

INT-114 - TK-8 PHASE 2, INCREMENT 1

Project Name: TK-8 PHASE 2, INCREMENT 1
 TEMECULA VALLEY UNIFIED SCHOOL
 31350 RANCHO VISTA ROAD
 Temecula, CA 92592 USA



Architect: MGPA ARCHITECTURE
Engineer: DELTA ENGINEERING
Customer: HEAVY METAL STEEL CO.

Job Type: Lump Sum

Estimator: admin
Creation Date: 03-10-2022
Last Modified: 03-10-2022
Status: Complete

Escalation: No

Segment Summary

Segment	Rebar Wgt	Plain Wgt	Misc. Wgt	Total (Lbs)	Costing
Included Segments:					
BUILDING- E	58,517	0	0	58,517	No
SPREAD FOOTING	2,237	0	0	2,237	No
COUNTINUOUS FOOTING	25,626	0	0	25,626	No
SLAB ON GRADE	30,654	0	0	30,654	No
SITE WORK	63,956	0	0	63,956	No
PCC PROPOSED	41,402	0	0	41,402	No
PROPOSED WALL	18,770	0	0	18,770	No
CONCRETE CURB	1,536	0	0	1,536	No
LIGHT POLE	2,248	0	0	2,248	No

INT-114 - TK-8 PHASE 2, INCREMENT 1**Estimate Defaults**

Size Unit: Imperial	Building Code: ACI 1983
Length Unit: Feet - Inches	Concrete Strength: 3000
Weight Unit: Pounds	Lap Table:
Soft Hooks: No	Estimating Lap: 48D
Seismic Hooks: No	Steel Manufactured In: ANY
	Tie Clearance: 0-012
	Spiral Clearance: 0-03
	Spacing Tolerance: 0-00
Rebar Coating: Black	Rebar Grade: 60
Plain Coating: Black	Plain Grade: 60
Number of lap lengths to extend a stock bar before lapping: 1	

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Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes	
1	GI	Segment: BUILDING- E Sub-Segment: SPREAD FOOTING																		
2	MT	B-(2'-8"X2'-8" X0'-18")-REF-SE-2(33 EACH)																		
3	TR	BF		60	3			66	19/6	S	2-08							793	3-#6 EW BOTT.	
4	MT	C-(3'-0"X3'-0"X0'-18")-REF-SE-2 (7 EACH)																		
5	TR	BF		60	3			14	19/6	S	3-00							189	3-#6 EW. BOTT.	
6	MT	D-(3'-6"X3'-6"X0'-18")-REF-SE-2(3 EACH)																		
7	TR	BF		60	4			6	19/6	S	3-06							126	4-#6 EW. BOTT.	
8	MT	E-(4'-0"X4'-0"X0'-18")-REF-SE-2 (16 EACH)																		
9	TR	BF		60	4			32	19/6	S	4-00							769	4-#6 EW. BOTT.	
10	MT	F-(5'-0"X5'-0"X0'-18")-REF-SE-2 (4 EACH)																		
11	TR	BF		60	6			8	19/6	S	5-00							360	6-#6 EW. BOTT.	
12	GI	Segment: BUILDING- E Sub-Segment: COUNTINUOUS FOOTING																		
13	MT	F1-1'-6"WIDE FOOTING-REF-SE-2(398'-0" LFT)																		
14	TR	LS		60	3			2	16/5	S	398-00				0	48D	30-00	2,710	3-#5 T&B.	
15	TR	BF		60		398-00	4-00	1	13/4	L	1-06	1-06	1-06	1-06	0-08			450	#4 @48" TIES.	
16	TR	BF		60		398-00	1-06	1	13/4	L	4-00							713	#4 @18" DWLS.	
17	MT	F2-5'-0" WIDE FOOTING -REF-SE-2(126'-0" LFT)																		
18	TR	LS		60	6			2	22/7	S	126-00				0	48D	30-00	3,434	10-#7 T&B.	
19	TR	BF		60		126-00	2-00	1	13/4	L	5-00	5-00	3-00	3-00	0-08			712	#4 @24" TIES.	
20	TR	BF		60		126-00	1-06	1	13/4	L	4-00							227	#4 @18" DWLS.	
21	MT	F3-2'-0" WIDE FOOTING -REF-SE-2(949'-0" LFT)																		
22	TR	LS		60	4			2	16/5	S	949-00				0	48D	30-00	8,628	4-#5 T&B.	
23	TR	BF		60		949-00	0-09	1	13/4	L	2-00	2-00	1-06	1-06	0-08			6,489	#4 @9" TIES.	
24	TR	BF		60		865-00	1-06	1	13/4	L	4-00							1,544	#4 @18" DWLS	
25	MT	0'-6" WIDE-NON - BEARING WALL CONNECTION- (635'-0" LTF)																		
26	TR	LS		60	1			1	16/5	S	635-00				0	48D	30-00	720	1-#5 TOP.	
27	GI	Segment: BUILDING- E Sub-Segment: SLAB ON GRADE																		
28	MT	5" THK SOG-REF-SE-2 - (15182 SQ.FT)																		
29	TR	BF		60	743			2	13/4	S	30-00							29,779	#4 @18" EW.	
30	MT	SOG-EDGE BAR-4/S-1.3-(641'-0" LFT)																		
31	TR	LS		60	1			1	13/4	S	641-00				0	48D	30-00	458	1-#4 CONT.	
32	TR	BF		60	2			13	13/4	S	3-00	1-06	1-06					104	2-#4 OPENING BAR.	
33	TR	BF		60	2			17	13/4	S	3-06	3-00						148	2-#4 OPENING BAR.	
34	TR	BF		60	2			20	13/4	S	3-02	3-00						165	2-#4 OPENING BAR.	
35	GI	Segment: SITE WORK Sub-Segment: PCC PROPOSED																		
36	MT	BUILDING-E & F- REF-C-3.1 - (19908 -SQ FT)																		
37	TR	BF		60	974			1	13/4	S	30-00							19,519	#4 @18" EW.	
38	TR	LS		60	1			2	13/4	S	384-00				0	48D	30-00	548	1-#4 T&B.	
39	MT	BUILDING-B- REF-C-3.2 - (21712 -SQ FT)																		
40	TR	BF		60	1062			1	13/4	S	30-00							21,282	#4 @12" EW.	
41	TR	LS		60	1			2	13/4	S	21-00				0	48D	30-00	28	1-#4 T&B.	
42	TR	BF		60	2			1	13/4	S	19-00							25	2-#4 CONT.	
43	GI	Segment: SITE WORK Sub-Segment: PROPOSED WALL																		
44	MT	BUILDING-E,F & B-REF-AX1.8																		
45	TR	LS		60	3			2	16/5	S	847-00				0	48D	30-00	5,770	#5 @12" T&B.	
46	TR	BF		60		847-00	1-06	2	16/5	S	3-00							3,540	#5 @18" TRANS.	
47	TR	LS		60	1			1	16/5	S	847-00				0	48D	30-00	962	1-#5 CONT.	
48	TR	BF		60		847-00	1-00	1	16/5	S	5-06							4,863	#5 @12" D/V.	
49	TR	LS		60		2-06	1-00	1	13/4	S	847-00				0	48D	30-00	2,424	#4 @12"	
50	TR	LS		60	2			1	13/4	S	847-00				0	48D	30-00	1,212	2-#4 TOP.	
51	GI	Segment: SITE WORK Sub-Segment: CONCRETE CURB																		
52	MT	BUILDING-E & F- REF-C-3.1																		
53	TR	LS		60	2			1	13/4	S	850-00				0	48D	30-00	1,216	2-#4 CURB	
54	TR	BF		60		850-00	2-08	1	13/4	S	1-06							320	#4 @32" VERT.	
55	GI	Segment: SITE WORK Sub-Segment: LIGHT POLE																		
56	MT	BUILDING-E,F & B-REF-EE0.05																		
57	TR	BF		60	6			29	16/5	S	6-00							1,089	6-#5 VERT.	
58	TR	BF		60	4			29	13/4	L	5-09							446	4-#5 TIES.	
59	TR	BF		60	4			29	16/5	L	5-103							713	#5 @12" TIES.	

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Rebar Sub-Segment Summary

Segment: BUILDING- E

Sub-Segment: SPREAD FOOTING

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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** Grade 60, Black **

19/6	2,237	2,237	0	0	0
	<u>2,237</u>	<u>2,237</u>	<u>0</u>	<u>0</u>	<u>0</u>

Sub-Segment: COUNTINUOUS FOOTING

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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** Grade 60, Black **

13/4	10,135	0	0	10,135	0
16/5	12,057	12,057	0	0	11,859
22/7	3,434	3,434	0	0	2,943
	<u>25,626</u>	<u>15,491</u>	<u>0</u>	<u>10,135</u>	<u>14,802</u>

Sub-Segment: SLAB ON GRADE

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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** Grade 60, Black **

13/4	30,654	30,654	0	0	30,220
	<u>30,654</u>	<u>30,654</u>	<u>0</u>	<u>0</u>	<u>30,220</u>

Total for Segment: BUILDING- E

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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** Grade 60, Black **

13/4	40,789	30,654	0	10,135	30,220
16/5	12,057	12,057	0	0	11,859
19/6	2,237	2,237	0	0	0
22/7	3,434	3,434	0	0	2,943
	<u>58,517</u>	<u>48,382</u>	<u>0</u>	<u>10,135</u>	<u>45,022</u>

Rebar Sub-Segment Summary

Segment: SITE WORK

Sub-Segment: PCC PROPOSED

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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** Grade 60, Black **

13/4	41,402	41,402	0	0	41,322
	<u>41,402</u>	<u>41,402</u>	<u>0</u>	<u>0</u>	<u>41,322</u>

Sub-Segment: PROPOSED WALL

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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** Grade 60, Black **

13/4	3,635	3,635	0	0	3,607
16/5	15,135	15,135	0	0	6,571
	<u>18,770</u>	<u>18,770</u>	<u>0</u>	<u>0</u>	<u>10,178</u>

Sub-Segment: CONCRETE CURB

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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** Grade 60, Black **

13/4	1,536	1,536	0	0	1,202
	<u>1,536</u>	<u>1,536</u>	<u>0</u>	<u>0</u>	<u>1,202</u>

Sub-Segment: LIGHT POLE

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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** Grade 60, Black **

13/4	446	0	0	446	0
16/5	1,802	1,089	0	713	0
	<u>2,248</u>	<u>1,089</u>	<u>0</u>	<u>1,159</u>	<u>0</u>

Total for Segment: SITE WORK

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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** Grade 60, Black **

13/4	47,019	46,573	0	446	46,131
16/5	16,937	16,224	0	713	6,571
	<u>63,956</u>	<u>62,797</u>	<u>0</u>	<u>1,159</u>	<u>52,702</u>

Estimate Totals

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
13/4	87,808	77,227	0	10,581	76,351
16/5	28,994	28,281	0	713	18,430
19/6	2,237	2,237	0	0	0
22/7	3,434	3,434	0	0	2,943
	<u>122,473</u>	<u>111,179</u>	<u>0</u>	<u>11,294</u>	<u>97,724</u>