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## Corina Mann

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**From:** Chad Peters <CDP@csdavidson.com>  
**Sent:** Thursday, May 25, 2023 10:50 AM  
**To:** Corina Mann; Hellam Township Zoning  
**Subject:** Bentley Farms - Security Reduction #4  
**Attachments:** Ltr Bond Reduction Request 5-23-23.pdf; 2023-05-25 Security Reduction #4.pdf

Corina and Jason,

Good morning. I have reviewed the attached security reduction request for Bentley Farms and I am recommending a formal reduction of **\$11,781.00** based on field verification of completed activities. Please see attached reduction tabulation sheet. Please forward this on to the Applicant. Additionally, the Applicant still has \$2,200.00 remaining for the required As-built plan, of which has not been submitted. 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, P.E.  
*Client Representative*  
**C.S. DAVIDSON, INC.**  
(717) 814-4516 (direct)  
(610) 739-0303 (cell)

Developer (if applicable): Bentley Farms, LP  
Project Name: Bentley Farms Wedding Venue  
Municipality: Hellam Township

Engineer Project No: 1253.3.16.01  
Date: 5/25/2023

Description	Unit	Unit Price	Estimated Quantity	Quantity To Date	To Be Completed	Bonded Amount	Amount Remaining	Authorized for Release
<b>I. SITE WORK</b>			<b>\$64,500.00</b>					
Clearing and Grubbing	AC	\$3,200.00	2	2	0	\$6,400.00	\$0.00	\$6,400.00
Strip Top Soil & Stockpile	CY	\$4.00	1,340	1,340	0	\$5,360.00	\$0.00	\$5,360.00
Site Excavation and Fill	CY	\$5.00	1,470.0	1,470.0	0.0	\$7,350.00	\$0.00	\$7,350.00
Top Soil/Seed/Mulch	SY	\$6.00	7,565.0	7,565.0	0.0	\$45,390.00	\$0.00	\$45,390.00
<b>II. SOIL EROSION &amp; SEDIMENTATION CONTROL</b>			<b>\$15,758.00</b>					
Rock Construction Entrance	EA	\$800.00	1	1	0	\$800.00	\$0.00	\$800.00
Compost Filter Sock, 12"	LF	\$11.00	110	110	0	\$1,210.00	\$0.00	\$1,210.00
Compost Filter Sock, 18"	LF	\$13.00	96	96	0	\$1,248.00	\$0.00	\$1,248.00
Compost Filter Sock, 32"	LF	\$15.00	206	206	0	\$3,090.00	\$0.00	\$3,090.00
Grass Swale/Berm/Grading/Seeding/Lining	SY	\$20.00	450	450	0	\$9,000.00	\$0.00	\$9,000.00
Riprap Apron	TON	\$55.00	2	2	0	\$110.00	\$0.00	\$110.00
Inlet Protection	EA	\$100.00	3	3	0	\$300.00	\$0.00	\$300.00
<b>III. STORMWATER MANAGEMENT</b>			<b>\$139,740.00</b>					
Infiltration Trench Excavation	CY	\$5.00	1,612	1,612	0	\$8,060.00	\$0.00	\$8,060.00
Infiltration Trench/Bed - No. 3 Stone	TON	\$20.00	2,178	2,178	0	\$43,560.00	\$0.00	\$43,560.00
Non-woven Geotextile	SY	\$5.00	1,735	1,735	0	\$8,675.00	\$0.00	\$8,675.00
12" Perforated HDPE	LF	\$65.00	371	371	0	\$24,115.00	\$0.00	\$24,115.00
18" Diam. Cleanout Grate Top	EA	\$120.00	1	1	0	\$120.00	\$0.00	\$120.00
18" Diam. Cleanout Cover Top	EA	\$50.00	9	9	0	\$450.00	\$0.00	\$450.00
18" HDPE Cleanout Riser Pipe	LF	\$70.00	87	87	0	\$6,090.00	\$0.00	\$6,090.00
12" HDPE Discharge Pipe	LF	\$65.00	275	275	0	\$17,875.00	\$0.00	\$17,875.00
8" HDPE Discharge Pipe	LF	\$55.00	45	45	0	\$2,475.00	\$0.00	\$2,475.00
6" HDPE Discharge Pipe	LF	\$45.00	142	142	0	\$6,390.00	\$0.00	\$6,390.00
18" SLCPP	LF	\$45.00	74	74	0	\$3,330.00	\$0.00	\$3,330.00
Type-M Inlet (2'x4')	EA	\$1,900.00	4	4	0	\$7,600.00	\$0.00	\$7,600.00
Stormwater Manhole (4') w/ Frame/Lid	EA	\$3,000.00	3	3	0	\$9,000.00	\$0.00	\$9,000.00
As-built Plan	LS	\$2,000.00	1	0	1	\$2,000.00	\$2,000.00	\$0.00
<b>IV. STREET CONSTRUCTION</b>			<b>\$47,600.00</b>					
Subgrade Prep/Grading	SY	\$5.00	1,190	1,190	0	\$5,950.00	\$0.00	\$5,950.00
6" 3A Aggregate Base	SY	\$15.00	1,190	1,190	0	\$17,850.00	\$0.00	\$17,850.00
2" 25mm Superpave Binder Course	SY	\$11.00	1,190	1,190	0	\$13,090.00	\$0.00	\$13,090.00
1 1/2" 9.5mm Superpave Wearing Course	SY	\$9.00	1,190	1,190	0	\$10,710.00	\$0.00	\$10,710.00
<b>V. PARKING AREA CONSTRUCTION</b>			<b>\$97,692.00</b>					
Subgrade Prep/Grading	SY	\$5.00	2,326	2,326	0	\$11,630.00	\$0.00	\$11,630.00
Geogrid Mesh Lining	SY	\$5.00	2,326	2,326	0	\$11,630.00	\$0.00	\$11,630.00
6" Sand/Gravel Base	SY	\$15.00	2,326	2,326	0	\$34,890.00	\$0.00	\$34,890.00
Permeable Geogrid Paving System	SY	\$11.00	2,326	1,449	0	\$25,586.00	\$0.00	\$25,586.00
Top Soil and Seeding	SY	\$6.00	2,326	1,449	0	\$13,956.00	\$0.00	\$13,956.00
<b>VI. MISCELLANEOUS</b>			<b>\$34,290.00</b>					
Stop Sign w/ Post	EA	\$210.00	1	1	0	\$210.00	\$0.00	\$210.00
Light Pole w/ Fixture	EA	\$1,500.00	10	10	0	\$15,000.00	\$0.00	\$15,000.00
Tree	EA	\$200.00	53	53	0	\$10,600.00	\$0.00	\$10,600.00
Shrub	EA	\$75.00	55	55	0	\$4,125.00	\$0.00	\$4,125.00
Concrete Bumper Blocks	EA	\$65.00	67	2.0	0.0	\$4,355.00	\$0.00	\$4,355.00
<b>ESTIMATED CONSTRUCTION COST, TOTALS</b>						<b>\$399,580.00</b>	<b>\$2,000.00</b>	<b>\$397,580.00</b>
<b>VII. 10% CONTINGENCY</b>	Ea	N/A	1		1	\$39,958.00	\$200.00	\$39,758.00
1	TOTAL SECURITY					\$439,538.00		
2	REMAINING SECURITY						\$2,200.00	
3	LESS PREVIOUS TOTAL							\$425,557.00
4	<b>NET DRAW</b>							<b>\$11,781.00</b>

I CERTIFY THAT THIS ESTIMATE IS ACCURATE BASED ON MY QUALIFICATIONS AND EXPERIENCE.		
Chad D. Peters, P.E.		Date: 5/25/2023
(printed name)	(signature)	
Estimate Prepared By: Chad D. Peters		Inspector: _____