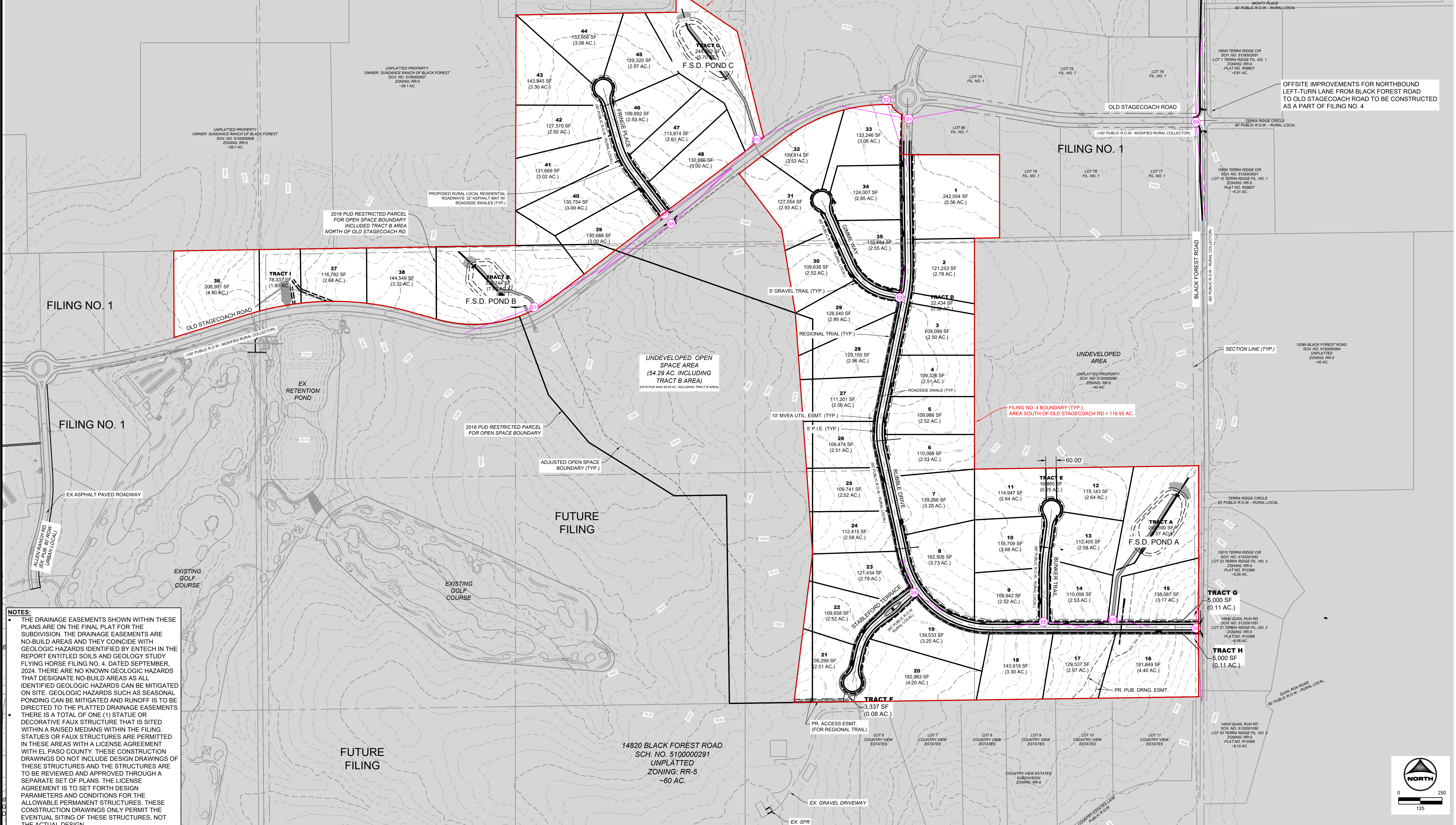






INTERSECTION SIGHT DISTANCE TABLE				
LOCATION ID	MINOR STREET	MAJOR STREET	SIGHT DISTANCE LEFT (FT)	SIGHT DISTANCE RIGHT (FT)
S1	RURAL LOCAL	RURAL COLLECTOR	405	425
S2	RURAL COLLECTOR	RURAL LOCAL	-	425
S3	RURAL LOCAL	RURAL LOCAL	205	184
S4	RURAL LOCAL	RURAL LOCAL	300	300
S5	RURAL LOCAL	RURAL LOCAL	215	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 PLAN 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.

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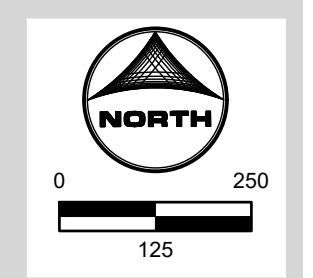
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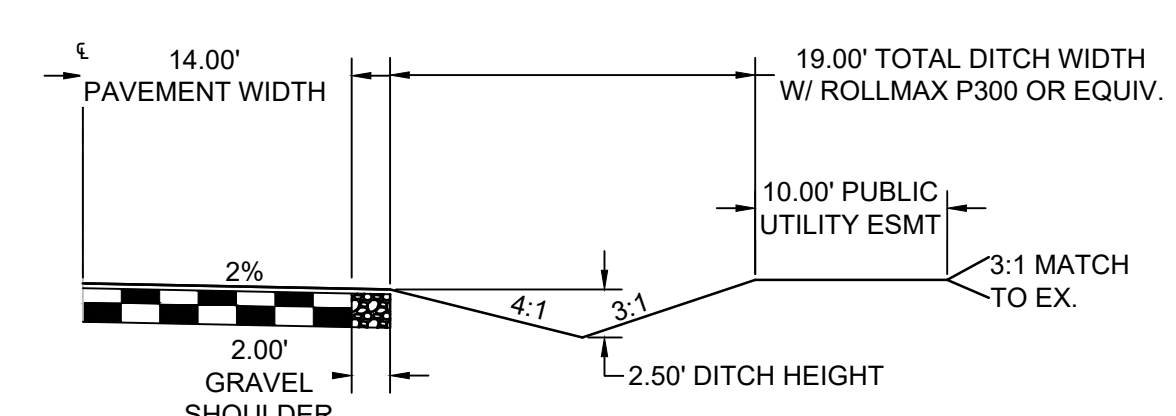
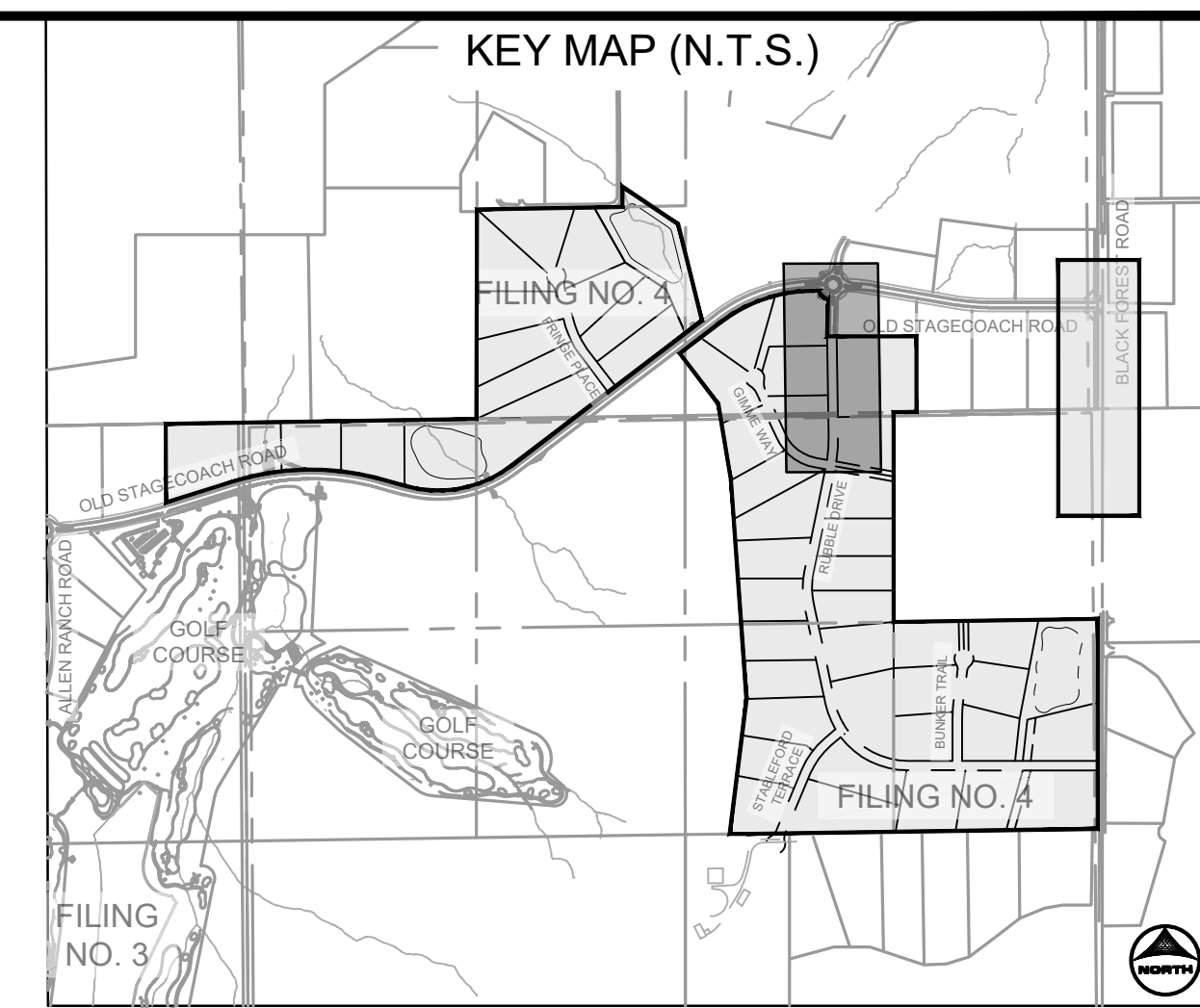
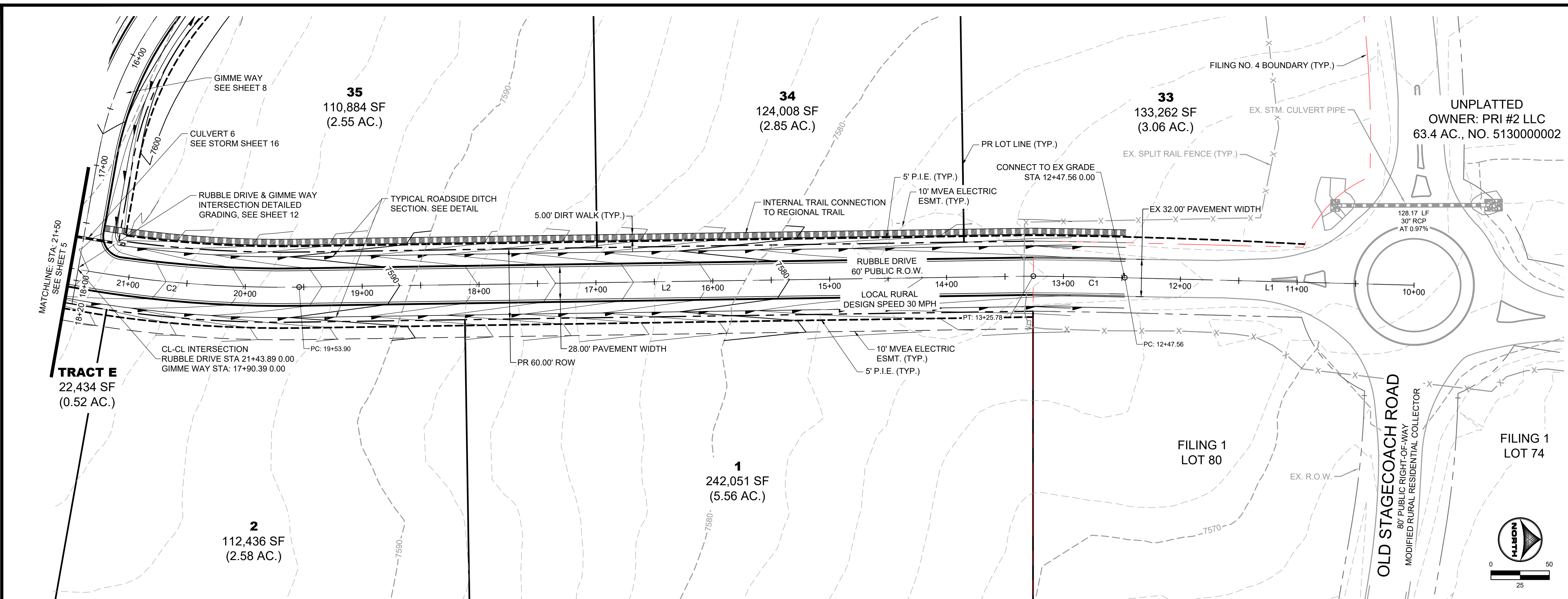
**HRGreen**  
 HR GREEN - COLORADO SPRINGS  
 1975 RESEARCH PARKWAY SUITE 160  
 COLORADO SPRINGS, CO 80920  
 PHONE: 719.300.4140  
 FAX: 713.965.0044

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

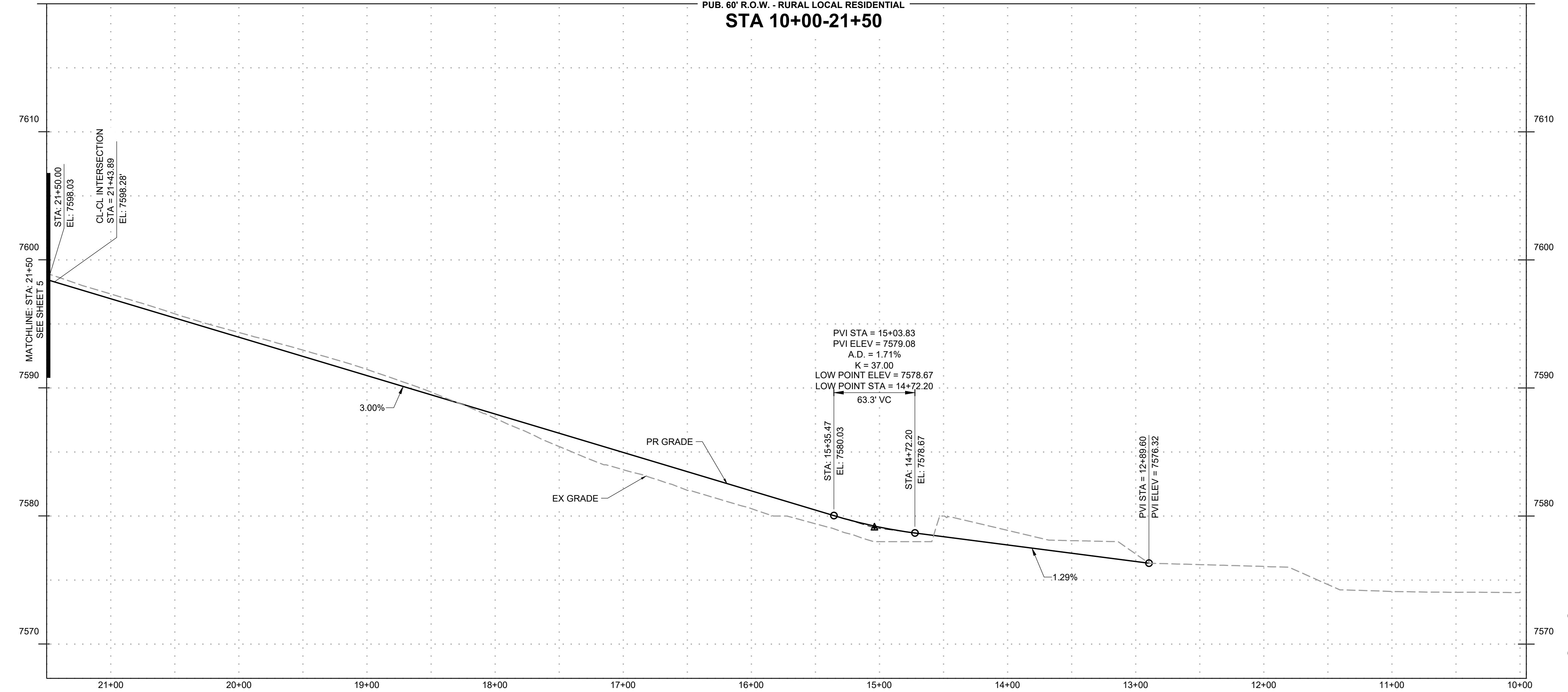
**CONSTRUCTION DRAWINGS  
 OVERALL SITE PLAN**

**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:444852.68, E:227176.42
L5		315.35'	S89° 59' 05.88"E	N:444852.68, 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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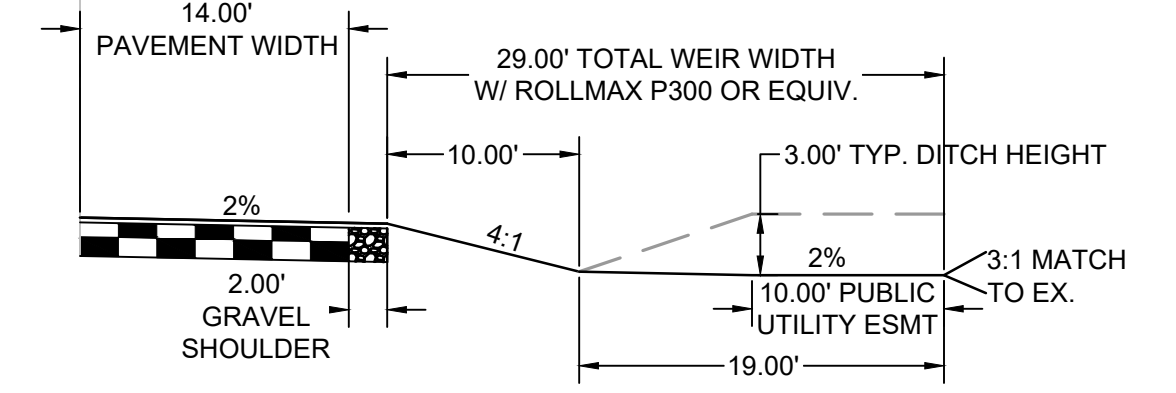
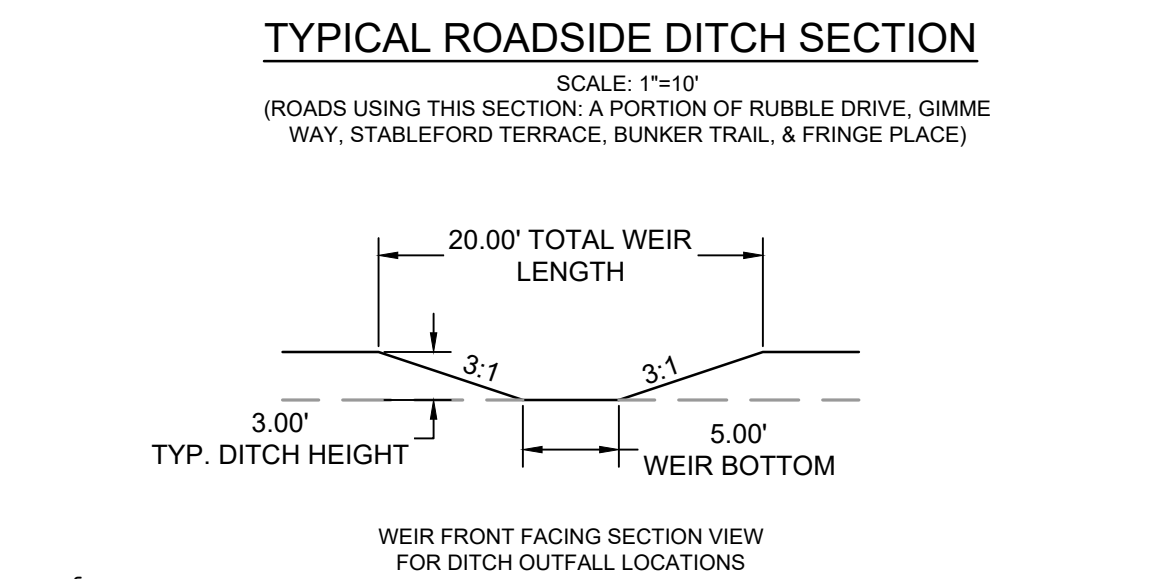
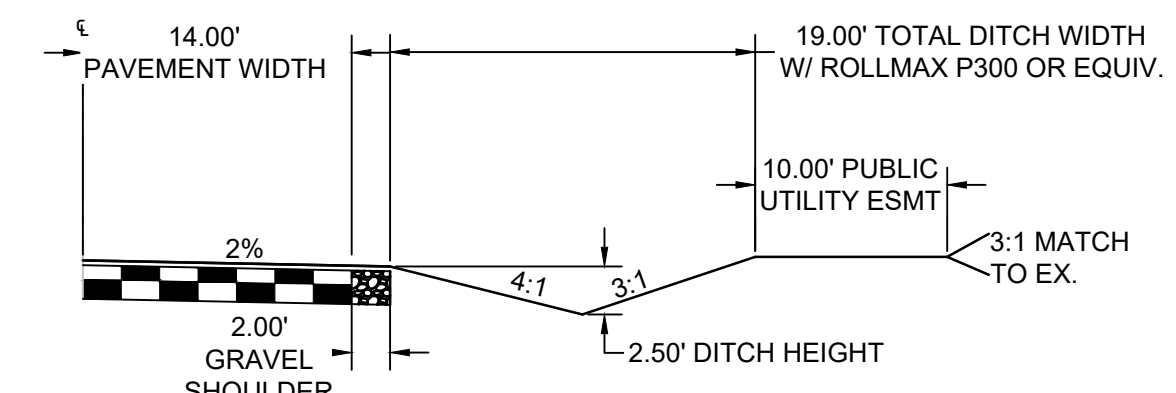
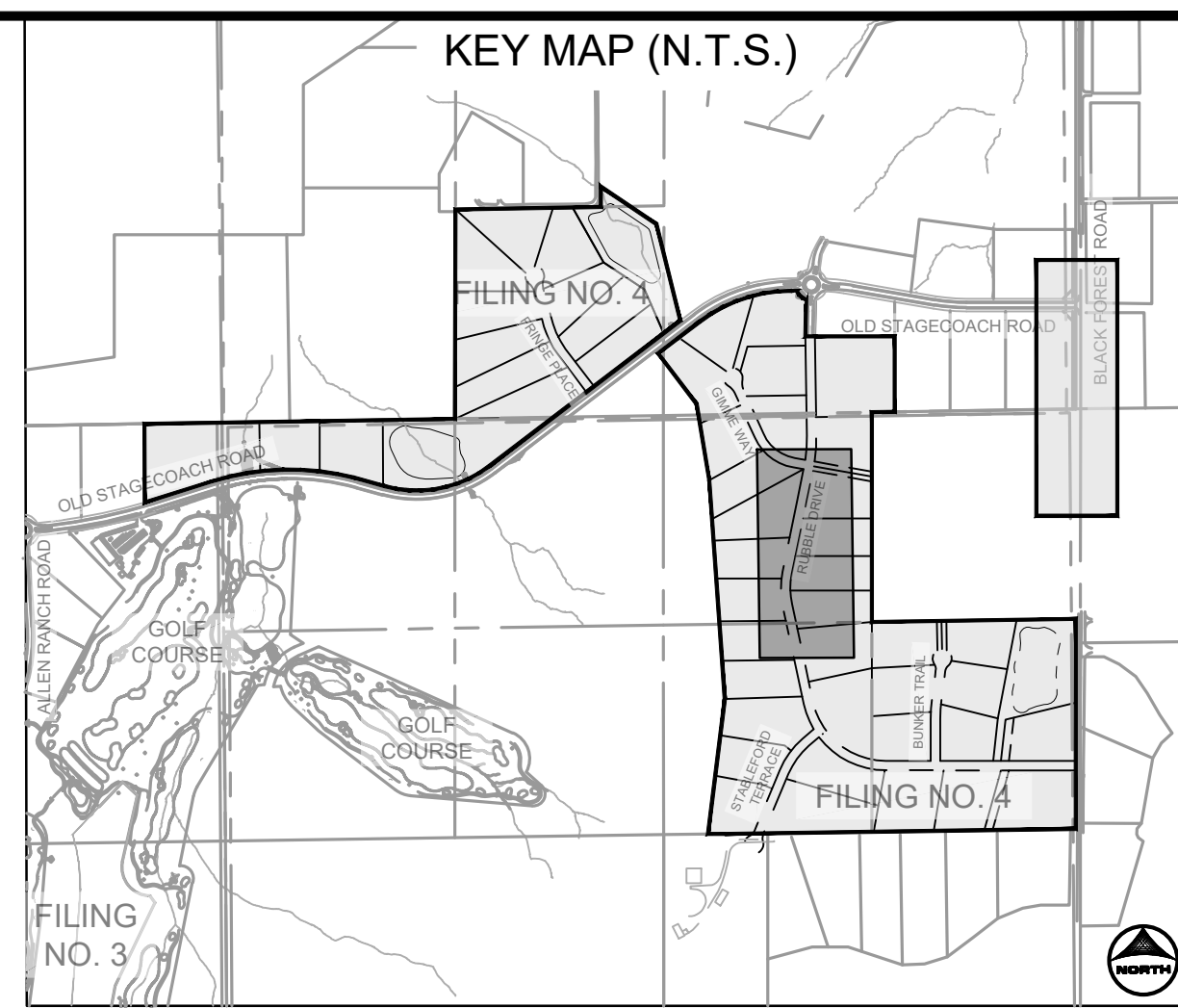
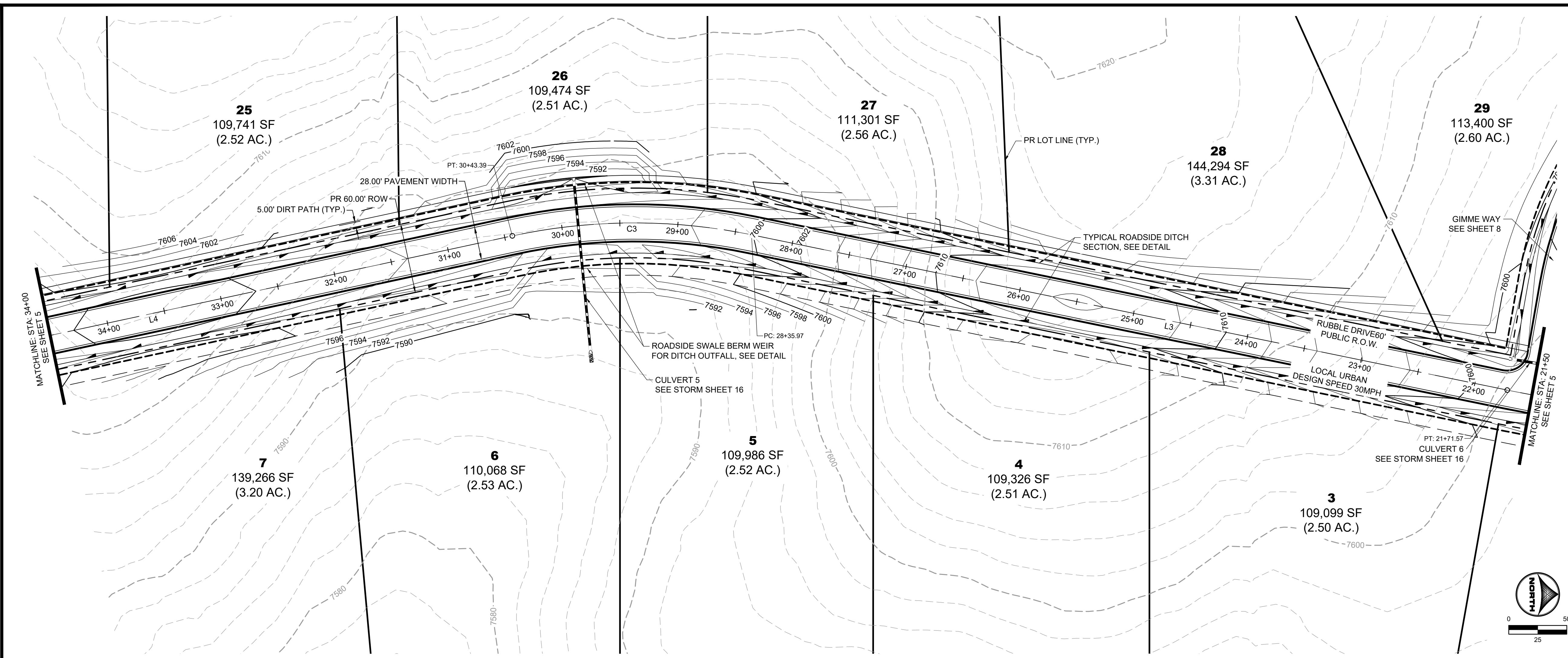
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**HRGreen**  
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 COLORADO SPRINGS, CO 80920  
 PHONE: 713.300.4140  
 FAX: 713.965.0044

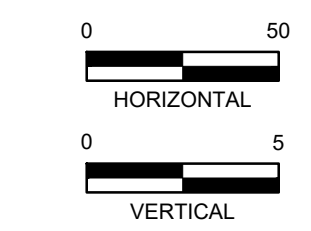
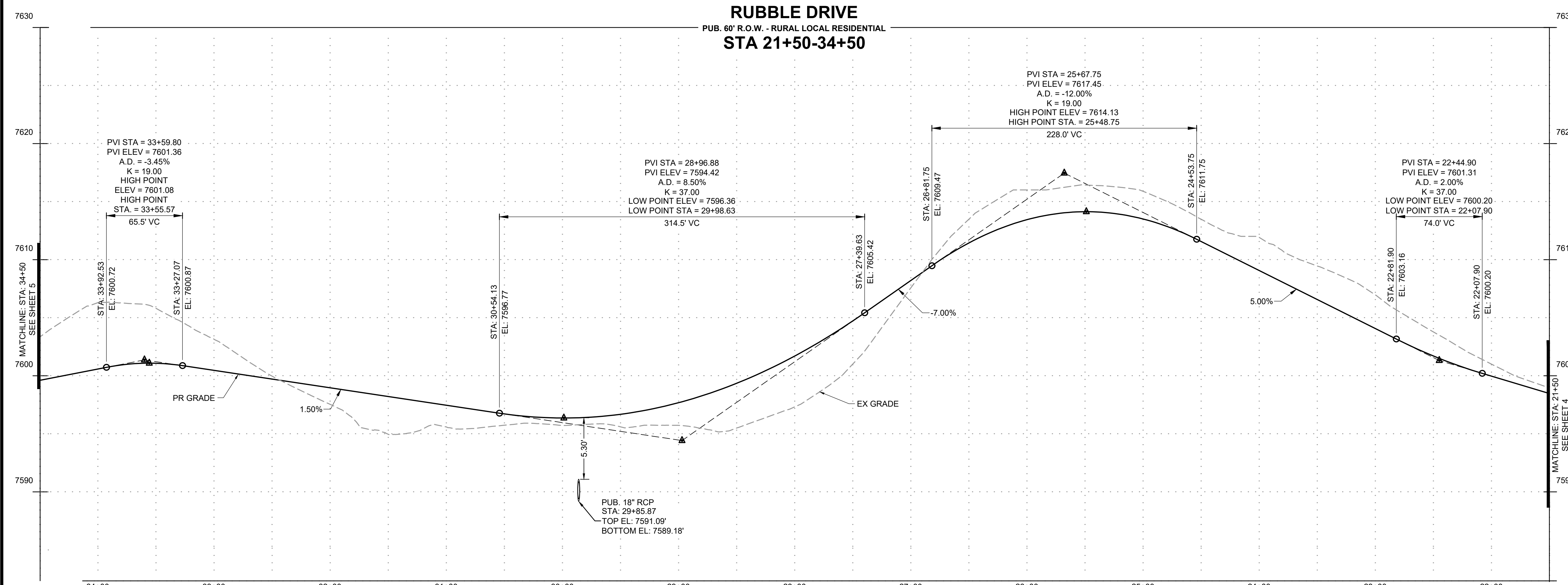
**FLYING HORSE NORTH FILING 4**  
**PRI #2, LLC.**  
 EL PASO COUNTY, CO

STREET PLAN & PROFILES  
 RUBBLE DRIVE

SHEET  
**ST**  
**4**



WEIR PROFILE SECTION VIEW  
SCALE: 1"=10'



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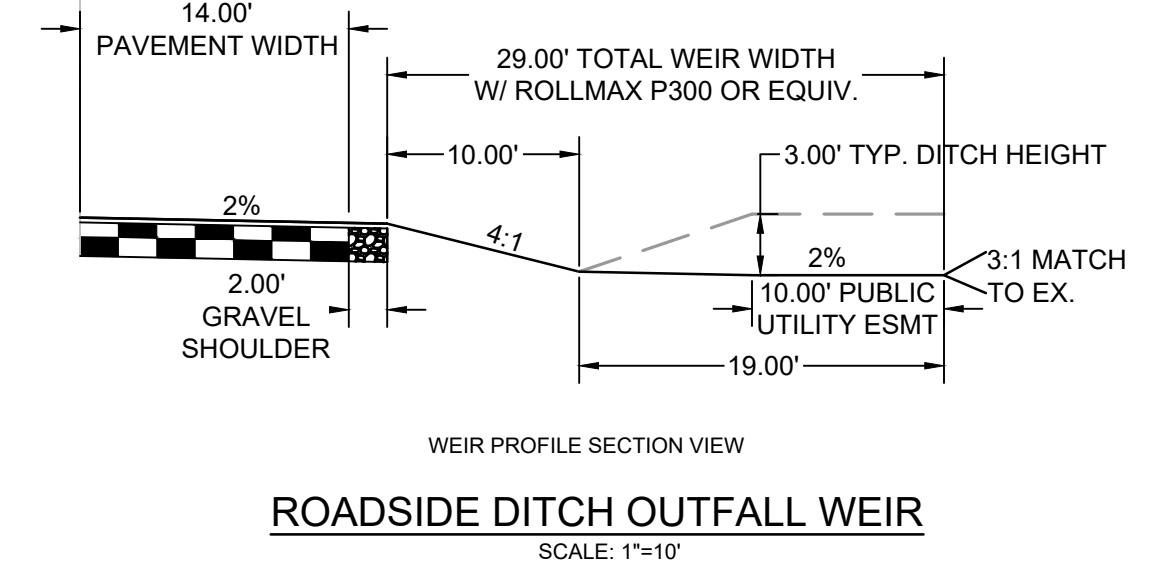
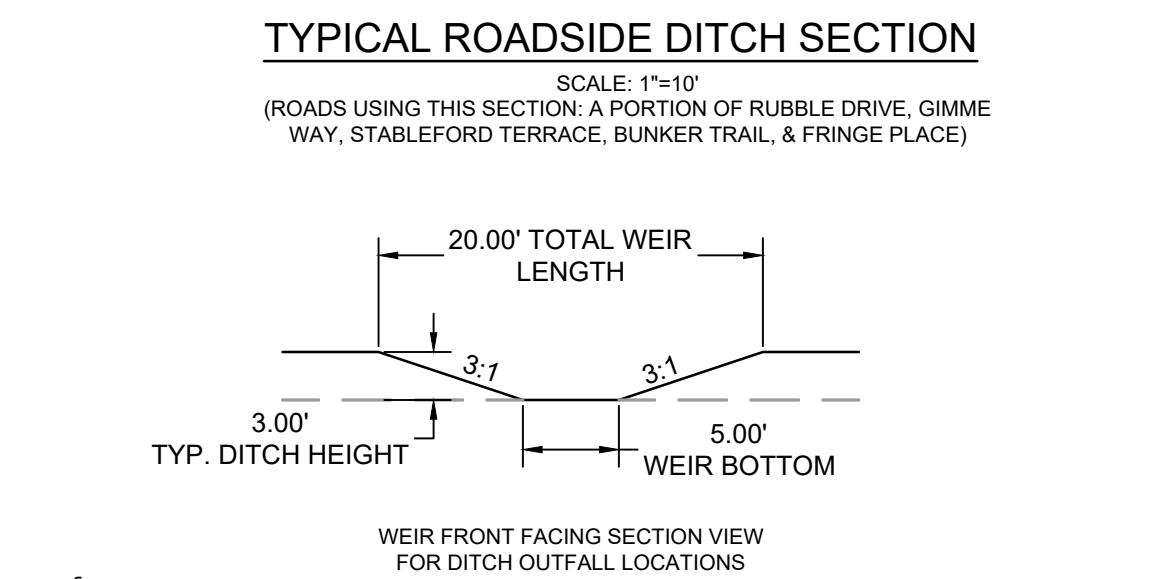
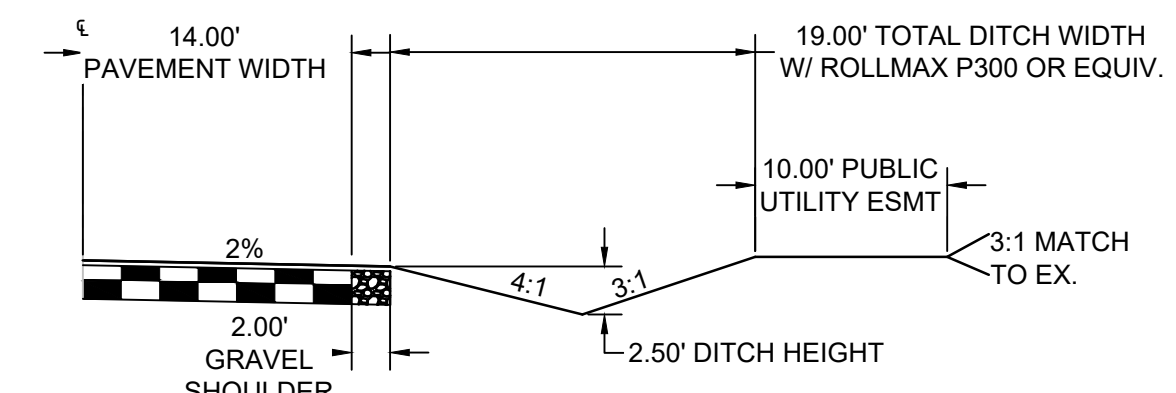
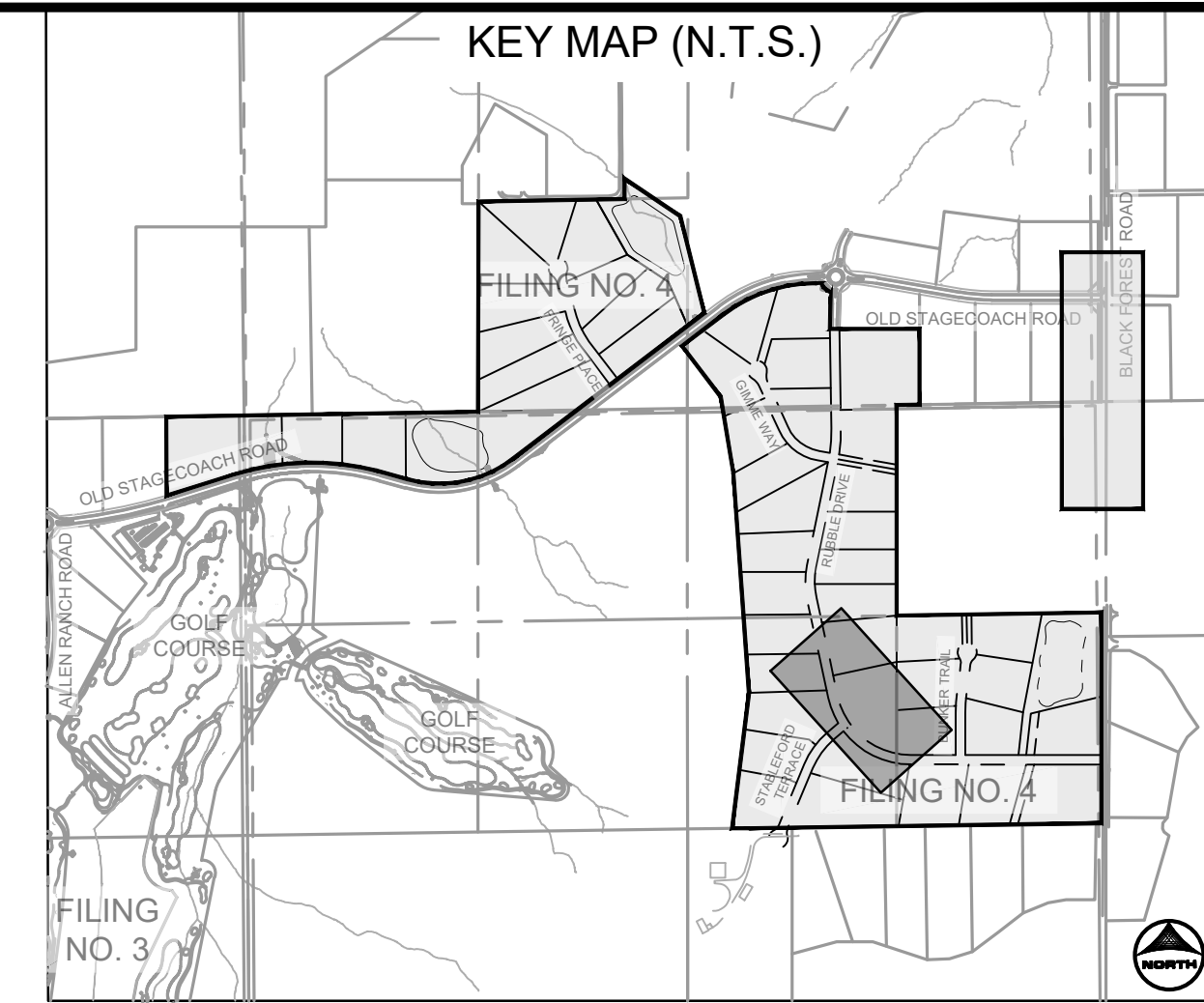
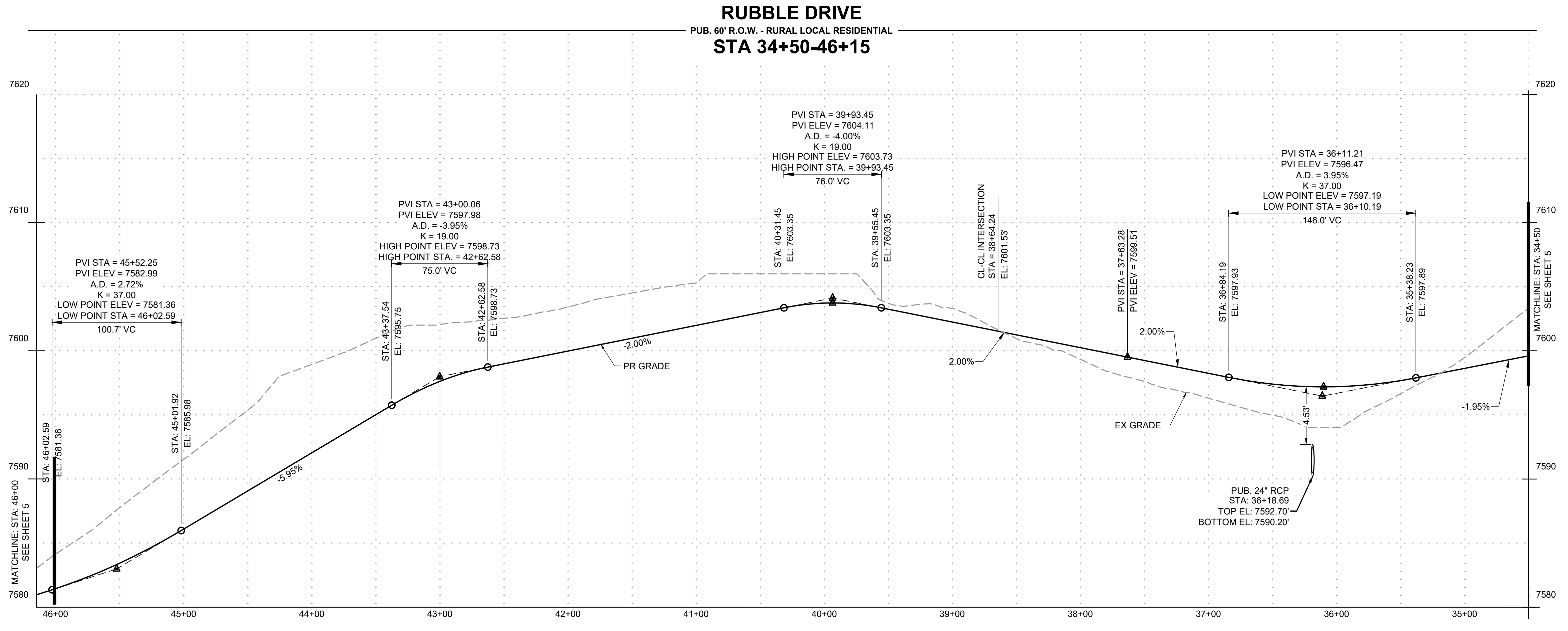
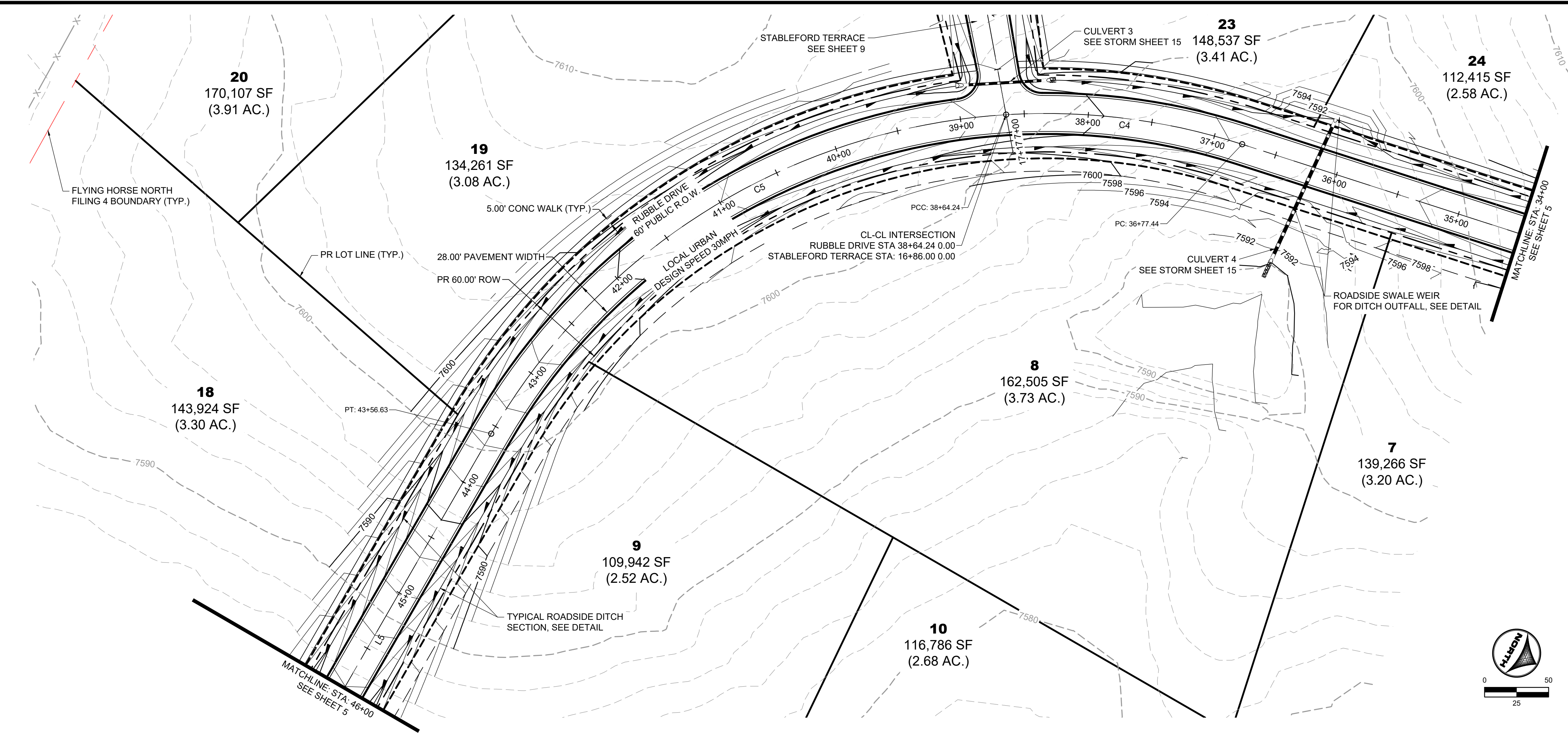
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 EL PASO COUNTY, CO

STREET PLAN & PROFILES  
 RUBBLE DRIVE

SHEET  
 ST  
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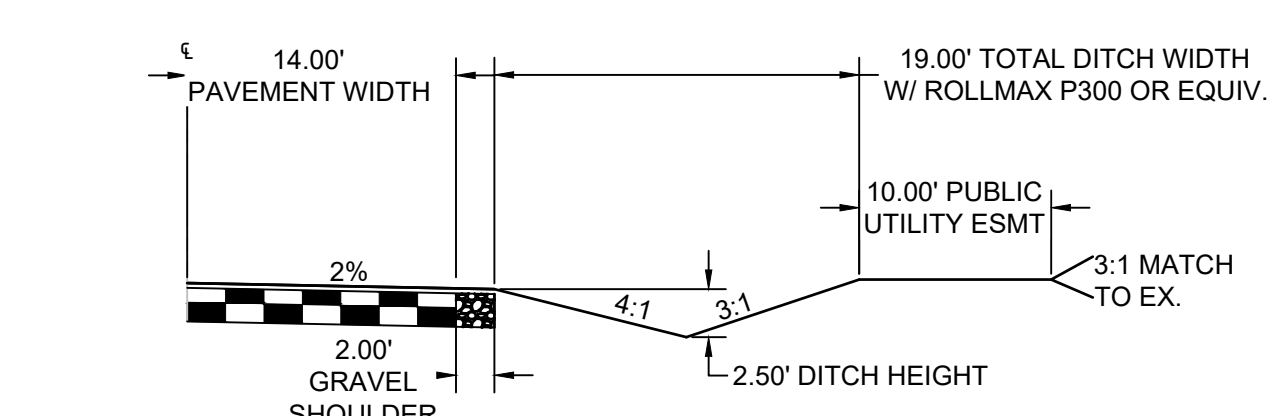
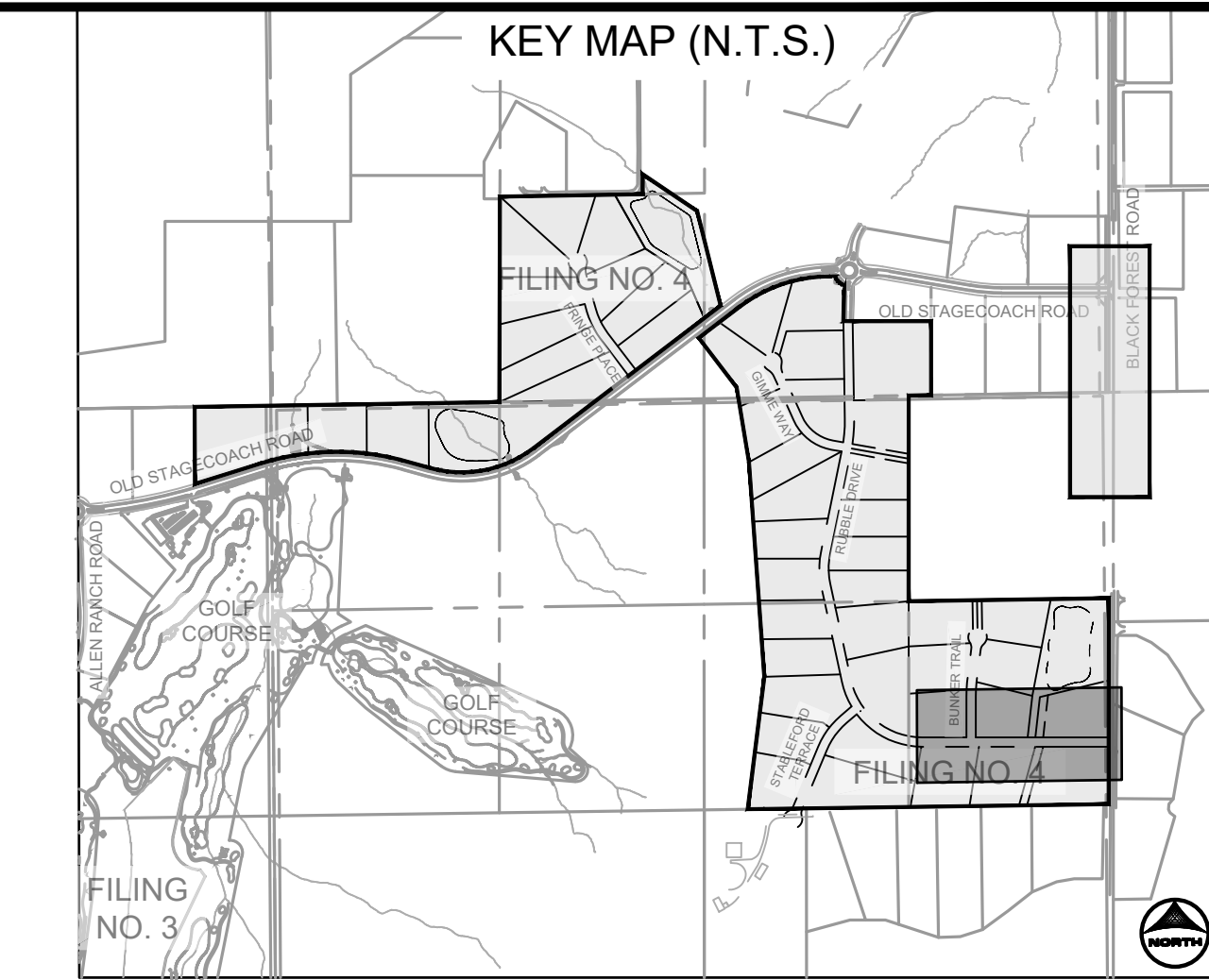
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 PRI #2, LLC.  
 EL PASO COUNTY, CO

STREET PLAN & PROFILES  
 RUBBLE DRIVE

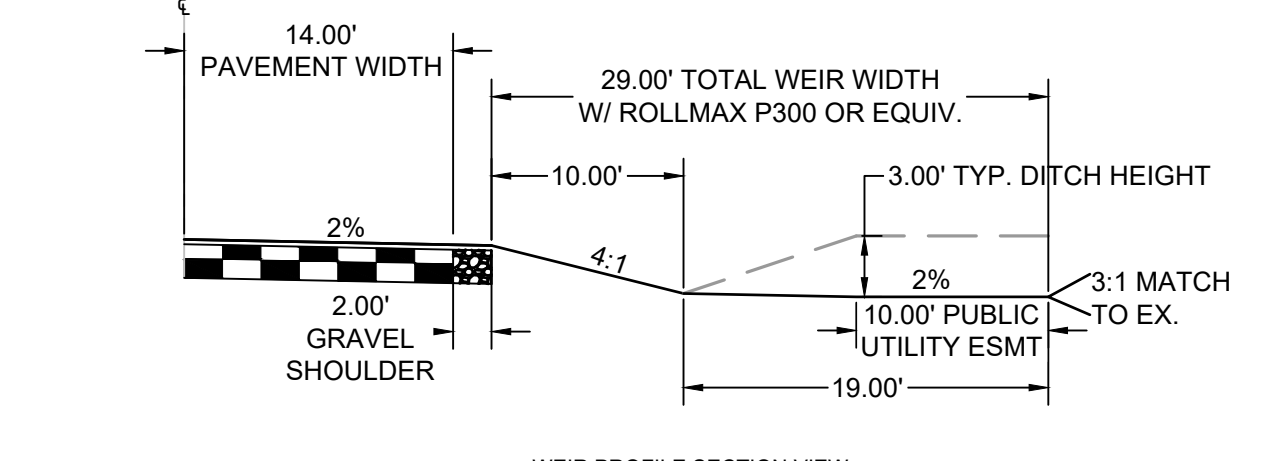
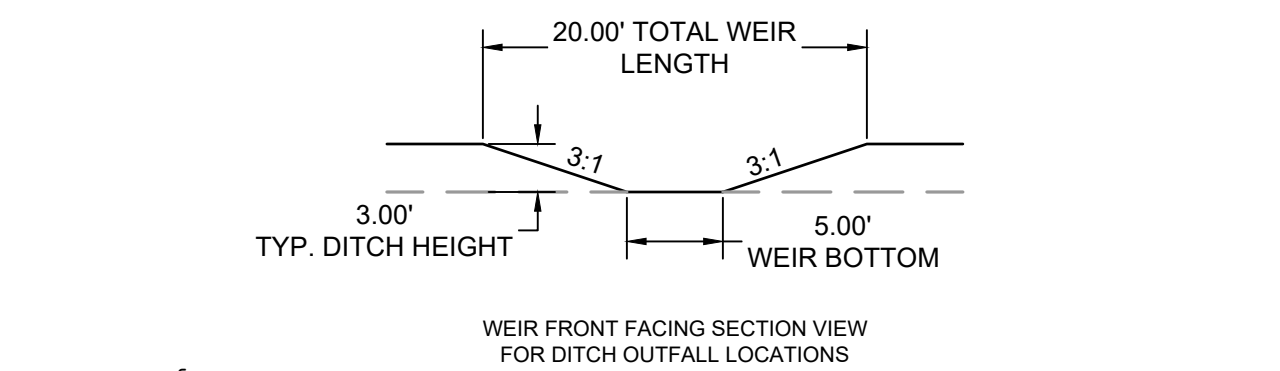
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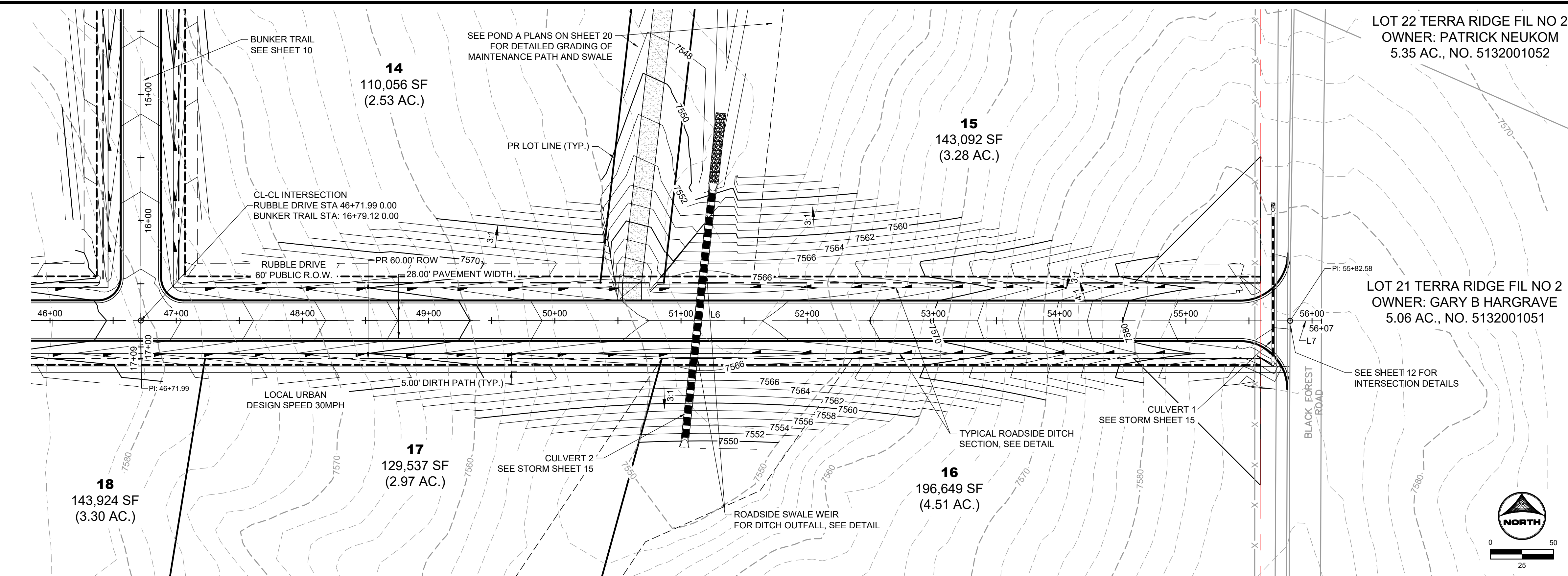
MATCHLINE STA. 46+00  
SEE SHEET 6



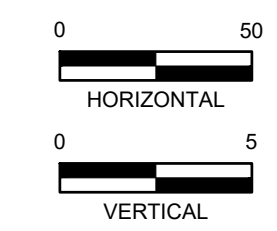
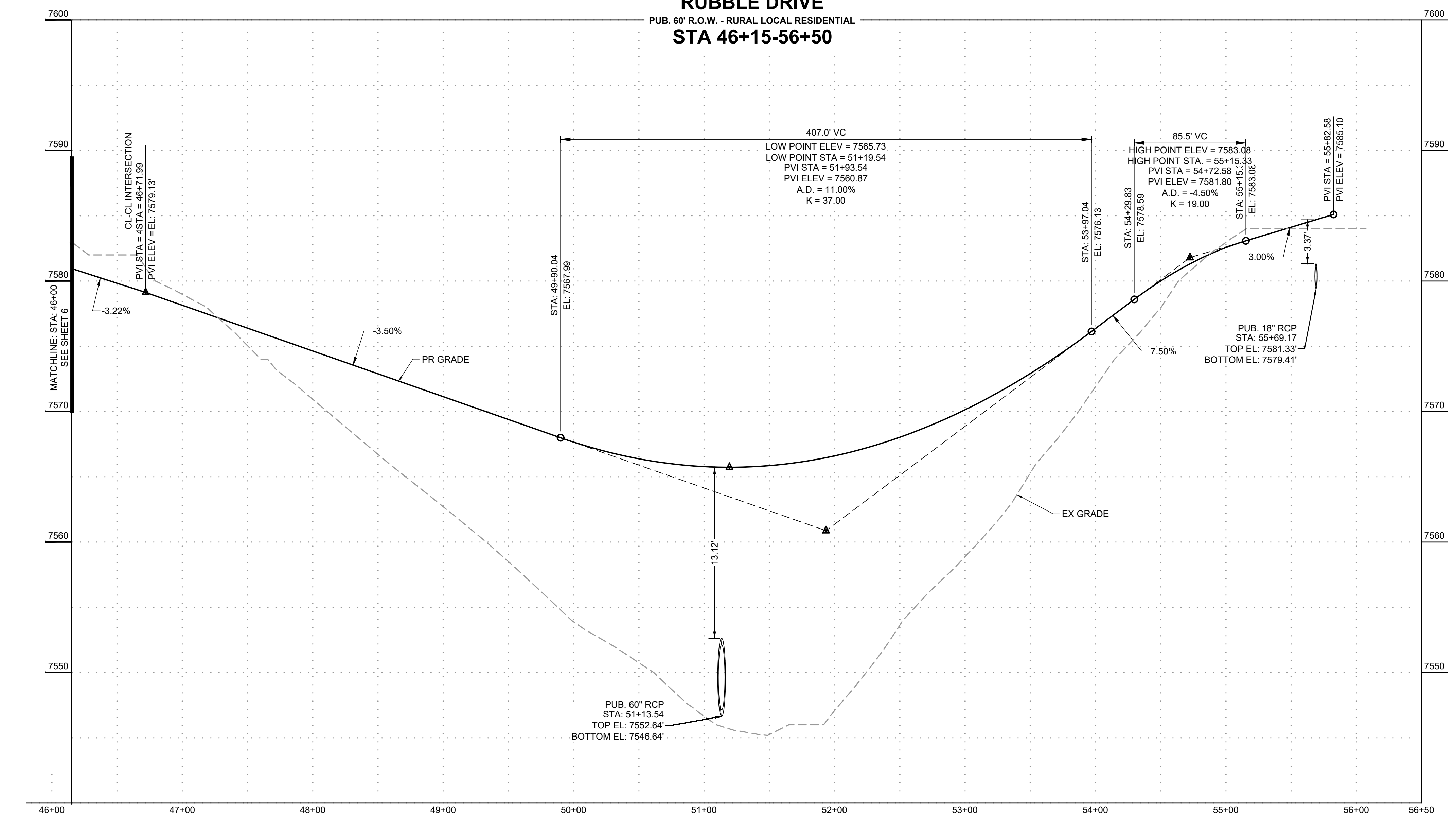
**TYPICAL ROADSIDE DITCH SECTION**  
SCALE: 1"=10'  
(ROADS USING THIS SECTION: A PORTION OF RUBBLE DRIVE, GIMME WAY, STABLEFORD TERRACE, BUNKER TRAIL, & FRINGE PLACE)



**ROADSIDE DITCH OUTFALL WEIR**  
SCALE: 1"=10'



**RUBBLE DRIVE**  
PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL  
STA 46+15-56+50



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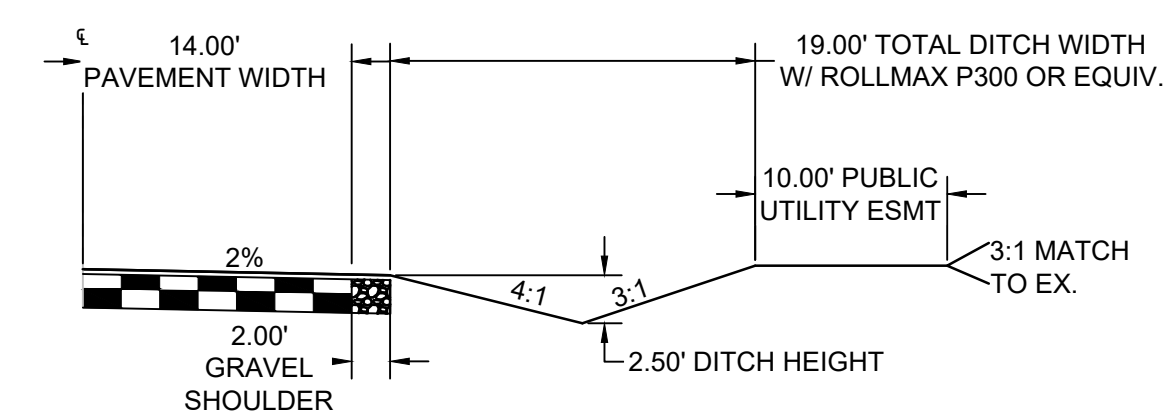
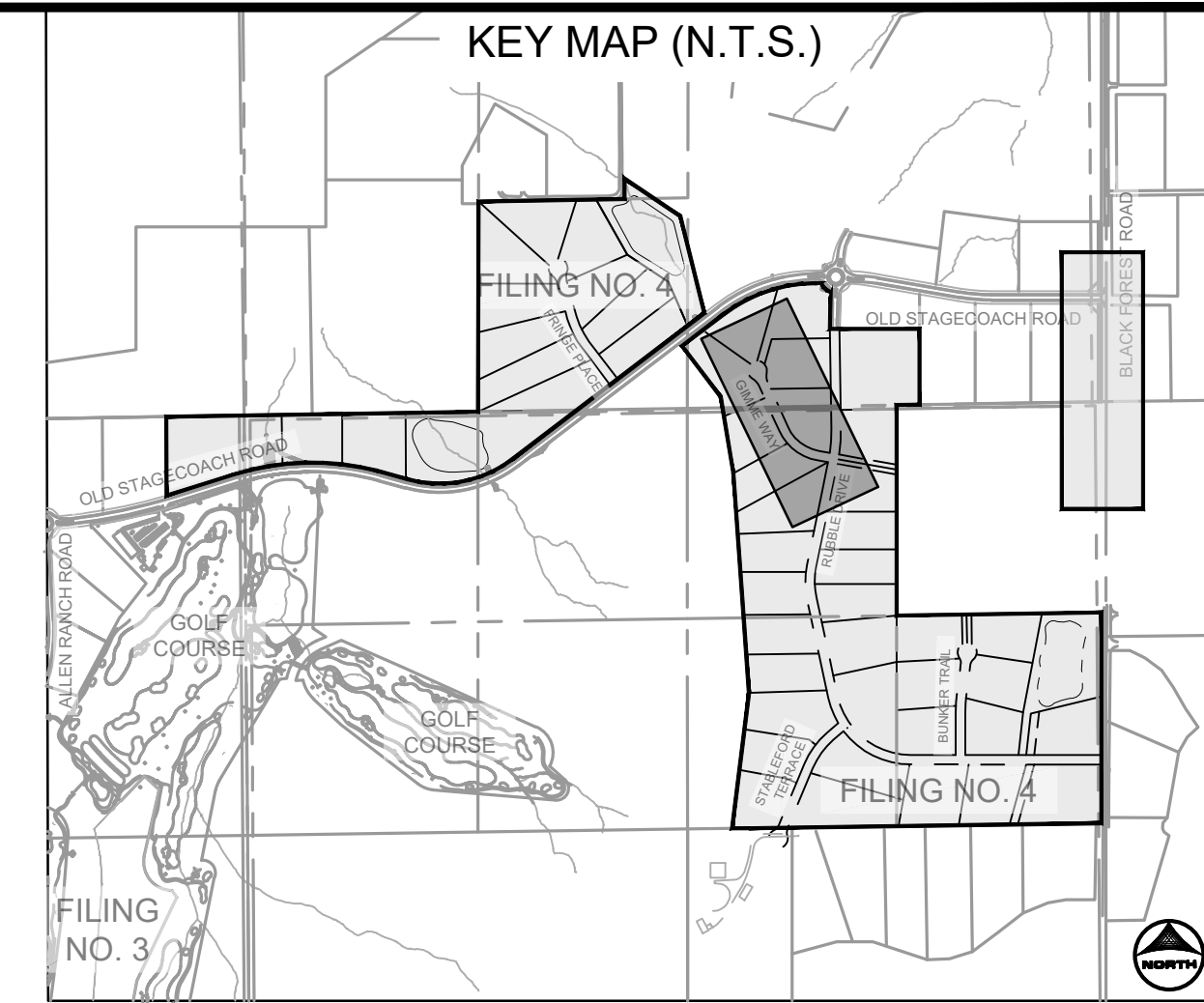
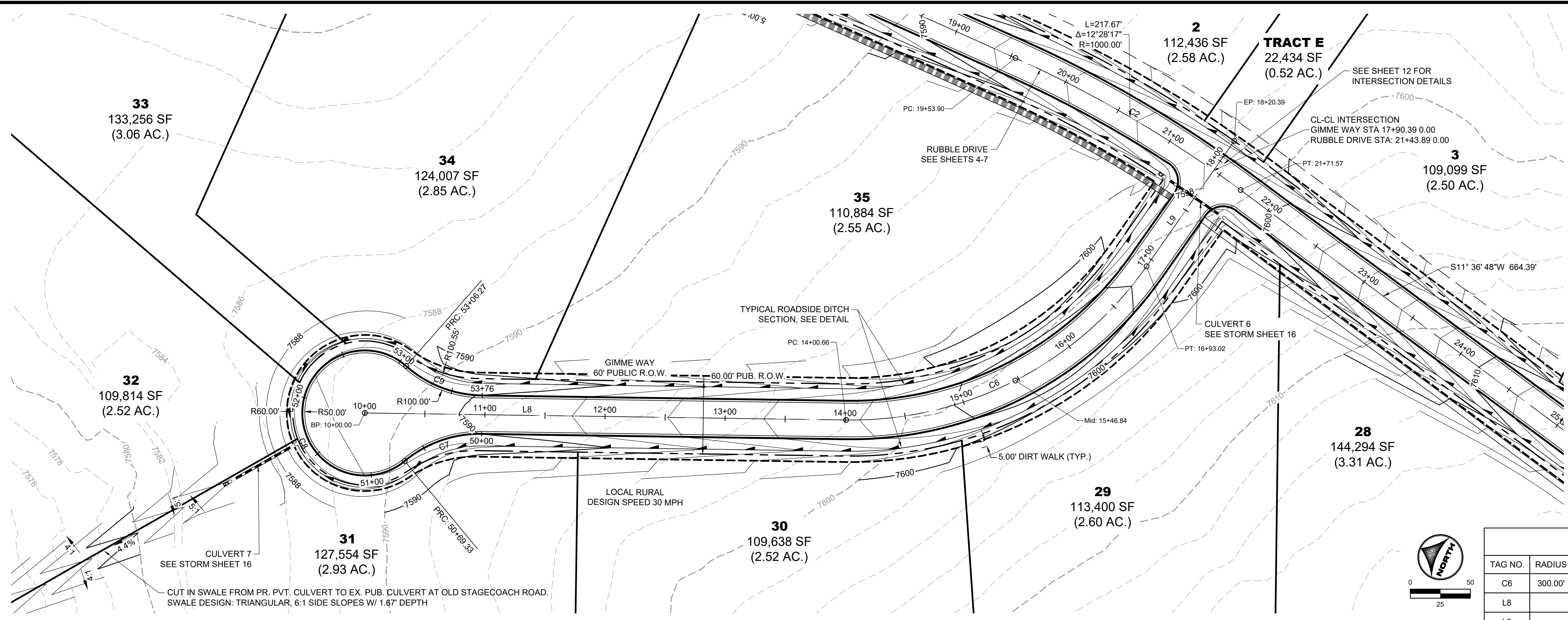
**HRGreen**  
HR GREEN - COLORADO SPRINGS  
1975 RESEARCH PARKWAY SUITE 160  
COLORADO SPRINGS, CO 80920  
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**FLYING HORSE NORTH FILING 4**  
**PRI #2, LLC.**  
EL PASO COUNTY, CO

STREET PLAN & PROFILES  
RUBBLE DRIVE

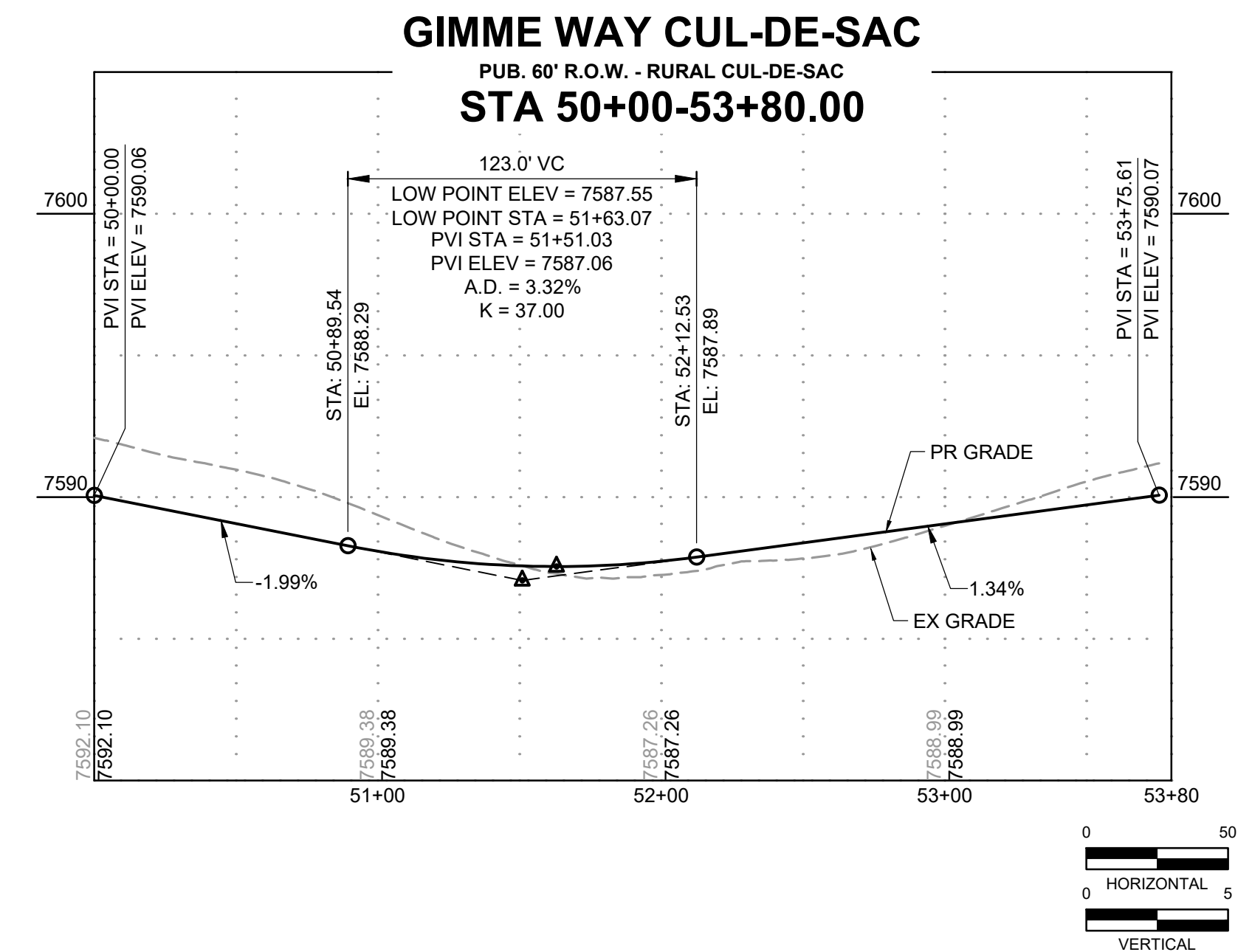
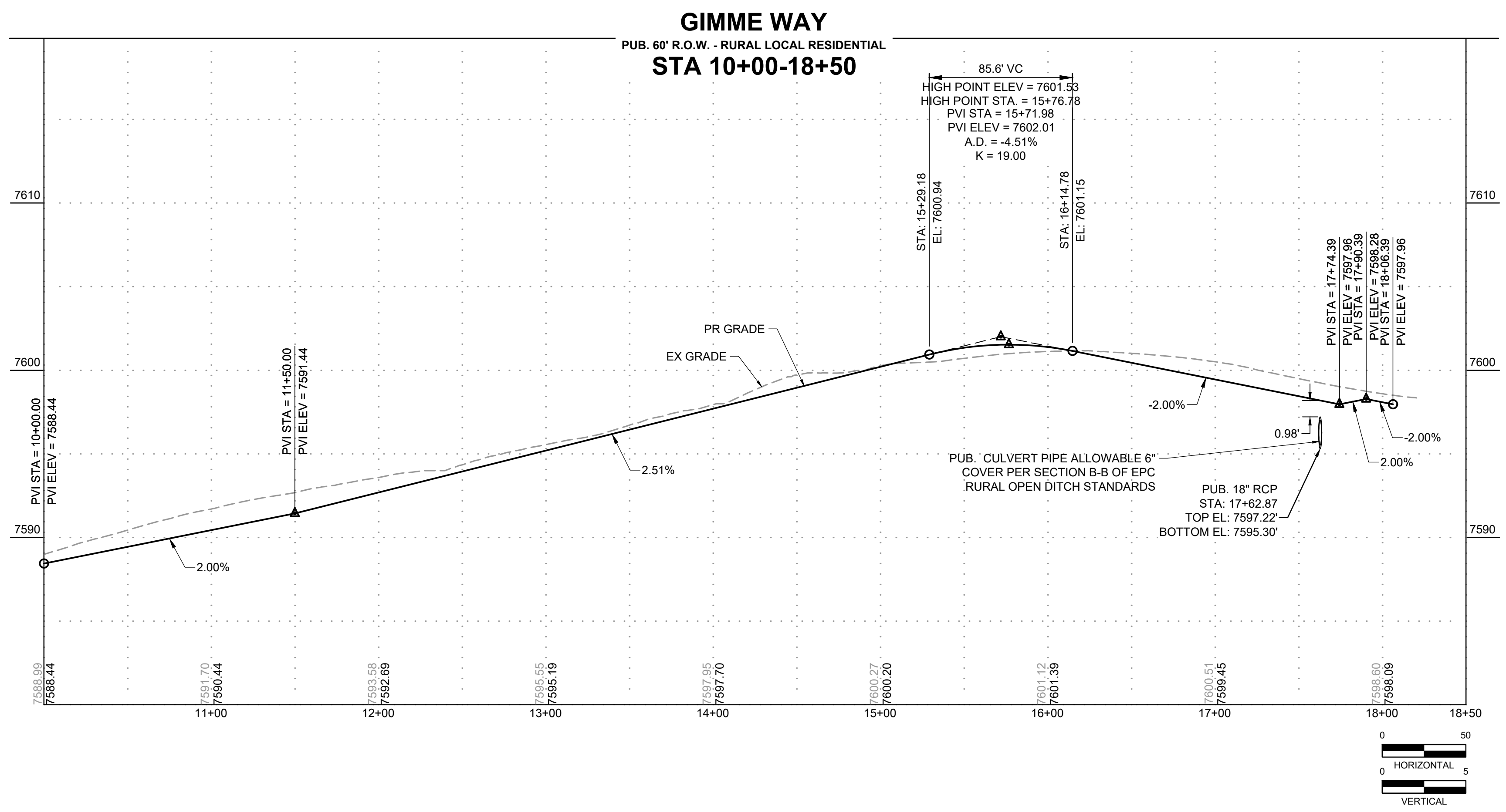
SHEET  
**ST**  
**7**

HR GREEN Xref: xv-cow-1030; xv-dgn-1030; key\_map; modified\_ditch\_sections; xc-cow-030.240; xc-dgn-240; xpl-rd-1030.240; rwy\_typicals



TAG NO.	RADIUS	LENGTH	LINE/CHORD DIRECTION	BEG. NORTHING/EASTING	END NORTHING/EASTING
C6	300.00'	292.36'	S52° 04' 51.35"E	N:446940.83, E:226374.72	N:446768.18, E:226596.34
L8		400.66'	S24° 09' 46.89"E	N:447306.38, E:226210.72	N:446940.83, E:226374.72
L9		127.37'	S79° 58' 21.14"E	N:446768.18, E:226596.34	N:446746.01, E:226721.76

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



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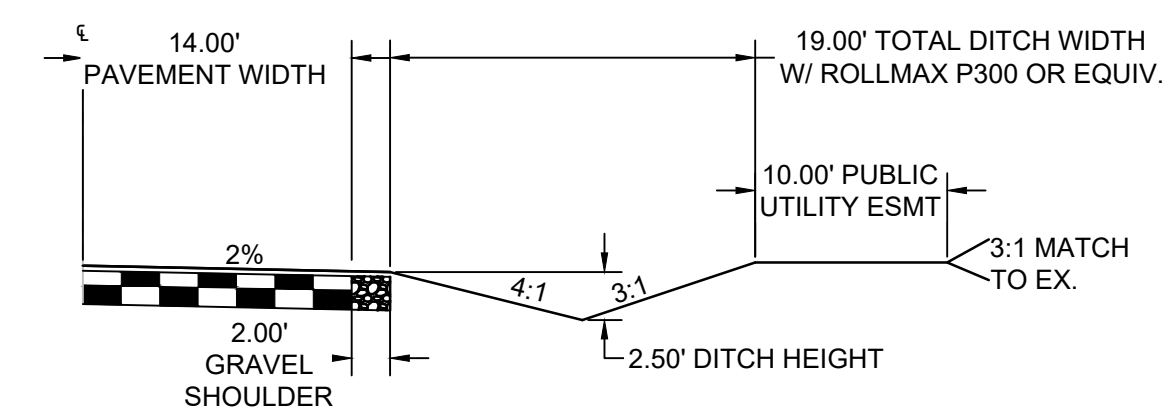
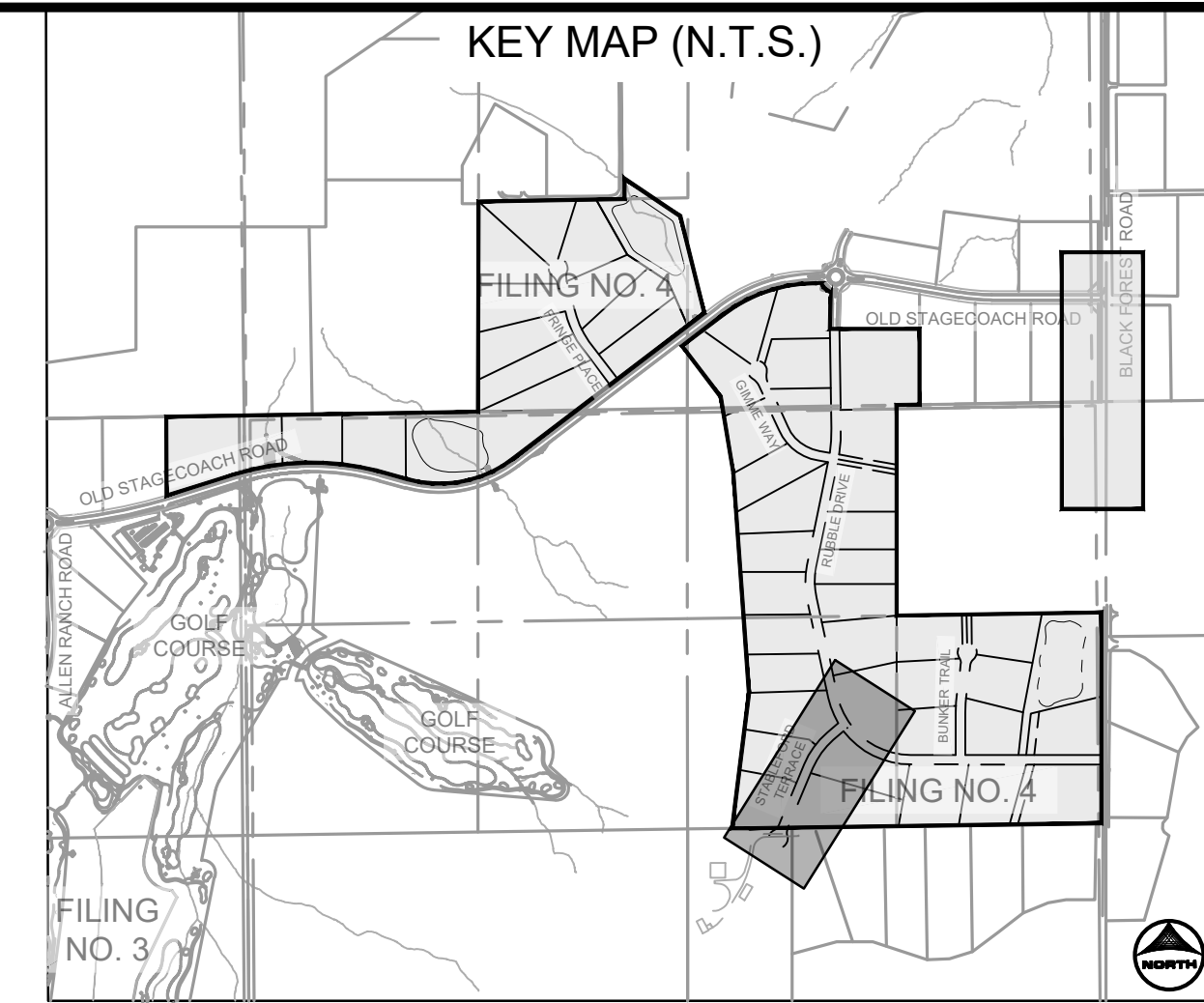
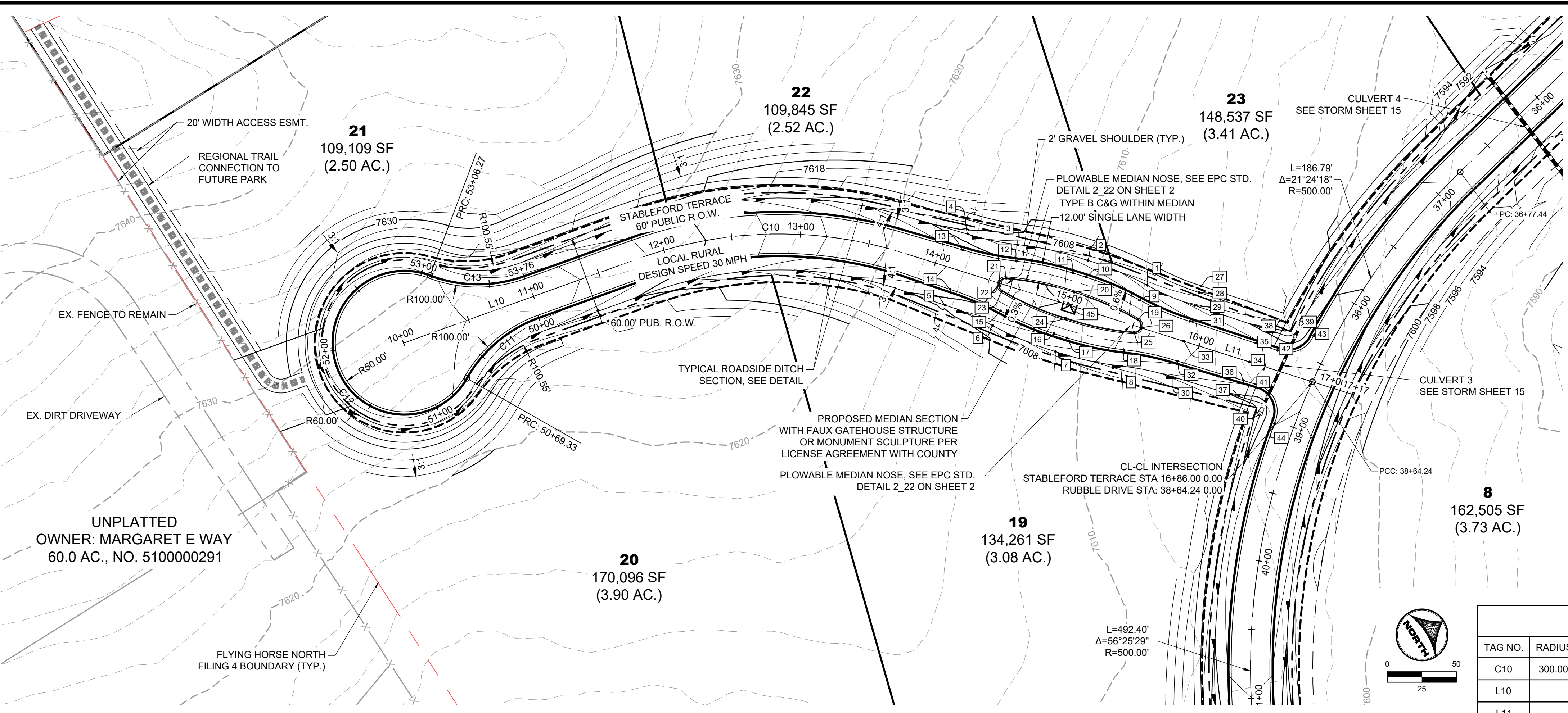
**FLYING HORSE NORTH FILING 4**  
**PRI #2, LLC.**  
 EL PASO COUNTY, CO

STREET PLAN & PROFILES  
 GIMME WAY

SHEET  
**ST**  
**8**

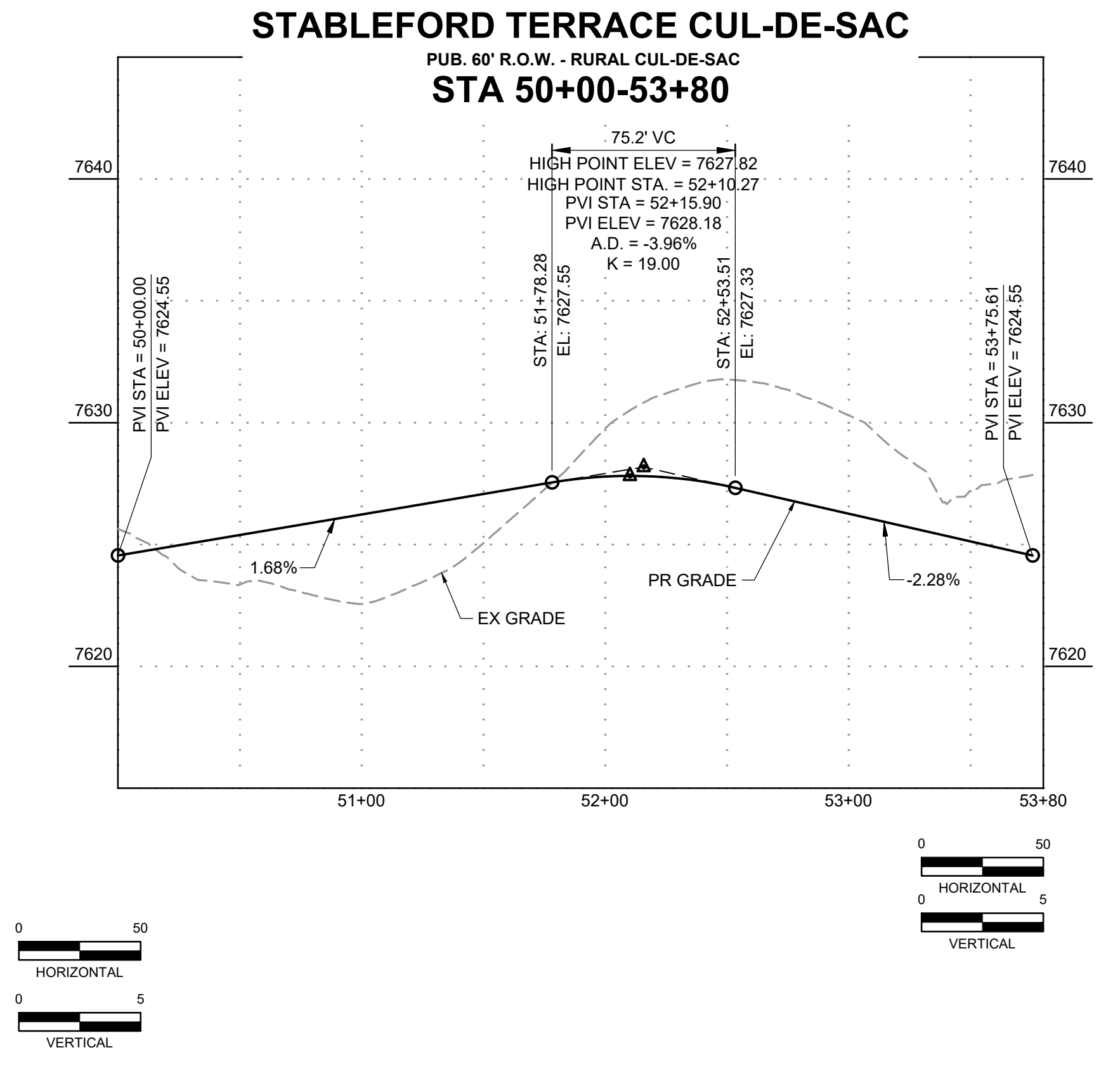
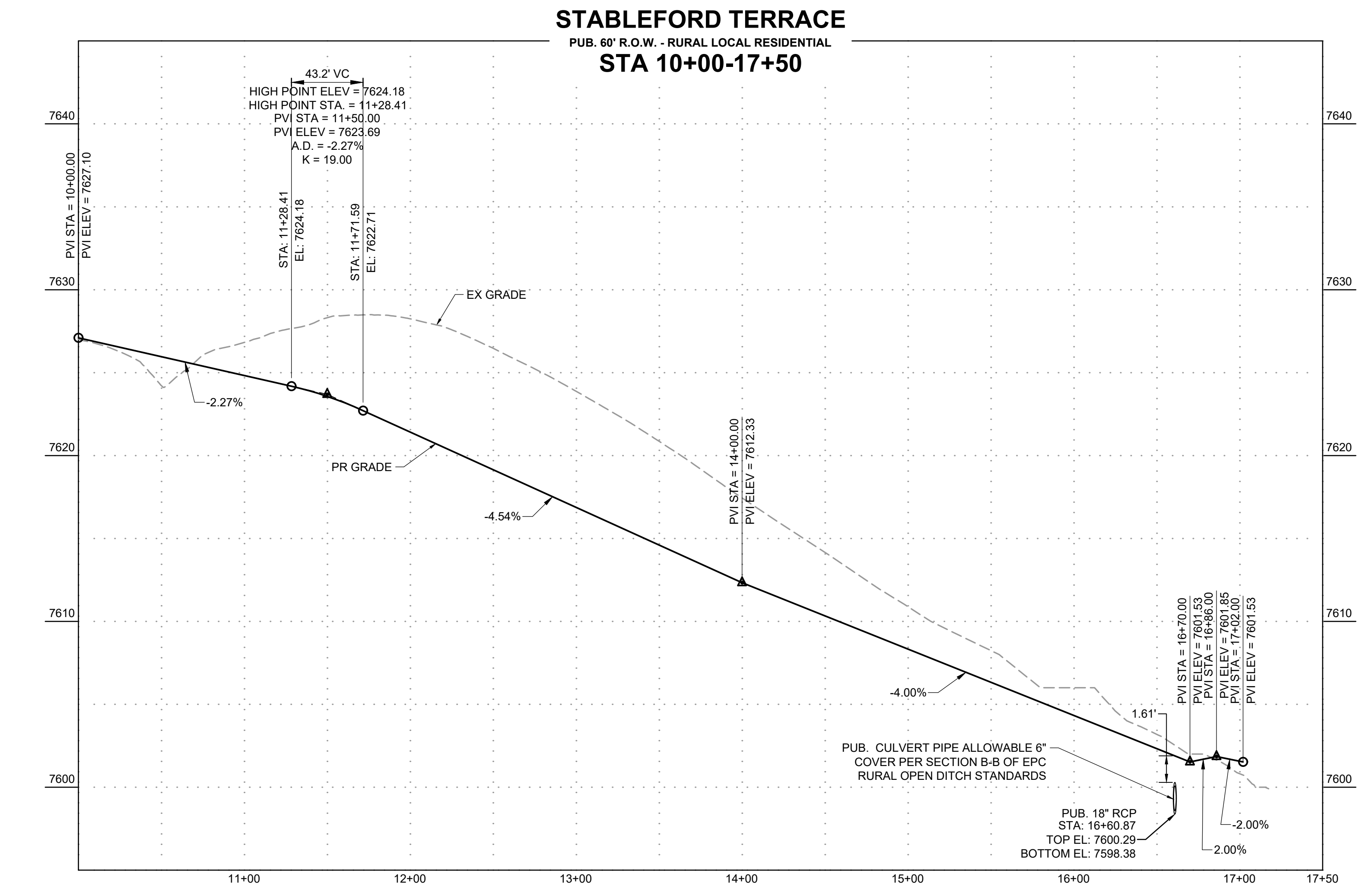


POINT TABLE				
NO.	DESC.	STATION	OFFSET	ELEVATION
1	SWALE FL	STA. 15+51.05	30.66' L	7603.14
2	SWALE FL	STA. 15+04.58	35.00' L	7604.99
3	SWALE FL	STA. 14+53.10	30.66' L	7607.04
4	SWALE FL	STA. 14+15.97	27.00' L	7608.52
5	SWALE FL	STA. 14+15.97	27.00' R	7608.52
6	SWALE FL	STA. 14+53.10	30.66' R	7607.04
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	7598.30
40	SWALE FL	STA. 16+56.53	34.43' R	7598.99
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



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

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



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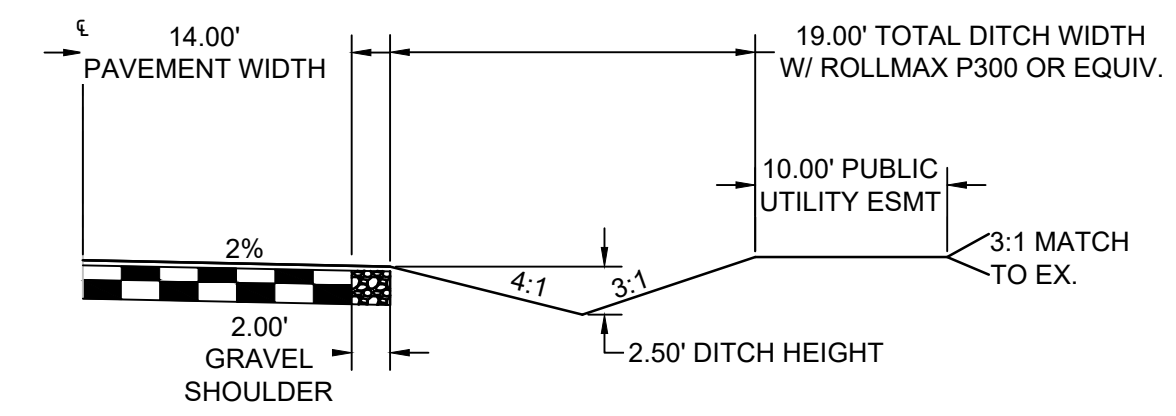
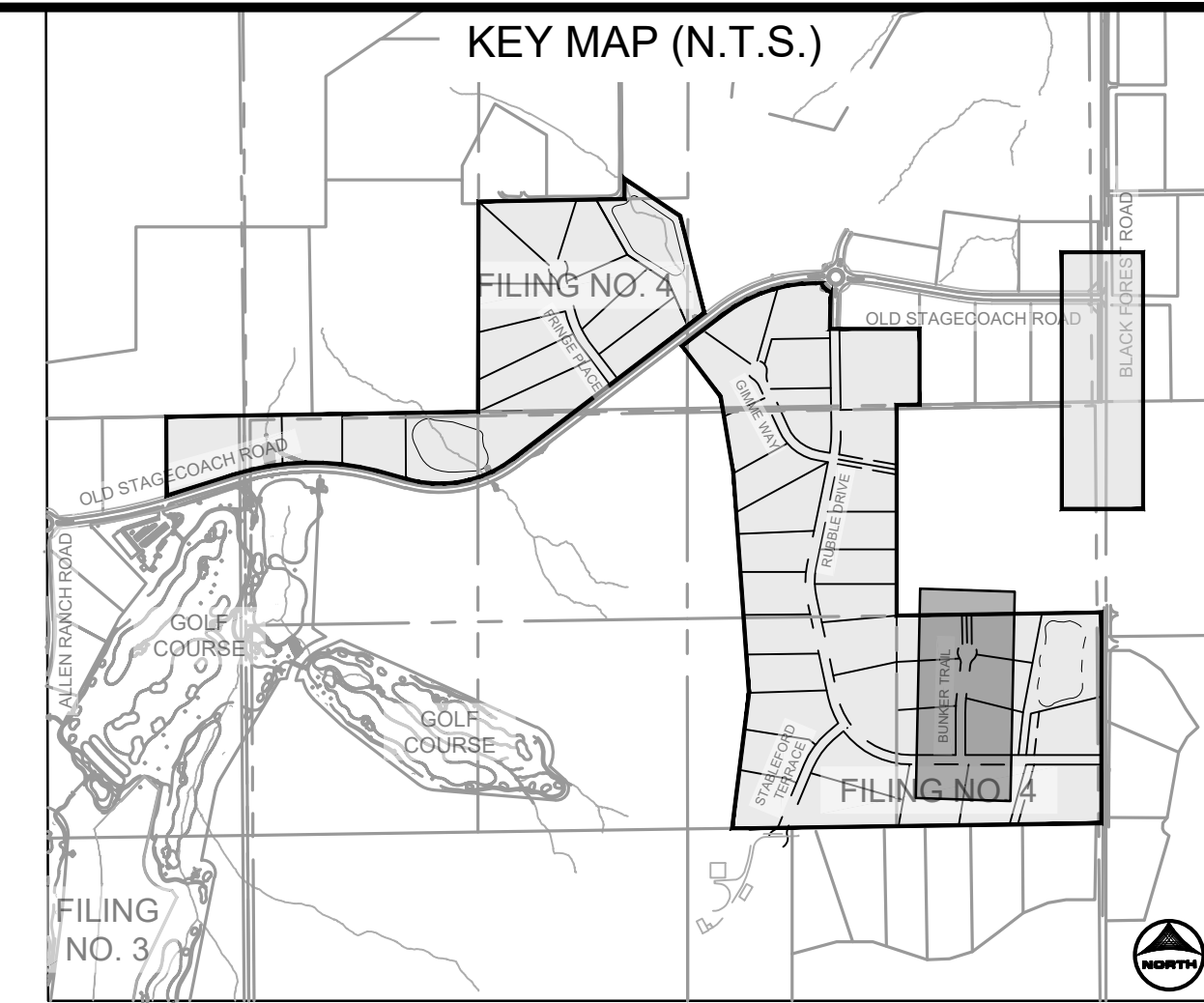
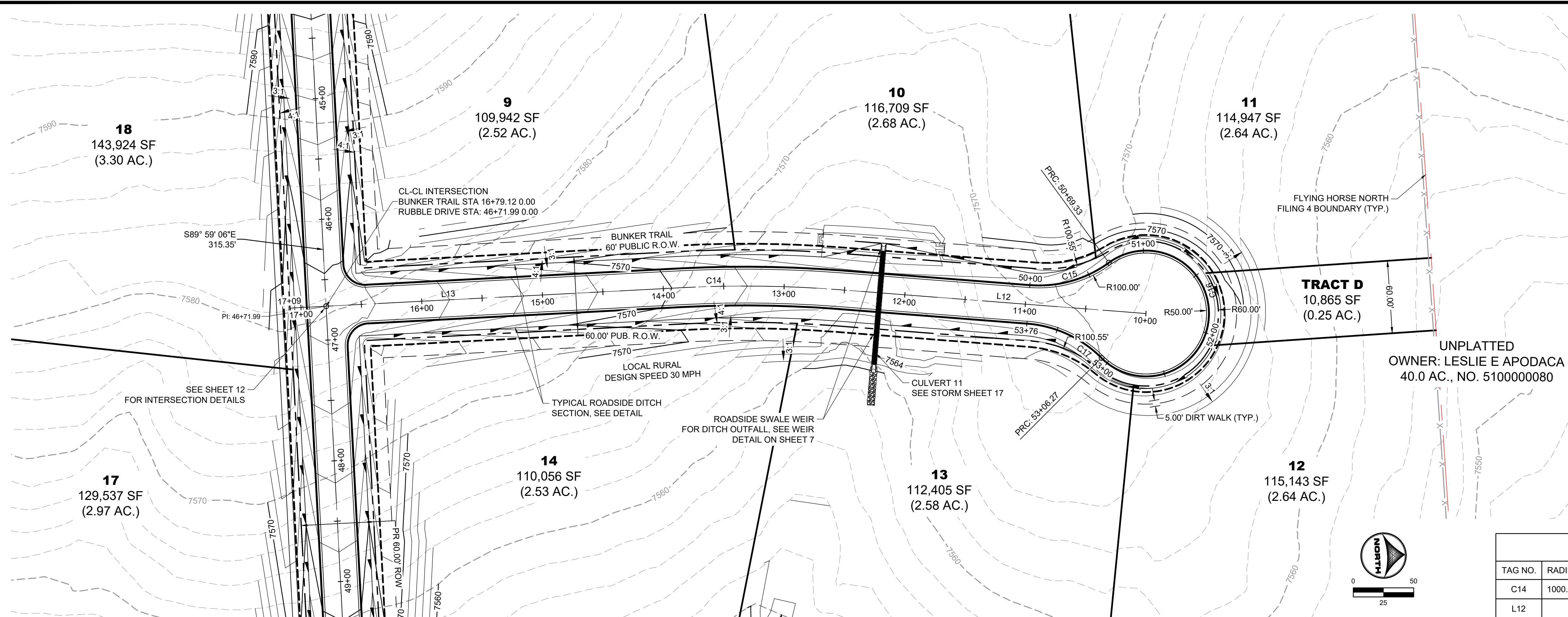
NO.	DATE	BY	REVISION DESCRIPTION

**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

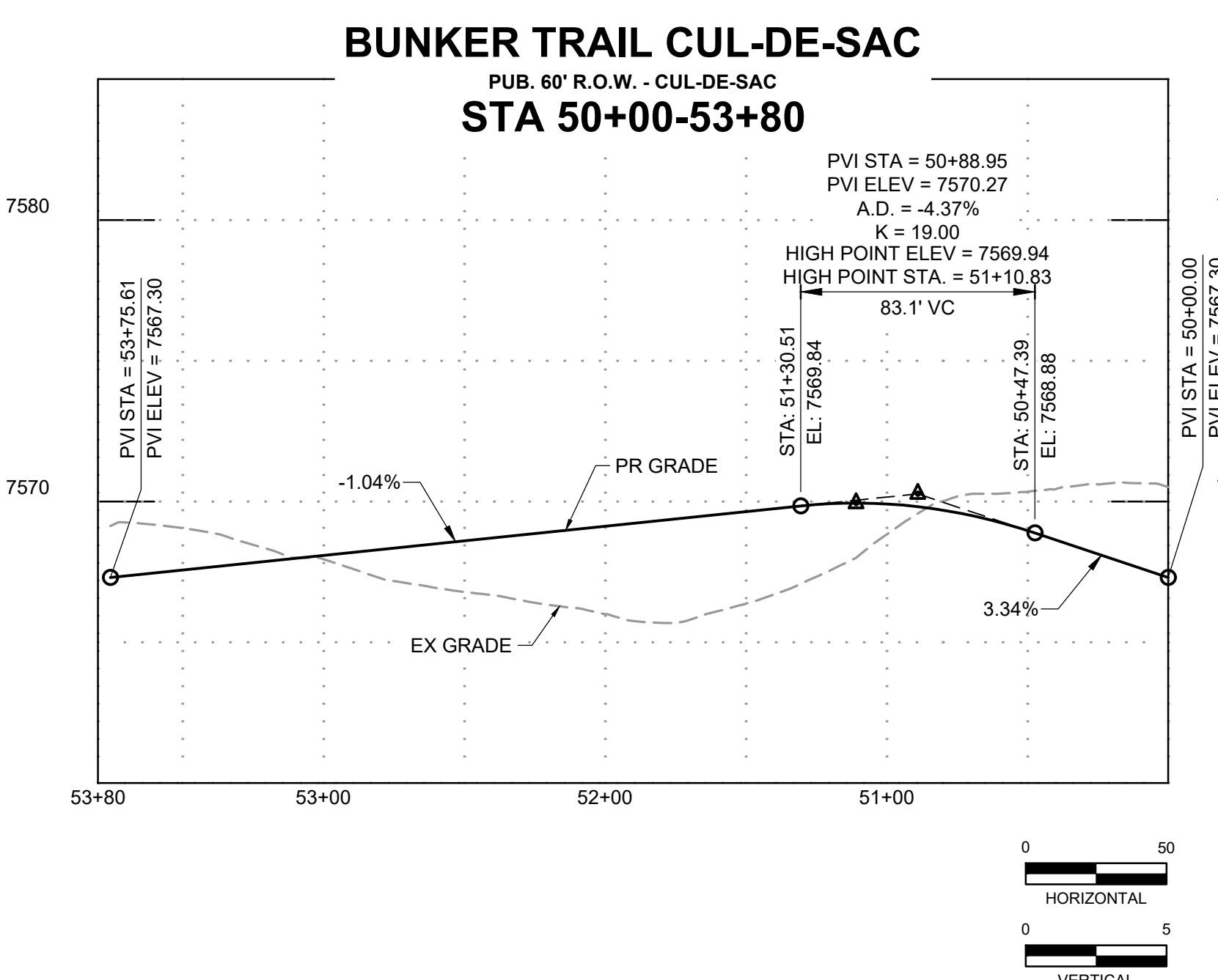
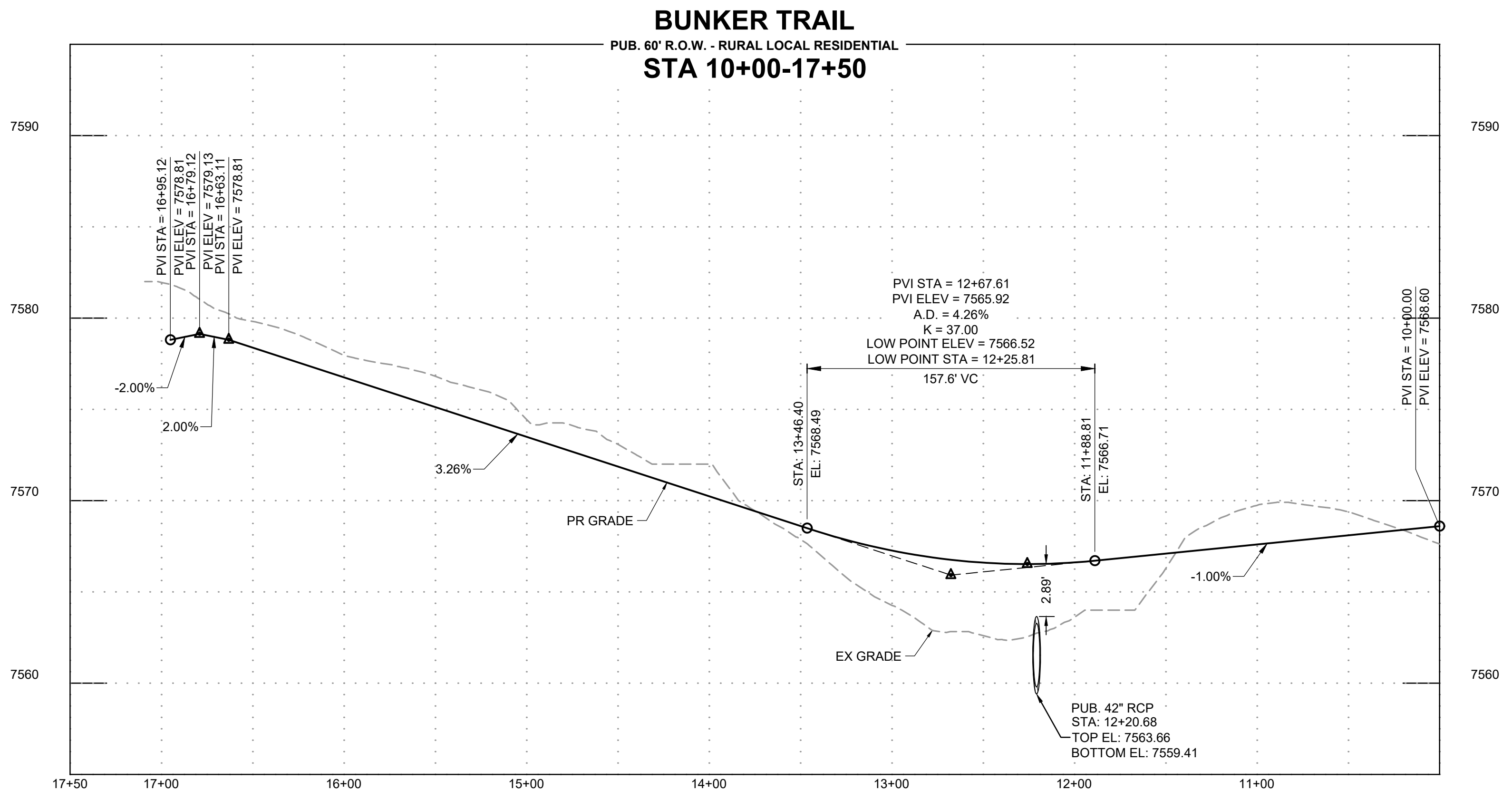
STREET PLAN & PROFILES  
 STABLEFORD TERRACE

SHEET  
**ST**  
 9



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



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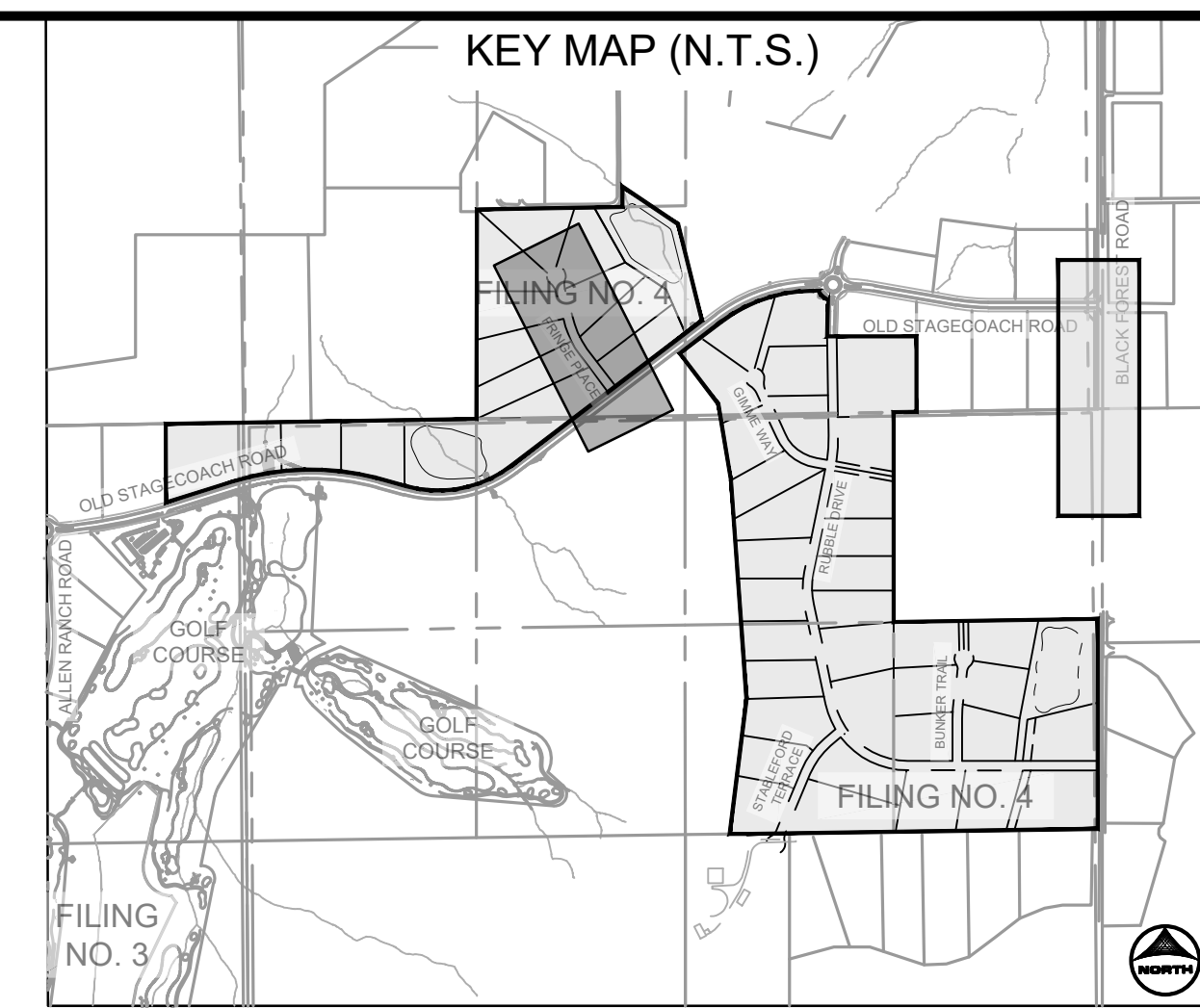
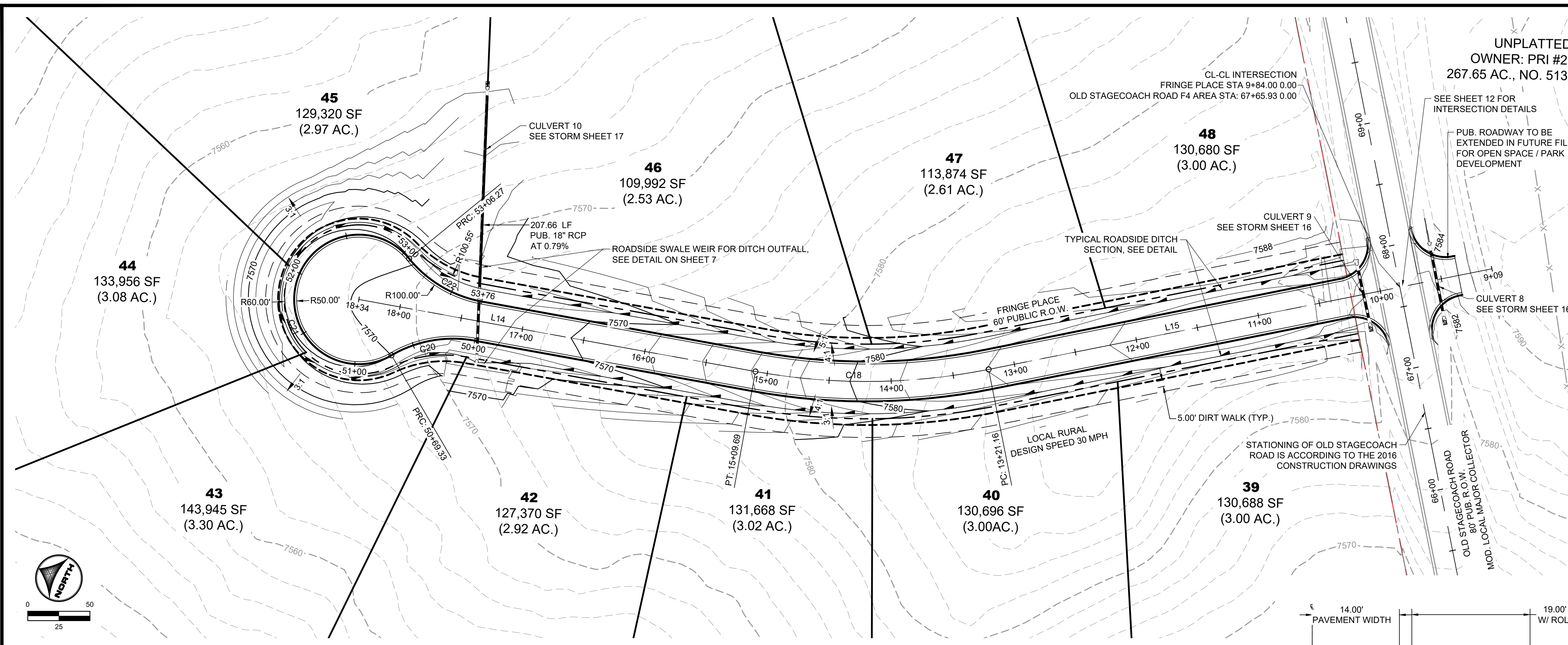
NO.	DATE	BY	REVISION DESCRIPTION

**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

STREET PLAN & PROFILES  
 BUNKER TRAIL

SHEET  
 ST 10

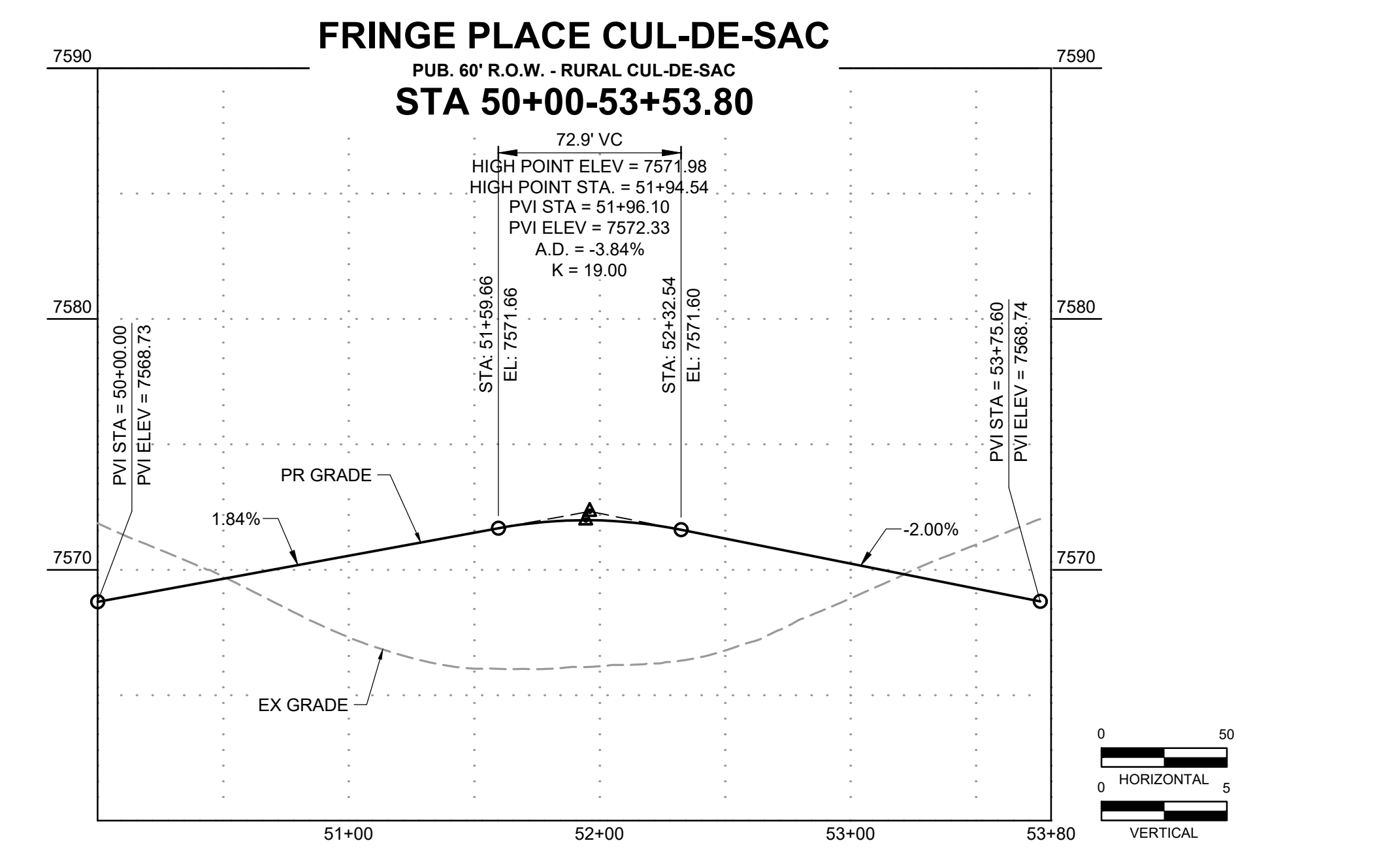
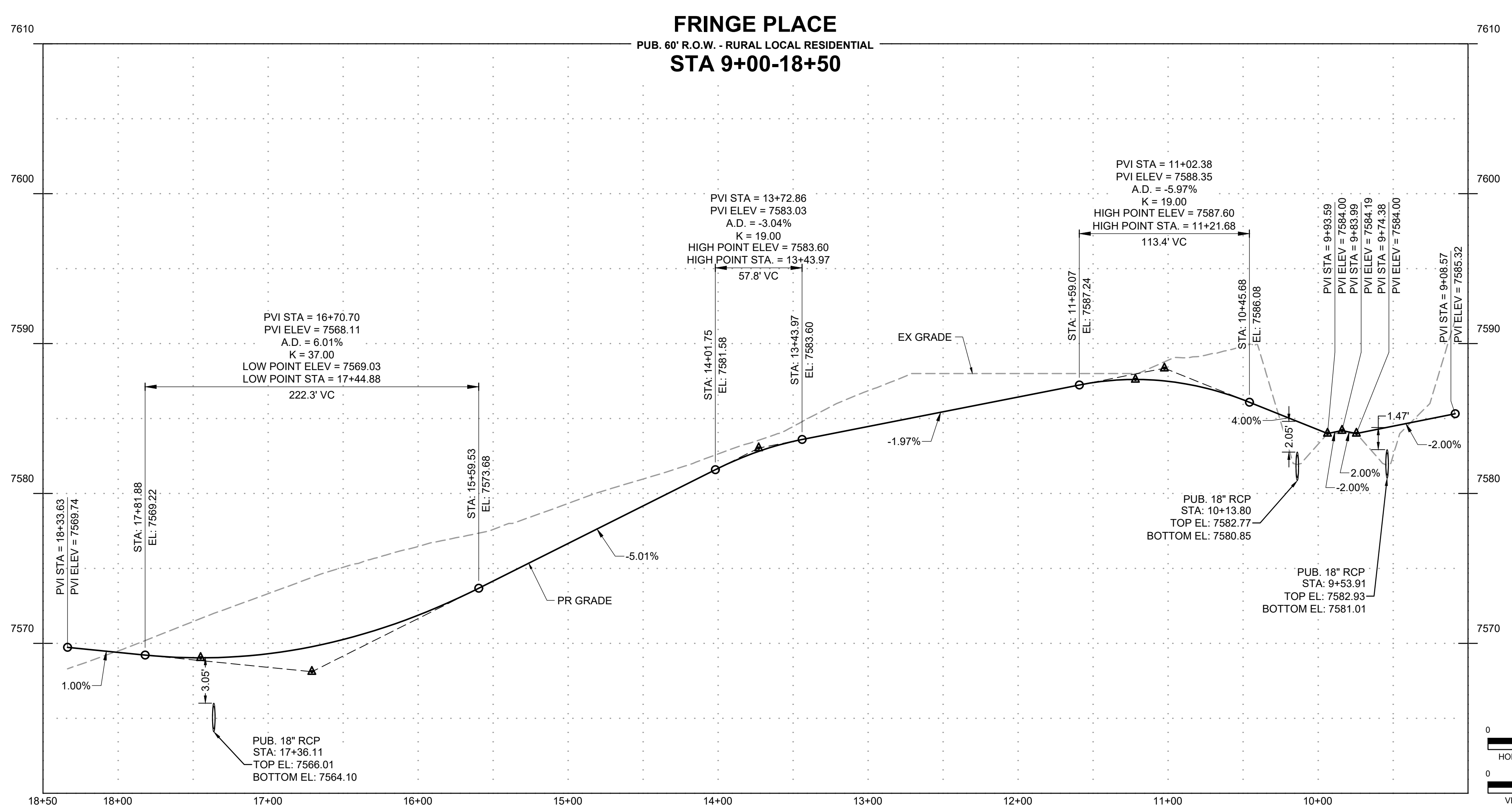
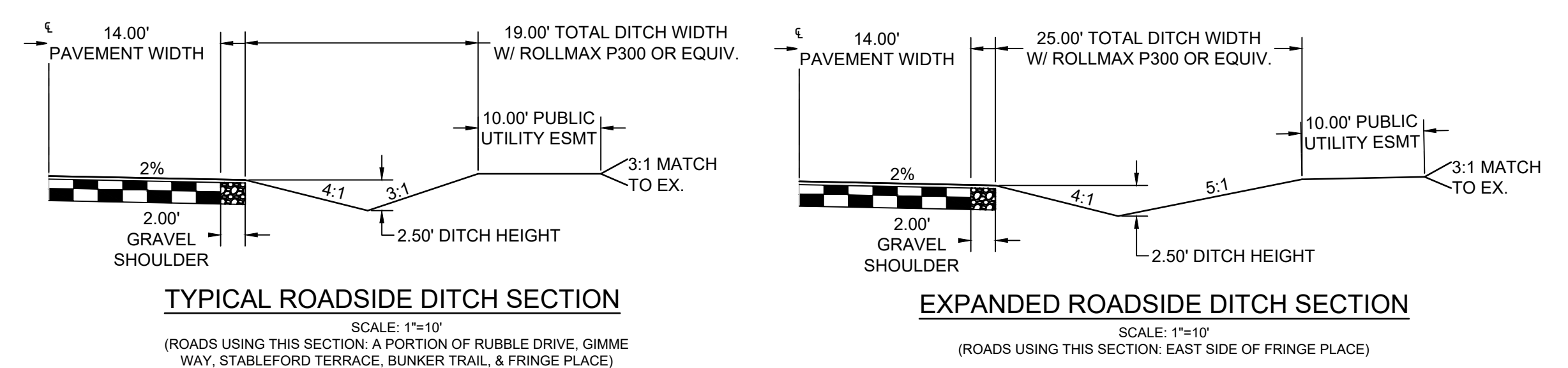


**FRINGE PLACE ALIGNMENT TABLE**

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

**FRINGE PLACE ALIGNMENT TABLE**

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



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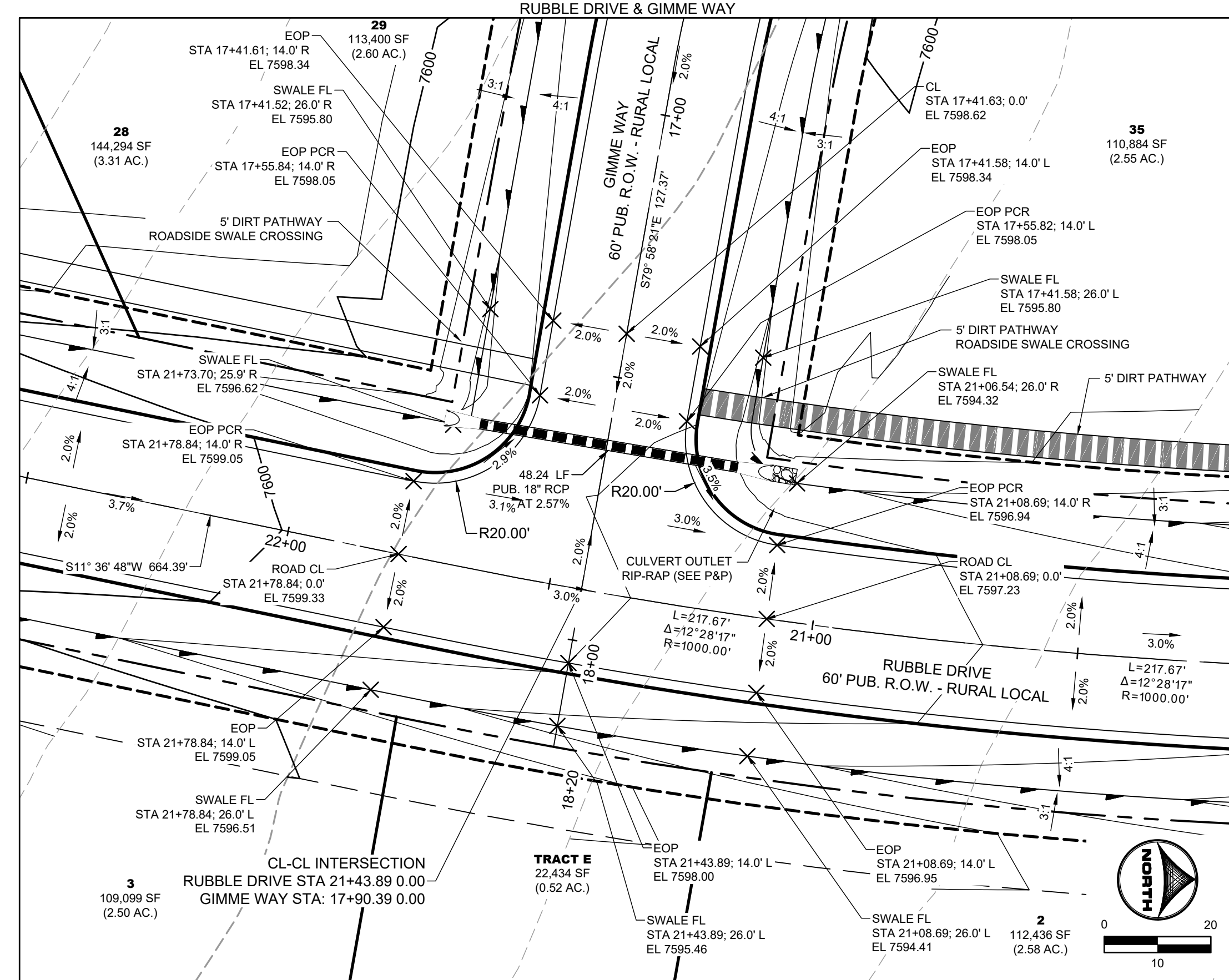
**HRGreen**  
 HR GREEN - COLORADO SPRINGS  
 1975 RESEARCH PARKWAY SUITE 160  
 COLORADO SPRINGS, CO 80920  
 PHONE: 719.300.4140  
 FAX: 713.965.0044

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

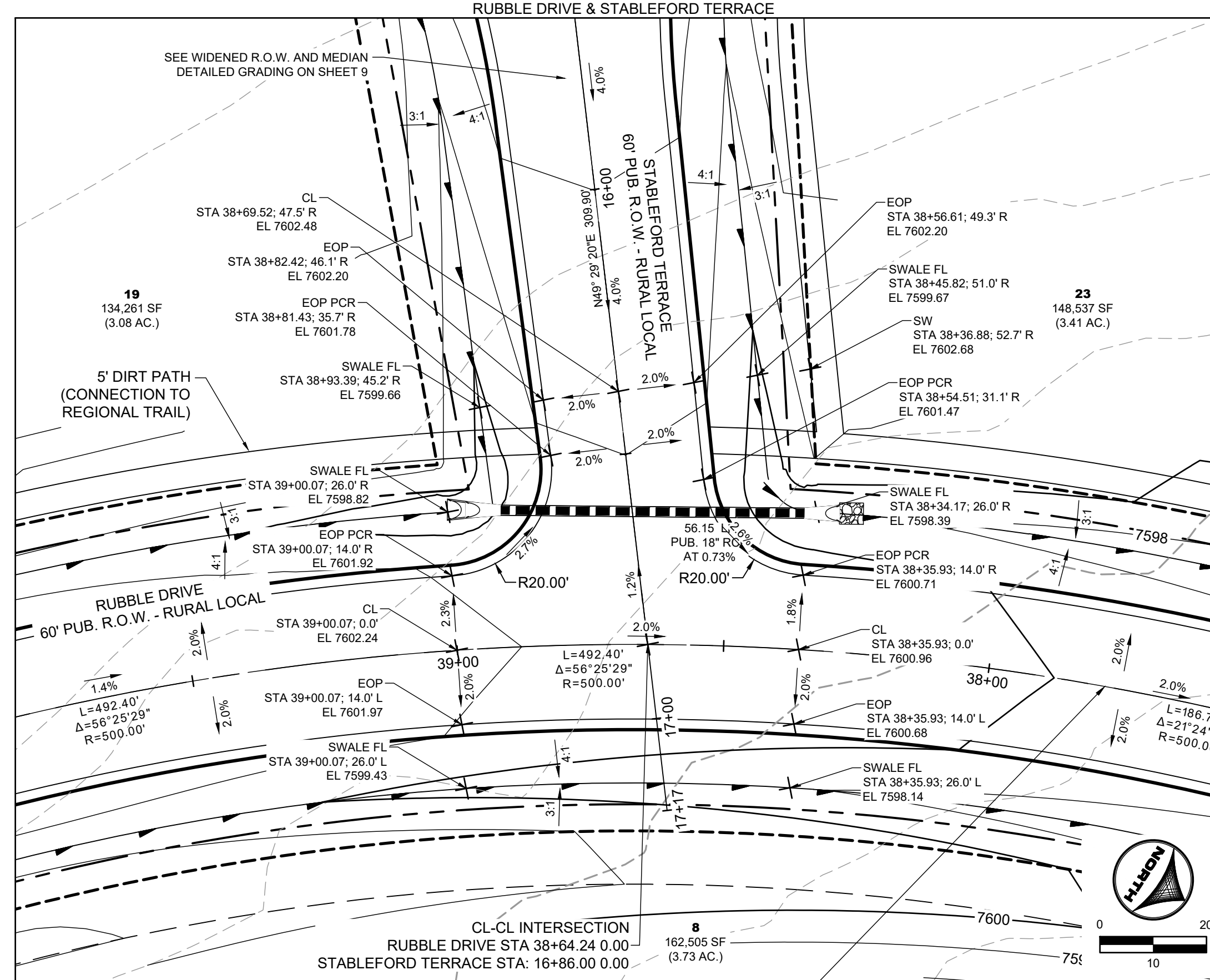
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 FRINGE PLACE

SHEET  
**ST 11**

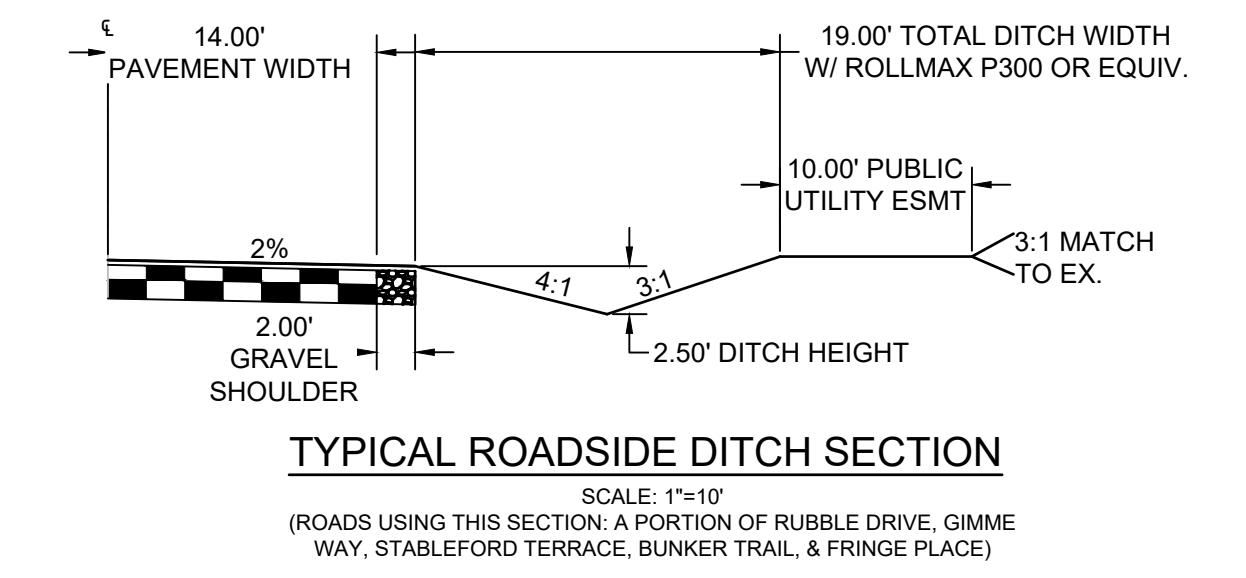
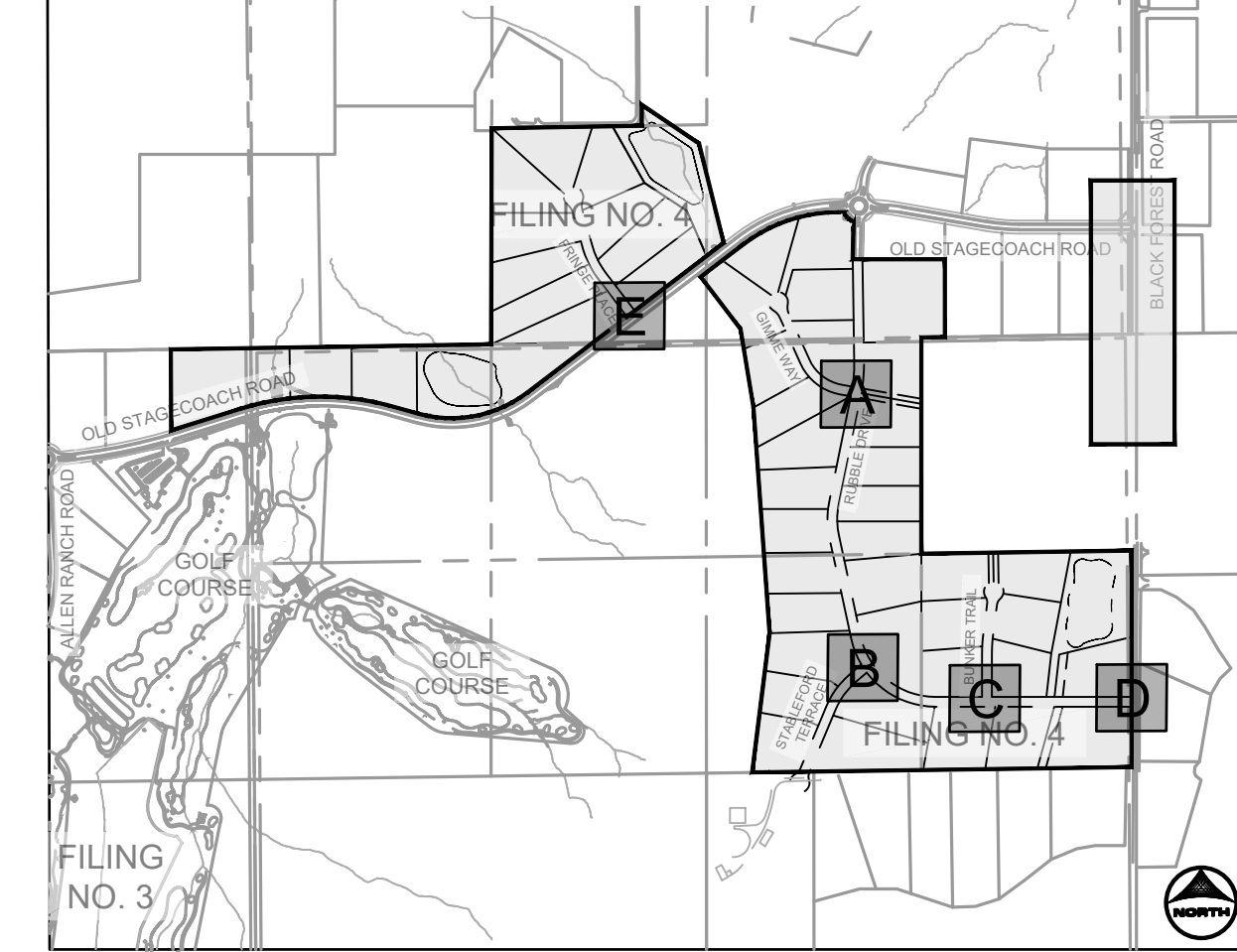
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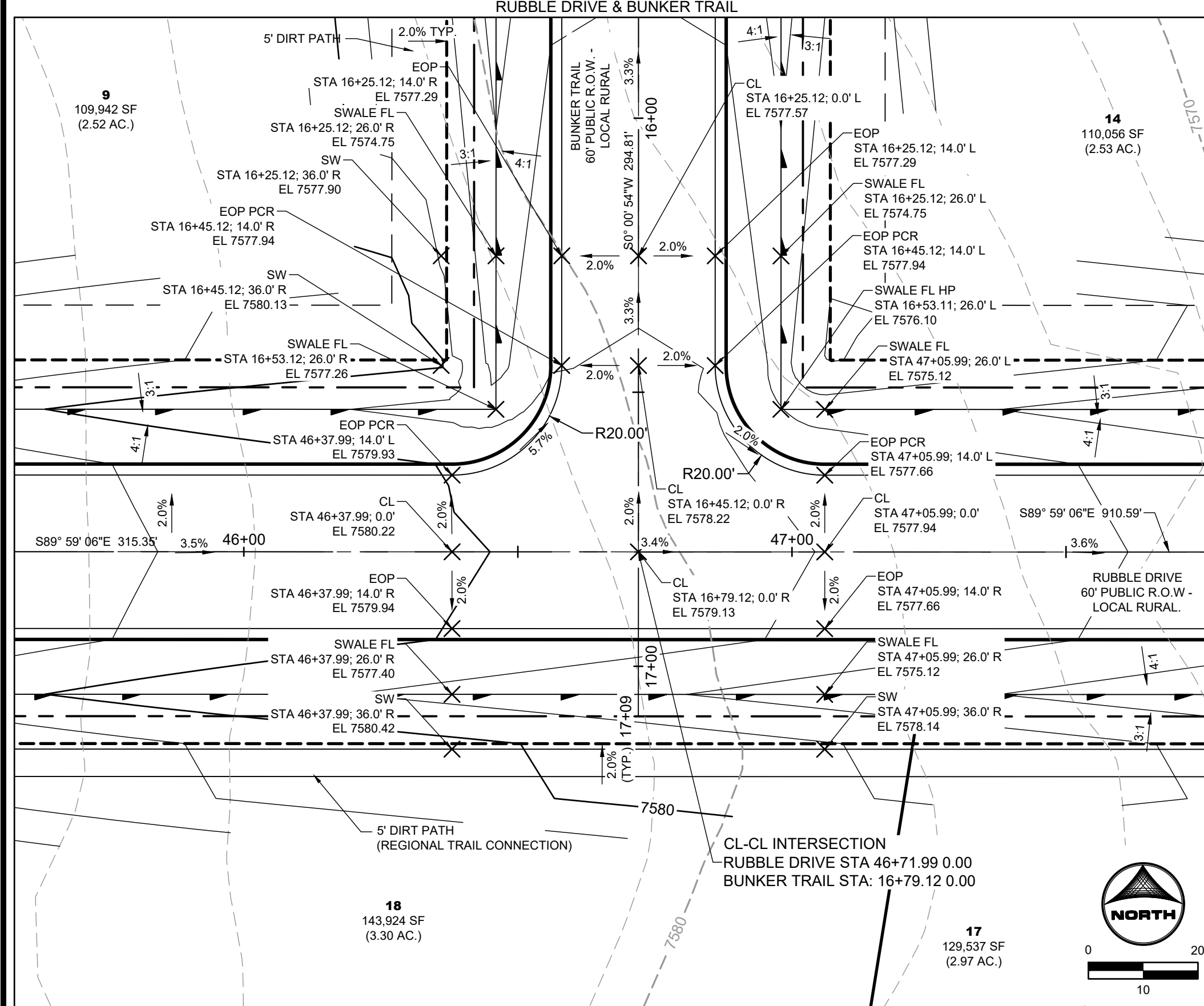
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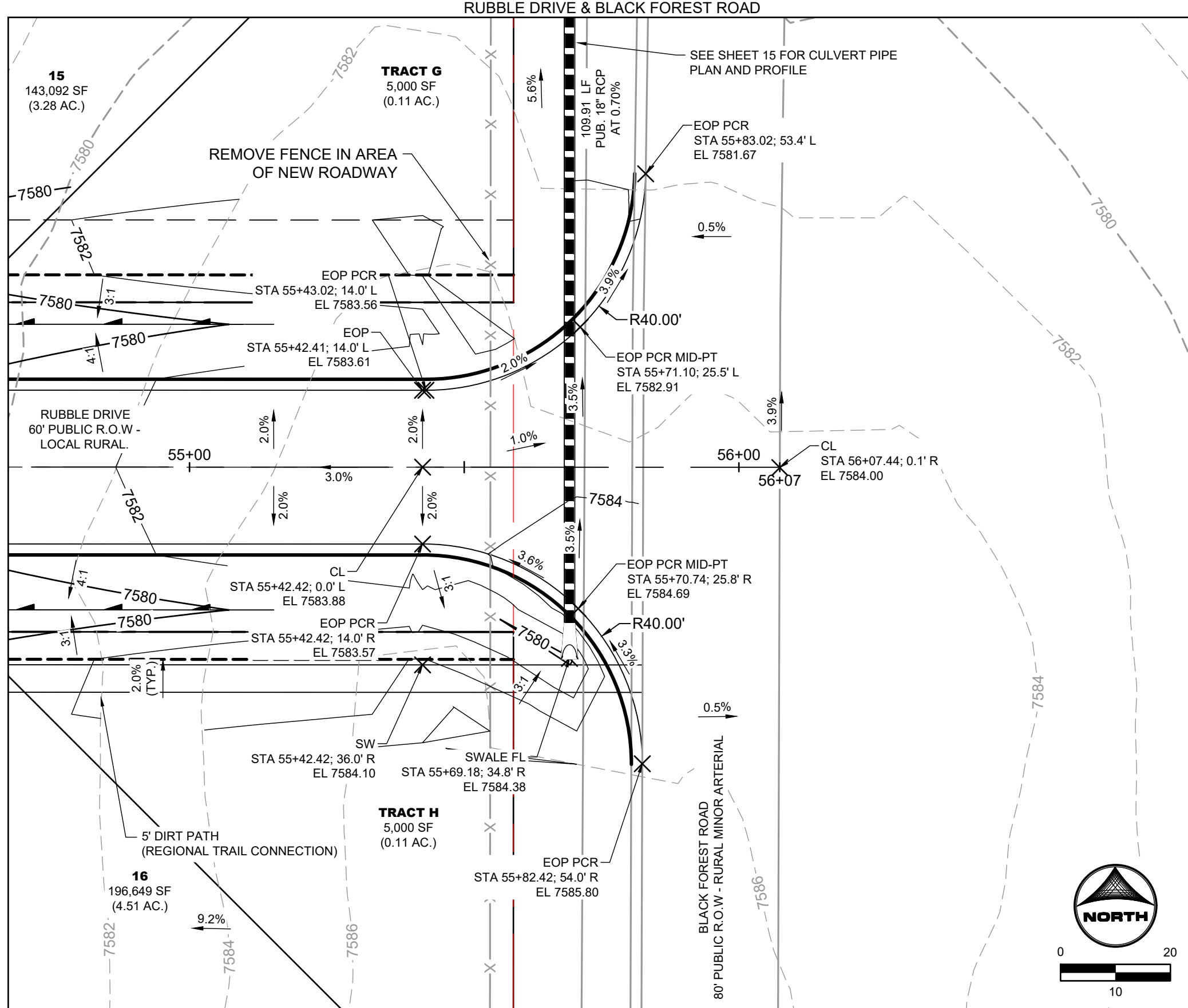
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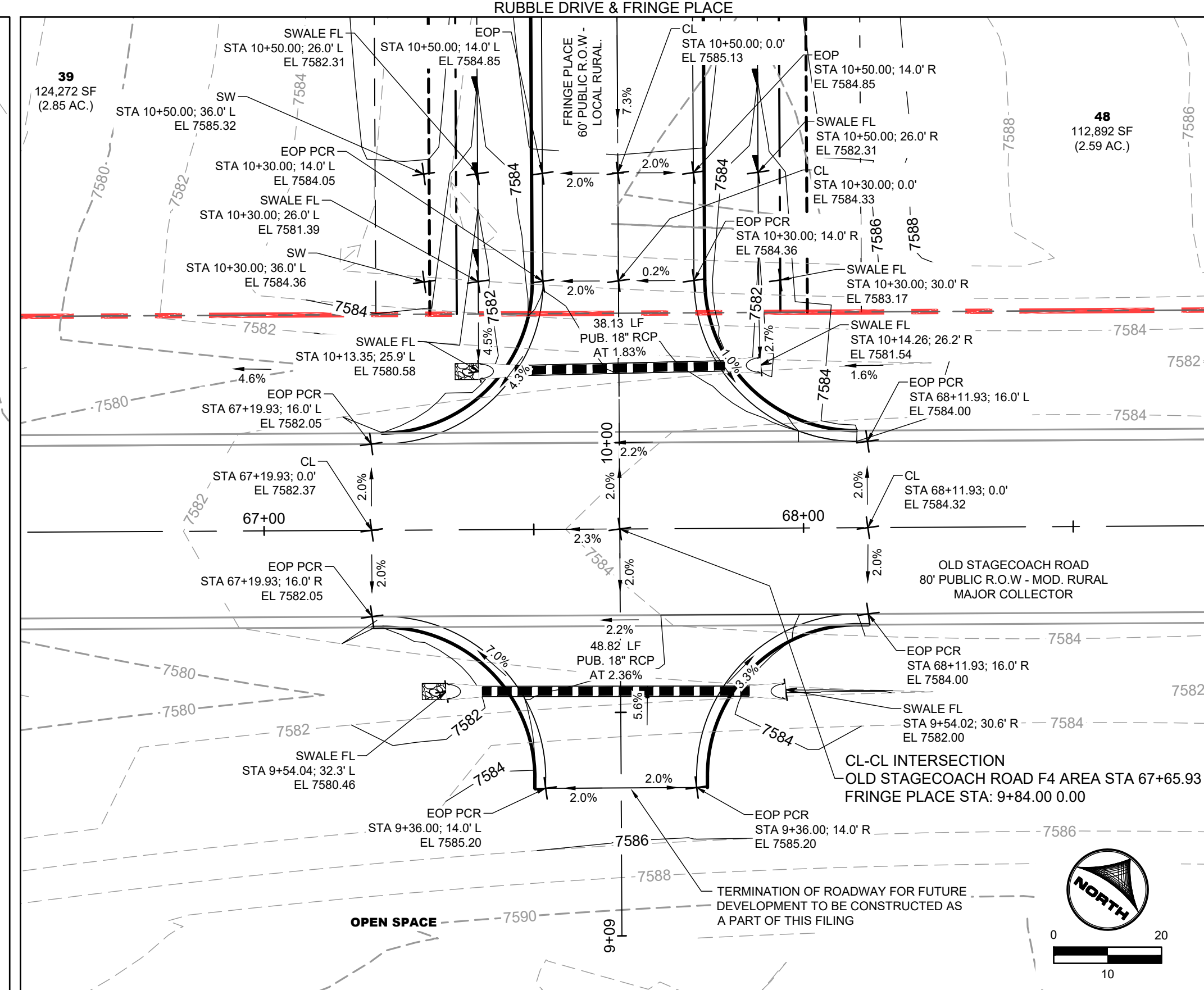
ROADWAY INTERSECTION DETAIL - C



ROADWAY INTERSECTION DETAIL - D



ROADWAY INTERSECTION DETAIL - E



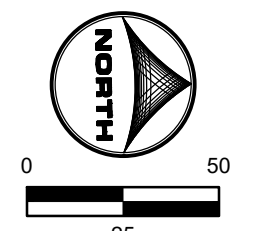
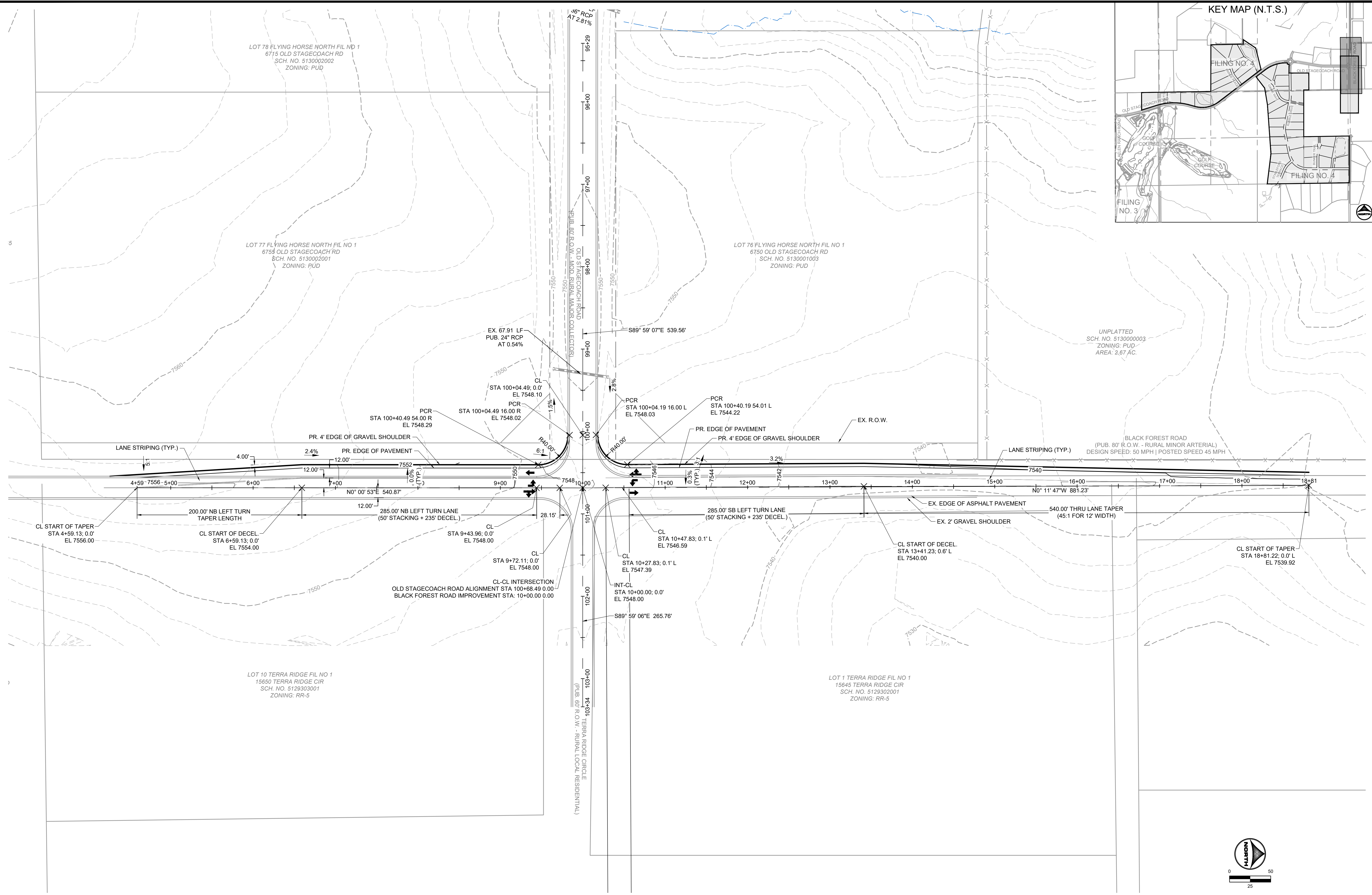
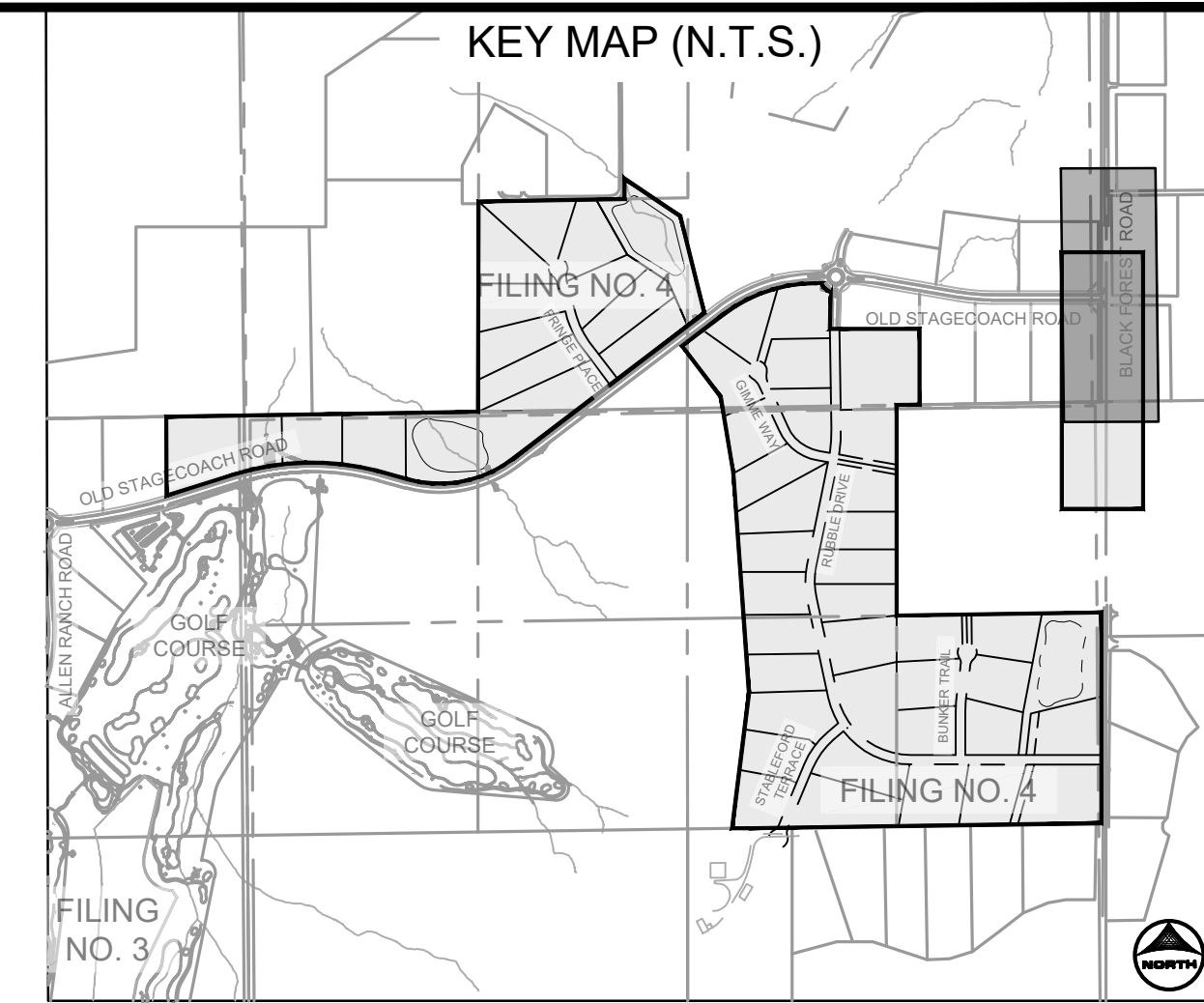
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HR GREEN - COLORADO SPRINGS  
1975 RESEARCH PARKWAY SUITE 160  
COLORADO SPRINGS, CO 80920  
PHONE: 719.300.4140  
FAX: 713.965.0044

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

INTERSECTION DETAILS  
ROADWAY INTERSECTION DETAILS  
SHEET ST 12  
PCD FILE NO.: SF####



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 APPROVED: RDL JOB NUMBER: 211030.240  
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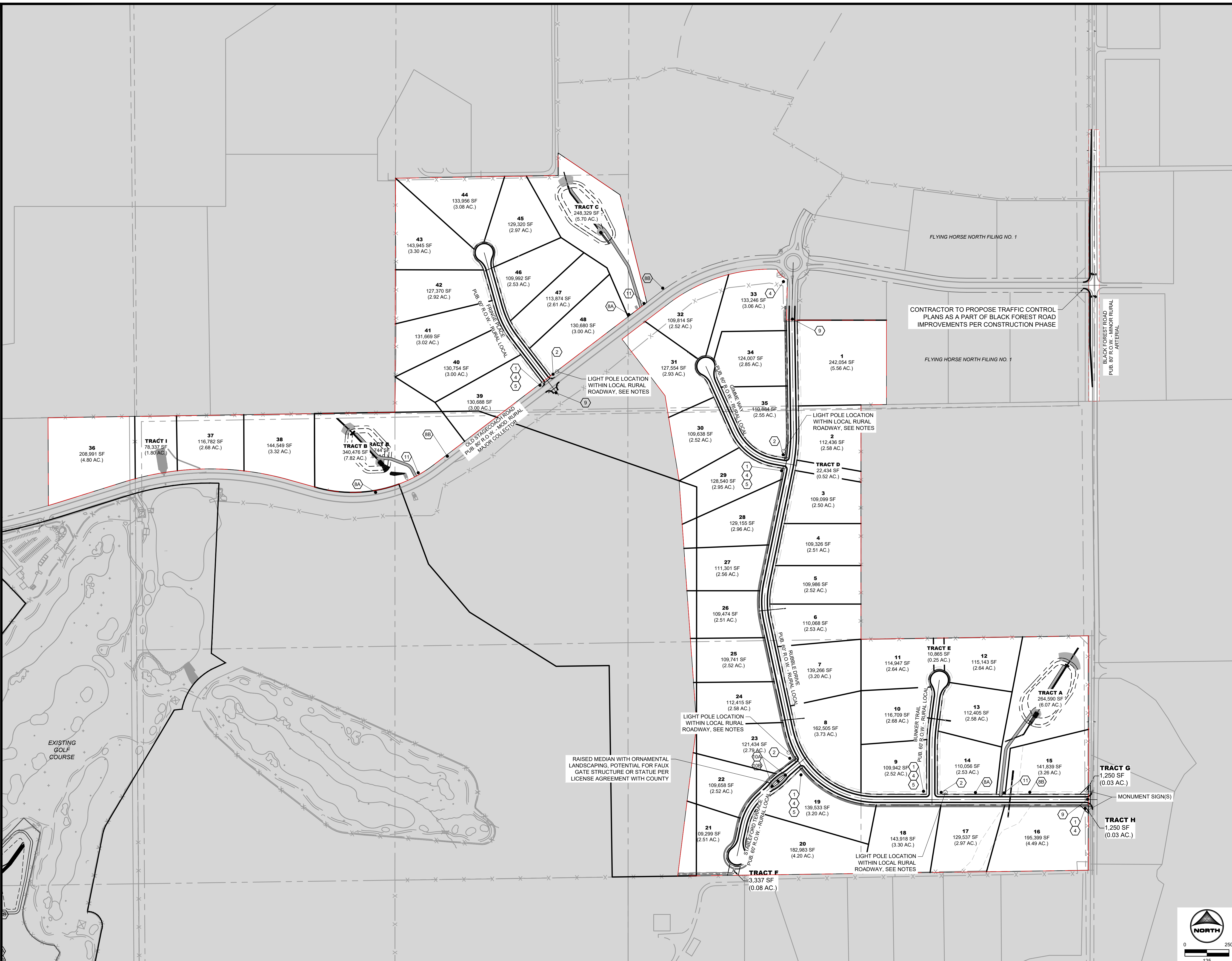
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**HRGreen**  
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 1975 RESEARCH PARKWAY SUITE 160  
 COLORADO SPRINGS, CO 80920  
 PHONE: 719.300.4140  
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**FLYING HORSE NORTH FILING 4  
 PRI #2, LLC.**  
 EL PASO COUNTY, CO

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

PCD FILE NO: SF####  
**SHEET ST 13**



**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 NO TRUCKS W11-11 18"x18"
- 5 ROAD NAME NO OUTLET GREEN W/ NO OUTLET PATCH
- 7 NO 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 O
- 10A U-TURN R4-7 12"x18"
- 10B NO PUBLIC ACCESS ROAD MAINTENANCE SIGN OM3-L 12"x18"
- 11 NO PUBLIC ACCESS ROAD MAINTENANCE SIGN GREEN 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 PRE-FORMED 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 AN EXISTING EL PASO COUNTY ROADWAY.

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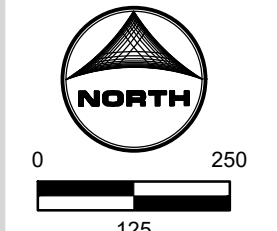
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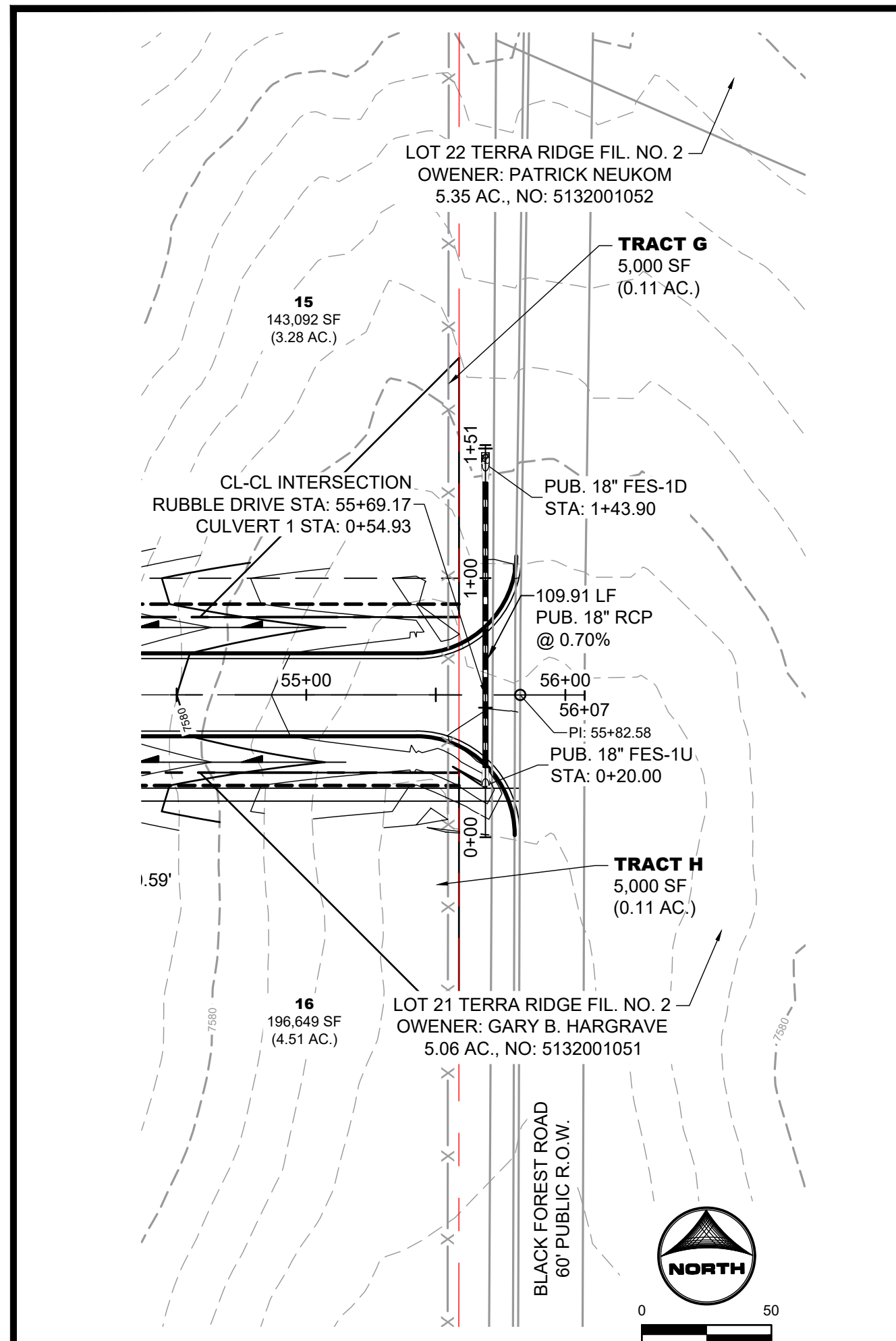
**HRGreen** HR GREEN - COLORADO SPRINGS  
 1975 RESEARCH PARKWAY SUITE 160  
 COLORADO SPRINGS, CO 80920  
 PHONE: 719.300.4140 FAX: 713.965.0044

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

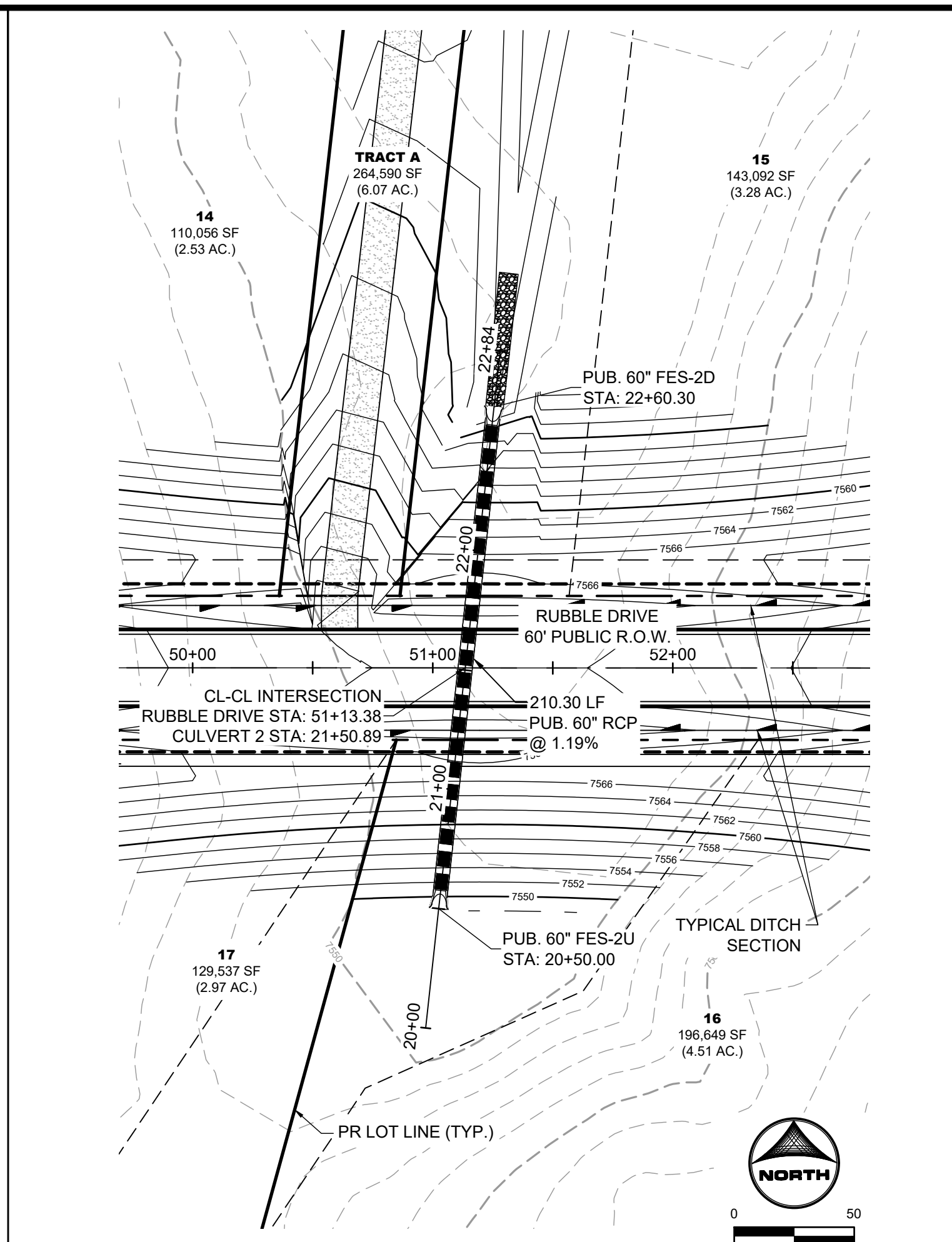
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 SIGNAGE AND STRIPING

SHEET  
 SNS  
 14

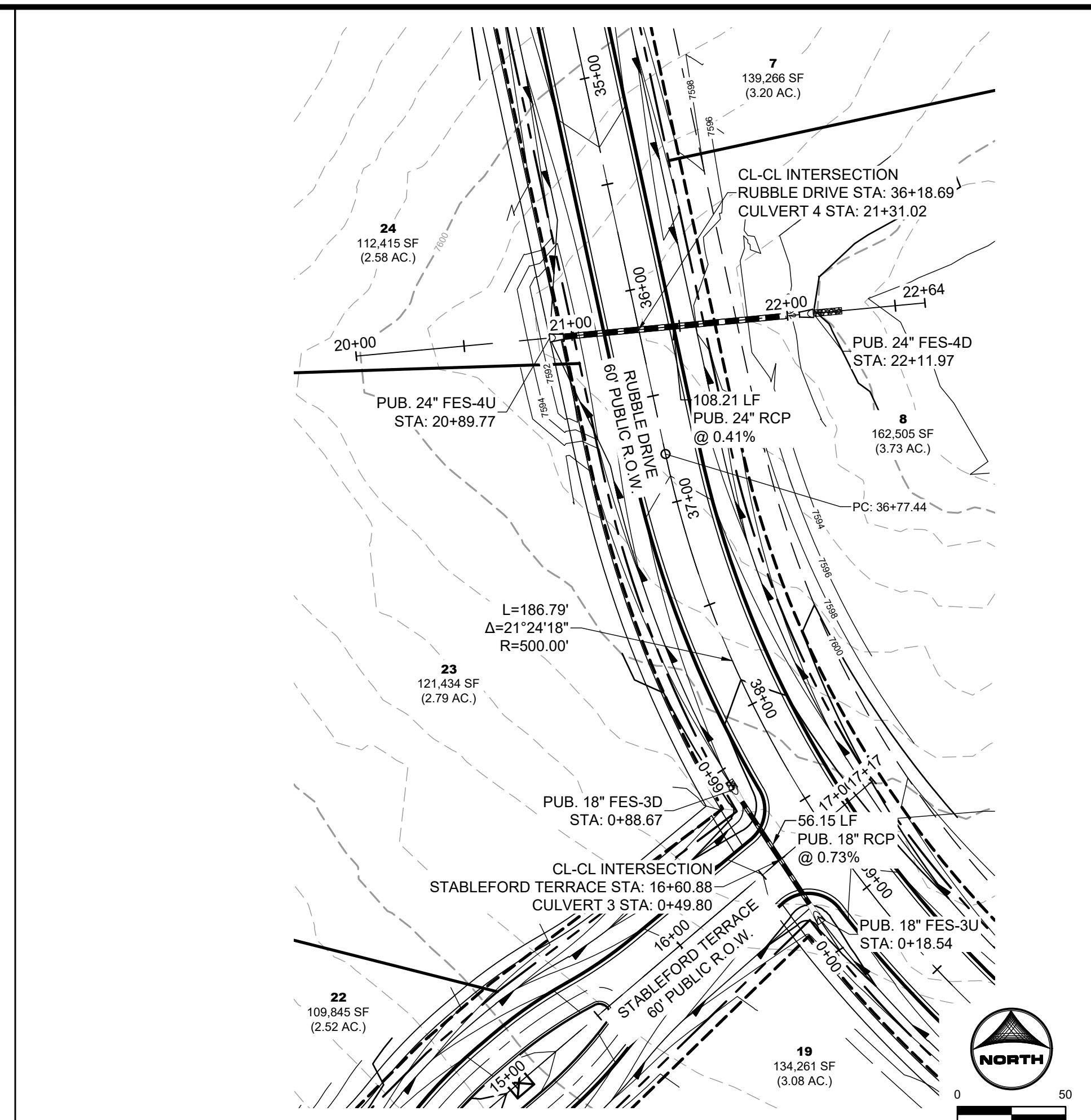




**CULVERT 1**  
PUB. STORM CULVERT PIPE WITHIN  
RUBBLE DRIVE AND BLACK FORST ROAD  
PUB. 60" R.O.W. - RURAL LOCAL RESIDENTIAL

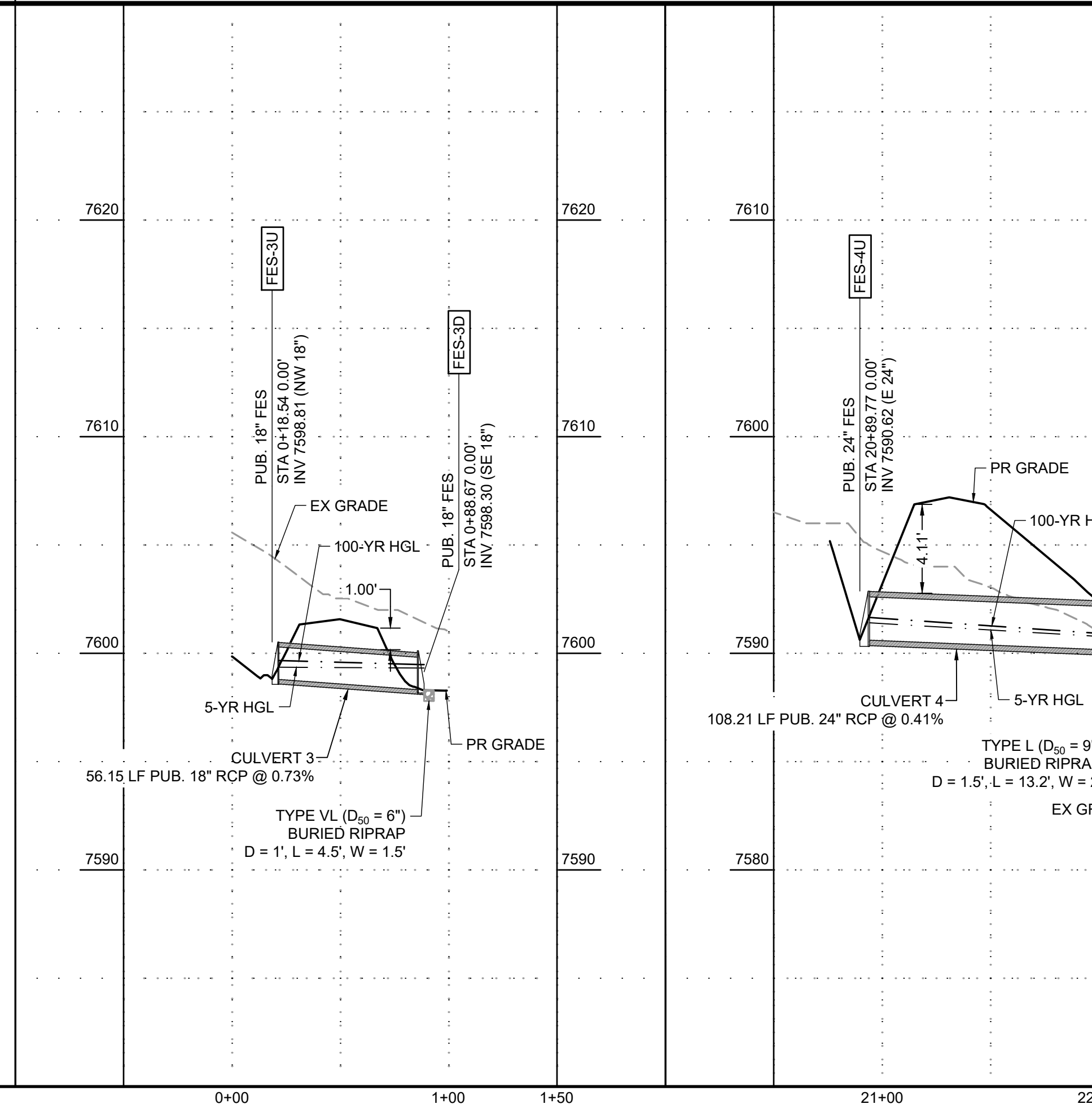
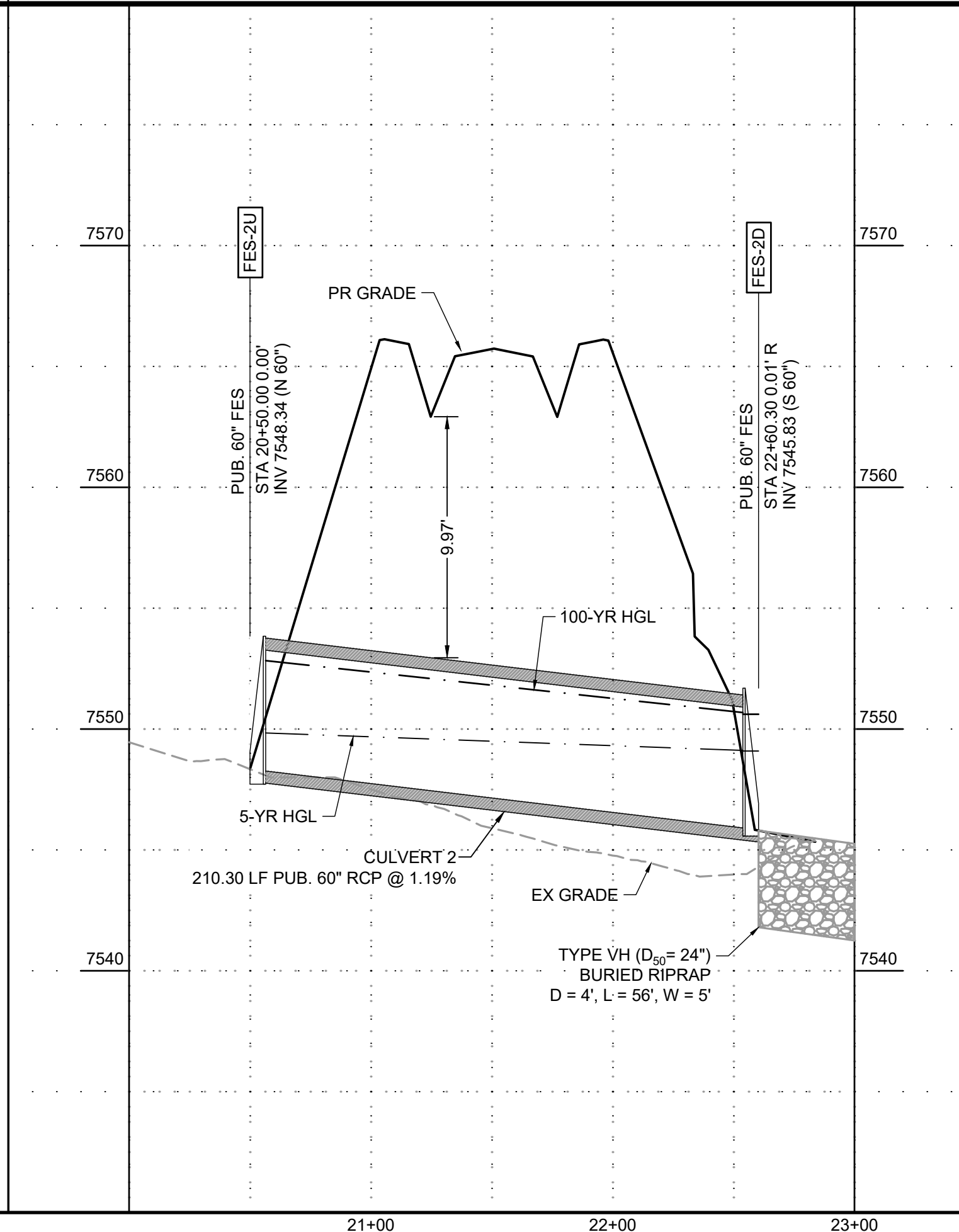
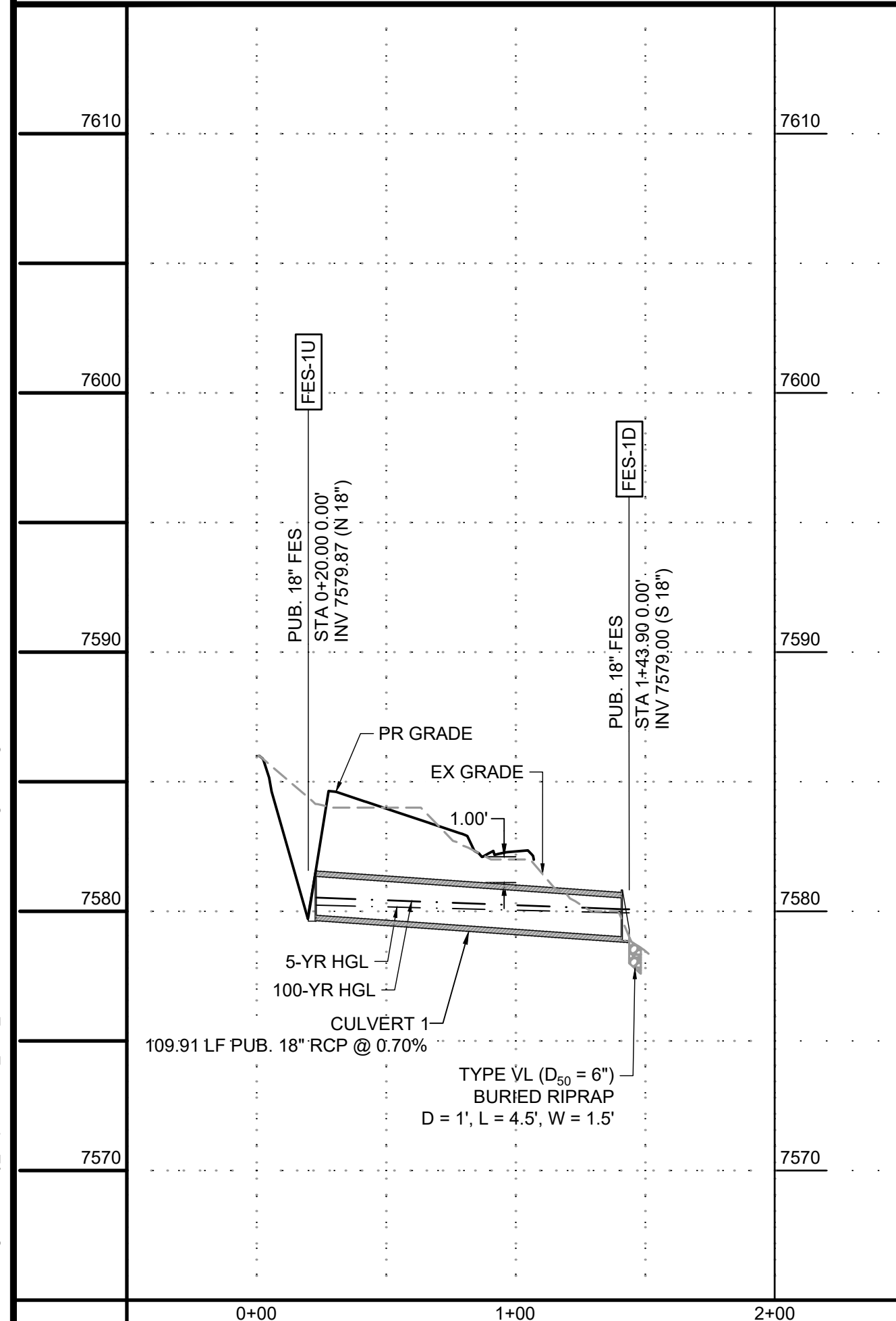
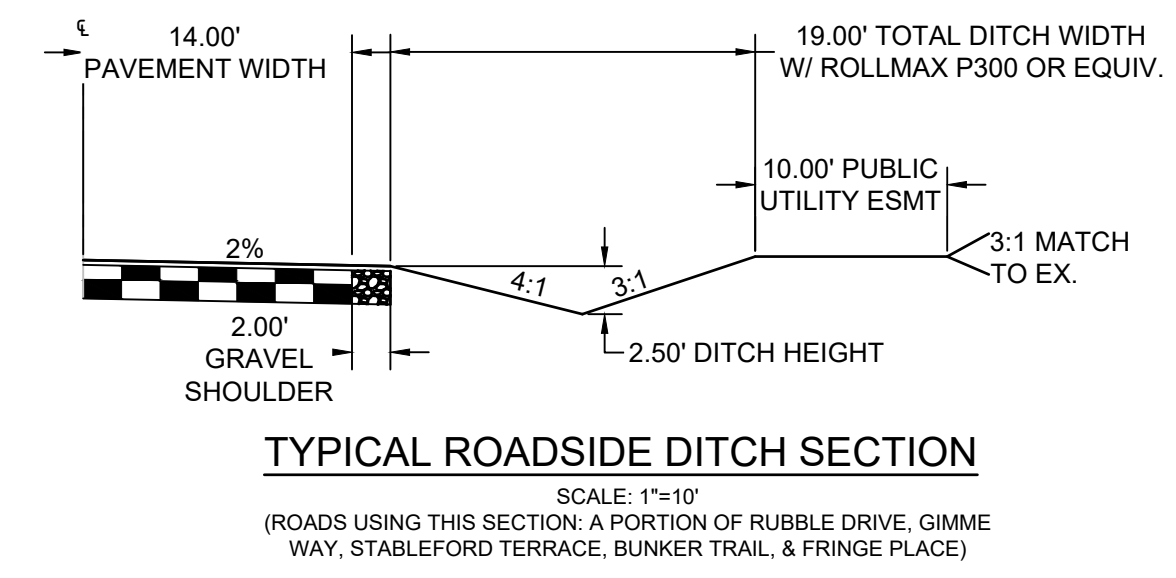
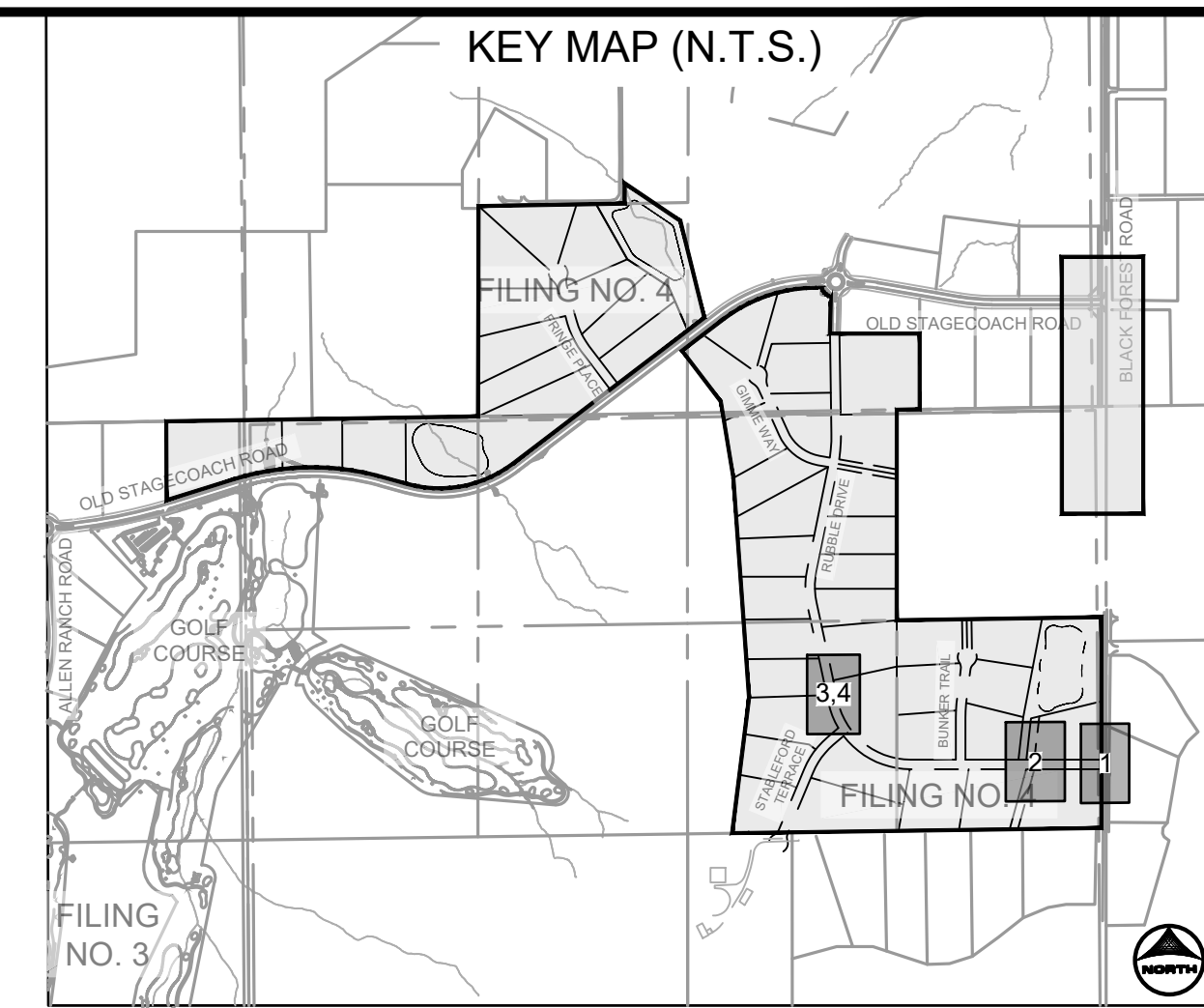


**CULVERT 2**  
PUB. STORM CULVERT PIPE WITHIN RUBBLE DRIVE  
PUB. 60" R.O.W. - RURAL LOCAL RESIDENTIAL



**CULVERT 3**  
PUB. STORM CULVERT PIPE WITHIN  
STABLEFORD TERRACE AND RUBBLE DRIVE  
PUB. 60" R.O.W. - RURAL LOCAL RESIDENTIAL

**CULVERT 4**  
PUB. STORM CULVERT PIPE WITHIN RUBBLE DRIVE  
PUB. 60" R.O.W. - RURAL LOCAL RESIDENTIAL



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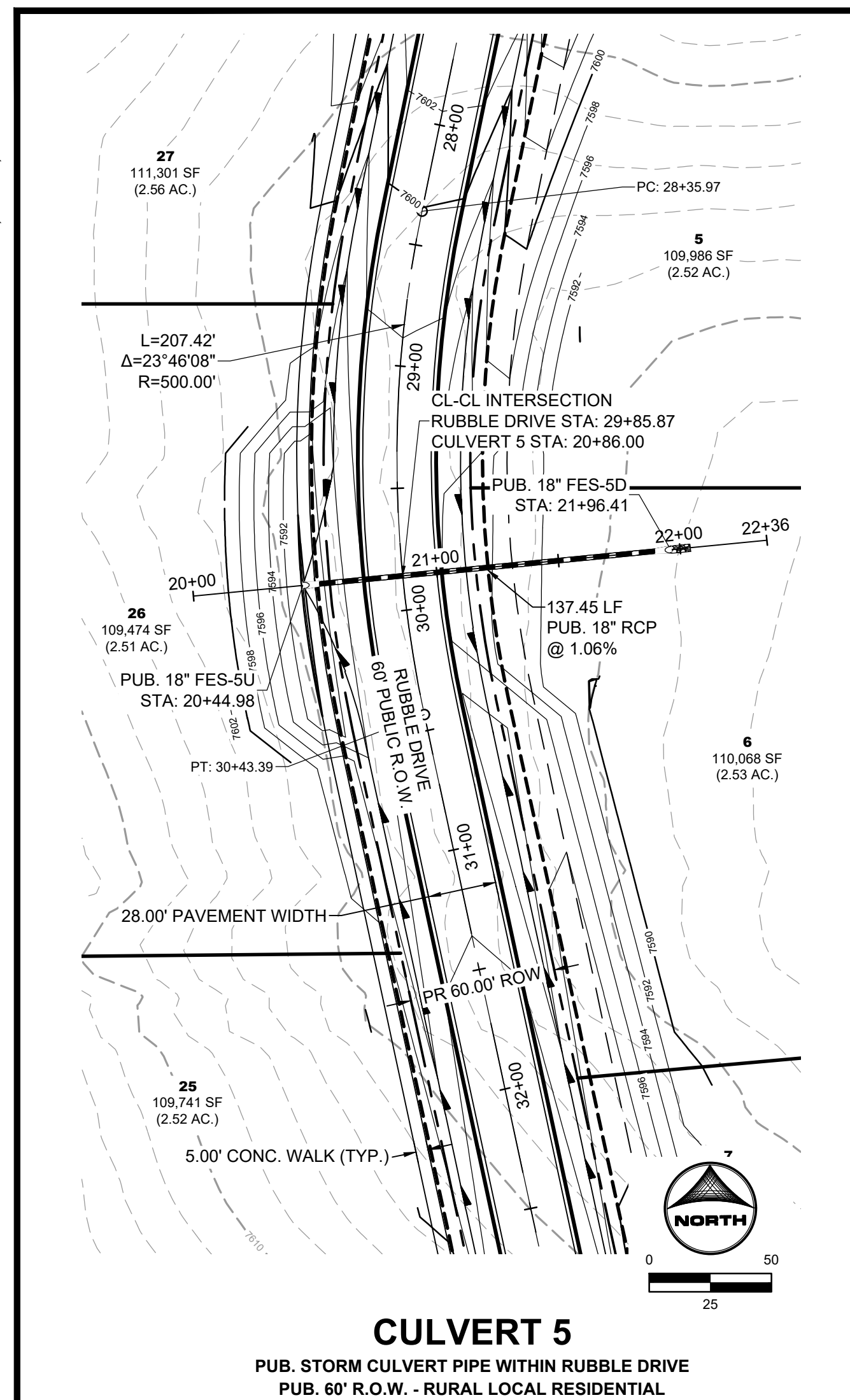
NO.	DATE	BY	REVISION DESCRIPTION

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

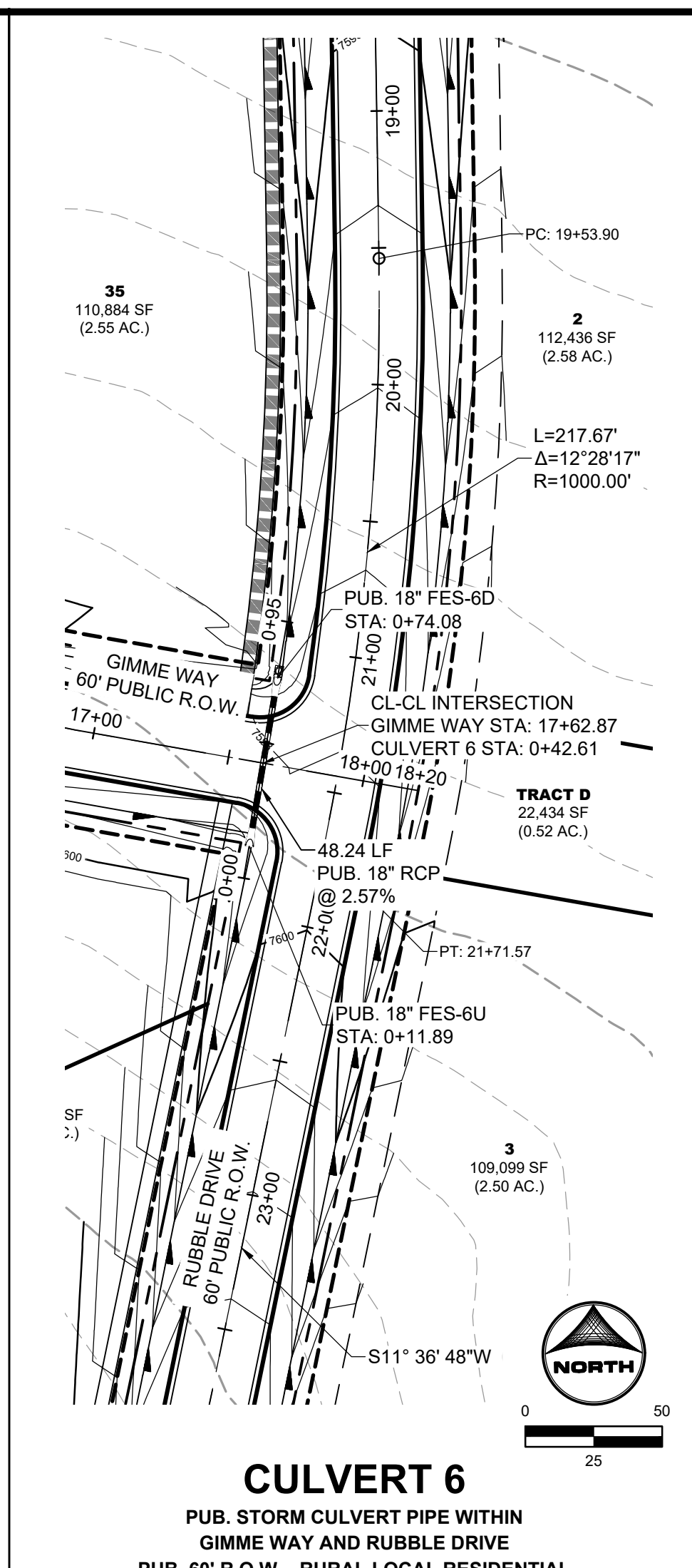
**FLYING HORSE NORTH FILING 4**  
PRI #2, LLC.  
EL PASO COUNTY, CO

STORM SEWER PLAN & PROFILES  
STORM CULVERTS

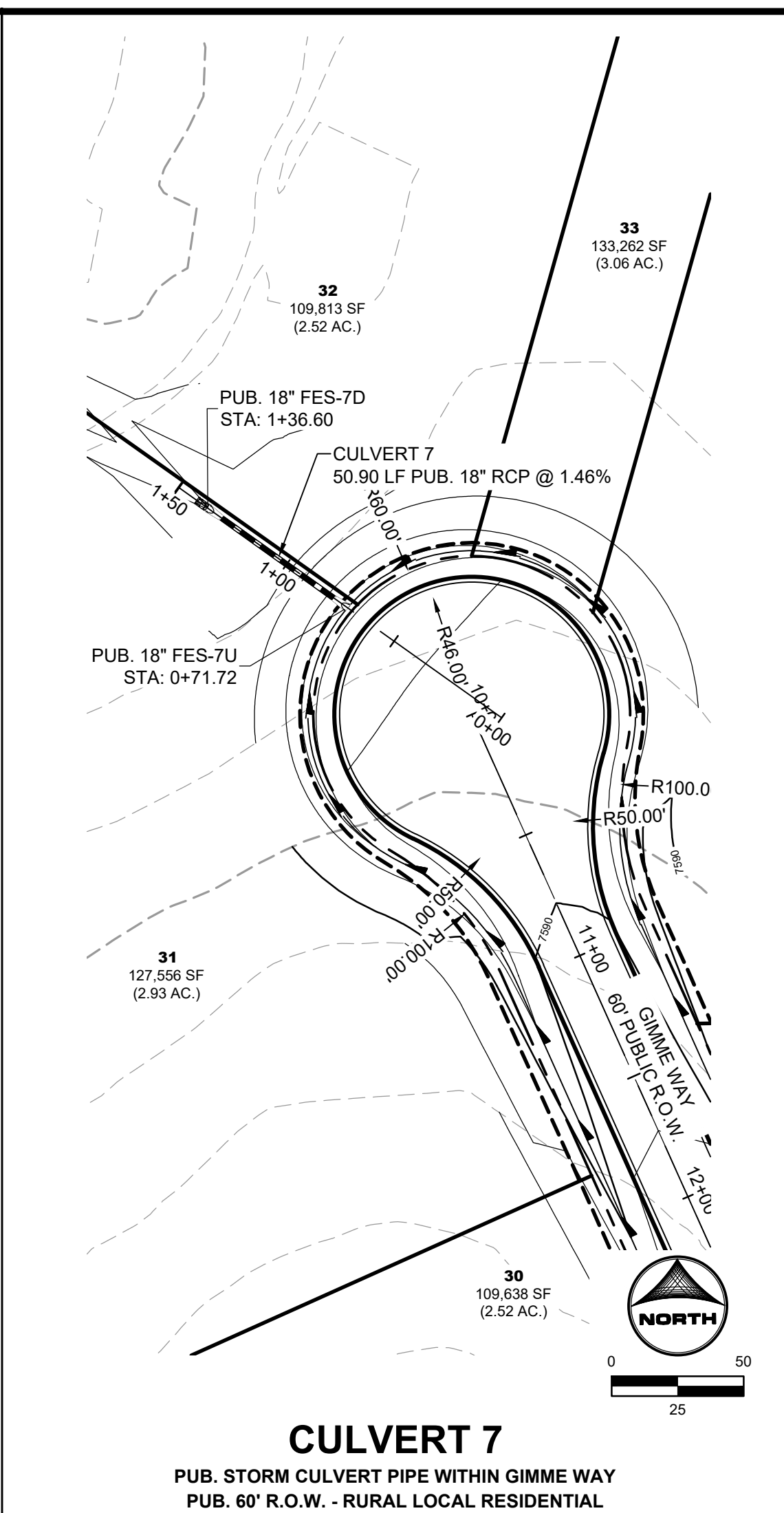
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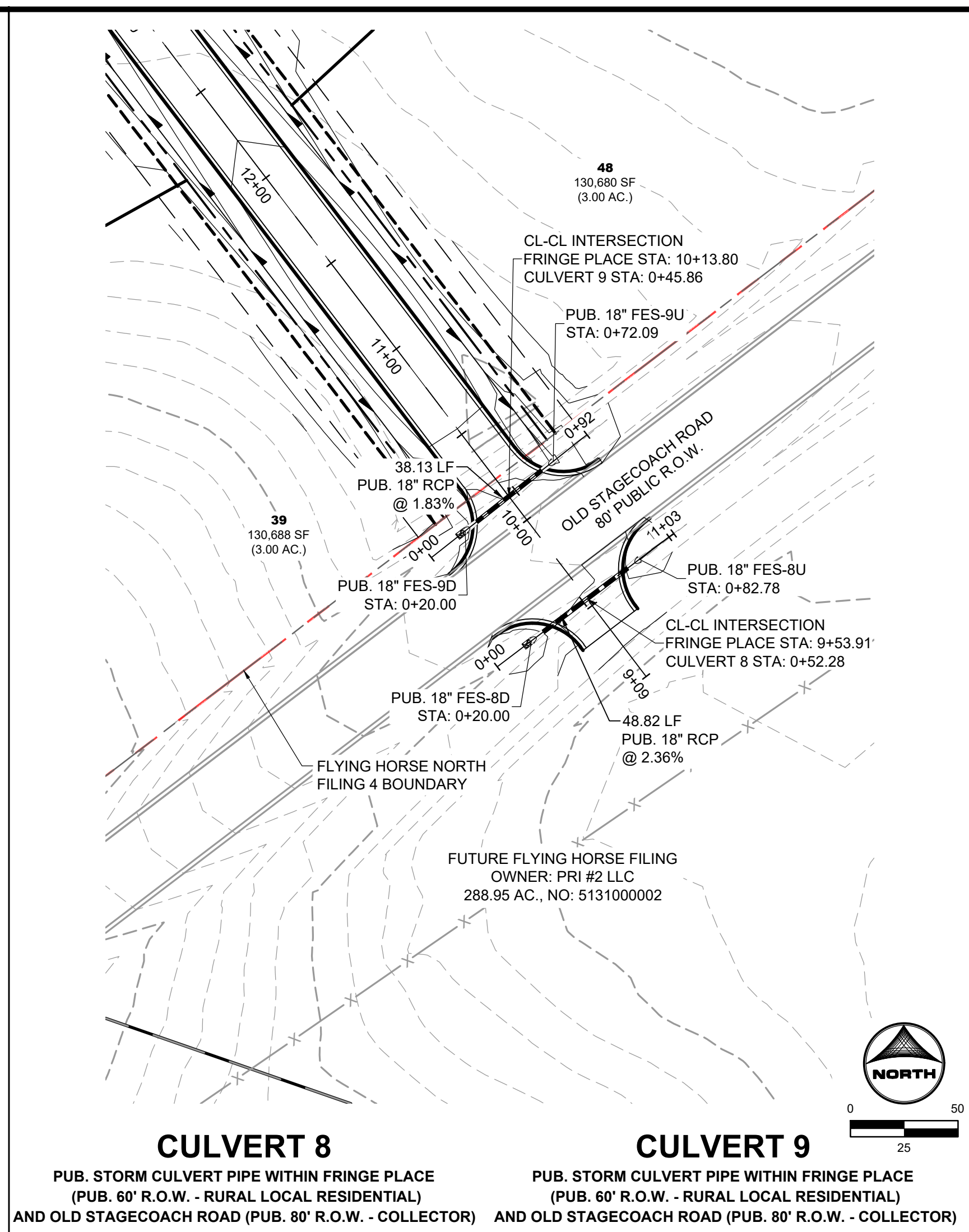
**CULVERT 5**  
PUB. STORM CULVERT PIPE WITHIN RUBBLE DRIVE  
PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL



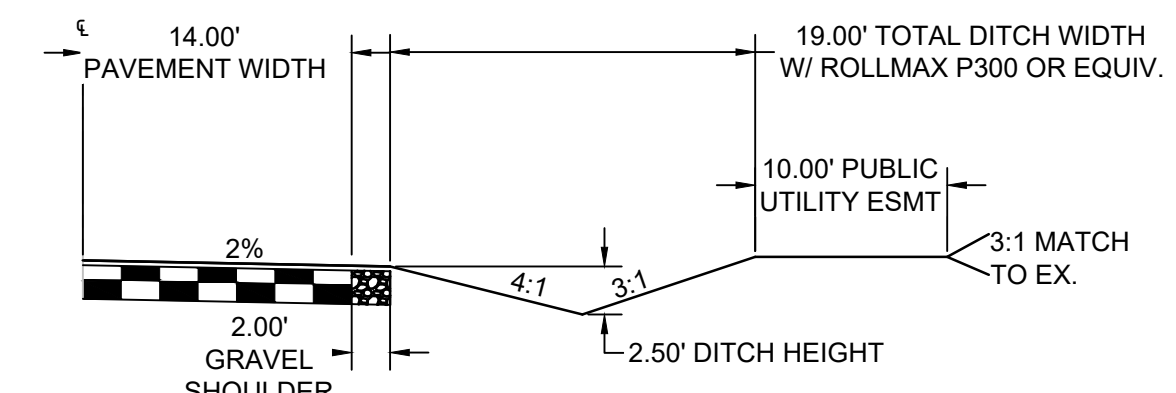
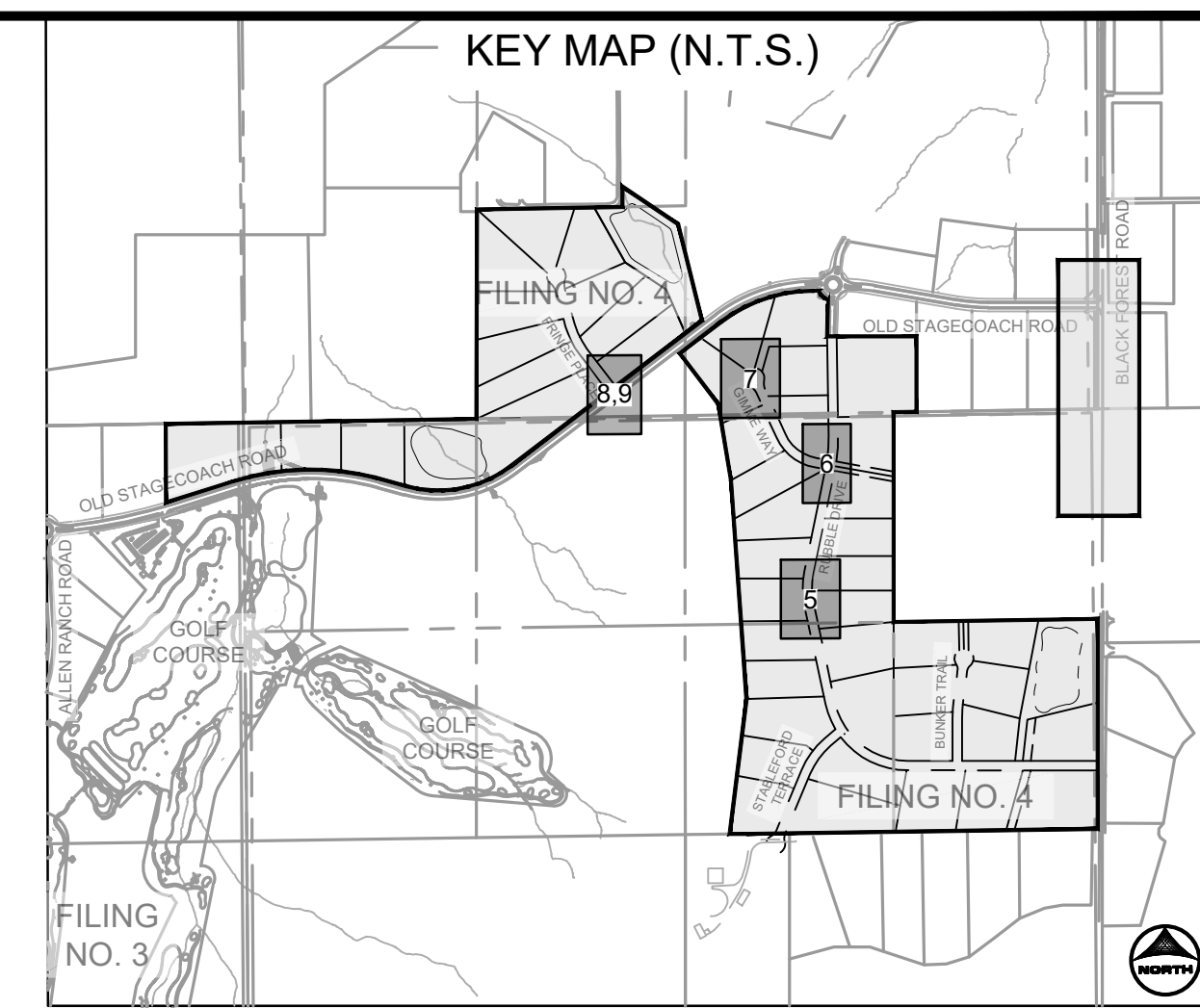
**CULVERT 6**  
PUB. STORM CULVERT PIPE WITHIN  
GIMME WAY AND RUBBLE DRIVE  
PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL



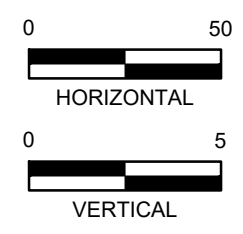
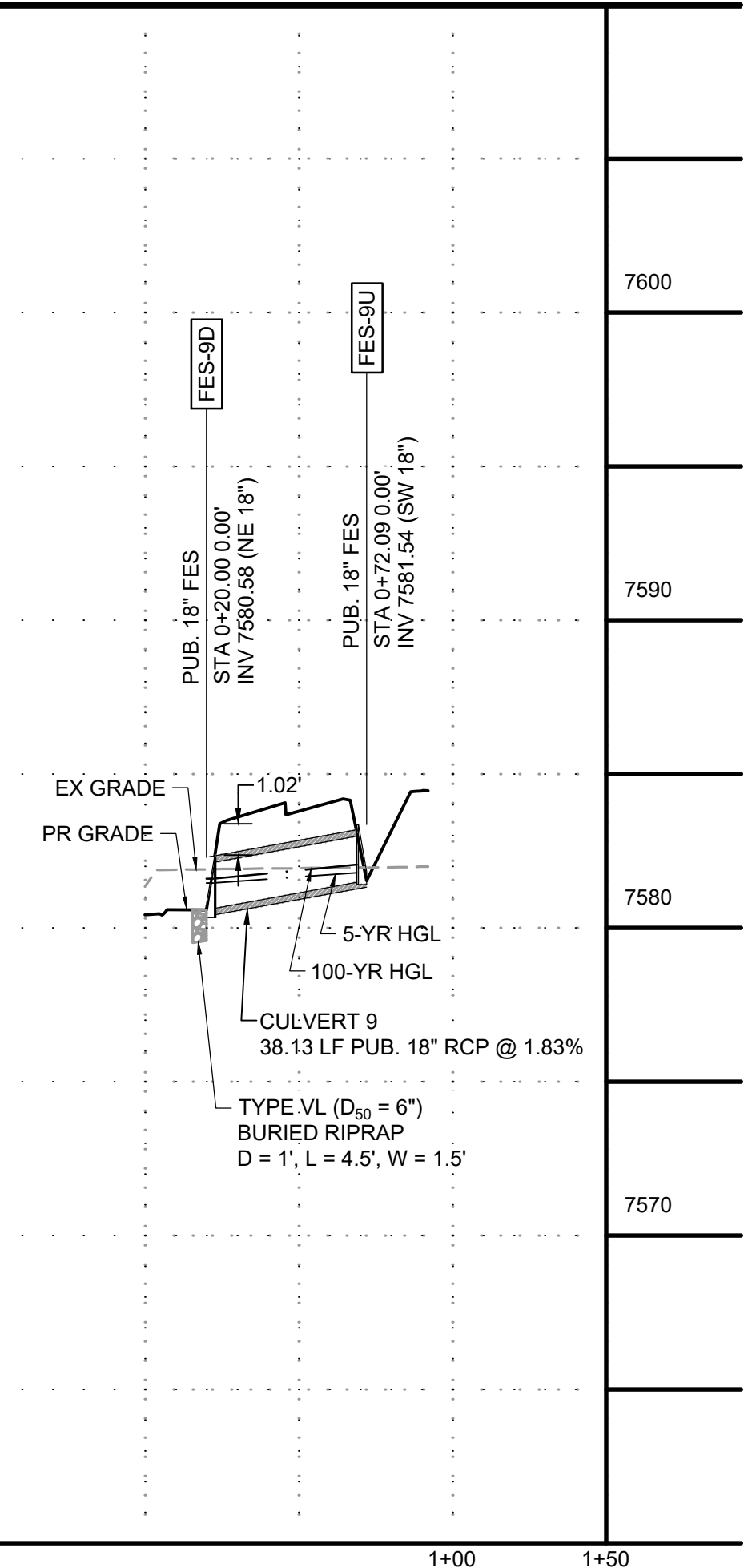
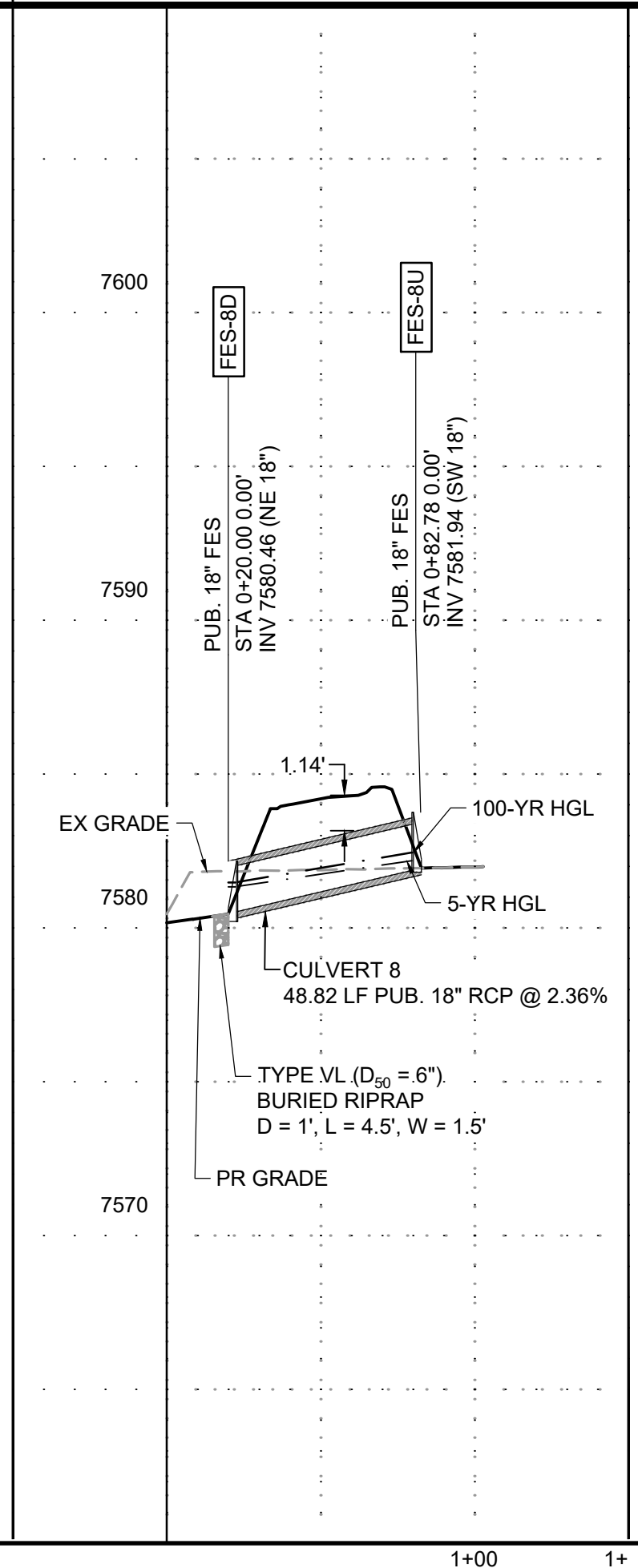
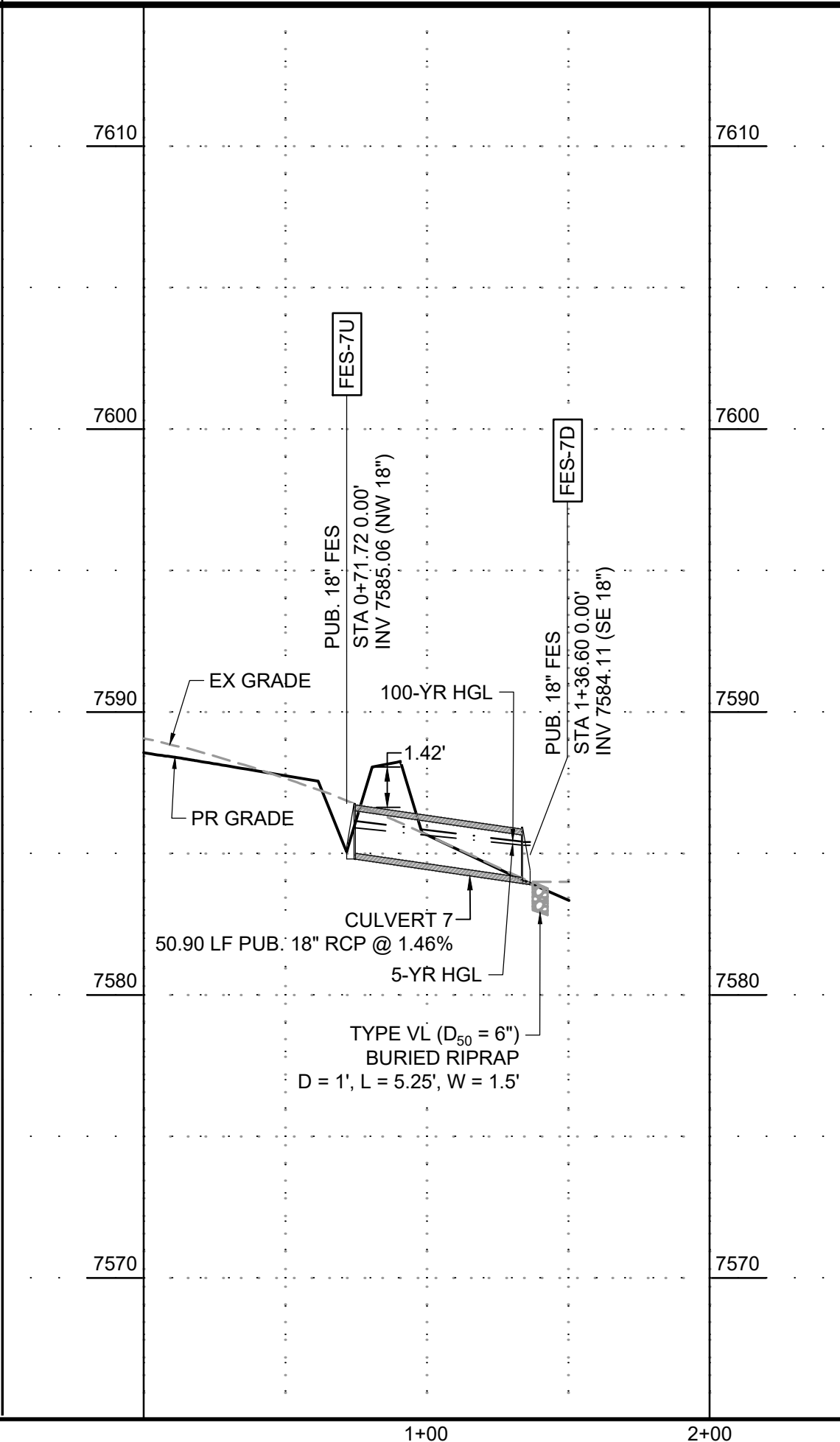
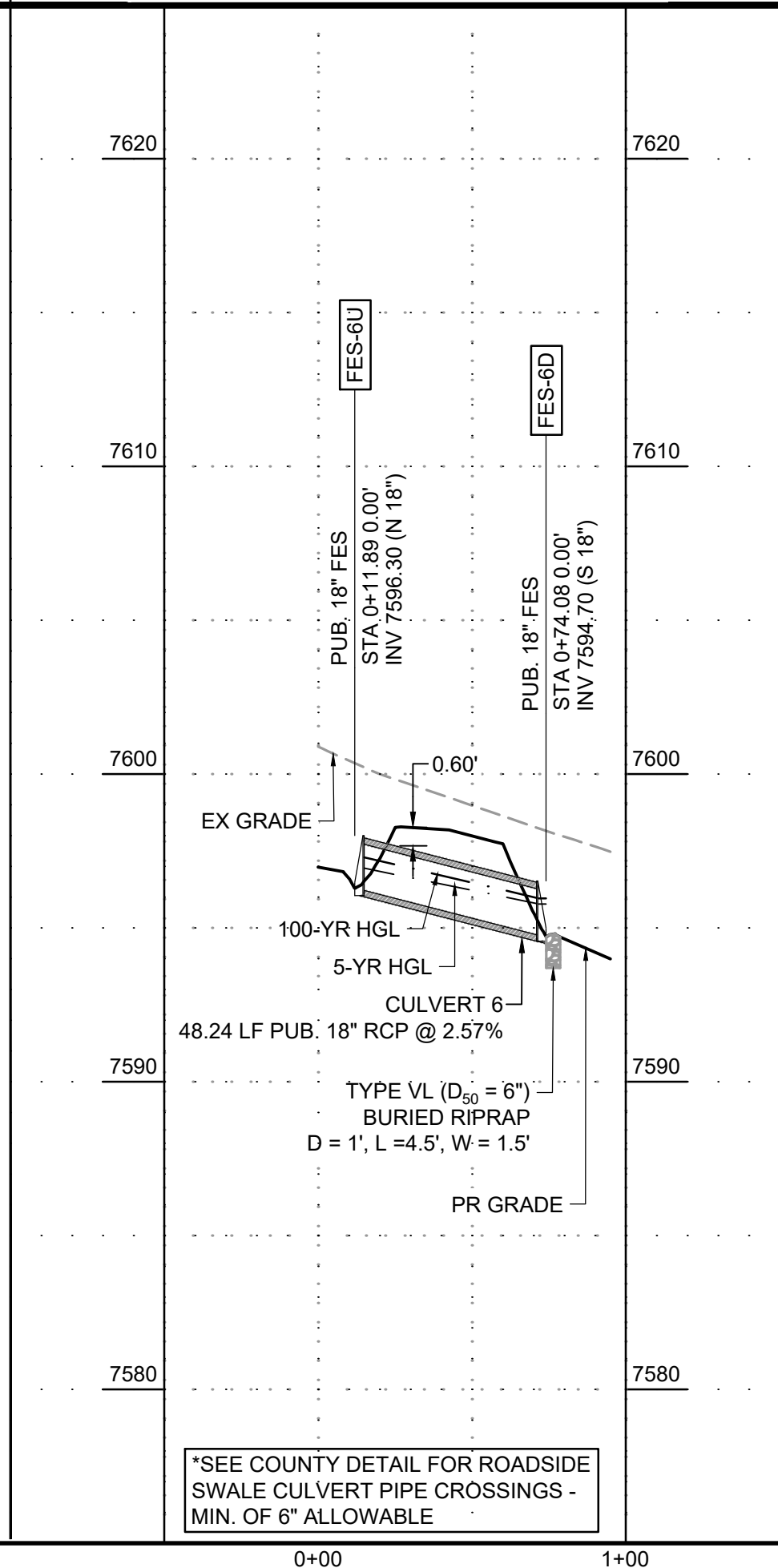
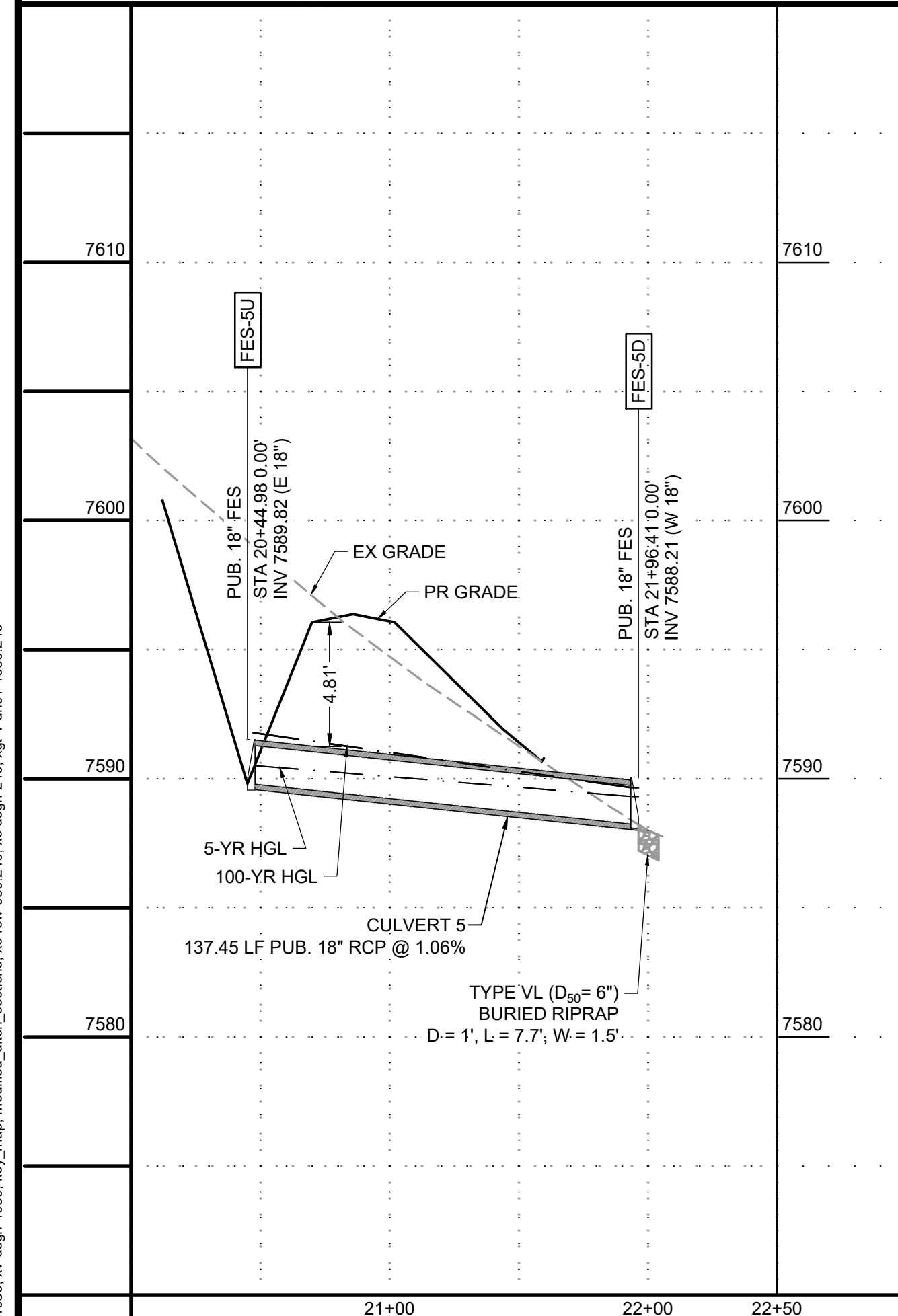
**CULVERT 7**  
PUB. STORM CULVERT PIPE WITHIN GIMME WAY  
PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL



**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)



\*SEE COUNTY DETAIL FOR ROADSIDE SWALE CULVERT PIPE CROSSINGS - MIN. OF 6" ALLOWABLE

DRAWN BY: CMD JOB DATE: 9/16/2024  
APPROVED: RDL JOB NUMBER: 211030.240  
CAD DATE: 9/16/2024  
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

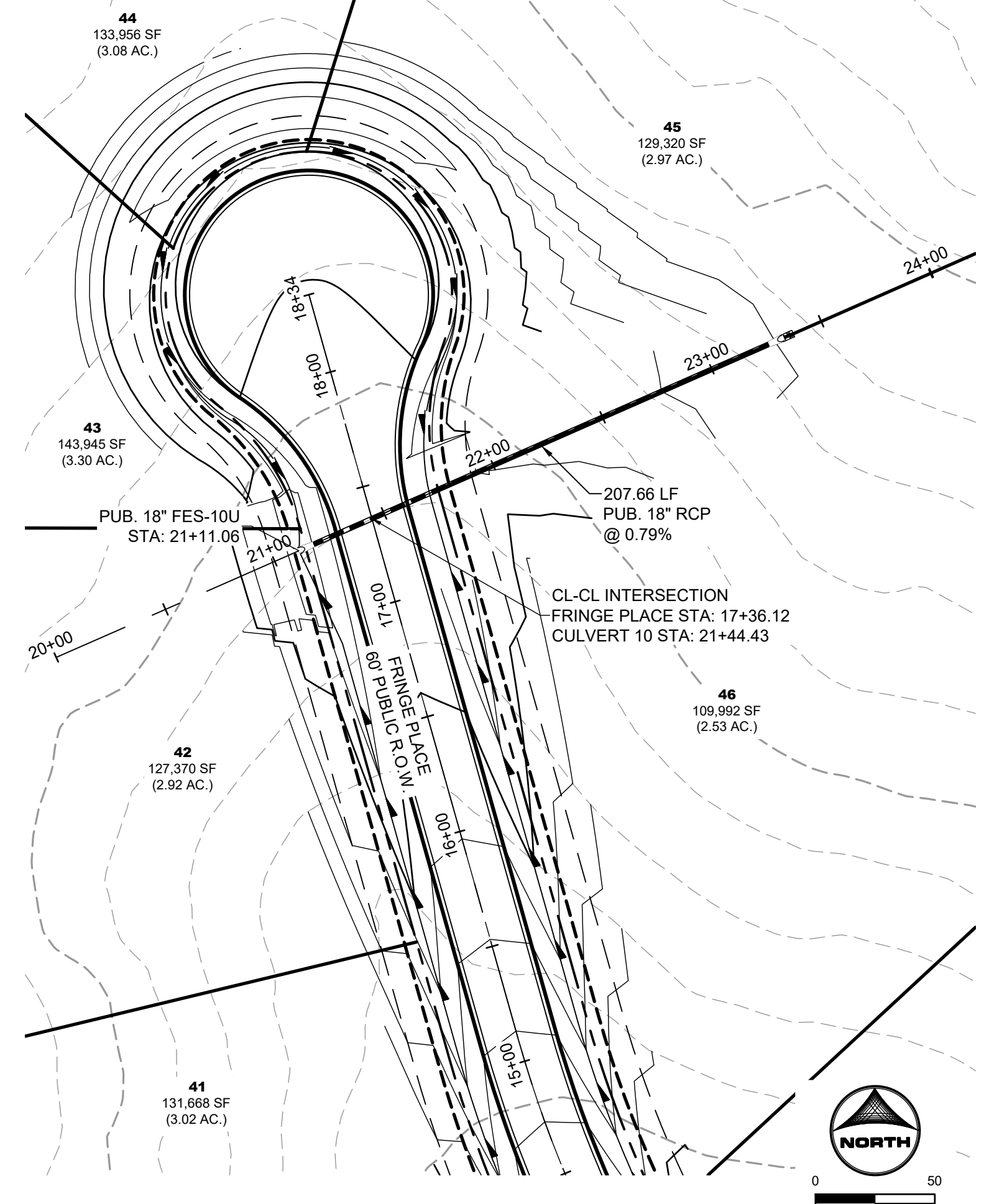
**FLYING HORSE NORTH FILING 4**  
PRI #2, LLC.  
EL PASO COUNTY, CO

**STORM SEWER PLAN & PROFILES**  
**STORM CULVERTS**

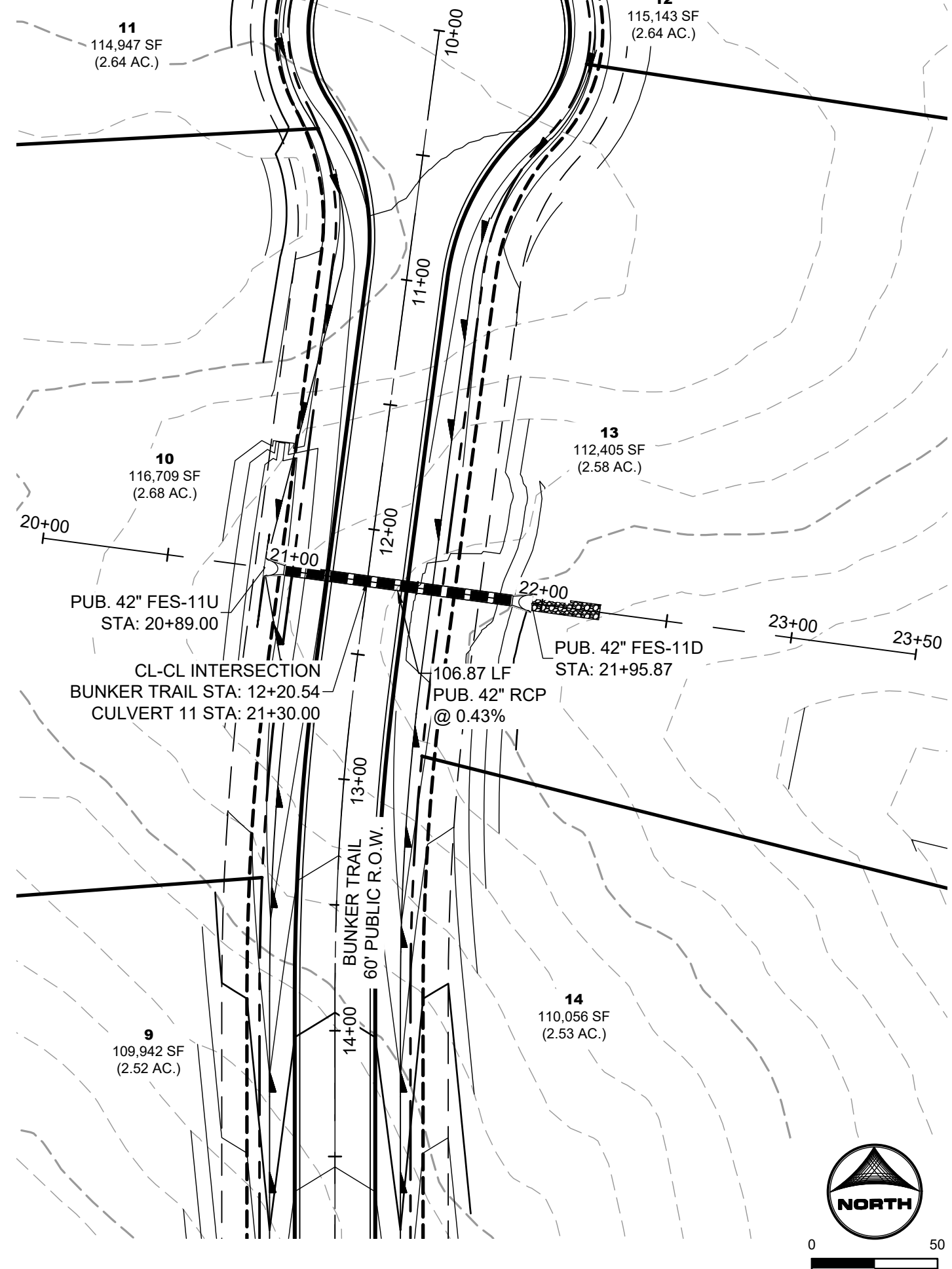
SHEET  
**STM 16**



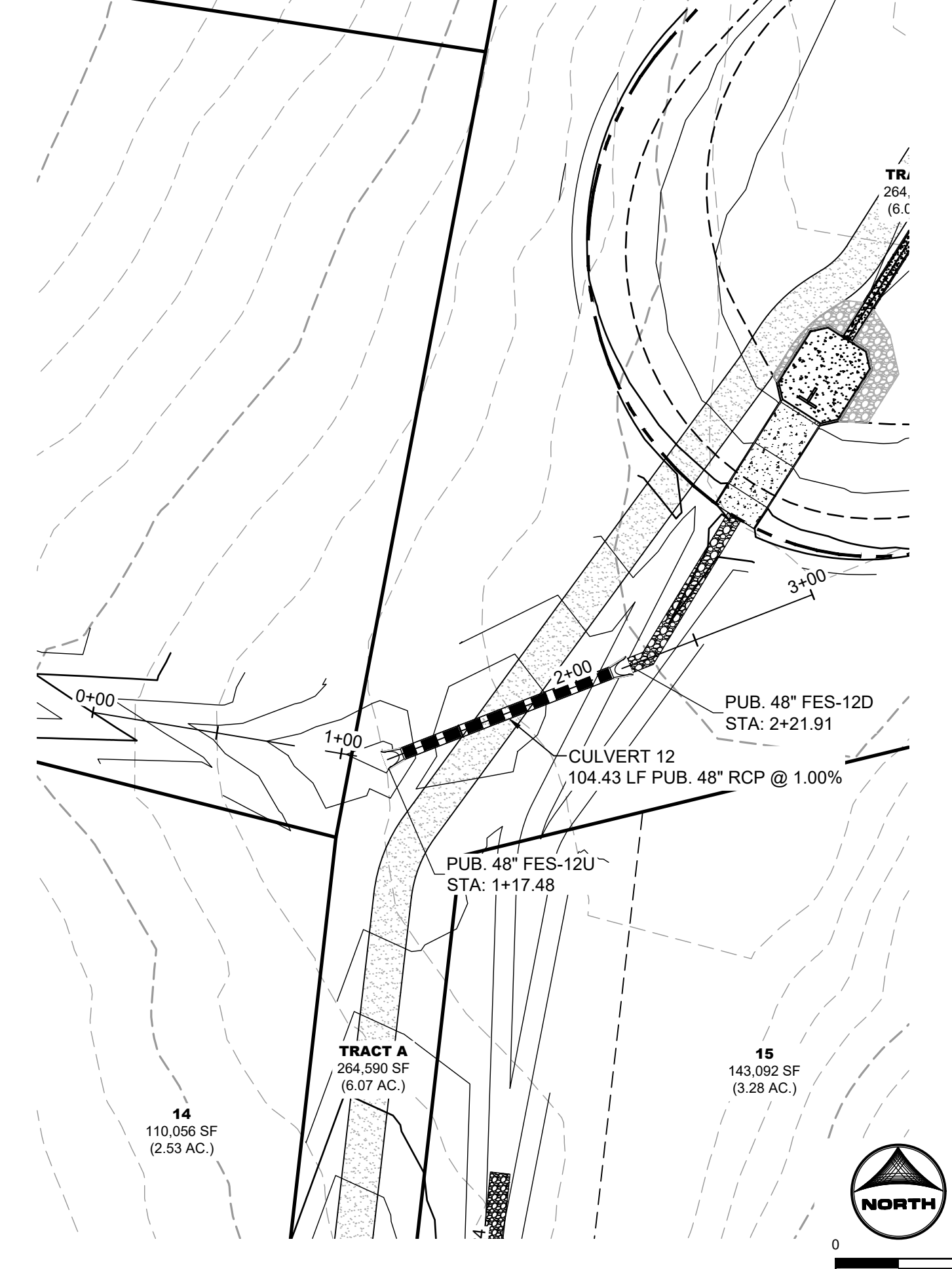
LYON, RICHELIE, 9/19/2024 8:11 AM



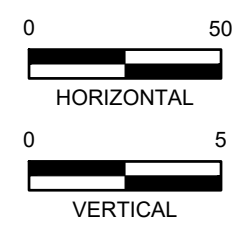
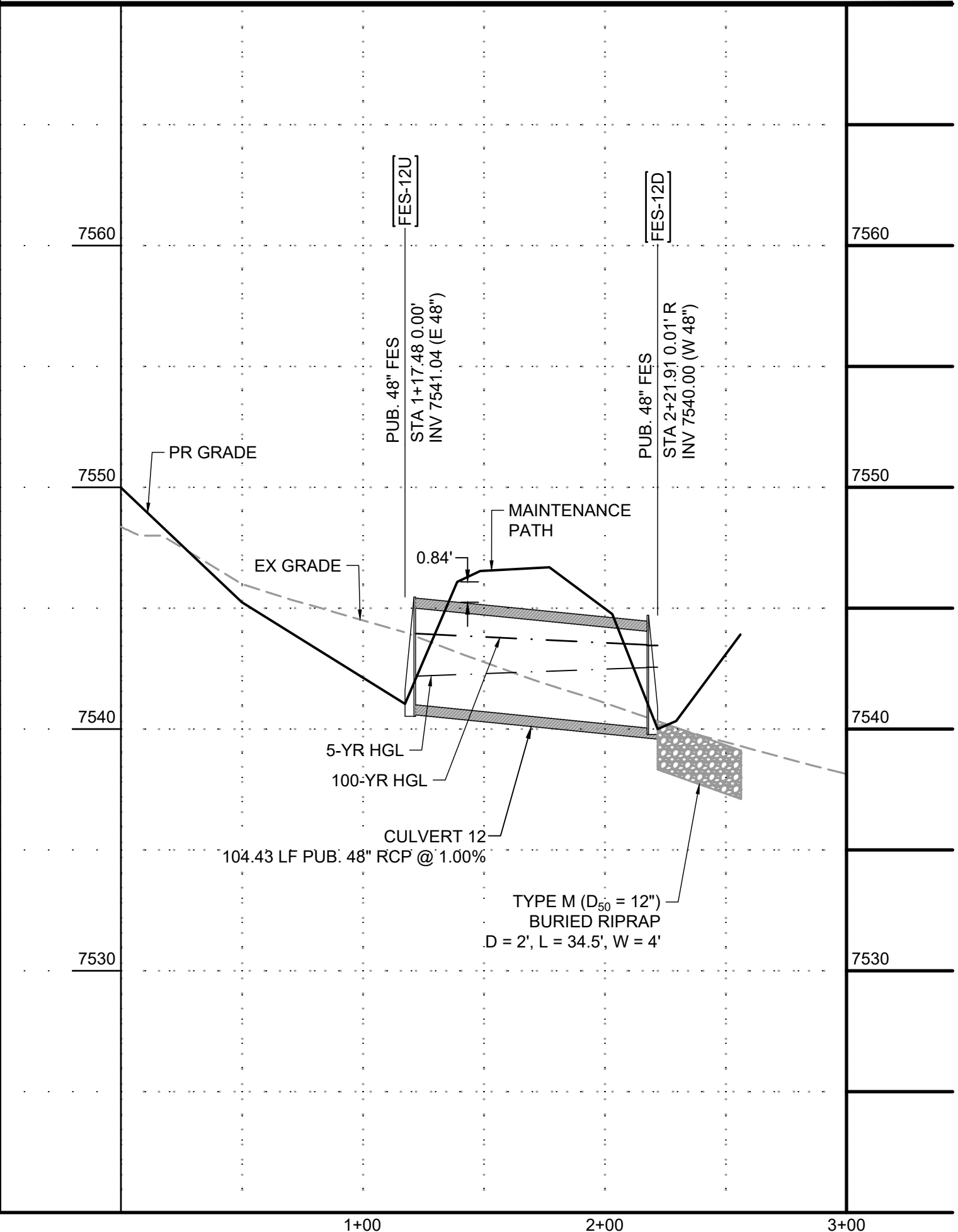
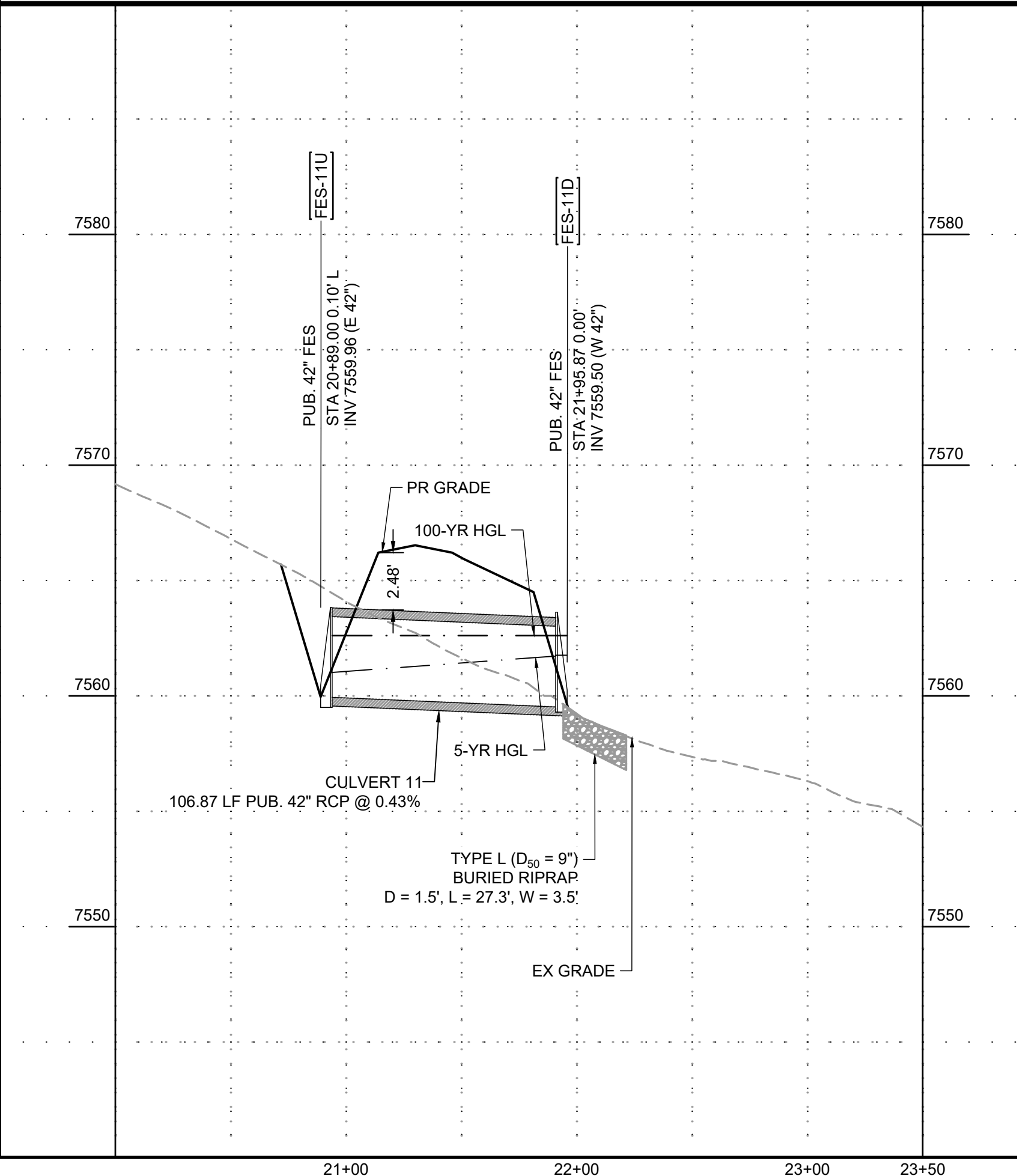
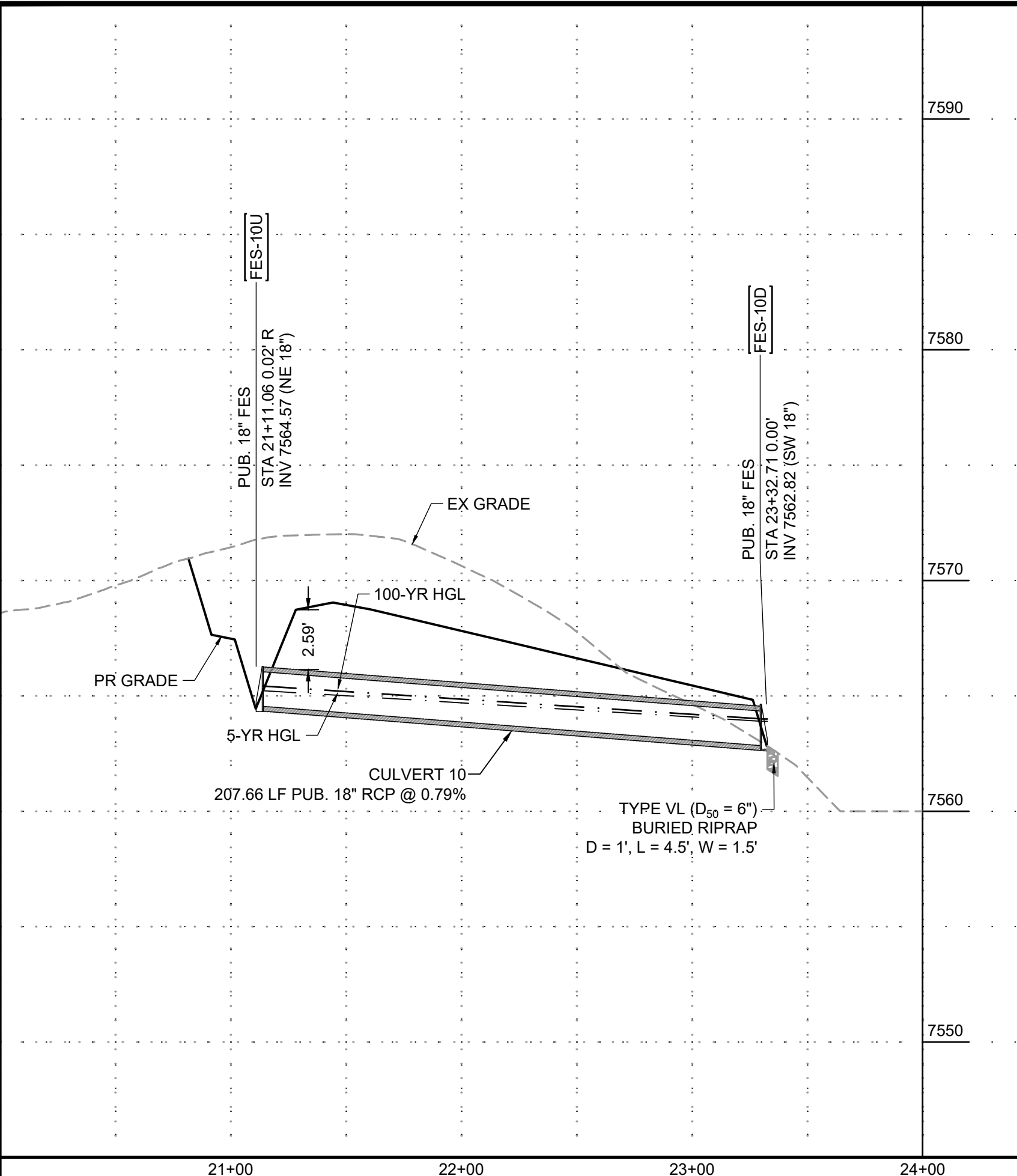
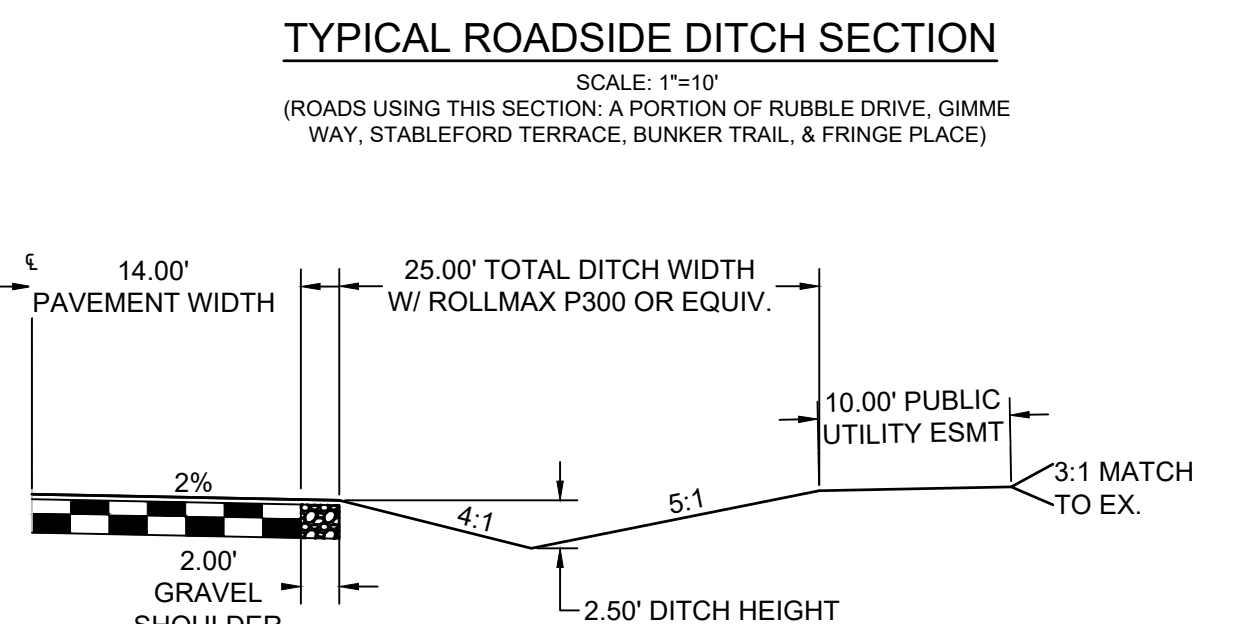
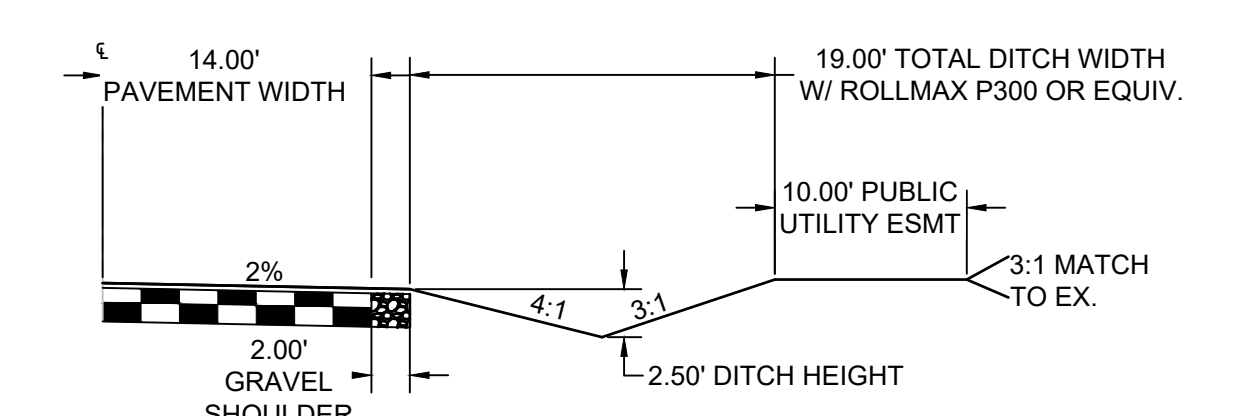
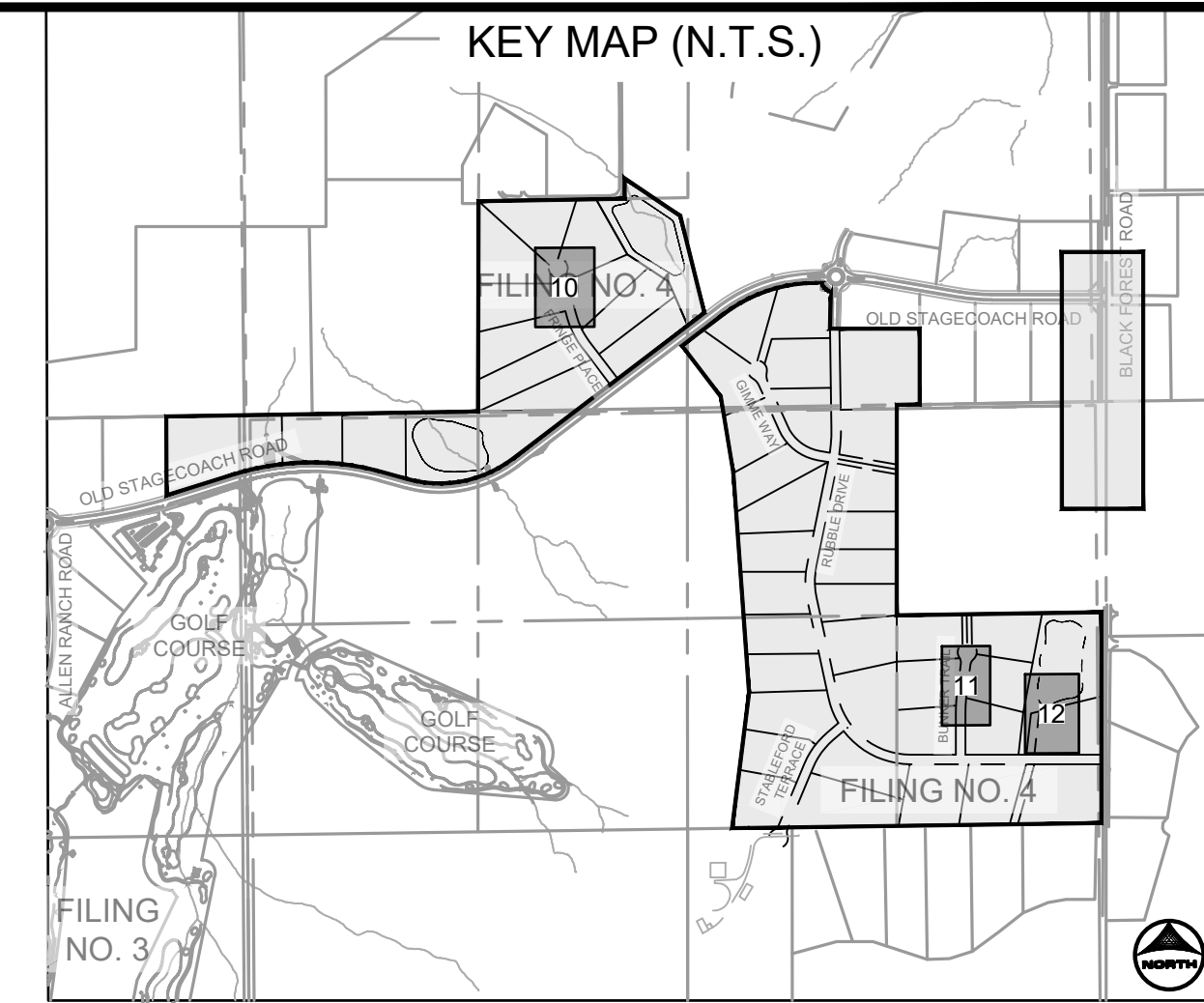
**CULVERT 10**  
 PUB. STORM CULVERT PIPE WITHIN FRINGE PLACE  
 PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL



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



**CULVERT 12**  
 PUB. STORM CULVERT PIPE



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 FAX: 713.965.0044

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 PRI #2, LLC.  
 EL PASO COUNTY, CO

STORM SEWER PLAN & PROFILES  
 STORM CULVERTS

SHEET  
**STM**  
 17

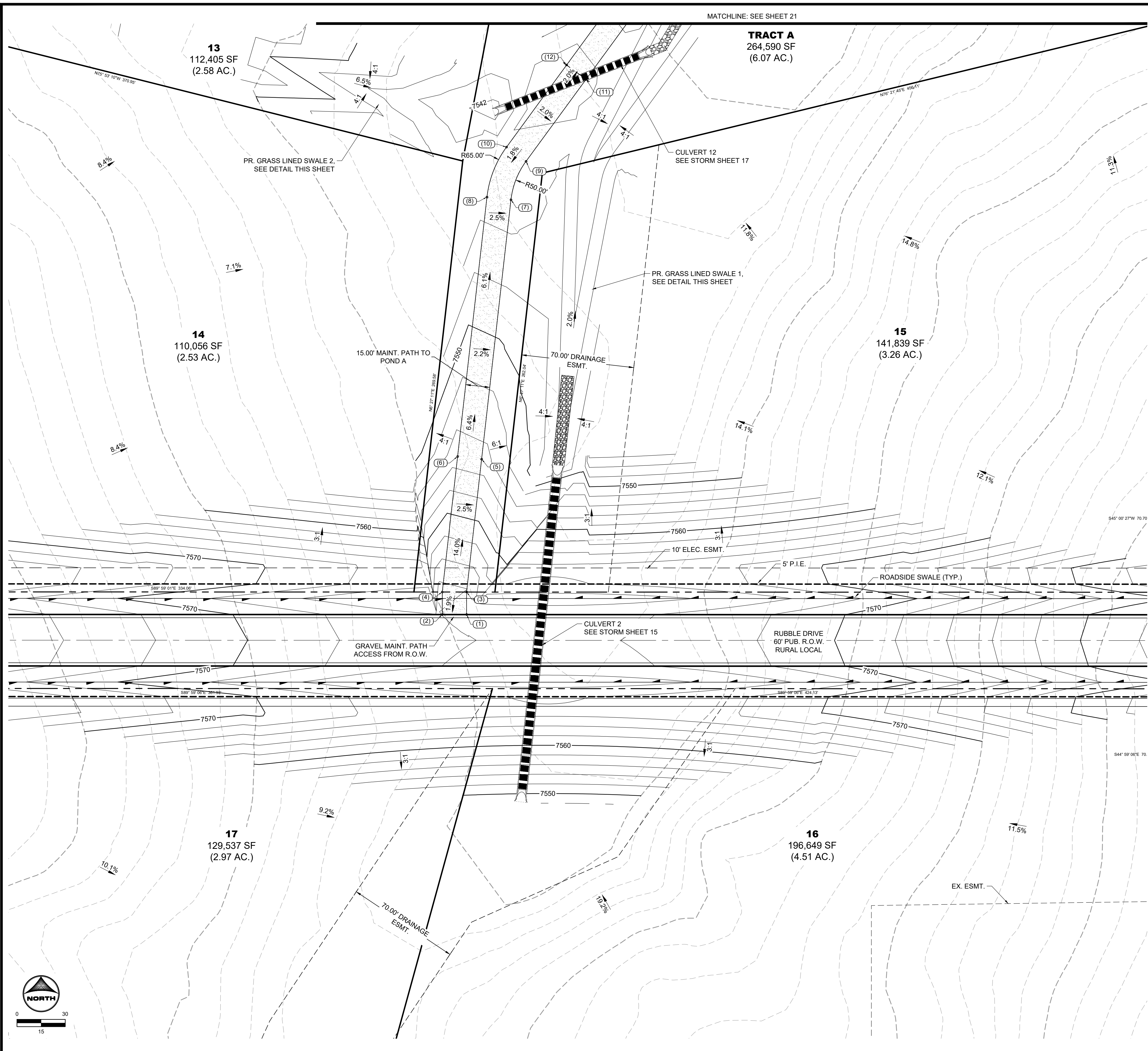
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PCD FILE NO.: SF####





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 DRAWN BY: CMD JOB DATE: 9/16/24 BAR IS ONE INCH ON OFFICIAL DRAWINGS.  
 APPROVED: RDL JOB NUMBER: 211030.240 0" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.  
 CAD DATE: 8/19/2024  
 CAD FILE: J:\2021\211030\CAD\DWG\C\Filing\_No\_4\Pond\_A\_Grading



MATCHLINE: SEE SHEET 21

**TRACT A**  
264,590 SF  
(6.07 AC.)

**13**  
112,405 SF  
(2.58 AC.)

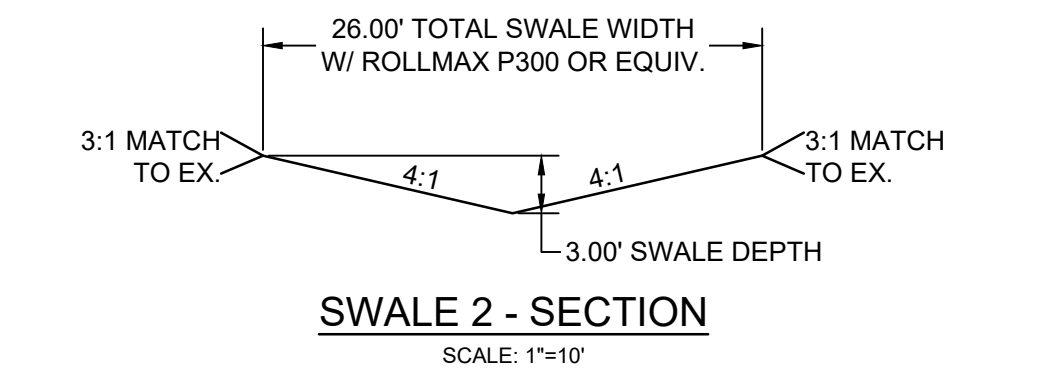
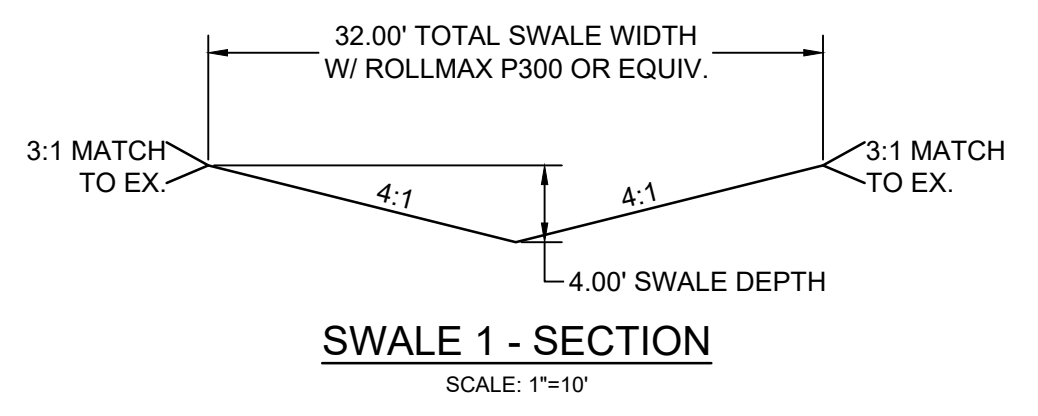
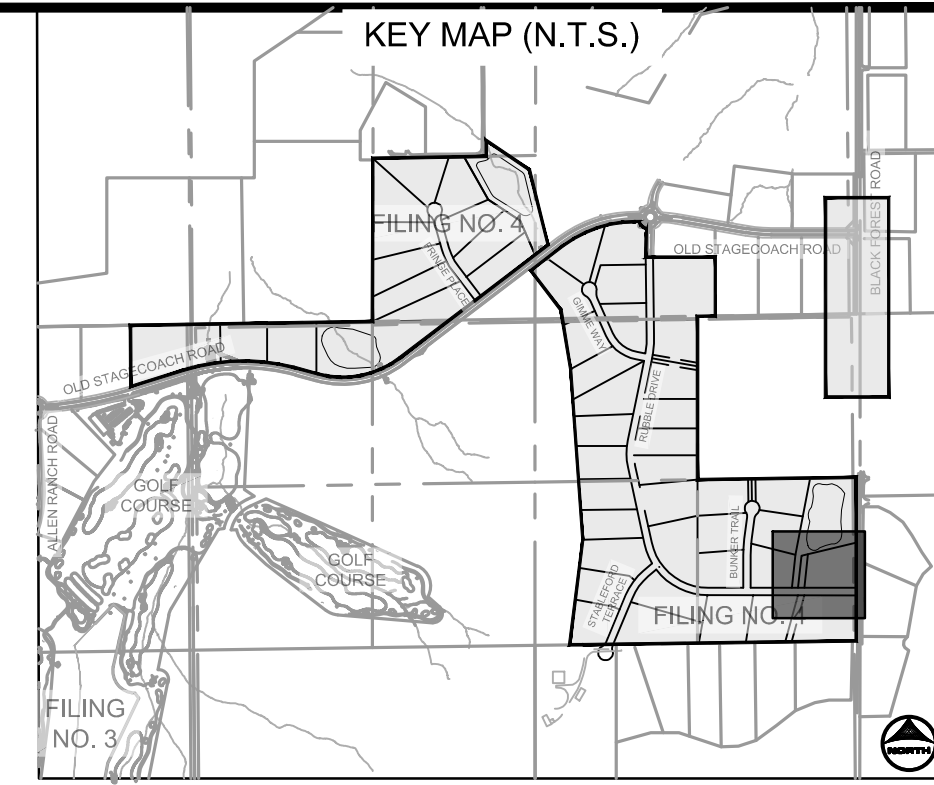
**14**  
110,056 SF  
(2.53 AC.)

**15**  
141,839 SF  
(3.26 AC.)

**17**  
129,537 SF  
(2.97 AC.)

**16**  
196,649 SF  
(4.51 AC.)

POINT TABLE		
No.	DESC.	NORTHING & EASTING ELEV
(1)	Begin Maint. Road	N: 444988.57 E: 227888.54 7565.66
(2)	Begin Maint. Road	N: 444988.57 E: 227873.44 7565.99
(3)	Maint. Road	N: 444882.57 E: 227873.44 7565.97
(4)	Maint. Road	N: 444882.57 E: 227873.45 7566.23
(5)	Maint. Road	N: 444965.10 E: 227882.97 7554.65
(6)	Maint. Road	N: 444965.79 E: 227897.88 7554.95
(7)	Maint. Road	N: 445126.31 E: 227916.11 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

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

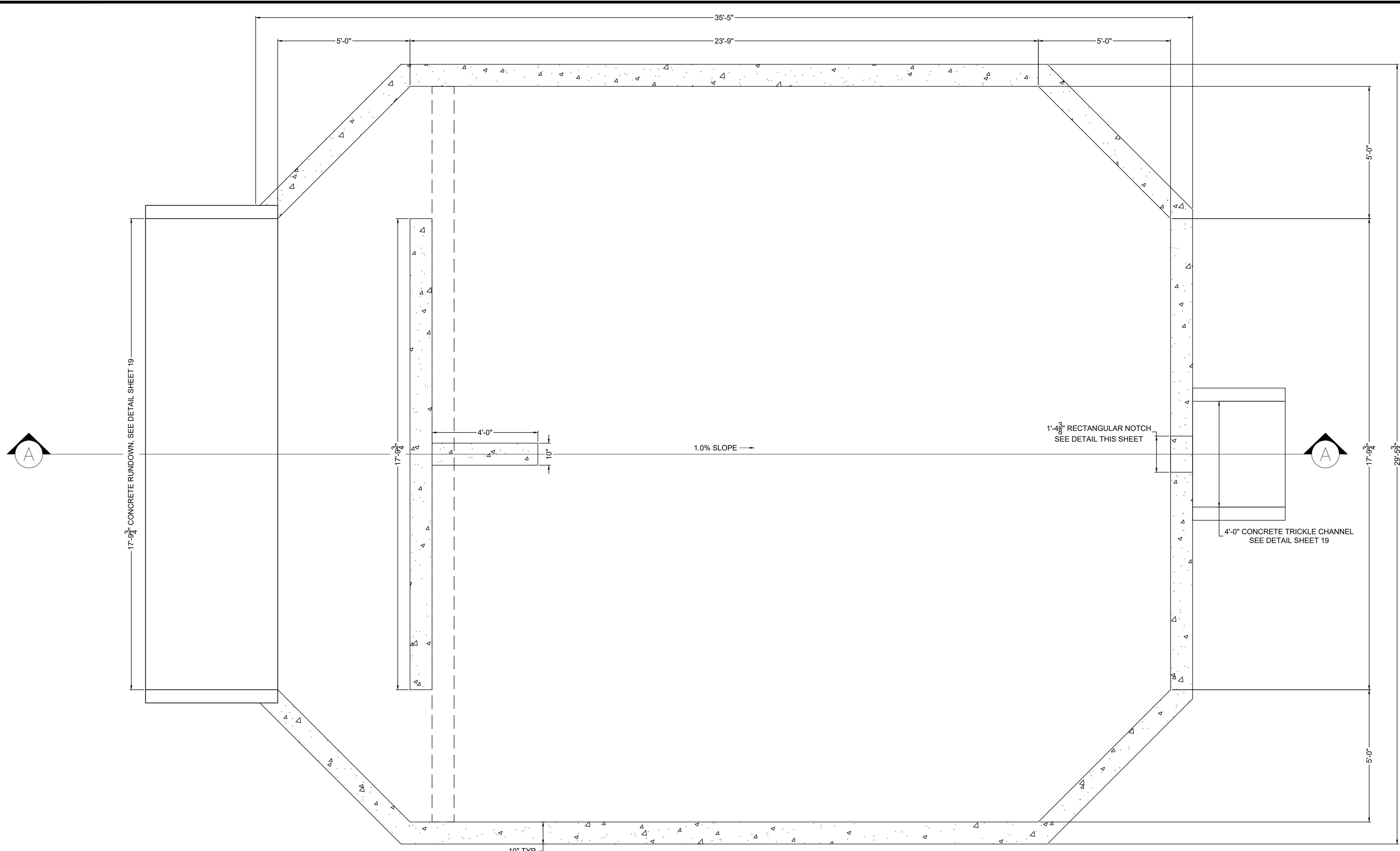
**FLYING HORSE NORTH FILING 4**  
**PRI #2, LLC.**  
 EL PASO COUNTY, CO

DRAINAGE DETAILS  
 POND A GRADING PLAN

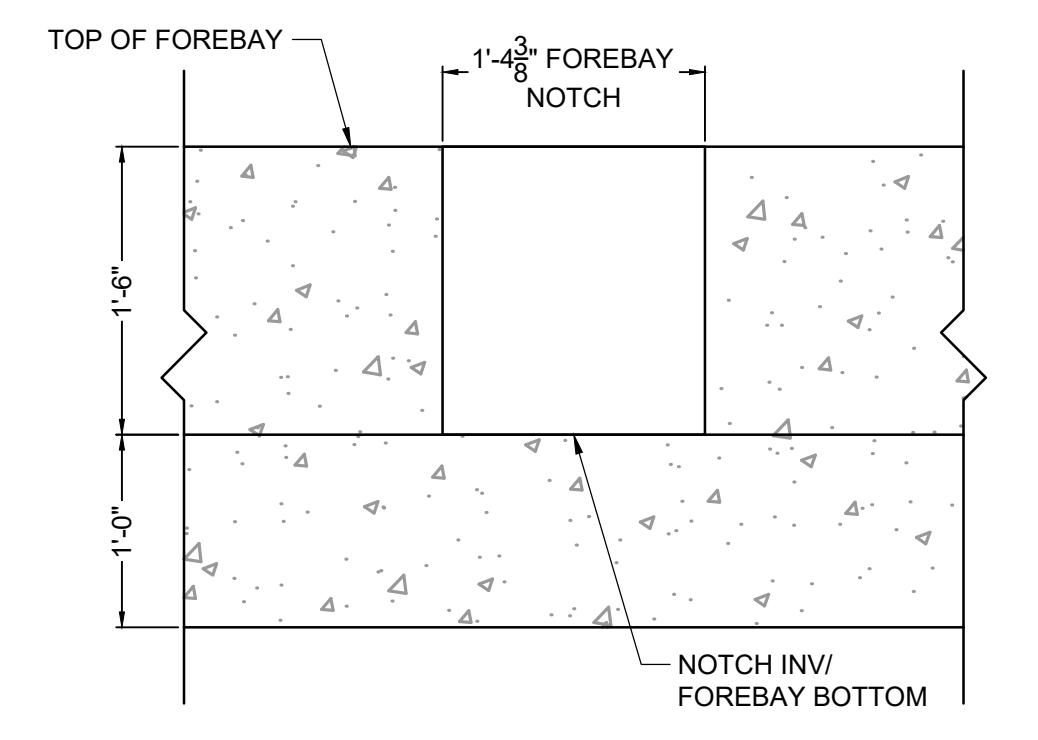
SHEET  
**PND**  
**20**

PCD FILE NO.: SF####

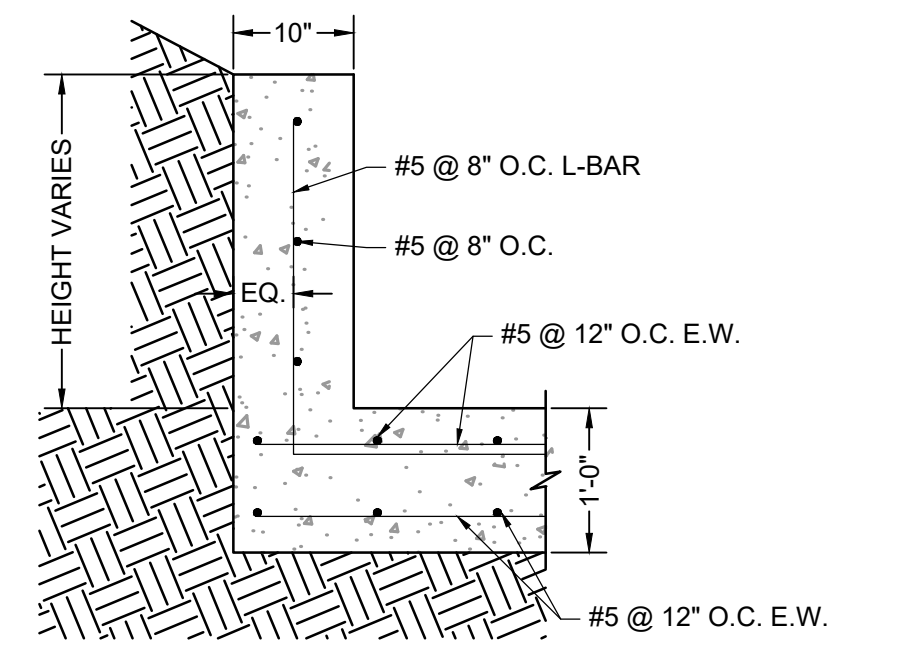




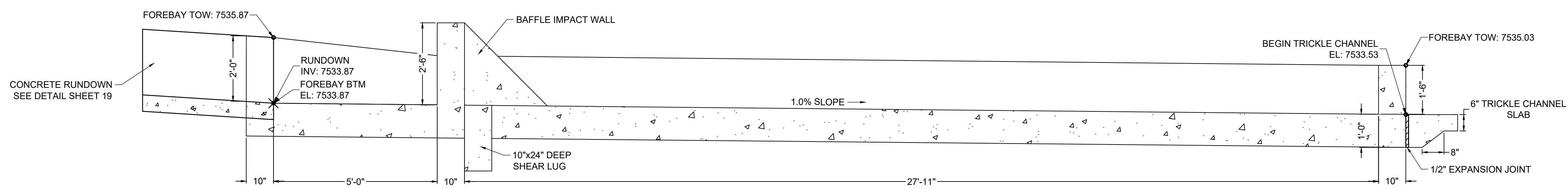
PLAN VIEW  
FOREBAY A  
SCALE: 1"=2'



FOREBAY A NOTCH DETAIL  
SCALE: NTS



ELEVATION VIEW  
FOREBAY WINGWALL REINFORCING DETAIL  
SCALE: NTS



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

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APPROVED: RDL	JOB NUMBER: 211030.240	
CAD DATE: 8/22/2024		
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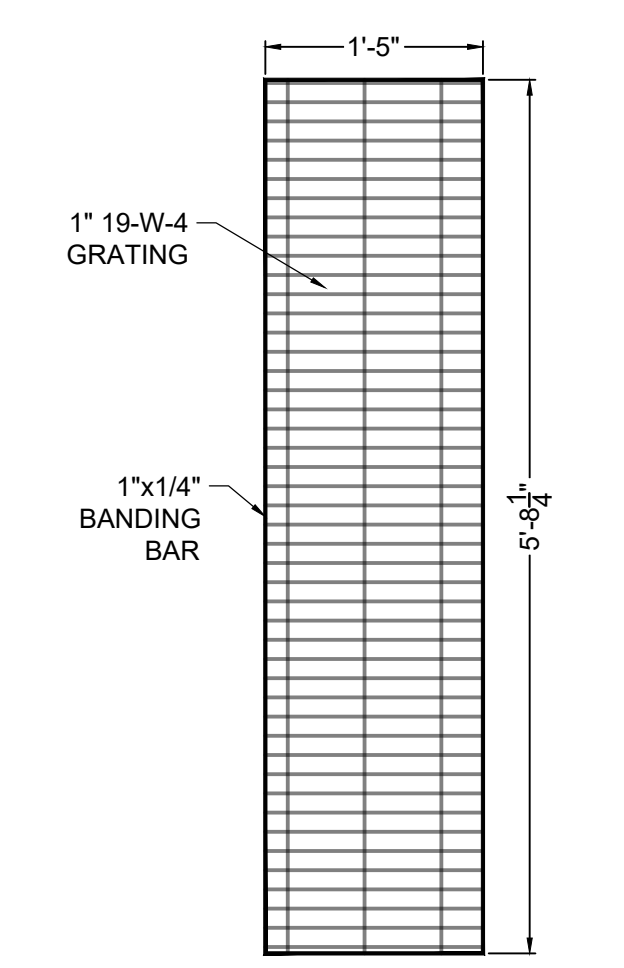
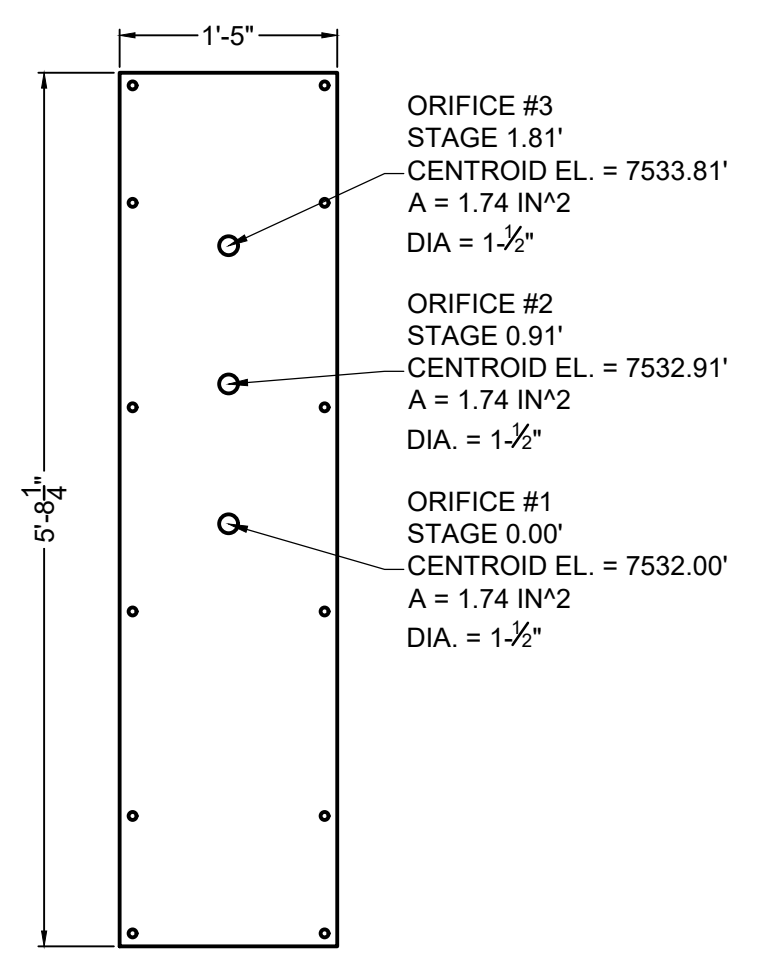
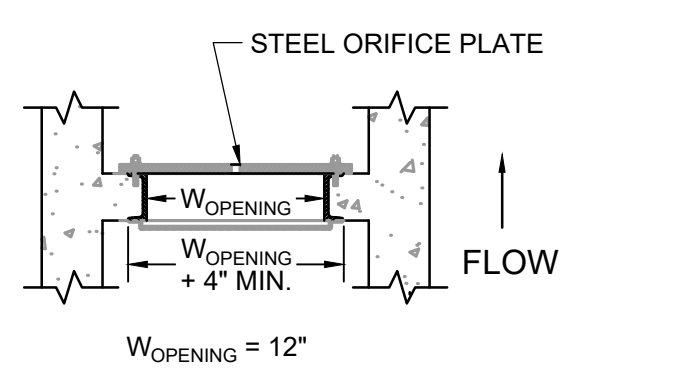
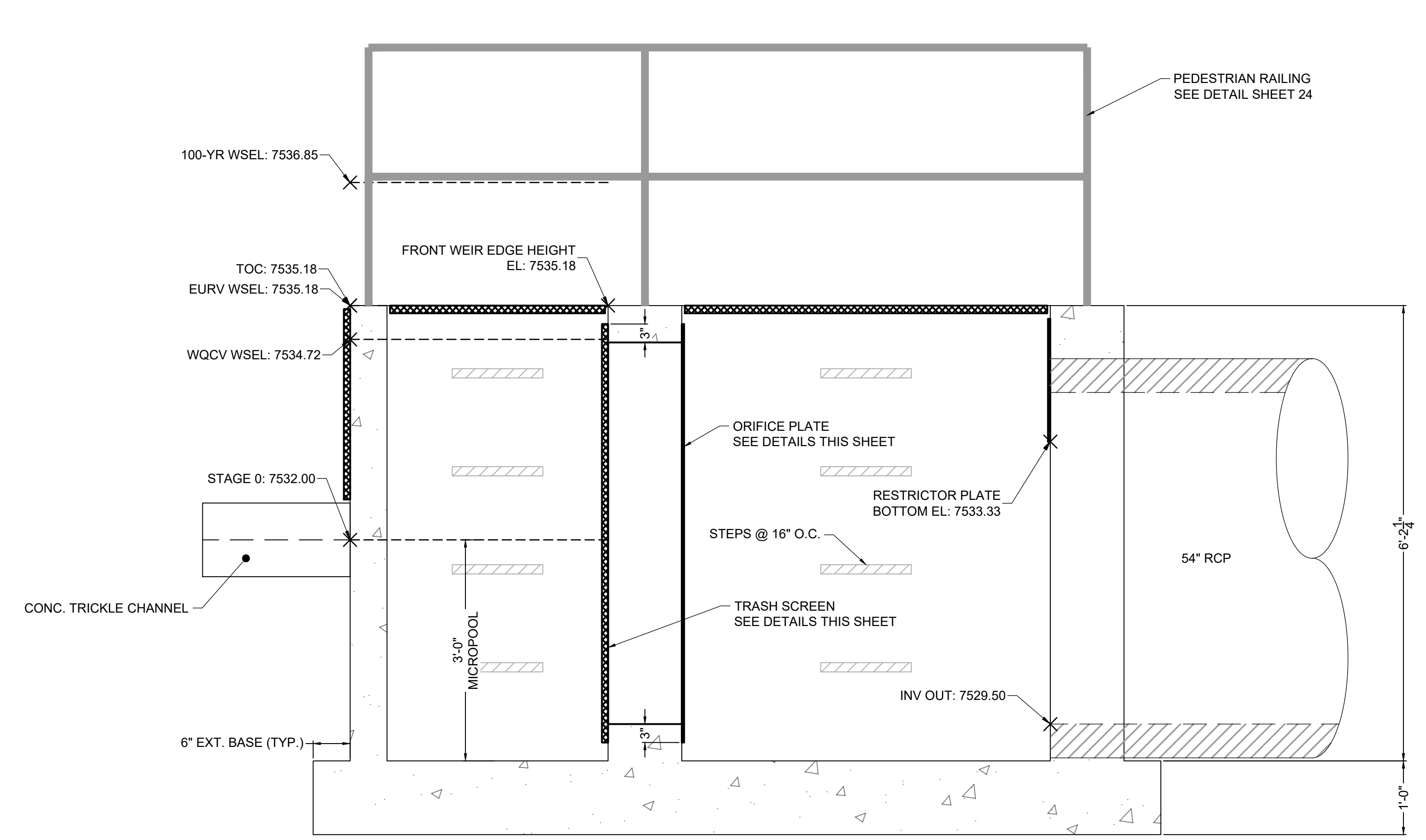
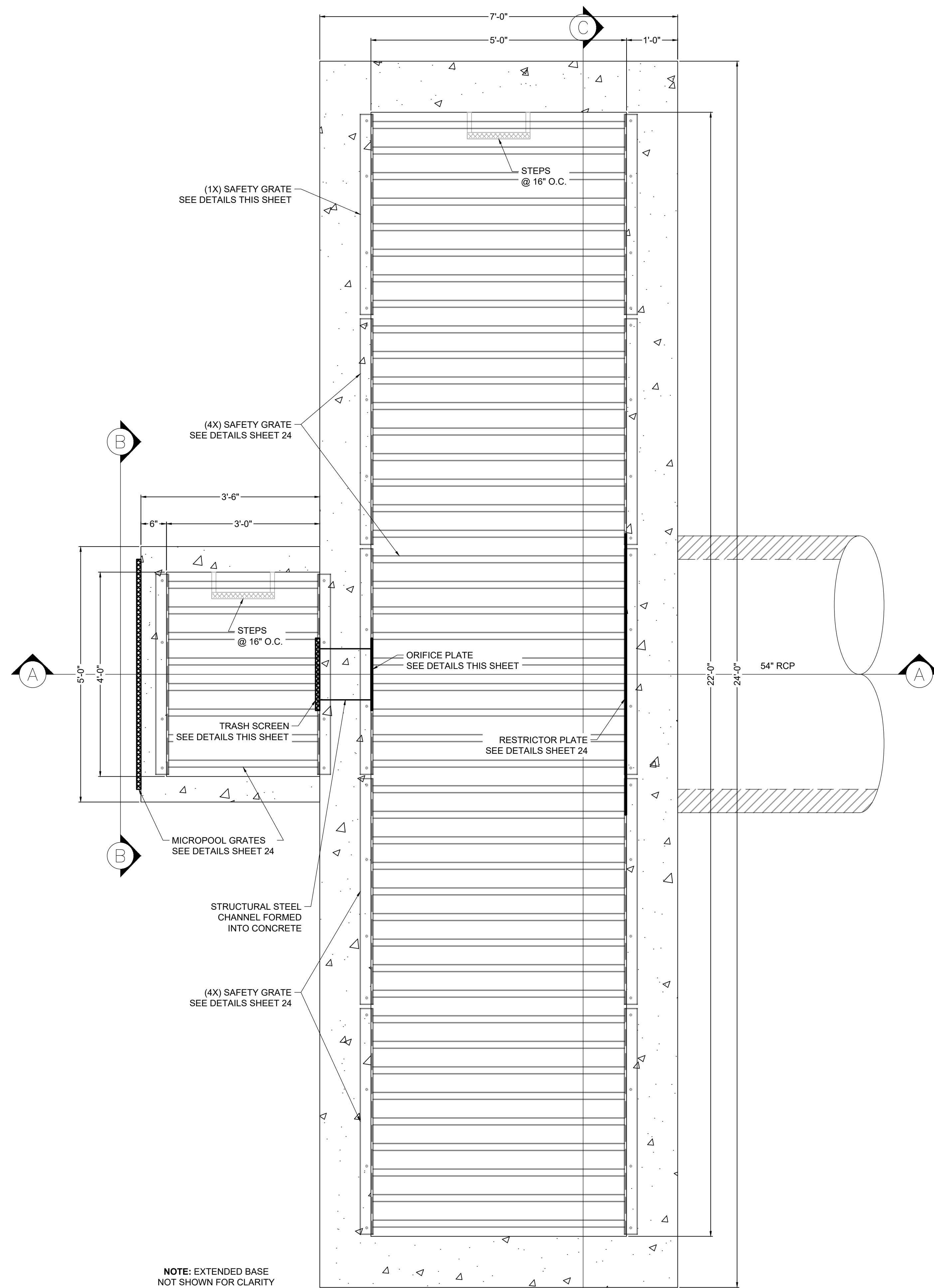
NO.	DATE	BY	REVISION DESCRIPTION

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

POND DETAILS  
 POND A FOREBAY

SHEET  
 PND  
 22

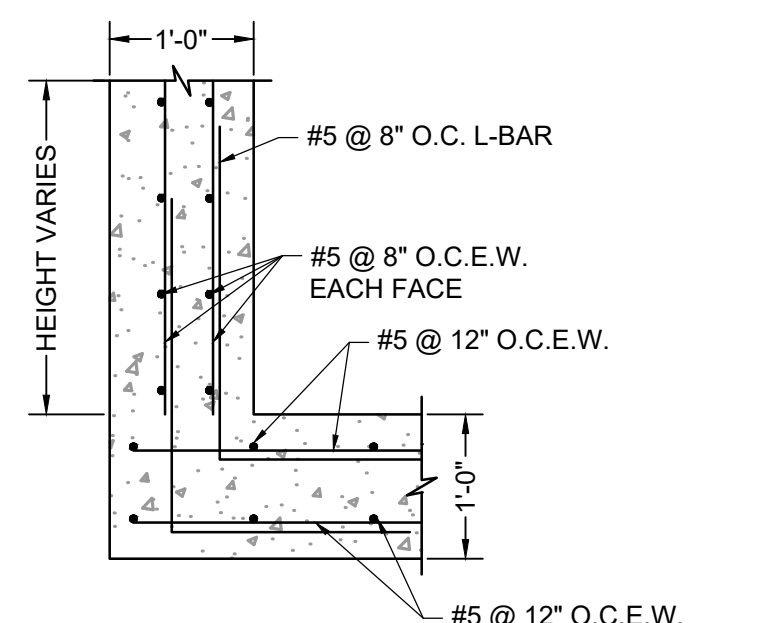


**TRASH SCREEN NOTES:**

1. TRASH SCREEN SHALL BE STEEL 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 1/8" 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.



NOTE: EXTENDED BASE NOT SHOWN FOR CLARITY

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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\DWG\C\Filing_No_4\Outlet_Structure_Details		

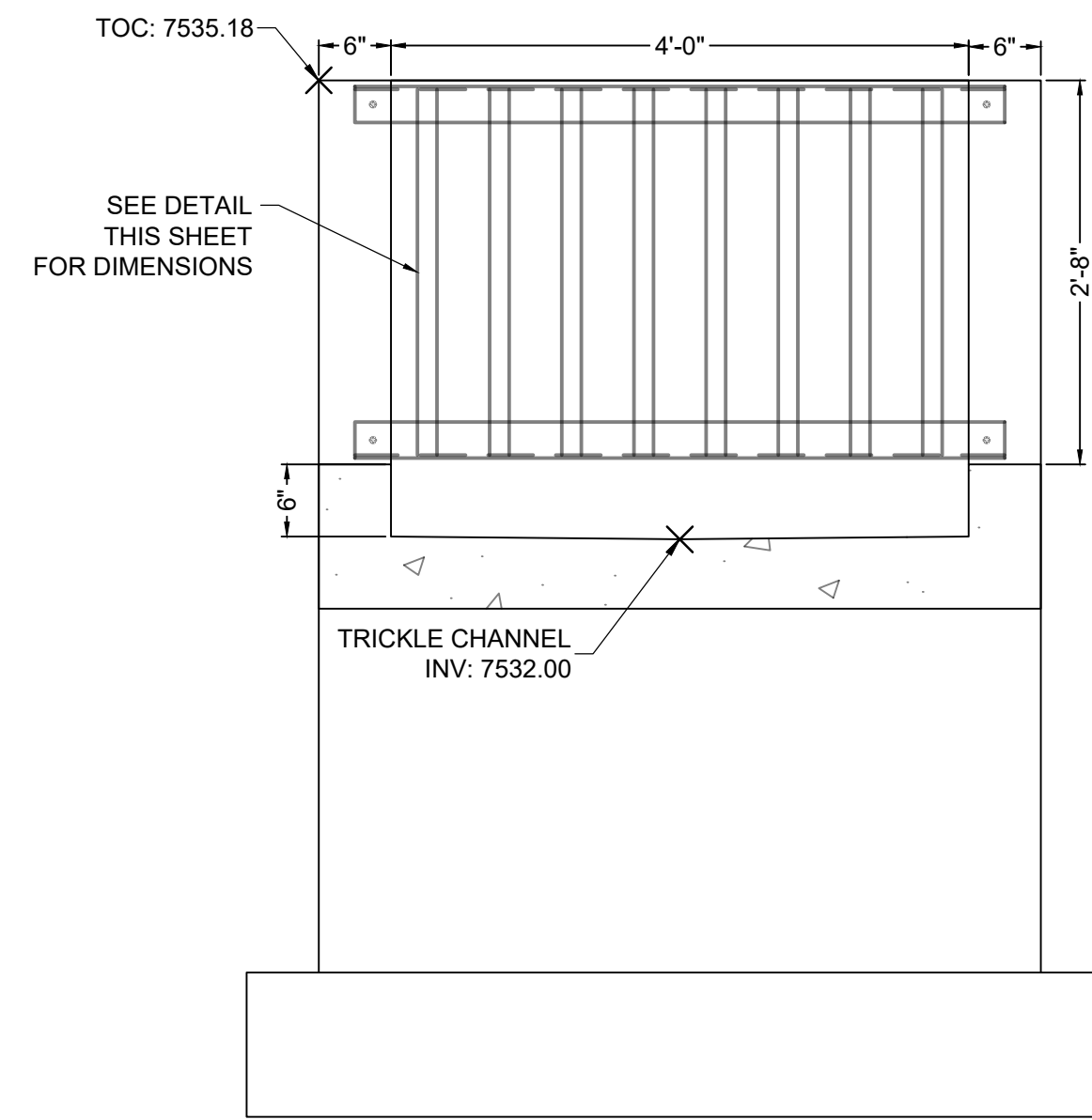
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**HRGreen**  
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 1975 RESEARCH PARKWAY SUITE 160  
 COLORADO SPRINGS, CO 80920  
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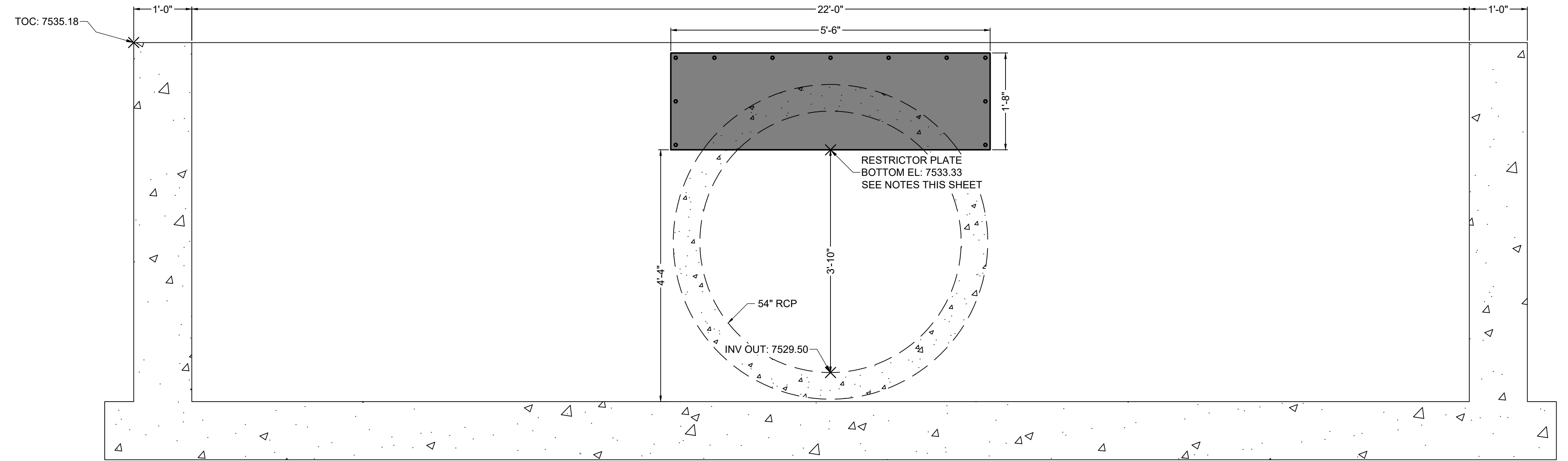
FLYING HORSE NORTH FILING 4  
 PRI #2, LLC.  
 EL PASO COUNTY, CO

POND DETAILS  
 POND A OUTLET STRUCTURE

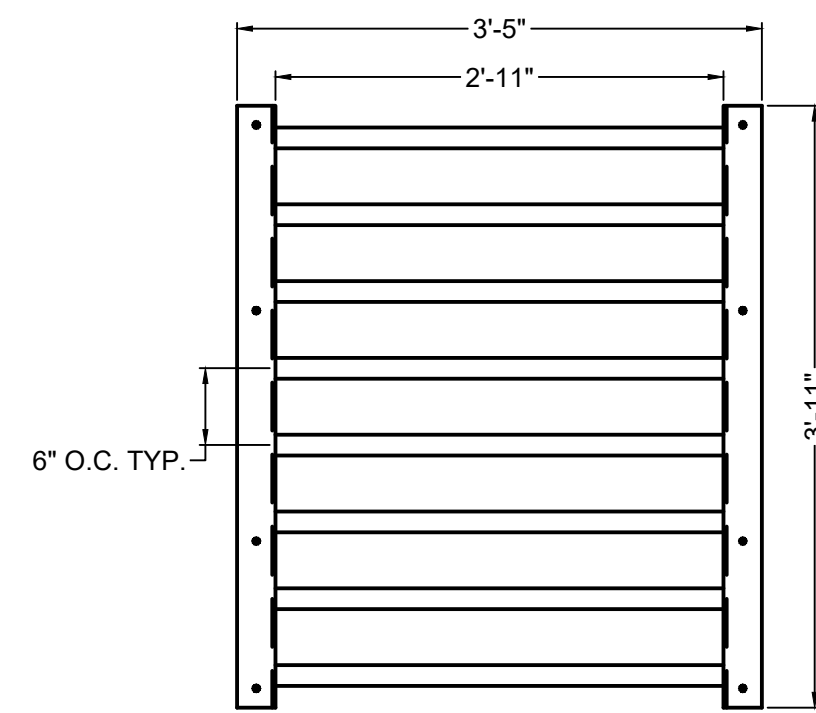
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 23



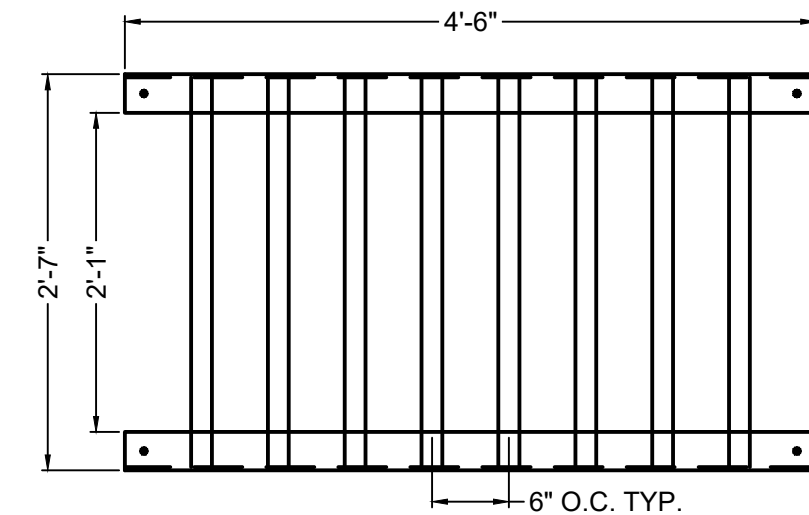
SECTION VIEW B-B  
MICROPPOOL FRONT FACE  
SCALE: 1" = 1-1/4'



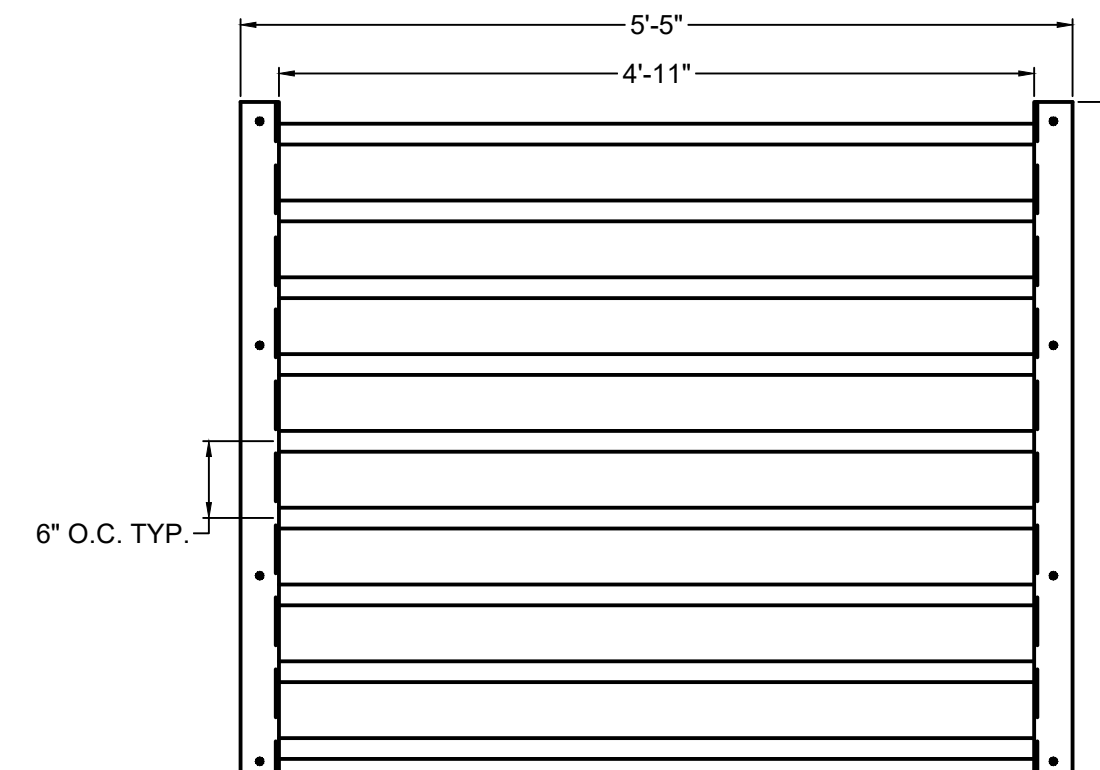
SECTION VIEW C-C  
RESTRICTOR PLATE  
SCALE: 1" = 1-1/4'



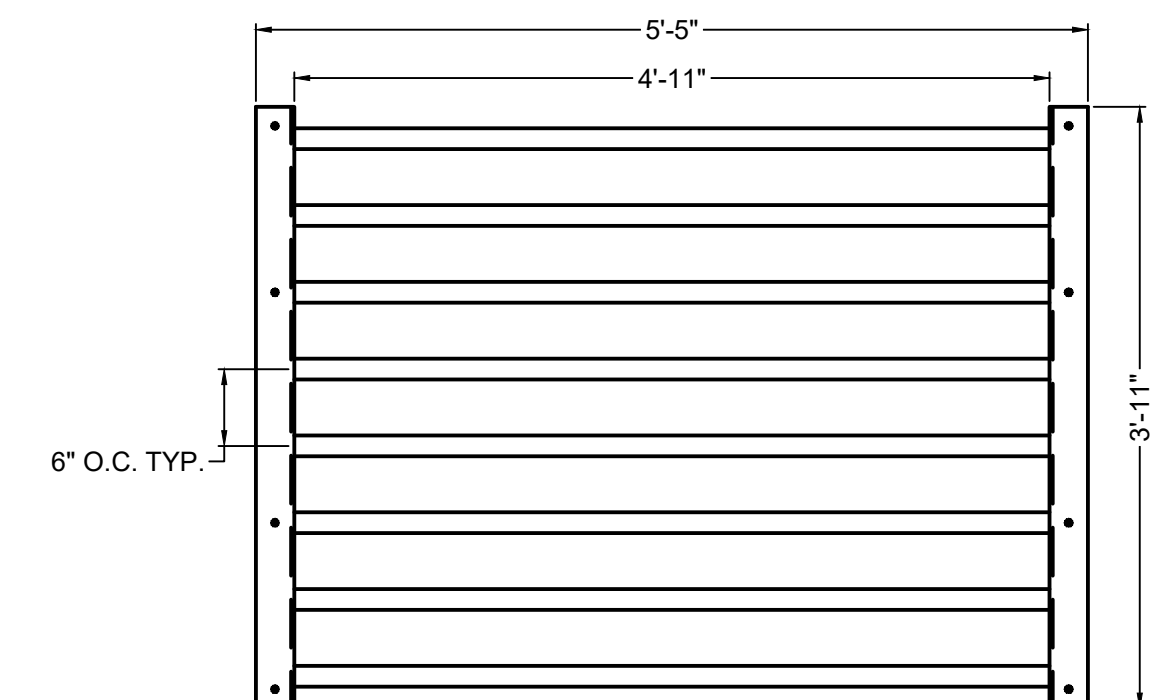
ELEVATION VIEW  
MICROPPOOL TOP GRATE  
SCALE: 1" = 1-1/4'



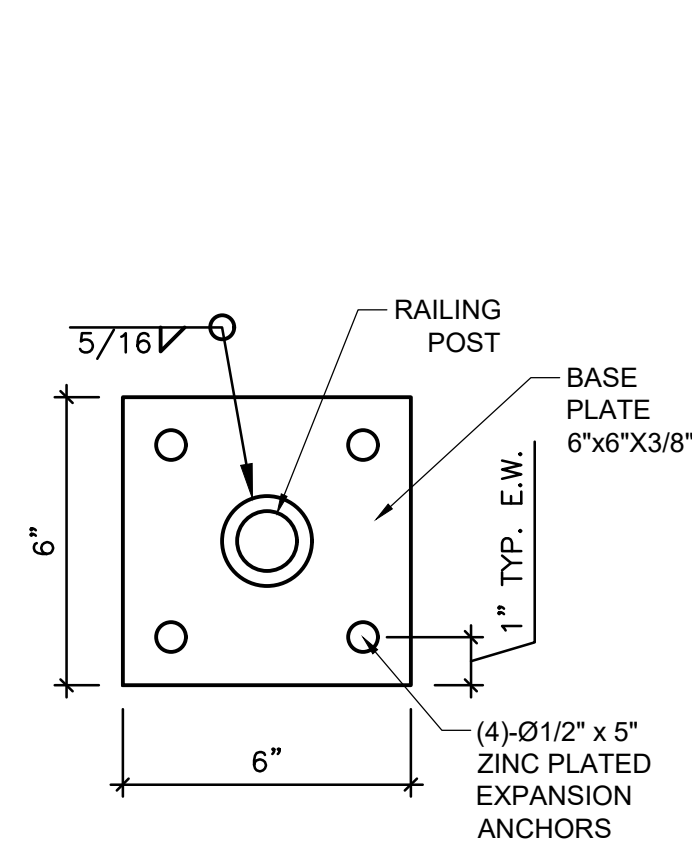
ELEVATION VIEW  
MICROPPOOL FRONT GRATE  
SCALE: 1" = 1-1/4'



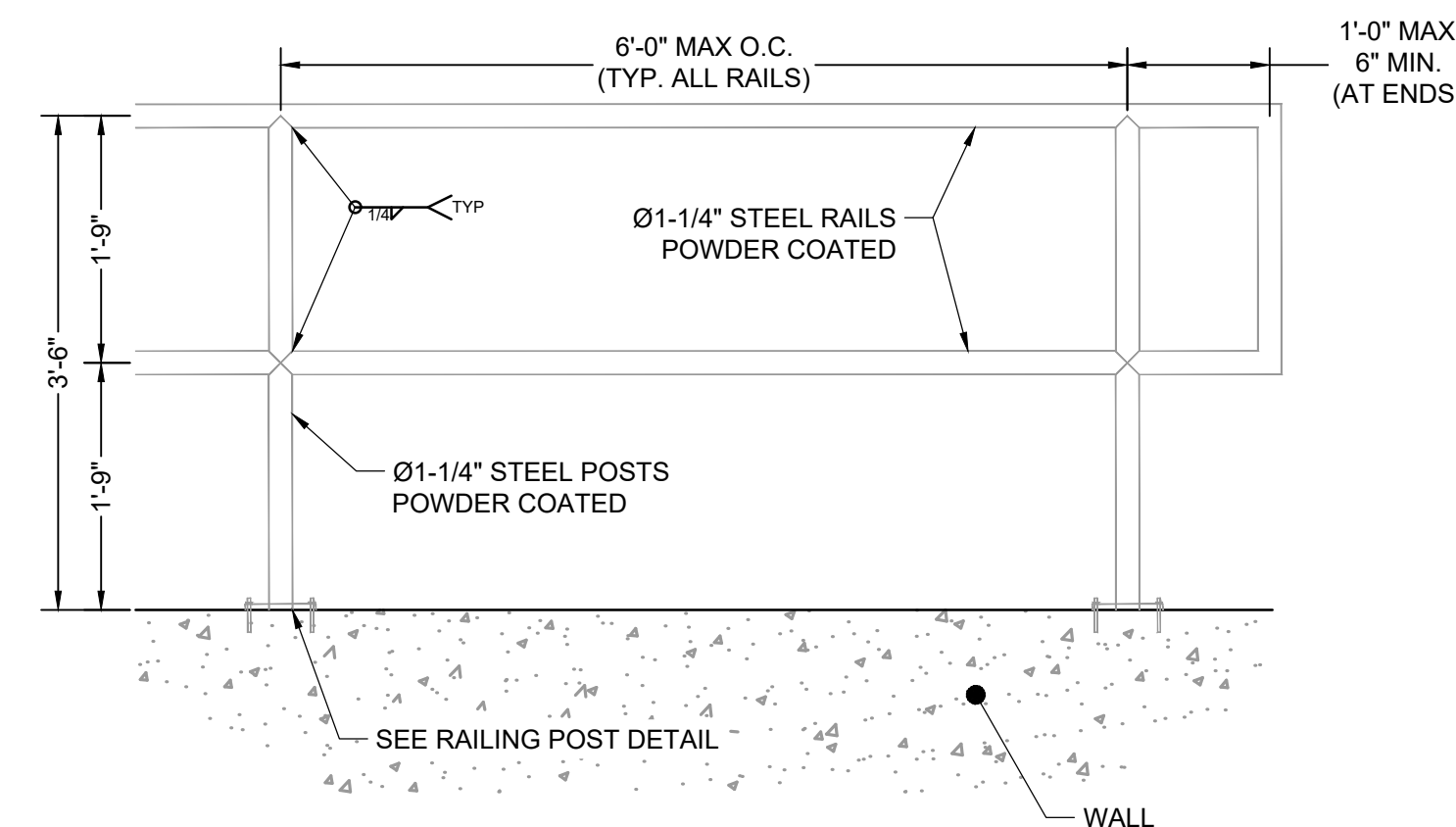
PLAN VIEW  
SAFETY GRATE - QTY. 4  
SCALE: 1" = 1-1/4'



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.

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APPROVED: RDL	JOB NUMBER: 211030.240	0
CAD DATE: 9/22/2024		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

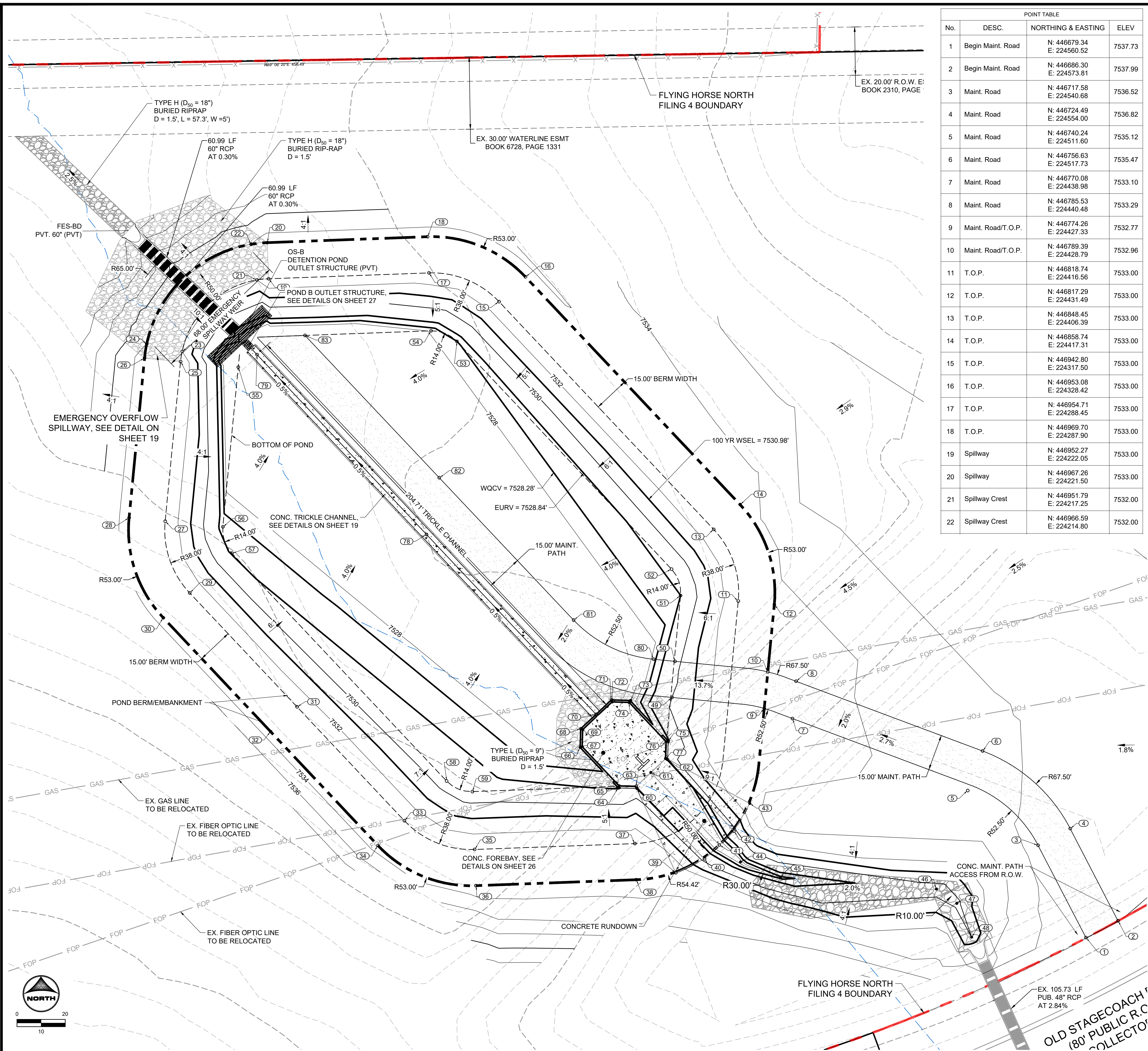
**HRGreen**  
HR GREEN - COLORADO SPRINGS  
1975 RESEARCH PARKWAY SUITE 160  
COLORADO SPRINGS, CO 80920  
PHONE: 719.300.4140  
FAX: 713.965.0044

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

POND DETAILS  
POND A OUTLET STRUCTURE DETAILS

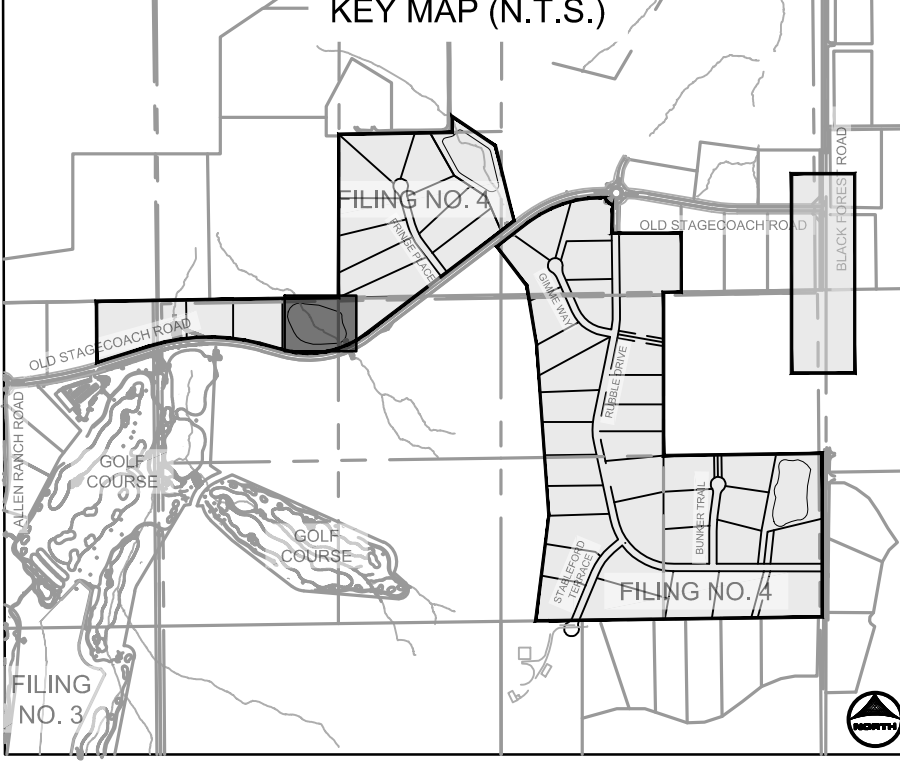
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SHEET  
**PND**  
24





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: 224431.49	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: 446952.27 E: 224222.05	7533.00
20	Spillway	N: 446967.26 E: 224221.50	7533.00
21	Spillway Crest	N: 446951.79 E: 224217.25	7532.00
22	Spillway Crest	N: 446966.59 E: 224214.80	7532.00

No.	DESC.	NORTHING & EASTING	ELEV
23	Spillway Crest	N: 446922.17 E: 224186.28	7532.00
24	Spillway Crest	N: 446925.28 E: 224171.60	7532.00
25	Spillway	N: 446917.95 E: 224185.63	7533.00
26	Spillway	N: 446919.39 E: 224170.70	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	7532.99
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



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: 446742.02 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: 224364.34	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: 9/16/24  
 APPROVED: RDL JOB NUMBER: 211030.240  
 CAD DATE: 8/19/2024  
 CAD FILE: J:\2021\211030\CAD\DWG\C\Filing\_No\_4\Pond\_B\_Grading

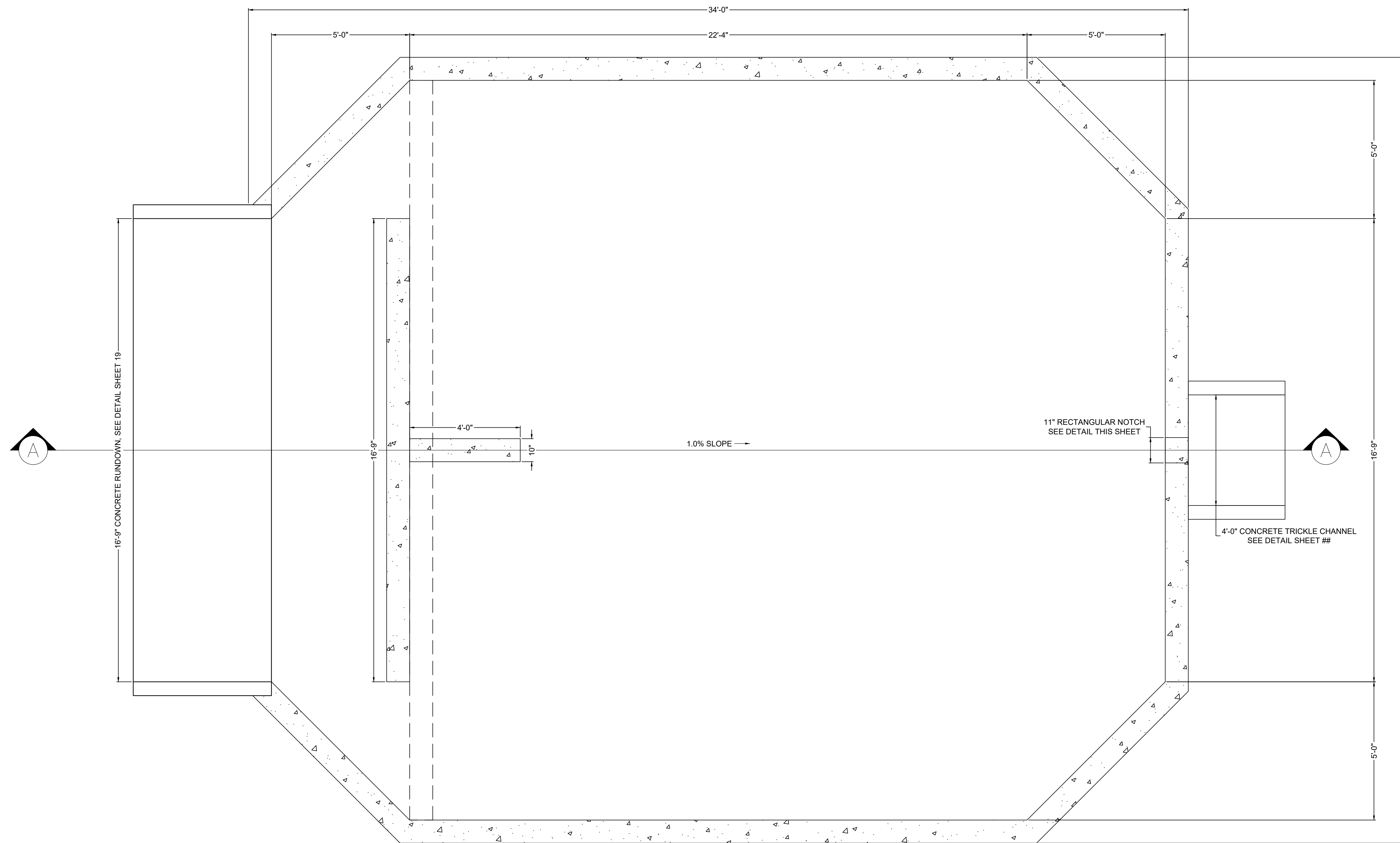
NO.	DATE	BY	REVISION DESCRIPTION

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

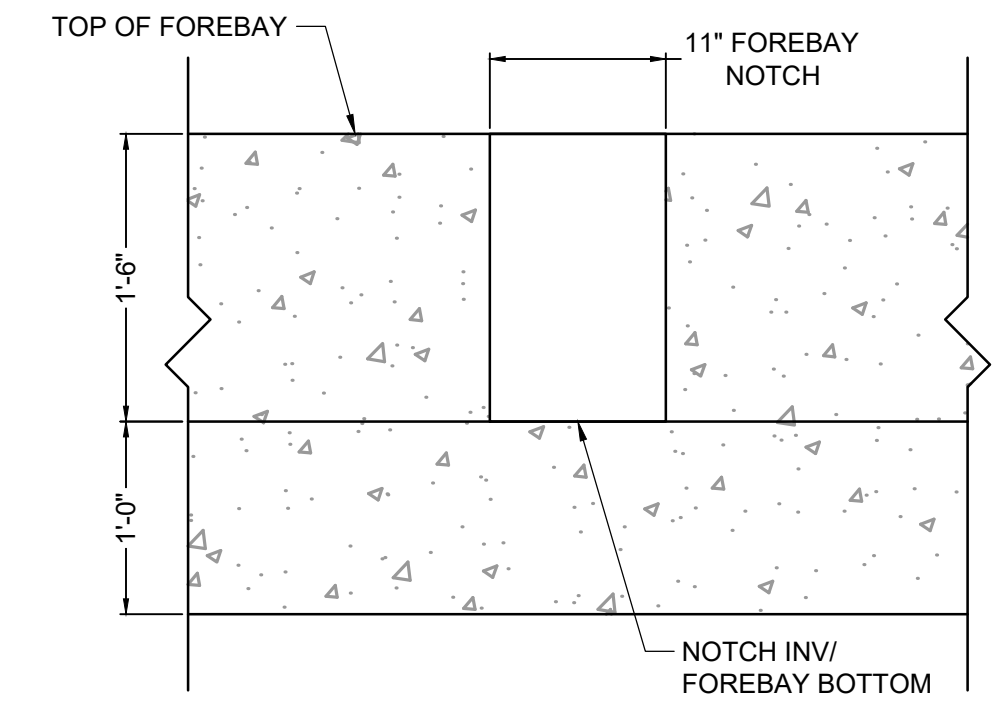
FLYING HORSE NORTH FILING 4  
 PRI #2, LLC.  
 EL PASO COUNTY, CO

POND DETAILS  
 POND B GRADING PLAN

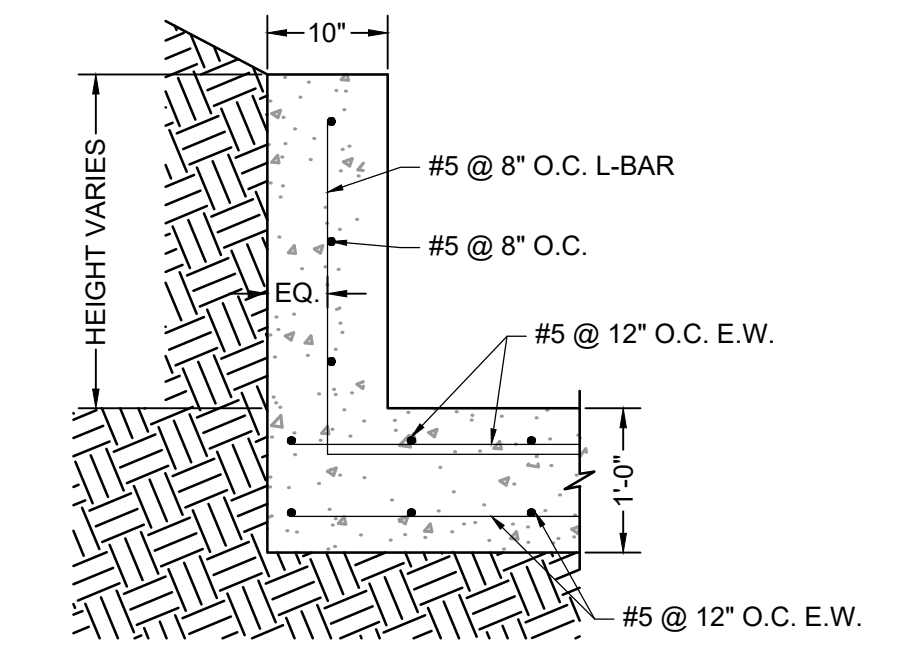
SHEET PND 25



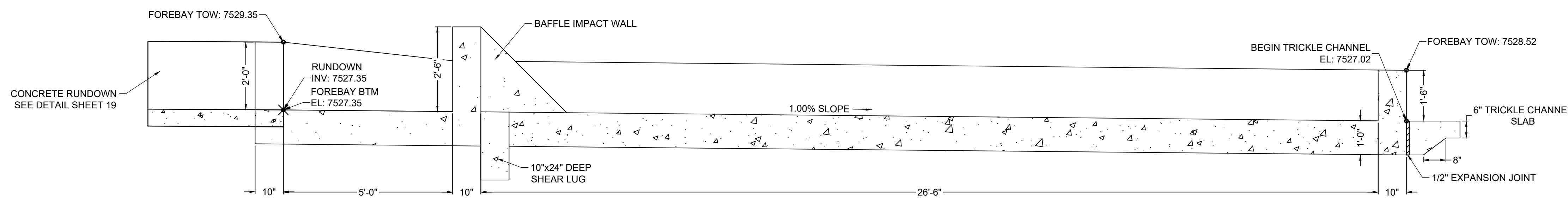
PLAN VIEW  
FOREBAY B  
SCALE: 1"=2'



FOREBAY B NOTCH DETAIL  
SCALE: NTS



ELEVATION VIEW  
FOREBAY WINGWALL REINFORCING DETAIL  
SCALE: NTS



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

DRAWN BY: CMD	JOB DATE: 9/16/24	BAR IS ONE INCH ON OFFICIAL DRAWINGS. IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
APPROVED: RDL	JOB NUMBER: 211030.240	
CAD DATE: 8/22/2024		
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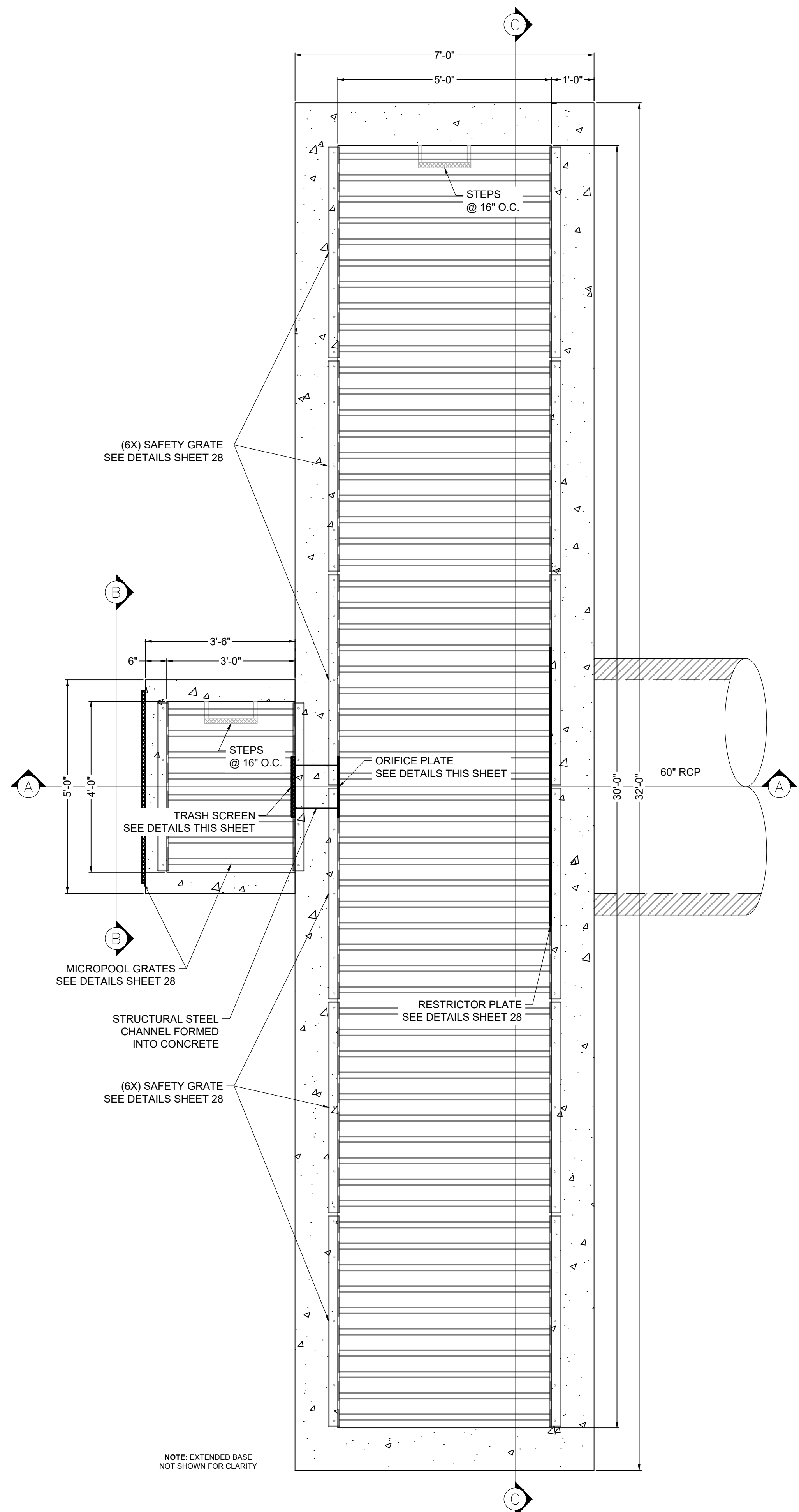
NO.	DATE	BY	REVISION DESCRIPTION

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

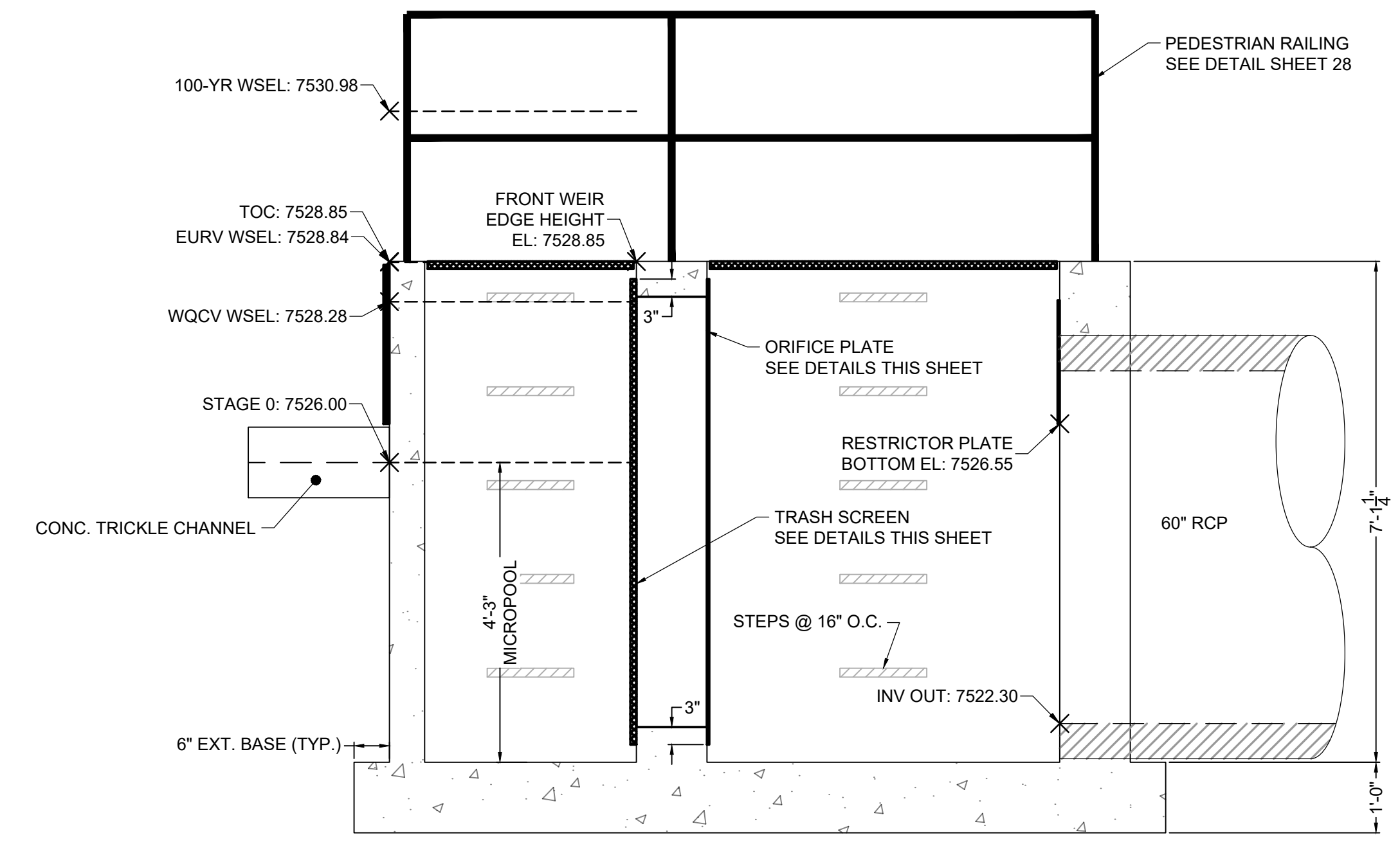
FLYING HORSE NORTH FILING 4  
 PRI #2, LLC.  
 EL PASO COUNTY, CO

POND DETAILS  
 POND B FOREBAY

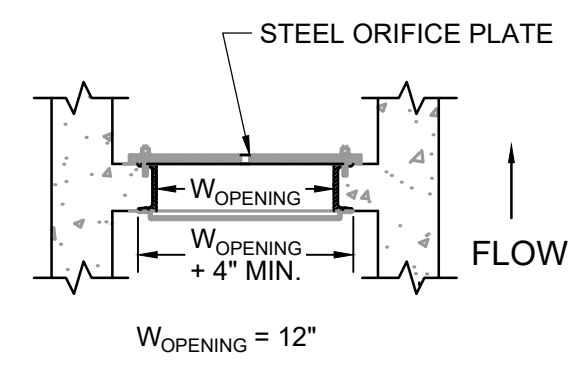
SHEET  
 PND  
 26



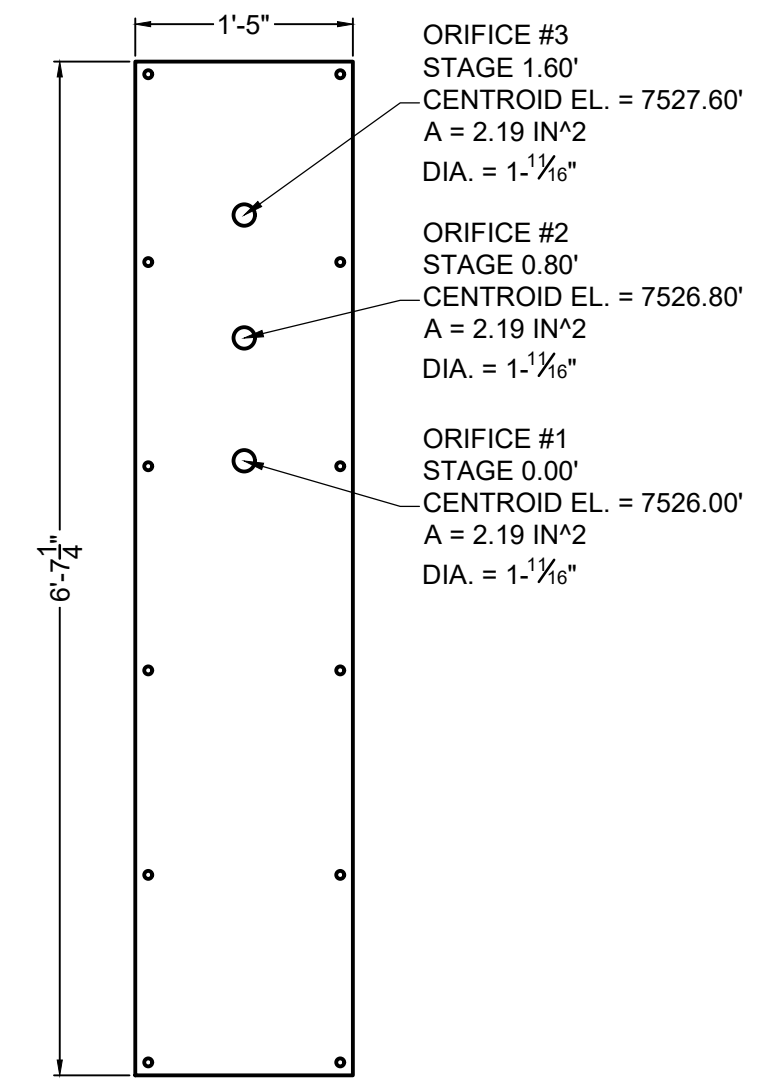
PLAN VIEW  
POND B OUTLET STRUCTURE  
SCALE: 1" = 1-3/4"



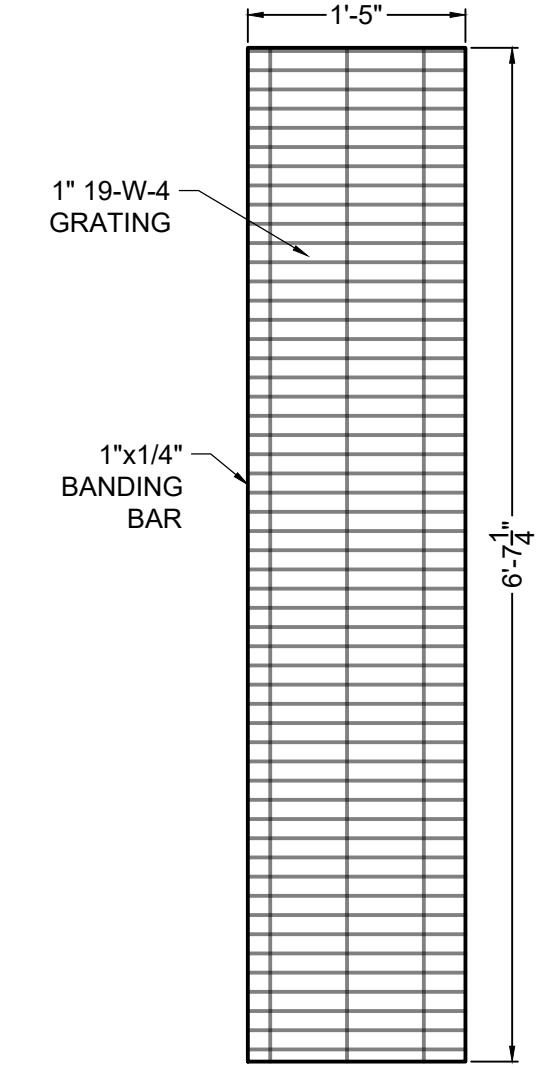
SECTION VIEW A-A  
POND B OUTLET STRUCTURE  
SCALE: 1" = 1-3/4"



DETAIL  
TRASH SCREEN & ORIFICE PLATE  
SCALE: NTS



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



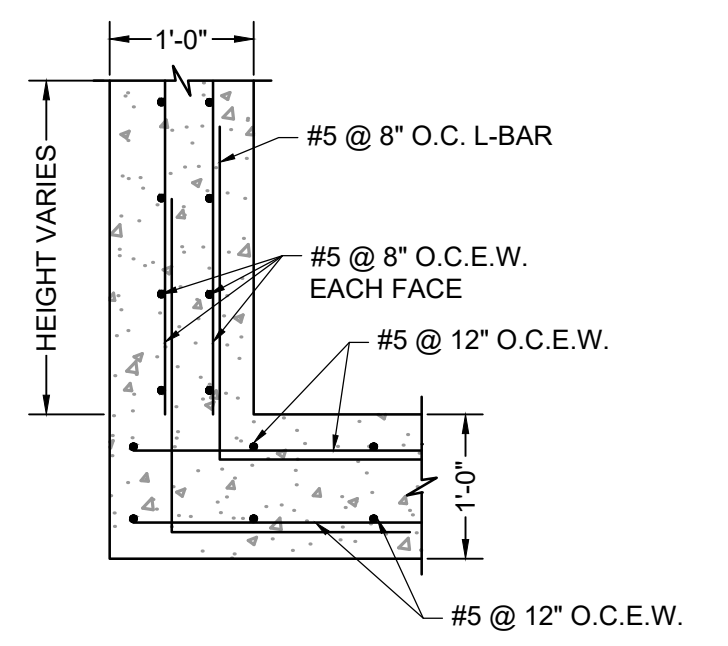
ELEVATION VIEW  
TRASH SCREEN DETAIL  
SCALE: 1" = 1-1/4"

**TRASH SCREEN NOTES:**

1. TRASH SCREEN SHALL BE STEEL 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: 9/16/24	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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NO.	DATE	BY	REVISION DESCRIPTION

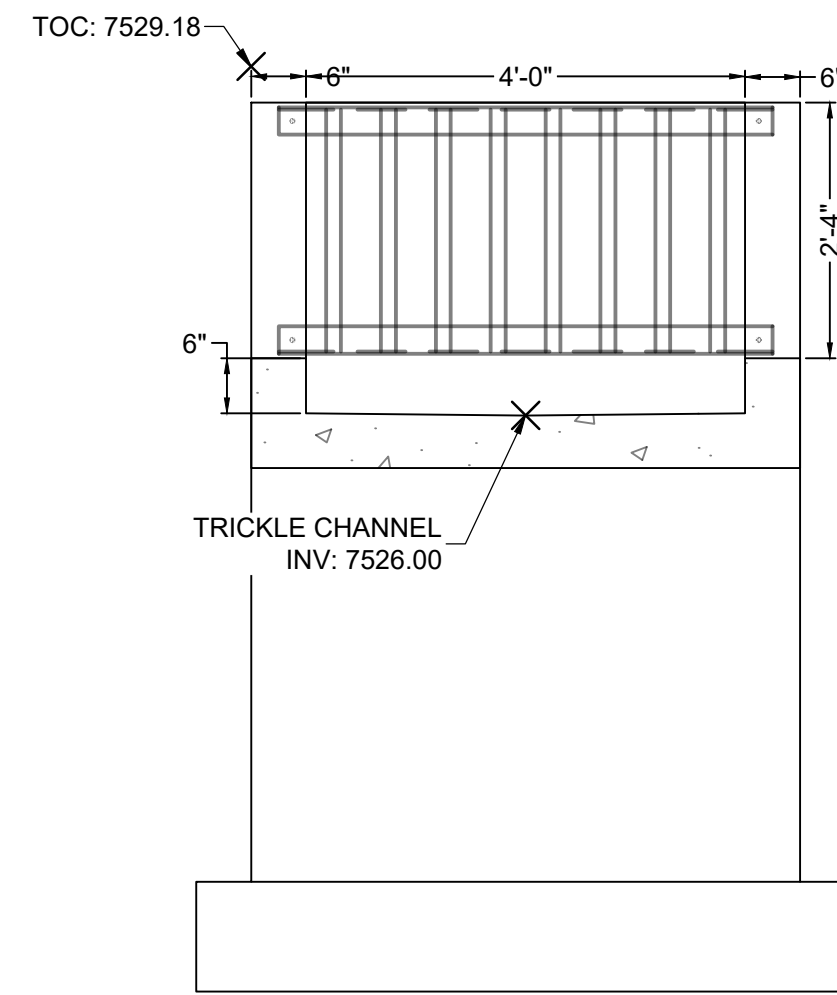


HR GREEN - COLORADO SPRINGS  
1975 RESEARCH PARKWAY SUITE 160  
COLORADO SPRINGS, CO 80920  
PHONE: 719.300.4140  
FAX: 719.965.0044

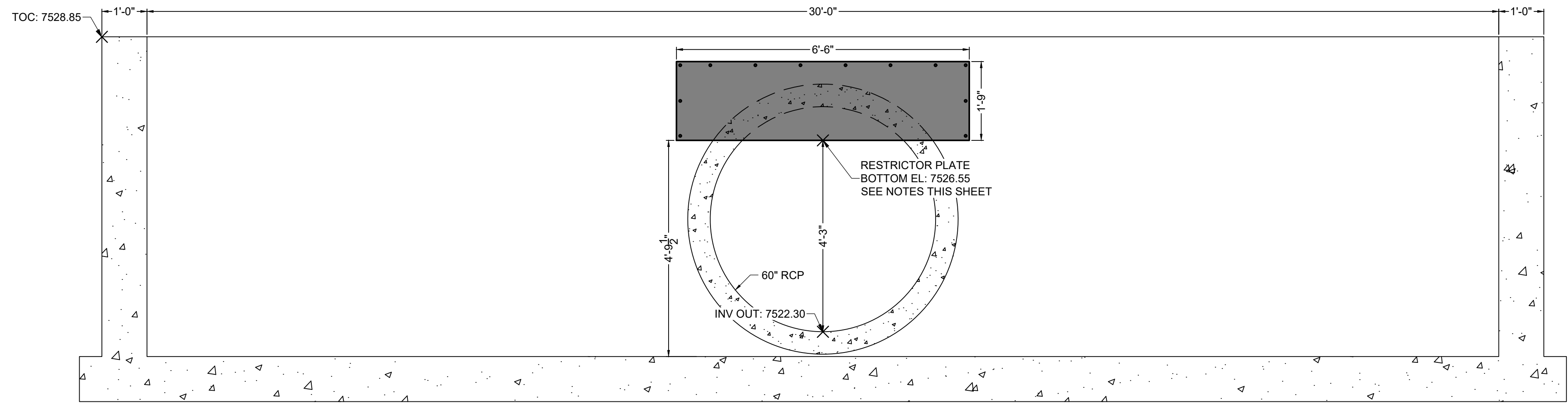
FLYING HORSE NORTH FILING 4  
PRI #2, LLC.  
EL PASO COUNTY, CO

POND DETAILS  
POND B OUTLET STRUCTURE

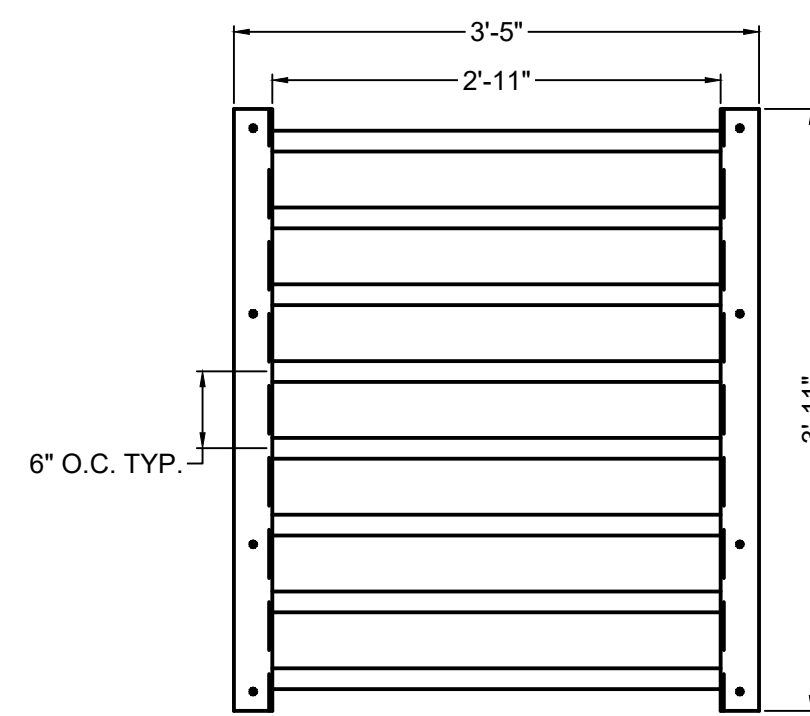
SHEET  
PND  
27



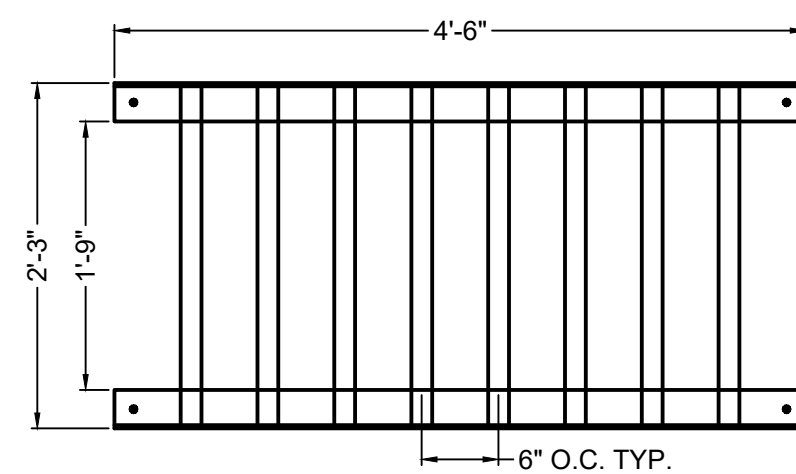
SECTION VIEW B-B  
FRONT FACE  
SCALE: 1" = 1-1/4'



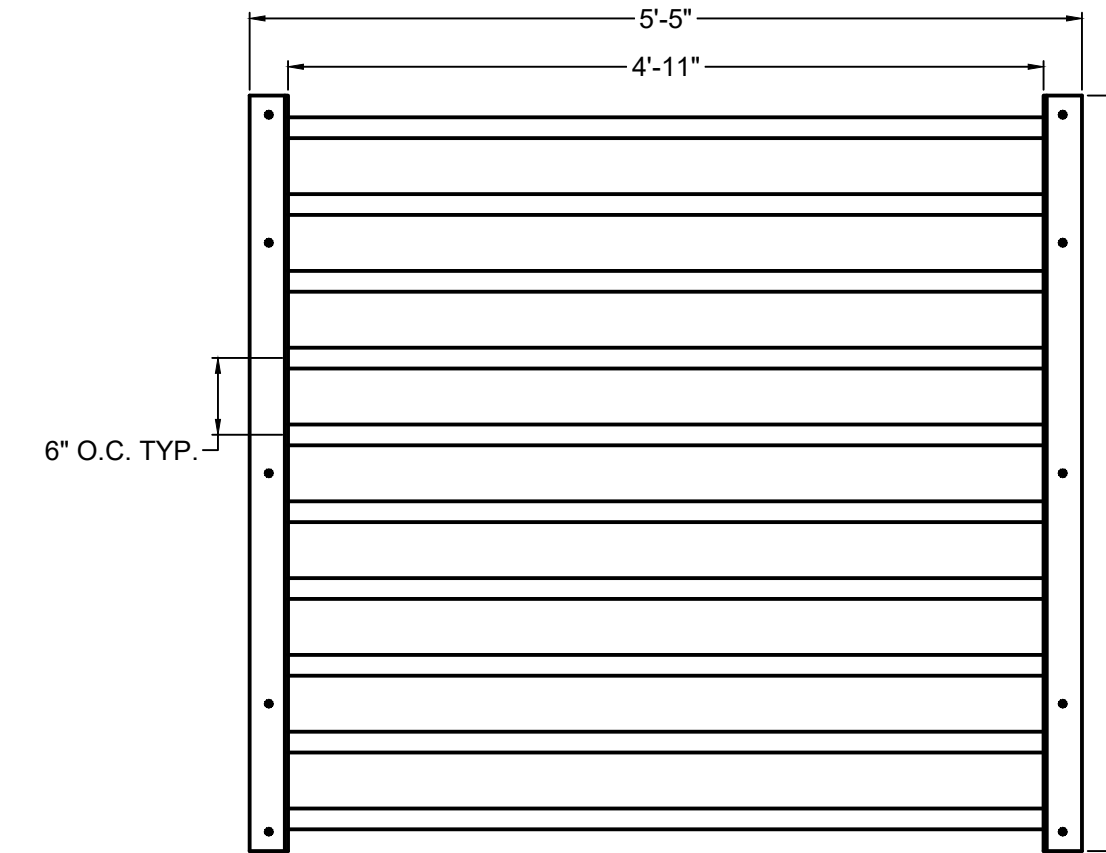
SECTION VIEW C-C  
RESTRICTOR PLATE  
SCALE: 1" = 1-1/4'



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



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



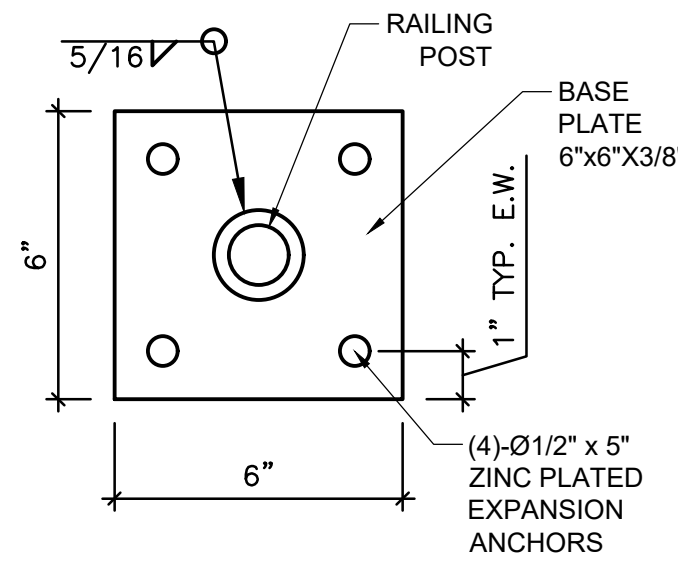
PLAN VIEW  
SAFETY GRATE - QTY. 6  
SCALE: 1" = 1-1/4'

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.

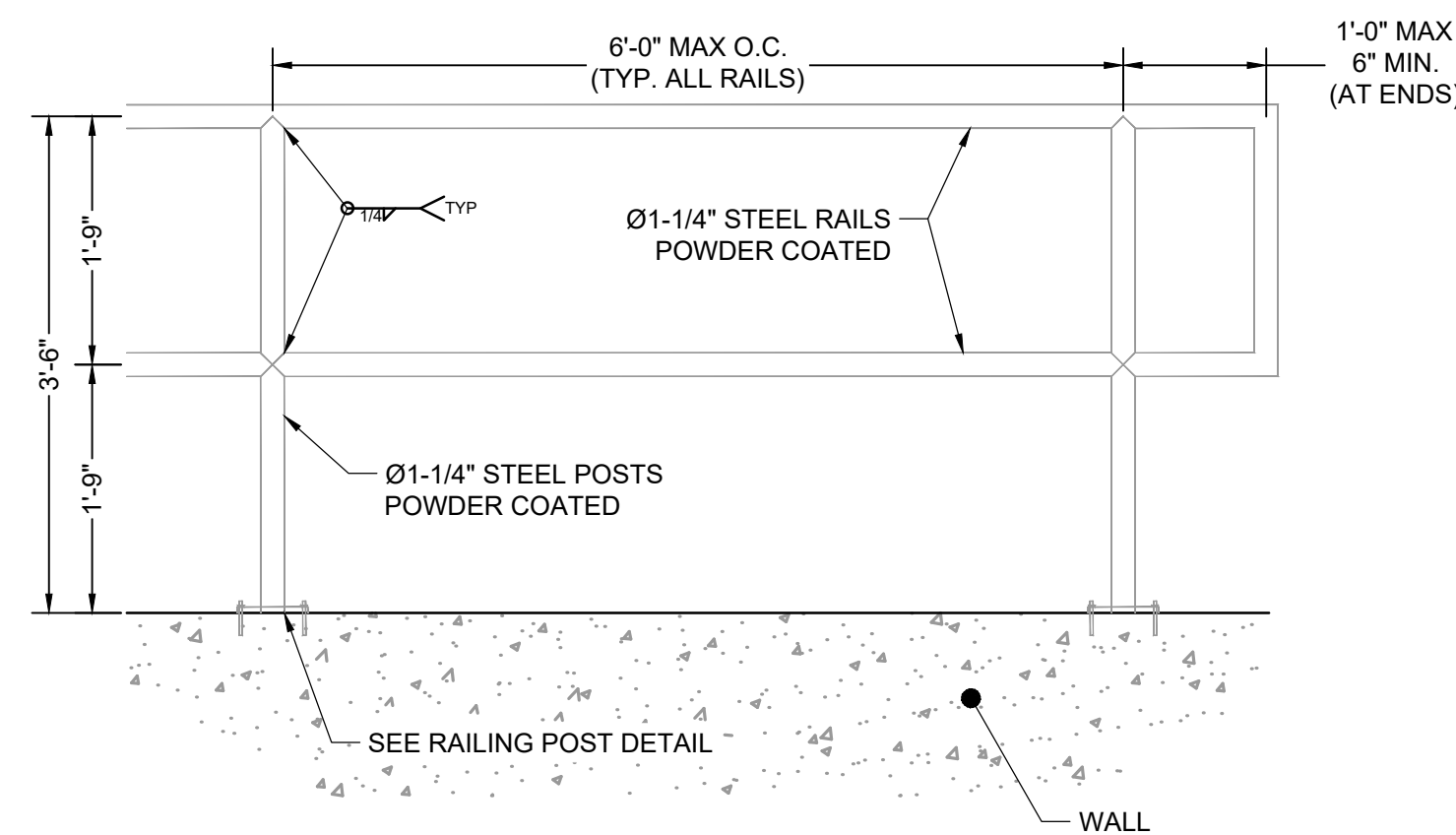
WARNING:  
THIS AREA IS A  
STORMWATER  
FACILITY AND  
IS SUBJECT TO  
PERIODIC  
FLOODING

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'

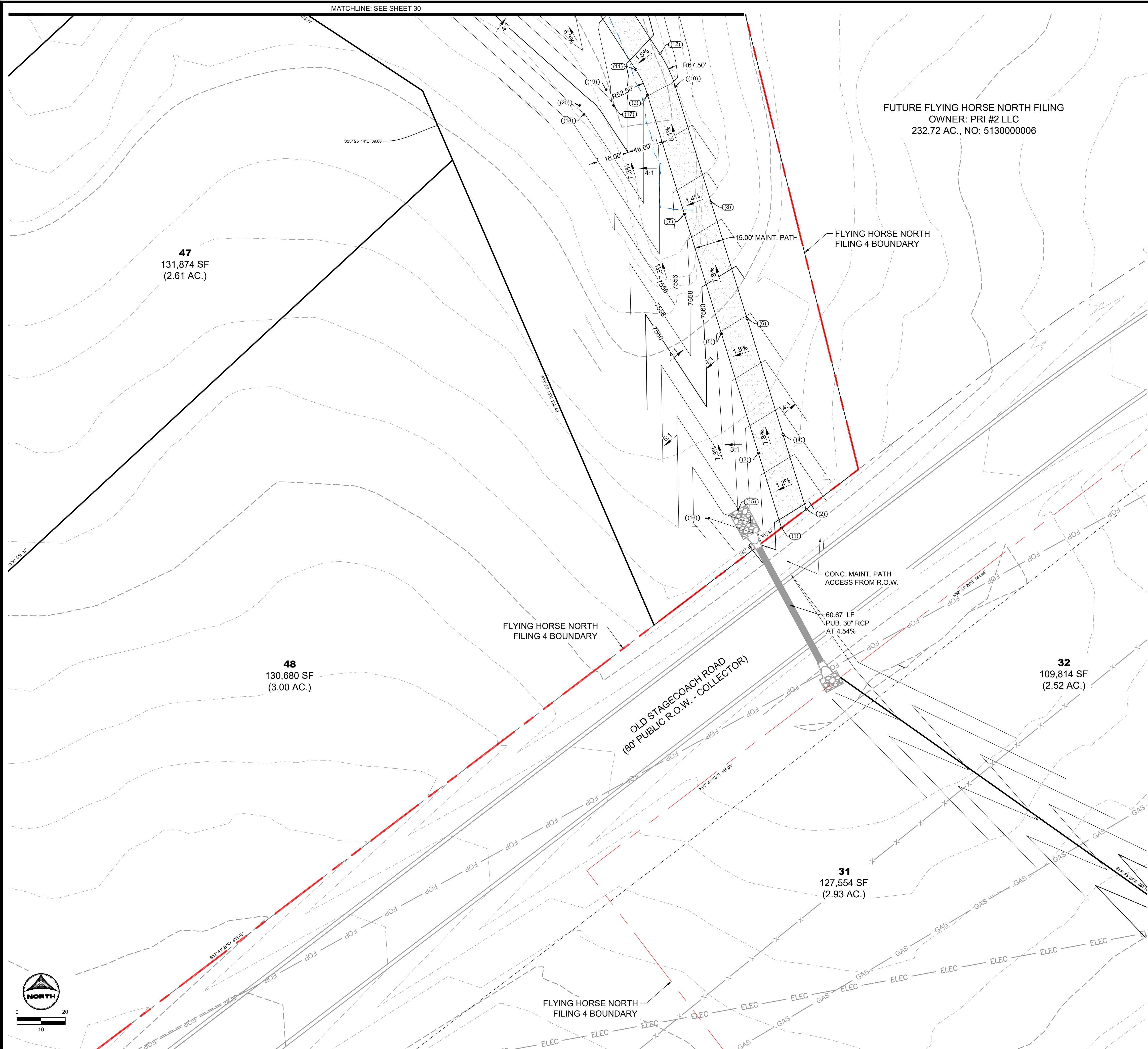
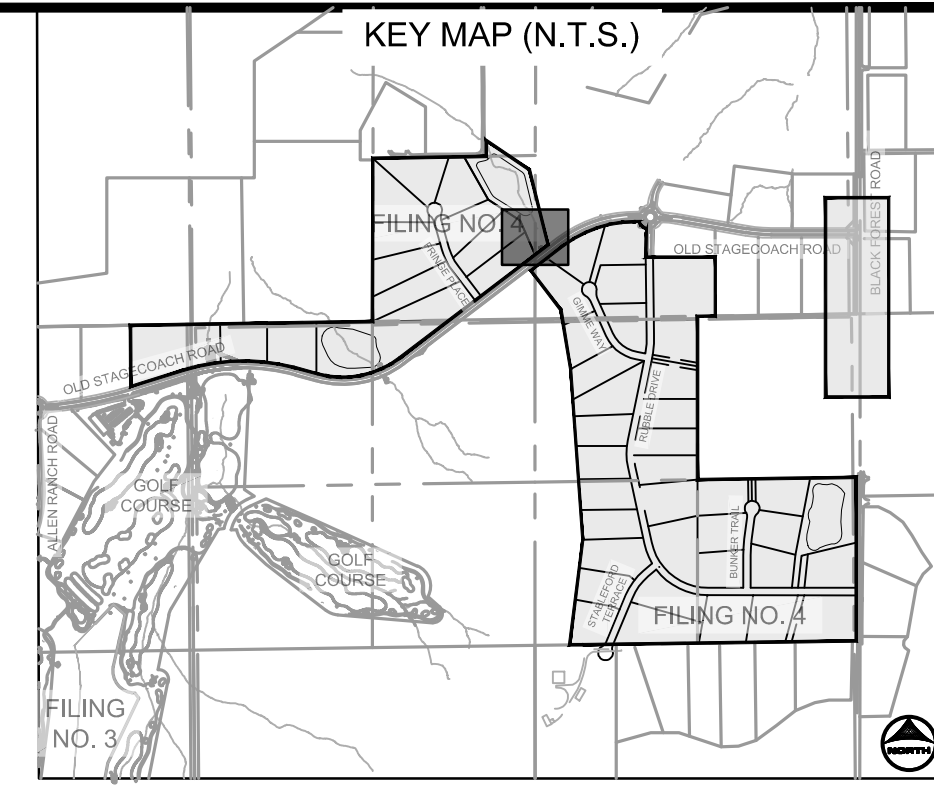
**SAFETY GRATES/TRASH RACK NOTES:**

- 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.)

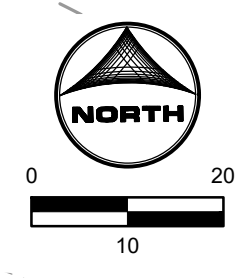
POINT TABLE			
No.	DESC.	NORTHING & EASTING	ELEV.
(1)	Begin Maint. Road	N: 447637.89 E: 225836.62	7570.35
(2)	Begin Maint. Road	N: 447647.57 E: 225849.33	???
(3)	Maint. Road	N: 447676.64 E: 225824.63	7567.17
(4)	Maint. Road	N: 447686.22 E: 225837.37	7567.05
(5)	Maint. Road	N: 447738.48 E: 225805.51	7562.09
(6)	Maint. Road	N: 447746.34 E: 225818.78	7562.11
(7)	Maint. Road	N: 447800.31 E: 225786.38	7557.02
(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	7564.08
(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: 9/16/24    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.  
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NO.	DATE	BY	REVISION DESCRIPTION

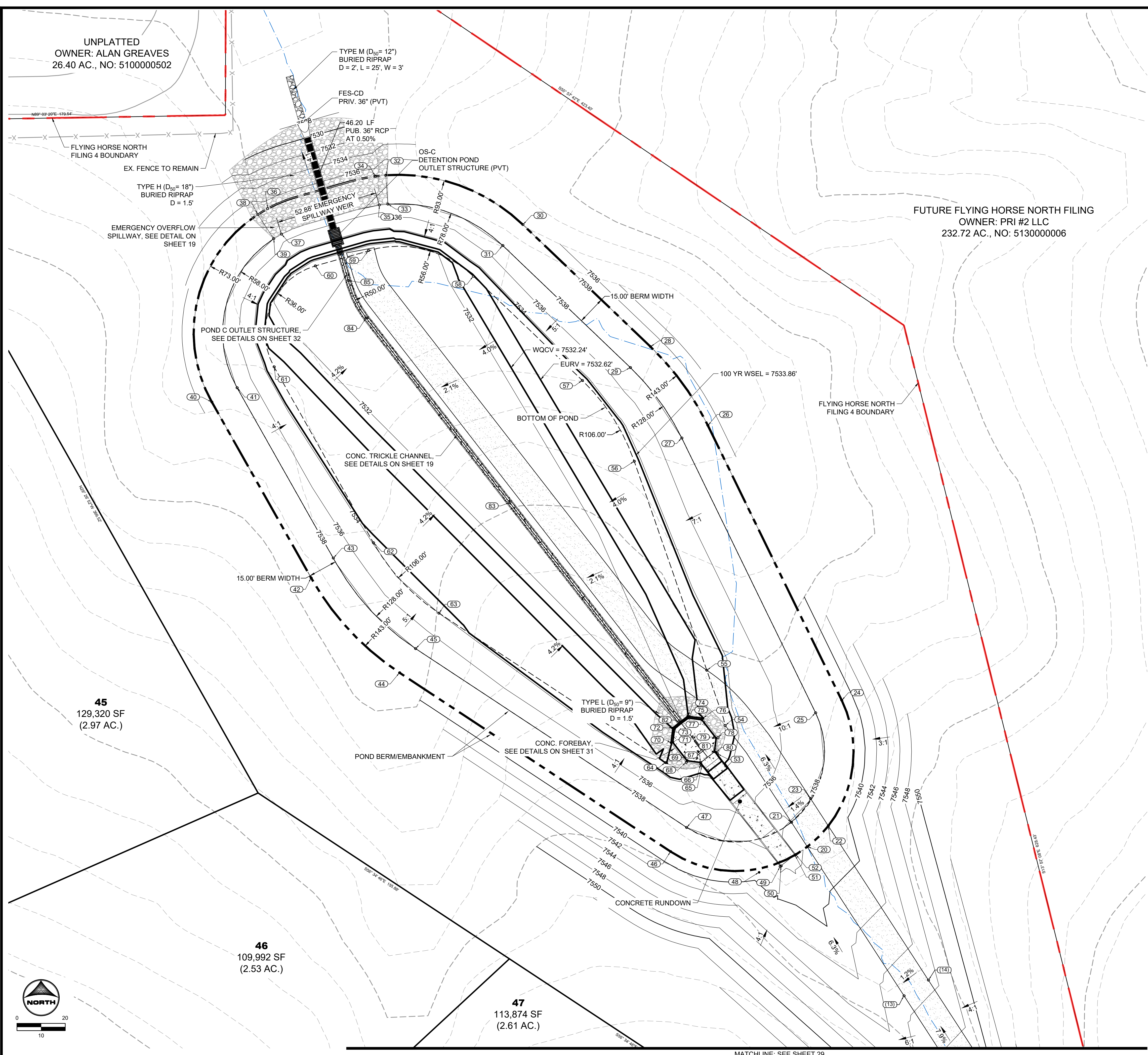
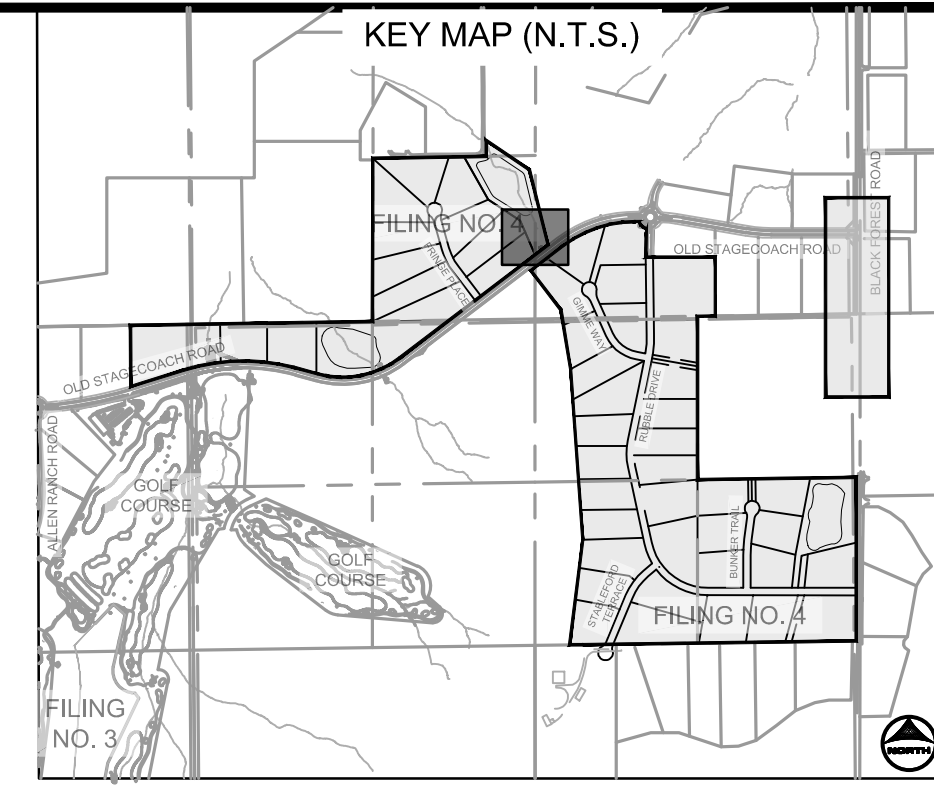
**HRGreen**  
 HR GREEN - COLORADO SPRINGS  
 1975 RESEARCH PARKWAY SUITE 160  
 COLORADO SPRINGS, CO 80920  
 PHONE: 719.300.4140  
 FAX: 713.965.0044

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

POND DETAILS  
 POND C GRADING PLAN

DOMBROWSKI, COLIN, 9/16/2024, 1:33 PM

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



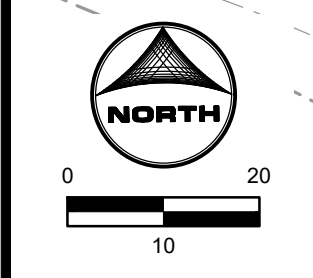
FUTURE FLYING HORSE NORTH FILING  
OWNER: PRI #2 LLC  
232.72 AC., NO: 513000006

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: 225696.86	7538.00
22	Maint. Road/TOP	N: 448018.95 E: 225698.75	7538.05
23	Maint. Road/TOP	N: 448033.04 E: 225698.62	7538.00
24	TOP	N: 448084.00 E: 225698.75	7538.00
25	TOP	N: 448077.43 E: 225698.20	7538.00
26	TOP	N: 448226.26 E: 225698.20	7538.00
27	TOP	N: 448219.70 E: 225698.20	7538.00
28	TOP	N: 448267.00 E: 225698.32	7538.00
29	TOP	N: 448256.16 E: 225698.32	7538.00
30	TOP	N: 448330.17 E: 225698.22	7538.00
31	TOP	N: 448319.33 E: 225698.22	7538.00
32	Spillway	N: 448355.73 E: 225698.35	7538.00
33	Spillway	N: 448340.77 E: 225698.93	7538.00
34	Spillway Crest	N: 448355.19 E: 225698.41	7537.00
35	Spillway Crest	N: 448340.32 E: 225698.53	7537.00
36	Spillway Crest	N: 448338.42 E: 225698.53	7537.00
37	Spillway Crest	N: 448325.23 E: 225698.66	7537.00
38	Spillway	N: 448335.44 E: 225698.51	7538.00
39	Spillway	N: 448322.86 E: 225698.67	7538.00
40	TOP	N: 448238.32 E: 225698.68	7538.00
41	TOP	N: 448245.70 E: 225698.74	7538.00
42	TOP	N: 448147.23 E: 225698.11	7538.00
43	TOP	N: 448157.58 E: 225698.53	7537.99
44	TOP	N: 448098.18 E: 225698.87	7538.00
45	TOP	N: 448110.70 E: 225698.13	7538.00
46	TOP	N: 448005.60 E: 225698.16	7538.00
47	TOP	N: 448018.12 E: 225698.42	7538.00
48	TOP/Edge of Swale	N: 447994.87 E: 225698.93	7538.81
49	Rundown TOW	N: 447997.86 E: 225698.87	7539.00
50	Rundown BOW	N: 447998.20 E: 225698.35	7537.50
51	Rundown BOW	N: 448003.74 E: 225698.48	7537.50
52	Rundown TOW	N: 448004.05 E: 225698.88	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: 448099.51 E: 225622.87	7532.98
56	BOP	N: 448207.65 E: 225698.34	7533.41
57	BOP	N: 448248.49 E: 225698.34	7533.34
58	BOP	N: 448303.43 E: 225698.07	7532.50
59	BOP	N: 448316.76 E: 225698.79	7531.35
60	BOP	N: 448308.79 E: 225698.90	7531.34
61	BOP	N: 448256.51 E: 225698.90	7532.83
62	BOP	N: 448165.42 E: 225698.33	7533.92
63	BOP	N: 448129.02 E: 225698.22	7534.00
64	BOP	N: 448051.70 E: 225698.48	7532.56
65	BOP/Rundown TOW	N: 448050.00 E: 225698.70	7533.24
66	Forebay Outer	N: 448050.85 E: 225698.32	7533.16
67	Forebay Inner	N: 448051.80 E: 225698.87	7531.66
68	Forebay Outer	N: 448051.80 E: 225698.32	7533.22
69	Forebay Inner	N: 448052.67 E: 225698.19	7531.62
70	Forebay Outer	N: 448061.95 E: 225698.34	7532.58
71	Forebay Inner	N: 448062.21 E: 225698.19	7531.49
72	Forebay Outer	N: 448069.65 E: 225698.31	7532.19
73	Forebay Inner	N: 448069.15 E: 225698.19	7531.46
74	Forebay Outer	N: 448075.67 E: 225698.19	7532.19
75	Forebay Inner	N: 448074.70 E: 225698.33	7531.46
76	Forebay Outer	N: 448074.71 E: 225698.76	7532.58
77	Forebay Inner	N: 448073.83 E: 225698.87	7531.49
78	Forebay Outer	N: 448064.56 E: 225698.32	7533.22
79	Forebay Inner	N: 448064.29 E: 225698.19	7531.62
80	Forebay Outer	N: 448057.01 E: 225698.19	7533.16
81	Forebay Inner	N: 448057.35 E: 225698.81	7531.66
82	TC Flow Line	N: 448072.66 E: 225698.31	7531.43
83	TC Flow Line	N: 448186.26 E: 225698.88	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



DRAWN BY: CMD      JOB DATE: 9/16/24      BAR IS ONE INCH ON OFFICIAL DRAWINGS.  
 APPROVED: RDL      JOB NUMBER: 211030.240      0" = 10' IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.  
 CAD DATE: 8/19/2024  
 CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing\_No\_4\Pond\_C\_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

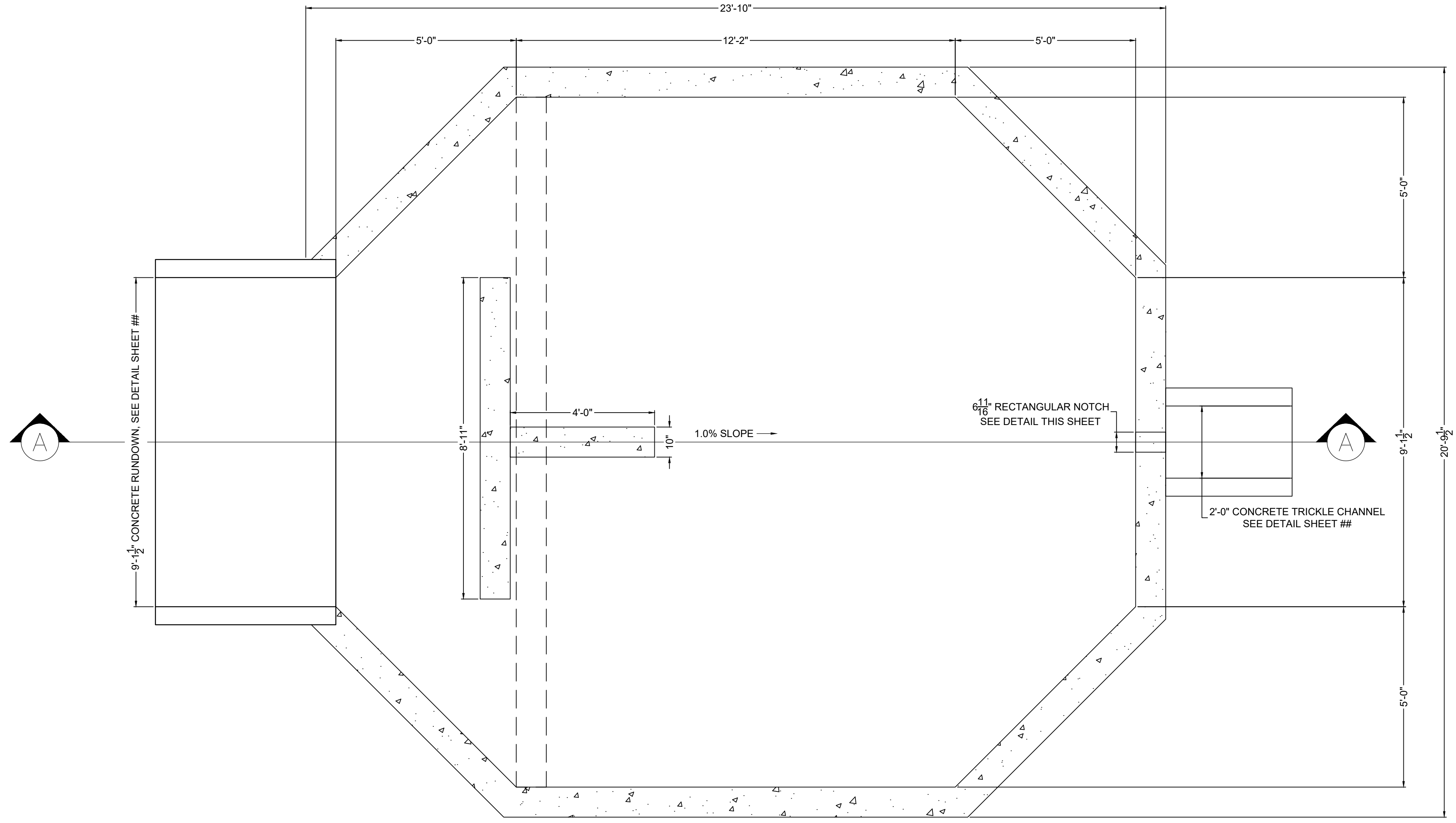
**FLYING HORSE NORTH FILING 4  
 PRI #2, LLC.  
 EL PASO COUNTY, CO**

**POND DETAILS  
 POND C GRADING PLAN**

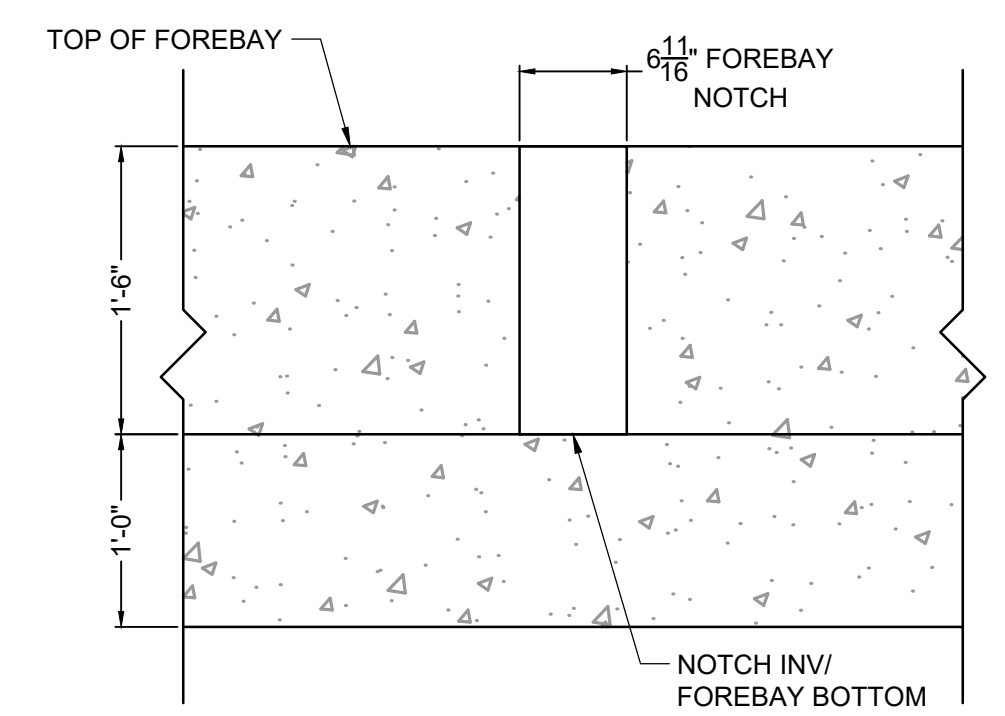
**SHEET  
 PND  
 30**

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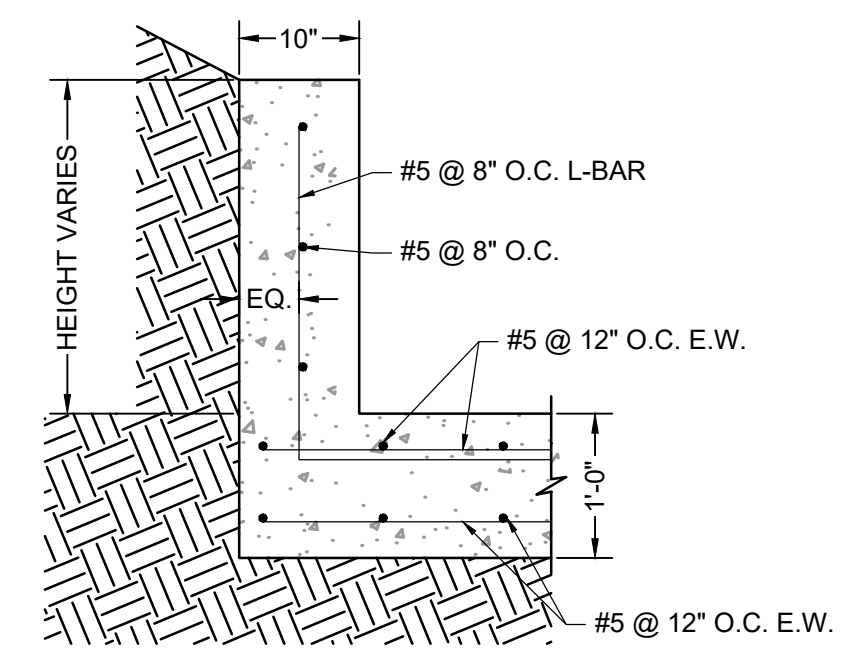
MATCHLINE: SEE SHEET 29



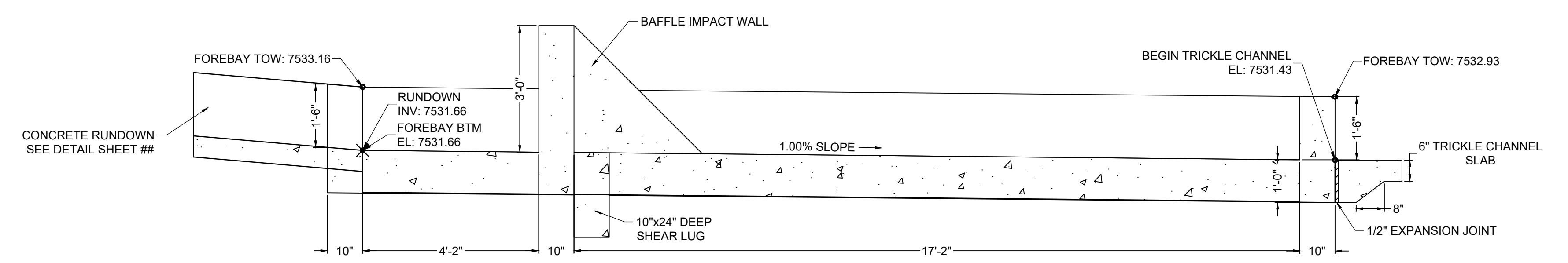
PLAN VIEW  
FOREBAY C  
SCALE: 1"=2'



FOREBAY C NOTCH DETAIL  
SCALE: NTS




ELEVATION VIEW  
FOREBAY WINGWALL REINFORCING DETAIL  
SCALE: NTS



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

DRAWN BY: CMD	JOB DATE: 9/16/24	BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0" = 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
APPROVED: RDL	JOB NUMBER: 211030.240	
CAD DATE: 8/22/2024		
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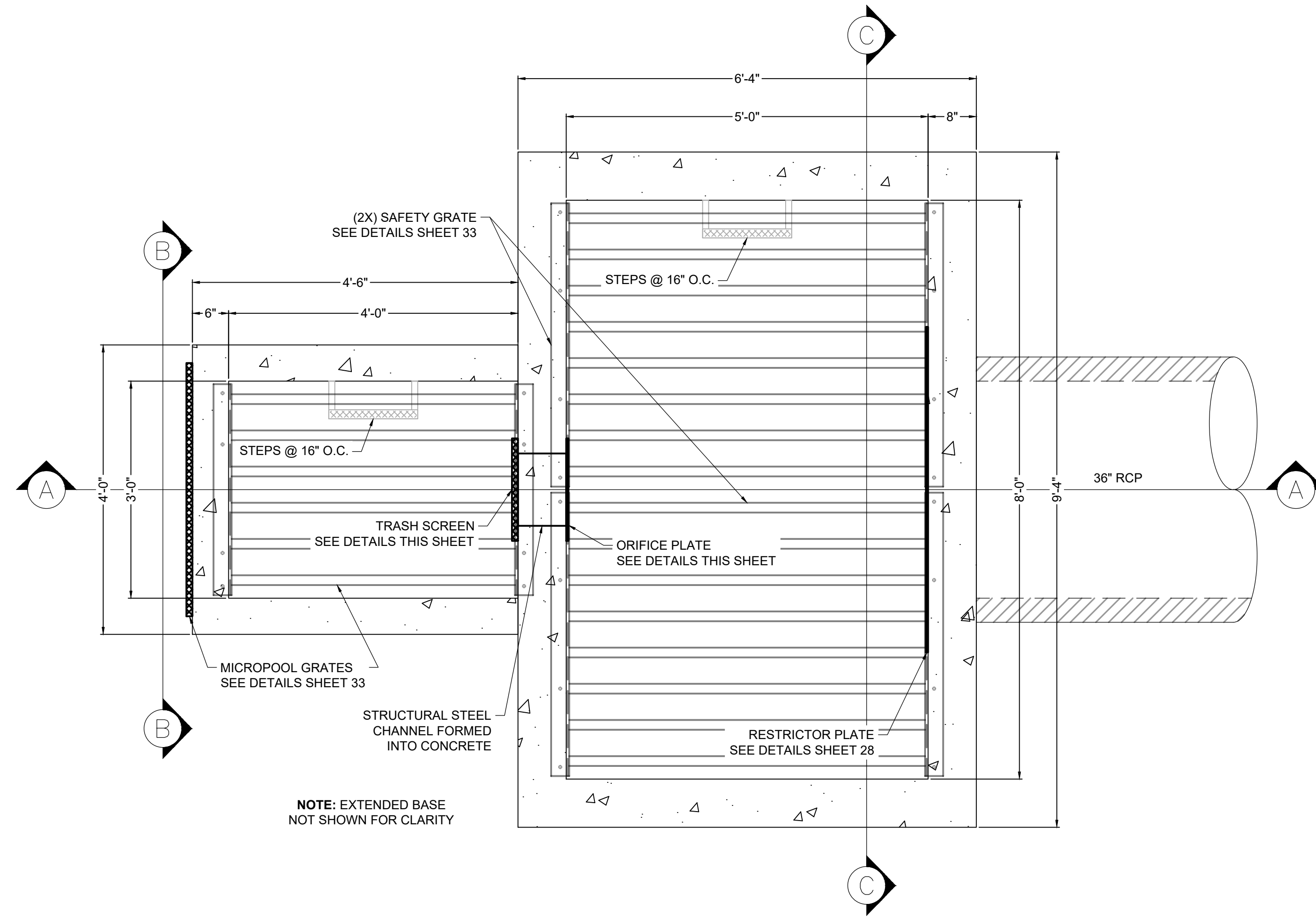
NO.	DATE	BY	REVISION DESCRIPTION


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 FAX: 713.965.0044

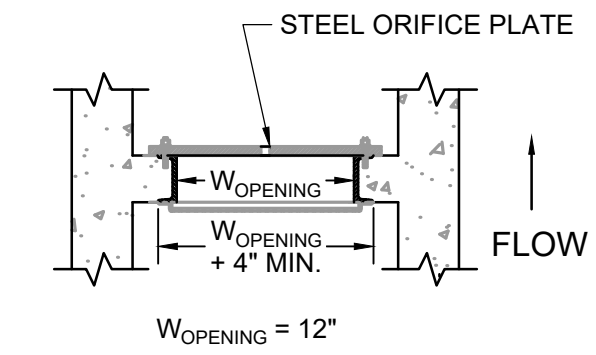
FLYING HORSE NORTH FILING 4  
 PRI #2, LLC.  
 EL PASO COUNTY, CO

POND DETAILS  
 POND C FOREBAY

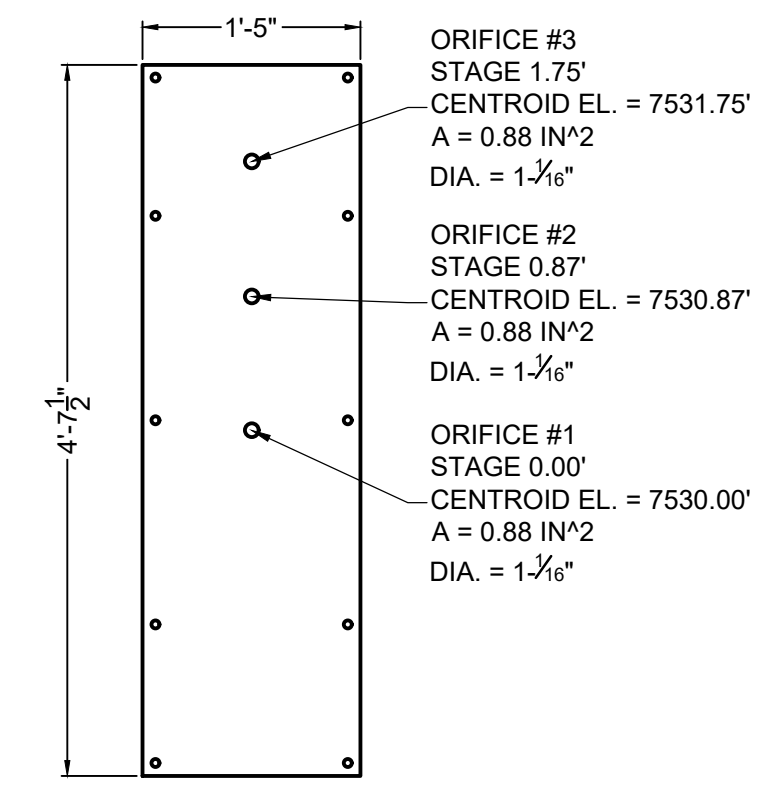
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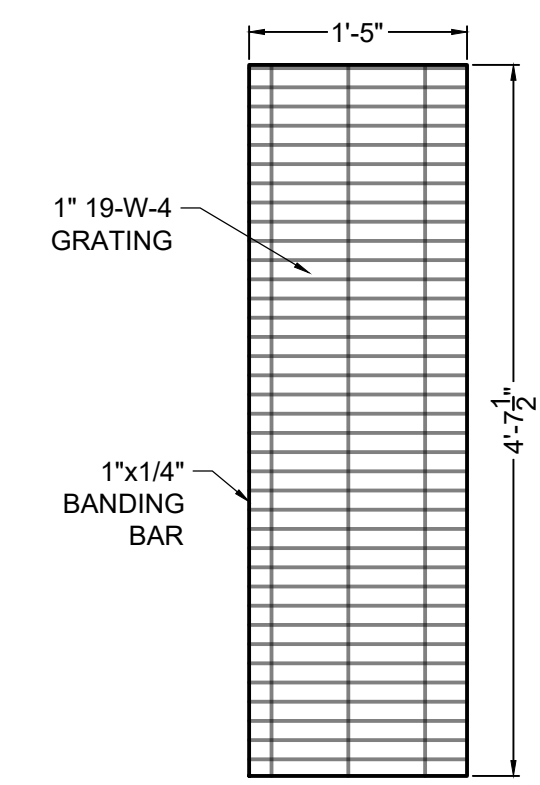
PLAN VIEW  
POND C OUTLET STRUCTURE  
SCALE: 1" = 1-1/4'



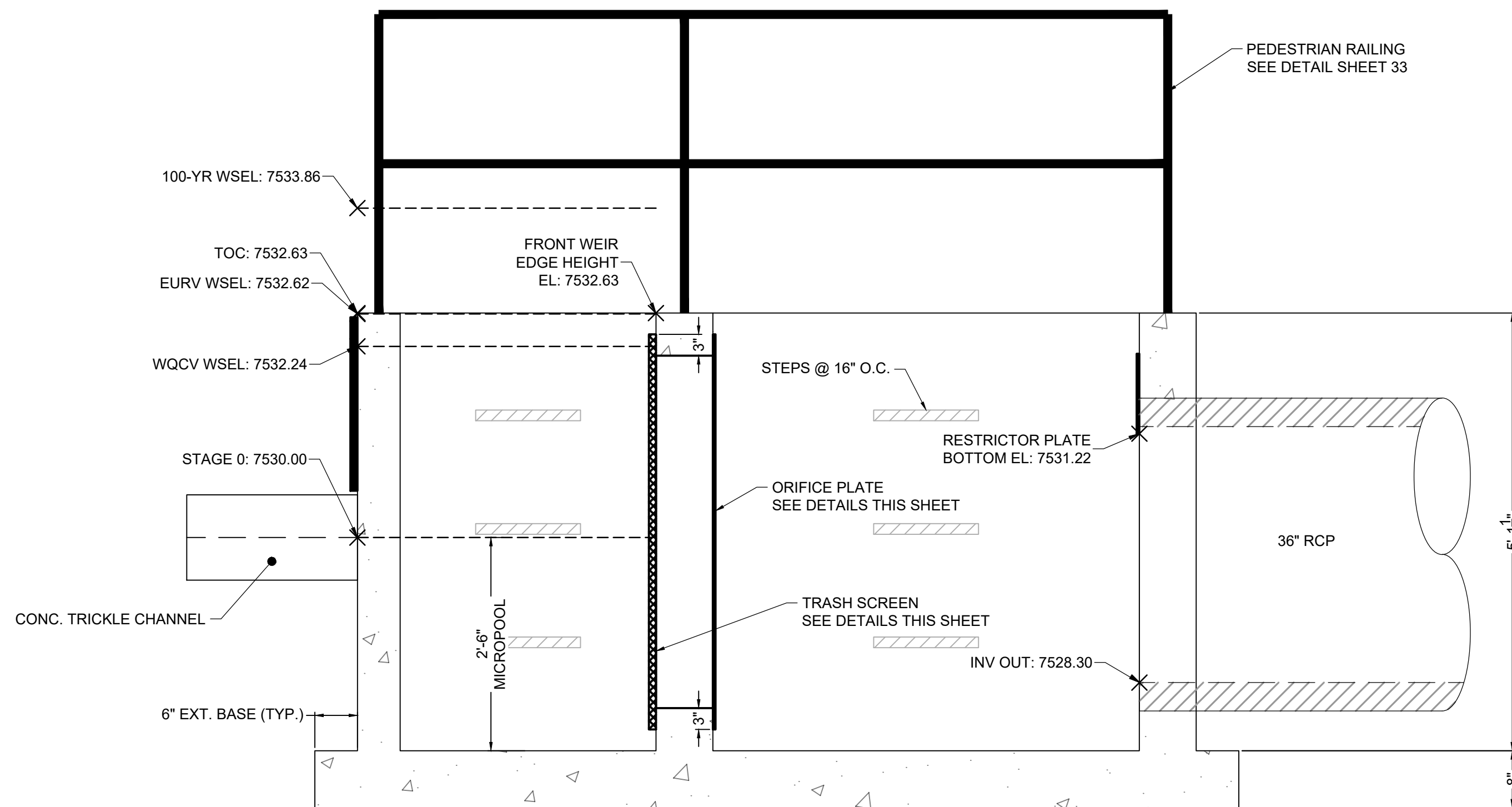
DETAIL  
TRASH SCREEN & ORIFICE PLATE  
SCALE: NTS



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



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



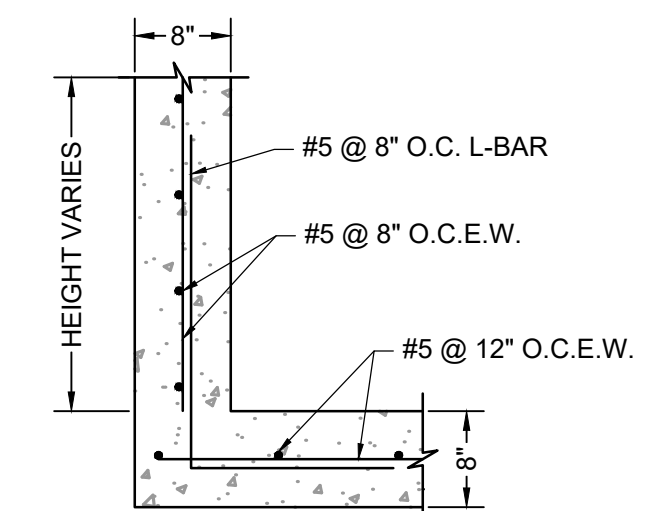
SECTION VIEW A-A  
POND C OUTLET STRUCTURE  
SCALE: 1" = 1-1/4'

**TRASH SCREEN NOTES:**

1. TRASH SCREEN SHALL BE STEEL 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: 9/16/24	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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NO.	DATE	BY	REVISION DESCRIPTION

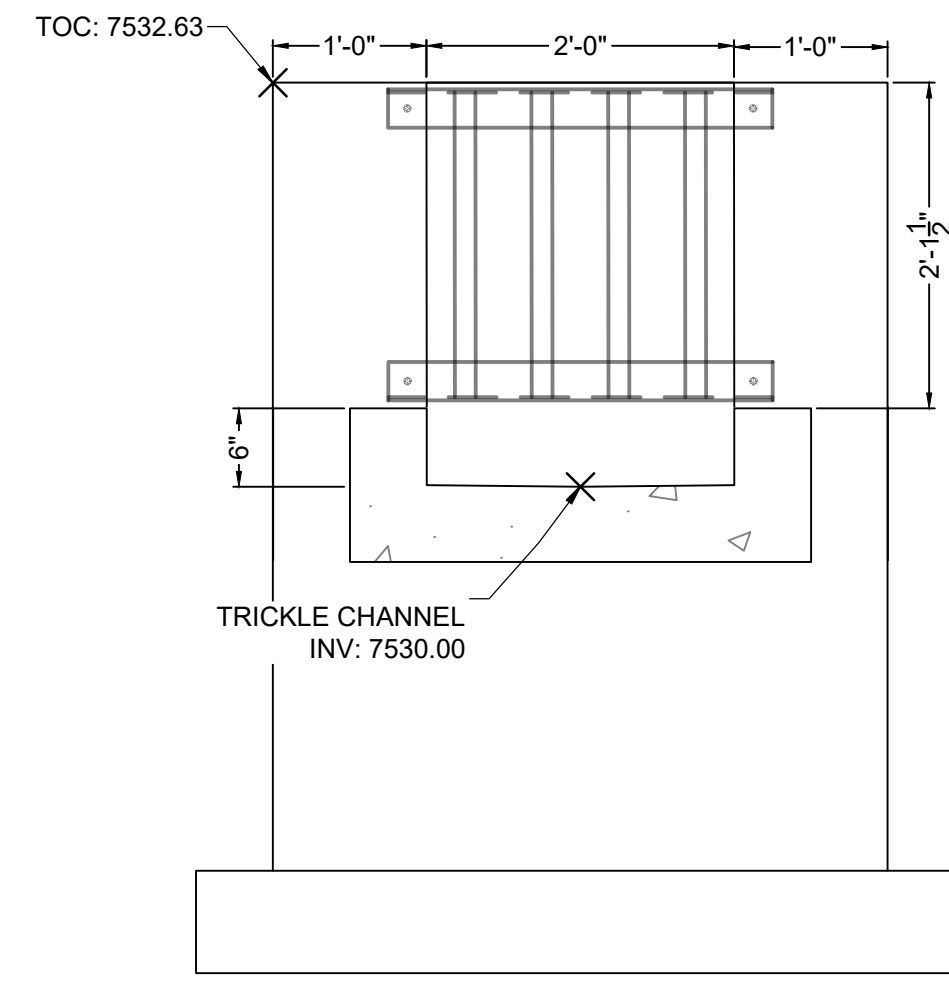
**HRGreen**  
 HR GREEN - COLORADO SPRINGS  
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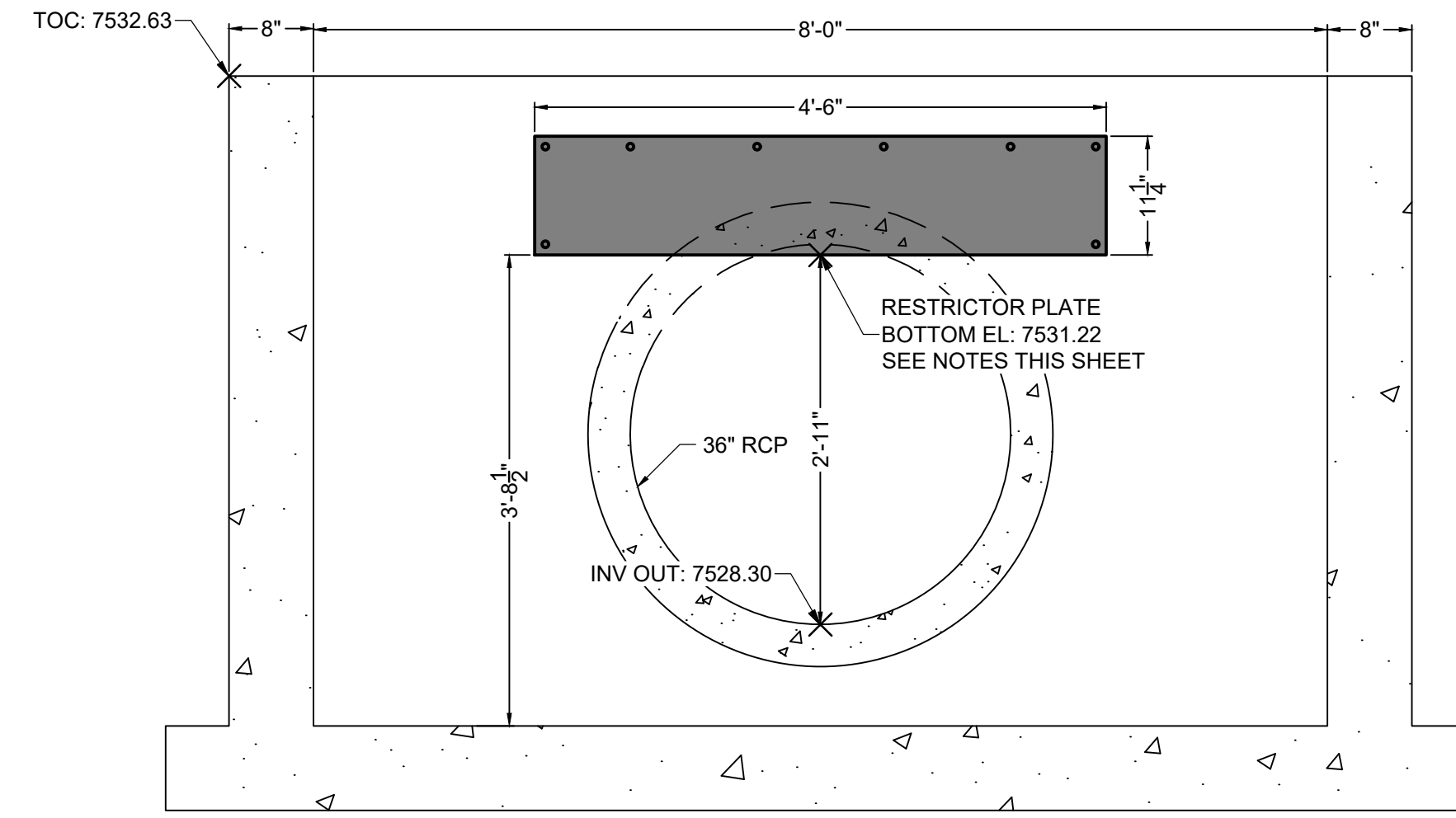
POND DETAILS  
 POND C OUTLET STRUCTURE

PCD FILE NO.: SF####  
 SHEET  
**PND**  
 32

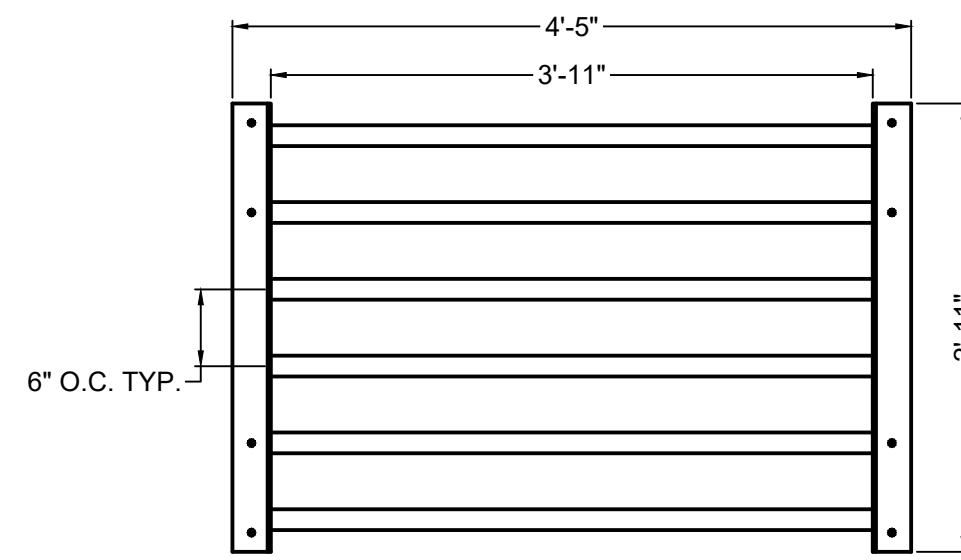




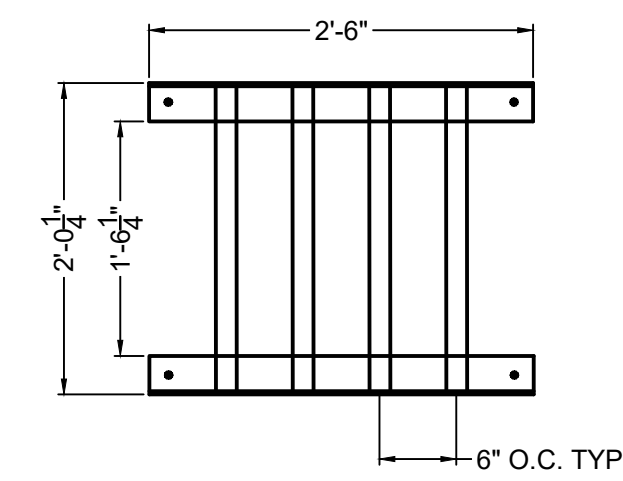
SECTION VIEW B-B  
FRONT FACE  
SCALE: 1" = 1-1/4'



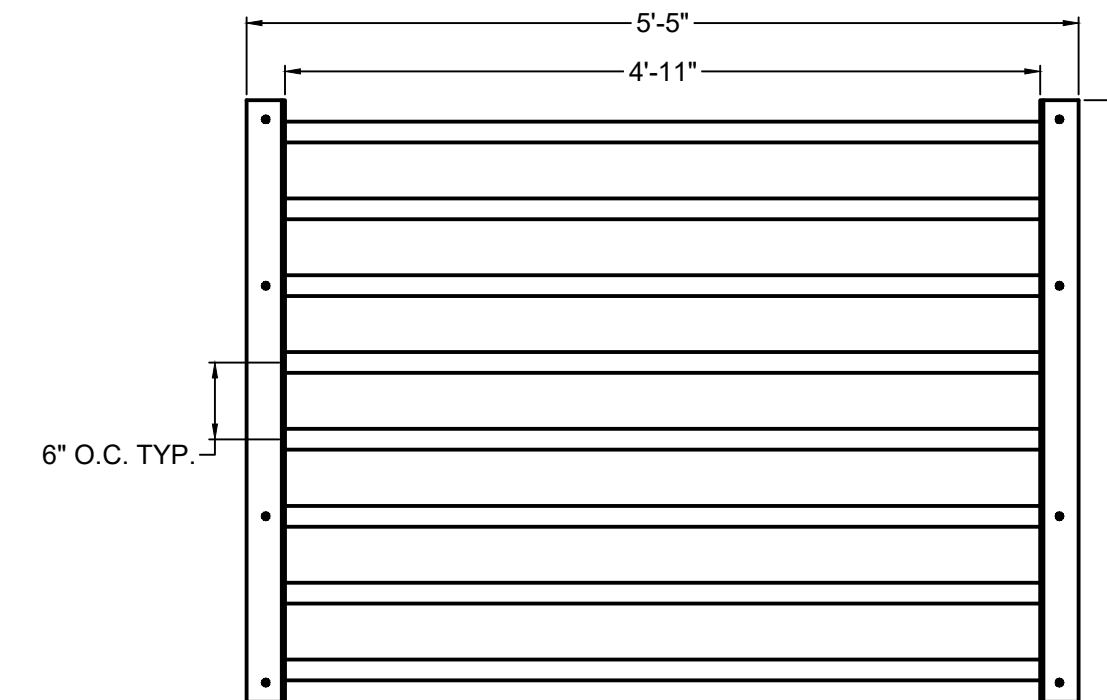
SECTION VIEW C-C  
RESTRICTOR PLATE  
SCALE: 1" = 1-1/4'



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



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



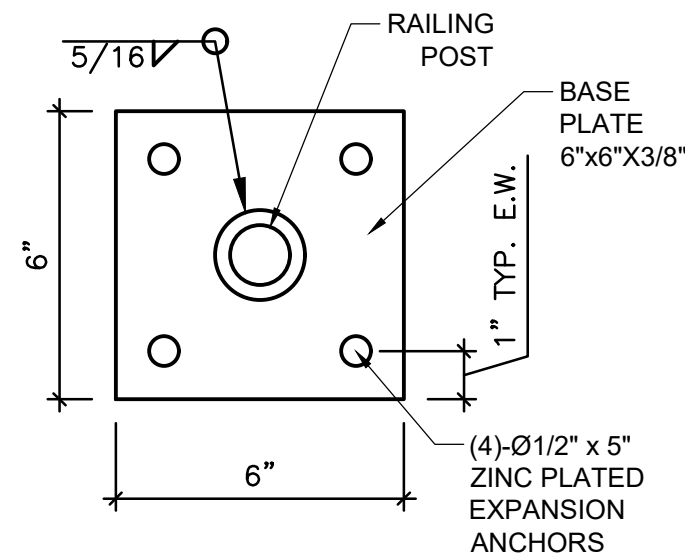
PLAN VIEW  
SAFETY GRATE - QTY. 2  
SCALE: 1" = 1-1/4'

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.

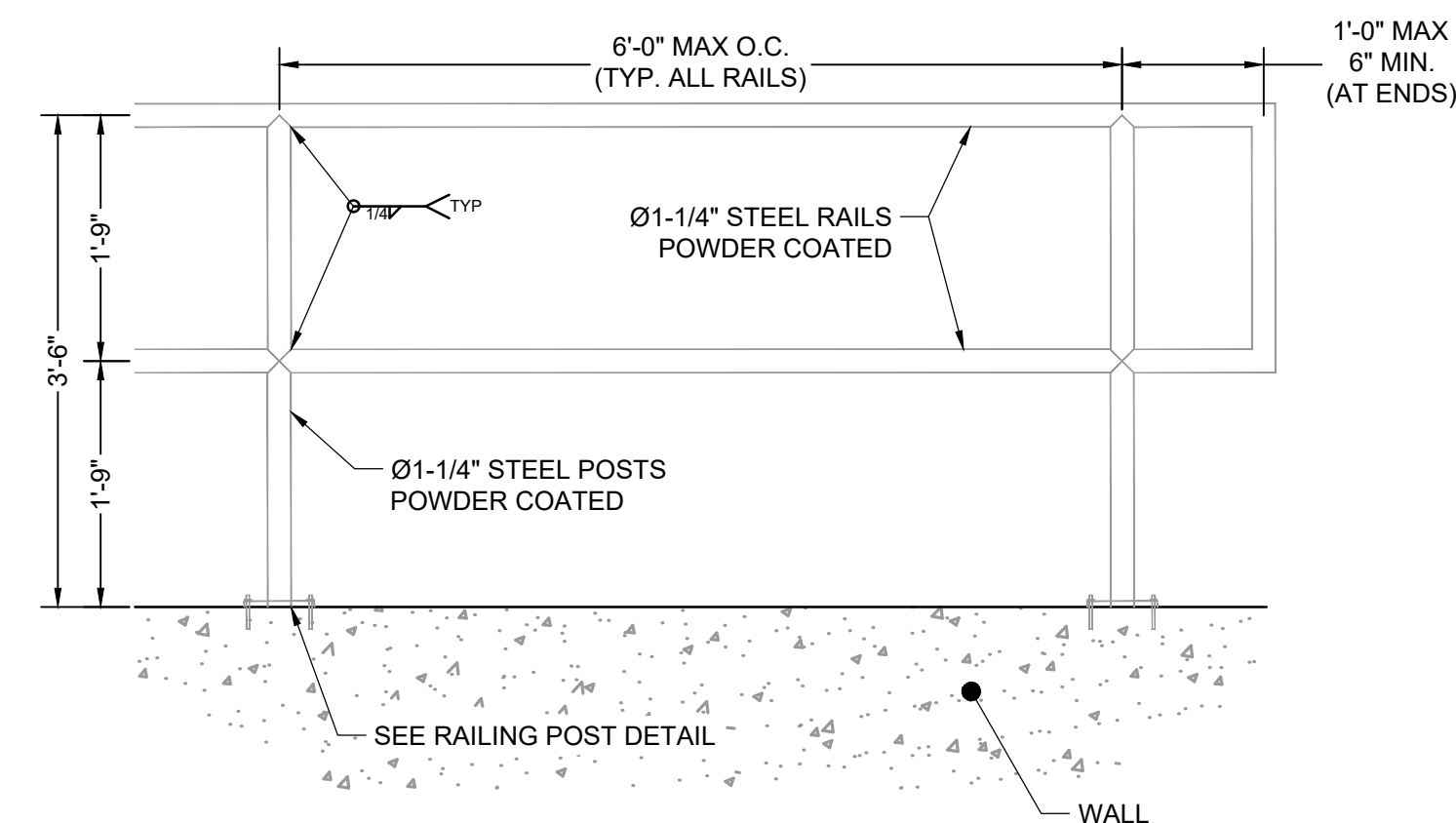
WARNING:  
THIS AREA IS A  
STORMWATER  
FACILITY AND  
IS SUBJECT TO  
PERIODIC  
FLOODING

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