Modular Home Takeoffs

SR #	DRAWING#	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT OF MEASURMENT	UNIT COST	TOTAL ITEM COST	TOTAL TRADE COST
		DIV. 01	**GENERAL CONDITIONS**							
1			PERMITS, SITE SUPERVISION, FINAL CLEANUP & DUMPSTER ETC.	1	0%	1	LS			
		DIV. 02	**EXISTING CONDITIONS**							**$ -**
			SITE DEMOLITION							
2			REMOVE EXISTING LIGHT POLE	2	0%	2	EA			
3	C-110		REMOVE EXISTING FENCE	420	0%	420	LF			
4			REMOVE EXISTING PAVED AREA	6,749	0%	6,749	SF			
5	C-150		REMOVE EXISTING 6" TOPSOIL W/ RAKE AND REMOVE ALL ORGANIC, METALLIC AND STONE DEBRIS LARGER THAN 2".	944	0%	944	SF			
		DIV. 03	**CONCRETE**							**$ -**
			WALLS							
6	A100, A320		138'-0"L x 12" THK. x 9'-6"H CONCRETE RETAINING WALL	48.6	10%	53.4	CY			
			FOOTINGS							
			CONTINUOUS							
7			**CF-1:** 293'-0"L x 2'-0"W x 1'-6"H CONCRETE FOOTING W/3#6 LONGITUDINAL BARS & #6 TRANSVERSE BARS @12" O.C.	32.6	10%	35.8	CY			
			MATT							
8			**MF-1:** 26'-2"L x 29'-5"W x 2'-6"H MATT FOOTING W/#6 @9" O.C E/W TOP & BOTTOM BARS	71.3	10%	78.4	CY			
9			**MF-2:** 23'-3"L x 17'-9"W x 1'-6"H MATT FOOTING W/#6 @9" O.C E/W TOP & BOTTOM BARS	22.9	10%	25.2	CY			
10	S1.00		**MF-3:** 10'-0"L x 13'-1"W x 1'-6"H MATT FOOTING W/#6 @9" O.C E/W TOP & BOTTOM BARS	7.3	10%	8.0	CY			
			SPREAD							
11			**SF-1:** 6'-0"L x 6'-0"W x 1'-6"H CONCRETE FOOTING W/#6 @12" O.C E/W	18.0	10%	19.8	CY			
12			**SF-2:** 7'-0"L x 7'-0"W x 1'-6"H CONCRETE FOOTING W/#6 @12" O.C E/W	19.1	10%	21.0	CY			
13			**SF-3:** 8'-0"L x 8'-0"W x 1'-6"H CONCRETE FOOTING W/#6 @10" O.C E/W	7.1	10%	7.8	CY			
			COLUMNS							
14	S1.00		**P1:** 2'-0" x 2'-0" CONCRETE COLUMN NO. OF COLUMNS @9'-6" HT: 12 NO. OF COLUMNS @12'-2" HT: 3 **NOTE:** SPECS ARE NOT DEFINED	22.3	10%	24.5	CY			
15			**P2:** 1'-4" x 1'-4" CONCRETE COLUMN NO. OF COLUMNS @9'-6" HT: 3 NO. OF COLUMNS @12'-2" HT: 3 **NOTE:** SPECS ARE NOT DEFINED	4.3	10%	4.7	CY			
			SLAB							
16	S1.00-S1.10		4" CONCRETE SLAB W/6 x 6 W2.1 x 2.1	913	10%	1,004	SF			
17			4" CONCRETE SLAB	663	10%	729	SF			
18			6" BROOM FINISH CONCRETE SLAB W/6 x 6-W2.9 x 2.9	5,524	10%	6,076	SF			
			DECK							
19	S1.10-S1.20		5.5" 3VLI18 NON-COMPOSITE DECK W/W2.1 x W2.1	695	10%	765	SF			
20			7-1/4" LIGHWEIGHT CONCRETE W/VULCRAFT 3VLI18 COMPOSITE DECK 6 x 6-W2.1 x 2.1	6,557	10%	7,213	SF			
			FORMWORK							
21			FORMWORK FOR ALL FOOTINGS	1,534	10%	1,687	SF			
22	S1.00		FORMWORK FOR ALL COLUMNS	1,550	10%	1,705	SF			
23			FORMWORK FOR SLAB	6,187	10%	6,806	SF			
24	A100, A320		FORMWORK FOR RETAINING WALLS	2,622	10%	2,884	SF			
		DIV. 04	**MASONRY**							**$ -**
			CMU							
25	A100, A200, A320, A600		8" THK. CMU WALL	15,675	10%	17,243	SF			
		DIV. 05	**METALS**							**$ -**
			STUDS							
26	A100, A200, A600		6" LIGHT GAUGE METAL STUDS @ 16" O.C. NO. OF STUDS @8'-6" HT: 12 NO. OF STUDS @10'-6" HT: 38	501	10%	551	LF			
			RUNNERS							

27	A100, A200, A600	LIGHT GAUGE METAL TOP TRACK	67	10%	73	LF	
28		LIGHT GAUGE METAL BOTTOM TRACK	67	10%	73	LF	
		FRAMING					
29		ALLOWANCE PROVIDED FOR HSS STEEL COLUMNS AREA: **6575 SF**	1	0%	1	LS	
		BEAMS					
30		W12X30	65	10%	72	LF	
31		L4X4X1/4	79	10%	87	LF	
32		W8X21	38	10%	42	LF	
33		W12X45	26	10%	29	LF	
34		W8X10	170	10%	187	LF	
35		W10X12	60	10%	66	LF	
36		W14X30	22	10%	24	LF	
37		L6X6X3/4"	81	10%	89	LF	
38		W12X26	49	10%	54	LF	
39		W14X74	48	10%	53	LF	
40		W16X50	33	10%	36	LF	
41		W12X96	24	10%	26	LF	
42		W21X68	21	10%	23	LF	
43		W16X26	46	10%	51	LF	
44		W10X22	5	10%	6	LF	
45		W8X15	15	10%	17	LF	
46		W16X31	56	10%	62	LF	
47		W8X13	15	10%	17	LF	
48		W24X68	53	10%	58	LF	
49	S1.20	W24X84	27	10%	30	LF	
50		W18X46	44	10%	48	LF	
51		W18X60	27	10%	30	LF	
52		W12X65	15	10%	17	LF	
53		W16X36	15	10%	17	LF	
54		W16X67	37	10%	41	LF	
55		W21X62	22	10%	24	LF	
56		W12X58	14	10%	15	LF	
57		W10X39	40	10%	44	LF	
58		W21X83	60	10%	66	LF	
59		W12X22	58	10%	64	LF	
60		W21X93	19	10%	21	LF	
61		W10X15	14	10%	15	LF	
62		W18X97	20	10%	22	LF	
63		W18X86	38	10%	42	LF	
64		W14X38	19	10%	21	LF	
65		W18X50	18	10%	20	LF	
66		W21X50	20	10%	22	LF	
67		W12X40	17	10%	19	LF	
68		W12X16	14	10%	15	LF	
69		W10X17	18	10%	20	LF	
70		W8X18	18	10%	20	LF	
71		W18X55	17	10%	19	LF	
72		W12X14	26	10%	29	LF	
73		W12X19	15	10%	17	LF	
		EXTERIOR RAILING					
74	A200	3'-4"H METAL RAILING COLOR: CHARCOAL	86	0%	86	LF	
	DIV. 06	**WOOD, PLASTIC & COMPOSITES**					**$ -**
		FURRING					
75	A100, A200, A600	1x3 WOOD FURRING @ 16" O.C. NO. OF FURRINGS @8'-6" HT: 26 NO. OF FURRINGS @9'-0" HT: 137 NO. OF FURRINGS @9'-3" HT: 152 NO. OF FURRINGS @10'-6" HT: 85 NO. OF FURRINGS @10'-8" HT: 331 NO. OF FURRINGS @10'-10" HT: 110 NO. OF FURRINGS @12'-2" HT: 84	9,498	10%	10,448	LF	
		STUDS					
76	A100, A200, A600	2x4 WOOD STUDS @ 16" O.C. NO. OF STUDS @4'-0" HT: 23 NO. OF STUDS @9'-0" HT: 1040 NO. OF STUDS @9'-2" HT: 346	12,625	10%	13,887	LF	
77		2x6 WOOD STUDS @ 16" O.C. NO. OF STUDS @9'-0" HT: 616 NO. OF STUDS @9'-3" HT: 303 NO. OF STUDS @10'-8" HT: 642 NO. OF STUDS @10'-10" HT: 214	17,515	10%	19,266	LF	
		PLATES					
78	A100, A200, A600	2x4 WOOD DOUBLE PLATE AT TOP	3,586	10%	3,945	LF	
79		2x4 WOOD SINGLE PLATE AT BOTTOM	1,793	10%	1,972	LF	
80		2x6 WOOD DOUBLE PLATE AT TOP	4,721	10%	5,193	LF	
81		2x6 WOOD SINGLE PLATE AT BOTTOM	2,360	10%	2,596	LF	
		BLOCKING					
82	A100, A200, A600	2x4 WOOD MIDSPAN BLOCKING	1,763	10%	1,939	LF	
83		2x6 WOOD MIDSPAN BLOCKING	2,360	10%	2,596	LF	
		SHEATHING					
84		1/2" EXTERIOR GRADE PLYWOOD SHEATHING AT WALLS	12,188	10%	13,407	SF	

85	A100, A200, A600	3/4"THK. PLYWOOD ROOF SHEATHING	5,574	10%	6,131	SF	
86		6"THK. ZIP SYSTEM WALL SHEATHING	781	10%	859	SF	
		INTERIOR TRIMS					
87	A100-A102, A520-A530	NEW INTERIOR TRIM AT WINDOWS	2,622	10%	2,884	LF	
88		NEW INTERIOR TRIM AT DOORS	6,578	10%	7,236	LF	
		MILLWORK					
89	A100-A102, A411, A420,A421	1'-0''D UPPER CABNETS	47	10%	51	LF	
90		2'-0''D BASE CABNETS	70	10%	76	LF	
		COUNTER TOP					
91	A100-A102, A411, A420,A421	QUARTZ COUNTERTOP	736	10%	809	SF	
		BACKSPLASH					
92	A100-A102, A411, A420,A421	4''H BACKSPLASH	50	10%	54	LF	
		POSTS					
93	S1.30-S1.40	2X6 POST STUD, DF LARCH #2 OR BETTER @16" O.C.	5,719	10%	6,291	LF	
94		2X4 POST STUD, DF LARCH #2 OR BETTER @16" O.C.	128	10%	141	LF	
95		5.25X5.25 1.8E PSL POST	192	10%	211	LF	
96		5.25X7 1.8E PSL POST	75	10%	82	LF	
97		3.5X5.25 1.8E PSL POST	43	10%	47	LF	
98		3.5X3.5 2.0E PSL POST	85	10%	94	LF	
		BEAMS					
99	S1.30-S1.40	2X10 BEAM	64	10%	70	LF	
100		2X12 BEAM	439	10%	483	LF	
101		4X8 LINTEL BEAM	128	10%	141	LF	
102		3.5X11.875 PSL BEAM	148	10%	163	LF	
103		1.75X18 LVL LEDGER BEAM	238	10%	262	LF	
104		1.75X7.25 1.9E LVL BEAM	299	10%	329	LF	
105		3.5X9.25 2.0EE PSL BEAM	36	10%	40	LF	
106		3.5X11.25 2.0E PSL BEAM	32	10%	35	LF	
107		3.25X14 2.0E PSL BEAM	26	10%	29	LF	
108		3.5X16 2.0E PSL BEAM	125	10%	138	LF	
109		1.75X11.25 1.9E LVL BEAM	40	10%	44	LF	
110		1.75X9.25 2.0E LVL BEAM	68	10%	75	LF	
111		1.75X9.5 1.8E LVL BEAM	58	10%	64	LF	
112		5.25X9.25 2.0E PSL BEAM	4	10%	4	LF	
113		5.25X14 2.0E PSL BEAM	10	10%	11	LF	
114		5.25X18 2.0E PSL BEAM	39	10%	43	LF	
		TRUSSES					
115	S1.30-S1.40	2X4 ENGINEERED WOOD TRUSS @24" O.C.	9,740	10%	10,714	LF	
		JOISTS					
116	S1.30-S1.40	2X10 FLOOR JOIST @16" O.C.	889	10%	978	LF	
		STRAND BOARD					
117	S1.30-S1.40	3/4" ORIENTED STRAND BOARD SUBFLOOR (GLUED & SCREWED)	14,848	10%	16,333	SF	
		RIMBOARD					
118	S1.30-S1.40	1-1/4"X18" RIMBOARD	9	10%	10	LF	
119		1-1/2"X18" RIMBOARD	1,469	10%	1,615	LF	
		BLOCKING					
120	A102 DETAILS @ A301	2X4 WOOD BLOCKING @ ROOF	2,605	10%	2,866	LF	
121		2X6 WOOD BLOCKING @ ROOF	4,168	10%	4,585	LF	
	DIV. 07	**THERMAL & MOISTURE PROTECTION**					**$ -**
		ROOFING					
122	A102 DETAILS @ A301	ROOFING MEMBRANE W/ SEAL ON TOP OF DRIP CAP TO COVER FASTENERS	7,709	10%	8,480	SF	
		ICE AND WATER SHEILD					
123	A102 DETAILS @ A301	PROVIDE ICE AND WATER SHEILD UNDER ROOF MEMBRANE	5,574	10%	6,131	SF	
		FLASHING					
124	A102 DETAILS @ A301	TYVEK DRAIN WRAP W/ FLASHING @ ROOF PARAPET	521	10%	573	LF	
		COPING					
125	A102 DETAILS @ A301	ALUMINUM COPING OVER DRIP CAP @ PARAPET	521	10%	573	LF	
		INSULATION					
126	A100, A200, A600	(R-19) FIBERGLASS BATT INSULATION AT WALLS	13,394	10%	14,733	SF	
127	A102 DETAILS @ A301	4"THK. POLYISO RIGID SEAM TAPED INSULATION	5,574	10%	6,131	SF	
		SEALANT					
128	A100-A102, A520-A530	NEW SEALANT AT DOORS	6,578	10%	7,236	LF	
129		NEW SEALANT AT WINDOWS	5,244	10%	5,768	LF	
		EXTERIOR TRIMS					
130	A100-A102, A520	NEW EXTERIOR TRIM AT WINDOWS	2,622	10%	2,884	LF	
	DIV. 08	**OPENINGS**					**$ -**

		DOOR HARDWARE					
131		ALLOWANCE PROVIDED FOR DOOR HARDWARE	221	0%	221	EA	
		DOORS					
132		**1:** 3'-0"W x 6'-8"H x 1-1/2"THK. TWO PANEL H/C STEEL DOOR STYLE: F FINISH: PAINT FRAME: STEEL RATING: 20 MIN.	19	0%	19	EA	
133		**2:** 3'-0"W x 6'-8"H x 1-1/2"THK. TWO PANEL SOLID DOOR STYLE: F FINISH: PAINT FRAME: WOOD	20	0%	20	EA	
134		**3:** 2'-6"W x 6'-8"H x 1-1/2"THK. TWO PANEL H/C COMPOSITE DOOR STYLE: I FINISH: PAINT FRAME: WOOD	12	0%	12	EA	
135		**4:** 3'-0"W x 6'-8"H x 1-1/2"THK. 2-PAN. LOUVER H/C COMPOSITE DOOR STYLE: K FINISH: PAINT FRAME: WOOD	20	0%	20	EA	
136		**5:** 2'-10"W x 6'-8"H x 1-1/2"THK. TWO PANEL H/C COMPOSITE DOOR STYLE: J FINISH: PAINT FRAME: WOOD	20	0%	20	EA	
137		**6:** 2'-6"W x 6'-8"H x 1-1/2"THK. 2-PAN. LOUVER H/C COMPOSITE DOOR STYLE: H FINISH: PAINT FRAME: WOOD	20	0%	20	EA	
138		**7:** 3'-0"W x 6'-8"H x 1-1/2"THK. TWO PANEL SOLID DOOR STYLE: F FINISH: PAINT FRAME: WOOD	28	0%	28	EA	
139		**8:** 3'-0"W x 6'-8"H x 1-1/2"THK. TWO PANEL H/C COMPOSITE DOOR STYLE: F FINISH: PAINT FRAME: WOOD	8	0%	8	EA	
140		**9:** 1'-10"W x 6'-8"H x 1-1/2"THK. TWO PANEL H/C COMPOSITE DOOR STYLE: G FINISH: PAINT FRAME: WOOD	8	0%	8	EA	
141	A100-A102, A530	**10:** 5'-0"W x 6'-8"H x 1-1/2"THK. TWO PANEL SLIDER H/C COMPOSITE DOOR STYLE: E FINISH: PAINT FRAME: WOOD	16	0%	16	EA	
142		**11:** 3'-0"W x 6'-8"H x 1-3/4"THK. H/C STEEL FLUSH DOOR STYLE: E FINISH: PAINT FRAME: STEEL RATING: 90 MIN.	16	0%	16	EA	
143		**12:** 6'-6"W x 6'-8"H x 1-3/4"THK. GLASS SLIDER ALUMINIUM DOOR STYLE: C FINISH: PAINT FRAME: WOOD	1	0%	1	EA	
144		**13:** 3'-0"W x 6'-8"H x 1-3/4"THK. TWO PANEL H/C STEEL DOOR STYLE: B FINISH: PAINT FRAME: STEEL	5	0%	5	EA	
145		**14:** 3'-0"W x 6'-8"H x 1-1/2"THK. H/C STEEL FLUSH DOOR STYLE: K FINISH: PAINT FRAME: STEEL RATING: 45 MIN.	2	0%	2	EA	
146		**15:** 1'-10"W x 6'-8"H x 1-1/2"THK. H/C STEEL FLUSH DOOR STYLE: K FINISH: PAINT FRAME: STEEL	2	0%	2	EA	
147		**17:** 3'-0"W x 6'-8"H x 1-3/4"THK. H/C STEEL FLUSH DOOR STYLE: A FINISH: PAINT FRAME: STEEL RATING: 90 MIN.	1	0%	1	EA	
148		**20:** 3'-0"W x 6'-8"H x 1-3/4"THK. H/C COMPOSITE FLUSH DOOR STYLE: A FINISH: PAINT FRAME: STEEL RATING: 90 MIN.	3	0%	3	EA	
149		2'-6" x 6'-8" PANTRY SHELF DOOR	20	0%	20	EA	
		WINDOWS					
150	A100-A102, A520	**A:** 6'-0"W X 6'-0"H WINDOW FRAME COLOR: BLACK EXTERIOR, WHITE INTERIOR	56	0%	56	EA	

151	A100-A102, A520	**B:** 3'-0"W X 6'-0"H WINDOW FRAME COLOR: BLACK EXTERIOR, WHITE INTERIOR	71	0%	71	EA	
		STOREFRONT					
152	A100-A102, A520	16'-11" x 7'-3" STOREFRONT	1	0%	1	EA	
153		17'-10" X 9'-0" STOREFRONT	1	0%	1	EA	
		HEADERS					
154	A100-A102, A520-A530	NEW 7-1/4" HEADERS AT DOORS	79	10%	87	LF	
155		NEW 6-1/2" HEADERS AT DOORS	64	10%	70	LF	
156		NEW 4-3/4" HEADERS AT DOORS	465	10%	512	LF	
157		NEW HEADERS AT WINDOWS	549	10%	604	LF	
		JAMBS					
158	A100-A102, A520-A530	NEW 7-1/4" HEADERS AT DOORS	334	10%	367	LF	
159		NEW 6-1/2" HEADERS AT DOORS	293	10%	322	LF	
160		NEW 4-3/4" HEADERS AT DOORS	2,054	10%	2,259	LF	
161		NEW JAMBS AT WINDOWS	1,524	10%	1,676	LF	
		SILL					
162	A100-A102, A520	NEW SILL AT WINDOWS	549	10%	604	LF	
		ROOF VENTS					
163	A102 DETAILS @ A301	6X6 ROOF VENTS	65	0%	65	EA	
	DIV. 09	**FINISHES**					**$ -**
		EXTERIOR FINISHES					
164	A100, A200, A600	NICHIHA FIBER CEMENT BOARD & BATTEN PANELS COLOR: GREY	1,304	10%	1,435	SF	
		CEMENT BOARD					
165	A200	FIBER CEMENT BOARD & BATTEN COLOR: GREY	918	10%	1,010	SF	
		CORNICE/BAND					
166	A200	FIBER GLASS CORNICE	437	10%	481	LF	
167		CAST STONE CORNICE	682	10%	750	LF	
168	A20	CAST STONE BAND	49	10%	54	LF	
		BRICK FINISH			-		
169	A200	BRICKS COLOUR RED	11,971	10%	13,168	SF	
170		BRICKS COLOUR GREY	892	10%	981	SF	
		INTERIOR FINISHES					
		STUCCO					
171	A100, A200, A600	5/8" STUCCO FINISH AT INTERIOR SIDE OF PARKING	2,855	10%	3,140	SF	
		FLOORING					
172	A100-A102, A511	EXPOSED CONCRETE W/SEALER	8,106	10%	8,916	SF	
173		LUXURY VINYL TILE	17,027	10%	18,729	SF	
174		TILE OVER DITRA XL MAT	1,138	10%	1,252	SF	
175		PORCELAIN PAVERS	958	10%	1,054	SF	
176		CARPET FLOOR	1,920	10%	2,112	SF	
		FLOOR TRANSITION					
177	A100-A102, A511	LVT TO CARPET FLOOR TRANSITION	435	10%	479	LF	
178		LVT TO EXPOSED CONCRETE FLOOR TRANSITION	23	10%	25	LF	
179		PAVERS TO LVT FLOOR TRANSITION	9	10%	10	LF	
180		TILE TO CARPET FLOOR TRANSITION	62	10%	68	LF	
		WALL BASE					
181	A100-A102, A511	4" COVE TILE BASE	573	10%	631	LF	
182		5" PAINT GRADE WOOD BASE	5,334	10%	5,867	LF	
		WALL FINISHES					
183	A100-A102, A511	CERAMIC TILE AT BATH WALLS	2,292	10%	2,521	SF	
184		LATEX PAINT AT WALLS	75,731	10%	83,304	SF	
		CEILING MATERIAL					
185	A100-A102, A511	SUSPENDED RIGID 'X' MATERIAL AT CEILING	5,834	10%	6,417	SF	
		CEILING FINISHES					
186	A100-A102, A511	ONE COAT OF PRIMER & TWO COATS OF PAINT AT CEILING	17,941	10%	19,735	SF	
187		SUSPENDED CEILING TILES	6,968	10%	7,664	SF	
		GYPSUM BOARD					
188		5/8" FIRE RATED GYPSUM BOARD TAPE & SPACKLE AT WALLS	74,176	10%	81,593	SF	
189		NO. OF SHEETS	2,550	0%	2,550	EA	
190		ADHESIVE SEALANT (28 OZ)	2,529	0%	2,529	TUBES	
191		TAPPING	61	0%	61	ROLLS	
	A100, A200, A600						
192		5/8" FIRE RATED MOISTURE RESISTANT GYPSUM BOARD TAPE & SPACKLE AT WALLS	5,718	10%	6,290	SF	
193		NO. OF SHEETS	197	0%	197	EA	
194		ADHESIVE SEALANT (28 OZ)	195	0%	195	TUBES	
195		TAPPING	5	0%	5	ROLLS	
196		5/8" GYPSUM BOARD AT CEILING	17,941	10%	19,735	SF	

197		NO. OF SHEETS	617	0%	617	EA		
198		ADHESIVE SEALANT (28 OZ)	612	0%	612	TUBES		
199		TAPPING	15	0%	15	ROLLS		
	A101-A102, A511							
200		5/8" SUSPENDED GYPSUM BOARD AT CEILING	1,134	10%	1,247	SF		
201		NO. OF SHEETS	39	0%	39	EA		
202		ADHESIVE SEALANT (28 OZ)	39	0%	39	TUBES		
203		TAPPING	1	0%	1	ROLLS		
	DIV. 10	**SPECIALITIES**					**$**	**-**
		TOILET ACCESSORIES						
204		MIRRORS	20	0%	20	EA		
205		36'' L HORIZONTAL GRAB BAR	40	0%	40	EA		
206		42'' L VERTICAL GRAB BAR	20	0%	20	EA		
207		SOAP DISPENSER	20	0%	20	EA		
208	A100,A102	TISSUE DISPENSER	20	0%	20	EA		
209		ROBE HOOK	20	0%	20	EA		
210		CURTAIN ROD	20	0%	20	EA		
211		42'' L TUB GRAB BARS	40	0%	40	EA		
212		24'' TOWEL BAR	20	0%	20	EA		
	DIV. 11	**EQUIPMENTS**					**$**	**-**
		APPLIANCES						
213		DISHWASHER	20	0%	20	EA		
214	P220	CLOTHES WASHER	20	0%	20	EA		
215		COOKING RANGE	20	0%	20	EA		
216		30'' REFRIGERATOR	20	0%	20	EA		
	DIV. 11	**EQUIPMENTS**					**$**	**-**
217		ALLOWANCE FOR ELEVATOR 1 (1-5 FLOOR)	1	0%	1	EA		
	DIV. 22	**PLUMBING**					**$**	**-**
		PLUMBING FIXTURES						
218		AMERICAN STANDARD WATER CLOSET	20	0%	20	EA		
219	P220	BATHTUB	20	0%	20	EA		
220		LAVATORY	20	0%	20	EA		
221		KITCHEN SINK	20	0%	20	EA		
222		**SP-1:** SUMP PUMP FLOW RATE: 2GPM MODEL: EPD-5MS1 SIZE: 9'' D X 18'' H MFR: EBARA	1	0%	1	EA		
223	P300,P100,P120	**RCP-1:** RE-CIRCULATION PUMP FLOW RATE: 50 GPM MODEL: 009-SF5 SIZE: 7''X5''X7'' MFR: TACO	1	0%	1	EA		
224		**DBP-1:** BOOSTER PUMPS FLOW RATE: 66 GPM MODEL: PRODIGY-DUPLEX SIZE: 30''X24''X10'' MFR: QUANTUMFLO	2	0%	2	EA		
225		EXPANSION TANK	1	0%	1	EA		
		WATER HEATER						
226	P220,A101,102	HOT WATER HEATER NOTE: SPECS NOT DEFINED	20	0%	20	EA		
		PIPE WORK						
		SANITARY PIPING						
227		ALLOWANCE PROVIDED FOR SANITARY PIPING **AREA: 35,000 SF**	1	0%	1	LS		
		STORM PIPING						
228		ALLOWANCE PROVIDED FOR STROM WATER PIPING **AREA: 35,000 SF**	1	0%	1	LS		
		GAS PIPING						
229		ALLOWANCE PROVIDED FOR GAS PIPING **AREA: 35,000 SF**	1	0%	1	LS		
		WATER SUPPLY PIPING						
230		ALLOWANCE PROVIDED FOR SUPPLY PIPING **AREA: 35,000 SF**	1	0%	1	LS		
		DRAINS, DEVICES AND FITTINGS						
231		ALLOWANCE PROVIDED FOR DRAINS, DEVICES AND FITTINGS **AREA: 35,000 SF**	1	0%	1	LS		
		VALVES						
232		ALLOWANCE PROVIDED FOR VALVES **AREA: 35,000 SF**	1	0%	1	LS		
	DIV. 23	**HEATING VENTILATION AND AIR CONDITIONING**					**$**	**-**
		EQUIPMENTS						

233		ACU-1: AC CONDENSER AND COIL MFR: GOODMAN MODEL: CONDENSOR:CGSX130241 COIL: CAPF1824A6 OR EQUAL AHRI# 9979614	20	0%	20	EA	
234		F-1: UPFLOW HORIZONTAL FURNACE MFR: GOODMAN MODEL: GMEC960303ANA	20	0%	20	EA	
235		EF-1: EXHAUST FAN MFR: PANASONIC MODEL: WHISPER GREEN FV-11-15VK1	16	0%	16	EA	
236		EF-2: SWITCH EXHAUST FAN MFR: PANASONIC MODEL: WHISPER GREEN FV-05-11VK2	36	0%	36	EA	
237		EF-3: CEILING MOUNTED EXHAUST FAN MFR: BROAN MODEL: 673	4	0%	4	EA	
238		EF-4: CEILING MOUNTED EXHAUST FAN MFR: BROAN MODEL: L100	4	0%	4	EA	
239	M100-M303	SF-1: DIRECT DRIVE CENTRIFUGAL INLINE FAN MFR: GREENHECK MODEL: SQ-60-VG	4	0%	4	EA	
240		MSC-1: MULTIPLE SPLIT SYSTEM FLEX MULTI INVERTER HEAT PUMP MFR: AB MODEL: AB82008	1	0%	1	EA	
241		MSW-1: MULTIPLE SPLIT SYSTEM WALL UNIT MFR: DAIKIN MODEL: FXAQ07PVJU	4	0%	4	EA	
242		MSW-2: MULTIPLE SPLIT SYSTEM WALL UNIT MFR: DAIKIN MODEL: FXHQ12MVJU	2	0%	2	EA	
243		MSW-3: **NOTE: SPECS NOT PROVIDED**	3	0%	3	EA	
244		MSW-4: **NOTE: SPECS NOT PROVIDED**	1	0%	1	EA	
245		MSW-5: **NOTE: SPECS NOT PROVIDED**	4	0%	4	EA	
246		MSW-6: **NOTE: SPECS NOT PROVIDED**	1	0%	1	EA	
		DUCT WORKS					
		SUPPLY DUCT					
247		6" DIA FLEXIBLE DUCT	729	10%	802	LF	
248		8" DIA FLEXIBLE DUCT	509	10%	560	LF	
249		6X8 SUPPLY DUCT	48	10%	53	LF	
250		8X8 SUPPLY DUCT	35	10%	38	LF	
251	M100-M303	6" DIA RIGID FRESH AIR INTAKE DUCT	94	10%	104	LF	
252		8" DIA RIGID FRESH AIR INTAKE DUCT	89	10%	97	LF	
253		8X10 SUPPLY DUCT	49	10%	53	LF	
254		10X10 SUPPLY DUCT	35	10%	38	LF	
255		12X12 SUPPLY DUCT	260	10%	286	LF	
		RETURN DUCT					
256		10X10 RETURN DUCT W/ 16X24 WRAG	7	10%	7	LF	
257	M100-M303	12X10 RETURN DUCT W/ 16X24 WRAG	10	10%	11	LF	
258		12X12 RETURN DUCT W/ 16X24 WRAG	26	10%	29	LF	
259		12X12 RETURN DUCT W/ 16X24 WRAG	26	10%	29	LF	
		EXHAUST DUCT					
260		4" DIA EXHAUST DUCT	1,565	10%	1,722	LF	
261	M100-M303	24X9 EXHAUST DUCT	144	10%	158	LF	
262		24X16 EXHAUST DUCT	144	10%	159	LF	
263		24X24 EXHAUST DUCT	106	10%	117	LF	
		DIFFUSERS					
264		8X8 SUPPLY REGISTER	156	0%	156	EA	
265	M100-M303	12x12 SUPPLY DIFFUSER	5	0%	5	EA	
266		12x12 RETURN DIFFUSER	20	0%	20	EA	
267		24x24 RETURN DIFFUSER	1	0%	1	EA	
268		12X12 CR CFM: 448 CFM	5	0%	5	EA	
269		14X8 CR CFM: 448 CFM	3	0%	3	EA	
		GRILLS					
270		8X8 EXHAUST GRILL	20	0%	20	EA	
271	M100-M303	8X8 TRANSFER GRILL	28	0%	28	EA	
272		8X16 EXHAUST GRILL	16	0%	16	EA	
		MISC.					
273		8X8 CRAG **NOTE: SPECS NOTE DEFINED**	1	0%	1	EA	
274		48X48 MECHANICALLY ACTUATED LOUVER	1	0%	1	EA	
275	M100	SL-1: SUPPLY DIFFUSER N**OTE: SPECS NOT DEFINED**	1	0%	1	EA	

276		ALLOWANCE PROVIDED FOR MECHANICAL EQUIPMENT & MISC. ITEMS **AREA: 31,000 SF**	1	0%	1	LS	
	DIV. 26	**ELECTRICAL**					**$ -**
277		ALLOWANCE PROVIDED FOR ELECTRICAL WIRING, CONDUITS ETC. **AREA: 31,000 SF**	1	0%	1	LS	
278		COMMON UTILITY ROOM OVERHEAD LIGHT FIXTURE	17	0%	17	EA	
279		COMMON STAIR OVERHEAD LIGHT FIXTURE	26	0%	26	EA	
280		CEILING MOUNTED LIGHT	8	0%	8	EA	
281		COMMON EXTERIOR BOLLARD LIGHT FIXTURE	11	0%	11	EA	
282		COMMON CORRIDOR CEILING MOUNTED LIGHT FIXTURE	31	0%	31	EA	
283		COMMON EXTERIOR WALL SCONCE LIGHT FIXTURE	7	0%	7	EA	
284		UNIT EXTERIOR WALL SCONCE LIGHT FIXTURE	2	0%	2	EA	
285	E100,E101	CORRIDOR/LIVING/DINING/CEILING MOUNTED LIGHT FIXTURE	69	0%	69	EA	
286		BEDROOM CEILING MOUNTED LIGHT FIXTURE	30	0%	30	EA	
287		BATHROOM CEILING MOUNTED LIGHT FIXTURE	20	0%	20	EA	
288		BATHROOM WALL MOUNTED LIGHT FIXTURE	20	0%	20	EA	
289		KITCHEN CEILING MOUNTED LIGHT FIXTURE	40	0%	40	EA	
290		KITCHEN PENDANT LIGHT FIXTURE	35	0%	35	EA	
291		WALK-IN CLOSET WALL MOUNTED LIGHT FIXTURE	5	0%	5	EA	
292		MECHANICAL/LAUNDRY ROOM WALL MOUNTED LIGHT FIXTURE	55	0%	55	EA	
		SWITCHES					
293	E100,E101	SINGLE POLE SWITCH	183	0%	183	EA	
294		THREE WAY SWITCH	67	0%	67	EA	
		SENSOR					
295	E100,E101	COMMON EXTERIOR WALL SCONCE LIGHT FIXTURE	30	0%	30	EA	
		RECEPTACLE					
296		NEW DUPLEX RECEPTACLE	303	0%	303	EA	
297		DUPLEX RECEPTACLE AT PUBLIC SPACES , WIRE TO KEYED SWITCH	42	0%	42	EA	
298	E110,E111	NEW GROUND FAULT INTERRUPTER RECEPTACLE	147	0%	147	EA	
299		NEW WATER GROUND PROOF FAULT INTERRUPTER RECEPTACLE	30	0%	30	EA	
300		NEW MICROWAVE RECEPTACLE	20	0%	20	EA	
301		THREE POLE RECEPTACLE	40	0%	40	EA	
		PANELS					
302		ELECTRICAL PANEL	15	0%	15	EA	
303		HP-1 , 60A , 120/208V, 1PHASE	2	0%	2	EA	
304		HP-1A , 60A , 120/208V, 1PHASE	1	0%	1	EA	
305		HP-2A , 60A , 120/208V, 1PHASE	1	0%	1	EA	
306		HP-3A , 60A , 120/208V, 1PHASE	2	0%	2	EA	
307	E110,E111	HP-5A , 60A , 120/208V, 1PHASE	1	0%	1	EA	
308		EM-1A , 60A , 120/208V, 1PHASE	1	0%	1	EA	
309		EM-2A , 60A , 120/208V, 1PHASE	1	0%	1	EA	
310		EM-3A , 60A , 120/208V, 1PHASE	2	0%	2	EA	
311		HP-5A , 60A , 120/208V, 1PHASE	1	0%	1	EA	
312		EM-5A , 60A , 120/208V, 1PHASE	1	0%	1	EA	
		MISC					
313		THERMOSTAT	20	0%	20	EA	
314		TELECPHONE JACK	20	0%	20	EA	
315	E110,E111	CABLE/TELEVISION	45	0%	45	EA	
316		CABLE TV/FIOS TERMINAL CABINET	20	0%	20	EA	
316		RECIRCULATING RANGE HOOD	14	0%	14	EA	
		BASEBOARDS					
317		EB-1: ELECTRICAL BASEBOARD MFR: AB MODEL: AB82008	1	0%	1	EA	
318	M301	EB-2: ELECTRICAL BASEBOARD MFR: AB MODEL: AB61501	2	0%	2	EA	
319		EB-3: ELECTRICAL BASEBOARD MFR: AB MODEL: AB0758	6	0%	6	EA	
		GENERATOR					
320		NATURAL GAS GENERATOR, MFG: GENRAC, MODEL: SG 060, 60KW, 3-PHASE; 923 CFH GAS CONSUMPTION RATE; 1" GAS CONNECTION	1	0%	1	EA	
	DIV. 31	**EARTHWORK**					**$ -**
		EXCAVATION					
321		TOTAL EXCAVATION	895	10%	984	CY	
322		EXCAVATION FOR CONTINUOUS FOOTINGS	76	10%	84	CY	
323		EXCAVATION FOR SPREAD FOOTINGS	68	10%	75	CY	
324	S1.00	EXCAVATION FOR MATT FOOTINGS	124	10%	136	CY	
325		EXCAVATION FOR BASEMENT	576	10%	633	CY	
326		EXCAVATION FOR ELEVATOR PIT	51	10%	56	CY	

		BACKFILL					
327		TOTAL BACKFILL EXCAVATION	481	10%	529	CY	
328		BACKFILL FOR CONTINUOUS FOOTINGS	43	10%	48	CY	
329	S1.00	BACKFILL FOR SPREAD FOOTINGS	76	10%	84	CY	
330		BACKFILL FOR MATT FOOTINGS	83	10%	91	CY	
331		BACKFILLFOR BASEMENT	254	10%	280	CY	
332		BACKFILL FOR ELEVATOR PIT	25	10%	27	CY	
333	C110 - C240	6"THK. COMPACTED SOURSES W/ 3/4" X 10"THK. BROKEN STONE BEDDING PROVIDED FOR UTILITIES	1,289	10%	1,418	SF	
		TRENCHING					
334	C110 - C240	TRENCHING PROVIDED FOR SITE	548	10%	602	CY	
	DIV. 32	**EXTERIOR IMPROVMENTS**					**$ -**
		LANDSCAPE					
		TREE					
335	C-150	**GB:** 18' NEW TREE BOTAINICAL NAME: ACER PLAMATUM 'BLOODGOOD'	1	0%	1	EA	
		SHRUBS					
336	C-150	**IG:** 4'H INKBERRY SHRUBS BOTAINICAL NAME: LLEX GLABRA	10	0%	10	EA	
		GROUND COVERS					
337	C-150	**JH:** 6"BLUE RUG JUNIPER GROUND COVER BOTAINICAL NAME: JUNIPERUS HORIZONTALIS 'WILTONII'	16	0%	16	EA	
338		**LS:** 2'H LILLY TURF GROUND COVER BOTAINICAL NAME: LIRIOPE SPICATA	9	0%	9	EA	
		MIXED PERENNIALS					
339	C-150	**HR:** 3'H RED DAYLILLY MIXED PERENNIALS BOTAINICAL NAME: HEMEROCALLUS 'RED RUM'	8	0%	8	EA	
		MULCHING					
340	C-150	3"THK. RED MULCH W/ 8"THK. TOPSOIL TO ALL PLANTING BEDS **NOTE: PROVIDE 3"THK. TRIPLE SHREDDED HARDWOOD BLACK MULCH, FREE FROM ALL CONTAMINANTS & DEBRIS.**	944	10%	1,038	SF	
		TREE GRATE FRAME					
341	C-150	BLACK POWER COATED TREE GRATE FRAME W/ 16 SHEAR STUDS GRATE MODEL NO.: T94601 FRATE FRAME MODEL: TF60 MFR.: WABASH VALLEY/ BOYCE ASSOCIATES W/ 4"THK. BROWN PEA GRAVEL UNDER TREE GRATE & CONCRETE CURB @ PERIMETER	240	10%	264	LF	
		SOIL EROSION & SEDIMENT CONTROL					
		CRUSHEDSTONE CLEANING BED					
342	C-140	2 1/2"THK. CRUSHED STONE CLEANING BED	1,258	10%	1,384	SF	
		FENCE					
343	C-140	TEMPORARY CONSTRUCTION FILTER FENCE W/ 2" X 2" POSTS @ 8'-0" O.C.	433	10%	477	LF	
		STOCKPILE					
344	C-140	TEMPORARY STOCKPILE/ PUBLIC R.O.W & TRANSITION	81	10%	89	SF	
		SITE PREPARATION					
		CURB					
345	C-120	9"THK. X 20"D CONCRETE CURB	49	10%	54	LF	
346		DEPRESSED CURB AND CONCRETE APRON	22	10%	24	LF	
		SIDEWALK					
347		4"THK. CONCRETE SIDEWALK W/ 6" X 6" W1.4X W1.4 W.W.F. REINFORCEMENT	1,727	10%	1,900	SF	
348	C-120	4"THK. "TYPE-5, CLASS A" GRANULAR SUBBASE W/ COMPACTED SUBGRADE	1,727	10%	1,900	SF	
349		1/2"THK. NON-EXTRUDABLE, FIBROUS BITUMASTIC MATERIAL	447	10%	492	LF	
		FENCE					
348	C-120	6'-0"H VINYL FENCE	422	10%	464	LF	
		STORM AVENUE					
350	C-120	MILLED AND PAVED STORM AVENUE	2,135	10%	2,348	SF	
	DIV. 33	**UTILITIES**					**$ -**
		UTILITY LINES					
351		GAS METER LINE	89	10%	97	LF	
352		8"DIA. WATER MAIN	67	10%	74	LF	
353		24"DIA.HDPE SOLID PIPE SYSTEM	150	10%	165	LF	
354		24"DIA.HDPF SOLID PIPE	5	10%	6	LF	
355		6"DIA. HDPE PIPE	16	10%	18	LF	
356	C-130	12" TRENCH DRAIN	17	10%	19	LF	
357		8"DIA. SDR PIPE	37	10%	41	LF	

358		35" X 25" OVAL SEWER MAIN	67	10%	74	LF	
359		6"DIA. PVC SANITARY SEWER LINE	32	10%	36	LF	
360		6"DIA. D.I.P. COMBINED DOM. SPRINKLER WATER LINE	58	10%	64	LF	
361		UNDERGROUND ELECTRIC SERVICE	105	10%	116	LF	
		MANHOL/DRAINS/VALVES					
362		DRAINS W/ DRAINAGE GRATE	2	0%	2	EA	
363		DOGHOUSE MANHOLE	1	0%	1	EA	
364	C-130	GAS METER BANK (4 METER STACK)	1	0%	1	EA	
365		CONTROL OUTLET	1	0%	1	EA	
366		CURB VALVE	1	0%	1	EA	
	TOTAL BID						