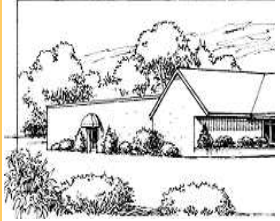


162	A-8	270° FACIA	56.36	5%	5538	LF	2.23	5	8.0	5	4.0	5	236.7	5	42	5	1894	5	0.8	5	47	5	473
163	A-8	270° FACIA ON SIMILAR SIDING	488.55	5%	722.96	SO FT	17.01	5	18.0	5	5.0	5	4.61	5	6.0	5	4518	5	1.8	5	23	5	7230
164	A-8	TYVEE BUILDING WRAP FOR ENTIRE SIDING AREA	488.55	5%	722.96	SO FT	17.01	5	64	5	25	5	1807.4	5	26	5	14466	5	6.5	5	961	5	3615
165	A-8	PROJECTED-CABLE END DRAIN	63.06	5%	6621	SO FT	4.67	5	15.0	5	7.5	5	4764	5	6.0	5	2973	5	1.5	5	99	5	993
166	A-8	WATERPROOFING FOR PERIMETER OF FOUNDATION AND WEEP HOLES	110.25	5%	110.25	LF	0.78	5	1.0	5	0.5	5	263.5	5	1.5	5	65	5	0.5	5	10	5	1654
167	A-8	WATERPROOFING FOR PERIMETER OF FOUNDATION AND WEEP HOLES	280.00	5%	294.00	LF	4.15	5	3.0	5	1.5	5	441.0	5	1.2	5	352.0	5	0.3	5	88	5	882
168																							
169	8000	DIVISION 08- DOORS AND WINDOWS																					
170		WINDOWS																					
171	A-7	A-7 FRONT AND REAR ELEVATION																					
172	A-7	ANDERSON 400 SERIES WINDOW- SIZE 2' 0" X 2' 0"	11.00	0%	13.00	EA	67.29	5	1,100.0	5	550.0	5	7,150.0	5	440.0	5	5,720.0	5	110.0	5	1,430	5	14,300
173	A-7	ANDERSON 400 SERIES WINDOW- SIZE 2' 0" X 4' 0"	10.00	0%	18.00	EA	61.10	5	1,300.0	5	650.0	5	6,500.0	5	520.0	5	5,200.0	5	130.0	5	1,300	5	13,000
174	A-7	ANDERSON 400 SERIES WINDOW- SIZE 2' 4" X 3' 0"	24.00	0%	24.00	EA	146.82	5	1,800.0	5	900.0	5	15,600.0	5	620.0	5	12,480.0	5	130.0	5	3,120	5	31,200
175	A-7	ANDERSON 400 SERIES WINDOW- SIZE 2' 4" X 5' 0"	6.00	0%	6.00	EA	28.43	5	1,000.0	5	500.0	5	3,000.0	5	480.0	5	2,400.0	5	100.0	5	600	5	6,000
176	A-7	ANDERSON 400 SERIES WINDOW- SIZE 2' 4" X 2' 0"	1.00	0%	1.00	EA	4.71	5	1,000.0	5	500.0	5	5,000.0	5	400.0	5	4,000.0	5	100.0	5	100	5	1,000
177	A-7	ANDERSON 400 SERIES WINDOW- SIZE 2' 0" X 2' 0"	2.00	0%	2.00	EA	12.24	5	1,300.0	5	650.0	5	1,300.0	5	520.0	5	1,040.0	5	130.0	5	260	5	2,600
178	A-7	A-8 SIDE ELEVATION																					
179	A-8	ANDERSON 400 SERIES WINDOW- SIZE 2' 0" X 4' 0"	4.00	0%	4.00	EA	20.71	5	1,100.0	5	550.0	5	2,200.0	5	440.0	5	1,760.0	5	110.0	5	440	5	4,400
180	A-8	ANDERSON 400 SERIES WINDOW- SIZE 2' 7' X 6' 1"	2.00	0%	2.00	EA	10.35	5	1,100.0	5	550.0	5	1,100.0	5	440.0	5	880.0	5	110.0	5	220	5	2,200
181	A-8	ANDERSON 400 SERIES WINDOW- SIZE 2' 7' X 5' 2"	12.00	0%	12.00	EA	67.76	5	2,200.0	5	1,100.0	5	7,200.0	5	880.0	5	5,760.0	5	120.0	5	1,440	5	14,400
182	A-8	ANDERSON 400 SERIES WINDOW- SIZE 2' 0" X 5' 0"	2.00	0%	2.00	EA	11.29	5	1,200.0	5	600.0	5	1,200.0	5	480.0	5	960.0	5	120.0	5	240	5	2,400
183	A-8	ANDERSON 400 SERIES WINDOW- SIZE 1' 0" X 2' 0"	7.00	0%	7.00	EA	32.54	5	1,000.0	5	500.0	5	3,500.0	5	400.0	5	2,000.0	5	100.0	5	200	5	2,000
184		DOORS																					
185	A-3	A-3 BASEMENT & FOUNDATION PLAN																					
186	A-3	EXTERIOR DOUBLE DOOR SIZE 6' X 7'	1.00	0%	1.00	EA	17.88	5	1,800.0	5	1,800.0	5	1,520.0	5	1,520.0	5	380.0	5	380	5	3,800		
187	A-3	INTERIOR DOOR SIZE 3' X 7'	4.00	0%	4.00	EA	37.65	5	2,000.0	5	1,000.0	5	4,000.0	5	800.0	5	3,400.0	5	200.0	5	800	5	8,000
188	A-3	EXTERIOR DOOR SIZE 6' X 7'	4.00	0%	4.00	EA	71.53	5	1,800.0	5	1,800.0	5	7,600.0	5	1,620.0	5	6,080.0	5	380.0	5	1,520	5	15,200
189	A-3	INTERIOR DOOR SIZE 3' X 7'	1.00	0%	1.00	EA	9.31	5	2,000.0	5	1,000.0	5	1,000.0	5	800.0	5	800.0	5	200.0	5	200	5	2,000
190		A-4 1ST FLOOR PLAN																					
191	A-4	EXTERIOR DOUBLE DOOR SIZE 3' X 7'	1.00	0%	1.00	EA	9.41	5	2,000.0	5	1,000.0	5	1,000.0	5	800.0	5	800.0	5	200.0	5	200	5	2,000
192	A-4	EXTERIOR DOUBLE DOOR SIZE 6' X 7'	1.00	0%	1.00	EA	17.88	5	1,800.0	5	1,800.0	5	1,520.0	5	1,520.0	5	380.0	5	380	5	3,800		
193	A-4	GARAGE INTERIOR DOOR SIZE 3' X 7'	1.00	0%	1.00	EA	9.41	5	2,000.0	5	1,000.0	5	1,000.0	5	800.0	5	800.0	5	200.0	5	200	5	2,000
194	A-4	EXTERIOR DOOR SIZE 3' X 7'	4.00	0%	4.00	EA	17.88	5	1,800.0	5	1,800.0	5	1,520.0	5	1,520.0	5	380.0	5	380	5	3,800		
195	A-4	EXTERIOR DOUBLE DOOR SIZE 6' X 7'	1.00	0%	1.00	EA	71.53	5	1,800.0	5	1,800.0	5	7,600.0	5	1,620.0	5	6,080.0	5	380.0	5	1,520	5	15,200
196	A-4	SLIDING GLASS DOOR @ 16' 0" X 10' 0"	1.00	0%	1.00	EA	117.65	5	25,000.0	5	12,500.0	5	12,500.0	5	10,000.0	5	10,000.0	5	2,500.0	5	2,500	5	25,000
197		GARAGE																					
198	A-4	DOOR SIZE 3' X 7'	1.00	0%	1.00	EA	9.41	5	2,000.0	5	1,000.0	5	1,000.0	5	800.0	5	800.0	5	200.0	5	200	5	2,000
199	A-4	ATTACHED GARAGE DOOR	3.00	0%	3.00	EA	112.94	5	8,000.0	5	4,000.0	5	12,000.0	5	3,200.0	5	9,600.0	5	380.0	5	1,520	5	15,200
200		A-5 2ND FLOOR PLAN																					
201	A-5	INTERIOR DOOR SIZE 3' X 7'	15.00	0%	15.00	EA	141.18	5	2,000.0	5	1,000.0	5	15,000.0	5	800.0	5	12,000.0	5	200.0	5	3,000	5	30,000
202	A-5	INTERIOR DOUBLE DOOR SIZE 6' X 7'	1.00	0%	1.00	EA	17.88	5	1,800.0	5	1,800.0	5	1,520.0	5	1,520.0	5	380.0	5	380	5	3,800		
203																							
204	9000	DIVISION 09- FINISHES																					
205		A3 BASEMENT & FOUNDATION PLAN																					
206	A-3	PAINTITION WALL 1/2" GYPSUM BOARD WALL 2X4 STUDS FURRING WALL BATT INSULATION @ 16"	1296.27	5%	1361.08	SO FT																	
207	A-3	2X4 STUDS FURRING	976.44	5%	1023.77	LF	19.26	5	4.0	5	2.0	5	2,046.7	5	1.6	5	1,637.4	5	0.4	5	409	5	4,093
208	A-3	2X4 TOP RUNNER	143.03	5%	150.18	LF	2.81	5	4.0	5	2.0	5	1,430.4	5	1.6	5	2,403.3	5	0.4	5	60	5	601
209	A-3	2X4 BOTTOM RUNNER	143.03	5%	150.18	LF	2.81	5	4.0	5	2.0	5	1,430.4	5	1.6	5	2,403.3	5	0.4	5	60	5	601
210	A-3	1/2" GYPSUM BOARD	2925.54	5%	2722.57	SO FT	32.03	5	2.5	5	1.3	5	3,402.7	5	1.0	5	2,722.2	5	0.3	5	601	5	6,005
211	A-3	FIBERGLASS BATT R-21 INSULATION	1296.27	5%	1361.08	SO FT	16.01	5	2.5	5	1.3	5	1,791.1	5	1.0	5	1,361.1	5	0.3	5	401	5	3,401
212	A-3	EXTERIOR WALL 1/2" GYPSUM BOARD WALL 2X4 STUDS FURRING WALL BATT INSULATION @ 16"	1791.54	5%	1881.12	SO FT																	
213	A-3	2X4 STUDS FURRING	1356.62	5%	1413.95	LF	26.62	5	4.0	5	2.0	5	2,827.9	5	1.6	5	2,426.3	5	0.4	5	566	5	5,606
214	A-3	2X4 TOP RUNNER	199.06	5%	209.01	LF	3.93	5	4.0	5	2.0	5	4,180.0	5	1.6	5	3,344.0	5	0.4	5	84	5	836
215	A-3	2X4 BOTTOM RUNNER	199.06	5%	209.01	LF	3.93	5	4.0	5	2.0	5	4,180.0	5	1.6	5	3,344.0	5	0.4	5	84	5	836
216	A-3	1/2" GYPSUM BOARD	1791.54	5%	1881.12	SO FT	22.13	5	2.5	5	1.3	5	2,551.6	5	1.0	5	1,681.1	5	0.3	5	470	5	4,703
217	A-3	FIBERGLASS BATT R-21 INSULATION	1296.27	5%	1361.08	SO FT	16.01	5	2.5	5	1.3	5	1,791.1	5	1.0	5	1,361.1	5	0.3	5	401	5	3,401
218	A-3	CROWN MOULDING	200.00	5%	294.00	LF	20.75	5	15.0	5	7.5	5	2,205.5	5	6.0	5	1,760.0	5	1.5	5	441	5	4,410
219	A-3	WALL PAINT- BENJAMIN MOORE PAINT #2 COATS	817.50	5%	858.46	SO FT	141.42	5	3.5	5	1.8	5	15,626.3	5	1.4	5	12,610.0	5	0.4	5	3,005	5	30,053
220	A-3	BATHROOM WALL TILE	1296.27	5%	1361.08	SO FT	16.01	5	2.0	5	1.0	5	1,791.1	5	1.5	5	1,160.0	5	1.5	5	315	5	3,150
221	A-3	BATH FLOORING TILE	44.68	5%	46.91	SO FT	2.65	5	12.0	5	6.0	5	281.5	5	4.8	5	225.2	5	1.2	5	54	5	563
222		A-4 1ST FLOOR PLAN																					
223	A-4	PAINTITION WALL 1/2" GYPSUM BOARD WALL 2X4 STUDS FURRING WALL BATT INSULATION @ 16"	1921.36	5%	2049.77	SO FT																	
224	A-4	2X4 STUDS FURRING	1467.79	5%	1553.18	LF	29.01	5	4.0	5	2.0	5	3,082.4	5	1.6	5	2,465.0	5	0.4	5	616	5	6,166
225	A-4	2X4 TOP RUNNER	244.02	5%	256.22	LF	4.82	5	4.0	5	2.0	5	5,124.4	5	1.6	5	4,100.0	5	0.4	5	102	5	1,025
226	A-4	2X4 BOTTOM RUNNER	244.02	5%	256.22	LF	4.82	5	4.0	5	2.0	5	5,124.4	5	1.6	5	4,100.0	5	0.4	5	102	5	1,025
227	A-4	1/2" GYPSUM BOARD	2925.54	5%	2722.57	SO FT	32.03	5	2.5	5	1.3	5	3,402.7	5	1.0	5	2,722.2	5	0.3	5	601	5	6,005
228	A-4	FIBERGLASS BATT R-21 INSULATION	1296.27	5%	1361.08	SO FT	16.01	5	2.5	5	1.3	5	1,791.1	5									

332			BLACK PIPE OR CSST FOR GAS SUPPLY LINES	1.00	0%	1.00	EA	3.76	\$	800.0	\$	400.0	\$	400.0	\$	320.0	\$	320.0	\$	80.0	\$	80.0		
333			ALL HOT WATER PIPING WILL REQUIRE INSTALLATION	1.00	0%	1.00	EA	9.41	\$	1,000.0	\$	1,000.0	\$	800.0	\$	800.0	\$	200.0	\$	200.0	\$	200.0		
334			RADIANT HEATING AT ALL TILED AREAS	1.00	0%	1.00	EA	4.71	\$	1,000.0	\$	500.0	\$	500.0	\$	400.0	\$	400.0	\$	100.0	\$	100.0		
335			BAS																					
336			B-2 BASEMENT & FOUNDATION PLAN																					
337		E1	EXHAUST FAN 55 CFM MIN. GC INSTALL	1.00	0%	1.00	EA	2.02	\$	400.0	\$	300.0	\$	300.0	\$	240.0	\$	240.0	\$	60.0	\$	60.0		
338			B-3 1ST FLOOR PLAN																					
339		E-2	EXHAUST FAN 55 CFM MIN. GC INSTALL	2.00	0%	2.00	EA	5.05	\$	600.0	\$	300.0	\$	300.0	\$	240.0	\$	480.0	\$	60.0	\$	120.0		
340			A-3 2ND FLOOR TO 5TH FLOOR PLAN																					
341		E-3	EXHAUST FAN 55 CFM MIN. GC INSTALL	4.00	0%	4.00	EA	11.29	\$	400.0	\$	300.0	\$	1,200.0	\$	240.0	\$	960.0	\$	60.0	\$	240.0		
342																								
343			INSTALLATION OF A NEW FORCED-AIR CENTRAL COOLING AND HEATING SYSTEM	1.00	0%	1.00	EA	23.53	\$	5,000.0	\$	2,500.0	\$	2,500.0	\$	2,000.0	\$	2,000.0	\$	500.0	\$	500.0		
344			INSTALLATION OF THREE (3) NEW PAD-MOUNTED CONDENSER UNITS	1.00	0%	1.00	EA	47.06	\$	10,000.0	\$	5,000.0	\$	5,000.0	\$	4,000.0	\$	4,000.0	\$	1,000.0	\$	1,000.0		
345			THREE (3) NEW AIR HANDLING UNITS (COOLING AND HEATING)	1.00	0%	1.00	EA	47.06	\$	10,000.0	\$	5,000.0	\$	5,000.0	\$	4,000.0	\$	4,000.0	\$	1,000.0	\$	1,000.0		
346			INSTALLATION OF INSULATED SHEET METAL DUCT (TRUNK LINES), WITH INSULATED FLEX DUCT BRANCH LINES	1.00	0%	1.00	LS	235.29	\$	50,000.0	\$	25,000.0	\$	25,000.0	\$	20,000.0	\$	20,000.0	\$	5,000.0	\$	5,000.0		
347			DIFFUSERS, REGISTERS AND GRILLES THROUGHOUT THE RESIDENCE, AS REQUIRED	1.00	0%	1.00	EA	37.65	\$	8,000.0	\$	4,000.0	\$	4,000.0	\$	3,200.0	\$	3,200.0	\$	800.0	\$	800.0		
348			AM VENTS AND VENT PIPING FOR APPLIANCES, AS REQUIRED	1.00	0%	1.00	EA	7.06	\$	1,500.0	\$	750.0	\$	750.0	\$	600.0	\$	600.0	\$	150.0	\$	150.0		
349			RADIANT HEATING UNDER ALL TILED AREAS	1.00	0%	1.00	EA	4.71	\$	1,000.0	\$	500.0	\$	500.0	\$	400.0	\$	400.0	\$	100.0	\$	100.0		
350			INSTALLATION OF THERMOSTATS (LOW-VOLTAGE WIRING BY OTHERS)	1.00	0%	1.00	EA	5.65	\$	1,200.0	\$	600.0	\$	600.0	\$	480.0	\$	480.0	\$	120.0	\$	120.0		
351																								
352	16000		DIVISION 16-ELECTRICAL																					
353			B-1 BASEMENT ELECTRICAL																					
354		E1	RECESSED DOWNLIGHT	39.00	0%	39.00	EA	64.24	\$	350.0	\$	175.0	\$	6,825.0	\$	140.0	\$	5,460.0	\$	35.0	\$	1,365.0		
355		E1	THREE-WAY SWITCH	7.00	0%	7.00	EA	3.30	\$	100.0	\$	50.0	\$	280.0	\$	40.0	\$	280.0	\$	35.0	\$	70.0		
356		E1	DUPLEX RECEPTACLE	26.00	0%	26.00	EA	13.46	\$	110.0	\$	55.0	\$	1,430.0	\$	44.0	\$	1,544.0	\$	11.0	\$	286.0		
357		E1	6" LED WATERPROOF RECESSED DOWNLIGHT	1.00	0%	1.00	EA	1.65	\$	350.0	\$	175.0	\$	175.0	\$	140.0	\$	140.0	\$	35.0	\$	35.0		
358		E1	EXHAUST FAN CONNECTION	1.00	0%	1.00	EA	0.71	\$	150.0	\$	75.0	\$	75.0	\$	60.0	\$	60.0	\$	15.0	\$	15.0		
359		E1	SINGLE POLE SWITCH	7.00	0%	7.00	EA	2.64	\$	80.0	\$	40.0	\$	280.0	\$	32.0	\$	224.0	\$	8.0	\$	56.0		
360		E1	DUPLEX RECEPTACLE GROUND FAULT CURRENT INTERRUPTED	5.00	0%	5.00	EA	3.53	\$	150.0	\$	75.0	\$	375.0	\$	60.0	\$	300.0	\$	15.0	\$	75.0		
361		E1	CARBON MONOXIDE DETECTOR	1.00	0%	1.00	EA	0.85	\$	180.0	\$	90.0	\$	90.0	\$	72.0	\$	72.0	\$	18.0	\$	18.0		
362		E1	SMOKE ALARM	1.00	0%	1.00	EA	0.05	\$	180.0	\$	90.0	\$	90.0	\$	72.0	\$	72.0	\$	18.0	\$	18.0		
363		E1	TV LOCATION	6.00	0%	6.00	EA	2.42	\$	200.0	\$	100.0	\$	300.0	\$	80.0	\$	840.0	\$	60.0	\$	60.0		
364		E1	CEILING MOUNTED FIXTURE	1.00	0%	1.00	EA	0.94	\$	200.0	\$	100.0	\$	100.0	\$	80.0	\$	80.0	\$	20.0	\$	20.0		
365		E1	CONDUIT	907.00	5%	938.35	LF	14.63	\$	3.0	\$	1.5	\$	13,543.5	\$	1.2	\$	12,438.0	\$	0.3	\$	311.0		
366		E1	WIRES	2002.00	5%	2102.10	LF	39.57	\$	4.0	\$	2.0	\$	8,204.2	\$	1.6	\$	3,263.4	\$	0.4	\$	81.0		
367		E1	LIGHT FIXTURE (INSTALL ONLY)	1.00	0%	1.00	EA	8.47	\$	300.0	\$	-	\$	-	\$	240.0	\$	720.0	\$	60.0	\$	180.0		
368			B-2 1ST FLOOR ELECTRICAL																					
369		E-2	SCUICE	14.00	0%	14.00	EA	29.65	\$	450.0	\$	225.0	\$	3,150.0	\$	180.0	\$	2,520.0	\$	65.0	\$	630.0		
370		E-2	RECESSED DOWNLIGHT	30.00	0%	30.00	EA	42.59	\$	350.0	\$	175.0	\$	6,450.0	\$	140.0	\$	5,320.0	\$	35.0	\$	1,330.0		
371		E-2	CEILING MOUNTED FIXTURE	14.00	0%	14.00	EA	13.18	\$	200.0	\$	100.0	\$	1,400.0	\$	80.0	\$	1,120.0	\$	20.0	\$	280.0		
372		E-2	DUPLEX RECEPTACLE	34.00	0%	34.00	EA	17.60	\$	110.0	\$	55.0	\$	1,770.0	\$	44.0	\$	1,496.0	\$	11.0	\$	374.0		
373		E-2	SINGLE POLE SWITCH	17.00	0%	17.00	EA	6.40	\$	80.0	\$	40.0	\$	680.0	\$	22.0	\$	514.0	\$	8.0	\$	316.0		
374		E-2	THREE-WAY SWITCH	19.00	0%	19.00	EA	0.94	\$	100.0	\$	50.0	\$	950.0	\$	40.0	\$	760.0	\$	10.0	\$	190.0		
375		E-2	TV LOCATION	2.00	0%	2.00	EA	1.80	\$	200.0	\$	100.0	\$	200.0	\$	80.0	\$	160.0	\$	20.0	\$	40.0		
376		E-2	DUPLEX RECEPTACLE APPLIANCE LOCATION DEDICATED AS REQUIRED BY GC	3.00	0%	3.00	EA	2.12	\$	150.0	\$	75.0	\$	225.0	\$	60.0	\$	180.0	\$	15.0	\$	45.0		
377		E-2	DUPLEX RECEPTACLE GROUND FAULT CURRENT INTERRUPTED	6.00	0%	6.00	EA	4.24	\$	150.0	\$	75.0	\$	450.0	\$	60.0	\$	360.0	\$	15.0	\$	90.0		
378		E-2	SMOKE ALARM	2.00	0%	2.00	EA	2.24	\$	180.0	\$	90.0	\$	270.0	\$	72.0	\$	216.0	\$	18.0	\$	54.0		
379		E-2	EXHAUST FAN CONNECTION	2.00	0%	2.00	EA	1.51	\$	150.0	\$	75.0	\$	150.0	\$	60.0	\$	120.0	\$	15.0	\$	30.0		
380		E-2	CARBON MONOXIDE DETECTOR	2.00	0%	2.00	EA	1.69	\$	180.0	\$	90.0	\$	180.0	\$	72.0	\$	144.0	\$	18.0	\$	36.0		
381		E-2	CEILING FAN	1.00	0%	1.00	EA	1.00	\$	400.0	\$	200.0	\$	200.0	\$	160.0	\$	160.0	\$	40.0	\$	40.0		
382		E-2	CONDUIT	2412.00	5%	2532.60	LF	35.75	\$	3.0	\$	1.5	\$	37,905.0	\$	1.2	\$	3,039.1	\$	0.3	\$	760.0		
383		E-2	WIRES	4254.00	5%	4466.70	LF	84.08	\$	4.0	\$	2.0	\$	8,933.4	\$	1.6	\$	7,146.7	\$	0.4	\$	1,787.0		
384			B-3 2ND FLOOR TO 5TH FLOOR ELECTRICAL																					
385		E-3	SCUICE	8.00	0%	8.00	EA	16.94	\$	450.0	\$	225.0	\$	1,800.0	\$	180.0	\$	1,440.0	\$	65.0	\$	360.0		
386		E-3	RECESSED DOWNLIGHT	14.00	0%	14.00	EA	20.59	\$	350.0	\$	175.0	\$	24,500.0	\$	140.0	\$	19,400.0	\$	35.0	\$	4,900.0		
387		E-3	6" LED WATERPROOF RECESSED DOWNLIGHT	1.00	0%	1.00	EA	20.84	\$	300.0	\$	150.0	\$	3,000.0	\$	300.0	\$	2,400.0	\$	60.0	\$	600.0		
388		E-3	CEILING FAN	4.00	0%	4.00	EA	6.59	\$	350.0	\$	175.0	\$	700.0	\$	140.0	\$	560.0	\$	35.0	\$	140.0		
389		E-3	TV LOCATION	12.00	0%	12.00	EA	11.29	\$	200.0	\$	100.0	\$	1,200.0	\$	80.0	\$	960.0	\$	20.0	\$	240.0		
390		E-3	EXHAUST FAN CONNECTION	16.00	0%	16.00	EA	11.29	\$	150.0	\$	75.0	\$	1,200.0	\$	60.0	\$	960.0	\$	15.0	\$	240.0		
391		E-3	CEILING MOUNTED FIXTURE	20.00	0%	20.00	EA	18.82	\$	200.0	\$	100.0	\$	2,000.0	\$	80.0	\$	1,600.0	\$	20.0	\$	400.0		
392		E-3	DUPLEX RECEPTACLE	132.00	0%	132.00	EA	68.33	\$	110.0	\$	55.0	\$	7,260.0	\$	44.0	\$	5,880.0	\$	11.0	\$	1,452.0		
393		E-3	SINGLE POLE SWITCH	68.00	0%	68.00	EA	25.60	\$	80.0	\$	40.0	\$	2,720.0	\$	32.0	\$	2,720.0	\$	8.0	\$	544.0		
394		E-3	THREE-WAY SWITCH	60.00	0%	60.00	EA	20.24	\$	150.0	\$	75.0	\$	3,000.0	\$	60.0	\$	2,400.0	\$	15.0	\$	300.0		
395		E-3	DUPLEX RECEPTACLE GROUND FAULT CURRENT INTERRUPTED	24.00	0%	24.00	EA	16.94	\$	150.0	\$	75.0	\$	1,800.0	\$	60.0	\$	1,440.0	\$	15.0	\$	360.0		
396		E-3	CARBON MONOXIDE DETECTOR	8.00	0%	8.00	EA	6.78	\$	180.0	\$	90.0	\$	720.0	\$	72.0	\$	576.0	\$	18.0	\$	144.0		
397		E-3	SMOKE ALARM	24.00	0%	24.00	EA	20.83	\$	180.0	\$	90.0	\$	2,160.0	\$	72.0	\$	1,728.0	\$	18.0	\$	432.0		
398		E-3	CONDUIT	3547.00	5%	3724.15	LF	32.58	\$	3.0	\$	1.5	\$	5,586.5	\$	1.2	\$	4,469.2	\$	0.3	\$	1,117.0		
399		E-3	WIRES	8954.00	5%	9444.10	LF	158.95	\$	6.0	\$	3.0	\$	36,088.2	\$	1.6	\$	13,516.6	\$	0.4	\$	3,378.0		
400		E-3	RECESSED PIN SPOT	16.00	0%	16.00	EA	26.35	\$	350.														

Square Foot Cost Estimate Report

Estimate Name:	baseket ball court	
Building Type:	Stone Ashlar & Concrete Block / Wood Joists	
Location:	NJ	 Costs are derived from a building model v Scope differences and market conditions i
Story Count:	1	
Story Height (L.F.):	30.00 (VIF)	
Floor Area (S.F.):	2629	
Labor Type:	OPN	
Basement Included:	No	
Data Release:	Year 2022	
Cost Per Square Foot:	\$397.31	
Building Cost:	\$1,044,521.31	

		Quantity	% of Total
A	Substructure		5.76%
A1010	Standard Foundations		
A10101051560	Foundation wall, CIP, 4' wall height, direct chute, .148 CY/LF, 7.2 PLF, 12" thick	205	
A10101102500	Strip footing, concrete, reinforced, load 5.1 KLF, soil bearing capacity 3 KSF, 12" deep x 24" wide	205	
A10102107200	Spread footings, 3000 PSI concrete, load 50K, soil bearing capacity 6 KSF, 3' - 0" square x 12" deep	3.58	
A1030	Slab on Grade		
A10301202240	Slab on grade, 4" thick, non industrial, reinforced	2629	
A2010	Basement Excavation		
A20101105740	Excavate and fill, 30,000 SF, 4' deep, sand, gravel, or common earth, on site storage	2629	
B	Shell		51.45%
B1010	Floor Construction		
B10102081600	Steel column, W5, 50 K, 10' unsupported length, 16 PLF	43.02	
B1020	Roof Construction		
B10201027200	Wood roof, truss, 4/12 slope, 24" O.C., 44' to 60' span	2629	
B2010	Exterior Walls		
B20101282350	Stone wall, ashlar veneer, 4" thick, 8' high, 8" CMU back-up, low priced stone	3997.5	
B2020	Exterior Windows		
B20202101150	Aluminum flush tube frame, for 1/4"glass,1-3/4"x4", 5'x6' opening, 1 intermediate horizontal	2152.5	
B20202202000	Glazing panel, plate glass, 1/4" thick, clear	2152.5	
B2030	Exterior Doors		
B20301106350	Door, aluminum & glass, without transom, narrow stile, double door, hardware, 6'-0" x 7'-0" opening	0.24	
B20302203450	Door, steel 18 gauge, hollow metal, 1 door with frame, no label, 3'-0" x 7'-0" opening	0.48	
B3010	Roof Coverings		

B30101401200	Asphalt roofing, strip shingles, premium laminated, multi-layered, Class A, 4" slope, 260-300 lbs/SQ	2760.45	
B30104300040	Flashing, aluminum, no backing sides, .019"	205	
B30106100050	Gutters, box, aluminum, .027" thick, 5", enameled finish	102.5	
B30106200250	Downspout, aluminum, rectangular, 3" x 4", enameled, .024" thick	11.47	
C	Interiors		16.55%
C1010	Partitions		
C10101022000	Concrete block (CMU) partition, regular weight, hollow, 8" thick, no finish	1877.86	
C10107101101	3 coats of painted plaster on wall	3997.5	
C1020	Interior Doors		
C10201022500	Door, single leaf, wood frame, 3'-0" x 7'-0" x 1-3/8", birch, solid core	18.78	
C3010	Wall Finishes		
C30102300140	Painting, interior on plaster and drywall, walls & ceilings, roller work, primer & 2 coats	2441.21	
C30102301800	Vinyl wall covering, fabric back, medium weight	938.93	
C30102301940	Ceramic tile, thin set, 4-1/4" x 4-1/4"	375.57	
C3020	Floor Finishes		
C30204100080	Carpet tile, nylon, fusion bonded, 18" x 18" or 24" x 24", 35 oz	1577.4	
C30204101720	Tile, ceramic natural clay	394.35	
C30204102140	Maple strip, sanded and finished, maximum	657.25	
C3030	Ceiling Finishes		
C30302106000	Acoustic ceilings, 3/4" fiberglass board, 24" x 48" tile, tee grid, suspended support	2629	
D	Services		26.24%
D2010	Plumbing Fixtures		
D20101102080	Water closet, vitreous china, bowl only with flush valve, wall hung	4.06	
D20102102040	Urinal, vitreous china, stall type	0.81	
D20103102040	Lavatory w/trim, wall hung, PE on CI, 18" x 15"	1.22	
D20104101880	Kitchen sink w/trim, countertop, stainless steel, 19" x 18" single bowl	0.2	
D20104101960	Kitchen sink w/trim, countertop, stainless steel, 33" x 22" double bowl	0.61	
D20104404380	Service sink w/trim, vitreous china, wall hung 22" x 20"	0.41	
D20107101840	Shower, stall, fiberglass 1 piece, three walls, 36" square	0.61	
D20108201920	Water cooler, electric, wall hung, wheelchair type, 7.5 GPH	0.81	
D2020	Domestic Water Distribution		
D20202202340	Gas fired water heater, residential, 100< F rise, 50 gal tank, 63 GPH	0.2	
D3050	Terminal & Package Units		
D30501554160	Rooftop, multizone, air conditioner, restaurants, 20,000 SF, 100.00 ton	2629	
D4010	Sprinklers		

D40104100620	Wet pipe sprinkler systems, steel, light hazard, 1 floor, 10,000 SF	2629	
D40104101020	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 1000 SF	394.35	
D4020	Standpipes		
D40203101540	Wet standpipe risers, class III, steel, black, sch 40, 4" diam pipe, 1 floor	0.14	
D5010	Electrical Service/Distribution		
D50101200320	Overhead service installation, includes breakers, metering, 20' conduit & wire, 3 phase, 4 wire, 120/208 V, 400 A	1	
D50102300320	Feeder installation 600 V, including RGS conduit and XHHW wire, 400 A	100	
D50102400200	Switchgear installation, incl switchboard, panels & circuit breaker, 120/208 V, 3 phase, 400 A	1	
D5020	Lighting and Branch Wiring		
D50201100200	Receptacles incl plate, box, conduit, wire, 2.5 per 1000 SF, .3 watts per SF	2629	
D50201300200	Wall switches, 1.0 per 1000 SF	2629	
D50201350360	Miscellaneous power, 1.5 watts	2629	
D50201400240	Central air conditioning power, 3 watts	2865.61	
D50202100520	Fluorescent fixtures recess mounted in ceiling, 1.6 watt per SF, 40 FC, 10 fixtures @32watt per 1000 SF	2629	
D5030	Communications and Security		
D50309100452	Communication and alarm systems, fire detection, addressable, 25 detectors, includes outlets, boxes, conduit and wire	0.12	
D50309100462	Fire alarm command center, addressable with voice, excl. wire & conduit	1	
D5090	Other Electrical Systems		
D50902100240	Generator sets, w/battery, charger, muffler and transfer switch, gas/gasoline operated, 3 phase, 4 wire, 277/480 V, 11.5 kW	0.25	
E	Equipment & Furnishings		0.00%
E1090	Other Equipment		
F	Special Construction		0.00%
G	Building Sitework		0.00%

SubTotal	100%
Contractor Fees (General Conditions,Overhead,Profit)	25.0 %
Architectural Fees	7.0 %
User Fees	0.0 %
Total Building Cost	

Date: 2/18/2022



with basic components.
can cause costs to vary significantly.

Assembly Customization Type:

-  Added
-  Partially Swapped
-  Fully Swapped

Cost Per S.F.	Cost
\$17.11	\$44,994.82
\$10.85	\$28,532.13
\$7.08	\$18,606.62
\$3.49	\$9,183.18
\$0.28	\$742.33
\$6.02	\$15,836.15
\$6.02	\$15,836.15
\$0.24	\$626.54
\$0.24	\$626.54
\$152.83	\$401,786.62
\$0.75	\$1,972.89
\$0.75	\$1,972.89
\$10.98	\$28,859.85
\$10.98	\$28,859.85
\$81.13	\$213,303.40
\$81.13	\$213,303.40
\$53.50	\$140,646.93
\$34.35	\$90,307.92
\$19.15	\$50,339.01
\$1.31	\$3,435.57
\$0.65	\$1,712.08
\$0.66	\$1,723.49
\$5.16	\$13,567.98

\$3.99 \$10,480.52

\$0.78 \$2,052.24

\$0.36 \$935.32

\$0.04 \$99.90

\$49.16 \$129,230.84

\$19.36 \$50,890.99

\$9.07 \$23,837.67

\$10.29 \$27,053.32

\$8.55 \$22,469.16

\$8.55 \$22,469.16

\$3.12 \$8,202.41

\$0.95 \$2,506.69

\$0.97 \$2,559.71

\$1.19 \$3,136.01

\$8.67 \$22,785.90

\$3.32 \$8,726.81

\$1.47 \$3,855.50

\$3.88 \$10,203.60

\$9.46 \$24,882.38

\$9.46 \$24,882.38

\$77.95 \$204,938.22

\$11.29 \$29,673.35

\$6.35 \$16,705.37

\$0.91 \$2,385.69

\$1.05 \$2,749.07

\$0.17 \$455.43

\$0.65 \$1,706.93

\$0.87 \$2,286.34

\$0.48 \$1,268.38

\$0.80 \$2,116.13

\$0.32 \$850.93

\$0.32 \$850.93

\$30.26 \$79,553.67

\$30.26 \$79,553.67

\$5.47 \$14,385.59

\$4.11 \$10,798.62

\$1.36 \$3,586.97

\$0.66 \$1,731.78

\$0.66 \$1,731.78

\$11.73 \$30,837.55

\$2.70 \$7,110.65

\$4.14 \$10,892.35

\$4.88 \$12,834.55

\$11.85 \$31,148.27

\$2.45 \$6,433.14

\$0.39 \$1,031.17

\$0.51 \$1,353.38

\$0.87 \$2,298.39

\$7.62 \$20,032.19

\$6.26 \$16,452.02

\$1.15 \$3,013.27

\$5.11 \$13,438.75

\$0.12 \$305.06

\$0.12 \$305.06

\$0.00	\$0.00
\$0.00	\$0.00
\$0.00	\$0.00
\$0.00	\$0.00

\$297.05 \$780,950.51

\$74.26 \$195,237.63

\$25.99 \$68,333.17

\$0.00 \$0.00

\$397.31 \$1,044,521.31