

DETAILED BREAKDOWN OF ITEMS

Prepared for: METALS SAMPLE ESTIMATE
 Project ID:
 Scope: METALS



Date:

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.00	0.00	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.00	0.00	\$ -	\$ -	\$ -	\$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.00	0.00	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.00	0.00	\$ -	\$ -	\$ -	\$ -
5			Mobilization Costs	LS	1	0%	1	0.00	0.00	\$ -	\$ -	\$ -	\$ -
6			Temporary Control & Facilities	LS	1	0%	1	0.00	0.00	\$ -	\$ -	\$ -	\$ -
7			Scaffolding	LS	1	0%	1	0.00	0.00	\$ -	\$ -	\$ -	\$ -
												SUBTOTAL	\$ -
METALS													
STRUCTURAL STEEL													
TERMINAL													
HSS COLUMNS													
8			C1: HSS6X4X1/4 (15' LF) Base Plate 1: 12"x12"x1/2" (8) Plate Washer: 2"x2"x1/4" Rod: 4 x BP 3/4" Cap Plate	LBS	2343	0%	2343	0.00	0.00	\$ -	\$ -	\$ -	\$ -
9			C2: HSS6X6X1/4 (10' LF) Base Plate 2: 12"x12"x1/2" (8) Plate Washer: 2"x2"x1/4" Rod: 4 x BP 3/4" Cap Plate	LBS	1902	10%	2092	0.00	0.00	\$ -	\$ -	\$ -	\$ -
11		S401	C3: HSS8X8X1/4 Base Plate 3: 14"x14"x1/2" (8) Plate Washer: 2 1/2"x2 1/2"x5/16" Rod: 4 x BP 3/4" Cap Plate	LBS	775	10%	852	0.00	0.00	\$ -	\$ -	\$ -	\$ -
13			C4: HSS10X10X1/4 (15' LF) Base Plate 4: 16"x16"x1/2" (8) Plate Washer: 3"x3"x3/8" Rod: 4 x BP 3/4" Cap Plate	LBS	979	10%	1077	0.00	0.00	\$ -	\$ -	\$ -	\$ -
15		S103	JOISTS: 10K1 Joist @ 4'-0" O.C 14K3 Joist @ 4'-0" O.C 16K4 Joist @ 4'-0" O.C 22K4 Joist @ 4'-0" O.C 26K7 Joist @ 4'-0" O.C (23 EA) 30K9 Joist @ 4'-0" O.C (12 EA) 30K9 Joist @ 4'-0" O.C (5 EA) 30K9 Joist @ 4'-0" O.C (2 EA)	LF	10	10%	11	0.00	0.00	\$ -	\$ -	\$ -	\$ -
16			10K1 Joist @ 4'-0" O.C	LF	16	10%	18	0.00	0.00	\$ -	\$ -	\$ -	\$ -
17			14K3 Joist @ 4'-0" O.C	LF	16	10%	18	0.00	0.00	\$ -	\$ -	\$ -	\$ -
18			16K4 Joist @ 4'-0" O.C	LF	20	10%	22	0.00	0.00	\$ -	\$ -	\$ -	\$ -
19			22K4 Joist @ 4'-0" O.C	LF	27	10%	30	0.00	0.00	\$ -	\$ -	\$ -	\$ -
20			26K7 Joist @ 4'-0" O.C (23 EA)	LF	38	10%	42	0.00	0.00	\$ -	\$ -	\$ -	\$ -
21			30K9 Joist @ 4'-0" O.C (12 EA)	LF	34	10%	37	0.00	0.00	\$ -	\$ -	\$ -	\$ -
22			30K9 Joist @ 4'-0" O.C (5 EA)	LF	32	1%	33	0.00	0.00	\$ -	\$ -	\$ -	\$ -
23			30K9 Joist @ 4'-0" O.C (2 EA)	LF	28	10%	31	0.00	0.00	\$ -	\$ -	\$ -	\$ -
BEAM:													
24			W30X90	LBS	83	10%	9207	0.00	0.00	\$ -	\$ -	\$ -	\$ -
25			W24X131	LBS	825	10%	9078	0.00	0.00	\$ -	\$ -	\$ -	\$ -
26			W12X19	LBS	1634	10%	1797	0.00	0.00	\$ -	\$ -	\$ -	\$ -
27			HSS 6X4X5/16	LB	4522	10%	4974	0.00	0.00	\$ -	\$ -	\$ -	\$ -
28			HSS 6X6X5/16	LB	1844	10%	2028	0.00	0.00	\$ -	\$ -	\$ -	\$ -
Building 1													
HAIRPINS:													
29	S101	Plan Notes	#6 X 18'-0" Hairpin Wrapped Around Anchor Rods (16 EA)	LBS	433	10%	476	0.00	0.00	\$ -	\$ -	\$ -	\$ -
PLATE DOWELS @ SAW CUT JOINT:													
30	S101	Plate Dowel Schedule/S201	3/4"x2 1/2"x12" Plate Dowel @ 20" O.C. (PNA PD3 Basket Assembly)	EA	2728	0%	2728	0.00	0.00	\$ -	\$ -	\$ -	\$ -
GRATE:													
31	S101	N12/S201	1'-0" Wide Grate @ Trench Drain	SF	291	10%	320	0.00	0.00	\$ -	\$ -	\$ -	\$ -
METAL ANGLE													
32	A201	E11, A11/S11	Metal Angle @ Storefront Building Door (508 LF) Note: Size Not Provided On Plan. Assumed	LF	508	10%	559	0.00	0.00	\$ -	\$ -	\$ -	\$ -
33	A151	S301/Plan Notes	L3x3x1/4 Angle Frame @ Drains	LBS	78	10%	86	0.00	0.00	\$ -	\$ -	\$ -	\$ -
Building 2													
HAIRPINS:													
34	S102	Plan Notes	#6 X 18'-0" Hairpin Wrapped Around Anchor Rods (16 EA)	LBS	433	10%	476	0.00	0.00	\$ -	\$ -	\$ -	\$ -
PLATE DOWELS @ SAW CUT JOINT:													
35	S101	Plate Dowel Schedule/S201	3/4"x2 1/2"x12" Plate Dowel @ 20" O.C. (PNA PD3 Basket Assembly)	EA	2728	0%	2728	0.00	0.00	\$ -	\$ -	\$ -	\$ -
GRATE:													
36	S102	N12/S201	1'-0" Wide Grate @ Trench Drain	SF	291	10%	320	0.00	0.00	\$ -	\$ -	\$ -	\$ -
METAL ANGLE													
37	A201	E11, A11/S11	L3x3x1/4 Metal Angle @ Storefront Building Door (508 LF) Note: Size Not Provided On Plan. Assumed	LBS	2489	10%	2738	0.00	0.00	\$ -	\$ -	\$ -	\$ -
38	A151	S301/Plan Notes	L3x3x1/4 Angle Frame @ Drains	LBS	78	10%	86	0.00	0.00	\$ -	\$ -	\$ -	\$ -
HARDWARE:													
HSS Column to Beam Connection:													
39			Shear Plate: 26 1/2" L x 5/16" T W/ (9) 3/4" Dia A325N Bolts	EA	2	0%	2	0.00	0.00	\$ -	\$ -	\$ -	\$ -
40			Shear Plate: 10 1/2" L x 5/16" T W/ (4) 3/4" Dia A325N Bolts	EA	2	0%	2	0.00	0.00	\$ -	\$ -	\$ -	\$ -
41			Shear Plate: 20 1/2" L x 5/16" T W/ (6) 3/4" Dia A325N Bolts	EA	2	0%	2	0.00	0.00	\$ -	\$ -	\$ -	\$ -
HSS Column to HSS Beam Connection:													
42	S103	A1/S301	3/8" End Plate	EA	20	0%	20	0.00	0.00	\$ -	\$ -	\$ -	\$ -
Joist to Bond Beam Connection:													
43	S103	N1/S301	L4x3x3/8 x14'-0" W/ 1/4" Stiffener Plate (2) 3/4" Dia Epoxy Bolts	EA	46	0%	46	0.00	0.00	\$ -	\$ -	\$ -	\$ -
BTJ to HSS Column Connection:													
44	S103	N12/S301	Stabilizer Plate: 3/8"x4"x0'-7"	EA	2	0%	2	0.00	0.00	\$ -	\$ -	\$ -	\$ -
METAL DECK													
45	S103	Plan Notes I	1 1/2"-22ga, Type "B" Galv. G90 Metal Deck	SF	7167	10%	7884	0.00	0.00	\$ -	\$ -	\$ -	\$ -
46	S103	N1/S301	Cont. L5 x 5 1/3 x 1/4	LBS	2282	10%	2510	0.00	0.00	\$ -	\$ -	\$ -	\$ -
ORNAMENTAL STEEL													
47	A143 & A204	Plan Notes	Aluminium Canopy Finish	SF	1978	10%	2176	0.00	0.00	\$ -	\$ -	\$ -	\$ -
												SUBTOTAL	\$ -
										PROJECTED COST		\$0	
OVERHEAD AND PROFIT										0.15	0.15	15%	\$0
INSURANCE										0	0	0%	\$0
CONTINGENCY										0	0	0%	\$0
TAX										0	0	0%	\$0
SUGGESTED BID													\$0