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 WATER QUALITY CONTROL DIVISION
 WOOD - PERMITS
 4300 CHERRY CREEK DRIVE SOUTH
 DENVER, CO 80246-1530
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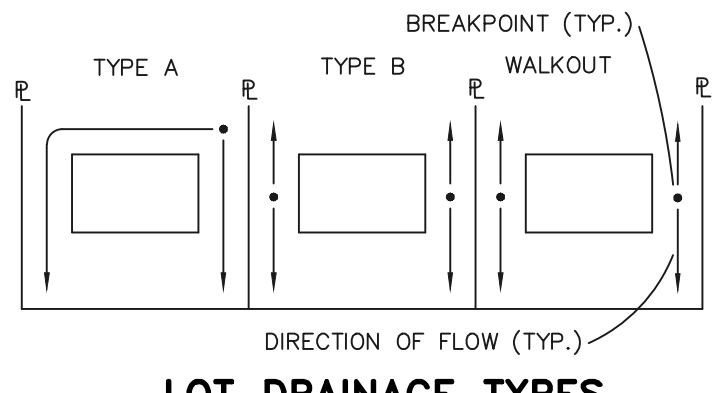
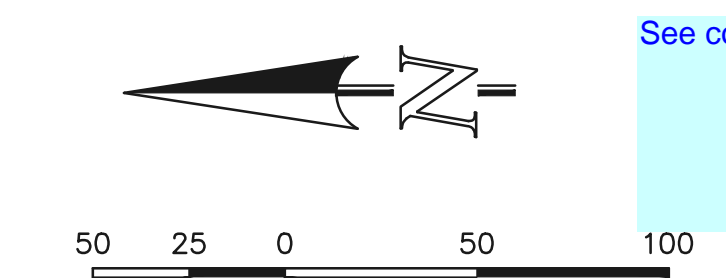
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SF-18-038, 039, 040

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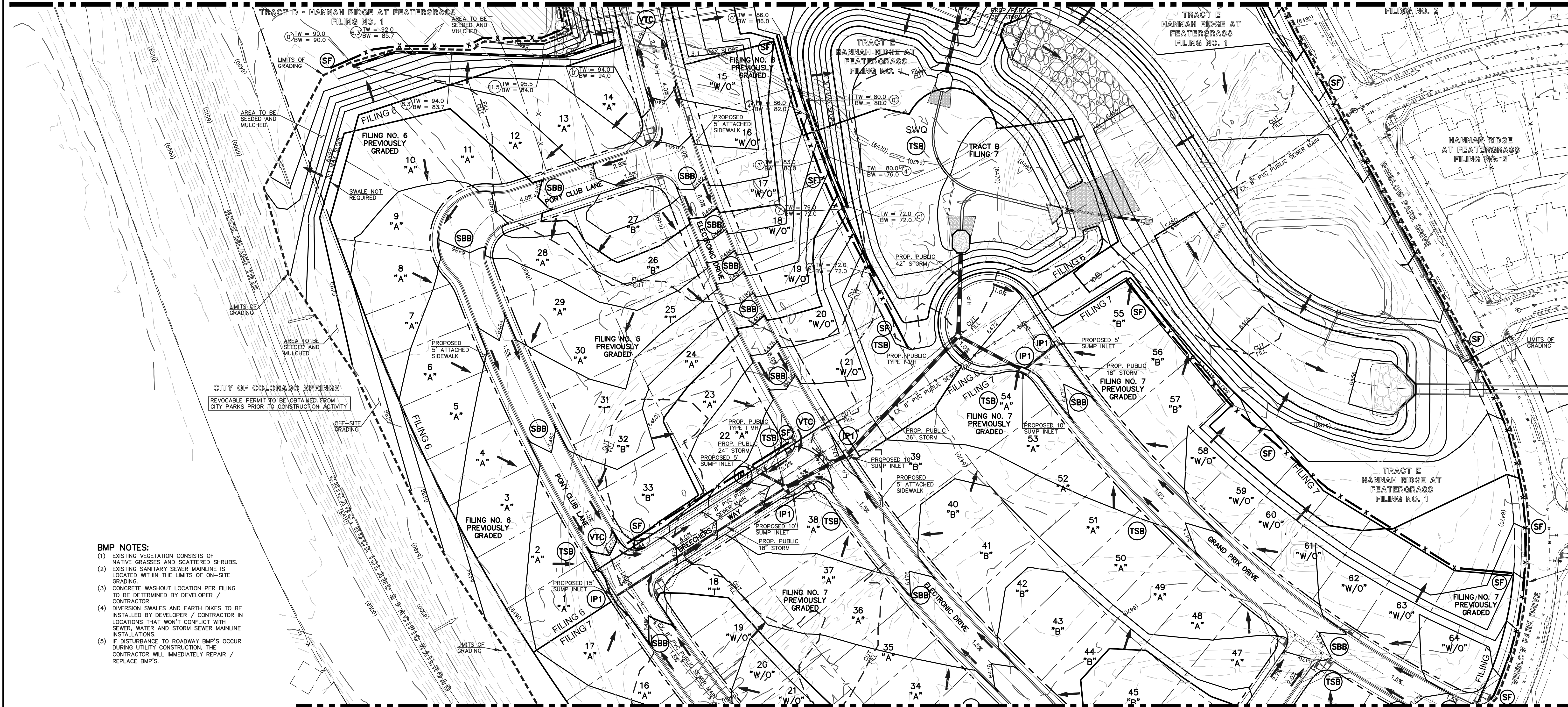
CLASSIC CONSULTING ENGINEERS & SURVEYORS

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

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

<p>HANNAH RIDGE AT FEATHERGRASS FILING NO. 5, 6 & 7 OVERLOT GRADING AND EROSION CONTROL PLAN</p>			
DESIGNED BY	KRC	SCALE	DATE
DRAWN BY	KC	(H) 1" = 50'	SHEET 2 OF 11
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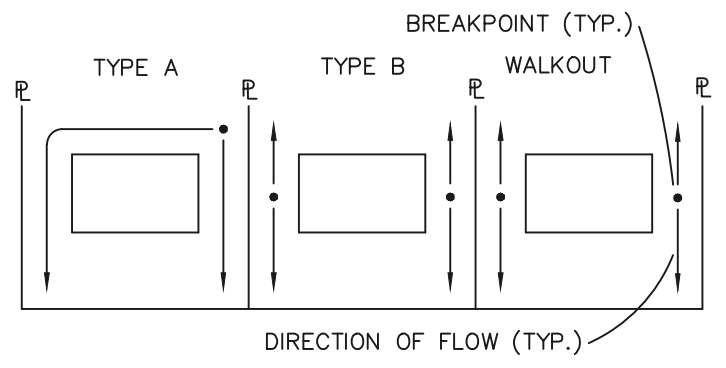
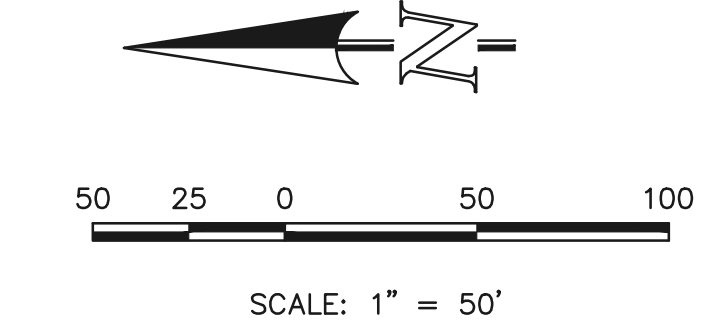
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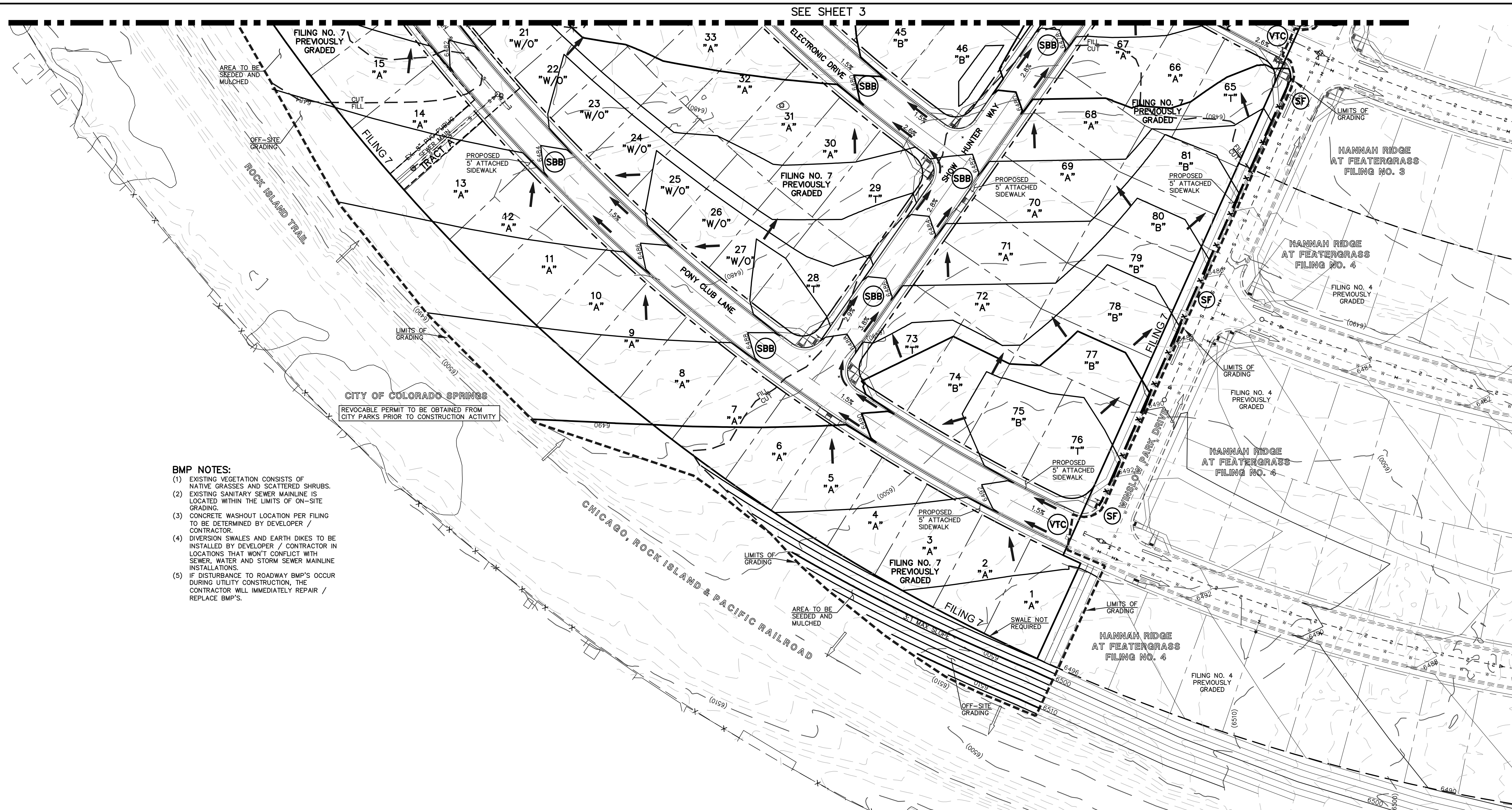
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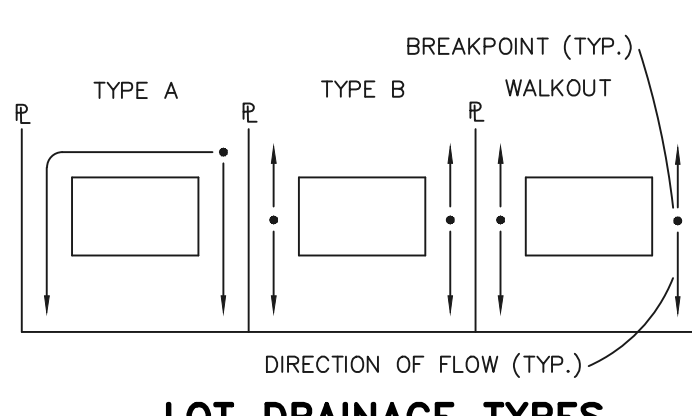
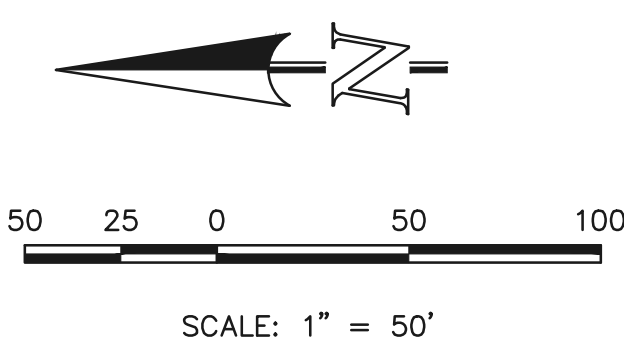


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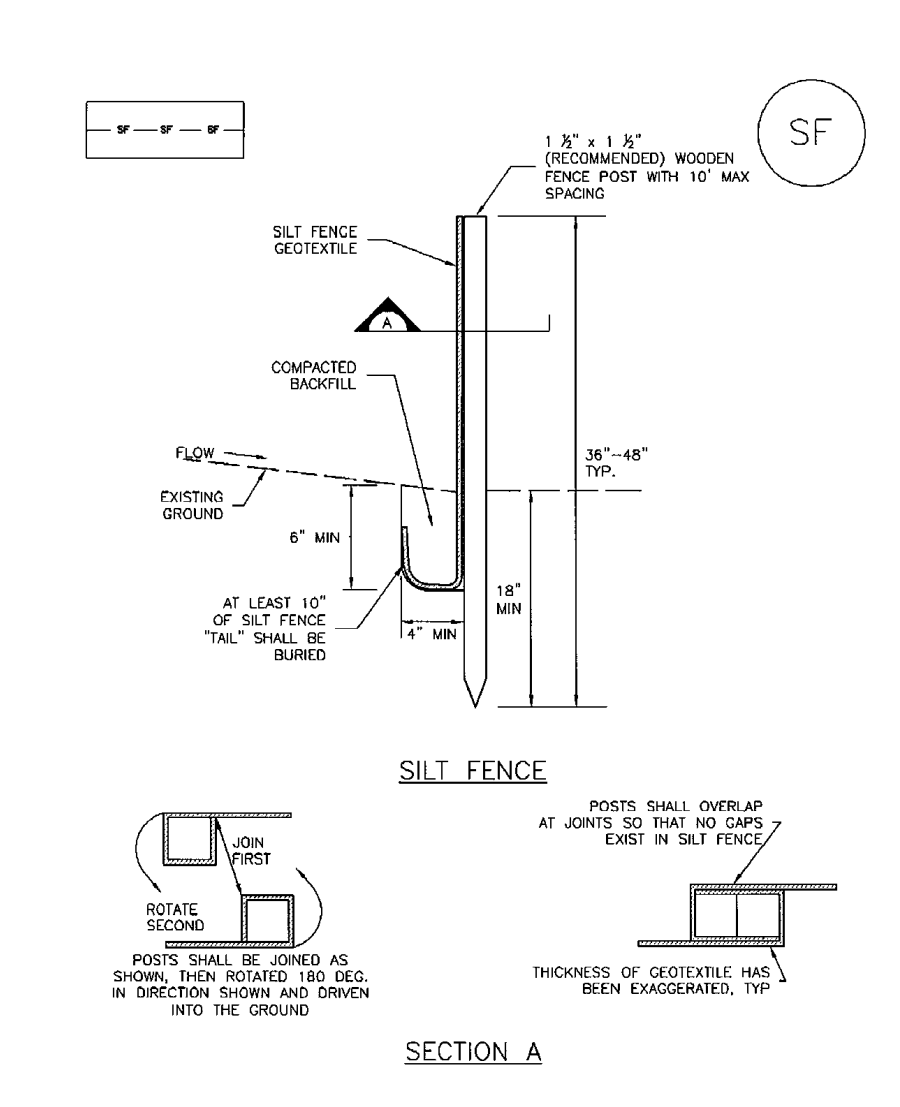
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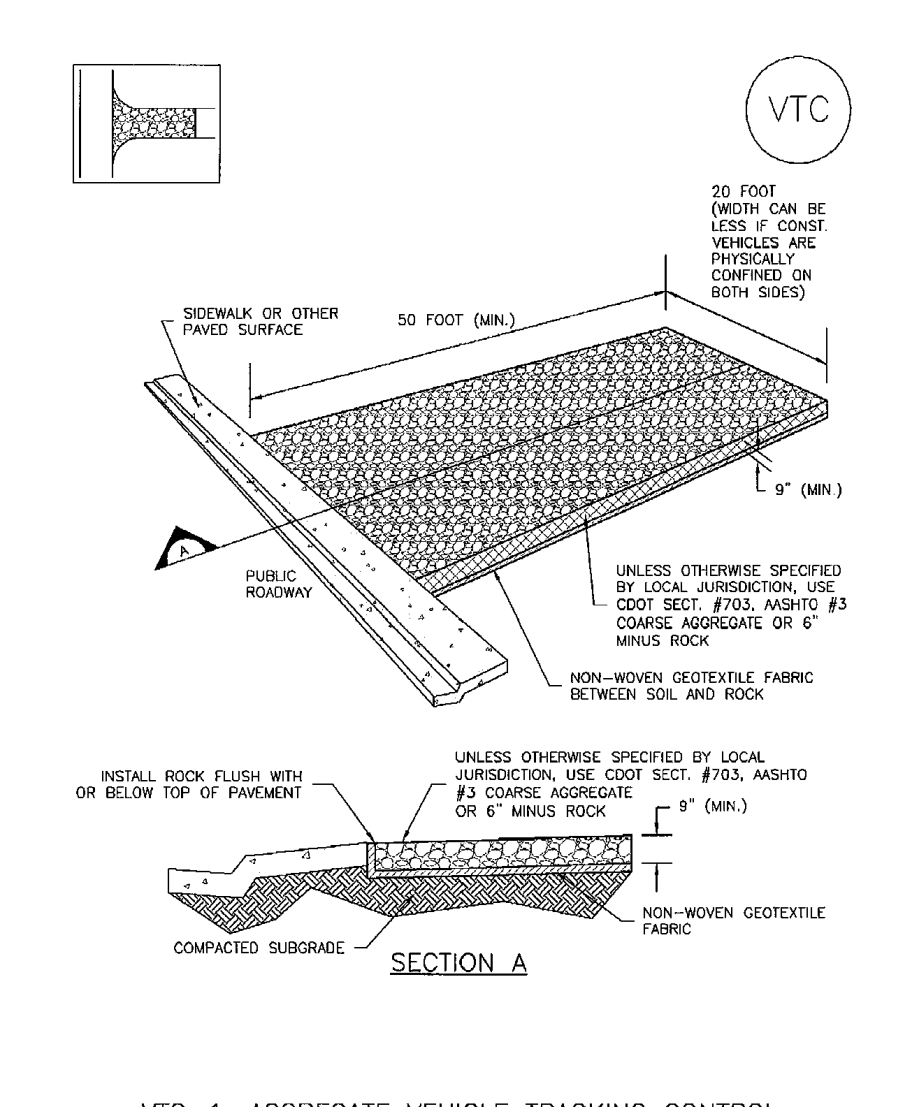


Silt Fence (SF) SC-1



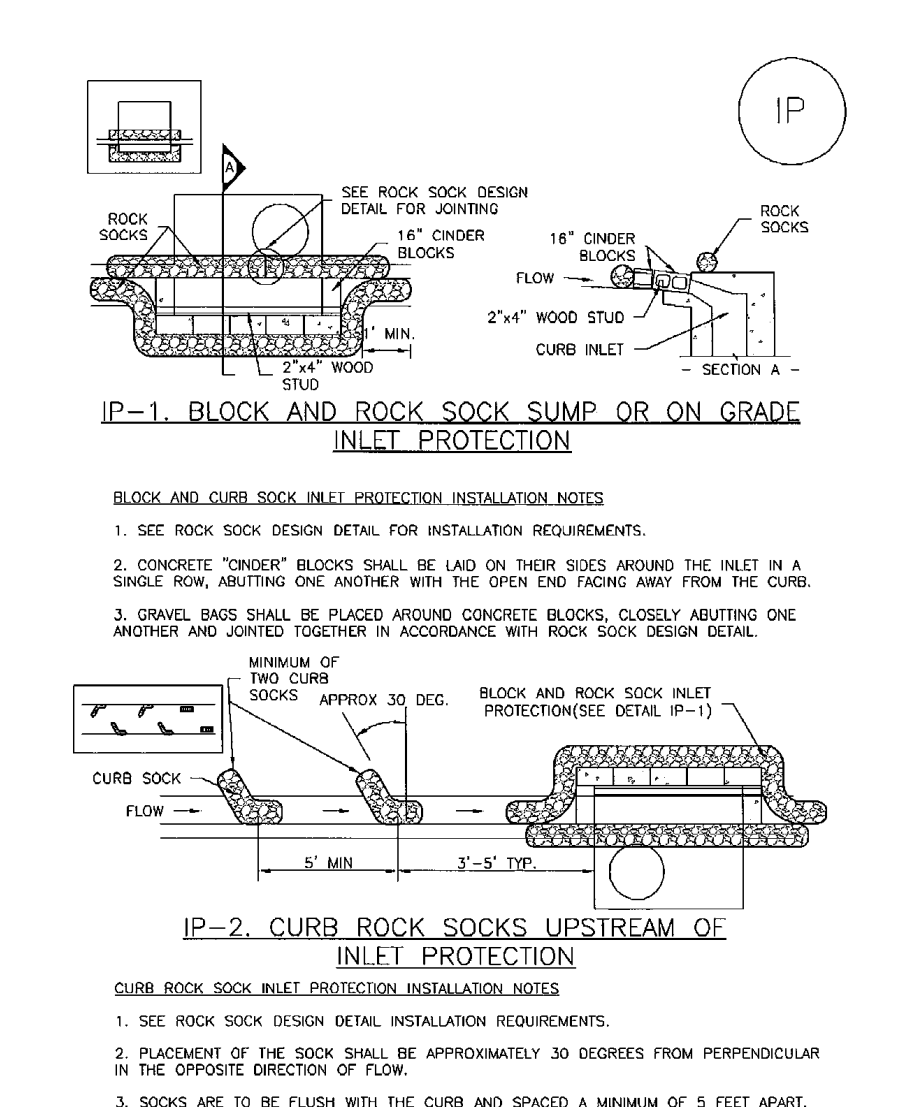
November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SF-3

Vehicle Tracking Control (VTC) SM-4

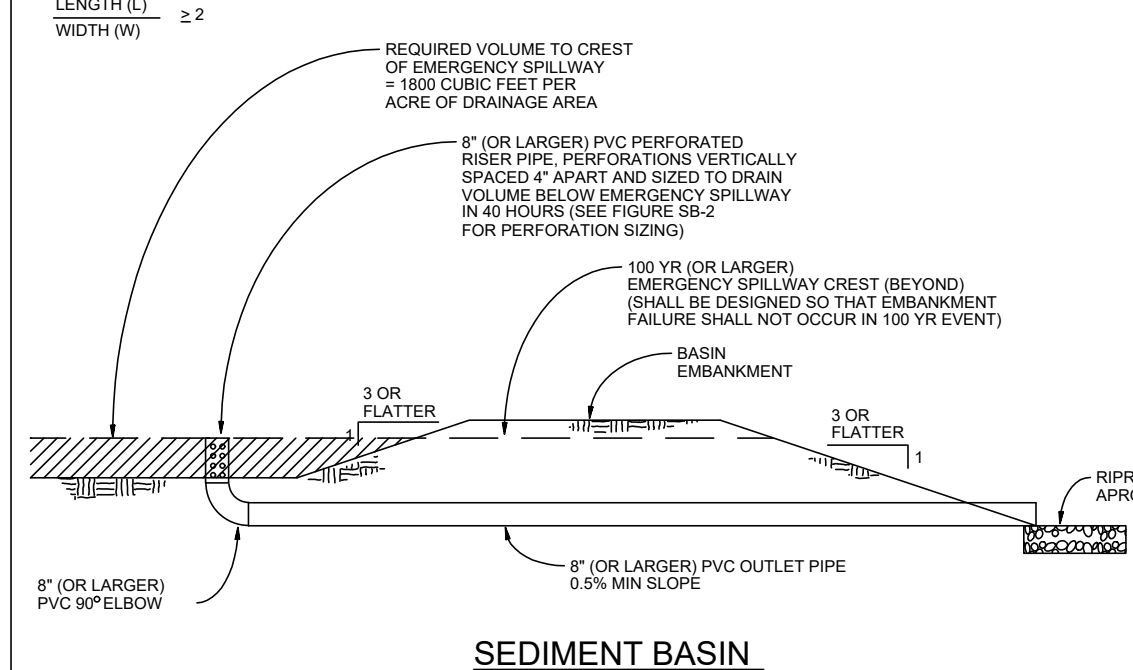


November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 VTC-3

Inlet Protection (IP) SC-6



IP-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 August 2013



INSTALLATION REQUIREMENTS MAINTENANCE REQUIREMENTS

1. SEDIMENT BASINS SHALL BE INSTALLED BEFORE ANY CLEARING AND/OR GRADING IS UNDERTAKEN. 2. THE AREA UNDER WHICH THE EMBANKMENT IS TO BE INSTALLED SHALL BE CLEARED, GROBBERED, AND STRIPPED OF ALL VEGETATION AND ROOT MAT MAT.

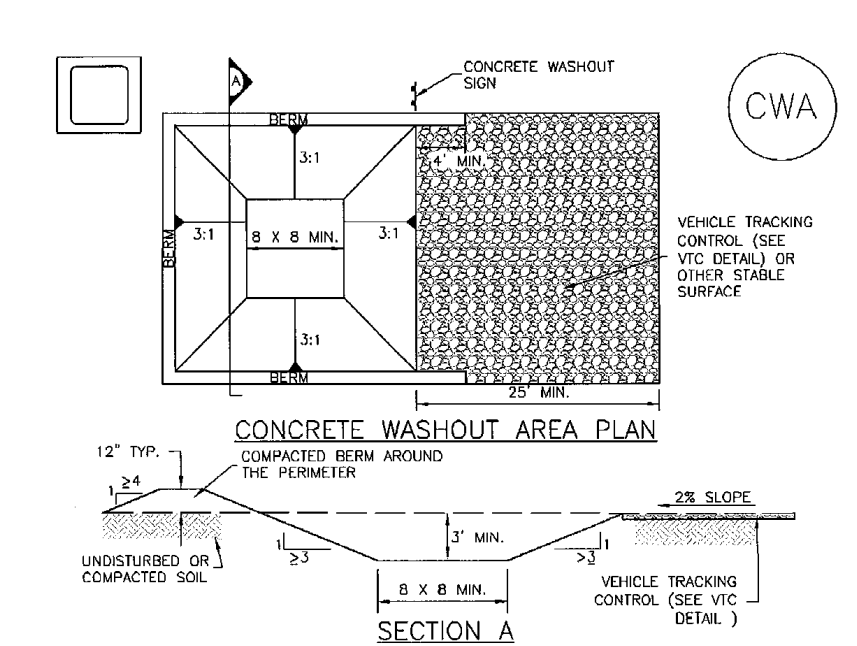
Table SB-1: Required Area per Row (ft²) vs Depth of Outlet (ft). Columns represent depth from 1.0 to 4.5 ft. Rows represent required area from 0.4 to 15.04 ft².

Table SB-2: Circular Perforation Sizing. Columns represent hole diameter from 1/4 to 3/8 inch. Rows represent area per row from 0.1 to 11.76 ft².

TABLE SB-1 TABLE SB-2

City of Colorado Springs Stormwater Quality Figure SB-2 Outlet Sizing Application Techniques and Maintenance Requirements

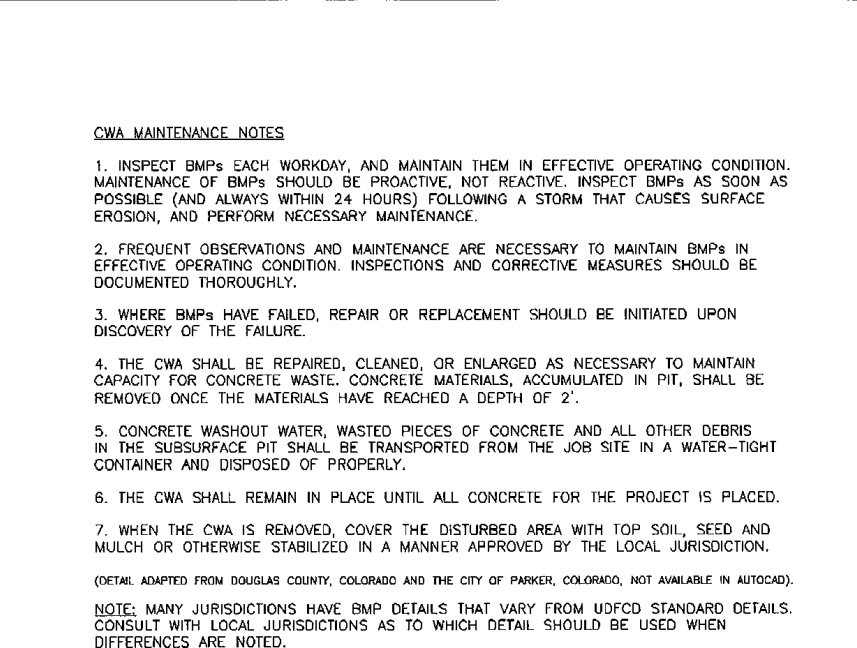
Concrete Washout Area (CWA) MM-1



CWA-1. CONCRETE WASHOUT AREA CWA INSTALLATION NOTES 1. SEE PLAN VIEW FOR CWA INSTALLATION LOCATION. 2. DO NOT LOCATE AN UNLINED CWA WITHIN 400' OF ANY NATURAL DRAINAGE PATHWAY OR WATERBODIES.

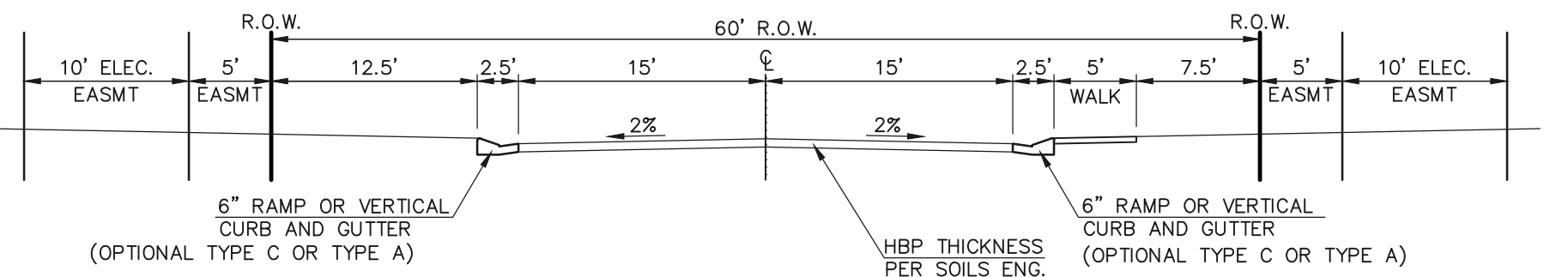
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Concrete Washout Area (CWA) MM-1

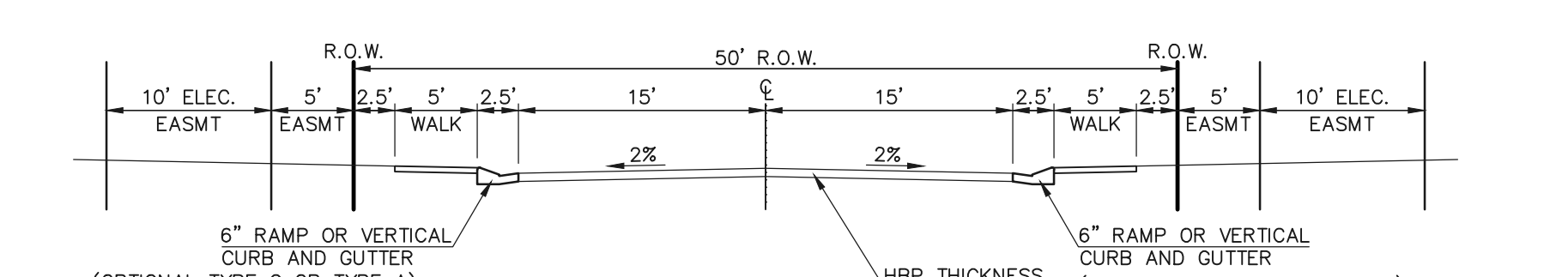


CWA MAINTENANCE NOTES 1. INSPECT BMPs DAILY. REMOVE AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. REPAIR BMPs AS SOON AS POSSIBLE AND ALWAYS WITHIN 24 HOURS FOLLOWING A STORM THAT CAUSES SURFACE EROSION.

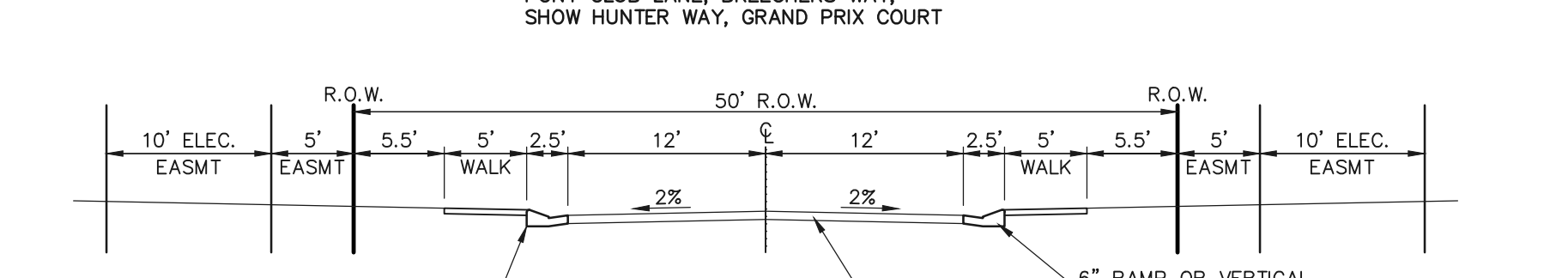
November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3



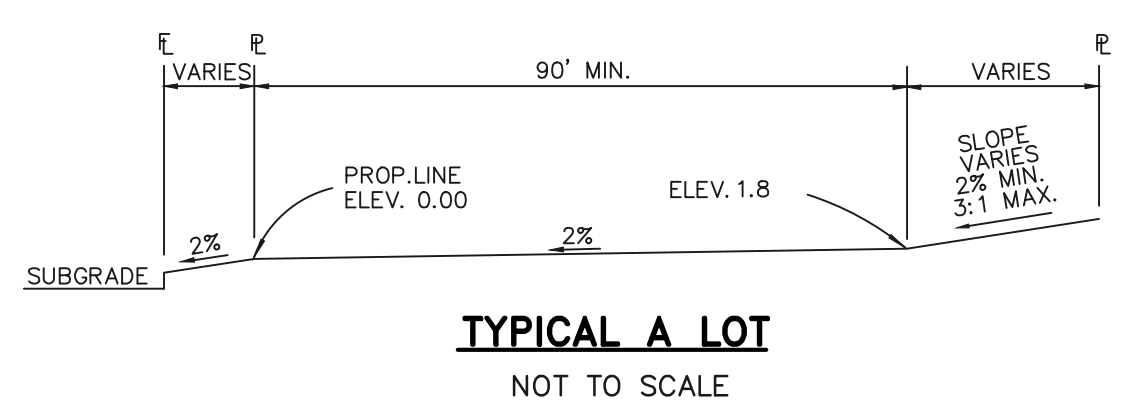
60' R.O.W. STREET SECTION (URBAN LOCAL) SCALE: 1" = 10' -ELECTRONIC DRIVE



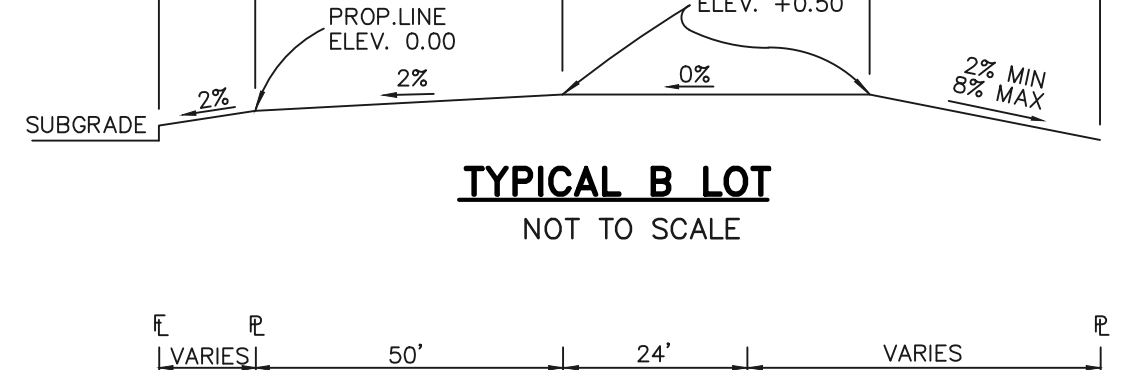
TYPICAL SECTION - 50' R.O.W. (URBAN LOCAL) SCALE: 1" = 10' -EQUINE COURT, ELECTRONIC DRIVE, PONY CLUB LANE, BREECHERS WAY, SHOW HUNTER WAY, GRAND PRIX COURT



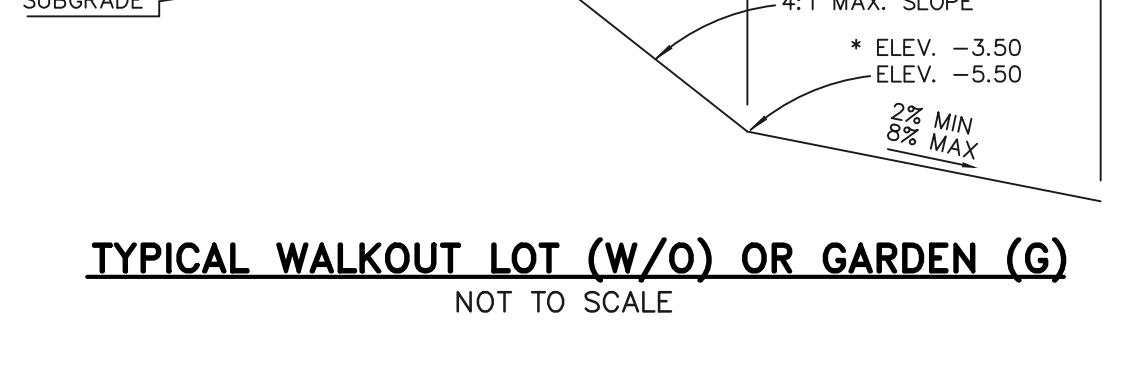
TYPICAL SECTION - 50' R.O.W. (URBAN LOCAL-LOW VOLUME) SCALE: 1" = 10' -DAPPLES COURT & EQUINE COURT CUL-DE-SAC



TYPICAL A LOT NOT TO SCALE



TYPICAL B LOT NOT TO SCALE



TYPICAL WALKOUT LOT (W/O) OR GARDEN (G) NOT TO SCALE

NOTE: "T" LOTS OR "TRANSITION" LOTS OCCUR IN PLACES WHERE BOTH PROPERTY LINES CANNOT BE GRADED AS THE TYPICAL STANDARD LOT TEMPLATES SHOWN. THESE LOTS WILL STILL BE GRADED TO CREATE POSITIVE DRAINAGE AWAY FROM THE STRUCTURE.

NOTE: SIDE LOT SWALES WILL BE PROVIDED WHERE APPROPRIATE.

SEEDING GUIDELINES

- 1. SEEDBED PREPARATION THE SEEDBED SHOULD BE WELL-SETTLED AND FIRM, BUT FRAGILE. ENOUGH THAT THE SEED CAN BE PLACED AT THE SPECIFIED DEPTH. COMPETITIVE STANDS OF WEEDS THAT ARE PRESENT BEFORE SEEDING MUST BE CONTROLLED BY SHALLOW TILLAGE OR BY APPLICATION OF HERBICIDES.

EROSION CONTROL CRITERIA:

EROSION CONTROL MEASURES SHALL BE IMPLEMENTED IN A MANNER THAT WILL PROTECT PROPERTIES AND PUBLIC FACILITIES FROM THE ADVERSE EFFECTS OF EROSION AND SEDIMENTATION AS A RESULT OF CONSTRUCTION AND EARTHWORK ACTIVITIES WITHIN THE PROJECT SITE.

- 1) THE OMISSION FROM OR THE INCLUSION OF UTILITY LOCATIONS ON THE PLANS IS NOT TO BE CONSIDERED AS THE NON-EXISTENCE OF OR A DEFINITE LOCATION OF EXISTING UNDERGROUND UTILITIES. 2) DURING GRADING OPERATIONS, LOCATE AND SET THE STRAW BALE CHECK DAMS AND SILT FENCES AS SHOWN ON THE EROSION CONTROL PLAN.

SCHEDULE OF ANTICIPATED CONSTRUCTION ACTIVITY:

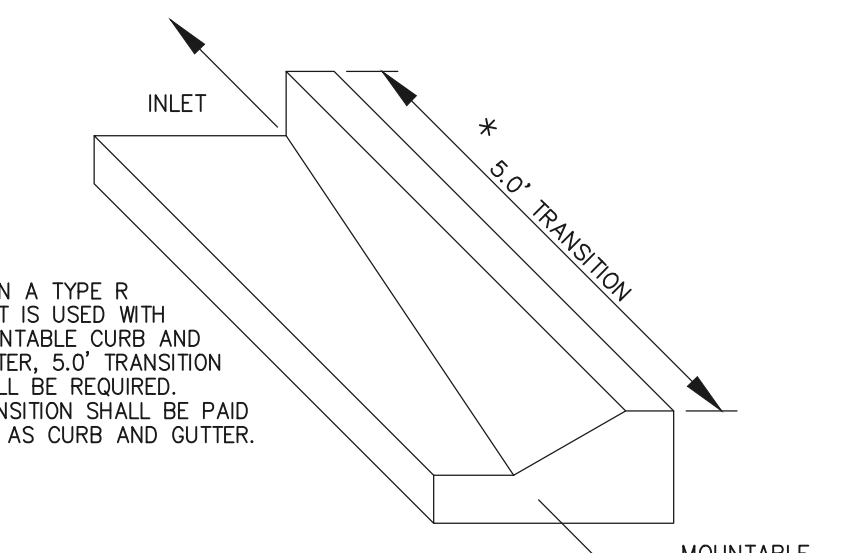
Table with 4 columns: BEG. CONSTRUCTION, ACTIVITY, COMPLETION, EROSION CONTROL. Rows include 'UPON APPROVAL', 'ALL SITE ROADWAY GRADING AND UTILITY INSTALLATION', and '6 MONTHS'.



EPC TYPE A CURB & GUTTER DETAIL N.T.S.



EPC OPTIONAL TYPE C CURB & GUTTER DETAIL N.T.S.



TRANSITION CURB DETAIL N.T.S.

SIDEWALK NOTES: 1. INSTALL 5' ATTACHED SIDEWALK ONLY WHERE IDENTIFIED ON THE CONSTRUCTION PLANS.

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.

NO. REVISION DATE

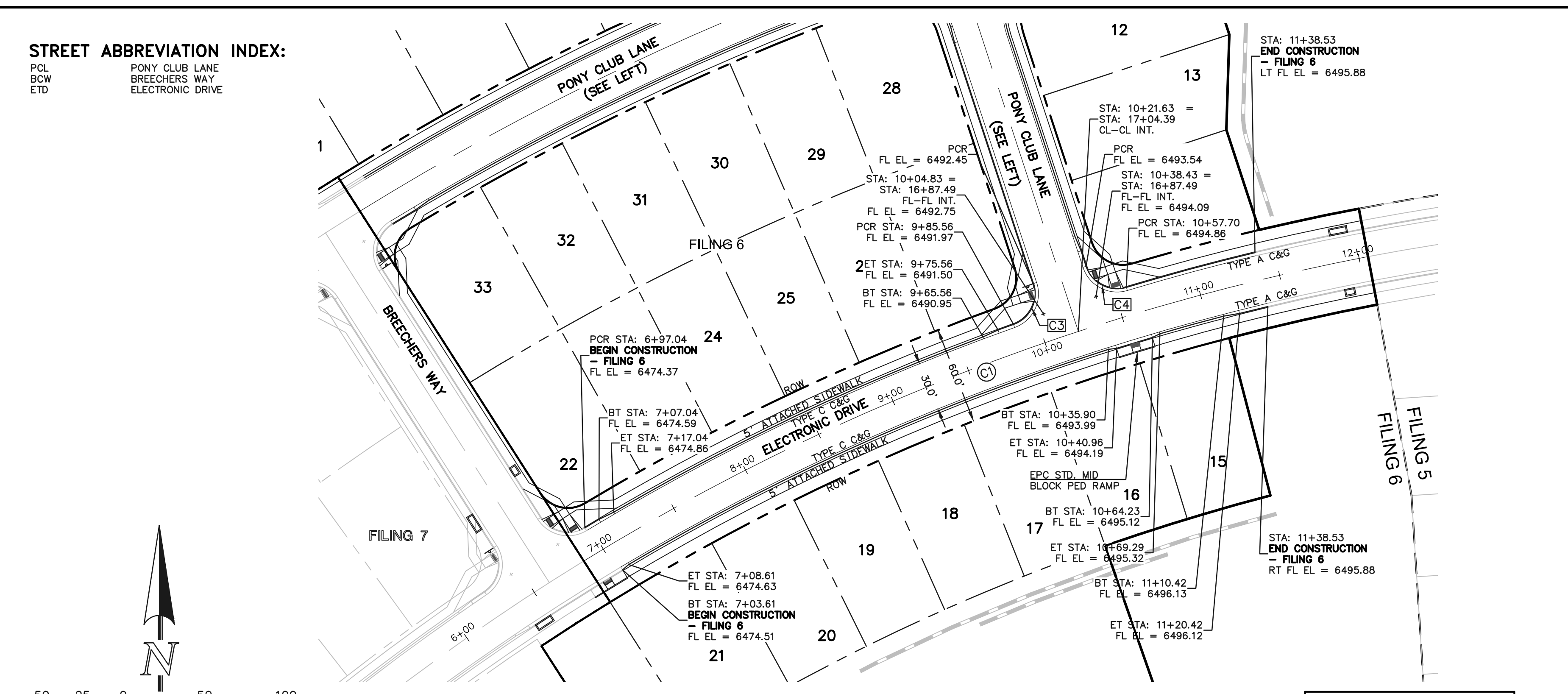
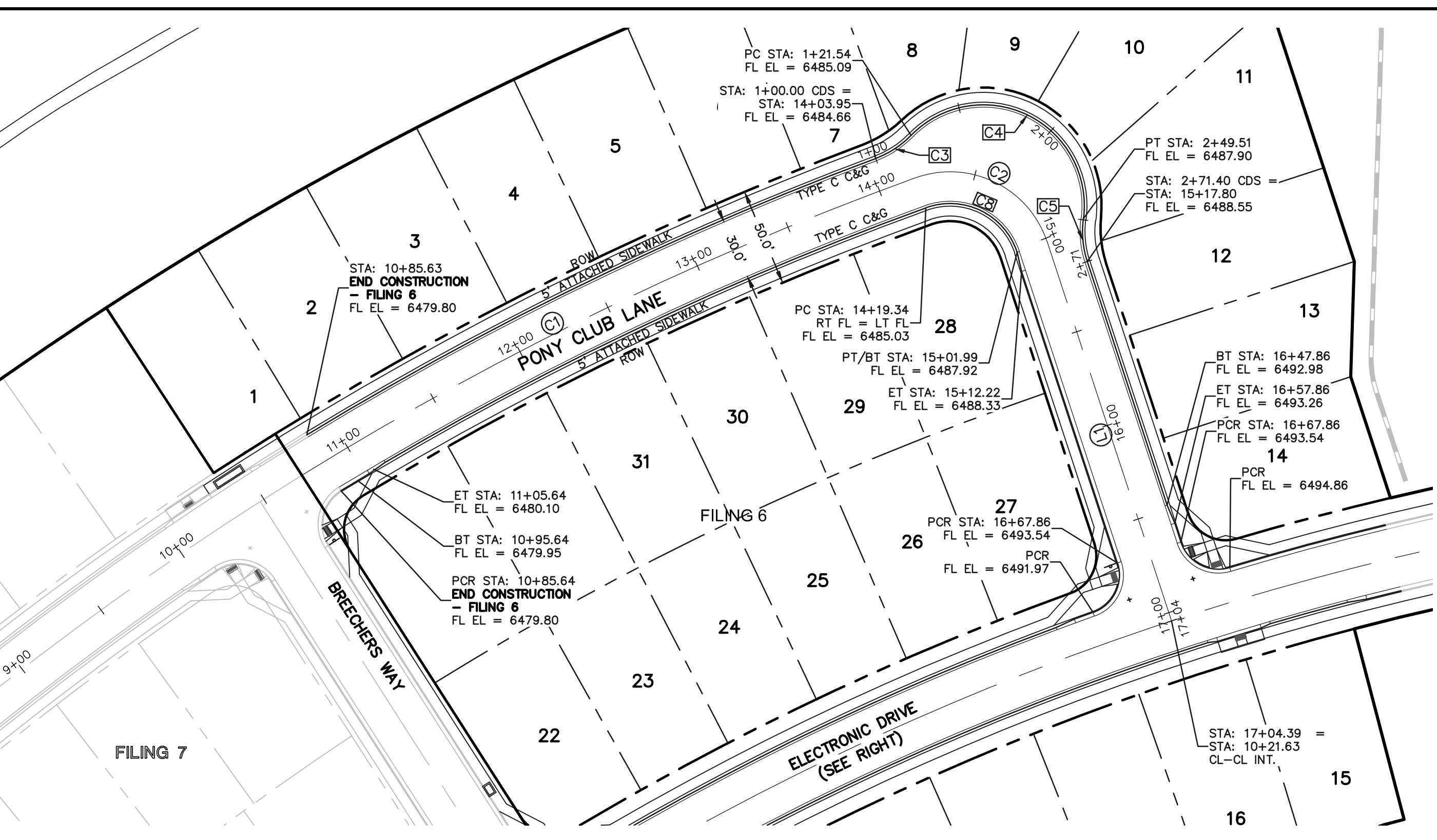
REVIEW: PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

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



HANNAH RIDGE AT FEATHERGRASS FILING NO. 5, 6 & 7 OVERLAP GRADING AND EROSION CONTROL PLAN DETAILS DESIGNED BY KRC SCALE DATE 10/12/18





PONY CLUB LANE
(PUBLIC 50' ROW) DESIGN SPEED - 25mph RESIDENTIAL

Curve	Length	Radius	Delta
C1	395.78	1685.08	13.46
C2	84.16	52.50	91.84

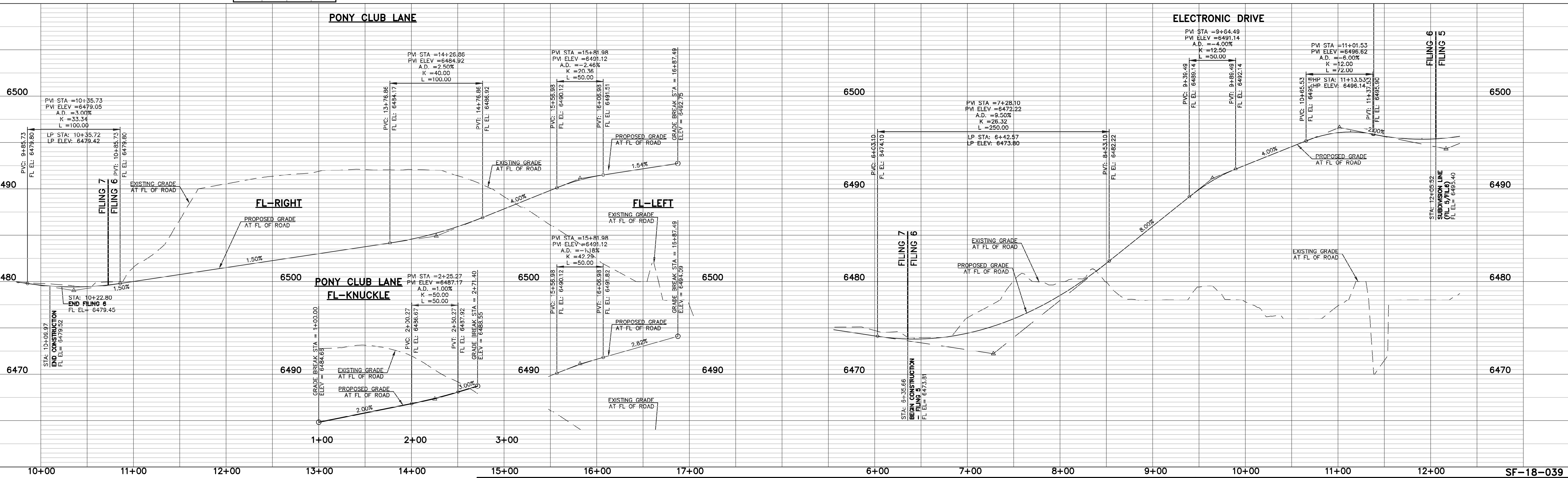
Line	Length	Bearing
L1	201.66	S18° 09' 54.26"E

Curve	Length	Radius	Delta
C3	21.54	48.83	25.27
C4	127.97	51.17	143.29
C5	21.89	48.83	25.68
C8	57.42	35.83	91.82

ELECTRONIC DRIVE
(PUBLIC 60' ROW) DESIGN SPEED - 30mph RESIDENTIAL

Curve	Length	Radius	Delta
C3	30.91	20.00	88.55
C4	30.91	20.00	88.55

Curve	Length	Radius	Delta
C1	569.55	1430.08	22.82



48 HOURS BEFORE YOU DIG,
CALL UTILITY LOCATORS

811

UTILITY NOTIFICATION CENTER OF COLORADO
IT'S THE LAW

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NO.	REVISION	DATE

REVIEW:

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

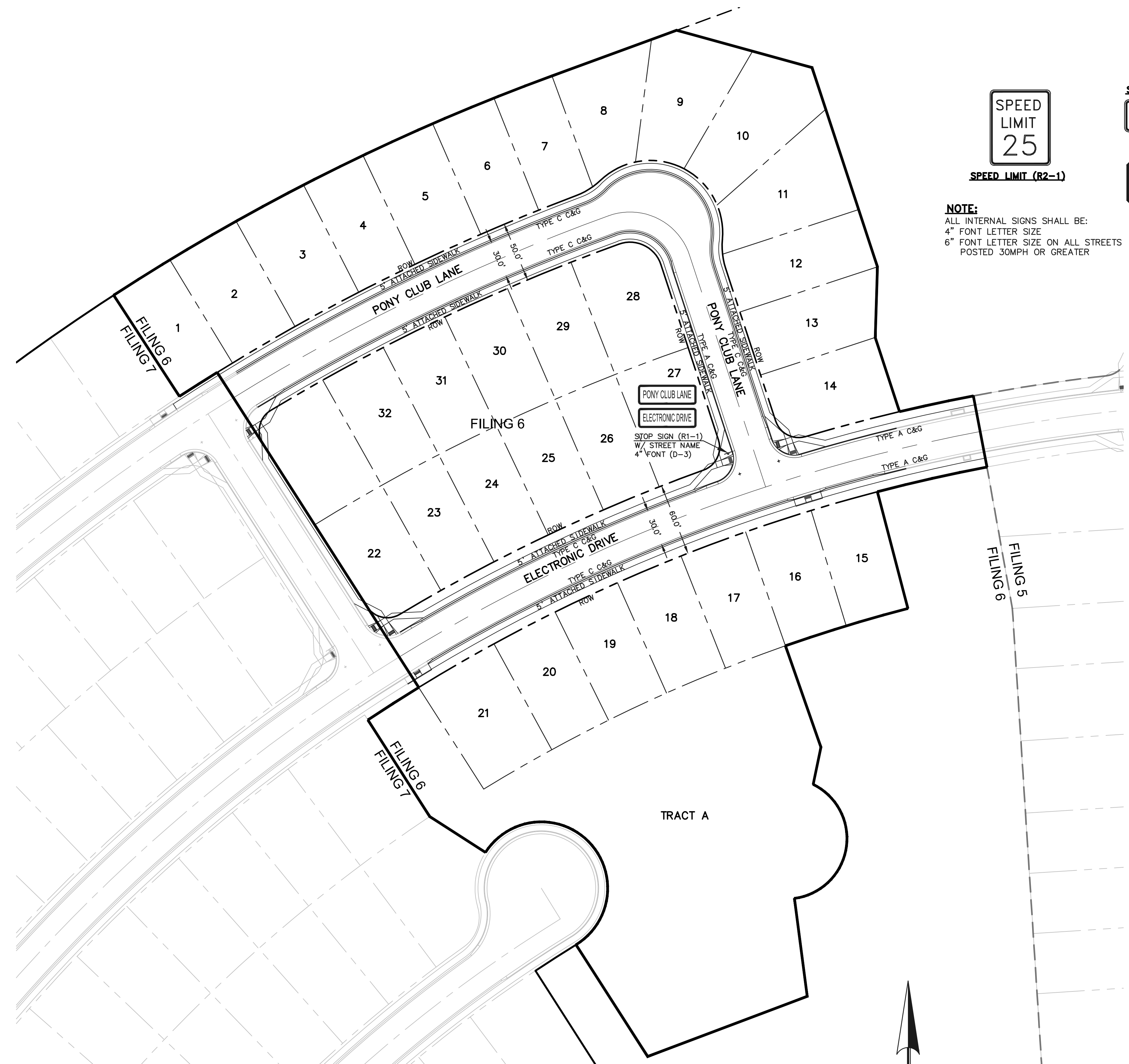
KYLE R. CAMPBELL, COLORADO P.E. #29794 DATE

HANNAH RIDGE AT FEATHERGRASS
FILING NO. 6
STREET IMPROVEMENT PLANS
PONY CLUB LANE/ELECTRONIC DRIVE

DESIGNED BY: KRC SCALE: DATE: 10/12/18
DRAWN BY: KC (H) 1" = 50' SHEET 6 OF 7
CHECKED BY: (V) 1" = 5' JOB NO. 1116.06

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

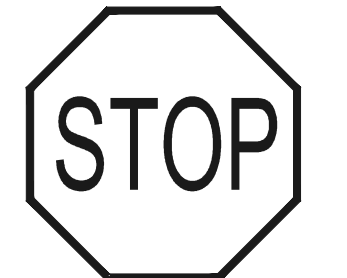
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SPEED LIMIT
25

SPEED LIMIT (R2-1)

STREET NAME (D-3)
STREET NAME

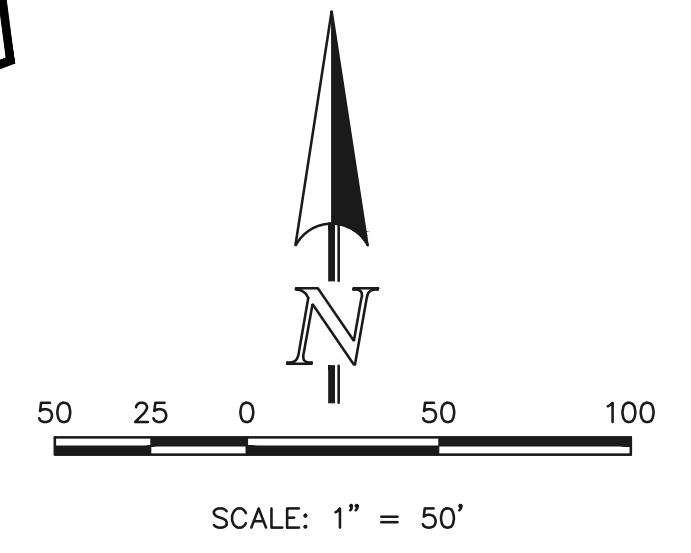


STOP (R1-1)
(30x30)

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

PONY CLUB LANE
ELECTRONIC DRIVE

STOP SIGN (R1-1)
W/ STREET NAME
4" FONT (D-3)



SF-18-039

48 HOURS BEFORE YOU DIG,
CALL UTILITY LOCATORS
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

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

HANNAH RIDGE AT FEATHERGRASS FILING NO. 6 STREET IMPROVEMENT SIGNAGE PLAN			
DESIGNED BY	KRC	SCALE	DATE 10/12/18
DRAWN BY	KC	(H) 1" = 50'	SHEET 7 OF 7
CHECKED BY	(V)	1" = N/A	JOB NO. 1116.06

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Markup Summary

Steve Kuehster (1)



Subject: arrow & box
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Author: Steve Kuehster
Date: 3/19/2019 11:43:11 AM
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See comment Filing 5 CD's.