

Group	Phase	Description
01000		FIELD OPERATING COSTS
	01010	General Labor
		Superintendent
		Project Manager - .15 days /wk
	01033	Temp Water
		Temp Water
	01035	Temp Electricity
		Temp Electricity
	01037	Temp Office
		Move & Set-up Office Trailer
		Temp Office
	01038	Temp Toilet
		Portable Toilets
	01330	Site Engineering
		Layout (With Surveyor)
	01400	Dumpster Expense
		Rent Dumpster 30 Yards
	01530	Barriers & Enclosures
		Temporary Fencing
	01602	Signs
		Job Sign
02000		SITWORK/DEMOLITION
	02057	Site Demolition
		Demo Wood Fence
		Demo Chain Link Fence
		Demo Asphalt Drive = 3100 sft
		Demo Gravel Access Road = 10500 sft
	02110	Site Clearing
		Clear & Grub Site = 12000 sft
	02208	Rough Grade
		Rough grade & prep site = 35,000 sft = 1300 cyds
		Basin Shaping - Front = 14,200 sft = 1100 cyds
		Basin Shaping - Rear = 21,200 sft - 2000 cyds
	02212	Fine Grade Topsoil
		Screen Topsoil & in place = 75000 sft
	02224	Building Excavation
		Foundation Frost Wall Trenching = 800 lft
		Bldg Footprint Excavationw/ Oper Equip & Lab
		Hauling - storage on site
	02225	Utility Trench Excavation
		Trench bedding Materials
		Dig Utility Trench/Bf Water = 700 /ft
		Dig Utility Trench/Bf Sanit = 1400 lft
		Dig Utility Trench/Bf Sanit = 1400 lft
		Dig Utility Trench/Bf Storm = 700 lft
		Dig Utility Trench/Bf Elect = 400 lft
		Dig Utility Trench/Bf Gas = 500 lft
	02231	Aggregate Base Course
		Aggregate Base @ Transformer = 2 cyds
		Aggregate Base @ Dumpster = 5 cyds
		Aggregate Base @ Bldg Footprint @ 6" = 19,200sft = 1200 cyds
		Aggregate Base @ Medium Duty Paving @ 12" = 25K sft = 950 cyds

		Aggregate Base @ HeavyDuty Paving @ 18" = 39k sft = 2200 cyds
		Aggregate Base @ Conc Drive @ 12" = 3100 sft = 125 cyds
		Construction Entry @ 24" = 50 cyds
		Sidewalks @ 6" = 5200 sft = 100 cyds
		Mirafi 500x - @ Paving ***
		Mirafi 500x - @ Under slab ***
02510		Asphalt Concrete Paving
		Medium Duty Paving 2.5" base - 1.5" top coat = 25K sft
		Heavy Duty Paving 3.5" base - 1.5" top coat = 39K sft
02550		Pavement Markings
		Pavement Markings
02685		Gas Distribution Systems
		Gas Utility Piping
02712		Footing Drains
		Install Footing Drains, fabric & aggregate
02723		Storm Sewer Piping
		Storm Sewer Piping
02724		Catch Basins
		Catch Basin / MH #1
		Catch Basin / MH #2
		Catch Basin / MH #3
		Catch Basin / MH #4
		Catch Basin / MH #5
		Catch Basin / MH #6
		Excavate set & Backfill Catch Basin
		Misc CB valuves, fittings, piping connections
02731		City Sewer Hook Up
		Street Tie-ins & Reprs - cut, excavate, backfill road patchg Allowance
02733		Sanitary Sewer Piping
		8"Sanitary Piping - SDR35
02734		Sanitary Sewer Manholes
		Sanitary Manhole #1 w/ cover
		Sanitary Manhole #2 w/ cover
		Existing Sanitary Manhole - tie-in & patch
		Sanitary Manhole #3 w/ cover
		Excavate, Set & Backfill MH
		Misc MH fittings, misc piping connections
02750		Water System
		Water Service Street Connection cut excavate, patch road allownce
		6" DIP line
02800		Misc Site Structures
		Gease Trap Conc Structure Allowance - 1000 gal
		Oil Water Separator Conc Structure Allowance - 2500 gal
		Fire Hydrant w/ fittings
02830		Sitework Materials
		Silt Fence w/ Maintenance
02840		Parking Signage
		Site Signage Package - Parking etc
02900		LANDSCAPING
02910		Landscaping
		Hydro-seed w/ fertilizer
02950		Trees, Shrubs & Groundcvr
		Misc Landscaping allowance

		Tree Allowance
		Shurbs Allowance
		Basin Plantings & Cover - Front - wild seed mix
		Basin Plantings & Cover - Rear - wild seed mix
03000		CONCRETE
	03250	Concrete Bollards
		8" Bollards - In Place Dumpster Pad
		8" Bollards - In Place - Bay Doors w/ Decorative Sleeve
	03300	Cast-In-Place Concrete
		Light Pole Bases
		Dumpster Pad = 200 sft
		Bldg Sign Pad = 50 sft
		Concrete Aprons = 1680 sft @ 8"d
	03310	Spread Ftg Conc
		Spread Footing 48" sq - reinforced = 35 cyds
		Spread Footing 72" sq - reinforced - 10 cyds
	03311	S.O.G. Concrete
		8" S.O.G. Conc - Equip Side = 250 cyds = 10,100 sft
		5" S.O.G. Conc - Office Side = 150 cyds = 8020 sft
		4" Mezz Conc - 35 cyds = sft
	03312	Continuous Footings
		Continuous 16" wide - reinforced - 12 cyds
		Continuous 18" wide - reinforced = 6 cyds
		Continuous 20" wide - reinforced = 25 cyds
		Continuous 24" wide - reinforced = 10 cyds
		Continuous 36" wide - reinforced = 70 cyds
	03313	Wall Concrete
		8" Wall Conc - reinforced = 18 cyds
		14" Wall Conc - reinforced = 75 cyds
		16" Wall Conc - reinforced = cyds
		20" Wall Conc - reinforced = cyds
	03320	Concrete Sidewalks
		Broom Finish Concrete - 5" Thick = 5200 sft = 100 cyds
	03370	Concrete /curbing
		Slip-form Concrete Curbing
04000		MASONRY
	04220	Concrete Masonry Unit
		CMU Piers - Reinforced @ OH Drs 2' x 2-4" x 22'h = 100 sft/ea
		8" CMU Reinf -
		8" CMU Reinf - Sub L&M
		4" CMU Backup @ stone veneer
		12" CMU Reinf = 12 courses
		12" CMU Reinf = 12 courses
	04255	Masonry Veneer
		4"d x 4"h x 16" L - Mod CMU Veneer allowance
	04455	Cultered Stone & Castings
		Cultured Stone Budget
		Cast Stone Water Table Cap Budget
		7-5/8"h x 3-5/8" w Cast Stone - Window Band Budget
		12"h x 3-5/8" w Cast Stone - Cornice Band Budget
		2-4"h x 3-5/8" w Cast Stone - Window Band Budget
05000		STEEL
	05120	Structural Steel

		Steel Delivery to Site
		Jobsite Shack-out
		Field bolt / Welding Budget
		Crane & Misc Equip for erection
		Add Factor for under 100 ton projects - per Ed
05121		Beams
		Steel Beams w12x14
		Steel Beams w16x26
		Steel Beams w18x35
		Steel Beams w18x40
		Steel Beams w21x44
		Steel Beams w10x22
		Steel Beams w16x31
		Steel Beams w18x46
		Steel Beams x14x22
05122		Columns
		HSS 5x5x1/4
		HSS 6x6x1/4
		HSS 8x8x1/4
		HSS 16x8x3/8
		W8x40
		W8x48
05123		Loose Lintels
		Misc Angles, Lintels, etc
05210		Steel Joists
		24K7 Steel Roof Truss - 10lb/ft
		40LH 09 Steel Roof Truss - 21 lb/ft
05310		Steel Decking
		Metal Deck- cellulay 1-1/2 # 20 ga
		Metal Deck- cellulay 1-1/2 # 20 ga
		Metal Deck- cellulay 1-1/2 # 20 ga
		Metal Deck- cellulay 1-1/2 # 20 ga
05400		Cold Rolled Framing
		8" CFMF Joists / Rims
		12" CFMF Joists / Rims or use Trusses
		Cold Rolled JCeiling Joists Installation
		Metal Partition -6" studs @ 16" o/c 16ga
		Metal Partition -6" studs 14'h @ 16" o/c 16ga = 600 /ft
		Metal Partition -6" studs 18'h @ 16" o/c 16ga = 600 /ft
		Metal Partition -6" studs @ 16" o/c 16ga
05510		Metal Stairs
		Steel Pan Landing - conc fill
		Steel Risers - conc filled
		Steel Wall Handrail
		Upper Mezz Railing
		Steel Ladder to Roof
05515		Misc. Metals
		Misc. Metals - ladder
		Misc Welding Labor w/ misc. accessories
06100		Rough-Framing
06157		Roof Sheathing
		Roof Sheath 3/4" Cdx
		Roof Sheath 3/4" Cdx

06200		Finish Carpentry
	06221	Interior Trim
		Misc Carpentry
07000		WATERPRF & INSUL
	07192	Vapor Retarder
		Asphalt Roofing Felt 30#
		Spray Applied Air/Vapor Membrane
		Spray Applied Air/Vapor Membrane
		Spray Applied Air/Vapor Membrane
		Spray Applied Air/Vapor Membrane
		Stego - 15 mil
	07210	Insulation
		R-13 Fiberglass Unfaced 3 5/8"
		R-13 Fiberglass Unfaced 3 5/8"
		R-19 Fiberglass Unfaced 6"
		R-19 Fiberglass Unfaced 6"
		R-19 Fiberglass Unfaced 6"
	07211	Board Insulation
		Dow Blueboard - 2"
		Dow Blueboard - 2"
		Dow Blueboard - 2"
		Dow Blueboard - 2"
		Dow Blueboard - 2"
		Dow Blueboard - 2" - SOG
		Dow Blueboard - 2" - Apron
07212		Exterior Siding
	07213	Eifs
		E.I.F.S.
		Misc Built-up Trim Designs
07300		Roofing
	07310	Roof Shingles
		Arch Roof Shingles
	07520	Membrane Roofing
		EPDM Assembly - including metals & accesories
		EPDM Assembly - including metals & accesories
		EPDM Assembly - including metals & accesories
		Roof Drain
	07711	Roof Accessories
		Roof Hatch Budget
	07720	Roof Accessories
		Roof Coverboard
		Roof Coverboard
		Roof Coverboard
08010		Exterior Doors
	08116	Overhead Garage Doors
		14' w x 13'-9" h Alum Full Light OH = 200 sft x \$125/sft x 7ea
	08120	Aluminum Doors
		3/0x7/0 Aluminum Doors
		2/0x7/0 Aluminum Doors
		(2) 3/0x7/2 Aluminum Doors
		3/0x7/2 Aluminum Doors
		(2) 2/6x7/0 Aluminum Doors
08200		Interior Doors

	08210	Doors
		1-6x7-0 FF DR & Frames
		(3) 2-2x7-0 FF Dr& Frames
		(2) 2-6x7-0 FF Dr & Frames
		3-0x7-0 FF Dr & Frames
		(2) 3-4x7-0 FF Dr & Frames
		3-6x7-0 FF Dr & Frames
		(2) 3-0x7-0 FF Dr & Frames
		(2) 3-4x5-0 FF Dr & Frames
		3-0x6-0 FF Dr & Frames
		3-0x7-0 FF Dr & Frames
		(2) 3-0x7-0 FF Dr & Frames
		3-0x7-0 FF Dr & Frames
08600		Windows
	08690	Aluminum Storefront & Wdw Assemblies
		Clerestory Wdw Assembly Avg 14'w x 5'-4"h = 75sft @ \$70
		Clerestory Wdw Assembly Avg 14'w x 3'-6"h = 51sft @ \$70
		Aluminum Storefront Assemblies - D1 = 35sft @ \$70
		Aluminum Storefront Assemblies - D2 = 15sft @ \$70
		Aluminum Storefront Assemblies - D3 = 62sft @ \$70
		Aluminum Storefront Assemblies - D4 = 60sft @ \$70
		Aluminum Wdw - S1 = 27sft @ \$70
		Aluminum Wdw - S2 = 40sft @ \$70
		Aluminum Wdw - S3 = 75sft @ \$70
		Aluminum Wdw - S4 = 27sft @ \$70
		Aluminum Wdw - S5 = 40sft @ \$70
		Aluminum Wdw - S6 = 58sft @ \$70
		Skylights
08700		Hardware
	08710	Finish Hardware
		Finish Hardware Budget
08800		Glazing
	08810	Glazing Panes / Related W
		Glazing Panes DR G& N
09000		FINISHES
	09250	Metal Studs
		3-5/8" Studs
		3-5/8" Studs
	09261	Gypsum Board
		Dens-Glass Gold Ext. Gyp Sheathing
		Dens-Glass Ext Sheathing
		Dens-Glass Ext Sheathing
		Drywall Complete 5/8"
		Drywall Complete 5/8"
		Gyp Bd for suspended ceilings - level 4 finish
		Gyp Bd Walls level 4 finish= Ext Perimeter
		Gyp Bd for Partition walls - level 4 finish
		Gyp Bd for Partition walls - level 4 finish
	09300	Suspended Ceiling Systems
		Gypsum Board Soffits
		Suspended Gyp Bd Ceiling Assembly
	09310	Ceramic Tile Work
		Ceramic Floor Tile

		Ceramic Base
		Ceramic wall tile - full hgt
		Quarry Tile 6x6 , red, mud set
	09500	Acoustical Ceilings
		2 x 4 Acoustical Ceilings
09600		Flooring & Carpet
	09640	Sealed Concrete
		Concrete Flr - sealed - Mess
	09660	Resil Flooring
		Resil. Tile 12 x 12
		Rubber Base
		Rubber Base
		Rubber Stair Landing, treads & rrisers
		Walk-off mat @ Vestible
	09688	Carpet Tile
		Carpet Tile
	09720	Epoxy Paint
		Epoxy Paint Flooring
09900		Painting
	09920	Interior Painting
		Walls - CMU Walls finish coats
		Walls - CMU Walls finish coats
		CMU Block Filler
		Walls - 3 Coats
		Walls - 3 Coats
		Walls - 3 Coats
		Walls - 3 Coats
		Epoxy Wall Paint 8' H Apparatus area
		Paint HM Frames
		Paint Frames w/ epoxy
10000		SPECIALTIES
	10155	Toilet Compartments
		Toilet Partitions
	10426	Signage
		Building Signage Allowance - Site Exterior
		Building Signage Allowance - Building Exterior
		Building Signage Allowance - Interior
	10522	Fire Extinguishers
		Fire Extinguisher w/Cab.Budget
	10650	Operable Partitions
		Operable Partition 36'w x 10'h
10800		Bathroom Accessories
	10820	Bath Accessories
		Toilet Paper Holder
		Soap Dispensor
		Paper Towel Disp. & waste
		Sanitary Napkin Disposal
		36" Grab Bar 1-1/2" dia
	10821	Mirror
		Mirrors
11000		SPECIAL EQUIPMENT/SYSTEMS
	11312	Vehicle Exhaust System
		Garage Vehicle Exhuast System & Componets Budeget

11400		Kitchen Equipment
	11401	Kitchen Equip & Fitout
		Restaurant Equipment Allowance - includes bar equip
12000		Furnishings
	12370	Millwork
		Counter Top Allowance for Radio room
		Showcase detail 4 Allowance
		Showcase detail 5 Allowance
		Showcase detail 2 Allowance
		Radio Rm Base Cabinetry Allowance
		Mailbox Cabinetry detail 6 Allowance
		Bar Area Millwork Allowance
15001		PLUMBING
	15055	Sanitary, Storm Gas & Air Piping
		3/4" Air Piping copper
		Gas Piping - 2"
		Gas Piping - 1" up
		Storm pipe Lines - 8"
		Water Service Lines - 6"
		Underslab Sanitary Lines - 5"
		Storm Overflow Lines - 8" PVC
		Underslab Sanitary Lines - 4"
		Sanitary Lines - 5"
		Floor Drain
		Trench Drains = 7 bays @ 45ft/ea
	15066	Domestic Piping
		HW 2" Copper Pipe
		CW 2" Copper Pipe
		2" Truck Fill Pipe Copper
		HW 3/4" Pex .5
		CW 3/4" Pex .5
		R 1/2" Pex .3
		Frost Free Sillcock
	15073	Pipe & Fittings
		Misc Fittings Lot
	15210	Plumbing Fixtures
		Drinking Fountain
		Urinal
		Mop Basin
		Shower Stall A Rm 105
		Kitchen Single SK-1
		Wall Lav - Kinston wall hung Lav-1
		Water Closets WC-1 & WC-2
		Mop Sink
	15300	Fire Protection
		Sprinkler Budget - dry & wet system areas @ office & Apparatus
		Sprinkler Budget - dry & wet system areas @ Mezz
	15310	Water Heaters
		Water Heater & componet parts - 120 gal
15500		H.V.A.C.
	15501	HVAC
		Misc fittings
		Gas Piping @ RTU

		RTU 1 = 3 tons
		RTU 2 = 5 Tons
		RTU 3 = 5 tons
		RTU 4 = 7.5 Tons
		Approx ductwork lft = 3500 x 5/lb = 17,500lbs
15556		Cast Iron/Copper Boilers
		Boiler & Componet parts Package - 1
		Boiler & Componet parts Package - 1
		Radiant Heat
15830		CHU Units
		CHU - Vestible
15870		Exhaust Fans
		F-1
		F-2
		F-3
		ERV Allowance
15910		Ductwork Accessories
		24x24 Difusers / Registers
		24x24 Return Grilles
15990		Testing,Adjusting,Balance
		Testing & Balancing
		ID Tagging
16000		ELECTRICAL
16001		Electric - Basic Wiring
		Transformer 225 KVA
		600A /3 Main Panel
		100A /3
		225A /3
		Misc Allowaance - generator, electric tie-ins, ewtc
		Receptacle
		Quad Receptacle
		Speciaal Purpose Receptacle
		GFCI Receptacle
		WP Receptacle
		Smoke / CO2 Detector
		Light Wiring ceiling cans
		Boiler wiring / switch
		Motor connections
		RTU & ACC Disconnects
		Visual Alarm
		Sound & Visual Alarm
		Double Action Manual Station
		S Speaker
		Fire Alarm Control Panel Allowance
		Smoke Detector
		Junction Box
16300		Generator
		Standby Generator 150 kw - 208/120v - LP - Allowance
16412		Automatic Transfer Switch
		Automatic Transfer Switch - Allowance
16512		Exterior Lighting Budget Allowance
		X1 Pole Top ES Type IV Froward Throw
		X2 Pole Top
		X3 Pole Top

		Light Poles
16515		Interior Light Fixture Budget Allowance
		A1 - OS Step Dimming
		A2 Program Start
		B1 -OS
		C1 Rapid Start
		C2
		D1 - dimmer
		G1
		F1 - OS
		J1
		EX1
		EX2
		K1 -wall sconce
		a,s switch
		3K 3 way control key
		4F 4 way control key
		3a,b 3 way switch
		4 way switch
		Typ switch
		H1
16816		Security, Video & Audio Budget Allowance
		Exterior fixed camera
		Interior fixed camera
		Type 1 wall mounted outlet
		Type 2 wall mounted outlet
		Communications outlet
		Card Reader
		Wireless access point
		Door Lock System
		IC Intercom Systems
		Wall mounted speakers
		Speaker Attenuator
		S2 Door Access Node Rack
		Exacqvision IP Network Recorder Rack Mounted
		WC-1
		30db Amplifer Mounted on backboard
		12 Port Distribution Splitter mounted on backboard

Takeoff Quantity		Material Cost/Unit	Material Amount	Lab Cost/Unit	Labor amount
52.00	wk				
52.00	wk				
1.00	ls				
12.00	pth				
1.00	ls			1,000.00	1,000
1.00	pth				
40.00	wk				
1.00	ls			8,000.00	8,000
10.00	ea	400.00	4,000		
1,500.00	lf			6.00	9,000
1.00	ea				
35.00	lft			3.00	105
175.00	lft			5.00	875
350.00	syd			6.75	2,363
1,200.00	syd			5.00	6,000
0.50	Acre			14,000.00	7,000
1.00	days			6,000.00	6,000
0.50	days			6,000.00	3,000
1.00	days			6,000.00	6,000
8,500.00	syd	2.50	21,250	1.25	10,625
1.00	day			1,500.00	1,500
2.00	days			5,500.00	11,000
5.00	days			1,650.00	8,250
600.00	cyds	34.00	20,400	4.00	2,400
700.00	lft			15.00	10,500
440.00	lft			50.00	22,000
235.00	lft			15.00	3,525
700.00	lft			15.00	10,500
400.00	lft			15.00	6,000
500.00	lft			15.00	7,500
3.50	tons	7.00	25	5.00	18
9.00	tons	7.00	63	5.00	45
19,200.00	sft			0.75	14,400
25,000.00	sft			1.25	31,250

39,000.00	sft			1.75	68,250
3,100.00	sft			1.25	3,875
2,200.00	sft			1.25	2,750
5,200.00	sft			0.75	3,900
7,100.00	syd	1.10	7,810		
2,100.00	syd	1.10	2,310		
25,000.00	sft			2.50	62,500
39,000.00	sft			3.75	146,250
16,500.00	sft			0.18	2,970
500.00	lft			15.00	7,500
1,000.00	lf			10.00	10,000
440.00	lft	25.00	11,000	25.00	11,000
1.00	ea	800.00	800		
1.00	ea	800.00	800		
1.00	ea	800.00	800		
1.00	ea	800.00	800		
1.00	ea	800.00	800		
1.00	ea	800.00	800		
6.00	ea			500.00	3,000
6.00	ea			500.00	3,000
1.00	ls				
440.00	lft	15.00	6,600	5.00	2,200
1.00	ea	2,000.00	2,000		
1.00	ea	2,000.00	2,000		
1.00	ea			1,800.00	1,800
1.00	ea	2,000.00	2,000		
4.00	ea			1,000.00	4,000
4.00	ea	500.00	2,000	500.00	2,000
1.00	ls				
600.00	lft	18.00	10,800	13.00	7,800
1.00	ea	2,500.00	2,500	1,250.00	1,250
1.00	ea	4,000.00	4,000	1,250.00	1,250
2.00	ea	2,500.00	5,000	1,500.00	3,000
3,900.00	lf			2.00	7,800
1.00	ls			1,000.00	1,000
75,000.00	sft			0.75	56,250
1.00	ls			5,000.00	5,000

1.00	ls			15,000.00	15,000
1.00	ls			10,000.00	10,000
6,200.00	sft			0.75	4,650
10,500.00	sft			0.75	7,875
5.00	ea	950.00	4,750	250.00	1,250
14.00	ea	1,250.00	17,500	250.00	3,500
16.00	ea	750.00	12,000	250.00	4,000
5.00	cyds	200.00	1,000	250.00	1,250
2.00	cyds	200.00	400	250.00	500
42.00	cyds	200.00	8,400	250.00	10,500
35.00	cy	200.00	7,000	300.00	10,500
10.00	cy	200.00	2,000	300.00	3,000
250.00	cy	150.00	37,500	100.00	25,000
123.00	cy	150.00	18,450	100.00	12,300
35.00	cy	175.00	6,125	125.00	4,375
12.00	cy	135.00	1,620	175.00	2,100
6.00	cy	140.00	840	175.00	1,050
25.00	cy	160.00	4,000	180.00	4,500
9.00	cy	160.00	1,440	185.00	1,665
67.00	cy	175.00	11,725	185.00	12,395
18.00	cy	200.00	3,600	250.00	4,500
65.00	cy	250.00	16,250	250.00	16,250
21.00	cy	250.00	5,250	250.00	5,250
41.00	cy	250.00	10,250	250.00	10,250
5,200.00	sf			4.75	24,700
1,075.00	lf			12.00	12,900
9.00	ea			1,500.00	13,500
12,615.00	sf			11.75	148,226
4,200.00	sf			11.75	49,350
1,200.00	sf			7.25	8,700
760.00	sft			18.00	13,680
1,000.00	sft			18.00	18,000
7,500.00	sft			20.00	150,000
1,200.00	sf	10.00	12,000	12.00	14,400
510.00	lft	7.75	3,953	4.50	2,295
300.00	lft	25.00	7,500	5.00	1,500
120.00	Lft	50.00	6,000	10.00	1,200
675.00	lft	75.00	50,625	10.00	6,750

37.00	ton	250.00	9,250		
37.00	ton			300.00	11,100
37.00	ton			1,000.00	37,000
37.00	ton			300.00	11,100
1.00	ls	50,000.00	50,000		
800.00	lf	34.50	27,600	4.50	3,600
300.00	lf	42.00	12,600	4.50	1,350
130.00	lf	65.55	8,522	4.50	585
100.00	lf	74.75	7,475	4.50	450
80.00	lf	80.50	6,440	4.50	360
425.00	lft	38.00	16,150	4.50	1,913
425.00	lft	50.00	21,250	4.50	1,913
30.00	lft	75.00	2,250	4.50	135
900.00	lft	45.00	40,500	4.50	4,050
206.00	lft	35.00	7,210	4.50	927
15.00	lft	50.00	750	4.50	68
94.00	lft	110.00	10,340	4.50	423
59.00	lft	225.00	13,275	4.50	266
186.00	lft	74.75	13,904	4.50	837
116.00	lft	75.00	8,700	4.50	522
1.00	ls	5,000.00	5,000	5,000.00	5,000
630.00	lft	12.00	7,560	2.25	1,418
950.00	lft	18.00	17,100	2.25	2,138
3,500.00	sf	3.00	10,500	1.00	3,500
2,600.00	sf	3.00	7,800	1.00	2,600
1,600.00	sf	3.00	4,800	1.00	1,600
10,300.00	sf	3.00	30,900	1.00	10,300
320.00	lft	4.00	1,280		
3,350.00	lft	6.50	21,775	1.50	5,025
17.00	ea			20.00	340
215.00	lft	14.00	3,010	16.00	3,440
3,550.00	lft	14.00	49,700	16.00	56,800
560.00	lft	14.00	7,840	16.00	8,960
1,400.00	lft	14.00	19,600	16.00	22,400
45.00	sf	100.00	4,500	20.00	900
20.00	ea	750.00	15,000	150.00	3,000
40.00	lft	15.00	600	10.00	400
110.00	lft	50.00	5,500	25.00	2,750
1.00	ea			1,000.00	1,000
1.00	ea			1,500.00	1,500
1.00	ls			10,000.00	10,000
450.00	sf	1.00	450	0.70	315
3,275.00	sf	1.00	3,275	0.70	2,293

1.00	ls	1,500.00	1,500	5,000.00	5,000
3,000.00	sf	0.14	425	0.10	300
3,550.00	sft			0.95	3,373
560.00	sft			0.95	532
2,185.00	sft			0.95	2,076
1,400.00	sft			0.95	1,330
20,000.00	sft			2.00	40,000
4,280.00	sf	0.35	1,498	0.35	1,498
3,650.00	sf	0.35	1,278	0.35	1,278
3,550.00	sf	0.63	2,237	0.40	1,420
560.00	sf	0.63	353	0.40	224
1,400.00	sf	0.63	882	0.40	560
3,550.00	sf	0.70	2,485	0.50	1,775
560.00	sf	0.70	392	0.50	280
2,185.00	sf	0.70	1,530	0.50	1,093
1,400.00	sf	0.70	980	0.50	700
1,500.00	sf	0.70	1,050	0.50	750
11,500.00	sf	0.70	8,050	0.50	5,750
1,550.00	sf	0.70	1,085	0.50	775
1,200.00	sft			15.00	18,000
400.00	lft			35.00	14,000
30.00	sq	250.00	7,500	125.00	3,750
3,500.00	sf			12.00	42,000
1,600.00	sf			12.00	19,200
10,300.00	sf			12.00	123,600
6.00	ea			750.00	4,500
1.00	ea	500.00	500	100.00	100
3,500.00	sft			0.80	2,800
1,600.00	sft			0.80	1,280
10,300.00	sft			0.80	8,240
7.00	ea			25,000.00	175,000
2.00	ea			1,200.00	2,400
1.00	ea			1,200.00	1,200
2.00	ea			2,800.00	5,600
7.00	ea			1,500.00	10,500
2.00	ea			2,500.00	5,000

1.00	ea	400.00	400	150.00	150
1.00	ea	1,500.00	1,500	300.00	300
1.00	ea	1,500.00	1,500	300.00	300
25.00	ea	500.00	12,500	150.00	3,750
1.00	ea	1,500.00	1,500	300.00	300
2.00	ea	800.00	1,600	150.00	300
4.00	ea	1,000.00	4,000	300.00	1,200
1.00	ea	3,000.00	3,000	300.00	300
1.00	ea	450.00	450	150.00	150
2.00	ea	500.00	1,000	150.00	300
4.00	ea	1,000.00	4,000	300.00	1,200
3.00	ea	500.00	1,500	150.00	450
3.00	ea			5,250.00	15,750
2.00	ea			3,570.00	7,140
3.00	ea			2,450.00	7,350
2.00	ea			1,050.00	2,100
1.00	ea			4,340.00	4,340
1.00	ea			4,200.00	4,200
4.00	ea			1,890.00	7,560
7.00	ea			2,800.00	19,600
1.00	ea			5,250.00	5,250
1.00	ea			1,890.00	1,890
2.00	ea			2,800.00	5,600
2.00	ea			4,060.00	8,120
4.00	ea	1,000.00	4,000	500.00	2,000
1.00	ls	35,000.00	35,000	5,000.00	5,000
9.00	ea	25.00	225	25.00	225
4,350.00	sf	0.75	3,263	3.00	13,050
3,775.00	sf	0.75	2,831	3.00	11,325
1,720.00	sf	0.90	1,548	1.00	1,720
3,550.00	sf	0.90	3,195	1.00	3,550
4,350.00	sf	0.90	3,915	1.00	4,350
4,280.00	sf	0.45	1,926	1.50	6,420
4,280.00	sf	0.45	1,926	1.50	6,420
2,500.00	sf	0.45	1,125	1.50	3,750
560.00	sf	0.45	252	1.50	840
3,775.00	sf	0.45	1,699	1.50	5,663
3,775.00	sf	0.45	1,699	1.50	5,663
150.00	sf	5.00	750	20.00	3,000
2,500.00	sf	0.85	2,125	2.25	5,625
575.00	sft	5.00	2,875	3.00	1,725

200.00	lft	6.00	1,200	7.00	1,400
1,800.00	sf	3.75	6,750	5.25	9,450
500.00	sft	8.00	4,000	7.00	3,500
5,690.00	sf			4.00	22,760
475.00	sf	1.00	475	1.00	475
6,560.00	sf			2.75	18,040
2,150.00	lf	2.00	4,300	1.75	3,763
250.00	lf	2.00	500	1.75	438
200.00	sf	8.00	1,600	5.00	1,000
45.00	sf	22.00	990	4.00	180
125.00	sy			30.00	3,750
8,015.00	sf	2.00	16,030	5.00	40,075
3,550.00	sf	0.26	923	0.75	2,663
560.00	sf	0.26	146	0.75	420
13,950.00	sf	0.26	3,627	0.75	10,463
6,795.00	sf	0.26	1,767	0.75	5,096
4,350.00	sf	0.26	1,131	0.75	3,263
3,775.00	sf	0.26	982	0.75	2,831
4,275.00	sf	0.26	1,112	0.75	3,206
1,650.00	sf	2.00	3,300	3.00	4,950
37.00	ea	5.00	185	100.00	3,700
1.00	ls			4,000.00	4,000
5.00	ea	675.00	3,375	200.00	1,000
1.00	ls			30,000.00	30,000
1.00	ls			10,000.00	10,000
1.00	ls			5,000.00	5,000
5.00	ea	350.00	1,750	50.00	250
360.00	sft	60.00	21,600	35.00	12,600
5.00	ea	45.00	225	25.00	125
5.00	ea	55.00	275	25.00	125
5.00	ea	325.00	1,625	50.00	250
2.00	ea	185.00	370	75.00	150
4.00	ea	45.00	180	25.00	100
7.00	ea	125.00	875	30.00	210
1.00	ls			87,423.00	87,423

1.00	LS				
26.00	lft	35.00	910	20.00	520
16.50	lft	400.00	6,600	20.00	330
9.00	lft	400.00	3,600	20.00	180
12.67	lft	400.00	5,068	20.00	253
16.00	lft	200.00	3,200	20.00	320
4.00	lft	200.00	800	20.00	80
1.00	ls			30,000.00	30,000
400.00	lf	5.75	2,300	9.50	3,800
400.00	lf	10.00	4,000	25.00	10,000
50.00	lf	5.85	293	11.75	588
50.00	lf	300.00	15,000	200.00	10,000
75.00	lf	19.25	1,444	33.50	2,513
75.00	lf	15.00	1,125	30.00	2,250
200.00	lf	52.00	10,400	42.50	8,500
650.00	lf	9.25	6,013	27.30	17,745
150.00	lf	15.00	2,250	30.00	4,500
12.00	ea	300.00	3,600	100.00	1,200
315.00	lft	100.00	31,500	25.00	7,875
250.00	lft	24.30	6,075	17.50	4,375
400.00	lft	24.30	9,720	17.50	7,000
400.00	lft	24.30	9,720	17.50	7,000
400.00	lft	1.25	500	1.75	700
400.00	lft	1.25	500	1.75	700
400.00	lft	1.00	400	1.75	700
8.00	ea	15.00	120	2.00	16
1.00	ls	5,000.00	5,000		
2.00	ea			1,000.00	2,000
1.00	ea			800.00	800
3.00	ea			800.00	2,400
1.00	ea			1,000.00	1,000
3.00	ea			700.00	2,100
7.00	ea			1,300.00	9,100
6.00	ea			1,300.00	7,800
1.00	ea			700.00	700
18,300.00	sft			5.00	91,500
2,290.00	sft			5.00	11,450
1.00	ea	6,500.00	6,500	2,500.00	2,500
1.00	ls			15,000.00	15,000
4.00	ea			500.00	2,000

1.00	ea			6,000.00	6,000
1.00	ea			10,000.00	10,000
1.00	ea			10,000.00	10,000
1.00	ea			15,000.00	15,000
17,500.00	lbs	1.00	17,500	6.00	105,000
1.00	ls	18,000.00	18,000	2,500.00	2,500
1.00	ls	18,000.00	18,000	2,500.00	2,500
11,500.00	lft	2.50	28,750	7.50	86,250
1.00	ea			1,000.00	1,000
1.00	ea	4,500.00	4,500	1,200.00	1,200
1.00	ea	4,500.00	4,500	1,200.00	1,200
1.00	ea	1,200.00	1,200	500.00	500
1.00	ea			1,000.00	1,000
26.00	ea	55.00	1,430	55.00	1,430
18.00	ea	110.00	1,980	45.00	810
1.00	ls			7,500.00	7,500
1.00	ls			1,000.00	1,000
1.00	ls			17,000.00	17,000
1.00	ls			21,950.00	21,950
5.00	ls			2,500.00	12,500
1.00	ls			4,000.00	4,000
1.00	ls			25,000.00	25,000
50.00	ea			200.00	10,000
17.00	ea			200.00	3,400
3.00	ea			200.00	600
32.00	ea			200.00	6,400
13.00	ea			200.00	2,600
6.00	ea			200.00	1,200
3.00	ea			200.00	600
2.00	ea			200.00	400
24.00	ea			200.00	4,800
7.00	ea			500.00	3,500
9.00	ls			350.00	3,150
9.00	ls			350.00	3,150
11.00	ls			500.00	5,500
12.00	ls			350.00	4,200
1.00	ls			9,500.00	9,500
6.00	ea			200.00	1,200
35.00	ea			50.00	1,750
1.00	ea			60,000.00	60,000
1.00	ea			10,000.00	10,000
5.00	ea			1,125.00	5,625
5.00	ea			1,125.00	5,625
6.00	ea			1,125.00	6,750

16.00	ea			3,000.00	48,000
59.00	ea	280.00	16,520		
16.00	ea	280.00	4,480		
3.00	ea	210.00	630		
22.00	ea	45.00	990		
7.00	ea	45.00	315		
51.00	ea	155.00	7,905		
2.00	ea	210.00	420		
7.00	ea	185.00	1,295		
18.00	ea	200.00	3,600		
8.00	ea	200.00	1,600		
2.00	ea	210.00	420		
3.00	ea	210.00	630		
7.00	ea			310.00	2,170
5.00	ea			500.00	2,500
2.00	ea			500.00	1,000
8.00	ea			310.00	2,480
1.00	ea			310.00	310
23.00	ea			310.00	7,130
20.00	ea	460.00	9,200		
6.00	ea			2,500.00	15,000
1.00	ea			1,800.00	1,800
15.00	ea			200.00	3,000
9.00	ea			200.00	1,800
61.00	ea			200.00	12,200
15.00	ea			1,800.00	27,000
11.00	ea			150.00	1,650
15.00	ea			350.00	5,250
2.00	ea			1,000.00	2,000
4.00	ea			350.00	1,400
2.00	ea			500.00	1,000
1.00	ea			250.00	250
1.00	ea			2,000.00	2,000
1.00	ea			2,000.00	2,000
1.00	ea			350.00	350
1.00	ea			750.00	750

Equip Cost/Unit	Total Cost/Unit	Total Amount
	1,900.00	98,800
	1,200.00	62,400
11.00	611.00	611
	100.00	1,200
	1,000.00	1,000
300.00	300.00	300
	95.00	3,800
	8,000.00	8,000
	400.00	4,000
	6.00	9,000
	200.00	200
	3.00	105
	5.00	875
	6.75	2,363
	5.00	6,000
	14,000.00	7,000
	6,000.00	6,000
	6,000.00	3,000
	6,000.00	6,000
	3.75	31,875
	1,500.00	1,500
	5,500.00	11,000
	1,650.00	8,250
	38.00	22,800
	15.00	10,500
	50.00	22,000
	15.00	3,525
	15.00	10,500
	15.00	6,000
	15.00	7,500
	12.00	42
	12.00	108
	0.75	14,400
	1.25	31,250

	1.75	68,250
	1.25	3,875
	1.25	2,750
	0.75	3,900
	1.10	7,810
	1.10	2,310
	2.50	62,500
	3.75	146,250
	0.18	2,970
	15.00	7,500
	10.00	10,000
	50.00	22,000
	800.00	800
	800.00	800
	800.00	800
	800.00	800
	800.00	800
	800.00	800
	500.00	3,000
	500.00	3,000
	7,500.00	7,500
	20.00	8,800
	2,000.00	2,000
	2,000.00	2,000
	1,800.00	1,800
	2,000.00	2,000
	1,000.00	4,000
	1,000.00	4,000
	7,500.00	7,500
4.00	35.00	21,000
	3,750.00	3,750
	5,250.00	5,250
	4,000.00	8,000
	2.00	7,800
	1,000.00	1,000
	0.75	56,250
	5,000.00	5,000

	15,000.00	15,000
	10,000.00	10,000
	0.75	4,650
	0.75	7,875
	1,200.00	6,000
	1,500.00	21,000
	1,000.00	16,000
	450.00	2,250
	450.00	900
	450.00	18,900
	500.00	17,500
	500.00	5,000
	250.00	62,500
	250.00	30,750
	300.00	10,500
	310.00	3,720
	315.00	1,890
	340.00	8,500
	345.00	3,105
	360.00	24,120
	450.00	8,100
	500.00	32,500
	500.00	10,500
	500.00	20,500
	4.75	24,700
	12.00	12,900
	1,500.00	13,500
	11.75	148,226
	11.75	49,350
	7.25	8,700
	18.00	13,680
	18.00	18,000
	20.00	150,000
	22.00	26,400
	12.25	6,248
	30.00	9,000
	60.00	7,200
	85.00	57,375

	250.00	9,250
	300.00	11,100
	1,000.00	37,000
	300.00	11,100
	50,000.00	50,000
1.25	40.25	32,200
1.25	47.75	14,325
1.25	71.30	9,269
1.25	80.50	8,050
1.25	86.25	6,900
1.25	43.75	18,594
1.25	55.75	23,694
1.25	80.75	2,423
1.25	50.75	45,675
1.25	40.75	8,395
1.25	55.75	836
1.25	115.75	10,881
1.25	230.75	13,614
1.25	80.50	14,973
1.25	80.75	9,367
	10,000.00	10,000
0.75	15.00	9,450
1.15	21.40	20,330
1.00	5.00	17,500
1.00	5.00	13,000
1.00	5.00	8,000
1.00	5.00	51,500
	4.00	1,280
	8.00	26,800
	20.00	340
	30.00	6,450
	30.00	106,500
	30.00	16,800
	30.00	42,000
	120.00	5,400
	900.00	18,000
	25.00	1,000
	75.00	8,250
	1,000.00	1,000
	1,500.00	1,500
	10,000.00	10,000
	1.70	765
	1.70	5,568

	6,500.00	6,500
	0.24	725
	0.95	3,373
	0.95	532
	0.95	2,076
	0.95	1,330
	2.00	40,000
	0.70	2,996
	0.70	2,555
	1.03	3,657
	1.03	577
	1.03	1,442
	1.20	4,260
	1.20	672
	1.20	2,622
	1.20	1,680
	1.20	1,800
	1.20	13,800
	1.20	1,860
	15.00	18,000
	35.00	14,000
	375.00	11,250
	12.00	42,000
	12.00	19,200
	12.00	123,600
	750.00	4,500
	600.00	600
	0.80	2,800
	0.80	1,280
	0.80	8,240
	25,000.00	175,000
	1,200.00	2,400
	1,200.00	1,200
	2,800.00	5,600
	1,500.00	10,500
	2,500.00	5,000

	550.00	550
	1,800.00	1,800
	1,800.00	1,800
	650.00	16,250
	1,800.00	1,800
	950.00	1,900
	1,300.00	5,200
	3,300.00	3,300
	600.00	600
	650.00	1,300
	1,300.00	5,200
	650.00	1,950
	5,250.00	15,750
	3,570.00	7,140
	2,450.00	7,350
	1,050.00	2,100
	4,340.00	4,340
	4,200.00	4,200
	1,890.00	7,560
	2,800.00	19,600
	5,250.00	5,250
	1,890.00	1,890
	2,800.00	5,600
	4,060.00	8,120
	1,500.00	6,000
	40,000.00	40,000
	50.00	450
	3.75	16,313
	3.75	14,156
	1.90	3,268
	1.90	6,745
	1.90	8,265
	1.95	8,346
	1.95	8,346
	1.95	4,875
	1.95	1,092
	1.95	7,361
	1.95	7,361
	25.00	3,750
	3.10	7,750
	8.00	4,600

	13.00	2,600
	9.00	16,200
	15.00	7,500
	4.00	22,760
	2.00	950
	2.75	18,040
	3.75	8,063
	3.75	938
	13.00	2,600
	26.00	1,170
	30.00	3,750
	7.00	56,105
	1.01	3,586
	1.01	566
	1.01	14,090
	1.01	6,863
	1.01	4,394
	1.01	3,813
	1.01	4,318
	5.00	8,250
	105.00	3,885
	4,000.00	4,000
	875.00	4,375
	30,000.00	30,000
	10,000.00	10,000
	5,000.00	5,000
	472.96	2,365
	95.00	34,200
	70.00	350
	80.00	400
	375.00	1,875
	260.00	520
	70.00	280
	155.00	1,085
	87,423.00	87,423

60,000.00	60,000.00	60,000
	55.00	1,430
	420.00	6,930
	420.00	3,780
	420.00	5,321
	220.00	3,520
	220.00	880
	30,000.00	30,000
	15.25	6,100
	35.00	14,000
	17.60	880
	500.00	25,000
	52.75	3,956
	45.00	3,375
	94.50	18,900
	36.55	23,758
	45.00	6,750
	400.00	4,800
	125.00	39,375
	41.80	10,450
	41.80	16,720
	41.80	16,720
	3.00	1,200
	3.00	1,200
	2.75	1,100
	17.00	136
	5,000.00	5,000
	1,000.00	2,000
	800.00	800
	800.00	2,400
	1,000.00	1,000
	700.00	2,100
	1,300.00	9,100
	1,300.00	7,800
	700.00	700
	5.00	91,500
	5.00	11,450
	9,000.00	9,000
	15,000.00	15,000
	500.00	2,000

	6,000.00	6,000
	10,000.00	10,000
	10,000.00	10,000
	15,000.00	15,000
	7.00	122,500
	20,500.00	20,500
	20,500.00	20,500
	10.00	115,000
	1,000.00	1,000
	5,700.00	5,700
	5,700.00	5,700
	1,700.00	1,700
	1,000.00	1,000
	110.00	2,860
	155.00	2,790
	7,500.00	7,500
	1,000.00	1,000
	17,000.00	17,000
	21,950.00	21,950
	2,500.00	12,500
	4,000.00	4,000
	25,000.00	25,000
	200.00	10,000
	200.00	3,400
	200.00	600
	200.00	6,400
	200.00	2,600
	200.00	1,200
	200.00	600
	200.00	400
	200.00	4,800
	500.00	3,500
	350.00	3,150
	350.00	3,150
	500.00	5,500
	350.00	4,200
	9,500.00	9,500
	200.00	1,200
	50.00	1,750
	60,000.00	60,000
	10,000.00	10,000
	1,125.00	5,625
	1,125.00	5,625
	1,125.00	6,750

	3,000.00	48,000
	280.00	16,520
	280.00	4,480
	210.00	630
	45.00	990
	45.00	315
	155.00	7,905
	210.00	420
	185.00	1,295
	200.00	3,600
	200.00	1,600
	210.00	420
	210.00	630
	310.00	2,170
	500.00	2,500
	500.00	1,000
	310.00	2,480
	310.00	310
	310.00	7,130
	460.00	9,200
	2,500.00	15,000
	1,800.00	1,800
	200.00	3,000
	200.00	1,800
	200.00	12,200
	1,800.00	27,000
	150.00	1,650
	350.00	5,250
	1,000.00	2,000
	350.00	1,400
	500.00	1,000
	250.00	250
	2,000.00	2,000
	2,000.00	2,000
	350.00	350
	750.00	750

Estimate Totals

Description	Amount
Labor	161,565
Material	1,323,980
Subcontract	3,336,622
Equipment	87,109
Other	20,800
	4,930,076
NY Sales Tax	30,536
	30,536
Permits	37,205
	37,205
Overhead	499,782
	499,782
Profit	274,880
	274,880
Contingency	246,504
	246,504
Bond	59,250
	59,250
Total	

Totals	Rate	Cost Basis
	ch	
	ch	
4,930,076	8.125 %	C
4,960,612	0.750 %	T
4,997,817	10.000 %	T
5,497,599	5.000 %	T
5,772,479	5.000 %	C
6,018,983		B
6,078,233		
6,078,233		

Cost per SF	% of Total
7.832 /sft	2.66%
64.177 /sft	21.78%
161.736 /sft	54.89%
4.222 /sft	1.43%
1.008 /sft	0.34%
238.976 /sft	81.11
1.480 /sft	0.50%
240.456 /sft	0.50
1.803 /sft	0.61%
242.260 /sft	0.61
24.226 /sft	8.22%
266.486 /sft	8.22
13.324 /sft	4.52%
279.810 /sft	4.52
11.949 /sft	4.06%
291.759 /sft	4.06
2.872 /sft	0.97%
294.631 /sft	0.97
294.631	/sft