

**INT-014 - STAGHEAD DESIGNS**

**Project Name:** STAGHEAD DESIGNS  
1632 W 2650 S  
OGDEN, UT USA



**Architect:** SILVERPEAK ENGINEERING  
**Engineer:** SILVERPEAK ENGINEERING  
**Customer:** BLUEMARK CONSTRUCTION

**Job Type:** Lump Sum

**Estimator:** admin  
**Creation Date:** 8/5/2022  
**Last Modified:** 8/6/2022  
**Status:** Complete

**Escalation:** No

**Cover Page Comments:****Segment Summary**

Segment	Rebar Wgt	Plain Wgt	Misc. Wgt	Total (Lbs)	Costing
<b>Included Segments:</b>					
<b>FOUNDATION</b>	<b>909</b>	<b>0</b>	<b>0</b>	<b>909</b>	<b>No</b>
SPREAD FOOTING	134	0	0	134	No
CONTINUOUS FOOTING	255	0	0	255	No
STEM WALL	311	0	0	311	No
CONCRETE PIER	40	0	0	40	No
SLAB ON GRADE	169	0	0	169	No

**INT-014 - STAGHEAD DESIGNS****Estimate Defaults**

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

## INT-014 - STAGHEAD DESIGNS

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes
1	GI	Segment: FOUNDATION		Sub-Segment: SPREAD FOOTING															
2	MT	FS3.5 - 3'-6"SQx12"DP																	
3	TR	BF		60	4*2			1	16/5	S	3-00							25	4 #5 B EW
4	MT	(REF: 9/S501)																	
5	TR	BF		60		3-06	1-00	1	16/5	S	2-02							11	#5 @12" OC D/G SW
6	TR	BF		60	2			1	16/5	S	3-06							7	2 #5 D/G LW
7	MT	(REF: 10/S501) (2 EACH)																	
8	TR	BF		60		3-06	1-00	2	16/5	S	2-02							23	#5 @12" OC D/G SW
9	TR	BF		60	2			2	16/5	S	3-06							15	2 #5 D/G LW
10	MT	(REF: 10/S501) (1 EACH)																	
11	TR	BF		60		5-06	1-00	1	16/5	S	4-02							30	#5 @12" OC D/G SW
12	TR	BF		60	4			1	16/5	S	5-06							23	2 #5 D/G LW
13	GI	Segment: FOUNDATION		Sub-Segment: CONTINUOUS FOOTING															
14	MT	CONTINUOUS FOOTING (REF: S101)																	
15	MT	MARK - FS2.0 -2'-0"Wx12"DP																	
16	TR	BF		60	2			2	13/4	S	13-00							35	2 #4 CONT B ES
17	TR	BF		60		13-00	1-00	2	13/4	S	2-00							37	#4 @12" OC TRANS ES
18	TR	BF		60	2			2	13/4	H	2-05	2-05						13	2 #4 COR ES
19	TR	BF		60	2			2	13/4	S	2-11							8	2 #4 D/G DWL ES
20	MT																		
21	TR	LS		60	2			1	13/4	S	38-06				1	2-05	30-00	55	2 #4 CONT B
22	TR	BF		60		38-06	1-00	2	13/4	S	2-00							107	#4 @12" OC TRANS ES
23	GI	Segment: FOUNDATION		Sub-Segment: STEM WALL															
24	MT	STEM WALL (REF: 6/S501)																	
25	MT	CW8A - 8" THK. WALL (TYP @2)																	
26	TR	BF		60		12-06	1-06	2	13/4	H	S90	3-00						49	#4 @18" OC D/V
27	TR	BF		60	1			2	13/4	H	S90	3-00						5	1 #4 D/V COR ES
28	TR	BF		60		2-00	1-00	2	13/4	S	12-06							50	#4 @12" OC HOR
29	TR	BF		60		2-00	1-00	2	13/4	H	2-11	2-11						23	#4 @12" OC HOR CB
30	TR	BF		60		2-00	1-00	2	13/4	S	3-05							14	#4 @12" OC D/G ES
31	MT																		
32	TR	BF		60		31-01	1-06	1	13/4	H	S90	3-00						54	#4 @18" OC D/V
33	TR	LS		60		2-00	1-00	1	13/4	S	31-01				1	2-11	30-00	62	#4 @12" OC HOR
34	MT	AT DOOR OPNG																	
35	TR	BF		60		6-00	1-06	1	13/4	H	S90	2-04						10	#4 @18" OC D/V
36	TR	BF		60		2-00	1-00	1	13/4	S	11-10							24	#4 @12" OC HOR
37	TR	BF		60		6-00	1-06	1	13/4	H	1-06	2-00						12	#4 @18" OC DWL
38	TR	BF		60	1			1	13/4	S	11-10							8	1 #4 CONT
39	GI	Segment: FOUNDATION		Sub-Segment: CONCRETE PIER															
40	MT	MARK - CP16A (REF: 9/S501)																	
41	TR	BF		60	3			1	16/5	H	S90	3-00						12	3 #5 DWL
42	TR	BF		60	5			1	16/5	H	0-09	2-00						14	5 #5 DWL (D/G)
43	TR	TA		60	3				10/3	L	1-04	1-04			3			14	1 #3 TIES
44	GI	Segment: FOUNDATION		Sub-Segment: SLAB ON GRADE															
45	MT	INFILL DWL (REF: 8/S501)																	
46	TR	BF		60	4			1	16/5	S	1-06							6	4 #5 DRILL DWL
47	MT	12" THK. INFILL SLAB																	
48	TR	BF		60		7-10	1-00	1	16/5	S	8-07							81	#5 @12" OC B LW
49	TR	BF		60		8-07	1-00	1	16/5	S	7-10							82	#5 @12" OC B SW

## Rebar Sub-Segment Summary

## Segment: FOUNDATION

## Sub-Segment: SPREAD FOOTING

## \*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\*

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

\*\* Grade 60, Black \*\*

16/5	134	134	0	0	0
	<u>134</u>	<u>134</u>	<u>0</u>	<u>0</u>	<u>0</u>

## Sub-Segment: CONTINUOUS FOOTING

## \*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\*

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

\*\* Grade 60, Black \*\*

13/4	255	242	13	0	40
	<u>255</u>	<u>242</u>	<u>13</u>	<u>0</u>	<u>40</u>

## Sub-Segment: STEM WALL

## \*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\*

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

\*\* Grade 60, Black \*\*

13/4	311	158	153	0	0
	<u>311</u>	<u>158</u>	<u>153</u>	<u>0</u>	<u>0</u>

## Sub-Segment: CONCRETE PIER

## \*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\*

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

\*\* Grade 60, Black \*\*

10/3	14	0	0	14	0
16/5	26	0	26	0	0
	<u>40</u>	<u>0</u>	<u>26</u>	<u>14</u>	<u>0</u>

## Sub-Segment: SLAB ON GRADE

## \*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\*

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
------	-------	----------	-------	-------	-----------

\*\* Grade 60, Black \*\*

16/5	169	169	0	0	0
	<u>169</u>	<u>169</u>	<u>0</u>	<u>0</u>	<u>0</u>

## Rebar Sub-Segment Summary

Segment: FOUNDATION

Total for Segment: FOUNDATION

## \*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\*

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
10/3	14	0	0	14	0
13/4	566	400	166	0	40
16/5	329	303	26	0	0
	<u>909</u>	<u>703</u>	<u>192</u>	<u>14</u>	<u>40</u>

## Estimate Totals

## \*\*\*\* Rebar Weight Summary (Lbs) \*\*\*\*

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
10/3	14	0	0	14	0
13/4	566	400	166	0	40
16/5	329	303	26	0	0
	<u>909</u>	<u>703</u>	<u>192</u>	<u>14</u>	<u>40</u>