

Rebar Estimation Cover Sheet
SOUTH NORWALK ELEMENTARY SCHOOL
Project No : 000

Estimation Number:
Bid Date -

Revision No :
Bid Type :

Address: SOUTH NORWALK ELEMENTARY SCHOOL
NORWALK, CONNECTICUT

Architect: TECTON ARCHITECTS

Phone: -

Fax: -

Engineer: MICHAEL HORTON ASSOCIATES INC

Phone: 203.481.8600

Fax: -

**Document Issue Date and
Authority :**

Date & Place of Bid

Opening :

Duration :

Specifications :

Addendum :

Drawing Used For Estimate :

1. A0.10 TO A-8.21 Dated on 11-17-23
2. S0.00 TO S6.02 Dated on 11-17-23
3. CD100 TO CU502 Dated on 11-17-23

Inclusion :

1. Column Footing, Wall Footing, Slab on Grade, Slab & Site Work.

Exclusion:

- 1.Rebar Welded to Structural Steel
- 2.Storm Sewer and electrical structures not listed in quote
- 3.Manhole,Inlets, Etc., If any

Assumptions :

Notes :

- 1.All Reinforcing bars shall be Deformed ASTM A-615, Grade60 Domestic or Non Domestic Rebars.
- 2.Rebar accessories as per standard practices

Rebar Estimation Takeoff Sheet

SOUTH NORWALK ELEMENTARY SCHOOL

Project No : 000

Bid Date : -

1. ESTIMATED WEIGHT BY ELEMENTS BASE BID

Weight in Lbs	Elements
29332	COLUMN FOOTING
35553	WALL FOOTING
1973	SLAB ON GRADE
66857	Total Weight in lbs
Total Rebar Weight in this Project	
	33.43 Tons

1A. ESTIMATED WEIGHT BY ELEMENTS SITE WORK

Weight in Lbs	Elements
7697	SITE WORK
7697	Total Weight in lbs
Total Rebar Weight in this Project	
	3.85 Tons

2. ESTIMATED WEIGHT LISTED BY ELEMEN

2A. COLUMN FOOTING/PIER

Sum of Weight(LBS)	Bend Type				Grand Total
Bar Dia	HB	LB	ST		
4			4950	3463	8413
5				5219	5219
6				1099	1099
7				6655	6655
8		7945			7945
Grand Total		7945	4950	16437	29332

2B. WALL FOOTING/STEM WALL

Sum of Weight(LBS)	Bend Type					Grand Total
Bar Dia	HB	LB	SL	ST		
4			9858	7996	72	17926
5		4307		7416	2636	14358
6				2163	1105	3268
Grand Total		4307	9858	17575	3813	35553

2C. SLAB ON GRADE

Sum of Weight(LBS)	Bend Type					Grand Total
Bar Dia	HB	LB	SL	ST		
4			439	481	294	1214
5		32			727	759
Grand Total		32	439	481	1021	1973

2D. SITE WORK

Sum of Weight(LBS)	Bend Type				Grand Total
Bar Dia	SL	LB	ST		
3		722			722
4		2244	407	265	2916
Grand Total		2966	407	265	3637

3. ESTIMATED WEIGHT LISTED BY BLACK REBAR BASE BID

Barsize	Weight(Lbs)
#2	
#3	
#4	27553
#5	20336
#6	4368
#7	6655
#8	7945
#9	
#10	
#11	
#14	
Total Weight (Lbs)	66857

3A. ESTIMATED WEIGHT LISTED BY BLACK REBAR SITE WORK

Barsize	Weight(Lbs)
#2	
#3	722
#4	2916
#5	
#6	
#7	
#8	
#9	
#10	
#11	
#14	
Total Weight (Lbs)	3637

Rebar Estimation Takeoff Sheet

SOUTH NORWALK ELEMENTARY SCHOOL

Project No : 000

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4A. ESTIMATED ACCESSORIES DETAILS - BASE BID (BUILDING)

Element	Accessories Detail	Quantity	Area	Remarks	Structures
5" SOG	6x6-W2.9xW2.9 W.W.F	590	25610	5" SOG	S1.00A
6" SOG	6x6-W2.9xW2.9 W.W.F	646	28070	6" SOG	S1.00A
4" SLAB	6x6-W2.9xW2.9 W.W.F	483	20980	4" SLAB	S1.10A
5" SLAB	6x6-W2.9xW2.9 W.W.F	392	20980	5" SLAB	S1.10B
5" SLAB	6x6-W2.9xW2.9 W.W.F	12	20980	5" SLAB	S4.10
4" SLAB	6x6-W2.9xW2.9 W.W.F	4	20980	4" SLAB	S4.10

4B. ESTIMATED ACCESSORIES DETAILS - BASE BID (SITE WORK)

4" SIDEWALK	4x4-W4xW4 W.W.M	501	21760	4" SIDEWALK	CS101&CS102
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BAR INPUT - COLUMN FOOTING/PIER

JOB NAME
LOCATIONS
BID DATE

SOUTH NORWALK ELEMENTARY SCHOOL
NORWALK, CONNECTICUT

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SL.No	Element	Multi	Qty	Bar Dia	Bend Type	Length	Weight(LBS)
1	COLUMN FOOTING/PIER						0.00
2	BUILDING-A						0.00
3	SHEET S1.00A						0.00
4	MARK F40-(4'-0"X4'-0"X1'-3") (33 LOCS)						0.00
5	8 #4 EW BOT	33	16	4	ST	4.00	1410.82
6							0.00
7	MARK F40T-(4'-0"X4'-0"X1'-3") (5 LOCS)						0.00
8	8 #4 EW BOT	5	16	4	ST	4.00	213.76
9	8 #4 EW TOP	5	16	4	ST	4.00	213.76
10	#4 @48" STANDEE	5	4	4	LB	6.42	85.77
11							0.00
12	MARK F50-(5'-0"X5'-0"X1'-3") (22 LOCS)						0.00
13	6 #5 EW BOT	22	12	5	ST	5.00	1376.76
14							0.00
15	MARK F50T-(5'-0"X5'-0"X1'-3") (1 LOCS)						0.00
16	6 #5 EW BOT		12	5	ST	5.00	62.58
17	6 #5 EW TOP		12	5	ST	5.00	62.58
18							0.00
19	MARK F60T-(6'-0"X6'-0"X1'-6") (3 LOCS)						0.00
20	8 #5 EW BOT	3	16	5	ST	6.00	300.38
21	8 #5 EW TOP	3	16	5	ST	6.00	300.38
22	#4 @48" STANDEE	3	4	4	LB	6.75	54.11
23							0.00
24	MARK F70T-(7'-0"X7'-0"X1'-6") (4 LOCS)						0.00
25	9 #5 EW BOT	4	18	5	ST	7.00	525.67
26	9 #5 EW TOP	4	18	5	ST	7.00	525.67
27	#4 @48" STANDEE	4	4	4	LB	6.75	72.14
28							0.00
29	MARK F80T-(8'-0"X8'-0"X2'-0") (3 LOCS)						0.00
30	7 #7 EW BOT	3	14	7	ST	8.00	686.78
31	7 #7 EW TOP	3	14	7	ST	8.00	686.78
32	#4 @48" STANDEE	3	4	4	LB	7.50	60.12
33							0.00
34	MARK F100T-(10'-0"X10'-0"X2'-0") (1 LOCS)						0.00
35	9 #7 EW BOT		18	7	ST	10.00	367.92
36	9 #7 EW TOP		18	7	ST	10.00	367.92
37	#4 @48" STANDEE		9	4	LB	7.50	45.09
38							0.00
39	MARK F110T-(11'-0"X11'-0"X2'-3") (1 LOCS)						0.00
40	9 #7 EW BOT		22	7	ST	11.00	494.65
41	9 #7 EW TOP		22	7	ST	11.00	494.65
42	#4 @48" STANDEE		9	4	LB	7.83	47.07
43							0.00
44	MARK F6040-(4'-0"X6'-0"X1'-6") (4 LOCS)						0.00
45	4 #6 LW T&B	4	8	6	ST	6.00	288.38
46	6 #6 SW T&B	4	12	6	ST	4.00	288.38
47	#4 @48" STANDEE	4	4	4	LB	6.75	72.14
48							0.00
49	MARK F7050T-(5'-0"X7'-0"X1'-6") (3 LOCS)						0.00
50	4 #6 LW T&B	3	8	6	ST	7.00	252.34

BAR INPUT - COLUMN FOOTING/PIER

JOB NAME
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SOUTH NORWALK ELEMENTARY SCHOOL
NORWALK, CONNECTICUT

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SL.No	Element	Multi	Qty	Bar Dia	Bend Type	Length	Weight(LBS)
51	6 #6 SW T&B	3	12	6	ST	5.00	270.36
52	#4 @48" STANDEE	3	6	4	LB	6.75	81.16
53							0.00
54	PIER						0.00
55	MARK-P1 (2'-0"X2'-0"X 2'-4") (62 LOC)						0.00
56	4 #8 D/V	62	4	8	HB	5.67	3754.45
57	#4 @12" TIES	62	5	4	LB	8.75	1811.95
58	1 #5 ADDL	24	1	5	ST	6.00	150.19
59							0.00
60	MARK-P1 (2'-0"X2'-0"X 4'-4") (2 LOC)						0.00
61	4 #8 D/V	2	4	8	HB	7.67	163.83
62	#4 @12" TIES	2	7	4	LB	8.75	81.83
63							0.00
64	MARK-P2 (2'-0"X3'-0"X 2'-4") (3 LOC)						0.00
65	6 #8 D/V	3	6	8	HB	5.67	272.50
66	#4 @12" TIES	3	5	4	LB	10.75	107.72
67	#4 @12" LINKS	3	5	4	LB	2.75	27.56
68	7 #4 ADDL	3	7	4	LB	4.33	60.74
69							0.00
70	MARK-P3 (2'-4"X3'-2"X 2'-4") (3 LOC)						0.00
71	8 #8 D/V	3	8	8	HB	5.67	363.33
72	#4 @12" TIES	3	5	4	LB	11.75	117.78
73	#4 @12" LINKS	3	5	4	LB	3.08	30.86
74	12 #4 ADDL	3	12	4	LB	4.50	108.22
75							0.00
76	BUILDING-B						0.00
77	SHEET S1.00B						0.00
78	MARK F40-(4'-0"X4'-0"X1'-3") (34 LOCS)						0.00
79	8 #4 EW BOT	34	16	4	ST	4.00	1453.57
80							0.00
81	MARK F40T-(4'-0"X4'-0"X1'-3") (2 LOCS)						0.00
82	8 #4 EW BOT	2	16	4	ST	4.00	85.50
83	8 #4 EW TOP	2	16	4	ST	4.00	85.50
84	#4 @48" STANDEE	2	4	4	LB	6.42	34.31
85							0.00
86	MARK F50-(5'-0"X5'-0"X1'-3") (10 LOCS)						0.00
87	6 #5 EW BOT	10	12	5	ST	5.00	625.80
88							0.00
89	MARK F60T-(6'-0"X6'-0"X1'-6") (2 LOCS)						0.00
90	8 #5 EW BOT	2	16	5	ST	6.00	200.26
91	8 #5 EW TOP	2	16	5	ST	6.00	200.26
92	#4 @48" STANDEE	2	4	4	LB	6.75	36.07
93							0.00
94	MARK F70-(7'-0"X7'-0"X1'-6") (2 LOCS)						0.00
95	9 #5 EW BOT	2	18	5	ST	7.00	262.84
96							0.00
97	MARK F70T-(7'-0"X7'-0"X1'-6") (2 LOCS)						0.00
98	9 #5 EW BOT	2	18	5	ST	7.00	262.84
99	9 #5 EW TOP	2	18	5	ST	7.00	262.84
100	#4 @48" STANDEE	2	4	4	LB	6.75	36.07

BAR INPUT - COLUMN FOOTING/PIER

JOB NAME
LOCATIONS
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SOUTH NORWALK ELEMENTARY SCHOOL
NORWALK, CONNECTICUT

SL.No	Element	Multi	Qty	Bar Dia	Bend Type	Length	Weight(LBS)	
101							0.00	
102	MARK F80T-(8'-0"X8'-0"X2'-0") (3 LOCS)							0.00
103	7 #7 EW BOT	3	14	7	ST	8.00	686.78	
104	7 #7 EW TOP	3	14	7	ST	8.00	686.78	
105	#4 @48" STANDEE	3	4	4	LB	7.50	60.12	
106							0.00	
107	MARK F90T-(9'-0"X9'-0"X2'-0") (2 LOCS)							0.00
108	8 #7 EW BOT	2	16	7	ST	8.00	523.26	
109	8 #7 EW TOP	2	16	7	ST	8.00	523.26	
110	#4 @48" STANDEE	2	9	4	LB	7.50	90.18	
111							0.00	
112	MARK F100T-(10'-0"X10'-0"X2'-0") (1 LOCS)							0.00
113	9 #7 EW BOT		18	7	ST	10.00	367.92	
114	9 #7 EW TOP		18	7	ST	10.00	367.92	
115	#4 @48" STANDEE		9	4	LB	7.50	45.09	
116							0.00	
117	MARK F70T.B-(7'-0"X7'-0"X2'-0") (1 LOCS)							0.00
118	7 #7 EW BOT		14	7	ST	7.00	200.31	
119	7 #7 EW TOP		14	7	ST	7.00	200.31	
120	#4 @48" STANDEE		4	4	LB	6.75	18.04	
121							0.00	
122	PIER							0.00
123	MARK-P1 (2'-0"X2'-0"X 2'-4") (47 LOC)							0.00
124	4 #8 D/V	47	4	8	HB	5.67	2846.11	
125	#4 @12" TIES	47	5	4	LB	8.75	1373.58	
126	1 #5 ADDL	16	1	5	ST	6.00	100.13	
127							0.00	
128	MARK-P2 (2'-0"X3'-0"X 2'-4") (6 LOC)							0.00
129	6 #8 D/V	6	6	8	HB	5.67	545.00	
130	#4 @12" TIES	6	5	4	LB	10.75	215.43	
131	#4 @12" LINKS	6	5	4	LB	2.75	55.11	
132	7 #4 ADDL	6	7	4	LB	4.33	121.48	
133							0.00	
134							0.00	
135							0.00	
136							0.00	
137							0.00	
138							0.00	
139							0.00	
140							0.00	
141							0.00	
142							0.00	
143							0.00	
144							0.00	
145							0.00	
146							0.00	
147							0.00	
148							0.00	
149							0.00	
150							0.00	
Total Weight							29331.77	

BAR INPUT - WALL FOOTING/STEM WALL

JOB NAME
LOCATIONS
BID DATE

SOUTH NORWALK ELEMENTARY SCHOOL
NORWALK, CONNECTICUT

-

SL.No	Element	Multi	Qty	Bar Dia	Bend Type	Length	Weight(LBS)
1	WALL FOOTING/STEM WALL						0.00
2	BUILDING-A						0.00
3	SHEET S1.00A						0.00
4	REF SEC 1&1A/S3.00 (3'-8" X 1'-0" X 90 LFT)						0.00
5	3 #5 CONT	4	3	5	SL	30.00	375.48
6							0.00
7	REF SEC 2/S3.00 (3'-0" X 1'-0" X 721 LFT)						0.00
8	3 #5 CONT	27	3	5	SL	30.00	2534.49
9	3 #5 COR	12	3	5	HB	5.17	194.12
10	3 #5 ADDL	7	3	5	HB	6.83	149.60
11	3 #5 ADDL		3	5	HB	11.58	36.23
12	3 #5 ADDL	3	3	5	HB	6.83	64.11
13							0.00
14	REF SEC 4/S3.00 (8'-0" X 1'-3" X 70 LFT)						0.00
15	6 #6 CONT T&B	2	12	6	SL	30.00	1081.44
16	#6 @14" TRANS T&B		62	6	ST	8.00	744.99
17	#4 @48" STANDEE		36	4	LB	6.42	154.39
18							0.00
19	REF SEC 12/S3.00 (3'-0" X 1'-0" X 44 LFT)						0.00
20	3 #5 CONT	2	3	5	SL	30.00	187.74
21	#5 @14" TRANS		46	5	ST	3.00	143.93
22							0.00
23	STEM WALL						0.00
24	24" WALL						0.00
25	REF SEC 1&1A/S3.00 (2'-0" X 3'-0" X 103 LFT)						0.00
26	#4 @18" D/V EF		220	4	LB	6.83	1003.74
27	#4 @16" HOR EF	4	6	4	SL	30.00	480.96
28	#4 @16" COR OF	2	3	4	LB	4.17	16.71
29	#4 @16" COR IF	2	6	4	LB	2.75	22.04
30							0.00
31	16" WALL						0.00
32	REF SEC 2/S3.00 (1'-4"X 3'-0" X 496 LFT)						0.00
33	#4 @18" D/V EF		720	4	LB	6.83	3284.96
34	#4 @16" HOR EF	18	6	4	SL	30.00	2164.32
35	#4 @16" COR OF	15	3	4	LB	4.17	125.35
36	#4 @16" COR IF	15	6	4	LB	2.75	165.33
37							0.00
38	12" WALL						0.00
39	REF SEC 8/S3.00 (1'-4"X 3'-0" X 18 LFT)						0.00
40	#5 @18" D/V EF		26	5	HB	6.83	185.22
41	#4 @16" HOR EF		6	4	ST	18.00	72.14
42							0.00
43	8" WALL						0.00
44	REF SEC 4&12/S3.00 (0'-8"X 3'-0" X 188 LFT)						0.00
45	#5 @12" D/V		200	5	HB	4.83	1007.54
46	#4 @12" HOR	7	4	4	SL	30.00	561.12
47	#4 @12" COR	6	4	4	LB	4.17	66.85
48	#5 @32" CMU DWL		90	5	ST	5.00	469.35
49							0.00
50	8" WALL						0.00

BAR INPUT - WALL FOOTING/STEM WALL

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SOUTH NORWALK ELEMENTARY SCHOOL
NORWALK, CONNECTICUT
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SL.No	Element	Multi	Qty	Bar Dia	Bend Type	Length	Weight(LBS)
51	REF SEC 9/S3.01 (0'-8"X 5'-4" X 65 LFT)						0.00
52	#5 @12" DWL		70	5	HB	4.00	292.04
53	#5 @12" VERT		70	5	ST	5.33	389.14
54	#4 @12" HOR	3	6	4	SL	30.00	360.72
55	#5 @32" CMU DWL		35	5	ST	5.00	182.53
56							0.00
57	BUILDING-B						0.00
58	SHEET S1.00B						0.00
59	REF SEC 1&1A/S3.00 (3'-8" X 1'-0" X 118 LFT)						0.00
60	3 #5 CONT	5	3	5	SL	30.00	469.35
61							0.00
62	REF SEC 6&7/S3.00 (3'-0" X 1'-0" X 996 LFT)						0.00
63	3 #5 CONT	37	3	5	SL	30.00	3473.19
64	3 #5 COR	28	3	5	HB	5.17	452.95
65							0.00
66	REF SEC 11/S3.00 (2'-0" X 1'-0" X 70 LFT)						0.00
67	2 #5 CONT	3	2	5	SL	30.00	187.74
68							0.00
69	REF SEC 4/S3.00 (8'-0" X 1'-3" X 34 LFT)						0.00
70	6 #6 CONT T&B	2	12	6	SL	30.00	1081.44
71	#6 @14" TRANS T&B		30	6	ST	8.00	360.48
72	#4 @48" STANDEE		16	4	LB	6.42	68.62
73							0.00
74	REF SEC 6/S6.00 (2'-0" X 1'-0" X 77 LFT)						0.00
75	2 #5 CONT	3	2	5	SL	30.00	187.74
76	2 #5 COR	2	2	5	HB	5.17	21.57
77							0.00
78	STEM WALL						0.00
79	24" WALL						0.00
80	REF SEC 1&1A/S3.00 (2'-0" X 3'-0" X 103 LFT)						0.00
81	#4 @18" D/V EF		220	4	LB	6.83	1003.74
82	#4 @16" HOR EF	4	6	4	SL	30.00	480.96
83							0.00
84	16" WALL						0.00
85	REF SEC 2/S3.00 (1'-4"X 3'-0" X 498 LFT)						0.00
86	#4 @18" D/V EF		720	4	LB	6.83	3284.96
87	#4 @16" HOR EF	18	6	4	SL	30.00	2164.32
88	#4 @16" COR OF	12	3	4	LB	4.17	100.28
89	#4 @16" COR IF	12	6	4	LB	2.75	132.26
90							0.00
91	8" WALL						0.00
92	REF SEC 4&12/S3.00 (0'-8"X 3'-0" X 370 LFT)						0.00
93	#5 @12" D/V		300	5	HB	4.83	1511.31
94	#4 @12" HOR	14	4	4	SL	30.00	1122.24
95	#4 @12" COR	18	4	4	LB	4.17	200.56
96	#5 @32" CMU DWL		160	5	ST	5.00	834.40
97	#5 @16" CMU DWL		18	5	ST	5.00	93.87
98							0.00
99	8" WALL						0.00
100	REF SEC 8/S3.01 (0'-8"X 5'-4" X 89 LFT)						0.00

BAR INPUT - WALL FOOTING/STEM WALL

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SOUTH NORWALK ELEMENTARY SCHOOL
NORWALK, CONNECTICUT

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SL.No	Element	Multi	Qty	Bar Dia	Bend Type	Length	Weight(LBS)
101	#5 @12" DWL		94	5	HB	4.00	392.17
102	#5 @12" VERT		94	5	ST	5.33	522.56
103	#4 @12" HOR	4	6	4	SL	30.00	480.96
104	#4 @12" COR	5	6	4	LB	4.17	83.57
105							0.00
106	8" WALL						0.00
107	REF SEC 11/S3.00 (0'-8"X 2'-0" X 70 LFT)						0.00
108	#4 @18" D/V		50	4	LB	4.33	144.62
109	#4 @12" HOR	3	3	4	SL	30.00	180.36
110							0.00
111							0.00
112							0.00
113							0.00
114							0.00
115							0.00
116							0.00
117							0.00
118							0.00
119							0.00
120							0.00
121							0.00
122							0.00
123							0.00
124							0.00
125							0.00
126							0.00
127							0.00
128							0.00
129							0.00
130							0.00
131							0.00
132							0.00
133							0.00
134							0.00
135							0.00
136							0.00
137							0.00
138							0.00
139							0.00
140							0.00
141							0.00
142							0.00
143							0.00
144							0.00
145							0.00
146							0.00
147							0.00
148							0.00
149							0.00
150							0.00

BAR INPUT -SLAB ON GRADE

JOB NAME
LOCATIONS
BID DATE

SOUTH NORWALK ELEMENTARY SCHOOL
NORWALK, CONNECTICUT
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SL.No	Element	Multi	Qty	Bar Dia	Bend Type	Length	Weight(LBS)
1	SLAB ON GRADE						0.00
2	SHEET S1.00A						0.00
3	SLAB ADDL						0.00
4	2 #5 DIAG	4	2	5	ST	5.00	41.72
5							0.00
6	SHEET S1.00B						0.00
7	SLAB ADDL						0.00
8	2 #5 DIAG	20	2	5	ST	5.00	208.60
9							0.00
10	ELEVATOR PIT						0.00
11	REF SEC 9/S3.00						0.00
12	12" THK MAT (12'-9"X11'-6")						0.00
13	#5 @12" LW T&B		13	5	ST	12.75	172.88
14	#5 @12" SW T&B		14	5	ST	11.50	167.92
15	#4 @48" STANDEE		9	4	LB	6.00	36.07
16	#5 @12" ADDL DWL EW		8	5	HB	3.83	31.96
17							0.00
18	12" THK WALL (40'-0"X5'-0")						0.00
19	#4 @12" DWL OF		44	4	LB	5.17	151.96
20	#4 @12" VERT EF		88	4	ST	5.00	293.92
21	#4 @12" HOR EF	2	12	4	SL	30.00	480.96
22	#4 @12" COR EF	4	12	4	LB	4.17	133.71
23	#4 @12" ADDL		44	4	LB	4.00	117.57
24	#5 @32" CMU DWL		26	5	ST	5.00	135.59
25							0.00
26							0.00
27							0.00
28							0.00
29							0.00
30							0.00
31							0.00
32							0.00
33							0.00
34							0.00
35							0.00
36							0.00
37							0.00
38							0.00
39							0.00
40							0.00
41							0.00
42							0.00
43							0.00
44							0.00
45							0.00
46							0.00
47							0.00
48							0.00
49							0.00
50							0.00

BAR INPUT - SITE WORK

JOB NAME
LOCATIONS
BID DATE

SOUTH NORWALK ELEMENTARY SCHOOL
NORWALK, CONNECTICUT

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SL.No	Element	Multi	Qty	Bar Dia	Bend Type	Length	Weight(LBS)
1	SITE WORK						0.00
2	SHEET CS101						0.00
3	7" CONC.PAD (AREA=495 SQ.FT)						0.00
4	REF SEC.6/CS501						0.00
5	#3 @9" EW		48	3	SL	40.00	721.92
6							0.00
7	SHEET CS102						0.00
8	SEAT WALL (1'-6" X 1'-3" X 362 LFT)						0.00
9	REF SEC.2/CS503						0.00
10	2 #4 CONT BOT	13	2	4	SL	30.00	521.04
11	2 #4 CONT TOP	13	2	4	SL	30.00	521.04
12							0.00
13	RETAINING WALL						0.00
14	REF SEC.CS502						0.00
15	WALL FOOTING (4'-6" X 1'-3" X 70 LFT)						0.00
16	#4 @12" CONT BOT	3	5	4	SL	30.00	300.60
17	#4 @12" CONT TOP	3	5	4	SL	30.00	300.60
18	#4 @48" STANDEE		20	4	LB	6.42	85.77
19							0.00
20	12" THK WALL (4'-3" X 70 LFT)						0.00
21	REF SEC 11/CS502						0.00
22	#4 @12" VERT OF		72	4	ST	5.50	264.53
23	#4 @12" VERT IF		72	4	LB	6.67	320.80
24	#4 @12" HOR EF	3	10	4	SL	30.00	601.20
25							0.00
26	SHEET LL101&LL102						0.00
27	24" DIA POST TOP PEDESTRIAN FIXTURE (HT=5'-0") (39 LOCS)						0.00
28	REF SEC 2/LL501						0.00
29	8 #6 VERT	39	8	6	ST	5.00	2343.12
30	#3 @12" TIES	39	6	3	LB	7.33	644.92
31							0.00
32	24" DIA PARKING LOT FIXTURE (HT=9'-6") (11 LOCS)						0.00
33	REF SEC 1/LL501						0.00
34	6 #5 VERT	11	6	5	ST	9.50	653.96
35	#3 @10" TIES	11	13	3	LB	7.33	394.12
36							0.00
37	FLAG POLE						0.00
38	12" SQUARE (HT=1'-6") (2 LOCS)						0.00
39	4 #3 VERT	2	4	3	ST	1.50	4.51
40	3 #3 TIES	2	3	3	LB	4.67	10.54
41	3 #3 TIES	2	3	3	LB	3.75	8.46
42							0.00
43							0.00
44							0.00
45							0.00
46							0.00
47							0.00
48							0.00
49							0.00
50							0.00
Total Weight							7697.13