

COUNTY OF EL PASO, STATE OF COLORADO
SAND CREEK BANK STABILIZATION PLAN

TIMING:	FEBRUARY 2020
ANTICIPATED STARTING AND COMPLETION TIME PERIOD OF SITE GRADING:	SEPTEMBER 2020
EXPECTED DATE ON WHICH THE FINAL STABILIZATION WILL BE COMPLETED	
AREAS	1.38 AC
TOTAL AREA OF THE SITE TO BE CLEARED, EXCAVATED OR GRADED:	
RECEIVING WATERS:	SAND CREEK

SITE MAP
N.T.S.

THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW1/4) OF SECTION 34, TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE 6TH P.M. AS MONUMENTED AT THE SOUTHWEST CORNER OF SAID SOUTHWEST QUARTER (SW1/4) BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624" AND AT THE SOUTHEAST CORNER OF SAID SOUTHWEST QUARTER (SW1/4) BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624", SAID LINE BEARS N 89°14'14" E, A DISTANCE OF 2,722.56 FEET.

1. THE TOP OF AN ALUMINUM SURVEYORS CAP, STAMPED "9853", AT THE SOUTHEAST BOUNDARY CORNER OF BARBARICK SUBDIVISION
NORTHING = 411416.273
EASTING = 235167.071
ELEVATION = 7023.42
2. THE TOP OF A RED PLASTIC SURVEYORS CAP, ILLEGIBLE, AT THE NORTHWEST BOUNDARY CORNER OF PAWNEE RANCHEROS SUBDIVISION
NORTHING = 410095.404
EASTING = 235052.131
ELEVATION = 7000.40
3. THE TOP OF A RED PLASTIC SURVEYORS CAP, STAMPED "38141", AT THE SOUTHWEST BOUNDARY CORNER OF BARBARICK SUBDIVISION
NORTHING = 411399.962
EASTING = 233849.817
ELEVATION = 7030.82

OWNER: SR LAND, LLC
20 BOULDER CRESCENT, SUITE 110
COLORADO SPRINGS, CO 80903
JIM MORLEY (719) 471-1742

CIVIL ENGINEER: M & S CIVIL CONSULTANTS, INC.
20 BOULDER CRESCENT, SUITE 110
COLORADO SPRINGS, CO 80903
VIRGIL A. SANCHEZ P.E. (719) 955-5485

ENGINEERING DIVISION: EL PASO COUNTY PLANNING
AND COMMUNITY DEVELOPMENT
2880 INTERNATIONAL CIRCLE, SUITE 110
COLORADO SPRINGS, CO 80910
JEFF RICE, P.E. (719) 520-6300

TRAFFIC ENGINEERING: EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS
3275 AKERS DRIVE
COLORADO SPRINGS, CO 80922
JENNIFER IRVINE, P.E. (719) 520-6460

WATER RESOURCES: STERLING RANCH METRO DISTRICT
JDS-HYDRO CONSULTANTS
545 E. PIKES PEAK AVE., SUITE 300
COLORADO SPRINGS, CO 80903
JOHN MCGINN (719) 668-8769

FIRE DISTRICT: BLACK FOREST FIRE PROTECTION DISTRICT
11445 TEACHOUT ROAD
COLORADO SPRINGS, CO 80908
CHIEF BRYAN JACK (719) 498-4300

GAS DEPARTMENT: COLORADO SPRINGS UTILITIES
7710 DURANT DR.
COLORADO SPRINGS, CO 80947
TIM WENDT (719) 668-3556

ELECTRIC DEPARTMENT: MOUNTAIN VIEW ELECTRIC
11140 E. WOODMEN ROAD
FALCON, CO 80831
(719) 495-2283

COMMUNICATIONS: QWEST COMMUNICATIONS
(U.N.C.C. LOCATORS) (800) 922-1987
AT&T (LOCATORS) (719) 635-3674

THIS GRADING AND EROSION CONTROL PLAN WAS PREPARED UNDER MY DIRECTION AND SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. SAID PLAN HAS BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR GRADING AND EROSION CONTROL PLANS. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARING THIS REPORT.

THE OWNER WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN.

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

SHEET 1	TITLE SHEET
SHEET 2	BANK STABILIZATION PLAN STA: 70+00 TO 81+00
SHEET 3	BANK STABILIZATION PLAN STA: 81+00 TO 91+00
SHEET 4	BANK STABILIZATION PLAN STA: 91+00 TO 98+00
SHEET 5	SAND CREEK CHANNEL SECTIONS
SHEET 6	SAND CREEK CHANNEL SECTIONS / GEC DETAILS
SHEET 7	EROSION CONTROL DETAILS



102 E. PIKES PEAK AVE., 5TH FLOOR
COLORADO SPRINGS, CO 80903
PHONE: 719.955.5485



VIRGIL A. SANCHEZ, COLORADO P.E. NO. 37160



REVISIONS:

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.







CAUTIC






TRM

NORTH AMERICAN GREEN SC150
TEMPORARY EROSION CONTROL
BLANKET (OR APPROVED EQUAL)

EX	EXISTING
FUT	FUTURE
PROP	PROPOSED
(70/70)	PROP MAJ CONT
(70/70)	PROP MIN CONT
(70/70)	EXIST MAJ CONT
(70/70)	EXIST MIN CONT

	EX. FLOW ARROW
	PROP. FLOW ARROW
	PROPERTY LINE
	SILT FENCE / LIMITS OF DISTURBANCE
	100-YR FLOOD PLAIN
	PROP STORM SEWER PIPE

	EX. WETLANDS
	WETLAND DISTURBANCE
	RIPRAP TYP.

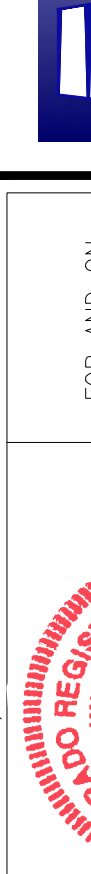

RIPRAP LINED
CHANNEL BANK STABILIZATION
NOT TO SCALE

TURF REINFORCEMENT MAT LINED
CHANNEL BANK STABILIZATION
NOT TO SCALE

CHANNEL STABILIZATION STA: 70+00 TO 81+00
SCALE: 1"=30'

 FOR LOCATING
& MARKING
GAS,
ELECTRIC,
WATER &
TELEPHONE
LINES

FOR BURIED UTILITY INFORMATION
48 HRS BEFORE YOU DIG
CALL 1-800-922-1987

REVISIONS:		CAUTION:		THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR UNAUTHORIZED CHANGES TO OR USE OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.		APR'D. BY: _____ DATE: _____		DATE: _____	
NO.	DATE:	BY:	DESCRIPTION:	APR'D. BY:	DATE:	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>FOR AND ON BEHALF OF A&S CONSULTANTS, INC.</p> </div> <div style="text-align: center;">  <p>A&S CIVIL CONSULTANTS, INC.</p> </div> </div>			

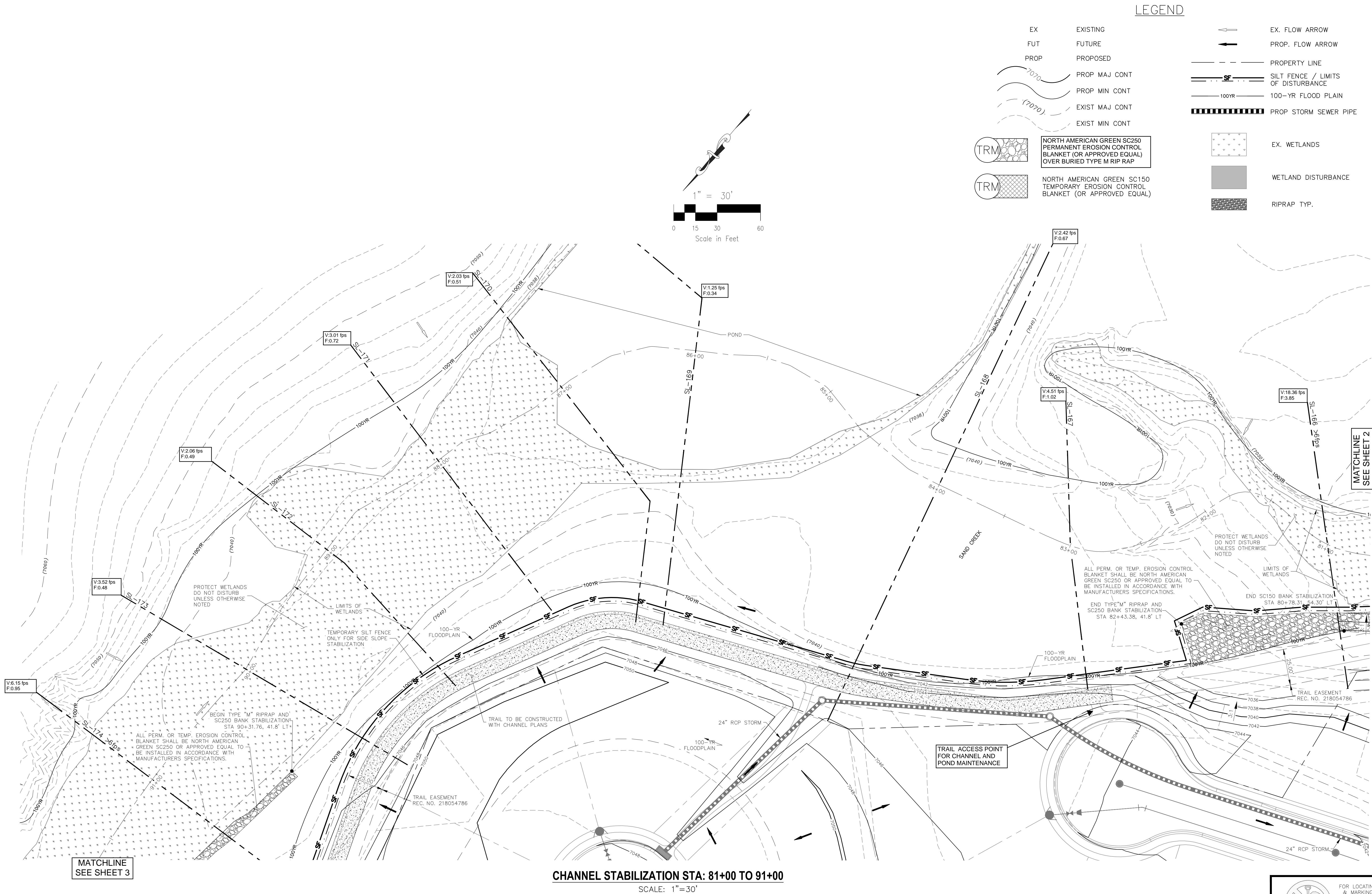
102 E PINE PEAK AVE. 5TH FLOOR
 COLORADO SPRINGS, CO 80903
 PHONE: 719.553.5485

BRANDING IRON AT SR FILING NO. 2

SAND CREEK BANK STABILIZATION PLANS

PROJECT NO. 09-012	SCALE:	DATE: 02/07/2020	
DESIGNED BY: WAS	HORIZONTAL:		GR02
DRAWN BY: ELY	N/A		
CHECKED BY: WAS	VERTICAL:		

File: 0:\00002A\sterling ranch district\eng\corral day\grading & erosion control\bank stabilization\branding iron 2 bank plans\CR03.dwg Plotstamp: 2/7/2020 2:16 PM



BRANDING IRON AT SR FILING NO. 2

SAND CREEK BANK STABILIZATION PLANS

PROJECT NO. 09-012
DESIGNED BY: VAS
DRAWN BY: ELY
CHECKED BY: VAS

DATE: 02/07/2020
SCALE: HORIZONTAL: N/A
VERTICAL: N/A

SHEET 3 OF 7
GR03

102 E. PIKE PEAK AVE., 5TH FLOOR
COLORADO SPRINGS, CO 80903
PHONE: 719.555.5485

CIVIL CONSULTANTS, INC.

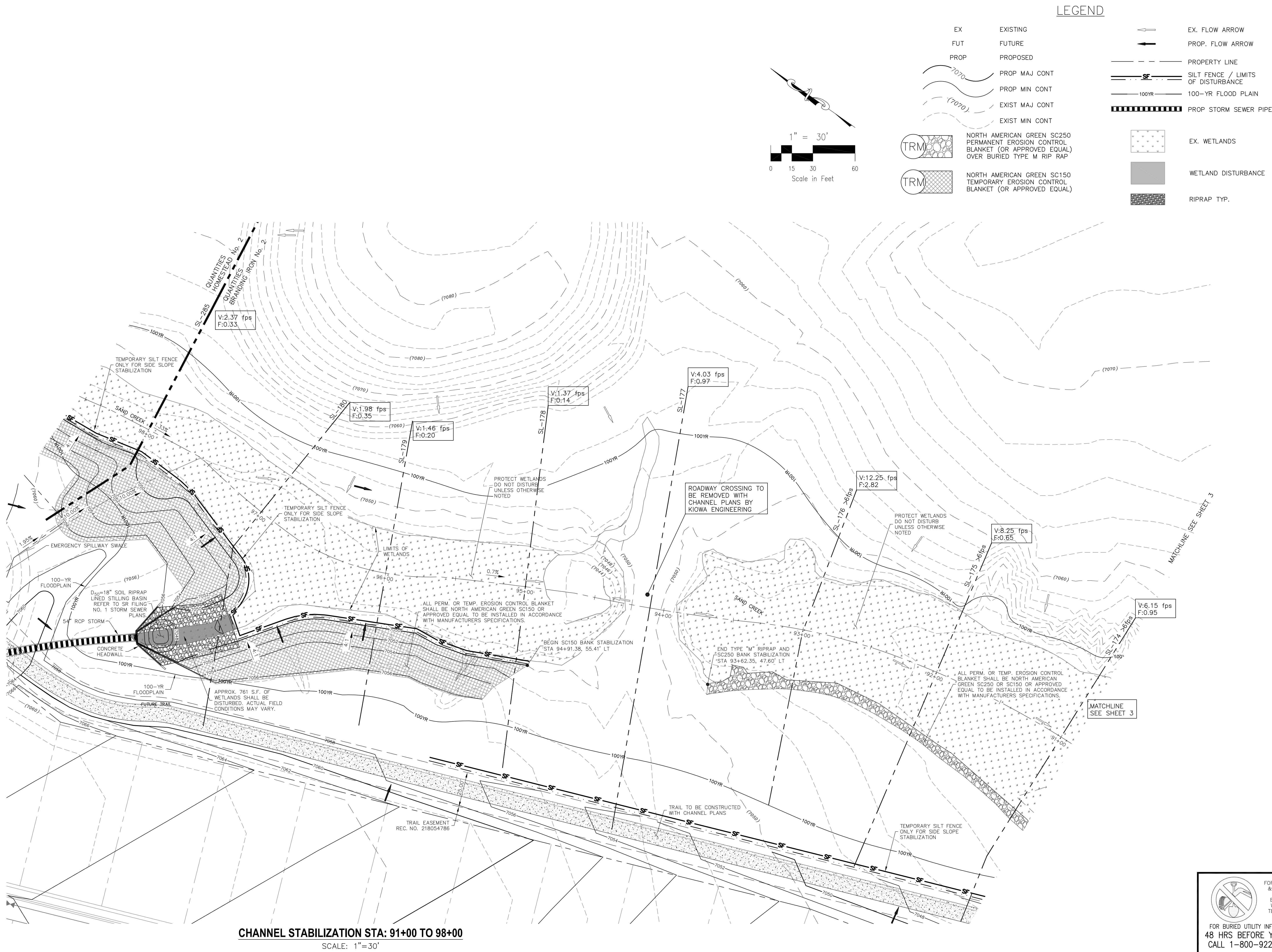
FOR AND ON BEHALF OF
M&S CIVIL CONSULTANTS, INC.

REVISIONS:
NO. DATE BY DESCRIPTION

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CAUTION



LEGEND

EX	EXISTING		EX. FLOW ARROW
FUT	FUTURE		PROP. FLOW ARROW
PROP	PROPOSED		PROPERTY LINE
	PROP MAJ CONT		SILT FENCE / LIMITS OF DISTURBANCE
	PROP MIN CONT		100-YR FLOOD PLAIN
	EXIST MAJ CONT		PROP STORM SEWER PIPE
	EXIST MIN CONT		EX. WETLANDS
			WETLAND DISTURBANCE
			RIPRAP TYP.

1" = 30'
Scale in Feet

NORTH AMERICAN GREEN SC250 PERMANENT EROSION CONTROL BLANKET (OR APPROVED EQUAL) OVER BURIED TYPE M RIP RAP

NORTH AMERICAN GREEN SC150 TEMPORARY EROSION CONTROL BLANKET (OR APPROVED EQUAL)

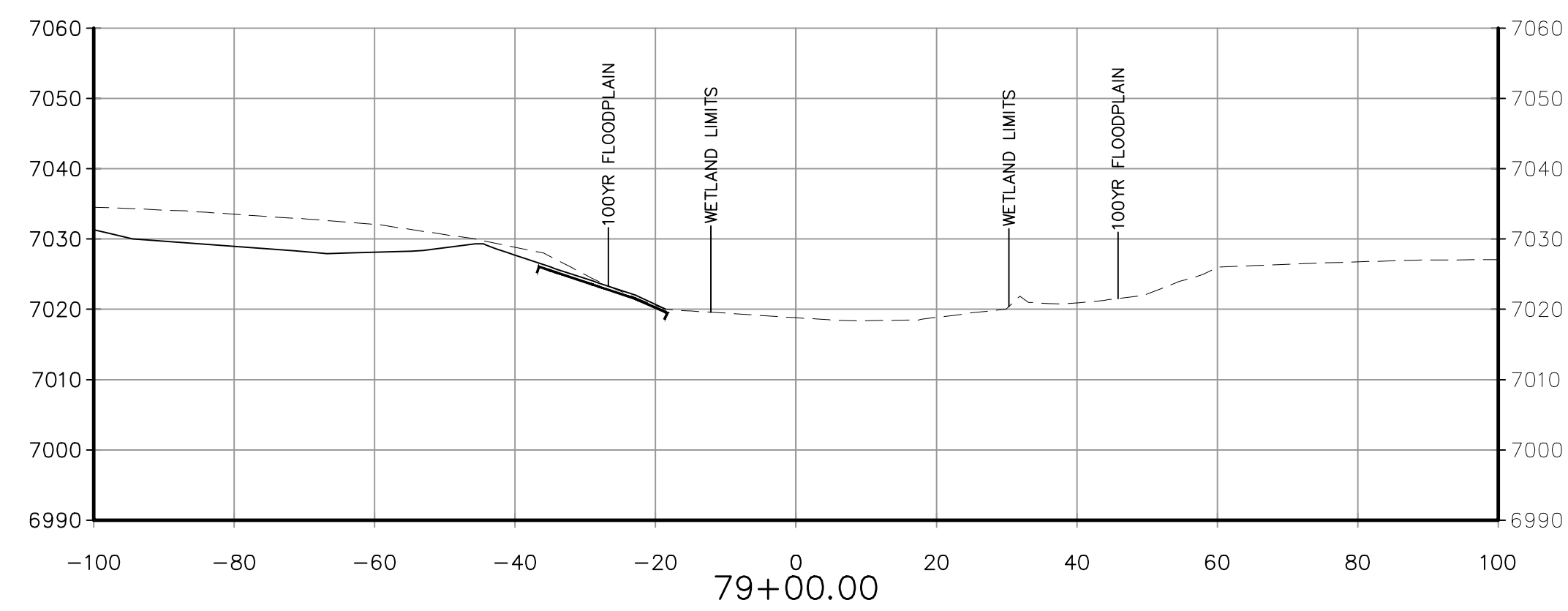
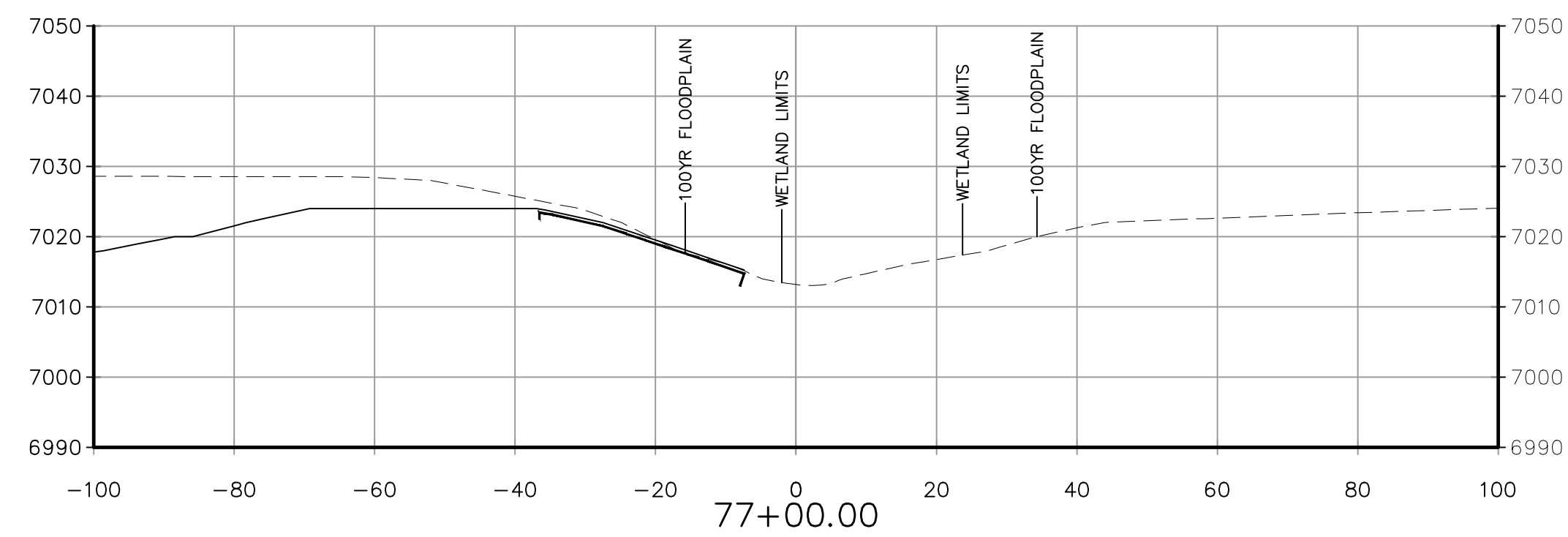
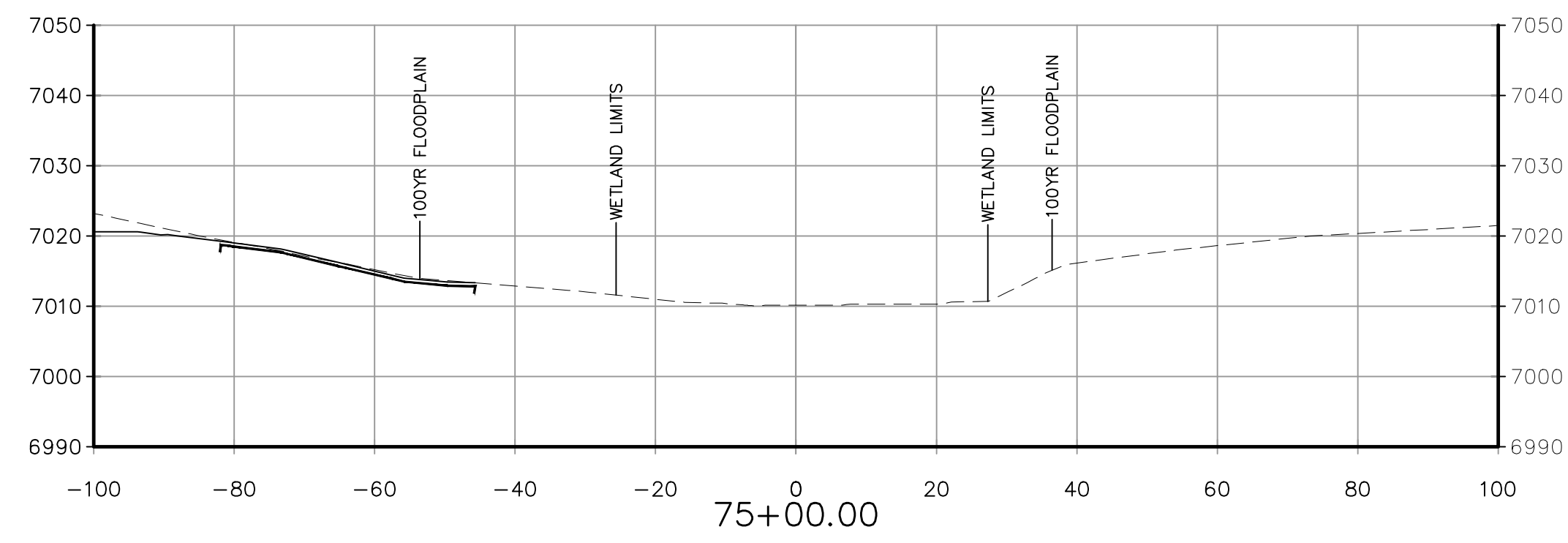
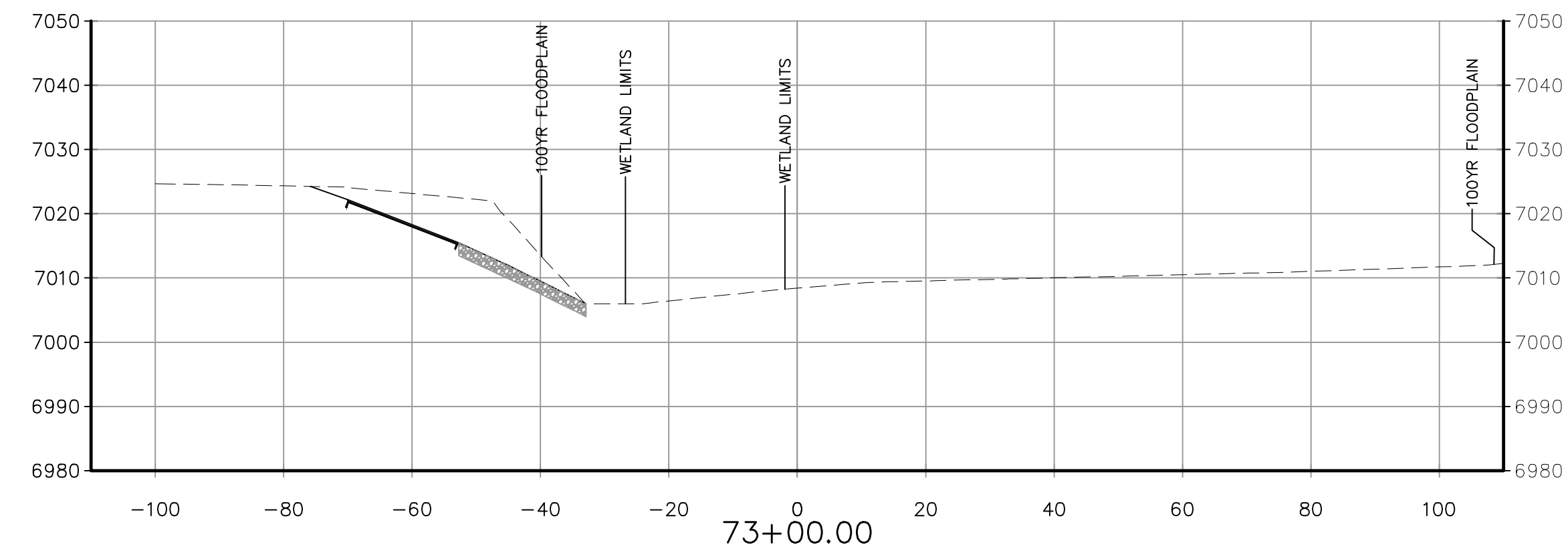
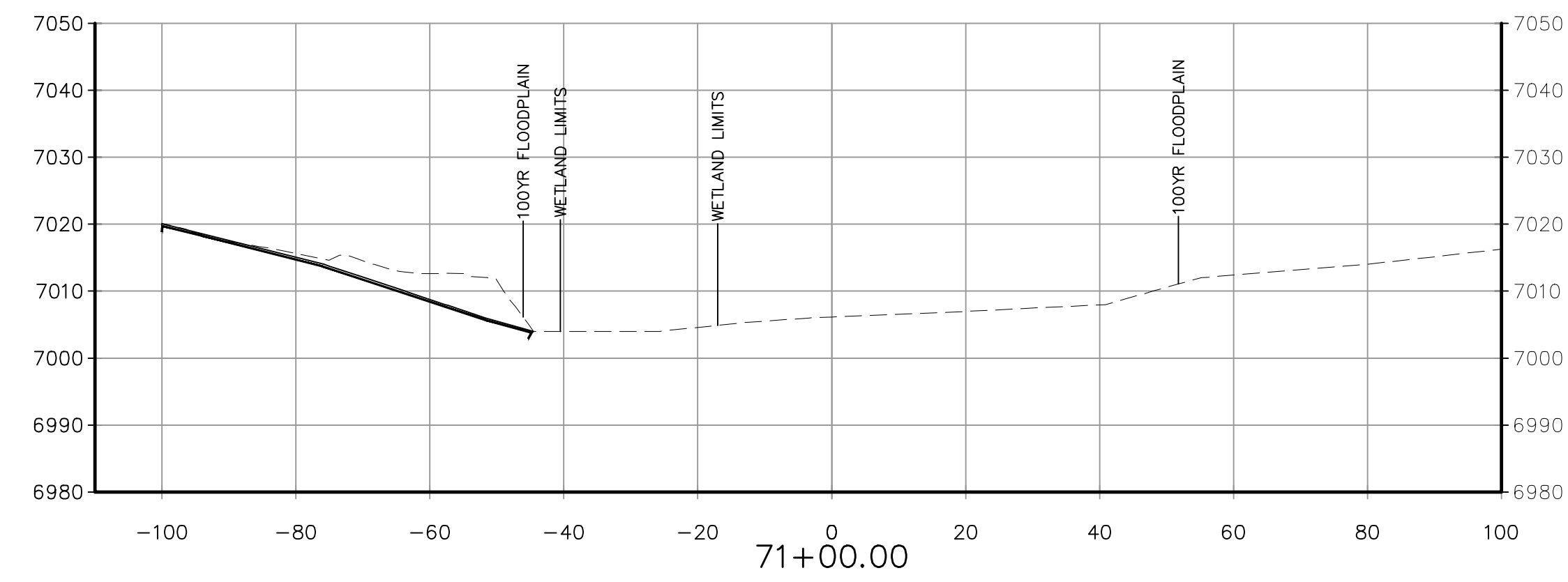
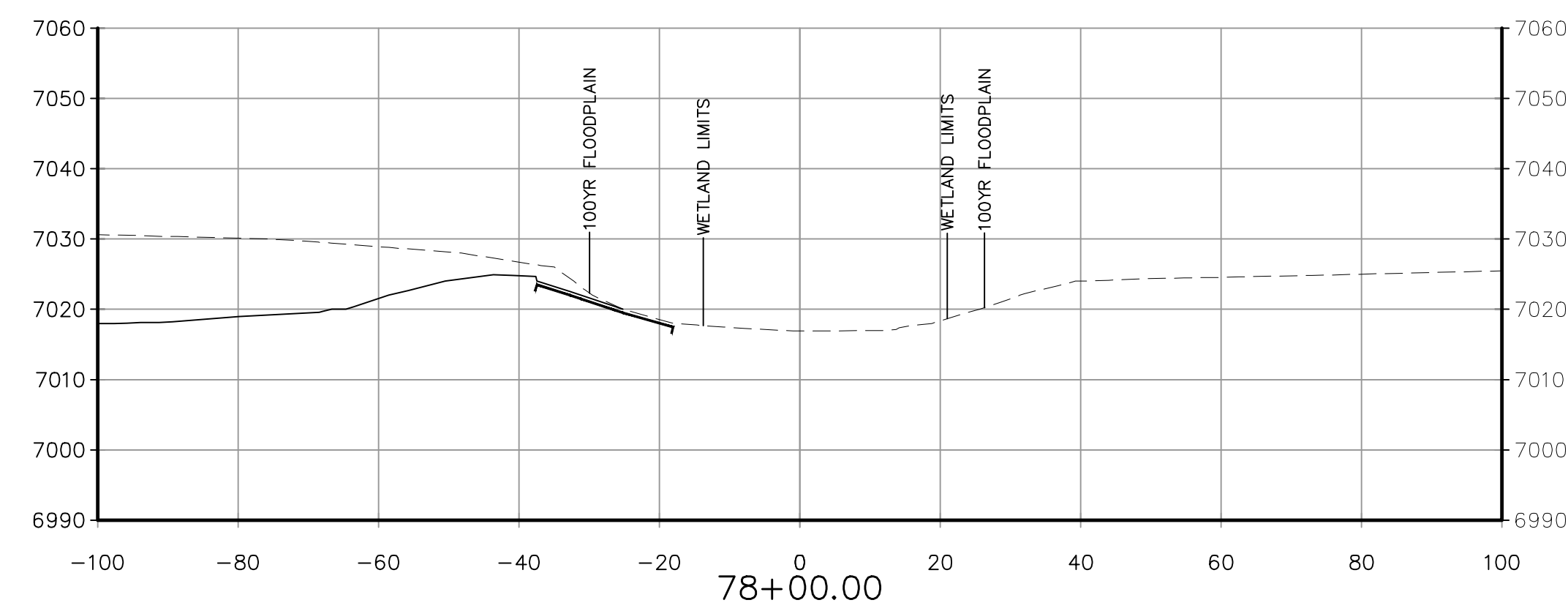
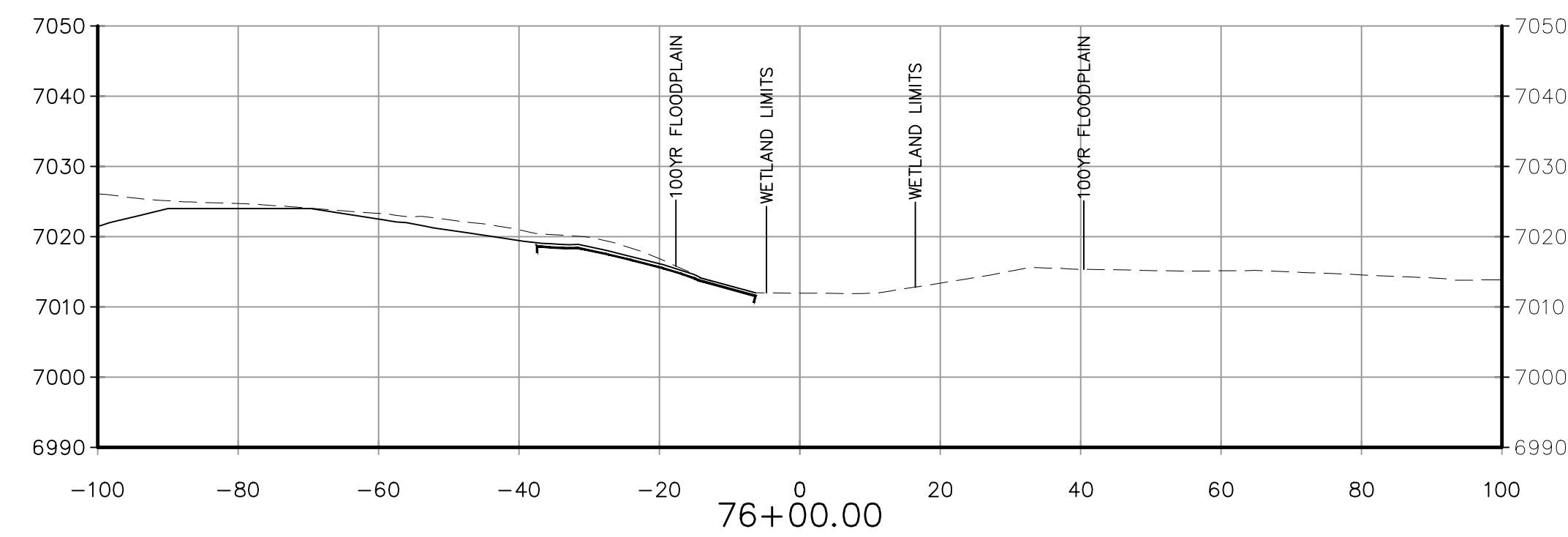
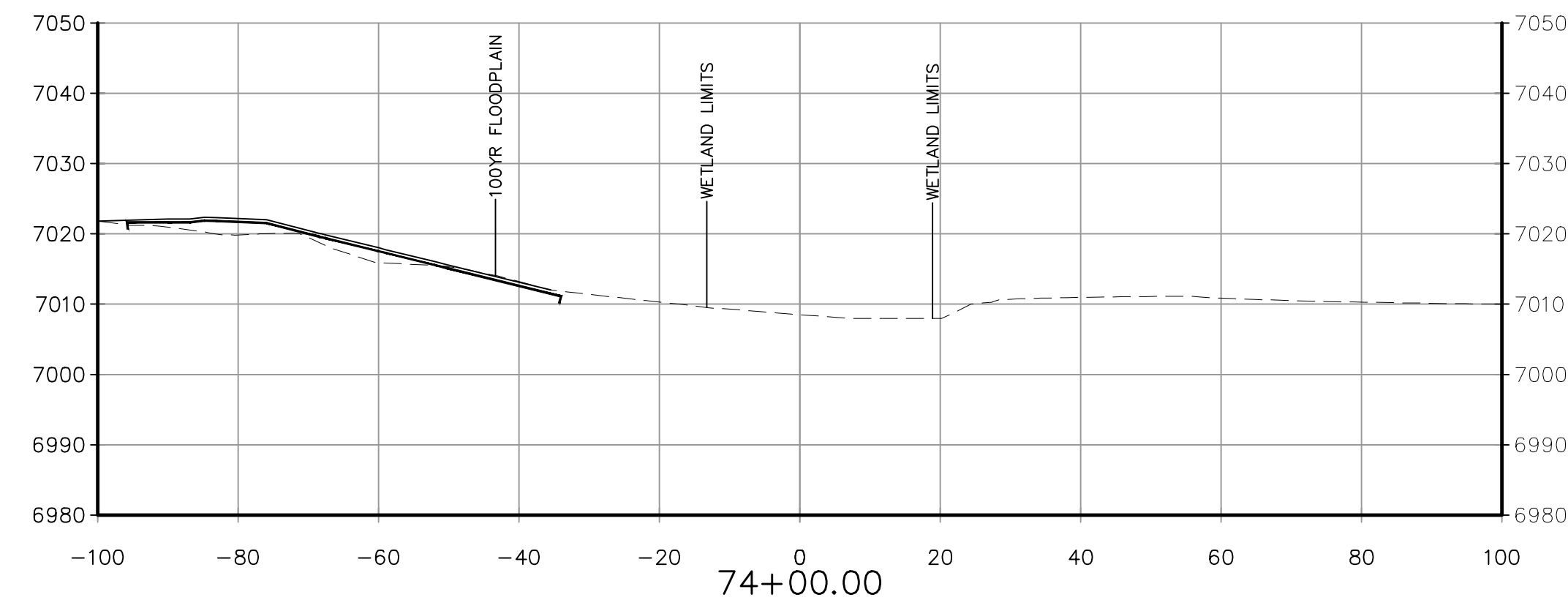
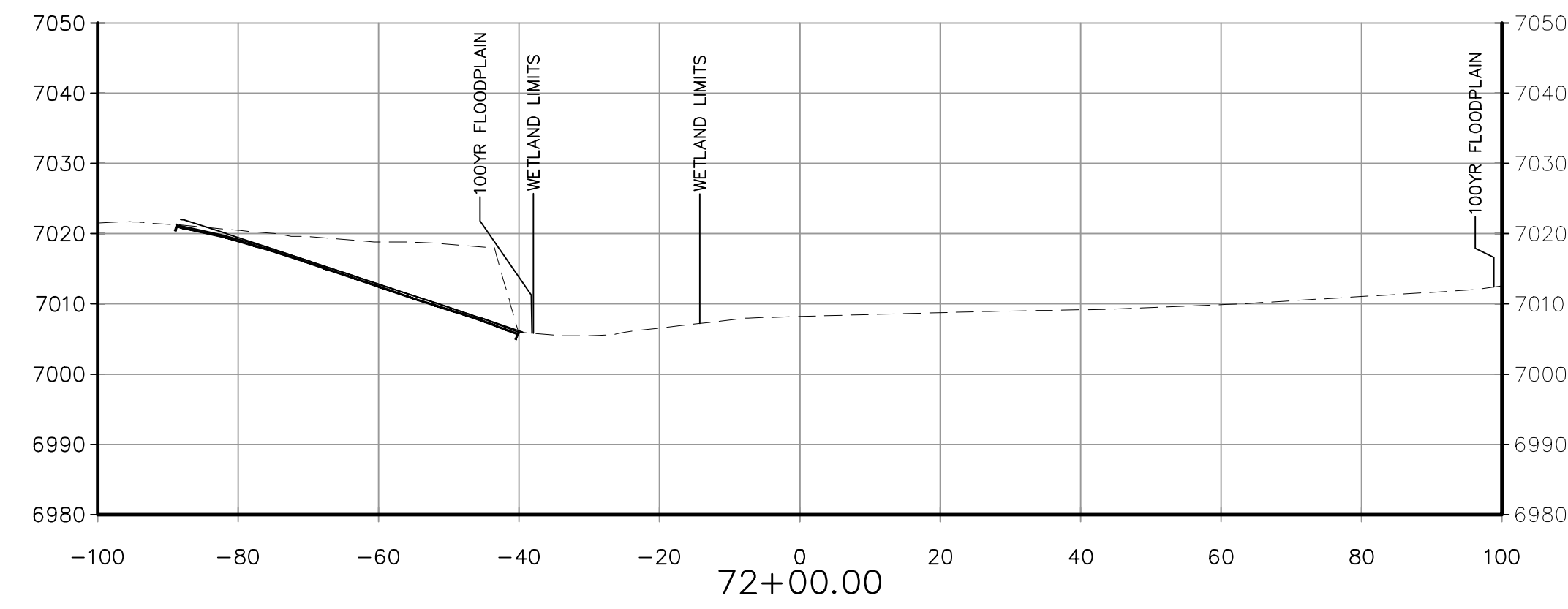
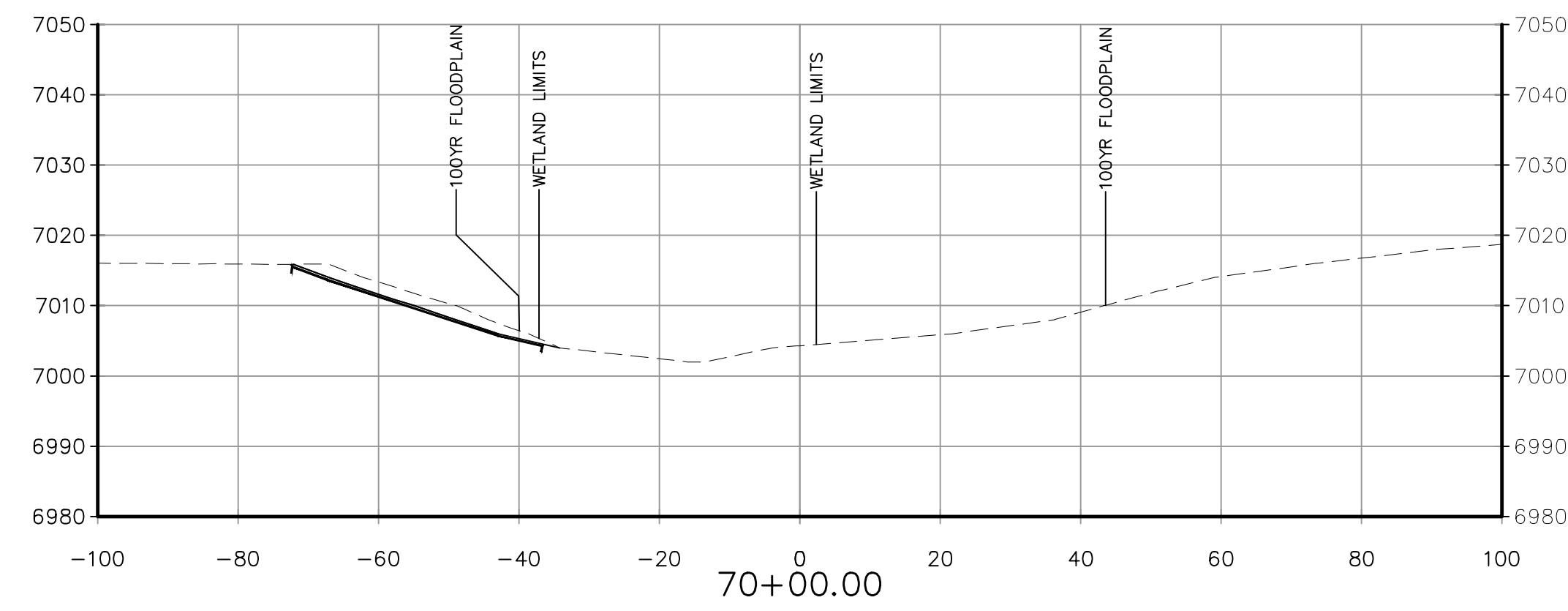
BRANDING IRON AT SR FILING NO. 2		SAND CREEK BANK STABILIZATION PLANS		DATE: 05/06/2020		SHEET 4 OF 7		GR04	
PROJECT NO. 09-012		DESIGNED BY: VAS		SCALE: HORIZONTAL: N/A		VERTICAL: N/A		DRAWN BY: ELY	
FOR AND ON BEHALF OF M&S CIVIL CONSULTANTS, INC.		APPROVED BY: DATE:		FOR LOCATING & MARKING GAS, ELECTRIC, WATER & TELEPHONE LINES		FOR BURIED UTILITY INFORMATION 48 HRS BEFORE YOU DIG CALL 1-800-922-1987		CAUTION	
VIRGIL A. SANCHEZ, COLORADO P.E. NO. 37160		BY: DESCRIPTION:		NO. DATE:		NO. DATE:		NO. DATE:	

102 E. Pikes Peak Ave., 5th Floor
Colorado Springs, CO 80903
PHONE: 719.555.5485

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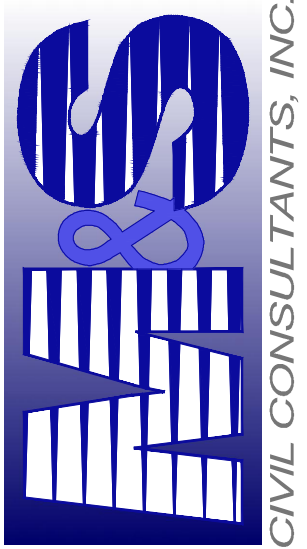


LEGEND



——— EROSION CONTROL MAT
 - - - - EXISTING GROUND
 ——— PROPOSED FINISH GRADE

102 E. PIKES PEAK AVE., 5TH FLOOR
COLORADO SPRINGS, CO 80903
PHONE: 719.955.5485



VIRGIL A. SANCHEZ, COLORADO P.E. NO. 37160

FOR AND ON
BEHALF OF
M&S CIVIL
CONSULTANTS,
INC.

[illegible]

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BRANDING IRON AT SR FILING NO. 2

SAND CREEK BANK STABILIZATION PLANS

PROJECT NO. 09-012

SCALE:	DATE: 02/06/2020
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PROJECT NO. 09-012

DATE: 02/06/2020

GR05

