

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT



Project Name: Halifax High School  
Location: High School CIR, South Boston, VA 24592

Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT HOURS	TOTAL MANHOURS	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
<b>01. GENERAL CONDITIONS</b>															<b>\$0</b>
<b>GENERAL CONDITIONS</b>															
1		Permit	1.0	0%	1.0	LS	\$ -	\$ -	0.00	0.00	\$ -	\$ -	\$ -		
2		Supervision	1.0	0%	1.0	LS	\$ -	\$ -	0.00	0.00	\$ -	\$ -	\$ -		
3		Final Cleanup	1.0	0%	1.0	LS	\$ -	\$ -	0.00	0.00	\$ -	\$ -	\$ -		
4		Mobilization Cost	1.0	0%	1.0	LS	\$ -	\$ -	0.00	0.00	\$ -	\$ -	\$ -		
5		Project Overheads	1.0	0%	1.0	LS	\$ -	\$ -	0.00	0.00	\$ -	\$ -	\$ -		
6		Bonds	1.0	0%	1.0	LS	\$ -	\$ -	0.00	0.00	\$ -	\$ -	\$ -		
7		Fees (Architect & Engineer)	1.0	0%	1.0	LS	\$ -	\$ -	0.00	0.00	\$ -	\$ -	\$ -		
8		Temporary Control & Facilities	1.0	0%	1.0	LS	\$ -	\$ -	0.00	0.00	\$ -	\$ -	\$ -		
<b>03. CONCRETE</b>															<b>\$2,766,003</b>
<b>CONCRETE FOR FOUNDATION</b>															
<b>Pad Footings</b>															
9		F4.5: 4'-6"x4'-6"x1'-0" Concrete Pad Footing w/ (4) #5 Rebar's Each Way (28 EA)	30.0	5%	31.5	CY	\$ 350.00	\$ 11,025	4.00	126.00	\$ 40.00	\$ 5,040	\$ 16,065		
10		F5.0: 5'-0"x5'-0"x1'-0" Concrete Pad Footing w/ (5) #5 Rebar's Each Way (12 EA)	31.5	5%	33.1	CY	\$ 350.00	\$ 11,569	4.00	132.22	\$ 40.00	\$ 5,289	\$ 16,858		
11		F4.0: 4'-0"x4'-0"x1'-1" Concrete Pad Footing w/ (4) #5 Rebar's Each Way (37 EA)	38.0	5%	39.9	CY	\$ 350.00	\$ 13,961	4.00	159.79	\$ 40.00	\$ 6,391	\$ 20,373		
12		F6.5: 6'-0"x6'-0"x1'-1" Concrete Pad Footing w/ (6) #5 Rebar's Every Way (3 EA)	18.0	5%	18.9	CY	\$ 350.00	\$ 6,608	4.00	75.52	\$ 40.00	\$ 3,021	\$ 9,629		
13		F6.0: 6'-0"x6'-0"x1'-2" Concrete Pad Footing w/ (7) #5 Rebar's Each Way (94 EA)	171.6	5%	180.2	CY	\$ 350.00	\$ 63,063	4.00	720.72	\$ 40.00	\$ 28,829	\$ 91,892		
14		F7.0: 7'-0"x7'-0"x1'-5" Concrete Pad Footing w/ (6) #6 Rebar's Each Way (1 EA)	30.9	5%	32.5	CY	\$ 350.00	\$ 11,365	4.00	129.88	\$ 40.00	\$ 5,195	\$ 16,560		
15		F7.5: 7'-6"x7'-6"x1'-6" Concrete Pad Footing w/ (7) #6 Rebar's Each Way (100 EA)	375.0	5%	393.8	CY	\$ 350.00	\$ 137,813	4.00	1575.00	\$ 40.00	\$ 63,000	\$ 200,813		
16		F8.0: 8'-0"x8'-0"x1'-8" Concrete Pad Footing w/ (10) #6 Rebar's Each Way (1 EA)	26.3	5%	27.6	CY	\$ 350.00	\$ 9,647	4.00	110.25	\$ 40.00	\$ 4,410	\$ 14,057		
<b>Continuous Footings</b>															
17		WF2.0: 2'-0"x1'-0" Continuous Concrete Footing w/ (3) #5 Continuous Rebar's (148.91 LF)	18.5	5%	19.4	CY	\$ 350.00	\$ 6,806	4.00	77.78	\$ 40.00	\$ 3,111	\$ 9,917		
18		WF2.5: 2'-6"x1'-0" Continuous Concrete Footing w/ (3) #5 Continuous Rebar's (2163.49 LF)	259.3	5%	272.2	CY	\$ 350.00	\$ 95,278	4.00	1088.89	\$ 40.00	\$ 43,556	\$ 138,833		
19		WF3.0: 3'-0"x1'-0" Continuous Concrete Footing w/ (3) #5 Continuous Rebar's (317.44 LF)	83.3	5%	87.5	CY	\$ 350.00	\$ 30,625	4.00	350.00	\$ 40.00	\$ 14,000	\$ 44,625		
20		WF3.5: 3'-6"x1'-2" Continuous Concrete Footing w/ (3) #5 Continuous Rebar's (311.18 LF)	83.4	5%	87.6	CY	\$ 350.00	\$ 30,656	4.00	350.35	\$ 40.00	\$ 14,014	\$ 44,670		
21		WF4.0: 4'-0"x1'-2" Continuous Concrete Footing w/ (4) #5 Continuous Rebar's (802.40 LF)	171.6	5%	180.2	CY	\$ 350.00	\$ 63,063	4.00	720.72	\$ 40.00	\$ 28,829	\$ 91,892		
22		WF4.5: 4'-6"x1'-4" Continuous Concrete Footing w/ (6) #5 Continuous Rebar's (165.89 LF)	55.4	5%	58.2	CY	\$ 350.00	\$ 20,366	4.00	232.75	\$ 40.00	\$ 9,310	\$ 29,676		
<b>Grade Beam</b>															
23	S110/5403	24"x16" Concrete Grade Beam w/ (3) #5 Rebar's Top & Bottom, #4 Ties @ 12" oc (35.88 LF)	7.7	5%	8.1	CY	\$ 350.00	\$ 2,824	4.00	32.27	\$ 40.00	\$ 1,291	\$ 4,115		
<b>ELEVATOR PIT WALLS</b>															
24		8" Thick Sump Pit Wall (12" High) (10.49 LF)	0.3	5%	0.3	CY	\$ 350.00	\$ 96	4.00	1.09	\$ 40.00	\$ 44	\$ 139		
25		12" Thick Elevator Pit Wall (3'-4" High) w/ #4 Rebar's @ 12" oc Each Way Each Face (34.74 LF)	4.3	5%	4.5	CY	\$ 350.00	\$ 1,575	4.00	18.00	\$ 40.00	\$ 720	\$ 2,294		
<b>CONCRETE FOR SLAB</b>															
<b>Concrete Slab On Grade</b>															
26		4" Thick Concrete Slab On Grade w/ Welded Wire Mesh Over (145688 SF) Vapor Barrier	1797.5	5%	1887.4	CY	\$ 350.00	\$ 660,589	4.00	7549.59	\$ 40.00	\$ 301,984	\$ 962,573		
27		12" Thick Elevator Pit Concrete Slab w/ #5 Rebar's @ 10" oc Each Way (128.34 SF)	4.9	5%	5.2	CY	\$ 350.00	\$ 1,809	4.00	20.68	\$ 40.00	\$ 827	\$ 2,637		
28		8" Thick Sump Pit Concrete Slab w/ (4) #4 U-Shaped Bar Each Way (11.10 SF)	0.3	5%	0.3	CY	\$ 350.00	\$ 101	4.00	1.16	\$ 40.00	\$ 46	\$ 148		
<b>Structural Concrete Slab</b>															
29		5" Thick Normal Weight Concrete w/ 6x6-W2.9xW2.9 WWF	1934.3	5%	2031.0	CY	\$ 350.00	\$ 710,840	4.00	8123.89	\$ 40.00	\$ 324,955	\$ 1,035,796		
<b>CONCRETE FOR STAIRS</b>															
<b>10'-11" Wide Concrete Stairs</b>															
30		(26 RISERS)	5.8	5%	6.1	CY	\$ 350.00	\$ 2,127	4.00	24.31	\$ 40.00	\$ 973	\$ 3,100		
31		5'-0" W x 11" x 2" TH Concrete Filled Stairs (78 RISERS)	2.6	5%	2.7	CY	\$ 350.00	\$ 952	4.00	10.88	\$ 40.00	\$ 435	\$ 1,387		
32		7'-3" W x 12" x 2" TH Concrete Filled Stairs (52 RISERS)	2.5	5%	2.6	CY	\$ 350.00	\$ 923	4.00	10.55	\$ 40.00	\$ 422	\$ 1,345		
33		9'-0" W x 11" x 2" TH Concrete Filled Stairs (50 RISERS)	2.8	5%	2.9	CY	\$ 350.00	\$ 1,022	4.00	11.68	\$ 40.00	\$ 467	\$ 1,489		
34		3" Thick Concrete Landing Slab On Galvanized Metal Deck w/ 6"x6" #8 WWF (910.48 SF)	8.4	5%	8.9	CY	\$ 350.00	\$ 3,098	4.00	35.41	\$ 40.00	\$ 1,416	\$ 4,514		
35		7" Thick Concrete Landing Slab (54.66 SF)	1.1	5%	1.2	CY	\$ 350.00	\$ 417	4.00	4.76	\$ 40.00	\$ 190	\$ 607		
<b>REBARS</b>															
36		Total Rebar's Including Cmu Dowels & All reinforcement. Note: The Price Of Rebars Already Added In Concrete.	55.0	5%	57.8	TONS	\$ -	\$ -	0.00	0.00	\$ -	\$ -	\$ -		
<b>31. EARTHWORK</b>															<b>\$670,169</b>
<b>EXCAVATION</b>															
37		Excavation	12100.0	10%	13310.0	CY	\$ -	\$ -	0.550	7320.50	\$ 55.00	\$ 402,628	\$ 402,628		
38	S110/5403	Backfilling	4592.0	10%	5051.2	CY	\$ -	\$ -	0.600	3030.72	\$ 55.00	\$ 166,690	\$ 166,690		
<b>STONES</b>															
39		4" Thick Aggregate Base Course (1782 CY)	2494.8	5%	2619.5	TONS	\$ -	\$ -	0.700	1833.68	\$ 55.00	\$ 100,852	\$ 100,852		
<b>SUB TOTAL</b>															<b>\$3,436,172</b>
<b>OVERHEAD</b>															<b>\$ 343,617</b>
<b>PROFIT</b>															<b>\$ 515,428</b>
<b>INSURANCE</b>															<b>\$ 34,362</b>
<b>CONTINGENCY</b>															<b>\$ 34,362</b>
<b>NET TOTAL</b>															<b>\$ 4,363,939</b>