

NOTES:

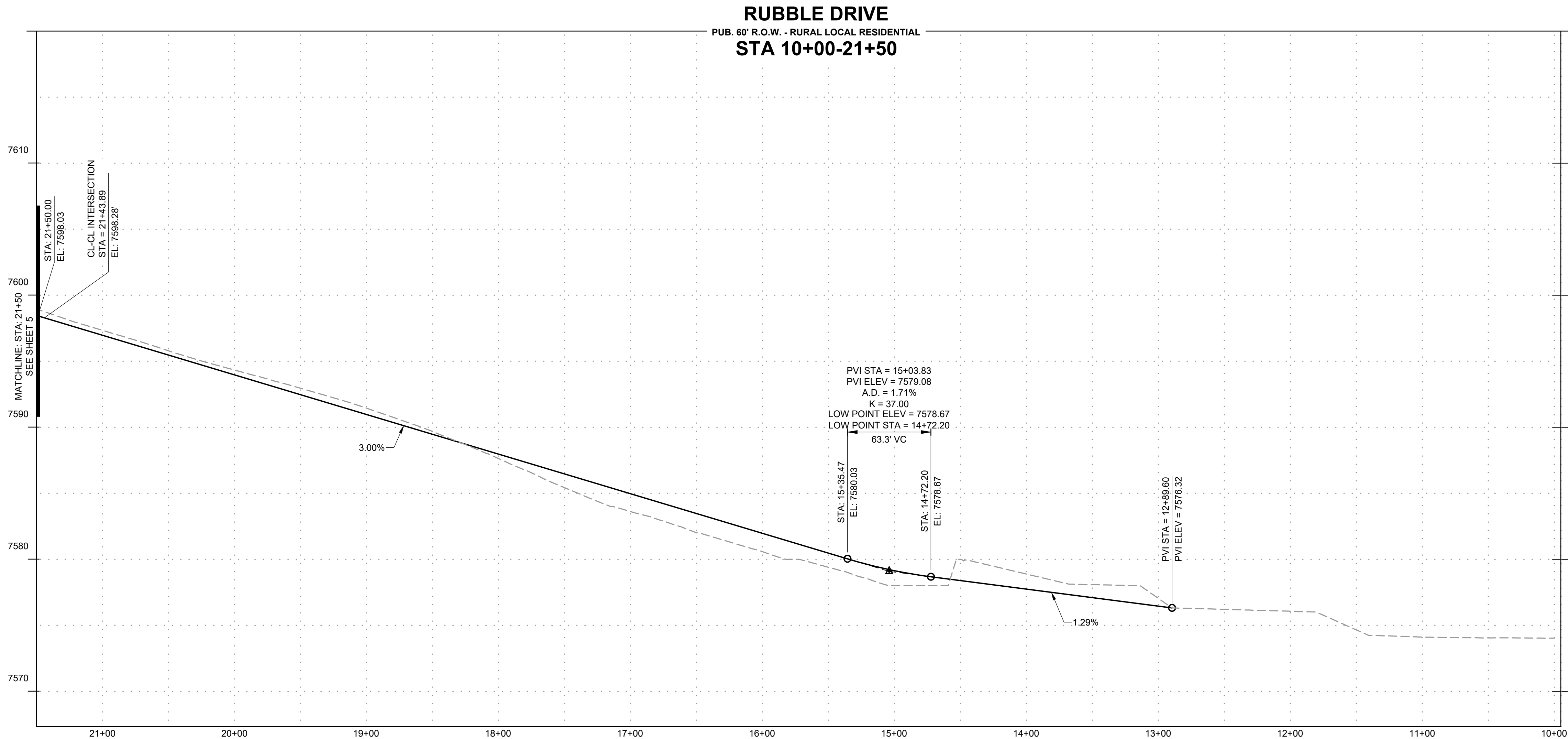
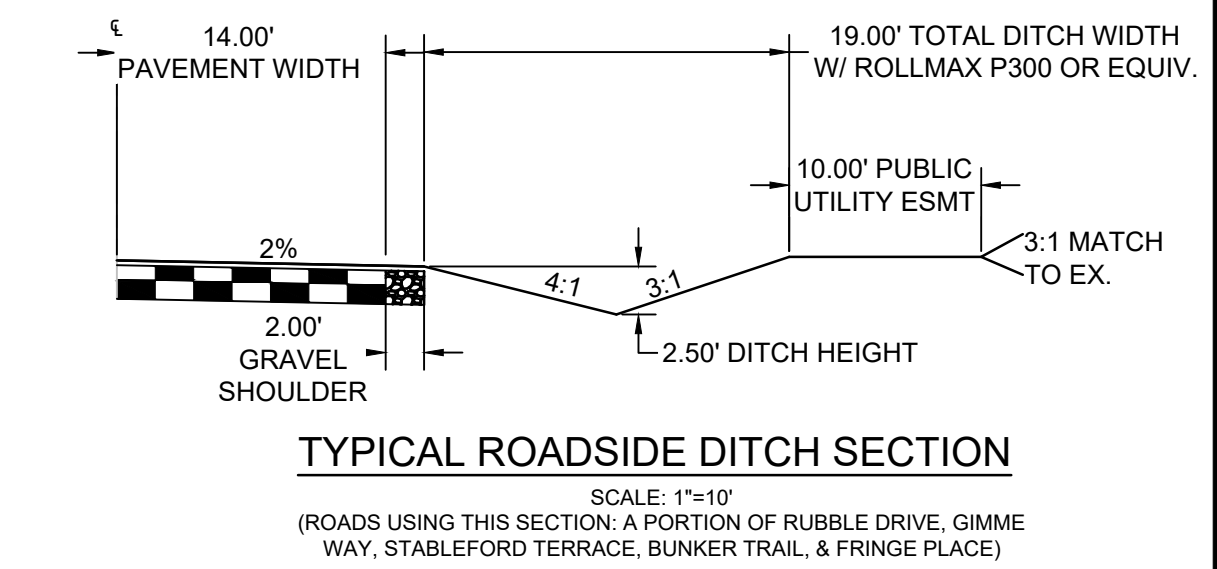
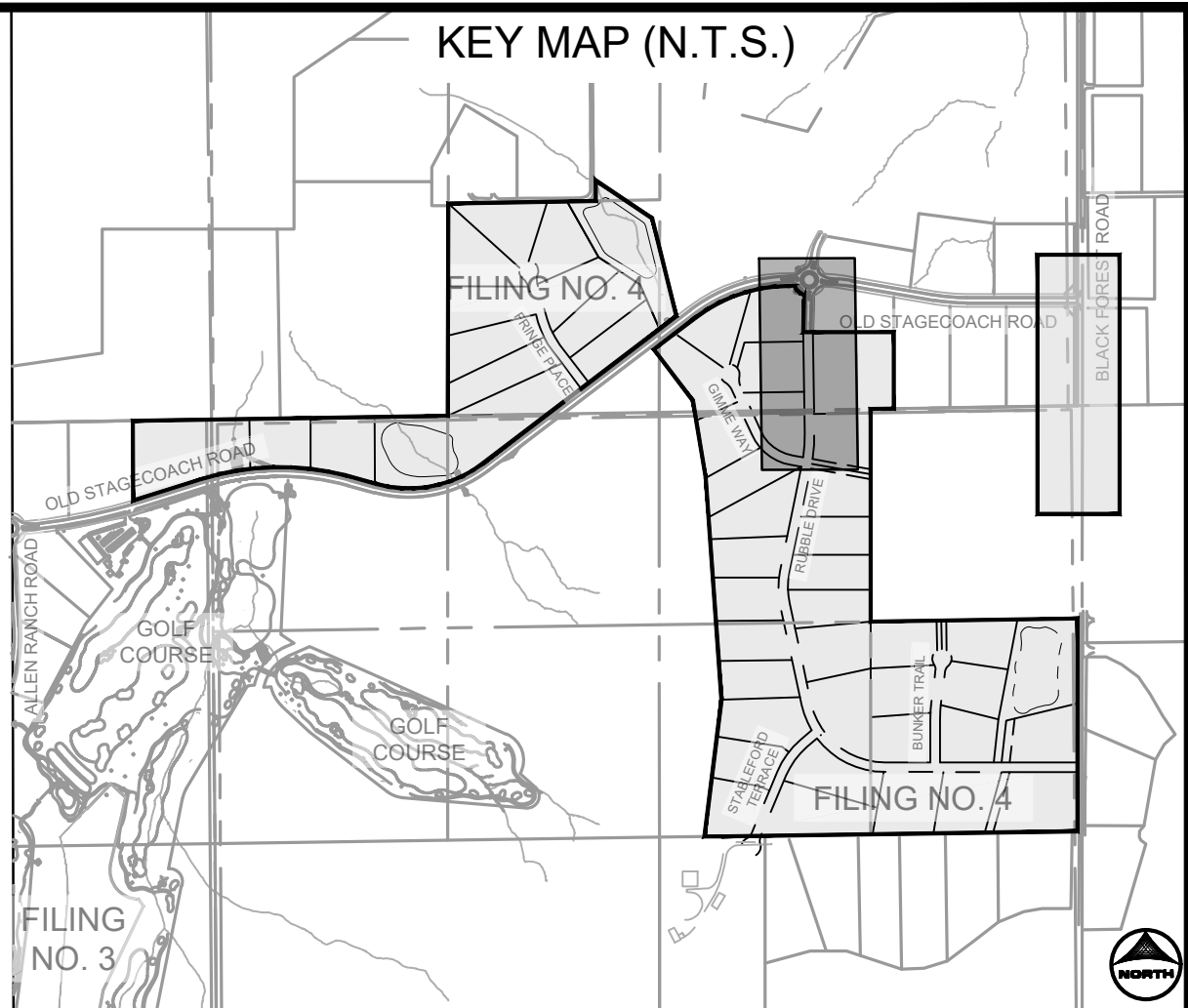
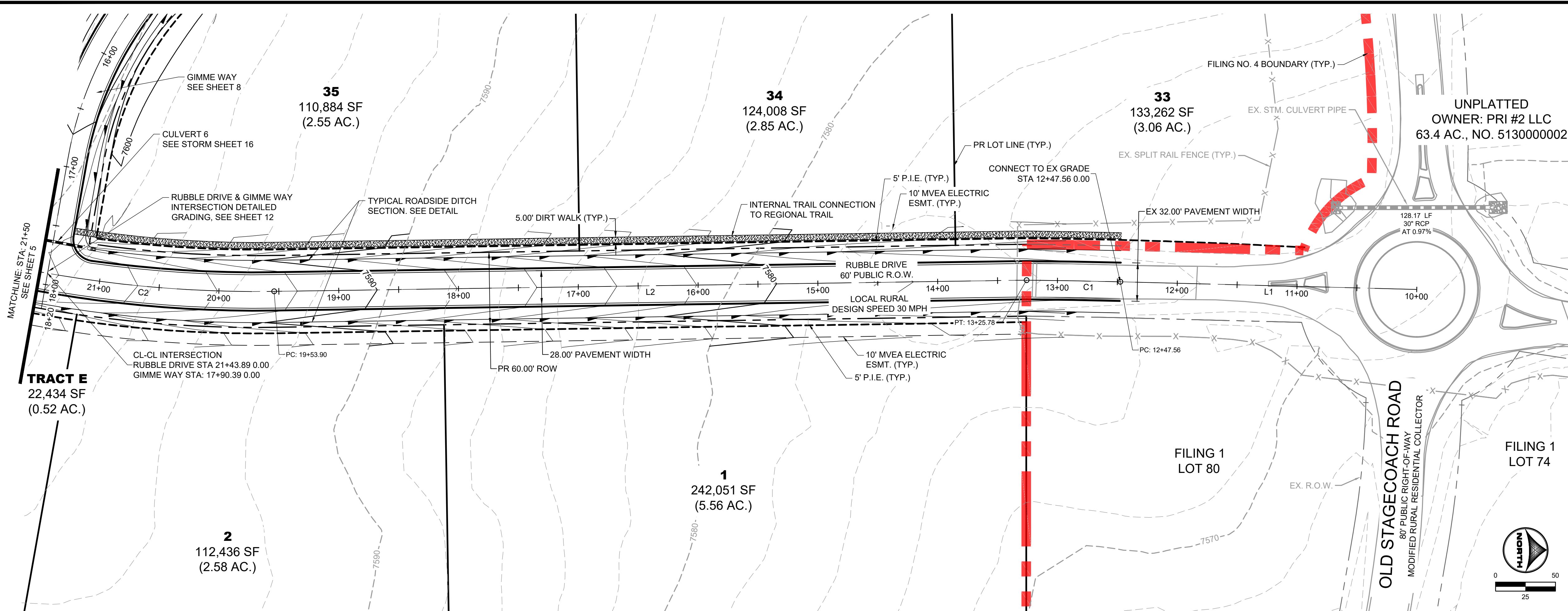
THE DRAINAGE EASEMENTS SHOWN WITHIN THESE PLANS ARE ON THE FINAL PLAT FOR THE SUBDIVISION. THE DRAINAGE EASEMENTS ARE TO INCLUDE AREAS AND THEY CONVEY WITH THE GEOLOGIC HAZARDS IDENTIFIED BY ENTECH IN THE REPORT ENTITLED SOILS AND GEOLOGY STUDY FLYING HORSE FILING NO. 4, DATED SEPTEMBER, 2024. THERE 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 FLOODING, EROSION, AND LAHAR IS TO BE CONFINED TO THE PLATTED DRAINAGE EASEMENTS. THERE IS A TOTAL OF ONE (1) STATUTE OR DECORATIVE FAUX STRUCTURE THAT IS SITED WITHIN A RAISED MEDIANS WITHIN THE FILING. STATUTES OR FAUX STRUCTURES ARE PERMITTED IN THESE AREAS WITH A LICENSE AGREEMENT WITH THE COUNTY. THEREFORE, 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 AVAILABLE PERMIT. THEREFORE, THESE CONSTRUCTION DRAWINGS ONLY PERMIT THE EVENTUAL SITING OF THESE STRUCTURES, NOT THE ACTUAL DESIGN.

BAR IS ONE INCH ON
OFFICIAL DRAWINGS.
0 1"
IF NOT ONE INCH,
ADJUST SCALE ACCORDINGLY



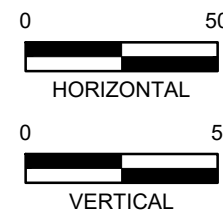
FLYING HORSE NORTH FILING 4
PRI #2, LLC.
EL PASO COUNTY, CO

SHEET	
SP	3



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

PROFILE LEGEND	
	EXISTING GROUND AT ROAD CENTERLINE
	PROPOSED GRADE AT ROAD CENTERLINE



DRAWN BY: CMD JOB DATE: 10/30/2024
APPROVED: RDL JOB NUMBER: 211030.240
CAD DATE: 11/1/2024
CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing_No_4\Street_A_PNP

BAR IS ONE INCH ON OFFICIAL DRAWINGS.
0" = 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

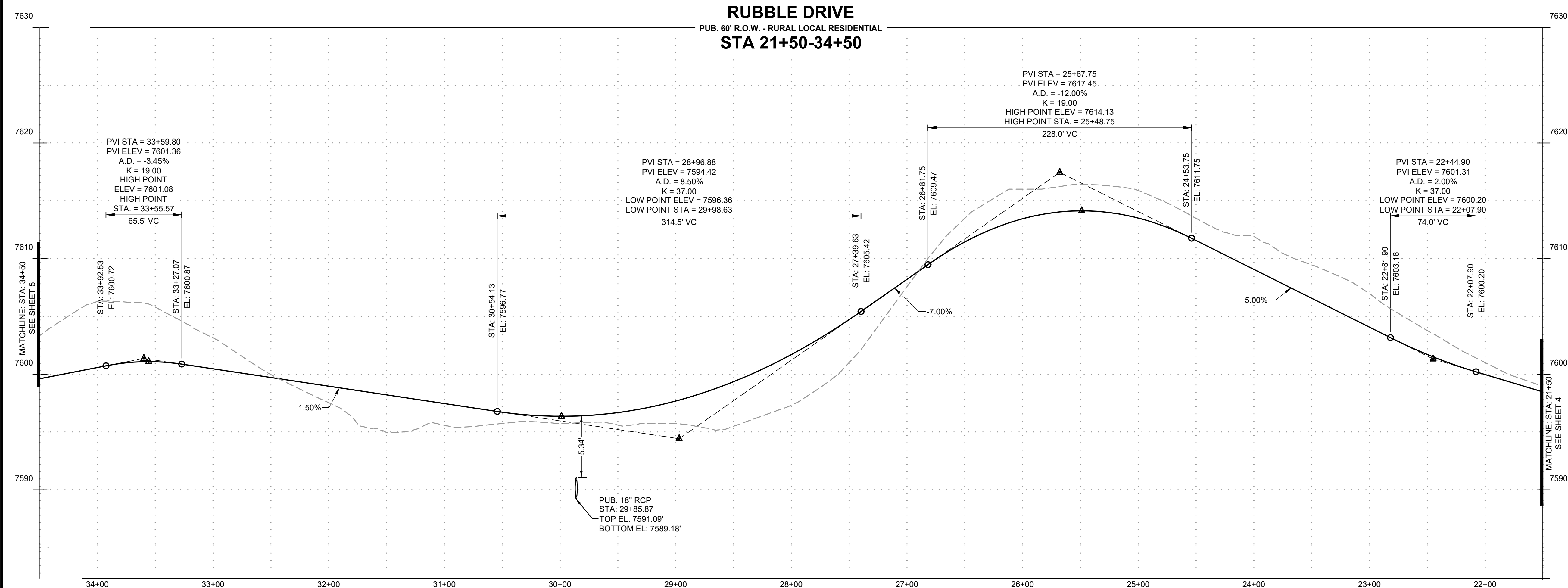
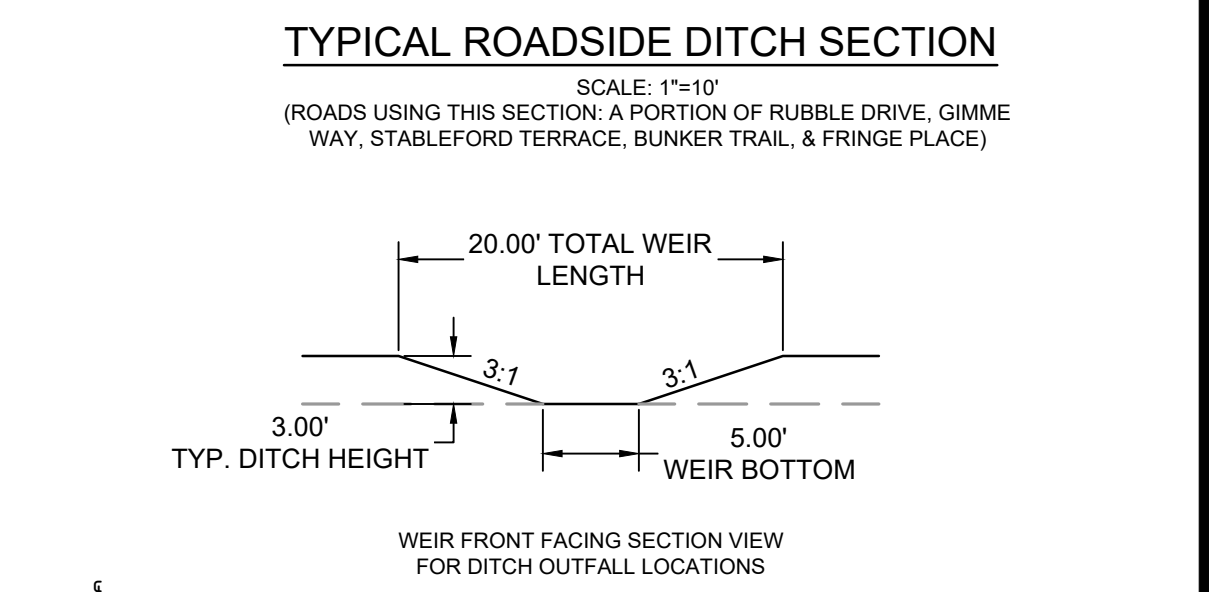
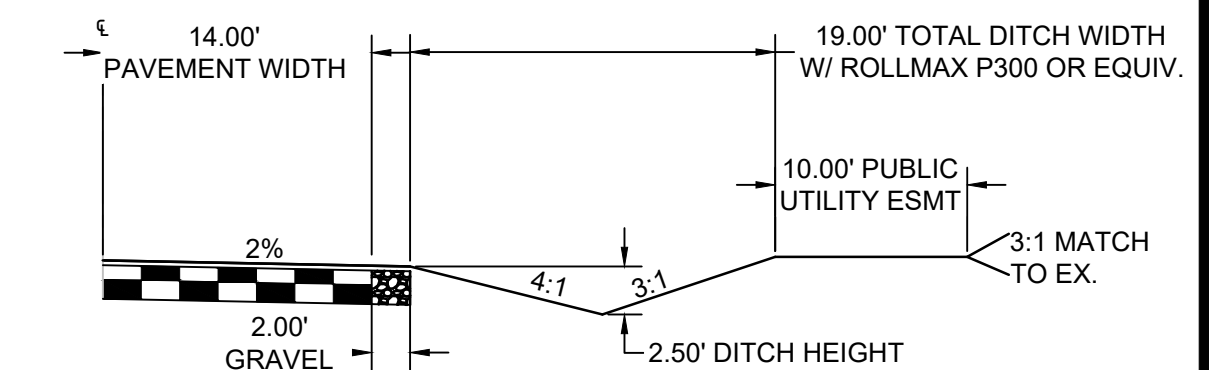
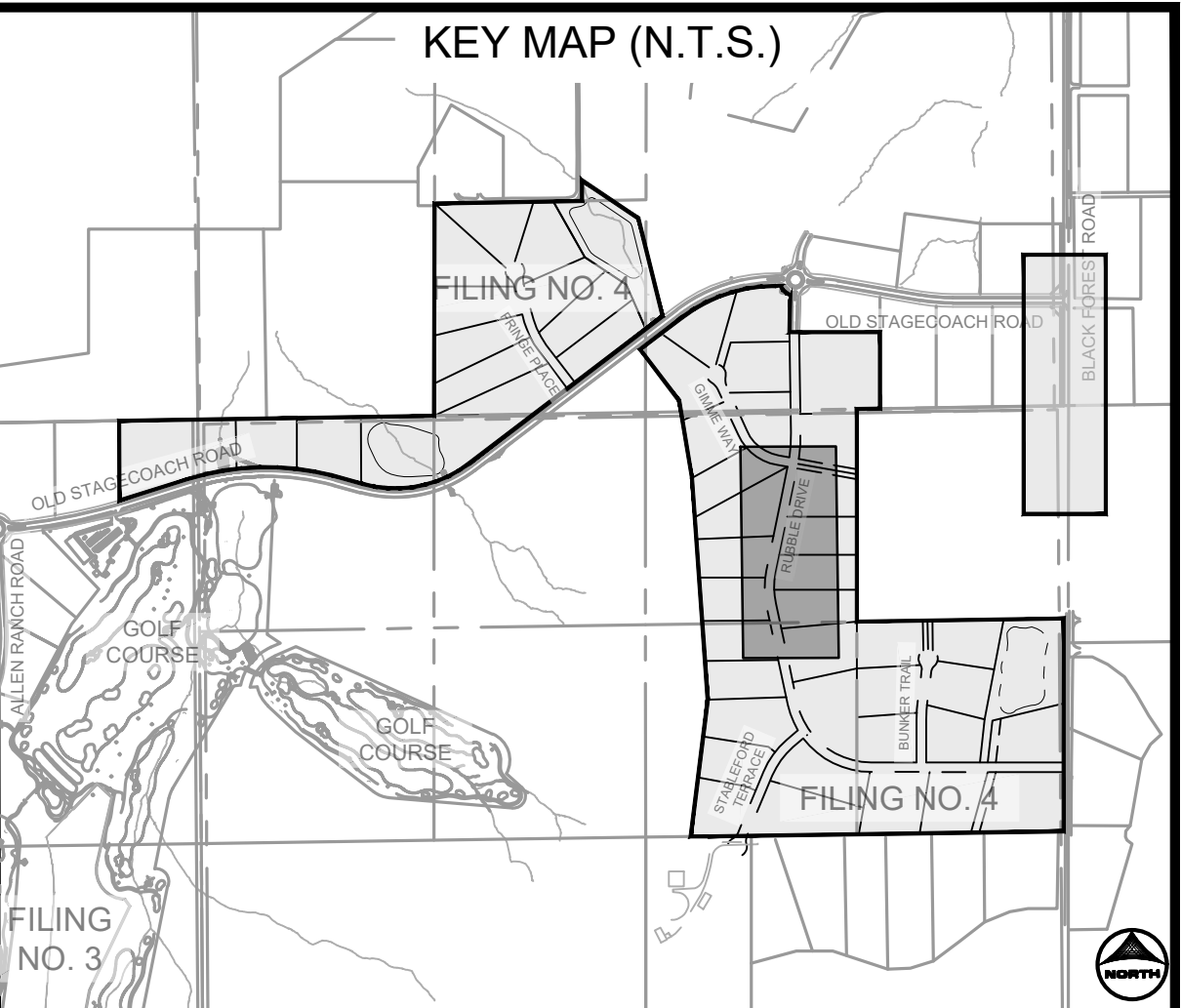
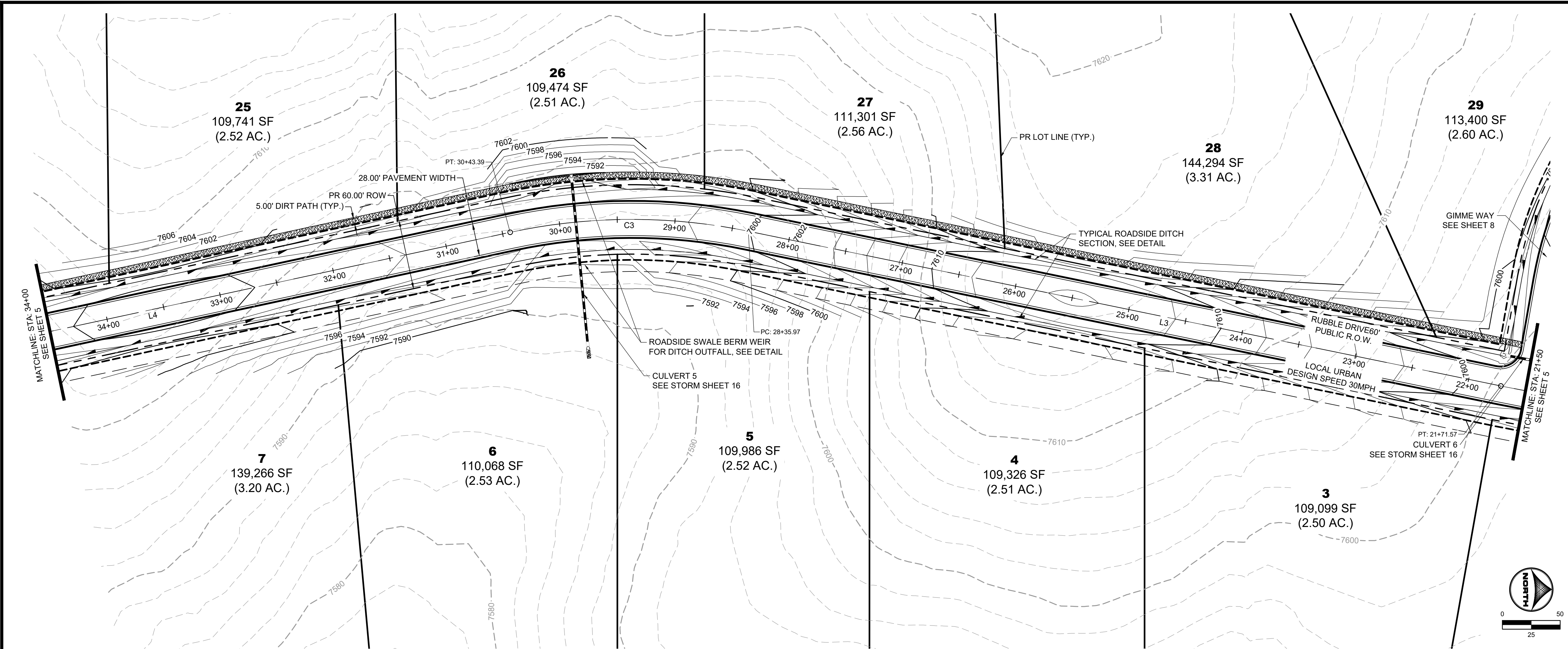
NO.	DATE	BY	REVISION DESCRIPTION

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

STREET PLAN & PROFILES
RUBBLE DRIVE

SHEET
ST
4



DRAWN BY: CMD	JOB DATE: 10/30/2024
APPROVED: RDL	JOB NUMBER: 211030.240
CAD DATE: 11/1/2024	
CAD FILE: J:\2021\211030\CAD\DWG\C\Filing_No_4\Street_A_PNP	

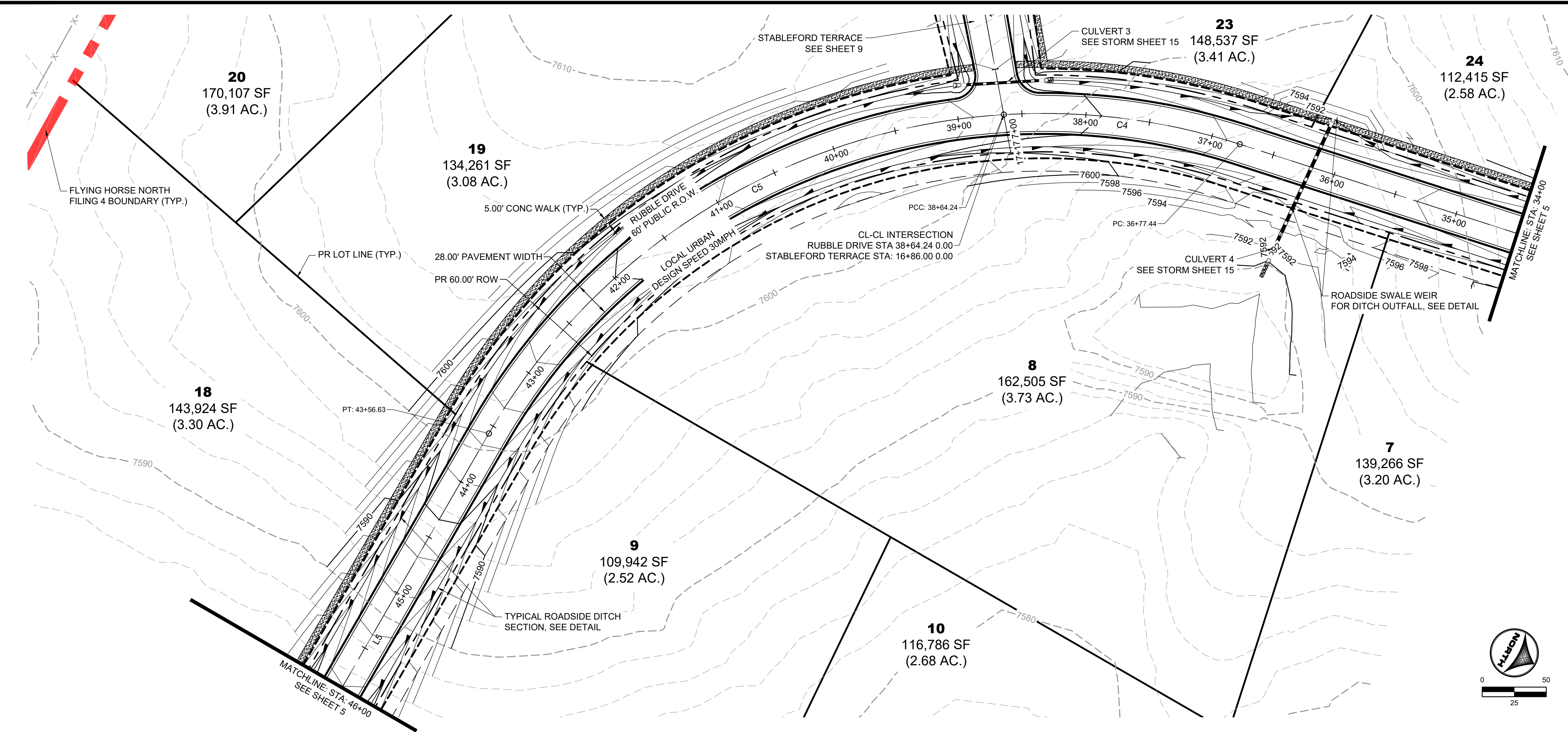
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NO.	DATE	BY	REVISION DESCRIPTION

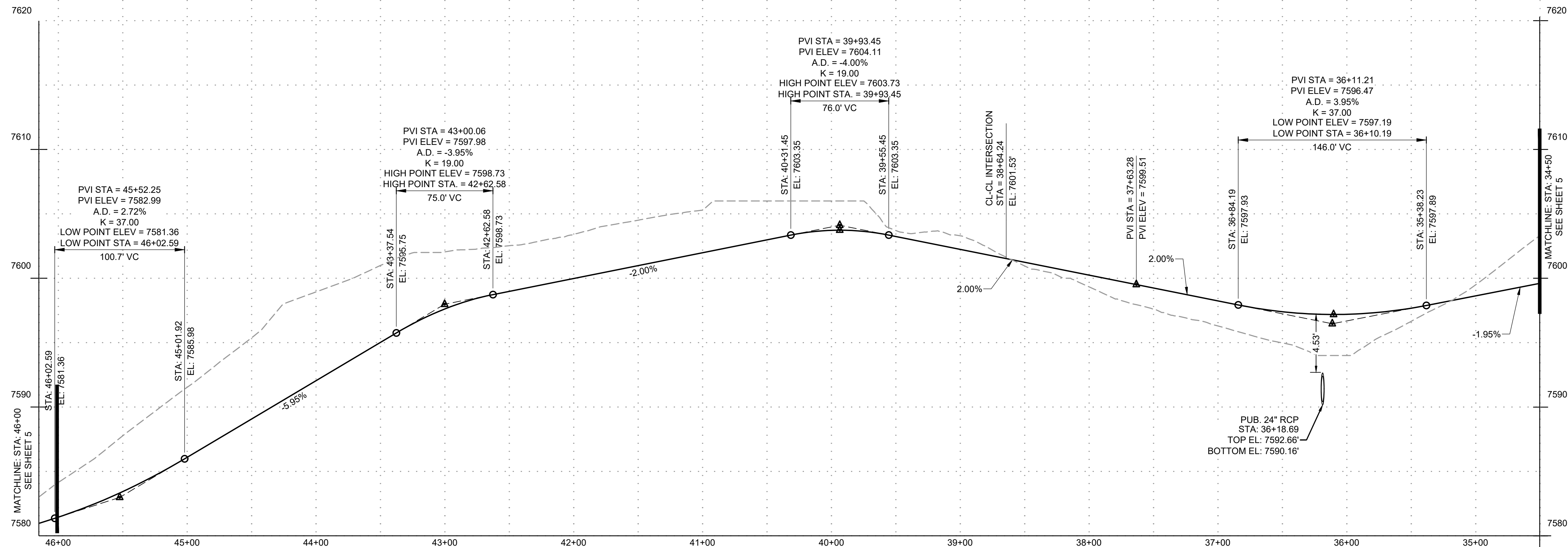
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
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FLYING HORSE NORTH FILING 4
PRI #2, LLC.
EL PASO COUNTY, CO

STREET PLAN & PROFILES
RUBBLE DRIVE

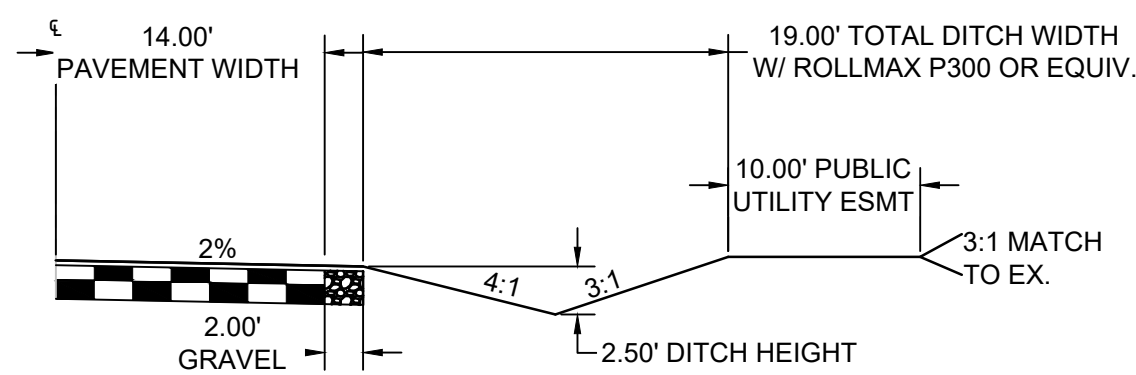
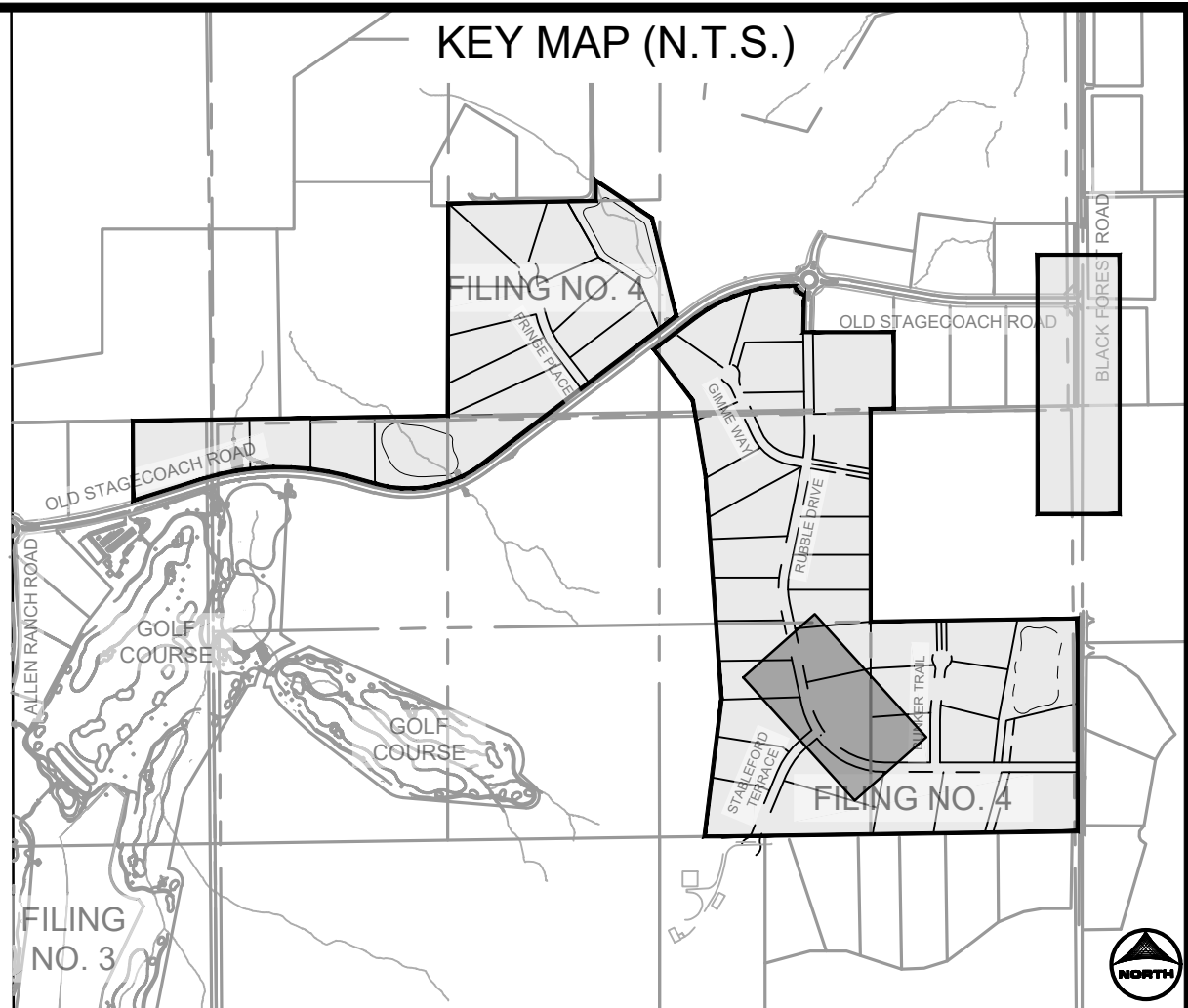
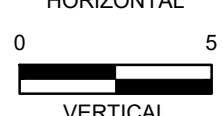


RUBBLE DRIVE
PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL
STA 34+50-46+15



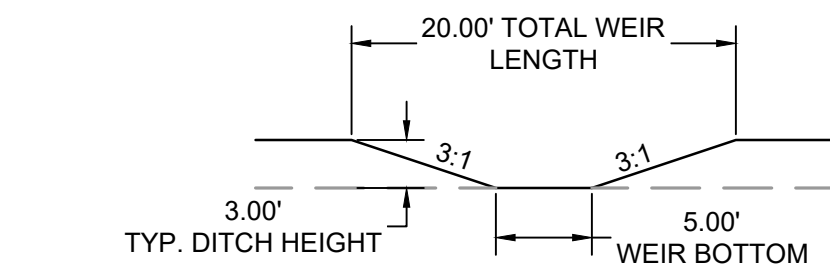
PROFILE LEGEND

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

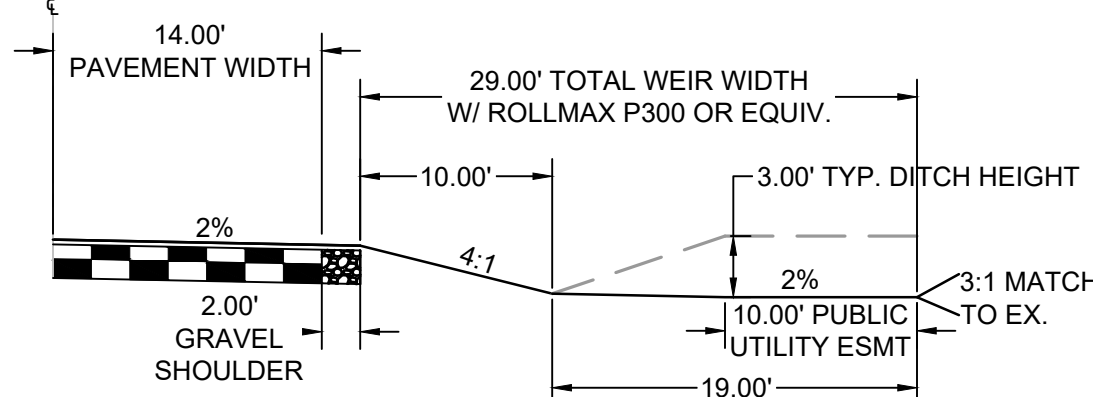


TYPICAL ROADSIDE DITCH SECTION

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



WEIR FRONT FACING SECTION VIEW FOR DITCH OUTFALL LOCATIONS



ROADSIDE DITCH OUTFALL WEIR

SCALE: 1"=10'

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NO.	DATE	BY	REVISION DESCRIPTION



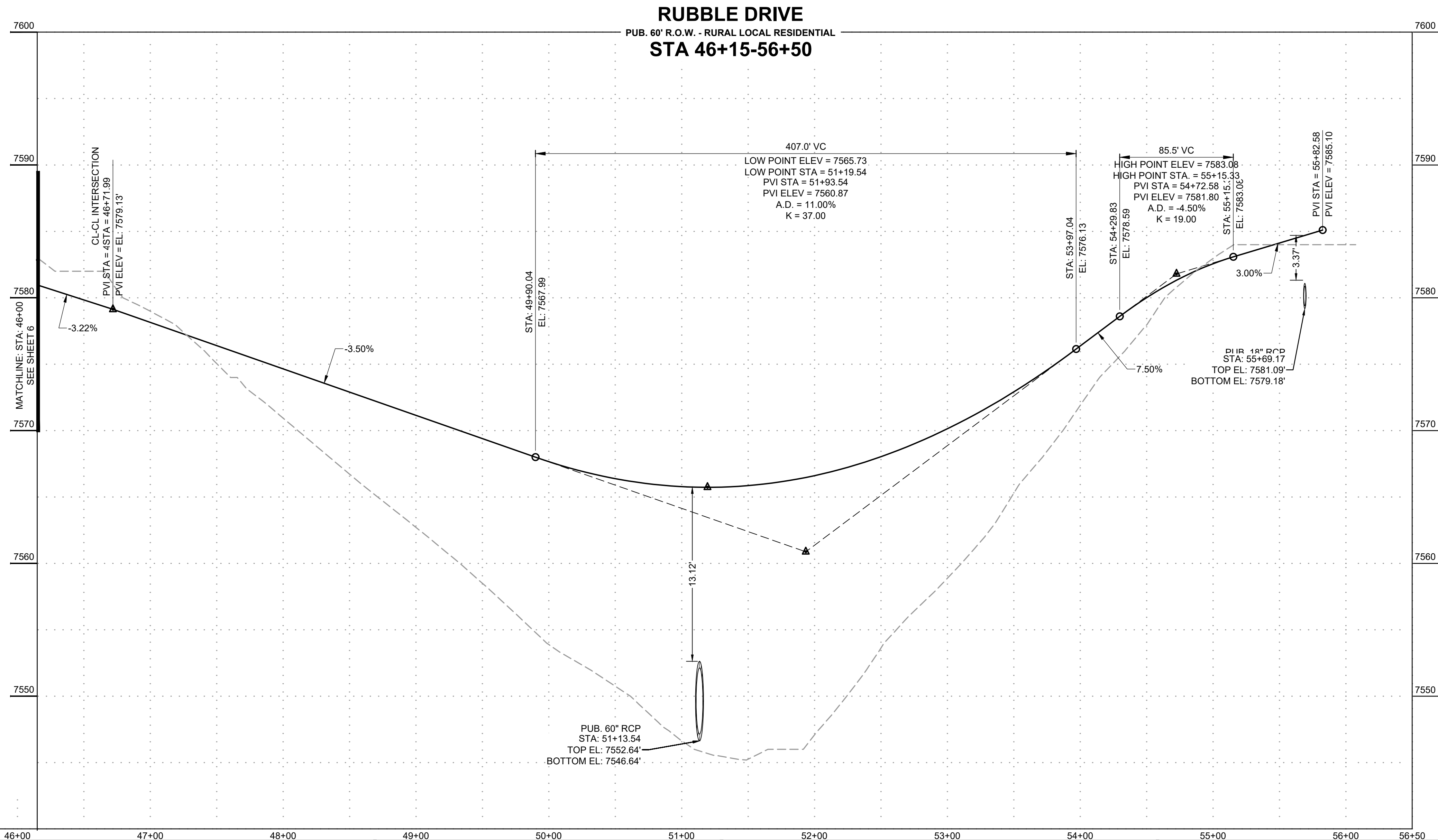
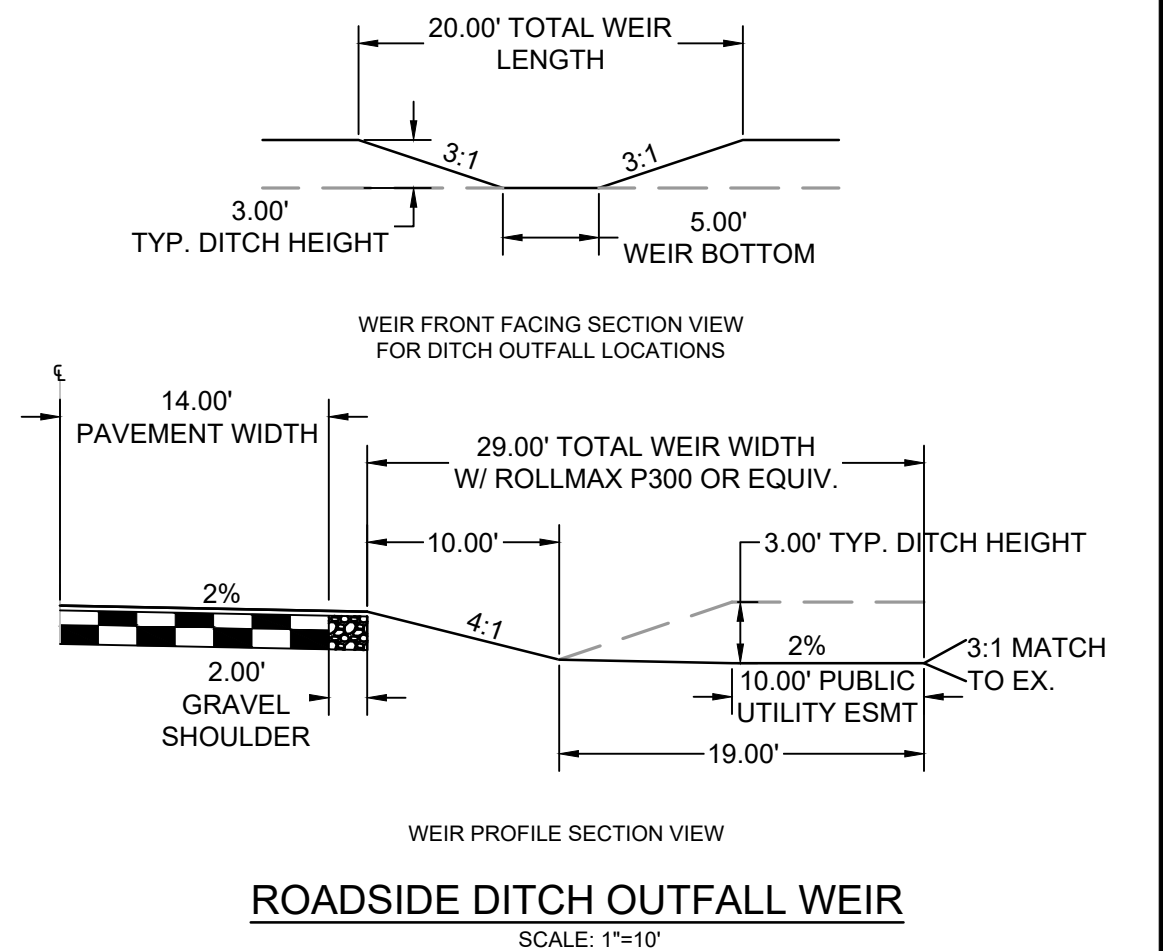
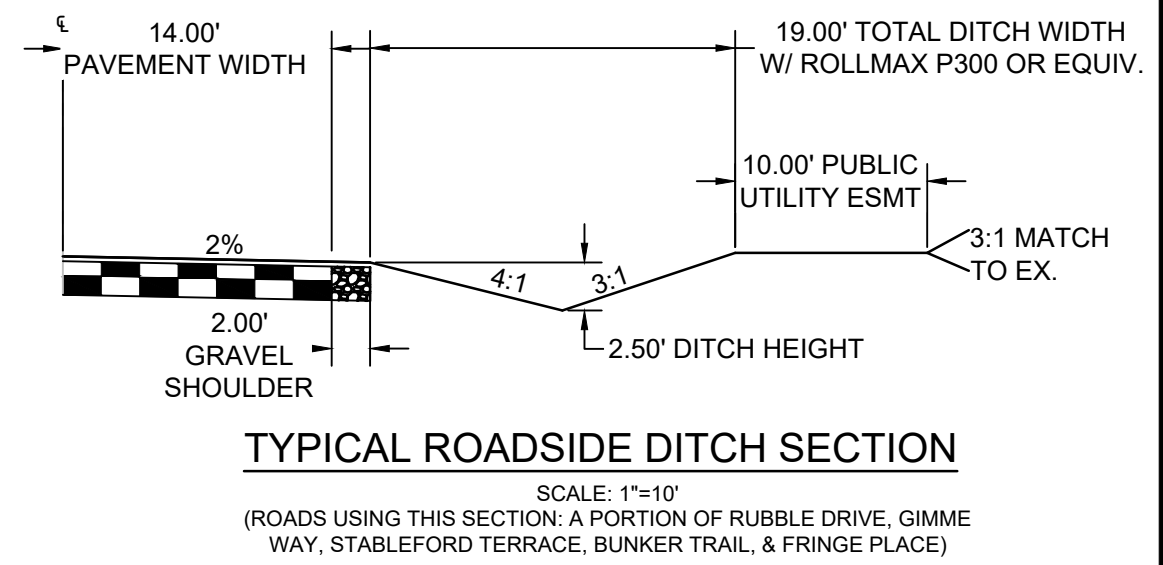
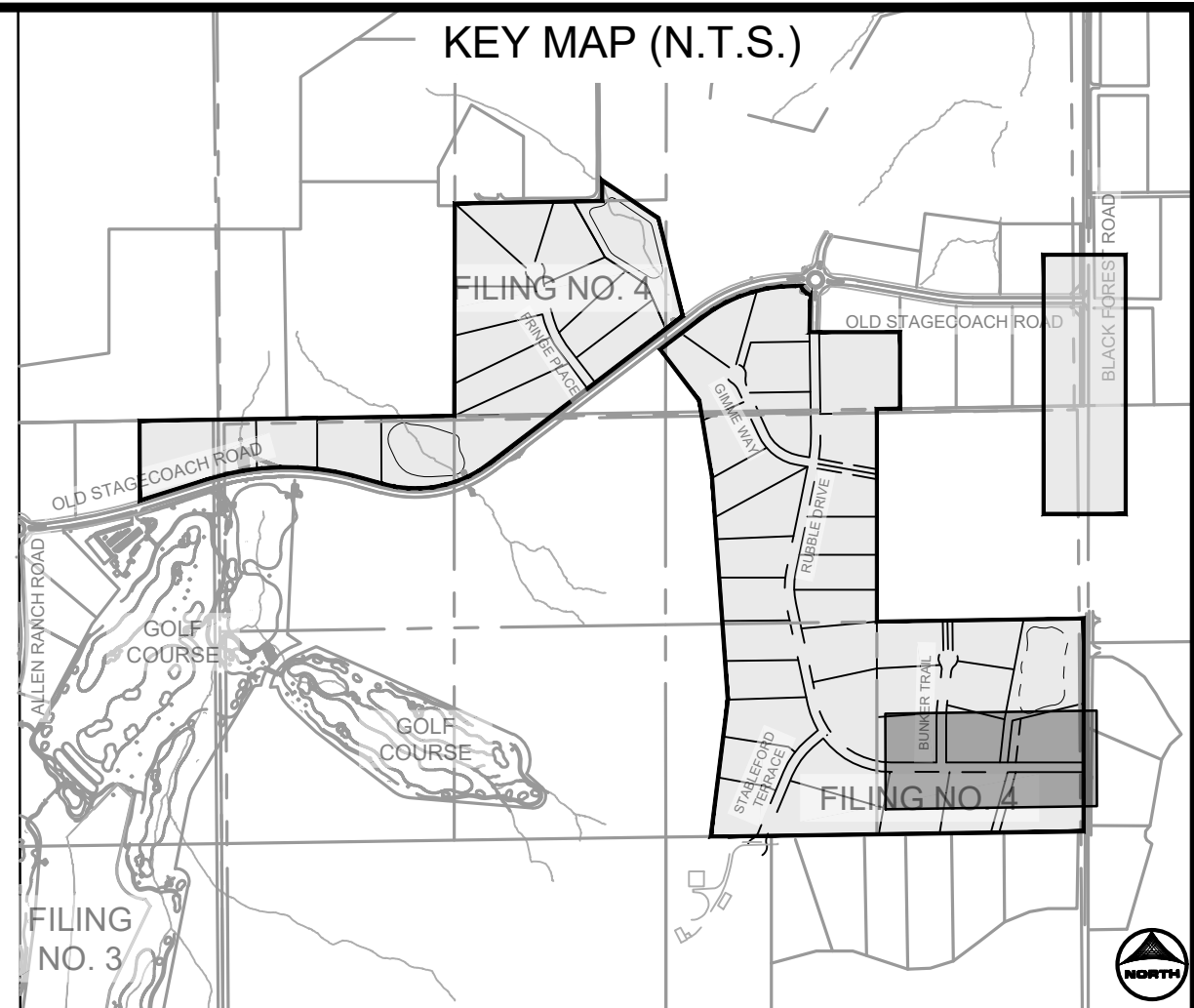
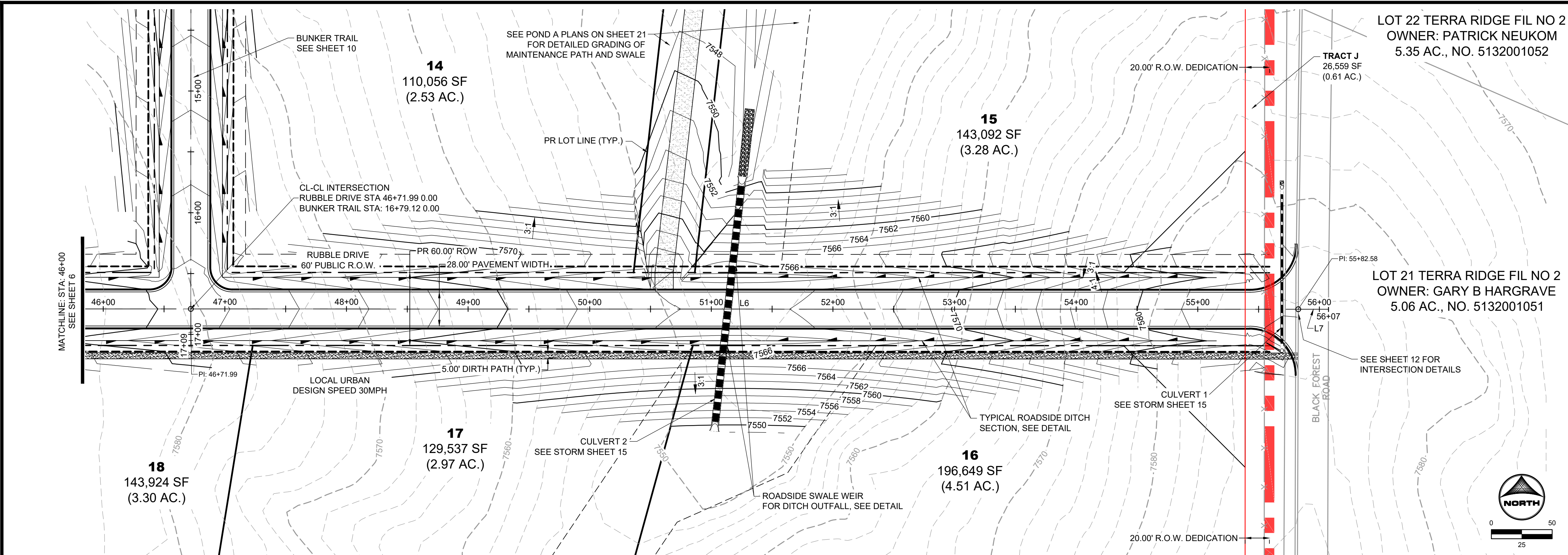
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

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

STREET PLAN & PROFILES
RUBBLE DRIVE

SHEET
ST

6



DRAWN BY: CMD	JOB DATE: 10/30/2024	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: RDL	JOB NUMBER: 211030.240	0" 1"
CAD DATE: 11/1/2024		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
CAD FILE: J:\2021\211030\CAD\DWG\C\Filing_No_4\Street_A_PNP		

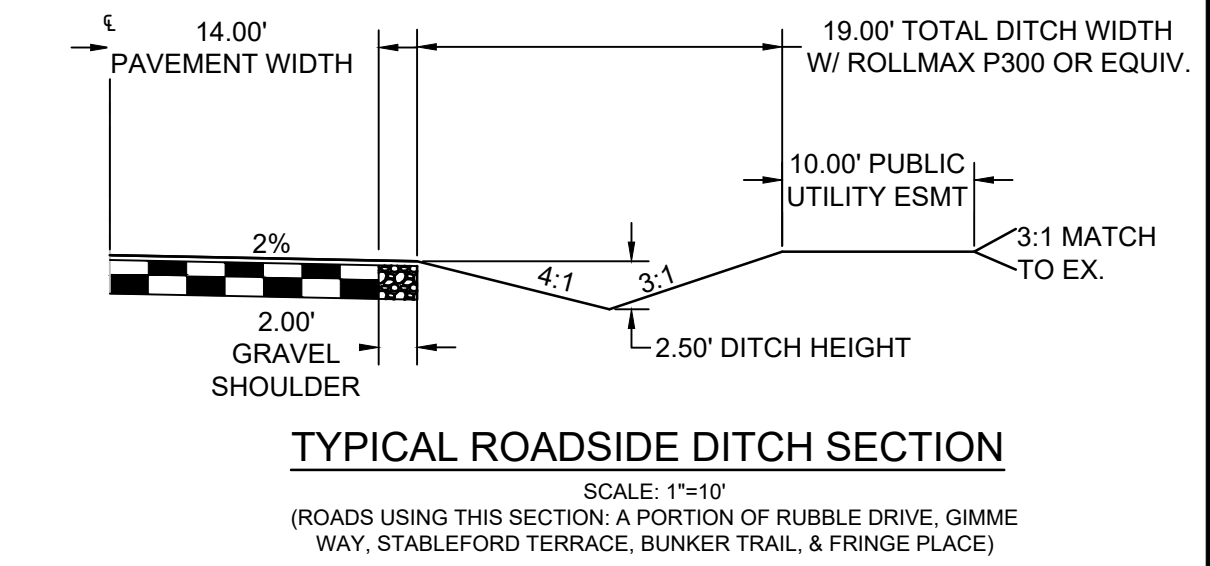
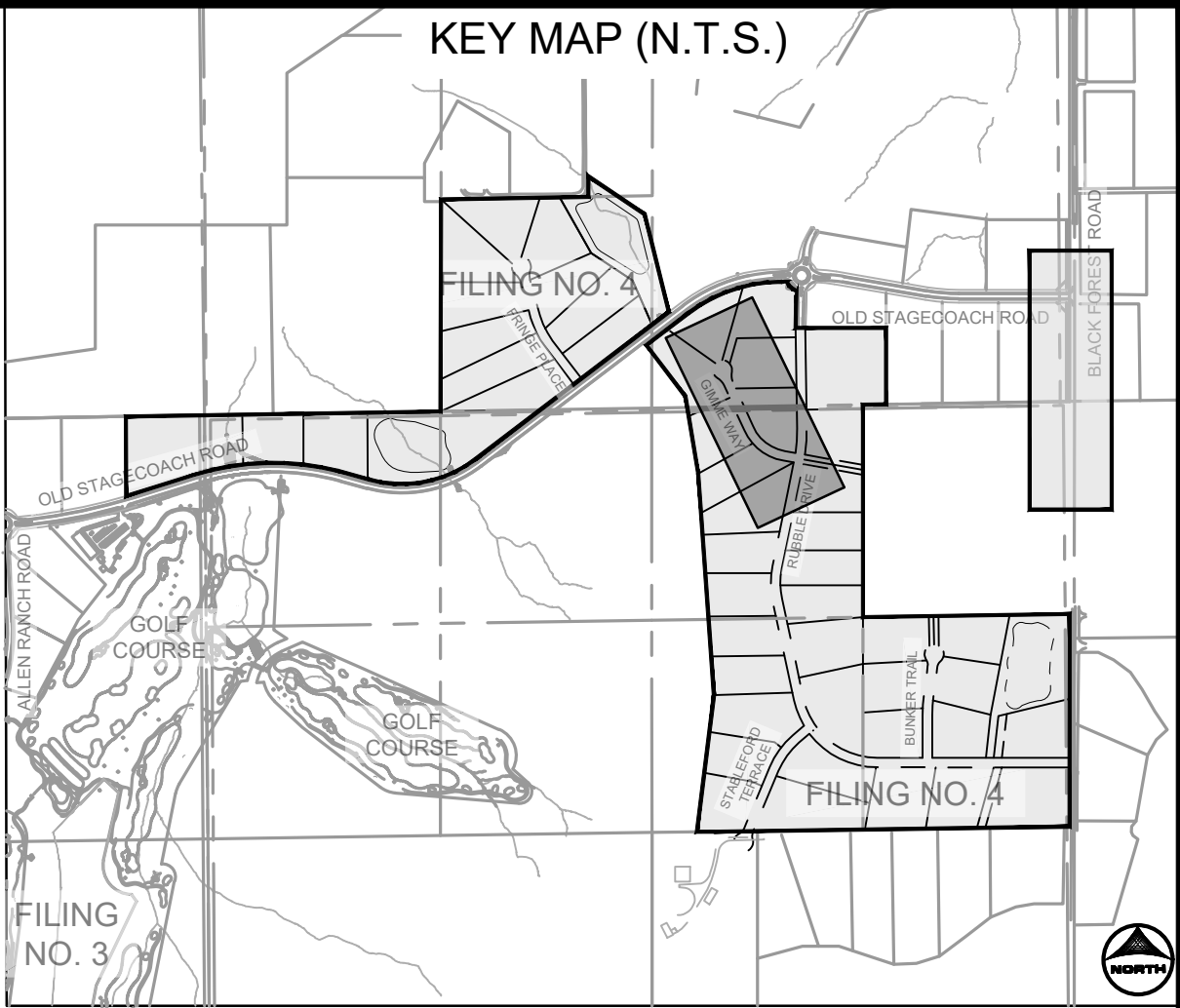
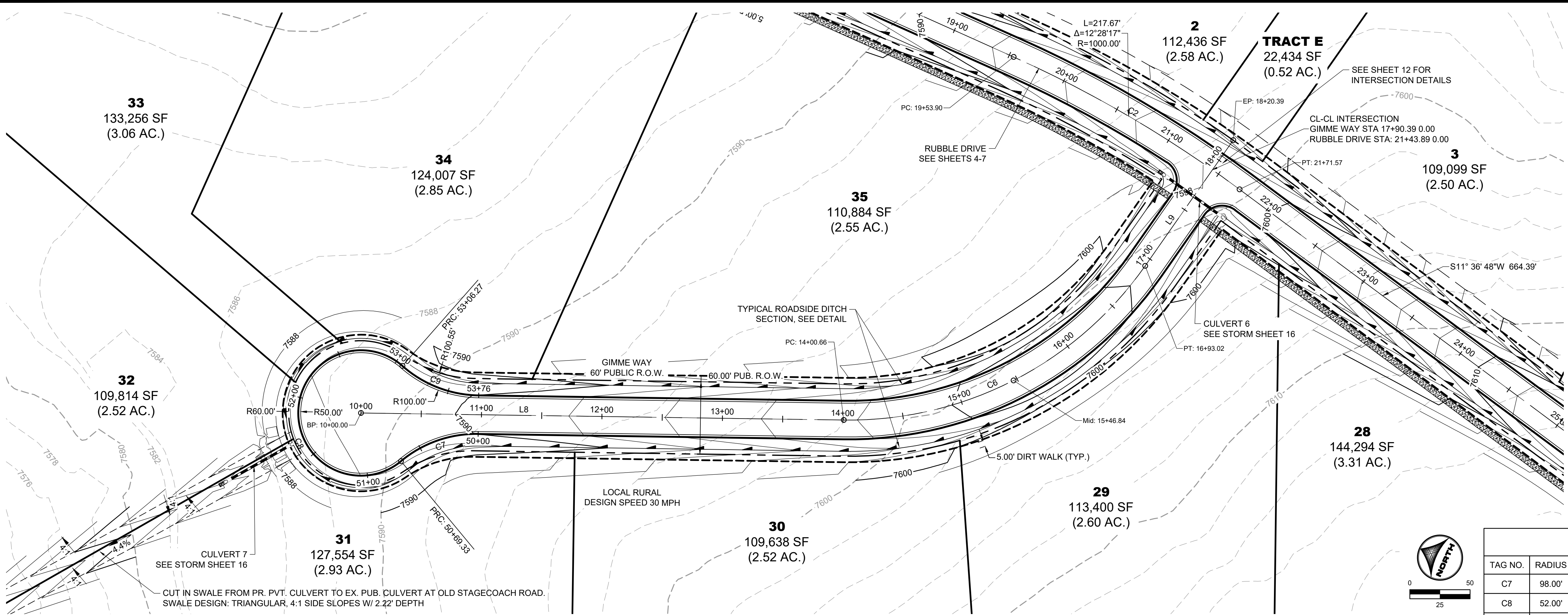
NO.	DATE	BY	REVISION DESCRIPTION

HR GREEN - COLORADO SPRINGS 1975 RESEARCH PARKWAY SUITE 160 COLORADO SPRINGS, CO 80920 PHONE: 719.300.4140 FAX: 713.965.0044
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FLYING HORSE NORTH FILING 4 PRI #2, LLC. EL PASO COUNTY, CO

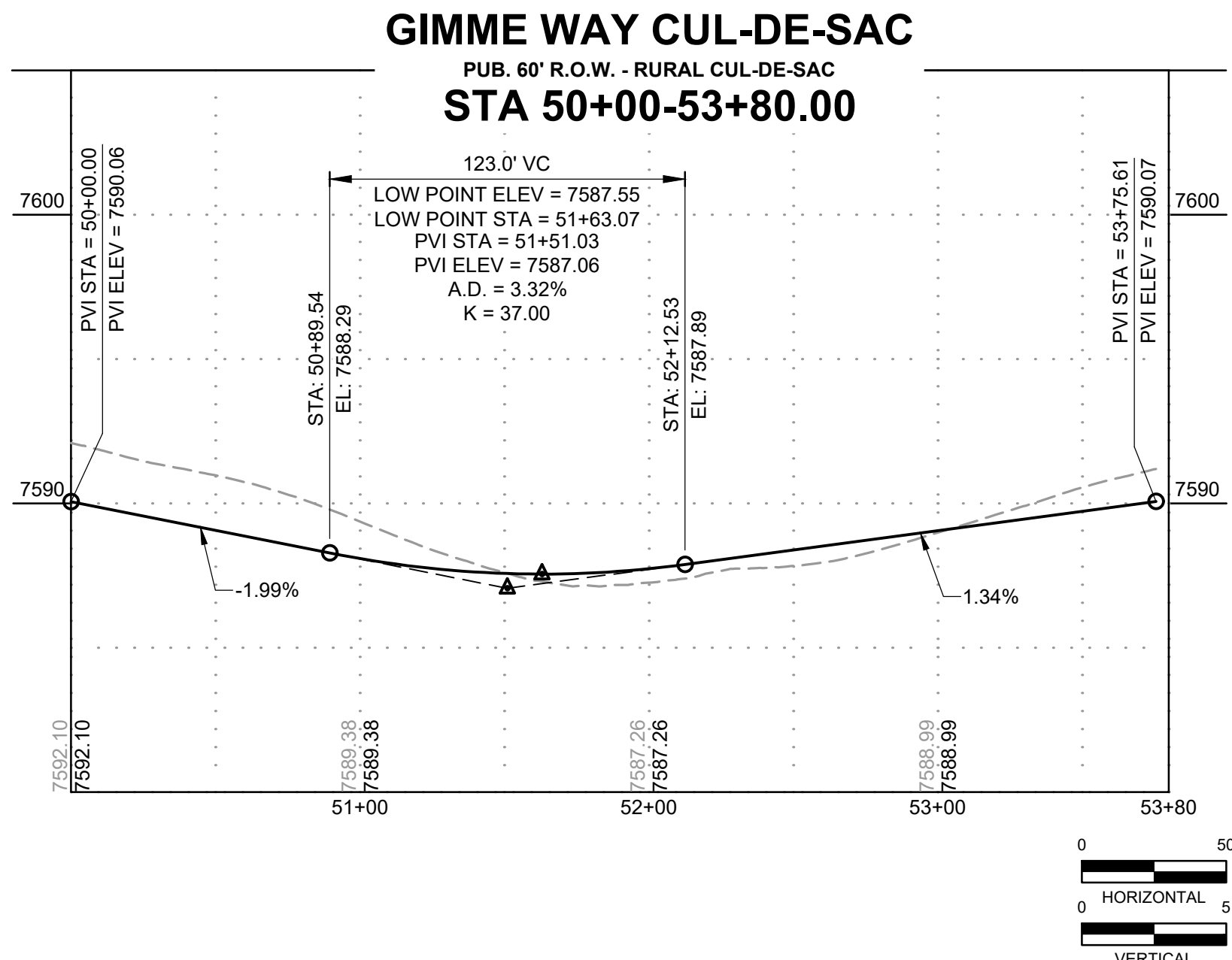
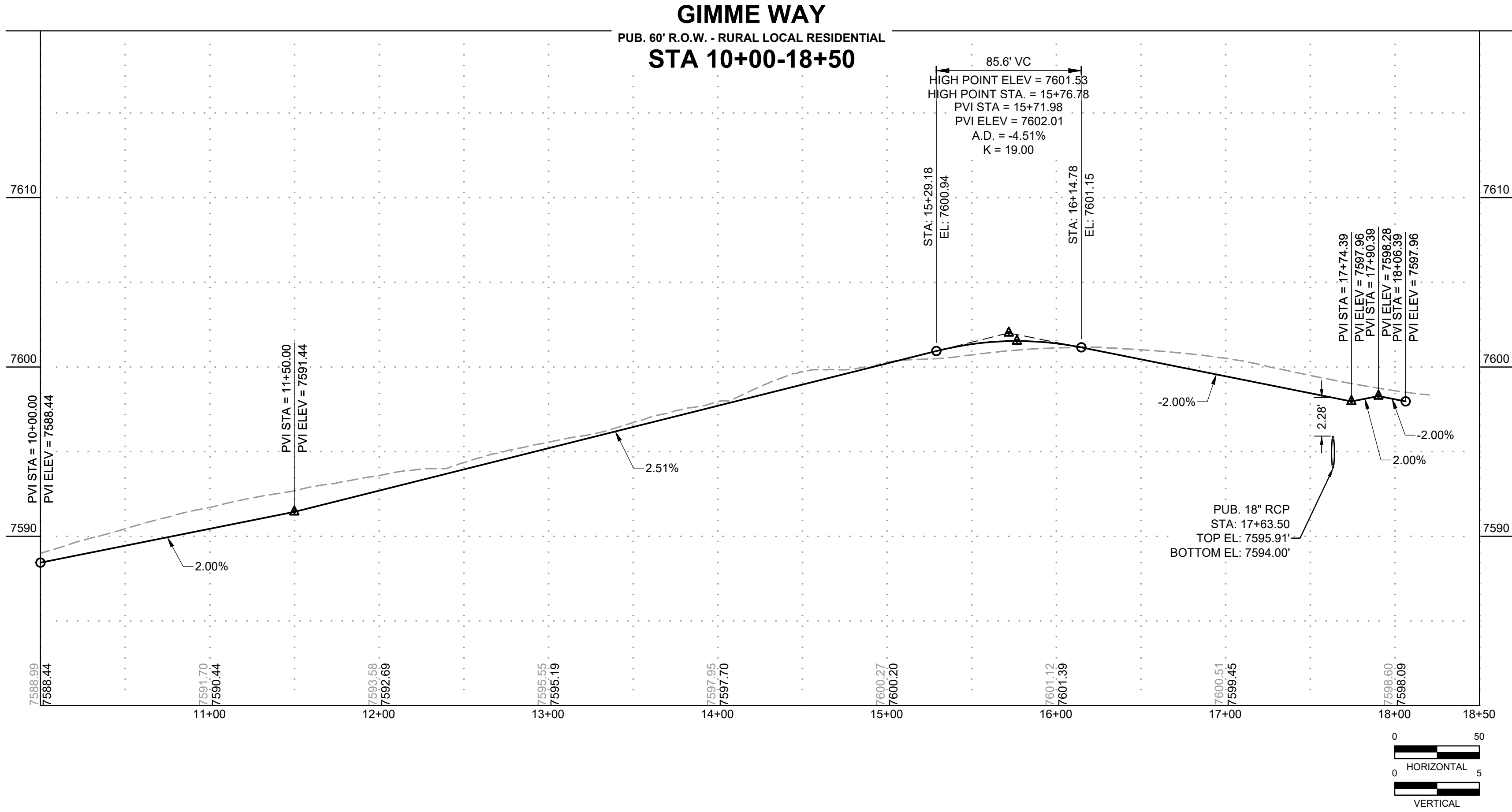
STREET PLAN & PROFILES RUBBLE DRIVE
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SHEET ST 7



GIMME WAY ALIGNMENT TABLE					
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

GIMME WAY ALIGNMENT TABLE					
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



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

DRAWN BY: RDL JOB DATE: 10/30/2024
APPROVED: RDL JOB NUMBER: 211030.240
CAD DATE: 11/1/2024
CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing_No_4\Street_B_PNP

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NO.	DATE	BY	REVISION DESCRIPTION

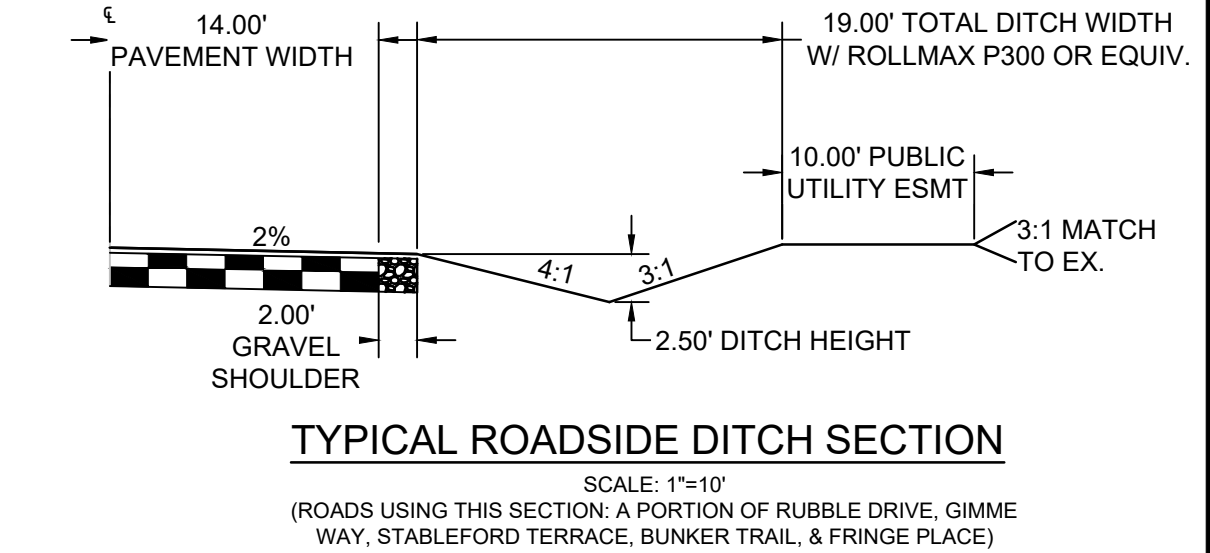
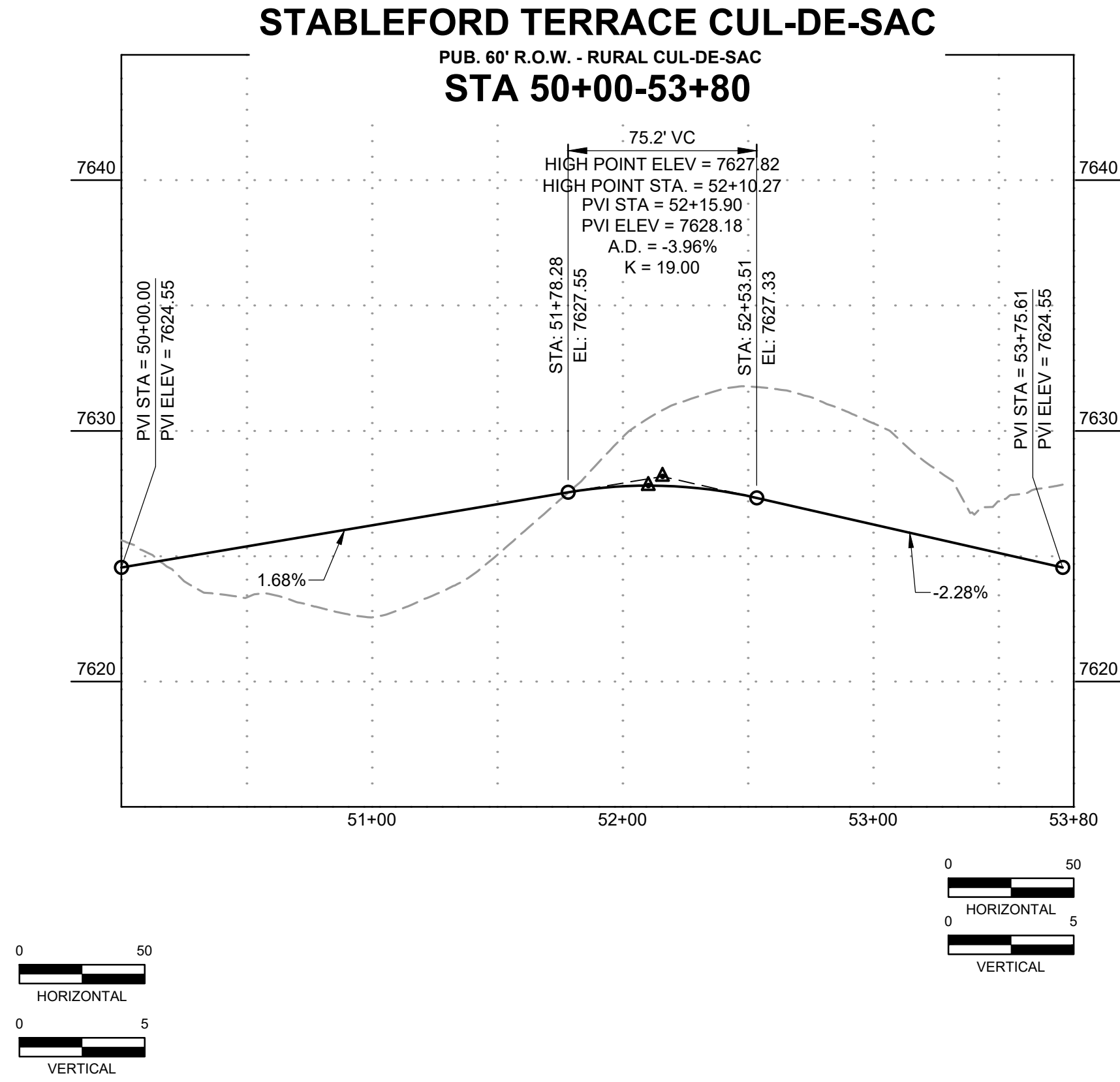
HRGreen
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
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FLYING HORSE NORTH FILING 4
PRI #2, LLC.
EL PASO COUNTY, CO

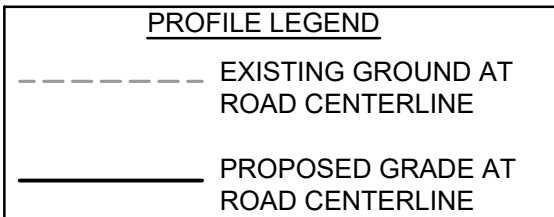
STREET PLAN & PROFILES
GIMME WAY

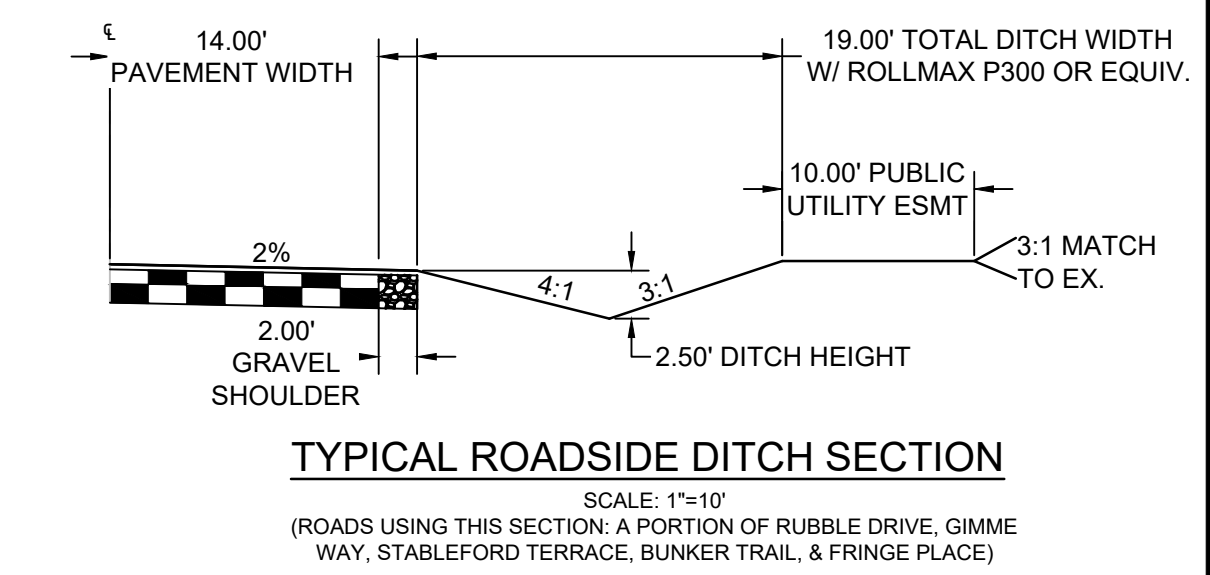
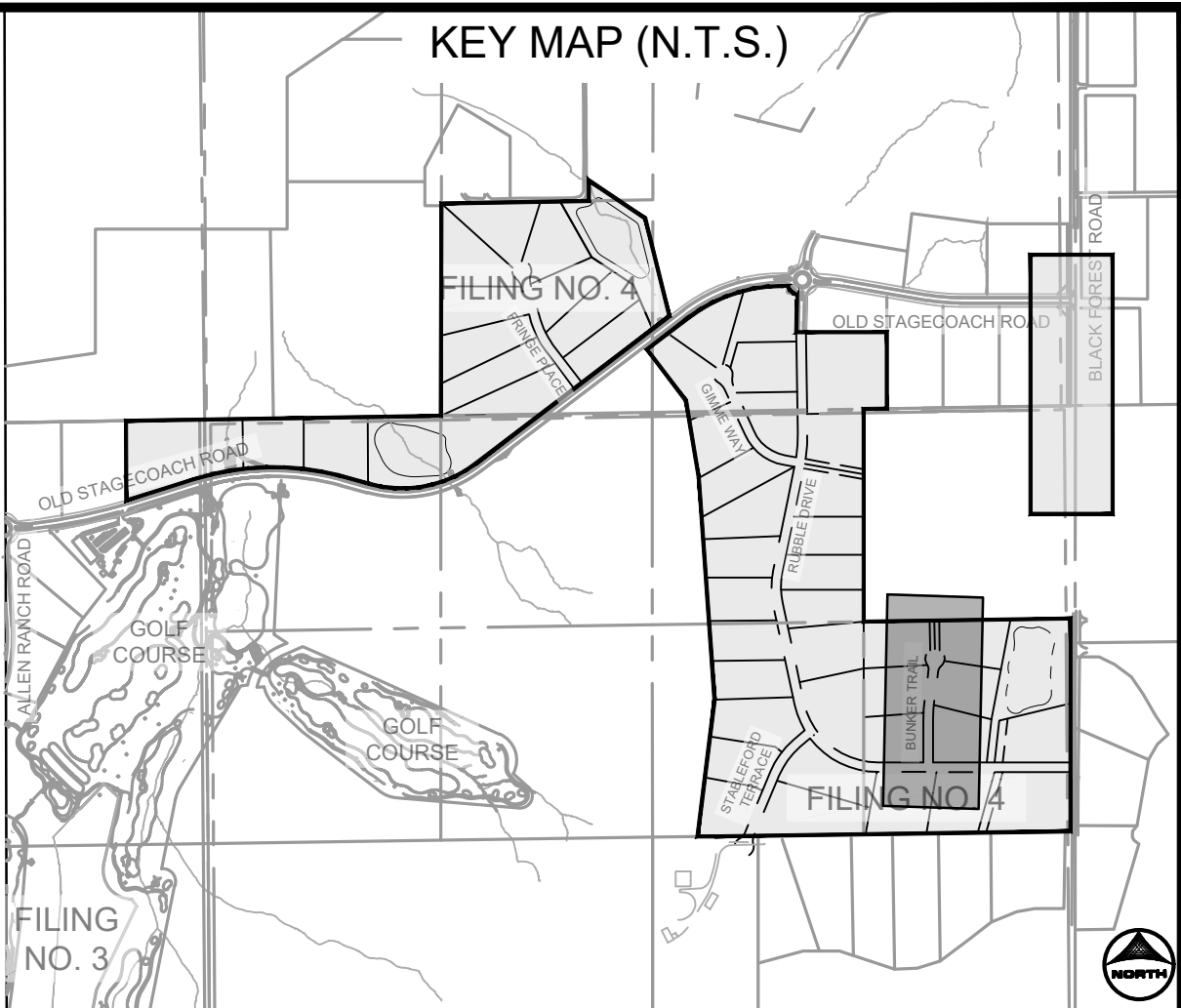
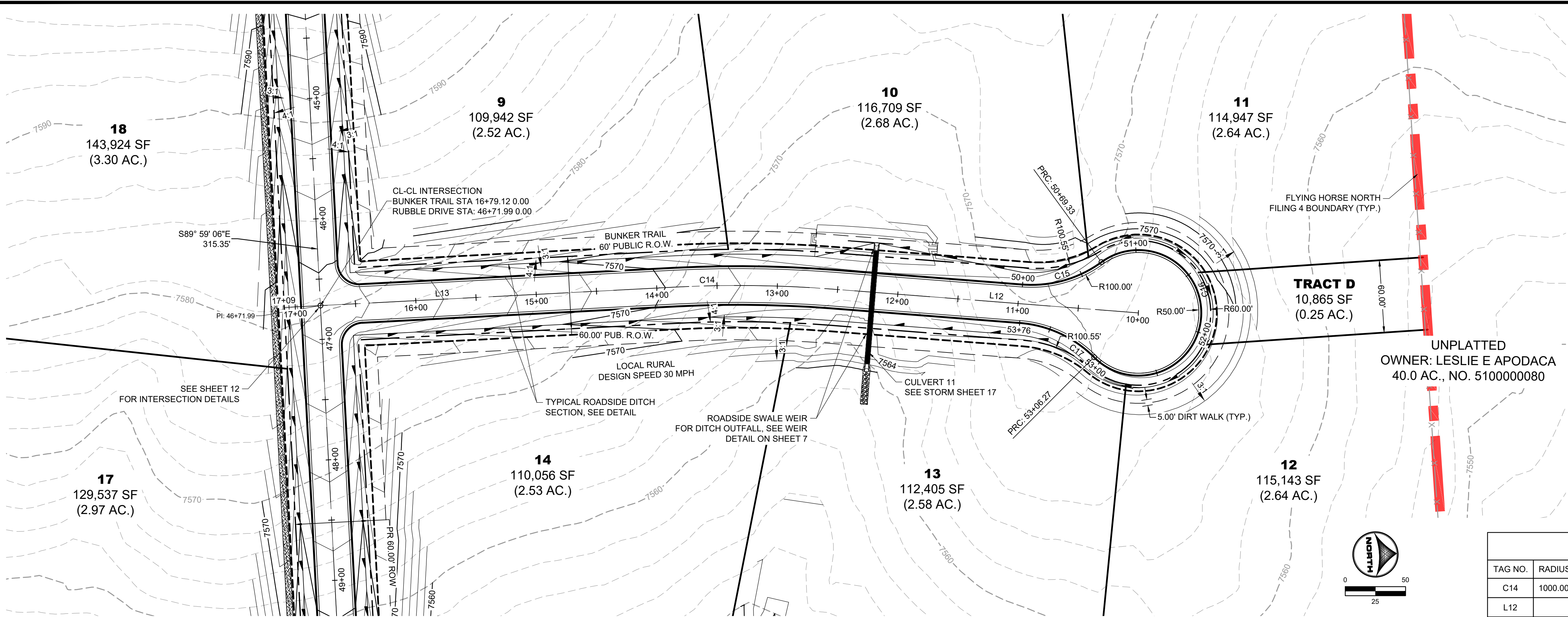
SHEET
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8

DRAWN BY: CMD JOB DATE: 10/14/2024 BAR IS ONE INCH ON
APPROVED: RDL JOB NUMBER: 211030.240 OFFICIAL DRAWINGS.
0 1"
CAD DATE: 11/1/2024 IF NOT ONE INCH,
CAD FILE: J:\2021\211030\CAD\DWG\C\Filing_No_4\Street_C_PNP ADJUST SCALE ACCORDINGLY.



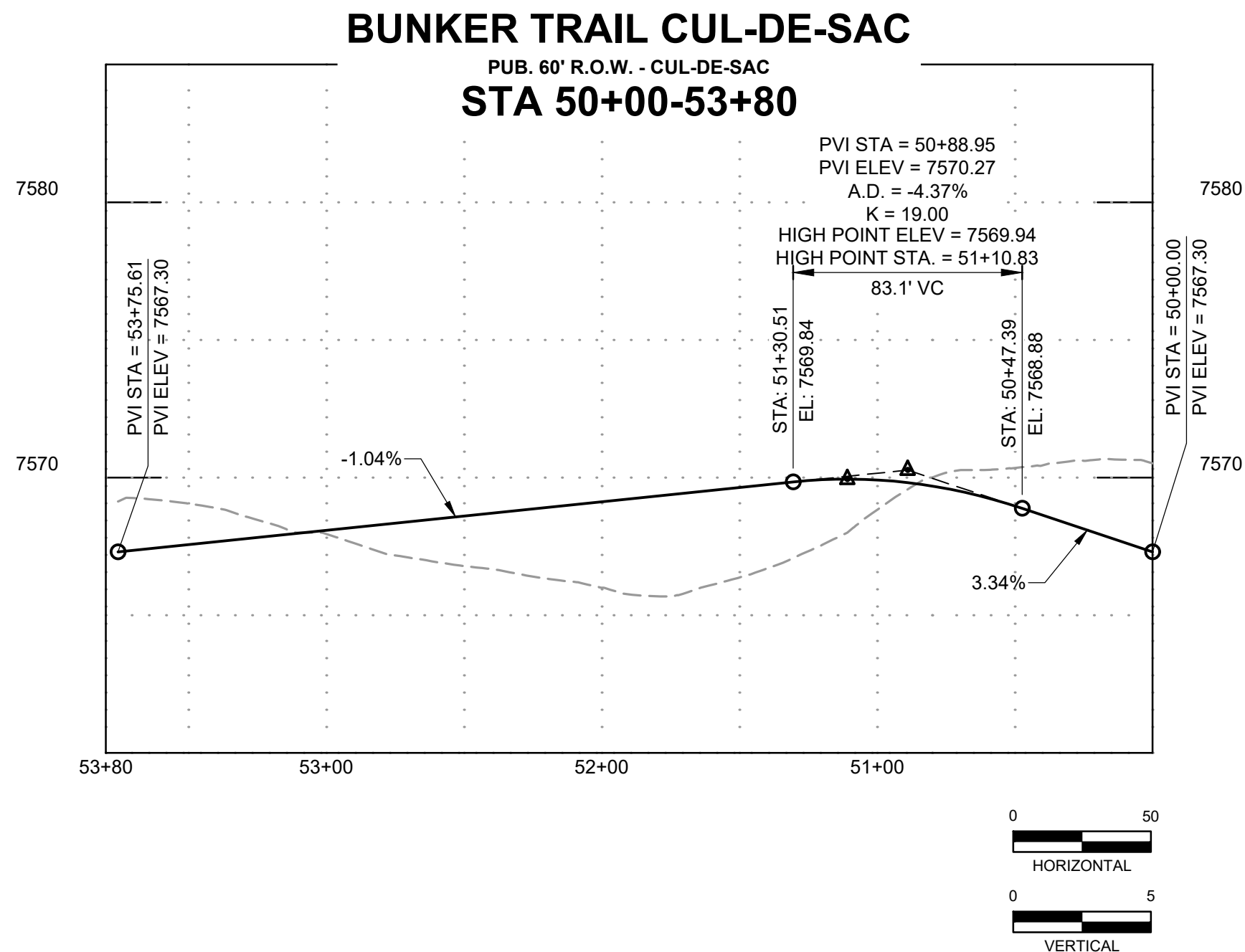
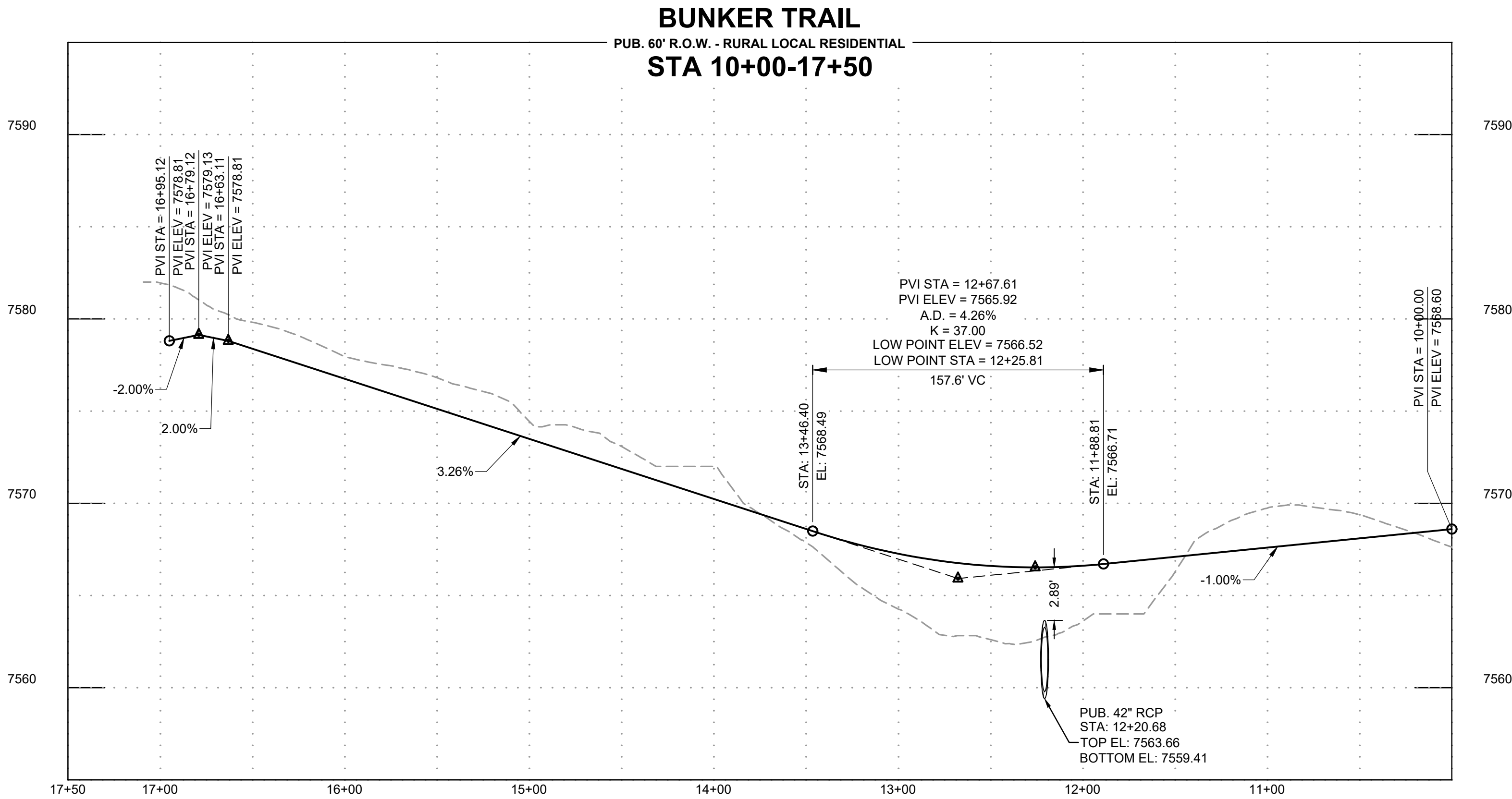
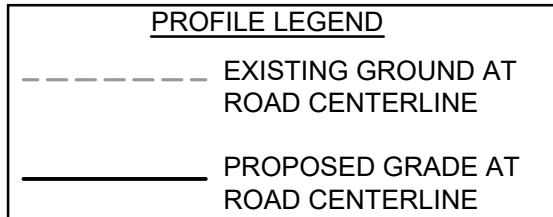
TAG NO.	RADIUS	LENGTH	LINE/CHORD DIRECTION	BEG. NORTHING/EASTING	END NORTHING/EASTING
C11	98.00'	69.33'	S8° 04' 41.99"E	N+44626.21, E+226424.13	N+44558.98, E+226433.67
C12	52.00'	236.94'	N77° 48' 37.54"W	N+44558.98, E+226433.67	N+44575.67, E+226356.41
C13	98.00'	69.33'	N32° 27' 26.90"E	N+44575.67, E+226356.41	N+44632.96, E+226392.85

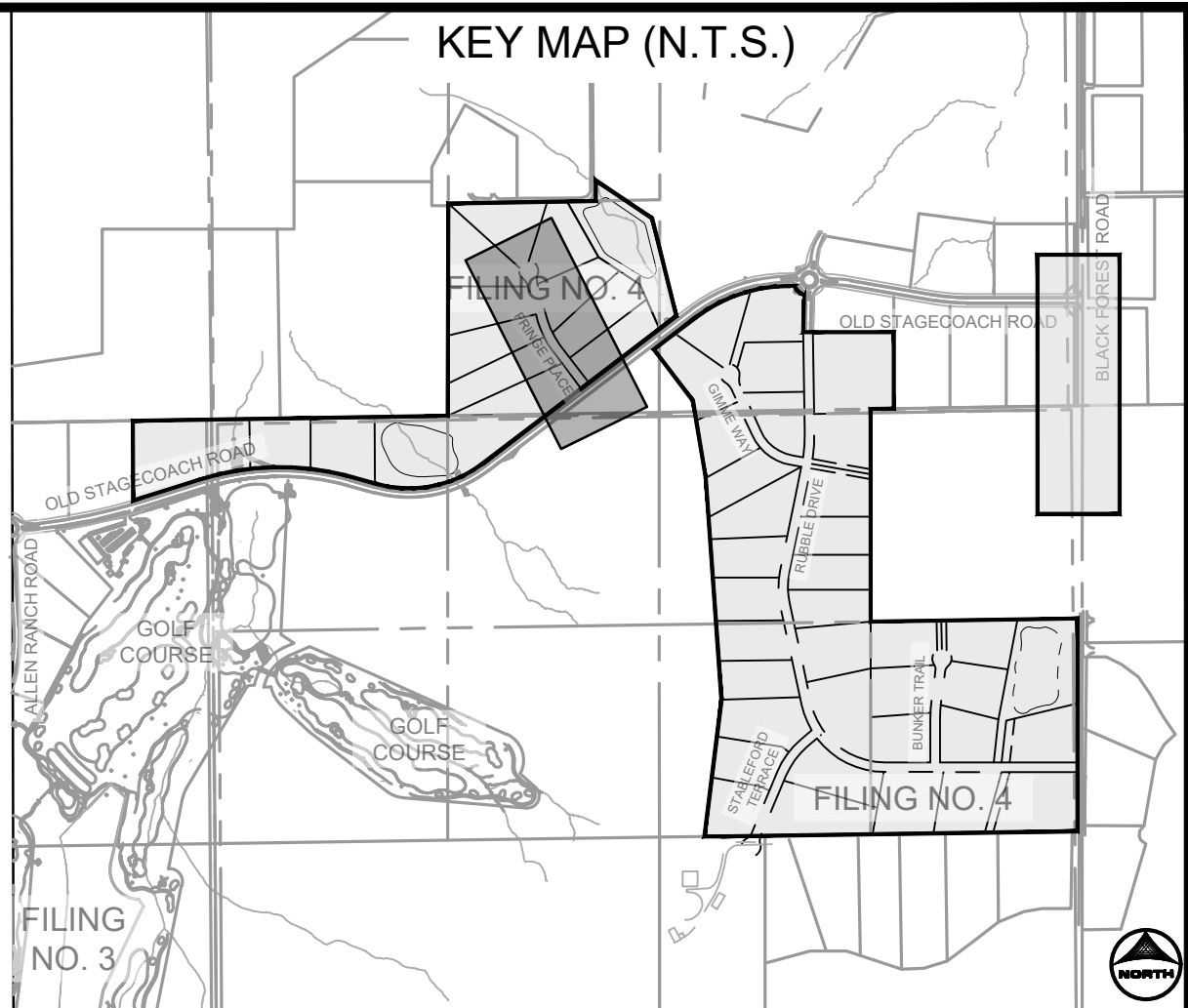
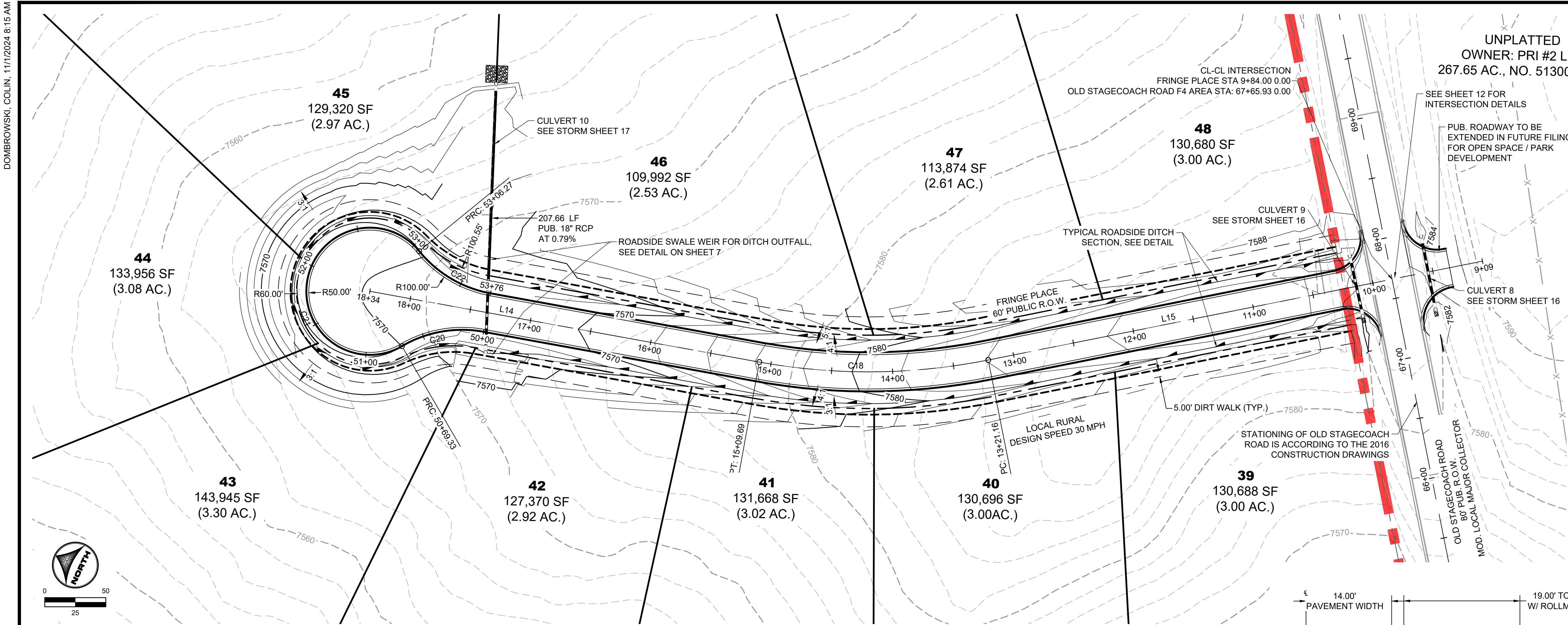




BUNKER TRAIL ALIGNMENT TABLE					
TAG NO.	RADIUS	LENGTH	LINE/CHORD DIRECTION	BEG. NORTHING/EASTING	END NORTHING/EASTING
C14	1000.00'	129.63'	S3° 43' 43.56"W	N:445276.75, E:227500.27	N:445147.48, E:227491.85
L12		254.68'	S7° 26' 32.99"W	N:445529.28, E:227533.26	N:445276.75, E:227500.27
L13		294.81'	S0°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

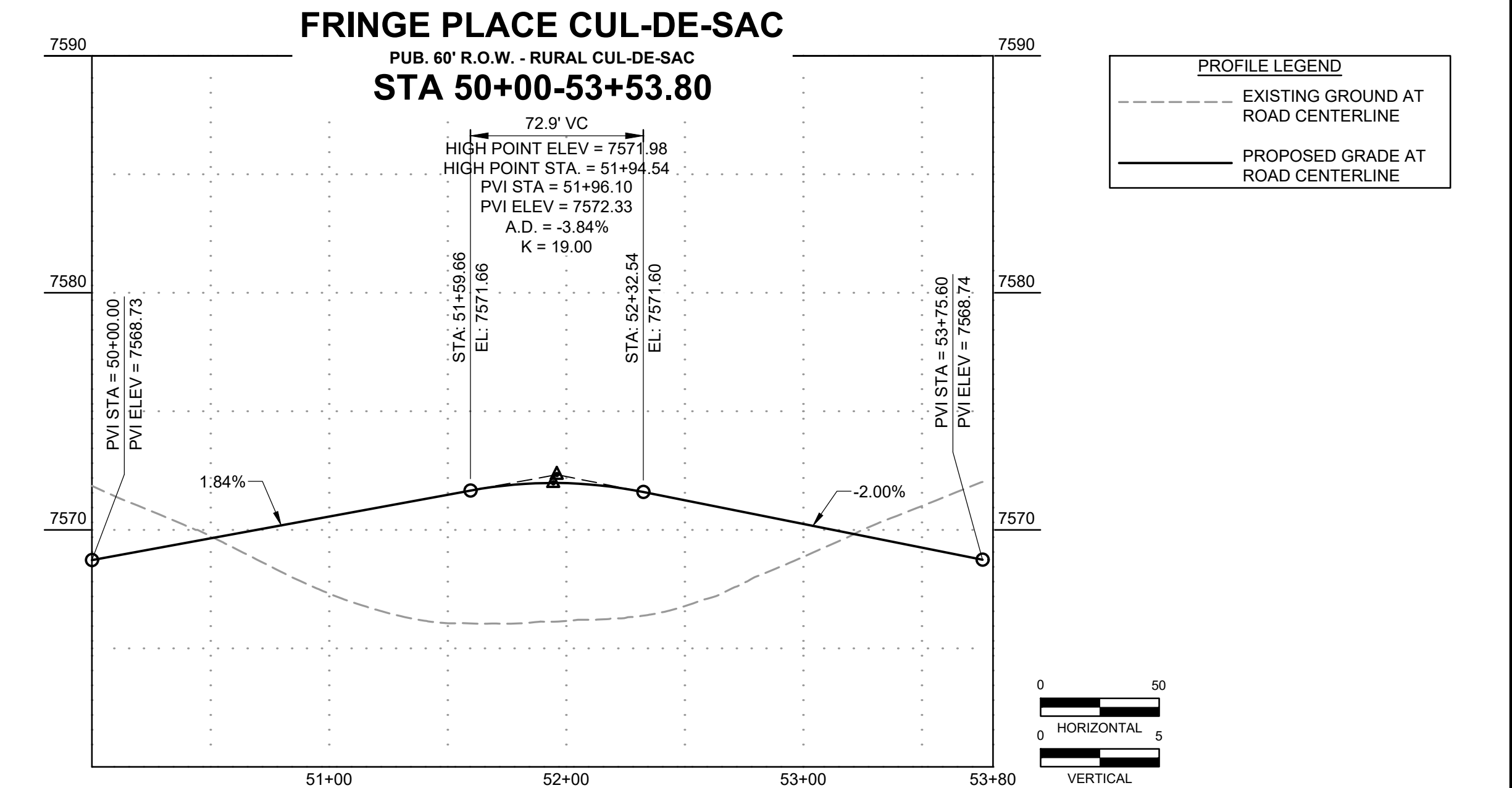
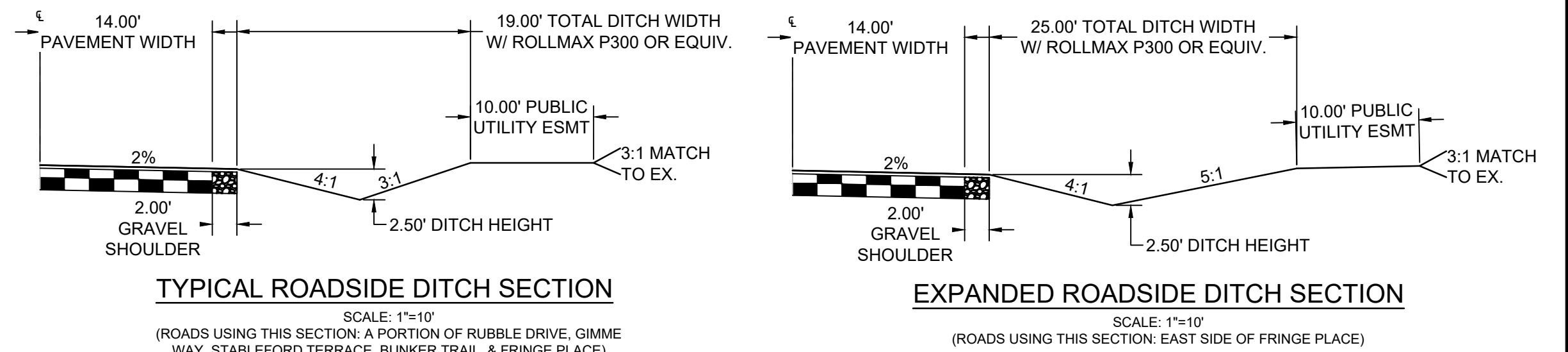
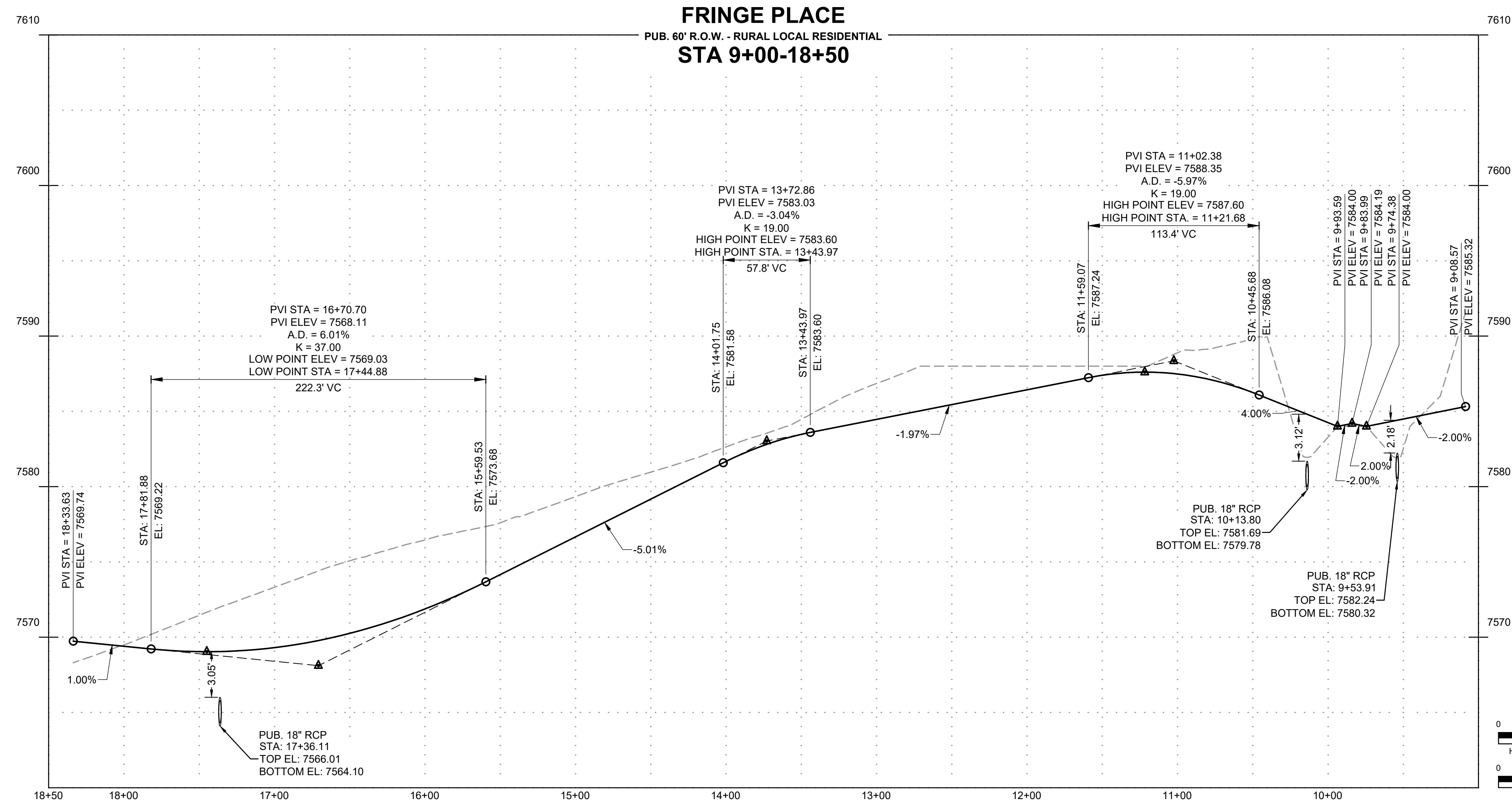
BUNKER TRAIL ALIGNMENT TABLE					
TAG NO.	RADIUS	LENGTH	LINE/CHORD DIRECTION	BEG. NORTHING/EASTING	END NORTHING/EASTING
C15	98.00'	69.33'	N12° 49' 31.45"W	N:445434.69, E:227504.77	N:445500.89, E:227489.70
C16	52.00'	236.94'	S82° 33' 27.01"E	N:445500.89, E:227489.70	N:445490.65, E:227568.07
C17	98.00'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

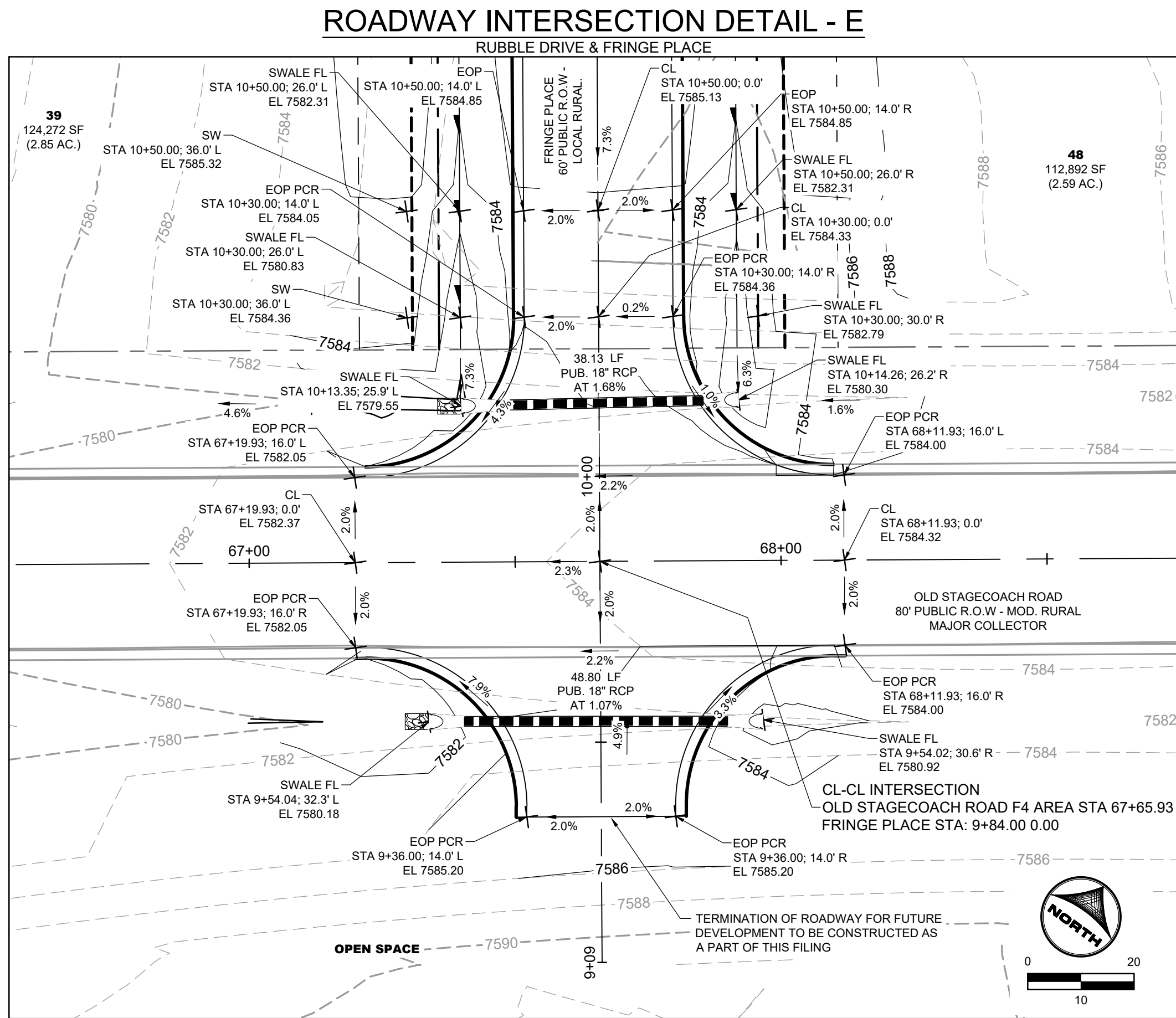
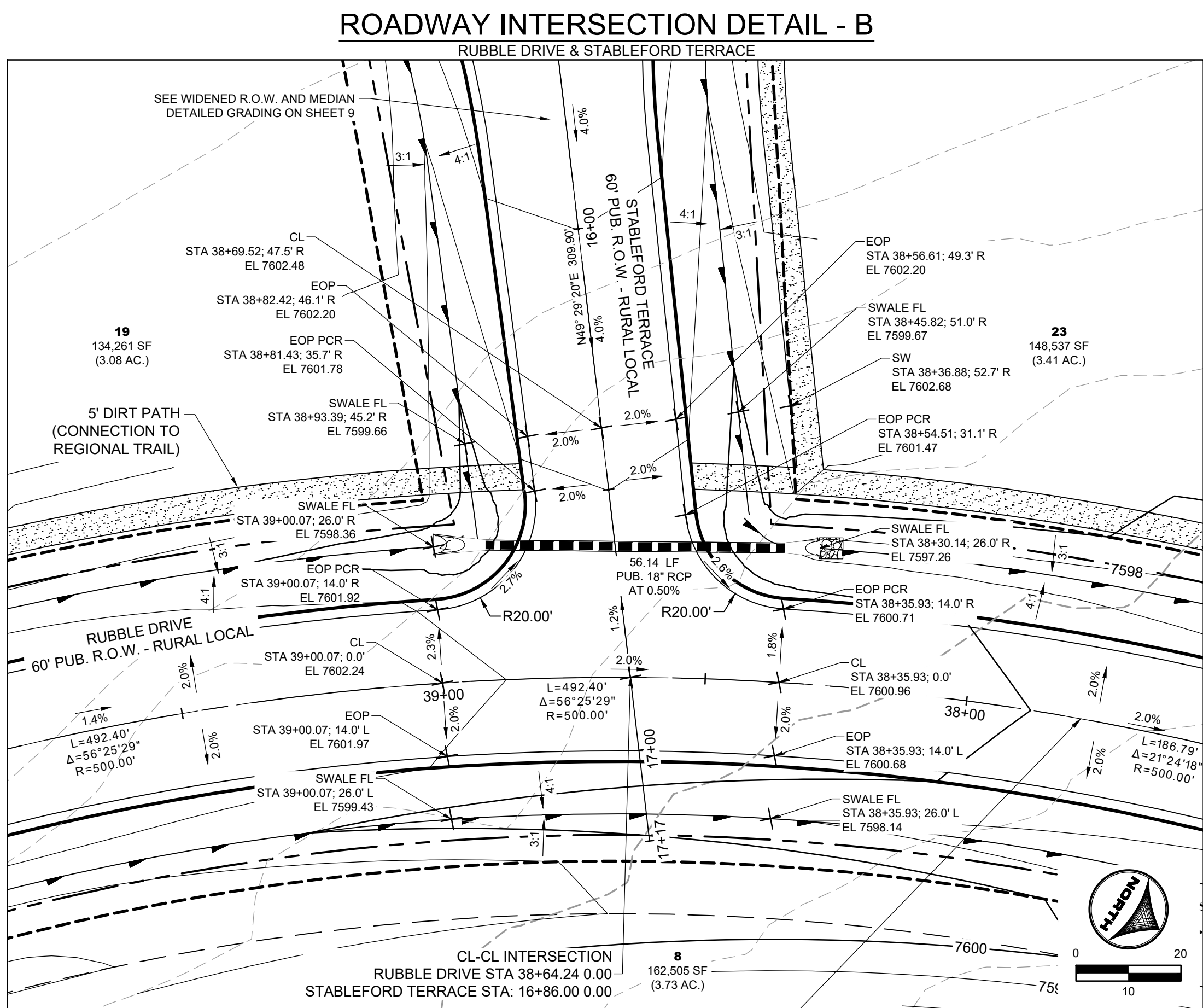




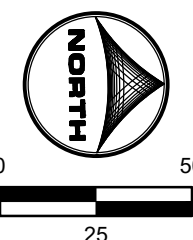
FRINGE PLACE ALIGNMENT TABLE					
TAG NO.	RADIUS	LENGTH	LINE/CHORD DIRECTION	BEG. NORTHING/EASTING	END NORTHING/EASTING
C20	98.00'	69.33'	N35° 58' 25.56"W	N:447851.94, E:224966.44	N:447906.89, E:224926.56
C21	52.00'	236.94'	N74° 17' 38.88"E	N:447906.89, E:224926.56	N:447928.28, E:225002.65
C22	98.00'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

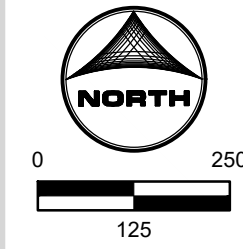
FRINGE PLACE ALIGNMENT TABLE					
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C20	98.00'	69.33'	N35° 58' 25.56"W	N:447851.94, E:224966.44	N:447906.89, E:224926.56
C21	52.00'	236.94'	N74° 17' 38.88"E	N:447906.89, E:224926.56	N:447928.28, E:225002.65
C22	98.00'	69.33'	S4° 33' 43.32"W	N:447928.28, E:225002.65	N:447860.60, E:224997.25





SHEET
ST 12





The diagram displays the following traffic signs and their specifications:

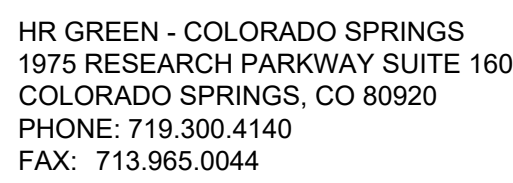
- 1** R-1
SINGLE LANE 30"x30"
- 2** K2-0540
18"x18"
- 3A** R2-1
24"x30"
- 3B** R2-1
24"x30"
- 4** GREEN
- 5** GREEN
W/ "NO OUTLET" PATCH
- 6** W11-11
18"x18"
- 7** R8-3
12"x18"
- 8A** R7-32(R)
12"x18"
- 8B** R7-32(L)
12"x18"
- 9** TYPE III BARRICADE (TEMPORARY)
 - 10A** R4-7
24"x48"
 - 10B** OM3-L
24"x24"
 - 11** GREEN SIGN
W/ WHITE LETTERING
24"x24"

1. WHERE CONSTRUCTION DETAILS AND SPECIFICATIONS ARE NOTED ON THESE PLANS USE EL PASO COUNTY STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION.
2. ALL SIGNING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION.
3. PAVEMENT MARKING IS THERMOPLASTIC WITH COLOR DESIGNATED IN KEY NOTES.
4. 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.

1. 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.
2. PROPOSED LIGHT POLE LOCATIONS WITHIN THE LOCAL RURAL ROADWAY AREAS ARE 20' FROM EOA.

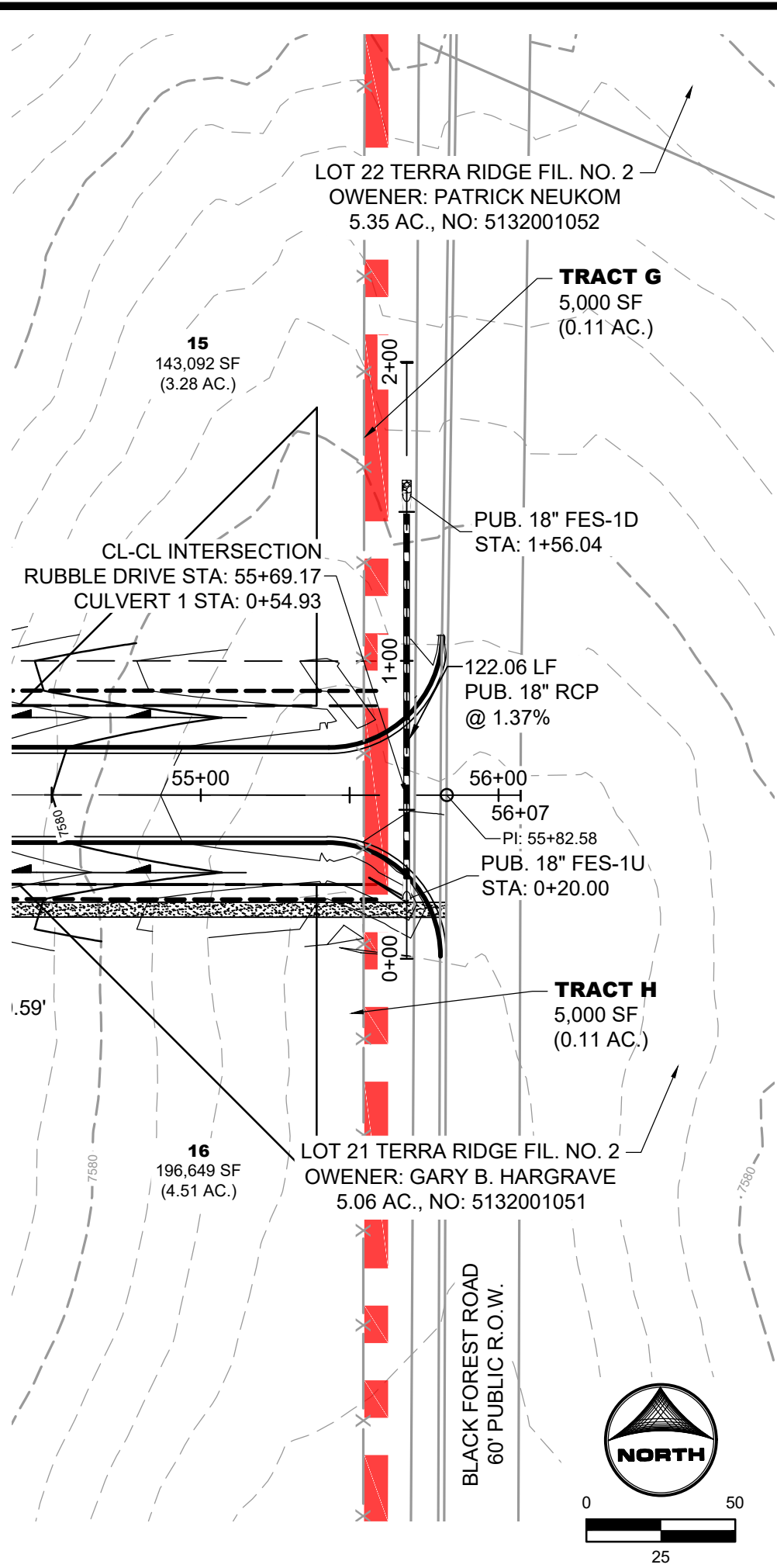
- 1 ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT
- 2 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 3 2. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A METHOD
- 4 THAT DOES NOT DAMAGE THE UNDERLYING PAVEMENT. PAVEMENT MARKINGS SHALL
- 5 BE REMOVED TO THE EXTENT THAT THEY WILL NOT BE VISIBLE UNDER DAY OR NIGHT
- 6 CONDITIONS. AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT
- 7 MARKINGS.
- 8 3. ANY SIGNATION FORM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO
- 9 COUNTY PLANNING AND COMMUNITY DEVELOPMENT.
- 10 ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLAN SHALL BE NEW SIGNS. EXISTING
- 11 SIGNS WILL REMAIN OR BE REUSED IF THEY MEET CURRENT EL PASO COUNTY AND MUTCD
- 12 STANDARDS.
- 13 4. STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT
- 14 INTERSECTIONS.
- 15 5. ALL REGULAR SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR
- 16 6. ALL STREET NAME SIGNS SHALL HAVE "D" SERIES LETTERS, WITH LOCAL ROADWAY SIGNS
- 17 BEING 4" UPPER-LOWER CASE LETTERING ON 8" BLANK AND NON-LOCAL ROADWAY SIGNS
- 18 BEING 6" LETTERING. UPPER-LOWER CASE ON 12" BLANK, WITH A WHITE BORDER THAT IS
- 19 REQUIRED TO BE WIDTH OF THE SIGN. THE SIGN BORDER SHALL MATCH PAGE 255
- 20 OF THE 2012 MUTCD "STANDARD HIGHWAY SIGNS".
- 21 7. ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING
- 22 THAT MEETS THE REQUIREMENTS OF THE MUTCD, SECTION 2.17.5. THE CONTRACTOR SHALL
- 23 SIGN POST AND STOP POST BASES FOR OTHER APPLICATIONS, REFER TO THE CDDT
- 24 STANDARD S-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SUBLEASE DESIGN.
- 25 8. ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH A 1/16" MINIMUM THICKNESS.
- 26 9. ALL REGULAR SIGNS SHALL BE 12" WIDE BY 18" HIGH. ALL STOP SIGNS AND ARROWS SHALL
- 27 BE A MINIMUM 125 MIL THICKNESS PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
- 28 WITH TAPERED LEADING EDGES PER CDDT STANDARD S-627-1. WORD AND SYMBOL
- 29 MARKINGS SHALL BE THE NARROW TYPE. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALK
- 30 MARKINGS SHALL BE 12" WIDE BY 12" HIGH.
- 31 10. ALL LONGITUDINAL LINES SHALL BE A MINIMUM 15 MIL THICKNESS EPOXY PAINT. ALL
- 32 NON-LOCAL RESIDENTIAL ROADWAYS SHALL INCLUDE BOTH RIGHT AND LEFT EDGE LINE
- 33 STRIPING AND AN ADDITIONAL STRIPING AS REQUIRED BY THE CDDT S-627-1.
- 34 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PLANNING AND COMMUNITY
- 35 DEVELOPMENT (719.526.6819) PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING
- 36 12. THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL
- 37 PASO COUNTY DEPARTMENT OF PUBLIC WORKS PRIOR TO ANY SIGNAGE OR
- 38 STRIPING WORK WITHIN AND EXISTING EL PASO COUNTY ROADWAY.

NO.	DATE	BY	REVISION DESCRIPTION

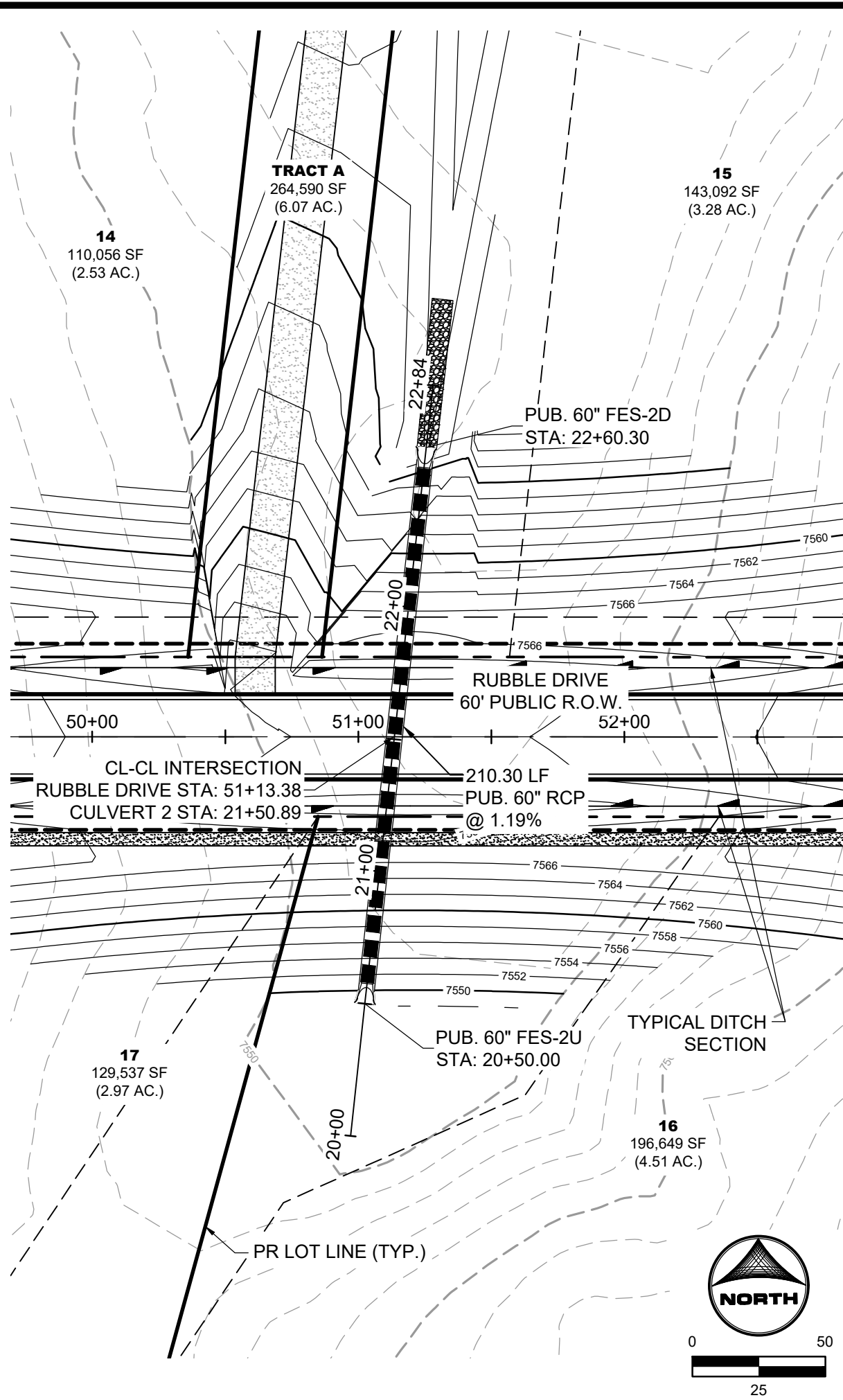


CONSTRUCTION DRAWINGS
SIGNAGE AND STRIPING

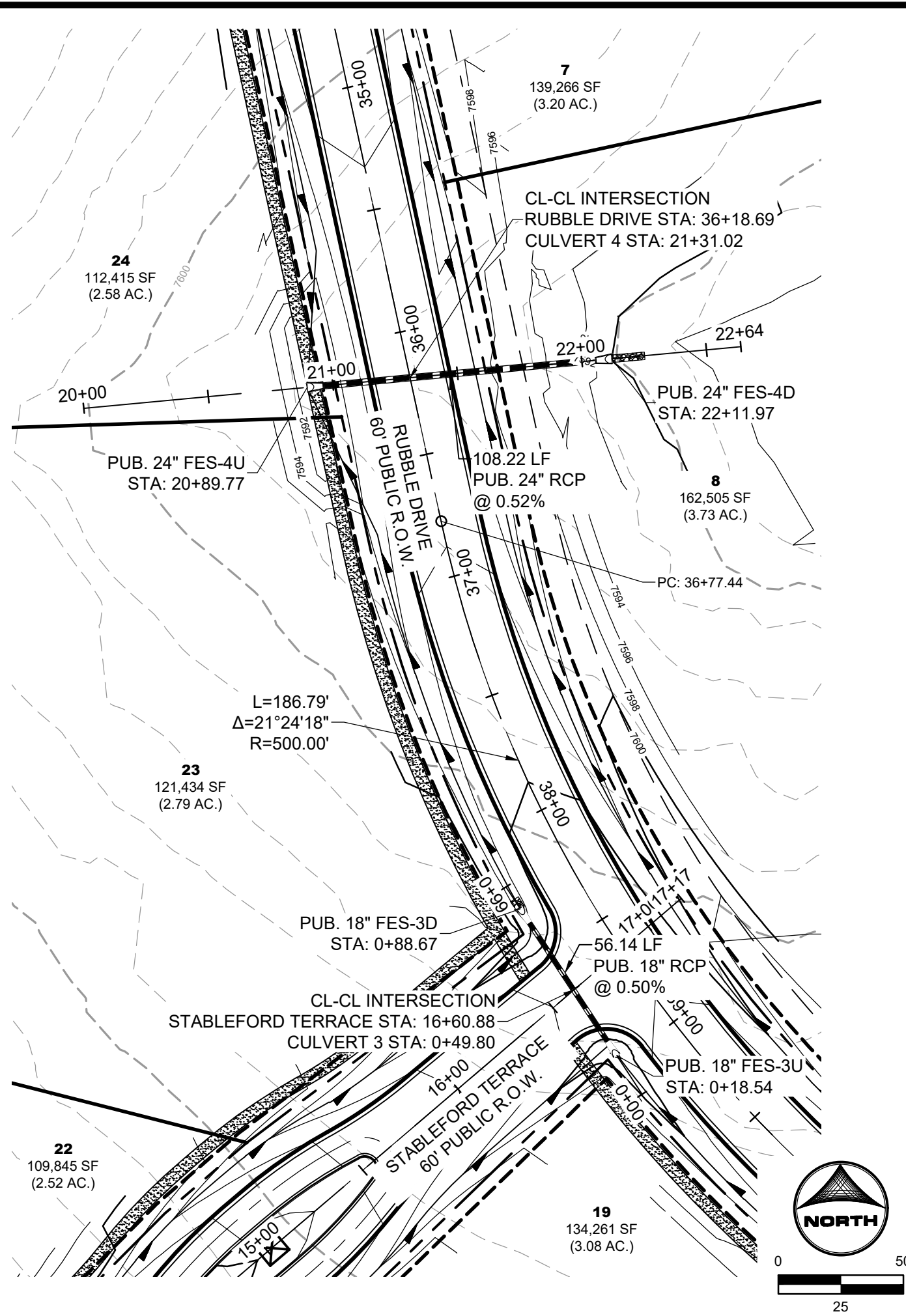
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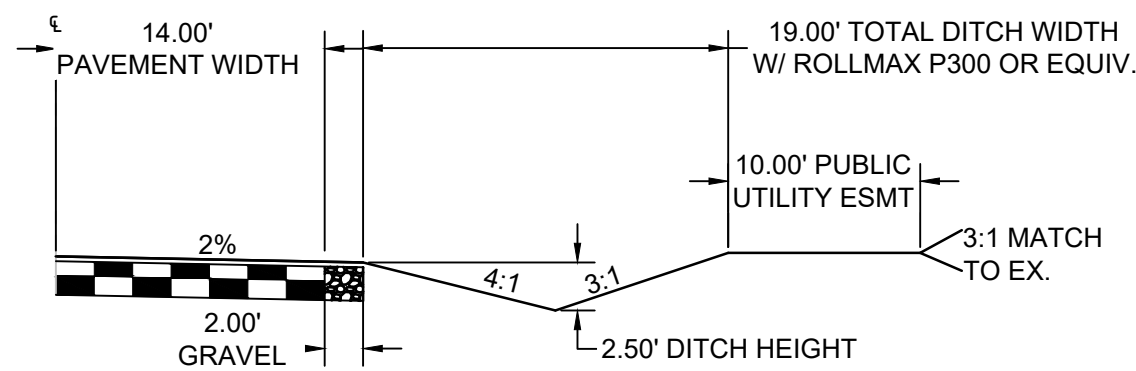
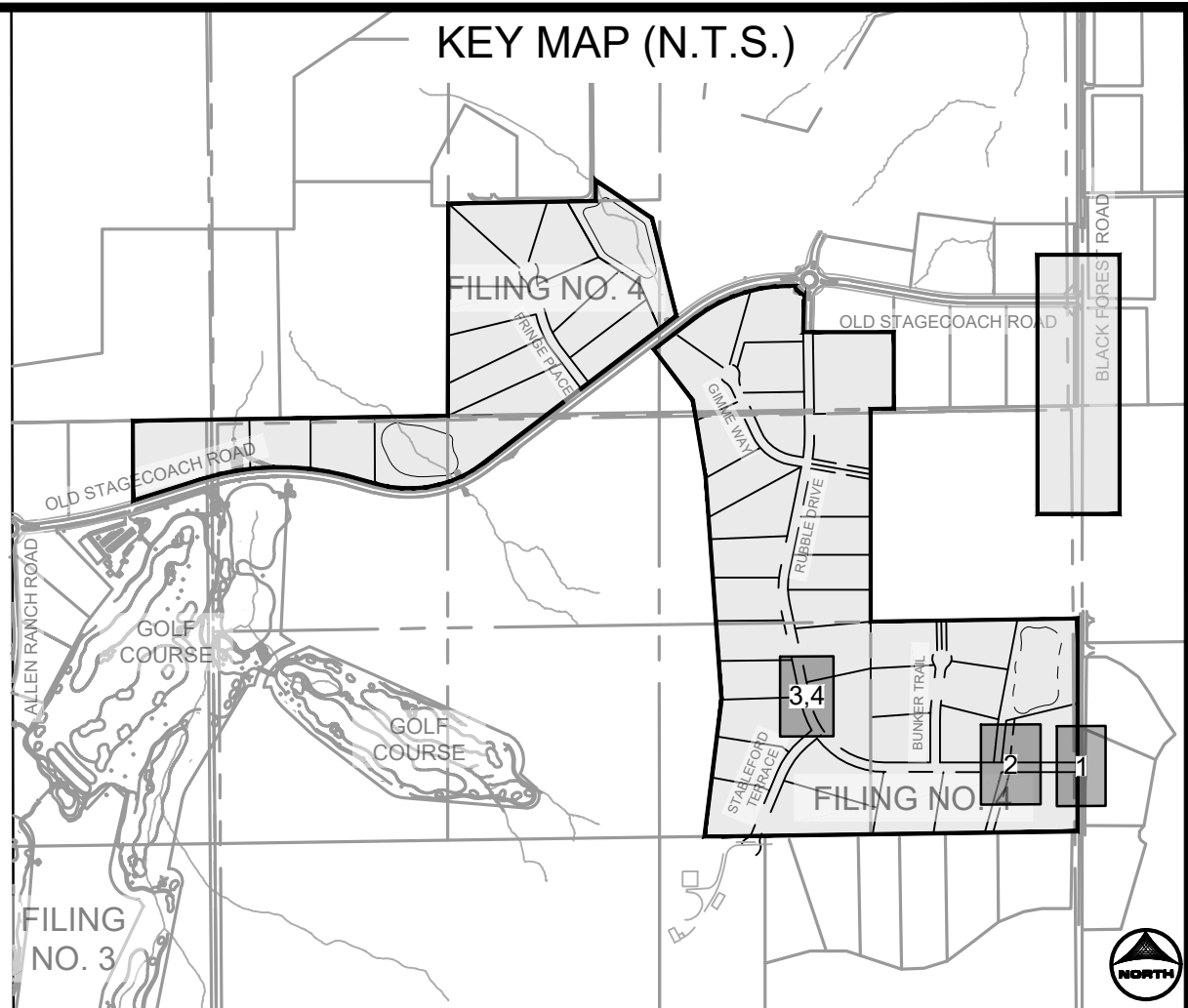
CULVERT 1
PUB. STORM CULVERT PIPE WITHIN
RUBBLE DRIVE AND BLACK FORST ROAD
PUB. 60" R.O.W. - RURAL LOCAL RESIDENTIAL



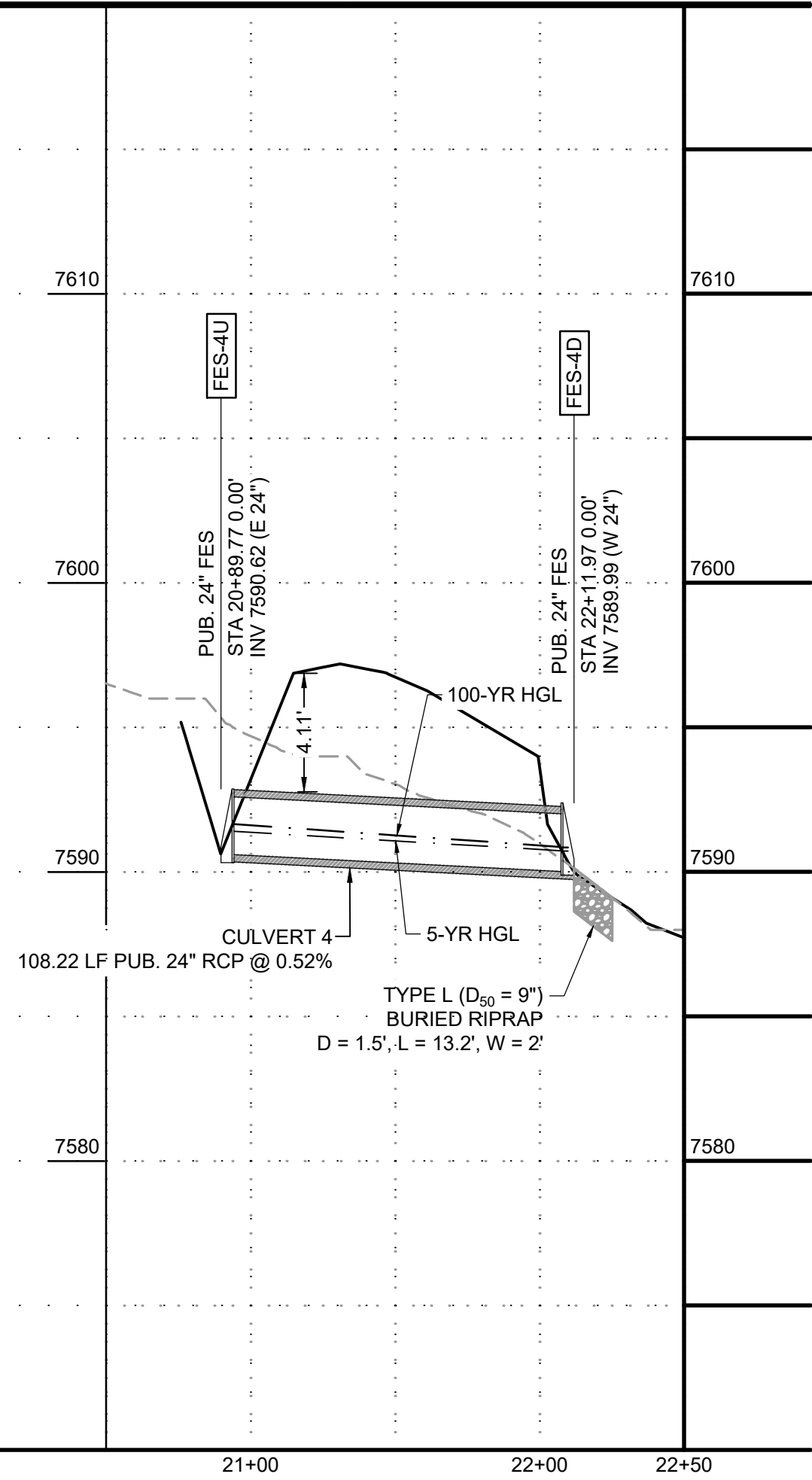
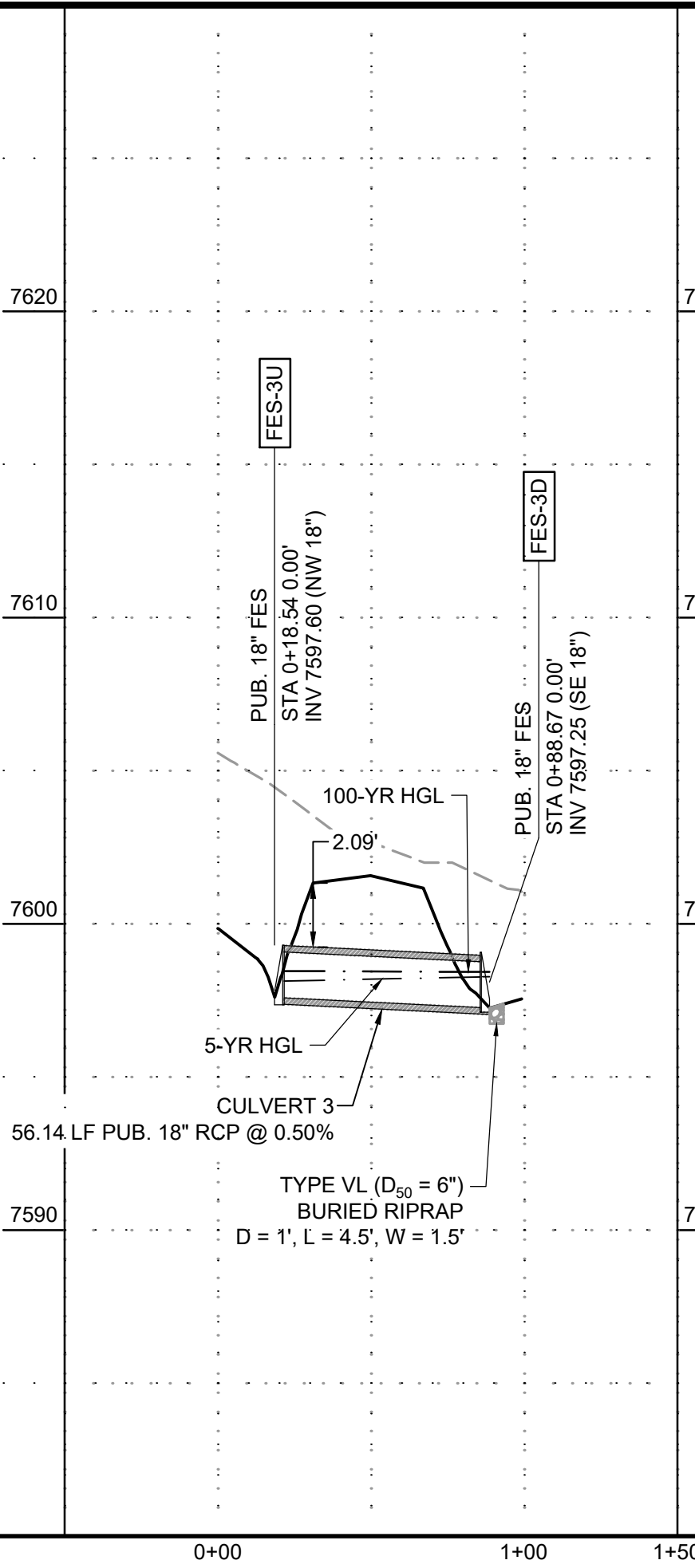
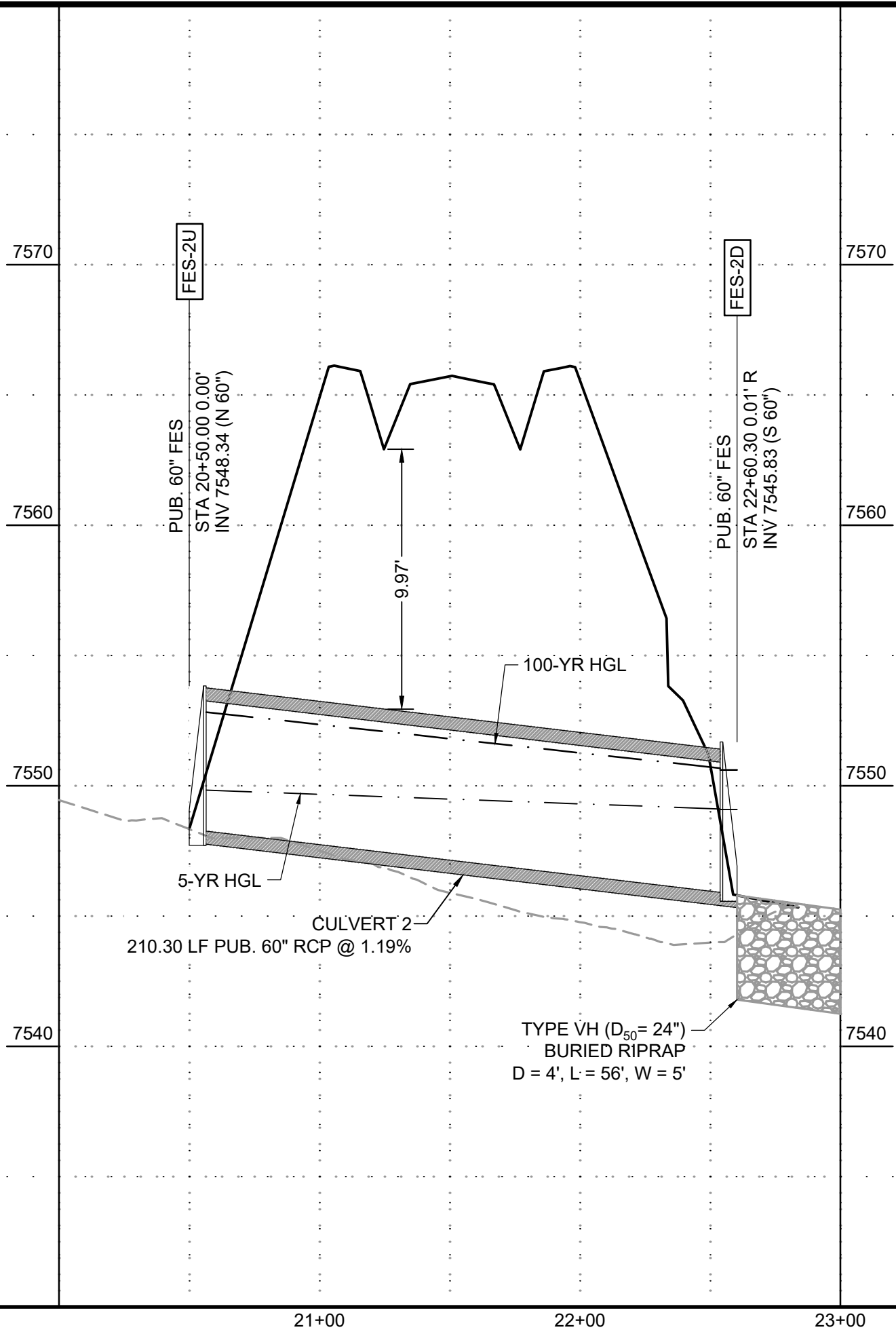
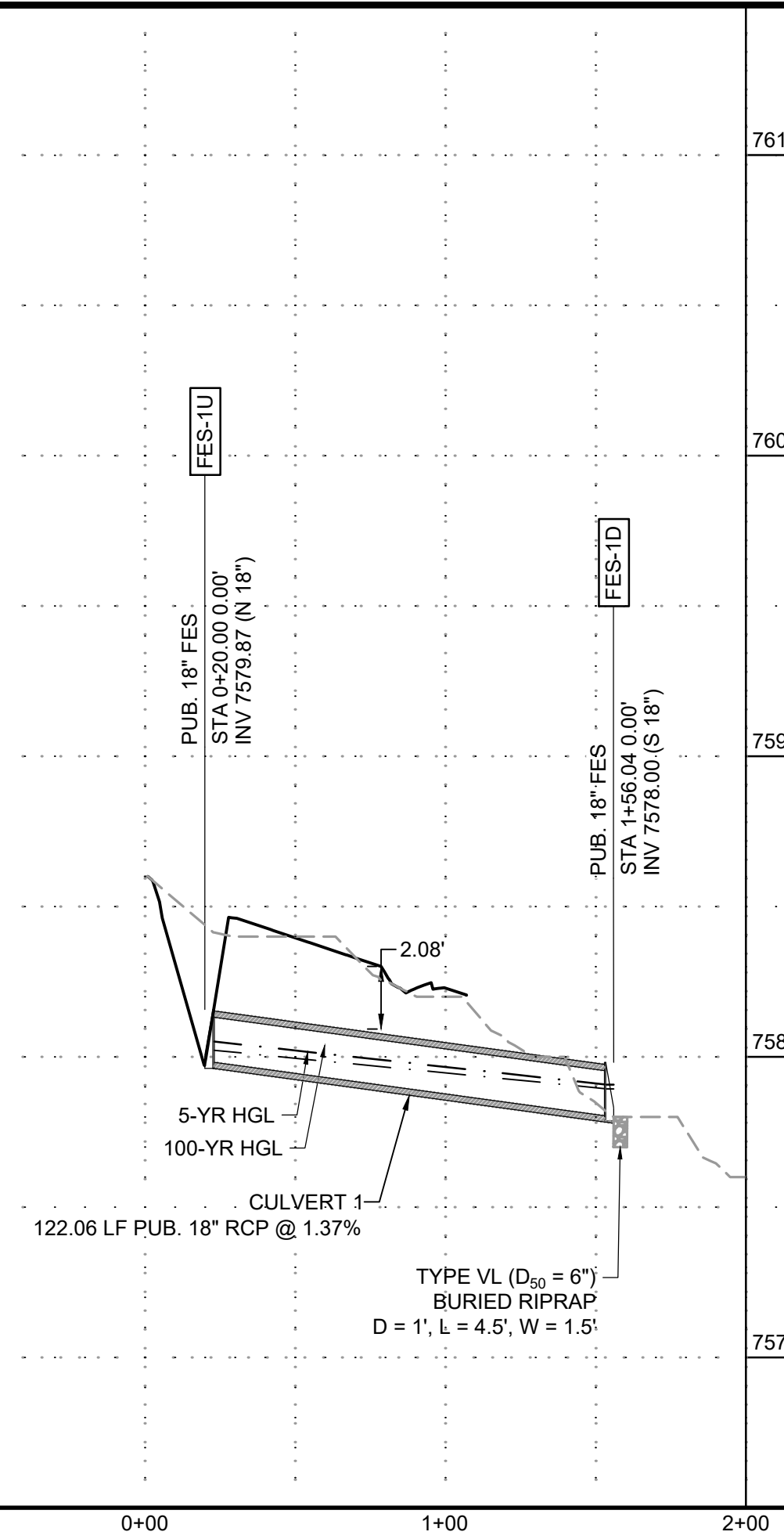
CULVERT 2
PUB. STORM CULVERT PIPE WITHIN RUBBLE DRIVE
PUB. 60" R.O.W. - RURAL LOCAL RESIDENTIAL



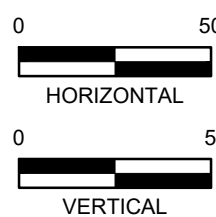
CULVERT 3
PUB. STORM CULVERT PIPE WITHIN
STABLEFORD TERRACE AND RUBBLE DRIVE
PUB. 60" R.O.W. - RURAL LOCAL RESIDENTIAL



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



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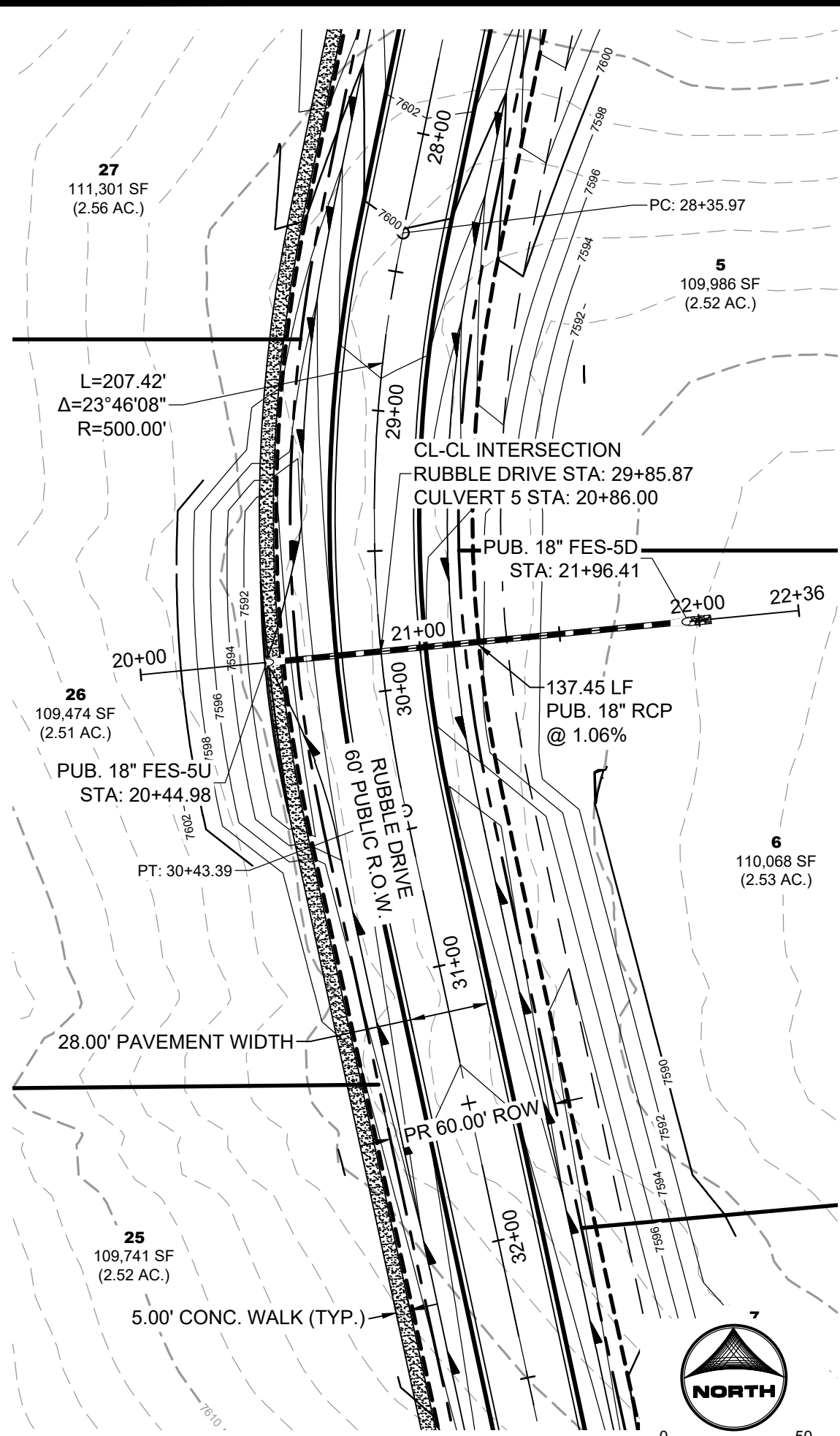
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

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

STORM SEWER PLAN & PROFILES
STORM CULVERTS

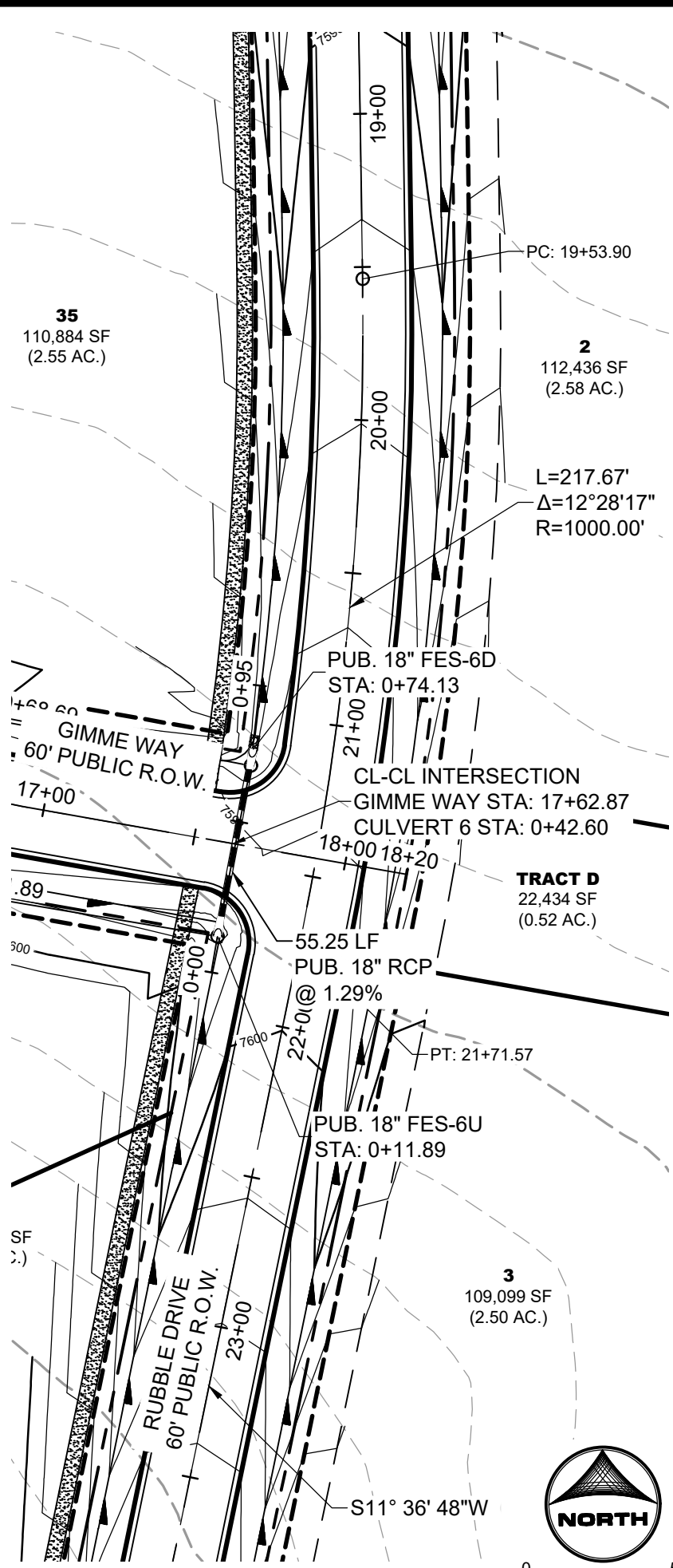
SHEET
STM

15



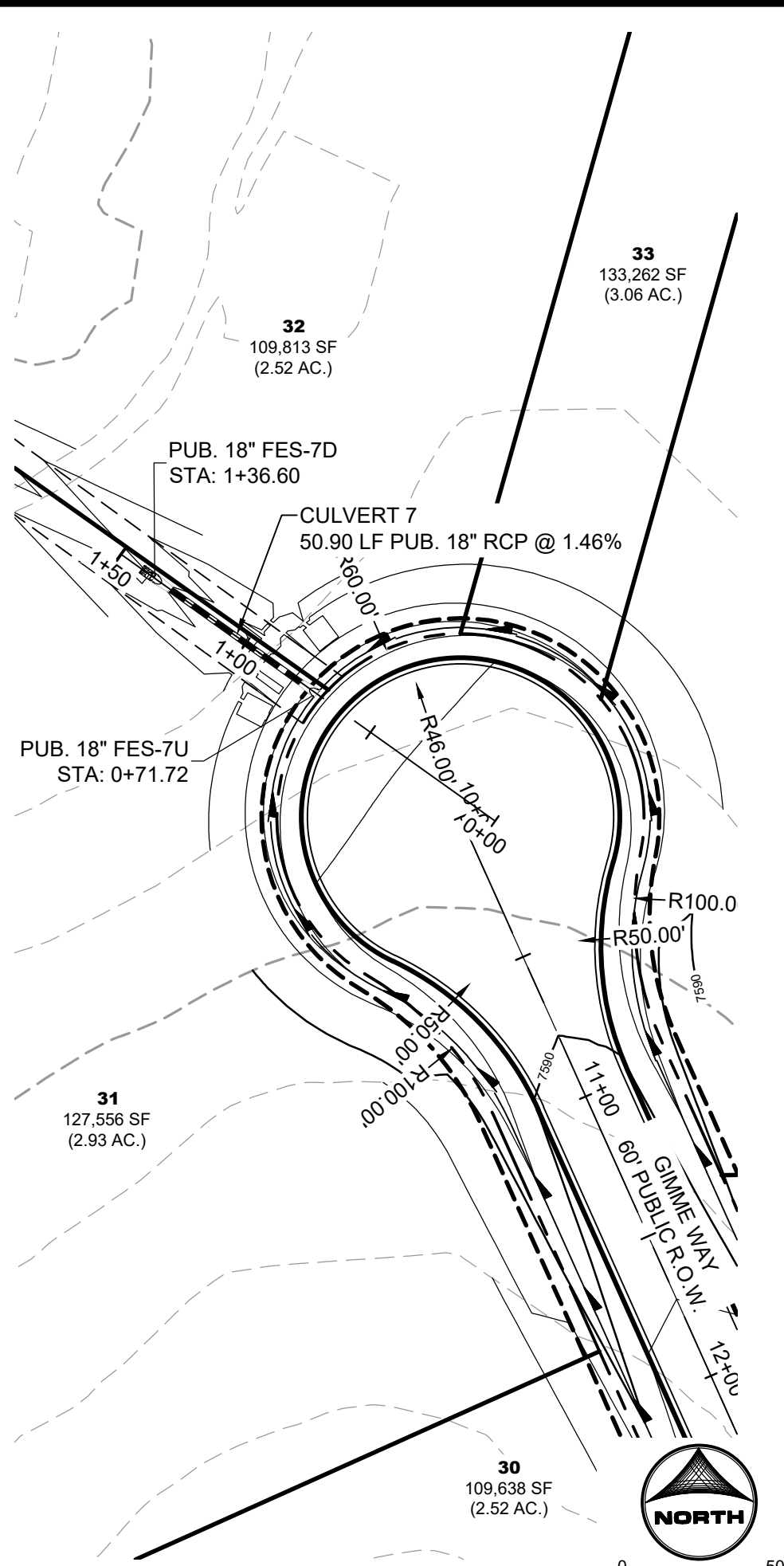
CULVERT 5

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



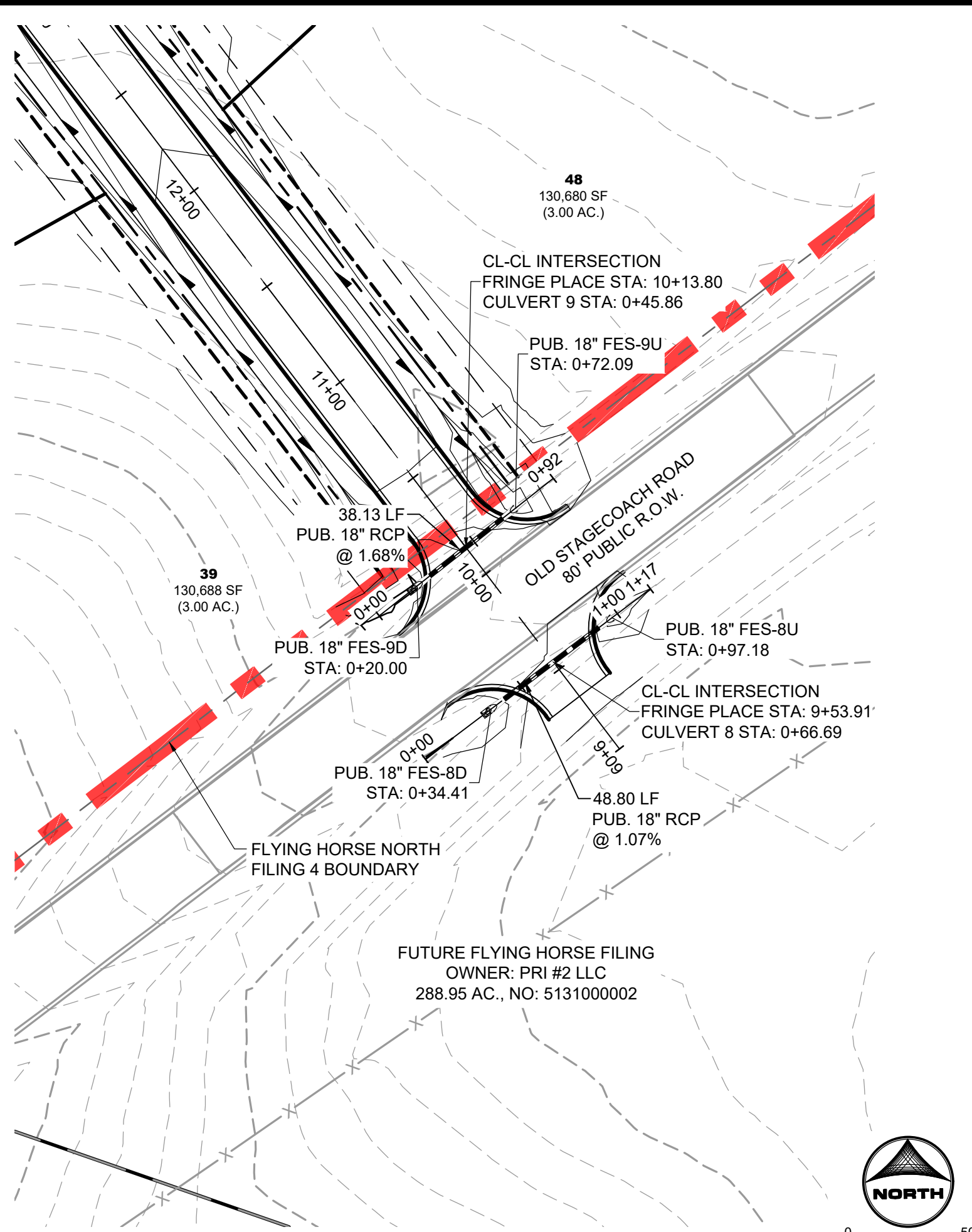
CULVERT 6

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

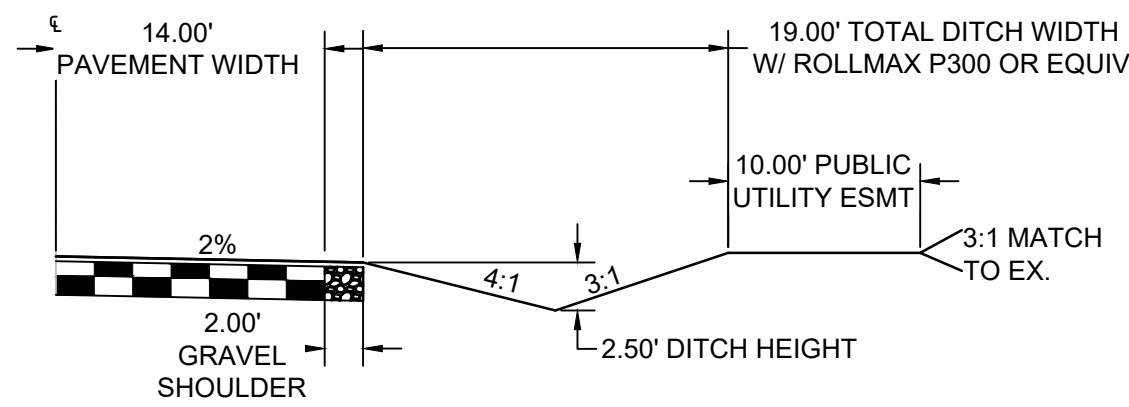
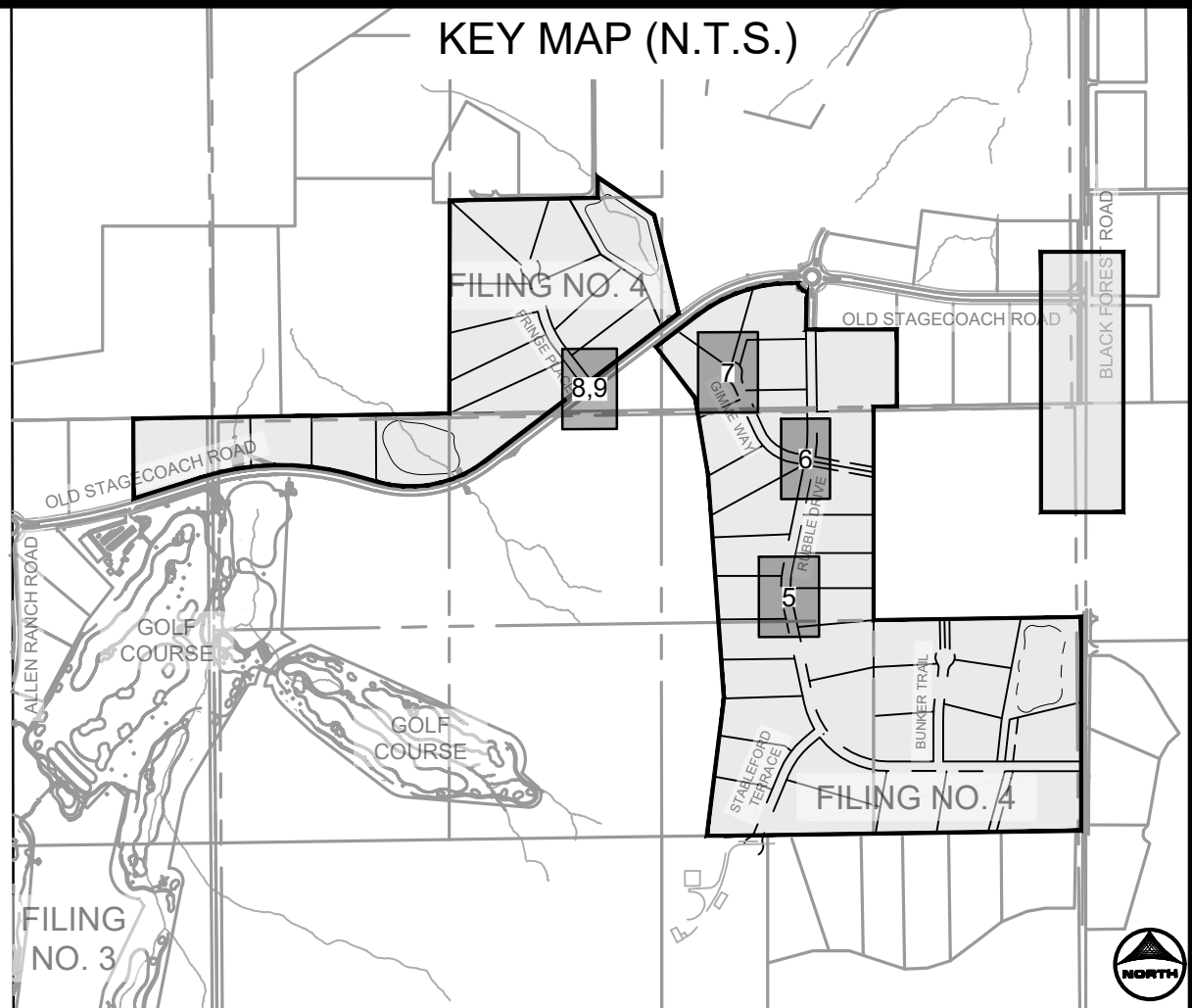


CULVERT 8

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

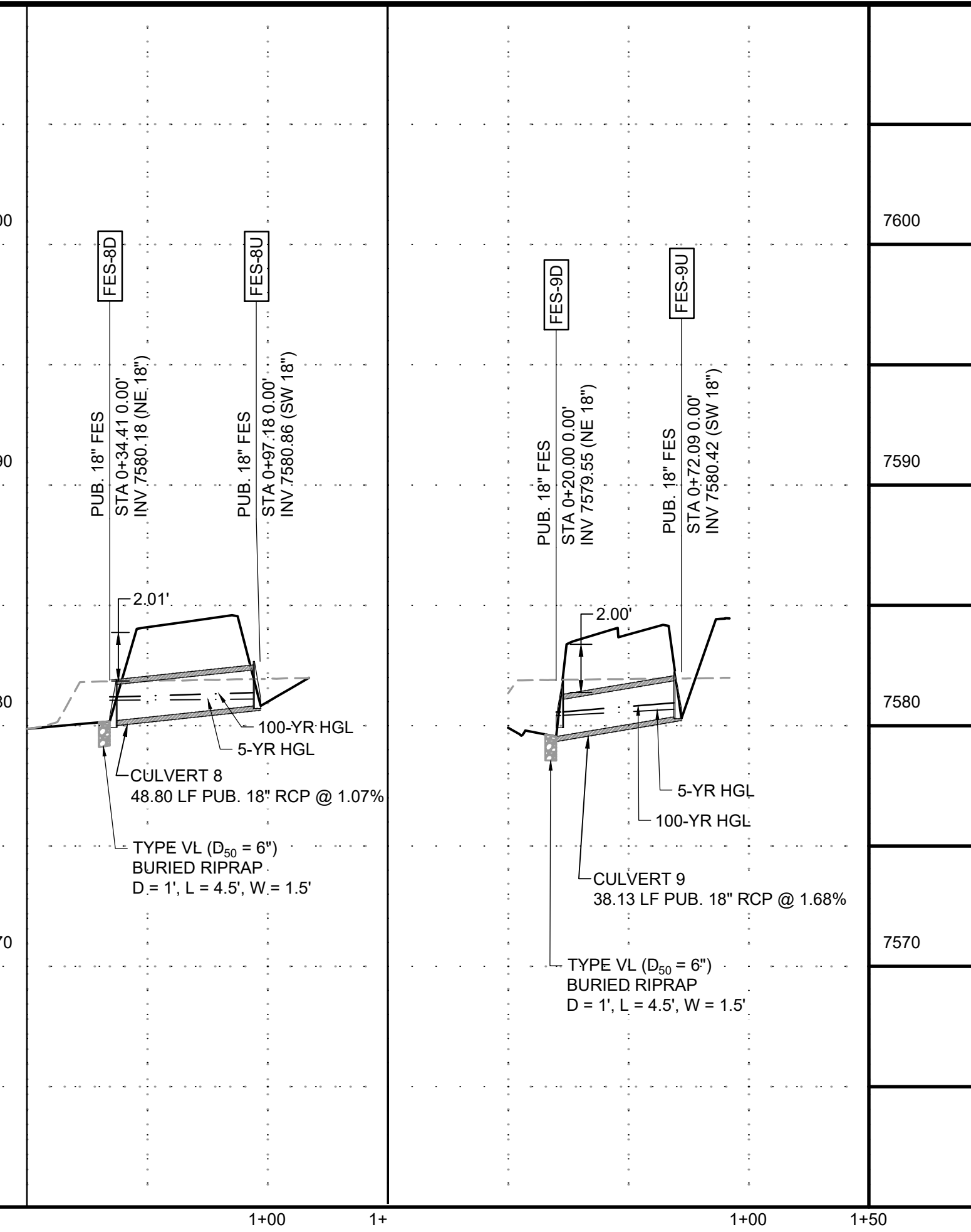
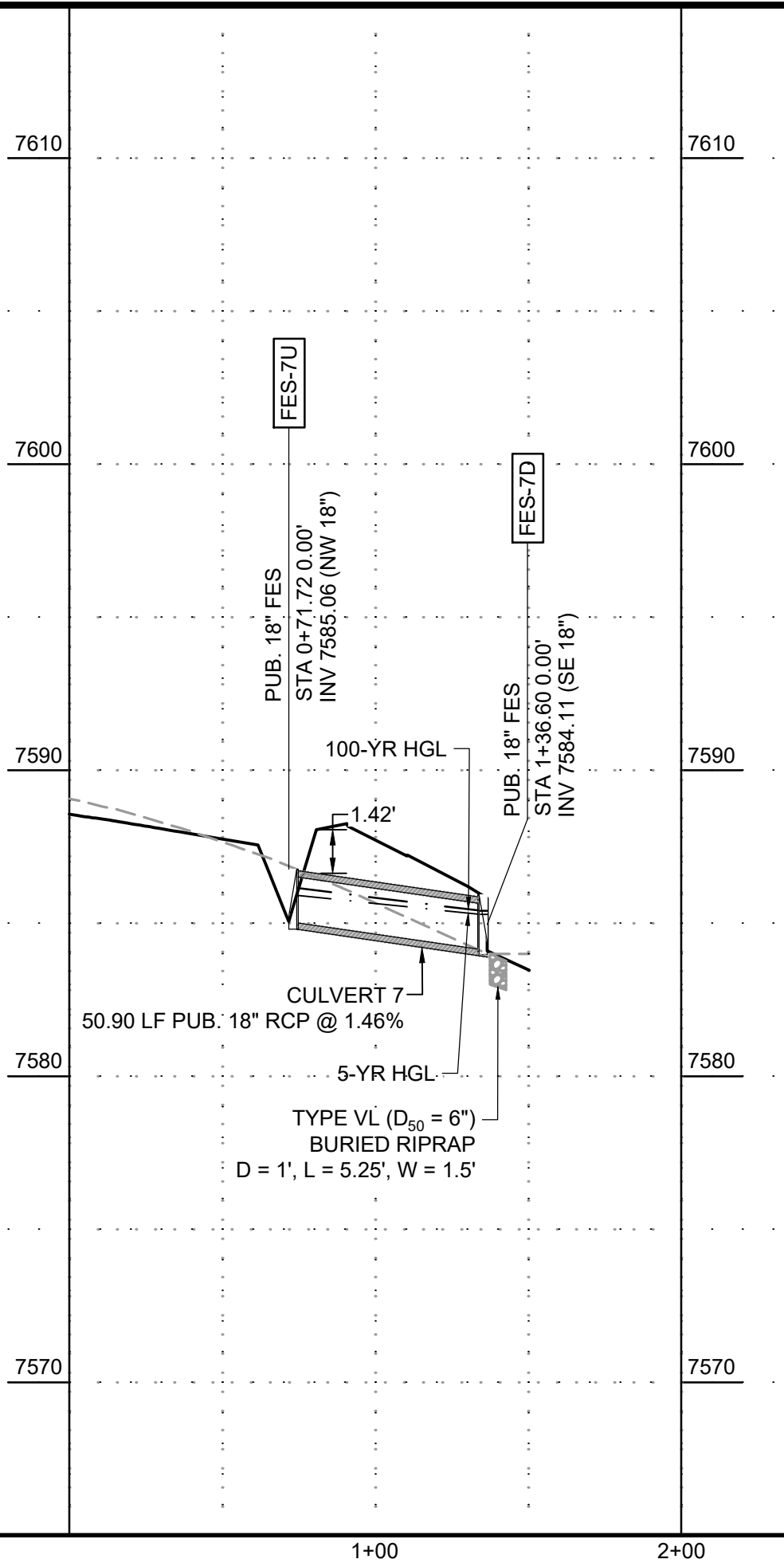
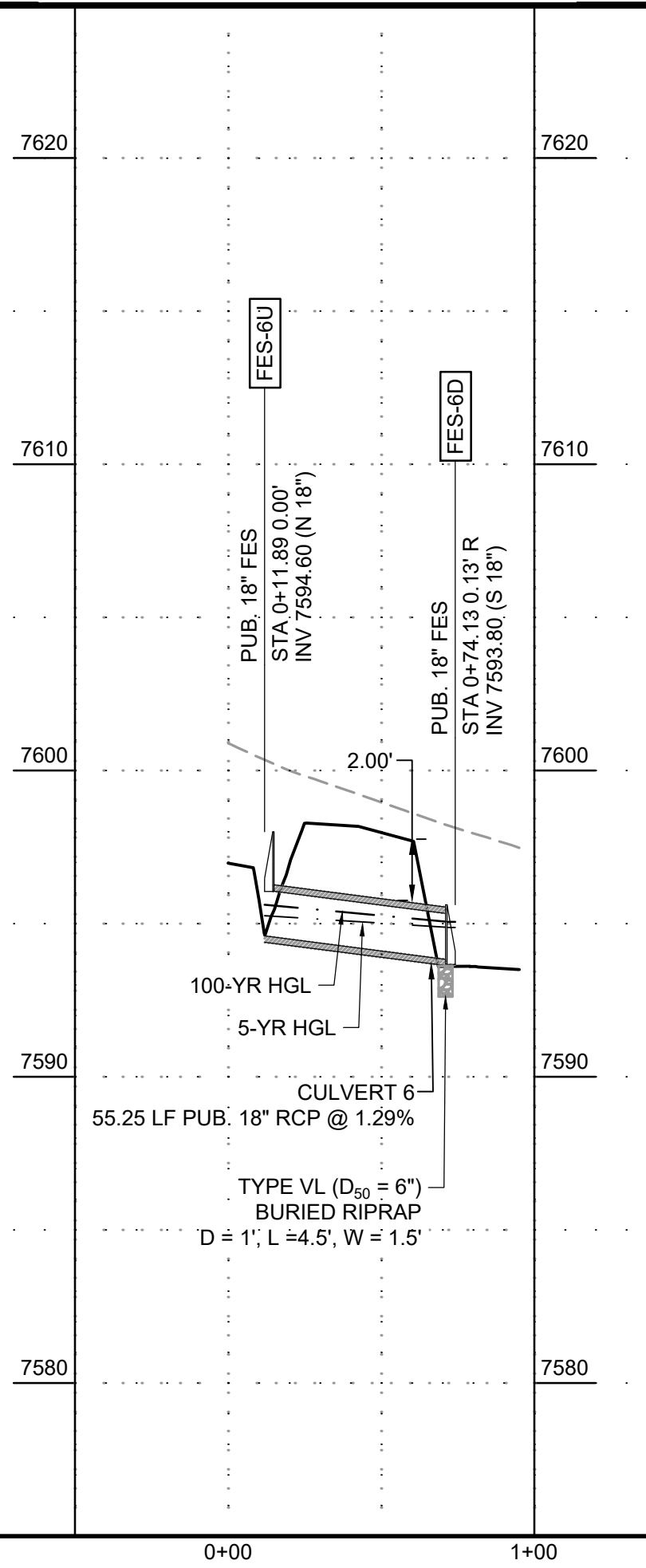
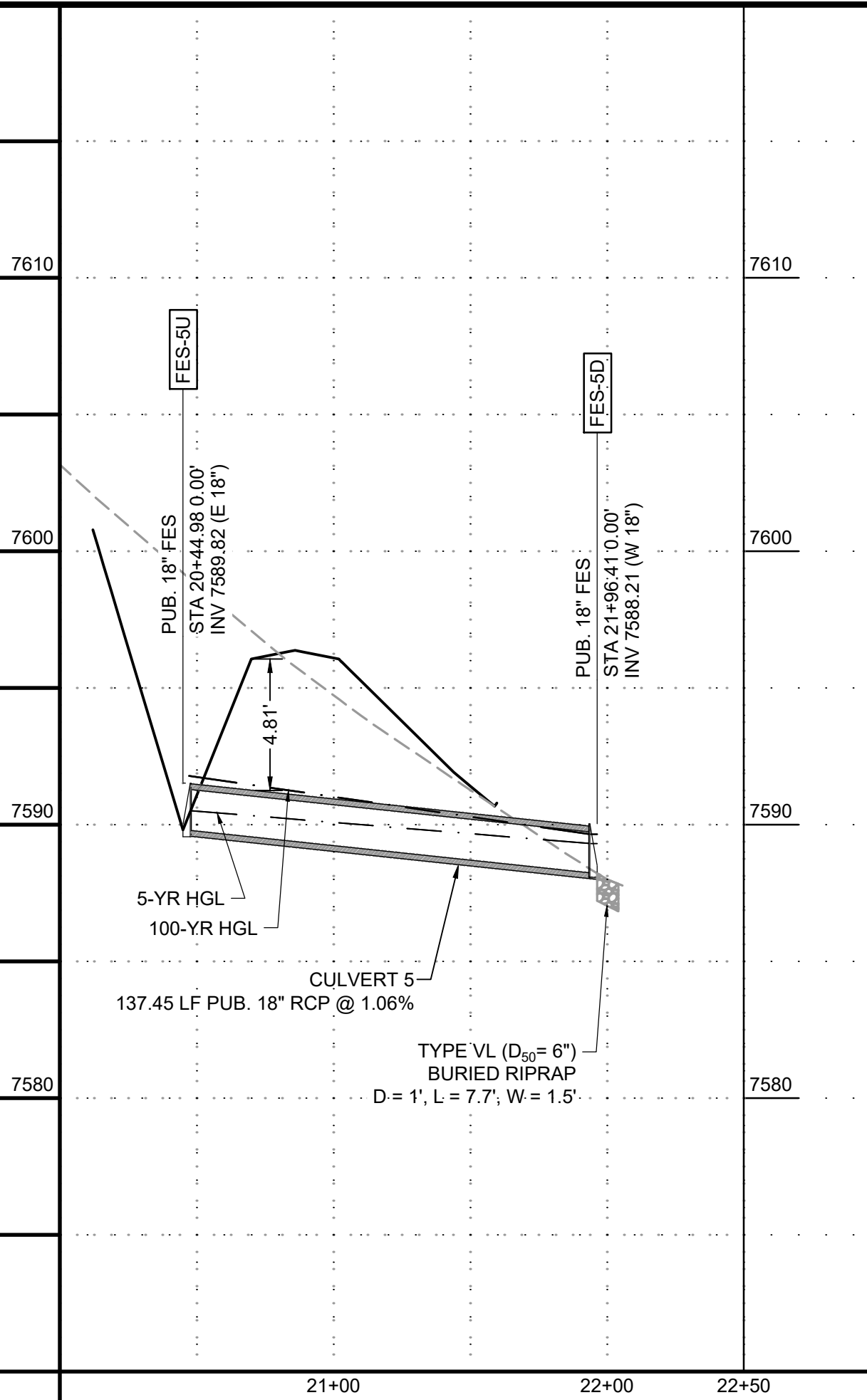
CULVERT 9

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)

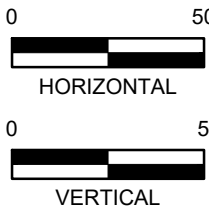


TYPICAL ROADSIDE DITCH SECTION

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



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

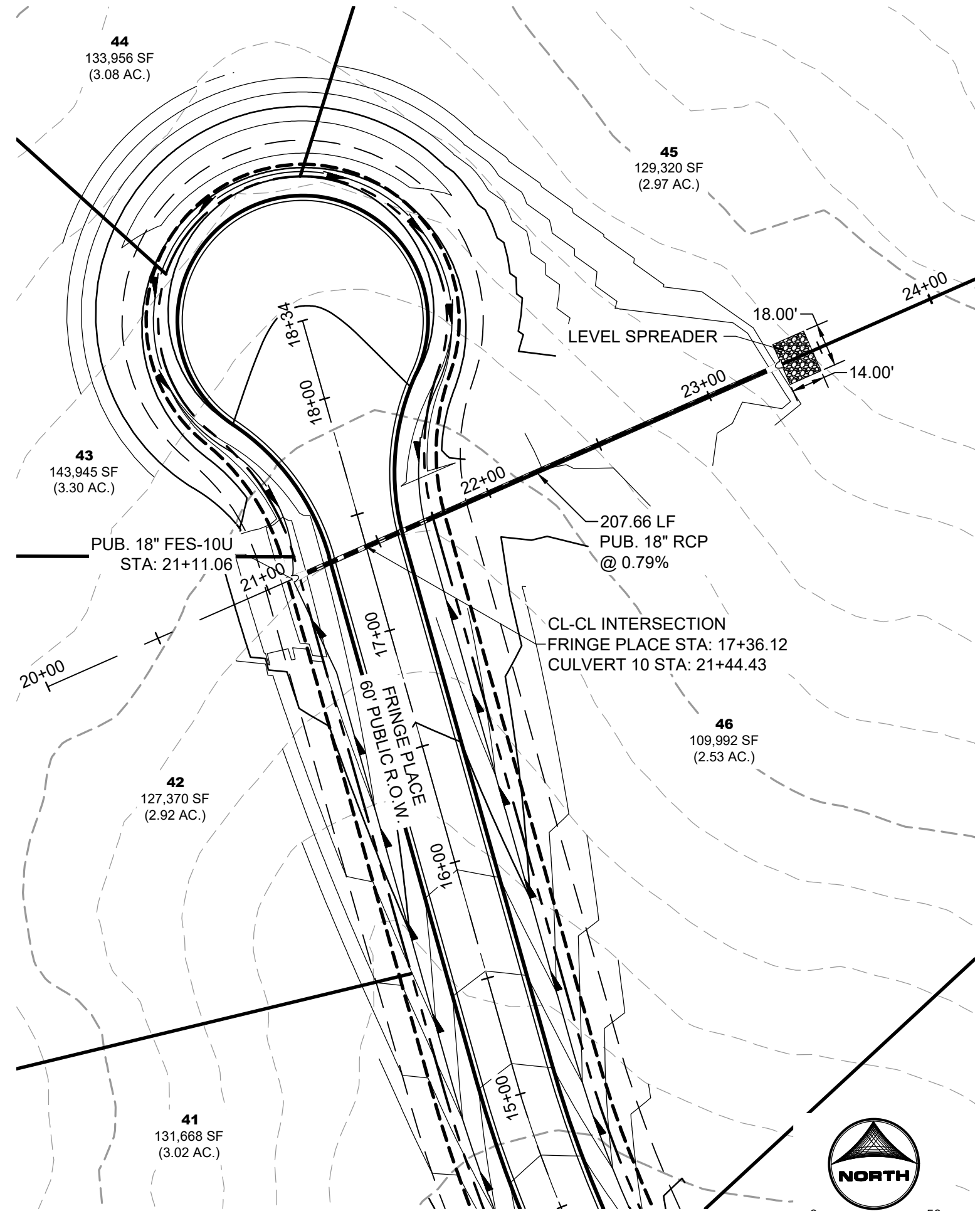
NO.	DATE	BY	REVISION DESCRIPTION

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

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PRI #2, LLC.
EL PASO COUNTY, CO

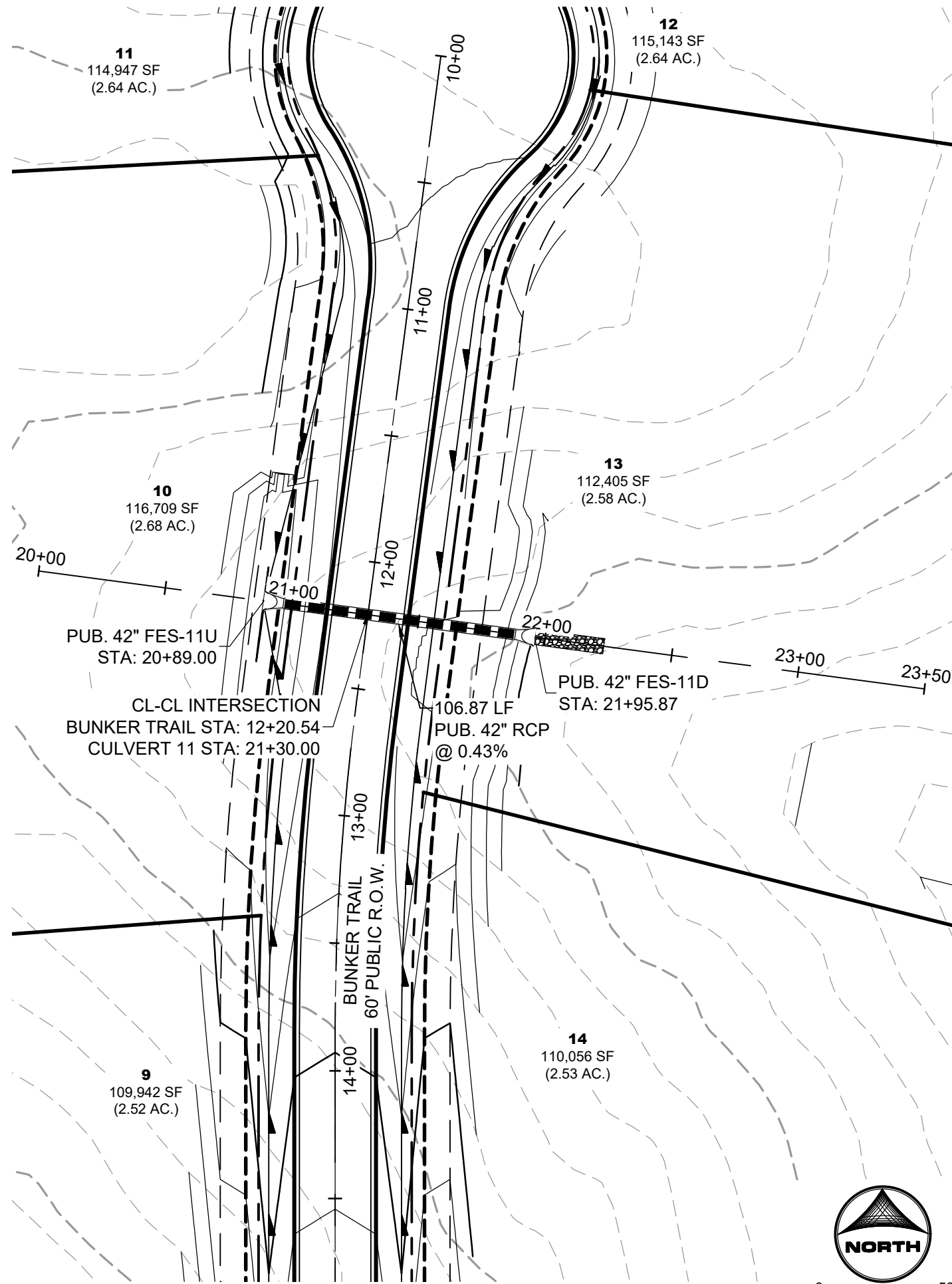
STORM SEWER PLAN & PROFILES
STORM CULVERTS

SHEET
STM
16



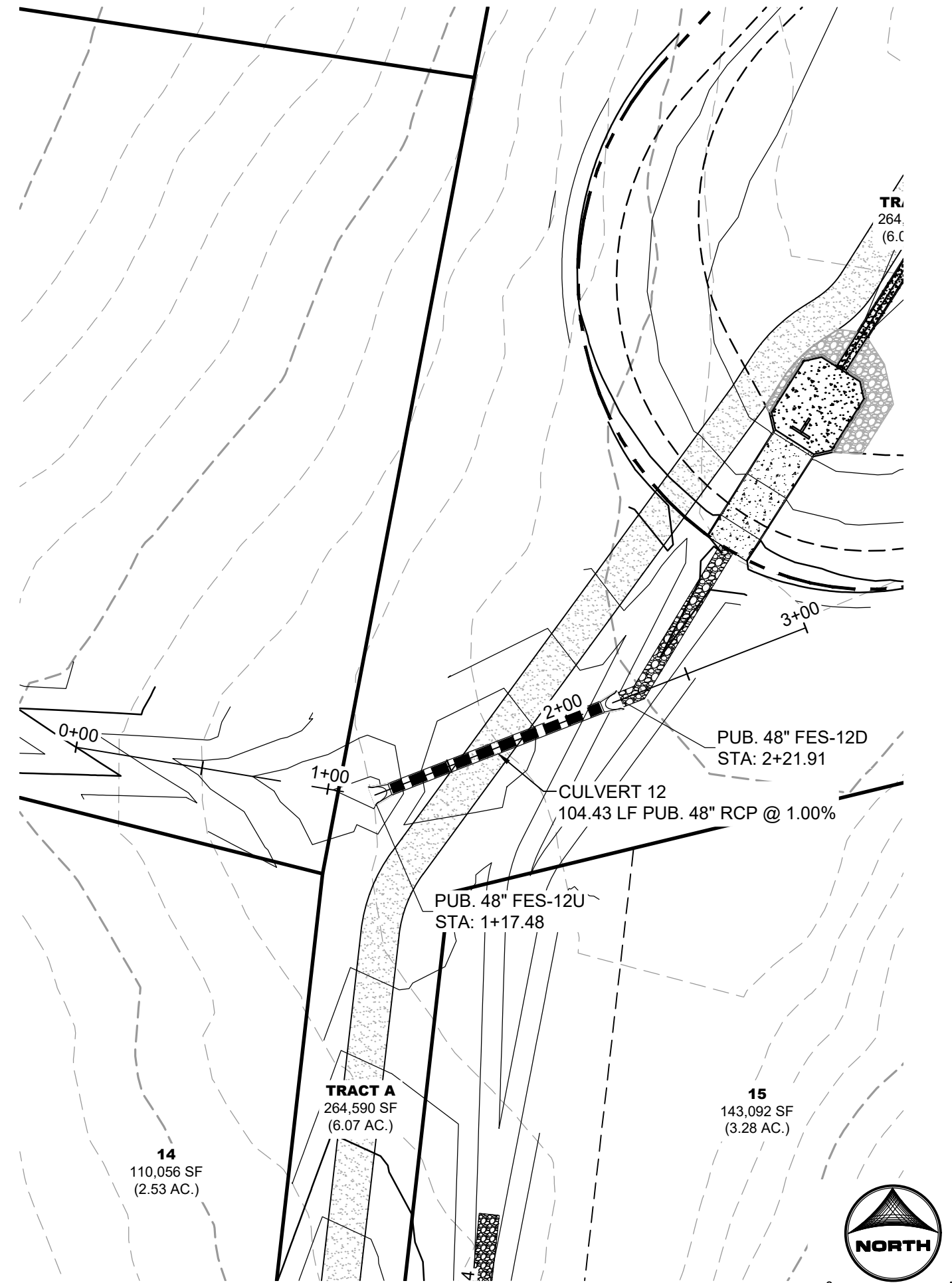
CULVERT 10

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



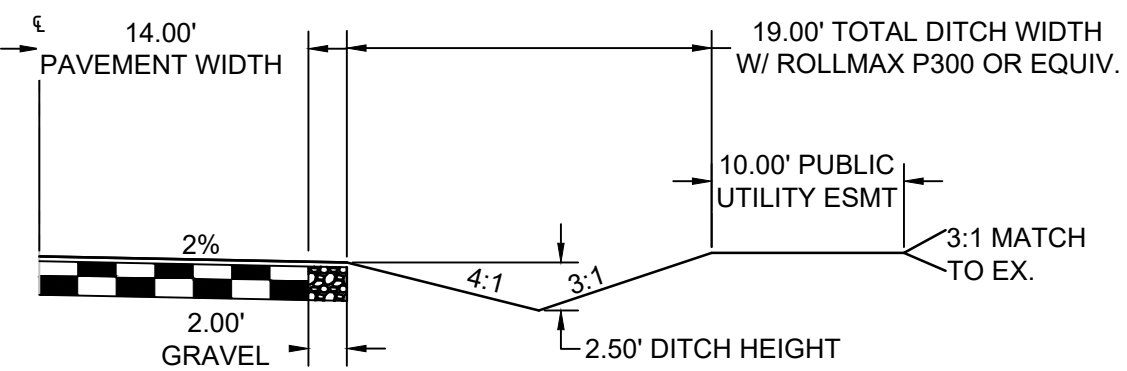
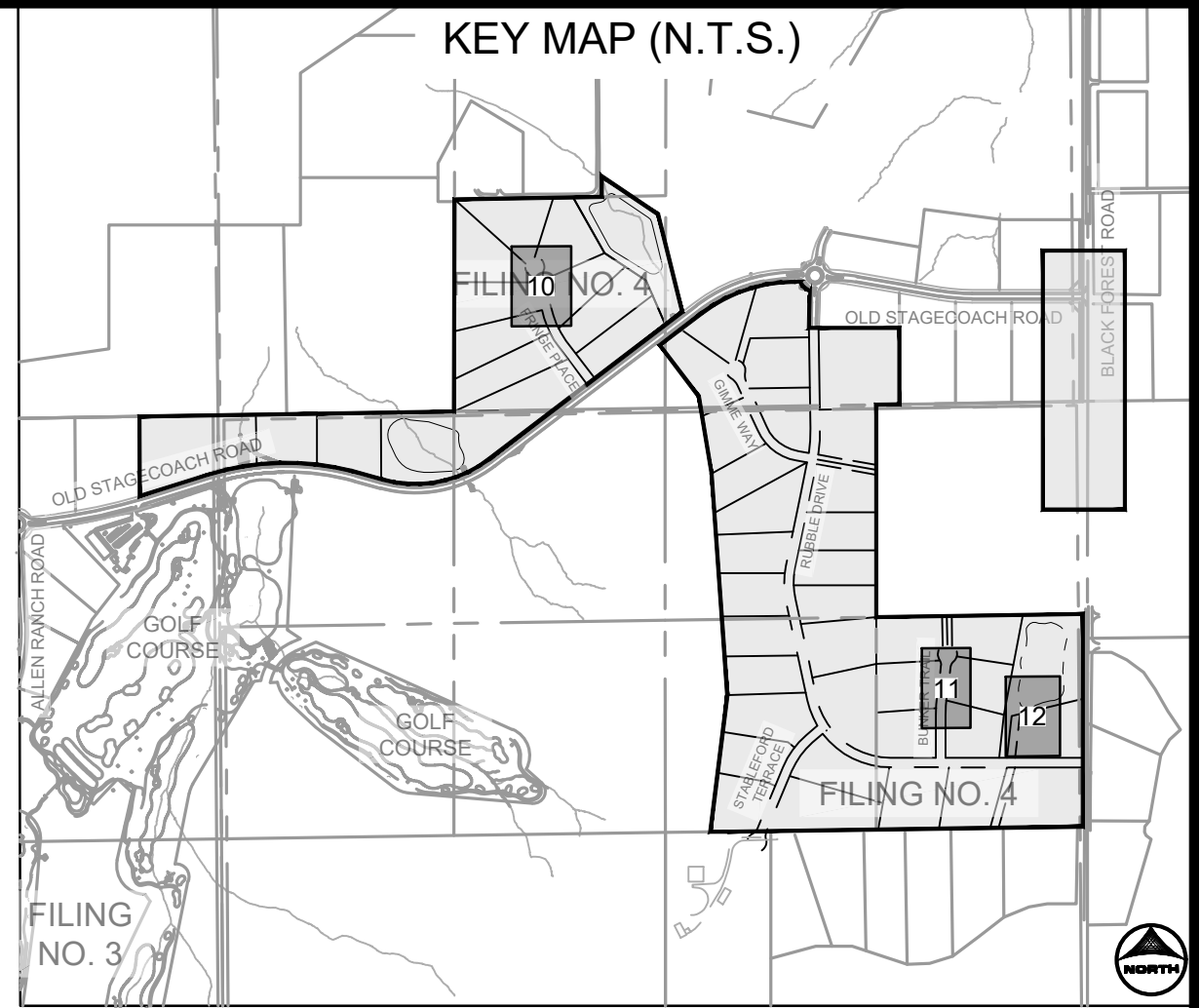
CULVERT 11

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



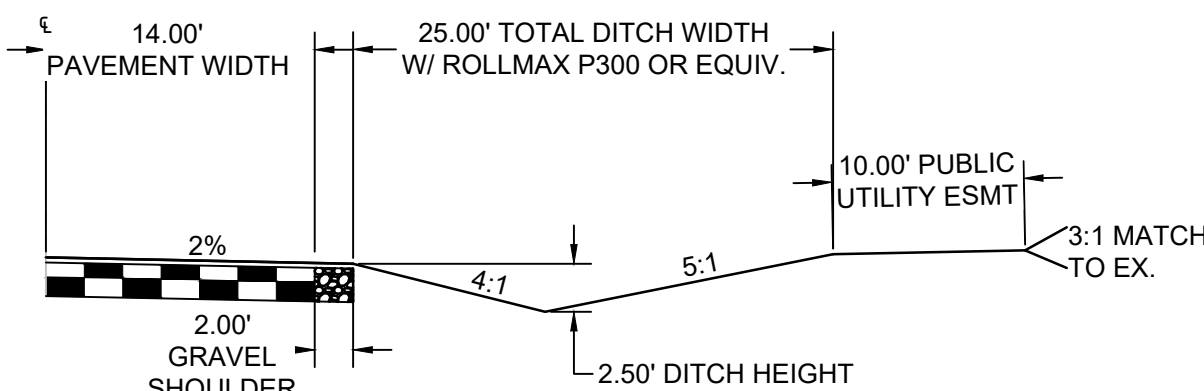
CULVERT 12

PUB. STORM CULVERT PIPE



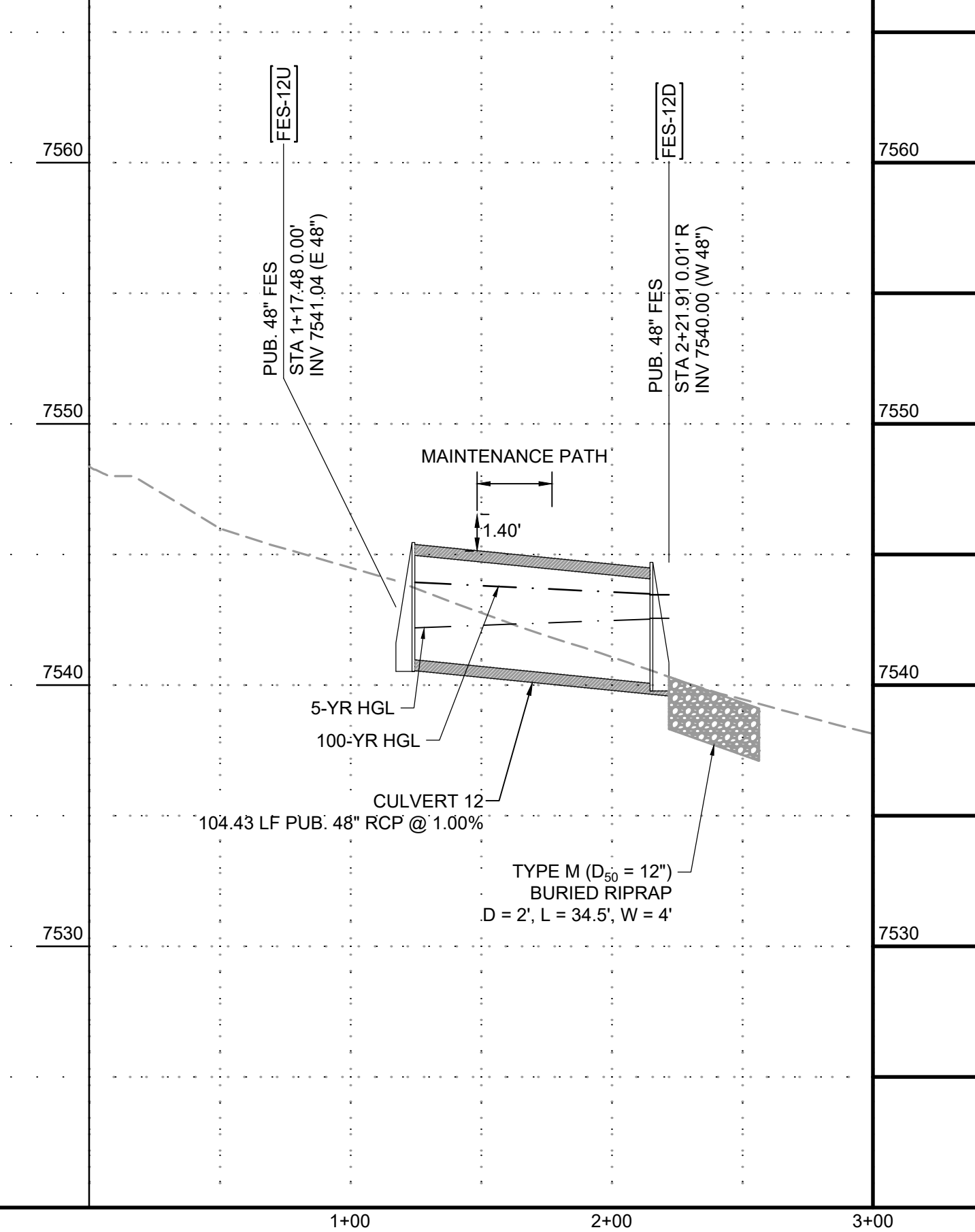
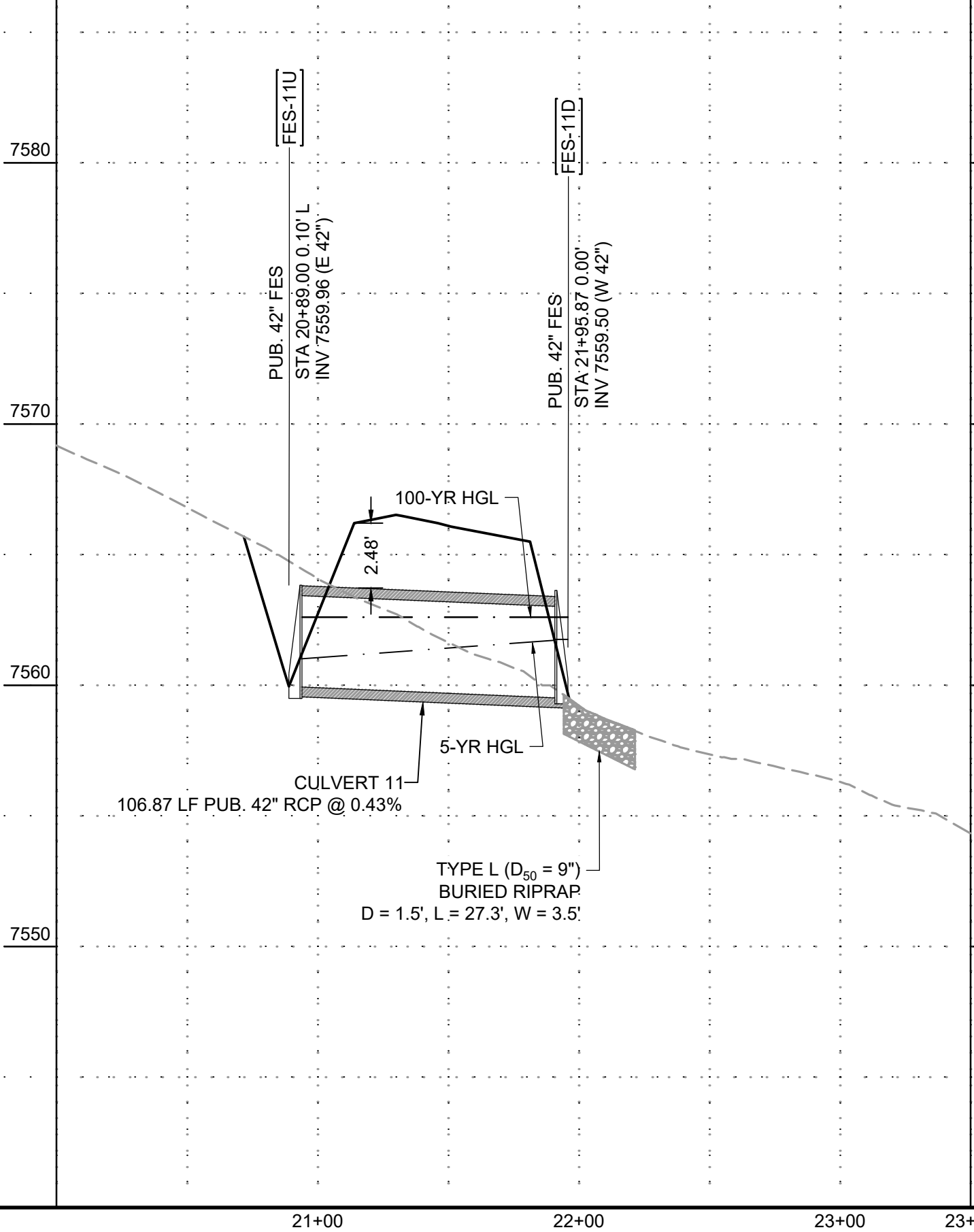
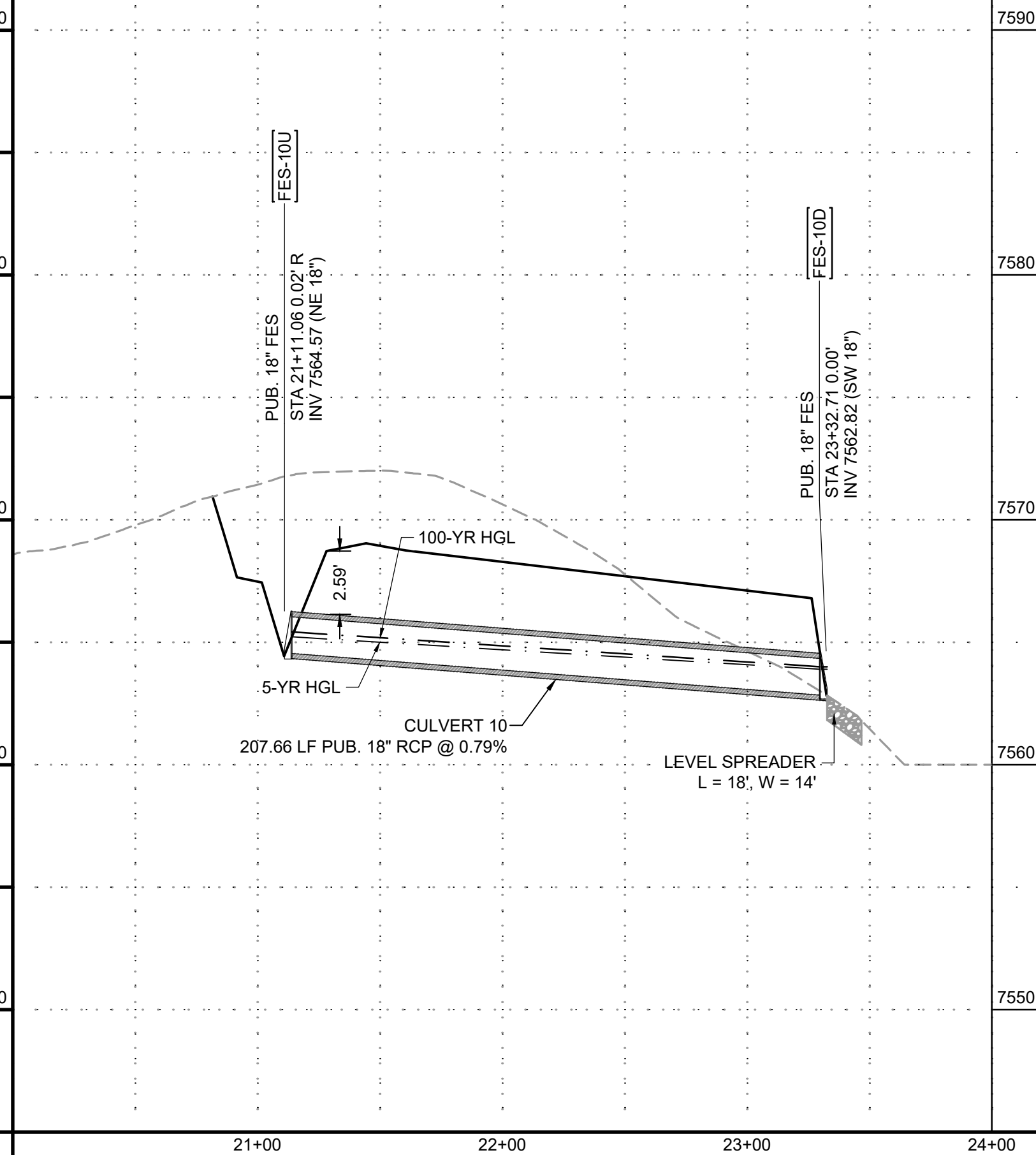
TYPICAL ROADSIDE DITCH SECTION

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

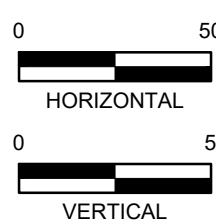


EXPANDED ROADSIDE DITCH SECTION

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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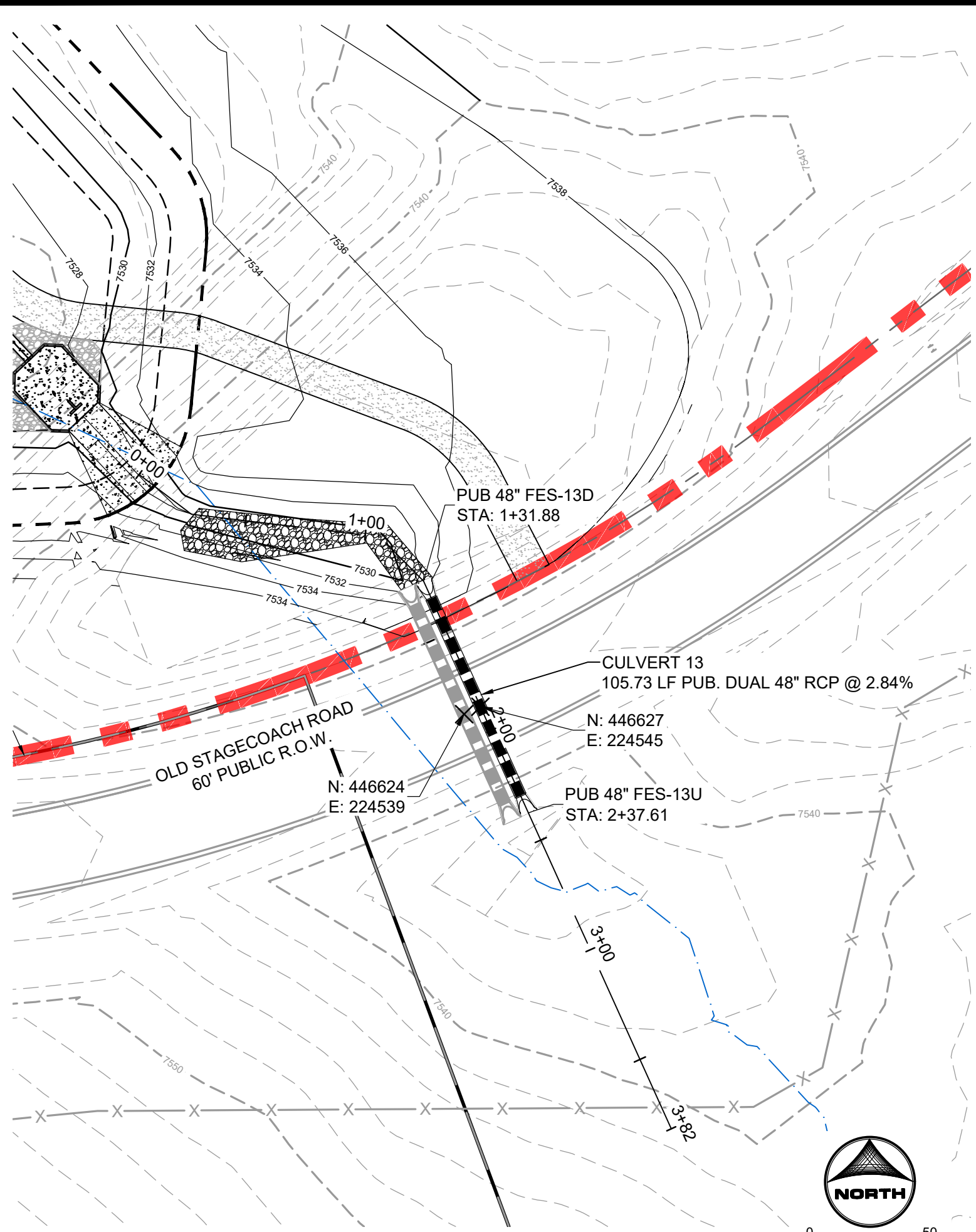
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
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EL PASO COUNTY, CO

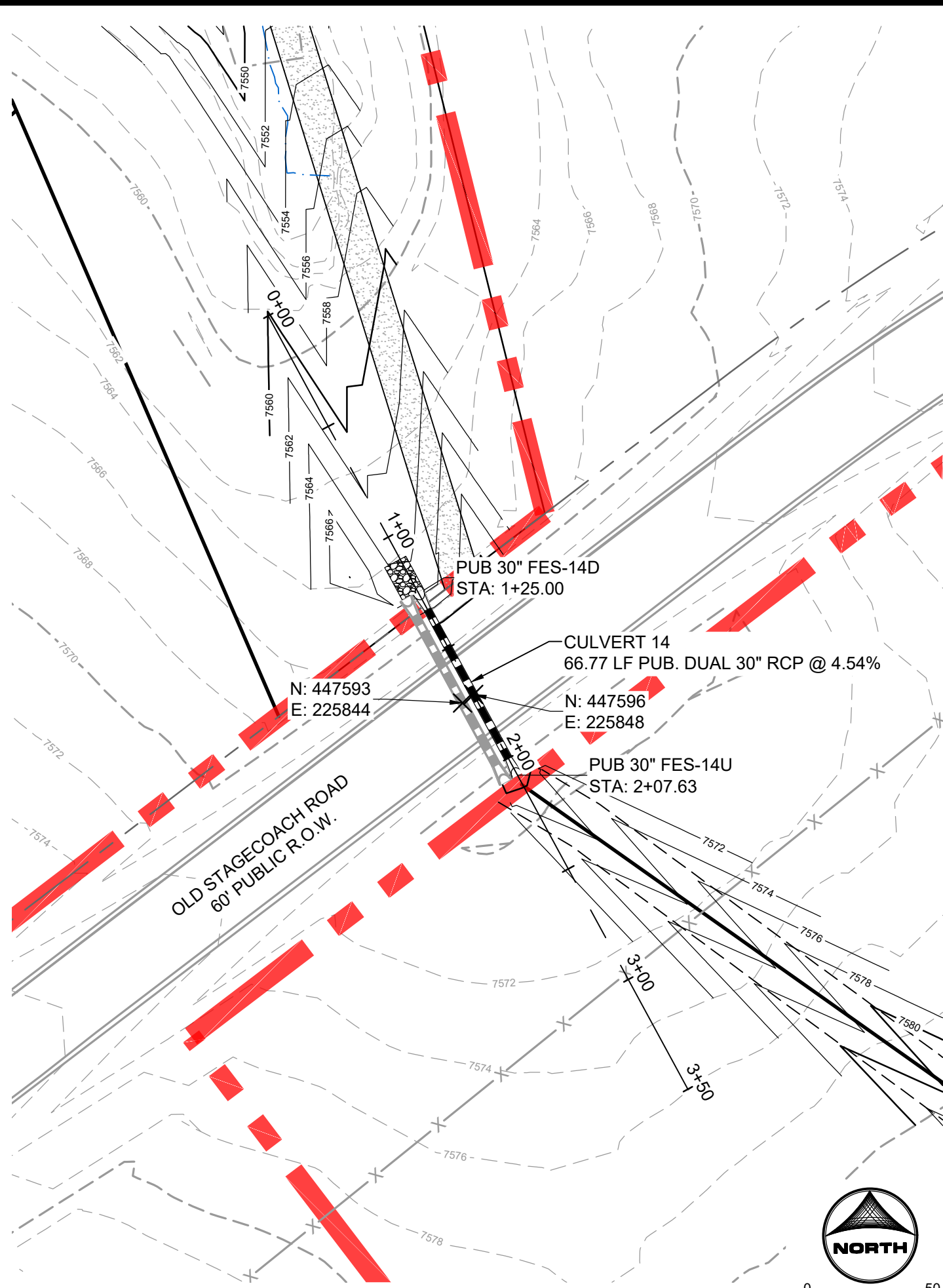
STORM SEWER PLAN & PROFILES
STORM CULVERTS

SHEET
STM

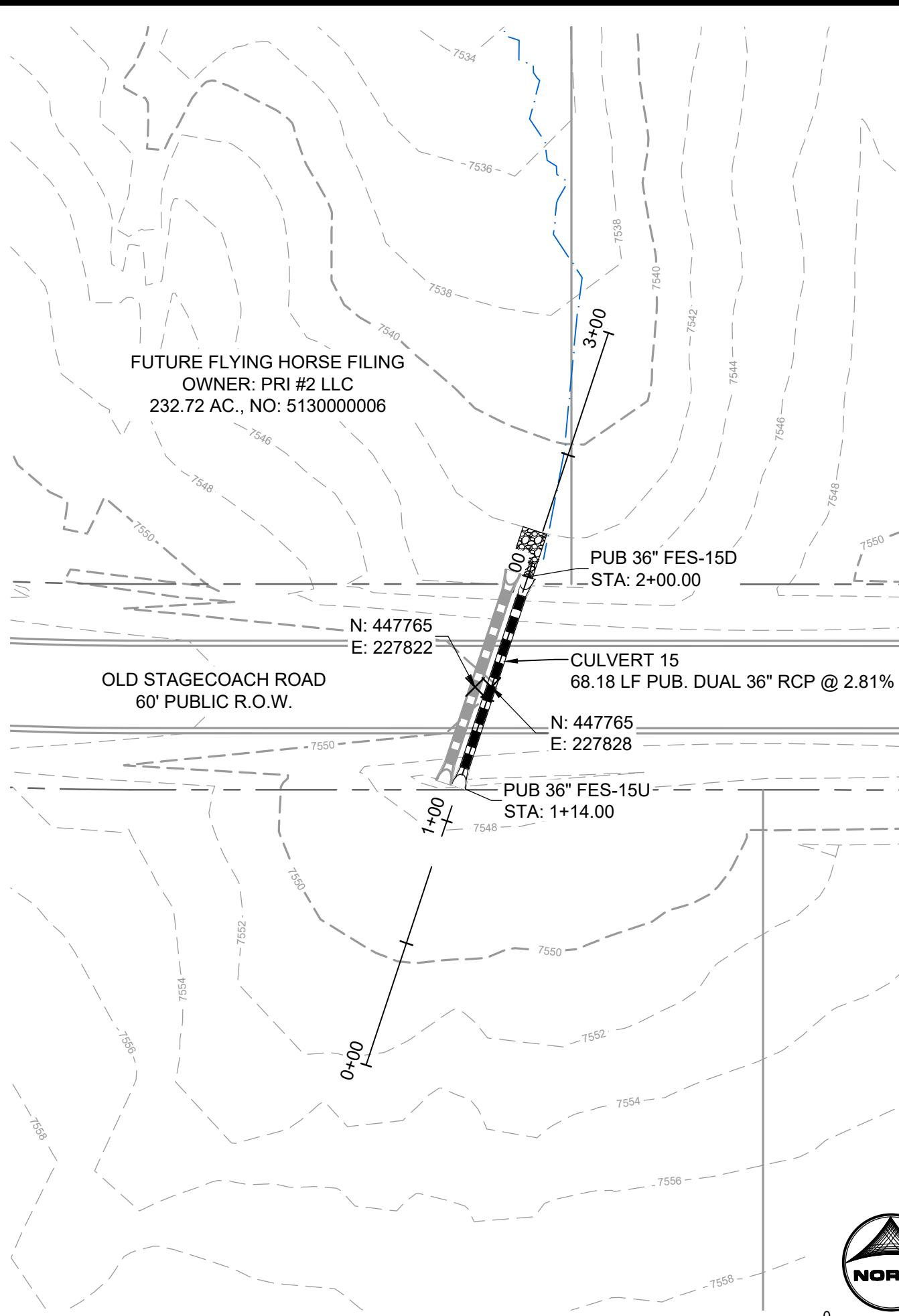
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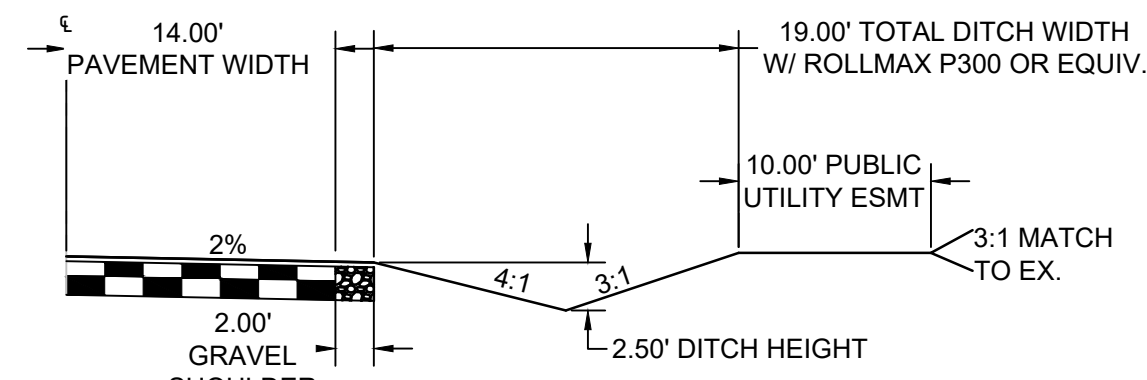
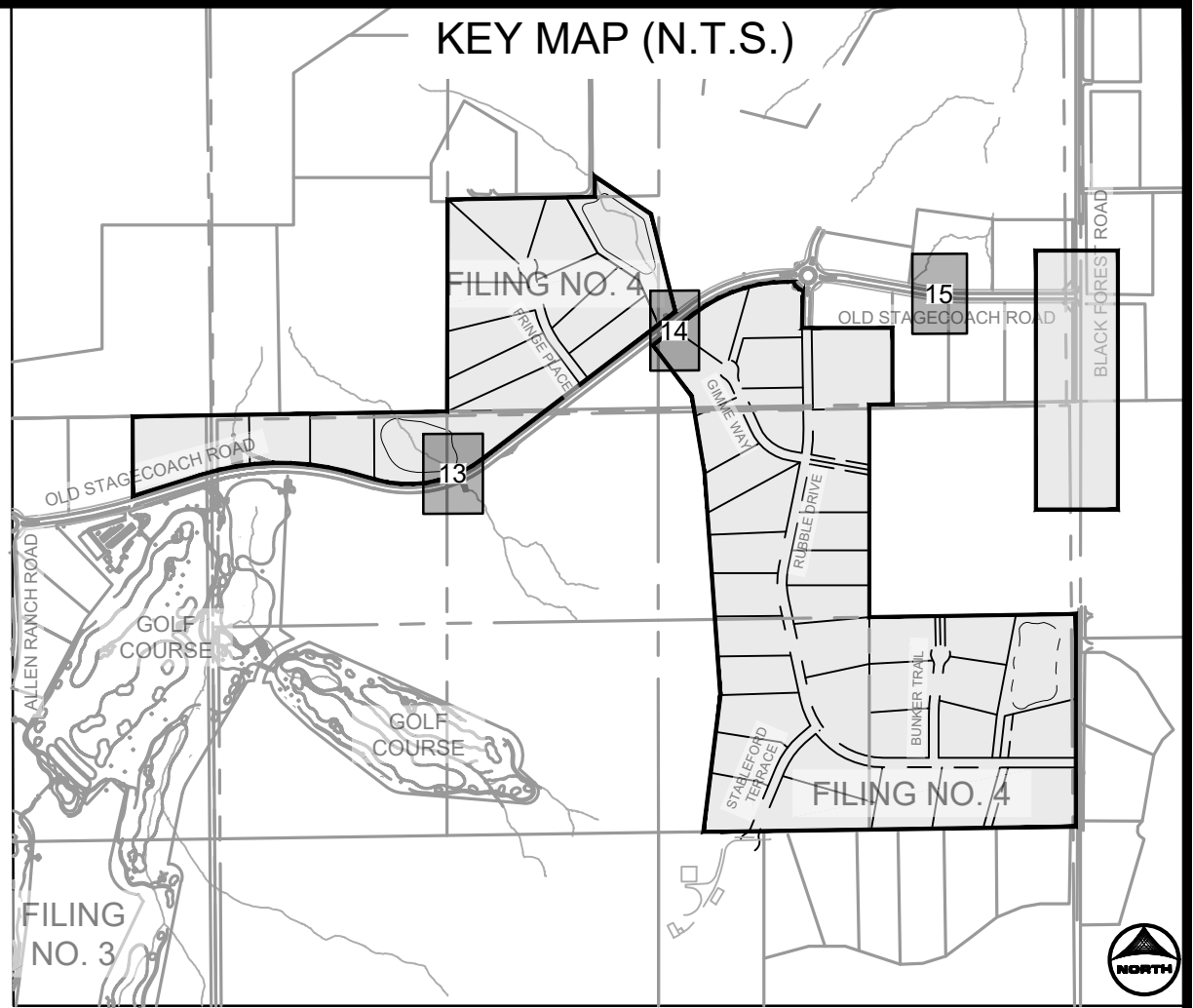
CULVERT 13
PUB. STORM CULVERT PIPE WITHIN OLD STAGECOACH ROAD
PUB. 80' R.O.W. - COLLECTOR



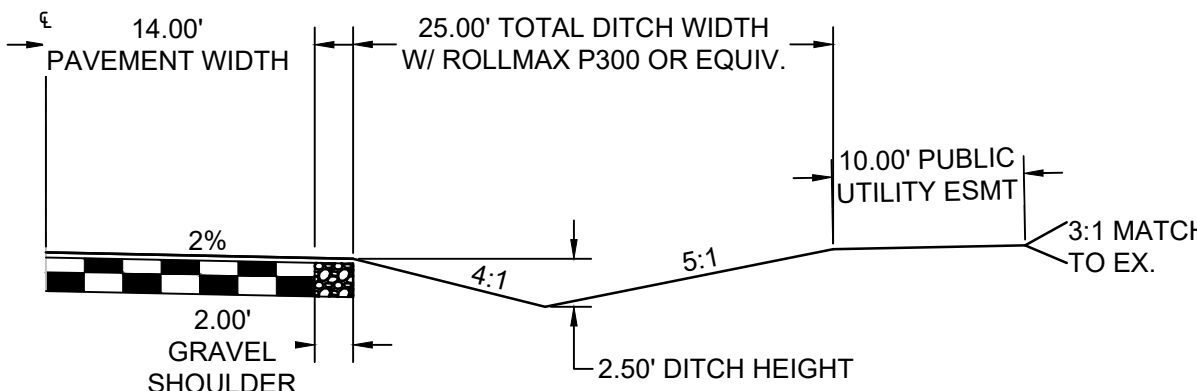
CULVERT 14
PUB. STORM CULVERT PIPE WITHIN OLD STAGECOACH
PUB. 80' R.O.W. - COLLECTOR



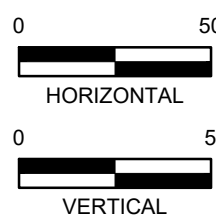
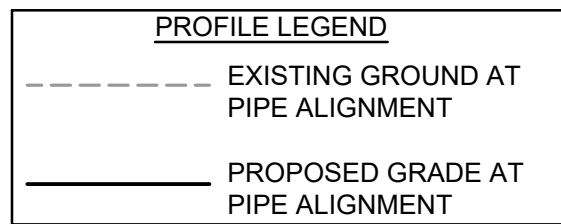
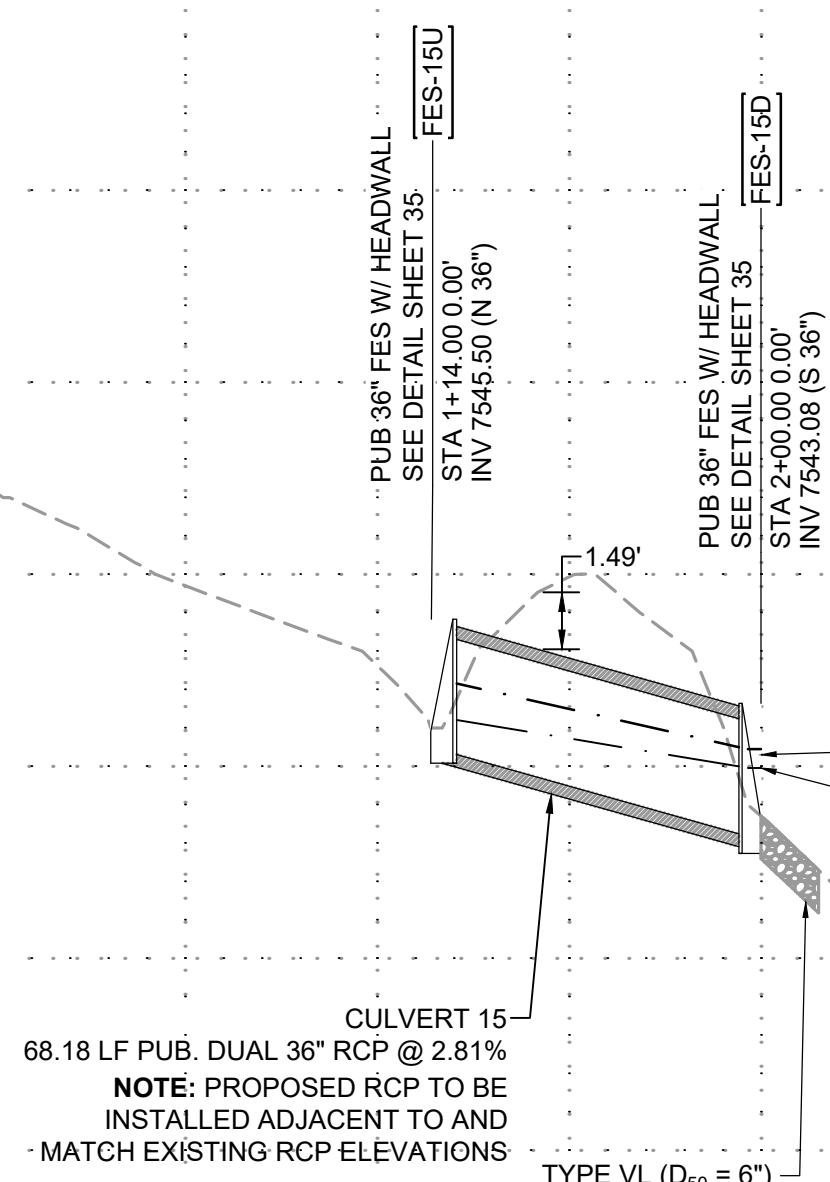
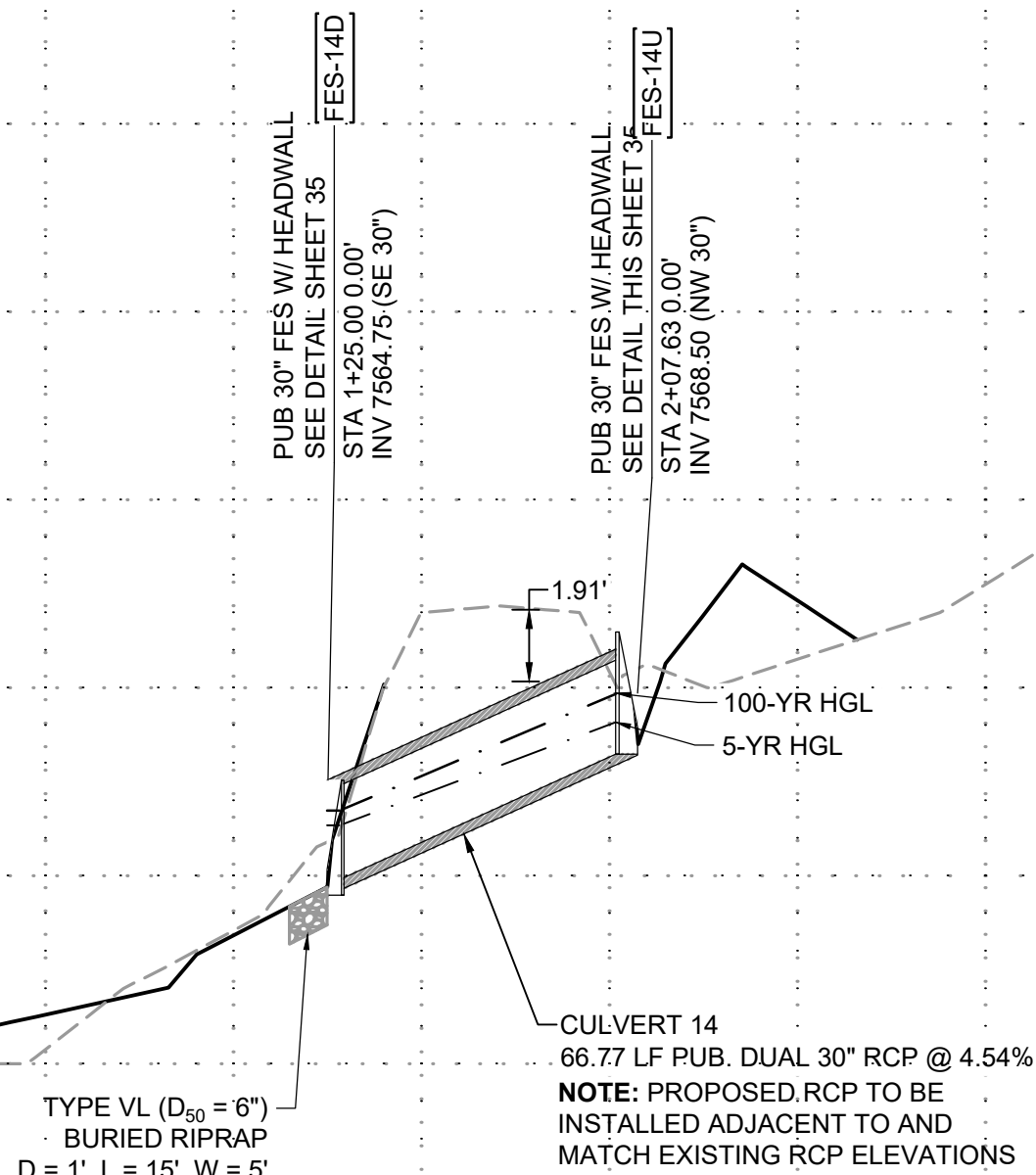
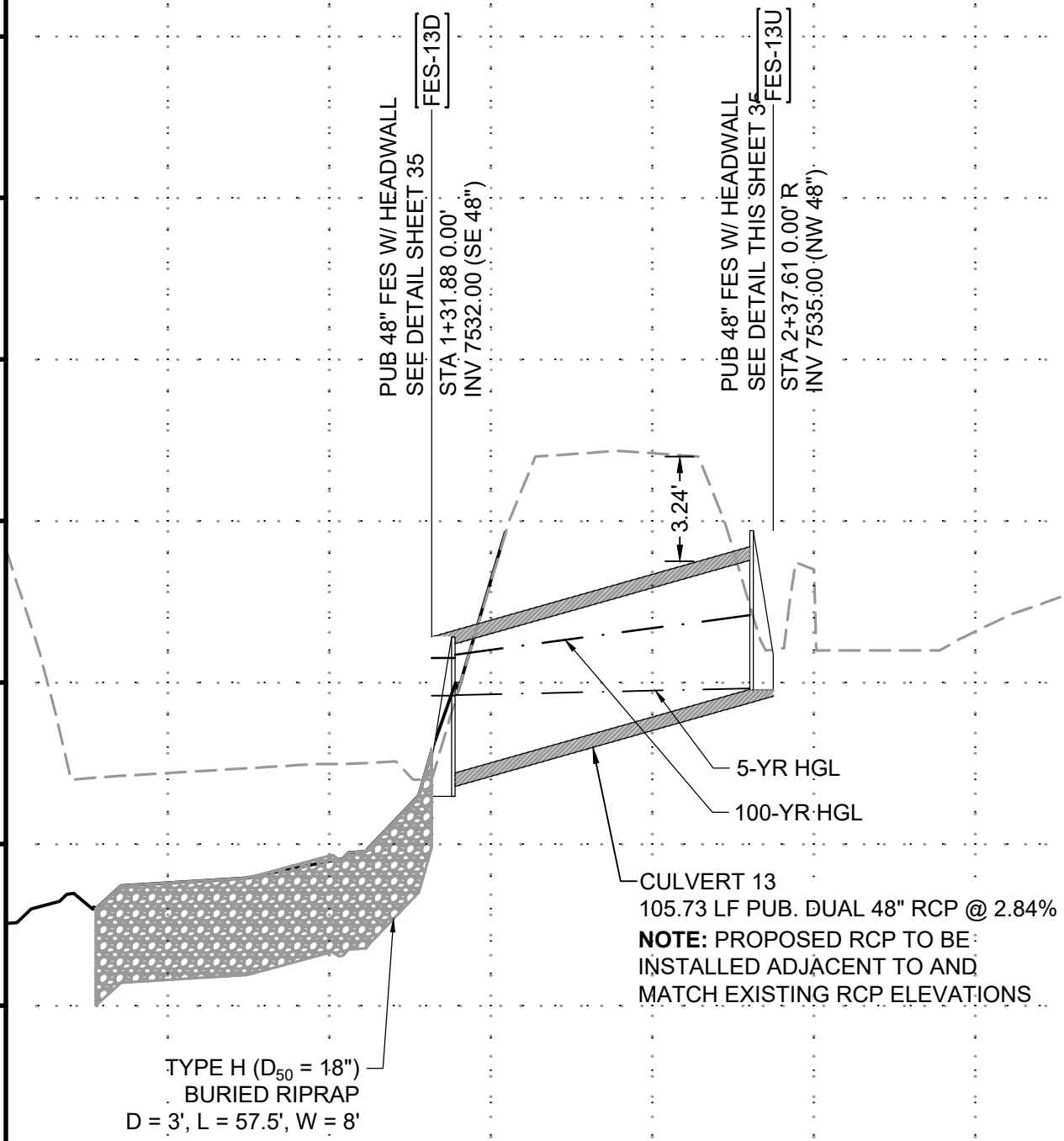
CULVERT 15
PUB. STORM CULVERT PIPE WITHIN OLD STAGE COACH
PUB. 80' ROW - COLLECTOR



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)



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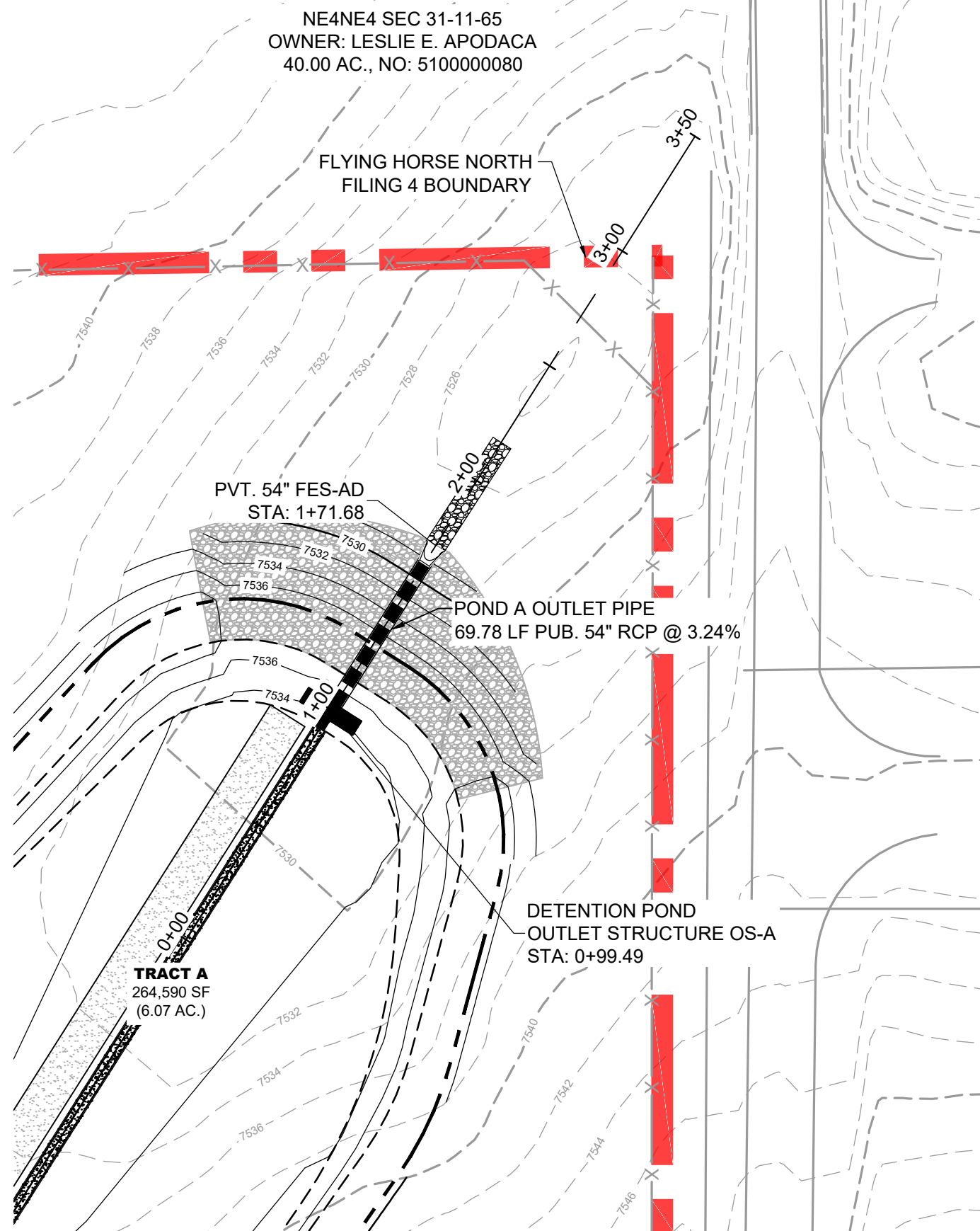
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1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
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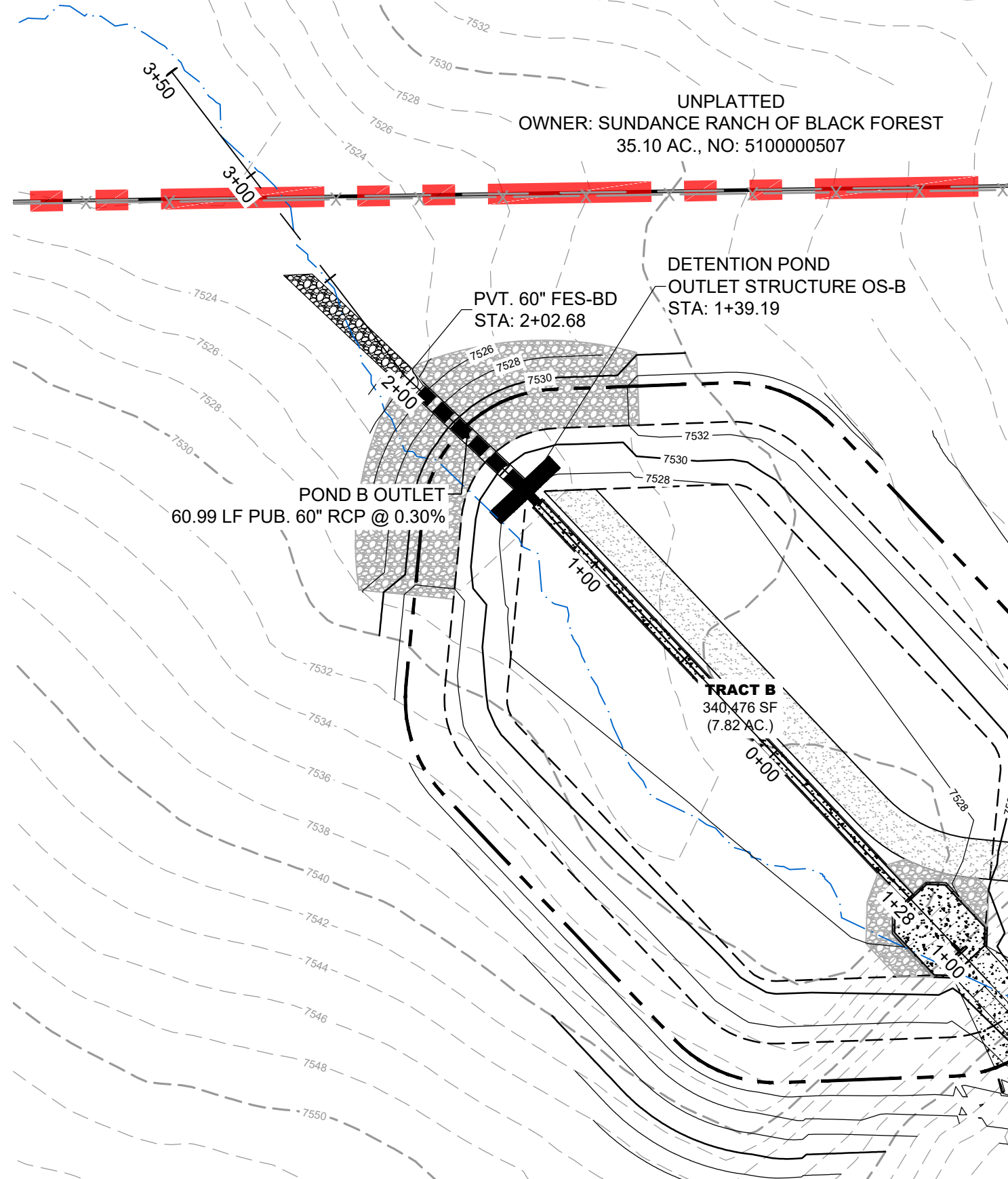
FLYING HORSE NORTH FILING 4
PRI #2, LLC.
EL PASO COUNTY, CO

STORM SEWER PLAN & PROFILES
STORM CULVERTS

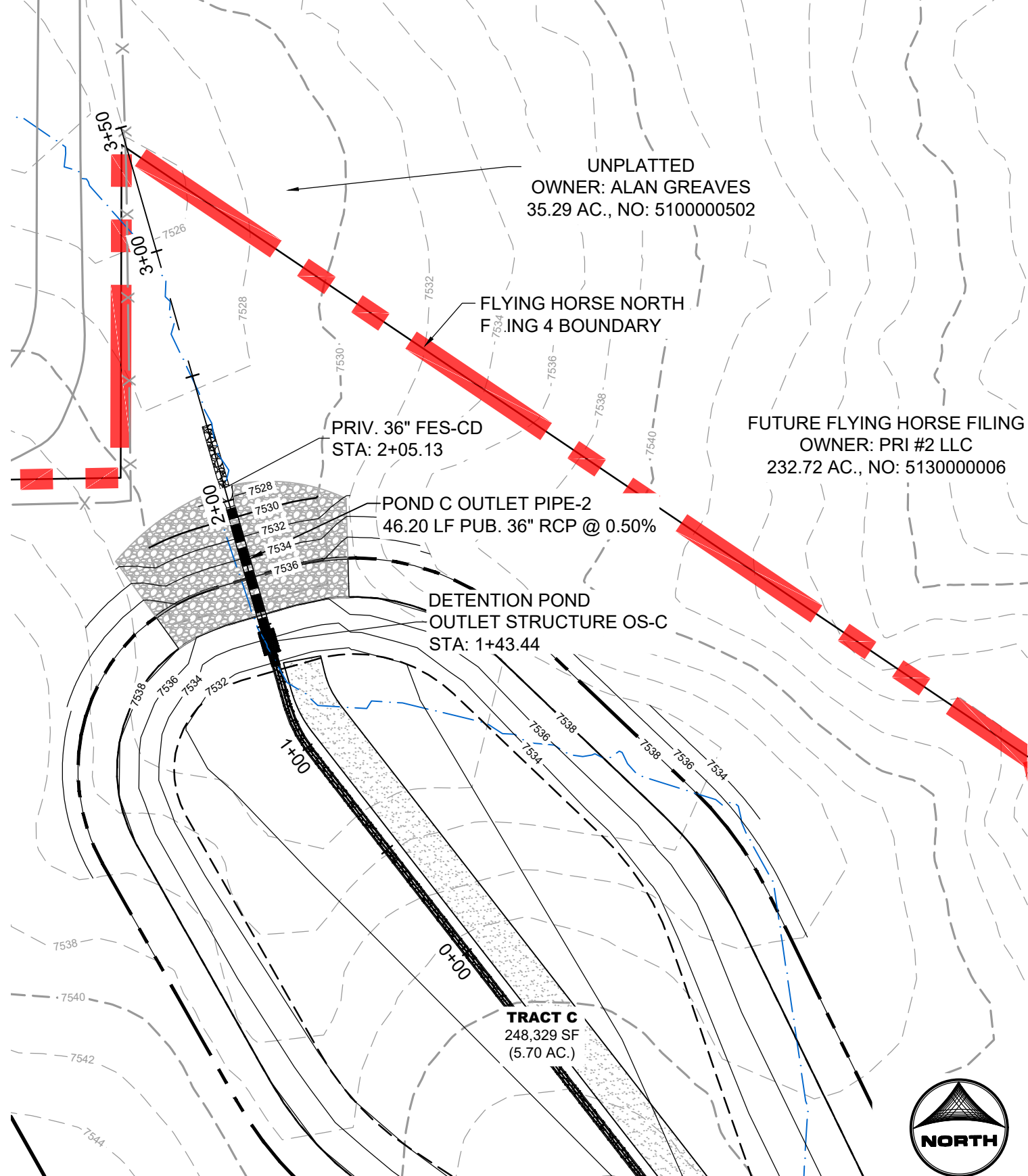
SHEET
STM
18



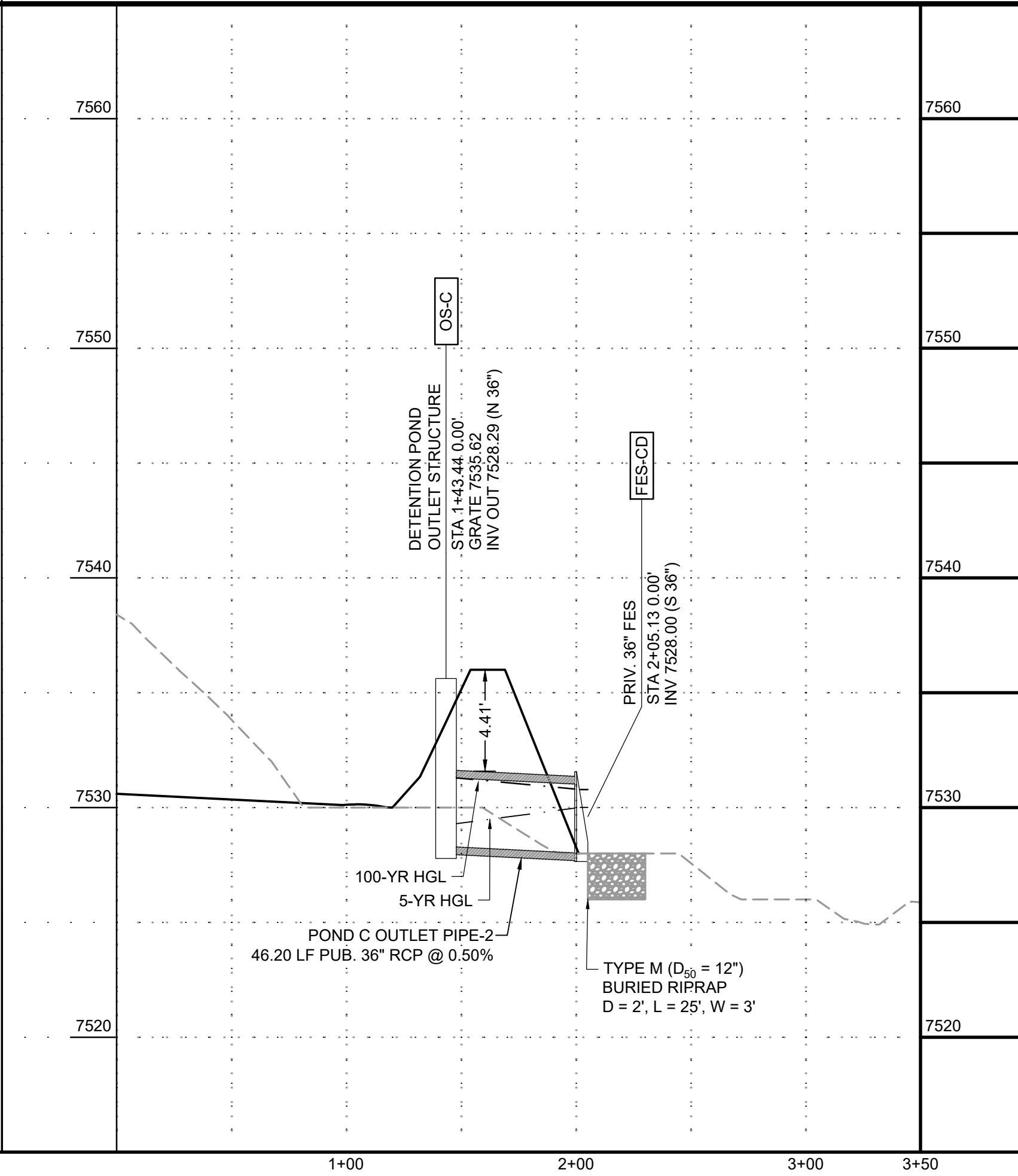
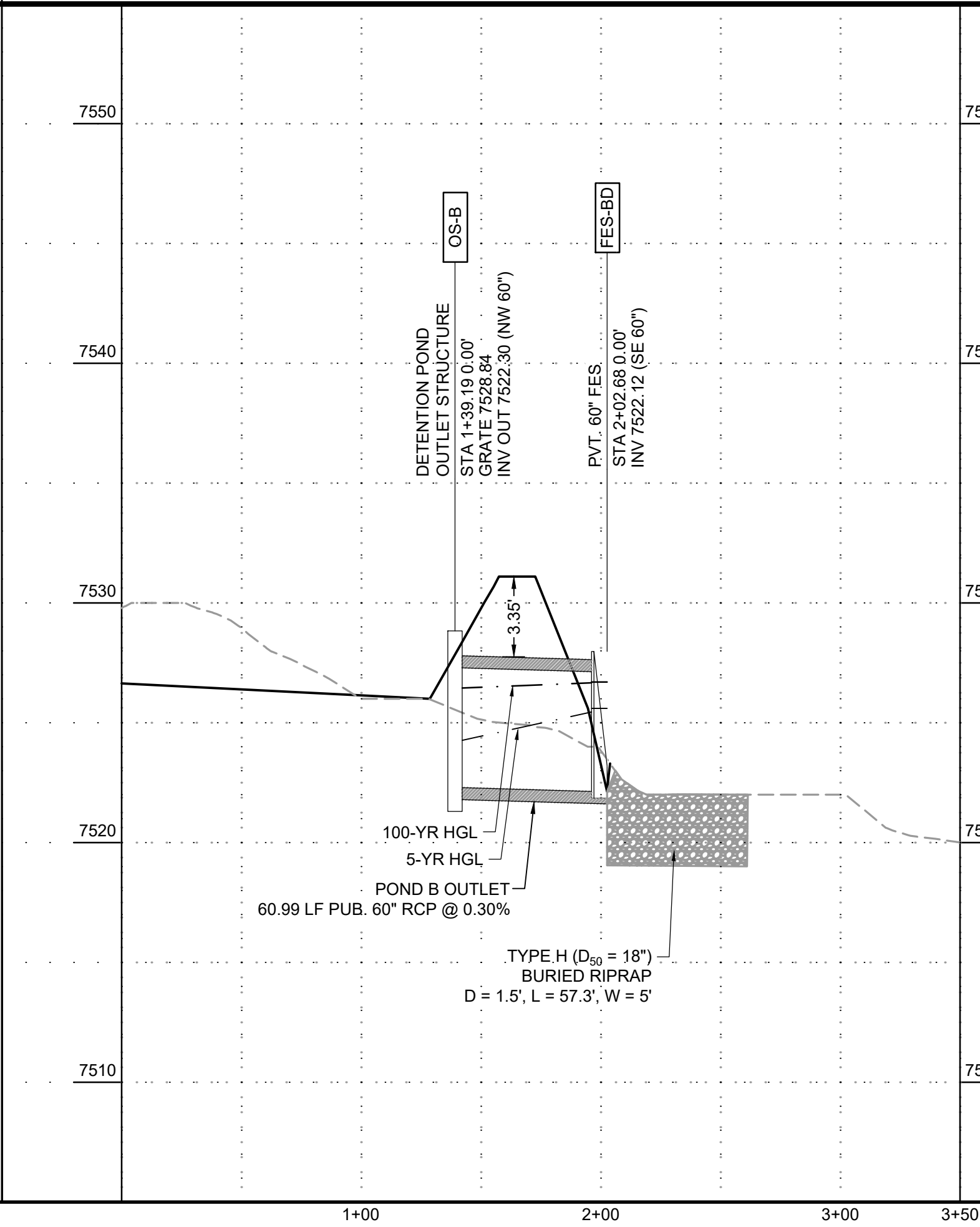
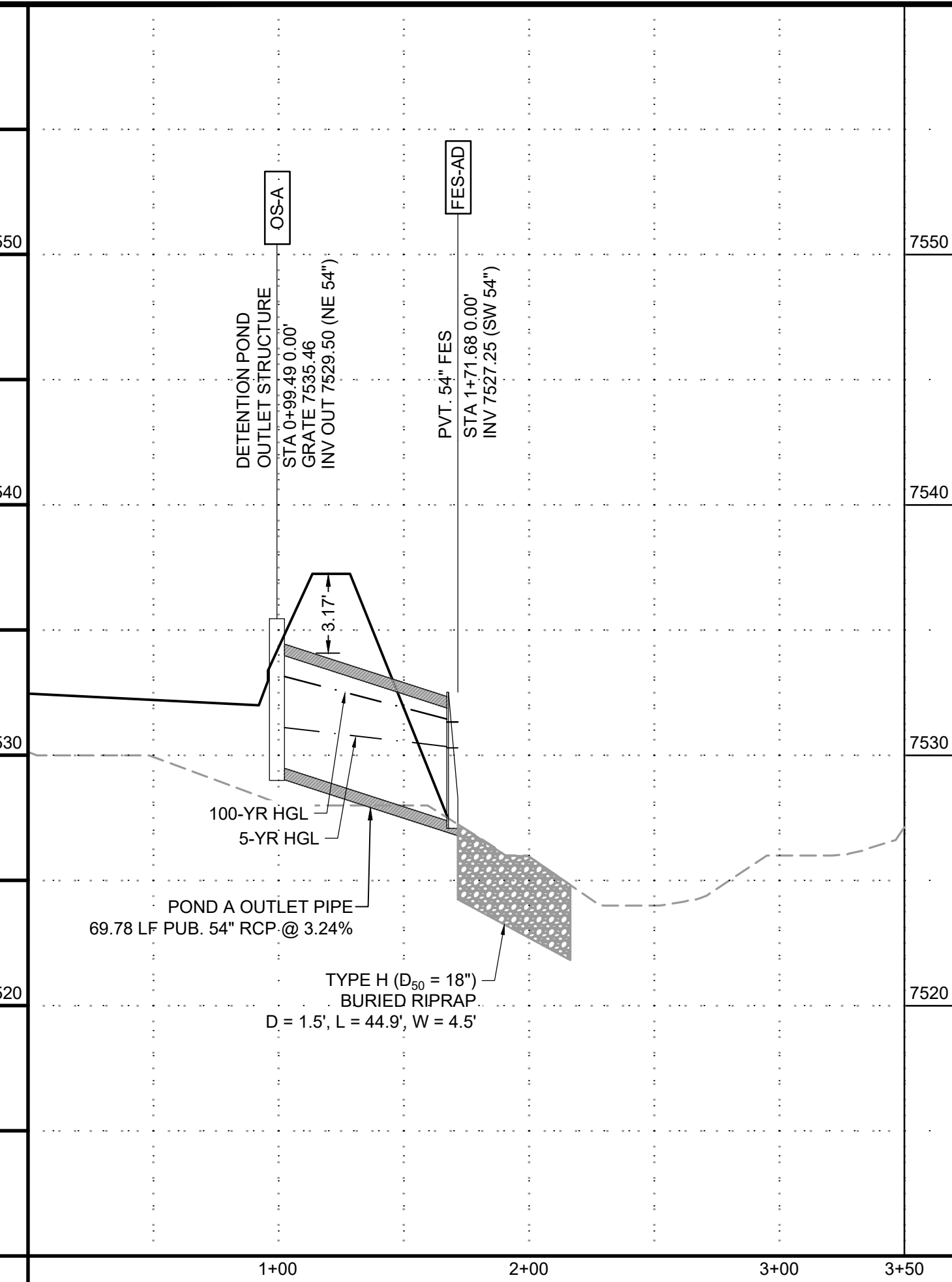
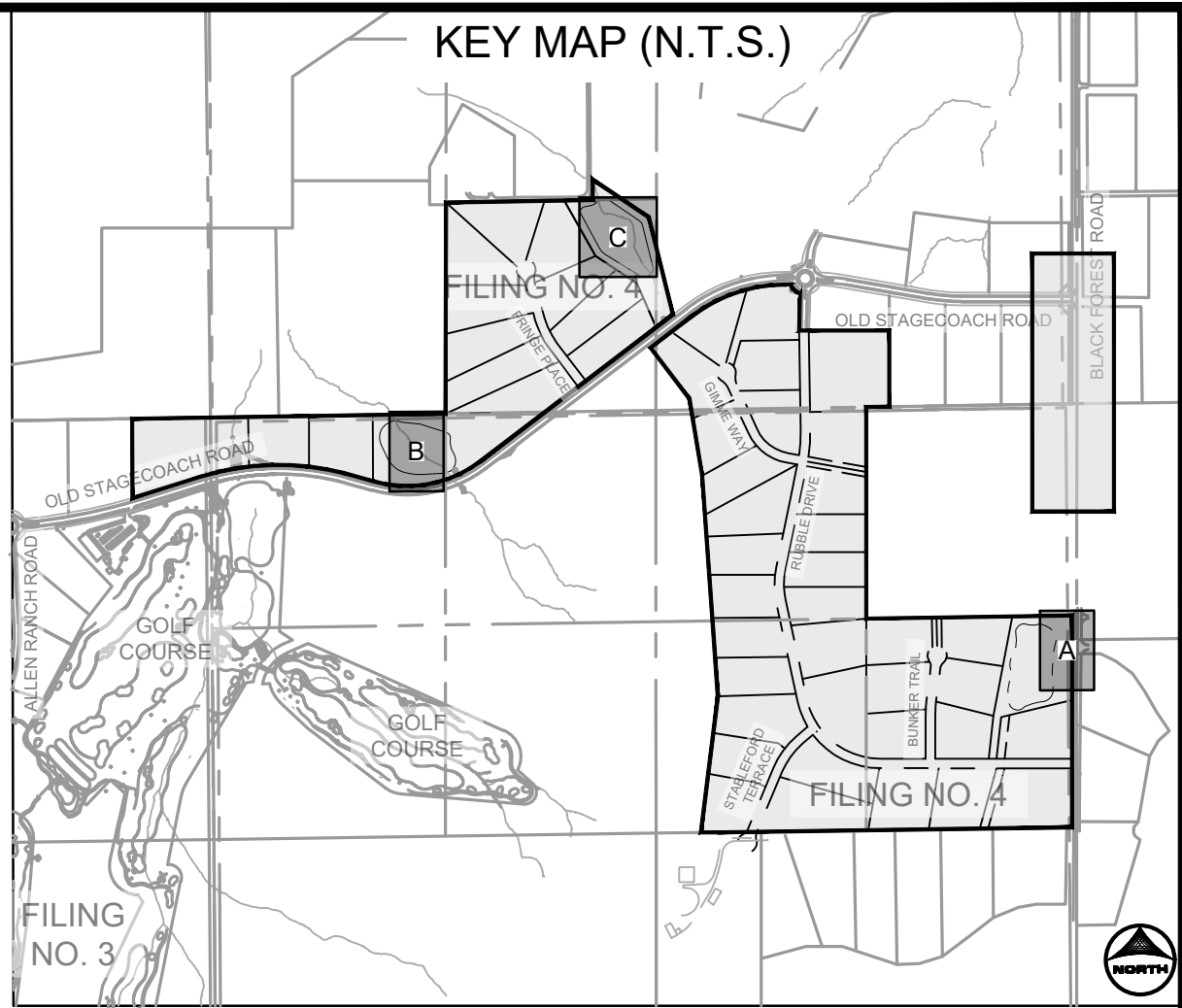
POND A OUTLET
PVT. STORM CULVERT PIPE WITHIN
TRACT A



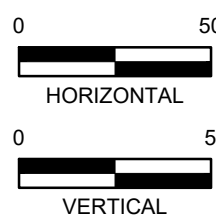
POND B OUTLET
PVT. STORM CULVERT PIPE WITHIN
TRACT B



POND C OUTLET
PVT. STORM CULVERT PIPE WITHIN
TRACT C



PROFILE LEGEND	
	EXISTING GROUND AT PIPE ALIGNMENT
	PROPOSED GRADE AT PIPE ALIGNMENT



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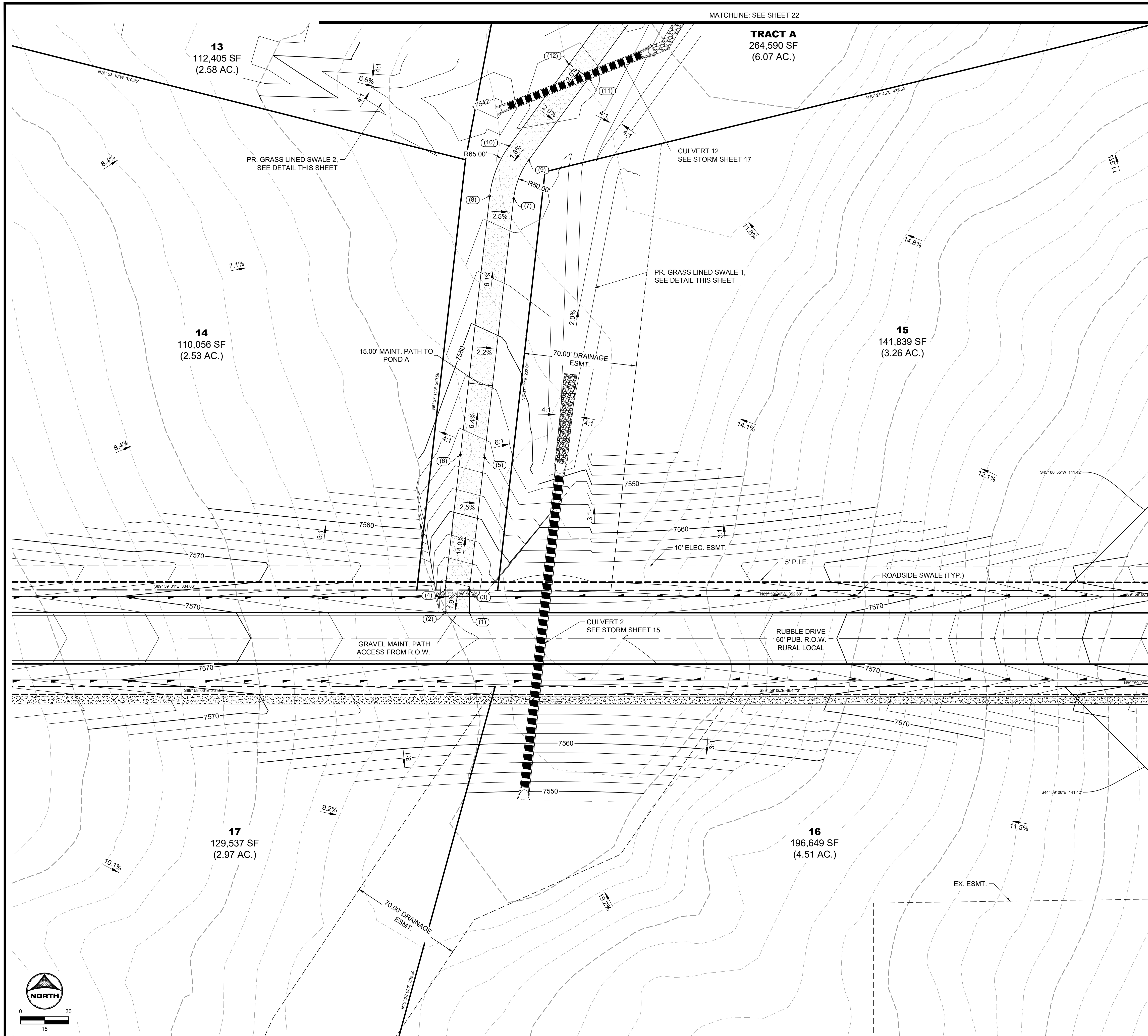
HRGreen
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1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
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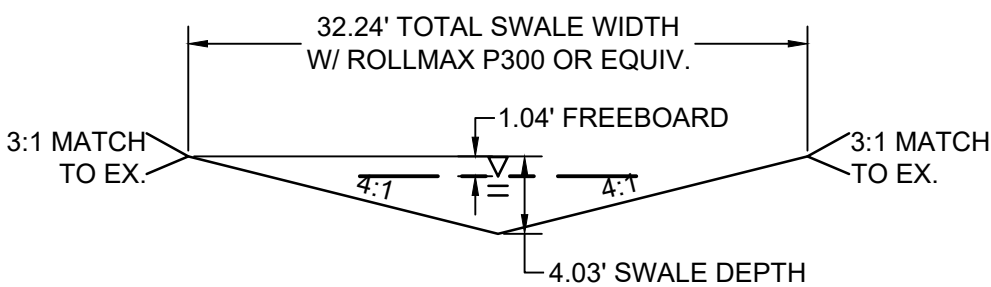
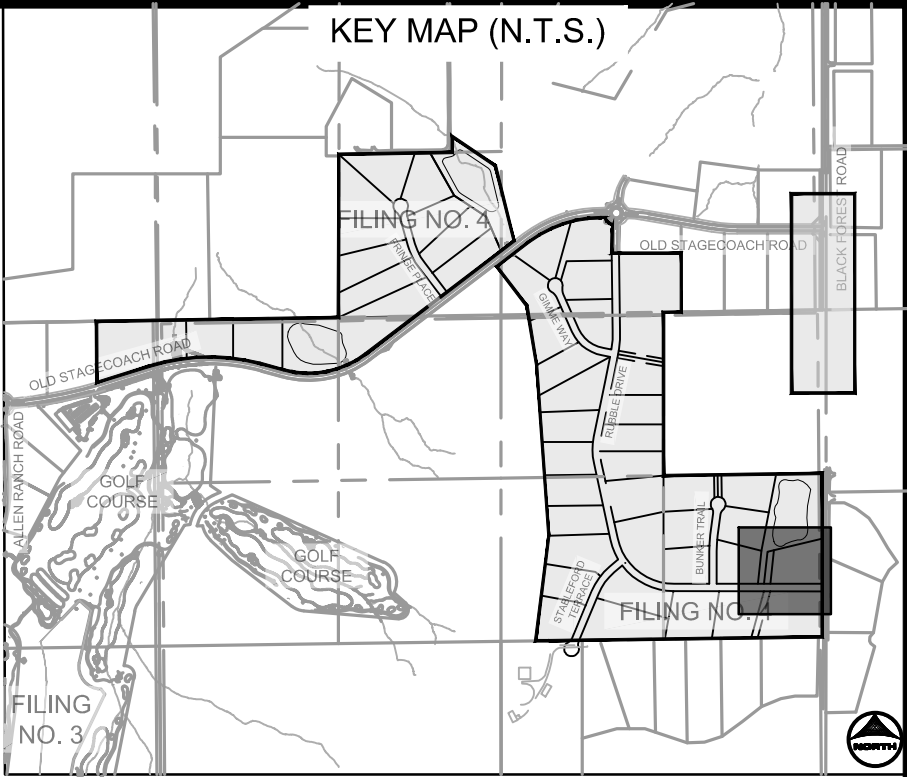
STORM SEWER PLAN & PROFILES
POND OUTLET PIPES

SHEET
STM

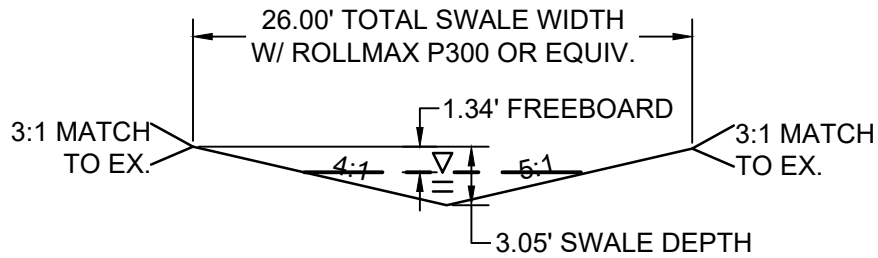
19



POINT TABLE			
No.	DESC.	NORTHING & EASTING	ELEV
(1)	Begin Maint. Road	N: 444868.57 E: 227988.54	7565.66
(2)	Begin Maint. Road	N: 444868.57 E: 227873.44	7565.99
(3)	Maint. Road	N: 444882.57 E: 227868.54	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: 444966.79 E: 227882.97	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: 445159.07 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



SWALE 1 - SECTION
SCALE: 1"=10'



SWALE 2 - SECTION

POND GRADING NOTES:

1. 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.
2. SUBMIT A RIPRAP PLAN FOR RE-SEEDING AREAS ASSOCIATED WITH PERMANENT CONTROL MEASURE IMPROVEMENTS.
3. 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.
4. 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

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

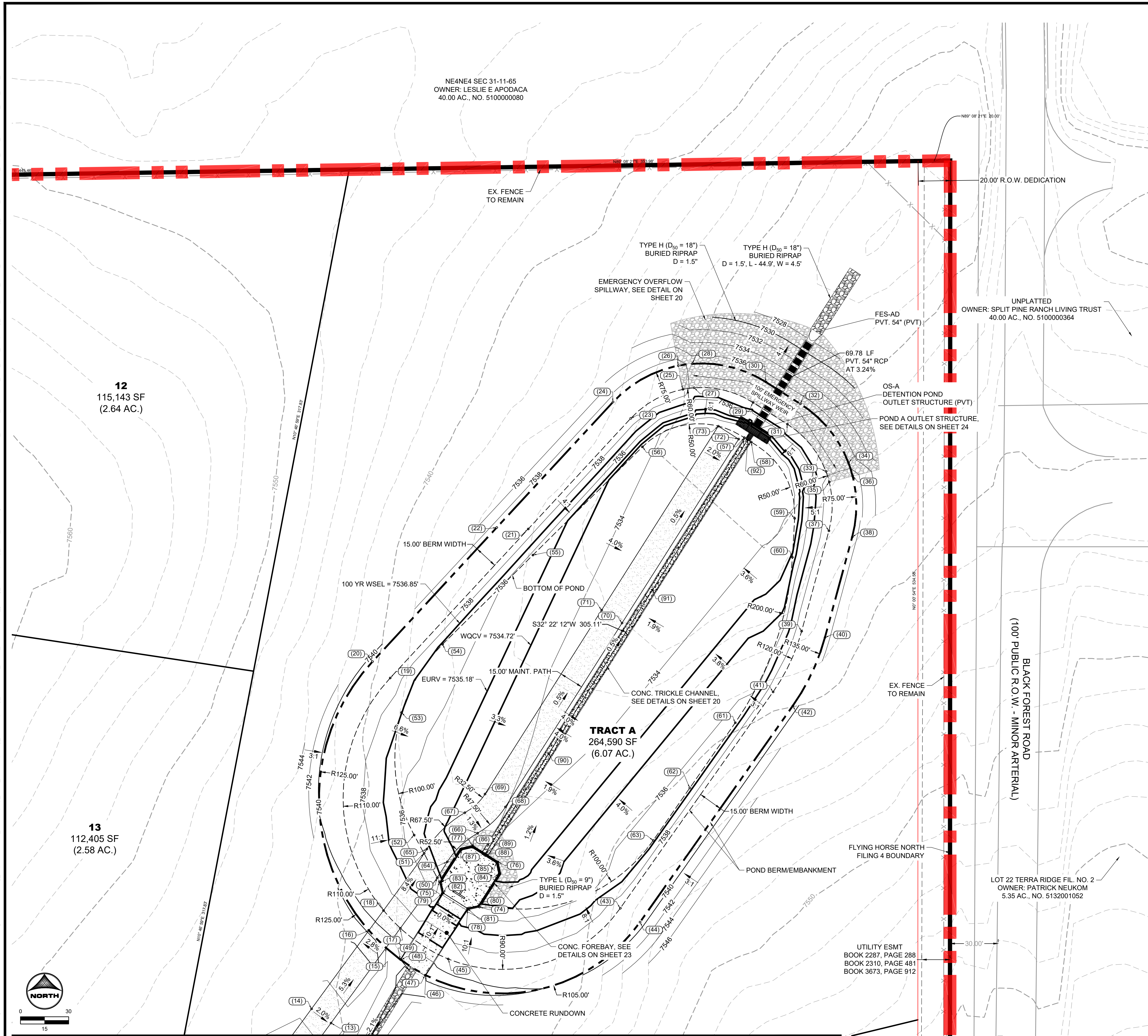
FLYING HORSE NORTH FILING 4
PRI #2, LLC.
EL PASO COUNTY, CO

DRAINAGE DETAILS

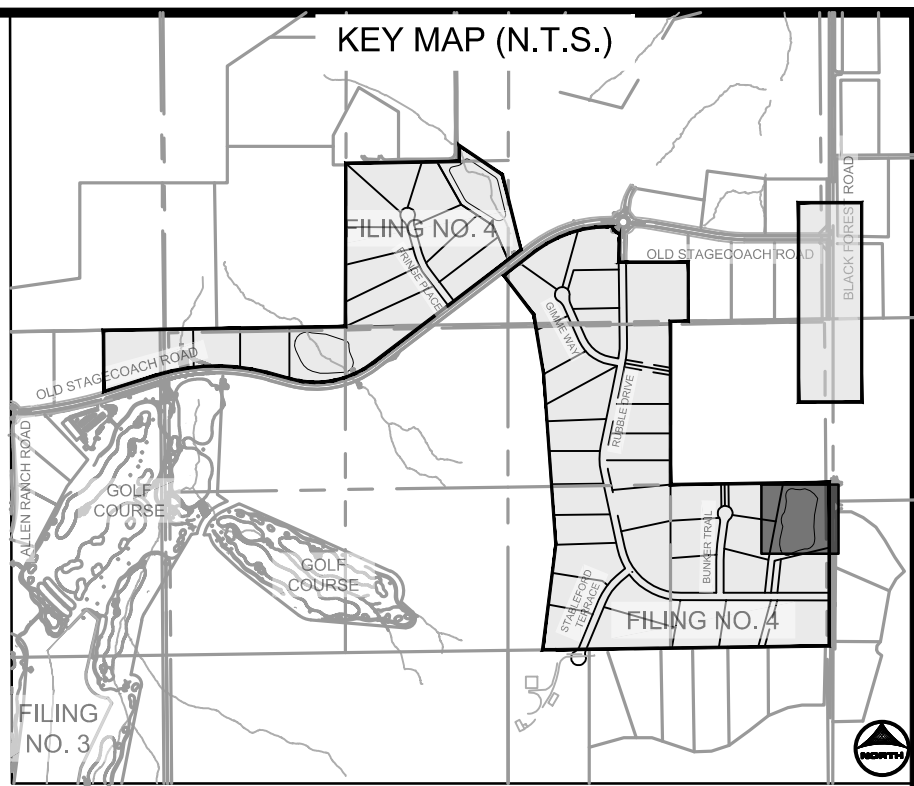
POND A GRADING PLAN

SHEET
PND

21



POINT TABLE			
No.	DESC.	NORTHING & EASTING	ELEV
(13)	Maint. Road	N 45243.59 E 22793.75	7543.03
(14)	Maint. Road	N 45252.45 E 22796.15	7543.33
(15)	Maint. Road/T.O.P.	N 45260.43 E 22802.02	7540.70
(16)	Maint. Road/T.O.P.	N 45301.21 E 22801.32	7540.45
(17)	Maint. Road/T.O.P.	N 45302.59 E 22803.92	7539.07
(18)	Maint. Road/T.O.P.	N 45313.66 E 22802.42	7539.10
(19)	T.O.P.	N 45458.38 E 22803.58	7539.00
(20)	T.O.P.	N 45468.57 E 22801.57	7539.00
(21)	T.O.P.	N 45551.13 E 228116.46	7539.00
(22)	T.O.P.	N 45552.03 E 228096.85	7539.00
(23)	T.O.P.	N 45619.98 E 228102.22	7539.00
(24)	T.O.P.	N 45630.18 E 228169.21	7539.00
(25)	Spillway	N 45638.10 E 228212.70	7539.00
(26)	Spillway	N 45652.82 E 228209.82	7539.00
(27)	Spillway Crest	N 45639.04 E 228156.64	7537.25
(28)	Spillway Crest	N 45654.00 E 228218.49	7537.25
(29)	Spillway Crest	N 45629.89 E 228206.37	7537.25
(30)	Spillway Crest	N 45642.56 E 228207.40	7537.25
(31)	Spillway Crest	N 45616.36 E 228207.71	7537.25
(32)	Spillway Crest	N 45629.03 E 228205.74	7537.25
(33)	Spillway Crest	N 45597.05 E 228301.66	7537.25
(34)	Spillway Crest	N 45592.39 E 228315.67	7537.25
(35)	Spillway	N 45590.38 E 228303.76	7539.00
(36)	Spillway	N 45594.05 E 228318.31	7539.00
(37)	T.O.P.	N 45549.99 E 228303.50	7539.00
(38)	T.O.P.	N 45546.06 E 228317.98	7539.00
(39)	T.O.P.	N 45487.50 E 228286.56	7539.00
(40)	T.O.P.	N 45483.58 E 228301.04	7539.00
(41)	T.O.P.	N 45449.70 E 228268.78	7539.00
(42)	T.O.P.	N 45441.05 E 228281.03	7539.00
(43)	T.O.P.	N 45315.08 E 228173.75	7539.00
(44)	T.O.P.	N 45306.43 E 228186.00	7539.00
(45)	T.O.P.	N 45293.48 E 228066.64	7539.00
(46)	Rundown T.O.W.	N 45273.15 E 228052.77	7541.00
(47)	Rundown	N 45273.42 E 228052.35	7539.00
(48)	Rundown	N 45282.96 E 228037.30	7539.00
(49)	Rundown T.O.W.	N 45283.21 E 228036.87	7541.00
(50)	Maint. Road/B.O.P.	N 45334.07 E 228059.84	7535.28
(51)	Maint. Road/B.O.P.	N 45349.19 E 228051.66	7535.37
(52)	B.O.P.	N 45380.62 E 228045.48	7535.45
(53)	B.O.P.	N 45436.87 E 228037.63	7536.91
(54)	B.O.P.	N 45479.32 E 228063.13	7536.71
(55)	B.O.P.	N 45534.90 E 228119.35	7535.62
(56)	B.O.P.	N 45602.26 E 228187.48	7534.29
(57)	B.O.P.	N 45607.98 E 228250.90	7532.58
(58)	B.O.P.	N 45605.29 E 228255.14	7532.58



POINT TABLE			
No.	DESC.	NORTHING & EASTING	ELEV
(59)	B.O.P.	N: 445557.74 E: 228282.20	7534.18
(60)	B.O.P.	N: 445533.48 E: 228280.82	7534.76
(61)	B.O.P.	N: 445430.51 E: 228245.24	7536.30
(62)	B.O.P.	N: 445389.94 E: 228219.25	7536.46
(63)	B.O.P.	N: 445357.92 E: 228194.25	7536.59
(64)	Maint. Road	N: 445343.93 E: 228066.08	7534.94
(65)	Maint. Road	N: 445351.96 E: 228054.95	7535.27
(66)	Maint. Road	N: 445361.80 E: 228094.95	7534.29
(67)	Maint. Road	N: 445374.53 E: 228077.00	7534.48
(68)	Maint. Road	N: 445378.12 E: 228102.24	7534.02
(69)	Maint. Road	N: 445386.15 E: 228086.57	7534.33
(70)	Maint. Road	N: 445402.61 E: 228114.81	7533.35
(71)	Maint. Road	N: 445500.64 E: 228162.14	7533.65
(72)	End Maint. Road	N: 445607.10 E: 228247.38	7532.64
(73)	End Maint. Road	N: 445615.13 E: 228234.71	7533.21
(74)	B.O.P./F.B. Outer	N: 445315.77 E: 228086.10	7535.27
(75)	B.O.P./F.B. Outer	N: 445331.55 E: 228061.20	7535.27
(76)	Forebay Outer	N: 445343.99 E: 228097.49	7534.31
(77)	Forebay Outer	N: 445363.89 E: 228081.86	7534.31
(78)	T.O.W.	N: 445314.12 E: 228078.74	7535.87
(79)	T.O.W.	N: 445324.19 E: 228062.85	7535.87
(80)	Forebay	N: 445316.51 E: 228085.58	7533.87
(81)	Forebay	N: 445314.96 E: 228078.98	7533.87
(82)	Forebay	N: 445324.50 E: 228063.63	7533.87
(83)	Forebay	N: 445331.40 E: 228062.09	7533.87
(84)	Forebay	N: 445336.57 E: 228086.29	7533.63
(85)	Forebay	N: 445343.47 E: 228086.75	7533.59
(86)	Forebay	N: 445353.01 E: 228081.70	7533.59
(87)	Forebay	N: 445351.46 E: 228074.80	7533.63
(88)	Forebay Inner Notch	N: 445348.24 E: 228089.23	7533.53
(89)	T.C. Flow Line	N: 445348.94 E: 228086.67	7533.53
(90)	T.C. Flow Line	N: 445411.26 E: 228129.18	7533.16
(91)	T.C. Flow Line	N: 445613.14 E: 228193.76	7532.55
(92)	T.C. Flow Line	N: 445606.64 E: 228253.02	7532.00

POND GRADING NOTES:

1. 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.
2. SEE LANDSCAPE PLAN FOR RE-SEEDING AREAS ASSOCIATED WITH PERMANENT CONSTRUCTION IMPROVEMENTS.
3. 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.
4. ALL RIPRAP MUST BE INSTALLED PER DETAIL ON SHEET 2.

ABBREVIATIONS

T.O.W. ~ TOP OF WALL
B.O.P. ~ BOTTOM OF POND
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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

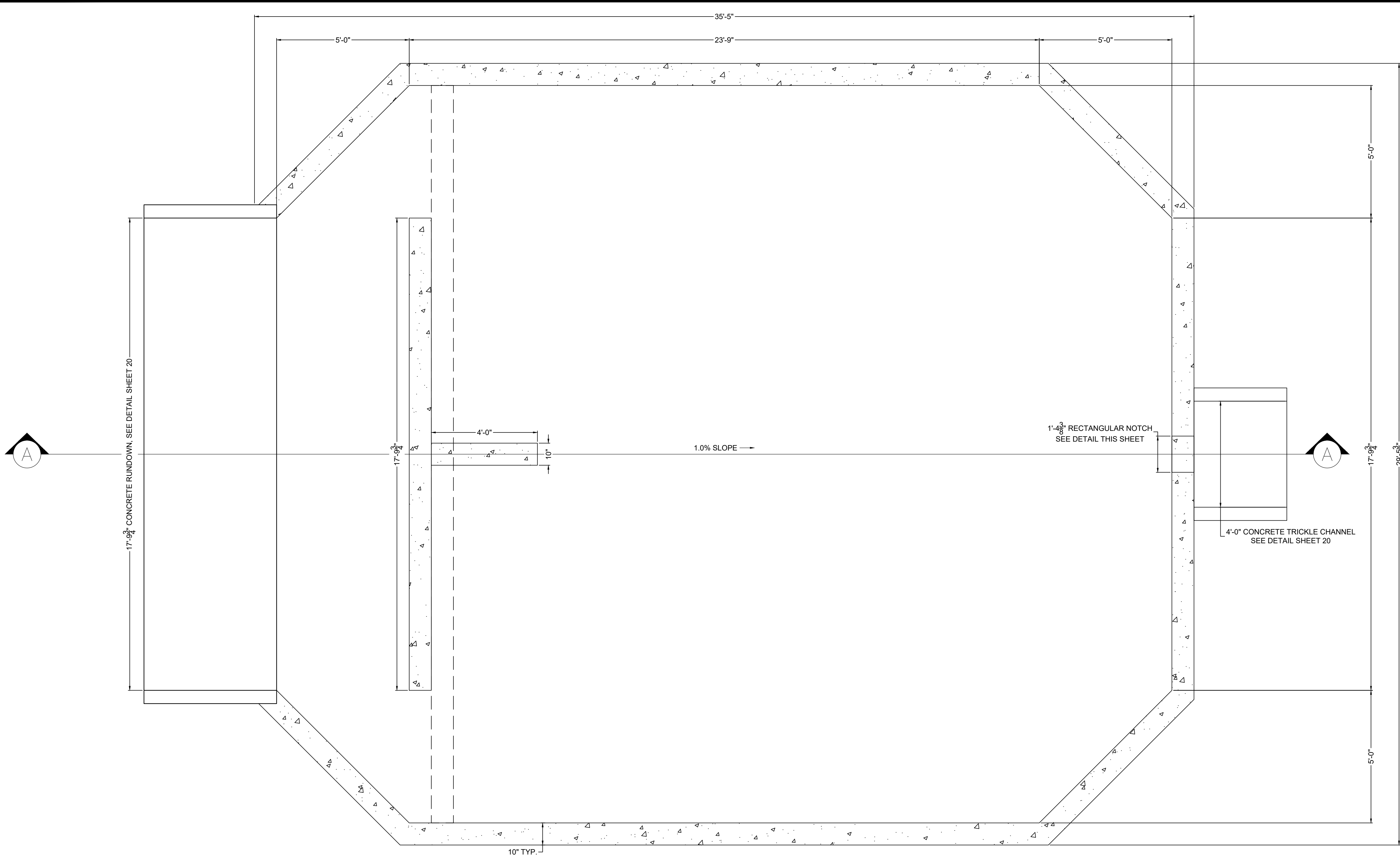
FLYING HORSE NORTH FILING 4
PRI #2, LLC.
EL PASO COUNTY, CO

DRAINAGE DETAILS

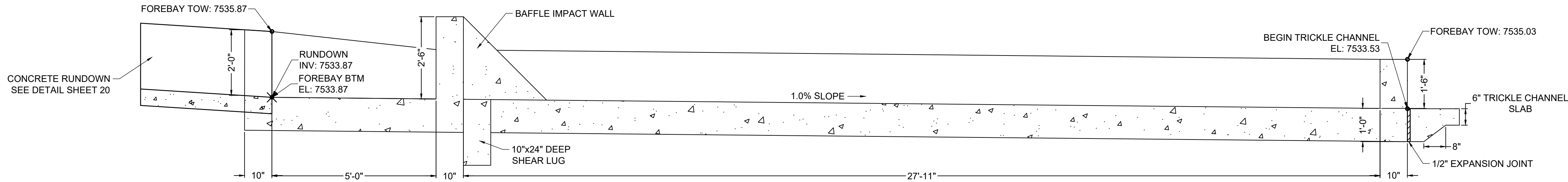
POND A GRADING PLAN

SHEET
PND

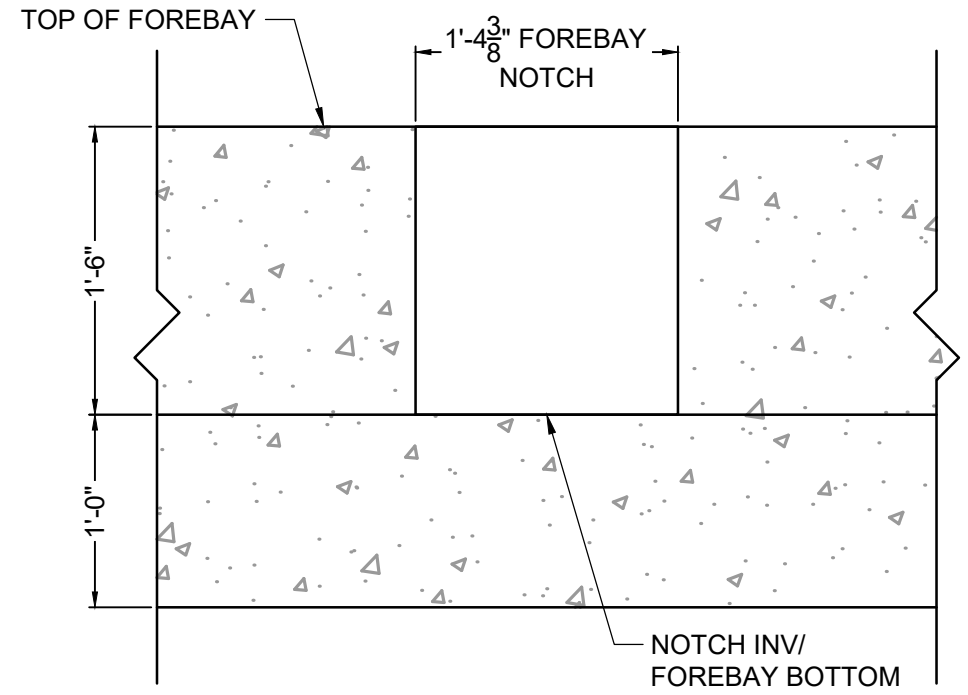
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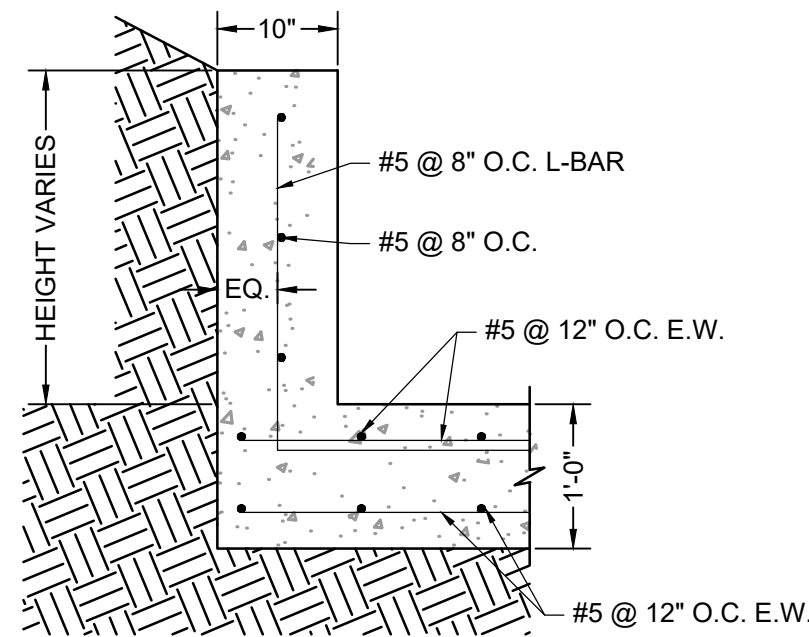
PLAN VIEW
FOREBAY A
SCALE: 1"=2'



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




FOREBAY A NOTCH DETAIL
SCALE: NTS



ELEVATION VIEW
FOREBAY REINFORCING DETAIL
SCALE: NTS

DRAWN BY: CMD	JOB DATE: 10/31/24
APPROVED: RDL	JOB NUMBER: 211030.240
CAD DATE: 8/22/2024	
CAD FILE: J:\2021\211030\CAD\Drawings\Filing_No_4\Forebay_Details	

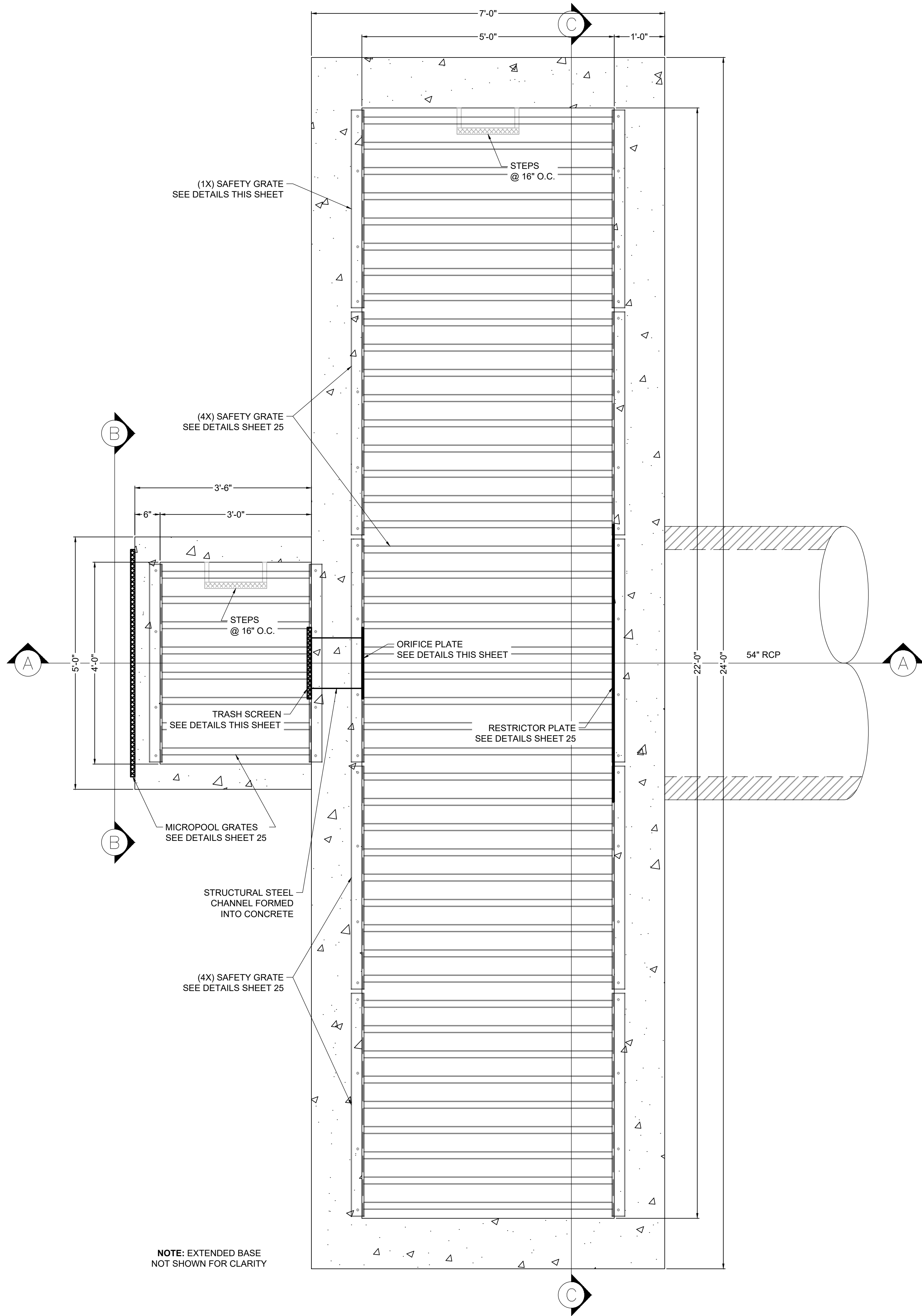
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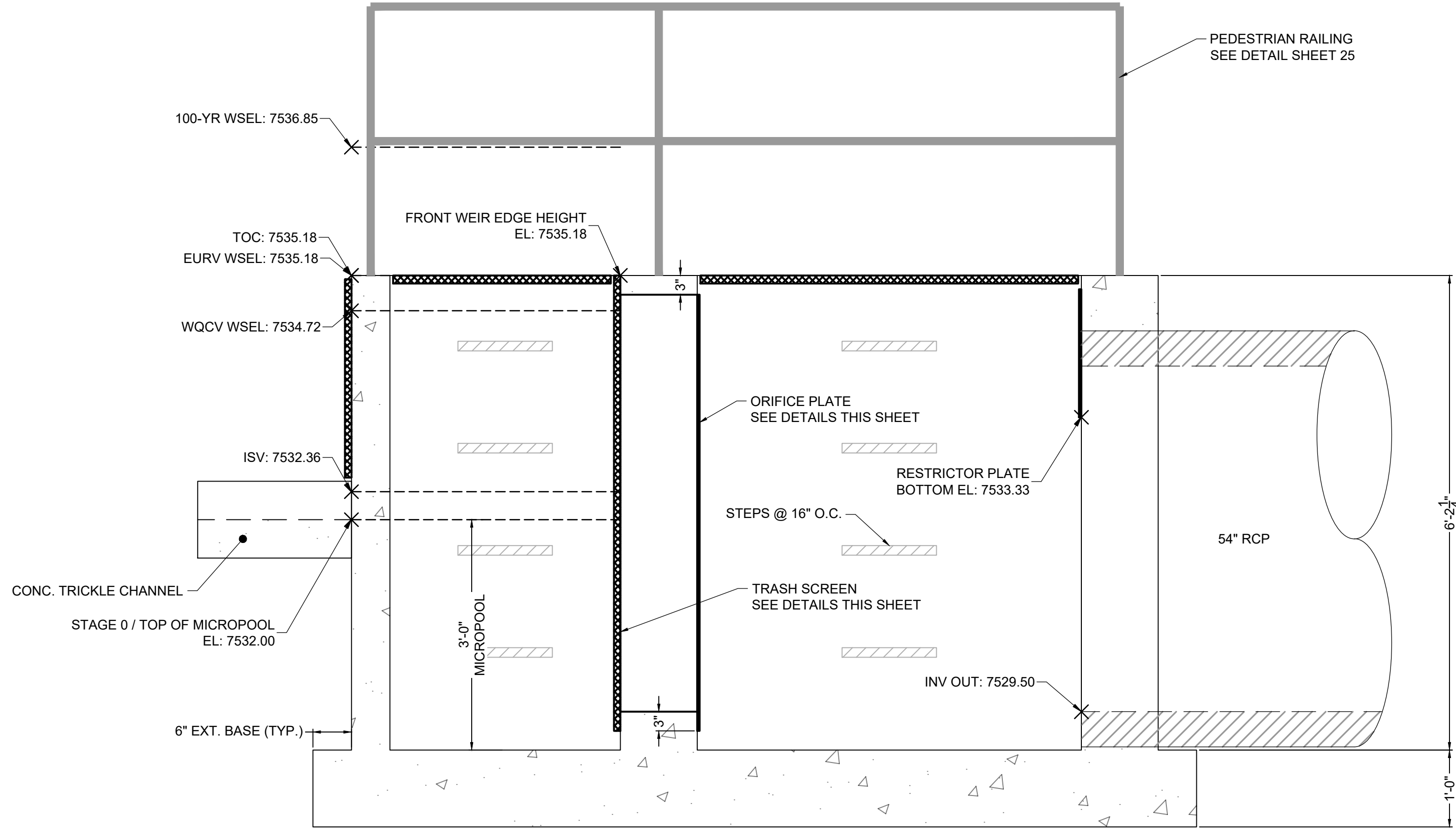
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

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

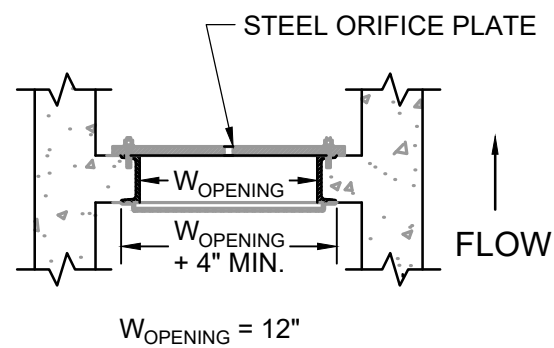
POND DETAILS
POND A FOREBAY



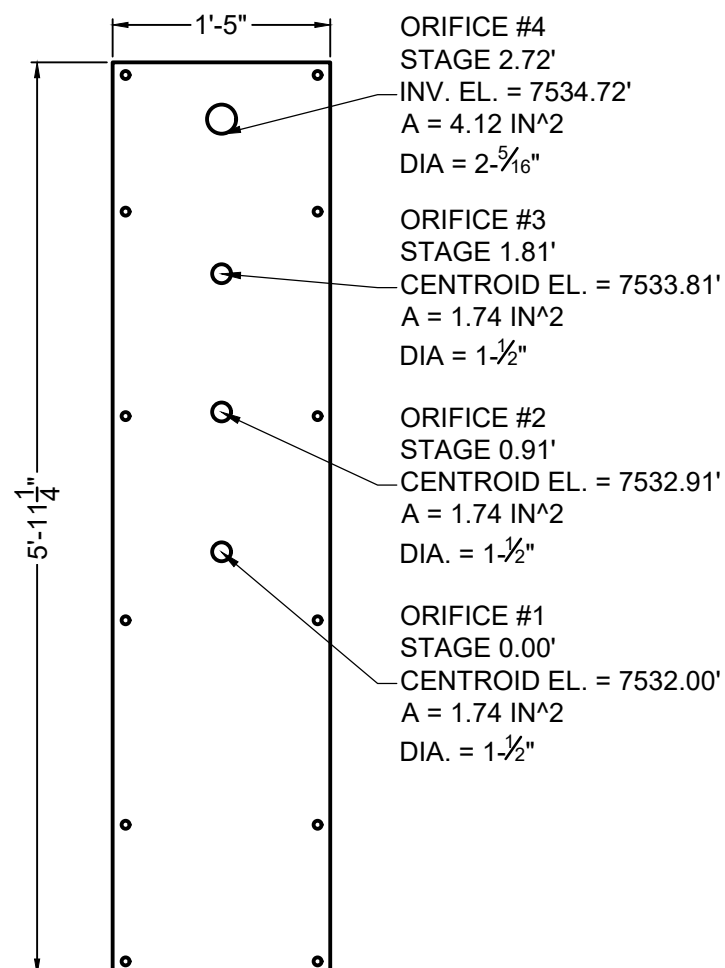
PLAN VIEW
POND A OUTLET STRUCTURE
SCALE: 1" = 1-1/4'



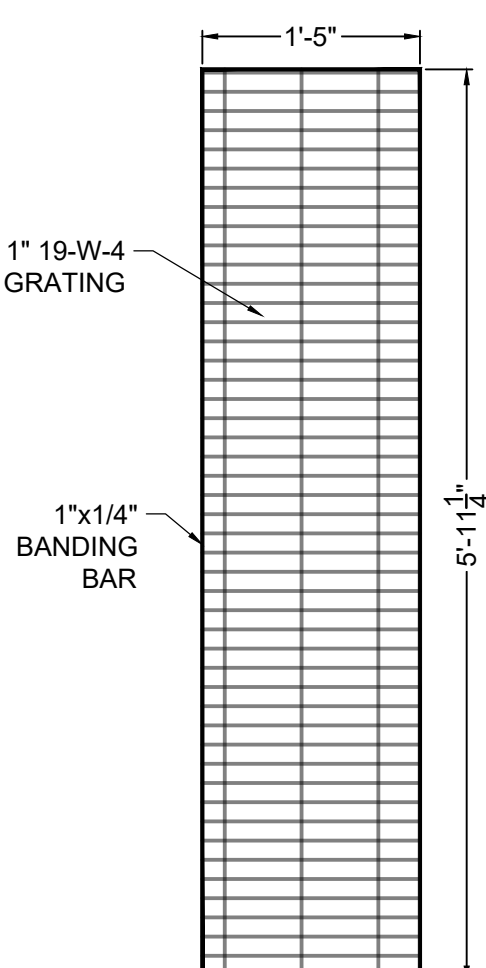
SECTION VIEW A-A
POND A OUTLET STRUCTURE
SCALE: 1" = 1-1/4'



DETAIL
TRASH SCREEN & ORIFICE PLATE
SCALE: NTS



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



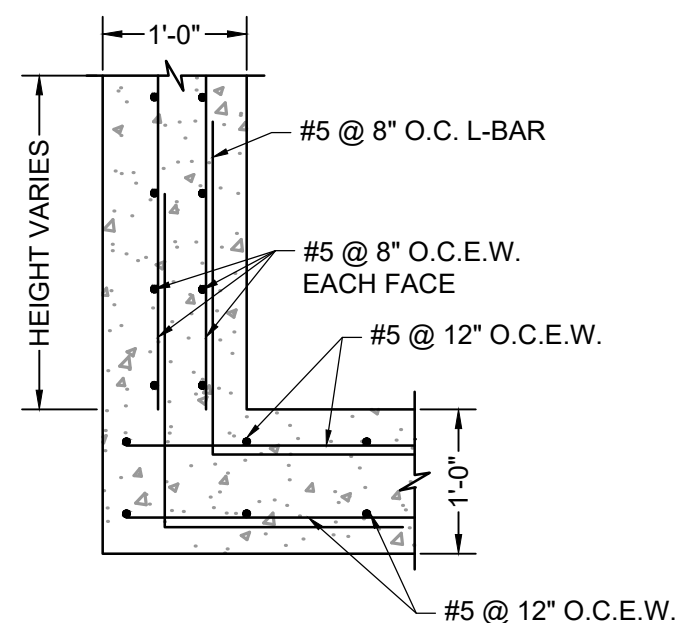
ELEVATION VIEW
TRASH SCREEN DETAIL
SCALE: 1" = 1-1/4'

TRASH SCREEN NOTES:

1. TRASH SCREEN SHALL BE 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: 10/31/24
APPROVED: RDL JOB NUMBER: 211030.240
CAD DATE: 8/22/2024
CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing_No_4\Outlet_Structure_Details

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

NO.	DATE	BY	REVISION DESCRIPTION



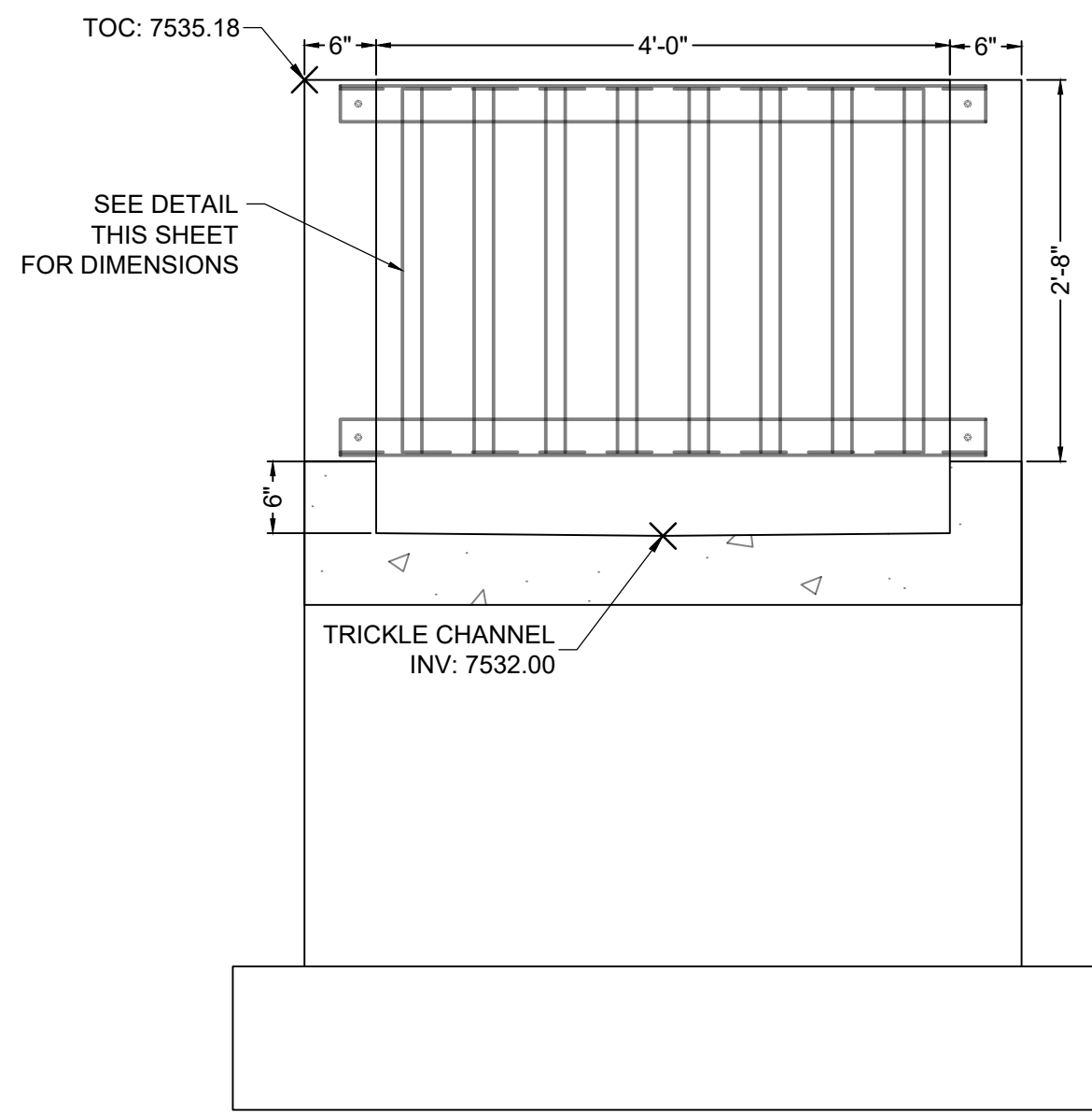
HR GREEN - COLORADO SPRINGS
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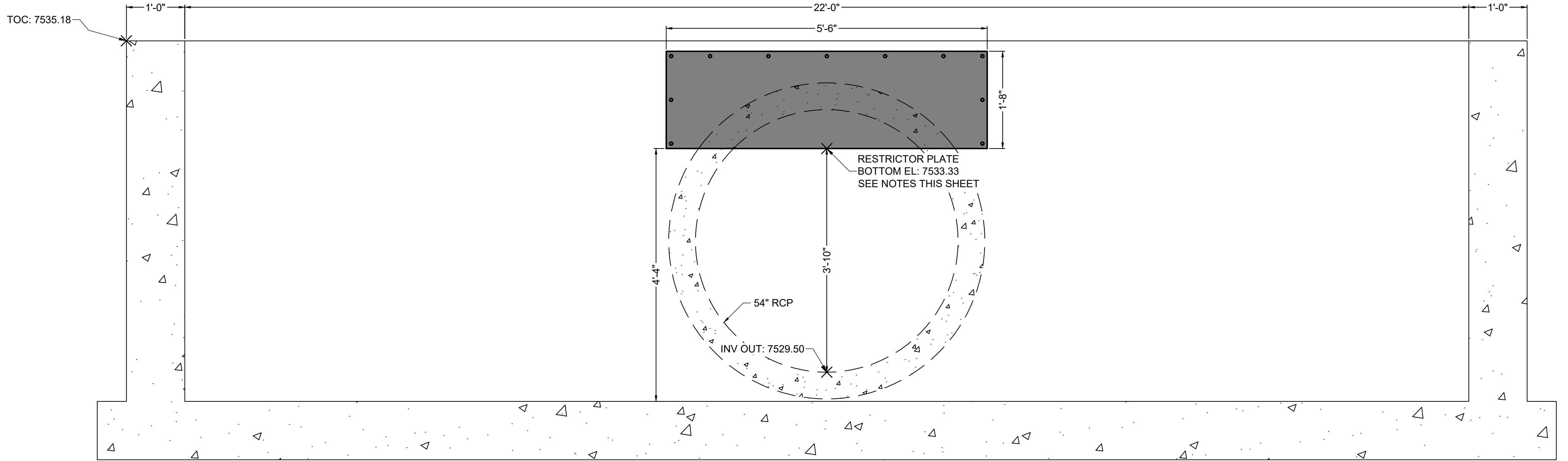
POND DETAILS
POND A OUTLET STRUCTURE

SHEET
PND

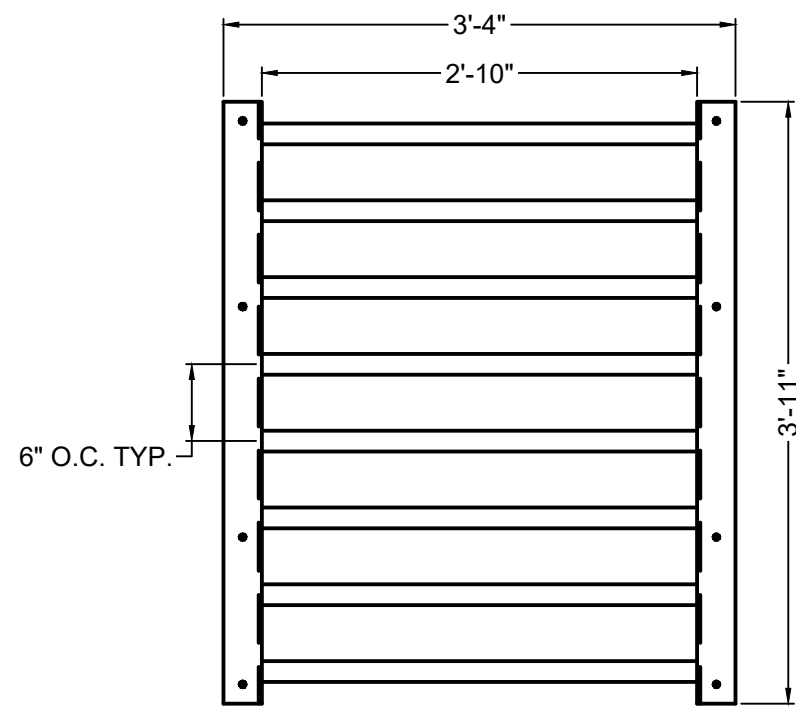
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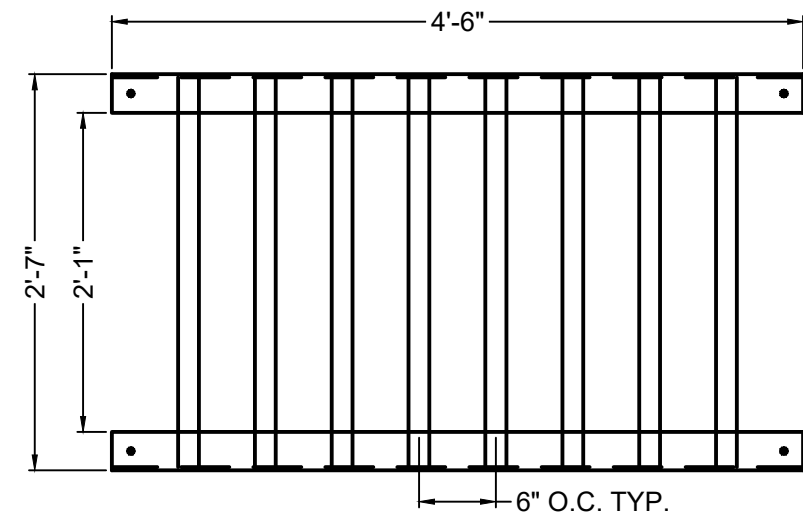
SECTION VIEW B-B
MICROPPOOL FRONT FACE
SCALE: 1" = 1-1/4'



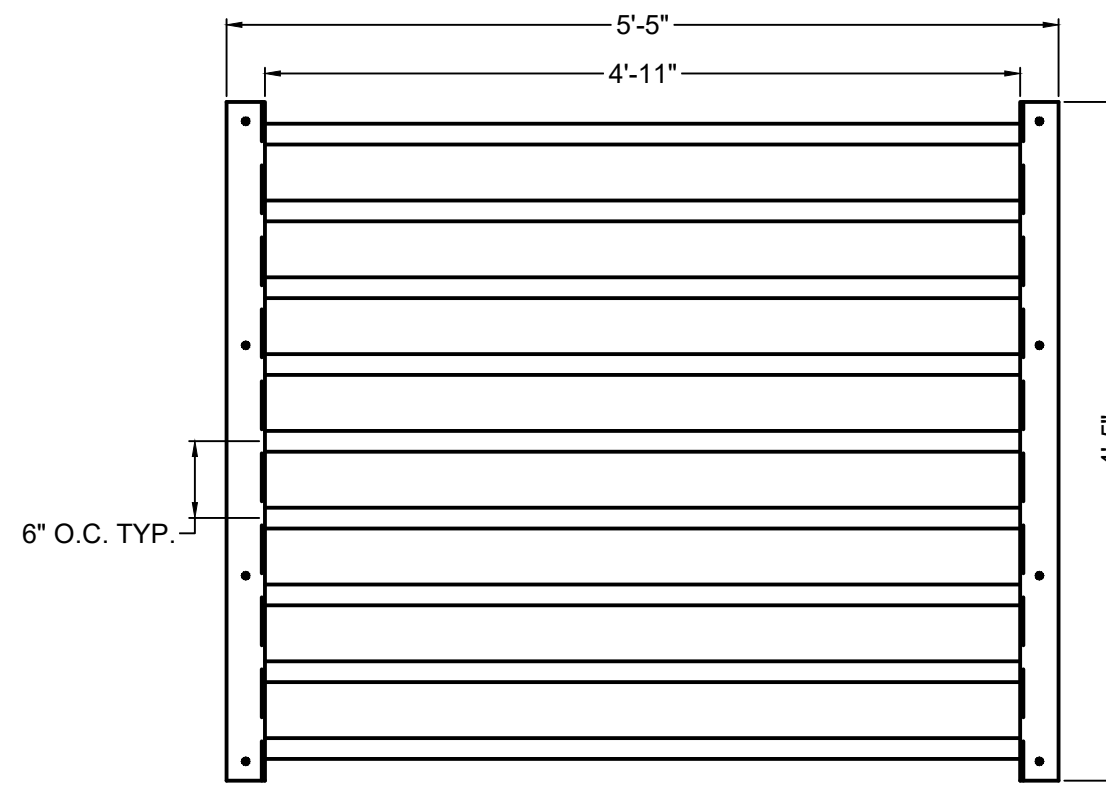
SECTION VIEW C-C
RESTRICTOR PLATE
SCALE: 1" = 1-1/4'



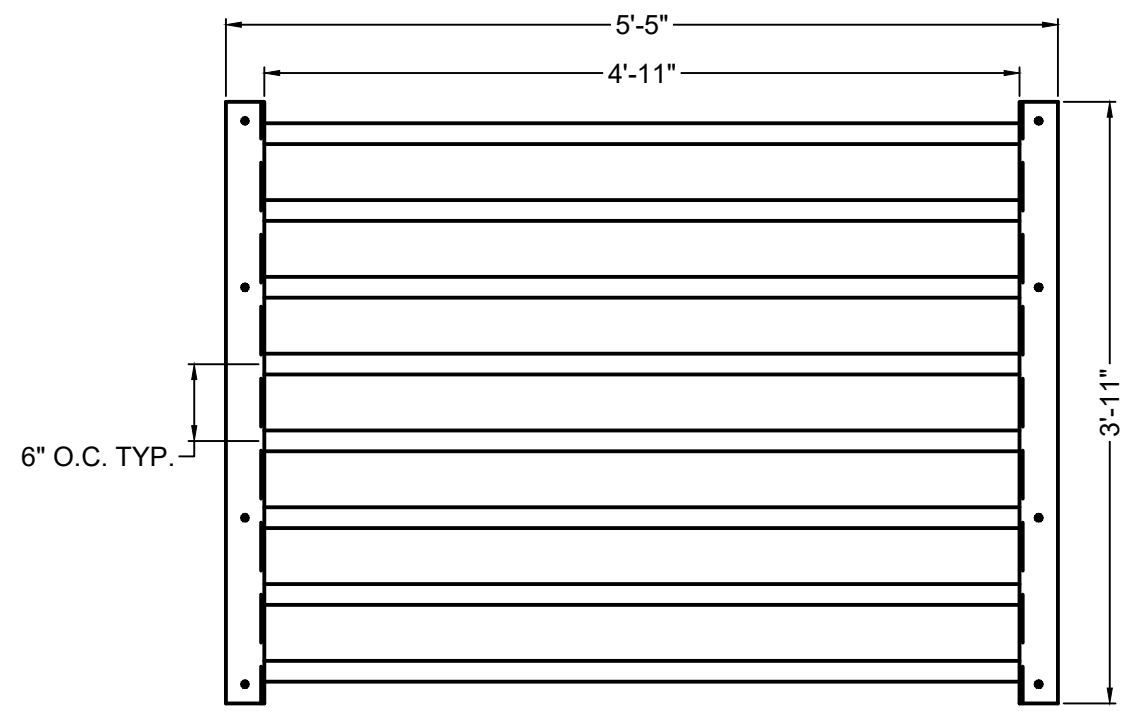
ELEVATION VIEW
MICROPPOOL TOP GRATE
SCALE: 1" = 1-1/4'



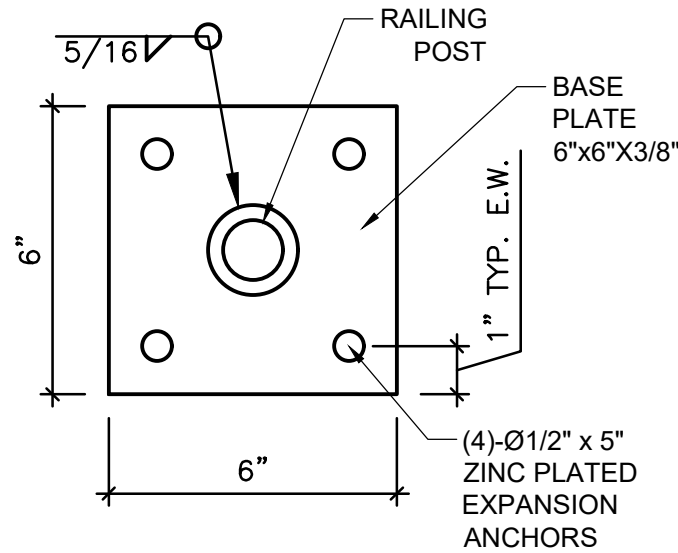
ELEVATION VIEW
MICROPPOOL FRONT GRATE
SCALE: 1" = 1-1/4'



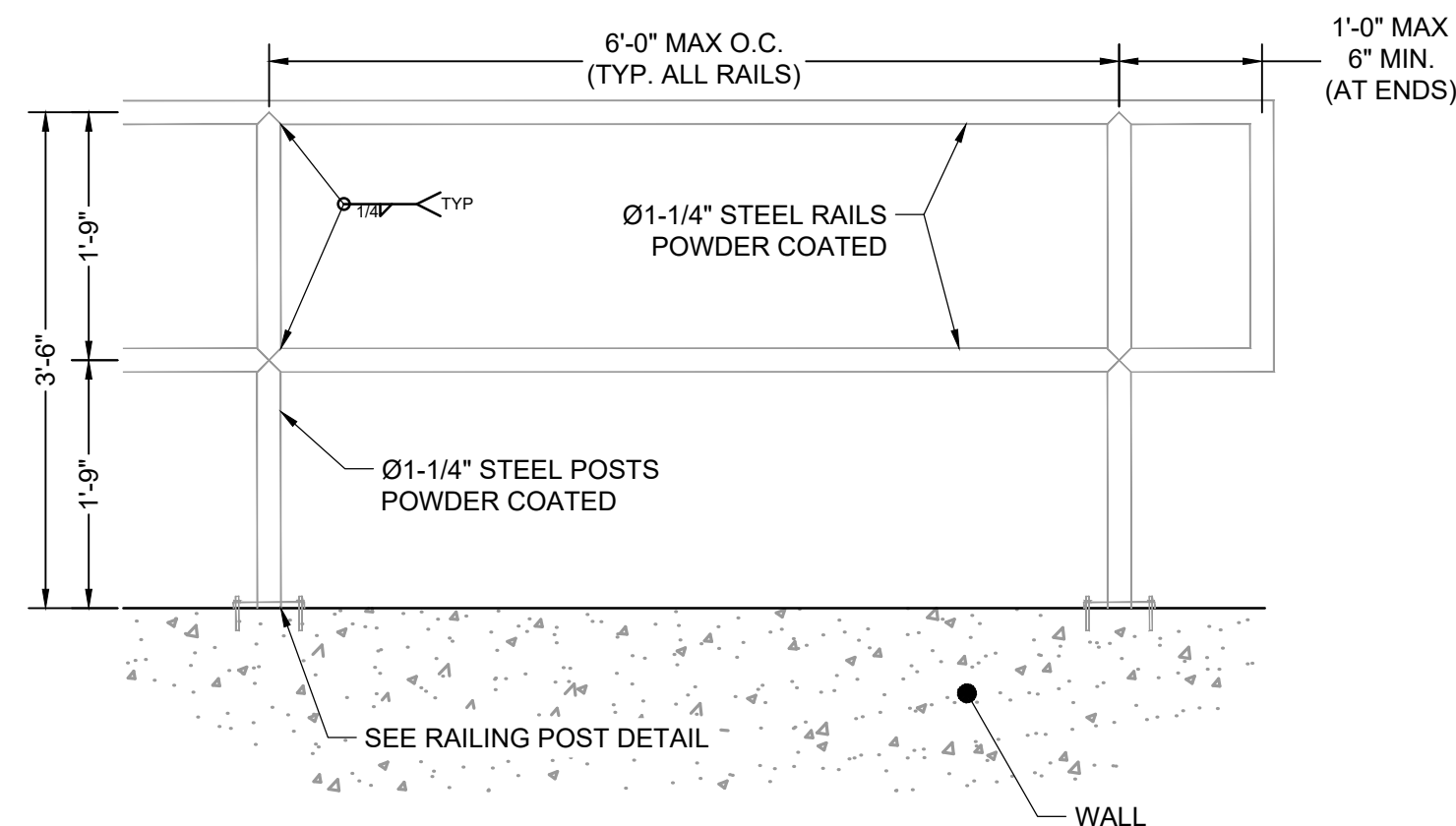
PLAN VIEW
SAFETY GRATE - QTY. 4
SCALE: 1" = 1-1/4'



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:

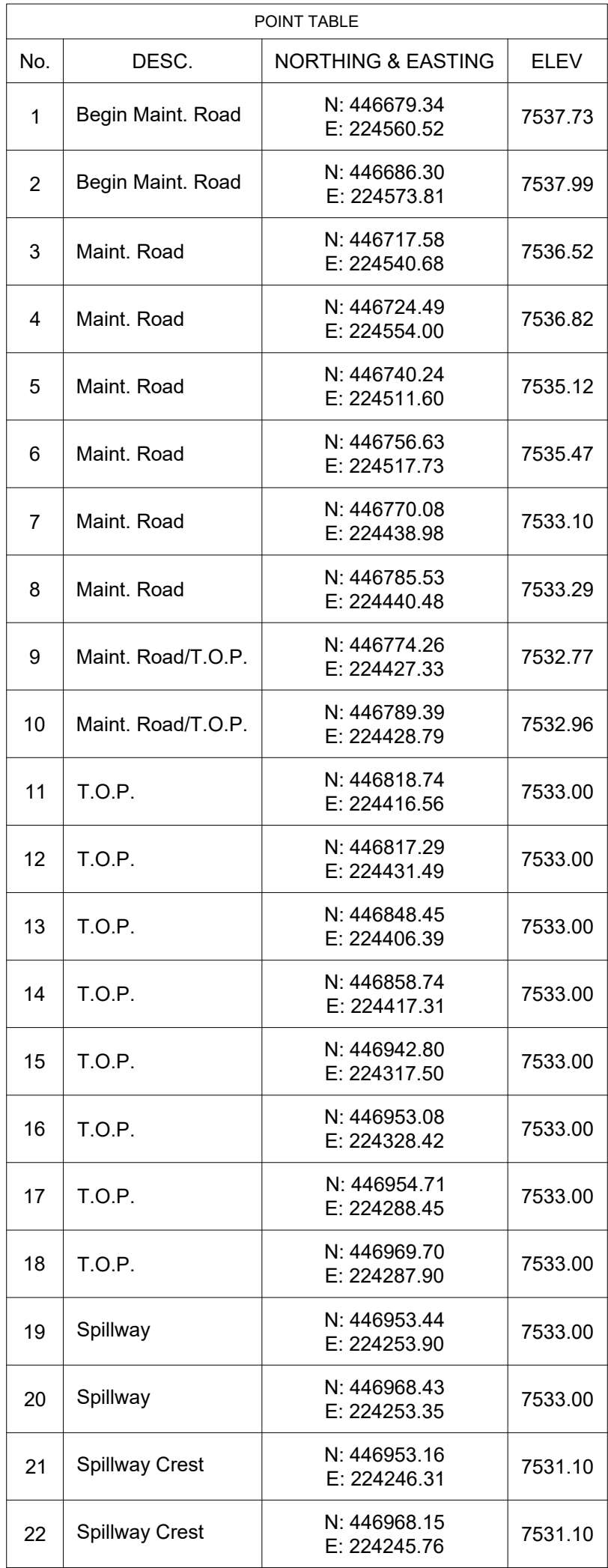
- 3/8" THICK RESTRICTOR PLATE, GALVANIZED STEEL.
- BOLT PLATE TO CONCRETE @ 12" O.C. MAX.
- PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN PLATE AND CONCRETE.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR RESTRICTOR PLATE FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

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.

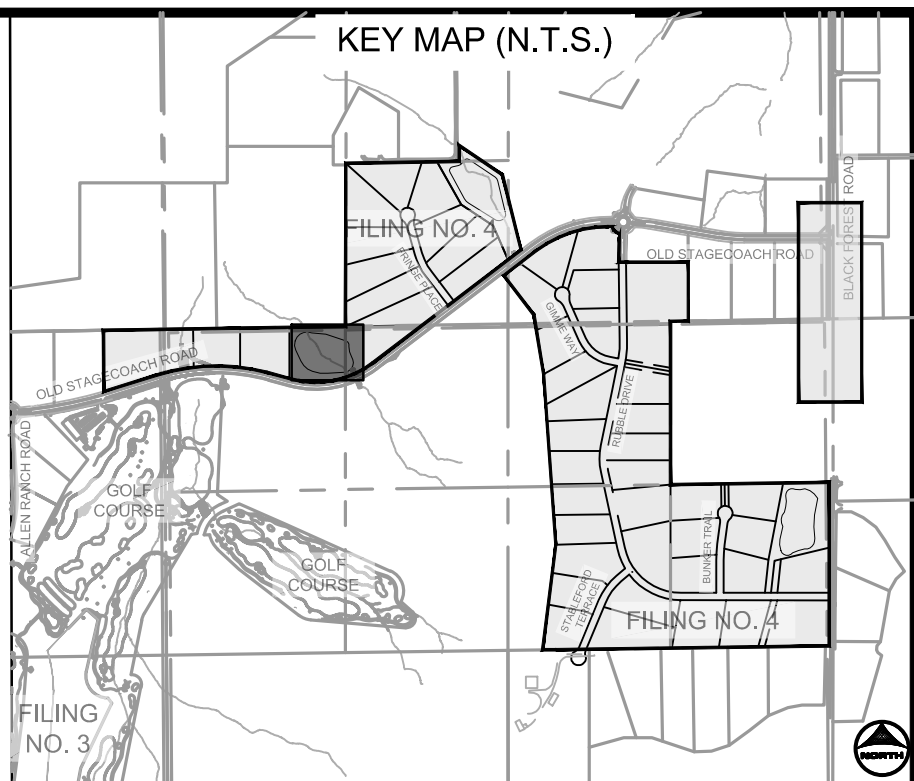
WARNING:
THIS AREA IS A
STORMWATER
FACILITY AND
IS SUBJECT TO
PERIODIC
FLOODING

Minimum Sign Area: 3 sqft

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



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: 446896.59 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: 446742.02 E: 224374.28	7527.35
64	Forebay Outer	N: 446741.35 E: 224368.87	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: 446760.84 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: 446869.85 E: 224292.75	7526.84
83	End Maint. Road	N: 446928.81 E: 224237.13	7526.92

- POND GRADING NOTES:**

1. 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."
2. SEE LANDSCAPE PLAN FOR RE-SEEDING AREAS ASSOCIATED WITH PERMANENT CONTROL MEASURE IMPROVEMENTS.
3. 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.
4. 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

NO.	DATE	BY	REVISION DESCRIPTION



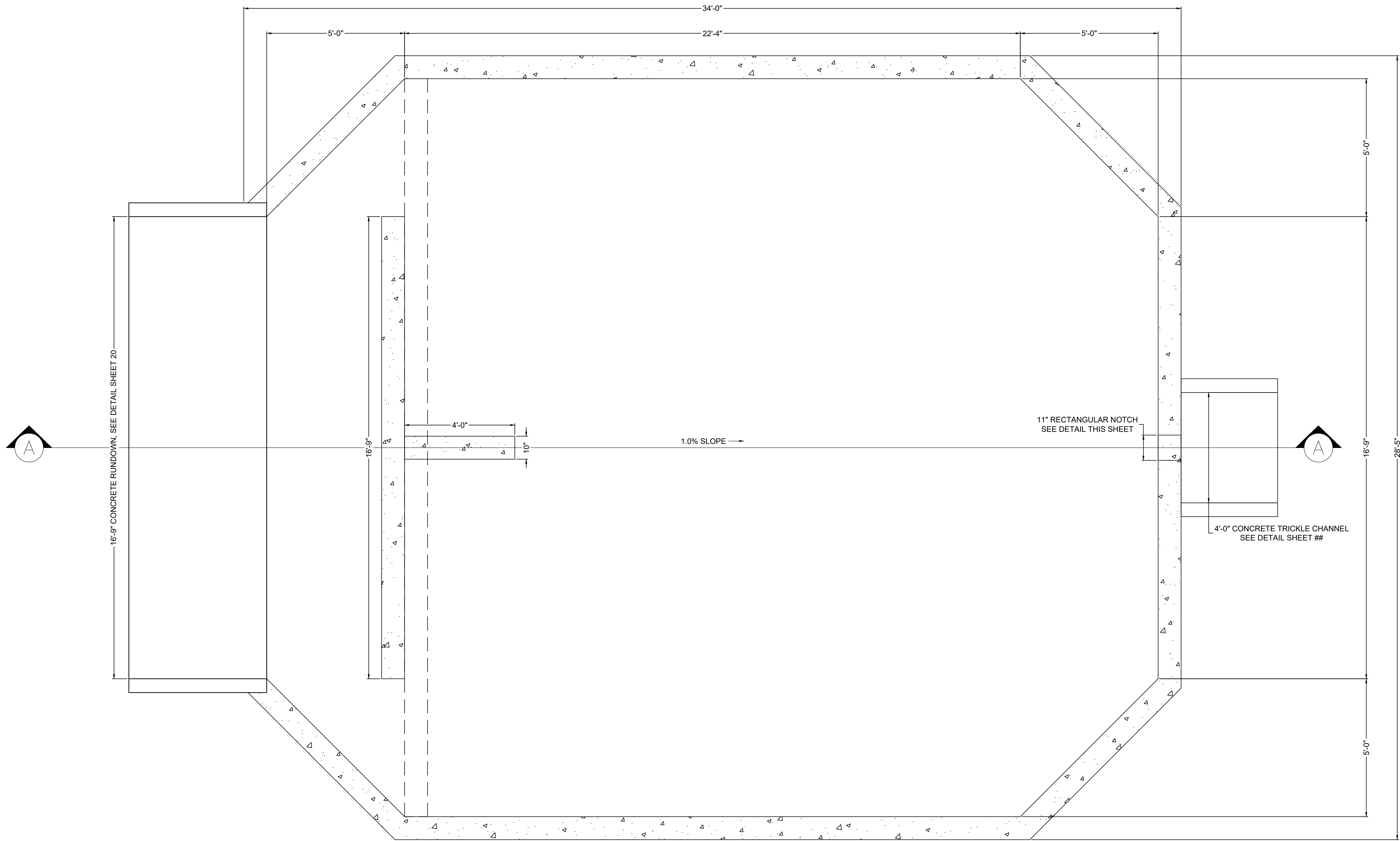
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

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EL PASO COUNTY, CO

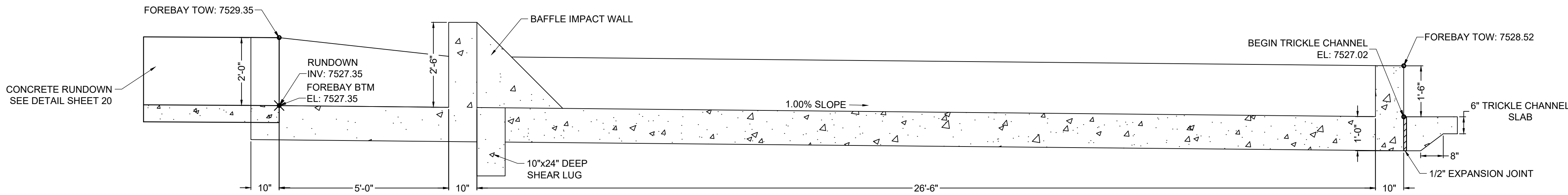
POND B GRADING PLAN

SHEET
PND

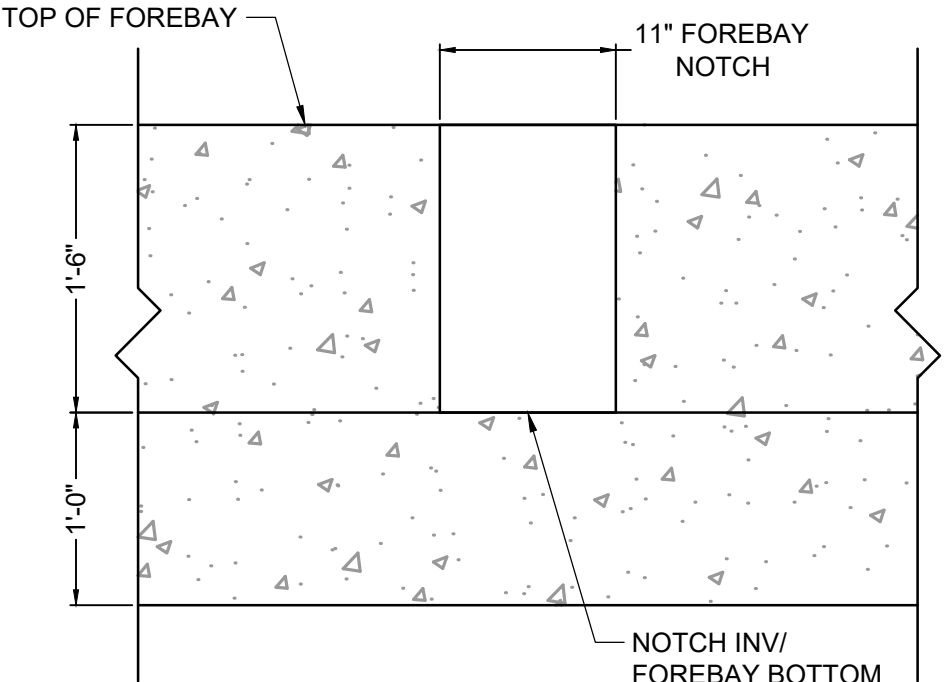
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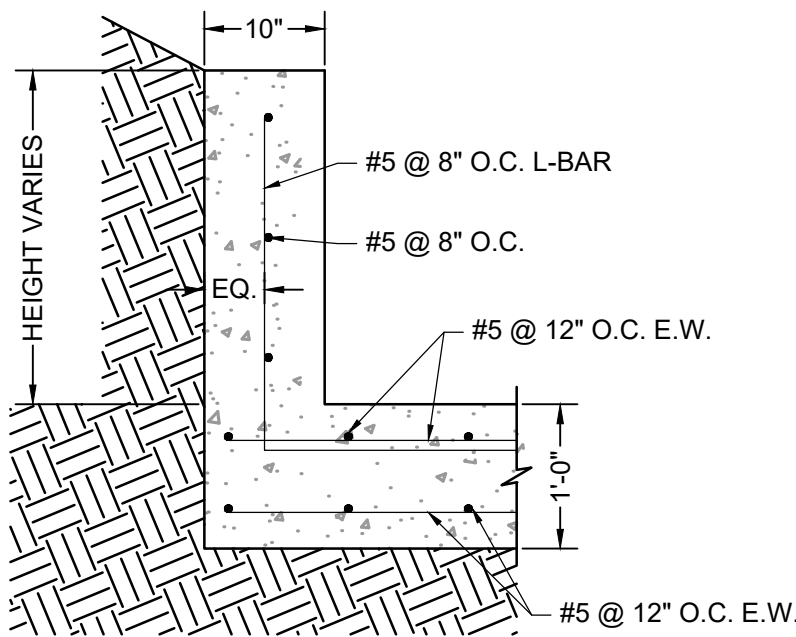
PLAN VIEW
FOREBAY B
SCALE: 1"=2'



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



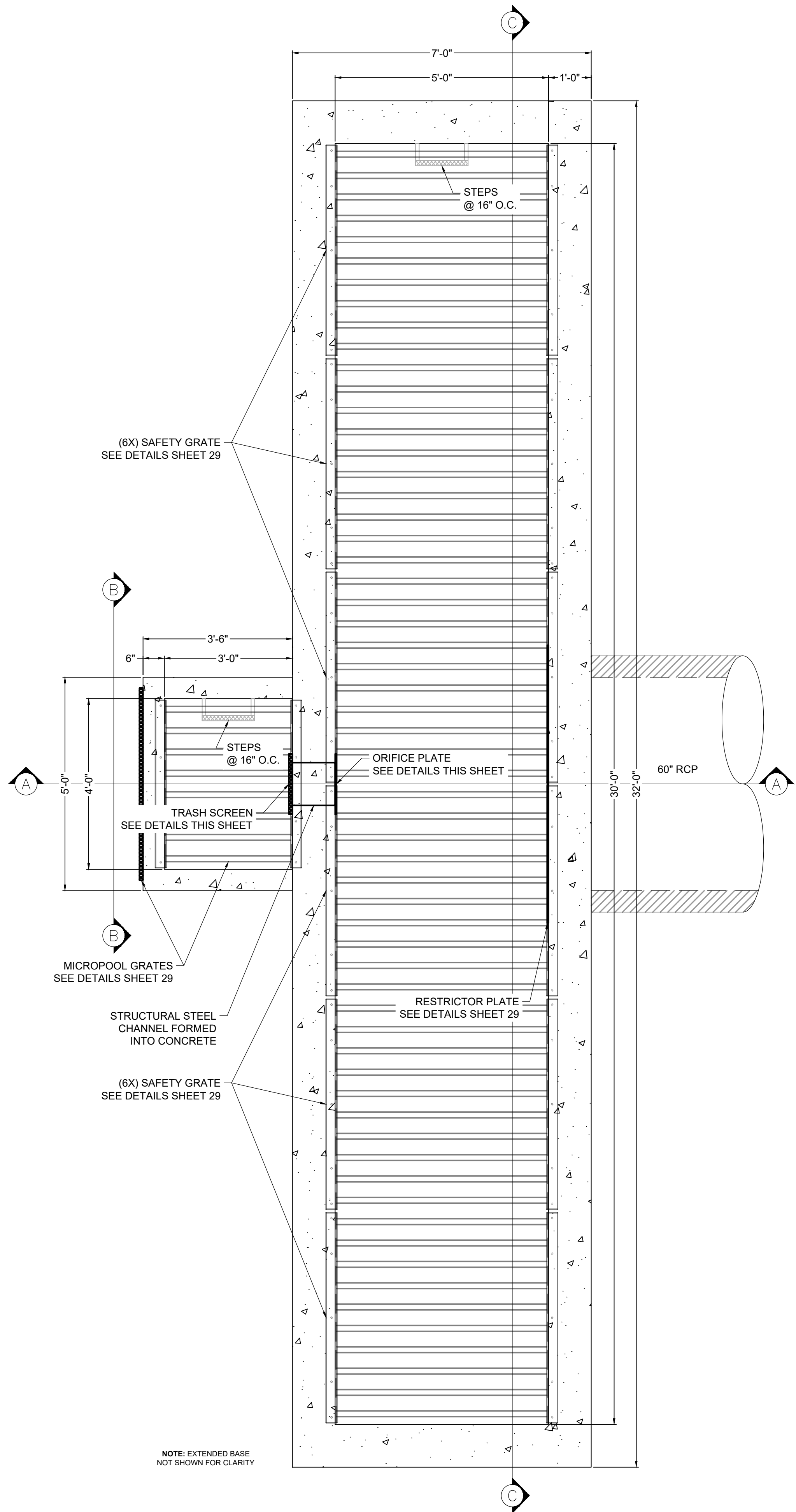
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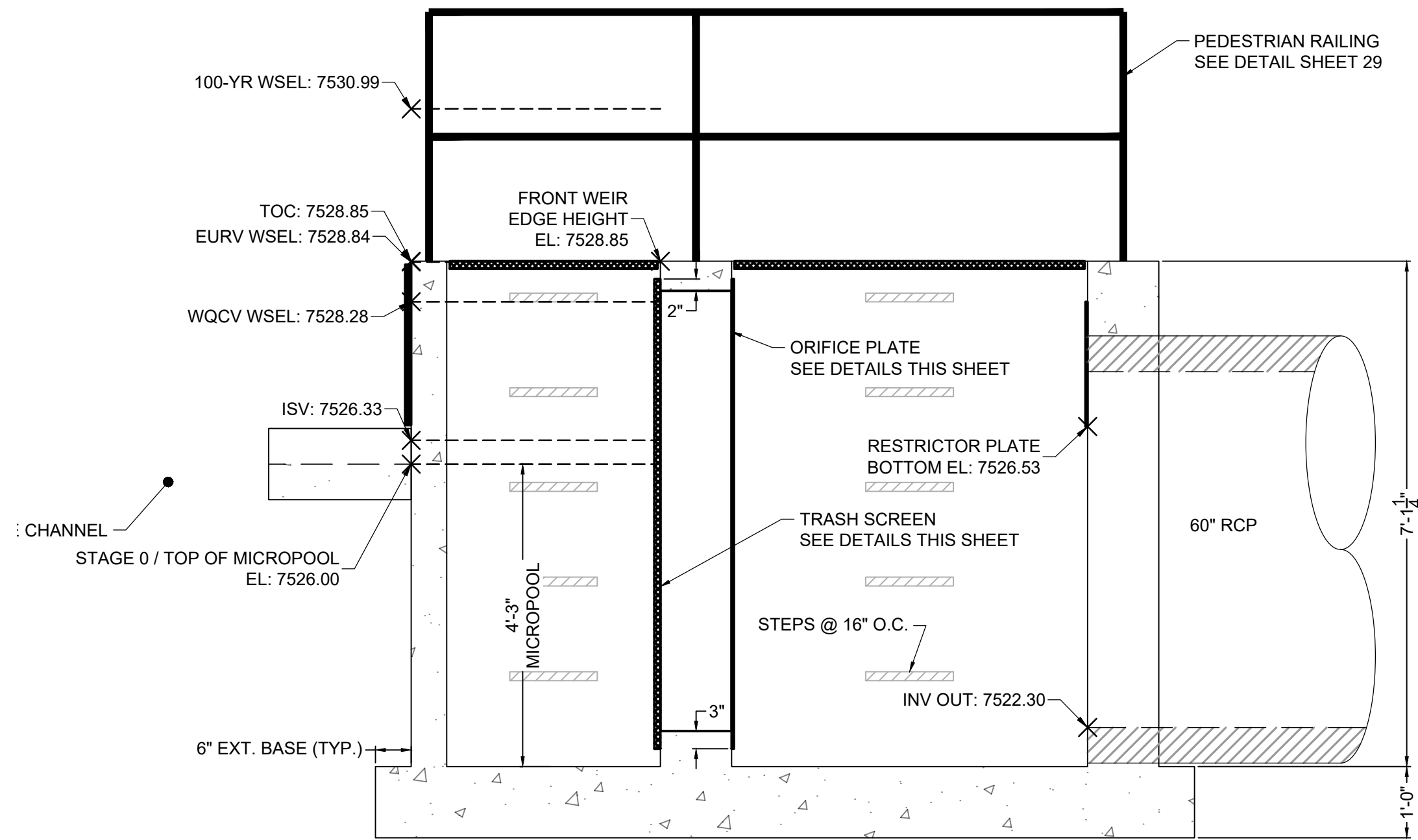
ELEVATION VIEW
FOREBAY REINFORCING DETAIL
SCALE: NTS

NO.	DATE	BY	REVISION DESCRIPTION

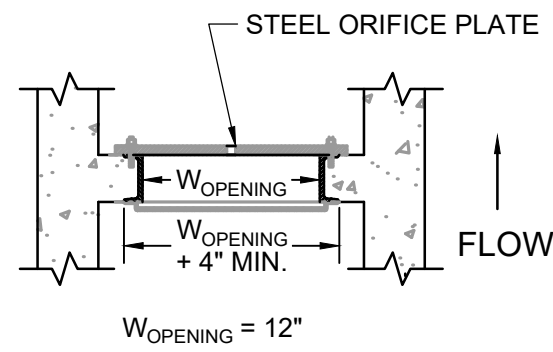




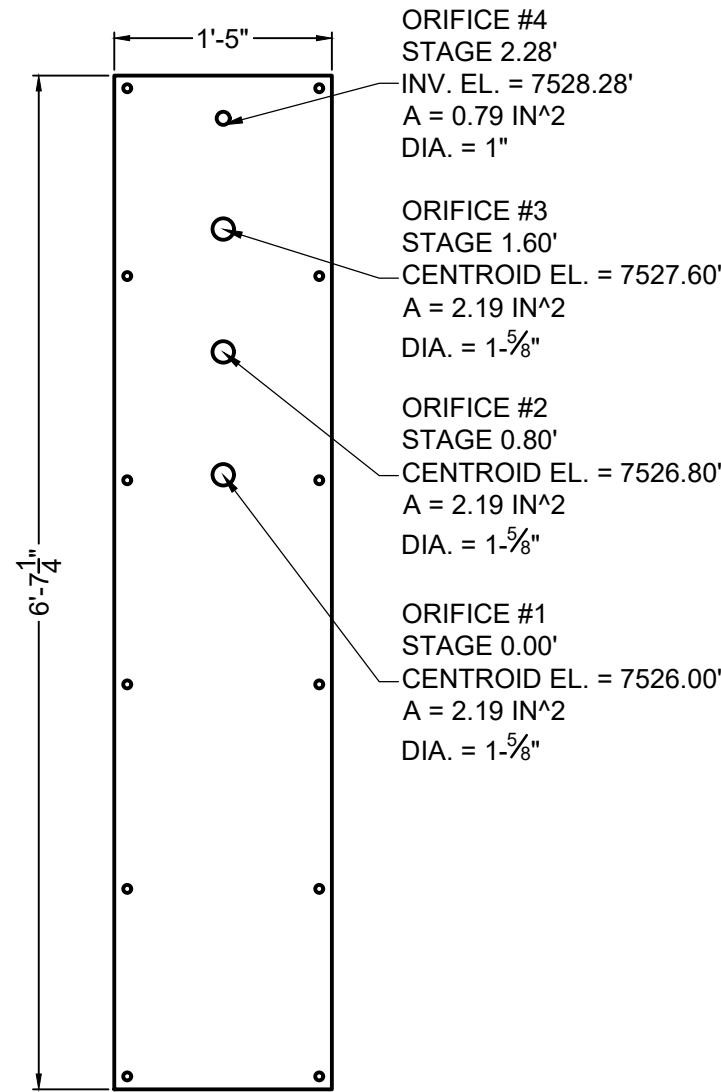
PLAN VIEW
POND B OUTLET STRUCTURE
SCALE: 1" = 1-3/4'



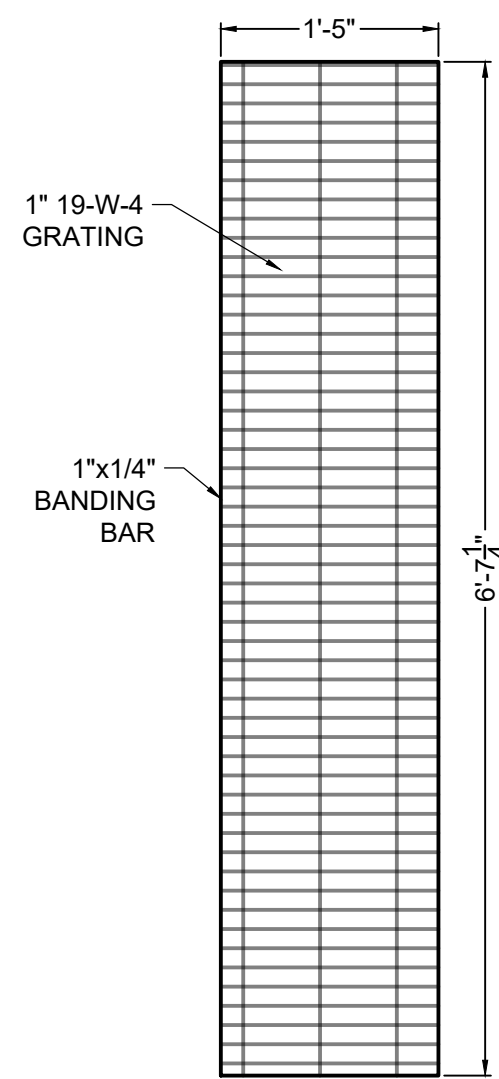
SECTION VIEW A-A
POND B OUTLET STRUCTURE
SCALE: 1" = 1-3/4'



DETAIL
TRASH SCREEN & ORIFICE PLATE
SCALE: NTS



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



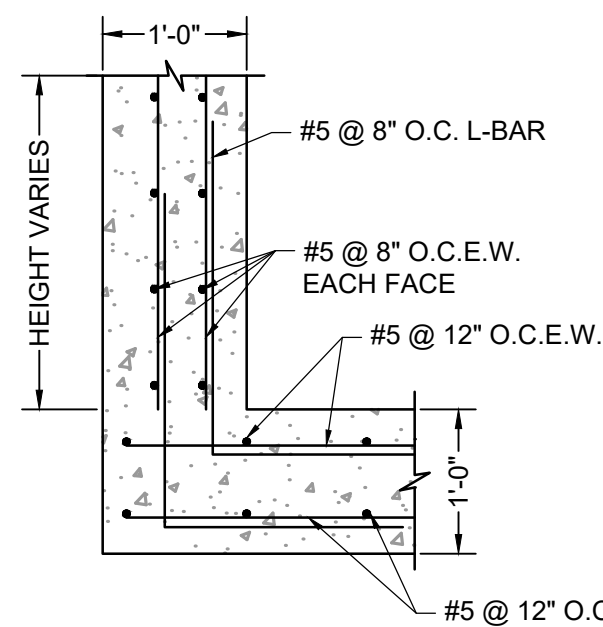
ELEVATION VIEW
TRASH SCREEN DETAIL
SCALE: 1" = 1-1/4'

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

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APPROVED: RDL JOB NUMBER: 211030.240
CAD DATE: 8/22/2024
CAD FILE: J:\2021\211030\CAD\Drawings\C\Filing_No_4\Outlet_Structure_Details

BAR IS ONE INCH ON OFFICIAL DRAWINGS.
0 1"
IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

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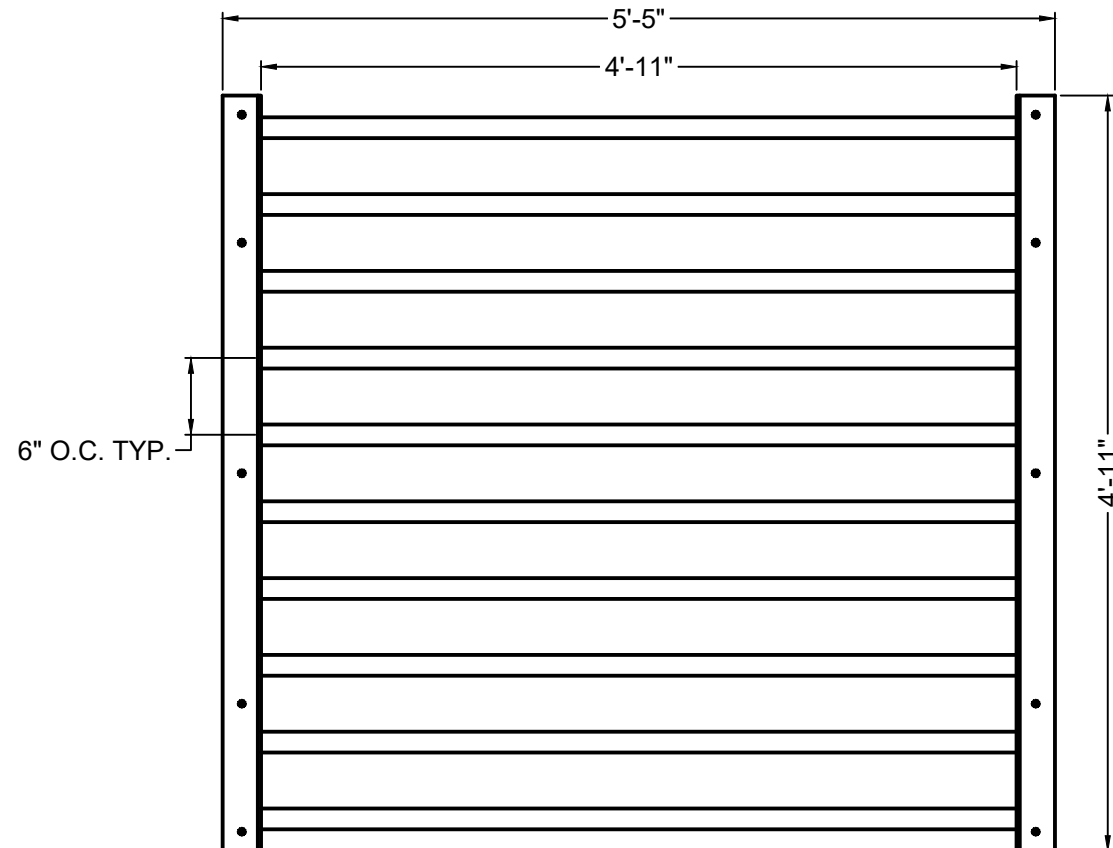
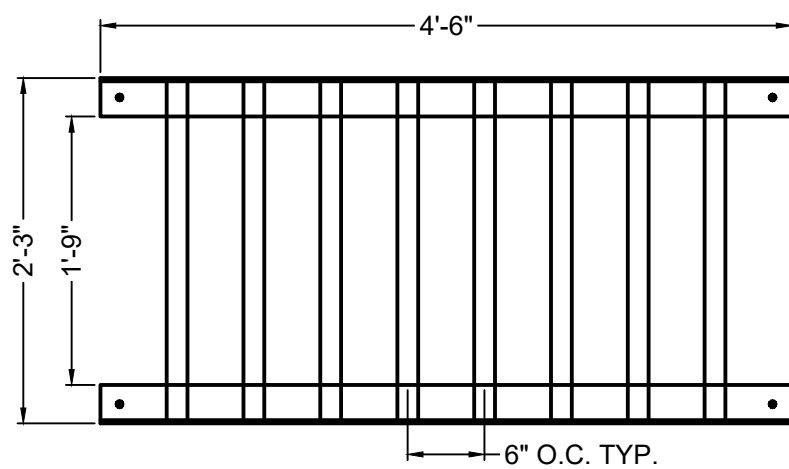
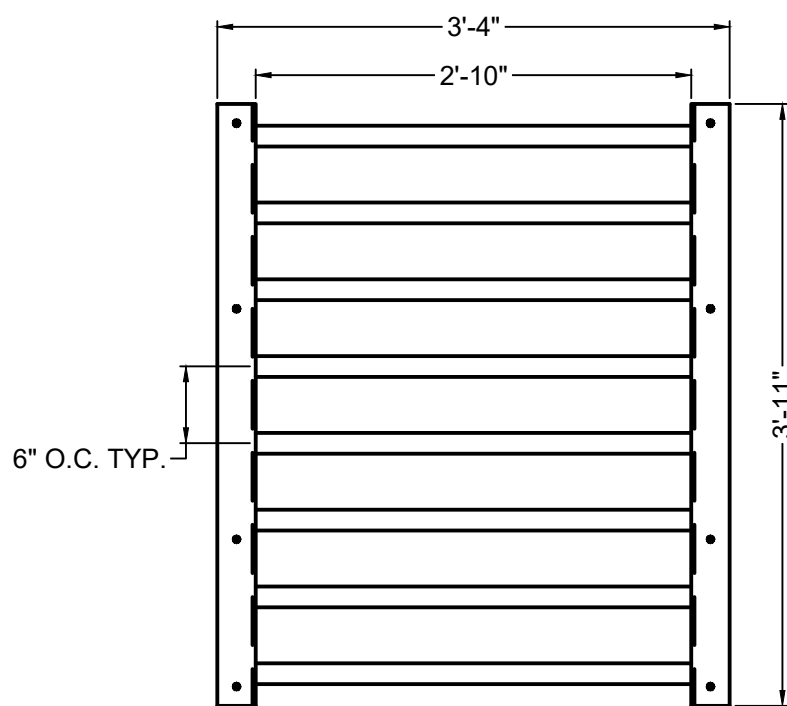
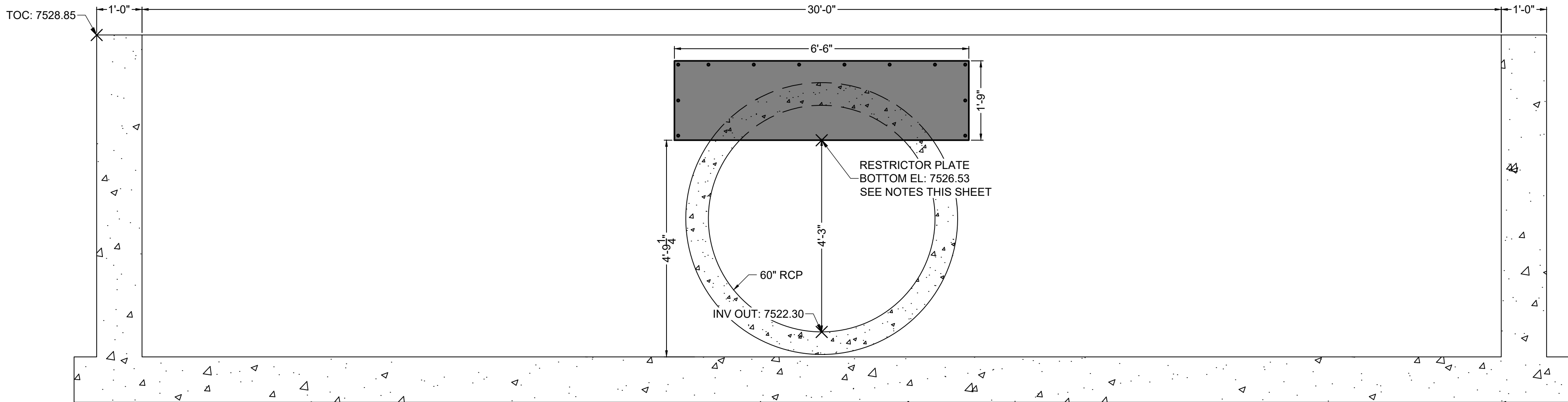
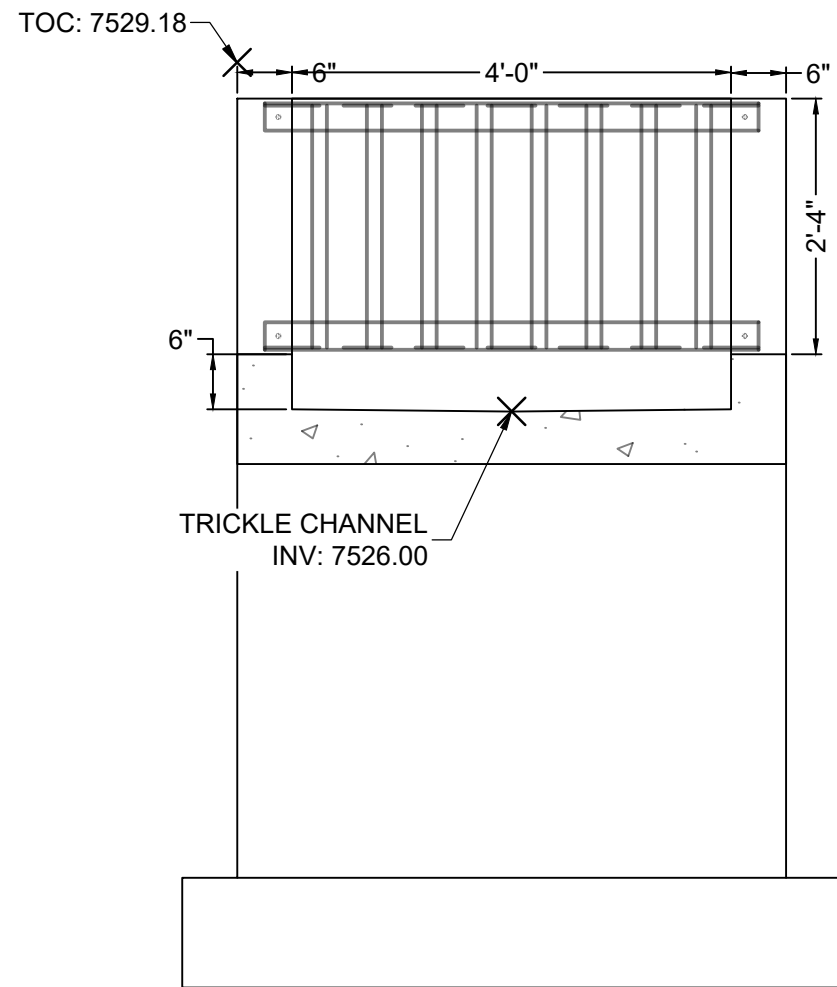
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EL PASO COUNTY, CO

POND DETAILS
POND B OUTLET STRUCTURE

SHEET
PND

28

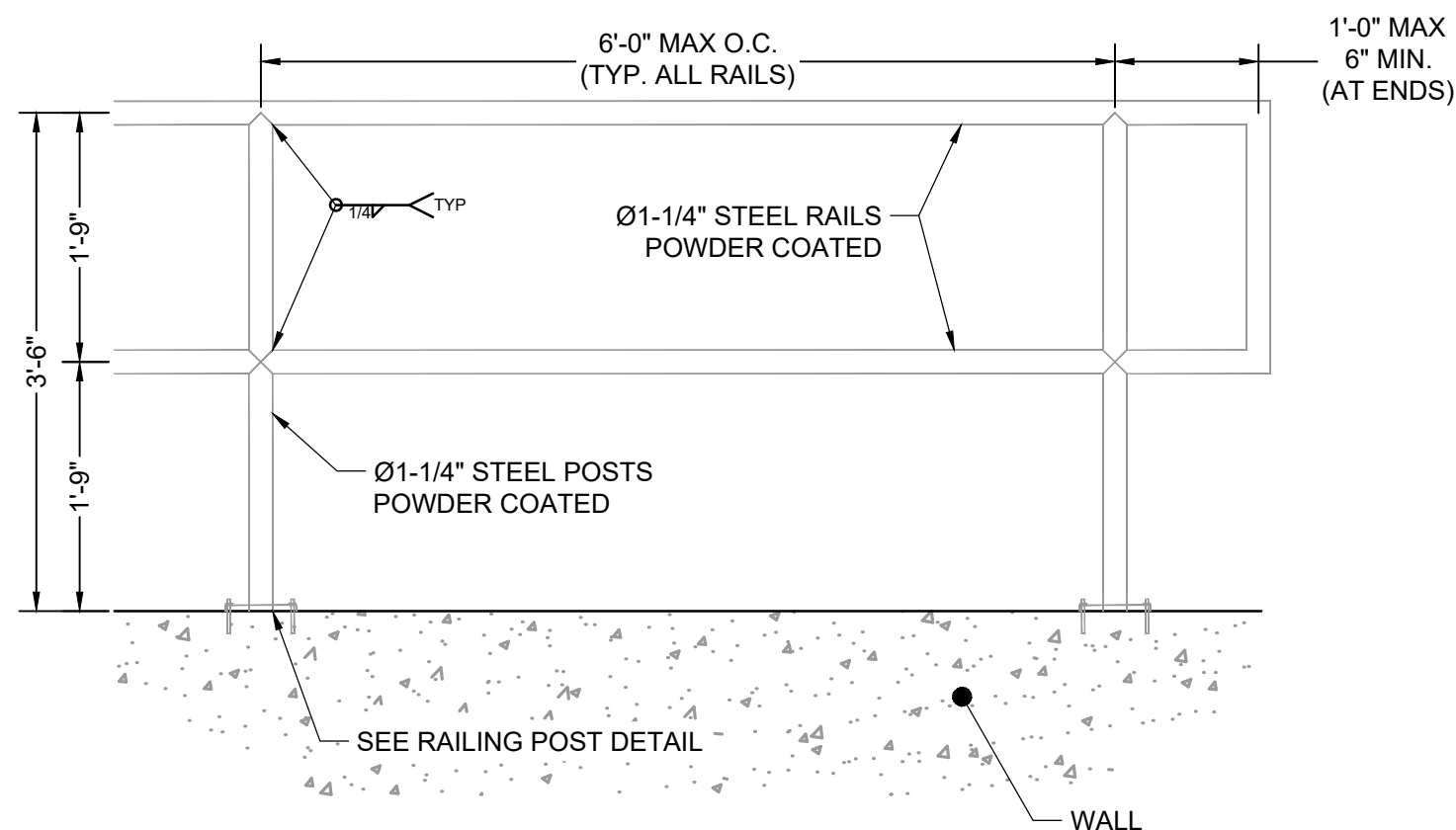
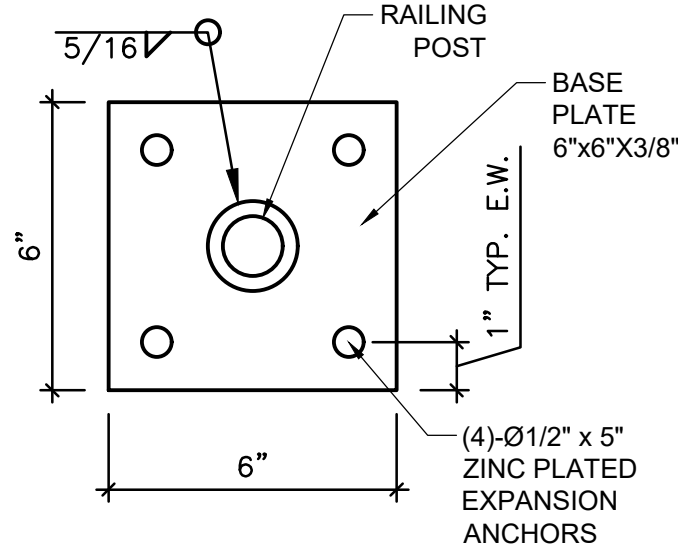


TWO SIGNS SHALL BE INSTALLED AROUND THE POND PERIMETER. THE SIGNS SHALL BE CONSTRUCTED OF A DURABLE MATERIAL SUCH AS METAL OR PLASTIC AND HAVE RED LETTERING ON A WHITE BACKGROUND WITH THE BELOW MESSAGE.

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.



SAFETY GRATES/TRASH RACK NOTES:

- TRASH RACKS AND SAFETY GRATES SHALL BE 1-3/4" 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.

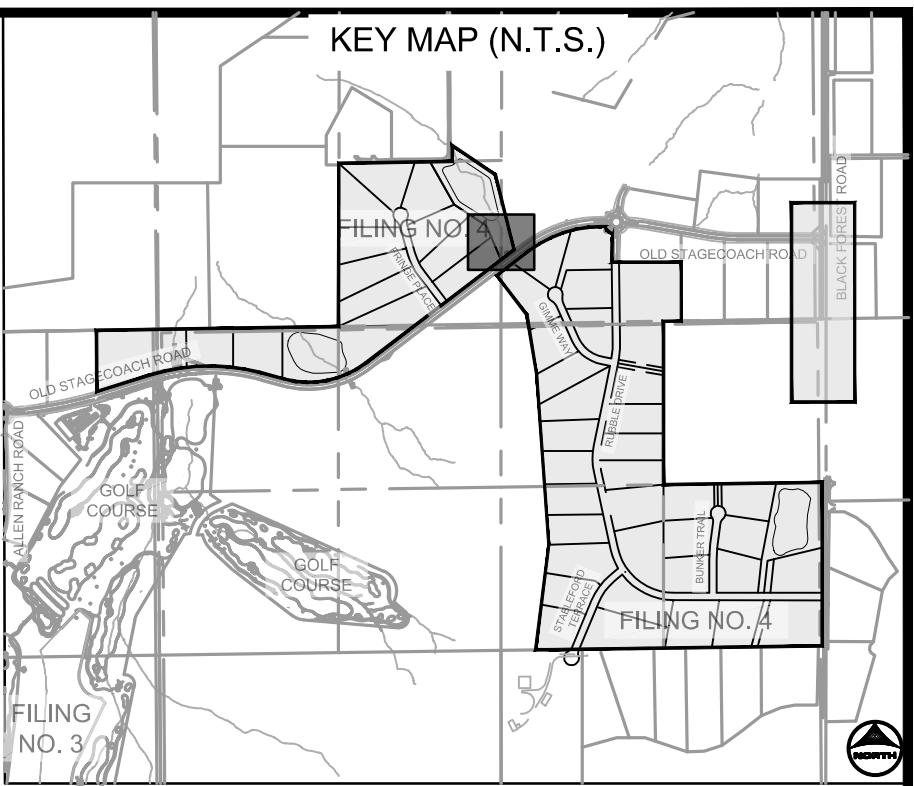



1. TWO SIGNS OF MINIMUM 3 SQ. FT. AREA, SHALL BE INSTALLED AROUND THE POND PERIMETER. THE SIGNS WILL BE CONSTRUCTED OF A DURABLE MATERIAL SUCH AS METAL OR PLASTIC AND HAVE RED LETTERING ON A WHITE BACKGROUND STATING, "WARNING- THIS AREA IS A STORMWATER FACILITY AND IS SUBJECT TO PERIODIC FLOODING.
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3. SEE GRASSING 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.
4. 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

POINT TABLE			
No.	DESC.	NORTHING & EASTING	ELEV
(1)	Begin Maint. Road	N: 447637.89 E: 225936.62	7567.48
(2)	Begin Maint. Road	N: 447641.57 E: 225949.33	7569.68
(3)	Maint. Road	N: 447646.64 E: 225954.63	7563.
(4)	Maint. Road	N: 447686.22 E: 225931.37	7566.56
(5)	Maint. Road	N: 447738.48 E: 225895.51	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: 447938.12 E: 225737.55	7545.52
(15)	Swale FL	N: 447947.46 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



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APPROVED: RDL JOB NUMBER: 211030.240 OFFICIAL DRAWINGS.
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IF NOT ONE INCH,
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NO.	DATE	BY	REVISION DESCRIPTION



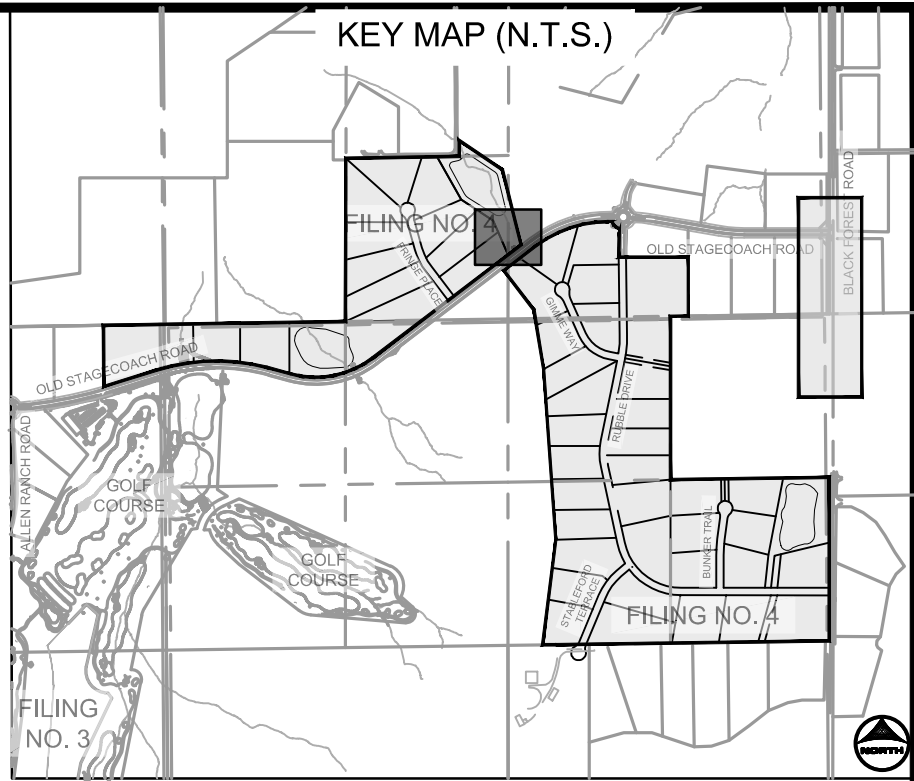
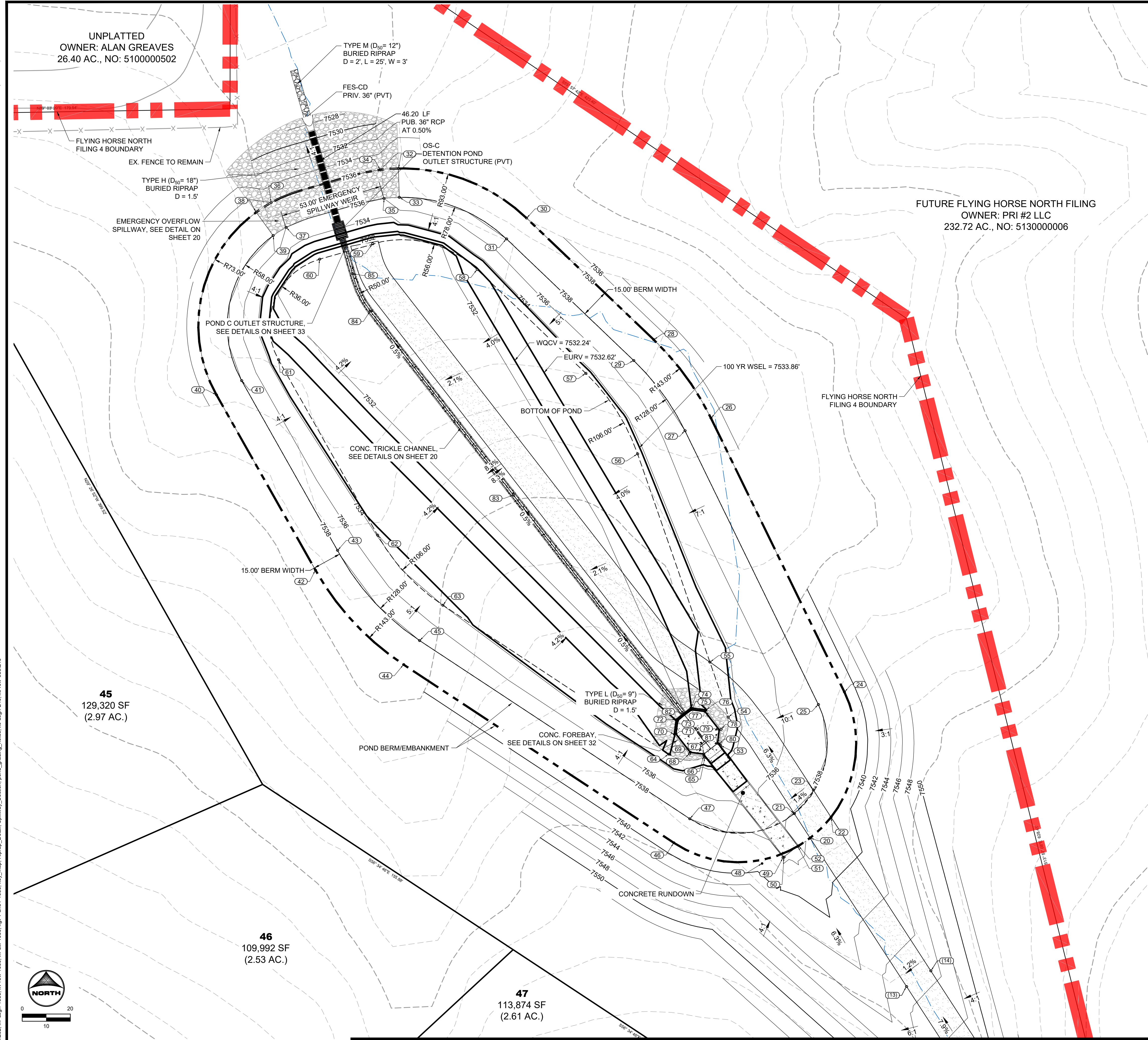
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PHONE: 719.300.4140
FAX: 713.965.0044

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PRI #2, LLC.
EL PASO COUNTY, CO

POND C GRADING PLAN

SHEET
PND

30



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: 225666.68	7538.00
22	Maint. Road/TOP	N: 448018.95 E: 225686.76	7538.05
23	Maint. Road/TOP	N: 448033.04 E: 225676.62	7538.00
24	TOP	N: 448084.00 E: 225698.02	7538.00
25	TOP	N: 448077.43 E: 225693.41	7538.00
26	TOP	N: 448226.26 E: 225678.20	7538.00
27	TOP	N: 448219.70 E: 225680.00	7538.00
28	TOP	N: 448267.00 E: 225683.32	7538.00
29	TOP	N: 448256.16 E: 225683.32	7538.00
30	TOP	N: 448330.17 E: 225627.65	7538.00
31	TOP	N: 448319.33 E: 225617.28	7538.00
32	Spillway	N: 448355.94 E: 225608.93	7538.00
33	Spillway	N: 448340.95 E: 225615.84	7538.00
34	Spillway Crest	N: 448355.25 E: 225615.84	7536.00
35	Spillway Crest	N: 448340.36 E: 225615.24	7536.00
36	Spillway Crest	N: 448338.14 E: 225605.00	7536.00
37	Spillway Crest	N: 448325.33 E: 225602.85	7536.00
38	Spillway	N: 448333.22 E: 225387.28	7538.00
39	Spillway	N: 448321.07 E: 225398.07	7538.00
40	TOP	N: 448238.32 E: 225366.68	7538.00
41	TOP	N: 448245.70 E: 225379.74	7538.00
42	TOP	N: 448147.23 E: 225418.11	7538.00
43	TOP	N: 448157.58 E: 225429.53	7537.99
44	TOP	N: 448098.18 E: 225463.87	7538.00
45	TOP	N: 448110.70 E: 225472.13	7538.00
46	TOP	N: 448005.60 E: 225604.16	7538.00
47	TOP	N: 448018.12 E: 225612.42	7538.00
48	TOP/Edge of Swale	N: 447994.87 E: 225649.93	7538.81
49	Rundown TOW	N: 447997.86 E: 225660.87	7539.00
50	Rundown BOW	N: 447998.20 E: 225661.35	7537.50
51	Rundown BOW	N: 448003.74 E: 225668.48	7537.50
52	Rundown TOW	N: 448004.05 E: 225668.88	7539.00

POINT TABLE			
No.	DESC.	NORTHING & EASTING	ELEV
53	BOP/Rundown TOW	N: 448056.19 E: 225628.34	7533.24
54	Maint. Road/BOP	N: 448070.90 E: 225630.34	7533.41
55	Maint. Road/BOP	N: 448069.51 E: 225622.87	7532.98
56	BOP	N: 448207.65 E: 225685.34	7533.41
57	BOP	N: 448248.49 E: 225658.47	7533.34
58	BOP	N: 448303.43 E: 225647.81	7532.50
59	BOP	N: 448316.76 E: 225640.25	7531.35
60	BOP	N: 448308.79 E: 225640.25	7531.34
61	BOP	N: 448266.51 E: 225686.90	7532.83
62	BOP	N: 448165.42 E: 225683.32	7533.92
63	BOP	N: 448129.02 E: 225683.32	7534.00
64	BOP	N: 448051.70 E: 225617.28	7532.56
65	BOP/Rundown TOW	N: 448050.00 E: 225615.84	7533.24
66	Forebay Outer	N: 448050.85 E: 225615.84	7533.16
67	Forebay Inner	N: 448051.80 E: 225615.84	7531.66
68	Forebay Outer	N: 448051.80 E: 225615.84	7533.22
69	Forebay Inner	N: 448052.67 E: 225615.84	7531.62
70	Forebay Outer	N: 448061.95 E: 225615.84	7532.58
71	Forebay Inner	N: 448062.21 E: 225605.32	7531.49
72	Forebay Outer	N: 448069.65 E: 225605.32	7532.19
73	Forebay Inner	N: 448069.15 E: 225606.19	7531.46
74	Forebay Outer	N: 448075.67 E: 225615.84	7532.19
75	Forebay Inner	N: 448074.71 E: 225615.84	7531.46
76	Forebay Outer	N: 448074.71 E: 225615.84	7532.58
77	Forebay Inner	N: 448073.83 E: 225620.76	7531.49
78	Forebay Outer	N: 448064.56 E: 225620.76	7533.22
79	Forebay Inner	N: 448064.29 E: 225620.76	7531.62
80	Forebay Outer	N: 448057.01 E: 225621.71	7533.16
81	Forebay Inner	N: 448057.35 E: 225620.81	7531.66
82	TC Flow Line	N: 448072.66 E: 225620.18	7531.43
83	TC Flow Line	N: 448186.26 E: 225620.88	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:

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ABBREVIATIONS:

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B.O.P. ~ BOTTOM OF POND
T.O.P. ~ TOP OF POND
T.C. ~ TRICKLE CHANNEL
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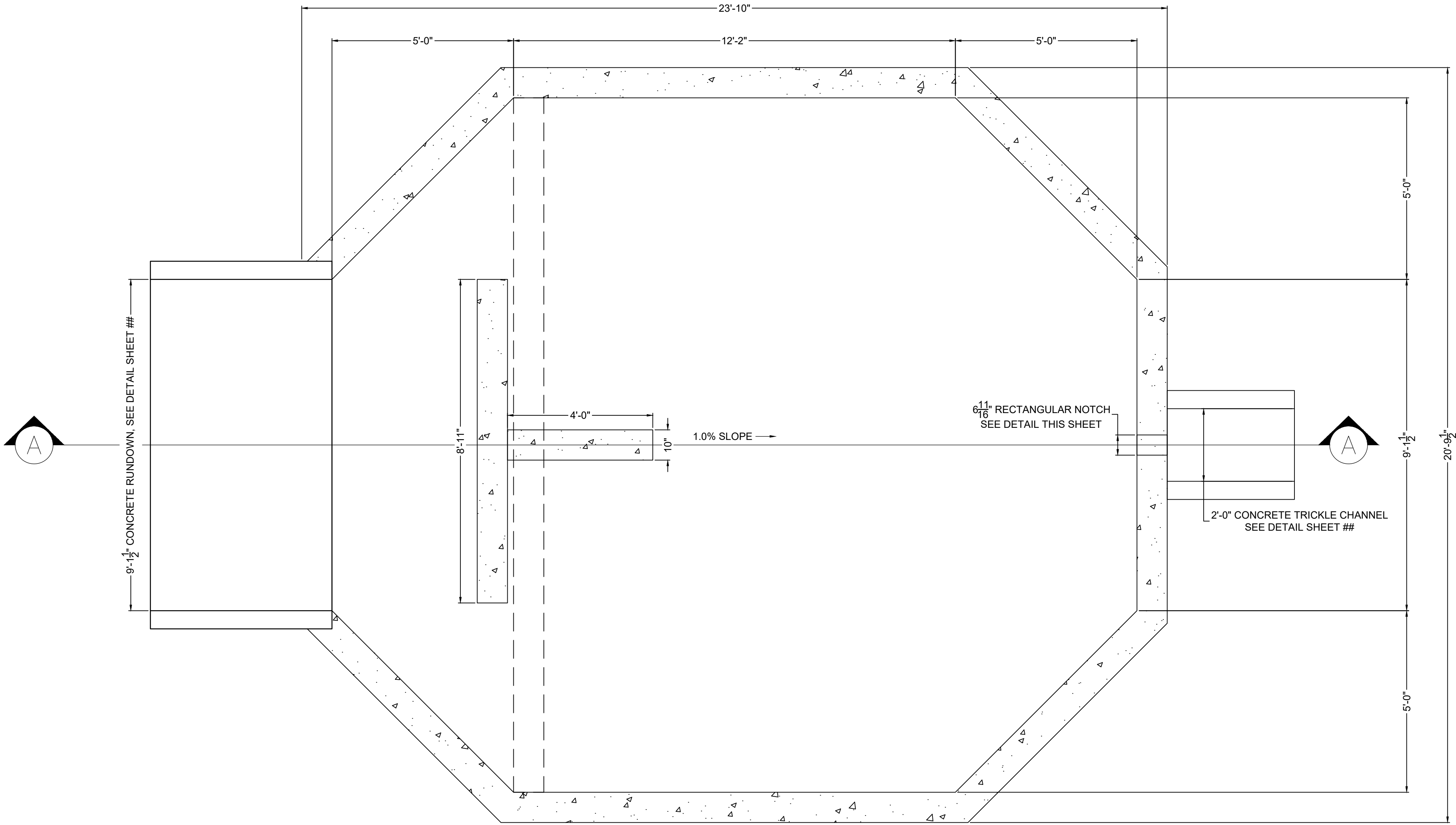
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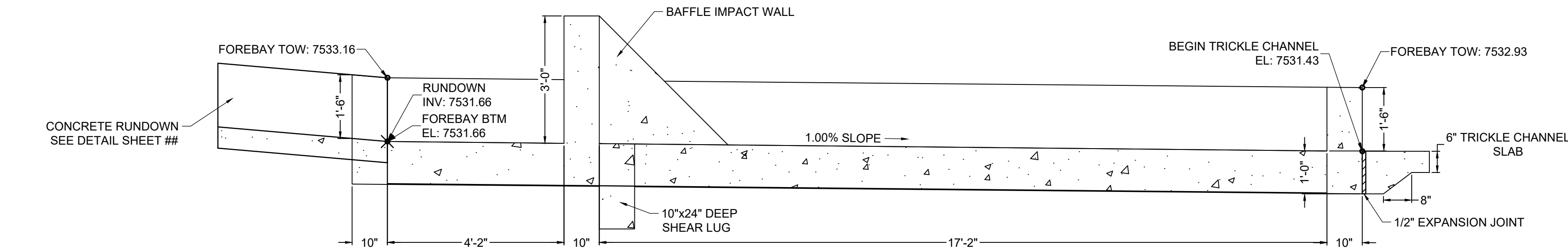
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POND C GRADING PLAN

SHEET
PND

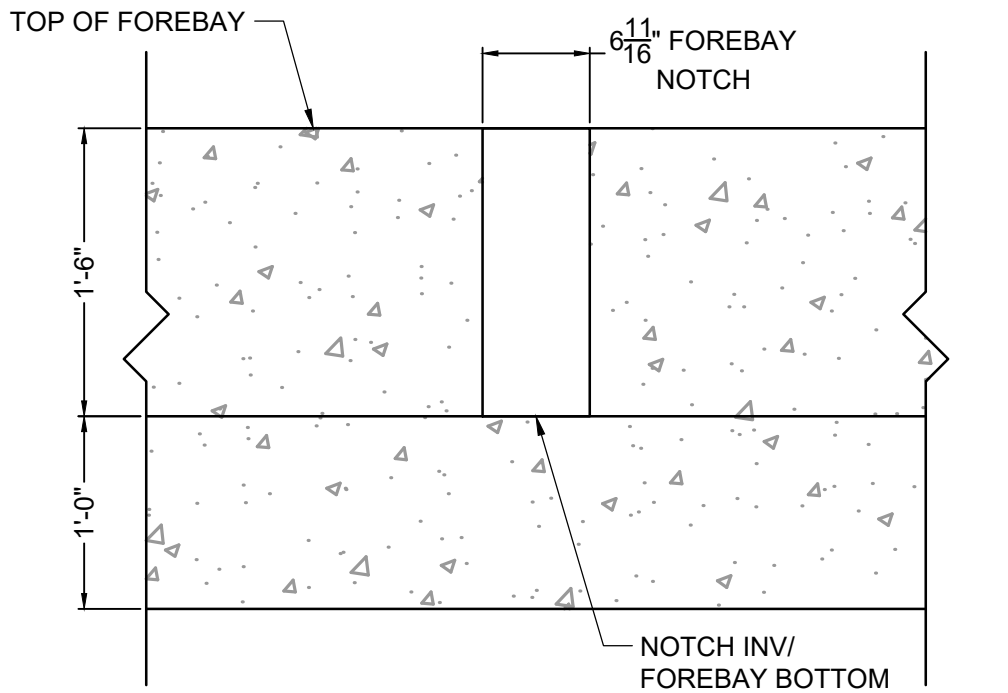
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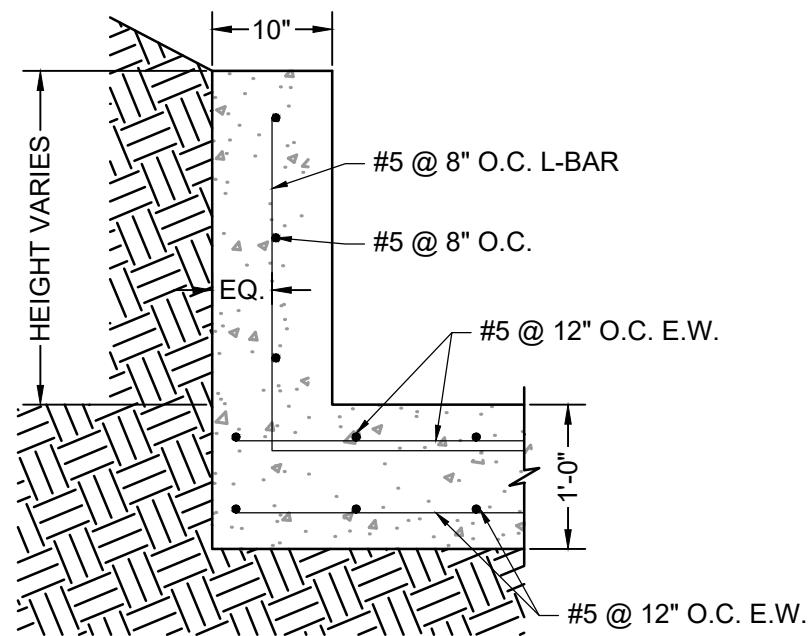
PLAN VIEW
FOREBAY C
SCALE: 1"=2'



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



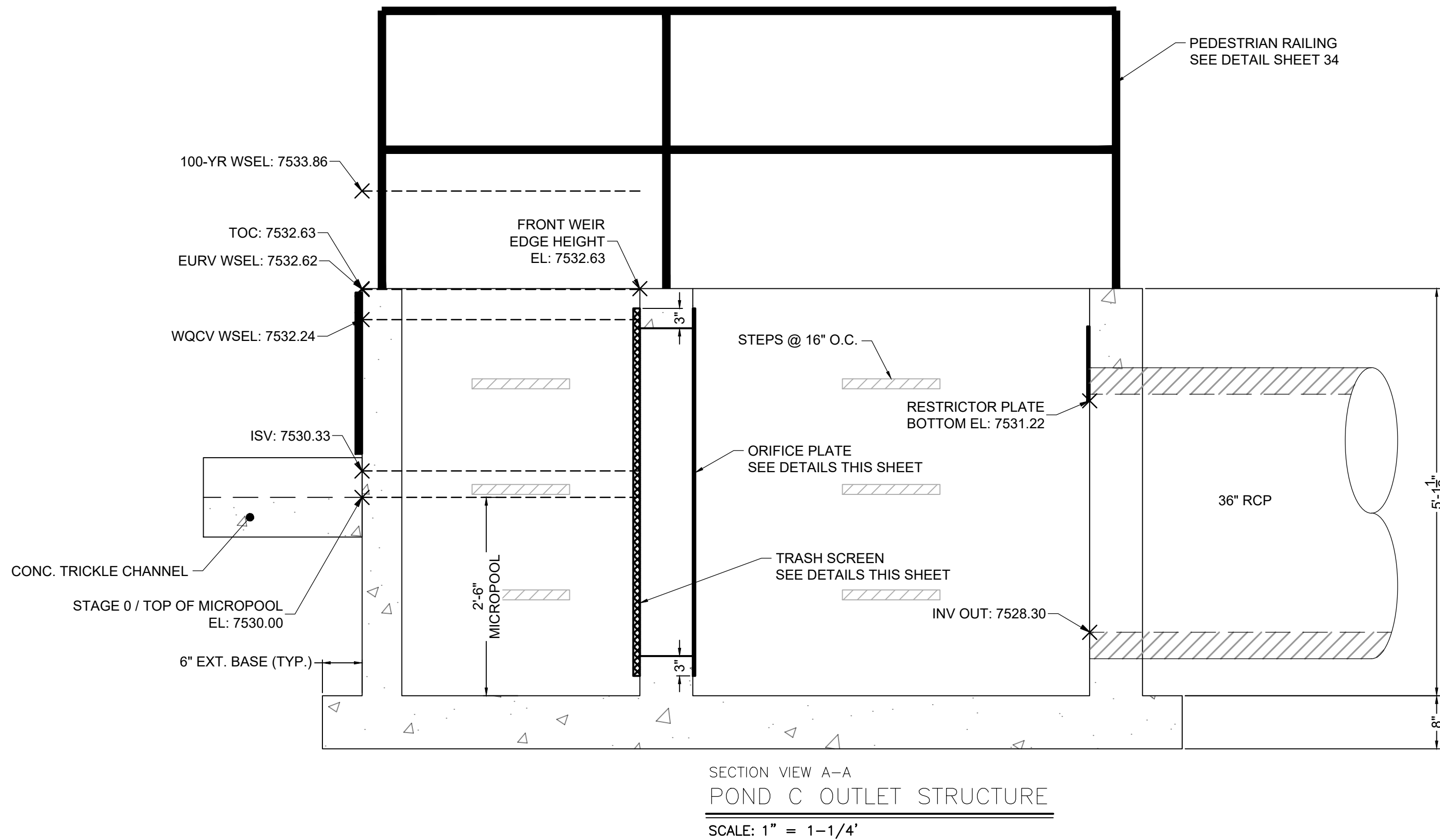
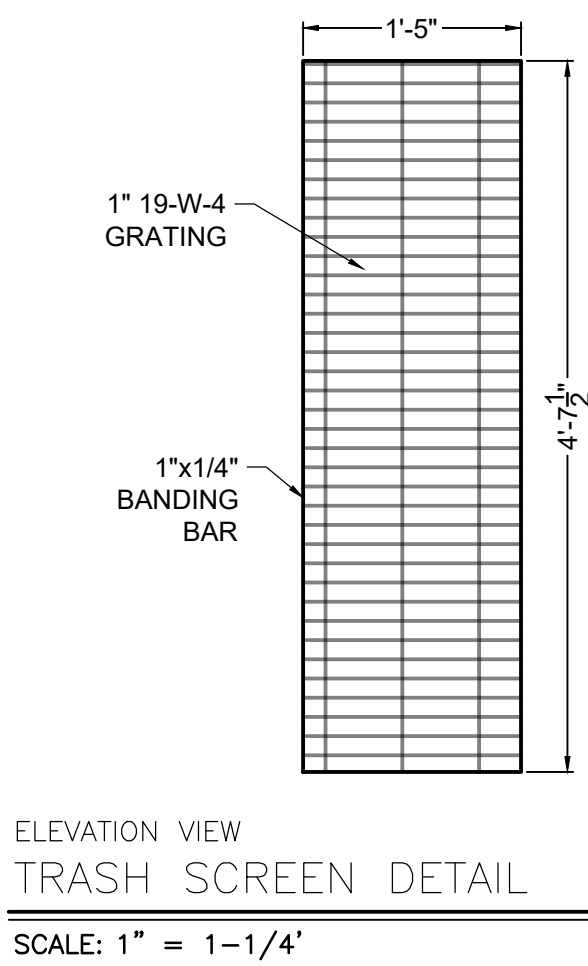
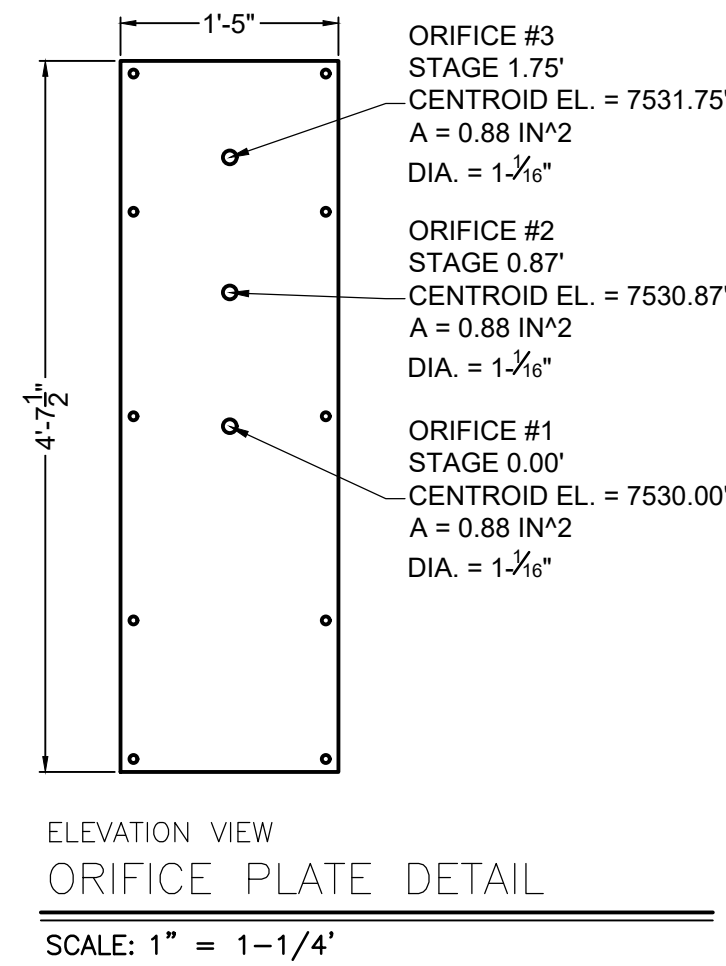
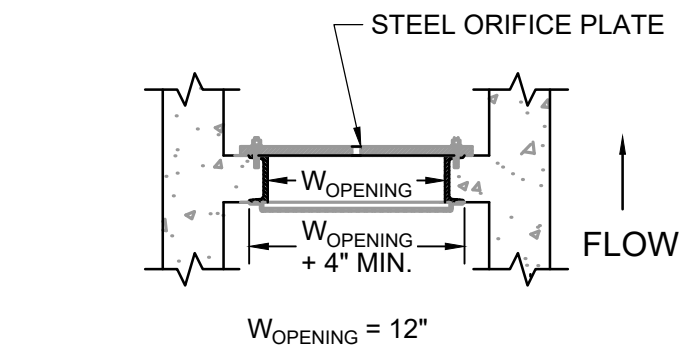
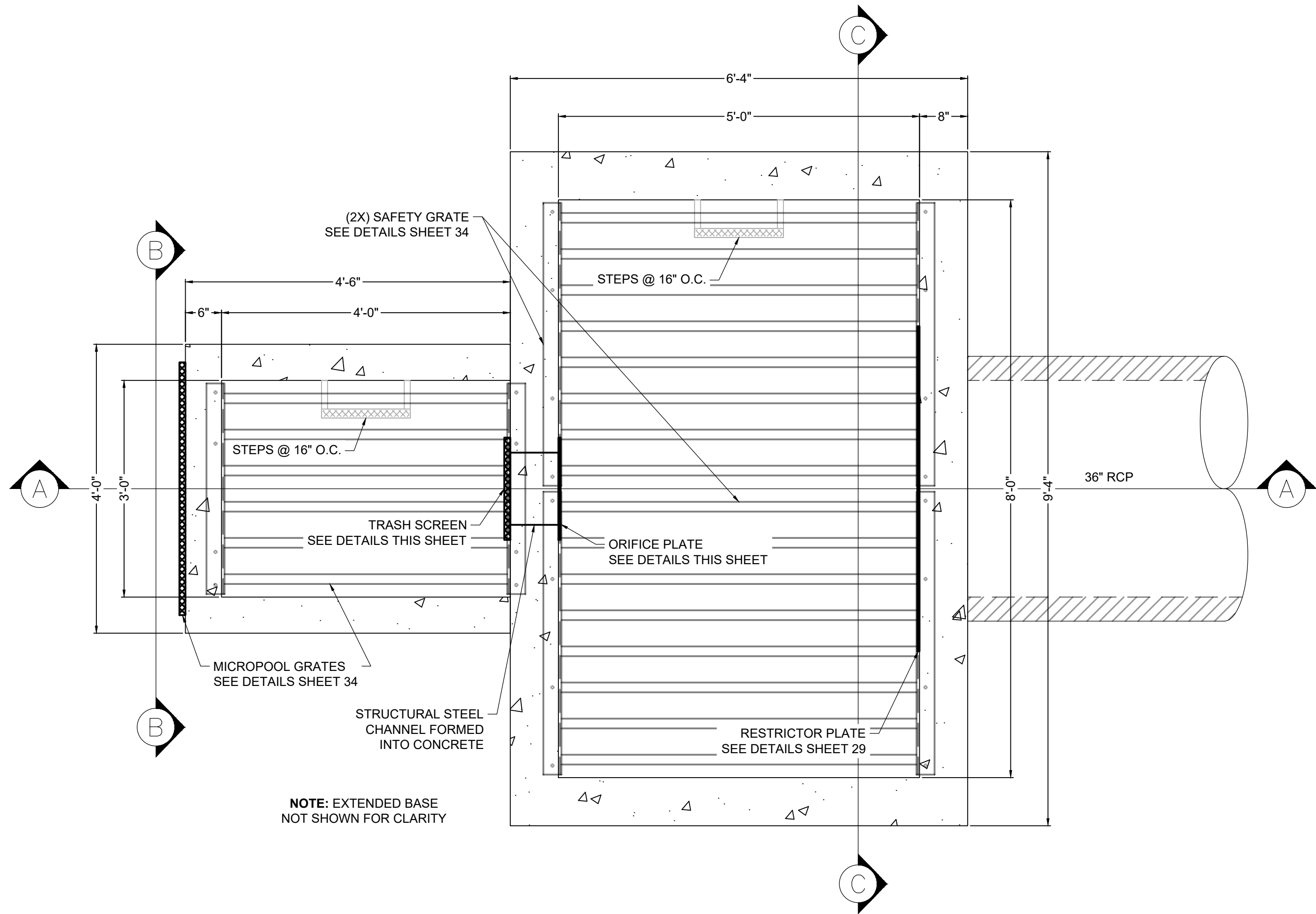
FOREBAY C NOTCH DETAIL
SCALE: NTS



ELEVATION VIEW
FOREBAY REINFORCING DETAIL
SCALE: NTS

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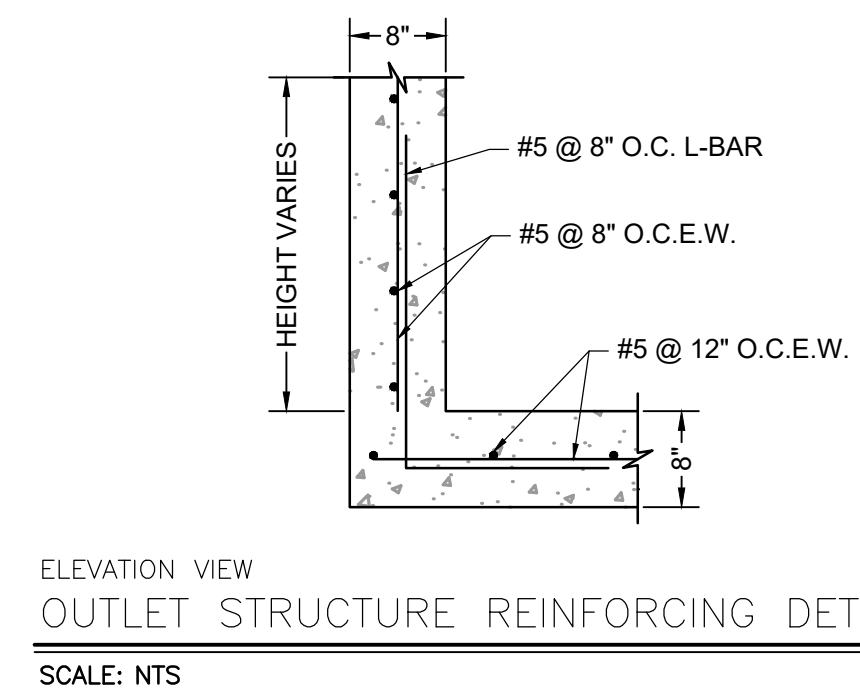


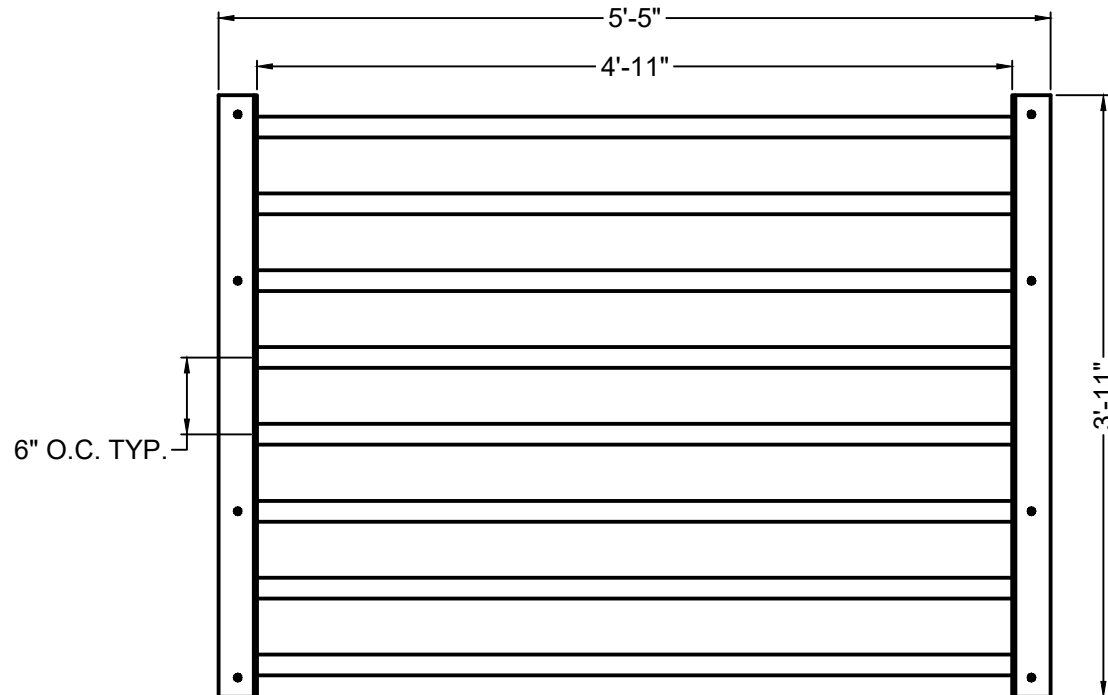
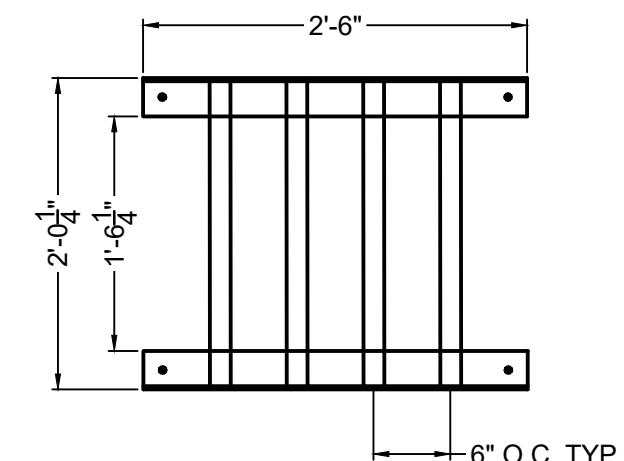
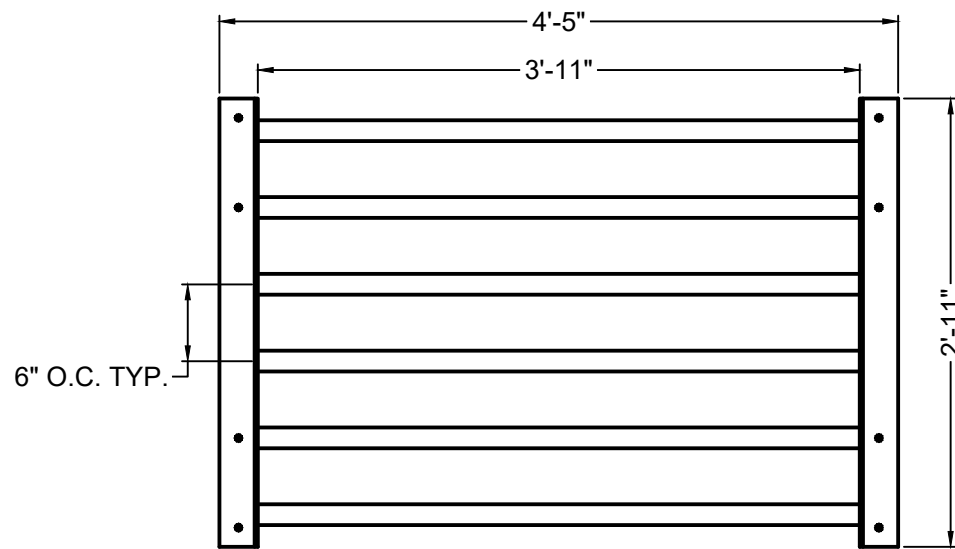
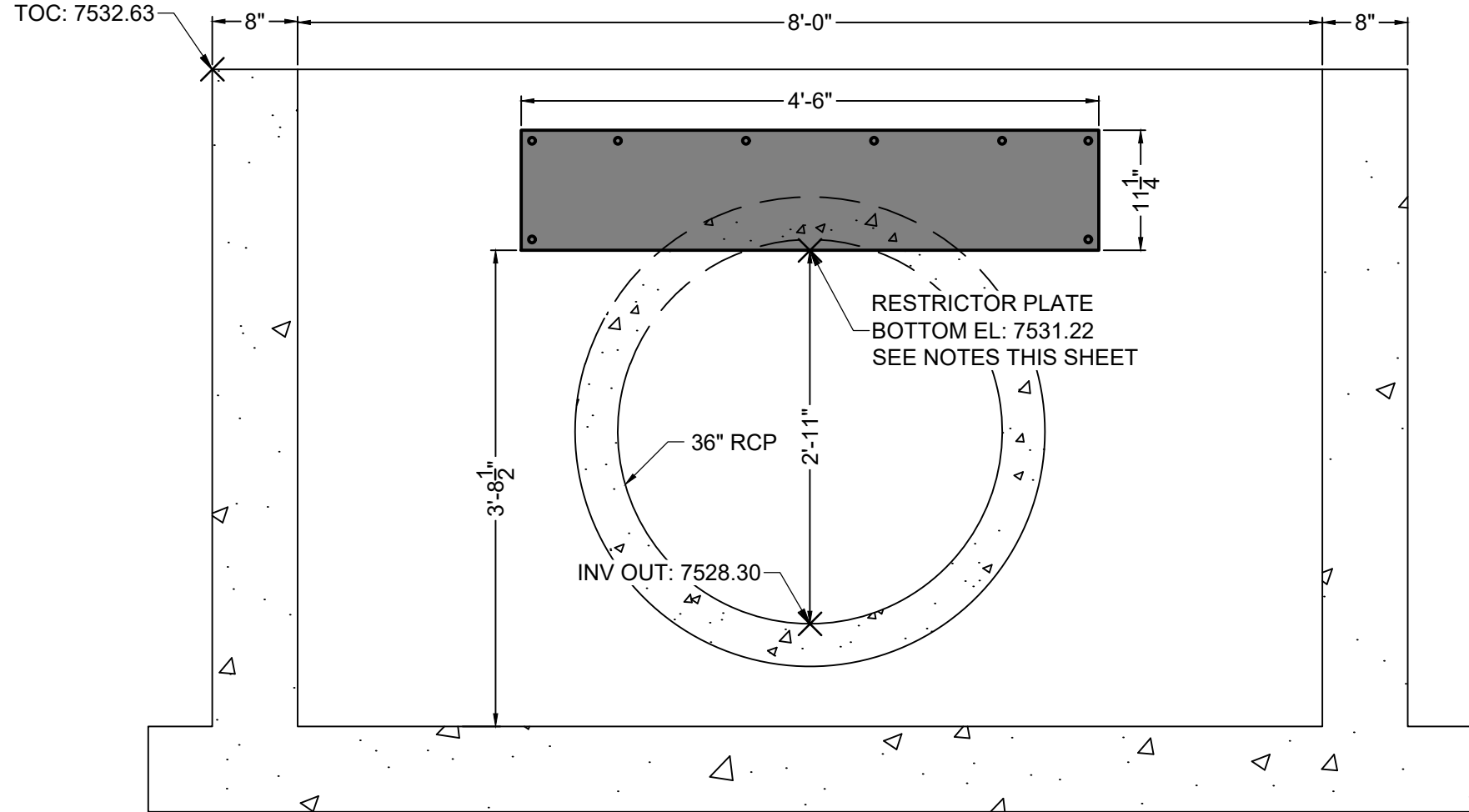
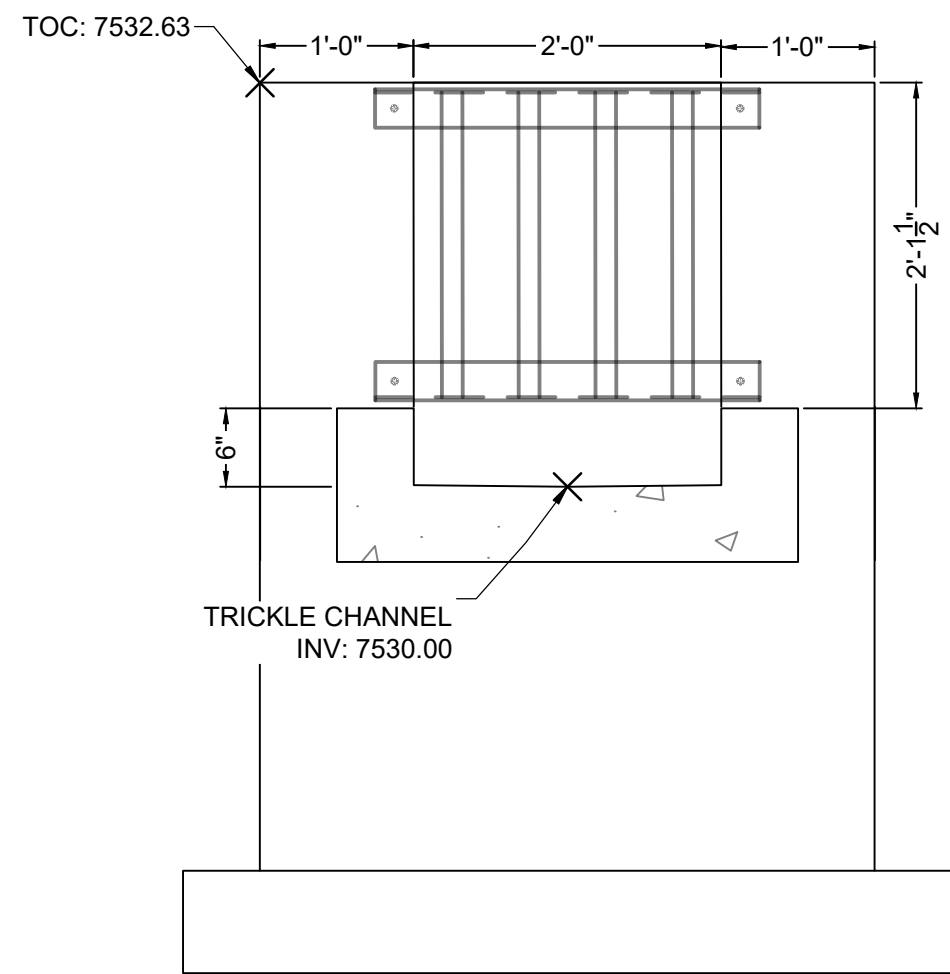
TRASH SCREEN NOTES:

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.



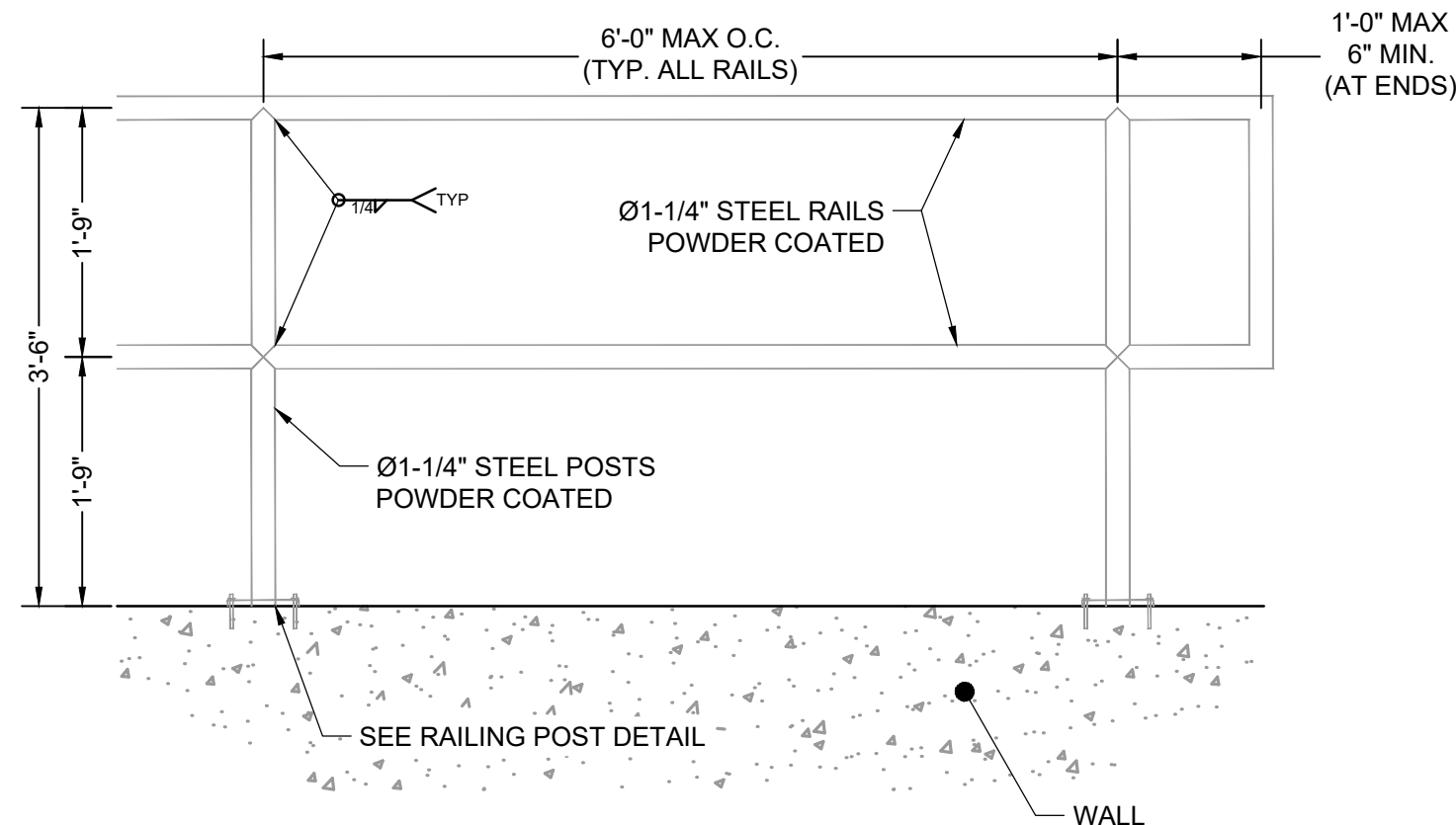
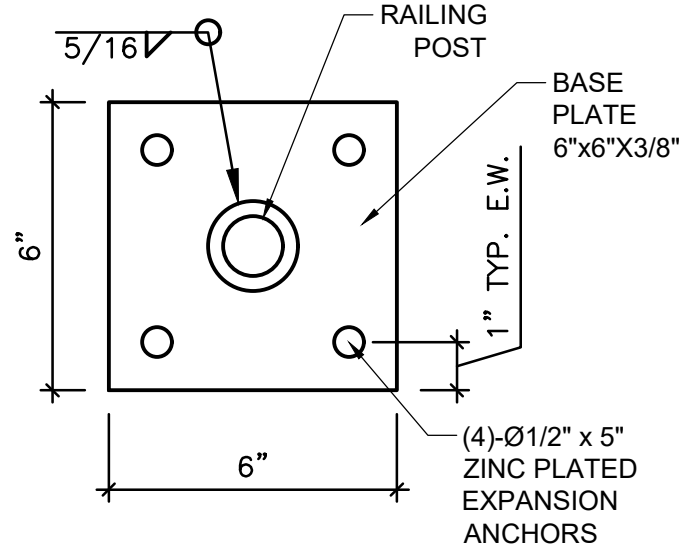


TWO SIGNS SHALL BE INSTALLED AROUND THE POND PERIMETER. THE SIGNS SHALL BE CONSTRUCTED OF A DURABLE MATERIAL SUCH AS METAL OR PLASTIC AND HAVE RED LETTERING ON A WHITE BACKGROUND WITH THE BELOW MESSAGE.

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.



SAFETY GRATES/TRASH RACK NOTES:

1. 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.
2. 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.
3. STEEL GRATES SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.
4. STRUCTURAL STEEL FOR GRATES SHALL BE GALVANIZED AND SHALL BE IN ACCORDANCE WITH CDOT STANDARD SPECIFICATIONS, SUBSECTION 712.06.
5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR GRATING FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

RESTRICTOR PLATE NOTES:

1. 3/8" THICK RESTRICTOR PLATE, GALVANIZED STEEL.
2. BOLT PLATE TO CONCRETE @ 12" O.C. MAX.
3. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN PLATE AND CONCRETE.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR RESTRICTOR PLATE FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

NO.	DATE	BY	REVISION DESCRIPTION

