

INT-139 - BALLENGER CREEK

Project Name: BALLENGER CREEK
 140 WEST PATRICK STREET
 Frederick, MD 21701 USA



Architect: WHITMAN,REQUARDT & ASSOCIATES,LLP
Engineer: DHILLON ENGINEERING,INC
Customer: ACE SERVICE INC

Job Type: Lump Sum

Estimator: admin
Creation Date: 11/16/2022
Last Modified: 11/16/2022
Status: Complete

Escalation: No

Segment Summary

Segment	Rebar Wgt	Plain Wgt	Misc. Wgt	Total (Lbs)	Costing
Included Segments:					
FOUNDATION (PUMP STATION)	29,757	0	0	29,757	No
PEDESTAL	169	0	0	169	No
MAT FOOTING	16,659	0	0	16,659	No
FOUNDATION WALL	5,872	0	0	5,872	No
SLAB ON GRADE	4,689	0	0	4,689	No
MASONRY WALL	2,368	0	0	2,368	No

INT-139 - BALLENGER CREEK**Estimate Defaults**

Size Unit: Imperial	Building Code: ACI 1983
Length Unit: Feet - Inches	Concrete Strength: 3000
Weight Unit: Pounds	Lap Table:
Soft Hooks: No	Estimating Lap: 48D
Seismic Hooks: No	Steel Manufactured In: ANY
	Tie Clearance: 0-012
	Spiral Clearance: 0-03
	Spacing Tolerance: 0-00
Rebar Coating: Black	Rebar Grade: 60
Plain Coating: Black	Plain Grade: 60
Number of lap lengths to extend a stock bar before lapping: 1	

INT-139 - BALLENGER CREEK

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes
1	GI	Segment: FOUNDATION (PUMP STATION) Sub-Segment: PEDESTAL																	
2	MT	1'-10" X9" - 6 EACH - REF- 1/S-2																	
3	TR	BF		60	3			6*2	16/5	H	1-06	0-09	0-10					116	3-#5 @12" EF..D&E
4	TR	TA		60		1-06	1-00	6	10/3	L	0-09	1-10		0-00	1			53	#3 @12" TIES.
5	GI	Segment: FOUNDATION (PUMP STATION) Sub-Segment: MAT FOOTING																	
6	MT	12" THK- MAT FTG. 940 SQ FT -(REF- S-4 & S-5)																	
7	TR	BF		60	46			2	19/6	S	38-00	3-00						5,665	#6 @8" CONT.T&B
8	TR	BF		60	48			2	16/5	S	35-04	2-06						3,788	#5 @8" TRANS.T&B
9	TR	BF		60	60			1	13/4	L	5-11							237	#4 @48" O.C STANDEE.
10	MT	WALL DOWLS																	
11	TR	BF		60	295			2	16/5	H	5-00	1-10	1-10					5,334	#5 @8" D/V.EF.
12	TR	BF		60	95			1	16/5	H	5-00	1-10						677	#5 @8" D/V.
13	TR	BF		60	95			1	16/5	H	5-00	1-10	2-10					958	#5 @8" D/V.
14	GI	Segment: FOUNDATION (PUMP STATION) Sub-Segment: FOUNDATION WALL																	
15	MT	12",1'-3",2'-8"&3'-0" THK.WALL - REF- (S-4 &S-5) - 245 LFT																	
16	TR	LS		60		5-00	0-08	2	16/5	S	245-00				1	48D	30-00	4,975	#5 @8" HORIZ.EF
17	TR	BF		60		5-00	0-08	8	16/5	H	2-06	2-06						375	#5 COR.
18	TR	BF		60		132-00	1-04	1	16/5	S	5-00							521	#5 @16" CMU DWL.
19	GI	Segment: FOUNDATION (PUMP STATION) Sub-Segment: SLAB ON GRADE																	
20	MT	12" THK- SOG- REF- A/S-4 - 260 SQ FT																	
21	TR	LS		60		9-02	0-08	2	16/5	S	28-00				1	48D	30-00	876	#5 @8" LW.T&B
22	TR	LS		60		28-00	0-08	2	19/6	S	9-02				1	48D	30-00	1,184	#6 @8" SW.T&B
23	TR	BF		60	18			1	13/4	L	5-11							71	#4 @48" O.C STANDEE.
24	MT	12" THK- SOG- REF- A/S-4 - 325 SQ FT																	
25	TR	RA		60		0-08	0-08	1	16/5	H	18-00	18-00	0-10	0-10		48D	30-00	1,100	#5 @8" EW.T
26	TR	RA		60		0-08	0-08	1	16/5	S	18-00	18-00				48D	30-00	1,052	#5 @8" EW.T
27	MT	THICKEND SLAB - REF- 1/S-4 - 85 LFT																	
28	TR	BF		60	2			1	16/5	S	85-00	5-00						188	2-#5 CONT.
29	TR	BF		60	2			4	16/5	H	2-06	2-06						42	#5 COR.
30	MT	6" THK.CONCRETE PAD - REF- S-3																	
31	TR	RA		60		0-08	0-08	1	16/5	S	7-003	7-003				48D	30-00	176	#5 @8" EW.
32	GI	Segment: FOUNDATION (PUMP STATION) Sub-Segment: MASONRY WALL																	
33	MT	8" THK - CMU - 100 LFT - REF- A-2																	
34	TR	BF		60		132-00	1-04	1	16/5	S	17-00							1,773	#5 @16" O.C VERT.
35	TR	BF		60	2			7	16/5	S	20-00							292	2-#5 BB.
36	TR	BF		60	2			4	16/5	H	2-06	2-06						42	2-#5 BB.COR.
37	TR	BF		60	1			2	16/5	S	17-00							35	1-#5 JB.
38	TR	BF		60	1			1	16/5	S	6-00	2-00	2-00					10	1-#5 LINTEL.
39	TR	BF		60	2			4	16/5	S	17-00							142	2-#5 COR.V
40	TR	BF		60	2			1	16/5	S	35-04							74	2-#5 BB.

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Rebar Sub-Segment Summary

Segment: FOUNDATION (PUMP STATION)

Sub-Segment: PEDESTAL

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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** Grade 60, Black **

10/3	53	0	0	53	0
16/5	116	0	116	0	0
	<u>169</u>	<u>0</u>	<u>116</u>	<u>53</u>	<u>0</u>

Sub-Segment: MAT FOOTING

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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** Grade 60, Black **

13/4	237	0	0	237	0
16/5	10,757	3,788	6,969	0	0
19/6	5,665	5,665	0	0	0
	<u>16,659</u>	<u>9,453</u>	<u>6,969</u>	<u>237</u>	<u>0</u>

Sub-Segment: FOUNDATION WALL

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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** Grade 60, Black **

16/5	5,872	5,497	375	0	4,506
	<u>5,872</u>	<u>5,497</u>	<u>375</u>	<u>0</u>	<u>4,506</u>

Sub-Segment: SLAB ON GRADE

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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** Grade 60, Black **

13/4	71	0	0	71	0
16/5	3,434	2,818	616	0	188
19/6	1,184	1,184	0	0	0
	<u>4,689</u>	<u>4,002</u>	<u>616</u>	<u>71</u>	<u>188</u>

Sub-Segment: MASONRY WALL

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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** Grade 60, Black **

16/5	2,368	2,326	42	0	0
	<u>2,368</u>	<u>2,326</u>	<u>42</u>	<u>0</u>	<u>0</u>

Rebar Sub-Segment Summary

Segment: FOUNDATION (PUMP STATION)

Total for Segment: FOUNDATION (PUMP STATION)

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
10/3	53	0	0	53	0
13/4	308	0	0	308	0
16/5	22,547	14,429	8,118	0	4,694
19/6	6,849	6,849	0	0	0
	<u>29,757</u>	<u>21,278</u>	<u>8,118</u>	<u>361</u>	<u>4,694</u>

Estimate Totals

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
10/3	53	0	0	53	0
13/4	308	0	0	308	0
16/5	22,547	14,429	8,118	0	4,694
19/6	6,849	6,849	0	0	0
	<u>29,757</u>	<u>21,278</u>	<u>8,118</u>	<u>361</u>	<u>4,694</u>