

**Fruitport Community Schools  
Facilities Study Report Budget  
2/4/2015**



Building/Description		Area		Unit Cost	Construction Total Cost	Const. Year
<b><i>Beach Elementary</i></b>						
<b><i>General:</i></b>						
1.	Remove portables	2	ea	8,500	\$17,000	2017
	New classroom construction	None				
2.	Library undersized - add	925	sf	244.00	\$225,700	2017
	- Sitework for building addition	925	sf	11.30	\$10,453	2017
3.	Add air conditioning to library	1,685	sf	28	\$47,180	2017
4.	Cafeteria addition to separate function from Gym	5,000	sf	218	\$1,090,000	2017
	- Sitework for building addition	5,000	sf	4.50	\$22,500	2017
5.	Add large ceiling fans in gym/cafeteria	4	ea	5,700	\$22,800	2017
6.	Replace gym bleachers & add capacity	380	ea	170.00	\$64,600	2017
7.	Replace Cafeteria tables	12	ea	FFE		2017
8.	Enlarge Kitchen prep area and replace serving equipment	1,345	sf	210.00	\$282,450	2017
9.	Rework storage area at Kitchen renovations	715	sf	96.00	\$68,640	2017
10.	Repair wall and ceiling damage in older classrooms and toilet rooms	6	ea	9,200.00	\$55,200	2017
11.	Replace classroom furniture	19	ea	FFE		2017
12.	Secure entry/access separation	Separate - Tech & Security Proposal				2015
<b><i>Site:</i></b>						
1.	Install paved walks to bus loading	475	lf	65.00	\$30,875	2017
2.	Install barrier fee routes to playground	150		65.00	\$9,750	2017
3.	Add parking spaces (pavement only - sheet storm water)	17,215	sf	4.00	\$68,860	2017
4.	Add student crosswalk at parent drive near drive entry	200		65.00	\$13,000	2017
5.	Traffic flow improvements at Parent drop-off/pick up drive	1		50,000.00	\$50,000	2017
<b><i>Architectural:</i></b>						
1.	Exterior walls - add insulation on interior of exterior walls	Cost more than the benefit and payback				
2.	Exterior openings - replace window systems					
	- Windows (except 1998 Addition)	695	lf	440.00	\$305,800	2017
	- Entrance doors (except 1998 Addition)	22	ea	2,490.00	\$54,780	2017
	- Storefront at entrance doors	165	lf	560.00	\$92,400	2017
3.	Roofing (replace grade B & C only)					
	- Replace grades C-F only	970	sf	19.30	\$18,721	2017
	- Replace grade B only	21,045	sf	13.20	\$277,794	2021
4.	Interiors					
a.	Flooring - replace hard floor & carpet in some rooms					
	- Change VCT in classrooms to carpet	14,910	sf	7.40	\$110,334	2017
	- Replace carpet in classrooms	-	sf	5.70	\$0	2017
	- Replace VCT in classrooms	-	sf	9.10	\$0	2017
	- Replace carpet in offices	3,315	sf	7.40	\$24,531	2017
	- Change VCT in corridors to hard tile	3,290	sf	14.70	\$48,363	2017
	- Walk-off carpet tile in vestibules	285	sf	6.80	\$1,938	2017
b.	Replace acoustical ceiling tiles older than 20 years	34,459	sf	7.40	\$254,997	2017
c.	Replace interior wood doors and hardware (existing frames to remain)	55	ea	1,870.00	\$102,850	2017
d.	Replace ex casework (except 1998 addition)	500	lf	368.00	\$184,000	2017
e.	Updated ex toilets (except 1998 addition)	1,315	sf	212.00	\$278,780	2017
f.	Replace visual display boards - 50% allowance	240	lf	43.00	\$10,320	2017
g.	Rework classrooms entrances to meet ADA accessibility	11	ea	5,350.00	\$58,850	2017

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5. Building accessibility improvements (allowance)	1	ls	23,000.00	\$23,000	2017
<b>Mechanical:</b>					
1. Replace existing toilet room exhaust fans	6	ea	3,174.00	\$19,044	2017
2. Replace existing Gym AHU	1	ls	74,000.00	\$74,000	2017
3. Replace pneumatic with new DDC system (tie into ex. District Trane)	47,095	sf	7.00	\$329,665	2017
4. Add Co2 sensors on all UV's	19	ea	1,700.00	\$32,300	2017
5. Provide exhaust fan for IDF room	1	ea	3,970.00	\$3,970	2017
6. Replace plumbing fixtures in all areas except 1998 addition	48	ea	1,420.00	\$68,160	2017
7. Replace ex. Gas/dx packaged terminal air cond. units if portables stay	2	ea	10,000.00	\$20,000	2017
8. Reroute existing underground domestic water piping to above ceiling	47,095	sf	2.00	\$94,190	2017
<b>Lighting:</b>					
1. Replace ex. Gym lighting with LED	5,020	sf	14.00	\$70,280	2017
2. Replace exterior wall packs	10	ea	2,000.00	\$20,000	2017
3. Replace site lighting with LED and rusted poles	8	ea	4,000.00	\$32,000	2017
4. Replace emergency lighting battery packs and add small generator	47,095	sf	2.00	\$94,190	2017
5. Replace lighting control system	47,095	sf	1.40	\$65,933	2017
6. Connect IT loads and Freezer/cooler to emergency generator	1	ls	8,500.00	\$8,500	2017
7. Add power receptacles and data drops in classrooms	19	ea	2,000.00	\$38,000	2017
<b>Phone with PA Feature, Clock:</b>					
1. Replace clock system with wireless system	47,095	sf	0.90	\$42,386	2017

**Building Sub-Total \$4,939,084**

CM & A/E Fee & Costs	<b>\$728,384</b>
Contingency	<b>\$493,908</b>
FFE	<b>\$492,000</b>
<b>Building Total</b>	<b>\$6,653,376</b>

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Building/Description		Area		Unit Cost	Construction Total Cost	Const. Year	
<b><u>Edgewood Elementary</u></b>							
<b>General:</b>							
1.	Replace ceiling fans in Cafeteria	2	ea	5,700.00	\$11,400	2017	
2.	Add large ceiling fans in Gym	2	ea	5,700.00	\$11,400	2017	
3.	Add air conditioning to Library	2,190	sf	25.50	\$55,845	2017	
4.	Updated toilet rooms in central and east wings	950	sf	212.00	\$201,400	2017	
5.	Cafeteria - increase size with addition	1,245	sf	218.00	\$271,410	2017	
6.	Remove glass transoms from corridor	990	lf	68.00	\$67,320	2017	
7.	Replace classroom furniture	39	ea	FFE		2017	
8.	Secure entry/access separation	Separate - Tech & Security Proposal					2015
<b>Site:</b>							
1.	Add walkway for student loading at parent pick-up	590	lf	65.30	\$268,720	2017	
2.	Add walkway from city walk to school entrance	50	lf	65	\$3,265	2017	
3.	Asphalt pavement replacement (5-8 years)						
	- Standard duty pavement	81,605	sf	2.10	\$171,371	2020	
	- Heavy duty pavement	15,320	sf	2.70	\$41,364	2020	
4.	Add resilient play surface at play equipment	1	ls	39,700	\$39,700	2017	
5.	Install barrier free routes to playground	700	lf	65	\$45,710	2017	
6.	Replace walk to Administration entrance (install new to meet ADA)	1,025	sf	8.50	\$8,713	2017	
7.	Install barrier free parking at West lot near ramped entrance	2	ea	2,490	\$4,980	2017	
8.	Add parking spaces (pavement only - sheet storm water)	9,000	sf	4.00	\$36,000	2017	
<b>Architecture:</b>							
1.	Exterior walls - add insulation on interior of exterior walls	Cost more than the benefit and payback					
2.	Exterior openings - replace window systems					2017	
	- Windows	980	lf	442.00	\$433,160	2017	
	- Entrance doors (50%)	20	ea	2,490.00	\$48,555	2017	
	- Storefront at entrance doors (50%)	60	lf	561.00	\$33,660	2017	
3.	Roofing (replace grade B & C only)						
	- Replace grades C-F only	20,110	sf	11.90	\$239,309	2017	
	- Replace grade B only	47,330	sf	13.20	\$624,756	2021	
4.	Interiors						
a.	Flooring - replace hard floor & carpet in some rooms						
	- Change VCT in classrooms to carpet	27,190	sf	7.40	\$201,206	2017	
	- Replace carpet in classrooms	1,680	sf	5.70	\$9,576	2017	
	- Replace VCT in classrooms	1,915	sf	9.10	\$17,427	2017	
	- Replace carpet in offices	10,115	sf	7.40	\$74,851	2017	
	- Change VCT in corridors to hard tile	3,275		14.70	\$48,143	2017	
b.	Replace acoustical ceiling tiles older than 20 years	44,175	sf	7.40	\$326,895	2017	
c.	Replace interior wood drs & hdw.(existing frames to remain) - 25%	14	ea	1,870.00	\$25,713	2017	
d.	Replace existing casework	500	lf	368.00	\$184,000	2017	
e.	Updated existing toilets (65%)	855	sf	212.00	\$181,207	2017	
f.	Replace visual display boards - 50% allowance	480	lf	43.00	\$20,640	2017	
5.	Building accessibility improvements (allowance)	1	ls	23,000.00	\$23,000	2017	
<b>Mechanical:</b>							
1.	Replace existing toilet room exhaust fans	8	ea	2,830.00	\$22,640	2017	
2.	Add exhaust fan to IDF room	1	ea	3,970.00	\$3,970	2017	
3.	Replace West wing boilers with new condensing boilers	1	ls	68,000.00	\$68,000	2017	

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4.	Replace West wing pumps with variable speed pumps	1	ls	17,000.00	\$17,000	2017
5.	Provide air conditioning to East wing Computer Lab	1	ls	20,400.00	\$20,400	2017
6.	Replace East wing boilers with new condensing boilers	1	ls	68,000.00	\$68,000	2017
7.	Replace East wing pumps with variable speed pumps	1	ls	17,000.00	\$17,000	2017
8.	Replace Central wing boilers with new condensing boilers	1	ls	68,000.00	\$68,000	2017
9.	Replace Central wing pumps with variable speed pumps	1	ls	17,000.00	\$17,000	2017
10.	Replace Multi-Purpose and Gym air handling units	1	ls	136,000.00	\$136,000	2017
11.	Replace pneumatic with new DDC system (tie into ex. District Trane)	74,230	sf	7.00	\$519,610	2017
12.	Add Co2 sensors on all UV's	39	ea	1,700.00	\$66,300	2017
13.	Replace mop basin in West wing	1	ea	2,300.00	\$2,300	2017
14.	Replace plumbing fixtures in Central & East wings	37	ea	2,100.00	\$77,700	2017
15.	Replace domestic hot water heaters in East wing, incl. recirc. pumps	1	ls	11,340.00	\$11,340	2017
16.	Reroute existing underground domestic water piping to above ceiling	74,230	sf	2.00	\$148,460	2017
<b>Electrical:</b>						
1.	Replace ex. Gym lighting with LED	2,400	sf	14.00	\$33,600	2017
2.	Replace exterior wall packs	18	ea	2,000.00	\$36,000	2017
3.	Replace site lighting with LED and rusted poles	15	ea	4,000.00	\$60,000	2017
4.	Replace emergency lighting battery packs and add small generator	74,230	sf	2.30	\$170,729	2017
5.	Replace lighting control system	74,230	sf	1.40	\$103,922	2017
6.	Connect IT loads and Freezer/cooler to emergency generator	1	ls	8,500.00	\$8,500	2017
7.	Add power receptacles and data drops in classrooms	39	ea	2,000.00	\$78,000	2017
<b>Phone with PA Feature, Clock:</b>						
1.	Replace clock system with wireless system	74,230	sf	1.00	\$74,230	2017
<b>Building Sub-Total</b>					<b>\$5,559,397</b>	
					CM & A/E Fee & Costs	<b>\$827,718</b>
					Contingency	<b>\$555,942</b>
					FFE	<b>\$587,000</b>
					<b>Building Total</b>	<b>\$7,530,057</b>

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Building/Description		Area		Unit Cost	Construction Total Cost	Const. Year	
<b><u>Shettler Elementary</u></b>							
<b>General:</b>							
1.	Increase amount of toilets in upper grade levels						
	- Convert coat room into toilet rooms	590	sf	212.00	\$125,080	2017	
	- Building addition to replace coat room used for toilets	590	sf	243.70	\$143,783	2017	
2.	Enclose Upper Grade Level classrooms with corridor wall						
	- Corridor walls to enclose classrooms	225	lf	209.00	\$47,025	2017	
	- Classroom entrance doors	8	ea	2,550.00	\$20,400	2017	
3.	Gym addition to separate function from Cafeteria	8,500	sf	218.00	\$1,853,000	2017	
	- Sitework for building addition	8,500	sf	3.40	\$28,900	2017	
4.	Add air conditioning to library	1,935	sf	28.00	\$54,180	2017	
5.	Add large ceiling fans in Cafeteria & Gym	4	ea	5,700.00	\$22,800	2017	
6.	Replace Cafeteria tables	12	ea	FFE		2017	
7.	Remove glass transoms from corridor	135	lf	68.00	\$9,180	2017	
8.	Rework classrooms entrances to meet ADA accessibility	10	ea	5,350.00	\$53,500	2017	
9.	Replace classroom furniture	21	ea	FFE		2017	
10.	Secure entry/access separation	Separate - Tech & Security Proposal					2015
<b>Site:</b>							
1.	Create barrier free access to play equipment	1	ls	8,500.00	\$8,500	2017	
<b>Architecture:</b>							
1.	Exterior walls - add insulation on interior of exterior walls	Cost more than the benefit and payback					
2.	Exterior openings - replace window systems			18,700	\$0	2017	
	- Windows	275	lf	442.00	\$121,550	2017	
	- Entrance doors	24	ea	2,490.00	\$59,760	2017	
	- Storefront at entrance doors	172	lf	748.00	\$128,656	2017	
3.	Roofing (replace grade B & C only)						
	- Replace grades C-F only	-	sf	11.90	\$0	2017	
	- Replace grade B only	-	sf	13.20	\$0	2021	
4.	Interiors						
a.	Flooring - replace hard floor & carpet in some rooms						
	- Change VCT in classrooms to carpet	1,955	sf	7.40	\$14,467	2017	
	- Replace carpet in classrooms	14,975	sf	5.70	\$85,358	2017	
	- Replace VCT in classrooms	4,920	sf	9.10	\$44,772	2017	
	- Replace carpet in offices	2,955	sf	7.40	\$21,867	2017	
	- Change VCT in corridors to hard tile	2,915	sf	14.70	\$42,851	2017	
b.	Replace acoustical ceiling tiles older than 20 years	33,865	sf	7.40	\$250,601	2017	
c.	Replace interior wood doors and hardware (existing frames to remain)	62	ea	1,870.00	\$115,940	2017	
d.	Replace existing casework	225	lf	368.00	\$82,800	2017	
e.	Updated existing toilets	1,515	sf	212.00	\$321,180	2017	
f.	Replace visual display boards - 50% allowance	264	lf	43.00	\$11,352	2017	
5.	Building accessibility improvements (allowance)	1	ls	23,000.00	\$23,000	2017	
<b>Mechanical:</b>							
1.	Replace existing toilet room exhaust fans	6	ea	2,830	\$16,980	2017	
2.	Replace zone pumps	2	ea	5,100	\$10,200	2017	
3.	Replace Gym air handling unit	1	ea	73,700.00	\$73,700	2017	
4.	Replace pneumatic with new DDC system (tie into ex. District Trane)	36,452	sf	7.00	\$255,164	2017	
5.	Add Co2 sensors on all UV's	21	ea	1,700.00	\$35,700	2017	

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6. Replace plumbing fixtures except Kindergarten & 1998 addition wings	35	ea	2,100.00	\$73,500	2017
7. Reroute existing underground domestic water piping to above ceiling	74,230	sf	2.00	\$148,460	2017
<b>Electrical:</b>					
1. Replace ex. Gym lighting with LED	3,840	sf	14.00	\$53,760	2017
2. Replace exterior wall packs	16	ea	2,000.00	\$32,000	2017
3. Replace emergency lighting battery packs and add small generator	36,452	sf	2.30	\$83,840	2017
4. Add occupancy sensors in classrooms	36,452	sf	0.90	\$32,807	2017
5. Replace lighting control system	36,452	sf	1.40	\$51,033	2017
6. Connect IT loads and Freezer/cooler to emergency generator	1	ls	8,500.00	\$8,500	2017
7. Add power receptacles and data drops in classrooms	21	ea	2,000.00	\$42,000	2017
<b>Phone with PA Feature, Clock:</b>					
1. Replace clock system with wireless system	36,452	sf	1.00	\$36,452	2017
<b>Building Sub-Total</b>				<b>\$4,644,598</b>	

CM & A/E Fee & Costs	<b>\$677,477</b>
Contingency	<b>\$464,460</b>
FFE	<b>\$363,000</b>
<b>Building Total</b>	<b>\$6,149,535</b>

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Building/Description	Area		Unit Cost	Construction Total Cost	Const. Year
<b><i>Fruitport Middle School</i></b>					
<b>General:</b>					
1. Elevator replacement	1	ls	85,000	\$85,000	2017
2. Add air conditioning to library	3,945	sf	28.00	\$110,460	2017
3. Add large ceiling fans in Auditorium	1	ea	5,700.00	\$5,700	2017
4. Add large ceiling fans in Cafeteria & Gym	6	ea	5,700.00	\$34,200	2017
5. Replace scoreboard in Gym	1	ls	8,500.00	\$8,500	2017
6. Replace bleachers in Gym and add capacity	300	ea	170.00	\$51,000	2017
7. Replace classroom furniture	48	ea	FFE		2017
8. Secure entry/access separation	Separate - Tech & Security Proposal				2016
<b>Site:</b>					
1. Create safe pedestrian crossing at bus garage drive	145	lf	65.00	\$9,425	2017
2. Asphalt pavement replacement (5-8 years)					
- Standard duty pavement	74,980	sf	2.10	\$157,458	2020
- Heavy duty pavement	59,125	sf	2.70	\$159,638	2020
3. Install sidewalk meeting ADA standards at side near garden	200		65.00	\$13,000	2017
<b>Architectural:</b>					
1. Exterior walls - add insulation on interior of exterior walls	Cost more than the benefit and payback				
2. Exterior openings - replace window systems					
- Windows	64	lf	442.00	\$28,288	2017
- Entrance doors (20%)	14	ea	2,490.00	\$34,860	2017
- Storefront at entrance doors (20%)	150	lf	436.00	\$65,400	2017
3. Roofing (replace grade B & C only)					
- Replace grades C-F only	-	sf	11.90	\$0	2017
- Replace grade B only	-	sf	13.20	\$0	2021
4. Interiors					
a. Flooring - replace hard floor & carpet in some rooms					
- Change VCT in classrooms to carpet	9,165	sf	7.40	\$67,821	2017
- Replace carpet in classrooms	1,230	sf	5.70	\$7,011	2017
- Replace VCT in classrooms	5,300	sf	9.10	\$48,230	2017
- Replace carpet in offices	230	sf	7.40	\$1,702	2017
- Change VCT in corridors to hard tile	4,020	sf	14.70	\$59,094	2017
b. Replace acoustical ceiling tiles older than 20 years	17,624	sf	7.40	\$130,418	2017
c. Replace interior wood doors and hardware (existing frames to remain)	212	ea	1,870.00	\$396,440	2017
d. Replace existing casework	440	lf	368.00	\$161,920	2017
e. Updated existing toilets 60%	1,550	sf	212.00	\$328,600	2017
f. Replace visual display boards - 50% allowance	576	lf	43.00	\$24,768	2017
5. Building accessibility improvements (allowance)	1	ls	57,000.00	\$57,000	2017
<b>Mechanical:</b>					
1. Replace existing toilet room exhaust fans	9	ea	2,830	\$25,470	2017
2. Replace zone pumps	12	ea	5,100	\$61,200	2017
3. Replace Auditorium & Gym air handling units	4	ea	73,700.00	\$294,800	2017
Replace Natatorium air handling units	1	ea	311,700.00	\$311,700	2017
4. Replace parts of pool piping that is poor (study pool replacement via cost analysis is needed)	1	ls	630,000.00	\$630,000	2017
5. Add Co2 sensors on all UV's	21	ea	1,700.00	\$35,700	2017
6. Reroute existing underground domestic water piping to above ceiling	156,400	sf	2.00	\$312,800	2017

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7. Replace water heaters serving classroom wings (heater, tank & pump)	3	ea	51,000.00	\$153,000	2017
8. Replace plumbing fixtures - 60%	61	ea	2,100	\$128,100	2017
<b>Electrical:</b>					
1. Replace ex. Cafeteria lighting with LED	4,020	sf	14.00	\$56,280	2017
2. Replace stage lighting with LED	1	ls	198,400.00	\$198,400	2017
3. Replace ex. Gym lighting with LED	7,740	sf	14.00	\$108,360	2017
4. Replace exterior wall packs	30	ea	2,000.00	\$60,000	2017
5. Replace 1968 Distribution Switchboard	1	ls	51,000.00	\$51,000	2017
6. Connect IT loads and Freezer/cooler to emergency generator	1	ls	8,500.00	\$8,500	2017
7. Replace emergency lighting battery packs and add small generator	156,400	sf	2.30	\$359,720	2017
8. Add occupancy sensors in classrooms	156,400	sf	0.90	\$140,760	2017
9. Replace lighting control system	156,400	sf	1.40	\$218,960	2017
10. Replace abandoned PA system	156,400	sf	1.00	\$156,400	2017
11. Connect IT loads and Freezer/cooler to emergency generator	1	ls	8,500.00	\$8,500	2017
12. Add power receptacles and data drops in classrooms	48	ea	2,000.00	\$96,000	2017
<b>Phone with PA Feature, Clock:</b>					
1. Replace clock system with wireless system	156,400	sf	1.00	\$156,400	2017

**Building Sub-Total** **\$3,982,418**

CM & A/E Fee & Costs	<b>\$557,545</b>
Contingency	<b>\$398,242</b>
FFE	<b>\$0</b>
Building Total	<b>\$4,938,205</b>



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Building/Description		Area		Unit Cost	Construction Total Cost	Const. Year	
<b><i>Fruitport High School</i></b>							
<b><i>General:</i></b>							
1.	Remove portables	4	ea	8,500	\$34,000	2017	
	New classroom construction	4,860	sf	200	\$972,000	2017	
2.	Replace scoreboard in Gym	2	ea	17,000.00	\$34,000	2017	
3.	Add air conditioning to library	4,170	sf	28	\$116,760	2017	
4.	Add large ceiling fans in Cafeteria & Gym	6	ea	5,700.00	\$34,200	2017	
5.	Increase Shower/Locker areas capacity	2,150	sf	220	\$473,000	2017	
6.	Add shade structure at tennis courts	2	ea	11,340.00	\$22,680	2017	
7.	New entry plaza and restroom at soccer/football complex	1	ls	918,220	\$918,220	2017	
8.	Replace classroom furniture	48	ea	FFE		2017	
9.	Secure entry/access separation	Separate - Tech & Security Proposal					2017
<b><i>Site:</i></b>							
1.	Asphalt pavement replacement (5-8 years)						
	- Standard duty pavement	99,100	sf	2.10	\$208,110	2020	
	- Heavy duty pavement	62,235	sf	2.70	\$168,035	2020	
2.	Improve circulation around site (allowance)	1	ls	56,700.00	\$56,700	2017	
3.	Install barrier free routes to ball field and soccer bleachers (allowance)	1	ls	34,000.00	\$34,000	2017	
						2017	
<b><i>Architectural:</i></b>							
1.	Exterior walls - add insulation on interior of exterior walls	Cost more than the benefit and payback					
2.	Exterior openings - replace window systems						
	- Windows (older sections of building)	415	lf	442.00	\$183,430	2017	
	- Entrance doors (5% minor)	33	ea	2,490.00	\$82,170	2017	
	- Storefront at entrance doors	175	lf	561.00	\$98,175	2017	
3.	Roofing (replace grade B & C only)						
	- Replace grades C-F only	10,190	sf	19.30	\$196,667	2017	
	- Replace grade B only	104,622	sf	13.20	\$1,381,010	2021	
4.	Interiors						
a.	Flooring - replace hard floor & carpet in some rooms						
	- Change VCT in classrooms to carpet	14,260	sf	7.40	\$105,524	2017	
	- Replace carpet in classrooms	4,270	sf	5.70	\$24,339	2017	
	- Replace VCT in classrooms	8,230	sf	9.10	\$74,893	2017	
	- Replace carpet in offices	10,840	sf	7.40	\$80,216	2017	
	- Walk-off carpet tile in vestibules	225	sf	6.80	\$1,530	2017	
	- Change VCT in corridors to hard tile	1,410	sf	14.70	\$20,727	2017	
b.	Replace acoustical ceiling tiles older than 20 years	39,235	sf	7.40	\$290,339	2017	
c.	Replace interior wood drs and hdw. (existing frames to remain) 5%	15	ea	1,870.00	\$28,050	2017	
d.	Replace ex casework	310	lf	368.00	\$114,080	2017	
e.	Updated ex toilets (50%)	610	sf	212.00	\$129,320	2017	
f.	Replace visual display boards - 50% allowance	576	lf	43.00	\$24,768	2017	
5.	Building accessibility improvements (allowance)	1	ls	57,000.00	\$57,000	2017	
<b><i>Mechanical:</i></b>							
1.	Replace existing toilet room exhaust fans	10	ea	3,170.00	\$31,700	2017	
2.	Provide individual cooling only unit for the IDF room	1	ls	3,000.00	\$3,000	2017	
3.	Provide individual cooling only unit for the Switch room	1	ls	3,000.00	\$3,000	2017	
4.	Replace heating system pumps and add variable drives	1	ls	51,000.00	\$51,000	2017	
5.	Add system isolation valves for maintenance	10	ea	3,970.00	\$39,700	2017	

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Building/Description		Area		Unit Cost	Construction Total Cost	Const. Year
6.	Replace plumbing fixtures in all areas (50%)	53	ea	2,100.00	\$111,300	2017
7.	Reroute existing underground domestic water piping to above ceiling	157,435	sf	2.00	\$314,870	2017
<b>Lighting:</b>						
1.	Replace ex. Gym, Multi-purpose and Auditorium house lighting with LED	27,400	sf	14.00	\$383,600	2017
2.	Replace site lighting with LED and rusted poles	21	ea	4,100.00	\$86,100	2017
3.	Replace emergency lighting battery packs and add small generator	157,435	sf	2.00	\$314,870	2017
4.	Add receptacles in Industrial Arts room	3,400	sf	9.00	\$30,600	2017
5.	Replace lighting control system	157,435	sf	1.40	\$220,409	2017
6.	Replace PA system	157,435	sf	0.90	\$141,692	2017
7.	Clock system	duplicate item				
8.	Connect IT loads and Freezer/cooler to emergency generator	1	ls	8,500.00	\$8,500	2017
9.	Add power receptacles and data drops in classrooms	45	ea	2,000.00	\$90,000	2017
<b>Phone with PA Feature, Clock:</b>						
1.	Replace clock system with wireless system	157,435	sf	0.90	\$141,692	2017
<b>Building Sub-Total</b>					<b>\$7,935,976</b>	
CM & A/E Fee & Costs					<b>\$1,169,467</b>	
Contingency					<b>\$793,599</b>	
FFE					<b>\$779,000</b>	
Building Total					<b>\$10,678,042</b>	
Tech/Bus					0	0
					<b>\$27,061,473</b>	
CM & A/E Fee & Costs					<b>\$3,960,591</b>	
Contingency					<b>\$2,706,151</b>	
FFE					<b>\$2,221,000</b>	
<b>Grand Total</b>					<b>\$35,949,215</b>	

**Fruitport Community Schools  
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Building/Description	Area		Unit Cost	Construction Total Cost	Const. Year
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**By Category**

Secure Entry & Office Additions	\$0
Add Capacity	\$1,205,300
Pool Mechanical	\$1,167,700
General Building Renovations	\$9,771,100
Shell Improvements	\$2,104,700
Utilities ( HVAC & Electric)	\$10,753,000
Playground & Site Improvements	\$2,802,100
Gym Additions	\$1,379,500
Kitchen/Café	\$1,039,500
Media Center renovations	\$362,700
Roofing	\$3,395,400
Furniture replacement	\$1,968,300
	\$35,949,300