

Project :- Meade High School

Location :- 1100 Clark Rd, Fort Meade, MD

Estimate Date :- 13th December 2021

Estimator :- Tesbee Consultancy

Firestop Estimate - Phase 1B

	Description	Unit	QTY	Unit Rate	Amount
	Phase 1B				
	Ist Floor				
	Firestopping (Electrical)				
1	Firestopping to ceiling mounted light fixture	Nos	697	5.00	3,485.00
2	Firestopping to ceiling mounted lighting control	Nos	126	5.00	630.00
3	Firestopping to ceiling mounted receptacle	Nos	19	5.00	95.00
4	Firestopping to electrical panel board	Nos	31	11.00	341.00
5	Firestopping to electrical switch board	Nos	1	11.00	11.00
6	Firestopping to floor box	Nos	1	5.00	5.00
7	Firestopping to furniture mounted receptacle	Nos	20	5.00	100.00
8	Firestopping to occupancy sensor/ vacancy sensor	Nos	138	5.00	690.00
9	Firestopping to Transformer (XFMR)	Nos	3	5.60	16.80
10	Firestopping to wall mounted disconnect switch	Nos	42	4.50	189.00
11	Firestopping to wall mounted light fixture	Nos	73	4.50	328.50
12	Firestopping to wall mounted lighting control	Nos	86	4.50	387.00
13	Firestopping to wall mounted push-button	Nos	18	4.50	81.00
14	Firestopping to wall mounted receptacle	Nos	760	4.50	3,420.00
	Firestopping (Fire alarm)				
15	Firestopping to CO, heat/smoke sensor	Nos	40	5.00	200.00
16	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	18	3.50	63.00
17	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	105	6.00	630.00
18	Firestopping to fire alarm control panel	Nos	1	11.00	11.00
19	Firestopping to fire alarm manual station	Nos	11	6.00	66.00
20	Firestopping to valve temper supervisory/ test switch switch	Nos	23	4.00	92.00
21	Firestopping to waterflow/ pressure switch	Nos	8	5.00	40.00
	Firestopping (Security)				
22	Firestopping to access controller	Nos	12	5.00	60.00
23	Firestopping to AI phone station	Nos	4	6.00	24.00
24	Firestopping to card reader	Nos	12	5.00	60.00
25	Firestopping to CCTV	Nos	64	4.50	288.00
26	Firestopping to detection contact	Nos	8	4.50	36.00
27	Firestopping to motion detectors	Nos	33	5.00	165.00
28	Firestopping to power supply	Nos	2	5.00	10.00
	Firestopping (Technology)				
29	Firestopping to tele/ data/ audio/visual	Nos	516	6.00	3,096.00

	2nd Floor				
	Firestopping (Electrical)				
30	Firestopping to ceiling mounted light fixture	Nos	387	5.00	1,935.00
31	Firestopping to ceiling mounted lighting control	Nos	50	5.00	250.00
32	Firestopping to ceiling mounted receptacle	Nos	12	5.00	60.00
33	Firestopping to electrical panel board	Nos	21	11.00	231.00
34	Firestopping to occupancy sensor/ vacancy sensor	Nos	70	5.00	350.00
35	Firestopping to Transformer (XFMR)	Nos	2	5.60	11.20
36	Firestopping to wall mounted disconnect switch	Nos	7	4.50	31.50
37	Firestopping to wall mounted light fixture	Nos	10	4.50	45.00
38	Firestopping to wall mounted lighting control	Nos	64	4.50	288.00
39	Firestopping to wall mounted push-button	Nos	42	4.50	189.00
40	Firestopping to wall mounted receptacle	Nos	1,087	4.50	4,891.50
	Firestopping (Fire alarm)				
41	Firestopping to CO, heat/smoke sensor	Nos	46	5.00	230.00
42	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	9	3.50	31.50
43	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	56	6.00	336.00
44	Firestopping to fire alarm control panel	Nos	4	11.00	44.00
45	Firestopping to fire alarm manual station	Nos	3	6.00	18.00
46	Firestopping to valve temper supervisory/ test switch switch	Nos	12	4.00	48.00
	Firestopping (Security)				
47	Firestopping to CCTV	Nos	12	4.50	54.00
48	Firestopping to motion detectors	Nos	9	5.00	45.00
49	Firestopping to power supply	Nos	3	5.00	15.00
	Firestopping (Technology)				
50	Firestopping to tele/ data/ audio/visual	Nos	421	6.00	2,526.00
	Floor Penetration				
	Firestopping (Electrical)				
51	Firestopping to electrical riser (Multiple wires)	Nos	1	115.00	115.00
52	Firestopping to electrical riser (Single wire)	Nos	6	90.00	540.00
Sub Total					26,905.00
Insurance		3%			807.15
Overhead and Profit		22%			5,919.10
Total Amount					33,631.25

Firestop Estimate - Phase 1C

	Description	Unit	QTY	Unit Rate	Amount
	<i>Phase 1C</i>				
	<i>1st Floor</i>				

	Firestopping (Electrical)				
1	Firestopping to ceiling mounted light fixture	Nos	76	5.00	380.00
2	Firestopping to ceiling mounted light fixture (R)	Nos	198	5.00	990.00
3	Firestopping to ceiling mounted lighting control	Nos	49	5.00	245.00
4	Firestopping to ceiling mounted receptacle	Nos	5	5.00	25.00
5	Firestopping to electrical panel board	Nos	14	11.00	154.00
6	Firestopping to floor box	Nos	1	5.00	5.00
7	Firestopping to occupancy sensor/ vacancy sensor	Nos	57	5.00	285.00
8	Firestopping to Transformer (XFMR)	Nos	5	5.60	28.00
9	Firestopping to wall mounted disconnect switch	Nos	8	4.50	36.00
10	Firestopping to wall mounted light fixture	Nos	30	4.50	135.00
11	Firestopping to wall mounted lighting control	Nos	43	4.50	193.50
12	Firestopping to wall mounted receptacle	Nos	300	4.50	1,350.00
	Firestopping (Fire alarm)				
13	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	10	3.50	35.00
14	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	105	6.00	630.00
15	Firestopping to fire alarm manual station	Nos	10	6.00	60.00
16	Firestopping to low temperature, CO, heat/smoke sensor	Nos	73	5.00	365.00
17	Firestopping to spark detection control panel	Nos	2	11.00	22.00
18	Firestopping to valve temper supervisory/ test switch switch	Nos	27	4.00	108.00
19	Firestopping to waterflow/ pressure switch	Nos	2	5.00	10.00
	Firestopping (Security)				
20	Firestopping to access controller	Nos	2	5.00	10.00
21	Firestopping to AI phone station	Nos	3	6.00	18.00
22	Firestopping to card reader	Nos	3	5.00	15.00
23	Firestopping to CCTV	Nos	28	4.50	126.00
24	Firestopping to detection contact	Nos	4	4.50	18.00
25	Firestopping to motion detectors	Nos	17	5.00	85.00
26	Firestopping to power supply	Nos	1	5.00	5.00
	Firestopping (Technology)				
27	Firestopping to tele/ data/ audio/visual	Nos	323	6.00	1,938.00
	2nd Floor				
	Firestopping (Electrical)				
28	Firestopping to ceiling mounted light fixture	Nos	48	5.00	240.00
29	Firestopping to ceiling mounted light fixture (R)	Nos	200	5.00	1,000.00
30	Firestopping to ceiling mounted lighting control	Nos	43	5.00	215.00
31	Firestopping to ceiling mounted receptacle	Nos	8	5.00	40.00
32	Firestopping to electrical panel board	Nos	5	11.00	55.00
33	Firestopping to floor/ furniture mounted receptacle	Nos	8	5.00	40.00
34	Firestopping to occupancy sensor/ vacancy sensor	Nos	41	5.00	205.00
35	Firestopping to Transformer (XFMR)	Nos	1	5.60	5.60
36	Firestopping to wall mounted disconnect switch	Nos	29	4.50	130.50
37	Firestopping to wall mounted light fixture	Nos	2	4.50	9.00
38	Firestopping to wall mounted lighting control	Nos	27	4.50	121.50
39	Firestopping to wall mounted receptacle	Nos	270	4.50	1,215.00
	Firestopping (Fire alarm)				

40	Firestopping to CO, heat/smoke sensor	Nos	67	5.00	335.00
41	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	3	3.50	10.50
42	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	63	6.00	378.00
43	Firestopping to fire alarm control panel	Nos	2	11.00	22.00
44	Firestopping to fire alarm manual station	Nos	2	6.00	12.00
45	Firestopping to valve temper supervisory/ test switch switch	Nos	33	4.00	132.00
	Firestopping (Security)				
46	Firestopping to CCTV	Nos	14	4.50	63.00
47	Firestopping to motion detectors	Nos	9	5.00	45.00
	Firestopping (Technology)				
48	Firestopping to tele/ data/ audio/visual	Nos	359	6.00	2,154.00
Sub Total					13,699.60
Insurance		3%			410.99
Overhead and Profit		22%			3,013.91
Total Amount					17,124.50

Firestop Estimate - Phase 1D

	Description	Unit	QTY	Unit Rate	Amount
	Phase 1D				
	1st Floor				
	Firestopping (Electrical)				
1	Firestopping to ceiling mounted light fixture	Nos	212	5.00	1,060.00
2	Firestopping to ceiling mounted light fixture (R)	Nos	179	5.00	895.00
3	Firestopping to ceiling mounted lighting control	Nos	81	5.00	405.00
4	Firestopping to ceiling mounted receptacle	Nos	10	5.00	50.00
5	Firestopping to electrical panel board	Nos	5	11.00	55.00
6	Firestopping to floor box	Nos	21	5.00	105.00
7	Firestopping to occupancy sensor/ vacancy sensor	Nos	84	5.00	420.00
8	Firestopping to Transformer (XFMR)	Nos	1	5.60	5.60
9	Firestopping to wall mounted disconnect switch	Nos	47	4.50	211.50
10	Firestopping to wall mounted light fixture	Nos	12	4.50	54.00
11	Firestopping to wall mounted lighting control	Nos	42	4.50	189.00
12	Firestopping to wall mounted receptacle	Nos	573	4.50	2,578.50
	Firestopping (Fire alarm)				
13	Firestopping to CO, heat/smoke sensor	Nos	48	5.00	240.00
14	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	16	3.50	56.00
15	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	101	6.00	606.00
16	Firestopping to fire alarm control panel	Nos	7	11.00	77.00
17	Firestopping to fire alarm manual station	Nos	3	6.00	18.00

18	Firestopping to valve temper supervisory/ test switch switch	Nos	10	4.00	40.00
	Firestopping (Security)				
19	Firestopping to access controller	Nos	1	5.00	5.00
20	Firestopping to card reader	Nos	1	5.00	5.00
21	Firestopping to CCTV	Nos	21	4.50	94.50
22	Firestopping to detection contact	Nos	6	4.50	27.00
23	Firestopping to intrusion detection security panel	Nos	1	11.00	11.00
24	Firestopping to motion detectors	Nos	9	5.00	45.00
25	Firestopping to power supply	Nos	3	5.00	15.00
	Firestopping (Technology)				
26	Firestopping to tele/ data/ audio/visual	Nos	348	6.00	2,088.00
	2nd Floor				
	Firestopping (Electrical)				
27	Firestopping to ceiling mounted light fixture	Nos	57	5.00	285.00
28	Firestopping to ceiling mounted light fixture (R)	Nos	109	5.00	545.00
29	Firestopping to ceiling mounted lighting control	Nos	30	5.00	150.00
30	Firestopping to ceiling mounted receptacle	Nos	16	5.00	80.00
31	Firestopping to electrical panel board	Nos	8	11.00	88.00
32	Firestopping to floor/ furniture mounted receptacle	Nos	26	5.00	130.00
33	Firestopping to occupancy sensor/ vacancy sensor	Nos	34	5.00	170.00
34	Firestopping to Transformer (XFMR)	Nos	1	5.60	5.60
35	Firestopping to wall mounted disconnect switch	Nos	15	4.50	67.50
36	Firestopping to wall mounted light fixture	Nos	11	4.50	49.50
37	Firestopping to wall mounted lighting control	Nos	14	4.50	63.00
38	Firestopping to wall mounted push-button	Nos	1	4.50	4.50
39	Firestopping to wall mounted receptacle	Nos	429	4.50	1,930.50
	Firestopping (Fire alarm)				
40	Firestopping to CO, heat/smoke sensor	Nos	57	5.00	285.00
41	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	10	3.50	35.00
42	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	56	6.00	336.00
43	Firestopping to valve temper supervisory/ test switch switch	Nos	19	4.00	76.00
	Firestopping (Security)				
44	Firestopping to CCTV	Nos	14	4.50	63.00
45	Firestopping to motion detectors	Nos	3	5.00	15.00
46	Firestopping to power supply	Nos	1	5.00	5.00
	Firestopping (Technology)				
47	Firestopping to tele/ data/ audio/visual	Nos	412	6.00	2,472.00
Sub Total					16,211.70
Insurance		3%			486.35
Overhead and Profit		22%			3,566.57
Total Amount					20,264.63

Firestop Estimate - Phase 2B

	Description	Unit	QTY	Unit Rate	Amount
	Phase 2B				
	1st Floor				
	Firestopping (Electrical)				
1	Firestopping to ceiling mounted light fixture	Nos	408	5.00	2,040.00
2	Firestopping to ceiling mounted light fixture (R)	Nos	54	5.00	270.00
3	Firestopping to ceiling mounted lighting control	Nos	143	5.00	715.00
4	Firestopping to ceiling mounted receptacle	Nos	5	5.00	25.00
5	Firestopping to electrical panel board	Nos	4	11.00	44.00
6	Firestopping to floor box	Nos	2	5.00	10.00
7	Firestopping to occupancy sensor/ vacancy sensor	Nos	135	5.00	675.00
8	Firestopping to Transformer (XFMR)	Nos	1	5.60	5.60
9	Firestopping to Transformer (XFMR)	Nos	1	5.60	5.60
10	Firestopping to wall mounted disconnect switch	Nos	5	4.50	22.50
11	Firestopping to wall mounted light fixture	Nos	27	4.50	121.50
12	Firestopping to wall mounted lighting control	Nos	75	4.50	337.50
13	Firestopping to wall mounted push-button	Nos	5	4.50	22.50
14	Firestopping to wall mounted receptacle	Nos	261	4.50	1,174.50
	Firestopping (Fire alarm)				
15	Firestopping to CO, heat/smoke sensor	Nos	54	5.00	270.00
16	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	15	3.50	52.50
17	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	116	6.00	696.00
18	Firestopping to fire alarm control panel	Nos	6	11.00	66.00
19	Firestopping to fire alarm manual station	Nos	4	6.00	24.00
20	Firestopping to valve temper supervisory/ test switch switch	Nos	11	4.00	44.00
	Firestopping (Security)				
21	Firestopping to access controller	Nos	1	5.00	5.00
22	Firestopping to AI phone station	Nos	1	6.00	6.00
23	Firestopping to card reader	Nos	3	5.00	15.00
24	Firestopping to CCTV	Nos	31	4.50	139.50
25	Firestopping to motion detectors	Nos	12	5.00	60.00
26	Firestopping to power supply	Nos	2	5.00	10.00
	Firestopping (Technology)				
27	Firestopping to tele/ data/ audio/visual	Nos	412	6.00	2,472.00
	2nd Floor				
	Firestopping (Electrical)				
28	Firestopping to ceiling mounted light fixture	Nos	316	5.00	1,580.00
29	Firestopping to ceiling mounted light fixture (R)	Nos	417	5.00	2,085.00
30	Firestopping to ceiling mounted lighting control	Nos	105	5.00	525.00
31	Firestopping to ceiling mounted receptacle	Nos	14	5.00	70.00
32	Firestopping to electrical panel board	Nos	2	11.00	22.00

33	Firestopping to floor/ furniture mounted receptacle	Nos	40	5.00	200.00
34	Firestopping to occupancy sensor/ vacancy sensor	Nos	128	5.00	640.00
35	Firestopping to wall mounted disconnect switch	Nos	28	4.50	126.00
36	Firestopping to wall mounted light fixture	Nos	12	4.50	54.00
37	Firestopping to wall mounted lighting control	Nos	52	4.50	234.00
38	Firestopping to wall mounted receptacle	Nos	334	4.50	1,503.00
	Firestopping (Fire alarm)				
39	Firestopping to CO, heat/smoke sensor	Nos	51	5.00	255.00
40	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	10	3.50	35.00
41	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	50	6.00	300.00
42	Firestopping to fire alarm control panel	Nos	4	11.00	44.00
43	Firestopping to valve temper supervisory/ test switch switch	Nos	19	4.00	76.00
	Firestopping (Security)				
44	Firestopping to CCTV	Nos	13	4.50	58.50
45	Firestopping to motion detectors	Nos	6	5.00	30.00
46	Firestopping to power supply	Nos	1	5.00	5.00
	Firestopping (Technology)				
47	Firestopping to tele/ data/ audio/visual	Nos	346	6.00	2,076.00
Sub Total					19,247.20
Insurance		3%			577.42
Overhead and Profit		22%			4,234.38
Total Amount					24,059.00

Firestop Estimate - Phase 2C

	Description	Unit	QTY	Unit Rate	Amount
	<i>Phase 2C</i>				
	<i>1st Floor</i>				
	Firestopping (Electrical)				
1	Firestopping to ceiling mounted light fixture	Nos	228	5.00	1,140.00
2	Firestopping to ceiling mounted lighting control	Nos	93	5.00	465.00
3	Firestopping to ceiling mounted receptacle	Nos	1	5.00	5.00
4	Firestopping to electrical panel board	Nos	6	11.00	66.00
5	Firestopping to floor box	Nos	3	5.00	15.00
6	Firestopping to occupancy sensor/ vacancy sensor	Nos	67	5.00	335.00
7	Firestopping to Transformer (XFMR)	Nos	2	5.60	11.20
8	Firestopping to wall mounted disconnect switch	Nos	32	4.50	144.00
9	Firestopping to wall mounted light fixture	Nos	36	4.50	162.00
10	Firestopping to wall mounted lighting control	Nos	50	4.50	225.00
11	Firestopping to wall mounted receptacle	Nos	295	4.50	1,327.50

	Firestopping (Fire alarm)				
12	Firestopping to CO, heat/smoke sensor	Nos	7	5.00	35.00
13	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	3	3.50	10.50
14	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	48	6.00	288.00
15	Firestopping to fire alarm control panel	Nos	2	11.00	22.00
16	Firestopping to fire alarm manual station	Nos	5	6.00	30.00
17	Firestopping to valve temper supervisory/ test switch switch	Nos	1	4.00	4.00
	Firestopping (Security)				
18	Firestopping to access controller	Nos	4	5.00	20.00
19	Firestopping to AI phone station	Nos	7	6.00	42.00
20	Firestopping to card reader/ keypad	Nos	8	5.00	40.00
21	Firestopping to CCTV	Nos	12	4.50	54.00
22	Firestopping to electric lock release	Nos	7	5.00	35.00
23	Firestopping to motion detectors	Nos	11	5.00	55.00
	Firestopping (Technology)				
24	Firestopping to tele/ data/ audio/visual	Nos	238	6.00	1,428.00
	2nd Floor				
	Floor Thru				
	Firestopping (Fire alarm)				
25	Firestopping to fire alarm floor/roof thru	Nos	3	5.00	15.00
	Firestopping (Electrical)				
26	Firestopping to ceiling mounted light fixture	Nos	89	5.00	445.00
27	Firestopping to ceiling mounted lighting control	Nos	14	5.00	70.00
28	Firestopping to electrical switch board	Nos	1	11.00	11.00
29	Firestopping to occupancy sensor/ vacancy sensor	Nos	20	5.00	100.00
30	Firestopping to wall mounted disconnect switch	Nos	3	4.50	13.50
31	Firestopping to wall mounted light fixture	Nos	7	4.50	31.50
32	Firestopping to wall mounted lighting control	Nos	3	4.50	13.50
33	Firestopping to wall mounted receptacle	Nos	24	4.50	108.00
	Firestopping (Fire alarm)				
34	Firestopping to CO, heat/smoke sensor	Nos	12	5.00	60.00
35	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	6	3.50	21.00
36	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	8	6.00	48.00
37	Firestopping to fire alarm manual station	Nos	2	6.00	12.00
38	Firestopping to valve temper supervisory/ test switch switch	Nos	1	4.00	4.00
	Firestopping (Security)				
39	Firestopping to CCTV	Nos	2	4.50	9.00
40	Firestopping to motion detectors	Nos	2	5.00	10.00
	Firestopping (Technology)				
41	Firestopping to tele/ data/ audio/visual	Nos	19	6.00	114.00
Sub Total					7,044.70

Insurance	3%	211.34
Overhead and Profit	22%	1,549.83
Total Amount		8,805.88

Note:

Project :- Meade High School

Location :- 1100 Clark Rd, Fort Meade, MD

Estimate Date :- 13th December 2021

Estimator :- Tesbee Consultancy

Firestop Estimate - Electrical & Fire Alarm

	Description	Unit	QTY	Unit Rate	Amount
	<i>1st Floor</i>				
	<i>Phase 1B</i>				
	Firestopping (Electrical)				
1	Firestopping to ceiling mounted light fixture	Nos	697	5.00	3,485.00
2	Firestopping to ceiling mounted lighting control	Nos	126	5.00	630.00
3	Firestopping to ceiling mounted receptacle	Nos	19	5.00	95.00
4	Firestopping to electrical panel board	Nos	31	11.00	341.00
5	Firestopping to electrical switch board	Nos	1	11.00	11.00
6	Firestopping to floor box	Nos	1	5.00	5.00
7	Firestopping to furniture mounted receptacle	Nos	20	5.00	100.00
8	Firestopping to occupancy sensor/ vacancy sensor	Nos	138	5.00	690.00
9	Firestopping to Transformer (XFMR)	Nos	3	5.60	16.80
10	Firestopping to wall mounted disconnect switch	Nos	42	4.50	189.00
11	Firestopping to wall mounted light fixture	Nos	73	4.50	328.50
12	Firestopping to wall mounted lighting control	Nos	86	4.50	387.00
13	Firestopping to wall mounted push-button	Nos	18	4.50	81.00
14	Firestopping to wall mounted receptacle	Nos	760	4.50	3,420.00
	Firestopping (Fire alarm)				
15	Firestopping to CO, heat/smoke sensor	Nos	40	5.00	200.00
16	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	18	3.50	63.00
17	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	105	6.00	630.00
18	Firestopping to fire alarm control panel	Nos	1	11.00	11.00
19	Firestopping to fire alarm manual station	Nos	11	6.00	66.00
20	Firestopping to valve temper supervisory/ test switch switch	Nos	23	4.00	92.00
21	Firestopping to waterflow/ pressure switch	Nos	8	5.00	40.00
	<i>Phase 1C</i>				
	Firestopping (Electrical)				
22	Firestopping to ceiling mounted light fixture	Nos	76	5.00	380.00
23	Firestopping to ceiling mounted light fixture (R)	Nos	198	5.00	990.00
24	Firestopping to ceiling mounted lighting control	Nos	49	5.00	245.00
25	Firestopping to ceiling mounted receptacle	Nos	5	5.00	25.00
26	Firestopping to electrical panel board	Nos	14	11.00	154.00
27	Firestopping to floor box	Nos	1	5.00	5.00
28	Firestopping to occupancy sensor/ vacancy sensor	Nos	57	5.00	285.00

29	Firestopping to Transformer (XFMR)	Nos	5	5.60	28.00
30	Firestopping to wall mounted disconnect switch	Nos	8	4.50	36.00
31	Firestopping to wall mounted light fixture	Nos	30	4.50	135.00
32	Firestopping to wall mounted lighting control	Nos	43	4.50	193.50
33	Firestopping to wall mounted receptacle	Nos	300	4.50	1,350.00
Firestopping (Fire alarm)					
34	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	10	3.50	35.00
35	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	105	6.00	630.00
36	Firestopping to fire alarm manual station	Nos	10	6.00	60.00
37	Firestopping to low temperature, CO, heat/smoke sensor	Nos	73	5.00	365.00
38	Firestopping to spark detection control panel	Nos	2	11.00	22.00
39	Firestopping to valve temper supervisory/ test switch switch	Nos	27	4.00	108.00
40	Firestopping to waterflow/ pressure switch	Nos	2	5.00	10.00
Phase 1D					
Firestopping (Electrical)					
41	Firestopping to ceiling mounted light fixture	Nos	212	5.00	1,060.00
42	Firestopping to ceiling mounted light fixture (R)	Nos	179	5.00	895.00
43	Firestopping to ceiling mounted lighting control	Nos	81	5.00	405.00
44	Firestopping to ceiling mounted receptacle	Nos	10	5.00	50.00
45	Firestopping to electrical panel board	Nos	5	11.00	55.00
46	Firestopping to floor box	Nos	21	5.00	105.00
47	Firestopping to occupancy sensor/ vacancy sensor	Nos	84	5.00	420.00
48	Firestopping to Transformer (XFMR)	Nos	1	5.60	5.60
49	Firestopping to wall mounted disconnect switch	Nos	47	4.50	211.50
50	Firestopping to wall mounted light fixture	Nos	12	4.50	54.00
51	Firestopping to wall mounted lighting control	Nos	42	4.50	189.00
52	Firestopping to wall mounted receptacle	Nos	573	4.50	2,578.50
Firestopping (Fire alarm)					
53	Firestopping to CO, heat/smoke sensor	Nos	48	5.00	240.00
54	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	16	3.50	56.00
55	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	101	6.00	606.00
56	Firestopping to fire alarm control panel	Nos	7	11.00	77.00
57	Firestopping to fire alarm manual station	Nos	3	6.00	18.00
58	Firestopping to valve temper supervisory/ test switch switch	Nos	10	4.00	40.00
Phase 2B					
Firestopping (Electrical)					
59	Firestopping to ceiling mounted light fixture	Nos	408	5.00	2,040.00
60	Firestopping to ceiling mounted light fixture (R)	Nos	54	5.00	270.00
61	Firestopping to ceiling mounted lighting control	Nos	143	5.00	715.00
62	Firestopping to ceiling mounted receptacle	Nos	5	5.00	25.00
63	Firestopping to electrical panel board	Nos	4	11.00	44.00
64	Firestopping to floor box	Nos	2	5.00	10.00
65	Firestopping to occupancy sensor/ vacancy sensor	Nos	135	5.00	675.00
66	Firestopping to Transformer (XFMR)	Nos	1	5.60	5.60
67	Firestopping to Transformer (XFMR)	Nos	1	5.60	5.60

68	Firestopping to wall mounted disconnect switch	Nos	5	4.50	22.50
69	Firestopping to wall mounted light fixture	Nos	27	4.50	121.50
70	Firestopping to wall mounted lighting control	Nos	75	4.50	337.50
71	Firestopping to wall mounted push-button	Nos	5	4.50	22.50
72	Firestopping to wall mounted receptacle	Nos	261	4.50	1,174.50
Firestopping (Fire alarm)					
73	Firestopping to CO, heat/smoke sensor	Nos	54	5.00	270.00
74	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	15	3.50	52.50
75	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	116	6.00	696.00
76	Firestopping to fire alarm control panel	Nos	6	11.00	66.00
77	Firestopping to fire alarm manual station	Nos	4	6.00	24.00
78	Firestopping to valve temper supervisory/ test switch switch	Nos	11	4.00	44.00
Phase 2C					
Firestopping (Electrical)					
79	Firestopping to ceiling mounted light fixture	Nos	228	5.00	1,140.00
80	Firestopping to ceiling mounted lighting control	Nos	93	5.00	465.00
81	Firestopping to ceiling mounted receptacle	Nos	1	5.00	5.00
82	Firestopping to electrical panel board	Nos	6	11.00	66.00
83	Firestopping to floor box	Nos	3	5.00	15.00
84	Firestopping to occupancy sensor/ vacancy sensor	Nos	67	5.00	335.00
85	Firestopping to Transformer (XFMR)	Nos	2	5.60	11.20
86	Firestopping to wall mounted disconnect switch	Nos	32	4.50	144.00
87	Firestopping to wall mounted light fixture	Nos	36	4.50	162.00
88	Firestopping to wall mounted lighting control	Nos	50	4.50	225.00
89	Firestopping to wall mounted receptacle	Nos	295	4.50	1,327.50
Firestopping (Fire alarm)					
90	Firestopping to CO, heat/smoke sensor	Nos	7	5.00	35.00
91	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	3	3.50	10.50
92	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	48	6.00	288.00
93	Firestopping to fire alarm control panel	Nos	2	11.00	22.00
94	Firestopping to fire alarm manual station	Nos	5	6.00	30.00
95	Firestopping to valve temper supervisory/ test switch switch	Nos	1	4.00	4.00
2nd Floor					
Phase 1B					
Firestopping (Electrical)					
96	Firestopping to ceiling mounted light fixture	Nos	387	5.00	1,935.00
97	Firestopping to ceiling mounted lighting control	Nos	50	5.00	250.00
98	Firestopping to ceiling mounted receptacle	Nos	12	5.00	60.00
99	Firestopping to electrical panel board	Nos	21	11.00	231.00
100	Firestopping to occupancy sensor/ vacancy sensor	Nos	70	5.00	350.00
101	Firestopping to Transformer (XFMR)	Nos	2	5.60	11.20
102	Firestopping to wall mounted disconnect switch	Nos	7	4.50	31.50
103	Firestopping to wall mounted light fixture	Nos	10	4.50	45.00
104	Firestopping to wall mounted lighting control	Nos	64	4.50	288.00
105	Firestopping to wall mounted push-button	Nos	42	4.50	189.00

106	Firestopping to wall mounted receptacle	Nos	1,087	4.50	4,891.50
	Firestopping (Fire alarm)				
107	Firestopping to CO, heat/smoke sensor	Nos	46	5.00	230.00
108	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	9	3.50	31.50
109	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	56	6.00	336.00
110	Firestopping to fire alarm control panel	Nos	4	11.00	44.00
111	Firestopping to fire alarm manual station	Nos	3	6.00	18.00
112	Firestopping to valve temper supervisory/ test switch switch	Nos	12	4.00	48.00
	Phase 1C				
	Firestopping (Electrical)				
113	Firestopping to ceiling mounted light fixture	Nos	48	5.00	240.00
114	Firestopping to ceiling mounted light fixture (R)	Nos	200	5.00	1,000.00
115	Firestopping to ceiling mounted lighting control	Nos	43	5.00	215.00
116	Firestopping to ceiling mounted receptacle	Nos	8	5.00	40.00
117	Firestopping to electrical panel board	Nos	5	11.00	55.00
118	Firestopping to floor/ furniture mounted receptacle	Nos	8	5.00	40.00
119	Firestopping to occupancy sensor/ vacancy sensor	Nos	41	5.00	205.00
120	Firestopping to Transformer (XFMR)	Nos	1	5.60	5.60
121	Firestopping to wall mounted disconnect switch	Nos	29	4.50	130.50
122	Firestopping to wall mounted light fixture	Nos	2	4.50	9.00
123	Firestopping to wall mounted lighting control	Nos	27	4.50	121.50
124	Firestopping to wall mounted receptacle	Nos	270	4.50	1,215.00
	Firestopping (Fire alarm)				
125	Firestopping to CO, heat/smoke sensor	Nos	67	5.00	335.00
126	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	3	3.50	10.50
127	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	63	6.00	378.00
128	Firestopping to fire alarm control panel	Nos	2	11.00	22.00
129	Firestopping to fire alarm manual station	Nos	2	6.00	12.00
130	Firestopping to valve temper supervisory/ test switch switch	Nos	33	4.00	132.00
	Phase 1D				
	Firestopping (Electrical)				
131	Firestopping to ceiling mounted light fixture	Nos	57	5.00	285.00
132	Firestopping to ceiling mounted light fixture (R)	Nos	109	5.00	545.00
133	Firestopping to ceiling mounted lighting control	Nos	30	5.00	150.00
134	Firestopping to ceiling mounted receptacle	Nos	16	5.00	80.00
135	Firestopping to electrical panel board	Nos	8	11.00	88.00
136	Firestopping to floor/ furniture mounted receptacle	Nos	26	5.00	130.00
137	Firestopping to occupancy sensor/ vacancy sensor	Nos	34	5.00	170.00
138	Firestopping to Transformer (XFMR)	Nos	1	5.60	5.60
139	Firestopping to wall mounted disconnect switch	Nos	15	4.50	67.50
140	Firestopping to wall mounted light fixture	Nos	11	4.50	49.50
141	Firestopping to wall mounted lighting control	Nos	14	4.50	63.00
142	Firestopping to wall mounted push-button	Nos	1	4.50	4.50
143	Firestopping to wall mounted receptacle	Nos	429	4.50	1,930.50

	Firestopping (Fire alarm)				
144	Firestopping to CO, heat/smoke sensor	Nos	57	5.00	285.00
145	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	10	3.50	35.00
146	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	56	6.00	336.00
147	Firestopping to valve temper supervisory/ test switch switch	Nos	19	4.00	76.00
	Phase 2B				
	Firestopping (Electrical)				
148	Firestopping to ceiling mounted light fixture	Nos	316	5.00	1,580.00
149	Firestopping to ceiling mounted light fixture (R)	Nos	417	5.00	2,085.00
150	Firestopping to ceiling mounted lighting control	Nos	105	5.00	525.00
151	Firestopping to ceiling mounted receptacle	Nos	14	5.00	70.00
152	Firestopping to electrical panel board	Nos	2	11.00	22.00
153	Firestopping to floor/ furniture mounted receptacle	Nos	40	5.00	200.00
154	Firestopping to occupancy sensor/ vacancy sensor	Nos	128	5.00	640.00
155	Firestopping to wall mounted disconnect switch	Nos	28	4.50	126.00
156	Firestopping to wall mounted light fixture	Nos	12	4.50	54.00
157	Firestopping to wall mounted lighting control	Nos	52	4.50	234.00
158	Firestopping to wall mounted receptacle	Nos	334	4.50	1,503.00
	Firestopping (Fire alarm)				
159	Firestopping to CO, heat/smoke sensor	Nos	51	5.00	255.00
160	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	10	3.50	35.00
161	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	50	6.00	300.00
162	Firestopping to fire alarm control panel	Nos	4	11.00	44.00
163	Firestopping to valve temper supervisory/ test switch switch	Nos	19	4.00	76.00
	Phase 2C				
	Floor Thru				
	Firestopping (Fire alarm)				
164	Firestopping to fire alarm floor/roof thru	Nos	3	5.00	15.00
	Firestopping (Electrical)				
165	Firestopping to ceiling mounted light fixture	Nos	89	5.00	445.00
166	Firestopping to ceiling mounted lighting control	Nos	14	5.00	70.00
167	Firestopping to electrical switch board	Nos	1	11.00	11.00
168	Firestopping to occupancy sensor/ vacancy sensor	Nos	20	5.00	100.00
169	Firestopping to wall mounted disconnect switch	Nos	3	4.50	13.50
170	Firestopping to wall mounted light fixture	Nos	7	4.50	31.50
171	Firestopping to wall mounted lighting control	Nos	3	4.50	13.50
172	Firestopping to wall mounted receptacle	Nos	24	4.50	108.00
	Firestopping (Fire alarm)				
173	Firestopping to CO, heat/smoke sensor	Nos	12	5.00	60.00
174	Firestopping to door holder/ closer (Controlled by fire alarm booster panel)	Nos	6	3.50	21.00
175	Firestopping to fire alarm audio/visual (speaker/strobe) device	Nos	8	6.00	48.00
176	Firestopping to fire alarm manual station	Nos	2	6.00	12.00
177	Firestopping to valve temper supervisory/ test switch switch	Nos	1	4.00	4.00

	Floor Penetration				
	Firestopping (Electrical)				
178	Firestopping to electrical riser (Multiple wires)	Nos	1	115.00	115.00
179	Firestopping to electrical riser (Single wire)	Nos	6	90.00	540.00
Sub Total					60,722.70
Insurance		3%			1,821.68
Overhead and Profit		22%			13,358.99
Total Amount					75,903.38

Note:

Project :- Meade High School

Location :- 1100 Clark Rd, Fort Meade, MD

Estimate Date :- 13th December 2021

Estimator :- Tesbee Consultancy

Firestop Estimate - Technology & Security

	Description	Unit	QTY	Unit Rate	Amount
	Security				
	<i>1st Floor</i>				
	Firestopping (Security)				
1	Firestopping to access controller	Nos	12	5.00	60.00
2	Firestopping to AI phone station	Nos	4	6.00	24.00
3	Firestopping to card reader	Nos	12	5.00	60.00
4	Firestopping to CCTV	Nos	64	4.50	288.00
5	Firestopping to detection contact	Nos	8	4.50	36.00
6	Firestopping to motion detectors	Nos	33	5.00	165.00
7	Firestopping to power supply	Nos	2	5.00	10.00
	Phase 1C				
	Firestopping (Security)				
8	Firestopping to access controller	Nos	2	5.00	10.00
9	Firestopping to AI phone station	Nos	3	6.00	18.00
10	Firestopping to card reader	Nos	3	5.00	15.00
11	Firestopping to CCTV	Nos	28	4.50	126.00
12	Firestopping to detection contact	Nos	4	4.50	18.00
13	Firestopping to motion detectors	Nos	17	5.00	85.00
14	Firestopping to power supply	Nos	1	5.00	5.00
	Phase 1D				
	Firestopping (Security)				
15	Firestopping to access controller	Nos	1	5.00	5.00
16	Firestopping to card reader	Nos	1	5.00	5.00
17	Firestopping to CCTV	Nos	21	4.50	94.50
18	Firestopping to detection contact	Nos	6	4.50	27.00
19	Firestopping to intrusion detection security panel	Nos	1	11.00	11.00
20	Firestopping to motion detectors	Nos	9	5.00	45.00
21	Firestopping to power supply	Nos	3	5.00	15.00
	Phase 2B				
	Firestopping (Security)				
22	Firestopping to access controller	Nos	1	5.00	5.00
23	Firestopping to AI phone station	Nos	1	6.00	6.00
24	Firestopping to card reader	Nos	3	5.00	15.00
25	Firestopping to CCTV	Nos	31	4.50	139.50

26	Firestopping to motion detectors	Nos	12	5.00	60.00
27	Firestopping to power supply	Nos	2	5.00	10.00
	Phase 2C				
	Firestopping (Security)				
28	Firestopping to access controller	Nos	4	5.00	20.00
29	Firestopping to AI phone station	Nos	7	6.00	42.00
30	Firestopping to card reader/ keypad	Nos	8	5.00	40.00
31	Firestopping to CCTV	Nos	12	4.50	54.00
32	Firestopping to electric lock release	Nos	7	5.00	35.00
33	Firestopping to motion detectors	Nos	11	5.00	55.00
	2nd Floor				
	Phase 1B				
	Firestopping (Security)				
34	Firestopping to CCTV	Nos	12	4.50	54.00
35	Firestopping to motion detectors	Nos	9	5.00	45.00
36	Firestopping to power supply	Nos	3	5.00	15.00
	Phase 1C				
	Firestopping (Security)				
37	Firestopping to CCTV	Nos	14	4.50	63.00
38	Firestopping to motion detectors	Nos	9	5.00	45.00
	Phase 1D				
	Firestopping (Security)				
39	Firestopping to CCTV	Nos	14	4.50	63.00
40	Firestopping to motion detectors	Nos	3	5.00	15.00
41	Firestopping to power supply	Nos	1	5.00	5.00
	Phase 2B				
	Firestopping (Security)				
42	Firestopping to CCTV	Nos	13	4.50	58.50
43	Firestopping to motion detectors	Nos	6	5.00	30.00
44	Firestopping to power supply	Nos	1	5.00	5.00
	Phase 2C				
	Firestopping (Security)				
45	Firestopping to CCTV	Nos	2	4.50	9.00
46	Firestopping to motion detectors	Nos	2	5.00	10.00
	Technology				
	1st Floor				
	Phase 1B				
	Firestopping (Technology)				
47	Firestopping to tele/ data/ audio/visual	Nos	516	6.00	3,096.00
	Phase 1C				
	Firestopping (Technology)				
48	Firestopping to tele/ data/ audio/visual	Nos	323	6.00	1,938.00

	Phase 1D				
	Firestopping (Technology)				
49	Firestopping to tele/ data/ audio/visual	Nos	348	6.00	2,088.00
	Phase 2B				
	Firestopping (Technology)				
50	Firestopping to tele/ data/ audio/visual	Nos	412	6.00	2,472.00
	Phase 2C				
	Firestopping (Technology)				
51	Firestopping to tele/ data/ audio/visual	Nos	238	6.00	1,428.00
	2nd Floor				
	Phase 1B				
	Firestopping (Technology)				
52	Firestopping to tele/ data/ audio/visual	Nos	421	6.00	2,526.00
	Phase 1C				
	Firestopping (Technology)				
53	Firestopping to tele/ data/ audio/visual	Nos	359	6.00	2,154.00
	Phase 1D				
	Firestopping (Technology)				
54	Firestopping to tele/ data/ audio/visual	Nos	412	6.00	2,472.00
	Phase 2B				
	Firestopping (Technology)				
55	Firestopping to tele/ data/ audio/visual	Nos	346	6.00	2,076.00
	Phase 2C				
	Firestopping (Technology)				
56	Firestopping to tele/ data/ audio/visual	Nos	19	6.00	114.00
Sub Total					22,385.50
Insurance		3%			671.57
Overhead and Profit		22%			4,924.81
Total Amount					27,981.88

Note: