

CONSTRUCTION COST ESTIMATE BREAKDOWN

CONTRACTOR					ADDRESS									
					TOTAL MATERIAL COST							#REF!		
					TOTAL LABOR COST							#REF!		
					SUBTOTAL							#REF!		
					SALES TAX					6.25%		#REF!		
					LABOR BURDEN					10.00%		#REF!		
					OVERHEAD & PROFIT					25.00%		#REF!		
					BONDING					2.00%		#REF!		
					CONTINGENCY / WASTAGE					5.00%		#REF!		
					PROPOSED PROJECT AMOUNT							#REF!		
					TOTAL MANHOURS							7747.17		
DATE		PROJECT NAME			SCOPE OF WORK				PROJECT LOCATION					
LINE NO.	DWG REF./ CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR					LINE TOTAL	TRADE TOTAL W/ S.TAX, O&P	
					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE	TOTAL COST			
	DIV. 01	GENERAL REQUIREMENTS			SUBTOTAL MATERIAL	#REF!	#REF!			SUBTOTAL LABOR	#REF!	#REF!	#REF!	#REF!
1		PERMITS, SITE SUPERVISION, FINAL CLEANUP & DUMPSTER	LS	1	#REF!	#REF!			#REF!	\$47,500.00	\$47,500.00	#REF!	#REF!	
	DIV. 32	EXTERIOR IMPROVEMENTS			SUBTOTAL MATERIAL	#REF!	#REF!			SUBTOTAL LABOR	#REF!	#REF!	#REF!	#REF!
		BUILDING STONE/GRAVEL			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	#REF!	
2	S102	12" GRAVEL OR CRUSHED STONE UNDER SLAB ON GRADE OVER FILTER FABRIC	SF	12440	#REF!	#REF!	0.022	273.68	#REF!	#REF!	#REF!	#REF!	#REF!	
		DEMOLITION			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	#REF!	
3	C101	REMOVE EXISTING CONCRETE CURB	LF	44	#REF!	#REF!	0.185	8.19	#REF!	#REF!	#REF!	#REF!	#REF!	
4		REMOVE EXISTING CONCRETE PORCH W/ ASSOCIATED ASSEMBLY	SF	137	#REF!	#REF!	0.025	3.43	#REF!	#REF!	#REF!	#REF!	#REF!	
5		REMOVE EXISTING CONCRETE LANDING	SF	118	#REF!	#REF!	0.025	2.96	#REF!	#REF!	#REF!	#REF!	#REF!	
6		REMOVE EXISTING CONCRETE STEPS	EA	40	#REF!	#REF!	0.125	5.00	#REF!	#REF!	#REF!	#REF!	#REF!	
7		REMOVE EXISTING EDGE OF BIT DRIVEWAY	SF	179	#REF!	#REF!	0.025	4.48	#REF!	#REF!	#REF!	#REF!	#REF!	
8		REMOVE EXISTING TREES	EA	2	#REF!	#REF!	2.425	4.85	#REF!	#REF!	#REF!	#REF!	#REF!	
9		REMOVE EXISTING 2-STORY WOOD DWELLING UNITS (4 LOC)	CF	62150	#REF!	#REF!	0.002	124.30	#REF!	#REF!	#REF!	#REF!	#REF!	
10		REMOVE EXISTING SHED	SF	145	#REF!	#REF!	3.625	525.63	#REF!	#REF!	#REF!	#REF!	#REF!	
11		REMOVE EXISTING TRAILER (1 LOC)	SF	225	#REF!	#REF!	5.625	1265.63	#REF!	#REF!	#REF!	#REF!	#REF!	
12		REMOVE EXISTING DOGHOUSE	CF	200	#REF!	#REF!	0.500	100.00	#REF!	#REF!	#REF!	#REF!	#REF!	
13	REMOVE EXISTING CONCRETE BULKHEAD AND STEPS	SF	36	#REF!	#REF!	0.900	32.40	#REF!	#REF!	#REF!	#REF!	#REF!		
14	REMOVE EXISTING CONCRETE DECK	SF	111	#REF!	#REF!	0.065	7.22	#REF!	#REF!	#REF!	#REF!	#REF!		
		CONSTRUCTION ENTRANCE			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	#REF!	
15	C101, C502	NEW CONSTRUCTION ENTRANCE - SIZE: 25'-0"x12'-0"x0'-6" THK - FILTER FABRIC: MIRAFI 600X OR APPROVED EQUAL	SF	300	#REF!	#REF!	0.042	12.60	#REF!	#REF!	#REF!	#REF!	#REF!	
		CONSTRUCTION FENCE/ EROSION CONTROL			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	#REF!	
16	C101, C502	NEW CONSTRUCTION FABRIC FENCE @5'-0" HT W/ - LINE POST 2 3/8" DIA @10'-0" C.C. - EXPANSION SLEEVE - CHAIN LINK FABRIC (2 1/2" MESH) - BAR BANDS @12" INTERVALS - TURNBUCKLE (6" TAKUP) - END POST 3" DIA W/ END POST CAP - TOP RAIL 1 3/4" DIA - INSTALL 3 VARBED WIRES W/ 45 DEGREE - WITH EROSION CONTROL BARRIER	LF	520	#REF!	#REF!	0.143	74.36	#REF!	#REF!	#REF!	#REF!	#REF!	
		WOOD FENCE			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	#REF!	

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					SUBTOTAL				#REF!					
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					OVERHEAD & PROFIT			25.00%	#REF!					
					BONDING			2.00%	#REF!					
					CONTINGENCY / WASTAGE			5.00%	#REF!					
					PROPOSED PROJECT AMOUNT				#REF!					
TOTAL MANHOURS				7747.17										
DATE	PROJECT NAME			SCOPE OF WORK				PROJECT LOCATION						
LINE NO.	DWG REF./ CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR			LINE TOTAL	TRADE TOTAL W/ S.TAX, O&P			
					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE			UNIT PRICE	TOTAL COST	
17	L1, L7	8'-0" H WOOD COMPOSITE FENCE W/ - 1x4 RAIL CAP, WHITE CEDAR, SHOP ALLPIED SATIN - 1x4 FASCIA BOARD AT TOP, WHITE CEDAR, SHOP APPLIED SATIN - 2x4 BACKING RAIL AT TOP, WHITE CEDAR, SHOP APPLIED SATIN - 5x5 POST, WHITE CEDAR, SHOP APPLIED SATIN - 1x5 V-GROOVE BOARDS, WHITE CEDAR, SHOP APPLIED SATIN - 2x4 BACKING RAIL AT BOTTOM, WHITE CEDAR, SHOP APPLIED SATIN - 1x4 FASCIA BOARD AT BOTTOM, WHITE CEDAR, SHOP APPLIED SATIN - 2" DIA SCHEDULE 40 GALVANIZED PIPE CORE DRILLED INTO FENCE	LF	104	#REF!	#REF!	0.143	14.87	#REF!	#REF!	#REF!	#REF!		
18		6'-0" H WOOD COMPOSITE FENCE W/ - 1x4 RAIL CAP, WHITE CEDAR, SHOP ALLPIED SATIN - 1x4 FASCIA BOARD AT TOP, WHITE CEDAR, SHOP APPLIED SATIN - 2x4 BACKING RAIL AT TOP, WHITE CEDAR, SHOP APPLIED SATIN - 5x5 POST, WHITE CEDAR, SHOP APPLIED SATIN - 1x5 V-GROOVE BOARDS, WHITE CEDAR, SHOP APPLIED SATIN - 2x4 BACKING RAIL AT BOTTOM, WHITE CEDAR, SHOP APPLIED SATIN - 1x4 FASCIA BOARD AT BOTTOM, WHITE CEDAR, SHOP APPLIED SATIN - 2" DIA SCHEDULE 40 GALVANIZED PIPE CORE DRILLED INTO FENCE	LF	169	#REF!	#REF!	0.143	24.17	#REF!	#REF!	#REF!	#REF!		
						#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
			FOOTING			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
19			12" CONCRETE SONO TUBE FOOTING TO FROST	CY	3.0	#REF!	#REF!	6.415	19.05	#REF!	#REF!	#REF!	#REF!	
						#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
			EXCAVATION			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
20			EXCAVATION PROVIDED FOR FOOTING	CY	3.0	#REF!	#REF!	1.189	3.53	#REF!	#REF!	#REF!	#REF!	
21			HAULING OFF EXTRA MATERIAL	CY	3.0	#REF!	#REF!	0.298	0.88	#REF!	#REF!	#REF!	#REF!	
						#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
		GATE			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
22	L1, L7	3'-2"W x 8' HT WOOD GATE W/ SELF LATCHING SS HARDWARE AS NOTED BELOW - PROVIDE EMTEK, MODEL HANOVER 510, COLOR: FLAT BLACK US19, SQUARE CORNER KEYED	EA	4	#REF!	#REF!	1.725	6.90	#REF!	#REF!	#REF!	#REF!		
					#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
		GUARDRAIL			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
23	L1, L7	42" HT ALUMINUM GUARDRAIL OVER RETAINING WALL	LF	84	#REF!	#REF!	0.186	15.53	#REF!	#REF!	#REF!	#REF!		
					#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
		SILT SACK			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
24	C101, C502	SILT SACK@ 3'-0" O.C. W/ - OPTIONAL OVERFLOW - DUMP LOOPS - 1" REBAR FOR BAG REMOVAL FROM INLET	LF	520	#REF!	#REF!	0.037	19.24	#REF!	#REF!	#REF!	#REF!		
					#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
		TANK			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
25	C103, C501	10'-6"x5'-8" 1000 GAL. LEDGE CONCRETE TANK W/ - 20" DIA CLEANOUT COVER 3 PLACES - 4" DIA INLET RUBBER BOOT W/ CLAMP - 2" DIA INLET RUBBER BOOT W/ CLAMP - 8" DIA INLET RUBBER BOOT W/ CLAMP - TONGUE AND GROOVE JOINT SEALED W/ BUTYL RESIN	EA	4	#REF!	#REF!	66.000	264.00	#REF!	#REF!	#REF!	#REF!		
					#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
		TRANSFORMER VAULT			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
26	C103	TRANSFORMER VAULT W/ ASSOCIATED PAD & ASSEMBLY	EA	1	#REF!	#REF!	56.000	56.00	#REF!	#REF!	#REF!	#REF!		
					#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		

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					TOTAL LABOR COST							#REF!	
					SUBTOTAL							#REF!	
					SALES TAX							6.25%	#REF!
					LABOR BURDEN							10.00%	#REF!
					OVERHEAD & PROFIT							25.00%	#REF!
					BONDING							2.00%	#REF!
					CONTINGENCY / WASTAGE							5.00%	#REF!
					PROPOSED PROJECT AMOUNT								#REF!
					TOTAL MANHOURS							7747.17	
DATE		PROJECT NAME			SCOPE OF WORK			PROJECT LOCATION					
LINE NO.	DWG REF./ CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		UNIT LABOR HOUR	LABOR HOURS	LABOR		LINE TOTAL	TRADE TOTAL W/ S.TAX, O&P	
					UNIT PRICE	TOTAL COST			UNIT PRICE	TOTAL COST			
		MARKING			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
27	C103	PROPOSED 12" RAISED CROSSWALK MARKING	LF	112	#REF!	#REF!	0.045	5.04	#REF!	#REF!	#REF!	#REF!	
		STONE STRIPS			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
28	L1, L7	DECORATIVE STONE STRIPS - PROVIDE A SMOOTH, NATURALLY ROUNDED BOTTOM STONE 1.5-2" IN SIZE - 3/16"x4" H PERMALOC EDGE, MILL FINISH: 411 LF - 18" LONG STEEL STAKE: 411 LF - COMPACTED SUBGRADE	SF	551	#REF!	#REF!	0.540	297.54	#REF!	#REF!	#REF!	#REF!	
		WARNING STRIPS/ RAMP			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
29	L1, L7	DTECTABLE WARNING STRIPS AREA	SF	35	#REF!	#REF!	0.040	1.40	#REF!	#REF!	#REF!	#REF!	
		SIGNAGE			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
30	C103	TRAFFIC CONTROL SIGNAGE	EA	4	#REF!	#REF!	3.000	12.00	#REF!	#REF!	#REF!	#REF!	
		ASPHALT REPAIR AND PATCHING			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
31	C103	PROVIDE ASPHALT PATCH AND REPAIR WHERE UTILITIES ARE CONNECTING IN THE STREET	SF	222	#REF!	#REF!	0.029	6.44	#REF!	#REF!	#REF!	#REF!	
		ALLOWNACE			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
32	C103	PROVIDE ALLOWANCE FOR POLICE DETAILS AT ROAD CROSSING WHILE WORKING	LS	1	#REF!	#REF!	12.250	12.25	#REF!	#REF!	#REF!	#REF!	
		RETAINING WALL			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
33	L1, L7	6'-0" HT CONCRETE RETAINING WALL W/ - SMOOTH AND TROWEL FINISH - 1/2" CHAMFER, BOTH SIDES - EPOXY COATED REBAR 12" O.C. E.W - 4" DIA SCH. 40 PERFORATED DRAIN PIPE - 2"x4" KEY - WASHED 3/4" CRUSHED STONE WRAPPED IN FILTER FABRIC, BOTH SIDES	CY	42.1	#REF!	#REF!	5.017	210.98	#REF!	#REF!	#REF!	#REF!	
			FOUNDATION			#REF!	#REF!			#REF!	#REF!	#REF!	
34		2'-10"x1'-0" CONCRETE FOOTINGS W/ #4 EPOXY COATED REBAR 12" O.C. E.W TYP	CY	23.9	#REF!	#REF!	6.415	153.30	#REF!	#REF!	#REF!	#REF!	
			FORMWORK			#REF!	#REF!			#REF!	#REF!	#REF!	
35		FORMWORK REQUIRED	SF	3192	#REF!	#REF!	0.037	118.10	#REF!	#REF!	#REF!	#REF!	
			EXCAVATION			#REF!	#REF!			#REF!	#REF!	#REF!	
36		EXCAVATION PROVIDED FOR FOOTING	CY	285.5	#REF!	#REF!	0.679	193.86	#REF!	#REF!	#REF!	#REF!	
37		BACKFILL PROVIDED FOR FOOTING	CY	220.0	#REF!	#REF!	0.361	79.42	#REF!	#REF!	#REF!	#REF!	
38		HAULING OFF EXTRA MATERIAL	CY	65.5	#REF!	#REF!	0.170	11.14	#REF!	#REF!	#REF!	#REF!	
			PAVERS			#REF!	#REF!			#REF!	#REF!	#REF!	

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					TOTAL MATERIAL COST						#REF!			
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					SALES TAX				6.25%		#REF!			
					LABOR BURDEN				10.00%		#REF!			
					OVERHEAD & PROFIT				25.00%		#REF!			
					BONDING				2.00%		#REF!			
					CONTINGENCY / WASTAGE				5.00%		#REF!			
					PROPOSED PROJECT AMOUNT						#REF!			
						TOTAL MANHOURS					7747.17			
DATE		PROJECT NAME			SCOPE OF WORK				PROJECT LOCATION					
LINE NO.	DWG REF./ CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR					LINE TOTAL	TRADE TOTAL W/ S.TAX, O&P	
					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE	TOTAL COST			
39	L1, L6	PERMEABLE PAVERS W/ - PERMEABLE JOINT OPENING AGGREGATE: OPEN-GRADED, CRUSHED, ANGULAR STONE ASTM NO. 8 - PERMEABLE SETTING BED AGGREGARE: OPEN-GRADED, CRUSHED, ANGULAR STONE ASTM NO. 8 - PERMEABLE BASE AGGREGATE: OPEN-GRADED, CRUSHED, ANGULAR STONE ASTM NO. 57 - TRIAXIAL GEOGRID - PERMEABLE SUBBASE AGGREGATE: OPEN-GRADED, CRUSHED, ANGULAR STONE ASTM NO. 2 - MIRAFI 140N FILTER FABRIC - COMPACTED SUBGRADE	SF	2826	#REF!	#REF!	0.100	282.63	#REF!	#REF!	#REF!	#REF!	#REF!	
		UTILITY POLES (FURNISH & INSTALL POLE BASES)			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
40		9"DIA X 3'-0"D LIGHT BOLLARD FOOTING OVER COMPCATED GRAVEL BASE POLES: 15	CY	0.7	#REF!	#REF!	6.415	4.72	#REF!	#REF!	#REF!	#REF!		
		EARTHWORK			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
41		EXCAVATION	CY	0.7	#REF!	#REF!	0.679	0.50	#REF!	#REF!	#REF!	#REF!		
42		HAUL-OFF	CY	0.7	#REF!	#REF!	0.170	0.13	#REF!	#REF!	#REF!	#REF!		
		OUTDOOR POWER STATION			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
43		10"DIA X 4'-0"D LIGHT BOLLARD FOOTING OVER COMPCATED GRAVEL BASE NO: 3	CY	0.2	#REF!	#REF!	6.415	1.54	#REF!	#REF!	#REF!	#REF!		
		EARTHWORK			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
44		EXCAVATION	CY	0.2	#REF!	#REF!	0.679	0.16	#REF!	#REF!	#REF!	#REF!		
45		HAUL-OFF	CY	0.2	#REF!	#REF!	0.170	0.04	#REF!	#REF!	#REF!	#REF!		
		BUILDING EARTHWORK			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
		EXCAVATION			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
46	S100, S200	EXCAVATION PROVIDED FOR FOOTING	CY	328.5	#REF!	#REF!	0.679	223.05	#REF!	#REF!	#REF!	#REF!		
47		EXCAVATION PROVIDED FOR BASEMENT SLAB ON GRADE	CY	3199.6	#REF!	#REF!	0.679	2172.51	#REF!	#REF!	#REF!	#REF!		
		BACKFILL			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
48	S100, S200	BACKFILL PROVIDED FOR FOOTING	CY	328.5	#REF!	#REF!	0.361	118.59	#REF!	#REF!	#REF!	#REF!		
		HAULOFF/IMPORT			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
49	S100, S200	HAULING OFF EXTRA MATERIAL	CY	3199.6	#REF!	#REF!	0.170	543.93	#REF!	#REF!	#REF!	#REF!		
		NOTES: - IF IMPORT PLEASE MAKE SURE THAT THE COST OF STRUCTURAL FILL IS CARRIED UNDER BITUMINOUS ASPHALT, CONCRETE, AND BUILDING. COMMON FILL CAN BE CARRIED IN OTHER AREAS. ALSO PLEASE REMEMBER TO CARRY TRUCKING COSTS. IT COSTS ROUGHLY \$1,300 FOR 1 TRI-AXLE PER DAY THAT CARRIES (20CY). WE SHOULD ASSUME (4) LOADS PER DAY. - IF EXPORT WE WILL ASSUME THAT ALL MATERIAL IS CLEAN. ASSUME THE SAME TRUCKING AS IMPORT, BUT ALSO CARRY A DISPOSAL FEE OF \$10 PER CY.			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
					#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		

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					LABOR BURDEN								10.00%	#REF!
					OVERHEAD & PROFIT								25.00%	#REF!
					BONDING								2.00%	#REF!
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LINE NO.	DWG REF./ CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR				LINE TOTAL	TRADE TOTAL W/ S.TAX, O&P		
					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE			TOTAL COST	
	DIV. 33	UTILITIES	SUBTOTAL MATERIAL		#REF!	#REF!	SUBTOTAL LABOR				#REF!	#REF!		
		UNDERGROUND PIPING			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
50	C103	2" HDPE DRAIN PIPE - CORRUGATED PLASTIC PIPE ASTM F2648	LF	8	#REF!	#REF!	0.023	0.18	#REF!	#REF!	#REF!	#REF!		
51		4" HDPE DRAIN PIPE - CORRUGATED PLASTIC PIPE ASTM F2648	LF	17	#REF!	#REF!	0.027	0.47	#REF!	#REF!	#REF!	#REF!		
52		6" HDPE DRAIN PIPE - CORRUGATED PLASTIC PIPE ASTM F2648	LF	25	#REF!	#REF!	0.036	0.90	#REF!	#REF!	#REF!	#REF!		
53		8" HDPE DRAIN PIPE - CORRUGATED PLASTIC PIPE ASTM F2648	LF	8	#REF!	#REF!	0.047	0.37	#REF!	#REF!	#REF!	#REF!		
54		10" HDPE DRAIN PIPE - CORRUGATED PLASTIC PIPE ASTM F2648	LF	116	#REF!	#REF!	0.104	12.01	#REF!	#REF!	#REF!	#REF!		
55		DOMESTIC WATER PIPE - 2" CONCRETE LINED DUCTILE IRON PIPE	LF	21	#REF!	#REF!	0.185	3.83	#REF!	#REF!	#REF!	#REF!		
56		FIRE WATER PIPE - 6" CONCRETE LINED DUCTILE IRON PIPE	LF	21	#REF!	#REF!	0.200	4.20	#REF!	#REF!	#REF!	#REF!		
57		SEWER PIPE LINE - PVC ASTM D3034-SDR 35	LF	24	#REF!	#REF!	0.500	11.90	#REF!	#REF!	#REF!	#REF!		
		AREA DRAIN			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
58	C103, C501	AREA DRAIN - AREA DRAIN GATE AND FRAME 8" MIN. GRATE BOLTED TO FRAME - CAST IRON DRAIN BUCKET DRAIN AS MANUFACTURED BY JOSAM SERIES 35580 OR EQUAL	EA	9	#REF!	#REF!	4.785	43.07	#REF!	#REF!	#REF!	#REF!		
		MANHOLE			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
59	C103, C501	30" DOMESTIC CONCRETE MANHOLE - 24" DIA CAST IRON FRAME AND COVER BRICK - (4) 10" DIA KNOCKOUTS	EA	2	#REF!	#REF!	25.705	51.41	#REF!	#REF!	#REF!	#REF!		
		CATCH BASIN			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
60	C103, C501	CATCH BASIN	EA	2	#REF!	#REF!	49.193	98.39	#REF!	#REF!	#REF!	#REF!		
		VALVE			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
61	C103	WATER GATE VALVE	EA	2	#REF!	#REF!	2.125	4.25	#REF!	#REF!	#REF!	#REF!		
		CONNECTIONS			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
62	C103	SEWER CONNECTION	EA	1	#REF!	#REF!	0.500	0.50	#REF!	#REF!	#REF!	#REF!		
63		WATER CONNECTION	EA	2	#REF!	#REF!	0.500	1.00	#REF!	#REF!	#REF!	#REF!		
64		STORM DRAIN CONNECTION	EA	1	#REF!	#REF!	0.500	0.50	#REF!	#REF!	#REF!	#REF!		
		TRENCH			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
65	C103, C501	UTILITY TRENCH - PIPE BEDDING CONSISTING OF 1/2 TO 3/4 INCH CRUSHED STONE - WOOD SHEETING IF REQUIRED	EA	1	#REF!	#REF!	6.000	6.00	#REF!	#REF!	#REF!	#REF!		
		TRENCHING			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
		EXCAVATION			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!		
66		EXCAVATION PROVIDED FOR UTILITY WORKS	CY	88.9	#REF!	#REF!	0.679	60.36	#REF!	#REF!	#REF!	#REF!		

CONSTRUCTION COST ESTIMATE BREAKDOWN

CONTRACTOR					ADDRESS				
					TOTAL MATERIAL COST			#REF!	
					TOTAL LABOR COST			#REF!	
					SUBTOTAL			#REF!	
					SALES TAX		6.25%	#REF!	
					LABOR BURDEN		10.00%	#REF!	
					OVERHEAD & PROFIT		25.00%	#REF!	
					BONDING		2.00%	#REF!	
					CONTINGENCY / WASTAGE		5.00%	#REF!	
					PROPOSED PROJECT AMOUNT			#REF!	
					TOTAL MANHOURS			7747.17	

DATE		PROJECT NAME	SCOPE OF WORK			PROJECT LOCATION							
LINE NO.	DWG REF./ CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR				LINE TOTAL	TRADE TOTAL W/ S.TAX, O&P	
					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE			TOTAL COST
		BACKFILL			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
67		BACKFILL PROVIDED FOR UTILITY WORKS OVER BEDDING MATERIAL	CY	66.7	#REF!	#REF!	0.361	24.07	#REF!	#REF!	#REF!	#REF!	
		HAULOFF/IMPORT			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
68		HAULING OFF EXTRA MATERIAL	CY	22.2	#REF!	#REF!	0.170	3.78	#REF!	#REF!	#REF!	#REF!	
	DIV. 31	EARTHWORK			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	#REF!
		EXCAVATION			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
69	P100	EXCAVATION PROVIDED FOR PIPING	CY	99.2	#REF!	#REF!	0.679	67.35	#REF!	#REF!	#REF!	#REF!	
		BACKFILL			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
70	P100	BACKFILL PROVIDED FOR PIPING	CY	92.5	#REF!	#REF!	0.361	33.39	#REF!	#REF!	#REF!	#REF!	
		HAULOFF/IMPORT			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	
71	P100	HAULING OFF EXTRA MATERIAL FOR PIPING	CY	6.7	#REF!	#REF!	0.170	1.13	#REF!	#REF!	#REF!	#REF!	
					#REF!	#REF!			#REF!	#REF!	#REF!	#REF!	

BID ALTERNATE

LINE NO.	DWG REF./ CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR				LINE TOTAL	TRADE TOTAL
					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE		
	ALT-1	ALTERNATE #1			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!
		EARTHWORK			#REF!	#REF!			#REF!	#REF!	#REF!	#REF!
72		EXCAVATION PROVIDED FOR PVC PIPING	CY	56.7	#REF!	#REF!	0.679	38.50	#REF!	#REF!	#REF!	#REF!
73	P101	BACKFILL PROVIDED FOR PVC PIPING	CY	52.8	#REF!	#REF!	0.361	19.06	#REF!	#REF!	#REF!	#REF!
74		HAULING OFF EXTRA MATERIAL FOR PVC PIPING	CY	3.9	#REF!	#REF!	0.170	0.66	#REF!	#REF!	#REF!	#REF!
					#REF!	#REF!			#REF!	#REF!	#REF!	#REF!