

INT-074 - SAFSTOR

Project Name: SAFSTOR
 225 HOWELLS ROAD
 VILLAGE OF BRIGHTWATERS
 SUFFOLK COUNTY, NY.
 USA



Architect: LAUREL MARTIN
Engineer: HAROLD G. HIGGENBOTHAM, P.E
Customer: DICOR CONSTRUCTION

Estimator: admin
Creation Date: 9/6/2022
Last Modified: 9/6/2022
Status: Complete

Job Type: Lump Sum

Escalation: No

Segment Summary

Segment	Rebar Wgt	Plain Wgt	Misc. Wgt	Total (Lbs)	Costing
Included Segments:					
BUILDING	89,022	0	0	89,022	No
SPREAD FOOTING	730	0	0	730	No
CONTINUOUS FOOTING	2,220	0	0	2,220	No
CONCRETE PIER	507	0	0	507	No
CONCRETE WALL	8,130	0	0	8,130	No
MAT FOOTING	73,389	0	0	73,389	No
ELEVATED SLAB	4,046	0	0	4,046	No
DUMPSTER PLAN	580	0	0	580	No
CONTINUOUS FOOTING	380	0	0	380	No
SLAB ON GRADE	200	0	0	200	No

INT-074 - SAFSTOR**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 Sub-Segment: SPREAD FOOTING																	
2	MT	F40 - (4'-0"X4'-0"X12") - (6 EACH) - WEST																	
3	TR	BF		60	5			12	16/5	S	4-00							250	5 #5 EW BOT.
4	MT	F50 - (5'-0"X5'-0"X12") - (5 EACH) - WEST																	
5	TR	BF		60	6			10	16/5	S	5-00							313	6 #5 EW BOT.
6	MT	F40 - (4'-0"X4'-0"X12") - (4 EACH) - EAST																	
7	TR	BF		60	5			8	16/5	S	4-00							167	5 #5 EW BOT.
8	GI	Segment: BUILDING Sub-Segment: CONTINUOUS FOOTING																	
9	MT	F20.12 - (487'-0"X2'-0"X12") - WEST																	
10	TR	BF		60	2			1	16/5	S	529-06							1,105	2 #5 BOT CONT.
11	MT	F20.12 - (492'-0"X2'-0"X12") - EAST																	
12	TR	BF		60	2			1	16/5	S	534-06							1,115	2 #5 BOT CONT.
13	GI	Segment: BUILDING Sub-Segment: CONCRETE PIER																	
14	MT	WEST (2'-0"X1'-6"X1'-6") - (11 EACH) - REF-7/S-5.01																	
15	TR	BF		60	4			11	19/6	H	4-00							264	4-#6 D/V.
16	TR	BF		60	4			11	10/3	L	6-06							108	#3 @12" TIES
17	MT	EAST (2'-0"X1'-6"X1'-6") - (4 EACH) - REF-7/S-5.01																	
18	TR	BF		60	4			4	19/6	H	4-00							96	4-#6 D/V.
19	TR	BF		60	4			4	10/3	L	6-06							39	#3 @12" TIES
20	GI	Segment: BUILDING Sub-Segment: CONCRETE WALL																	
21	MT	8" WALL (LFT 412) REF.S-1.01A - WEST																	
22	TR	BF		60	276			1	16/5	H	3-10							1,103	#5 @18" D/V.
23	TR	BF		60	3			1	16/5	S	444-06							1,391	#5 @18" HORI.
24	TR	BF		60	208			1	13/4	L	3-04							463	#4 @24" SLAB DWLS
25	MT	8" WALL (LFT 55) REF.S-1.01A																	
26	TR	BF		60	38			1	16/5	H	6-04							251	#5 @18" D/V.
27	TR	BF		60	3			1	16/5	S	57-06							180	#5 @18" HORI.1
28	MT	8" WALL (LFT 422) REF.S-1.01A - EAST																	
29	TR	BF		60	254			1	16/5	H	3-10							1,015	#5 @18" D/V.
30	TR	BF		60	3			1	16/5	S	453-06							1,419	#5 @18" HORI.
31	TR	BF		60	212			1	13/4	L	3-04							472	#4 @24" SLAB DWLS
32	MT	8" WALL (LFT 55) REF.S-1.01A - EAST																	
33	TR	BF		60	38			1	16/5	H	6-04							251	#5 @18" D/V.
34	TR	BF		60	3			1	16/5	S	57-06							180	#5 @18" HORI.
35	MT	12" CONCRETE WALL - REF - S.1.01A - WEST																	
36	TR	BF		60	49			2	13/4	S	4-00							262	#4 @12" EF
37	TR	BF		60	5			2	13/4	S	50-00							334	#4 @12" EF
38	TR	BF		60	6			1	13/4	L	2-06							10	#4 @12" SLAB DWLS
39	TR	BF		60	37			1	13/4	S	4-00							99	#4 @12" CMU DWLS
40	MT	12" CONCRETE WALL - REF - S.1.01A - EAST																	
41	TR	BF		60	49			2	13/4	S	4-00							262	#4 @12" EF
42	TR	BF		60	5			2	13/4	S	50-00							334	#4 @12" EF
43	TR	BF		60	3			1	13/4	L	2-06							5	#4 @12" TOP
44	TR	BF		60	37			1	13/4	S	4-00							99	#4 @12" CMU DWLS
45	GI	Segment: BUILDING Sub-Segment: MAT FOOTING																	
46	MT	7" THK SLAB (16678 Sq ft) REF.S-1.01A - WEST																	
47	TR	BF		60	1632			1	13/4	S	30-00							32,705	#4 @9" EW
48	TR	BF		60	2			3	13/4	S	6-00							24	2 #4 ADD'L
49	TR	BF		60	2			7	13/4	L	4-10							45	2 #4 ADD'L COR.
50	MT	16" MAT - (204 Sq ft) REF.S-1.01A - WEST																	
51	TR	BF		60	47			1	16/5	S	30-00							1,471	#5 @8" EW T&B
52	TR	BF		60	2			4	16/5	S	219-00							1,827	2 #5 ES T&B
53	TR	BF		60	49			1	13/4	L	4-00							131	#4 @12" FTG DWLS
54	MT	7" THK SLAB (17840 Sq ft) REF.S-1.01A - EAST																	
55	TR	BF		60	1746			1	13/4	S	30-00							34,990	#4 @9" EW
56	TR	BF		60	2			5	13/4	S	6-00							40	2 #4 ADD'L
57	TR	BF		60	2			7	13/4	L	4-10							45	2 #4 ADD'L COR.
58	MT	16" TK MAT - (204 Sq ft) REF.S-1.01A - EAST																	
59	TR	BF		60	47			1	16/5	S	30-00							1,471	#5 @8" EW T&B
60	TR	BF		60	2			4	16/5	S	28-05							237	2 #5 ES T&B
61	TR	BF		60	49			1	13/4	L	4-00							131	#4 @12" FTG DWLS

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Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes
62	MT	THICKENED EDGE (LFT 7) REF-1.01B - WEST																	
63	TR	BF		60	2			1	16/5	S	7-00							15	2 #5 CONT.
64	MT	THICKENED EDGE (LFT 7) REF-1.01B - EAST																	
65	TR	BF		60	2			1	16/5	S	7-00							15	2 #5 CONT.
66	MT	ELEVATOR SUMP PIT - REF - S.1.01A - WEST																	
67	TR	BF		60	7			1	16/5	H	5-00							37	#5 @8" MAT DWLS
68	TR	BF		60	7			1	16/5	H	4-08							34	#5 @8" ADD'L
69	TR	BF		60	7			1	13/4	L	10-081							50	#4 @8" ADD'L
70	MT	ELEVATOR SUMP PIT - REF - S.1.01B - EAST																	
71	TR	BF		60	7			1	16/5	H	5-00							37	#5 @8" MAT DWLS
72	TR	BF		60	7			1	16/5	H	4-08							34	#5 @8" ADD'L
73	TR	BF		60	7			1	13/4	L	10-081							50	#4 @8" ADD'L
74	GI	Segment: BUILDING Sub-Segment: ELEVATED SLAB																	
75	MT	SECOND FLOOR FRAMING PLAN WEST - REF - S.2.01A																	
76	TR	BF		60	2			1	16/5	S	481-00							1,003	2 #5 CONT.
77	TR	BF		60	2			1	16/5	S	489-00							1,020	2 #5 CONT.
78	MT	THIRD FLOOR FRAMING PLAN WEST - REF - S-2.01A																	
79	TR	BF		60	2			1	16/5	S	481-00							1,003	2 #5 CONT.
80	TR	BF		60	2			1	16/5	S	489-00							1,020	2 #5 CONT.
81	GI	Segment: DUMPSTER PLAN Sub-Segment: CONTINUOUS FOOTING																	
82	MT	F25.12 - (39'-0"X2'-6"X12")																	
83	TR	BF		60	3			1	16/5	S	41-06							130	3 #5 CONT. BOT
84	TR	BF		60	28			1	16/5	S	2-06							73	#5 @18" TRANS.
85	TR	BF		60	15			1	16/5	H	4-04							68	#5 @32" DWLS
86	TR	BF		60	2			2	16/5	S	16-00							67	2 #5 T&B.CONT.
87	TR	BF		60	17			1	13/4	L	3-08							42	#4 @12" SLAB DWLS
88	GI	Segment: DUMPSTER PLAN Sub-Segment: SLAB ON GRADE																	
89	MT	6" THK SLAB (127 Sq ft) REF-S-5.02																	
90	TR	BF		60	10			1	13/4	S	30-00							200	#4 @12" EW

Rebar Sub-Segment Summary

Segment: BUILDING

Sub-Segment: SPREAD FOOTING

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

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

16/5	730	730	0	0	0
	<u>730</u>	<u>730</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
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** Grade 60, Black **

16/5	2,220	2,220	0	0	2,220
	<u>2,220</u>	<u>2,220</u>	<u>0</u>	<u>0</u>	<u>2,220</u>

Sub-Segment: CONCRETE PIER

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

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

10/3	147	0	0	147	0
19/6	360	0	360	0	0
	<u>507</u>	<u>0</u>	<u>360</u>	<u>147</u>	<u>0</u>

Sub-Segment: CONCRETE WALL

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

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

13/4	2,340	1,390	0	950	0
16/5	5,790	3,170	2,620	0	2,810
	<u>8,130</u>	<u>4,560</u>	<u>2,620</u>	<u>950</u>	<u>2,810</u>

Sub-Segment: MAT FOOTING

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

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

13/4	68,211	67,759	0	452	0
16/5	5,178	5,036	142	0	1,827
	<u>73,389</u>	<u>72,795</u>	<u>142</u>	<u>452</u>	<u>1,827</u>

Rebar Sub-Segment Summary

Segment: BUILDING

Sub-Segment: ELEVATED SLAB

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

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

16/5	4,046	4,046	0	0	4,046
	<u>4,046</u>	<u>4,046</u>	<u>0</u>	<u>0</u>	<u>4,046</u>

Total for Segment: BUILDING

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

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

10/3	147	0	0	147	0
13/4	70,551	69,149	0	1,402	0
16/5	17,964	15,202	2,762	0	10,903
19/6	360	0	360	0	0
	<u>89,022</u>	<u>84,351</u>	<u>3,122</u>	<u>1,549</u>	<u>10,903</u>

Rebar Sub-Segment Summary

Segment: DUMPSTER PLAN

Sub-Segment: CONTINUOUS FOOTING

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
13/4	42	0	0	42	0
16/5	338	270	68	0	0
	<u>380</u>	<u>270</u>	<u>68</u>	<u>42</u>	<u>0</u>

Sub-Segment: SLAB ON GRADE

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
13/4	200	200	0	0	0
	<u>200</u>	<u>200</u>	<u>0</u>	<u>0</u>	<u>0</u>

Total for Segment: DUMPSTER PLAN

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
13/4	242	200	0	42	0
16/5	338	270	68	0	0
	<u>580</u>	<u>470</u>	<u>68</u>	<u>42</u>	<u>0</u>

Estimate Totals

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

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
** Grade 60, Black **					
10/3	147	0	0	147	0
13/4	70,793	69,349	0	1,444	0
16/5	18,302	15,472	2,830	0	10,903
19/6	360	0	360	0	0
	<u>89,602</u>	<u>84,821</u>	<u>3,190</u>	<u>1,591</u>	<u>10,903</u>