



ADDENDUM #1
Boulder County Parks and Open Space
Anne U White Trailhead Reconstruction and Stream Stabilization
BID # 7051-19

August 1, 2019

Please note: There is a revised Bid Tab included in this Addendum which replaces the original. Please submit this Bid Tab with your proposal.

The attached addendum supersedes the original Information and Specifications regarding BID # 7051-19 where it adds to, deletes from, clarifies or otherwise modifies. All other conditions and any previous addendums shall remain unchanged.

1. Question: Is there a bid bond required for this job? And if so what is the percentage?

ANSWER: The County is not requiring a bid bond for this project.

The following are questions and answers that were discussed during the Pre-bid meeting.

1. Question: Do you have preferred source for the boulders in the retaining wall?

ANSWER: No, we don't have a preferred source, but the Albert Frei Quarry in Idaho Springs, Colorado, has been identified as a possible source for the material. Please also see Exhibit A for additional boulder wall specifications.

2. Question: When do you anticipate the construction to start?

ANSWER: The exact start date depends on how long the contracting process takes, but we expect that the Notice to Proceed will be issued in the first or second week of September. The Project is to be substantially complete within forty-five (45) days from the date of the Notice to Proceed.

3. Question: Is the contractor liable for the survival of the willow stakes in the soil lifts?

ANSWER: No, the contractor is not liable for the survival of the willow stakes in soil lifts as long as the stakes were installed following the specifications in the plans and project specifications.

4. Question: Do you anticipate any rock excavation?

ANSWER: It is possible that during excavation that the contractor may encounter large rock or bed rock. If this is the case the engineer will determine the best course of action.

5. Question: Where will the excess material go?

ANSWER: Excess dirt and rock that is free of trash and organic matter will be hauled to the site stated in the ITB.

6. Question: Will Boulder County be supplying the seed?

ANSWER: No, Boulder County will not be supplying the seed.

7. Question: Will a Dewatering permit be needed?

ANSWER: No, a dewatering permit is not needed.

8. Question: Will a State Stormwater Quality Permit be needed?

ANSWER: No, a State Stormwater Quality Permit will not be needed.

9. Question: Will Boulder County be supplying the stone curbing?

ANSWER: Yes, Boulder County will be supplying and delivering the stone curbing. Please see the attached photos for an example of the curbing and layout. Please note that the contractor is not responsible for supplying or installing parking stops. The quantities and dimensions of the purchased red sandstone curbing are as follows:

- (40) 4'L x 18"H x 6" W**
- (80) 3'L x 18"H x 6" W**
- (8) 2'L x 18"H x 6" W transition pieces**

Curbing layout shall be coordinated with the Project Manager. Roughly 6-8 cuts of curbing will be required to connect the curbing at some of the corners.

10. Will Boulder County be supplying the parking lot delineator boulders?

ANSWER: The boulders can be harvested from the site. Please see the attached detail for boulder placement specifications.

11. Will Boulder County provide additional details about the installation of the soil lifts?

ANSWER: The design engineer has provided an updated detail for the soil lifts which is included in this addendum. In addition, the contractor will import road base and top soil to be mixed (75/25) and used in the installation of the soil lifts to supplement the native material.

Submittal Instructions:

BIDs are due at the Administrative Services Information Desk or email box (preferred) listed below, for time and date recording on or before **2:00 p.m. Mountain Time on August 8, 2019**. A bid opening will be conducted at 3:00 p.m. Mountain Time at county offices.

Your response can be submitted in the following ways. Please note that email responses to this solicitation are preferred, but are limited to a maximum of 50MB capacity. NO ZIP FILES ALLOWED. Electronic Submittals must be received in the email box listed below. Submittals sent to any other box will NOT be forwarded or accepted. This email box is only accessed on the due date of your questions or proposals. Please use the Delivery Receipt option to verify receipt of your email. It is the sole responsibility of the proposer to ensure their documents are received before the deadline specified above. Boulder County does not accept responsibility under any circumstance for delayed or failed email or mailed submittals.

Email purchasing@bouldercounty.org; identified as **BID # 7051-19** in the subject line.

-OR-

US Mail **One (1)** unbound copy of your submittal, printed double-sided, 11 point, on at least 50% post-consumer, recycled paper must be submitted in a sealed envelope, clearly marked as **BID # 7051-19**, to the **Administrative Services Information Desk located at 1325 Pearl Street, Boulder, CO 80302**.

All bids must be received and time and date recorded at the Administrative Services Information Desk by the above due date and time. Sole responsibility rests with the Offeror to see that their bid is received on time at the stated location(s). Any bid received after due date and time will be returned to the bidder. No exceptions will be made.

The Board of County Commissioners reserve the right to reject any and all bids, to waive any informalities or irregularities therein, and to accept the bid that, in the opinion of the Board, is in the best interest of the Board and of the County of Boulder, State of Colorado.



**RECEIPT OF LETTER
ACKNOWLEDGMENT**

August 1, 2019

Dear Vendor:

This is an acknowledgment of receipt of Addendum #1 for BID #7051-19, Anne U White Trailhead Reconstruction and Stream Stabilization.

In an effort to keep you informed, we would appreciate your acknowledgment of receipt of the preceding addendum. Please sign this acknowledgment and email it back to purchasing@bouldercounty.org as soon as possible. If you have any questions, or problems with transmittal, please call us at 303-441-3525.

Thank you for your cooperation in this matter. This information is time and date sensitive; an immediate response is requested.

Sincerely,

Boulder County Purchasing

Signed by: _____ **Date:** _____

Name of Company _____

End of Document

**Anne U White Trailhead Restoration Bid Tab -
Attachment E**

Item No.	Description	Units	Quantity	Unit Cost	Total Cost
1	Mobilization	LS	1		
2	Clear, grub and protection of designated vegetation	AC	0.2		
2.1	Tree Removal: 30' tall Spruce	LS	1		
2.2	Tree Removal: 20' tall Aspen	LS	1		
2.3	Tree Removal: 12' tall bunch of small Aspen Trees	LS	1		
2.4	Tree Removal: 25' tall Pine	LS	1		
3	Earthwork Cut	CY	1,286		
4	Furnish/ Install fill on top of rock retaining wall (fill at 2H: 1V slope in 9" loose lifts).	CY	76		
5	Erosion and Sediment Control including maintaining and removing SWMP BMPs	LS	1		
6	Furnish/ Install Soil Lifts	SF	294		
6.1	Furnish/ Install Road Base (75/25 Road Base/ Topsoil Mix)	CY	45		
6.2	Furnish/ Install Top Soil (75/25 Road Base/ Top Soil Mix)	CY	15		
7	Furnish/ Install 48" Boulder Retaining Wall North Side of the Parking Lot. Includes installation of bedding.	LF	120		
8	Furnish/ Install 18" PIP Culvert (PIP to be supplied and delivered by Owner)	LF	105		
9	Furnish/ Install Squeegee PIP bedding	CY	21		
10	Furnish/ Install 12" Riprap Toe for Soil Lifts	CY	100		
11	Furnish/ Install Type II Bedding under Riprap	CY	200		
12	Furnish/ Install Inlet to PIP Culvert	LS	1		
13	Furnish/ Install Outlet to PIP Culvert	LS	1		
14	Furnish/ Install 12"- 24" rock toe upstream of soil lifts (material onsite)	CY	9		
15	Haul and Dispose of Excess Soil	CY	1,023		
16	Parking Lot				
16.1	Install Snap Cut Lyons Red Sandstone Curbing (supplied and delivered by Owner).	LF	400		
16.2	Non-structural concrete	CY	12		
16.3	Class 6 Road Base for parking lot and curb base (supplied by Owner. Contractor responsible for haul - 16 miles)	CY	369*		
16.4	Install 20 Delineator Boulders (material onsite)	LS	1		
17	Furnish/ Install Creek Check Dam	CY	0.56		
18	Import and Install top soil	CY	180*		
19	Install fill (Onsite Material)	CY	64		
20	Revegetation: Furnish and Drill Seed Installation of Native Seed	AC	0.2		
21	Revegetation: Furnish and Install Hay/ Straw Mulch	AC	0.14		
22	Revegetation: Furnish and Install Coir Mat Erosion Control Blanket	SY	300		

23	Compaction and Concrete testing	LS	1		
24	Final survey and as-constructed documentation	LS	1		
Total Cost					

*indicates a loose quantity prior to compaction

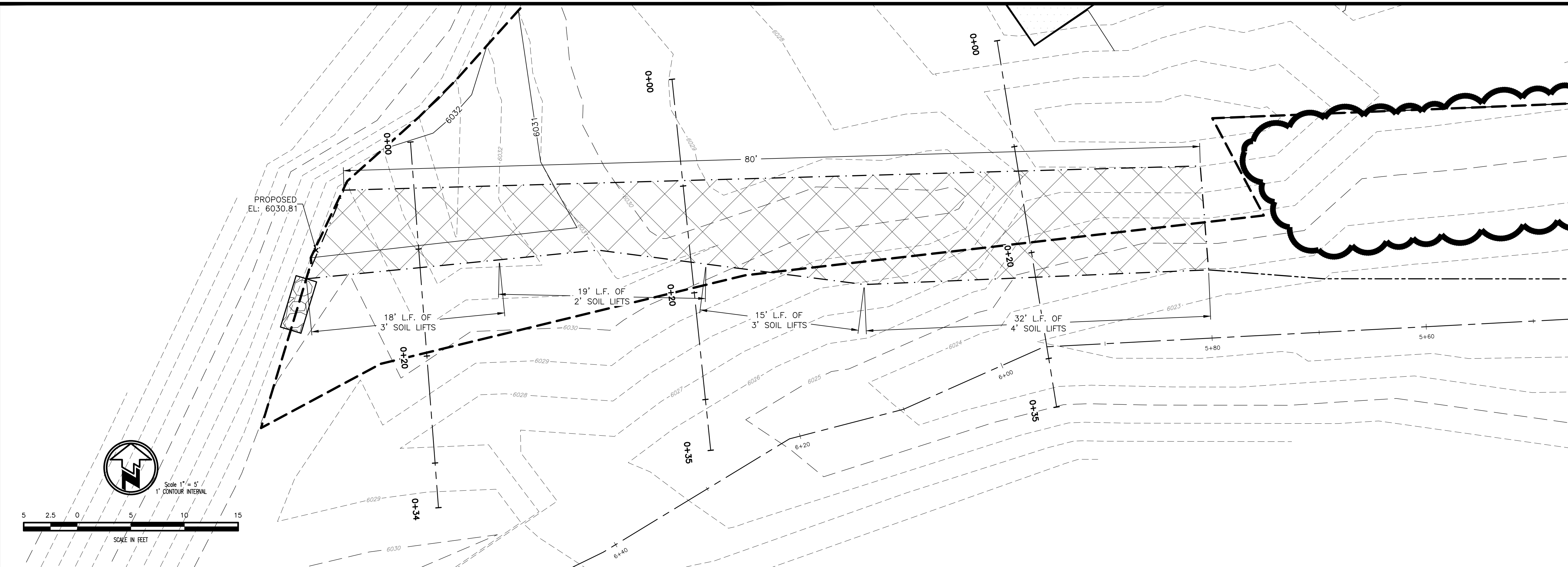
Exhibit A

ROCK RETAINING WALL SPECIFICATIONS

1. Three (3) 48-inch diameter angular rock stacked (angular in shape for interlocking).
2. First 48-inch rock buried as footer below grade, and second/third 48-inch rock stacked at max slope of 1H:1V.
3. The boulders shall be arranged so that adjacent rock surfaces match within two (2) inches in top elevation and two (2) inches along the vertical exposed face of rock. Boulders shall be placed such that adjacent boulders touch each other and voids do not exceed four (4) inches. Fill voids with smaller boulders and cobble.
4. Fill failed slope behind boulder retaining wall (approx. 80 CY), installed in 9-inch loose lifts and compacted to 90% standard proctor with MC of +/- 3% of optimum.
5. Fill above rock to be blanketed with erosion control blanket (coir mat) as specified within Erosion and Sediment Control section.
6. Boulders shall meet UDFCD specifications for B48 boulders.
 - a. Smallest dimension of boulders will range from 44 to 52 inches. Maximum ratio of largest to smallest rock dimension shall be 1.50.
 - b. Bulk density of ≥ 1.3 ton/cy.
 - c. Apparent specific gravity $\geq 2.5\%$ per AASHTO T85.
 - d. Absorption $\leq 40\%$ when tested in accordance with AASHTO T85.
 - e. Boulders shall have a percentage loss of $\leq 10\%$ after 12 cycles of freeze thaw when tested in accordance with AASHTO T103.
 - f. Boulders shall have a percentage loss of $\leq 40\%$ loss after 500 revolutions when tested in accordance with AASHTO T96.
 - g. Boulders shall have a percentage loss of $\leq 10\%$ after 5 cycles when tested in accordance with AASHTO T104.
7. Contractor shall submit laboratory test certificates for boulder retaining wall rock.
8. Contractor shall provide sample of boulder retaining wall rock for Engineer's approval. The color of the boulders shall be consistent throughout the retaining wall.
9. Contractor shall construct approximately 40 (forty) square feet of boulder retaining wall as shown on the Drawings for approval by Engineer. If approved, the Contractor shall construct the rest of the rock wall. If construction is not approved, Contractor shall make any changes and incur any costs required by the Engineer to obtain approval and construct the remainder of the wall as approved.

ANNE U. WHITE TRAILHEAD RESTORATION AND OPEN SPACE
SOIL LIFT SECTION LOCATIONS

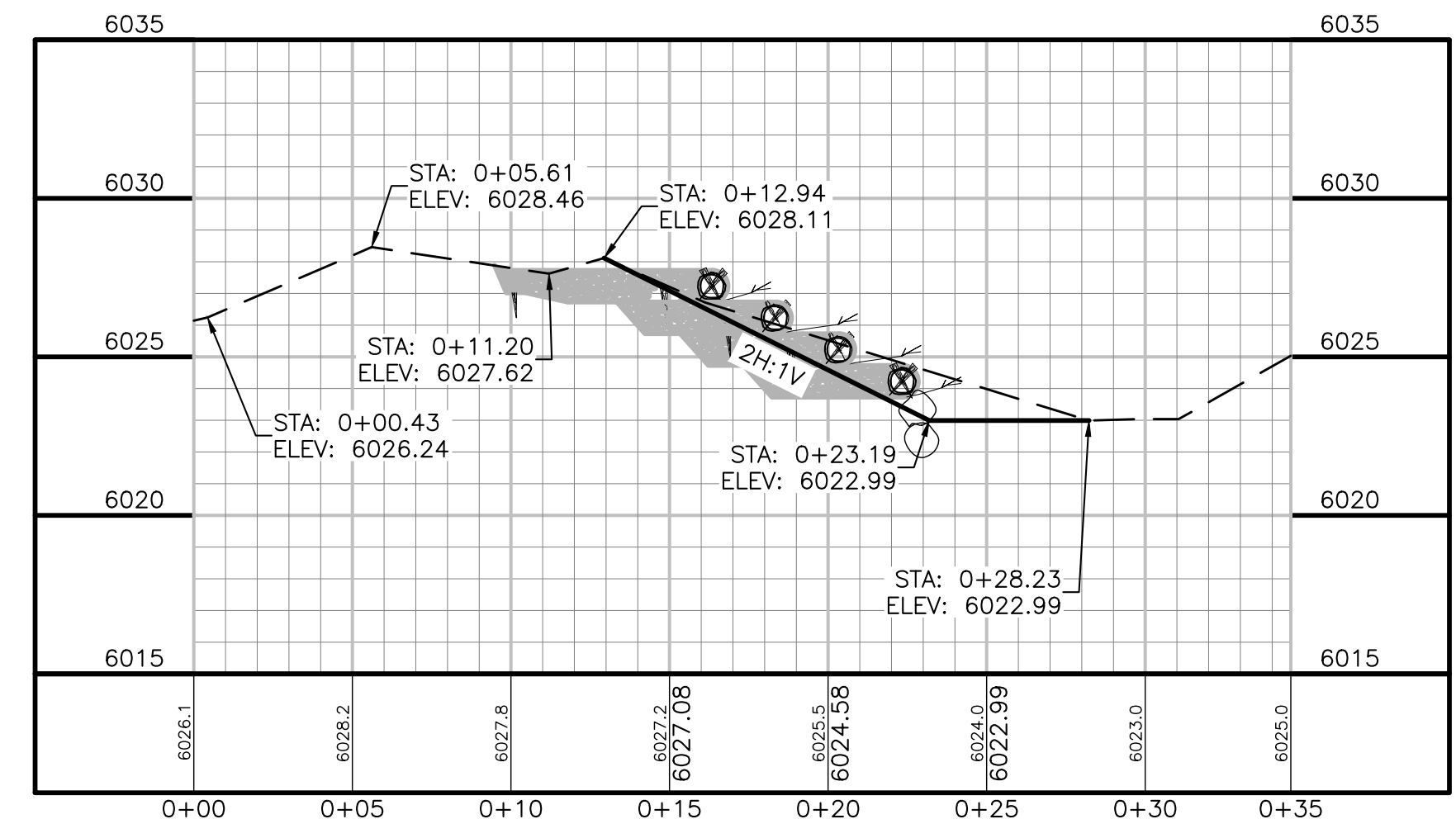
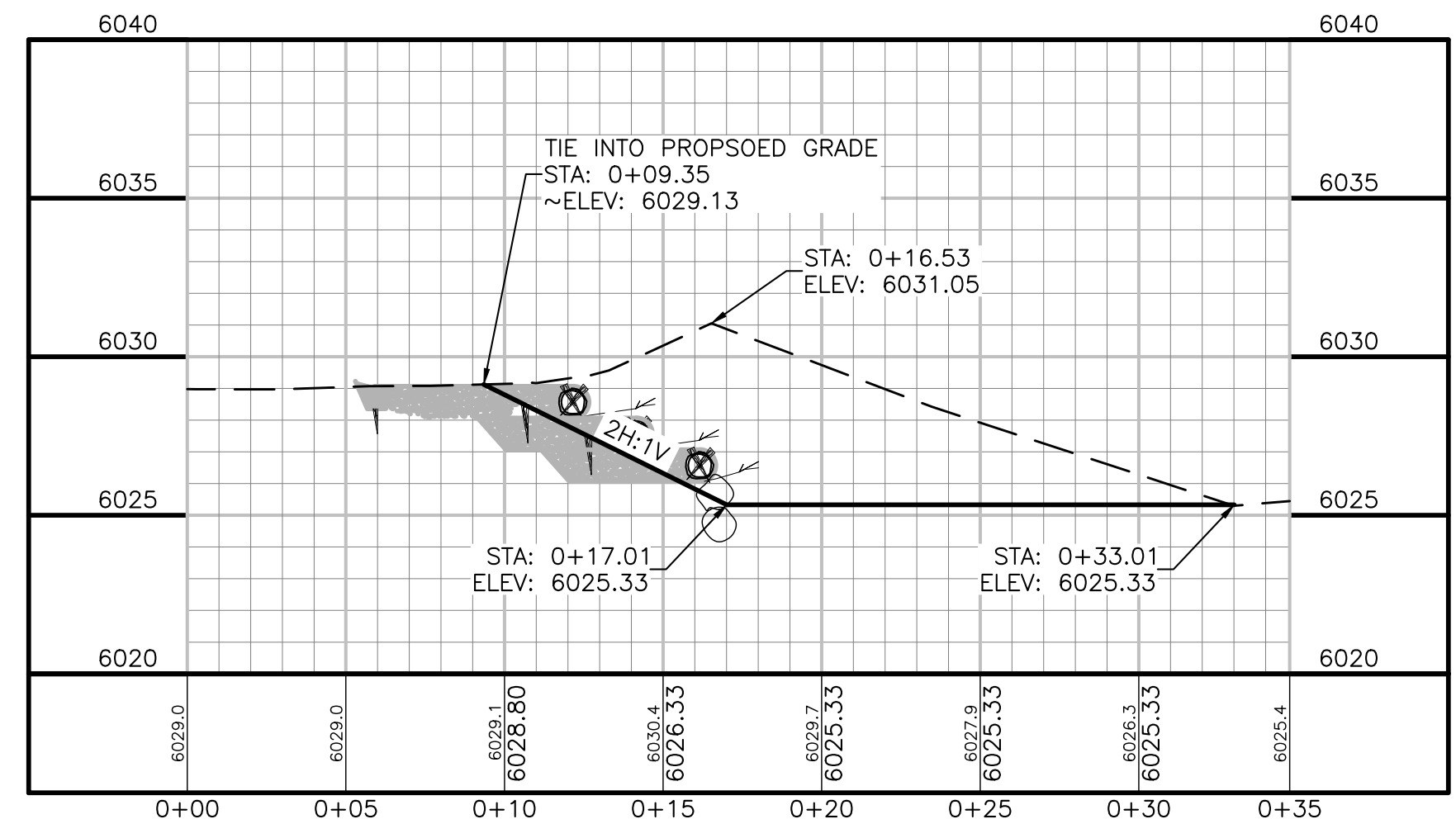
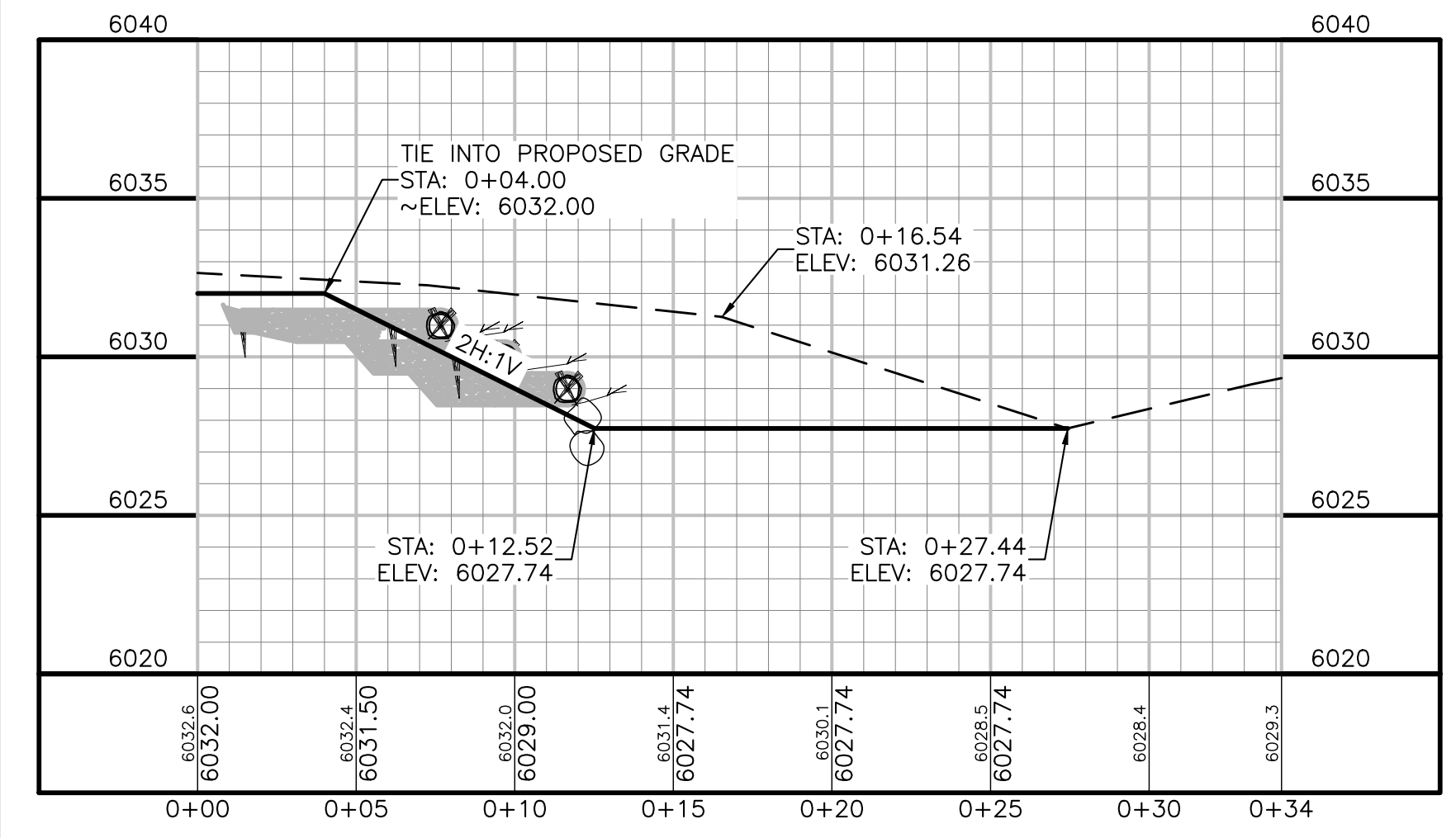
BOULDER COUNTY PARKS AND OPEN SPACE



Soil Lift 1
Vert Ex: 1

Soil Lift 2
Vert Ex: 1

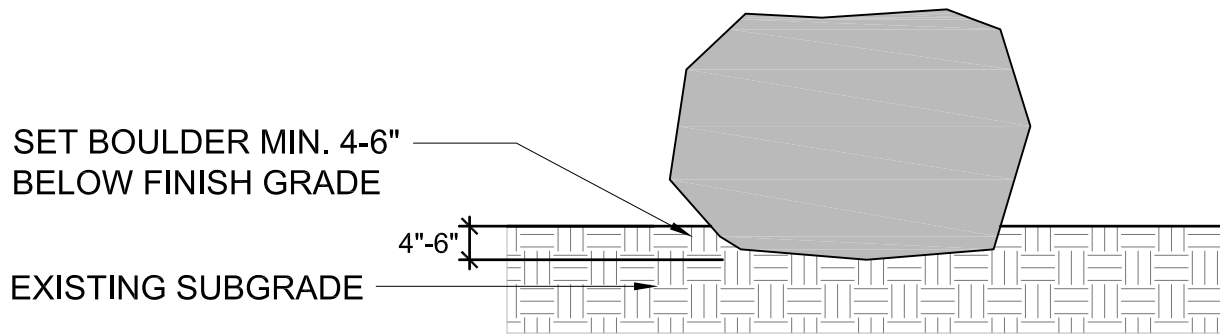
Soil Lift 3
Vert Ex: 1



NO	DATE	BY	CHK'D	DESCRIPTION
1	31/AUG/19	LLD	KB	Soil Lift Sections

Date: 01/AUG/19
 Job No: 18-123
 Drawn: TH
 Design: KAB
 Checked: SAS
 Scale: 1" = 5'





NOTES:

1. CONTRACTOR SHALL STOCKPILE APPROXIMATELY TWENTY (20) 3'-5' BOULDERS FROM THE CONSTRUCTION SITE.
2. BOULDERS TO BE SET AS PARKING LOT DELINEATORS AT THE DIRECTION OF THE PROJECT MANAGER.

1 BOULDER DELINEATOR
ADD SCALE: NTS

Stone Curbing Photos

