

4A

**Corina Mann**

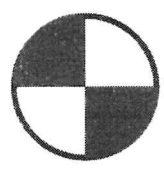
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**From:** Chad Peters <CDP@csdavidson.com>  
**Sent:** Thursday, October 12, 2023 10:53 AM  
**To:** Corina Mann; Jason Test  
**Cc:** Adam W. Anderson (aanderson@sitedc.com)  
**Subject:** Alro Steel LD Plan - Security Reduction Request #2  
**Attachments:** 20231012 Alro Security Reduction #2.pdf

Jason and Corina,

Good morning. I have reviewed the As-Built plan and the second security reduction request for Alro Steel and I am recommending the full release, and reduction of \$284,644.10. Please see attached reduction tabulation sheet. If you have any questions or concerns please don't hesitate to contact me. Thank you and have a nice day.

Respectfully,



**Chad D. Peters, PE**  
*Senior Client Representative*  
**C.S. DAVIDSON, INC.**

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**PUBLIC IMPROVEMENTS SECURITY ESTIMATE**

DEVELOPER (if applicable) Alro Steel York  
 PROJECT NAME Alro Steel York - Propsoed Expansion  
 MUNICIPALITY Hellam Township, York County PA  
 CSD Project Number 1253.3.01.03

Description	Unit	Unit Price	Estimated Quantity	Quantity To Date	To Be Completed	Bonded Amount	Amount Remaining	Authorized for Release
<b>I. SOIL EROSION &amp; SEDIMENTATION CONTROL</b>			\$194,250.00					
Rip Rap Apron (R-4)	SY	\$30.00	200	200	0	\$6,000.00	\$0.00	\$6,000.00
Rip Rap Apron (R-3)	SY	\$27.00	150	150	0	\$4,050.00	\$0.00	\$4,050.00
Compost Filter Sock (18")	LF	\$25.00	1160	1,160	0	\$29,000.00	\$0.00	\$29,000.00
Rock Construction Entrance	EA	\$1,500.00	2	2	0	\$3,000.00	\$0.00	\$3,000.00
Pumped Water Filter Bag	EA	\$1,000.00	2	2	0	\$2,000.00	\$0.00	\$2,000.00
Sediment Basin	LS	\$5,000.00	1	1	0	\$5,000.00	\$0.00	\$5,000.00
Skimmer/Anti Vortex Device	EA	\$1,800.00	1	1	0	\$1,800.00	\$0.00	\$1,800.00
Sed. Basin Baffle	LF	\$14.00	500	500	0	\$7,000.00	\$0.00	\$7,000.00
Emergency Spillway w/ Matting	SY	\$7.00	200	200	0	\$1,400.00	\$0.00	\$1,400.00
Finish Grading /Seeding/ Matting	SY	\$9.00	15000	15,000	0	\$135,000.00	\$0.00	\$135,000.00
<b>II. STORMWATER MANAGEMENT</b>			\$220,700.00					
Outlet control structure	EA	\$5,000.00	2	2	0	\$10,000.00	\$0.00	\$10,000.00
Seed & Mulch Basin	SY	\$6.00	14200	14,200	0	\$85,200.00	\$0.00	\$85,200.00
Anti-Seep Collar	EA	\$675.00	5	5	0	\$3,375.00	\$0.00	\$3,375.00
Amended Soil	CY	\$25.00	4355	4,355	0	\$108,875.00	\$0.00	\$108,875.00
Clay Liner	AC	\$2,500.00	1.2	1	0	\$3,000.00	\$0.00	\$3,000.00
Stone Dewatering Trench w/ Underdrain	LF	\$35.00	150	150	0	\$5,250.00	\$0.00	\$5,250.00
Sediment Basin Converion	LS	\$5,000.00	1	1	0	\$5,000.00	\$0.00	\$5,000.00
<b>III. STORM SEWER SYSTEM</b>			\$306,036.00					
18" RCP	LF	\$70.00	1196	1,196	0	\$83,720.00	\$0.00	\$83,720.00
21" RCP	LF	\$74.00	251	251	0	\$18,574.00	\$0.00	\$18,574.00
21" CMP	LF	\$70.00	300	300	0	\$21,000.00	\$0.00	\$21,000.00
24" RCP	LF	\$80.00	325	325	0	\$26,000.00	\$0.00	\$26,000.00
24" CMP	LF	\$77.00	154	154	0	\$11,858.00	\$0.00	\$11,858.00
27" RCP	LF	\$80.00	143	143	0	\$11,440.00	\$0.00	\$11,440.00
30" RCP	LF	\$85.00	55	55	0	\$4,675.00	\$0.00	\$4,675.00
33" RCP	LF	\$86.00	125	125	0	\$10,750.00	\$0.00	\$10,750.00
33" RCP	LF	\$84.00	182	182	0	\$15,288.00	\$0.00	\$15,288.00
36" RCP	LF	\$89.00	129	129	0	\$11,481.00	\$0.00	\$11,481.00
Type C inlet top and box	EA	\$2,000.00	6	6	0	\$12,000.00	\$0.00	\$12,000.00
48" Manhole	EA	\$3,000.00	14	14	0	\$42,000.00	\$0.00	\$42,000.00
60" Manhole	EA	\$4,800.00	3	3	0	\$14,400.00	\$0.00	\$14,400.00
Manhole Depth Greater than 8'	LF	\$350.00	26	26	0	\$9,100.00	\$0.00	\$9,100.00
36" Flared End Section	EA	\$1,000.00	1	1	0	\$1,000.00	\$0.00	\$1,000.00
30" Flared End Section	EA	\$950.00	1	1	0	\$950.00	\$0.00	\$950.00
18" Flared End Section	EA	\$400.00	3	3	0	\$1,200.00	\$0.00	\$1,200.00
Tie in to existing Storm Sewer	EA	\$1,000.00	1	1	0	\$1,000.00	\$0.00	\$1,000.00
Connect Existing Roof Leeders	EA	\$1,200.00	8	8	0	\$9,600.00	\$0.00	\$9,600.00
<b>IV. SANITARY SEWER SYSTEM</b>			\$64,300.00					
Sanitary Sewer Line	LF	\$40.00	600	600	0	\$24,000.00	\$0.00	\$24,000.00
Sanitary Drainfield	LS	\$25,000.00	1	1	0	\$25,000.00	\$0.00	\$25,000.00
Sanitary Sewer Manhole	EA	\$5,000.00	3	3	0	\$15,000.00	\$0.00	\$15,000.00
Pump Test System	EA	\$300.00	1	1	0	\$300.00	\$0.00	\$300.00
<b>V. STREET CONSTRUCTION (Keeney Ln.)</b>			\$319,085.00					
Remove Ex. Bituminous Pavement	SY	\$6.00	4,480	4,480	0	\$26,880.00	\$0.00	\$26,880.00
Subgrade Excavation	CY	\$12.00	1,000	1,000	0	\$12,000.00	\$0.00	\$12,000.00
Sawcut	LF	\$2.00	325	325	0	\$650.00	\$0.00	\$650.00
Remove Ex. Concrete Curbing	LF	\$7.00	625	625	0	\$4,375.00	\$0.00	\$4,375.00
Embankment Grading	CY	\$12.00	700	700	0	\$8,400.00	\$0.00	\$8,400.00
Aggregate Base 2A 6" Thick	SY	\$7.00	5,600	5,600	0	\$39,200.00	\$0.00	\$39,200.00
Concrete Curbing	LF	\$25.00	2,688	2,688	0	\$67,200.00	\$0.00	\$67,200.00
Base Course 4.5" Thick	Ton	\$74.00	1,420	1,420	0	\$105,080.00	\$0.00	\$105,080.00
Wearing Course 1.5" Thick	Ton	\$80.00	475	475	0	\$38,000.00	\$0.00	\$38,000.00
Fine Grading and Seeding	SY	\$9.00	1,000	1,000	0	\$9,000.00	\$0.00	\$9,000.00

Description	Unit	Unit Price	Estimated Quantity	Quantity To Date	To Be Completed	Bonded Amount	Amount Remaining	Authorized for Release
Inlet Protection	EA	\$150.00	2	2	0	\$300.00	\$0.00	\$300.00
Signage and Traffic Control	LS	\$8,000.00	1	1	0	\$8,000.00	\$0.00	\$8,000.00
<b>VI. SITE WORK</b>			\$610,500.00					
Clearing, Grubbing, Tree Removal	LS	\$40,000.00	1	1	0	\$40,000.00	\$0.00	\$40,000.00
Strip Topsoil and Stockpile	CY	\$5.00	10,500	10,500	0	\$52,500.00	\$0.00	\$52,500.00
Rough Grading and Excavation	CY	\$5.00	53,000	53,000	0	\$265,000.00	\$0.00	\$265,000.00
Place Topsoil	SY	\$3.50	25,000	25,000	0	\$87,500.00	\$0.00	\$87,500.00
Finish Grading and Seeding	SY	\$5.00	33,100	33,100	0	\$165,500.00	\$0.00	\$165,500.00
<b>VII. MISCELLANEOUS</b>			\$102,870.00					
Pre-Cast Concrete Bumper Blocks	EA	\$120.00	112	112	0	\$13,440.00	\$0.00	\$13,440.00
Parking Lighting w/pole and base	EA	\$2,200.00	4	4	0	\$8,800.00	\$0.00	\$8,800.00
Wall Mount Lights	EA	\$600.00	9	9	0	\$5,400.00	\$0.00	\$5,400.00
Relocate Existing Utility Pole	EA	\$1,500.00	4	4	0	\$6,000.00	\$0.00	\$6,000.00
ADA Signage w/ Post	EA	\$150.00	5	5	0	\$750.00	\$0.00	\$750.00
Trees	EA	\$400.00	115	115	0	\$46,000.00	\$0.00	\$46,000.00
Shrubs	EA	\$40.00	162	162	0	\$6,480.00	\$0.00	\$6,480.00
Misc Landscaping	LS	\$10,000.00	1	1	0	\$10,000.00	\$0.00	\$10,000.00
As-Built Plans	EA	\$6,000.00	1	1	0	\$6,000.00	\$0.00	\$6,000.00
ESTIMATED CONSTRUCTION COST, TOTALS						\$1,817,741.00	\$0.00	\$1,817,741.00
<b>VIII 10% CONTINGENCY</b>	Ea	N/A	1		1	\$181,774.10	\$0.00	\$181,774.10
TOTAL SECURITY						\$1,999,515.10		
REMAINING SECURITY							\$0.00	
LESS PREVIOUS TOTAL								\$1,714,871.00
<b>NET DRAW</b>								\$284,644.10

I CERTIFY THAT THIS ESTIMATE IS ACCURATE BASED ON MY QUALIFICATIONS AND EXPERIENCE			
Chad D. Peters	P.E.		DATE: 10/12/2023
(printed name)		(signature)	
Estimate Prepared By: _____		Inspector _____	