

GEC INDEX SHEET

SCALE: 1" = 400'

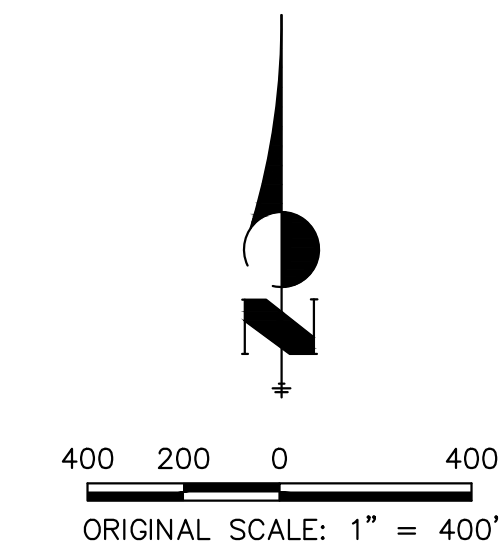


BENCHMARK

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

BASIS OF BEARINGS

THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE 6TH P.M. AS MONUMENTED AT THE SOUTHWEST CORNER OF SAID BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624" AND AT THE SOUTEAST CORNER OF SAID SOUTHWEST QUARTER BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624", SAID LINE BEARS N89°14'14"E, A DISTANCE OF 2,722.69 FEET.



OWNER/DEVELOPER STATEMENT

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN AND ALL OF THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

James F. Morley 4/18/2023
JAMES F. MORLEY DATE

SR LAND, LLC
20 BOULDER CRESCENT, SUITE 201
COLORADO SPRINGS, CO 80903

ENGINEER'S STATEMENT

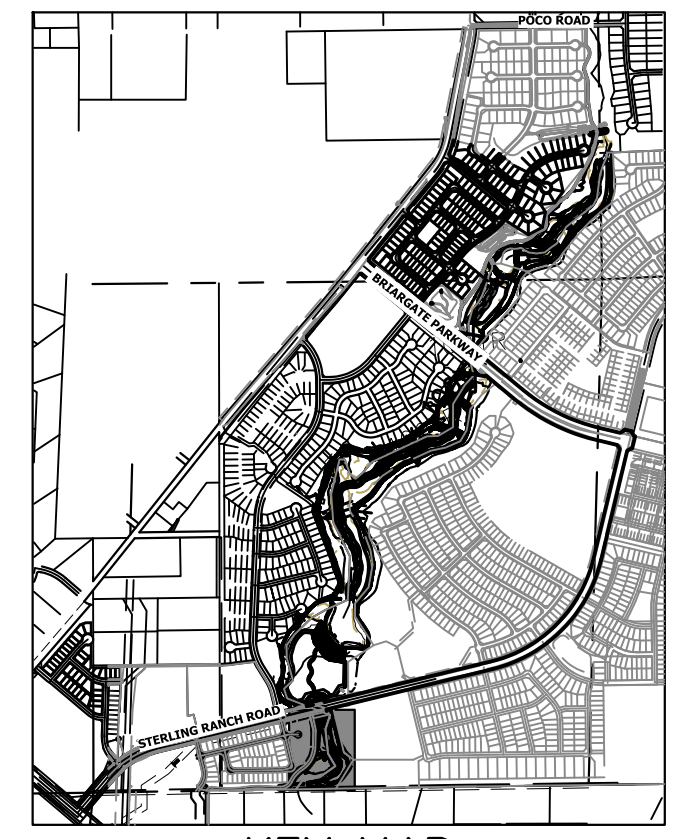
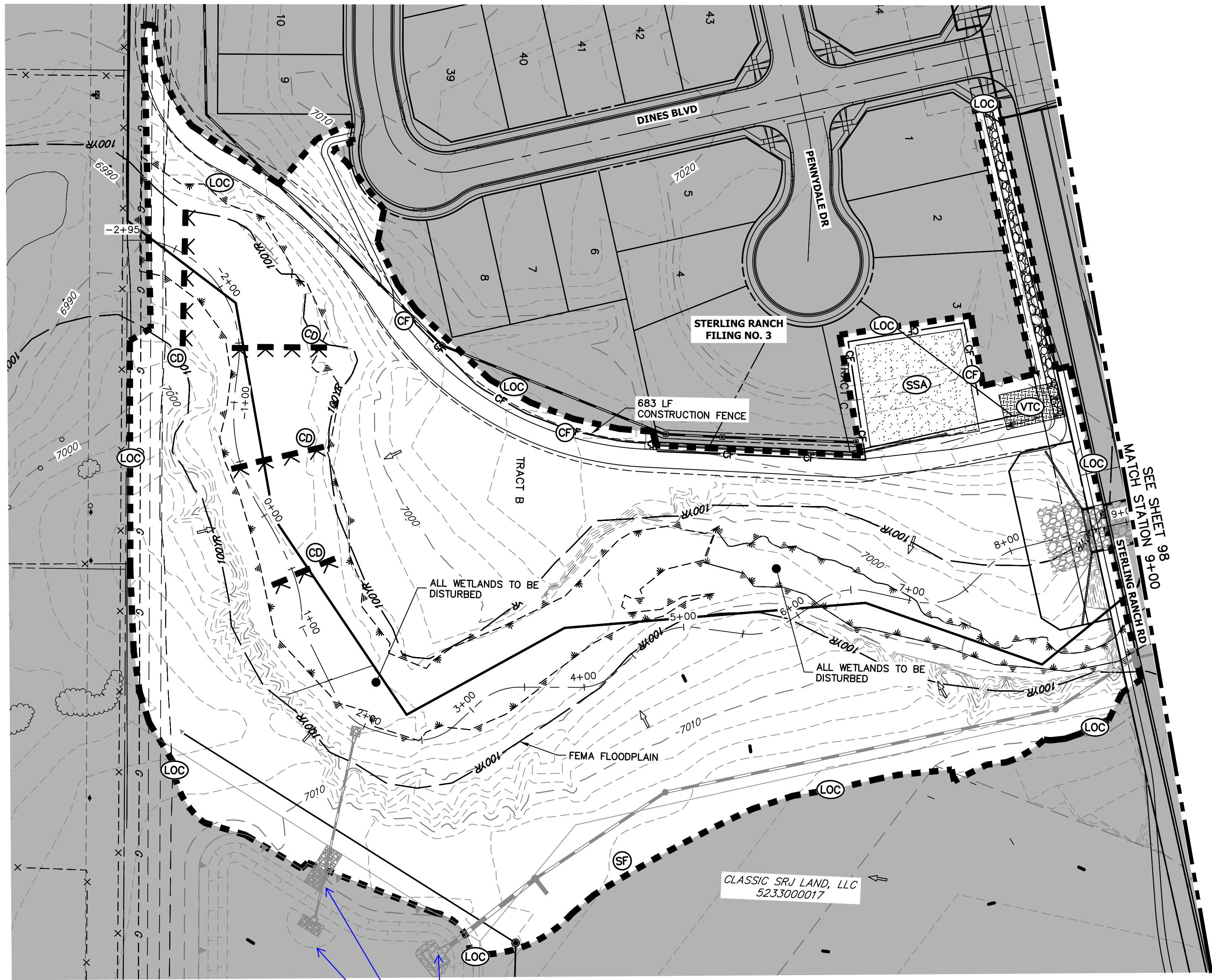
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Mike Bramlett 7/18/23
MIKE A. BRAMLETT, P.E.
COLORADO P.E. 32314 DATE
FOR AND ON BEHALF OF JR ENGINEERING

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEERING APPROVES THEIR USE DESIGNATED BY WRITTEN AUTHORIZATION.	PREPARED FOR	SR LAND, LLC 20 BOULDER CRESCENT 2ND FLOOR COLORADO SPRINGS, CO 80903 JAMES F. MORLEY (719) 419-3024
	DESIGNED BY	JR ENGINEERING A Westman Company Central 303-740-9888 • Colorado Springs 719-583-2583 Fort Collins 970-491-9888 • www.jrengineering.com
BY	DATE	
No.	REVISION	
H-SCALE	1"=400'	N/A
V-SCALE		
DATE	7/18/23	DJV
DESIGNED BY		WLL
DRAWN BY		
CHECKED BY		
SAND CREEK RESTORATION	GEC PLANS	
SHEET 96	OF 121	
JOB NO.	25188.04	



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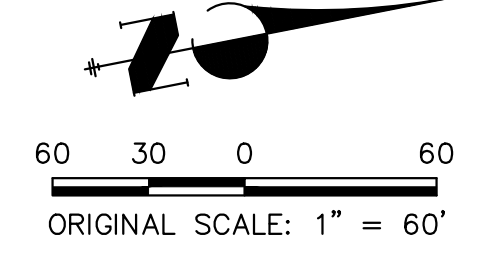
PREPARED FOR
SR LAND, LLC
 20 BOULDER CRESCENT
 2ND FLOOR
 COLORADO SPRINGS, CO 80903
 JAMES F. MORLEY
 (719) 419-3024

J.R. ENGINEERING
 A Westman Company
 Centennial 303-740-8888 • Colorado Springs 719-588-2683
 Fort Collins 970-491-9888 • www.jrengineering.com

Unresolved: Label facilities

TOTAL INITIAL PHASE SUMMARY OF APPROXIMATE QUANTITIES

2681	LF	-	SILT FENCE (SF)
18900	LF	-	CONSTRUCTION FENCE (CF)
4	EA	-	CHECK DAMS (CD)
4	LS	-	STABILIZED STAGING AREA (SSA)
4	LS	-	VEHICLE TRACKING CONTROL (VTC)



LEGEND

EXISTING CONTOUR	PROPOSED CONTOUR	REINFORCED ROCK BERM FOR CULVERT PROTECTION (RRB)	DEWATERING (DW)
EXISTING PROPERTY LINE	LIMITS OF CONSTRUCTION (LOC)	SEDIMENT CONTROL LOG (SCL)	TEMPORARY SEDIMENTATION BASIN (SB)
EXISTING RIGHT OF WAY LINE	DRAINAGE SWALE (DS)	PERMANENT SEEDING AND MULCHING - NATIVE REVEGETATION SEED MIX (SM)	CHECK DAM (CD)
EXISTING EASEMENT	CONSTRUCTION FENCE (CF)	WETLANDS TO REMAIN	SURFACE ROUGHENING (SR)
SECTION LINE	CONSTRUCTION FENCE (CF)	PERMANENT LANDSCAPING (LS)	
EXISTING STORM SEWER	SILT FENCE (SF)	GEOTEXTILE (ECB)	
EXISTING CURB & GUTTER	VEHICLE TRACKING CONTROL (VTC)	COIR MATTING (ECB)	
PROPOSED RIGHT OF WAY LINE	VEHICLE TRACKING CONTROL (VTC)		
PROPOSED EASEMENT	STABILIZED STAGING AREA (SSA)		
PROPOSED STORM SEWER	STABILIZED STAGING AREA (SSA)		
PROPOSED CURB & GUTTER	CONCRETE WASHOUT AREA (CWA)		
PROPOSED TOP OF SLOPE	CONCRETE WASHOUT AREA (CWA)		
PROPOSED TOE OF SLOPE	CONCRETE WASHOUT AREA (CWA)		
EXISTING DRAINAGE ARROW	STOCK PILE (SP)		
PROPOSED DRAINAGE ARROW	TEMP DRAINAGE CHANNEL		

BASIS OF BEARINGS
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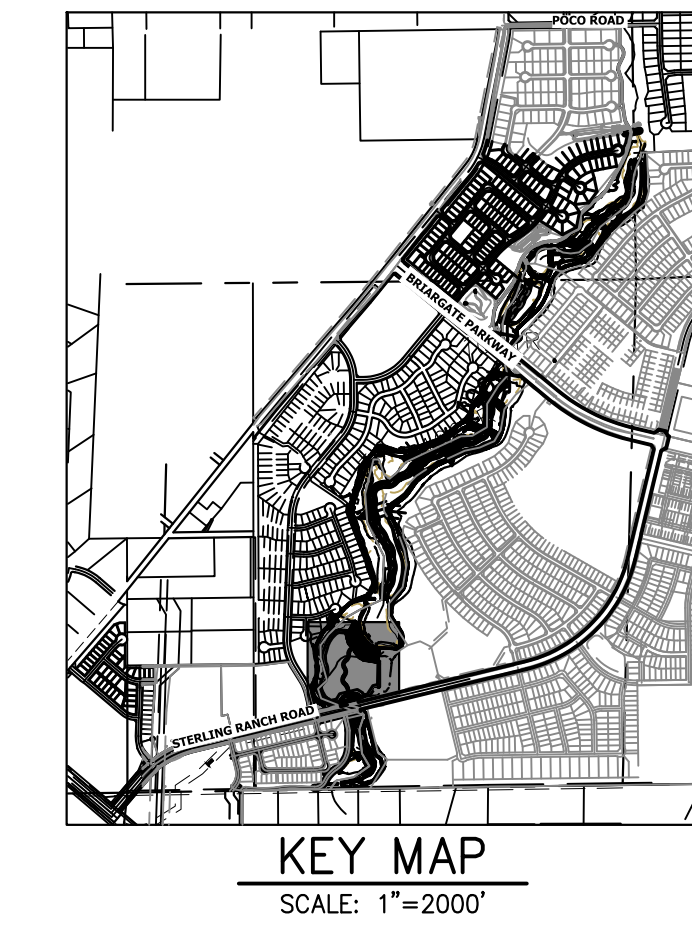
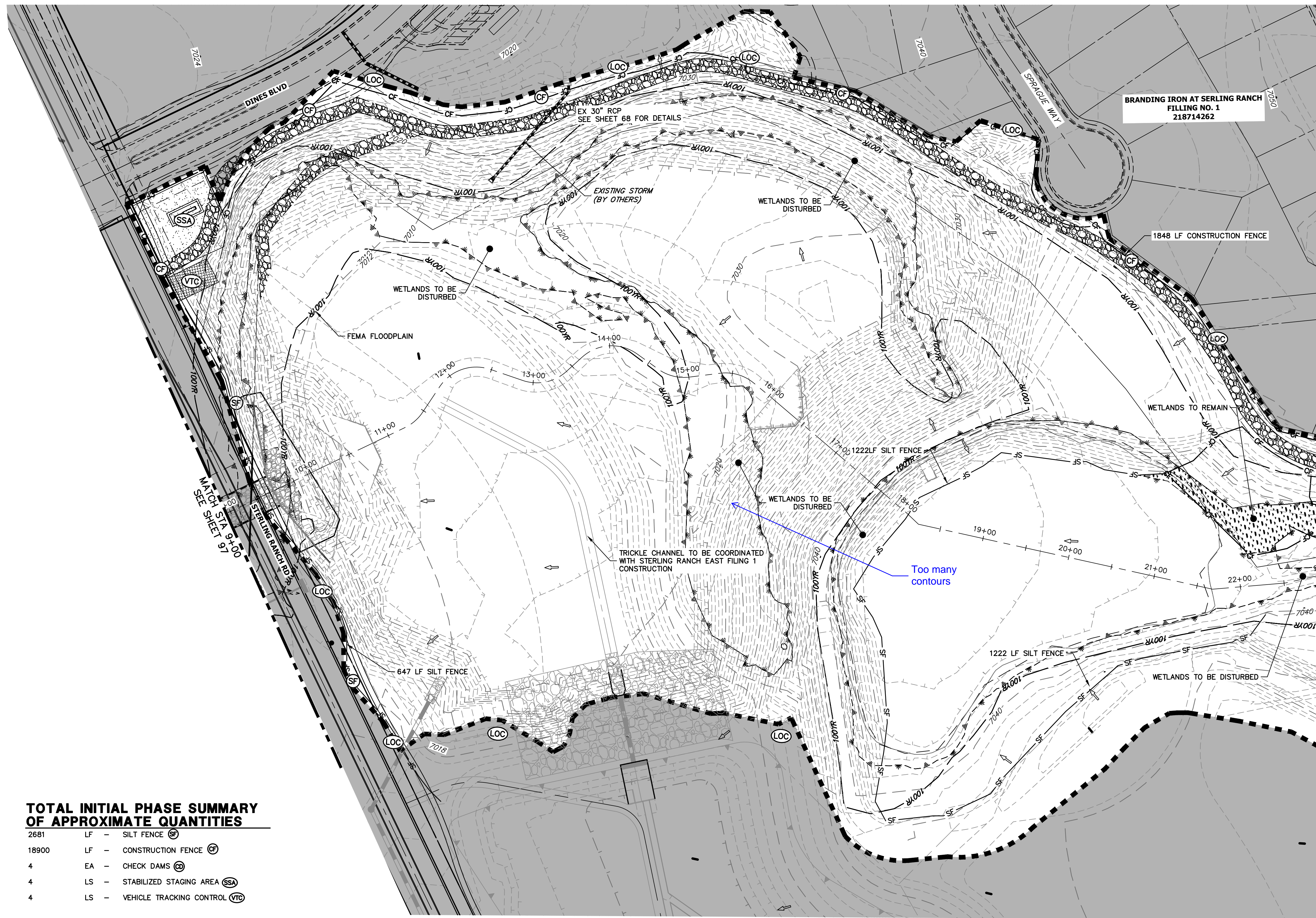
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Mike Bramlett
 MIKE A. BRAMLETT, P.E.
 COLORADO P.E. 32314
 FOR AND ON BEHALF OF JR ENGINEERING, INC.

32314
 7/18/23

SAND CREEK RESTORATION	GEC INITIAL	BY	DATE	No.	REVISION
		H-SCALE	1"=60'		
		V-SCALE	N/A		
		DATE	7/18/23		
		DESIGNED BY	DJV		
		DRAWN BY	WLL		
		CHECKED BY			
		SHEET	97	OF	121
		JOB NO.	25188.04		



TOTAL INITIAL PHASE SUMMARY OF APPROXIMATE QUANTITIES

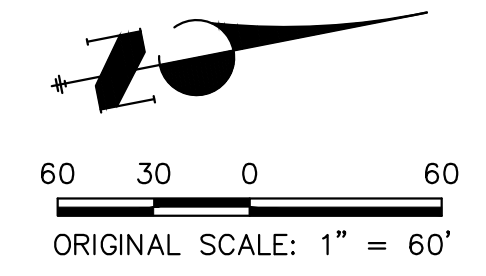
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LEGEND

EXISTING CONTOUR	PROPOSED CONTOUR	REINFORCED ROCK BERM FOR CULVERT PROTECTION (RRB)	DEWATERING (DW)
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EXISTING EASEMENT	CONSTRUCTION FENCE (CF)	WETLANDS TO REMAIN	SURFACE ROUGHENING (SR)
SECTION LINE	SILT FENCE (SF)	PERMANENT LANDSCAPING (LS)	
EXISTING STORM SEWER	VEHICLE TRACKING CONTROL (VTC)	GEOTEXTILE (ECB)	
EXISTING CURB & GUTTER	STABILIZED STAGING AREA (SSA)	COIR MATTING (ECB)	
PROPOSED RIGHT OF WAY LINE	CONCRETE WASHOUT AREA (CWA)		
PROPOSED EASEMENT	STOCK PILE (SP)		
PROPOSED STORM SEWER	TEMP DRAINAGE CHANNEL		
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PROPOSED TOP OF SLOPE			
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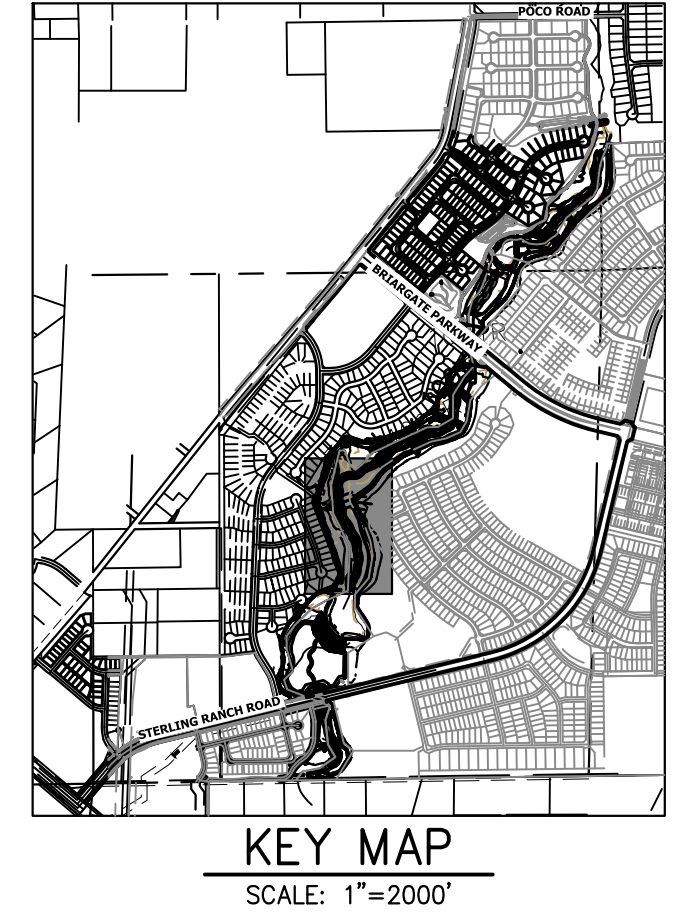
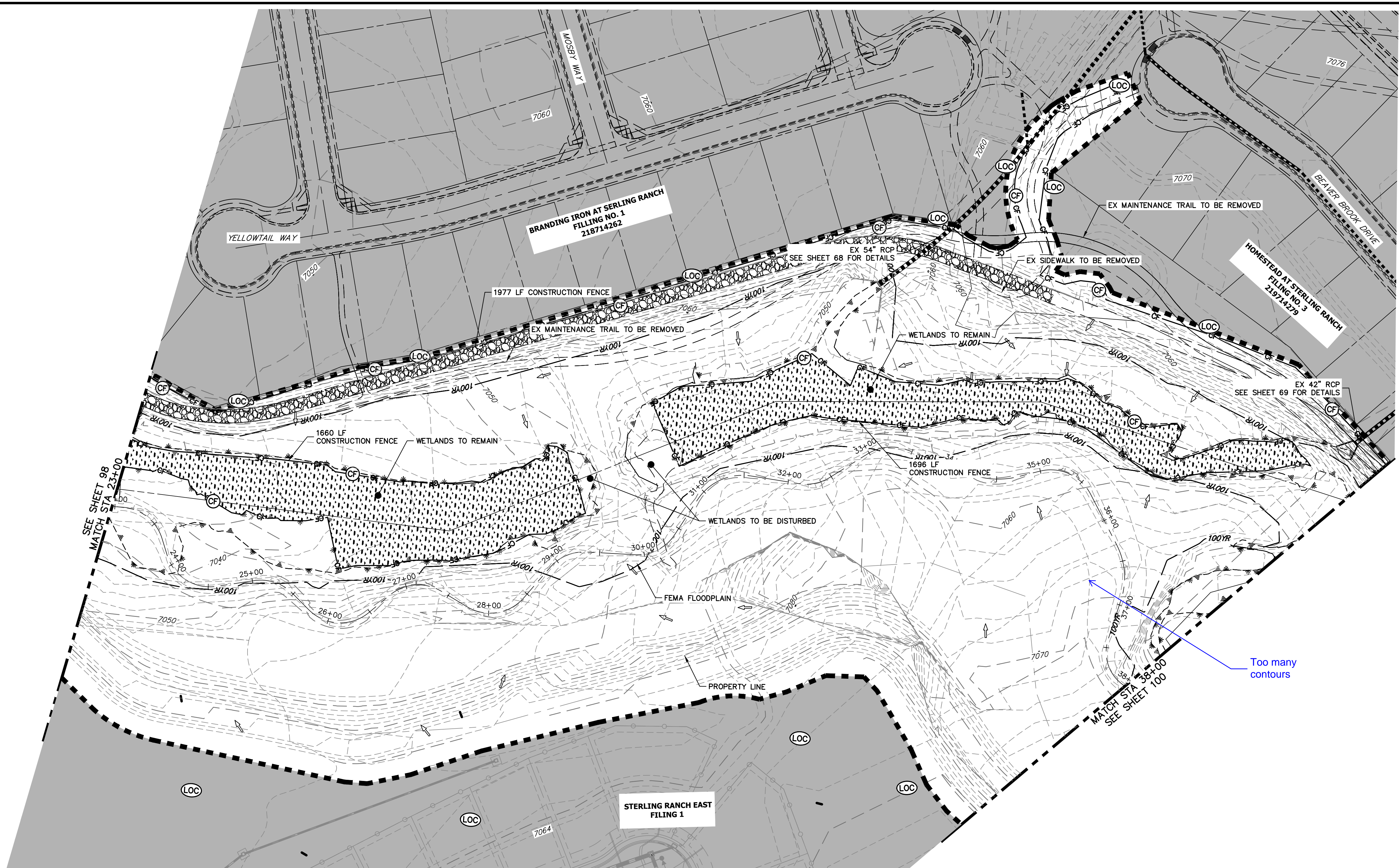
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Mike Bramlett
 MIKE A. BRAMLETT, P.E.
 COLORADO P.E. 32314
 FOR AND ON BEHALF OF JR ENGINEERING

DATE: 7/18/23



PREPARED FOR	SR LAND, LLC 20 BOULDER CRESCENT 2ND FLOOR COLORADO SPRINGS, CO 80903 JAMES F. MORLEY (719) 419-3024	
	 J.R. ENGINEERING A Westman Company Centennial 303-740-9888 • Colorado Springs 719-583-2683 Fort Collins 970-491-9888 • www.jrengineering.com	
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H-SCALE	1"=60'	
V-SCALE	N/A	
DESIGNED BY	DATE	7/18/23
DRAWN BY	DIV	DJV
CHECKED BY	WUL	
SAND CREEK RESTORATION	GEC INITIAL	
SHEET 98	OF 121	
JOB NO.	25188.04	



PREPARED FOR
SR LAND, LLC
 20 BOULDER CRESCENT
 2ND FLOOR
 COLORADO SPRINGS, CO 80903
 JAMES F. MORLEY
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BY	DATE	No.	REVISION

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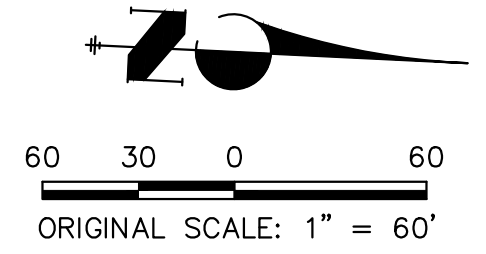
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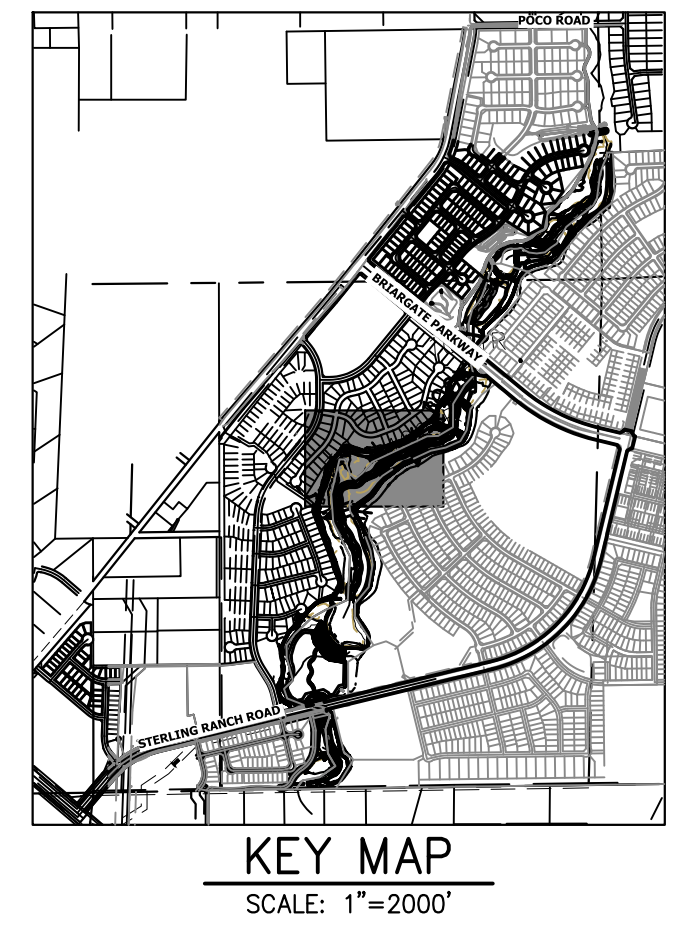
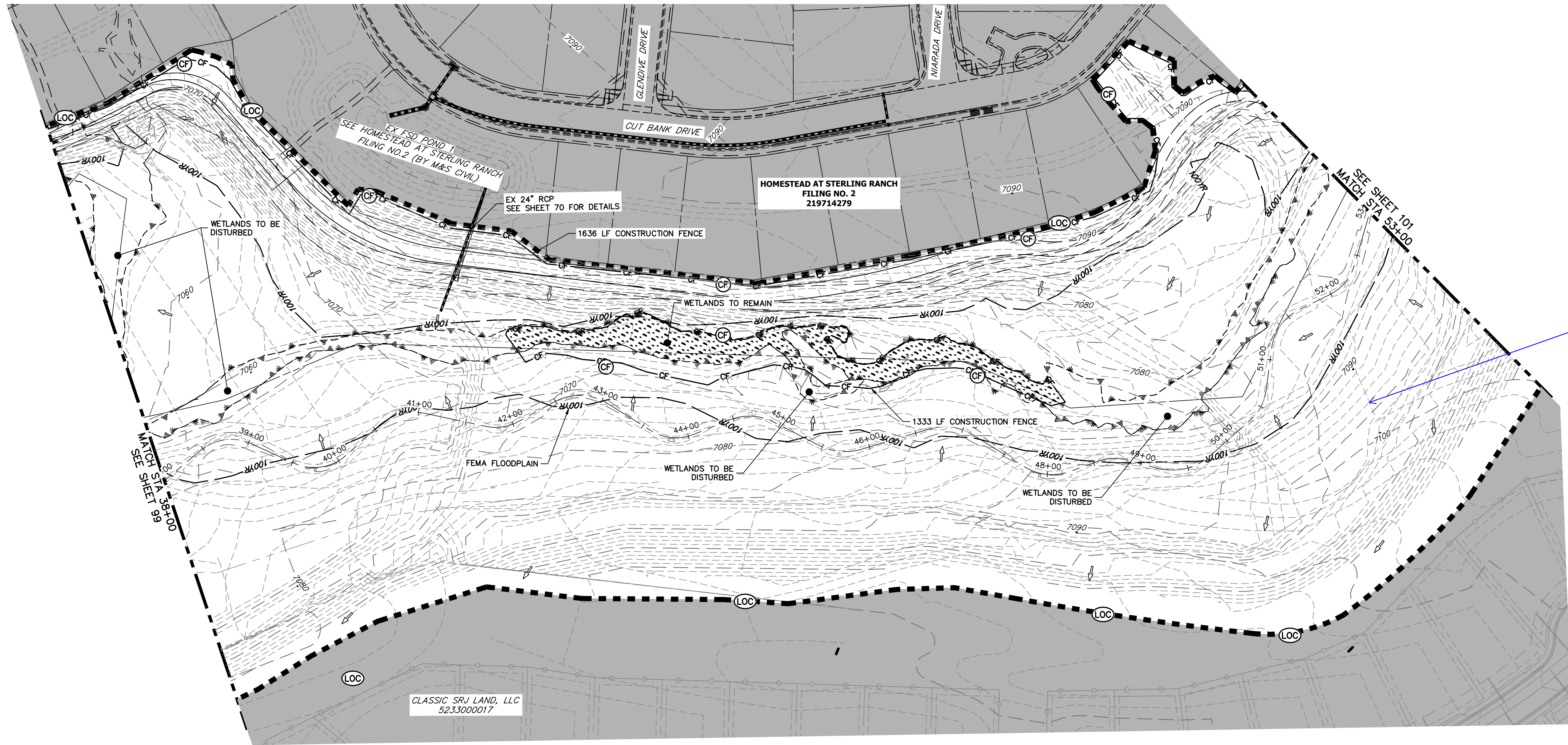
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Mike Bramlett
 MIKE A. BRAMLETT, P.E.
 COLORADO P.E. 32314
 FOR AND ON BEHALF OF JR ENGINEERING, INC.

32314
 7/18/23

SAND CREEK RESTORATION	GEC INITIAL
SHEET 99 OF 121	JOB NO. 25188.04



Too many contours

LEGEND

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EXISTING PROPERTY LINE	LIMITS OF CONSTRUCTION	SEDIMENT CONTROL LOG	SCL	TEMPORARY SEDIMENTATION BASIN	SB
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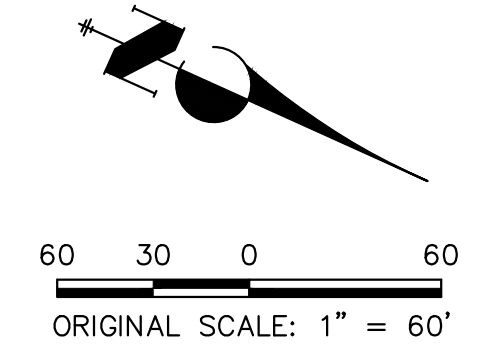
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 DATE 7/18/23

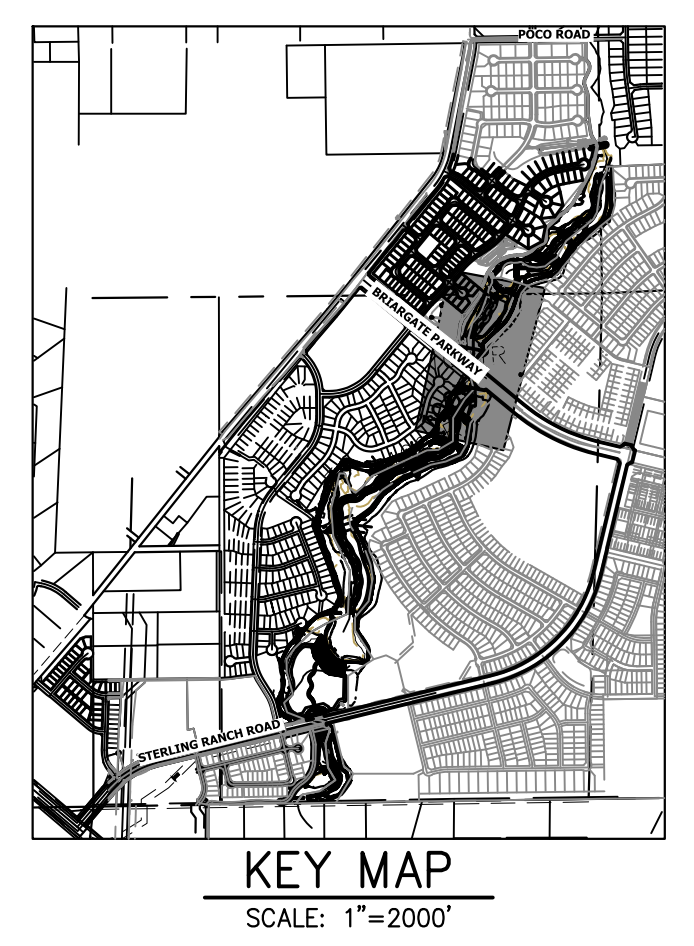
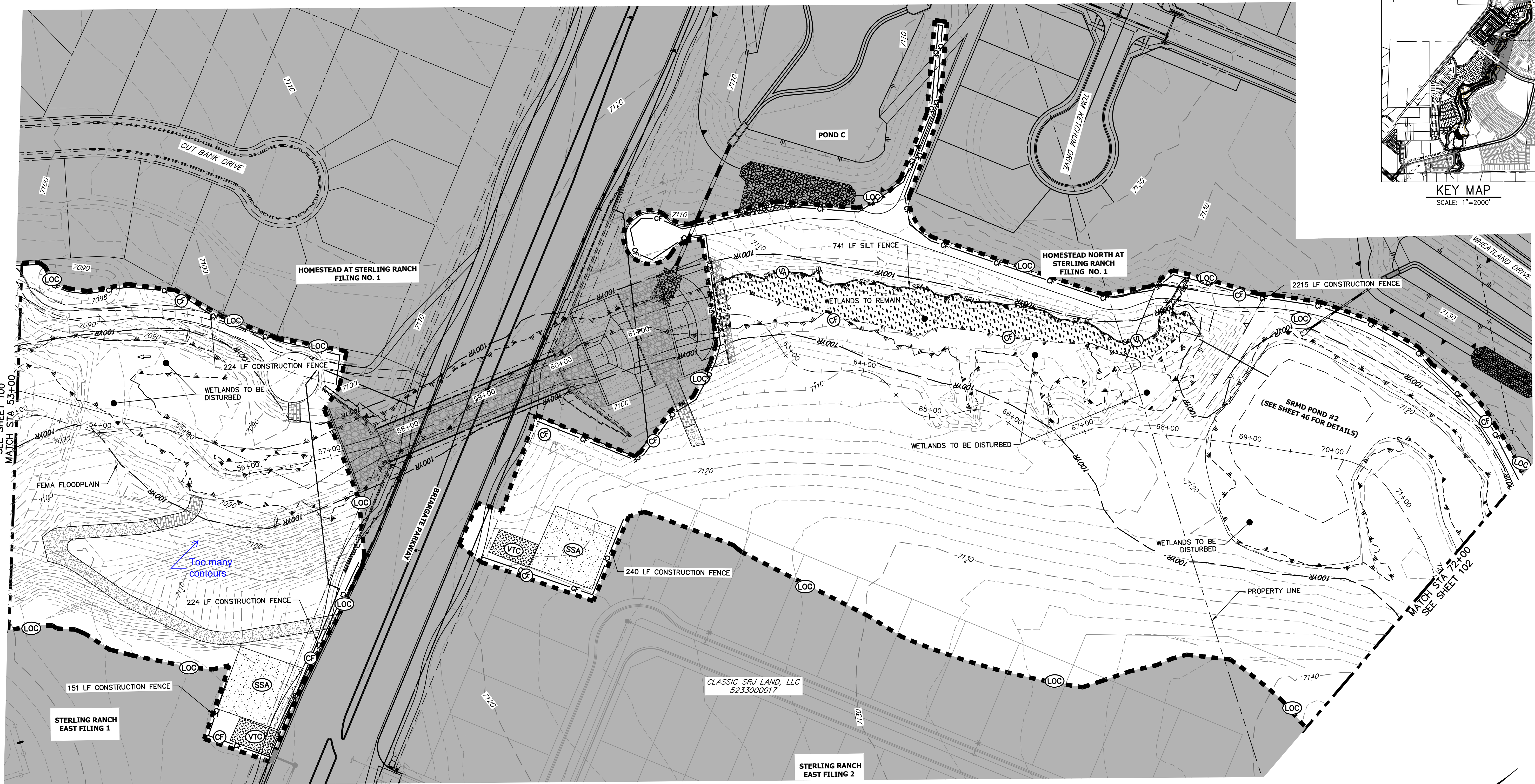
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 SR LAND, LLC
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 JAMES F. MORLEY
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BY	DATE	REVISION

H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
1"=60'	N/A	7/18/23	DJV	WLL	

SAND CREEK RESTORATION	GEC INITIAL
SHEET 100 OF 121	JOB NO. 25188.04



UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, OR ENGINEERING APPROVES THEIR USE, THESE DRAWINGS ARE DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR
SR LAND, LLC
 20 BOULDER CRESCENT
 2ND FLOOR
 COLORADO SPRINGS, CO 80903
 JAMES F. MORLEY
 (719) 419-3024

J.R. ENGINEERING
 A Westman Company
 Central 300-740-9888 • Colorado Springs 719-583-2583
 Fort Collins 970-491-9888 • www.jrengineering.com

LEGEND

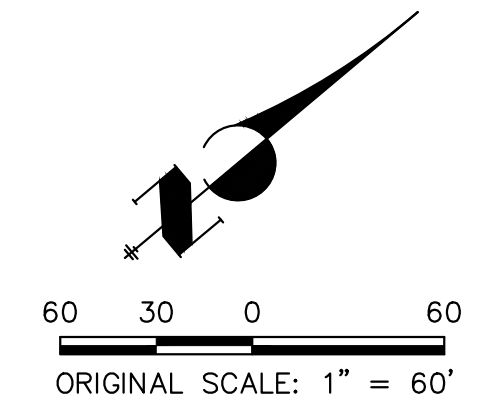
EXISTING CONTOUR	PROPOSED CONTOUR	REINFORCED ROCK BERM FOR CULVERT PROTECTION	DEWATERING
EXISTING PROPERTY LINE	LIMITS OF CONSTRUCTION	SEDIMENT CONTROL LOG	TEMPORARY SEDIMENTATION BASIN
EXISTING RIGHT OF WAY LINE	DRAINAGE SWALE	PERMANENT SEEDING AND MULCHING - NATIVE REVEGETATION SEED MIX	CHECK DAM
EXISTING EASEMENT	CONSTRUCTION FENCE	WETLANDS TO REMAIN	SURFACE ROUGHENING
SECTION LINE	SILT FENCE	PERMANENT LANDSCAPING	
EXISTING STORM SEWER	VEHICLE TRACKING CONTROL	GEOTEXTILE	
EXISTING CURB & GUTTER	STABILIZED STAGING AREA	COIR MATTING	
PROPOSED RIGHT OF WAY LINE	CONCRETE WASHOUT AREA		
PROPOSED EASEMENT	STOCK PILE		
PROPOSED STORM SEWER	TEMP DRAINAGE CHANNEL		
PROPOSED CURB & GUTTER			
PROPOSED TOP OF SLOPE			
PROPOSED TOE OF SLOPE			
EXISTING DRAINAGE ARROW			
PROPOSED DRAINAGE ARROW			

BASIS OF BEARINGS
 THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE 6TH P.M. AS MONUMENTED AT THE SOUTHWEST CORNER OF SAID BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624" AND AT THE SOUTHEAST CORNER OF SAID SOUTHWEST QUARTER BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624", SAID LINE BEARS N89°14'14"E, A DISTANCE OF 2,722.69 FEET.

TOTAL INITIAL PHASE SUMMARY OF APPROXIMATE QUANTITIES

2681	LF - SILT FENCE
18900	LF - CONSTRUCTION FENCE
4	EA - CHECK DAMS
4	LS - STABILIZED STAGING AREA
4	LS - VEHICLE TRACKING CONTROL

- BENCHMARK**
- THE TOP OF AN ALUMINUM SURVEYORS CAP, STAMPED "9863", AT THE SOUTHEAST BOUNDARY CORNER OF BARBARICK SUBDIVISION
 NORTHING = 411416.273
 EASTING = 235167.071
 ELEVATION = 7023.42
 - THE TOP OF A RED PLASTIC SURVEYORS CAP, ILLEGIBLE, AT THE NORTHWEST BOUNDARY CORNER OF PANNEE RANCHEROS SUBDIVISION
 NORTHING = 410095.404
 EASTING = 235052.131
 ELEVATION = 7000.40
 - 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



ENGINEER'S STATEMENT

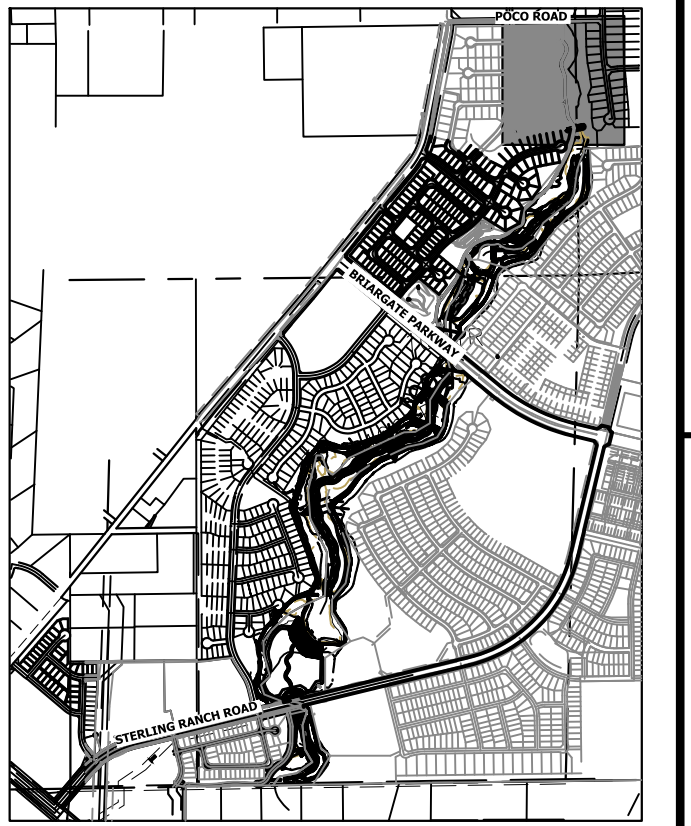
THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

Mike Bramlett
 MIKE A. BRAMLETT, P.E.
 COLORADO P.E. 32314
 FOR AND ON BEHALF OF JR ENGINEERING

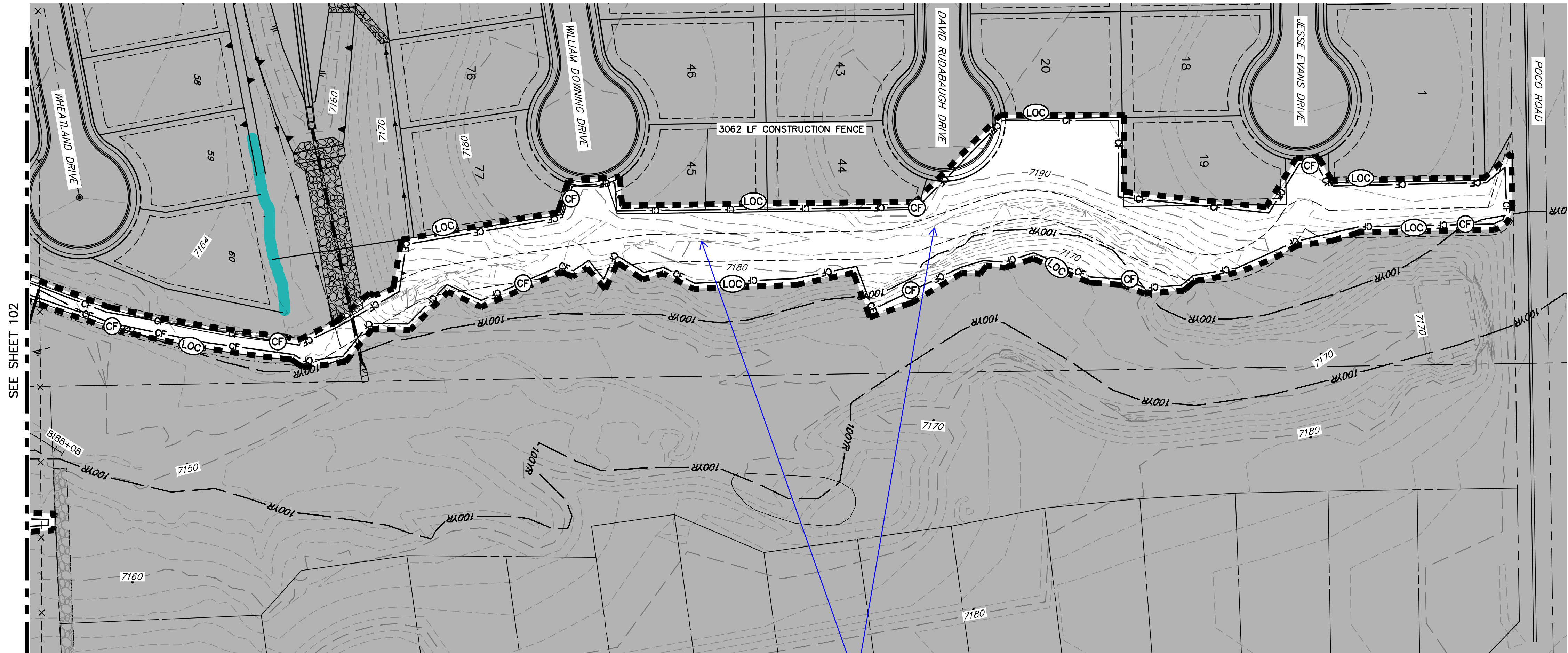
32314
 7/18/23

SAND CREEK RESTORATION	GEC INITIAL	DESIGNED BY	DJV
		DRAWN BY	WLL
SHEET 101 OF 121		DATE	7/18/23
JOB NO. 25188.04		BY	
		DATE	
		REVISION	
		No.	
		1"=60'	N/A
		V-SCALE	7/18/23

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KEY MAP
SCALE: 1"=2000'



Check contours

TOTAL INITIAL PHASE SUMMARY OF APPROXIMATE QUANTITIES

2681	LF	-	SILT FENCE (SF)
18900	EA	-	CONSTRUCTION FENCE (CF)
4	EA	-	CHECK DAMS (CD)
4	LS	-	STABILIZED STAGING AREA (SSA)
4	LS	-	VEHICLE TRACKING CONTROL (VTC)

BENCHMARK

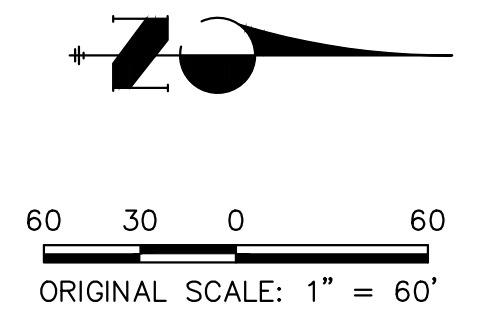
1. THE TOP OF AN ALUMINUM SURVEYORS CAP, STAMPED "9853", AT THE SOUTHEAST BOUNDARY CORNER OF BARBARICK SUBDIVISION
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ELEVATION = 7023.42
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ELEVATION = 7030.82

BASIS OF BEARINGS

THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE 6TH P.M. AS MONUMENTED AT THE SOUTHWEST CORNER OF SAID BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624" AND AT THE SOUTHEAST CORNER OF SAID SOUTHWEST QUARTER BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624", SAID LINE BEARS N89°14'14"E, A DISTANCE OF 2,722.69 FEET.

LEGEND

EXISTING CONTOUR	PROPOSED CONTOUR	REINFORCED ROCK BERM FOR CULVERT PROTECTION (RRB)	DEWATERING (DW)
EXISTING PROPERTY LINE	LIMITS OF CONSTRUCTION (LOC)	SEDIMENT CONTROL LOG (SCL)	TEMPORARY SEDIMENTATION BASIN (SB)
EXISTING RIGHT OF WAY LINE	DRAINAGE SWALE (DS)	PERMANENT SEEDING AND MULCHING - NATIVE REVEGETATION SEED MIX (SM)	CHECK DAM (CD)
EXISTING EASEMENT	CONSTRUCTION FENCE (CF)	WETLANDS TO REMAIN	SURFACE ROUGHENING (SR)
SECTION LINE	SILT FENCE (SF)	PERMANENT LANDSCAPING (LS)	
EXISTING STORM SEWER	VEHICLE TRACKING CONTROL (VTC)	GEOTEXTILE (ECB)	
EXISTING CURB & GUTTER	STABILIZED STAGING AREA (SSA)	COIR MATTING (ECB)	
PROPOSED RIGHT OF WAY LINE	CONCRETE WASHOUT AREA (CWA)		
PROPOSED EASEMENT	STOCK PILE (SP)		
PROPOSED STORM SEWER	TEMP DRAINAGE CHANNEL		
PROPOSED CURB & GUTTER			
PROPOSED TOP OF SLOPE			
PROPOSED TOE OF SLOPE			
EXISTING DRAINAGE ARROW			
PROPOSED DRAINAGE ARROW			



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PREPARED FOR
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No.	REVISION	BY	DATE

H-SCALE	1"=60'
V-SCALE	N/A
DATE	7/18/23
DESIGNED BY	DJV
DRAWN BY	WLL
CHECKED BY	

SAND CREEK RESTORATION	GEC INITIAL	SHEET 103 OF 121
		JOB NO. 25188.04

ENGINEER'S STATEMENT

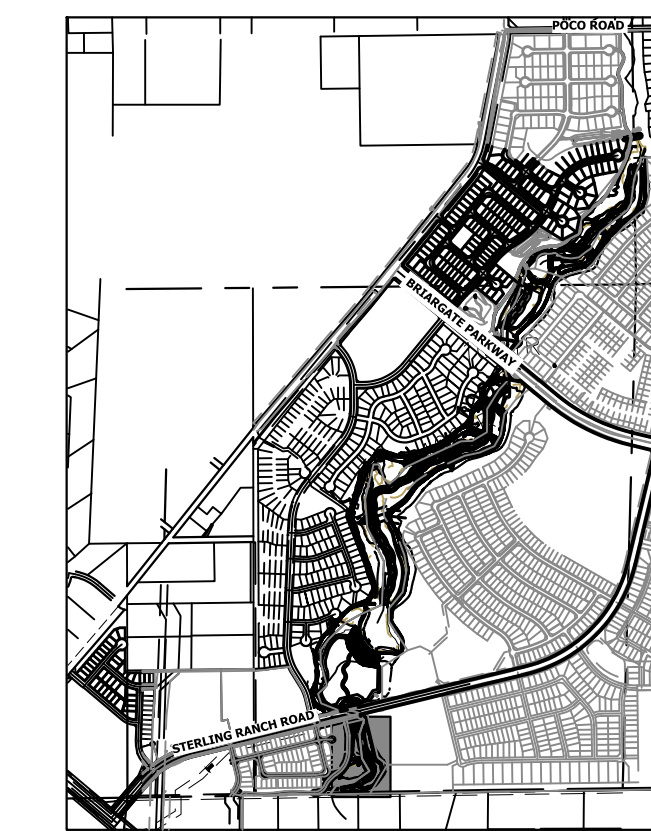
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Mike Bramlett
MIKE A. BRAMLETT, P.E.
COLORADO P.E. 32314
FOR AND ON BEHALF OF JR ENGINEERING

32314
7/18/23



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TOTAL INTERIM PHASE SUMMARY OF APPROXIMATE QUANTITIES

9	EA	-	REINFORCED ROCK BERM FOR CULVERT PROTECTION	(RRB)
3	EA	-	CONCRETE WASHOUT AREA	(CWA)
15	EA	-	CHECK DAMS	(CD)
1990	LF	-	SEDIMENT CONTROL LOGS	(SCL)
1	EA	-	TEMPORARY SEDIMENT BASIN	(SB)

LEGEND

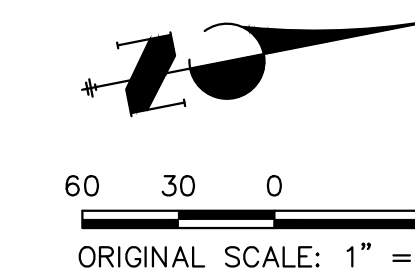
EXISTING CONTOUR	PROPOSED CONTOUR	REINFORCED ROCK BERM FOR CULVERT PROTECTION	(RRB)	DEWATERING	(DW)
EXISTING PROPERTY LINE	LIMITS OF CONSTRUCTION	SEDIMENT CONTROL LOG	(SCL)	TEMPORARY SEDIMENT BASIN	(SB)
EXISTING RIGHT OF WAY LINE	DRAINAGE SWALE	PERMANENT SEEDING AND MULCHING - NATIVE REVEGETATION SEED MIX	(SM)	CHECK DAM	(CD)
EXISTING EASEMENT	CONSTRUCTION FENCE	WETLANDS TO REMAIN	(LS)	SURFACE ROUGHENING	(SR)
SECTION LINE	VEHICLE TRACKING CONTROL	PERMANENT LANDSCAPING	(LS)		
EXISTING STORM SEWER	STABILIZED STAGING AREA	GEOTEXTILE	(ECB)		
EXISTING CURB & GUTTER	CONCRETE WASHOUT AREA	COIR MATTING	(ECB)		
PROPOSED RIGHT OF WAY LINE	STOCK PILE				
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PROPOSED TOP OF SLOPE					
PROPOSED TOE OF SLOPE					
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BASIS OF BEARINGS

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BENCHMARK

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ELEVATION = 7000.40
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ENGINEER'S STATEMENT

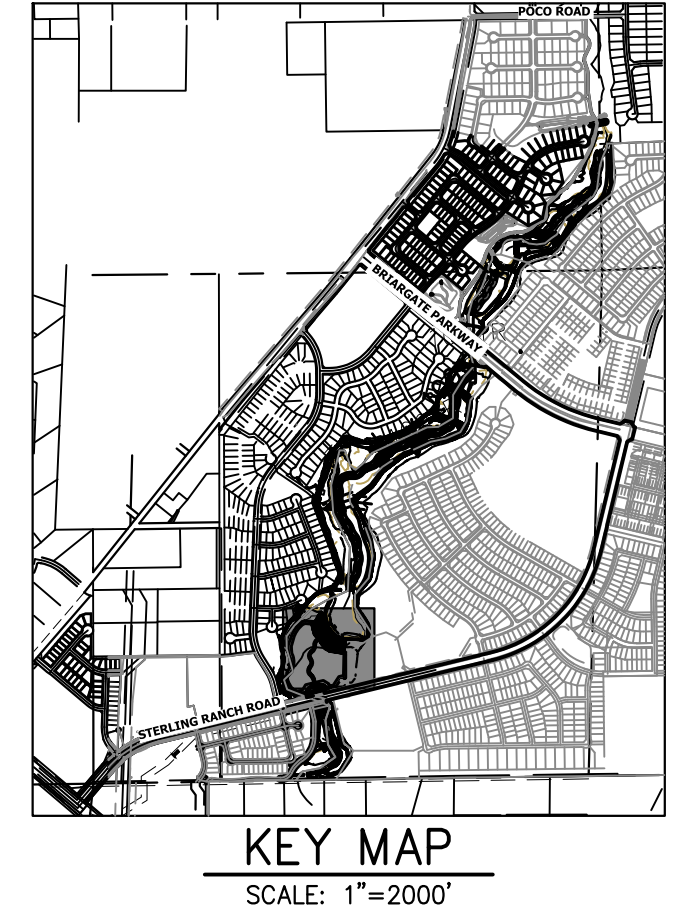
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Mike Bramlett
MIKE A. BRAMLETT, P.E.
COLORADO P.E. 32314
FOR AND ON BEHALF OF JR ENGINEERING

32314
7/18/23



PREPARED FOR	SR LAND, LLC 20 BOULDER CRESCENT 2ND FLOOR COLORADO SPRINGS, CO 80903 JAMES F. MORLEY (719) 419-3024	
	UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, OR ENGINEERING APPROVES THEIR USE, THESE DRAWINGS ARE DESIGNATED BY WRITTEN AUTHORIZATION.	
BY	DATE	
	REVISION	
H-SCALE	1"=60'	
	V-SCALE	N/A
DESIGNED BY	DATE	7/18/23
	DRAWN BY	DJV
CHECKED BY	DATE	
	WALL	
SAND CREEK RESTORATION	GEC INTERIM	
SHEET 104	OF 121	
JOB NO.	25188.04	



Reference the plan set for interim (prior) grading

LEGEND

EXISTING CONTOUR	PROPOSED CONTOUR	REINFORCED ROCK BERM FOR CULVERT PROTECTION	DEWATERING
EXISTING PROPERTY LINE	LIMITS OF CONSTRUCTION	SEDIMENT CONTROL LOG	TEMPORARY SEDIMENTATION BASIN
EXISTING RIGHT OF WAY LINE	DRAINAGE SWALE	PERMANENT SEEDING AND MULCHING - NATIVE REVEGETATION SEED MIX	CHECK DAM
EXISTING EASEMENT	CONSTRUCTION FENCE	WETLANDS TO REMAIN	SURFACE ROUGHENING
SECTION LINE	SILT FENCE	PERMANENT LANDSCAPING	
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PROPOSED DRAINAGE ARROW			

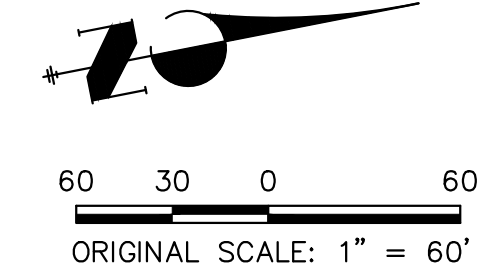
TOTAL INTERIM PHASE SUMMARY OF APPROXIMATE QUANTITIES

9	EA	REINFORCED ROCK BERM FOR CULVERT PROTECTION	(RRB)
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BENCHMARK

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 EASTING = 233849.817
 ELEVATION = 7030.82



ENGINEER'S STATEMENT

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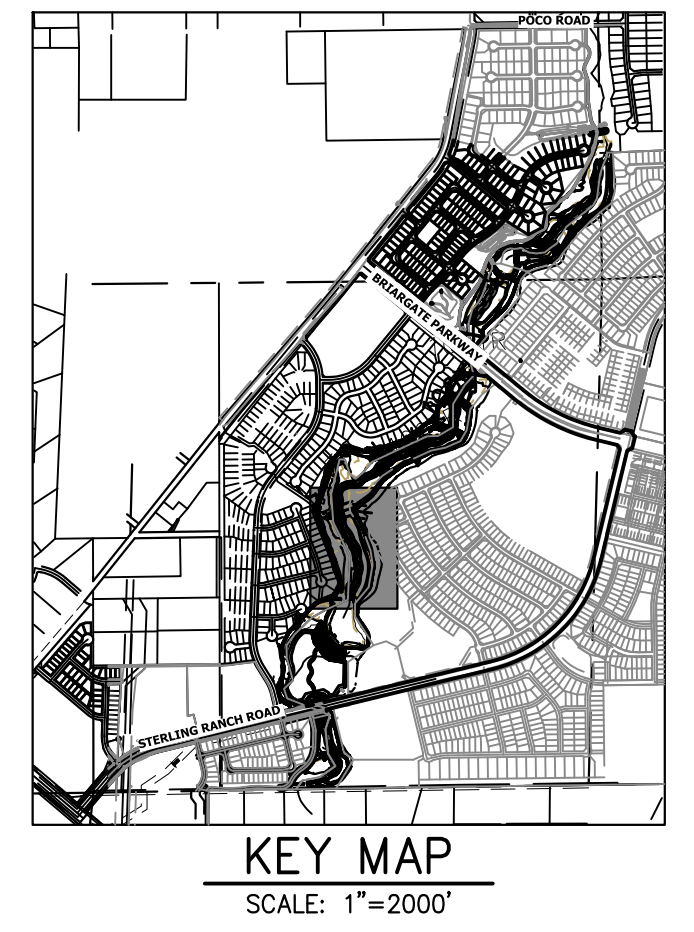
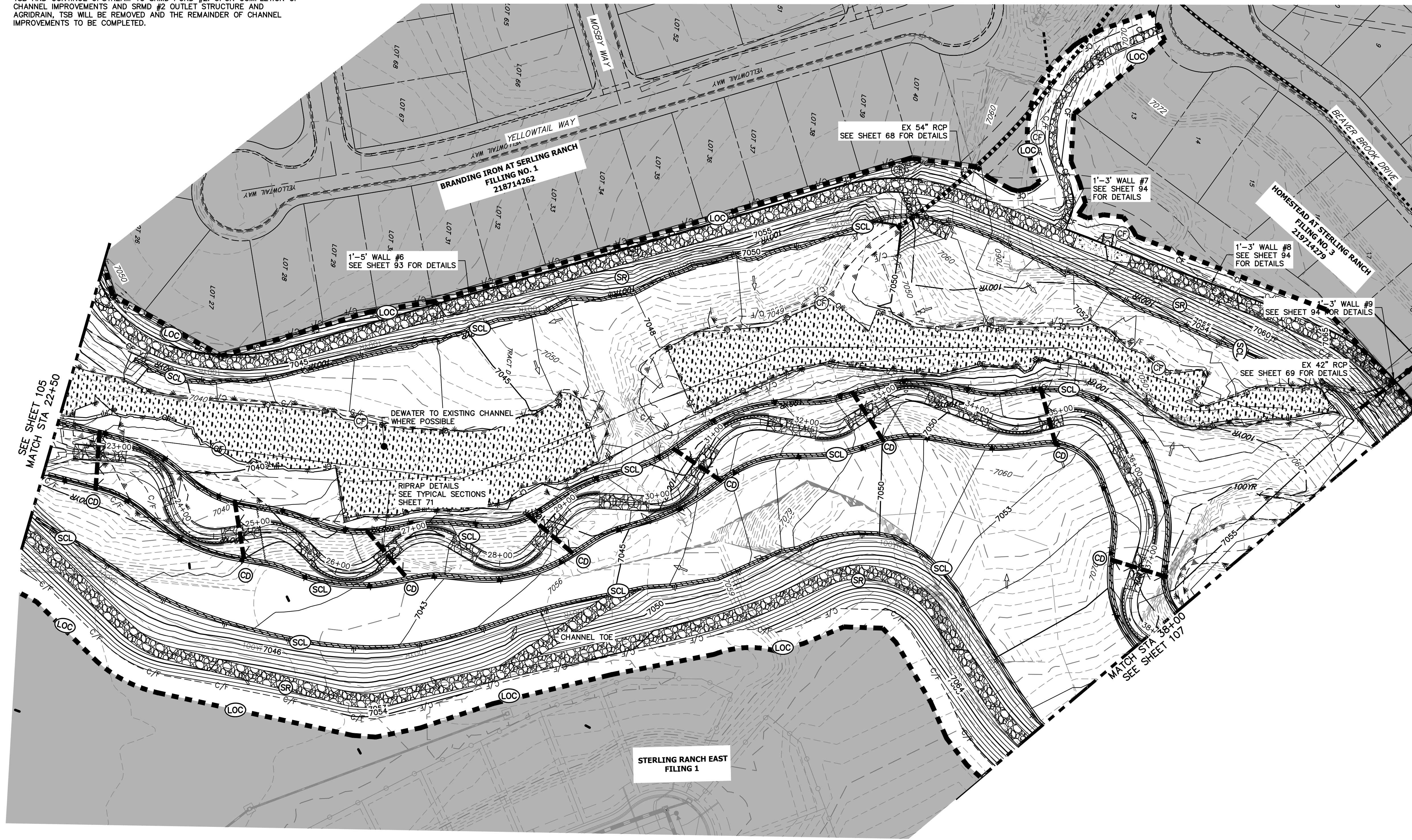
Mike Bramlett
 MIKE A. BRAMLETT, P.E.
 COLORADO P.E. 32314
 FOR AND ON BEHALF OF JR ENGINEERING, INC.
 DATE 7/18/23

PREPARED FOR SR LAND, LLC 20 BOULDER CRESCENT 2ND FLOOR COLORADO SPRINGS, CO 80903 JAMES F. MORLEY (719) 419-3024	UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEERING APPROVES THEIR USE FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.	BY DATE No. REVISION H-SCALE 1"=60' V-SCALE N/A DATE 7/18/23 DESIGNED BY DJV DRAWN BY WLL CHECKED BY	SAND CREEK RESTORATION GEC INTERIM	SHEET 105 OF 121
				JOB NO. 25188.04

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TEMPORARY SEDIMENT BASIN NOTES:

TEMPORARY SEDIMENT BASIN TO BE CONSTRUCTED PRIOR TO BEGINNING OF CHANNEL GRADING. CHANNEL IMPROVEMENTS WILL START UPSTREAM OF TSB AND CONTINUE UPSTREAM TO SRMD POND #2. UPON COMPLETION OF CHANNEL IMPROVEMENTS AND SRMD #2 OUTLET STRUCTURE AND AGRIDRAIN, TSB WILL BE REMOVED AND THE REMAINDER OF CHANNEL IMPROVEMENTS TO BE COMPLETED.



PREPARED FOR
SR LAND, LLC
 20 BOULDER CRESCENT
 2ND FLOOR
 COLORADO SPRINGS, CO 80903
 JAMES F. MORLEY
 (719) 419-3024

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 Centennial 303-740-9888 • Colorado Springs 719-583-2593
 Fort Collins 970-491-9888 • www.jrengineering.com

NO.	REVISION	BY	DATE

LEGEND

EXISTING CONTOUR	PROPOSED CONTOUR	REINFORCED ROCK BERM FOR CULVERT PROTECTION	DEWATERING
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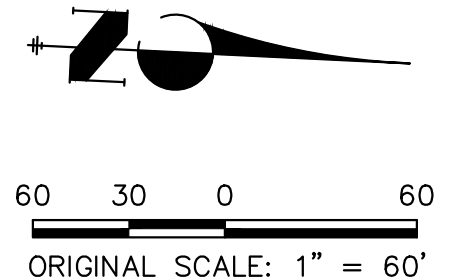
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QTY	DESCRIPTION	SYMBOL
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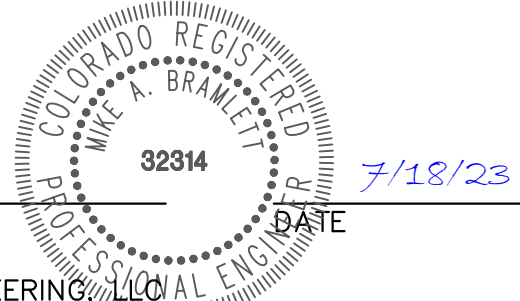
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 ELEVATION = 7030.82



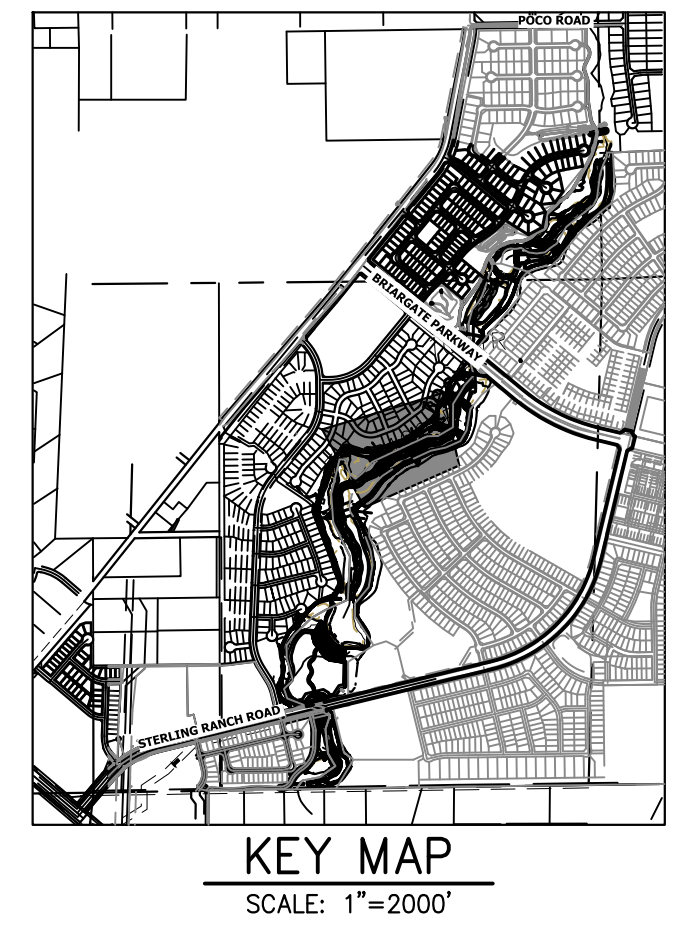
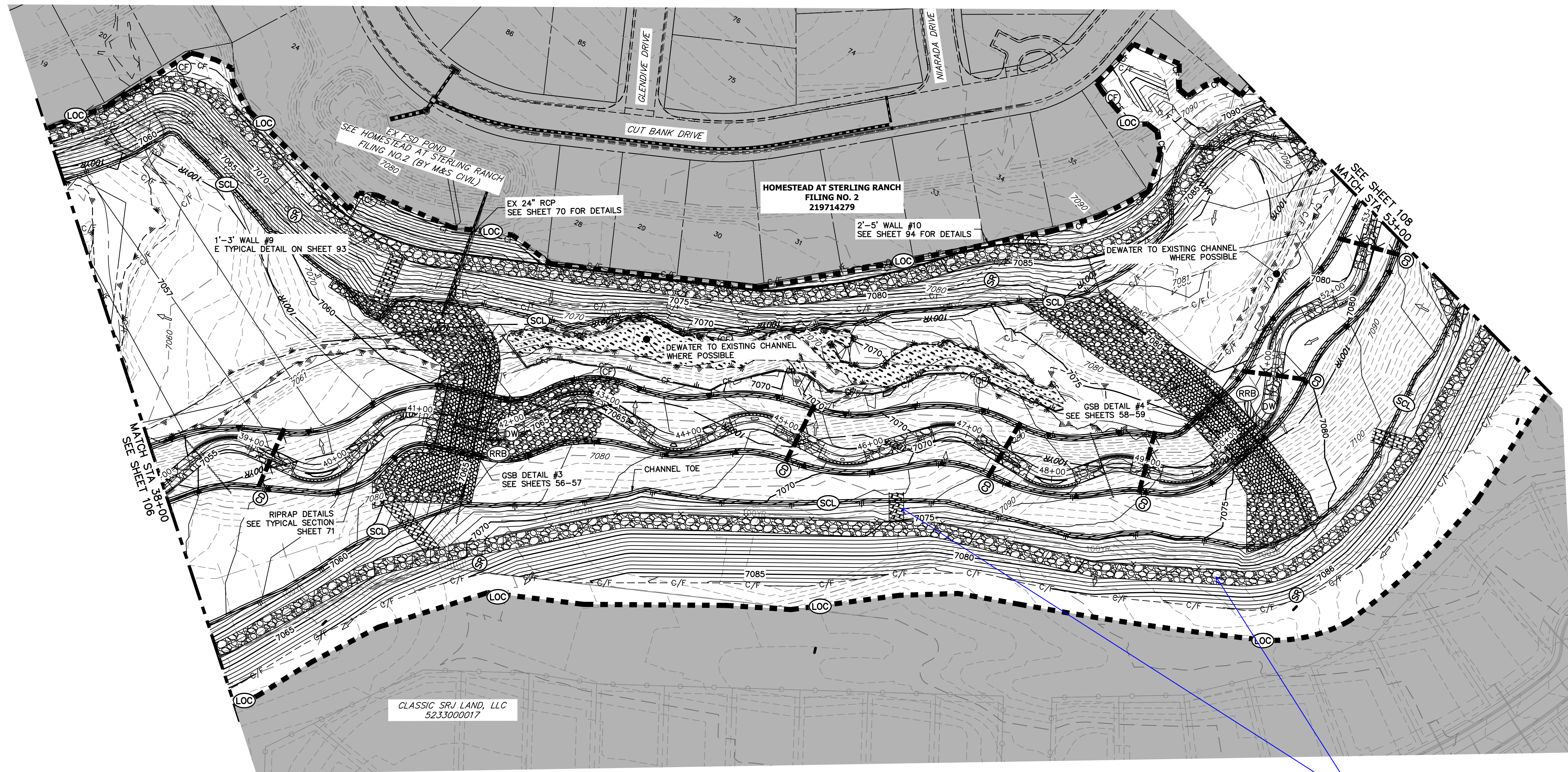
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Mike Bramlett
 MIKE A. BRAMLETT, P.E.
 COLORADO P.E. 32314
 FOR AND ON BEHALF OF JR ENGINEERING



SAND CREEK RESTORATION	GEC INTERIM	DESIGNED BY	DJV
		DRAWN BY	WLL
SHEET 106 OF 121		CHECKED BY	
JOB NO. 25188.04			



PREPARED FOR
SR LAND, LLC
 20 BOULDER CRESCENT
 2ND FLOOR
 COLORADO SPRINGS, CO 80903
 JAMES F. MORLEY
 (719) 419-3024

J.R. ENGINEERING
 A Westman Company
 Centennial 303-740-9888 • Colorado Springs 719-583-2583
 Fort Collins 970-491-9888 • www.jrengineering.com

BY	DATE	NO.	REVISION

H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
1"=60'	N/A	7/18/23	DJV	WLL	

LEGEND

EXISTING CONTOUR	PROPOSED CONTOUR	REINFORCED ROCK BERM FOR CULVERT PROTECTION	RRB	DEWATERING	DW
EXISTING PROPERTY LINE	LIMITS OF CONSTRUCTION	SEDIMENT CONTROL LOG	SCL	TEMPORARY SEDIMENTATION BASIN	SB
EXISTING RIGHT OF WAY LINE	DRAINAGE SWALE	PERMANENT SEEDING AND MULCHING - NATIVE REVEGETATION SEED MIX	SM	CHECK DAM	CD
EXISTING EASEMENT	CONSTRUCTION FENCE	WETLANDS TO REMAIN	LS	SURFACE ROUGHENING	SR
SECTION LINE	SILT FENCE	PERMANENT LANDSCAPING	LS		
EXISTING STORM SEWER	VEHICLE TRACKING CONTROL	GEOTEXTILE	ECB		
EXISTING CURB & GUTTER	STABILIZED STAGING AREA	COIR MATTING	ECB		
PROPOSED RIGHT OF WAY LINE	CONCRETE WASHOUT AREA				
PROPOSED EASEMENT	STOCK PILE				
PROPOSED STORM SEWER	TEMP DRAINAGE CHANNEL				
PROPOSED CURB & GUTTER					
PROPOSED TOP OF SLOPE					
PROPOSED TOE OF SLOPE					
EXISTING DRAINAGE ARROW					
PROPOSED DRAINAGE ARROW					

TOTAL INTERIM PHASE SUMMARY OF APPROXIMATE QUANTITIES

9	EA	-	REINFORCED ROCK BERM FOR CULVERT PROTECTION	RRB
3	EA	-	CONCRETE WASHOUT AREA	CWA
15	EA	-	CHECK DAMS	CD
1990	LF	-	SEDIMENT CONTROL LOGS	SCL
1	EA	-	TEMPORARY SEDIMENT BASIN	SB

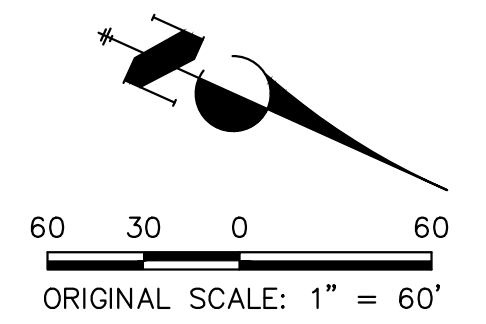
BENCHMARK

- THE TOP OF AN ALUMINUM SURVEYORS CAP, STAMPED "9853", AT THE SOUTHWEST BOUNDARY CORNER OF BARBARICK SUBDIVISION
 NORTHING = 411416.273
 EASTING = 235167.071
 ELEVATION = 7023.42
- THE TOP OF A RED PLASTIC SURVEYORS CAP, ILLEGIBLE, AT THE NORTHWEST BOUNDARY CORNER OF PAWNEE RANCHEROS SUBDIVISION
 NORTHING = 410955.404
 EASTING = 235052.131
 ELEVATION = 7000.40
- THE TOP OF A RED PLASTIC SURVEYORS CAP, STAMPED "38141", AT THE SOUTHWEST BOUNDARY CORNER OF BARBARICK SUBDIVISION
 NORTHING = 411399.962
 EASTING = 233849.617
 ELEVATION = 7030.82

BASIS OF BEARINGS

THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE 6TH P.M. AS MONUMENTED AT THE SOUTHWEST CORNER OF SAID BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624" AND AT THE SOUTHEAST CORNER OF SAID SOUTHWEST QUARTER BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624", SAID LINE BEARS N89°14'14"E, A DISTANCE OF 2,722.69 FEET.

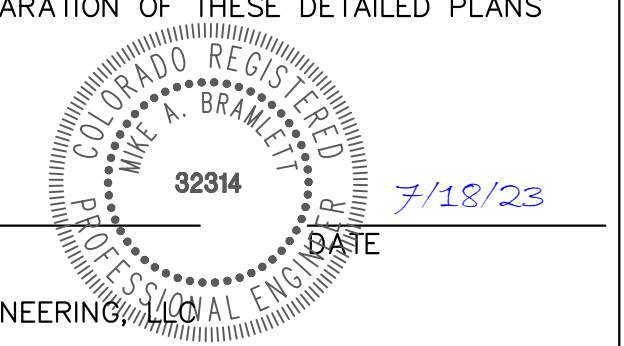
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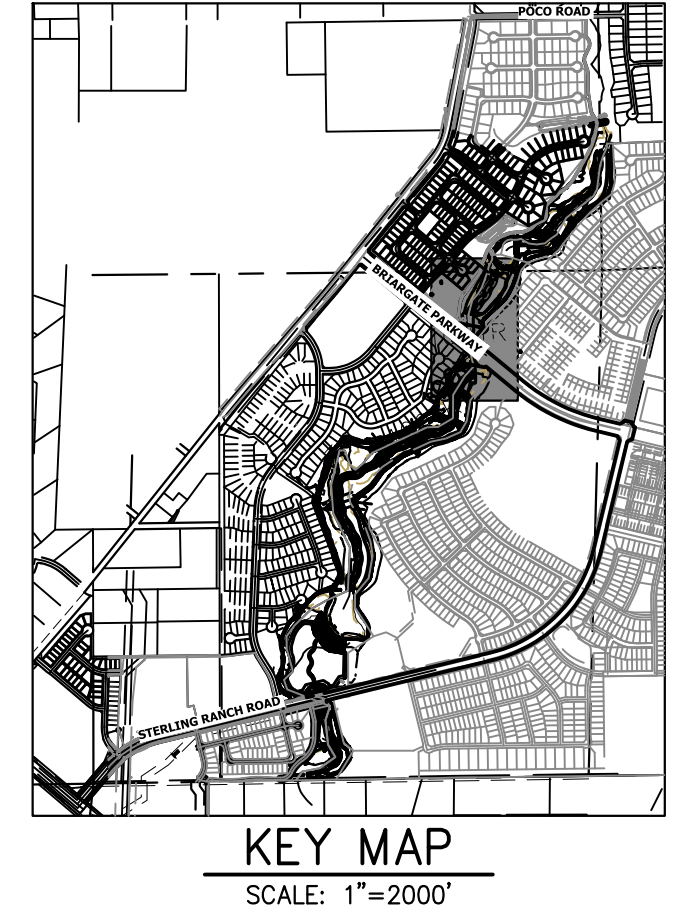


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PREPARED FOR
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 20 BOULDER CRESCENT
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 Fort Collins 970-491-9888 • www.jrengineering.com

LEGEND

EXISTING CONTOUR	PROPOSED CONTOUR	REINFORCED ROCK BERM FOR CULVERT PROTECTION	DEWATERING
EXISTING PROPERTY LINE	LIMITS OF CONSTRUCTION	SEDIMENT CONTROL LOG	TEMPORARY SEDIMENTATION BASIN
EXISTING RIGHT OF WAY LINE	DRAINAGE SWALE	PERMANENT SEEDING AND MULCHING - NATIVE REVEGETATION SEED MIX	CHECK DAM
EXISTING EASEMENT	CONSTRUCTION FENCE	WETLANDS TO REMAIN	SURFACE ROUGHENING
SECTION LINE	SILT FENCE	PERMANENT LANDSCAPING	GEOTEXTILE
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EXISTING CURB & GUTTER	STABILIZED STAGING AREA	STOCK PILE	TEMP DRAINAGE CHANNEL
PROPOSED RIGHT OF WAY LINE	CONCRETE WASHOUT AREA		
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PROPOSED DRAINAGE ARROW			

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3	EA	CONCRETE WASHOUT AREA	(CWA)
15	EA	CHECK DAMS	(CD)
1990	LF	SEDIMENT CONTROL LOGS	(SCL)
1	EA	TEMPORARY SEDIMENT BASIN	(SB)

TEMPORARY SEDIMENT BASIN NOTES:

SRMD POND #2 TO BE USED AS A TEMPORARY SEDIMENT BASIN WITH NO RISER PIPE ONCE THE OUTLET STRUCTURE AND AGRIDRAIN HAVE BEEN CONSTRUCTED. UPON COMPLETION OF UPSTREAM CHANNEL IMPROVEMENTS, SRMD POND #2 WILL BE DREGGED OF SEDIMENT AND RETURNED TO PROPOSED GRADING.

BASIS OF BEARINGS

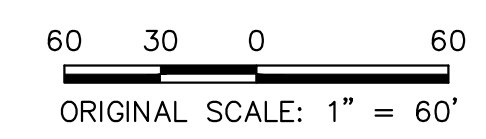
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Know what's below.
 Call before you dig.



ENGINEER'S STATEMENT

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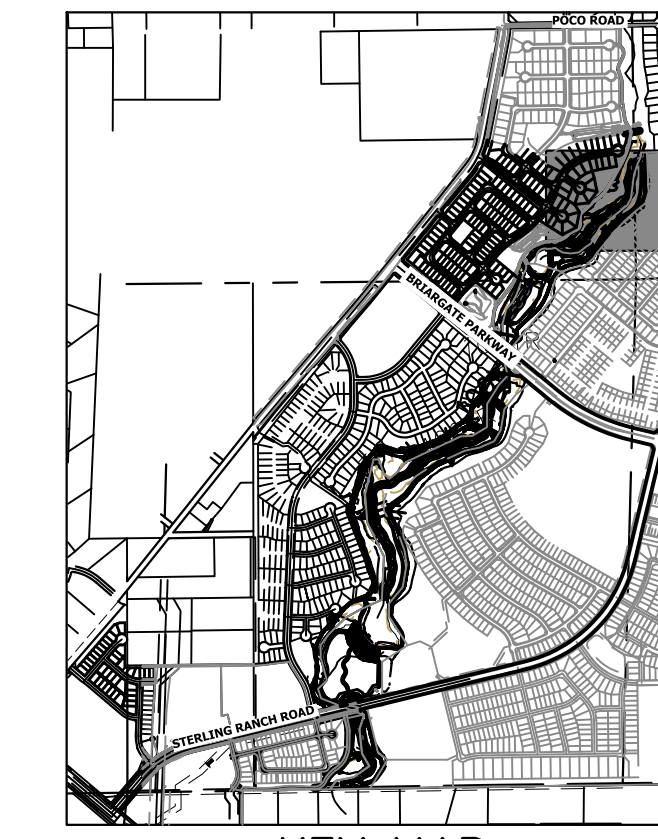
32314
 7/18/23

SAND CREEK RESTORATION	GEC INTERIM	DESIGNED BY	DJV
		CHECKED BY	WLL
SHEET 108	OF 121		
JOB NO.	25188.04		

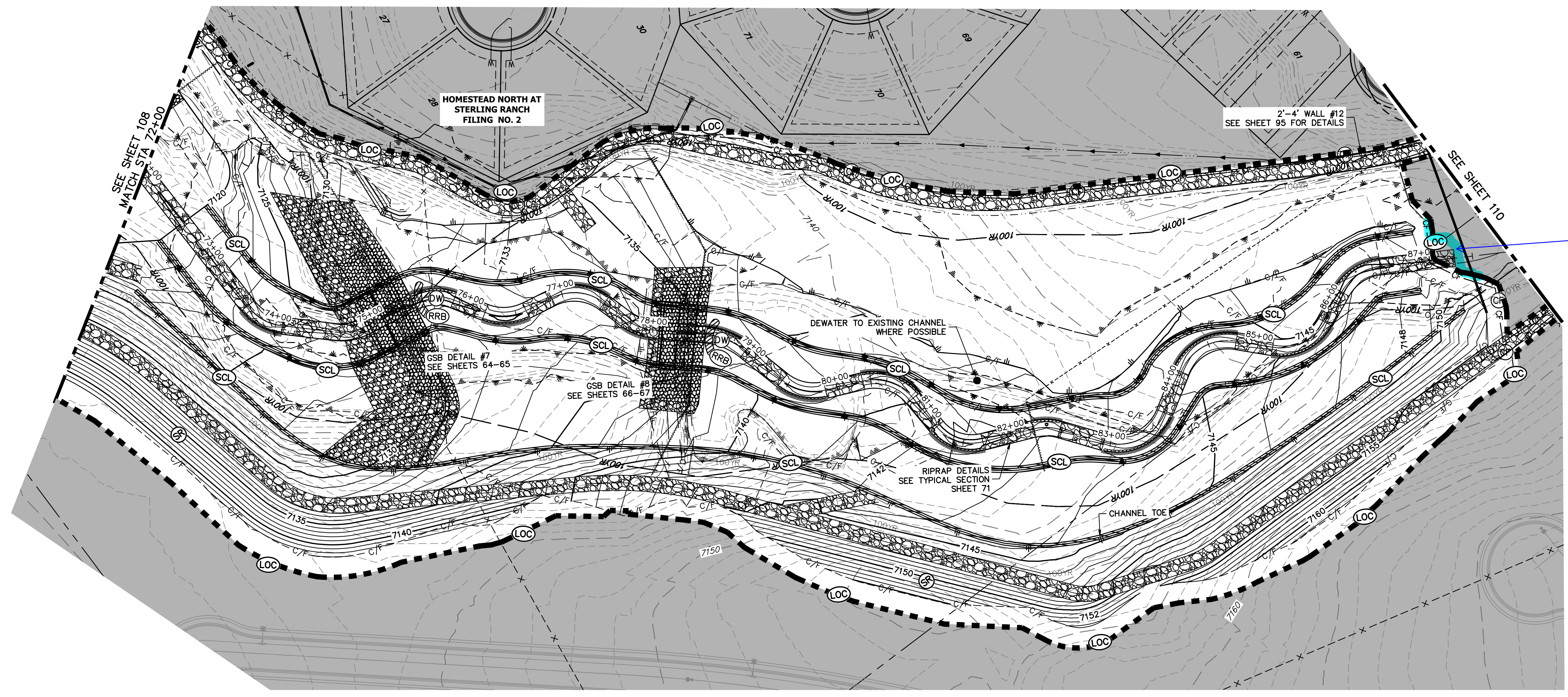
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KEY MAP
 SCALE: 1"=2000'



TOTAL INTERIM PHASE SUMMARY OF APPROXIMATE QUANTITIES

9	EA	-	REINFORCED ROCK BERM FOR CULVERT PROTECTION	(RRB)
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15	EA	-	CHECK DAMS	(CD)
1990	LF	-	SEDIMENT CONTROL LOGS	(SCL)
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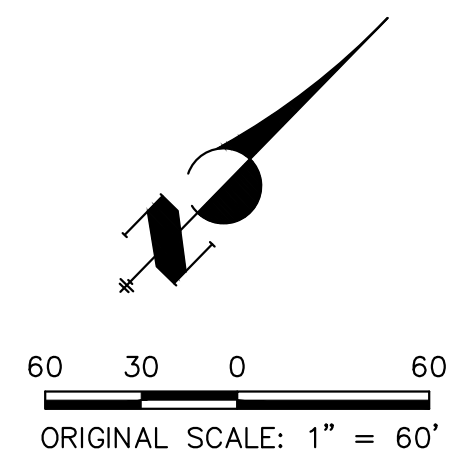
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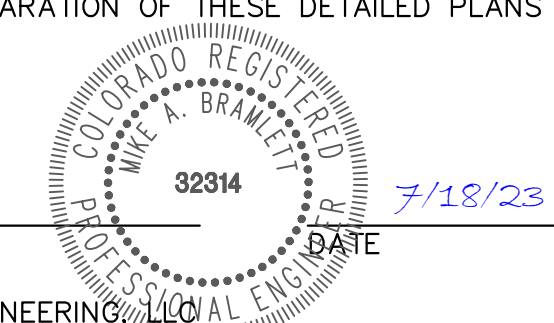
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EXISTING PROPERTY LINE	LIMITS OF CONSTRUCTION	SEDIMENT CONTROL LOG	TEMPORARY SEDIMENT BASIN
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PROPOSED STORM SEWER			
PROPOSED CURB & GUTTER			
PROPOSED TOP OF SLOPE			
PROPOSED TOE OF SLOPE			
EXISTING DRAINAGE ARROW			
PROPOSED DRAINAGE ARROW			



ENGINEER'S STATEMENT

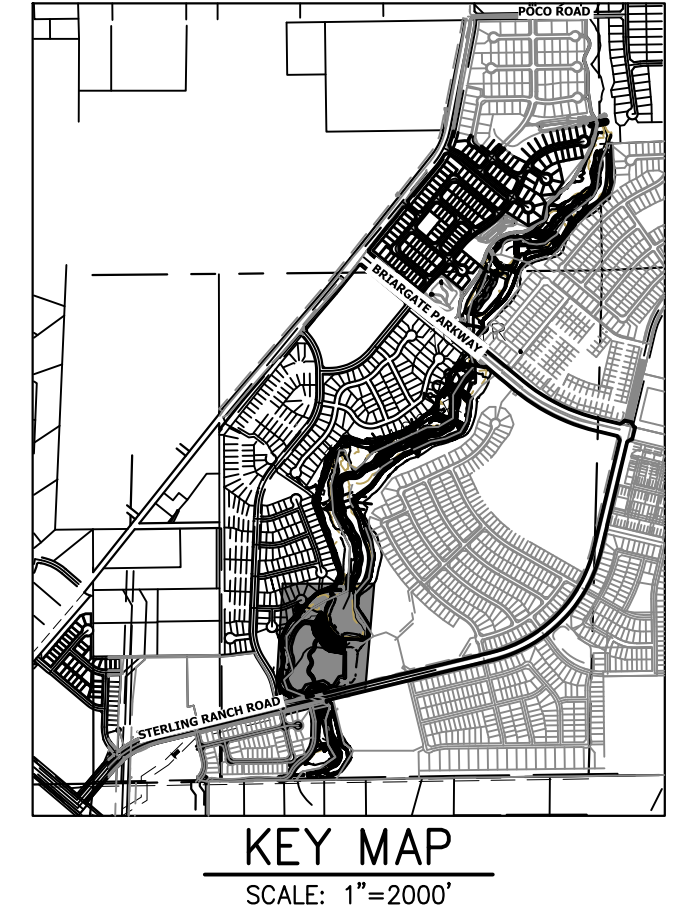
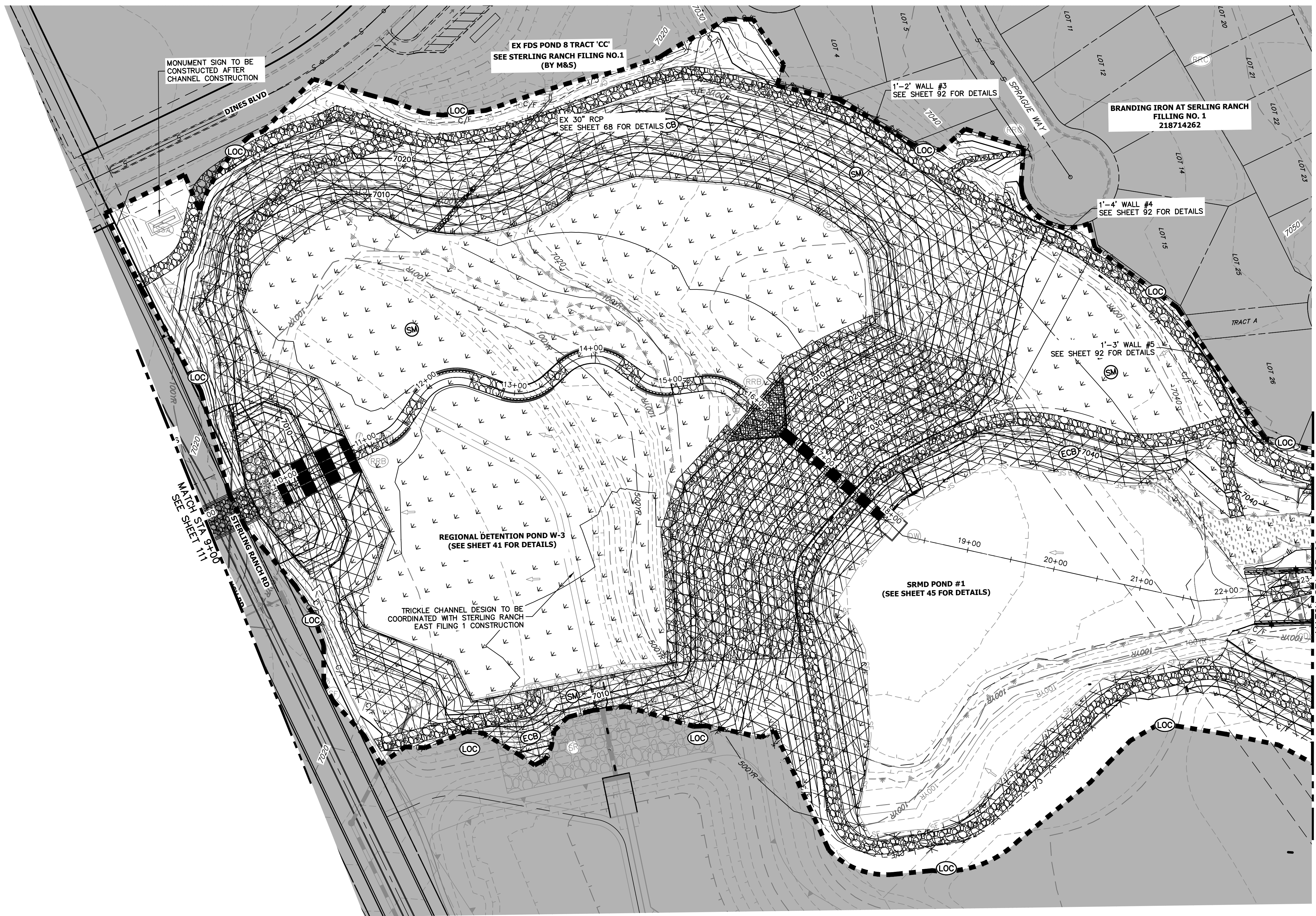
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SAND CREEK RESTORATION	GEC INTERIM	DESIGNED BY	DJV
		DRAWN BY	WLL
SHEET 109	OF 121		
JOB NO.	25188.04		

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PREPARED FOR
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LEGEND	
EXISTING CONTOUR	PROPOSED CONTOUR
EXISTING PROPERTY LINE	LIMITS OF CONSTRUCTION
EXISTING RIGHT OF WAY LINE	DRAINAGE SWALE
EXISTING EASEMENT	CONSTRUCTION FENCE
SECTION LINE	SILT FENCE
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SEDIMENT CONTROL LOG	TEMPORARY SEDIMENTATION BASIN
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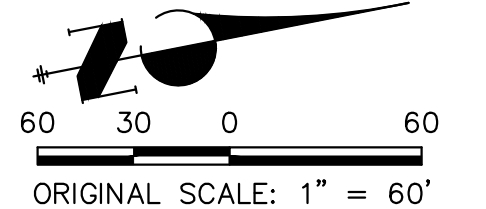
TOTAL FINAL PHASE SUMMARY OF APPROXIMATE QUANTITIES

48.65	AC	- SEEDING & MULCHING (UPLAND)
2.55	AC	- SEEDING & MULCHING (WETLAND)
1.93	AC	- GEOTEXTILE
32.58	AC	- COIR MATTING

BENCHMARK

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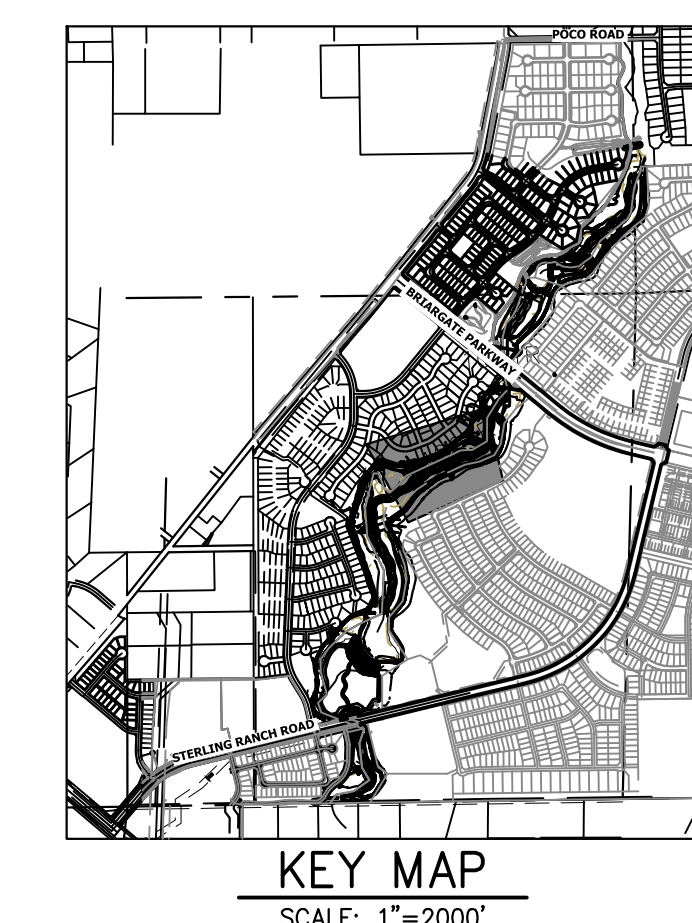
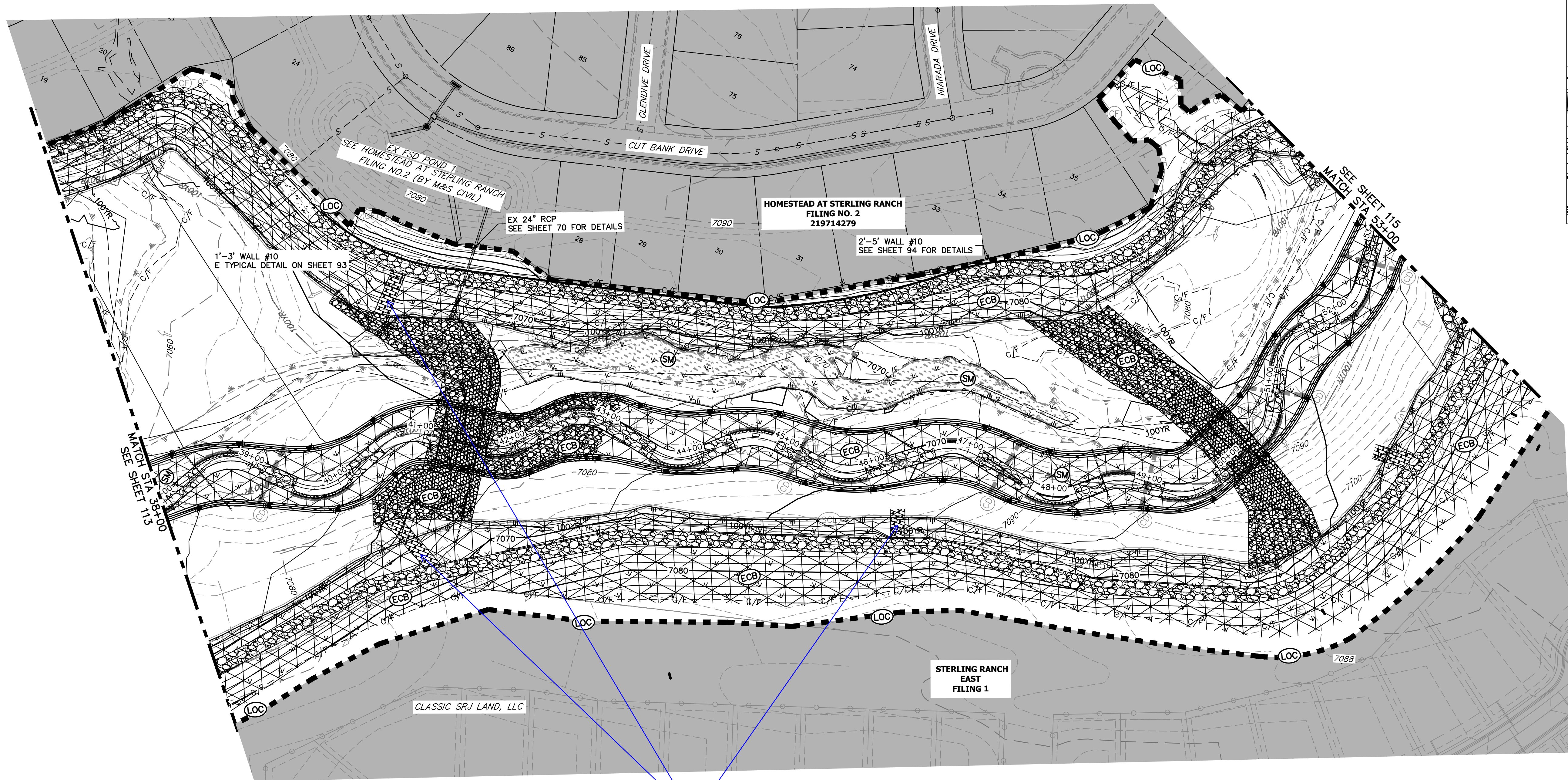
32314
 7/18/23



BY	DATE	No.	REVISION	H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
				1"=60'	N/A	7/18/23	DJV	WLL	

SAND CREEK RESTORATION
 GEC FINAL

SHEET 112 OF 121
 JOB NO. 25188.04



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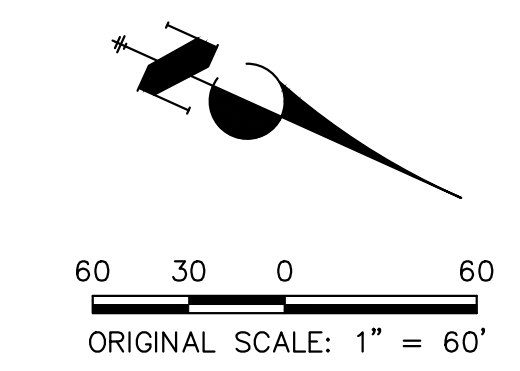
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 NORTHING = 411416.273
 EASTING = 235167.071
 ELEVATION = 7023.42
 - THE TOP OF A RED PLASTIC SURVEYORS CAP, ILLEGIBLE, AT THE NORTHWEST BOUNDARY CORNER OF PANNEE RANCHEROS SUBDIVISION
 NORTHING = 410095.404
 EASTING = 235052.131
 ELEVATION = 7000.40
 - 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

BASIS OF BEARINGS
 THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE 6TH P.M. AS MONUMENTED AT THE SOUTHWEST CORNER OF SAID BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624" AND AT THE SOUTHEAST CORNER OF SAID SOUTHWEST QUARTER BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624", SAID LINE BEARS N89°14'14"E, A DISTANCE OF 2,722.69 FEET.



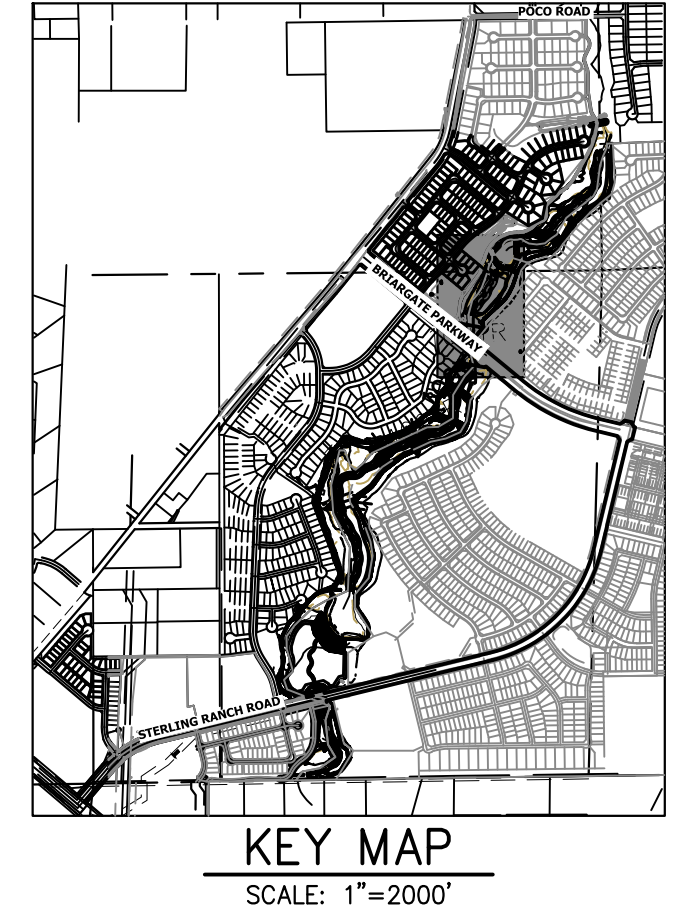
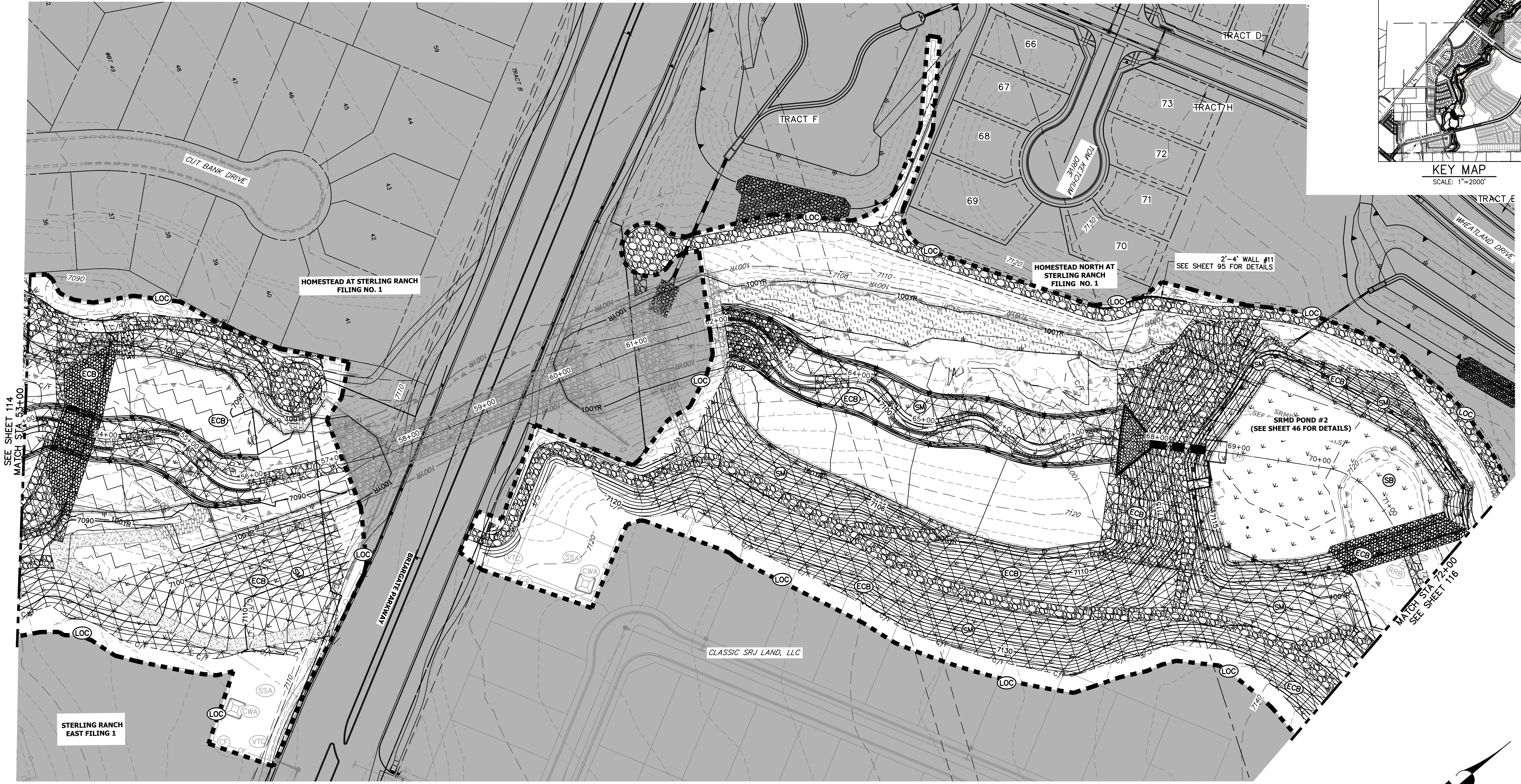
ENGINEER'S STATEMENT

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

Mike Bramlett
 MIKE A. BRAMLETT, P.E.
 COLORADO P.E. 32314
 FOR AND ON BEHALF OF JR ENGINEERING

32314
 7/18/23

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UNLESS SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, OR ENGINEERING APPROVES THEIR USE, DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR
SR LAND, LLC
 20 BOULDER CRESCENT
 2ND FLOOR
 COLORADO SPRINGS, CO 80903
 JAMES F. MORLEY
 (719) 419-3024

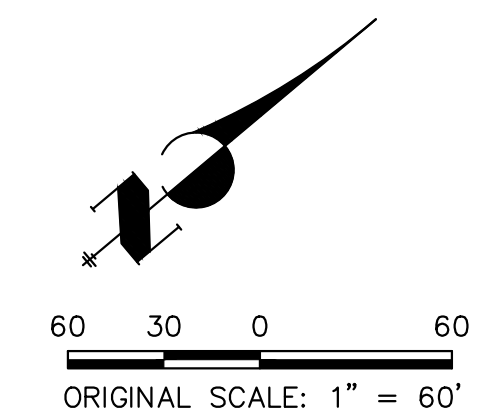
J.R. ENGINEERING
 A Westman Company
 Centennial 303-740-8888 • Colorado Springs 719-583-2583
 Fort Collins 970-491-9888 • www.jrengineering.com

LEGEND

EXISTING CONTOUR	PROPOSED CONTOUR	REINFORCED ROCK BERM FOR CULVERT PROTECTION	DEWATERING
EXISTING PROPERTY LINE	LIMITS OF CONSTRUCTION	SEDIMENT CONTROL LOG	TEMPORARY SEDIMENTATION BASIN
EXISTING RIGHT OF WAY LINE	DRAINAGE SWALE	PERMANENT SEEDING AND MULCHING - NATIVE REVEGETATION SEED MIX	CHECK DAM
EXISTING EASEMENT	CONSTRUCTION FENCE	WETLANDS TO REMAIN	SURFACE ROUGHENING
SECTION LINE	SILT FENCE	PERMANENT LANDSCAPING	
EXISTING STORM SEWER	VEHICLE TRACKING CONTROL	GEOTEXTILE	
EXISTING CURB & GUTTER	STABILIZED STAGING AREA	COIR MATTING	
PROPOSED RIGHT OF WAY LINE	CONCRETE WASHOUT AREA		
PROPOSED EASEMENT	STOCK PILE		
PROPOSED STORM SEWER	TEMP DRAINAGE CHANNEL		
PROPOSED CURB & GUTTER			
PROPOSED TOP OF SLOPE			
PROPOSED TOE OF SLOPE			
EXISTING DRAINAGE ARROW			
PROPOSED DRAINAGE ARROW			

BASIS OF BEARINGS
 THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE 6TH P.M. AS MONUMENTED AT THE SOUTHWEST CORNER OF SAID BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624" AND AT THE SOUTHEAST CORNER OF SAID SOUTHWEST QUARTER BY A 2-1/2" ALUMINUM CAP STAMPED "LS 11624", SAID LINE BEARS N89°14'14"E, A DISTANCE OF 2,722.69 FEET.

- BENCHMARK**
- THE TOP OF AN ALUMINUM SURVEYORS CAP, STAMPED "9863", AT THE SOUTHEAST BOUNDARY CORNER OF BARBARICK SUBDIVISION
 NORTHING = 411416.273
 EASTING = 235167.071
 ELEVATION = 7023.42
 - THE TOP OF A RED PLASTIC SURVEYORS CAP, ILLEGIBLE, AT THE NORTHWEST BOUNDARY CORNER OF PANNEE RANCHEROS SUBDIVISION
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 NORTHING = 411399.962
 EASTING = 233849.817
 ELEVATION = 7030.82



ENGINEER'S STATEMENT

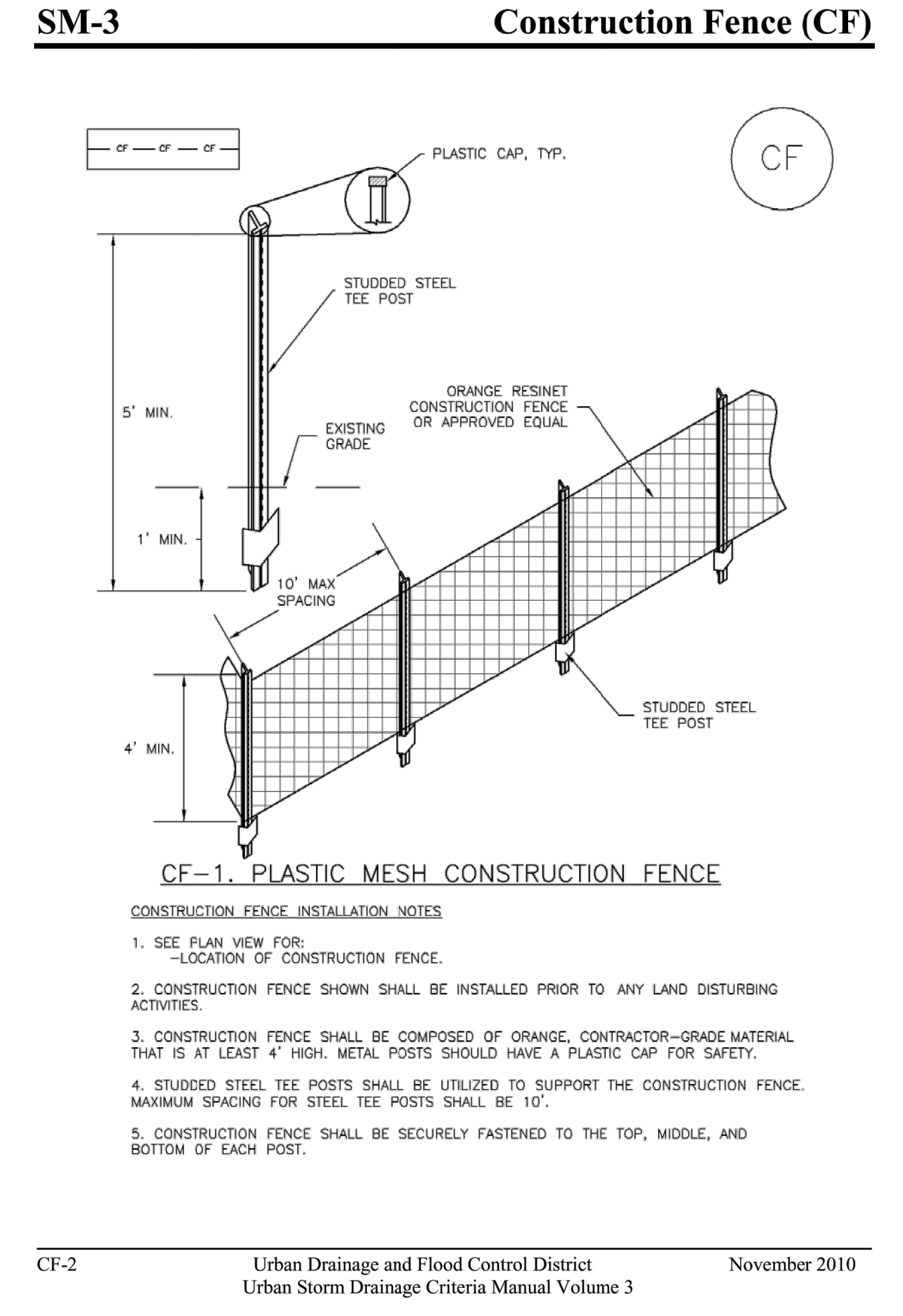
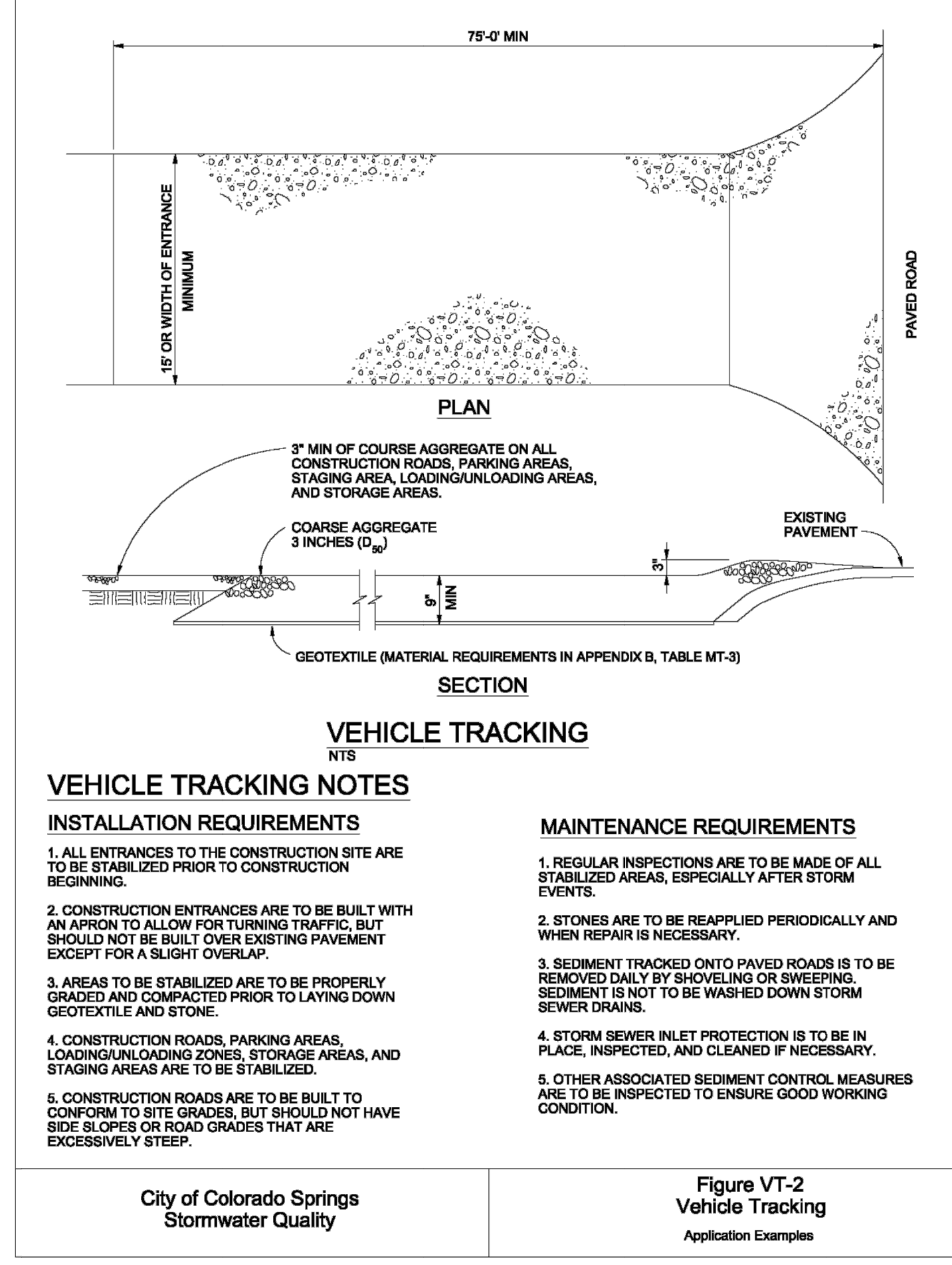
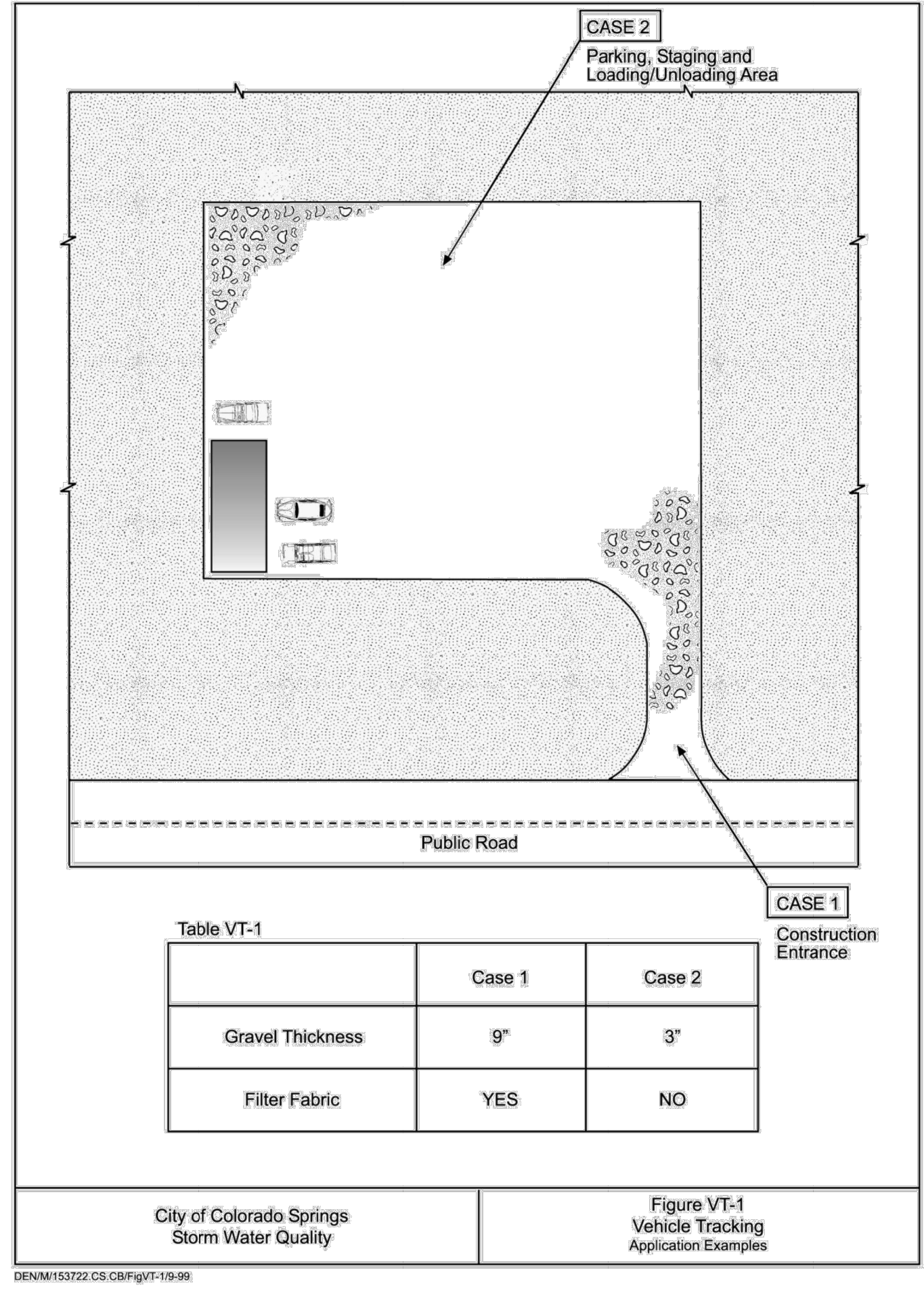
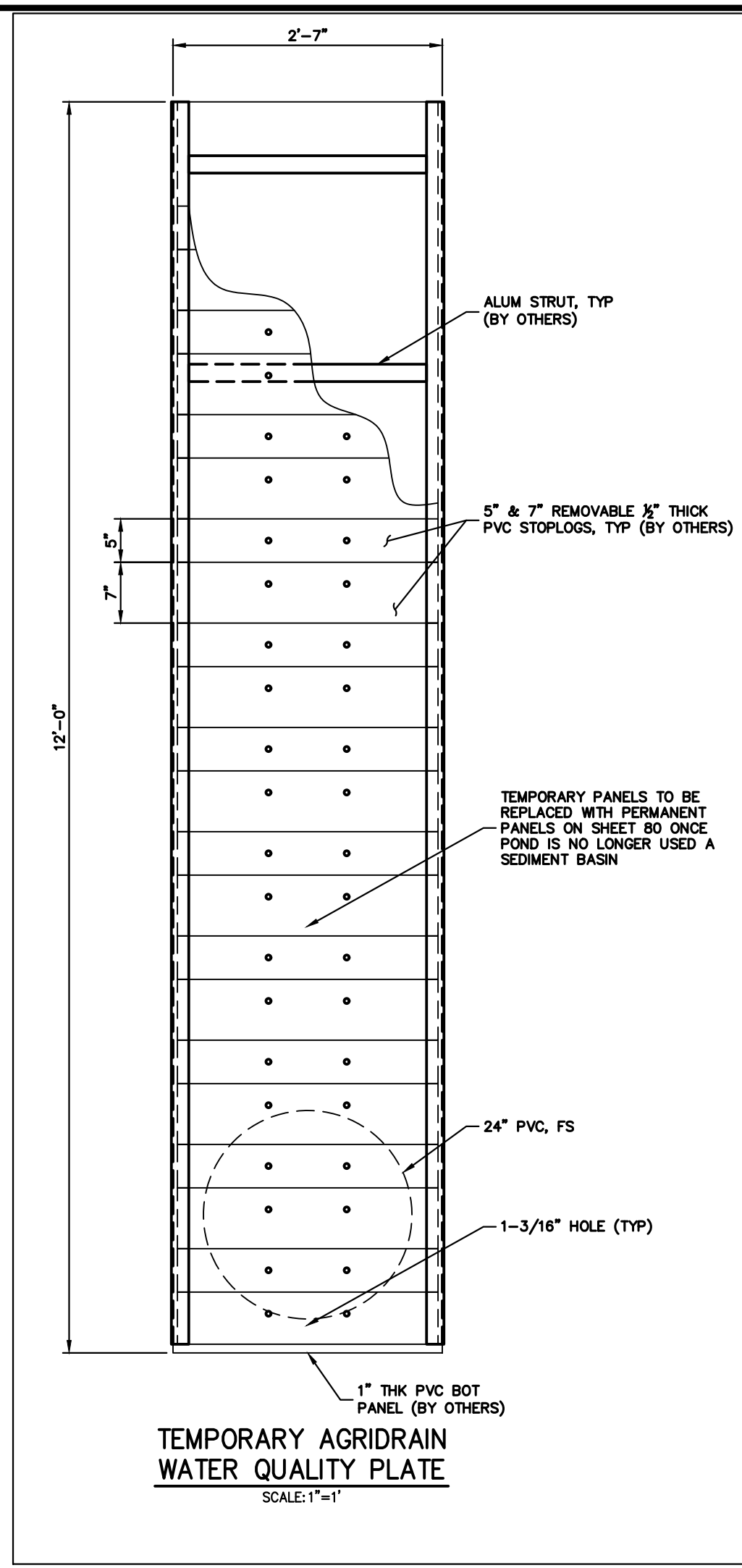
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Mike Bramlett
 MIKE A. BRAMLETT, P.E.
 COLORADO P.E. 32314
 FOR AND ON BEHALF OF JR ENGINEERING, INC.

DATE: 7/18/23



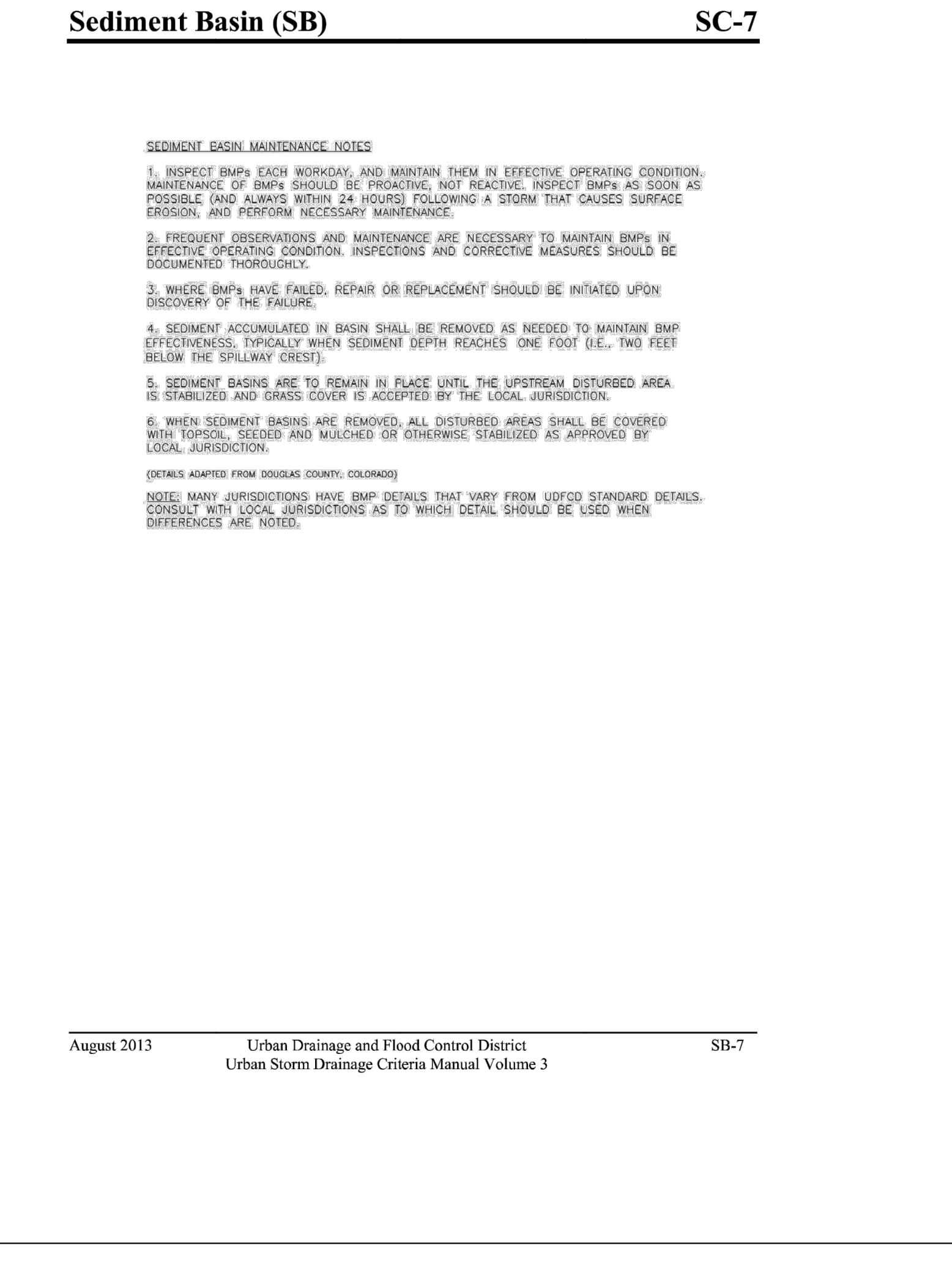
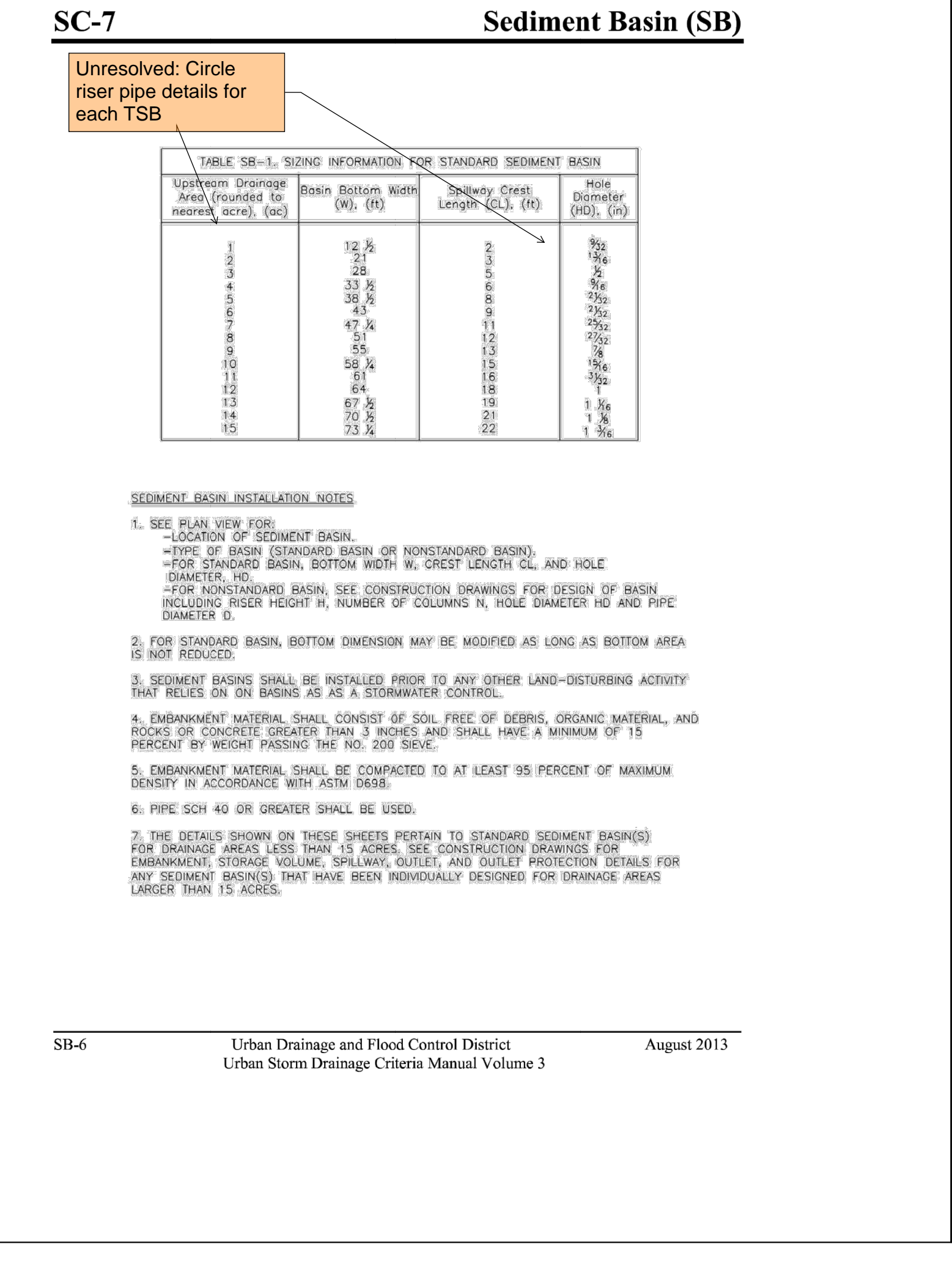
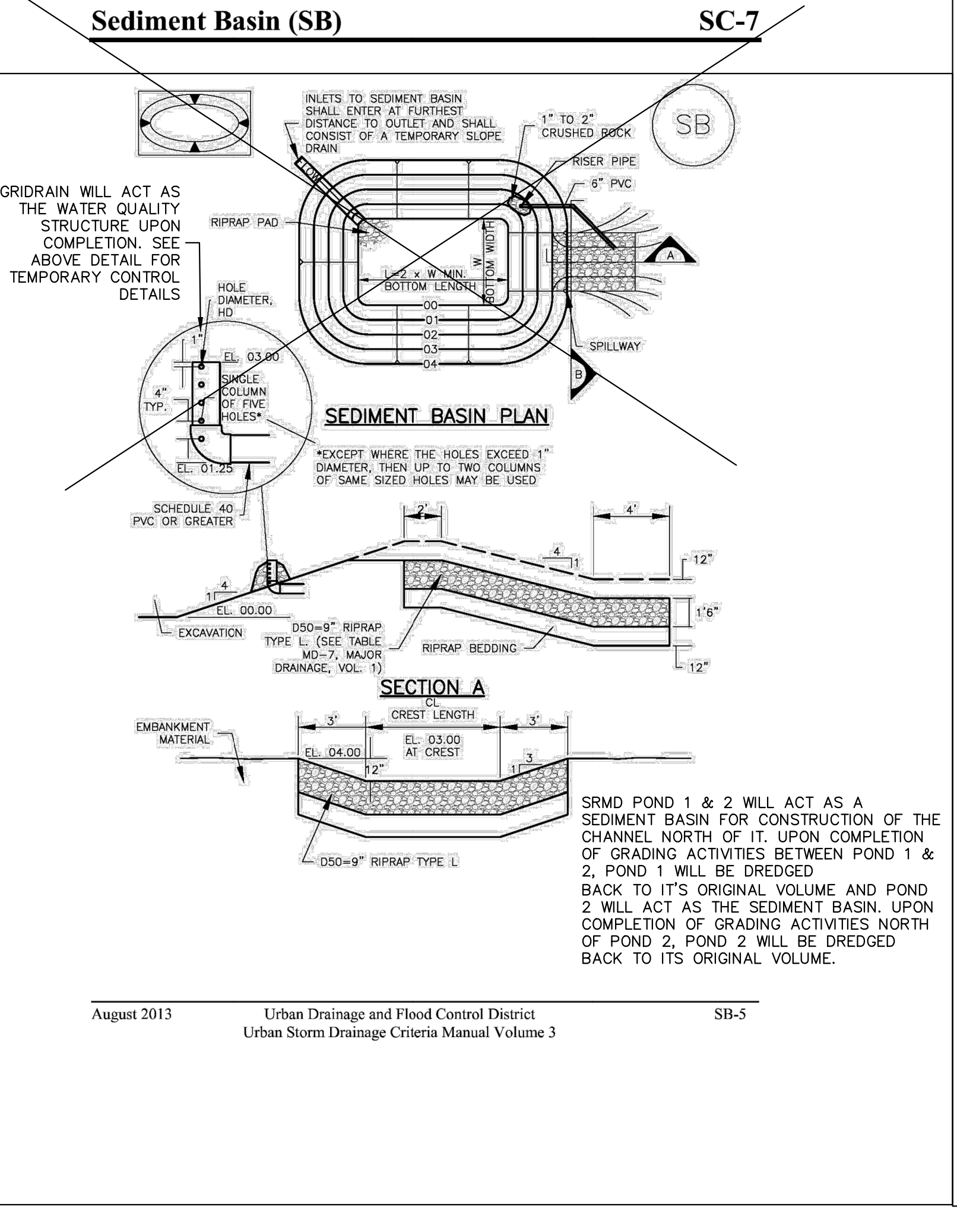
SAND CREEK RESTORATION	GEC FINAL	BY	DATE						
		No.	REVISION						
H-SCALE	1"=60'	V-SCALE	N/A	DATE	7/18/23	DESIGNED BY	DJV	DRAWN BY	WLL
				CHECKED BY					
SHEET 115 OF 121		JOB NO. 25188.04							



UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEERING APPROVES THEIR USE. THESE DRAWINGS ARE DESIGNATED BY WRITTEN AUTHORIZATION.

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ENGINEER'S STATEMENT

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MIKE A. BRAMLETT, P.E.
COLORADO P.E. 32314
FOR AND ON BEHALF OF JR ENGINEERING

7/18/23

H-SCALE AS SHOWN	V-SCALE AS SHOWN	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	BY	DATE	REVISION	
								No.	DATE
		7/18/23	SCH	SCH					

SAND CREEK RESTORATION
GEC DETAILS

SHEET 120 OF 121
JOB NO. 25188.04

