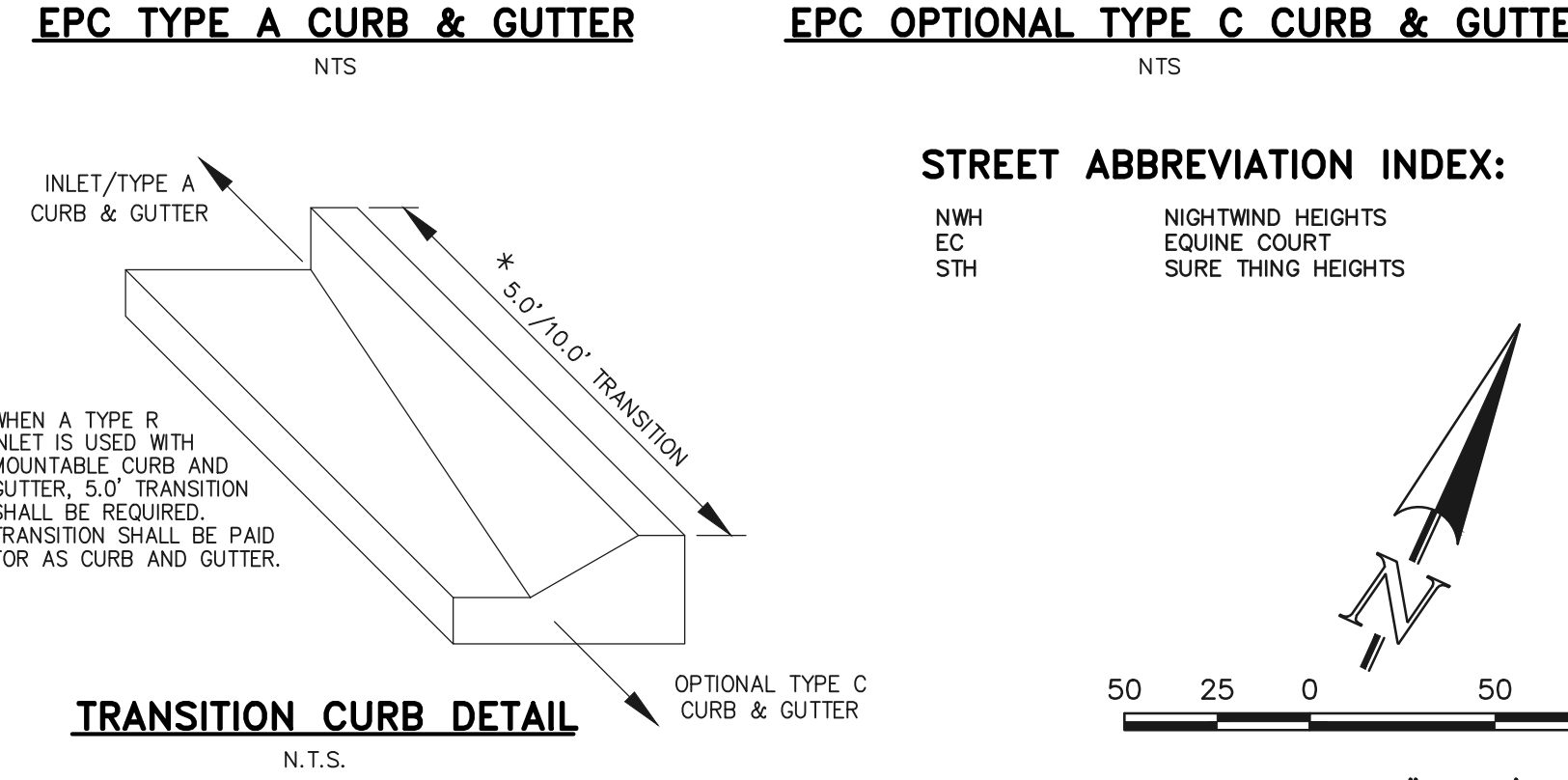
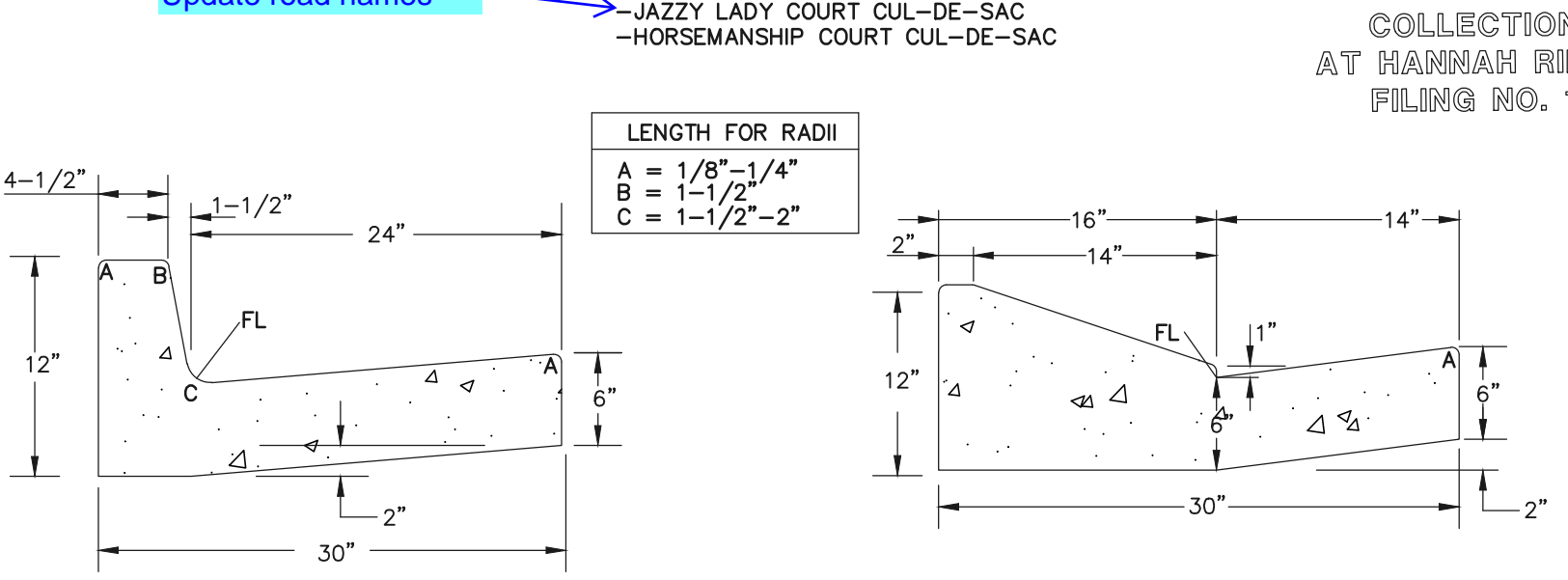


TYPICAL SECTION - 50' R.O.W.
(URBAN LOCAL-LOW VOLUME)
SCALE: 1" = 10'



CENTERLINE LINE TABLE		
BEARING	DISTANCE	
L1 S89°39'18"E	120.00'	
L2 N64°57'41"E	395.80'	
L3 S25°02'19"E	303.40'	

CENTERLINE CURVE TABLE			
DELTA	RADIUS	LENGTH	
C1 25°23'00"	200.00'	88.61'	

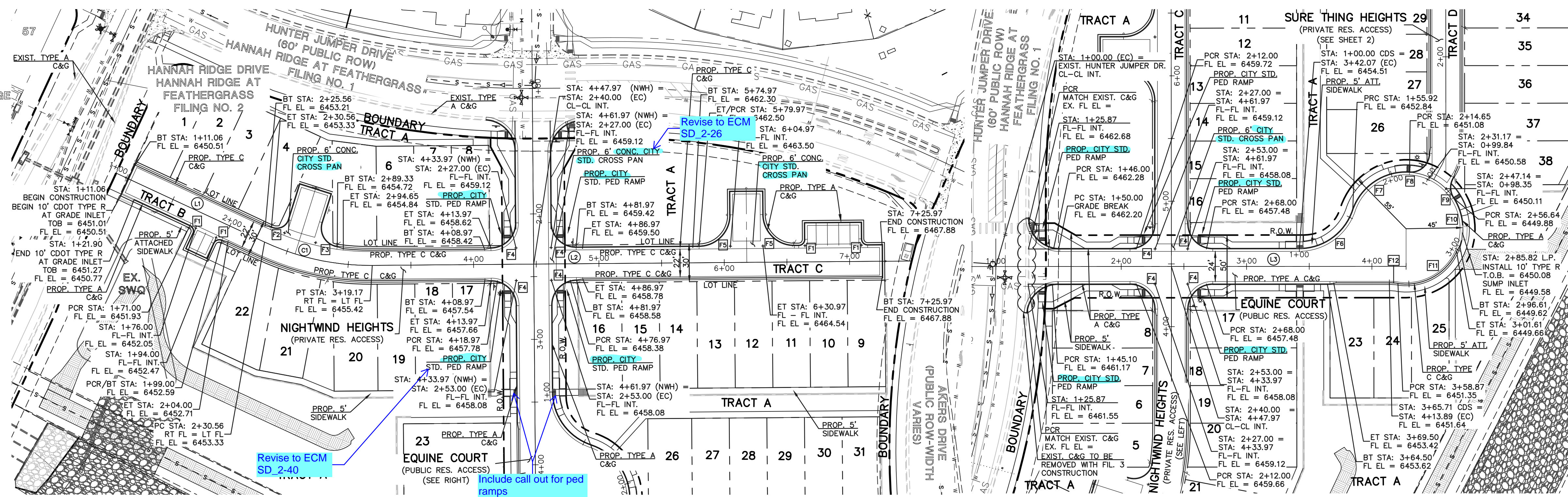
Please add missing sheets, 1 - 5
include standard details
SD 2-26, SD 2-40, SD 2-41,
and SD 2-42

- SIDEWALK NOTES:**
- INSTALL 5" ATTACHED SIDEWALK ONLY WHERE IDENTIFIED ON THE CONSTRUCTION PLANS.
 - ENSURE THAT ALL PEDESTRIAN ACCESS ROUTES COMPLY WITH THE REQUIREMENTS COMPILED IN CDOT DESIGN GUIDE CHAPTER 12.

FL CURB CURVE TABLE			
DELTA	RADIUS	LENGTH	
F1 90°00'00"	5.00'	7.85'	
F2 97°27'59"	10.00'	17.01'	
F3 99°22'08"	15.00'	26.01'	

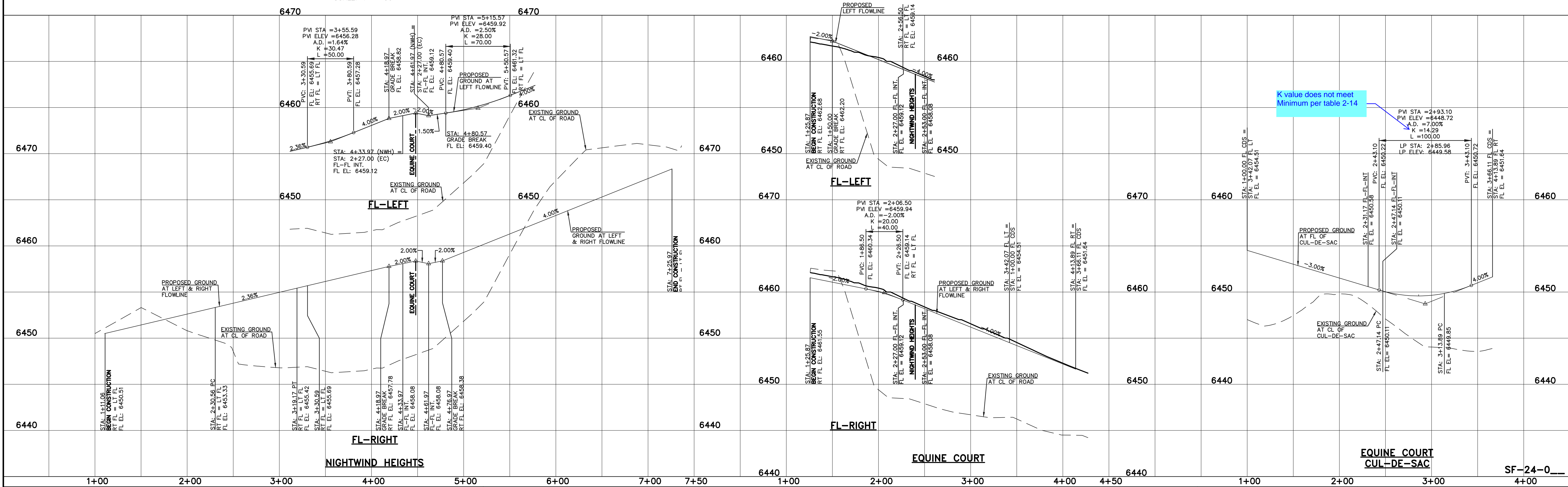
SURE THING HEIGHTS			
F4	90°00'00"	15.00'	23.56'
F5	90°00'00"	25.00'	39.27'
F6	71°12'09"	45.00'	55.92'
F7	74°46'12"	45.00'	58.72'
F8	93°34'02"	15.00'	24.50'

SURE THING HEIGHTS			
F9	66°38'30"	15.00'	17.45'
F10	50°53'36"	45.00'	39.97'
F11	74°17'09"	44.17'	57.26'
F12	08°32'57"	45.83'	6.84'



NIGHTWIND HEIGHTS
(PRIVATE 30' ROW) DESIGN SPEED - 25mph URBAN LOCAL - LOW VOLUME

EQUINE COURT
(PUBLIC 50' ROW) DESIGN SPEED - 25mph URBAN LOCAL - LOW VOLUME



K value does not meet
Minimum per table 2-14

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NO.	REVISION	DATE	REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

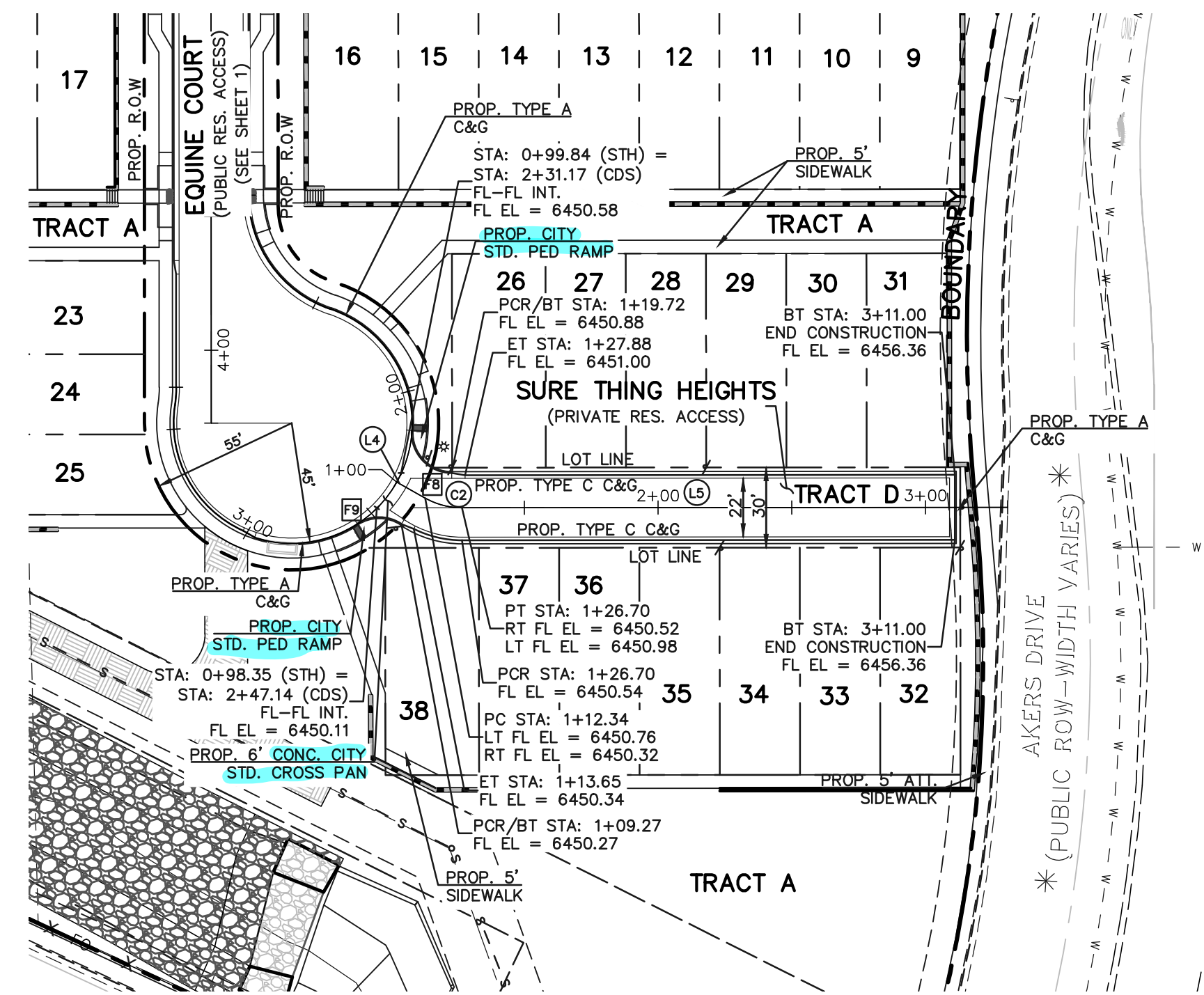
KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE



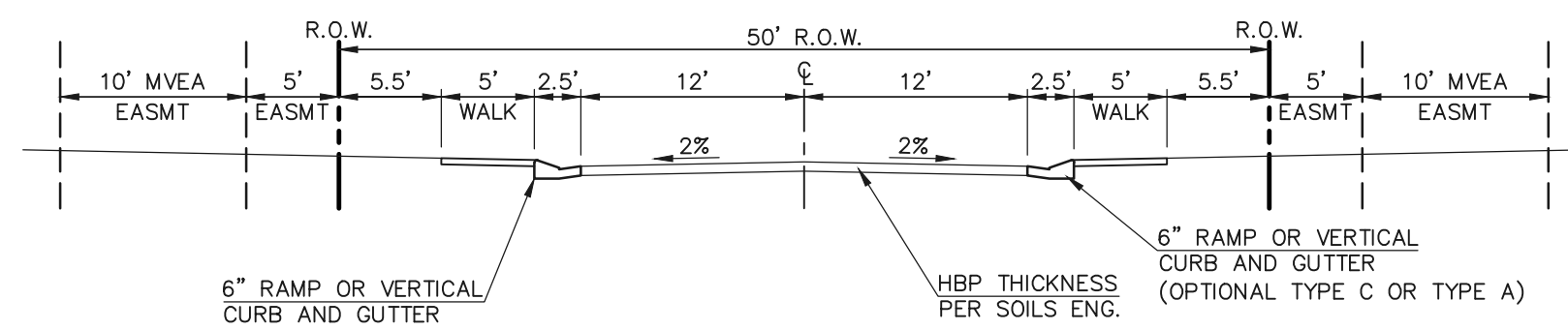
PREAMBLE AT HANNAH RIDGE
FILING NO. 3
STREET IMPROVEMENT PLANS
NIGHTWIND HEIGHTS, EQUINE CT./CUL-DE-SAC

DESIGNED BY	KC	SCALE	DATE	12/23/24
DRAWN BY	KC	(H) 1" = 50'	SHEET	6 OF 16
CHECKED BY	KRC	(V) 1" = 5'	JOB NO.	1116.35

N:\111635\DRAWINGS\CONSTRUCTION\STREETS\06-111635-FL-3-9-01.dwg, 12/23/2024 10:22:30 AM, 1:1



SURE THING HEIGHTS
(PRIVATE 30' ROW) DESIGN SPEED - 25mph URBAN LOCAL - LOW VOLUME



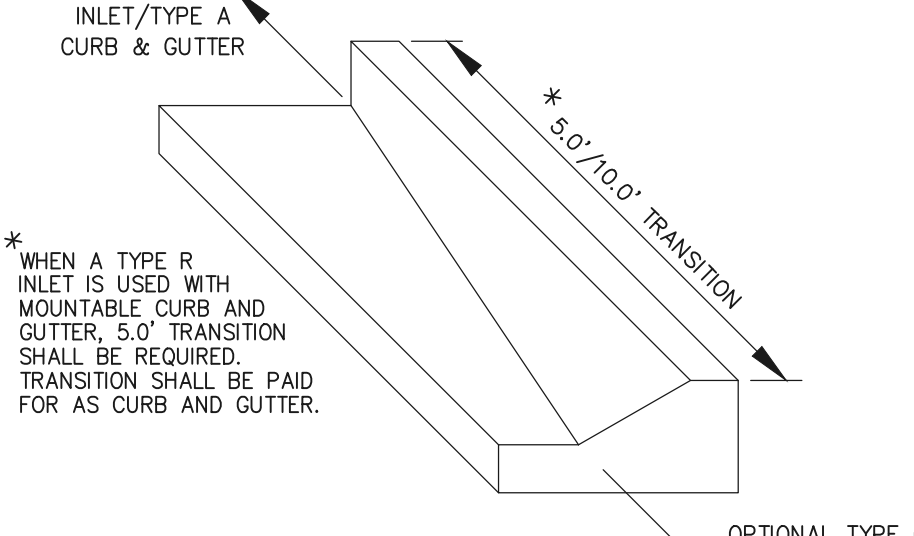
TYPICAL SECTION - 50' R.O.W.
(URBAN LOCAL-LOW VOLUME)
SCALE: 1" = 10'

- SIDEWALK NOTES:**
1. INSTALL 5' ATTACHED SIDEWALK ONLY WHERE IDENTIFIED ON THE CONSTRUCTION PLANS.
 2. ENSURE THAT ALL PEDESTRIAN ACCESS ROUTES COMPLY WITH THE REQUIREMENTS COMPILED IN CDOT DESIGN GUIDE CHAPTER 12.

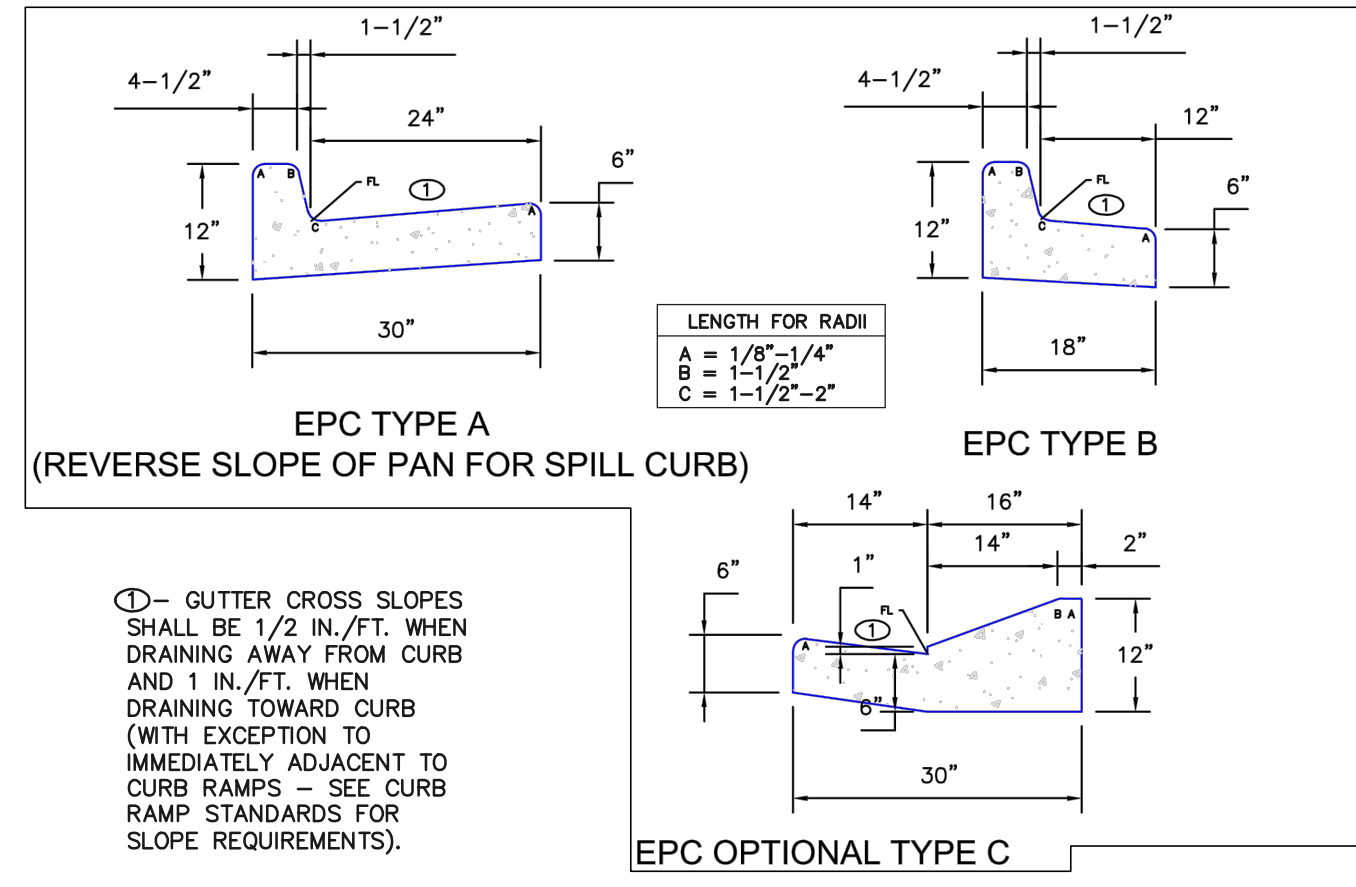
CENTERLINE LINE TABLE			CENTERLINE CURVE TABLE			
BEARING	DISTANCE		DELTA	RADIUS	LENGTH	
L4	S85°39'24"E	12.34'	C2	29°22'54"	28.00'	14.36'
L5	N64°57'41"E	184.30'				

STREET ABBREVIATION INDEX:

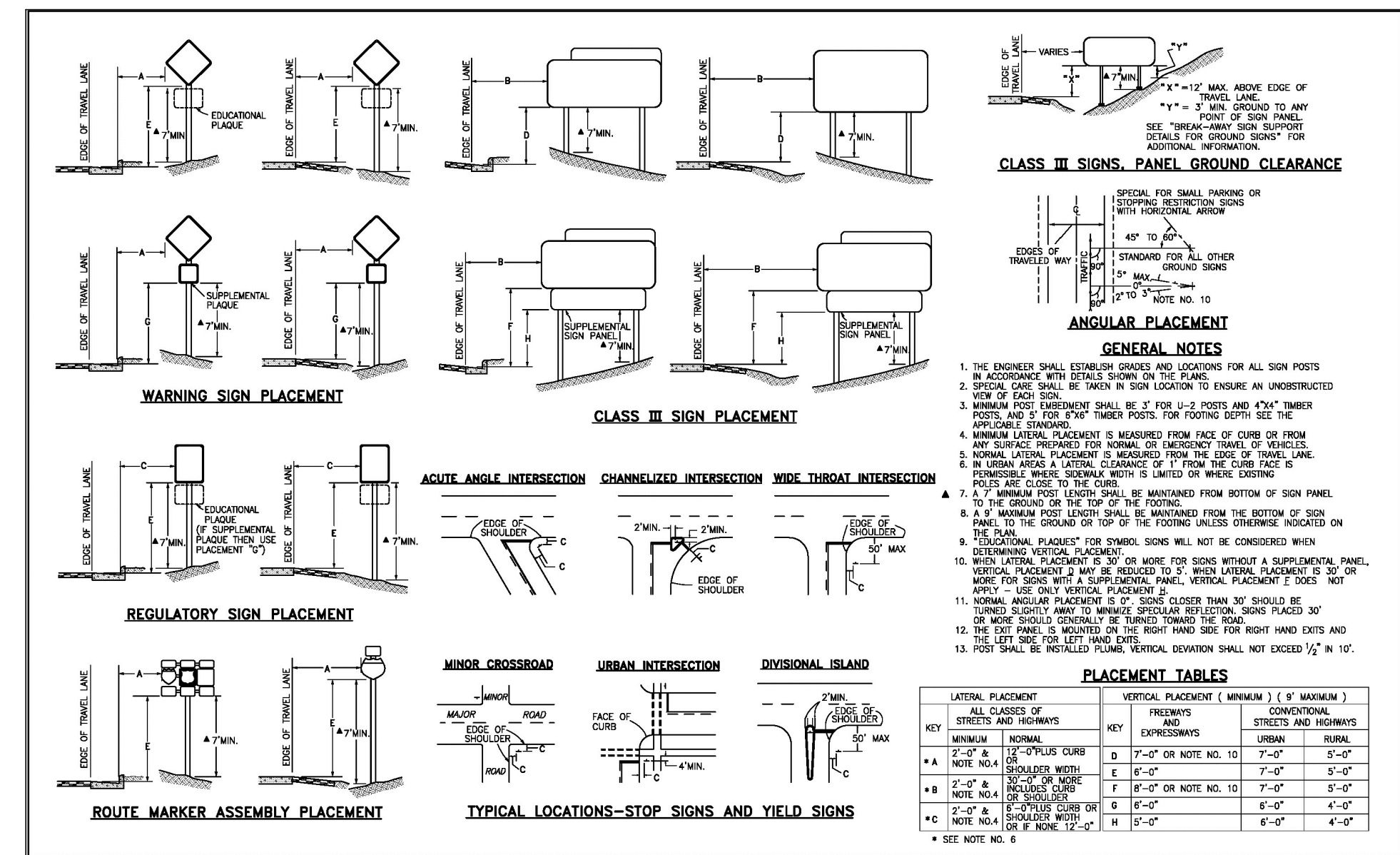
- NWH
- EC
- STH
- NIGHTWIND HEIGHTS
- EQUINE COURT
- SURE THING HEIGHTS



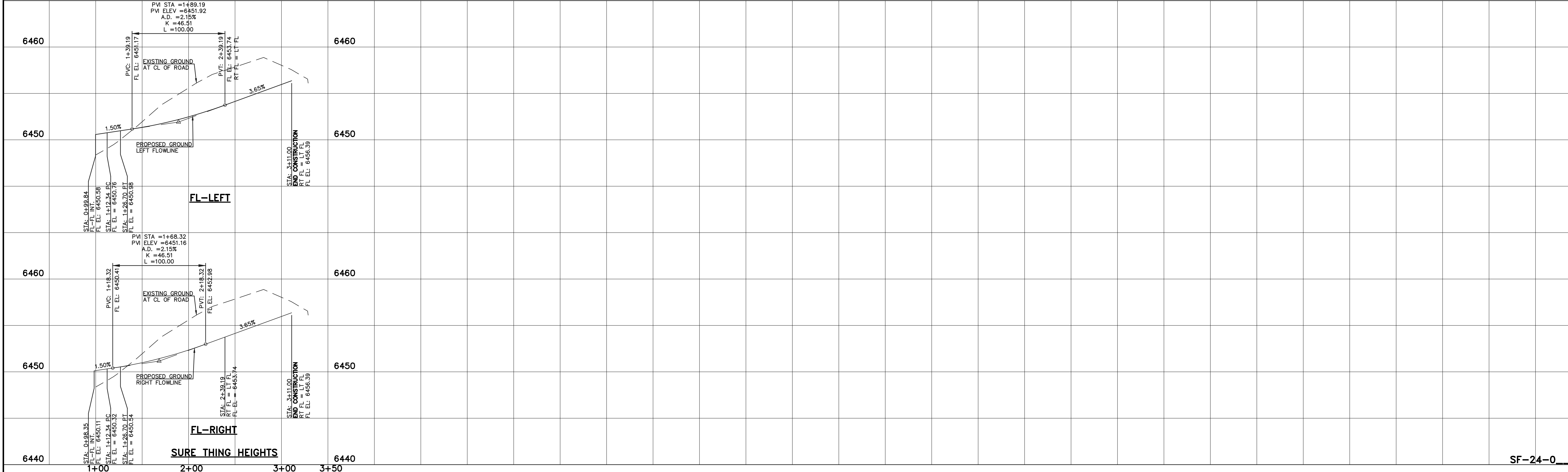
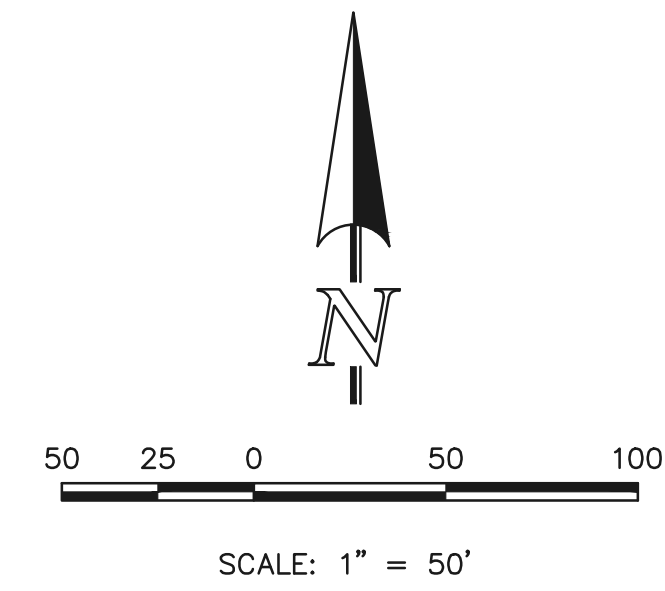
TRANSITION CURB DETAIL
N.T.S.



CURB AND GUTTER DETAILS



TYPICAL GROUND SIGN PLACEMENT



SF-24-0

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NO.	REVISION	DATE

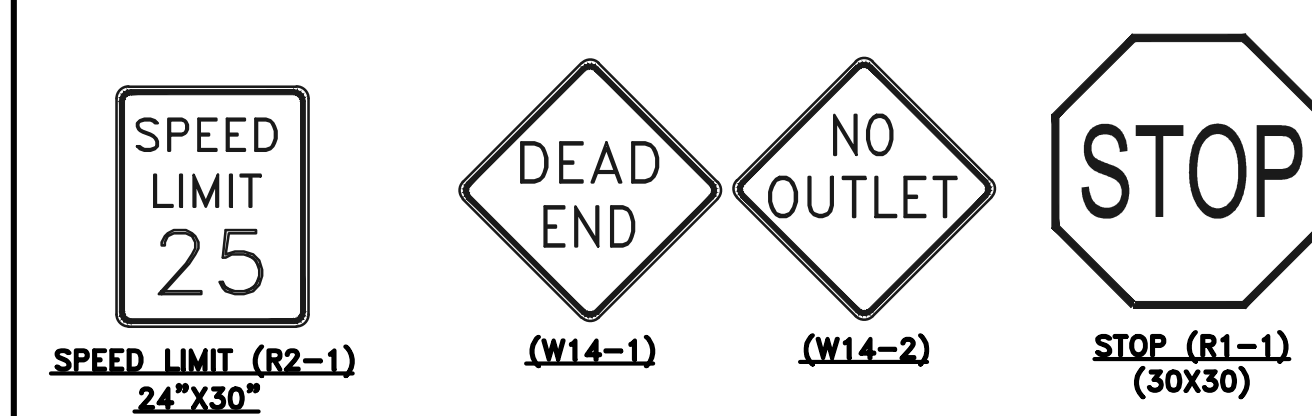
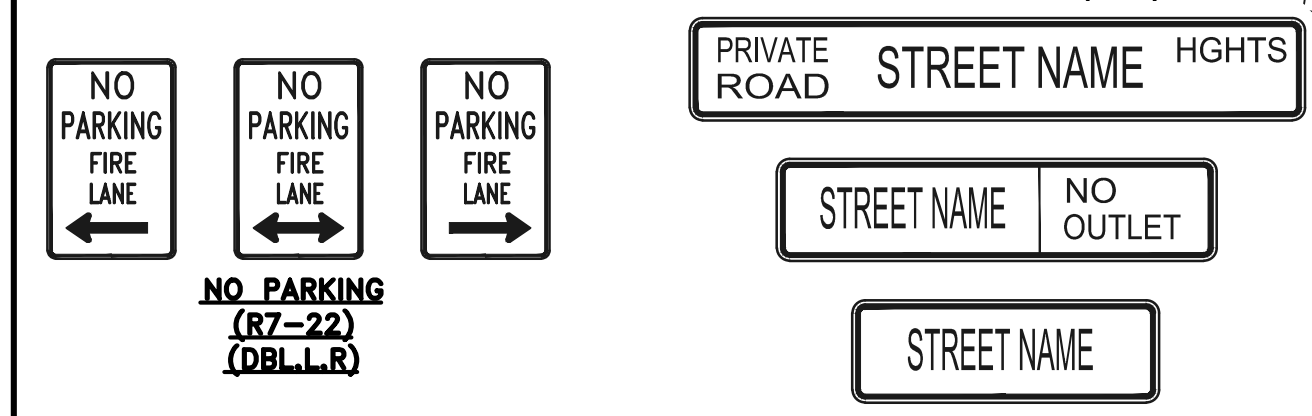
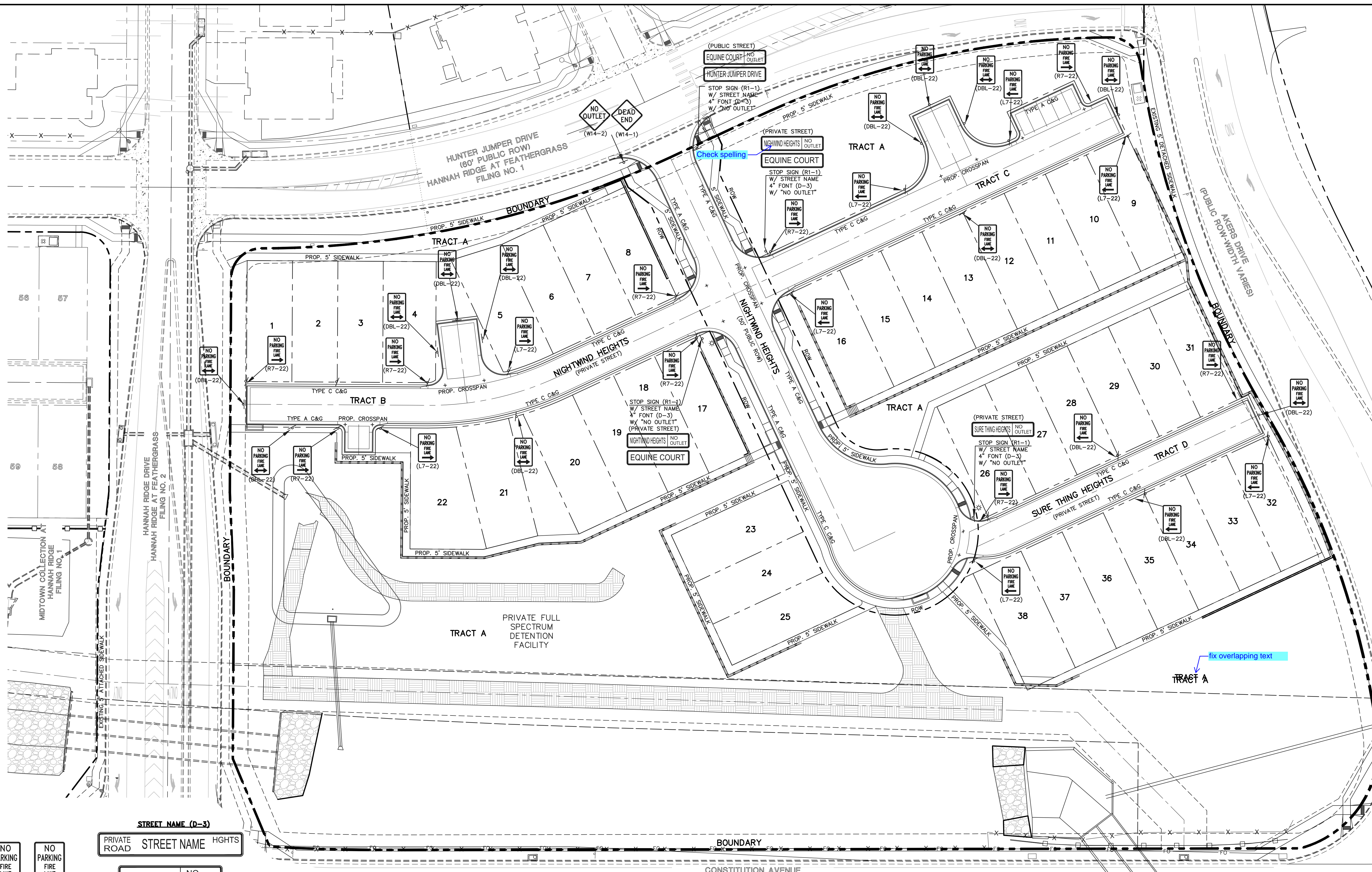
REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE

PREAMBLE AT HANNAH RIDGE
FILE NO. 3
STREET IMPROVEMENT PLANS
SURE THING HEIGHTS

DESIGNED BY	KC	SCALE	DATE	12/23/24
DRAWN BY	KC	(H) 1" = 50'	SHEET	7 OF 16
CHECKED BY	KRC	(V) 1" = 5'	JOB NO.	1116.35



NOTE:
 ALL INTERNAL SIGNS SHALL BE:
 4" FONT LETTER SIZE
 6" FONT LETTER SIZE ON ALL STREETS
 POSTED 30MPH OR GREATER

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619 N. Cascade Avenue, Suite 200
 Colorado Springs, Colorado 80903
 (719) 785-0790
 (719) 785-0799 (Fax)

PREAMBLE AT HANNAH RIDGE
 FILING NO. 3
 STREET IMPROVEMENT SIGNAGE PLAN

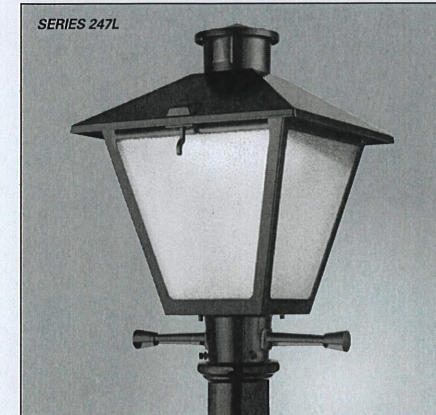
DESIGNED BY: KC SCALE: DATE: 12/23/24
 DRAWN BY: KC (H) 1" = 30' SHEET 8 OF 16
 CHECKED BY: KRC (V) 1" = N/A JOB NO. 1116.35

SF-24-0

N:\11635\DRAWINGS\CONSTRUCTION\STREETS\08-11635-PL-3-03.dwg, 12/23/2024 10:45:02 AM, 1:1

DLC
PRODUCT OVERVIEW

American Revolution LED Series 247L



Features:

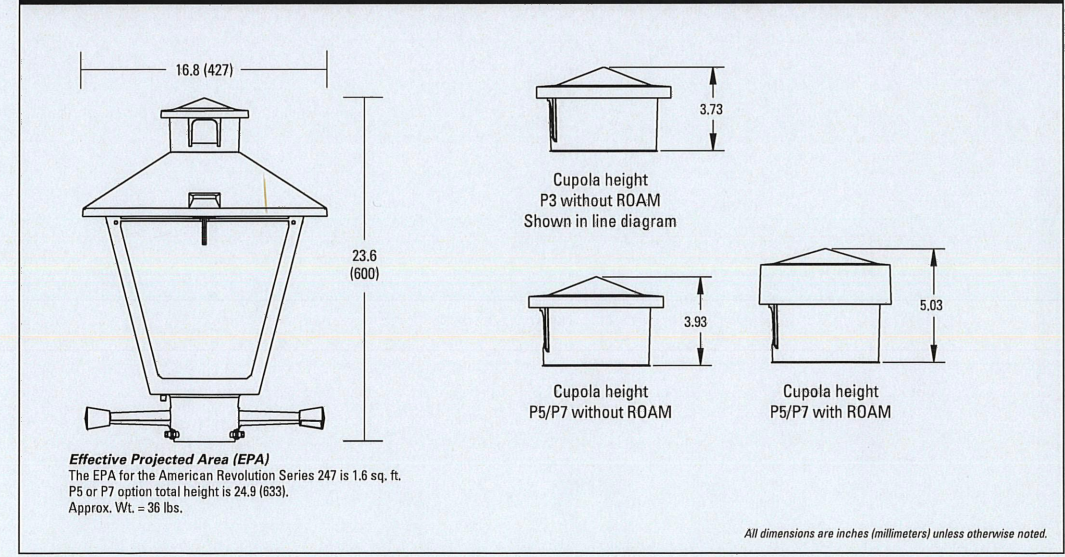
- Die-cast aluminum housing and hood for long-life performance
- Die-cast trigger latch (TL) and captive thumb screws option available for easy access to internal components
- Optical assembly designed for maximum performance, available in Type II, Type III and Type V
- Hinged hood and captive thumb screws provision afford quick, easy access to electrical and optical areas for servicing
- Splitter with three set screws allows secure installation to pole sizes 2.38" or 2" O.D.
- Surge protection device (standard) exceeds ANSI C82.41 Category C1 criteria (surge tested at 1kV/5kA)
- Complies with ANSI: C136.2, C136.10, C136.15
- CSA listed and suitable for up to 20°C ambient
- Rated CUL LED life greater than 100,000 hours at 20°C
- Reduces up to 100W WPS light source incandescent models
- LED electronic DV-10V dimmable driver
- Designlights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/DPL to confirm which versions are qualified.

Applications:

- Streetscapes
- Walkways
- Pathways
- Parks

MV&A SPEC • 247L 10LEDE10 MVOLT 4K RS AY PCLL

DIMENSIONS



Note: Specifications subject to change without notice.
American Revolution Series 247L LED



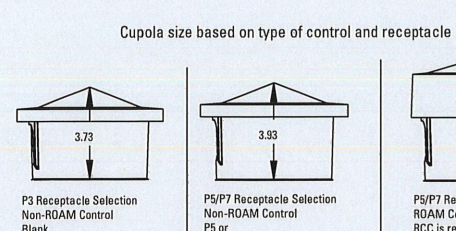
American Revolution LED Series 247L

ORDERING INFORMATION

Example: 247L 20LEDE10 MVOLT 4K RS AY

Series	Performance Package	Voltage	Color Temperature (CCT)
247L American Revolution LED	20LEDE10 20 Chips, 1000 mA Driver, 72 input watts 10LEDE10 10 Chips, 100 mA Driver, 45 input watts 10LEDE10 10 Chips, 100 mA Driver, 25 input watts 10LEDE10 10 Chips, 100 mA Driver, 18 input watts 10LEDE10 10 Chips, 100 mA Driver, 10 input watts	MVOLT Multi-volt, 120-277V 347 347V 480 480V	4K 4000K 5K 5000K

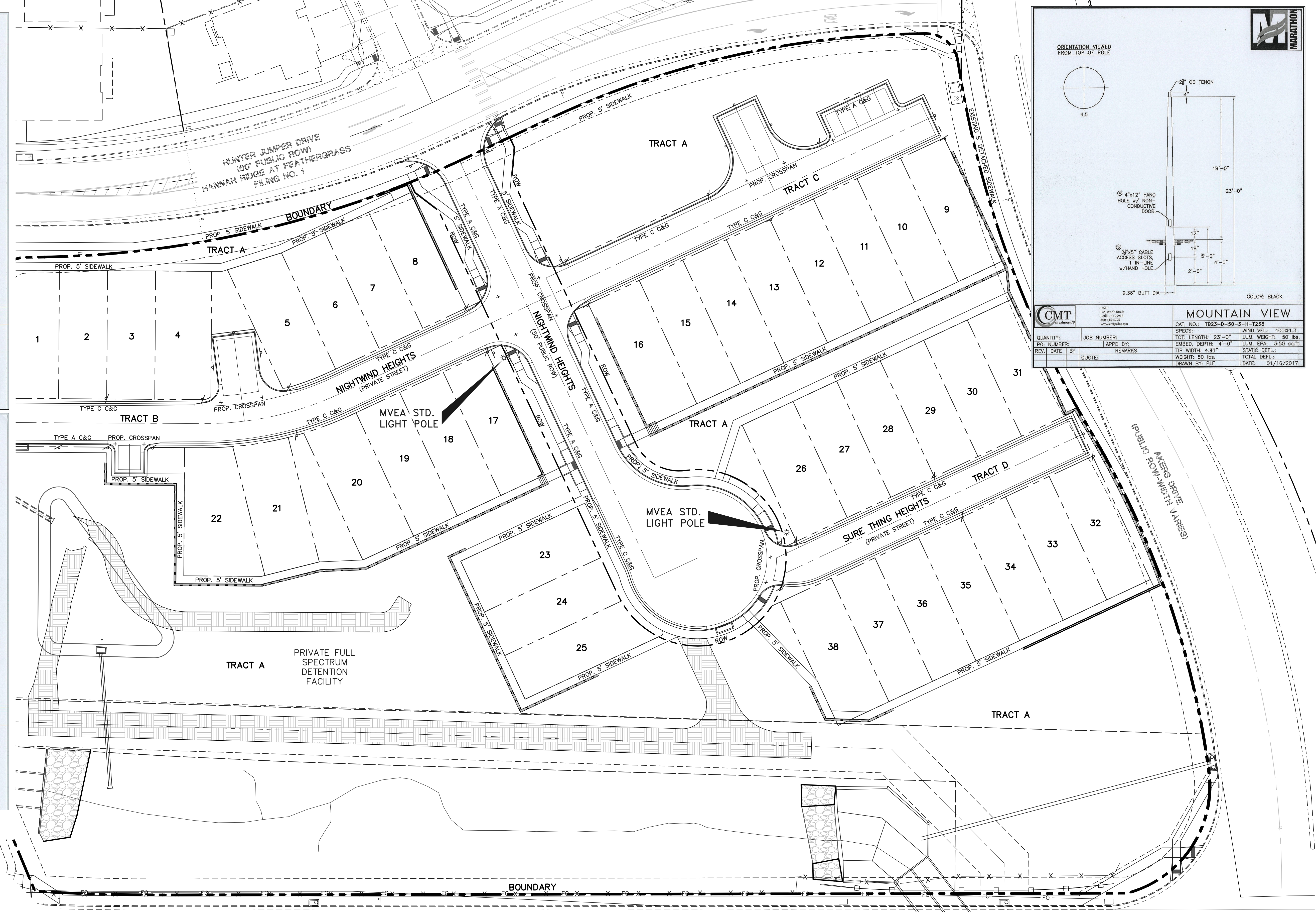
Interpretation	Options	Options
R2 Type II R3 Type III R5 Type V	AY Acrylic PY Polycarbonate	Finish 1 Black (standard) 01 Grey 02 Dark Bronze 03 White 04 Bronze Miscellaneous SS Stainless steel hardware NEMA NEMA Lamp NL Not CSA Listed LSD Lead Solder Free SH Shielding Cap SH1 Not CSA Listed Shielding Cap HSR House Side Shield Black HSW House Side Shield White CR Enhanced Corrosion Resistant Finish RDC1 RDM Dimming Node Capless Cover
	Photocell (obsk) M1 2-pin NEMA Photocell Receptacle (standard) M2 No Photocell Receptacle P1 2-pin NEMA Photocell Receptacle (dimming driver included) P2 2-pin NEMA Photocell Receptacle (dimming driver included) PCLL Solid State Long Life Photocell PCLL Not CSA Listed Solid State Long Life Photocell (120-277V)	Accessories RDC2 RDM Dimming Node Capless Cover



- Notes:**
- Other colors available, please contact factory
 - PC and SH not available with SH option
 - Taller cap cover (RDC) is required when used with ROAM or other similar wireless monitoring control systems
 - Standard fixture model "Full DC"
 - Photocells supplied with ANSI Standard Turn-On levels
 - XL option is required
 - Ships with unit, field installed
 - Required when using ROAM or other similar wireless monitoring control systems



Warranty: Five-year limited warranty. Complete warranty terms located at www.ael.com. All rights reserved. ESOB17



ORIENTATION VIEWED FROM TOP OF POLE

COLOR: BLACK

CMT		MOUNTAIN VIEW	
QUANTITY:	JOB NUMBER:	CAT. NO.:	T823-D-50-3-H-1238
PO. NUMBER:	APPRO BY:	SPECS:	TOT. LENGTH: 23'-0" LUM. WEIGHT: 50 lbs.
REV. DATE BY:	REMARKS:	EMBED. DEPTH: 4'-0"	TIP WIDTH: 4'-11" LUM. EPA: 3.50 sq.ft.
QUOTE:		WEIGHT: 50 lbs.	STATIC DEFL.: TOTAL DEFL.:
		DRAWN BY: PLF	DATE: 01/16/2017

LIGHT POLE NOTES:
ALL LIGHT FIXTURES MOUNTED WITHIN 15' OF ANY RESIDENTIAL PROPERTY LINE OF THE SITE SHALL BE CLASSIFIED AS IES TYPE II OR TYPE III, OR FIXTURE DEMONSTRATED TO PROVIDE SIMILAR DISTRIBUTION PATTERNS AND SHIELDING PROPERTIES. FIXTURES SHALL BE FITTED WITH "HOUSE SIDE SHIELD" REFLECTORS ON THE SIDES FACING THE RESIDENTIAL PROPERTY LINE. LDC 6.2.3

HEIGHT, NO FREESTANDING LIGHT FIXTURES SHALL BE MOUNTED HIGHER THAN 15 FEET, EXCEPT PARKING LOT LIGHT FIXTURES WHICH SHALL BE MOUNTED NO HIGHER THAN 20 FEET UNLESS AN ALTERNATIVE LIGHTING PROPOSAL IS APPROVED IN ACCORDANCE WITH THIS CODE. LDC 6.2.3

LIGHT POLE OWNERSHIP AND RESPONSIBILITY:

DEVELOPER RESPONSIBLE FOR COST OF POLE DESIGN AND INSTALL

MVEA OWNS AND MAINTAINS LIGHT POLES UPON INSTALL

LOCAL DISTRICT/HOA RESPONSIBLE FOR LIGHT POLE ELECTRICITY COSTS

LIGHT POLE LOCATION WITHIN URBAN ROADWAY:

CRITERIA PER ECM 4.3.5.D.2

URBAN LOCAL CLEAR ZONE = 12'

POLE LOCATION = 6.5' MIN. FROM TBC AND 1.0' INSIDE 50' ROW

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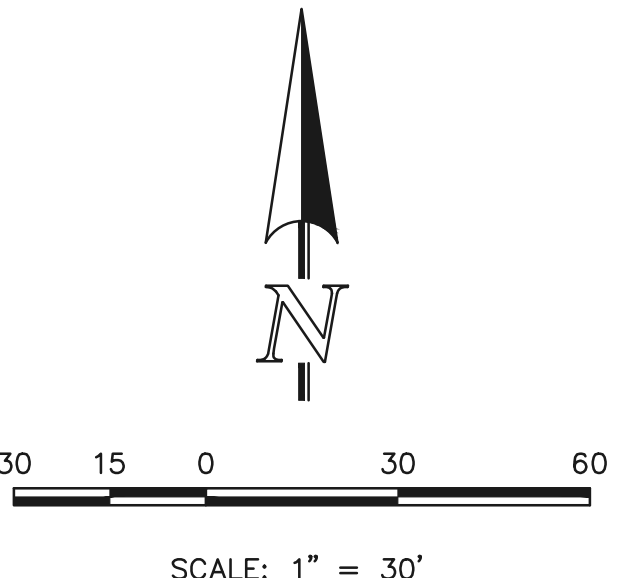
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903
(719) 785-0790
(719) 785-0799 (Fax)

PREAMBLE AT HANNAH RIDGE FILING NO. 3 STREET LIGHT POLE LOCATION PLAN

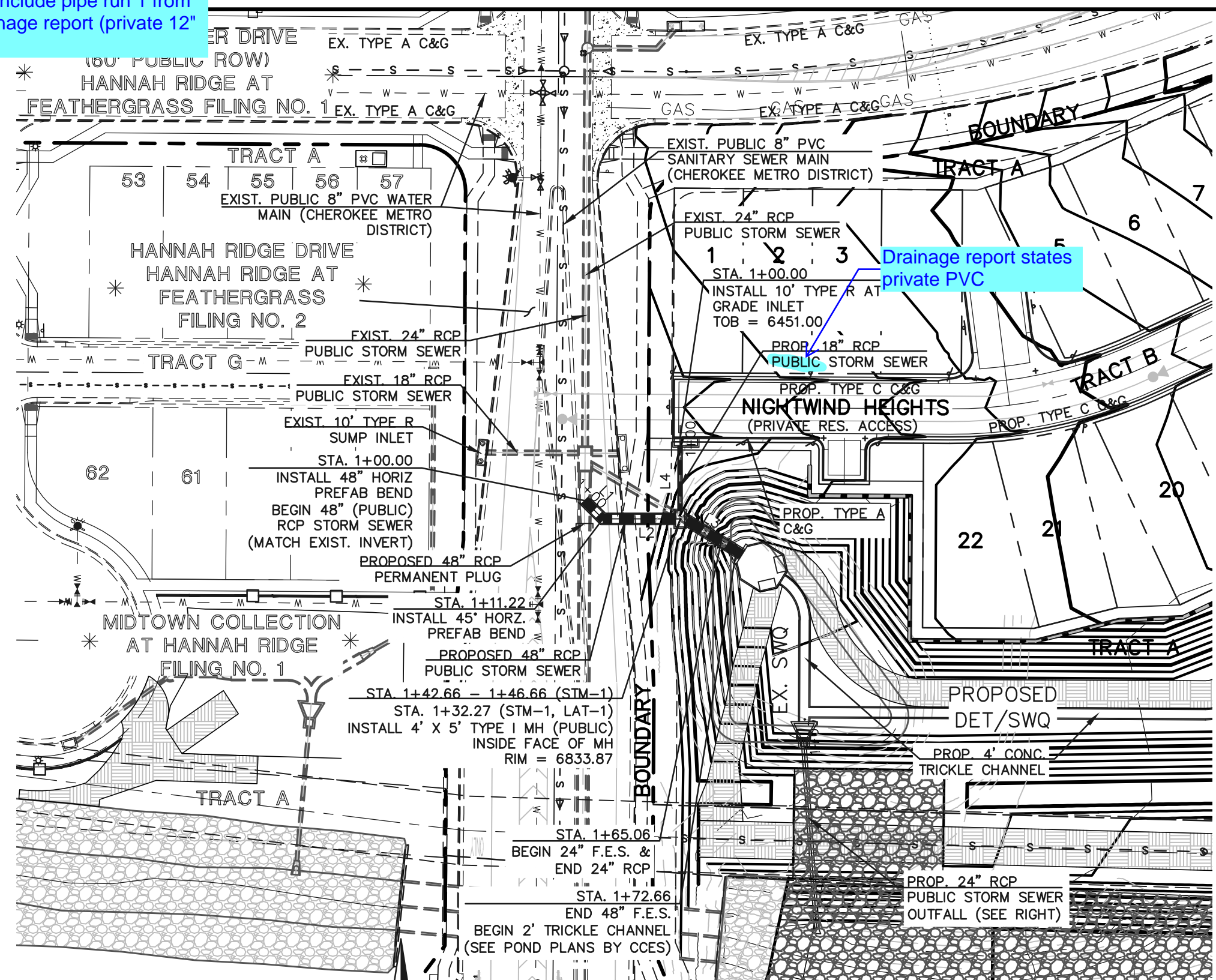
DESIGNED BY	KC	SCALE	DATE	12/23/24
DRAWN BY	KC	(H) 1" = 30'	SHEET	9 OF 16
CHECKED BY	KRC	(V) 1" = N/A	JOB NO.	1116.35



SF-24-0

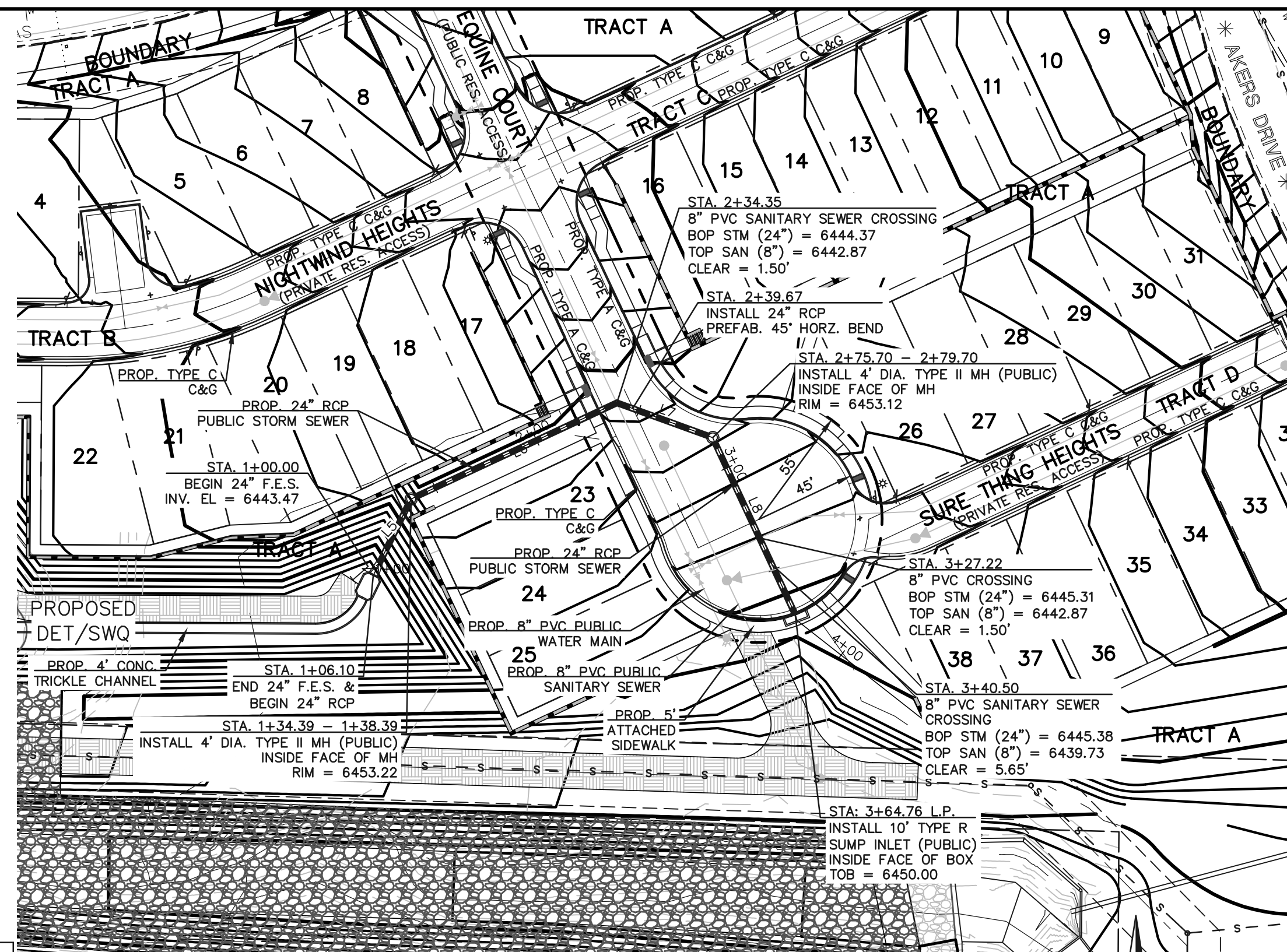
N:\11635\DRAWINGS\CONSTRUCTION\STREETLIGHTS\11635-PL-3-04.dwg, 12/23/2024 10:52:21 AM, 11

Please include pipe run 1 from the drainage report (private 12" PVC)

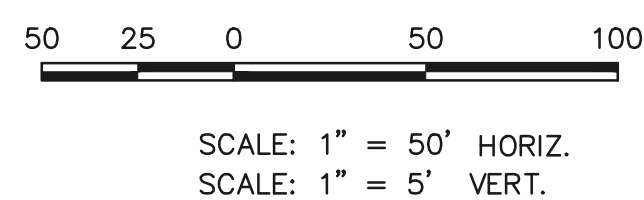


PRIVATE STORM SEWER RUN 1 & RUN 1 LATERAL 1

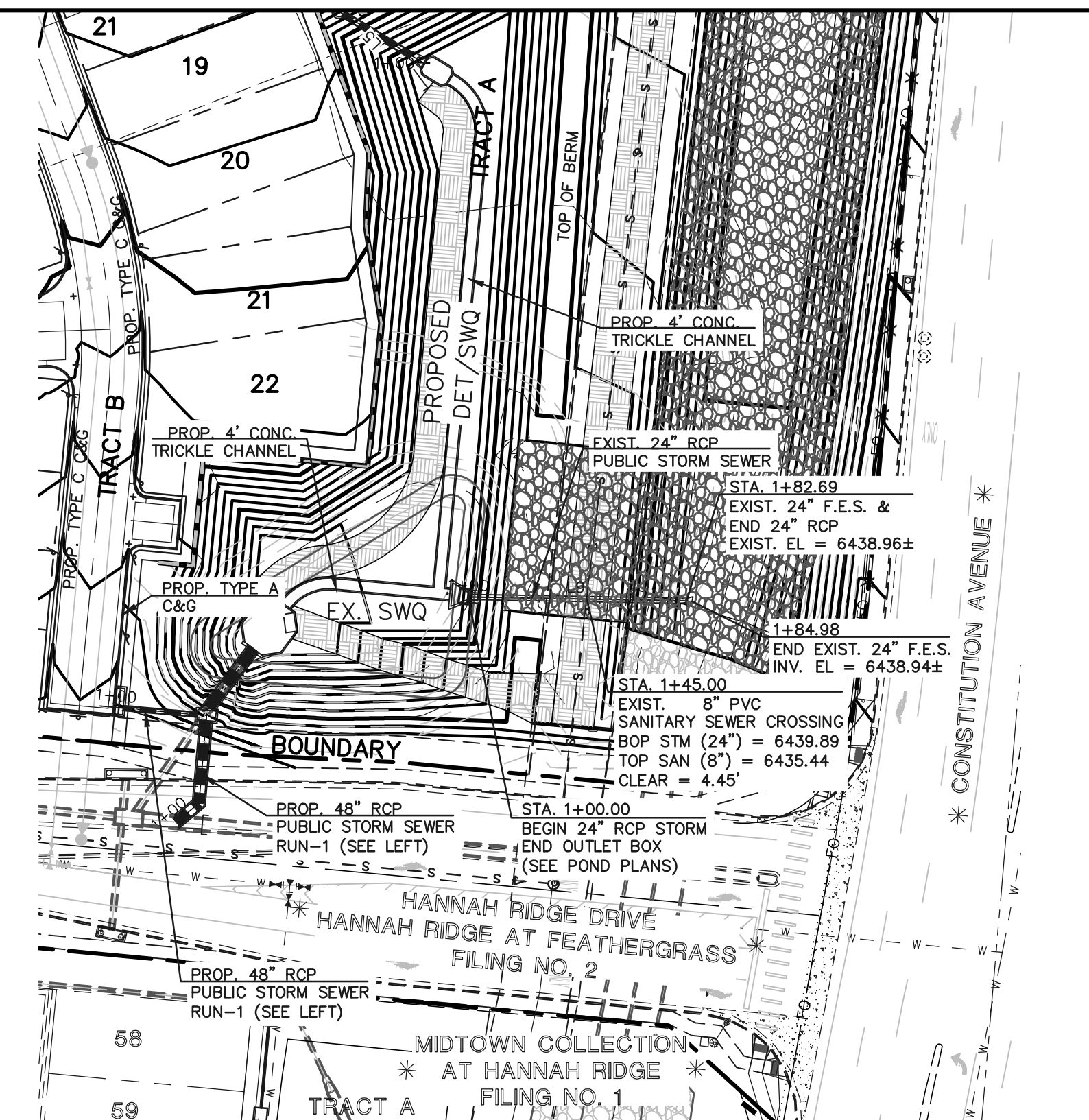
LINE	LENGTH	BEARING
L1	8.41	S45°00'00"E
L2	31.44	N90°00'00"E
L3	18.40	S60°00'00"E
L4	29.27	N00°00'00"E
L5	28.29	N42°27'41"E
L6	101.29	N64°57'41"E
L7	36.03	S70°02'19"E
L8	85.06	S25°02'19"E
L9	82.69	S03°57'39"E



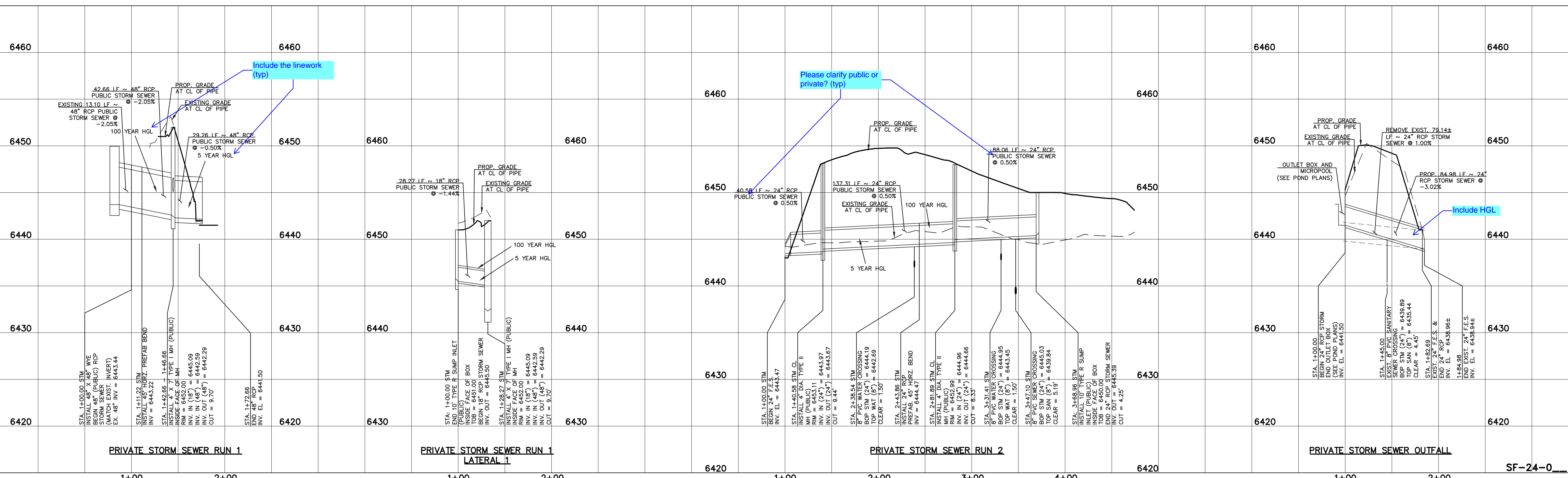
PRIVATE STORM SEWER RUN 2



Drainage Report indicates public



PRIVATE STORM SEWER OUTFALL



Include the linework (typ)

Please clarify public or private? (typ)

Include HGL

PRIVATE STORM SEWER RUN 1

PRIVATE STORM SEWER RUN 1 LATERAL 1

PRIVATE STORM SEWER RUN 2

PRIVATE STORM SEWER OUTFALL

SF-24-0

LEGEND	
	PROPOSED FIRE HYDRANT
	PROPOSED WATER MAIN
	PROPOSED SANITARY SEWER MAIN
	PROPOSED STORM SEWER
	PROPOSED STORM INLET
	ROW/BOUNDARY LINE
	EXISTING FIRE HYDRANT
	EXISTING WATER MAIN
	EXISTING SANITARY SEWER MAIN
	EXISTING STORM SEWER
	EXISTING STORM INLET
	EXISTING GAS MAIN
	EXISTING ELECTRIC

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NO.	REVISION	DATE

REVIEW:

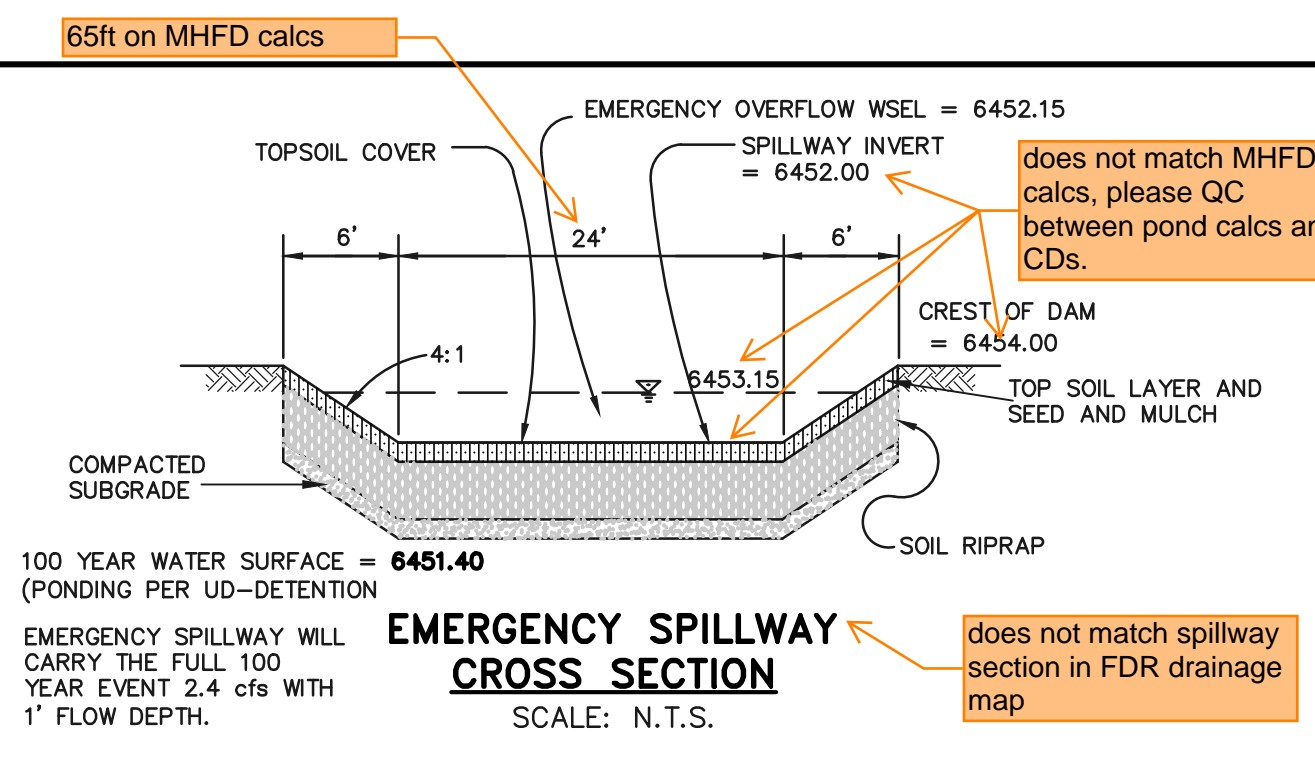
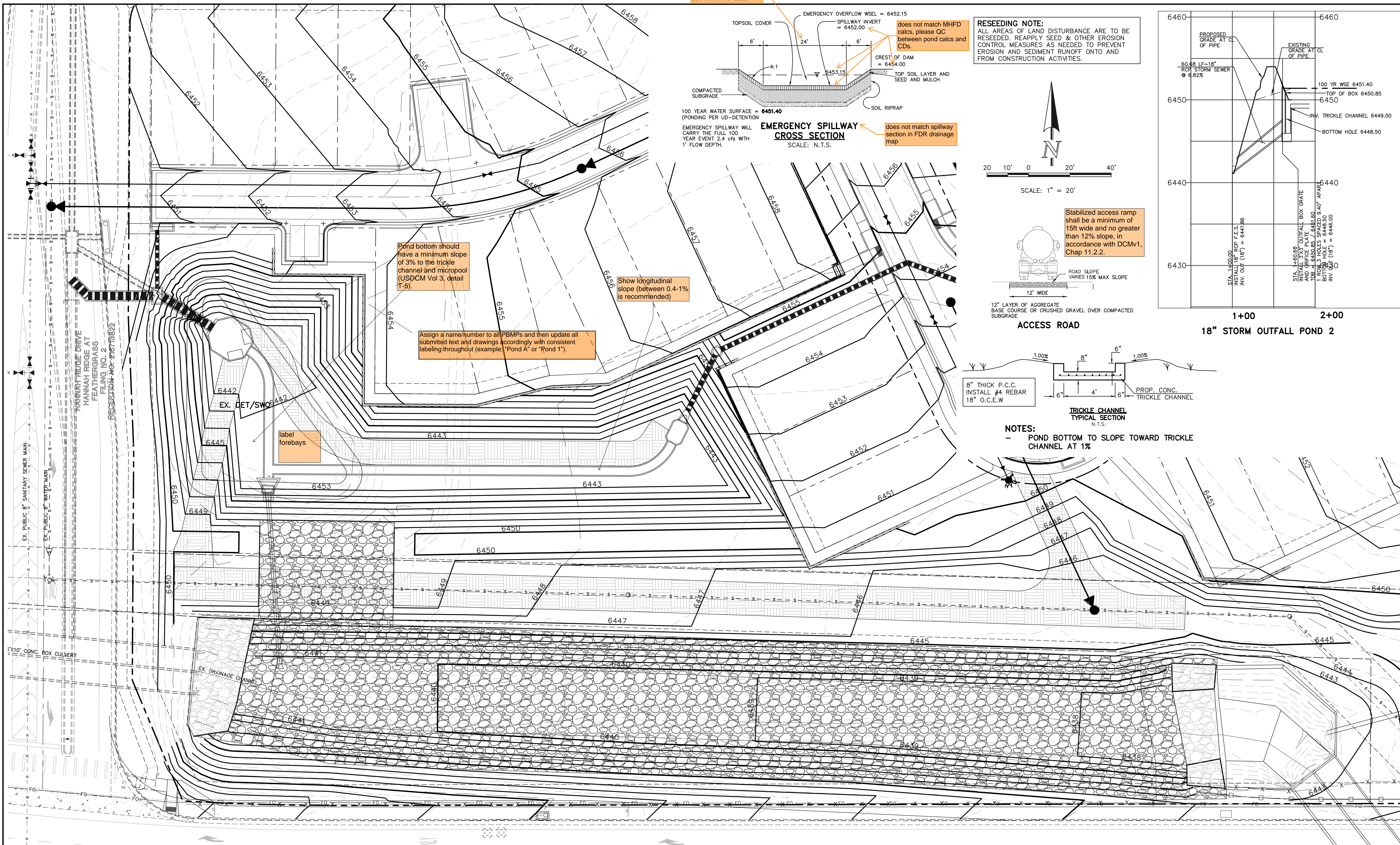
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

KYLE R. CAMPBELL, COLORADO P.E. #29794

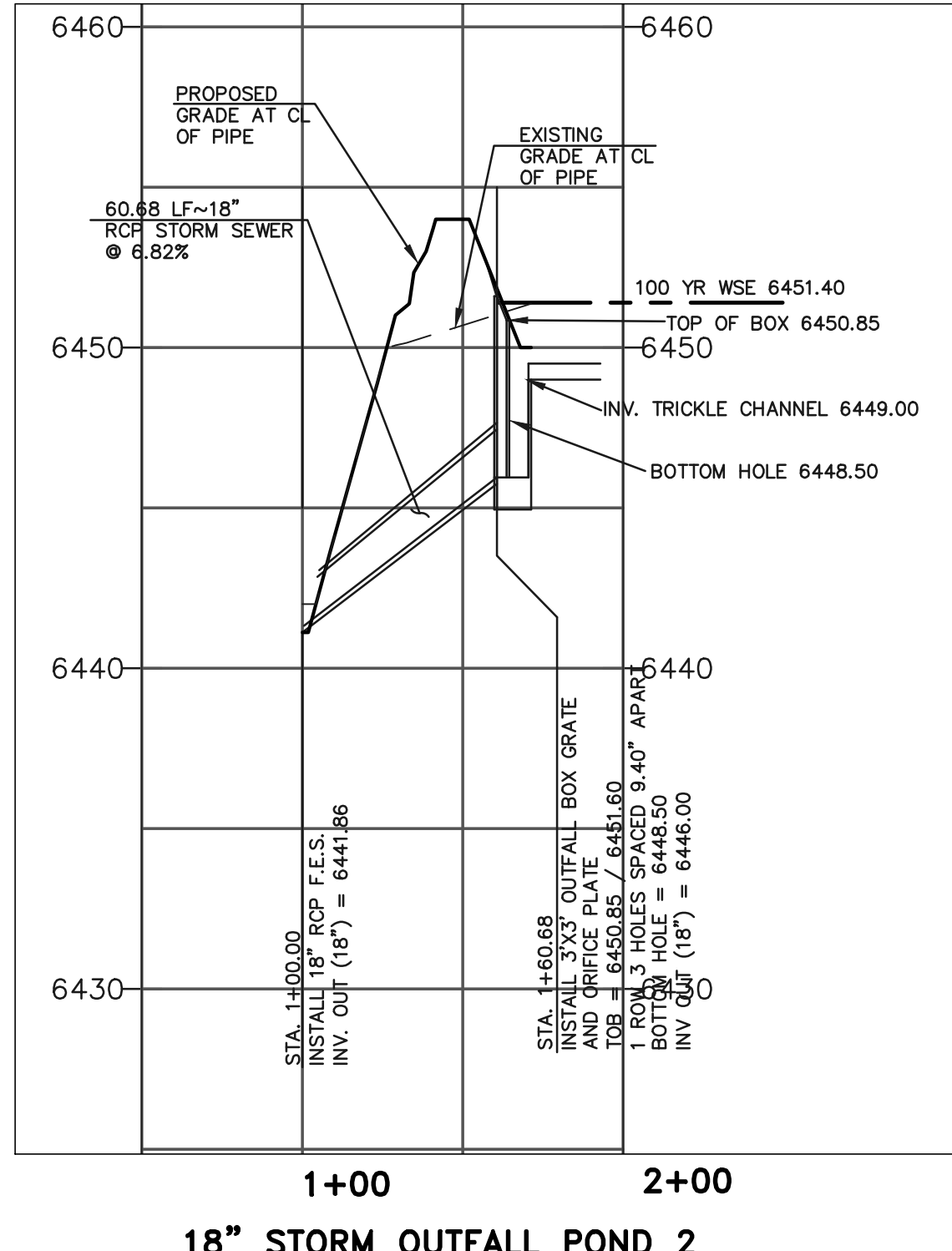
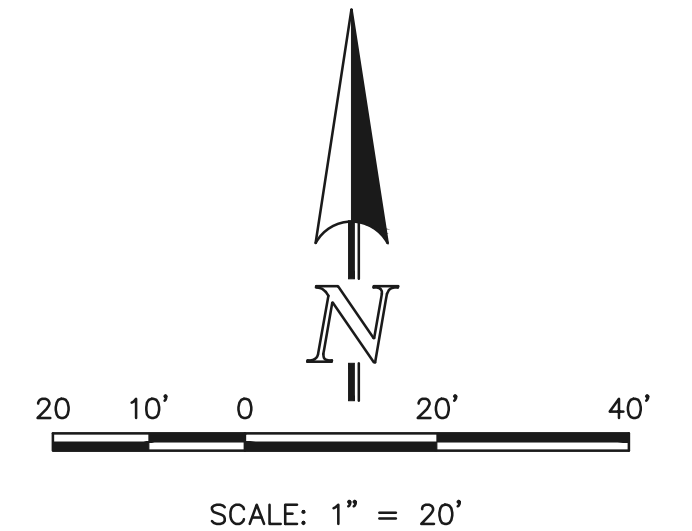
619 N. Cascade Avenue, Suite 200
 Colorado Springs, Colorado 80903
 (719) 785-0790
 (719) 785-0799 (Fax)

PREAMBLE AT HANNAH RIDGE FILING NO. 3 PRIVATE STORM SEWER PLANS			
DESIGNED BY	KC	SCALE	DATE 12/23/24
DRAWN BY	KC	(H) 1" = 50'	SHEET 10 OF 16
CHECKED BY	KRC	(V) 1" = 5'	JOB NO. 1116.35

N:\11635\DRAWINGS\CONSTRUCTION\STORM\A10-11635-F13-STM-01.dwg, 12/23/2024 2:33:03 PM, 11



RESEEDING NOTE:
ALL AREAS OF LAND DISTURBANCE ARE TO BE RESEED. REAPPLY SEED & OTHER EROSION CONTROL MEASURES AS NEEDED TO PREVENT EROSION AND SEDIMENT RUNOFF ONTO AND FROM CONSTRUCTION ACTIVITIES.

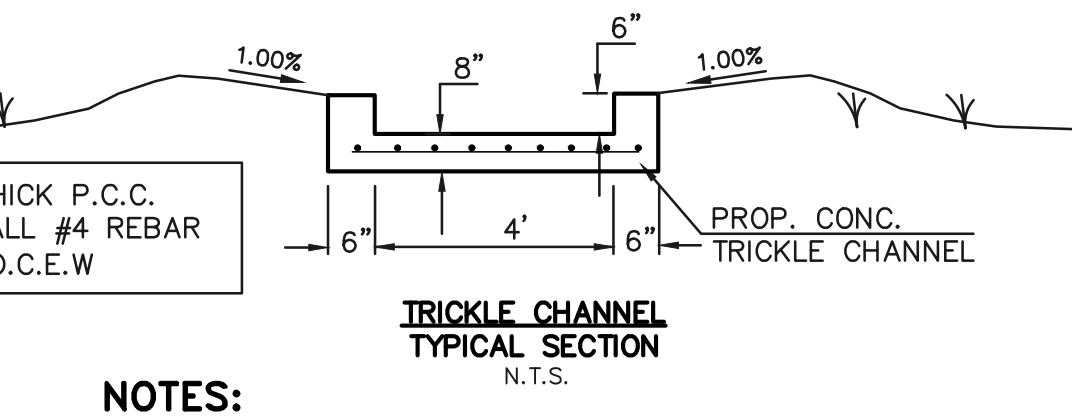


Stabilized access ramp shall be a minimum of 15ft wide and no greater than 12% slope, in accordance with DCMv1, Chap 11.2.2.

ROAD SLOPE VARIES 15% MAX SLOPE

12' WIDE

12" LAYER OF AGGREGATE BASE COURSE OR CRUSHED GRAVEL OVER COMPACTED SUBGRADE



NOTES:
- POND BOTTOM TO SLOPE TOWARD TRICKLE CHANNEL AT 1%

Pond bottom should have a minimum slope of 3% to the trickle channel and micropool (USDCM Vol 3, detail T-5).

Show longitudinal slope (between 0.4-1% is recommended)

Assign a name/number to all PBMPs and then update all submitted text and drawings accordingly with consistent labeling throughout (example: "Pond A" or "Pond 1").

label forebays

EX. DET/SWOB

EX. DRAINAGE CHANNEL

NOTE:
SEE MDTOWN AT HANNAH RIDGE FILING NO. 1 GRADING, EROSION & STORM WATER QUALITY CONTROL PLAN DATED JANUARY 2020 FOR EROSION CONTROL DETAILS

LEGEND

(6060)	EXISTING MAJOR CONTOUR
6060	PROPOSED MAJOR CONTOUR
---	LIMITS OF DISTURBANCE/ CONSTRUCTION SITE BOUNDARY
→	PROPOSED FLOW
⇨	EXISTING FLOW
□	PROPOSED INLET

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CLASSIC
CONSULTING ENGINEERS & SURVEYORS

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903

(719) 785-0790
(719) 785-0799 (Fax)

PREAMBLE AT HANNAH RIDGE FILING NO. 3

PUBLIC EXTENDED DETENTION BASIN GRADING AND OUTLET PROFILE POND 1

DESIGNED BY	KC	SCALE	DATE	12/23/24
DRAWN BY	KC	(H) 1" = 50'	SHEET	11 OF 16
CHECKED BY	KRC	(V) 1" = 5'	JOB NO.	1116.35

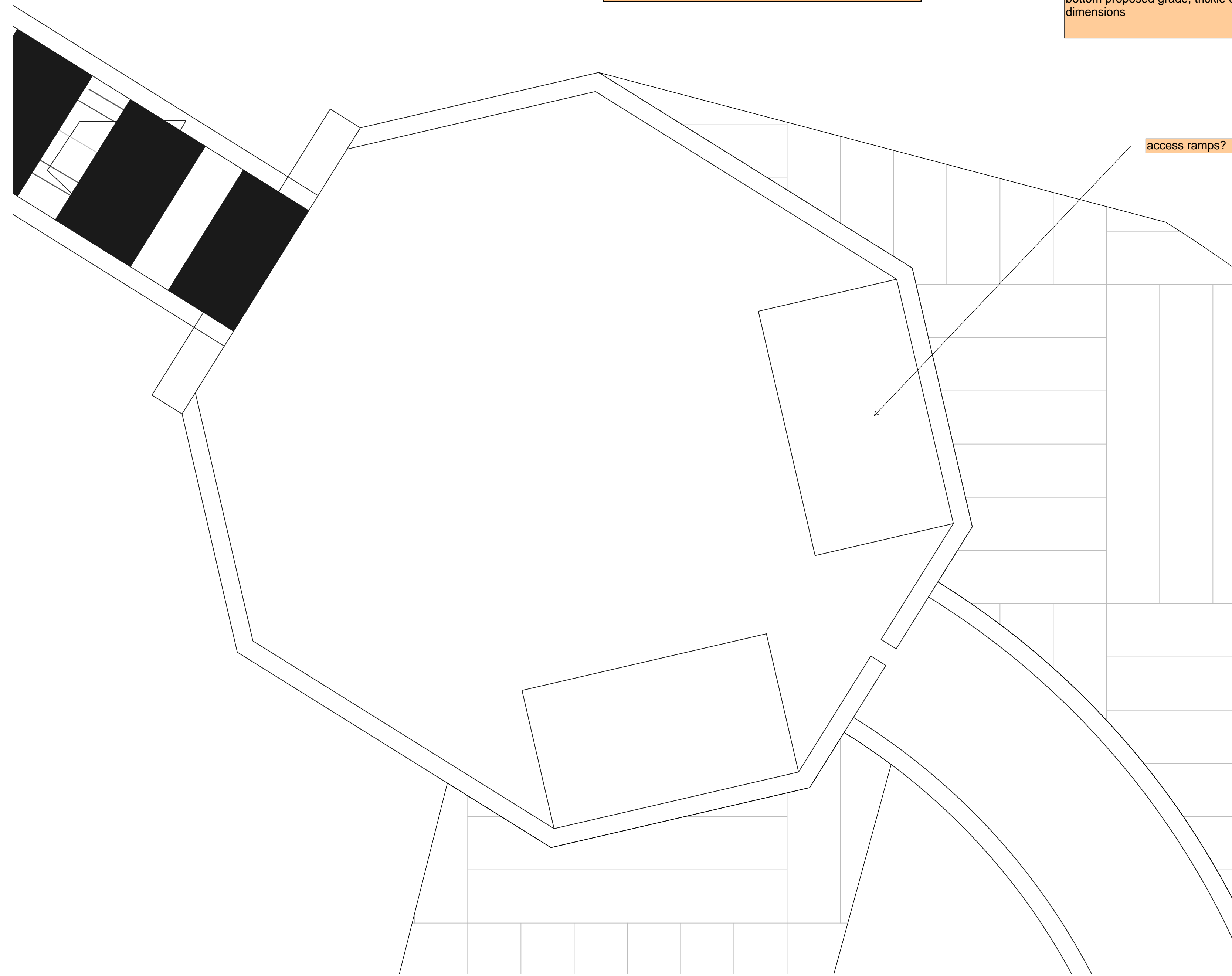
SF-24-0

N:\171635\OP\AWINGS\CONSTRUCTION\STORMA\171635-PL3-POND-01.dwg, 12/23/2024 11:45:12 AM, 1:1

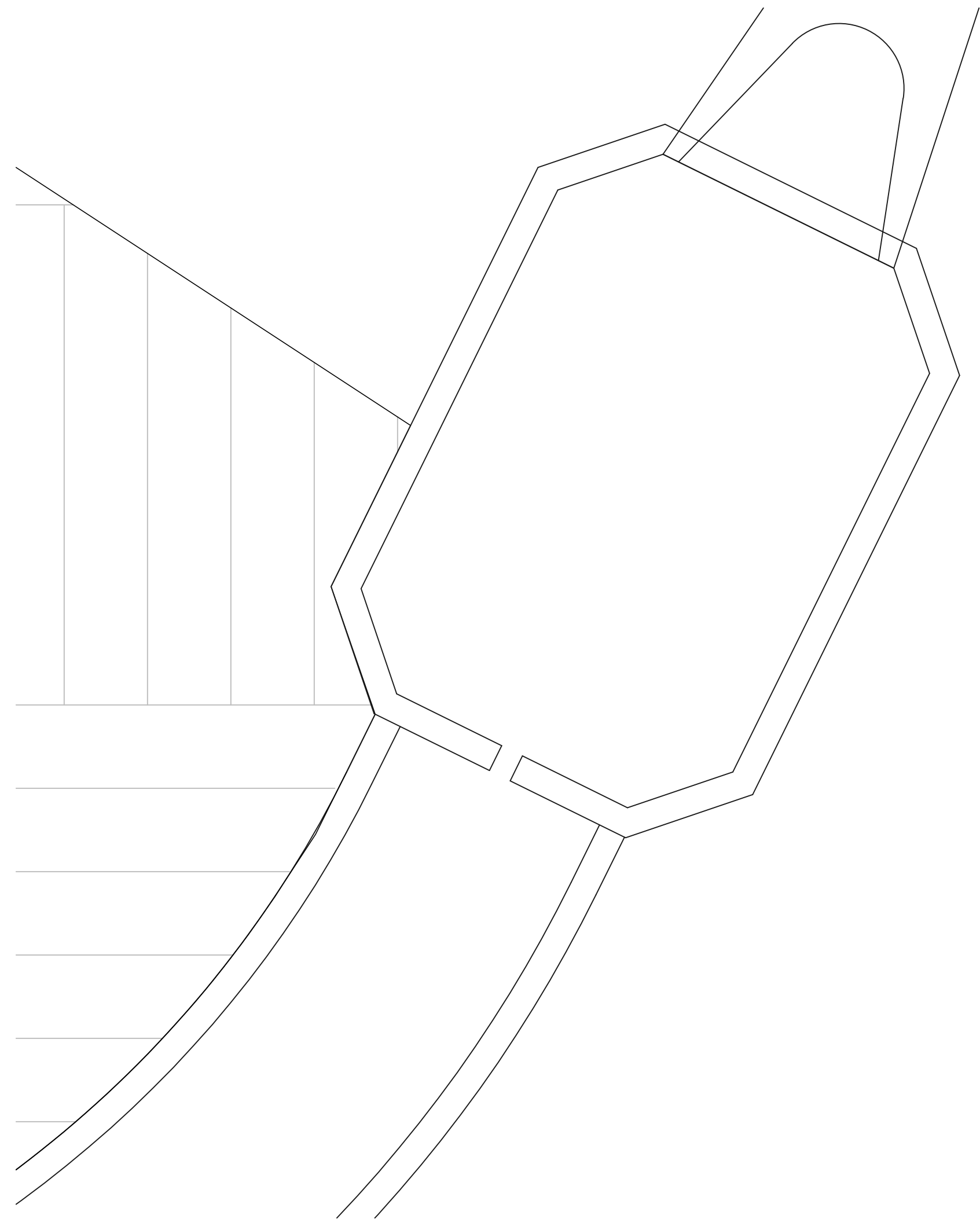
Provide dimensions of forebays

show forebay cross section with inlet pipe size and elevation, surrounding pond bottom proposed grade, trickle channel dimensions

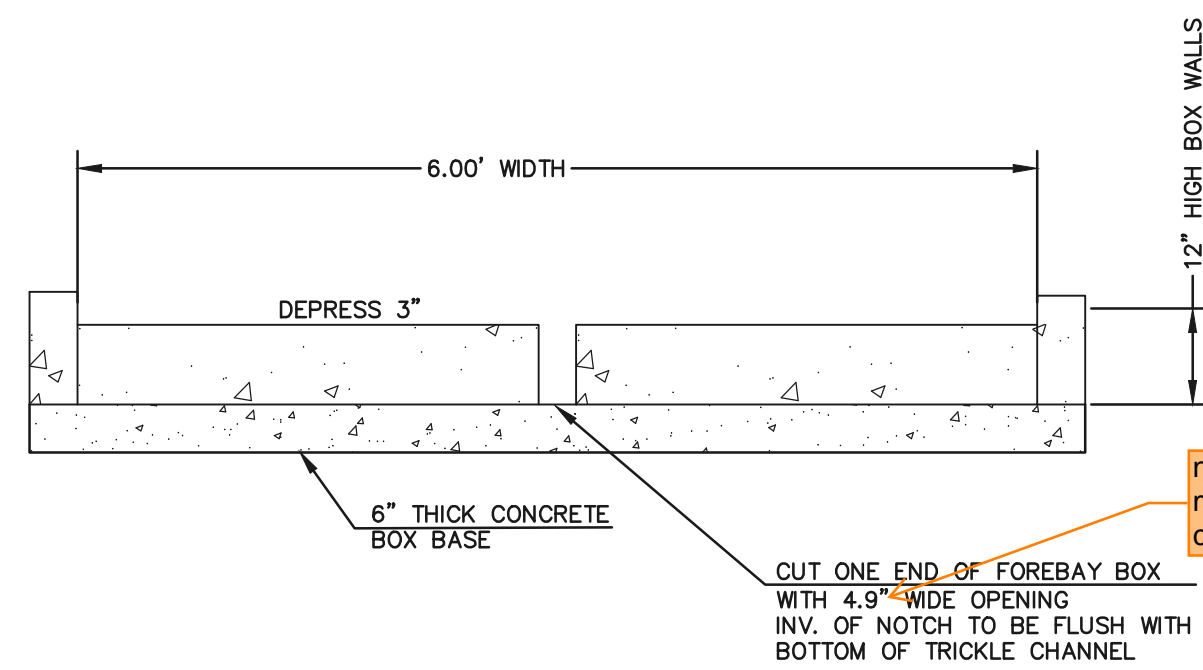
access ramps?



CONCRETE FOREBAY 'A'
SCALE: 1" = 2'

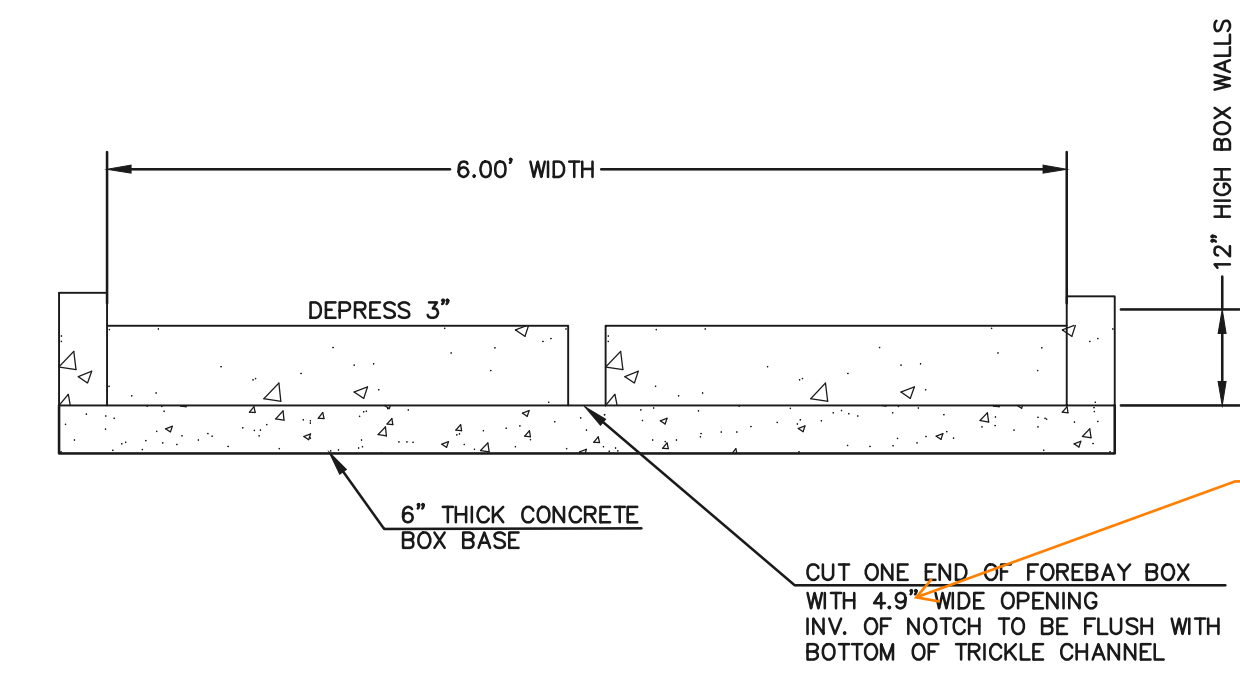


CONCRETE FOREBAY 'B'
SCALE: 1" = 2'



CONCRETE FOREBAY "A" NOTCH
N.T.S

notch width does not match either forebay's calcs page in FDR



CONCRETE FOREBAY "B" NOTCH
N.T.S

notch width does not match either forebay's calcs page in FDR

<p>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS 811 UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW</p> <p>THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.</p>		<table border="1"> <thead> <tr> <th>NO.</th> <th>REVISION</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	REVISION	DATE																														
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REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE

619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903

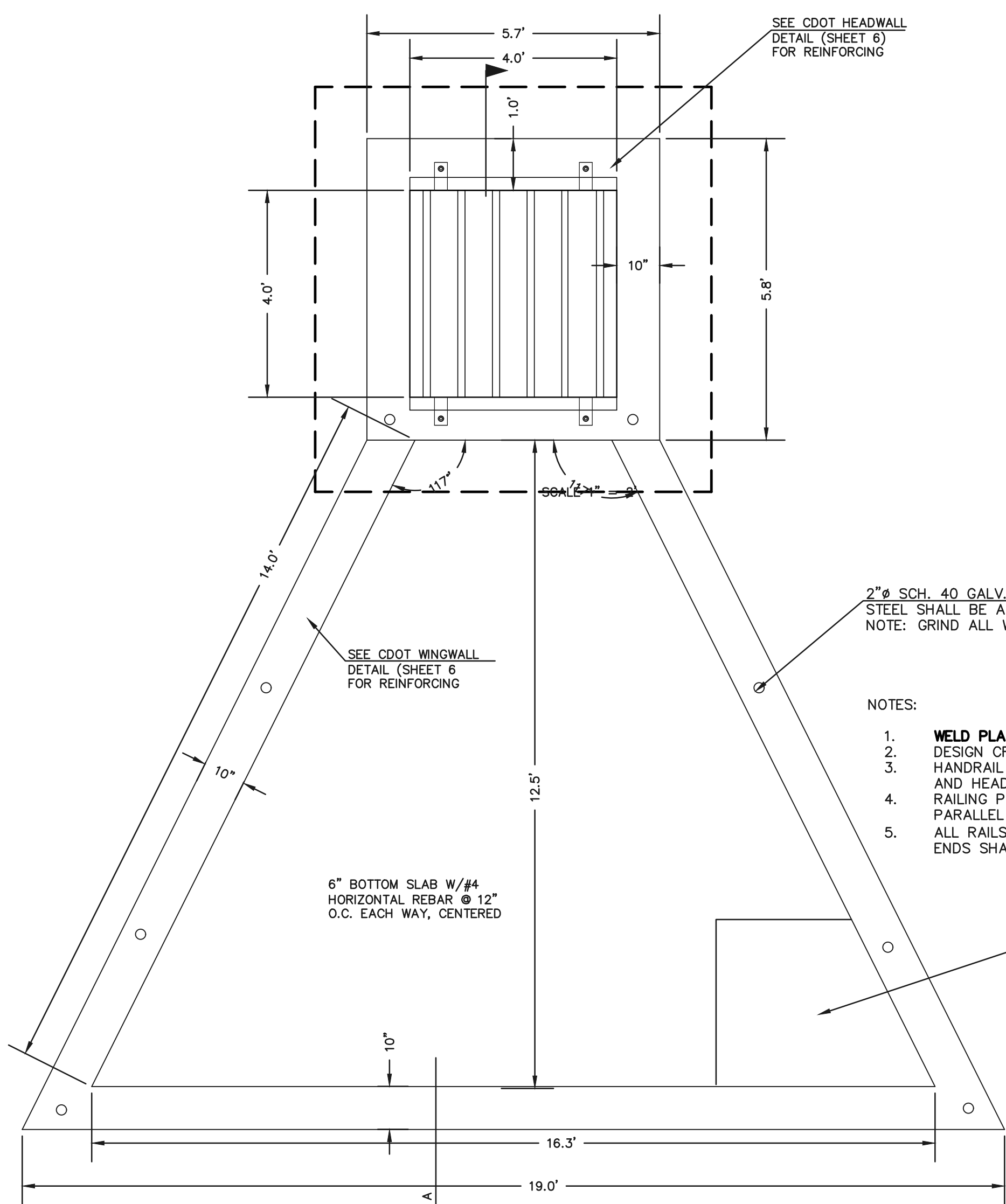
(719) 785-0790
(719) 785-0799 (Fax)

<p>PREAMBLE AT HANNAH RIDGE FILING NO. 3 PUBLIC EXTENDED DETENTION BASIN STORM OUTFALL</p>			
DESIGNED BY	KC	SCALE	DATE 12/23/24
DRAWN BY	KC	(H) 1" = 2'	SHEET 12 OF 16
CHECKED BY	KRC	(V) 1" = N/A	JOB NO. 1116.35

SF-24-0



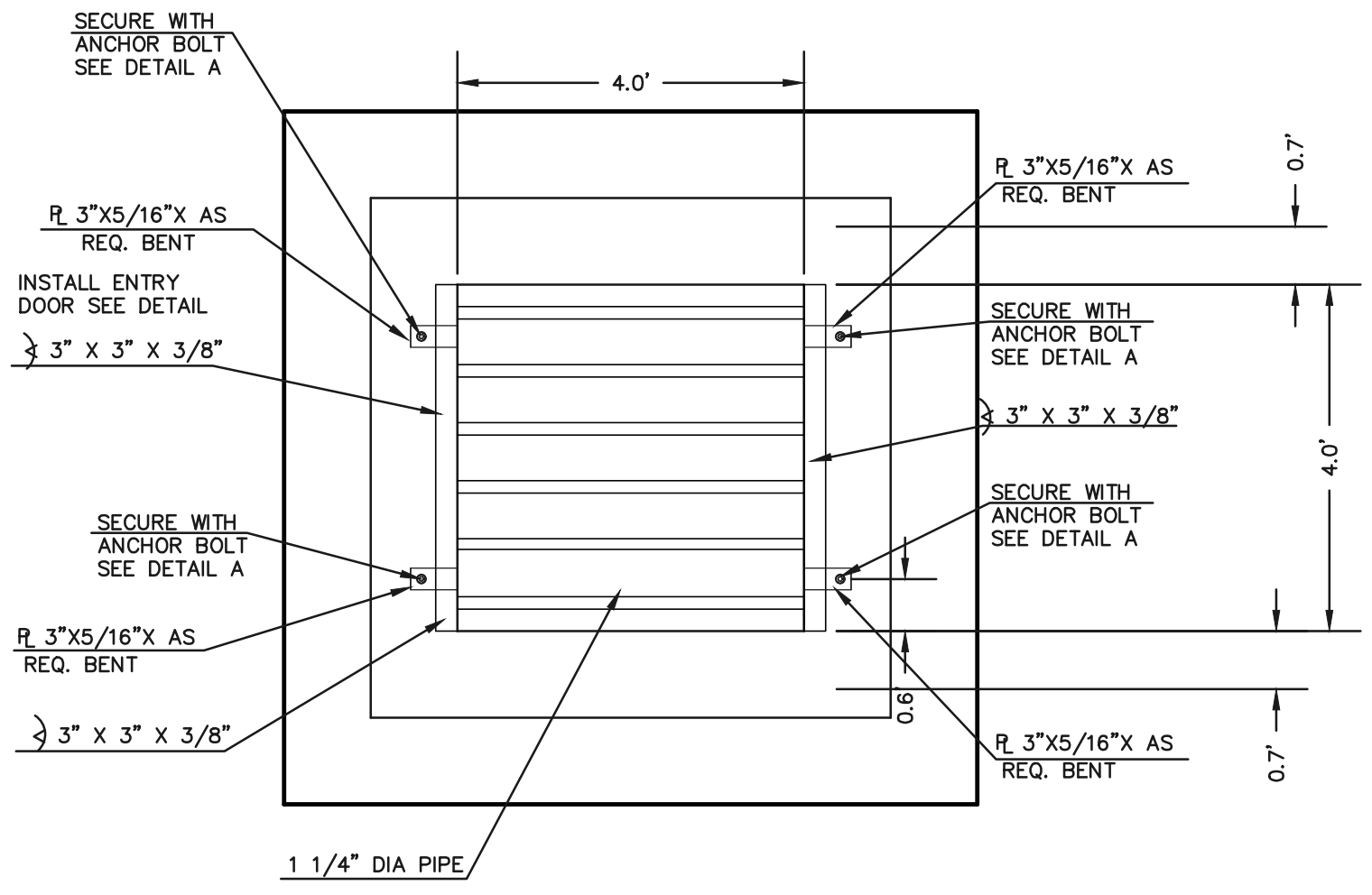
N:\11635\DRAWINGS\CONSTRUCTION\FORMA\12-111635-FL3-POND-02.dwg, 12/23/2024, 11:43:32 AM, 1:1



2" SCH. 40 GALV. POSTS AND RAILS
STEEL SHALL BE ASTM A53 GR. B
NOTE: GRIND ALL WELDS SMOOTH

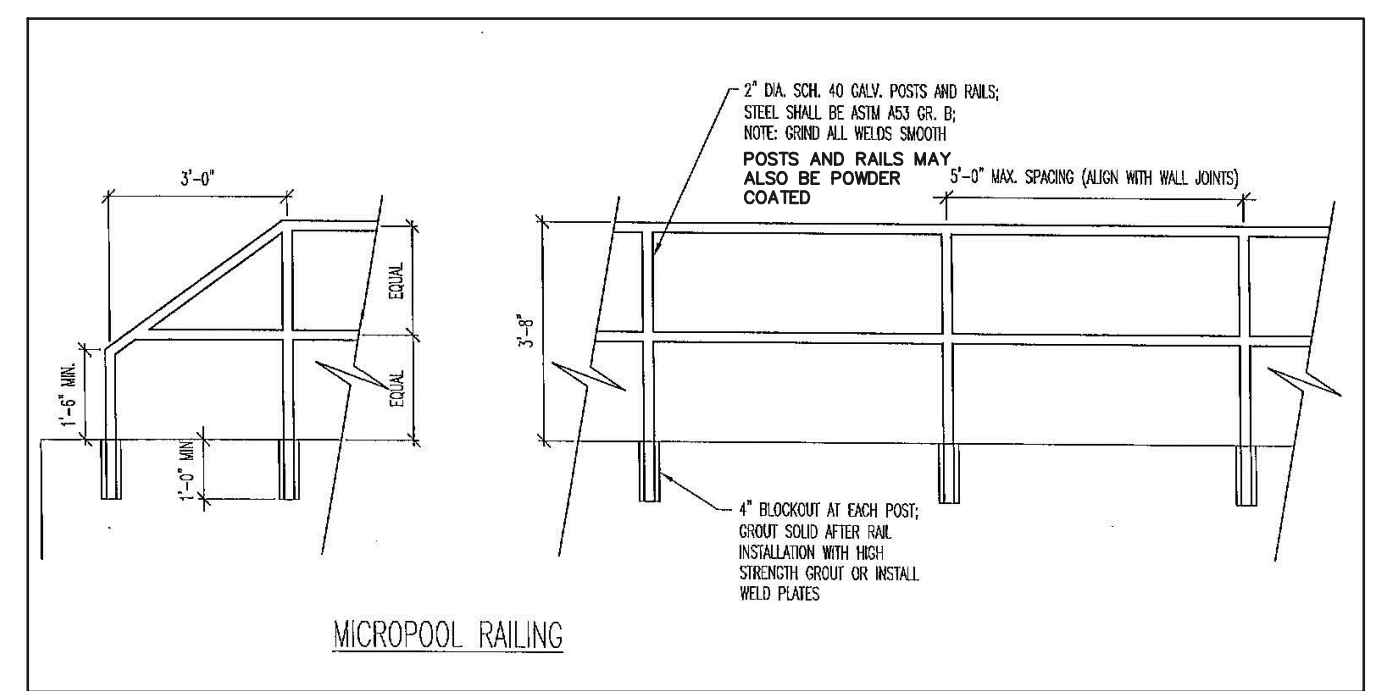
NOTES:

1. **WELD PLATES MAY BE SUBSTITUTED FOR PIPE EMBEDMENT.** DESIGN CRITERIA SHALL BE IN ACCORDANCE WITH AASHTO STANDARDS.
2. HANDRAIL DESIGN SHALL BE COMPATIBLE WITH THE DESIGN OF THE WINGWALLS AND HEADWALLS.
3. RAILING POSTS SHALL BE SET TO NORMAL TO GRADE. RAILS SHALL RUN PARALLEL TO THE SLOPES OF TOPS OF THE WALLS.
4. ALL RAILS SHALL HAVE EXPANSION JOINTS SPACED AT 40'-0" MAX. JOINT ENDS SHALL BE FREE OF ANY SHARP EDGES OR CORNERS.

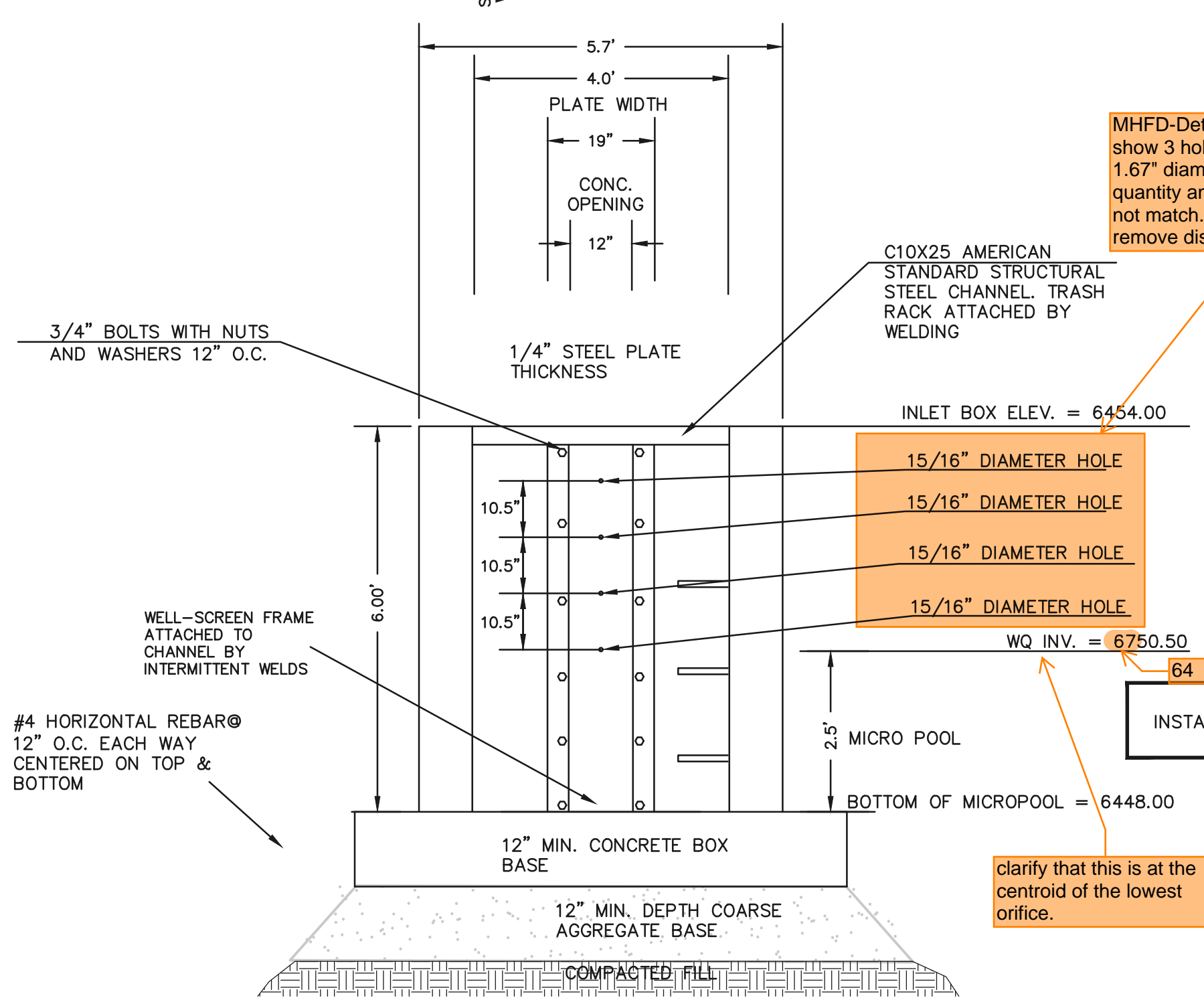
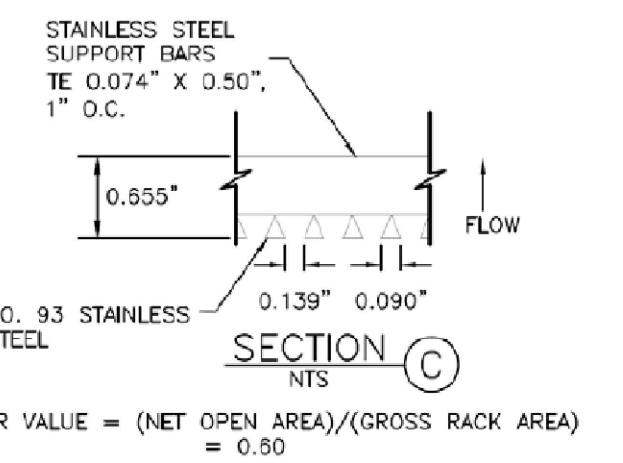
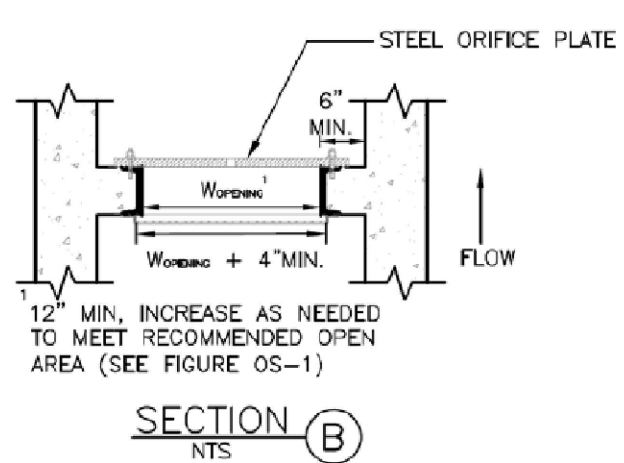
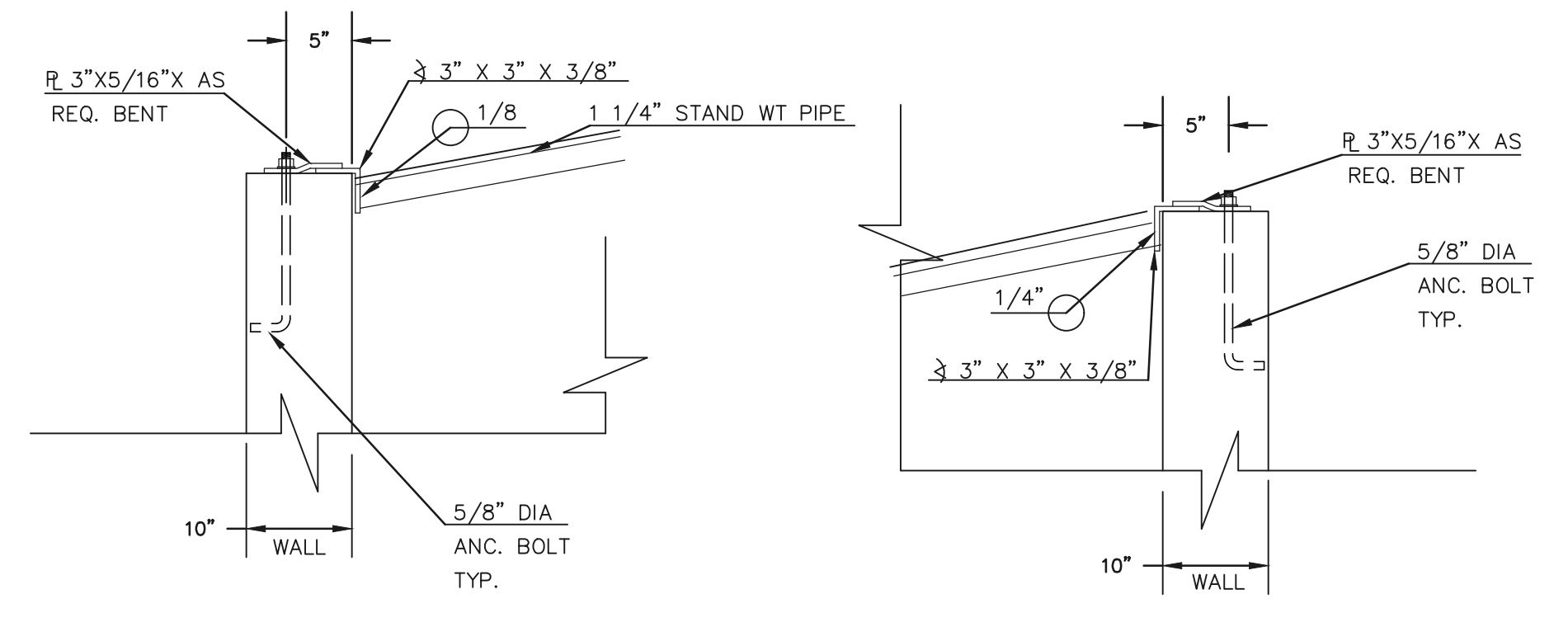


4'x4' OUTLET BOX OVERFLOW TRASH RACK

5-YR W.S.E. = 6845.19
2-YR W.S.E. = 6844.98
WQCV YR W.S.E. = 6844.46



OUTLET BOX RAILING
N.T.S.



4'x4' OUTLET BOX ORIFICE PLATE
SCALE 1" = 2"

MHFD-Det Calcs only show 3 holes, each with 1.67" diameters. So quantity and diameter do not match. Revise to remove discrepancy.

clarify that this is at the centroid of the lowest orifice.

(ALL MATERIALS PER CITY OF COLORADO SPRINGS SPECIFICATIONS)

ORIFICE PLATE NOTES:

1. INSTALL HOLES AS SHOWN ON DETAIL TO RIGHT.
2. PROVIDE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE

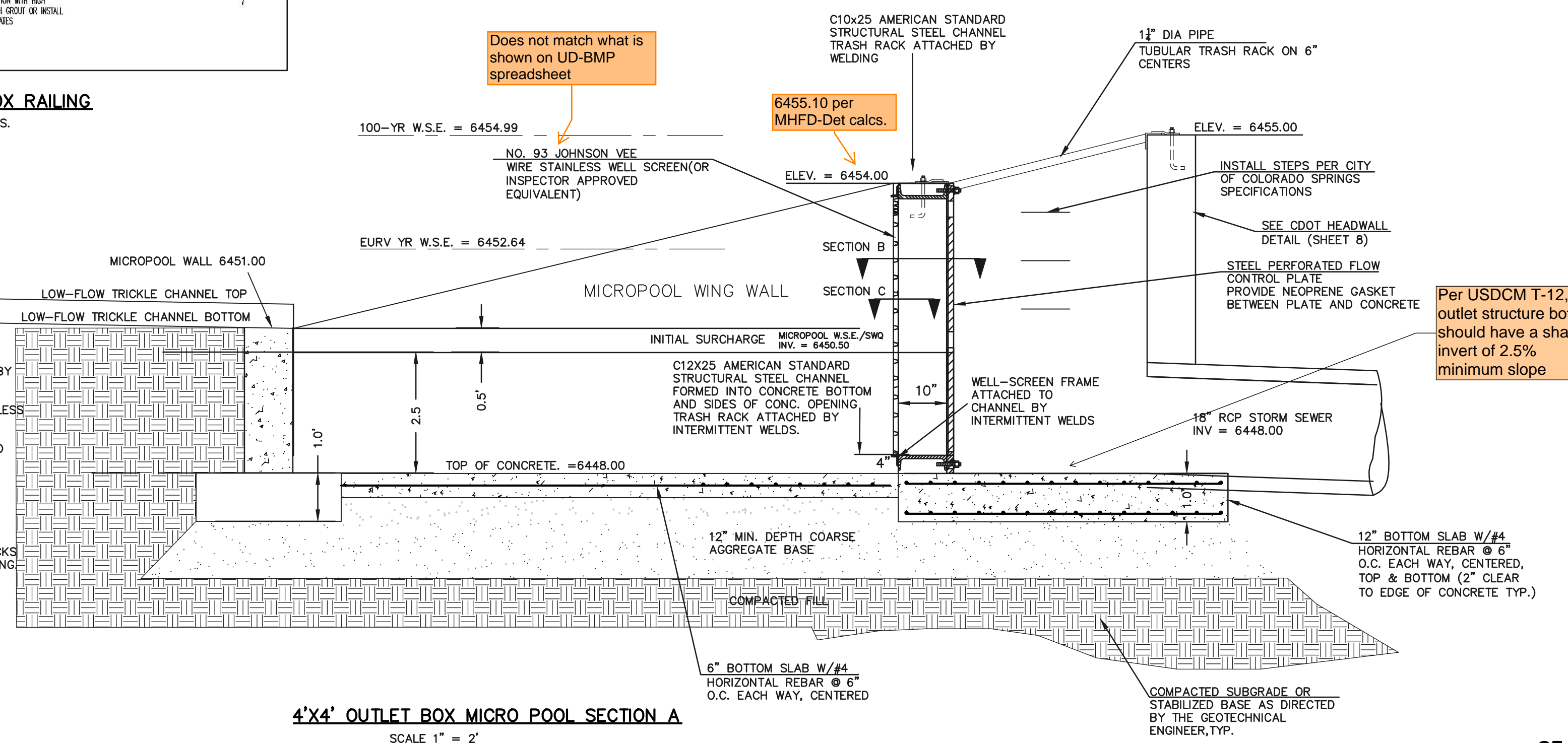
EURV AND WQCV TRASH RACKS:

3. WELL-SCREEN TRASH RACKS SHALL BE STAINLESS STEEL AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
4. BAR GRATE TRASH RACKS SHALL BE ALUMINUM AND SHALL BE BOLTED USING STAINLESS STEEL HARDWARE.
5. STRUCTURAL DESIGN OF TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF RACK

OVERFLOW TRASH RACKS:

1. ALL TRASH RACKS SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE AND PROVIDED WITH HINGED AND LOCKABLE OR BOLTABLE ACCESS PANELS
2. TRASH RACKS SHALL BE STAINLESS STEEL, ALUMINUM, OR STEEL. STEEL TRASH RACKS SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING
3. TRASH RACKS SHALL BE DESIGNED SUCH THAT THE DIAGONAL DIMENSION OF EACH OPENING IS SMALLER THAN THE DIAMETER OF THE OUTLET PIPE.
4. STRUCTURAL DESIGN OF THE TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.

NOTE:
RESTRICTOR PLATE NOT REQUIRED PER UD-DETENTION DESIGN SPREADSHEET TO MATCH 90% OF PREDEVELOPMENT 100 YEAR PEAK RUNOFF RATE. SEE PRELIMINARY/FINAL DRAINAGE REPORT FOR MIDTOWN COLLECTION AT HANNAH RIDGE FILING 1 AND 2 APPENDIX FOR CALCULATIONS.



4'x4' OUTLET BOX MICRO POOL SECTION A
SCALE 1" = 2"

Does not match what is shown on UD-BMP spreadsheet

6455.10 per MHFD-Det calcs.

Per USDCM T-12, the outlet structure bottom should have a shaped invert of 2.5% minimum slope

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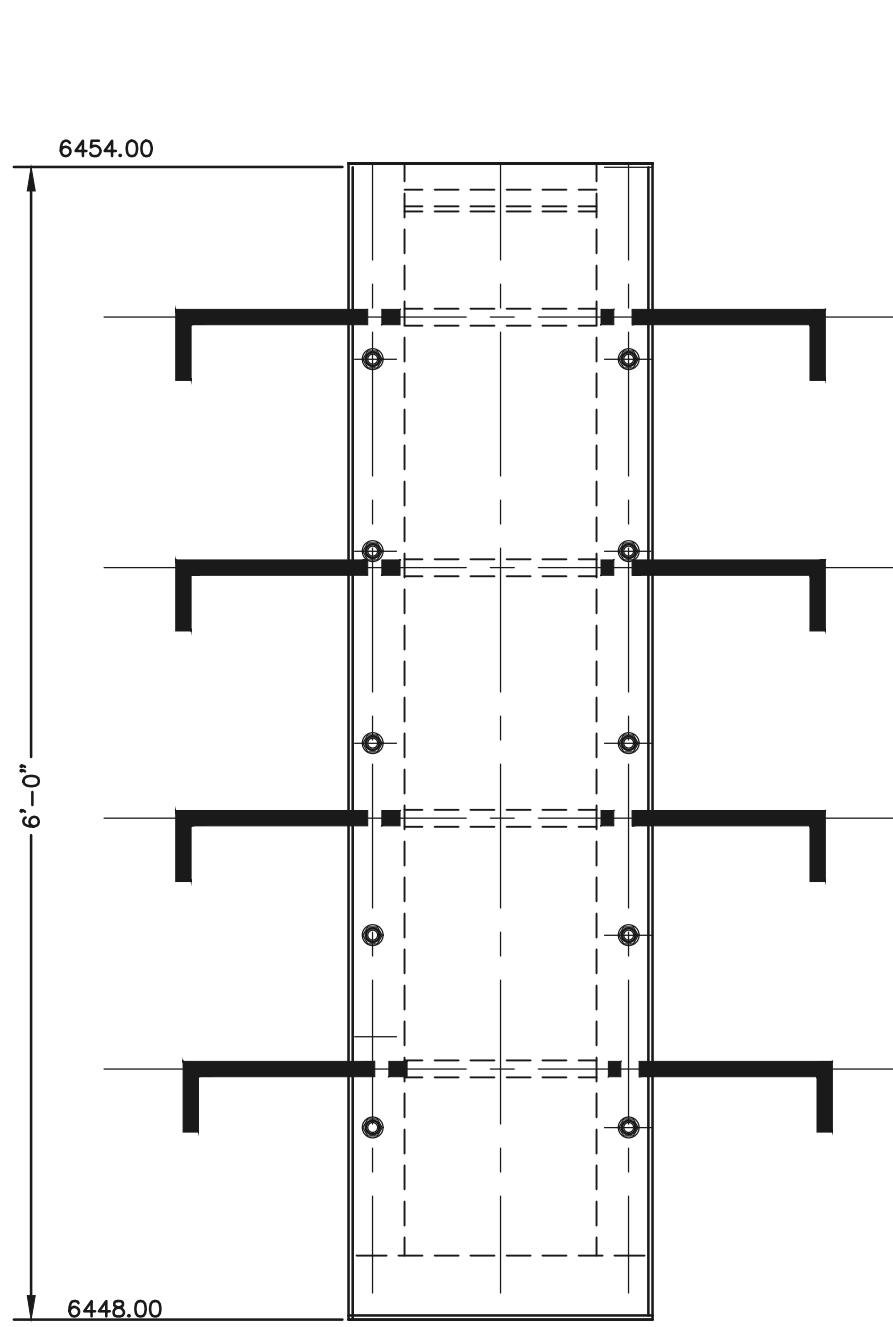
KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE



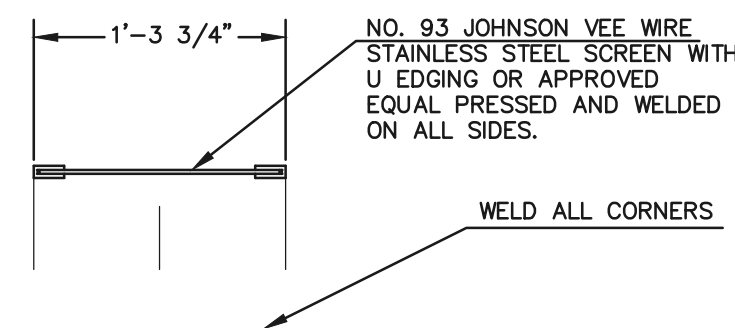
PREAMBLE AT HANNAH RIDGE
FILING NO. 3
PUBLIC EXTENDED DETENTION BASIN
OUTLET BOX DETAILS POND 1

DESIGNED BY: KC SCALE: DATE: 12/23/24
DRAWN BY: KC (H) 1" = N/A SHEET 13 OF 16
CHECKED BY: KRC (V) 1" = N/A JOB NO. 1116.35

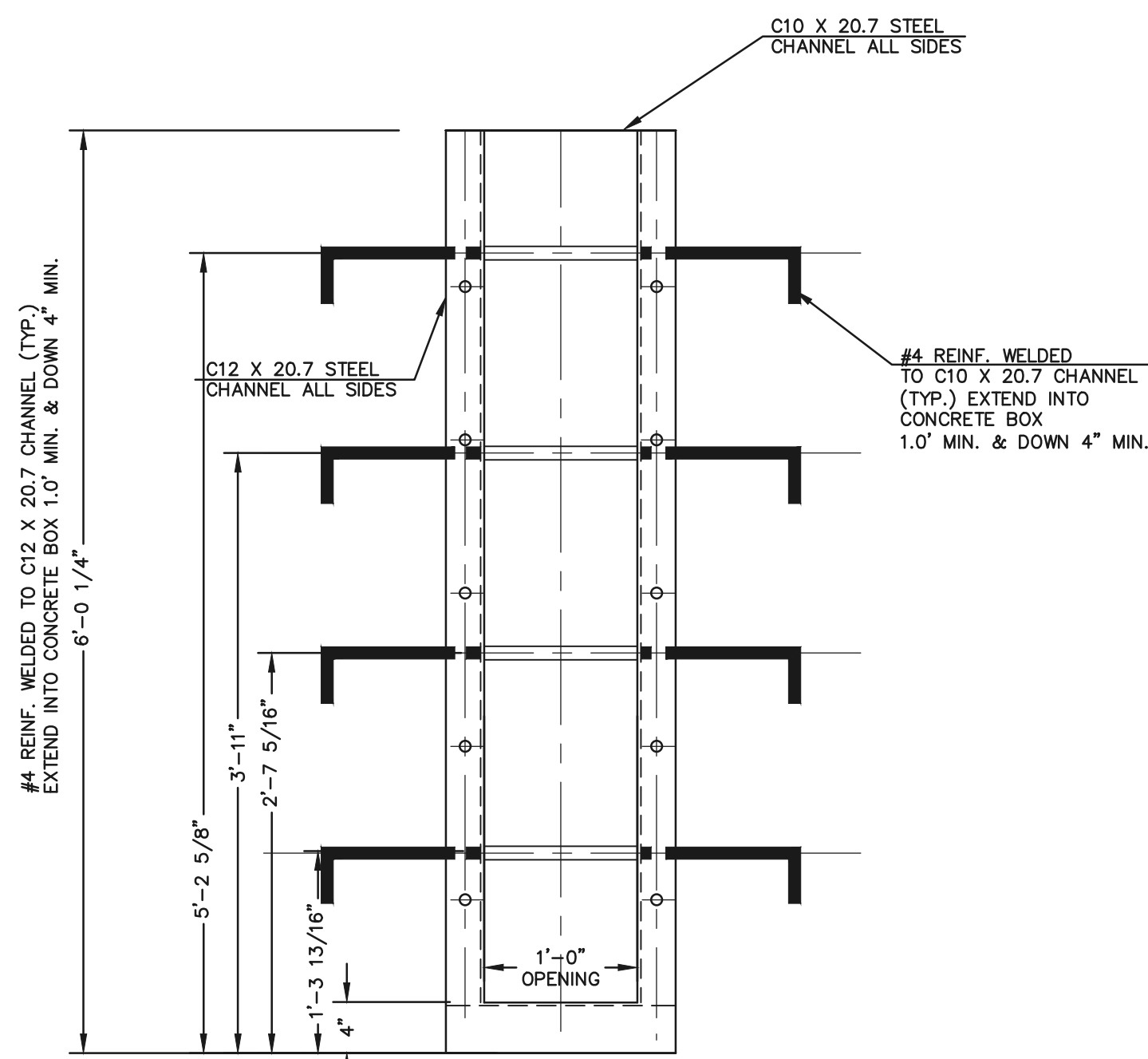
SF-24-0



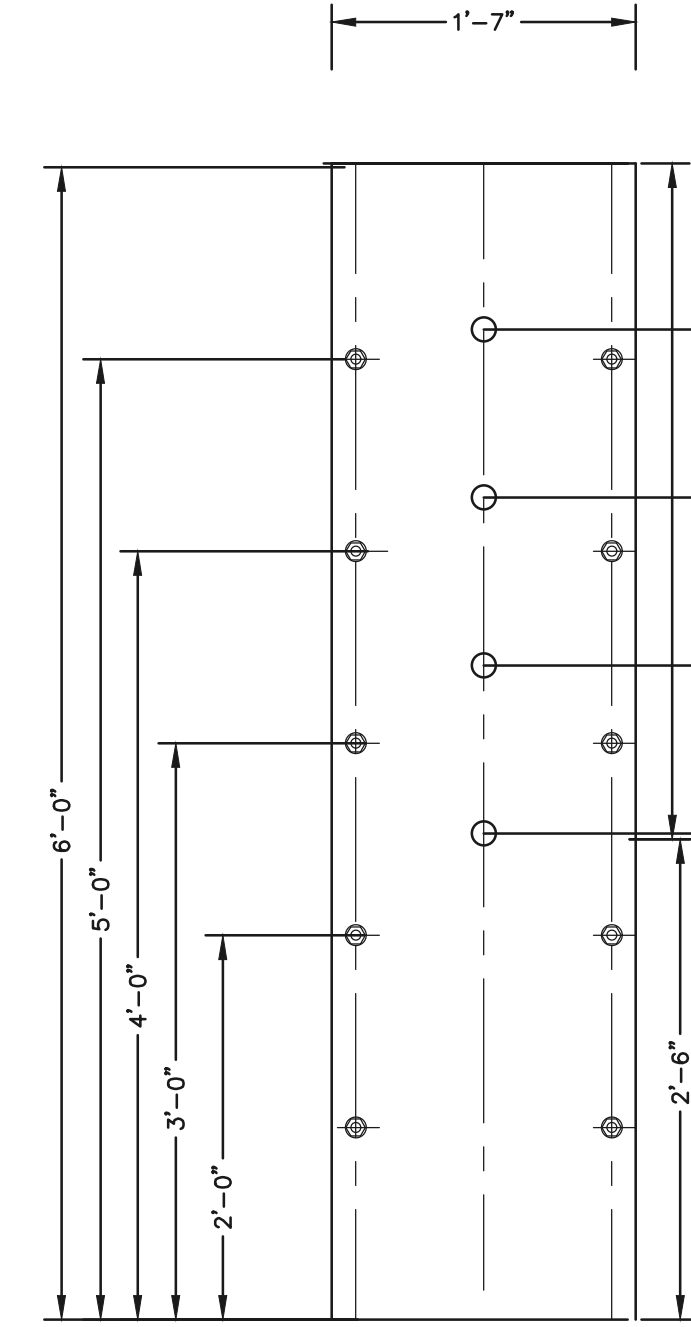
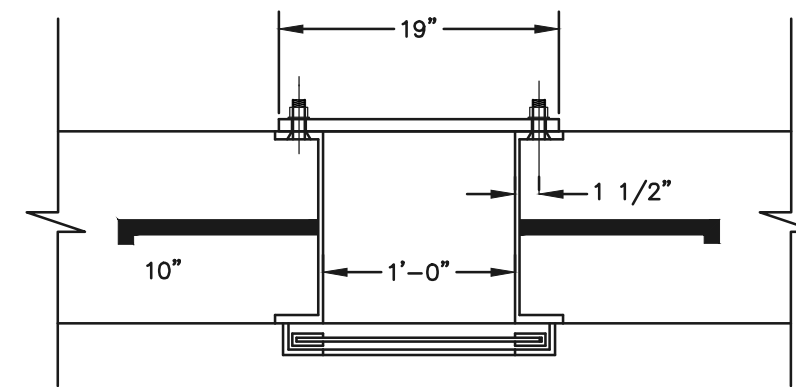
**OUTLET CONTROL
PLATE AND FRAME**
SCALE: 1"=1'



NO. 93 JOHNSON VEE WIRE
STAINLESS STEEL SCREEN WITH
U EDGING OR APPROVED
EQUAL PRESSED AND WELDED
ON ALL SIDES.
WELD ALL CORNERS

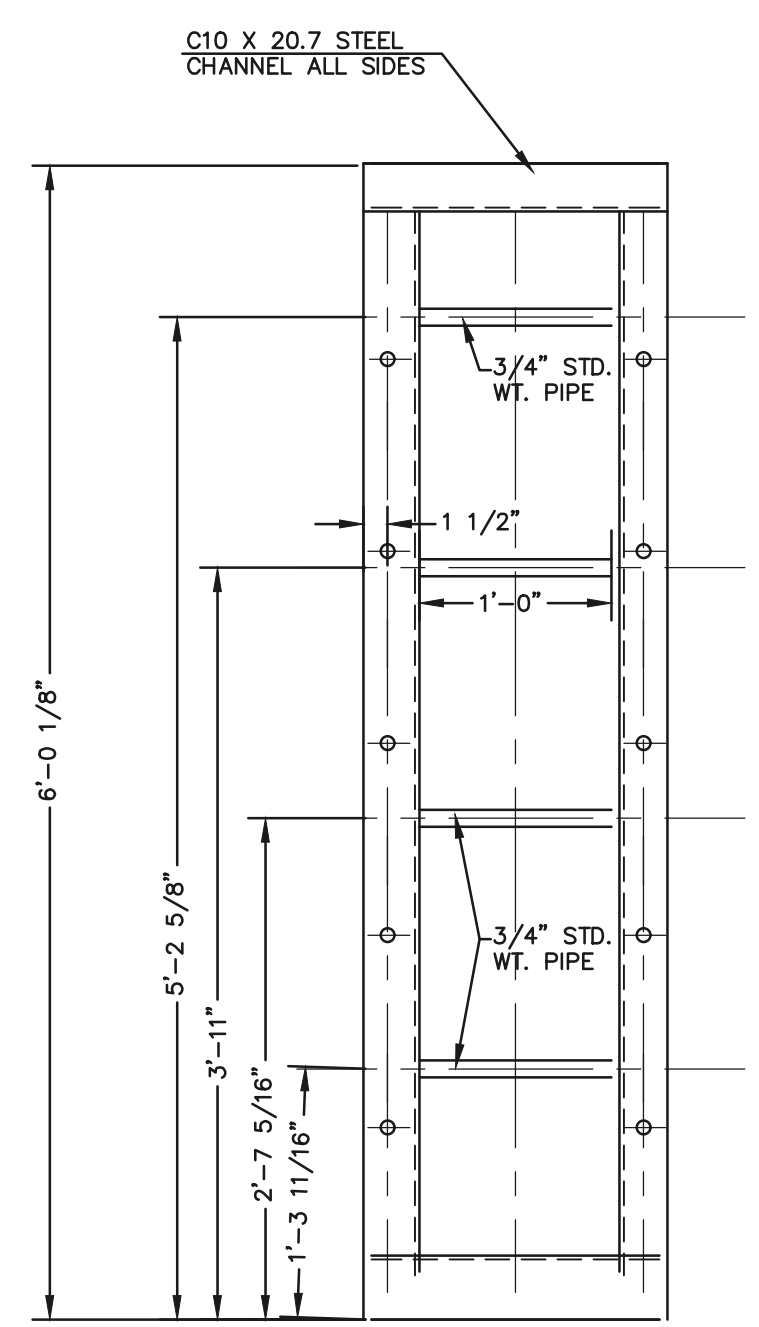


**CHANNEL FRAME
WITH WALL ANCHORS**
SCALE: 1"=1'

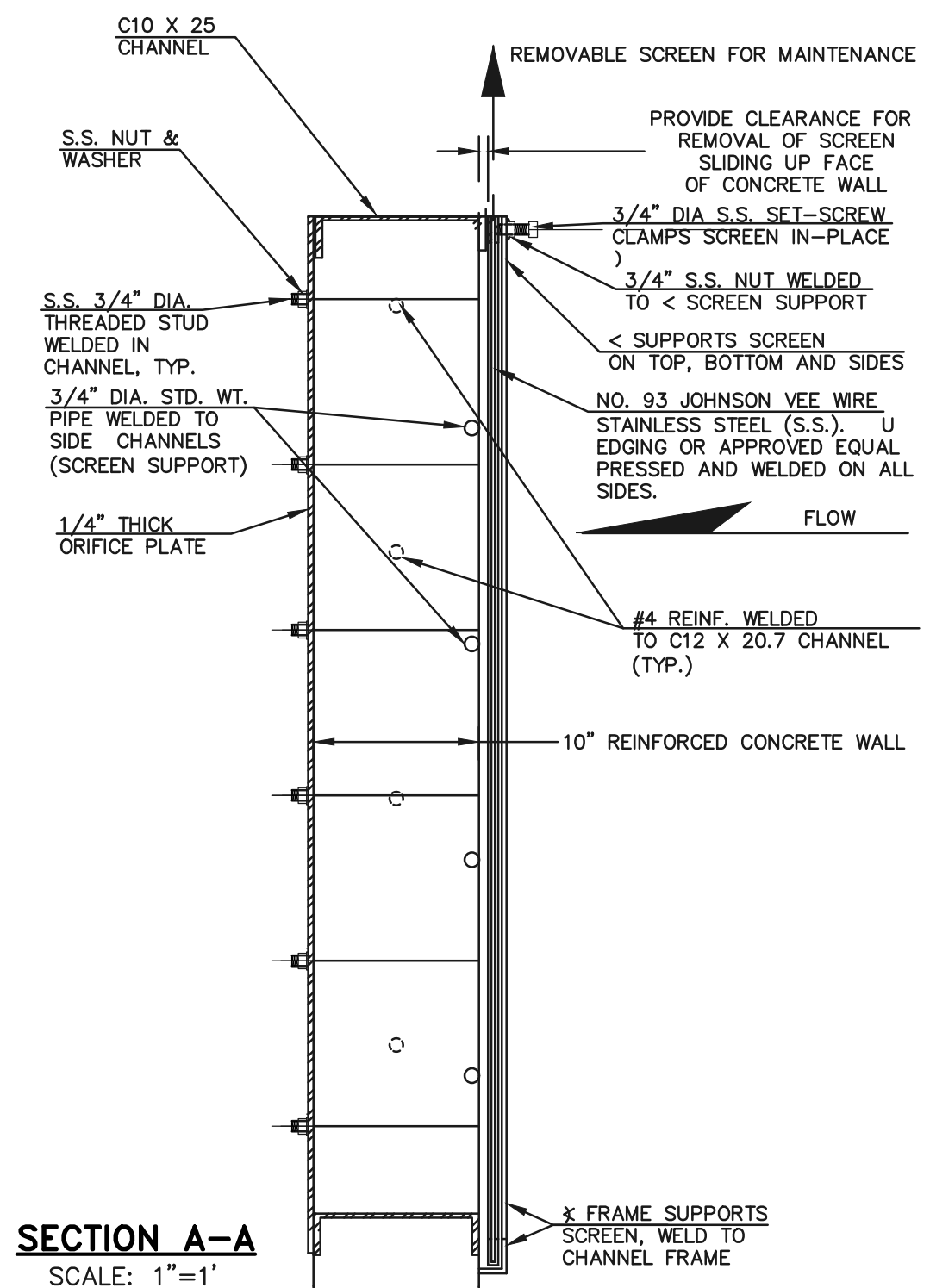


**1/4" THICK
ORIFICE PLATE**
SCALE: 1"=1'

LOWEST ORIFICE (15/16") INVERT = 6450.50
ORIFICE (15/16") INVERT = 6451.37
ORIFICE (15/16") INVERT = 6452.25
ORIFICE (15/16") INVERT = 6453.12

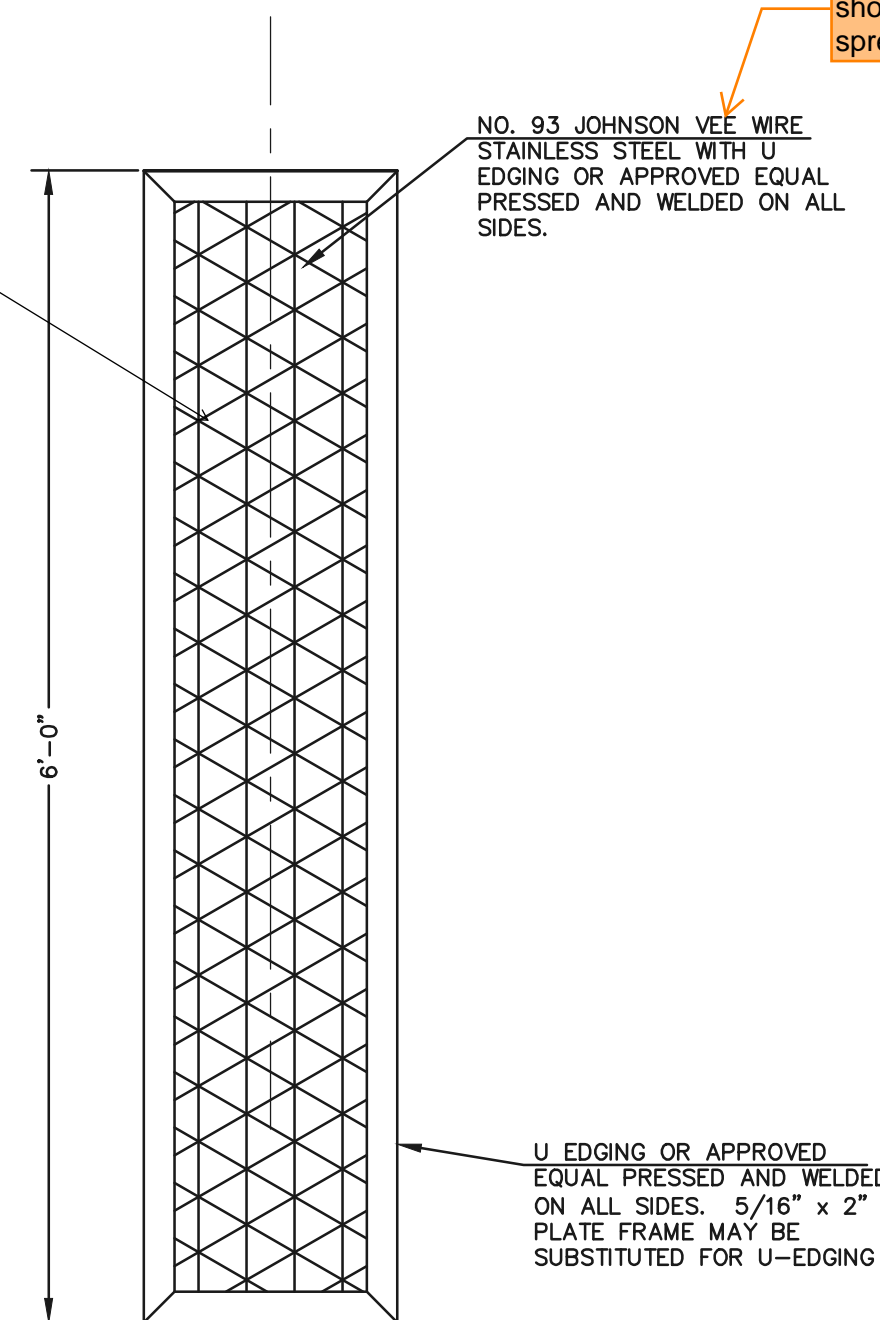


CHANNEL FRAME
SCALE: 1"=1'



SECTION A-A
SCALE: 1"=1'

recommend alternative
hatching. Diamond
plate trash racks are
not an equivalent
replacement to those
in our criteria.



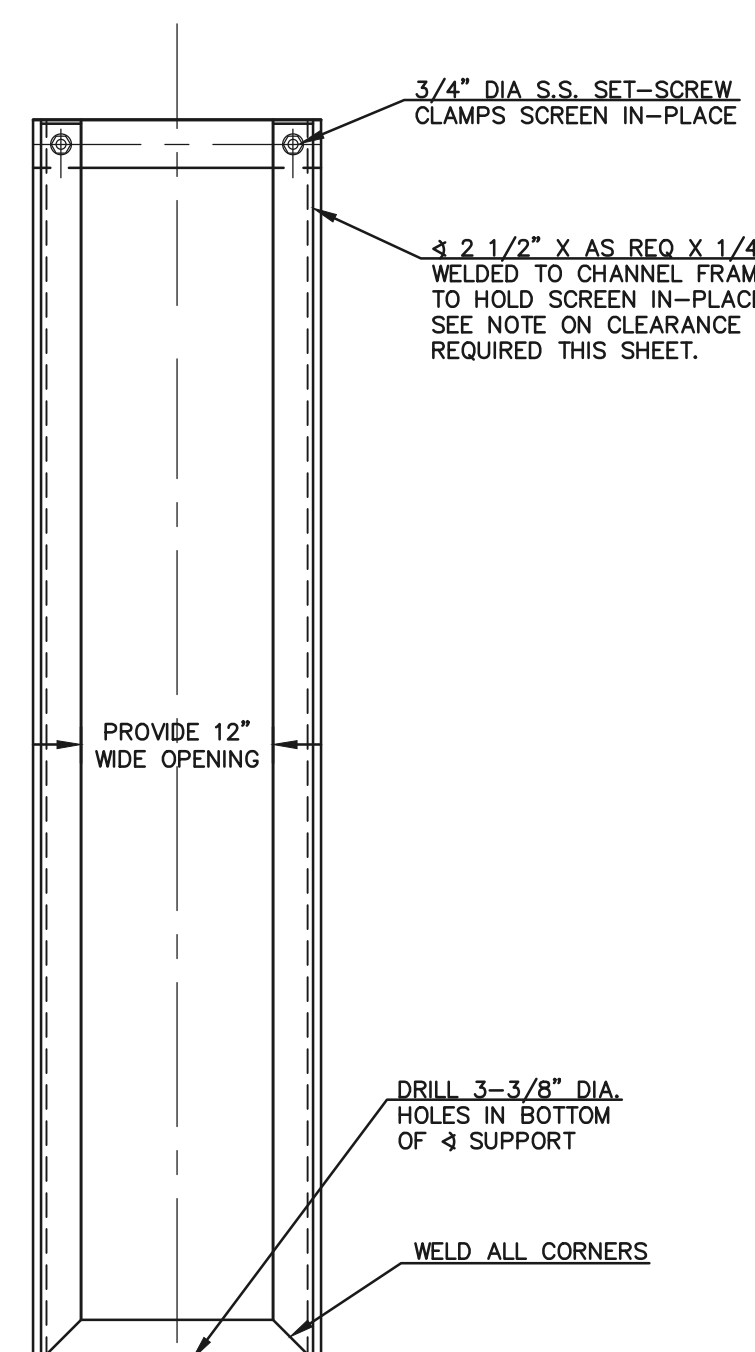
TRASH SCREEN
SCALE: 1"=1'

NO. 93 JOHNSON VEE WIRE
STAINLESS STEEL WITH U
EDGING OR APPROVED
EQUAL PRESSED AND WELDED
ON ALL SIDES.

U EDGING OR APPROVED
EQUAL PRESSED AND WELDED
ON ALL SIDES. 2/16" x 2"
PLATE FRAME MAY BE
SUBSTITUTED FOR U-EDGING

Does not match what is
shown on UD-BMP
spreadsheet

SCREEN SUPPORT
SCALE: 1"=1'



3/4" DIA S.S. SET-SCREW
CLAMPS SCREEN IN-PLACE
3 2 1/2" X AS REQ X 1/4"
WELDED TO CHANNEL FRAME
TO HOLD SCREEN IN-PLACE.
SEE NOTE ON CLEARANCE
REQUIRED THIS SHEET.

DRILL 3-3/8" DIA.
HOLES IN BOTTOM
OF 3 SUPPORT
WELD ALL CORNERS

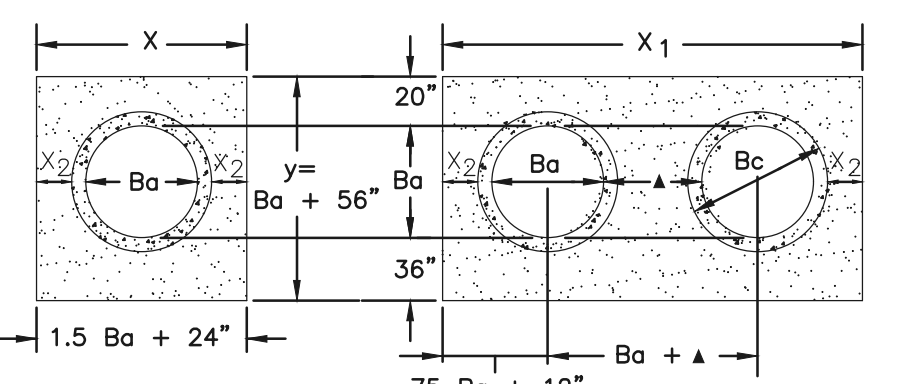
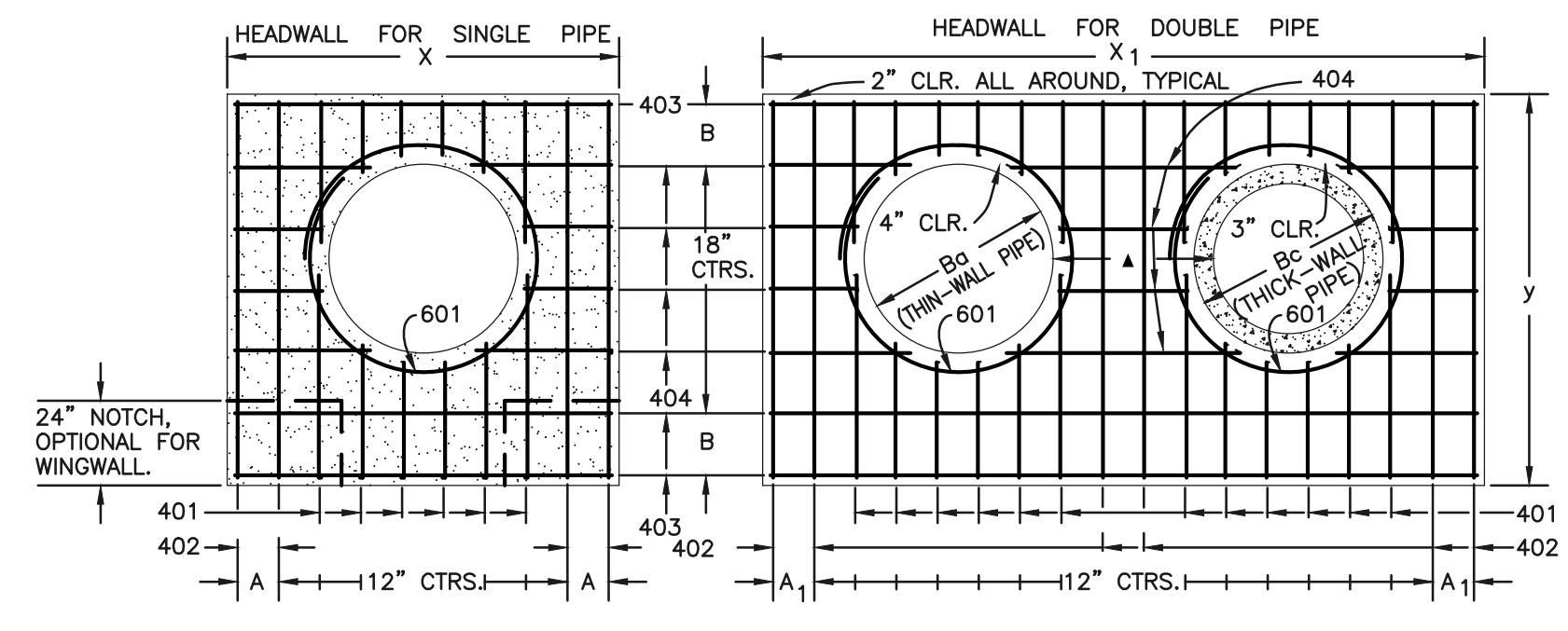
<p>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS 811 UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW</p> <p>THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.</p>	NO. REVISION	DATE	REVIEW:	<p>PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC</p> <p>KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE</p>	<p>PREAMBLE AT HANNAH RIDGE FILING NO. 3 PUBLIC EXTENDED DETENTION BASIN OUTLET PLATE DETAILS POND 1</p>	<p>DESIGNED BY KJC SCALE DATE 12/23/24 DRAWN BY KC (H) 1"= N/A SHEET 14 OF 16 CHECKED BY KRC (V) 1"= N/A JOB NO. 1116.35</p>



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Colorado Springs, Colorado 80903
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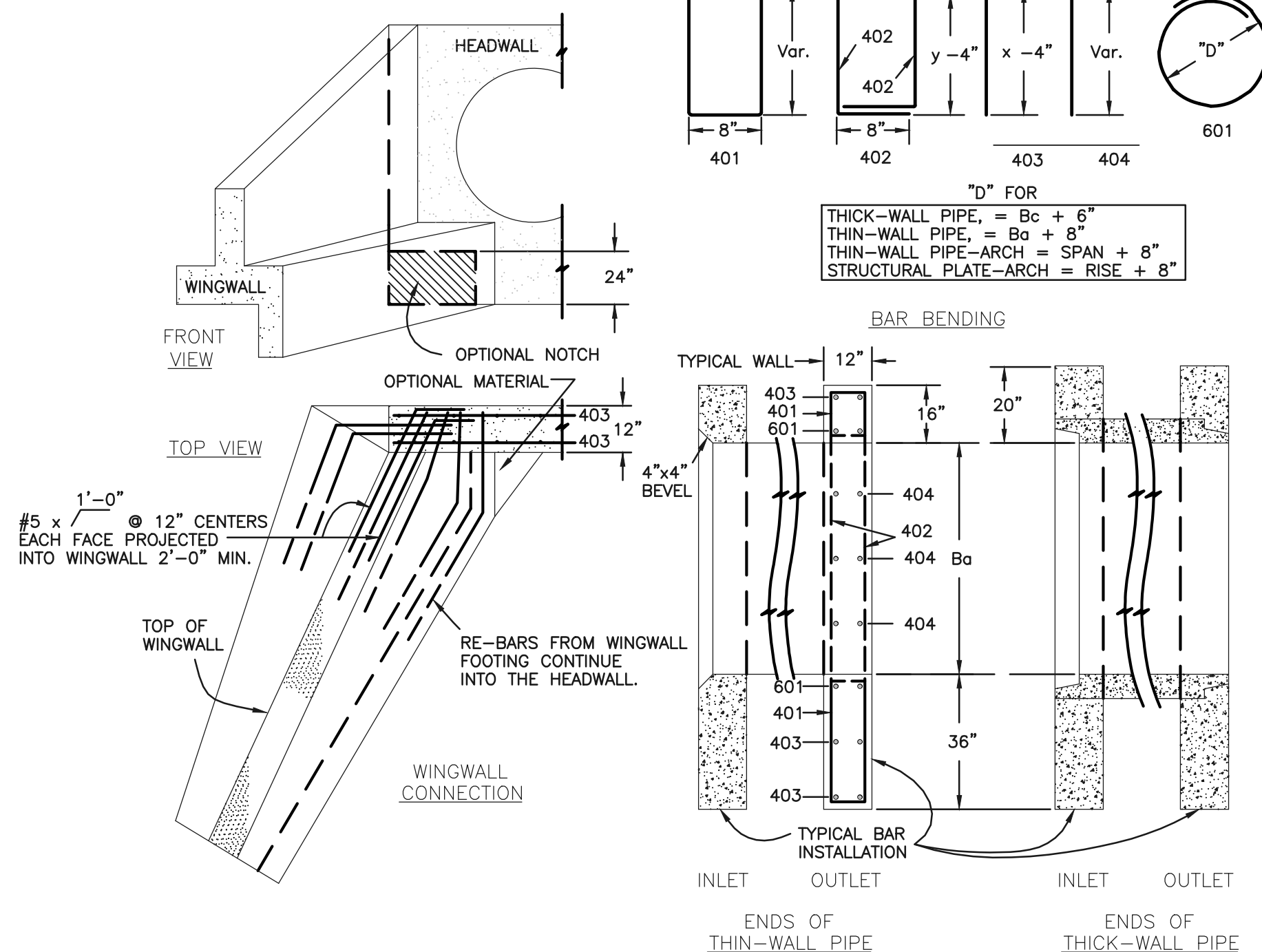


HEADWALL FOR THICK - WALL ROUND PIPE

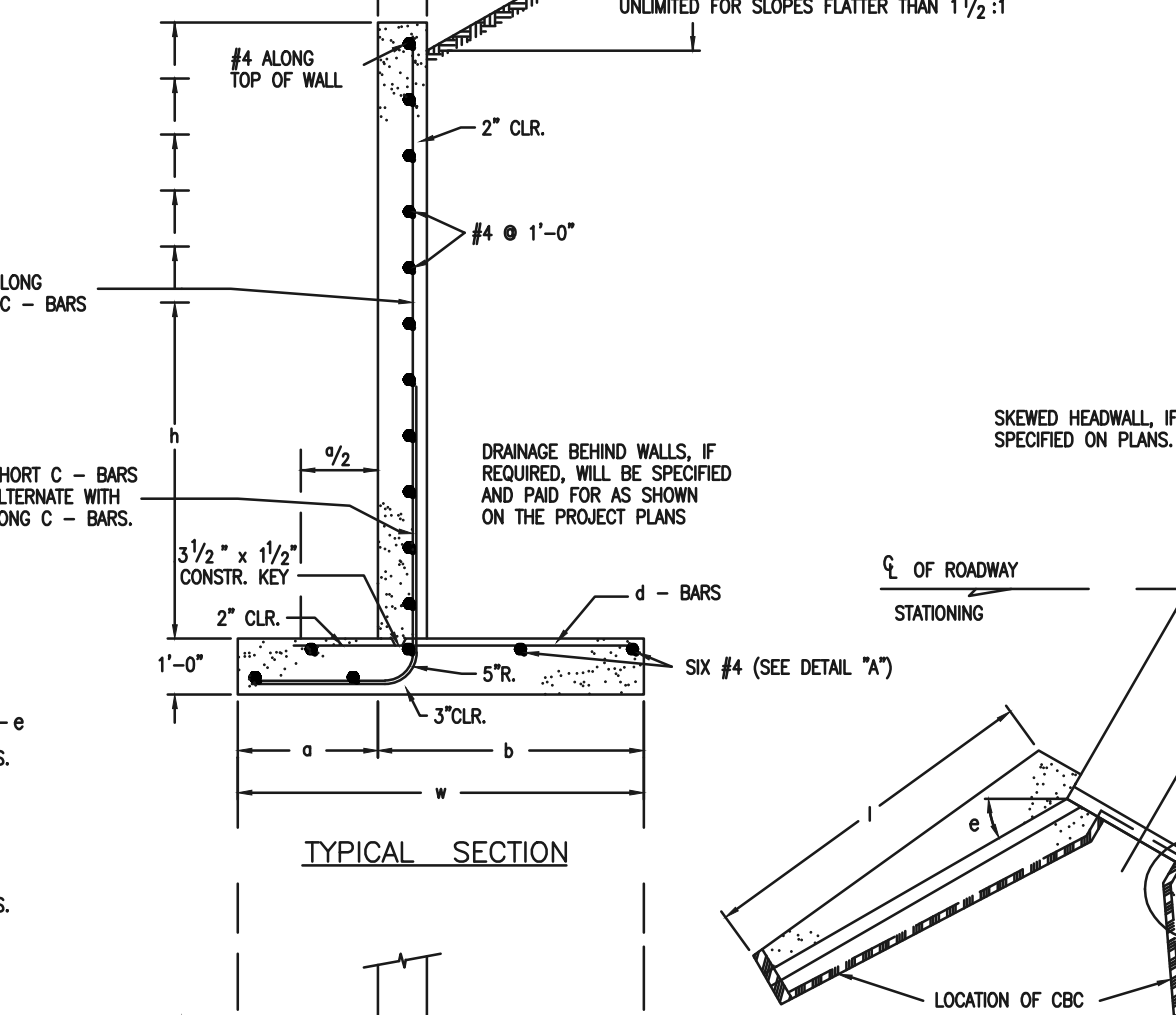
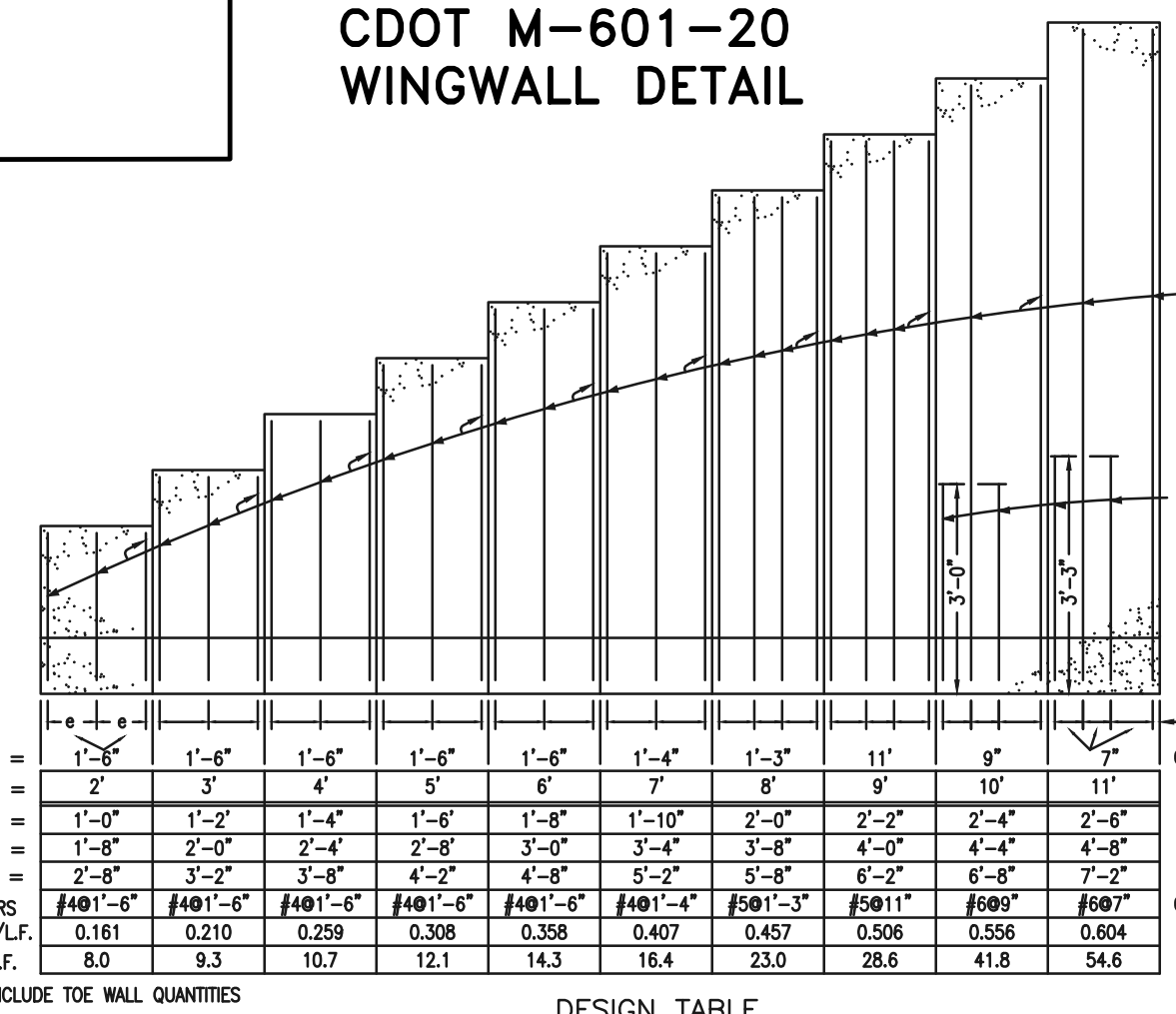
GENERAL NOTES

- CONCRETE SHALL BE CLASS B.
 - HEADWALL SHALL BE PERPENDICULAR TO THE CULVERT Q UNLESS OTHERWISE SHOWN ON THE PLANS. TABULATED DIMENSIONS AND QUANTITIES MUST BE ADJUSTED FOR SKEWED INSTALLATIONS.
 - FOR WINGWALL DETAILS, SEE STANDARD M-601-20.
 - VOLUME OCCUPIED BY PIPE HAS BEEN DEDUCTED FROM STEEL AND CONCRETE QUANTITIES.
 - EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 3/4".
 - ALL BARS SHALL HAVE A 2" MINIMUM CLEARANCE.
- ▲ WHEN TWO OR MORE CONDUITS ARE LAID SIDE BY SIDE, THEY SHALL BE PLACED SO THAT THE ADJACENT PIPES WILL BE 1/2 INSIDE DIAMETER OR 1/2 INSIDE SPAN OR 3 FEET APART (INCLUDING WALL THICKNESS) WHICHEVER IS LESS.
- ADD 0.89 x (X OR X₁) (LB.) WHEN APRON IS REQUIRED.

CDOT M-601-10 - HEADWALL DETAIL



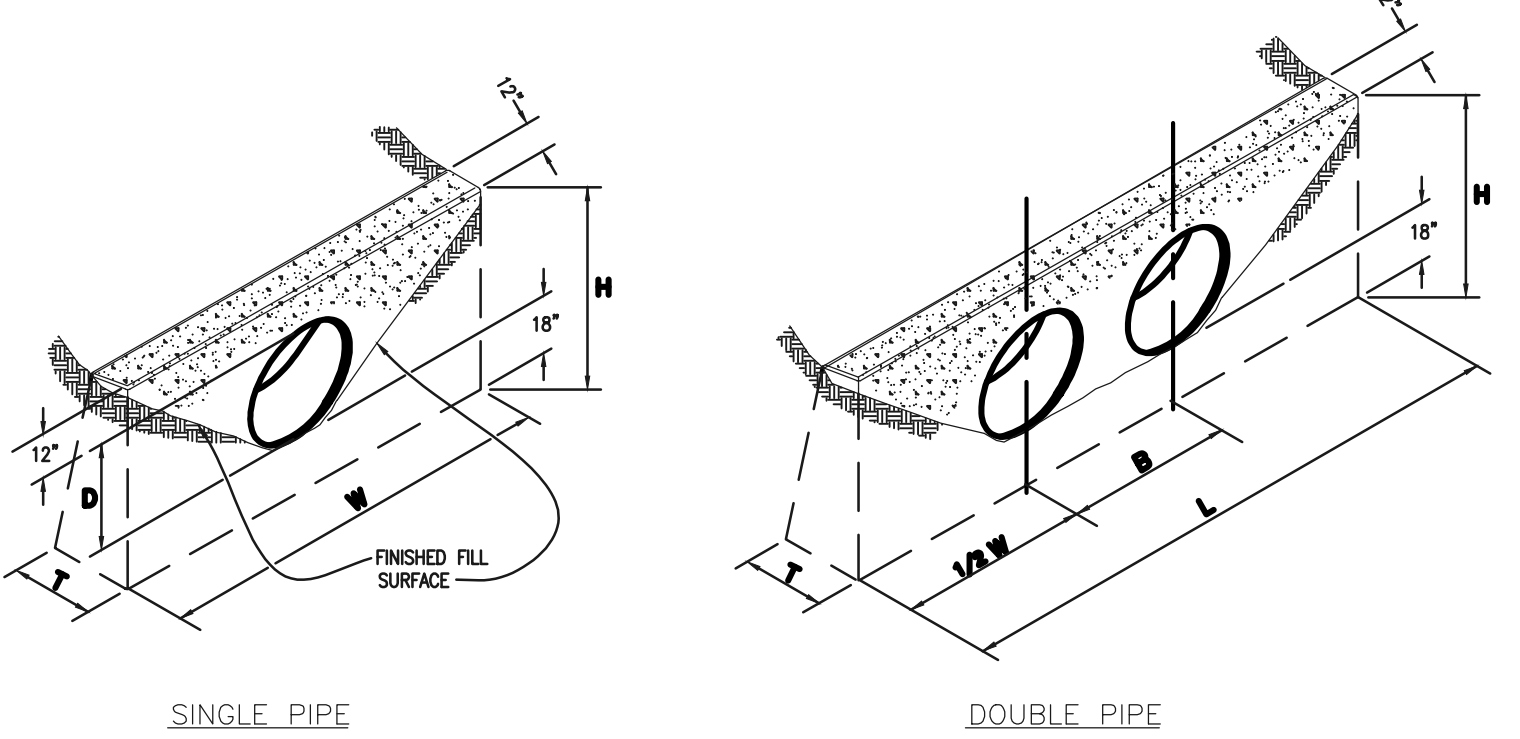
CDOT M-601-20 WINGWALL DETAIL



GENERAL NOTES

- ALL EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 3/4".
- WINGWALL FOOTINGS AND FLOOR OF BOX CULVERT SHALL BE PLACED MONOLITHICALLY.
- DIMENSIONS "H", "B", "R", "S", "T", "W" AND ANGLES FOR WINGWALLS SHALL BE AS SHOWN ON THE PLANS.
- REINFORCING STEEL SHALL BE GRADE 60.
- THE MINIMUM SPICE LENGTH FOR COMMON BAR SIZES SHALL BE:

BAR	#4	#5	#6
SPICE LENGTH	1'-3"	1'-7"	2'-0"



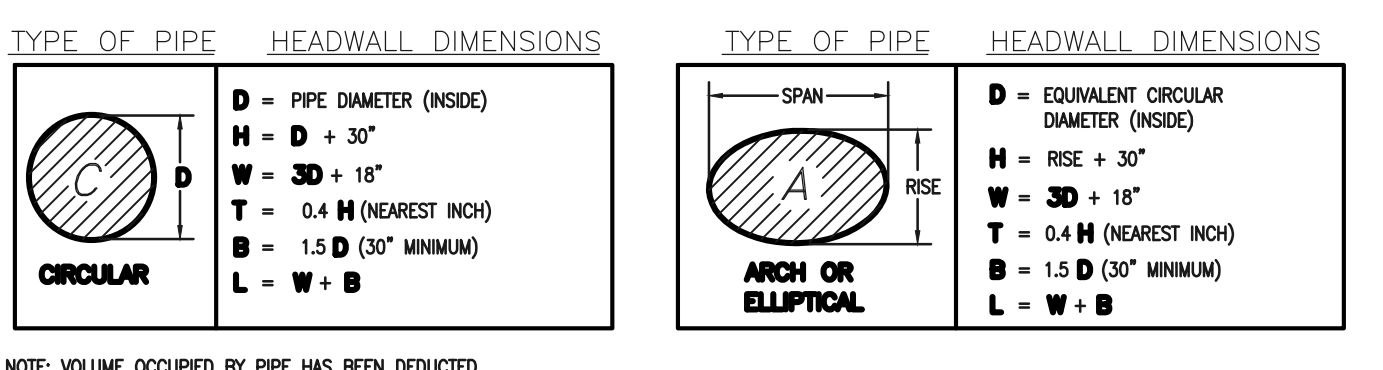
CONCRETE HEADWALL INSTALLATIONS
SEE M-601-10 FOR REINFORCING DETAILS.

QUANTITIES FOR ONE CONCRETE HEADWALL (CUBIC YARDS)

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

CULVERT OUTLET PAVING (CUBIC YARDS)

THICKNESS	MATERIAL	DIAMETER (INCHES)						
		18	24	30	36	42	48	
4"	CONCRETE	0.4	0.8	1.2		2.6	3.8	4.7
6"	CONCRETE							
18"	RIPPRAP	2.0	3.5	5.4	7.8	10.7	13.9	



NOTE: VOLUME OCCUPIED BY PIPE HAS BEEN DEDUCTED.

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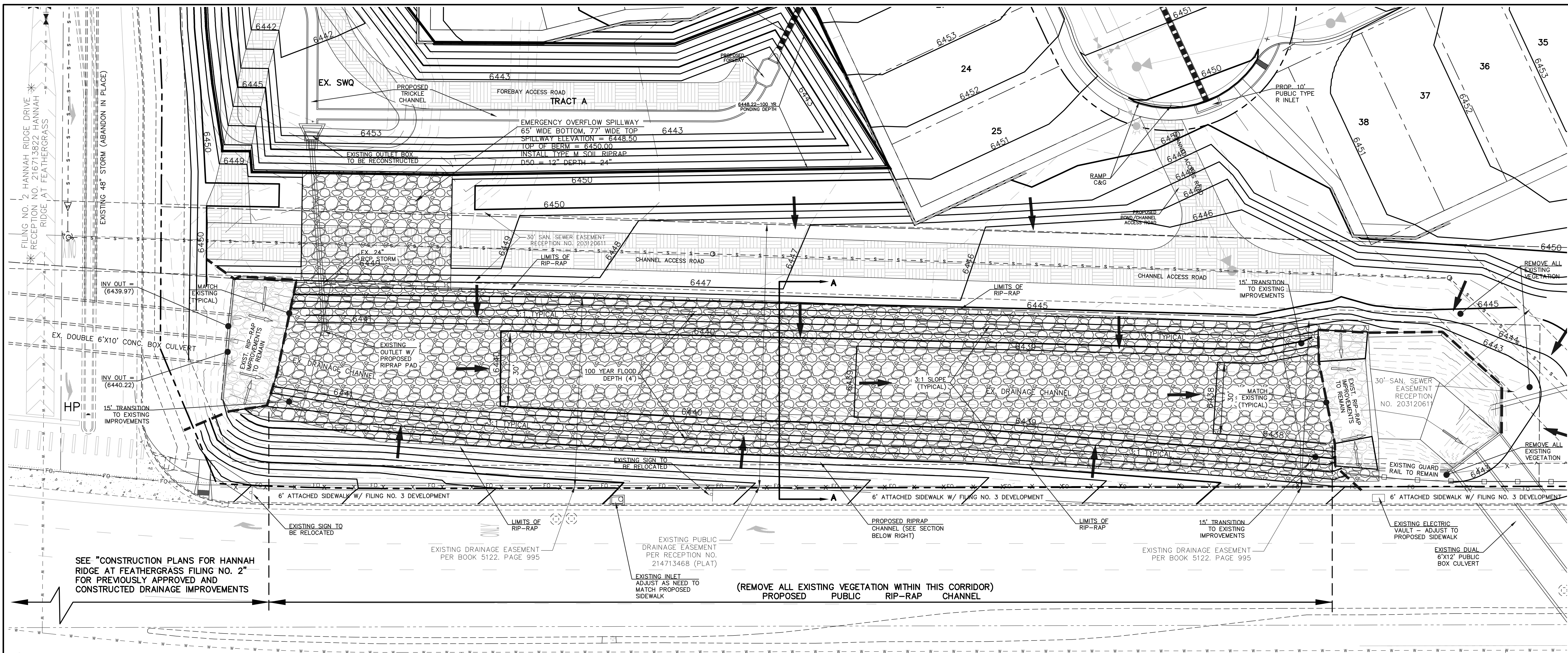
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CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC
KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE

CLASSIC CONSULTING
619 N. Cascade Avenue, Suite 200 (719)785-0790
Colorado Springs, Colorado 80903 (719)785-0799(Fax)

PREAMBLE AT HANNAH RIDGE
FILING NO. 3
PUBLIC EXTENDED DETENTION BASIN
DETAILS

DESIGNED BY	KC	SCALE	DATE	12/23/24
DRAWN BY	KC	(H) 1"=VARIES	SHEET	15 OF 16
CHECKED BY	KRC	(V) 1"= N/A	JOB NO.	1116.35

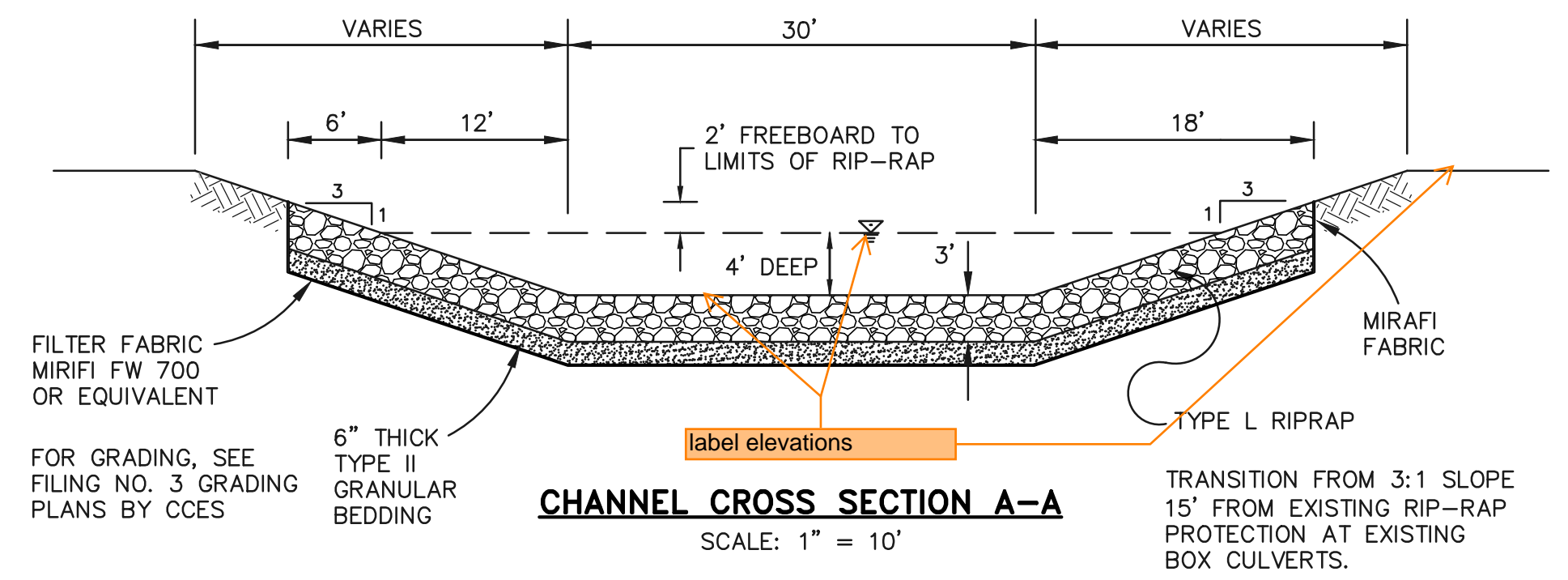
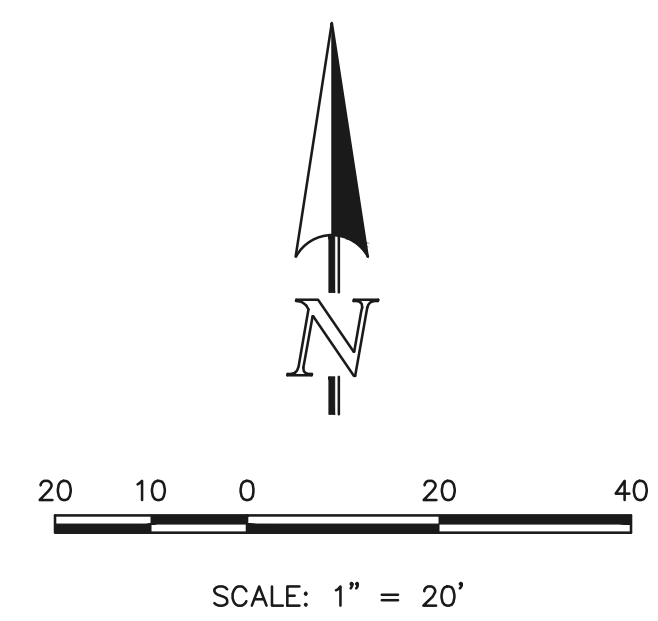
N:\11635\DRAWINGS\CONSTRUCT\DWG\ST000A\15-11635-PL3-FOUND-05.dwg, 12/23/2024, 11:40:17 AM, 1-1



SEE "CONSTRUCTION PLANS FOR HANNAH RIDGE AT FEATHERGRASS FILING NO. 2" FOR PREVIOUSLY APPROVED AND CONSTRUCTED DRAINAGE IMPROVEMENTS

(REMOVE ALL EXISTING VEGETATION WITHIN THIS CORRIDOR)
PROPOSED PUBLIC RIP-RAP CHANNEL

* CONSTITUTION AVENUE *
(120' ROW) PLAT BOOK
V-3, PAGE 169



LEGEND	
	PROPOSED FIRE HYDRANT
	PROPOSED WATER MAIN
	PROPOSED SANITARY SEWER MAIN
	PROPOSED STORM SEWER
	PROPOSED STORM INLET
	ROW/BOUNDARY LINE
	EXISTING FIRE HYDRANT
	EXISTING WATER MAIN
	EXISTING SANITARY SEWER MAIN
	EXISTING STORM SEWER
	EXISTING STORM INLET
	EXISTING GAS MAIN
	EXISTING ELECTRIC

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Colorado Springs, Colorado 80903

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(719) 785-0799 (Fax)

**PREAMBLE AT HANNAH RIDGE
FILING NO. 3
PUBLIC STORM SEWER CHANNEL PLANS**

DESIGNED BY	KC	SCALE	DATE	12/23/24
DRAWN BY	KC	(H) 1" = 20'	SHEET	16 OF 16
CHECKED BY	KRC	(V) 1" = N/A	JOB NO.	1116.35

SF-24-0



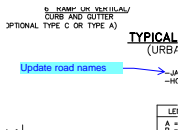
V1_Construction Drawings (Plans-Profiles).pdf Markup Summary

Bret (39)

Please add missing sheets, 1 - 5
include standard details
SD_2-26, SD_2-40, SD_2-41,
and SD_2-42

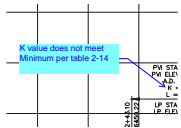
Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/24/2025 12:49:13 PM
Status:
Color: ■
Layer:
Space:

Please add missing sheets, 1 - 5
include standard details SD_2-26, SD_2-40,
SD_2-41, and SD_2-42



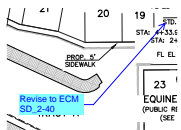
Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/24/2025 11:33:16 AM
Status:
Color: ■
Layer:
Space:

Update road names



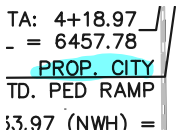
Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:10:04 AM
Status:
Color: ■
Layer:
Space:

K value does not meet Minimum per table 2-14

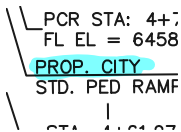


Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:24:33 AM
Status:
Color: ■
Layer:
Space:

Revise to ECM SD_2-40



Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:24:47 AM
Status:
Color: ■
Layer:
Space:



Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:24:53 AM
Status:
Color: ■
Layer:
Space:

PROP. CONC.
STD. CROSS PA
PROP. CITY
STD. PED RAM

Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:24:59 AM
Status:
Color: ■
Layer:
Space:

FL-FL INT.
L EL = 6459.12
PROP. CITY
STD. PED RAMP
A: 4+13.97

Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:25:04 AM
Status:
Color: ■
Layer:
Space:

INT.
= 6459.12
6' CONC. CITY
ROSS PAN
. CITY

Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:25:21 AM
Status:
Color: ■
Layer:
Space:

PROP.
STD. C

Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:25:23 AM
Status:
Color: ■
Layer:
Space:

BT STA: 5+74.
FL EL = 6462.
ET/PCR STA: 346
Revise to ECM
SD 2-26
FL EL
P
C


Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:25:42 AM
Status:
Color: ■
Layer:
Space:

Revise to ECM SD_2-26


STA: 2+60.00
STA: 4+61.97
FL-FL INT.
FL EL = 6458.08
PROP. CITY STD.
PED RAMP
PCR STA: 2+68.0
FL EL = 6457.48

Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:26:40 AM
Status:
Color: ■
Layer:
Space:


PCR STA: 2+68.0
FL EL = 6457.46
PROP. CITY STD.
PED RAMP
STA: 2+53.00 =
FL EL = 6457.07

Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:26:44 AM
Status:
Color: 
Layer:
Space:


PCR STA: 1+45.7
FL EL = 6461.17
PROP. CITY STD.
PED RAMP
STA: 1+25.87
FL-FL INT

Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:26:48 AM
Status:
Color: 
Layer:
Space:


STA: 1+25.87
FL-FL INT.
FL EL = 6462.68
PROP. CITY STD.
PED RAMP
PCR STA: 1+46.
FL EL = 6462.21

Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:26:52 AM
Status:
Color: 
Layer:
Space:


FL-FL INT.
FL EL = 6459.12
PROP. 6' CITY
STD. CROSS PAN
STA: 2+53.00 =
STA: 4+61.97
FL-FL INT.
FL EL = 6459.00

Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:27:13 AM
Status:
Color: 
Layer:
Space:

= 0459.12
6' CITY
ROSS PAN

Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:27:15 AM
Status:
Color: 
Layer:
Space:

PROP. 6' CON
CITY STD.
CROSS PAN
B
FL

Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:29:25 AM
Status:
Color: 
Layer:
Space:

PROP. 6' C
CITY STD.
CROSS PAN

Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:29:27 AM
Status:
Color: ■
Layer:
Space:

PROP. 6' C
CITY STD.
CROSS PAN

Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:29:53 AM
Status:
Color: ■
Layer:
Space:

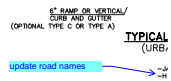
PROP. 6' CON
CITY STD.
CROSS PAN
PROP. TY
C&G

Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:29:55 AM
Status:
Color: ■
Layer:
Space:



Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:32:30 AM
Status:
Color: ■
Layer:
Space:

Include call out for ped ramps

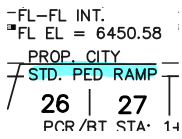


Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:14:37 AM
Status:
Color: ■
Layer:
Space:

update road names

FL-FL INT.
FL EL = 6450.00
PROP. CITY
STD. PED RAM
26 | 27

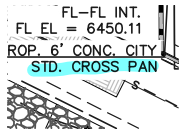
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Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:30:16 AM
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Layer:
Space:



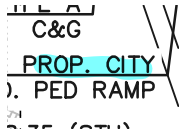
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Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:30:19 AM
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Layer:
Space:



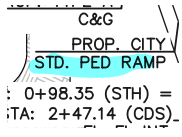
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Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:30:23 AM
Status:
Color: ■
Layer:
Space:



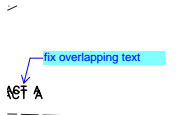
Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:30:26 AM
Status:
Color: ■
Layer:
Space:



Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:30:28 AM
Status:
Color: ■
Layer:
Space:

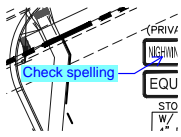


Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/28/2025 11:30:31 AM
Status:
Color: ■
Layer:
Space:



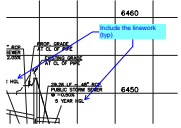
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Page Label: [1] Layout1
Author: Bret
Date: 1/24/2025 11:08:35 AM
Status:
Color: ■
Layer:
Space:

fix overlapping text



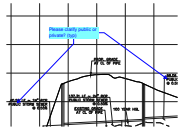
Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/24/2025 11:13:09 AM
Status:
Color: ■
Layer:
Space:

Check spelling



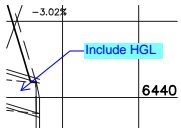
Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/24/2025 11:22:40 AM
Status:
Color: ■
Layer:
Space:

Include the linework (typ)



Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/24/2025 11:24:07 AM
Status:
Color: ■
Layer:
Space:

Please clarify public or private? (typ)



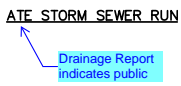
Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/24/2025 11:28:03 AM
Status:
Color: ■
Layer:
Space:

Include HGL

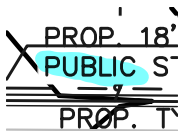
PRIVATE

Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/27/2025 3:58:56 PM
Status:
Color: ■
Layer:
Space:

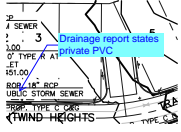
Drainage Report indicates public



Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/27/2025 3:59:14 PM
Status:
Color: ■
Layer:
Space:

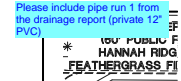


Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/27/2025 4:00:59 PM
Status:
Color: ■
Layer:
Space:



Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/27/2025 4:01:22 PM
Status:
Color: ■
Layer:
Space:

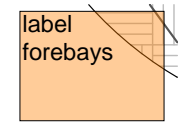
Drainage report states private PVC



Subject: Engineer
Page Label: [1] Layout1
Author: Bret
Date: 1/27/2025 4:43:21 PM
Status:
Color: ■
Layer:
Space:

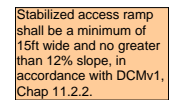
Please include pipe run 1 from the drainage report (private 12" PVC)

Christina Prete (8)



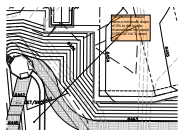
Subject: Contractor
Page Label: [1] Layout1
Author: Christina Prete
Date: 1/28/2025 11:23:45 AM
Status:
Color: ■
Layer:
Space:

label forebays



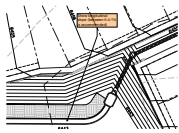
Subject: Contractor
Page Label: [1] Layout1
Author: Christina Prete
Date: 1/28/2025 11:29:05 AM
Status:
Color: ■
Layer:
Space:

Stabilized access ramp shall be a minimum of 15ft wide and no greater than 12% slope, in accordance with DCMv1, Chap 11.2.2.



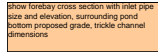
Subject: Contractor
Page Label: [1] Layout1
Author: Christina Prete
Date: 1/28/2025 11:31:18 AM
Status:
Color: ■
Layer:
Space:

Pond bottom should have a minimum slope of 3% to the trickle channel and micropool (USDCM Vol 3, detail T-5).



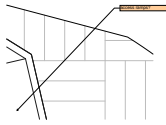
Subject: Contractor
Page Label: [1] Layout1
Author: Christina Prete
Date: 1/28/2025 11:32:09 AM
Status:
Color: ■
Layer:
Space:

Show longitudinal slope (between 0.4-1% is recommended)



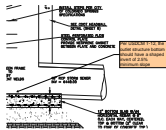
Subject: Contractor
Page Label: [1] Layout1
Author: Christina Prete
Date: 1/28/2025 11:26:47 AM
Status:
Color: ■
Layer:
Space:

show forebay cross section with inlet pipe size and elevation, surrounding pond bottom proposed grade, trickle channel dimensions



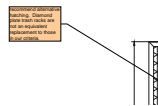
Subject: Contractor
Page Label: [1] Layout1
Author: Christina Prete
Date: 1/28/2025 11:26:56 AM
Status:
Color: ■
Layer:
Space:

access ramps?



Subject: Contractor
Page Label: [1] Layout1
Author: Christina Prete
Date: 1/28/2025 11:30:46 AM
Status:
Color: ■
Layer:
Space:

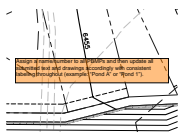
Per USDCM T-12, the outlet structure bottom should have a shaped invert of 2.5% minimum slope



Subject: Contractor
Page Label: [1] Layout1
Author: Christina Prete
Date: 1/28/2025 11:33:15 AM
Status:
Color: ■
Layer:
Space:

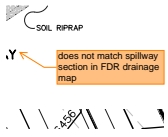
recommend alternative hatching. Diamond plate trash racks are not an equivalent replacement to those in our criteria.

Glenn Reese - EPC Stormwater (16)



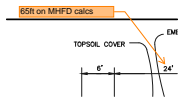
Subject: SW - Textbox
Page Label: [1] Layout1
Author: Glenn Reese - EPC Stormwater
Date: 1/27/2025 3:42:10 PM
Status:
Color: ■
Layer:
Space:

Assign a name/number to all PBMPs and then update all submitted text and drawings accordingly with consistent labeling throughout (example: "Pond A" or "Pond 1").



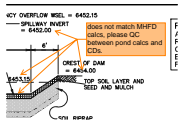
Subject: SW - Textbox with Arrow
Page Label: [1] Layout1
Author: Glenn Reese - EPC Stormwater
Date: 1/27/2025 6:03:47 PM
Status:
Color: ■
Layer:
Space:

does not match spillway section in FDR drainage map



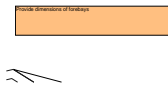
Subject: SW - Textbox with Arrow
Page Label: [1] Layout1
Author: Glenn Reese - EPC Stormwater
Date: 1/27/2025 6:04:09 PM
Status:
Color: ■
Layer:
Space:

65ft on MHFD calcs



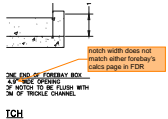
Subject: SW - Textbox with Arrow
Page Label: [1] Layout1
Author: Glenn Reese - EPC Stormwater
Date: 1/27/2025 6:05:09 PM
Status:
Color: ■
Layer:
Space:

does not match MHFD calcs, please QC between pond calcs and CDs.



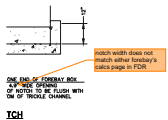
Subject: SW - Textbox
Page Label: [1] Layout1
Author: Glenn Reese - EPC Stormwater
Date: 1/27/2025 3:32:28 PM
Status:
Color: ■
Layer:
Space:

Provide dimensions of forebays



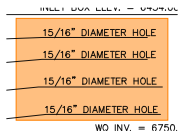
Subject: SW - Textbox with Arrow
Page Label: [1] Layout1
Author: Glenn Reese - EPC Stormwater
Date: 1/27/2025 6:02:03 PM
Status:
Color: ■
Layer:
Space:

notch width does not match either forebay's calcs page in FDR

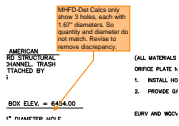


Subject: SW - Textbox with Arrow
Page Label: [1] Layout1
Author: Glenn Reese - EPC Stormwater
Date: 1/27/2025 6:02:10 PM
Status:
Color: ■
Layer:
Space:

notch width does not match either forebay's calcs page in FDR

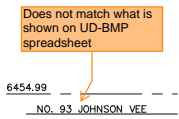


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Page Label: [1] Layout1
Author: Glenn Reese - EPC Stormwater
Date: 1/27/2025 3:35:29 PM
Status:
Color: ■
Layer:
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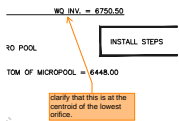
Subject: SW - Textbox with Arrow
Page Label: [1] Layout1
Author: Glenn Reese - EPC Stormwater
Date: 1/27/2025 3:36:48 PM
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Space:

MHFD-Det Calcs only show 3 holes, each with 1.67" diameters. So quantity and diameter do not match. Review to remove discrepancy.



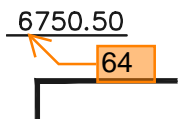
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Page Label: [1] Layout1
Author: Glenn Reese - EPC Stormwater
Date: 1/27/2025 3:42:54 PM
Status:
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Layer:
Space:

Does not match what is shown on UD-BMP spreadsheet



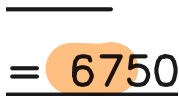
Subject: SW - Textbox with Arrow
Page Label: [1] Layout1
Author: Glenn Reese - EPC Stormwater
Date: 1/27/2025 3:44:16 PM
Status:
Color: ■
Layer:
Space:

clarify that this is at the centroid of the lowest orifice.



Subject: SW - Textbox with Arrow
Page Label: [1] Layout1
Author: Glenn Reese - EPC Stormwater
Date: 1/27/2025 3:44:28 PM
Status:
Color: ■
Layer:
Space:

64



Subject: SW - Highlight
Page Label: [1] Layout1
Author: Glenn Reese - EPC Stormwater
Date: 1/27/2025 3:44:35 PM
Status:
Color: ■
Layer:
Space:

6455.10 per MHFD-Det calcs.

ELEV. = 6454.00

Subject: SW - Textbox with Arrow
Page Label: [1] Layout1
Author: Glenn Reese - EPC Stormwater
Date: 1/27/2025 3:46:43 PM
Status:
Color: ■
Layer:
Space:

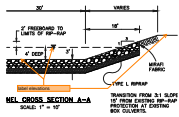
6455.10 per MHFD-Det calcs.

Does not match what is shown on UD-BMP spreadsheet

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label elevations