



NEW MIXED USE STRUCTURE

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2621-67 Frankford Avenue Philadelphia, PA 19125

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	UNIT COST LAB.+MAT.	TOTAL COST: LAB. + MAT.
GENERAL REQUIREMENTS								
1				General Requirements	1	LS		
				Subtotal				
WALLS								
BASEMENT @ 11'-10" H								
Furring Wall Type "P2" As: (1000 LF)								
2				(3-5/8") Top & Bottom Track	2000	LF		
3				(3-5/8") Metal furring Studs @ 16"O.C (751 EA, 8885 LF)	11830	SF		
4				(5/8") Gypsum Wall Board	11830	SF		
5				R-13 Fiberglass Batt Insulation	11830	SF		
6				Sealant	2000	LF		
Furring Wall Type "P4" As: (393 LF)								
7				(6") Top & Bottom Track	786	LF		
8				(6") Metal furring Studs @ 16"O.C (295 EA, 3490 LF)	4650	SF		
9				(5/8") Gypsum Wall Board	4650	SF		
10				R-21 Fiberglass Batt Insulation	4650	SF		
11				Sealant	786	LF		
Furring Wall Type "P6" As: (85 LF)								
12				(3-5/8") Top & Bottom Track	170	LF		
13				(3-5/8") Metal furring Studs @ 16"O.C (64 EA, 758 LF)	1006	SF		
14				(5/8") Gypsum Wall Board	1006	SF		
15				R-13 Fiberglass Batt Insulation	1006	SF		
16				Sealant	170	LF		
Exterior Wall Type "P8" As: (407 LF)								
17				(6") Top & Bottom Track	814	LF		
18				(6") Metal Studs @ 16"O.C (306 EA, 3620 LF)	4815	SF		
19				(1/2") Gypsum Wall Board	4815	SF		
20				(1/2") APA Rated FRT Sheathing	4815	SF		
21				R-21 Fiberglass Batt Insulation	4815	SF		
22				Sealant	1628	LF		
Furring Wall Type "P12" As: (34 LF)								
23				(5-1/2") Top & Bottom Track	68	LF		
24				(5-1/2") Metal furring Studs @ 16"O.C (26 EA, 308 LF)	403	SF		
25	A1.10 - 1.10C	A0.02a - A0.02c		(1/2") APA Rated FRT Sheathing	403	SF		
26				R-21 Fiberglass Batt Insulation	403	SF		
27				Sealant	68	LF		
1-HR Interior Wall Type "P19" As: (129 LF)								
28				(6") Top & Bottom Track	258	LF		
29				(6") Metal Studs @ 16"O.C (97 EA, 1148 LF)	1527	SF		
30				(5/8") Type X Gypsum Wall Board	3053	SF		
31				(5/8") Sound Block Gypsum Wall Board	1527	SF		
32				(1/2") Resilient Channel @ 24"O.C (65 EA, 769 LF)	1527	SF		
33				(3-1/2") Sound Attenuation Fiberglass Batt Insulation	1527	SF		
34				Sealant	516	LF		
2-HR Interior Wall Type "P21" As: (240 LF)								
35				(6") Top & Bottom Track	480	LF		
36				(6") Metal Studs @ 16"O.C (181 EA, 2142 LF)	2840	SF		
37				(5/8") Type X Gypsum Wall Board	11357	SF		
38				(RC-1") Resilient Channel @ 16"O.C (181 EA, 2142 LF)	2840	SF		
39				(3-1/2") R-11 Sound Attenuation Fiberglass Batt Insulation	2840	SF		
40				Sealant	1920	LF		
1-HR Interior Wall Type "P22" As: (410 LF)								
41				(6") Top & Bottom Track	1640	LF		
42				(6") Metal Studs @ 16"O.C (616 EA, 7288 LF)	4851	SF		
43				(5/8") Type X Gypsum Wall Board	14551	SF		
44				(3-1/2") R-11 Fiberglass Batt Insulation	9701	SF		

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45				Sealant	2460	LF		
				1-HR Interior Wall Type"P42"As: (57 LF)				
46				(6") Top & Bottom Track	228	LF		
47				(6") Metal Studs @ 16"O.C (86 EA, 1018 LF)	675	SF		
48				(5/8") Type X Gypsum Wall Board	2698	SF		
49				(3-1/2") R-11 Fiberglass Batt Insulation	1349	SF		
50				Sealant	456	LF		
				FIRST FLOOR @ 15'-10" H				
				Furring Wall Type"P4"As: (165 LF)				
51				(6") Top & Bottom Track	330	LF		
52				(6") Metal furring Studs @ 16"O.C (124 EA, 1963 LF)	2612	SF		
53				(5/8") Gypsum Wall Board	2612	SF		
54				R-21 Fiberglass Batt Insulation	2612	SF		
55				Sealant	330	LF		
				Exterior Wall Type"P7"As: (985 LF)				
56				(6") Top & Bottom Track	1970	LF		
57				(6") Metal Studs @ 16"O.C (739 EA, 11699 LF)	15593	SF		
58				(1/2") Gypsum Wall Board	15593	SF		
59				(1/2") APA Rated FRT Sheathing	15593	SF		
60				R-21 Fiberglass Batt Insulation	15593	SF		
61				Sealant	3940	LF		
				Exterior Wall Type"P8"As: (1480 LF)				
62				(6") Top & Bottom Track	2960	LF		
63				(6") Metal Studs @ 16"O.C (1111 EA, 17588 LF)	23429	SF		
64				(1/2") Gypsum Wall Board	23429	SF		
65				(1/2") APA Rated FRT Sheathing	23429	SF		
66				R-21 Fiberglass Batt Insulation	23429	SF		
67				Sealant	5920	LF		
				1-HR Exterior Wall Type"P9"As: (105 LF)				
68				(6") Top & Bottom Track	210	LF		
69				(6") Metal Studs @ 16"O.C (79 EA, 1251 LF)	1663	SF		
70				(5/8") Type X Gypsum Wall Board	1663	SF		
71				(1/2") LP 1-sided Flame block Sheathing	1663	SF		
72				R-21 Fiberglass Batt Insulation	1663	SF		
73				Sealant	420	LF		
				1-HR Exterior Wall Type"P10"As: (30 LF)				
74				(6") Top & Bottom Track	60	LF		
75				(6") Metal Studs @ 16"O.C (23 EA, 365 LF)	475	SF		
76				(5/8") Type X Gypsum Wall Board	475	SF		
77				(1/2") LP 1-sided Flame block Sheathing	475	SF		
78				R-21 Fiberglass Batt Insulation	475	SF		
79				Sealant	120	LF		
				Furring Wall Type"P12"As: (20 LF)				
80				(5-1/2") Top & Bottom Track	40	LF		
81				(5-1/2") Metal furring Studs @ 16"O.C (16 EA, 254 LF)	317	SF		
82				(1/2") APA Rated FRT Sheathing	317	SF		
83				R-21 Fiberglass Batt Insulation	317	SF		
84				Sealant	40	LF		
				1-HR Interior Wall Type"P13"As: (8 LF)				
85				(3-5/8") Top & Bottom Track	16	LF		
86				(3-5/8") Metal Studs @ 16"O.C (7 EA, 111 LF)	127	SF		
87				(5/8") Type X Gypsum Wall Board	254	SF		
88				(3-1/2") R-11 Sound Attenuation Fiberglass Batt Insulation	127	SF		
89				Sealant	64	LF		
				1-HR Interior Wall Type"P14"As: (77 LF)				
90				(3-5/8") Top & Bottom Track	154	LF		
91				(3-5/8") Metal Studs @ 16"O.C (58 EA, 919 LF)	1219	SF		
92				(5/8") Type X Gypsum Wall Board	3657	SF		
93				(1/2") Resilient Channel @ 24"O.C (39 EA, 618 LF)	1219	SF		
94				(3-1/2") R-11 Sound Attenuation Fiberglass Batt Insulation	1219	SF		
95				Sealant	462	LF		
				2-HR Interior Wall Type"P16"As: (138 LF)				
96				(3-5/8") Top & Bottom Track	276	LF		
97				(3-5/8") Metal Studs @ 16"O.C (104 EA, 1647 LF)	2185	SF		

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98	A1.11 - 1.11C	A0.02a - A0.02c		(5/8") Type X Gypsum Wall Board	8739	SF			
99			(RC-1") Resilient Channel @ 24"O.C (69 EA, 1093 LF)	2185	SF				
100			(3-1/2") R-11 Sound Attenuation Fiberglass Batt Insulation	2185	SF				
101			Sealant	1104	LF				
						1-HR Interior Wall Type"P18" As: (34 LF)			
102			(6") Top & Bottom Track	68	LF				
103			(6") Metal Studs @ 16"O.C (26 EA, 412 LF)	539	SF				
104			(5/8") Type X Gypsum Wall Board	1077	SF				
105			(5/8") Sound Block Gypsum Wall Board	539	SF				
106			(3-1/2") R-11 Sound Attenuation Fiberglass Batt Insulation	539	SF				
107			Sealant	136	LF				
						1-HR Interior Wall Type"P19" As: (747 LF)			
108			(6") Top & Bottom Track	1494	LF				
109			(6") Metal Studs @ 16"O.C (561 EA, 8881 LF)	11826	SF				
110			(5/8") Type X Gypsum Wall Board	23651	SF				
111			(5/8") Sound Block Gypsum Wall Board	11826	SF				
112			(1/2") Resilient Channel @ 24"O.C (374 EA, 5921 LF)	11826	SF				
113			(3-1/2") Sound Attenuation Fiberglass Batt Insulation	11826	SF				
114			Sealant	2988	LF				
						2-HR Interior Wall Type"P21" As: (450 LF)			
115			(6") Top & Bottom Track	900	LF				
116			(6") Metal Studs @ 16"O.C (338 EA, 5351 LF)	7124	SF				
117			(5/8") Type X Gypsum Wall Board	28494	SF				
118			(RC-1") Resilient Channel @ 16"O.C (338 EA, 5351 LF)	7124	SF				
119			(3-1/2") R-11 Sound Attenuation Fiberglass Batt Insulation	7124	SF				
120			Sealant	3600	LF				
						1-HR Interior Wall Type"P22" As: (960 LF)			
121			(6") Top & Bottom Track	3840	LF				
122			(6") Metal Studs @ 16"O.C (1441 EA, 22812 LF)	15197	SF				
123			(5/8") Type X Gypsum Wall Board	45591	SF				
124			(3-1/2") R-11 Fiberglass Batt Insulation	30394	SF				
125	Sealant	5760	LF						
				2-HR Interior Shaft Wall Type"P23" As: (33 LF)					
126	L Bracket Top & Bottom Track	132	LF						
127	(2-1/2") Metal C-H Studs @ 16"O.C (25 EA, 396 LF)	523	SF						
128	(1/2") Gypsum Wall Board	1045	SF						
129	Mineral Wool Batt Insulation	1045	SF						
130	Sealant	198	LF						
				1-HR Interior Wall Type"P42" As: (25 LF)					
131	(6") Top & Bottom Track	100	LF						
132	(6") Metal Studs @ 16"O.C (38 EA, 602 LF)	396	SF						
133	(5/8") Type X Gypsum Wall Board	1583	SF						
134	(3-1/2") R-11 Fiberglass Batt Insulation	792	SF						
135	Sealant	200	LF						
				Wood Stud Partition Wall (1090 LF)					
136	(2x4) WD Top & Bottom Plate	4360	LF						
137	(2x4) FRT WD Studs @ 16"O.C (818 EA, 12949 LF)	17255	SF						
138	(1/2) Gypsum Wall Board	34510	SF						
139	Sound Attenuation Batt Insulation (Optional)	34510	SF						
140	Sealant	4360	LF						
				1-HR Interior Wall Type"P31" As: (750 LF)					
141	(2x4) WD Top & Bottom Plate	2250	LF						
142	(2x4) FRT WD Studs @ 16"O.C (563 EA, 8913 LF)	11873	SF						
143	(5/8") Type C Gypsum Wall Board	11873	SF						
144	(5/8") Type X Sound Block Gypsum Wall Board	11873	SF						
145	(1/2") Resilient Channel @ 24"O.C (375 EA, 5937 LF)	11873	SF						
146	(5-1/2") Sound Attenuation Fiberglass Batt Insulation	11873	SF						
147	Sealant	3000	LF						
				Interior Wall Type"P32" As: (9 LF)					
148	(2x6) WD Top & Bottom Plate	18	LF						
149	(2x6) FRT WD Studs @ 16"O.C (7 EA, 111 LF)	143	SF						
150	(5/8") Type X Gypsum Wall Board	285	SF						
151	Sound Attenuation Batt Insulation (Optional)	143	SF						

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152				Sealant	36	LF		
				1-HR Interior Wall Type"P33"As: (407 LF)				
153				(2x6) WD Top & Bottom Plate	1221	LF		
154				(2x6") WD Studs @ 16"O.C (306 EA, 4844 LF)	6443	SF		
155				(5/8") Type X Gypsum Wall Board	12886	SF		
156				Sealant	1628	LF		
				1-HR Interior Wall Type"P34"As: (750 LF)				
157				(2x6) WD Top & Bottom Plate	2250	LF		
158				(2x6) FRT WD Studs @ 16"O.C (563 EA, 8913 LF)	11873	SF		
159				(5/8") Type C Gypsum Wall Board	11873	SF		
160				(5/8") Type X Sound Block Gypsum Wall Board	11873	SF		
161				(1/2") Resilient Channel @ 24"O.C (375 EA, 5937 LF)	11873	SF		
162				(5-1/2") Sound Attenuation Fiberglass Batt Insulation	11873	SF		
163				Sealant	3000	LF		
				SECOND FLOOR @ 9'-2" H				
				2-HR Interior Shaft Wall Type"P23"As: (245 LF)				
164				L Bracket Top & Bottom Track	980	LF		
165				(2-1/2") Metal C-H Studs @ 16"O.C (184 EA, 1687 LF)	2246	SF		
166				(1/2") Gypsum Wall Board	4492	SF		
167				Mineral Wool Batt Insulation	4492	SF		
168				Sealant	1470	LF		
				2-HR Exterior Wall Type"P26"As: (1000 LF)				
169				(2x6) FRT WD Top & Bottom Plate	3000	LF		
170				(2x6) FRT WD Studs @ 16"O.C (751 EA, 6885 LF)	9167	SF		
171				(5/8") Type X Gypsum Wall Board	18334	SF		
172				(1/2") APA Rated FRT Sheathing	9167	SF		
173				R-21 Fiberglass Batt Insulation	9167	SF		
174				Sealant	4000	LF		
				2-HR Exterior Wall Type"P27"As: (1010 LF)				
175				(2x6) FRT WD Top & Bottom Plate	3030	LF		
176				(2x6) FRT WD Studs @ 16"O.C (758 EA, 6949 LF)	9259	SF		
177				(5/8") Type X Gypsum Wall Board	18518	SF		
178				(1/2") APA Rated FRT Sheathing	9259	SF		
179				R-21 Fiberglass Batt Insulation	9259	SF		
180				Sealant	4040	LF		
				2-HR Exterior Wall Type"P28"As: (105 LF)				
181				(2x6) FRT WD Top & Bottom Plate	315	LF		
182				(2x6) FRT WD Studs @ 16"O.C (79 EA, 725 LF)	963	SF		
183				(5/8") Type X Gypsum Wall Board	1926	SF		
184				(1/2") APA Rated FRT Sheathing	963	SF		
185				R-21 Fiberglass Batt Insulation	963	SF		
186				Sealant	420	LF		
				2-HR Exterior Wall Type"P29"As: (40 LF)				
187				(2x6) FRT WD Top & Bottom Plate	120	LF		
188				(2x6) FRT WD Studs @ 16"O.C (31 EA, 285 LF)	367	SF		
189				(5/8") Type X Gypsum Wall Board	734	SF		
190				(1/2") APA Rated FRT Sheathing	367	SF		
191				R-21 Fiberglass Batt Insulation	367	SF		
192				Sealant	160	LF		
				1-HR Interior Wall Type"P31"As: (1990 LF)				
193				(2x4) WD Top & Bottom Plate	5970	LF		
194				(2x4) FRT WD Studs @ 16"O.C (1493 EA, 13687 LF)	18243	SF		
195				(5/8") Type C Gypsum Wall Board	18243	SF		
196				(5/8") Type X Sound Block Gypsum Wall Board	18243	SF		
197				(1/2") Resilient Channel @ 24"O.C (995 EA, 9122 LF)	18243	SF		
198				(5-1/2") Sound Attenuation Fiberglass Batt Insulation	18243	SF		
199				Sealant	7960	LF		
				Interior Wall Type"P32"As: (26 LF)				
200				(2x6) WD Top & Bottom Plate	52	LF		
201				(2x6) FRT WD Studs @ 16"O.C (20 EA, 184 LF)	239	SF		
202				(5/8") Type X Gypsum Wall Board	477	SF		
203				Sound Attenuation Batt Insulation (Optional)	239	SF		
204				Sealant	104	LF		
				1-HR Interior Wall Type"P33"As: (1465 LF)				
205				(2x6) WD Top & Bottom Plate	4395	LF		
206				(2x6") WD Studs @ 16"O.C (1100 EA, 10084 LF)	13430	SF		

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207	A1.12 - 1.12c	A0.02a - A0.02c		(5/8") Type X Gypsum Wall Board	26765	SF		
208			(15/32") APA Rated Wood Structural Sheathing	95	SF			
209			Sealant	5860	LF			
			1-HR Interior Wall Type"P34" As: (2415 LF)					
210			(2x6) WD Top & Bottom Plate	7245	LF			
211			(2x6) FRT WD Studs @ 16"O.C (1812 EA, 16611 LF)	22139	SF			
212			(5/8") Type C Gypsum Wall Board	21721	SF			
213			(5/8") Type X Sound Block Gypsum Wall Board	21721	SF			
214			(15/32") APA Rated Wood Structural Sheathing	835	SF			
215			(1/2") Resilient Channel @ 24"O.C (1208 EA, 11074 LF)	22139	SF			
216			(5-1/2") Sound Attenuation Fiberglass Batt Insulation	22139	SF			
217			Sealant	9660	LF			
			1-HR Interior Wall Type"P35" As: (2150 LF)					
218			(2x6) WD Top & Bottom Plate	12900	LF			
219			(2x6) WD Studs @ 16"O.C (3226 EA, 29573 LF)	19710	SF			
220			(5/8") Type C/ X Gypsum Wall Board	19710	SF			
221			(5/8") Type X Gypsum Wall Board	19710	SF			
222			(5/8") Type X Sound Block Gypsum Wall Board	19710	SF			
223			15/32" APA Rated wood structural panel sheathing	19710	SF			
224			(3-1/2") Fiberglass Batt Insulation	39419	SF			
225			Fire blocking	2150	LF			
226			Sealant	12900	LF			
			2-HR Interior Wall Type"P36" As: (107 LF)					
227			(2x4) WD Top & Bottom Plate	321	LF			
228			(2x) WD Studs @ 16"O.C (81 EA, 743 LF)	981	SF			
229			(5/8") Type X Gypsum Wall Board	3750	SF			
230			(15/32") APA Rated Wood Structural Sheathing	175	SF			
231			(25 GA) Resilient Channel @ 24"O.C (54 EA, 496 LF)	981	SF			
232			(2") Sound Attenuation Fiberglass Batt Insulation	981	SF			
233			Sealant	856	LF			
			2-HR Shaft Wall Type"P37" As: (49 LF)					
234			(2x6) WD Top & Bottom Plate	147	LF			
235			(2x6") WD Studs @ 16"O.C (37 EA, 340 LF)	450	SF			
236			(2") USG H-Studs @ 16"O.C (37 EA, 340 LF)	450	SF			
237			(1") Gypsum Wall Board Liner Panels	899	SF			
238			(5/8") Type X Gypsum Wall Board	450	SF			
239			Sealant	196	LF			
			2-HR Shaft Wall Type"P38" As: (586 LF)					
240			(2x4) WD Top & Bottom Plate	1758	LF			
241			(2x4") WD Studs @ 16"O.C (440 EA, 4034 LF)	5372	SF			
242			(2") USG H-Studs @ 24"O.C (293 EA, 2686 LF)	5372	SF			
243			(1") Gypsum Wall Board Liner Panels	10744	SF			
244			(5/8") Type X Gypsum Wall Board	5372	SF			
245			Sealant	2344	LF			
			2-HR Interior Wall Type"P39" As: (77 LF)					
246			(2x6) WD Top & Bottom Plate	462	LF			
247	(2x6) WD Studs @ 16"O.C (116 EA, 1064 LF)	706	SF					
248	(2") USG H-Studs @ 24"O.C (39 EA, 358 LF)	706	SF					
249	(1") Gypsum Wall Board Liner Panels	1412	SF					
250	(5/8") Type X Gypsum Wall Board	1412	SF					
251	R-21 Fiberglass Batt Insulation	1412	SF					
252	Fire blocking	154	LF					
253	Sealant	616	LF					
	2-HR Furring Wall Type"P40" As: (181 LF)							
254	(2x4) WD Top & Bottom Plate	362	LF					
255	(2x4) WD Studs @ 16"O.C (136 EA, 1247 LF)	1555	SF					
256	(5/8") Gypsum Wall Board	1660	SF					
257	(15/32") APA Rated Wood Structural Sheathing	105	SF					
258	(3-1/2") Sound Attenuation Fiberglass Batt Insulation	1660	SF					
259	Fire blocking	181	LF					
260	Sealant	362	LF					
	2-HR Interior Wall Type"P41" As: (128 LF)							
261	(2x6) WD Top & Bottom Plate	512	LF					
262	(2x6) WD Studs @ 16"O.C (193 EA, 1770 LF)	1174	SF					
263	(5/8") Type X Fire Core Gypsum Wall Board	4694	SF					
264	15/32" APA Rated wood structural panel sheathing	1174	SF					

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265				Batt Insulation	2347	SF		
266				Fire blocking	128	LF		
267				Sealant	1024	LF		
				2-HR Furring Wall Type"P45" As: (20 LF)				
268				(2x6) FRT WD Top & Bottom Plate	60	LF		
269				(2x6) FRT WD Studs @ 16"O.C (16 EA, 147 LF)	184	SF		
270				(1/2") APA Rated FRT Sheathing	184	SF		
271				R-21 Fiberglass Batt Insulation	184	SF		
272				Fire blocking	20	LF		
273				Sealant	40	LF		
				Wood Stud Partition Wall (1675 LF)				
274				(2x4) WD Top & Bottom Plate	6700	LF		
275				(2x4) FRT WD Studs @ 16"O.C (1257 EA, 11523 LF)	15355	SF		
276				(1/2) Gypsum Wall Board	30710	SF		
277				Sound Attenuation Batt Insulation (Optional)	30710	SF		
278				Sealant	6700	LF		
				THIRD FLOOR @ 9'-2" H				
				2-HR Interior Shaft Wall Type"P23" As: (245 LF)				
279				L Bracket Top & Bottom Track	980	LF		
280				(2-1/2") Metal C-H Studs @ 16"O.C (184 EA, 1687 LF)	2246	SF		
281				(1/2") Gypsum Wall Board	4492	SF		
282				Mineral Wool Batt Insulation	4492	SF		
283				Sealant	1470	LF		
				2-HR Exterior Wall Type"P26" As: (1000 LF)				
284				(2x6) FRT WD Top & Bottom Plate	3000	LF		
285				(2x6) FRT WD Studs @ 16"O.C (751 EA, 6885 LF)	9167	SF		
286				(5/8") Type X Gypsum Wall Board	18334	SF		
287				(1/2") APA Rated FRT Sheathing	9167	SF		
288				R-21 Fiberglass Batt Insulation	9167	SF		
289				Sealant	4000	LF		
				2-HR Exterior Wall Type"P27" As: (1010 LF)				
290				(2x6) FRT WD Top & Bottom Plate	3030	LF		
291				(2x6) FRT WD Studs @ 16"O.C (758 EA, 6949 LF)	9259	SF		
292				(5/8") Type X Gypsum Wall Board	18518	SF		
293				(1/2") APA Rated FRT Sheathing	9259	SF		
294				R-21 Fiberglass Batt Insulation	9259	SF		
295				Sealant	4040	LF		
				2-HR Exterior Wall Type"P28" As: (105 LF)				
296				(2x6) FRT WD Top & Bottom Plate	315	LF		
297				(2x6) FRT WD Studs @ 16"O.C (79 EA, 725 LF)	963	SF		
298				(5/8") Type X Gypsum Wall Board	1926	SF		
299				(1/2") APA Rated FRT Sheathing	963	SF		
300				R-21 Fiberglass Batt Insulation	963	SF		
301				Sealant	420	LF		
				2-HR Exterior Wall Type"P29" As: (40 LF)				
302				(2x6) FRT WD Top & Bottom Plate	120	LF		
303				(2x6) FRT WD Studs @ 16"O.C (31 EA, 285 LF)	367	SF		
304				(5/8") Type X Gypsum Wall Board	734	SF		
305				(1/2") APA Rated FRT Sheathing	367	SF		
306				R-21 Fiberglass Batt Insulation	367	SF		
307				Sealant	160	LF		
				1-HR Interior Wall Type"P31" As: (1990 LF)				
308				(2x4) WD Top & Bottom Plate	5970	LF		
309				(2x4) FRT WD Studs @ 16"O.C (1493 EA, 13687 LF)	18243	SF		
310				(5/8") Type C Gypsum Wall Board	18243	SF		
311				(5/8") Type X Sound Block Gypsum Wall Board	18243	SF		
312				(1/2") Resilient Channel @ 24"O.C (995 EA, 9122 LF)	18243	SF		
313				(5-1/2") Sound Attenuation Fiberglass Batt Insulation	18243	SF		
314				Sealant	7960	LF		
				Interior Wall Type"P32" As: (26 LF)				
315				(2x6) WD Top & Bottom Plate	52	LF		
316				(2x6) FRT WD Studs @ 16"O.C (20 EA, 184 LF)	239	SF		
317				(5/8") Type X Gypsum Wall Board	477	SF		
318				Sound Attenuation Batt Insulation (Optional)	239	SF		
319				Sealant	104	LF		
				1-HR Interior Wall Type"P33" As: (1465 LF)				

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	UNIT COST LAB.+MAT.	TOTAL COST: LAB. + MAT.		
320	A1.13 - 1.13c	A0.02a - A0.02c		(2x6) WD Top & Bottom Plate	4395	LF				
321			(2x6") WD Studs @ 16"O.C (1100 EA, 10084 LF)	13430	SF					
322			(5/8") Type X Gypsum Wall Board	26765	SF					
323			(15/32") APA Rated Wood Structural Sheathing	95	SF					
324			Sealant	5860	LF					
						1-HR Interior Wall Type"P34" As: (2415 LF)				
325			(2x6) WD Top & Bottom Plate	7245	LF					
326			(2x6) FRT WD Studs @ 16"O.C (1812 EA, 16611 LF)	22139	SF					
327			(5/8") Type C Gypsum Wall Board	21721	SF					
328			(5/8") Type X Sound Block Gypsum Wall Board	21721	SF					
329			(15/32") APA Rated Wood Structural Sheathing	835	SF					
330			(1/2") Resilient Channel @ 24"O.C (1208 EA, 11074 LF)	22139	SF					
331			(5-1/2") Sound Attenuation Fiberglass Batt Insulation	22139	SF					
332			Sealant	9660	LF					
						1-HR Interior Wall Type"P35" As: (2150 LF)				
333			(2x6) WD Top & Bottom Plate	12900	LF					
334			(2x6) WD Studs @ 16"O.C (3226 EA, 29573 LF)	19710	SF					
335			(5/8") Type C/ X Gypsum Wall Board	19710	SF					
336			(5/8") Type X Gypsum Wall Board	19710	SF					
337			(5/8") Type X Sound Block Gypsum Wall Board	19710	SF					
338			15/32" APA Rated wood structural panel sheathing	19710	SF					
339			(3-1/2") Fiberglass Batt Insulation	39419	SF					
340			Fire blocking	2150	LF					
341			Sealant	12900	LF					
						2-HR Interior Wall Type"P36" As: (107 LF)				
342			(2x4) WD Top & Bottom Plate	321	LF					
343			(2x) WD Studs @ 16"O.C (81 EA, 743 LF)	981	SF					
344			(5/8") Type X Gypsum Wall Board	3750	SF					
345			(15/32") APA Rated Wood Structural Sheathing	175	SF					
346			(25 GA) Resilient Channel @ 24"O.C (54 EA, 496 LF)	981	SF					
347			(2") Sound Attenuation Fiberglass Batt Insulation	981	SF					
348			Sealant	856	LF					
						2-HR Shaft Wall Type"P37" As: (49 LF)				
349			(2x6) WD Top & Bottom Plate	147	LF					
350			(2x6") WD Studs @ 16"O.C (37 EA, 340 LF)	450	SF					
351			(2") USG H-Studs @ 16"O.C (37 EA, 340 LF)	450	SF					
352			(1") Gypsum Wall Board Liner Panels	899	SF					
353			(5/8") Type X Gypsum Wall Board	450	SF					
354			Sealant	196	LF					
						2-HR Shaft Wall Type"P38" As: (586 LF)				
355			(2x4) WD Top & Bottom Plate	1758	LF					
356			(2x4") WD Studs @ 16"O.C (440 EA, 4034 LF)	5372	SF					
357			(2") USG H-Studs @ 24"O.C (293 EA, 2686 LF)	5372	SF					
358			(1") Gypsum Wall Board Liner Panels	10744	SF					
359			(5/8") Type X Gypsum Wall Board	5372	SF					
360			Sealant	2344	LF					
						2-HR Interior Wall Type"P39" As: (77 LF)				
361	(2x6) WD Top & Bottom Plate	462	LF							
362	(2x6) WD Studs @ 16"O.C (116 EA, 1064 LF)	706	SF							
363	(2") USG H-Studs @ 24"O.C (39 EA, 358 LF)	706	SF							
364	(1") Gypsum Wall Board Liner Panels	1412	SF							
365	(5/8") Type X Gypsum Wall Board	1412	SF							
366	R-21 Fiberglass Batt Insulation	1412	SF							
367	Fire blocking	154	LF							
368	Sealant	616	LF							
				2-HR Furring Wall Type"P40" As: (181 LF)						
369	(2x4) WD Top & Bottom Plate	362	LF							
370	(2x4) WD Studs @ 16"O.C (136 EA, 1247 LF)	1555	SF							
371	(5/8") Gypsum Wall Board	1660	SF							
372	(15/32") APA Rated Wood Structural Sheathing	105	SF							
373	(3-1/2") Sound Attenuation Fiberglass Batt Insulation	1660	SF							
374	Fire blocking	181	LF							
375	Sealant	362	LF							
				2-HR Interior Wall Type"P41" As: (128 LF)						
376	(2x6) WD Top & Bottom Plate	512	LF							
377	(2x6) WD Studs @ 16"O.C (193 EA, 1770 LF)	1174	SF							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	UNIT COST LAB.+MAT.	TOTAL COST: LAB. + MAT.
378				(5/8") Type X Fire Core Gypsum Wall Board	4694	SF		
379				15/32" APA Rated wood structural panel sheathing	1174	SF		
380				Batt Insulation	2347	SF		
381				Fire blocking	128	LF		
382				Sealant	1024	LF		
				2-HR Furring Wall Type"P45" As: (20 LF)				
383				(2x6) FRT WD Top & Bottom Plate	60	LF		
384				(2x6) FRT WD Studs @ 16"O.C (16 EA, 147 LF)	184	SF		
385				(1/2") APA Rated FRT Sheathing	184	SF		
386				R-21 Fiberglass Batt Insulation	184	SF		
387				Fire blocking	20	LF		
388				Sealant	40	LF		
				Wood Stud Partition Wall (1675 LF)				
389				(2x4) WD Top & Bottom Plate	6700	LF		
390				(2x4) FRT WD Studs @ 16"O.C (1257 EA, 11523 LF)	15355	SF		
391				(1/2) Gypsum Wall Board	30710	SF		
392				Sound Attenuation Batt Insulation (Optional)	30710	SF		
393				Sealant	6700	LF		
				FOURTH FLOOR @ 9'-2" H				
				2-HR Interior Shaft Wall Type"P23" As: (245 LF)				
394				L Bracket Top & Bottom Track	980	LF		
395				(2-1/2") Metal C-H Studs @ 16"O.C (184 EA, 1687 LF)	2246	SF		
396				(1/2") Gypsum Wall Board	4492	SF		
397				Mineral Wool Batt Insulation	4492	SF		
398				Sealant	1470	LF		
				2-HR Exterior Wall Type"P26" As: (1000 LF)				
399				(2x6) FRT WD Top & Bottom Plate	3000	LF		
400				(2x6) FRT WD Studs @ 16"O.C (751 EA, 6885 LF)	9167	SF		
401				(5/8") Type X Gypsum Wall Board	18334	SF		
402				(1/2") APA Rated FRT Sheathing	9167	SF		
403				R-21 Fiberglass Batt Insulation	9167	SF		
404				Sealant	4000	LF		
				2-HR Exterior Wall Type"P27" As: (1010 LF)				
405				(2x6) FRT WD Top & Bottom Plate	3030	LF		
406				(2x6) FRT WD Studs @ 16"O.C (758 EA, 6949 LF)	9259	SF		
407				(5/8") Type X Gypsum Wall Board	18518	SF		
408				(1/2") APA Rated FRT Sheathing	9259	SF		
409				R-21 Fiberglass Batt Insulation	9259	SF		
410				Sealant	4040	LF		
				2-HR Exterior Wall Type"P28" As: (105 LF)				
411				(2x6) FRT WD Top & Bottom Plate	315	LF		
412				(2x6) FRT WD Studs @ 16"O.C (79 EA, 725 LF)	963	SF		
413				(5/8") Type X Gypsum Wall Board	1926	SF		
414				(1/2") APA Rated FRT Sheathing	963	SF		
415				R-21 Fiberglass Batt Insulation	963	SF		
416				Sealant	420	LF		
				2-HR Exterior Wall Type"P29" As: (40 LF)				
417				(2x6) FRT WD Top & Bottom Plate	120	LF		
418				(2x6) FRT WD Studs @ 16"O.C (31 EA, 285 LF)	367	SF		
419				(5/8") Type X Gypsum Wall Board	734	SF		
420				(1/2") APA Rated FRT Sheathing	367	SF		
421				R-21 Fiberglass Batt Insulation	367	SF		
422				Sealant	160	LF		
				1-HR Interior Wall Type"P31" As: (1990 LF)				
423				(2x4) WD Top & Bottom Plate	5970	LF		
424				(2x4) FRT WD Studs @ 16"O.C (1493 EA, 13687 LF)	18243	SF		
425				(5/8") Type C Gypsum Wall Board	18243	SF		
426				(5/8") Type X Sound Block Gypsum Wall Board	18243	SF		
427				(1/2") Resilient Channel @ 24"O.C (995 EA, 9122 LF)	18243	SF		
428				(5-1/2") Sound Attenuation Fiberglass Batt Insulation	18243	SF		
429				Sealant	7960	LF		
				Interior Wall Type"P32" As: (26 LF)				
430				(2x6) WD Top & Bottom Plate	52	LF		
431				(2x6) FRT WD Studs @ 16"O.C (20 EA, 184 LF)	239	SF		
432				(5/8") Type X Gypsum Wall Board	477	SF		
433				Sound Attenuation Batt Insulation (Optional)	239	SF		

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	UNIT COST LAB.+MAT.	TOTAL COST: LAB. + MAT.		
434	A1.13 - 1.13c	A0.02a - A0.02c		Sealant	104	LF				
					1-HR Interior Wall Type"P33"As: (1465 LF)					
435					(2x6) WD Top & Bottom Plate	4395	LF			
436					(2x6") WD Studs @ 16"O.C (1100 EA, 10084 LF)	13430	SF			
437					(5/8") Type X Gypsum Wall Board	26765	SF			
438					(15/32") APA Rated Wood Structural Sheathing	95	SF			
439					Sealant	5860	LF			
						1-HR Interior Wall Type"P34"As: (2415 LF)				
440					(2x6) WD Top & Bottom Plate	7245	LF			
441					(2x6) FRT WD Studs @ 16"O.C (1812 EA, 16611 LF)	22139	SF			
442					(5/8") Type C Gypsum Wall Board	21721	SF			
443					(5/8") Type X Sound Block Gypsum Wall Board	21721	SF			
444					(15/32") APA Rated Wood Structural Sheathing	835	SF			
445					(1/2") Resilient Channel @ 24"O.C (1208 EA, 11074 LF)	22139	SF			
446					(5-1/2") Sound Attenuation Fiberglass Batt Insulation	22139	SF			
447					Sealant	9660	LF			
						1-HR Interior Wall Type"P35"As: (2150 LF)				
448					(2x6) WD Top & Bottom Plate	12900	LF			
449					(2x6) WD Studs @ 16"O.C (3226 EA, 29573 LF)	19710	SF			
450					(5/8") Type C/ X Gypsum Wall Board	19710	SF			
451					(5/8") Type X Gypsum Wall Board	19710	SF			
452					(5/8") Type X Sound Block Gypsum Wall Board	19710	SF			
453					15/32" APA Rated wood structural panel sheathing	19710	SF			
454					(3-1/2") Fiberglass Batt Insulation	39419	SF			
455					Fire blocking	2150	LF			
456					Sealant	12900	LF			
						2-HR Interior Wall Type"P36"As: (107 LF)				
457					(2x4) WD Top & Bottom Plate	321	LF			
458					(2x) WD Studs @ 16"O.C (81 EA, 743 LF)	981	SF			
459					(5/8") Type X Gypsum Wall Board	3750	SF			
460					(15/32") APA Rated Wood Structural Sheathing	175	SF			
461					(25 GA) Resilient Channel @ 24"O.C (54 EA, 496 LF)	981	SF			
462					(2") Sound Attenuation Fiberglass Batt Insulation	981	SF			
463					Sealant	856	LF			
						2-HR Shaft Wall Type"P37"As: (49 LF)				
464					(2x6) WD Top & Bottom Plate	147	LF			
465					(2x6") WD Studs @ 16"O.C (37 EA, 340 LF)	450	SF			
466					(2") USG H-Studs @ 16"O.C (37 EA, 340 LF)	450	SF			
467					(1") Gypsum Wall Board Liner Panels	899	SF			
468					(5/8") Type X Gypsum Wall Board	450	SF			
469					Sealant	196	LF			
						2-HR Shaft Wall Type"P38"As: (586 LF)				
470					(2x4) WD Top & Bottom Plate	1758	LF			
471					(2x4") WD Studs @ 16"O.C (440 EA, 4034 LF)	5372	SF			
472					(2") USG H-Studs @ 24"O.C (293 EA, 2686 LF)	5372	SF			
473					(1") Gypsum Wall Board Liner Panels	10744	SF			
474					(5/8") Type X Gypsum Wall Board	5372	SF			
475					Sealant	2344	LF			
						2-HR Interior Wall Type"P39"As: (77 LF)				
476			(2x6) WD Top & Bottom Plate	462	LF					
477			(2x6) WD Studs @ 16"O.C (116 EA, 1064 LF)	706	SF					
478			(2") USG H-Studs @ 24"O.C (39 EA, 358 LF)	706	SF					
479			(1") Gypsum Wall Board Liner Panels	1412	SF					
480			(5/8") Type X Gypsum Wall Board	1412	SF					
481			R-21 Fiberglass Batt Insulation	1412	SF					
482			Fire blocking	154	LF					
483			Sealant	616	LF					
				2-HR Furring Wall Type"P40"As: (181 LF)						
484			(2x4) WD Top & Bottom Plate	362	LF					
485			(2x4) WD Studs @ 16"O.C (136 EA, 1247 LF)	1555	SF					
486			(5/8") Gypsum Wall Board	1660	SF					
487			(15/32") APA Rated Wood Structural Sheathing	105	SF					
488			(3-1/2") Sound Attenuation Fiberglass Batt Insulation	1660	SF					
489			Fire blocking	181	LF					
490			Sealant	362	LF					
				2-HR Interior Wall Type"P41"As: (128 LF)						

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	UNIT COST LAB.+MAT.	TOTAL COST: LAB. + MAT.
491				(2x6) WD Top & Bottom Plate	512	LF		
492				(2x6) WD Studs @ 16"O.C (193 EA, 1770 LF)	1174	SF		
493				(5/8") Type X Fire Core Gypsum Wall Board	4694	SF		
494				15/32" APA Rated wood structural panel sheathing	1174	SF		
495				Batt Insulation	2347	SF		
496				Fire blocking	128	LF		
497				Sealant	1024	LF		
				2-HR Furring Wall Type"P45" As: (20 LF)				
498				(2x6) FRT WD Top & Bottom Plate	60	LF		
499				(2x6) FRT WD Studs @ 16"O.C (16 EA, 147 LF)	184	SF		
500				(1/2") APA Rated FRT Sheathing	184	SF		
501				R-21 Fiberglass Batt Insulation	184	SF		
502				Fire blocking	20	LF		
503				Sealant	40	LF		
				Wood Stud Partition Wall (1675 LF)				
504				(2x4) WD Top & Bottom Plate	6700	LF		
505				(2x4) FRT WD Studs @ 16"O.C (1257 EA, 11523 LF)	15355	SF		
506				(1/2) Gypsum Wall Board	30710	SF		
507				Sound Attenuation Batt Insulation (Optional)	30710	SF		
508				Sealant	6700	LF		
				FIFTH FLOOR @ 9'-2" H				
				2-HR Interior Shaft Wall Type"P23" As: (245 LF)				
509				L Bracket Top & Bottom Track	980	LF		
510				(2-1/2") Metal C-H Studs @ 16"O.C (184 EA, 1687 LF)	2246	SF		
511				(1/2") Gypsum Wall Board	4492	SF		
512				Mineral Wool Batt Insulation	4492	SF		
513				Sealant	1470	LF		
				2-HR Exterior Wall Type"P26" As: (1000 LF)				
514				(2x6) FRT WD Top & Bottom Plate	3000	LF		
515				(2x6) FRT WD Studs @ 16"O.C (751 EA, 6885 LF)	9167	SF		
516				(5/8") Type X Gypsum Wall Board	18334	SF		
517				(1/2") APA Rated FRT Sheathing	9167	SF		
518				R-21 Fiberglass Batt Insulation	9167	SF		
519				Sealant	4000	LF		
				2-HR Exterior Wall Type"P27" As: (1010 LF)				
520				(2x6) FRT WD Top & Bottom Plate	3030	LF		
521				(2x6) FRT WD Studs @ 16"O.C (758 EA, 6949 LF)	9259	SF		
522				(5/8") Type X Gypsum Wall Board	18518	SF		
523				(1/2") APA Rated FRT Sheathing	9259	SF		
524				R-21 Fiberglass Batt Insulation	9259	SF		
525				Sealant	4040	LF		
				2-HR Exterior Wall Type"P28" As: (105 LF)				
526				(2x6) FRT WD Top & Bottom Plate	315	LF		
527				(2x6) FRT WD Studs @ 16"O.C (79 EA, 725 LF)	963	SF		
528				(5/8") Type X Gypsum Wall Board	1926	SF		
529				(1/2") APA Rated FRT Sheathing	963	SF		
530				R-21 Fiberglass Batt Insulation	963	SF		
531				Sealant	420	LF		
				2-HR Exterior Wall Type"P29" As: (40 LF)				
532				(2x6) FRT WD Top & Bottom Plate	120	LF		
533				(2x6) FRT WD Studs @ 16"O.C (31 EA, 285 LF)	367	SF		
534				(5/8") Type X Gypsum Wall Board	734	SF		
535				(1/2") APA Rated FRT Sheathing	367	SF		
536				R-21 Fiberglass Batt Insulation	367	SF		
537				Sealant	160	LF		
				1-HR Interior Wall Type"P31" As: (1990 LF)				
538				(2x4) WD Top & Bottom Plate	5970	LF		
539				(2x4) FRT WD Studs @ 16"O.C (1493 EA, 13687 LF)	18243	SF		
540				(5/8") Type C Gypsum Wall Board	18243	SF		
541				(5/8") Type X Sound Block Gypsum Wall Board	18243	SF		
542				(1/2") Resilient Channel @ 24"O.C (995 EA, 9122 LF)	18243	SF		
543				(5-1/2") Sound Attenuation Fiberglass Batt Insulation	18243	SF		
544				Sealant	7960	LF		
				Interior Wall Type"P32" As: (26 LF)				
545				(2x6) WD Top & Bottom Plate	52	LF		
546				(2x6) FRT WD Studs @ 16"O.C (20 EA, 184 LF)	239	SF		

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	UNIT COST LAB.+MAT.	TOTAL COST: LAB. + MAT.	
547	A1.12 - A1.12c	A0.02a - A0.02c		(5/8") Type X Gypsum Wall Board	477	SF			
548				Sound Attenuation Batt Insulation (Optional)	239	SF			
549				Sealant	104	LF			
					1-HR Interior Wall Type"P33" As: (1465 LF)				
550					(2x6) WD Top & Bottom Plate	4395	LF		
551					(2x6") WD Studs @ 16"O.C (1100 EA, 10084 LF)	13430	SF		
552					(5/8") Type X Gypsum Wall Board	26765	SF		
553					(15/32") APA Rated Wood Structural Sheathing	95	SF		
554					Sealant	5860	LF		
					1-HR Interior Wall Type"P34" As: (2415 LF)				
555					(2x6) WD Top & Bottom Plate	7245	LF		
556					(2x6) FRT WD Studs @ 16"O.C (1812 EA, 16611 LF)	22139	SF		
557					(5/8") Type C Gypsum Wall Board	21721	SF		
558					(5/8") Type X Sound Block Gypsum Wall Board	21721	SF		
559					(15/32") APA Rated Wood Structural Sheathing	835	SF		
560					(1/2") Resilient Channel @ 24"O.C (1208 EA, 11074 LF)	22139	SF		
561					(5-1/2") Sound Attenuation Fiberglass Batt Insulation	22139	SF		
562					Sealant	9660	LF		
					1-HR Interior Wall Type"P35" As: (2150 LF)				
563					(2x6) WD Top & Bottom Plate	12900	LF		
564					(2x6) WD Studs @ 16"O.C (3226 EA, 29573 LF)	19710	SF		
565					(5/8") Type C/ X Gypsum Wall Board	19710	SF		
566					(5/8") Type X Gypsum Wall Board	19710	SF		
567					(5/8") Type X Sound Block Gypsum Wall Board	19710	SF		
568					15/32" APA Rated wood structural panel sheathing	19710	SF		
569					(3-1/2") Fiberglass Batt Insulation	39419	SF		
570					Fire blocking	2150	LF		
571					Sealant	12900	LF		
					2-HR Interior Wall Type"P36" As: (107 LF)				
572					(2x4) WD Top & Bottom Plate	321	LF		
573					(2x) WD Studs @ 16"O.C (81 EA, 743 LF)	981	SF		
574					(5/8") Type X Gypsum Wall Board	3750	SF		
575					(15/32") APA Rated Wood Structural Sheathing	175	SF		
576					(25 GA) Resilient Channel @ 24"O.C (54 EA, 496 LF)	981	SF		
577					(2") Sound Attenuation Fiberglass Batt Insulation	981	SF		
578					Sealant	856	LF		
					2-HR Shaft Wall Type"P37" As: (49 LF)				
579					(2x6) WD Top & Bottom Plate	147	LF		
580					(2x6") WD Studs @ 16"O.C (37 EA, 340 LF)	450	SF		
581					(2") USG H-Studs @ 16"O.C (37 EA, 340 LF)	450	SF		
582					(1") Gypsum Wall Board Liner Panels	899	SF		
583					(5/8") Type X Gypsum Wall Board	450	SF		
584					Sealant	196	LF		
					2-HR Shaft Wall Type"P38" As: (586 LF)				
585					(2x4) WD Top & Bottom Plate	1758	LF		
586					(2x4") WD Studs @ 16"O.C (440 EA, 4034 LF)	5372	SF		
587					(2") USG H-Studs @ 24"O.C (293 EA, 2686 LF)	5372	SF		
588					(1") Gypsum Wall Board Liner Panels	10744	SF		
589					(5/8") Type X Gypsum Wall Board	5372	SF		
590					Sealant	2344	LF		
					2-HR Interior Wall Type"P39" As: (77 LF)				
591					(2x6) WD Top & Bottom Plate	462	LF		
592					(2x6) WD Studs @ 16"O.C (116 EA, 1064 LF)	706	SF		
593					(2") USG H-Studs @ 24"O.C (39 EA, 358 LF)	706	SF		
594					(1") Gypsum Wall Board Liner Panels	1412	SF		
595					(5/8") Type X Gypsum Wall Board	1412	SF		
596					R-21 Fiberglass Batt Insulation	1412	SF		
597					Fire blocking	154	LF		
598					Sealant	616	LF		
					2-HR Furring Wall Type"P40" As: (181 LF)				
599			(2x4) WD Top & Bottom Plate	362	LF				
600			(2x4) WD Studs @ 16"O.C (136 EA, 1247 LF)	1555	SF				
601			(5/8") Gypsum Wall Board	1660	SF				
602			(15/32") APA Rated Wood Structural Sheathing	105	SF				
603			(3-1/2") Sound Attenuation Fiberglass Batt Insulation	1660	SF				
604			Fire blocking	181	LF				

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	UNIT COST LAB.+MAT.	TOTAL COST: LAB. + MAT.
605				Sealant	362	LF		
				2-HR Interior Wall Type"P41"As: (128 LF)				
606				(2x6) WD Top & Bottom Plate	512	LF		
607				(2x6) WD Studs @ 16"O.C (193 EA, 1770 LF)	1174	SF		
608				(5/8") Type X Fire Core Gypsum Wall Board	4694	SF		
609				15/32" APA Rated wood structural panel sheathing	1174	SF		
610				Batt Insulation	2347	SF		
611				Fire blocking	128	LF		
612				Sealant	1024	LF		
				2-HR Furring Wall Type"P45"As: (20 LF)				
613				(2x6) FRT WD Top & Bottom Plate	60	LF		
614				(2x6) FRT WD Studs @ 16"O.C (16 EA, 147 LF)	184	SF		
615				(1/2") APA Rated FRT Sheathing	184	SF		
616				R-21 Fiberglass Batt Insulation	184	SF		
617				Fire blocking	20	LF		
618				Sealant	40	LF		
				Wood Stud Partition Wall (1675 LF)				
619				(2x4) WD Top & Bottom Plate	6700	LF		
620				(2x4) FRT WD Studs @ 16"O.C (1257 EA, 11523 LF)	15355	SF		
621				(1/2) Gypsum Wall Board	30710	SF		
622				Sound Attenuation Batt Insulation (Optional)	30710	SF		
623				Sealant	6700	LF		
				SIXTH FLOOR @ 9'-2" H				
				2-HR Interior Shaft Wall Type"P23"As: (172 LF)				
624				L Bracket Top & Bottom Track	688	LF		
625				(2-1/2") Metal C-H Studs @ 16"O.C (130 EA, 1192 LF)	1577	SF		
626				(1/2") Gypsum Wall Board	3154	SF		
627				Mineral Wool Batt Insulation	3154	SF		
628				Sealant	1032	LF		
				2-HR Exterior Wall Type"P27"As: (1392 LF)				
629				(2x6) FRT WD Top & Bottom Plate	5568	LF		
630				(2x6) FRT WD Studs @ 16"O.C (1045 EA, 9580 LF)	12761	SF		
631				(5/8") Type X Gypsum Wall Board	25521	SF		
632				(1/2") APA Rated FRT Sheathing	12761	SF		
633				R-21 Fiberglass Batt Insulation	12761	SF		
634				Sealant	5568	LF		
				2-HR Exterior Wall Type"P29"As: (77 LF)				
635				(2x6) FRT WD Top & Bottom Plate	231	LF		
636				(2x6) FRT WD Studs @ 16"O.C (58 EA, 532 LF)	706	SF		
637				(5/8") Type X Gypsum Wall Board	1412	SF		
638				(1/2") APA Rated FRT Sheathing	706	SF		
639				R-21 Fiberglass Batt Insulation	706	SF		
640				Sealant	308	LF		
				1-HR Interior Wall Type"P31"As: (1257 LF)				
641				(2x4) WD Top & Bottom Plate	3771	LF		
642				(2x4) FRT WD Studs @ 16"O.C (943 EA, 8645 LF)	11523	SF		
643				(5/8") Type C Gypsum Wall Board	11523	SF		
644				(5/8") Type X Sound Block Gypsum Wall Board	11523	SF		
645				(1/2") Resilient Channel @ 24"O.C (629 EA, 5767 LF)	11523	SF		
646				(5-1/2") Sound Attenuation Fiberglass Batt Insulation	11523	SF		
647				Sealant	5028	LF		
				Interior Wall Type"P32"As: (26 LF)				
648				(2x6) WD Top & Bottom Plate	52	LF		
649				(2x6) FRT WD Studs @ 16"O.C (20 EA, 184 LF)	239	SF		
650				(5/8") Type X Gypsum Wall Board	477	SF		
651				Sound Attenuation Batt Insulation (Optional)	239	SF		
652				Sealant	104	LF		
				1-HR Interior Wall Type"P33"As: (956 LF)				
653				(2x6) WD Top & Bottom Plate	2868	LF		
654				(2x6") WD Studs @ 16"O.C (718 EA, 6582 LF)	8670	SF		
655				15/32" APA Rated wood structural panel sheathing	95	SF		
656				(5/8") Type X Gypsum Wall Board	17528	SF		
657				Sealant	3824	LF		
				1-HR Interior Wall Type"P34"As: (1521 LF)				
658				(2x6) WD Top & Bottom Plate	4563	LF		
659				(2x6) FRT WD Studs @ 16"O.C (1142 EA, 10469 LF)	13944	SF		

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	UNIT COST LAB.+MAT.	TOTAL COST: LAB. + MAT.
660				(5/8") Type C Gypsum Wall Board	8090	SF		
661				(5/8") Type X Sound Block Gypsum Wall Board	8090	SF		
662				15/32" APA Rated wood structural panel sheathing	11715	SF		
663				(1/2") Resilient Channel @ 24"O.C (761 EA, 6977 LF)	13944	SF		
664				(5-1/2") Sound Attenuation Fiberglass Batt Insulation	13944	SF		
665				Sealant	6084	LF		
				1-HR Interior Wall Type"P35"As: (1455 LF)				
666				(2x6) WD Top & Bottom Plate	8730	LF		
667				(2x6) WD Studs @ 16"O.C (2184 EA, 20021 LF)	13338	SF		
668				(5/8") Type C/ X Gypsum Wall Board	13338	SF		
669				(5/8") Type X Gypsum Wall Board	13338	SF		
670				(5/8") Type X Sound Block Gypsum Wall Board	13338	SF		
671				15/32" APA Rated wood structural panel sheathing	13338	SF		
672				(3-1/2") Fiberglass Batt Insulation	26676	SF		
673				Fire blocking	1455	LF		
674				Sealant	8730	LF		
				2-HR Interior Wall Type"P36"As: (96 LF)				
675				(2x4) WD Top & Bottom Plate	288	LF		
676	P1.14 - 1.14C	A0.02a - A0.02c		(2x) WD Studs @ 16"O.C (73 EA, 670 LF)	881	SF		
677				(5/8") Type X Gypsum Wall Board	3436	SF		
678				15/32" APA Rated wood structural panel sheathing	85	SF		
679				(25 GA) Resilient Channel @ 24"O.C (48 EA, 441 LF)	881	SF		
680				(2") Sound Attenuation Fiberglass Batt Insulation	881	SF		
681				Sealant	768	LF		
				2-HR Shaft Wall Type"P38"As: (330 LF)				
682				(2x4) WD Top & Bottom Plate	990	LF		
683				(2x4") WD Studs @ 16"O.C (248 EA, 2274 LF)	3026	SF		
684				(2") USG H-Studs @ 24"O.C (165 EA, 1513 LF)	3026	SF		
685				(1") Gypsum Wall Board Liner Panels	6051	SF		
686				(5/8") Type X Gypsum Wall Board	3026	SF		
687				Sealant	1320	LF		
				2-HR Interior Wall Type"P39"As: (76 LF)				
688				(2x6) WD Top & Bottom Plate	456	LF		
689				(2x6) WD Studs @ 16"O.C (115 EA, 1055 LF)	697	SF		
690				(2") USG H-Studs @ 24"O.C (38 EA, 349 LF)	697	SF		
691				(1") Gypsum Wall Board Liner Panels	1394	SF		
692				(5/8") Type X Gypsum Wall Board	1394	SF		
693				R-21 Fiberglass Batt Insulation	1394	SF		
694				Fire blocking	152	LF		
695				Sealant	608	LF		
				2-HR Furring Wall Type"P40"As: (182 LF)				
696				(2x4) WD Top & Bottom Plate	364	LF		
697				(2x4) WD Studs @ 16"O.C (137 EA, 1256 LF)	1669	SF		
698				(5/8") Gypsum Wall Board	1560	SF		
				15/32" APA Rated wood structural panel sheathing	110			
699				(3-1/2") Sound Attenuation Fiberglass Batt Insulation	1669	SF		
700				Fire blocking	182	LF		
701				Sealant	364	LF		
				2-HR Interior Wall Type"P41"As: (142 LF)				
702				(2x6) WD Top & Bottom Plate	568	LF		
703				(2x6) WD Studs @ 16"O.C (214 EA, 1962 LF)	1302	SF		
704				(5/8") Type X Fire Core Gypsum Wall Board	5207	SF		
705				15/32" APA Rated wood structural panel sheathing	1302	SF		
706				Batt Insulation	2604	SF		
707				Fire blocking	142	LF		
708				Sealant	1136	LF		
				2-HR Exterior Wall Type"P43"As: (400 LF)				
709				(2x6) FRT WD Top & Bottom Plate	1200	LF		
710				(2x4) FRT WD Top & Bottom Plate	1200	LF		
711				(2x6) FRT WD Studs @ 16"O.C (301 EA, 2760 LF)	3667	SF		
712				(2x4) FRT WD Studs @ 16"O.C (301 EA, 2760 LF)	3667	SF		
713				(1/2") APA Rated FRT Sheathing	3667	SF		
714				(5/8") Type X Gypsum Wall Board	7334	SF		
715				R-21 Fiberglass Batt Insulation	3667	SF		
716				R-13 Fiberglass Batt Insulation	3667	SF		
717				Sealant	1600	LF		

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	UNIT COST LAB.+MAT.	TOTAL COST: LAB. + MAT.
				2-HR Exterior Wall Type"P43" As: (103 LF)				
718				(2x6) FRT WD Top & Bottom Plate	309	LF		
719				(2x4) FRT WD Top & Bottom Plate	309	LF		
720				(2x6) FRT WD Studs @ 16"O.C (78 EA, 716 LF)	945	SF		
721				(2x4) FRT WD Studs @ 16"O.C (78 EA, 716 LF)	945	SF		
722				(1/2") APA Rated FRT Sheathing	945	SF		
723				(5/8") Type X Gypsum Wall Board	1889	SF		
724				R-21 Fiberglass Batt Insulation	945	SF		
725				R-13 Fiberglass Batt Insulation	945	SF		
726				Sealant	412	LF		
				Wood Stud Partition Wall (1441 LF)				
727				(2x4) WD Top & Bottom Plate	5764	LF		
728				(2x4) FRT WD Studs @ 16"O.C (1082 EA, 9919 LF)	13210	SF		
729				(1/2) Gypsum Wall Board	26420	SF		
730				Sound Attenuation Batt Insulation (Optional)	26420	SF		
731				Sealant	5764	LF		
				ROOF @ 9'-2" H				
				2-HR Exterior Wall Type"P27" As: (160 LF)				
732				(2x6) FRT WD Top & Bottom Plate	480	LF		
733				(2x6) FRT WD Studs @ 16"O.C (121 EA, 1110 LF)	1467	SF		
734				(5/8") Type X Gypsum Wall Board	1467	SF		
735				(1/2") APA Rated FRT Sheathing	1467	SF		
736	A1.15 - A1.15c	A0.02a - A0.02c		R-21 Fiberglass Batt Insulation	1467	SF		
737				Sealant	320	LF		
				(3'-3" H) Parapet (1825 LF)				
738				(1/2") Plywood sheathing	1185	SF		
739				(5/8") Type X GWB	5932	SF		
				(4'-0" H) Parapet (840 LF)				
740				(1/2") Plywood sheathing	6720	SF		
741				(5/8") Type X GWB	3360	SF		
				Subtotal				
				CEILING				
				BASEMENT				
742	A1.20a - c			(5/8") Type X GWB ceiling	4240	SF		
				SECOND FLOOR				
743	A1.22a - c			(2 Layers, 5/8" The.) Type C GWB ceiling w/ resilient channels	53665	SF		
				THIRD FLOOR				
744	A1.22a - c			(2 Layers, 5/8" The.) Type C GWB ceiling w/ resilient channels	53665	SF		
				FOURTH FLOOR				
745	A1.22a - c			(2 Layers, 5/8" The.) Type C GWB ceiling w/ resilient channels	53665	SF		
				FIFTH FLOOR				
746	A1.23a - c	A0.02d		(2 Layers, 5/8" The.) Type C GWB ceiling w/ resilient channels	52130	SF		
				SIXTH FLOOR				
747	A1.24a - c	A0.02d		(5/8") Type X GWB ceiling w/ resilient channels	35005	SF		
				ROOF				
748	A1.15 - A1.15c	A0.02d		(5/8") Type X GWB ceiling w/ resilient channels	1045	SF		
				Subtotal				
				CEILING INSULATION				
				BASEMENT				
749	A1.20a - c	A0.02d		Closed cell insulation at ceiling deck	2610	SF		
750				R-38 Batt insulation at ceiling	50205	SF		
751				Rigid insulation/ structural foam	50205	SF		
752				Sound attenuation fiber batt insulation at ceiling	4240	SF		
				FIRST FLOOR				
753	A1.21a - c	A0.02d		R-38 Batt insulation at ceiling	37885	SF		
				SECOND FLOOR				
754	A1.22a - c	A0.02d		Sound attenuation fiber batt insulation at ceiling	53665	SF		
				THIRD FLOOR				
755	A1.22a - c	A0.02d		Sound attenuation fiber batt insulation at ceiling	53665	SF		
				FOURTH FLOOR				
756	A1.22a - c	A0.02d		Sound attenuation fiber batt insulation at ceiling	53665	SF		
				FIFTH FLOOR				

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	UNIT COST LAB.+MAT.	TOTAL COST: LAB. + MAT.
757	A1.23a - c	A0.02d		Sound attenuation fiber batt insulation at ceiling	37765	SF		
758				R-30 Fiberglass batt insulation at ceiling	14365	SF		
759				R-17 Air permeable, class -2 closed cell insulation	14365	SF		
				SIXTH FLOOR				
760	A1.24a - c	A0.02d		R-38 Fiberglass batt insulation	35005	SF		
				ROOF				
761	A1.15 - 1.15c	A0.02d		R-30 Fiberglass batt insulation at ceiling	1045	SF		
762				R-17 Air permeable, class -2 closed cell insulation	1045	SF		
				Subtotal				
				TOTAL				
				OVERHEAD (5%)				
				PROFIT (12%)				
				GRAND TOTAL				