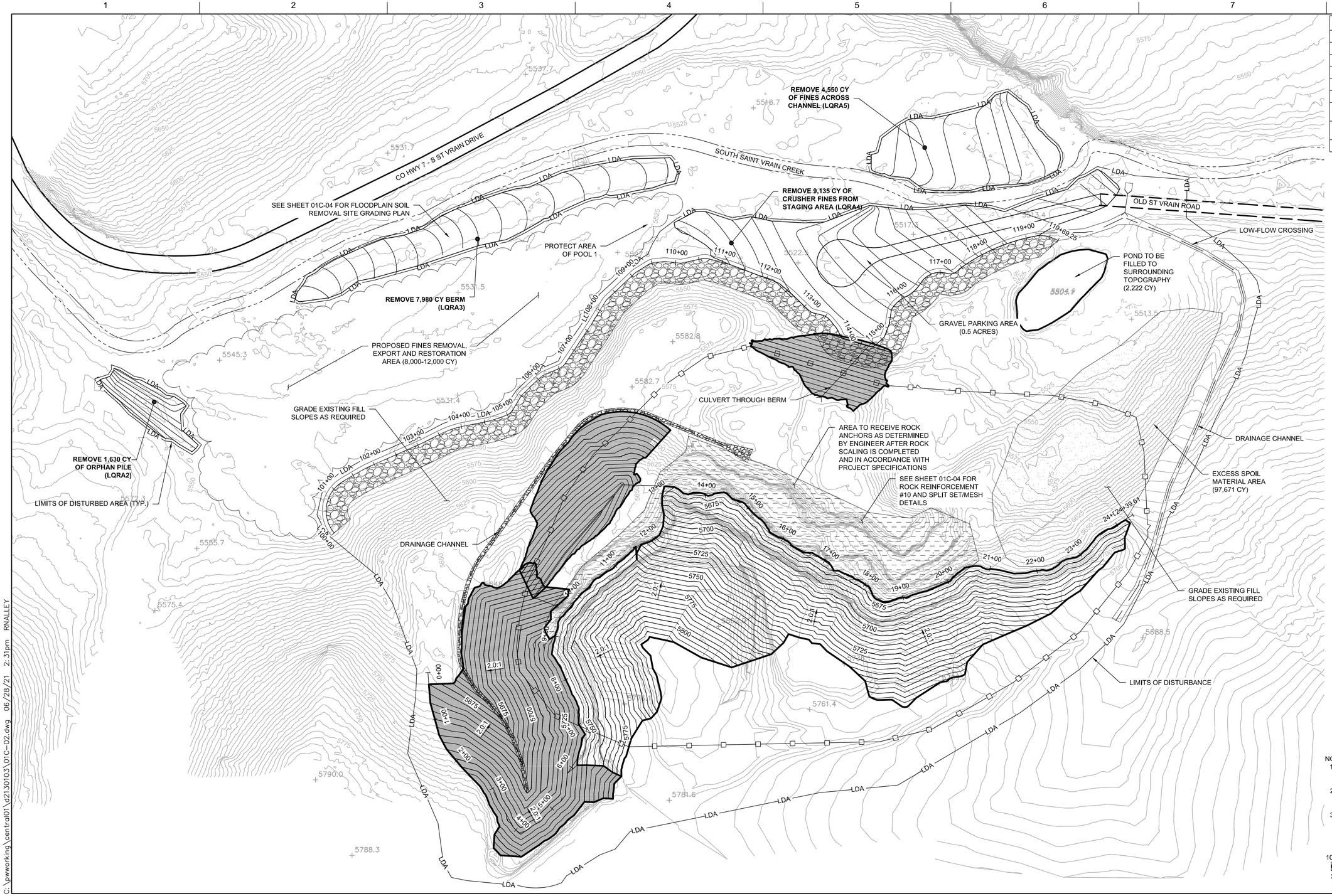


QUANTITIES TABLE		
ITEM	CUT (CU. YD.)	FILL (CU. YD.)
SLOPE GRADING	245,080	125,300
CATCHMENT BERM	-	14,278
NORTHWEST BERM	-	21,133
SEDIMENTATION POND	-	2,222
SCOUR BERM	-	19,033
FLOODPLAIN SOIL REMOVAL	23,300	13,685
FLOODPLAIN SOIL EXPORT	10,000	-
NET CUT/FILL: 82,729 CU. YD. (CUT)		

N

LEGEND

- PROPOSED SCOUR BERM
- PROPOSED DRAINAGE CHANNEL
- PROPOSED FILL SLOPE
- EXCESS SPOIL MATERIAL
- PROPOSED MAJOR CONTOUR (5700)
- PROPOSED MINOR CONTOUR
- LIMITS OF DISTURBANCE
- PROPOSED FENCE
- PROPOSED GATE
- PROPOSED CULVERT
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR

NOTES:

1. PERFORM ROCK SCALING IN ACCORDANCE WITH GROUND CONTROL SPECIFICATIONS (SECTION 31 72 16).
2. SOIL RIPRAP BACKFILL SHALL BE PLACED IN HORIZONTAL LIFTS NOT EXCEEDING 12 INCHES IN THICKNESS, DEPENDING OF THE FILL MATERIALS.
3. FINAL GRADING OF ALL FILL SLOPES, BENCHES, CREST AREAS, AND TOE AREAS SHOULD ENSURE THAT WATER IS NOT ALLOWED TO POND ON OR ADJACENT TO THE FILL SLOPES.

100 50 0 100 200
SCALE IN FEET

C:\pwworking\central01\d2130103\01C-02.dwg 06/28/21 2:31pm RNALLEY

ISSUE	DATE	DESCRIPTION
REV 1	06/29/2021	FINAL DESIGN
100%	4/16/2021	FINAL DESIGN
90%	2/12/2021	PRE-FINAL DESIGN
60%	01/22/2021	INTERMEDIATE DESIGN PACKAGE

PROJECT MANAGER TRAVIS SNYDER

DRAWN BY R. NALLEY

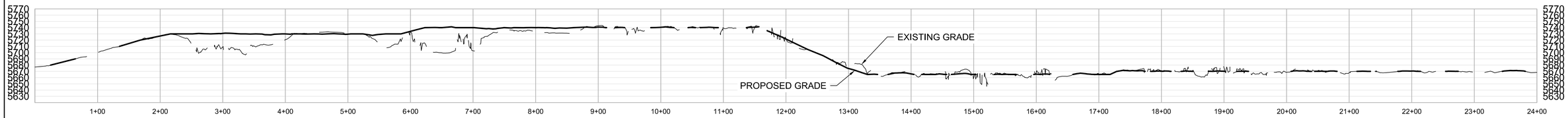
PROJECT NUMBER 10092468

COLORADO LICENSED PROFESSIONAL ENGINEER TIMOTHY J. SUTTLE 33410 6/21/2021

AGGREGATE INDUSTRIES
LYONS QUARRY
RECLAMATION PROJECT

CIVIL
FLOODPLAIN SOIL REMOVAL AND SITE GRADING PLAN

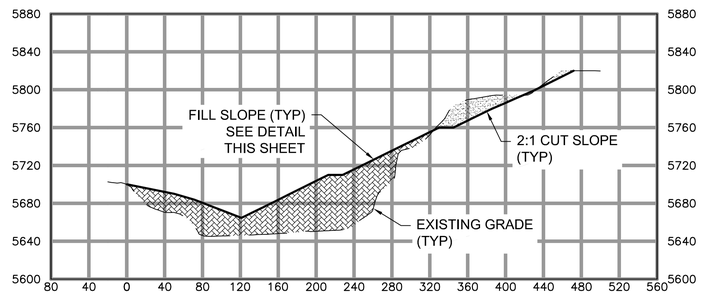
FILENAME 01C-02.dwg
SCALE AS NOTED
SHEET 01C-02



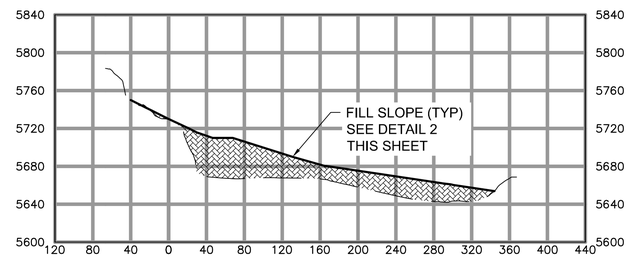
STATION
EXCAVATION BASE PROFILE
1" = 80' 01C-02

NOTES:

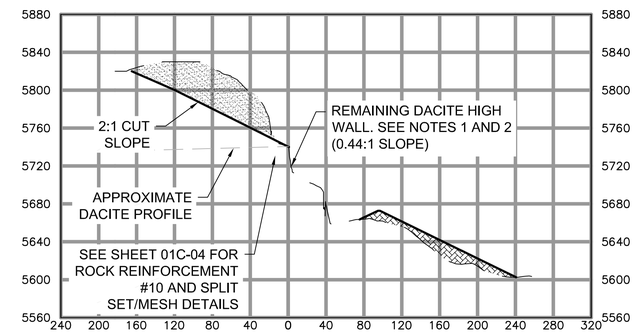
1. ROCK REINFORCEMENT MAY BE NEEDED FOR STABILIZATION WHERE LARGE BLOCKS ARE EVIDENT IN THE BEDROCK. LOCATIONS TO BE DETERMINED BY ON-SITE ENGINEER AFTER SCALING.
2. PERFORM ROCK SCALING IN ACCORDANCE WITH GROUND CONTROL SPECIFICATIONS (SECTION 31 72 16).



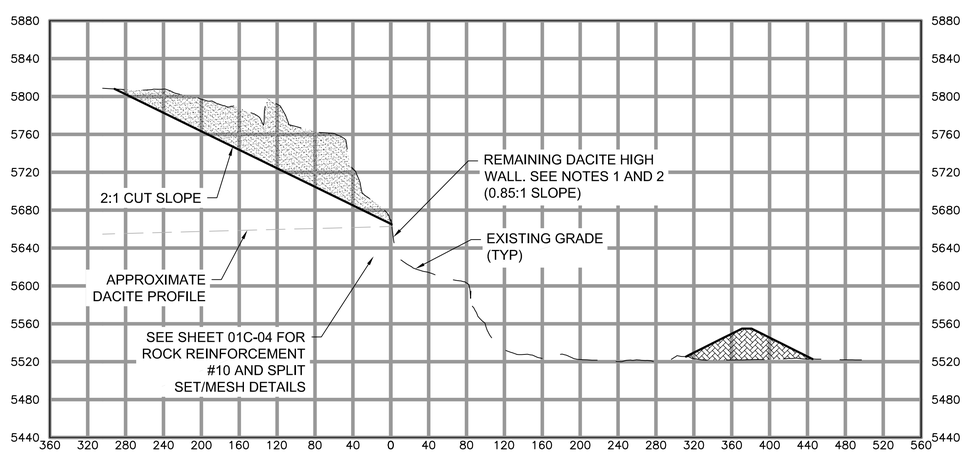
STATION 1+00
SECTION A 01C-02
1" = 80'



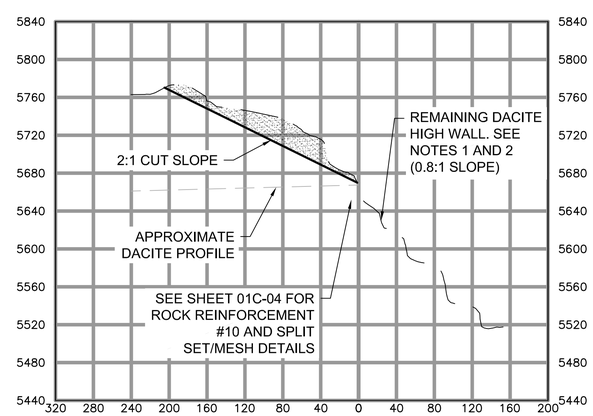
STATION 5+24
SECTION B 01C-02
1" = 80'



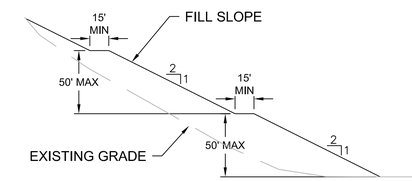
STATION 10+75
SECTION C 01C-02
1" = 80'



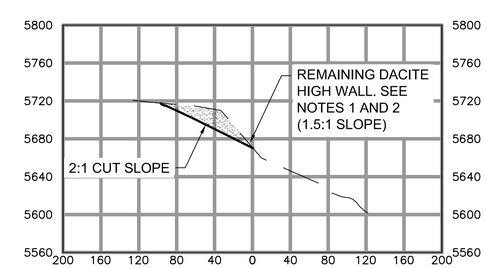
STATION 16+00
SECTION D 01C-02
1" = 80'



STATION 19+50
SECTION E 01C-02
1" = 80'



FILL SLOPE DETAIL 1 01C-03
1" = 60'



STATION 22+00
SECTION F 01C-02
1" = 80'

80 40 0 80 160
SCALE IN FEET

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ISSUE	DATE	DESCRIPTION
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100%	4/16/2021	FINAL DESIGN
90%	2/12/2021	PRE-FINAL DESIGN
60%	01/22/2021	INTERMEDIATE DESIGN PACKAGE

PROJECT MANAGER	TRAVIS SNYDER
DRAWN BY	R. NALLEY
PROJECT NUMBER	10092468

COLORADO LICENSED
TRAVIS W. SNYDER
34410
PROFESSIONAL ENGINEER

AGGREGATE INDUSTRIES
LYONS QUARRY
RECLAMATION PROJECT

CIVIL
FINAL GRADING PROFILE, SECTION, & DETAILS

FILENAME 01C-03.dwg
SCALE AS NOTED
SHEET **01C-03**