

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

-JAZZY LADY COURT CUL-DE-SAC
-HORSEMANSHIP COURT CUL-DE-SAC

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'

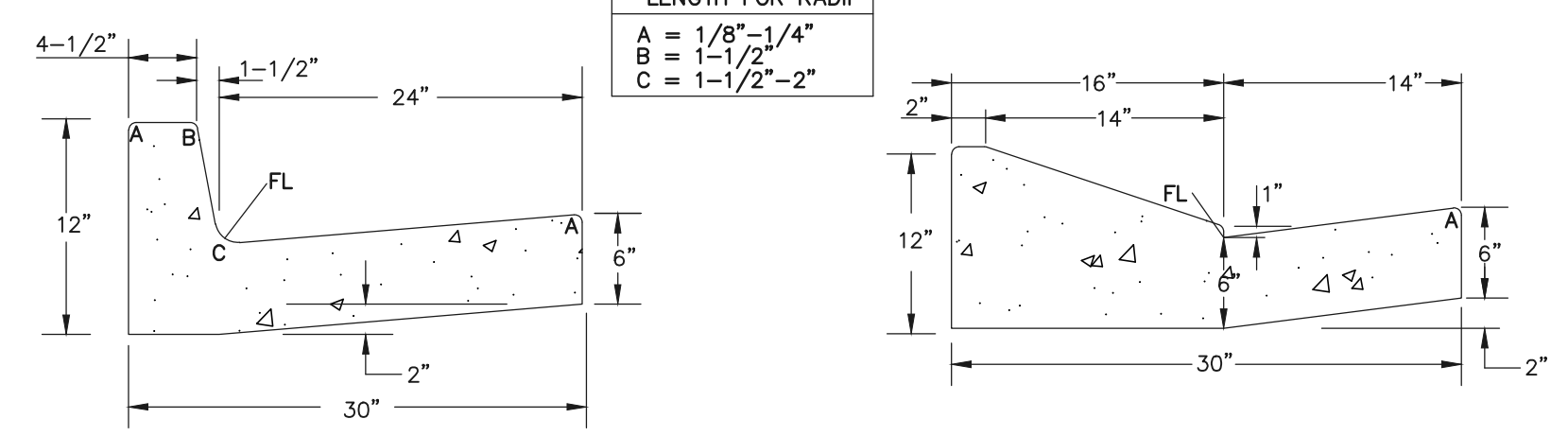
CENTERLINE CURVE TABLE			
DELTA	RADIUS	LENGTH	
C1 25°23'00"	200.00'	88.61'	

- 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'	

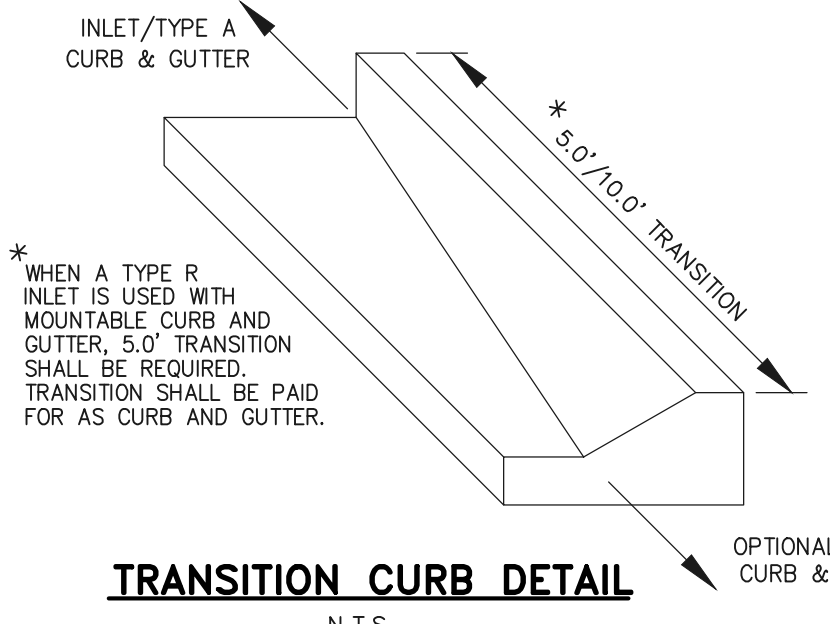
F4 90°00'00"	15.00'	23.56'	
F5 90°00'00"	25.00'	39.27'	
F6 71°12'09"	45.00'	55.92'	
F7 74°46'12"	45.00'	58.72'	
F8 93°34'02"	15.00'	24.50'	

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'	



EPC TYPE A CURB & GUTTER

EPC OPTIONAL TYPE C CURB & GUTTER

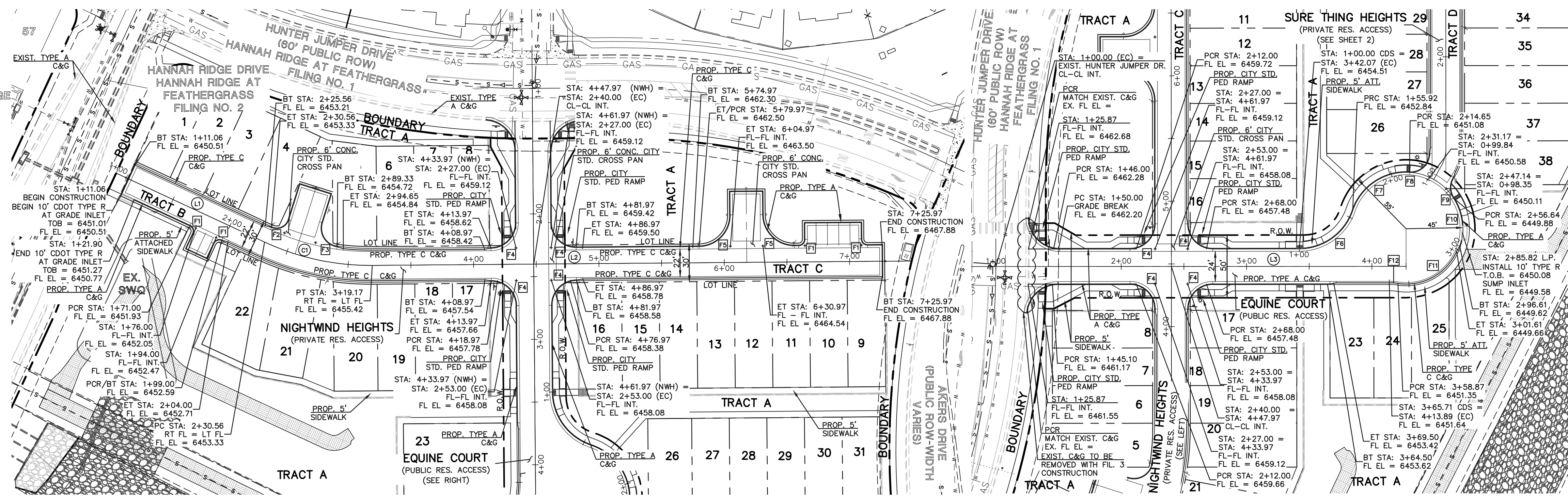


TRANSITION CURB DETAIL

STREET ABBREVIATION INDEX:

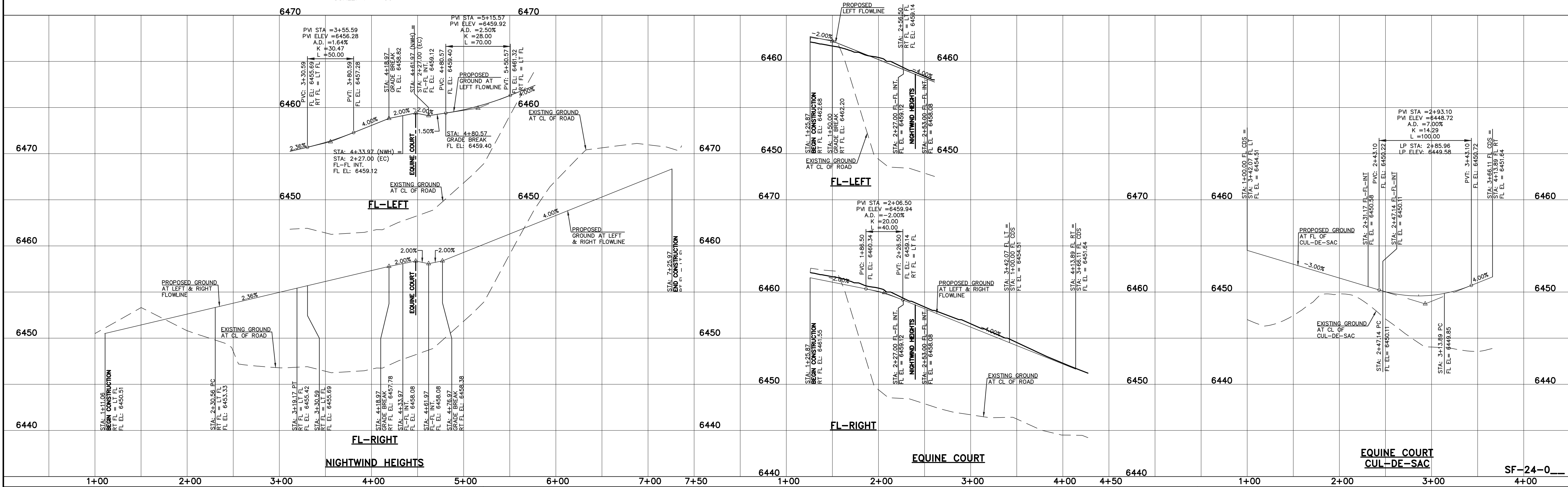
- NWH NIGHTWIND HEIGHTS
- EC EQUINE COURT
- STH SURE THING HEIGHTS

SCALE: 1" = 50'



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

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



48 HOURS BEFORE YOU DIG,
CALL UTILITY LOCATORS
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UTILITY NOTIFICATION CENTER OF COLORADO
IT'S THE LAW

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE HEIGHTS 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.

NO.	REVISION	DATE

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

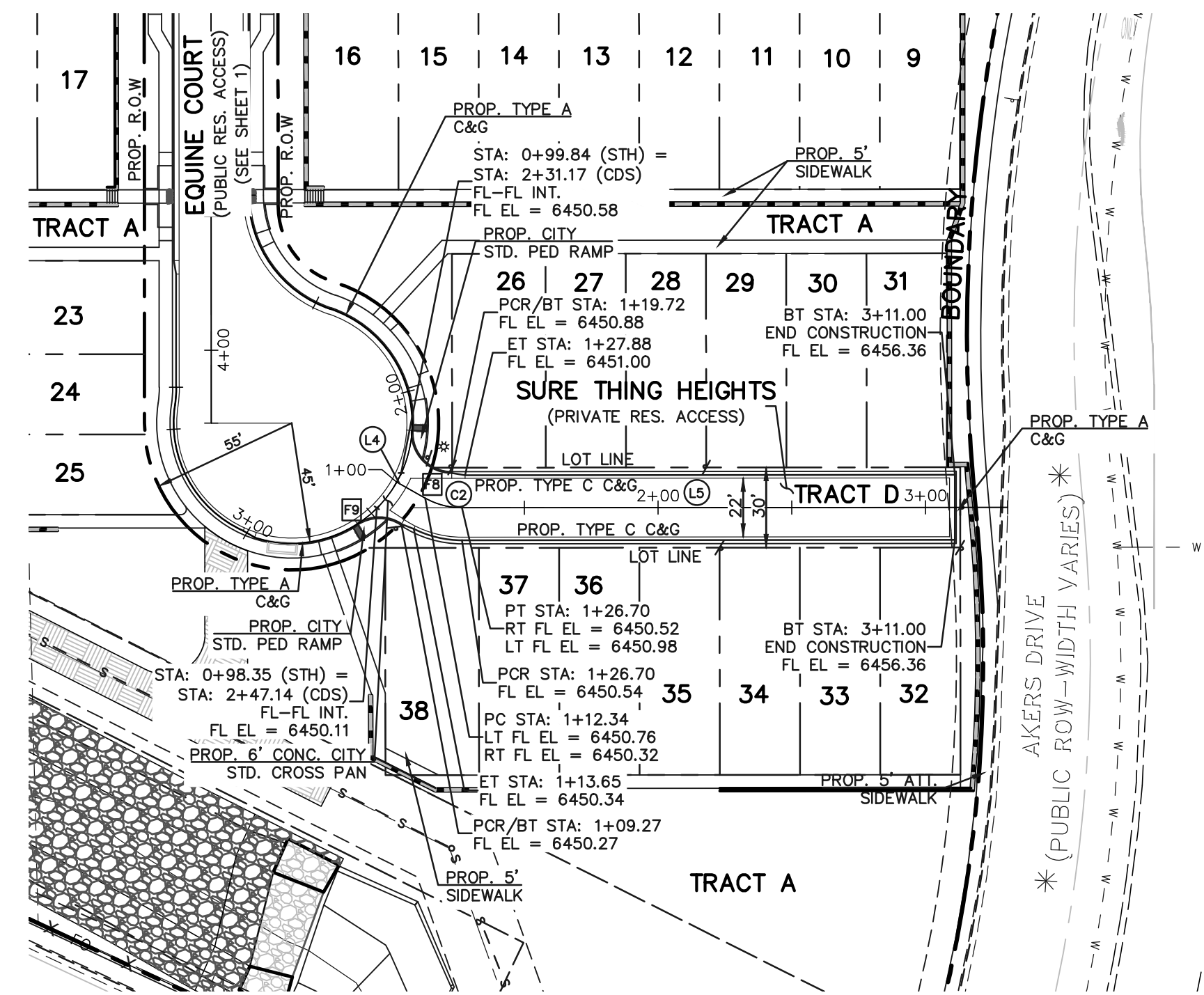
KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE



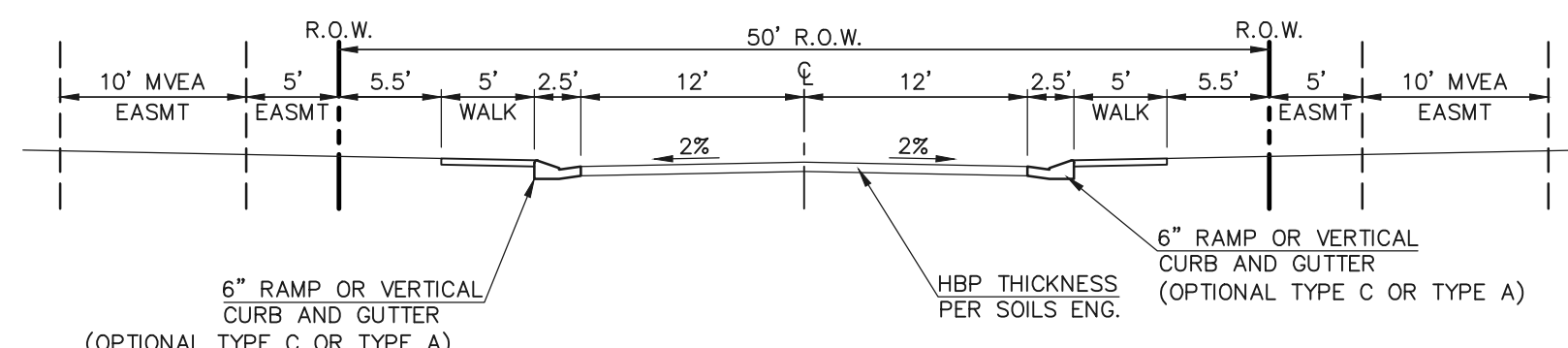
PREAMBLE AT HANNAH RIDGE
FILING NO. 3
STREET IMPROVEMENT PLANS
NIGHTWIND HEIGHTS, EQUINE CT./CUL-DE-SAC

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:\1116.35\DRAWINGS\CONSTRUCTION\STREETS\06-1116.35-FL-3-9-10.dwg, 12/23/2024 10:22:30 AM, 1:1



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



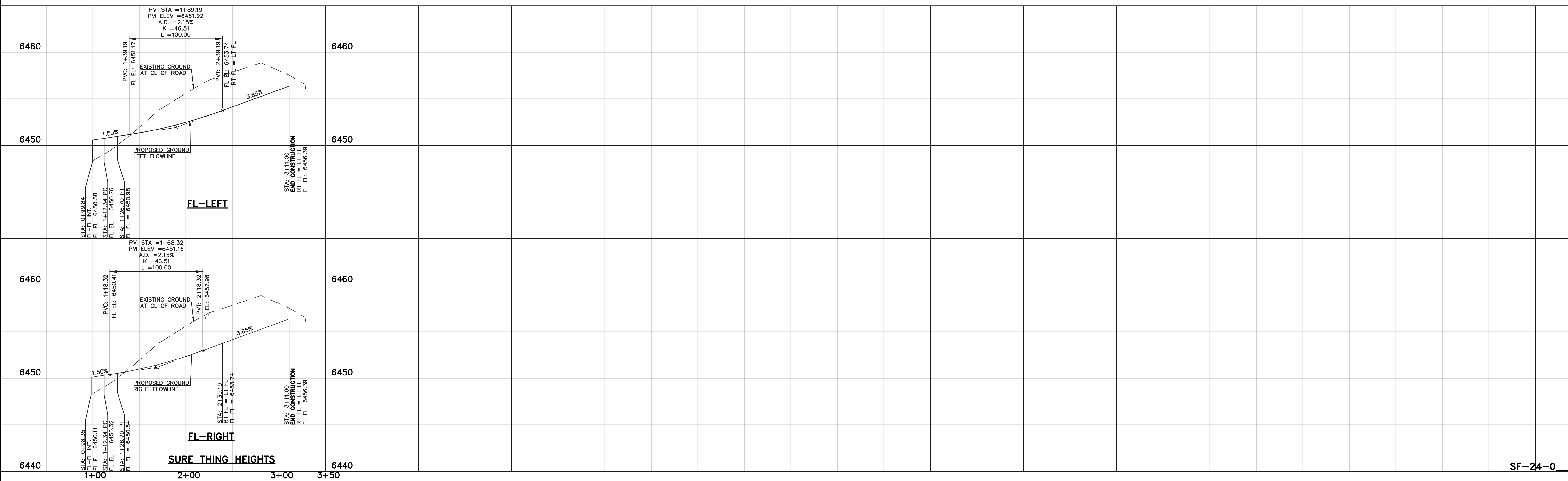
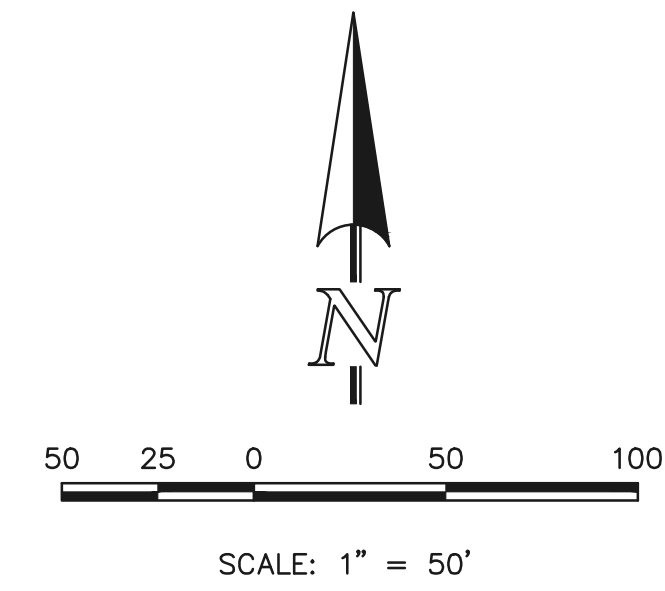
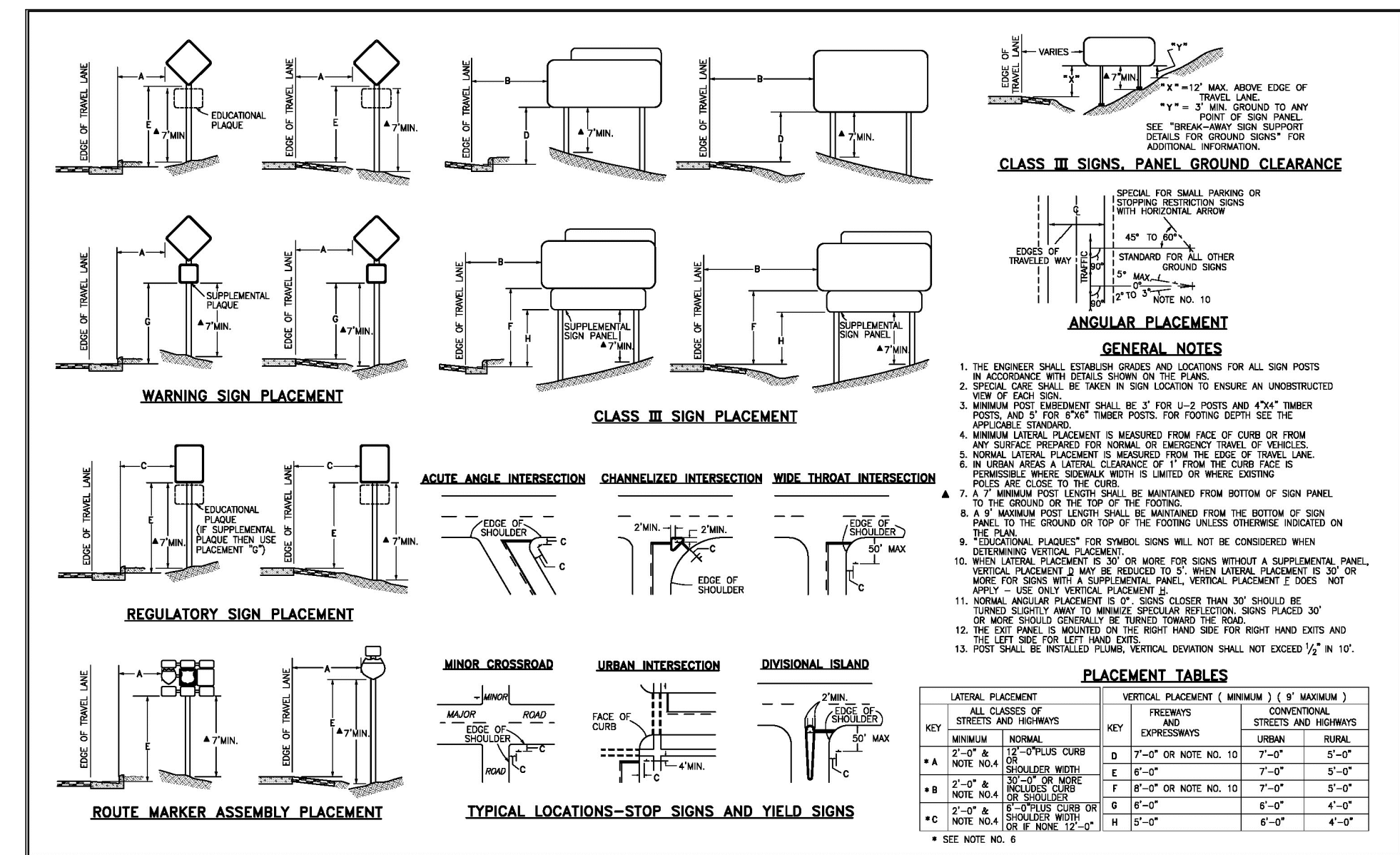
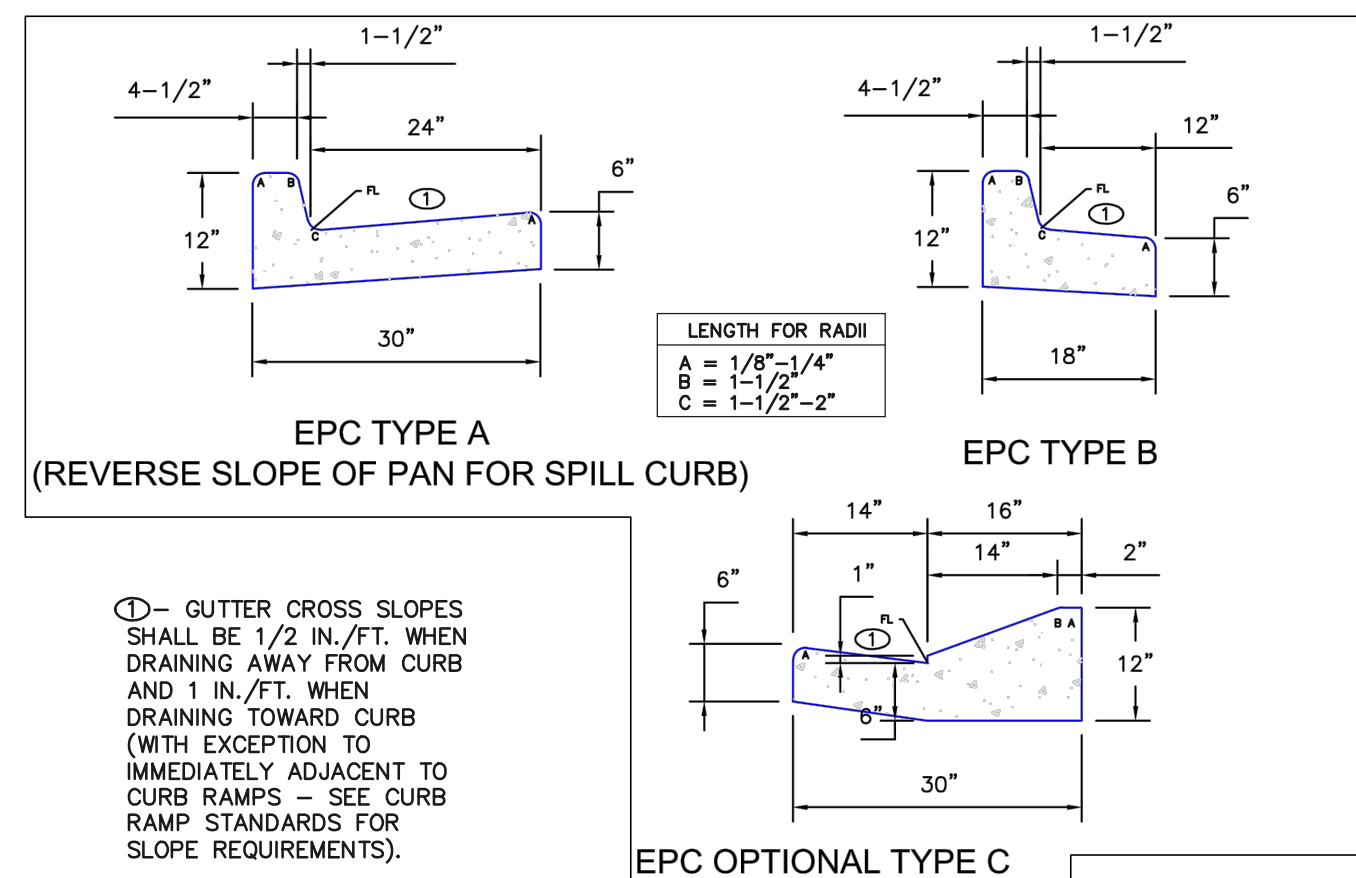
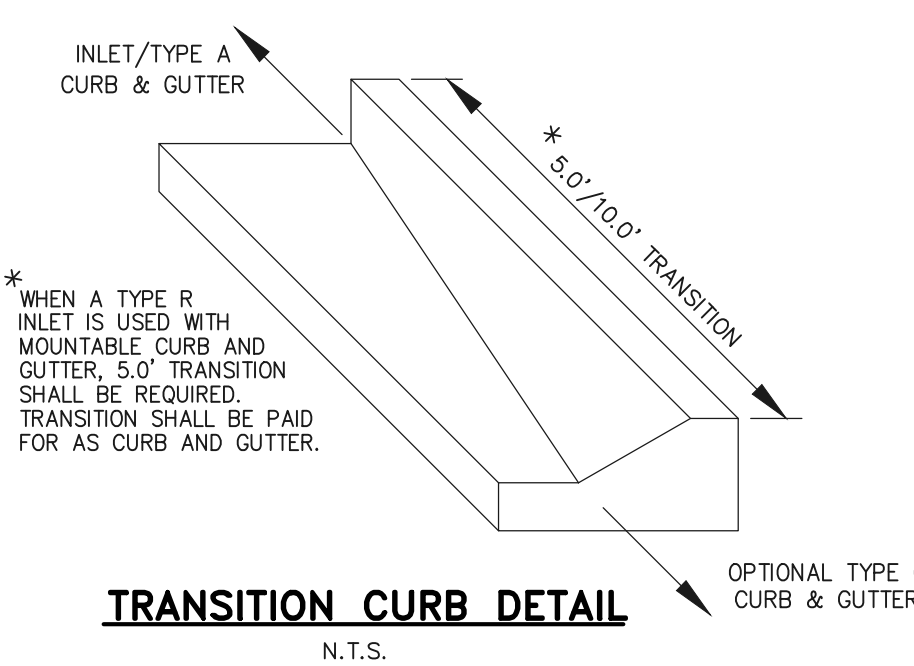
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SCALE: 1" = 10'

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 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'
L5	N64°57'41"E	184.30'			14.36'

STREET ABBREVIATION INDEX:

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



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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

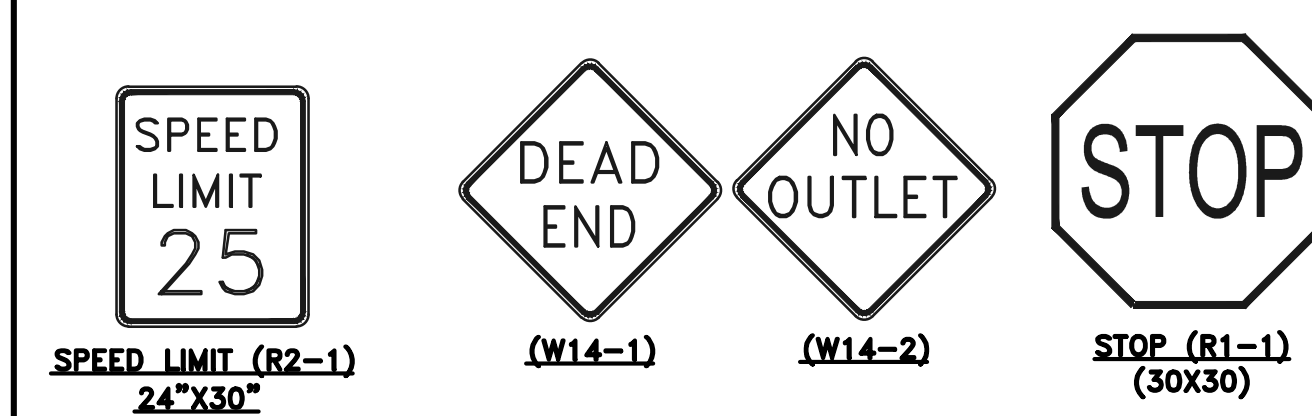
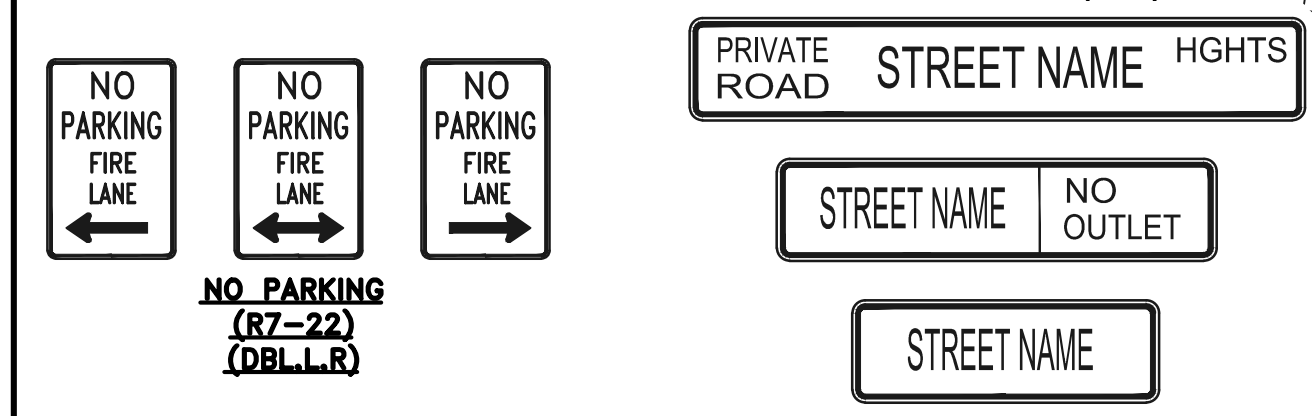
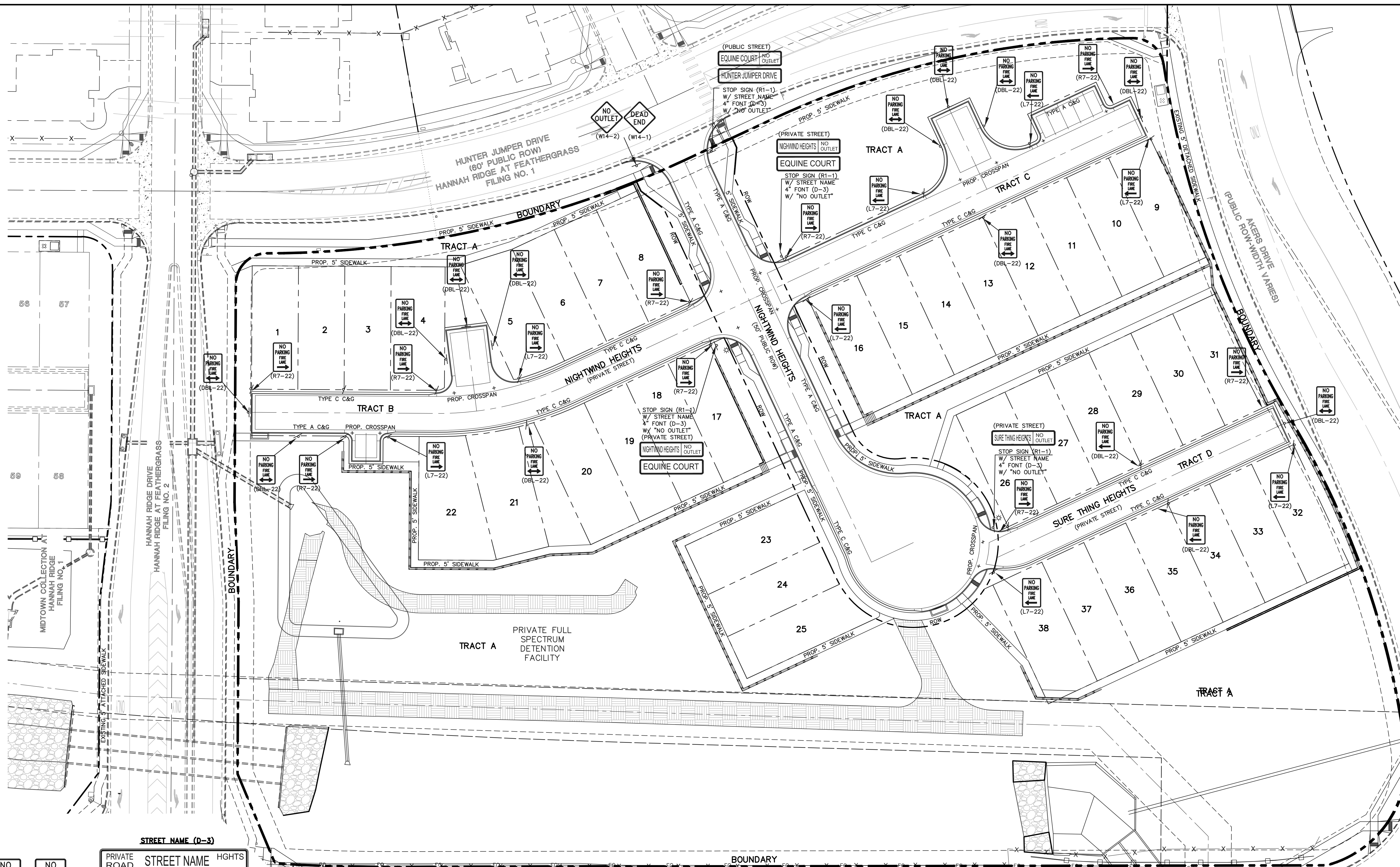
CLASSIC
CONSULTING ENGINEERS & SURVEYORS

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

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

PREAMBLE AT HANNAH RIDGE
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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 Colorado Springs, Colorado 80903
 (719) 785-0790
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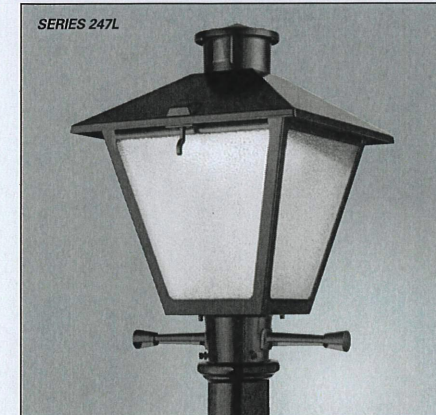
PREAMBLE AT HANNAH RIDGE
 FILING NO. 3
 STREET IMPROVEMENT SIGNAGE PLAN

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

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DLC
PRODUCT OVERVIEW

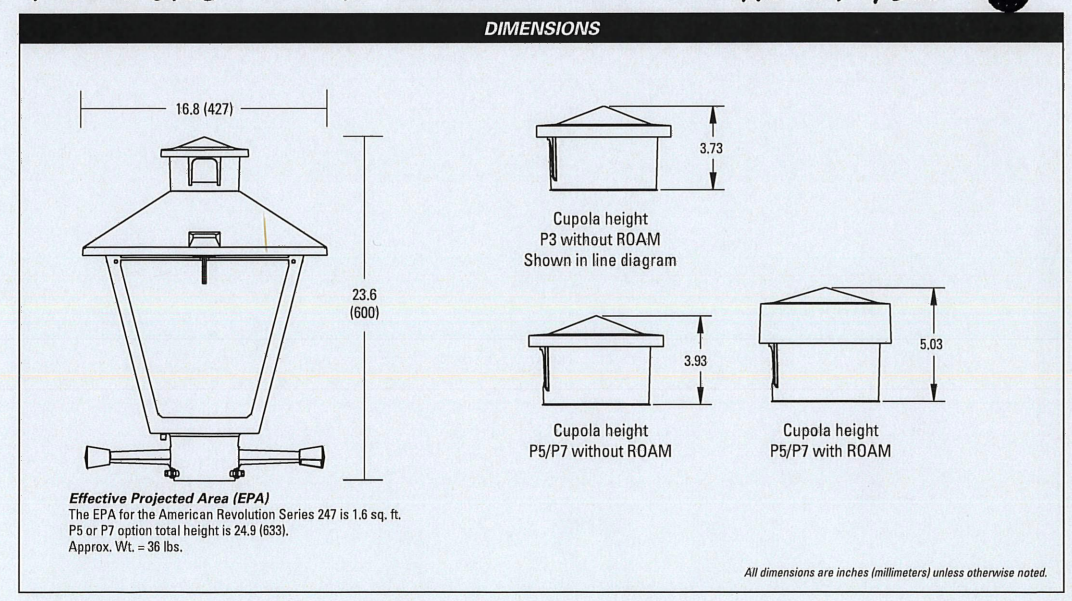


American Revolution LED Series 247L

- 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 2-3/8" 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 C0, 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/DLC to confirm which versions are qualified.

Applications:
Streetscapes
Walkways
Pathways
Parks

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



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



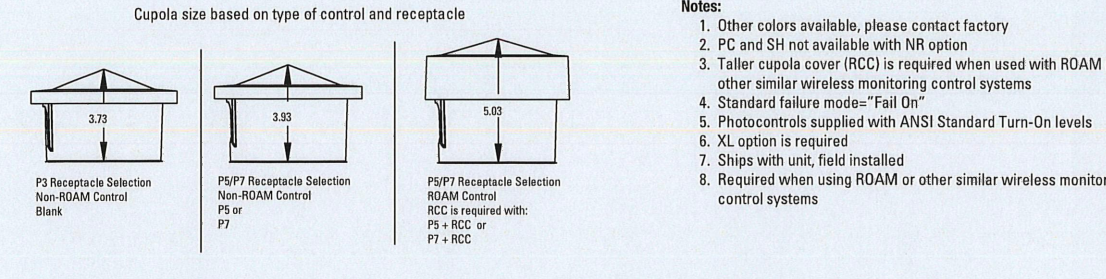
American Revolution LED Series 247L

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, 1000 mA Driver, 45 input watts 10LEDE10 10 Chips, 1000 mA Driver, 28 input watts 10LEDE10 10 Chips, 1000 mA Driver, 25 input watts 10LEDE10 10 Chips, 1000 mA Driver, 18 input watts 10LEDE10 10 Chips, 1000 mA Driver, 15 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) G1 Grey DB Dark Bronze WH White BR Bronze
	Photocell (obsk)	SS Stainless steel hardware NEMA Lens NL Not CSA Listed TL Lead Acid Battery LDN Lead Acid SH Shorting Cap SHK Not CSA Listed Shorting Cap HSR House Side Shield Black HSW House Side Shield White CR Enhanced Corrosion Resistant Finish RCS2 ROAM Dimming Node Capless Cover
	M81 No Photocell Receptacle P51 2-pin NEMA Photocell Receptacle (dimming driver included) P71 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 RNG27 ROAM Dimming Node Capless Cover



Warranty: Five-year limited warranty. Complete warranty terms located at www.aelighting.com.
All colors are available, please contact factory.
PC and SH not available with SH option.
1. Table top cover (RCS2) is required when used with ROAM or other similar wireless monitoring control systems.
2. Standard fixture model "Full DC".
3. Photocells supplied with ANSI Standard Turn-On levels.
4. XL option is required.
5. Ships with unit, field installed.
6. Required when using ROAM or other similar wireless monitoring control systems.

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

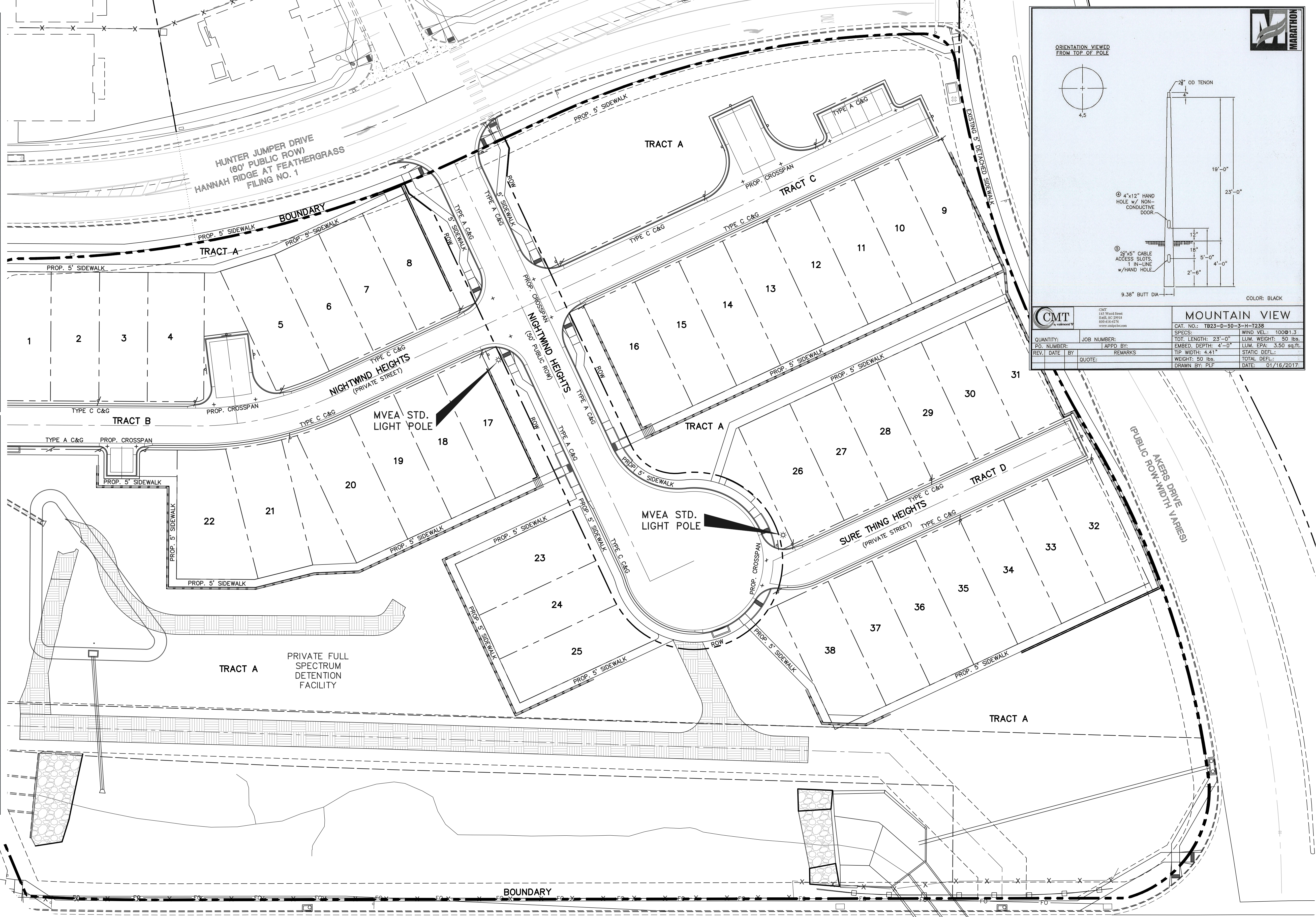
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KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE



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



MOUNTAIN VIEW
CAT. NO.: T823-D-50-3-H-1238
SPEC: WIND VEL.: 100@1.3
TOT. LENGTH: 23'-0" LUM. WEIGHT: 50 lbs.
EMBED. DEPTH: 4'-0" LUM. EPA: 3.50 sq.ft.
TRF. WIDTH: 4'-11" STATIC DEF.:
WEIGHT: 50 lbs. TOTAL DEF.:
DRAWN BY: PLF DATE: 01/16/2017

QUANTITY: JOB NUMBER:
PO. NUMBER: APPD BY:
REV. DATE BY REMARKS
QUOTE: DATE:

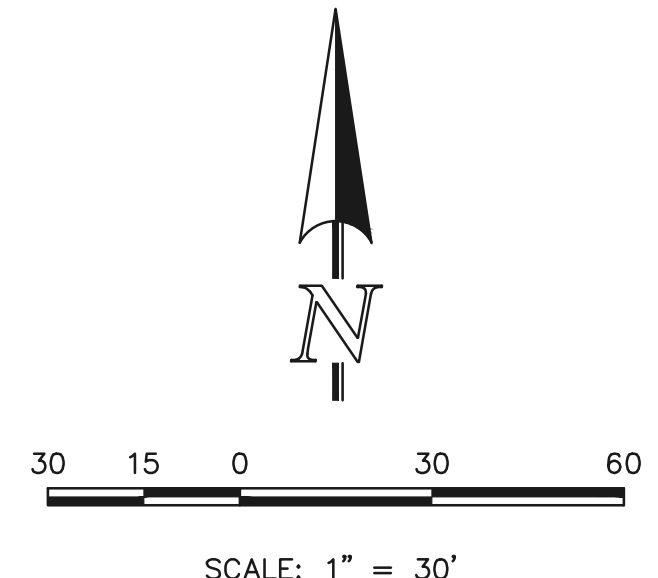
4.5
19'-0"
23'-0"
4'-0"
2'-6"
5'-0"
9.38" BUTT DIA
COLOR: BLACK

ORIENTATION VIEWED FROM TOP OF POLE

4"x12" HAND HOLE w/ NON-CONDUCTIVE DOOR
2"x4" CABLE ACCESS SLOTS, 1 IN-LINE w/HAND HOLE

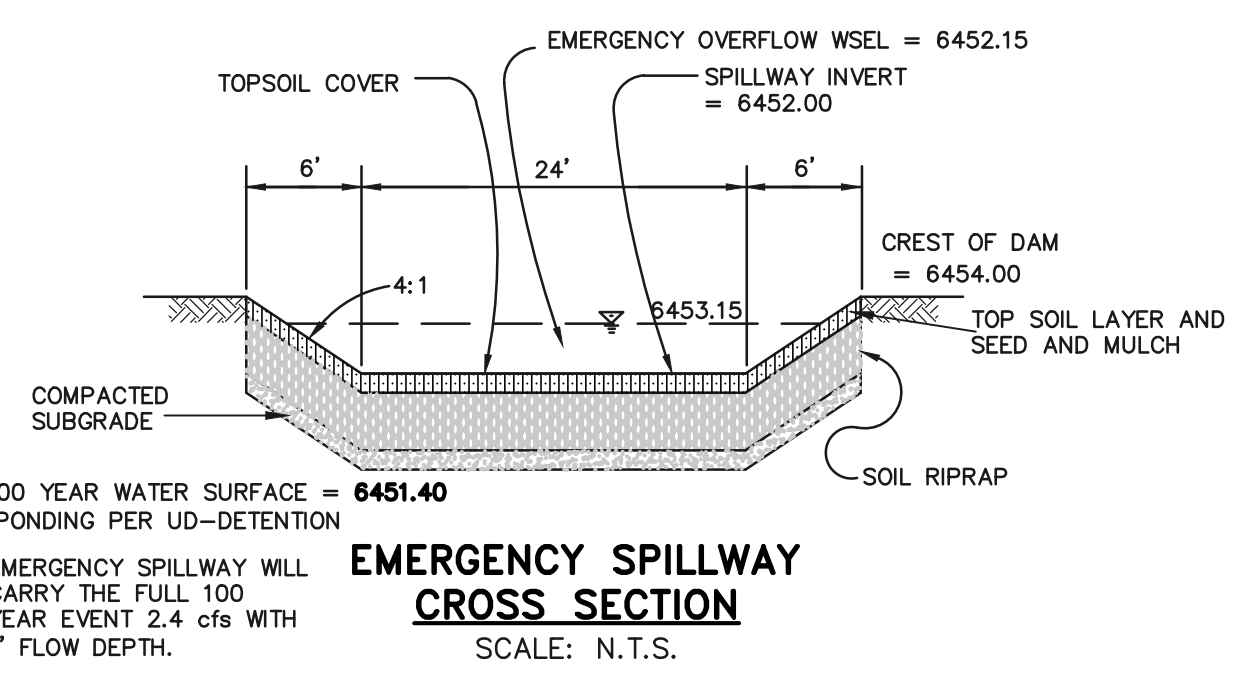
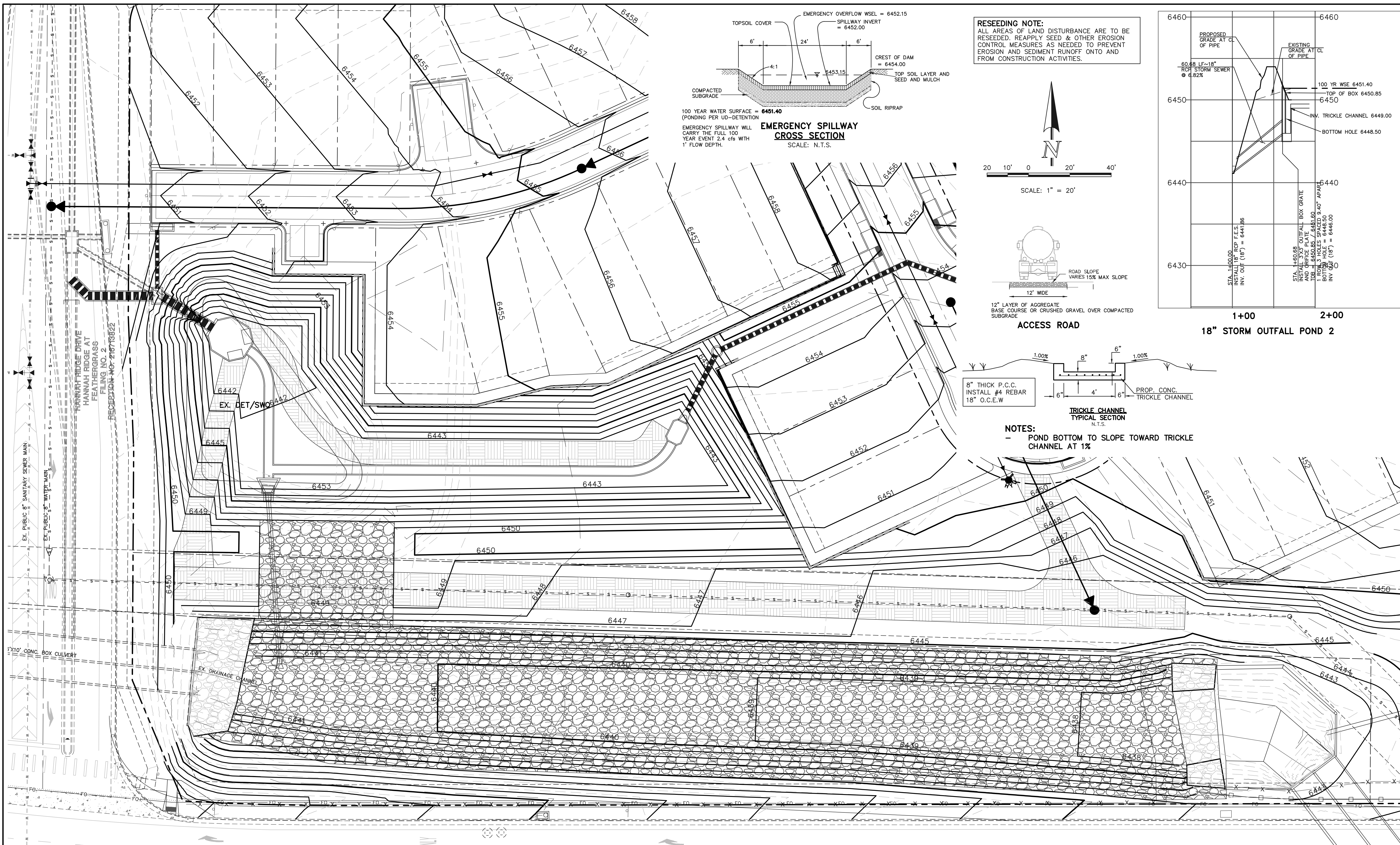
2" O.D. TENON

CMT
145 Wood Street
Burlingame, CA 94010
www.classiceng.com

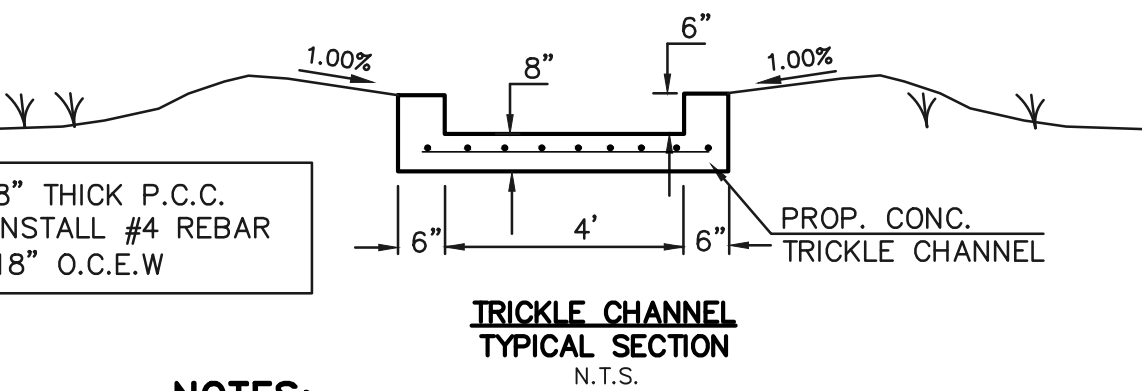
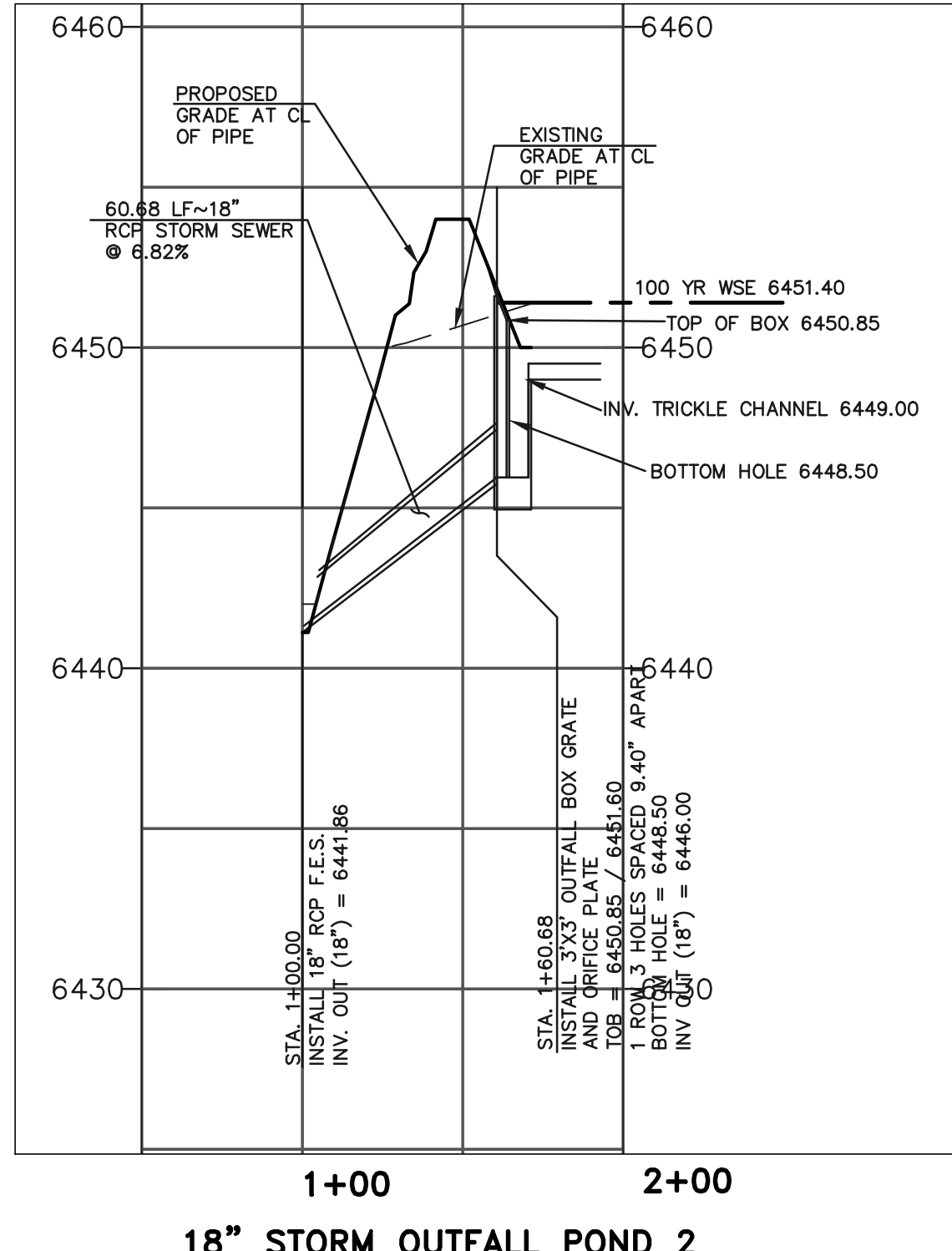
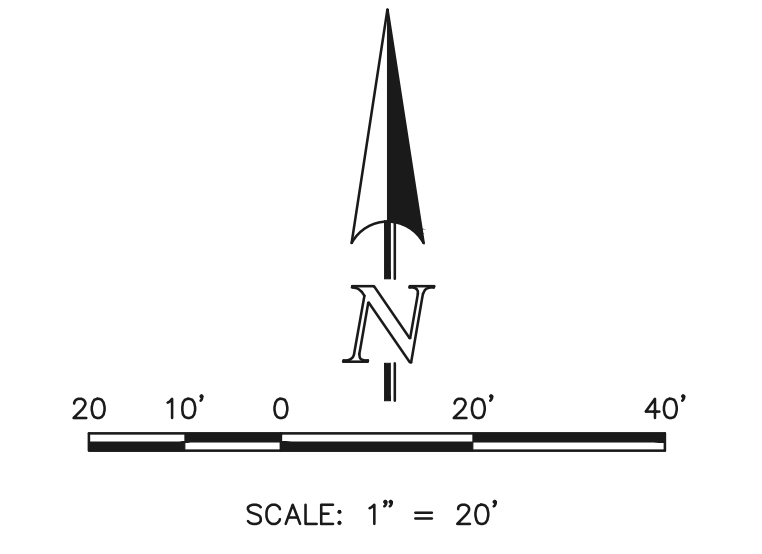


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RESEEDING NOTE:
ALL AREAS OF LAND DISTURBANCE ARE TO BE RESEED. REAPPLY SEED & OTHER EROSION CONTROL MEASURES AS NEEDED TO PREVENT EROSION AND SEDIMENT RUNOFF ONTO AND FROM CONSTRUCTION ACTIVITIES.



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

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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CONSULTING ENGINEERS & SURVEYORS

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(719) 785-0799 (Fax)

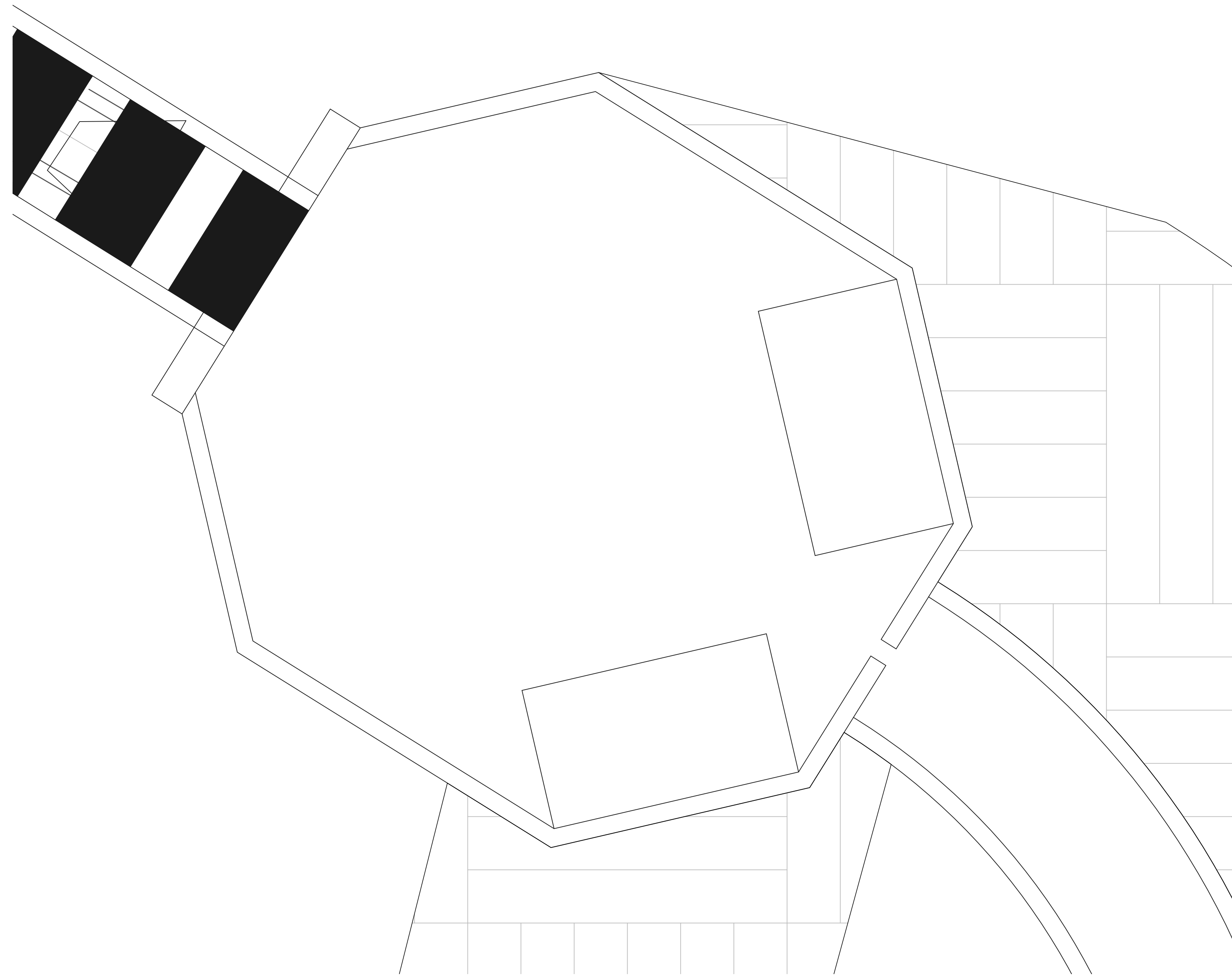
PREAMBLE AT HANNAH RIDGE FILING NO. 3

PUBLIC EXTENDED DETENTION BASIN GRADING AND OUTLET PROFILE POND 1

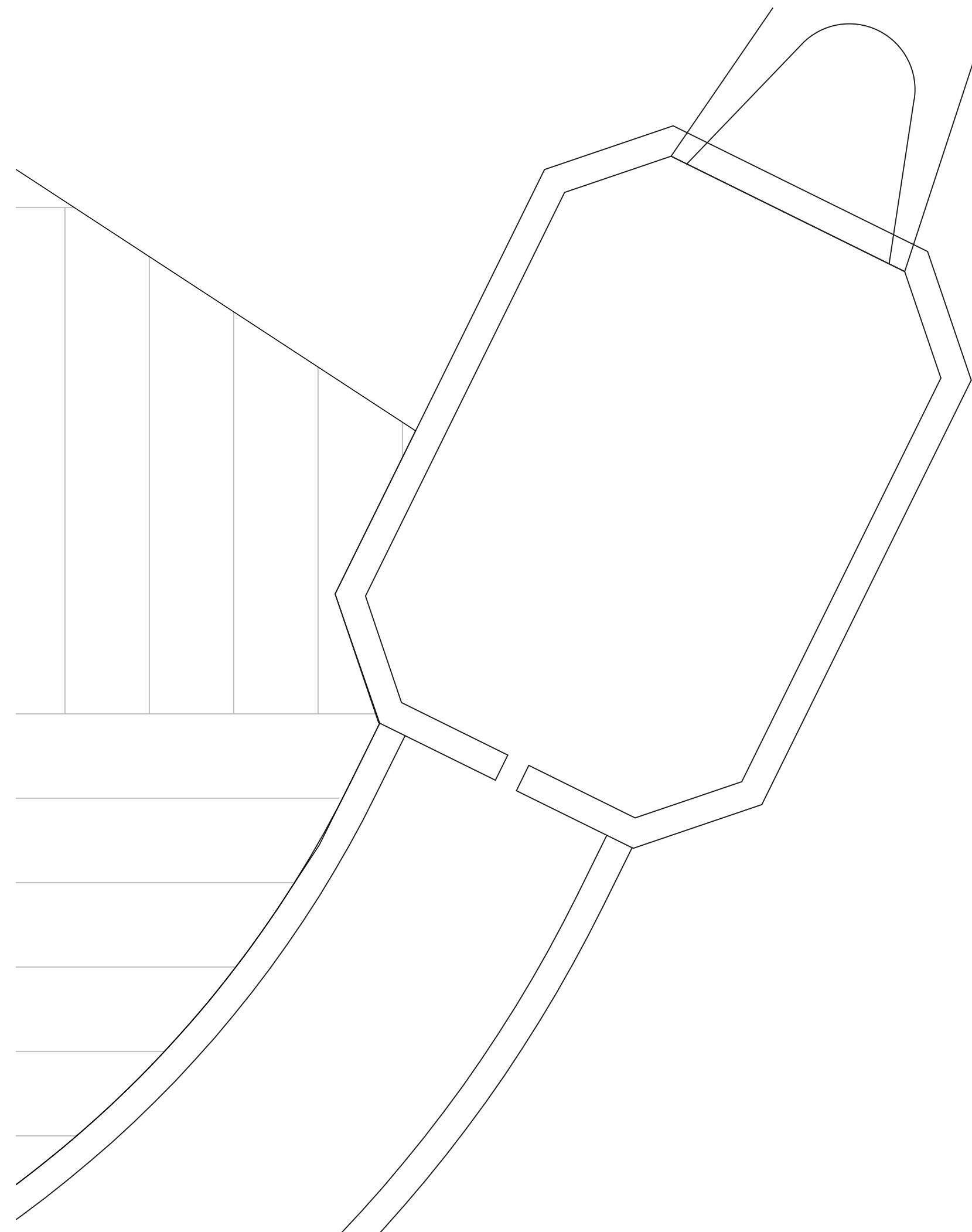
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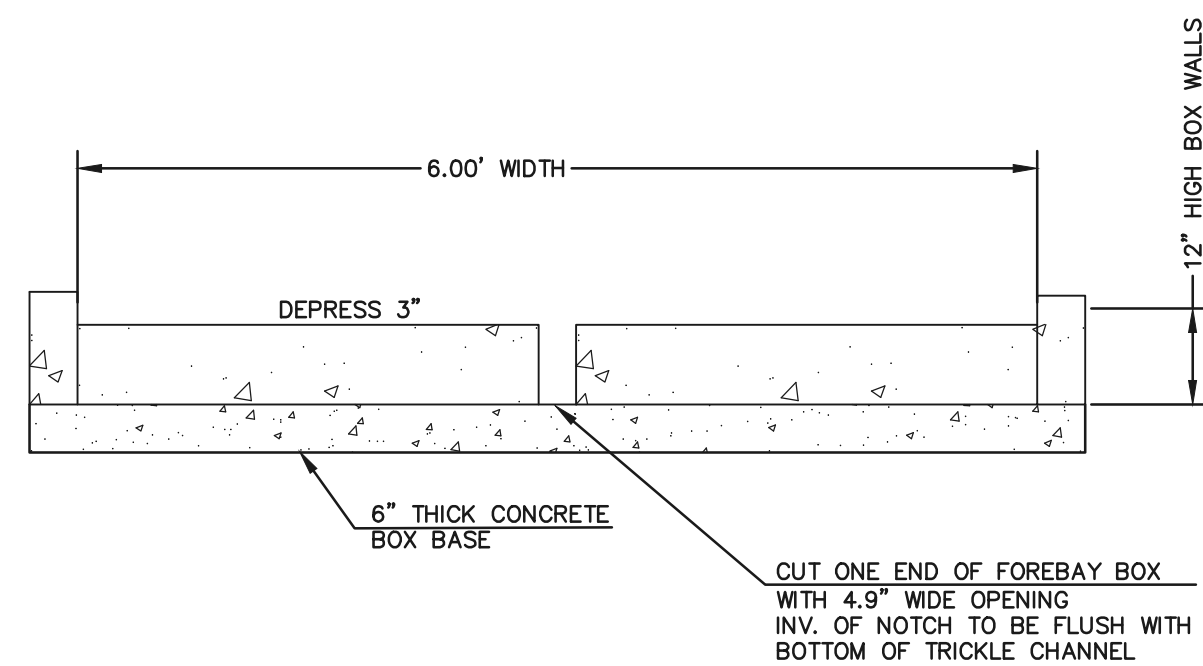
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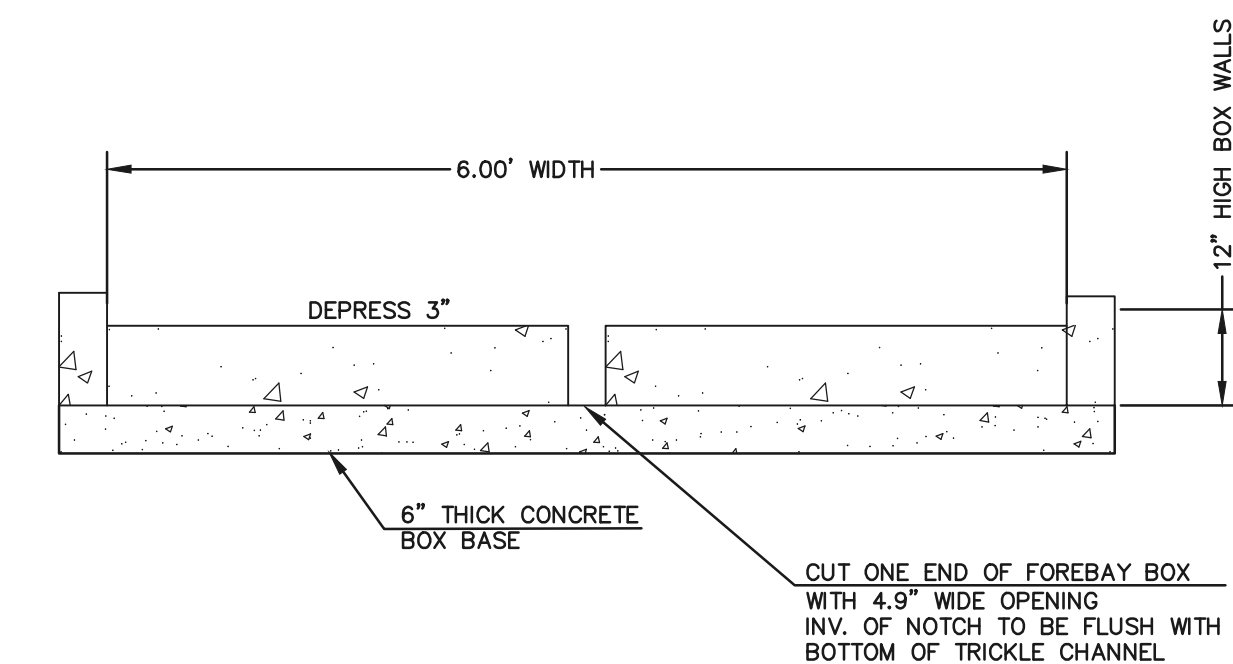
CONCRETE FOREBAY 'A'
SCALE: 1" = 2'



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



CONCRETE FOREBAY "A" NOTCH
N.T.S



CONCRETE FOREBAY "B" NOTCH
N.T.S

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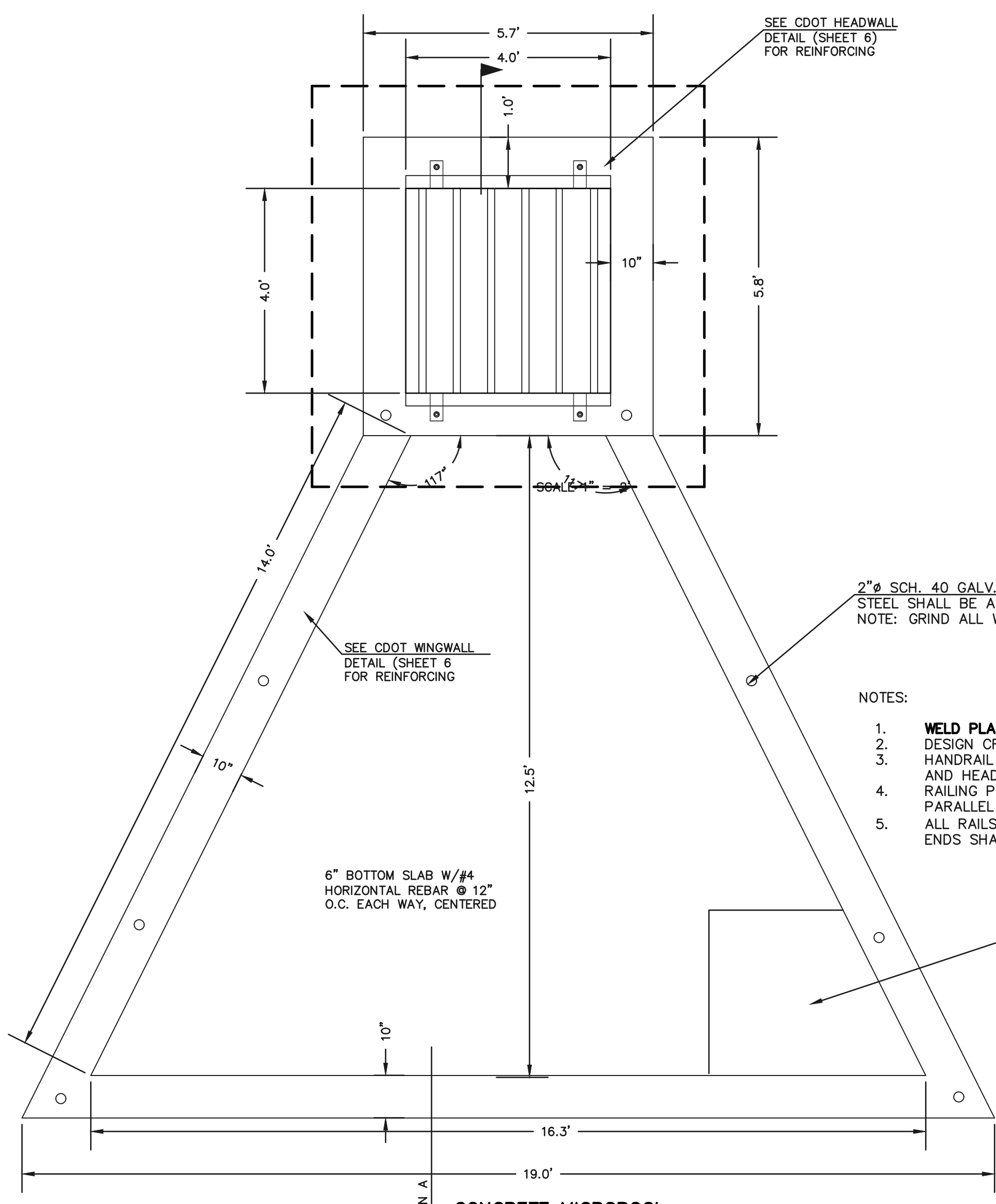
(719) 785-0790
(719) 785-0799 (Fax)

<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



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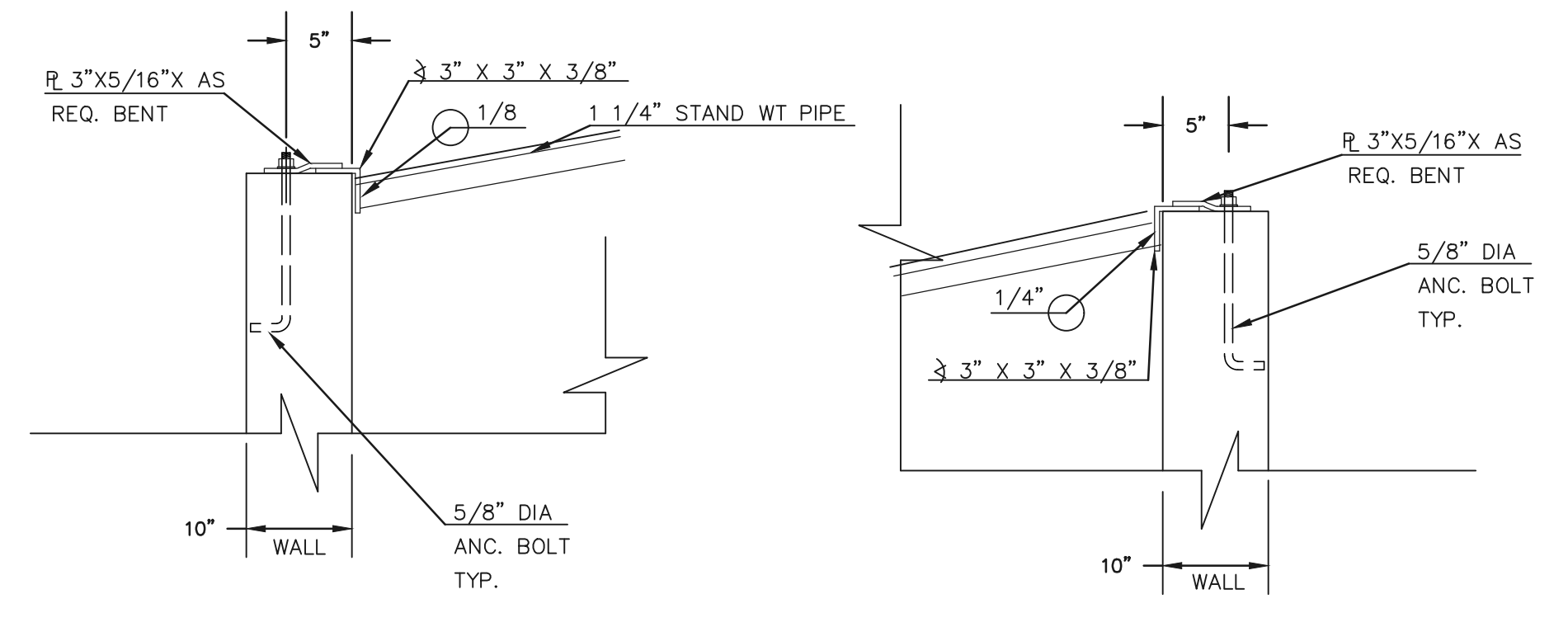
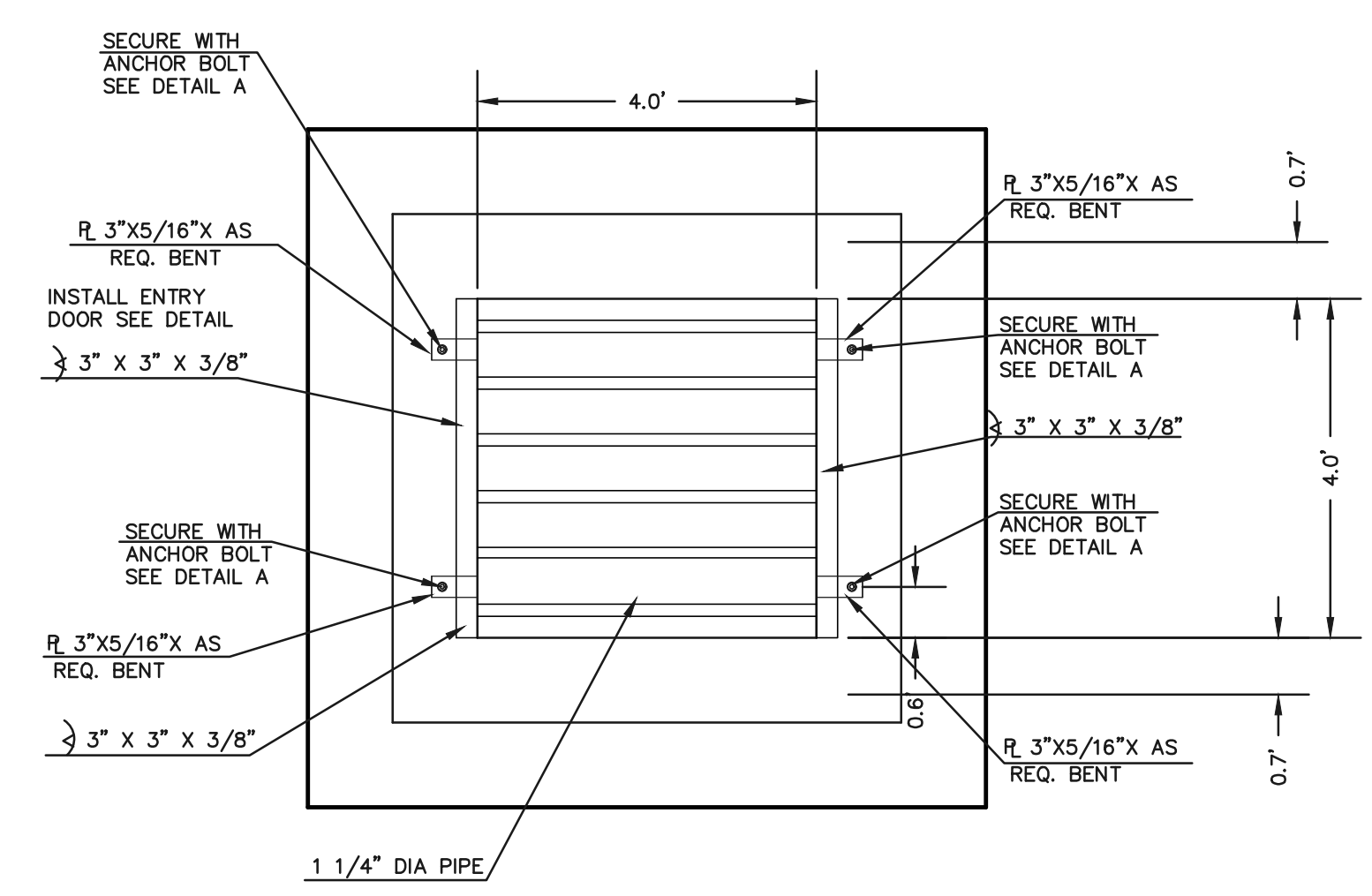


2" SCH. 40 GALV. POSTS AND RAILS
STEEL SHALL BE ASTM A53 GR. B
NOTE: GRIND ALL WELDS SMOOTH

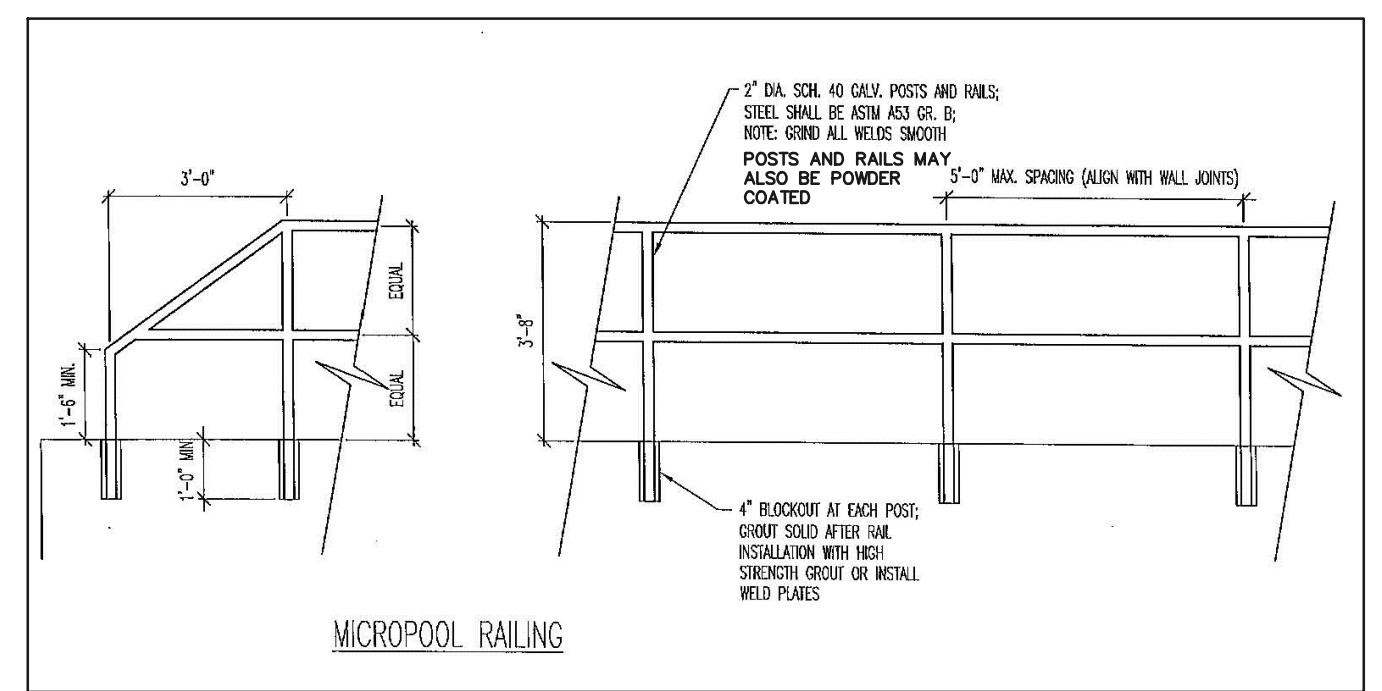
NOTES:

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.

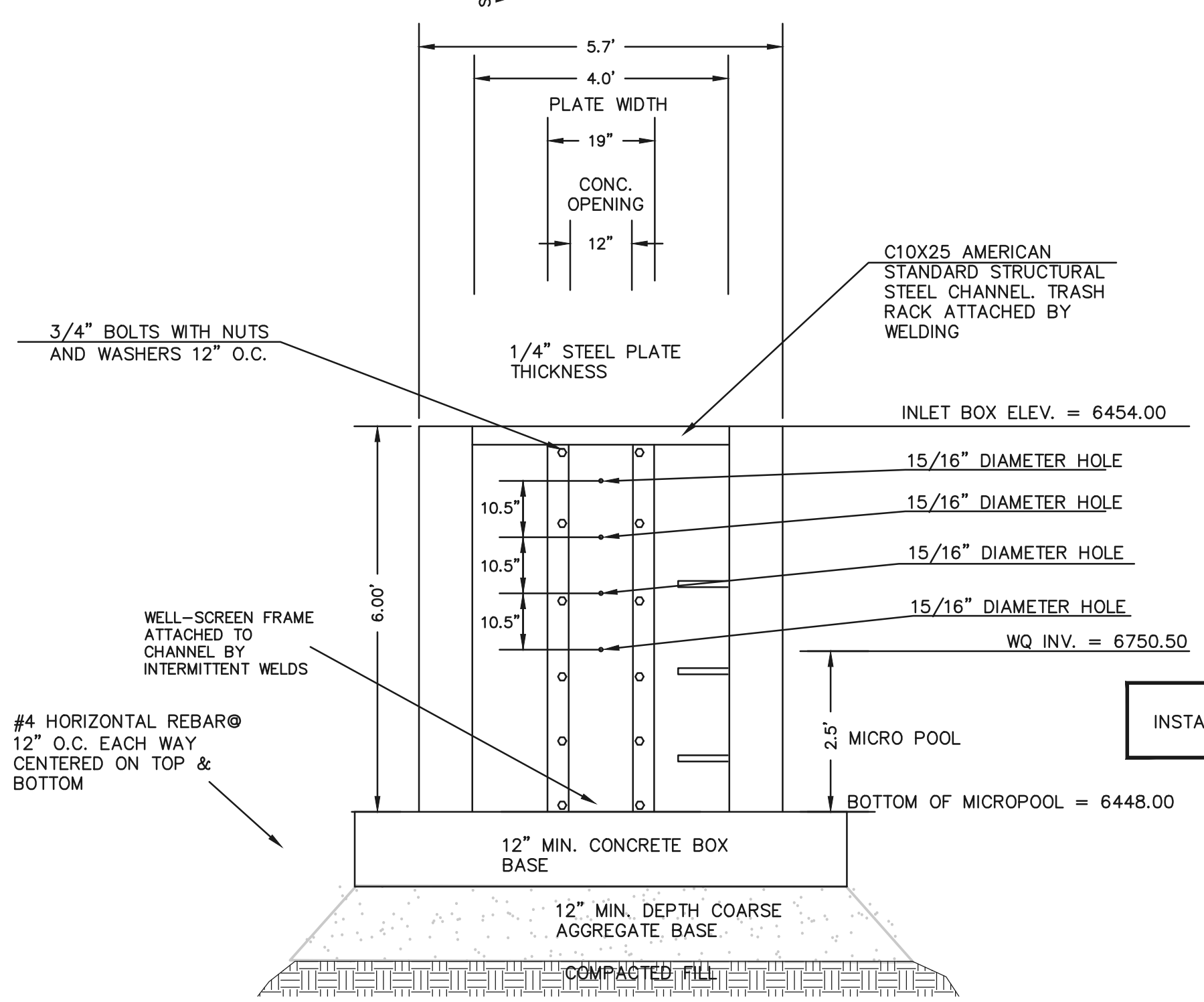
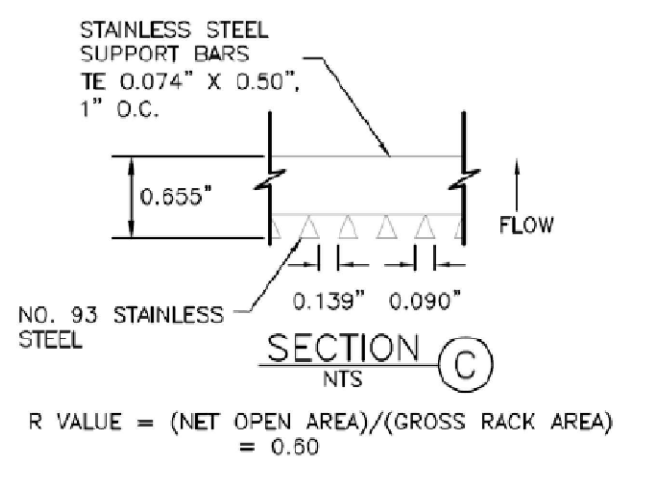
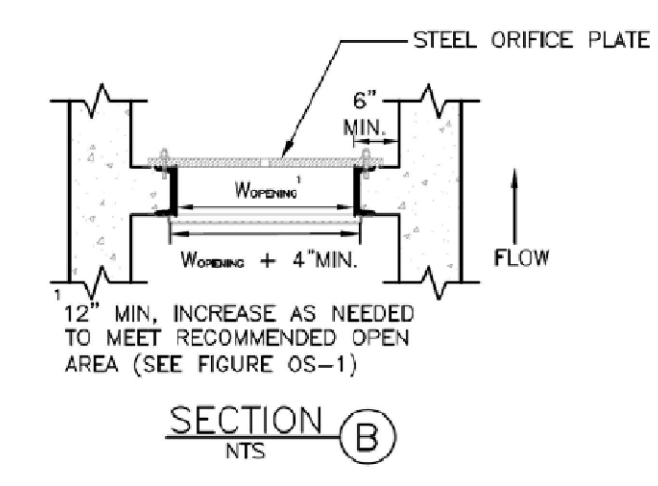
4'X4' OUTLET BOX OVERFLOW TRASH RACK



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'

(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

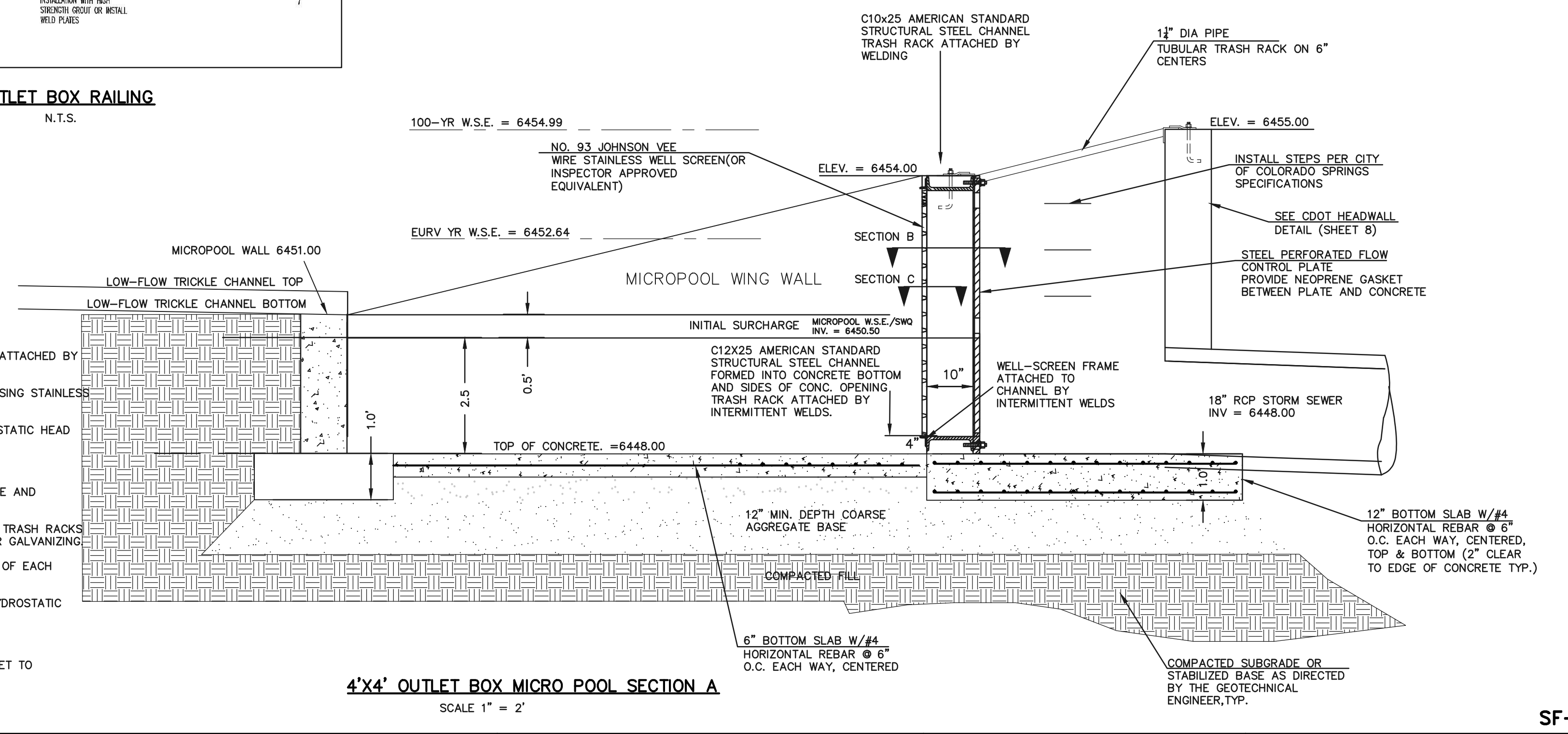
EURV AND WQCV TRASH RACKS:

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'

48 HOURS BEFORE YOU DIG,
CALL UTILITY LOCATORS
811
UTILITY NOTIFICATION CENTER OF COLORADO
IT'S THE LAW

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.

NO.	REVISION	DATE	REVIEW:

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

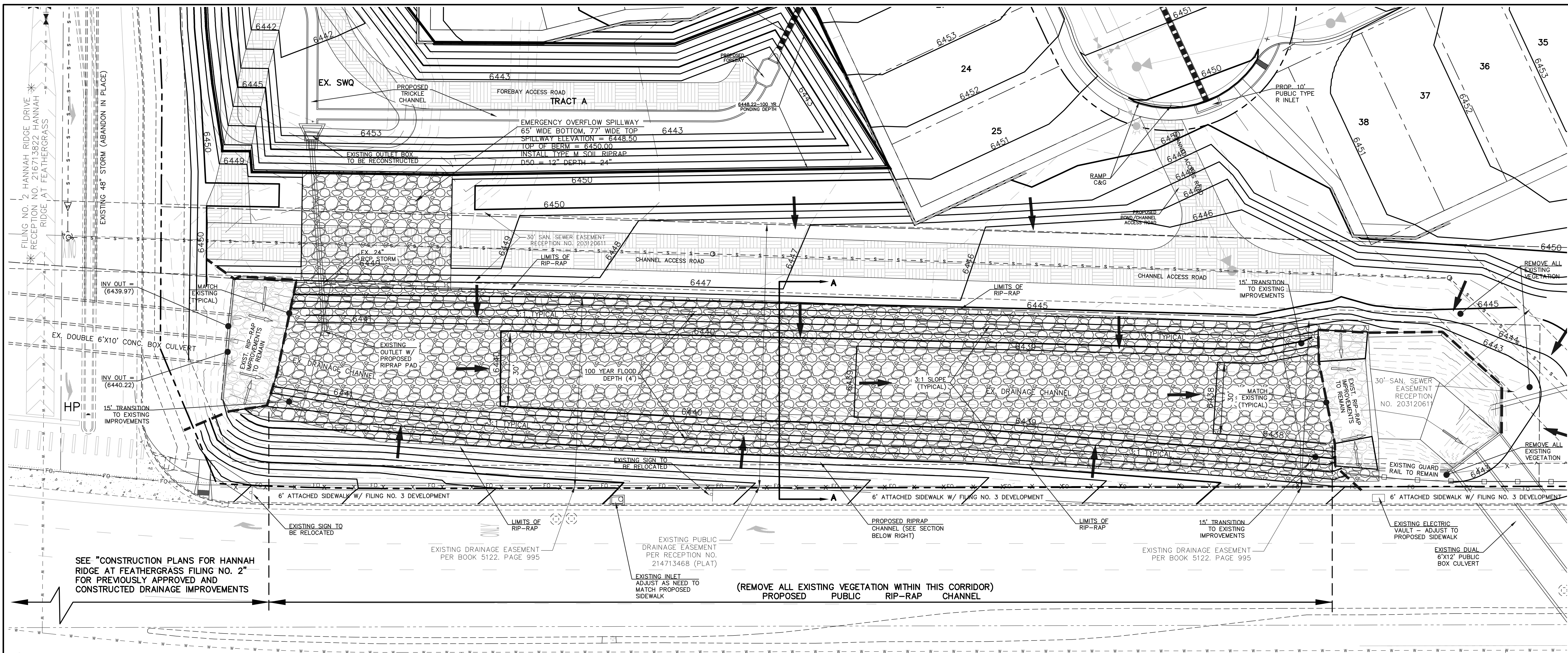


PREAMBLE AT HANNAH RIDGE
FILING NO. 3
PUBLIC EXTENDED DETENTION BASIN
OUTLET BOX DETAILS POND 1

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

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

6" ATTACHED SIDEWALK W/ FILING NO. 3 DEVELOPMENT

EXISTING SIGN TO BE RELOCATED

EXISTING DRAINAGE EASEMENT PER BOOK 5122, PAGE 995

EXISTING PUBLIC DRAINAGE EASEMENT PER RECEPTION NO. 214713468 (PLAT)

EXISTING INLET ADJUST AS NEED TO MATCH PROPOSED SIDEWALK

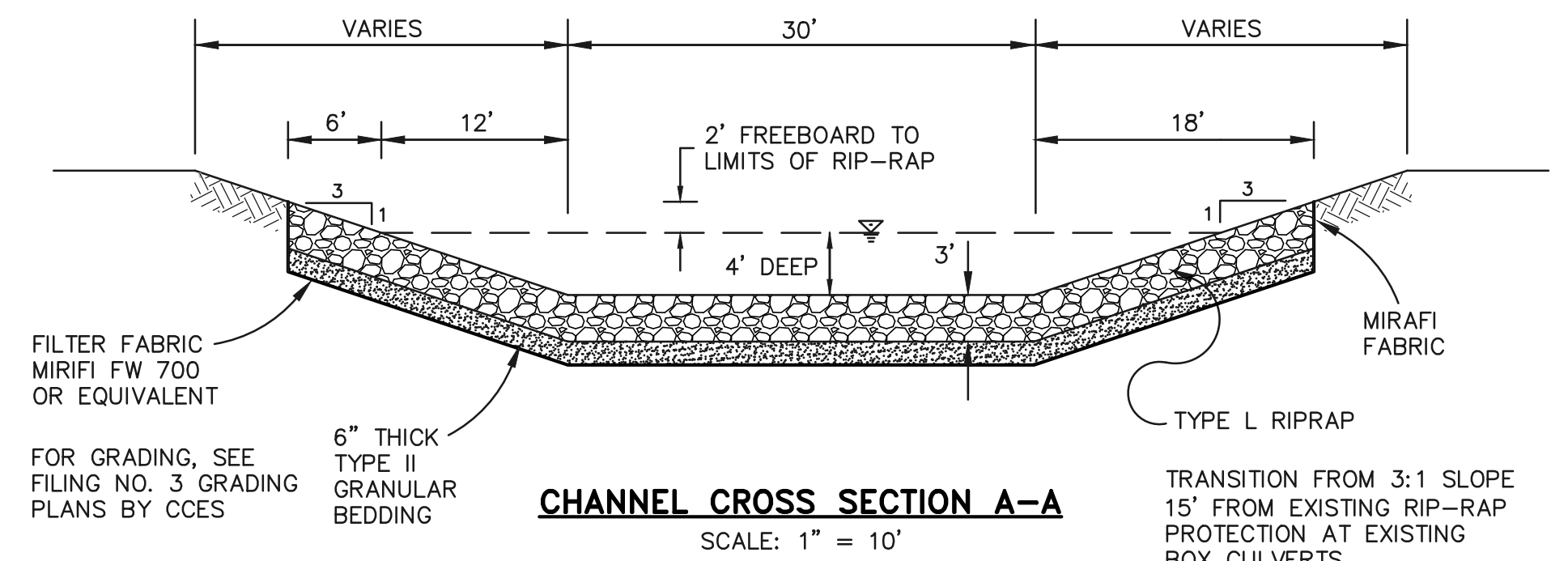
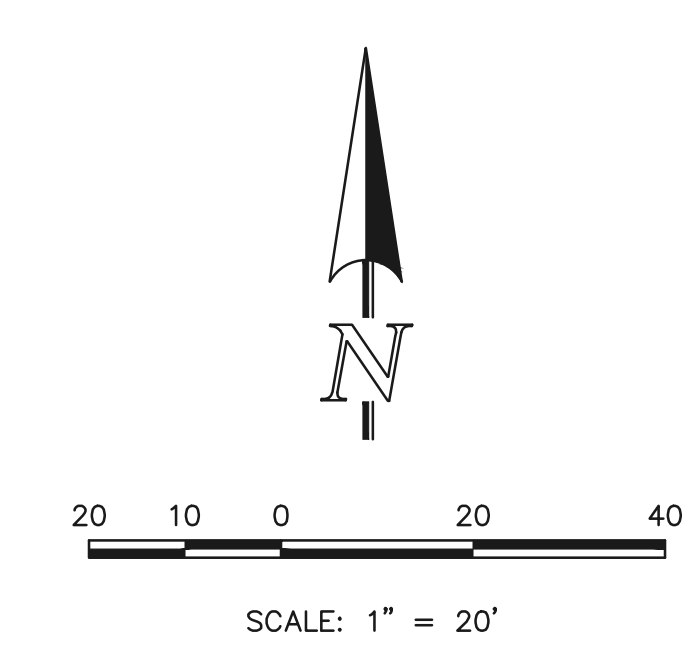
(REMOVE ALL EXISTING VEGETATION WITHIN THIS CORRIDOR)
PROPOSED PUBLIC RIP-RAP CHANNEL

EXISTING DRAINAGE EASEMENT PER BOOK 5122, PAGE 995

EXISTING ELECTRIC VAULT - ADJUST TO PROPOSED SIDEWALK

EXISTING DUAL 6"x12" PUBLIC BOX CULVERT

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



LEGEND

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

48 HOURS BEFORE YOU DIG,
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811
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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

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 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

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