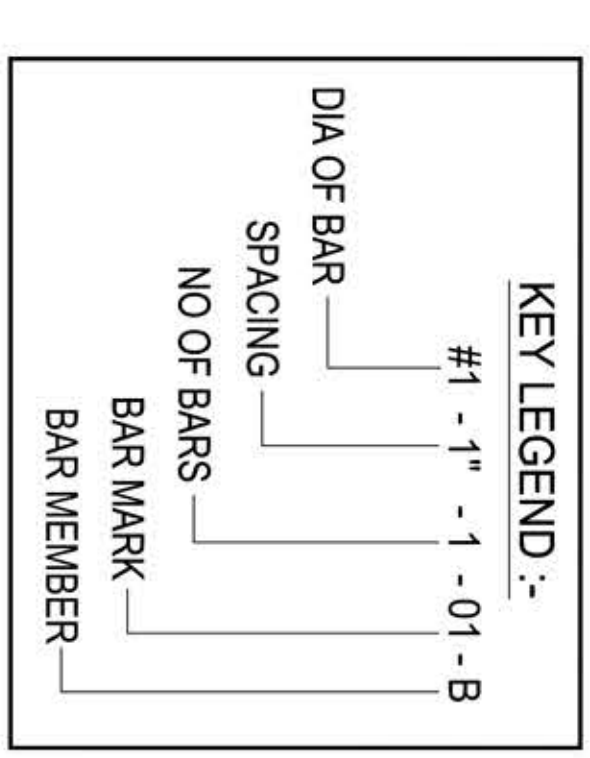


CLIENT :- M ENGINEERING & DESIGN
 PROJECT :- 546 W 44th Street
 DRAWING TITLE :- MAT FOUNDATION REINFORCEMENT DETAILS-BBS

Member	Bar Mark	Bar Size	No. of bars in Mats	TOTAL No. of BARS	Shape	Shape code	A	B	C	D	E	H	G	J	TOTAL LENGTH OF BAR (ft)	TOTAL WEIGHT OF BAR (lb)
B1	101	# 9	1	15	A	B	G	02	4	190					16.50	841.50
T1	102	# 9	1	8	A	B	G	02	4	190					16.50	448.80
B1	103	# 9	1	5	A	B	G	02	4	281					24.08	409.42
T1	104	# 9	1	3	A	B	G	02	4	281					24.08	245.65
B1	105	# 9	1	8	A	B	G	02	4	164					14.33	389.87
T1	106	# 9	1	4	A	B	G	02	4	164					14.33	194.03
B1	107	# 9	1	23	A	B	G	02	4	452					38.00	2971.60
T1	108	# 9	1	12	A	B	G	02	4	452					38.00	1550.40
B1	109	# 9	1	24	A	B	G	02	4	196					16.67	1360.00
T1	110	# 9	1	12	A	B	G	02	4	196					16.67	680.00
B1	111	# 9	1	15	A	B	G	02	4	218					18.83	960.50
T1	112	# 9	1	8	A	B	G	02	4	218					18.83	460.42
B1	113	# 9	1	15	A	B	G	02	4	48					4.67	238.00
T1	114	# 9	1	8	A	B	G	02	4	48					4.67	126.93
B1	115	# 9	1	10	A	B	G	02	4	321					27.08	920.83
T1	116	# 9	1	5	A	B	G	02	4	321					27.08	460.42
B1	117	# 9	1	10	A	B	G	02	4	242					20.50	697.00
T1	118	# 9	1	5	A	B	G	02	4	242					20.50	348.50
B2	119	# 9	1	16	A	B	G	02	4	156					13.67	743.47
T2	120	# 9	1	8	A	B	G	02	4	156					13.67	371.73
B2	121	# 9	1	34	A	B	G	02	4	378					32.17	3718.47
T2	122	# 9	1	17	A	B	G	02	4	378					32.17	1859.23
B2	123	# 9	1	23	A	B	G	02	4	115					10.25	801.55
T2	124	# 9	1	11	A	B	G	02	4	115					10.25	383.35
B2	125	# 9	1	22	A	B	G	02	4	50					4.83	361.55
T2	126	# 9	1	11	A	B	G	02	4	50					4.83	180.77
B2	127	# 9	1	23	A	B	G	02	4	157					13.75	1075.25
T2	128	# 9	1	12	A	B	G	02	4	157					13.75	561.00
B2	129	# 9	1	12	A	B	G	02	4	50					4.83	197.20
T2	130	# 9	1	12	A	B	G	02	4	50					4.83	197.20
B2	131	# 9	1	8	A	B	G	02	4	312					26.67	725.33
T2	132	# 9	1	12	A	B	G	02	4	312					26.67	1088.00
ADD T1	133	# 9	1	7	A	B	G	02	4	190					16.50	302.70
ADD T1	134	# 9	1	8	A	B	G	02	4	433					36.08	981.47
ADD B1	135	# 11	1	8	A	B	G	02	4	376					31.67	1345.96
ADD B1	136	# 11	1	8	A	B	G	02	4	289					24.42	1037.81
ADD T1	137	# 11	1	8	A	B	G	02	4	376					31.67	1345.96
ADD T1	138	# 11	1	8	A	B	G	02	4	289					24.42	1037.81
ADD T1	139	# 11	1	8	A	B	G	02	4	218					18.83	800.49
ADD B1	140	# 11	1	14	A	B	G	02	4	218					18.83	1400.86

ADD B1	141	# 11	1	9	9	9	02	4	356						30.00	1434.51
ADD T1	142	# 11	1	5	5	5	02	4	356						30.00	796.95
ADD B1	143	# 11	1	9	9	9	02	4	234						19.00	908.52
ADD T1	144	# 11	1	5	5	5	02	4	234						19.00	504.74
ADD T2	145	# 9	1	14	14	14	02	4	378						32.17	1531.13
ADD B2	146	# 9	1	17	17	17	02	4	378						32.17	1859.23
ADD T2	147	# 11	1	6	6	6	02	4	378						32.17	1025.41
ADD B2	148	# 11	1	10	10	10	02	4	378						32.17	1709.02
ADD B2	149	# 11	1	6	6	6	02	4	127						11.25	358.63
ADD T2	149A	# 9	1	2	2	2	02	4	127						11.25	76.50
ADD T2	150	# 9	1	6	6	6	02	4	127						11.25	229.50
ADD B2	150A	# 11	1	3	3	3	02	4	270						23.17	369.25
ADD B2	151	# 9	1	6	6	6	02	4	127						11.25	229.50
ADD T2	152	# 9	1	6	6	6	02	4	169						14.75	300.90
ADD B2	153	# 9	1	8	8	8	02	4	169						14.75	401.20
ADD B2	154	# 9	1	6	6	6	02	4	204						24.83	506.60
ADD B2	155	# 9	1	6	6	6	02	4	50						4.83	98.60
ADD B2	156	# 9	1	6	6	6	02	4	50						4.83	98.60

MAT-02																
T1	157	# 9	1	11	11	11	02	4	178						15.50	579.70
T1	158	# 9	1	6	6	6	02	4	154						13.50	275.40
T1	159	# 9	1	2	2	2	02	4	214						18.50	125.80
T1	160	# 9	1	4	4	4	02	4	286						24.50	333.20
T1	161	# 9	1	2	2	2	02	4	344						29.00	197.20
T1	162	# 9	1	2	2	2	02	4	319						26.92	183.03
T1	163	# 9	1	5	5	5	02	4	295						24.92	423.58
T1	164	# 9	1	5	5	5	02	4	319						26.92	457.58
T1	165	# 9	1	9	9	9	02	4	344						29.00	887.40
T1	166	# 9	1	9	9	9	02	4	319						26.92	823.65
T1	167	# 9	1	8	8	8	02	4	46						4.50	122.40
T1	168	# 9	1	8	8	8	02	4	31						27.42	745.73
T1	169	# 9	1	2	2	2	02	4	344						29.00	197.20
T1	170	# 9	1	2	2	2	02	4	319						26.92	183.03
T1	171	# 9	1	2	2	2	02	4	344						29.00	197.20
T1	172	# 9	1	2	2	2	02	4	246						20.83	141.67
ADD B2	173	# 9	1	6	6	6	02	4	150						12.83	261.80
ADD B1	174	# 9	1	5	5	5	02	4	178						15.50	263.50
ADD B1	175	# 9	1	16	16	16	02	4	178						15.50	843.20
ADD B2	176	# 9	1	18	18	18	02	4	197						17.08	1045.50
ADD B1	177	# 9	1	5	5	5	02	4	342						29.17	495.83
ADD T2	177A	# 9	1	15	15	15	02	4	119						10.58	529.75
ADD B1	178	# 9	1	6	6	6	02	4	150						12.83	261.80
ADD B1	179	# 9	1	9	9	9	02	4	214						18.50	566.10
ADD B1	180	# 11	1	9	9	9	02	4	214						18.50	884.61



LEGEND :-
 B1 : BOTTOM 1ST LAYER
 B2 : BOTTOM 2ND LAYER
 T1 : TOP 1ST LAYER
 T2 : TOP 2ND LAYER
 ADD T1 - ADDITIONAL TOP 1ST LAYER
 ADD B1 - ADDITIONAL BOTTOM 1ST LAYER

CONSULTANTS:

NO.	03/22/14	FOR APPROVAL
DATE		REVISION
DESIGNER:		
DRAWN BY:		
CHECKED BY:		
DATE:	03/22/2014	

CLIENT:
 PROJECT:
 546 W 44th Street
 DRAWING TITLE:
 MAT FOUNDATION
 REINFORCEMENT DETAILS-BBS