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GRACE LUTHERAN SCHOOL ADDITION

320 BATES AVENUE, SE WINTER HAVEN, FLORIDA 33880

OWNER

ARCHITECT

ADDENDA

Addendum Issued: NONE

Please review any Addendum issued after Date
03/13/2025

ID: 1671

BIDDER NAME: _____



99 ESTIMATORS

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	Calc.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
								MHrs/ Unit	\$/Hour	(\$Per Unit)				
010000				DIVISION 01 - GENERAL REQUIREMENTS										
1				MOBILIZATION	1		LS							
2				BOND & INSURANCE	1		LS							
3				SUPERVISION	1		LS							
4				SUBMITTALS & SAMPLES	1		LS							
5				TEMPORARY FACILITIES & CONTROLS	1		LS							
				DUMPSTER ALLOWANCE	4		EA							
				TEMP TOILET	1		LS							
				SAFETY DIRECTOR	1		LS							
9				PROJECT SCHEDULE	1		LS							
10				CLOSEOUT PROCEDURES	1		LS							
11				PERMITS	1		LS							
				Subtotal										
020000				DIVISION 02 - EXISTING CONDITIONS										
020700				SELECTIVE REMOVALS AND DEMOLITION										
12	SHEET 2			SAWCUT ASPHALT	95	94.1	LF							
13				SAWCUT CONCRETE	180	180	LF							
14				REMOVE CONCRETE	14080	14077.1	SF							
15				REMOVE 6" METAL FENCE	125	125	LF							
16				REMOVE CANOPY	4966	4965.2	SF							
17	A-103			(8" THK) Remove existing CMU Wall.	35	30.73	SF							
				Subtotal										
022000				EARTHWORK										
18	S-101			Footing excavation.	6955	6954	CF							
19				Footing backfill.	2820	2817	CF							
20				Surplus export material.	4135		CF							
029000				LANDSCAPING										
21	A101 TO A201			Mulch	1242	1242.48	SF							
				Subtotal										
030000				DIVISION 03 - CONCRETE										
033000				CAST IN PLACE CONCRETE										
22	S-101			(1'6"Wx1'H) TYPE WF1.0, CONCRETE FOOTING										
23				Compaction of sub-grade.	270	268.7	SF							
24				Formwork.	270	268.7	SF							
25				Rebar's (Grade 60)	325	323.2	LB							
				Concrete footing. (f'c = 3000 PSI)	202	201.525	CF							
26	S-101			(3'3Wx1'H) TYPE WF3.0, CONCRETE FOOTING										
27				Compaction of sub-grade.	1925	1922.795	SF							
28				Formwork.	1100	1098.74	SF							
29				Rebar's (Grade 60)	2640	2636.8	LB							
				Concrete footing. (f'c = 3000 PSI)	1648	1648.11	CF							
30	S-101			(4'SQ.x1'4"H) TYPE F4.0, CONCRETE FOOTING PAD (2 EA)										
31				Compaction of sub-grade.	40	40.5	SF							
32				Formwork.	43	42.656	SF							
33				Rebar's (Grade 60)	70	68.8	LB							
				Concrete footing. (f'c = 3000 PSI)	43	42.656	CF							
34	S-101			(5'SQ.x1'4"H) TYPE F5.0, CONCRETE FOOTING PAD (1 EA)										
35				Compaction of sub-grade.	30	30.25	SF							
36				Formwork.	34	33.325	SF							
37				Rebar's (Grade 60)	55	54.4	LB							
				Concrete footing. (f'c = 3000 PSI)	34	33.325	CF							
38	S-101			(6'SQ.x1'4"H) TYPE F6.0, CONCRETE FOOTING PAD (5 EA)										
39				Compaction of sub-grade.	215	211.25	SF							
40				Formwork.	240	239.94	SF							
41				Rebar's (Grade 60)	385	384	LB							
				Concrete footing. (f'c = 3000 PSI)	240	239.94	CF							
42	S-101			(7'SQ.x1'8"H) TYPE F7.0, CONCRETE FOOTING PAD (3 EA)										
43				Compaction of sub-grade.	170	168.75	SF							
44				Formwork.	245	244.902	SF							
45				Rebar's (Grade 60)	392	392	LB							
				Concrete footing. (f'c = 3000 PSI)	245	244.902	CF							
46	S-101			(8'SQ.x2'H) TYPE F8.0, CONCRETE FOOTING PAD (4 EA)										
47				Compaction of sub-grade.	290	289	SF							
48				Formwork.	512	512	SF							
49				Rebar's (Grade 60)	900	896	LB							
				Concrete footing. (f'c = 3000 PSI)	512	512	CF							
50	S-101			ELEVATOR CONCRETE FOOTING PAD (1 EA)										
51				Compaction of sub-grade.	140	140	SF							
52				Formwork.	56	55.986	SF							
53				Rebar's (Grade 60)	280	276.975	LB							
				(16" THK) Elevator concrete pad. (f'c = 3000 PSI)	150	147.68307	CF							
54	S-101			CONCRETE COLUMN (8 EA)										
55				Formwork.	612	611.50311	SF							
56				Rebar's (Grade 60)	505	503.75	LB							
57				(8"x24") Concrete Column. (f'c = 3000 PSI)	155	152.70048	CF							
58	S-101			CONCRETE BEAM										
59				Formwork.	2515	2511.07	SF							
60				Rebar's (Grade 60)	545	542.75	LB							
				(8"x24") Concrete beam. (f'c = 3000 PSI)	155	830.14236	CF							
				(8"x36") Concrete beam. (f'c = 3000 PSI)	12	12.0879	CF							
61	S-101			CONCRETE WALL										
62				Formwork.	344	343.74918	SF							
63				Rebar's (Grade 60)	475	471.25	LB							
				(8" THK) Concrete wall. (f'c = 3000 PSI)	145	143.50608	CF							
64	S-101			SLAB ON GRADE										
65				Compaction of sub-grade.	13840	13835.85	SF							
66				(12" THK) Compacted fill.	13840	13835.85	SF							
67				(10 MIL) Vapor barrier.	13840	13835.85	SF							
				Rebar's (Grade 60)	20755	20753.775	LB							
68				(4" THK) Slab on grade. (f'c = 3000 PSI)	13840	13835.85	SF							
69	S-101			STAIR										
70				Rebar's (Grade 60)	300	292.5	LB							
71				(6" THK) Stair slab & steps. (f'c = 3000 PSI)	130	128.62	SF							
72				(1-1/2" THK) Metal pan stair concrete.	875	872.63	SF							
	S-101 & S-102			Composite deck w/ (3" THK) Lightweight concrete. (f'c = 3000 PSI)	27520	27516.87	SF							
				Subtotal										

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								MHrs/ Unit	\$/Hour	(\$Per Unit)				
			042000	UNIT MASONRY										
				CMU WALL										
73				Rebar's (Grade 60)	21210	21208.258	LB							
74				(8" THK) CMU Wall.	18445	18441.964	SF							
				Subtotal										
			050000	DIVISION 05 - METAL										
			051200	STRUCTURAL STEEL										
75				(14"x14"x1/4") Steel plate. (15 EA)	1040	1040.0603	LB							
76				HSS6x6x3/8 (30 EA)	11816	11816.125	LB							
77				W8x18	15110	15110.28	LB							
78				W10x19	12185	12184.51	LB							
79				W12x19	34319	34318.75	LB							
80				W12x14	346	346.08	LB							
81				W14x22	18823	18823.2	LB							
82				W14x26	1153	1152.84	LB							
83				W16x26	10566	10566.14	LB							
84				W16x31	5847	5846.29	LB							
85				W16x40	871	870.8	LB							
86				W21x44	9998	9997.24	LB							
87				W21x62	5265	5265.04	LB							
88				W16x31	1338	1337.65	LB							
89				W18x35	9774	9773.75	LB							
90				W18x40	3106	3106	LB							
91				W24x55	1990	1989.9	LB							
92				W24x68	17076	17075.48	LB							
93				L5x3x1/4	1640	1639.36	LB							
94	A-121 to			(3-5/8") Bulkhead soffit framing.	4330	4325.7772	LF							
95	A-122			(6") Bulkhead soffit framing.	60	59.34	LF							
96	A-101 &			GWB FURRING WALL (1047 LF):										
97	A-103			(1-1/2") (25 GA.) ZEE Furring @ 16" O.C	11525	11524.561	LF							
				(1-1/2") Top & bottom track.	2094	2094	LF							
98	A-101 &			GWB FURRING WALL (121 LF):										
99	A-103			(3-5/8") 20 GA. Metal furring stud @ 16" O.C	1300	1298.8089	LF							
				(3-5/8") 20 GA. Top & bottom track.	242	242	LF							
100	A-101 &			GWB FURRING WALL (22 LF):										
101	A-103			(6") 20 GA. Metal furring stud @ 16" O.C	220	216.43351	LF							
102				(6") 20 GA. Top & bottom track.	44	44	LF							
103	A-101 &			GWB WALL (1075 LF):										
	A-103			(3-5/8") 20 GA. Metal stud @ 16" O.C	11610	11605.788	LF							
				(3-5/8") 20 GA. Top & bottom track.	2150	2150	LF							
104	A-101 &			GWB WALL W/ INSULATION (84 LF):										
105	A-103			(3-5/8") 20 GA. Metal stud @ 16" O.C	1105	1103.7337	LF							
				(3-5/8") 20 GA. Top & bottom track.	168	168	LF							
106	A-101 &			GWB WALL (46 LF):										
107	A-103			(6") 20 GA. Metal stud @ 16" O.C	565	564.2822	LF							
				(6") 20 GA. Top & bottom track.	92	92	LF							
108	S-101 to		053000	METAL DECK										
109	S-104			(1-1/2" THK) Metal pan stair.	875	872.63	SF							
				(1.5VL) 20 GA. Composite deck.	27520	27516.87	SF							
			055000	METAL FABRICATIONS										
110				MISC. ITEMS.	1		LS							
			057000	ORNAMENTAL METAL										
111	A101 TO			(42" H) Hand rail.	200	193.71	LF							
112	A201			(42" H) Guard rail.	55	52.63	LF							
113				(7'H) Decorative fence.	186	185.54	LF							
				Subtotal										
			060000	DIVISION 06 - WOOD, PLASTIC AND COMPOSITES										
			061000	ROUGH CARPENTRY										
114	S-104			(5/8") CDX Plywood roof sheathing.	1480	1477.95	SF							
			064100	ARCHITECTURAL WOOD CASEWORK										
115				(11'4"Lx2'Dx2'10"H) Base cabinet. (1 EA)	32	32.0639	SF							
116				(3'Lx2'Dx2'10"H) Base cabinet. (24 EA)	204	203.76	SF							
117				(11'10"Lx2'Dx2'10"H) Base cabinet. (1 EA)	33	33.4789	SF							
118				(4'9"Lx2'Dx2'10"H) Base cabinet. (1 EA)	13	13.4425	SF							
119				(1'7"Lx2'Dx2'10"H) Base cabinet. (1 EA)	48	48.11	SF							
120				(18'9"Lx2'Dx2'10"H) Base cabinet. (1 EA)	53	53.0625	SF							
121				(5'Lx2'Dx2'10"H) Base cabinet. (1 EA)	14	14.15	SF							
122				(12'7"Lx2'Dx2'10"H) Base cabinet. (1 EA)	36	35.6014	SF							
123				(4'10"Lx2'Dx2'10"H) Base cabinet. (4 EA)	55	54.6756	SF							
124				(9'Lx2'Dx2'10"H) Base cabinet. (2 EA)	51	50.94	SF							
125				(10'10"Lx2'Dx2'10"H) Base cabinet. (2 EA)	61	61.2978	SF							
126				(4'10"Lx1'Dx2'6"H) Wall cabinet. (4 EA)	48	48.3	SF							
127				(9'Lx1'Dx2'6"H) Wall cabinet. (2 EA)	45	45	SF							
128				(10'10"Lx1'Dx2'6"H) Wall cabinet. (2 EA)	54	54.15	SF							
129				(1'7'Lx1'Dx2'6"H) Wall cabinet. (1 EA)	43	42.5	SF							
130				(11'4"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	28	28.325	SF							
131				(11'10"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	30	29.575	SF							
132				(4'9"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	12	11.875	SF							
133				(5'Lx1'Dx2'6"H) Wall cabinet. (1 EA)	13	12.5	SF							
134				(18'9"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	47	46.875	SF							
				Subtotal										
			070000	DIVISION 07 - THERMAL AND MOISTURE PROTECTION										
135	A101 TO			ROOFING										
136	A201			(MIN R-30) Rigid insulation.	12355	12351.51	SF							
137				Asphalt shingle	12355	12351.51	SF							
				Standing seam metal roofing system	1490	1486.4	SF							
138	A-101 &			GWB FURRING WALL (1047 LF):										
	A-103			(1-1/2") Rigid insulation board.	13705	13704.486	SF							
139	A-101 &			GWB WALL W/ INSULATION (84 LF):										
	A-103			(3-1/2") Batt insulation.	1450	1448.1722	LF							
				Subtotal										
			080000	DIVISION 08 - OPENING										
140	A101 TO			Pre finished aluminum awning.	145	144.8	SF							
	A201													
			082100	WOOD DOORS										
141	A101 TO			(3'-0" W x 7'-0" H) Wood door & frame. (58 EA)	1218	1218	SF							
142	A201			(6'-0" W x 7'-0" H) Wood door & frame. (5 EA)	210	210	SF							
			084200	FIRE RATED STEEL FRAMED ENTRANCES AND STOREFRONTS										
143				(11'0"Wx22'6"H) Aluminum storefront. (2 EA)	525	525.15	SF							
144	A101 TO			(12'8"Wx10'8"H) Aluminum storefront. (1 EA)	135	135.1889	SF							
145	A201			(9'Wx10'H) Aluminum storefront. (1 EA)	90	90	SF							
146				(8'Wx10'H) Aluminum storefront. (2 EA)	160	160	SF							

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								MHrs/ Unit	\$/Hour	(\$Per Unit)				
147				(12Wx10"H) Aluminum storefront. (3 EA)	360	360	SF							
			085113	ALUMINUM WINDOWS										
148	A101 TO A201			(4'3"Wx10'6"H) Aluminum window. (28 EA)	1250	1249.5	SF							
149				(5'4"Wx13'4"H) Aluminum window. (2 EA)	145	142.0978	SF							
150				(3'8"Wx16'10"H) Aluminum window. (1 EA)	62	61.7661	SF							
			087100	FINISH HARDWARE										
151	A101 TO A201			Door hardware. (63 EA)	63	63	SET							
				Subtotal										
			090000	DIVISION 09 - FINISHES										
152	A101 TO A201			Cooler/ Freezer panel ceiling panels.	190	189.84	SF							
153				Beige brick W/ Red brick accents.	8407	8406.6637	SF							
154				Exterior wall stucco finish.	4629	4628.905	SF							
155				(8"x8") Pre-Cast concrete molding.	1308	1307.71	LF							
156				Prefinished aluminum cap flashing over continuous cleat.	783	782.79	LF							
			092600	GYPSON BOARD ASSEMBLIES										
157	A-101 & A-103			GWBFURRING WALL (1047 LF): (5/8", 1-Layer) Gyp. Bd. one side.	13705	13704.486	SF							
158	A-101 & A-103			GWBFURRING WALL (121 LF): (5/8", 1-Layer) Gyp. Bd. one side.	1695	1692.8779	SF							
159	A-101 & A-103			GWBFURRING WALL (22 LF): (5/8", 1-Layer) Gyp. Bd. one side.	275	272.06598	SF							
160	A-101 & A-103			GWBWALL (1075 LF): (5/8", 1-Layer) Gyp. Bd. both side.	30835	30833.502	SF							
161	A-101 & A-103			GWBWALL W/ INSULATION (84 LF): (5/8", 1-Layer) Gyp. Bd. both side.	2900	2896.3443	SF							
162	A-101 & A-103			GWBWALL (46 LF): (5/8", 1-Layer) Gyp. Bd. both side.	1380	1380.5486	SF							
163	A-101 & A-103			GWBLUKHEAD WALL (441 LF): (5/8", 1-Layer) Gyp. Bd. one side.	450	441	SF							
164	A101 TO A201			GWBC EILING GWB ceiling.	4500	4500.3848	SF							
			093100	CERAMIC / PORCELAIN TILING										
165	A101 TO A201			Ceramic floor tile.	860	857.01	SF							
			095100	ACOUSTICAL CEILINGS										
166	A101 TO A201			Acoustical ceiling.	13505	13504.5	SF							
			096000	FLOORING										
167	A101 TO A201			Concrete paver.	7818	7818.25	SF							
168				Luxury vinyl tile floor. (Assumed)	17335	17332.16	SF							
169				(4" H) Wall base.	3405	3404.14	LF							
			099100	PAINTING										
170	A-101 & A-103			GWBW Wall paint.	49240	49240	SF							
171				CMU Wall paint.	6145	6142	SF							
172				GWBC Ceiling paint.	4500	4500.3848	SF							
173				Expose structure paint.	9442	9442	SF							
174				Exterior wall stucco paint.	4629	4628.905	SF							
175				(42" H) Hand rail paint.	200	197.46	LF							
176				(42" H) Guard rail paint.	55	52.63	LF							
177				Door & frame paint Door paint. (2856 SF)	63	63	EA							
178				Frame paint. (386 SF)	63	63	EA							
				Subtotal										
			100000	DIVISION 10 - SPECIALTIES										
179				Elevator (2-Stops)	1	1	EA							
180				Urinal screen	2		LF							
181				RR Compartment wall	68		LF							
			108100	TOILET AND BATH ACCESSORIES										
182				Coat hook.	8		EA							
183				Tissue paper dispenser.	10		EA							
184				Soap dispenser	12		EA							
185				(2'-6"W x 3'-0" H) Mirror	12		EA							
186				(18") S.S Grap bar.	8		EA							
187				(36") S.S Grap bar.	8		EA							
188				(42") S.S Grap bar.	8		EA							
				Subtotal										
			110000	DIVISION 11 - EQUIPMENT										
189				Refrigerator	1	1	EA							
190				MICROWAVE OVEN (Assumed)	1		EA							
				Subtotal										
			120000	DIVISION 12 - FURNISHING										
191				LOCKERS	140	1	EA							
192				LOBBY SINGLE SOFA	4	4	EA							
193				OFFICE CHAIR	2	2	EA							
194				(2'8"Wx5') OFFICE TABLE W/ 2 CHAIRS	3	3	EA							
195				(2'Wx5'2") OFFICE TABLE W/ CHAIR	3	3	EA							
196				(1'6"Wx6') OFFICE TABLE	3	3	EA							
197				ROUND DINNING TABLE W/ 4 CHAIRS	1	1	EA							
198				(2'x12) CONFERENCE TABLE W/ 4 CHAIRS	2	2	EA							
199				(2'x6) CONFERENCE TABLE W/ 2 CHAIRS	1	1	EA							
200				CLINIC SOFA	2	2	EA							
201				(4'4"x2) CLINIC BENCH	1	1	EA							
202				(15'x4) BREAK ROOMTABLE W/ 8 CHAIRS	1	1	EA							
203				(2'X2'5") BREAKROOM BENCH	1	1	EA							
204				CLASSROOM CHAIR	125	125	EA							
205				(2'6"x10') SCEINCE LAB TABLE W/ 4 CHAIRS	6	6	EA							
206				(5'x5'2") COLLAB TABLE W/ 4 CHAIRS	3	3	EA							
207				THREE SEAT SOFA COLLAB ROOM	2	2	EA							
208				SINGLE SOFA COLLAB ROOM	8	8	EA							
209				CLASSROOM ROUND TABLE W/ 6 CHAIRS	6	6	EA							
210				(2'6"x5) TEACHER TABLE	5	5	EA							
				Subtotal										
			150000	DIVISION 15 - HEATING, VENTILATING, AND AIR- CONDITIONING (HVAC)										
211				(VAV-2-3)- Variable Air Volume Terminal Unit, Manuf. Titus (DESV), Neck Size (4")	1	1	EA							
212				(VAV-2-2)- Variable Air Volume Terminal Unit, Manuf. Titus (DESV), Neck Size (4")	1	1	EA							
213				(VAV-2-4)- Variable Air Volume Terminal Unit, Manuf. Titus (DESV), Neck Size (4")	1	1	EA							

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								MHrs/ Unit	\$/Hour	(\$Per Unit)				
214				(VAV-2-12)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
215				(VAV-2-5)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
216				(VAV-2-6)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
217				(VAV-2-11)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
218				(VAV-1-10)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
219				(VAV-2-7)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
220				(VAV-2-8)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
221				(VAV-2-9)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
222				(VAV-2-1)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
223				(MS-2)- DX Minisplit, Manuf: Trane (4MXW8509A)	1	1	EA							
224				(CU-2)- DX Minisplit-Outdoor Unit, Manuf: Trane (4TXM6536A).	1	1	EA							
225				(VAV-1-7)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
226				(VAV-1-2)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
227				(VAV-1-3)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
228				(VAV-1-8)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
229				(VAV-1-6)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
229				(VAV-1-5)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
230				(VAV-1-1)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
231				(VAV-1-4)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
232				(MS-1)- DX Minisplit, Manuf: Trane (4MXW8509A)	1	1	EA							
232				(CU-1)- DX Minisplit-Outdoor Unit, Manuf: Trane (4TXM6536A).	1	1	EA							
233				(VAV-2-13)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
234				(AHU-1)- Air Handling Unit, Manuf: Trane (CSIA012)	1	1	EA							
235				(AHU-2)- Air Handling Unit, Manuf: Trane (CSIA012)	1	1	EA							
236				(ACCU-1)- Air-Cooled Condensing Unit, Manuf: Trane.	1	1	EA							
237				(ACCU-2)- Air-Cooled Condensing Unit, Manuf: Trane.	1	1	EA							
238				(EF-1)- Exhaust Fan, Manuf: Greenheck (G-099).	1	1	EA							
239				(EF-2)- Exhaust Fan, Manuf: Greenheck (G-099).	1	1	EA							
240				(EF-3)- Exhaust Fan, Manuf: Greenheck (G-099).	1	1	EA							
241				Louver Dormer	2		EA							
242				Connect To Existing Exhaust System	1	1	EA							
243				Install New Intake Air Louver. Connect To Existing System.	1	1	EA							
244				Allowances for air Diffusers, Grilles & dampers	1		LS							
245				Allowances for Metal ducts and accessories	1		LS							
				Subtotal										
			150000	DIVISION 15 - PLUMBING										
246				CONFERENCE ROOM SINK (Assumed)	1	1	EA							
247				BREAK ROOM SINK (Assumed)	1	1	EA							
248				CLASSROOM SINK (Assumed)	6	6	EA							
249				CLINIC SINK (Assumed)	1	1	EA							
250				Drinking fountain (Assumed)	1	1	EA							
251				Lavatory (Assumed)	2	2	EA							
252				Water closet (Assumed)	2	2	EA							
253				(WC-1)- Floor Mounted Water Closet, Battery Sensor Vitreous China, 1.28 Gallon, China-American - 2234.001.020, Flush Valve- American Standard- 6065121.002 Seat-Bemis - 1665-SS.	6	6	EA							
254				(WC-2)- Floor Mounted Water Closet, Battery Sensor Vitreous China, 1.28 Gallon, China-American - 3043.001.020, Flush Valve- American Standard- 6065121.002 Seat-Bemis - 1665-SS.	6	6	EA							
255				(L-1)- Self-Rimming Lavatory, Battery Sensor Faucet, Chine-American Standard- 0476-028, Faucet- T&S Brass- EC3100-4DP-VF05, Strain/Trap- MCGUIRE- 155A/8902, Supplies- MCGUIRE-2165CC.	4	4	EA							
256				(L-2)- Wall Hung Lavatory, Battery Sensor Faucet, Vitreous China Lavatory, (20"x18"), Punched For Single Hole.HW&CW Checks And Mechanical Mixing Valve. China-American Standard - 0355.012, Faucet Brass, EC3100-4DP-2125WC.	6	6	EA							
257				(U-1)- Wall Hung Urinal, Battery Sensor. Chine-American Standard - 6590125.020. Flush Valve- American Standard - 6063013-002.	1	1	EA							
258				(U-2)- Wall Hung Accessible Urinal, Battery Sensor. Chine-American Standard - 6590125.020. Flush Valve- American Standard - 6063013-002.	1	1	EA							
259				Exterior sanitary cleanout	1	1	EA							
260				10 Gal. 3kw Electric water heater	1	1	EA							
261				Thermal expansion tank - Amtrol ST-12	2	2	EA							
262				Vacuum relief valve	1	1	EA							
263				(1/2") calibrated balancing Valve w/ positive shutt-Off Armstrong	1	1	EA							
264				Recirculation pump	1	1	EA							
265				Thermostatic mixing valve set discharge - Powers - Model: LM491-1	1	1	EA							
266				Tank drain valve	1	1	EA							
267				(1-1/2") High Gal. steel pan	1	1	EA							
268				Temp & pressure relief valve	1	1	EA							
269				Check valve	5	5	EA							
270				Ball valve	4	4	EA							
271				Water heater stand - Oatey 34057	1	1	EA							
272				Caliberated balancing valve	1	1	EA							
273				Shutt off valve	38		EA							
274				Roof drain (Assumed)	4		EA							
275				Fire Sprinkler system	1		LS							
				DOMESTIC WATER PIPING										
				COPPER TYPE "L"										
276				(2"Dia) Domesting Cold Water Pipe	195	187.02	LF							
277				(1-1/2"Dia) Cold Water Pipe	65	60.64	LF							
278				(1"Dia) Cold Water Pipe	52		LF							
279				(3/4"Dia) Cold Water Pipe	40		LF							
280				(1/2"Dia) Cold Water Pipe	240		LF							

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S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	Calc.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
								MHrs/ Unit	\$/Hour	(\$Per Unit)				
356				DETECTABLE WARNING SURFACE	70	69.50	SF							
357				CONCRETE CURB (6"x18" ASSUMED)	875	872.30	LF							
358			321700	PAVEMENT MARKING										
359				HANDCAP PARKING SIGN	8		EA							
360				4"W PARKING STRIPES	695	694.10	LF							
				ARROW PAVEMENT MARKING	14		EA							
361			328000	IRRIGATION										
362				IRRIGATION PIPE LINE (2" DIA, PVC ASSUMED)	12	11.90	LF							
				IRRIGATION BACK FLOW PREVENTOR	1	1.00	EA							
			329000	PLANTING										
363				PARKING CANOPY TREE										
				LIVE OAK, 10"H, 2" DBH	29		EA							
364				PARKING ISLAND TREES										
365				SWEET BAY MANGOLIA, 8"H, 2" DBH	1		EA							
366				DAHON HOLLY, 8"H, 2" DBH	1		EA							
				EAST PALATKA HOLLY, 8"H, 2" DBH	1		EA							
367				BUFFER OVER STORY TREE										
368				MACROPHYL. PODOCARPUS, 8"H, 2" DBH	1		EA							
369				EAST PALATKA HOLLY, 10"H, 2" DBH	1		EA							
370				LIGUSTRUM LUCIDUM, 10"H, 2" DBH	1		EA							
				SOUTHERN REDCEDAR, 10"H, 2" DBH	1		EA							
371				BUFFER UNDER STORY TREE										
372				MYRTLE OAK, 8"H, 2" DBH	1		EA							
373				SOUTHERN REDCEDAR, 8"H, 2" DBH	1		EA							
374				SAND LIVE OAK, 8"H, 2" DBH	1		EA							
				SCRUBY HICKORY, 8"H, 2" DBH	1		EA							
375				LARGE SHRUB										
376				SILVER BUCKTHORN, 4H, 3 GAL @ 36" O.C.	1		EA							
377				SCRUBY HOLLY, 4H, 3 GAL @ 36" O.C.	1		EA							
378				RUSTY LYONIA, 4H, 3 GAL @ 36" O.C.	1		EA							
				SILK BAY, 4H, 3 GAL @ 36" O.C.	1		EA							
379				SMALL/MEDIUM SHRUB										
380				GARBERIA, 12"H	1		EA							
381				ST. JOHN'S WORT	1		EA							
382				SAW PALMETTO	1		EA							
				DWARF SHORE JUNIPER	1		EA							
				NOTE: QUANTITIES OF TREE & SHRUBS NOT GIVEN ON DRAWING EXCEPT PARKING CANOPY TREES, SO 1EA QTY. ASSUMED FOR OTHER TREE & SHRUBS FOR PRICING PROVISION										
383				CYPRESS MULCH @ NEW SHRUBS PLANTINGS	1		LS							
384				SOD ALL DISTURBED AREA WHERE NO TREE & SHRUBS PLANTED WITH BAHIA SOD	1		LS							
				Subtotal										
			330000	UTILITIES										
			331000	WATER UTILITIES										
385				2" SCH 40 PVC WATER SERVICE	110	108.90	LF							
386				2" GATE VALVE	2	2.00	EA							
387				6"x2" WET TAP	1	1.00	EA							
388				2" WATER METER	2	2.00	EA							
389				RPZ BFP: BACK FLOW PREVENTOR	1	1.00	EA							
				FIRE										
390				UNDERGROUND FIRE LINE & RISER (4" PVC ASSUMED)	93	92.50	LF							
391				AUTOMATIC FIRE SPRINKLER SYSTEM WET TAP	1	1.00	EA							
392				DDCV BFP: BACK FLOW PREVENTOR	1	1.00	EA							
393				FIRE DEPARTMENT CONNECTION (FDC)	1	1.00	EA							
394				EXCAVATION	40		CY							
395				BEDDING	5		CY							
396				TRENCH SPOIL EXPORT	1		CY							
397				BACK FILLING	35		CY							
			331000	SANITARY SEWER										
398				6" SDR-26 PVC SANITARY SEWER SERVICE	140	139.40	LF							
399				CLEANOUT	3		EA							
400				SAWCUT ROADWAY	106	106.00	LF							
401				OPEN CUT AND REPAIR ROADWAY	431	430.20	SF							
402				VERIFY AND INSTALL SEWER TAP	1		EA							
403				EXCAVATION	63		CY							
404				BEDDING	9		CY							
405				TRENCH SPOIL EXPORT	1		CY							
406				BACK FILLING	53		CY							
			331000	STORM DRAINAGE										
407				STORMTECH OUTFALL TO SW OR NW (6" DIA, PVC ASSUMED)	516	515.30	LF							
408				STORMTECH CHAMBERS DRAINAGE SYSTEM AREA (11600 SF)	1	11596.50	LS							
409				EXCAVATION	188		CY							
410				BEDDING	24		CY							
411				TRENCH SPOIL EXPORT	1		CY							
412				BACK FILLING	164		CY							
			337000	ELECTRICAL UTILITIES										
413				SITE LIGHTING: FOR PARKING AND LOADING AREAS DESIGNATED OR INTENDED FOR PUBLIC USE	1		LS							
				Subtotal										
				DEDUCT ALTERNATE BID										
			020000	DIVISION 02 - EXISTING CONDITIONS										
			020700	SELECTIVE REMOVALS AND DEMOLITION										
414				(8" THK) Remove existing CMU Wall.	35	30.73	SF							
				Subtotal										
			022000	EARTHWORK										
415				Footing excavation.	6955	6954	CF							
416				Footing backfill.	2820	2817	CF							
417				Surplus export material.	4135		CF							
			029000	LANDSCAPING										
418				Mulch	1242	1242.48	SF							
				Subtotal										
			030000	DIVISION 03 - CONCRETE										
			033000	CAST IN PLACE CONCRETE										
419				(1'6"x1'H) TYPE WF1.0, CONCRETE FOOTING										
				Compaction of sub-grade.	270	268.7	SF							
420				Formwork.	270	268.7	SF							
421				Rebar's (Grade 60)	325	323.2	LB							
422				Concrete footing. (F _c = 3000 PSI)	202	201.525	CF							
				(3'Wx1'H) TYPE WF3.0, CONCRETE FOOTING										
423				Compaction of sub-grade.	1925	1922.795	SF							

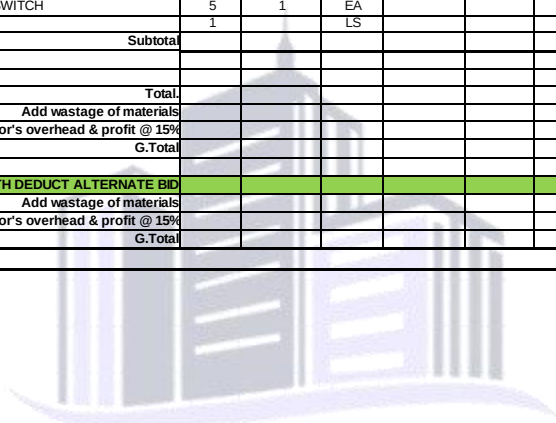
S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	Calc.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
								MHrs/ Unit	\$/Hour	(\$Per Unit)				
424	S-101			Formwork.	1100	1098.74	SF							
425				Rebar's (Grade 60)	2640	2636.8	LB							
426				Concrete footing. (fc = 3000 PSI)	1648	1648.11	CF							
	S-101			(4'SQ.x1'4"H) TYPE F4.0, CONCRETE FOOTING PAD (2 EA)										
427				Compaction of sub-grade.	40	40.5	SF							
428				Formwork.	43	42.656	SF							
429				Rebar's (Grade 60)	70	68.8	LB							
430				Concrete footing. (fc = 3000 PSI)	43	42.656	CF							
	S-101			(5'SQ.x1'4"H) TYPE F5.0, CONCRETE FOOTING PAD (1 EA)										
431				Compaction of sub-grade.	30	30.25	SF							
432				Formwork.	34	33.325	SF							
433				Rebar's (Grade 60)	55	54.4	LB							
434				Concrete footing. (fc = 3000 PSI)	34	33.325	CF							
	S-101			(6'SQ.x1'4"H) TYPE F6.0, CONCRETE FOOTING PAD (5 EA)										
435				Compaction of sub-grade.	215	211.25	SF							
436				Formwork.	240	239.94	SF							
437				Rebar's (Grade 60)	385	384	LB							
438				Concrete footing. (fc = 3000 PSI)	240	239.94	CF							
	S-101			(7'SQ.x1'8"H) TYPE F7.0, CONCRETE FOOTING PAD (3 EA)										
439				Compaction of sub-grade.	170	168.75	SF							
440				Formwork.	245	244.902	SF							
441				Rebar's (Grade 60)	392	392	LB							
442				Concrete footing. (fc = 3000 PSI)	245	244.902	CF							
	S-101			(8'SQ.x2'H) TYPE F8.0, CONCRETE FOOTING PAD (4 EA)										
443				Compaction of sub-grade.	290	289	SF							
444				Formwork.	512	512	SF							
445				Rebar's (Grade 60)	900	896	LB							
446				Concrete footing. (fc = 3000 PSI)	512	512	CF							
	S-101			ELEVATOR CONCRETE FOOTING PAD (1 EA)										
447				Compaction of sub-grade.	140	140	SF							
448				Formwork.	56	55.986	SF							
449				Rebar's (Grade 60)	280	276.975	LB							
450				(16" THK) Elevator concrete pad. (fc = 3000 PSI)	150	147.68307	CF							
	S-101			CONCRETE COLUMN (8 EA)										
451				Formwork.	612	611.50311	SF							
452				Rebar's (Grade 60)	505	503.75	LB							
453				(8"x24") Concrete Column. (fc = 3000 PSI)	155	152.70048	CF							
	S-101			CONCRETE BEAM										
454				Formwork.	2515	2511.07	SF							
455				Rebar's (Grade 60)	545	542.75	LB							
456				(8"x24") Concrete beam. (fc = 3000 PSI)	155	830.14236	CF							
457				(8"x36") Concrete beam. (fc = 3000 PSI)	12	12.0879	CF							
	S-101			CONCRETE WALL										
458				Formwork.	344	343.74918	SF							
459				Rebar's (Grade 60)	475	471.25	LB							
460				(8" THK) Concrete wall. (fc = 3000 PSI)	145	143.50608	CF							
	S-101			SLAB ON GRADE										
461				Compaction of sub-grade.	13840	13835.85	SF							
462				(12" THK) Compacted fill.	13840	13835.85	SF							
463				(10 MIL) Vapor barrier.	13840	13835.85	SF							
464				Rebar's (Grade 60)	20755	20753.775	LB							
465			(4" THK) Slab on grade. (fc = 3000 PSI)	13840	13835.85	SF								
	S-101			STAIR										
466				Rebar's (Grade 60)	300	292.5	LB							
467				(6" THK) Stair slab & steps. (fc = 3000 PSI)	130	128.62	SF							
468	S-101 &			(1-1/2" THK) Metal pan stair concrete.	875	872.63	SF							
469	S-102			Composite deck w/ (3" THK) Lightweight concrete. (fc = 3000 PSI)	27520	27516.87	SF							
				Subtotal										
			042000	UNIT MASONRY										
				CMU WALL										
470				Rebar's (Grade 60)	20855	20854.537	LB							
471				(8" THK) CMU Wall	18135	18134.38	SF							
				Subtotal										
			050000	DIVISION 05 - METAL										
			051200	STRUCTURAL STEEL										
472	S-101 to S-104			(14"x14"x1-1/4") Steel plate. (15 EA)	1040	1040.0603	LB							
473				HSS6x6x3/8 (30 EA)	11816	11816.125	LB							
474				W8x18	15110	15110.28	LB							
475				W10x19	12185	12184.51	LB							
476				W12x19	34319	34318.75	LB							
477				W12x14	346	346.08	LB							
478				W14x22	18823	18823.2	LB							
479				W14x26	1153	1152.84	LB							
480				W16x26	10566	10566.14	LB							
481				W16x31	5847	5846.29	LB							
482				W16x40	871	870.8	LB							
483				W21x44	9998	9997.24	LB							
484				W21x62	5265	5265.04	LB							
485				W16x31	1338	1337.65	LB							
486				W18x35	9774	9773.75	LB							
487				W18x40	3106	3106	LB							
488				W24x55	1990	1989.9	LB							
489				W24x68	17076	17075.48	LB							
490				L5x3x1/4	1640	1639.36	LB							
491		A-121 to A-122			(3-5/8") Bulkhead soffit framing.	4330	4325.7772	LF						
492				(6") Bulkhead soffit framing.	60	59.34	LF							
	A-101 & A-103			GWB FURRING WALL (994 LF):										
493				(1-1/2") (25 GA.) ZEE Furring @ 16" O.C	10875	10873.052	LF							
494				(1-1/2") Top & bottom track.	1988	1988	LF							
	A-101 & A-103			GWB FURRING WALL (115 LF):										
495				(3-5/8") 20 GA. Metal furring stud @ 16" O.C	1230	1229.1278	LF							
496				(3-5/8") 20 GA. Top & bottom track.	230	230	LF							
	A-101 & A-103			GWB FURRING WALL (22 LF):										
497				(6") 20 GA. Metal furring stud @ 16" O.C	220	216.43351	LF							
498				(6") 20 GA. Top & bottom track.	44	44	LF							
	A-101 & A-103			GWB WALL (1056 LF):										
499				(3-5/8") 20 GA. Metal stud @ 16" O.C	11405	11404.463	LF							
500				(3-5/8") 20 GA. Top & bottom track.	2112	2112	LF							
	A-101 & A-103			GWB WALL W/ INSULATION (117 LF):										
501				(3-5/8") 20 GA. Metal stud @ 16" O.C	1540	1537.1237	LF							
502				(3-5/8") 20 GA. Top & bottom track.	234	234	LF							
	A-101 &			GWB WALL (64 LF):										

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	Calc.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
								MHrs/ Unit	\$/Hour	(\$Per Unit)				
503	A-103			(6") 20 GA. Metal stud @ 16" O.C	665	660.93202	LF							
504				(6") 20 GA. Top & bottom track.	108	108	LF							
505	S-101 to S-104		053000	METAL DECK										
506				(1-1/2" THK) Metal pan stair.	875	872.63	SF							
			055000	(1.5VL) 20 GA. Composite deck.	27520	27516.87	SF							
				METAL FABRICATIONS										
507				MISC. ITEMS.	1		LS							
			057000	ORNAMENTAL METAL										
508	A101 TO A201			(42" H) Hand rail.	200	193.71	LF							
509				(42" H) Guard rail.	55	52.63	LF							
510				(7'H) Decorative fence.	186	185.54	LF							
				Subtotal										
			060000	DIVISION 06 - WOOD, PLASTIC AND COMPOSITES										
			061000	ROUGH CARPENTRY										
511	S-104			(5/8") CDX Plywood roof sheathing.	1480	1477.95	SF							
			064100	ARCHITECTURAL WOOD CASEWORK										
512	A101 TO A201			(11'4"Lx2'Dx21'0"H) Base cabinet. (1 EA)	32	32.0639	SF							
513				(3'Lx2'Dx2'10"H) Base cabinet. (24 EA)	204	203.76	SF							
514				(11'10"Lx2'Dx2'10"H) Base cabinet. (1 EA)	33	33.4789	SF							
515				(4'9"Lx2'Dx2'10"H) Base cabinet. (1 EA)	13	13.4425	SF							
516				(1'7"Lx2'Dx2'10"H) Base cabinet. (1 EA)	48	48.11	SF							
517				(1'6"Lx2'Dx2'10"H) Base cabinet. (1 EA)	45	45.28	SF							
518				(5'10"Lx2'Dx2'10"H) Base cabinet. (1 EA)	16	16.4989	SF							
519				(1'1"Lx2'Dx2'10"H) Base cabinet. (1 EA)	31	31.13	SF							
520				(14'2"Lx2'Dx2'10"H) Base cabinet. (1 EA)	40	40.0728	SF							
521				(14'2"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	35	35.4	SF							
522				(1'6"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	40	40	SF							
523				(5'10"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	15	14.575	SF							
524				(18'9"Lx2'Dx2'10"H) Base cabinet. (1 EA)	53	53.0625	SF							
525				(5'Lx2'Dx2'10"H) Base cabinet. (1 EA)	14	14.15	SF							
526				(12'7"Lx2'Dx2'10"H) Base cabinet. (1 EA)	36	35.6014	SF							
527				(4'10"Lx2'Dx2'10"H) Base cabinet. (4 EA)	55	54.6756	SF							
528				(9'Lx2'Dx2'10"H) Base cabinet. (2 EA)	51	50.94	SF							
529				(10'10"Lx2'Dx2'10"H) Base cabinet. (2 EA)	61	61.2978	SF							
530				(4'10"Lx1'Dx2'6"H) Wall cabinet. (4 EA)	48	48.3	SF							
531				(10'10"Lx1'Dx2'6"H) Wall cabinet. (2 EA)	54	54.15	SF							
532				(1'7"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	43	42.5	SF							
533				(1'14"Lx1'Dx2'6"H) Wall cabinet. (2 EA)	57	56.65	SF							
534				(1'110"Lx1'Dx2'6"H) Wall cabinet. (1 EA)	30	29.575	SF							
535				(5'Lx1'Dx2'6"H) Wall cabinet. (1 EA)	13	12.5	SF							
				Subtotal										
			070000	DIVISION 07 - THERMAL AND MOISTURE PROTECTION										
				ROOFING										
536	A101 TO A201			(MIN.R-30) Rigid insulation.	12355	12351.51	SF							
537				Asphalt shingle	12355	12351.51	SF							
538	A-101 & A-103			Standing seam metal roofing system	1490	1486.4	SF							
539				GWBFURRING WALL (994 LF): (1-1/2") Rigid insulation board.	12840	12836.026	SF							
540				GWBWALL W/ INSULATION (117 LF): (3-1/2") Batt insulation.	2025	2025.881	LF							
				Subtotal										
			080000	DIVISION 08 - OPENING										
541	A101 TO A201			Pre finished aluminum awning.	145	144.8	SF							
			082100	WOOD DOORS										
542	A101 TO A201			(3'-0" W x 7'-0" H) Wood door & frame. (56 EA)	1176	1176	SF							
543				(6'-0" W x 7'-0" H) Wood door & frame. (4 EA)	168	168	SF							
			084200	FIRE RATED STEEL FRAMED ENTRANCES AND STOREFRONTS										
544	A101 TO A201			(11'8"Wx22'6"H) Aluminum storefront. (2 EA)	525	525.15	SF							
545				(12'8"Wx10'8"H) Aluminum storefront. (1 EA)	135	135.1889	SF							
546				(9'Wx10'H) Aluminum storefront. (1 EA)	90	90	SF							
547				(8'Wx10'H) Aluminum storefront. (2 EA)	160	160	SF							
548				(5'3'Wx9'H) Aluminum storefront. (1 EA)	50	47.25	SF							
549				(12'Wx10'H) Aluminum storefront. (3 EA)	360	360	SF							
			085113	ALUMINUM WINDOWS										
550	A101 TO A201			(4'3"Wx10'6"H) Aluminum window. (28 EA)	1250	1249.5	SF							
551				(5'4"Wx13'4"H) Aluminum window. (1 EA)	71	71.0489	SF							
552				(3'8"Wx16'10"H) Aluminum window. (1 EA)	62	61.7661	SF							
			087100	FINISH HARDWARE										
553	A101 TO A201			Door hardware. (60 EA)	60	1	SET							
				Subtotal										
			090000	DIVISION 09 - FINISHES										
554	A101 TO A201			Cooler/ Freezer panel ceiling panels.	190	189.84	SF							
555				Beige brick W/ Red brick accents.	8407	8406.6637	SF							
556				Exterior wall stucco finish.	4629	4628.905	SF							
557				(8"x8") Pre-Cast concrete molding.	1308	1307.71	LF							
558				Prefinished aluminum cap flashing over continuous cleat.	783	782.79	LF							
			092600	GYPSUM BOARD ASSEMBLIES										
559	A-101 & A-103			GWBFURRING WALL (994 LF): (5/8", 1-Layer) Gyp. Bd. one side.	12840	12836.026	SF							
560	A-101 & A-103			GWBFURRING WALL (115 LF): (5/8", 1-Layer) Gyp. Bd. one side.	1600	1599.993	SF							
561	A-101 & A-103			GWBFURRING WALL (22 LF): (5/8", 1-Layer) Gyp. Bd. one side.	275	272.06598	SF							
562	A-101 & A-103			GWBWALL (1056 LF): (5/8", 1-Layer) Gyp. Bd. both side.	30300	30296.77	LF							
563	A-101 & A-103			GWBWALL W/ INSULATION (117 LF): (5/8", 1-Layer) Gyp. Bd. both side.	4050	4051.7621	LF							
564	A-101 & A-103			GWBWALL (54 LF): (5/8", 1-Layer) Gyp. Bd. both side.	1645	1641.187	LF							
565	A-101 & A-103			GWBBLKHEAD WALL (441 LF): (5/8", 1-Layer) Gyp. Bd. one side.	450	441	SF							
566	A101 TO A201			GWBCELING GWB ceiling.	4220	4216.12	SF							
			093100	CERAMIC / PORCELAIN TILING										
567	A101 TO A201			Ceramic floor tile.	860	857.01	SF							
			095100	ACOUSTICAL CEILINGS										
568	A101 TO A201			Acoustical ceiling.	13695	13692	SF							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	Calc.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
								MHrs/ Unit	\$/Hour	(\$Per Unit)				
			096000	FLOORING										
569	A101 TO A201			Concrete paver.	7818	7818.25	SF							
570				Luxury vinyl tile floor. (Assumed)	17335	17332.16	SF							
571				(4" H) Wall base.	3405	3404.14	LF							
			099100	PAINTING										
572	A-101 & A-103			GWB Wall paint.	49160	49160	SF							
573				CMU Wall paint.	5770	5769	SF							
574				GWB Ceiling paint.	4220	4216.12	SF							
575				Expose structure paint.	9820	9816.61	SF							
576				Exterior wall stucco paint.	4630	4628.905	SF							
577				(42" H) Hand rail paint.	194	193.71	LF							
578				(42" H) Guard rail paint.	53	52.63	LF							
				Door & frame paint										
579				Door paint. (2688 SF)	60	60	EA							
580				Frame paint. (363 SF)	60	60	EA							
				Subtotal										
			100000	DIVISION 10 - SPECIALTIES										
581				Elevator (2-Stops)	1	1	EA							
582				Urinal screen	2		LF							
583				RR Compartment wall	68		LF							
			108100	TOILET AND BATH ACCESSORIES										
584				Coat hook.	9		EA							
585				Tissue paper dispenser.	11		EA							
586				Soap dispenser	13		EA							
587				(2'-6" W x 3'-0" H) Mirror	13		EA							
588				(18") S.S Grap bar.	9		EA							
589				(36") S.S Grap bar.	9		EA							
590				(42") S.S Grap bar.	9		EA							
				Subtotal										
			110000	DIVISION 11 - EQUIPMENT										
591				Refrigerator	1	1	EA							
592				MICROWAVE OVEN (Assumed)	1		EA							
				Subtotal										
			120000	DIVISION 12 - FURNISHING										
593				LOCKERS	140	1	EA							
594				LOBBY SINGLE SOFA	4	4	EA							
595				OFFICE CHAIR	2	2	EA							
596				(2'8"Wx5') OFFICE TABLE W/ 2 CHAIRS	3	3	EA							
597				(2'Wx5'2") OFFICE TABLE W/ CHAIR	3	3	EA							
598				(1'6"Wx6') OFFICE TABLE	3	3	EA							
599				ROUND DINNING TABLE W/ 4 CHAIRS	1	1	EA							
600				(2'x12') CONFERENCE TABLE W/ 4 CHAIRS	2	2	EA							
601				(2'x6') CONFERENCE TABLE W/ 2 CHAIRS	1	1	EA							
602				CLINIC SOFA	2	2	EA							
603				(4'4"x2') CLINIC BENCH	1	1	EA							
604				(15'x4') BREAK ROOMTABLE W/ 8 CHAIRS	1	1	EA							
605				(2'X2'5") BREAKROOM BENCH	1	1	EA							
606				CLASSROOM CHAIR	125	125	EA							
607				(2'6"x10') SCEINCE LAB TABLE W/ 4 CHAIRS	6	6	EA							
608				(5'x5'2") COLLAB TABLE W/ 4 CHAIRS	3	3	EA							
609				THREE SEAT SOFA COLLAB ROOM	2	2	EA							
610				SINGLE SOFA COLLAB ROOM	8	8	EA							
611				CLASSROOM ROUND TABLE W/ 6 CHAIRS	6	6	EA							
612				(2'6"x5') TEACHER TABLE	5	5	EA							
				Subtotal										
			150000	DIVISION 15 - HEATING, VENTILATING, AND AIR- CONDITIONING (HVAC)										
613				(VAV-2-3)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
614				(VAV-2-2)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
615				(VAV-2-4)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
616				(VAV-2-12)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
617				(VAV-2-5)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
618				(VAV-2-6)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
619				(VAV-2-11)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
620				(VAV-1-10)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
621				(VAV-2-7)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
622				(VAV-2-8)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
623				(VAV-2-9)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
624				(VAV-2-1)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
625				(MS-2)- DX Minisplit, Manuf: Trane (4MXW8509A)	1	1	EA							
626				(VAV-1-7)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
627				(VAV-1-2)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
628				(VAV-1-3)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
629				(VAV-1-8)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
630				(VAV-1-6)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
631				(VAV-1-5)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
632				(VAV-1-1)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
633				(VAV-1-4)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
634				(MS-1)- DX Minisplit, Manuf: Trane (4MXW8509A)	1	1	EA							
635				(VAV-2-13)- Variable Air Volume Terminal Unit, Manuf: Titus (DESV), Neck Size (4")	1	1	EA							
636				(AHU-1)- Air Handling Unit, Manuf: Trane (CSIA012)	1	1	EA							
637				(AHU-2)- Air Handling Unit, Manuf: Trane (CSIA012)	1	1	EA							
638				(CU-1)- DX Minisplit-Outdoor Unit, Manuf: Trane (4TXM6536A).	1	1	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	Calc.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
								MHrs/ Unit	\$/Hour	(\$Per Unit)				
639				(CU-2)- DX Minisplit-Outdoor Unit, Manuf: Trane (4TXM6536A).	1	1	EA							
640				(EF-1)- Exhaust Fan, Manuf: Greenheck (G-099).	1	1	EA							
641				(EF-2)- Exhaust Fan, Manuf: Greenheck (G-099).	1	1	EA							
642				(EF-3)- Exhaust Fan, Manuf: Greenheck (G-099).	1	1	EA							
643				(ACCU-1)- Air-Cooled Condensing Unit, Manuf: Trane.	1	1	EA							
644				(ACCU-2)- Air-Cooled Condensing Unit, Manuf: Trane.	1	1	EA							
645				Louver Dormer	2		EA							
646				Connect To Existing Exhaust System	1	1	EA							
647				Install New Intake Air Louver. Connect To Existing System.	1	1	EA							
648				Allowances for air Diffusers, Grilles & dampers	1		LS							
649				Allowances for Metal ducts	1		LS							
				Subtotal										
												</		

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	Calc.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
								MHrs/ Unit	\$/Hour	(\$Per Unit)				
714				GFCI Receptacle With Weatherproof Cover	3	3	EA							
715				(6") LED can, Recessed, Surface Ceiling	44	44	EA							
716				(16')- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	2	2	EA							
717				(14')- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	2	2	EA							
718				(8'L)- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	16	16	EA							
719				(6')- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	3	3	EA							
720				(24')- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	1	1	EA							
721				(16')- Linear LED, Recessed, Pendant Surface Ceiling.	2	2	EA							
722				(4')- Linear LED, Recessed, Pendant Or Surface Ceiling.	3	3	EA							
723				(28')- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	2	2	EA							
724				(23')- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	2	2	EA							
725				(12'L)- Linear Fluorescent, LED, Recessed, Pendant Or Surface Ceiling.	2	2	EA							
726				(2x2) LED Or Fluorescent Fixture, Recessed, Surface Ceiling	8	8	EA							
727				Collab room pendants	4	4	EA							
728				Tele/data outlet	8	8	EA							
729				Floor mntd junction box	1	1	EA							
730				MDP - Main distribution panel - 800A, 277/480V, 3-PH, 4W	1	1	EA							
731				Surge protection device	10	10	EA							
732				LDP - distribution panel, 277/480v, 3Ph, 4W, 600A	1	1	EA							
733				Transformer, 150KVA, 480v-120/208v	1	1	EA							
734				Electric panel, 125A	2	2	EA							
735				Electric panel, 250A	1	1	EA							
736				Electric panel, 100A	3	3	EA							
737				Electric panel, 225A	2	2	EA							
738				Time clock/ Motor starter	1	1	EA							
739				Thermostat	3	3	EA							
740				MOTORIZED SWITCH	4		EA							
741				NON FUSED DISCONNECT SWITCH	5	1	EA							
742				WIRING & CONDUIT	1		LS							
				Subtotal										
				Total										
				Add wastage of materials										
				Add Contractor's overhead & profit @ 15%										
				G.Total										
				TOTAL WITH DEDUCT ALTERNATE BID										
				Add wastage of materials										
				Add Contractor's overhead & profit @ 15%										
				G.Total										



99 ESTIMATORS

EXCAVATION & BEDDING

DESCRIPTION	Length	Unit	Dia of pipe	Trench width	EXC DEPTH	EXCAVATION QTY	BEDDING DEPTH	BEDDING QTY	Pipe volume	NET BEDDING	BACK FILLING
WATER UTILITIES											
2", SCH 40, PVC WATER SERVICE	110	LF	0.25	2.75	3.58	1083.86	0.46	138.55	2.70	135.85	945.31
Total (CY)						40.14		5.13	0.10	5.03	35.01
SAN SEWRAGE											
6" SDR-26 PVC SANITARY SEWER SERVICE	140	LF	0.58	3.08	3.92	1690.22	0.62	269.55	18.68	250.87	1420.68
Total (CY)						62.60		9.98	0.69	9.29	52.62
DRAINAGE											
STORMTECH OUTFALL TO SW OR NW (6" DIA, PVC ASSUMED)	516	LF	0.25	2.75	3.58	5084.28	0.46	649.90	12.66	637.24	4434.38
Total (CY)						188.31		24.07	0.47	23.60	164.24



99 ESTIMATORS