

PROJECT ID: Central Square Townhouses
 147-155 Central Road Old Tappan, New Jersey
 SCOPE: HVAC



COMPANY INFORMATION: USA CONSTRUCTION ESTIMATING
 CONTACT: +1 760 814 9551
 E-MAIL ADDRESS: info@usaconstructionestimating.com
 PHONE NUMBER:
 Date:

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
GENERAL REQUIREMENTS									
1		Supervision	1	LS			\$0	\$0	
2		Permits	1	LS			\$0	\$0	
3		Final Clean-up	1	LS			\$0	\$0	
4		Mobilization Costs	1	LS			\$0	\$0	
5		Project Overheads	1	LS			\$0	\$0	
6		Bonds	1	LS			\$0	\$0	
7		Temporary Control & Facilities	1	LS			\$0	\$0	
Subtotal (General Requirements)									\$0
DIVISION 23- HEATING, VENTILATING & AIR-CONDITIONING									
M-101 Mechanical Ground Floor Plan Building 1									
Building 1 Ground Floor Plan									
8		Condensing Unit (CU-1) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
9		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
10		Cooling Coils (CC-1) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
11		Furnaces (FR-1) Manufacturer: Trane Model: S9V2B040U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
12		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
13		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
14		Unit Heaters (CUH-1) Manufacturer: Qmark Model: CWH1101DSF	1	EA	\$1,500.0	\$500.0	\$2,000.0	\$2,000	
15		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
16		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
Building 1 Unit A-Ground Floor									
17		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	1	EA	\$300.0	\$150.0	\$450.0	\$450	
18		Supply Air Diffusers (CD-1) Manufacturer: Titus Model: TMS-FR	1	EA	\$300.0	\$150.0	\$450.0	\$450	
19		Fire Damper	3	EA	\$150.0	\$100.0	\$250.0	\$750	
20		32x8 Return Grills (RG-1) Manufacturer: Titus Model: 350RL	1	EA	\$300.0	\$150.0	\$450.0	\$450	
21		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
22		Damper (CRD)	1	EA	\$150.0	\$100.0	\$250.0	\$250	
23		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
24		Return Duct Work	1	EA	\$300.0	\$150.0	\$450.0	\$450	
25		Provide Dryer box Model No: DB-350	1	EA	\$400.0	\$150.0	\$550.0	\$550	
26		Supply Duct Work	1	EA	\$300.0	\$150.0	\$450.0	\$450	
27		20x8 Duct	8	LF	\$32.0	\$14.0	\$46.0	\$350	
28		22x6 Duct	23	LF	\$34.0	\$14.0	\$48.0	\$1,113	
29		8" Dia Duct	17	LF	\$20.0	\$12.0	\$32.0	\$535	
30		30x6 Duct	4	LF	\$42.0	\$14.0	\$56.0	\$216	
31		6" Dia Duct	1	LF	\$18.0	\$10.0	\$28.0	\$28	
32		4" Dia Duct	43	LF	\$16.0	\$10.0	\$26.0	\$1,106	
33		2" Dia Flue & Combustion Air Duct	90	LF	\$14.0	\$10.0	\$24.0	\$2,149	
Building 1 Unit B-Ground Floor									
34		Supply Duct Work	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
35		Fire Damper	14	EA	\$150.0	\$100.0	\$250.0	\$3,500	
36		Damper (CRD)	2	EA	\$150.0	\$100.0	\$250.0	\$500	
37		Supply Air Diffusers (CD-1) Manufacturer: Titus Model: TMS-FR	2	EA	\$300.0	\$150.0	\$450.0	\$900	
38		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
39		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
40		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	2	EA	\$300.0	\$150.0	\$450.0	\$900	
41		Supply Ductwork	2	EA	\$300.0	\$150.0	\$450.0	\$900	
42		Volume Damper	2	EA	\$150.0	\$100.0	\$250.0	\$500	
43		12x20 Duct Up	10	LF	\$24.0	\$12.0	\$36.0	\$360	
44		12x3.25 Duct Up	30	LF	\$24.0	\$12.0	\$36.0	\$1,080	
45		22x8 Duct	8	LF	\$34.0	\$14.0	\$48.0	\$406	
46		24x6 Duct	75	LF	\$36.0	\$14.0	\$50.0	\$3,733	
47		8" Dia Duct	135	LF	\$20.0	\$12.0	\$32.0	\$4,310	
48		4" Dia Duct	88	LF	\$16.0	\$10.0	\$26.0	\$2,292	
49		6" Dia Duct	64	LF	\$18.0	\$10.0	\$28.0	\$1,796	
		M-102 Mechanical Second Floor Plan Building 1							
		Building 1 Second Floor Plan							
50		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	2	EA	\$3,000.0	\$500.0	\$3,500.0	\$7,000	
51		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	2	EA	\$1,000.0	\$500.0	\$1,500.0	\$3,000	
		Building 1 Unit B Second Floor							
52		Fire Damper	8	EA	\$150.0	\$100.0	\$250.0	\$2,000	
53		Supply Duct Work	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
54		Provide Dryer box Model No: DB-350	2	EA	\$400.0	\$150.0	\$550.0	\$1,100	
55		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	2	EA	\$300.0	\$150.0	\$450.0	\$900	
56		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
57		32x10 Return Grills (RG-2) Manufacturer: Titus Model: 350RL	2	EA	\$300.0	\$150.0	\$450.0	\$900	
58		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
59		Supply Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
60		Return Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
61		30x8 Duct	2	LF	\$42.0	\$14.0	\$56.0	\$133	
62		22x8 Duct	9	LF	\$34.0	\$14.0	\$48.0	\$432	
63		4" Dia Duct	92	LF	\$16.0	\$10.0	\$26.0	\$2,389	
		Building 1 Unit C Second Floor							
64		Damper (CRD)	7	EA	\$150.0	\$100.0	\$250.0	\$1,750	
65		Fire Damper	1	EA	\$150.0	\$100.0	\$250.0	\$250	
66		Supply Air Diffusers (CD-1) Manufacturer: Titus Model: TMS-FR	7	EA	\$300.0	\$150.0	\$450.0	\$3,150	
67		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	1	EA	\$300.0	\$150.0	\$450.0	\$450	
68		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	1	EA	\$300.0	\$150.0	\$450.0	\$450	
69		8" Dia Duct Up	35	LF	\$20.0	\$12.0	\$32.0	\$1,120	
70		4" Dia Duct Up	10	LF	\$16.0	\$10.0	\$26.0	\$260	
71		6" Dia Duct Up	5	LF	\$18.0	\$10.0	\$28.0	\$140	
72		22x22 Duct Up	5	LF	\$34.0	\$14.0	\$48.0	\$240	
73		6" Dia Duct	2	LF	\$18.0	\$10.0	\$28.0	\$58	
74		4" Dia Duct	3	LF	\$16.0	\$10.0	\$26.0	\$70	
		Building 1 Unit D Second Floor							
75		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
76		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	2	EA	\$300.0	\$150.0	\$450.0	\$900	
77		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
78		18x6 Duct Up	10	LF	\$30.0	\$14.0	\$44.0	\$440	
79		Fire Damper	2	EA	\$150.0	\$100.0	\$250.0	\$500	
80		Supply Ductwork	2	EA	\$300.0	\$150.0	\$450.0	\$900	
81		18x6 Duct	42	LF	\$30.0	\$14.0	\$44.0	\$1,845	
82		6" Dia Duct	7	LF	\$18.0	\$10.0	\$28.0	\$194	
83		4" Dia Duct	51	LF	\$16.0	\$10.0	\$26.0	\$1,320	
		M-103 Mechanical Third Floor Plan Building 1							
		Building 1 Third Floor Plan							

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
84		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	2	EA	\$3,000.0	\$500.0	\$3,500.0	\$7,000	
85		Cooling Coils (CC-2) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
86		Furnaces (FR-2) Manufacturer: Trane Model: S9V2B040U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
87		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	2	EA	\$1,000.0	\$500.0	\$1,500.0	\$3,000	
Building 1 Unit D Third Floor									
88		Damper (CRD)	10	EA	\$150.0	\$100.0	\$250.0	\$2,500	
89		Fire Damper	4	EA	\$150.0	\$100.0	\$250.0	\$1,000	
90		Supply Air Diffusers (CD-1) Manufacturer: Titus Model: TMS-FR	10	EA	\$300.0	\$150.0	\$450.0	\$4,500	
91		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
92		Supply Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
93		Return Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
94		Provide Dryer box Model No: DB-350	2	EA	\$400.0	\$150.0	\$550.0	\$1,100	
95		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	2	EA	\$300.0	\$150.0	\$450.0	\$900	
96		32x10 Return Grills (RG-2) Manufacturer: Titus Model: 350RL	2	EA	\$300.0	\$150.0	\$450.0	\$900	
97		Supply Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
98		8" Dia Duct Up	50	LF	\$20.0	\$12.0	\$32.0	\$1,600	
99		4" Dia Duct Up	30	LF	\$16.0	\$10.0	\$26.0	\$780	
100		12x10 Duct Up	10	LF	\$24.0	\$12.0	\$36.0	\$360	
101		4" Dia Duct	6	LF	\$16.0	\$10.0	\$26.0	\$153	
102		2" Dia Duct	16	LF	\$14.0	\$10.0	\$24.0	\$382	
103		30x8 Duct	4	LF	\$42.0	\$14.0	\$56.0	\$240	
104		22x8 Duct	23	LF	\$34.0	\$14.0	\$48.0	\$1,090	
105		18x6 Duct	11	LF	\$30.0	\$14.0	\$44.0	\$462	
Building 1 Unit C Attic Third Floor									
106		Fire Damper	9	EA	\$150.0	\$100.0	\$250.0	\$2,250	
107		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	1	EA	\$300.0	\$150.0	\$450.0	\$450	
108		2" Dia Flue & Combustion Air Up throughout Roof W/ Concentric Kit	1	EA	\$300.0	\$150.0	\$450.0	\$450	
109		6" Dia Duct	1	LF	\$18.0	\$10.0	\$28.0	\$36	
110		22x16 Duct	6	LF	\$34.0	\$14.0	\$48.0	\$306	
111		8" Dia Duct	95	LF	\$20.0	\$12.0	\$32.0	\$3,025	
112		10x10 Duct	11	LF	\$22.0	\$12.0	\$34.0	\$368	
113		14x14 Duct	5	LF	\$26.0	\$12.0	\$38.0	\$177	
Building 1 Unit D Attic									
114		Return Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
115		Fire Damper	16	EA	\$150.0	\$100.0	\$250.0	\$4,000	
116		8" Dia Duct	118	LF	\$20.0	\$12.0	\$32.0	\$3,776	
117		12x10 Duct	38	LF	\$24.0	\$12.0	\$36.0	\$1,368	
M201 Mechanical Ground Floor Plan Building 2									
Building 2 Ground Floor Plan									
118		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
119		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
120		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
121		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
122		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
123		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
124		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	

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125		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
126		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
127		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
128		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
129		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
130		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
131		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
132		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
133		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
Building 2 Unit D-Ground Floor									
134		Fire Damper	10	EA	\$150.0	\$100.0	\$250.0	\$2,500	
135		Supply Duct Work	10	EA	\$300.0	\$150.0	\$450.0	\$4,500	
136		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	2	EA	\$300.0	\$150.0	\$450.0	\$900	
137		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
138		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	2	EA	\$300.0	\$150.0	\$450.0	\$900	
139		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
140		Volume Damper	14	EA	\$150.0	\$100.0	\$250.0	\$3,500	
141		Return Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
142		Supply Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
143		12x3.25 Duct Up	50	LF	\$24.0	\$12.0	\$36.0	\$1,800	
144		2" Dia Duct	100	LF	\$14.0	\$10.0	\$24.0	\$2,397	
145		4" Dia Duct	33	LF	\$16.0	\$10.0	\$26.0	\$867	
146		20x6 Duct	35	LF	\$32.0	\$14.0	\$46.0	\$1,618	
147		22x8 Duct	13	LF	\$34.0	\$14.0	\$48.0	\$644	
148		20x10 Duct	6	LF	\$32.0	\$14.0	\$46.0	\$253	
149		18x6 Duct	24	LF	\$30.0	\$14.0	\$44.0	\$1,054	
150		12x3.25 Duct	25	LF	\$24.0	\$12.0	\$36.0	\$893	
151		10x6 Duct	20	LF	\$22.0	\$12.0	\$34.0	\$672	
Building 2 Unit E-Ground Floor									
152		Supply Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
153		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
154		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
155		Fire Damper	10	EA	\$150.0	\$100.0	\$250.0	\$2,500	
156		Supply Duct Work	8	EA	\$300.0	\$150.0	\$450.0	\$3,600	
157		Volume Damper	14	EA	\$150.0	\$100.0	\$250.0	\$3,500	
158		Return Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
159		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	2	EA	\$300.0	\$150.0	\$450.0	\$900	
160		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	2	EA	\$300.0	\$150.0	\$450.0	\$900	
161		12x3.25 Duct Up	40	LF	\$24.0	\$12.0	\$36.0	\$1,440	
162		10x6 Duct	21	LF	\$22.0	\$12.0	\$34.0	\$714	
163		18x6 Duct	23	LF	\$30.0	\$14.0	\$44.0	\$1,001	
164		12x3.25 Duct	25	LF	\$24.0	\$12.0	\$36.0	\$894	
165		22x8 Duct	12	LF	\$34.0	\$14.0	\$48.0	\$598	
166		20x10 Duct	6	LF	\$32.0	\$14.0	\$46.0	\$260	
167		20x6 Duct	36	LF	\$32.0	\$14.0	\$46.0	\$1,645	
168		4" Dia Duct	34	LF	\$16.0	\$10.0	\$26.0	\$878	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
169		2" Dia Duct	100	LF	\$14.0	\$10.0	\$24.0	\$2,400	
M201 Mechanical Second Floor Plan Building 2									
Building 2 Second Floor Plan									
170		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
171		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
172		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
173		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
174		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
175		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
176		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
177		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
178		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
179		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
180		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
181		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
182		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
183		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
184		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
185		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
Building 2 Unit D-Second Floor									
186		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	10	EA	\$300.0	\$150.0	\$450.0	\$4,500	
187		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	2	EA	\$300.0	\$150.0	\$450.0	\$900	
188		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
189		Fire Damper	10	EA	\$150.0	\$100.0	\$250.0	\$2,500	
190		Supply Duct Work	10	EA	\$300.0	\$150.0	\$450.0	\$4,500	
191		4" Dia Duct	9	LF	\$16.0	\$10.0	\$26.0	\$245	
192		6" Dia Duct	42	LF	\$18.0	\$10.0	\$28.0	\$1,183	
Building 2 Unit E-Second Floor									
193		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	10	EA	\$300.0	\$150.0	\$450.0	\$4,500	
194		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
195		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	2	EA	\$300.0	\$150.0	\$450.0	\$900	
196		Supply Duct Work	10	EA	\$300.0	\$150.0	\$450.0	\$4,500	
197		Fire Damper	10	EA	\$150.0	\$100.0	\$250.0	\$2,500	
198		6" Dia Duct	42	LF	\$18.0	\$10.0	\$28.0	\$1,187	
199		4" Dia Duct	37	LF	\$16.0	\$10.0	\$26.0	\$956	
M201 Mechanical Third Floor Plan Building 2									

PROJECT ID: Central Square Townhouses
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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
Building 2 Third Floor Plan									
200		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
201		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
202		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
203		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
204		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
205		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
206		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
207		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
208		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
209		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
210		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
211		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
212		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
213		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
214		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
215		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
Building 2 Unit D-Third Floor									
216		Supply Air Diffusers (CD-1) Manufacturer: Titus Model: TMS-FR	14	EA	\$300.0	\$150.0	\$450.0	\$6,300	
217		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	2	EA	\$300.0	\$150.0	\$450.0	\$900	
218		Provide Dryer box Model No: DB-350	2	EA	\$400.0	\$150.0	\$550.0	\$1,100	
219		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	2	EA	\$300.0	\$150.0	\$450.0	\$900	
220		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	2	EA	\$300.0	\$150.0	\$450.0	\$900	
221		Damper (CRD)	14	EA	\$150.0	\$100.0	\$250.0	\$3,500	
222		Fire Damper	2	EA	\$150.0	\$100.0	\$250.0	\$500	
223		8" Dia Duct Up	70	LF	\$20.0	\$12.0	\$32.0	\$2,240	
224		4" Dia Duct Up	20	LF	\$16.0	\$10.0	\$26.0	\$520	
225		4" Dia Duct	42	LF	\$16.0	\$10.0	\$26.0	\$1,095	
Building 2 Unit E-Third Floor									
226		Supply Air Diffusers (CD-1) Manufacturer: Titus Model: TMS-FR	14	EA	\$300.0	\$150.0	\$450.0	\$6,300	
227		Damper (CRD)	14	EA	\$150.0	\$100.0	\$250.0	\$3,500	
228		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	2	EA	\$300.0	\$150.0	\$450.0	\$900	
229		Provide Dryer box Model No: DB-350	2	EA	\$400.0	\$150.0	\$550.0	\$1,100	
230		Fire Damper	2	EA	\$150.0	\$100.0	\$250.0	\$500	

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 147-155 Central Road Old Tappan, New Jersey
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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
231		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	2	EA	\$300.0	\$150.0	\$450.0	\$900	
232		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
233		4" Dia Duct Up	20	LF	\$16.0	\$10.0	\$26.0	\$520	
234		8" Dia Duct Up	70	LF	\$20.0	\$12.0	\$32.0	\$2,240	
235		22x22 Duct Up	10	LF	\$34.0	\$14.0	\$48.0	\$480	
236		4" Dia Duct	41	LF	\$16.0	\$10.0	\$26.0	\$1,072	
M-202 Mechanical Attic Plan Building 2									
Building 2-Attic Plan									
237		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	4	EA	\$2,500.0	\$500.0	\$3,000.0	\$12,000	
238		Furnaces (FR-2) Manufacturer: Trane Model: S9V2B040U3PSBB	4	EA	\$3,000.0	\$500.0	\$3,500.0	\$14,000	
Building 2 Unit D-Attic									
239		2" Dia Flue & Combustion Air Up throughout Roof W/ Concentric Kit	2	EA	\$300.0	\$150.0	\$450.0	\$900	
240		Return Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
241		Fire Damper	20	EA	\$150.0	\$100.0	\$250.0	\$5,000	
242		8" Dia Duct	204	LF	\$20.0	\$12.0	\$32.0	\$6,536	
243		22x16 Duct	15	LF	\$34.0	\$14.0	\$48.0	\$728	
244		14x14 Duct	12	LF	\$26.0	\$12.0	\$38.0	\$448	
245		8x10 Duct	16	LF	\$20.0	\$12.0	\$32.0	\$512	
Building 2 Unit E-Attic									
246		Fire Damper	20	EA	\$150.0	\$100.0	\$250.0	\$5,000	
247		Return Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
248		8" Dia Duct	218	LF	\$20.0	\$12.0	\$32.0	\$6,961	
249		10x10 Duct	14	LF	\$22.0	\$12.0	\$34.0	\$476	
250		14x14 Duct	9	LF	\$26.0	\$12.0	\$38.0	\$331	
251		22x16 Duct	15	LF	\$34.0	\$14.0	\$48.0	\$721	
M-301 Mechanical Ground Floor & Attic Plans Building 3									
Building 3 Ground Floor Plan									
252		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
253		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
254		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
255		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
256		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
257		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
258		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
259		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
260		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
261		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
262		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
263		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
264		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
265		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
266		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
267		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
268		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
269		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
270		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
271		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
272		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
273		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
274		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
275		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
276		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
277		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
278		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
279		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
280		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
281		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
282		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
283		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
Building 3 Unit A-Ground Floor									
284		Fire Damper	10	EA	\$150.0	\$100.0	\$250.0	\$2,500	
285		Supply Duct Work	10	EA	\$300.0	\$150.0	\$450.0	\$4,500	
286		Volume Damper	14	EA	\$150.0	\$100.0	\$250.0	\$3,500	
287		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	2	EA	\$300.0	\$150.0	\$450.0	\$900	
288		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	2	EA	\$300.0	\$150.0	\$450.0	\$900	
289		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
290		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
291		Supply Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
292		Return Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
293		12x3.25 Duct Up	50	LF	\$24.0	\$12.0	\$36.0	\$1,800	
294		10x6 Duct	21	LF	\$22.0	\$12.0	\$34.0	\$697	
295		18x6 Duct	23	LF	\$30.0	\$14.0	\$44.0	\$1,020	
296		20x10 Duct	6	LF	\$32.0	\$14.0	\$46.0	\$257	
297		22x8 Duct	7	LF	\$34.0	\$14.0	\$48.0	\$342	
298		20x6 Duct	36	LF	\$32.0	\$14.0	\$46.0	\$1,645	
299		12x3.25 Duct	25	LF	\$24.0	\$12.0	\$36.0	\$897	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
300		2" Dia Duct	100	LF	\$14.0	\$10.0	\$24.0	\$2,390	
		Building 3 Unit B-Ground Floor							
301		Supply Duct Work	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
302		Fire Damper	15	EA	\$150.0	\$100.0	\$250.0	\$3,750	
303		Supply Duct Work	15	EA	\$300.0	\$150.0	\$450.0	\$6,750	
304		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
305		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
306		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
307		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
308		Return Duct Work	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
309		Volume Damper	21	EA	\$150.0	\$100.0	\$250.0	\$5,250	
310		12x3.25 Duct	38	LF	\$24.0	\$12.0	\$36.0	\$1,363	
311		18x6 Duct	34	LF	\$30.0	\$14.0	\$44.0	\$1,507	
312		10x6 Duct	31	LF	\$22.0	\$12.0	\$34.0	\$1,070	
313		22x8 Duct	11	LF	\$34.0	\$14.0	\$48.0	\$528	
314		20x10 Duct	8	LF	\$32.0	\$14.0	\$46.0	\$375	
315		20x6 Duct	54	LF	\$32.0	\$14.0	\$46.0	\$2,469	
316		4" Dia Duct	50	LF	\$16.0	\$10.0	\$26.0	\$1,302	
317		2" Dia Duct	150	LF	\$14.0	\$10.0	\$24.0	\$3,596	
		Building 3 Unit C-Ground Floor							
318		Supply Duct Work	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
319		Fire Damper	15	EA	\$150.0	\$100.0	\$250.0	\$3,750	
320		Supply Duct Work	15	EA	\$300.0	\$150.0	\$450.0	\$6,750	
321		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
322		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
323		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
324		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
325		Return Duct Work	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
326		Volume Damper	21	EA	\$150.0	\$100.0	\$250.0	\$5,250	
327		12x3.25 Duct	38	LF	\$24.0	\$12.0	\$36.0	\$1,363	
328		18x6 Duct	34	LF	\$30.0	\$14.0	\$44.0	\$1,507	
329		10x6 Duct	31	LF	\$22.0	\$12.0	\$34.0	\$1,070	
330		22x8 Duct	11	LF	\$34.0	\$14.0	\$48.0	\$528	
331		20x10 Duct	8	LF	\$32.0	\$14.0	\$46.0	\$375	
332		20x6 Duct	54	LF	\$32.0	\$14.0	\$46.0	\$2,469	
333		4" Dia Duct	50	LF	\$16.0	\$10.0	\$26.0	\$1,302	
334		2" Dia Duct	150	LF	\$14.0	\$10.0	\$24.0	\$3,596	
		Building 3 Attic Plan							
335		Furnaces (FR-2) Manufacturer: Trane Model: S9V2B040U3PSBB	8	EA	\$3,000.0	\$500.0	\$3,500.0	\$28,000	
336		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	8	EA	\$2,500.0	\$500.0	\$3,000.0	\$24,000	
		Building 3 Unit A-Attic							
337		Return Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
338		Fire Damper	20	EA	\$150.0	\$100.0	\$250.0	\$5,000	
339		14x14 Duct	13	LF	\$26.0	\$12.0	\$38.0	\$511	
340		8x10 Duct	16	LF	\$20.0	\$12.0	\$32.0	\$509	
341		8" Dia Duct	204	LF	\$20.0	\$12.0	\$32.0	\$6,536	
342		22x16 Duct	14	LF	\$34.0	\$14.0	\$48.0	\$665	
		Building 3 Unit B-Attic							
343		Fire Damper	30	EA	\$150.0	\$100.0	\$250.0	\$7,500	
344		Return Duct Work	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
345		22x16 Duct	22	LF	\$34.0	\$14.0	\$48.0	\$1,034	
346		14x14 Duct	14	LF	\$26.0	\$12.0	\$38.0	\$524	
347		10x10 Duct	21	LF	\$22.0	\$12.0	\$34.0	\$729	
348		8" Dia Duct	325	LF	\$20.0	\$12.0	\$32.0	\$10,386	
		Building 3 Unit C-Attic							
349		Fire Damper	30	EA	\$150.0	\$100.0	\$250.0	\$7,500	
350		Return Duct Work	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
351		22x16 Duct	22	LF	\$34.0	\$14.0	\$48.0	\$1,034	
352		14x14 Duct	14	LF	\$26.0	\$12.0	\$38.0	\$524	
353		10x10 Duct	21	LF	\$22.0	\$12.0	\$34.0	\$729	

PROJECT ID: Central Square Townhouses
 147-155 Central Road Old Tappan, New Jersey
 SCOPE: HVAC



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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
354		8" Dia Duct	325	LF	\$20.0	\$12.0	\$32.0	\$10,386	
M-301 Mechanical Second Floor Building 3									
Building 3 Ground Floor Plan									
355		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
356		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
357		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
358		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
359		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
360		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
361		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
362		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
363		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
364		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
365		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
366		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
367		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
368		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
369		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
370		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
371		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
372		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
373		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
374		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
375		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
376		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
377		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
378		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
379		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	

PROJECT ID: Central Square Townhouses
 147-155 Central Road Old Tappan, New Jersey
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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
380		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
381		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
382		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
383		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
384		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
385		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
386		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
Building 3 Unit A Second Floor									
387		Fire Damper	10	EA	\$150.0	\$100.0	\$250.0	\$2,500	
388		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
389		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	10	EA	\$300.0	\$150.0	\$450.0	\$4,500	
390		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	2	EA	\$300.0	\$150.0	\$450.0	\$900	
391		4" Dia Duct	9	LF	\$16.0	\$10.0	\$26.0	\$246	
392		6" Dia Duct	43	LF	\$18.0	\$10.0	\$28.0	\$1,192	
Building 3 Unit B-Second Floor									
393		Fire Damper	15	EA	\$150.0	\$100.0	\$250.0	\$3,750	
394		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	15	EA	\$300.0	\$150.0	\$450.0	\$6,750	
395		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
396		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
397		Supply Duct Work	15	EA	\$300.0	\$150.0	\$450.0	\$6,750	
398		4" Dia Duct	55	LF	\$16.0	\$10.0	\$26.0	\$1,434	
399		6" Dia Duct	64	LF	\$18.0	\$10.0	\$28.0	\$1,782	
Building 3 Unit C-Second Floor									
400		Fire Damper	15	EA	\$150.0	\$100.0	\$250.0	\$3,750	
401		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	15	EA	\$300.0	\$150.0	\$450.0	\$6,750	
402		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
403		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
404		Supply Duct Work	15	EA	\$300.0	\$150.0	\$450.0	\$6,750	
405		4" Dia Duct	55	LF	\$16.0	\$10.0	\$26.0	\$1,434	
406		6" Dia Duct	64	LF	\$18.0	\$10.0	\$28.0	\$1,782	
M-301 Mechanical Third Floor Building 3									
Building 3 Ground Floor Plan									
407		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
408		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
409		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
410		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
411		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
412		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
413		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
414		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
415		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
416		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
417		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
418		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
419		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
420		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
421		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
422		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
423		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
424		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
425		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
426		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
427		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
428		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
429		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
430		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
431		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
432		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
433		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
434		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
435		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
436		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
437		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
438		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
		Building 3 Unit A-Third Floor							
439		Supply Air Diffusers (CD-1) Manufacturer: Titus Model: TMS-FR	14	EA	\$300.0	\$150.0	\$450.0	\$6,300	
440		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	2	EA	\$300.0	\$150.0	\$450.0	\$900	
441		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	2	EA	\$300.0	\$150.0	\$450.0	\$900	
442		Provide Dryer box Model No: DB-350	2	EA	\$400.0	\$150.0	\$550.0	\$1,100	
443		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
444		Damper (CRD)	14	EA	\$150.0	\$100.0	\$250.0	\$3,500	
445		Fire Damper	2	EA	\$150.0	\$100.0	\$250.0	\$500	
446		4" Dia Duct Up	20	LF	\$16.0	\$10.0	\$26.0	\$520	
447		8" Dia Duct Up	70	LF	\$20.0	\$12.0	\$32.0	\$2,240	
448		4" Dia Duct	43	LF	\$16.0	\$10.0	\$26.0	\$1,110	
		Building 3 Unit B-Third Floor							
449		Damper (CRD)	21	EA	\$150.0	\$100.0	\$250.0	\$5,250	
450		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
451		Supply Air Diffusers (CD-1) Manufacturer: Titus Model: TMS-FR	21	EA	\$300.0	\$150.0	\$450.0	\$9,450	
452		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
453		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
454		Provide Dryer box Model No: DB-350	3	EA	\$400.0	\$150.0	\$550.0	\$1,650	
455		Fire Damper	3	EA	\$150.0	\$100.0	\$250.0	\$750	
456		8" Dia Duct Up	105	LF	\$20.0	\$12.0	\$32.0	\$3,360	
457		22x22 Duct Up	15	LF	\$34.0	\$14.0	\$48.0	\$720	
458		4" Dia Duct Up	30	LF	\$16.0	\$10.0	\$26.0	\$780	
459		4" Dia Duct	62	LF	\$16.0	\$10.0	\$26.0	\$1,616	
		Building 3 Unit C-Third Floor							
460		Damper (CRD)	21	EA	\$150.0	\$100.0	\$250.0	\$5,250	
461		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
462		Supply Air Diffusers (CD-1) Manufacturer: Titus Model: TMS-FR	21	EA	\$300.0	\$150.0	\$450.0	\$9,450	
463		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
464		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
465		Provide Dryer box Model No: DB-350	3	EA	\$400.0	\$150.0	\$550.0	\$1,650	
466		Fire Damper	3	EA	\$150.0	\$100.0	\$250.0	\$750	
467		8" Dia Duct Up	105	LF	\$20.0	\$12.0	\$32.0	\$3,360	
468		22x22 Duct Up	15	LF	\$34.0	\$14.0	\$48.0	\$720	
469		4" Dia Duct Up	30	LF	\$16.0	\$10.0	\$26.0	\$780	
470		4" Dia Duct	62	LF	\$16.0	\$10.0	\$26.0	\$1,616	
		M-301 Mechanical Ground Floor & Attic Plans Building 4							
		Building 4 Ground Floor Plan							
471		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
472		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
473		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
474		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
475		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
476		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
477		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
478		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
479		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
480		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
481		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
482		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
483		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
484		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
485		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
486		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
487		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
488		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
489		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
490		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
491		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
492		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
493		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
494		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
495		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
496		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
497		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
498		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
499		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
500		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
501		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	

PROJECT ID: Central Square Townhouses
 147-155 Central Road Old Tappan, New Jersey
 SCOPE: HVAC



COMPANY INFORMATION: USA CONSTRUCTION ESTIMATING
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 Date:

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
502		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
Building 4 Unit A-Ground Floor									
503		Fire Damper	10	EA	\$150.0	\$100.0	\$250.0	\$2,500	
504		Supply Duct Work	10	EA	\$300.0	\$150.0	\$450.0	\$4,500	
505		Volume Damper	14	EA	\$150.0	\$100.0	\$250.0	\$3,500	
506		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	2	EA	\$300.0	\$150.0	\$450.0	\$900	
507		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	2	EA	\$300.0	\$150.0	\$450.0	\$900	
508		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
509		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
510		Supply Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
511		Return Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
512		12x3.25 Duct Up	50	LF	\$24.0	\$12.0	\$36.0	\$1,800	
513		10x6 Duct	21	LF	\$22.0	\$12.0	\$34.0	\$697	
514		18x6 Duct	23	LF	\$30.0	\$14.0	\$44.0	\$1,020	
515		20x10 Duct	6	LF	\$32.0	\$14.0	\$46.0	\$257	
516		22x8 Duct	7	LF	\$34.0	\$14.0	\$48.0	\$342	
517		20x6 Duct	36	LF	\$32.0	\$14.0	\$46.0	\$1,645	
518		12x3.25 Duct	25	LF	\$24.0	\$12.0	\$36.0	\$897	
519		2" Dia Duct	100	LF	\$14.0	\$10.0	\$24.0	\$2,390	
Building 4 Unit B-Ground Floor									
520		Supply Duct Work	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
521		Fire Damper	15	EA	\$150.0	\$100.0	\$250.0	\$3,750	
522		Supply Duct Work	15	EA	\$300.0	\$150.0	\$450.0	\$6,750	
523		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
524		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
525		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
526		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
527		Return Duct Work	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
528		Volume Damper	21	EA	\$150.0	\$100.0	\$250.0	\$5,250	
529		12x3.25 Duct	38	LF	\$24.0	\$12.0	\$36.0	\$1,363	
530		18x6 Duct	34	LF	\$30.0	\$14.0	\$44.0	\$1,507	
531		10x6 Duct	31	LF	\$22.0	\$12.0	\$34.0	\$1,070	
532		22x8 Duct	11	LF	\$34.0	\$14.0	\$48.0	\$528	
533		20x10 Duct	8	LF	\$32.0	\$14.0	\$46.0	\$375	
534		20x6 Duct	54	LF	\$32.0	\$14.0	\$46.0	\$2,469	
535		4" Dia Duct	50	LF	\$16.0	\$10.0	\$26.0	\$1,302	
536		2" Dia Duct	150	LF	\$14.0	\$10.0	\$24.0	\$3,596	
Building 4 Unit C-Ground Floor									
537		Supply Duct Work	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
538		Fire Damper	15	EA	\$150.0	\$100.0	\$250.0	\$3,750	
539		Supply Duct Work	15	EA	\$300.0	\$150.0	\$450.0	\$6,750	
540		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
541		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
542		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
543		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
544		Return Duct Work	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
545		Volume Damper	21	EA	\$150.0	\$100.0	\$250.0	\$5,250	
546		12x3.25 Duct	38	LF	\$24.0	\$12.0	\$36.0	\$1,363	
547		18x6 Duct	34	LF	\$30.0	\$14.0	\$44.0	\$1,507	
548		10x6 Duct	31	LF	\$22.0	\$12.0	\$34.0	\$1,070	
549		22x8 Duct	11	LF	\$34.0	\$14.0	\$48.0	\$528	
550		20x10 Duct	8	LF	\$32.0	\$14.0	\$46.0	\$375	
551		20x6 Duct	54	LF	\$32.0	\$14.0	\$46.0	\$2,469	
552		4" Dia Duct	50	LF	\$16.0	\$10.0	\$26.0	\$1,302	
553		2" Dia Duct	150	LF	\$14.0	\$10.0	\$24.0	\$3,596	

PROJECT ID: Central Square Townhouses
 147-155 Central Road Old Tappan, New Jersey
 SCOPE: HVAC



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 Date:

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
Building 4 Attic Plan									
554		Furnaces (FR-2) Manufacturer: Trane Model: S9V2B040U3PSBB	8	EA	\$3,000.0	\$500.0	\$3,500.0	\$28,000	
555		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	8	EA	\$2,500.0	\$500.0	\$3,000.0	\$24,000	
Building 4 Unit A-Attic									
556		Return Duct Work	2	EA	\$300.0	\$150.0	\$450.0	\$900	
557		Fire Damper	20	EA	\$150.0	\$100.0	\$250.0	\$5,000	
558		14x14 Duct	13	LF	\$26.0	\$12.0	\$38.0	\$511	
559		8x10 Duct	16	LF	\$20.0	\$12.0	\$32.0	\$509	
560		8" Dia Duct	204	LF	\$20.0	\$12.0	\$32.0	\$6,536	
561		22x16 Duct	14	LF	\$34.0	\$14.0	\$48.0	\$665	
Building 4 Unit B-Attic									
562		Fire Damper	30	EA	\$150.0	\$100.0	\$250.0	\$7,500	
563		Return Duct Work	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
564		22x16 Duct	22	LF	\$34.0	\$14.0	\$48.0	\$1,034	
565		14x14 Duct	14	LF	\$26.0	\$12.0	\$38.0	\$524	
566		10x10 Duct	21	LF	\$22.0	\$12.0	\$34.0	\$729	
567		8" Dia Duct	325	LF	\$20.0	\$12.0	\$32.0	\$10,386	
Building 4 Unit C-Attic									
568		Fire Damper	30	EA	\$150.0	\$100.0	\$250.0	\$7,500	
569		Return Duct Work	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
570		22x16 Duct	22	LF	\$34.0	\$14.0	\$48.0	\$1,034	
571		14x14 Duct	14	LF	\$26.0	\$12.0	\$38.0	\$524	
572		10x10 Duct	21	LF	\$22.0	\$12.0	\$34.0	\$729	
573		8" Dia Duct	325	LF	\$20.0	\$12.0	\$32.0	\$10,386	
M-301 Mechanical Second Floor Building 4									
Building 4 Ground Floor Plan									
574		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
575		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
576		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
577		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
578		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
579		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
580		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
581		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
582		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
583		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
584		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
585		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
586		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
587		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
588		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
589		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	

PROJECT ID: Central Square Townhouses
 147-155 Central Road Old Tappan, New Jersey
 SCOPE: HVAC



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 Date:

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
590		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
591		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
592		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
593		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
594		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
595		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
596		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
597		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
598		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
599		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
600		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
601		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
602		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
603		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
604		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
605		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
Building 4 Unit A Second Floor									
606		Fire Damper	10	EA	\$150.0	\$100.0	\$250.0	\$2,500	
607		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
608		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	10	EA	\$300.0	\$150.0	\$450.0	\$4,500	
609		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	2	EA	\$300.0	\$150.0	\$450.0	\$900	
610		4" Dia Duct	9	LF	\$16.0	\$10.0	\$26.0	\$246	
611		6" Dia Duct	43	LF	\$18.0	\$10.0	\$28.0	\$1,192	
Building 4 Unit B-Second Floor									
612		Fire Damper	15	EA	\$150.0	\$100.0	\$250.0	\$3,750	
613		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	15	EA	\$300.0	\$150.0	\$450.0	\$6,750	
614		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
615		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
616		Supply Duct Work	15	EA	\$300.0	\$150.0	\$450.0	\$6,750	
617		4" Dia Duct	55	LF	\$16.0	\$10.0	\$26.0	\$1,434	
618		6" Dia Duct	64	LF	\$18.0	\$10.0	\$28.0	\$1,782	
Building 4 Unit C-Second Floor									
619		Fire Damper	15	EA	\$150.0	\$100.0	\$250.0	\$3,750	
620		12x8 Supply Register (SR-1) Manufacturer: Titus Model: 300RL	15	EA	\$300.0	\$150.0	\$450.0	\$6,750	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
621		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
622		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
623		Supply Duct Work	15	EA	\$300.0	\$150.0	\$450.0	\$6,750	
624		4" Dia Duct	55	LF	\$16.0	\$10.0	\$26.0	\$1,434	
625		6" Dia Duct	64	LF	\$18.0	\$10.0	\$28.0	\$1,782	
M-301 Mechanical Third Floor Building 4									
Building 4 Ground Floor Plan									
626		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
627		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
628		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
629		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
630		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
631		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
632		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
633		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
634		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
635		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
636		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
637		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
638		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
639		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
640		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
641		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
642		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
643		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
644		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
645		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
646		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
647		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	

PROJECT ID: Central Square Townhouses
 147-155 Central Road Old Tappan, New Jersey
 SCOPE: HVAC



COMPANY INFORMATION: USA CONSTRUCTION ESTIMATING
 CONTACT: +1 760 814 9551
 E-MAIL ADDRESS: info@usaconstructionestimating.com
 PHONE NUMBER:
 Date:

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
648		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
649		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
650		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
651		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
652		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
653		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
654		Condensing Unit (CU-3) Manufacturer: Trane Model: 4TTR3018H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
655		Condensing Unit (CU-2) Manufacturer: Trane Model: 4TTR3024H1000N	1	EA	\$2,500.0	\$500.0	\$3,000.0	\$3,000	
656		Cooling Coils (CC-3) Manufacturer: Trane Model: 4TXCB	1	EA	\$1,000.0	\$500.0	\$1,500.0	\$1,500	
657		Furnaces (FR-3) Manufacturer: Trane Model: S9V2B060U3PSBB	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500	
Building 4 Unit A-Third Floor									
658		Supply Air Diffusers (CD-1) Manufacturer: Titus Model: TMS-FR	14	EA	\$300.0	\$150.0	\$450.0	\$6,300	
659		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	2	EA	\$300.0	\$150.0	\$450.0	\$900	
660		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	2	EA	\$300.0	\$150.0	\$450.0	\$900	
661		Provide Dryer box Model No: DB-350	2	EA	\$400.0	\$150.0	\$550.0	\$1,100	
662		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	4	EA	\$300.0	\$150.0	\$450.0	\$1,800	
663		Damper (CRD)	14	EA	\$150.0	\$100.0	\$250.0	\$3,500	
664		Fire Damper	2	EA	\$150.0	\$100.0	\$250.0	\$500	
665		4" Dia Duct Up	20	LF	\$16.0	\$10.0	\$26.0	\$520	
666		8" Dia Duct Up	70	LF	\$20.0	\$12.0	\$32.0	\$2,240	
667		4" Dia Duct	43	LF	\$16.0	\$10.0	\$26.0	\$1,110	
Building 4 Unit B-Third Floor									
668		Damper (CRD)	21	EA	\$150.0	\$100.0	\$250.0	\$5,250	
669		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
670		Supply Air Diffusers (CD-1) Manufacturer: Titus Model: TMS-FR	21	EA	\$300.0	\$150.0	\$450.0	\$9,450	
671		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
672		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
673		Provide Dryer box Model No: DB-350	3	EA	\$400.0	\$150.0	\$550.0	\$1,650	
674		Fire Damper	3	EA	\$150.0	\$100.0	\$250.0	\$750	
675		8" Dia Duct Up	105	LF	\$20.0	\$12.0	\$32.0	\$3,360	
676		22x22 Duct Up	15	LF	\$34.0	\$14.0	\$48.0	\$720	
677		4" Dia Duct Up	30	LF	\$16.0	\$10.0	\$26.0	\$780	
678		4" Dia Duct	62	LF	\$16.0	\$10.0	\$26.0	\$1,616	
Building 4 Unit C-Third Floor									
679		Damper (CRD)	21	EA	\$150.0	\$100.0	\$250.0	\$5,250	
680		Exhaust & Supply Fans (TX) Manufacturer: Panasonic Model: Whisper Green FV-05-11-VK2	6	EA	\$300.0	\$150.0	\$450.0	\$2,700	
681		Supply Air Diffusers (CD-1) Manufacturer: Titus Model: TMS-FR	21	EA	\$300.0	\$150.0	\$450.0	\$9,450	
682		24x24 Return Grills (RG-3) Manufacturer: Titus Model: 350RL	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
683		Provide Exhaust Wall Termination (X-Vent-Box by Xworks Seb-4- or Seb-6-)	3	EA	\$300.0	\$150.0	\$450.0	\$1,350	
684		Provide Dryer box Model No: DB-350	3	EA	\$400.0	\$150.0	\$550.0	\$1,650	
685		Fire Damper	3	EA	\$150.0	\$100.0	\$250.0	\$750	
686		8" Dia Duct Up	105	LF	\$20.0	\$12.0	\$32.0	\$3,360	
687		22x22 Duct Up	15	LF	\$34.0	\$14.0	\$48.0	\$720	
688		4" Dia Duct Up	30	LF	\$16.0	\$10.0	\$26.0	\$780	
689		4" Dia Duct	62	LF	\$16.0	\$10.0	\$26.0	\$1,616	
		Subtotal (Heating, Ventilating & Air-Conditioning)							\$1,704,730

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
SUBTOTAL									\$1,704,730.16
OVERHEAD			15%						\$255,709.52
INSURANCE			3%						\$51,141.90
CONTINGENCY			5%						\$85,236.51
TOTAL BASE BID									\$2,096,818.10

Note: