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LA QUINTA 91ST & MCDOWELL

9050WMCDOWELL RD. PHOENIX AZ, 85037

OWNER

ARCHITECT

ADDENDA

Addendum Issued: NONE

**Please review any Addendum issued after
Date 01/26/2022**

ID: 1616

BIDDER NAME: _____



S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
							Manhour / Unit	\$/HOUR	COST				
70				Rebar's (Grade 60)	310	LB							
71				Concrete footing. (f'c = 3000 PSI)	192	CF							
				(4'6"SQ.x1'H) TYPE F-16, CONCRETE FOOTING PAD (2 EA)									
72	S2.1			Compaction of sub-grade.	50	SF							
73				Formwork.	36	SF							
74				Rebar's (Grade 60)	66	LB							
75				Concrete footing. (f'c = 3000 PSI)	41	CF							
				(5'SQ.x1'H) TYPE F-17, CONCRETE FOOTING PAD (2 EA)									
76	S2.1			Compaction of sub-grade.	61	SF							
77				Formwork.	40	SF							
78				Rebar's (Grade 60)	80	LB							
79				Concrete footing. (f'c = 3000 PSI)	50	CF							
				(4'6"SQ.x1'H) TYPE F-18, CONCRETE FOOTING PAD (3 EA)									
80	S2.1			Compaction of sub-grade.	75	SF							
81				Formwork.	54	SF							
82				Rebar's (Grade 60)	100	LB							
83				Concrete footing. (f'c = 3000 PSI)	61	CF							
				(5'SQ.x1'H) TYPE F-19, CONCRETE FOOTING PAD (1 EA)									
84	S2.1			Compaction of sub-grade.	30	SF							
85				Formwork.	20	SF							
86				Rebar's (Grade 60)	40	LB							
87				Concrete footing. (f'c = 3000 PSI)	25	CF							
				(5'6"SQ.x1'H) TYPE F-20, CONCRETE FOOTING PAD (3 EA)									
88	S2.1			Compaction of sub-grade.	108	SF							
89				Formwork.	66	SF							
90				Rebar's (Grade 60)	146	LB							
91				Concrete footing. (f'c = 3000 PSI)	91	CF							
				(6'SQ.x1'H) TYPE F-21, CONCRETE FOOTING PAD (1 EA)									
92	S2.1			Compaction of sub-grade.	43	SF							
93				Formwork.	24	SF							
94				Rebar's (Grade 60)	60	LB							
95				Concrete footing. (f'c = 3000 PSI)	36	CF							
				(6'6"SQ.x1'2"H) TYPE F-22, CONCRETE FOOTING PAD (1 EA)									
96	S2.1			Compaction of sub-grade.	49	SF							
97				Formwork.	30	SF							
98				Rebar's (Grade 60)	80	LB							
99				Concrete footing. (f'c = 3000 PSI)	50	CF							
				(7'SQ.x1'2"H) TYPE F-23, CONCRETE FOOTING PAD (2 EA)									
100	S2.1			Compaction of sub-grade.	113	SF							
101				Formwork.	65	SF							
102				Rebar's (Grade 60)	184	LB							
103				Concrete footing. (f'c = 3000 PSI)	115	CF							
				(7'6"SQ.x1'2"H) TYPE F-24, CONCRETE FOOTING PAD (1 EA)									
104	S2.1			Compaction of sub-grade.	64	SF							
105				Formwork.	35	SF							
106				Rebar's (Grade 60)	106	LB							
107				Concrete footing. (f'c = 3000 PSI)	66	CF							
				(8'SQ.x1'4"H) TYPE F-25, CONCRETE FOOTING PAD (1 EA)									
108	S2.1			Compaction of sub-grade.	75	SF							
109				Formwork.	43	SF							
110				Rebar's (Grade 60)	140	LB							
111				Concrete footing. (f'c = 3000 PSI)	85	CF							
				(9'SQ.x1'6"H) TYPE F-26, CONCRETE FOOTING PAD (1 EA)									
112	S2.1			Compaction of sub-grade.	90	SF							
113				Formwork.	54	SF							
114				Rebar's (Grade 60)	215	LB							
115				Concrete footing. (f'c = 3000 PSI)	122	CF							
				(8'SQ.x1'4"H) TYPE F-27, CONCRETE FOOTING PAD (1 EA)									
116	S2.1			Compaction of sub-grade.	75	SF							
117				Formwork.	43	SF							
118				Rebar's (Grade 60)	140	LB							
119				Concrete footing. (f'c = 3000 PSI)	85	CF							
				(9'Wx14'Lx1'6"H) TYPE F-28, CONCRETE FOOTING PAD (1 EA)									
120	S2.1			Compaction of sub-grade.	138	SF							
121				Formwork.	69	SF							
122				Rebar's (Grade 60)	330	LB							
123				Concrete footing. (f'c = 3000 PSI)	189	CF							
				(3'SQ.x1'H) TYPE F-29, CONCRETE FOOTING PAD (1 EA)									
124	S2.1			Compaction of sub-grade.	13	SF							
125				Formwork.	12	SF							
126				Rebar's (Grade 60)	15	LB							
127				Concrete footing. (f'c = 3000 PSI)	9	CF							
				(3'SQ.x1'H) TYPE F-30, CONCRETE FOOTING PAD (1 EA)									
128	S2.1			Compaction of sub-grade.	13	SF							
129				Formwork.	12	SF							
130				Rebar's (Grade 60)	15	LB							
131				Concrete footing. (f'c = 3000 PSI)	9	CF							
				(4'SQ.x1'H) TYPE F-31, CONCRETE FOOTING PAD (1 EA)									
132	S2.1			Compaction of sub-grade.	21	SF							
133				Formwork.	16	SF							
134				Rebar's (Grade 60)	25	LB							
135				Concrete footing. (f'c = 3000 PSI)	16	CF							
				(5'SQ.x1'H) TYPE F-32, CONCRETE FOOTING PAD (1 EA)									
136	S2.1			Compaction of sub-grade.	30	SF							
137				Formwork.	20	SF							
138				Rebar's (Grade 60)	40	LB							
139				Concrete footing. (f'c = 3000 PSI)	25	CF							
				(8'SQ.x1'4"H) TYPE F-33, CONCRETE FOOTING PAD (1 EA)									
140	S2.1			Compaction of sub-grade.	75	SF							

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							Manhour / Unit	\$/HOUR	COST				
			050000	DIVISION 05 - METAL									
			051200	STRUCTURAL STEEL									
205	S3.1 to S3.9			(10x10x3/4) Base plate. (6 EA)	128	LB							
206				(11x11x3/4) Base plate. (52 EA)	1335	LB							
207				(12x12x7/8) Base plate. (2 EA)	72	LB							
208				HSS4x4x3/16 (6 EA)	792	LB							
209				HSS5x5x3/16 (47 EA)	6488	LB							
210				HSS5x5x1/4 (5 EA)	1094	LB							
211				HSS6x6x1/4 (2 EA)	533	LB							
212				W18x40 (8 EA)	4480	LB							
213				W24x76 (1 EA)	1102	LB							
214				HSS4x4x1/4	2012	LB							
215				HSS4x4x1/4 Truss	4961	LB							
216				HSS5x5x3/16	396	LB							
217				W6x20	459	LB							
218				W8x28	509	LB							
219				W12x30	310	LB							
220				W16x31	1558	LB							
221				W18x35	708	LB							
222				W18x40	2935	LB							
223				W21x44	1150	LB							
224				W21x50	2725	LB							
225				W24x55	4589	LB							
226				W24x62	3610	LB							
227				W24x68	8959	LB							
228				W24x76	3410	LB							
229				W24x84	7659	LB							
230				W27x84	2973	LB							
231				L3x3x1/4	689	LB							
232				L4x4x1/4	538	LB							
233				L4x4x3/4	888	LB							
234	A2.1 to A7.3			RC-1 Type 1/2" Resilient Channel @24" O.C. (1HR)TYPE 01 GWB INTERIOR WALL (4565LF)	19050	LF							
235				(7/8") Hat Channel W/RSIC-1 @16" O.C.	33964	LF							
236				(7/8") Hat Channel W/RSIC-1 @48" O.C.	15850	LF							
237	A2.1 to A7.3			(2HR)TYPE 02 GWB INTERIOR WALL (517LF) (1/2") Resilient Channel @48" O.C.	1863	LF							
238	A2.1 to A7.3			STEEL BEAM FRAMING (30LF) (3 5/8") Metal Studs @16" O.C. (Actual Length; 178) Note: Standard length; 2 ft (190LF)	95	EA							
239				(3 5/8") Metal Top and Bottom Track (Actual Length; 240) Note: Standard length; 10 ft (240LF)	24	EA							
240	A2.1 to A7.3			STEEL BEAM FRAMING (407LF) (8") Metal Track (Actual Length; 407) Note: Standard length; 10 ft (410LF)	41	EA							
241				(1 1/2 x 1 1/2 x 1/4) Angle	814	LF							
242	S3.1 to S3.9		053000	METAL DECK (1-1/2") 20 GA. Painted steel roof.	1345	SF							
243	A2.1 to A7.3		055000	METAL FABRICATIONS Access Ladder	45	LF							
244				Pre-Fabricated Awning	200	SF							
245				Steel Plate Housing for Nightlatch	2	EA							
246				MISC. Item.	1	LS							
247	A2.1 to A7.3		057000	ORNAMENTAL METAL HSS Guardrail w/ (HSS 2"x2"x3/16") Top & Bottom rail and Vertical Supports and (HSS 1"x1"x1/8") Balusters @4" O.C. (3'-6"H)	165	LF							
248				(1-1/2") NOM. DIA Standard Weight Steel Pipe Handrail	330	LF							
				Subtotal									
			060000	DIVISION 06 - WOOD, PLASTIC AND COMPOSITES									
			061053	WOOD FRAMING									
249	S3.1 to S3.9			WOOD POSTS - DOUGLAS FIR-LARCH STUD (2x6) P.T KING STUD POST (Actual length; 3458 LF) Note: Standard length; 14 ft (3458 LF)	247	EA							
250				(2x6) KING STUD POST (Actual length; 8470 LF) Note: Standard length; 10 ft (9240 LF)	924	EA							
251				(1-1/2"x5-1/2") P.T 1.6E LSL POST (Actual length; 182 LF) Note: Standard length; 10 ft (182 LF)	13	EA							
252				WOOD BEAMS - #2 DOUGLAS FIR-LARCH (2x4) BLOCKING (Actual length; 39 LF) Note: Standard length; 10 ft (40 LF)	4	EA							
253				(2x6) BLOCKING (Actual length; 562 LF) Note: Standard length; 10 ft (570 LF)	57	EA							
254				(2x8) LEDGER (Actual length; 1107 LF) Note: Standard length; 10 ft (1110 LF)	111	EA							
255				(2x6) HEADER BEAM (Actual length; 20 LF) Note: Standard length; 6 ft (24 LF)	4	EA							
256				(2x8) HEADER BEAM (Actual length; 322 LF) Note: Standard length; 4 ft (416 LF)	104	EA							
257				(2x8) HEADER BEAM (Actual length; 670 LF) Note: Standard length; 6 ft (888 LF)	148	EA							
258				(2x8) HEADER BEAM (Actual length; 84 LF) Note: Standard length; 8 ft (96 LF)	12	EA							
259				(2x8) HEADER BEAM (Actual length; 56 LF) Note: Standard length; 10 ft (60 LF)	6	EA							
260				(2x10) HEADER BEAM (Actual length; 17 LF) Note: Standard length; 4 ft (20 LF)	5	EA							
261				(2x10) HEADER BEAM (Actual length; 11 LF) Note: Standard length; 6 ft (12 LF)	2	EA							
262				(2x10) HEADER BEAM (Actual length; 346 LF) Note: Standard length; 8 ft (392 LF)	49	EA							
263				(2x10) HEADER BEAM (Actual length; 109 LF) Note: Standard length; 10 ft (110 LF)	11	EA							
264				(1-3/4"x9-1/2") LVL BEAM (Actual length; 36 LF) Note: Standard length; 4 ft (40 LF)	10	EA							
265				(1-3/4"x9-1/2") LVL BEAM (Actual length; 12 LF) Note: Standard length; 6 ft (12 LF)	2	EA							
266				(1-3/4"x9-1/2") LVL BEAM (Actual length; 28 LF) Note: Standard length; 8 ft (32 LF)	4	EA							

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							Manhour / Unit	\$/HOUR	COST				
267	S3.1 to S3.9			(1-3/4"x9-1/2") LVL BEAM (Actual length; 231 LF) Note: Standard length; 10 ft (240 LF)	24	EA							
268				(1-3/4"x11-7/8") LVL BEAM (Actual length; 7 LF) Note: Standard length; 4 ft (12 LF)	3	EA							
269				(1-3/4"x11-7/8") LVL BEAM (Actual length; 141 LF) Note: Standard length; 6 ft (162 LF)	27	EA							
270				(1-3/4"x11-7/8") LVL BEAM (Actual length; 83 LF) Note: Standard length; 8 ft (96 LF)	12	EA							
271				(1-3/4"x11-7/8") LVL BEAM (Actual length; 869 LF) Note: Standard length; 10 ft (920 LF)	92	EA							
272				(1-3/4"x11-7/8") LVL BEAM (Actual length; 173 LF) Note: Standard length; 12 ft (192 LF)	16	EA							
273				(1-3/4"x11-7/8") LVL BEAM (Actual length; 303 LF) Note: Standard length; 14 ft (336 LF)	24	EA							
274				(5-1/4"x11-7/8") LVL BEAM (Actual length; 7 LF) Note: Standard length; 8 ft (8 LF)	1	EA							
275				(5-1/4"x11-7/8") LVL BEAM (Actual length; 27 LF) Note: Standard length; 10 ft (30 LF)	3	EA							
276				(5-1/4"x11-7/8") LVL BEAM (Actual length; 26 LF) Note: Standard length; 14 ft (28 LF)	2	EA							
277				(7"x9-1/2") LVL BEAM (Actual length; 10 LF) Note: Standard length; 10 ft (10 LF)	1	EA							
278				(7"x11-7/8") LVL BEAM (Actual length; 8 LF) Note: Standard length; 8 ft (8 LF)	1	EA							
279				(7"x11-7/8") LVL BEAM (Actual length; 25 LF) Note: Standard length; 10 ft (30 LF)	3	EA							
280				(7"x11-7/8") LVL BEAM (Actual length; 38 LF) Note: Standard length; 14 ft (42 LF)	3	EA							
281				(7"x11-7/8") LVL BEAM (Actual length; 16 LF) Note: Standard length; 16 ft (16 LF)	1	EA							
282				(7"x14") LVL BEAM (Actual length; 75 LF) Note: Standard length; 14 ft (84 LF)	6	EA							
283				(7"x16") LVL BEAM (Actual length; 16 LF) Note: Standard length; 16 ft (16 LF)	1	EA							
284				(5-1/8"x15") GLB BEAM (Actual length; 16 LF) Note: Standard length; 16 ft (16 LF)	1	EA							
				FLOOR / ROOF JOISTS - #2 DOUGLAS FIR-LARCH									
285	S3.1 to S3.9			11-7/8" LPI 20 PLUS FLOOR JOISTS (Actual length; 153 LF) Note: Standard length; 6 ft (168 LF)	28	EA							
286				11-7/8" LPI 20 PLUS FLOOR JOISTS (Actual length; 229 LF) Note: Standard length; 8 ft (248 LF)	31	EA							
287				11-7/8" LPI 20 PLUS FLOOR JOISTS (Actual length; 385 LF) Note: Standard length; 10 ft (390 LF)	39	EA							
288				11-7/8" LPI 20 PLUS FLOOR JOISTS (Actual length; 81 LF) Note: Standard length; 12 ft (96 LF)	8	EA							
289				11-7/8" LPI 20 PLUS FLOOR JOISTS (Actual length; 20081 LF) Note: Standard length; 14 ft (21266 LF)	1519	EA							
290				11-7/8" LPI 20 PLUS FLOOR JOISTS (Actual length; 178 LF) Note: Standard length; 16 ft (192 LF)	12	EA							
291				11-7/8" LPI 20 PLUS FLOOR JOISTS (Actual length; 1390 LF) Note: Standard length; 18 ft (1530 LF)	85	EA							
292				11-7/8" LPI 32 PLUS FLOOR JOISTS (Actual length; 84 LF) Note: Standard length; 12 ft (84 LF)	7	EA							
293				11-7/8" LPI 32 PLUS FLOOR JOISTS (Actual length; 271 LF) Note: Standard length; 14 ft (308 LF)	22	EA							
294				11-7/8" LPI 52 PLUS FLOOR JOISTS (Actual length; 30 LF) Note: Standard length; 10 ft (30 LF)	3	EA							
295				(2x8) FLOOR JOISTS (Actual length; 251 LF) Note: Standard length; 6 ft (270 LF)	45	EA							
296				(2x8) FLOOR JOISTS (Actual length; 3525 LF) Note: Standard length; 8 ft (4320 LF)	540	EA							
297				(2x8) FLOOR JOISTS (Actual length; 97 LF) Note: Standard length; 10 ft (100 LF)	10	EA							
298				(2x8) FLOOR JOISTS (Actual length; 122 LF) Note: Standard length; 12 ft (132 LF)	11	EA							
299				(1-1/4") RIM JOISTS (Actual length; 1865 LF) Note: Standard length; 10 ft (1870 LF)	187	EA							
300				(2x8) ROOF RAFTERS (Actual length; 69 LF) Note: Standard length; 8 ft (80 LF)	10	EA							
301				(2x8) ROOF RAFTERS (Actual length; 814 LF) Note: Standard length; 10 ft (860 LF)	86	EA							
302				(2x10) ROOF RAFTERS (Actual length; 83 LF) Note: Standard length; 4 ft (112 LF)	28	EA							
303				(2x10) ROOF RAFTERS (Actual length; 107 LF) Note: Standard length; 6 ft (132 LF)	22	EA							
304				(2x10) ROOF RAFTERS (Actual length; 896 LF) Note: Standard length; 8 ft (1000 LF)	125	EA							
305				(2x12) STAIR STRINGER (Actual length; 101 LF) Note: Standard length; 10 ft (120 LF)	12	EA							
306				(2x12) STAIR STRINGER (Actual length; 257 LF) Note: Standard length; 12 ft (288 LF)	24	EA							
307				(2x12) STAIR STRINGER (Actual length; 148 LF) Note: Standard length; 14 ft (168 LF)	12	EA							
308	S3.8			ROOF TRUSSES PRE-Manufactured roof trusses	6185	LF							
309	S3.1 to S3.9			WALL BRACING - DOUGLAS FIR-LARCH STUD (2x4) BRACING (Actual length; 212 LF) Note: Standard length; 4 ft (212 LF)	53	EA							
310				(2x6) BRACING (Actual length; 60 LF) Note: Standard length; 6 ft (72 LF)	12	EA							
311				(2x6) BRACING (Actual length; 208 LF) Note: Standard length; 8 ft (208 LF)	26	EA							
312				(2x6) BRACING (Actual length; 1840 LF) Note: Standard length; 20 ft (1840 LF)	92	EA							
313	A2.1 to A7.3			(1HR)TYPE 01 GWB INTERIOR WALL - DOUGLAS FIR-LARCH STUD (4565LF) (2x6) Wood Studs @16" O.C. (Actual Length; 8549) Note: Standard length; 14 ft (9450LF)	675	EA							
314				(2x6) Wood Studs @16" O.C. (Actual Length; 50) Note: Standard length; 4 ft (76LF)	19	EA							
315				(2x6) Wood Studs @16" O.C. (Actual Length; 25366) Note: Standard length; 10 ft (27430LF)	2743	EA							
316				(2x6) P.T. Wood Bottom Track (Actual Length; 896) Note: Standard length; 10 ft (900LF)	90	EA							

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							Manhour / Unit	\$/HOUR	COST						
			100000	DIVISION 10 - SPECIALTIES											
558	A2.1 to			Shower Glass Wall	2625	SF									
559	A7.3			Toilet Compartment Wall	190	SF									
			102813	TOILET AND BATH ACCESSORIES											
560	A2.1 to A7.3			Door Mounted Shower Door Roller	45	EA									
561				Grab Bar (18")	96	EA									
562				Grab Bar (24")	18	EA									
563				Grab Bar (36")	98	EA									
564				Grab Bar (42")	98	EA									
565				Grab Bar (48")	2	EA									
566				Sanitary Wipe Dispenser	1	EA									
567				Soap Dispenser by Laundry Supplier	1	EA									
568				Robe Hook	95	EA									
569				Robe Hook Door	98	EA									
570				Robe Hook Wall	95	EA									
571				Toilet Paper Holder	95	EA									
572				Towel Bar	95	EA									
573				Toilet Paper Holder	3	EA									
574				Eye Wash	1	EA									
575				Diaper Changing Station	2	EA									
576				Diaper Changing Station	1	EA									
577				Dirty Towel Bin	1	EA									
578				(4'-6"W x 3'-0"H) Vanity Mirror w/ Backlighting	95	EA									
579				(2'-0" x 5'-0") Mirror	95	EA									
580				(3' x 3') Mirror	2	EA									
581				(2' x 3') Mirror	1	EA									
582				Shower Curtain and Rod	245	LF									
Subtotal															

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							Manhour / Unit	\$/HOUR	COST				
646				Panic Release Bar	2	EA							
647				Lock Box for Fire Department Card Key	1	EA							
			123661	SOLID SURFACING COUNTERTOPS									
648	A2.1 to A7.3			Quartz Countertop (2CM)	15	SF							
649				Solid Surface Countertop	380	SF							
650				Worksurface countertop.	15	SF							
651				Vanity Countertop	30	SF							
652				Vanity Backsplash	15	LF							
				Subtotal									
			150000	DIVISION 15 - HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)									
653				MS-4 & MSC-4 - MINI SPLIT HEAT PUMP - 1 TON MINI-SPLIT HEAT PUMP - CARRIER: 40MAQB12B-3 & 38MAQB12R-3	1	EA							
654				MS-2 & MSC-2 - MINI SPLIT HEAT PUMP - 3/4 TON MINI-SPLIT HEAT PUMP - CARRIER: 40MAQB09B-3 & 38MAQB09R-3	1	EA							
655				MS-3 & MSC-3 - MINI SPLIT HEAT PUMP - 1 TON MINI-SPLIT HEAT PUMP - CARRIER: 40MAQB12B-3 & 38MAQB12R-3	1	EA							
656				MS-1 & MSC-1 - MINI SPLIT HEAT PUMP - 3/4 TON MINI-SPLIT HEAT PUMP - CARRIER: 40MAQB09B-3 & 38MAQB09R-3	1	EA							
657				FAU-11 & CU-11 - CARRIER - MODEL: 24ABB560A050, COOLING COIL: CARRIER, MANUF: CNPVP6024ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A120S24-20 (5 TON SPLIT)	1	EA							
658				FAU-6 & CU-6 - CARRIER - MODEL: 24ABB324A030, COOLING COIL: CARRIER, MANUF: CNPVP2417ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S17-12 (2 TON SPLIT)	1	EA							
659				FAU-5 & CU-5 - CARRIER - MODEL: 24ABB324A030, COOLING COIL: CARRIER, MANUF: CNPVP2417ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S17-12 (2 TON SPLIT)	1	EA							
660				FAU-4 & CU-4 - CARRIER - MODEL: 24ABB324A030, COOLING COIL: CARRIER, MANUF: CNPVP2417ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S17-12 (2 TON SPLIT)	1	EA							
661				FAU-3 & CU-3 - CARRIER - MODEL: 24ABB324A030, COOLING COIL: CARRIER, MANUF: CNPVP2417ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S17-12 (2 TON SPLIT)	1	EA							
662				FAU-12 & CU-12 - CARRIER - MODEL: 24ABB560A050, COOLING COIL: CARRIER, MANUF: CNPVP6024ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A120S24-20 (5 TON SPLIT)	1	EA							
663				FAU-2 & CU-2 - CARRIER - MODEL: 24ABB318A030, COOLING COIL: CARRIER, MANUF: CNPVP1814ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S14-10 (1.5 TON SPLIT)	1	EA							
664				FAU-10 & CU-10 - CARRIER - MODEL: 24ABB548A050, COOLING COIL: CARRIER, MANUF: CNPVP4821ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A080S21-20 (4 TON SPLIT)	1	EA							
665				MS-5 & MSC-5 - MINI SPLIT HEAT PUMP - 1-1/2 TON MINI-SPLIT HEAT PUMP - CARRIER: 40MAQB18B-3 & 38MAQB18R-3	1	EA							
666				PTAC-1 - PACKAGED TERMINAL AIR CONDITIONER - AMANA: PTH073G25ERXX W/ SUB BASE KIT: PTSB320E, DRAIN KIT: DK900D, OCCUPANCY SENSOR: DD01E, THERMOSTAT: DS01E, WALL SLEEVE: WS900GS	76	EA							
667				PTAC-2 - PACKAGED TERMINAL AIR CONDITIONER - AMANA: PTH093G25ERXX W/ SUB BASE KIT: PTSB320E, DRAIN KIT: DK900D, OCCUPANCY SENSOR: DD01E, THERMOSTAT: DS01E, WALL SLEEVE: WS900GS	19	EA							
668				FAU-1 & CU-1 - CARRIER - MODEL: 24ABB318A030, COOLING COIL: CARRIER, MANUF: CNPVP1814ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S14-10 (1.5 TON SPLIT)	1	EA							
669				FIRE & SMOKE DAMPER	20	EA							
670				LINT LASSO LLA-10	2	EA							
671				EF-1 - EXHAUST FAN - PANASONIC: FV-05VQ5 (50 CFM)	102	EA							
672				EF-2 - EXHAUST FAN - PANASONIC: FV-11VQ5 (110 CFM)	3	EA							
673				EF-3 - EXHAUST FAN - PANASONIC: FV-15VQ5 (150 CFM)	1	EA							
674				EF-4 - EXHAUST FAN - PANASONIC: FV-30VQ3 (290 CFM)	2	EA							
675				(4"Dia) EXHAUST DUCT CAP	13	EA							
676				(2'X2') AIR DIFFUSER (75 CFM)	1	EA							
677				(2'X2') AIR INTAKE DEVISE (75 CFM)	1	EA							
678				(2'X2') AIR INTAKE DEVISE (375 CFM)	1	EA							
679				(2'X2') AIR INTAKE DEVISE (265 CFM)	3	EA							
680				(2'X2') AIR DIFFUSER (125 CFM)	8	EA							
681				(2'X2') AIR INTAKE DEVISE (400 CFM)	2	EA							
682				(1'X1') AIR DIFFUSER (50 CFM)	8	EA							
683				(2'X2') AIR INTAKE DEVISE (530 CFM)	3	EA							
684				(2'X2') AIR INTAKE DEVISE (420CFM)	1	EA							
685				(2'X2') AIR INTAKE DEVISE (535 CFM)	3	EA							
686				(2'X2') AIR INTAKE DEVISE (600 CFM)	1	EA							
687				(2'X2') AIR INTAKE DEVISE (500 CFM)	3	EA							
688				(1'X1') AIR DIFFUSER (75 CFM)	2	EA							
689				(2'X2') AIR INTAKE DEVISE	4	EA							
690				(2'X2') AIR INTAKE DEVISE (250 CFM)	10	EA							
691				(2'X2') AIR INTAKE DEVISE (125 CFM)	2	EA							
692				(2'X2') AIR DIFFUSER (130 CFM)	15	EA							
693				(2'X2') AIR DIFFUSER (150 CFM)	2	EA							
694				(1'X1') CEILING GRILLE	1	EA							
695				LINEAR SUPPLY DIFFUSER (140 CFM)	12	EA							
696				LINEAR SUPPLY DIFFUSER (160 CFM)	13	EA							
697				LINEAR SUPPLY DIFFUSER (135 CFM)	2	EA							
698				LINEAR SUPPLY DIFFUSER (125 CFM)	7	EA							
699				LINEAR SUPPLY DIFFUSER (75 CFM)	1	EA							
700				LINEAR SUPPLY DIFFUSER (100 CFM)	1	EA							
701				LINEAR SUPPLY DIFFUSER (110 CFM)	1	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
							Manhour / Unit	\$/HOUR	COST				
702				LINEAR SUPPLY DIFFUSER (115 CFM)	7	EA							
703				LINEAR SUPPLY DIFFUSER (130 CFM)	5	EA							
704				LINEAR SUPPLY DIFFUSER (200 CFM)	3	EA							
705				SUPPLY GRILLE (200 CFM)	1	EA							
706				SUPPLY GRILLE (800 CFM)	1	EA							
707				SUPPLY GRILLE (155 CFM)	4	EA							
708				SUPPLY GRILLE (50 CFM)	1	EA							
709				VOLUME DAMPER	95	EA							
710				POWDER COATED LOUVER W/ BUG SCREEN	5	EA							
711				(6"Dia) EXHAUST DUCT CAP	2	EA							
712				(8"Dia) EXHAUST DUCT CAP	1	EA							
713				(4"Dia) ROUND DUCT (40"H)	1	EA							
714				(4"Dia) ROUND SUPPLY GRILLE (50 CFM)	8	EA							
715				FAU-7 & CU-7 - CARRIER - MODEL: 24ABB324A030, COOLING COIL: CARRIER, MANUF: CNPVP2417ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S17-12 (2 TON SPLIT)	1	EA							
716				FAU-8 & CU-8 - CARRIER - MODEL: 24ABB324A030, COOLING COIL: CARRIER, MANUF: CNPVP2417ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S17-12 (2 TON SPLIT)	1	EA							
717				FAU-9 & CU-9 - CARRIER - MODEL: 24ABB324A030, COOLING COIL: CARRIER, MANUF: CNPVP2417ALA, AIR HNDLER - MANUF: CARRIER, MODEL: 59SC5A040S17-12 (2 TON SPLIT)	1	EA							
718				LOCKABLE CABINET FOR FAN SOLID STATE SPEED CONTROLS	1	EA							
719				EF-5 - EXHAUST FAN - FANTECH: FR 125 (170 CFM)	9	EA							
720				EF-6 - EXHAUST FAN - FANTECH: FR 140 (225 CFM)	4	EA							
721				EV-1 - EXHAUST VENTILATOR - SOLER&PALAU: RCX11-06 W/ BACKDRAFT DAMPER	2	EA							
722				THERMOSTAT	97	EA							
723				ROUND DUCT TO RECTANGULAR TRANSITION	52	EA							
724				METAL DUCT TRANSITION	35	EA							
725				90 Deg ELBOW W/ TURNING VANES	19	EA							
726				TRAPEZE HANGER	124	EA							
727				(3") CLEAVIS HANGER	187	EA							
728				(3/4") THREADED ROD	622	EA							
729				FIG.165H-HEX NUTS	1244	EA							
730				FIG.103-WASHER-FLAT-ROUND	1244	EA							
				Galvanized sheet metal duct w/ Wrap equal to ownes coming fiberglass w/ FRK vapor barrier. Insulation shall be R-6 except on roof shall be R-8.									
731				(10"x10") METAL DUCT	352	SF							
732				(10"x8") METAL DUCT	675	SF							
733				(12"x10") METAL DUCT	20	SF							
734				(12"x12") METAL DUCT	35	SF							
735				(14"x10") METAL DUCT	865	SF							
736				(14"x12") METAL DUCT	25	SF							
737				(14"x14") METAL DUCT	96	SF							
738				(14"x8") METAL DUCT	15	SF							
739				(15"x10") METAL DUCT	30	SF							
740				(16"x10") METAL DUCT	65	SF							
741				(16"x12") METAL DUCT	495	SF							
742				(18"x10") METAL DUCT	325	SF							
743				(18"x16") METAL DUCT	55	SF							
744				(18"x18") METAL DUCT	30	SF							
745				(20"x12") METAL DUCT	185	SF							
746				(22"x16") METAL DUCT	35	SF							
747				(24"x10") METAL DUCT	315	SF							
748				(24"x12") METAL DUCT	95	SF							
749				(4"x10") METAL DUCT	25	SF							
750				(4"x8") METAL DUCT	45	SF							
751				(6"x10") METAL DUCT	275	SF							
752				(6"x12") METAL DUCT	25	SF							
753				(6"x8") METAL DUCT	695	SF							
754				(8"x12") METAL DUCT	310	SF							
755				(8"x8") METAL DUCT	365	SF							
756				ROUND DUCT									
757				(8"Dia) ROUND DUCT	460	SF							
758				(4"Dia) ROUND DUCT	735	SF							
				(6"Dia) ROUND DUCT	235	SF							
759				FLEXIBLE ROUND DUCT									
760				(4"Dia) FLEXIBLE ROUND DUCT	35	LF							
761				(6"Dia) FLEXIBLE ROUND DUCT	170	LF							
762				(8"Dia) FLEXIBLE ROUND DUCT	340	LF							
763				(10"Dia) FLEXIBLE ROUND DUCT	50	LF							
764				(12"Dia) FLEXIBLE ROUND DUCT	20	LF							
				(14"Dia) FLEXIBLE ROUND DUCT	70	LF							
				Subtotal									
			150000	DIVISION 15 - PLUMBING									
765				BT-1 - BRASS TONGUE DOWNSPOUT - ZURN: ZARB-Z199-3IP- PVC	19	EA							
766				DD-1 - DIRECT DRAW, SELF CONTAINED BAP (PERLICK: DDS60	1	EA							
767				FD-1 - FLOOR DRAIN - J.R SMITH 2005-A	10	EA							
768				FS-1 - SLOOR SINK - PROFLO PF906M	9	EA							
769				S-7 - 3-COMPARTMENT SINK - PERLICK: TS12BLW	1	EA							
770				S-6 - UNDERBAR SINK W/ 12" BENDER STATION (BAR) - PERLICK: TS12BLW	1	EA							
771				IC-1 - ICE CHEST (BAR) - PERLICK: TSD24IC	1	EA							
772				SG-1 - SODA GUN, POST MIX (BAR) - WUNDER-BAR: 12 BUTTON	1	EA							
773				BFR-1 - BIB FLAT RACK (BAR) - TAPRITE: 2-BFFJ (STACKED)	1	EA							
774				CO2-1 - 50LB CO2 TANK (BAR)	1	EA							
775				(6") CO - CLEANOUT	4	EA							
776				HB-1 - WALL HYDRANT - ZURN 1350-EZ	2	EA							
777				PRV - BACKFLOW PREVENTER	1	EA							
778				L-1 - LAVATORY - AMERICAN STANDARD 0614.000	98	EA							

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	LABOR			MATERIAL (PER UNIT)	EQUIPMENT (PER UNIT)	COMPOSITE RATE/UNIT	TOTAL COST
							Manhour / Unit	\$/HOUR	COST				
779				WC-2 - WATER CLOSET - TOTO CT708E	4	EA							
780				S-8 - BREAKDOWN SINK	1	EA							
781				DT-1 - DRAIN THROUGH - H-M COMPANY	1	EA							
782				ES-1 - EQUIPMENT STUB	3	EA							
783				EW-1 - EYE WASH STATION	1	EA							
784				S-1 - HAND SINK - ADVANCE/TABCO: 7-PS-80	1	EA							
785				S-2 - 3-COMP SINK - JUST MANUFACTURING: T-ADA-1949-A-GR	1	EA							
786				S-3 - MOP SINK - STERN-WILLIAMS: SB-902 & T-35 - W/ CHICAGO FAUCET: 897-CP	1	EA							
787				DF-1 - DRINKING FOUNTAIN - HAWS 1119.14	1	EA							
788				TS-1 - TUB/SHOWER COMBINATION - AMERICAN STANDARD 2391.202/TC & 2090.202/TC	45	EA							
789				WC-1 - WATER CLOSET - TOTO CST744SL#01-DRAKE TOILET	95	EA							
790				SH-1 - SHOWER PAN W/ HEAD	45	EA							
791				SH-2 - ROLL-IN SHOWER PAN W/ HEAD(ACCESS)	1	EA							
792				IM-2 - ICEMAKER (BAR)- ICE-O-MATIC: 1CEU150A	1	EA							
793				IM-1 - ICEMAKE - MANITOWOC: 0450 OR 0600 W/ QPA-310	4	EA							
794				U-1 - URINAL - TOTO UT104E	1	EA							
795				S-4 - LAUNDRY SINK - GRAINGER #5NFL8	1	EA							
796				S-5 - UTILITY SINK - GRIFFIN SERIES	1	EA							
797				WH-1 - WATER HEATER - AO SMITH: BTH-199 MXI, CYCLONE MXI MODULATING (100 GAL)	4	EA							
798				WS-1 - WATER SOFTNER - RHEEM	1	EA							
799				WF-1 - WATER FILTER - HOSHIZAKI AMERICA 9320-21 H	1	EA							
800				FS-2 - FLOOR SINK - JOSAM 49502	6	EA							
801				RD-1 - ROOF DRAIN -	22	EA							
802				TS-2 - TUB/SHOWER COMBINATION (ACCESSIBLE) - AMERICAN STANDARD 2391.202/TC & 2090.202/TC	4	EA							
803				2PSIG GAS METER	1	EA							
804				(2-1/2") CIRCULATOR PUMP	1	EA							
805				(1-1/4") BACKFLOW PREVENTER	1	EA							
806				(4") PRV VALVE	1	EA							
807				(4") MAIN SHUTT OFF VALVE	1	EA							
808				(1-1/2") SHUTT OFF VALVE	1	EA							
809				(3") SHUTT OFF VALVE	2	EA							
810				(24"x24"x36") SUMP BOX	1	EA							
811				(2") BACKWASH DRAIN W/ PEA TRAP	2	EA							
812				(4") COLD WATER MAIN SHUTOFF VALVE	1	EA							
813				(3") SHUTOFF VALVE	2	EA							
814				(3/4") HOSE BIBB	2	EA							
815				SIAMESE FIRE DEP CONNECTION	1	EA							
816				FIRE RISER	1	EA							
817				WCO - WALL CLEANOUT - MANUF: ZURN, MODEL: 1443	21	EA							
818				BALL VALVE	20	EA							
819				GATE VALVE	12	EA							
820				SHUTT OFF VALVE	319	EA							
				DOMESTIC WATER PIPING									
				COPPER TYPE "L"									
821				(1") COLD WATER PIPE	310	LF							
822				(1") HOT WATER PIPE	155	LF							
823				(1/2") COLD WATER PIPE	3310	LF							
824				(1/2") HOT WATER PIPE	2200	LF							
825				(1-1/2") COLD WATER PIPE	125	LF							
826				(1-1/2") HOT WATER PPE	75	LF							
827				(1-1/4") COLD WATER PIPE	165	LF							
828				(1-1/4") HOT WATER PIPE	110	LF							
829				(2") COLD WATER PPE	65	LF							
830				(2") HOT WATER PPE	85	LF							
831				(2-1/2") COLD WATER PIPE	115	LF							
832				(2-1/2") HOT WATER PIPE	225	LF							
833				(3") COLD WATER PIPE	145	LF							
834				(3/4") COLD WATER PIPE	1910	LF							
835				(3/4") HOT WATER PIPE	1650	LF							
836				(4") COLD WATER PIPE	25	LF							
837				(8") FIRE WATER LINE	25	LF							
				FITTINGS									
838				3/4" 45 ELBOW CxC	19	EA							
839				1" 45 ELBOW CxC	4	EA							
840				1/2" 90 ELBOW CxC	110	EA							
841				3/4" 90 ELBOW CxC	72	EA							
842				1" 90 ELBOW CxC	10	EA							
843				1-1/4" 90 ELBOW CxC	5	EA							
844				1-1/2" 90 ELBOW CxC	6	EA							
845				2" 90 ELBOW CxC	12	EA							
846				2-1/2" 90 ELBOW CxC	7	EA							
847				3" 90 ELBOW CxC	2	EA							
848				3/4" UNION CxC	16	EA							
849				1-1/2" UNION CxC	8	EA							
850				1-1/2" x3/4" x1-1/2" REDUCED TEE - 3X	9	EA							
851				2-1/2" x2" x3/4" REDUCED TEE - 3X	2	EA							
852				2-1/2" x2" x1-1/2" REDUCED TEE - 3X	3	EA							
853				1/2" TEE	165	EA							
854				3/4" TEE	106	EA							
855				1" TEE	45	EA							
856				1-1/4" TEE	15	EA							
857				1-1/2" TEE	27	EA							
858				2" TEE	19	EA							
859				2-1/2" TEE	2	EA							
860				3/4" x1/2" CONCENTRIC REDUCER-CxC	320	EA							
861				1" x3/4" CONCENTRIC REDUCER-CxC	127	EA							
862				1-1/4" x3/4" CONCENTRIC REDUCER-CxC	5	EA							
863				1-1/4" x1" CONCENTRIC REDUCER-CxC	2	EA							
864				1-1/2" x1" CONCENTRIC REDUCER-CxC	8	EA							
865				1-1/2" x1-1/4" CONCENTRIC REDUCER-CxC	1	EA							
866				2" x3/4" CONCENTRIC REDUCER-CxC	16	EA							
867				2" x1-1/2" CONCENTRIC REDUCER-CxC	5	EA							
868				1/2" CAPS	147	EA							
869				3/4" CAPS	35	EA							
870				1" CAPS	5	EA							
871				1-1/2" P-TRAP-SUC.LINE	204	EA							
872				1/2" COUPLING	406	EA							
873				3/4" COUPLING	194	EA							
874				1" COUPLING	46	EA							

EXCAVATION & BEDDING

DESCRIPTION	Length	Unit	Dia of pipe	Trench width	EXC DEPTH	EXCAVATION QTY	BEDDING DEPTH	BEDDING QTY	Pipe volume	NET BEDDING	BACK FILLING
WATER UTILITIES											
4",C900 PVC WATER LINE	196	LF	0.42	2.42	4.75	2254.44	1.25	594.32	27.14	567.18	1660.12
6",C900 PVC WATER LINE	384	LF	0.58	2.58	4.92	4876.04	1.42	1404.49	102.46	1302.03	3471.55
8",C900 PVC WATER LINE	178	LF	0.75	2.75	5.08	2488.13	1.58	774.88	78.60	696.28	1713.25
4", COPPER TYPE L WATER LINE	24	LF	0.42	2.42	4.75	276.05	1.25	72.77	3.32	69.45	203.28
8", COPPER TYPE L WATER LINE	40	LF	0.75	2.75	5.08	559.13	1.58	174.13	17.66	156.47	385.00
Total (CY)						387.18		111.87	8.49	103.39	275.30
SAN SEWRAGE											
6" PVC SAN-SEW PIPE	178	LF	0.58	2.58	4.92	2260.25	1.42	651.04	47.49	603.55	1609.21
Total (CY)						83.71		24.11	1.76	22.35	59.60
DRAINAGE											
15" DIA. CLASS 2 CONCRETE PIPE	402	LF	1.63	3.63	5.96	8682.30	2.46	3581.92	833.30	2748.62	5100.38
18" SD POLY PIPE	25	LF	1.67	3.67	6.00	550.78	2.50	229.65	54.73	174.92	321.13
Total (CY)						341.97		141.17	32.89	108.28	200.80

