



LETTER OF TRANSMITTAL

DATE 4/22/2019	JOB NO. 2018-10
ATTENTION Michael Waugh & Keving Rasmussen	
RE: Trails at Crowfoot Filing 1 & 9 6954 North Crowfoot Valley Road Parker, Colorado 80134	

TO: Town of Parker
District Office
20120 Mainstreet
Parker, CO 80138
Attn: Michael Waugh & Keving Rasmussen

WE ARE SENDING YOU Attached Under separate cover via _____ the following items.
 Shop Drawings Prints Plans Samples Specifications
 Copy of letter Change Order _____

COPIES	DATE	No.	DESCRIPTION
1			Submittal 41: Crowfoot Gulch - Headwalls and Wing Walls Rebar Shop
1			Trails at Crowfoot F1 Civil CD's Approved, Sheet 88

THESE ARE TRANSMITTED as checked below:
 For approval Approved as submitted Resubmit _____ copies for approval
 For your use Approved as noted Submit _____ copies for distribution
 As requested Return for corrections Return _____ corrected prints
 For review and comment _____
 FOR BIDS DUE _____ 20 _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS:

COPY TO FILE SIGNED M. Snyder
Michael Snyder, APM

If enclosures are not as noted, kindly notify us at once.

SUBMITTAL



Submittal number	41.0	Date	04/22/2019
Project	TRAILS AT CROWFOOT F1 & 9	6954 N. CROWFOOT VALLEY RD. PARKER, CO 80134	
Project number	201810		
Spec section			
Subsection		Status	Open
Current action	Submitted	Ball in court	
Topic	Crowfoot Gulch- Head Wall and Wing Wall Rebar Shop Drawings		

Submitter	MICHAEL TOMAS SNYDER
Reviewer	
Cc	

Date submitted	04/22/2019	Submission due date	
Released for review		Review due date	
Date returned		Required on site date	
Date closed			

Notes



LETTER OF TRANSMITTAL

PIPELINE CONTRACTORS

8600 Verbena St.
Commerce City, CO 80022
Office 303-289-4355
Fax 303-289-4353

ISSUED TO:

Owner ATTN: Con Cockrum, Kelley Trucking

DATE:

TRANSMITTAL NO.:

REGARDING:

Project JBS Job No 0150

We are issuing you under separate cover the following (via):

- Blue Prints
- Submittals
- Change Order
- Request for Information
- Copy of a letter
- Shop Drawings

#	Copies	Item Dated	Item #	Description
	1-Electronic		A-035	Head Wall and Wing Wall Rebar Shops for Crowfoot Gulch
				Trails at Crowfoot F1, Cosntruction Plans Sheet 88

- For your bid
- Returned for Correction
- For Approval
- For Review and Comment
- As Requested
- For Pricing

Prints are loaned to you and are to be returned to us by: Date: _____

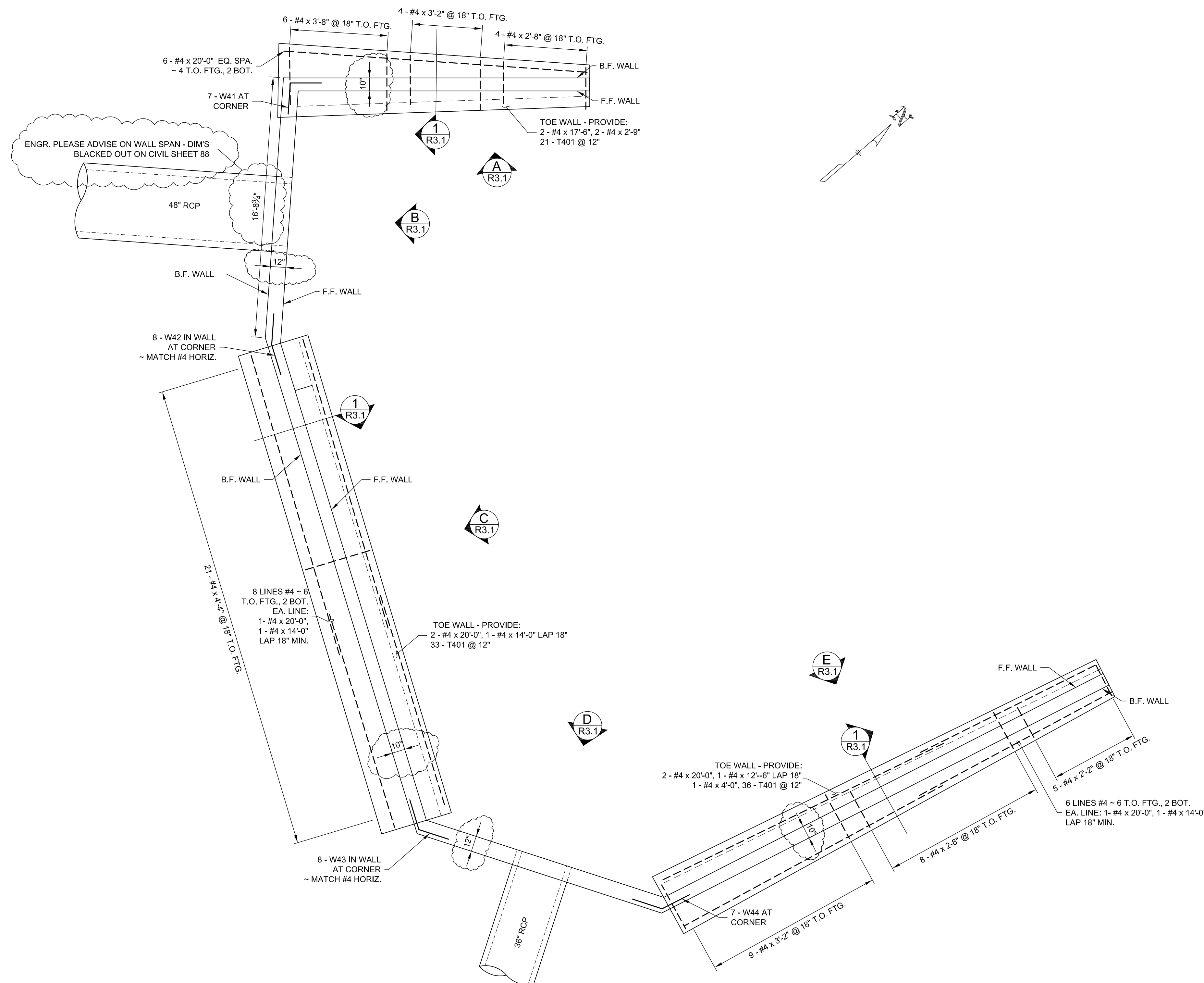
Bids are due on or before: Date: _____

COMMENTS

CC:

Amie Parent

Amie Parent
JBS Pipeline Contractors



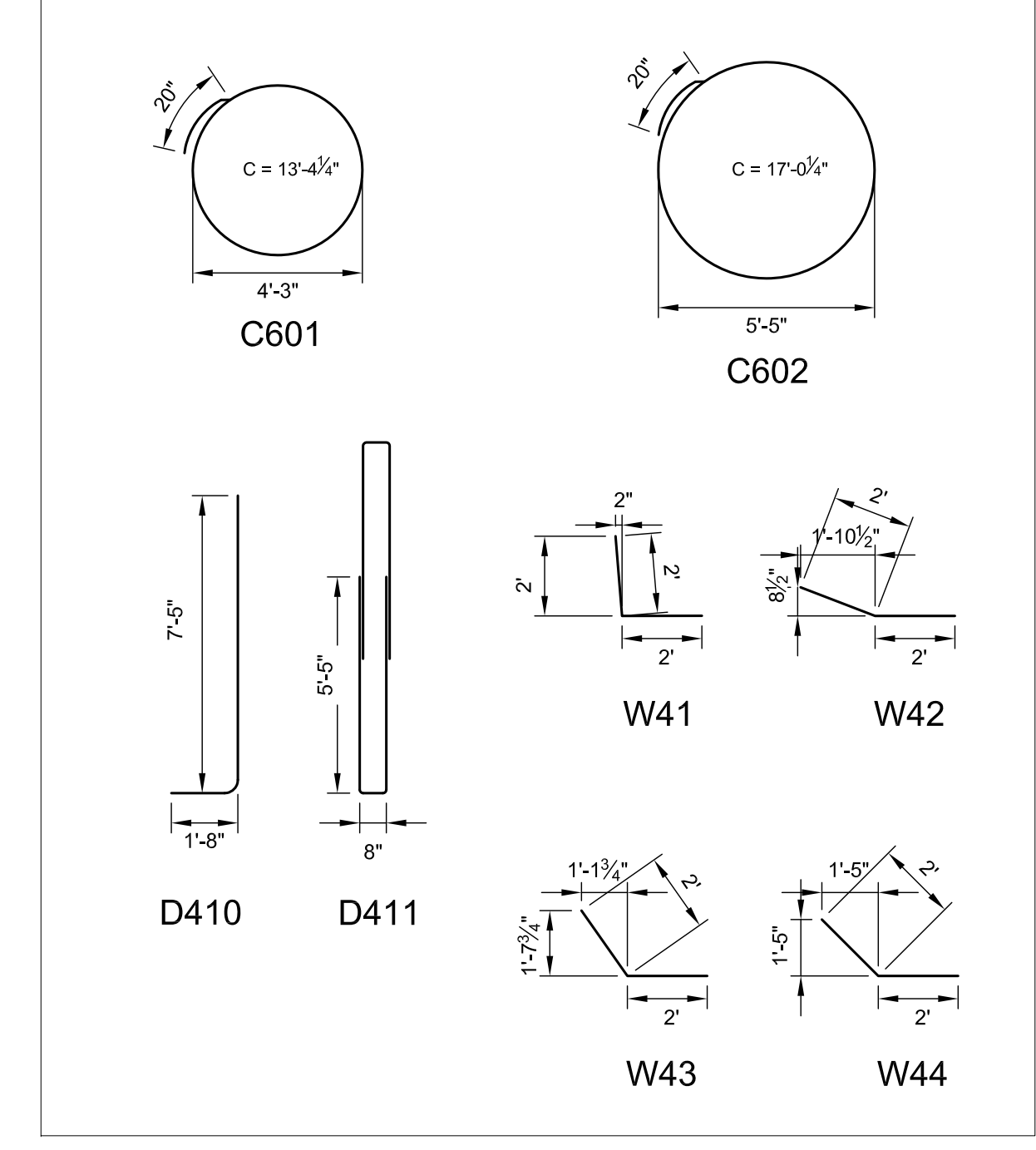
HEADWALL & WINGWALL PLAN
2 LOC'S THUS

BAR BEND LIST

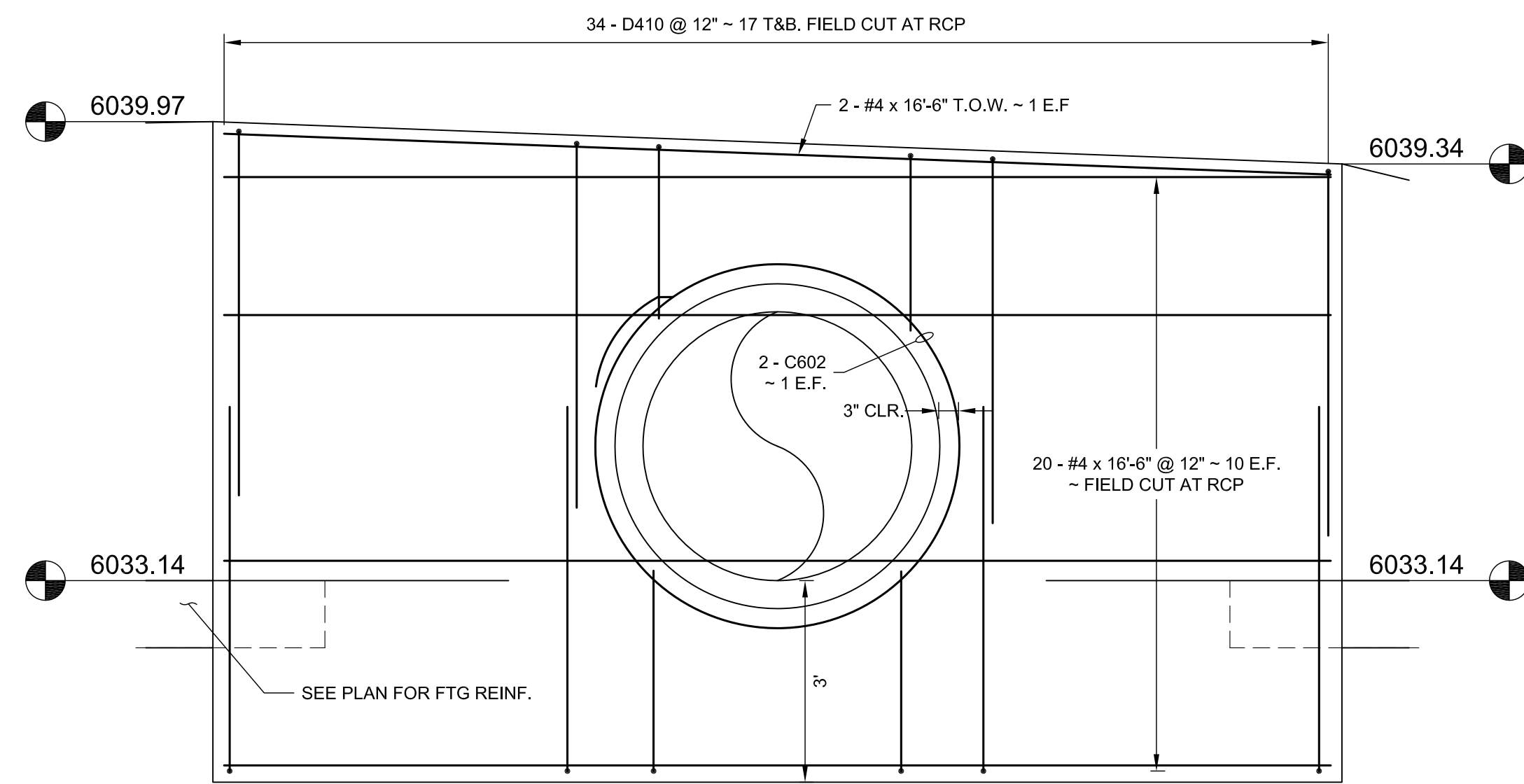
Job No: 219-115 Rel: Desc: DRAINAGE CHANNEL MASTER BEND LIST Page 1 of 1 DATE: 2/28/2019
 Customer: MLL, INC Job Name: CROWFOOT DRAINAGE IMPROVEMENTS By: CM
 Dwg: R-3.0 Rebar Grade 60 aSa Code:

Mark	Qty	Size	Type	A		B		C		D		E		F		G		H		J		K		O		R		
				FT	IN	Q	FT	IN	Q	FT	IN	Q	FT	IN	Q	FT	IN	Q	FT	IN	Q	FT	IN	Q	FT	IN	Q	FT
C601	6	T3				13	4	1																				
C602	6	T3				17	0	1																				
D410	4	17		1	8	7	5																					
D411	4	17		5	5	0	8	5	5																			
W41	4	19		2	0	2	0												2	0								
W42	4	19		2	0	2	0												0	8	2							
W43	4	19		2	0	2	0												1	7	3							
W44	4	19		2	0	2	0												1	5								
V41	LONG	4	17			1	8	6	7																			
	SHORT	4	17			1	8	1	6																			
13 BARS - 1 EA.																												
V42	LONG	4				17	9																					
	SHORT	4				3	0																					
5 BARS - 1 EA.																												
V43	LONG	4	17			1	8	5	9																			
	SHORT	4	17			1	8	3	3																			
33 BARS - 1 EA.																												
V44	LONG	4				22	2																					
	SHORT	4				7	4																					
3 BARS - 1 EA.																												

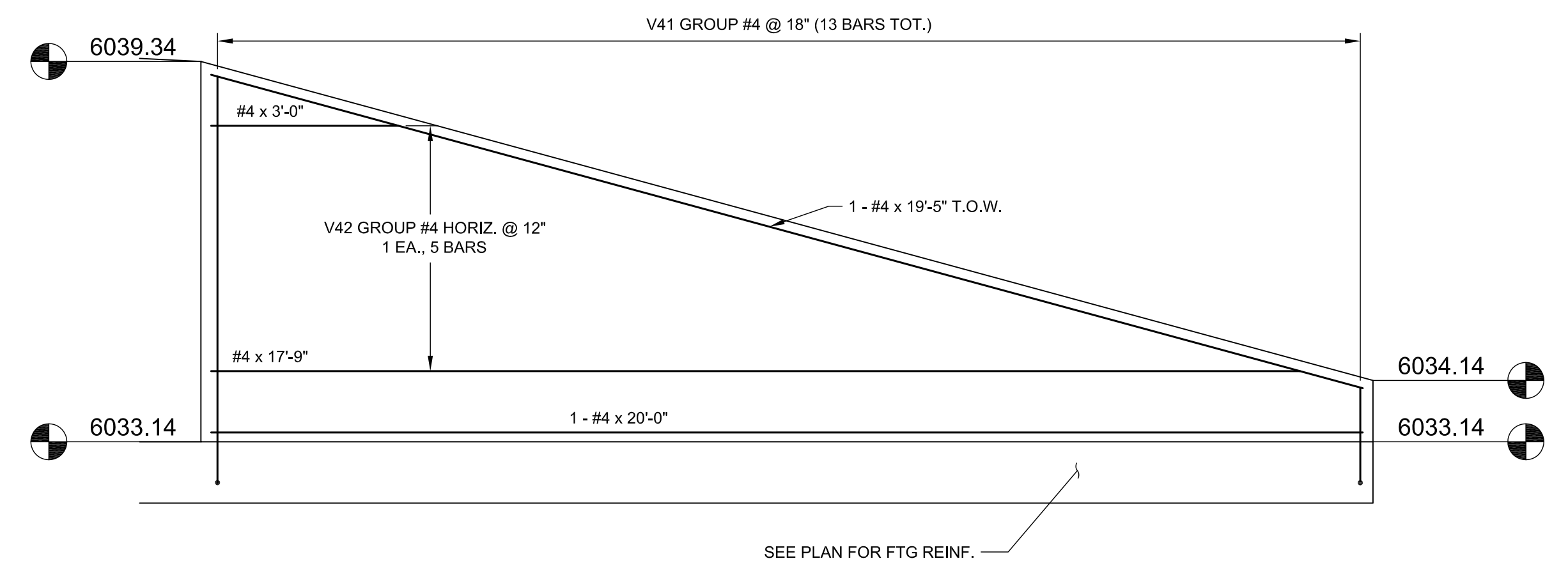
BAR BEND DETAILS



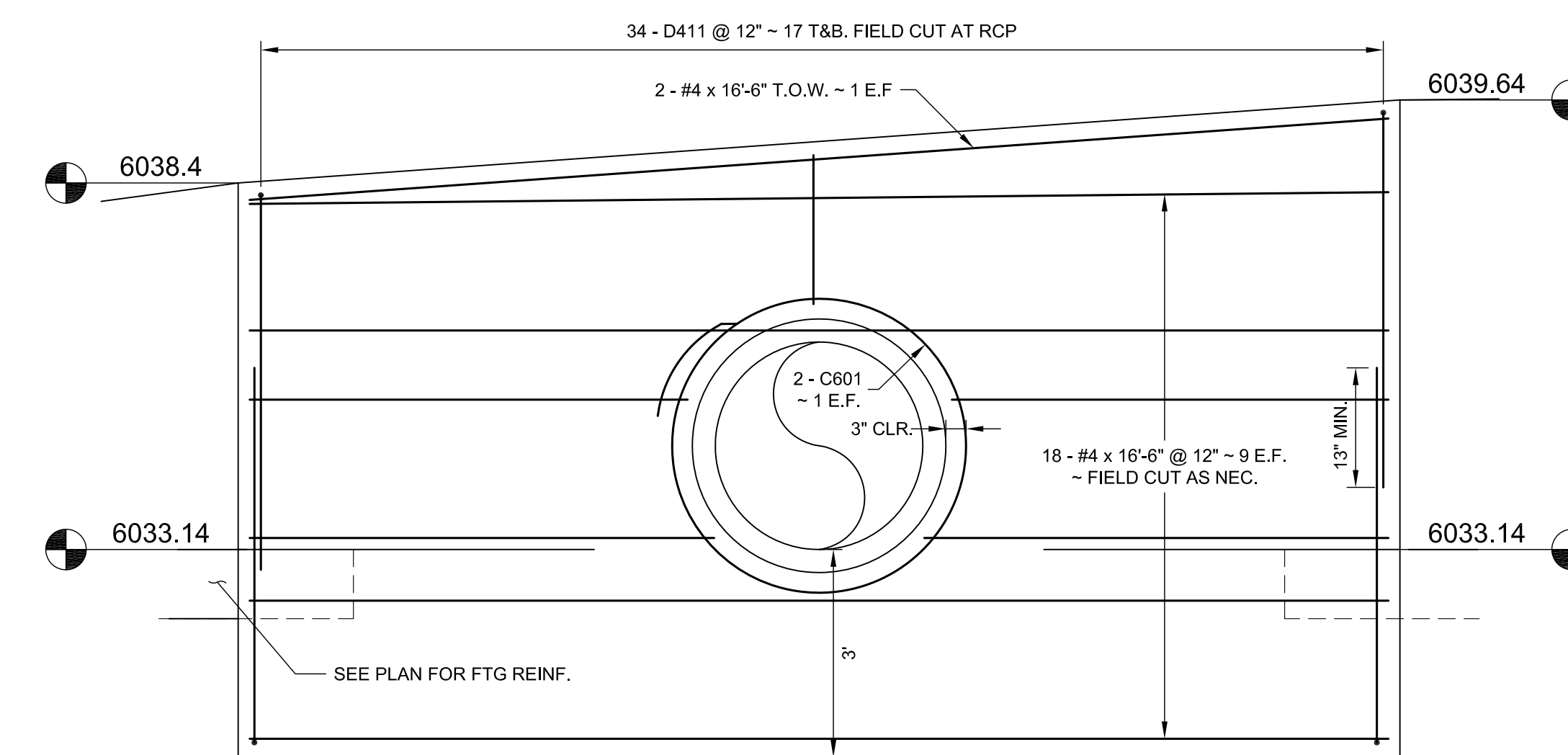
2/28/2019	REVISE, RESUBMIT	
DATE	ACTION	
Office: 500 Osage St., Denver, CO 80204 Phone: (303) 892-8833 Fax: Residential Products Division Plant: 106 S. Santa Fe Drive, Denver, CO. 80223 Fax:		
REINFORCING STEEL ASTM A615-60 U.I.N.		
PROJECT	TRAILS AT CROWFOOT - DRAINAGE IMPROVEMENT	FOR APP. 2/19/2019
LOCATION	7353 S. ALTON WAY, CENTENNIAL, CO	RECTD APP.
ARCHITECT	CVL CONSULTANTS	RELEASE
CUSTOMER	MLL, INC.	DRAWN BY CM
DRAWING DESCRIPTION	CROWFOOT DRAINAGE CHANNEL HEADWALL & WINGWALL DETAILS	CONTRACT No. 219-115 DRAWING No. R-3.0



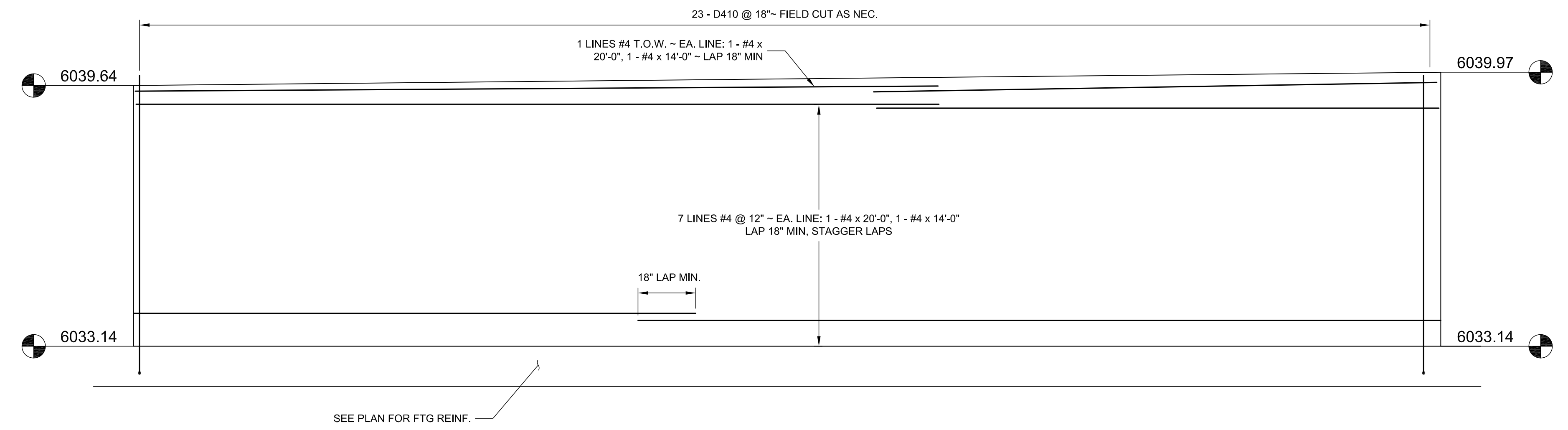
B WINGWALL ELEVATION AT 48" RCP
R3.1



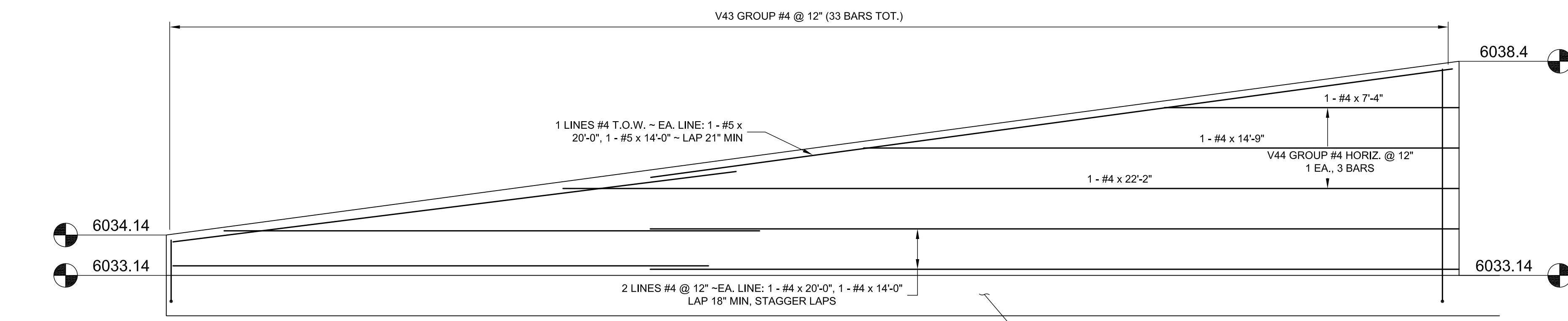
A WINGWALL ELEVATION
R3.1



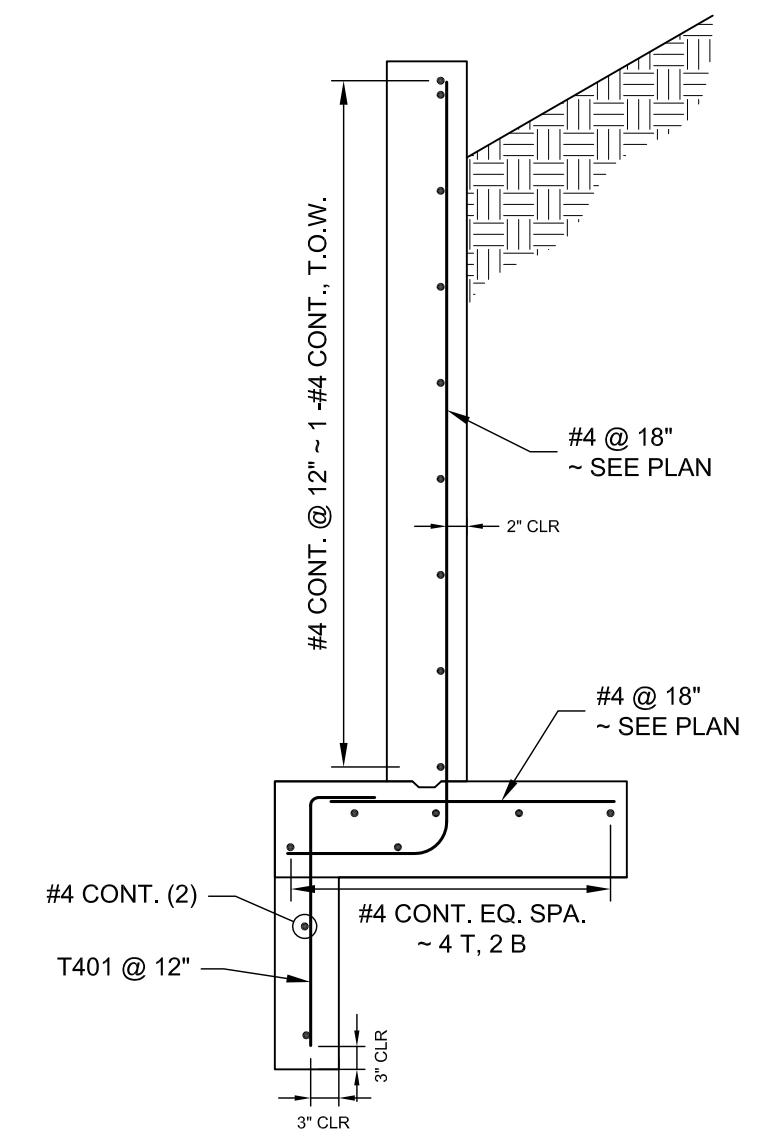
D WINGWALL ELEVATION AT 36" RCP
R3.1



C WINGWALL ELEVATION
R3.1

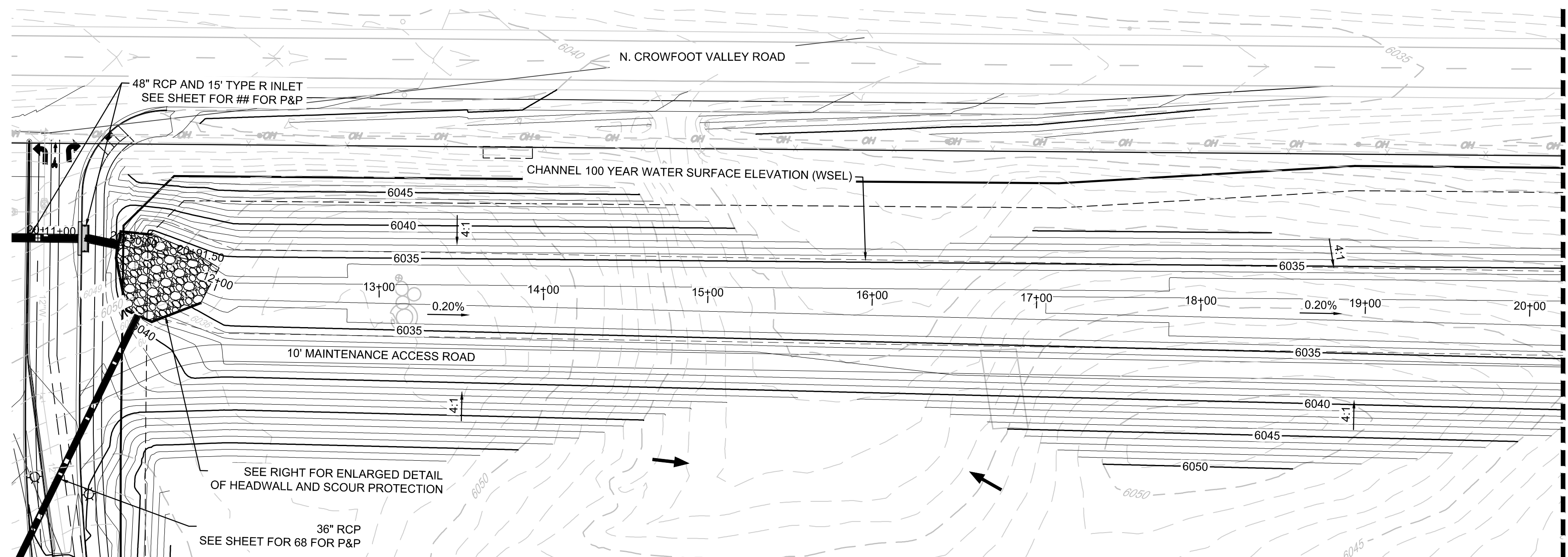


E WINGWALL ELEVATION
R3.1

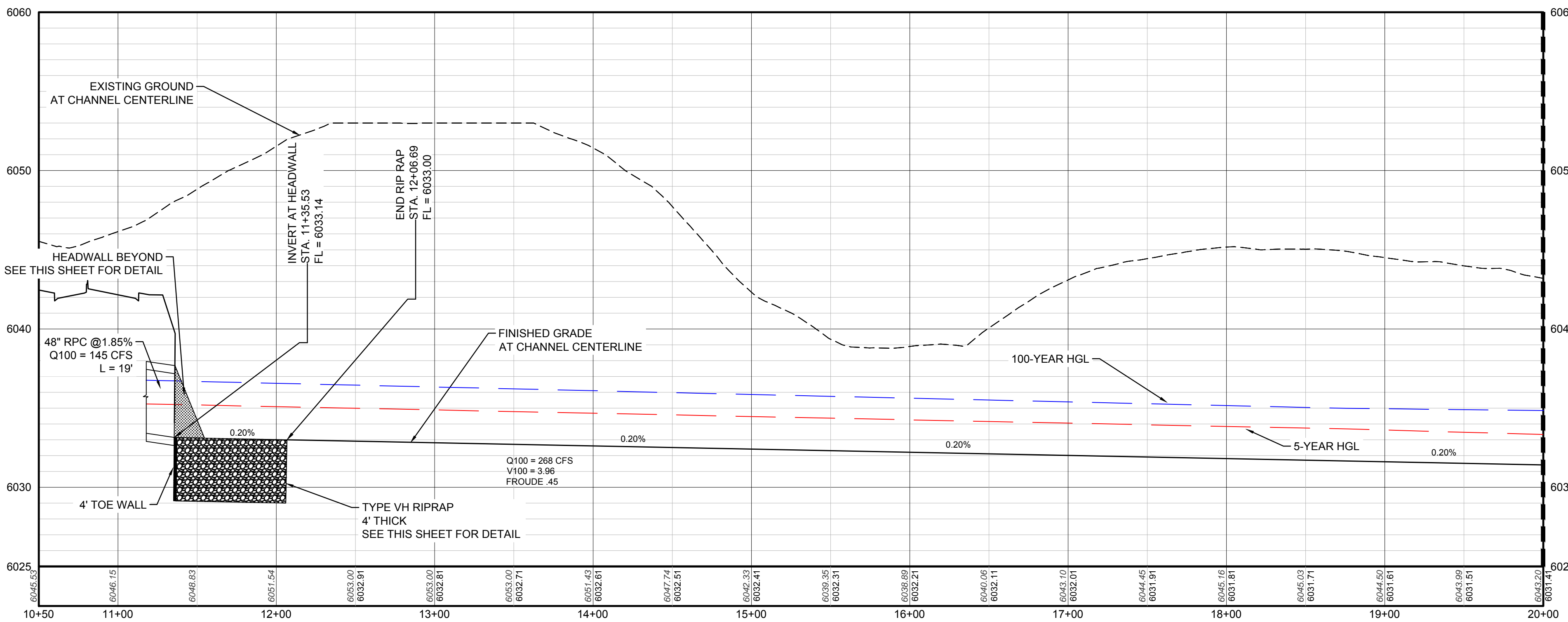


1 WINGWALL SECTION TYP.
R3.1

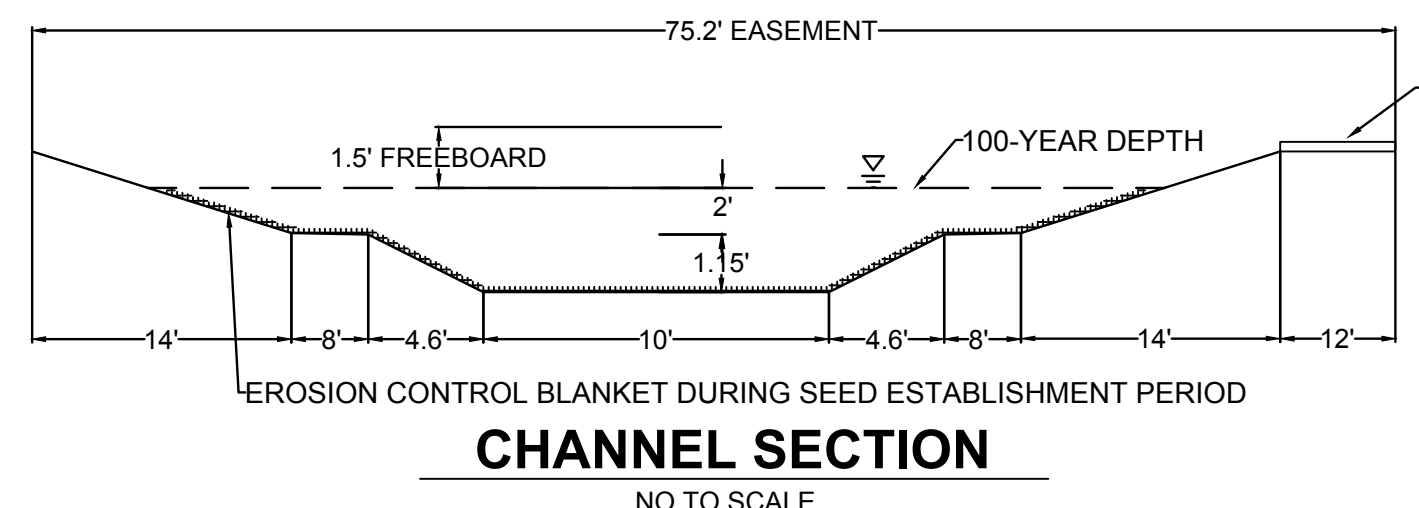
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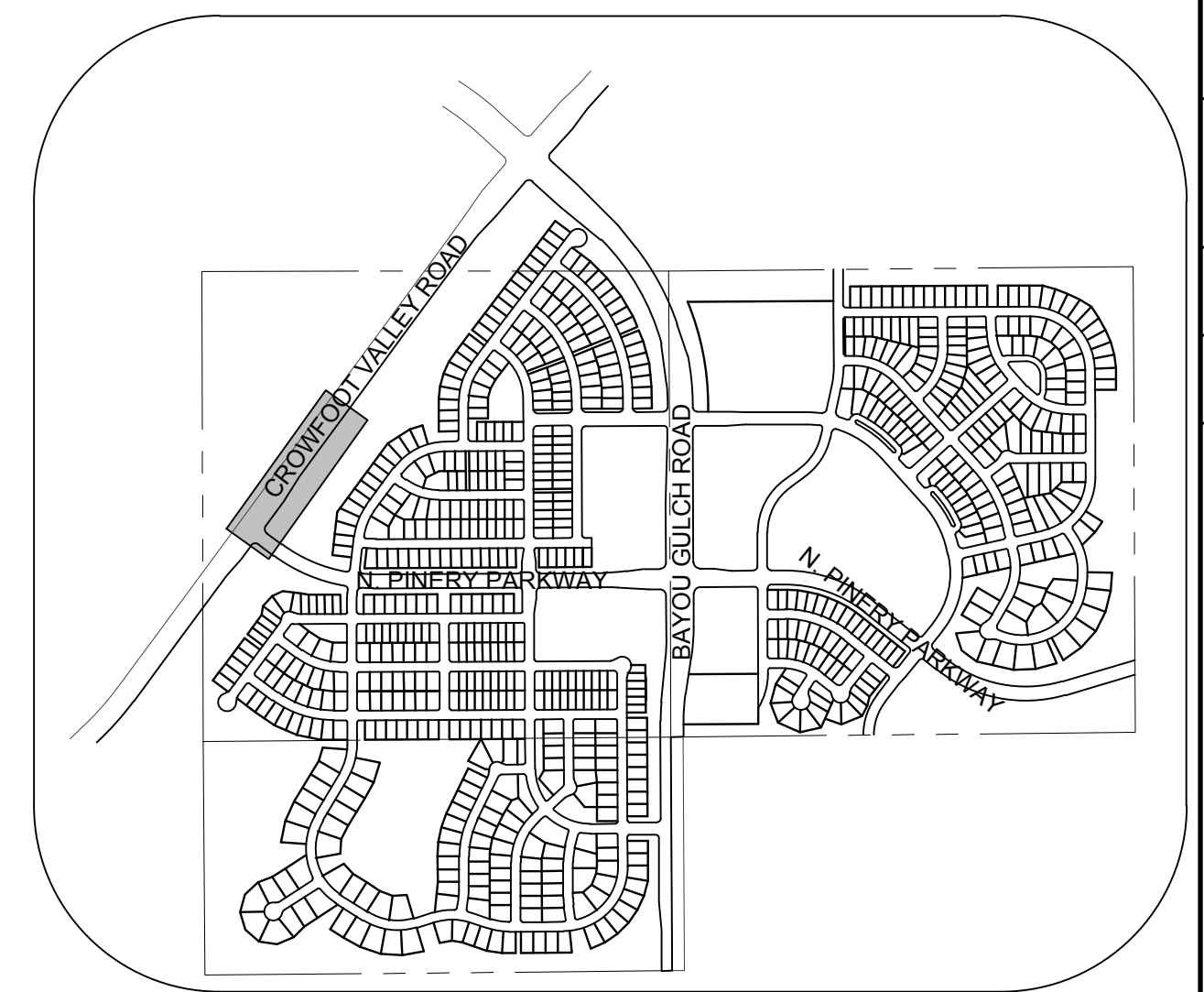
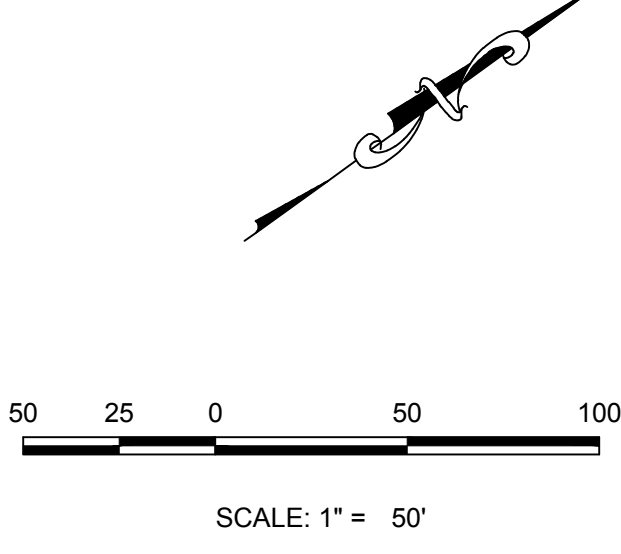
PLAN: CROWFOOT DRAINAGE CHANNEL STA: 10+50.00 TO 20+00.00
HORIZONTAL SCALE: 1" = 50'



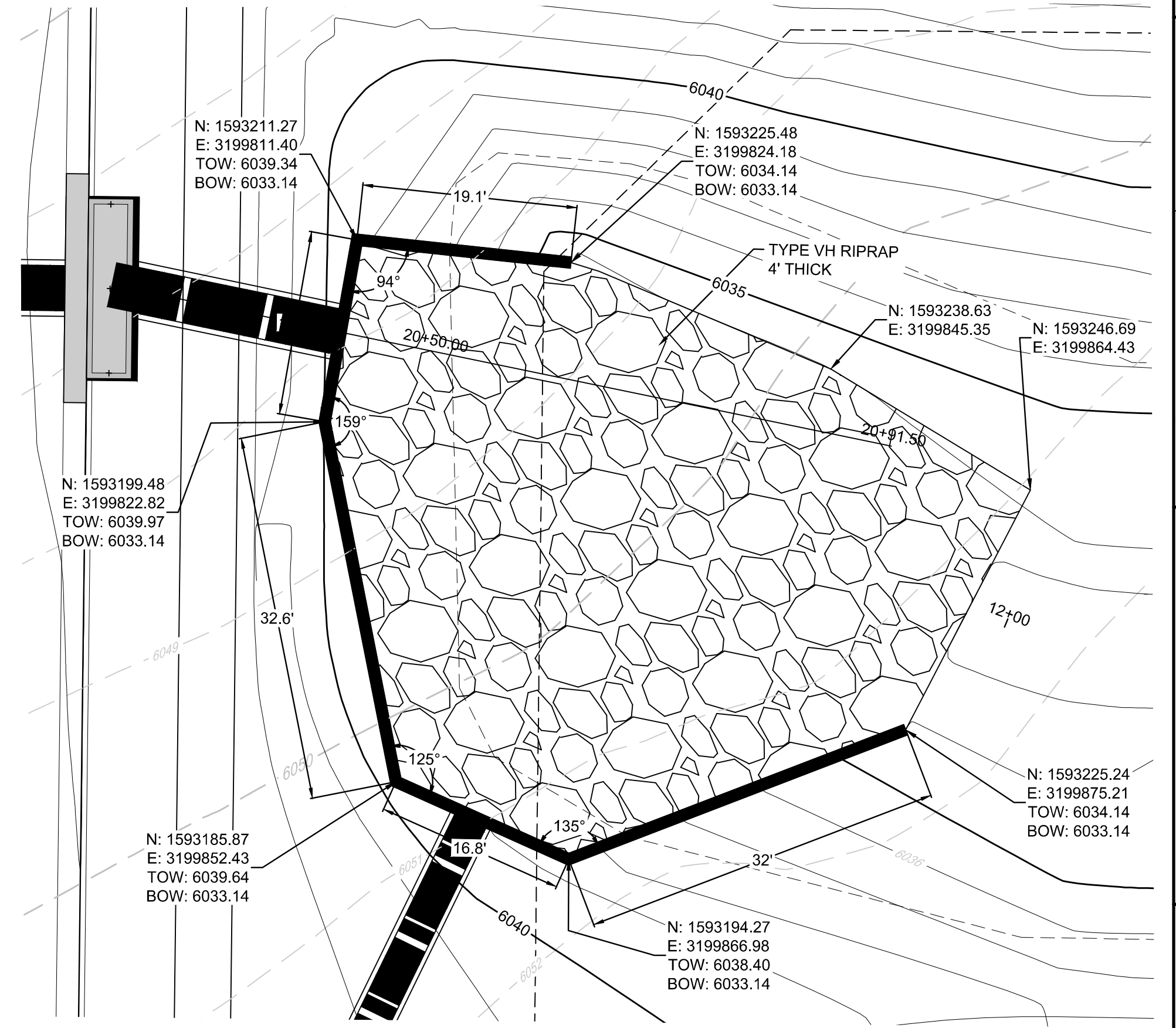
PROFILE: CROWFOOT GULCH STA: 10+50.00 TO 20+00.00
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



EROSION CONTROL BLANKET DURING SEED ESTABLISHMENT PERIOD
CHANNEL SECTION
NO TO SCALE

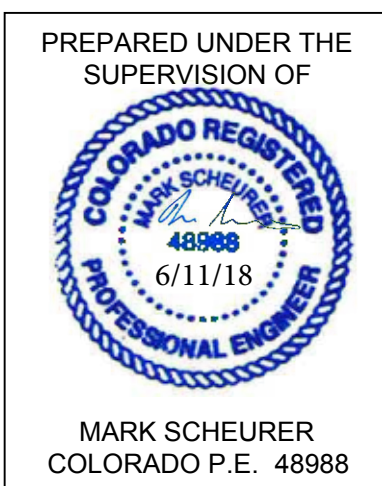


KEYMAP
N.T.S.



ENLARGED DETAIL OF HEADWALL, WINGWALL, AND SCOUR PROTECTION
SCALE: 1" = 10'

- NOTE:
1. ENSURE THAT THE PROVISIONS OF CRS 37-92-602, AS AMENDED BY SENATE BILL 15-212, REGARDING NOTIFICATION OF DOWNSTREAM WATER RIGHTS HOLDERS ARE UPHOLD.
 2. DROP STRUCTURES TO BE CONSTRUCTED BY UDFCD TIER ONE CONTRACTOR.
 3. DROP STRUCTURE DETAILS TYPICAL ALL DROP STRUCTURES
 4. CONSTRUCT HEADWALL AND WINGWALL PER CDOT STANDARD M-601-1, M-601-10, AND M-601-20.
 5. PROVIDE 42" HANDRAIL ALONG LENGTH OF WINGWALL PER CITY OF AURORA DETAIL S18 THAT MEETS UDFCD SPECIFICATION CRITERIA SECTION 5-52-00 'METAL RAILINGS'.



Prepared under the supervision of
MARK SCHEURER
 COLORADO P.E. 48968

The Town of Parker review constitutes general compliance with the Town's Standards and approved variances, subject to these plans being stamped, signed, and dated by the professional engineer of record. Review by the Town does not constitute approval of the plan design or accuracy and correctness of engineering calculations. Errors in the design or calculations remain the responsibility of the registered professional engineer whose stamp and signature are affixed to this document.

This review does not constitute approval of any private on-site improvements which may be shown. Construction cannot commence until all required drainage/traffic report(s), final development plan(s), special review(s), grading permit, and/or other permits are complete, approved and on file with the Town of Parker.

12/03/2018
 Date

SHEET NUMBER	SCALE:	AS SHOWN	DATE:	APRIL 2017
	DRAWN BY:		CHECKED BY:	JJ
	FILE NO.:	8130283701		
PROJECTS: SHERMAN RANCH CIVIL ENGINEERING SHEET SET: 2015/05/15 TOWN OF PARKER/CROWFOOT DRAINAGE CHANNEL, P&P, CIVIL, KYLEEM, 4/8/2018 3:28 PM		HR 935 LLC 7353 South Alton Way CENTENNIAL, CO 80112		10333 E. Dry Creek Rd. Suite 410 Englewood, CO 80150 Tel: (720) 482-9526 Fax: (720) 482-9546
UNCC UILITY NOTIFICATION CENTER OF COLORADO		TRAILS AT CROWFOOT FILING 1 CONSTRUCTION DRAWINGS CROWFOOT GULCH		Revisions: No. Date Init. Appr. Date
CVL CONSULTANTS				

CALL 811
TWO WORKING DAYS
BEFORE YOU DIG
1-800-922-1987

BENCHMARK
 DOUGLAS COUNTY CONTROL POINT KNOWN AS 1.069032, BEING A 3-1/4" ALUMINUM CAP, BEING LOCATED IN THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, HAVING A PUBLISHED ELEVATION OF 1799.2870 METERS (5903.13 FEET) NAVD '88 DATUM.

BASIS OF BEARINGS:
 THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 9 BEING MONUMENTED AT THE NORTHEAST CORNER OF SAID SECTION 9 BY A 3-1/4" ALUMINUM CAP STAMPED LS 23053 AND AT THE EAST QUARTER CORNER OF SAID SECTION 9 BY A 2-1/2" ALUMINUM CAP STAMPED LS 6935 BEING CONSIDERED TO BEAR SOUTH 00°15'06" EAST, 2648.70 FEET.