

EST NUMBER: WEB05100  
RUN DATE.: 08/31/09 11:22am  
DATA DATE.: SEPT 2009

METALS FABRICATION & ERECTION ESTIMATE  
ANYTOWN, ANYWHERE  
ESTIMATE SUMMARY

PREPARED FOR: ALL OF OUR CLIENTS  
PREPARED BY.: TEMPEST COMPANY  
PAGE: 1

DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
RECREATION CENTER	11,137.5	608,633	235,861	0	0	844,494
*** TOTAL ESTIMATED COST ***	11,137.5	608,633	235,861	0	0	844,494

EST NUMBER: WEB05100  
RUN DATE.: 08/31/09 11:22am  
DATA DATE.: SEPT 2009

METALS FABRICATION & ERECTION ESTIMATE  
ANYTOWN, ANYWHERE  
RECREATION CENTER SUMMARY - RECREATION CENTER

PREPARED FOR: ALL OF OUR CLIENTS  
PREPARED BY.: TEMPEST COMPANY  
PAGE: 2

DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
METALS	11,137.5	608,633	235,861	0	0	844,494
*** RECREATION CENTER ESTIMATED COST ***	11,137.5	608,633	235,861	0	0	844,494

EST NUMBER: WEB05100  
RUN DATE.: 08/31/09 11:22am  
DATA DATE.: SEPT 2009

METALS FABRICATION & ERECTION ESTIMATE  
ANYTOWN, ANYWHERE  
METALS SUMMARY - RECREATION CENTER

PREPARED FOR: ALL OF OUR CLIENTS  
PREPARED BY.: TEMPEST COMPANY  
PAGE: 3

DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
STEEL FABRICATION	8,719.1	504,787	177,278	0	0	682,065
STRUCTURAL METAL FRAMING	521.0	22,372	14	0	0	22,386
STEEL JOISTS	671.6	28,838	126	0	0	28,964
METAL DECKING	544.1	23,364	58,161	0	0	81,525
MISCELLANEOUS AND ORNAMENTAL METALS	681.7	29,272	282	0	0	29,554
*** METALS ESTIMATED COST ***	11,137.5	608,633	235,861	0	0	844,494



METALS FABRICATION & ERECTION ESTIMATE  
 ANYTOWN, ANYWHERE  
 ESTIMATE DETAIL - RECREATION CENTER

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
3/4" x 2 1/2" Bolts	938	Each	0	0.0	0	0	0.75	704	0	0	0	0	704
Cope Beams	80	Each	0.25	20.0	84.36	1,687	0	0	0	0	0	0	1,687
Column Notches	251	Lin Ft	0.166	41.7	84.36	3,518	0	0	0	0	0	0	3,518
Weld Column Notch/Plate	503	Lin Ft	0.125	62.9	84.36	5,306	0.32	161	0	0	0	0	5,467
Connections				470.6		39,699		2,635		0		0	42,334
Miscellaneous Steel			QUANTITY:		1 L Sum								
MC 10 x 15.3	3,121	Lbs	0	0.0	0	0	0.3	936	0	0	0	0	936
Channel Cuts	24	Each	0.2	4.8	84.36	405	0	0	0	0	0	0	405
Holes	48	Each	0.1	4.8	84.36	405	0	0	0	0	0	0	405
Base Plates	82	Lbs	0	0.0	0	0	0.3	25	0	0	0	0	25
Base Plate Cuts	12	Each	0.15	1.8	84.36	152	0	0	0	0	0	0	152
Holes	6	Each	0.1	0.6	84.36	51	0	0	0	0	0	0	51
1/2" x 12" Anchor Bolts	6	Each	0	0.0	0	0	3.25	20	0	0	0	0	20
3.5 x 3.5 x 1/4" Angle	1,543	Lbs	0	0.0	0	0	0.3	463	0	0	0	0	463
Angle Cuts	14	Each	0.11	1.5	84.36	127	0	0	0	0	0	0	127
Holes	134	Each	0.1	13.4	84.36	1,130	0	0	0	0	0	0	1,130
1/2" x 5" Expansion Bolts	134	Each	0	0.0	0	0	3.75	503	0	0	0	0	503
6" x 4" x 3/8" Angle	3,223	Lbs	0	0.0	0	0	0.3	967	0	0	0	0	967
6" x 4" x 1/4" Angle	1,444	Lbs	0	0.0	0	0	0.3	433	0	0	0	0	433
Angle Cuts	22	Each	0.11	2.4	84.36	202	0	0	0	0	0	0	202
3" x 3" x 1/4" Angle	167	Lbs	0	0.0	0	0	0.3	50	0	0	0	0	50
Angle Cuts	2	Each	0.11	0.2	84.36	17	0	0	0	0	0	0	17
4" x 4" x 3/8" Angle	157	Lbs	0	0.0	0	0	0.3	47	0	0	0	0	47
Angle Cuts	2	Each	0.11	0.2	84.36	17	0	0	0	0	0	0	17

METALS FABRICATION & ERECTION ESTIMATE  
 ANYTOWN, ANYWHERE  
 ESTIMATE DETAIL - RECREATION CENTER

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN HOURS UNIT	LABOR DOLLARS TOTAL	LABOR DOLLARS UNIT TOTAL	MATERIAL DOLLARS UNIT TOTAL	EQUIPMENT DOLLARS UNIT TOTAL	SUBCONTRACT DOLLARS UNIT TOTAL	TOTAL DOLLARS			
Holes	8	Each	0.1	0.8	84.36	67	0	0	0	0	0	67
1/2" x 5" Expansion Bolts	8	Each	0	0.0	0	0	3.75	30	0	0	0	30
TS 2" x 2" x 3/16"	1,729	Lbs	0	0.0	0	0	0.3	519	0	0	0	519
4" x 4" x 3/8" Angle	3,175	LBS	0	0.0	0	0	0.3	953	0	0	0	953
Tube Steel Cuts	18	Each	0.11	2.0	84.36	169	0	0	0	0	0	169
Angle Cuts	18	Each	0.11	2.0	84.36	169	0	0	0	0	0	169
4" x 4" x 3/8" Angle	588	Lbs	0	0.0	0	0	0.3	176	0	0	0	176
Angle Cuts	15	Each	0.11	1.7	84.36	143	0	0	0	0	0	143
Miscellaneous Steel				36.2		3,054		5,122		0	0	8,176
Lintels			QUANTITY:		1 L Sum							
Lintel L1 - W8" x 15"	540	Lbs	2	1,080.0	42.94	46,375	0.3	162	0	0	0	46,537
Lintel L1 - 3/8" x 7" Plate	321	Lbs	0	0.0	0	0	0.3	96	0	0	0	96
Lintel L1 - 1/4" Plate Hangers	136	Lbs	0	0.0	0	0	0.3	41	0	0	0	41
Lintel L1 - Cut Beam	6	Each	0.5	3.0	84.36	253	0	0	0	0	0	253
Lintel L1 - Cut Plate	6	Each	0.15	0.9	84.36	76	0	0	0	0	0	76
Lintel L1 - Cut Hangers Plate	40	Each	0.15	6.0	84.36	506	0	0	0	0	0	506
Lintel L1 - Weld	54	Lin Ft	0.125	6.8	84.36	574	0.32	17	0	0	0	591
Lintel L2 - W12" x 26"	1,924	Lbs	0.5	962.0	84.36	81,154	0.3	577	0	0	0	81,731
Lintel L2 - 3/8" Stiffner Plate	163	Lbs	0	0.0	0	0	0.3	49	0	0	0	49
Lintel L2 - 6" x 6" x 5/16" Angle	918	Lbs	0	0.0	0	0	0.3	275	0	0	0	275
Lintel L2 - Cut Beam	4	Each	0.5	2.0	84.36	169	0	0	0	0	0	169
Lintel L2 - Cut Angle	4	Each	0.11	0.4	84.36	34	0	0	0	0	0	34
Lintel L2 - Cut Stiffner Plate	64	Each	0.15	9.6	84.36	810	0	0	0	0	0	810
Lintel L2 - Weld	139	Lin Ft	0.125	17.4	84.36	1,468	0.32	44	0	0	0	1,512

METALS FABRICATION & ERECTION ESTIMATE  
 ANYTOWN, ANYWHERE  
 ESTIMATE DETAIL - RECREATION CENTER

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
Lintel L3 - W8" x 24"	1,968	Lbs	2	3,936.0	42.94	169,012	0.3	590	0	0	0	0	169,602
Lintel L3 - 5" x 3 1/2" x 5/16"	713	Lbs	0.143	102.0	42.94	4,380	0.3	214	0	0	0	0	4,594
Lintel L3 - Cut Beam	9	Each	0.5	4.5	84.36	380	0	0	0	0	0	0	380
Lintel L3 - Cut Angle	9	Each	0.11	1.0	84.36	84	0	0	0	0	0	0	84
Gym Lintel - Hanger Plate	306	Lbs	0	0.0	0	0	0.3	92	0	0	0	0	92
Gym Lintel - Bottom Plate	973	Lbs	0	0.0	0	0	0.3	292	0	0	0	0	292
Gym Lintel - 6" x 6" x 5/16"	942	Lbs	0	0.0	0	0	0.3	283	0	0	0	0	283
Gym Lintel - Cut Plate	64	Each	0.15	9.6	84.36	810	0	0	0	0	0	0	810
Gym Lintel - Cut Angle	4	Each	0.11	0.4	84.36	34	0	0	0	0	0	0	34
Gym Lintel - Weld	90	Lin Ft	0.125	11.3	84.36	953	0.32	29	0	0	0	0	982
Lintels				6,152.9		307,072		2,761		0		0	309,833
Chiller Support			QUANTITY:		1 L Sum								
Column Base/Cap Plates	82	Lbs	0	0.0	0	0	0.3	25	0	0	0	0	25
4" Pipe Column	180	Lbs	0	0.0	0	0	0.3	54	0	0	0	0	54
W12" x 22" Beam	1,012	Lbs	0	0.0	0	0	0.3	304	0	0	0	0	304
Angle Connections	39	Lbs	0	0.0	0	0	0.3	12	0	0	0	0	12
Angle Bracing	51	Lbs	0	0.0	0	0	0.3	15	0	0	0	0	15
Brace Plate	82	Lbs	0	0.0	0	0	0.3	25	0	0	0	0	25
Column Cuts	4	Each	0.11	0.4	84.36	34	0	0	0	0	0	0	34
Plate Cuts	48	Each	0.15	7.2	84.36	607	0	0	0	0	0	0	607
Beam Cuts	4	Each	0.5	2.0	84.36	169	0	0	0	0	0	0	169
Angle Cuts	16	Each	0.11	1.8	84.36	152	0	0	0	0	0	0	152
Holes	48	Each	0.1	4.8	84.36	405	0	0	0	0	0	0	405
3/4" x 3" Bolts	48	Each	0	0.0	0	0	0.8	38	0	0	0	0	38

METALS FABRICATION & ERECTION ESTIMATE  
 ANYTOWN, ANYWHERE  
 ESTIMATE DETAIL - RECREATION CENTER

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN HOURS UNIT	LABOR DOLLARS TOTAL	MATERIAL DOLLARS UNIT	EQUIPMENT DOLLARS TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL DOLLARS				
Chiller Support				16.2		1,367		473	0	0	1,840	
Pan Stairs			QUANTITY:		1 L Sum							
12 Gauge Pan Material	8,954	Lbs	0	0.0	0	0	0.3	2,686	0	0	0	2,686
Steel Framing Material	20,592	Lbs	0	0.0	0	0	0.3	6,178	0	0	0	6,178
Fabrication & Assemble	880	Hours	1	880.0	84.36	74,237	0	0	0	0	0	74,237
Weld w/Fabrication	2,434	Lin Ft	0	0.0	0	0	0.32	779	0	0	0	779
Wall Rail	114	Lin Ft	0.15	17.1	84.36	1,443	1.25	143	0	0	0	1,586
Stair Rail (Similar Patio)	170	Lin Ft	1.85	314.5	84.36	26,531	16.75	2,848	0	0	0	29,379
<hr/>												
Pan Stairs				1,211.6		102,211		12,634	0	0	0	114,845
Patio Guardrail			QUANTITY:		1 L Sum							
1 1/2" Post-Rails	2,868	Lbs	0	0.0	0	0	0.3	860	0	0	0	860
1" Pickets	1,643	Lbs	0	0.0	0	0	0.3	493	0	0	0	493
2" Sleeves	301	Lbs	0	0.0	0	0	0.3	90	0	0	0	90
Cut Pipe	425	Each	0.055	23.4	84.36	1,974	0	0	0	0	0	1,974
Weld	776	Lin Ft	0.125	97.0	84.36	8,183	0.32	248	0	0	0	8,431
Assemble Railing	1,548	Lin Ft	0.033	51.1	84.36	4,311	0	0	0	0	0	4,311
<hr/>												
Patio Guardrail				171.5		14,468		1,691	0	0	0	16,159
Site Railing			QUANTITY:		1 L Sum							
1 1/2" Pipe	290	Lbs	0	0.0	0	0	0.3	87	0	0	0	87
2" Pipe Sleeve	20	Lbs	0	0.0	0	0	0.3	6	0	0	0	6
Cut Pipe	30	Each	0.055	1.7	84.36	143	0	0	0	0	0	143
Blend Pipe	8	Each	0.5	4.0	84.36	337	0	0	0	0	0	337

METALS FABRICATION & ERECTION ESTIMATE  
 ANYTOWN, ANYWHERE  
 ESTIMATE DETAIL - RECREATION CENTER

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN HOURS UNIT	LABOR DOLLARS TOTAL	LABOR DOLLARS UNIT	MATERIAL DOLLARS TOTAL	MATERIAL DOLLARS UNIT	EQUIPMENT DOLLARS TOTAL	EQUIPMENT DOLLARS UNIT	SUBCONTRACT DOLLARS TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL DOLLARS
Weld	24	Lin Ft	0.125	3.0	84.36	253	0.32	8	0	0	0	261
Assemble Railing	80	Lin Ft	0.033	2.6	84.36	219	0	0	0	0	0	219
Site Railing				11.3		952		101		0	0	1,053
Penthouse Ladder 3/8" x 3" Plate Rails	153	Lbs	QUANTITY: 0	0.0	1 L Sum 0	0	0.3	46	0	0	0	46
3/8" x 3" Braces	23	Lbs	0	0.0	0	0	0.3	7	0	0	0	7
1" Diameter Rungs	112	Lbs	0	0.0	0	0	0.3	34	0	0	0	34
4" x 4" x 1/4" Angle	92	Lbs	0	0.0	0	0	0.3	28	0	0	0	28
Cut Plate	14	Each	0.15	2.1	84.36	177	0	0	0	0	0	177
Cut Rungs	42	Each	0.05	2.1	84.36	177	0	0	0	0	0	177
Cut Angle	4	Each	0.11	0.4	84.36	34	0	0	0	0	0	34
Weld	10	Lin Ft	0.125	1.3	84.36	110	0.32	3	0	0	0	113
Assemble Ladder	12	Hours	1	12.0	84.36	1,012	0	0	0	0	0	1,012
Penthouse Ladder				17.9		1,510		118		0	0	1,628
Penthouse Stair Penthouse Stair	1	L Sum	QUANTITY: 8	8.0	1 L Sum 84.36	675	250	250	0	0	0	925
Penthouse Stair				8.0		675		250		0	0	925
Elevator Pit Ladder	140	Lbs	QUANTITY: 0	0.0	1 L Sum 0	0	0.3	42	0	0	0	42
3" x 3" x 1/4" Sill Angle	49	Lbs	0	0.0	0	0	0.3	15	0	0	0	15
Cut Angle	2	Each	0.11	0.2	84.36	17	0	0	0	0	0	17
Holes	8	Each	0.1	0.8	84.36	67	0	0	0	0	0	67

EST NUMBER: WEB05100  
 RUN DATE.: 08/31/09 11:22am  
 DATA DATE.: SEPT 2009

METALS FABRICATION & ERECTION ESTIMATE  
 ANYTOWN, ANYWHERE  
 ESTIMATE DETAIL - RECREATION CENTER

PREPARED FOR: ALL OF OUR CLIENTS  
 PREPARED BY.: TEMPEST COMPANY  
 PAGE: 10

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
3/8" x 5" Expansion Bolts	8	Each	0	0.0	0	0	3.25	26	0	0	0	0	26
Assemble Ladder	4	Hours	1	4.0	84.36	337	0	0	0	0	0	0	337
Elevator Pit				5.0		421		83		0		0	504
Bar Joists			QUANTITY:		1 L Sum								
Bar Joists w/Bridging	72	Lbs	0	0.0	0	0	725	52,200	0	0	0	0	52,200
Bar Joists				0.0		0		52,200		0		0	52,200
Deck			QUANTITY:		1 L Sum								
9/16" x 28 Gauge Floor Deck	5,880	Sq Ft	0.007	41.2	42.94	1,769	0.55	3,234	0	0	0	0	5,003
1 5/16" x 26 Gauge Floor Deck	8,271	Sq Ft	0.007	57.9	42.94	2,486	0.75	6,203	0	0	0	0	8,689
1 1/2" x 22 Gauge Roof Deck	8,193	Sq Ft	0.007	57.4	42.94	2,465	0.88	7,210	0	0	0	0	9,675
1 1/2" x 22 Gauge Slope Roof Deck	4,720	Sq Ft	0.009	42.5	42.94	1,825	0.88	4,154	0	0	0	0	5,979
1 1/2" x 22 Gauge Mansard Deck	10,944	Sq Ft	0.009	98.5	42.94	4,230	0.88	9,631	0	0	0	0	13,861
3" x 22 Gauge Acoustical Deck	6,438	Sq Ft	0.023	148.1	42.94	6,359	4.1	26,396	0	0	0	0	32,755
3" x 22 Gauge Roof Deck	1,066	Sq Ft	0.007	7.5	42.94	322	1.25	1,333	0	0	0	0	1,655
Deck				453.1		19,456		58,161		0		0	77,617
*** STEEL FABRICATION ESTIMATED COST ***				8,719.1		504,787		177,278		0		0	682,065
STRUCTURAL METAL FRAMING													
Columns (63 Each)			QUANTITY:		1 L Sum								
Tube Steel Columns	18	Tons	6.75	121.5	42.94	5,217	0	0	0	0	0	0	5,217
Columns (63 Each)				121.5		5,217		0		0		0	5,217



EST NUMBER: WEB05100  
 RUN DATE.: 08/31/09 11:22am  
 DATA DATE.: SEPT 2009

METALS FABRICATION & ERECTION ESTIMATE  
 ANYTOWN, ANYWHERE  
 ESTIMATE DETAIL - RECREATION CENTER

PREPARED FOR: ALL OF OUR CLIENTS  
 PREPARED BY.: TEMPEST COMPANY  
 PAGE: 12

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN HOURS UNIT	LABOR MAN HOURS TOTAL	LABOR DOLLARS UNIT	LABOR DOLLARS TOTAL	MATERIAL DOLLARS UNIT	MATERIAL DOLLARS TOTAL	EQUIPMENT DOLLARS UNIT	EQUIPMENT DOLLARS TOTAL	SUBCONTRACT DOLLARS UNIT	SUBCONTRACT DOLLARS TOTAL	TOTAL DOLLARS
Bar Joist 20K5 x 33'	44	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 22K6 x 30'	30	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 22K6 x 32'	52	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 22K6 x 33'	27	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 24K7 x 35'	27	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 24K8 x 32'	46	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 24LH08 x 53'	2	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 24LH09 x 41'	6	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 24LH08 SP x 53'	1	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 28LH11 x 53'	2	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 28LH12 SP x 53'	2	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 44LH15 SP x 74'	9	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 44LH18 SP x 74'	3	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 8K1 x 1'	1	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 8K1 x 10'	1	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 8K1 x 11'	1	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 8K1 x 3'	1	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 8K1 x 4'	2	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 8K1 x 6'	1	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 8K1 x 7'	2	Each	0	0.0	0	0	0	0	0	0	0	0	0
Bar Joist 8K1 x 8'	1	Each	0	0.0	0	0	0	0	0	0	0	0	0
*** STEEL JOISTS ESTIMATED COST ***				671.6		28,838		126		0		0	28,964

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
<b>METAL DECKING</b>													
9/16" x 28 Gauge Floor Deck	5,880	Sq Ft	0.007	41.2	42.94	1,769	0.55	3,234	0	0	0	0	5,003
1 5/16" x 26 Gauge Floor Deck	8,271	Sq Ft	0.007	57.9	42.94	2,486	0.75	6,203	0	0	0	0	8,689
1 1/2" x 22 Gauge Roof Deck	8,193	Sq Ft	0.007	57.4	42.94	2,465	0.88	7,210	0	0	0	0	9,675
1 1/2" x 22 Gauge Slope Roof Deck	4,720	Sq Ft	0.009	42.5	42.94	1,825	0.88	4,154	0	0	0	0	5,979
1 1/2" x 22 Gauge Mansard Deck	10,944	Sq Ft	0.009	98.5	42.94	4,230	0.88	9,631	0	0	0	0	13,861
3" x 22 Gauge Acoustical Deck	6,438	Sq Ft	0.023	148.1	42.94	6,359	4.1	26,396	0	0	0	0	32,755
3" x 22 Gauge Roof Deck	1,066	Sq Ft	0.007	7.5	42.94	322	1.25	1,333	0	0	0	0	1,655
Unload & Hoist Deck	45,512	Sq Ft	0.002	91.0	42.94	3,908	0	0	0	0	0	0	3,908
*** METAL DECKING ESTIMATED COST ***				544.1		23,364		58,161		0		0	81,525
<b>MISCELLANEOUS AND ORNAMENTAL METALS</b>													
Miscellaneous Steel			QUANTITY:		1 L Sum								
MC 10 x 15.3 - Welded w/Base Plate (12 PC)	204	Lin Ft	0.33	67.3	42.94	2,890	0	0	0	0	0	0	2,890
3.5 x 3.5 x 1/4" Bolted Angle	266	Lin Ft	0.143	38.0	42.94	1,632	0	0	0	0	0	0	1,632
3" x 3" x 1/4" Screw to Studs	34	Lin Ft	0.143	4.9	42.94	210	0	0	0	0	0	0	210
6" x 4" x 3/8" Weld to Deck	262	Lin Ft	0.143	37.5	42.94	1,610	0	0	0	0	0	0	1,610
6" x 4" x 1/4" Weld to Columns	174	Lin Ft	0.18	31.3	42.94	1,344	0	0	0	0	0	0	1,344
4" x 4" x 3/8" Bolted Angle	16	Lin Ft	0.143	2.3	42.94	99	0	0	0	0	0	0	99
TS 2" x 2" x 3/16" (18 PC)	252	Lin Ft	0.125	31.5	42.94	1,353	0	0	0	0	0	0	1,353
4" x 4" x 3/8" Angle Brace	324	Lin Ft	0.143	46.3	42.94	1,988	0	0	0	0	0	0	1,988
Lintel L1 - W8" x 15"	6	Each	2	12.0	42.94	515	0.3	2	0	0	0	0	517
Lintel L2 - W12" x 26"	4	Each	2	8.0	42.94	344	0.3	1	0	0	0	0	345
Lintel L3 - W8" x 24"	9	Each	2	18.0	42.94	773	0.3	3	0	0	0	0	776
Lintel L3 - 5" x 3 1/2" x 5/16"	82	Lin Ft	0.143	11.7	42.94	502	0.3	25	0	0	0	0	527
3" x 3" 1/4" Elevator Sill Angle	10	Lin Ft	0.2	2.0	42.94	86	0	0	0	0	0	0	86
Miscellaneous Steel				310.8		13,346		31		0		0	13,377

EST NUMBER: WEB05100  
 RUN DATE.: 08/31/09 11:22am  
 DATA DATE.: SEPT 2009

METALS FABRICATION & ERECTION ESTIMATE  
 ANYTOWN, ANYWHERE  
 ESTIMATE DETAIL - RECREATION CENTER

PREPARED FOR: ALL OF OUR CLIENTS  
 PREPARED BY.: TEMPEST COMPANY  
 PAGE: 14

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN HOURS UNIT	TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
Chiller Support 4" Pipe Column	4	Each	QUANTITY: 0.75	3.0	1 L Sum 42.94	129	0.3	1	0	0	0	0	130
W12 x 22 Beams	4	Each	0.5	2.0	42.94	86	0	0	0	0	0	0	86
2" x 2" x 1/4" Angle Brace	18	Each	0.5	9.0	42.94	386	0	0	0	0	0	0	386
Weld Plate to Beam/Column	16	Each	1	16.0	42.94	687	0	0	0	0	0	0	687
				30.0		1,288		1		0		0	1,289
Chiller Support													
Pan Stairs Risers	78	Each	QUANTITY: 1	78.0	1 L Sum 42.94	3,349	0	0	0	0	0	0	3,349
Landings	736	Sq Ft	0.22	161.9	42.94	6,952	0	0	0	0	0	0	6,952
Stair Mounted Railing	170	Lin Ft	0.28	47.6	42.94	2,044	0	0	0	0	0	0	2,044
Wall Railing	114	Lin Ft	0.14	16.0	42.94	687	0	0	0	0	0	0	687
				303.5		13,032		0		0		0	13,032
Pan Stairs													
Miscellaneous Railings & Ladders 1 1/2" Stair Rail - Site	22	Lin Ft	QUANTITY: 0.2	4.4	1 L Sum 42.94	189	0	0	0	0	0	0	189
Penthouse Access Ladder	20	Lin Ft	0.25	5.0	42.94	215	0	0	0	0	0	0	215
Penthouse Stair	1	Each	2.5	2.5	42.94	107	250	250	0	0	0	0	357
Elevator Pit Ladder	6	Lin Ft	0.25	1.5	42.94	64	0	0	0	0	0	0	64
Patio Guardrail	96	Lin Ft	0.25	24.0	42.94	1,031	0	0	0	0	0	0	1,031
				37.4		1,606		250		0		0	1,856
Miscellaneous Railings & Ladders													
*** MISCELLANEOUS AND ORNAMENTAL METALS ESTIMATED COST ***				681.7		29,272		282		0		0	29,554