

GRADING PLAN LEGEND

PROPERTY LINE	
LOT LINE/RIGHT OF WAY	
LIMITS OF GRADING	
EXISTING EASEMENT	
EXISTING BUILDING	
EXISTING CURB & GUTTER	
EXISTING FENCE	
EXISTING MAJOR CONTOUR	
EXISTING MINOR CONTOUR	
FUTURE MAJOR CONTOUR	
FUTURE MINOR CONTOUR	
EXISTING STORM PIPE	
EXISTING STORM STRUCTURES	
PROPOSED MAJOR CONTOUR	
PROPOSED MINOR CONTOUR	
PROPOSED STORM PIPE	
PROPOSED SWALE	
PROPOSED STORM STRUCTURES	
PROPOSED UNDERDRAIN	

MATERIAL QUANTITIES

EROSION CONTROL BLANKET:
AREA 11,014 SQ-FT

BENCHMARK:

3" DIAM. BRASS CAP (STAMPED COA BM, SLP-125.5, 2005) AT THE SWLY CORNER OF A CURB OPENING INLET STRUCTURE AND BEING AT THE SWLY CORNER OF S. SOUTHLAND PARKWAY AND S. MAIN STREET

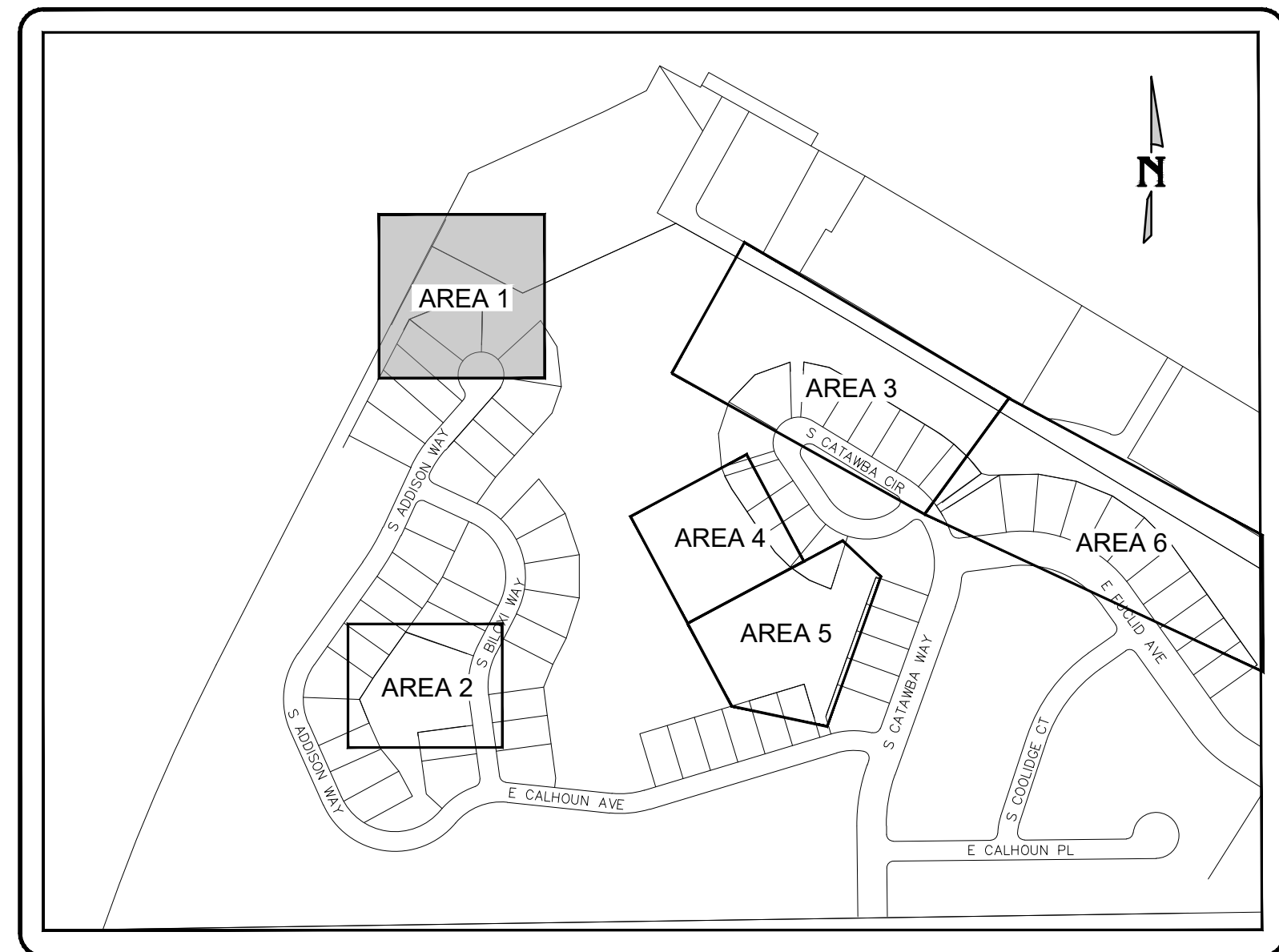
ELEVATION: 6067.60 (CITY OF AURORA DATUM)

HORIZONTAL DATUM: SPC COLORADO CENTRAL ZONE (GROUND)

COA ID 5S6519SW001

NOTE:

ALL PRIVATE STORM INFRASTRUCTURE SHALL BE MAINTAINED BY METRO DISTRICT #3 (OWNER).




**NOT FOR
CONSTRUCTION**



Know what's below.
Call before you dig.

CALL 811 FORTY-EIGHT HOURS
PRIOR TO DIGGING, GRADING OR
EXCAVATING FOR THE MARKING
OF UNDERGROUND MEMBER
UTILITIES

OWNER	ENGINEER/APPLICANT
FOREST TRACE METRO	CENTERPOINT ENGINEERING
DISTRICT #3	1625 COLE BLVD, SUITE 125
2154 E COMMONS AVE #2000	LAKEWOOD, CO 80401
CENTENNIAL, CO 80122	CONTACT: MATT BUONO, PE
CONTACT: DANIEL FRANK	(978) 790-9948
303-520-3085	

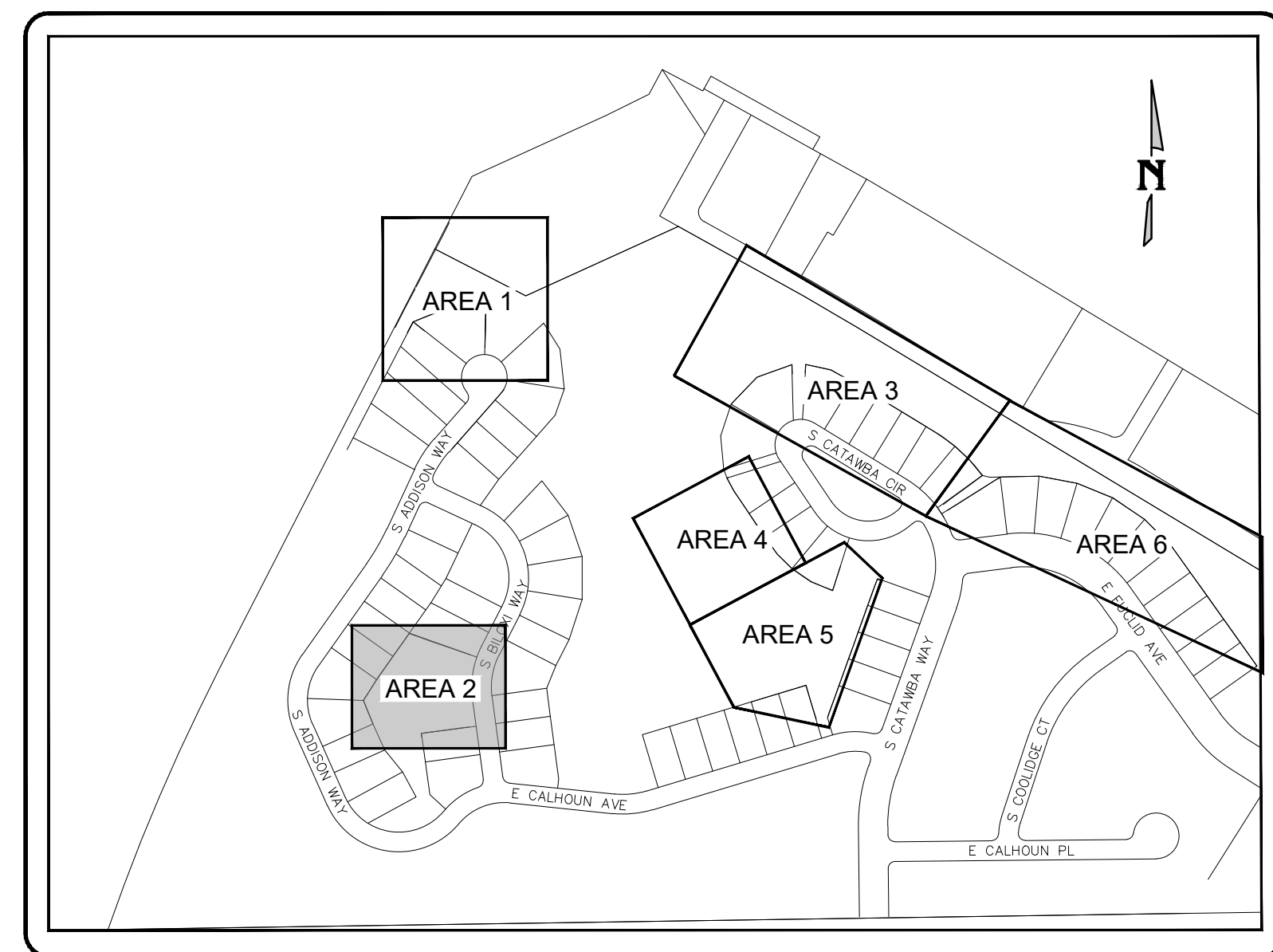
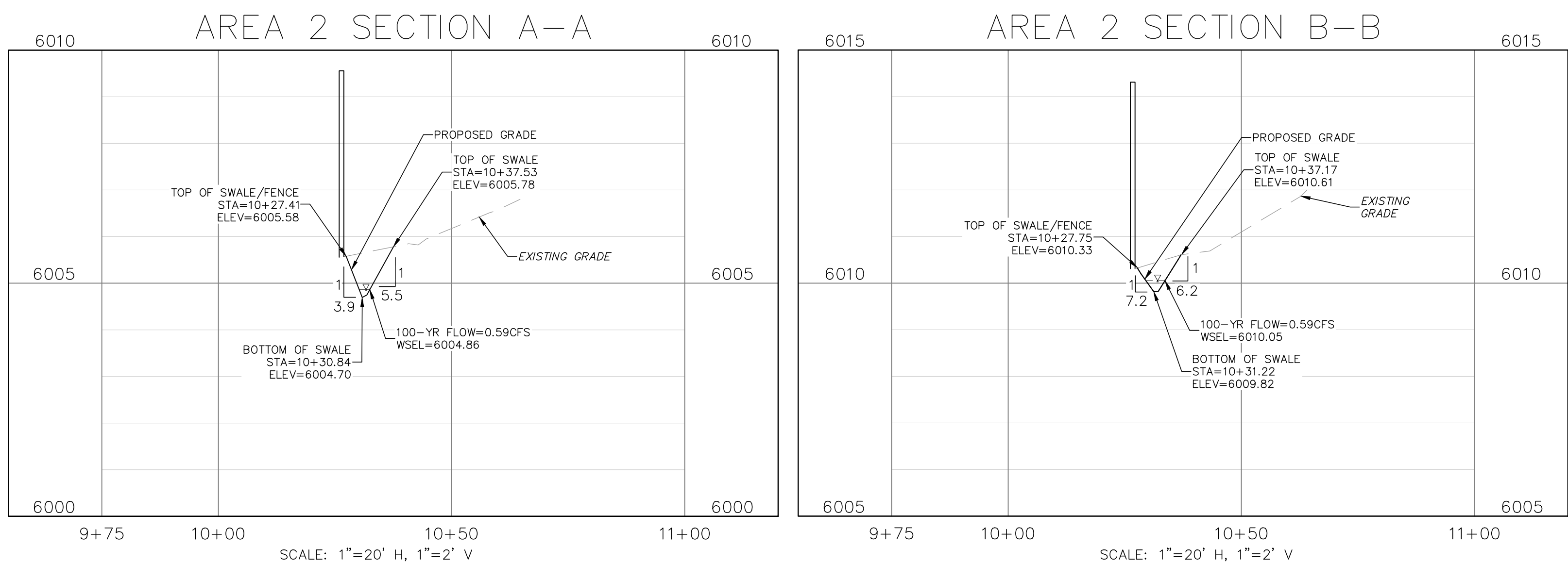
SCALE VERIFICATION
BAR IS ONE INCH ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET ADJUST SCALES
ACCORDINGLY

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FOREST TRACE METRO DISTRICT

**FOREST TRACE FILING NO. 2
GRADING PLAN IMPROVEMENTS**

PROJECT #	1938
DATE	01/24/24
SHEET TITLE	
PRIVATE DETAILED SITE AND GRADING PLAN - AREA 1	
SITE PLAN #	
SHEET #	24



MATERIAL QUANTITIES

12" DEEP D₅₀ STONE (9"):
VOLUME 25 CU-YDS

BENCHMARK:

3" DIAM. BRASS CAP (STAMPED COA BM, SLP-125.5, 2005) AT THE SWLY CORNER OF A CURB OPENING INLET STRUCTURE AND BEING AT THE SWLY CORNER OF S. SOUTHLAND PARKWAY AND S. MAIN STREET

ELEVATION: 6067.60 (CITY OF AURORA DATUM)

HORIZONTAL DATUM: SPC COLORADO CENTRAL ZONE (GROUND)

COA ID 5S6519SW001

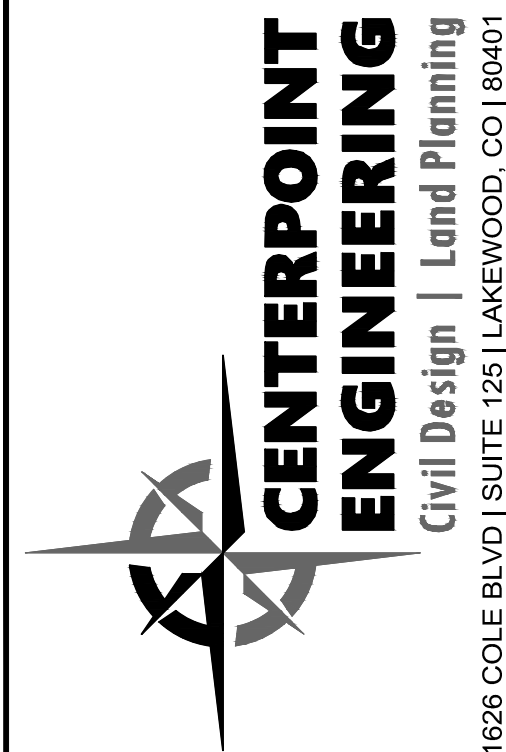
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APPROPRIATE PROPORTIONS (BY VOLUME)	MATERIAL TYPE	MATERIAL DESCRIPTION
6 PARTS	RIPRAP	$D_{50} = 6$ INCH (TYPE VL) OR $D_{50} = 9$ INCH (TYPE L), SEE TABLE 3
1 PART	VOID-FILL MATERIAL	VTC (VEHICLE TRACKING CONTROL) ROCK (CRUSHED ROCK WITH 100% PASSING 4-INCH SIEVE, 50-70% PASSING 3-INCH SIEVE, 0-10% PASSING 2-INCH SIEVE)
1 PART	VOID-FILL MATERIAL	4-INCH MINUS PIT RUN SURGE (ROUND RIVER ROCK AND SAND, WELL GRADED, 90-100% PASSING 4-INCH SIEVE, 70-80% PASSING 1½-INCH SIEVE, 40-60% PASSING ¾-INCH SIEVE, 10-30% PASSING #16 SIEVE)
1 PART	VOID-FILL MATERIAL	TYPE II BEDDING (CRUSHED ROCK WITH 100% PASSING 3-INCH SIEVE, 20-90% PASSING ¾-INCH SIEVE, 0-20% PASSING #4 SIEVE, 0-3% PASSING #200 SIEVE)
½ TO 1 PART	VOID-FILL MATERIAL	NATIVE TOPSOIL

VOID-FILLED RIPRAP PLACEMENT AND GRADATION

*FIGURE 8.35 FROM USDCM: VOLUME 1, CHAPTER 8



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FOREST TRACE METRO	CENTERPOINT ENGINEERING
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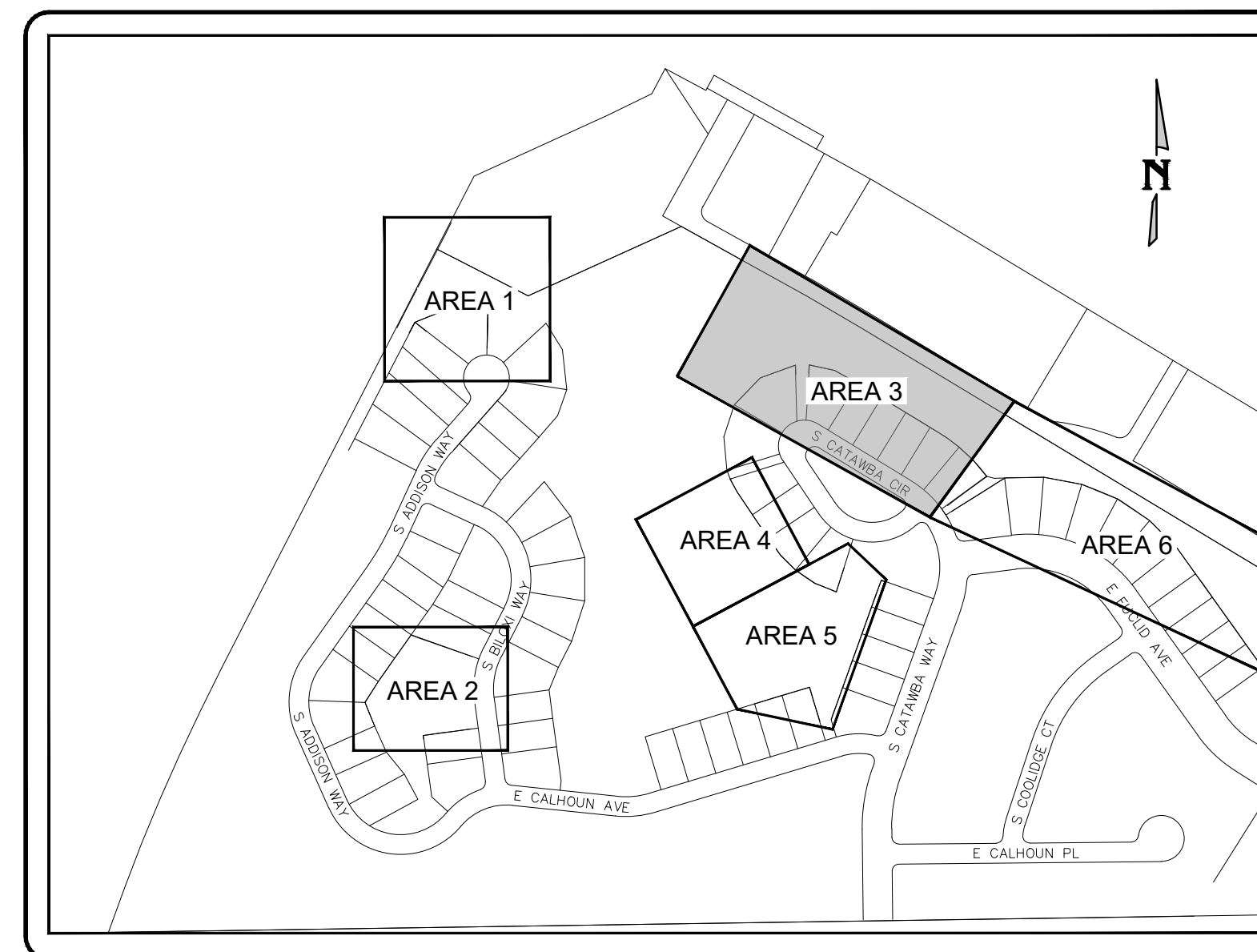
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ACCORDINGLY

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FOREST TRACE METRO DISTRICT

FOREST TRACE FILING NO. 2 GRADING PLAN IMPROVEMENTS

PROJECT #	1938
DATE	01/24/24
SHEET TITLE	PRIVATE DETAILED SITE AND GRADING PLAN - AREA 2
SITE PLAN #	
SHEET #	25





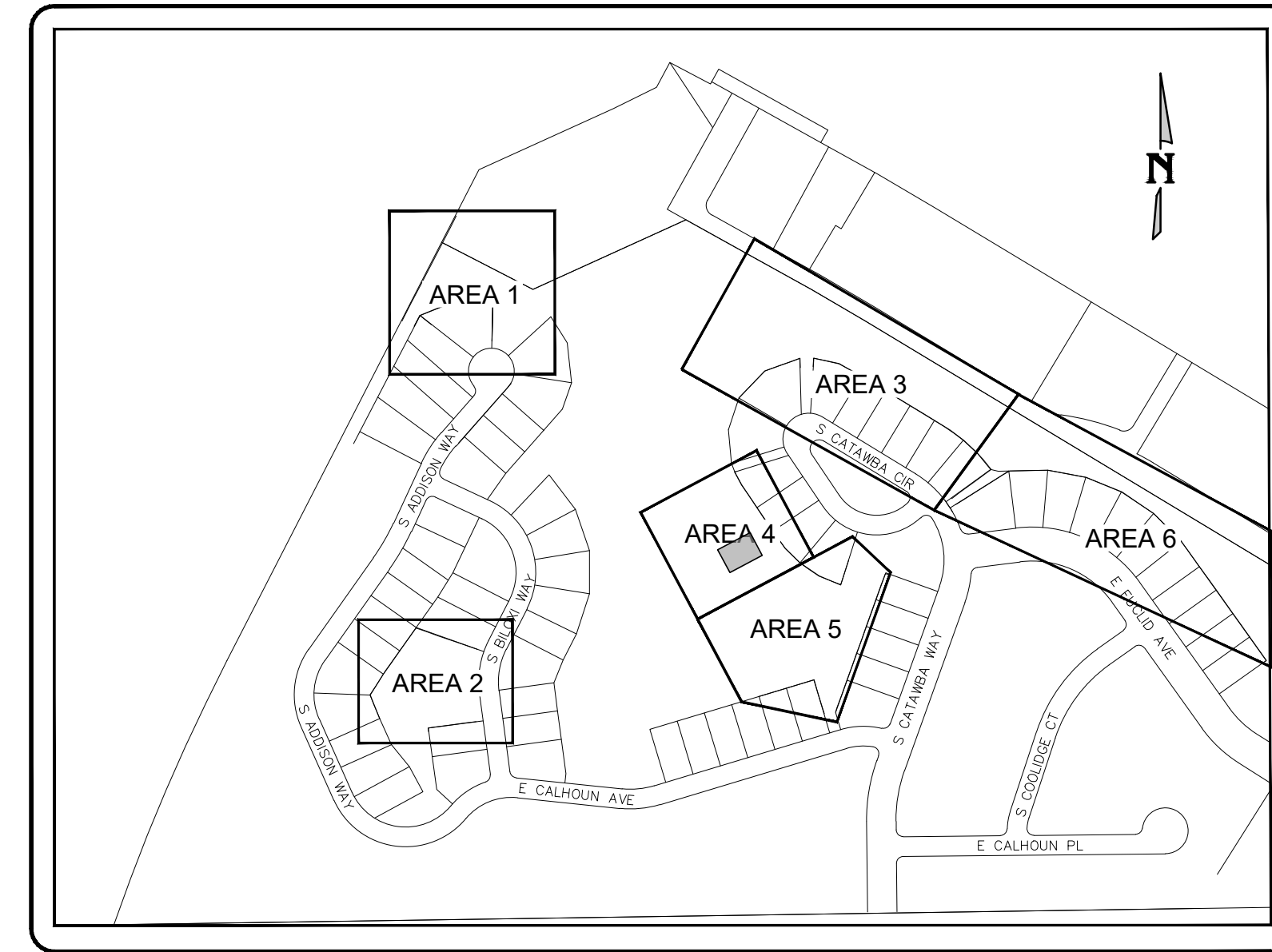
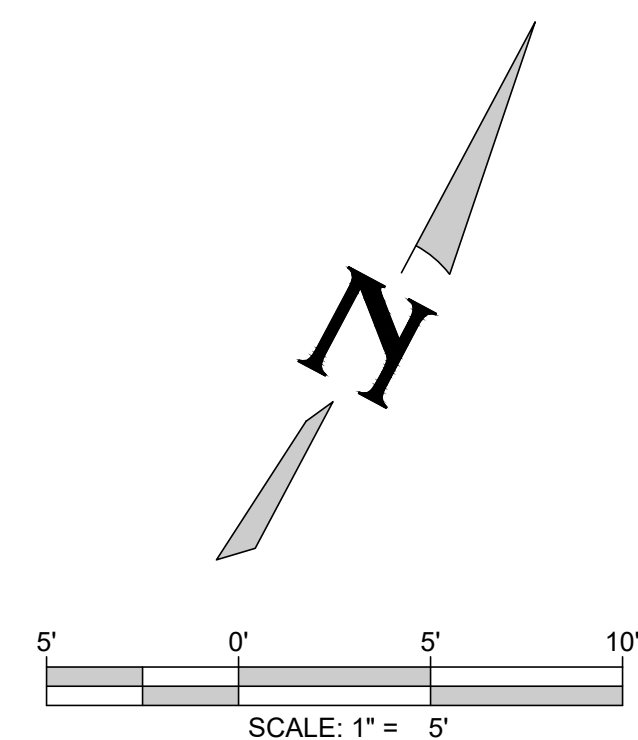
<p><u>OWNER</u> FOREST TRACE METRO DISTRICT #3 2154 E COMMONS AVE #2000 CENTENNIAL, CO 80122 CONTACT: DANIEL FRANK 303-520-3085</p>	<p><u>ENGINEER/APPLICANT</u> CENTERPOINT ENGINEERING 1625 COLE BLVD, SUITE 125 LAKEWOOD, CO 80401 CONTACT: MATT BUONO, PE (978) 790-9948</p>
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**FOREST TRACE FILING NO. 2
EROSION CONTROL IMPROVEMENT**

SITE PLAN #

SHEET # **28**



GRADING PLAN LEGEND	
PROPERTY LINE	----
LOT LINE/RIGHT OF WAY	----
LIMITS OF GRADING	----
EXISTING EASEMENT	----
EXISTING BUILDING	----
EXISTING CURB & GUTTER	----
EXISTING FENCE	----
EXISTING MAJOR CONTOUR	-----452-----
EXISTING MINOR CONTOUR	-----452-----
FUTURE MAJOR CONTOUR	-----452-----
FUTURE MINOR CONTOUR	-----452-----
EXISTING STORM PIPE	-----ST-----
EXISTING STORM STRUCTURES	-----ST-----
PROPOSED MAJOR CONTOUR	-----450-----
PROPOSED MINOR CONTOUR	-----452-----
PROPOSED STORM PIPE	-----ST-----
PROPOSED SWALE	----->-----
PROPOSED STORM STRUCTURES	-----[Symbol]-----
PROPOSED UNDERDRAIN	-----[Symbol]-----

EROSION CONTROL BLANKET:
AREA 477 SQ-FT

6" DEEP CRUSHED FINES STONE:		
VOLUME	1	CU-YDS

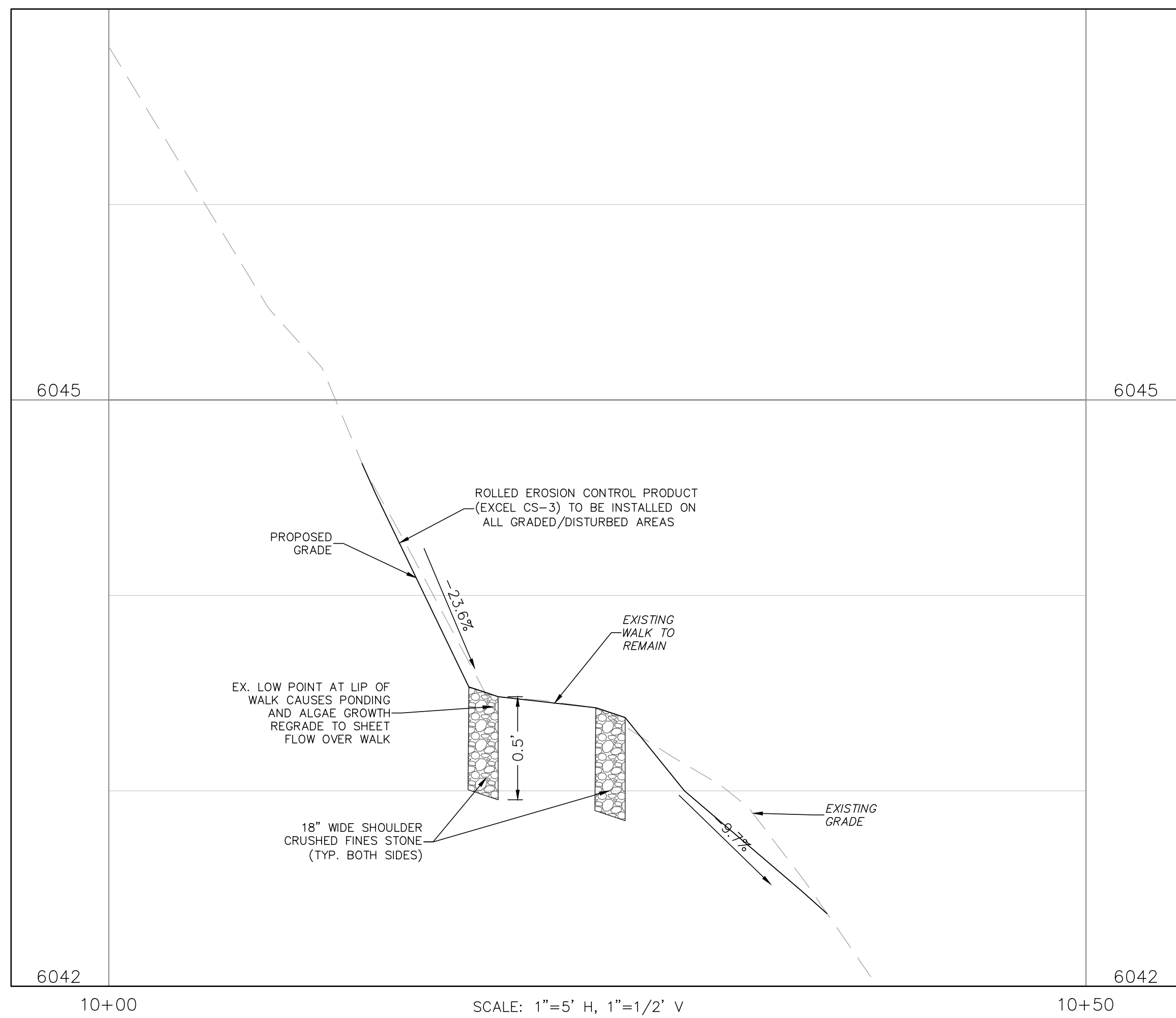
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FILE PATH: Y:\CenterPoint Engineering\1938 - Forest Trace (Aurora, CO)\6.0 - Plan Production\03 SHEETS\04 SITE AND GRADING PLAN.dwg PLOT TIME: 6/5/2024 11:03:57 AM BY: John Olivato 2

