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EXCHANGE II

2925 BUFORD DRIVE, BUFORD, GA 30519

OWNER

ARCHITECT

ADDENDA

Addendum Issued: NONE

Please review any Addendum issued after Date
01/29/21

ID: -1067

BIDDER NAME: _____



S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	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							
6				PROJECT SCHEDULE	1	LS							
7				CLOSEOUT PROCEDURES	1	LS							
8				PERMITS	1	LS							
				Subtotal									
024000				DEMOLITION									
9	C1-00			REMOVE EXISTING STORM STRUCTURE	4	EA							
10				REMOVE STORM PIPE	102	LF							
11				REMOVE CURB & GUTTER	485	LF							
12				PROTECT EXISTING UTILITIES	28	EA							
13				REMOVE EXISTING WATER CAP AND CONNECT PROPOSED WATER LINE	4	EA							
14				PROTECT EXISTING WALL & FENCE	487	LF							
15				REMOVE EXISTING SANITARY SEWER MANHOLE	1	EA							
16				REMOVE EXISTING SAN SEWER PIPE	7	LF							
17				REMOVE CLEANOUT & CONVERT INTO SANITARY SEWER MANHOLE	2	EA							
18				REMOVE EXISTING FENCE	30	LF							
19				CONVERT EXISTING STORM STRUCTURES INTO JUNCTION BOX	3	EA							
20				SAWCUT ASPHALT	490	LF							
21				REMOVE ASPHALT PAVEMENT	126	SF							
				Subtotal									
310000				EARTHWORK									
22	C3-00			6" TOP SOIL STRIPPING	4424	CY							
23				6" TOP SOIL RE-SPREADING	1811	CY							
24				EXPORT SURPLUS TOP SOIL	2613	CY							
25				ROUGH GRDING PAVEMENT AREA									
26				CUT	56068	CY							
27				FILL	19401	CY							
				EXPORT SURPLUS CUT MATERIAL	36667	CY							
				Subtotal									
312500				ERROSION CONTROL									
28	C5-10 C5-20 C5-30			SD2-P: INLET SEDIMENTATION TRAP-CURB INLET PROTECTION	23	EA							
29				CO:CONSTRUCTION EXIT, FUEL STORAGE, TIRE WASHDOWN AREA & RIPRAP	5697	SF							
30				SD1-S: SILT FENCE-TYPE S	7673	LF							
31				DU:DUST CONTROL	360994	SF							
32				DS2:DISTURBED AREA STABILIZATION WITH TEMPORARY SEEDING	360994	SF							
33				DS1:DISTURBED AREA STABILIZATION WITH MULCHING ONLY	360994	SF							
34				DI:DIVERSION BERM	17269	SF							
35				FI-CO:FLOCCULANT COAGULANTS	24	EA							
36				SD4-C#1:TEMPORARY SEDIMENTATION BASIN (VREQ=71CY, VPROV=73CY)	1	EA							
37				SD4-C#2:TEMPORARY SEDIMENTATION BASIN (VREQ=172CY, VPROV=183 CY)	1	EA							
38				SD4-C#3:TEMPORARY SEDIMENTATION BASIN (VREQ=127CY, VPROV=134 CY)	1	EA							
39				SP:SAMPLING POINT	5	EA							
40				SD2-SS:INLET SEDIMENTATION TRAP-SILT SAVER	39	EA							
41				SD2-EX:INLET SEDIMENTATION TRAP-EXCAVATED INLET	10327	SF							
42				CD-HB:HAYBALE CHECK DAM	175	LF							
43				SD4-C#4:TEMPORARY SEDIMENTATION BASIN (VREQ=87CY, VPROV=94 CY)	1	EA							
44				SS:SOIL STABILIZATION	37428	SF							
				Subtotal									
320000				SITE IMPROVEMENT, SIDEWALK & PAVEMENTS									
45	C2-00 C2-40 C6-04			24" CONC CURB & GUTTER	1433	LF							
46		6/L5.3		STANDARD DUTY CONCRETE SIDEWALK:									
47				4" CONC. REINF. W/ 6X6 W2.9XW2.9 W.W.F	15679	SF							
				2"-3" COMACTED GAVEL OR CRUSHED STONE	15679	SF							
48			C6-01	HEAVY DUTY ASPHALT PAVEMENT:									
49				1.25" SURFACE-9.5MM SUPERPAVE-GP 2 ONLY	8747	SF							
50				1.75" BIDER-19MM SUPERPAVE- GP 1 OR 2	8747	SF							
51				8" GAB 98% MODIFIED PROCTOR	8747	SF							
52				12" COMPACTED SUBGRADE 98% STANDARD PROCTER DENSITY OF UPPER 12"	8747	SF							
53				5" CONCRETE SLAB REINF. W/#3@12" O.C. @ PARKING	98730	SF							
54				SLAB ON GRADE @ BUILDING PAD:									
55				4" POST TENTIONED SLAB	102704	SF							
56				VAPOR BARRIER	102704	SF							
57				2" SAND CUSHION	102704	SF							
58			C6-01	HEAVY DUTY CONCRETE PAVEMENT:									
59				6" CONC. 4000PSI, REINF. W/6"X6" WWF	1333	SF							
60				6" GAB 98% MODIFIED PROCTOR	1333	SF							
61				24" COMPACTED SUBGRADE 98% STANDARD PROCTER DENSITY OF UPPER 24"	1333	SF							
62			C6-01	STANDARD DUTY ASPHALT PAVEMENT:									
63				1.25" SURFACE-9.5MM SUPERPAVE-GP 2 ONLY	6107	SF							
64				4" BIDER-19MM SUPERPAVE- GP 2 ONLY	6107	SF							
65				10" GAB 98% MODIFIED PROCTOR	6107	SF							
66				24" COMPACTED SUBGRADE 98% STANDARD PROCTER DENSITY OF UPPER 24"	6107	SF							
67				5" CONCRETE SLAB REINF. W/#3@12" O.C. @ PARKING	6107	SF							
68			19/L5.30	TILE FLOORING:									
69				AUTEUR DIAGONALS ASH 9"X9"X0.43" PORCELAIN TILE	1614	SF							
70				1/4" EPOXY SETTING BE	1614	SF							
71				4" PIP REINFORCED CONCRETE SLAB	1614	SF							
72				4" AGGREGATE BASE	1614	SF							
73				CONCRETE 'B' SALT ROCK FINISH:									
74				4" CONC. REINF. W/ 6X6 W2.9XW2.9 W.W.F	4515	SF							
75				2"-3" COMACTED GAVEL OR CRUSHED STONE	4515	SF							
				CONCRETE PAVER ON FLEXIBLE BASE:									
			CONCRETE PAVERS	1549	SF								
			GEOTEXTILE FABRIC	1549	SF								
			4" MIN. COMPACTED GRANITE FINES (CRUSHED RUN)	1549	SF								
			SYNTHETIC TURF:										
			SYNTHETIC TURF	1956	SF								
			1"-2" DEEP LEVELING/FINISHING COURSE STONE DUST OR FINE MATERIAL	1956	SF								
			2"-4" DEEP SAND GRAVEL BASE COURSE CRUSHER RUN	1956	SF								

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
76				4" COMPACTED SUB-GRADE 98% STD PROCTOR	1956	SF							
77		17/L5.30		3" MEXICAN BEACH PEBBLES OVER FILTER FABRIC	3134	SF							
78		6/L5.3		CONCRETE 'A' STANDARD BROOM FINISH:									
79				4" CONC. REINF. W/ 6X6 W2.9XW2.9 W.W.F	8356	SF							
80				2"-3" COMACTED GAVEL OR CRUSHED STONE	8356	SF							
81				RETAINING WALL	592	LF							
82				NOTE: DETAIL/SECTION NOT GIVEN									
83				DETECTABLE WARNING SURFACE	228	SF							
84				22'X8" COMPACTOR	1	EA							
85				42" FALL PROTECTION HANDRAIL	592	LF							
86				CONCRETE WHEEL STOPS	298	EA							
87				8" CMU WALL @ COMPACTOR	498	SF							
88				PAINTED CEMENTIOUS COATING ON 8" CMU W/ JOINTS	498	SF							
				STRUCK FLUSH @ COMPACTOR									
				PIPE BOLLARDS @ COMPACTOR	3	EA							
				12'-0"X9'-3" WOOD SLATE GATE @ COMPACTOR AREA	1	EA							
				Subtotal									
			331000	WATER DISTRIBUTION									
89				1" TYPE K COPPER DOMESTIC WATER LINE	192	LF							
90				1.5" PVC IRRIGATION LINE	11	LF							
91				2" TYPE K COPPER DOMESTIC WATER LINE	665	LF							
92				6" DIP DOMESTIC WATER LINE	64	LF							
93				8" DIP FIRE WATER LINE	222	LF							
94				CONNECT TO EXISTING WATER SYSTEM	2	EA							
95				1.5" IRRIGATION METER IN UNDERGROUND VAULT	1	EA							
96				4" DCDA BACKFLOW PREVENTER IN UNDERGROUND TRAFFIC RATED VAULT	1	EA							
97				4" DOMESTIC WATER METER IN UNDERGROUND VAULT	1	EA							
98				4" DOMESTIC WATER METER IN UNDERGROUND VAULT	1	EA							
99				HOSE BIB FOR DUMPSTER	1	EA							
100				8"X90 DEG BEND WITH THRUST BLOCKING	12	EA							
101				DOMESTIC WATER CONNECTION TO BUILDING	3	EA							
102				2"X2"X1" TEE WITH THRUST BLOCKING	1	EA							
103				2"X45 DEG BEND WITH THRUST BLOCKING	4	EA							
104				8"X8"X8" TEE WITH THRUST BLOCKING	2	EA							
105				CONNECT TO EXISTING WATER SYSTEM WITH TEE	2	EA							
106				8" DCDA FIRE BACKFLOW PREVENTER IN UNDERGROUND VAULT	2	EA							
107				FIRE WATER CONNECTION TO BUILDING	2	EA							
108				6"X2"X6" TEE WITH THRUST BLOCKING	1	EA							
109				FDC WALL MOUNTED	2	EA							
110				EXCAVATION	0	CY							
111				STONE BEDDING	0	CY							
112				TRENCH SPOIL EXPORT	0	CY							
113				BACKFILLING	0	CY							
				Subtotal									
			333000	SANITARY SEWER									
114				8" PVC SANITARY SEWER LINE	500	LF							
115				SANITARY SEWER CONNECTION FROM BUILDING	4	EA							
116				SANITARY SEWER MANHOLE	6	EA							
117				CONNECT TO EXISTING SEWER SYSTEM	3	EA							
118				SANITARY SEWER CLEANOUT	4	EA							
119				EXCAVATION	0	CY							
120				STONE BEDDING	0	CY							
121				SELECT OR GRANULAR FILL	0	CY							
122				TRENCH SPOIL EXPORT	0	CY							
123				BACKFILLING	0	CY							
				Subtotal									
			334000	STORM DRAINAGE SYSTEMS									
124				18" RCP SD	1449	LF							
125				24" RCP SD	440	LF							
126				8" HDPE SD	23	LF							
127				12" HDPE SD	86	LF							
128				18" HDPE SD	524	LF							
129				24" HDPE SD	439	LF							
130				PVC ROOF DRAIN	415	LF							
131				PROPOSED GDOT 1019E HOODED GRATE CURB INLET	10	EA							
132				PROPOSED GWINNETT COUNTY STANDARD GRATE INLET	3	EA							
133				STANDARD JUNCTION BOX	8	EA							
134				CONNCT TO EXISTING PIPE WITH COLLAR	3	EA							
135				DOWNSPOUT CLEANOUT CONNECTION	30	EA							
136				CONNECT TO EXISTING STORM WATER SYSTEM	3	EA							
137				NYLOPLAST STRUCTURE WITH 12" STANDARD GRATE	20	EA							
138				CONVERT YARD INLET IN TO JUNCTION BOX	2	EA							
139				NYLOPLAST STRUCTURE WITH SOLID TOP	5	EA							
140				STANDARD SINGLE WING CATCH BASIN	1	EA							
141				INSERT A TEE DEVICE TO CONNECT DOWNSPOUT TO STORM PIPE	21	EA							
142				48" PADESTAL INLET	2	EA							
143				EXCAVATION	0	CY							
144				STONE BEDDING	0	CY							
145				TRENCH SPOIL EXPORT	0	CY							
146				BACKFILLING	0	CY							
				Subtotal									
			337000	ELECTRICAL UTILITIES									
147				TRANSFORMER	5	EA							
148				4" ELECTRICAL CONDUIT	1128	LF							
				Subtotal									
			100610	SIGNAGE									
149				STOP SIGN (MUTCD R1-1)	2	EA							
150				NPDES INFORMATION SIGN (C5.80)	2	EA							
151				4'X3' TYRE WASH AREA SIGN	1	EA							
				Subtotal									
			321723	PAVEMENT MARKING									
152				8' WIDE PEDESESTRIAN CROSSWALK	9	EA							
153				4" YELLOW STRIPPING	1088	LF							
154				24" WHITE STOP BAR WITH "STOP"	8	EA							
155				SOLID 4" WHITE THERMOPLASTIC PARKING STRIPES	11103	LF							
				Subtotal									
			320000	LANDSCAPE									
156				12"W. POOL COPING WITH BULLNOSE EDGE, MANUF:HARTSTONE	268	SF							
157				4" MULCH @ LANDSCAPE AREA	97811	SF							
158				12"WX7'-6"H, REINFD. CIP CHEEK WALL	390	CF							
159				12"WX7'-0"H, REINFD. CIP CHEEK WALL	679	CF							
160				12"WX4'-6"H, REINFD. CIP CHEEK WALL	63	CF							
161				12"WX4'-0"H, REINFD. CIP CHEEK WALL	664	CF							
162				12"WX3'-6"H, REINFD. CIP CHEEK WALL	39	CF							
163				12"WX2'-6"H, REINFD. CIP CHEEK WALL	48	CF							
164				5'-0"x12"x6", REINFD. CONC STEPS	193	CF							
165				5'-6"x12"x6", REINFD. CONC STEPS	33	CF							
166				6'-0"x12"x6", REINFD. CONC STEPS	42	CF							
167				7'-0"x12"x6", REINFD. CONC STEPS	18	CF							
168				10'-0"x12"x6", REINFD. CONC STEPS	20	CF							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
169				4" REINF.CONC WAIST SLAB	244	CF							
170				5'-0"X9"WX10"H, REINFD.CONC FOUNDATION	81	CF							
171				5'-6"X9"WX10"H, REINFD.CONC FOUNDATION	7	CF							
172				6'-0"X9"WX10"H, REINFD.CONC FOUNDATION	15	CF							
173				7'-0"X9"WX10"H, REINFD.CONC FOUNDATION	9	CF							
174				10'-0"X9"WX10"H, REINFD.CONC FOUNDATION	12	CF							
175				36"H RECTANGULAR TUBE STEEL HANDRAIL (POWDRE COATED)	340	LF							
176		18/L5.30		PET WASTE RECEPTACLE	4	EA							
177		2/L5.80		15'-2"X8'-4", 4-PANEL VERADK PARILLA PRIVACY SCREEN	2023	SF							
178		4/L5.91		120"LX50"W, OUTDOOR CURTAIN @ CABANA, MODEL:PATIO34, MANUF:SUNBRELLA GROMMET TOP	209	EA							
179	L1.10	1/L5.80		VERTICAL WOOD SLAT WALL WITH APPARTMENT SIGNAGE IN PASS THRU CORTYARD	228	SF							
180	L1.10	9/L5.80		EXTENSION OF ARCH WALL	144	SF							
181	9/L5.80	16/L7.00		65" OUTDOOR WALL MOUNTED TV	1	EA							
182	L1.10	ID DWGS		6X3' CUSTOM BOOTHS MILLWORK	3	EA							
183	L1.10	6/L5.91		1X6 CEDAR SLAT FAUX GREEN WALL "B"	240	SF							
184	L1.10	2/L5.93		FAUX GREEN WALL "A", NAME:UV-IFR PANEL, MANUF:VISTAFOLIA	324	SF							
185	L1.10	6/L5.91		1'-3"WX3'-0"H CIP CONCRETE PARTITION WALL	26	CF							
186	L1.10	1/L5.50		48"H GLASS FENCINGG AND GATE INTO THE POOL COURTYARD	32	LF							
187	L1.10	5/L5.80		8"X8"X16" CMU FULLY GROUTED BLOCK WALL (2'-4"H)	231	SF							
188	L1.10	5/L5.80		4"X8"X16" CMU FULLY GROUTED BLOCK WALL (8"H)	133	SF							
189				4" BRICK VENEER (1'-8"H)	331	SF							
190	L1.10	3/L0.11		20"WX2"H PRECAST CONCRETE CAP	99	LF							
191	L1.10	5/L5.80		REINFD.CONCRETE FOUNDATION @ CMU WALL (2'-7"WX10"H)	213	CF							
192	L1.10	5/L5.80		4X4 LIGHT POST	11	EA							
193	L1.10	1/L5.92		POOL ARBOR	335	SF							
194	L1.10	182/L5.90		POOL CABANA	542	SF							
195	L1.10	1/L5.11		POOL GRILL STATION (9'-0"LX2'-6"H)	1	EA							
196	L1.10	12/L5.21		TANNING LEDGE WITH BUBBLERS AND SEATING	1	EA							
197	L1.10	2/L5.12		KITCHEN STATION (11'-2"LX2'-9"H)	1	EA							
198	L1.10	ARCH DWGS		2X2' ARCHITECTURAL COLUMNS	8	EA							
199	L1.10	1/L5.93		HORIZONTAL WOOD SLAT WALL WITH TV (7'-3"H)	13	LF							
200	L1.20			BRICK WALL WITH PRECAST CONCRETE CAP (DET. NOT GIVEN) (7'H ASSUMED)	118	LF							
201	L1.20	3/L5.50		5'H STEEL PICKET FENCE	88	LF							
202	L1.20	4/L5.50		3'X5' STEEL PICKET ACCESS CONTROLLED GATE	4	EA							
203	L1.10	ID DWGS		8'X10' RUGS	2	EA							
204	L1.10			ARCHITECTURAL BAR LEDGE WITH BAR STOOLS	1	EA							
205	L1.10	3/L5.80		31'-10"X8'-2", VERADEK PANEL SCREEN PASS THROUGH CEILING	1	EA							
206	L1.10-1.40			ORNAMENTAL UNDER STORY TREE	83	EA							
207	L1.10-1.40			OVERSTORY TREE	56	EA							
208	L1.20	3/L11.01		TURNESOL TWIG BENCH ON SYNTHETIC TURF FLEX LAWN W/ STRING LIGHT CANOPY ABOVE(93-3/4"X75-5/8"X17-1/2"H)	6	EA							
209	L1.20	6/L5.10		PGST-SERIES NATURAL GAS GRILL WITH TIMER MODEL:S27TNG, MANUF: BBQGUYS	1	EA							
210	L1.20			FLEXIBLE SEATING GROUPS ON SYNTHETIC TURF FLEX LAWN	1	EA							
211	L1.20			4X4 HSS POST FOR STRING LIGHTS	82	EA							
212	L1.20			STRING LIGHT	908	LF							
213	L1.20	3/L5.50		42" HIGH STEEL PICKET FENCE	438	LF							
214	L1.30	5/L5.10		NATURAL GAS GRILL STATION	1	EA							
215	L1.10	L0.11		CT 1510 UNGLAZED BLUE (SKID RESISTANT) TILE @ POOL STEP & POOL BENCH	495	SF							
216	L1.10	L0.11		REFLECTION SERIES MARINER BLUE @ POOL SHEEL FLOOR AREA	1295	SF							
217	L1.10	L0.11		REFLECTION SERIES MARINER BLUE @ POOL SHEEL WALL AREA	710	SF							
218	L1.10	L0.11		THAMES SERIES 2X2 CT TH 882 WATERLINE POOL TILE	110	SF							
219	L1.10	L5.21		POOL STEP & STEP AREA CONCRETE STRUCTURE (DESIGNED BY OTHERS)	495	SF							
220	L1.10	L5.21		POOL SHELL AREA CONCRETE STRUCTURE (DESIGNED BY OTHERS)	1295	SF							
221	L5.21	1/L5.21		ROLLED STAIR RAIL @ POOL STEPS (34"HX84"L)	1	EA							
222	L5.21	2/L5.21		POOL STANDARD PLUS LADDER MODEL#LF30-MG MANUF: SR SMITH	1	EA							
223	L5.20	13/L5.20		HANICAP POOL STAINLESS STEEL CHAIR LIFT, MOTION TREK 350 DLX, PRODUCT # 153121-DLX MANUF: SPECTRUM AQUATICS.	1	EA							
224	L5.20	11&12/L5.20		HANDICAP POOL CHAIR REINF.CONC.FOUNDATION PAD (4'-0"X2'-6"X1'-0") (1EA)	10	CF							
				DRAINAGE									
225	L3.10- L3.40			4" STRIP DRAIN (15/L4.00)	69	LF							
226				12" AREA DRAIN (8/L4.00)	62	EA							
227				DECK DRAIN (13/L4.00)	1	EA							
228				6" DRAIN PIPE	565	LF							
				MEP									
229		5/L7.10		LED STRING LIGHTS	1143	LF							
230		11/L7.00		BOLLARD - PATH LIGHT, MODEL:TAURAS 1 BOLLARD, MANUF:LIGMAN LIGHTING USA	87	EA							
231		6/L7.00		GRILL LIGHT MODEL:SF-36-B-MR-331-BZP-10-B MANUF:B-K-LIGHTING	6	EA							
232		3/L7.00		HOSE BIBB	20	EA							
233		17/L7.00		STREETSCAPE LIGHT	55	EA							
234		1/L7.01		DECORATIVE LED FIXTURE, MODEL:COPENHAGEN LED OUTDOOR CHANDELIER PRODUCT ID: KUZP205797, MANUF:LUMENS	3	EA							
235		3/L7.01		WALL JET, MODEL:NATURAL WONDERS, WALL JETS CMP PART #: 25598-200-000, MANUF:CMP	3	EA							
236		2/L7.01		LED BUBBLER, MODEL:BRILLIANT WONDERS, 4" LED BUBBLER CMP PART #: 25503-460-000, MANUF:CMP	3	EA							
237		3/L5.20		EMERGENCY PHONE	2	EA							
238		4/L7.00		PROXIMITY READER	9	EA							
239		10/L7.00		LANDSCAPE UPLIGHT MODEL:HSL16-S-BR-60-BLPXD, MANUF:AURORALIGHT	172	EA							
240	L6.00-6.40	13/L7.00		SPEAKER: 8" TWO-WAY CO-AXIAL MUSHROOM LANDSCAPE SPEAKER, MODEL:CONTROL 88M, MANUF:JBL PROFESSIONAL BY HARMAN	2	EA							
241		9/L7.00		SURFACE-MOUNTED FLOOD LIGHT	2	EA							
242		5/L7.00		PUSH TO EXIT	7	EA							
243		8/L5.20		POOL SHOWER	2	EA							
244		2/L5.70		EMERGENCY SHUTOFF	6	EA							
245		7/L7.00		SUBMERSIBLE POOL LIGHT MANUF:HUNZA	6	EA							
246		15/L7.00		75" TELEVISION, MODEL:SB-WM-F-L-BL, MANUF:SUNBRITE TV, LLC.	4	EA							
247		1/L7.00		GFI - RECESSED IN WALL	6	EA							
248		2/L7.00		GFI - MOUNTED IN LANDSCAPE	17	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
249		4/L7.01		CAN LIGHT	9	EA							
250		18/L7.00		FLOOR LAMP, MODEL#9777, MANUF:GLOSTER	9	EA							
251		14/L7.00		POOL COURTYARD POLE LIGHT	6	EA							
252		7/L5.12		ICE MAKER	1	EA							
253		9/L5.12		FAUCET + SINK	1	EA							
254		12/L7.00		STEP LIGHT, MODEL:SL632, MANUF:LUMUX	53	EA							
255		6/L5.20		DRINKING FOUNTAIN	1	EA							
256		13/L5.20		ADA CHAIR	1	EA							
				TREES:									
257				AB4:ACER BUERGERIANUM 'ABMTF' PP16,629,B & B,14'-15' HT,4" CAL	29	EA							
258				AA4:AMELANCHIER ARBOREA 'AUTUMN BRILLIANCE',B & B,12'-15' HT,4" CAL,MULTI-TRUNK	42	EA							
259				CC4:CARPINUS CAROLINIANA B & B,14'-16' HT,4" CAL	21	EA							
260				CJ:CRYPTOMERIA JAPONICA B & B,14'-15' HT	11	EA							
261				DJ3:DEVELOPER INSTALLED,B & B,15'-16' HT,3" CAL	18	EA							
262				LS4:LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE',B & B,15'-16' HT,4" CAL	15	EA							
263				MV4:MAGNOLIA VIRGINIANA 'GREEN SHADOW' SINGLE STRAIGHT TRUNK, DENSE, UNIFORM BRANCHING, MATCHED, LIMB UP 84",B & B,14'-16' HT,4" CAL,SINGLE TRUNK	19	EA							
264				PP10:PARROTIA PERSICA (MULTI-STEM),B & B,9'-10' HT	5	EA							
265				PT:PINUS TAEDA,15 GAL	29	EA							
266				QP4:QUERCUS PHELLOS SINGLE STRAIGHT TRUNK, DENSE, UNIFORM BRANCHING, MATCHED, LIMB UP 84",B & B,15'-16' HT,4" CAL	9	EA							
267				QN4:QUERCUS SHUMARDII SINGLE STRAIGHT TRUNK, DENSE, UNIFORM BRANCHING, MATCHED, LIMB UP 84",B & B,15'-16' HT,4" CAL	6	EA							
268				UA4:ULMUS AMERICANA 'PRINCETON' SINGLE STRAIGHT TRUNK, DENSE, UNIFORM BRANCHING, MATCHED, LIMB UP 84",B & B,15'-16' HT,4" CAL	16	EA							
269				VAC10:VITEX AGNUS-CASTUS,B & B,10'-12' HT,,3 TRUNK MIN.	14	EA							
				SHRUBS:		EA							
270				AR3:ABELIA X 'ROSE CREEK',3 GAL	119	EA							
271				AJ7:AUCUBA JAPONICA 'GOLD DUST',7 GAL	31	EA							
272				AE:AZALEA ENCORE TM,3 GAL	61	EA							
273				AM:AZALEA INDICA 'MRS. G.G. GERBING',3 GAL	103	EA							
274				BUW7:BUXUS MICROPHYLLA JAPONICA 'WINTER GEM',7 GAL,18"W X 18"H	1	EA							
275				BGM30:BUXUS X 'GREEN MOUNTAIN',B & B,30"W X 30"H	22	EA							
276				CP:CEPHALOTAXUS HARRINGTONIA PROSTRATA,3 GAL	421	EA							
277	L9.00-9.01			CHD7:CEPHALOTAXUS HARRINGTONIA VAR. DRUPACEA,7 GAL	9	EA							
278				CJA3:CLEYERA JAPONICA 3 GAL	93	EA							
279				CS:CORNUS SERICEA,7 GAL,3'-5' HT	9	EA							
280				HN:HYDRANGEA MACROPHYLLA 'NIKKO BLUE',3 GAL	35	EA							
281				HPL7:HYDRANGEA PANICULATA 'LIMELIGHT' TM,7 GAL	58	EA							
282				HQU7:HYDRANGEA QUERCIFOLIA,7 GAL	8	EA							
283				IC3:ILEX CORNUTA 'DWARF BURFORD',3 GAL	196	EA							
284				ID:ILEX CORNUTA 'DWARF BURFORD',3 GAL	299	EA							
285				IS:ILEX CRENATA 'SKY PENCIL',7 GAL,4' HT	21	EA							
286				IP3:ILLICUM PARVIFLORUM,3 GAL	258	EA							
287				LJV3:LIGUSTRUM JAPONICUM 'VERIEGATUM',3 GAL	30	EA							
288				LP:LOROPETALUM CHINENSE RUBRUM 'PURPLE PIXIE',3 GAL	299	EA							
289				LCC3:LOROPETALUM CHINENSE 'CRIMSON FIRE',3 GAL,30" O.C.	502	EA							
290				MSA3:MISCANTHUS SINENSIS 'ADAGIO',3 GAL	81	EA							
291				MC:MUHLENBERGIA CAPILLARIS,3 GAL	372	EA							
292				PVN3:PANICUM VIRGATUM 'NORTH WIND',3 GAL	144	EA							
293				PB2:PENNISETUM ALOPECUROIDES 'LITTLE BUNNY',3 GAL	182	EA							
294				PA:PEROVSKIA ATRIPLICIFOLIA,3 GAL	17	EA							
295				PB:PRUNUS CAROLINIANA 'BRIGHT 'N TIGHT' TM,15 GAL	3	EA							
296				PO3:PRUNUS LAUROCERASUS 'OTTO LUYKEN',3 GAL	59	EA							
297				RO3:ROSMARINUS OFFICINALIS,3 GAL	43	EA							
298				RFC3:RUDBECKIA FULGIDA,3 GAL	6	EA							
				GROUND COVERS:									
299				AGO1:ACORUS GRAMINEUS 'OGON',1 GAL	971	EA							
300				AR1:AJUGA REPTANS,1 GAL	395	EA							
301				EC:ERAGROSTIS CURVULA,SEED	27052	SF							
302				FE:FESTUCA GLAUCA 'ELIJAH BLUE',1 GAL,12" O.C.	2538	EA							
303				LB118:LIRIOPE MUSCARI 'BIG BLUE',1 GAL,18" O.C.	3015	EA							
304				LME1:LIRIOPE MUSCARI 'EVERGREEN GIANT',1 GAL,18" O.C.	2570	EA							
305				OJA4:OPHIPOGON JAPONICUS,4" POT,15" O.C.	116	EA							
306				PTE4:PACHYSANDRA TERMINALIS,4" POT,12" O.C.	344	EA							
307				RO1:ROSMARINUS OFFICINALIS 'PROSTRATUS',1 GAL,18" O.C.	430	EA							
308				SCO4:SEASONAL COLOR,4" POT,12" O.C.	38	EA							
309				TAA1:TRACHELOSPERMUM ASIATICUM 'ASIATIC',1 GAL,18" O.C.	1267	EA							
310				ZJM:ZOYSIA JAPONICA 'MEYER',SOD,	7480	SF							
				FURNISHING									
311		1/L11.00		CHAISE LOUNGER, MODEL#7950, MANUF:GLOSTER	27	EA							
312		6/L11.01		HANGING POD CHAIR, MODEL#404669, CB2	4	EA							
313		3/L11.01		TWIG BENCH, 93-3/4"x75-5/8"x17-1/2", MODEL:G-01, MANUF:TOURNESOL SITEWORKS	6	EA							
314		13/L11.00		LOVESEAT (PASS THRU), DUNE 2-SEATER SOFA, MODEL#91001, 71"x36.5"x28.5", MANUF:GLOSTER	1	EA							
315		2/L11.00		MINI CHAISE LOUNGER	6	EA							
316		5/L11.01		WINMARK CHAIR	50	EA							
317		4/L11.01		HARPO 69" TABLE, 32.5"x32.50x69", MANUF: LANDSCAPE FORMS	4	EA							
318		14 1/L11.01		WASTE RECEPTACLE, MODEL# SD-42, MANUF:VICTOR STANLEY	14	EA							
319		2/L11.01		PET WASTE RECEPTACLE, MODEL#1206A-L, MANUF: DOGIPO	8	EA							
320		12/L11.00		LOUNGE CHAIR (PASS THRU), MODEL#91000, MANUF:GLOSTER	7	EA							
321		4 14/L11.00		COUCH (PASS THRU), MODEL#91002, MANUF:GLOSTER	4	EA							
322		17/L11.00		RECTANGULAR PLANTER POT (96X18), MODEL WCR-961824, MANUF:CRESCENT GARDEN	4	EA							
323	L10.00- L10.40	11/L11.00		ENTRY COFFEE TABLE, MODEL#9781, MANUF:GLOSTER	1	EA							
324		10/L11.00		LOUNGE CHAIR, MODEL#91122, MANUF:GLOSTER	20	EA							
325		18/L11.00		SQUARE PLANTER POT, MODEL:2414247:UCRT-2400, MANUF:TOURNESOL SITEWORK	4	EA							
326		15/L11.00		TREE TRUNK COFFEE TABLE, MODEL#329771561IND, MANUF:SIERRA LIVING CONCEPTS	2	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
327		7/L11.00		SECTIONAL COUCH, GRID LEFT/RIGHT END UNIT/7100M, MANUF: GLOSTER	2	EA							
328		9/L11.00		SIDE TABLE, MODEL#7176, MANUF:GLOSTER	1	EA							
329		8/L11.00		SQUARE COFFEE TABLE, MODEL#7116, MANUF:GLOSTER	1	EA							
330		8/L5.70		FIRE EXTINGUISHER	7	EA							
331		17/L11.00		RECTANGULAR PLANTER POT (60X24), MODEL:WCR-6024X24, MANUF:TOURNESOL SITEWORK	4	EA							
332		5/L11.00		TABLE TOP, MODEL:CL-R80 31.5" ROUND, MANUF:LEBELLO	3	EA							
333		16/L11.00		POT 20X20, MANUF:TOURNESOL SITEWORK	1	EA							
334		16/L11.00		POT 26X26, MANUF:TOURNESOL SITEWORK	1	EA							
335		16/L11.00		POT 34X34, MANUF:TOURNESOL SITEWORK	2	EA							
336		17/L11.00		RECTANGULAR PLANTER POT (48X24), MODEL:WCR-482424 , MANUF:TOURNESOL SITEWORK	1	EA							
337		10/L5.12		PULL WASTE RECEPTACLE	1	EA							
338	L5.20			HANICAP POOL STAINLESS STEEL CHAIR LIFT	1	EA							
339	L5.21			ROLLED STAIR RAIL @ POOL STEPS (34"HX84"L)	1	EA							
340	L5.21			POOL STANDARD PLUS LADDER MODEL#LF30-MG MANUF: SR SMITH	1	EA							
341	L5.80			65" OUTDOOR WALLL MOUNTED TV	1	EA							
342				SLEEVEING	1	EA							
343	L12.00			4" CLASS 200 PVC IRRIGATIO SLEEVE	904	LF							
344	L12.00			6" CLASS 200 PVC IRRIGATIO SLEEVE	224	LF							
Subtotal													
BUILDING 1000 A													
DIVISION 02 - EXISTING CONDITIONS													
			020000	EARTHWORK									
			022000	EARTHWORK									
345	S1-11A	S0-01, S3-01 & S3-02		Footing excavation.	10610	CF							
346				Footing backfill.	2200	CF							
Subtotal													
DIVISION 03 - CONCRETE													
			030000	CAST IN PLACE CONCRETE									
			033000	(2'Wx1'8"H) CONCRETE FOOTING									
347	S1-11A	S0-01, S3-01 & S3-02		Compaction of sub-grade.	4135	SF							
348				Rebar's (Grade 60)	8815	LB							
349				Concrete footing. (f'c = 3000 PSI)	5510	CF							
				(2'Wx2'2"H) CONCRETE FOOTING									
350	S1-11A	S0-01, S3-01 & S3-02		Compaction of sub-grade.	1450	SF							
351				Rebar's (Grade 60)	4015	LB							
352				Concrete footing. (f'c = 3000 PSI)	2510	CF							
				(1'Wx8"H) CONCRETE FOOTING									
353	S1-11A	S0-01, S3-01 & S3-02		Compaction of sub-grade.	340	SF							
354				Rebar's (Grade 60)	240	LB							
355				Concrete footing. (f'c = 3000 PSI)	150	CF							
				(5'SQ. x2'H) CONCRETE FOOTING PAD (6 EA)									
356	S1-11A	S0-01, S3-01 & S3-02		Compaction of sub-grade.	185	SF							
357				Rebar's (Grade 60)	480	LB							
358				Concrete footing. (f'c = 3000 PSI)	300	CF							
				SLAB ON GRADE									
359	S1-11A	S0-01, S3-01 & S3-02		Compaction of sub-grade.	13275	SF							
360				(10 MIL) Vapor barrier.	13275	SF							
361				(4" Thick) Reinforced concrete slab w/ post tensioning. (f'c = 3000 PSI)	13275	SF							
				SLAB ON GRADE									
362	S1-11A	S0-01, S3-01 & S3-02		Compaction of sub-grade.	750	SF							
363				(10 MIL) Vapor barrier.	750	SF							
364				(4" Thick) Concrete slab w/ CIP 6x6 - 10/10 WWM. (f'c = 3000 PSI)	750	SF							
365	S1-12A to S1-14A			Metal pan concrete stair.	220	SF							
Subtotal													
DIVISION 04 - MASONRY													
			040000	UNIT MASONRY									
			042000	UNIT MASONRY									
366	A1-11A TO ID-7.3			Exterior Type BR-1, Brick Veneer-Gray.	1651	SF							
Subtotal													
DIVISION 05 - METAL													
			050000	STRUCTURAL STEEL									
			051200	STRUCTURAL STEEL									
367	S1-12A			W14x22	35	LF							
368				W16x31	18	LF							
369				W18x50	100	LF							
370				W18x55	25	LF							
371				W18x65	25	LF							
372				W18x76	65	LF							
373				W24x68	40	LF							
			053000	METAL DECK									
374	S1-12A			Metal canopy.	180	SF							
			055000	METAL FABRICATIONS									
375				MISC. Item.	1	LS							
			057000	ORNAMENTAL METAL									
376	A1-11A TO ID-7.3			Type-MR-1, 42" Aluminum picket railing.	1046	LF							
377				(42" H) Hand rail.	220	LF							
Subtotal													
DIVISION 06 - WOOD, PLASTIC AND COMPOSITES													
			060000	DIVISION 06 - WOOD, PLASTIC AND COMPOSITES									
			061053	WOOD FRAMING									
378	S1-12A to S1-15A			(2x8) Header beam.	1005	LF							
379				(2x10) Header beam.	760	LF							
380				5.5x11.25 GL	305	LF							
381				5.5x14 GL	55	LF							
382				5.5x18 GL	320	LF							
383				7x18 GL	175	LF							
384				5.25x11.25 PSL	260	LF							
385				Pre-Fabricated wood floor trusses	23835	LF							
386				Pre-Engineered Roof Trusses	7865	LF							
387				(2x12) Canopy SCAB	550	LF							
388				Joist hanger.	4287	EA							
			061000	ROUGH CARPENTRY									
389	S1-12A to S1-15A			(3/4") T&G OSB or Plywood sheathing.	47455	SF							
390				(5/8") Exterior grade OSB or Plywood sheathing.	16005	SF							
				SHEARWALL									
391	A1-11A TO ID-7.3			(5/8", 1-Layer) Plywood sheathing.	15300	SF							
			064100	ARCHITECTURAL WOOD CASEWORK									
392				(12" W) Rod & Shelf.	230	LF							
393				(2) Rod & (12" D) Shelf.	1370	LF							
394				(14'3"Lx1'Dx2'6"H) Wall cabinet.	16	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
395	A1-11A TO ID-7.3			(13'Lx2'Dx2'10"H) Wall cabinet.	2	EA							
396				(11'2"Lx1Dx2'6"H) Wall cabinet.	21	EA							
397				(13'6"Lx1Dx2'6"H) Wall cabinet.	10	EA							
398				(6'Lx2'Dx2'10"H) Base cabinet.	82	EA							
399				(7'Lx2Dx3H) Base cabinet.	16	EA							
400				(11'Lx2'Dx2'10"H) Base cabinet.	16	EA							
401				(4'Lx2Dx2'10"H) Base cabinet.	13	EA							
402				(8'8"Lx2Dx2'10"H) Base cabinet.	13	EA							
403				(8'Lx2Dx2'10"H) Base cabinet.	13	EA							
404				(14'Lx1Dx2'6"H) Base cabinet.	4	EA							
405				(12'Lx2Dx2'10"H) Base cabinet.	8	EA							
406			(6'8"Lx2Dx2'10"H) Base cabinet.	8	EA								
407			(9'4"Lx2Dx2'10"H) Base cabinet.	8	EA								
408			Line cabinet.	125	EA								
409			16" Mud bench	24	EA								
				Subtotal									
			070000	DIVISION 07 - THERMAL AND MOISTURE PROTECTION									
				ROOFING									
410	A2-10			(R-38) Roof insulation.	16005	SF							
411				(60 MIL) TPO Roofing.	16005	SF							
412	A1-11A TO			Waking pad	610	LF							
413	ID-7.3			Air/Moisture barrier.	12610	SF							
			076000	SHEET METAL FLASHING AND TRIM									
414	A1-11A TO			Downspout.	360	LF							
415	ID-7.3			Gutter	670	LF							
				Subtotal									
			080000	DIVISION 08 - OPENING									
416	A1-11A TO ID-7.3			Type W 01, (2'-6" W x 6'-0" H) Single vinyl window.	16	EA							
417				Type W 02, (3'-0" W x 6'-0" H) Single vinyl window.	8	EA							
418				Type W 03, (5'-0" W x 6'-0" H) Single vinyl window.	26	EA							
419				Type W 04, (6'-0" W x 6'-0" H) Single vinyl window.	178	EA							
			081113	HOLLOW METAL DOORS, FRAMES AND HARDWARE									
420	A1-11A TO			(3'-0" W x 8'-0" H) HM door & frame.	1	EA							
421	ID-7.3			(3)x (3'-0" W x 7'-0" H) HM door & frame.	21	EA							
			082100	WOOD DOORS									
422	A1-11A TO ID-7.3			(HR 20 MIN) (3'-0" W x 7'-0" H) Solid core wood door & frame.	77	EA							
423				(3'-0" W x 8'-0" H) Fiberglass door & frame.	34	EA							
424				(6'-0" W x 8'-0" H)Vinyl/ Glass door & frame.	16	EA							
425				(9'-0" W x 8'-0" H)Vinyl/ Glass door & frame.	6	EA							
426				(2'-10" W x 6'-8" H) Solid core wood door & frame.	275	EA							
427				(3'-0" W x 8'-0" H) Solid core wood door & frame.	16	EA							
428				(3'-6" W x 6'-8" H) Solid core wood door & frame.	23	EA							
429				(4'-0" W x 8'-0" H) Solid core wood door & frame.	16	EA							
430				(5'-0" W x 6'-8" H) Solid core wood door & frame.	37	EA							
431				(1'-6" W x 6'-8" H) Hollow core wood door & frame.	8	EA							
432				(2'-6" W x 6'-8" H) Hollow core wood door & frame.	8	EA							
433				(3'-0" W x 6'-8" H) Hollow core wood door & frame.	56	EA							
434			(2'-0" W x 6'-8" H) Hollow core wood door & frame.	26	EA								
			087100	FINISH HARDWARE									
435	A1-11A TO ID-7.3			Door hardware. (620 EA)	1	LS							
				Subtotal									
			090000	DIVISION 09 - FINISHES									
436	A1-11A TO ID-7.3			Exterior Type CP-1, Fiber cement panel (4"x10") W/ Battens-White Allura.	4780	SF							
437				Exterior Type CP-2, Fiber cement panel (4"x10") W/ Battens-Dark gray.	8830	SF							
438				Exterior Type CP-3,Fiber cement panel (4"x10") W/ Metal Reveals White.	1430	SF							
439				Exterior Type WP-1, Wall panel.	3495	SF							
440				(12" H) Exterior Type CT-1.	540	LF							
441				(2'3" H) Exterior Type CT-1.	240	LF							
442				(4" H) Exterior Type CT-1.	590	LF							
			092600	GYPSUM BOARD ASSEMBLIES									
443	A1-11A TO ID-7.3			5/8" GWB Ceiling.	52655	SF							
				INTERIOR WALL									
				(1 HR) TYPE 1WB4, GWB UNIT WALL (5674 LF)									
444	A1-11A TO ID-7.3			(2x4) Wood studs at 16" O.C	38410	LF							
445				(5/8", 1-Layer) Type X, GYP. BD. both side	102135	SF							
446				(2x4) Top and bottom track.	17025	LF							
				(1 HR) TYPE 1WB6, GWB UNIT WALL (582 LF)									
447	A1-11A TO ID-7.3			(2x6) Wood studs at 16" O.C	3950	LF							
448				(5/8", 1-Layer) Type X, GYP. BD. both side	10480	SF							
449				(2x6) Top and bottom track.	1746	LF							
				(1 HR) TYPE 1WC4, GWB WALL (170 LF)									
450	A1-11A TO ID-7.3			(2x4) Wood studs at 16" O.C	1160	LF							
451				(1/2") Resilient channel	1160	LF							
452				(4") Batt insulation	1530	SF							
453				(5/8", 1-Layer) Type X, GYP. BD. One side	1530	SF							
454				(5/8", 1-Layer) Type X, Exterior grade GYP. BD. One side	1530	SF							
455				(2x4) Top and bottom track.	510	LF							
456				(1/2") Top and bottom track.	340	LF							
				(1 HR) TYPE 1WC6, GWB WALL (1530 LF)									
457	A1-11A TO ID-7.3			(2x6) Wood studs at 16" O.C	10365	LF							
458				(1/2") Resilient channel	10365	LF							
459				(6") Batt insulation	13770	SF							
460				(5/8", 1-Layer) Type X, GYP. BD. One side	13770	SF							
461				(5/8", 1-Layer) Type X, Exterior grade GYP. BD. One side	13770	SF							
462				(2x6) Top and bottom track.	4590	LF							
463				(1/2") Top and bottom track.	3060	LF							
				(1 HR) TYPE 1WD4, GWB UNIT SEP. WALL (2040 LF)									
464	A1-11A TO ID-7.3			(2x4) Wood studs at 16" O.C	13815	LF							
465				(4") Batt insulation	36720	SF							
466				(5/8", 1-Layer) Type X, GYP. BD. both side	36720	SF							
467				(2x4) Top and bottom track.	6120	LF							
				(1 HR) TYPE 1WD6, GWB UNIT SEP. WALL (1075 LF)									
468	A1-11A TO ID-7.3			(2x6) Wood studs at 16" O.C	7285	LF							
469				(6") Batt insulation	19350	SF							
470				(5/8", 1-Layer) Type X, GYP. BD. both side	19350	SF							
471				(2x6) Top and bottom track.	3225	LF							
				(2 HR) TYPE 2WK4, GWB SHAFT WALL (555 LF)									
472	A1-11A TO ID-7.3			(2x4) Wood studs at 16" O.C	7530	LF							
473				(4") Batt insulation	9990	SF							
474				(5/8", 1-Layer) Type X, GYP. BD. both side	9990	SF							
475				(1", 1-Layer) Type X, GYP. Liner panel both side	9990	SF							
476				(2x4) Top and bottom track.	3330	LF							
				(2 HR) TYPE 2WK6, GWB SHAFT WALL (146 LF)									

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST		
							MHrs/ Unit	\$/Hour	(\$Per Unit)						
477	A1-11A TO ID-7.3			(2x6) Wood studs at 16" O.C	1995	LF									
478				(4") Batt insulation	2630	SF									
479				(5/8", 1-Layer) Type X, GYP. BD. both side	2630	SF									
480				(1", 1-Layer) Type X, GYP. Liner panel both side	2630	SF									
481				(2x6) Top and bottom track.	880	LF									
482	A1-11A TO ID-7.3			(1 HR) EXTERIOR WALL (2250 LF)											
483				(2x6) Wood studs at 16" O.C	15235	LF									
484				(R-20) Batt insulation.	10365	SF									
485				(5/8", 1-Layer) Typ X, GYP. BD. One side.	12610	SF									
486				(5/8", 1-Layer) Type X, Exterior Plywood sheathing one side.	12610	SF									
				(2x6) Top and bottom track.	6750	LF									
				093100	CERAMIC / PORCELAIN TILING										
487	A1-11A TO ID-7.3			Porcelain tile.	4697	SF									
488				Kitchen backsplash wall tile.	887	SF									
				096000	FLOORING										
489	A1-11A TO ID-7.3			Carpet floor.	15373	SF									
490				Vinyl wood plank w/ sound mat floor.	27816	SF									
491				Corridor Carpet Floor.	4336	SF									
492				Wood base painted.	16400	LF									
				099100	PAINTING										
493	A1-11A TO ID-7.3			GWB ceiling paint.	52655	SF									
494				GWB wall paint.	191915	SF									
495				Door paint. (620 EA)	41921	SF									
					Subtotal										
				100000	DIVISION 10 - SPECIALTIES										
				101510	TOILET COMPARTMENTS										
496	A1-11A TO ID-7.3			Compartment wall. (6' H)	80	LF									
				102813	TOILET AND BATH ACCESSORIES										
497	A1-11A TO ID-7.3			Toilet paper holder.	94	EA									
498				Towel bar.	94	EA									
499				Mirror.	94	EA									
500				(36"x60") Tub	27	EA									
					Subtotal										
				110000	DIVISION 11 - EQUIPMENT										
501	A1-11A TO ID-7.3			Range & Micro wave.	66	EA									
502				Refrigerator.	66	EA									
503				Washer/Dryer Stacked.	66	EA									
504				Dishwasher.	66	EA									
505				Dryer	66	EA									
506				Washer	66	EA									
					Subtotal										
				120000	DIVISION 12 - FURNISHING										
				123660	QUARTZ SURFACING COUNTERTOPS										
507				QUARTZ COUNTER TOP - MSI SURFACES - MANHATTAN GRAY 3CM - POLISHED	2900	SF									
					Subtotal										
				150000	DIVISION 15 - HEATING, VENTILATING, AND AIR- CONDITIONING (HVAC)										
508	M1-11A TO MP1-21			EH 1-1-2 - ELECTRIC HEATER, MANUF: MARLEY, MODEL NO: AWH (100 CFM)	1	EA									
509				FC 1-1-1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-1- 1, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA									
510				FC 1-2-1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-2- 1, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA									
511				FC 1-3-1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-3- 1, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA									
512				FC 1-4-1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-4- 1, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA									
513				Fire damper	4	EA									
514				NON-FREEZE WALL HYDRANT, ROOF MOUNT PEDESTAL W/ MOUNTING FLANGE & SHROUD, MALE HOSE END OUTLET W/ DUAL CHECK BACKFLOW PREVENTER, (3/4") INLET W/ SELF DRAINING VENTURI - WOODFORD MODEL SRH-MS	6	EA									
515				NON-FREEZE WALL HYDRANT, ROOF MOUNT PEDESTAL W/ MOUNTING FLANGE & SHROUD, MALE HOSE END OUTLET W/ DUAL CHECK BACKFLOW PREVENTER, (3/4") INLET W/ SELF DRAINING VENTURI - WOODFORD MODEL SRH-MS	1	EA									
516				RG2 - (20"x18") Return grille - Manuf: Titus, Model: 355RS, Steel	4	EA									
517				SG16 - (14x8) Supply grille - Manuf: Titus, Model: 301RS, Steel (200 CFM) w/ Radiation damper	16	EA									
518				EF A - EXHAUST FAN - MANUF: BROAN, MODEL: 670, (50 CFM)	84	EA									
519				FC A1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A1, Manuf: CARRIER, FFMA/25HCE (600CFM)	16	EA									
520				FC A3 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A3, Manuf: CARRIER, FFMA/25HCE (600CFM)	2	EA									
521				FC B1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B1, Manuf: CARRIER, FFMA/25HCE (600CFM)	13	EA									
522				FC B2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B2, Manuf: CARRIER, FFMA/25HCE (800CFM)	9	EA									
523				FC B2E - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B2, Manuf: CARRIER, FFMA/25HCE (800CFM)	4	EA									
524				FC B2-HC - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B2-HC, Manuf: CARRIER, FFMA/25HCE (800CFM)	1	EA									
525				FC B3 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B3, Manuf: CARRIER, FFMA/25HCE (600CFM)	8	EA									
526				Radiation damper	387	EA									
527				RG2 - (16"x10") Return grille - Manuf: Titus, Model: 355RS	16	EA									
528				RG2 - (36"x10") Return grille - Manuf: Titus, Model: 355RS	13	EA									
529				RG2 - (36"x12") Return grille - Manuf: Titus, Model: 355RS	22	EA									
530				RG3 - (16"x10") Return grille - Manuf: Titus, Model: 350RL	91	EA									
531				RG3 - (36"x10") Return grille - Manuf: Titus, Model: 350RL	18	EA									
532				SG16 - (14x8) Supply grille - Manuf: Titus, Model: 301RS, Steel (200 CFM)	194	EA									
533				SG16 - (8x6) Supply grille - Manuf: Titus, Model: 301RS, Steel	136	EA									
534							Galvanized sheet metal duct w/ Wrap equal to ownes corning (12x12) Metal duct	80	LF						
535							(12X10) Metal duct	15	LF						
536							(14X10) Metal duct	150	LF						
537							(14X12) Metal duct	40	LF						
				ROUND DUCT											

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
538	M1-11A TO MP1-21			(8"Dia) Round duct	170	LF							
539				(4"Dia) Round duct	3120	LF							
				FLEXIBLE ROUND DUCT									
540				(10"Dia) Flexible round duct	760	LF							
541				(8"Dia) Flexible round duct	240	LF							
542				(4"Dia) Flexible Round duct	445	LF							
543				(5"Dia) Flexible Round duct	530	LF							
544				(7"Dia) Flexible Round duct	1460	LF							
545				(8"Dia) Flexible Round duct	2790	LF							
				Subtotal									
			150000	DIVISION 15 - PLUMBING									
546	P1-11A TO P3-08			FCO - FLOOR CLEANOUT - CAST IRON CLEANOUT W/ GSKET SEAL & THREADED PLUG, ADJUSTABLE CAST IRON ROUND TOP W/ SECURING SCREW - JAY R. SMITH FIGURE 4220	6	EA							
547				(2") HUB DRAIN W/ PRIMER CONNECTION	39	EA							
548				AAV - AIR ADMITTANCE VALVE - STUDOR MINI-VENT, INTERNAL SCREENING, PREVENTS THE RELEASE OF FOUL AIR WHITE ABS	39	EA							
549				IM-1 - ICE MAKER OUTLET BOX: ABS, LEAD FREE W/ QUARTER TURN BALL VALVE & WATER HAMMER ARRESTOR - SIOUX CHIEF 696-G1010	40	EA							
550				KS-1 - KITCHEN SINK - RESIDENTIAL	40	EA							
551				LAV-1 - LAVATORY - RESIDENTIAL	100	EA							
552				SH-1 - SHOWER - RESIDENTIAL W/ SHOWER HEAD	40	EA							
553				SHUTT-OFF VALVE	40	EA							
554				WATER SUBMETER	40	EA							
555				WC-1 - WATER CLOSET - RESIDENTIAL	62	EA							
556				WH-1 - WATER HEATER - MODEL: ENLB-40 - 38 GAL, W/ T&P RELIEF VALVE, VACCUM RELIEF VALVE & WATTS LFBRV COMBINATION BALL & THERMAL RELIEF VALVE, A O SMITH - PROLINE SERIES	18	EA							
557				WH-2 - WATER HEATER - MODEL: ENLB-50 - 48 GAL, W/ T&P RELIEF VALVE, VACCUM RELIEF VALVE & WATTS LFBRV COMBINATION BALL & THERMAL RELIEF VALVE, A O SMITH - PROLINE SERIES	22	EA							
558				WM-1 - WASHING MACHINE OUTLET BOX, ABS, LEAD FREE W/ QUARTER TURN BALL VALVE, WATER HAMMER ARRESSTOR - SIOUX CHIEF 696-G1010 SERIES	40	EA							
559	P1-11A TO P3-08			DOMESTIC WATER PIPING									
560				(1-1/2") COLD WATER PIPE	365	LF							
561				(2") COLD WATER PIPE	50	LF							
562				(2-1/2") COLD WATER PIPE	295	LF							
563				(3") COLD WATER PIPE	20	LF							
564				(1/2") COLD WATER PIPE	1985	LF							
565				(1/2") HOT WATER PIPE	1485	LF							
566				(1-1/4") COLD WATER PIPE	195	LF							
567				(3/4") COLD WATER PIPE	1700	LF							
568				(3/4") HOT WATER PIPE	1480	LF							
569				SANITARY PIPING									
570				(4") SANITARY PIPE	150	LF							
571				(6") SANITARY PIPE	470	LF							
572				(2") SANITARY PIPE	1620	LF							
573				(2") VENT PIPE	650	LF							
				(3") SANITARY PIPE	1780	LF							
				(3") VENT PIPE	630	LF							
				Subtotal									
			160000	DIVISION 16 - ELECTRICAL									
574				LIGHT FIXTURE									
575				A1 - 6" SURFACE MOUNT LED DOWNLIGHT - MANUF: HALO, MODEL: SLD 1200 SERIES / SLD612835WH/80 CRI/3500K/WHITE	15	EA							
576				A1 - 6" SURFACE MOUNT LED DOWNLIGHT - MANUF: HALO, MODEL: SLD 1200 SERIES / SLD612835WH/80 CRI/3500K/WHITE	39	EA							
577				B1 - UNIT ENTRY SCONE - MANUF: SAVOY HOUSE, MODEL: 9-0901-1-89/GLENN 1-LIGHT WALL SCONE / 7"WX12"HX9"D/E26 8W 120V LED BULB (1 PER FIXTURE) / MATTE BLACK FINISH	12	EA							
578				B1 - UNIT ENTRY SCONE - MANUF: SAVOY HOUSE, MODEL: 9-0901-1-89/GLENN 1-LIGHT WALL SCONE / 7"WX12"HX9"D/E26 8W 120V LED BULB (1 PER FIXTURE) / MATTE BLACK FINISH	41	EA							
579				EM - EMERGENCY FIXTURE LIGHT - SEALED NICKEL CADMIUM BATTERY, CIRCULAR HEAD, DAMP LOCATION LISTED, W/ BATTERY CAPACITY TO POWER REMOTE HEAD, MANUF: SURE LITES SEL50 SERIES LITHONIA	8	EA							
580				EM - EMERGENCY FIXTURE LIGHT - SEALED NICKEL CADMIUM BATTERY, CIRCULAR HEAD, DAMP LOCATION LISTED, W/ BATTERY CAPACITY TO POWER REMOTE HEAD, MANUF: SURE LITES SEL50 SERIES LITHONIA	24	EA							
581				EMR1 - REMOTE HEAD, PAIRED W/ EMERGENCY FIXTURE OR EXIT SIGN, SINGLE HEAD, MANUF: SURE LITES SRP SERIES	4	EA							
582				S1 - 4' LED STRIP LIGHT - METALUX SNLED SERIES, LITHONIA	4	EA							
583				S1 - 4' LED STRIP LIGHT - METALUX SNLED SERIES, LITHONIA	18	EA							
584	E1-11A TO EP1-32			S3 - 4' SURFACE/WALL MOUNTED LED FIXTURE, INTEGRAL OCCUPANCY SENSOR W/ 0-10V DIMMING, STEP DIMMING, HIGH LUMEN OUTPUT, INTEGRAL 14W BATTERY PACK, MANUF: METALUX SWLED SERIES LITHONIA	3	EA							
585				S3 - 4' SURFACE/WALL MOUNTED LED FIXTURE, INTEGRAL OCCUPANCY SENSOR W/ 0-10V DIMMING, STEP DIMMING, HIGH LUMEN OUTPUT, INTEGRAL 14W BATTERY PACK, MANUF: METALUX SWLED SERIES LITHONIA	9	EA							
586				X1 - EXIT SIGN, LED LAMP, POLYCARBONATE HOUSING, SELF CONTAINED BATTERY, MODEL: SURE LITES LPX SERIES LITHONIA	6	EA							
587				X1 - EXIT SIGN, LED LAMP, POLYCARBONATE HOUSING, SELF CONTAINED BATTERY, MODEL: SURE LITES LPX SERIES LITHONIA	9	EA							
588				D - 7" SURFACE MOUNTED LED FIXTURE - MANUF: SATCO - S29331 / 7" FLUSH MOUNT LED FIXTURE - ROUND /120V	434	EA							
				F - 50" CEILING FAN W/ LED LIGHT KIT - MANUF: CASK INDUSTRIES - CF104/4-BLADE/50"WX19.5"H	141	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST		
							MHrs/ Unit	\$/Hour	(\$Per Unit)						
589	E1-11A TO EP1-32			P - ISLAND PENDANT - MANUF: KUZCO LIGHTING - MODEL: VANDERBILT 493210-WH/GD/10"DIA X 12"H / 120" MAX CORD LENGTH	109	EA									
590				VA - VANITY SCONE - MANUF: QUORUM INTERNATIONAL - MODEL: 507-3-6980/EPSY 3-LIGHT VANITY / 9.25"H X23.5"W X 7"D / 100W MAX WATTAGE	155	EA									
591				W - EXTERIOR SCONE - MANUF: QUORUM INTERNATIONAL - MODEL: 730-69/TORREY SM LANTERN - NR/13.75"H X 7.5"W X 14.75"D / 100W MAX	37	EA									
				LIGHTING CONTROLS											
592				OCCUPANCY SENSOR SWITCH	3	EA									
593				OCCUPANCY SENSOR SWITCH	12	EA									
594				3-WAY SWITCH	226	EA									
595				SINGLE TOGGLE SWITCH	675	EA									
				RECEPTACLES & SWITCHES											
596				DUPLEX RECEPTACLE	805	EA									
597				DUPLEX RECEPTACLE	24	EA									
598				GFI DUPLEX RECEPTACLE	460	EA									
599				GFI RECEPTACLE WEATHER PROOF	41	EA									
600				QUAD RECEPTACLE	2	EA									
601				QUAD RECEPTACLE	6	EA									
602				240 VOLT RECEPTACLE	106	EA									
603				COMBINATION DATA/ TELE OUTLET	282	EA									
604				JUNCTION BOX	106	EA									
605				SPLIT DUPLEX RECEPTACLE	53	EA									
606				TELEVISION OUTLET	151	EA									
607				USB DUPLEX RECEPTACLE	164	EA									
608				USB GFI DUPLEX RECEPTACLE	36	EA									
				DISCONNECT SWITCHES											
609							SERVICE DISCONNECT "D1A3"	1	EA						
							LOW VOLTAGE & OTHER ELECTRICAL DEVICES								
610							METER STACK	8	EA						
611							METERCENTER ELBOW	4	EA						
612							METERCENTER MAIN	4	EA						
613							ELECTRIC WIRING	1	LS						
							ELECTRIC BREAKER								
614							ELECTRIC BREAKER - 1P 20A	753	EA						
615							ELECTRIC BREAKER - 2P 30A	104	EA						
616							ELECTRIC BREAKER - 2P 50A	52	EA						
				ELECTRIC PANEL											
617				LOAD CENTER - 125A MLO 1PHASE 3W	36	EA									
618				ELECTRIC PANEL "A1" - 400A MLO 3PHASE 4W	1	EA									
619				ELECTRIC PANEL "A3" - 400A MLO 3PHASE 4W	1	EA									
				FIRE ALARM											
620				FIRE ALARM DOOR HOLDER	6	EA									
621				FIRE ALARM MINI HORN (CANDELAS)	130	EA									
622				FIRE ALARM HORN W/STROBE (CANDELAS)	3	EA									
623				FIRE ALARM HORN W/STROBE (CANDELAS)	19	EA									
624				FIRE ALARM PULL STATION	3	EA									
625				FIRE ALARM PULL STATION	3	EA									
626				SMOKE ALARM	3	EA									
627				SMOKE DETECTOR	18	EA									
628				SPRINKLER FLOW SWITCH	1	EA									
629				SPRINKLER FLOW SWITCH	3	EA									
630				SPRINKLER VALVE TAMPER SWITCH	1	EA									
631				SPRINKLER VALVE TAMPER SWITCH	3	EA									
632				120V, SELF CONTAINED AUDIBLE CARBON MONOXIDE SMOKE ALARM	98	EA									
633				120V, SELF CONTAINED AUDIBLE SMOKE ALARM	88	EA									
				Subtotal											

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
667				(4" Thick) Reinforced concrete slab w/ post tensioning. (f'c = 3000 PSI)	13180	SF							
668	S1-11B	S0-01, S3-01 & S3-02		SLAB ON GRADE									
669				Compaction of sub-grade.	550	SF							
670				(10 MIL) Vapor barrier.	550	SF							
671	S1-12B to S1-15B			(4" Thick) Concrete slab w/ C/P 6x6 - 10/10 WWM. (f'c = 3000 PSI)	550	SF							
				Metal pan concrete stair.	320	SF							
				Subtotal									
			040000	DIVISION 04 - MASONRY									
			042000	UNIT MASONRY									
672	A1-11A TO ID-7.3			Exterior Type BR-1, Brick Veneer-Gray.	2310	SF							
				Subtotal									
			050000	DIVISION 05 - METAL									
			051200	STRUCTURAL STEEL									
673	S1-12B			W16x31	65	LF							
674				W18x35	40	LF							
675				W18x50	90	LF							
676				W18x76	205	LF							
677	S1-12B		053000	METAL DECK									
				Metal canopy.	215	SF							
678			055000	METAL FABRICATIONS									
				MISC. Item.	1	LS							
			057000	ORNAMENTAL METAL									
679	A1-11A TO ID-7.3			Type-MR-1, 42" Aluminum picket railing.	695	LF							
680				(42" H) Hand Rail.	110	LF							
				Subtotal									
			060000	DIVISION 06 - WOOD, PLASTIC AND COMPOSITES									
			061053	WOOD FRAMING									
681	S1-12A to S1-16B			(2x8) Header beam.	1110	LF							
682				(2x10) Header beam.	1070	LF							
683				(2x12) Header beam.	8	LF							
684				5.5x11.25 GL	410	LF							
685				5.5x14 GL	70	LF							
686				5.5x18 GL	265	LF							
687				7x18 GL	255	LF							
688				5.25x11.25 PSL	275	LF							
689				(2-1.75x9.25) LVL beam.	5	LF							
690				Pre-Fabricated wood floor trusses	28025	LF							
691				Pre-Engineered Roof Trusses	7885	LF							
692				(2x12) Canopy SCAB	1020	LF							
693				(2x12) Roof joist.	65	LF							
694				Joist hanger.	4821	EA							
695	S1-12A to S1-15A		061000	ROUGH CARPENTRY									
696				(3/4") T&G OSB or Plywood sheathing.	55710	SF							
697	A1-11A TO ID-7.3			(5/8") Exterior grade OSB or Plywood sheathing.	16520	SF							
				SHEARWALL									
				(5/8", 1-Layer) Plywood sheathing.	17640	SF							
698	A1-11A TO ID-7.3		064100	ARCHITECTURAL WOOD CASEWORK									
723				(12" W) Road & Shelf.	1315	LF							
707				(63"x1Dx3'6"H) Wall cabinet.	1	EA							
701				(12"Lx2Dx2'10"H) Wall cabinet.	13	EA							
709				(13"Lx2Dx2'10"H) Wall cabinet.	1	EA							
713				(113"Lx1Dx2'6"H) Wall cabinet.	14	EA							
720				(112"Lx1Dx2'6"H) Wall cabinet.	7	EA							
716				(15"x1Dx2'6"H) Wall cabinet.	1	EA							
711				(13'6"Lx1Dx2'6"H) Wall cabinet.	7	EA							
707				(14'Lx1D2'10"H) Wall cabinet.	1	EA							
708				(12'Lx2Dx2'10"H) Base cabinet.	14	EA							
709				(6'Lx2Dx2'10"H) Base cabinet.	70	EA							
710				(11'Lx2Dx2'10"H) Base cabinet.	8	EA							
711				(6'Lx2Dx2'10"H) Base cabinet.	28	EA							
712				(8'8"Lx2Dx2'10"H) Base cabinet.	14	EA							
713				(12'Lx1Dx2'6"H) Base cabinet.	10	EA							
714				(9'8"Lx2Dx2'10"H) Base cabinet.	10	EA							
715				(4'Lx2Dx2'10"H) Base cabinet.	7	EA							
716				(8'8"Lx2Dx2'10"H) Base cabinet.	7	EA							
717				(8'Lx2Dx2'10"H) Base cabinet.	9	EA							
718				(10'x2Dx1'9"H) Base cabinet.	1	EA							
719				(113"x2Dx1'9"H) Base cabinet.	2	EA							
720				(124"x1Dx2'6"H) Base cabinet.	2	EA							
721				(13'x2Dx2'10"H) Base cabinet.	1	EA							
722				(3'x2Dx2'10"H) Base cabinet.	1	EA							
723				Cabinet.	110	EA							
				16" Mud bench	53	EA							
				Subtotal									
			070000	DIVISION 07 - THERMAL AND MOISTURE PROTECTION									
724	A2-10			ROOFING									
725				(R-38) Roof insulation.	16520	SF							
726	A1-11A TO ID-7.3			(60 MIL) TPO Roofing.	16520	SF							
727				Walking pad	925	SF							
			076000	SHEET METAL FLASHING AND TRIM									
728	A1-11A TO ID-7.3			Downspout.	355	LF							
729				Gutter	530	LF							
				Subtotal									
			080000	DIVISION 08 - OPENING									
			080152	WOOD WINDOWS									
730	A1-11A TO ID-7.3			Type W 04. (6'-0" W x 6'-0" H) Single vinyl window.	180	EA							
731				Type W 03. (5'-0" W x 6'-0" H) Single vinyl window.	35	EA							
732				(19'-0" W x 5'-6"H) Glass window.	1	EA							
733				Type S01&S03- (9'-0" W x 9'-0" H) Storefront.	10	EA							
734				Type S02- (5'-11 1/2" w x 9'-0" H) Storefront.	2	EA							
735				Type S04- (6'-4" W x 9'-0" H) Storefront.	2	EA							
736				Type S05- (6'-4" W x 9'-0" H) Storefront.	2	EA							
737				Type S06- (10'-0" W x 9'-0" H) Storefront.	1	EA							
738	A1-11A TO ID-7.3		081113	HOLLOW METAL DOORS, FRAMES AND HARDWARE									
739				(3'-0" W x 7'-0" H) HM door & frame.	1	EA							
			082100	WOOD DOORS									
740				(HR 90 MIN) (6'-0" W x 7'-0" H) Fiberglass door & frame.	4	EA							
741				(HR 90 MIN) (3'-0" W x 7'-0" H) HM door & frame.	4	EA							

[illegible]

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
827				Type RB-1 Rubber base.	125	LF							
828				Type WD-7, Wood wall trim.	15	LF							
			099100	<u>PAINING</u>									
829	A1-11A TO ID-7.3			GWB ceiling paint.	57500	SF							
831				GWB wall paint.	231275	SF							
				Door paint. (548 EA)	51475	SF							
				Subtotal									
			100000	DIVISION 10 - SPECIALTIES									
			101510	TOILET COMPARTMENTS									
832	A1-11A TO ID-7.3			Compartment wall. (6' H)	215	LF							
			102813	TOILET AND BATH ACCESSORIES									
833	A1-11A TO ID-7.3			Toilet paper holder.	68	EA							
834				Towel bar.	68	EA							
835				Mirror.	70	EA							
836				(36"x60") Tub	21	EA							
				Subtotal									
			110000	DIVISION 11 - EQUIPMENT									
837	A1-11A TO ID-7.3			Dishwasher.	61	EA							
838				Range & Micro wave.	60	EA							
839				Refrigerator	61	EA							
840				Washer/Dryer stacked	60	EA							
841				Dryer	15	EA							
				Subtotal									
			120000	DIVISION 12 - FURNISHING									
			123660	QUARTZ SURFACING COUNTERTOPS									
842				QUARTZ COUNTER TOP - MSI SURFACES - MANHATTAN GRAY 3CM - POLISHED	2525	SF							
				Subtotal									
			150000	DIVISION 15 - HEATING, VENTILATING, AND AIR- CONDITIONING (HVAC)									
843	M1-11A TO MP1-21			- (20"x14") Return grille - Manuf: Titus, Model: 355RS, Steel	1	EA							
844				DS 1-1-1 - Ductless split system w/ Heat pump Outdoor unit DSHP 1-1-1, Manuf: MITSUBISHI ELECTRIC, MODEL: PKA/PUZ, (705 CFM)	1	EA							
845				EF 1-1-1 - Exhaust fan, Manuf: Broan, Model: L300, 300 CFM	1	EA							
846				EF 1-1-2 - Exhaust fan, Manuf: Broan, Model: L200, 200 CFM	1	EA							
847				EF 1-1-3 - Exhaust fan, Manuf: Broan, Model: L250, 250 CFM	1	EA							
848				EF 1-1-6 - Exhaust fan, Manuf: Broan, Model: AE80, 80 CFM	1	EA							
849				EH 1-1-1 - ELECTRIC HEATER, MANUF: MARLEY, MODEL NO: AWH (100 CFM)	1	EA							
850				EH 1-1-3 - ELECTRIC HEATER, MANUF: MARLEY, MODEL NO: AWH (100 CFM)	1	EA							
851				ELECTRIC DUCT COIL	1	EA							
852				ESP-1 - PUMP - MODEL: STANCO OIL MINDER SYSTEM W/ ALARM & REMOTE MONITORING CIRCUIT	1	EA							
853				FC 1-1-2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-1- 2, Manuf: CARRIER, FE4A/25HCE (1600CFM)	1	EA							
854				FC 1-1-3 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-1- 3, Manuf: CARRIER, FE4A/25HCE (1600CFM)	1	EA							
855				FC 1-1-4 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-1- 4, Manuf: CARRIER, FE4A/25HCE (1600CFM)	1	EA							
856				FC 1-1-5 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-1- 5, Manuf: CARRIER, FE4A/25HCE (1600CFM)	1	EA							
857				FC 1-1-6 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-1- 6, Manuf: CARRIER, FE4A/25HCE (1600CFM)	1	EA							
858				FC 1-1-7 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-1- 7, Manuf: CARRIER, FE4A/25HCE (1600CFM)	1	EA							
859				FC 1-2-2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-2- 2, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA							
860				FC 1-3-2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-3- 2, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA							
861				FC 1-4-2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-4- 2, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA							
862				Fire damper	4	EA							
863				HWR-1 - HOT WATER RETURN PUMP - MODEL: TACO 006, INLINE	1	EA							
864				L1 - LOUVER - MANUF: GREENHECK, MODEL: ESD-435	1	EA							
865				L2 - LOUVER - MANUF: GREENHECK, MODEL: ESD-435	1	EA							
866				NFWH - NON-FREEZE EXTERIOR WALL HYDRANT, (3/4") CAST BRONZE HYDRANT, RECESSED W/ STAINLESS STEEL BOX, VACCUUM BREAKER, NICKEL BRONZE - JAY R. SMITH FIGURE 5509-QT	4	EA							
867				NON-FREEZE WALL HYDRANT, ROOF MOUNT PEDESTAL W/ MOUNTING FLANGE & SHROUD, MALE HOSE END OUTLET W/ DUAL CHECK BACKFLOW PREVENTER, (3/4") INLET W/ SELF DRAINING VENTURI - WOODFORD MODEL SRH-MS	1	EA							
868				RG2 - (20"x18") Return grille - Manuf: Titus, Model: 355RS, Steel	6	EA							
869				SF 1-1-1 - SUPPLY FAN - MANUF: GREENHECK, MODEL: SQ 90- 95, TYPE: INLINE (250 CFM)	1	EA							
870				SG16 - (14x8) Supply grille - Manuf: Titus, Model: 301RS, Steel (200 CFM) w/ Radiation damper	15	EA							
871				EF A - EXHAUST FAN - MANUF: BROAN, MODEL: 670, (50 CFM)	67	EA							
872				FC A2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A2, Manuf: CARRIER, FFMA/25HCE (600CFM)	13	EA							
873				FC A3 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A3, Manuf: CARRIER, FFMA/25HCE (600CFM)	1	EA							
874				FC A4 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A4, Manuf: CARRIER, FFMA/25HCE (600CFM)	14	EA							
875				FC A4-HC - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A4-HC, Manuf: CARRIER, FFMA/25HCE (600CFM)	1	EA							
876				FC A5 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A5, Manuf: CARRIER, FFMA/25HCE (600CFM)	10	EA							
877				FC B1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B1, Manuf: CARRIER, FFMA/25HCE (600CFM)	7	EA							
878				FC B2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B2, Manuf: CARRIER, FFMA/25HCE (800CFM)	7	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
879				Radiation damper	360	EA							
880				RG2 - (36"X10") Return grille - Manuf: Titus, Model: 355RS	17	EA							
881				RG2 - (36"X12") Return grille - Manuf: Titus, Model: 355RS	7	EA							
882				RG3 - (16"X10") Return grille - Manuf: Titus, Model: 350RL	80	EA							
883				RG3 - (36"X10") Return grille - Manuf: Titus, Model: 350RL	28	EA							
884				RG3 - (36"X12") Return grille - Manuf: Titus, Model: 350RL	1	EA							
885				SG16 - (14x8) Supply grille - Manuf: Titus, Model: 301RS, Steel	173	EA							
886				SG16 - (8x6) Supply grille - Manuf: Titus, Model: 301RS, Steel	132	EA							
887	M1-11A TO MP1-21			Galvanized sheet metal duct w/ Wrap equal to ownes corning									
888				(12x12) Metal duct	35	LF							
889				(12x4) Metal duct	25	LF							
890				(12X10) Metal duct	260	LF							
891				(14X10) Metal duct	75	LF							
892				ROUND DUCT									
893				(8"Dia) Round duct	110	LF							
894				(4"Dia) Round duct	3050	LF							
895				FLEXIBLE ROUND DUCT									
896				(10"Dia) Flexible round duct	320	LF							
897				(8"Dia) Flexible round duct	430	LF							
898				(4"Dia) Flexible Round duct	413	LF							
				(5"Dia) Flexible Round duct	594	LF							
				(7"Dia) Flexible Round duct	1133	LF							
				(8"Dia) Flexible Round duct	2605	LF							
				Subtotal									
			150000	DIVISION 15 - PLUMBING									
899	P1-11A TO P3-08			(1/2") VALVED COLD WATER CONNECTION FOR COFFEE MAKER	1	EA							
900				DOG WASH TUB	2	EA							
901				EW-C1 - ELECTRIC WATER COOLER	1	EA							
902				FCO - FLOOR CLEANOUT - CAST IRON CLEANOUT W/ GSKET SEAL & THREADED PLUG, ADJUSTABLE CAST IRON ROUND TOP W/ SECURING SCREW - JAY R. SMITH FIGURE 4220	8	EA							
903				FD-1 - (2") FLOOR DRAIN - CAST IRON FLOOR DRAIN W/ (6") SQUARE NICKEL BRONZE STRAINER, SPEEDI-SET OUTLET, & TRAP PRIMER - JAY R SMITH FIGURE 2005-B6	2	EA							
904				FD-1 - (3") FLOOR DRAIN - CAST IRON FLOOR DRAIN W/ (6") SQUARE NICKEL BRONZE STRAINER, SPEEDI-SET OUTLET, & TRAP PRIMER - JAY R SMITH FIGURE 2005-B6	2	EA							
905				FD-2 - (4") FLOOR DRAIN - CAST IRON (12"Dia) DRAIN W/ SEDIMENT BUCKET, Cast IRON GRATE, Speedi set OUTLET, & TRAP PRIMER - JAY R. SMITH FIGURE 2142-M	1	EA							
906				HAIR INTERCEPTOR AT DOGS WASH TUB DRAINS, WATTS SI-762	1	EA							
907				IM-1 - ICE MAKER OUTLET BOX: ABS, LEAD FREE W/ QUARTER TURN BALL VALVE & WATER HAMMER ARRESTOR - SIOUX CHIEF 696-G1010	7	EA							
908				KS-2A - KITCHEN SINK - PUBLIC	2	EA							
909				LAV-2A - LAVATORY - PUBLIC	4	EA							
910				MS-1 - MOP SINK	1	EA							
911				S-3A - SINK-PUBLIC	1	EA							
912				S1-A - SINK - PUBLIC	1	EA							
913				S2A - SINK - PUBLIC	1	EA							
914				THERMOSTATIC MXING VALVE - LEONARD MODEL: 270-LF	1	EA							
915				UR-1A - URINAL	1	EA							
916				WC-2 - WATER CLOSET - PUBLIC	3	EA							
917				WC-2A - WATER CLOSET - PUBLIC	2	EA							
918				WH-3 - WATER HEATER - MODEL: DEN-40 - 38 GAL, W/ T&P RELEIF VALVE, VACCUM RELIEF VALVE & WATTS LFBRV COMBINATION BALL & THERMAL RELIEF VALVE, A O SMITH - SURA-POWER SERIES	2	EA							
919				(2") HUB DRAIN W/ PRIMER CONNECTION	46	EA							
920				AAV - AIR ADMITTANCE VALVE - STUDOR MINI-VENT, INTERNAL SCREENING, PREVENTS THE RELEASE OF FOUL AIR WHITE ABS	46	EA							
921				IM-1 - ICE MAKER OUTLET BOX: ABS, LEAD FREE W/ QUARTER TURN BALL VALVE & WATER HAMMER ARRESTOR - SIOUX CHIEF 696-G1010	46	EA							
922				KS-1 - KITCHEN SINK - RESIDENTIAL	46	EA							
923				LAV-1 - LAVATORY - RESIDENTIAL	93	EA							
924				SH-1 - SHOWER - RESIDENTIAL W/ SHOWER HEAD	45	EA							
925				SHUTT-OFF VALVE	46	EA							
926				WATER SUBMETER	46	EA							
927				WC-1 - WATER CLOSET - RESIDENTIAL	53	EA							
928				WH-1 - WATER HEATER - MODEL: ENLB-40 - 38 GAL, W/ T&P RELEIF VALVE, VACCUM RELIEF VALVE & WATTS LFBRV COMBINATION BALL & THERMAL RELIEF VALVE, A O SMITH - PROLINE SERIES	39	EA							
929				WH-2 - WATER HEATER - MODEL: ENLB-50 - 48 GAL, W/ T&P RELEIF VALVE, VACCUM RELIEF VALVE & WATTS LFBRV COMBINATION BALL & THERMAL RELIEF VALVE, A O SMITH - PROLINE SERIES	7	EA							
930				WM-1 - WASHING MACHINE OUTLET BOX, ABS, LEAD FREE W/ QUARTER TURN BALL VALVE, WATER HAMMER ARRESSTOR - SIOUX CHIEF 696-G1010 SERIES	46	EA							
931	P1-11A TO P3-08			DOMESTIC WATER PIPING									
932				(1-1/2") COLD WATER PIPE	330	LF							
933				(2-1/2") COLD WATER PIPE	185	LF							
934				(3") COLD WATER PIPE	160	LF							
935				(4") COLD WATER PIPE	200	LF							
936				(1/2") COLD WATER PIPE	2013	LF							
937				(1/2") HOT WATER PIPE	1626	LF							
938				(1-1/4") COLD WATER PIPE	215	LF							
939				(3/4") COLD WATER PIPE	1486	LF							
940				(3/4") HOT WATER PIPE	857	LF							
941				SANITARY PIPING									
942				(4") SANITARY PIPE	25	LF							
943				(6") SANITARY PIPE	295	LF							
944				(8") SANITARY PIPE	250	LF							
945				(2") SANITARY PIPE	1858	LF							
946				(2") VENT PIPE	718	LF							
				(3") SANITARY PIPE	1979	LF							
				(3") VENT PIPE	484	LF							
				Subtotal									
			160000	DIVISION 16 - ELECTRICAL									
				LIGHT FIXTURE									
947				A1 - 6" SURFACE MOUNT LED DOWNLIGHT - MANUF: HALO, MODEL: SLD 1200 SERIES / SLD612835WH/80 CRI/3500K/WHITE	84	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
948	E1-11A TO EP1-32			B1 - UNIT ENTRY SCONE - MANUF: SAVOY HOUSE, MODEL: 9-0901-1-89/GLENN 1-LIGHT WALL SCONE / 7"WX12"HX9"D/E26 8W 120V LED BULB (1 PER FIXTURE) / MATTE BLACK FINISH	53	EA							
949				EM - EMERGENCY FIXTURE LIGHT - SEALED NICKEL CADMIUM BATTERY, CIRCULAR HEAD, DAMP LOCATION LISTED, W/ BATTERY CAPACITY TO POWER REMOTE HEAD, MANUF: SURE LITES SEL50 SERIES LITHONIA	40	EA							
950				EMR1 - REMOTE HEAD, PAIRED W/ EMERGENCY FIXTURE OR EXIT SIGN, SINGLE HEAD, MANUF: SURE LITES SRP SERIES	2	EA							
951				S1 - 4' LED STRIP LIGHT - METALUX SNLED SERIES, LITHONIA	28	EA							
952				S2E - 4' LED VAPORTIGHT STRIP, IMPACT RESISTANT POLYCARBONATE HOUSING, IMPACT RESISTANT FROASTED POLYCARBONATE LENS, LED LAMP, WIDE DISTRIBUTION, MANUF: LITHONIA VAP LED SERIES, PHILIPS W/ 1600 LUMEN BATTERY	2	EA							
953				S2E - 4' LED VAPORTIGHT STRIP, IMPACT RESISTANT POLYCARBONATE HOUSING, IMPACT RESISTANT FROASTED POLYCARBONATE LENS, LED LAMP, WIDE DISTRIBUTION, MANUF: LITHONIA VAP LED SERIES, PHILIPS W/ 1600 LUMEN BATTERY	2	EA							
954				S3 - 4' SURFACE/WALL MOUNTED LED FIXTURE, INTEGRAL OCCUPANCY SENSOR W/ 0-10V DIMMING, STEP DIMMING, HIGH LUMEN OUTPUT, INTEGRAL 14W BATTERY PACK, MANUF: METALUX SWLED SERIES LITHONIA	15	EA							
955				X1 - EXIT SIGN, LED LAMP, POLYCARBONATE HOUSING, SELF CONTAINED BATTERY, MODEL: SURE LITES LPX SERIES LITHONIA	27	EA							
956				X1 - EXIT SIGN, LED LAMP, POLYCARBONATE HOUSING, SELF CONTAINED BATTERY, MODEL: SURE LITES LPX SERIES LITHONIA	4	EA							
957				D - 7" SURFACE MOUNTED LED FIXTURE - MANUF: SATCO - S29331 / 7" FLUSH MOUNT LED FIXTURE - ROUND /120V	357	EA							
958				F - 50" CEILING FAN W/ LED LIGHT KIT - MANUF: CASK INDUSTRIES - CF104/4-BLADE/50"WX19.5"H	120	EA							
959				P - ISLAND PENDANT - MANUF: KUZCO LIGHTING - MODEL: VANDERBILT 493210-WH/GD/10"DIA X 12"H / 120" MAX CORD LENGTH	120	EA							
960				VA - VANITY SCOSCE - MANUF: QUORUM INTERNATIONAL - MODEL: 507-3-6980/EP5Y 3-LIGHT VANITY / 9.25"H X23.5"W X 7"D / 100W MAX WATTAGE	114	EA							
961				W - EXTERIOR SCONE - MANUF: QUORUM INTERNATIONAL - MODEL: 730-69/TORREY SM LANTERN - NR/13.75"H X 7.5"W X 14.75"D / 100W MAX	53	EA							
962				L-17 - SEMI-FLUSH CEILING FIXTURE	11	EA							
963				L-1 - (4") SQUARE RECESSED DOWNLIGHT	196	EA							
964				L-10 PICTURE LIGHT	6	EA							
965				L-11 - MINI PENDANT	4	EA							
966				L-12 - PENDANT	8	EA							
967				L-13 - SEMI FLUSH CEILING FIXTURE	8	EA							
968				L-15 - HARDWARE TABLE LAMP	2	EA							
969				L-16 - PENDANT	4	EA							
970				L-18 - CHANDLIER	1	EA							
971				L-19 - MINI PENDANT	5	EA							
972				L-2 - 6" GLIMPSE SURFACE MOUNT	17	EA							
973				L-20 - WALL SCONE	6	EA							
974				L-22 - MINI PENDANT	6	EA							
975				L-23 - LINEAR SURFACE MOUNT LED	9	EA							
976				L-24 - SEMI FLUSH CEILING FIXTURE	3	EA							
977				L-25 - TRACK LIGHTING FIXTURE	6	EA							
978				L-26 - RECESSED CEILING FIXTURE	12	EA							
979				L-27 - CEILING FAN	5	EA							
980				L-28 - WALL SCONE	2	EA							
981				L-4 - 40" CHANDLIER	1	EA							
982				L-5 - 48" CHANDLIER	2	EA							
983				L-6 - WALL SCONE	2	EA							
984				L-7 - MINI-PENDANT	3	EA							
985				L-8 - PENDANT	6	EA							
986				L-9 - SEMI FLUSH DRUM	2	EA							
987				L21 - PENDANT - MANUF: SATCO NUVO - MODEL: BIZET 1 LIGHT MINI PENDANT / NUVO 60-7242 / VINTAGE BRASS/60W MAX E26 MEDIUM BASE G40	4	EA							
988				L3 - 24" CHANDLIER	2	EA							
989				LIGHTING CONTROLS									
990				3-WAY SWITCH	255	EA							
991				OCCUPANCY SENSOR	8	EA							
992				OCCUPANCY SENSOR SWITCH	4	EA							
993				SINGLE POLE SWITCH	660	EA							
994				RECEPTACLES & SWITCHES									
995				DUPLEX RECEPTACLE	694	EA							
996				DUPLEX RECEPTACLE	41	EA							
997				GFI DUPLEX RECEPTACLE	526	EA							
998				GFI DUPLEX RECEPTACLE WEATHER PROOF	59	EA							
999				TWO WAY COMMUNICATION CALL BOX	5	EA							
1000				240 VOLT RECEPTACLE	104	EA							
1001				COMBINATION DATA/ TELE OUTLET	251	EA							
1002				JUNCTION BOX	106	EA							
1003				SPLIT DUPLEX RECEPTACLE	53	EA							
1004				TELEVISION OUTLET	132	EA							
1005				USB DUPLEX RECEPTACLE	180	EA							
1006				USB GFI DUPLEX RECEPTACLE	40	EA							
1007				USB OUTLET FLOOR BOX	6	EA							
1008				FLOOR BOX DUPLEX RECEPTACLE	15	EA							
1009				DISCONNECT SWITCHES									
1010				DISCONNECT SWITCH	2	EA							
1011				LOW VOLTAGE & OTHER ELECTRICAL DEVICES									
1012				METER/CENTER MAIN	2	EA							
1013				ELECTRIC WIRING	1	LS							
1014				ELECTRIC BREAKER									
1015				ELECTRIC BREAKER - 1P 20A	797	EA							
1016				ELECTRIC BREAKER - 2P 30A	104	EA							
1017				ELECTRIC BREAKER - 2P 50A	52	EA							
1018				ELECTRIC PANEL									
1019				LOAD CENTER - 125A MLO 1PHASE 3W	65	EA							
1020				ELECTRIC PANEL "B2" - 400A MLO 3PHASE 4W	1	EA							
1021				ELECTRIC PANEL "B4" - 200A MLO 3PHASE 4W	1	EA							
1022				FIRE ALARM									
1023				FIRE ALARM ANNUNCIATOR	1	EA							
1024				FIRE ALARM DOOR HOLDER	3	EA							
1025				FIRE ALARM DOOR HOLDER	13	EA							
1026				FIRE ALARM HORN W/STROBE (CANDELAS)	7	EA							

[illegible]

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
			061000	ROUGH CARPENTRY									
1088	S1-12A to			(3/4") T&G OSB or Plywood sheathing.	38140	SF							
1089	S1-16C			(5/8") Exterior grade OSB or Plywood sheathing.	10380	SF							
	A1-11A TO			SHEARWALL									
1090	ID-7.3			(5/8", 1-Layer) Plywood sheathing.	23580	SF							
			064100	ARCHITECTURAL WOOD CASEWORK									
1091				(12" W) Road & Shelf.	110	LF							
1092				(12"Lx2Dx2"10"H) Wall cabinet.	13	EA							
1093				(11"3"Lx1Dx2"6"H) Wall cabinet.	8	EA							
1094				(12"Lx1Dx2"6"H) Wall cabinet.	4	EA							
1095				(13"6"Lx1Dx2"6"H) Wall cabinet.	14	EA							
1096				Unit B3- (11"Lx1Dx2"6"H) Wall cabinet.	4	EA							
1097				(12"Lx2Dx2"10"H) Base cabinet.	9	EA							
1098				(6"Lx2Dx2"10"H) Base cabinet.	78	EA							
1099				(3"6"Lx2Dx2"10"H) Base cabinet.	4	EA							
1100				(8"8"Lx2Dx2"10"H) Base cabinet.	8	EA							
1101				(12"Lx1Dx2"6"H) Base cabinet.	5	EA							
1102				(9"8"Lx2Dx2"10"H) Base cabinet.	5	EA							
1103				(11"9"Lx2Dx2"10"H) Base cabinet.	4	EA							
1104				(11"Lx2Dx2"10"H) Base cabinet.	14	EA							
1105				(6"8"Lx2Dx2"10"H) Base cabinet.	4	EA							
1106				(9"4"Lx2Dx2"10"H) Base cabinet.	4	EA							
1107				16" Mud bench	13	EA							
1108				Cabinet.	80	EA							
				Subtotal									
			070000	DIVISION 07 - THERMAL AND MOISTURE PROTECTION									
				ROOFING									
1109	A2-10			(R-38) Roof insulation.	10380	SF							
1110				(60 MIL) TPO Roofing.	10380	SF							
1111	A1-11A TO			Walking pad	480	SF							
1112	ID-7.3			Air/Moisture barrier.	9490	SF							
			076000	SHEET METAL FLASHING AND TRIM									
1113	A1-11A TO			Downspout	355	LF							
1114	ID-7.3			Gutter	425	LF							
				Subtotal									
			080000	DIVISION 08 - OPENING									
			080152	WOOD WINDOWS									
1115				Type W 01, (2'-6" W x 6'-0" H) Single vinyl window.	8	EA							
1116				W 02, (3'-0" W x 6'-0" H) Single vinyl window.	4	EA							
1117				Type W 04, (6'-0" W x 6'-0" H) Single vinyl window.	75	EA							
1118				Type W 03, (5'-0" W x 6'-0" H) Single vinyl window.	17	EA							
1119				Type S01&S03- (9'-0" W x 9'-0" H) Storefront.	5	EA							
1120				Type S05- (6'-4" W x 9'-0" H) Storefront.	2	EA							
1121				Type S07- (10'-0" W x 9'-0" H) Storefront.	1	EA							
1122				Type S08- (8'-6 1/2" W x 6'-0" H) Storefront.	1	EA							
1123				Type S09- (7'-0" W x 9'-0" H) Storefront.	1	EA							
			081113	HOLLOW METAL DOORS, FRAMES AND HARDWARE									
1124				(HR 45 MIN)(3'-0" W x 7'-0" H) HM door & frame.	12	EA							
1125				(HR 90 MIN) (3'-0" W x 7'-0" H) HM door & frame.	4	EA							
1126				(3'-0" W x 8'-0" H) Fiberglass door & frame.	36	EA							
1127				(HR 90 MIN) (6'-0" W x 7'-0" H) Fiberglass door & frame.	8	EA							
			082100	WOOD DOORS									
1128				(2'-10" W x 6'-8" H) Solid core wood door & frame.	192	EA							
1129				(2'-6" W x 6'-8" H) Solid core wood door & frame.	13	EA							
1130				(HR 20 MIN) (3'-0" W x 7'-0" H) Solid core wood door & frame.	37	EA							
1131				(5'-0" W x 6'-8" H) Solid core wood door & frame.	12	EA							
1132				(30" W x 6'8" H) Solid core wood door.	56	EA							
1133				Unit B3, (1'-6" W x 6'-8" H) Hollow core wood door & frame.	4	EA							
			087100	FINISH HARDWARE									
1134	A1-11A TO			Door hardware. (313 EA)	1	LS							
				Subtotal									
			090000	DIVISION 09 - FINISHES									
1135	A1-11A TO			Fitness WP-1, T1-11 Painted Ceiling.	325	SF							
1136	ID-7.3			Type MOS-1, Faux Moss Wall.	145	SF							
			092600	GYPSUM BOARD ASSEMBLIES									
1137				GWB ceiling.	35210	SF							
1138				Type WP-2, Wood plank, stained Ceiling.	610	SF							
1139				Type WC-4, Wall covering.	215	SF							
1140				Exterior Type CP-1, Fiber cement panel (4"x10") W/ Battens-White Allura.	2640	SF							
1141				Exterior Type CP-2, Fiber cement panel (4"x10") W/ Battens-Dark gray.	6010	SF							
1142				Exterior Type CP-3, Fiber cement panel (4"x10") W/ Metal Reveals White.	615	SF							
1143				Exterior Type WP-1, Wall panel.	1455	SF							
1144				Exterior Type CT-1, (12" H)	520	LF							
1145				Exterior Type CT-1, (23" H)	80	LF							
				INTERIOR WALLS									
1146	A1-11A TO			(1 HR) TYPE 1WB4, GWB UNIT WALL (3280 LF)									
1147				(2x4) Wood studs at 16" O.C	22210	LF							
1148				(5/8", 1-Layer) Type X, GYP. BD. both side	59040	SF							
				(2x4) Top and bottom track.	9840	LF							
1149	A1-11A TO			(1 HR) TYPE 1WB6, GWB UNIT WALL (780 LF)									
1150				(2x6) Wood studs at 16" O.C	5290	LF							
1151				(5/8", 1-Layer) Type X, GYP. BD. both side	14040	SF							
				(2x6) Top and bottom track.	2340	LF							
1152				(1 HR) TYPE 1WC4, GWB WALL (230 LF)									
1153				(2x4) Wood studs at 16" O.C	1565	LF							
1154				(1/2") Resilient channel	1565	LF							
1155				(4") Batt insulation	2070	SF							
1156				(5/8", 1-Layer) Type X, GYP. BD. One side	2070	SF							
1157				(5/8", 1-Layer) Type X, Exterior grade GYP. BD. One side	2070	SF							
1158				(2x4) Top and bottom track.	690	LF							
				(1/2") Top and bottom track.	460	LF							
1159				(1 HR) TYPE 1WC6, GWB WALL (2390 LF)									
1160				(2x6) Wood studs at 16" O.C	16180	LF							
1161				(1/2") Resilient channel	16180	LF							
1162				(6") Batt insulation	21510	SF							
1163				(5/8", 1-Layer) Type X, GYP. BD. One side	21510	SF							
1164				(5/8", 1-Layer) Type X, Exterior grade GYP. BD. One side	21510	SF							
1165				(2x6) Top and bottom track.	7170	LF							
				(1/2") Top and bottom track.	4780	LF							
1166				(1 HR) TYPE 1WD4, GWB UNIT SEP. WALL (1265 LF)									
1167	A1-11A TO			(2x4) Wood studs at 16" O.C	8570	LF							
1168	ID-7.3			(4") Batt insulation	22770	SF							
				(5/8", 1-Layer) Type X, GYP. BD. both side	22770	SF							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
1169	A1-11A TO ID-7.3			(2x4) Top and bottom track.	3795	LF							
1170				(1 HR) TYPE 1WD6, GWB UNIT SEP. WALL (460 LF)									
1171				(2x6) Wood studs at 16" O.C	3125	LF							
1172				(6") Batt insulation	8280	SF							
1173				(5/8", 1-Layer) Type X, GYP. BD. both side	8280	SF							
				(2x6) Top and bottom track.	1380	LF							
1174	A1-11A TO ID-7.3			(2 HR) TYPE 2WK4, GWB SHAFT WALL (630 LF)									
1175				(2x4) Wood studs at 16" O.C	8545	LF							
1176				(4") Batt insulation	11340	SF							
1177				(5/8", 1-Layer) Type X, GYP. BD. both side	11340	SF							
1178				(1", 1-Layer) Type X, GYP. Liner panel both side	11340	SF							
				(2x4) Top and bottom track.	3780	LF							
1179	A1-11A TO ID-7.3			(2 HR) TYPE 2WK6, GWB SHAFT WALL (90 LF)									
1180				(2x6) Wood studs at 16" O.C	1236	LF							
1181				(4") Batt insulation	1620	SF							
1182				(5/8", 1-Layer) Type X, GYP. BD. both side	1620	SF							
1183				(1", 1-Layer) Type X, GYP. Liner panel both side	1620	SF							
				(2x6) Top and bottom track.	540	LF							
1184	A1-11A TO ID-7.3			(1 HR) EXTERIOR WALL (1485 LF)									
1185				(2x6) Wood studs at 16" O.C	11180	LF							
1186				(R-20) Batt insulation.	9490	SF							
1187				(5/8", 1-Layer) Typ X, GYP. BD. One side.	9490	SF							
1188				(5/8", 1-Layer) Type X, Exterior Plywood sheathing one side.	9490	SF							
				(2x6) Top and bottom track.	4455	LF							
			093100	CERAMIC / PORCELAIN TILING									
1189	A1-11A TO ID-7.3			porcelain wall tile.	1825	SF							
1190				Type WT-20, Wall tile.	525	SF							
1191				Kitchen backsplash wall tile.	660	SF							
			096000	FLOORING									
1192	A1-11A TO ID-7.3			Carpet floor.	10850	SF							
1193				Vinyl wood plank w/ sound mat floor.	20235	SF							
1194				Type LVT3, Luxury vinyl.	585	SF							
1195				Type SC-1, Sealed concrete floor.	50	SF							
1196				Floor tile.	735	SF							
1197				WV-1, Woven vinyl floor.	615	SF							
1198				Wood base painted.	10690	LF							
1199				(1"x10") Type WB-1 Wood base painted PT-2.	495	LF							
1200				(8" H) Type TB-3, Tile base.	60	LF							
1201				Type RB-1, Rubber base.	35	LF							
1202				Type WD-17, 2x2 Wood wall trim, Stained.	1230	LF							
1203				Type WD-19, 2x6 Wood wall trim, Stained.	110	LF							
			099100	PAINTING									
1204	A1-11A TO ID-7.3			6" Wood plank, P-1, T1-11 Painted Ceiling.	325	SF							
1205				Type WP-2, Wood plank, stained Ceiling.	610	SF							
1206				GWB ceiling paint.	35210	SF							
1207				GWB wall paint.	112535	SF							
1208				Door paint. (313 EA)	17535	SF							
				Subtotal									
			100000	DIVISION 10 - SPECIALTIES									
			101510	TOILET COMPARTMENTS									
1209	A1-11A TO ID-7.3			Compartment wall. (6' H)	145	LF							
			102813	TOILET AND BATH ACCESSORIES									
1210	A1-11A TO ID-7.3			Mirror.	51	EA							
1211				Toilet paper holder.	51	EA							
1212				Tower bar.	51	EA							
1213				(36"x60") Tub	40	EA							
				Subtotal									
			110000	DIVISION 11 - EQUIPMENT									
1214	A1-11A TO ID-7.3			Dishwasher.	49	EA							
1215				Range & Microwave.	49	EA							
1216				Refrigerator	49	EA							
1217				Dryer	49	EA							
1218				Washer	49	EA							
				Subtotal									
			120000	DIVISION 12 - FURNISHING									
			123660	QUARTZ SURFACING COUNTERTOPS									
1219				QUARTZ COUNTER TOP - MSI SURFACES - MANHATTAN GRAY 3CM - POLISHED	2449	SF							
				Subtotal									
			150000	DIVISION 15 - HEATING, VENTILATING, AND AIR- CONDITIONING (HVAC)									
1220	M1-11A TO MP1-21			- FC 1-5-3 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1- 5-3, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA							
1221				EF 1-1-4 - Exhaust fan, Manuf: Broan, Model: AE80, 80 CFM	1	EA							
1222				EF 1-1-5 - Exhaust fan, Manuf: Broan, Model: AE80, 80 CFM	1	EA							
1223				EH 1-1-4 - ELECTRIC HEATER, MANUF: MARLEY, MODEL NO: AWH (100 CFM)	1	EA							
1224				EWC-1 - ELECTRIC WATER COOLER	1	EA							
1225				FC 1-1-10 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1- 1-10, Manuf: CARRIER, FE4A/25HCE (1600CFM)	1	EA							
1226				FC 1-1-11 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1- 1-11, Manuf: CARRIER, FE4A/25HCE (600CFM)	1	EA							
1227				FC 1-1-8 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-1- 8, Manuf: CARRIER, FE4A/25HCE (1600CFM)	1	EA							
1228				FC 1-1-9 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-1- 9, Manuf: CARRIER, FE4A/25HCE (1600CFM)	1	EA							
1229				FC 1-2-3 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-2- 3, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA							
1230				FC 1-3-3 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-3- 3, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA							
1231				FC 1-4-3 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-4- 3, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA							
1232				Fire damper	5	EA							
1233				NFWH - NON-FREEZE EXTERIOR WALL HYDRANT, (3/4") CAST BRONZE HYDRANT, RECESSED W/ STAINLESS STEEL BOX, VACCUM BREAKER, NICKEL BRONZE - JAY R. SMITH FIGURE 5509-QT	1	EA							
1234				NFWH - NON-FREEZE EXTERIOR WALL HYDRANT, (3/4") CAST BRONZE HYDRANT, RECESSED W/ STAINLESS STEEL BOX, VACCUM BREAKER, NICKEL BRONZE - JAY R. SMITH FIGURE 5509-QT	1	EA							
1235				NON-FREEZE WALL HYDRANT, ROOF MOUNT PEDESTAL W/ MOUNTING FLANGE & SHROUD, MALE HOSE END OUTLET W/ DUAL CHECK BACKFLOW PREVENTER, (3/4") INLET W/ SELF DRAINING VENTURI - WOODFORD MODEL SRH-MS	1	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST					
							MHrs/ Unit	\$/Hour	(\$Per Unit)									
1236				RG2 - (20"x14") Return grille - Manuf: Titus, Model: 355RS, Steel	1	EA												
1237				RG2 - (20"x18") Return grille - Manuf: Titus, Model: 355RS, Steel	4	EA												
1238				SG16 - (14x8) Supply grille - Manuf: Titus, Model: 301RS, Steel (200 CFM) w/ Radiation damper	19	EA												
1239				EF A - EXHAUST FAN - MANUF: BROAN, MODEL: 670, (50 CFM)	50	EA												
1240				FC A2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A2, Manuf: CARRIER, FFMA/25HCE (600CFM)	9	EA												
1241				FC A4 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A4, Manuf: CARRIER, FFMA/25HCE (600CFM)	8	EA												
1242				FC A5 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A5, Manuf: CARRIER, FFMA/25HCE (600CFM)	5	EA												
1243				FC A6 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A6, Manuf: CARRIER, FFMA/25HCE (800CFM)	4	EA												
1244				FC B2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B2, Manuf: CARRIER, FFMA/25HCE (800CFM)	7	EA												
1245				FC B2-HC - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B2-HC, Manuf: CARRIER, FFMA/25HCE (800CFM)	1	EA												
1246				FC B3 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B3, Manuf: CARRIER, FFMA/25HCE (1000CFM)	4	EA												
1247				Radiation damper	256	EA												
1248				RG2 - (16"x10") Return grille - Manuf: Titus, Model: 355RS	8	EA												
1249				RG2 - (36"x10") Return grille - Manuf: Titus, Model: 355RS	9	EA												
1250				RG2 - (36"x12") Return grille - Manuf: Titus, Model: 355RS	12	EA												
1251				RG3 - (16"x10") Return grille - Manuf: Titus, Model: 350RL	50	EA												
1252				RG3 - (36"x10") Return grille - Manuf: Titus, Model: 350RL	17	EA												
1253				SG16 - (14x8) Supply grille - Manuf: Titus, Model: 301RS, Steel	126	EA												
1254				SG16 - (8x6) Supply grille - Manuf: Titus, Model: 301RS, Steel	92	EA												
				M1-11A TO MP1-21			Galvanized sheet metal duct w/ Wrap equal to ownes corning fiberglass w/ FRK vapor barrier. Insulation shall be R-6 except on roof shall be R-8.											
1255							(12X10) METAL DUCT	10	LF									
1256							(12X12) Metal duct	10	LF									
1257							(12X4) Metal duct	30	LF									
1258							(12X10) Metal duct	168	LF									
1259							(14X10) Metal duct	45	LF									
1260							(14X12) Metal duct	20	LF									
							ROUND DUCT											
1261							(6" Dia) Round duct	50	LF									
1262	(8"Dia) Round duct	180	LF															
1263	(4"Dia) Round duct	2214	LF															
	FLEXIBLE ROUND DUCT																	
1264	(8"Dia) Flexible round duct	726	LF															
1265	(4"Dia) Flexible Round duct	296	LF															
1266	(5"Dia) Flexible Round duct	420	LF															
1267	(7"Dia) Flexible Round duct	773	LF															
1268	(8"Dia) Flexible Round duct	1947	LF															
							Subtotal											
150000				DIVISION 15 - PLUMBING														
1269	P1-11A TO P3-08			BF-1 - BOTTLE FILLER	1	EA												
1270				FCO - FLOOR CLEANOUT - CAST IRON CLEANOUT W/ GSKET SEAL & THREADED PLUG, ADJUSTABLE CAST IRON ROUND TOP W/ SECURING SCREW - JAY R. SMITH FIGURE 4220	7	EA												
1271				FD-1 - (2") FLOOR DRAIN - CAST IRON FLOOR DRAIN W/ (6") SQUARE NICKEL BRONZE STRAINER, SPEEDI-SET OUTLET, & TRAP PRIMER - JAY R SMITH FIGURE 2005-B6	2	EA												
1272				FD-2 - (4") FLOOR DRAIN - CAST IRON (12"Dia) DRAIN W/ SEDIMENT BUCKET, Cast IRON GRATE, Speedi set OUTLET, & TRAP PRIMER - JAY R. SMITH FIGURE 2142-M	1	EA												
1273				LAV-2A - LAVATORY - PUBLIC	2	EA												
1274				WC-2A - WATER CLOSET - PUBLIC	2	EA												
1275				WH-4 - WATER HEATER - MODEL: EEMAX/ INSTANTANEOUS, W/ T&P RELEIF VALVE, VACCUM RELIEF VALVE & WATTS LFBRV COMBINATION BALL & THERMAL RELIEF VALVE, EEMAX - SINGLE POINT SERIES	2	EA												
1276				(2") HUB DRAIN W/ PRIMER CONNECTION	38	EA												
1277				AAV - AIR ADMITTANCE VALVE - STUDOR MINI-VENT, INTERNAL SCREENING, PREVENTS THE RELEASE OF FOUL AIR WHITE ABS	38	EA												
1278				IM-1 - ICE MAKER OUTLET BOX: ABS, LEAD FREE W/ QUARTER TURN BALL VALVE & WATER HAMMER ARRESTOR - SIOUX CHIEF 696-G1010	38	EA												
1279				KS-1 - KITCHEN SINK - RESIDENTIAL	38	EA												
1280				LAV-1 - LAVATORY - RESIDENTIAL	87	EA												
1281				SH-1 - SHOWER - RESIDENTIAL W/ SHOWER HEAD	38	EA												
1282				SHUTT-OFF VALVE	38	EA												
1283				WATER SUBMETER	38	EA												
1284				WC-1 - WATER CLOSET - RESIDENTIAL	50	EA												
1285				WH-1 - WATER HEATER - MODEL: ENLB-40 - 38 GAL, W/ T&P RELEIF VALVE, VACCUM RELIEF VALVE & WATTS LFBRV COMBINATION BALL & THERMAL RELIEF VALVE, A.O SMITH - PROLINE SERIES	26	EA												
1286				WH-2 - WATER HEATER - MODEL: ENLB-50 - 48 GAL, W/ T&P RELEIF VALVE, VACCUM RELIEF VALVE & WATTS LFBRV COMBINATION BALL & THERMAL RELIEF VALVE, A.O SMITH - PROLINE SERIES	12	EA												
1287				WM-1 - WASHING MACHINE OUTLET BOX, ABS, LEAD FREE W/ QUARTER TURN BALL VALVE, WATER HAMMER ARRESSTOR - SIOUX CHIEF 696-G1010 SERIES	38	EA												
1288				P1-11A TO P3-08			DOMESTIC WATER PIPING											
1289	(1-1/2") COLD WATER PIPE	156	LF															
1290	(3") COLD WATER PIPE	106	LF															
1291	(4") COLD WATER PIPE	220	LF															
1292	(6") COLD WATER PIPE	30	LF															
1293	(8") COLD WATER PIPE	15	LF															
1294	(1/2") COLD WATER PIPE	1510	LF															
1295	(1/2") HOT WATER PIPE	1153	LF															
1296	(1-1/4") COLD WATER PIPE	172	LF															
1297	(3/4") COLD WATER PIPE	1234	LF															
1298	(3/4") HOT WATER PIPE	1101	LF															
	SANITARY PIPING																	
1299	(4") SANITARY PIPE	71	LF															
1300	(6") SANITARY PIPE	225	LF															
1301	(8") SANITARY PIPE	115	LF															
1302	(2") SANITARY PIPE	1602	LF															
1303	(2") VENT PIPE	627	LF															
	(3") SANITARY PIPE	1690	LF															

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
1304				(3") VENT PIPE	489	LF							
				Subtotal									
			160000	DIVISION 16 - ELECTRICAL									
				LIGHT FIXTURE									
1305				A1 - 6" SURFACE MOUNT LED DOWNLIGHT - MANUF: HALO, MODEL: SLD 1200 SERIES / SLD612835WH/80 CRI/3500K/WHITE	55	EA							
1306				B1 - UNIT ENTRY SCONE - MANUF: SAVOY HOUSE, MODEL: 9-0901-1-89/GLENN 1-LIGHT WALL SCONE / 7"WX12"HX9"D/E26 8W 120V LED BULB (1 PER FIXTURE) / MATTE BLACK FINISH	38	EA							
1307				EM - EMERGENCY FIXTURE LIGHT - SEALED NICKEL CADMIUM BATTERY, CIRCULAR HEAD, DAMP LOCATION LISTED, W/ BATTERY CAPACITY TO POWER REMOTE HEAD, MANUF: SURE LITES SEL50 SERIES LITHONIA	28	EA							
1308				EMR1 - REMOTE HEAD, PAIRED W/ EMERGENCY FIXTURE OR EXIT SIGN, SINGLE HEAD, MANUF: SURE LITES SRP SERIES	1	EA							
1309				S1 - 4' LED STRIP LIGHT - METALUX SNLED SERIES, LITHONIA	25	EA							
1310				S3 - 4' SURFACE/WALL MOUNTED LED FIXTURE, INTEGRAL OCCUPANCY SENSOR W/ 0-10V DIMMING, STEP DIMMING, HIGH LUMEN OUTPUT, INTEGRAL 14W BATTERY PACK, MANUF: METALUX SWLED SERIES LITHONIA	15	EA							
1311				X1 - EXIT SIGN, LED LAMP, POLYCARBONATE HOUSING, SELF CONTAINED BATTERY, MODEL: SURE LITES LPX SERIES LITHONIA	24	EA							
1312				D - 7" SURFACE MOUNTED LED FIXTURE - MANUF: SATCO - S29331 / 7" FLUSH MOUNT LED FIXTURE - ROUND /120V	281	EA							
1313				F - 50" CEILING FAN W/ LED LIGHT KIT - MANUF: CASK INDUSTRIES - CF104/4-BLADE/50"WX19.5"H	88	EA							
1314	E1-11A TO EP1-32			P - ISLAND PENDANT - MANUF: KUZCO LIGHTING - MODEL: VANDERBILT 493210-WH/GD/10"DIA X 12"H / 120" MAX CORD LENGTH	88	EA							
1315				VA - VANITY SCONE - MANUF: QUORUM INTERNATIONAL - MODEL: 507-3-6980/EP5Y 3-LIGHT VANITY / 9.25"H X23.5"W X 7"D / 100W MAX WATTAGE	87	EA							
1316				W - EXTERIOR SCONE - MANUF: QUORUM INTERNATIONAL - MODEL: 730-69/TORREY SM LANTERN - NR/13.75"H X 7.5"W X 14.75"D / 100W MAX	38	EA							
				LIGHTING CONTROLS									
1317				OCCUPANCY SENSOR SWITCH	6	EA							
1318				3-WAY SWITCH	168	EA							
1319				SINGLE TOGGLE SWITCH	490	EA							
				RECEPTACLES & SWITCHES									
1320				DUPLEX RECEPTACLE	542	EA							
1321				DUPLEX RECEPTACLE	20	EA							
1322				GFI DUPLEX RECEPTACLE	387	EA							
1323				GFI RECEPTACLE WEATHER PROOF	42	EA							
1324				TWO WAY COMMUNICATION BASE STATION	1	EA							
1325				240 VOLT RECEPTACLE	76	EA							
1326				COMBINATION DATA/ TELE OUTLET	176	EA							
1327				JUNCTION BOX	76	EA							
1328				SPLIT DUPLEX RECEPTACLE	38	EA							
1329				TELEVISION OUTLET	88	EA							
1330				USB DUPLEX RECEPTACLE	106	EA							
1331				USB GFI DUPLEX RECEPTACLE	29	EA							
				DISCONNECT SWITCHES									
1332				SERVICE DISCONNECT 'DC'	1	EA							
				LOW VOLTAGE & OTHER ELECTRICAL DEVICES									
1333				CT ENCLOSURE & KWH METER	1	EA							
1334				METERCENTER MAIN	2	EA							
1335				ELECTRIC WIRING	1	LS							
				ELECTRIC BREAKER									
1336				ELECTRIC BREAKER - 1P 20A	534	EA							
1337				ELECTRIC BREAKER - 2P 30A	74	EA							
1338				ELECTRIC BREAKER - 2P 50A	30	EA							
				ELECTRIC PANEL									
1339				LOAD CENTER - 125A MLO 1PHASE 3W	46	EA							
1340				SWITCHBOARD "MS11" - 4000.0A MCB 3PHASE 4W	1	EA							
1341				DISTRIBUTION PANEL "DC" - 1200.0A MLO 3PHASE 4W	1	EA							
1342				ELECTRIC PANEL "C2" - 400A MLO 3PHASE 4W	1	EA							
				ELECTRIC PANEL "C4" - 200A MLO 3PHASE 4W		EA							
				FIRE ALARM									
1343				FIRE ALARM STROBE (CANDELAS)	4	EA							
1344				FIRE ALARM CONTROL PANEL	1	EA							
1345				FIRE ALARM DOOR HOLDER	2	EA							
1346				FIRE ALARM DOOR HOLDER	9	EA							
1347				FIRE ALARM HORN W/STROBE (CANDELAS)	4	EA							
1348				FIRE ALARM HORN W/STROBE (CANDELAS)	13	EA							
1349				FIRE ALARM PULL STATION	2	EA							
1350				FIRE ALARM PULL STATION	4	EA							
1351				SMOKE DETECTOR	2	EA							
1352				SMOKE DETECTOR	13	EA							
1353				SPRINKLER FLOW SWITCH	4	EA							
1354				SPRINKLER VALVE TAMPER SWITCH	4	EA							
1355				120V, SELF CONTAINED AUDIBLE CARBON MONOXIDE SMOKE ALARM	58	EA							
1356				120V, SELF CONTAINED AUDIBLE SMOKE ALARM	50	EA							
1357				FIRE ALARM MINI HORN (CANDELAS)	81	EA							
1358				FIRE ALARM MINI HORN W/ STROBE (CANDELAS)	4	EA							
				Subtotal									
				BUILDING 1000 D									
			020000	DIVISION 02 - EXISTING CONDITIONS									
			022000	EARTHWORK									
1359	S1-11D to S1-12D	S0-01, S3-01 & S3-02		Footing excavation.	25515	CF							
1360				Footing backfill.	15760	CF							
				Subtotal									
			030000	DIVISION 03 - CONCRETE									
			033000	CAST IN PLACE CONCRETE									
				(2'Wx1'8"H) CONCRETE FOOTING									
1361	S1-11D to S1-12D	S0-01, S3-01 & S3-02		Compaction of sub-grade.	3155	SF							
1362				Rebar's (Grade 60)	6730	LB							
1363				Concrete footing. (f'c = 3000 PSI)	4205	CF							
				(2'Wx2'2"H) CONCRETE FOOTING									
1364	S1-11D to S1-12D	S0-01, S3-01 & S3-02		Compaction of sub-grade.	1110	SF							
1365				Rebar's (Grade 60)	3070	LB							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
1366				Concrete footing. (f'c = 3000 PSI)	1920	CF							
1367	S1-11D to S1-12D	S0-01, S3-01 & S3-02		(1'Wx8'H) CONCRETE FOOTING									
1368				Compaction of sub-grade.	320	SF							
1369				Rebar's (Grade 60)	235	LB							
				Concrete footing. (f'c = 3000 PSI)	145	CF							
1370	S1-11D to S1-12D	S0-01, S3-01 & S3-02		ELEVATOR PIT CONCRETE FOOTING PAD									
1371				Compaction of sub-grade.	90	SF							
1372				Rebar's (Grade 60)	280	LB							
				(12" THK) Concrete footing. (f'c = 3000 PSI)	90	CF							
1373	S1-11D to S1-12D	S0-01, S3-01 & S3-02		(5'Wx12"H) RETAINING WALL CONCRETE FOOTING									
1374				Compaction of sub-grade.	1410	SF							
1375				Rebar's (Grade 60)	2400	LB							
				Concrete footing. (f'c = 3000 PSI)	1500	CF							
1376	S1-11D to S1-12D	S0-01, S3-01 & S3-02		RETAINING WALL									
1377				Rebar's (Grade 60)	4505	LB							
				(12" THK) Concrete wall. (f'c = 5000 PSI)	2815	CF							
1378	S1-11D to S1-12D	S0-01, S3-01 & S3-02		CONCRETE WALL									
1379				Rebar's (Grade 60)	285	LB							
				(8" THK) Concrete wall. (f'c = 5000 PSI)	125	CF							
1380	S1-11D to S1-12D	S0-01, S3-01 & S3-02		SLAB ON GRADE									
1381				Compaction of sub-grade.	12000	SF							
1382				(10 MIL) Vapor barrier.	12000	SF							
				(4" Thick) Reinforced concrete slab w/ post tensioning. (f'c = 3000 PSI)	12000	SF							
1383	S1-11D to S1-12D	S0-01, S3-01 & S3-02		SLAB ON GRADE									
1384				Compaction of sub-grade.	865	SF							
1385				(10 MIL) Vapor barrier.	865	SF							
				(4" Thick) Concrete slab w/ CIP 6x6 - 10/10 WWM. (f'c = 3000 PSI)	865	SF							
1386	S1-12D to S1-15D			Metal pan concrete stair.	300	SF							
				Subtotal									
			040000	DIVISION 04 - MASONRY									
			042000	UNIT MASONRY									
1387	A1-11A TO ID-7.3			Exterior Type BR-1, Brick Veneer-Gray.	1420	SF							
				Subtotal									
			050000	DIVISION 05 - METAL									
			057000	ORNAMENTAL METAL									
1388	A1-11A TO ID-7.3			Hand rail	180	LF							
1389				Type-MR-1, 42" Aluminum picket railing.	850	LF							
				Subtotal									
			060000	DIVISION 06 - WOOD, PLASTIC AND COMPOSITES									
			061053	WOOD FRAMING									
1390	S1-12A to S1-16D			(2x8) Header beam.	1045	LF							
1391				(2x10) Header beam.	1060	LF							
1392				5.5x11.25 GL	445	LF							
1393				5.5x14 GL	70	LF							
1394				5.5x18 GL	175	LF							
1395				7x18 GL	105	LF							
1396				5.25x11.25 PSL	100	LF							
1397				Pre-Fabricated wood floor trusses	22710	LF							
1398				Pre-Engineered Roof Trusses	6305	LF							
1399				(2x12) Canopy SCAB	850	LF							
1400				(2x12) Roof joist.	70	LF							
1401				Joist hanger.	4114	EA							
			061000	ROUGH CARPENTRY									
1402	S1-12A to S1-16D			(3/4") T&G OSB or Plywood sheathing.	45250	SF							
1403				(5/8") Exterior grade OSB or Plywood sheathing.	13235	SF							
	A1-11A TO ID-7.3			SHEARWALL									
1404				(5/8", 1-Layer) Plywood sheathing.	16335	SF							
			064100	ARCHITECTURAL WOOD CASEWORK									
1405	A1-11A TO ID-7.3			(12" W) Road & Shelf.	1430	LF							
1406				(11"3"Lx1Dx26"H) Wall cabinet.	5	EA							
1407				(12"Lx1Dx26"H) Wall cabinet.	4	EA							
1408				(11"2"Lx1Dx26"H) Wall cabinet.	5	EA							
1409				Unit B2- (13"6"Lx1Dx26"H) Wall cabinet.	8	EA							
1410				(12"Lx2Dx2"10"H) Base cabinet.	20	EA							
1411				(6"Lx2Dx2"10"H) Base cabinet.	86	EA							
1412				(8"8"Lx2Dx2"10"H) Base cabinet.	10	EA							
1413				(12"Lx1Dx26"H) Base cabinet.	13	EA							
1414				(9"8"Lx2Dx2"10"H) Base cabinet.	13	EA							
1415				(11"9"Lx2Dx2"10"H) Base cabinet.	4	EA							
1416				(4"Lx2Dx2"10"H) Base cabinet.	6	EA							
1417				(8"Lx2Dx2"10"H) Base cabinet.	5	EA							
1418				Unit B2- (11"Lx2Dx2"10"H) Base cabinet.	8	EA							
1419				(4"6"Lx2Dx2"10"H) Base cabinet.	3	EA							
1420				(6"6"Lx2Dx2"10"H) Base cabinet.	7	EA							
1421				(8"8"Lx1Dx26"H) Wall cabinet.	4	EA							
1422				(9"Lx2Dx2"10"H) Base cabinet.	4	EA							
1423				16" Mud bench	68	EA							
1424				Cabinet.	105	EA							
				Subtotal									
			070000	DIVISION 07 - THERMAL AND MOISTURE PROTECTION									
				ROOFING									
1425	A2-10			(R-38) Roof insulation.	13235	SF							
1426				(60 MIL) TPO Roofing.	13235	SF							
1427	A1-11A TO ID-7.3			Walking pad.	570	SF							
1428				Air/Moisture barrier.	5395	SF							
			076000	SHEET METAL FLASHING AND TRIM									
1429	A1-11A TO ID-7.3			Downspout	260	LF							
1430				Gutter	520	LF							
				Subtotal									
			080000	DIVISION 08 - OPENING									
			080152	WOOD WINDOWS									
1431	A1-11A TO ID-7.3			Type W 01, (2'-6" W x 6'-0" H) Single vinyl window.	8	EA							
1432				Type W 02, (3'-0" W x 6'-0" H) Single vinyl window.	3	EA							
1433				Type W 03, (5'-0" W x 6'-0" H) Single vinyl window.	20	EA							
1434				Type W 04, (6'-0" W x 6'-0" H) Single vinyl window.	308	EA							
			081113	HOLLOW METAL DOORS, FRAMES AND HARDWARE									
1435	A1-11A TO ID-7.3			(4)x (HR 45 MIN)(3'-0" W x 7'-0" H) HM door & frame.	16	EA							
1436				(4)x (HR 90 MIN)(3'-0" W x 7'-0" H) HM door & frame.	8	EA							
			082100	WOOD DOORS									
1437				(3'-0" W x 8'-0" H) Fiberglass door & frame.	44	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST	
							MHrs/ Unit	\$/Hour	(\$Per Unit)					
1438	A1-11A TO ID-7.3			(HR 90 MIN) (6'-0" W x 7'-0" H) Fiberglass door & frame.	4	EA								
1439				(2'-10" W x 6'-8" H) Solid core wood door & frame.	300	EA								
1440				(2'-6" W x 6'-8" H) Solid core wood door & frame.	11	EA								
1441				(HR 20 MIN) (3'-0" W x 7'-0" H) Solid core wood door & frame.	49	EA								
1442				(3'-0" W x 6'-8" H) Solid core wood door & frame.	14	EA								
1443				(2'-0" W x 6'-8" H) Hollow core wood door & frame.	10	EA								
1444				(5'-0" W x 6'-8" H) Hollow core wood door & frame.	17	EA								
1445				(1'-6" W x 6'-8" H) Hollow core wood door & frame.	4	EA								
1446				(2'-6" W x 6'-8" H) Hollow core wood door & frame.	3	EA								
			087100	FINISH HARDWARE										
1447	A1-11A TO ID-7.3			Door hardware. (480 EA)	1	LS								
					Subtotal									
			090000	DIVISION 09 - FINISHES										
1448	A1-11A TO ID-7.3			Exterior Type CP-1, Fiber cement panel (4"x10") W/ Battens-White Allura.	7350	SF								
1449				Exterior Type CP-2, Fiber cement panel (4"x10") W/ Battens-Dark gray.	5170	SF								
1450				Exterior Type CP-3,Fiber cement panel (4"x10") W/ Metal Reveals White.	495	SF								
1451				Exterior Type WP-1, Wall panel.	1835	SF								
1452				Exterior Type CT-1, (1'2" H)	820	LF								
1453				Exterior Type CT-1, (2'3" H)	80	LF								
1454				Exterior Type CT-1, (4" H)	280	LF								
				092600	GYPSUM BOARD ASSEMBLIES									
1455	A1-11A TO ID-7.3			5/8" GWB ceiling.	47510	SF								
				INTERIOR WALLS										
				(1 HR) TYPE 1WB4, GWB UNIT WALL (4555 LF)										
1456	A1-11A TO ID-7.3			(2x4) Wood studs at 16" O.C	30832	LF								
1457				(5/8", 1-Layer) Type X, GYP. BD. both side	81990	SF								
1458				(2x4) Top and bottom track.	13665	LF								
				(1 HR) TYPE 1WB6, GWB UNIT WALL (716 LF)										
1459	A1-11A TO ID-7.3			(2x6) Wood studs at 16" O.C	4854	LF								
1460				(5/8", 1-Layer) Type X, GYP. BD. both side	12888	SF								
1461				(2x6) Top and bottom track.	2148	LF								
				(1 HR) TYPE 1WC4, GWB WALL (100 LF)										
1462	A1-11A TO ID-7.3			(2x4) Wood studs at 16" O.C	686	LF								
1463				(1/2") Resilient channel	686	LF								
1464				(4") Batt insulation	900	SF								
1465				(5/8", 1-Layer) Type X, GYP. BD. One side	900	SF								
1466				(5/8", 1-Layer) Type X, Exterior grade GYP. BD. One side	900	SF								
1467				(2x4) Top and bottom track.	300	LF								
1468				(1/2") Top and bottom track.	200	LF								
				(1 HR) TYPE 1WC6, GWB WALL (1715 LF)										
1469	A1-11A TO ID-7.3			(2x6) Wood studs at 16" O.C	11614	LF								
1470				(1/2") Resilient channel	11614	LF								
1471				(6") Batt insulation	15435	SF								
1472				(5/8", 1-Layer) Type X, GYP. BD. One side	15435	SF								
1473				(5/8", 1-Layer) Type X, Exterior grade GYP. BD. One side	15435	SF								
1474				(2x6) Top and bottom track.	5145	LF								
1475				(1/2") Top and bottom track.	3430	LF								
				(1 HR) TYPE 1WD4, GWB UNIT SEP. WALL (2325 LF)										
1476	A1-11A TO ID-7.3			(2x4) Wood studs at 16" O.C	15745	LF								
1477				(4") Batt insulation	41850	SF								
1478				(5/8" 1-Layer) Type X, GYP. BD. both side	41850	SF								
1479				(2x4) Top and bottom track.	6975	LF								
				(1 HR) TYPE 1WD6, GWB UNIT SEP. WALL (570 LF)										
1480	A1-11A TO ID-7.3			(2x6) Wood studs at 16" O.C	3867	LF								
1481				(6") Batt insulation	10260	SF								
1482				(5/8", 1-Layer) Type X, GYP. BD. both side	10260	SF								
1483				(2x6) Top and bottom track.	1710	LF								
				(2 HR) TYPE 2WK4, GWB SHAFT WALL (495 LF)										
1484	A1-11A TO ID-7.3			(2x4) Wood studs at 16" O.C	6717	LF								
1485				(4") Batt insulation	8910	SF								
1486				(5/8", 1-Layer) Type X, GYP. BD. both side	8910	SF								
1487				(1", 1-Layer) Type X, GYP. Liner panel both side	8910	SF								
1488	A1-11A TO ID-7.3			(2x4) Top and bottom track.	2970	LF								
				(2 HR) TYPE 2WK6, GWB SHAFT WALL (155 LF)										
1489				(2x6) Wood studs at 16" O.C	2116	LF								
1490				(4") Batt insulation	2790	SF								
1491	A1-11A TO ID-7.3			(5/8" 1-Layer) Type X, GYP. BD. both side	2790	SF								
1492				(1" 1-Layer) Type X, GYP. Liner panel both side	2790	SF								
1493				(2x6) Top and bottom track.	930	LF								
				(1 HR) EXTERIOR WALL (1855 LF)										
1494	A1-11A TO ID-7.3			(2x6) Wood studs at 16" O.C	12562	LF								
1495				(R-20) Batt insulation.	5395	SF								
1496				(5/8", 1-Layer) Typ X, GYP. BD. One side.	5395	SF								
1497				(5/8", 1-Layer) Type X, Exterior Plywood sheathing one side.	5395	SF								
1498				(2x6) Top and bottom track.	5565	LF								
				093100	CERAMIC / PORCELAIN TILING									
1499	A1-11A TO ID-7.3			porcelain wall tile.	2725	SF								
1500				Kitchen backsplash wall tile.	880	SF								
			096000	FLOORING										
1501	A1-11A TO ID-7.3			Carpet floor.	11510	SF								
1502				Vinyl wood plank w/ sound mat floor.	26090	SF								
1503				Wood base painted.	14620	LF								
			099100	PAINTING										
1504	A1-11A TO ID-7.3			GWB ceiling paint.	47510	SF								
1505				GWB wall paint.	139400	SF								
1506				Door paint. (480 EA)	21710	SF								
					Subtotal									
			100000	DIVISION 10 - SPECIALTIES										
			101510	TOILET COMPARTMENTS										
1507	A1-11A TO ID-7.3			Compartment wall. (6' H)	265	LF								
			102813	TOILET AND BATH ACCESSORIES										
1508	A1-11A TO ID-7.3			Mirror.	66	EA								
1509				Toilet paper holder.	66	EA								
1510				Tower bar.	66	EA								
1511				(36"x60") Tub	45	EA								
					Subtotal									
			110000	DIVISION 11 - EQUIPMENT										
1512	A1-11A TO ID-7.3			Dishwasher.	49	EA								
1513				Range & Microwave.	49	EA								

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
1514	ID-7.3			Refrigerator	49	EA							
1515				Dryer	49	EA							
1516				Washer	49	EA							
				Subtotal									
			120000	DIVISION 12 - FURNISHING									
			123660	QUARTZ SURFACING COUNTERTOPS									
1517				QUARTZ COUNTER TOP - MSI SURFACES - MANHATTAN GRAY 3CM - POLISHED	3085	SF							
				Subtotal									
			150000	DIVISION 15 - HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)									
1518	M1-11A TO MP1-21			FC 1-5-4 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-5-4, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA							
1519				ESP-1 - PUMP - MODEL: STANCO OIL MINDER SYSTEM W/ ALARM & REMOTE MONITORING CIRCUIT	1	EA							
1520				FC 1-1-12 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-1-12, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA							
1521				FC 1-2-4 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-2-4, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA							
1522				FC 1-3-4 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-3-4, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA							
1523				FC 1-4-4 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-4-4, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA							
1524				Fire damper	5	EA							
1525				NFWH - NON-FREEZE EXTERIOR WALL HYDRANT, (3/4") CAST BRONZE HYDRANT, RECESSED W/ STAINLESS STEEL BOX, VACCUM BREAKER, NICKEL BRONZE - JAY R. SMITH FIGURE 5509-QT	1	EA							
1526				NON-FREEZE WALL HYDRANT, ROOF MOUNT PEDESTAL W/ MOUNTING FLANGE & SHROUD, MALE HOSE END OUTLET W/ DUAL CHECK BACKFLOW PREVENTER, (3/4") INLET W/ SELF DRAINING VENTURI - WOODFORD MODEL SRH-MS	2	EA							
1527				RG2 - (20"X18") Return grille - Manuf: Titus, Model: 355RS, Steel	5	EA							
1528				SG16 - (14x8) Supply grille - Manuf: Titus, Model: 301RS, Steel (200 CFM) w/ Radiation damper	20	EA							
1529				EF A - EXHAUST FAN - MANUF: BROAN, MODEL: 670, (50 CFM)	66	EA							
1530				FC A2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A2, Manuf: CARRIER, FFMA/25HCE (600CFM)	10	EA							
1531				FC A4 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A4, Manuf: CARRIER, FFMA/25HCE (600CFM)	5	EA							
1532				FC A5 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A5, Manuf: CARRIER, FFMA/25HCE (600CFM)	13	EA							
1533				FC A7 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A7, Manuf: CARRIER, FFMA/25HCE (800CFM)	4	EA							
1534				FC B1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B1, Manuf: CARRIER, FFMA/25HCE (600CFM)	5	EA							
1535				FC B2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B2, Manuf: CARRIER, FFMA/25HCE (800CFM)	8	EA							
1536				FC C1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP C1, Manuf: CARRIER, FFMA/25HCE (1200CFM)	3	EA							
1537				FC C1-HC - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP C1-HC, Manuf: CARRIER, FFMA/25HCE (1200CFM)	1	EA							
1538				Radiation damper	341	EA							
1539				RG2 - (16"X10") Return grille - Manuf: Titus, Model: 355RS	16	EA							
1540				RG2 - (36"X10") Return grille - Manuf: Titus, Model: 355RS	22	EA							
1541				RG2 - (36"X12") Return grille - Manuf: Titus, Model: 355RS	12	EA							
1542				RG3 - (16"X10") Return grille - Manuf: Titus, Model: 350RL	62	EA							
1543				RG3 - (36"X10") Return grille - Manuf: Titus, Model: 350RL	15	EA							
1544				SG16 - (14x8) Supply grille - Manuf: Titus, Model: 301RS, Steel	21	EA							
1545				SG16 - (8x6) Supply grille - Manuf: Titus, Model: 301RS, Steel	124	EA							
	M1-11A TO MP1-21			Galvanized sheet metal duct w/ Wrap equal to owners corning fiberglass w/ FRK vapor barrier. Insulation shall be R-6 except on roof shall be R-8.									
1546				(12X12) Metal duct	43	LF							
1547				(12X10) Metal duct	209	LF							
1548				(14X10) Metal duct	72	LF							
1549				(14X12) Metal duct	22	LF							
1550				ROUND DUCT									
1551				(8"Dia) ROUND DUCT	10	LF							
1552				(8"Dia) Round duct	115	LF							
				(4"Dia) Round duct	2910	LF							
1553				FLEXIBLE ROUND DUCT									
1554				(8"Dia) Flexible round duct	910	LF							
1555				(4"Dia) Flexible Round duct	386	LF							
1556				(5"Dia) Flexible Round duct	536	LF							
1557				(7"Dia) Flexible Round duct	1114	LF							
				(8"Dia) Flexible Round duct	2601	LF							
				Subtotal									
			150000	DIVISION 15 - PLUMBING									
1558	P1-11A TO P3-08			FCO - FLOOR CLEANOUT - CAST IRON CLEANOUT W/ GSKET SEAL & THREADED PLUG, ADJUSTABLE CAST IRON ROUND TOP W/ SECURING SCREW - JAY R. SMITH FIGURE 4220	5	EA							
1559				(2") HUB DRAIN W/ PRIMER CONNECTION	44	EA							
1560				IM-1 - ICE MAKER OUTLET BOX: ABS, LEAD FREE W/ QUARTER TURN BALL VALVE & WATER HAMMER ARRESTOR - SIOUX CHIEF 696-G1010	44	EA							
1562				KS-1 - KITCHEN SINK - RESIDENTIAL	44	EA							
1563				LAV-1 - LAVATORY - RESIDENTIAL	98	EA							
1564				SH-1 - SHOWER - RESIDENTIAL W/ SHOWER HEAD	45	EA							
1565				SHUTT-OFF VALVE	44	EA							
1566				WATER SUBMETER	44	EA							
1567				WC-1 - WATER CLOSET - RESIDENTIAL	56	EA							
1568				WH-1 - WATER HEATER - MODEL: ENLB-50 - 38 GAL, W/ T&P RELIEF VALVE, VACCUM RELIEF VALVE & WATTS LFBV	32	EA							
1569				WH-2 - WATER HEATER - MODEL: ENLB-50 - 48 GAL, W/ T&P RELIEF VALVE, VACCUM RELIEF VALVE & WATTS LFBV COMBINATION BALL & THERMAL RELIEF VALVE, A.O SMITH - PROLINE SERIES	12	EA							
1570				WM-1 - WASHING MACHINE OUTLET BOX, ABS, LEAD FREE W/ QUARTER TURN BALL VALVE, WATER HAMMER ARRESTOR - SIOUX CHIEF 696-G1010 SERIES	44	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
1571	P1-11A TO P3-08			DOMESTIC WATER PIPING									
1572				(1-1/2") COLD WATER PIPE	180	LF							
1573				(2") COLD WATER PIPE	130	LF							
1574				(2-1/2") COLD WATER PIPE	180	LF							
1575				(3") COLD WATER PIPE	115	LF							
1576				(1/2") COLD WATER PIPE	2023	LF							
1577				(1/2") HOT WATER PIPE	1592	LF							
1578				(1-1/4") COLD WATER PIPE	202	LF							
1579				(3/4") COLD WATER PIPE	1699	LF							
1580				(3/4") HOT WATER PIPE	1239	LF							
1581				SANITARY PIPING									
1582				(4") SANITARY PIPE	105	LF							
1583				(6") SANITARY PIPE	395	LF							
1584				(2") SANITARY PIPE	1827	LF							
1585				(2") VENT PIPE	706	LF							
				(3") SANITARY PIPE	1975	LF							
				(3") VENT PIPE	506	LF							
				Subtotal									
			160000	DIVISION 16 - ELECTRICAL									
1586	E1-11A TO EP1-32			LIGHT FIXTURE									
1587				A1 - 6" SURFACE MOUNT LED DOWNLIGHT - MANUF: HALO, MODEL: SLD 1200 SERIES / SLD612835WH/80 CRI/3500K/WHITE	75	EA							
1588				B1 - UNIT ENTRY SCONE - MANUF: SAVOY HOUSE, MODEL: 9-0901-1-89/GLENN 1-LIGHT WALL SCONE / 7"WX12"HX9"D/E26 8W 120V LED BULB (1 PER FIXTURE) / MATTE BLACK FINISH	49	EA							
1589				EM - EMERGENCY FIXTURE LIGHT - SEALED NICKEL CADMIUM BATTERY, CIRCULAR HEAD, DAMP LOCATION LISTED, W/ BATTERY CAPACITY TO POWER REMOTE HEAD, MANUF: SURE LITES SEL50 SERIES LITHONIA	35	EA							
1590				EMR1 - REMOTE HEAD, PAIRED W/ EMERGENCY FIXTURE OR EXIT SIGN, SINGLE HEAD, MANUF: SURE LITES SRP SERIES	1	EA							
1591				S1 - 4' LED STRIP LIGHT - METALUX SNLED SERIES, LITHONIA	31	EA							
1592				S1E - 4' LED STRIP LIGHT - METALUX SNLED SERIES, LITHONIA W/ 1600 LUMENS BATTERY	4	EA							
1593				S2E - 4' LED VAPORTIGHT STRIP, IMPACT RESISTANT POLYCARBONATE HOUSING, IMPACT RESISTANT FROASTED POLYCARBONATE LENS, LED LAMP, WIDE DISTRIBUTION, MANUF: LITHONIA VAP LED SERIES, PHILIPS W/ 1600 LUMEN BATTERY	2	EA							
1594				S3 - 4' SURFACE/WALL MOUNTED LED FIXTURE, INTEGRAL OCCUPANCY SENSOR W/ 0-10V DIMMING, STEP DIMMING, HIGH LUMEN OUTPUT, INTEGRAL 14W BATTERY PACK, MANUF: METALUX SWLED SERIES LITHONIA	15	EA							
1595				X1 - EXIT SIGN, LED LAMP, POLYCARBONATE HOUSING, SELF CONTAINED BATTERY, MODEL: SURE LITES LPX SERIES LITHONIA	5	EA							
1596				X1 - EXIT SIGN, LED LAMP, POLYCARBONATE HOUSING, SELF CONTAINED BATTERY, MODEL: SURE LITES LPX SERIES LITHONIA	33	EA							
1597				D - 7" SURFACE MOUNTED LED FIXTURE - MANUF: SATCO - S29331 / 7" FLUSH MOUNT LED FIXTURE - ROUND /120V	362	EA							
1598				F - 50" CEILING FAN W/ LED LIGHT KIT - MANUF: CASK INDUSTRIES - CF104/4-BLADE/50"WX19.5"H	119	EA							
1599				P - ISLAND PENDANT - MANUF: KUZCO LIGHTING - MODEL: VANDERBILT 493210-WH/GD/10"DIA X 12"H / 120" MAX CORD LENGTH	115	EA							
1600				VA - VANITY SCONE - MANUF: QUORUM INTERNATIONAL - W - EXTERIOR SCONE - MANUF: QUORUM INTERNATIONAL - MODEL: 730-69/TORREY SM LANTERN - NR/13.75"H X 7.5"W X 14.75"D / 100W MAX	113	EA							
1601	E1-11A TO EP1-32			LIGHTING CONTROLS									
1602				3-WAY SWITCH	224	EA							
1603				OCCUPANCY SENSOR	3	EA							
1604				OCCUPANCY SENSOR SWITCH	10	EA							
1605				SINGLE POLE SWITCH	654	EA							
1606				RECEPTACLES & SWITCHES									
1607				DUPLEX RECEPTACLE	705	EA							
1608				DUPLEX RECEPTACLE	29	EA							
1609				GFI DUPLEX RECEPTACLE	2	EA							
1610				GFI DUPLEX RECEPTACLE	501	EA							
1611				GFI RECEPTACLE WEATHER PROOF	54	EA							
1612				QUAD RECEPTACLE	2	EA							
1613				QUAD RECEPTACLE	8	EA							
1614				TWO WAY COMMUNICATION CALL BOX	1	EA							
1615				TWO WAY COMMUNICATION CALL BOX	4	EA							
1616	E1-11A TO EP1-32			240 VOLT RECEPTACLE	98	EA							
1617				COMBINATION DATA/ TELE OUTLET	238								
1618				JUNCTION BOX	98	EA							
1619				SPLIT DUPLEX RECEPTACLE	49	EA							
1620				TELEVISION OUTLET	119	EA							
1621				USB DUPLEX RECEPTACLE	142	EA							
1622				USB GFI DUPLEX RECEPTACLE	39	EA							
1623				DISCONNECT SWITCHES									
1624				DISCONNECT SWITCH	2	EA							
1625				LOW VOLTAGE & OTHER ELECTRICAL DEVICES									
1626				METER STACK	4	EA							
1627				METERCENTER ELBOW	1	EA							
1628				METERCENTER MAIN	2	EA							
1629				ELECTRIC WIRING	1	LS							
1630	E1-11A TO EP1-32			ELECTRIC BREAKER									
1631				ELECTRIC BREAKER - 1P 20A	707	EA							
1632				ELECTRIC BREAKER - 2P 30A	96	EA							
1633				ELECTRIC BREAKER - 2P 50A	48	EA							
1634				ELECTRIC PANEL									
1635				LOAD CENTER - 125A MLO 1PHASE 3W	58	EA							
1636				ELECTRIC PANEL "D1" - 400A MLO 3PHASE 4W	1	EA							
1637				ELECTRIC PANEL "D4" - 400A MLO 3PHASE 4W	1	EA							
1638				FIRE ALARM									
1639				FIRE ALARM DOOR HOLDER	7	EA							
				FIRE ALARM DOOR HOLDER	10	EA							
				FIRE ALARM HORN W/STROBE (CANDELAS)	8	EA							
				FIRE ALARM HORN W/STROBE (CANDELAS)	20	EA							
				FIRE ALARM PULL STATION	1	EA							
				FIRE ALARM PULL STATION	4	EA							
				HEAT DETECTOR	1	EA							
				HEAT DETECTOR	1	EA							

[illegible]

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST	
							MHrs/ Unit	\$/Hour	(\$Per Unit)					
1708	A1-11A TO			Walking pad.	325	LF								
1709	ID-7.3			Air/Moisture barrier.	16975	SF								
				076000	SHEET METAL FLASHING AND TRIM									
1710	A1-11A TO			Downspout.	90	LF								
1711	ID-7.3			Gutter	485	LF								
					Subtotal									
				080000	DIVISION 08 - OPENING									
				080152	WOOD WINDOWS									
1712				Type W 01, (2'-6" W x 6'-0" H) Single vinyl window.	8	EA								
1713	A1-11A TO			Type W 02, (3'-0" W x 6'-0" H) Single vinyl window.	4	EA								
1714	ID-7.3			Type W 03, (5'-0" W x 6'-0" H) Single vinyl window.	14	EA								
1715				Type W 04, (6'-0" W x 6'-0" H) Single vinyl window.	74	EA								
				081113	HOLLOW METAL DOORS, FRAMES AND HARDWARE									
1716	A1-11A TO			(HR 45 MIN) (3'-0" W x 7'-0" H) HM door & frame.	20	EA								
1717	ID-7.3			(HR 90 MIN) (3'-0" W x 7'-0" H) HM door & frame.	5	EA								
				082100	WOOD DOORS									
1718				(3'-0" W x 8'-0" H) Fiberglass door & frame.	2	EA								
1719				(3'-0" W x 8'-0" H) Fiberglass door & frame.	36	EA								
1720				(2'-10" W x 6'-8" H) Solid core wood door & frame.	203	EA								
1721	A1-11A TO			(2'-6" W x 6'-8" H) Solid core wood door & frame.	13	EA								
1722	ID-7.3			(HR 20 MIN) (3'-0" W x 7'-0" H) Solid core wood door & frame.	38	EA								
1723				(3'-0" W x 6'-8" H) Solid core wood door & frame.	47	EA								
1724				(1'-6" W x 6'-8" H) Hollow core wood door & frame.	4	EA								
1725				(5'-0" W x 6'-8" H) Hollow core wood door & frame.	4	EA								
				087100	FINISH HARDWARE									
1726	A1-11A TO			Door hardware (372 EA)	1	LS								
					Subtotal									
				090000	DIVISION 09 - FINISHES									
1727				Exterior Type CP-1, Fiber cement panel (4"x10") W/ Battens-White Allura.	4910	SF								
1728	A1-11A TO			Exterior Type CP-2, Fiber cement panel (4"x10") W/ Battens-Dark gray.	5810	SF								
1729	ID-7.3			Exterior Type CP-3,Fiber cement panel (4"x10") W/ Metal Reveals White.	500	SF								
1730				Exterior Type WP-1, Wall panel.	2435	SF								
1731				(1'2" H) Exterior Type CT-1.	6790	LF								
1732				(2'3" H) Exterior Type CT-1.	80	LF								
				092600	GYPSON BOARD ASSEMBLIES									
1733	A1-11A TO			5/8" GWB ceiling.	37660	SF								
					INTERIOR WALLS									
					(1 HR) TYPE 1WB4, GWB UNIT WALL (4035 LF)									
1734	A1-11A TO			(2x4) Wood studs at 16" O.C	27314	LF								
1735	ID-7.3			(5/8", 1-Layer) Type X, GYP. BD. both side	72630	SF								
1736				(2x4) Top and bottom track.	12105	LF								
					(1 HR) TYPE 1WB6, GWB UNIT WALL (4975 LF)									
1737	A1-11A TO			(2x6) Wood studs at 16" O.C	33674	LF								
1738	ID-7.3			(5/8", 1-Layer) Type X, GYP. BD. both side	89550	SF								
1739				(2x6) Top and bottom track.	14925	LF								
					(1 HR) TYPE 1WC4, GWB WALL (375 LF)									
1740	A1-11A TO			(2x4) Wood studs at 16" O.C	2547	LF								
1741	ID-7.3			(1/2") Resilient channel	2547	LF								
1742				(4") Batt insulation	3375	SF								
1743				(5/8", 1-Layer) Type X, GYP. BD. One side	3375	SF								
1744				(5/8", 1-Layer) Type X, Exterior grade GYP. BD. One side	3375	SF								
1745				(2x4) Top and bottom track.	1125	LF								
1746				(1/2") Top and bottom track.	750	LF								
					(1 HR) TYPE 1WC6, GWB WALL (1085 LF)									
1747	A1-11A TO			(2x6) Wood studs at 16" O.C	7351	LF								
1748	ID-7.3			(1/2") Resilient channel	7351	LF								
1749				(6") Batt insulation	9765	SF								
1750				(5/8", 1-Layer) Type X, GYP. BD. One side	9765	SF								
1751				(5/8", 1-Layer) Type X, Exterior grade GYP. BD. One side	9765	SF								
1752				(2x6) Top and bottom track.	3255	LF								
1753				(1/2") Top and bottom track.	2170	LF								
					(1 HR) TYPE 1WD4, GWB UNIT SEP. WALL (1710 LF)									
1754	A1-11A TO			(2x4) Wood studs at 16" O.C	11580	LF								
1755	ID-7.3			(4") Batt insulation	30780	SF								
1756				(5/8", 1-Layer) Type X, GYP. BD. both side	30780	SF								
1757				(2x4) Top and bottom track.	5130	LF								
					(1 HR) TYPE 1WD6, GWB UNIT SEP. WALL (350 LF)									
1758	A1-11A TO			(2x6) Wood studs at 16" O.C	2380	LF								
1759	ID-7.3			(6") Batt insulation	6300	SF								
1760				(5/8", 1-Layer) Type X, GYP. BD. both side	6300	SF								
1761				(2x6) Top and bottom track.	1050	LF								
					(2 HR) TYPE 2WK4, GWB SHAFT WALL (825 LF)									
1762	A1-11A TO			(2x4) Wood studs at 16" O.C	11183	LF								
1763	ID-7.3			(4") Batt insulation	14850	SF								
1764				(5/8", 1-Layer) Type X, GYP. BD. both side	14850	SF								
1765				(1", 1-Layer) Type X, GYP. Liner panel both side	14850	SF								
1766				(2x4) Top and bottom track.	4950	LF								
					(2 HR) TYPE 2WK6, GWB SHAFT WALL (112 LF)									
1767	A1-11A TO			(2x6) Wood studs at 16" O.C	1534	LF								
1768	ID-7.3			(4") Batt insulation	2016	SF								
1769				(5/8", 1-Layer) Type X, GYP. BD. both side	2016	SF								
1770				(1", 1-Layer) Type X, GYP. Liner panel both side	2016	SF								
1771				(2x6) Top and bottom track.	672	LF								
					(1 HR) EXTERIOR WALL (1430 LF)									
1772	A1-11A TO			(2x6) Wood studs at 16" O.C	9686	LF								
1773	ID-7.3			(R-20) Batt insulation.	16975	SF								
1774				(5/8", 1-Layer) Typ X, GYP. BD. One side.	16975	SF								
1775				(5/8", 1-Layer) Type X, Exterior Plywood sheathing one side.	16975	SF								
1776				(2x6) Top and bottom track.	4290	LF								
				093100	CERAMIC / PORCELAIN TILING									
1777	A1-11A TO			porcelain wall tile.	2885	SF								
1778	ID-7.3			Kitchen backsplash wall tile.	885	SF								
				096000	FLOORING									
1779	A1-11A TO			Carpet floor.	8850	SF								
1780	ID-7.3			Vinyl wood plank w/ sound mat floor.	20680	SF								
1781				Wood base painted.	11010	LF								
				099100	PAINTING									
1782	A1-11A TO			GWB ceiling paint.	37660	SF								
1783	ID-7.3			GWB wall paint.	244585	SF								
1784				Door paint. (372 EA)	16800	SF								
					Subtotal									

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST	
							MHrs/ Unit	\$/Hour	(\$Per Unit)					
				100000	DIVISION 10 - SPECIALTIES									
				101510	TOILET COMPARTMENTS									
1785	A1-11A TO ID-7.3			Compartment wall. (6' H)	210	LF								
				102813	TOILET AND BATH ACCESSORIES									
1786	A1-11A TO ID-7.3			Mirror.	42	EA								
1787				Toilet paper holder.	42	EA								
1788				Tower bar.	42	EA								
1789				(36"x60") Tub	13	EA								
Subtotal														
				110000	DIVISION 11 - EQUIPMENT									
1790	A1-11A TO ID-7.3			Dishwasher.	35	EA								
1791				Range & Microwave.	35	EA								
1792				Refrigerator	35	EA								
1793				Dryer	35	EA								
1794				Washer	35	EA								
Subtotal														
				120000	DIVISION 12 - FURNISHING									
				123660	QUARTZ SURFACING COUNTERTOPS									
1795				QUARTZ COUNTER TOP - MSI SURFACES - MANHATTAN GRAY 3CM - POLISHED	2420	SF								
Subtotal														
				150000	DIVISION 15 - HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)									
1796	M1-11A TO MP1-21			- FC 1-5-5 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-5-5, Manuf: CARRIER, FE4A/25HCE (600CFM)	1	EA								
1797				- RG2 - (20"x14") Return grille - Manuf: Titus, Model: 355RS, Steel	1	EA								
1798				FC 1-1-13 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-1-13, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA								
1799				FC 1-2-5 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-2-5, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA								
1800				FC 1-3-5 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-3-5, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA								
1801				FC 1-4-5 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 1-4-5, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA								
1802				Fire damper	4	EA								
1803				NFWH - NON-FREEZE EXTERIOR WALL HYDRANT, (3/4") CAST BRONZE HYDRANT, RECESSED W/ STAINLESS STEEL BOX, VACCUM BREAKER, NICKEL BRONZE - JAY R. SMITH FIGURE 5509-QT	2	EA								
1804				NON-FREEZE WALL HYDRANT, ROOF MOUNT PEDESTAL W/ MOUNTING FLANGE & SHROUD, MALE HOSE END OUTLET W/ DUAL CHECK BACKFLOW PREVENTER, (3/4") INLET W/ SELF DRAINING VENTURI - WOODFORD MODEL SRH-MS	1	EA								
1805				RG2 - (20"x18") Return grille - Manuf: Titus, Model: 355RS, Steel	4	EA								
1806				SG16 - (14x8) Supply grille - Manuf: Titus, Model: 301RS, Steel (200 CFM) w/ Radiation damper	19	EA								
1807				EF A - EXHAUST FAN - MANUF: BROAN, MODEL: 670, (50 CFM)	42	EA								
1808				FC A2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A2, Manuf: CARRIER, FFMA/25HCE (600CFM)	9	EA								
1809				FC A4 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A4, Manuf: CARRIER, FFMA/25HCE (600CFM)	4	EA								
1810				FC A4-HC - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A4-HC, Manuf: CARRIER, FFMA/25HCE (600CFM)	1	EA								
1811				FC A5 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A5, Manuf: CARRIER, FFMA/25HCE (600CFM)	4	EA								
1812				FC A6 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A6, Manuf: CARRIER, FFMA/25HCE (800CFM)	8	EA								
1813				FC A7 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A7, Manuf: CARRIER, FFMA/25HCE (800CFM)	8	EA								
1814				FC C1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP C1, Manuf: CARRIER, FFMA/25HCE (1200CFM)	4	EA								
1815				Radiation damper	236	EA								
1816				SG16 - (14x8) Supply grille - Manuf: Titus, Model: 301RS, Steel (200 CFM)	122	EA								
1817				SG16 - (8x6) Supply grille - Manuf: Titus, Model: 301RS, Steel	76	EA								
1818				RG2 - (16"x10") Return grille - Manuf: Titus, Model: 355RS	24	EA								
1819				RG2 - (36"x10") Return grille - Manuf: Titus, Model: 355RS	20	EA								
1820				RG2 - (36"x12") Return grille - Manuf: Titus, Model: 355RS	4	EA								
1821				RG3 - (16"x10") Return grille - Manuf: Titus, Model: 350RL	34	EA								
1822				RG3 - (36"x10") Return grille - Manuf: Titus, Model: 350RL	9	EA								
1823				RG3 - (36"x10") Return grille - Manuf: Titus, Model: 350RL	4	EA								
1824				RG3 - (36"x12") Return grille - Manuf: Titus, Model: 350RL	1	EA								
1825	M1-11A TO MP1-21			Galvanized sheet metal duct w/ Wrap equal to ownes corning fiberglass w/ FRK vapor barrier. Insulation shall be R-6 except on roof shall be R-8.										
1826				(12X12) Metal duct	48	LF								
1827				(12X4) Metal duct	50	LF								
1828				(12X10) Metal duct	10	LF								
1829				(12X10) Metal duct	214	LF								
1830				(14X12) Metal duct	21	LF								
1831				ROUND DUCT										
1832				(8"Dia) Round Duct	130	LF								
1833				- (6"Dia) Round duct	10	LF								
1834				(4"Dia) Round duct	2081	LF								
1835				FLEXIBLE ROUND DUCT										
1836				(8"Dia) Flexible Round Duct	710	LF								
1837				(4"Dia) Flexible Round duct	199	LF								
1838			(5"Dia) Flexible Round duct	371	LF									
1839			(7"Dia) Flexible Round duct	481	LF									
1840			(8"Dia) Flexible Round duct	2140	LF									
Subtotal														
				150000	DIVISION 15 - PLUMBING									
1838				FCO - FLOOR CLEANOUT - CAST IRON CLEANOUT W/ GSKET SEAL & THREADED PLUG, ADJUSTABLE CAST IRON ROUND TOP W/ SECURING SCREW - JAY R. SMITH FIGURE 4220	6	EA								
1839				(2") HUB DRAIN W/ PRIMER CONNECTION	38	EA								
1840				AAV - AIR ADMITTANCE VALVE - STUDOR MINI-VENT, INTERNAL SCREENING, PREVENTS THE RELEASE OF FOUL AIR WHITE ABS	38	EA								

[illegible]

[illegible]

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
1978				(4'6"Lx2Dx2'10"H) Base cabinet.	20	EA							
1979				(6'6"Lx2Dx2'10"H) Base cabinet.	10	EA							
1980				(9'Lx2Dx2'10"H) Base cabinet.	10	EA							
1981				(12'Lx2Dx2'10"H) Base cabinet.	4	EA							
1982				Cabinet.	154	EA							
1983				16" Mud bench	80	EA							
				Subtotal									
			070000	DIVISION 07 - THERMAL AND MOISTURE PROTECTION									
				ROOFING									
1984	A2-10			(R-38) Roof insulation.	18745	SF							
1985				(60 MIL) TPO Roofing.	18745	SF							
1986	A1-11A TO			Walking pad.	750	LF							
1987	ID-7.3			Air/Moisture barrier.	12215	SF							
			076000	SHEET METAL FLASHING AND TRIM									
1988	A1-11A TO			Downspout.	470	LF							
1989	ID-7.3			Gutter.	785	LF							
				Subtotal									
			080000	DIVISION 08 - OPENING									
			080152	WOOD WINDOWS									
1990				Type S10, (9'-0" W x 8'-2" H) Single vinyl window.	1	EA							
1991				Type W 01, (2'-6" W x 6'-0" H) Single vinyl window.	58	EA							
1992	A1-11A TO			Type W 02, (3'-0" W x 6'-0" H) Single vinyl window.	36	EA							
1993	ID-7.3			Type W 03, (5'-0" W x 6'-0" H) Single vinyl window.	32	EA							
1994				Type W 04, (6'-0" W x 6'-0" H) Single vinyl window.	334	EA							
1995				Type W 05, (9'-0" W x 7'-8" H) Single vinyl window.	9	EA							
			081113	HOLLOW METAL DOORS, FRAMES AND HARDWARE									
1996	A1-11A TO			(HR 45 MIN) (3'-0" W x 7'-0" H) HM door & frame.	20	EA							
1997	ID-7.3			(HR 90 MIN) (3'-0" W x 7'-0" H) HM door & frame.	12	EA							
			082100	WOOD DOORS									
1998				(2'-10" W x 6'-8" H) Solid core wood door & frame.	369	EA							
1999				Unit A2F, (2'-6" W x 6'-8" H) Solid core wood door & frame.	26	EA							
2000				(HR 20 MIN) (3'-0" W x 7'-0" H) Solid core wood door & frame.	76	EA							
2001	A1-11A TO			(9'-0" W x 8'-0" H) Vinyl/ Glass door & frame.	9	EA							
2002	ID-7.3			(3'-0" W x 8'-0" H) Fiberglass door & frame.	55	EA							
2003				(5'-0" W x 6'-8" H) Solid core wood door & frame.	36	EA							
2004				(3'-0" W x 6'-8" H) Solid core wood door & frame.	12	EA							
2005				(1'-6" W x 6'-8" H) Hollow core wood door & frame.	14	EA							
2006				(3'-0" W x 6'-8" H) Hollow core wood door & frame.	118	EA							
			087100	FINISH HARDWARE									
2007	A1-11A TO			Door hardware. (747 EA)	1	LS							
				Subtotal									
			090000	DIVISION 09 - FINISHES									
2008				Exterior Type CP-1, Fiber cement panel (4"x10") W/ Battens-White Allura.	5684	SF							
2009	A1-11A TO			Exterior Type CP-2, Fiber cement panel (4"x10") W/ Battens-Dark gray.	11452	SF							
2010	ID-7.3			Exterior Type CP-3,Fiber cement panel (4"x10") W/ Metal Reveals White.	2420	SF							
2011				Exterior Type WP-1, Wall panel.	4815	SF							
2012				Exterior Type CT-1, (1'2" H)	702	LF							
2013				Exterior Type CT-1, (2'3" H)	251	LF							
			092600	GYPSUM BOARD ASSEMBLIES									
2014	A1-11A TO			5/8" GWB ceiling.	68167	SF							
				INTERIOR WALLS									
				(1 HR) TYPE 1WB4, GWB UNIT WALL (7110 LF)									
2015	A1-11A TO			(2x4) Wood studs at 16" O.C	48122	LF							
2016	ID-7.3			(5/8", 1-Layer) Type X, GYP. BD. both side	127980	SF							
2017				(2x4) Top and bottom track.	21330	LF							
				(1 HR) TYPE 1WB6, GWB UNIT WALL (910 LF)									
2018	A1-11A TO			(2x6) Wood studs at 16" O.C	6167	LF							
2019	ID-7.3			(5/8", 1-Layer) Type X, GYP. BD. both side	16380	SF							
2020				(2x6) Top and bottom track.	2730	LF							
				(1 HR) TYPE 1WC4, GWB WALL (200 LF)									
2021	A1-11A TO			(2x4) Wood studs at 16" O.C	1362	LF							
2022	ID-7.3			(1/2") Resilient channel	1362	LF							
2023				(4") Batt insulation	1800	SF							
2024				(5/8", 1-Layer) Type X, GYP. BD. One side	1800	SF							
2025				(5/8", 1-Layer) Type X, Exterior grade GYP. BD. One side	1800	SF							
2026				(2x4) Top and bottom track.	600	LF							
2027				(1/2") Top and bottom track.	400	LF							
				(1 HR) TYPE 1WC6, GWB WALL (2120 LF)									
2028	A1-11A TO			(2x6) Wood studs at 16" O.C	14355	LF							
2029	ID-7.3			(1/2") Resilient channel	14355	LF							
2030				(6") Batt insulation	19080	SF							
2031				(5/8", 1-Layer) Type X, GYP. BD. One side	19080	SF							
2032				(5/8", 1-Layer) Type X, Exterior grade GYP. BD. One side	19080	SF							
2033				(2x6) Top and bottom track.	6360	LF							
2034				(1/2") Top and bottom track.	4240	LF							
				(1 HR) TYPE 1WD4, GWB UNIT SEP. WALL (2995 LF)									
2035	A1-11A TO			(2x4) Wood studs at 16" O.C	20280	LF							
2036	ID-7.3			(4") Batt insulation	53910	SF							
2037				(5/8", 1-Layer) Type X, GYP. BD. both side	53910	SF							
2038				(2x4) Top and bottom track.	8985	LF							
				(1 HR) TYPE 1WD6, GWB UNIT SEP. WALL (885 LF)									
2039	A1-11A TO			(2x6) Wood studs at 16" O.C	6000	LF							
2040	ID-7.3			(6") Batt insulation	15930	SF							
2041				(5/8", 1-Layer) Type X, GYP. BD. both side	15930	SF							
2042				(2x6) Top and bottom track.	2655	LF							
				(2 HR) TYPE 2WK4, GWB SHAFT WALL (685 LF)									
2043	A1-11A TO			(2x4) Wood studs at 16" O.C	9289	LF							
2044	ID-7.3			(4") Batt insulation	12330	SF							
2045				(5/8", 1-Layer) Type X, GYP. BD. both side	12330	SF							
2046				(1", 1-Layer) Type X, GYP. Liner panel both side	12330	SF							
2047				(2x4) Top and bottom track.	4110	LF							
				(2 HR) TYPE 2WK6, GWB SHAFT WALL (140 LF)									
2048	A1-11A TO			(2x6) Wood studs at 16" O.C	1913	LF							
2049	ID-7.3			(4") Batt insulation	2520	SF							
2050				(5/8", 1-Layer) Type X, GYP. BD. both side	2520	SF							
2051				(1", 1-Layer) Type X, GYP. Liner panel both side	2520	SF							
2052				(2x6) Top and bottom track.	840	LF							
				(1 HR) EXTERIOR WALL (3035 LF)									
2053	A1-11A TO			(2x6) Wood studs at 16" O.C	20547	LF							
2054	ID-7.3			(R-20) Batt insulation.	12215	SF							
2055				(5/8", 1-Layer) Typ X, GYP. BD. One side.	12215	SF							
2056				(5/8", 1-Layer) Type X, Exterior Plywood sheathing one side.	12215	SF							
2057				(2x6) Top and bottom track.	9105	LF							
			093100	CERAMIC / PORCELAIN TILING									

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
2058	A1-11A TO ID-7.3			porcelain wall tile.	6050	SF							
2059				Kitchen backsplash wall tile.	1435	SF							
			096000	FLOORING									
2060	A1-11A TO ID-7.3			Carpet floor.	19536	SF							
2061				Vinyl wood plank w/ sound mat floor.	39141	SF							
2062				Wood base painted.	21097	LF							
			099100	PAINTING									
2063	A1-11A TO ID-7.3			GWB ceiling paint.	68170	SF							
2064				GWB wall paint.	25915	SF							
2065				Door paint. (747 EA)	35310	SF							
				Subtotal									
			100000	DIVISION 10 - SPECIALTIES									
			101510	TOILET COMPARTMENTS									
2066	A1-11A TO ID-7.3			Compartment wall. (6' H)	415	LF							
			102813	TOILET AND BATH ACCESSORIES									
2067	A1-11A TO ID-7.3			Mirror.	104	EA							
2068				Toilet paper holder.	104	EA							
2069				Tower bar.	104	EA							
2070				(36"x60") Tub	42	EA							
				Subtotal									
			110000	DIVISION 11 - EQUIPMENT									
2071	A1-11A TO ID-7.3			Dishwasher.	70	EA							
2072				Range & Micro wave.	70	EA							
2073				Refrigerator	70	EA							
2074				Dryer	70	EA							
2075				Washer	70	EA							
				Subtotal									
			120000	DIVISION 12 - FURNISHING									
			123660	QUARTZ SURFACING COUNTERTOPS									
2076				QUARTZ COUNTER TOP - MSI SURFACES - MANHATTAN GRAY 3CM - POLISHED	4405	SF							
				Subtotal									
			150000	DIVISION 15 - HEATING, VENTILATING, AND AIR- CONDITIONING (HVAC)									
2077	M1-11A TO MP1-21			DS 2-1-1 - Ductless split system w/ Heat pump Outdoor unit DSHP 2-1-1, Manuf: MITSUBISHI ELECTRIC, MODEL: PKA/PUZ, (705 CFM)	1	EA							
2078				DS 2-2-1 - Ductless split system w/ Heat pump Outdoor unit DSHP 2-2-1, Manuf: MITSUBISHI ELECTRIC, MODEL: PKA/PUZ, (705 CFM)	1	EA							
2079				EH 2-1-1 - ELECTRIC HEATER, MANUF: MARLEY, MODEL NO: AWH (100 CFM)	1	EA							
2080				EH 2-1-2 - ELECTRIC HEATER, MANUF: MARLEY, MODEL NO: AWH (100 CFM)	1	EA							
2081				EH 2-2-1 - ELECTRIC HEATER, MANUF: MARLEY, MODEL NO: AWH (100 CFM)	1	EA							
2082				FC 2-1-1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 2-1- 1, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA							
2083				FC 2-2-1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 2-2- 1, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA							
2084				FC 2-3-1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 2-3- 1, Manuf: CARRIER, FE4A/25HCE (800CFM)	1	EA							
2085				FC 2-4-1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 2-4- 1, Manuf: CARRIER, FE4A/25HCE (800CFM)	2	EA							
2086				Fire damper	5	EA							
2087				RG2 - (14"x14") Return grille - Manuf: Titus, Model: 355RS, Steel	4	EA							
2088				RG2 - (18"x18") Return grille - Manuf: Titus, Model: 355RS, Steel	5	EA							
2089				SG16 - (14x8) Supply grille - Manuf: Titus, Model: 301RS, Steel (200 CFM) w/ Radiation damper	20	EA							
2090				(BLDG 2000A) ESP-1 - PUMP - MODEL: STANCO OIL MINDER SYSTEM W/ ALARM & REMOTE MONITORING CIRCUIT	1	EA							
2091				(BLDG 2000A) NFWH - NON-FREEZE EXTERIOR WALL HYDRANT, (3/4") CAST BRONZE HYDRANT, RECESSED W/ STAINLESS STEEL BOX, VACCUM BREAKER, NICKEL BRONZE - JAY R. SMITH FIGURE 5509-QT	1	EA							
2092				(BLDG 2000A) NON-FREEZE WALL HYDRANT, ROOF MOUNT PEDESTAL W/ MOUNTING FLANGE & SHROUD, MALE HOSE END OUTLET W/ DUAL CHECK BACKFLOW PREVENTER, (3/4") INLET W/ SELF DRAINING VENTURI - WOODFORD MODEL SRH-MS	2	EA							
2093				EF A - EXHAUST FAN - MANUF: BROAN, MODEL: 670, (50 CFM)	93	EA							
2094				FC A2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A2, Manuf: CARRIER, FFMA/25HCE (600CFM)	4	EA							
2095				FC A3 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A3, Manuf: CARRIER, FFMA/25HCE (600CFM)	2	EA							
2096				FC A4 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A4, Manuf: CARRIER, FFMA/25HCE (600CFM)	14	EA							
2097				FC A5 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A5, Manuf: CARRIER, FFMA/25HCE (600CFM)	4	EA							
2098				FC A6 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A6, Manuf: CARRIER, FFMA/25HCE (800CFM)	5	EA							
2099				FC A7 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A7, Manuf: CARRIER, FFMA/25HCE (800CFM)	5	EA							
2100				FC B2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B2, Manuf: CARRIER, FFMA/25HCE (800CFM)	10	EA							
2101				FC B2E - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B2, Manuf: CARRIER, FFMA/25HCE (800CFM)	9	EA							
2102				FC B2-HC - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B2-HC, Manuf: CARRIER, FFMA/25HCE (800CFM)	1	EA							
2103				FC B3 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B3, Manuf: CARRIER, FFMA/25HCE (1000CFM)	4	EA							
2104				FC C1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP C1, Manuf: CARRIER, FFMA/25HCE (1200CFM)	10	EA							
2105				Radiation damper	483	EA							
2106				RG2 - (16"x10") Return grille - Manuf: Titus, Model: 355RS	38	EA							
2107				RG2 - (36"x10") Return grille - Manuf: Titus, Model: 355RS	14	EA							
2108				RG2 - (36"x12") Return grille - Manuf: Titus, Model: 355RS	34	EA							
2109				RG3 - (16"x10") Return grille - Manuf: Titus, Model: 350RL	90	EA							
2110				RG3 - (36"x10") Return grille - Manuf: Titus, Model: 350RL	20	EA							
2111				SG16 - (14x8) Supply grille - Manuf: Titus, Model: 301RS, Steel	248	EA							
2112				SG16 - (8x6) Supply grille - Manuf: Titus, Model: 301RS, Steel	167	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
				Galvanized sheet metal duct w/ Wrap equal to owns corning fiberglass w/ FRK vapor barrier. Insulation shall be R-6 except on roof shall be R-8.									
2113				(10X10) Metal duct	125	LF							
2114				(12X12) Metal duct	60	LF							
2115				(12X10) Metal duct	225	LF							
2116				(14X10) Metal duct	112	LF							
2117				(14X12) Metal duct	72	LF							
				ROUND DUCT									
2118				(8"Dia) Round duct	110	LF							
2119				(4"Dia) Round duct	2868	LF							
				FLEXIBLE ROUND DUCT									
2120				(10"Dia) Flexible round duct	1135	LF							
2121				(8"Dia) Flexible round duct	235	LF							
2122				(4"Dia) Flexible Round duct	570	LF							
2123				(5"Dia) Flexible Round duct	594	LF							
2124				(7"Dia) Flexible Round duct	1523	LF							
2125				(8"Dia) Flexible Round duct	3960	LF							
				Subtotal									
			150000	DIVISION 15 - PLUMBING									
2126				(BLDG 2000A) FCO - FLOOR CLEANOUT - CAST IRON CLEANOUT W/ GSKET SEAL & THREADED PLUG, ADJUSTABLE CAST IRON ROUND TOP W/ SECURING SCREW - JAY R. SMITH FIGURE 4220	6	EA							
2127				(BLDG 2000A) FD-2 - (4") FLOOR DRAIN - CAST IRON (12"Dia) DRAIN W/ SEDIMENT BUCKET, Cast IRON GRATE, Speedi set OUTLET, & TRAP PRIMER - JAY R. SMITH FIGURE 2142-M	1	EA							
2128				(2") HUB DRAIN W/ PRIMER CONNECTION	68	EA							
2129				AAV - AIR ADMITTANCE VALVE - STUDOR MINI-VENT, INTERNAL SCREENING, PREVENTS THE RELEASE OF FOUL AIR WHITE ABS	68	EA							
2130				W/PT-FICE WATER OUTLET BOX: ABS, LEAD FREE W/ QUARTER TURN BALL VALVE, WATER HAMMER ARRESSTOR	68	EA							
2131				KS-1 - KITCHEN SINK - RESIDENTIAL	68	EA							
2132				LAV-1 - LAVATORY - RESIDENTIAL	186	EA							
2133				SH-1 - SHOWER - RESIDENTIAL W/ SHOWER HEAD	68	EA							
2134				SHUTT-OFF VALVE	68	EA							
2135				WATER SUBMETER	68	EA							
2136				WC-1 - WATER CLOSET - RESIDENTIAL	102	EA							
2137				WH-1 - WATER HEATER - MODEL: ENLB-40 - 38 GAL, W/ T&P RELEIF VALVE, VACCUM RELIEF VALVE & WATTS LFBRV COMBINATION BALL & THERMAL RELIEF VALVE, A.O SMITH - PROLINE SERIES	34	EA							
2138				WH-2 - WATER HEATER - MODEL: ENLB-50 - 48 GAL, W/ T&P RELEIF VALVE, VACCUM RELIEF VALVE & WATTS LFBRV COMBINATION BALL & THERMAL RELIEF VALVE, A.O SMITH - PROLINE SERIES	34	EA							
2139				WM-1 - WASHING MACHINE OUTLET BOX, ABS, LEAD FREE W/ QUARTER TURN BALL VALVE, WATER HAMMER ARRESSTOR - SIOUX CHIEF 696-G1010 SERIES	68	EA							
2140				DOMESTIC WATER PIPING									
2141				(BLDG 2000A) (1-1/2") COLD WATER PIPE	275	LF							
2142				(BLDG 2000A) (4") COLD WATER PIPE	592	LF							
2143				(BLDG 2000A) (8") FIRE SERVICE LINE	15	LF							
2144				(1/2") COLD WATER PIPE	3453	LF							
2145				(1/2") HOT WATER PIPE	2630	LF							
2146				(1-1/4") COLD WATER PIPE	313	LF							
2147				(3/4") COLD WATER PIPE	2689	LF							
2147				(3/4") HOT WATER PIPE	2289	LF							
				SANITARY PIPING									
2148				(BLDG 2000A) (4") SANITARY PIPE	141	LF							
2149				(BLDG 2000A) (8") SANITARY PIPE	460	LF							
2150				(2") SANITARY PIPE	2965	LF							
2151				(2") VENT PIPE	1217	LF							
2152				(3") SANITARY PIPE	3247	LF							
2153				(3") VENT PIPE	966	LF							
				Subtotal									
			160000	DIVISION 16 - ELECTRICAL									
				LIGHT FIXTURE									
2154				A1 - 6" SURFACE MOUNT LED DOWNLIGHT - MANUF: HALO, MODEL: SLD 1200 SERIES / SLD612835WH/80 CRI/3500K/WHITE	92	EA							
2155				B1 - UNIT ENTRY SCONE - MANUF: SAVOY HOUSE, MODEL: 9-0901-1-89/GLENN 1-LIGHT WALL SCONE / 7"WX12"HX9"D/E26 8W 120V LED BULB (1 PER FIXTURE) / MATTE BLACK FINISH	68	EA							
2156				EM - EMERGENCY FIXTURE LIGHT - SEALED NICKEL CADMIUM BATTERY, CIRCULAR HEAD, DAMP LOCATION LISTED, W/ BATTERY CAPACITY TO POWER REMOTE HEAD, MANUF: SURE LITES SEL50 SERIES LITHONIA	25	EA							
2157				EMR1 - REMOTE HEAD, PAIRED W/ EMERGENCY FIXTURE OR EXIT SIGN, SINGLE HEAD, MANUF: SURE LITES SRP SERIES	1	EA							
2158				S1 - 4' LED STRIP LIGHT - METALUX SNLED SERIES, LITHONIA	41	EA							
2159				S1E - 4' LED STRIP LIGHT - METALUX SNLED SERIES, LITHONIA W/ 1600 LUMENS BATTERY	15	EA							
2160				S2E - 4' LED VAPORTIGHT STRIP, IMPACT RESISTANT POLYCARBONATE HOUSING, IMPACT RESISTANT FROASTED POLYCARBONATE LENS, LED LAMP, WIDE DISTRIBUTION, MANUF: LITHONIA VAP LED SERIES, PHILIPS W/ 1600 LUMEN BATTERY	4	EA							
2161				S3 - 4' SURFACE/WALL MOUNTED LED FIXTURE, INTEGRAL OCCUPANCY SENSOR W/ 0-10V DIMMING, STEP DIMMING, HIGH LUMEN OUTPUT, INTEGRAL 14W BATTERY PACK, MANUF: METALUX SWLED SERIES LITHONIA	30	EA							
2162				X1 - EXIT SIGN, LED LAMP, POLYCARBONATE HOUSING, SELF CONTAINED BATTERY, MODEL: SURE LITES LPX SERIES LITHONIA	43	EA							
2163				D - 7" SURFACE MOUNTED LED FIXTURE - MANUF: SATCO - S29331 / 7" FLUSH MOUNT LED FIXTURE - ROUND /120V	556	EA							
2164				F - 50" CEILING FAN W/ LED LIGHT KIT - MANUF: CASK INDUSTRIES - CF104/4-BLADE/50"WX19.5"H	180	EA							
2165				P - ISLAND PENDANT - MANUF: KUZCO LIGHTING - MODEL: VANDERBILT 493210-WH/GD/10"DIA X 12"H / 120" MAX CORD LENGTH	170	EA							
2166				VA - VANITY SCONE - MANUF: QUORUM INTERNATIONAL - MODEL: 507-3-6980/EP5Y 3-LIGHT VANITY / 9.25"H X23.5"W X 7"D / 100W MAX WATTAGE	186	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST		
							MHrs/ Unit	\$/Hour	(\$Per Unit)						
2167	E1-11A TO EP1-32			W - EXTERIOR SCONE - MANUF: QUORUM INTERNATIONAL - MODEL: 730-69/TORREY SM LANTERN - NR/13.75"H X 7.5"W X 14.75"D / 100W MAX	68	EA									
2168						LIGHTING CONTROLS									
2169						3-WAY SWITCH	302	EA							
2170						OCCUPANCY SENSOR SWITCH	11	EA							
						SINGLE POLE SWITCH	250	EA							
						RECEPTACLES & SWITCHES									
2171						DUPLEX RECEPTACLE	1115	EA							
2172						GFI DUPLEX RECEPTACLE	712	EA							
2173						GFI RECEPTACLE WEATHER PROOF	71	EA							
2174						JUNCTION BOX	137	EA							
2175						QUAD RECEPTACLE	10	EA							
2176						TWO WAY COMMUNICATION BASE STATION	1	EA							
2177						TWO WAY COMMUNICATION CALL BOX	7	EA							
						DISCONNECT SWITCHES									
2178						DISCONNECT SWITCH	2	EA							
2179						SERVICE DISCONNECT "2DA"	1	EA							
2180						240 VOLT RECEPTACLE	136	EA							
2181						COMBINATION DATA/ TELE OUTLET	360	EA							
2182						SPLIT DUPLEX RECEPTACLE	68	EA							
2183						TELEVISION OUTLET	180	EA							
2184			USB DUPLEX RECEPTACLE	205	EA										
2185			USB GFI DUPLEX RECEPTACLE	64	EA										
	E1-11A TO EP1-32			LOW VOLTAGE & OTHER ELECTRICAL DEVICES											
2186						CT ENCLOSURE & KWH METER	1	EA							
2187						METERCENTER ELBOW	8	EA							
2188						(METER STACK	16	EA							
2189						(METERCENTER MAIN	3	EA							
2190						ELECTRIC WIRING	1	LS							
						ELECTRIC BREAKER									
2191						ELECTRIC BREAKER - 1P 20A	980	EA							
2192						ELECTRIC BREAKER - 2P 30A	134	EA							
2193						ELECTRIC BREAKER - 2P 50A	67	EA							
						ELECTRIC PANEL									
2194						LOAD CENTER - 125A MLO 1PHASE 3W	71	EA							
2195						DISTRIBUTION PANEL "2DA" - 800.0A MLO 3PHASE 4W	1	EA							
2196						SWITCHBOARD "MS21" - 4000.0A MCB 3PHASE 4W	1	EA							
2197						ELECTRIC PANEL "2A2" - 200A MLO 3PHASE 4W	1	EA							
2198						ELECTRIC PANEL "2A4" - 200A MLO 3PHASE 4W	1	EA							
						FIRE ALARM									
2199						FIRE ALARM CONTROL PANEL	1	EA							
2200						FIRE ALARM DOOR HOLDER	27	EA							
2201						FIRE ALARM HORN W/STROBE (CANDELAS)	37	EA							
2202			FIRE ALARM HORN W/STROBE (CANDELAS)	6	EA										
2203			FIRE ALARM PULL STATION	11	EA										
2204			FIRE ALARM PULL STATION	1	EA										
2205			HEAT DETECTOR	1	EA										
2206			SMOKE DETECTOR	48	EA										
2207			SPRINKLER FLOW SWITCH	9	EA										
2208			SPRINKLER FLOW SWITCH	1	EA										
2209			SPRINKLER VALVE TAMPER SWITCH	9	EA										
2210			SPRINKLER VALVE TAMPER SWITCH	1	EA										
2211			120V, SELF CONTAINED AUDIBLE CARBON MONOXIDE SMOKE ALARM	113	EA										
2212			120V, SELF CONTAINED AUDIBLE SMOKE ALARM	112	EA										
2213			FIRE ALARM MINI HORN (CANDELAS)	163	EA										
2214			FIRE ALARM MINI HORN W/ STROBE (CANDELAS)	4	EA										
			Subtotal												
				BUILDING 2000 B											
				DIVISION 02 - EXISTING CONDITIONS											
				020000											
				022000											
				EARTHWORK											
2215	S1-21B &	S0-01, S3-01 &		Footing excavation.	37435	CF									
2216	S1-21D	S3-02		Footing backfill.	22075	CF									
				Subtotal											
				030000											
				DIVISION 03 - CONCRETE											
				033000											
				CAST IN PLACE CONCRETE											
				(2'Wx1'8"H) CONCRETE FOOTING											
2217	S1-21B &	S0-01, S3-01 &		Compaction of sub-grade.	4335	SF									
2218	S1-21D	S3-02		Rebar's (Grade 60)	9240	LB									
2219				Concrete footing. (f'c = 3000 PSI)	5775	CF									
				(2'Wx2'2"H) CONCRETE FOOTING											
2220	S1-21B &	S0-01, S3-01 &		Compaction of sub-grade.	1555	SF									
2221	S1-21D	S3-02		Rebar's (Grade 60)	4310	LB									
2222				Concrete footing. (f'c = 3000 PSI)	2700	CF									
				(1'Wx8"H) CONCRETE FOOTING											
2223	S1-21B &	S0-01, S3-01 &		Compaction of sub-grade.	505	SF									
2224	S1-21D	S3-02		Rebar's (Grade 60)	360	LB									
2225				Concrete footing. (f'c = 3000 PSI)	225	CF									
				(5'Wx1'2"H) RETAINING WALL CONCRETE FOOTING											
2226	S1-21B &	S0-01, S3-01 &		Compaction of sub-grade.	2180	SF									
2227	S1-21D	S3-02		Rebar's (Grade 60)	3700	LB									
2228				Concrete footing. (f'c = 3000 PSI)	2310	CF									
				RETAINING WALL											
2229	S1-21B &	S0-01, S3-01 &		Rebar's (Grade 60)	6975	LB									
2230	S1-21D	S3-02		(12" THK) Concrete wall. (f'c = 5000 PSI)	4360	CF									
				SLAB ON GRADE											
2231	S1-21B &	S0-01, S3-01 &		Compaction of sub-grade.	17970	SF									
2232	S1-21D	S3-02		(10 MIL) Vapor barrier.	17970	SF									
2233				(4" Thick) Reinforced concrete slab w/ post tensioning. (f'c = 3000 PSI)	17970	SF									
				SLAB ON GRADE											
2234	S1-21B &	S0-01, S3-01 &		Compaction of sub-grade.	1365	SF									
2235	S1-21D	S3-02		(10 MIL) Vapor barrier.	1365	SF									
2236				(4" Thick) Concrete slab w/ CIP 6x6 - 10/10 WWM. (f'c = 3000 PSI)	1365	SF									
2237	S1-22D to S1-24D			Metal pan concrete stair.	225	SF									
				Subtotal											
				040000											
				DIVISION 04 - MASONRY											
				042000											
				UNIT MASONRY											
2238	A1-11A TO ID-7.3			Exterior Type BR-1, Brick Veneer-Gray.	955	SF									
				Subtotal											
				050000											
				DIVISION 05 - METAL											
				057000											
				ORNAMENTAL METAL											

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
2239	A1-11A TO ID-7.3			(42" H) Hand Rail.	110	LF							
2240				Type-MR-1, 42" Aluminum picket railing.	1140	LF							
				Subtotal									
			060000	DIVISION 06 - WOOD, PLASTIC AND COMPOSITES									
			061053	WOOD FRAMING									
2241	S1-22B to S1-25D			(2x8) Header beam.	1315	LF							
2242				(2x10) Header beam.	1325	LF							
2243				5.5x11.25 GL	320	LF							
2244				5.5x14 GL	50	LF							
2245				5.5x18 GL	240	LF							
2246				7x18 GL	130	LF							
2247				5.25x11.25 PSL	165	LF							
2248				Pre-Fabricated wood floor trusses	25015	LF							
2249				Pre-Engineered Roof Trusses	9290	LF							
2250				(2x12) Canopy SCAB	1280	LF							
2251				Joist hanger.	4566	EA							
			061000	ROUGH CARPENTRY									
2252	S1-22B to S1-25D			(3/4") T&G OSB or Plywood sheathing.	49785	SF							
2253				(5/8") Exterior grade OSB or Plywood sheathing.	19260	SF							
	A1-11A TO ID-7.3			SHEARWALL									
2254				(5/8", 1-Layer) Plywood sheathing.	23265	SF							
			064100	ARCHITECTURAL WOOD CASEWORK									
2255	A1-11A TO ID-7.3			(12" W) Road & Shelf.	1979	LF							
2256				(12)Lx1'Dx2'6"H) Wall cabinet.	8	EA							
2257				(12)Lx1Dx2'6"H) Wall cabinet.	4	EA							
2258				(13'8"Lx1Dx2'6"H) Wall cabinet.	7	EA							
2259				(11'Lx1Dx2'6"H) Wall cabinet.	9	EA							
2260				(8'8"Lx1Dx2'6"H) Wall cabinet.	10	EA							
2261				(13'Lx2Dx2'10"H) Wall cabinet.	2	EA							
2262				(14'Lx1D2'10"H) Wall cabinet.	16	EA							
2263				(11'2"Lx1Dx2'6"H) Wall cabinet.	10	EA							
2264				(11'3"Lx1Dx2'6"H) Wall cabinet.	26	EA							
2265				(6'Lx2Dx2'10"H) Base cabinet.	153	EA							
2266				(11'Lx2Dx2'10"H) Base cabinet.	25	EA							
2267				(8'8"Lx2Dx2'10"H) Base cabinet.	26	EA							
2268				(12'Lx2Dx2'10"H) Base cabinet.	17	EA							
2269				(11'9"Lx2Dx2'10"H) Base cabinet.	8	EA							
2270				(6'8"Lx2Dx2'10"H) Base cabinet.	9	EA							
2271				(4'Lx2Dx2'10"H) Base cabinet.	10	EA							
2272				(8'Lx2Dx2'10"H) Base cabinet.	10	EA							
2273				(9'4"Lx2Dx2'10"H) Base cabinet.	9	EA							
2274				Cabinet.	169	EA							
2275				16" Mud bench	70	EA							
				Subtotal									
			070000	DIVISION 07 - THERMAL AND MOISTURE PROTECTION									
2276	A2-10			ROOFING									
2277				(R-38) Roof insulation.	19260	SF							
2278	A1-11A TO ID-7.3			(60 MIL) TPO Roofing.	19260	SF							
2279				Walking pad.	835	LF							
				Air/Moisture barrier.	12000	SF							
2280	A1-11A TO ID-7.3		076000	SHEET METAL FLASHING AND TRIM									
2281				Downspout.	360	LF							
				Gutter.	755	LF							
				Subtotal									
			080000	DIVISION 08 - OPENING									
			080152	WOOD WINDOWS									
2282	A1-11A TO ID-7.3			Type S10, (9'-0" W x 8'-2" H) Single vinyl window.	1	EA							
2283				Type W 01, (2'-6" W x 6'-0" H) Single vinyl window.	35	EA							
2284				Type W 02, (3'-0" W x 6'-0" H) Single vinyl window.	22	EA							
2285				Type W 03, (5'-0" W x 6'-0" H) Single vinyl window.	83	EA							
2286				Type W 04, (6'-0" W x 6'-0" H) Single vinyl window.	290	EA							
2287				Type W 05, (9'-0" W x 7'-8" H) Single vinyl window.	9	EA							
			081113	HOLLOW METAL DOORS, FRAMES AND HARDWARE									
2288	A1-11A TO ID-7.3			(3'-0" W x 8'-0" H) HM door & frame.	4	EA							
			082100	WOOD DOORS									
2289	A1-11A TO ID-7.3			(HR 90 MIN) (3'-0" W x 7'-0" H) HM door & frame.	4	EA							
2290				(HR 45 MIN) (3'-0" W x 7'-0" H) HM door & frame.	13	EA							
2291				(HR 20 MIN) (3'-0" W x 7'-0" H) Solid core wood door & frame.	79	EA							
2292				(2'-10" W x 6'-8" H) Solid core wood door & frame.	459	EA							
2293				(2'-6" W x 6'-8" H) Solid core wood door & frame.	13	EA							
2294				(3'-0" W x 8'-0" H) Fiberglass door & frame.	71	EA							
2295				(6'-0" W x 7'-0" H) Vinyl/ Glass door & frame.	15	EA							
2296				(9'-0" W x 8'-0" H) Vinyl/ Glass door & frame.	10	EA							
2297				(5'-0" W x 6'-8" H) Solid core wood door & frame.	26	EA							
2298				(1'-6" W x 6'-8" H) Hollow core wood door & frame.	9	EA							
2299				(3'-0" W x 6'-8" H) Hollow core wood door & frame.	73	EA							
			087100	FINISH HARDWARE									
2300	A1-11A TO ID-7.3			Door hardware. (776 EA)	1	LS							
				Subtotal									
			090000	DIVISION 09 - FINISHES									
2301	A1-11A TO ID-7.3			Exterior Type CP-1, Fiber cement panel (4"x10") W/ Battens-White Allura.	6420	SF							
2302				Exterior Type CP-2, Fiber cement panel (4"x10") W/ Battens-Dark gray.	8855	SF							
2303				Exterior Type CP-3, Fiber cement panel (4"x10") W/ Metal Reveals White.	2330	SF							
2304				Exterior Type WP-1, Wall panel.	7130	SF							
2305				Exterior Type CT-1, (12" H)	880	LF							
2306				Exterior Type CT-1, (2'3" H)	215	LF							
			092600	GYPSPUM BOARD ASSEMBLIES									
2307	A1-11A TO ID-7.3			5/8" GWB ceiling.	74865	SF							
				INTERIOR WALLS									
	A1-11A TO ID-7.3			(1 HR) TYPE 1WB4, GWB UNIT WALL (6590 LF)									
2308				(2x4) Wood studs at 16" O.C	44600	LF							
2309				(5/8", 1-Layer) Type X, GYP. BD. both side	118620	SF							
2310				(2x4) Top and bottom track	19770	LF							
	A1-11A TO ID-7.3			(1 HR) TYPE 1WB6, GWB UNIT WALL (3035 LF)									
2311				(2x6) Wood studs at 16" O.C	20550	LF							
2312				(5/8", 1-Layer) Type X, GYP. BD. both side	54630	SF							
2313				(2x6) Top and bottom track.	9105	LF							
				(1 HR) TYPE 1WC4, GWB WALL (150 LF)									
2314				(2x4) Wood studs at 16" O.C	1025	LF							
2315				(1/2") Resilient channel	1025	LF							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
2316	A1-11A TO ID-7.3			(4") Batt insulation	1350	SF							
2317				(5/8", 1-Layer) Type X, GYP. BD. One side	1350	SF							
2318				(5/8", 1-Layer) Type X, Exterior grade GYP. BD. One side	1350	SF							
2319				(2x4) Top and bottom track.	450	LF							
2320				(1/2") Top and bottom track.	300	LF							
2321	A1-11A TO ID-7.3			(1 HR) TYPE 1WC6, GWB WALL (2435 LF)									
2322				(2x6) Wood studs at 16" O.C	16485	LF							
2323				(1/2") Resilient channel	16485	LF							
2324				(6") Batt insulation	21915	SF							
2325				(5/8", 1-Layer) Type X, GYP. BD. One side	21915	SF							
2326				(5/8", 1-Layer) Type X, Exterior grade GYP. BD. One side	21915	SF							
2327				(2x6) Top and bottom track.	7305	LF							
				(1/2") Top and bottom track.	4870	LF							
2328	A1-11A TO ID-7.3			(1 HR) TYPE 1WD4, GWB UNIT SEP. WALL (3485 LF)									
2329				(2x4) Wood studs at 16" O.C	23592	LF							
2330				(4") Batt insulation	62730	SF							
2331				(5/8", 1-Layer) Type X, GYP. BD. both side	62730	SF							
				(2x4) Top and bottom track.	10455	LF							
2332	A1-11A TO ID-7.3			(1 HR) TYPE 1WD6, GWB UNIT SEP. WALL (1120 LF)									
2333				(2x6) Wood studs at 16" O.C	7588	LF							
2334				(6") Batt insulation	20160	SF							
2335				(5/8", 1-Layer) Type X, GYP. BD. both side	20160	SF							
				(2x6) Top and bottom track.	3360	LF							
2336	A1-11A TO ID-7.3			(2 HR) TYPE 2WK4, GWB SHAFT WALL (180 LF)									
2337				(2x4) Wood studs at 16" O.C	2455	LF							
2338				(4") Batt insulation	3240	SF							
2339				(5/8", 1-Layer) Type X, GYP. BD. both side	3240	SF							
2340				(1", 1-Layer) Type X, GYP. Liner panel both side	3240	SF							
				(2x4) Top and bottom track.	1080	LF							
2341	A1-11A TO ID-7.3			(2 HR) TYPE 2WK6, GWB SHAFT WALL (95 LF)									
2342				(2x6) Wood studs at 16" O.C	1310	LF							
2343				(4") Batt insulation	1710	SF							
2344				(5/8", 1-Layer) Type X, GYP. BD. both side	1710	SF							
2345				(1", 1-Layer) Type X, GYP. Liner panel both side	1710	SF							
				(2x6) Top and bottom track.	570	LF							
2346	A1-11A TO ID-7.3			(1 HR) EXTERIOR WALL (2950 LF)									
2347				(2x6) Wood studs at 16" O.C	19970	LF							
2348				(R-20) Batt insulation.	12000	SF							
2349				(5/8", 1-Layer) Typ X, GYP. BD. One side.	12000	SF							
2350				(5/8", 1-Layer) Type X, Exterior Plywood sheathing one side.	12000	SF							
				(2x6) Top and bottom track.	8850	LF							
2351	A1-11A TO ID-7.3		093100	CERAMIC / PORCELAIN TILING									
2352				porcelain wall tile.	7435	SF							
				Kitchen backsplash wall tile.	1630	SF							
2353	A1-11A TO ID-7.3		096000	FLOORING									
2354				Carpet floor.	20410	SF							
2355				Vinyl wood plank w/ sound mat floor.	41710	SF							
				Wood base painted.	20750	LF							
2356	A1-11A TO ID-7.3		099100	PAINTING									
				GWB ceiling paint.	74865	SF							
				GWB wall paint.	286075	SF							
2358				Door paint. (776 EA)	37855	SF							
				Subtotal									
			100000	DIVISION 10 - SPECIALTIES									
			101510	TOILET COMPARTMENTS									
2359	A1-11A TO ID-7.3			Compartment wall. (6' H)	500	LF							
			102813	TOILET AND BATH ACCESSORIES									
2360	A1-11A TO ID-7.3			Mirror.	108	EA							
2361				Toilet paper holder.	108	EA							
2362				Tower bar.	108	EA							
2363				(36"x60") Tub	46	EA							
				Subtotal									
			110000	DIVISION 11 - EQUIPMENT									
2364	A1-11A TO ID-7.3			Dishwasher.	94	EA							
2365				Range & Micro wave.	94	EA							
2366				Refrigerator	94	EA							
2367				Dryer	94	EA							
2368				Washer	94	EA							
2369				Washer/Dryer stacked.	94	EA							
				Subtotal									
			120000	DIVISION 12 - FURNISHING									
			123660	QUARTZ SURFACING COUNTERTOPS									
2370				QUARTZ COUNTER TOP - MSI SURFACES - MANHATTAN GRAY 3CM - POLISHED	4910	SF							
				Subtotal									
			150000	DIVISION 15 - HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)									
2371				DS 2-2-1 - Ductless split system w/ Heat pump Outdoor unit DSHP 2-2-2, Manuf: MITSUBISHI ELECTRIC, MODEL: PKA/PUZ, (705 CFM)	1	EA							
2372				EH 2-1-3 - ELECTRIC HEATER, MANUF: MARLEY, MODEL NO: AWH (100 CFM)	1	EA							
2373				FC 2-1-2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 2-1-2, Manuf: CARRIER, FE4A/25HCE (1000CFM)	2	EA							
2374				FC 2-3-2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP 2-3-2, Manuf: CARRIER, FE4A/25HCE (1000CFM)	3	EA							
2375				Fire damper	5	EA							
2376				RG2 - (14"x14") Return grille - Manuf: Titus, Model: 355RS, Steel	2	EA							
2377				RG2 - (14"x14") Return grille - Manuf: Titus, Model: 355RS, Steel	2	EA							
2378				RG2 - (18"x24") Return grille - Manuf: Titus, Model: 355RS, Steel	5	EA							
2379				SG16 - (14x8) Supply grille - Manuf: Titus, Model: 301RS, Steel (200 CFM) w/ Radiation damper	10	EA							
2380				SG16 - (14x8) Supply grille - Manuf: Titus, Model: 301RS, Steel (200 CFM) w/ Radiation damper	15	EA							
2381				(BLDG 2000B) NON-FREEZE WALL HYDRANT, ROOF MOUNT PEDESTAL W/ MOUNTING FLANGE & SHROUD, MALE HOSE END OUTLET W/ DUAL CHECK BACKFLOW PREVENTER, (3/4") INLET W/ SELF DRAINING VENTURI - WOODFORD MODEL SRH-MS	2	EA							
2382				EF A - EXHAUST FAN - MANUF: BROAN, MODEL: 670, (50 CFM)	103	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
2383	M1-11A TO MP1-21			FC A2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A2, Manuf: CARRIER, FFMA/25HCE (600CFM)	4	EA							
2384				FC A3 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A3, Manuf: CARRIER, FFMA/25HCE (600CFM)	2	EA							
2385				FC A4 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A4, Manuf: CARRIER, FFMA/25HCE (600CFM)	26	EA							
2386				FC A4-HC - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A4-HC, Manuf: CARRIER, FFMA/25HCE (600CFM)	2	EA							
2387				FC A6 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A6, Manuf: CARRIER, FFMA/25HCE (800CFM)	4	EA							
2388				FC A7 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP A7, Manuf: CARRIER, FFMA/25HCE (800CFM)	4	EA							
2389				FC B1 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B1, Manuf: CARRIER, FFMA/25HCE (600CFM)	10	EA							
2390				FC B2 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B2, Manuf: CARRIER, FFMA/25HCE (800CFM)	7	EA							
2391				FC B2E - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B2, Manuf: CARRIER, FFMA/25HCE (800CFM)	9	EA							
2392				FC B3 - DX SPLIT SYSTEM HEAT PUMP W/ OUTDOOR HP B3, Manuf: CARRIER, FFMA/25HCE (1000CFM)	9	EA							
2393				Radiation damper	540	EA							
2394				RG2 - (16"X10") Return grille - Manuf: Titus, Model: 355RS	26	EA							
2395				RG2 - (36"X10") Return grille - Manuf: Titus, Model: 355RS	18	EA							
2396				RG2 - (36"X12") Return grille - Manuf: Titus, Model: 355RS	25	EA							
2397				RG3 - (16"X10") Return grille - Manuf: Titus, Model: 350RL	120	EA							
2398				RG3 - (36"X10") Return grille - Manuf: Titus, Model: 350RL	6	EA							
2399				RG3 - (36"X10") Return grille - Manuf: Titus, Model: 350RL	28	EA							
2400				RG3 - (36"X12") Return grille - Manuf: Titus, Model: 350RL	2	EA							
2401				SG16 - (14x8) Supply grille - Manuf: Titus, Model: 301RS, Steel	266	EA							
2402				SG16 - (8x6) Supply grille - Manuf: Titus, Model: 301RS, Steel	197	EA							
	M1-11A TO MP1-21			Galvanized sheet metal duct w/ Wrap equal to ownes corning fiberglass w/ FRK vapor barrier. Insulation shall be R-6 except on roof shall be R-8.									
2403				(10X10) Metal duct	40	LF							
2404				(10X10) Metal duct	50	LF							
2405				(14x14) Metal duct	50	LF							
2406				(12X10) Metal duct	280	LF							
2407				(14X10) Metal duct	142	LF							
2408				(14X12) Metal duct	45	LF							
				ROUND DUCT									
2409				(8"Dia) Round duct	130	LF							
2410				(8"Dia) Round duct	20	LF							
2411				(4"Dia) Round duct	4309	LF							
				FLEXIBLE ROUND DUCT									
2412				(10"Dia) Flexible round duct	715	LF							
2413				(10"Dia) Flexible round duct	530	LF							
2414				(8"Dia) Flexible round duct	470	LF							
2415				(4"Dia) Flexible Round duct	631	LF							
2416				(5"Dia) Flexible Round duct	698	LF							
2417				(7"Dia) Flexible Round duct	1793	LF							
2418				(8"Dia) Flexible Round duct	4041	LF							
				Subtotal									
			150000	DIVISION 15 - PLUMBING									
2419	P1-11A TO P3-08			(BLDG 2000B) FCO - FLOOR CLEANOUT - CAST IRON CLEANOUT W/ GSKET SEAL & THREADED PLUG, ADJUSTABLE CAST IRON ROUND TOP W/ SECURING SCREW - JAY R. SMITH FIGURE 4220	6	EA							
2420				(2") HUB DRAIN W/ PRIMER CONNECTION	67	EA							
2421				AAV - AIR ADMITTANCE VALVE - STUDOR MINI-VENT, INTERNAL SCREENING, PREVENTS THE RELEASE OF FOUL AIR WHITE ABS	67	EA							
2422				IM-1 - ICE MAKER OUTLET BOX: ABS, LEAD FREE W/ QUARTER TURN BALL VALVE & WATER HAMMER ARRESTOR - SIOUX CHIEF 696-G1010	67	EA							
2423				KS-1 - KITCHEN SINK - RESIDENTIAL	67	EA							
2424				LAV-1 - LAVATORY - RESIDENTIAL	171	EA							
2425				SH-1 - SHOWER - RESIDENTIAL W/ SHOWER HEAD	67	EA							
2426				SHUTT-OFF VALVE	67	EA							
2427				WATER SUBMETER	67	EA							
2428				WC-1 - WATER CLOSET - RESIDENTIAL	92	EA							
2429				WH-1 - WATER HEATER - MODEL: ENLB-40 - 38 GAL, W/ T&P RELIEF VALVE, VACCUM RELIEF VALVE & WATTS LFBRV COMBINATION BALL & THERMAL RELIEF VALVE, A O SMITH - PROLINE SERIES	42	EA							
2430				WH-2 - WATER HEATER - MODEL: ENLB-50 - 48 GAL, W/ T&P RELIEF VALVE, VACCUM RELIEF VALVE & WATTS LFBRV COMBINATION BALL & THERMAL RELIEF VALVE, A O SMITH - PROLINE SERIES	25	EA							
2431				WM-1 - WASHING MACHINE OUTLET BOX, ABS, LEAD FREE W/ QUARTER TURN BALL VALVE, WATER HAMMER ARRESSTOR - SIOUX CHIEF 696-G1010 SERIES	67	EA							
2432	P1-11A TO P3-08			DOMESTIC WATER PIPING									
2433				(BLDG 2000B) (1-1/2") COLD WATER PIPE	255	LF							
2434				(BLDG 2000B) (2") COLD WATER PIPE	60	LF							
2435				(BLDG 2000B) (2-1/2") COLD WATER PIPE	115	LF							
2436				(BLDG 2000B) (3") COLD WATER PIPE	96	LF							
2437				(BLDG 2000B) (4") COLD WATER PIPE	125	LF							
2438				(1/2") COLD WATER PIPE	3258	LF							
2439				(1/2") HOT WATER PIPE	2510	LF							
2440				(1-1/4") COLD WATER PIPE	310	LF							
2441				(3/4") COLD WATER PIPE	2241	LF							
2441				(3/4") HOT WATER PIPE	2053	LF							
2442				SANITARY PIPING									
2443				(BLDG 2000B) (4") SANITARY PIPE	165	LF							
2444				(BLDG 2000B) (6") SANITARY PIPE	430	LF							
2445				(BLDG 2000B) (8") SANITARY PIPE	170	LF							
2446				(2") SANITARY PIPE	2630	LF							
2447				(2") VENT PIPE	1192	LF							
2448				(3") SANITARY PIPE	3046	LF							
				(3") VENT PIPE	919	LF							
				Subtotal									
			160000	DIVISION 16 - ELECTRICAL									
				LIGHT FIXTURE									
2449				A1 - 6" SURFACE MOUNT LED DOWNLIGHT - MANUF: HALO, MODEL: SLD 1200 SERIES / SLD612835WH/80 CRI/3500K/WHITE	97	EA							
2450				B1 - UNIT ENTRY SCONE - MANUF: SAVOY HOUSE, MODEL: 9- 0901-1-89/GLENN 1-LIGHT WALL SCONE / 7"WX12"HX9"D/E26 8W 120V LED BULB (1 PER FIXTURE) / MATTE BLACK FINISH	77	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
2518				Concrete footing. (f'c = 3000 PSI)	5815	CF							
2519	SG-11	S3-02 & AP7-01		RETAINING WALL									
2520				Rebar's (Grade 60)	7745	LB							
				(12" THK) Concrete wall. (f'c = 5000 PSI)	4840	CF							
2521	SG-11	S3-02 & AP7-01		CONCRETE WALL									
2522				Rebar's (Grade 60)	500	LB							
				(8" THK) Concrete wall. (f'c = 5000 PSI)	310	CF							
2523	SG-11	S3-02 & AP7-01		SLAB ON GRADE									
2524				Compaction of sub-grade.	29760	SF							
2525				Rebar's (Grade 60)	25300	LB							
2526	SG-11	S3-02 & AP7-01		(5" Thick) Concrete slab. (f'c = 3000 PSI)	29760	SF							
2527				STAIR									
2528	SG-11			Rebar's (Grade 60)	805	LB							
				(8" Thick) Concrete stair slab & steps. (f'c = 3000 PSI)	230	SF							
				(12" THK) Pre-cast spandrel wall.	4900	SF							
				Subtotal									
			040000	DIVISION 04 - MASONRY									
			042000	UNIT MASONRY									
2529	SG-11	AP7-01		CMU WALL									
2530				Rebar's (Grade 60)	820	LB							
				(8" THK) CMU wall.	565	SF							
				Subtotal									
			050000	DIVISION 05 - METAL									
			057000	ORNAMENTAL METAL									
2531	A1-11A TO ID-7.3			42" Guard rail.	20	LF							
2532				34" hand rail.	20	LF							
				Subtotal									
			080000	DIVISION 08 - OPENING									
			081113	HOLLOW METAL DOORS, FRAMES AND HARDWARE									
2533	A1-11A TO ID-7.3			(3'-0" W x 7'-0" H) HM door & frame.	5	EA							
2534				(10'-0" W x 7'-0" H) HM door & frame.	1	EA							
			087100	FINISH HARDWARE									
2535	A1-11A TO ID-7.3			Door hardware. (6 EA)	1	LS							
				Subtotal									
			090000	DIVISION 09 - FINISHES									
			092600	GYPSON BOARD ASSEMBLIES									
				(1 HR) TYPE 1WB4, GWB UNIT WALL (16 LF)									
2536	A1-11A TO ID-7.3			(2x4) Wood studs at 16" O.C	120	LF							
2537				(5/8", 1-Layer) Type X, GYP. BD. both side	290	SF							
2538				(2x4) Top and bottom track.	50	LF							
			093100	CERAMIC / PORCELAIN TILING									
2539	A1-11A TO ID-7.3			Porcelain wall tile.	60	SF							
				FLOORING									
2540	A1-11A TO ID-7.3			Sealed concrete	300	SF							
			099100	PAINTING									
2541	A1-11A TO ID-7.3			GWb wall paint.	300	SF							
				Subtotal									
			150000	DIVISION 15 - HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)									
2542	M1-11A TO MP1-21			DS P1-1 - Ductless split system w/ Heat pump Outdoor unit DSHP P1-1, Manuf: MITSUBISHI ELECTRIC, MODEL: PKA/PUZ, (705 CFM)	1	EA							
2543				EF P1-1 - EXHAUST FAN - MANUF: BROAN, MODEL: AE80, (80 CFM)	1	EA							
2544				EF P1-2 - EXHAUST FAN - MANUF: BROAN, MODEL: L200, (200 CFM)	1	EA							
				Subtotal									
			150000	DIVISION 15 - PLUMBING									
2545				BACKFLOW PREVENTER W/ SHUTT OFF VALVE	1	EA							
2546				EH P1-1 - ELECTRIC HEATER, MANUF: MARLEY, MODEL NO: AWH (100 CFM)	1	EA							
2547				FCO - FLOOR CLEANOUT - CAST IRON CLEANOUT W/ GSKET SEAL & THREADED PLUG, ADJUSTABLE CAST IRON ROUND TOP W/ SECURING SCREW - JAY R. SMITH FIGURE 4220	2	EA							
2548				FD-1 - (2") FLOOR DRAIN - CAST IRON FLOOR DRAIN W/ (6") SQUARE NICKEL BRONZE STRAINER, SPEEDI-SET OUTLET, & TRAP PRIMER - JAY R SMITH FIGURE 2005-B6	1	EA							
2549				FD-2 - (4") FLOOR DRAIN - CAST IRON (12"Dia) DRAIN W/ SEDIMENT BUCKET, Cast IRON GRATE, Speedi set OUTLET, & TRAP PRIMER - JAY R. SMITH FIGURE 2142-M	1	EA							
2550				LV-3A - LAVATORY - WALL HUNG	1	EA							
2551				DOMESTIC WATER PIPING									
				(2") DOMESTIC SERVICE LINE	15	LF							
2552				SANITARY PIPING									
2553				(10") SANITARY PIPING	265	LF							
2554				(12") SANITARY PIPING	50	LF							
				(4") SANITARY PIPE	15	LF							
				Subtotal									
			160000	DIVISION 16 - ELECTRICAL									
				LIGHT FIXTURE									
2555				02 - LED AREA LIGHT, TWIN-HEADS, FULL CUTOFF, TYPE 4 MEDIUM DISTRIBUTION, W/ ALUMINUM POLE, MANUF: LITHONIA DSX1 SERIES	4	EA							
2556				S1 - 4' LED STRIP LIGHT - METALUX SNLED SERIES, LITHONIA	5	EA							
2557				S2 - 4' LED VAPORTIGHT STRIP, IMPACT RESISTANT POLYCARBONATE HOUSING, IMPACT RESISTANT FROASTED POLYCARBONATE LENS, LED LAMP, WIDE DISTRIBUTION, MANUF: LITHONIA VAP LED SERIES, PHILIPS	26	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
2558	E1-11A TO EP1-32			S2E - 4' LED VAPORTIGHT STRIP, IMPACT RESISTANT POLYCARBONATE HOUSING, IMPACT RESISTANT FROASTED POLYCARBONATE LENS, LED LAMP, WIDE DISTRIBUTION, MANUF: LITHONIA VAP LED SERIES, PHILIPS W/ 1600 LUMEN BATTERY	33	EA							
2559						S3 - 4' SURFACE/WALL MOUNTED LED FIXTURE, INTEGRAL OCCUPANCY SENSOR W/ 0-10V DIMMING, STEP DIMMING, HIGH LUMEN OUTPUT, INTEGRAL 14W BATTERY PACK, MANUF: METALUX SWLED SERIES LITHONIA	3	EA					
2560						S3 - 4' SURFACE/WALL MOUNTED LED FIXTURE, INTEGRAL OCCUPANCY SENSOR W/ 0-10V DIMMING, STEP DIMMING, HIGH LUMEN OUTPUT, INTEGRAL 14W BATTERY PACK, MANUF: METALUX SWLED SERIES LITHONIA	1	EA					
2561						X1 - EXIT SIGN, LED LAMP, POLYCARTBONATE HOUSING, SELF CONTAINED BATTERY, MODEL: SURE LITES LPX SERIES LITHONIA WEATHER PROOF	7	EA					
2562	E1-11A TO EP1-32			LIGHTING CONTROLS									
						OCCUPANCY SENSOR SWITCH	3	EA					
2563						RECEPTACLES & SWITCHES							
2564						GFI DUPLEX RECEPTACLE	2	EA					
2565						GFI DUPLEX RECEPTACLE WEATHER PROOF	2	EA					
2566						JUNCTIN BOX	1	EA					
2567						ELECTRIC PANEL "P" - 200A MCB 3PHASE 4W	1	EA					
2568						ELECTRIC PANEL "1G1" - 400A MCB 3PHASE 4W	1	EA					
2569				ELECTRIC BREAKER 1P 20A	10	EA							
				ELECTRIC WIRING	1	LS							
				Subtotal									
			100000	DIVISION 10 - SPECIALTIES									
			102813	TOILET AND BATH ACCESSORIES									
2570	A1-11A TO ID-7.3			Mirror.	1	EA							
2571						Toilet paper holder.	1	EA					
2572						Tower bar.	1	EA					
				Subtotal									
				PARKING DECK 02									
			020000	DIVISION 02 - EXISTING CONDITIONS									
			022000	EARTHWORK									
2573	SG-12	S3-02 & AP7-02		Footing excavation.	2980	CF							
2574					Footing backfill.	575	CF						
				Subtotal									
			030000	DIVISION 03 - CONCRETE									
			033000	CAST IN PLACE CONCRETE									
				(3'8"Wx1'H) CONCRETE FOOTING									
2575	SG-12	S3-02 & AP7-02		Compaction of sub-grade.	265	SF							
2576					Rebar's (Grade 60)	375	LB						
2577					Concrete footing. (f'c = 3000 PSI)	235	CF						
				(5'Wx1'H) CONCRETE FOOTING									
2578	SG-12	S3-02 & AP7-02		Compaction of sub-grade.	655	SF							
2579					Rebar's (Grade 60)	950	LB						
2580					Concrete footing. (f'c = 3000 PSI)	595	CF						
				(10'Wx1'H) CONCRETE FOOTING PAD (10 EA)									
2581	SG-12	S3-02 & AP7-02		Compaction of sub-grade.	1105	SF							
2582					Rebar's (Grade 60)	1600	LB						
2583					Concrete footing. (f'c = 3000 PSI)	1000	CF						
				(10'Wx20'Lx1'H) CONCRETE FOOTING PAD (2 EA)									
2584	SG-12	S3-02 & AP7-02		Compaction of sub-grade.	435	SF							
2585					Rebar's (Grade 60)	640	LB						
2586					Concrete footing. (f'c = 3000 PSI)	400	CF						
				CONCRETE WALL									
2587	SG-12	S3-02 & AP7-02		Rebar's (Grade 60)	1120	LB							
2588					(8" THK) Concrete wall. (f'c = 5000 PSI)	700	CF						
				SLAB ON GRADE									
2589	SG-12	S3-02 & AP7-02		Compaction of sub-grade.	26455	SF							
2590					Rebar's (Grade 60)	22485	LB						
2591					(5" Thick) Concrete slab. (f'c = 3000 PSI)	26455	SF						
				STAIR									
2592	SG-12	S3-02 & AP7-02		Rebar's (Grade 60)	2100	LB							
2593					(8" Thick) Concrete stair slab & steps. (f'c = 3000 PSI)	600	SF						
2594	SG-12			(12" THK) Pre-cast spandrel wall.	9260	SF							
				Subtotal									
			040000	DIVISION 04 - MASONRY									
			042000	UNIT MASONRY									
				CMU WALL									
2595	SG-12	AP7-02		Rebar's (Grade 60)	240	LB							
2596					(8" THK) CMU wall.	165	SF						
				Subtotal									
			050000	DIVISION 05 - METAL									
			057000	ORNAMENTAL METAL									
2597	A1-11A TO ID-7.3			42" Guard rail.	56	LF							
2598					34" hand rail.	35	LF						
				Subtotal									
			080000	DIVISION 08 - OPENING									
			081113	HOLLOW METAL DOORS, FRAMES AND HARDWARE									
2599	A1-11A TO ID-7.3			(3'-0" W x 7'-0" H) HM door & frame.	5	EA							
			087100	FINISH HARDWARE									
2600	A1-11A TO ID-7.3			Door hardware. (5 EA)	1	LS							
				Subtotal									
			090000	DIVISION 09 - FINISHES									
			096000	FLOORING									
2601	A1-11A TO ID-7.3			Sealed concrete	50	SF							
				Subtotal									
				PARKING DECK 02									
			150000	DIVISION 15 - PLUMBING									

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
2602				EH P2-1 - ELECTRIC HEATER, MANUF: MARLEY, MODEL NO: AWH (100 CFM)	1	EA							
2603				EH P2-2 - ELECTRIC HEATER, MANUF: MARLEY, MODEL NO: AWH (100 CFM)	1	EA							
2604				FCO - FLOOR CLEANOUT - CAST IRON CLEANOUT W/ GSKET SEAL & THREADED PLUG, ADJUSTABLE CAST IRON ROUND TOP W/ SECURING SCREW - JAY R. SMITH FIGURE 4220	2	EA							
				SANITARY PIPING									
2605				(10") SANITARY PIPING	235	LF							
2606				(12") SANITARY PIPING	55	LF							
				Subtotal									
			160000	DIVISION 16 - ELECTRICAL									
				LIGHT FIXTURE									
2607				02 - LED AREA LIGHT, TWIN-HEADS, FULL CUTOFF, TYPE 4 MEDIUM DISTRIBUTION, W/ ALUMINUM POLE, MANUF: LITHONIA DSX1 SERIES	4	EA							
2608				EMR1 - REMOTE HEAD, PAIRED W/ EMERGENCY FIXTURE OR EXIT SIGN, SINGLE HEAD, MANUF: SURE LITES SRP SERIES	2	EA							
2609				S1 - 4' LED STRIP LIGHT - METALUX SNLED SERIES, LITHONIA	1	EA							
2610	E1-11A TO EP1-32			S2 - 4' LED VAPORTIGHT STRIP, IMPACT RESISTANT POLYCARBONATE HOUSING, IMPACT RESISTANT FROASTED POLYCARBONATE LENS, LED LAMP, WIDE DISTRIBUTION, MANUF: LITHONIA VAP LED SERIES, PHILIPS	24	EA							
2611				S2E - 4' LED VAPORTIGHT STRIP, IMPACT RESISTANT POLYCARBONATE HOUSING, IMPACT RESISTANT FROASTED POLYCARBONATE LENS, LED LAMP, WIDE DISTRIBUTION, MANUF: LITHONIA VAP LED SERIES, PHILIPS W/ 1600 LUMEN BATTERY	34	EA							
2612				S3 - 4' SURFACE/WALL MOUNTED LED FIXTURE, INTEGRAL OCCUPANCY SENSOR W/ 0-10V DIMMING, STEP DIMMING, HIGH LUMEN OUTPUT, INTEGRAL 14W BATTERY PACK, MANUF: METALUX SWLED SERIES LITHONIA	8	EA							
2613				X1 - EXIT SIGN, LED LAMP, POLYCARBONATE HOUSING, SELF CONTAINED BATTERY, MODEL: SURE LITES LPX SERIES LITHONIA WEATHER PROOF	11	EA							
2614				LIGHTING CONTROLS									
				OCCUPANCY SENSOR SWITCH	1	EA							
				RECEPTACLES & SWITCHES									
2615				GFI DUPLEX RECEPTACLE WEATHER PROOF	6	EA							
2616				JUNCTION BOX	1	EA							
2617				ELECTRIC PANEL "2G1" - 400A MCB 3PHASE 4W	1	EA							
2618				ELECTRIC BREAKER 1P 20A	12	EA							
2619				ELECTRIC WIRING	1	LS							
				FIRE ALARM									
2620				SPRINKLER FLOW SWITCH	4	EA							
2621				SPRINKLER VALVE TAMPER SWITCH	4	EA							
				Subtotal									
				PARKING DECK 03									
			020000	DIVISION 02 - EXISTING CONDITIONS									
			022000	EARTHWORK									
2622	SG-13	S3-02 & AP7-03		Footing excavation,	4050	CF							
2623				Footing backfill,	575	CF							
				Subtotal									
			030000	DIVISION 03 - CONCRETE									
			033000	CAST IN PLACE CONCRETE									
2624	SG-13	S3-02 & AP7-03		(3'8"Wx1'H) CONCRETE FOOTING									
				Compaction of sub-grade.	355	SF							
2625				Rebar's (Grade 60)	495	LB							
2626				Concrete footing. (f'c = 3000 PSI)	310	CF							
				(5'Wx1'H) CONCRETE FOOTING									
2627	SG-13	S3-02 & AP7-03		Compaction of sub-grade.	1290	SF							
2628				Rebar's (Grade 60)	1880	LB							
2629				Concrete footing. (f'c = 3000 PSI)	1175	CF							
				(10'Wx1'H) CONCRETE FOOTING PAD (14 EA)									
2630	SG-13	S3-02 & AP7-03		Compaction of sub-grade.	1545	SF							
2631				Rebar's (Grade 60)	2240	LB							
2632				Concrete footing. (f'c = 3000 PSI)	1400	CF							
				(10'Wx20'Lx1'H) CONCRETE FOOTING PAD (4 EA)									
2633	SG-13	S3-02 & AP7-03		Compaction of sub-grade.	865	SF							
2634				Rebar's (Grade 60)	1280	LB							
2635				Concrete footing. (f'c = 3000 PSI)	800	CF							
				CONCRETE WALL									
2636	SG-13	S3-02 & AP7-03		Rebar's (Grade 60)	1490	LB							
2637				(8" THK) Concrete wall. (f'c = 5000 PSI)	930	CF							
				SLAB ON GRADE									
2638	SG-13	S3-02 & AP7-03		Compaction of sub-grade.	40355	SF							
2639				Rebar's (Grade 60)	34300	LB							
2640				(5" Thick) Concrete slab. (f'c = 3000 PSI)	40355	SF							
				STAIR									
2641	SG-13	S3-02 & AP7-03		Rebar's (Grade 60)	2415	LB							
2642				(8" Thick) Concrete stair slab & steps. (f'c = 3000 PSI)	690	SF							
2643	SG-13			(12" THK) Pre-cast spandrel wall.	12085	SF							
				Subtotal									
			040000	DIVISION 04 - MASONRY									
			042000	UNIT MASONRY									
				CMU WALL									
2644	SG-13	AP7-03		Rebar's (Grade 60)	240	LB							
2645				(8" THK) CMU wall.	165	SF							
				Subtotal									
			050000	DIVISION 05 - METAL									
			057000	ORNAMENTAL METAL									
2646	A1-11A TO ID-7.3			42" Guard rail.	60	LF							
2647				34" hand rail.	35	LF							
				Subtotal									
			080000	DIVISION 08 - OPENING									
			081113	HOLLOW METAL DOORS, FRAMES AND HARDWARE									
2648	A1-11A TO ID-7.3			(3'-0" W x 7'-0" H) HM door & frame.	7	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
			087100	FINISH HARDWARE									
2649	A1-11A TO ID-7.3			Door hardware. (7 EA)	1	LS							
				Subtotal									
			090000	DIVISION 09 - FINISHES									
			096000	FLOORING									
2650	A1-11A TO ID-7.3			Sealed concrete	50	SF							
				Subtotal									
				PARKING DECK 03									
			150000	DIVISION 15 - PLUMBING									
2651				EH P3-1 - ELECTRIC HEATER, MANUF: MARLEY, MODEL NO: AWH (100 CFM)	1	EA							
2652				EH P3-2 - ELECTRIC HEATER, MANUF: MARLEY, MODEL NO: AWH (100 CFM)	1	EA							
2653				EH P3-3 - ELECTRIC HEATER, MANUF: MARLEY, MODEL NO: AWH (100 CFM)	1	EA							
2654				FCO - FLOOR CLEANOUT - CAST IRON CLEANOUT W/ GSKET SEAL & THREADED PLUG, ADJUSTABLE CAST IRON ROUND TOP W/ SECURING SCREW - JAY R. SMITH FIGURE 4220	4	EA							
				SANITARY PIPING									
2655				(10") SANITARY PIPE	140	LF							
2656				(12") SANITARY PIPE	30	LF							
2657				(15") SANITARY PIPE	70	LF							
2658				(8") SANITARY PIPE	190	LF							
				Subtotal									



S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (\$Per Unit)	EQUIPMENT (\$Per Unit)	COMPOSITE RATE/UNIT	TOTAL COST
							MHrs/ Unit	\$/Hour	(\$Per Unit)				
			160000	DIVISION 16 - ELECTRICAL									
				LIGHT FIXTURE									
2659				S1 - 4' LED STRIP LIGHT - METALUX SNLED SERIES, LITHONIA	1	EA							
2660				S2 - 4' LED VAPORTIGHT STRIP, IMPACT RESISTANT POLYCARBONATE HOUSING, IMPACT RESISTANT FROASTED POLYCARBONATE LENS, LED LAMP, WIDE DISTRIBUTION, MANUF: LITHONIA VAP LED SERIES, PHILIPS	38	EA							
2661				S2E - 4' LED VAPORTIGHT STRIP, IMPACT RESISTANT POLYCARBONATE HOUSING, IMPACT RESISTANT FROASTED POLYCARBONATE LENS, LED LAMP, WIDE DISTRIBUTION, MANUF: LITHONIA VAP LED SERIES, PHILIPS W/ 1600 LUMEN BATTERY	50	EA							
2662	E1-11A TO EP1-32			S3 - 4' SURFACE/WALL MOUNTED LED FIXTURE, INTEGRAL OCCUPANCY SENSOR W/ 0-10V DIMMING, STEP DIMMING, HIGH LUMEN OUTPUT, INTEGRAL 14W BATTERY PACK, MANUF: METALUX SWLED SERIES LITHONIA	12	EA							
2663				X1 - EXIT SIGN, LED LAMP, POLYCARBONATE HOUSING, SELF CONTAINED BATTERY, MODEL: SURE LITES LPX SERIES LITHONIA WEATHER PROOF	16	EA							
2664				02 - LED AREA LIGHT, TWIN-HEADS, FULL CUTOFF, TYPE 4 MEDIUM DISTRIBUTION, W/ ALUMINUM POLE, MANUF: LITHONIA DSX1 SERIES	8	EA							
2665				EMR1 - REMOTE HEAD, PAIRED W/ EMERGENCY FIXTURE OR EXIT SIGN, SINGLE HEAD, MANUF: SURE LITES SRP SERIES	2	EA							
2666				RECEPTACLES & SWITCHES									
2667				OCCUPANCY SENSOR SWITCH	1	EA							
2668				GFI DUPLEX RECEPTACLE WEATHER PROOF	7	EA							
2669				JUNCTION BOX	1	EA							
2670				ELECTRIC PANEL "3G1" - 400A MCB 3PHASE 4W	1	EA							
2671				ELECTRIC BREAKER 1P 20A	20	EA							
				ELECTRIC WIRING	1	LS							
2672	E1-11A TO EP1-32			FIRE ALARM									
2673				SPRINKLER FLOW SWITCH	5	EA							
				SPRINKLER VALVE TAMPER SWITCH	5	EA							
				Subtotal									
				Total.									
				Add wastage of materials									
				Add Contractor's overhead & profit @ 15%									
				G.Total									

