

ESTIMATING SUMMARY	
JOB NAME: JAY PEAK RESORT GOLF MAINTENANCE - JAY, VT.	
JOB NUMBER:	CUSTOMER: HARMAC
MANY STEP FTGS?	NO
MANY DIFFERENT B.S.E.	NO
ANY SLOPED WALLS?	NO
MANY JOGS IN THE WALLS?	NO
ANY SPECIAL COATING?	YES
CMU FILE SUB BID?	NO
ACCESSORIES	YES
SITE WORKS?	NO
ADDENDUMS?	NO
ALTERNATES?	NO
DETAILED IN ELEVATION?	NO INFO
EXCLUSION?	YES
WIRE MESH : ASTM A185	WWF LAP: 25%
DETAILING	
FABRICATION	
ADDITIONAL COMMENTS:	- QUALIFICATIONS SEE REPORT

DATE: 9/20/2022

BID DATE: 9/20/2022

**SUMMARY:**

REBARS	UNIT	BLACK	EPOXY	TOTAL
<b>FOUNDATION</b>	<b>Lbs</b>	<b>4839</b>	<b>168</b>	<b>5007</b>
SPREAD FOOTING	Lbs	702		702
CONCRETE PIER	Lbs	1072		1072
CONTINUOUS FOOTING	Lbs	1112		1112
CONCRETE WALL	Lbs	1953	61	2014
SLAB ON GRADE	Lbs	0	107	107
<b>TOTAL</b>	<b>Lbs</b>	<b>4839</b>	<b>168</b>	<b>5007</b>

WIRE MESH	ELEMENT	UNIT	BLACK
6"X6" -W2.1/W2.1 (5'-0"X10'-0")	4" THK -SOG	Sheets	43

ACCESSORIES	ELEMENT	UNIT	BLACK
2" Ht Slab Bolster	4"THK -SOG	LFT	420
3" Ht Slab Bolster	6" THK -SOG	LFT	15

**-32 - JAY PEAK RESORT GOLF MANITENAN**

**Project Name:** JAY PEAK RESORT GOLF MANITENAN  
JAY, VERMONT  
USA

**Architect:** -  
**Engineer:** HARDY STRUCTURAL ENGINEERING  
**Customer:** HARMAC

**Job Type:** Lump Sum



**Estimator:** admin  
**Creation Date:** 9/20/2022  
**Last Modified:** 9/20/2022  
**Status:** Complete

**Escalation:** No

**Cover Page Comments:**

COVER PAGE

ESTIMATING NOTES:

1. SPECIFICATIONS: GENERAL NOTES
2. ADDENDUMS: NONE
3. ALTERNATES: NONE
4. MATERIALS:
  - REINFORCING STEEL TO BE (ASTM A615, GR. 60)
  - REINFORCING STEEL TO BE WELDED (ASTM A706, GR. 60)
  - WELDED WIRE FABRIC (ASTM A1064, GR.80)
5. SCOPE OF WORK INCLUSIONS:
  - \* BUILDING - SPREAD FOOTING, WALL FOOTING, CONCRETE PIER, CONCRETE WALL & SLAB ON GRADE.
6. SPECIFIC EXCLUSIONS:
  - SMOOTH DOWELS.
  - WELDED BARS AND ALL WELDING.
  - MANHOLES, INLETS, ETC., IF ANY
  - STORM SEWER AND ELECTRICAL STRUCTURES NOT LISTED IN QUOTE.
  - MASONRY WALL.
  - PRECAST ELEMENTS.
7. SPECIFIC ASSUMPTIONS: NONE
8. NOTES:
  - WE HAVE USED LAP AS PER THE ACI STANDARDS.

**Drawing References:**

BID SET:

BUILDING

1. STRUCTURAL DWGS: S0-1.0 TO S2-1.0 (3 SHEETS) DATED 08/31/2022.

**32 - JAY PEAK RESORT GOLF MANITENAN**

<b>Segment Summary</b>					
<b>Segment</b>	<b>Rebar Wgt</b>	<b>Plain Wgt</b>	<b>Misc. Wgt</b>	<b>Total (Lbs)</b>	<b>Costing</b>
<b>Included Segments:</b>					
<b>FOUNDATION</b>	<b>5,007</b>	<b>0</b>	<b>0</b>	<b>5,007</b>	<b>No</b>
SPREAD FOOTING	702	0	0	702	No
WALL FOOTING	1,112	0	0	1,112	No
CONCRETE PIER	1,072	0	0	1,072	No
CONCRETE WALL	2,014	0	0	2,014	No
SLAB ON GRADE	107	0	0	107	No

**-32 - JAY PEAK RESORT GOLF MANITENAN****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> 0-012
	<b>Spiral Clearance:</b> 0-03
	<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	

**-32 - JAY PEAK RESORT GOLF MANITENAN**

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	JAY PEAK RESORT GOLF MANITENANCE - REF. S1-1.0																						
3	MT	F-3.0 - 3'-0"X3'-0"X12" - (7 EACH) - REF.S1-1.0																						
4	TR	BF		60	4			14	16/5	S	3-00							175	#5 @12 EW. BOTT.					
5	TR	BF		60	6			2	19/6	H	5-00							90	6-#6 DWLS.					
6	TR	BF		60	4			2	16/5	H	4-04							36	4-#5 DWLS.					
7	TR	BF		60	4			3	16/5	H	4-04							54	4-#5 DWLS.					
8	MT	F-4.0- 4'-0"X4'-0"X12" - (4 EACH) - REF.S1-1.0																						
9	TR	BF		60	5			8	16/5	S	4-00							167	#5 @12 EW. BOTT.					
10	TR	BF		60	6			4	19/6	H	5-00							180	6-#6 DWLS.					
11	GI	Segment: FOUNDATION		Sub-Segment: WALL FOOTING																				
12	MT	(228'-0"X2'-0"X12") - REF.S1-1.0																						
13	TR	BF		60	3			1	16/5	S	240-06							753	3-#5 CONT.BOTT					
14	TR	BF		60	104			1	13/4	L	3-08							255	#4 @18" DWLS					
15	TR	BF		60	43			1	13/4	L	3-08							105	#4 @18" DWLS					
16	GI	Segment: FOUNDATION		Sub-Segment: CONCRETE PIER																				
17	MT	P1 - (1'-8"X1'-10"X6'-6") - (2 EACH) - REF.S2-1.0																						
18	TR	BF		60	6			2	19/6	S	6-06							117	6-#6 VERT.					
19	TR	BF		60	11			2	13/4	L	7-08							113	#4 @12" TIES.					
20	TR	BF		60	11			2	13/4	L	2-06							37	#4 @12" LINKS.					
21	MT	P2 - (1'-6"X1'-0"X6'-6") - (2 EACH) - REF.S1-1.0																						
22	TR	BF		60	4			2	16/5	S	6-06							54	4-#5 VERT.					
23	TR	BF		60	11			2	13/4	L	5-08							83	#4 @12" TIES.					
24	MT	P3 - (1'-10"X1'-2"X6'-6") - (4 EACH) - REF.S1-1.0																						
25	TR	BF		60	6			4	19/6	S	6-06							234	6-#6 VERT.					
26	TR	BF		60	11			4	13/4	L	6-08							196	#4 @12" TIES.					
27	TR	BF		60	11			4	13/4	L	1-10							54	#4 @12" LINKS.					
28	MT	P4 - (1'-0"X1'-0"X6'-6") - (3 EACH) - REF.S1-1.0																						
29	TR	BF		60	4			3	16/5	S	6-06							81	4-#5 VERT.					
30	TR	BF		60	11			3	13/4	L	4-08							103	#4 @12" TIES.					
31	GI	Segment: FOUNDATION		Sub-Segment: CONCRETE WALL																				
32	MT	8" TK WALL - (154 LFT) - REF S1-1.0 (6'-10" H) (154'-0" LFT)																						
33	TR	BF		60	104			1	13/4	S	6-10							475	#4 @18" VERT.					
34	TR	BF		60	8			1	13/4	S	160-00							855	#4 @18" HORIZ.					
35	TR	BF		60	8			4	13/4	S	4-00							85	#4 @18" COR BAR.					
36	MT	8" TK WALL - (62 LFT) - REF S1-1.0 (5'-4" H) (62'-0" LFT)																						
37	TR	BF		60	43			1	13/4	S	5-04							153	#4 @18" VERT.					
38	TR	BF		60	6			1	13/4	S	64-00							257	#4 @18" HORIZ.					
39	TR	BF		E60	23			1	13/4	S	4-00							61	#4 @18" DWLS.(E)					
40	TR	BF		60	6			8	13/4	L	4-00							128	#4 @18" COR BAR.					
41	GI	Segment: FOUNDATION		Sub-Segment: SLAB ON GRADE																				
42	MT	6" TK SOG -(60 SQFT) - REF S1-1.0																						
43	TR	BF		E60	4			1	13/4	S	40-00							107	#4 @12 EW (E)					
44	TI	Sheets			43				MESH													0	4" Thick SOG = 1679 SQ.FT	
45	TI	lft			420				SB2.0														0	4"thk sog=1679 sq.ft
46	TI	lft			15				SB3.0														0	6" thk sog=60 sq.ft

**-32 - JAY PEAK RESORT GOLF MANITENAN**

Segment: FOUNDATION

Total for SPREAD FOOTING

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
16/5	432	342	90	0	0
19/6	270	0	270	0	0
	<u>702</u>	<u>342</u>	<u>360</u>	<u>0</u>	<u>0</u>

Total for WALL FOOTING

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
13/4	360	0	0	360	0
16/5	752	752	0	0	752
	<u>1,112</u>	<u>752</u>	<u>0</u>	<u>360</u>	<u>752</u>

Total for CONCRETE PIER

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
13/4	586	0	0	586	0
16/5	135	135	0	0	0
19/6	351	351	0	0	0
	<u>1,072</u>	<u>486</u>	<u>0</u>	<u>586</u>	<u>0</u>

Total for CONCRETE WALL

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
13/4	1,953	1,825	0	128	1,112
	<u>1,953</u>	<u>1,825</u>	<u>0</u>	<u>128</u>	<u>1,112</u>

\*\* Grade 60, Epoxy \*\*

13/4	61	61	0	0	0
	<u>61</u>	<u>61</u>	<u>0</u>	<u>0</u>	<u>0</u>

\*\* Grand Totals \*\*

13/4	2,014	1,886	0	128	1,112
	<u>2,014</u>	<u>1,886</u>	<u>0</u>	<u>128</u>	<u>1,112</u>

**-32 - JAY PEAK RESORT GOLF MANITENAN**

**Total for SLAB ON GRADE**

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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**\*\* Grade 60, Epoxy \*\***

13/4	107	107	0	0	0
	<u>107</u>	<u>107</u>	<u>0</u>	<u>0</u>	<u>0</u>

**\*\*\*\* Miscellaneous Item Summary \*\*\*\***

**\*\* Undefined Item Class - 'bolster' \*\***

SB2.0	2" Ht Slab Bolster	420.000 lft	=	420.000 lft	@	0.000 / lft	= \$	0.00	0 Lbs	
SB3.0	3" Ht Slab Bolster	15.000 lft	=	15.000 lft	@	0.000 / lft	= \$	0.00	0 Lbs	
<b>Subtotal</b>								= \$	0.00	0 Lbs

**\*\* Undefined Item Class - 'WIRE MESH' \*\***

MESH	6X6-W2.1/W2.1 WWF (5'-0"X10'-0")	43.000 Sheets	=	43.000 Sheets	@	0.000 / Sheets	= \$	0.00	0 Lbs	
<b>Subtotal</b>								= \$	0.00	0 Lbs

<b>Grand Total</b>								= \$	0.00	0 Lbs
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**Total for Segment: FOUNDATION**

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

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

13/4	2,899	1,825	0	1,074	1,112
16/5	1,319	1,229	90	0	752
19/6	621	351	270	0	0
	<u>4,839</u>	<u>3,405</u>	<u>360</u>	<u>1,074</u>	<u>1,864</u>

**\*\* Grade 60, Epoxy \*\***

13/4	168	168	0	0	0
	<u>168</u>	<u>168</u>	<u>0</u>	<u>0</u>	<u>0</u>

**\*\* Grand Totals \*\***

13/4	3,067	1,993	0	1,074	1,112
16/5	1,319	1,229	90	0	752
19/6	621	351	270	0	0
	<u>5,007</u>	<u>3,573</u>	<u>360</u>	<u>1,074</u>	<u>1,864</u>

**\*\*\*\* Miscellaneous Item Summary \*\*\*\***

**\*\* Undefined Item Class - 'bolster' \*\***

SB2.0	2" Ht Slab Bolster	420.000 lft	=	420.000 lft	@	0.000 / lft	= \$	0.00	0 Lbs	
SB3.0	3" Ht Slab Bolster	15.000 lft	=	15.000 lft	@	0.000 / lft	= \$	0.00	0 Lbs	
<b>Subtotal</b>								= \$	0.00	0 Lbs

**\*\* Undefined Item Class - 'WIRE MESH' \*\***

MESH	6X6-W2.1/W2.1 WWF (5'-0"X10'-0")	43.000 Sheets	=	43.000 Sheets	@	0.000 / Sheets	= \$	0.00	0 Lbs	
<b>Subtotal</b>								= \$	0.00	0 Lbs

<b>Grand Total</b>								= \$	0.00	0 Lbs
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**-32 - JAY PEAK RESORT GOLF MANITENAN**

## Estimate Totals

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

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

13/4	2,899	1,825	0	1,074	1,112
16/5	1,319	1,229	90	0	752
19/6	621	351	270	0	0
	<u>4,839</u>	<u>3,405</u>	<u>360</u>	<u>1,074</u>	<u>1,864</u>

**\*\* Grade 60, Epoxy \*\***

13/4	168	168	0	0	0
	<u>168</u>	<u>168</u>	<u>0</u>	<u>0</u>	<u>0</u>

**\*\* Grand Totals \*\***

13/4	3,067	1,993	0	1,074	1,112
16/5	1,319	1,229	90	0	752
19/6	621	351	270	0	0
	<u>5,007</u>	<u>3,573</u>	<u>360</u>	<u>1,074</u>	<u>1,864</u>



**-32 - JAY PEAK RESORT GOLF MAINTENAN**

## Estimate Totals

**\*\*\*\* Miscellaneous Item Summary \*\*\*\*****\*\* Undefined Item Class - 'bolster' \*\***

SB2.0	2" Ht Slab Bolster	420.000 lft	=	420.000 lft	@	0.000 / lft	= \$	0.00	0 Lbs
SB3.0	3" Ht Slab Bolster	15.000 lft	=	15.000 lft	@	0.000 / lft	= \$	0.00	0 Lbs

<b>Subtotal</b>							= \$	0.00	0 Lbs
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**\*\* Undefined Item Class - 'WIRE MESH' \*\***

MESH	6X6-W2.1/W2.1 WWF (5'-0"X10'-0")	43.000 Sheets	=	43.000 Sheets	@	0.000 / Sheets	= \$	0.00	0 Lbs
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<b>Subtotal</b>							= \$	0.00	0 Lbs
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<b>Grand Total</b>							= \$	0.00	0 Lbs
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