

DETAILED ESTIMATE



PROJECT		Please confirm prices													Rev0			
Address																		
Date of Plans																		
Date of submission																		
BASE BID		\$ -													Shop labor/hr \$ 70.00			
SR #	DWG. NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT MATERIAL (\$)	TOTAL MATERIAL (\$)	UNIT FIELD LABOR (hrs)	TOTAL FIELD LABOR (\$)	UNIT COST (\$)	TOTAL COST (\$)	SUB TOTALS (\$)	Unit Fabricatoin (Hrs)	Total Fabricatoin (Hrs)	Unit Shop Labor (\$)	Total Shop Labor (\$)
	05 00 00 METAL																	
STRUCTURE STEEL COLUMNS																		
1	S1.01		4 EA HSS8x4x3/8 - 12'-6"H [4 EA]	1731	5%	1,818	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
COLUM CAP & BASE PLATES																		
2	S1.01	215/S4.01	4 EA 12"x8"x3/4" Cap plate, assumed [4 EA]	82	5%	86	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
3	S1.01	S1.01	4 EA 14"x14"x3/4" Base plate [4 EA]	168	5%	176	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
STRUCTURE STEEL BEAMS & GIRDERS																		
4	S1.02	215/S4.01	2 EA W18x65 - 24'-2"L [2 EA]	3142	5%	3,299	LB	\$ -	\$ -	0.0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
MISCELLANEOUS STEEL																		
PLATES																		
5	S1.01	215/S4.01	8 EA PL 1/2" X 18 7/16" X 3 5/8" [8 EA] Stiffener plate	75	5%	79	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
ANCHORS																		
6			16 EA 3/4" Anchor rod, 12"L	16	0%	16	EA	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
CONNECTIONS																		
7	S1.01	215/S4.01	Misc. Steel for welds and bolts	1	0%	1	LS	\$ -	\$ -	0	\$ -	\$ -	\$ -					
Structural Steel Sub Total								\$ -		\$ -				\$ -				\$ -
BOLLARDS																		
8	A1.13	1/A1.13	9 EA 6" Ø Sch 40 Pipe, Concrete-Filled Bollard 7'-9"H	9	0%	9	EA	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
9	A1.01	13/A1.21	4 EA 6" Ø Steel Pipe, Concrete-Filled Parking Bollard 6'-0"H	4	0%	4	EA	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
Bollards Sub Total								\$ -		\$ -				\$ -				\$ -
MECHANICAL SCREENS																		
10	A4.01		64 LF Lower roof Screen w/ post @ 3'-8"H assumed details as follows; - HSS 6x6x3/16" posts (8 EA) - Horizontal metal slats	64	5%	67	LF	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
11	A4.01		7 LF Upper roof Screen @ mechanical equip 6'-6"H assumed details as follows; - HSS 6x6x3/16" posts (3 EA) - Horizontal metal slats	7	5%	7	LF	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
12	A4.01		14 LF Upper roof Screen @ mechanical equip 6'-6"H assumed details as follows; - HSS 6x6x3/16" posts (5 EA) - Horizontal metal slats	14	5%	15	LF	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
13	A4.01		17 LF Upper roof Screen @ mechanical equip 6'-6"H assumed details as follows; - HSS 6x6x3/16" posts @ (7 EA) - Horizontal metal slats	17	5%	17	LF	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
Mechanical Screens Sub Total								\$ -		\$ -				\$ -				\$ -
STEEL CANOPY																		
14	A2.02	7/A5.22	4 EA HSS12"x4"x3/8" - 93'-4"L	4589.5	5%	4,819	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
15	A2.02	7/A5.22	21 EA HSS8"x2" @ 1'-6" o.c. - 176'-0"L	3737.4	5%	3,924	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
16	A2.02	7/A5.22	19 EA Trellis blades @ 5" o.c	557.8	5%	586	LF	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
Note: The canopy details in the architectural drawings differ from those in the structural drawings. The structural plans show the HSS fascia beam connected to the floor trusses, whereas the architectural drawings indicate it is connected to a wall-mounted HSS. We have followed the structural detail. Please confirm this approach is acceptable																		
Steel Canopy Sub Total								\$ -		\$ -				\$ -				\$ -
LADDERS																		

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PROJECT Address Date of Plans Date of submission BASE BID Please confirm prices Field labor/hr \$ 105.00 Rev0 Shop labor/hr \$ 70.00															Unit Fabricatoion (Hrs)	Total Fabricatoion (Hrs)	Unit Shop Labor (\$)	Total Shop Labor (\$)
SR #	DWG. NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT MATERIAL (\$)	TOTAL MATERIAL (\$)	UNIT FIELD LABOR (hrs)	TOTAL FIELD LABOR (\$)	UNIT COST (\$)	TOTAL COST (\$)	SUB TOTALS (\$)				
			ROOF LADDER															
17	A2.01	7/A9.01, 02	1 EA 10'-0"H Roof access ladder w/ ladder guard security door	1	0%	1	EA	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
			PIT LADDER															
18	A2.01	1/A9.12	1 EA Elevator pit ladder 8'-2"H, as: - 3/4" Dia. Steel rungs at 12" o.c fixed to 3"x3/8" Steel bar at each side - 3" x 3/8" Steel bent plate mounting brackets, weld to bar ladder & attach to wall with 5/8" expansion bolts	1	0%	1	EA	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
			Ladders Sub Total						\$ -		\$ -			\$ -				\$ -
			STAIR RAILS															
			INTERIOR STAIRS															
19	A9.02	6/A9.02	150 LF Interior stair handrail 1-1/2" Dia. Pipe rail w/ steel wall bracket equally spaced at 6'-0" o.c	150	5%	158	LF	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
			EXTERIOR STAIRS															
20	A9.02	7/A1.23	1 EA 2" Dia. 3'-6"H Stainless steel Pool Stair handrail, floor mounted w/ trim rings	16.8	5%	18	LF	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
21	A9.02	5/A1.14	1 EA 2" Dia. Stainless steel Entrance stair handrail, wall mounted	11	5%	12	LF	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
22	A9.02	11/A1.14	1 EA 2" Dia. 3'-6"H Stainless West entrance Stair handrail, floor mounted w/ trim rings and handrail extension at one end	17.2	5%	18	LF	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
			Stair Rails Sub Total						\$ -		\$ -			\$ -				\$ -
			METAL FENCING & GATES															
			POOL FENCE AND GATE															
23	A1.01	3/A1.22	12 EA 6'-0"H 2"x2"x3/8" Metal tube post @ 5'-0" o.c w/ 1'-2" Embedment (total 7'-2"H Typ.)	1173	5%	1,231	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
24	A1.01	7/A1.22	9 EA Twisted metal fence sections (length varies 5'-8" to 8'-4") as; - 1/4" X 1" vertical metal plate (3 EA) - 1/4" X 2" vertical metal plate (6 EA) - 1/4" X 3" vertical metal plate (3 EA) 3/8" X 2" Horizontal metal plate at top and bottom	31	5%	32	LF	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
25	A1.01	10/A1.22	5 EA 6'-0"Hx6'-0"W Aluminum twisted metal fence double gate as; - 1 1/2" Steel tube at perimeter - 18 GA. Wire guard on screen - Door ahrdware (Self closing hinges, self lock both sides, panic hardware)	5	0%	5	EA	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
			CMU FENCING															
26	A1.01	3/A1.22	42 EA 3'-3"H 2"x2"x3/8" Metal tube post @ 5'-0" o.c w/ 1'-2" Embedment	2530	5%	2,657	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
27	A1.01	7/A1.22	21 EA Twisted metal fence sections (length varies 5'-8" to 8'-4") as; - 1/4" X 1" vertical metal plate (3 EA) - 1/4" X 2" vertical metal plate (6 EA) - 1/4" X 3" vertical metal plate (3 EA) 3/8" X 2" Horizontal metal plate at top and bottom	137	5%	144	LF	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
			ENTRANCE FENCE															
28	A1.01	3/A1.22	17 EA 3'-9"H 2"x2"x3/8" Metal tube post @ 5'-0" o.c w/ 1'-2" Embedment	1140	5%	1,197	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
29	A1.01	7/A1.22	15 EA Twisted metal fence sections (5'-0"L) as; - 1/4" X 1" vertical metal plate (3 EA) - 1/4" X 2" vertical metal plate (6 EA) - 1/4" X 3" vertical metal plate (3 EA) 3/8" X 2" Horizontal metal plate at top and bottom	72	5%	75	LF	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
			Metal Fencing Sub Total						\$ -		\$ -			\$ -				\$ -

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SR #	DWG. NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT MATERIAL (\$)	TOTAL MATERIAL (\$)	UNIT FIELD LABOR (hrs)	TOTAL FIELD LABOR (\$)	UNIT COST (\$)	TOTAL COST (\$)	SUB TOTALS (\$)	Unit Fabricatoin (Hrs)	Total Fabricatoin (Hrs)	Unit Shop Labor (\$)	Total Shop Labor (\$)
			TRASH ENCLOSURE															
			GATES															
30	A1.01	A1.13	2 EA 20 GA, Galv. Metal 'B' Deck on gates	152	5%	160	SF	\$ -	\$ -	0	\$ -	\$ -	\$ -					
31	A1.01	A1.13	105 LF 3"x3"x1/4" Tube steel gate frame	982	5%	1,031	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
32	A1.01	A1.13	4 EA 3/4 Ø 24"L Steel Rod Cane Bolts	4	0%	4	EA	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
			ROOF DECKING															
33	A1.01	A1.13	414 SF 20 GA, Galv. Metal 'B' Deck	394	5%	414	SF	\$ -	\$ -	0	\$ -	\$ -	\$ -					
			MISC. STEEL															
34	A1.01	A1.13	3 EA 6"x6"x1/4" Concrete Filled Steel Tube	659	5%	692	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
35	A1.01	A1.13	2 EA 2x6x1/8 TS Fascia	558	5%	586	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
36	A1.01	A1.13	2 EA W10x22 Beam (assumed) 12'-8"L, 2EA	557	5%	585	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
37	A1.01	A1.13	4 EA 6"x6"x1/4" Posts, CMU embedded - 4 EA	100	5%	105	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
38	A1.01	A1.13	36 LF 1/4" Thick x 2" Wide Cross bracing	367	5%	385	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
39	A1.01	A1.13	4 EA 12" X 12" X 1/2" Base Plate W/ (4) 5/8" Anchor bolts	82	5%	86	LB	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
40	A1.01	A1.13	8 EA 3"x3"x3/8" Steel Angle. Weld To Tube Steel	8	0%	8	EA	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
41	A1.01	A1.13	8 EA 3/4" Diameter Galvanized Machine Bolt	8	0%	8	EA	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
42	A1.01	A1.13	4 EA 3/8" Ø X 2" X2" Round Bar Welded hooks	4	0%	4	EA	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
43	A1.01	A1.13	4 EA 1" Ø X 2" Steel pipe sleeve drop lock guide, welded to frame	4	0%	4	EA	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
44	A1.01	A1.13	4 EA 1" Ø X 6" Steel Pipe Sleeve - With 1/8" Thick Steel Plate Bottom	4	0%	4	EA	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
			Trash Enclosure Sub Total						\$ -		\$ -			\$ -				\$ -
			BIKE RACKS															
45	A1.01	7/A1.21	ø 2 3/8" Steel tube, 39 1/4"W x 51 1/2"H, 3 Loop, surface mount racks w/ ø 7" round flange w/ 3 anchor holes	3	0%	3	EA	\$ -	\$ -	0	\$ -	\$ -	\$ -		0.00	0.00	\$ -	\$ -
			Bike Racks Sub Total						\$ -		\$ -			\$ -				\$ -
SUB - TOTALS									\$ -		\$ -		\$ -	\$ -			\$ -	
TOTAL EXCLUDING O&P														\$ -				
OVERHEAD AND PROFIT													12.3%	\$ -				
TOTAL BASE BID														\$ -				
Exclusion CFMF Framing Anything not Mentioned Above																		