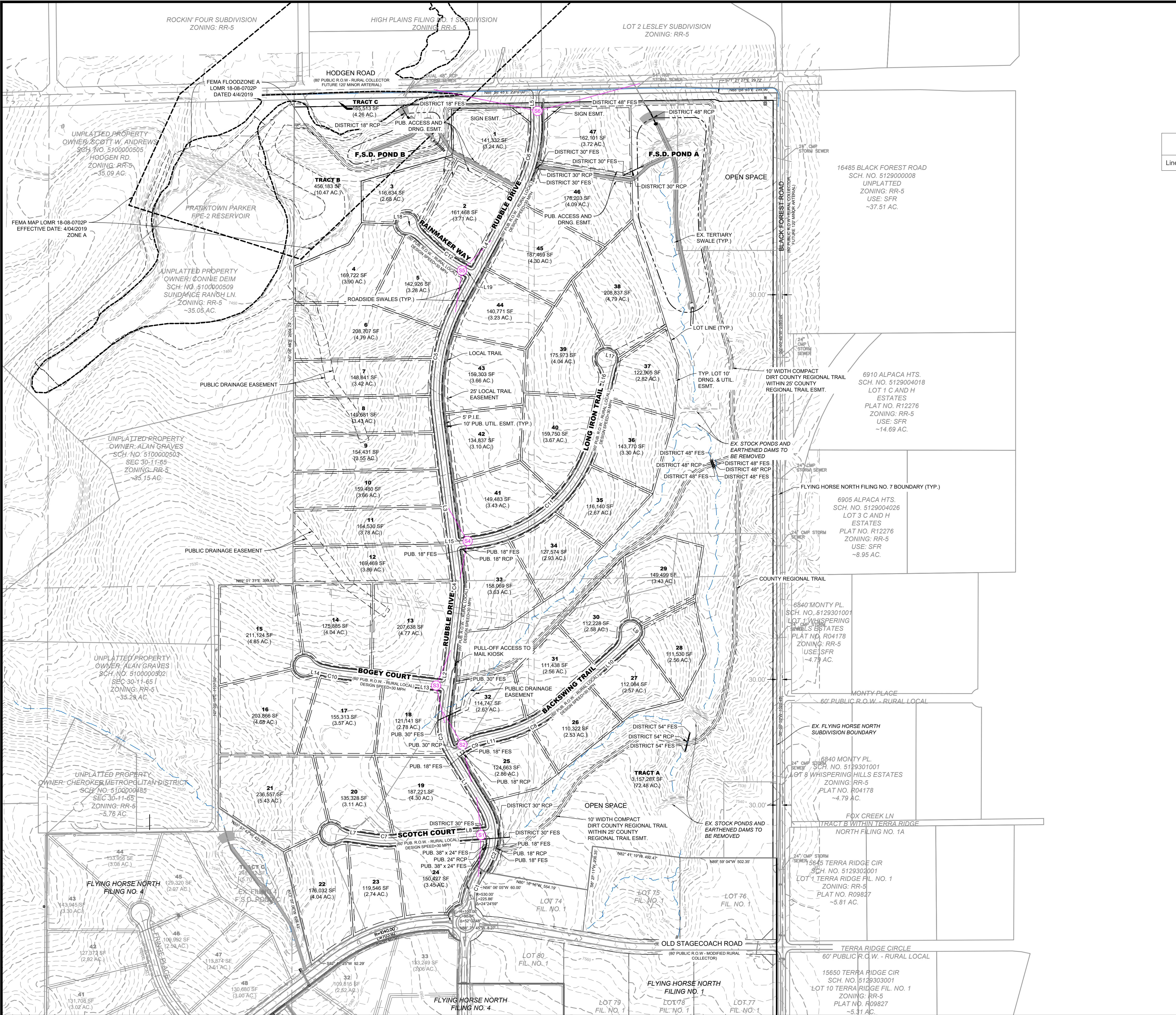




INTERSECTION SIGHT DISTANCE TABLE				
LOCATION ID	MINOR STREET	MAJOR STREET	SIGHT DISTANCE LEFT (FT)	SIGHT DISTANCE RIGHT (FT)
S1	RURAL LOCAL	RURAL LOCAL	205	215
S2	RURAL LOCAL	RURAL LOCAL	205	205
S3	RURAL LOCAL	RURAL LOCAL	205	205
S4	RURAL LOCAL	RURAL LOCAL	205	205
S5	RURAL LOCAL	RURAL LOCAL	225	225
S6	RURAL LOCAL	FUTURE MINOR ARTERIAL	570	570

ROADWAY CENTERLINE LINE AND CURVE TABLE					
Line #/Curve #	LENGTH (FT)	DIRECTION / DELTA	RADIUS (FT)	CHORD LENGTH (FT)	CHORD DIRECTION

- NOTES:**
- THE DRAINAGE EASEMENTS SHOWN WITHIN THESE PLANS ARE ON THE FINAL PLAT FOR THE SUBDIVISION. THE DRAINAGE EASEMENTS ARE NO-BUILD AREAS AND THEY COINCIDE WITH GEOLOGIC HAZARDS IDENTIFIED BY ENTECH IN THE REPORT ENTITLED SOILS AND GEOLOGY STUDY FLYING HORSE FILING NO. 7, DATED NOVEMBER, 2025. 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.
 - ALL STORM INFRASTRUCTURE WITHIN THE PUBLIC RIGHT-OF-WAY IS PUBLIC AND IS OWNED AND MAINTAINED BY EL PASO COUNTY. ALL STORM INFRASTRUCTURE OUTSIDE OF THE PUBLIC RIGHT-OF-WAY IS PUBLIC AND IS OWNED AND MAINTAINED BY THE FLYING HORSE NORTH METROPOLITAN DISTRICT.



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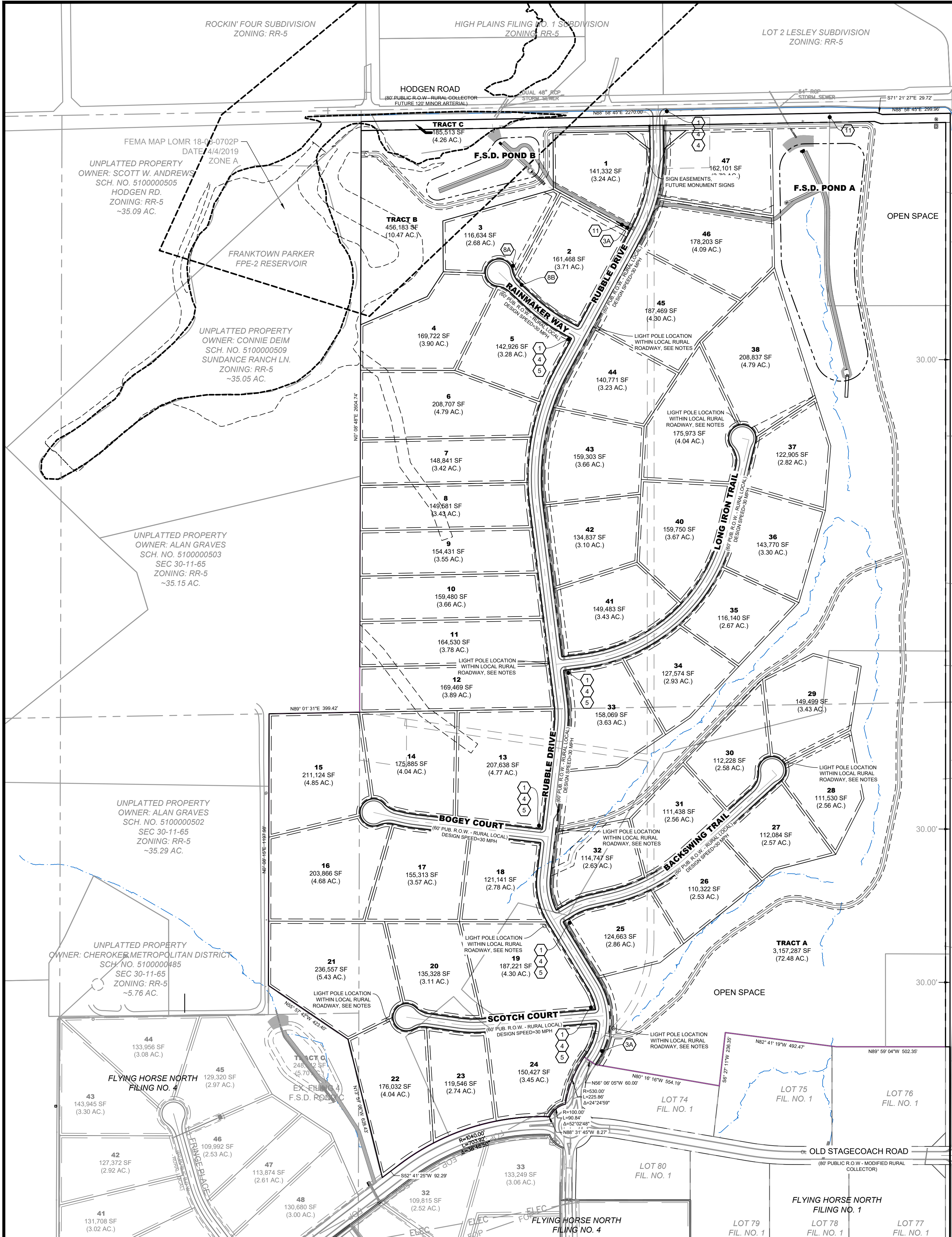
NO.	DATE	BY	REVISION DESCRIPTION

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

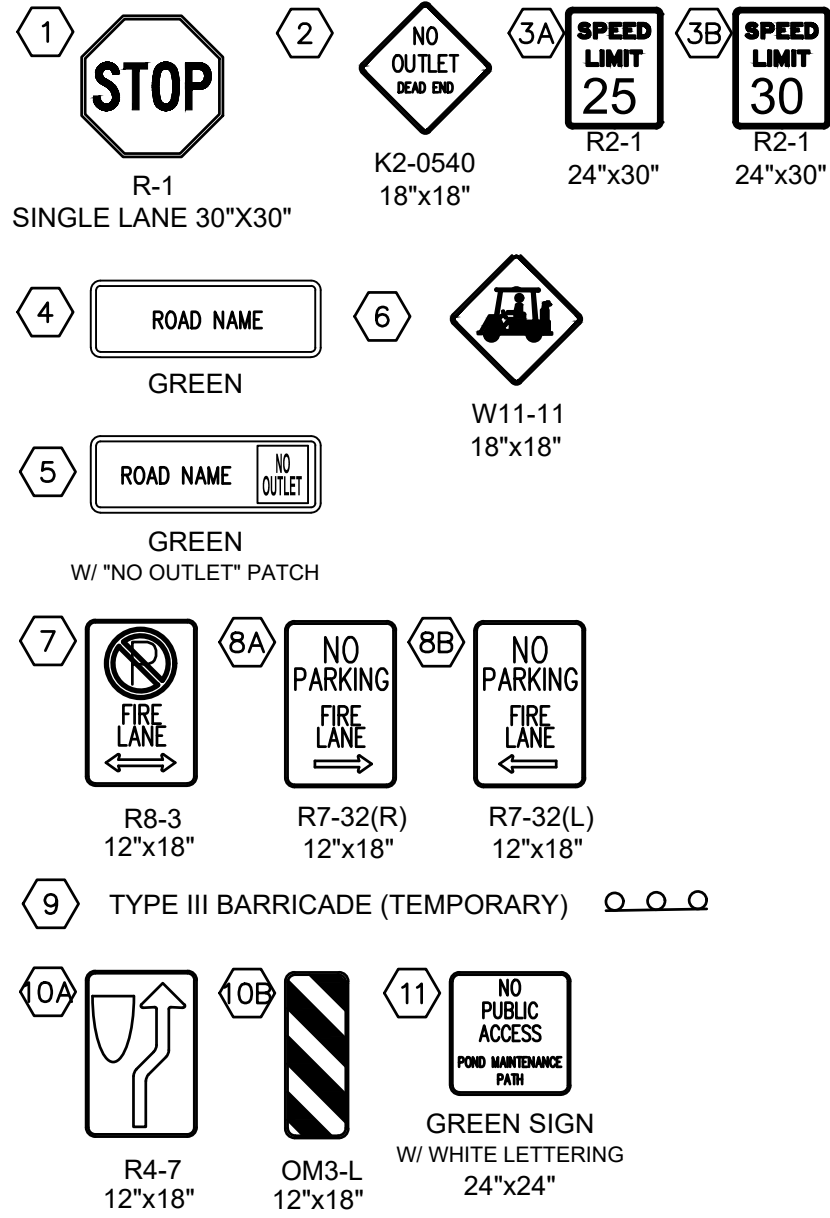
**FLYING HORSE NORTH FILING 7
PRI #2, LLC.**
EL PASO COUNTY, CO

CONSTRUCTION DOCUMENTS
OVERALL SITE PLAN

SHEET
OSP
3



SIGNAGE LEGEND:



CONSTRUCTION NOTES:

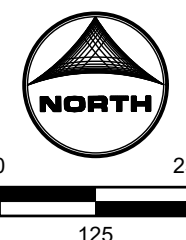
- WHERE CONSTRUCTION DETAILS AND SPECIFICATIONS ARE NOTED ON THESE PLANS USE EL PASO COUNTY STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION.
- ALL SIGNING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST 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 NO 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-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SLIPBASE DESIGN.
- ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
- ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS SHALL BE A MINIMUM 125 MIL THICKNESS PREFORMED THERMOPLASTIC PAVEMENT MARKINGS WITH TAPERED LEADING EDGES PER CDOT STANDARD S-627-1. WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALK LINES SHALL BE 12" WIDE AND 8' LONG PER CDOT S-627-1.
- ALL LONGITUDINAL LINES SHALL BE A MINIMUM 15 MIL THICKNESS EPOXY PAINT. ALL NON-LOCAL RESIDENTIAL ROADWAYS SHALL INCLUDE BOTH RIGHT AND LEFT EDGE LINE STRIPING AND ANY ADDITIONAL STRIPING AS REQUIRED BY CDOT S-627-1.
- THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (719.520.6819) PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING.
- THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS (DPW) PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AND EXISTING EL PASO COUNTY ROADWAY.



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NO.	DATE	BY	REVISION DESCRIPTION



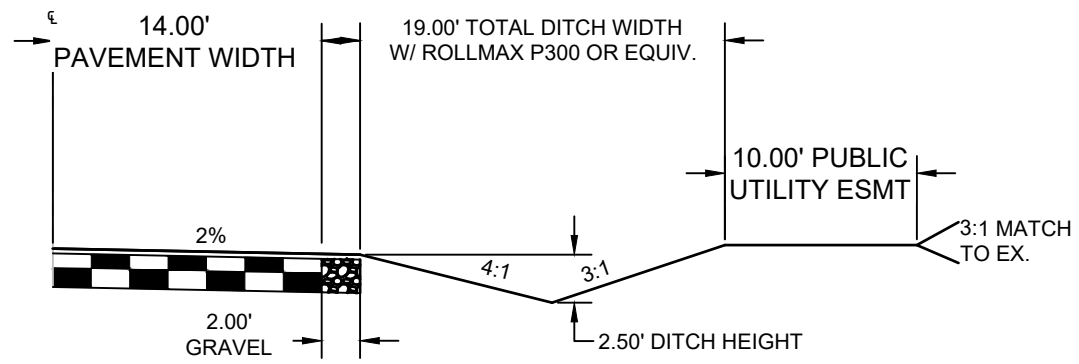
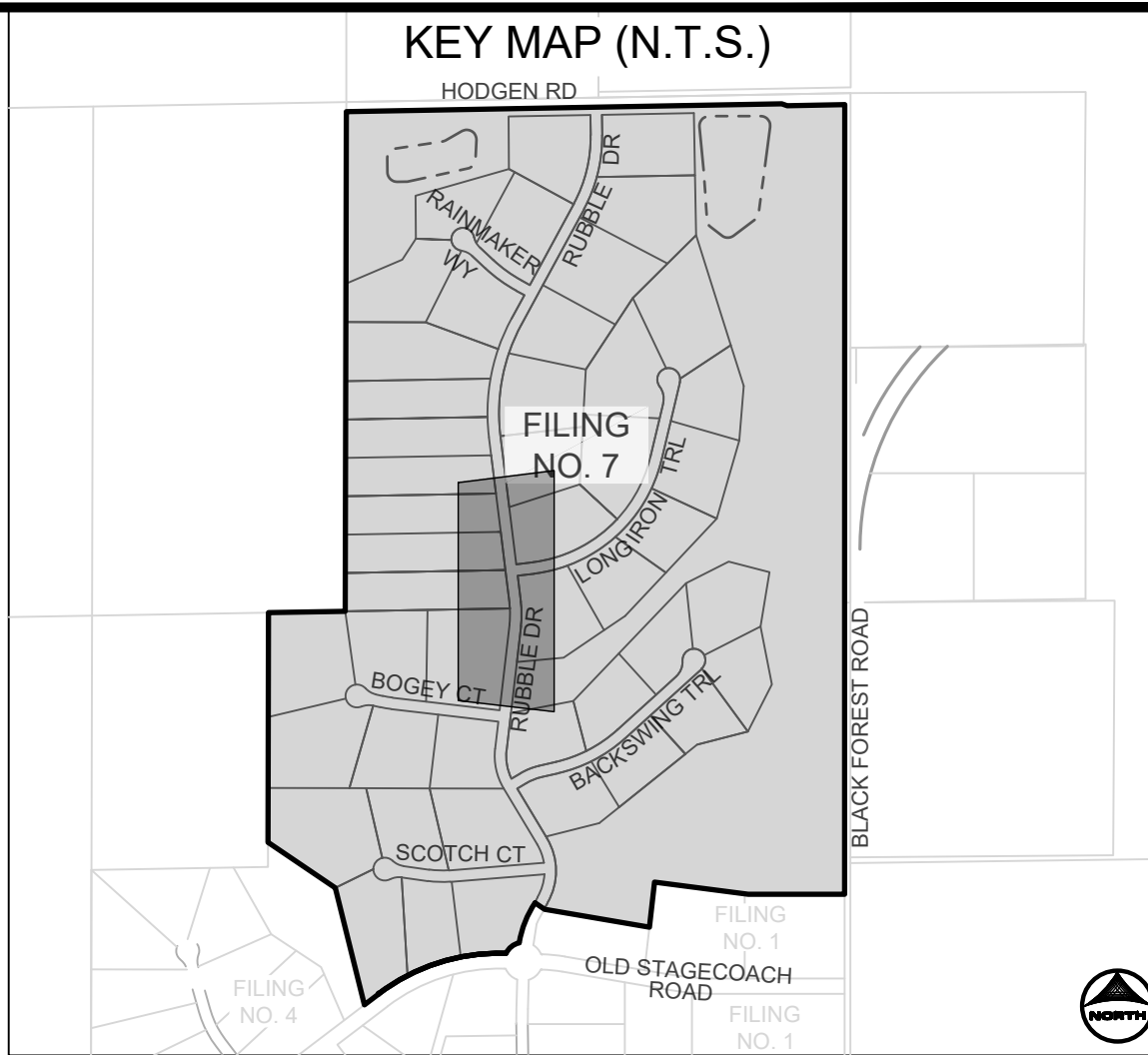
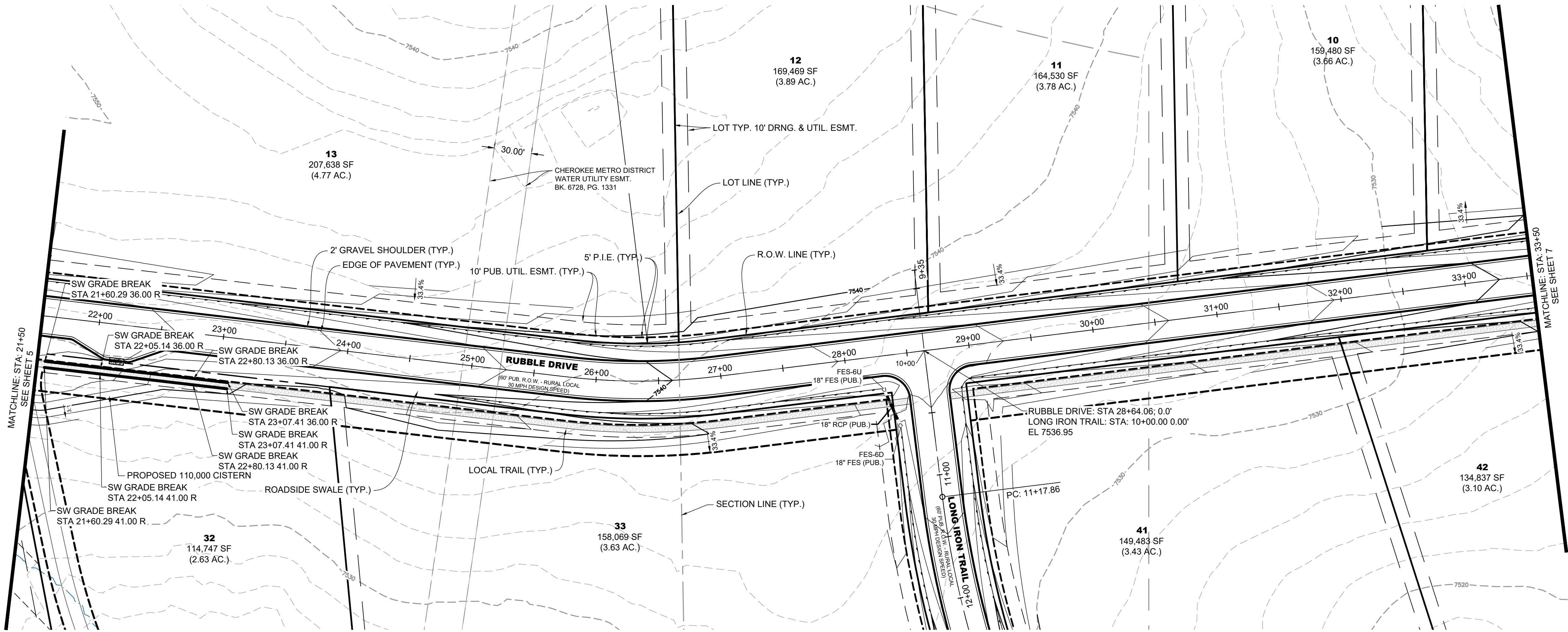
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

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PRI #2, LLC.
EL PASO COUNTY, CO

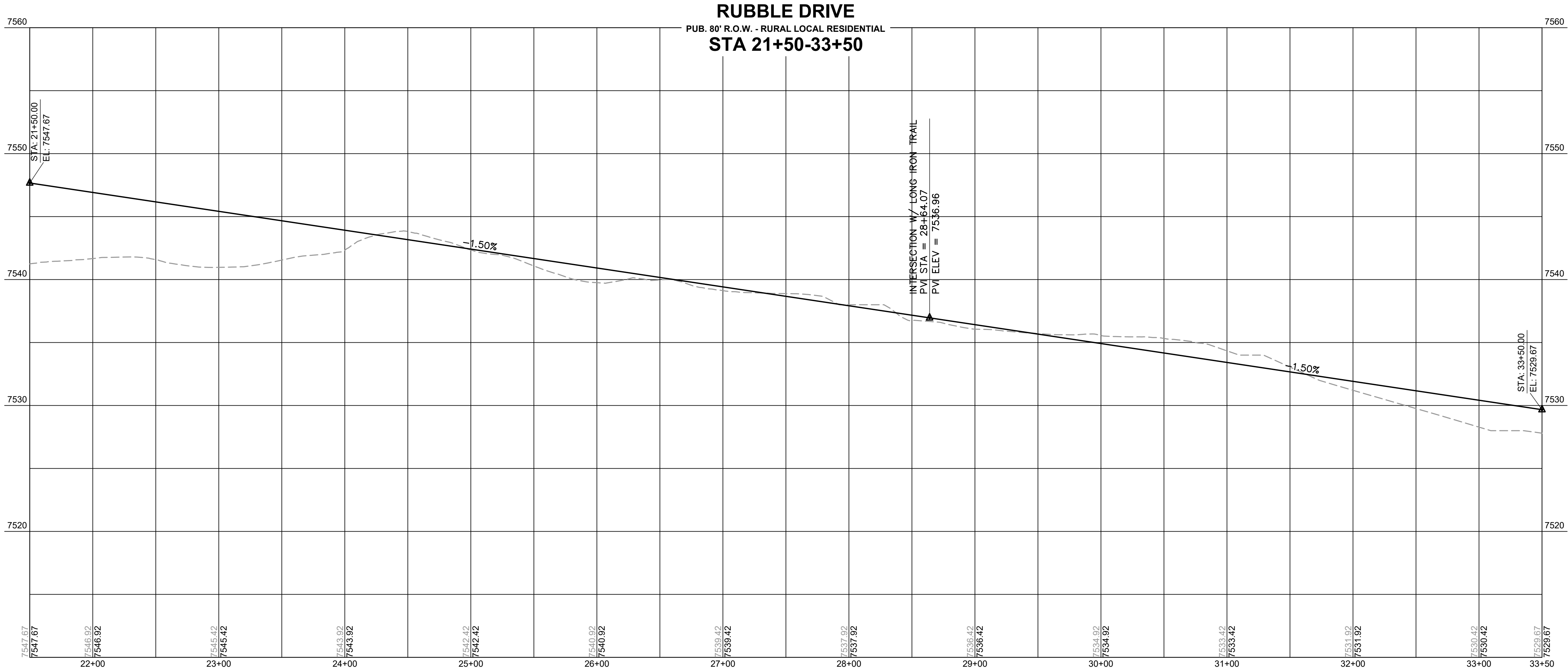
CONSTRUCTION DOCUMENTS
SIGNAGE AND STRIPING

SHEET
S&S

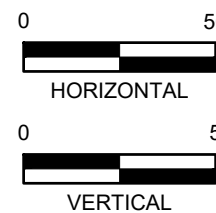
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PROFILE LEGEND	
	EXISTING GROUND AT ROAD CENTERLINE
	PROPOSED GRADE AT ROAD CENTERLINE



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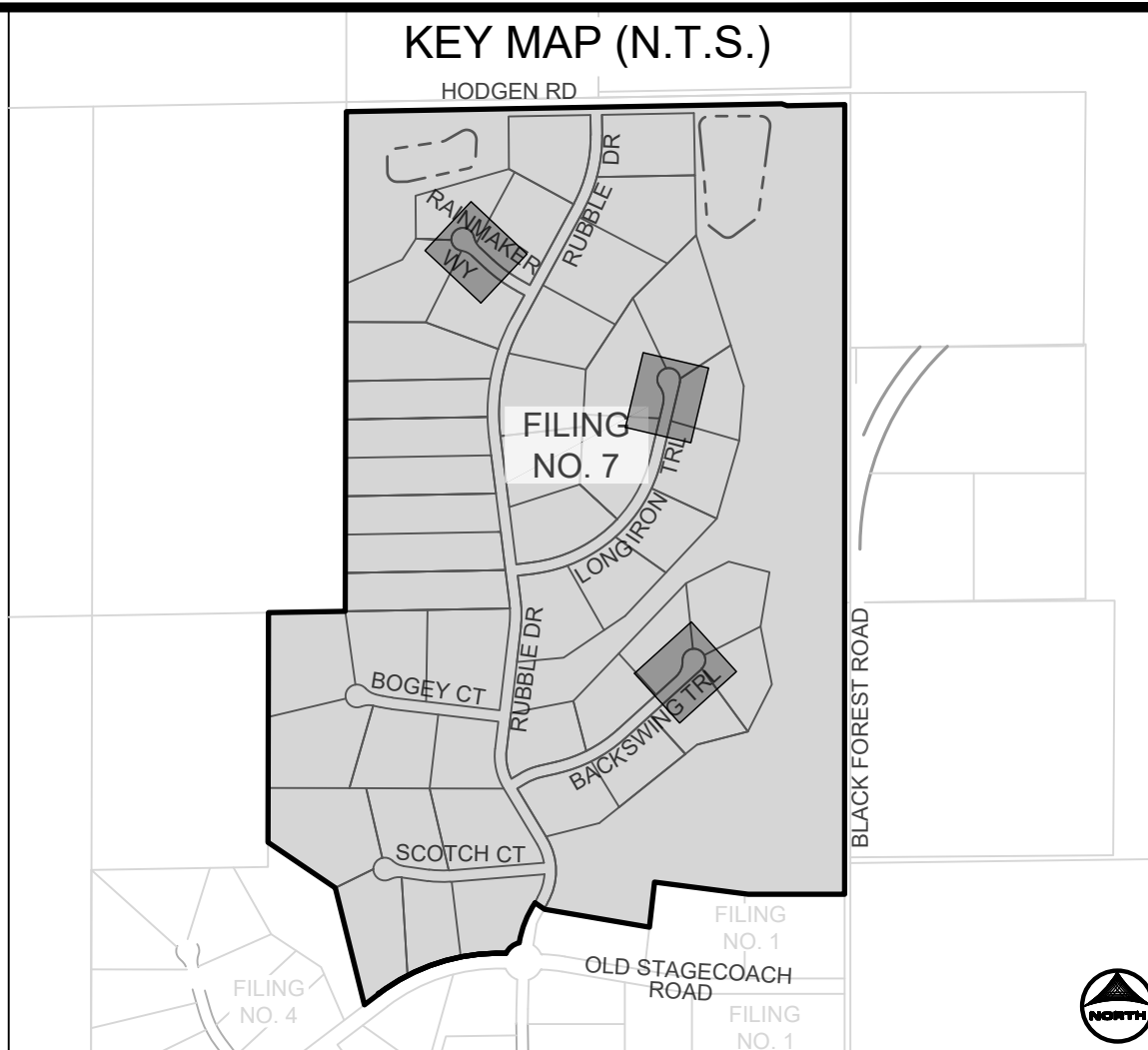
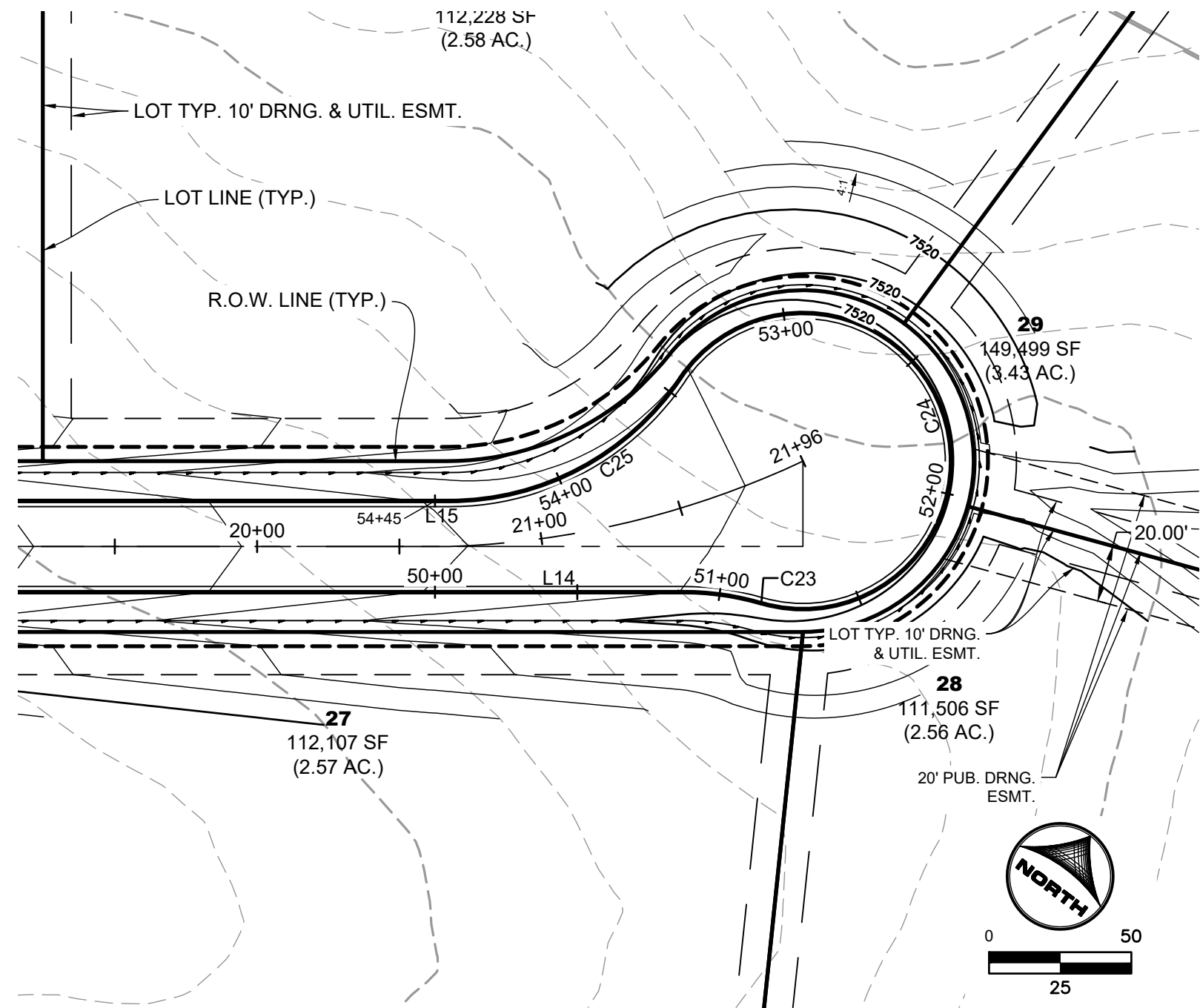
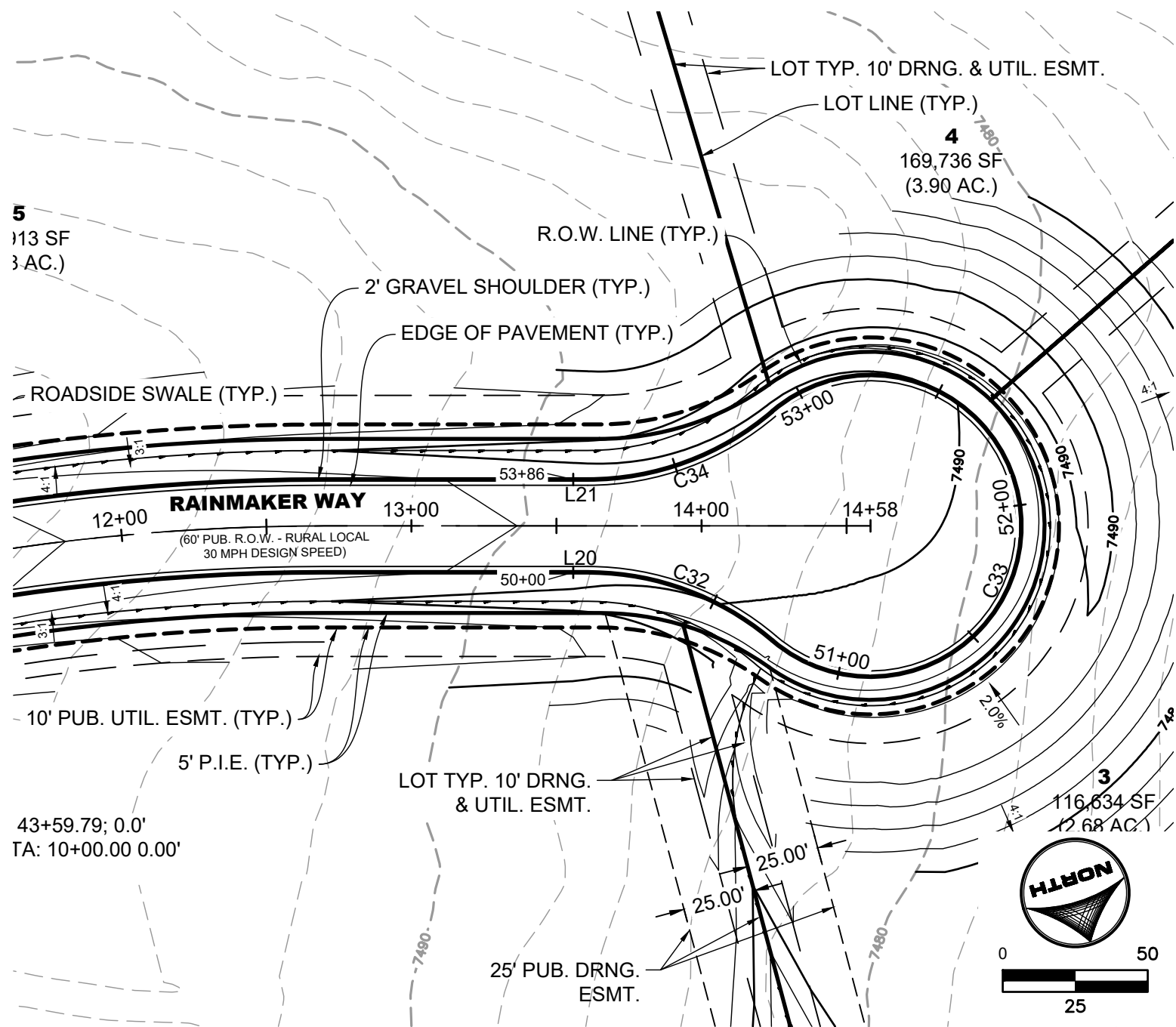
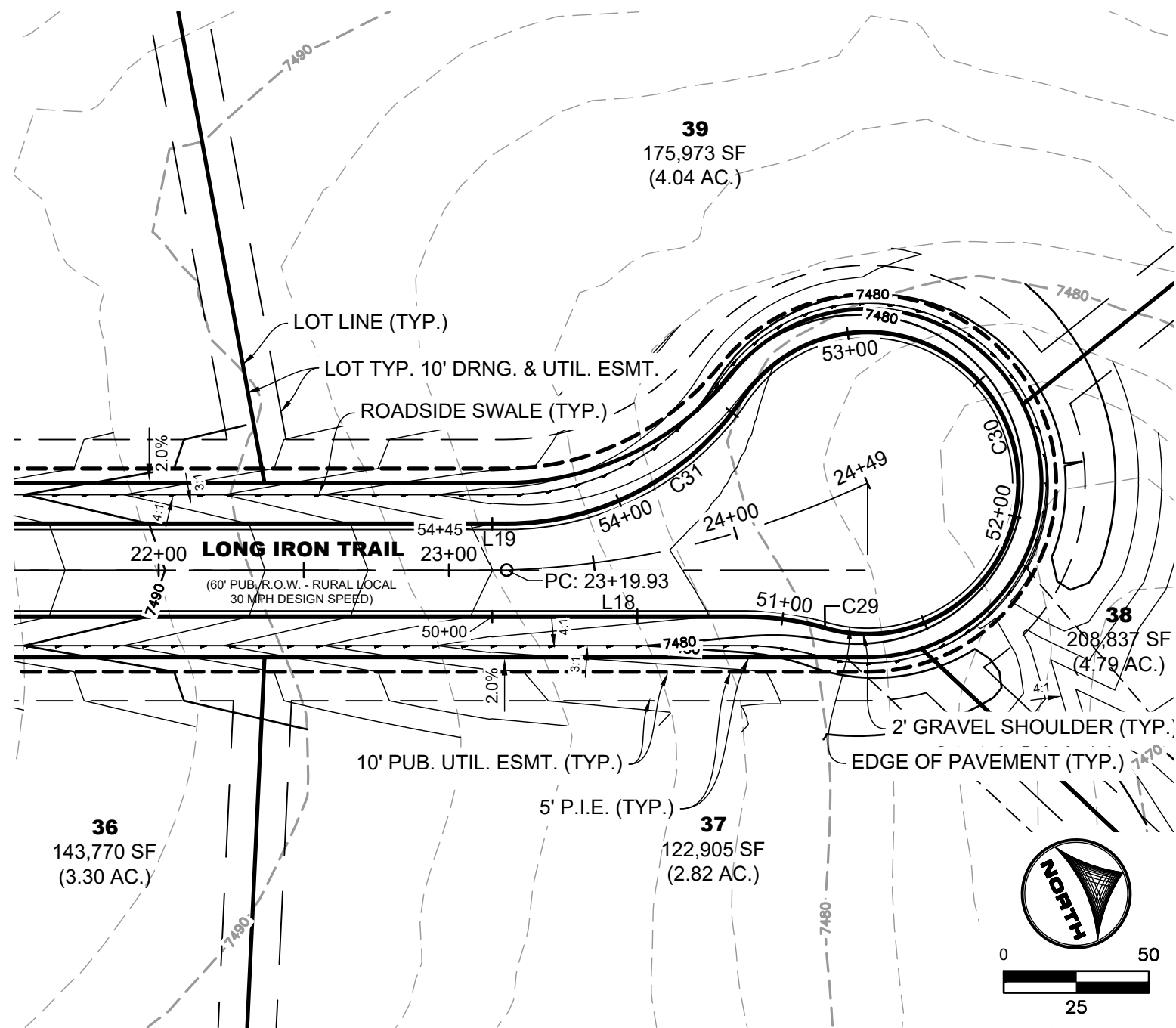
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FLYING HORSE NORTH FILING 7
PRI #2, LLC.
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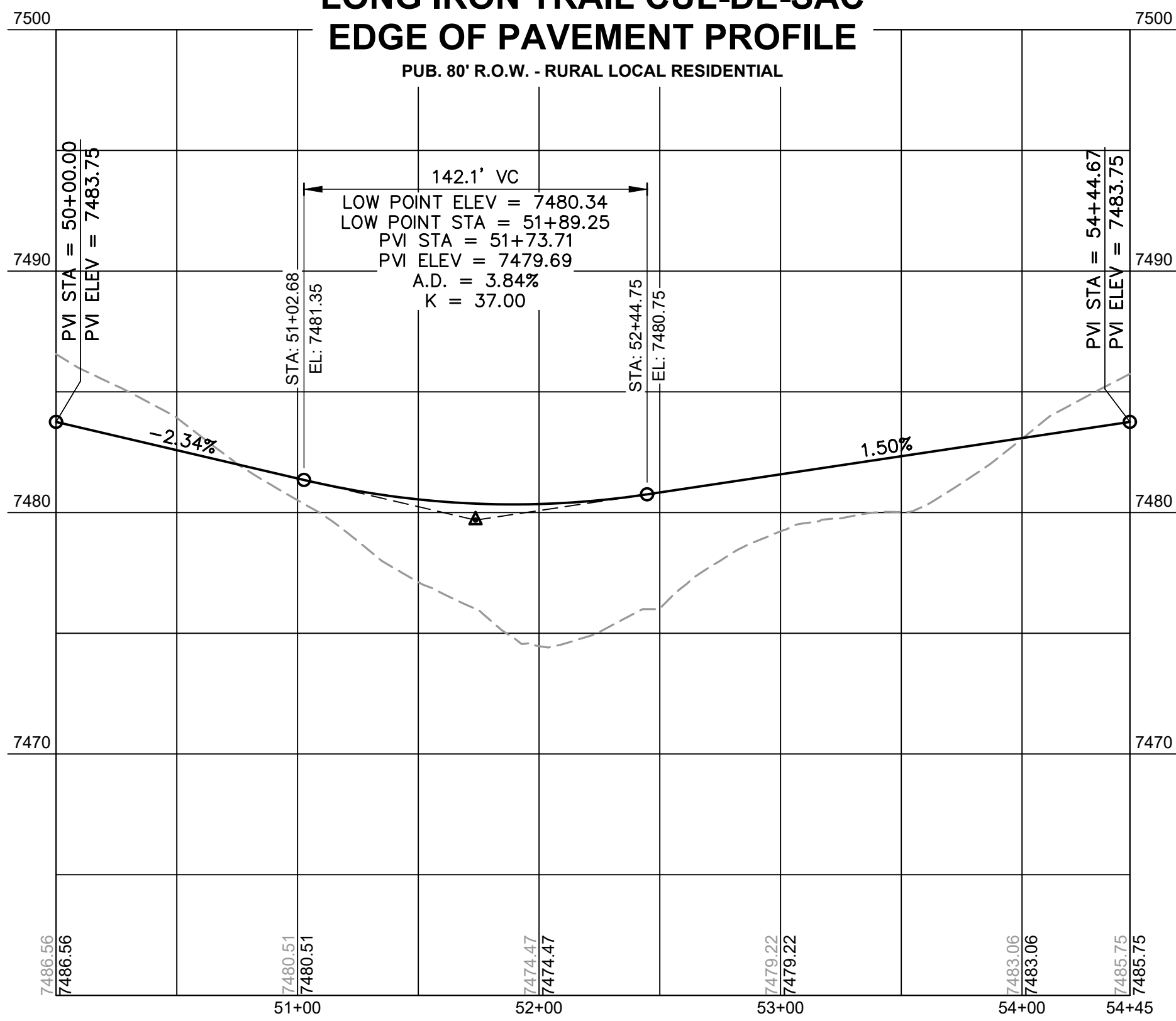
CONSTRUCTION DOCUMENTS
RUBBLE DRIVE

SHEET
ST
6



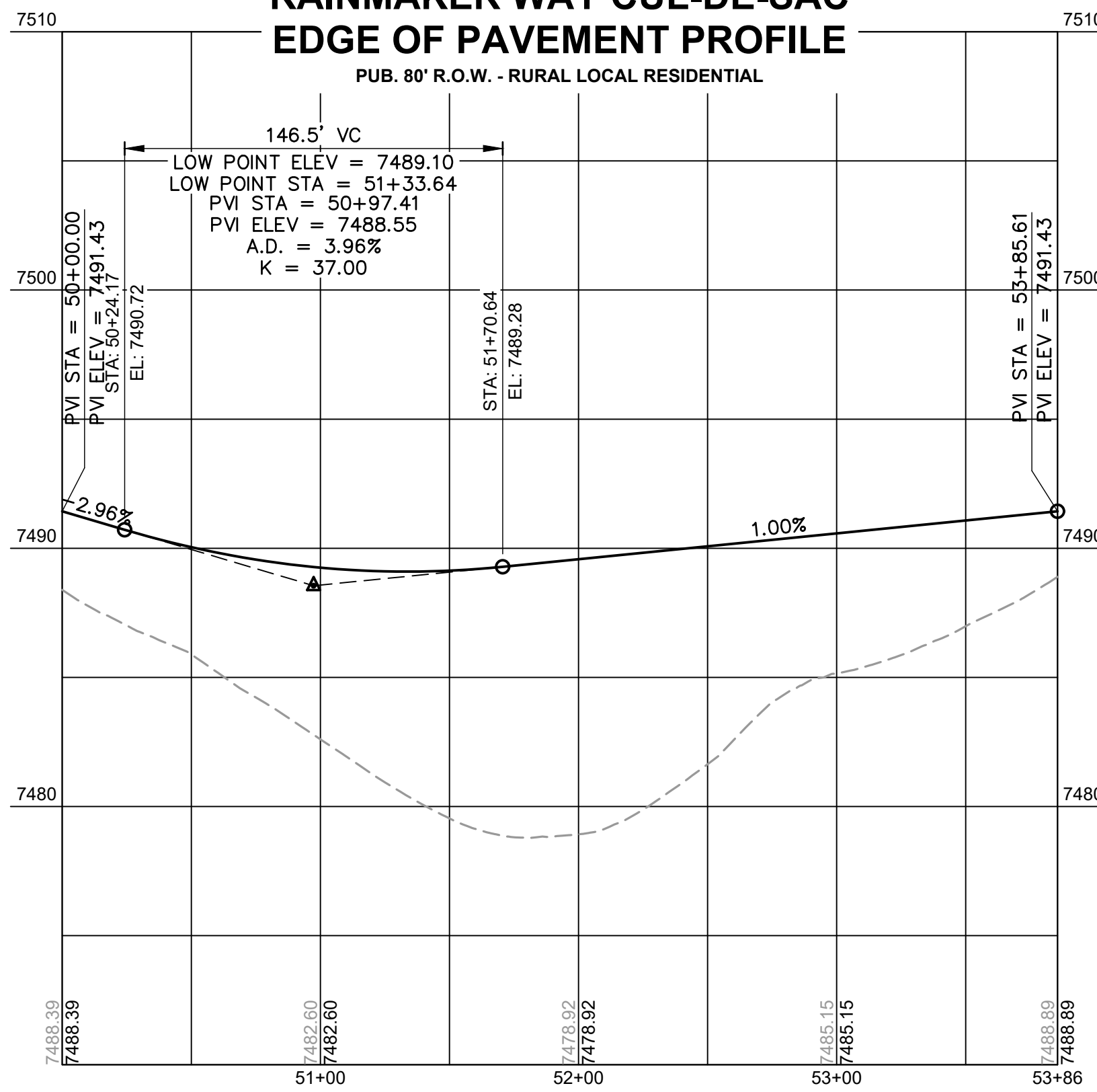
LONG IRON TRAIL CUL-DE-SAC EDGE OF PAVEMENT PROFILE

PUB. 80' R.O.W. - RURAL LOCAL RESIDENTIAL



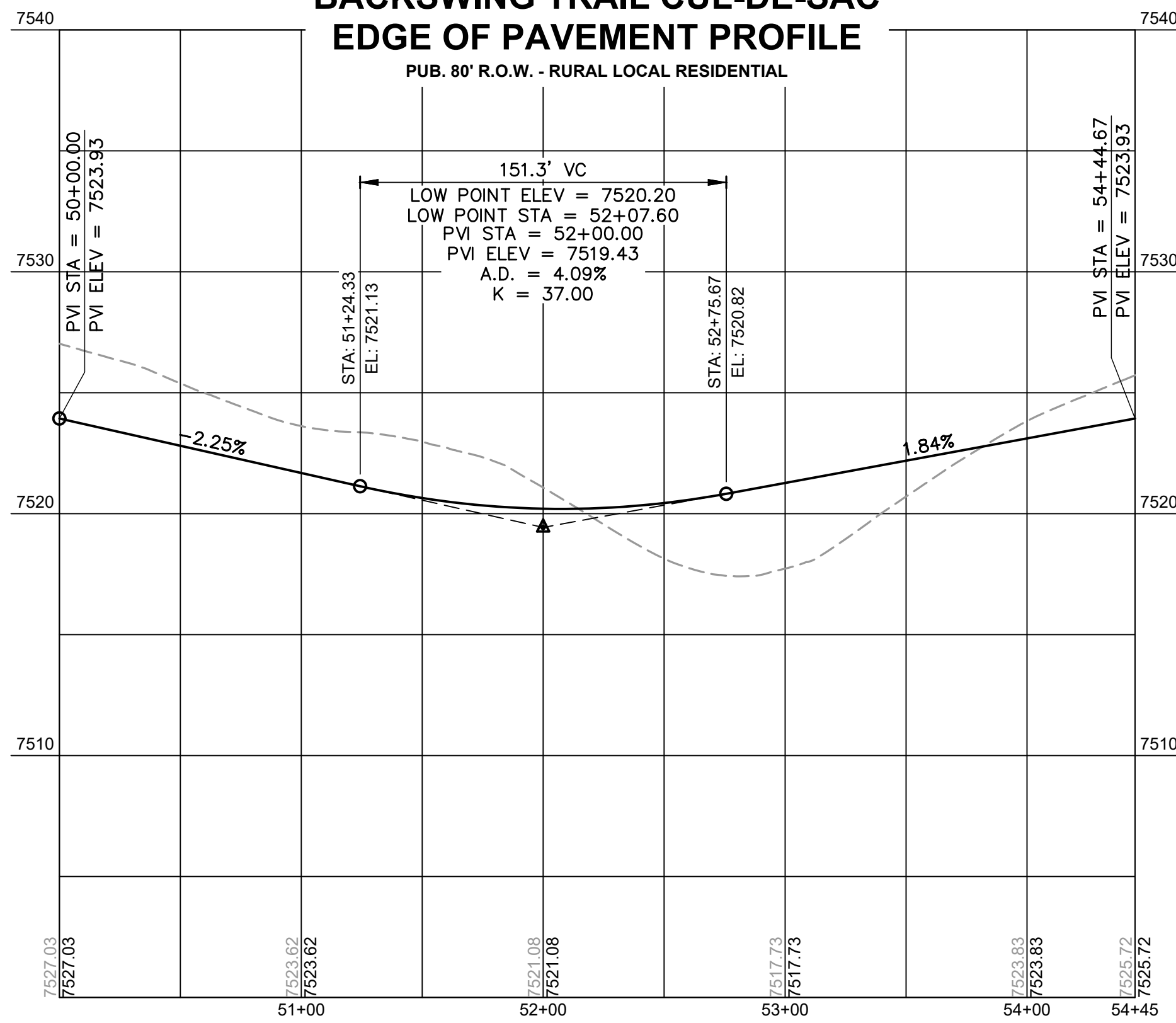
RAINMAKER WAY CUL-DE-SAC EDGE OF PAVEMENT PROFILE

PUB. 80' R.O.W. - RURAL LOCAL RESIDENTIAL

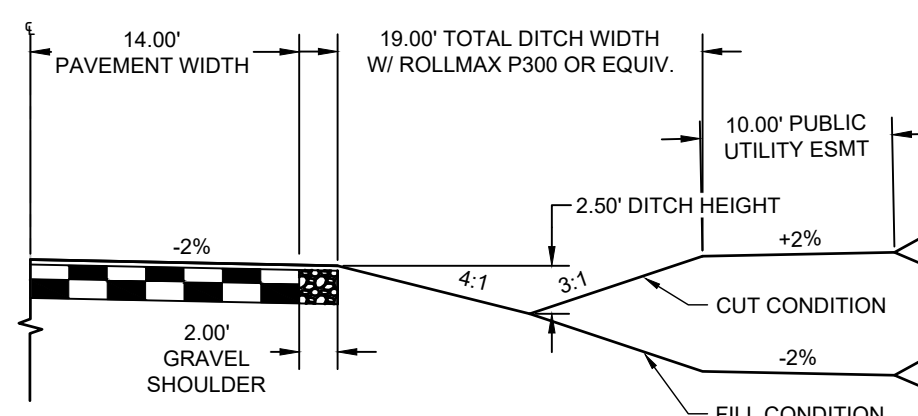


BACKSWING TRAIL CUL-DE-SAC EDGE OF PAVEMENT PROFILE

PUB. 80' R.O.W. - RURAL LOCAL RESIDENTIAL

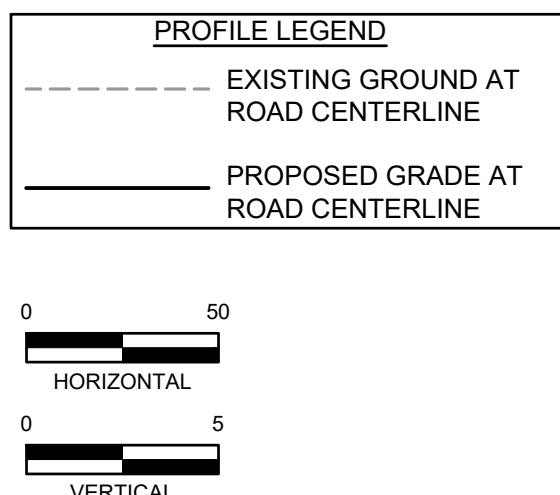
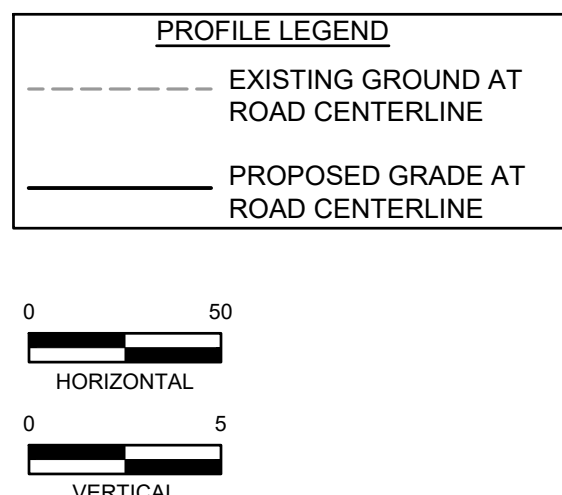
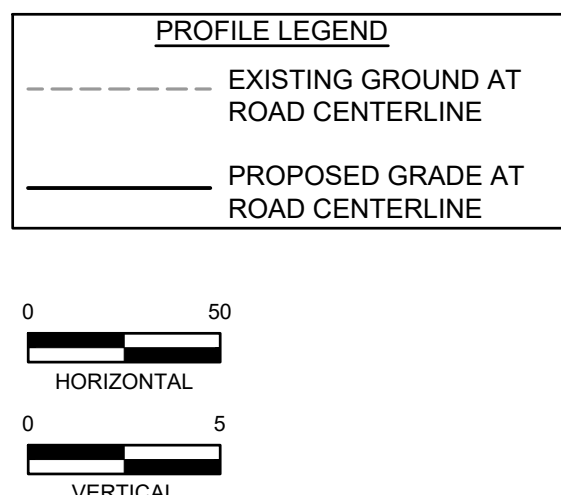


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RURAL LOCAL ROADWAY DITCH SECTION

SCALE: 1"=10'
(ROADS USING THIS SECTION: SCOTCH CT, BACKSWING TRAIL, BOGET CT, LONGIRON TRAIL AND RAINMAKER WAY INCLUDING CUL-DE-SACS)



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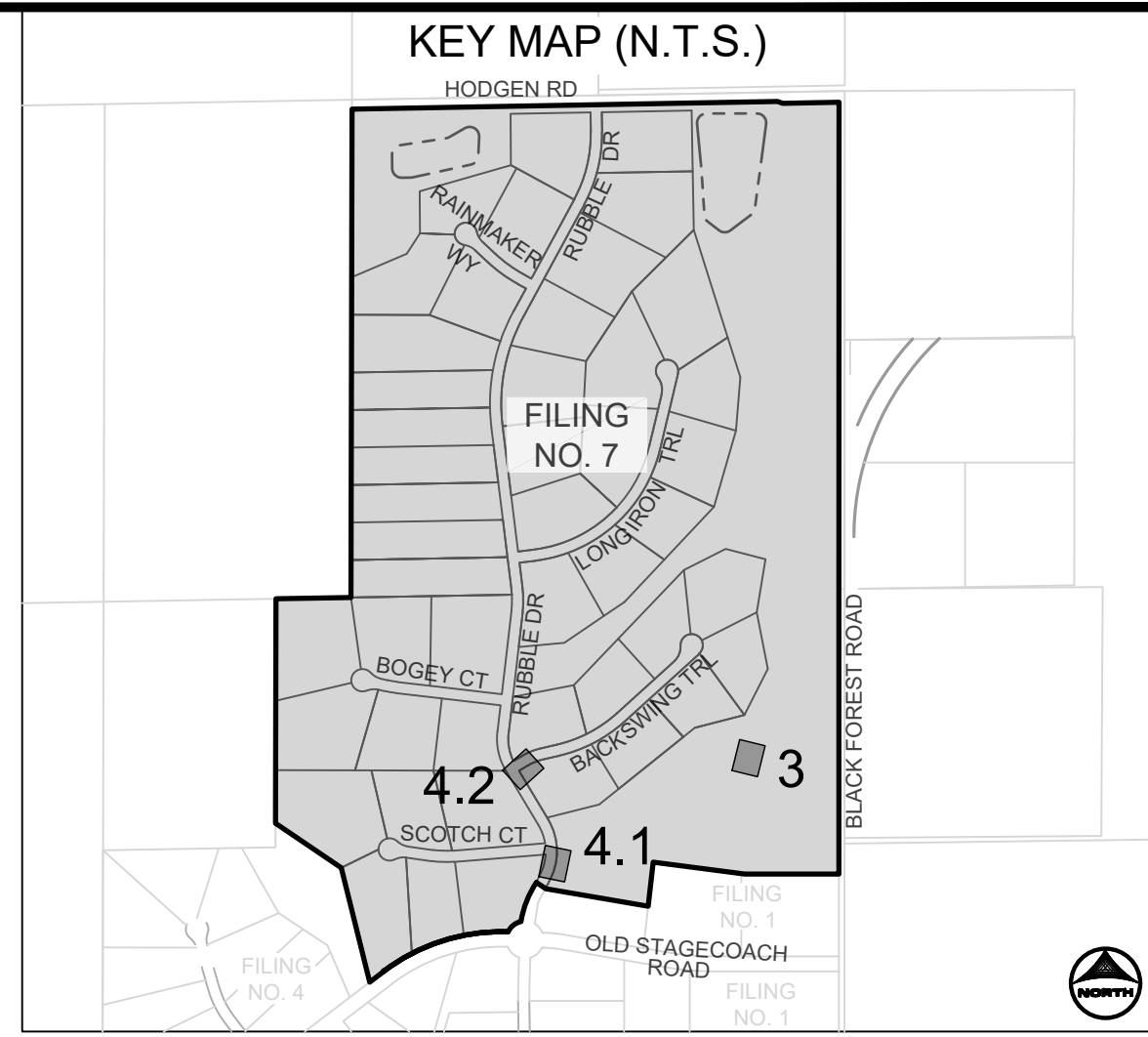
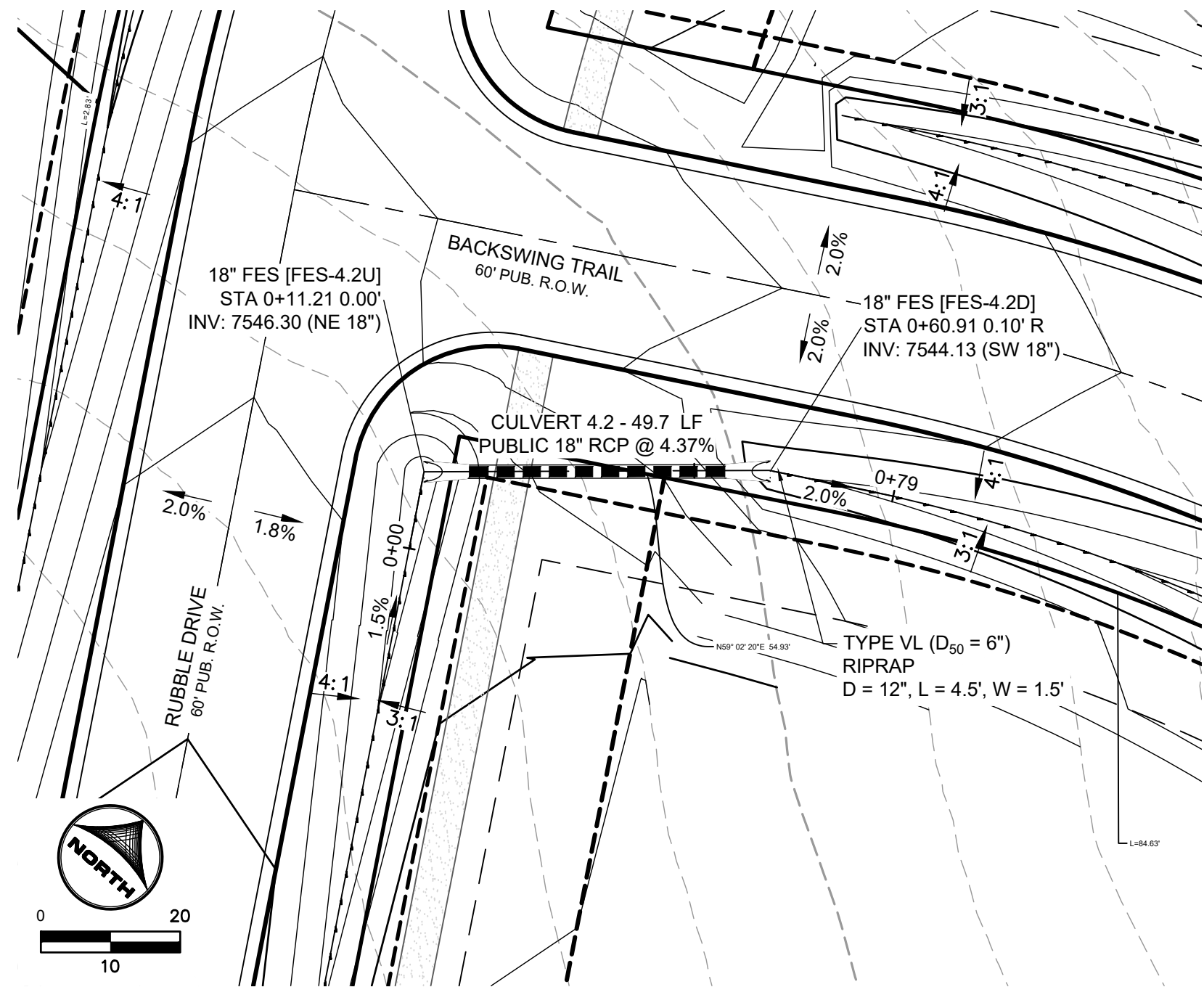
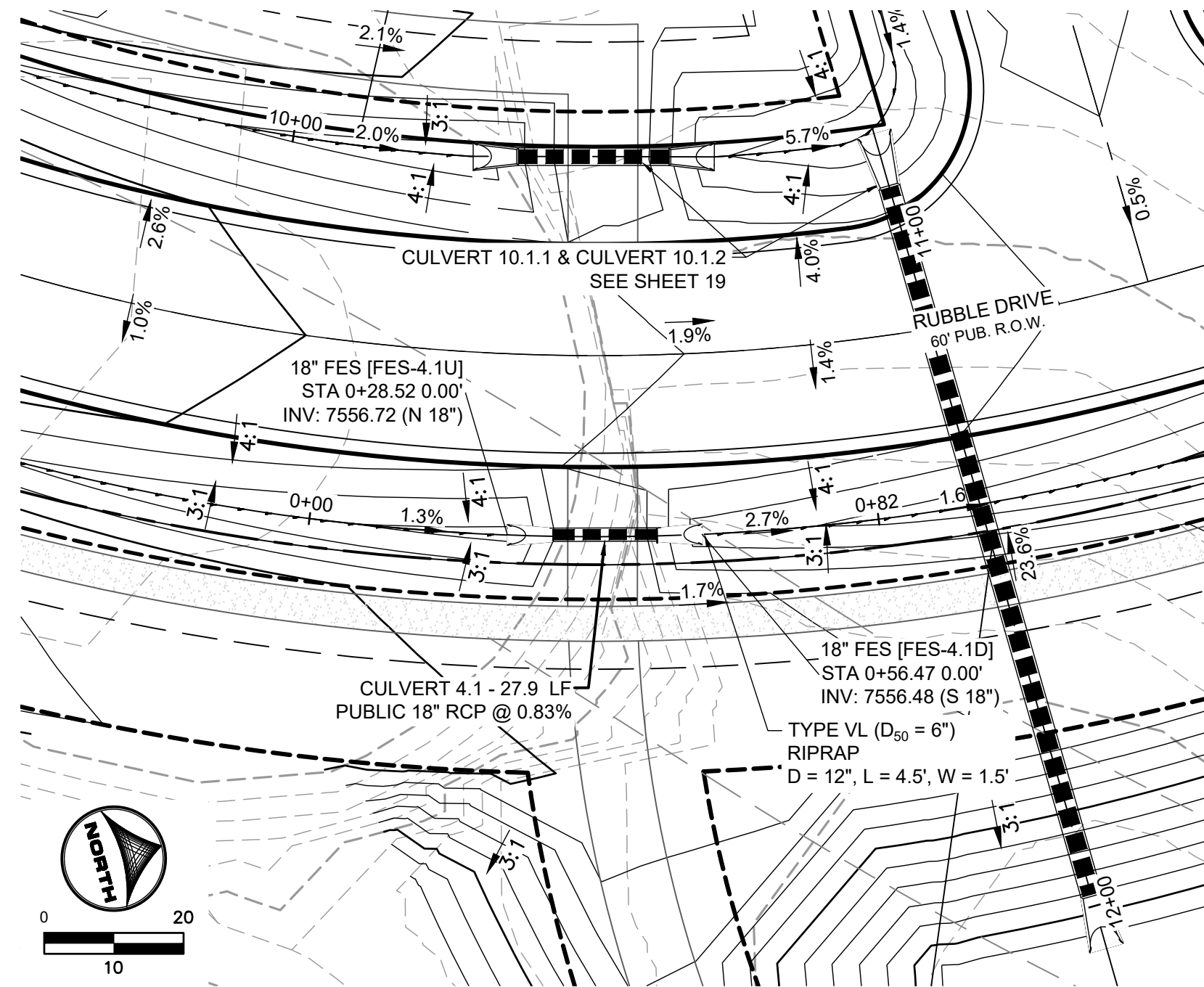
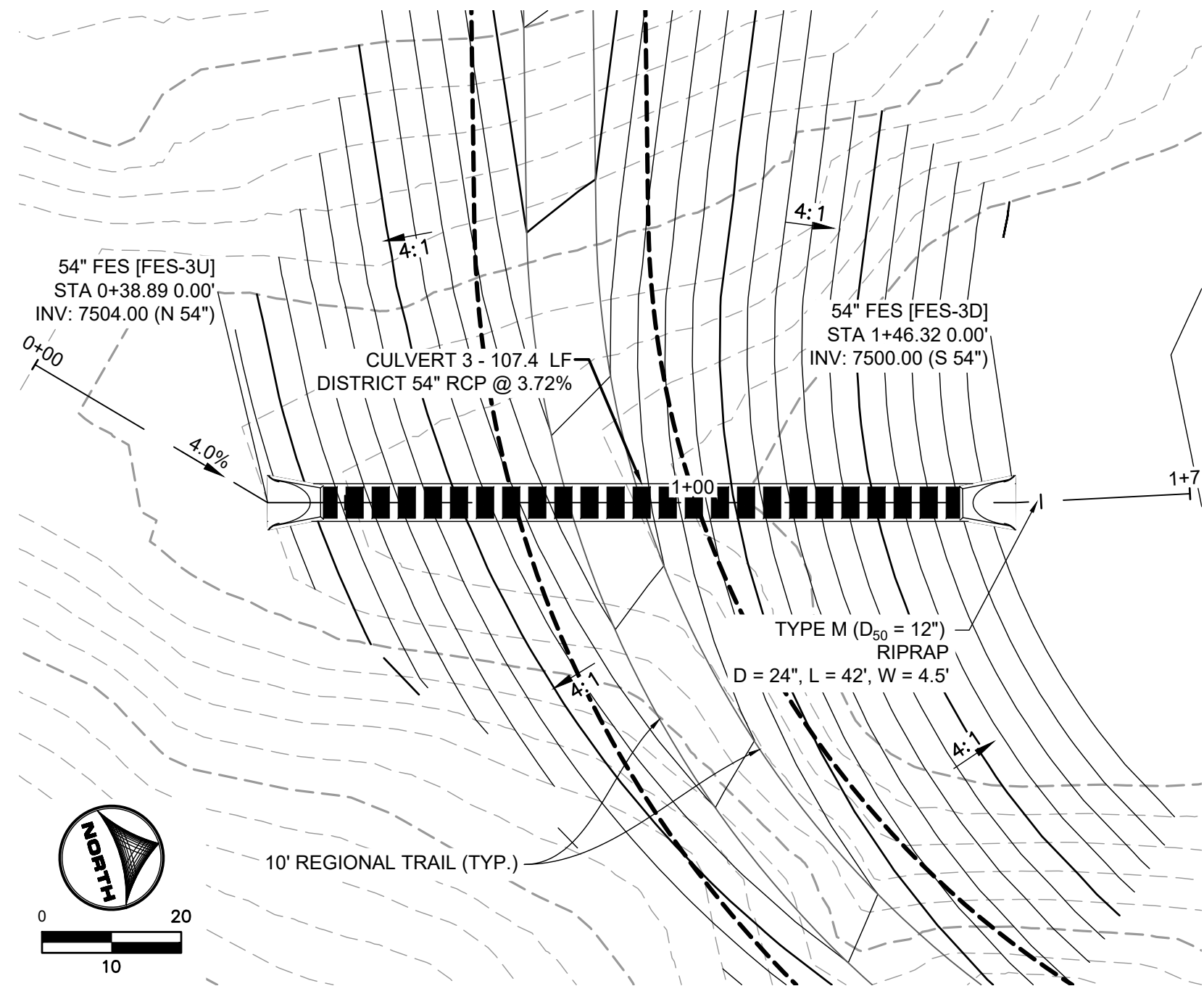
HRGreen
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

FLYING HORSE NORTH FILING 7
PRI #2, LLC.
EL PASO COUNTY, CO

CONSTRUCTION DOCUMENTS
CUL-DE-SAC DETAILS

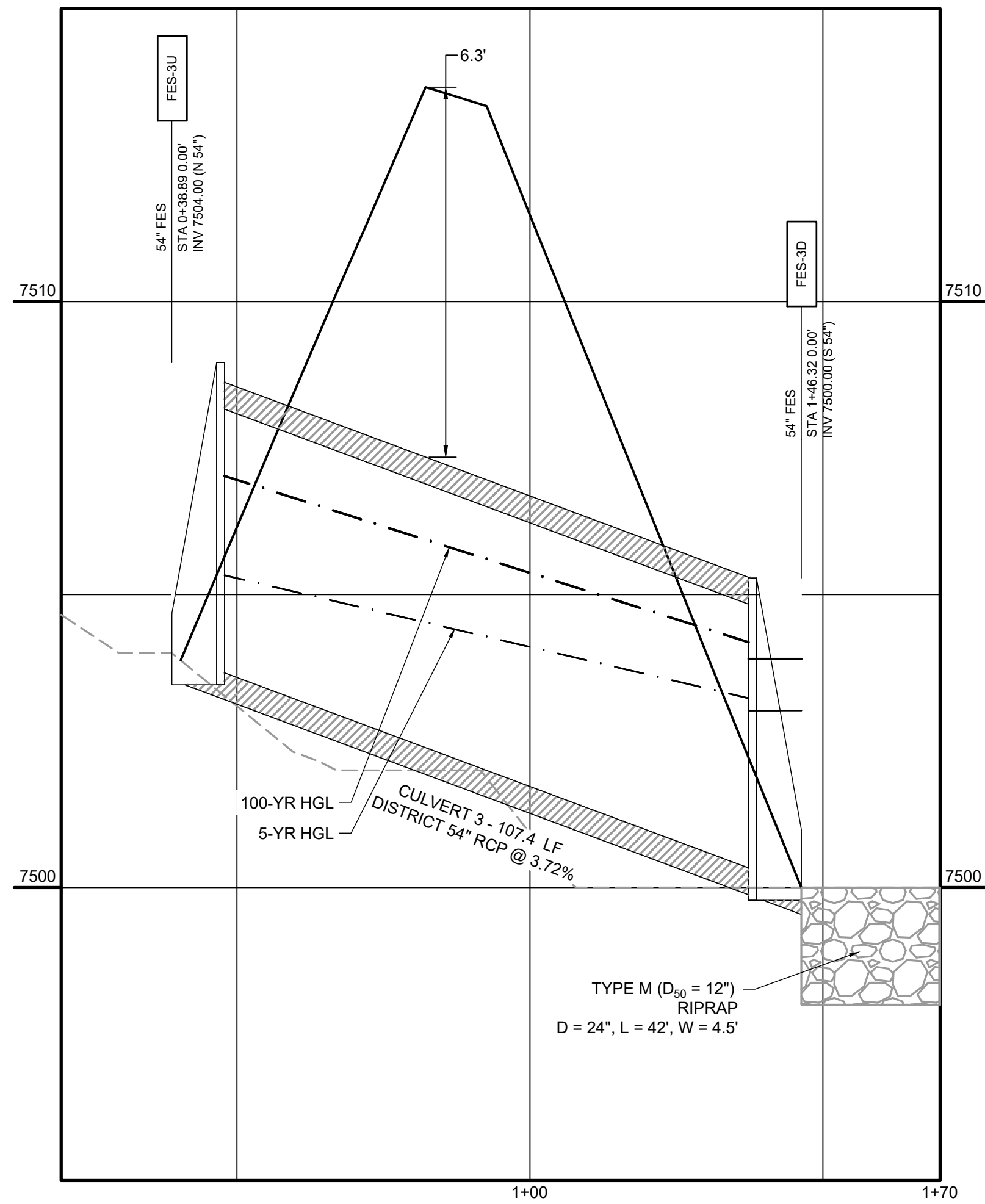
SHEET
ST

14



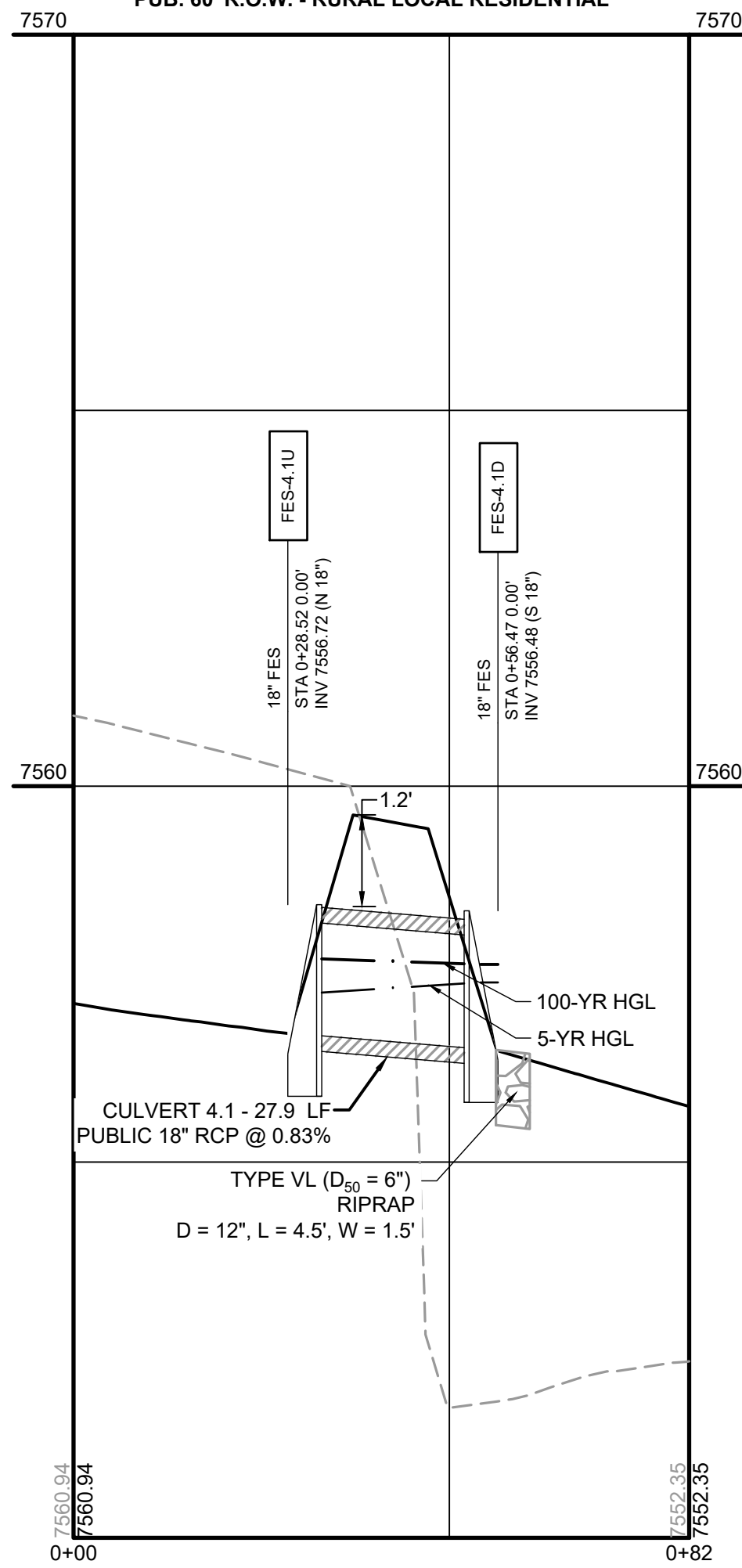
CULVERT 3

DISTRICT STORM CULVERT PIPE WITHIN NATURAL CHANNEL



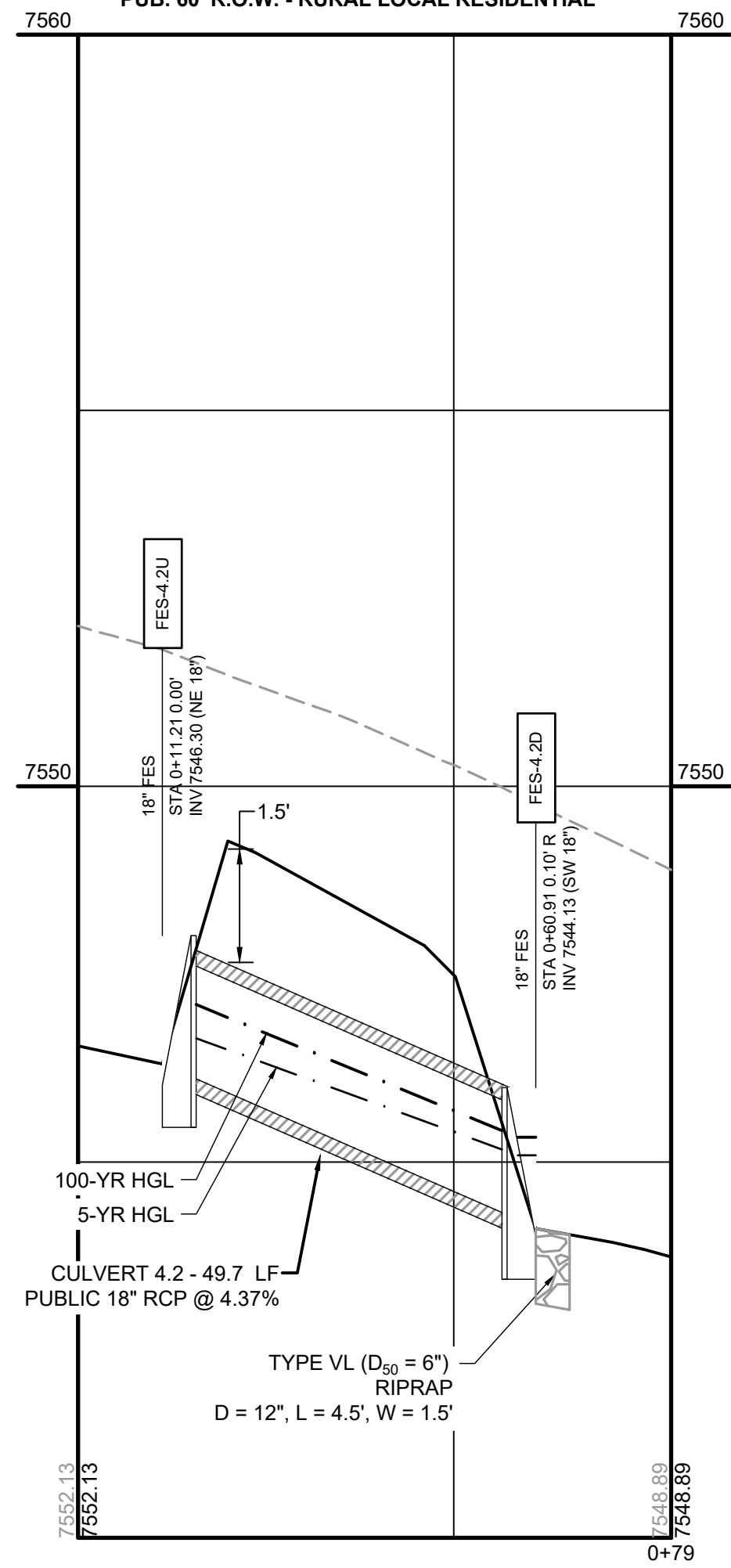
CULVERT 4.1

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

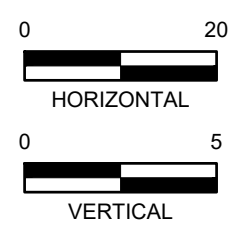


CULVERT 4.2

PUB. STORM CULVERT PIPE NEAR BACKSWING TRAIL
PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL



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



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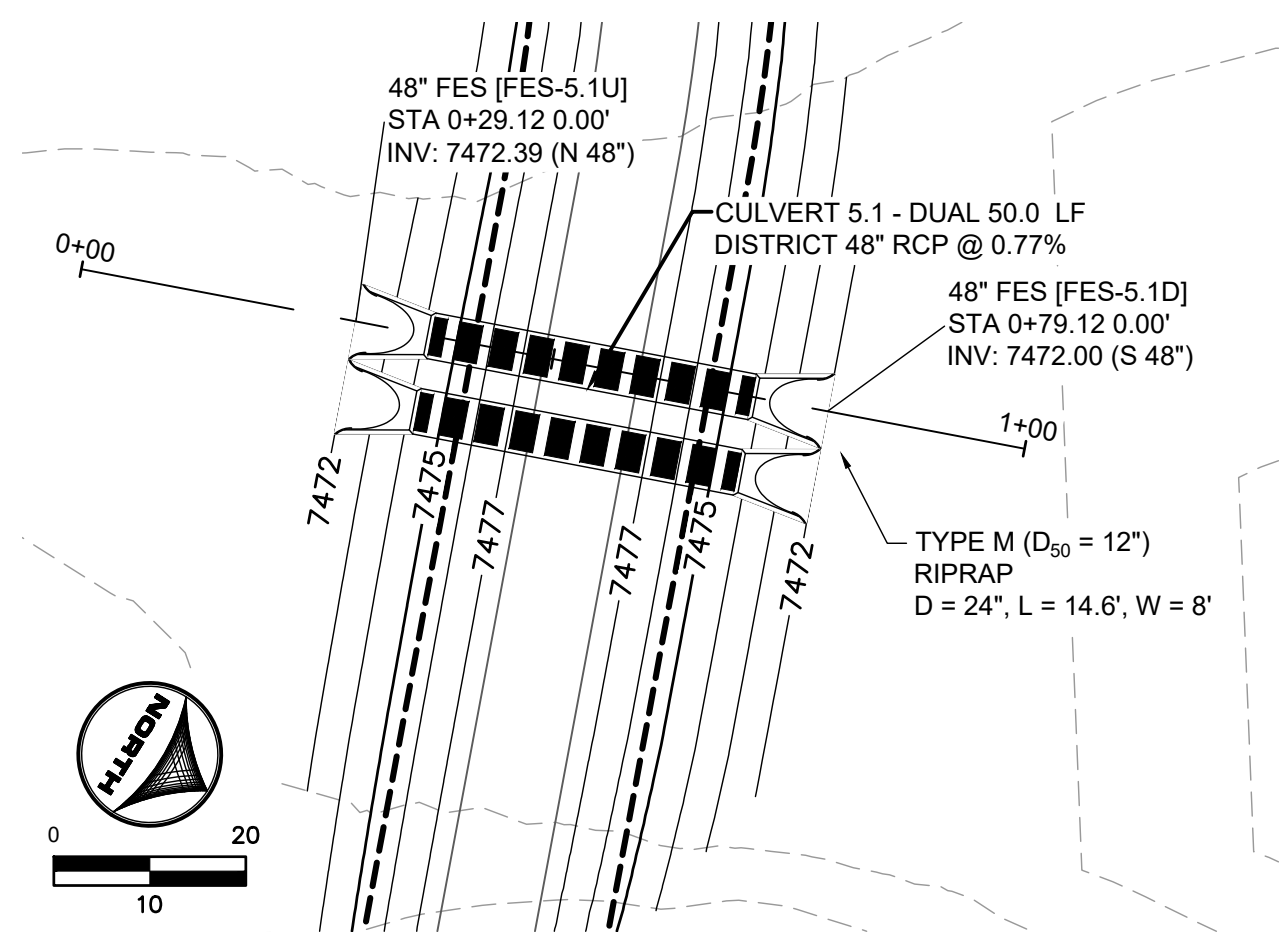
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS, CO 80920
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FLYING HORSE NORTH FILING 7
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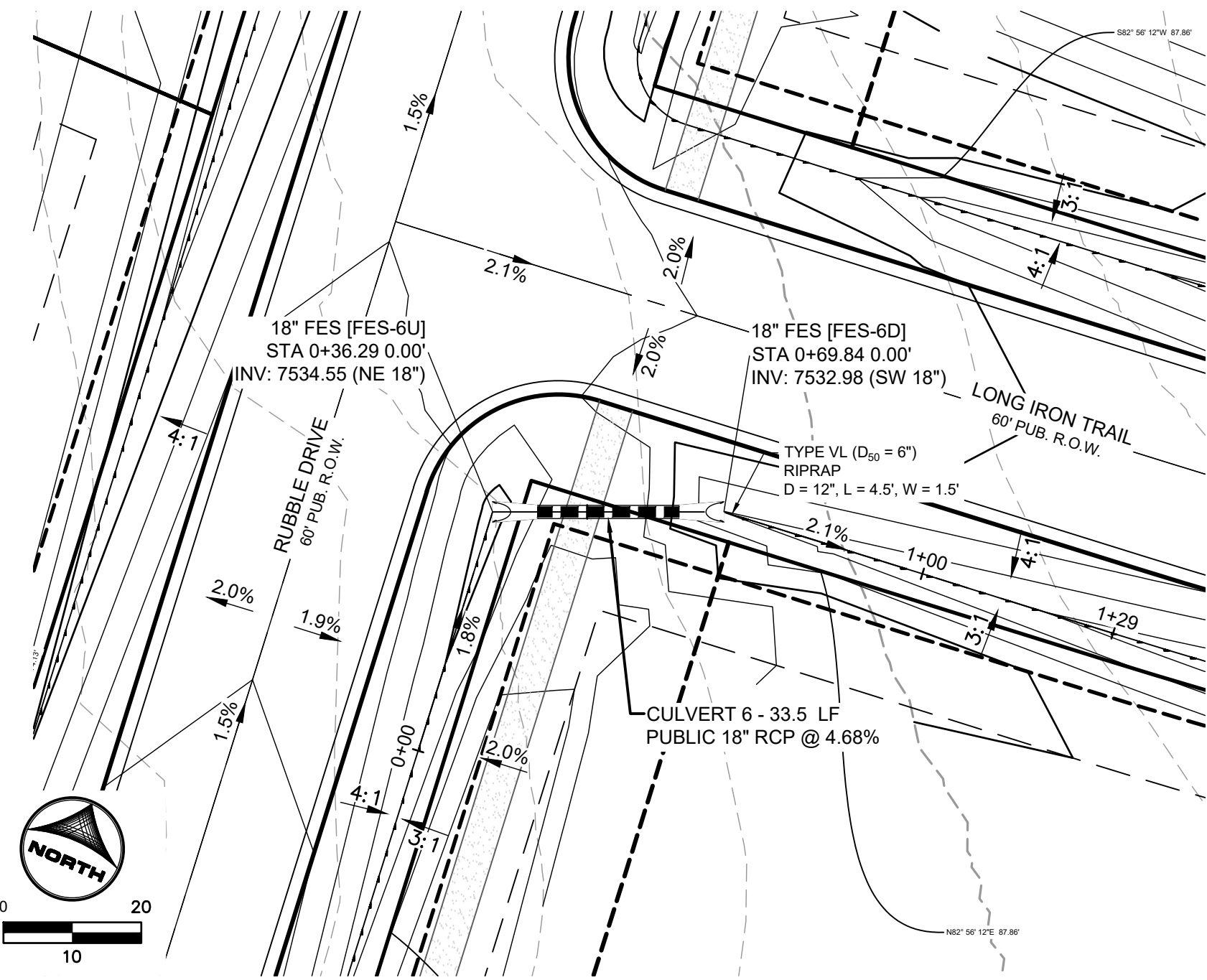
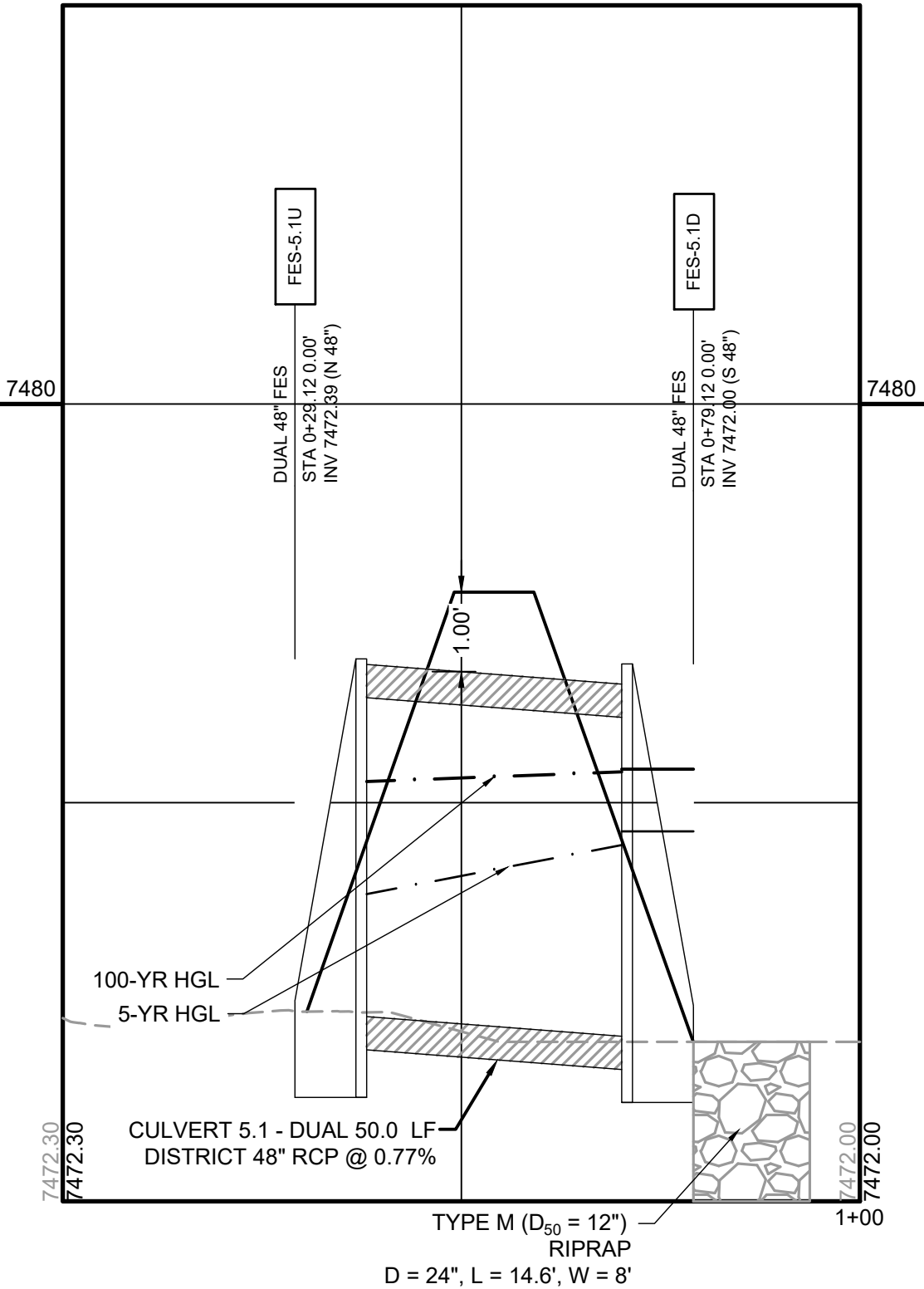
CONSTRUCTION DOCUMENTS
STORM CULVERTS I

SHEET
STM

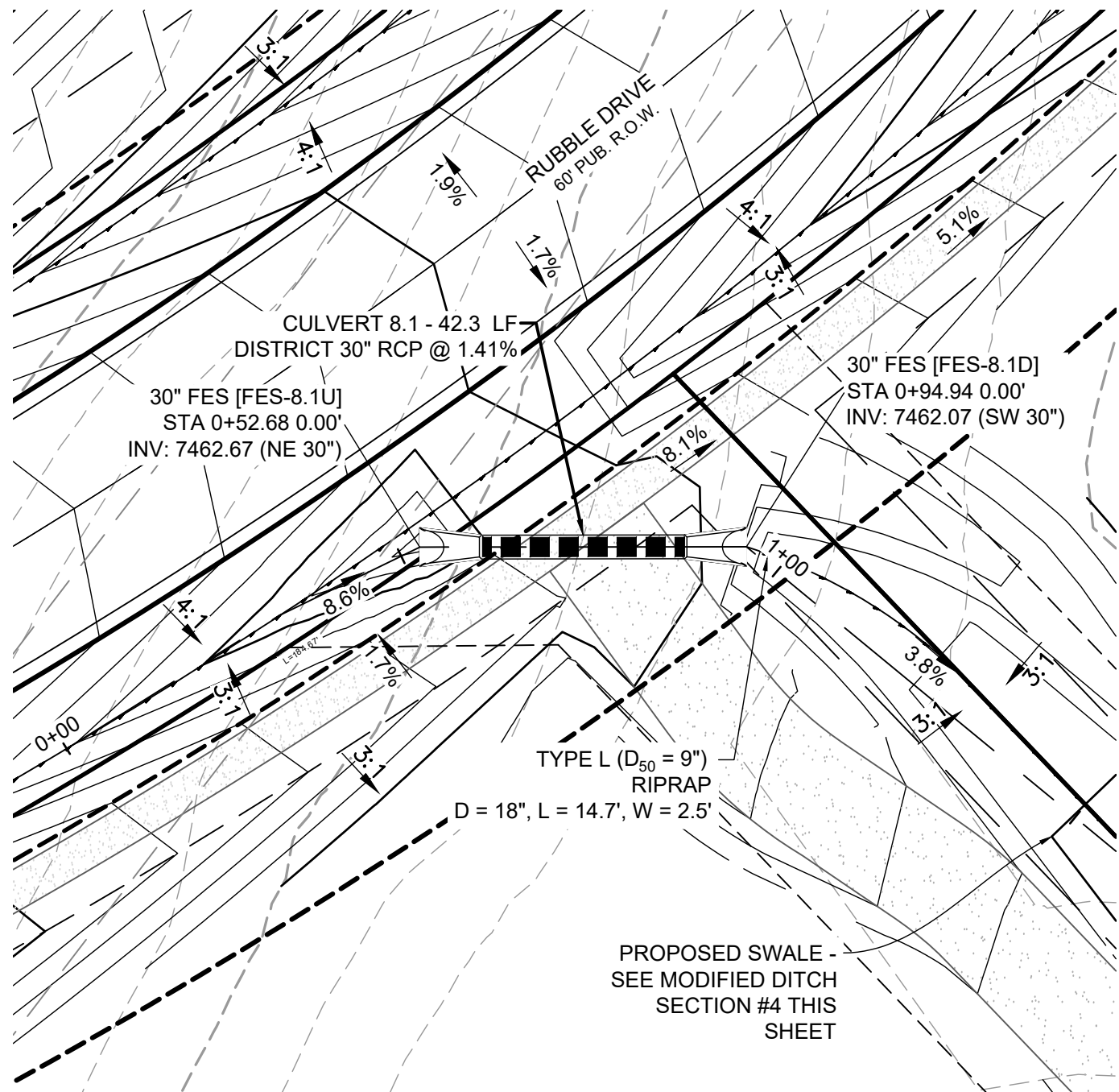
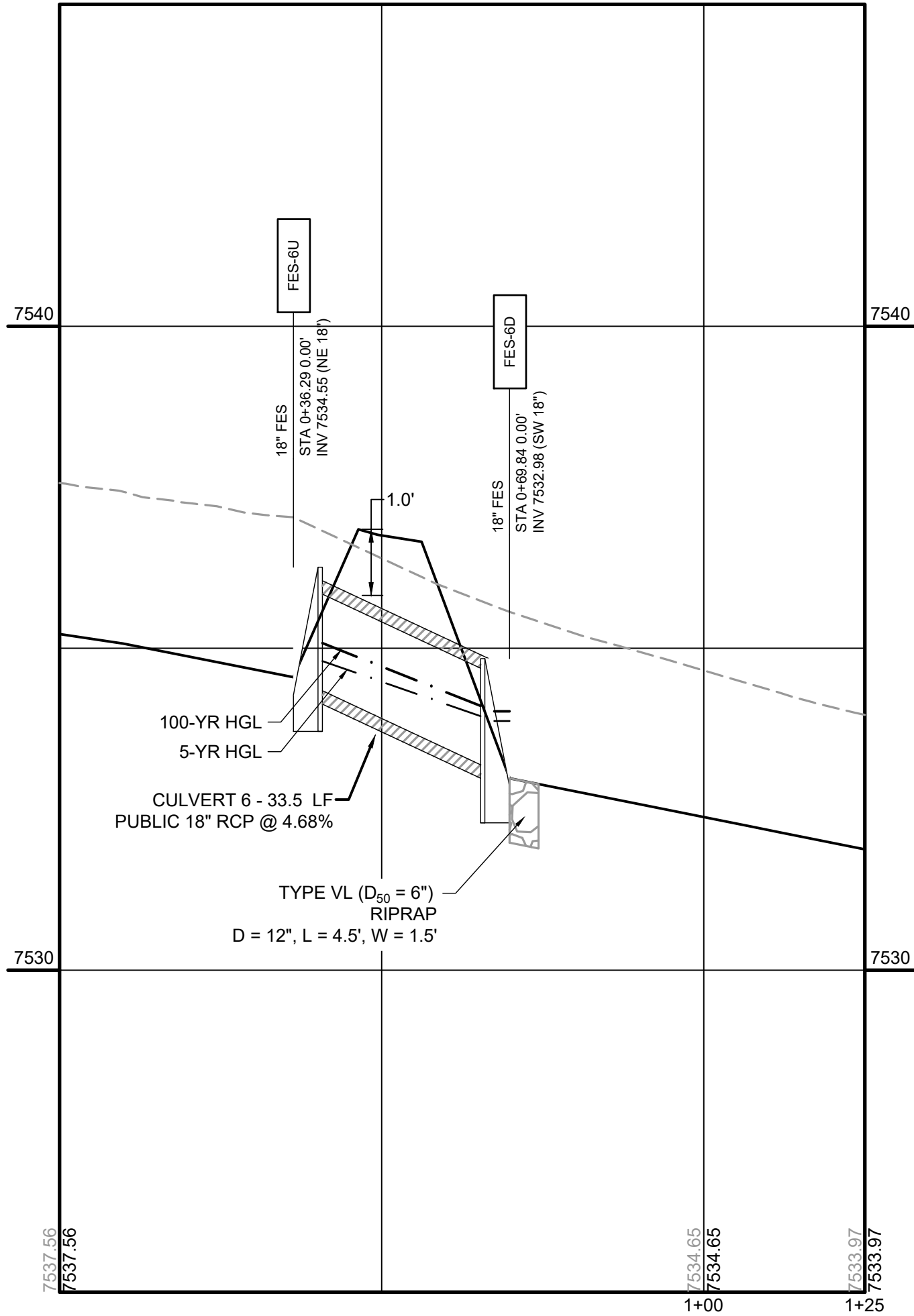
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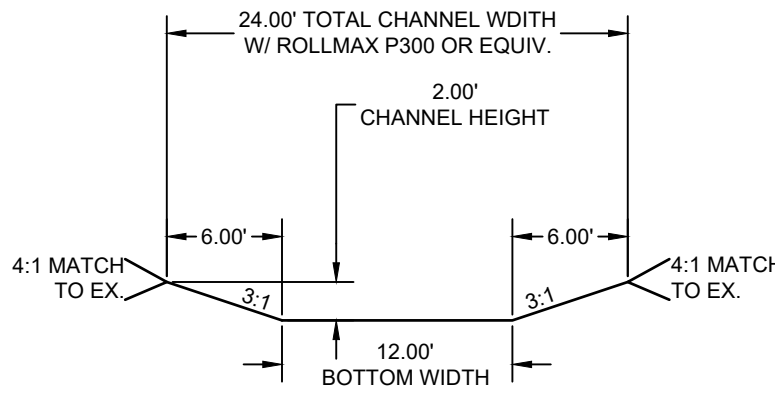
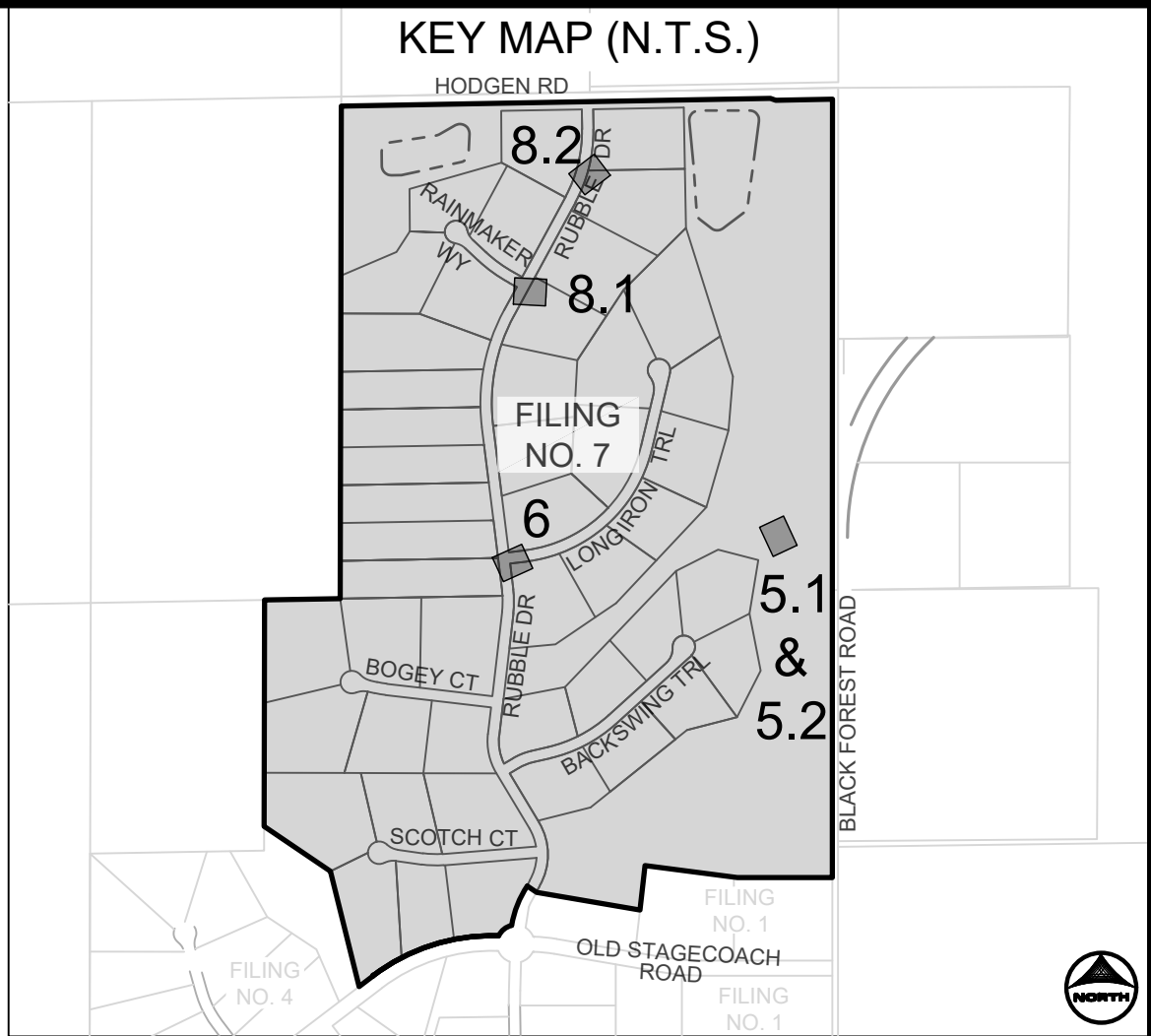
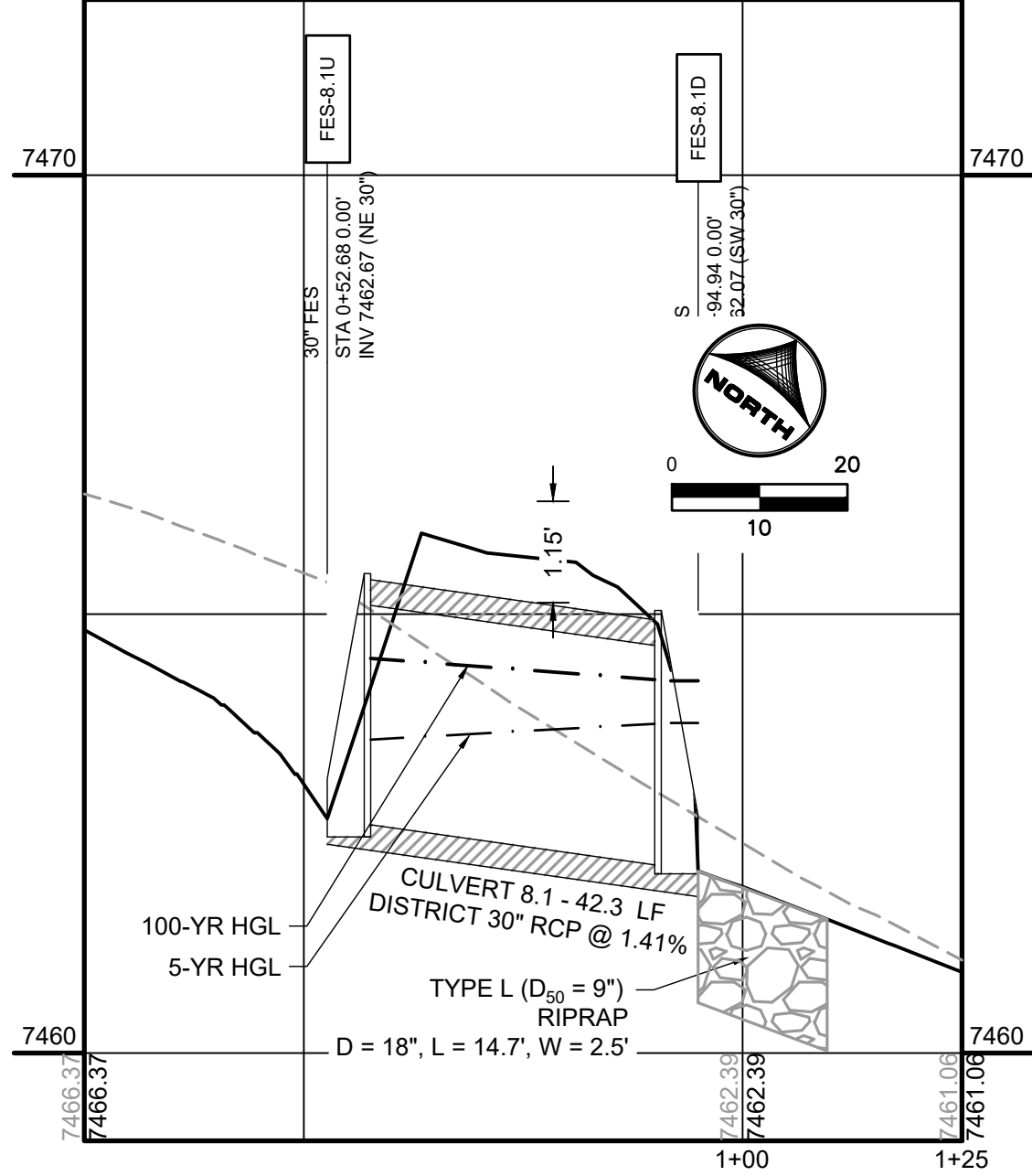
CULVERT 5.1 & CULVERT 5.2
DISTRICT STORM CULVERT PIPE WITHIN TRACT A



CULVERT 6
PUB. STORM CULVERT PIPE NEAR LONG IRON TRAIL
PUB. 60' R.O.W. - RURAL LOCAL RESIDENTIAL



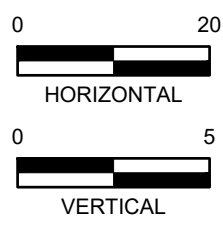
CULVERT 8.1
DISTRICT CULVERT PIPE WITHIN EASEMENT



MODIFIED DITCH SECTION #4

SCALE: 1"=10'

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



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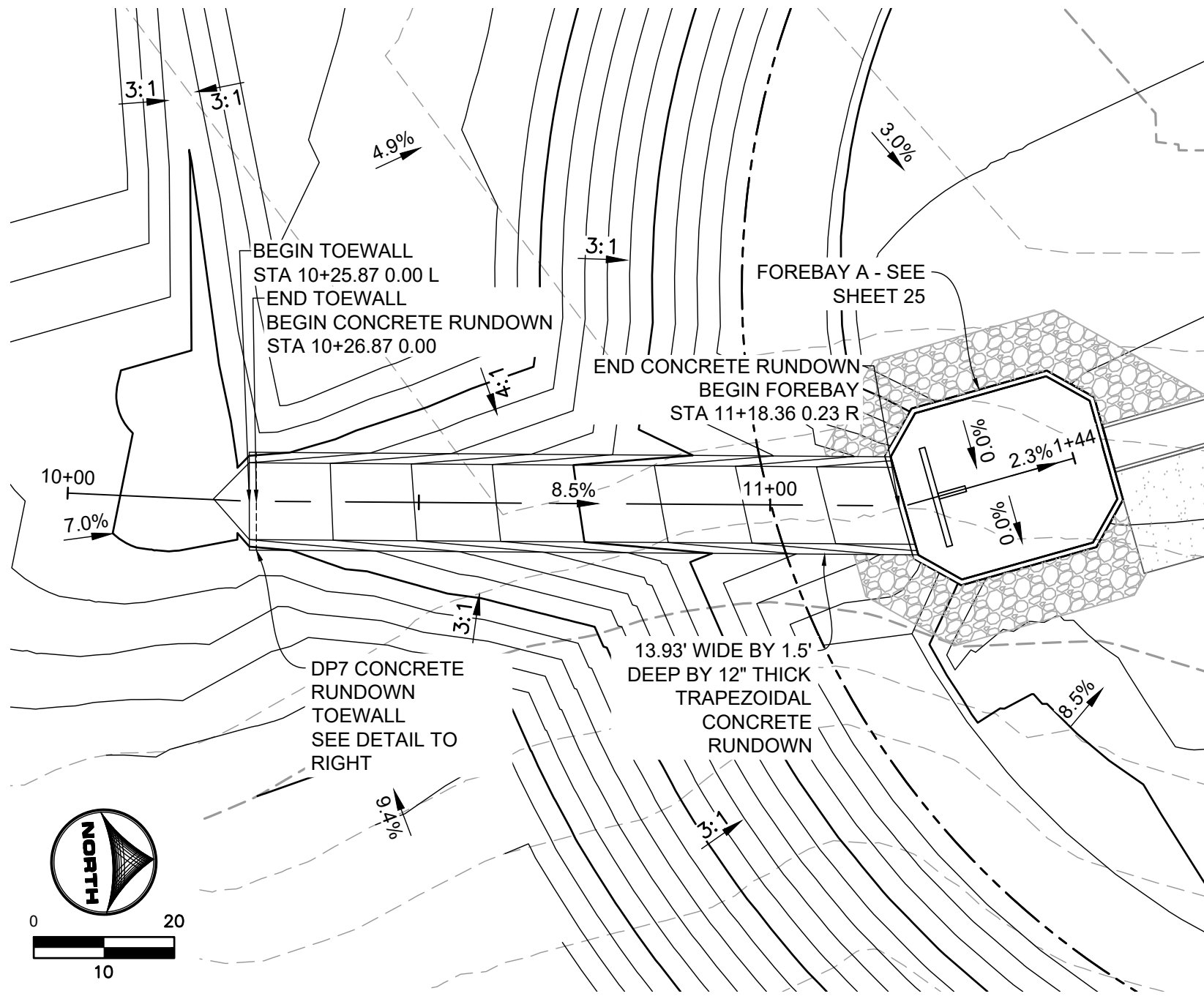
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
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FLYING HORSE NORTH FILING 7
PRI #2, LLC.
EL PASO COUNTY, CO

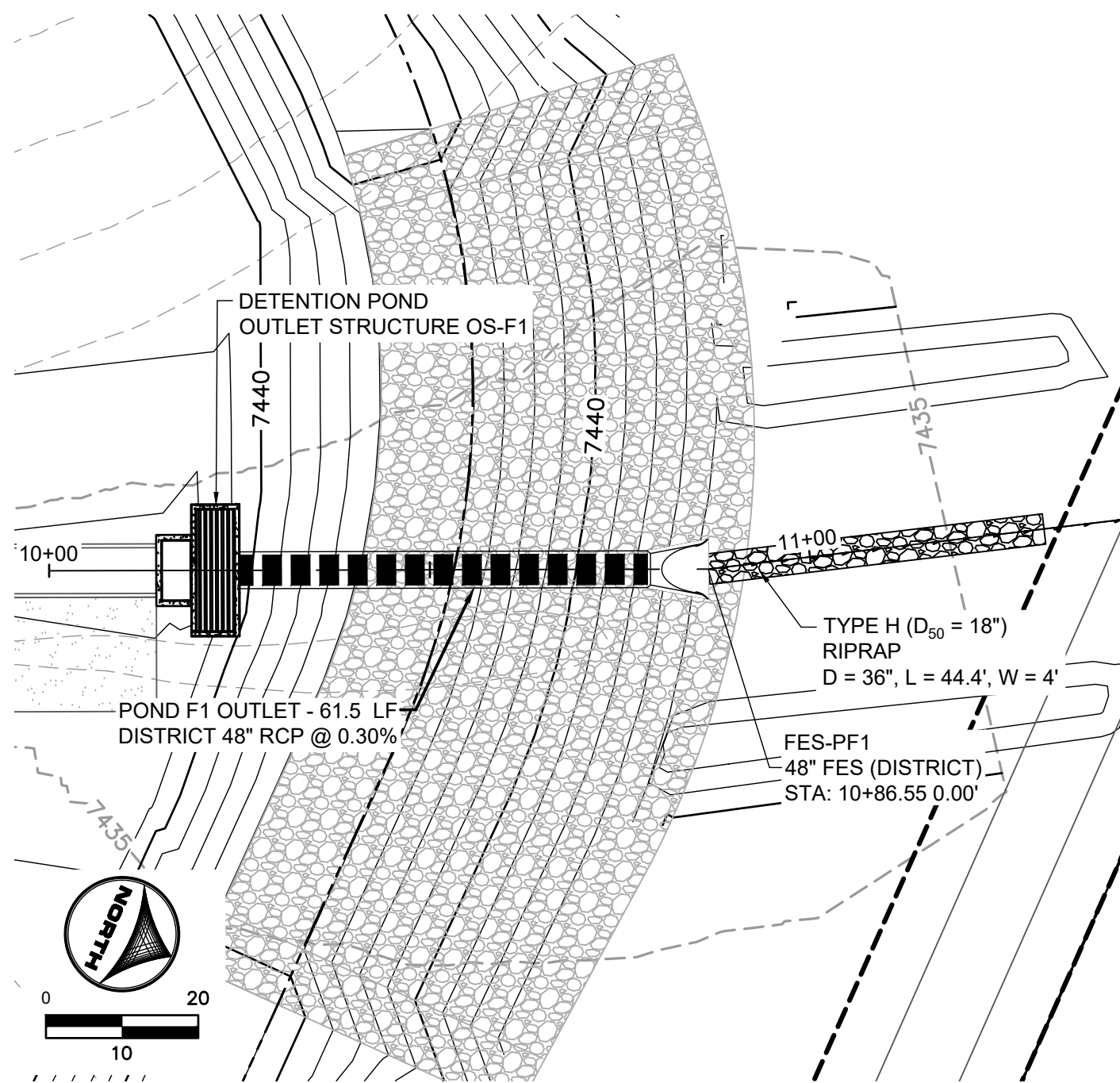
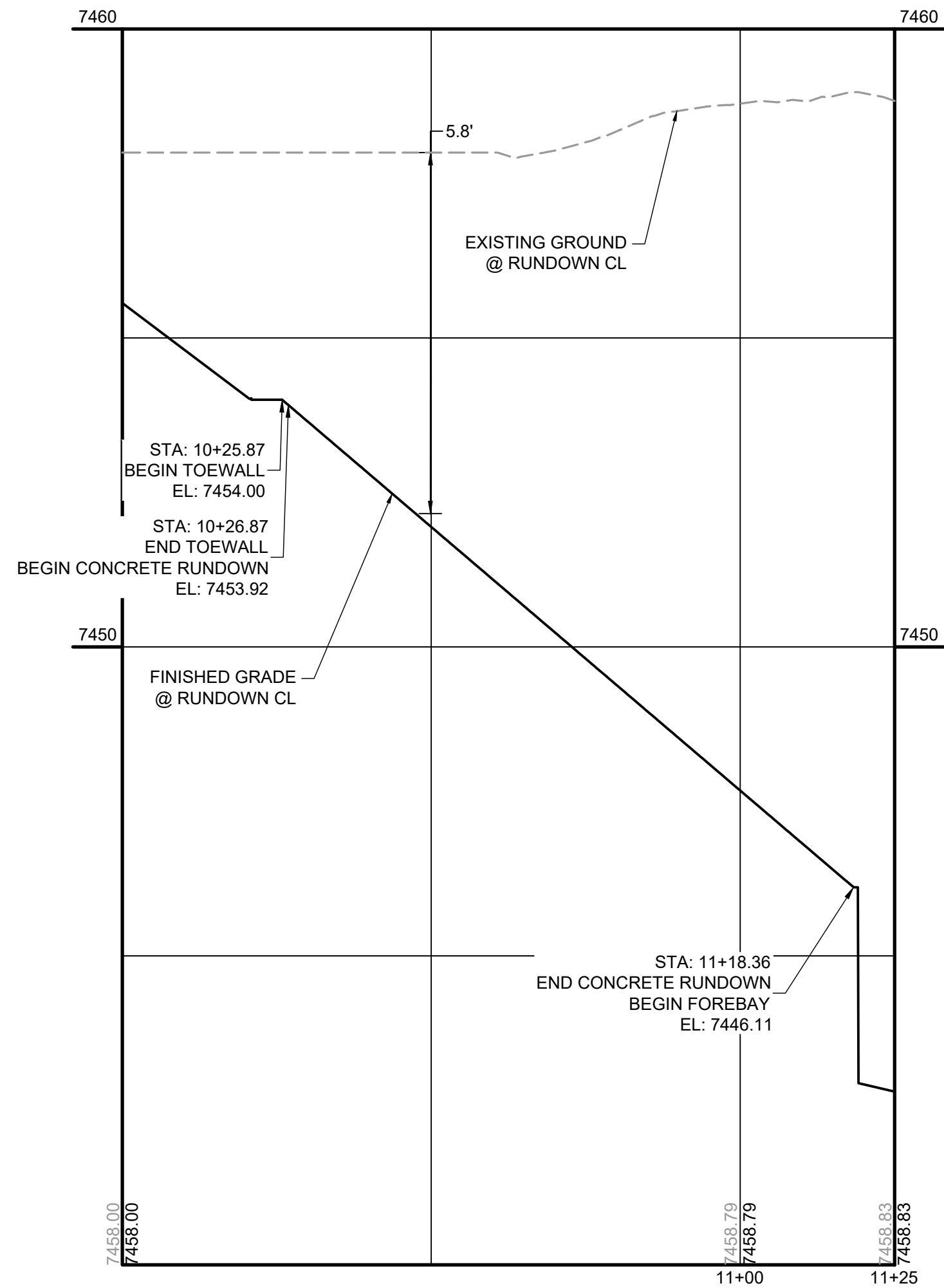
CONSTRUCTION DOCUMENTS
STORM CULVERTS II

SHEET
STM

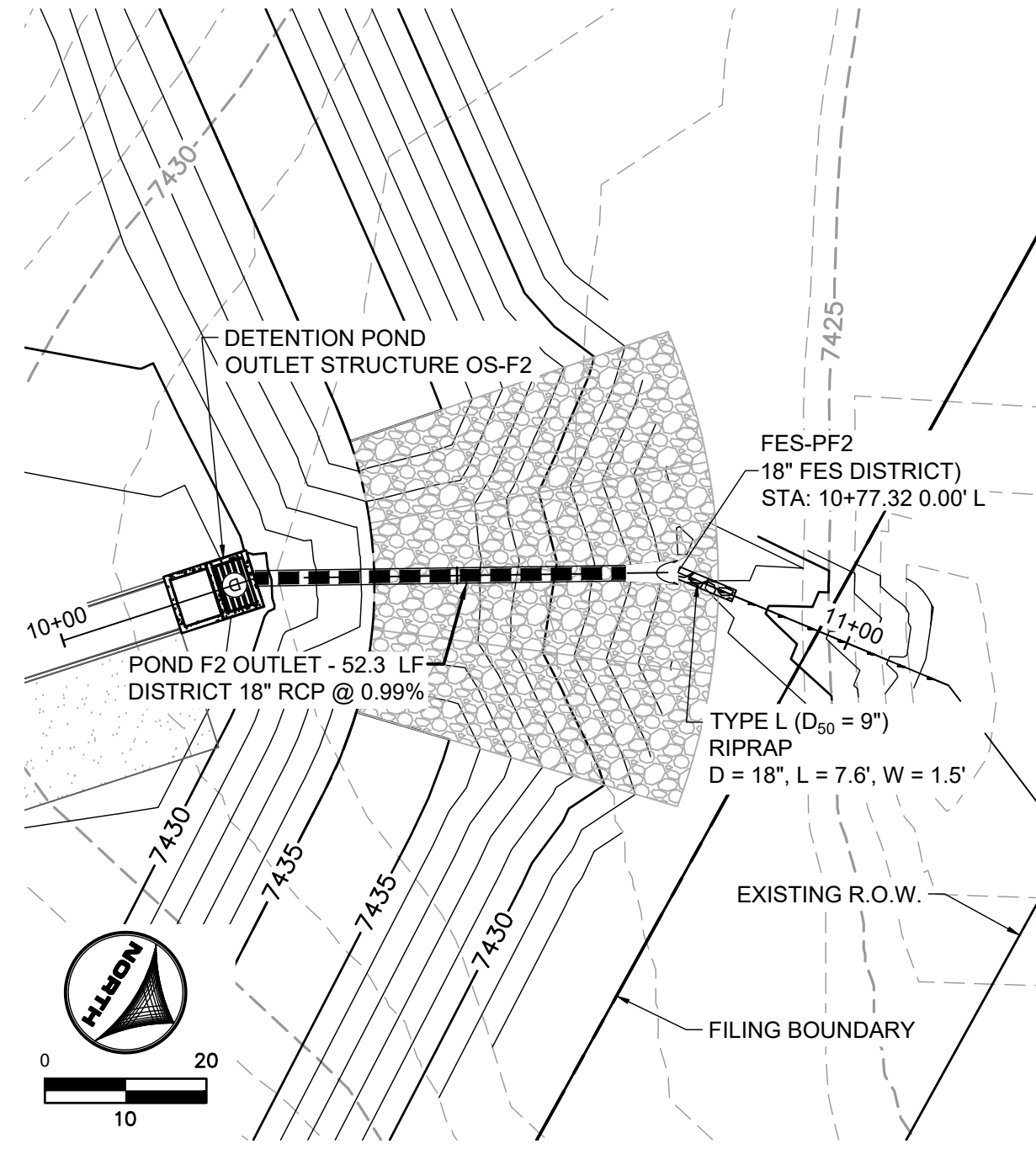
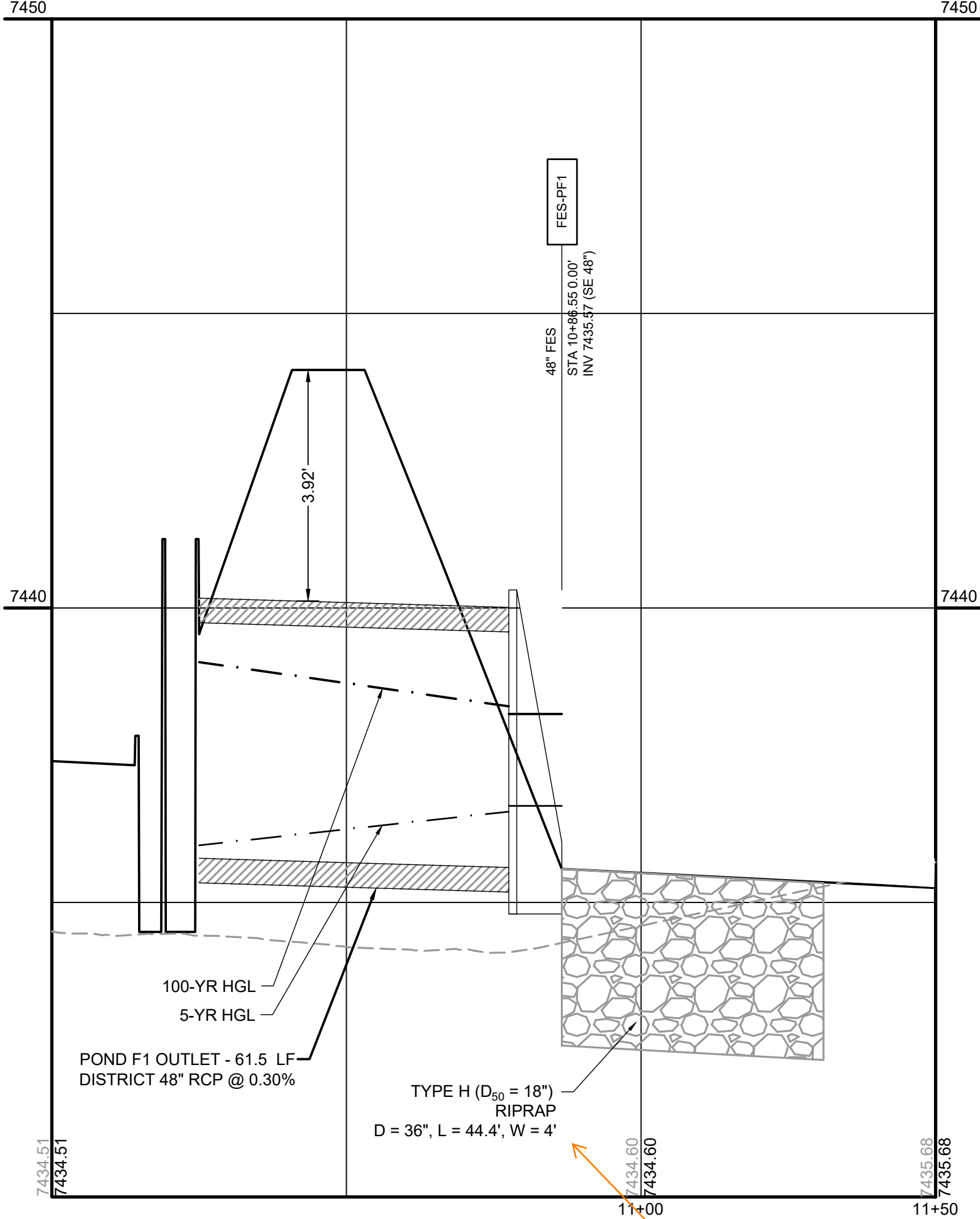
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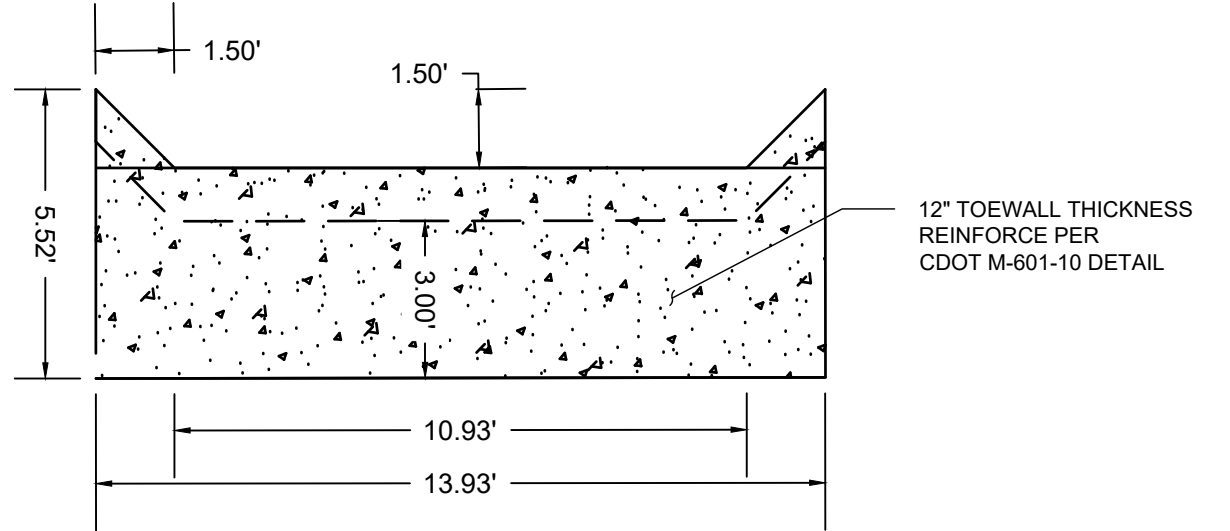
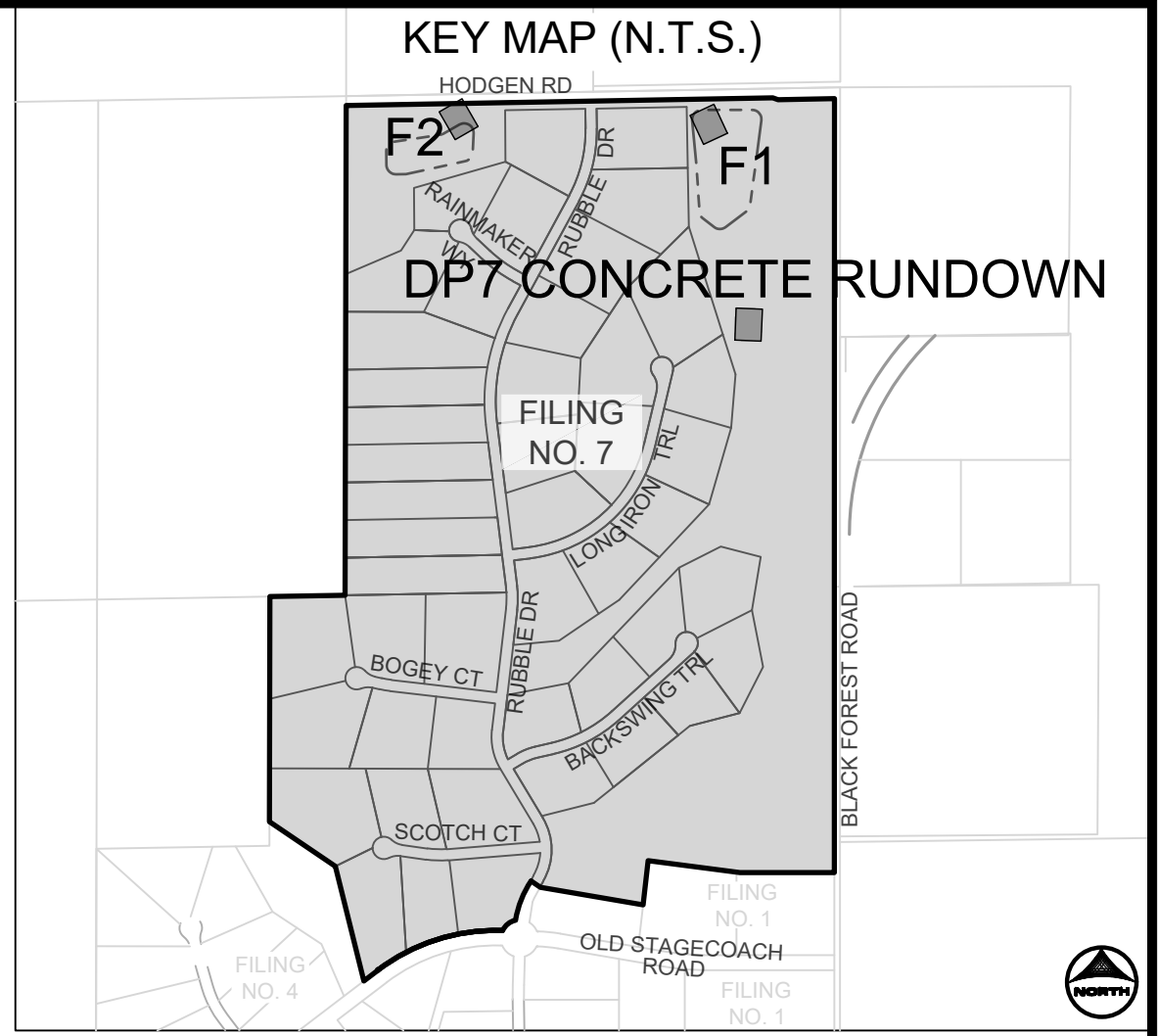
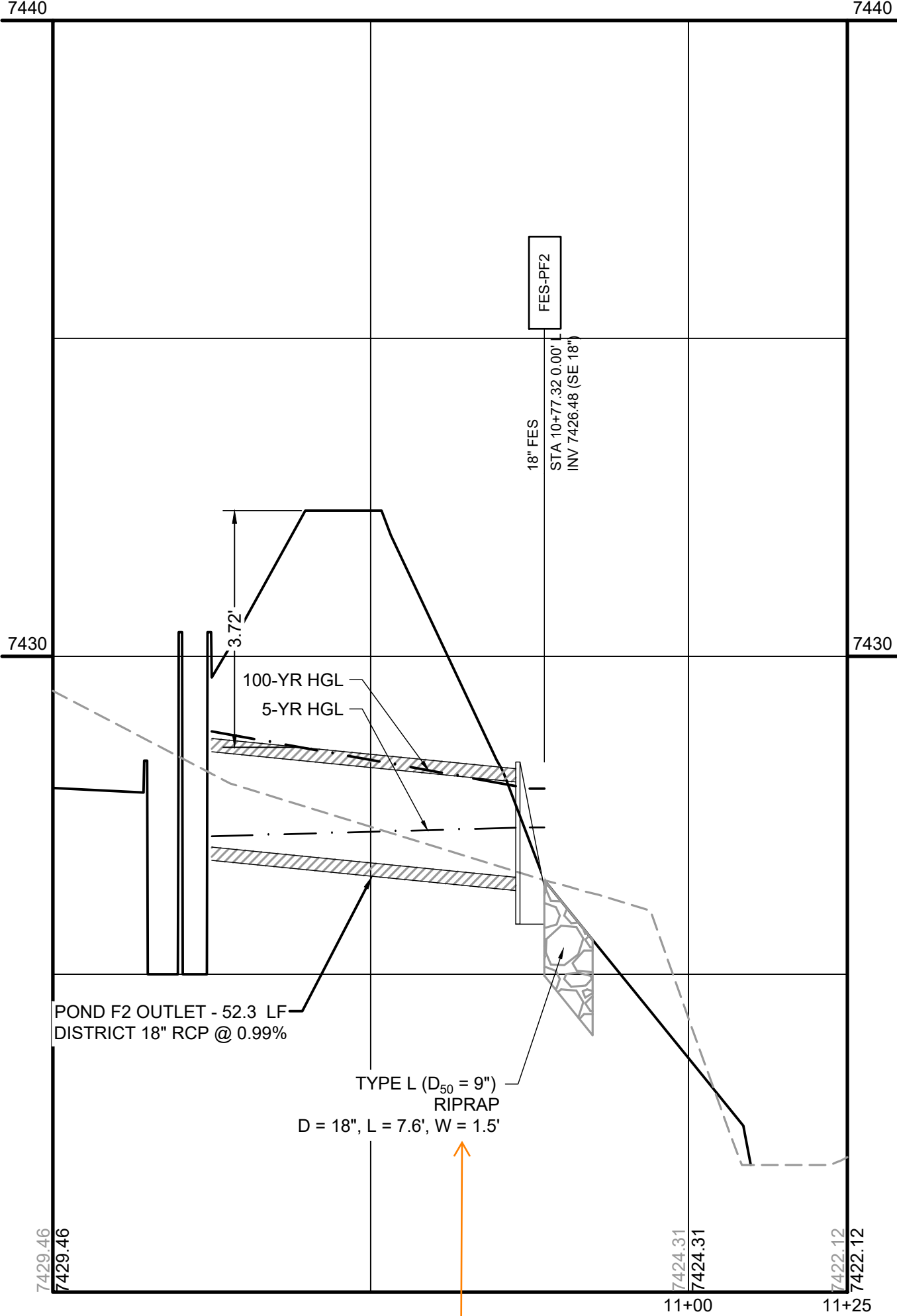
DP7 CONCRETE RUNDOWN
DISTRICT RUNDOWN INTO POND F1 FOREBAY A



POND F1 OUTLET
DISTRICT STORM CULVERT PIPE WITHIN TRACT A

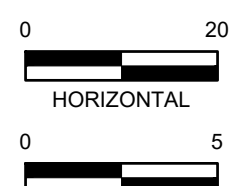


POND F2 OUTLET
DISTRICT STORM CULVERT PIPE WITHIN TRACT B



DP7 CONCRETE RUNDOWN TOEWALL
N.T.S.

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



Provide bedding material/geotextile fabric between riprap and sub-base (per DCMv1 - Chap 10.10.5). Per recent discussions with a geotextile provider, a woven geotextile is more appropriate for this application as it has resistance (via tensile strength) to tearing when the riprap is placed. Nonwoven fabric will tear. Please contact a supplier to call out an appropriate model # for a woven geotextile on these plans.

DRAWN BY: CMD	JOB DATE: 8/20/2026	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: RDL	JOB NUMBER: 211030.260	0" = 1"
CAD DATE: 8/20/2026		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
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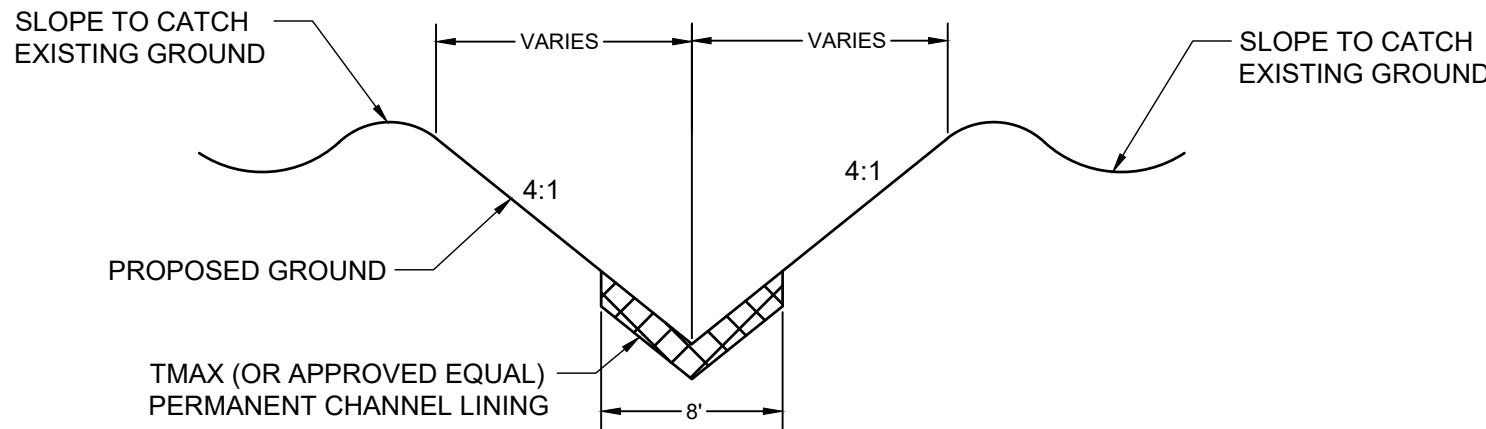
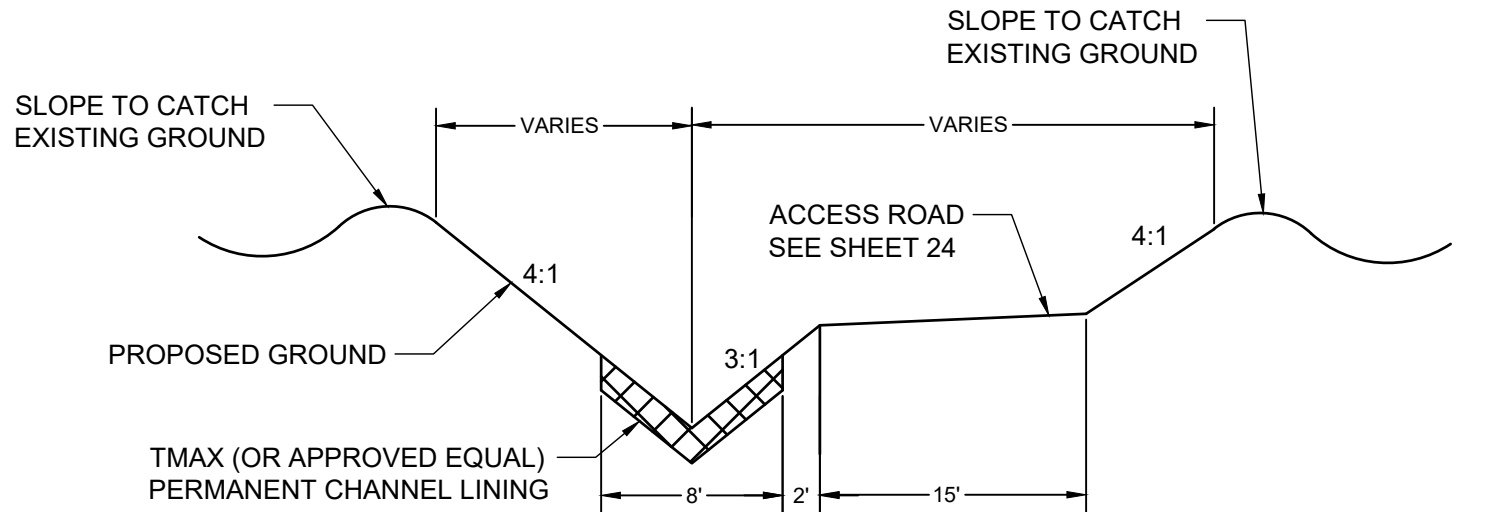
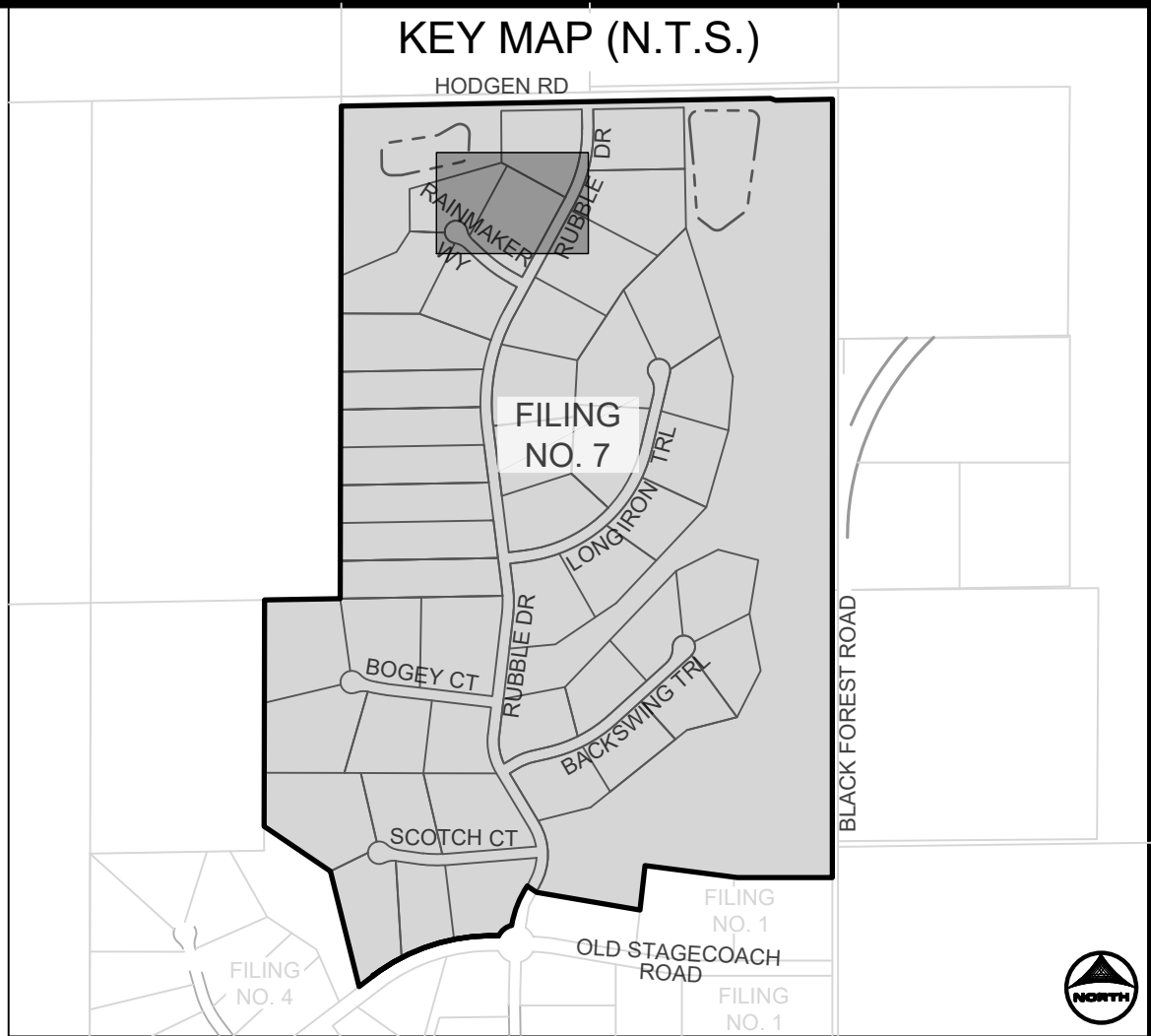
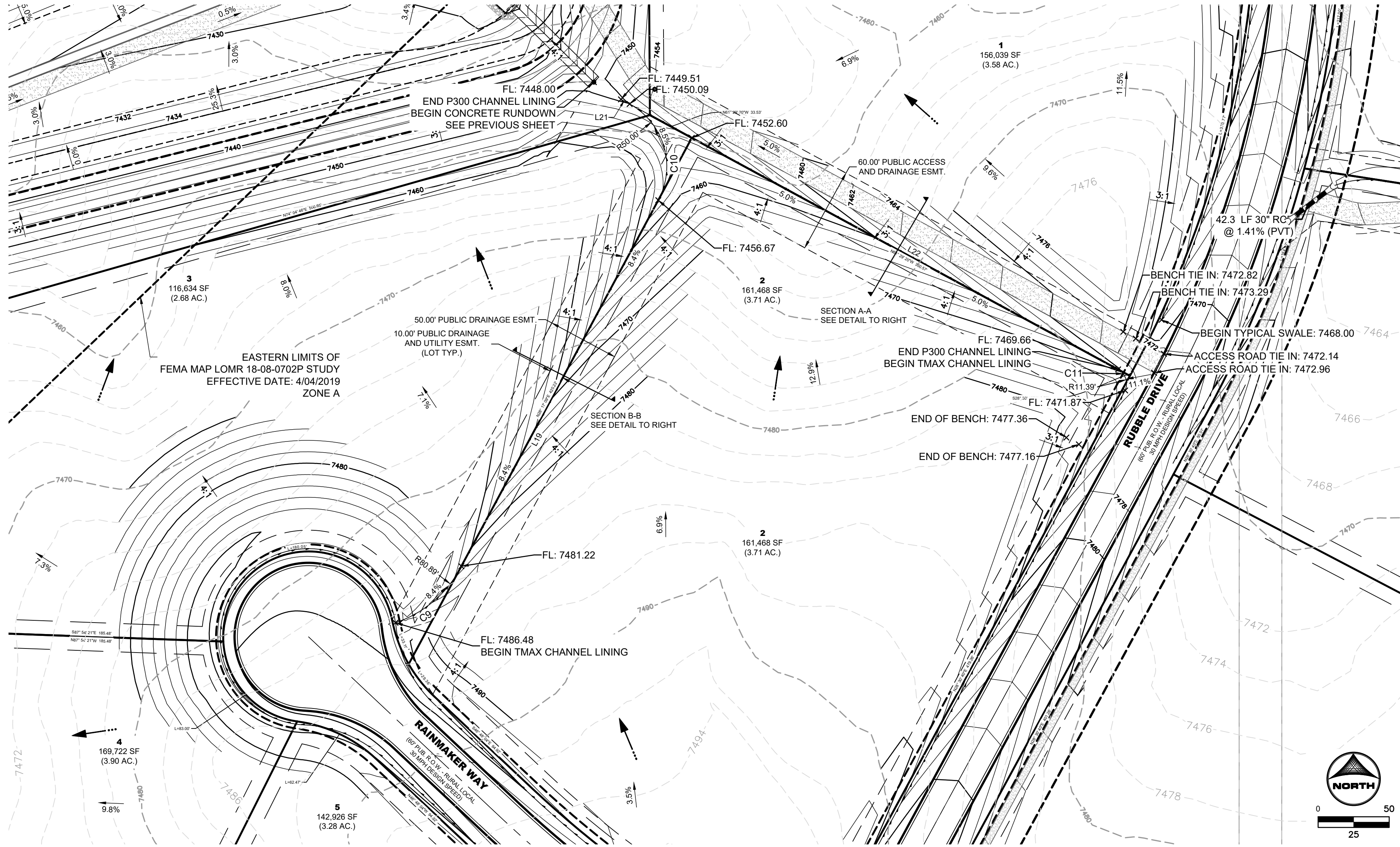
NO.	DATE	BY	REVISION DESCRIPTION

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

FLYING HORSE NORTH FILING 7
PRI #2, LLC.
EL PASO COUNTY, CO

CONSTRUCTION DOCUMENTS
STORM CULVERTS IIII

SHEET
STM
20



CHANNEL CENTERLINE SEGMENT TABLE					
LINE/CURVE NO.	LENGTH (FT)	DIRECTION/DELTA	RADIUS (FT)	START N/E	END N/E
C9	62.58	44.33	80.89	N451708.14 E:226497.87	N451668.39 E:226451.55
C10	78.34	89.77	50.00	N452033.14 E:226616.20	N451965.51 E:226636.36
C11	17.22	96.65	11.39	N451831.72 E:226964.69	N451846.54 E:226959.72
L19	20.00	S28°17'09.19"W		N451801.96 E:226548.35	N451784.35 E:226536.88
L21	6.90	S61°39'14.30"E		N452036.41 E:226610.13	N452033.14 E:226616.20
L22	390.93	S61°29'21.19"E		N452033.14 E:226616.20	N451846.54 E:226959.72

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
SPILL ~ SPILLWAY
MAINT. ~ MAINTENANCE

DRAWN BY: RDL	JOB DATE: 5/6/2026	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: RDL	JOB NUMBER: 211030.260	0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
CAD DATE: 8/20/2026		
CAD FILE: J:\2021\211030\CAD\Drawings\Filing_NORTH\Pond_F2_Plan		

NO.	DATE	BY	REVISION DESCRIPTION



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1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS, CO 80920
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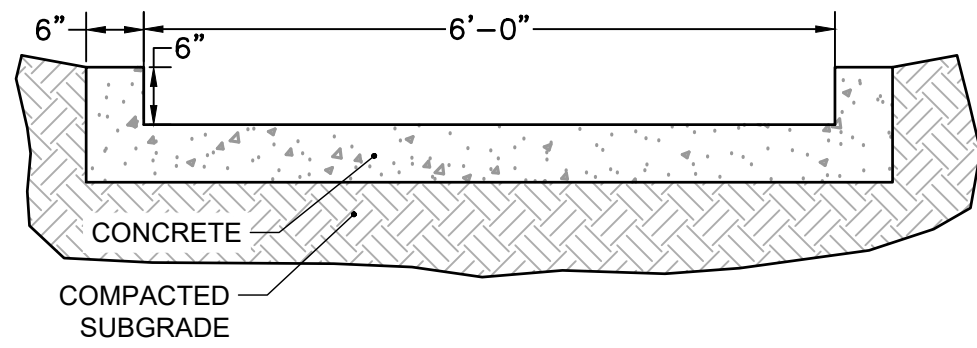
FLYING HORSE NORTH FILING 7
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DRAINAGE DETAILS
POND F2 OVERLOT SWALE GRADING

SHEET
PND
23

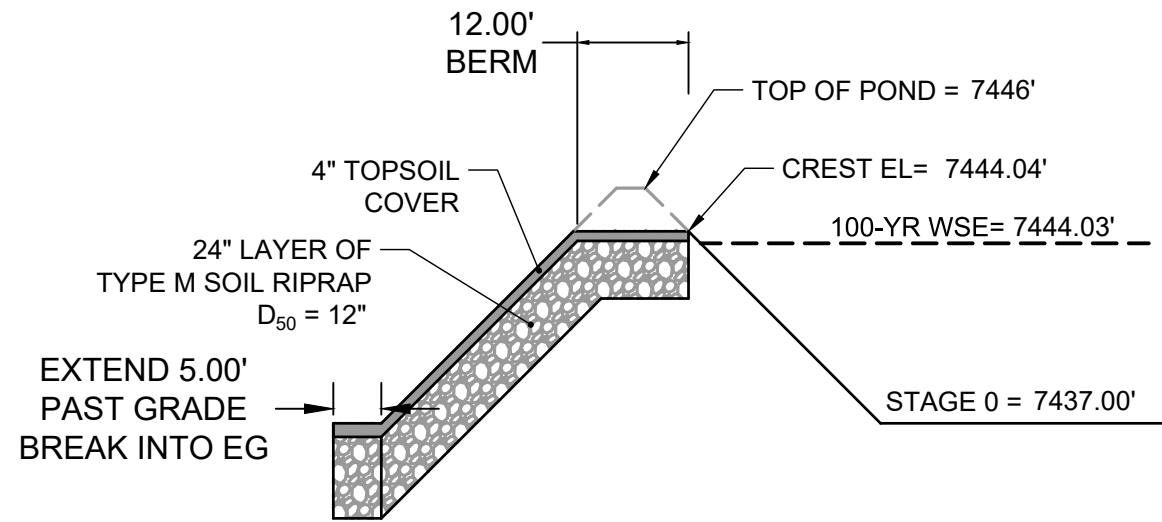
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POND F1 DETAILS



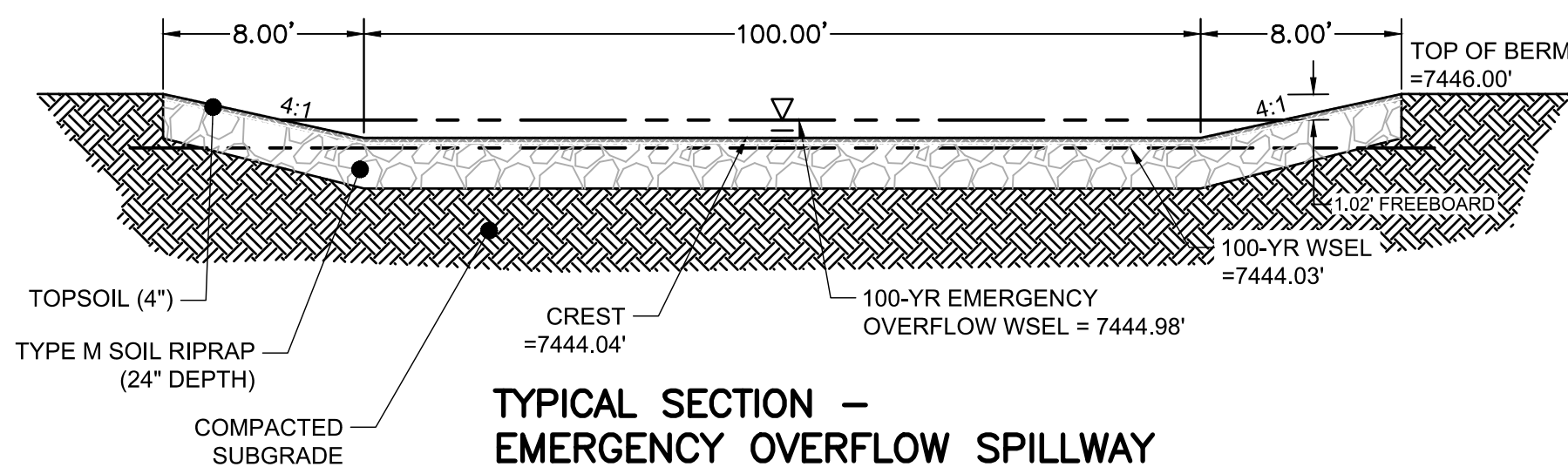
**TYPICAL DETAIL –
6.0' TRICKLE CHANNEL**

SCALE: NTS



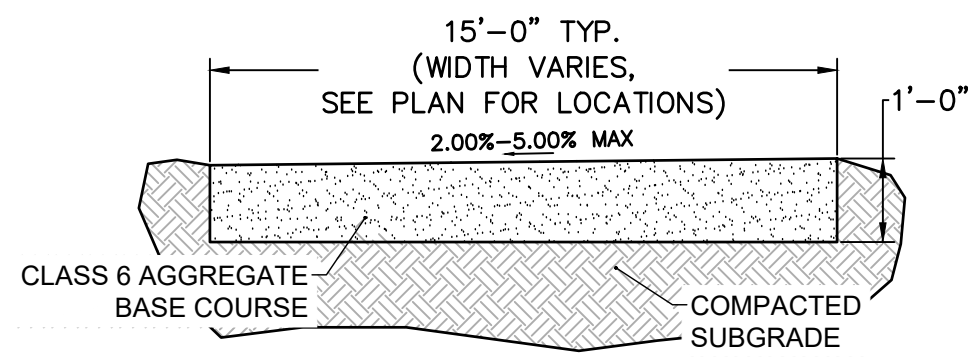
**PROFILE VIEW –
EMERGENCY OVERFLOW SPILLWAY**

SCALE: NTS



**TYPICAL SECTION –
EMERGENCY OVERFLOW SPILLWAY**

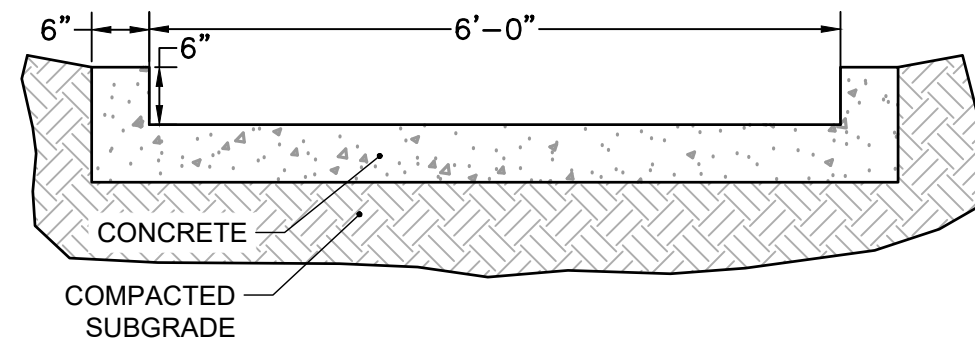
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**TYPICAL SECTION –
MAINTENANCE ROAD**

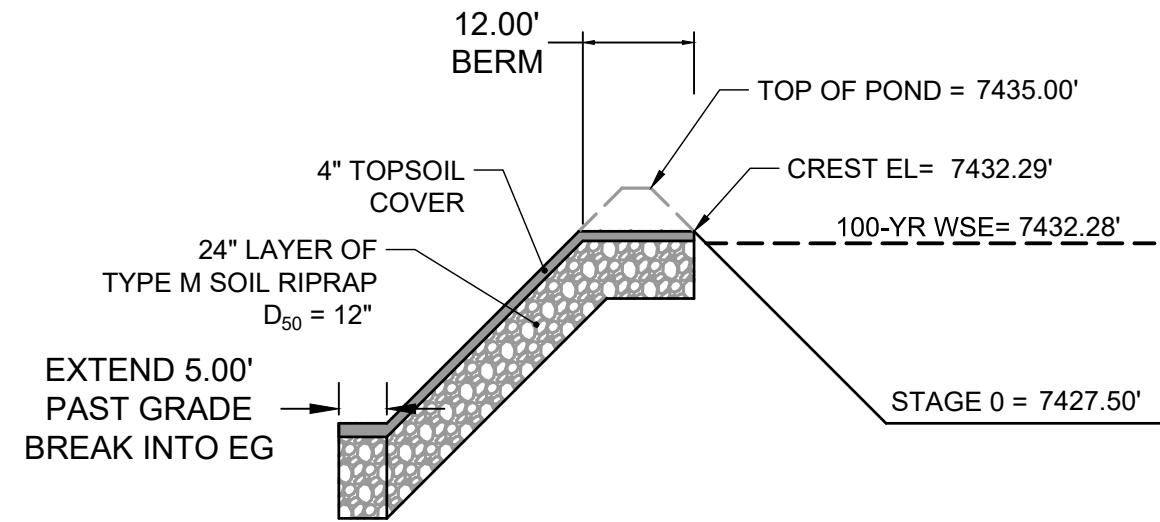
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POND F2 DETAILS



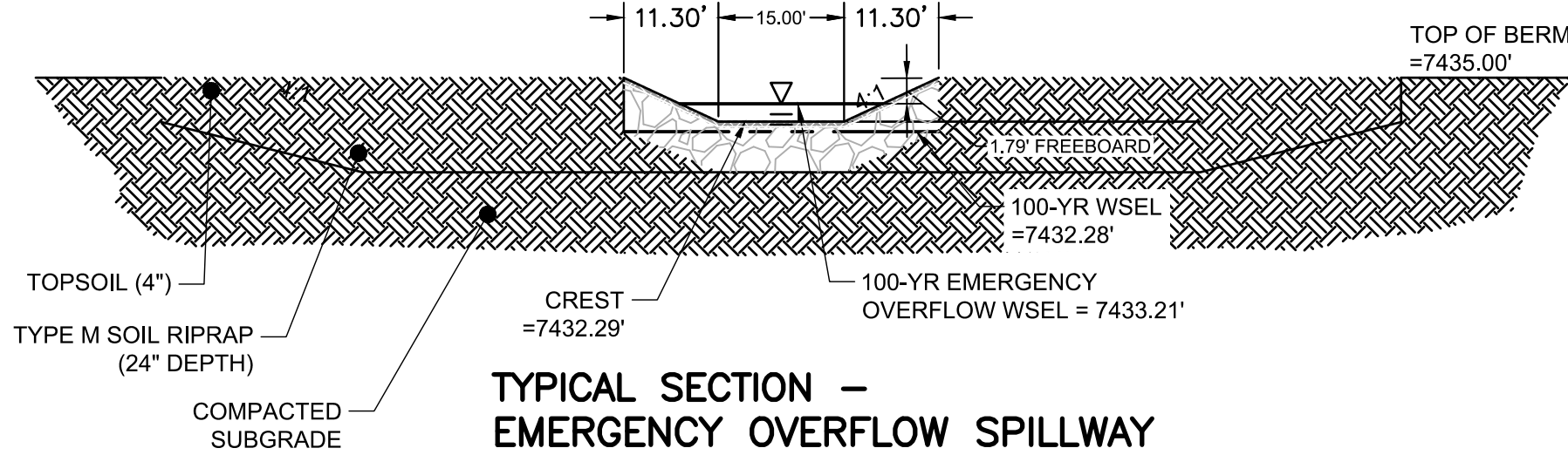
**TYPICAL DETAIL –
6.0' TRICKLE CHANNEL**

SCALE: NTS



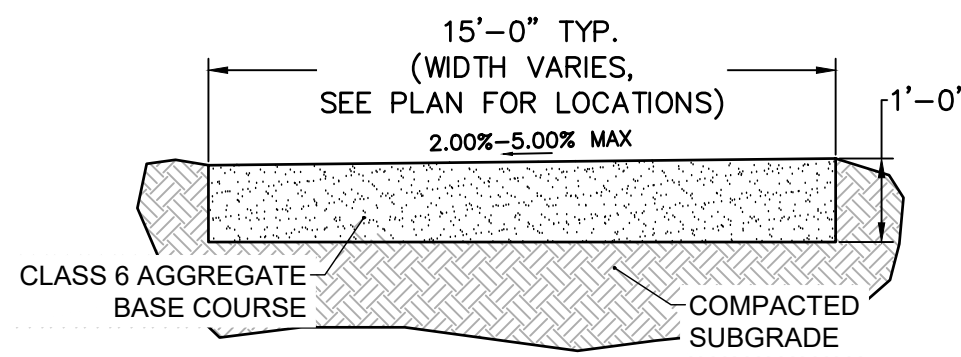
**PROFILE VIEW –
EMERGENCY OVERFLOW SPILLWAY**

SCALE: NTS



**TYPICAL SECTION –
EMERGENCY OVERFLOW SPILLWAY**

SCALE: NTS



**TYPICAL SECTION –
MAINTENANCE ROAD**

SCALE: NTS

HR GREEN Xref: xv=row-1030; xv=dgn-1030; xc=row-030,260; xc=dgn-260; xj=1-dh01-1030,260; key_map; xv=util-1030

DRAWN BY: CVW JOB DATE: 5/6/2026
APPROVED: RDL JOB NUMBER: 211030.260
CAD DATE: 8/20/2026
CAD FILE: J:\2021\211030\CAD\Drawings\Filing_NORTH\Pond_F1_Plan

BAR IS ONE INCH ON
OFFICIAL DRAWINGS.
0 1"
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NO.	DATE	BY	REVISION DESCRIPTION



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1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
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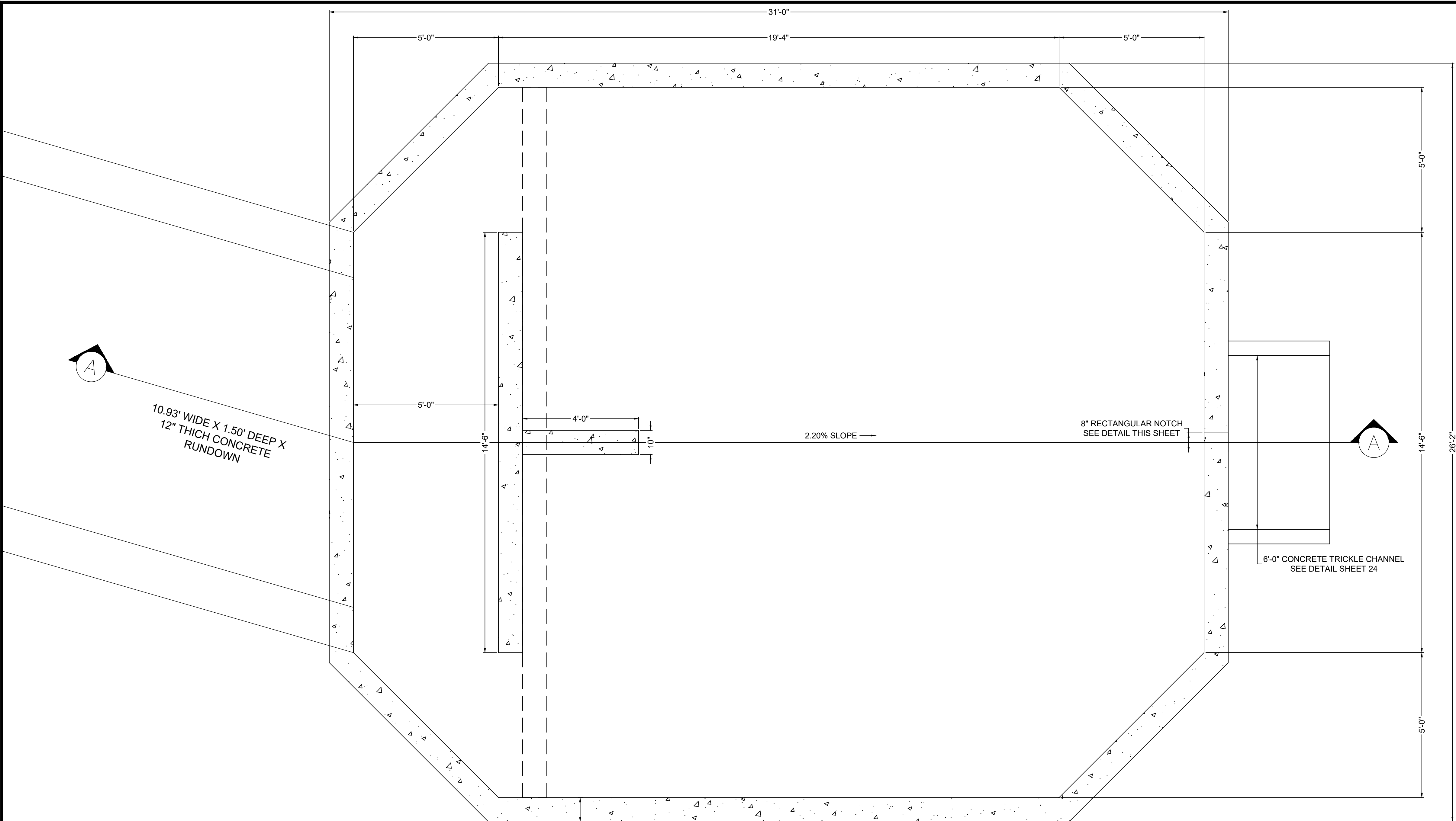
FLYING HORSE NORTH FILING 7
PRI #2, LLC.
EL PASO COUNTY, CO

DRAINAGE DETAILS
POND DETAILS

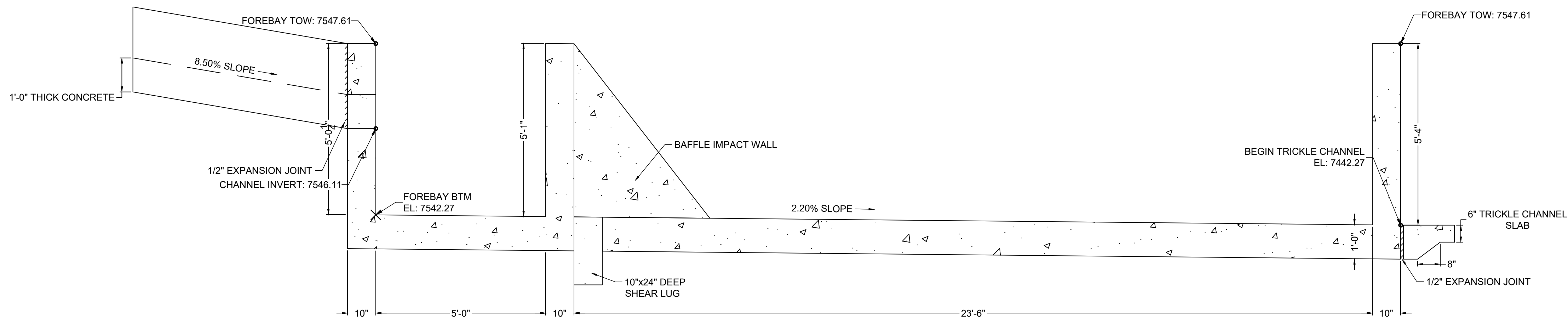
SHEET
PND

24

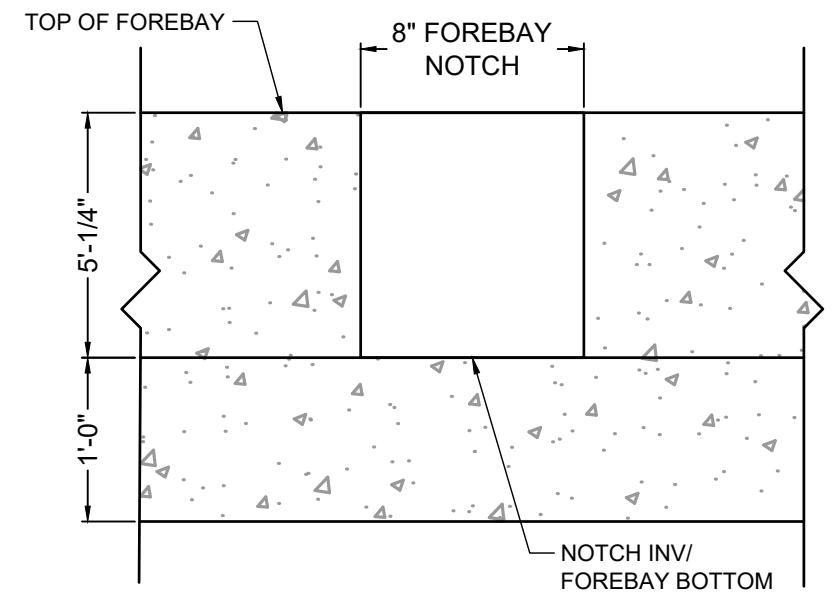
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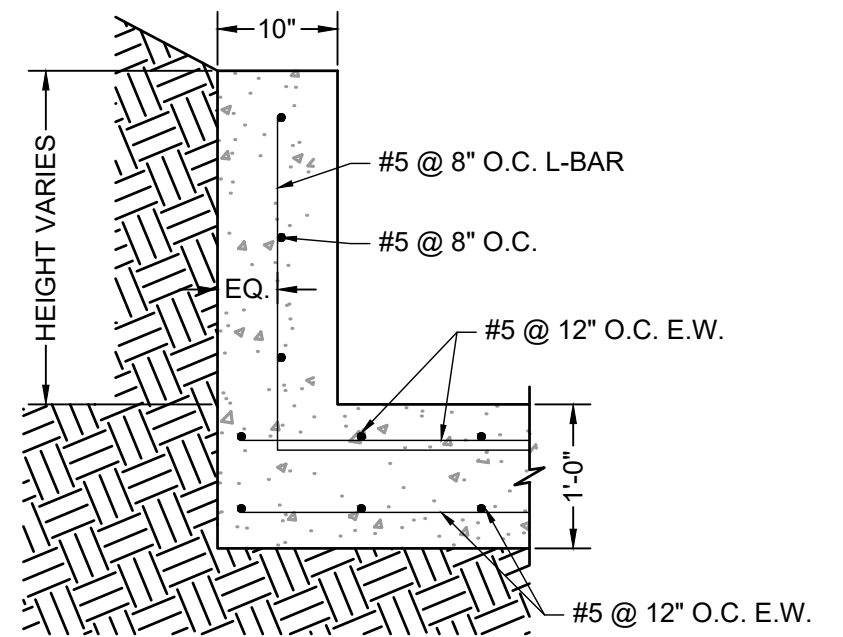
PLAN VIEW
FOREBAY A
SCALE: 1"=2'



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



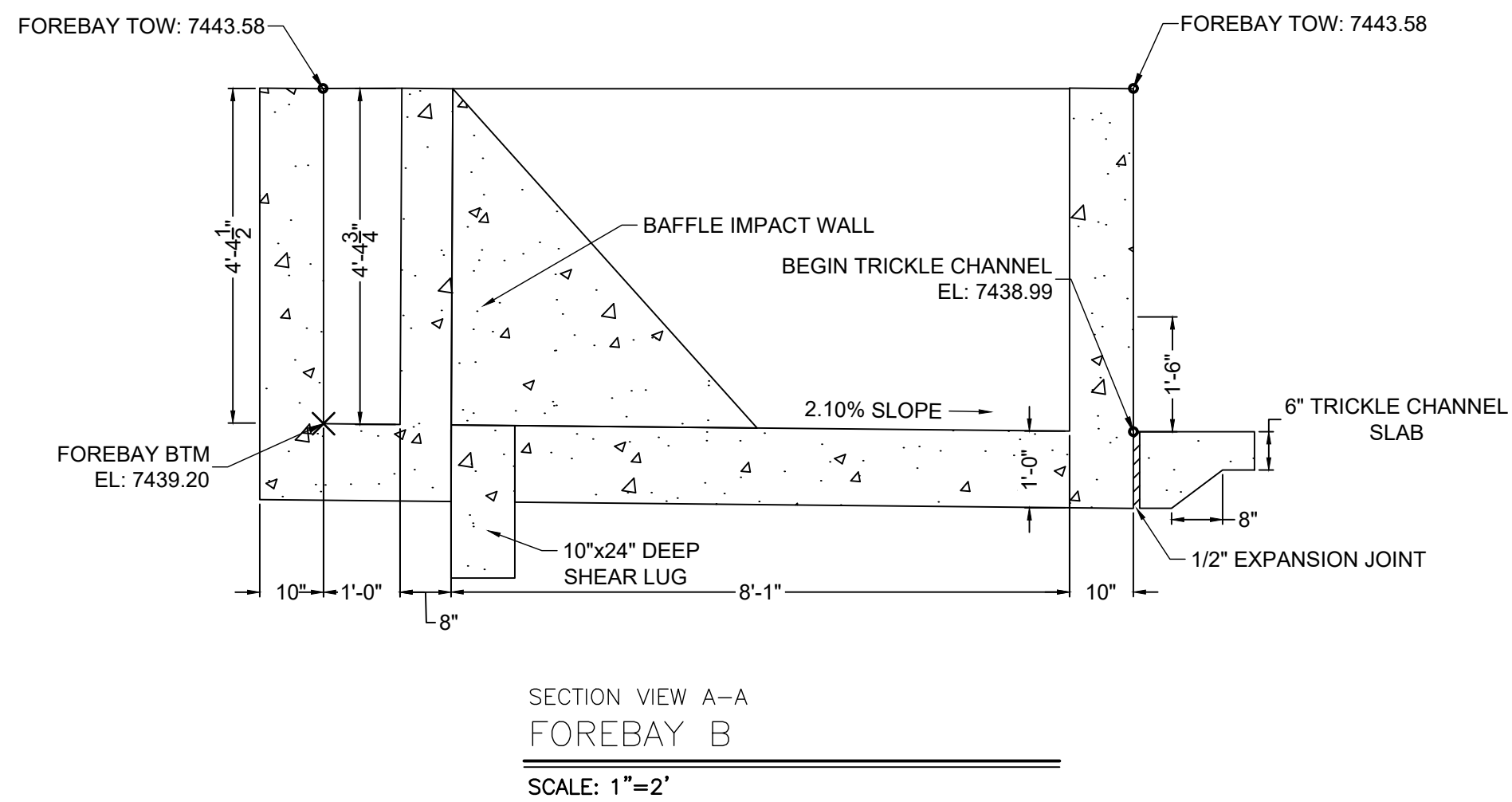
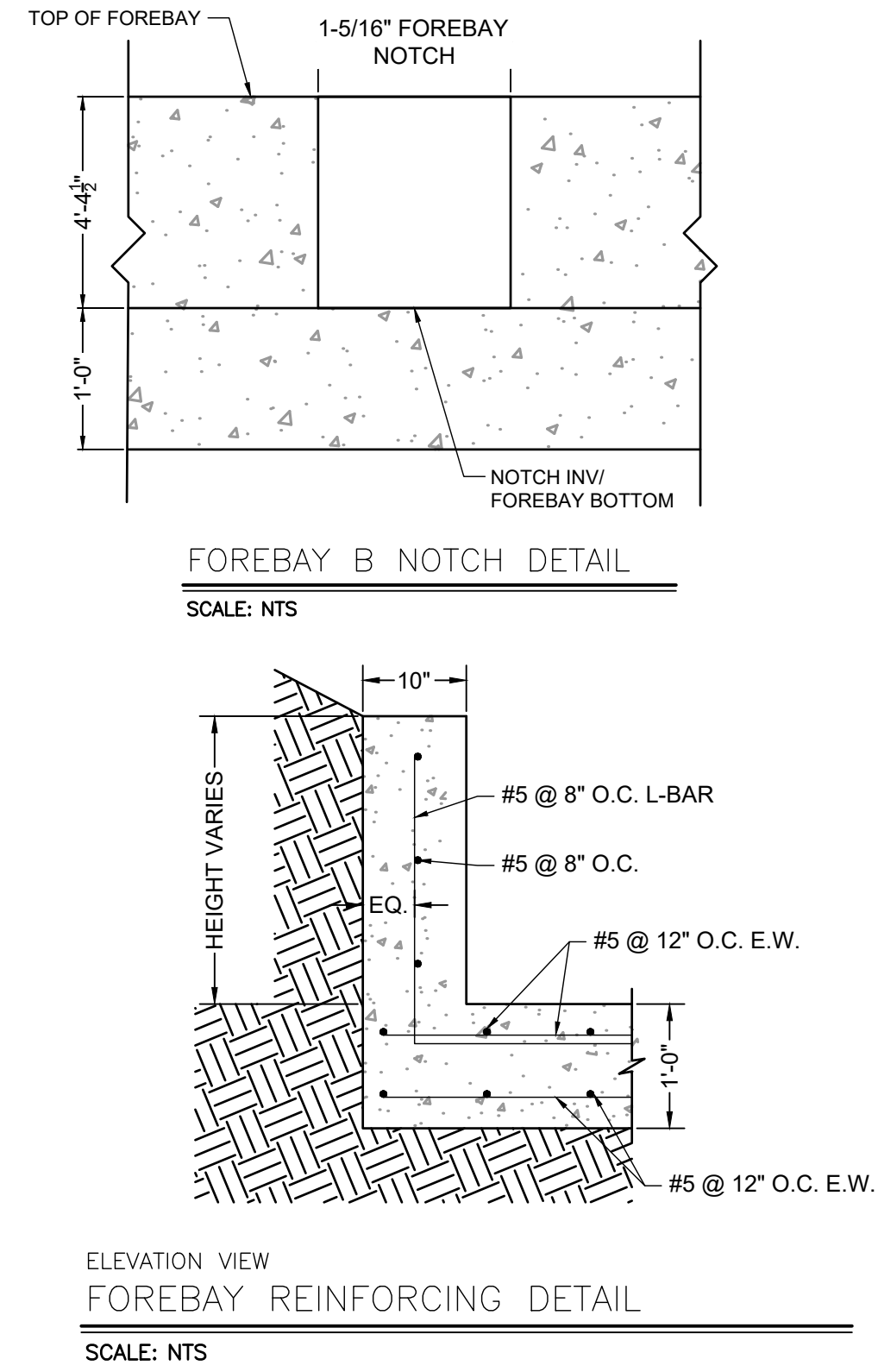
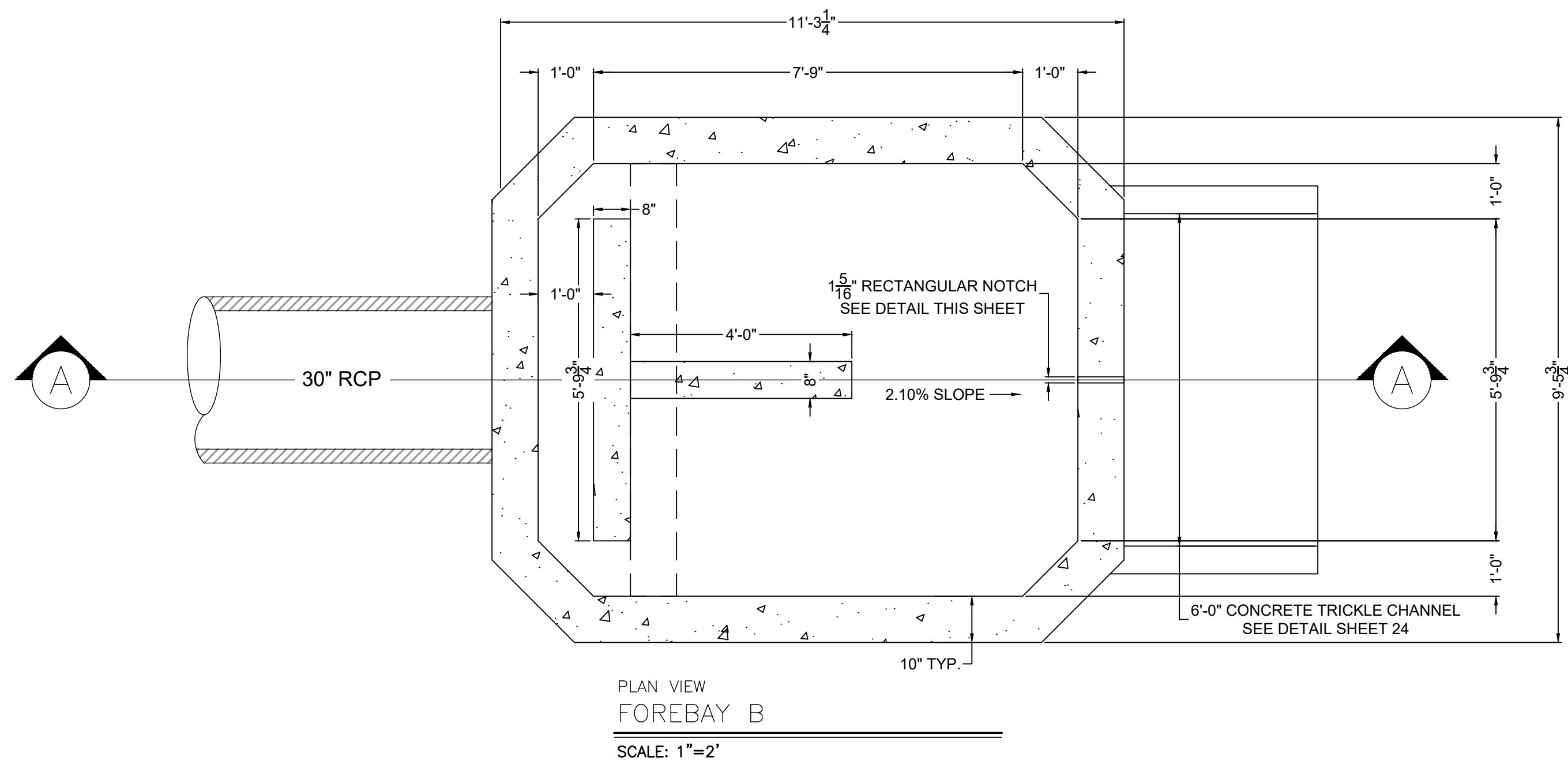
FOREBAY A NOTCH DETAIL
SCALE: NTS



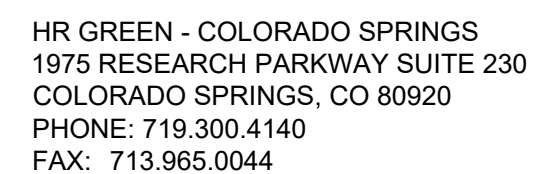
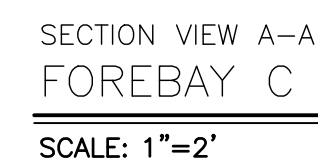
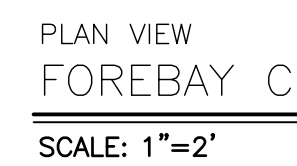
ELEVATION VIEW
FOREBAY REINFORCING DETAIL
SCALE: NTS

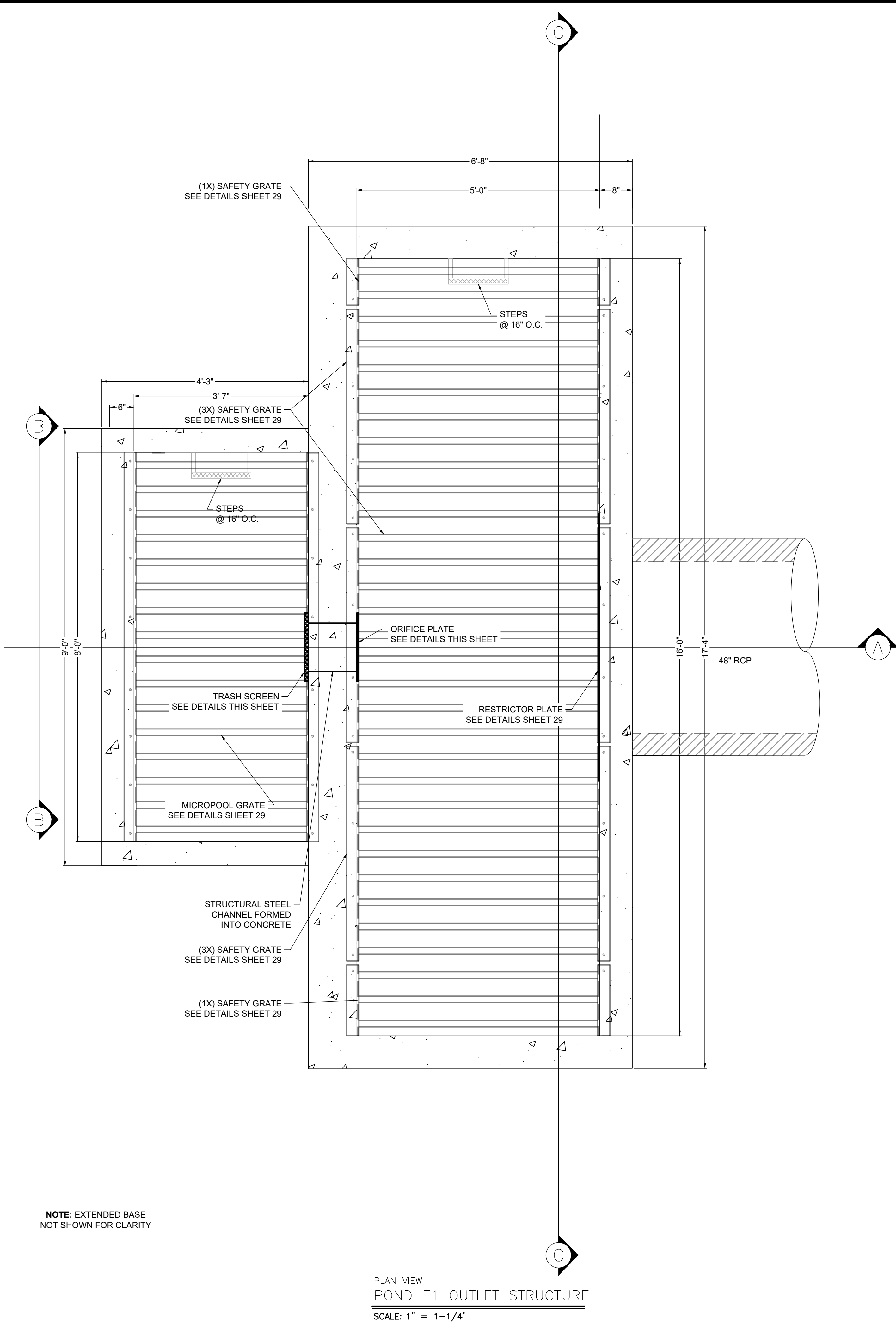
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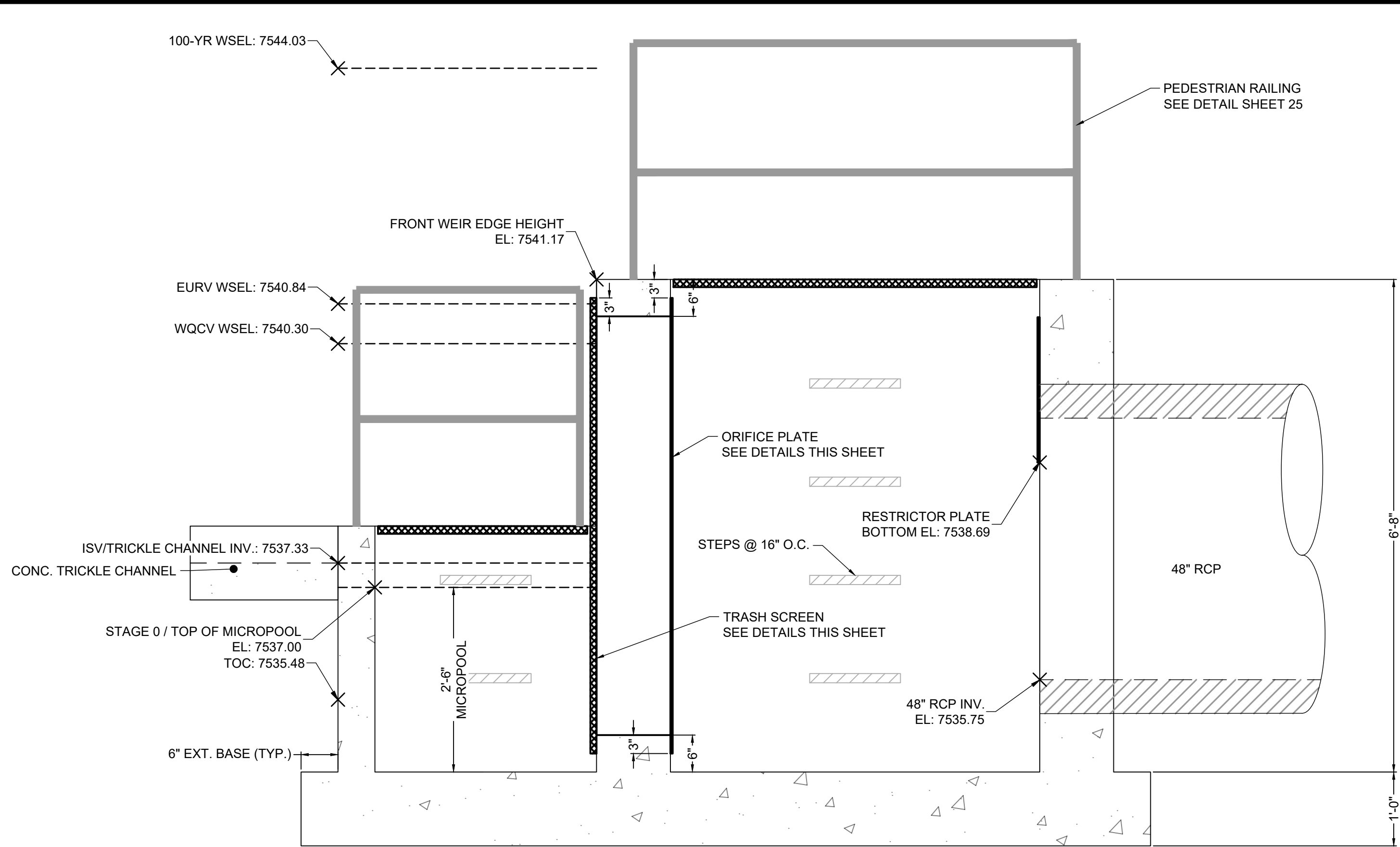


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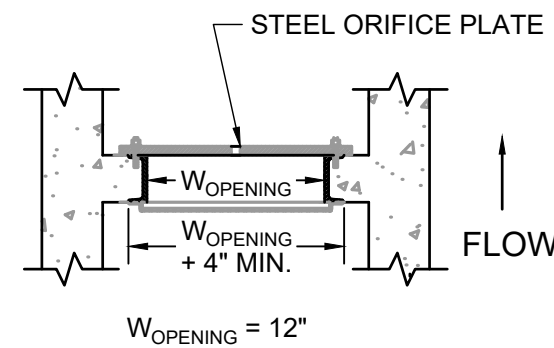




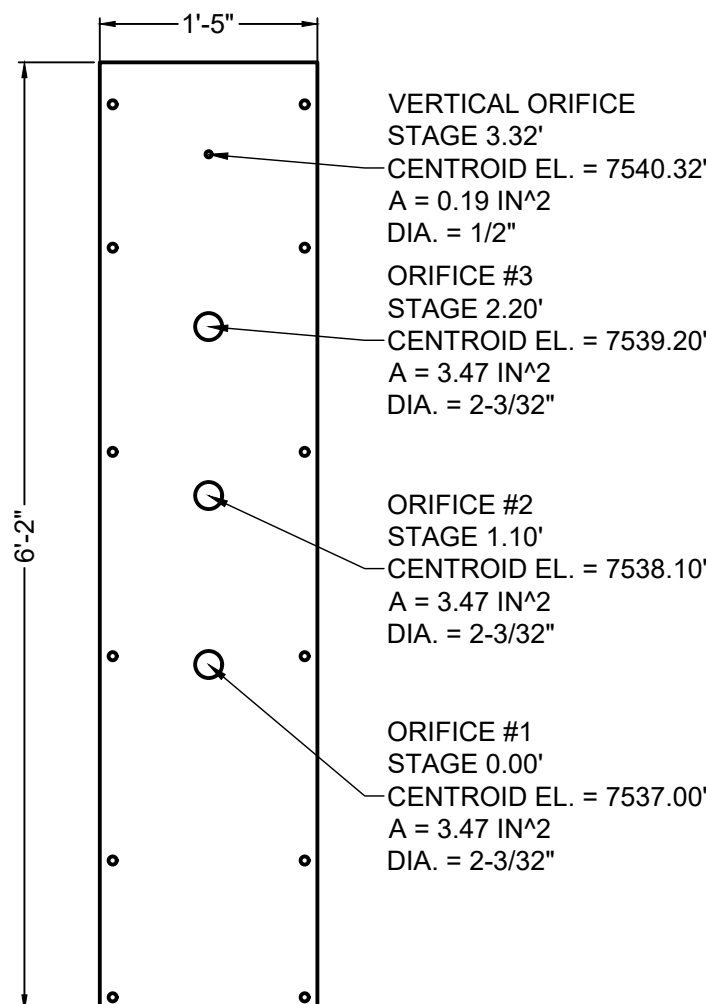
PLAN VIEW
POND F1 OUTLET STRUCTURE
SCALE: 1" = 1-1/4'



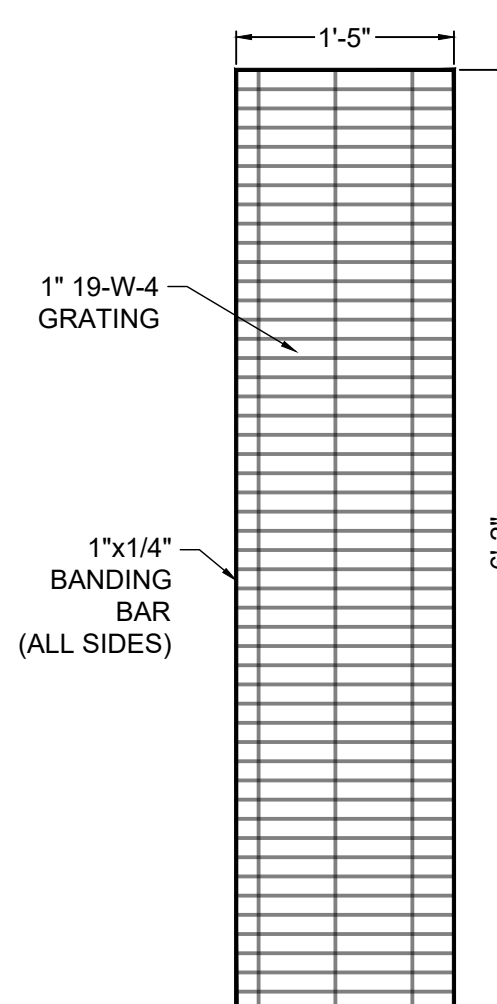
SECTION VIEW A-A
POND F1 OUTLET STRUCTURE
SCALE: 1" = 1-1/4'



DETAIL
TRASH SCREEN & ORIFICE PLATE
SCALE: NTS



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



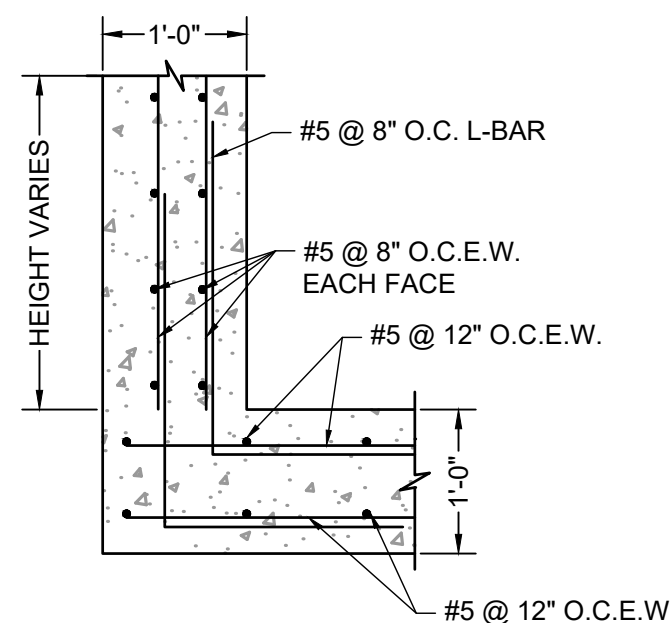
ELEVATION VIEW
TRASH SCREEN DETAIL
SCALE: 1" = 1-1/4'

TRASH SCREEN NOTES:

1. TRASH SCREEN SHALL BE CONSTRUCTED OF 1" THICK 19-W-4 GRATING WITH 1"x1/4" BANDING BAR ON EACH SIDE AND GALVANIZED, MANUFACTURED WITH EXTERIOR BARS IN THE VERTICAL ORIENTATION, OR APPROVED EQUIVALENT AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
2. TRASH SCREEN OPEN AREAS ARE FOR SPECIFIED TRASH RACK MATERIALS. TOTAL TRASH RACK SIZE MAY NEED TO BE ADJUSTED FOR MATERIALS HAVING DIFFERENT OPEN AREA/GROSS AREA RATIO (R VALUE).
3. STRUCTURAL DESIGN OF TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR TRASH SCREEN FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

ORIFICE PLATE NOTES:

1. PLATE TO BE 3/8" THICK GALVANIZED STEEL.
2. BOLT PLATE TO CONCRETE 16" O.C. MAX.
3. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ORIFICE PLATE FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.
5. ORIFICE PLATE GASKET SHALL BE MADE OF 1/4-INCH THICK, 60 DUROMETER EPDM RUBBER IN A CONTINUOUS SHEET THE SIZE OF THE ORIFICE PLATE. THE SHEET SHALL BE PLACED BETWEEN THE ORIFICE PLATE AND CONCRETE WALL, WITH THE WIDTH OF THE OVERLAP BETWEEN THE PLATE AND THE CONCRETE. OPENINGS SHALL BE CUT INTO THE SHEET CORRESPONDING TO THE PLATE BOLT HOLES AND THE CONCRETE WALL OPENING. CUTS MADE EITHER BY THE CONTRACTOR IN THE FIELD OR BY THE MANUFACTURER. (OR EQUIVALENT GASKET APPROVED BY EPC).



ELEVATION VIEW
OUTLET STRUCTURE REINFORCING DETAIL
SCALE: NTS

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APPROVED: RDL	JOB NUMBER: 211030.280	0 1"
CAD DATE: 8/22/2024		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
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NO.	DATE	BY	REVISION DESCRIPTION



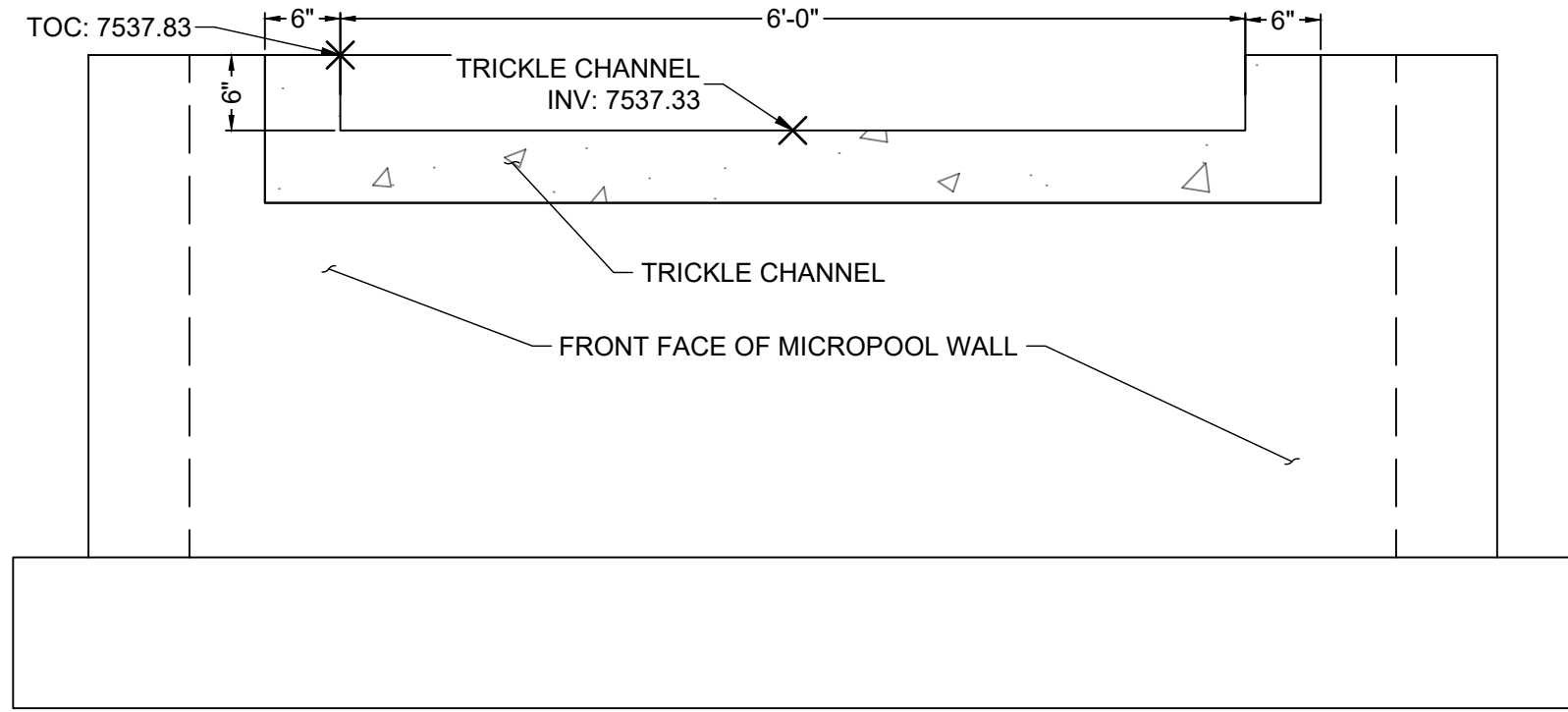
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

FLYING HORSE NORTH FILING 7
PRI #2, LLC.
EL PASO COUNTY, CO

POND DETAILS
POND F1 OUTLET STRUCTURE

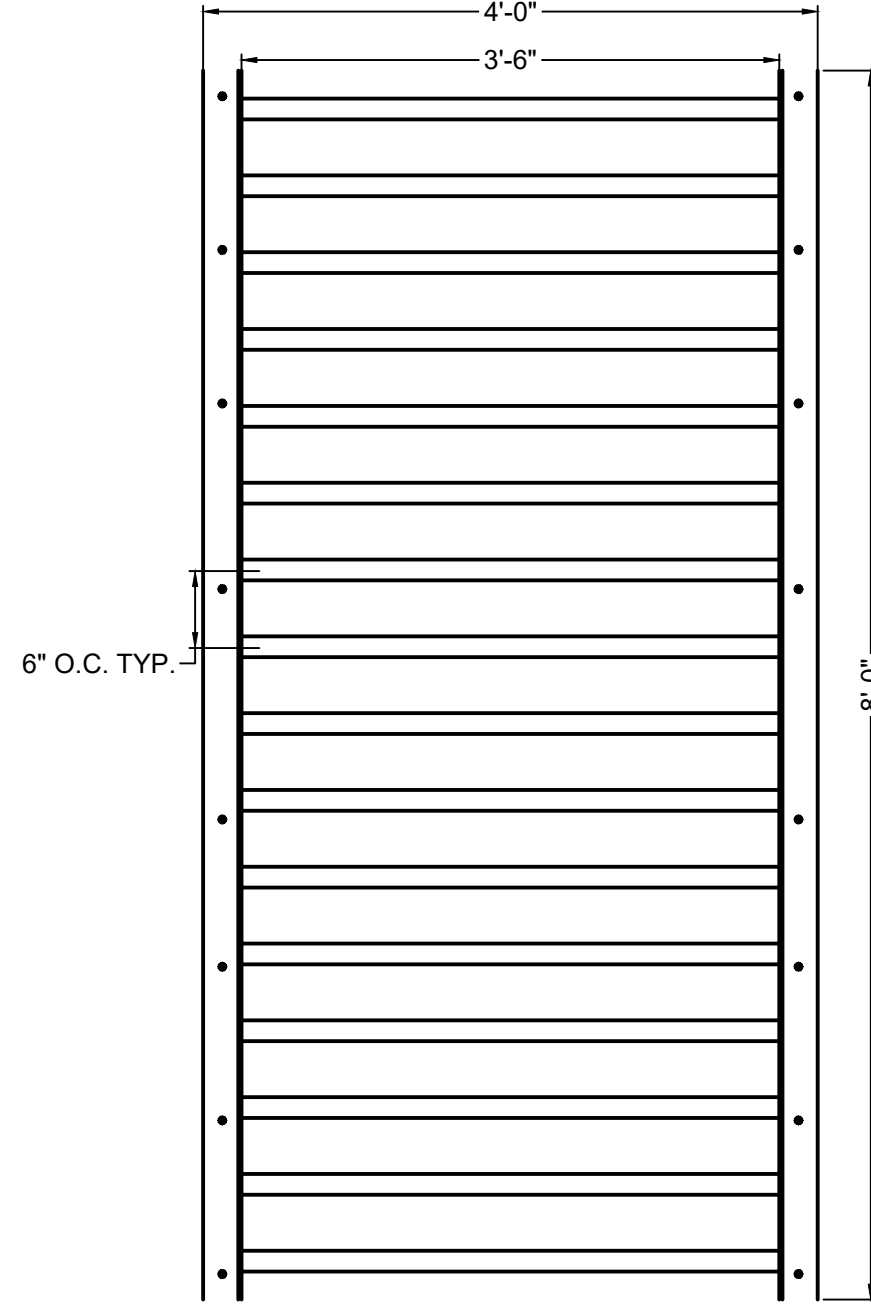
SHEET
PND

28



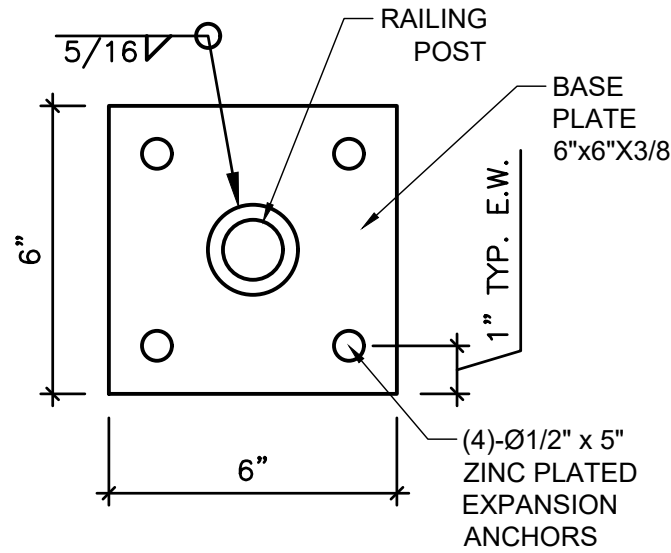
SECTION VIEW B-B
MICROPOOL FRONT FACE

SCALE: 1" = 1-1/4'



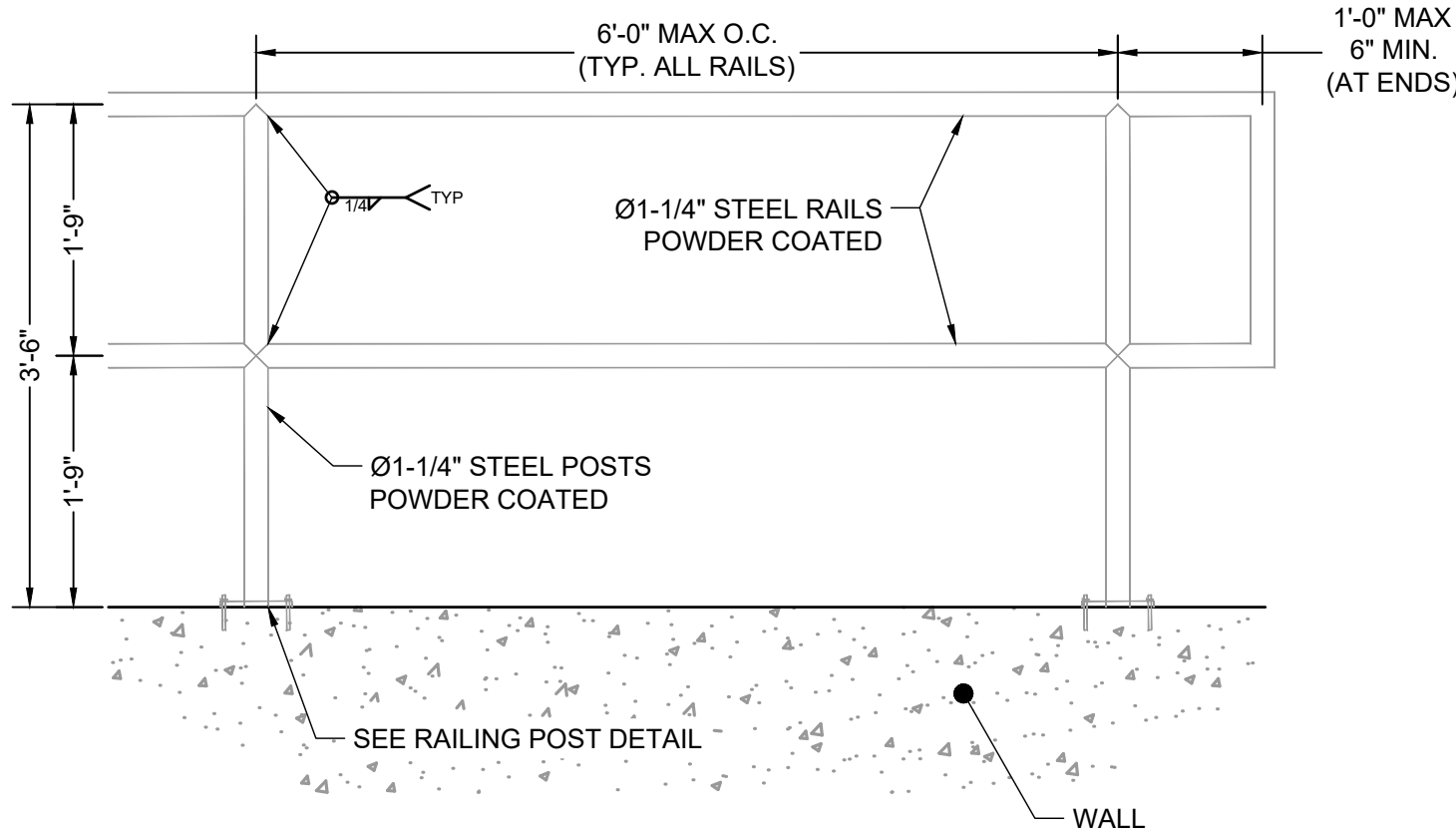
ELEVATION VIEW
MICROPOOL TOP GRATE

SCALE: 1" = 1-1/4'



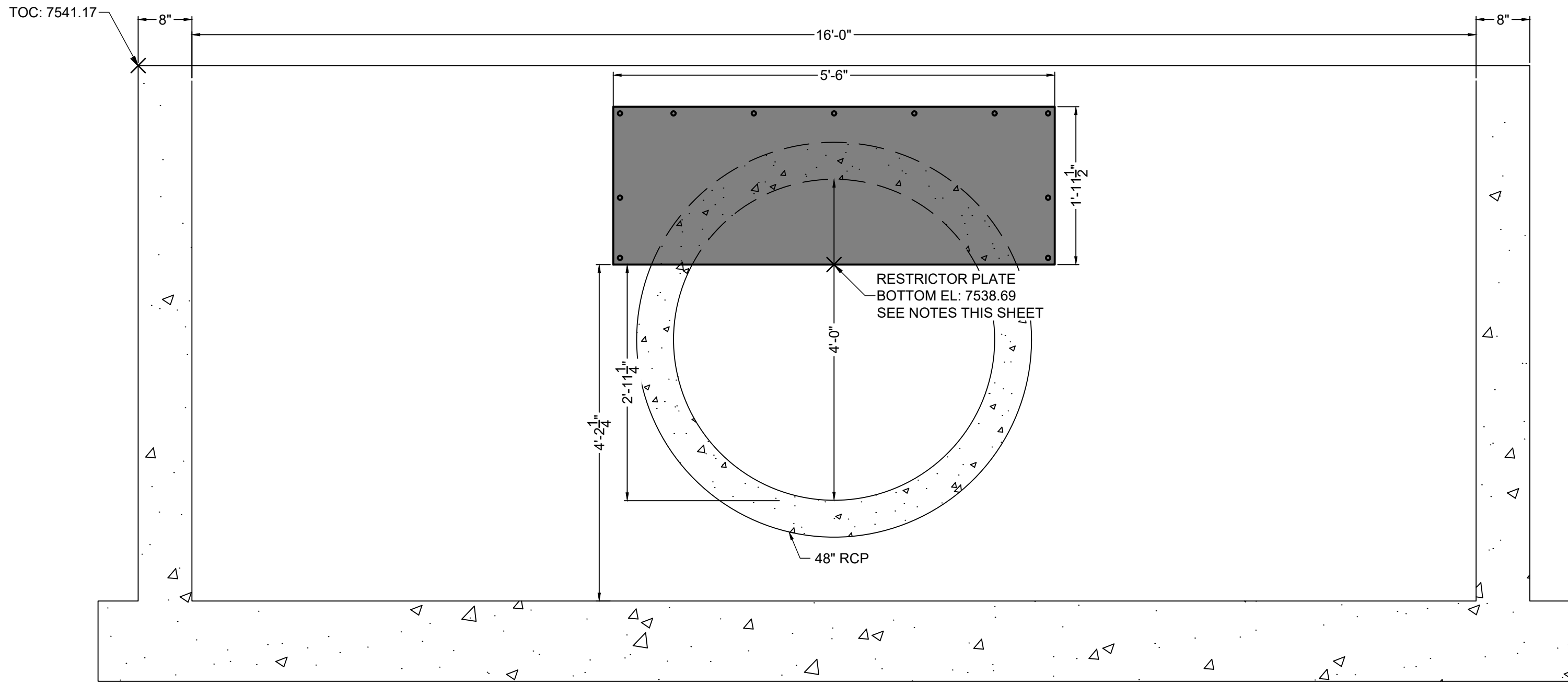
DETAIL VIEW
PEDESTRIAN RAILING POST

SCALE: 3/4" = 1'



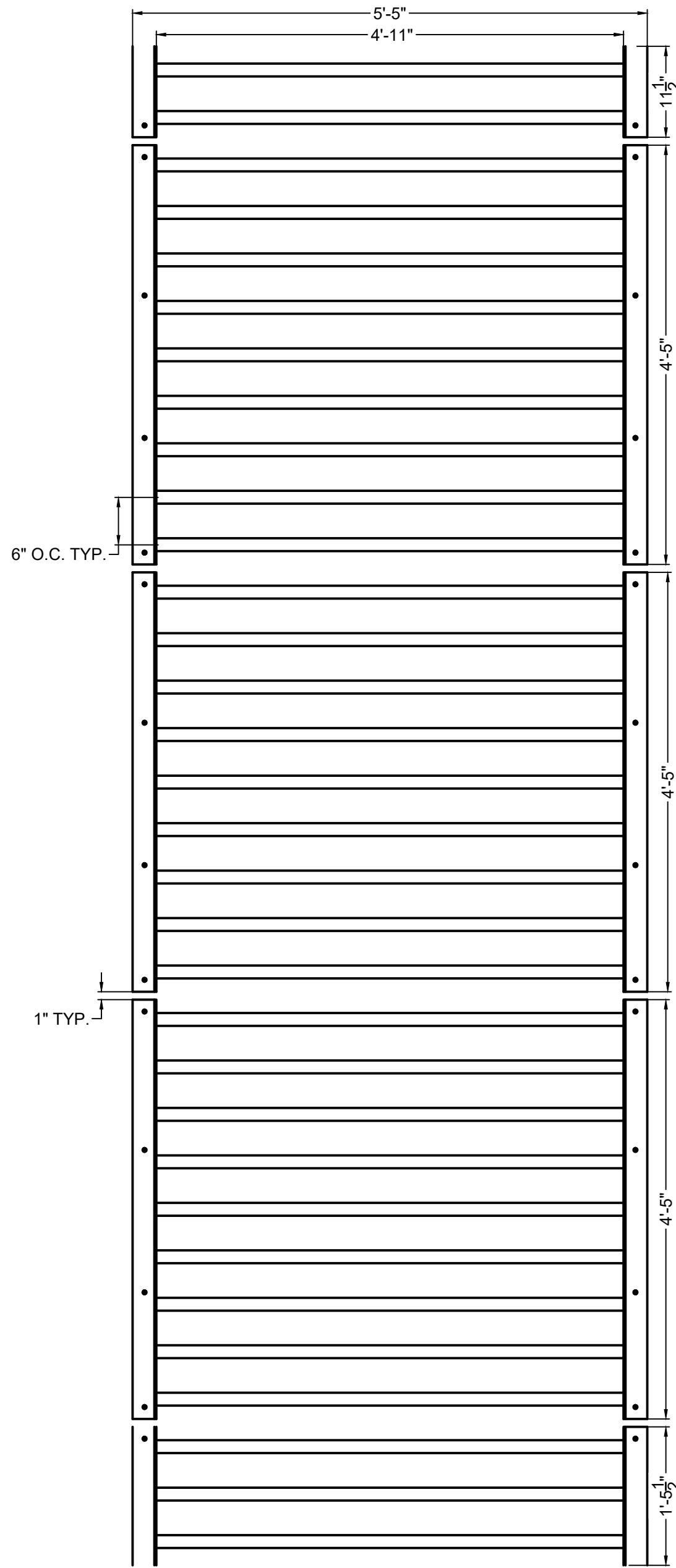
DETAIL VIEW
PEDESTRIAN RAILING

SCALE: 3/4" = 1'



SECTION VIEW C-C
RESTRICTOR PLATE

SCALE: 1" = 1-1/4'



PLAN VIEW
SAFETY GRATE

SCALE: 1" = 1-1/4'

SAFETY GRATES/TRASH RACK NOTES:

6. 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.
7. 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.
8. STEEL GRATES SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.
9. STRUCTURAL STEEL FOR GRATES SHALL BE GALVANIZED AND SHALL BE IN ACCORDANCE WITH CDOT STANDARD SPECIFICATIONS, SUBSECTION 712.06.
10. 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.
5. 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.

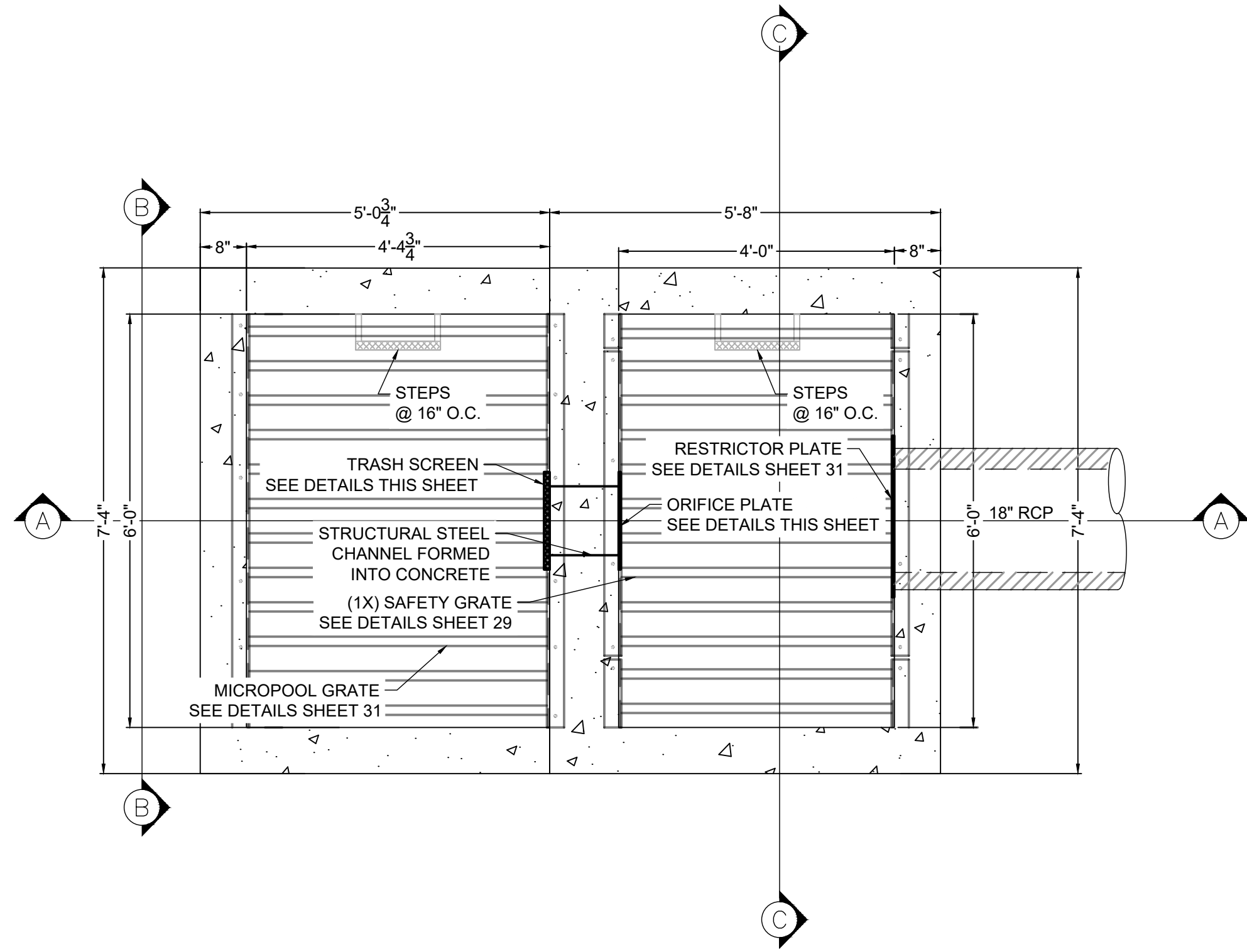
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NO.	DATE	BY	REVISION DESCRIPTION

HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
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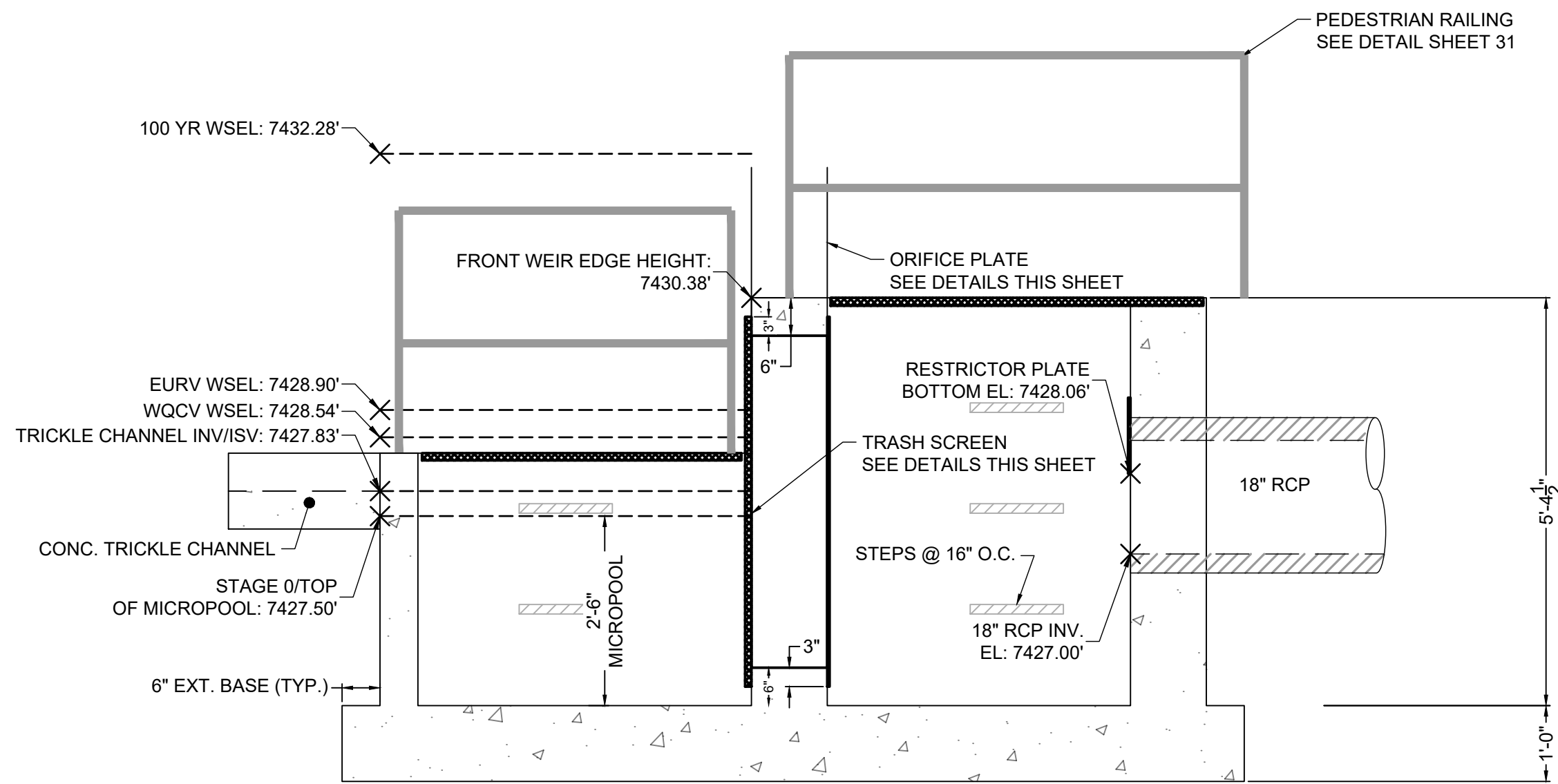
FLYING HORSE NORTH FILING 7
PRI #2, LLC.
EL PASO COUNTY, CO

POND DETAILS
POND F1 OUTLET STRUCTURE DETAILS

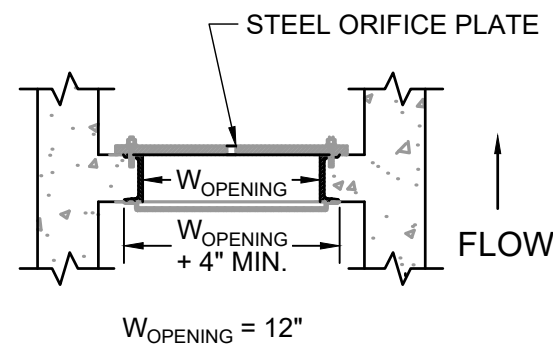


NOTE: EXTENDED BASE
NOT SHOWN FOR CLARITY

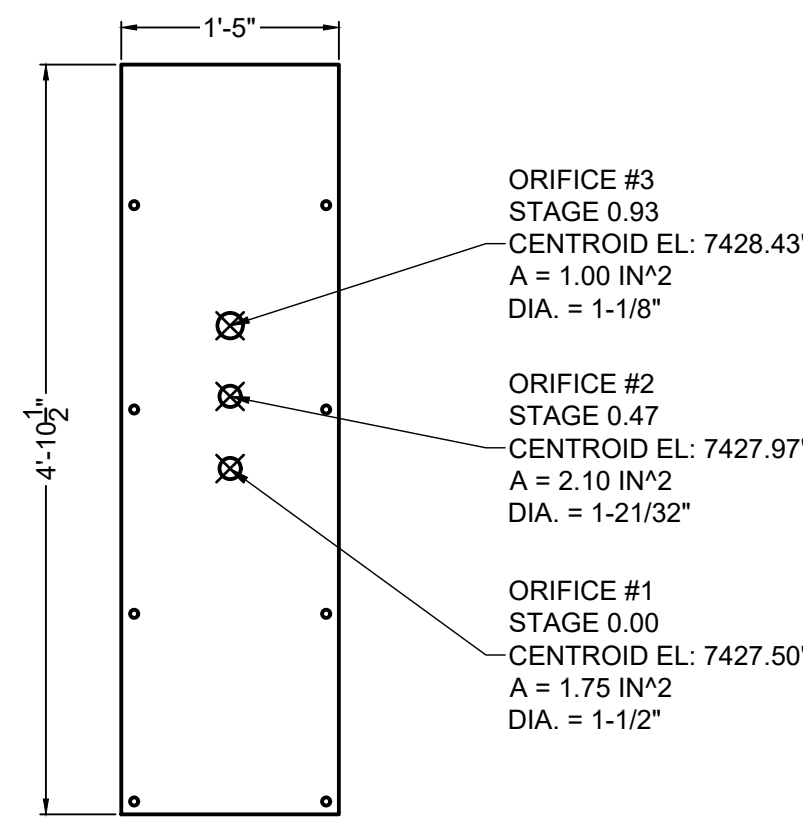
PLAN VIEW
POND B OUTLET STRUCTURE
SCALE: 1" = 1-3/4'



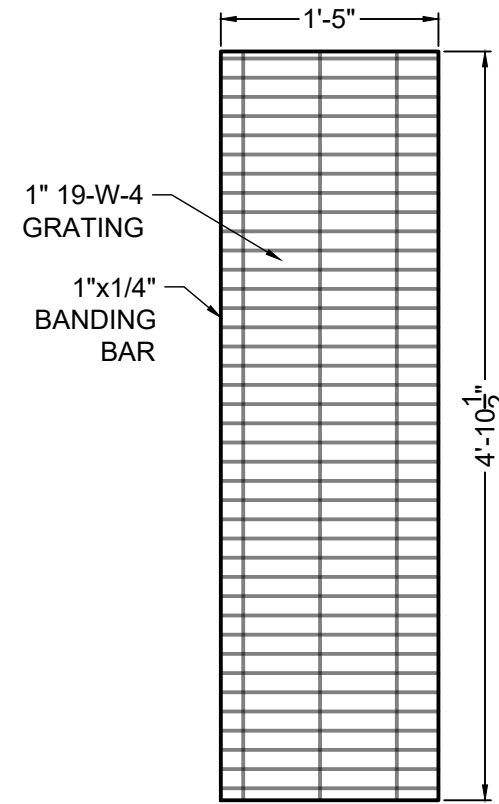
SECTION VIEW A-A
POND B OUTLET STRUCTURE
SCALE: 1" = 1-3/4'



DETAIL
TRASH SCREEN & ORIFICE PLATE
SCALE: NTS



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



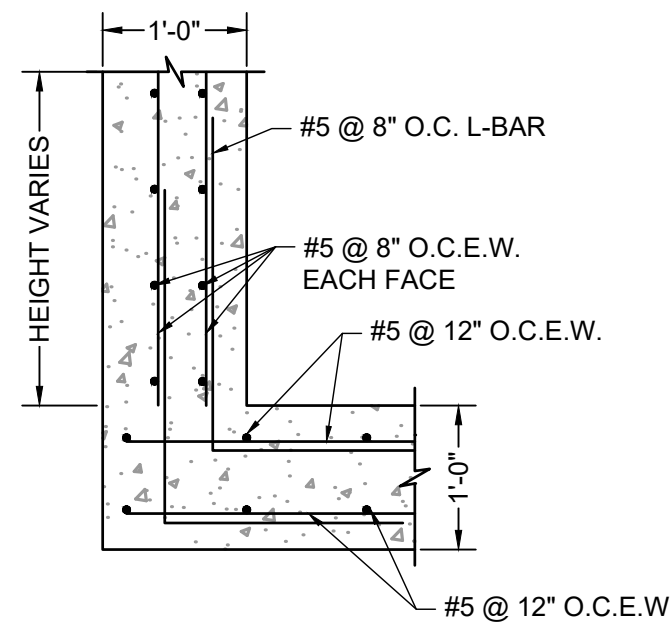
ELEVATION VIEW
TRASH SCREEN DETAIL
SCALE: 1" = 1-1/4'

TRASH SCREEN NOTES:

1. TRASH SCREEN SHALL BE CONSTRUCTED OF 1" THICK 19-W-4 GRATING WITH 1"x1/4" BANDING BAR ON EACH SIDE AND GALVANIZED, MANUFACTURED WITH EXTERIOR BARS IN THE VERTICAL ORIENTATION, OR APPROVED EQUIVALENT AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
2. TRASH SCREEN OPEN AREAS ARE FOR SPECIFIED TRASH RACK MATERIALS. TOTAL TRASH RACK SIZE MAY NEED TO BE ADJUSTED FOR MATERIALS HAVING DIFFERENT OPEN AREA/GROSS AREA RATIO (R VALUE).
3. STRUCTURAL DESIGN OF TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR TRASH SCREEN FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

ORIFICE PLATE NOTES:

1. PLATE TO BE 3/8" THICK GALVANIZED STEEL.
2. BOLT PLATE TO CONCRETE 16" O.C. MAX.
3. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE.
4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ORIFICE PLATE FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.
5. ORIFICE PLATE GASKET SHALL BE MADE OF 1/4-INCH THICK, 60 DUROMETER EPDM RUBBER IN A CONTINUOUS SHEET THE SIZE OF THE ORIFICE PLATE. THE SHEET SHALL BE PLACED BETWEEN THE ORIFICE PLATE AND CONCRETE WALL, WITH THE WIDTH OF THE OVERLAP BETWEEN THE PLATE AND THE CONCRETE. OPENINGS SHALL BE CUT INTO THE SHEET CORRESPONDING TO THE PLATE BOLT HOLES AND THE CONCRETE WALL OPENING. CUTS MADE EITHER BY THE CONTRACTOR IN THE FIELD OR BY THE MANUFACTURER. (OR EQUIVALENT GASKET APPROVED BY EPC).



ELEVATION VIEW
OUTLET STRUCTURE REINFORCING DETAIL
SCALE: NTS

DRAWN BY: CVW	JOB DATE: 8/20/26	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: RDL	JOB NUMBER: 211030.260	0 1"
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NO.	DATE	BY	REVISION DESCRIPTION



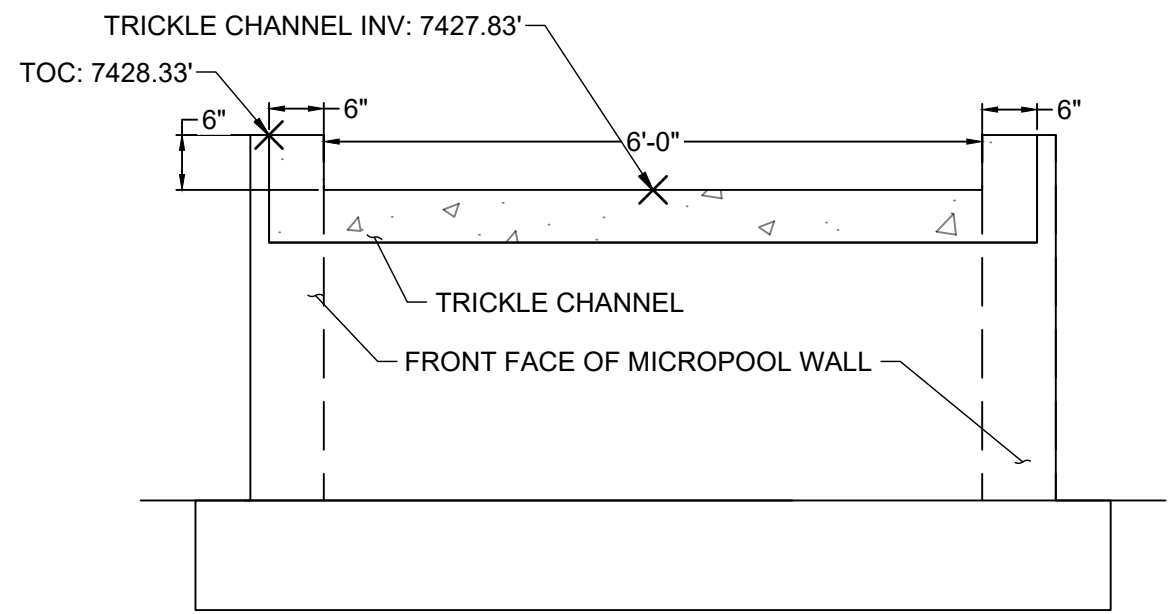
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

FLYING HORSE NORTH FILING 7
PRI #2, LLC.
EL PASO COUNTY, CO

POND DETAILS
POND F2 OUTLET STRUCTURE

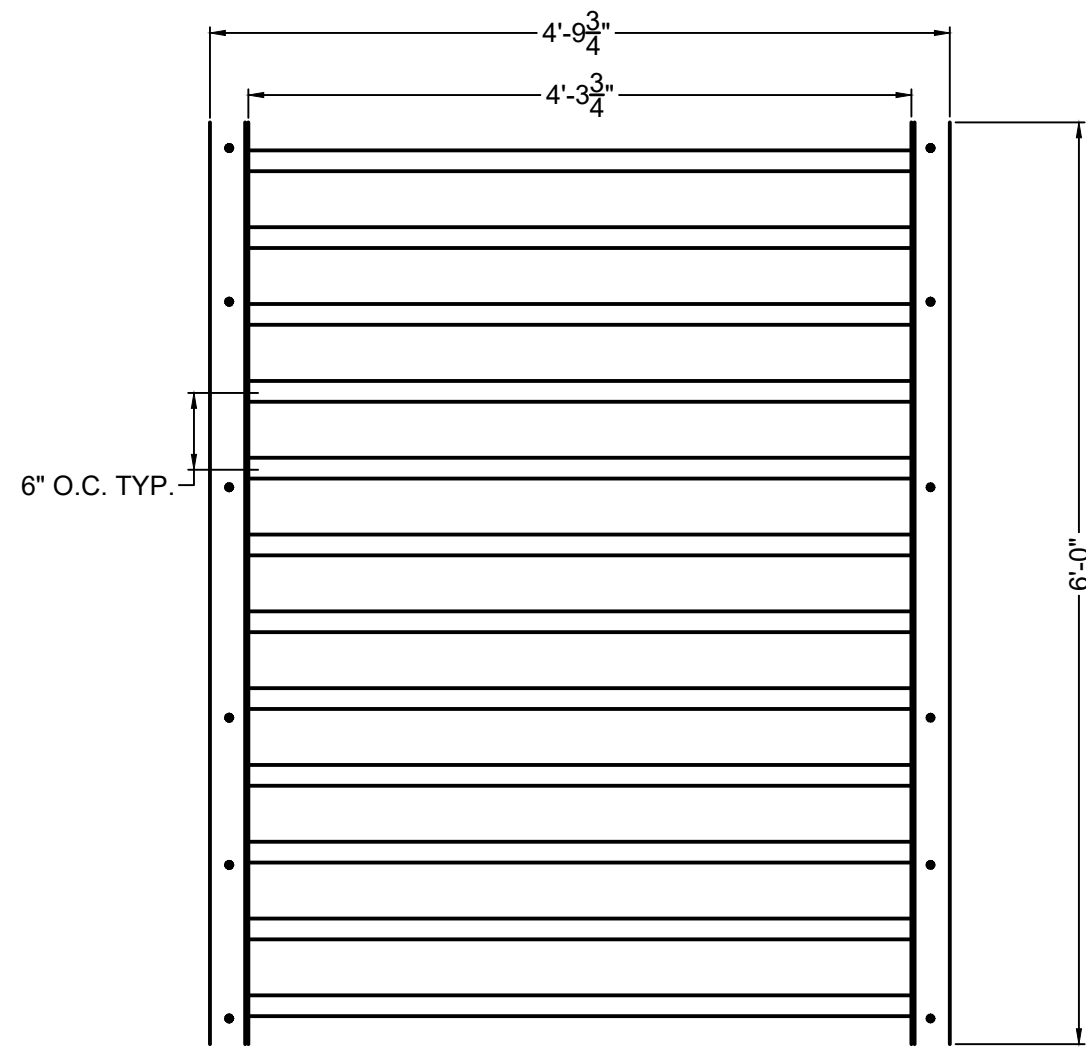
SHEET
PND

30



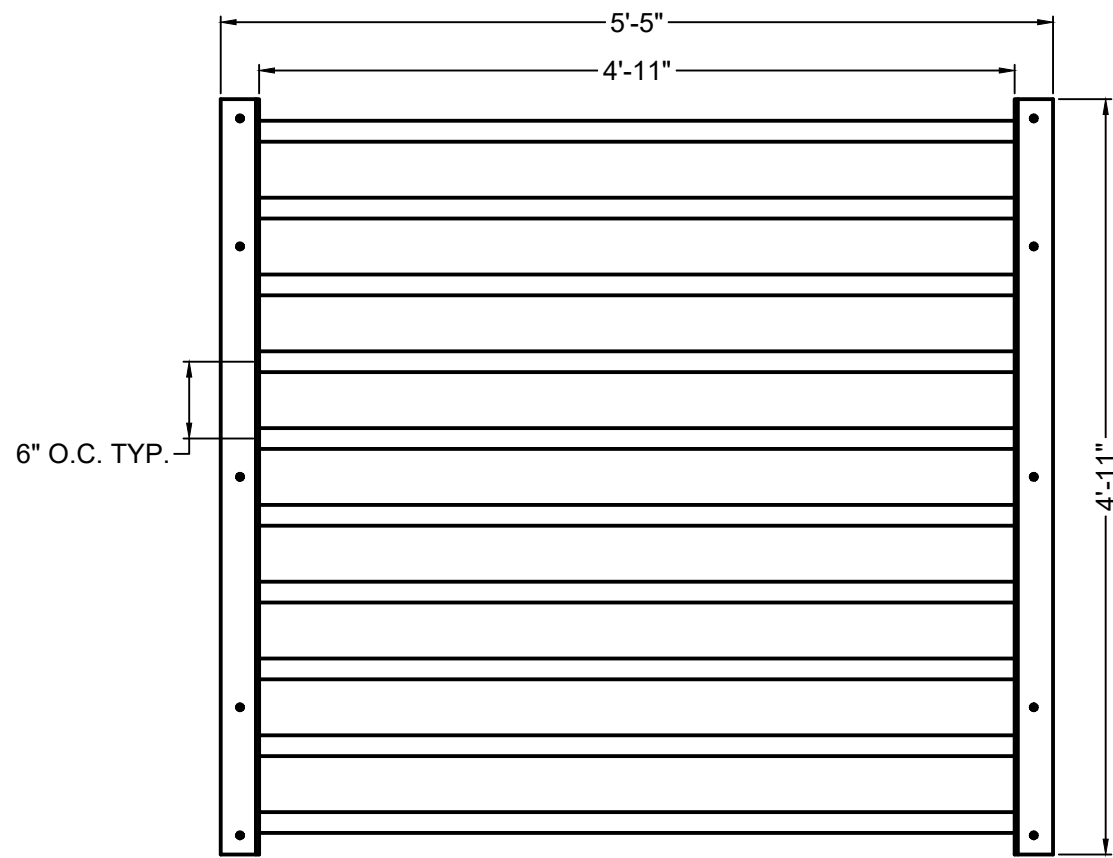
SECTION VIEW B-B
FRONT FACE

SCALE: 1" = 1-1/4'



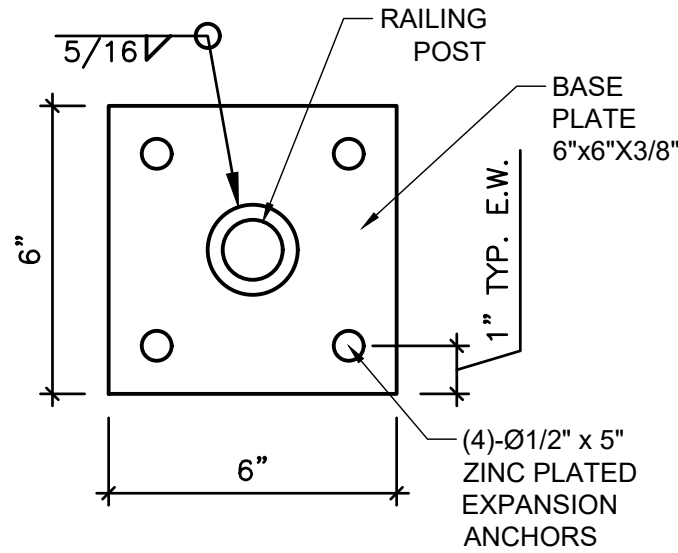
ELEVATION VIEW
MICROPOOL TOP GRATE

SCALE: 1" = 1-1/4'



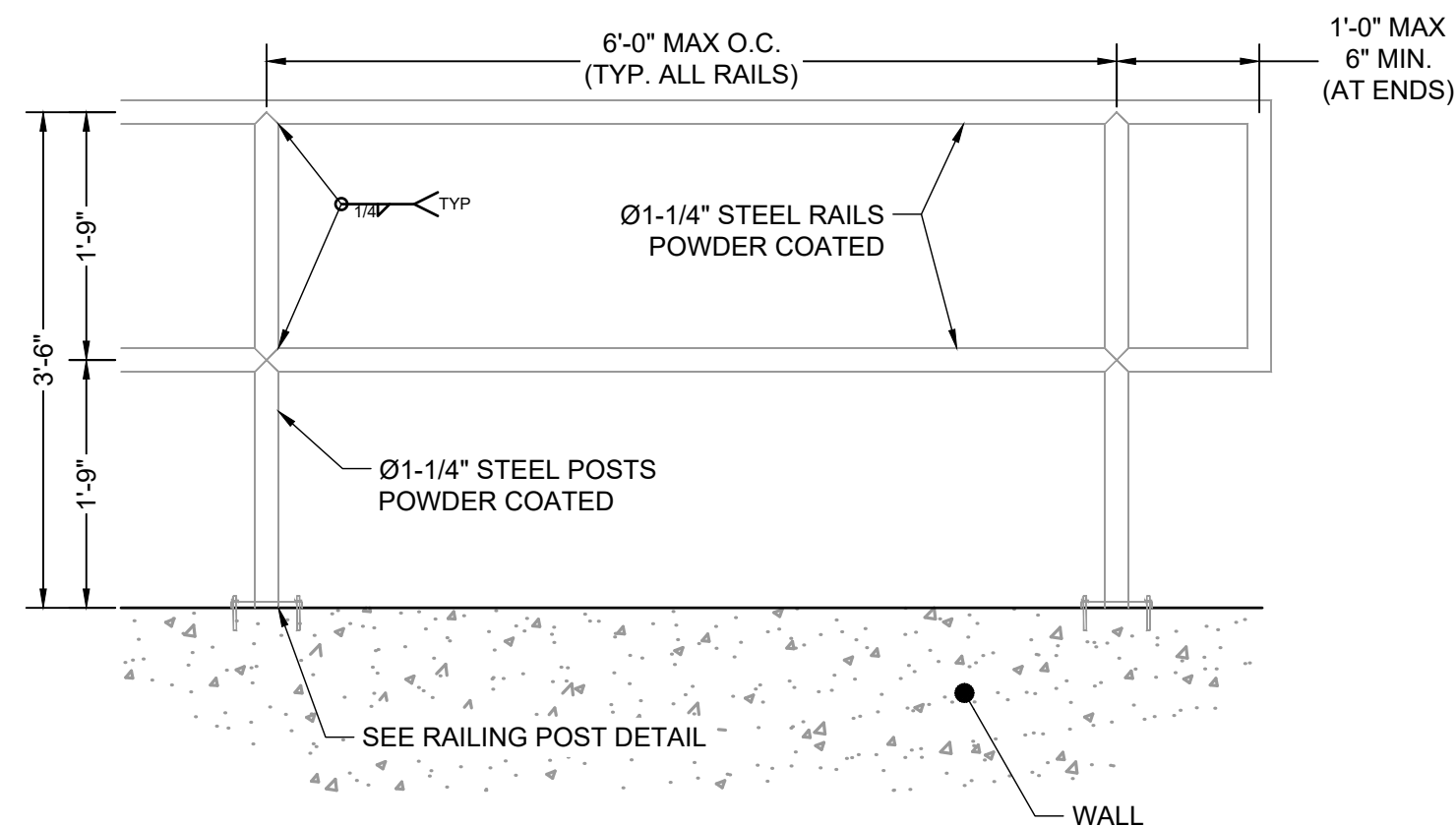
PLAN VIEW
SAFETY GRATE

SCALE: 1" = 1-1/4'



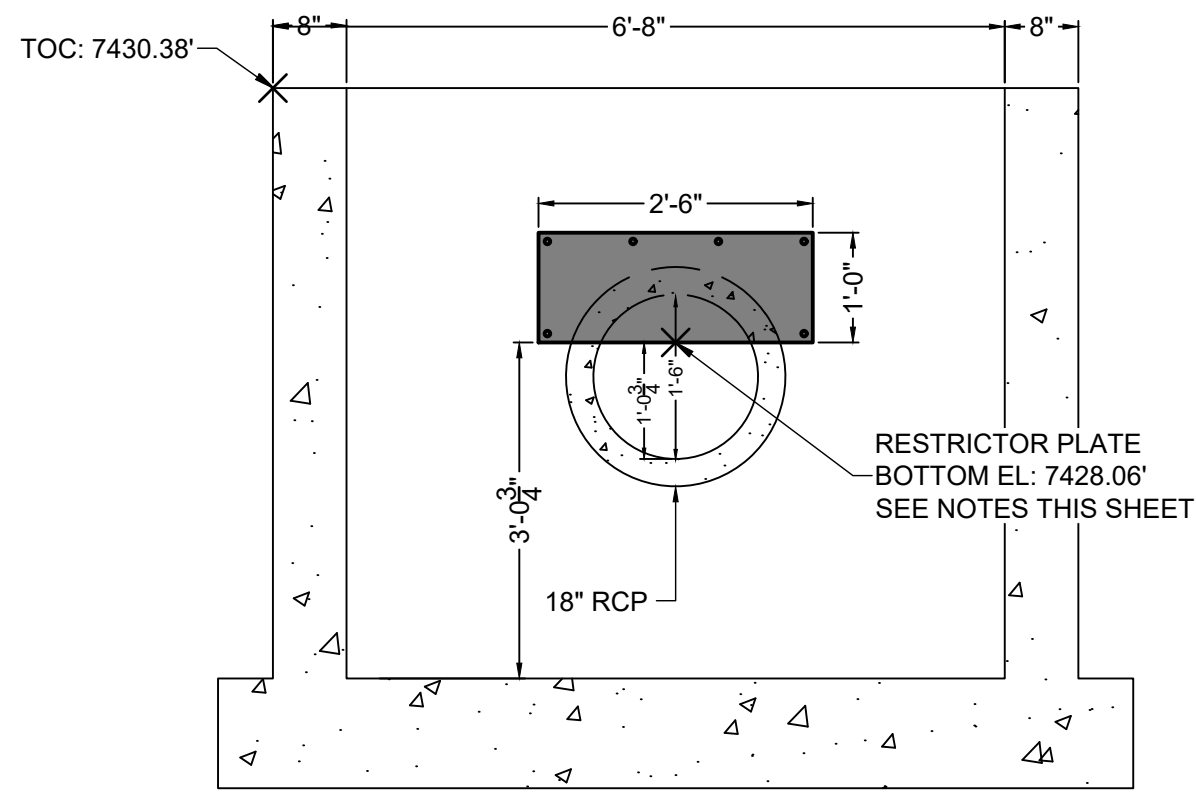
DETAIL VIEW
PEDESTRIAN RAILING POST

SCALE: 3/4" = 1'



DETAIL VIEW
PEDESTRIAN RAILING

SCALE: 3/4" = 1'



SECTION VIEW C-C
RESTRICTOR PLATE

SCALE: 1" = 1-3/4'

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.

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.