

 Dynamic Estimation Inc. Website: https://dynamicestimation.net/ Email: info@dynamicestimation.net Phone: 859-515-2045					PROJECT ID: San Bernardino CO. Fire Station 227 New Build SCOPE: ALL TRADE				
ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
GENERAL REQUIREMENTS									
1		Supervision	1	LS	\$ -	\$ -	\$0	\$0	
2		Permits	1	LS	\$ -	\$ -	\$0	\$0	
3		Final Clean-up	1	LS	\$ -	\$ -	\$0	\$0	
4		Mobilization Costs	1	LS	\$ -	\$ -	\$0	\$0	
5		Project Overheads	1	LS	\$ -	\$ -	\$0	\$0	
6		Bonds	1	LS	\$ -	\$ -	\$0	\$0	
7		Temporary Control & Facilities	1	LS	\$ -	\$ -	\$0	\$0	
8		Scaffolding	1	LS	\$ -	\$ -	\$0	\$0	
		Subtotal (General Requirements)							\$0
DIVISION 03- CONCRETE									
Continuous Footing									
9	S1	(12" D x 15" W 338LF) Cont. Wall Footing Reinforced w/ 2-#5 Bars @ T&B W/ Curb	19	CY	\$ -	\$ -	\$0	\$0	
10	S1	(12" D x 15" W 384 LF) Cont. Wall Footing Reinforced w/ 2-#5 Bars @ T&B W/ Curb (Interior Bearing Wall)	22	CY	\$ -	\$ -	\$0	\$0	
11	S1	(12" D x 15" W 133 LF) Cont. Wall Footing Reinforced w/ 2-#5 Bars @ T&B W/ Curb (@ Openings)	8	CY	\$ -	\$ -	\$0	\$0	
12	S1	(12" D x 15" W 45 LF) Cont. Wall Footing Reinforced w/ 2-#5 Bars @ T&B W/ Curb (Interior Tie Beam Footing)	2.6	CY	\$ -	\$ -	\$0	\$0	
13	S1	(12" D x 15" W 25LF) Cont. Wall Footing Reinforced w/ 2-#5 Bars @ T&B W/ Curb (Exterior Tie Beam Footing)	1.3	CY	\$ -	\$ -	\$0	\$0	
14	S1	(12" D x 20" W 3LF) Cont. Wall Footing Reinforced w/ 2-#5 Bars @ T&B W/ Curb (@ Exterior Popout)	0.18	CY	\$ -	\$ -	\$0	\$0	
15	S1	(12" D x 20" W 45LF) Cont. Wall Footing Reinforced w/ Transverse Rebar # 5 @ 18 " T&B W/ 2-#5 Bars @ T&B W/ Curb (Widen Footing Exterior)	5	CY	\$ -	\$ -	\$0	\$0	
16	S1	(12" D x 20" W 76LF) Cont. Wall Footing Reinforced w/ Transverse Rebar # 5 @ 18 " T&B W/ 2-#5 Bars @ T&B W/ Curb (Widen Footing Exterior)	4.8	CY	\$ -	\$ -	\$0	\$0	
		Pad Footing			\$ -	\$ -	\$0	\$0	
17	S1	(36" D x 36" W x 12") Cont. Wall Footing Reinforced / 2-#5 Bars @ T&B	1.7	CY	\$ -	\$ -	\$0	\$0	
18	S1	(24" D x 24" W x 12") Cont. Wall Footing Reinforced / 2-#5 Bars @ T&B	0.15	CY	\$ -	\$ -	\$0	\$0	
		Concrete Slabs			\$ -	\$ -	\$0	\$0	
19	S1	6" Concrete Slab On Grade W/ #4 Bars @ 18" O.C.E.W Centered in Slab	4976.95	SF	\$ -	\$ -	\$0	\$0	
20	S1	4" Concrete Slab On Grade W/ #4 Bars @ 24" O.C.E.W Centered in Slab	415.21	SF	\$ -	\$ -	\$0	\$0	
21	S1	9" Concrete Slab On Grade W/#4 Bars @ 12" O.C.E.W Centered in Slab	5916.05	SF	\$ -	\$ -	\$0	\$0	
22	S1	4" Thick Concrete Slab On Grade W/ # 4 Bar @ 24" O.C.E.W	411.34	SF	\$ -	\$ -	\$0	\$0	
		Subtotal (Concrete)							\$0
DIVISION 04- MASONRY									
CMU Wall									
23	S5	8" Thick CMU Wall H=6'-2"	241.8	SF	\$ -	\$ -	\$0	\$0	
24	S5	8" Bond Beam	40	FT	\$ -	\$ -	\$0	\$0	
25	S5	8" Thick CMU Wall	210	SF	\$ -	\$ -	\$0	\$0	
26	S5	2" CMU Precision Cap	43	FT	\$ -	\$ -	\$0	\$0	
		Subtotal (Masonry)							\$0
DIVISION 05- METAL									
Metal Roof Deck									
27	S5, S6	Metal Roof Deck	500	SF	\$ -	\$ -	\$0	\$0	
Rim And Columns									
28	S5, S6	HHS 4X2X1/4" Rim	467	LBS	\$ -	\$ -	\$0	\$0	
29	S5, S6	HSS 4X4X1/4" Rim	578	LBS	\$ -	\$ -	\$0	\$0	
30	S5, S6	HSS 6X2X1/4" Rim	567	LBS	\$ -	\$ -	\$0	\$0	
31	S5, S6	HSS 6X4X1/4" Rim	665	LBS	\$ -	\$ -	\$0	\$0	
32	S5, S6	HSS 4X4X3/8" (12' Height Assumed)	586	LBS	\$ -	\$ -	\$0	\$0	
33	S5, S6	HSS 4X4X1/4" (12' Height Assumed)	586	LBS	\$ -	\$ -	\$0	\$0	
		Awning			\$ -	\$ -	\$0	\$0	
34	S1	HSS 8X3X1/8	990	LBS	\$ -	\$ -	\$0	\$0	
35	S1	HSS 8X2X1/8	588	LBS	\$ -	\$ -	\$0	\$0	
36	S1	HSS 4X2X1/8	1523	LBS	\$ -	\$ -	\$0	\$0	
37	S1	HSS 2x2x18 VERTICAL BRACE@ EA. HSS 8x3x18	78	LBS	\$ -	\$ -	\$0	\$0	
		Subtotal (Metal)							\$0
DIVISION 06- WOOD									
Posts									
38	S1-S6	(6x8) Wood Post (H=15')	1	EA	\$ -	\$ -	\$0	\$0	
39	S1-S6	(4x6) Wood Post (H=14')	37	EA	\$ -	\$ -	\$0	\$0	
40	S1-S6	(6x6) Wood Post (H=20')	5	EA	\$ -	\$ -	\$0	\$0	
41	S1-S6	(8x8) Wood Post (H=23')	8	EA	\$ -	\$ -	\$0	\$0	
		Joists			\$ -	\$ -	\$0	\$0	
		(2X8) Joists @ 24" O.C.			\$ -	\$ -	\$0	\$0	
42	S1-S6	Standard Joist	103.53	FT	\$ -	\$ -	\$0	\$0	
		(2X10) Joists @ 24" O.C.			\$ -	\$ -	\$0	\$0	
43	S1-S6	Standard Joist	645.1	FT	\$ -	\$ -	\$0	\$0	
		(2X6) Joists @ 24" O.C.			\$ -	\$ -	\$0	\$0	
44	S1-S6	Standard Joist	217.38	FT	\$ -	\$ -	\$0	\$0	

 Dynamic Estimation Inc. Website: https://dynamicestimation.net/ Email: info@dynamicestimation.net Phone: 859-515-2045				PROJECT ID: San Bernardino CO. Fire Station 227 New Build		SCOPE: ALL TRADE			
ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
	S1-56	14" Joist @ 24" O.C.			\$ -	\$ -	\$0	\$0	
45	S1-56	Standard Joist	1142.92	FT	\$ -	\$ -	\$0	\$0	
	S1-56	(2X8) Joists @ 24" O.C.			\$ -	\$ -	\$0	\$0	
46	S1-56	Standard Joist	1412.53	FT	\$ -	\$ -	\$0	\$0	
	S1-56	(2x8) Joists @ 24" O.C.			\$ -	\$ -	\$0	\$0	
47	S1-56	Standard Joist	852	FT	\$ -	\$ -	\$0	\$0	
	S1-56	14" I65 Joists @ 24" O.C.			\$ -	\$ -	\$0	\$0	
48	S1-56	Standard Joist	2562.67	FT	\$ -	\$ -	\$0	\$0	
	S1-56	(2X4) Ceiling Joist @ 24" O.C.			\$ -	\$ -	\$0	\$0	
49	S1-56	Standard Joist	3700	FT	\$ -	\$ -	\$0	\$0	
	S1-56	(2x4) Roof Rafters @ 24" O.C.			\$ -	\$ -	\$0	\$0	
50	S1-56	Standard Joist	255.75	FT	\$ -	\$ -	\$0	\$0	
	S1-56	Trusses			\$ -	\$ -	\$0	\$0	
51	S1-56	(40") Deep Manufactured Trussed	4142.64	SF	\$ -	\$ -	\$0	\$0	
		Sheathing			\$ -	\$ -	\$0	\$0	
52	S1-56	3/8" Shear Wall Sheathing	5191	SF	\$ -	\$ -	\$0	\$0	
53	S1-56	3/8" Exterior Wall Sheathing	10200	SF	\$ -	\$ -	\$0	\$0	
54	S1-56	7/16" Roof Sheathing	13155.7	SF	\$ -	\$ -	\$0	\$0	
	S1-56	Beams & Headers			\$ -	\$ -	\$0	\$0	
55	S1-56	(6x8) Wood Beam	5.99	FT	\$ -	\$ -	\$0	\$0	
56	S1-56	(2) (2x6) Wood Beam	70	FT	\$ -	\$ -	\$0	\$0	
57	S1-56	(2)(2x4) Wood Beam	19.22	FT	\$ -	\$ -	\$0	\$0	
58	S1-56	(4x6) Wood Beam	18.94	FT	\$ -	\$ -	\$0	\$0	
59	S1-56	(6x6) Wood Beam	82.91	FT	\$ -	\$ -	\$0	\$0	
60	S1-56	(6x8) Wood Beam	6.06	FT	\$ -	\$ -	\$0	\$0	
61	S1-56	(4x4) Wood Beam	5.73	FT	\$ -	\$ -	\$0	\$0	
62	S1-56	(4x6) Wood Beam	25	FT	\$ -	\$ -	\$0	\$0	
63	S1-56	(6x14) Wood Beam	50	FT	\$ -	\$ -	\$0	\$0	
64	S1-56	(6x10) Wood Beam	8.6	FT	\$ -	\$ -	\$0	\$0	
65	S1-56	(6x6) Wood Beam	25	FT	\$ -	\$ -	\$0	\$0	
66	S1-56	3 1/2" x 14" Redlam LVL Beam	55	FT	\$ -	\$ -	\$0	\$0	
67	S1-56	5 1/4" x 7 1/4" Redlam LVL Beam	21	FT	\$ -	\$ -	\$0	\$0	
68	S1-56	5 1/4" x18" Redlam LVL Beam	18.28	FT	\$ -	\$ -	\$0	\$0	
69	S1-56	5 1/4"x22" Redlam LVL Beam	25.42	FT	\$ -	\$ -	\$0	\$0	
70	S1-56	7" x9 1/2" Redlam Lvl Beam	90.36	FT	\$ -	\$ -	\$0	\$0	
	S1-56	Holdowns			\$ -	\$ -	\$0	\$0	
71	S1-56	(2) CMST12 Strap	130	FT	\$ -	\$ -	\$0	\$0	
72	S1-56	(2) Simpson H2.5 A Ties	100	EA	\$ -	\$ -	\$0	\$0	
73	S1-56	CMST12 Strap	70	FT	\$ -	\$ -	\$0	\$0	
74	S1-56	CMST14 Strap	180	FT	\$ -	\$ -	\$0	\$0	
75	S1-56	CMSTC16	94	FT	\$ -	\$ -	\$0	\$0	
76	S1-56	CS16	220	FT	\$ -	\$ -	\$0	\$0	
77	S1-56	HDU11	32	EA	\$ -	\$ -	\$0	\$0	
78	S1-56	HDU14	2	EA	\$ -	\$ -	\$0	\$0	
79	S1-56	HDU5	7	EA	\$ -	\$ -	\$0	\$0	
80	S1-56	HDU8	30	EA	\$ -	\$ -	\$0	\$0	
81	S1-56	HTT4	26	EA	\$ -	\$ -	\$0	\$0	
82	S1-56	SIMPSON DTT1Z	10	EA	\$ -	\$ -	\$0	\$0	
83	S1-56	Simpson H1	70	EA	\$ -	\$ -	\$0	\$0	
	S1-56	Sections			\$ -	\$ -	\$0	\$0	
84	S1-56	(2x14) Ledger	120	FT	\$ -	\$ -	\$0	\$0	
85	S1-56	(2X4) Nailer	100	FT	\$ -	\$ -	\$0	\$0	
86	S1-56	(2X6) Blocking	500	FT	\$ -	\$ -	\$0	\$0	
87	S1-56	(2X8) Blocking	500	FT	\$ -	\$ -	\$0	\$0	
88	S1-56	(2x8) Ledger	210	FT	\$ -	\$ -	\$0	\$0	
89	S1-56	(3X6) Blocking	160	FT	\$ -	\$ -	\$0	\$0	
90	S1-56	(4X4) Blocking	22	FT	\$ -	\$ -	\$0	\$0	
91	S1-56	1 1/2" Rim Board	200	FT	\$ -	\$ -	\$0	\$0	
92	S1-56	1 3/4" Rim Board	140	FT	\$ -	\$ -	\$0	\$0	
		Subtotal (Wood)							\$0
DIVISION 07- THERMAL & MOISTURE PROTECTION									
		Roofing							
93	A2.6	Standing Seam Metal Panel	13155.7	SF					
94	A2.6	Roofing Underlayment	13155.7	SF	\$ -	\$ -	\$0	\$0	
95	A2.6	1/2" Cover Board	13155.7	SF	\$ -	\$ -	\$0	\$0	
	A2.6	Gutters & Downbspouts			\$ -	\$ -	\$0	\$0	
96	A2.6	Gutters	339	FT	\$ -	\$ -	\$0	\$0	
97	A2.6	Downspout	165	FT	\$ -	\$ -	\$0	\$0	
	A2.6	Misc.			\$ -	\$ -	\$0	\$0	
98	A2.6	(2x10) Fascia	408.11	FT	\$ -	\$ -	\$0	\$0	
99	A2.6	Prefinished Metal Eave Trim	402.17	FT	\$ -	\$ -	\$0	\$0	
100	A2.6	J Mold.	573	FT	\$ -	\$ -	\$0	\$0	
101	A2.6	Aluminum Fascia	92	FT	\$ -	\$ -	\$0	\$0	
102	A2.6	Prefinished Metal Gable Trim	263.45	FT					
103	A2.6	Receiver Trim	263.45	FT					
104	A2.6	Vented Soffit	3000	SF	\$ -	\$ -	\$0	\$0	
		Exterior Finish			\$ -	\$ -	\$0	\$0	

 Dynamic Estimation Inc. Website: https://dynamicestimation.net/ Email: info@dynamicestimation.net Phone: 859-515-2045			PROJECT ID: San Bernardino CO. Fire Station 227 New Build SCOPE: ALL TRADE						
ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
105	A3.1, A3.2	CP-1 : Cement Plaster Wall - Field	6900	SF	\$ -	\$ -	\$0	\$0	
106	A3.1, A3.2	CP-2 : Cement Plaster Wall - Accent 1	1623.97	SF	\$ -	\$ -	\$0	\$0	
107	A3.1, A3.2	Stone Veneer : El Dorado - Cut Coarse Stone ICC - ES : ESR 1215	632.86	SF	\$ -	\$ -	\$0	\$0	
108	A3.1, A3.2	Stone Cap	61.27	FT	\$ -	\$ -	\$0	\$0	
		Subtotal (Thermal & Moisture Protection)							\$0
DIVISION 08- OPENING									
		Doors							
109	A2.3	(3'-0"x7'-0") Solid Door Type A	32	EA	\$ -	\$ -	\$0	\$0	
110	A2.3	(3'-0"x7'-0") Solid Door Type B	8	EA	\$ -	\$ -	\$0	\$0	
111	A2.3	(6'-0"x7'-0") Solid Door Type C	1	EA	\$ -	\$ -	\$0	\$0	
112	A2.3	(3'-0"x7'-0") Aluminum Door Type D	1	EA	\$ -	\$ -	\$0	\$0	
113	A2.3	(3'-0"x7'-0") Hollow Metal Type E	3	EA	\$ -	\$ -	\$0	\$0	
114	A2.3	(3'-0"x7'-0") Hollow Metal Type F	1	EA	\$ -	\$ -	\$0	\$0	
115	A2.3	(8'-0"x8'-0") Overhead Door Type G	7	EA	\$ -	\$ -	\$0	\$0	
116	A2.3	(3'-0"x7'-0") Metal Gate Type J	2	EA	\$ -	\$ -	\$0	\$0	
117	A2.3	24' Gate Opening W/ 27' Long Panel Motorized Sliding Gate (2" SQ. Tube Fram & Intermediate Tubes W/ 3/4" SQ X 0.83 Inch Infill Vertical Rails @ 4"O.C.)(Powder Coated Expanded Metal Safety Mesh)	1	EA	\$ -	\$ -	\$0	\$0	
	A2.3	Door Hardware			\$ -	\$ -	\$0	\$0	
118	A2.3	Door Hardware	55	EA	\$ -	\$ -	\$0	\$0	
119	A2.3	Robe Hooks	9	EA	\$ -	\$ -	\$0	\$0	
120	A2.3	Digital Keypad Lock	5	EA	\$ -	\$ -	\$0	\$0	
121	A2.3	(6x6) Exit Sign	6	EA	\$ -	\$ -	\$0	\$0	
122	A2.3	Door Closer	23	EA					
123	A2.3	Sign Stating "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDINF IS OCCUPIED"	5	EA					
124	A2.3	Panic Hardware	3	EA	\$ -	\$ -	\$0	\$0	
125	A2.3	Louver	2	EA	\$ -	\$ -	\$0	\$0	
126	A2.3	Kick Down Door Stop	5	EA					
	A2.3	Windows							
127	A2.3	(4'-0"x4'-0") Vinyl Slider Window Type A Dual Manual	9	EA	\$ -	\$ -	\$0	\$0	
128	A2.3	(4'-0"x4'-0") Vinyl Slider Window Type A Single Manual	1	EA	\$ -	\$ -	\$0	\$0	
129	A2.3	(4'-0"x3'-6") Vinyl Slider Window Type B Single Manual	1	EA	\$ -	\$ -	\$0	\$0	
130	A2.3	(2'-0"x2'-0") Vinyl Awning Window Type D Single Manual	6	EA	\$ -	\$ -	\$0	\$0	
131	A2.3	(2'-0"x2'-0") Vinyl Fixed Window Type E	13	EA	\$ -	\$ -	\$0	\$0	
132	A2.3	(18"x20") Louvers	3	EA					
133	A2.3	(2'-0"x2'-0") Vinyl Fixed Window Type E Single Motorized	2	EA	\$ -	\$ -	\$0	\$0	
134	A2.3	(9'-4"x7'-2") Aluminum Storefront Type F	1	EA	\$ -	\$ -	\$0	\$0	
135	A2.3	(2'-6"x1'-6") Vinyl Awning Window Type G	2	EA	\$ -	\$ -	\$0	\$0	
		Subtotal (Opening)							\$0
DIVISION 09- FINISHES									
		Walls							
136		(2x6) Exterior Wall H=12'6"	105.14	FT	\$ -	\$ -	\$0	\$0	
137	A2.2	1 Layer Of 5/8" Thick Type X Gyp Board one Side	1314.25	SF	\$ -	\$ -	\$0	\$0	
138	A2.2	R-21 Batt Insulation	1314.25	SF	\$ -	\$ -	\$0	\$0	
139	A2.2	2x6 Wood Stud @ 16" O.C	1012.5	FT	\$ -	\$ -	\$0	\$0	
140	A2.2	2x6 Top & Bottom Plates	315.42	FT	\$ -	\$ -	\$0	\$0	
141	A2.2	(2x6) Exterior Wall H=5'-4"	105.14	FT	\$ -	\$ -	\$0	\$0	
142	A2.2	1 Layer Of 5/8" Thick Type X Gyp Board one Side	560.3962	SF	\$ -	\$ -	\$0	\$0	
143	A2.2	R-21 Batt Insulation	560.3962	SF	\$ -	\$ -	\$0	\$0	
144	A2.2	2x6 Wood Stud @ 16" O.C	431.73	FT	\$ -	\$ -	\$0	\$0	
145	A2.2	2x6 Top & Bottom Plates	315.42	FT	\$ -	\$ -	\$0	\$0	
146	A2.2	(2x6) Exterior Wall H=15'	79.49	FT	\$ -	\$ -	\$0	\$0	
147	A2.2	1 Layer Of 5/8" Thick Type X Gyp Board one Side	1192.35	SF	\$ -	\$ -	\$0	\$0	
148	A2.2	R-21 Batt Insulation	1192.35	SF	\$ -	\$ -	\$0	\$0	
149	A2.2	2x6 Wood Stud @ 16" O.C	4880	FT	\$ -	\$ -	\$0	\$0	
150	A2.2	2x6 Top & Bottom Plates	240	FT	\$ -	\$ -	\$0	\$0	
151	A2.2	(2X8) Exterior Wall H=23'6"	137.54	FT					
152	A2.2	1 Layer Of 5/8" Thick Type X Gyp Board one Side	3232.19	SF	\$ -	\$ -	\$0	\$0	
153	A2.2	R-21 Batt Insulation	3232.19	SF					
154	A2.2	2x8 Wood Stud @ 16" O.C	2467.5	FT					
155	A2.2	2x8 Top & Bottom Plates	412.62	FT	\$ -	\$ -	\$0	\$0	
156	A2.2	(2X8) Exterior Wall H=10'	165.49	FT					
157	A2.2	1 Layer Of 5/8" Thick Type X Gyp Board one Side	1654.9	SF	\$ -	\$ -	\$0	\$0	
158	A2.2	R-21 Batt Insulation	1654.9	SF	\$ -	\$ -	\$0	\$0	
159	A2.2	2x8 Wood Stud @ 16" O.C	1260	FT	\$ -	\$ -	\$0	\$0	
160	A2.2	2x8 Top & Bottom Plates	496.47	FT	\$ -	\$ -	\$0	\$0	
161	A2.2	(2X6) Exterior Wall H=18'	116.57	FT	\$ -	\$ -	\$0	\$0	
162	A2.2	1 Layer Of 5/8" Thick Type X Gyp Board one Side	2098.26	SF					
163	A2.2	R-21 Batt Insulation	2098.26	SF					
164	A2.2	2x6 Wood Stud @ 16" O.C	1602	FT	\$ -	\$ -	\$0	\$0	
165	A2.2	2x6 Top & Bottom Plates	349.71	FT					
166	A2.2	(2x4) Interior Stud Wall @ 16" O.C. (H=11'-6")	167.15	FT	\$ -	\$ -	\$0	\$0	
167	A2.2	Layer Of 5/8" Thick Type X Gyp Board one Side	3844.45	SF					
168	A2.2	R-21 Batt Insulation	1922.225	SF					
169	A2.2	2x4 Wood Stud @ 16" O.C	1460.5	FT	\$ -	\$ -	\$0	\$0	

 Dynamic Estimation Inc. Website: https://dynamicestimation.net/ Email: info@dynamicestimation.net Phone: 859-515-2045					PROJECT ID: San Bernardino CO. Fire Station 227 New Build SCOPE: ALL TRADE				
ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
170	A2.2	2x4 Top & Bottom Plates	501.45	FT					
171	A2.2	(2x6) Wood Studs @ 16" O.C. (H=11'-6")	180.88	FT					
172	A2.2	Layer Of 5/8" Thick Type X Gyp Board one Side	4160.24	SF	\$ -	\$ -	\$0	\$0	
173	A2.2	R-21 Batt Insulation	2080.12	SF	\$ -	\$ -	\$0	\$0	
174	A2.2	2x6 Wood Stud @ 16" O.C	1575.5	FT	\$ -	\$ -	\$0	\$0	
175	A2.2	2x6 Top & Bottom Plates	542.64	FT	\$ -	\$ -	\$0	\$0	
176	A2.2	(2x8) Wood Studs @ 16" O.C. (H=18')	70.59	FT	\$ -	\$ -	\$0	\$0	
177	A2.2	Layer Of 5/8" Thick Type X Gyp Board one Side	2541.24	SF					
178	A2.2	R-21 Batt Insulation	1270.62	SF	\$ -	\$ -	\$0	\$0	
179	A2.2	2x8 Wood Stud @ 16" O.C	990	FT	\$ -	\$ -	\$0	\$0	
180	A2.2	2x8 Top & Bottom Plates	211.77	FT	\$ -	\$ -	\$0	\$0	
181	A2.2	(2x4) Interior Wall @ 16" O.C. H=4'-0"	133.96	FT	\$ -	\$ -	\$0	\$0	
182	A2.2	Layer Of 5/8" Thick Type X Gyp Board one Side	1071.68	SF					
183	A2.2	R-21 Batt Insulation	535.84	SF					
184	A2.2	2x4 Wood Stud @ 16" O.C	408	FT	\$ -	\$ -	\$0	\$0	
185	A2.2	2x4 Top & Bottom Plates	401.88	FT	\$ -	\$ -	\$0	\$0	
		Finish Floor Plan			\$ -	\$ -	\$0	\$0	
186	A2.7	F1 : Ceramic Tile Over Full Red Mortar	478.35	SF	\$ -	\$ -	\$0	\$0	
187	A2.7	F2 : Carpet Tiles	1894.55	SF	\$ -	\$ -	\$0	\$0	
188	A2.7	F3 : Resilient Athletic Flooring	586.91	SF	\$ -	\$ -	\$0	\$0	
189	A2.7	F4 : Luxury Vinyl Tile	1803.09	SF	\$ -	\$ -	\$0	\$0	
190	A2.7	F5 : Exposed Concrete Medium Broom	554.12	SF					
191	A2.7	F6 : Exposed Concrete, Smooth Trowel Finish (Sealed)	5670	SF	\$ -	\$ -	\$0	\$0	
	A2.7	Wall Base			\$ -	\$ -	\$0	\$0	
192	A2.7	B1 : Top Set Base	1156.14	FT	\$ -	\$ -	\$0	\$0	
193	A2.7	B2 : Ceramic Tile , Coved	203.71	FT	\$ -	\$ -	\$0	\$0	
194	A2.7	B3 : 6" Conc. Base W/ Sealer	293.59	FT	\$ -	\$ -	\$0	\$0	
195	A2.7	B1/B3: 6" Conc. Base W/ Sealer / Ceramic Tile , Coved	280.1	FT	\$ -	\$ -	\$0	\$0	
		Wall Finishes			\$ -	\$ -	\$0	\$0	
196	A4.1-A5.2	Sanitary Wall Panels	2246.11	SF	\$ -	\$ -	\$0	\$0	
197	A4.1-A5.2	Paint	17000	SF	\$ -	\$ -	\$0	\$0	
198	A4.1-A5.2	Sloped Gypsum Board Soffit Paint	319.15	SF					
199	A4.1-A5.2	Ceramic Tile Back Splash	1424.57	SF					
200	A4.1-A5.2	Fiberglass Wall Panel'	408.42	SF	\$ -	\$ -	\$0	\$0	
201	A4.1-A5.2	Plastic Panels	34.43	SF	\$ -	\$ -	\$0	\$0	
202	A4.1-A5.2	Sanitary Wall Panel	2450.63	SF	\$ -	\$ -	\$0	\$0	
203	A4.1-A5.2	Ceiling Paint	13000	SF	\$ -	\$ -	\$0	\$0	
204	A4.1-A5.2	Door Paint	3000	SF					
205		Door & Windows Trim	700	FT					
	A4.1-A5.2	Ceiling							
206	A4.1-A5.2	Gypsum Board Ceiling	2518.4	SF	\$ -	\$ -	\$0	\$0	
207	A4.1-A5.2	1/2 Hour Rated Gypsum Board Ceiling	1186.69	SF	\$ -	\$ -	\$0	\$0	
208	A4.1-A5.2	Cement Plaster	1404.98	SF	\$ -	\$ -	\$0	\$0	
209	A4.1-A5.2	Paint @ Trusses	4357.05	SF	\$ -	\$ -	\$0	\$0	
210	A4.1-A5.2	Exposed Insulation On Ceiling	4384.33	SF	\$ -	\$ -	\$0	\$0	
211	A4.1-A5.2	Gypsum Board Soffit Over 2x Framing @ 24" O.C	267.89	SF	\$ -	\$ -	\$0	\$0	
212	A4.1-A5.2	Acoustical Ceiling System (Painted)	2357.02	SF	\$ -	\$ -	\$0	\$0	
		Subtotal (Finishes)							\$0
DIVISION 10- SPECIALITIES									
		Misc.			\$ -	\$ -	\$0	\$0	
213	A5.1,A5.2	Quartz Countertop 2' Wide	110.5	SF	\$ -	\$ -	\$0	\$0	
214	A5.1,A5.2	Plastic Laminate Countertop	7.88	FT	\$ -	\$ -	\$0	\$0	
215	A5.1,A5.2	Countertop	157.17	SF	\$ -	\$ -	\$0	\$0	
216	A5.1,A5.2	Plastic Lockers	28	EA	\$ -	\$ -	\$0	\$0	
217	A5.1,A5.2	PVC Corner Guards H=22'	286	FT	\$ -	\$ -	\$0	\$0	
218	A5.1,A5.2	Lockers W/ Hardwares	27	EA	\$ -	\$ -	\$0	\$0	
219	A5.1,A5.2	Corner Guards Stainless Steel (H=20')	140	FT	\$ -	\$ -	\$0	\$0	
220	A5.1,A5.2	Knox Box	1	EA	\$ -	\$ -	\$0	\$0	
221	A5.1,A5.2	Video Door Bell	1	EA	\$ -	\$ -	\$0	\$0	
222	A5.1,A5.2	Fire Extinguisher	1	EA	\$ -	\$ -	\$0	\$0	
223	A5.1,A5.2	Work Bench	14.15	FT	\$ -	\$ -	\$0	\$0	
224	A5.1,A5.2	(3') Wide Glass Shower (H=7')	22.18	FT	\$ -	\$ -	\$0	\$0	
225	A5.1,A5.2	Toilet Accessories	1	EA	\$ -	\$ -	\$0	\$0	
226	A5.1,A5.2	Mirror	6	EA	\$ -	\$ -	\$0	\$0	
227	A5.1,A5.2	Toilet Paper Dispenser	6	EA	\$ -	\$ -	\$0	\$0	
228	A5.1,A5.2	Robe Hook	21	EA	\$ -	\$ -	\$0	\$0	
229	A5.1,A5.2	Toilet Bar	10	EA	\$ -	\$ -	\$0	\$0	
230	A5.1,A5.2	Soap Dispenser	8	EA	\$ -	\$ -	\$0	\$0	
231	A5.1,A5.2	36" Grab Bar	1	EA	\$ -	\$ -	\$0	\$0	
232	A5.1,A5.2	48" Grab Bar	1	EA	\$ -	\$ -	\$0	\$0	
233	A5.1,A5.2	Paper Towel Dispenser	6	EA	\$ -	\$ -	\$0	\$0	
234	A5.1,A5.2	Folding Shower Seat	8	EA	\$ -	\$ -	\$0	\$0	
235	A5.1,A5.2	Seat Cover Dispenser	1	EA	\$ -	\$ -	\$0	\$0	
	A5.1,A5.2	Interior Signage			\$ -	\$ -	\$0	\$0	
236	A5.1,A5.2	Tactile Exit Sign	2	EA	\$ -	\$ -	\$0	\$0	
237	A5.1,A5.2	(8"x5") Room identification Sign	33	EA	\$ -	\$ -	\$0	\$0	



Dynamic Estimation Inc.

Website: <https://dynamicestimation.net/>

Email: info@dynamicestimation.net

Phone: 859-515-2045

PROJECT ID:

San Bernardino CO. Fire Station 227 New Build

SCOPE:

ALL TRADE

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
238	A5.1,A5.2	Exterior Signage	1	EA	\$ -	\$ -	\$0	\$0	
239	A5.1,A5.2	(24") High Cast Letter "227"	1	EA	\$ -	\$ -	\$0	\$0	
240	A5.1,A5.2	12" High Cast Letters "FIRE STATION":	1	EA	\$ -	\$ -	\$0	\$0	
241	A5.1,A5.2	12" High Cast Letters "1920":	1	EA	\$ -	\$ -	\$0	\$0	
242	A5.1,A5.2	Fire Protection District Sign (See 17/A6.2) For Details	1	EA	\$ -	\$ -	\$0	\$0	
		Subtotal (Specialities)							\$0
DIVISION 11- APPLIANCES									
243	A2.2	1000 Gallon Fuel Tank	1	EA	\$ -	\$ -	\$0	\$0	
244	A2.2	Ceiling Fan	13	EA	\$ -	\$ -	\$0	\$0	
245	A2.2	Large Ceiling Fan	2	EA	\$ -	\$ -	\$0	\$0	
246	A2.2	SCBA Compressor	1	EA	\$ -	\$ -	\$0	\$0	
247	A2.2	Decon Wash Station	1	EA	\$ -	\$ -	\$0	\$0	
248	A2.2	Commercial Ice Machine/ Bin	1	EA	\$ -	\$ -	\$0	\$0	
249	A2.2	Countertop R.O. Water Dispenser	1	EA	\$ -	\$ -	\$0	\$0	
250	A2.2	R.O. Water System Undercounter	1	EA	\$ -	\$ -	\$0	\$0	
251	A2.2	Microwave	2	EA	\$ -	\$ -	\$0	\$0	
252	A2.2	Range & Hood	2	EA	\$ -	\$ -	\$0	\$0	
253	A2.2	Coffee Maker	1	EA	\$ -	\$ -	\$0	\$0	
		Subtotal (Appliances)							\$0
DIVISION 12- FURNISHING									
		Millwork							
254	A5.1,A5.2	(3'-0") High Plastic Cabinet W/ Adjustable Shelves	56.48	FT	\$ -	\$ -	\$0	\$0	
255	A5.1,A5.2	(2'-6") High Plastic Cabinet W/ Adjustable Shelves	15.75	FT	\$ -	\$ -	\$0	\$0	
256	A5.1,A5.2	(3'-6") Upper Cabints	12.01	FT	\$ -	\$ -	\$0	\$0	
257	A5.1,A5.2	(2'-4") High Plastic Cabinet W/ Adjustable Shelves	17.64	FT	\$ -	\$ -	\$0	\$0	
258	A5.1,A5.2	(7'-0") High Plastic Cabinet W/ Adjustable Shelves	28.09	FT	\$ -	\$ -	\$0	\$0	
		Subtotal (Furnishing)							\$0
DIVISION 22- PLUMBING									
		Site Plan							
259	P1-P5.1	Water Meter	1	EA	\$ -	\$ -	\$0	\$0	
260	P1-P5.1	2" Backflow Perventer	2	EA	\$ -	\$ -	\$0	\$0	
261	P1-P5.1	Cold Water Pipe	142	LF	\$ -	\$ -	\$0	\$0	
262	P1-P5.1	24" Dia Sampling Port	1	EA	\$ -	\$ -	\$0	\$0	
263	P1-P5.1	(2" Dia) Vent Below Grade	70	LF	\$ -	\$ -	\$0	\$0	
264	P1-P5.1	"So-1" Sand Oil Interceptor As; Manuf: Jansen Pre-Cast	1	EA	\$ -	\$ -	\$0	\$0	
265	P1-P5.1	(4" Dia) Sewer Line	22	LF	\$ -	\$ -	\$0	\$0	
266	P1-P5.1	Gas Meter	1	EA	\$ -	\$ -	\$0	\$0	
267	P1-P5.1	"Hb-2" Hose Bib	1	EA	\$ -	\$ -	\$0	\$0	
268	P1-P5.1	(1" Dia) Cold Water Pipe	107	LF	\$ -	\$ -	\$0	\$0	
269	P1-P5.1	Elbow Cold Water Pipe	2	EA	\$ -	\$ -	\$0	\$0	
	P1-P5.1				\$ -	\$ -	\$0	\$0	
	P1-P5.1	Sewer,Vent & Storm			\$ -	\$ -	\$0	\$0	
270	P1-P5.1	(1-1/2" Dia) Vent Pipe	102	LF	\$ -	\$ -	\$0	\$0	
271	P1-P5.1	(2" Dia) Sewer Pipe	80	LF	\$ -	\$ -	\$0	\$0	
272	P1-P5.1	(2" Dia) Vent Pipe	627	LF	\$ -	\$ -	\$0	\$0	
273	P1-P5.1	(3" Dia) Vent Pipe	28	LF	\$ -	\$ -	\$0	\$0	
274	P1-P5.1	(3" Dia) Sewer Pipe	86	LF	\$ -	\$ -	\$0	\$0	
275	P1-P5.1	(4" Dia) Sewer Pipe	484	LF	\$ -	\$ -	\$0	\$0	
276	P1-P5.1	1" Condensate Drain Pipe	262	LF	\$ -	\$ -	\$0	\$0	
277	P1-P5.1	(2" Dia) Vent Trough Roof	10	EA	\$ -	\$ -	\$0	\$0	
278	P1-P5.1	Allowance For Elbows And Tees For Sewer And Vent Pipes	1	LS	\$ -	\$ -	\$0	\$0	
	P1-P5.1				\$ -	\$ -	\$0	\$0	
	P1-P5.1	Fixture			\$ -	\$ -	\$0	\$0	
279	P1-P5.1	"Shd-1" Shower Drain	7	EA	\$ -	\$ -	\$0	\$0	
280	P1-P5.1	"Sh-1" Shower Manuf: Delta Arvo	7	EA	\$ -	\$ -	\$0	\$0	
281	P1-P5.1	"Wc-1" Water Closet (Tank Type) As; Manuf: American Standard "Cadet Pro"	6	EA	\$ -	\$ -	\$0	\$0	
282	P1-P5.1	"Lav-2" Lavatory (Countertop, Ada) As; Manuf: Aqualyn	5	EA	\$ -	\$ -	\$0	\$0	
283	P1-P5.1	"Wco" Wall Clean Out	23	EA	\$ -	\$ -	\$0	\$0	
284	P1-P5.1	"Lav-1" Lavatory (Wall Mount,Ada) As; Manuf: Lucerne	2	EA	\$ -	\$ -	\$0	\$0	
285	P1-P5.1	"Wc-2" Water Closet (Tank Type, Ada) As; Manuf: Cadet Right Height	1	EA	\$ -	\$ -	\$0	\$0	
286	P1-P5.1	"Ls-1" Laundry Service Sink As; Manuf: Elky Lustertone	1	EA	\$ -	\$ -	\$0	\$0	
287	P1-P5.1	"Fd-1" Floor Drain As; Manuf: Zurn	6	EA	\$ -	\$ -	\$0	\$0	
288	P1-P5.1	"Wb-1" Clothes Washer Supply Box As; Manuf: Guy Gray	2	EA	\$ -	\$ -	\$0	\$0	
289	P1-P5.1	Floor Drain	2	EA	\$ -	\$ -	\$0	\$0	
290	P1-P5.1	Grade Clean Out	2	EA	\$ -	\$ -	\$0	\$0	
291	P1-P5.1	"Fco" Floor Clean Out	3	EA	\$ -	\$ -	\$0	\$0	

 Dynamic Estimation Inc. Website: https://dynamicestimation.net/ Email: info@dynamicestimation.net Phone: 859-515-2045					PROJECT ID: San Bernardino CO. Fire Station 227 New Build SCOPE: ALL TRADE				
ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
292	P1-P5.1	"Ks-1" Kitchen Sink As; Manuf: #Slada-2133-A65-J	1	EA	\$ -	\$ -	\$0	\$0	
293	P1-P5.1	"Fs-1" Floor Sink As; Manuf: Zurn	3	EA	\$ -	\$ -	\$0	\$0	
294	P1-P5.1	"Fs-2" Floor Sink As; Manuf: Zurn	1	EA	\$ -	\$ -	\$0	\$0	
295	P1-P5.1	"Hd-1" Fire Riser Hub Drain As; Manuf: Proflo	1	EA	\$ -	\$ -	\$0	\$0	
296	P1-P5.1	"Ms-1" Mop Sink As; Manuf: Florwell	1	EA	\$ -	\$ -	\$0	\$0	
297	P1-P5.1	"Ur-1" Urinal Ada Compliant As; Manuf:Pintbrook	1	EA	\$ -	\$ -	\$0	\$0	
298	P1-P5.1	"Ad-1" Area Drain As; Manuf: Zurn	12	EA	\$ -	\$ -	\$0	\$0	
299	P1-P5.1	Union	15	EA	\$ -	\$ -	\$0	\$0	
300	P1-P5.1	Thermometer A.S.M.E Approved	2	EA	\$ -	\$ -	\$0	\$0	
301	P1-P5.1	Aquastat	1	EA	\$ -	\$ -	\$0	\$0	
302	P1-P5.1	Balancing Valve	5	EA	\$ -	\$ -	\$0	\$0	
303	P1-P5.1	Pressure And Temperature Relief Valve	1	EA	\$ -	\$ -	\$0	\$0	
304	P1-P5.1	Tempering Valve Set	1	EA	\$ -	\$ -	\$0	\$0	
305	P1-P5.1	Pressure Relief Valve	2	EA	\$ -	\$ -	\$0	\$0	
306	P1-P5.1	Pressure Regulator	1	EA	\$ -	\$ -	\$0	\$0	
307	P1-P5.1	Air Cock	2	EA	\$ -	\$ -	\$0	\$0	
308	P1-P5.1	Oil Filter	1	EA	\$ -	\$ -	\$0	\$0	
309	P1-P5.1	Shutoff Valve	2	EA	\$ -	\$ -	\$0	\$0	
310	P1-P5.1	Refrigerated Air Dryer	1	EA	\$ -	\$ -	\$0	\$0	
311	P1-P5.1	Water Hammer Arrestor	5	EA	\$ -	\$ -	\$0	\$0	
312	P1-P5.1	Hose Bib	1	EA	\$ -	\$ -	\$0	\$0	
313	P1-P5.1	"Im-1" Ice Maker Supply Box As; Manuf: Guy Gray	1	EA	\$ -	\$ -	\$0	\$0	
314	P1-P5.1	"Hb-1" Hose Bib As; Manuf: Zurn	7	EA	\$ -	\$ -	\$0	\$0	
315	P1-P5.1	"Fd-2" Funnel Drain As; Manuf: Zurn	1	EA	\$ -	\$ -	\$0	\$0	
	P1-P5.1				\$ -	\$ -	\$0	\$0	
	P1-P5.1	Equipments			\$ -	\$ -	\$0	\$0	
316	P1-P5.1	"Gd-1" Garbage Disposal As; Manuf: Badger	1	EA	\$ -	\$ -	\$0	\$0	
317	P1-P5.1	"Wh-1" Gas Fired Water Heater As; Manuf: Ao Smith Bth-500A Mxi	1	EA	\$ -	\$ -	\$0	\$0	
318	P1-P5.1	"Sc-1" Scba Washer As; Manuf: Decon	1	EA	\$ -	\$ -	\$0	\$0	
319	P1-P5.1	"Ac-1" Air Compressor As; Manuf: Ingersol - Rand	1	EA	\$ -	\$ -	\$0	\$0	
320	P1-P5.1	"W-1" Washer (Detail Not Given)	1	EA	\$ -	\$ -	\$0	\$0	
321	P1-P5.1	"Ex-1" Extractor As; Manuf: Decon	1	EA	\$ -	\$ -	\$0	\$0	
322	P1-P5.1	"Agv-1" Automatic Gas Shut Off Valve As; Manuf: Asco	1	EA	\$ -	\$ -	\$0	\$0	
323	P1-P5.1	"Dw-1" Dishwasher	2	EA	\$ -	\$ -	\$0	\$0	
324	P1-P5.1	"Tp-1" Trap Primer As; Manuf: Mifab	13	EA	\$ -	\$ -	\$0	\$0	
325	P1-P5.1	"Bfp-1" Backflow Preventer As; Manuf: Watts	2	EA	\$ -	\$ -	\$0	\$0	
326	P1-P5.1	"Di-1" Water Dispenser As; Manuf: Culligan	1	EA	\$ -	\$ -	\$0	\$0	
327	P1-P5.1	"Ro-1" Reverse Osmosis Water Filtration System As; Manuf: Culligan	1	EA	\$ -	\$ -	\$0	\$0	
328	P1-P5.1	"Tmv-2" Thermostatic Mxing Valve As; Manuf: Watts	6	EA	\$ -	\$ -	\$0	\$0	
329	P1-P5.1	"Prv-1" Pressure Regulator Valve As; Manuf: Zurn Wilkins	1	EA	\$ -	\$ -	\$0	\$0	
330	P1-P5.1	Check Valve	3	EA	\$ -	\$ -	\$0	\$0	
331	P1-P5.1	(3/4" Dia) Compressed Air Pipe	98	LF	\$ -	\$ -	\$0	\$0	
332	P1-P5.1	"Tmv-1" Thermostatic Mixing Valve As; Manuf: Watts	1	EA	\$ -	\$ -	\$0	\$0	
333	P1-P5.1	"Tmv-3" Thermostatic Mixing Valve As; Manuf: Watts	1	EA	\$ -	\$ -	\$0	\$0	
334	P1-P5.1	"Cp-1" Hot Water Circulation Pump As; Manuf: Taco	1	EA	\$ -	\$ -	\$0	\$0	
335	P1-P5.1	"Et-1" Expasion Tank As; Manuf: Amtrol	1	EA	\$ -	\$ -	\$0	\$0	
336	P1-P5.1	"Cav-1" Compressed Air Valve As; Manuf: Nibco	1	EA	\$ -	\$ -	\$0	\$0	
337	P1-P5.1	Drain Extractor	1	EA	\$ -	\$ -	\$0	\$0	
338	P1-P5.1	(1-1/4" Dia) Indirect Waste	6	LF	\$ -	\$ -	\$0	\$0	
	P1-P5.1				\$ -	\$ -	\$0	\$0	
	P1-P5.1	Domestic Water & Gas			\$ -	\$ -	\$0	\$0	
339	P1-P5.1	(3/4" Dia) Gas Pipe	52	LF	\$ -	\$ -	\$0	\$0	

 Dynamic Estimation Inc. Website: https://dynamicestimation.net/ Email: info@dynamicestimation.net Phone: 859-515-2045			PROJECT ID: San Bernardino CO. Fire Station 227 New Build SCOPE: ALL TRADE						
ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
340	P1-P5.1	Gas Cook	12	EA	\$ -	\$ -	\$0	\$0	
341	P1-P5.1	(1" Dia) Gas Pipe	25	LF	\$ -	\$ -	\$0	\$0	
342	P1-P5.1	(1-1/2" Dia) Gas Pipe	93	LF	\$ -	\$ -	\$0	\$0	
343	P1-P5.1	(2" Dia) Gas Pipe	44	LF	\$ -	\$ -	\$0	\$0	
344	P1-P5.1	(2-1/2" Dia) Gas Pipe	39	LF	\$ -	\$ -	\$0	\$0	
345	P1-P5.1	(3" Dia) Gas Pipe	129	LF	\$ -	\$ -	\$0	\$0	
346	P1-P5.1	(1" Dia) Cold Water Pipe	253	LF	\$ -	\$ -	\$0	\$0	
347	P1-P5.1	(1" Dia) Hot Water Pipe	174	LF	\$ -	\$ -	\$0	\$0	
348	P1-P5.1	(1" Dia) Hot Water Return Pipe	179	LF	\$ -	\$ -	\$0	\$0	
349	P1-P5.1	(1-1/2" Dia) Cold Water Pipe	133	LF	\$ -	\$ -	\$0	\$0	
350	P1-P5.1	(1-1/2" Dia) Hot Water Pipe	156	LF	\$ -	\$ -	\$0	\$0	
351	P1-P5.1	(1-1/4" Dia) Cold Water Pipe	22	LF	\$ -	\$ -	\$0	\$0	
352	P1-P5.1	(1-1/4" Dia) Hot Water Pipe	103	LF	\$ -	\$ -	\$0	\$0	
353	P1-P5.1	(2" Dia) Cold Water Pipe	56	LF	\$ -	\$ -	\$0	\$0	
354	P1-P5.1	(3/4" Dia) Cold Water Pipe	663	LF	\$ -	\$ -	\$0	\$0	
355	P1-P5.1	(3/4" Dia) Hot Water Pipe	221	LF	\$ -	\$ -	\$0	\$0	
356	P1-P5.1	(3/4" Dia) Hot Water Return Pipe	17	LF	\$ -	\$ -	\$0	\$0	
357	P1-P5.1	Allowance For Elbows And Tees For Domestic Water & Gas Pipes	1	LS	\$ -	\$ -	\$0	\$0	
		Subtotal (Plumbing)							\$0
DIVISION 23- HVAC									
		Ducts							
358	M1-M5.3	(6" Dia) Flexible Duct	49	LF	\$ -	\$ -	\$0	\$0	
359	M1-M5.3	(8" Dia) Flexible Duct	287	LF	\$ -	\$ -	\$0	\$0	
360	M1-M5.3	(10" Dia) Flexible Duct	240	LF	\$ -	\$ -	\$0	\$0	
361	M1-M5.3	(10" Dia) Outside Air Flexible Duct	29	LF	\$ -	\$ -	\$0	\$0	
362	M1-M5.3	(12" Dia) Flexible Duct	90	LF	\$ -	\$ -	\$0	\$0	
363	M1-M5.3	(12" Dia) Vehicle Exhaust Flexible Duct	7	LF	\$ -	\$ -	\$0	\$0	
364	M1-M5.3	(14" Dia) Flexible Duct	184	LF	\$ -	\$ -	\$0	\$0	
365	M1-M5.3	(7" Dia) Vehicle Exhaust Duct W/ Mounting As; -Gal. Steel Strut (12 Ga) @ 12' O.C -3/8" Twirl Nut -3/8" Flat And Lock Washer -3/8" Square Washer -3/8" Nut -3/8" Rod	257	LF	\$ -	\$ -	\$0	\$0	
366	M1-M5.3	(18X18) Rectangular Duct	3	LF	\$ -	\$ -	\$0	\$0	
367	M1-M5.3	(18X18) Rectangular Duct	14	LF	\$ -	\$ -	\$0	\$0	
368	M1-M5.3	(3" Dia) Combustion Air & Flue Pipe Up	98	LF	\$ -	\$ -	\$0	\$0	
369	M1-M5.3	Refrigerating Pipe	153	LF	\$ -	\$ -	\$0	\$0	
370	M1-M5.3	Provide Line Voltage Thermostat	1	EA	\$ -	\$ -	\$0	\$0	
371	M1-M5.3	Vehicle Exhaust Crab Crawl Return Manual Start Switch	4	EA	\$ -	\$ -	\$0	\$0	
372	M1-M5.3	Vehicle Exhaust Crab Crawl Return System Emergency Stop Switch	4	EA	\$ -	\$ -	\$0	\$0	
373	M1-M5.3	Thermostat	8	EA	\$ -	\$ -	\$0	\$0	
374	M1-M5.3	Vehicle Exhaust Removal System Control Panel	1	EA	\$ -	\$ -	\$0	\$0	
375	M1-M5.3	Flexible Exhaust Hose W/ Fittings And Connections	6	EA	\$ -	\$ -	\$0	\$0	
376	M1-M5.3	Carbon Monoxide Sensor	2	EA	\$ -	\$ -	\$0	\$0	
377	M1-M5.3	Dryer Vent Up Thru Roof	14	LF	\$ -	\$ -	\$0	\$0	
378	M1-M5.3	Dryer Vent Back Draft Damper	2	EA	\$ -	\$ -	\$0	\$0	
379	M1-M5.3	(12X20) Flexible Duct	24	LF	\$ -	\$ -	\$0	\$0	
380	M1-M5.3	Duct Mounter Smoke Detector Interlock W/ Fire Alarm	4	EA	\$ -	\$ -	\$0	\$0	
381	M1-M5.3	1Hr Fused Link Fire Damper	18	EA	\$ -	\$ -	\$0	\$0	
382	M1-M5.3	(6" Dia) Flexible Duct	14	LF	\$ -	\$ -	\$0	\$0	
383	M1-M5.3	(10" Dia) Range Vent Duct Up Thru Roof W/ Roof Cap (12 Lf)	24	LF	\$ -	\$ -	\$0	\$0	
384	M1-M5.3	Outside Air Roof Cap	5	EA	\$ -	\$ -	\$0	\$0	
385	M1-M5.3	Exhaust Roof Cap	10	EA	\$ -	\$ -	\$0	\$0	
386	M1-M5.3	Concentric Flue And Combustion Air Termination Roof Kit	7	EA	\$ -	\$ -	\$0	\$0	
387	M1-M5.3	Manufacturers Vehicle Exhaust Roof Cap	1	EA	\$ -	\$ -	\$0	\$0	
388	M1-M5.3	Dryer Vent Roof Cap	2	EA	\$ -	\$ -	\$0	\$0	
389	M1-M5.3	Turning Vanes & 1/2"X1/2" Bird Screen	1	EA	\$ -	\$ -	\$0	\$0	
390	M1-M5.3	20X20 Exterior Wall Mounted Make Up Air Louver	1	EA	\$ -	\$ -	\$0	\$0	
	M1-M5.3				\$ -	\$ -	\$0	\$0	
	M1-M5.3	Air Device Schedule			\$ -	\$ -	\$0	\$0	
391	M1-M5.3	(42X12") Wall Transfer Louver As; Manuf & Model: Titus 350RI	4	LF	\$ -	\$ -	\$0	\$0	
392	M1-M5.3	(22X10) Louver Face Supply As; Manuf & Model: Titus 350RI	1	EA	\$ -	\$ -	\$0	\$0	
393	M1-M5.3	(18"X14") Door Louver	5	EA	\$ -	\$ -	\$0	\$0	
394	M1-M5.3	(30"X30") Louver	1	EA	\$ -	\$ -	\$0	\$0	
395	M1-M5.3	(18"X12") Door Louver	4	EA	\$ -	\$ -	\$0	\$0	
396	M1-M5.3	(42X12) Wall Louver	1	EA	\$ -	\$ -	\$0	\$0	
397	M1-M5.3	(14"X14") Modular Core Supply - C As; Manuf & Model: Titus Mcd	1	EA	\$ -	\$ -	\$0	\$0	
398	M1-M5.3	(6"X6") Modular Core Supply 75 Cfm -C As; Manuf & Model: Titus Mcd	2	EA	\$ -	\$ -	\$0	\$0	
399	M1-M5.3	(8"X8") Perforated Supply 100 Cfm -A As; Manuf & Model: Titus Pmc	2	EA	\$ -	\$ -	\$0	\$0	

 Dynamic Estimation Inc. Website: https://dynamicestimation.net/ Email: info@dynamicestimation.net Phone: 859-515-2045					PROJECT ID: San Bernardino CO. Fire Station 227 New Build SCOPE: ALL TRADE				
ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
400	M1-M5.3	(10X10) Perforated Supply 200 Cfm -A As; Manuf & Model: Titus Pmc	1	EA	\$ -	\$ -	\$0	\$0	
401	M1-M5.3	(8X8) Perforated Supply 130 Cfm -A As; Manuf & Model: Titus Pmc	1	EA	\$ -	\$ -	\$0	\$0	
402	M1-M5.3	(8X8) Perforated Return /Exhuast 170 Cfm -B As; Manuf & Model: Titus Par	2	EA	\$ -	\$ -	\$0	\$0	
403	M1-M5.3	(10X10) Perforated Return /Exhuast 385 Cfm -B As; Manuf & Model: Titus Par	1	EA	\$ -	\$ -	\$0	\$0	
404	M1-M5.3	(14X14) Perforated Return /Exhuast 635 Cfm -B As; Manuf & Model: Titus Par	1	EA	\$ -	\$ -	\$0	\$0	
405	M1-M5.3	(8X8) Perforated Supply 120 Cfm -F As; Manuf & Model: Titus Pmc	1	EA	\$ -	\$ -	\$0	\$0	
406	M1-M5.3	(10X10) Perforated Return /Exhuast 335 Cfm -B As; Manuf & Model: Titus Par	1	EA	\$ -	\$ -	\$0	\$0	
407	M1-M5.3	(6X6) Modular Core Supply 75 Cfm -C As; Manuf & Model: Titus Mcd	1	EA	\$ -	\$ -	\$0	\$0	
408	M1-M5.3	(8X8) Perforated Supply 140 Cfm -F As; Manuf & Model: Titus Mcd	1	EA	\$ -	\$ -	\$0	\$0	
409	M1-M5.3	(8X8) Modular Core Supply 120 Cfm -C As; Manuf & Model: Titus Mcd	16	EA	\$ -	\$ -	\$0	\$0	
410	M1-M5.3	(8X8) Perforated Supply 140 Cfm -A As; Manuf & Model: Titus Pmc	4	EA	\$ -	\$ -	\$0	\$0	
411	M1-M5.3	(8X8) Louver Face Return/Exhaust 185 Cfm -D As; Manuf & Model: Titus 350 RI	1	EA	\$ -	\$ -	\$0	\$0	
412	M1-M5.3	(8X8) Modular Core Supply 200 Cfm -C As; Manuf & Model: Titus Mcd	1	EA	\$ -	\$ -	\$0	\$0	
413	M1-M5.3	(8X8) Modular Core Supply 120 Cfm -C As; Manuf & Model: Titus Mcd	2	EA	\$ -	\$ -	\$0	\$0	
	M1-M5.3				\$ -	\$ -	\$0	\$0	
	M1-M5.3	Unit Heater Schedule			\$ -	\$ -	\$0	\$0	
414	M1-M5.3	"Uh/1" Unt Heater As; Manuf & Model No; Reznor Uez-85	1	EA	\$ -	\$ -	\$0	\$0	
415	M1-M5.3	Uh-2 Unt Heater As; Manuf & Model No; Reznor Uez-85	1	EA	\$ -	\$ -	\$0	\$0	
	M1-M5.3				\$ -	\$ -	\$0	\$0	
	M1-M5.3	Supply Fan Schedule			\$ -	\$ -	\$0	\$0	
416	M1-M5.3	"Sf/1" Supply Fan As; Manuf & Model No: Cook 120Sqn17D (Vf)	1	EA	\$ -	\$ -	\$0	\$0	
	M1-M5.3				\$ -	\$ -	\$0	\$0	
	M1-M5.3	Booster Fan Schedule			\$ -	\$ -	\$0	\$0	
417	M1-M5.3	"Bf-1" Booster Fan As; Manuf & Model: S&P Td-100X	1	EA	\$ -	\$ -	\$0	\$0	
418	M1-M5.3	"Bf-2" Booster Fan As; Manuf & Model: S&P Td-100X	1	EA	\$ -	\$ -	\$0	\$0	
419	M1-M5.3	"Bf-3" Booster Fan As; Manuf & Model: S&P Td-150X	1	EA	\$ -	\$ -	\$0	\$0	
	M1-M5.3				\$ -	\$ -	\$0	\$0	
	M1-M5.3	Circulating Ceiling Fans			\$ -	\$ -	\$0	\$0	
420	M1-M5.3	"F-1" Circulating Ceiling Fan As; Manuf & Model: Macro Air Ma12XI1006	1	EA	\$ -	\$ -	\$0	\$0	
421	M1-M5.3	"F-2" Circulating Ceiling Fan As; Manuf & Model: Macro Air Ma12XI1006	1	EA	\$ -	\$ -	\$0	\$0	
422	M1-M5.3	"F-3" Circulating Ceiling Fan As; Manuf & Model: Macro Air Ma12XI1006	1	EA	\$ -	\$ -	\$0	\$0	
	M1-M5.3				\$ -	\$ -	\$0	\$0	
	M1-M5.3	Dx Cooling Coil Schedule			\$ -	\$ -	\$0	\$0	
423	M1-M5.3	"Cc-1" To Cc-4 Dx Cooling Coil As; Manuf & Model: Carrier Capmp	4	EA	\$ -	\$ -	\$0	\$0	
	M1-M5.3				\$ -	\$ -	\$0	\$0	
	M1-M5.3	Gas Furnace Schedule			\$ -	\$ -	\$0	\$0	
424	M1-M5.3	"Fau-1" To Fau-04" Gas Furnace As; Manuf & Model: Carrier 59Su5B04	4	EA	\$ -	\$ -	\$0	\$0	
	M1-M5.3				\$ -	\$ -	\$0	\$0	
	M1-M5.3	Multi Zone Split System Heat Pump Units			\$ -	\$ -	\$0	\$0	
425	M1-M5.3	"Fc-5/A" Multi Zone Split System Heat Pump As; Manuf: & Model: Carrier Mmu-Up018	1	EA	\$ -	\$ -	\$0	\$0	
426	M1-M5.3	"Fc-5/B" Multi Zone Split System Heat Pump As; Manuf: & Model: Carrier Mmu-Up018	1	EA	\$ -	\$ -	\$0	\$0	
427	M1-M5.3	"Hp-5" Multi Zone Split System Heat Pump As; Manuf: & Model: Carrier Mmu-Up018	1	EA	\$ -	\$ -	\$0	\$0	
	M1-M5.3				\$ -	\$ -	\$0	\$0	
	M1-M5.3	Condensing Unit (Cooling Only) Schedule			\$ -	\$ -	\$0	\$0	
428	M1-M5.3	"Cu-1" Condencing Unit As; Manuf & Model: Carrier 24Sca518	1	EA	\$ -	\$ -	\$0	\$0	
429	M1-M5.3	"Cu-2" Condencing Unit As; Manuf & Model: Carrier 24Sca524	1	EA	\$ -	\$ -	\$0	\$0	
430	M1-M5.3	"Cu-3" Condencing Unit As; Manuf & Model: Carrier 24Sca536	1	EA	\$ -	\$ -	\$0	\$0	

 Dynamic Estimation Inc. Website: https://dynamicestimation.net/ Email: info@dynamicestimation.net Phone: 859-515-2045					PROJECT ID: San Bernardino CO. Fire Station 227 New Build SCOPE: ALL TRADE				
ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
431	M1-M5.3	"Cu-4" Condensing Unit As; Manuf & Model: Carrier 24Sca530	1	EA	\$ -	\$ -	\$0	\$0	
	M1-M5.3				\$ -	\$ -	\$0	\$0	
	M1-M5.3	Exhaust Fan Schedule			\$ -	\$ -	\$0	\$0	
432	M1-M5.3	"Ef-1" Exhaust Fan As; Manuf & Model: Polymovent Tev-585-60	1	EA	\$ -	\$ -	\$0	\$0	
433	M1-M5.3	"Ef-2" Exhaust Fan As; Manuf & Model: Cook Gc-622	1	EA	\$ -	\$ -	\$0	\$0	
434	M1-M5.3	"Ef-3" Exhaust Fan As; Manuf & Model: Cook Gc-168	1	EA	\$ -	\$ -	\$0	\$0	
435	M1-M5.3	"Ef-4" Exhaust Fan As; Manuf & Model: Cook Gc-342	1	EA	\$ -	\$ -	\$0	\$0	
436	M1-M5.3	"Ef-5" Exhaust Fan As; Manuf & Model: Cook Gc-342	1	EA	\$ -	\$ -	\$0	\$0	
437	M1-M5.3	"Ef-6" Exhaust Fan As; Manuf & Model: Cook Gc-342	1	EA	\$ -	\$ -	\$0	\$0	
438	M1-M5.3	"Ef-7" Exhaust Fan As; Manuf & Model: Cook Gc-622	1	EA	\$ -	\$ -	\$0	\$0	
439	M1-M5.3	"Ef-8" Exhaust Fan As; Manuf & Model: Cook Gc-342	1	EA	\$ -	\$ -	\$0	\$0	
440	M1-M5.3	"Ef-9" Exhaust Fan As; Manuf & Model: Cook Gc-342	1	EA	\$ -	\$ -	\$0	\$0	
441	M1-M5.3	"Ef-10" Exhaust Fan As; Manuf & Model: Cook Gc-342	1	EA	\$ -	\$ -	\$0	\$0	
442	M1-M5.3	"Ef-11" Exhaust Fan As; Manuf & Model: Cook Gc-342	1	EA	\$ -	\$ -	\$0	\$0	
443	M1-M5.3	"Ef-12" Exhaust Fan As; Manuf & Model: Cook Gc-342	1	EA	\$ -	\$ -	\$0	\$0	
444	M1-M5.3	"Ef-13" Exhaust Fan As; Manuf & Model: Cook Gc-342	1	EA	\$ -	\$ -	\$0	\$0	
445	M1-M5.3	"Ef-14A" Exhaust Fan As; Manuf & Model: Cook Gc-146	1	EA	\$ -	\$ -	\$0	\$0	
446	M1-M5.3	"Ef-14B" Exhaust Fan As; Manuf & Model: Cook Gc-146	1	EA	\$ -	\$ -	\$0	\$0	
447	M1-M5.3	"Ef-15" Exhaust Fan As; Manuf & Model: Cook Gc-342	1	EA	\$ -	\$ -	\$0	\$0	
448	M1-M5.3	"Ef-16" Exhaust Fan As; Manuf & Model: Cook 165Sqn17D	1	EA	\$ -	\$ -	\$0	\$0	
449	M1-M5.3	"Ef-17" Exhaust Fan As; Manuf & Model: Cook Gc-342	1	EA	\$ -	\$ -	\$0	\$0	
		Subtotal (HVAC)							\$0
DIVISION 26- ELECTRICAL									
		Electrical Site							
450	E1.1-E2.2	Fire Alarm Control Panel	1	EA	\$ -	\$ -	\$0	\$0	
451	E1.1-E2.2	Provide 2#12, 1# 12 Ground In 3/4" Conduit	60.55	FT	\$ -	\$ -	\$0	\$0	
452	E1.1-E2.2	PROVIDE (1) 2" SCHEDULE 40 PVC CONDUIT W/ 3/8" Pull Rope	219.01	FT	\$ -	\$ -	\$0	\$0	
453	E1.1-E2.2	1#10 Bond To Metallic Building Grounding Electrode System As Required By NEC Article	288.94	FT	\$ -	\$ -	\$0	\$0	
454	E1.1-E2.2	3/4" Conduit	181.56	FT	\$ -	\$ -	\$0	\$0	
455	E1.1-E2.2	(2) 4" Conduits	25.59	FT	\$ -	\$ -	\$0	\$0	
456	E1.1-E2.2	4#2, 1#6 Ground, 2" Conduit, (1) 1 1/4" Conduits	91.83	FT	\$ -	\$ -	\$0	\$0	
457	E1.1-E2.2	(1) 2" Conduit	43.87	FT	\$ -	\$ -	\$0	\$0	
458	E1.1-E2.2	1" Conduit	218.65	FT	\$ -	\$ -	\$0	\$0	
459	E1.1-E2.2	Duplex Receptacle	3	EA	\$ -	\$ -	\$0	\$0	
460	E1.1-E2.2	Switch W/ Occupancy Sensor	1	EA	\$ -	\$ -	\$0	\$0	
461	E1.1-E2.2	Switch Water Proof	1	EA	\$ -	\$ -	\$0	\$0	
462	E1.1-E2.2	Junction Box	6	EA	\$ -	\$ -	\$0	\$0	
463	E1.1-E2.2	1" Conduit W/ One CAT Cable	113.48	FT	\$ -	\$ -	\$0	\$0	
464	E1.1-E2.2	3/4" Conduit	93.89	FT	\$ -	\$ -	\$0	\$0	
465	E1.1-E2.2	Gate Keypad	1	EA	\$ -	\$ -	\$0	\$0	
	E1.1-E2.2	Lighting Floor Plan			\$ -	\$ -	\$0	\$0	
466	E1.1-E2.2	E1 Lamp Type: LED -Lamp Desc: 1W LEDCCE EXIT SERIES CCEDRE -Description: THIN DIE-CAST LED EMERGENCY EXIT SIGN, BRUSHED FACE, BLACK HOUSING, RED LETTERS WITH INTEGRAL EMERGENCY BATTERY PACK	5	EA	\$ -	\$ -	\$0	\$0	
467	E1.1-E2.2	F1: Lamp Type: LED -Lamp Desc: 57W LED 4000K 7200 Lumens -Manufacturer: M22-WD-36L-475-4K80-4W-CL-BLS-SF-UNV -Description: Wall Mounted LED Area Light Fixture, Black Finish, Remote Sensor Control At 15'", Wet Location Listed,"	8	EA	\$ -	\$ -	\$0	\$0	
468	E1.1-E2.2	F11 Lamp Type: LED -Lamp Desc: 104W 5000K 12,357 LUMENS -Manufacturer: VP-1-160L-115-4K7-5QW-R-UNV-ASQU-DBS-BTS-40F -Description: POLE MOUNTED LED SITE FIXTURE, FULL CUTOFF, TYPE 5, MEDIUM OPTICS	3	EA	\$ -	\$ -	\$0	\$0	



Dynamic Estimation Inc.

Website: <https://dynamicestimation.net/>

Email: info@dynamicestimation.net

Phone: 859-515-2045

PROJECT ID: San Bernardino CO. Fire Station 227 New Build

SCOPE: ALL TRADE

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
469	E1.1-E2.2	F12 Lamp Type: LED -Lamp Desc: 20W 4000K 1358 LUMENS -Manufacturer: WLRD-C-L22-8-40-BZ-EM/62-DIM-UNV -Description: WALL MOUNTED LED LIGHT FIXTURE, BRONZE HOUSING, WET LOCATION	23	EA	\$ -	\$ -	\$0	\$0	
470	E1.1-E2.2	F12 WP Lamp Type: LED -Lamp Desc: 20W 4000K 1358 LUMENS -Manufacturer: WLRD-C-L22-8-40-BZ-EM/62-DIM-UNV -Description: WALL MOUNTED LED LIGHT FIXTURE, BRONZE HOUSING, WET LOCATION	1	EA	\$ -	\$ -	\$0	\$0	
471	E1.1-E2.2	F14 Lamp Type: LED -Lamp Desc: 38W LED 4000K 4431 LUMENS -Manufacturer: LXEM-4-40-ML-RFP-ED-U-XEHC -Description: 4" LED INDUSTRIAL GASKETED LIGHT FIXTURE, POLYCARBONATE LENS, END CAP, SURFACE OR CHAIN HUNG	4	EA	\$ -	\$ -	\$0	\$0	
472	E1.1-E2.2	F14 WP Lamp Type: LED -Lamp Desc: 38W LED 4000K 4431 LUMENS -Manufacturer: LXEM-4-40-ML-RFP-ED-U-XEHC -Description: 4" LED INDUSTRIAL GASKETED LIGHT FIXTURE, POLYCARBONATE LENS, END CAP, SURFACE OR CHAIN HUNG	4	EA	\$ -	\$ -	\$0	\$0	
473	E1.1-E2.2	F15: Lamp Type: LED -Lamp Desc: LED 3500K 2717 LUMENS -Manufacturer: LFR-6RD-M-25L-35K-8-WD-DM1-LFR6RD-T-SH-WT-CL -Description: 6" DIAMETER RECESSED LED DOWN LIGHT, LENSED COMFORT CLEAR FINISH	7	EA	\$ -	\$ -	\$0	\$0	
474	E1.1-E2.2	F16 WP Lamp Type: LED -Lamp Desc: 18W LED 3000K 25 DEGREE SPREAD -Manufacturer: LTV825S-NF-18L-3K-UV -Description:INGROUND & WELL LIGHT FLAG POLE, WET LOCATION LISTED LIGHT FIXTURE WITH REMOTE ELECTRONIC DRIVER	2	EA	\$ -	\$ -	\$0	\$0	
475	E1.1-E2.2	F17 Lamp Type: LED -Lamp Desc: 2.5W LED 3000K -Manufacturer: L225-S-2-W3OH-N-CS-TBX-MA -Description:ADJUSTABLE WALL MOUNTED LED READING LIGHT FIXTURE WITH INTEGRAL SWITCH	8	EA	\$ -	\$ -	\$0	\$0	
476	E1.1-E2.2	F2: Lamp Type: LED -Lamp Desc: 24.7W LED 4000K 3794 Lumens -Manufacturer: MPS4-40LW-CW-ED-U -Description: 4" LED STRIPLIGHT WITH NON-DIMMING ELECTRONIC DRIVER	7	EA	\$ -	\$ -	\$0	\$0	
477	E1.1-E2.2	F20 Lamp Type: LED -Lamp Desc: 123W LED 4000K 14,747 LUMENS -Manufacturer: LXEM-8-40-VL-RFA-ED-U -Description:1'x8' SURFACE MOUNTED LED LIGHT FIXTURE, WHITE VAPORTIGHT HOUSING, 0-10V DIMMABLE ELECTRONIC DRIVER AND WET LOCATION LISTED	14	EA	\$ -	\$ -	\$0	\$0	
478	E1.1-E2.2	F20E Lamp Type: LED -Lamp Desc: 123W LED 4000K 14,747 LUMENS -Manufacturer: LXEM-8-40-VL-RFA-ED-U-ELL14 -Description:1'x8' SURFACE MOUNTED LED LIGHT FIXTURE, WHITE VAPORTIGHT HOUSING, 0-10V DIMMABLE ELECTRONIC DRIVER, WET LOCATION LISTED WITH EMERGENCY BATTERY PACK	6	EA	\$ -	\$ -	\$0	\$0	
479	E1.1-E2.2	F21 Lamp Type: N/A -Lamp Desc: N/A -Manufacturer: CEILING FAN PER ARCHITECT WITH WALL CONTROL -Description:CEILING FAN WITH WALL SWITCH. MAX 44" IN SLEEP 1RTS. SEE ARCH DRAWING FOR MODEL. (MINKA AIRE F786-WHF. WC400 WALL CONTROL)	11	EA	\$ -	\$ -	\$0	\$0	
480	E1.1-E2.2	F23 WP Lamp Type: LED -Lamp Desc: 60W LED 3500K 200 LUMENS -Manufacturer: PA7S-FT-NU-E-12L-010-3K7-24A-BLS-UNV -Description:LED FREE STANDING BOLLARDS	2	EA	\$ -	\$ -	\$0	\$0	



Dynamic Estimation Inc.

Website: <https://dynamicestimation.net/>

Email: info@dynamicestimation.net

Phone: 859-515-2045

PROJECT ID: San Bernardino CO. Fire Station 227 New Build

SCOPE: ALL TRADE

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
481	E1.1-E2.2	F24 Lamp Type: LED -Lamp Desc: 27.6W LED 3500K 3800 LUMENS -Manufacturer: LITE CONTROL55L-G-D-24-AS0-WHS—35K—D38—DO1-UNV -Description:2X4 RECESSED MOUNTED LED LIGHT FIXTURE, WHITE HOUSING WITH 0-10V DIMMABLE ELECTRONIC DRIVER	5	EA	\$ -	\$ -	\$0	\$0	
482	E1.1-E2.2	F24E Lamp Type: LED -Lamp Desc: 27.6W LED 3500K 3800 LUMENS -Manufacturer: LITE CONTROL55L-G-D-24-AS0-WHS—35K—D38—DO1-UNV -Description:2X4 RECESSED MOUNTED LED LIGHT FIXTURE, WHITE HOUSING WITH 0-10V DIMMABLE ELECTRONIC DRIVER W/ EMERGENCY BACKUP	4	EA	\$ -	\$ -	\$0	\$0	
483	E1.1-E2.2	F25 Lamp Type: LED -Lamp Desc: 18.4W LED 3000K 1600 LUMENS -Manufacturer:LUMENWERX FCARP—12IN-D-HLO -SW-90CRI-1600LM - 30K-UNV- D1-1C PCS-TMB-TMW -Description:THESE CLASSIC CONE PENDANTS IN MATTE BLACK THESE PENDANTS ARE ILLUMINATED ON THE BOTTOM PERIMETER CREATING A BLACK ABYSS ON THE INSIDE GENERATING AN INTERESTING LIGHTING EFFECT	1	EA	\$ -	\$ -	\$0	\$0	
484	E1.1-E2.2	F28-WP : 6' LENGTH LINEAR LED LIGHT FIXTURE FOR BUILDING SIGNAGE	1	EA	\$ -	\$ -	\$0	\$0	
485	E1.1-E2.2	F29 :2' LENGTH LINEAR LED LIGHT FIXTURE FOR BUILDING SIGNAGE	1	EA	\$ -	\$ -	\$0	\$0	
486	E1.1-E2.2	F30:16" OSCILLATING WALL FAN WITH PULL CHAIN CONTROL. MATTE BLACK FINISH.	2	EA	\$ -	\$ -	\$0	\$0	
487	E1.1-E2.2	F29-WP 2' LENGTH LINEAR LED LIGHT FIXTURE FOR BUILDING SIGNAGE	1	EA	\$ -	\$ -	\$0	\$0	
488	E1.1-E2.2	F2E: Lamp Type: LED -Lamp Desc: 24.7W LED 4000K 3794 Lumens -Manufacturer: MPS4-40LW-CW-ED-U-ELL14 -Description: 4" LED STRIPLIGHT WITH NON-DIMMING ELECTRONIC DRIVER, 0-10V DIMMABLE ELECTRONIC DRIVER AND 1100 LUMEN EMERGENCY BATTERY PACK	6	EA	\$ -	\$ -	\$0	\$0	
489	E1.1-E2.2	F3 Lamp Type: LED -Lamp Desc: 31W LED 4000K 3665 Lumens -Manufacturer: MPS4-40LW-CW-ED-U-ELL14 -Description: 4" LED INDUSTRIAL LIGHT FIXTURE, PRISMATIC ACRYLIC LENS, END CAP AND 0-10V DIMMABLE ELECTRONIC DRIVER	8	EA	\$ -	\$ -	\$0	\$0	
490	E1.1-E2.2	F5 Lamp Type: LED -Lamp Desc: 8W LED 4000K 450 Lumens -Manufacturer: LPU2-18-1-P-LPAC6-P -Description: 18-1/16" LED UNDER COUNTER LIGHT. WHITE HOUSING AND WHITE HARD WIRED WIRING COMPARTMENT. PROVIDE A COMPLETE AND OPERABLE SYSTEM	5	EA	\$ -	\$ -	\$0	\$0	
491	E1.1-E2.2	F6 Lamp Type: LED -Lamp Desc: 14.6W LED 3500K 2000 Lumens -Manufacturer: LFR-6RD-20L-35K8XW-DM1-LFR-6RD-T-SS-WT-LFR-6RD-H-IC -Description: 6" DIAMETER RECESSED LED DOWN LIGHT, IC RATED HOUSING. OPEN CLEAR DIFFUSE FINISH, WHITE TRIM AND 0-10V DIMMABLE ELECTRONIC DRIVER PROVIDE FIRE RATED COVERS WHERE NECESSARY	38	EA	\$ -	\$ -	\$0	\$0	
492	E1.1-E2.2	F6E Lamp Type: LED -Lamp Desc: 14.6W LED 3500K 2000 Lumens -Manufacturer: LFR-6RD-20L-35K8XW-DM1-LFR-6RD-T-SS-WT-LFR-6RD-H-IC -Description: 6" DIAMETER RECESSED LED DOWN LIGHT, IC RATED HOUSING. OPEN CLEAR DIFFUSE FINISH, WHITE TRIM AND 0-10V DIMMABLE ELECTRONIC DRIVER AND 6W EMERGENCY BATTERY PACK WITH INTEGRAL TEST SWITCH AND INDICATOR LIGHT	10	EA	\$ -	\$ -	\$0	\$0	
493	E1.1-E2.2	F7 Lamp Type: LED -Lamp Desc: 14.6W LED 3500K 2000 Lumens -Manufacturer: LFR-6RD-20L-35K8-XW-DM1-LFR-6RD-T-SS-WT-CL-LFR-6RD-H-IC -Description: 6" DIAMETER RECESSED LED DOWN LIGHT, IC RATED HOUSING. OPEN CLEAR DIFFUSE FINISH, WHITE TRIM AND 0-10V DIMMABLE ELECTRONIC DRIVER, WET; LISTED	14	EA	\$ -	\$ -	\$0	\$0	

 Dynamic Estimation Inc. Website: https://dynamicestimation.net/ Email: info@dynamicestimation.net Phone: 859-515-2045				PROJECT ID: San Bernardino CO. Fire Station 227 New Build SCOPE: ALL TRADE					
ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
494	E1.1-E2.2	F8 Lamp Type: LED -Lamp Desc: 20W 4000K -Manufacturer: VWGL-2-VGL-RD -Description: WALL MOUNTED LED VAPORTIGHT LIGHT, RUBY RED GLOBE, CAST ALUMINIUM GUARD AND ELECTRONIC BALLAST	1	EA	\$ -	\$ -	\$0	\$0	
495	E1.1-E2.2	F9 Lamp Type: LED -Lamp Desc: 21W LED 3500K DN -Manufacturer: LFR-6RD-M-25L-35K-NR-DM1-LFR-6RD-T-SS-WT -Description: 6" DIAMETER RECESSED LED DOWN LIGHT, CLEAR REFLECTOR. WHITE TRIM, 0-10V DIMMABLE ELEC DRIVER	7	EA	\$ -	\$ -	\$0	\$0	
496	E1.1-E2.2	F9E Lamp Type: LED -Lamp Desc: 21W LED 3500K DN -Manufacturer: LFR-6RD-M-25L-35K-NR-DM-EM-LFR-6RD-T-SS-WT -Description: 6" DIAMETER RECESSED LED DOWN LIGHT, CLEAR REFLECTOR. WHITE TRIM, 0-10V DIMMABLE ELEC DRIVER, PROVIDED WITH 90 MIN EMERGENCY BACKUP	4	EA	\$ -	\$ -	\$0	\$0	
497	E1.1-E2.2	Hoffman Back Box	1	EA	\$ -	\$ -	\$0	\$0	
498	E1.1-E2.2	Surface Mounted Signage Light Fixture	7	EA	\$ -	\$ -	\$0	\$0	
499	E1.1-E2.2	Exit Light Fixture	1	EA	\$ -	\$ -	\$0	\$0	
500	E1.1-E2.2	Single Pole Switch W/ Occupancy Sensor	24	EA	\$ -	\$ -	\$0	\$0	
501	E1.1-E2.2	Se (Details Not Provided May Be a Switch)	2	EA	\$ -	\$ -	\$0	\$0	
502	E1.1-E2.2	Dimmer Switch	13	EA	\$ -	\$ -	\$0	\$0	
503	E1.1-E2.2	Single Pole Switch	20	EA	\$ -	\$ -	\$0	\$0	
504	E1.1-E2.2	Motion Sensor	8	EA	\$ -	\$ -	\$0	\$0	
505	E1.1-E2.2	Area For Wiring & Conduits	12743.81	SQ FT	\$ -	\$ -	\$0	\$0	
	E1.1-E2.2	Power			\$ -	\$ -	\$0	\$0	
506	E1.1-E2.2	Duplex Receptacle	109	EA	\$ -	\$ -	\$0	\$0	
507	E1.1-E2.2	Duplex Receptacle above Countertop	20	EA	\$ -	\$ -	\$0	\$0	
508	E1.1-E2.2	Double Duplex Receptacle	5	EA	\$ -	\$ -	\$0	\$0	
509	E1.1-E2.2	Double Duplex Receptacle 1 Controlled + 1 Uncontrolled	8	EA	\$ -	\$ -	\$0	\$0	
510	E1.1-E2.2	TV	3	EA	\$ -	\$ -	\$0	\$0	
511	E1.1-E2.2	Junction Box	10	EA	\$ -	\$ -	\$0	\$0	
512	E1.1-E2.2	Data Outlet	21	EA	\$ -	\$ -	\$0	\$0	
513	E1.1-E2.2	Disconnect Switch 30 AS 2p WP	12	EA	\$ -	\$ -	\$0	\$0	
514	E1.1-E2.2	Smoke Detector	9	EA	\$ -	\$ -	\$0	\$0	
515	E1.1-E2.2	Carbon Monoxide Detector	3	EA	\$ -	\$ -	\$0	\$0	
516	E1.1-E2.2	Duplex Floor Outlet	6	EA	\$ -	\$ -	\$0	\$0	
517	E1.1-E2.2	Floor Box With USB	6	EA	\$ -	\$ -	\$0	\$0	
518	E1.1-E2.2	BBQ Gas Ignitot	1	EA	\$ -	\$ -	\$0	\$0	
519	E1.1-E2.2	Push Button	1	EA	\$ -	\$ -	\$0	\$0	
520	E1.1-E2.2	Remote Annucator Panel	1	EA	\$ -	\$ -	\$0	\$0	
521	E1.1-E2.2	Duct Mounted Smoke Detector	4	EA	\$ -	\$ -	\$0	\$0	
522	E1.1-E2.2	Disconnect Switch 60 AS 2p WP	8	EA	\$ -	\$ -	\$0	\$0	
523	E1.1-E2.2	Ceiling Mounted Single Circuit, Dual Receptacle 30 AMP	5	EA	\$ -	\$ -	\$0	\$0	
524	E1.1-E2.2	Plymovent Controller	1	EA	\$ -	\$ -	\$0	\$0	
525	E1.1-E2.2	Gate Bay Door Control	2	EA	\$ -	\$ -	\$0	\$0	
526	E1.1-E2.2	Manual Motor Starter	39	EA	\$ -	\$ -	\$0	\$0	
527	E1.1-E2.2	Disconnect Switch 100 AS 3- WP	1	EA	\$ -	\$ -	\$0	\$0	
528	E1.1-E2.2	Disconnect Switch 60 AS 3P WP	2	EA	\$ -	\$ -	\$0	\$0	
529	E1.1-E2.2	225 AF 200 AT 3P Breaker	1	EA	\$ -	\$ -	\$0	\$0	
530	E1.1-E2.2	125AF 100 AT 3P Breaker	1	EA	\$ -	\$ -	\$0	\$0	
531	E1.1-E2.2	225AF 225 AT 3P Breaker	2	EA	\$ -	\$ -	\$0	\$0	
532	E1.1-E2.2	125 AF 100 AT 3P Beaker	1	EA	\$ -	\$ -	\$0	\$0	
533	E1.1-E2.2	125 AF 60 AT 3P Beaker	3	EA	\$ -	\$ -	\$0	\$0	
534	E1.1-E2.2	125 AF 50AT 3P Beaker	1	EA	\$ -	\$ -	\$0	\$0	
535	E1.1-E2.2	225 AF 110 AT 3P Beaker	1	EA	\$ -	\$ -	\$0	\$0	
536	E1.1-E2.2	200 A Visible Blade Disc. SW	1	EA	\$ -	\$ -	\$0	\$0	
537	E1.1-E2.2	30kW 81 kWh Batt Bess	1	EA	\$ -	\$ -	\$0	\$0	
538	E1.1-E2.2	800A 3 phase 4P Nema 1 Atomic Transfer Swithc	1	EA	\$ -	\$ -	\$0	\$0	
539	E1.1-E2.2	125kW / 156 kVA 208 Y/120V 3 Phase 4W Diesel Generator	1	EA	\$ -	\$ -	\$0	\$0	
540	E1.1-E2.2	600 AF 600 AP 3Phase Breaker	1	EA	\$ -	\$ -	\$0	\$0	
541	E1.1-E2.2	CT Meter	1	EA	\$ -	\$ -	\$0	\$0	
542	E1.1-E2.2	Meter	1	EA	\$ -	\$ -	\$0	\$0	
543	E1.1-E2.2	Data Acquisition System Cabinet Mounted	1	EA	\$ -	\$ -	\$0	\$0	
544	E1.1-E2.2	Contractor To Provided Solar System And Battery Energy Storage System Startup	1	EA	\$ -	\$ -	\$0	\$0	
545	E1.1-E2.2	30 kW / 81 kWh Fortress Power eSpire Mini 208V, 3 Phase, 4 Wire Battery Energy Stor	1	EA	\$ -	\$ -	\$0	\$0	
546	E1.1-E2.2	Wind Speed Sensor	1	EA	\$ -	\$ -	\$0	\$0	
547	E1.1-E2.2	Wind Direction Sensot	1	EA	\$ -	\$ -	\$0	\$0	
548	E1.1-E2.2	Solar Radiation Sensor	2	EA	\$ -	\$ -	\$0	\$0	
549	E1.1-E2.2	Temperature	1	EA	\$ -	\$ -	\$0	\$0	
550	E1.1-E2.2	Thermocouple Two - Wire Temperature Transmiitter	1	EA	\$ -	\$ -	\$0	\$0	
551	E1.1-E2.2	Input MODBUS	1	EA	\$ -	\$ -	\$0	\$0	
552	E1.1-E2.2	24 VDC Power	1	EA	\$ -	\$ -	\$0	\$0	
553	E1.1-E2.2	Weather Station Control Box Nema 4 Enclosure Mounted On North Side Of Array	1	EA	\$ -	\$ -	\$0	\$0	
554	E1.1-E2.2	Photo Voltaic	1	EA	\$ -	\$ -	\$0	\$0	



Dynamic Estimation Inc.

Website: <https://dynamicestimation.net/>

Email: info@dynamicestimation.net

Phone: 859-515-2045

PROJECT ID:

San Bernardino CO. Fire Station 227 New Build

SCOPE:

ALL TRADE

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
555	E1.1-E2.2	580 W Solar Panel Module	5	EA	\$ -	\$ -	\$0	\$0	
556	E1.1-E2.2	Alert Floor System	1	EA	\$ -	\$ -	\$0	\$0	
557	E1.1-E2.2	Panels	1	EA	\$ -	\$ -	\$0	\$0	
558	E1.1-E2.2	Panel A Panel B --Voltage 208/120	1	EA	\$ -	\$ -	\$0	\$0	
559	E1.1-E2.2	Panel B --Voltage 208/120	1	EA	\$ -	\$ -	\$0	\$0	
560	E1.1-E2.2	Panel C --Voltage 208/120	1	EA	\$ -	\$ -	\$0	\$0	
561	E1.1-E2.2	Panel D -Voltage 208/120	1	EA	\$ -	\$ -	\$0	\$0	
562	E1.1-E2.2	Panel M -Voltage 208/120	1	EA	\$ -	\$ -	\$0	\$0	
563	E1.1-E2.2	MSB 600A 208Y/120V 3 Phase 4W 42kAIC Nema 1	2	EA	\$ -	\$ -	\$0	\$0	
		Subtotal (Electrical)							\$0
DIVISION 28- SECURITY & SAFETY SYSTEM									
		Data Plan Ltd							
564	DATA 2.1-2.2	Cctv Camera (Provide 2S Box, 3/4" Conduit And Pull Rope Ceiling Space Above)	13	EA	\$ -	\$ -	\$0	\$0	
565	DATA 2.1-2.2	Data Jacks	24	EA	\$ -	\$ -	\$0	\$0	
566	DATA 2.1-2.2	Wireless Access Point	8	EA	\$ -	\$ -	\$0	\$0	
567	DATA 2.1-2.2	Television	3	EA	\$ -	\$ -	\$0	\$0	
568	DATA 2.1-2.2	Card Reader	3	EA	\$ -	\$ -	\$0	\$0	
569	DATA 2.1-2.2	Pull Box	1	EA	\$ -	\$ -	\$0	\$0	
570	DATA 2.1-2.2	(4") Entrance Conduits	108	LF	\$ -	\$ -	\$0	\$0	
571	DATA 2.1-2.2	(1") Emet Conduit From Office Plenum Area	73	LF	\$ -	\$ -	\$0	\$0	
	DATA 2.1-2.2				\$ -	\$ -	\$0	\$0	
	DATA 2.1-2.2	Fire Alarm System			\$ -	\$ -	\$0	\$0	
572	DATA 2.1-2.2	High Powered Amplified Speaker In Conjunction W/ Hpa Amp	3	EA	\$ -	\$ -	\$0	\$0	
573	DATA 2.1-2.2	Satellight Controller	16	EA	\$ -	\$ -	\$0	\$0	
574	DATA 2.1-2.2	Satellight	6	EA	\$ -	\$ -	\$0	\$0	
575	DATA 2.1-2.2	Dorm Remote	9	EA	\$ -	\$ -	\$0	\$0	
576	DATA 2.1-2.2	Dorm Light	9	EA	\$ -	\$ -	\$0	\$0	
577	DATA 2.1-2.2	Outside Speaker In Conjunction W/ Osa	3	EA	\$ -	\$ -	\$0	\$0	
578	DATA 2.1-2.2	Outside Speaker Audio Module Dual	1	EA	\$ -	\$ -	\$0	\$0	
579	DATA 2.1-2.2	Emergency Button	1	EA	\$ -	\$ -	\$0	\$0	
580	DATA 2.1-2.2	Alerting Strobe Light Fixture In Conjunction W/ Asla	2	EA	\$ -	\$ -	\$0	\$0	
581	DATA 2.1-2.2	Alerting Strobe Light Adapter	1	EA	\$ -	\$ -	\$0	\$0	
582	DATA 2.1-2.2	Power Module W/ Ups Black	1	EA	\$ -	\$ -	\$0	\$0	
583	DATA 2.1-2.2	Power Module W/ Ups Blue	1	EA	\$ -	\$ -	\$0	\$0	
584	DATA 2.1-2.2	Master Control Unit	1	EA	\$ -	\$ -	\$0	\$0	
585	DATA 2.1-2.2	Data Line Surge Protector	1	EA	\$ -	\$ -	\$0	\$0	
586	DATA 2.1-2.2	Radio Isolation Unit	1	EA	\$ -	\$ -	\$0	\$0	
587	DATA 2.1-2.2	Control Remote	1	EA	\$ -	\$ -	\$0	\$0	
588	DATA 2.1-2.2	Auxilliary Module	1	EA	\$ -	\$ -	\$0	\$0	
589	DATA 2.1-2.2	Telephone Interface Module	1	EA	\$ -	\$ -	\$0	\$0	
590	DATA 2.1-2.2	Video Doorbell Gateway	1	EA	\$ -	\$ -	\$0	\$0	
591	DATA 2.1-2.2	Poe Switch	1	EA	\$ -	\$ -	\$0	\$0	
592	DATA 2.1-2.2	Video Doorbell Phone	1	EA	\$ -	\$ -	\$0	\$0	
593	DATA 2.1-2.2	Appliance Control Device	1	EA	\$ -	\$ -	\$0	\$0	
594	DATA 2.1-2.2	High Powered Aplifier Module Dual	1	EA	\$ -	\$ -	\$0	\$0	
595	DATA 2.1-2.2	High Powered Amplifier Module Single	1	EA	\$ -	\$ -	\$0	\$0	
596	DATA 2.1-2.2	Turnout Timer Medium	2	EA	\$ -	\$ -	\$0	\$0	
597	DATA 2.1-2.2	Emergency Button	1	EA	\$ -	\$ -	\$0	\$0	
598	DATA 2.1-2.2	Chow Button	1	EA	\$ -	\$ -	\$0	\$0	
599	DATA 2.1-2.2	Video Doorbell	1	EA	\$ -	\$ -	\$0	\$0	
600	DATA 2.1-2.2	Appliance Reset Button	1	EA	\$ -	\$ -	\$0	\$0	
601	DATA 2.1-2.2	8X10X4 Hoffman Backbox	16	EA	\$ -	\$ -	\$0	\$0	
602	DATA 2.1-2.2	Acosutic Ceiling Kit	8	EA	\$ -	\$ -	\$0	\$0	
603	DATA 2.1-2.2	Custom Backbox Provided By Westnet	2	EA	\$ -	\$ -	\$0	\$0	
		Subtotal (Security & Safety)							\$0
DIVISION 32- EXTERIOR IMPROVEMENT									
		Slab ,Pavements & Curb Gutter							
604	C1-C6	(6") Pcc Curb	961	LF	\$ -	\$ -	\$0	\$0	
605	C1-C6	(3' Wide) Ribbon Gutter As; 9" Thick 4500 Psi Concrete 560-C-3250 6" Class Ii Ab 3 #4 Continous #4 @ 18" O.C	296	LF	\$ -	\$ -	\$0	\$0	
606	C1-C6	6" Curb & Gutter Per San Berardino County Std.	52	LF	\$ -	\$ -	\$0	\$0	
607	C1-C6	Construct Curb Ramp Case F Per Caltrans 2023 Std.	13	SF	\$ -	\$ -	\$0	\$0	
608	C1-C6	Install Detectable Warning Surface	32	SF	\$ -	\$ -	\$0	\$0	
609	C1-C6	(9" Thk) Pcc W/ Rebar Over 6" Of Class Ii Aggregates Base Material	18687	SF	\$ -	\$ -	\$0	\$0	
610	C1-C6	Construct (5" Thk) Pcc Over 4" Class Ii Aggregates Base	2331	SF	\$ -	\$ -	\$0	\$0	
611	C1-C6	Construct 4" Thick Pcc Sidewalk Over Compacted Subgrade	6945	SF	\$ -	\$ -	\$0	\$0	

 Dynamic Estimation Inc. Website: https://dynamicestimation.net/ Email: info@dynamicestimation.net Phone: 859-515-2045			PROJECT ID: San Bernardino CO. Fire Station 227 New Build SCOPE: ALL TRADE						
ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
612	C1-C6	Parkway Culvert No.1 Per City Of San Bernardino Std.	84	SF	\$ -	\$ -	\$0	\$0	
613	C1-C6	12" Thk Pcc W/ Rebar Over 6" Of Class Ii Aggregate Base Material	1657	SF	\$ -	\$ -	\$0	\$0	
614	C1-C6	Construct 4" Thick Pcc Curb Ramp Over Compacted Subgrade	270	SF	\$ -	\$ -	\$0	\$0	
615	C1-C6	(4" Thk) Concrete V-Ditch Reinf. W/ #4 At 18" O.C & 3-#4 Continous	1693	SF	\$ -	\$ -	\$0	\$0	
	C1-C6	Hose Ramp			\$ -	\$ -	\$0	\$0	
616	C1-C6	4" Concrete Slab W/ # 4 @ 32" O.C. & (2) Horizontal @ Corners	300	SF	\$ -	\$ -	\$0	\$0	
617	C1-C6	(24"X24") CMU Pilaster @ Hose Ramp H=8'-6"	1054	SF	\$ -	\$ -	\$0	\$0	
618	C1-C6	CMU Wall Cap	125	FT	\$ -	\$ -	\$0	\$0	
619	C1-C6	(2'-3" x 3") Continuous Concrete Footing	16	CY	\$ -	\$ -	\$0	\$0	
	C1-C6	Cmu Wall & Pilaster			\$ -	\$ -	\$0	\$0	
620	C1-C6	(2'-3" Sq) Concrete Footing Of Cmu Pilaster (0.208 Cy)	1	EA	\$ -	\$ -	\$0	\$0	
621	C1-C6	(24"X24") Cmu Pilaster W/ Reinf. (9' H) & Apply Anti Graffiti Coating All Sides (2.66 Cy)	2	EA	\$ -	\$ -	\$0	\$0	
622	C1-C6	(1'-0"X2'-7") Concrete Footing Of Retainig Wall W/ Reif.(58.70 Cy)	655	LF	\$ -	\$ -	\$0	\$0	
623	C1-C6	(8"X8X16) Cmu Retaining Wall Infilled W/ Reinf. (6'-4" H) & 2" Wall Cap & (2'-6" H) Angled Anti Climb Fence Panel Where Occurs (3/4" Sq. @ 6" O.C) (4146 Sf)	655	LF	\$ -	\$ -	\$0	\$0	
624	C1-C6	(8" Thk) Concrete Slab For Generator And Tank Fuel Reinf. W/ (2) #5 Rebar Cont. & #4 Rebar At 12" O/C Ea Way (7.13 Cy)	301	SF	\$ -	\$ -	\$0	\$0	
625	C1-C6	(6" Thk & 12" H) Concrete Wall W/ Reinf. (1.740 Cy)	94	LF	\$ -	\$ -	\$0	\$0	
626	C1-C6	(1'-10" H X 1'-5" W) Ada Parking Sign As; (2-1/2" Dia) Galv. Pipe (6'-8" H)	1	EA	\$ -	\$ -	\$0	\$0	
627	C1-C6	(18" Dia & 3' H) Concrete Footing For Ada Marking Sign (Assumed) (0.19 Cy)	1	EA	\$ -	\$ -	\$0	\$0	
	C1-C6				\$ -	\$ -	\$0	\$0	
	C1-C6	Bollards			\$ -	\$ -	\$0	\$0	
628	C1-C6	(6" Dia & 4' H) Sch 40 Conc. Filled Steel Bollards Apinted Osha Yellow	17	EA	\$ -	\$ -	\$0	\$0	
629	C1-C6	(15" Dia & 3'-3" H) Concrete Footing Of Steel Bollards (5.22 Cy)	17	EA	\$ -	\$ -	\$0	\$0	
	C1-C6				\$ -	\$ -	\$0	\$0	
	C1-C6	Marking & Stripping			\$ -	\$ -	\$0	\$0	
630	C1-C6	(4" Thk) Yellow Hazard Stripping	248	LF	\$ -	\$ -	\$0	\$0	
631	C1-C6	Ada Road Marking Sign	1	EA	\$ -	\$ -	\$0	\$0	
632	C1-C6	Wheel Stopper	2	EA	\$ -	\$ -	\$0	\$0	
633	C1-C6	(60"X60") Personnel Gate Strike Side	2	EA	\$ -	\$ -	\$0	\$0	
634	C1-C6	(4" Thk) Blue Line Road Marking	480	LF	\$ -	\$ -	\$0	\$0	
	C1-C6				\$ -	\$ -	\$0	\$0	
	C1-C6	Trash Enclosure			\$ -	\$ -	\$0	\$0	
635	C1-C6	(18" Wide & 1' H) Concrete Footing Of Cmu Wall W/ Reinf. (2.5 Cy)	45	LF	\$ -	\$ -	\$0	\$0	
636	C1-C6	(6" H & 6" W.) Concrete Curb	16	LF	\$ -	\$ -	\$0	\$0	
637	C1-C6	(4" Thk) Concrete Slab W/ Reinf. Over Compacted Subgrade (1.67 Cy)	137	SF	\$ -	\$ -	\$0	\$0	
638	C1-C6	(8X8X16) Cmu Wall Infilled & Cmu Wall Cap (6'-2" H) (197.12 Sf)	32	LF	\$ -	\$ -	\$0	\$0	
639	C1-C6	(4X4) Hss Steel Column (8'-6" H) (2 Ea)	17	LF	\$ -	\$ -	\$0	\$0	
640	C1-C6	(4X4) Hss Steel Column (10'-8" H)(2 Ea)	22	LF	\$ -	\$ -	\$0	\$0	
641	C1-C6	(7'-2" W & 5'-2" H) Metal Gate -26 Ga Mini V Beam Welded To Angle Frame Galvanised , Paint	1	EA	\$ -	\$ -	\$0	\$0	
642	C1-C6	Roof Metal Deck	137	SF	\$ -	\$ -	\$0	\$0	
643	C1-C6	Provide Gable/Rake Closure Trim	30	LF	\$ -	\$ -	\$0	\$0	
644	C1-C6	Eave Trim	22	LF	\$ -	\$ -	\$0	\$0	
	C1-C6				\$ -	\$ -	\$0	\$0	
	C1-C6	Metal Canopy			\$ -	\$ -	\$0	\$0	
645	C1-C6	(2'-6" Dia & 12'-6" H) Concrete Footing W/ Reinforcement Of Metal Canopy Posts (11.35 Cy)	5	EA	\$ -	\$ -	\$0	\$0	
646	C1-C6	Structural Steel Posts W/ Cap & Base Plate (6'-6" H)(5 Ea)	33	LF	\$ -	\$ -	\$0	\$0	
647	C1-C6	Structural Steel Beam	50	LF	\$ -	\$ -	\$0	\$0	
648	C1-C6	Metal Roofing & Secndry Framing By Pre-Fab Building Manufacture	343	SF	\$ -	\$ -	\$0	\$0	
649	C1-C6	Metal Gutter	32	LF	\$ -	\$ -	\$0	\$0	
650	C1-C6	Metal Downsputs	18	LF	\$ -	\$ -	\$0	\$0	
	C1-C6				\$ -	\$ -	\$0	\$0	
	C1-C6	Erosion Control			\$ -	\$ -	\$0	\$0	
651	C1-C6	Silt Fence As; Filter Fabric Mesh Wooden Posts @ 10' O.C Compacted Backfil	1061	LF	\$ -	\$ -	\$0	\$0	
652	C1-C6	Stabilized Construction Entrance /Exit (Tc-1) W/ Rumble Racks (10'X24' Min)	308	SF	\$ -	\$ -	\$0	\$0	
653	C1-C6	Gravel Bag Barrier (Se-6)	76	LF	\$ -	\$ -	\$0	\$0	
654	C1-C6	Material Delivery/Storage Area	125	SF	\$ -	\$ -	\$0	\$0	
655	C1-C6	Vehicle Washing And Maintenance Area	125	SF	\$ -	\$ -	\$0	\$0	
656	C1-C6	Vehicle Storage And Maintenance Area	129	SF	\$ -	\$ -	\$0	\$0	
657	C1-C6	Waste Storage Area	119	SF	\$ -	\$ -	\$0	\$0	
658	C1-C6	Storm Drain Inlet Protection	5	EA	\$ -	\$ -	\$0	\$0	
659	C1-C6	Fiber Rolls	31	LF	\$ -	\$ -	\$0	\$0	
	C1-C6				\$ -	\$ -	\$0	\$0	
	C1-C6	Irrigation			\$ -	\$ -	\$0	\$0	
660	C1-C6	(3/4") Ptable Irrigation Water Meter	1	EA	\$ -	\$ -	\$0	\$0	
661	C1-C6	(3/4") Red Presure B.P.U	1	EA	\$ -	\$ -	\$0	\$0	
662	C1-C6	(1-1/2") Master Valve	1	EA	\$ -	\$ -	\$0	\$0	
663	C1-C6	(1") Flow Sensor	1	EA	\$ -	\$ -	\$0	\$0	
664	C1-C6	Fertilizer Injector	1	EA	\$ -	\$ -	\$0	\$0	
665	C1-C6	(1-1/2") Ball Valve	1	EA	\$ -	\$ -	\$0	\$0	

 Dynamic Estimation Inc. Website: https://dynamicestimation.net/ Email: info@dynamicestimation.net Phone: 859-515-2045				PROJECT ID: San Bernardino CO. Fire Station 227 New Build SCOPE: ALL TRADE					
ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
666	C1-C6	Quick Coupling Valve As; Manuf: Rainbird	4	EA	\$ -	\$ -	\$0	\$0	
667	C1-C6	(1-1/2") Pressure Type Mainline As; Manuf: Pac. Plastics	394	LF	\$ -	\$ -	\$0	\$0	
668	C1-C6	Non Pressure Type Sleeve As; Manuf: Pac. Plastics	540	LF	\$ -	\$ -	\$0	\$0	
669	C1-C6	(3/4") Non - Pressure Lateral Line As; Manuf: Hydro Drain Model: Blu-Lock	2356	LF	\$ -	\$ -	\$0	\$0	
670	C1-C6	Automatic Drain Flush Valve As; Manuf: Hydrorain/Orbit	31	EA	\$ -	\$ -	\$0	\$0	
671	C1-C6	Irrigation Controller	1	EA	\$ -	\$ -	\$0	\$0	
672	C1-C6	Solar Sync	1	EA	\$ -	\$ -	\$0	\$0	
673	C1-C6	1" Remote Control Valve Kit W/ Pressure Regulator(40 Psi) And Filter	2	EA	\$ -	\$ -	\$0	\$0	
	C1-C6				\$ -	\$ -	\$0	\$0	
	C1-C6	Drainage			\$ -	\$ -	\$0	\$0	
674	C1-C6	Install Ada Flexstorm Pure Inlet Filter	6	EA	\$ -	\$ -	\$0	\$0	
675	C1-C6	Install 24"X24" Jensen Precast Drop Inlet Basin Model 2424 W/ Grate	6	EA	\$ -	\$ -	\$0	\$0	
676	C1-C6	(8" Dia) Hdpe Pipe	113	LF	\$ -	\$ -	\$0	\$0	
677	C1-C6	(12" Dia) Hdpe Pipe	97	LF	\$ -	\$ -	\$0	\$0	
678	C1-C6	(15" Dia) Hdpe Pipe	141	LF	\$ -	\$ -	\$0	\$0	
679	C1-C6	(18" Dia) Hdpe Pipe	23	LF	\$ -	\$ -	\$0	\$0	
680	C1-C6	Cleanout	10	EA	\$ -	\$ -	\$0	\$0	
681	C1-C6	Rain Gutter	194	LF	\$ -	\$ -	\$0	\$0	
682	C1-C6	(5" Thk) Concrete Slab For Transformer (0.96 Cy)	52	SF	\$ -	\$ -	\$0	\$0	
683	C1-C6	Accessible Parking Two Way Sign	1	EA	\$ -	\$ -	\$0	\$0	
684	C1-C6	Site Lights	2	EA	\$ -	\$ -	\$0	\$0	
685	C1-C6	(2'-6" Dia & 6' H) Concrete Footing For Site Lights W/ Reinf. (Assumed) (2.18 Cy)	2	EA	\$ -	\$ -	\$0	\$0	
	C1-C6				\$ -	\$ -	\$0	\$0	
	C1-C6	Landscaping			\$ -	\$ -	\$0	\$0	
	C1-C6	Trees			\$ -	\$ -	\$0	\$0	
686	C1-C6	Bay Laurel Size: 24" Box	9	EA	\$ -	\$ -	\$0	\$0	
687	C1-C6	Desert Museum Palo Verde Size: 24" Box	6	EA	\$ -	\$ -	\$0	\$0	
	C1-C6				\$ -	\$ -	\$0	\$0	
	C1-C6	Shrubs			\$ -	\$ -	\$0	\$0	
688	C1-C6	Prostrate Coyote Bush	187	EA	\$ -	\$ -	\$0	\$0	
689	C1-C6	Red Yucca	57	EA	\$ -	\$ -	\$0	\$0	
690	C1-C6	Dwarf Bottlebrush	32	EA	\$ -	\$ -	\$0	\$0	
691	C1-C6	Little Rev Flax	53	EA	\$ -	\$ -	\$0	\$0	
692	C1-C6	Prostrate Acacia	20	EA	\$ -	\$ -	\$0	\$0	
693	C1-C6	Green Texas Ranger	16	EA	\$ -	\$ -	\$0	\$0	
694	C1-C6	Mexican Bird Of Paradise	21	EA	\$ -	\$ -	\$0	\$0	
	C1-C6				\$ -	\$ -	\$0	\$0	
	C1-C6	Vines			\$ -	\$ -	\$0	\$0	
695	C1-C6	Cats Claw	2	EA	\$ -	\$ -	\$0	\$0	
696	C1-C6	Cobble Over Below Ground	1635	SF	\$ -	\$ -	\$0	\$0	
697	C1-C6	Mulch. (As Required)	1	LS	\$ -	\$ -	\$0	\$0	
		Subtotal (Exterior Improvement)							\$0
DIVISION 33- UTILITIES									
		Utilities							
698	C1-C6	Install 8 Inch Tapping Sleeve	1	EA	\$ -	\$ -	\$0	\$0	
699	C1-C6	Gate Valve	2	EA	\$ -	\$ -	\$0	\$0	
700	C1-C6	Install 6 Inch Tapping Sleeve	1	EA	\$ -	\$ -	\$0	\$0	
701	C1-C6	(3'X3') Concrete Pad For Fire Hydrant	2	EA	\$ -	\$ -	\$0	\$0	
702	C1-C6	(6" Dia) Fire Hydrant	2	EA	\$ -	\$ -	\$0	\$0	
703	C1-C6	(1" Dia) Water Service	30	LF	\$ -	\$ -	\$0	\$0	
704	C1-C6	(6" Dia) Class 350 Ductile Iron Pipe	17	LF	\$ -	\$ -	\$0	\$0	
705	C1-C6	Install 1 Inch Water Irrigation Service Connection And Meter	1	EA	\$ -	\$ -	\$0	\$0	
706	C1-C6	Install 1 Inch Backflow Preventer	1	EA	\$ -	\$ -	\$0	\$0	
707	C1-C6	(2" Dia) Water Service Tyle L Hard Copper Tubing	28	LF	\$ -	\$ -	\$0	\$0	
708	C1-C6	(2" Dia) Water Service Connection And Meter	1	EA	\$ -	\$ -	\$0	\$0	
709	C1-C6	Install 2 Inch Backflow Preventer	1	EA	\$ -	\$ -	\$0	\$0	
710	C1-C6	(2" Dia) Pvc Sch 40 Water Line	101	LF	\$ -	\$ -	\$0	\$0	
711	C1-C6	(2" Dia) 45 Degree Elbow	4	EA	\$ -	\$ -	\$0	\$0	
712	C1-C6	Tappinf Sleeve	4	EA	\$ -	\$ -	\$0	\$0	
713	C1-C6	(8" Dia) Class 350 Ductile Iron Fire Pipe	26	LF	\$ -	\$ -	\$0	\$0	
714	C1-C6	Double Check Detector Assembly	1	EA	\$ -	\$ -	\$0	\$0	
715	C1-C6	(8"X8") Tee	1	EA	\$ -	\$ -	\$0	\$0	
716	C1-C6	Post Indicator Valve	1	EA	\$ -	\$ -	\$0	\$0	
717	C1-C6	Fire Department Connection Valve	1	EA	\$ -	\$ -	\$0	\$0	
718	C1-C6	(8"X6") Reducer W/ Restrained Joints	1	EA	\$ -	\$ -	\$0	\$0	
719	C1-C6	(6" Dia) Pvc C900 Fire Line	92	LF	\$ -	\$ -	\$0	\$0	
720	C1-C6	(8") 90 Degree Elbow	4	EA	\$ -	\$ -	\$0	\$0	
721	C1-C6	(8" Dia) Pvc C900 Fire Line	326	LF	\$ -	\$ -	\$0	\$0	



Dynamic Estimation Inc.

Website: <https://dynamicestimation.net/>
Email: info@dynamicestimation.net
Phone: 859-515-2045

PROJECT ID:

San Bernardino CO. Fire Station 227 New Build

SCOPE:

ALL TRADE

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
722	C1-C6	(6") Clean Out Sewer	4	EA	\$ -	\$ -	\$0	\$0	
723	C1-C6	(6" Dia) Pvc Sdr 35 Sewer Lateral	156	LF	\$ -	\$ -	\$0	\$0	
		Subtotal (Utilities)							\$0
SUBTOTAL									\$0
OVERHEAD & PROFIT									\$0
INSURANCE									\$0
CONTINGENCY									\$0
TOTAL BASE BID									\$0
Note:									