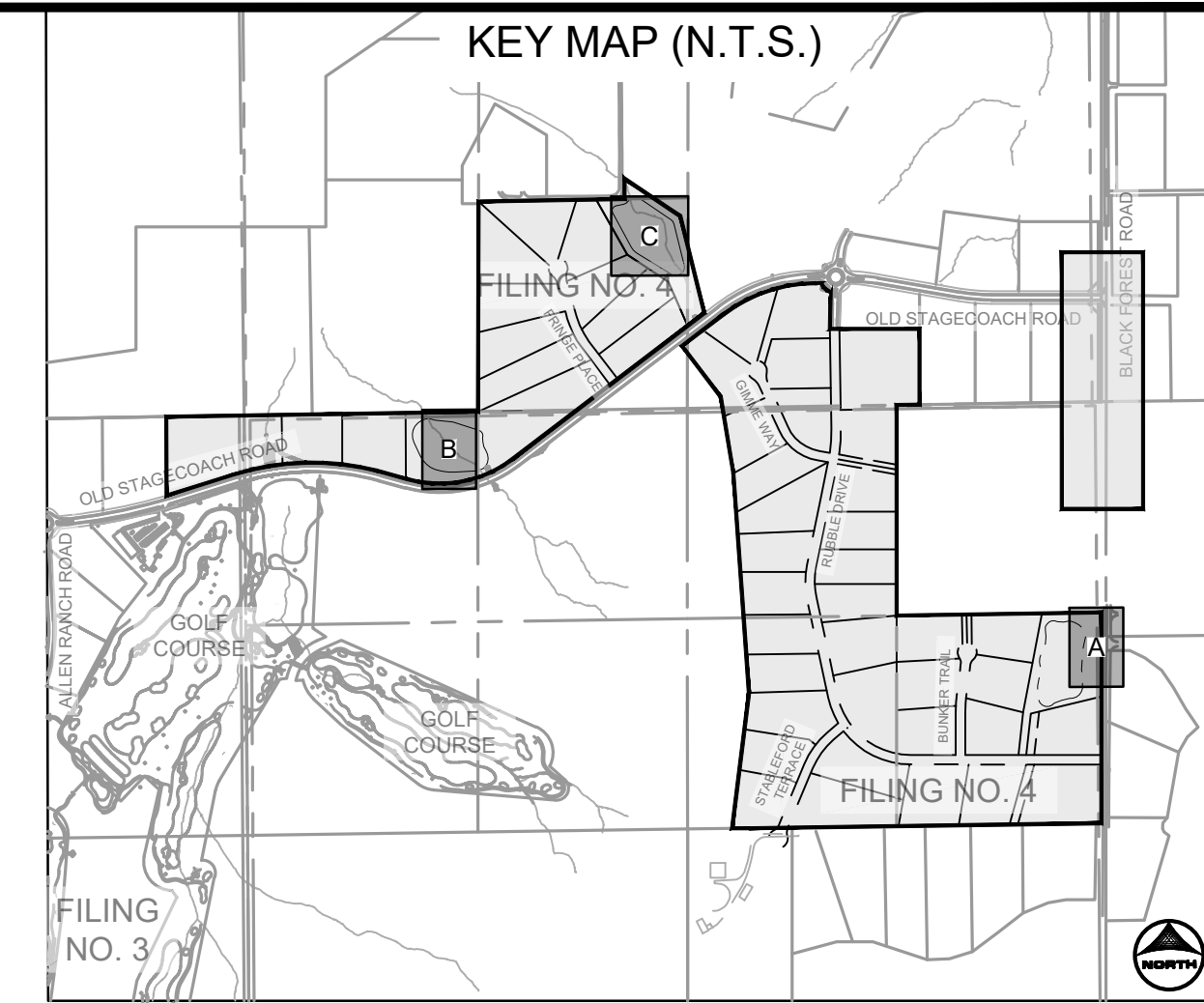
POND A OUTLET
PVT. STORM CULVERT PIPE WITHIN TRACT A



POND B OUTLET
PVT. STORM CULVERT PIPE WITHIN TRACT B

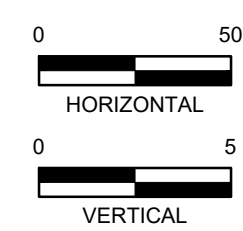


POND C OUTLET
PVT. STORM CULVERT PIPE WITHIN TRACT C



PROFILE LEGEND

- EXISTING GROUND AT PIPE ALIGNMENT
- PROPOSED GRADE AT PIPE ALIGNMENT



PCD FILE NO.: SF2422

DRAWN BY: CMD JOB DATE: 11/26/2024 BAR IS ONE INCH ON OFFICIAL DRAWINGS.

APPROVED: RDL JOB NUMBER: 211030.240 0" = 1"

CAD DATE: 12/5/2024 IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing_No_4\Storm_PNP

NO.	DATE	BY	REVISION DESCRIPTION

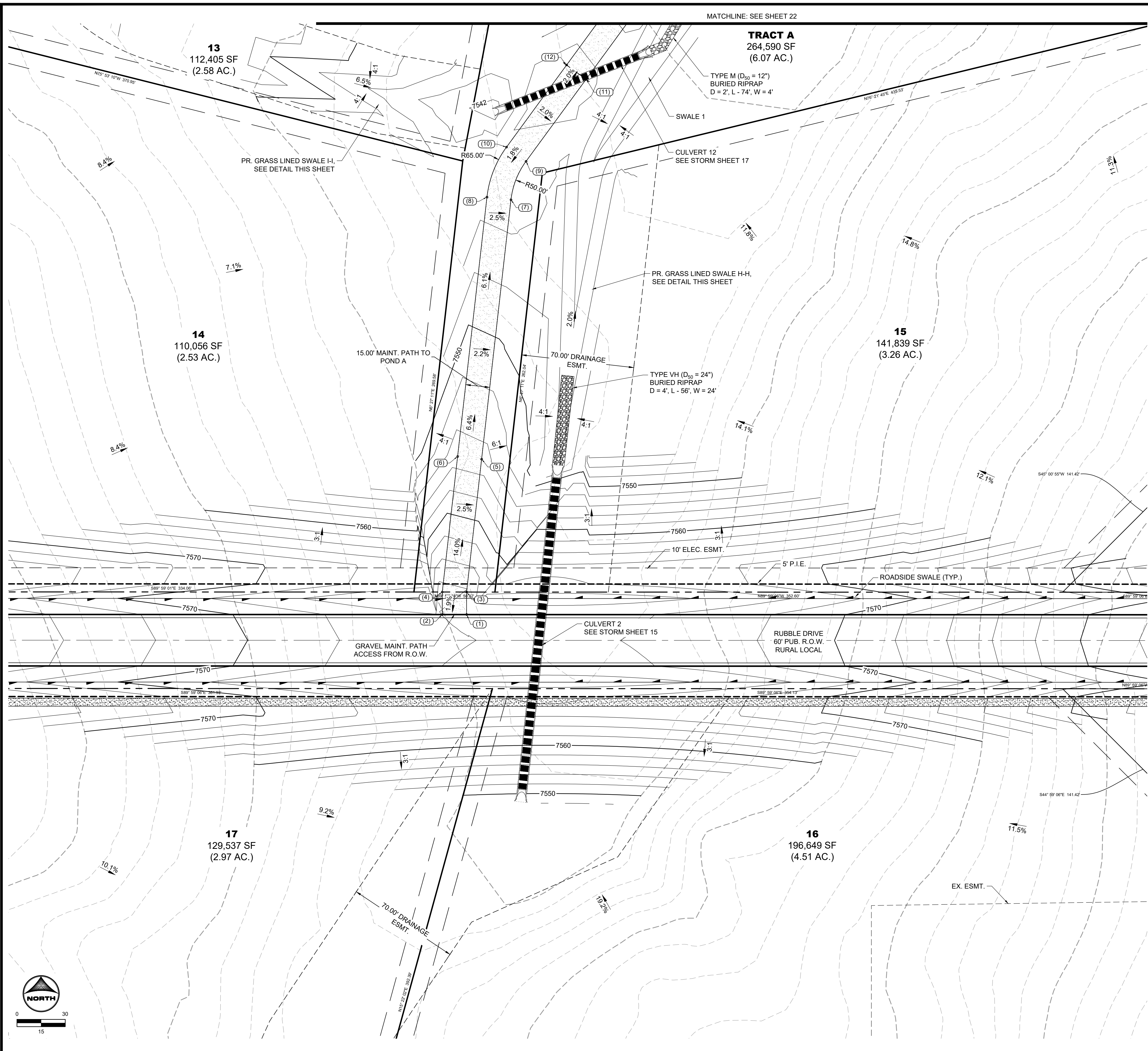
HRGreen HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140 FAX: 719.965.0044

FLYING HORSE NORTH FILING 4
PRI #2, LLC.
EL PASO COUNTY, CO

STORM SEWER PLAN & PROFILES
POND OUTLET PIPES

SHEET
STM **20**

HR GREEN - COLORADO SPRINGS 1975 RESEARCH PARKWAY SUITE 160 COLORADO SPRINGS, CO 80920 PHONE: 713.300.4140 FAX: 713.965.0044



MATCHLINE: SEE SHEET 22

TRACT A
264,590 SF
(6.07 AC.)

TYPE M (D₅₀ = 12")
BURIED RIPRAP
D = 2', L = 74', W = 4'

SWALE 1

CULVERT 12"
SEE STORM SHEET 17

PR. GRASS LINED SWALE H-H,
SEE DETAIL THIS SHEET

TYPE VH (D₅₀ = 24")
BURIED RIPRAP
D = 4', L = 56', W = 24'

15
141,839 SF
(3.26 AC.)

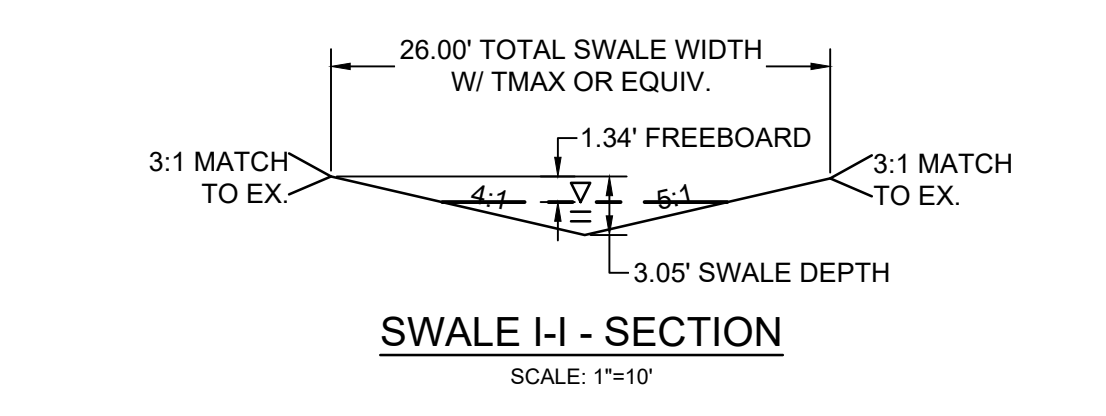
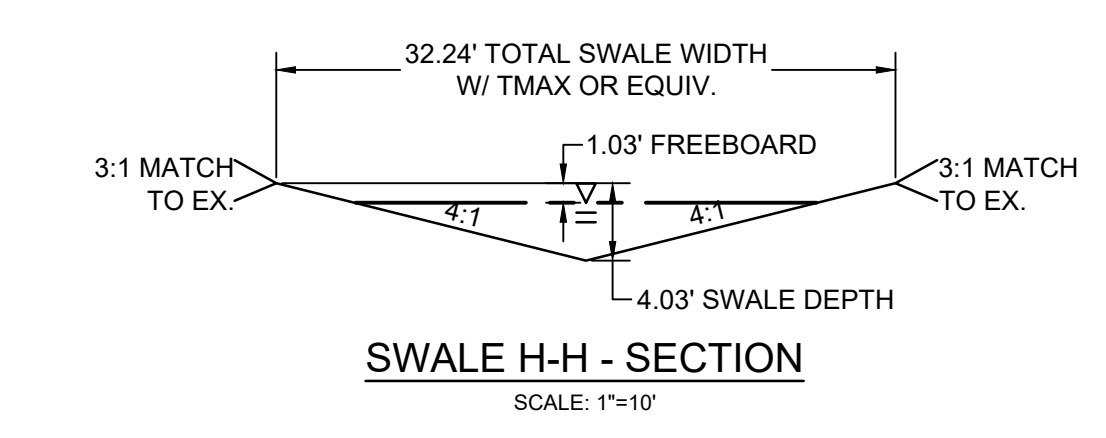
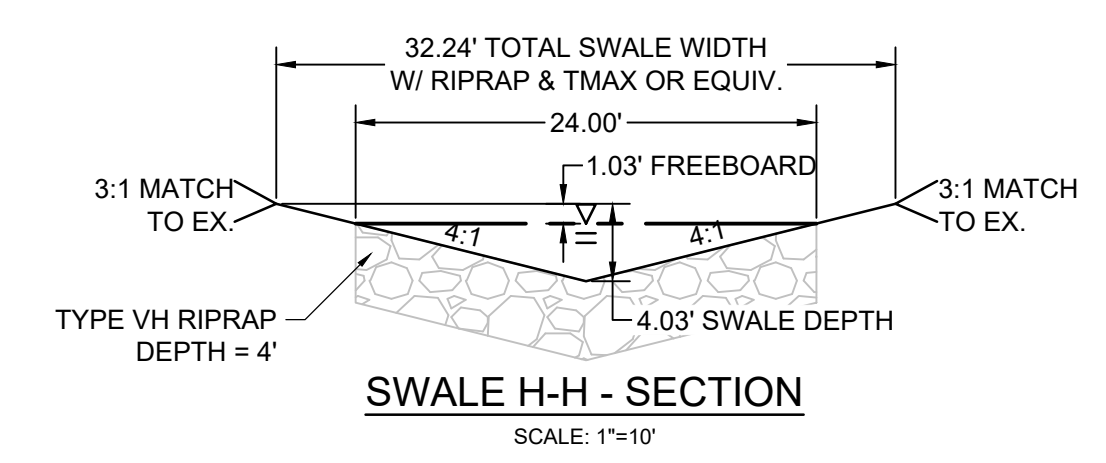
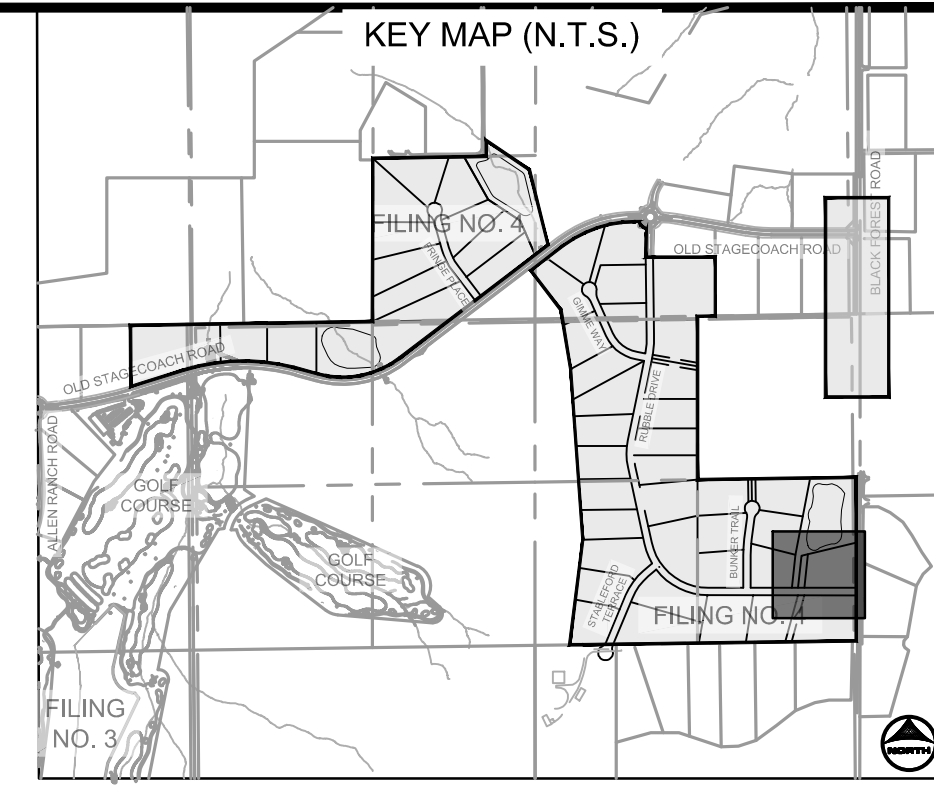
CULVERT 2
SEE STORM SHEET 15

RUBBLE DRIVE
60' PUB. R.O.W.
RURAL LOCAL

16
196,649 SF
(4.51 AC.)

17
129,537 SF
(2.97 AC.)

POINT TABLE			
No.	DESC.	NORTHING & EASTING	ELEV.
(1)	Begin Maint. Road	N: 444968.57 E: 227888.54	7565.66
(2)	Begin Maint. Road	N: 444968.57 E: 227873.44	7565.99
(3)	Maint. Road	N: 444882.57 E: 227888.54	7565.97
(4)	Maint. Road	N: 444882.57 E: 227873.45	7566.23
(5)	Maint. Road	N: 444965.10 E: 227897.88	7554.65
(6)	Maint. Road	N: 444965.79 E: 227897.88	7554.95
(7)	Maint. Road	N: 445126.31 E: 227912.11	7544.76
(8)	Maint. Road	N: 445128.00 E: 227901.20	7545.06
(9)	Maint. Road	N: 445150.21 E: 227925.44	7545.43
(10)	Maint. Road	N: 445150.07 E: 227913.33	7545.73
(11)	Maint. Road	N: 445201.24 E: 227962.77	7546.65
(12)	Maint. Road	N: 445210.10 E: 227950.66	7546.95



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 SHEET 2.

ABBREVIATIONS:

- T.O.W. - TOP OF WALL
- B.O.P. - BOTTOM OF POND
- T.O.P. - TOP OF POND
- T.C. - TRICKLE CHANNEL
- G.B. - GRADE BREAK



PCD FILE NO.: SF2422

DRAWN BY: CMD	JOB DATE: 12/5/24	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: RDL	JOB NUMBER: 211030.240	0" = 1"
CAD DATE: 8/19/2024		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing_No_4\Pond_A_Grading		

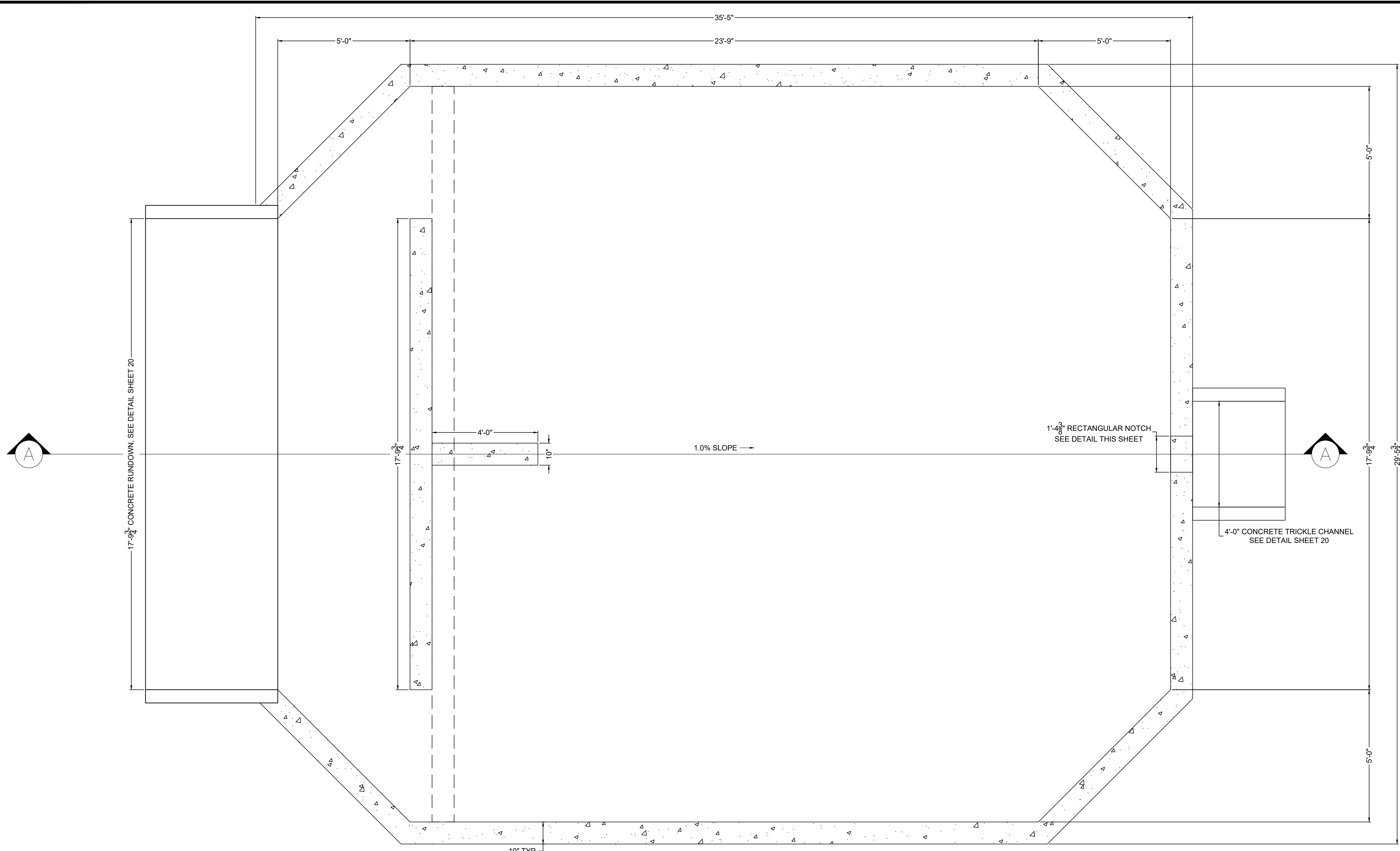
NO.	DATE	BY	REVISION DESCRIPTION

HRGreen HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 713.300.4140
FAX: 713.965.0044

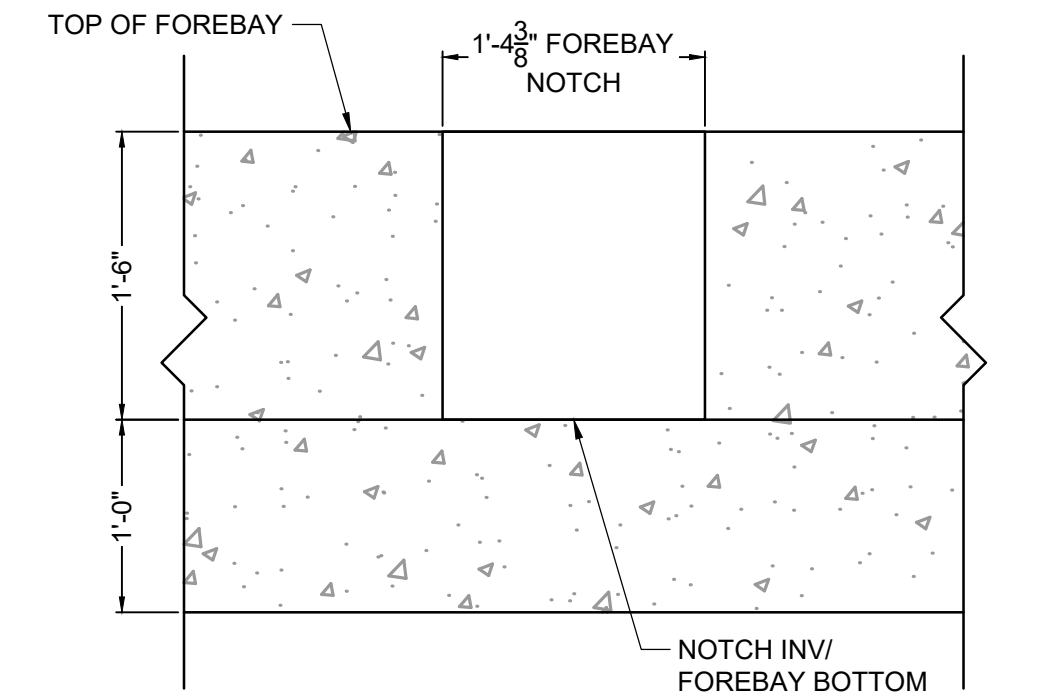
FLYING HORSE NORTH FILING 4
PRI #2, LLC.
EL PASO COUNTY, CO

DRAINAGE DETAILS
POND A GRADING PLAN

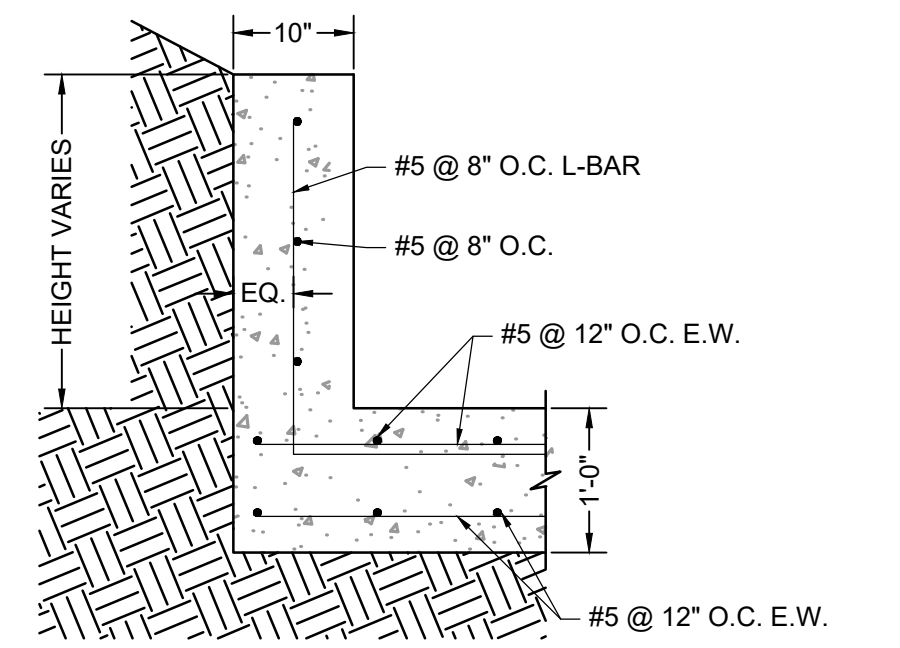
SHEET
PND
21



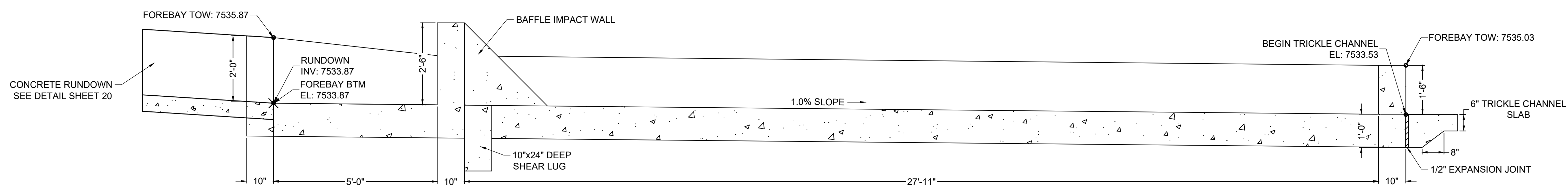
PLAN VIEW
FOREBAY A
SCALE: 1"=2'



FOREBAY A NOTCH DETAIL
SCALE: NTS



ELEVATION VIEW
FOREBAY REINFORCING DETAIL
SCALE: NTS



SECTION VIEW A-A
FOREBAY A
SCALE: 1"=2'

DRAWN BY: CMD	JOB DATE: 10/31/24	BAR IS ONE INCH ON OFFICIAL DRAWINGS. IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
APPROVED: RDL	JOB NUMBER: 211030.240	
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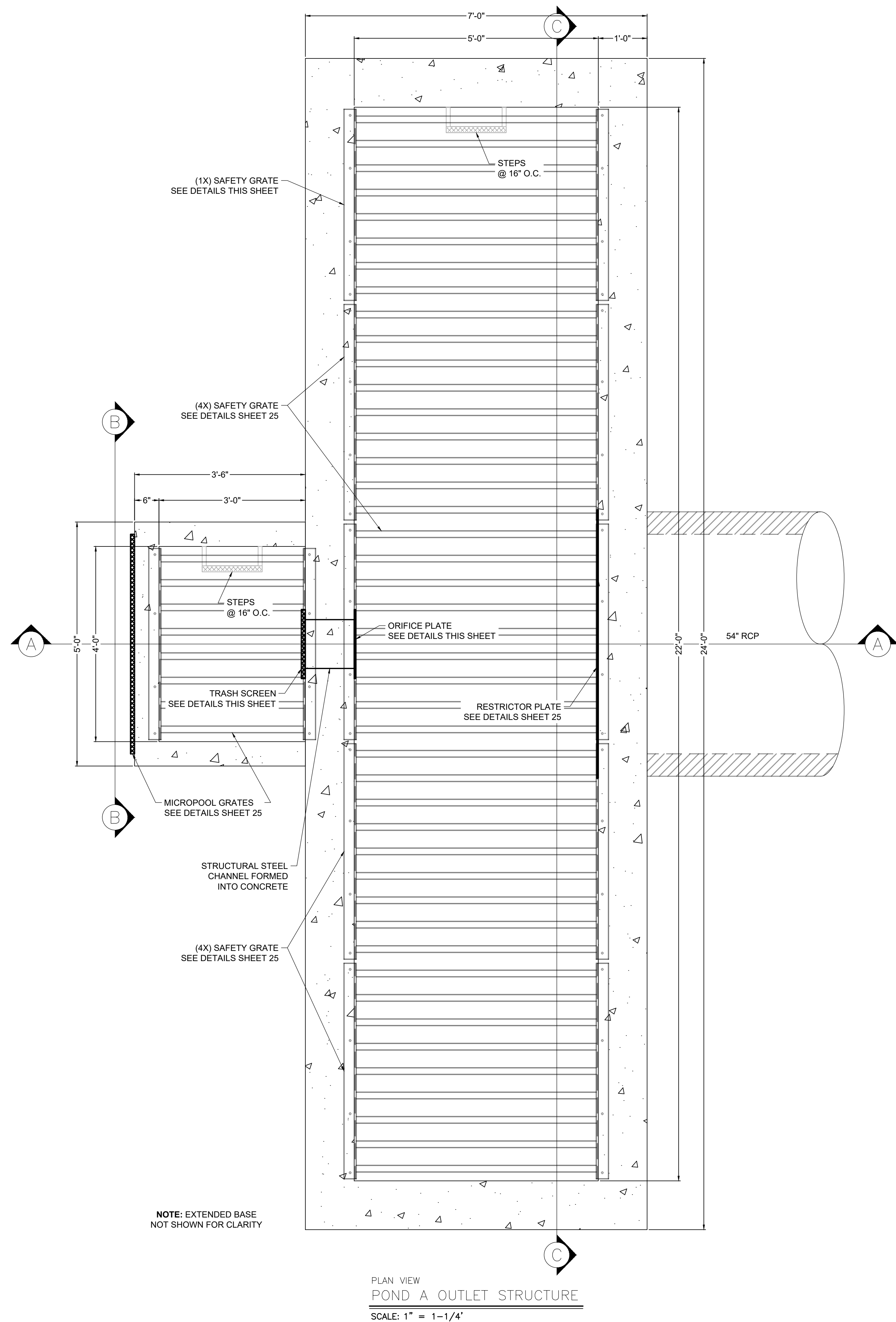
NO.	DATE	BY	REVISION DESCRIPTION

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 COLORADO SPRINGS, CO 80920
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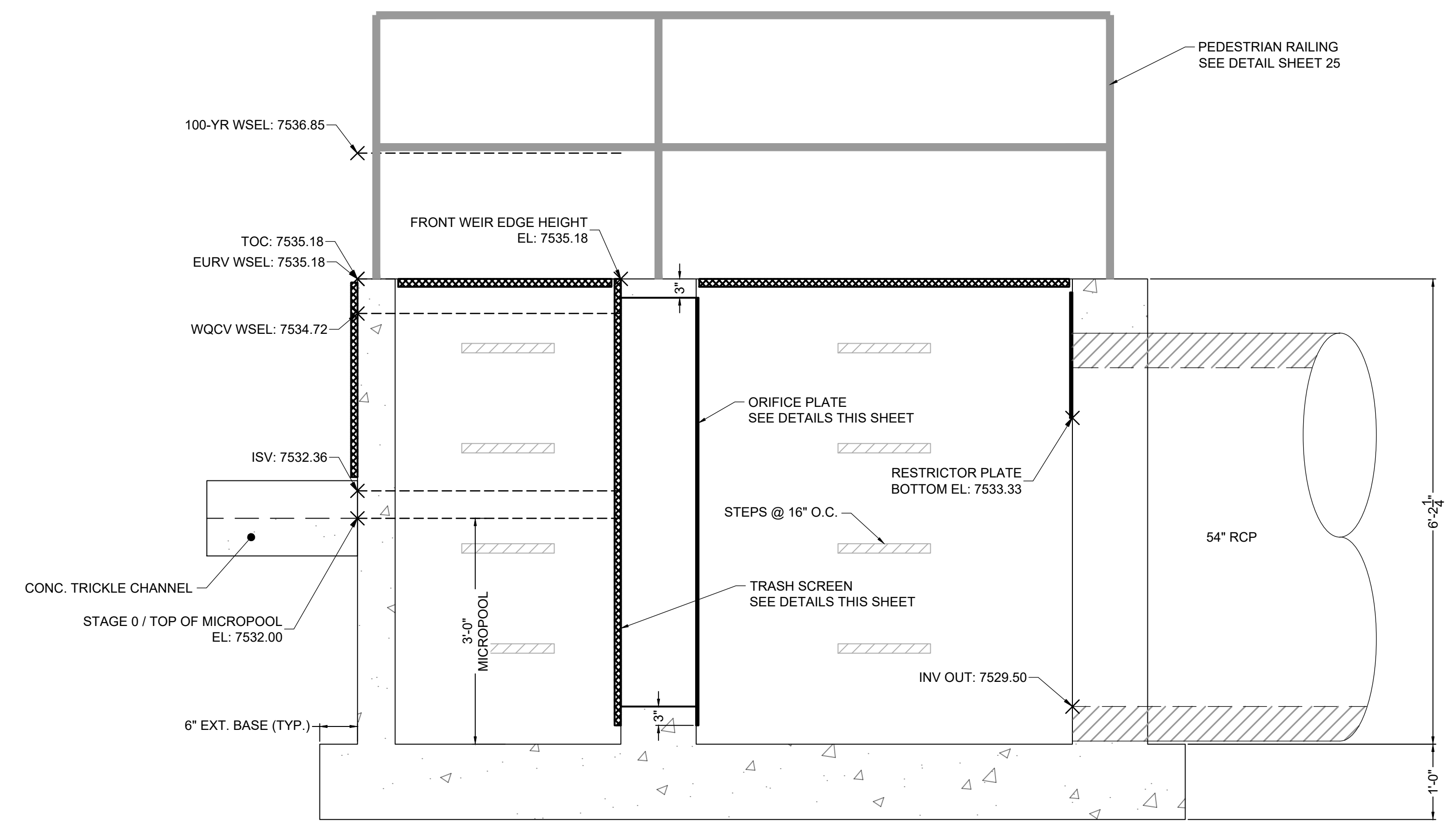
FLYING HORSE NORTH FILING 4
 PRI #2, LLC.
 EL PASO COUNTY, CO

POND DETAILS
 POND A FOREBAY

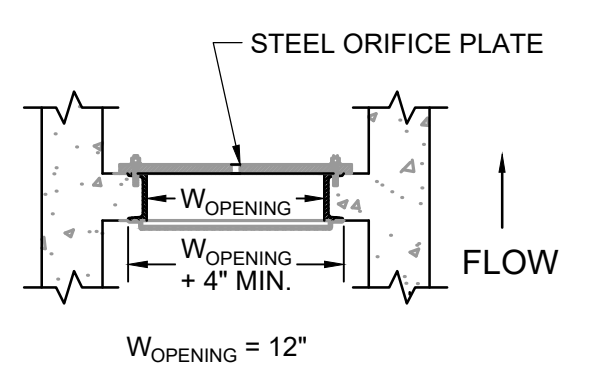




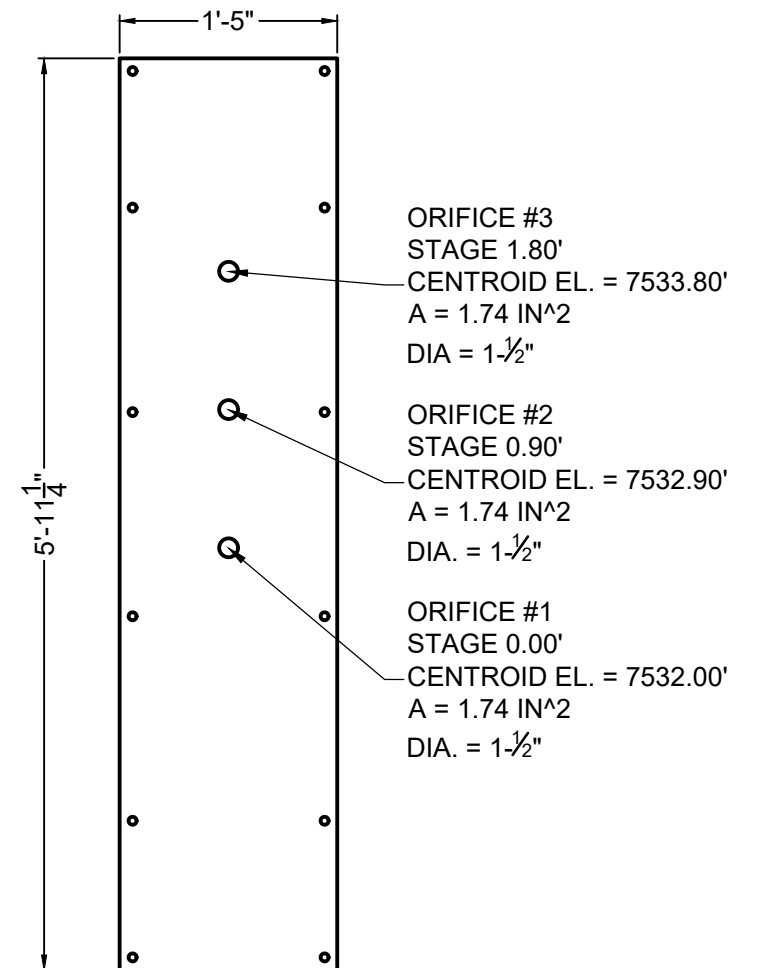
PLAN VIEW
POND A OUTLET STRUCTURE
SCALE: 1" = 1-1/4"



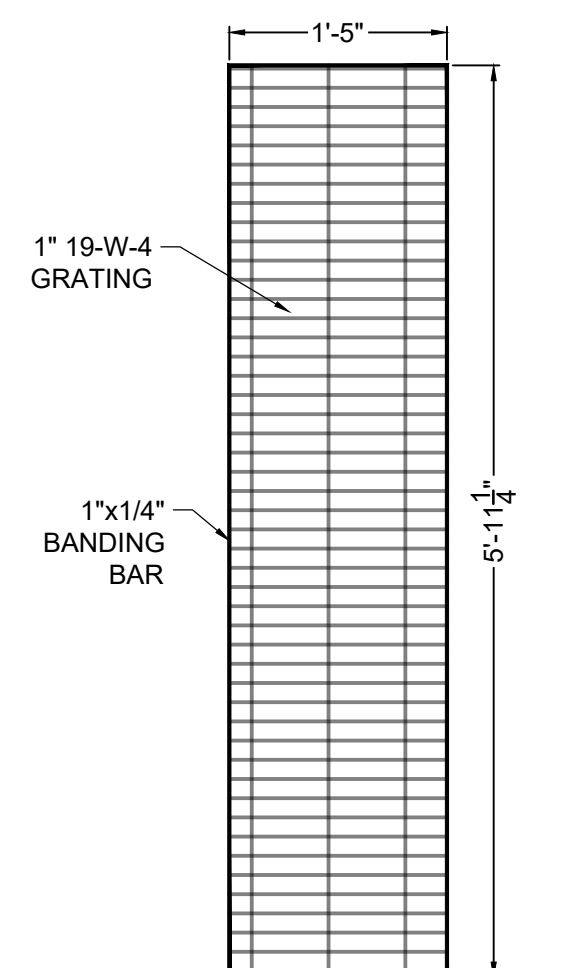
SECTION VIEW A-A
POND A OUTLET STRUCTURE
SCALE: 1" = 1-1/4"



DETAIL
TRASH SCREEN & ORIFICE PLATE
SCALE: NTS



ELEVATION VIEW
ORIFICE PLATE DETAIL
SCALE: 1" = 1-1/4"



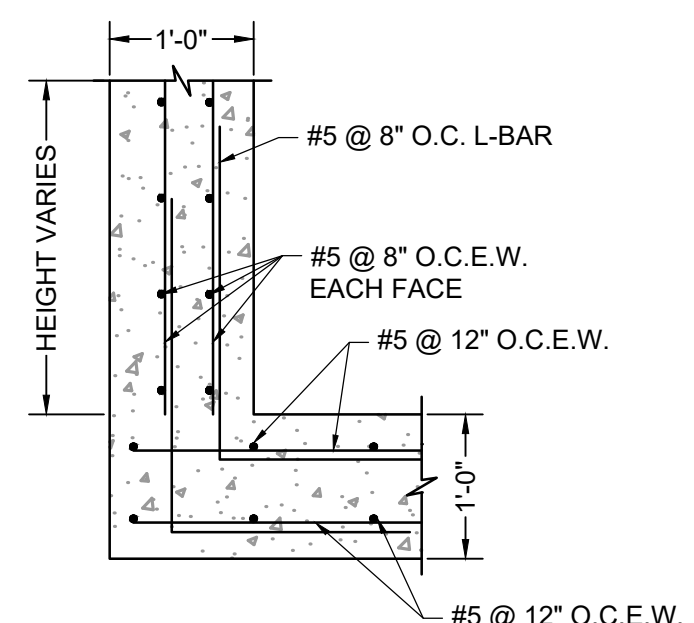
ELEVATION VIEW
TRASH SCREEN DETAIL
SCALE: 1" = 1-1/4"

TRASH SCREEN NOTES:

1. TRASH SCREEN SHALL BE JOHNSON STAINLESS STEEL WELL SCREEN WITH #93 VEE WIRE OR APPROVED EQUIVALENT AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
2. TRASH SCREEN 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).
3. STRUCTURAL DESIGN OF TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR TRASH SCREEN FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

ORIFICE PLATE NOTES:

1. PLATE TO BE 3/8" THICK GALVANIZED STEEL.
2. BOLT PLATE TO CONCRETE 16" O.C. MAX.
3. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ORIFICE PLATE FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.



ELEVATION VIEW
OUTLET STRUCTURE REINFORCING DETAIL
SCALE: NTS



DRAWN BY: CMD	JOB DATE: 11/26/24	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: RDL	JOB NUMBER: 211030.240	0
CAD DATE: 8/22/2024		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
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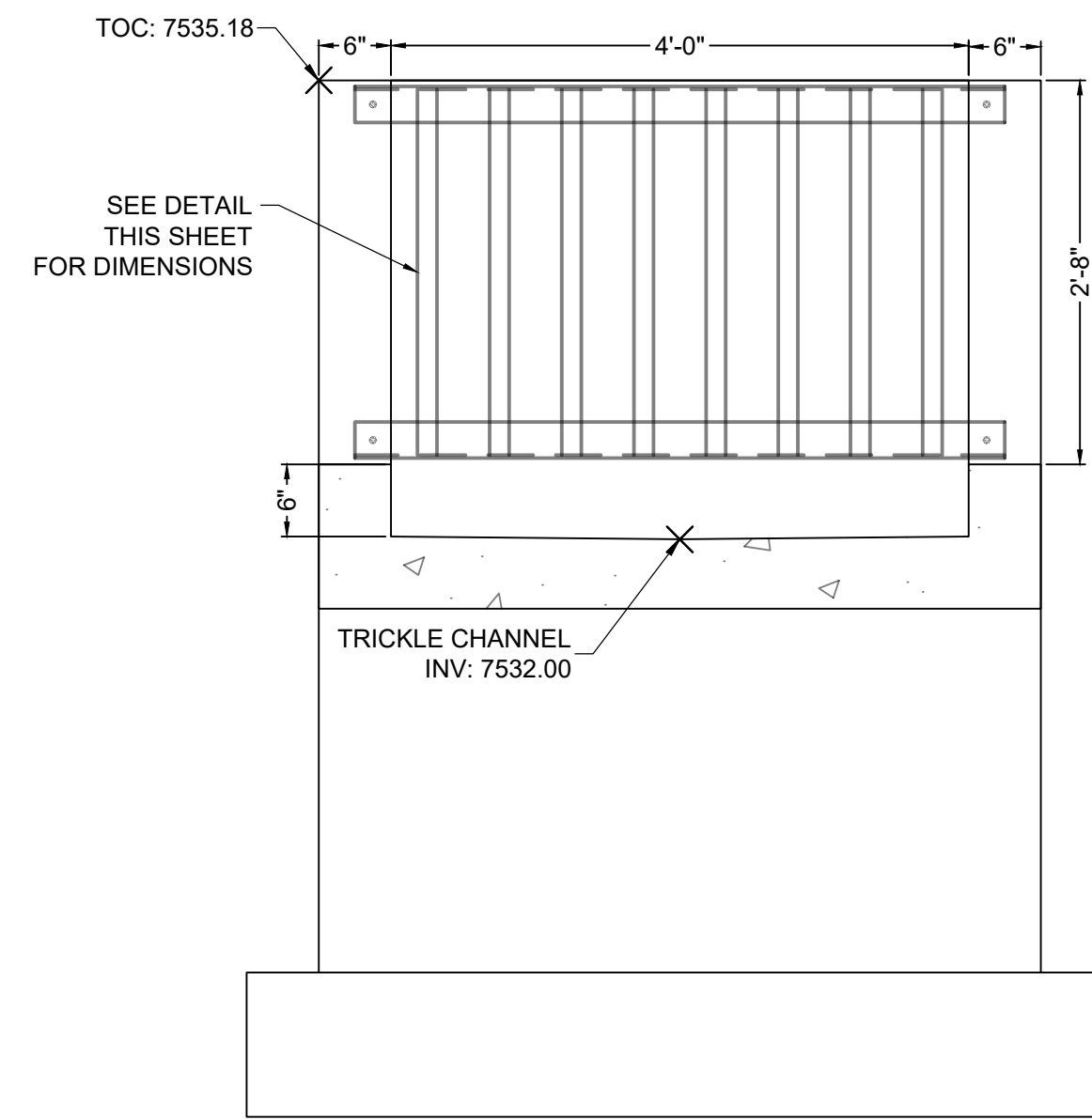
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 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
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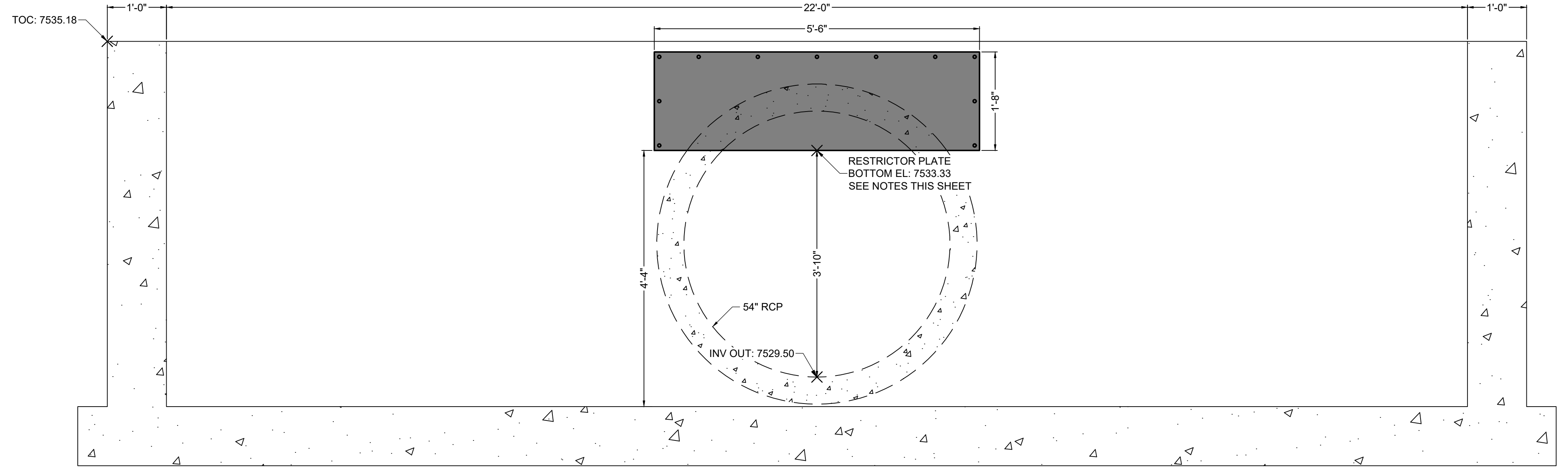
FLYING HORSE NORTH FILING 4
PRI #2, LLC.
 EL PASO COUNTY, CO

POND DETAILS
POND A OUTLET STRUCTURE

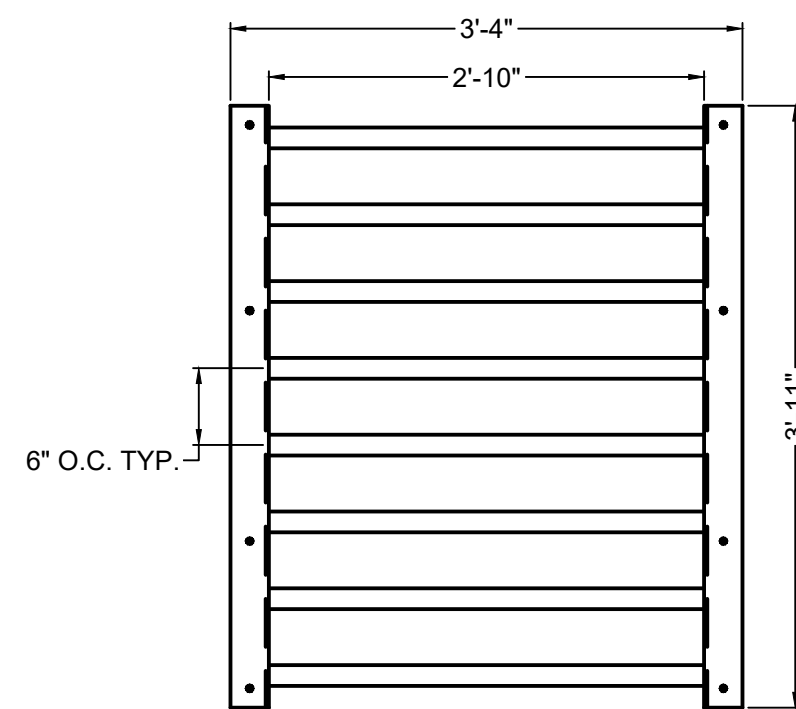
SHEET
PND
24



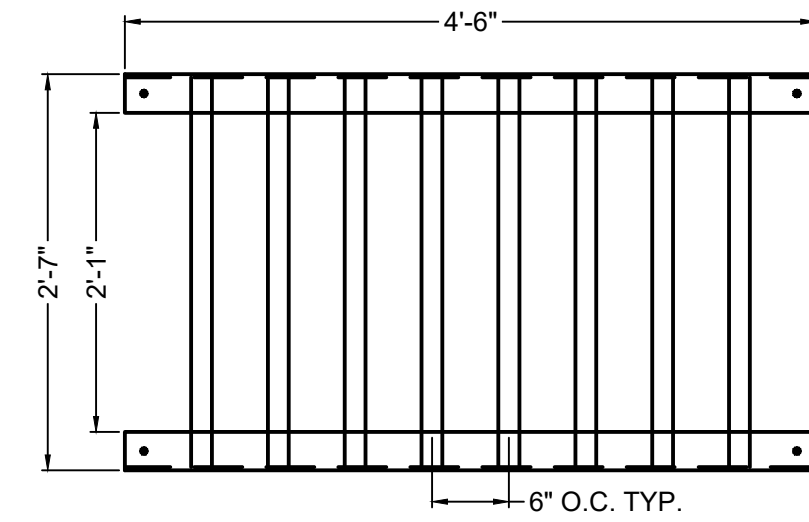
SECTION VIEW B-B
MICROPOL FRONT FACE
SCALE: 1" = 1-1/4'



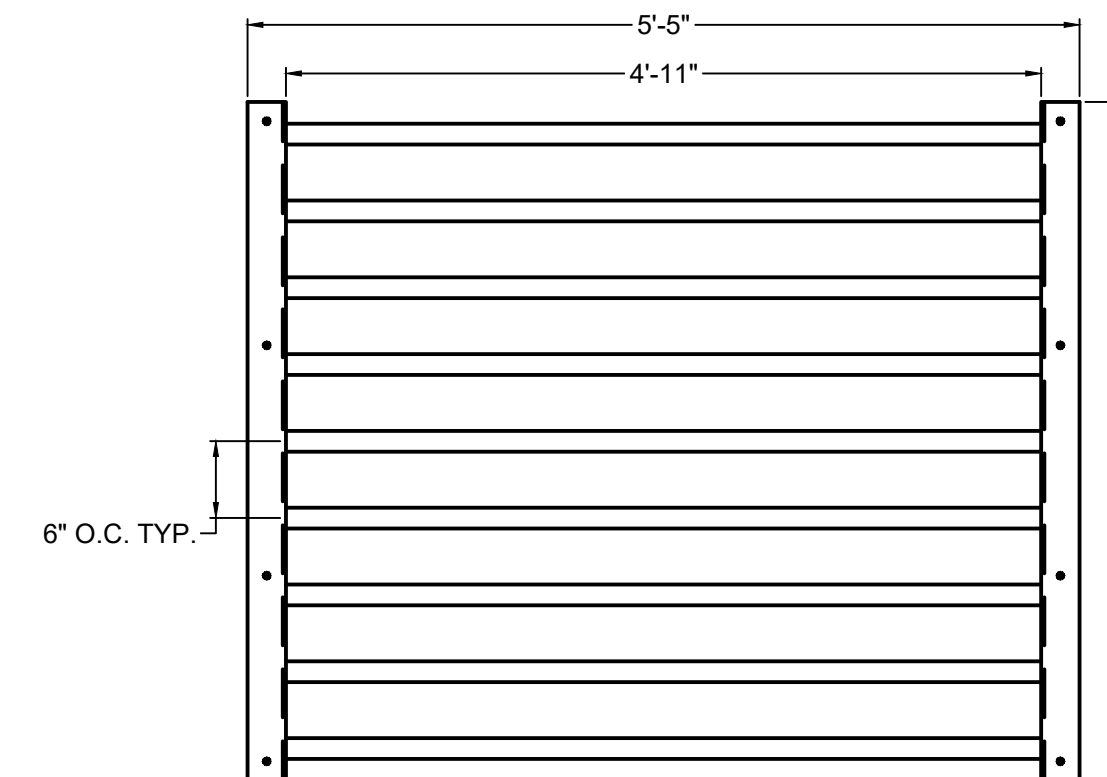
SECTION VIEW C-C
RESTRICTOR PLATE
SCALE: 1" = 1-1/4'



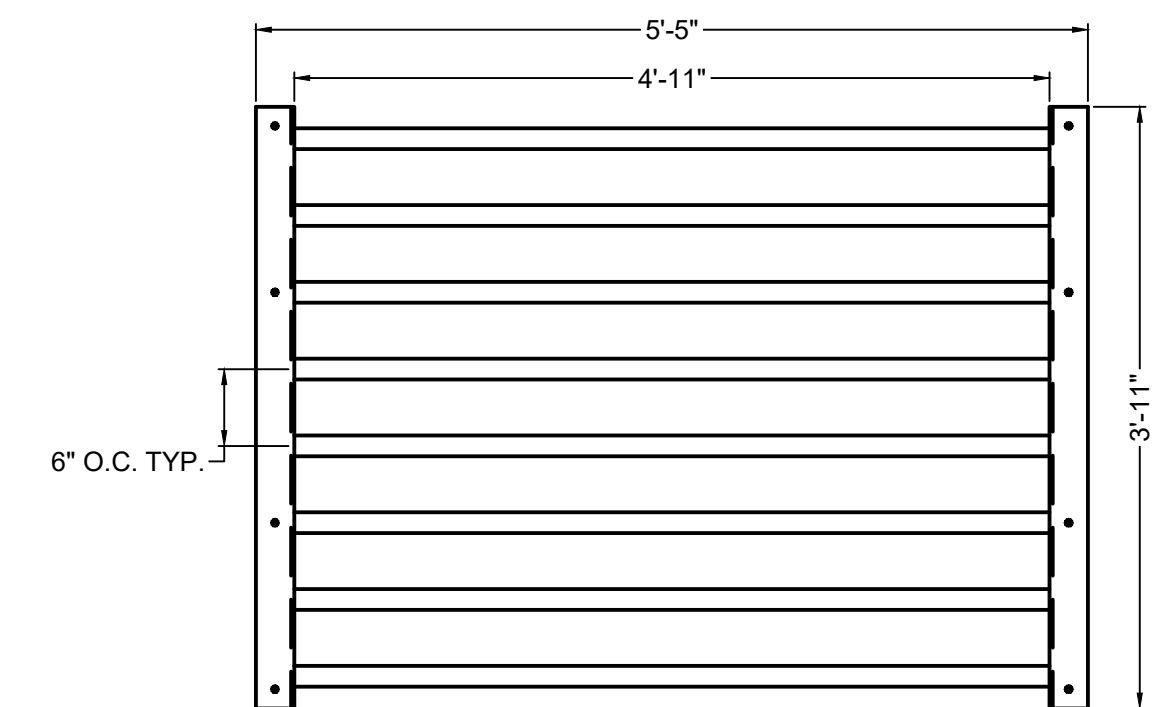
ELEVATION VIEW
MICROPOL TOP GRATE
SCALE: 1" = 1-1/4'



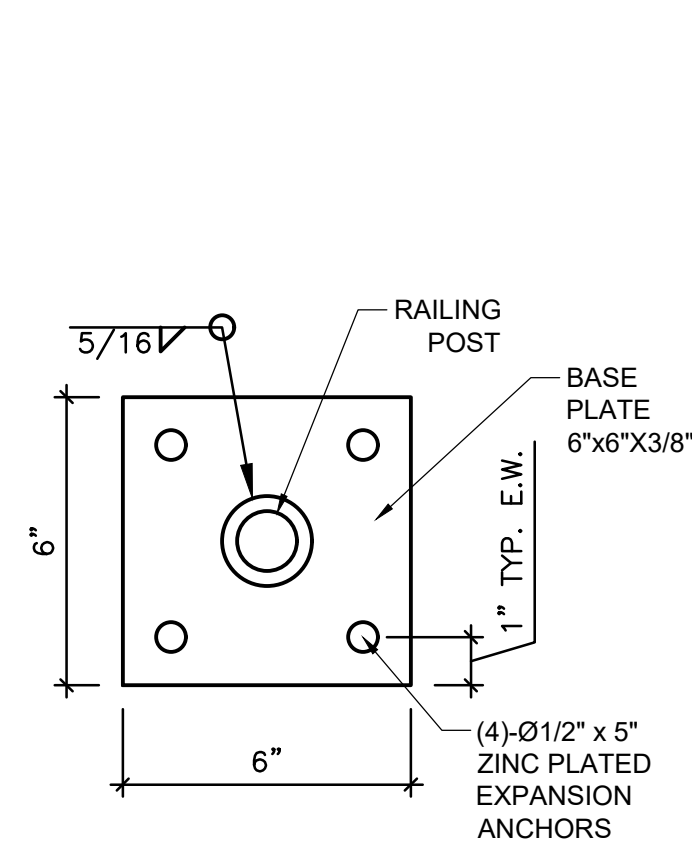
ELEVATION VIEW
MICROPOL FRONT GRATE
SCALE: 1" = 1-1/4'



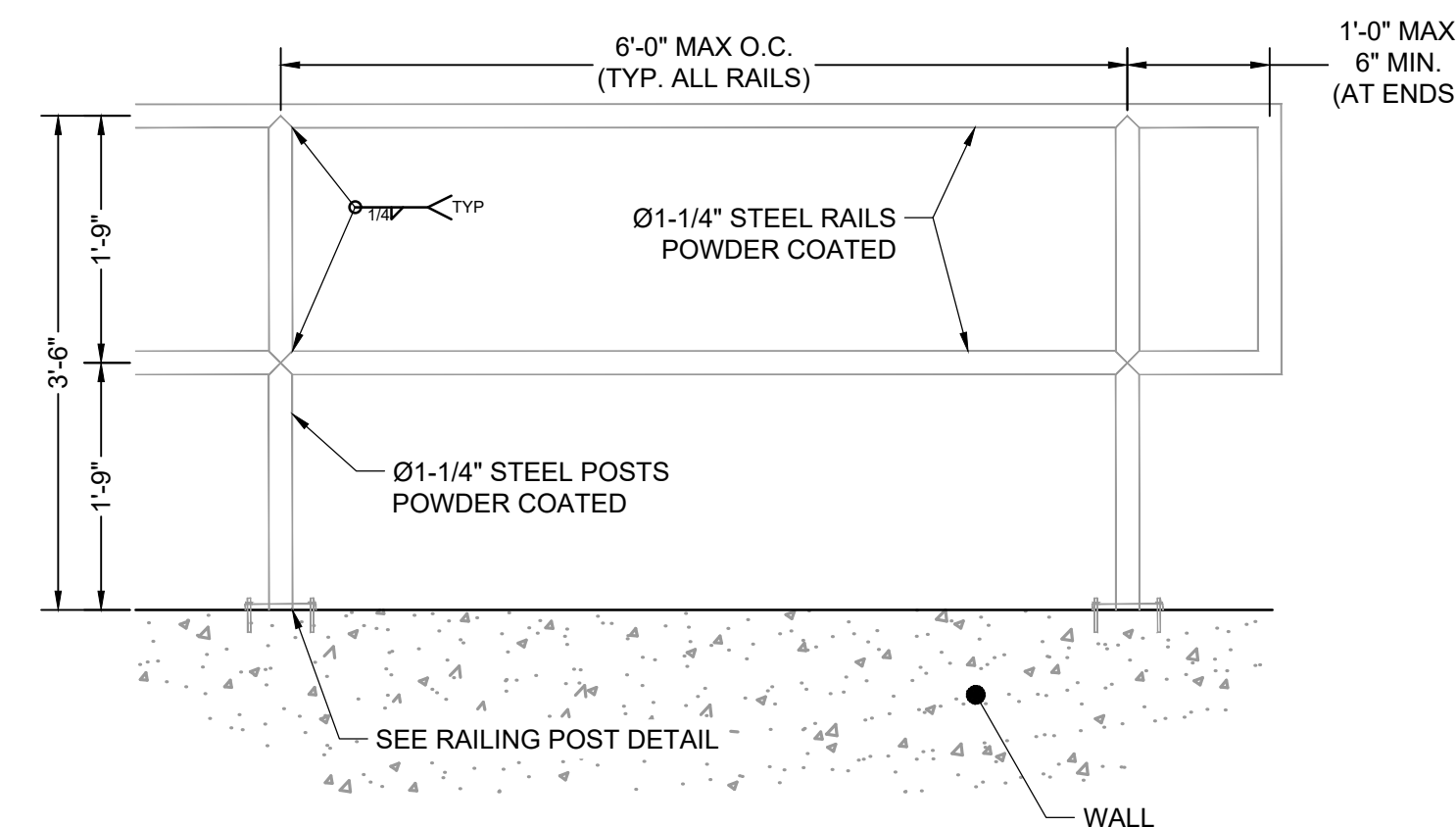
PLAN VIEW
SAFETY GRATE - QTY. 4
SCALE: 1" = 1-1/4'



PLAN VIEW
SAFETY GRATE - QTY. 1
SCALE: 1" = 1-1/4'



DETAIL VIEW
PEDESTRIAN RAILING POST
SCALE: 3/4" = 1'



DETAIL VIEW
PEDESTRIAN RAILING
SCALE: 3/4" = 1'

SAFETY GRATES/TRASH RACK NOTES:

- TRASH RACKS AND SAFETY GRATES SHALL BE 1-1/2" SCH. 40 STEEL PIPE, @ 6" CENTERS BOUNDED BY 3"x3"x1/4" ANGLE IRON. ALL GRATES SHALL BE MOUNTED USING ZINC PLATED STEEL HARDWARE.
- REMOVABLE GRATE SECTIONS SHALL BE MOUNTED USING ZINC PLATED STEEL HARDWARE AND PROVIDED WITH HINGED & LOCKABLE OR BOLTABLE ACCESS PANELS AS SHOWN ON THE PLANS.
- STEEL GRATES SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.
- STRUCTURAL STEEL FOR GRATES SHALL BE GALVANIZED AND SHALL BE IN ACCORDANCE WITH CDOT STANDARD SPECIFICATIONS, SUBSECTION 712.06.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR GRATING FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

RESTRICTOR PLATE NOTES:

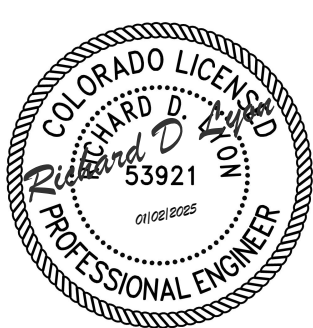
- 3/8" THICK RESTRICTOR PLATE, GALVANIZED STEEL.
- BOLT PLATE TO CONCRETE @ 12" O.C. MAX.
- PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN PLATE AND CONCRETE.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR RESTRICTOR PLATE FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

TWO SIGNS SHALL BE INSTALLED AROUND THE POND PERIMETER. THE SIGNS SHALL BE CONSTRUCTED OF A DURABLE MATERIAL SUCH AS METAL OR PLASTIC AND HAVE RED LETTERING ON A WHITE BACKGROUND WITH THE BELOW MESSAGE.

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

Minimum Sign Area: 3 sqft

**POND WARNING SIGN
DETAIL**
SCALE: N.T.S.



PCD FILE NO.: SF2422

DRAWN BY: CMD	JOB DATE: 11/26/24	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: RDL	JOB NUMBER: 211030.240	0
CAD DATE: 8/22/2024		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing_No_4\Outlet_Structure_Details		

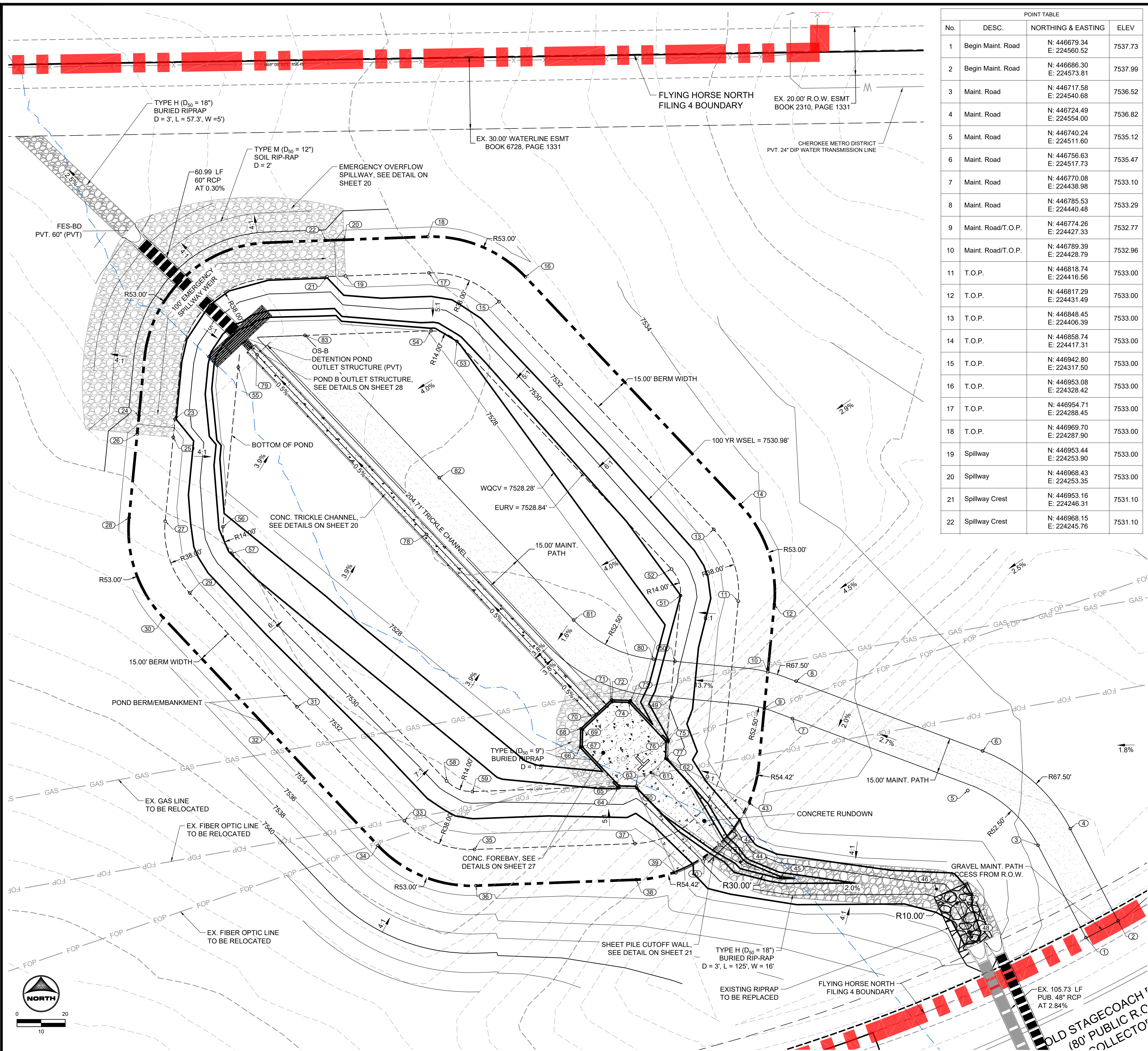
NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

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EL PASO COUNTY, CO

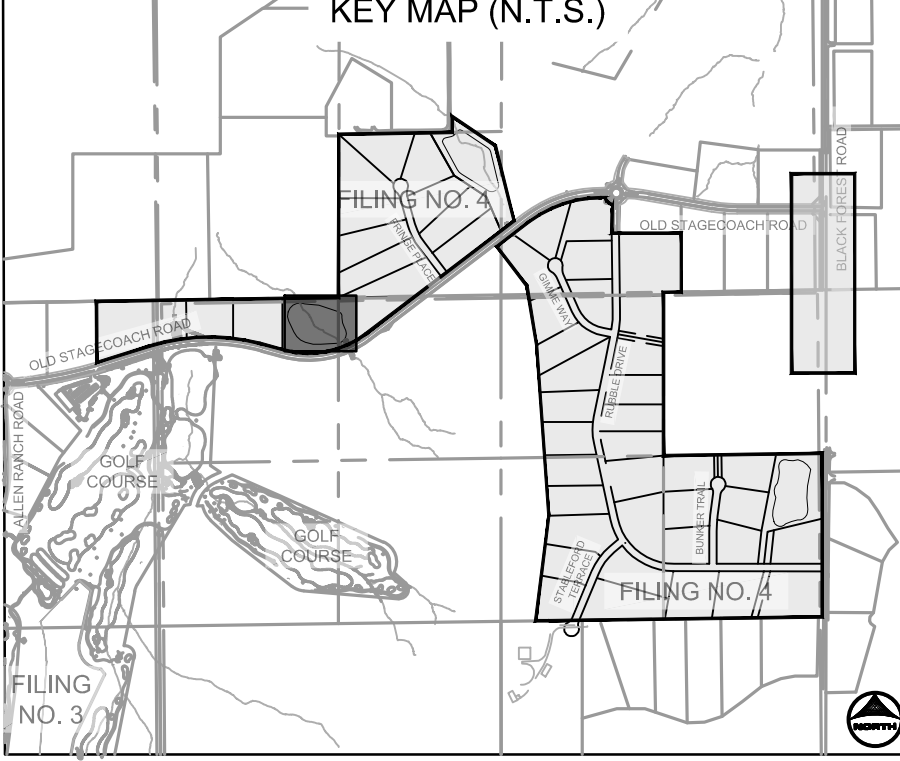
POND DETAILS
POND A OUTLET STRUCTURE DETAILS

**SHEET
PND
25**



POINT TABLE			
No.	DESC.	NORTHING & EASTING	ELEV
1	Begin Maint. Road	N: 446679.34 E: 224560.52	7537.73
2	Begin Maint. Road	N: 446686.30 E: 224573.81	7537.99
3	Maint. Road	N: 446717.58 E: 224540.68	7536.52
4	Maint. Road	N: 446724.49 E: 224554.00	7536.82
5	Maint. Road	N: 446740.24 E: 224511.60	7535.12
6	Maint. Road	N: 446756.63 E: 224517.73	7535.47
7	Maint. Road	N: 446770.08 E: 224438.98	7533.10
8	Maint. Road	N: 446785.53 E: 224440.48	7533.29
9	Maint. Road/T.O.P.	N: 446774.26 E: 224427.33	7532.77
10	Maint. Road/T.O.P.	N: 446789.39 E: 224428.79	7532.96
11	T.O.P.	N: 446818.74 E: 224416.56	7533.00
12	T.O.P.	N: 446817.29 E: 224267.49	7533.00
13	T.O.P.	N: 446848.45 E: 224406.39	7533.00
14	T.O.P.	N: 446858.74 E: 224417.31	7533.00
15	T.O.P.	N: 446942.80 E: 224317.50	7533.00
16	T.O.P.	N: 446953.08 E: 224328.42	7533.00
17	T.O.P.	N: 446954.71 E: 224288.45	7533.00
18	T.O.P.	N: 446969.70 E: 224287.90	7533.00
19	Spillway	N: 446953.44 E: 224253.90	7533.00
20	Spillway	N: 446968.43 E: 224253.35	7533.00
21	Spillway Crest	N: 446953.16 E: 224246.31	7531.10
22	Spillway Crest	N: 446968.15 E: 224245.76	7531.10

POINT TABLE			
No.	DESC.	NORTHING & EASTING	ELEV
23	Spillway Crest	N: 446894.15 E: 224183.33	7531.10
24	Spillway Crest	N: 446895.59 E: 224168.40	7531.10
25	Spillway	N: 446886.59 E: 224182.60	7533.00
26	Spillway	N: 446888.03 E: 224167.67	7533.00
27	T.O.P.	N: 446851.82 E: 224179.24	7533.00
28	T.O.P.	N: 446853.26 E: 224164.31	7533.00
29	T.O.P.	N: 446822.11 E: 224189.40	7533.00
30	T.O.P.	N: 446811.82 E: 224178.48	7533.00
31	T.O.P.	N: 446774.93 E: 224233.85	7533.00
32	T.O.P.	N: 446764.65 E: 224222.93	7533.00
33	T.O.P.	N: 446727.76 E: 224278.29	7533.00
34	T.O.P.	N: 446717.47 E: 224267.37	7533.00
35	T.O.P.	N: 446715.84 E: 224307.35	7533.00
36	T.O.P.	N: 446700.85 E: 224307.90	7533.00
37	T.O.P.	N: 446718.29 E: 224373.74	7533.00
38	T.O.P.	N: 446703.30 E: 224374.29	7533.00
39	Edge of Rundown	N: 446706.19 E: 224390.69	7533.00
40	Rundown GB	N: 446711.95 E: 224402.61	7529.69
41	Rundown F.L.	N: 446717.68 E: 224408.69	7527.60
42	Rundown GB	N: 446723.41 E: 224414.77	7529.68
43	Edge of Rundown	N: 446734.92 E: 224421.31	7533.00
44	Swale F.L.	N: 446710.69 E: 224417.47	7527.82
45	Swale F.L.	N: 446704.24 E: 224433.94	7528.18
46	Swale F.L.	N: 446699.45 E: 224498.63	7529.48
47	Swale F.L.	N: 446693.50 E: 224507.04	7529.69
48	Swale F.L.	N: 446679.50 E: 224513.19	7530.00
49	Maint. Road/B.O.P.	N: 446778.84 E: 224389.11	7530.00
50	Maint. Road/B.O.P.	N: 446793.79 E: 224390.35	7529.57
51	B.O.P.	N: 446821.04 E: 224392.67	7528.80
52	B.O.P.	N: 446831.99 E: 224388.92	7528.94
53	B.O.P.	N: 446926.34 E: 224300.04	7528.29
54	B.O.P.	N: 446930.73 E: 224289.33	7528.04
55	B.O.P.	N: 446915.64 E: 224209.52	7526.28
56	B.O.P.	N: 446849.51 E: 224203.13	7528.48
57	B.O.P.	N: 446838.57 E: 224206.87	7528.73



POINT TABLE			
No.	DESC.	NORTHING & EASTING	ELEV
58	B.O.P.	N: 446744.22 E: 224295.76	7529.38
59	B.O.P.	N: 446739.83 E: 224306.46	7529.24
60	Forebay Outer	N: 446741.16 E: 224374.61	7528.78
61	Rundown F.L.	N: 446747.74 E: 224380.37	7527.35
62	Forebay Outer	N: 446753.10 E: 224387.29	7528.78
63	Forebay Inner	N: 446742.22 E: 224374.28	7527.35
64	Forebay Outer	N: 446741.35 E: 224366.87	7528.73
65	Forebay Inner	N: 446742.22 E: 224367.26	7527.33
66	Forebay Outer	N: 446758.12 E: 224351.10	7528.30
67	Forebay Inner	N: 446758.45 E: 224351.97	7527.11
68	Forebay Outer	N: 446765.85 E: 224351.34	7528.57
69	Forebay Inner	N: 446765.48 E: 224352.18	7527.07
70	T.C. Flow Line	N: 446771.85 E: 224357.66	7527.02
71	Forebay Outer	N: 446777.79 E: 224364.02	7528.57
72	Forebay Inner	N: 446776.93 E: 224372.00	7527.07
73	Forebay Outer	N: 446777.66 E: 224372.00	7527.70
74	Forebay Inner	N: 446776.72 E: 224371.37	7527.11
75	Forebay Outer	N: 446780.84 E: 224387.55	7528.73
76	Forebay Inner	N: 446760.50 E: 224386.66	7527.33
77	Forebay Inner	N: 446753.47 E: 224386.45	7527.35
78	T.C. Flow Line	N: 446846.35 E: 224287.47	7526.51
79	T.C. Flow Line	N: 446920.85 E: 224217.28	7526.00
80	Maint. Road	N: 446794.64 E: 224381.53	7528.16
81	Maint. Road	N: 446810.89 E: 224348.36	7527.25
82	Maint. Road	N: 446809.85 E: 224292.75	7526.84
83	End Maint. Road	N: 446828.81 E: 224237.13	7526.92

- 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 SHEET 2.

ABBREVIATIONS:

T.O.W. ~ TOP OF WALL
 B.O.P. ~ BOTTOM OF POND
 T.O.P. ~ TOP OF POND
 T.C. ~ TRICKLE CHANNEL
 G.B. ~ GRADE BREAK

DRAWN BY: CMD JOB DATE: 12/5/24
 APPROVED: RDL JOB NUMBER: 211030.240
 CAD DATE: 8/19/2024
 CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing_No_4\Pond_B_Grading

NO.	DATE	BY	REVISION DESCRIPTION

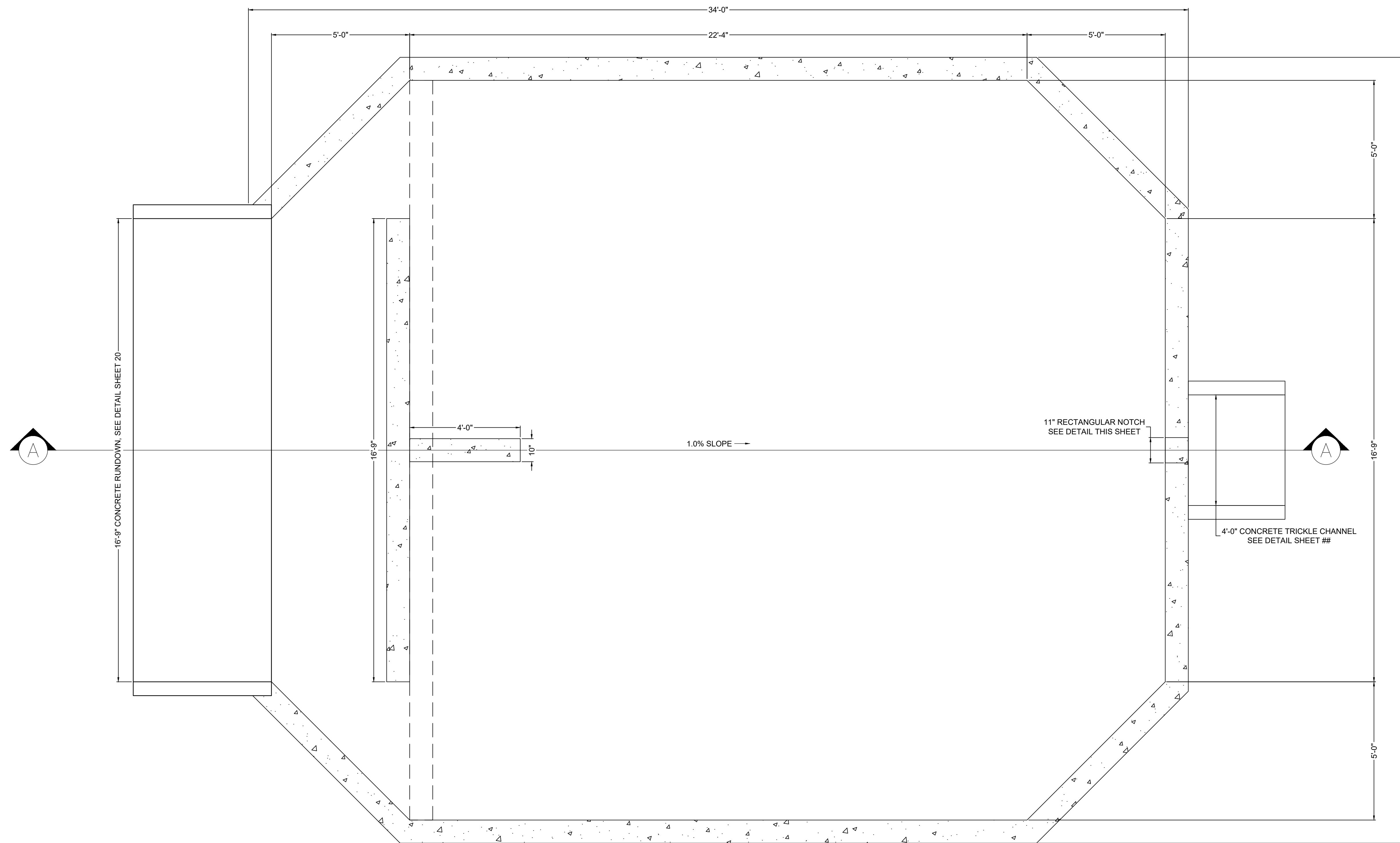
HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 160
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 719.965.0044

**FLYING HORSE NORTH FILING 4
 PRI #2, LLC.
 EL PASO COUNTY, CO**

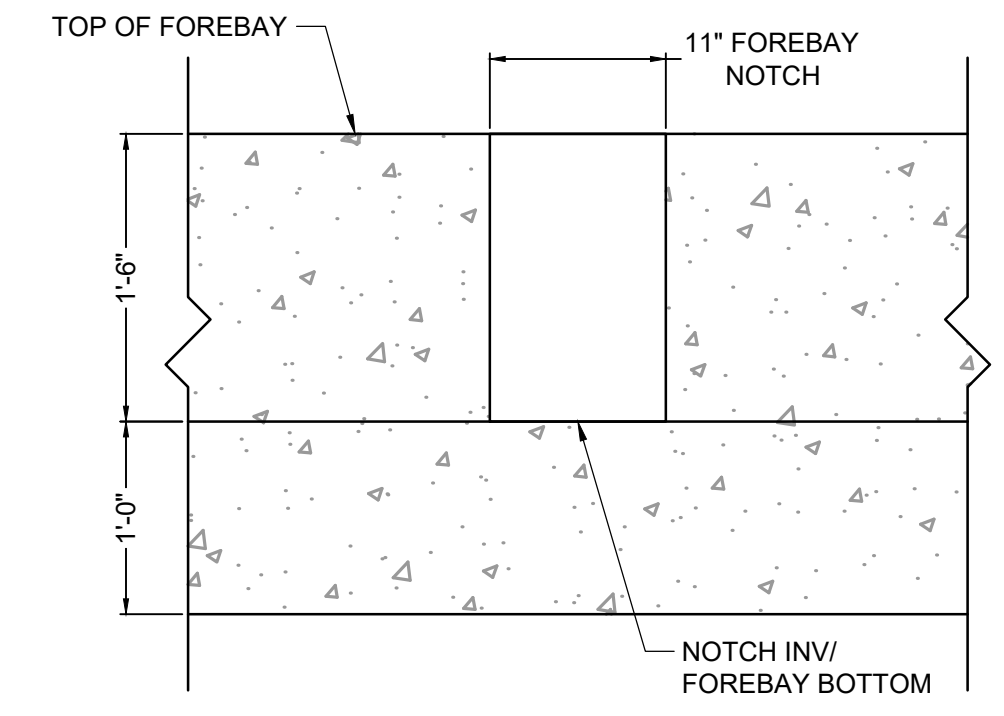
**POND DETAILS
 POND B GRADING PLAN**

SHEET **PND** 26

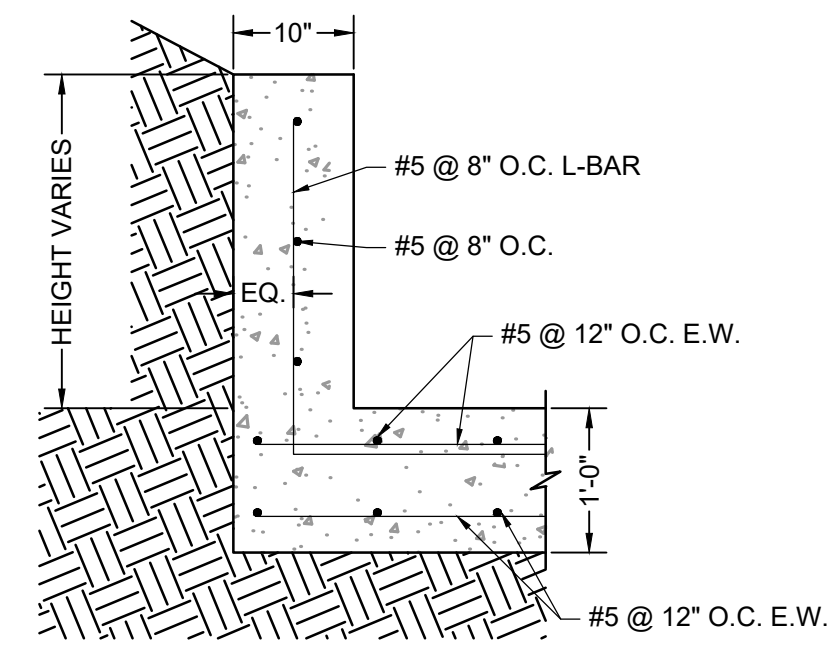




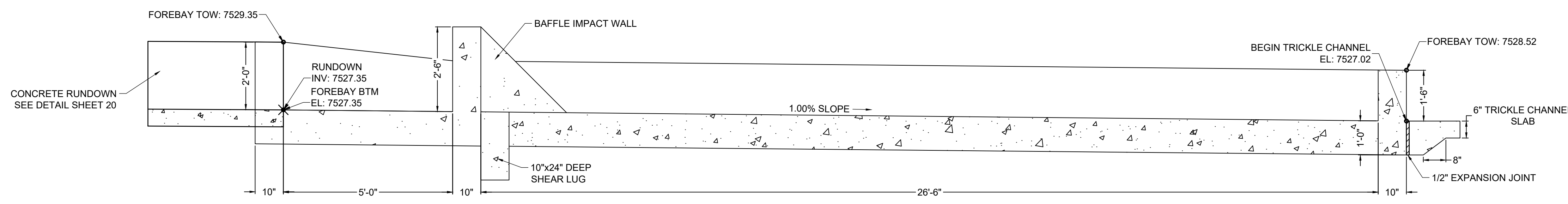
PLAN VIEW
FOREBAY B
 SCALE: 1"=2'



FOREBAY B NOTCH DETAIL
 SCALE: NTS



ELEVATION VIEW
FOREBAY REINFORCING DETAIL
 SCALE: NTS



SECTION VIEW A-A
FOREBAY B
 SCALE: 1"=2'

DRAWN BY: CMD	JOB DATE: 10/31/24	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: RDL	JOB NUMBER: 211030.240	0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
CAD DATE: 8/22/2024		
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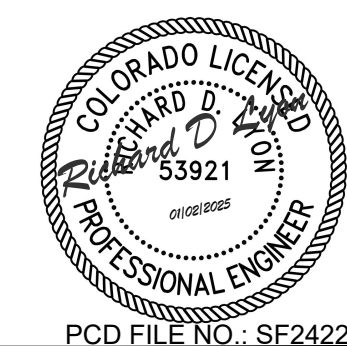
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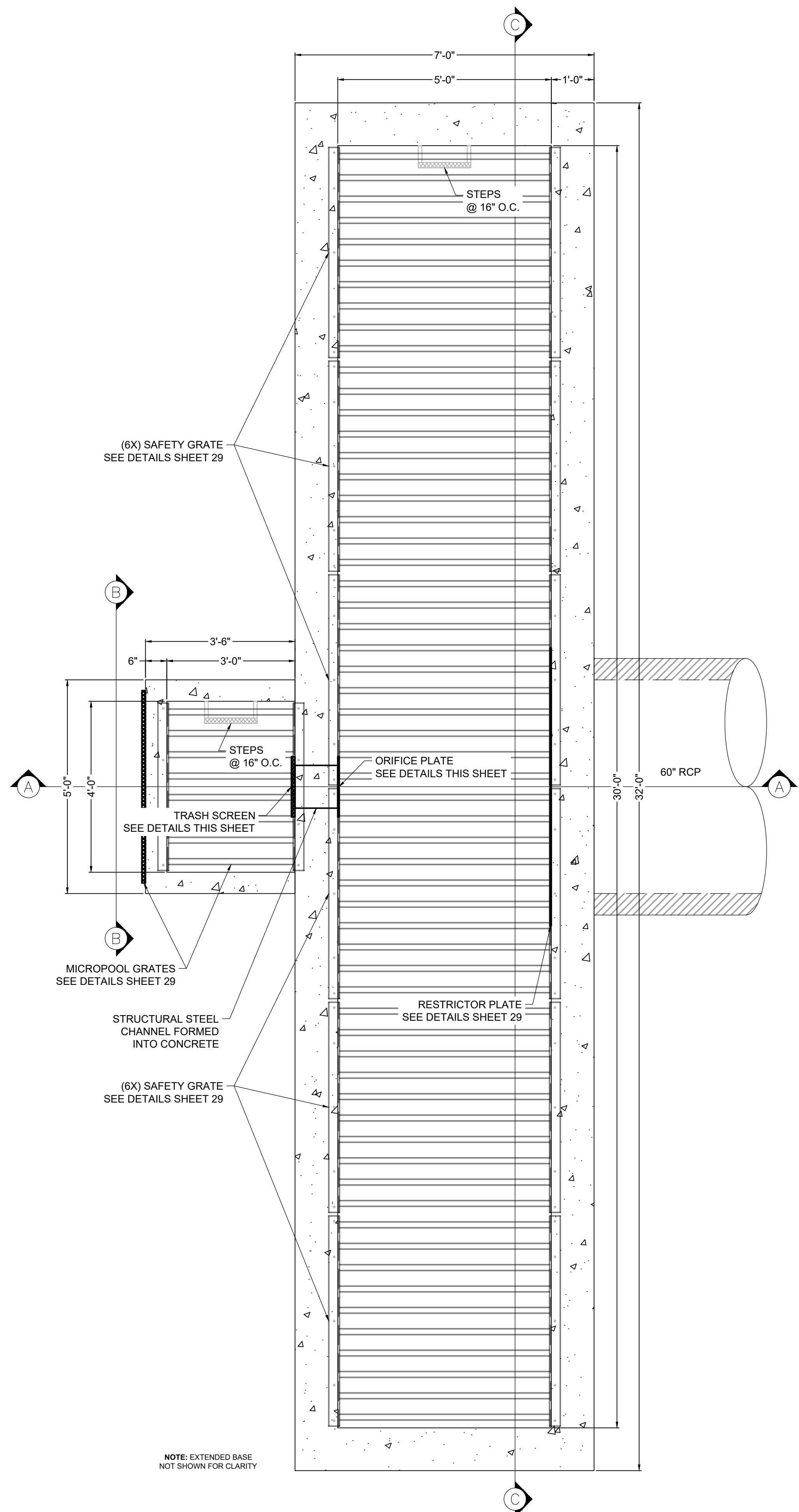
HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 160
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

**FLYING HORSE NORTH FILING 4
 PRI #2, LLC.**
 EL PASO COUNTY, CO

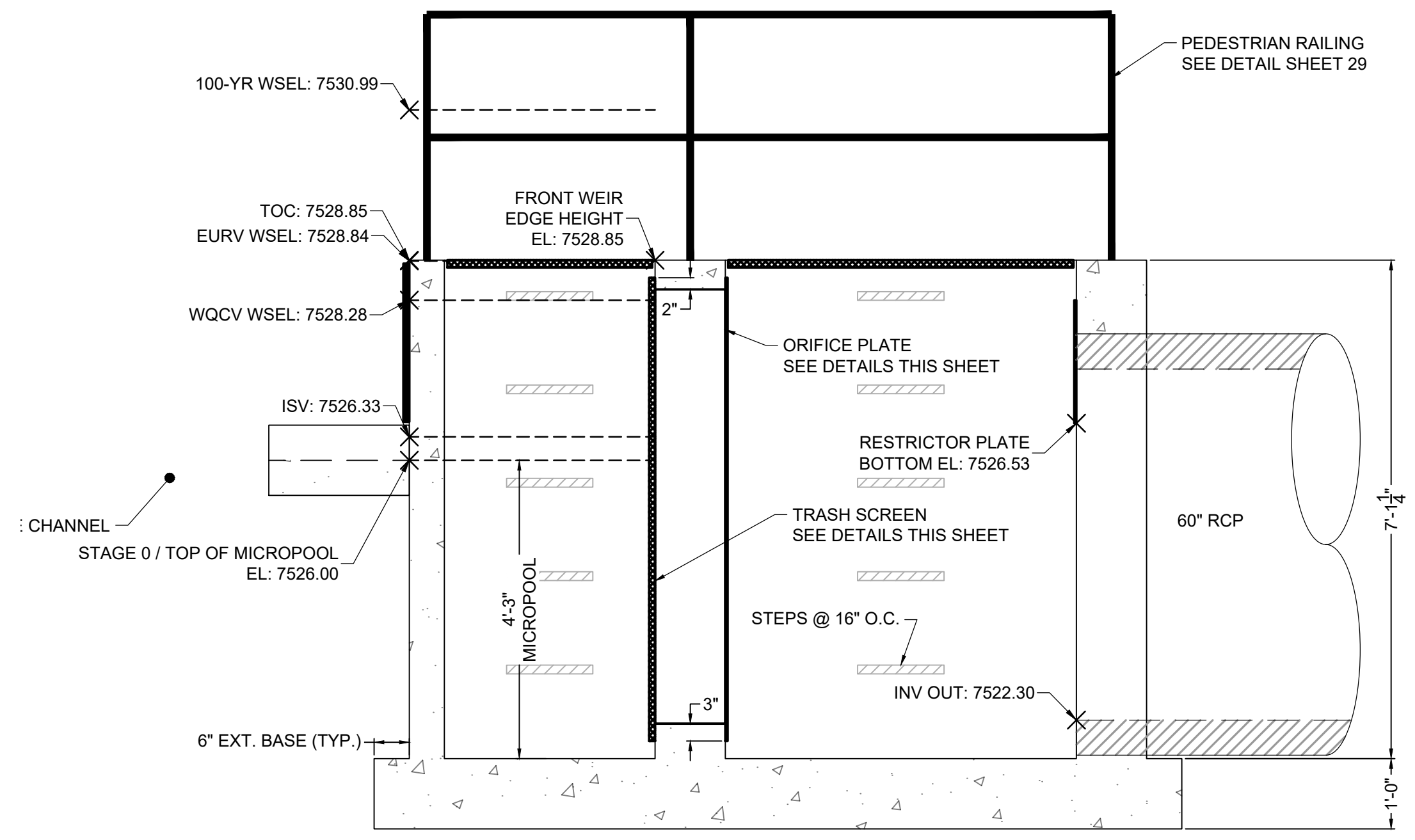
POND DETAILS
POND B FOREBAY

SHEET
PND 27

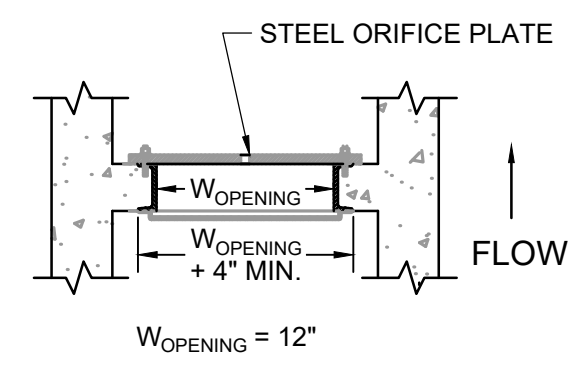




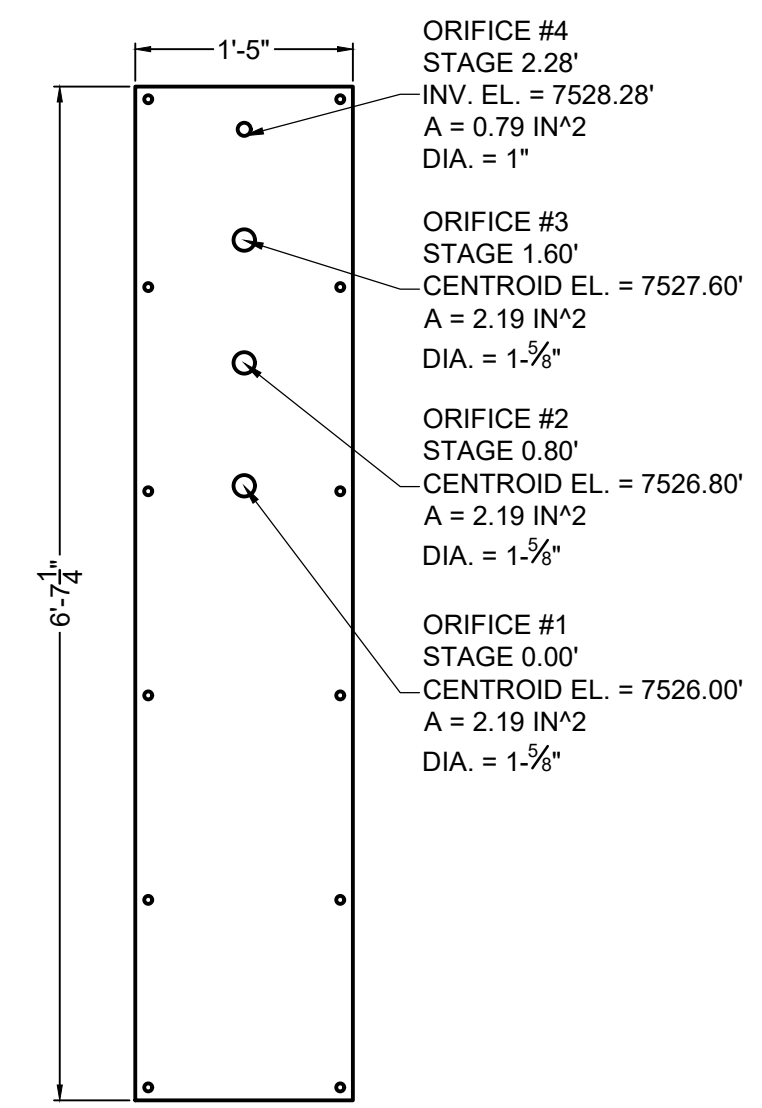
PLAN VIEW
POND B OUTLET STRUCTURE
SCALE: 1" = 1-3/4'



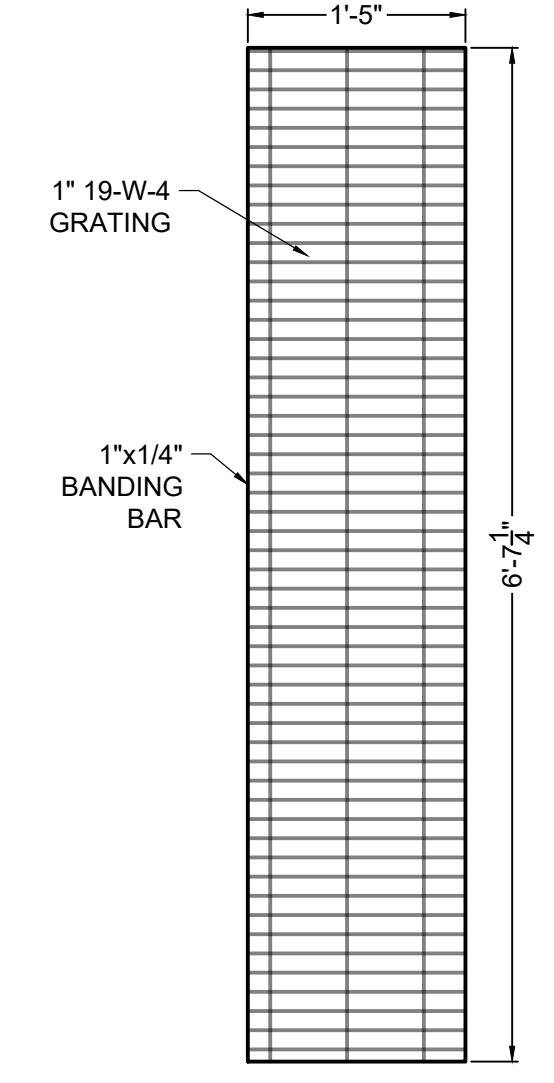
SECTION VIEW A-A
POND B OUTLET STRUCTURE
SCALE: 1" = 1-3/4'



DETAIL
TRASH SCREEN & ORIFICE PLATE
SCALE: NTS



ELEVATION VIEW
ORIFICE PLATE DETAIL
SCALE: 1" = 1-1/4'



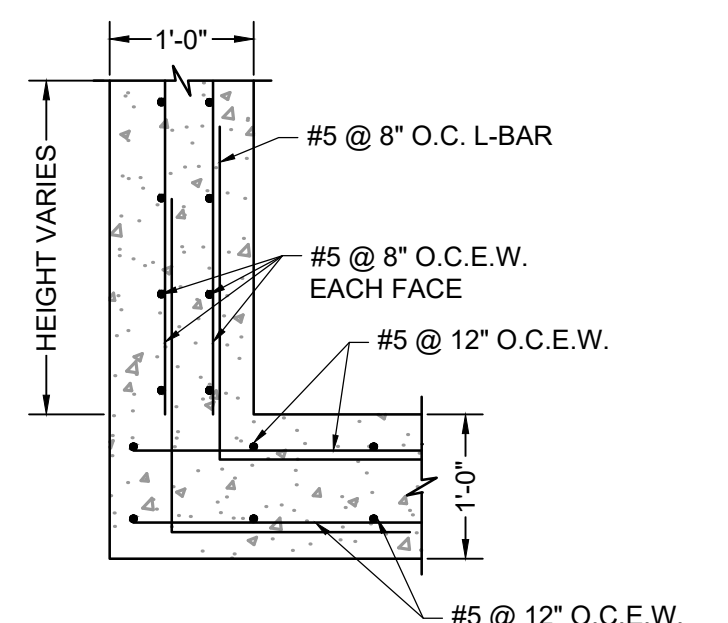
ELEVATION VIEW
TRASH SCREEN DETAIL
SCALE: 1" = 1-1/4'

TRASH SCREEN NOTES:

1. TRASH SCREEN SHALL BE JOHNSON STAINLESS STEEL WELL SCREEN WITH #93 VEE WIRE OR APPROVED EQUIVALENT AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
2. TRASH SCREEN 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).
3. STRUCTURAL DESIGN OF TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR TRASH SCREEN FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

ORIFICE PLATE NOTES:

1. PLATE TO BE 3/8" THICK GALVANIZED STEEL.
2. BOLT PLATE TO CONCRETE 16" O.C. MAX.
3. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ORIFICE PLATE FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.



ELEVATION VIEW
OUTLET STRUCTURE REINFORCING DETAIL
SCALE: NTS



DRAWN BY: CMD	JOB DATE: 11/26/24	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: RDL	JOB NUMBER: 211030.240	0
CAD DATE: 8/22/2024		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing_No_4\Outlet_Structure_Details		

NO.	DATE	BY	REVISION DESCRIPTION

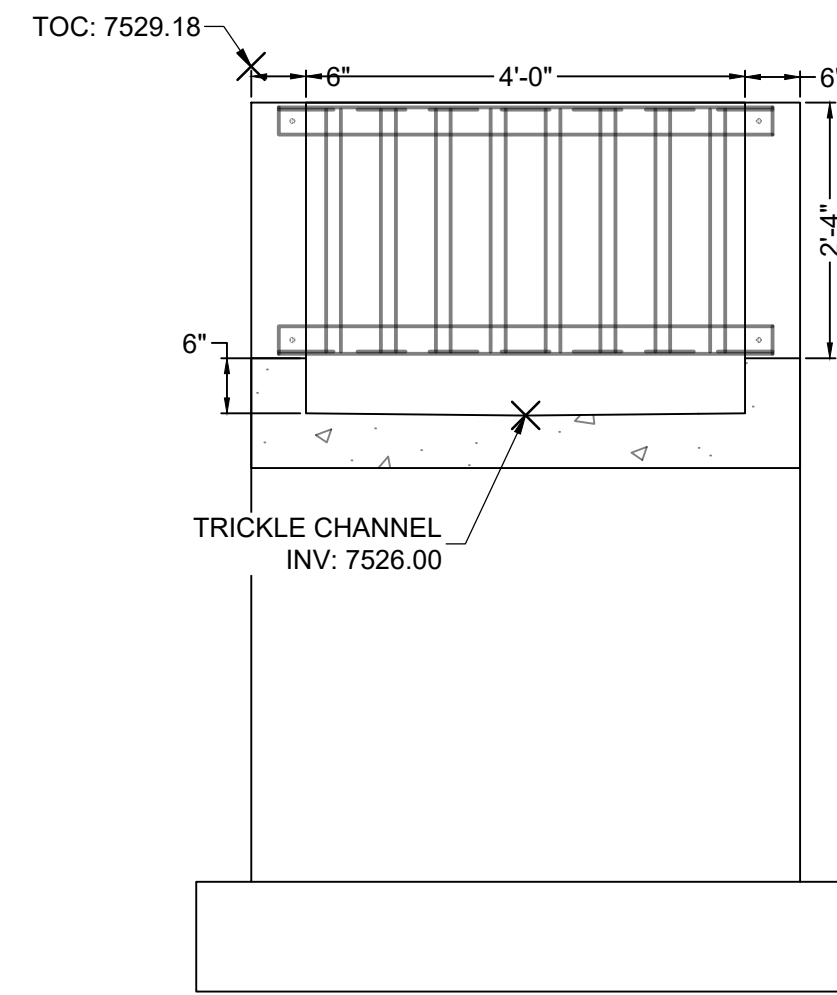


HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 719.965.0044

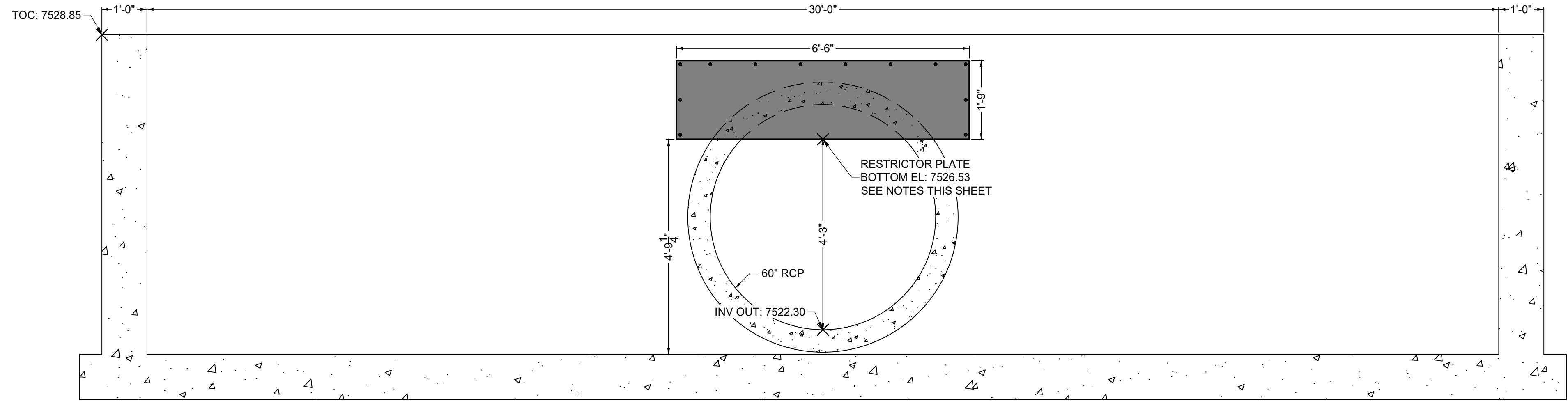
FLYING HORSE NORTH FILING 4
PRI #2, LLC.
EL PASO COUNTY, CO

POND DETAILS
POND B OUTLET STRUCTURE

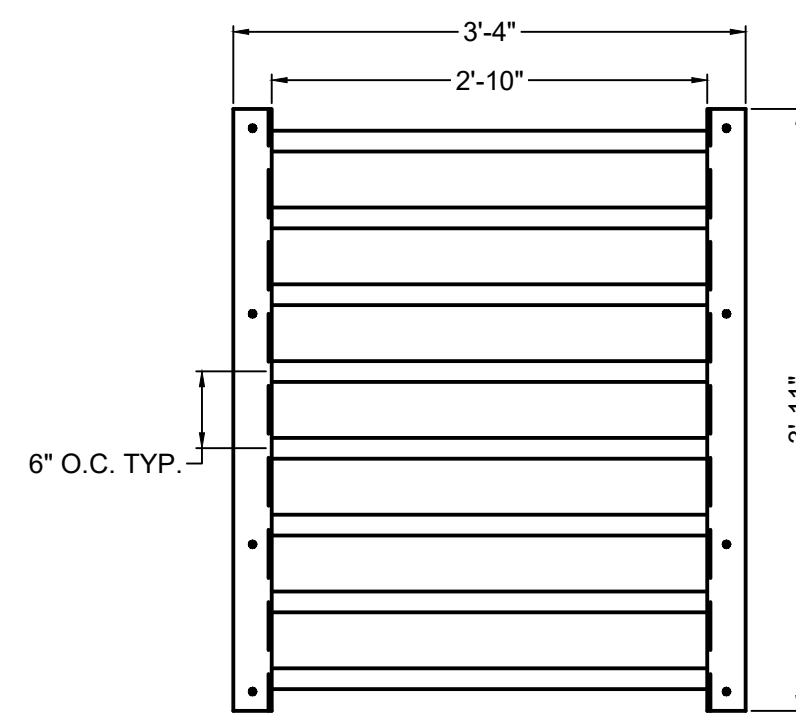
SHEET
PND
28



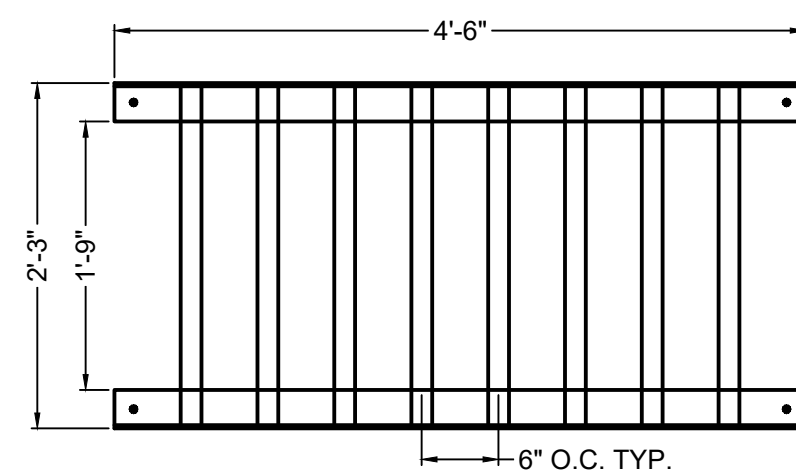
SECTION VIEW B-B
FRONT FACE
SCALE: 1" = 1-1/4'



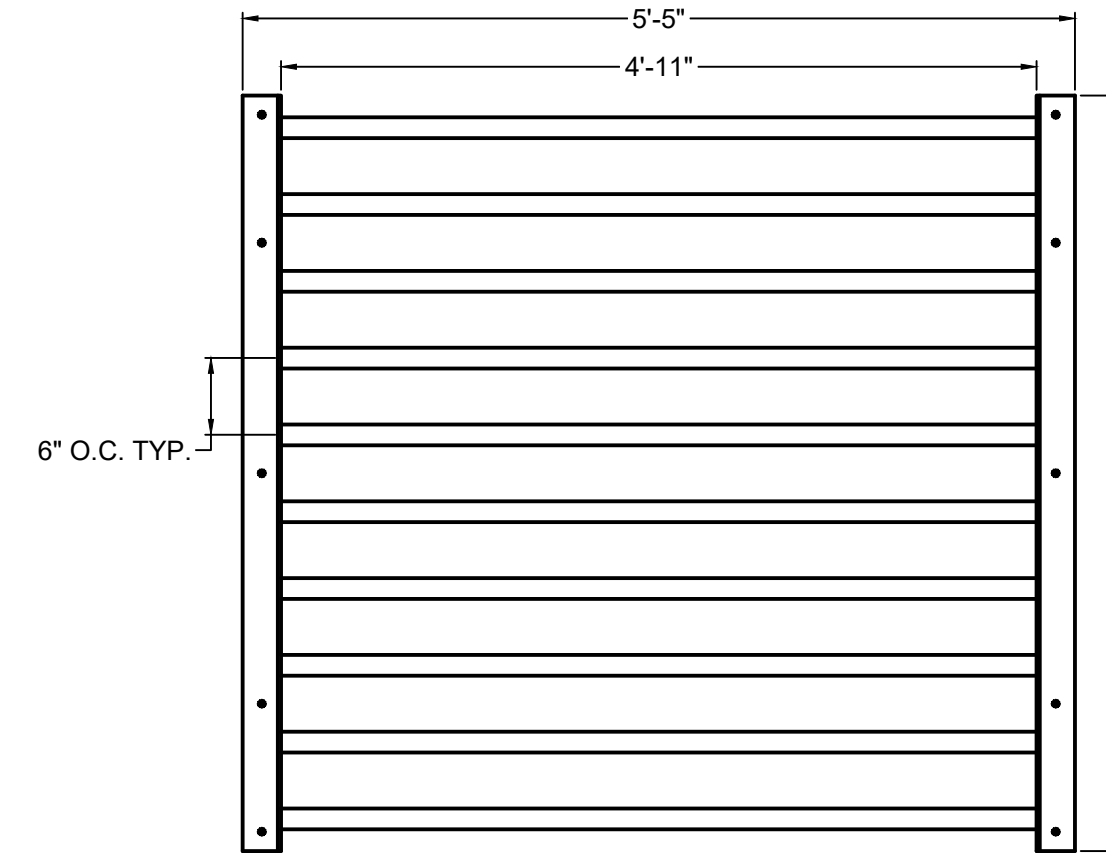
SECTION VIEW C-C
RESTRICTOR PLATE
SCALE: 1" = 1-1/4'



ELEVATION VIEW
MICROPOOL TOP GRATE
SCALE: 1" = 1-1/4'



ELEVATION VIEW
MICROPOOL FRONT GRATE
SCALE: 1" = 1-1/4'



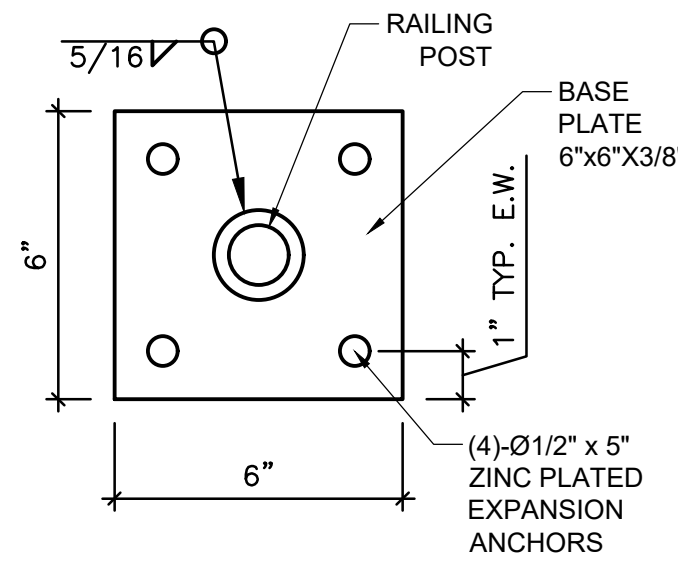
PLAN VIEW
SAFETY GRATE - QTY. 6
SCALE: 1" = 1-1/4'

TWO SIGNS SHALL BE INSTALLED AROUND THE POND PERIMETER. THE SIGNS SHALL BE CONSTRUCTED OF A DURABLE MATERIAL SUCH AS METAL OR PLASTIC AND HAVE RED LETTERING ON A WHITE BACKGROUND WITH THE BELOW MESSAGE.

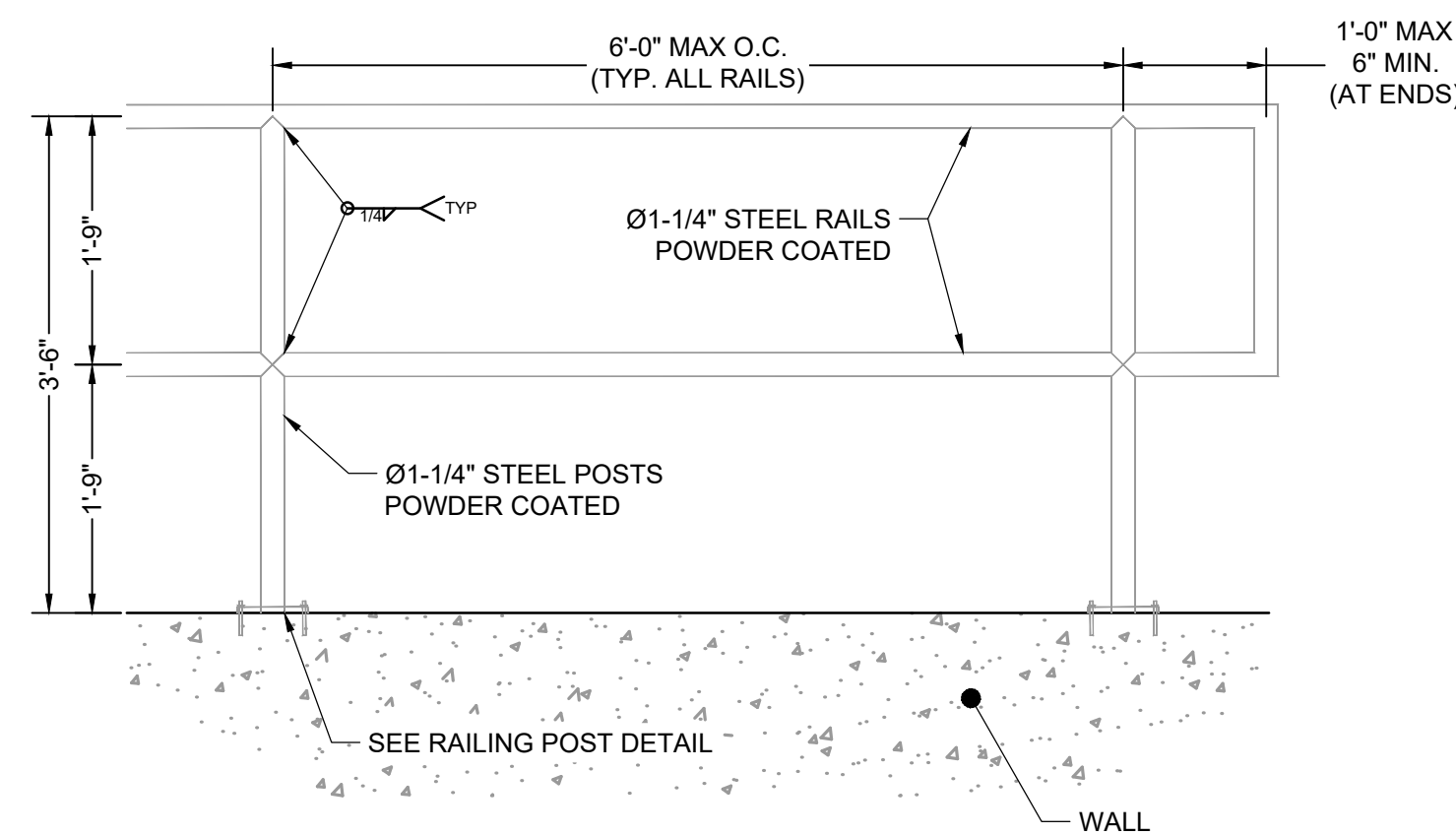
WARNING:
THIS AREA IS A
STORMWATER
FACILITY AND
IS SUBJECT TO
PERIODIC
FLOODING

Minimum Sign Area: 3 sqft

POND WARNING SIGN
DETAIL
SCALE: N.T.S.



DETAIL VIEW
PEDESTRIAN RAILING POST
SCALE: 3/4" = 1'



DETAIL VIEW
PEDESTRIAN RAILING
SCALE: 3/4" = 1'

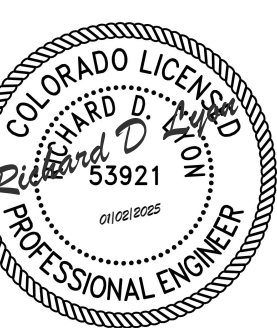
SAFETY GRATES/TRASH RACK NOTES:

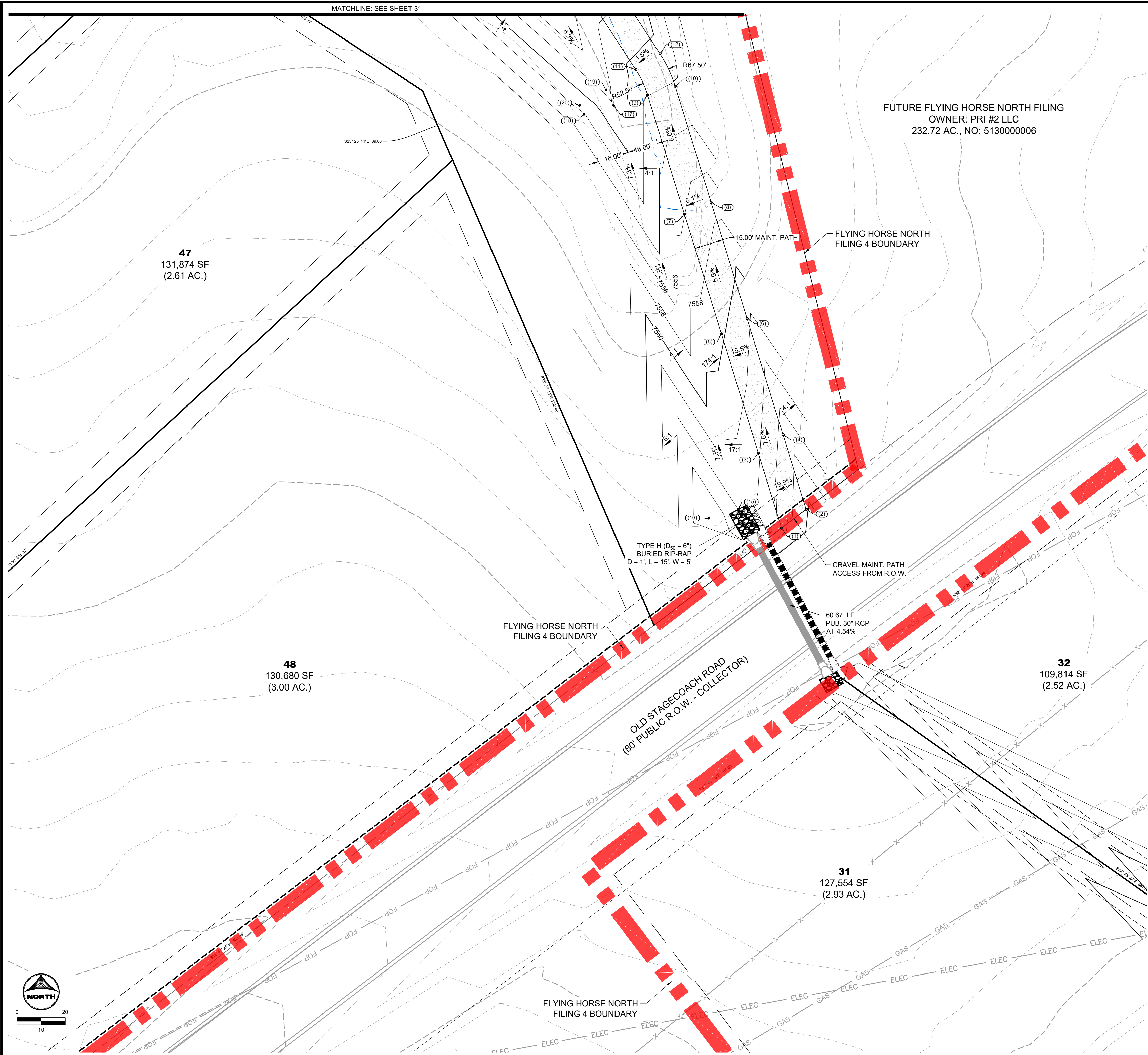
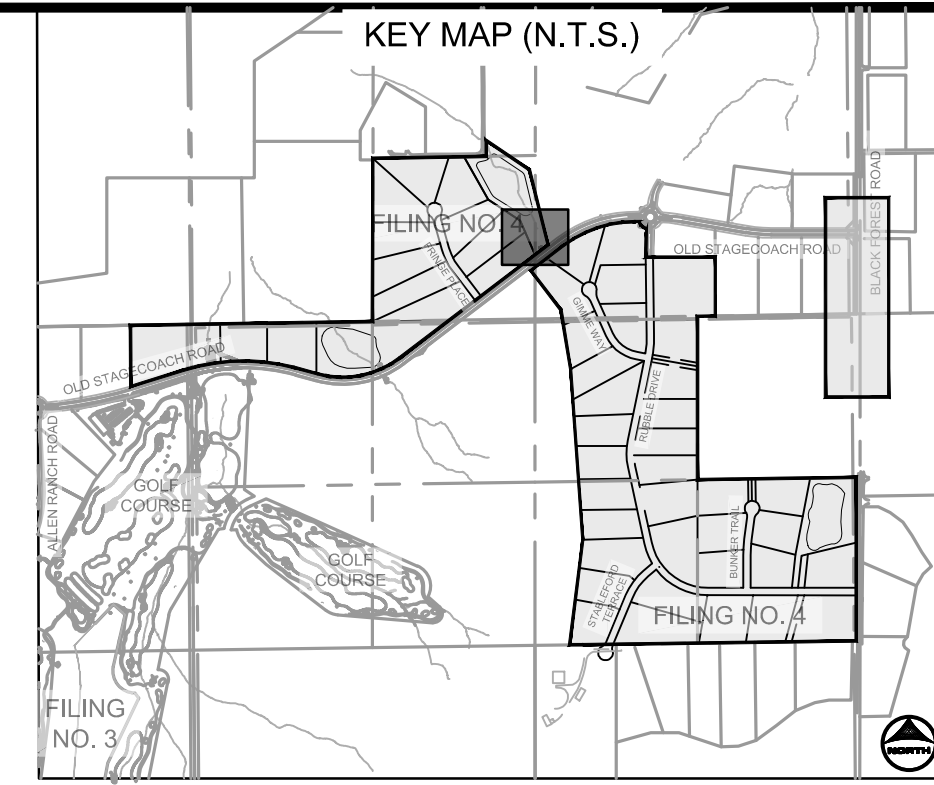
- TRASH RACKS AND SAFETY GRATES SHALL BE 1-1/2" SCH. 40 STEEL PIPE, @ 6" CENTERS BOUNDED BY 3"x3"x1/4" ANGLE IRON. ALL GRATES SHALL BE MOUNTED USING ZINC PLATED STEEL HARDWARE.
- REMOVABLE GRATE SECTIONS SHALL BE MOUNTED USING ZINC PLATED STEEL HARDWARE AND PROVIDED WITH HINGED & LOCKABLE OR BOLTABLE ACCESS PANELS AS SHOWN ON THE PLANS.
- STEEL GRATES SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.
- STRUCTURAL STEEL FOR GRATES SHALL BE GALVANIZED AND SHALL BE IN ACCORDANCE WITH CDOT STANDARD SPECIFICATIONS, SUBSECTION 712.06.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR GRATING FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

RESTRICTOR PLATE NOTES:

- 3/8" THICK RESTRICTOR PLATE, GALVANIZED STEEL.
- BOLT PLATE TO CONCRETE @ 12" O.C. MAX.
- PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN PLATE AND CONCRETE.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR RESTRICTOR PLATE FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

NO.	DATE	BY	REVISION DESCRIPTION





FUTURE FLYING HORSE NORTH FILING
 OWNER: PRI #2 LLC
 232.72 AC., NO: 513000006

47
 131,874 SF
 (2.61 AC.)

48
 130,680 SF
 (3.00 AC.)

32
 109,814 SF
 (2.52 AC.)

31
 127,554 SF
 (2.93 AC.)

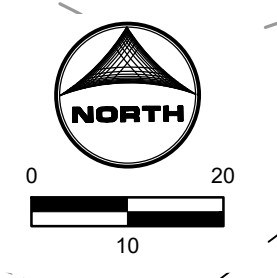
POINT TABLE			
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(1)	Begin Maint. Road	N: 447637.89 E: 225836.62	7567.48
(2)	Begin Maint. Road	N: 447647.57 E: 225849.33	7569.68
(3)	Maint. Road	N: 447676.64 E: 225824.63	7563.81
(4)	Maint. Road	N: 447686.22 E: 225837.37	7566.56
(5)	Maint. Road	N: 447738.48 E: 225805.51	7559.77
(6)	Maint. Road	N: 447746.34 E: 225818.78	7561.63
(7)	Maint. Road	N: 447800.31 E: 225796.38	7555.97
(8)	Maint. Road	N: 447806.46 E: 225800.18	7557.18
(9)	Maint. Road	N: 447862.14 E: 225767.26	7551.95
(10)	Maint. Road	N: 447866.57 E: 225781.59	7552.25
(11)	Maint. Road	N: 447875.20 E: 225761.14	7550.45
(12)	Maint. Road	N: 447883.36 E: 225773.73	7550.74
(13)	Maint. Road	N: 447930.96 E: 225724.97	7545.24
(14)	Maint. Road	N: 447939.12 E: 225737.55	7545.52
(15)	Swale FL	N: 447647.46 E: 225814.09	7564.05
(16)	Edge of Swale	N: 447642.88 E: 225798.95	7568.00
(17)	Swale FL	N: 447856.68 E: 225749.58	7548.15
(18)	Edge of Swale	N: 447851.95 E: 225734.29	7552.15
(19)	Swale FL	N: 447864.83 E: 225745.82	7547.49
(20)	Edge of Swale	N: 447856.66 E: 225732.06	7551.47

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 SHEET 2.

ABBREVIATIONS:

- T.O.W. - TOP OF WALL
- B.O.P. - BOTTOM OF POND
- T.O.P. - TOP OF POND
- T.C. - TRICKLE CHANNEL
- G.B. - GRADE BREAK



DRAWN BY: CMD JOB DATE: 12/5/24
 APPROVED: RDL JOB NUMBER: 211030.240
 CAD DATE: 8/19/2024
 CAD FILE: J:\2021\211030\CAD\DWG\C\Filing_No_4\Pond_C_Grading

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 160
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

FLYING HORSE NORTH FILING 4
PRI #2, LLC.
 EL PASO COUNTY, CO

POND DETAILS
 POND C GRADING PLAN

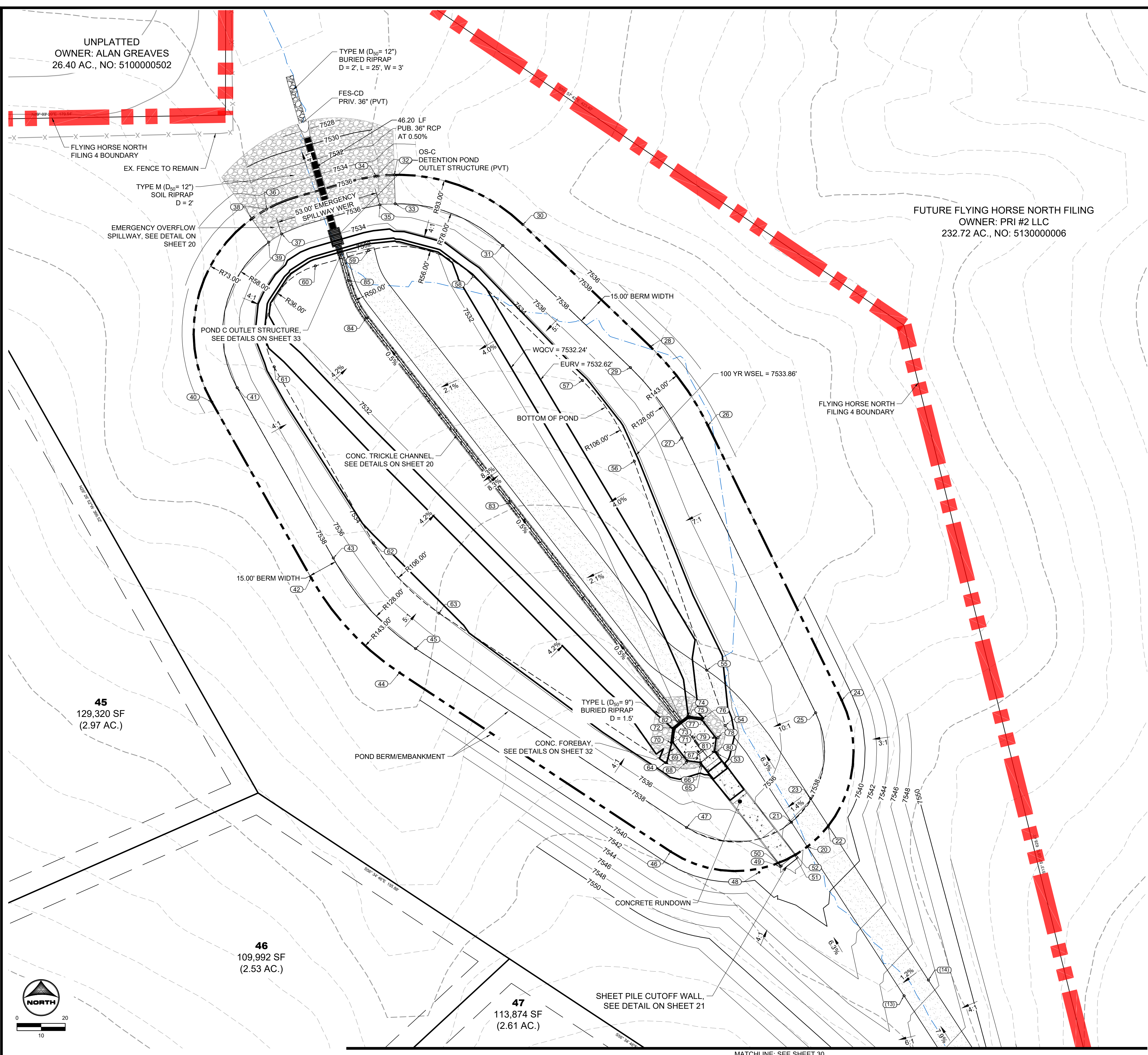
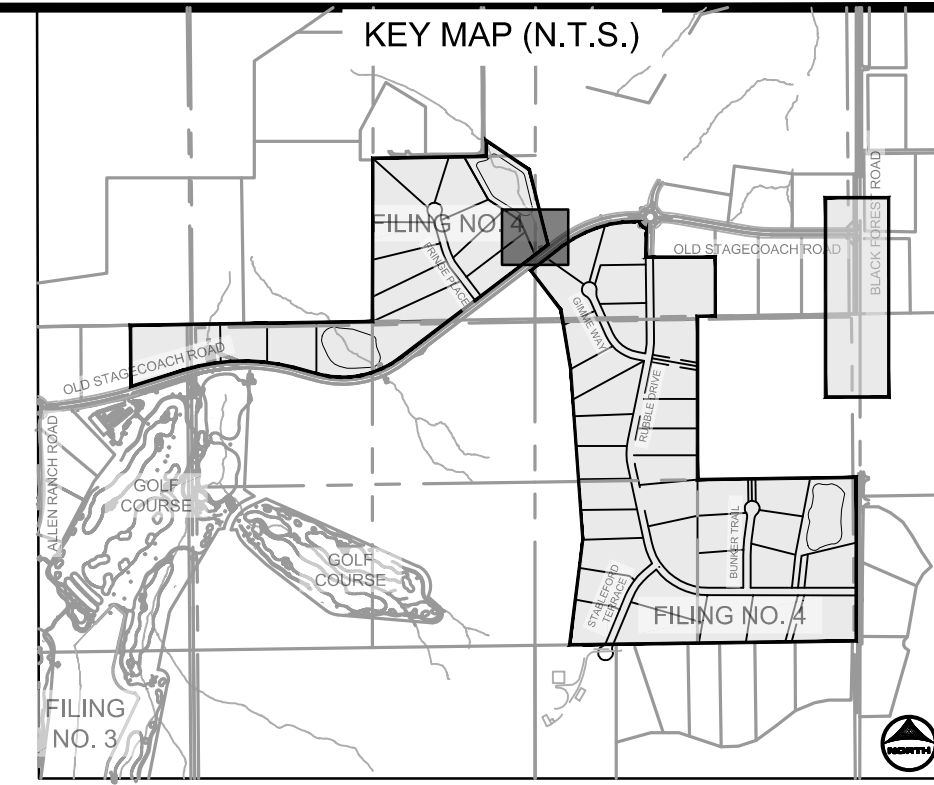
SHEET
PND
30



PCD FILE NO.: SF2422

DOMBROWSKI, COLIN, 12/5/2024, 4:59 PM

UNPLATTED
OWNER: ALAN GREAVES
26.40 AC., NO: 5100000502



FUTURE FLYING HORSE NORTH FILING
OWNER: PRI #2 LLC
232.72 AC., NO: 513000006

POINT TABLE			
No.	DESC.	NORTHING & EASTING	ELEV
20	Maint. Road/TOP	N: 448008.13 E: 225674.90	7538.03
21	Maint. Road/TOP	N: 448020.80 E: 225686.86	7538.00
22	Maint. Road/TOP	N: 448018.95 E: 225686.86	7538.05
23	Maint. Road/TOP	N: 448033.04 E: 225686.86	7538.00
24	TOP	N: 448084.00 E: 225686.86	7538.00
25	TOP	N: 448077.43 E: 225686.86	7538.00
26	TOP	N: 448226.26 E: 225686.86	7538.00
27	TOP	N: 448219.70 E: 225686.86	7538.00
28	TOP	N: 448267.00 E: 225686.86	7538.00
29	TOP	N: 448256.16 E: 225686.86	7538.00
30	TOP	N: 448330.17 E: 225686.86	7538.00
31	TOP	N: 448319.33 E: 225686.86	7538.00
32	Spillway	N: 448355.94 E: 225686.86	7538.00
33	Spillway	N: 448340.95 E: 225686.86	7538.00
34	Spillway Crest	N: 448355.25 E: 225686.86	7536.00
35	Spillway Crest	N: 448340.36 E: 225686.86	7536.00
36	Spillway Crest	N: 448338.14 E: 225686.86	7536.00
37	Spillway Crest	N: 448325.33 E: 225686.86	7536.00
38	Spillway	N: 448333.22 E: 225686.86	7538.00
39	Spillway	N: 448321.07 E: 225686.86	7538.00
40	TOP	N: 448238.32 E: 225686.86	7538.00
41	TOP	N: 448245.70 E: 225686.86	7538.00
42	TOP	N: 448147.23 E: 225686.86	7538.00
43	TOP	N: 448157.58 E: 225686.86	7537.99
44	TOP	N: 448098.18 E: 225686.86	7538.00
45	TOP	N: 448110.70 E: 225686.86	7538.00
46	TOP	N: 448005.60 E: 225686.86	7538.00
47	TOP	N: 448018.12 E: 225686.86	7538.00
48	TOP/Edge of Swale	N: 447994.87 E: 225686.86	7538.81
49	Rundown TOW	N: 447997.86 E: 225686.86	7539.00
50	Rundown BOW	N: 447998.20 E: 225686.86	7537.50
51	Rundown BOW	N: 448003.74 E: 225686.86	7537.50
52	Rundown TOW	N: 448004.05 E: 225686.86	7539.00

POINT TABLE			
No.	DESC.	NORTHING & EASTING	ELEV
53	BOP/Rundown TOW	N: 448056.19 E: 225626.34	7533.24
54	Maint. Road/BOP	N: 448070.90 E: 225632.34	7533.41
55	Maint. Road/BOP	N: 448059.51 E: 225622.87	7532.98
56	BOP	N: 448207.65 E: 225686.86	7533.41
57	BOP	N: 448248.49 E: 225686.86	7533.34
58	BOP	N: 448303.43 E: 225686.86	7532.50
59	BOP	N: 448316.76 E: 225686.86	7531.35
60	BOP	N: 448308.79 E: 225686.86	7531.34
61	BOP	N: 448256.51 E: 225686.86	7532.83
62	BOP	N: 448165.42 E: 225686.86	7533.92
63	BOP	N: 448129.02 E: 225686.86	7534.00
64	BOP	N: 448051.70 E: 225686.86	7532.56
65	BOP/Rundown TOW	N: 448050.00 E: 225686.86	7533.24
66	Forebay Outer	N: 448050.85 E: 225686.86	7533.16
67	Forebay Inner	N: 448051.80 E: 225686.86	7531.66
68	Forebay Outer	N: 448051.80 E: 225686.86	7533.22
69	Forebay Inner	N: 448052.67 E: 225686.86	7531.62
70	Forebay Outer	N: 448061.95 E: 225686.86	7532.58
71	Forebay Inner	N: 448062.21 E: 225686.86	7531.49
72	Forebay Outer	N: 448069.65 E: 225686.86	7532.19
73	Forebay Inner	N: 448069.15 E: 225686.86	7531.46
74	Forebay Outer	N: 448075.67 E: 225686.86	7532.19
75	Forebay Inner	N: 448074.70 E: 225686.86	7531.46
76	Forebay Outer	N: 448074.71 E: 225686.86	7532.58
77	Forebay Inner	N: 448073.83 E: 225686.86	7531.49
78	Forebay Outer	N: 448064.56 E: 225686.86	7533.22
79	Forebay Inner	N: 448064.29 E: 225686.86	7531.62
80	Forebay Outer	N: 448057.01 E: 225686.86	7533.16
81	Forebay Inner	N: 448057.35 E: 225686.86	7531.66
82	TC Flow Line	N: 448072.66 E: 225686.86	7531.43
83	TC Flow Line	N: 448186.26 E: 225686.86	7530.71
84	TOP	N: 448281.82 E: 225446.60	7530.11
85	TC Flow Line	N: 448301.23 E: 225437.29	7530.00

- 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 SHEET 2.

ABBREVIATIONS:
T.O.W. - TOP OF WALL
B.O.P. - BOTTOM OF POND
T.O.P. - TOP OF POND
T.C. - TRICKLE CHANNEL
G.B. - GRADE BREAK



PCD FILE NO.: SF2422

DRAWN BY: CMD JOB DATE: 12/5/24
APPROVED: RDL JOB NUMBER: 211030.240
CAD DATE: 8/19/2024
CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing_No_4\Pond_C_Grading

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

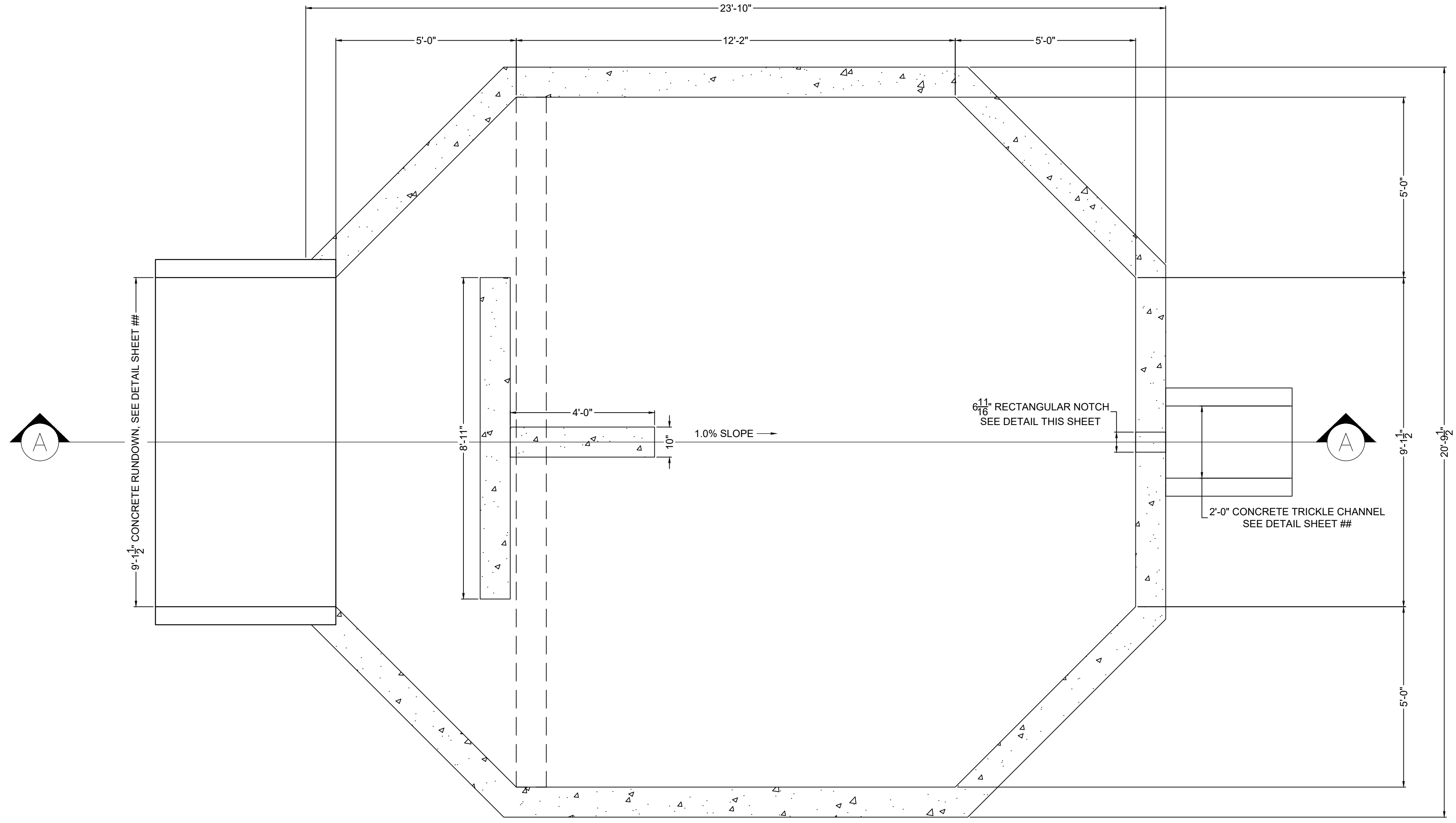
NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

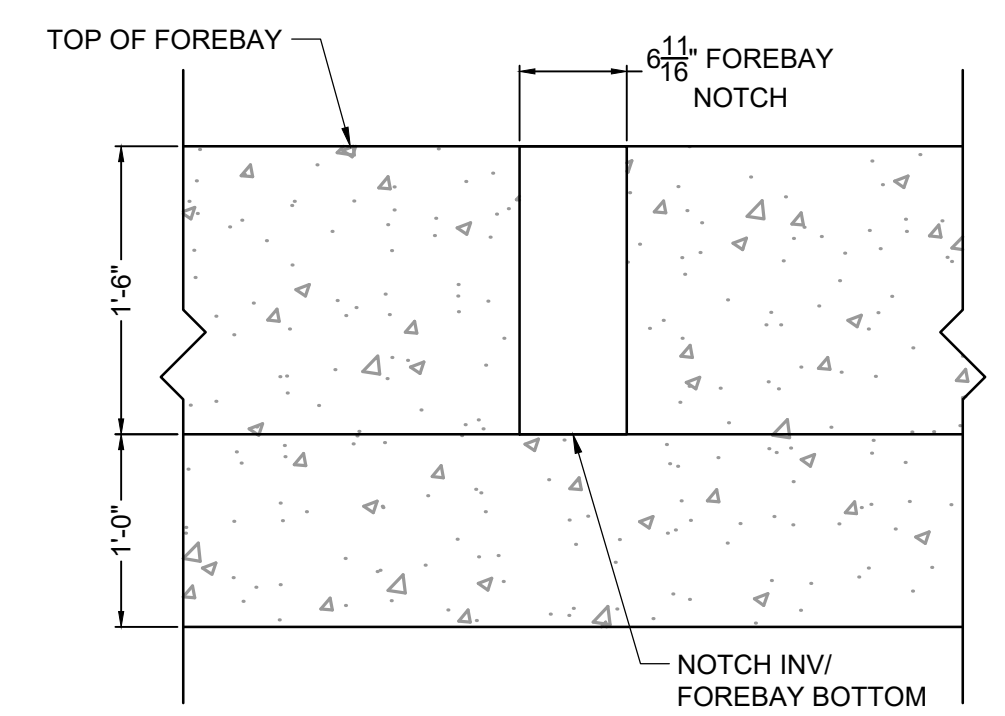
**FLYING HORSE NORTH FILING 4
PRI #2, LLC.
EL PASO COUNTY, CO**

**POND DETAILS
POND C GRADING PLAN**

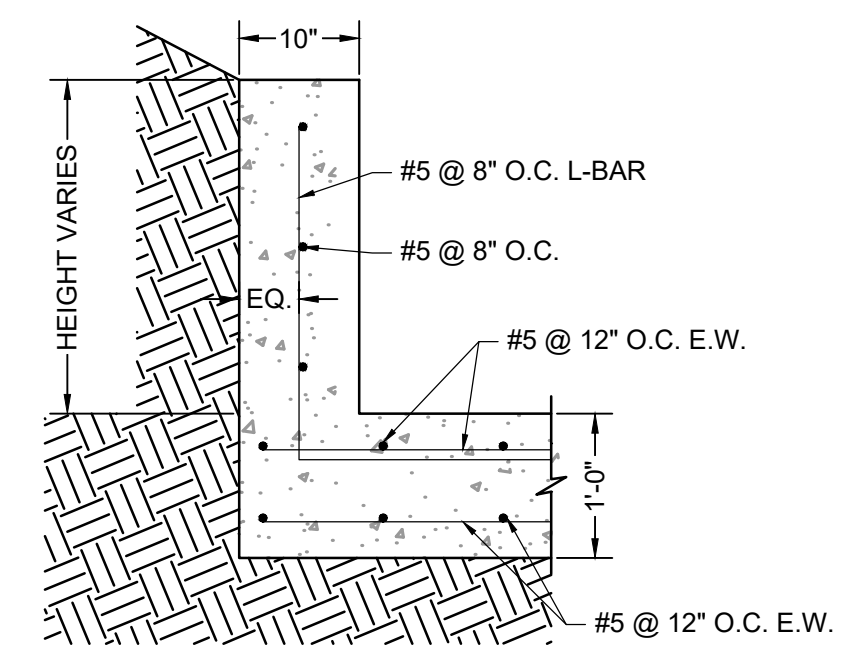
**SHEET
PND
31**



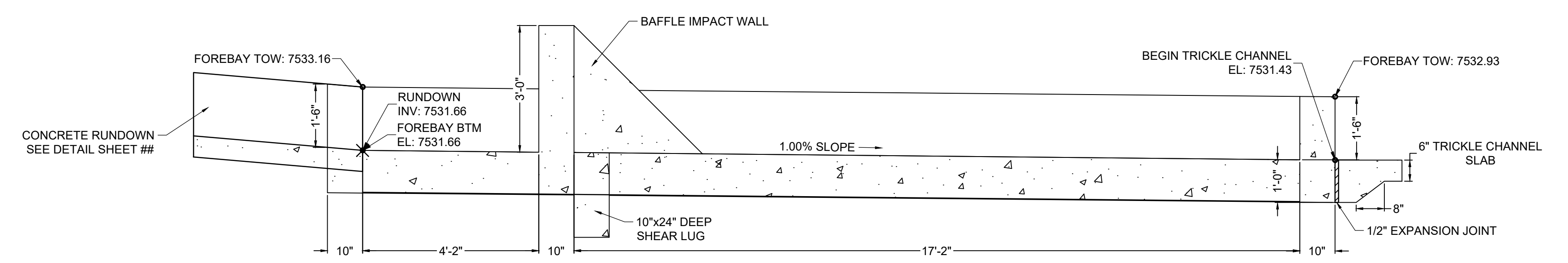
PLAN VIEW
FOREBAY C
SCALE: 1"=2'



FOREBAY C NOTCH DETAIL
SCALE: NTS



ELEVATION VIEW
FOREBAY REINFORCING DETAIL
SCALE: NTS



SECTION VIEW A-A
FOREBAY C
SCALE: 1"=2'

DRAWN BY: CMD	JOB DATE: 10/31/24	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: RDL	JOB NUMBER: 211030.240	0
CAD DATE: 8/22/2024		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
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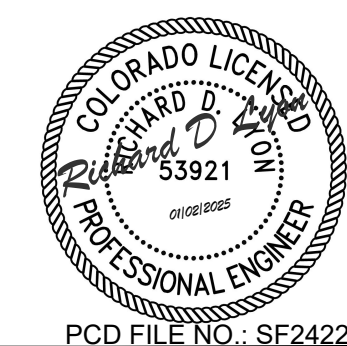
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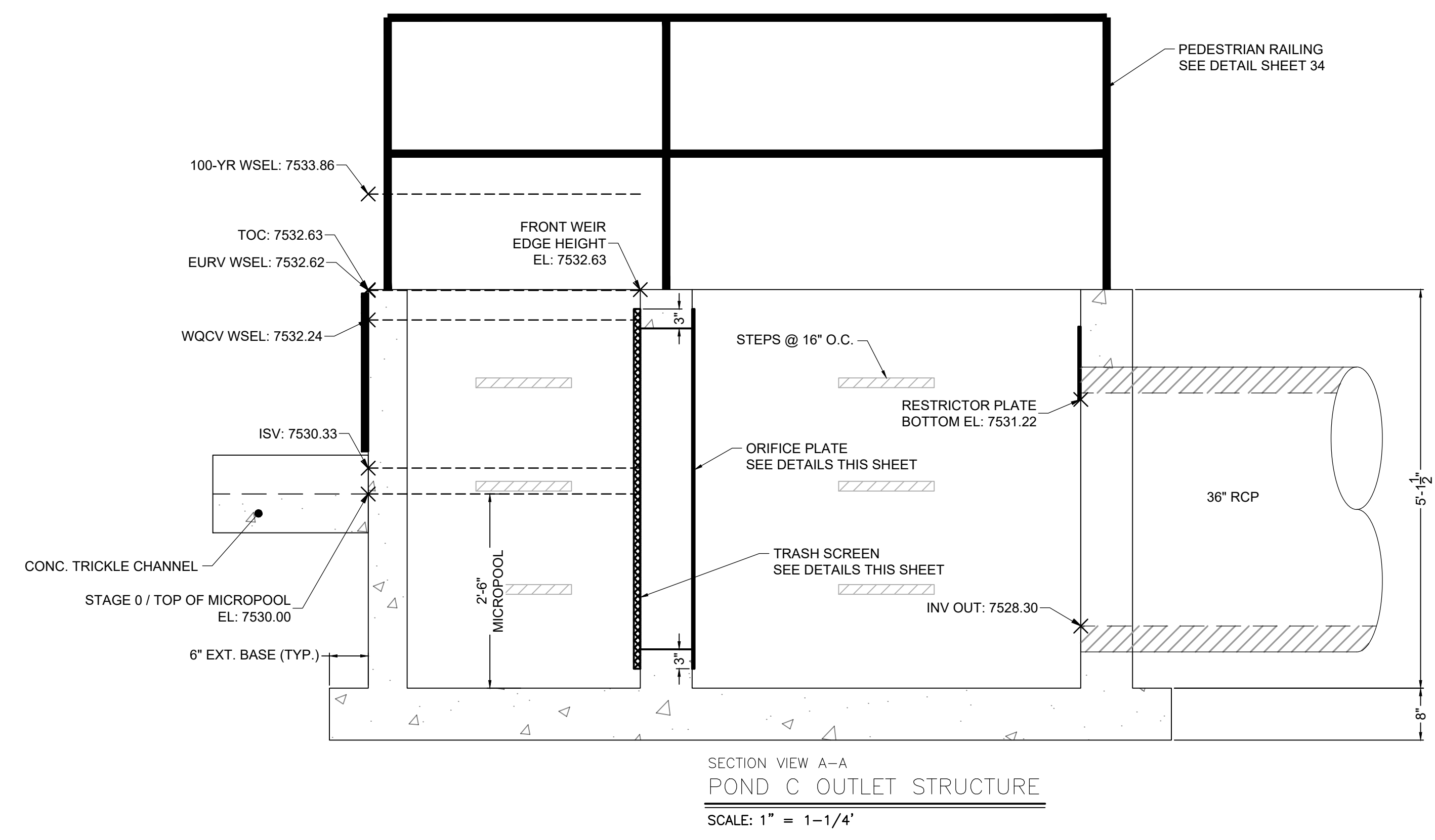
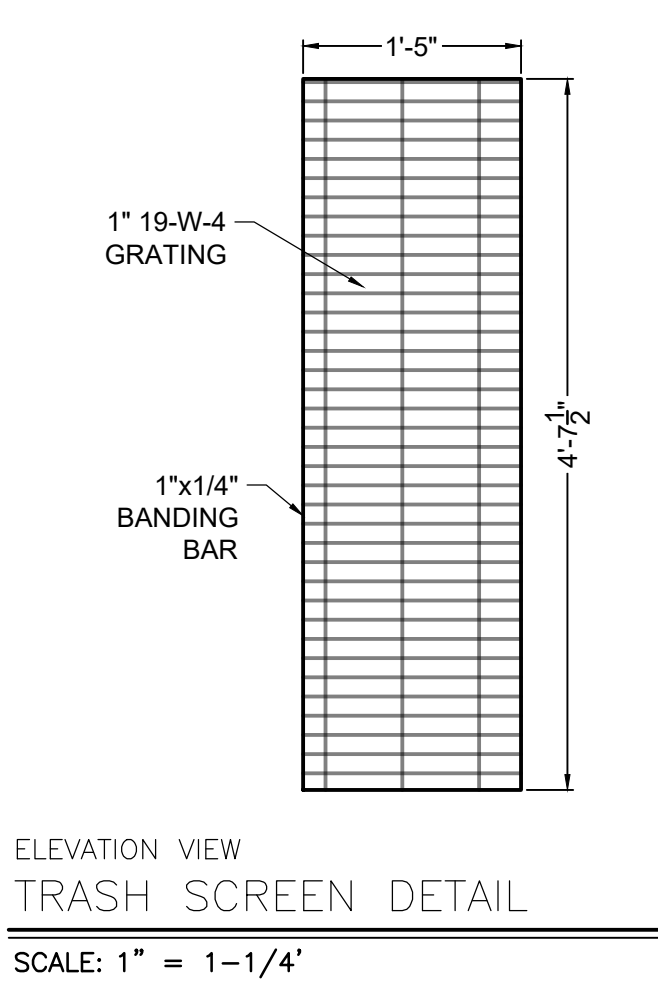
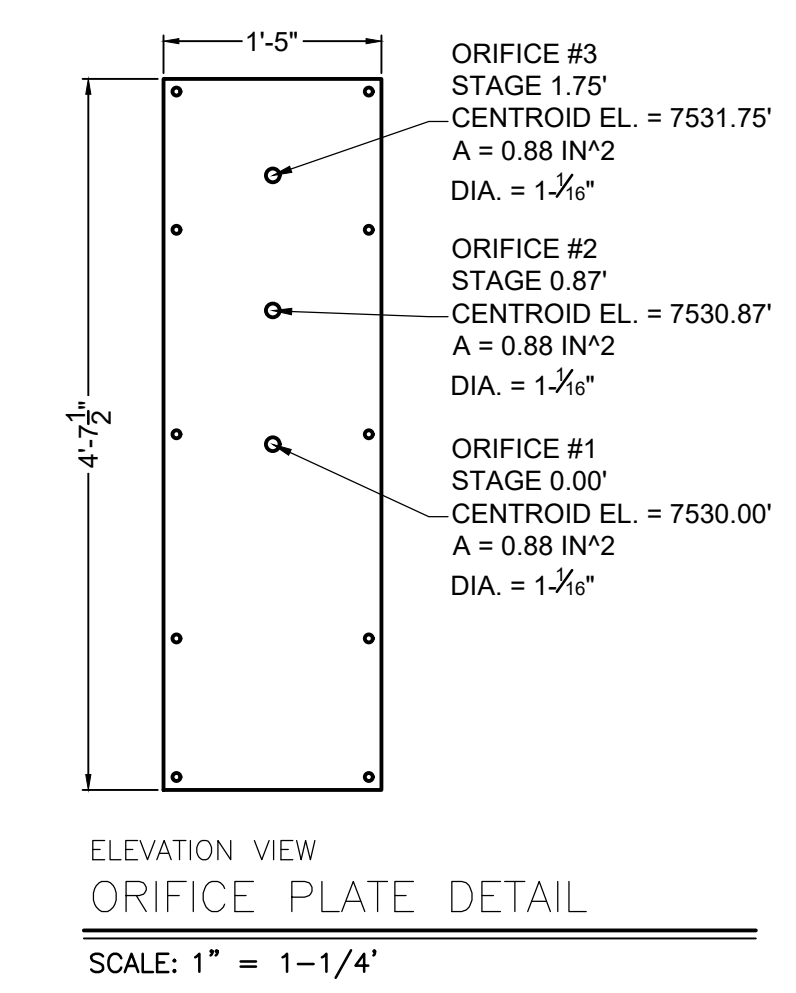
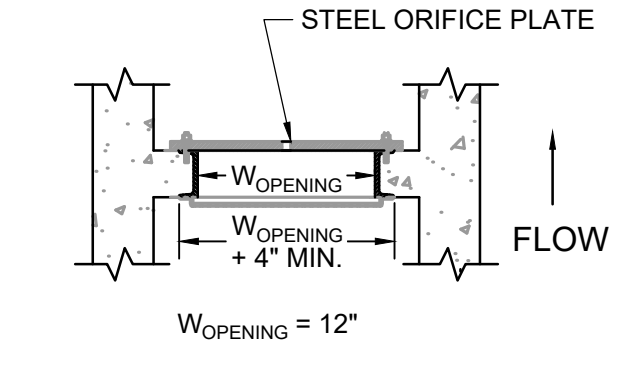
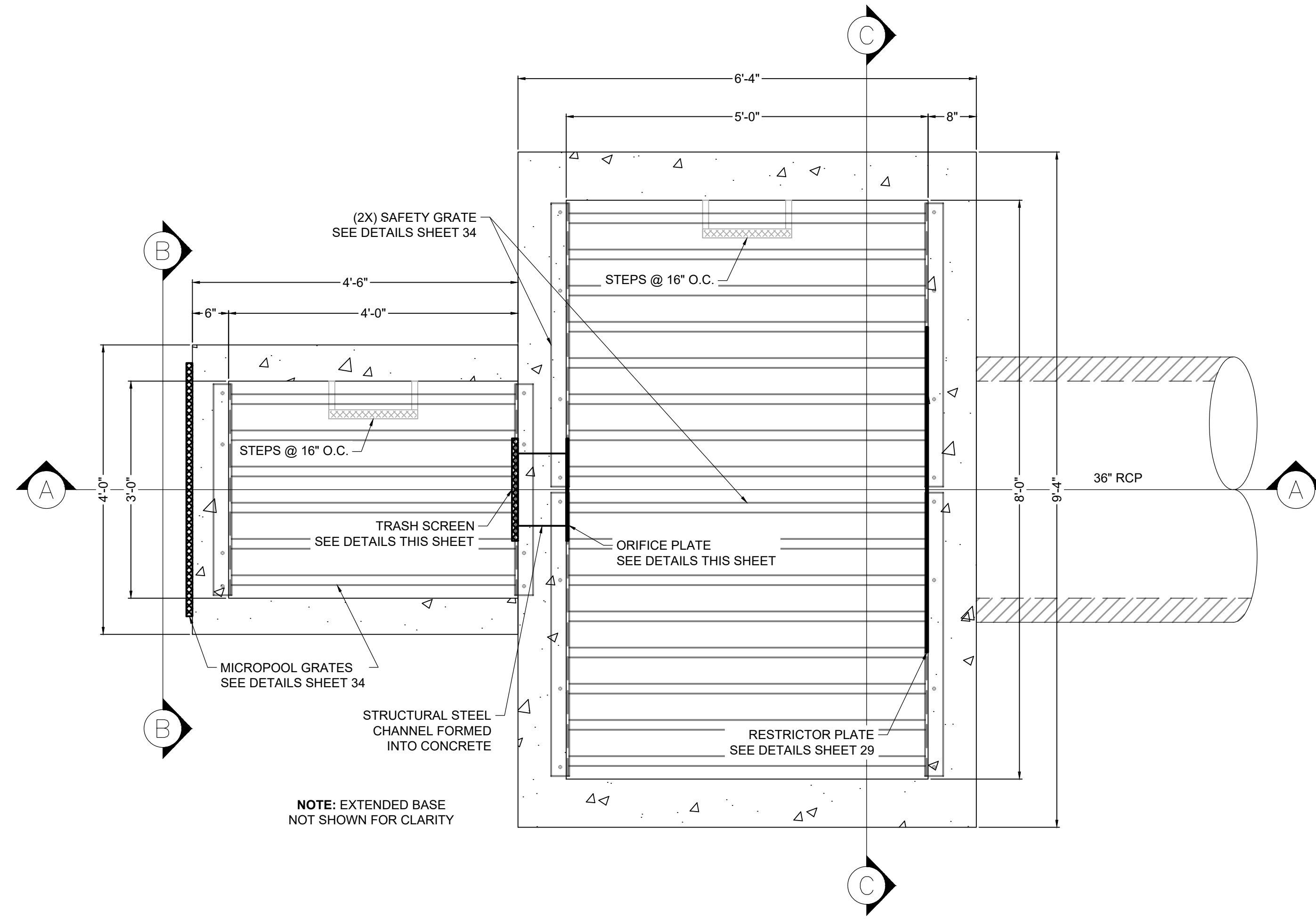
HRGreen
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 FAX: 713.965.0044

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 EL PASO COUNTY, CO

POND DETAILS
 POND C FOREBAY

SHEET
 PND
 32



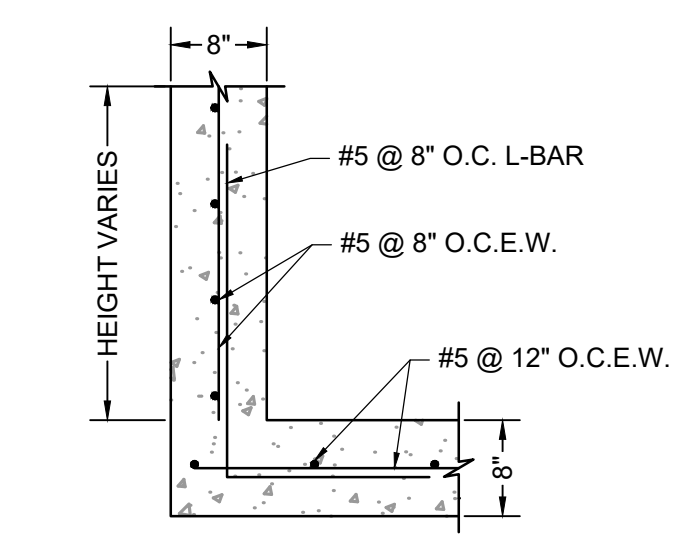


TRASH SCREEN NOTES:

1. TRASH SCREEN SHALL BE JOHNSON STAINLESS STEEL WELL SCREEN WITH #93 VEE WIRE OR APPROVED EQUIVALENT AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
2. TRASH SCREEN 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).
3. STRUCTURAL DESIGN OF TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR TRASH SCREEN FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

ORIFICE PLATE NOTES:

1. PLATE TO BE 3/8" THICK GALVANIZED STEEL.
2. BOLT PLATE TO CONCRETE 16" O.C. MAX.
3. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ORIFICE PLATE FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.



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 APPROVED: RDL JOB NUMBER: 211030.240
 CAD DATE: 8/22/2024
 CAD FILE: J:\2021\211030\CAD\Drawings\C\Drawing_No_4\Outlet_Structure_Details

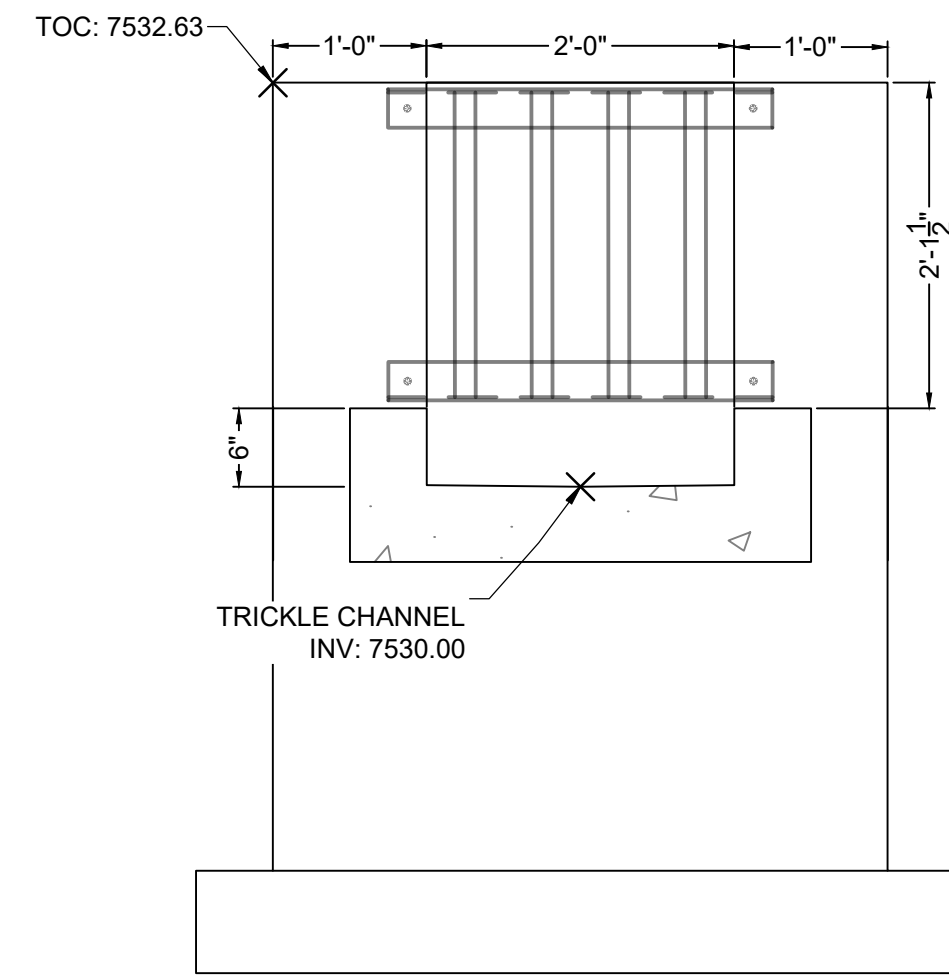
NO.	DATE	BY	REVISION DESCRIPTION

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 PHONE: 719.300.4140
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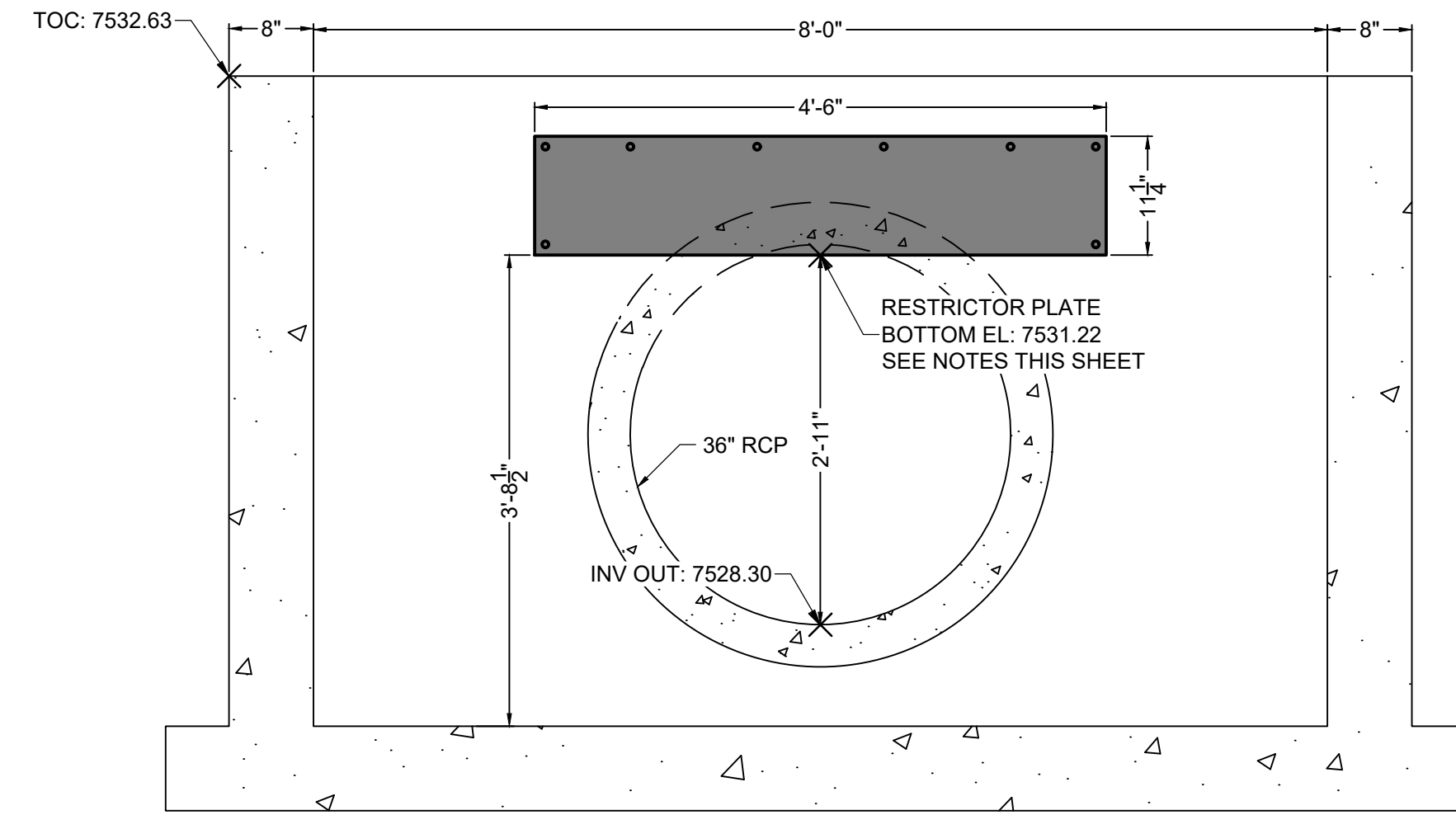
FLYING HORSE NORTH FILING 4
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 EL PASO COUNTY, CO

POND DETAILS
 POND C OUTLET STRUCTURE

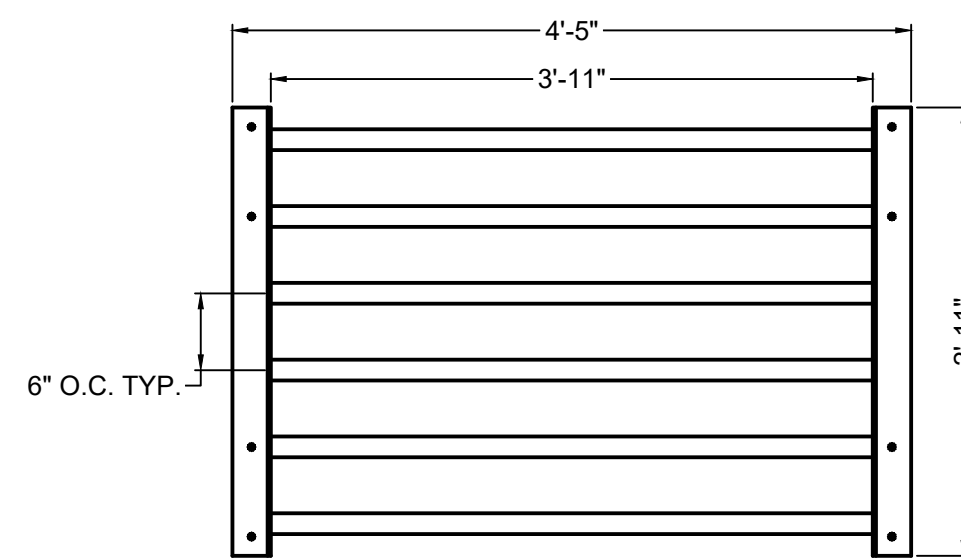
SHEET
PND
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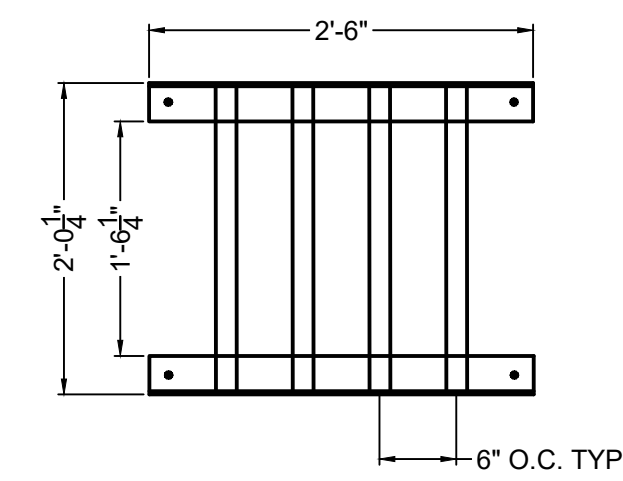
SECTION VIEW B-B
FRONT FACE
SCALE: 1" = 1-1/4"



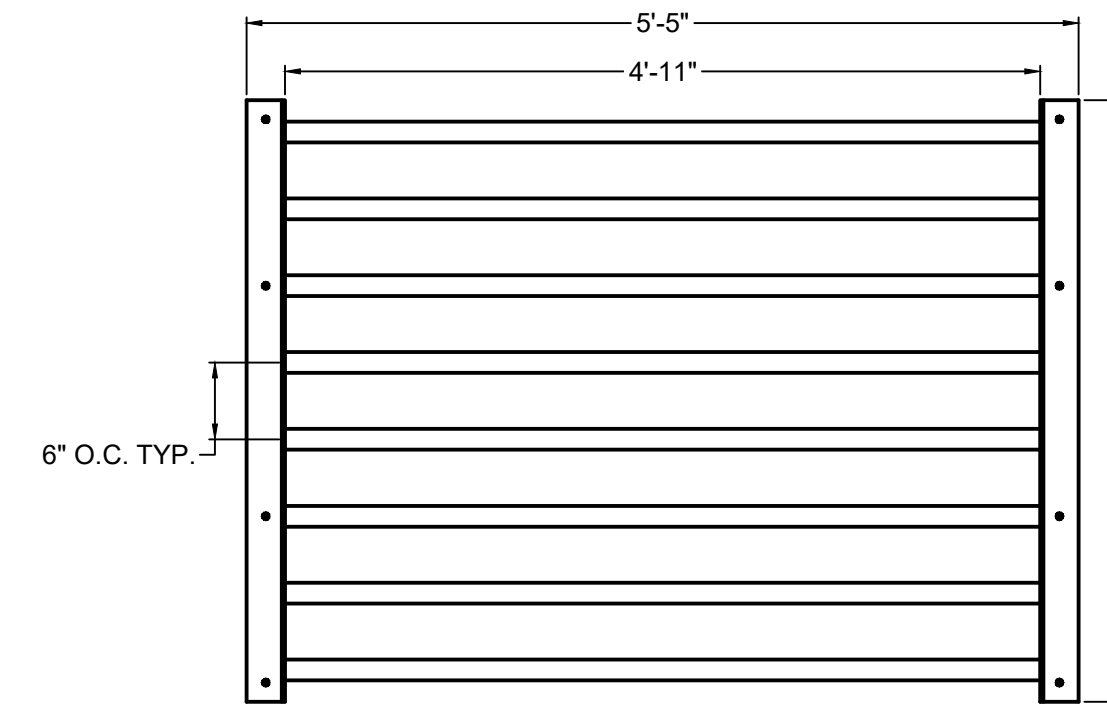
SECTION VIEW C-C
RESTRICTOR PLATE
SCALE: 1" = 1-1/4"



ELEVATION VIEW
MICROPOOL TOP GRATE
SCALE: 1" = 1-1/4"



ELEVATION VIEW
MICROPOOL FRONT GRATE
SCALE: 1" = 1-1/4"



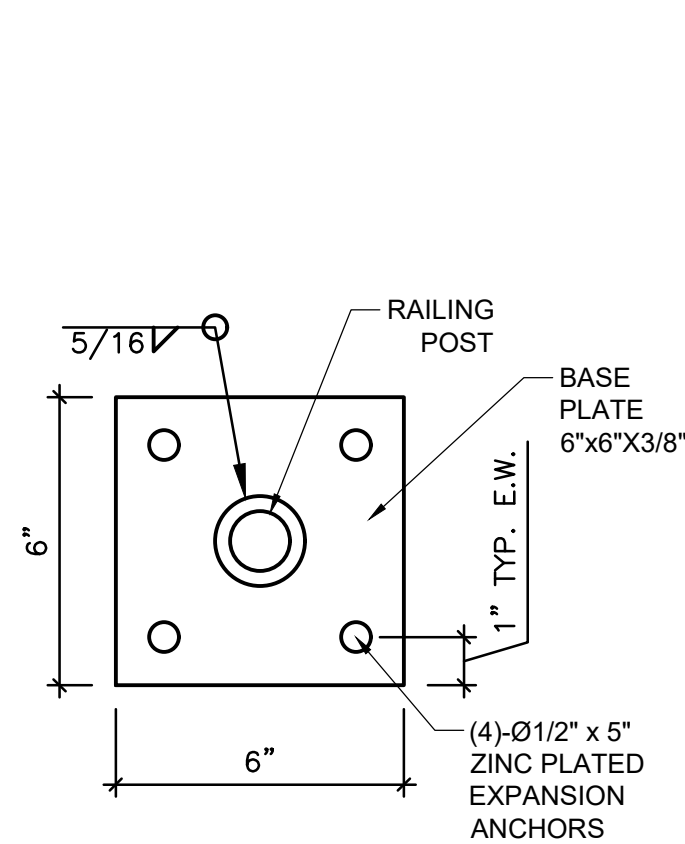
PLAN VIEW
SAFETY GRATE - QTY. 2
SCALE: 1" = 1-1/4"

TWO SIGNS SHALL BE INSTALLED AROUND THE POND PERIMETER. THE SIGNS SHALL BE CONSTRUCTED OF A DURABLE MATERIAL SUCH AS METAL OR PLASTIC AND HAVE RED LETTERING ON A WHITE BACKGROUND WITH THE BELOW MESSAGE.

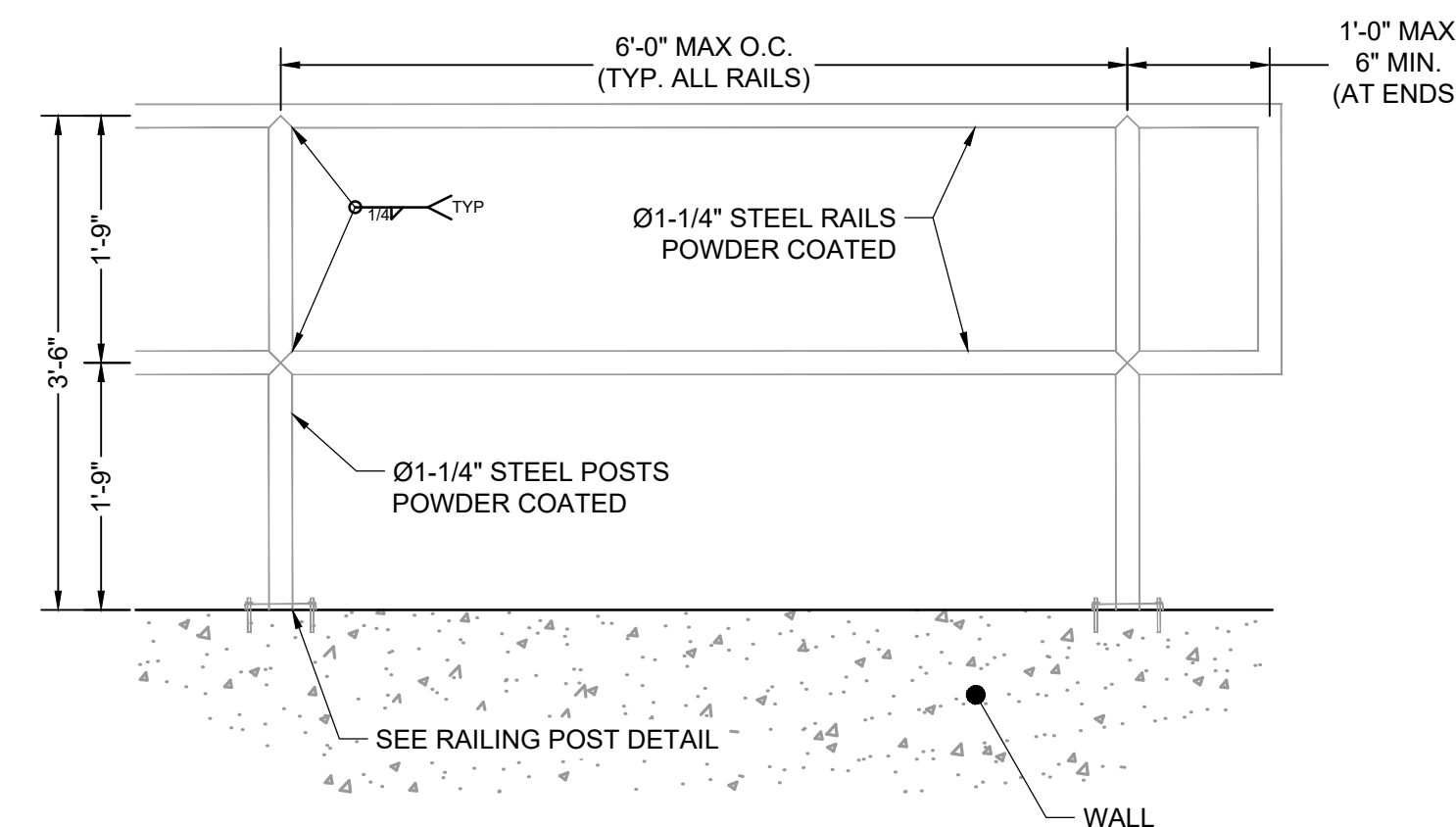
WARNING:
THIS AREA IS A
STORMWATER
FACILITY AND
IS SUBJECT TO
PERIODIC
FLOODING

Minimum Sign Area: 3 sqft

POND WARNING SIGN
DETAIL
SCALE: N.T.S.



DETAIL VIEW
PEDESTRIAN RAILING POST
SCALE: 3/4" = 1'



DETAIL VIEW
PEDESTRIAN RAILING
SCALE: 3/4" = 1'

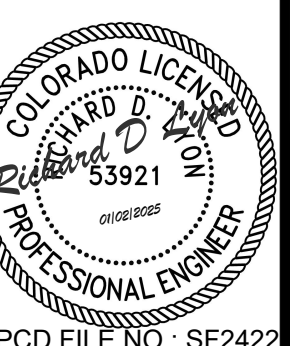
SAFETY GRATES/TRASH RACK NOTES:

- TRASH RACKS AND SAFETY GRATES SHALL BE 1-1/2" SCH. 40 STEEL PIPE, @ 6" CENTERS BOUNDED BY 3"x3"x1/4" ANGLE IRON. ALL GRATES SHALL BE MOUNTED USING ZINC PLATED STEEL HARDWARE.
- REMOVABLE GRATE SECTIONS SHALL BE MOUNTED USING ZINC PLATED STEEL HARDWARE AND PROVIDED WITH HINGED & LOCKABLE OR BOLTABLE ACCESS PANELS AS SHOWN ON THE PLANS.
- STEEL GRATES SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.
- STRUCTURAL STEEL FOR GRATES SHALL BE GALVANIZED AND SHALL BE IN ACCORDANCE WITH CDOT STANDARD SPECIFICATIONS, SUBSECTION 712.06.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR GRATING FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

RESTRICTOR PLATE NOTES:

- 3/8" THICK RESTRICTOR PLATE, GALVANIZED STEEL.
- BOLT PLATE TO CONCRETE @ 12" O.C. MAX.
- PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN PLATE AND CONCRETE.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR RESTRICTOR PLATE FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

NO.	DATE	BY	REVISION DESCRIPTION



GENERAL NOTES

- FOR SIZE AND LOCATION OF PIPES, SEE THE PLANS.
- ALL CONCRETE SHALL BE CLASS B.
- FITTINGS IN ROCK SHALL BE PAIRED OUT TO ROCK AND NOT FORMED IN ACCORDANCE WITH SUBSECTION 601.09(B).
- EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 1/4" IN.
- HEADWALL SHALL HAVE REINFORCING STEEL INSTALLED IN A PATTERN SIMILAR TO STANDARD PLAN M-601-10.
- THE COST OF REINFORCING STEEL SHALL BE INCLUDED IN THE WORK UNLESS THE STEEL QUANTITIES ARE LISTED IN THE PLANS AND ARE PAID FOR SEPARATELY.

CONCRETE HEADWALL INSTALLATIONS

SEE STANDARD PLAN M-601-10 FOR REINFORCING DETAILS.

PIPE TYPE	MATERIAL	PIPE DIAMETER (AND EQUIVALENT DIAMETER) (IN.)											
		18		24		30		36		42		48	
CIRCULAR	ROGID	1.0	1.3	1.5	2.0	2.0	2.7	2.8	3.6	3.6	4.6	4.6	6.0
	FLEXIBLE	1.1	1.4	1.6	2.1	2.2	3.0	3.0	4.0	3.9	5.3	5.0	6.8
ELLIPTICAL	ROGID	23 x 14		30 x 19		38 x 24		45 x 29		53 x 34		60 x 38	
	ARCH	0.9	1.2	1.3	1.6	1.7	2.2	2.3	2.9	2.9	3.7	3.5	4.4
ARCH	METAL	22 x 13		29 x 18		36 x 22		43 x 27		50 x 31		58 x 36	
	METAL	0.9	1.3	1.4	1.9	1.8	2.4	2.4	3.4	3.2	4.4	3.4	5.0

CONCRETE QUANTITIES FOR ONE CONCRETE HEADWALL (CUBIC YARDS)

THICKNESS	MATERIAL	PIPE DIAMETER (IN.)					
		18	24	30	36	42	48
4"	CONCRETE	0.4	0.8	1.2			
6"	CONCRETE			2.6	3.6	4.7	
18"	RIPRAP	2.0	3.5	5.4	7.8	10.7	13.9

PIPE OUTLET PAVING (CUBIC YARDS)

NOTE: VOLUME OCCUPIED BY PIPE HAS BEEN DEDUCTED.

THICKNESS	MATERIAL	PIPE DIAMETER (IN.)					
		18	24	30	36	42	48
4"	CONCRETE	0.4	0.8	1.2			
6"	CONCRETE			2.6	3.6	4.7	
18"	RIPRAP	2.0	3.5	5.4	7.8	10.7	13.9

GENERAL NOTES

- D = PIPE DIAMETER (INSIDE)
- H = D + 30"
- W = 3D + 18"
- T = 0.4 H (NEAREST IN.)
- B = 1.5 D (30" MINIMUM)
- L = W + B

REINFORCED CONCRETE CIRCULAR PIPE

- D = EQUIVALENT CIRCULAR DIAMETER (INSIDE)
- H = ROSE + 30"
- W = 3D + 18"
- T = 0.4 H (NEAREST IN.)
- B = 1.5 D (30" MINIMUM)
- L = W + B

Computer File Information	Sheet Revisions	Colorado Department of Transportation	HEADWALLS AND PIPE OUTLET PAVING	STANDARD PLAN NO. M-601-12
Creation Date: 07/31/19	Date: _____	2829 West Howard Place CODOT HQ, 3rd Floor Denver, CO 80204 Phone: 303-757-9021 FAX: 303-757-9868	Issued by the Project Development Branch: July 31, 2019	Standard Sheet No. 1 of 1
Designer Initials: JBK	Comments: _____	Project Development Branch JBK		Project Sheet Number: _____
Last Modification Date: 07/31/19				
Detailer Initials: LTA				
CAD Ver: MicroStation V8 Scale: Not to Scale Units: English				

GENERAL NOTES

- DIMENSIONS OF END SECTIONS MAY VARY SLIGHTLY FROM THOSE SHOWN ON THE TABLES DUE TO DIFFERENT MANUFACTURERS CONFIGURATIONS.
- CONCRETE END SECTIONS SHALL BE FURNISHED WITH TONGUE OR GROOVE AS REQUIRED.
- DESIGN LENGTH OF PIPE OR SIDE GRAB IS BASED ON LENGTH OF END SECTION SHOWN IN TABLE. ANY ADDITIONAL PIPE REQUIRED TO PROVIDE THE DESIGN LENGTH SHALL BE FURNISHED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.
- THE INSIDE CONFIGURATION AND THE JOINT OF CONCRETE END SECTION AND PIPE SHALL MATCH ON THE PLANS.
- END SECTIONS FOR CMP ARCH PIPE SHALL MATCH THE DIMENSIONS OF THE PIPE SHOWN ON THE PLANS.
- GALVANIZED TOE PLATE AS SHOWN IS REQUIRED ON END SECTIONS FOR CORRUGATED STEEL PIPE AND SHALL BE THE SAME THICKNESS AS END SECTIONS. TOE PLATE SHALL BE FIELD-BOLTED TO END SECTION WITH 1/2" GALVANIZED BOLTS, NUTS AND WASHERS.
- GALVANIZED STEEL SHALL CONFORM TO AASHTO M 151 M 218 OR M 212.
- CONCRETE PIPE JOINT FASTENERS, WHERE SHOWN ON PLANS, SHALL BE INSTALLED SO THAT A MINIMUM OF 15 LINEAR FEET OF THE OUTLET END OF THE PIPE ARE MECHANICALLY LOCKED TOGETHER. END SECTION LENGTHS WHEN USED, SHALL BE INCLUDED IN THE 15 LF REQUIREMENT.
- CONNECTIONS OF METAL END SECTIONS TO PLASTIC PIPE SHALL BE APPROVED BY THE ENGINEER. PLASTIC END SECTIONS SHALL NOT BE USED.
- THE END SECTION STYLE, EITHER REGULAR OR SAFETY, SHALL BE AS SHOWN ON THE PLANS.
- AT THE OPTION OF THE CONTRACTOR AND APPROVAL OF THE CODOT PROJECT ENGINEER, REINFORCED CONCRETE END SECTIONS MAY BE MADE WITH SYNTHETIC FIBERS INSTEAD OF STEEL FOR PIPES 36 INCHES IN DIAMETER AND SMALLER, AND CONFORM TO AASHTO M 86 AND SUBSECTION 601.03.

CONCRETE QUANTITIES FOR ONE CONCRETE HEADWALL (CUBIC YARDS)

EQUIVALENT CIRCULAR DIA.	NOMINAL SPAN x RISE	DIMENSIONS				
		A	C	L	E	E
24	30	19	9	33	72	48
30	38	24	10	39	72	60
36	45	29	12	44	72	72
42	53	34	14	50	72	84
48	60	38	16	56	72	96
54	68	43	18	62	72	108
60	76	48	20	68	72	120

CONCRETE JOINT FASTENER (TWO PER JOINT)

Computer File Information	Sheet Revisions	Colorado Department of Transportation	CONCRETE AND METAL END SECTIONS	STANDARD PLAN NO. M-603-10
Creation Date: 07/31/19	Date: _____	2829 West Howard Place CODOT HQ, 3rd Floor Denver, CO 80204 Phone: 303-757-9021 FAX: 303-757-9868	Issued by the Project Development Branch: July 31, 2019	Standard Sheet No. 1 of 1
Designer Initials: JBK	Comments: _____	Project Development Branch JBK		Project Sheet Number: _____
Last Modification Date: 07/31/19				
Detailer Initials: LTA				
CAD Ver: MicroStation V8 Scale: Not to Scale Units: English				

STEEL GRATE QUANTITIES

NO. PIECES	DESCRIPTION	LENGTH PER FT. (LBS.)	WEIGHT PER FT. (LBS.)
4	54 x 7.7 BEAM	41"	7.50
2	3 1/2" x 1/4" FLAT	265"	2.38
2	3" x 1/4" FLAT	255"	2.55

TOTAL LBS. = 131

GENERAL NOTES

- INLET TYPE C IS NOT HS-20 RATED AND SHALL NOT BE PLACED IN PAVED ROADWAYS. THIS INLET SHALL BE USED ONLY OUTSIDE PAVED ROADWAYS.
- CONCRETE SHALL BE CLASS B. INLET MAY BE CAST-IN-PLACE OR PRECAST.
- REINFORCING BARS SHALL BE GRADE 60, EPOXY COATED, AND DEFORMED #4, AND SHALL HAVE A MIN. 2 INCH CLEARANCE CUT OR BEND AROUND PIPES, AS REQUIRED.
- CONCRETE SLOPE AND DITCH PAVING SHALL BE IN ACCORDANCE WITH SECTION 507. REINFORCEMENT FOR CONCRETE SLOPE PAVING SHALL BE 6 X 6 - W1.4 X W1.4 OR 6 X 6 - W2.1 X W2.1.
- STRUCTURAL STEEL FOR GRATES AND GRATE INSTALLATION HARDWARE SHALL BE GALVANIZED, AND SHALL BE IN ACCORDANCE WITH SUBSECTION 712.06.
- THE STANDARD INLET GRATES SHALL BE USED ON ALL TYPE C INLETS UNLESS CLOSE MESH INLET GRATES ARE SPECIFIED ON THE PLANS.
- CLOSE MESH GRATES ARE RECOMMENDED WHERE FOOT TRAFFIC OR BICYCLE ROUTES ARE IN CLOSE PROXIMITY TO GRATE. THIS GRATE IS NOT ADA COMPLIANT OR BICYCLE FRIENDLY AND SHALL NOT BE PLACED DIRECTLY IN SIDEWALKS, CROSSWALKS OR BIKE PATHS.
- STEPS SHALL BE PROVIDED WHEN INLET DIMENSION "H" IS EQUAL TO OR GREATER THAN 3 FEET - 6 INCHES AND SHALL CONFORM TO AASHTO M 159.
- SEE STANDARD PLAN M-604-11 FOR REINFORCEMENT AROUND THE PIPE OPENING.
- ALL INLETS SHALL HAVE A 1 INCH DIA. MEDALLION WITH A "H" (DAMPING) DRAINS TO STREAM MESSAGE ON IT. THE MEDALLION SHALL HAVE A FISH SYMBOL WITH A BLUE BACKGROUND. IT SHALL BE FIRMLY ATTACHED TO THE TOP OF THE INLET WITH A PERMANENT FASTENER.
- SEE PLANS FOR SIZE AND LOCATION OF PIPE.

BAR LIST FOR H = 2 FT. - 6 IN. AND BENDING DIAGRAM

MARK	NO.	WEIGHT	LENGTH
401	2	2-2/4"	8'-0"
401	6	2'-7"	8'-8"
402	4	10"	15'-0"

Computer File Information	Sheet Revisions	Colorado Department of Transportation	INLET, TYPE C	STANDARD PLAN NO. M-604-10
Creation Date: 07/31/19	Date: _____	2829 West Howard Place CODOT HQ, 3rd Floor Denver, CO 80204 Phone: 303-757-9021 FAX: 303-757-9868	Issued by the Project Development Branch: July 31, 2019	Standard Sheet No. 1 of 1
Designer Initials: JBK	Comments: _____	Project Development Branch JBK		Project Sheet Number: _____
Last Modification Date: 07/31/19				
Detailer Initials: LTA				
CAD Ver: MicroStation V8 Scale: Not to Scale Units: English				



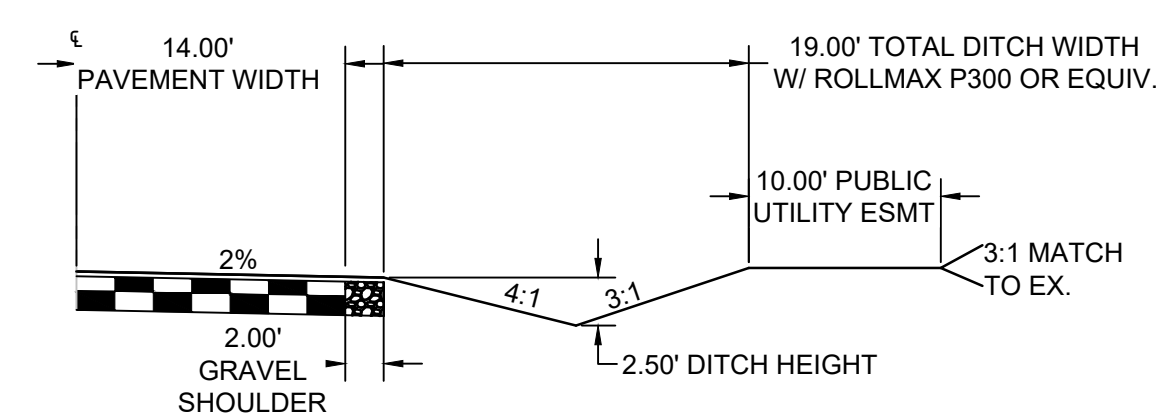
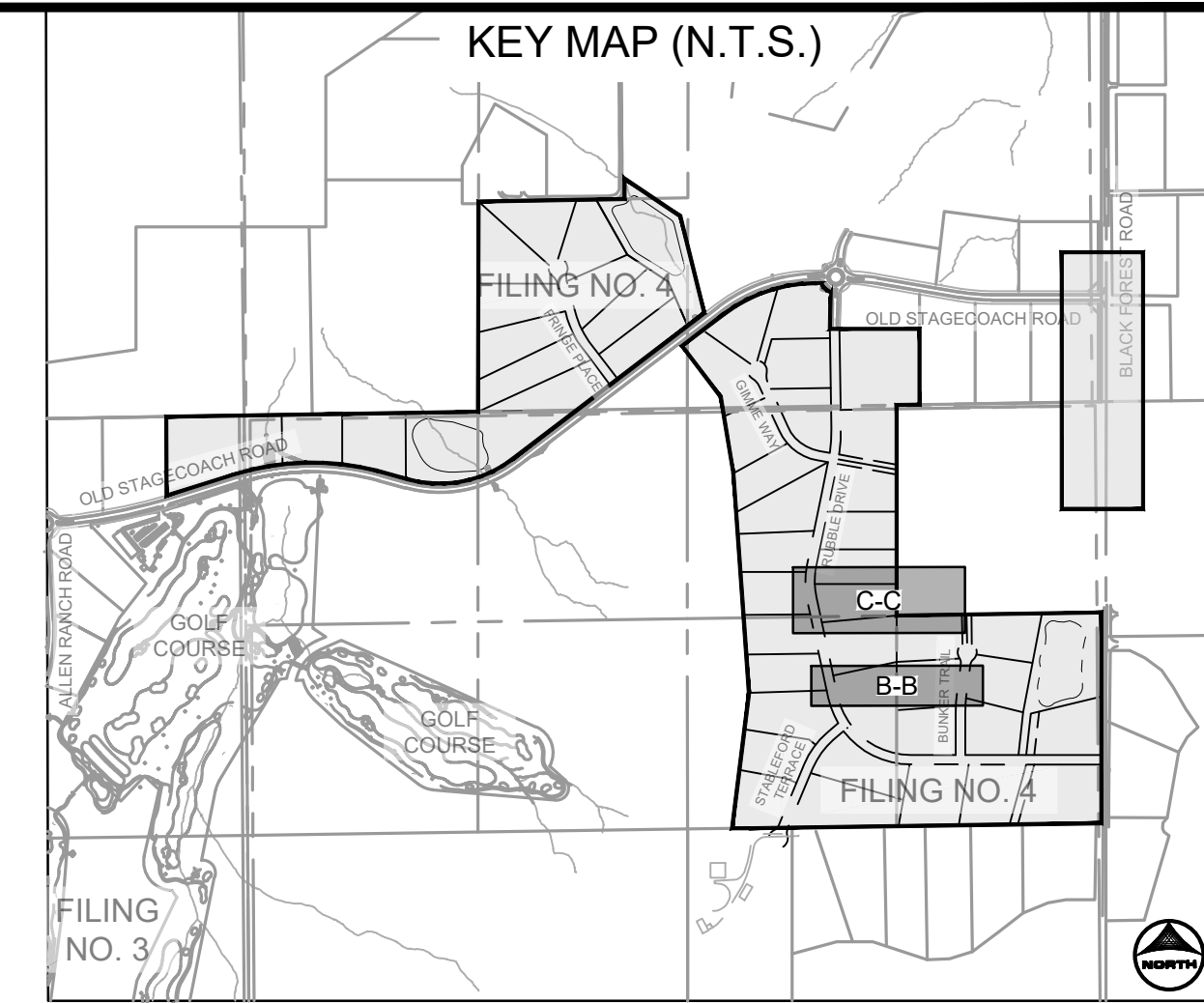
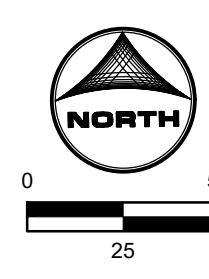
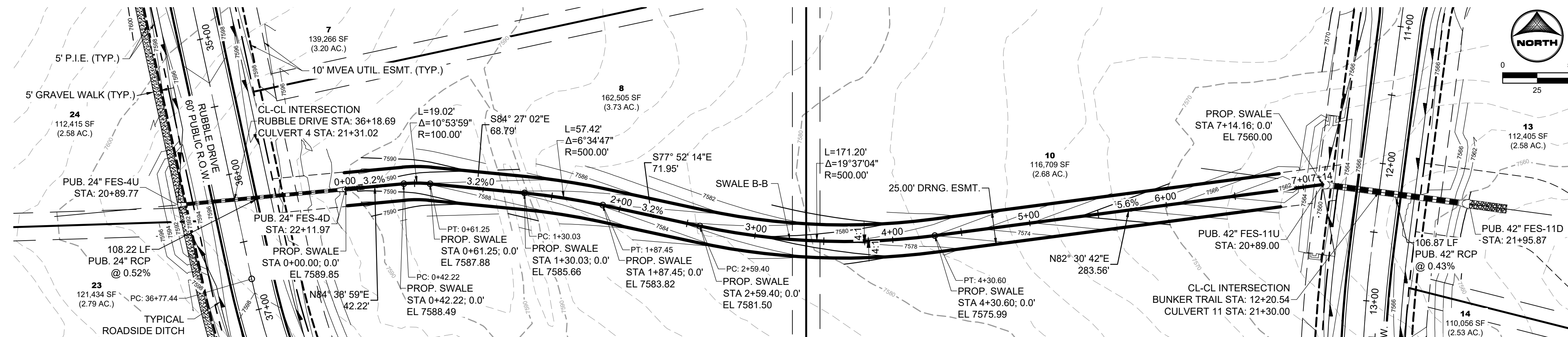
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 APPROVED: RDL JOB NUMBER: 211030.240
 CAD DATE: 10/30/2024
 CAD FILE: J:\2021\211030\CAD\Drawings\CIFiling_No_4\Storm_Details

NO.	DATE	BY	REVISION DESCRIPTION

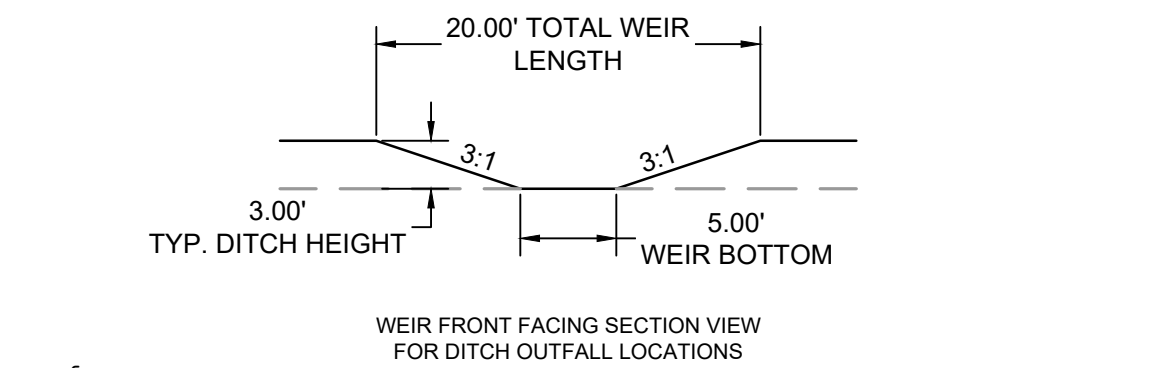
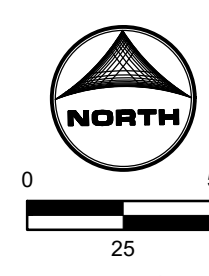
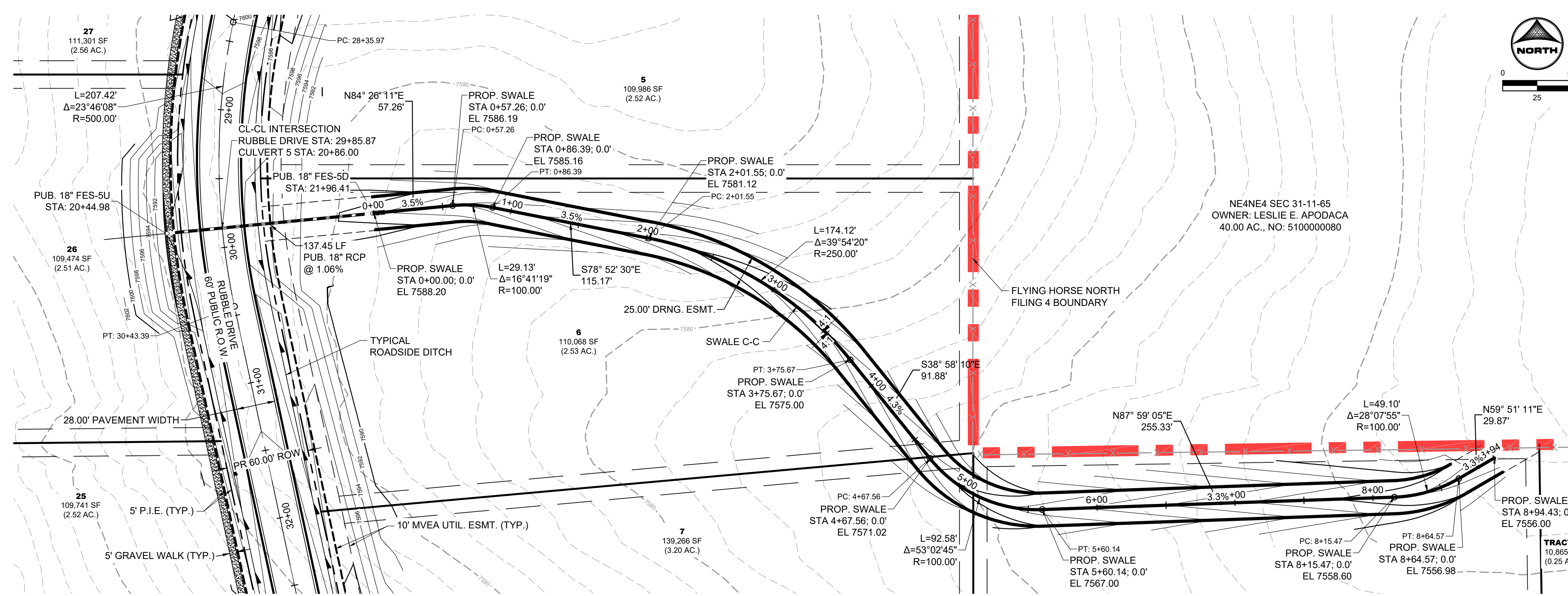
HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 160
 COLORADO SPRINGS, CO 80920
 PHONE: 719.300.4140
 FAX: 719.965.0044

FLYING HORSE NORTH FILING 4
 PRI #2, LLC.
 EL PASO COUNTY, CO

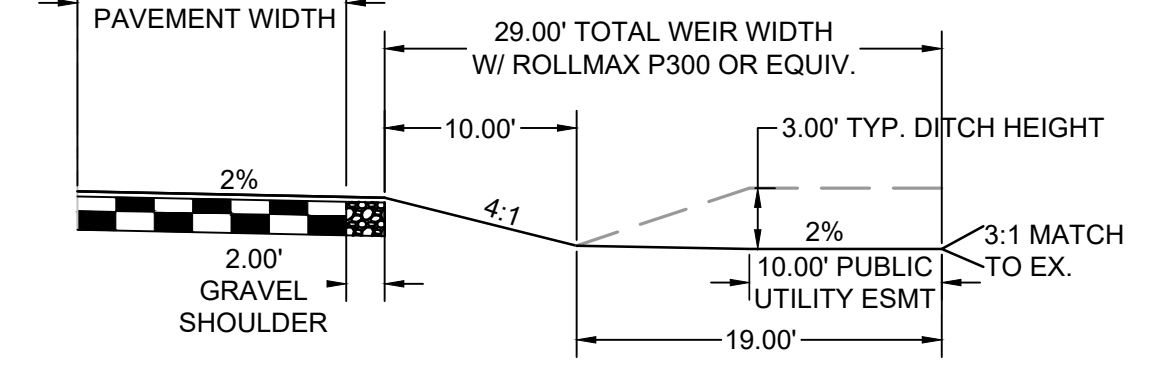
STORM DETAILS
 STORM DETAILS
 SHEET DT1 35



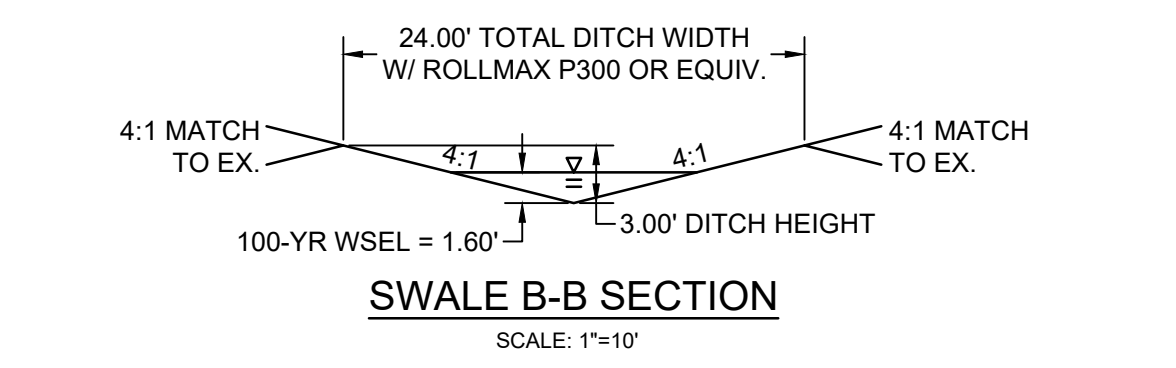
TYPICAL ROADSIDE DITCH SECTION
SCALE: 1"=10'
(ROADS USING THIS SECTION: A PORTION OF RUBBLE DRIVE, GIMME WAY, STABLEFORD TERRACE, BUNKER TRAIL, & FRINGE PLACE)



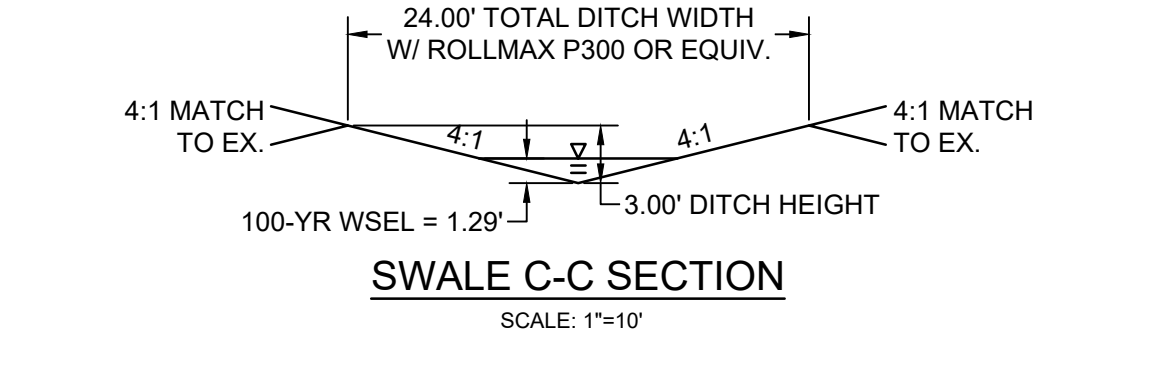
ROADSIDE DITCH OUTFALL WEIR
SCALE: 1"=10'



WEIR PROFILE SECTION VIEW
ROADSIDE DITCH OUTFALL WEIR
SCALE: 1"=10'



SWALE B-B SECTION
SCALE: 1"=10'



SWALE C-C SECTION
SCALE: 1"=10'

DRAWN BY: CMD	JOB DATE: 12/2/2024	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: RDL	JOB NUMBER: 211030.240	0" = 1"
CAD DATE: 12/5/2024		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing_No_4\Swale_Grading		

NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
HR GREEN - COLORADO SPRINGS
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COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

FLYING HORSE NORTH FILING 4
PRI #2, LLC.
EL PASO COUNTY, CO

CONSTRUCTION DOCUMENTS
PROPOSED SWALE GRADING

PROFESSIONAL ENGINEER
COLLEGE OF COLORADO SPRINGS
53921
PCD FILE NO.: SF2422

SHEET **GR** **36**