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COSTCODE,C	DESCRIPT,C,50	QTY,N,1	UNIT	MANHOUR	MATERIAL,I
01410101120	Testing concrete,per test,average	1.0000	Ea	0.0000	0.0000
01410101200	Soil testing,per test,average	1.0000	Ea	0.0000	0.0000
01500102040	Trailers,office type,per month,average	1.0000	Ea	0.0000	0.0000
01525101040	Staging,rent,per month,LF of base,10'high	1.0000	Lf	0.0000	0.0000
01525101060	Staging,rent,per month,LF of base,20'high	1.0000	Lf	0.0000	0.0000
01600101020	Air compressor,60 cfm,rent,by day	1.0000	Ea	0.0000	0.0000
01600101030	Air compressor,60 cfm,rent,by week	1.0000	Ea	0.0000	0.0000
01600101040	Air compressor,60 cfm,rent,by month	1.0000	Ea	0.0000	0.0000
01600101120	Air compressor,300 cfm,rent,by day	1.0000	Ea	0.0000	0.0000
01600101130	Air compressor,300 cfm,rent,by week	1.0000	Ea	0.0000	0.0000
01600101140	Air compressor,300 cfm,rent,by month	1.0000	Ea	0.0000	0.0000
01600101410	Generators,5 kw,rent,by day	1.0000	Ea	0.0000	0.0000
01600101420	Generators,5 kw,rent,by week	1.0000	Ea	0.0000	0.0000
01600101430	Generators,5 kw,rent,by month	1.0000	Ea	0.0000	0.0000
01600101510	Heaters,salamander type,per week,minimum	1.0000	Ea	0.0000	0.0000
01600101520	Heaters,salamander type,per week,average	1.0000	Ea	0.0000	0.0000
01600101530	Heaters,salamander type,per week,maximum	1.0000	Ea	0.0000	0.0000
01600101610	Pumps,50 gpm,submerseable,by day	1.0000	Ea	0.0000	0.0000
01600101620	Pumps,50 gpm,submerseable,by week	1.0000	Ea	0.0000	0.0000
01600101630	Pumps,50 gpm,submerseable,by month	1.0000	Ea	0.0000	0.0000
01600101650	Pumps,100 gpm,submerseable,by day	1.0000	Ea	0.0000	0.0000
01600101660	Pumps,100 gpm,submerseable,by week	1.0000	Ea	0.0000	0.0000
01600101670	Pumps,100 gpm,submerseable,by month	1.0000	Ea	0.0000	0.0000
01600102020	Pickup truck,rent,by day	1.0000	Ea	0.0000	0.0000
01600102030	Pickup truck,rent,by week	1.0000	Ea	0.0000	0.0000
01600102040	Pickup truck,rent,by month	1.0000	Ea	0.0000	0.0000
01600102120	Dump truck,6 CY,rent,by day	1.0000	Ea	0.0000	0.0000
01600102130	Dump truck,6 CY,rent,by week	1.0000	Ea	0.0000	0.0000
01600102140	Dump truck,6 CY,rent,by month	1.0000	Ea	0.0000	0.0000
01600102310	Dump truck,16 CY,rent,by day	1.0000	Ea	0.0000	0.0000
01600102320	Dump truck,16 CY,rent,by week	1.0000	Ea	0.0000	0.0000
01600102340	Dump truck,16 CY,rent,by month	1.0000	Ea	0.0000	0.0000
01600102510	Backhoe,track mounted,1 CY,rent,by day	1.0000	Ea	0.0000	0.0000
01600102520	Backhoe,track mounted,1 CY,rent,by week	1.0000	Ea	0.0000	0.0000
01600102530	Backhoe,track mounted,1 CY,rent,by month	1.0000	Ea	0.0000	0.0000
01600102620	Backhoe,track mounted,3 CY,rent,by day	1.0000	Ea	0.0000	0.0000
01600102640	Backhoe,track mounted,3 CY,rent,by week	1.0000	Ea	0.0000	0.0000
01600102680	Backhoe,track mounted,3 CY,rent,by month	1.0000	Ea	0.0000	0.0000
01600103210	Bulldozer,75 hp,rent,by day	1.0000	Ea	0.0000	0.0000
01600103220	Bulldozer,75 hp,rent,by week	1.0000	Ea	0.0000	0.0000
01600103230	Bulldozer,75 hp,rent,by month	1.0000	Ea	0.0000	0.0000
01600103300	Bulldozer,200 hp,rent,by day	1.0000	Ea	0.0000	0.0000
01600103310	Bulldozer,200 hp,rent,by week	1.0000	Ea	0.0000	0.0000
01600103320	Bulldozer,200 hp,rent,by month	1.0000	Ea	0.0000	0.0000
01600104010	Crane,crawler type,15 ton,by day	1.0000	Ea	0.0000	0.0000
01600104020	Crane,crawler type,15 ton,by week	1.0000	Ea	0.0000	0.0000
01600104030	Crane,crawler type,15 ton,by month	1.0000	Ea	0.0000	0.0000
01600104080	Crane,crawler type,50 ton,by day	1.0000	Ea	0.0000	0.0000

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01600104090	Crane,crawler type,50 ton,by week	1.0000 Ea	0.0000	0.0000
01600104100	Crane,crawler type,50 ton,by month	1.0000 Ea	0.0000	0.0000
01600104160	Crane,truck mounted,15 ton,rent,by day	1.0000 Ea	0.0000	0.0000
01600104170	Crane,truck mounted,15 ton,rent,by week	1.0000 Ea	0.0000	0.0000
01600104180	Crane,truck mounted,15 ton,rent,by month	1.0000 Ea	0.0000	0.0000
01600105390	Loader,rubber tired,1 Cy,rent,by day	1.0000 Ea	0.0000	0.0000
01600105400	Loader,rubber tired,1 Cy,rent,by week	1.0000 Ea	0.0000	0.0000
01600105410	Loader,rubber tired,1 Cy,rent,by month	1.0000 Ea	0.0000	0.0000
01600105440	Loader,rubber tired,2 Cy,rent,by day	1.0000 Ea	0.0000	0.0000
01600105450	Loader,rubber tired,2 Cy,rent,by week	1.0000 Ea	0.0000	0.0000
01600105460	Loader,rubber tired,2 Cy,rent,by month	1.0000 Ea	0.0000	0.0000
02060100200	Building demo,incl disposal,wood	1.0000 Cf	0.0030	0.0000
02060100300	Building demo,incl disposal,concrete	1.0000 Cf	0.0040	0.0000
02060100400	Building demo,incl disposal,steel frame	1.0000 Cf	0.0050	0.0000
02060101240	Demolition,brick partition,8" thick	1.0000 Sf	0.0500	0.0000
02060101720	Partition removal,metal or wood,drywall 2 sides	1.0000 Sf	0.0400	0.0000
02060102040	Door removal,metal,2'-6"x 6'-8"	1.0000 Ea	1.0000	0.0000
02060102160	Door removal,wood,2'-6"x 6'8"	1.0000 Ea	0.5710	0.0000
02060102180	Door removal,wood,3'-0"x 6'8"	1.0000 Ea	0.6670	0.0000
02060102200	Door removal,wood,double,5'-0"x 6'-8"	1.0000 Ea	0.8000	0.0000
02060102220	Door removal,wood,double,6'-0"x 6'-8"	1.0000 Ea	0.8890	0.0000
02060102420	Floor removal,wood,residential	1.0000 Sf	0.0230	0.0000
02060102440	Floor removal,resilient tile or linoleum	1.0000 Sf	0.0080	0.0000
02060102540	Acoustic tile removal,adhesive fastened	1.0000 Sf	0.0080	0.0000
02060102640	Ceiling removal,drywall	1.0000 Sf	0.0080	0.0000
02060102680	Ceiling removal,plaster on furring	1.0000 Sf	0.0200	0.0000
02060102920	Roofing removal,built-up	1.0000 Sf	0.0250	0.0000
02060102940	Roofing removal,shingles	1.0000 Sf	0.0130	0.0000
02060109302	Window removal,incl trim,metal,2'x 3'	1.0000 Ea	0.8000	0.0000
02060109308	Window removal,incl trim,metal,3'x 4'	1.0000 Ea	1.0000	0.0000
02060109318	Window removal,incl trim,wood,2'x 3'	1.0000 Ea	0.8000	0.0000
02060109321	Window removal,incl trim,wood,3'x 4'	1.0000 Ea	0.5330	0.0000
02065150110	Saw cutting paving,bituminous,2" thick	1.0000 Lf	0.0160	0.0000
02065150210	Saw cutting paving,conc w/mesh,4" thick	1.0000 Lf	0.0310	0.0000
02080121060	Remove duct insulation,8"x 12" duct	1.0000 Lf	0.0570	0.0000
02080151000	Remove pipe insul,2" asbestos,pipe 1" to 3"	1.0000 Lf	0.0670	0.0000
02080151020	Remove pipe insul,2" asbestos,pipe 4" to 6"	1.0000 Lf	0.0760	0.0000
02080151040	Remove pipe insul,3" asbestos,pipe 7" to 8"	1.0000 Lf	0.0800	0.0000
02080151090	Remove pipe insul,3" asbestos,pipe 16" to 18"	1.0000 Lf	0.1000	0.0000
02105200100	Removal of chain link fence,8' high	1.0000 Lf	0.0400	0.0000
02105201020	Removal of wood fence,6' high	1.0000 Ea	0.0320	0.0000
02105202020	Removal of masonry fence,8" thick,6' high	1.0000 Ea	0.1000	0.0000
02105451000	Remove sewer pipe,no excav incl,4" D	1.0000 Lf	0.0960	0.0000
02105451040	Remove sewer pipe,no excav incl,8" D	1.0000 Lf	0.1200	0.0000
02105481040	Remove water pipe,no excav incl,8" D	1.0000 Lf	0.1330	0.0000
02105602060	Remove UG storage tank,w/excav,1000 gal	1.0000 Ea	6.0000	0.0000
02105661000	Remove septic tank,1000 gals	1.0000 Ea	2.0000	0.0000
02105801200	Remove wall,conc,medium reinf,6" thick	1.0000 Sf	0.1850	0.0000
02105801220	Remove wall,conc,medium reinf,8" thick	1.0000 Sf	0.2000	0.0000

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02105802000	Remove wall,masonry,8" thick,no reinf	1.0000 Sf	0.0690	0.0000
02110505000	Remove wall,masonry,12" thick,no reinf	1.0000 Sf	0.0000	0.0000
02210100100	Haul material,10 cy truck,1 mile round trip	1.0000 Cy	0.0400	0.0000
02210100120	Haul material,10 cy truck,5 mile round trip	1.0000 Cy	0.0670	0.0000
02210102000	Cut & fill,sandy clay,200' haul,75 hp dozer	1.0000 Cy	0.0320	0.0000
02210106000	Spread topsoil by equipment on site	1.0000 Cy	0.0360	0.0000
02210107000	Grading,6" lifts,under 1 acre,75 hp dozer	1.0000 Cy	0.0530	0.0000
02210107600	Grading,6" lifts,under 1 acre,1.5 cy backhoe	1.0000 Cy	0.0800	0.0000
02210301760	Hydraulic excavator,avg material,1 CY capacity	1.0000 Cy	0.0480	0.0000
02210302060	Tire loader,avg material,7/8 CY capacity	1.0000 Cy	0.0230	0.0000
02210302660	Track loader,avg material,1-1/2 CY capacity	1.0000 Cy	0.0150	0.0000
02220400100	Structural excav,avg material,3/8 CY,backhoe	1.0000 Cy	0.1070	0.0000
02220400120	Structural excav,avg material,1 CY,backhoe	1.0000 Cy	0.0670	0.0000
02220400600	Foundation backfill & compaction by machine	1.0000 Cy	0.1600	0.0000
02220601040	Trenching,avg soil,gradall,1 CY capacity	1.0000 Cy	0.0250	0.0000
02220603120	Hand excavation,wheeled 100',normal soil	1.0000 Cy	0.8890	0.0000
02220603440	Hand excavation,wheeled 100',sand or gravel	1.0000 Cy	1.0000	0.0000
02220603620	Backfill trench,w/compaction,by hand	1.0000 Cy	0.6670	0.0000
02220603640	Backfill trench,w/compaction,by small dozer	1.0000 Cy	0.0200	0.0000
02220901020	Hand excavation,avg soil,2' deep	1.0000 Cy	0.8890	0.0000
02220901220	Hand excavation,avg soil,6' deep	1.0000 Cy	1.1430	0.0000
02220905460	Hand excavation,around obstructions	1.0000 Cy	2.6670	0.0000
02270400120	Rip-rap,300 lb stones	1.0000 Ton	0.4920	22.0000
02270400130	Rip-rap,400 lb stones	1.0000 Ton	0.4570	22.0000
02270400150	Rip-rap,700 lb stones	1.0000 Ton	0.4000	22.0000
02280201100	Soil treatment,termite control,under slabs	1.0000 Sf	0.0040	0.0700
02280201140	Soil treatment,termite control,by walls	1.0000 Sf	0.0050	0.0700
02510200100	Asphalt surface,1" thick	1.0000 Sy	0.0160	1.6500
02510200120	Asphalt surface,1-1/2" thick	1.0000 Sy	0.0190	2.5000
02510202020	Bituminous,sidewalk,no base,2" thick	1.0000 Sy	0.0280	3.6000
02520102000	Paving,concrete,5000 psi,6" thick	1.0000 Sy	0.1500	14.4500
02545106020	Asphalt repair,rubberized asphalt	1.0000 Sy	0.0730	0.8800
02800100100	Barbed wire fence,with wood post,4' high	1.0000 Lf	0.0400	16.5000
02800102010	Wood gate,double,4'x 8'	1.0000 Ea	4.0000	49.5000
02810400500	Lawn irrigation,residential,complete,min	1.0000 Acr	0.0000	0.0000
02810400520	Lawn irrigation,residential,complete,max	1.0000 Acr	0.0000	0.0000
02830100250	Chain link fence,9 gauge,4' high	1.0000 Lf	0.0570	3.8500
02830100270	Chain link fence,9 gauge,6' high	1.0000 Lf	0.1000	5.8000
02830108020	Chain link gate,swing,single,3' wide	1.0000 Ea	2.0000	116.0000
02830108025	Chain link gate,swing,single,4' wide	1.0000 Ea	2.0000	126.0000
02830108030	Chain link gate,swing,double,10' wide	1.0000 Ea	3.2000	297.0000
03110051040	Job built,beam bottom forms,1 use	1.0000 Sf	0.1330	2.6500
03110051120	Job built,beam bottom forms,5 uses	1.0000 Sf	0.1140	0.8600
03110052020	Job built,beam side forms,1 use	1.0000 Sf	0.0890	1.8500
03110052100	Job built,beam side forms,5 uses	1.0000 Sf	0.0730	0.7500
03110151040	Job built,column forms,8" x 8",1 use	1.0000 Sf	0.1600	2.2000
03110151120	Job built,column forms,8"x 8",5 uses	1.0000 Sf	0.1380	0.7700
03110151220	Job built,column forms,12"x 12",1 use	1.0000 Sf	0.1450	2.1000
03110151290	Job built,column forms,12"x 12",5 uses	1.0000 Sf	0.1270	0.6600

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03110181000	Job built curb forms,6" high,1 use	1.0000 Lf	0.0800	1.3000
03110181080	Job built curb forms,6" high,5 uses	1.0000 Lf	0.0670	0.4000
03110201020	Job built,slab forms,drop panel,1 use	1.0000 Sf	0.0640	2.0500
03110201100	Job built,slab forms,drop panel,5 uses	1.0000 Sf	0.0550	0.7400
03110251020	Job built,equipment pad forms,1 use	1.0000 Sf	0.1000	2.1000
03110251060	Job built,equipment pad forms,3 uses	1.0000 Sf	0.0890	0.9900
03110352040	Job built,wall footing forms,continuous,1 use	1.0000 Sf	0.0800	0.8000
03110352090	Job built,wall footing forms,continuous,5 uses	1.0000 Sf	0.0670	0.3000
03110353020	Job built,spread column footings forms,1 use	1.0000 Sf	0.1000	0.9600
03110353100	Job built,spread column footings forms,5 uses	1.0000 Sf	0.0800	0.3000
03110501020	Job built,grade beam forms,1 use	1.0000 Sf	0.0800	1.6500
03110501100	Job built,grade beam forms,5 uses	1.0000 Sf	0.0670	0.5000
03110553020	Job built,mat foundation forms,1 use	1.0000 Sf	0.1000	1.5500
03110553100	Job built,mat foundation forms,5 uses	1.0000 Sf	0.0800	0.4400
03110601020	Job built,stairway forms,1 use	1.0000 Sf	0.1600	2.7500
03110601060	Job built,stairway forms,5 uses	1.0000 Sf	0.1140	0.9400
03110653120	Job built,ext wall forms,8' high,1 use	1.0000 Sf	0.0800	1.7500
03110653190	Job built,ext wall forms,8' high,5 uses	1.0000 Sf	0.0670	0.6300
03110902040	Chamfer strips,wood,1/2" wide	1.0000 Lf	0.0180	0.1100
03110902060	Chamfer strips,wood,3/4" wide	1.0000 Lf	0.0180	0.1700
03110902070	Chamfer strips,wood,1" wide	1.0000 Lf	0.0180	0.2000
03210051000	Reinforcing,beams-girders,#3-#4	1.0000 Ton	20.0000	638.0000
03210051010	Reinforcing,beams-girders,#5-#6	1.0000 Ton	16.0000	578.0000
03210051020	Reinforcing,galvanized,beams-girders,#3-#4	1.0000 Ton	20.0000	1130.0000
03210051030	Reinforcing,galvanized,beams-girders,#5-#6	1.0000 Ton	16.0000	1070.0000
03210051040	Reinforcing,bond beams,#3-#4	1.0000 Ton	26.6670	638.0000
03210151000	Reinforcing,columns,#3-#4	1.0000 Ton	22.8570	638.0000
03210151010	Reinforcing,columns,#5-#6	1.0000 Ton	17.7780	578.0000
03210151200	Reinforcing,galvanized,columns,#3-#4	1.0000 Ton	22.8570	1130.0000
03210151300	Reinforcing,galvanized,columns,#5-#6	1.0000 Ton	17.7780	1070.0000
03210201000	Reinforcing,elevated slab,#3-#4	1.0000 Ton	10.0000	638.0000
03210201020	Reinforcing,elevated slab,#5-#6	1.0000 Ton	8.8890	578.0000
03210202000	Reinforcing,galvanized,elevated slab,#3-#4	1.0000 Ton	10.0000	1130.0000
03210202020	Reinforcing,galvanized,elevated slab,#5-#6	1.0000 Ton	8.8890	1070.0000
03210251000	Reinforcing,equipment pad,#3-#4	1.0000 Ton	16.0000	638.0000
03210251040	Reinforcing,equipment pad,#5-#6	1.0000 Ton	13.3330	550.0000
03210351020	Reinforcing,grade 50,footings,#5-#6	1.0000 Ton	13.3330	638.0000
03210451000	Reinforcing,foundations,#3-#4	1.0000 Ton	13.3330	638.0000
03210451020	Reinforcing,foundations,#5-#6	1.0000 Ton	11.4290	578.0000
03210451400	Reinforcing,galvanized,foundations,#3-#4	1.0000 Ton	13.3330	1130.0000
03210451410	Reinforcing,galvanized,foundations,#5-#6	1.0000 Ton	11.4290	1070.0000
03210501000	Reinforcing,grade beams,#3-#4	1.0000 Ton	12.3080	638.0000
03210501020	Reinforcing,grade beams,#5-#6	1.0000 Ton	10.6670	578.0000
03210501100	Reinforcing,galvanized,#3-#4	1.0000 Ton	12.3080	1130.0000
03210501120	Reinforcing,galvanized,#5-#6	1.0000 Ton	10.6670	1070.0000
03210551000	Reinforcing,slab,bars,#3-#4	1.0000 Ton	13.3330	638.0000
03210551020	Reinforcing,slab,bars,#5-#6	1.0000 Ton	11.4290	578.0000
03210551040	Reinforcing,slab,bars,#7-#8	1.0000 Ton	10.0000	550.0000
03210552000	Reinforcing,slab,galvanized bars,#3-#4	1.0000 Ton	13.3330	1130.0000

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03210552020	Reinforcing,slab,galvanized bars,#5-#6	1.0000 Ton	11.4290	1070.0000
03210555020	Reinforcing,slab,galv mesh,4x4,w1.4xw1.4	1.0000 Sf	0.0050	0.2200
03210555080	Reinforcing,slab,galv mesh,4x4,w4.0xw4.0	1.0000 Sf	0.0070	0.5700
03210555100	Reinforcing,slab,galv mesh,6x6,w1.4xw1.4	1.0000 Sf	0.0040	0.1500
03210555160	Reinforcing,slab,galv mesh,6x6,w4.0xw4.0	1.0000 Sf	0.0050	0.4200
03210555180	Reinforcing,slab,mesh,2x2,w0.9x2.9	1.0000 Sf	0.0050	0.1800
03210555600	Reinforcing,slab,mesh,6x6,w1.4xw1.4	1.0000 Sf	0.0040	0.0800
03210556020	Reinforcing,slab,mesh,6x6,w4.0xw4.0	1.0000 Sf	0.0050	0.2200
03210651000	Reinforcing,wall,#3-#4	1.0000 Ton	11.4290	638.0000
03210651020	Reinforcing,wall,#5-#6	1.0000 Ton	10.0000	578.0000
03210652000	Reinforcing,wall,galvanized,#3-#4	1.0000 Ton	11.4290	1130.0000
03210652020	Reinforcing,wall,galvanized,#5-#6	1.0000 Ton	10.0000	1070.0000
03300101020	Concrete water reducing admixture	1.0000 Gal	0.0000	0.0000
03300101040	Concrete set retarder	1.0000 Gal	0.0000	0.0000
03350101000	Concrete finish,broom	1.0000 Sf	0.0110	0.0000
03350101060	Concrete finish,float	1.0000 Sf	0.0130	0.0000
03380051000	Place concrete,beams,2500#,by crane	1.0000 Cy	0.9600	56.5000
03380051010	Place concrete,beams,2500#,by pump	1.0000 Cy	0.8730	56.5000
03380051020	Place concrete,beams,2500#,by buggy	1.0000 Cy	0.8000	56.5000
03380151000	Place concrete,columns,2500#,by crane	1.0000 Cy	0.8730	56.5000
03380151010	Place concrete,columns,2500#,by pump	1.0000 Cy	0.8000	56.5000
03380251000	Place concrete,pads,2500#,by chute	1.0000 Cy	0.2670	56.5000
03380251020	Place concrete,pads,2500#,by pump	1.0000 Cy	0.6860	56.5000
03380251040	Place concrete,pads,2500#,by crane	1.0000 Cy	0.8000	56.5000
03380351000	Place concrete,footing,2500#,by chute	1.0000 Cy	0.2670	56.5000
03380351010	Place concrete,footing,2500#,by pump	1.0000 Cy	0.6000	56.5000
03380351020	Place concrete,footing,2500#,by crane	1.0000 Cy	0.6860	56.5000
03380355020	Place concrete,spread footing,2500#,by chute	1.0000 Cy	0.2670	56.5000
03380355040	Place concrete,spread footing,2500#,by pump	1.0000 Cy	0.6400	56.5000
03380355060	Place concrete,spread footing,2500#,by crane	1.0000 Cy	0.7380	56.5000
03380501000	Place concrete,grade beam,2500#,by chute	1.0000 Cy	0.2670	56.5000
03380501020	Place concrete,grade beam,2500#,by crane	1.0000 Cy	0.6860	56.5000
03380501040	Place concrete,grade beam,2500#,by pump	1.0000 Cy	0.6000	56.5000
03380501060	Place concrete,grade beam,2500#,by buggy	1.0000 Cy	0.8000	56.5000
03380551000	Place concrete,slab/mat,2500#,by chute	1.0000 Cy	0.2000	56.5000
03380551010	Place concrete,slab/mat,2500#,by crane	1.0000 Cy	0.4000	56.5000
03380551020	Place concrete,slab/mat,2500#,by pump	1.0000 Cy	0.3430	56.5000
03380551030	Place concrete,slab/mat,2500#,by buggy	1.0000 Cy	0.5330	56.5000
03380586010	Walks,wire mesh,no base,4" thick	1.0000 Sf	0.0270	0.7800
03380586020	Walks,wire mesh,no base,5" thick	1.0000 Sf	0.0320	1.0500
03380586030	Walks,wire mesh,no base,6" thick	1.0000 Sf	0.0400	1.2500
03380601000	Place concrete,stairs,2500#,by chute	1.0000 Cy	0.2670	56.5000
03380601020	Place concrete,stairs,2500#,by crane	1.0000 Cy	0.8000	56.5000
03380601030	Place concrete,stairs,2500#,by pump	1.0000 Cy	0.6860	56.5000
03380601040	Place concrete,stairs,2500#,by buggy	1.0000 Cy	0.8000	56.5000
03380651000	Place concrete,walls,2500#,by chute	1.0000 Cy	0.2290	56.5000
03380651005	Place concrete,walls,2500#,by crane	1.0000 Cy	0.8000	56.5000
03380651010	Place concrete,walls,2500#,by pump	1.0000 Cy	0.7380	56.5000
03380658500	Concrete,filled wall,2500#,by pump,4" wide	1.0000 Sf	0.0340	0.2100

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03380658510	Concrete, filled wall, 2500#, by pump, 6" wide	1.0000 Sf	0.0400	0.4700
03380658520	Concrete, filled wall, 2500#, by pump, 8" wide	1.0000 Sf	0.0480	0.7400
04100103000	Grouting concrete block, 4"	1.0000 Sf	0.0200	0.2600
04100103020	Grouting concrete block, 6"	1.0000 Sf	0.0220	0.5600
04100103040	Grouting concrete block, 8"	1.0000 Sf	0.0240	1.0500
04150102010	Rectangular wall ties, galv, 3/16" D, 2"x 6"	1.0000 Ea	0.0130	0.1300
04150102020	Rectangular wall ties, galv, 3/16" D, 2"x 8"	1.0000 Ea	0.0130	0.1400
04150102220	Wall tie, Z type, 6" long, 1/8" D	1.0000 Ea	0.0130	0.1300
04150102250	Wall tie, Z type, 8" long, 1/8" D	1.0000 Ea	0.0130	0.1400
04150103020	Dovetail anchor slot, galv, filled, 24 ga	1.0000 Lf	0.0200	0.3600
04150103440	Brick anchor, corrugated, 3-1/2" long, 16 ga	1.0000 Ea	0.0130	0.1200
04150103620	Cavity wall anchors, corr, galv, 5" long, 16 ga	1.0000 Ea	0.0130	0.3100
04210101020	Standard brick, red (6.4/sf), veneer	1.0000 Sf	0.1330	1.8000
04210101040	Standard brick, red (6.4/sf), 9" wall	1.0000 Sf	0.2290	3.9500
04210101210	Common brick (6.4/sf), veneer	1.0000 Sf	0.1330	2.0000
04210101310	Glazed brick (7.4/sf), veneer	1.0000 Sf	0.1450	6.8500
04210101410	Buff brick (6.4/sf), veneer	1.0000 Sf	0.1330	1.8000
04210101620	Norman brick, red (4.5/sf), veneer	1.0000 Sf	0.1000	2.9500
04210604020	Brick walk, laid flat (4.5/sf)	1.0000 Sf	0.0890	1.1000
04210604040	Brick walk, laid on edge (7.2/sf)	1.0000 Sf	0.1330	1.6500
04210605010	Precast conc patio blocks, 2" thick, natural	1.0000 Sf	0.0270	0.8300
04210605020	Precast conc patio blocks, 2" thick, colors	1.0000 Sf	0.0270	1.0500
04210606010	Pavers, bluestone, 1" thick, irregular	1.0000 Sf	0.2000	1.5500
04210606020	Pavers, bluestone, 1" thick, snapped rectangular	1.0000 Sf	0.1600	2.7000
04210606110	Pavers, slate, irregular, 3/4" thick	1.0000 Sf	0.2290	1.4500
04210606130	Pavers, slate, irregular, 1/2" thick	1.0000 Sf	0.2220	4.3000
04210607020	Pavers, granite, 3" thick, 3-6" wide, 4-12" long	1.0000 Sf	0.2670	3.1000
04210608030	Crushed stone, white marble, 3" thick	1.0000 Sf	0.0160	0.5500
04220100120	CMU, lightweight block, hollow, load bearing, 4"	1.0000 Sf	0.0590	1.0500
04220100140	CMU, lightweight block, hollow, load bearing, 6"	1.0000 Sf	0.0620	1.4500
04220100160	CMU, lightweight block, hollow, load bearing, 8"	1.0000 Sf	0.0670	1.8500
04220100300	CMU, lightweight block, hollow, load bearing, 4"	1.0000 Sf	0.0590	1.5500
04220100320	CMU, lightweight block, hollow, load bearing, 6"	1.0000 Sf	0.0620	1.8500
04220100340	CMU, lightweight block, hollow, load bearing, 8"	1.0000 Sf	0.0670	2.1000
04220100500	CMU, back-up block, sand aggregate, 2" thick	1.0000 Sf	0.0460	0.7600
04220100540	CMU, back-up block, sand aggregate, 4" thick	1.0000 Sf	0.0470	1.1000
04220100560	CMU, back-up block, sand aggregate, 6" thick	1.0000 Sf	0.0500	1.3500
04240101020	Clay tile, 12x12, back-up, load bearing, 4" thick	1.0000 Sf	0.0570	2.2000
04240101040	Clay tile, 12x12, back-up, load bearing, 6" thick	1.0000 Sf	0.0590	2.6500
04240102040	Clay tile, 12x12, back-up, non load bearing, 4" thick	1.0000 Sf	0.0570	2.0000
04240102060	Clay tile, 12x12, back-up, non load bearing, 6" thick	1.0000 Sf	0.0590	2.4000
04270101040	Glass block, 6 x 6, 4" thick	1.0000 Sf	0.2670	24.2000
04400100200	Stone wall, rubble, in mortar, 8" thick	1.0000 Sf	0.2000	8.2500
04400100220	Stone wall, rubble, in mortar, 12" thick	1.0000 Sf	0.3200	9.9000
04400100440	Stone wall, rubble, in mortar, 24" thick	1.0000 Sf	0.5330	16.5000
04400100450	Stone wall, rubble, dry set, 8" thick	1.0000 Sf	0.1330	9.3500
04400100455	Stone wall, rubble, dry set, 12" thick	1.0000 Sf	0.2000	10.4500
04400100520	Marble, imported, facing panels, 3/4" thick	1.0000 Sf	0.3200	22.0000
04400100530	Marble, imported, facing panels, 1-1/2" thick	1.0000 Sf	0.3640	33.0000

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04400100800	Marble flooring,travertine,12 x 12,1/2" thick	1.0000 Sf	0.1600	9.3500
04400101040	Marble,domestic,facing panels,7/8" thick	1.0000 Sf	0.3200	19.8000
04400101060	Marble,domestic,facing panels,1-1/2" thick	1.0000 Sf	0.3640	29.7000
04400102010	Marble,domestic,facing panels,1" thick	1.0000 Sf	0.3200	10.4500
04400102020	Marble,domestic,facing panels,2" thick	1.0000 Sf	0.3640	17.3500
04550101040	Flue liner,rectangular,8"x 12"	1.0000 Lf	0.1330	4.0500
04550101060	Flue liner,rectangular,12"x 12"	1.0000 Lf	0.1450	5.5000
05050100120	Welding,single pass,1/8"	1.0000 Lf	0.0400	0.3400
05050100140	Welding,single pass,3/16"	1.0000 Lf	0.0530	0.6800
05050100160	Welding,single pass,1/4"	1.0000 Lf	0.0670	0.9100
05050901040	Anchor bolts,3/8" D,8" long	1.0000 Ea	0.0000	0.0000
05050901060	Anchor bolts,3/8" D,10" long	1.0000 Ea	0.0000	0.0000
05050901080	Anchor bolts,3/8" D,12" long	1.0000 Ea	0.0000	0.0000
05050901100	Anchor bolts,1/2" D,8" long	1.0000 Ea	0.0000	0.0000
05050901120	Anchor bolts,1/2" D,10" long	1.0000 Ea	0.0000	0.0000
05050901140	Anchor bolts,1/2" D,12" long	1.0000 Ea	0.0000	0.0000
05050901280	Anchor bolts,3/4" D,8" long	1.0000 Ea	0.0000	0.0000
05050901300	Anchor bolts,3/4" D,12" long	1.0000 Ea	0.0000	0.0000
05050901320	Anchor bolts,3/4" D,18" long	1.0000 Ea	0.0000	0.0000
05050901440	Anchor bolts,1" D,12" long	1.0000 Ea	0.0000	0.0000
05050901460	Anchor bolts,1" D,18" long	1.0000 Ea	0.0000	0.0000
05050901480	Anchor bolts,1" D,24" long	1.0000 Ea	0.0000	0.0000
05050904000	Expansion shield,1/4"	1.0000 Ea	0.0000	0.0000
05050904020	Expansion shield,3/8"	1.0000 Ea	0.0000	0.0000
05050904500	Non-drilling anchor,1/4"	1.0000 Ea	0.0000	0.0000
05050904540	Non-drilling anchor,3/8"	1.0000 Ea	0.0000	0.0000
05050904560	Non-drilling anchor,1/2"	1.0000 Ea	0.0000	0.0000
05050907020	Self drilling anchor,1/4"	1.0000 Ea	0.0000	0.0000
05050907060	Self drilling anchor,3/8"	1.0000 Ea	0.0000	0.0000
05050907080	Self drilling anchor,1/2"	1.0000 Ea	0.0000	0.0000
05410100120	Furring channel,beams & cols,galv,3/4",12" oc	1.0000 Sf	0.0800	0.3300
05410100140	Furring channel,beams & cols,galv,3/4",16" oc	1.0000 Sf	0.0730	0.2800
05410100160	Furring channel,walls,galv,3/4",12" oc	1.0000 Sf	0.0400	0.3300
05410100170	Furring channel,walls,galv,3/4",16" oc	1.0000 Sf	0.0330	0.2800
05410100172	Furring channel,walls,galv,3/4",24" oc	1.0000 Sf	0.0270	0.2200
05410100180	Metal stud,load bearing,16 ga,16" oc,2-1/2"	1.0000 Sf	0.0360	0.9200
05410100190	Metal stud,load bearing,16 ga,16" oc,3-5/8"	1.0000 Sf	0.0360	1.1000
05410100200	Metal stud,load bearing,16 ga,16" oc,4"	1.0000 Sf	0.0360	1.1500
05410100500	Metal stud,load bearing,16 ga,24" oc,2-1/2"	1.0000 Sf	0.0310	0.5500
05410100510	Metal stud,load bearing,16 ga,24" oc,3-5/8"	1.0000 Sf	0.0310	0.6400
05410100520	Metal stud,load bearing,16 ga,24" oc,4"	1.0000 Sf	0.0310	0.7500
05410100530	Metal stud,load bearing,16 ga,24" oc,6"	1.0000 Sf	0.0330	0.8900
05520100100	Railing,pipe,1-1/4" D,welded,2 rail,primed	1.0000 Lf	0.1600	14.8500
05520100120	Railing,pipe,1-1/4" D,welded,2 rail,galv	1.0000 Lf	0.1600	17.8500
05520100140	Railing,pipe,1-1/4" D,welded,3 rail,primed	1.0000 Lf	0.2000	19.5000
05520100160	Railing,pipe,1-1/4" D,welded,3 rail,galv	1.0000 Lf	0.2000	23.5500
05520100220	Railing,pipe,1-1/2" D,welded,2 rail,primed	1.0000 Lf	0.1600	18.1000
05520100240	Railing,pipe,1-1/2" D,welded,2 rail,galv	1.0000 Lf	0.1600	21.7000
05520100250	Railing,pipe,1-1/2" D,welded,3 rail,primed	1.0000 Lf	0.2000	23.7500

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05520100260	Railing,pipe,1-1/2" D,welded,3 rail,galv	1.0000 Lf	0.2000	28.5000
05530100100	Metal grating,rectangular,1-1/4"x 3/16",primed	1.0000 Sf	0.0270	5.3000
05530100120	Metal grating,rectangular,1-1/4"x 3/16",galv	1.0000 Sf	0.0270	6.9500
05530100140	Metal grating,rectangular,1-1/2"x 3/16",primed	1.0000 Sf	0.0270	6.2500
05530100160	Metal grating,rectangular,1-1/2"x 3/16",galv	1.0000 Sf	0.0270	8.1500
05700101040	Rail,ornamental,6" oc w/top rail,steel	1.0000 Lf	0.4000	31.2000
05700101060	Rail,ornamental,6" oc w/top rail,aluminum	1.0000 Lf	0.4000	48.5000
05700101080	Rail,ornamental,6" oc w/top rail,bronze	1.0000 Lf	0.5330	89.0000
05700101100	Rail,ornamental,6" oc w/top rail,stainless	1.0000 Lf	0.5330	74.0000
06050100100	Column base,cast aluminum,4"x 4"	1.0000 Ea	0.2000	1.6500
06050100120	Column base,cast aluminum,6"x 6"	1.0000 Ea	0.2000	3.7500
06050101040	Bolt,threaded,incl nuts,1/2" D,4" long	1.0000 Ea	0.0500	0.7500
06050101060	Bolt,threaded,incl nuts,1/2" D,7-1/2" long	1.0000 Ea	0.0500	0.9200
06050101212	Bolt,carriage,1/8"x 4"	1.0000 Ea	0.0800	0.8700
06050101214	Bolt,carriage,1/4"x 6"	1.0000 Ea	0.0840	0.9200
06050101260	Joist hanger,18 ga,2 x 4	1.0000 Ea	0.0800	0.4100
06050101280	Joist hanger,18 ga,2 x 6	1.0000 Ea	0.0800	0.4600
06050101290	Joist hanger,16 ga,3 x 6	1.0000 Ea	0.0890	0.7800
06050101292	Joist hanger,16 ga,3 x 8	1.0000 Ea	0.0890	1.3000
06050101720	Sill anchor,embedded in concrete	1.0000 Ea	0.0800	5.3000
06050101920	Strap ties,14 ga,1-3/8" wide,12" long	1.0000 Ea	0.0670	0.2300
06110301020	Floor joist,12" oc,2 x 6	1.0000 Sf	0.0160	0.5000
06110301030	Floor joist,12" oc,2 x 8	1.0000 Sf	0.0160	0.6900
06110301040	Floor joist,12" oc,2 x 10	1.0000 Sf	0.0170	1.0000
06110301070	Floor joist,12" oc,3 x 6	1.0000 Sf	0.0170	1.2000
06110301080	Floor joist,12" oc,3 x 8	1.0000 Sf	0.0170	1.5500
06110301090	Floor joist,12" oc,3 x 10	1.0000 Sf	0.0180	1.9500
06110301190	Floor joist,16" oc,2 x 6	1.0000 Sf	0.0130	0.4200
06110301200	Floor joist,16" oc,2 x 8	1.0000 Sf	0.0140	0.5800
06110301220	Floor joist,16" oc,2 x 10	1.0000 Sf	0.0140	0.8500
06110301250	Floor joist,16" oc,3 x 6	1.0000 Sf	0.0140	0.9900
06110301260	Floor joist,16" oc,3 x 8	1.0000 Sf	0.0140	1.3000
06110302010	Sister joist,floor,2 x 4	1.0000 Lf	0.0500	0.2800
06110302020	Sister joist,floor,2 x 6	1.0000 Lf	0.0570	0.3800
06110302030	Sister joist,floor,2 x 8	1.0000 Lf	0.0670	0.5800
06110401110	Furring walls,on masonry,1 x 2,12" oc	1.0000 Sf	0.0250	0.1400
06110401120	Furring walls,on masonry,1 x 2,16" oc	1.0000 Sf	0.0230	0.1200
06110401130	Furring walls,on masonry,1 x 2,24" oc	1.0000 Sf	0.0210	0.0900
06110401170	Furring walls,on wood,1 x 2,12" oc	1.0000 Sf	0.0180	0.1400
06110401180	Furring walls,on wood,1 x 2,16" oc	1.0000 Sf	0.0160	0.1200
06110401190	Furring walls,on wood,1 x 2,24" oc	1.0000 Sf	0.0150	0.0900
06110401230	Furring ceilings,on masonry,1 x 2,12" oc	1.0000 Sf	0.0440	0.1400
06110401240	Furring ceilings,on masonry,1 x 2,16" oc	1.0000 Sf	0.0400	0.1200
06110401250	Furring ceilings,on masonry,1 x 2,24" oc	1.0000 Sf	0.0360	0.0900
06110401290	Furring ceilings,on wood,1 x 2,12" oc	1.0000 Sf	0.0300	0.1400
06110401300	Furring ceilings,on wood,1 x 2,16" oc	1.0000 Sf	0.0270	0.1200
06110401310	Furring ceilings,on wood,1 x 2,24" oc	1.0000 Sf	0.0240	0.0900
06110501020	Framing rafters,12" oc,2 x 4	1.0000 Sf	0.0170	0.3300
06110501030	Framing rafters,12" oc,2 x 6	1.0000 Sf	0.0170	0.5000

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06110501080	Framing rafters,16" oc,2 x 6	1.0000 Sf	0.0140	0.4200
06110501090	Framing rafters,16" oc,2 x 8	1.0000 Sf	0.0150	0.5800
06110501130	Framing rafters,24" oc,2 x 6	1.0000 Sf	0.0120	0.3300
06110501140	Framing rafters,24" oc,2 x 8	1.0000 Sf	0.0130	0.4600
06110502010	Roof ridge board,2 x 6	1.0000 Lf	0.0400	0.4200
06110502020	Roof ridge board,2 x 8	1.0000 Lf	0.0440	0.5800
06110502030	Roof ridge board,2 x 10	1.0000 Lf	0.0500	0.8500
06110502040	Roof ridge board,2 x 12	1.0000 Lf	0.0570	1.1000
06110503010	Hip rafter,2 x 6	1.0000 Lf	0.0290	0.4200
06110503020	Hip rafter,2 x 8	1.0000 Lf	0.0300	0.5800
06110503030	Hip rafter,2 x 10	1.0000 Lf	0.0310	0.8500
06110503040	Hip rafter,2 x 12	1.0000 Lf	0.0320	1.1000
06110505060	Fascia board,2 x 4	1.0000 Lf	0.0400	0.2800
06110505070	Fascia board,2 x 6	1.0000 Lf	0.0400	0.4200
06110505080	Fascia board,2 x 8	1.0000 Lf	0.0440	0.5800
06110505090	Fascia board,2 x 10	1.0000 Lf	0.0440	0.8500
06110505100	Fascia board,2 x 12	1.0000 Lf	0.0500	1.1000
06110508000	Cant strip,fiber, 3 x 3	1.0000 Lf	0.0230	0.1800
06110508020	Cant strip,fiber,4 x 4	1.0000 Lf	0.0240	0.2300
06110508040	Cant strip,wood,3 x 3	1.0000 Lf	0.0240	0.8700
06110601000	Sleeper,on concrete,12" oc,1 x 2	1.0000 Sf	0.0180	0.1400
06110601060	Sleeper,on concrete,12" oc,2 x 4	1.0000 Sf	0.0220	0.3300
06110651000	Soffit framing,2 x 3	1.0000 Lf	0.0570	0.2100
06110651020	Soffit framing,2 x 4	1.0000 Lf	0.0620	0.2800
06110651030	Soffit framing,2 x 6	1.0000 Lf	0.0670	0.4200
06110651040	Soffit framing,2 x 8	1.0000 Lf	0.0730	0.5800
06110701000	Framing,wall studs,12" oc,2 x 3	1.0000 Sf	0.0150	0.2400
06110701040	Framing,wall studs,12" oc,2 x 4	1.0000 Sf	0.0150	0.3300
06110701080	Framing,wall studs,12" oc,2 x 6	1.0000 Sf	0.0160	0.5000
06110701100	Framing,wall studs,12" oc,2 x 8	1.0000 Sf	0.0170	0.6900
06110701120	Framing,wall studs,16" oc,2 x 3	1.0000 Sf	0.0130	0.2100
06110701140	Framing,wall studs,16" oc,2 x 4	1.0000 Sf	0.0130	0.2800
06110701150	Framing,wall studs,16" oc,2 x 6	1.0000 Sf	0.0130	0.4200
06110701160	Framing,wall studs,16" oc,2 x 8	1.0000 Sf	0.0140	0.5800
06110701180	Framing,wall studs,24" oc,2 x 4	1.0000 Sf	0.0110	0.2200
06110701190	Framing,wall studs,24" oc,2 x 6	1.0000 Sf	0.0110	0.3300
06110701200	Framing,wall studs,24" oc,2 x 8	1.0000 Sf	0.0120	0.4600
06110701500	Framing,plates,top or bottom,2 x 3	1.0000 Lf	0.0240	0.2100
06110701510	Framing,plates,top or bottom,2 x 4	1.0000 Lf	0.0250	0.2800
06110701520	Framing,plates,top or bottom,2 x 6	1.0000 Lf	0.0270	0.4200
06110701530	Framing,plates,top or bottom,2 x 8	1.0000 Lf	0.0290	0.5800
06110702010	Framing,header,single,2 x 6,3' long	1.0000 Ea	0.4000	1.2500
06110702020	Framing,header,single,2 x 6,6' long	1.0000 Ea	0.5000	2.5000
06110702050	Framing,header,single,2 x 8,4' long	1.0000 Ea	0.5000	2.3000
06110702060	Framing,header,single,2 x 8,8' long	1.0000 Ea	0.6150	4.6000
06110702090	Framing,header,single,2 x 10,5' long	1.0000 Ea	0.6150	4.2000
06110702100	Framing,header,single,2 x 10,10' long	1.0000 Ea	0.8000	8.4500
06110702140	Framing,header,single,2 x 12,6' long	1.0000 Ea	0.6150	6.5000
06110702150	Framing,header,single,2 x 12,12' long	1.0000 Ea	0.8000	13.0000

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06115102000	Sub-flooring,plywood,CDX,1/2" thick	1.0000 Sf	0.0100	0.3600
06115102020	Sub-flooring,plywood,CDX,5/8" thick	1.0000 Sf	0.0110	0.4400
06115102080	Sub-flooring,plywood,CDX,3/4" thick	1.0000 Sf	0.0130	0.5800
06115102100	Sub-flooring,structural plywood,1/2" thick	1.0000 Sf	0.0100	0.4100
06115102120	Sub-flooring,structural plywood,5/8" thick	1.0000 Sf	0.0110	0.5000
06115102140	Sub-flooring,structural plywood,3/4" thick	1.0000 Sf	0.0120	0.6500
06115106000	Underlayment,hardboard,1/4" tempered	1.0000 Sf	0.0100	0.3100
06115106020	Underlayment,plywood,3/8" thick	1.0000 Sf	0.0100	0.3200
06115106040	Underlayment,plywood,1/2" thick	1.0000 Sf	0.0110	0.3700
06115106060	Underlayment,plywood,5/8" thick	1.0000 Sf	0.0110	0.4400
06115106080	Underlayment,plywood,3/4" thick	1.0000 Sf	0.0120	0.5000
06115201000	Roof sheathing,plywood,3/8" thick	1.0000 Sf	0.0100	0.3500
06115201020	Roof sheathing,plywood,1/2" thick	1.0000 Sf	0.0110	0.3600
06115201040	Roof sheathing,plywood,5/8" thick	1.0000 Sf	0.0110	0.4400
06115201060	Roof sheathing,plywood,3/4" thick	1.0000 Sf	0.0120	0.5800
06115202040	Roof sheathing,plywood,3/8" thick	1.0000 Sf	0.0100	0.3800
06115202060	Roof sheathing,plywood,1/2" thick	1.0000 Sf	0.0110	0.4100
06115202080	Roof sheathing,plywood,5/8" thick	1.0000 Sf	0.0110	0.5000
06115202100	Roof sheathing,plywood,3/4" thick	1.0000 Sf	0.0120	0.6500
06115301020	Wall sheathing,plywood,CDX,1/2" thick	1.0000 Sf	0.0120	0.3600
06115301040	Wall sheathing,plywood,CDX,5/8" thick	1.0000 Sf	0.0130	0.4400
06115301060	Wall sheathing,plywood,CDX,3/4" thick	1.0000 Sf	0.0150	0.5800
06115304120	Wall sheathing,structural plywood,3/8" thick	1.0000 Sf	0.0120	0.3800
06115304140	Wall sheathing,structural plywood,1/2" thick	1.0000 Sf	0.0120	0.4100
06115304160	Wall sheathing,structural plywood,5/8" thick	1.0000 Sf	0.0130	0.5000
06115304180	Wall sheathing,structural plywood,3/4" thick	1.0000 Sf	0.0150	0.6500
06115307000	Wall sheathing,gypsum,1/2" thick	1.0000 Sf	0.0120	0.3000
06125100100	Wood decking,T&G,cedar,3 thick	1.0000 Sf	0.0200	4.5000
06125100120	Wood decking,T&G,cedar,4" thick	1.0000 Sf	0.0210	5.5500
06125101040	Wood decking,T&G,fir,3" thick	1.0000 Sf	0.0200	1.8500
06125101060	Wood decking,T&G,fir,4" thick	1.0000 Sf	0.0210	2.0000
06125102000	Wood decking,T&G,so yellow pine,3" thick	1.0000 Sf	0.0230	1.9000
06125103140	Wood decking,T&G,white pine,3" thick	1.0000 Sf	0.0200	2.5000
06125103160	Wood decking,T&G,white pine,4" thick	1.0000 Sf	0.0210	3.2500
06130101040	Mill framing,beam,douglas fir,6 x 8	1.0000 Lf	0.0800	4.0500
06130101042	Mill framing,beam,douglas fir,6 x 10	1.0000 Lf	0.0830	4.8500
06130101220	Mill framing,beam,so yellow pine,6 x 8	1.0000 Lf	0.0800	3.8000
06130101222	Mill framing,beam,so yellow pine,6 x 10	1.0000 Lf	0.0830	4.7500
06130101420	Mill framing,column,douglas fir,6 x 6	1.0000 Lf	0.1200	3.4500
06130101460	Mill framing,column,douglas fir,10 x 10	1.0000 Lf	0.1330	7.1500
06132100100	Posts,treated,4 x 4	1.0000 Lf	0.0320	0.9200
06132100120	Posts,treated,6 x 6	1.0000 Lf	0.0400	2.2000
06190201000	Truss,fink,2 x 4 members,3 pitch,24' span	1.0000 Ea	0.6860	35.5000
06190201022	Truss,fink,2 x 4 members,3 pitch,30' span	1.0000 Ea	0.7270	48.5000
06200101060	Molding,casing,wood,11/16 x 2-1/2	1.0000 Lf	0.0360	0.8100
06200101070	Molding,casing,wood,11/16 x 3-1/2	1.0000 Lf	0.0380	1.0500
06200101300	Molding,closet pole,1-1/8" D	1.0000 Lf	0.0530	0.8700
06200101310	Molding,closet pole,1-5/8" D	1.0000 Lf	0.0530	0.9800
06200101900	Molding,half round,1/2" D	1.0000 Lf	0.0320	0.2100

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06200101910	Molding,half round,5/8" D	1.0000 Lf	0.0320	0.2500
06200102400	Railings,balusters,1-1/4 x 2-1/4	1.0000 Lf	0.0800	1.4000
06200102410	Railings,balusters,1-1/8 x 1-1/8	1.0000 Lf	0.0730	1.2000
06200102500	Molding,screen moldings,1/4 x 3/4	1.0000 Lf	0.0670	0.3000
06200102510	Molding,screen moldings,5/8 x 5/16	1.0000 Lf	0.0670	0.3000
06200102800	Molding,stop,colonial,5/8 x 5/16	1.0000 Lf	0.0500	0.2900
06200104000	Exterior trim,casing,select pine,1 x 3	1.0000 Lf	0.0400	0.8700
06200104020	Exterior trim,casing,douglas fir,1 x 3	1.0000 Lf	0.0400	0.4600
06200104040	Exterior trim,casing,douglas fir,1 x 4	1.0000 Lf	0.0400	0.6400
06200104060	Exterior trim,casing,douglas fir,1 x 6	1.0000 Lf	0.0440	0.8100
06200104100	Exterior trim,casing,douglas fir,1 x 8	1.0000 Lf	0.0500	1.1500
06200105020	Cornice,white pine,#2,1 x 2	1.0000 Lf	0.0400	0.2900
06200105040	Cornice,white pine,#2,1 x 4	1.0000 Lf	0.0400	0.4400
06200105060	Cornice,white pine,#2,1 x 6	1.0000 Lf	0.0440	0.6400
06200105080	Cornice,white pine,#2,1 x 8	1.0000 Lf	0.0470	0.8100
06200108620	Shelving,pine,1 x 8	1.0000 Lf	0.0620	0.8100
06200108640	Shelving,pine,1 x 10	1.0000 Lf	0.0640	1.0500
06200108660	Shelving,pine,1 x 12	1.0000 Lf	0.0670	1.4500
06200108800	Plywood shelf,3/4",with edge band,12" wide	1.0000 Lf	0.0800	1.0000
06200108860	Adjustable shelf,w/rod,12" W,3-4' long	1.0000 Ea	0.2000	8.1000
06200108880	Adjustable shelf,w/rod,12" W,5-8' long	1.0000 Ea	0.2670	13.8500
06200108910	Prefinished shelf,w/bracket,8" W,3' long	1.0000 Ea	0.2000	23.1000
06200108922	Prefinished shelf,w/bracket,8" W,4' long	1.0000 Ea	0.2000	28.9000
06200108924	Prefinished shelf,w/bracket,8" W,6' long	1.0000 Ea	0.2000	20.8000
06200108940	Prefinished shelf,w/bracket,10" W,3' long	1.0000 Ea	0.2000	27.7000
06200108942	Prefinished shelf,w/bracket,10" W,4' long	1.0000 Ea	0.2000	41.6000
06200108946	Prefinished shelf, w/bracket, 10" w, 6' long	1.0000 Ea	0.2000	48.5000
06220100099	Countertop,lam plastic,minimum	1.0000 Lf	0.2000	8.8000
06220100100	Countertop,lam plastic,average	1.0000 Lf	0.2670	16.1500
06220100110	Countertop,lam plastic,maximum	1.0000 Lf	0.3200	25.4000
06220102020	Millwork,plywood,sanded a-c,1/4" thick	1.0000 Sf	0.0270	0.4600
06220102040	Millwork,plywood,sanded a-c,3/8" thick	1.0000 Sf	0.0290	0.5300
06220102060	Millwork,plywood,sanded a-c,1/2" thick	1.0000 Sf	0.0310	0.6200
06220102540	Cabinets,base,36" high,24" deep,hardwood,min	1.0000 Lf	0.3200	40.4000
06220102560	Cabinets,base,36" high,24" deep,hardwood,avg	1.0000 Lf	0.4000	52.0000
06220102580	Cabinets,base,36" high,24" deep,hardwood,max	1.0000 Lf	0.5330	81.0000
06220102640	Cabinets,wall,24" high,12" deep,hardwood,min	1.0000 Lf	0.2670	28.9000
06220102660	Cabinets,wall,24" high,12" deep,hardwood,avg	1.0000 Lf	0.3200	40.4000
06220102680	Cabinets,wall,24" high,12" deep,hardwood,max	1.0000 Lf	0.4000	75.0000
06420101040	Hardboard,tempered,1/4" thick	1.0000 Sf	0.0200	0.3400
06420101330	Paneling,unfinished,birch,1/4" thick,natural	1.0000 Sf	0.0270	0.9100
06420101340	Paneling,unfinished,birch,1/4" thick,select	1.0000 Sf	0.0270	1.2000
06420101400	Paneling,unfinished,knotty pine	1.0000 Sf	0.0270	1.2000
06420101520	Paneling,cedar,closet lining,boards	1.0000 Sf	0.0270	1.1000
06420101540	Paneling,cedar,closet lining,sheets	1.0000 Sf	0.0270	0.8700
06420102020	Panel,ply-prefinished,1/4" thick,#1 gr,birch	1.0000 Sf	0.0320	1.5000
06420102040	Panel,ply-prefinished,1/4" thick,#1 gr,cherry	1.0000 Sf	0.0320	1.6000
06430100100	Stair risers,1 x 8,42" wide,oak	1.0000 Ea	0.4000	11.5500
06430100120	Stair risers,1 x 8,42" wide,pine	1.0000 Ea	0.4000	8.2000

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06430100140	Stair treads,1-1/16"x 9-1/2"x 42",oak	1.0000 Ea	0.5000	15.0000
06440101000	Column,wood,hollow,12" D,10' high	1.0000 Ea	0.8000	346.0000
06440101040	Column,wood,hollow,12" D,12' high	1.0000 Ea	0.8570	416.0000
06440102020	Column,wood,hollow,12" D,16' high	1.0000 Ea	1.2000	1850.0000
06440102040	Column,wood,hollow,12" D,18' high	1.0000 Ea	1.2630	2180.0000
07100101160	Waterproofing,memb,neoprene,1/32" thick	1.0000 Sf	0.0320	0.8500
07100101180	Waterproofing,memb,neoprene,1/16" thick	1.0000 Sf	0.0330	1.3500
07100101220	Waterproofing,memb,neoprene w/nylon,1/32" thick	1.0000 Sf	0.0320	0.9400
07100101240	Waterproofing,memb,neoprene w/nylon,1/16" thick	1.0000 Sf	0.0330	1.5000
07100101280	Polyethylene,4 mil	1.0000 Sf	0.0030	0.0100
07100101300	Polyethylene,6 mil	1.0000 Sf	0.0030	0.0200
07100101440	Waterproofing,bitum memb,felt,15#,1 ply	1.0000 Sf	0.0200	0.2800
07100101460	Waterproofing,bitum memb,felt,15#,2 ply	1.0000 Sf	0.0240	0.3300
07100101480	Waterproofing,bitum memb,felt,15#,3 ply	1.0000 Sf	0.0290	0.4400
07100102320	Waterproofing,bentonite panels,3/16" thick	1.0000 Sf	0.0200	0.1500
07100102330	Waterproofing,bentonite panels,1/4" thick	1.0000 Sf	0.0200	0.9000
07160100120	Building paper,15# felt	1.0000 Sf	0.0320	0.0700
07160100140	Building paper,30# felt	1.0000 Sf	0.0330	0.1100
07160101020	Damproofing,asphalt,troweled,1 coat	1.0000 Sf	0.0270	0.4400
07160101040	Damproofing,asphalt,troweled,2 coats	1.0000 Sf	0.0400	0.6800
07160101060	Damproofing,asphalt,troweled,3 coats	1.0000 Sf	0.0500	1.0000
07190101000	Vapor barrier,polyethylene,2 mil	1.0000 Sf	0.0040	0.0100
07190101010	Vapor barrier,polyethylene,6 mil	1.0000 Sf	0.0040	0.0200
07190101020	Vapor barrier,polyethylene,8 mil	1.0000 Sf	0.0040	0.0300
07210101000	Insul,ceiling,fiberglass,unfaced,3-1/2",R11	1.0000 Sf	0.0090	0.2400
07210101020	Insul,ceiling,fiberglass,unfaced,6",R19	1.0000 Sf	0.0110	0.4100
07210101030	Insul,ceiling,fiberglass,unfaced,9",R30	1.0000 Sf	0.0120	0.6300
07210101080	Insul,crawl sp,fiberglass,unfaced,3-1/2",r11	1.0000 Sf	0.0120	0.2400
07210101100	Insul,crawl sp,fiberglass,unfaced,6",R19	1.0000 Sf	0.0130	0.4100
07210101120	Insul,crawl sp,fiberglass,unfaced,9",R30	1.0000 Sf	0.0150	0.6300
07210102020	Insul,wall,paper backed,2",R7	1.0000 Sf	0.0080	0.1700
07210102040	Insul,wall,paper backed,3",R	1.0000 Sf	0.0090	0.1800
07210102100	Insul,wall,foil back,2",R7	1.0000 Sf	0.0080	0.3500
07210102120	Insul,wall,foil back,3",R11	1.0000 Sf	0.0090	0.3700
07210102180	Insul,wall,foil 2-sides,2",R7	1.0000 Sf	0.0090	0.4200
07210102200	Insul,wall,foil 2-sides,3",R11	1.0000 Sf	0.0100	0.5200
07210102220	Insul,wall,foil 2-sides,4",R14	1.0000 Sf	0.0110	0.6100
07210102260	Insul,wall,unfaced,2",R7	1.0000 Sf	0.0080	0.1500
07210102280	Insul,wall,unfaced,3",R9	1.0000 Sf	0.0090	0.1800
07210102300	Insul,wall,unfaced,4",R11	1.0000 Sf	0.0090	0.2200
07210102320	Insul,wall,unfaced,6",R19	1.0000 Sf	0.0100	0.2500
07210102420	Insul,wall,mineral wool,batts,2",R6	1.0000 Sf	0.0080	0.3500
07210102440	Insul,wall,mineral wool,batts,4",R12	1.0000 Sf	0.0090	0.4400
07210102460	Insul,wall,mineral wool,batts,6",R19	1.0000 Sf	0.0100	0.5200
07210201020	Insul,board,fiberglass,0.75",R2.78	1.0000 Sf	0.0070	0.2200
07210201040	Insul,board,fiberglass,1.06",R4.17	1.0000 Sf	0.0080	0.4400
07210202020	Insul,board,composite,1-1/2",R6.67	1.0000 Sf	0.0080	0.6600
07210202040	Insul,board,composite,1-5/8",R7.69	1.0000 Sf	0.0080	0.7100
07210202220	Insul,board,perlite,1",R2.78	1.0000 Sf	0.0070	0.4400

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07210202600	Insul,board,urethane,1",R6.67	1.0000 Sf	0.0070	0.5300
07210202620	Insul,board,urethane,1.2",R8.33	1.0000 Sf	0.0070	0.6700
07210202800	Insul,board,polystyrene,1",R4.17	1.0000 Sf	0.0070	0.5600
07210202820	Insul,board,polystyrene,1.5",R6.26	1.0000 Sf	0.0070	0.9200
07210601020	Insul,blown-in,5",R11	1.0000 Sf	0.0070	0.1800
07210601040	Insul,blown-in,6",R3	1.0000 Sf	0.0080	0.2100
07210701020	Insul,sprayed,foam,polystyrene,1",R4	1.0000 Sf	0.0080	0.3800
07210701040	Insul,sprayed,foam,polystyrene,2",R8	1.0000 Sf	0.0110	0.7100
07210701060	Insul,sprayed,foam,urethane,1",R7.7	1.0000 Sf	0.0080	0.4400
07210701080	Insul,sprayed,foam,urethane,2",R15.4	1.0000 Sf	0.0110	0.7700
07310101020	Shingles,asphalt strip,210 lb/square	1.0000 Sq	0.8000	34.7000
07310101060	Shingles,asphalt strip,240 lb/square	1.0000 Sq	1.0000	38.1000
07310106040	Roll roofing,mineral surface,140 Lb/square	1.0000 Sq	0.8000	31.2000
07310501000	Shingles,metal,aluminum,0.02" thick,plain	1.0000 Sq	1.6000	116.0000
07310502000	Shingles,metal,steel,galv,26 ga,plain	1.0000 Sq	1.6000	154.0000
07310601000	Shingles,slate,pennsylvania,ribbon	1.0000 Sq	4.0000	346.0000
07310601020	Shingles,slate,pennsylvania,clear	1.0000 Sq	4.0000	462.0000
07310701020	Shingles,wooden,#1 cedar,4" exposure	1.0000 Sq	2.6670	154.0000
07310701040	Shingles,wooden,#1 cedar,5" exposure	1.0000 Sq	2.0000	138.0000
07310701060	Shingles,wooden,#2 cedar,4" exposure	1.0000 Sq	2.6670	110.0000
07310701080	Shingles,wooden,#2 cedar,5" exposure	1.0000 Sq	2.0000	93.5000
07310701100	Shingles,wooden,rebutted,4" exposure	1.0000 Sq	2.6670	138.0000
07310701120	Shingles,wooden,rebutted,5" exposure	1.0000 Sq	2.0000	116.0000
07310701160	Wall shingles,#1 cedar,4" exposure	1.0000 Sq	4.0000	154.0000
07310701180	Wall shingles,#1 cedar,5" exposure	1.0000 Sq	3.2000	138.0000
07310701200	Wall shingles,#1 cedar,6" exposure	1.0000 Sq	2.6670	116.0000
07310701220	Wall shignles,#2 cedar,4" exposure	1.0000 Sq	4.0000	110.0000
07310701240	Wall shingles,#2 cedar,5" exposure	1.0000 Sq	3.2000	93.5000
07310701260	Wall shingles,#2 cedar,6" exposure	1.0000 Sq	2.6670	77.0000
07310802020	Shingles,cedar shakes,24",5" exposure	1.0000 Sq	4.0000	107.0000
07310802040	Shingles,cedar shakes,24",6" exposure	1.0000 Sq	3.2000	99.0000
07310802060	Shingles,cedar shakes,24",9" exposure	1.0000 Sq	2.6670	88.0000
07310802100	Wall shingles,cedar shakes,24",6" exposure	1.0000 Sq	4.0000	102.0000
07310802120	Wall shingles,cedar shakes,24",8" exposure	1.0000 Sq	3.2000	95.5000
07310802140	Wall shingles,cedar shakes,24",10" exposure	1.0000 Sq	2.6670	86.0000
07410101050	Roof panels,natural,corr alum,0.024" thick	1.0000 Sf	0.0200	1.1000
07410101060	Roof panels,natural,corr alum,0.030" thick	1.0000 Sf	0.0200	1.3500
07410101070	Roof panels,painted,corr alum,0.024" thick	1.0000 Sf	0.0200	1.5500
07410101080	Roof panels,painted,corr alum,0.030" thick	1.0000 Sf	0.0200	1.7500
07410102100	Roof panels,painted,corr steel,18 ga	1.0000 Sf	0.0200	3.3500
07410102120	Roof panels,painted,corr steel,20 ga	1.0000 Sf	0.0200	3.1000
07460101040	Siding panels,corr aluminum,plain,0.024"	1.0000 Sf	0.0320	1.0000
07460101060	Siding panels,corr aluminum,plain,0.032"	1.0000 Sf	0.0320	1.2000
07460101080	Siding panels,corr aluminum,painted,0.024"	1.0000 Sf	0.0320	1.2500
07460101100	Siding panels,corr aluminum,painted,0.032"	1.0000 Sf	0.0320	1.4500
07460102080	Siding panels,corr steel,22 ga.	1.0000 Sf	0.0530	2.6500
07460102100	Siding panels,corr steel,24 ga.	1.0000 Sf	0.0530	2.4500
07460501020	Siding,vinyl,solid,8" wide,standard	1.0000 Sf	0.0310	0.6500
07460501040	Siding,vinyl,solid,8" wide,insulated	1.0000 Sf	0.0310	0.9500

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07460501060	Siding,vinyl,solid,10" wide,standard	1.0000 Sf	0.0290	0.7100
07460501080	Siding,vinyl,solid,10" wide,insulated	1.0000 Sf	0.0290	1.0500
07460601000	Siding,cedar,roughsawn,3/8" thick	1.0000 Sf	0.0270	0.8700
07460601020	Siding,fir,roughsawn,3/8" thick	1.0000 Sf	0.0270	0.4600
07460602000	Siding,sheets,texture 1-11,5/8" thick,cedar	1.0000 Sf	0.0290	1.1000
07460602020	Siding,sheets,texture 1-11,5/8" thick,fir	1.0000 Sf	0.0290	0.5800
07460602040	Siding,sheets,texture 1-11,5/8" thick,redwood	1.0000 Sf	0.0290	1.1000
07460602060	Siding,sheets,texture 1-11,5/8" thick,so pine	1.0000 Sf	0.0290	0.6500
07460701020	Siding,sheets,ribbed,galv,22 ga	1.0000 Sf	0.0320	1.3000
07460701040	Siding,sheets,ribbed,galv,24 ga	1.0000 Sf	0.0320	1.1000
07460701220	Siding,sheets,ribbed,primed,24 ga	1.0000 Sf	0.0320	1.5500
07460801020	Siding,beveled cedar,"a",1/2 x 6	1.0000 Sf	0.0400	1.7000
07460801040	Siding,beveled cedar,"a",1/2 x 8	1.0000 Sf	0.0320	2.0000
07460801060	Siding,beveled cedar,"a",3/4 x 10	1.0000 Sf	0.0270	1.8000
07460801080	Siding,beveled cedar,clear,1/2 x 6	1.0000 Sf	0.0400	1.8500
07460801100	Siding,beveled cedar,clear,1/2 x 8	1.0000 Sf	0.0320	2.1500
07460801120	Siding,beveled cedar,clear,3/4 x 10	1.0000 Sf	0.0270	1.9500
07460802020	Siding,board & batten,cedar,1 x 6	1.0000 Sf	0.0400	2.1000
07460802040	Siding,board & batten,cedar,1 x 8	1.0000 Sf	0.0320	1.8500
07460802060	Siding,board & batten,cedar,1 x 10	1.0000 Sf	0.0290	1.6500
07460802080	Siding,board & batten,cedar,1 x 12	1.0000 Sf	0.0260	1.4500
07460802100	Siding,board & batten,pine,1 x 6	1.0000 Sf	0.0400	0.6100
07460802120	Siding,board & batten,pine,1 x 8	1.0000 Sf	0.0320	0.5500
07460802140	Siding,board & batten,pine,1 x 10	1.0000 Sf	0.0290	0.5000
07460802160	Siding,board & batten,pine,1 x 12	1.0000 Sf	0.0260	0.4700
07460802180	Siding,board & batten,redwood,1 x 6	1.0000 Sf	0.0400	2.7500
07460802200	Siding,board & batten,redwood,1 x 8	1.0000 Sf	0.0320	2.5500
07460802220	Siding,board & batten,redwood,1 x 10	1.0000 Sf	0.0290	2.3000
07460802240	Siding,board & batten,redwood,1 x 12	1.0000 Sf	0.0260	2.1000
07460803020	Siding,T&G,cedar,1 x 4	1.0000 Sf	0.0440	2.4000
07460803040	Siding,T&G,cedar,1 x 6	1.0000 Sf	0.0420	2.3500
07460803060	Siding,T&G,cedar,1 x 8	1.0000 Sf	0.0400	2.1500
07460803080	Siding,T&G,cedar,1 x 10	1.0000 Sf	0.0380	2.1000
07460803100	Siding,T&G,pine,1 x 4	1.0000 Sf	0.0440	0.7100
07460803120	Siding,T&G,pine,1 x 6	1.0000 Sf	0.0420	0.6600
07460803140	Siding,T&G,pine,1 x 8	1.0000 Sf	0.0400	0.6100
07460803160	Siding,T&G,pine,1 x 10	1.0000 Sf	0.0380	0.5500
07460803180	Siding,T&G,redwood,1 x 4	1.0000 Sf	0.0440	2.6000
07460803200	Siding,T&G,redwood,1 x 6	1.0000 Sf	0.0420	2.4500
07460803220	Siding,T&G,redwood,1 x 8	1.0000 Sf	0.0400	2.3500
07460803240	Siding,T&G,redwood,1 x 10	1.0000 Sf	0.0380	2.2000
07510101000	Roofing,built-up,felt,inc gravel,2-ply	1.0000 Sq	2.0000	25.4000
07510101500	Roofing,built-up,felt incl gravel,3-ply	1.0000 Sq	2.6670	35.8000
07510102000	Roofing,built-up,felt incl gravel,4-ply	1.0000 Sq	3.2000	47.4000
07510102200	Cant strip,4"x 4",treated wood	1.0000 Lf	0.0230	1.1500
07510102260	Cant strip,4"x 4",foamglass	1.0000 Lf	0.0200	0.3200
07510108000	New gravel for built-up roofing,400 Lb/sq	1.0000 Sq	1.6000	17.3500
07510109000	Aluminum coating,top surfacing,built-up roofing	1.0000 Sq	1.3330	18.5000
07530102060	Elastic sheet roofing,1/16" thick,neoprene	1.0000 Sf	0.0100	0.8900

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07530102120	Elastic sheet roofing,45 mil,PVC	1.0000 Sf	0.0100	1.2500
07530102260	Pipe flashing,90 mil thick,1" pipe	1.0000 Ea	0.2000	12.1000
07530102380	Strip flashing,60 mil thick,neoprene,6"	1.0000 Lf	0.0670	0.8500
07530102390	Strip flashing,60 mil thick,neoprene,12"	1.0000 Lf	0.1000	1.6500
07620100060	Counter flashing,aluminum,0.032	1.0000 Sf	0.0800	0.8800
07620100100	Counter flashing,stainless,0.015	1.0000 Sf	0.0800	2.6500
07620100110	Counter flashing,copper,16 oz.	1.0000 Sf	0.0800	2.4000
07620100120	Valley flashing,aluminum,0.032	1.0000 Sf	0.0500	0.8800
07620100130	Counter flashing,stainless,0.015	1.0000 Sf	0.0500	2.6500
07620100140	Valley flashing,copper,16 oz.	1.0000 Sf	0.0500	2.4000
07620100400	Base flashing,aluminum,0.040	1.0000 Sf	0.0670	0.9400
07620100410	Base flashing,stainless,0.018	1.0000 Sf	0.0670	2.6500
07620100420	Base flashing,copper,16 oz.	1.0000 Sf	0.0670	2.4000
07620100424	Base flashing,copper,24 oz.	1.0000 Sf	0.0670	3.3000
07620102050	Waterstop,"t" section,22 ga,1-1/2 x 3	1.0000 Lf	0.0400	1.5500
07620102060	Waterstop,"t" section,22 ga,2 x 2	1.0000 Lf	0.0400	1.7000
07620103221	Flashing & trim,aluminum,0.019" thick	1.0000 Sf	0.0570	0.7600
07620103231	Flashing & trim,aluminum,0.032" thick	1.0000 Sf	0.0570	0.9100
07620201540	Downspout,copper,16 oz,round,3" D	1.0000 Lf	0.0530	4.4500
07620201550	Downspout,copper,16 oz,round,4" D	1.0000 Lf	0.0530	5.1500
07620201570	Downspout,copper,16 oz,corrugated,2"x 3"	1.0000 Lf	0.0500	2.4000
07620201580	Downspout,copper,16 oz,corrugated,3"x 4"	1.0000 Lf	0.0500	3.2500
07620201590	Downspout,copper,16 oz,flat surf,2"x 3"	1.0000 Lf	0.0530	4.1000
07620201600	Downspout,copper,16 oz,flat surf,3"x 4"	1.0000 Lf	0.0530	6.6500
07620201820	Gutters,copper,half round,4" wide	1.0000 Lf	0.0800	4.1000
07620201840	Gutters,copper,half round,5" wide	1.0000 Lf	0.0890	6.6500
07620203010	Downspout,aluminum,2"x 3"	1.0000 Lf	0.0530	0.6300
07620203030	Downspout,aluminum,3"x 4"	1.0000 Lf	0.0570	0.8400
07620203035	Downspout,aluminum,4"x 5"	1.0000 Lf	0.0620	0.9400
07620203040	Downspout,aluminum,round,3" D	1.0000 Lf	0.0530	1.2000
07620203050	Downspout,aluminum,round,4" D	1.0000 Lf	0.0570	1.8500
07620203260	Gutter,aluminum,stock,4" wide	1.0000 Lf	0.0840	1.0500
07620203270	Gutter,aluminum,stock,5" wide	1.0000 Lf	0.0890	1.1500
07620204121	Downspout,galv steel,2" or 3" D	1.0000 Lf	0.0530	1.1000
07620204131	Downspout,galv steel,4" D	1.0000 Lf	0.0530	1.3500
07620204141	Downspout,galv steel,5" D	1.0000 Lf	0.0570	2.6000
07620204151	Downspout,galv steel,6" D	1.0000 Lf	0.0570	2.8000
07620204171	Downspout,galv steel,rectangular,2"x 3"	1.0000 Lf	0.0530	1.3000
07620204191	Downspout,galv steel,rectangular,3"x 4"	1.0000 Lf	0.0500	1.4000
07620204201	Downspout,galv steel,rectangular,4"x 4"	1.0000 Lf	0.0500	2.7500
07620204320	Gutter,galv steel,5" wide,plain	1.0000 Lf	0.0890	1.3000
07620204330	Gutter,galv steel,5" wide,painted	1.0000 Lf	0.0890	1.9500
07620204340	Gutter,galv steel,6" wide,plain	1.0000 Lf	0.0940	2.6500
07620204360	Gutter,galv steel,6" wide,painted	1.0000 Lf	0.0940	3.2500
07700100820	Smoke vent,48"x 48",aluminum	1.0000 Ea	2.0000	431.0000
07700100860	Smoke vent,48"x 48",galv steel	1.0000 Ea	2.0000	417.0000
07700101000	Heat/smoke vent,48"x 48",aluminum	1.0000 Ea	2.6670	1660.0000
07700101020	Heat/smoke vent,48"x 48",galv steel	1.0000 Ea	2.6670	1620.0000
07700102040	Ridge vent strips,mill finish	1.0000 Lf	0.0530	2.3000

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07700102090	Soffit vent,mill finish,2-1/2" wide	1.0000 Lf	0.0320	0.2500
07700103040	Roof hatch,steel,primed,2'-6"x 3'-0"	1.0000 Ea	2.0000	363.0000
07700103120	Roof hatch,steel,galv,2'-6"x 3'-0"	1.0000 Ea	2.0000	375.0000
07700103200	Roof hatch,aluminum,2'-6"x 3'-0"	1.0000 Ea	2.0000	399.0000
07700103560	Access door,ceiling,swing up,sti,2'-6"x 2'-6"	1.0000 Ea	0.8000	248.0000
07700103600	Access door,ceiling,swing up,alum,2'-6"x 2'-6"	1.0000 Ea	0.8000	272.0000
07700103660	Access door,ceiling,swing down,steel,2'-6"x 2'-6"	1.0000 Ea	0.8000	248.0000
07700103670	Access door,ceiling,swing down,steel,2'-6"x 3'-0"	1.0000 Ea	0.8000	266.0000
07700103690	Access door,ceiling,swing down,alum,2'-6"x 2'-6"	1.0000 Ea	0.8000	266.0000
07700103700	Access door,ceiling,swing down,alum,2'-6"x 3'-0"	1.0000 Ea	0.8000	290.0000
07700103940	Ventilator,wind driven spinner,12" D	1.0000 Ea	0.5330	23.0000
07810101420	Skylight,translucent panel,2-1/2" thick	1.0000 Sf	0.0800	21.8000
07810101500	Skylight,vaulted,single glazed	1.0000 Sf	0.1000	30.2000
08110101020	Door,metal,flush hollow,20 ga,1-3/8",2-6 x 6-8	1.0000 Ea	0.8890	133.0000
08110101040	Door,metal,flush hollow,20 ga,1-3/8", 2-8 x 6-8	1.0000 Ea	0.8890	136.0000
08110101080	Door,metal,flush hollow,20 ga,1-3/8",3-0 x 6-8	1.0000 Ea	0.8890	150.0000
08110101100	Door,metal,flush hollow,20 ga,1-3/4",2-6 x 6-8	1.0000 Ea	0.8890	158.0000
08110101120	Door,metal,flush hollow,20 ga,1-3/4",2-8 x 6-8	1.0000 Ea	0.8890	167.0000
08110101150	Door,metal,flush hollow,20 ga,1-3/4",3-0 x 6-8	1.0000 Ea	0.8890	179.0000
08110102130	Door,metal,h-duty,hm,20 ga,1-3/4",2-8 x 6-8	1.0000 Ea	0.8890	139.0000
08110102135	Door,metal,h-duty,hm,20 ga,1-3/4",3-0 x 6-8	1.0000 Ea	0.8890	150.0000
08110102140	Door,metal,h-duty,hm,20 ga,1-3/4",2-8 x 7-0	1.0000 Ea	0.8890	165.0000
08110102210	Door,metal,h-duty,hm,18 ga,1-3/4",2-0 x 7-0	1.0000 Ea	0.8890	172.0000
08110102230	Door,metal,h-duty,hm,18 ga,1-3/4",2-4 x 7-0	1.0000 Ea	0.8890	184.0000
08110102235	Door,metal,h-duty,hm,18 ga,1-3/4",2-6 x 7-0	1.0000 Ea	0.8890	188.0000
08110102240	Door,metal,h-duty,hm,18 ga,1-3/4",2-8 x 7-0	1.0000 Ea	0.8890	195.0000
08110401020	Door frames,metal,stock,18 ga,5-3/4",2-0 x 7-0	1.0000 Ea	1.0000	56.5000
08110401040	Door frames,metal,stock,18 ga,5-3/4",2-4 x 7-0	1.0000 Ea	1.0000	56.5000
08110401060	Door frames,metal,stock,18 ga,5-3/4",2-6 x 7-0	1.0000 Ea	1.0000	58.0000
08110401100	Door frames,metal,stock,18 ga,5-3/4",3-0 x 7-0	1.0000 Ea	1.0000	59.0000
08120101520	Alum door,narrow stile,single,2-6 x 7-0	1.0000 Ea	4.0000	343.0000
08120101540	Alum door,narrow stile,single,3-0 x 7-0	1.0000 Ea	4.0000	345.0000
08120101560	Alum door,narrow stile,single,3-6 x 7-0	1.0000 Ea	4.0000	359.0000
08120101580	Alum door,narrow stile,double,5-0 x 7-0	1.0000 Ea	8.0000	687.0000
08120101600	Alum door,narrow stile,double,6-0 x 7-0	1.0000 Ea	8.0000	687.0000
08120101620	Alum door,narrow stile,double,7-0 x 7-0	1.0000 Ea	8.0000	716.0000
08120101720	Alum door,wide stile,single,2-6 x 7-0	1.0000 Ea	4.0000	588.0000
08120101740	Alum door,wide stile,single,3-0 x 7-0	1.0000 Ea	4.0000	632.0000
08120101760	Alum door,wide stile,single,3-6 x 7-0	1.0000 Ea	4.0000	682.0000
08120101780	Alum door,wide stile,double,5-0 x 7-0	1.0000 Ea	8.0000	1170.0000
08120101800	Alum door,wide stile,double,6-0 x 7-0	1.0000 Ea	8.0000	1200.0000
08120101820	Alum door,wide stile,double,7-0 x 7-0	1.0000 Ea	8.0000	1230.0000
08210100200	Door,flush,hc,2-6 x 6-8 x 1-3/8",hardboard	1.0000 Ea	1.0000	76.0000
08210100220	Door,flush,hc,2-6 x 6-8 x 1-3/8",hardwood	1.0000 Ea	1.0000	87.5000
08210100240	Door,flush,hc,2-8 x 6-8 x 1-3/8",hardboard	1.0000 Ea	1.0000	85.0000
08210100260	Door,flush,hc,2-8 x 6-8 x 1-3/8",hardwood	1.0000 Ea	1.0000	99.0000
08210100280	Door,flush,hc,3-0 x 6-8 x 1-3/8",hardboard	1.0000 Ea	1.0000	93.5000
08210100300	Door,flush,hc,3-0 x 6-8 x 1-3/8",hardwood	1.0000 Ea	1.0000	103.0000
08210101080	Door,flush,solid core,1-3/8",birch,2-4 x 6-8	1.0000 Ea	1.0000	99.0000

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08210101090	Door,flush,solid core,1-3/8",birch,2-6 x 6-8	1.0000 Ea	1.0000	105.0000
08210101095	Door,flush,solid core,1-3/8",birch,2-8 x 6-8	1.0000 Ea	1.0000	110.0000
08210101100	Door,flush,solid core,1-3/8",birch,3-0 x 6-8	1.0000 Ea	1.0000	114.0000
08210101460	Door,flush,hollow core,1-3/8",birch,2-4 x 7-0	1.0000 Ea	1.0000	52.5000
08210101480	Door,flush,hollow core,1-3/8",birch,2-8 x 7-0	1.0000 Ea	1.0000	55.5000
08210101500	Door,flush,hollow core,1-3/8",birch,3-0 x 7-0	1.0000 Ea	1.0000	58.0000
08210101520	Door,flush,hollow core,1-3/8",birch,3-4 x 7-0	1.0000 Ea	1.0000	62.5000
08210101620	Door,flush,hollow core,1-3/8",birch,2-4 x 6-8	1.0000 Ea	1.0000	32.6000
08210101630	Door,flush,hollow core,1-3/8",birch,2-6 x 6-8	1.0000 Ea	1.0000	35.0000
08210101640	Door,flush,hollow core,1-3/8",birch,2-8 x 6-8	1.0000 Ea	1.0000	37.3000
08210101660	Door,flush,hollow core,1-3/8",birch,3-0 x 6-8	1.0000 Ea	1.0000	39.6000
08210101760	Door,flush,hollow core,1-3/8",hardboard,2-4 x 7-0	1.0000 Ea	1.0000	35.0000
08210101770	Door,flush,hollow core,1-3/8",hardboard,2-6 x 7	1.0000 Ea	1.0000	37.3000
08210101950	Door,flush,solid core,1-3/4",birch,2-6 x 7-0	1.0000 Ea	1.0000	126.0000
08210101960	Door,flush,solid core,1-3/4",birch,2-8 x 7-0	1.0000 Ea	1.0000	131.0000
08210101970	Door,flush,solid core,1-3/4",birch,3-0 x 7-0	1.0000 Ea	1.0000	136.0000
08210101980	Door,flush,solid core,1-3/4",birch,3-4 x 7-0	1.0000 Ea	1.0000	142.0000
08210102295	Door,flush,hollow core,1-3/4",birch,2-6 x 7-0	1.0000 Ea	1.0000	56.0000
08210102300	Door,flush,hollow core,1-3/4",birch,2-8 x 7-0	1.0000 Ea	1.0000	58.5000
08210102320	Door,flush,hollow core,1-3/4",birch,3-0 x 7-0	1.0000 Ea	1.0000	60.5000
08210102340	Door,flush,hollow core,1-3/4",birch,3-4 x 7-0	1.0000 Ea	1.0000	64.0000
08210102550	Door,flush,hollow core,1-3/4",hardboard,2-6 x 7-0	1.0000 Ea	1.0000	42.0000
08210102560	Door,flush,hollow core,1-3/4",hardboard,2-8 x 7-0	1.0000 Ea	1.0000	44.3000
08210102580	Door,flush,hollow core,1-3/4",hardboard,3-0 x 7-0	1.0000 Ea	1.0000	46.6000
08210102600	Door,flush,hollow core,1-3/4",hardboard,3-4 x 7-0	1.0000 Ea	1.0000	50.0000
08210103040	Closet door,bi-passing,paneled,1-3/8",4-0 x 6-8	1.0000 Ea	1.3330	220.0000
08210103060	Closet door,bi-passing,paneled,1-3/8",6-0 x 6-8	1.0000 Ea	1.3330	268.0000
08210103080	Closet door,bi-passing,louver,1-3/8",4-0 x 6-8	1.0000 Ea	1.3330	152.0000
08210103100	Closet door,bi-passing,louver,1-3/8",6-0 x 6-8	1.0000 Ea	1.3330	194.0000
08210103140	Closet door,bi-passing,flush,1-3/8",4-0 x 6-8	1.0000 Ea	1.3330	134.0000
08210103160	Closet door,bi-passing,flush,1-3/8",6-0 x 6-8	1.0000 Ea	1.3330	163.0000
08210103180	Closet door,bi-passing,primed,1-3/8",4-0 x 6-8	1.0000 Ea	1.3330	140.0000
08210103200	Closet door,bi-passing,primed,1-3/8",6-0 x 6-8	1.0000 Ea	1.3330	169.0000
08210900100	Door frame,pine,interior,2-6 x 6-8	1.0000 Ea	1.1430	24.2500
08210900140	Door frame,pine,interior,2-8 x 6-8	1.0000 Ea	1.1430	25.4000
08210900160	Door frame,pine,interior,3-0 x 6-8	1.0000 Ea	1.1430	25.4000
08210900180	Door frame,pine,interior,5-0 x 6-8	1.0000 Ea	1.1430	27.6000
08210900200	Door frame,pine,interior,6-0 x 6-8	1.0000 Ea	1.1430	28.9000
08210901060	Door frame,walnut,exterior,3-0 x 7-0	1.0000 Ea	2.0000	289.0000
08210901080	Door frame,walnut,exterior,6-0 x 7-0	1.0000 Ea	2.0000	346.0000
08210901100	Door frame,oak,exterior,3-0 x 7-0	1.0000 Ea	2.0000	266.0000
08210901120	Door frame,oak,exterior,6-0 x 7-0	1.0000 Ea	2.0000	323.0000
08210901220	Door frame,pine,exterior,2-4 x 7-0	1.0000 Ea	1.6000	52.0000
08210901240	Door frame,pine,exterior,2-6 x 7-0	1.0000 Ea	1.6000	54.5000
08210901280	Door frame,pine,exterior,2-8 x 7-0	1.0000 Ea	1.6000	54.5000
08210901300	Door frame,pine,exterior,3-0 x 7-0	1.0000 Ea	1.6000	63.5000
08300102200	Garage door,flush metal,primed,9-0 x 7-0	1.0000 Ea	2.6670	572.0000
08300104050	Roll-up doors,13-0 high x 14-0 wide	1.0000 Ea	11.4290	700.0000
08300104060	Roll-up doors,12-0 high x 14-0 wide	1.0000 Ea	11.4290	898.0000

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08300105020	Accordion doors,complete,vinyl	1.0000 Sf	0.3200	7.3500
08300105040	Accordion doors,complete,wood & vinyl	1.0000 Sf	0.3200	9.2000
08300105060	Accordion doors,complete,economy	1.0000 Sf	0.3200	6.1500
08300105080	Accordion doors,complete,rigid PVC	1.0000 Sf	0.3200	9.8000
08300105240	Garage doors,sectional,wood,8'x 8'	1.0000 Ea	6.6670	496.0000
08300105260	Garage doors,sectional,wood,10'x 10'	1.0000 Ea	7.2730	770.0000
08300105280	Garage doors,sectional,wood,12'x 12'	1.0000 Ea	8.0000	1040.0000
08300106020	Garage doors,sectional,metal,9'x 7'	1.0000 Ea	3.2000	280.0000
08300106040	Garage doors,sectional,metal,16'x 7'	1.0000 Ea	4.0000	630.0000
08300106440	Sliding glass door,plate,6' wide,economy	1.0000 Ea	2.6670	583.0000
08300106450	Sliding glass door,plate,6' wide,premium	1.0000 Ea	2.6670	676.0000
08300106460	Sliding glass door,plate,12' wide,economy	1.0000 Ea	4.0000	933.0000
08300106465	Sliding glass door,plate,12' wide,premium	1.0000 Ea	4.0000	1280.0000
08300106480	Sliding glass door,insul,6' wide,economy	1.0000 Ea	2.6670	816.0000
08300106500	Sliding glass door,insul,6' wide,premium	1.0000 Ea	2.6670	1520.0000
08300106510	Sliding glass door,insul,12' wide,economy	1.0000 Ea	4.0000	700.0000
08300106515	Sliding glass door,insul,12' wide,premium	1.0000 Ea	4.0000	1280.0000
08410100140	Storefront,aluminum & glass,minimum	1.0000 Sf	0.1000	13.8500
08410100150	Storefront,aluminum & glass,average	1.0000 Sf	0.1140	18.5000
08410100160	Storefront,aluminum & glass,maximum	1.0000 Sf	0.1330	25.4000
08520100240	Aluminum window,fixed,6 Sf to 8 Sf	1.0000 Sf	0.1140	8.1000
08520100250	Aluminum window,fixed 12 Sf to 16 Sf	1.0000 Sf	0.0890	7.5000
08520100260	Aluminum window,projecting,6 Sf to 8 Sf	1.0000 Sf	0.2000	18.5000
08520100270	Aluminum window,projecting,12 Sf to 16 Sf	1.0000 Sf	0.1330	16.1500
08520100280	Aluminum window,horiz sliding,6 Sf to 8 Sf	1.0000 Sf	0.1000	12.7000
08520100290	Aluminum window,horiz sliding,12 Sf to 16 Sf	1.0000 Sf	0.0800	11.5500
08520101160	Aluminum window,double hung,6 Sf to 8 Sf	1.0000 Sf	0.1600	11.5500
08520101180	Aluminum window,double hung,10 Sf to 12 Sf	1.0000 Sf	0.1330	11.0000
08520103020	Storm window,0.5 Cfm,60 united inches	1.0000 Ea	0.4000	41.6000
08520103040	Storm window,0.5 Cfm,70 united inches	1.0000 Ea	0.4000	42.7000
08520103060	Storm window,0.5 Cfm,80 united inches	1.0000 Ea	0.4000	46.2000
08600101000	Wood window,double hung,24"x 36",min	1.0000 Ea	0.8000	131.0000
08600101002	Wood window,double hung,24"x 36",avg	1.0000 Ea	1.0000	187.0000
08600101004	Wood window,double hung,24"x 36",max	1.0000 Ea	1.3330	233.0000
08600101040	Wood window,double hung,30"x 48",min	1.0000 Ea	0.8890	187.0000
08600101042	Wood window,double hung,30"x 48",avg	1.0000 Ea	1.1430	233.0000
08600101044	Wood window,double hung,30"x 48",max	1.0000 Ea	1.6000	280.0000
08600101220	Wood window,casement,1 leaf,22"x 38",min	1.0000 Ea	0.8000	187.0000
08600101222	Wood window,casement,1 leaf,22"x 38",avg	1.0000 Ea	1.0000	210.0000
08600101224	Wood window,casement,1 leaf,22"x 38",max	1.0000 Ea	1.3330	233.0000
08600101240	Wood window,casement,2 leaf,50"x 50",min	1.0000 Ea	1.0000	466.0000
08600101242	Wood window,casement,2 leaf,50"x 50",avg	1.0000 Ea	1.3330	560.0000
08600101244	Wood window,casement,2 leaf,50"x 50",max	1.0000 Ea	2.0000	606.0000
08600101400	Wood window,picture (fixed),54"x 54",min	1.0000 Ea	1.0000	350.0000
08600101422	Wood window,picture (fixed),54"x 54",avg	1.0000 Ea	1.1430	437.0000
08600101424	Wood window,picture (fixed),54"x 54",max	1.0000 Ea	1.3330	595.0000
08600101520	Wood window,sliding,40"x 31",min	1.0000 Ea	0.8000	163.0000
08600101522	Wood window,sliding,40"x 31",avg	1.0000 Ea	1.0000	257.0000
08600101524	Wood window,sliding,40"x 31",max	1.0000 Ea	1.3330	303.0000

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08600101800	Wood window,awning,34"x 21",min	1.0000 Ea	0.8000	173.0000
08600101822	Wood window,awning,34"x 21",avg	1.0000 Ea	1.0000	198.0000
08600101824	Wood window,awning,34"x 21",max	1.0000 Ea	1.3330	245.0000
08600101860	Wood window,awning,40"x 21",min	1.0000 Ea	0.8890	204.0000
08600101862	Wood window,awning,40"x 21",avg	1.0000 Ea	1.1430	222.0000
08600101864	Wood window,awning,40"x 21",max	1.0000 Ea	1.6000	268.0000
08710101250	Hinges,3 x 3 butts,steel,interior,plain bearing	1.0000 Pr	0.0000	0.0000
08710101260	Hinges,4 x 4 butts,steel,standard	1.0000 Pr	0.0000	0.0000
08710101270	Hinges,5 x 4-1/2 butts,brnz/SS,h-duty,ball bearing	1.0000 Pr	0.0000	0.0000
08710201300	Latchset,heavy duty,cylindrical	1.0000 Ea	0.5000	90.5000
08710201320	Latchset,heavy duty,mortise	1.0000 Ea	0.8000	81.5000
08710201330	Lockset,heavy duty,cylindrical	1.0000 Ea	0.5000	113.0000
08710201350	Lockset,heavy duty,mortise	1.0000 Ea	0.8000	131.0000
08710302610	Door closer,parallel arm,standard	1.0000 Ea	1.0000	100.0000
08710302620	Door closer,parallel arm,heavy duty	1.0000 Ea	1.0000	111.0000
08710401600	Panic device,unlabeled rim	1.0000 Ea	2.0000	373.0000
08710401610	Panic device,unlabeled mortise,standard	1.0000 Ea	2.0000	472.0000
08710401620	Panic device,unlabeled mortise,vert rod	1.0000 Ea	2.0000	548.0000
08710401630	Panic device,labeled,standard	1.0000 Ea	2.0000	490.0000
08710401640	Panic device,labeled,mortise	1.0000 Ea	2.0000	589.0000
08710401650	Panic device,labeled,vertical rod	1.0000 Ea	2.0000	665.0000
08710402310	Kick plate,aluminum,10"x 28"	1.0000 Ea	0.4000	10.5000
08710402320	Kick plate,aluminum,10"x 30"	1.0000 Ea	0.4000	11.6500
08710402330	Kick plate,aluminum,10"x 34"	1.0000 Ea	0.4000	12.8500
08710402340	Kick plate,aluminum,10"x 38"	1.0000 Ea	0.4000	14.0000
08710402360	Push plate,0.05" thick,4"x 16", alum	1.0000 Ea	0.1600	3.5000
08710402371	Push plate,0.05" thick,4"x 16",bronze	1.0000 Ea	0.1600	7.0000
08710402380	Push plate,0.05" thick,4"x 16",St Steel	1.0000 Ea	0.1600	5.2500
08710600140	Weatherstrip,metal strip w/neoprene bulb,std	1.0000 Lf	0.0440	2.3000
08710600160	Weatherstrip,metal strip w/neoprene bulb,hd	1.0000 Lf	0.0500	3.0000
08710604510	Threshold,bronze	1.0000 Lf	0.2000	18.5000
08710604520	Threshold,aluminum,plain	1.0000 Lf	0.2000	6.9500
08710604525	Threshold,aluminum,vinyl insert	1.0000 Lf	0.2000	13.8500
08710604530	Threshold,aluminum,w/grit	1.0000 Lf	0.2000	12.1500
08710604535	Threshold,steel,plain	1.0000 Lf	0.2000	9.2500
08710604540	Threshold,steel,interlocking	1.0000 Lf	0.6670	14.4500
08810100800	Glazing,sheet glass,1/8" thick	1.0000 Sf	0.0440	4.3500
08810101020	Plate glass,bronze or grey,1 side,1/4" thick	1.0000 Sf	0.0730	6.4500
08810101040	Plate glass,1/4" thick,clear	1.0000 Sf	0.0730	4.9500
08810101060	Plate glass,1/4" thick,polished	1.0000 Sf	0.0730	5.5000
08810102000	Plexiglass,1/8" thick	1.0000 Sf	0.0730	1.7500
08810102020	Plexiglass,1/4" thick	1.0000 Sf	0.0440	3.4500
08810103010	Float glass,clear,3/16" thick	1.0000 Sf	0.0670	3.3500
08810103020	Float glass,clear,1/4" thick	1.0000 Sf	0.0730	4.3000
08810103030	Float glass,clear,5/16" thick	1.0000 Sf	0.0800	6.6000
08810103040	Float glass,clear,3/8" thick	1.0000 Sf	0.1000	7.7500
08810103120	Plate glass,polished,twin ground,3/16" thick	1.0000 Sf	0.0670	3.6000
08810103130	Plate glass,polished,twin ground,1/4" thick	1.0000 Sf	0.0730	4.5000
08810103140	Plate glass,polished,twin ground,3/8" thick	1.0000 Sf	0.1000	8.0000

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08810103150	Plate glass,polished,twin ground,1/2" thick	1.0000 Sf	0.1330	12.9500
08810106840	Insul glass,float,clear,1/2" thick	1.0000 Sf	0.1330	7.2000
08810106850	Insul glass,float,clear,5/8" thick	1.0000 Sf	0.1600	8.3000
08810106860	Insul glass,float,clear,3/4" thick	1.0000 Sf	0.2000	9.1500
08810106870	Insul glass,float,clear,7/8" thick	1.0000 Sf	0.2290	9.6000
08810106880	Insul glass,float,clear,1" thick	1.0000 Sf	0.2670	10.3000
08810107210	Mirror,plate,1/4" thick,15 Sf	1.0000 Sf	0.0800	7.3000
08810107220	Mirror,plate,1/4" thick,over 15 Sf	1.0000 Sf	0.0730	6.7000
08810108800	Wire glass,1/4" thick,clear	1.0000 Sf	0.2670	6.9500
08810108820	Wire glass,1/4" thick,hammered	1.0000 Sf	0.2670	8.1000
08810108840	Wire glass,1/4" thick,obscure	1.0000 Sf	0.2670	10.4000
09110100100	Metal stud,20 ga,2-1/2",12" oc	1.0000 Sf	0.0170	0.4800
09110100102	Metal stud,20 ga,2-1/2",16" oc	1.0000 Sf	0.0130	0.4100
09110100120	Metal stud,25 ga,2-1/2",12" oc	1.0000 Sf	0.0170	0.3500
09110100122	Metal stud,25 ga,2-1/2",16" oc	1.0000 Sf	0.0130	0.2500
09110100124	Metal stud,25 ga,2-1/2",24" oc	1.0000 Sf	0.0110	0.1900
09110100140	Metal stud,20 ga,3-5/8",12" oc	1.0000 Sf	0.0200	0.5100
09110100142	Metal stud,20 ga,3-5/8",16" oc	1.0000 Sf	0.0160	0.4800
09110100144	Metal stud,20 ga,3-5/8",24" oc	1.0000 Sf	0.0130	0.4300
09110100180	Metal stud,25 ga,3-5/8",12" oc	1.0000 Sf	0.0200	0.3100
09110100182	Metal stud,25 ga,3-5/8",16" oc	1.0000 Sf	0.0160	0.2600
09110100184	Metal stud,25 ga,3-5/8",24" oc	1.0000 Sf	0.0130	0.2400
09110100190	Metal stud,20 ga,4",12" oc	1.0000 Sf	0.0200	0.6700
09110100192	Metal stud,20 ga,4",16" oc	1.0000 Sf	0.0160	0.5700
09110100194	Metal stud,20 ga,4",24" oc	1.0000 Sf	0.0130	0.4800
09110100200	Metal stud,25 ga,4",12" oc	1.0000 Sf	0.0200	0.3600
09110100202	Metal stud,25 ga,4",16" oc	1.0000 Sf	0.0160	0.3400
09110100204	Metal stud,25 ga,4",24" oc	1.0000 Sf	0.0130	0.2800
09110100220	Metal stud,20 ga,6",12" oc	1.0000 Sf	0.0250	0.8100
09110100222	Metal stud,20 ga,6",16" oc	1.0000 Sf	0.0200	0.6900
09110100224	Metal stud,20 ga,6",24" oc	1.0000 Sf	0.0170	0.5700
09110100240	Metal stud,25 ga,6",2" oc	1.0000 Sf	0.0250	0.4500
09110100242	Metal stud,25 ga,6",16" oc	1.0000 Sf	0.0200	0.4100
09110100244	Metal stud,25 ga,6",24" oc	1.0000 Sf	0.0170	0.3600
09110101000	Metal stud,ld bear,16 ga,galv,3-5/8",12" oc	1.0000 Sf	0.0200	1.3500
09110101020	Metal stud,ld bear,16 ga,galv,3-5/8",16" oc	1.0000 Sf	0.0160	1.2500
09110101130	Metal stud,ld bear,18 ga,galv,3-5/8",12" oc	1.0000 Sf	0.0130	1.1500
09110101140	Metal stud,ld bear,18 ga,galv,3-5/8",16" oc	1.0000 Sf	0.0160	1.0500
09110101150	Metal stud,ld bear,18 ga,galv,4",12" oc	1.0000 Sf	0.0200	1.5000
09110101160	Metal stud,ld bear,18 ga,galv,4",16" oc	1.0000 Sf	0.0160	1.2000
09110102000	Metal stud,ld bear,18 ga,galv,6",12" oc	1.0000 Sf	0.0250	1.6000
09110102001	Metal stud,ld bear,18 ga,galv,6",16" oc	1.0000 Sf	0.0200	1.5000
09110103130	Furring,on walls,3/4" channel	1.0000 Sf	0.0310	0.3200
09110103140	Furring,on walls,1-1/2" channel	1.0000 Sf	0.0320	0.5200
09110103170	Furring,on beams & columns,7/8" channel	1.0000 Lf	0.0530	0.3100
09110103180	Furring,on beams & columns,1-5/8" channel	1.0000 Lf	0.0530	0.5200
09110104480	Furring,on ceilings,3/4" channel,12" oc	1.0000 Sf	0.0570	0.3500
09110104490	Furring,on ceilings,3/4" channel,16" oc	1.0000 Sf	0.0530	0.2900
09110104500	Furring,on ceilings,1-1/2" channel,24" oc	1.0000 Sf	0.0440	0.2500

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09205101090	Gypsum lath,plain,1/2" thick,clipped	1.0000 Sy	0.0440	4.4000
09205101110	Gypsum lath,plain,1/2" thick,nailed	1.0000 Sy	0.0500	4.0500
09205202240	Stucco lath,1.8 lb	1.0000 Sy	0.1000	2.9000
09205202300	Stucco lath,3.6 lb	1.0000 Sy	0.1000	3.3000
09205202320	Stucco lath,paper backed,min	1.0000 Sy	0.0800	3.4000
09205202400	Stucco lath,paper backed,max	1.0000 Sy	0.1140	3.8500
09210101000	Gypsum plaster,trowel finish,2 coats,ceilings	1.0000 Sy	0.1900	3.6500
09210101020	Gypsum plaster,trowel finish,2 coats,walls	1.0000 Sy	0.1780	3.6500
09210101040	Gypsum plaster,trowel finish,3 coats,ceilings	1.0000 Sy	0.2670	5.0500
09210101060	Gypsum plaster,trowel finish,3 coats,walls	1.0000 Sy	0.2290	5.0500
09220103000	Stucco,portland,3 coats,1" thick,sand finish	1.0000 Sy	0.3480	3.8000
09220103020	Stucco,portland,3 coats,1" thick,trowel finish	1.0000 Sy	0.3640	3.8000
09220103040	Stucco,white cem,3 coats,1" thick,sand finish	1.0000 Sy	0.3640	4.3500
09220103060	Stucco,white cem,3 coats,1" thick,trowel finish	1.0000 Sy	0.4000	4.3500
09220104000	Scratch coat,for ceramic tile	1.0000 Sy	0.0800	1.3500
09220104020	Scratch coat,for quarry tile	1.0000 Sy	0.0800	1.3500
09220105020	Plaster,portland cement,2 coats,1/2" thick	1.0000 Sf	0.0180	0.2600
09220105040	Plaster,portland cement,2 coats,7/8" thick	1.0000 Sf	0.0230	0.3600
09250100100	Drywall,3/8" thick,clipped,ceilings	1.0000 Sf	0.0090	0.2500
09250100120	Drywall,3/8" thick,clipped,columns & beams	1.0000 Sf	0.0200	0.2500
09250100140	Drywall,3/8" thick,clipped,walls	1.0000 Sf	0.0080	0.2500
09250100160	Drywall,3/8" thick,nailed,ceilings	1.0000 Sf	0.0080	0.2500
09250100180	Drywall,3/8" thick,nailed,columns & beams	1.0000 Sf	0.0180	0.2500
09250100190	Drywall,3/8" thick,nailed, walls	1.0000 Sf	0.0070	0.2500
09250100240	Drywall,1/2" thick,clipped,ceilings	1.0000 Sf	0.0090	0.3100
09250100260	Drywall,1/2" thick,clipped,columns & beams	1.0000 Sf	0.0200	0.3100
09250100270	Drywall,1/2" thick,clipped,walls	1.0000 Sf	0.0080	0.3100
09250100290	Drywall,1/2" thick,nailed,ceilings	1.0000 Sf	0.0080	0.3100
09250100300	Drywall,1/2" thick,nailed,columns & beams	1.0000 Sf	0.0180	0.3100
09250100400	Drywall,1/2" thick,nailed,walls	1.0000 Sf	0.0070	0.3100
09250101020	Drywall,5/8" thick,clipped,ceilings	1.0000 Sf	0.0100	0.3400
09250101040	Drywall,5/8" thick,clipped,columns & beams	1.0000 Sf	0.0220	0.3400
09250101060	Drywall,5/8" thick,clipped,walls	1.0000 Sf	0.0090	0.3400
09250101080	Drywall,5/8" thick,nailed,ceilings	1.0000 Sf	0.0100	0.3400
09250101100	Drywall,5/8" thick,nailed,columns & beams	1.0000 Sf	0.0220	0.3400
09250101120	Drywall,5/8" thick,nailed, walls	1.0000 Sf	0.0090	0.3400
09250101220	Taping & finishing drywall	1.0000 Sf	0.0050	0.0300
09310101000	Glazed wall tile,4-1/4"x 4-1/4",minimum	1.0000 Sf	0.0570	1.5000
09310101020	Glazed wall tile,4-1/4"x 4-1/4",average	1.0000 Sf	0.0670	2.3500
09310101040	Glazed wall tile,4-1/4"x 4-1/4",maximum	1.0000 Sf	0.0800	6.1500
09310106140	Unglazed tile,cement bed,face mount,1 x 1	1.0000 Sf	0.0730	4.5500
09310106160	Unglazed tile,cement bed,face mount,1 x 2	1.0000 Sf	0.0700	7.3000
09310106180	Unglazed tile,cement bed,face mount,2 x 2	1.0000 Sf	0.0670	4.8000
09310106220	Unglazed tile,adhesive,white grout,1 x 1	1.0000 Sf	0.0730	4.0500
09310106240	Unglazed tile,adhesive,white grout,1 x 2	1.0000 Sf	0.0700	4.1500
09310106260	Unglazed tile,adhesive,white grout,2 x 2	1.0000 Sf	0.0670	4.2000
09310106320	Unglazed tile,organic adhesive,1 x 1	1.0000 Sf	0.0730	4.5000
09310106340	Unglazed tile,organic adhesive,1 x 2	1.0000 Sf	0.0700	4.6000
09310106350	Unglazed tile,organic adhesive,2 x 2	1.0000 Sf	0.0670	4.8000

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09310106450	Tile,organic adhesive,cushion edge,2 x 2,min	1.0000 Sf	0.0620	1.6500
09310106452	Tile,organic adhesive,cushion edge,2 x 2,avg	1.0000 Sf	0.0670	1.7500
09310106454	Tile,organic adhesive,cushion edge,2 x 2,max	1.0000 Sf	0.0730	2.2000
09310106520	Tile,organic adhesive,back mounted,1 x 2,min	1.0000 Sf	0.0670	1.5000
09310106522	Tile,organic adhesive,back mounted,1 x 2,avg	1.0000 Sf	0.0730	1.5500
09310106524	Tile,organic adhesive,back mounted,1 x 2,max	1.0000 Sf	0.0800	1.6500
09310106540	Tile,organic adhesive,back mounted,2 x 2,min	1.0000 Sf	0.0620	1.6500
09310106542	Tile,organic adhesive,back mounted,2 x 2,avg	1.0000 Sf	0.0670	1.7500
09310106544	Tile,organic adhesive,back mounted,2 x 2,max	1.0000 Sf	0.0730	2.2000
09330101080	Quarry tile,floor,4 x 4 x 1/2"	1.0000 Sf	0.1070	3.4000
09330101100	Quarry tile,floor,6 x 6 x 1/2"	1.0000 Sf	0.1000	3.4500
09330101120	Quarry tile,floor,6 x 6 x 3/4"	1.0000 Sf	0.1000	3.9500
09330101220	Quarry tile,wall,4 x 4 x 1/2"	1.0000 Sf	0.1600	3.0500
09330101240	Quarry tile,wall,6 x 6 x 3/4"	1.0000 Sf	0.1330	3.8000
09330101330	Quarry tile,cove base,5 x 6 x 1/2",straight top	1.0000 Lf	0.1330	2.9500
09330101340	Quarry tile,cove base,6 x 6 x 3/4",round top	1.0000 Lf	0.1330	3.1500
09330101360	Quarry tile,stair treads,6 x 6 x 3/4"	1.0000 Lf	0.2000	5.2500
09410101120	Terrazzo,bonded to conc,1-3/4",5/8 top,grey	1.0000 Sf	0.1140	2.6000
09410101140	Terrazzo,bonded to conc,1-3/4",5/8 top,white	1.0000 Sf	0.1140	2.8500
09410101220	Terrazzo,not bonded,3" thick,5/8 top,greys	1.0000 Sf	0.1330	3.1000
09410101240	Terrazzo,not bonded,3" thick,5/8 top,white	1.0000 Sf	0.1330	3.4500
09410101260	Monolithic terrazzo,3-1/2" base slab,5/8" top	1.0000 Sf	0.1000	2.2000
09410102120	Terrazzo,non slip,9 x 9 x 1" thick	1.0000 Sf	0.1140	9.7500
09410102140	Terrazzo,non slip,12 x 12,1" thick	1.0000 Sf	0.1070	10.7000
09410102160	Terrazzo,non slip,12 x 12,1-1/2" thick	1.0000 Sf	0.1140	11.1500
09410102180	Terrazzo,non slip,18 x 18,1-1/2" thick	1.0000 Sf	0.1140	14.5000
09410102200	Terrazzo,non slip,24 x 24,1-1/2" thick	1.0000 Sf	0.0940	18.9000
09510101560	Acoustical ceiling,fiberglass,5/8" th,2'x 2'	1.0000 Sf	0.0090	0.5400
09510101580	Acoustical ceiling,fiberglass,5/8" th,2'x 4'	1.0000 Sf	0.0080	0.5400
09510101600	Acoustical ceiling,fiberglass,3/4" th,2'x 2'	1.0000 Sf	0.0090	0.7900
09510101620	Acoustical ceiling,fiberglass,3/4" th,2'x 4'	1.0000 Sf	0.0080	0.7900
09510101720	Acoustical ceiling,min fiber,5/8" th,2'x 2'	1.0000 Sf	0.0090	0.5900
09510101740	Acoustical ceiling,min fiber,5/8" th,2'x 4'	1.0000 Sf	0.0080	0.5900
09510101760	Acoustical ceiling,min fiber,3/4" th,2'x 2'	1.0000 Sf	0.0090	0.7400
09510101780	Acoustical ceiling,min fiber,3/4" th,2'x 4'	1.0000 Sf	0.0080	0.7400
09510103040	Acoustic tile,12 x 12,5/8" thick	1.0000 Sf	0.0150	0.3300
09510103060	Acoustic tile,12 x 12,3/4" thick	1.0000 Sf	0.0180	0.3500
09510105510	Ceiling suspension system,T-bar,2'x 4'	1.0000 Sf	0.0080	1.2500
09510105520	Ceiling suspension system,T-bar,2'x 2'	1.0000 Sf	0.0090	1.4500
09510105530	Concealed Z-bar suspension system,12" module	1.0000 Sf	0.0130	1.2500
09550101020	Wood flooring,fir strip,C & better,vert grain	1.0000 Sf	0.0270	2.0000
09550101040	Wood flooring,fir strip,C & better,flat grain	1.0000 Sf	0.0270	1.9000
09550101080	Wood flooring,oak strip,minimum	1.0000 Sf	0.0380	2.4500
09550101100	Wood flooring,oak strip,average	1.0000 Sf	0.0380	2.9000
09550101120	Wood flooring,oak strip,maximum	1.0000 Sf	0.0380	3.4500
09550101240	Wood flooring,maple strip,25/32 x 2-1/4,min	1.0000 Sf	0.0380	2.3500
09550101260	Wood flooring,maple strip,25/32 x 2-1/4,max	1.0000 Sf	0.0380	2.9500
09550102520	Wood parquet,5/16",white oak,prefinished	1.0000 Sf	0.0400	5.6000
09550102540	Wood parquet,5/16",white oak,unfinished	1.0000 Sf	0.0400	1.8500

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09550103000	Gym,floor,w/felt,25/32" maple,finished	1.0000 Sf	0.0440	4.6000
09550103020	Gym floor over wood sleepers	1.0000 Sf	0.0500	5.1000
09550109020	Floor finishing,sand,fill,shellac and wax	1.0000 Sf	0.0200	0.4100
09550109100	Floor refinish,sand,seal,2 coats of poly	1.0000 Sf	0.0270	0.7100
09550109540	Clean and wax floors	1.0000 Sf	0.0040	0.1200
09630101040	Clay brick,9 x 4-1/2 x 3",glazed	1.0000 Sf	0.0670	4.8000
09630101060	Clay brick,9 x 4-1/2 x 3",unglazed	1.0000 Sf	0.0670	4.7500
09630101080	Clay brick,8 x 4 x 3/4" thick,glazed	1.0000 Sf	0.0700	4.7500
09630101100	Clay brick,8 x 4 x 3/4" thick,unglazed	1.0000 Sf	0.0700	4.7000
09660101040	Vinyl tile,solid,1/8" thick,12 x 12,marble	1.0000 Sf	0.0200	1.8500
09660101060	Vinyl tile,solid,1/8" thick,12 x 12,color	1.0000 Sf	0.0200	1.9000
09660101080	Vinyl tile,solid,1/8" thick,12 x 12,travertine	1.0000 Sf	0.0200	2.3000
09660102040	Conductive tile,vinyl,1/8" thick,12 x 12	1.0000 Sf	0.0230	3.4500
09665101000	Vinyl sheet flooring,minimum	1.0000 Sf	0.0080	2.1000
09665101002	Vinyl sheet flooring,average	1.0000 Sf	0.0100	2.6000
09665101004	Vinyl sheet flooring,maximum	1.0000 Sf	0.0130	4.6000
09665101020	Vinyl cove molding,6" high	1.0000 Lf	0.0160	0.5800
09682101000	Padding,foam rubber,waffle type,0.3" thick	1.0000 Sy	0.0000	0.0000
09682101020	Carpet pad,jute,minimum	1.0000 Sy	0.0360	2.6500
09682101022	Carpet pad,jute,average	1.0000 Sy	0.0400	3.2000
09682101024	Carpet pad,jute,maximum	1.0000 Sy	0.0440	3.9500
09682101040	Carpet pad,sponge rubber,minimum	1.0000 Sy	0.0360	3.3000
09682101042	Carpet pad,sponge rubber,average	1.0000 Sy	0.0400	3.5000
09682101044	Carpet pad,sponge rubber,maximum	1.0000 Sy	0.0440	3.7500
09682101060	Carpet pad,urethane,3/8",minimum	1.0000 Sy	0.0360	2.1000
09682101062	Carpet pad,urethane,3/8",average	1.0000 Sy	0.0400	2.4000
09682101064	Carpet pad,urethane,3/8",maximum	1.0000 Sy	0.0440	2.6500
09685101000	Carpet,acrylic,28 oz,medium	1.0000 Sy	0.0440	17.3500
09685101020	Carpet,acrylic,28 oz,heavy	1.0000 Sy	0.0440	21.9500
09685102020	Carpet,nylon,residential,15 oz,light traffic	1.0000 Sy	0.0440	12.4500
09685102040	Carpet,nylon,residential,15 oz,heavy traffic	1.0000 Sy	0.0440	14.9500
09685102120	Commercial carpet,nylon,28 oz, medium	1.0000 Sy	0.0440	15.9500
09685102140	Commercial carpet,nylon,32 oz,heavy	1.0000 Sy	0.0440	19.0500
09685102150	Commercial carpet,wool,30 oz,medium	1.0000 Sy	0.0440	26.0000
09685102160	Commercial carpet,wool,36 oz,medium	1.0000 Sy	0.0440	27.4000
09685102180	Commercial carpet,wool,42 oz,heavy	1.0000 Sy	0.0440	29.9000
09685103020	Carpet tile,foam back,needle punch	1.0000 Sf	0.0080	2.3000
09685103040	Carpet tile,foam back,tufted	1.0000 Sf	0.0080	2.5500
09685109000	Clean and vacuum carpet,minimum	1.0000 Sy	0.0040	0.1800
09685109020	Clean and vacuum carpet,average	1.0000 Sy	0.0050	0.2900
09685109040	Clean and vacuum carpet,maximum	1.0000 Sy	0.0080	0.3500
09700101040	Epoxy flooring,colored quartz chips in 1/4" base	1.0000 Sf	0.0440	6.3500
09700101060	Heavy duty epoxy topping,3/16" thick	1.0000 Sf	0.0440	5.5000
09700101090	Epoxy terrazzo,1/4",chemical resistant	1.0000 Sf	0.0500	6.7000
09910101140	Paint exterior door & frame	1.0000 Ea	1.3330	3.0500
09910101160	Paint exterior window	1.0000 Sf	0.0200	0.0600
09910101180	Paint exterior wood trim	1.0000 Sf	0.0200	0.1400
09910101200	Paint exterior wood siding	1.0000 Sf	0.0100	0.1400
09910101240	Paint hardboard,1 primer,2 paint	1.0000 Sf	0.0100	0.1400

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09910101280	Paint asbbestos cem,1 primer,2 paint	1.0000 Sf	0.0100	0.1700
09910101320	Paint metal,galv,1 primer,2 paint	1.0000 Sf	0.0090	0.1500
09910101400	Paint stucco,1 primer,2 paint	1.0000 Sf	0.0130	0.1500
09910101420	Paint masonry,1 filler,2 paint	1.0000 Sf	0.0100	0.1800
09910101460	Paint masonry,2 epoxy	1.0000 Sf	0.0130	0.2500
09910101470	Paint masonry,texture coat	1.0000 Sf	0.0080	0.2300
09910101520	Paint masonry,1 filler,1 paint	1.0000 Sf	0.0100	0.1400
09910101540	Paint masonry,1 filler,2 paint	1.0000 Sf	0.0130	0.2100
09910102240	Structural steel paint,1 coat,light framing	1.0000 Sf	0.0070	0.0800
09910102260	Structural steel paint,1 coat,heavy framing	1.0000 Sf	0.0040	0.0800
09910102440	Sandblasting,brush off blast	1.0000 Sf	0.0050	0.1200
09910102460	Sandblasting,commercial blast	1.0000 Sf	0.0130	0.2300
09910102480	Sandblasting near white metal blast	1.0000 Sf	0.0230	0.3300
09910102500	Sandblaasting,white metal blast	1.0000 Sf	0.0270	0.4400
09910103520	Paint pipe,1 primer,1 paint,4" D	1.0000 Lf	0.0100	0.0600
09910103540	Paint pipe,1 primer,1 paint,8" D	1.0000 Lf	0.0130	0.1400
09910103560	Paint pipe,1 primer,1 paint,12" D	1.0000 Lf	0.0200	0.2600
09910105010	Paint pipe rail,1 coat,1 rail	1.0000 Lf	0.0270	0.1200
09910105020	Paint pipe rail,1 coat,2 rails	1.0000 Lf	0.0160	0.0700
09910105030	Paint stair to 4' wide,incl rails,per riser	1.0000 Ea	0.1140	0.5300
09910105040	Paint cratings and frames	1.0000 Sf	0.0270	0.1200
09910105050	Paint ladders,metal	1.0000 Lf	0.0230	0.1400
09920101040	Paint concrete,1 primer,1 acrylic paint	1.0000 Sf	0.0100	0.0800
09920101060	Paint concrete,1 primer,2 acrylic paint	1.0000 Sf	0.0130	0.1200
09920102520	Paint plywood	1.0000 Sf	0.0040	0.0400
09920102525	Stain plywood	1.0000 Sf	0.0050	0.0600
09920102530	Paint wood	1.0000 Sf	0.0050	0.0600
09920102540	Stain wood	1.0000 Sf	0.0060	0.0700
09920102582	Paint metal,1 coat filler	1.0000 Sf	0.0050	0.1200
09920102584	Paint metal,1 primer,1 paint	1.0000 Sf	0.0100	0.1400
09920102586	Paint metal,1 primer,2 paint	1.0000 Sf	0.0130	0.1900
09920102630	Paint walls/ceiling,plaster or gypsum,1 paint	1.0000 Sf	0.0040	0.0700
09920102660	Paint walls/ceiling,plaster or gypsum,1 epoxy	1.0000 Sf	0.0050	0.0900
09920300100	Paint door,minimum	1.0000 Sf	0.0270	0.1200
09920300120	Paint door,average	1.0000 Sf	0.0400	0.1800
09920300200	Paint door,maximum	1.0000 Sf	0.0530	0.3000
09920401000	Paint cabinets,shelves,millwork,minimum	1.0000 Sf	0.0130	0.0900
09920401040	Paint cabinets,shelves,millwork,average	1.0000 Sf	0.0230	0.1200
09920401060	Paint cabinets,shelves,millwork,maximun	1.0000 Sf	0.0400	0.1400
09920601000	Paint window,minimum	1.0000 Sf	0.0160	0.0600
09920601020	Paint window,average	1.0000 Sf	0.0200	0.0700
09920601040	Paint window,maximum	1.0000 Sf	0.0320	0.0900
09955101000	Vinyl wall covering,medium duty	1.0000 Sf	0.0110	0.8500
09955101010	Vinyl wall covering,heavy duty	1.0000 Sf	0.0130	1.1000
09955101140	Cork wall covering,1 x 3,1/4" thick	1.0000 Sf	0.0200	1.2000
09955101160	Cork wall covering,1 x 3,1/2" thick	1.0000 Sf	0.0200	1.3500
09955101180	Cork wall covering,1 x 3,3/4" thick	1.0000 Sf	0.0200	1.5000
09955101220	Wall fabric,grass cloth,minimum	1.0000 Sf	0.0120	0.7000
09955101240	Wall fabric,grass cloth,average	1.0000 Sf	0.0130	0.8800

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09955101260	Wall fabric,glass cloth,maximum	1.0000 Sf	0.0160	2.7500
09980100120	Cleaning,light,wood	1.0000 Sf	0.0020	0.0300
09980100130	Cleaning,light,plaster	1.0000 Sf	0.0020	0.0300
09980100240	Painting prep,masonry or conc,unpainted	1.0000 Sf	0.0010	0.0300
09980100270	Painting prep,masonry or conc,painted	1.0000 Sf	0.0020	0.0300
09980100300	Painting prep,plaster,unpainted	1.0000 Sf	0.0010	0.0300
09980100320	Painting prep,plaster,painted	1.0000 Sf	0.0020	0.0300
09980100340	Painting prep,wood,unpainted	1.0000 Sf	0.0010	0.0300
09980100360	Painting prep,wood,painted	1.0000 Sf	0.0020	0.0300
09980150850	Paint,enamele,600 Sf/gallon	1.0000 Gal	0.0000	0.0000
09980151000	Paint,enamele,500 Sf/gallon	1.0000 Gal	0.0000	0.0000
09980151160	Paint,latex,400 Sf/gallon	1.0000 Gal	0.0000	0.0000
09980151180	Paint,aluminum,400 Sf/gallon	1.0000 Gal	0.0000	0.0000
09980151240	Primer,400 Sf/gallon	1.0000 Gal	0.0000	0.0000
09980151500	Sealer and varnish,400 Sf/gallon	1.0000 Gal	0.0000	0.0000
10210102000	Aluminum gable louvers	1.0000 SF	0.1330	9.8000
10210102020	Vent screen aluminum,4" wide,continuous	1.0000 LF	0.0270	2.6000
10210103060	Wall louver,alum,mill finish,under 2 Sf	1.0000 Sf	0.1000	20.2000
10210103080	Wall louver,alum,mill finish,2-4 Sf	1.0000 Sf	0.0890	17.3500
10210103090	Wall louver,alum,mill finish,5-10 Sf	1.0000 Sf	0.0890	16.4500
10210103120	Wall louver,galv steel,under 2 Sf	1.0000 Sf	0.1000	19.6500
10210103140	Wall louver,galv steel,2-4 Sf	1.0000 Sf	0.0890	13.8500
10210103160	Wall louver,galv steel,5-10 Sf	1.0000 Sf	0.0890	13.0000
10225100120	Door louver,1" thick,enameled steel,8 x 8	1.0000 Ea	0.1000	31.7000
10225100140	Door louver,1" thick,enameled steel,12 x 8	1.0000 Ea	0.1000	35.1000
10225100160	Door louver,1" thick,enameled steel,12 x 12	1.0000 Ea	0.1140	39.7000
10225100220	Door louver,1" thick,enameled steel,20 x 8	1.0000 Ea	0.1140	64.5000
10520101040	Fire exting,portable,water,2.5 Gal,galv,red	1.0000 Ea	0.5330	71.5000
10520101060	Fire exting,portable,water,2.5 gal,copper,red	1.0000 Ea	0.5330	81.0000
10520101220	Fire exting,portable,CO2,2.5 lb	1.0000 Ea	0.5330	37.9000
10520101240	Fire exting,portable,CO2,5 lb	1.0000 Ea	0.6150	79.0000
10520101260	Fire exting,portable,CO2,10 lb	1.0000 Ea	0.8000	114.0000
10520101610	Fire exting cabinets,enameled steel,8 x 12 x 27	1.0000 Ea	1.6000	114.0000
10520101620	Fire exting cabinets,enameled steel,8 x 16 x 38	1.0000 Ea	1.6000	146.0000
10550101800	Postal accessory,residential letter slot	1.0000 Ea	0.4000	62.0000
10550101810	Postal accessory,rural letter box	1.0000 Ea	1.0000	42.5000
10550101820	Postal accessory,apt,keyed,3.5 x 4.5 x 16	1.0000 Ea	0.2670	62.0000
10800101060	Bath accessory,grab bar,SS,1-1/2" D,24"	1.0000 Ea	0.4000	31.4000
10800101080	Bath accessory,grab bar,SS,1-1/2" D,36"	1.0000 Ea	0.4210	44.9000
10800101090	Bath accessory,grab bar,SS,1-1/2" D,42"	1.0000 Ea	0.4440	51.5000
10800101100	Bath accessory,grab bar,SS,1-1/2" D,48"	1.0000 Ea	0.4710	61.5000
10800101120	Bath accessory,grab bar,SS,1-1/2" D,52"	1.0000 Ea	0.5000	67.5000
10800101140	Bath accessory,grab bar,SS,1" D,12"	1.0000 Ea	0.3480	24.7000
10800101160	Bath accessory,grab bar,SS,1" D,18"	1.0000 Ea	0.3640	26.9000
10800101180	Bath accessory,grab bar,SS,1" D,24"	1.0000 Ea	0.4000	29.2000
10800101200	Bath accessory,grab bar,SS,1" D,30"	1.0000 Ea	0.4210	32.5000
10800101220	Bath accessory,grab bar,SS,1" D,36"	1.0000 Ea	0.4440	37.0000
10800101300	Commercial hand dryer,surface mounted,110 volt	1.0000 Ea	1.0000	280.0000
10800101320	Medicine cabinet,16 x 22,enamele,lighted	1.0000 Ea	0.3200	56.0000

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10800101340	Medicine cabinet,16 x 22, enamel,lighted,mirror	1.0000 Ea	0.5330	101.0000
10800101420	Mirror,1/4" plate glass,up to 10 Sf	1.0000 Sf	0.0800	5.4000
10800101440	Mirror,SS frame,18"x 24"	1.0000 Ea	0.2670	84.0000
10800101500	Mirror,SS frame,24"x 30"	1.0000 Ea	0.4000	112.0000
10800101530	Mirror,SS frame,24"x 60"	1.0000 Ea	0.8000	236.0000
10800101640	Mirror,SS frame,18"x 24",w/shelf	1.0000 Ea	0.3200	129.0000
10800101820	Sanitary napkin dispenser,SS,wall mounted	1.0000 Ea	0.5330	309.0000
10800101840	Shower rod,1" D,chrome	1.0000 Ea	0.4000	50.5000
10800101860	Shower rod,1" D,SS	1.0000 Ea	0.4000	48.8000
10800101920	Toilet tissue disp,SS,wall mounted,single	1.0000 Ea	0.2000	30.3000
10800101940	Toilet tissue disp,SS,wall mounted,double	1.0000 Ea	0.2290	47.1000
10800101950	Towel dispenser,SS,flush mounted	1.0000 Ea	0.4440	140.0000
10800101960	Towel dispenser,SS,surface	1.0000 Ea	0.4000	73.0000
10800101970	Combination towel dispenser & waste receptacle	1.0000 Ea	0.5330	275.0000
10800102020	Towel bar,SS,18" long	1.0000 Ea	0.3200	25.8000
10800102040	Towel bar,SS,24" long	1.0000 Ea	0.3640	30.3000
10800102060	Towel bar,SS,30" long	1.0000 Ea	0.4000	32.5000
10800102070	Towel bar,SS,36" long	1.0000 Ea	0.4440	35.9000
10800102080	Toothbrush and tumbler holder	1.0000 Ea	0.2670	21.9000
10800102100	Waste receptacle,SS,wall mounted	1.0000 Ea	0.6670	185.0000
11450100300	Garbage compactor,4 to 1 compaction	1.0000 Ea	2.0000	1100.0000
11450101320	Dishwasher,built-in,2 cycles	1.0000 Ea	4.0000	942.0000
11450101330	Dishwasher,built-in,4 cycles	1.0000 Ea	4.0000	1420.0000
11450101350	Garbage disposer	1.0000 Ea	2.6670	440.0000
11450101362	Ceiling type heater,residential	1.0000 Ea	2.6670	236.0000
11450101364	Wall type heater,residential	1.0000 Ea	2.6670	148.0000
11450101370	1500 watt,wall type heater,residential	1.0000 Ea	2.0000	167.0000
11450101374	3000 watt,wall type heater,residential	1.0000 Ea	2.6670	275.0000
11450101420	Range hood,vented,2 speed,30" wide	1.0000 Ea	2.6670	118.0000
11450101440	Range hood,vented,2 speed,42" wide	1.0000 Ea	2.6670	516.0000
11450101480	Ice maker,automatic,30 Lb/day	1.0000 Ea	1.1430	752.0000
11450101500	Ice maker,automatic,50 Lb/day	1.0000 Ea	4.0000	1590.0000
11450101840	Folding stair,metal,24"x 48",8' long	1.0000 Ea	1.1430	1260.0000
11450101850	Folding stair,metal,24"x 48",11' long	1.0000 Ea	1.1430	1340.0000
11450101860	Folding stair,metal,24"x 48",12' long	1.0000 Ea	1.1430	1340.0000
11450101870	Folding stair,metal,24"x 54",10' long	1.0000 Ea	1.1430	1370.0000
11450101900	Folding stair,metal,24"x 54",11' long	1.0000 Ea	1.1430	1390.0000
11450101920	Folding stair,metal,28"x 54",10' long	1.0000 Ea	1.1430	1510.0000
11450101930	Folding stair,metal,28"x 54",11' long	1.0000 Ea	1.1430	1520.0000
11450101950	Folding stair,wood,22"x 54",8'-9' long	1.0000 Ea	0.8000	60.5000
11450101960	Folding stair,wood,25"x 54",10' long	1.0000 Ea	0.8000	63.5000
11450102030	Range,free standing,21",1 oven	1.0000 Ea	2.6670	600.0000
11450102040	Range,built-in,30" wide,1 oven	1.0000 Ea	2.6670	800.0000
11450102050	Range,built-in,30" wide,2 oven	1.0000 Ea	2.6670	1200.0000
11450102060	Counter top range,4 burner,standard	1.0000 Ea	2.0000	752.0000
11450102070	Counter top range w/grill,4 burner	1.0000 Ea	2.0000	1590.0000
11450102200	Range,free standing,30" wide,1 oven	1.0000 Ea	1.6000	870.0000
11450102220	Range,free standing,30" wide,2 oven	1.0000 Ea	1.6000	2500.0000
11450103620	Water softener,30 Grains/gallon	1.0000 Ea	2.6670	1090.0000

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11450103640	Water softener,70 Grains/gallon	1.0000 Ea	4.0000	1500.0000
11470100620	Photo equipment,dryer,36"x 25"x 68"	1.0000 Ea	4.0000	7350.0000
11470100640	Photo equipment,dryer,48"x 25"x 68"	1.0000 Ea	4.0000	7800.0000
11470101040	Photo equipment,5" sink/stand,24"x 48"	1.0000 Ea	2.0000	722.0000
11470101060	Photo equipment,5" sink/stand,32"x 64"	1.0000 Ea	2.6670	895.0000
11470101220	Photo equipment,5" sink/cabinet,24"x 48"	1.0000 Ea	2.0000	1440.0000
11470101240	Photo equipment,5" sink/cabinet,32"x 64"	1.0000 Ea	2.6670	1560.0000
11470101320	Photo equipment,10" sink/stand,24"x 48"	1.0000 Ea	2.0000	884.0000
11470101340	Photo equipment,10" sink/stand,32"x 64"	1.0000 Ea	2.6670	1030.0000
11470101420	Photo equipment,10" sink/cabinet,24"x 48"	1.0000 Ea	2.0000	1440.0000
11470101460	Photo equipment,10" sink/cabinet,38"x 52"	1.0000 Ea	2.6670	1720.0000
12302100100	Kitchen cabinet,base,24" deep,35 h x 12 w	1.0000 Ea	0.8000	108.0000
12302100120	Kitchen cabinet,base,24" deep,35 h, 18 w	1.0000 Ea	0.8000	132.0000
12302100140	Kitchen cabinet,base,24" deep,35 h, 24 w	1.0000 Ea	0.8890	144.0000
12302100160	Kitchen cabinet,base,24" deep,35 h,27 w	1.0000 Ea	0.8890	174.0000
12302100180	Kitchen cabinet,base,24" deep,35 h,36 w	1.0000 Ea	1.0000	196.0000
12302100200	Kitchen cabinet,base,24" deep,35 h,48 w	1.0000 Ea	1.0000	224.0000
12302100220	Kitchen corner cabinet,36" wide,base	1.0000 Ea	1.0000	151.0000
12302104020	Kitchen cabinet,wall,12" deep,12" h,30" w	1.0000 Ea	0.8000	86.0000
12302104060	Kitchen cabinet,wall,12" deep,12" h,36" w	1.0000 Ea	0.8000	91.0000
12302104080	Kitchen cabinet,wall,12" deep,15" h,30" w	1.0000 Ea	0.8890	91.0000
12302104100	Kitchen cabinet,wall,12" deep,15" h,36" w	1.0000 Ea	0.8890	98.5000
12302104120	Kitchen cabinet,wall,12" deep,24" h,30" w	1.0000 Ea	0.8890	108.0000
12302104140	Kitchen cabinet,wall,12" deep,24" h,36" w	1.0000 Ea	0.8890	132.0000
12302104160	Kitchen cabinet,wall,12" deep,30" h,12" w	1.0000 Ea	1.0000	82.5000
12302104180	Kitchen cabinet,wall,12" deep,30" h,18" w	1.0000 Ea	1.0000	94.0000
12302104200	Kitchen cabinet,wall,12" deep,30" h,24" w	1.0000 Ea	1.0000	101.0000
12302104300	Kitchen cabinet,wall,12" deep,30" h,27" w	1.0000 Ea	1.0000	120.0000
12302104320	Kitchen cabinet,wall,12" deep,30" h,30" w	1.0000 Ea	1.1430	135.0000
12302104340	Kitchen cabinet,wall,12" deep,30" h,36" w	1.0000 Ea	1.1430	142.0000
12302104360	Kitchen cabinet,corner wall,30" h,24" w	1.0000 Ea	1.3330	132.0000
12302104380	Kitchen cabinet,corner wall,30" h,30" w	1.0000 Ea	1.3330	159.0000
12302104390	Kitchen cabinet,corner wall,30" h,36" w	1.0000 Ea	1.3330	176.0000
12302105020	Wardrobe,residential,stock,wood	1.0000 Ea	2.0000	407.0000
12302107000	Vanity cabinet,w/top,lam plastic,24" w	1.0000 Ea	2.0000	252.0000
12302107020	Vanity cabinet,w/top,lam plastic,30" w	1.0000 Ea	2.0000	309.0000
12302107040	Vanity cabinet,w/top,lam plastic,36" w	1.0000 Ea	2.6670	337.0000
12302107060	Vanity cabinet,w/top,lam plastic,48" w	1.0000 Ea	3.2000	372.0000
12390101020	Counter top,with backsplash,stainless	1.0000 Sf	0.2000	66.0000
12390102000	Counter top,acid-proof,kemrock surface	1.0000 Sf	0.1330	17.6000
12500101080	Traverse drapery rod,50-90"	1.0000 Ea	0.4000	25.7000
12500101100	Traverse drapery rod,84-156"	1.0000 Ea	0.4440	39.5000
12500101180	Traverse drapery rod,w/stationary rod,30-50"	1.0000 Ea	0.4000	30.8000
12500101200	Traverse drapery rod,w/stationary rod,50-90"	1.0000 Ea	0.4000	37.1000
12500101280	Double traverse rod,30-50"	1.0000 Ea	0.4000	37.1000
12500101300	Double traverse rod,50-90"	1.0000 Ea	0.4000	49.7000
12510101000	Venetian blinds,2" slats	1.0000 Sf	0.0200	2.4000
12510101020	Venetian blinds,1" slats	1.0000 Sf	0.0200	4.7500
12690401020	Recessed entrance mat,3/8" thick,aluminum link	1.0000 Sf	0.4000	12.1000

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12690401040	Recessed entrance mat,3/8" thick,steel flex	1.0000 Sf	0.4000	6.4000
01	*** GENERAL REQUIREMENTS	1.0000	0.0000	0.0000
02	*** SITE WORK	1.0000	0.0000	0.0000
03	*** CONCRETE	1.0000	0.0000	0.0000
04	*** MASONRY	1.0000	0.0000	0.0000
05	*** METALS	1.0000	0.0000	0.0000
07	*** MOISTURE-THERMAL CONTROL	1.0000	0.0000	0.0000
08	*** DOORS,WINDOWS & GLASS	1.0000	0.0000	0.0000
09	*** FINISHES	1.0000	0.0000	0.0000
10	*** SPECIALTIES	1.0000	0.0000	0.0000
11	*** EQUIPMENT	1.0000	0.0000	0.0000
12	*** FURNISHINGS	1.0000	0.0000	0.0000
13	*** SPECIAL CONSTRUCTION	1.0000	0.0000	0.0000
14	*** CONVEYING SYSTEMS	1.0000	0.0000	0.0000
15	*** MECHANICAL	1.0000	0.0000	0.0000
16	*** ELECTRICAL	1.0000	0.0000	0.0000
15120100100	Backflow preventer,flanged,C1,w/valves,3" pipe	1.0000 Ea	4.0000	1560.0000
15120100120	Backflow preventer,flanged,C1,w/valves,4" pipe	1.0000 Ea	4.4440	2250.0000
15120100130	Backflow preventer,flanged,C1,w/valves,6" pipe	1.0000 Ea	6.6670	3640.0000
15260101120	Fiberglass insulation on 1" pipe,1" thick	1.0000 Lf	0.0270	1.3500
15260101140	Fiberglass insulation on 1" pipe,1-1/2" thick	1.0000 Lf	0.0330	2.5000
15260101160	Fiberglass insulation on 1" pipe,2" thick	1.0000 Lf	0.0400	3.4500
15260101340	Fiberglass insulation on 2" pipe,1" thick	1.0000 Lf	0.0330	1.7500
15260101360	Fiberglass insulation on 2" pipe,1-1/2" thick	1.0000 Lf	0.0360	3.1500
15260101380	Fiberglass insulation on 2" pipe,2" thick	1.0000 Lf	0.0400	4.7000
15260101400	Fiberglass insulation on 2" pipe,2-1/2" thick	1.0000 Lf	0.0440	5.2500
15260101420	Fiberglass insulation on 2" pipe,3-1/2" thick	1.0000 Lf	0.0500	8.5000
15260101780	Fiberglass insulation on 5" pipe,1" thick	1.0000 Lf	0.0380	3.3000
15260101800	Fiberglass insulation on 5" pipe,2" thick	1.0000 Lf	0.0400	7.1500
15260101820	Fiberglass insulation on 5" pipe,3" thick	1.0000 Lf	0.0470	10.4000
15260101840	Fiberglass insulation on 5" pipe,4" thick	1.0000 Lf	0.0620	13.2500
15280100100	Equip insul,2" thick,cellular glass	1.0000 Sf	0.0500	1.3500
15280100120	Equip insul,urethane,rigid,fld appl jacket,plaster	1.0000 Sf	0.1000	1.5000
15280100140	Equip insul,fiberglass,rigid,with vapor barrier	1.0000 Sf	0.0440	1.3500
15260901000	Insul protect saddle,1" covering,1/2" pipe	1.0000 Ea	0.3200	3.3000
15260901020	Insul protect saddle,1" covering,3/4" pipe	1.0000 Ea	0.3200	3.3000
15260901040	Insul protect saddle,1" covering,1" pipe	1.0000 Ea	0.3200	3.3000
15260901080	Insul protect saddle,1" covering,1-1/2" pipe	1.0000 Ea	0.3200	3.4500
15260901100	Insul protect saddle,1" covering,2" pipe	1.0000 Ea	0.3200	4.6000
15260901140	Insul protect saddle,1" covering,3" pipe	1.0000 Ea	0.3640	5.1500
15260901300	Insul protect saddle,1-1/2" covering,3" pipe	1.0000 Ea	0.3200	6.8000
15260901340	Insul protect saddle,1-1/2" covering,4" pipe	1.0000 Ea	0.4000	7.2500
15260901360	Insul protect saddle,1-1/2" covering,6" pipe	1.0000 Ea	0.5000	10.1000
15260901440	Insul protect saddle,2" covering,3/4" pipe	1.0000 Ea	0.3200	5.6000
15260901460	Insul protect saddle,2" covering,1" pipe	1.0000 Ea	0.3200	5.6000
15260901500	Insul protect saddle,2" covering,1-1/2" pipe	1.0000 Ea	0.3200	6.6500
15260901520	Insul protect saddle,2" covering,2" pipe	1.0000 Ea	0.3200	6.6500
15260901560	Insul protect saddle,2" covering,3" pipe	1.0000 Ea	0.3200	7.8500
15140100300	Hanger,3/4" pipe,clevis pipe hanger,black steel	1.0000 Ea	0.2670	1.7000

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15140100310	Hanger,3/4" pipe,clevis pipe hanger,galvanized	1.0000 Ea	0.2670	2.0000
15140100320	Hanger,3/4" pipe,U bolt	1.0000 Ea	0.0800	0.9400
15140100600	Hanger,1-1/2" pipe,clevis pipe hanger,black steel	1.0000 Ea	0.2670	2.2500
15140100610	Hanger,1-1/2" pipe,clevis pipe hanger,galvanized	1.0000 Ea	0.2670	2.6500
15140100630	Hanger,1-1/2" pipe,U bolt	1.0000 Ea	0.0800	1.1500
15140108230	C-clamp,steel,with lock nut,1/2"	1.0000 Ea	0.1000	1.4500
15140108240	C-clamp,steel,with lock nut,5/8"	1.0000 Ea	0.1000	2.2500
15140108250	C-clamp,steel,with lock nut,3/4"	1.0000 Ea	0.1000	2.8500
15140108500	Angle support,medium,welded steel,12"x 18"	1.0000 Ea	0.8000	64.5000
15140108510	Angle support,medium,welded steel,18"x 24"	1.0000 Ea	0.8000	77.5000
15140108520	Angle support,medium,welded steel,24"x 30"	1.0000 Ea	0.8000	102.0000
15100101020	Wall penetration,conc wall 6" thick,2" D	1.0000 Ea	0.2670	0.0000
15100101040	Wall penetration,conc wall 6" thick,4" D	1.0000 Ea	0.4000	0.0000
15140110010	A band,black iron,1/2"	1.0000 Ea	0.0570	0.4200
15140110030	A band,black iron,1"	1.0000 Ea	0.0590	0.5300
15140110050	A band,black iron,1-1/2"	1.0000 Ea	0.0670	0.6700
15140110060	A band,black iron,2"	1.0000 Ea	0.0730	0.7500
15140110140	A band,copper, 1/2"	1.0000 Ea	0.0570	0.4800
15140110150	A band,copper, 3/4"	1.0000 Ea	0.0590	0.4800
15140110160	A band,copper,1"	1.0000 Ea	0.0590	0.5100
15140110180	A band,copper,1-1/2"	1.0000 Ea	0.0670	0.6200
15140110190	A band,copper,2"	1.0000 Ea	0.0730	0.7300
15140110520	Auto grip hangers,galvanized,1/2"	1.0000 Ea	0.0570	0.5500
15140110530	Auto grip hangers,galvanized,3/4"	1.0000 Ea	0.0620	0.5500
15140110540	Auto grip hangers,galvanized,1"	1.0000 Ea	0.0640	0.5500
15140110560	Auto grip hangers,galvanized,1-1/2"	1.0000 Ea	0.0700	0.6200
15140110570	Auto grip hangers,galvanized,2"	1.0000 Ea	0.0730	0.6500
15140110720	Split rings (F&M),galvanized,3/8"	1.0000 Ea	0.0570	1.2000
15140110730	Split rings (F&M),galvanized,1/2"	1.0000 Ea	0.0620	1.4500
15140110740	Split rings (F&M),galvanized,3/4"	1.0000 Ea	0.0640	1.6000
15140110750	Split rings (F&M),galvanized,1"	1.0000 Ea	0.0670	1.9500
15140110770	Split rings (F&M),galvanized,1-1/2"	1.0000 Ea	0.0730	2.4500
15140110780	Split rings (F&M),galvanized,2"	1.0000 Ea	0.0760	2.8500
15140111030	2 hole clips,galvanized,3/4"	1.0000 Ea	0.0530	0.1400
15140111040	2 hole clips,galvanized,1"	1.0000 Ea	0.0550	0.1700
15140111060	2 hole clips,galvanized,1-1/2"	1.0000 Ea	0.0590	0.2500
15140111070	2 hole clips,galvanized,2"	1.0000 Ea	0.0620	0.3300
15140111240	C-clamps,3/4"	1.0000 Ea	0.0800	1.0500
15140111270	Top beam clamp,1/2"	1.0000 Ea	0.0730	2.0500
15140111300	Side beam connector,1/2"	1.0000 Ea	0.0730	1.6000
15140111320	Hex nuts,heavy,1"	1.0000 Ea	0.0000	0.0000
15140111350	Heavy washers,1/2"	1.0000 Ea	0.0000	0.0000
15140111360	Heavy washers,5/8"	1.0000 Ea	0.0000	0.0000
15140111370	Heavy washers,3/4"	1.0000 Ea	0.0000	0.0000
15140111680	J-Hooks,1/2"	1.0000 Ea	0.0360	0.2400
15140111690	J-Hooks,3/4"	1.0000 Ea	0.0360	0.2500
15140111700	J-Hooks,1"	1.0000 Ea	0.0380	0.2600
15140111850	PVC coated hangers,galvanized,28 ga,1-1/2"x 12"	1.0000 Ea	0.0530	0.7000
15140111860	PVC coated hangers,galvanized,28 ga,2"x 12"	1.0000 Ea	0.0570	0.7800

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15140111870	PVC coated hangers,galvanized,28 ga,3"x 12"	1.0000 Ea	0.0620	0.8600
15140112150	Wire hook hangers,black wire,3/4"x 4"	1.0000 Ea	0.0420	0.2000
15140112160	Wire hook hangers,black wire,3/4"x 6"	1.0000 Ea	0.0440	0.2200
15140112170	Wire hook hangers,black wire,3/4"x 8"	1.0000 Ea	0.0470	0.2300
15140112200	Wire hook hangers,black wire,1"x 4"	1.0000 Ea	0.0440	0.2000
15140112210	Wire hook hangers,black wire,1"x 6"	1.0000 Ea	0.0470	0.2100
15140112220	Wire hook hangers,black wire,1"x 8"	1.0000 Ea	0.0500	0.2300
15140112230	Wire hook hangers,black wire,1"x 10"	1.0000 Ea	0.0530	0.3600
15410101000	Copper piping,type "K" copper,3/4"	1.0000 Lf	0.0270	2.3000
15410101020	Copper piping,type "K" copper,1"	1.0000 Lf	0.0290	3.1000
15410101180	Copper piping,type "K" copper,1-1/2"	1.0000 Lf	0.0330	4.9500
15410101240	Copper piping,type "K" copper,2"	1.0000 Lf	0.0360	7.5500
15410101280	Copper piping,type "K" copper,2-1/2"	1.0000 Lf	0.0400	10.8500
15410302000	PVC pipe,sch 40,1/2",90 deg ell	1.0000 Ea	0.1000	0.2500
15410302020	PVC pipe,sch 40,1/2",tee	1.0000 Ea	0.1140	0.3100
15410301000	PVC pipe,sch 40,1/2" pipe	1.0000 Lf	0.0330	0.6800
15410301020	PVC pipe,sch 40,3/4" pipe	1.0000 Lf	0.0360	0.8600
15410301040	PVC pipe,sch 40,1" pipe	1.0000 Lf	0.0400	1.2500
15410301060	PVC pipe,sch 40,1-1/4" pipe	1.0000 Lf	0.0440	1.3000
15410301080	PVC pipe,sch 40,1-1/2" pipe	1.0000 Lf	0.0500	1.4000
15410301100	PVC pipe,sch 40,2" pipe	1.0000 Lf	0.0570	1.8500
15410055000	CI Pipe,Abv Gr,no hub,1-1/2",1/4 bend	1.0000 Ea	0.2670	2.9500
15410065010	CI Pipe,Blw Gr,1-1/2",1/4 bend	1.0000 Ea	0.2290	2.9500
15410055060	CI Pipe,Abv Gr,no hub,1-1/2",1/8 bend	1.0000 Ea	0.2670	2.2000
15410065080	CI Pipe,Blw Gr,1-1/2",1/8 bend	1.0000 Ea	0.2290	2.2000
15410055100	CI Pipe,Abv Gr,no hub,1-1/2",sanitary tee	1.0000 Ea	0.4000	3.6500
15410055120	CI Pipe,Abv Gr,no hub,1-1/2",sanitary cross	1.0000 Ea	0.4000	4.8500
15410055200	CI Pipe,Abv Gr,no hub,1-1/2",wye	1.0000 Ea	0.4000	3.7500
15410065220	CI Pipe,Blw Gr,1-1/2",wye	1.0000 Ea	0.3200	3.7500
15410065260	CI Pipe,Blw Gr,1-1/2",wye & 1/8 bend	1.0000 Ea	0.2290	4.1500
15410051000	CI Pipe,Abv Gr,no hub,1-1/2" pipe	1.0000 Lf	0.0570	2.2500
15410061020	CI Pipe,Blw Gr,no hub,1-1/2" pipe	1.0000 Lf	0.0400	2.2500
15410055380	CI Pipe,Abv Gr,no hub,2",1/4 bend	1.0000 Ea	0.3200	2.9500
15410065390	CI Pipe,Blw Gr,2",1/4 bend	1.0000 Ea	0.2670	2.9500
15410065460	CI Pipe,Blw Gr,2",1/8 bend	1.0000 Ea	0.2670	2.2500
15410055440	CI Pipe,Abv Gr,no hub,2",1/8 bend	1.0000 Ea	0.3200	2.2500
15410055480	CI Pipe,Abv Gr,no hub,2",sanitary tee	1.0000 Ea	0.5330	4.0500
15410055500	CI Pipe,Abv Gr,no hub,2",sanitary cross	1.0000 Ea	0.5330	6.1000
15410055600	CI Pipe,Abv Gr,no hub,2",wye	1.0000 Ea	0.6670	4.0000
15410055640	CI Pipe,Abv Gr,no hub,2",double wye	1.0000 Ea	0.6670	5.5000
15410065660	CI Pipe,Blw Gr,2",double wye	1.0000 Ea	0.5000	5.5000
15410065690	CI Pipe,Blw Gr,2",wye & 1/8 bend	1.0000 Ea	0.4000	3.6500
15410055700	CI Pipe,Abv Gr,no hub,2",2x 1-1/2" wye & 1/8 bend	1.0000 Ea	0.5000	4.1500
15410065760	CI Pipe,Blw Gr,2",double wye & 1/8 bend	1.0000 Ea	0.5000	9.4000
15410051100	CI Pipe,Abv Gr,no hub,3" pipe	1.0000 Lf	0.0800	2.7000
15410056000	CI Pipe,Abv Gr,no hub,3",1/4 bend	1.0000 Ea	0.4000	3.8500
15410066020	CI Pipe,Blw Gr,3",1/4 bend	1.0000 Ea	0.3200	3.8500
15410056080	CI Pipe,Abv Gr,no hub,3",1/8 bend	1.0000 Ea	0.4000	3.2000
15410056120	CI Pipe,Abv Gr,no hub,3",sanitary tee	1.0000 Ea	0.5000	5.0500

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15410056140	CI Pipe,Abv Gr,no hub,3",3"x 2" sanitary tee	1.0000 Ea	0.5000	4.4000
15410056160	CI Pipe,Abv Gr,no hub,3",3"x 1-1/2" sanitary tee	1.0000 Ea	0.5000	4.3500
15410056180	CI Pipe,Abv Gr,no hub,3",sanitary cross	1.0000 Ea	0.6670	9.4000
15410056200	CI Pipe,Abv Gr,no hub,3",3"x 2" sanitary cross	1.0000 Ea	0.6670	1.3500
15410056320	CI Pipe,Abv Gr,no hub,3",3"x 2" wye	1.0000 Ea	0.6670	4.3000
15410056360	CI Pipe,Abv Gr,no hub,3",double wye	1.0000 Ea	0.6670	9.8500
15410056500	CI Pipe,Abv Gr,no hub,3",3x 1-1/2" wye & 1/8 bend	1.0000 Ea	0.5710	4.6500
15410056540	CI Pipe,Abv Gr,no hub,3",double wye & 1/8 bend	1.0000 Ea	0.6670	14.9000
15410056580	CI Pipe,Abv Gr,no hub,3",3x 2" dbl wye & 1/8 bend	1.0000 Ea	0.6670	10.9000
15410056600	CI Pipe,Abv Gr,no hub,3",3x 2" reducer	1.0000 Ea	0.3640	2.1500
15410056640	CI Pipe,Abv Gr,no hub,3",test tee,less 3" plug	1.0000 Ea	0.4000	5.9000
15410061120	CI Pipe,Blw Gr,no hub,3" pipe	1.0000 Lf	0.0500	2.7000
15410051200	CI Pipe,Abv Gr,no hub,4" pipe	1.0000 Lf	0.1330	3.5000
15410061220	CI Pipe,Blw Gr,no hub,4" pipe	1.0000 Lf	0.0670	3.5000
15410061320	CI Pipe,Blw Gr,no hub,6" pipe	1.0000 Lf	0.0730	6.1000
15430601010	Gate valve,125 lb,bronze,soldered,1"	1.0000 Ea	0.2670	14.2000
15430601030	Gate valve,125 lb,bronze,soldered,1-1/2"	1.0000 Ea	0.3200	24.6000
15430601040	Gate valve,125 lb,bronze,soldered,2"	1.0000 Ea	0.4000	34.8000
15430601300	Check valve,bronze,soldered,125 lb,1/2"	1.0000 Ea	0.2000	13.1500
15430601320	Check valve,bronze,soldered,125 lb,3/4"	1.0000 Ea	0.2000	16.8500
15430601330	Check valve,bronze,soldered,125 lb,1"	1.0000 Ea	0.2670	22.1500
15430601340	Check valve,bronze,soldered,125 lb,1-1/4"	1.0000 Ea	0.3200	31.1000
15430601350	Check valve,bronze,soldered,125 lb,1-1/2"	1.0000 Ea	0.3200	36.9000
15430601360	Check valve,bronze,soldered,125 lb,2"	1.0000 Ea	0.4000	54.0000
15430250010	Hose bib,1/2"	1.0000 Ea	0.2670	4.4500
15430250200	Hose bib,3/4"	1.0000 Ea	0.2670	4.7000
15430701030	Floor drain,cast iron,with cast iron top,2"	1.0000 Ea	0.6670	67.0000
15430701040	Floor drain,cast iron,with cast iron top,3"	1.0000 Ea	0.6670	67.0000
15430701050	Floor drain,cast iron,with cast iron top,4"	1.0000 Ea	0.6670	67.0000
15430701060	Floor drain,cast iron,with cast iron top,6"	1.0000 Ea	0.8000	162.0000
15430701100	Roof drain,cast iron,2"	1.0000 Ea	0.6670	196.0000
15430701110	Roof drain,cast iron,3"	1.0000 Ea	0.6670	196.0000
15430701120	Roof drain,cast iron,4"	1.0000 Ea	0.6670	196.0000
15430701130	Roof drain,cast iron,5"	1.0000 Ea	0.8000	231.0000
15430701140	Roof drain,cast iron,6"	1.0000 Ea	0.8000	231.0000
15430231000	Cleanout,wall,2"	1.0000 Ea	0.5330	51.0000
15430231020	Cleanout,wall,3"	1.0000 Ea	0.5330	57.0000
15430231040	Cleanout,wall,4"	1.0000 Ea	0.6670	76.0000
15430231060	Cleanout,floor,2"	1.0000 Ea	0.6670	76.5000
15430231080	Cleanout,floor,3"	1.0000 Ea	0.6670	81.5000
15430231100	Cleanout,floor,4"	1.0000 Ea	0.8000	108.0000
15430241020	Grease traps,CI,3" pipe,35 gpm,70 lb capacity	1.0000 Ea	8.0000	1810.0000
15430241040	Grease traps,CI,3" pipe,50 gpm,100 lb capacity	1.0000 Ea	10.0000	2190.0000
15440901000	Electric water cooler,floor mounted	1.0000 Ea	2.6670	319.0000
15440901020	Electric water cooler,wall mounted	1.0000 Ea	2.6670	336.0000
15440902000	Electric water cooler,wash fountain,wall mounted	1.0000 Ea	4.0000	693.0000
15440902020	Elec water cooler,wash fountain,floor supported	1.0000 Ea	8.0000	1320.0000
15440701000	Water heater,electric,6 gal	1.0000 Ea	1.3330	143.0000
15440701020	Water heater,electric,10 gal	1.0000 Ea	1.3330	145.0000

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15440701030	Water heater,electric,15 gal	1.0000 Ea	1.3330	170.0000
15440701040	Water heater,electric,20 gal	1.0000 Ea	1.6000	187.0000
15440701050	Water heater,electric,30 gal	1.0000 Ea	1.6000	195.0000
15440701060	Water heater,electric,40 gal	1.0000 Ea	1.6000	197.0000
15440701090	Water heater,electric,80 gal	1.0000 Ea	2.0000	374.0000
15440703000	Water heater,oil fired,20 gal	1.0000 Ea	4.0000	605.0000
15440703020	Water heater,oil fired,50 gal	1.0000 Ea	5.7140	935.0000
15410805890	Cast iron,1/2",reducing tee	1.0000 Ea	0.4000	5.3000
15410805885	Cast iron,1/2",tee	1.0000 Ea	0.4000	2.8000
15410805930	Cast iron,3/4",90 deg ell	1.0000 Ea	0.2670	2.2500
15410805940	Cast iron,3/4",45 deg ell	1.0000 Ea	0.2670	2.8000
15410805950	Cast iron,3/4",tee	1.0000 Ea	0.4000	3.5000
15410805960	Cast iron,3/4",reducing tee	1.0000 Ea	0.4000	4.6000
15410805990	Cast iron,1",90 deg ell	1.0000 Ea	0.3200	2.8000
15410806000	Cast iron,1",45 deg ell	1.0000 Ea	0.3200	2.9500
15410806010	Cast iron,1",tee	1.0000 Ea	0.4440	3.5000
15410806020	Cast iron,1",reducing tee	1.0000 Ea	0.4440	5.7000
15410806030	Cast iron,1-1/2",90 deg ell	1.0000 Ea	0.4000	5.4500
15410806040	Cast iron,1-1/2",45 deg ell	1.0000 Ea	0.4000	7.8000
15410806060	Cast iron,1-1/2",tee	1.0000 Ea	0.5710	7.9500
15410806070	Cast iron,1-1/2",reducing tee	1.0000 Ea	0.5710	10.7500
15410806120	Cast iron,3",90 deg ell	1.0000 Ea	1.0000	28.2000
15410806130	Cast iron,3",45 deg ell	1.0000 Ea	1.0000	32.3000
15410806140	Cast iron,3",tee	1.0000 Ea	1.6000	37.4000
15410806150	Cast iron,3",reducing tee	1.0000 Ea	1.6000	43.3000
15410806160	Cast iron,4",90 deg ell	1.0000 Ea	1.3330	50.5000
15410806170	Cast iron,4",45 deg ell	1.0000 Ea	1.3330	62.5000
15410806180	Cast iron,4",reducing tee	1.0000 Ea	2.0000	86.5000
15410806175	Cast iron,4",tee	1.0000 Ea	2.0000	72.0000
15410806260	Cast iron,6",45 deg ell	1.0000 Ea	1.3330	136.0000
15410806255	Cast iron,6",90 deg ell	1.0000 Ea	1.3330	118.0000
15410806300	Cast iron,6",tee	1.0000 Ea	2.0000	165.0000
15410806310	Cast iron,6",reducing tee	1.0000 Ea	2.0000	194.0000
15430601058	Gate valve,125 lb,bronze,threaded,1/4",125 lb	1.0000 Ea	0.3200	5.5000
15430601060	Gate valve,125 lb,bronze,threaded,1/2",125 lb	1.0000 Ea	0.3200	8.9000
15430600800	Gate valve,125 lb,bronze,soldered,1/2"	1.0000 Ea	0.2000	8.2500
15430601070	Gate valve,125 lb,bronze,threaded,1/2",150 lb	1.0000 Ea	0.3200	13.0500
15430601075	Gate valve,125 lb,bronze,threaded,1/2",300 lb	1.0000 Ea	0.3200	29.3000
15430601091	Gate valve,125 lb,bronze,threaded,1",125 lb	1.0000 Ea	0.3200	12.6500
15430601094	Gate valve,125 lb,bronze,threaded,1",150 lb	1.0000 Ea	0.3200	20.1000
15430601098	Gate valve,125 lb,bronze,threaded,1",300 lb	1.0000 Ea	0.4000	48.5000
15430601100	Gate valve,125 lb,bronze,threaded,1-1/2",125 lb	1.0000 Ea	0.4000	23.7000
15430601110	Gate valve,125 lb,bronze,threaded,1-1/2",150 lb	1.0000 Ea	0.4000	34.6000
15430601115	Gate valve,125 lb,bronze,threaded,1-1/2",300 lb	1.0000 Ea	0.4440	93.0000
15430601124	Gate valve,125 lb,cast iron,flanged,2",150 lb	1.0000 Ea	0.6670	183.0000
15430601126	Gate valve,125 lb,cast iron,flanged,2-1/2",125 lb	1.0000 Ea	0.6670	121.0000
15430601128	Gate valve,125 lb,cast iron,flanged,2-1/2",250 lb	1.0000 Ea	0.6670	343.0000
15430601127	Gate valve,125 lb,cast iron,flanged,2-1/2",150 lb	1.0000 Ea	0.6670	268.0000
15430601132	Gate valve,125 lb,cast iron,flanged,3",125 lb	1.0000 Ea	0.8000	143.0000

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15430601134	Gate valve,125 lb,cast iron,flanged,3",250 lb	1.0000 Ea	0.8000	419.0000
15430601133	Gate valve,125 lb,cast iron,flanged,3",150 lb	1.0000 Ea	0.8000	267.0000
15430601370	Check valve,bronze,threaded,1/2",125 lb	1.0000 Ea	0.2670	10.7000
15430601380	Check valve,bronze,threaded,1/2",150 lb	1.0000 Ea	0.2670	17.6000
15430601390	Check valve,bronze,threaded,1/2",200 lb	1.0000 Ea	0.2670	17.8500
15430601430	Check valve,bronze,threaded,1",125 lb	1.0000 Ea	0.4000	18.0500
15430601440	Check valve,bronze,threaded,1",150 lb	1.0000 Ea	0.4000	29.1000
15430601450	Check valve,bronze,threaded,1",200 lb	1.0000 Ea	0.4000	29.1000
15430608000	Pressure relief valve,1/2",bronze,low pressure	1.0000 Ea	0.3200	11.7500
15430608020	Pressure relief valve,1/2",bronze,high pressure	1.0000 Ea	0.3200	12.9500
15430608040	Pressure & temperature relief valve,bronze,3/4"	1.0000 Ea	0.3200	43.1000
15430608050	Pressure relief valve,CI,3/4",high pressure	1.0000 Ea	0.3200	24.7000
15430608060	Temp relief valve,CI,3/4",high pressure	1.0000 Ea	0.3200	32.0000
15430608070	Press & temp relief valve,CI,3/4",high pressure	1.0000 Ea	0.3200	32.0000
15430608120	Pres reducing valve,bronze,threaded,250 lb,1/2"	1.0000 Ea	0.5000	207.0000
15430608140	Pres reducing valve,bronze,threaded,250 lb,3/4"	1.0000 Ea	0.5000	207.0000
15430608200	Pressure reducing valve,bronze,threaded,250 lb,1"	1.0000 Ea	0.5000	238.0000
15430608210	Pres reducing valve,bronze,threaded,250 lb,1-1/4"	1.0000 Ea	0.5710	276.0000
15430608220	Pres reducing valve,bronze,threaded,250 lb,1-1/2"	1.0000 Ea	0.6670	311.0000
15430608230	Pressure regulating valve,bronze,class 300,1"	1.0000 Ea	0.5000	446.0000
15430608240	Pressure regulating valve,bronze,class 300,1-1/2"	1.0000 Ea	0.6150	583.0000
15430608250	Pressure regulating valve,bronze,class 300,2"	1.0000 Ea	0.8000	686.0000
15430608260	Pressure regulating valve,bronze,class 300,3"	1.0000 Ea	1.1430	755.0000
15430608270	Pressure regulating valve,bronze,class 300,4"	1.0000 Ea	1.6000	1010.0000
15430608280	Pressure regulating valve,bronze,class 300,5"	1.0000 Ea	2.0000	1410.0000
15430608290	Pressure regulating valve,bronze,class 300,6"	1.0000 Ea	2.6670	1420.0000
15430609270	Mixing valve,sweat connection,1/2"	1.0000 Ea	0.2860	25.2000
15430609500	Liquid level gauge,aluminum body,3/4"	1.0000 Ea	0.3200	205.0000
15430609510	Liquid level gauge,125 psi,pvc body,3/4"	1.0000 Ea	0.3200	205.0000
15430609560	Liquid level gauge,175 psi,bronze body,1/2"	1.0000 Ea	0.2860	327.0000
15430609530	Liquid level gauge,150 psi,crs body,3/4"	1.0000 Ea	0.3200	156.0000
15430609540	Liquid level gauge,150 psi,crs body,1"	1.0000 Ea	0.3200	177.0000
15410066100	CI Pipe,Blw Gr,3",1/8 bend	1.0000 Ea	0.3200	3.2000
15410066300	CI Pipe,Blw Gr,3",wye	1.0000 Ea	0.5000	4.2500
15410066340	CI Pipe,Blw Gr,3",3x 2" wye	1.0000 Ea	0.5000	4.3000
15410066520	CI Pipe,Blw Gr,3",wye & 1/8 bend	1.0000 Ea	0.5000	4.6000
15410066560	CI Pipe,Blw Gr,3",double wye & 1/8 bend	1.0000 Ea	0.5000	14.9000
15410066590	CI Pipe,Blw Gr,3",3x 2" double wye & 1/8 bend	1.0000 Ea	0.5000	10.9000
15410066840	CI Pipe,Blw Gr,4",1/4 bend	1.0000 Ea	0.3200	5.8000
15410066920	CI Pipe,Blw Gr,4",1/8 bend	1.0000 Ea	0.3200	4.2500
15410067140	CI Pipe,Blw Gr,4",wye	1.0000 Ea	0.5000	8.5000
15410067180	CI Pipe,Blw Gr,4",4x 3" wye	1.0000 Ea	0.5000	7.0500
15410067200	CI Pipe,Blw Gr,4",4x 2" wye	1.0000 Ea	0.5000	5.3500
15410067240	CI Pipe,Blw Gr,4",double wye	1.0000 Ea	0.6670	20.4000
15410067280	CI Pipe,Blw Gr,4",4x 3" double wye	1.0000 Ea	0.6670	12.9000
15410067300	CI Pipe,Blw Gr,4",4x 2" double wye	1.0000 Ea	0.6670	11.3500
15410067350	CI Pipe,Blw Gr,4",wye & 1/8 bend	1.0000 Ea	0.5000	12.2500
15410067370	CI Pipe,Blw Gr,4",4x 3" wye & 1/8 bend	1.0000 Ea	0.5000	8.4000
15410067390	CI Pipe,Blw Gr,4",4x 2" wye & 1/8 bend	1.0000 Ea	0.5000	6.5000

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15410067410	CI Pipe,Blw Gr,4",double wye & 1/8 bend	1.0000	Ea	0.6670	28.8000
15410106100	Copper piping,L tube,1/2"	1.0000	Lf	0.0250	1.0500
15410106190	Copper piping,L tube,3/4"	1.0000	Lf	0.0270	1.6000
15410106240	Copper piping,L tube,1"	1.0000	Lf	0.0290	2.3000
15410106360	Copper piping,L tube,1-1/2"	1.0000	Lf	0.0330	3.9500
15410106400	Copper piping,L tube,2"	1.0000	Lf	0.0360	6.2000
15430601000	Gate valve,125 lb,bronze,soldered,3/4"	1.0000	Ea	0.2000	11.1000
15410821890	Galv steel,couplings,straight,150 lb,MI,4"	1.0000	Ea	0.7270	18.3000
15410821930	Galv steel,couplings,reducing,150 lb,MI,1/2"	1.0000	Ea	0.1600	0.6300
15410821940	Galv steel,couplings,reducing,150 lb,MI,3/4"	1.0000	Ea	0.1780	0.7400
15410821950	Galv steel,couplings,reducing,150 lb,MI,1"	1.0000	Ea	0.2000	1.1500
15410821960	Galv steel,couplings,reducing,150 lb,MI,1-1/4"	1.0000	Ea	0.2290	1.5000
15410821970	Galv steel,couplings,reducing,150 lb,MI,1-1/2"	1.0000	Ea	0.2670	1.7500
15410821980	Galv steel,couplings,reducing,150 lb,MI,2"	1.0000	Ea	0.3200	2.5500
15410821990	Galv steel,couplings,reducing,150 lb,MI,2-1/2"	1.0000	Ea	0.5000	6.5500
15410822000	Galv steel,couplings,reducing,150 lb,MI,3"	1.0000	Ea	0.6670	10.3500
15410822010	Galv steel,couplings,reducing,150 lb,MI,4"	1.0000	Ea	0.7270	18.7500
15410822050	Galv steel,caps,150 lb,malleable iron,1/2"	1.0000	Ea	0.0800	0.4000
15410822060	Galv steel,caps,150 lb malleable iron,3/4"	1.0000	Ea	0.0840	0.5700
15410822070	Galv steel,caps,150 lb malleable iron,1"	1.0000	Ea	0.0890	0.6400
15410822080	Galv steel,caps,150 lb malleable iron,1-1/4"	1.0000	Ea	0.0940	0.9100
15410822090	Galv steel,caps,150 lb malleable iron,1-1/2"	1.0000	Ea	0.1000	1.1500
15410822100	Galv steel,caps,150 lb malleable iron,2"	1.0000	Ea	0.1140	1.5000
15410822120	Galv steel,caps,150 lb malleable iron,2-1/2"	1.0000	Ea	0.1450	4.3000
15410822130	Galv steel,caps,150 lb malleable iron,3"	1.0000	Ea	0.2000	5.6000
15410822180	Galv steel,unions,150 lb,malleable iron,1/2"	1.0000	Ea	0.2000	1.5500
15410822190	Galv steel,unions,150 lb malleable iron,3/4"	1.0000	Ea	0.2290	1.5500
15410822200	Galv steel,unions,150 lb malleable iron,1"	1.0000	Ea	0.2670	2.3000
15410822210	Galv steel,unions,150 lb malleable iron,1-1/4"	1.0000	Ea	0.3200	3.2500
15410822220	Galv steel,unions,150 lb malleable iron,1-1/2"	1.0000	Ea	0.4000	4.0500
15410822230	Galv steel,unions,150 lb malleable iron,2"	1.0000	Ea	0.4440	4.7000
15410822270	Galv steel,nipples,4" long,1/2"	1.0000	Ea	0.1000	0.3600
15410822280	Galv steel,nipples,4" long,3/4"	1.0000	Ea	0.1070	0.4500
15410822290	Galv steel,nipples,4" long,1"	1.0000	Ea	0.1140	0.6300
15410822300	Galv steel,nipples,4" long,1-1/4"	1.0000	Ea	0.1230	0.7800
15410822310	Galv steel,nipples,4" long,1-1/2"	1.0000	Ea	0.1330	0.9600
15410822320	Galv steel,nipples,4" long,2"	1.0000	Ea	0.1450	1.2000
15410822330	Galv steel,nipples,4" long,2-1/2"	1.0000	Ea	0.1600	3.1000
15410822340	Galv steel,nipples,4" long,3"	1.0000	Ea	0.2000	3.7000
15410822350	Galv steel,nipples,4" long,4"	1.0000	Ea	0.2670	4.4500
15410822370	Galv steel,90 deg reduc ell,150 lb,MI,3/4"x 1/2"	1.0000	Ea	0.1600	0.9100
15410822380	Galv steel,90 deg reduc ell,150 lb,MI,1"x 3/4"	1.0000	Ea	0.1780	1.1500
15410822400	Galv steel,90 deg reduc ell,150 lb,MI,1-1/4"x 1"	1.0000	Ea	0.2000	1.9500
15410822410	Galv steel,90 deg reduc ell,150 lb,MI,1-1/4"x 3/4"	1.0000	Ea	0.2290	2.1500
15410822420	Galv steel,90 deg reduc ell,150 lb,MI,1-1/4"x 1/2"	1.0000	Ea	0.2670	2.1500
15410821210	Galv steel,90 deg ell,150 lb,malleable iron,1/2"	1.0000	Ea	0.1600	0.3600
15410821220	Galv steel,90 deg ell,150 lb malleable iron,3/4"	1.0000	Ea	0.2000	0.4300
15410821230	Galv steel,90 deg ell,150 lb malleable iron,1"	1.0000	Ea	0.2110	0.8700
15410821240	Galv steel,90 deg ell,150 lb malleable iron,1-1/4"	1.0000	Ea	0.2350	1.3500

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15410821250	Galv steel,90 deg ell,150 lb malleable iron,1-1/2"	1.0000 Ea	0.2670	1.7500
15410821260	Galv steel,90 deg ell,150 lb malleable iron,2"	1.0000 Ea	0.3200	2.5500
15410821270	Galv steel,90 deg ell,150 lb malleable iron,2-1/2"	1.0000 Ea	0.5000	7.3000
15410821280	Galv steel,90 deg ell,150 lb malleable iron,3"	1.0000 Ea	0.6150	11.9500
15410821410	Galv steel,45 deg ell,150 lb malleable iron,1/2"	1.0000 Ea	0.1600	0.5600
15410821420	Galv steel,45 deg ell,150 lb malleable iron,3/4"	1.0000 Ea	0.2000	0.8000
15410821430	Galv steel,45 deg ell,150 lb malleable iron,1"	1.0000 Ea	0.2110	0.9200
15410821440	Galv steel,45 deg ell,150 lb malleable iron,1-1/4"	1.0000 Ea	0.2350	1.7000
15410821450	Galv steel,45 deg ell,150 lb malleable iron,1-1/2"	1.0000 Ea	0.2670	2.0500
15410821460	Galv steel,45 deg ell,150 lb malleable iron,2"	1.0000 Ea	0.3200	2.7000
15410821470	Galv steel,45 deg ell,150 lb malleable iron,2-1/2"	1.0000 Ea	0.5000	9.4000
15410821480	Galv steel,45 deg ell,150 lb malleable iron,3"	1.0000 Ea	0.6150	14.9000
15410821490	Galv steel,45 deg ell,150 lb malleable iron,4"	1.0000 Ea	0.8000	22.9500
15410821530	Galv steel,tees,straight,150 lb,MI,1/2"	1.0000 Ea	0.2000	0.4400
15410821540	Galv steel,tees,straight,150 lb,MI,3/4"	1.0000 Ea	0.2290	0.7600
15410821550	Galv steel,tees,straight,150 lb malleable iron,1"	1.0000 Ea	0.2670	1.3000
15410821570	Galv steel,tees,straight,150 lb,MI,1-1/2"	1.0000 Ea	0.4000	2.5500
15410821580	Galv steel,tees,straight,150 lb malleable iron,2"	1.0000 Ea	0.5000	3.6000
15410821590	Galv steel,tees,straight,150 lb,MI,2-1/2"	1.0000 Ea	0.6670	11.3000
15410821600	Galv steel,tees,straight,150 lb,MI,3"	1.0000 Ea	0.8000	12.9500
15410821610	Galv steel,tees,straight,150 lb,MI,4"	1.0000 Ea	1.0000	29.7000
15410821650	Galv steel,tees,reducing,out,150 lb,MI,1/2"	1.0000 Ea	0.2000	0.9500
15410821660	Galv steel,tees,reducing,out,150 lb,MI,3/4"	1.0000 Ea	0.2290	1.1000
15410821670	Galv steel,tees,reducing,out,150 lb,MI,1"	1.0000 Ea	0.2670	1.4500
15410821690	Galv steel,tees,reducing,out,150 lb,MI,1-1/2"	1.0000 Ea	0.4000	3.1500
15410821700	Galv steel,tees,reducing,out,150 lb,MI,2"	1.0000 Ea	0.5000	4.6000
15410821710	Galv steel,tees,reducing,out,150 lb,MI,2-1/2"	1.0000 Ea	0.6670	12.0500
15410821720	Galv steel,tees,reducing,out,150 lb,MI,3"	1.0000 Ea	0.8000	16.4000
15410821730	Galv steel,tees,reducing,out,150 lb,MI,4"	1.0000 Ea	1.0000	25.0000
15410821810	Galv steel,couplings,straight,150 lb,MI,1/2"	1.0000 Ea	0.1600	0.5400
15410821820	Galv steel,couplings,straight,150 lb,MI,3/4"	1.0000 Ea	0.1780	0.6300
15410821830	Galv steel,couplings,straight,150 lb,MI,1"	1.0000 Ea	0.2000	1.0000
15410821840	Galv steel,couplings,straight,150 lb,MI,1-1/4"	1.0000 Ea	0.2290	1.3500
15410821850	Galv steel,couplings,straight,150 lb,MI,1-1/2"	1.0000 Ea	0.2670	1.6000
15410821860	Galv steel,couplings,straight,150 lb,MI,2"	1.0000 Ea	0.3200	2.2500
15410821870	Galv steel,couplings,straight,150 lb,MI,2-1/2"	1.0000 Ea	0.5000	6.3500
15410821880	Galv steel,couplings,straight,150 lb,MI,3"	1.0000 Ea	0.6670	8.6000
15410821020	Galvanized steel,1/2" pipe	1.0000 Lf	0.0800	1.9500
15410821040	Galvanized steel,3/4" pipe	1.0000 Lf	0.1000	2.0500
15410821050	Galvanized steel,1" pipe	1.0000 Lf	0.1140	2.7500
15410821060	Galvanized steel,1-1/4" pipe	1.0000 Lf	0.1330	3.2500
15410821070	Galvanized steel,1-1/2" pipe	1.0000 Lf	0.1600	4.5000
15410821080	Galvanized steel,2" pipe	1.0000 Lf	0.2000	5.7000
15410821090	Galvanized steel,2-1/2" pipe	1.0000 Lf	0.2670	7.6000
15410821100	Galvanized steel,3" pipe	1.0000 Lf	0.2860	11.3000
15410821110	Galvanized steel,4" pipe	1.0000 Lf	0.3330	17.0500
15410821120	Galvanized steel,6" pipe	1.0000 Lf	0.6670	24.9500
15410302880	PVC pipe,sch 40,4",45 deg elbow	1.0000 Ea	0.8000	12.4000
15410302890	PVC pipe,sch 40,4",tee	1.0000 Ea	0.8890	14.2000

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15410302900	PVC pipe,sch 40,4",reducing insert	1.0000 Ea	0.8000	5.8000
15410302920	PVC pipe,sch 40,4",male adapter	1.0000 Ea	0.8000	5.1500
15410302930	PVC pipe,sch 40,4",coupling	1.0000 Ea	0.8000	4.3500
15410302940	PVC pipe,sch 40,4",union	1.0000 Ea	1.0000	28.3000
15410302950	PVC pipe,sch 40,4",cap	1.0000 Ea	0.8000	5.9500
15410302960	PVC pipe,sch 40,4",flange	1.0000 Ea	1.0000	15.3500
15410302925	PVC pipe,sch 40,4",female adapter	1.0000 Ea	0.8000	4.8500
15410302570	PVC pipe,sch 40,2",90 deg elbow	1.0000 Ea	0.2670	1.4500
15410302580	PVC pipe,sch 40,2",45 deg elbow	1.0000 Ea	0.2670	1.7000
15410302590	PVC pipe,sch 40,2",tee	1.0000 Ea	0.3200	1.8000
15410302600	PVC pipe,sch 40,2",reducing insert	1.0000 Ea	0.3200	1.1000
15410302620	PVC pipe,sch 40,2",male adapter	1.0000 Ea	0.3200	0.9400
15410302630	PVC pipe,sch 40,2",female adapter	1.0000 Ea	0.3200	0.9600
15410302640	PVC pipe,sch 40,2",coupling	1.0000 Ea	0.3200	0.8800
15410302650	PVC pipe,sch 40,2",union	1.0000 Ea	0.5000	12.5500
15410302660	PVC pipe,sch 40,2",cap	1.0000 Ea	0.3200	0.7500
15410302670	PVC pipe,sch 40,2",flange	1.0000 Ea	0.5000	7.1000
15410302240	PVC pipe,sch 40,1",90 deg elbow	1.0000 Ea	0.1600	0.5000
15410302250	PVC pipe,sch 40,1",45 deg elbow	1.0000 Ea	0.1600	0.7500
15410302260	PVC pipe,sch 40,1",tee	1.0000 Ea	0.1780	0.6500
15410302270	PVC pipe,sch 40,1",reducing insert	1.0000 Ea	0.1600	0.4700
15410302290	PVC pipe,sch 40,1",male adapter	1.0000 Ea	0.2000	0.4400
15410302300	PVC pipe,sch 40,1",female adapter	1.0000 Ea	0.2000	0.4000
15410302310	PVC pipe,sch 40,1",coupling	1.0000 Ea	0.2000	0.3700
15410302320	PVC pipe,sch 40,1",union	1.0000 Ea	0.2670	3.6000
15410302330	PVC pipe,sch 40,1",cap	1.0000 Ea	0.1600	0.4100
15410302340	PVC pipe,sch 40,1",flange	1.0000 Ea	0.2670	5.0500
15410302010	PVC pipe,sch 40,1/2",45 deg ell	1.0000 Ea	0.1000	0.4000
15410302040	PVC pipe,sch 40,1/2",reducing insert	1.0000 Ea	0.1330	0.2500
15410302050	PVC pipe,sch 40,1/2",reducing insert,threaded	1.0000 Ea	0.1000	0.6800
15410302060	PVC pipe,sch 40,1/2",male adapter	1.0000 Ea	0.1330	0.2200
15410302070	PVC pipe,sch 40,1/2",female adapter	1.0000 Ea	0.1000	0.2800
15410302080	PVC pipe,sch 40,1/2",coupling	1.0000 Ea	0.1000	0.1700
15410302090	PVC pipe,sch 40,1/2",union	1.0000 Ea	0.1600	2.8500
15410302100	PVC pipe,sch 40,1/2",cap	1.0000 Ea	0.1330	0.2300
15410302101	PVC pipe,sch 40,1/2",flange	1.0000 Ea	0.1600	4.2500
15410301110	PVC pipe,sch 40,2-1/2" pipe	1.0000 Lf	0.0670	3.3000
15410301120	PVC pipe,sch 40,3" pipe	1.0000 Lf	0.0800	3.7500
15410301130	PVC pipe,sch 40,4" pipe	1.0000 Lf	0.1000	5.2500
15430231042	Cleanout,wall,6"	1.0000 Ea	0.8000	150.0000
15430231046	Cleanout,wall,8"	1.0000 Ea	1.0000	173.0000
15430231120	Cleanout,floor,6"	1.0000 Ea	1.0000	185.0000
15430231140	Cleanout,floor,8"	1.0000 Ea	1.1430	231.0000
15440101080	Bath tub,6' long,average	1.0000 Ea	4.0000	716.0000
15440101140	Bath tub,square,whirlpool,4'x 4',average	1.0000 Ea	8.0000	1390.0000
15440101200	Bath tub,square,whirlpool,5'x 5',average	1.0000 Ea	8.0000	1620.0000
15440101260	Bath tub,square,whirlpool,6'x 6',average	1.0000 Ea	8.0000	1820.0000
15440301020	Shower,fiberglass,36"x34"x84",average	1.0000 Ea	8.0000	624.0000
15440304020	Shower,receptor,molded stone,36"x36",average	1.0000 Ea	4.0000	225.0000

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15440303020	Shower,steel,1 piece,36"x36",average	1.0000 Ea	8.0000	612.0000
15440151020	Faucets,kitchen,average	1.0000 Ea	1.6000	139.0000
15440151080	Faucets,bath,average	1.0000 Ea	1.6000	203.0000
15440151140	Faucets,lavatory,domestic,average	1.0000 Ea	1.6000	185.0000
15440151320	Faucets,washroom,average	1.0000 Ea	1.6000	208.0000
15440151380	Faucets,washroom,handicapped,average	1.0000 Ea	2.0000	225.0000
15440151440	Faucets,shower,average	1.0000 Ea	1.6000	185.0000
15440181000	Wall hydrant,8" thick	1.0000 Ea	1.3330	127.0000
15440181020	Wall hydrant,12" thick	1.0000 Ea	1.6000	139.0000
15440181040	Wall hydrant,18" thick	1.0000 Ea	1.7780	150.0000
15440181060	Wall hydrant,24" thick	1.0000 Ea	2.0000	162.0000
15440181080	Ground hydrant,2' deep	1.0000 Ea	1.0000	185.0000
15440181100	Ground hydrant,4' deep	1.0000 Ea	1.1430	219.0000
15440181120	Ground hydrant,6' deep	1.0000 Ea	1.3330	271.0000
15440181140	Ground hydrant,8' deep	1.0000 Ea	2.0000	312.0000
15440401020	Service sink,24"x29",average	1.0000 Ea	2.6670	520.0000
15440402040	Kitchen sink,single,stnls stl,single bowl,average	1.0000 Ea	2.0000	162.0000
15440402220	Kitchen sink,porcelain enamel,CI,single bowl,avrg	1.0000 Ea	2.0000	146.0000
15440402280	Kitchen sink,porcelain enamel,CI,double bowl,avrg	1.0000 Ea	2.6670	191.0000
15440402100	Kitchen sink,single,stnls stl,double bowl,avrg	1.0000 Ea	2.6670	185.0000
15440403020	Mop sink,24"x36"x10",average	1.0000 Ea	2.0000	393.0000
15440406040	Mop sink,washing machine box,average	1.0000 Ea	2.6670	139.0000
15440501010	Urinal,flush valve,floor mounted,average	1.0000 Ea	2.6670	508.0000
15440501080	Urinal,flush valve,wall mounted,average	1.0000 Ea	2.6670	312.0000
15440601010	Water closet,flush tank,floor mounted,average	1.0000 Ea	2.6670	420.0000
15440601050	Water closet,flush tank,floor mount,handicap,avrg	1.0000 Ea	4.0000	431.0000
15440601220	Water closet,bowl,w/flush valve,floor mount,avrg	1.0000 Ea	2.6670	315.0000
15440601280	Water closet,bowl,w/flush valve,wall mounted,avrg	1.0000 Ea	2.6670	338.0000
15440202010	Lavatory,counter top,porcelain enamel on CI,avrg	1.0000 Ea	2.0000	167.0000
15440202110	Lavatory,wall hung,china,average	1.0000 Ea	2.0000	173.0000
15440202310	Lavatory,wall hung,china,handicapped,average	1.0000 Ea	2.6670	300.0000
15440109020	Bath tub,for trim and rough-in,average	1.0000 Ea	4.0000	139.0000
15440109040	Bath tub,for trim and rough-in,maximum	1.0000 Ea	8.0000	202.0000
15440151520	Faucets,for trim & rough-in,average	1.0000 Ea	2.0000	69.5000
15440209020	Lavatory,for trim and rough-in,average	1.0000 Ea	2.6670	133.0000
15440309020	Shower,for trim and rough-in,average	1.0000 Ea	4.4440	133.0000
15440409020	Mop sink,for trim and rough-in,average	1.0000 Ea	4.0000	231.0000
15440509020	Urinal,for trim and rough-in,average	1.0000 Ea	4.0000	121.0000
15440609000	Water closet,for trim and rough-in,minimum	1.0000 Ea	2.0000	99.0000
15440609020	Water closet,for trim and rough-in,average	1.0000 Ea	2.6670	117.0000
15440609040	Water closet,for trim and rough-in,maximum	1.0000 Ea	4.0000	146.0000
15410051010	CI Pipe,Abv Gr,no hub,2" pipe	1.0000 Lf	0.0670	2.5000
15410061030	CI Pipe,Blw Gr,no hub,2" pipe	1.0000 Lf	0.0440	2.5000
15410090010	Service weight pipe,single hub,2"x 5'	1.0000 Ea	0.1600	12.6500
15410090020	Service weight pipe,single hub 3"x 5'	1.0000 Ea	0.1700	15.5000
15410090030	Service weight pipe,single hub 4"x 5'	1.0000 Ea	0.1780	20.2000
15410090040	Service weight pipe,single hub 5"x 5'	1.0000 Ea	0.1900	25.8000
15410090100	Service weight pipe,double hub 3"x 5'	1.0000 Ea	0.2160	17.2500
15410090110	Service weight pipe,double hub,4"x 5'	1.0000 Ea	0.2290	22.0500

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15410090120	Service weight pipe,double hub,5"x 5'	1.0000 Ea	0.2500	33.7000
15410090130	Service weight pipe,double hub,6"x 5'	1.0000 Ea	0.2670	40.3000
15410090160	Service weight pipe,single hub,2"x 10'	1.0000 Ea	0.2000	17.2000
15410090170	Service weight pipe,single hub,3"x 10'	1.0000 Ea	0.2160	23.7500
15410090300	Service weight pipe,soil plug,2"	1.0000 Ea	0.2670	1.6500
15410090310	Service weight pipe,3"	1.0000 Ea	0.2860	2.7000
15410090320	Service weight pipe,4"	1.0000 Ea	0.3080	3.1500
15410090330	Service weight pipe,5"	1.0000 Ea	0.3200	5.5000
15410090340	Service weight pipe,6"	1.0000 Ea	0.3330	5.6500
15410090350	Service weight pipe,1/5 bend,3"	1.0000 Ea	0.3200	6.8500
15410090360	Service weight pipe,1/5 bend,4"	1.0000 Ea	0.3640	10.6000
15410090540	Service weight pipe,1/4 bend,3"	1.0000 Ea	0.3200	5.5500
15410090550	Service weight pipe,1/4 bend,4"	1.0000 Ea	0.3640	8.1500
15410090560	Service weight pipe,1/4 bend,5"	1.0000 Ea	0.3810	11.4000
15410090570	Service weight pipe,1/4 bend,6"	1.0000 Ea	0.4000	14.3000
15410090600	Service weight pipe,1/4 bend,12"	1.0000 Ea	0.6670	85.5000
15410090610	Service weight pipe,1/4 bend,long,2"x 12"	1.0000 Ea	0.2860	6.6500
15410090620	Service weight pipe,1/4 bend,long,4"x 18"	1.0000 Ea	0.4000	16.3000
15410090630	Service weight pipe,1/4 bend,long,4"x 12"	1.0000 Ea	0.4000	13.3500
15410090720	Service weight pipe,straight T,2"	1.0000 Ea	0.5000	6.7000
15410090730	Service weight pipe,straight T,3"	1.0000 Ea	0.5330	10.4500
15410090740	Service weight pipe,straight T,4"x 2"	1.0000 Ea	0.5710	10.3500
15410090770	Service weight pipe,sanitary T,2"	1.0000 Ea	0.5000	5.1500
15410090780	Service weight pipe,sanitary T,3"x 2"	1.0000 Ea	0.5330	8.0500
15410090790	Service weight pipe,sanitary T,3"	1.0000 Ea	0.5710	9.5500
15410090850	Service weight pipe,wye,2"	1.0000 Ea	0.4000	5.2000
15410090860	Service weight pipe,wye,3"x 2"	1.0000 Ea	0.4440	7.6500
15410090870	Service weight pipe,wye,3"	1.0000 Ea	0.4440	9.7500
15410090880	Service weight pipe,wye,4"x 2"	1.0000 Ea	0.4710	9.1500
15410090890	Service weight pipe,wye,4"x 3"	1.0000 Ea	0.4710	11.1500
15410091120	Service weight pipe,comb wye & 1/8 bend,3"x 2"	1.0000 Ea	0.5710	8.3500
15410091130	Service weight pipe,comb wye & 1/8 bend,3"	1.0000 Ea	0.5710	11.1500
15410091140	Service weight pipe,comb wye & 1/8 bend,4"x 2"	1.0000 Ea	0.6150	10.0000
15410091150	Service weight pipe,comb wye & 1/8 bend,4"x 3"	1.0000 Ea	0.6150	13.1000
15410091200	Service weight pipe,straight cross,4"	1.0000 Ea	0.6670	16.4000
15410091210	Service weight pipe,sanitary cross,2"	1.0000 Ea	0.5710	7.7000
15410091220	Service weight pipe,sanitary cross,3"	1.0000 Ea	0.6150	13.4500
15410091230	Service weight pipe,sanitary cross,3"x 2"	1.0000 Ea	0.6150	11.7500
15410091240	Service weight pipe,sanitary cross,4"	1.0000 Ea	0.6670	18.0000
15410091290	Service weight pipe,double wye,3"	1.0000 Ea	0.6150	14.1000
15410091300	Service weight pipe,double wye,4"x 2"	1.0000 Ea	0.6670	14.5000
15410091310	Service weight pipe,double wye,4"x 3"	1.0000 Ea	0.6670	16.8000
15410091320	Service weight pipe,double wye,4"	1.0000 Ea	0.6670	20.2500
15410091670	Service weight pipe,reducer,5"x 2"	1.0000 Ea	0.6670	6.3500
15410091680	Service weight pipe,reducer,5"x 3"	1.0000 Ea	0.6670	6.4500
15410091690	Service weight pipe,reducer,5"x 4"	1.0000 Ea	0.6670	6.6000
15410091700	Service weight pipe,reducer,6"x 2"	1.0000 Ea	0.8000	7.5000
15410100900	Copper piping,type "K" copper,1/2"	1.0000 Lf	0.0250	0.7400
15410106090	Copper piping,L tube,1/4"	1.0000 Lf	0.0240	0.3300

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15410106095	Copper piping,L tube,3/8"	1.0000 Lf	0.0240	0.5100
15410106480	Copper piping,L tube,3"	1.0000 Lf	0.0420	7.1000
15410110530	Copper fittings,reducing coupling,1/4"x 1/8"	1.0000 Ea	0.3200	18.4000
15410110540	Copper fittings,reducing coupling,3/8"x 1/4"	1.0000 Ea	0.3480	0.6200
15410110550	Copper fittings,reducing coupling,1/2"x 3/8"	1.0000 Ea	0.4000	0.5800
15410110560	Copper fittings,reducing coupling,1/2"x 1/4"	1.0000 Ea	0.4000	0.5800
15410110570	Copper fittings,reducing coupling,1/2"x 1/8"	1.0000 Ea	0.4000	0.5800
15410110600	Copper fittings,reducing coupling,1"x 3/8"	1.0000 Ea	0.5000	1.9500
15410110610	Copper fittings,reducing coupling,1"x 1/2"	1.0000 Ea	0.5000	1.9500
15410110620	Copper fittings,reducing coupling,1"x 3/4"	1.0000 Ea	0.5000	1.9500
15410111120	Copper fittings,reducer,3/8"x 1/4"	1.0000 Ea	0.3200	0.9200
15410111130	Copper fittings,reducer,1/2"x 3/8"	1.0000 Ea	0.3200	0.7800
15410111140	Copper fittings,reducer,3/4"x 1/4"	1.0000 Ea	0.3640	1.1500
15410111150	Copper fittings,reducer,3/4"x 3/8"	1.0000 Ea	0.3640	1.1500
15410111170	Copper fittings,reducer,1"x 1/2"	1.0000 Ea	0.4000	1.9000
15410111180	Copper fittings,reducer,1"x 3/4"	1.0000 Ea	0.4000	1.9000
15410111550	Copper,increasing female adapters,1/8"x 3/8"	1.0000 Ea	0.3200	2.1500
15410111560	Copper,increasing female adapters,1/8"x 1/2"	1.0000 Ea	0.3200	2.0000
15410111570	Copper,increasing female adapters,1/4"x 1/2"	1.0000 Ea	0.3480	2.0000
15410111580	Copper,increasing female adapters,3/8"x 1/2"	1.0000 Ea	0.3640	2.0000
15410111690	Copper,reducing female adapters,3/8"x 1/4"	1.0000 Ea	0.3640	2.1500
15410111700	Copper,reducing female adapters,1/2"x 1/4"	1.0000 Ea	0.4000	2.0000
15410111710	Copper,reducing female adapters,1/2"x 3/8"	1.0000 Ea	0.4000	2.0000
15410111720	Copper,reducing female adapters,3/4"x 1/2"	1.0000 Ea	0.4440	2.8000
15410111930	Copper,male adapters,1/4"	1.0000 Ea	0.3640	4.0500
15410111940	Copper,male adapters,3/8"	1.0000 Ea	0.3640	2.0000
15410111950	Copper,male adapters,3"	1.0000 Ea	0.6670	44.4000
15410111960	Copper,male adapters,4"	1.0000 Ea	0.8000	68.0000
15410112350	Copper,90 ells,1/8"	1.0000 Ea	0.3200	0.9600
15410112360	Copper,90 ells,1/4"	1.0000 Ea	0.3200	0.9600
15410112370	Copper,90 ells,3/8"	1.0000 Ea	0.3640	0.9000
15410112380	Copper,90 ells,3"	1.0000 Ea	0.6670	23.9500
15410112390	Copper,90 ells,4"	1.0000 Ea	0.8000	56.5000
15410112410	Copper,reducing 90 ell,3/8"x 1/4"	1.0000 Ea	0.3640	1.8500
15410112420	Copper,reducing 90 ell,1/2"x 1/4"	1.0000 Ea	0.4000	3.2500
15410112440	Copper,reducing 90 ell,3/4"x 1/2"	1.0000 Ea	0.4210	2.2000
15410112450	Copper,reducing 90 ell,1"x 1/2"	1.0000 Ea	0.4440	4.1500
15410112500	Copper,reducing 90 ell,1"x 3/4"	1.0000 Ea	0.4440	4.1500
15410112790	Copper,female,90 ell,1/2"	1.0000 Ea	0.4000	2.0500
15410112800	Copper,female,90 ell,3/4"	1.0000 Ea	0.4210	3.4500
15410112810	Copper,female,90 ell,1"	1.0000 Ea	0.4440	9.7000
15410112830	Copper,female,90 ell,1-1/2"	1.0000 Ea	0.5000	16.7500
15410112840	Copper,female,90 ell,2"	1.0000 Ea	0.5330	28.5000
15410113230	Copper,male,reducing 90 ell,1"x 1/2"	1.0000 Ea	0.4440	8.8000
15410113240	Copper,male,reducing 90 ell,1"x 3/4"	1.0000 Ea	0.4440	8.8000
15410113270	Copper,drop ear ells,1/2"	1.0000 Ea	0.4000	2.5500
15410113290	Copper,female drop ear ells,1/2"	1.0000 Ea	0.4000	2.1000
15410113300	Copper,female drop ear ells,1/2"x 3/8"	1.0000 Ea	0.4000	4.2000
15410113310	Copper,female drop ear ells,3/4"	1.0000 Ea	0.4210	4.8000

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15410113350	Copper,45 ells,1/4"	1.0000 Ea	0.3200	2.3000
15410113360	Copper,45 ells,3/8"	1.0000 Ea	0.3640	1.8500
15410113370	Copper,45 ells,3"	1.0000 Ea	0.6670	18.1000
15410113380	Copper,45 ells,4"	1.0000 Ea	0.8000	56.5000
15410113400	Copper,45 street ell,1/4"	1.0000 Ea	0.3200	2.8000
15410113410	Copper,45 street ell,3/8"	1.0000 Ea	0.3640	2.1000
15410113420	Copper,45 street ell,1/2"	1.0000 Ea	0.4000	0.8000
15410113430	Copper,45 street ell,3/4"	1.0000 Ea	0.4210	1.2500
15410113440	Copper,45 street ell,1"	1.0000 Ea	0.4440	4.1000
15410113510	Copper,tee,1/8"	1.0000 Ea	0.3200	2.8500
15410113520	Copper,tee,1/4"	1.0000 Ea	0.3200	2.8500
15410113530	Copper,tee,3/8"	1.0000 Ea	0.3640	2.1500
15410113620	Copper,test caps,1/2"	1.0000 Ea	0.4000	0.3200
15410113630	Copper,test caps,3/4"	1.0000 Ea	0.4210	0.3500
15410113640	Copper,test caps,1"	1.0000 Ea	0.4440	0.6200
15410113650	Copper,test caps,1-1/4"	1.0000 Ea	0.4710	0.6200
15410113700	Copper,flush bushing,1/4"x 1/8"	1.0000 Ea	0.3200	0.6200
15410113710	Copper,flush bushing,1/2"x 1/4"	1.0000 Ea	0.4000	0.8000
15410113720	Copper,flush bushing,1/2"x 3/8"	1.0000 Ea	0.4000	0.8000
15410113730	Copper,flush bushing,3/4"x 3/8"	1.0000 Ea	0.4210	1.5000
15410113740	Copper,flush bushing,3/4"x 1/2"	1.0000 Ea	0.4210	1.5000
15410113890	Copper,union,1/4"	1.0000 Ea	0.3200	6.4000
15410113900	Copper,union,3/8"	1.0000 Ea	0.3640	6.4000
15410113930	Copper,union,female,1/2"	1.0000 Ea	0.4000	8.0500
15410113940	Copper,union,female,3/4"	1.0000 Ea	0.4210	11.2000
15410113960	Copper,union,male,1/2"	1.0000 Ea	0.4000	6.7000
15410114000	Copper,45 degree wye,1/2"	1.0000 Ea	0.4000	4.7500
15410114010	Copper,45 degree wye,3/4"	1.0000 Ea	0.4210	9.1000
15410114020	Copper,45 degree wye,1"	1.0000 Ea	0.4440	12.2500
15410114160	Copper,90 union ells,male,1/2"	1.0000 Ea	0.4000	9.9500
15410114170	Copper,90 union ells,male,3/4"	1.0000 Ea	0.4210	13.5500
15410114180	Copper,90 union ells,male,1"	1.0000 Ea	0.4440	31.8000
16320100100	Transformer,1 phase,int dry,480v-120/240v,3 kva	1.0000 Ea	1.8180	207.0000
16320101080	Transformer,1 phase,int dry,480v-120/240v,5 kva	1.0000 Ea	3.0770	280.0000
16320101100	Transformer,1 phase,int dry,480v-120/240v,7.5 kva	1.0000 Ea	3.4780	420.0000
16320101120	Transformer,1 phase,int dry,480v-120/240v,10 kva	1.0000 Ea	3.8100	476.0000
16320101140	Transformer,1 phase,int dry,480v-120/240v,15 kva	1.0000 Ea	4.3010	617.0000
16320101160	Transformer,1 phase,int dry,480v-120/240v,25 kva	1.0000 Ea	7.5470	785.0000
16350100000	CIRCUIT BREAKERS (CB)	1.0000	0.0000	0.0000
16350101000	CB,molded case,240v,15-60a,bolt-on,1 pole	1.0000 Ea	0.2500	7.2000
16350101060	CB,molded case,240v,15-60a,bolt-on,2 pole	1.0000 Ea	0.3480	16.0000
16350101080	CB,molded case,240v,70-100a,bolt-on,2 pole	1.0000 Ea	0.5330	42.3000
16350101100	CB,molded case,240v,15-60a,bolt-on,3 pole	1.0000 Ea	0.4000	52.0000
16350101120	CB,molded case,240v,70-100a,bolt-on,3 pole	1.0000 Ea	0.6150	75.5000
16350102000	CB,molded case,480v,2 pole,15-60a	1.0000 Ea	0.2960	115.0000
16350102080	CB,molded case,480v,2 pole,70-100a	1.0000 Ea	0.4000	146.0000
16350102100	CB,molded case,480v,3 pole,15-60a	1.0000 Ea	0.4000	146.0000
16350102120	CB,molded case,480v,3 pole,70-100a	1.0000 Ea	0.4440	174.0000
16350102140	CB,molded case,480v,3 pole,70-225a	1.0000 Ea	0.6150	384.0000

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16350105010	Load center CB,240v,1 pole,10-60a	1.0000 Ea	0.2500	7.0000
16350105020	Load center CB,240v,2 pole,10-60a	1.0000 Ea	0.4000	16.0000
16350105030	Load center CB,240v,2 pole,70-100a	1.0000 Ea	0.6670	45.8000
16350105040	Load center CB,240v,2 pole,110-150a	1.0000 Ea	0.7270	97.0000
16350105050	Load center CB,240v,3 pole,10-60a	1.0000 Ea	0.5000	55.0000
16350105060	Load center CB,240v,3 pole,70-100a	1.0000 Ea	0.7270	82.5000
16350105070	Load center,GFI CB,240v,1 pole,15-30a	1.0000 Ea	0.2960	55.0000
16350105080	Load center,GFI CB,240v,2 pole,15-30a	1.0000 Ea	0.4000	97.0000
16350105090	Load center CB,key operated,240v,1 pole,10-30a	1.0000 Ea	0.2960	9.1500
16350105100	Load center,tandem CB,240v,1 pole,15-30a	1.0000 Ea	0.4000	14.8500
16350105110	Load center,tandem CB,240v,2 pole,15-30a	1.0000 Ea	0.5330	28.6000
16350105120	Bolt-on,GFI CB,240v,1 pole,15-30a	1.0000 Ea	0.3480	68.0000
16350105130	Enclosed CB,120v,1 pole,15-50a,NEMA 1	1.0000 Ea	0.8000	79.0000
16350105140	Enclosed CB,240v,2pole,15-60a,NEMA 1	1.0000 Ea	1.2500	108.0000
16350105150	Enclosed CB,240v,2pole,70-100a,NEMA 1	1.0000 Ea	1.7390	143.0000
16350105160	Enclosed CB,240v,3 pole,15-60a,NEMA 1	1.0000 Ea	1.5090	143.0000
16350105170	Enclosed CB,240v,3 pole,70-100a,NEMA 1	1.0000 Ea	2.2220	188.0000
16350105180	Enclosed CB,120v,1 pole,15-50a,NEMA 3R	1.0000 Ea	0.8990	148.0000
16350105190	Enclosed CB,240v,2 pole,NEMA 3R,15-60a	1.0000 Ea	1.2500	187.0000
16350105200	Enclosed CB,240v,2 pole,NEMA 3R,70-100a	1.0000 Ea	1.7390	217.0000
16350105210	Enclosed CB,120v,3 pole,NEMA 3R,15-60a	1.0000 Ea	1.5090	206.0000
16350105220	Enclosed CB,120v,3 pole,NEMA 3R,70-100a	1.0000 Ea	2.2220	253.0000
16350105230	Enclosed CB,480v,1 pole,15-50a,NEMA 1	1.0000 Ea	0.8000	91.5000
16350105240	Enclosed CB,480v,2 pole,15-60a,NEMA 1	1.0000 Ea	1.2500	165.0000
16350105250	Enclosed CB,480v,2 pole,70-100a,NEMA 1	1.0000 Ea	1.5090	204.0000
16350105260	Enclosed CB,480v,3 pole,15-60a,NEMA 1	1.0000 Ea	1.5090	201.0000
16350105270	Enclosed CB,480v,3 pole,70-100a,NEMA 1	1.0000 Ea	2.2220	233.0000
16350105280	Enclosed CB,180v,1 pole,15-50a,NEMA 3R	1.0000 Ea	1.0000	160.0000
16350105300	Enclosed CB,2 pole,70-100a,NEMA 3R	1.0000 Ea	1.7390	272.0000
16350105310	Enclosed CB,3 pole,15-60a,NEMA 3R	1.0000 Ea	1.5090	268.0000
16350105320	Enclosed CB,3 pole,70-100a,NEMA 3R	1.0000 Ea	2.2220	299.0000
16350105350	Enclosed CB,180v,3 pole,15-60a,NEMA 1	1.0000 Ea	1.7390	229.0000
16350105360	Enclosed CB,180v,3 pole,70-100a,NEMA 1	1.0000 Ea	2.2220	272.0000
16350105290	Enclosed CB,2 pole,15-60a,NEMA 3R	1.0000 Ea	1.2500	233.0000
16230101820	Three phase capacitor,240v,2.5 kvar	1.0000 Ea	3.2000	207.0000
16230101830	Three phase capacitor,240v,3.0 kvar	1.0000 Ea	4.0000	231.0000
16230101850	Three phase capacitor,240v,5 kvar	1.0000 Ea	5.3330	272.0000
16230101860	Three phase capacitor,240v,6 kvar	1.0000 Ea	5.7140	300.0000
16230101810	Three phase capacitor,240v,1.5 kvar	1.0000 Ea	2.5000	177.0000
16230101840	Three phase capacitor,240v,4 kvar	1.0000 Ea	5.0000	244.0000
16670101000	Lightning protecn,copper pnt,nickel plt,12',1/2"D	1.0000 Ea	1.0000	25.4000
16670101020	Lightning protecn,copper pnt,nickel plt,12',5/8"D	1.0000 Ea	1.0000	30.0000
16365100000	FUSES	1.0000	0.0000	0.0000
16365101010	Fuse,one-time,250v,30a	1.0000 Ea	0.0500	0.8600
16365101020	Fuse,one-time,250v,60a	1.0000 Ea	0.0500	1.1000
16365101040	Fuse,one-time,250v,100a	1.0000 Ea	0.0500	4.6000
16365101060	Fuse,one-time,250v,200a	1.0000 Ea	0.0500	11.5500
16365101080	Fuse,one-time,250v,400a	1.0000 Ea	0.0500	20.8000
16365101100	Fuse,one-time,250v,600a	1.0000 Ea	0.0500	30.0000

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16365101140	Fuse,one-time,600v,30a	1.0000 Ea	0.0500	3.4500
16365101160	Fuse,one-time,600v,60a	1.0000 Ea	0.0500	4.6000
16365101180	Fuse,one-time,600v,100a	1.0000 Ea	0.0500	10.4000
16365101200	Fuse,one-time,600v,200a	1.0000 Ea	0.0500	19.6500
16365101220	Fuse,one-time,600v,400a	1.0000 Ea	0.0500	38.1000
16365101526	Fusetron 600v,200a	1.0000 Ea	0.0500	19.0500
16365101528	Fusetron 600v,400a	1.0000 Ea	0.0500	38.1000
16365105010	Fuse,reducer,600v,60a-30a	1.0000 Ea	0.1450	4.6000
16365105020	Fuse,reducer,600v,100a-30a	1.0000 Ea	0.1450	5.8000
16365105030	Fuse,reducer,600v,100a-60a	1.0000 Ea	0.1450	16.4000
16365105040	Fuse,reducer,600v,200a-60a	1.0000 Ea	0.2500	30.2000
16365105050	Fuse,reducer,600v,200a-100a	1.0000 Ea	0.2500	11.5500
16365105060	Fuse,reducer,600v,400a-100a	1.0000 Ea	0.3480	44.6000
16365105070	Fuse,reducer,600v,400a-200a	1.0000 Ea	0.3480	47.1000
16490104990	Dimmer switch and switch plate,600 w	1.0000 Ea	0.3080	17.3500
16490105005	Dimmer switch and switch plate,1000 w	1.0000 Ea	0.3480	40.4000
16490100000	SWITCHES	1.0000	0.0000	0.0000
16510100000	INTERIOR FIXTURES	1.0000	0.0000	0.0000
16510100110	Surface mounted,wrap around lens,1 lamp	1.0000 Ea	0.8000	40.4000
16510100120	Surface mounted,wrap around lens,2 lamps	1.0000 Ea	0.8890	43.9000
16510100140	Surface mounted,wrap around lens,4 lamps	1.0000 Ea	1.0000	69.5000
16510100300	Wall mounted fluorescent,2-20w lamps	1.0000 Ea	0.5000	32.3000
16510100320	Wall mounted fluorescent,2-30w lamps	1.0000 Ea	0.5000	34.7000
16510100340	Wall mounted fluorescent,2-40w lamps	1.0000 Ea	0.6670	40.4000
16510100360	Indir,w/wood shield,2-40w lamps,4'	1.0000 Ea	1.0000	69.5000
16510100380	Indir,w/wood shield,2-40w lamps,8'	1.0000 Ea	1.6000	98.0000
16510100400	Industrial fluorescent,2 lamp,4'	1.0000 Ea	0.7270	69.5000
16510100420	Industrial fluorescent,2 lamp,8'	1.0000 Ea	1.3330	110.0000
16510100520	Strip fluorescent,4',1 lamp	1.0000 Ea	0.6670	23.1000
16510100540	Strip fluorescent,4',2 lamps	1.0000 Ea	0.6670	28.9000
16510100560	Strip fluorescent,8',1 lamp	1.0000 Ea	0.7270	46.2000
16510100580	Strip fluorescent,8',2 lamps	1.0000 Ea	0.8890	52.0000
16510100640	Wire guard for strip fixture, 4' long	1.0000 Ea	0.3480	11.5500
16510100660	Strip fluorescent,8'long,2 tandem mount 4'lamps	1.0000 Ea	1.3330	69.5000
16510100680	Strip fluorescent,8'long,4 tandem mount 4'lamps	1.0000 Ea	1.6000	92.5000
16510102640	Recess mounted,commercial,2'x 2' 13" high,100w	1.0000 Ea	4.0000	550.0000
16510102660	Recess mounted,commercial,2'x 2' 13" high,250w	1.0000 Ea	4.4940	605.0000
16510103140	High pressure sodium,hi-bay open,400w	1.0000 Ea	1.7390	302.0000
16510103160	High pressure sodium,hi-bay open,1000w	1.0000 Ea	2.4240	522.0000
16510103180	High pressure sodium,hi-bay enclosed,400w	1.0000 Ea	2.4240	471.0000
16510103200	High pressure sodium,hi-bay enclosed,1000w	1.0000 Ea	2.9630	693.0000
16510104720	Compact flourescent,2-7w	1.0000 Ea	1.0000	88.0000
16510104740	Compact flourescent,2-13w	1.0000 Ea	1.3330	99.0000
16510104760	Compact flourescent,1-18w	1.0000 Ea	1.3330	121.0000
16510306300	Exterior,flood,mercury vapor,400w	1.0000 Ea	3.4780	578.0000
16510306380	Exterior,flood,incandescent,300w	1.0000 Ea	1.7390	71.5000
16510306410	Exterior,flood,incandescent,500w	1.0000 Ea	2.0000	121.0000
16510108040	Lamp,30w cool white,rapid start,36"	1.0000 Ea	0.1450	5.2000
16510108060	Lamp,40w cool white "U",3"	1.0000 Ea	0.1450	10.0500

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16510108080	Lamp,40w cool white,rapid start,48"	1.0000 Ea	0.1450	2.4000
16510108100	Lamp,70w high pressure sodium,mogul base	1.0000 Ea	0.2000	52.0000
16510108120	Lamp,75w slimline,96"	1.0000 Ea	0.2000	6.7000
16510108140	Lamp,100w,incandescent,100a,inside frost	1.0000 Ea	0.1000	2.1000
16510301220	Ext,rectangle,high pressure sodium,70w	1.0000 Ea	2.5000	346.0000
16510301240	Ext,rectangle,high pressure sodium,100w	1.0000 Ea	2.5810	358.0000
16510301260	Ext,rectangle,high pressure sodium,150w	1.0000 Ea	2.5810	385.0000
16510301320	Ext,flood,rectangular,high pressure sodium,70w	1.0000 Ea	2.5000	358.0000
16510301340	Ext,flood,rectangular,high pressure sodium,100w	1.0000 Ea	2.5810	374.0000
16510301440	Ext,flood,round,high pressure sodium,400w	1.0000 Ea	3.4780	638.0000
16510301460	Ext,flood,round,high pressure sodium,1000w	1.0000 Ea	4.4940	1000.0000
16510302100	Exterior,flood,metal halide,400w	1.0000 Ea	3.4780	671.0000
16510302120	Exterior,flood,metal halide,1000w	1.0000 Ea	4.4940	1020.0000
16490105010	Dimmer switch incandescent,1500w	1.0000 Ea	0.7020	92.5000
16490105020	Dimmer switch incandescent,2000w	1.0000 Ea	0.7480	132.0000
16490105030	Dimmer switch fluorescent,12 lamps	1.0000 Ea	0.5000	40.4000
16490105040	Dimmer switch fluorescent,20 lamps	1.0000 Ea	0.5520	69.5000
16490105430	Door switches,open on or off	1.0000 Ea	0.5000	13.8500
16490105440	Combination switch and pilot light,single pole	1.0000 Ea	0.2960	6.3500
16490105460	Combination switch and receptacle,single pole	1.0000 Ea	0.2960	9.0500
16490105480	Combination two switches,single pole/single pole	1.0000 Ea	0.2500	7.5000
16490105490	Combination two switches,3 way	1.0000 Ea	0.4000	9.2500
16490105510	Switch plates,plastic ivory,1 gang	1.0000 Ea	0.0800	0.3400
16490105520	Switch plates,plastic ivory,2 gang	1.0000 Ea	0.1000	0.6900
16490105530	Switch plates,plastic ivory,3 gang	1.0000 Ea	0.1190	1.0500
16490105570	Stainless steel,1 gang	1.0000 Ea	0.0800	1.1500
16490105580	Switch plates,stainless steel,2 gang	1.0000 Ea	0.1000	2.2500
16490105590	Switch plates,stainless steel,3 gang	1.0000 Ea	0.1230	3.9500
16490105600	Switch plates,stainless steel,4 gang	1.0000 Ea	0.1450	5.4000
16490105630	Switch plates,brass,1 gang	1.0000 Ea	0.0800	2.5000
16490105640	Switch plates,brass,2 gang	1.0000 Ea	0.1000	4.9500
16490105650	Switch plates,brass,3 gang	1.0000 Ea	0.1230	9.0000
16490105660	Switch plates,brass,4 gang	1.0000 Ea	0.1450	12.1000
16510050050	Recessed fluorescent fixtures,1'x4',2 lamp	1.0000 Ea	0.6670	44.7000
16510050060	Recessed fluorescent fixtures,1'x4',3 lamp	1.0000 Ea	0.6670	62.0000
16510050090	Recessed fluorescent fixtures,2'x4',2 lamp	1.0000 Ea	0.7270	55.5000
16510050100	Recessed fluorescent fixtures,2'x4',3 lamp	1.0000 Ea	0.7270	64.5000
16510050110	Recessed fluorescent fixtures,2'x4',4 lamp	1.0000 Ea	0.7270	63.0000
16510050160	Recessed fluorescent fixtures,4'x4',6 lamp	1.0000 Ea	1.0000	155.0000
16510050170	Recessed fluorescent fixtures,4'x4',8 lamp	1.0000 Ea	1.0000	164.0000
16510050210	Surface mounted incandescent fixtures,40w	1.0000 Ea	0.6670	40.0000
16510050220	Surface mounted incandescent fixtures,75w	1.0000 Ea	0.6670	43.5000
16510050230	Surface mounted incandescent fixtures,100w	1.0000 Ea	0.6670	51.5000
16510050290	Recessed lighting,40w	1.0000 Ea	1.5090	73.5000
16510050300	Recessed lighting,75w	1.0000 Ea	1.5090	77.0000
16510050310	Recessed lighting,100w	1.0000 Ea	1.5090	79.0000
16510050330	Exit lights,120v,recessed	1.0000 Ea	1.2500	57.0000
16510050340	Exit lights,120v,back mount	1.0000 Ea	0.7270	40.0000
16510050400	Light track single circuit,2'	1.0000 Ea	0.5000	19.7500

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16510050410	Light track single circuit,4'	1.0000 Ea	0.5000	36.8000
16510050420	Light track single circuit,8'	1.0000 Ea	1.0000	66.0000
16510050430	Light track single circuit,12'	1.0000 Ea	1.5090	104.0000
16510050440	Light track,dead end	1.0000 Ea	0.1450	3.5500
16510050450	Light track,starter kit	1.0000 Ea	0.2500	18.4000
16510050460	Light track,conduit feed	1.0000 Ea	0.1450	22.3500
16510050470	Light track,straight connector	1.0000 Ea	0.1450	12.4000
16510050480	Light track,center feed	1.0000 Ea	0.1450	25.3000
16510050490	Light track,L-connector	1.0000 Ea	0.1450	19.7500
16510050500	Light track,T-connector	1.0000 Ea	0.1450	30.2000
16510050510	Light track,X-connector	1.0000 Ea	0.2000	39.5000
16510050540	Light track,flex connector	1.0000 Ea	0.1450	59.0000
16510050550	Light track,2 way connector	1.0000 Ea	0.2000	85.5000
16510050560	Light track,spacer clip	1.0000 Ea	0.0500	1.3000
16510050570	Light track,grid box	1.0000 Ea	0.1450	7.2500
16510050580	Light track,T-bar clip	1.0000 Ea	0.0500	2.5000
16510050590	Light track,utility hook	1.0000 Ea	0.1450	7.9500
16510050600	Light track,fixtures,square,R-20	1.0000 Ea	0.1450	52.5000
16510050610	Light track,fixtures,square,R-30	1.0000 Ea	0.1450	55.0000
16510050620	Light track,fixtures,square,40w flood	1.0000 Ea	0.1450	88.0000
16510050630	Light track,fixtures,square,40w spot	1.0000 Ea	0.1450	91.5000
16510050640	Light track,fixtures,square,100w flood	1.0000 Ea	0.1450	102.0000
16510050650	Light track,fixtures,square,100w spot	1.0000 Ea	0.1450	104.0000
16510051340	Incandescent lamps,200w	1.0000 Ea	0.1000	3.1500
16510051350	Incandescent lamps,300w	1.0000 Ea	0.1000	3.4500
16510051360	Incandescent lamps,500w	1.0000 Ea	0.1000	7.7000
16510051370	Incandescent lamps,750w	1.0000 Ea	0.1450	18.8000
16510050000	LIGHTING	1.0000	0.0000	0.0000
16510050010	Recessed fluorescent fixtures,2'x2',2 lamp	1.0000 Ea	0.7270	44.0000
16510051400	Energy saving reflector floodlight lamps,25w	1.0000 Ea	0.1000	7.2500
16510051410	Energy saving reflector floodlight lamps,30w	1.0000 Ea	0.1000	5.8500
16510051420	Energy saving reflector floodlight lamps,50w	1.0000 Ea	0.1000	6.4500
16510051430	Energy saving reflector floodlight lamps,75w	1.0000 Ea	0.1000	5.7000
16510051490	Energy saving reflector floodlight lamps,750w	1.0000 Ea	0.1450	28.7000
16510051500	Reflector spotlight,75w	1.0000 Ea	0.1000	5.1500
16510051510	Reflector spotlight,100w	1.0000 Ea	0.1000	10.7500
16510051520	Reflector spotlight,125w	1.0000 Ea	0.1000	14.1000
16510051530	Reflector spotlight,150w	1.0000 Ea	0.1000	18.5000
16510050020	Recessed fluorescent fixtures,2'x2',4 lamp	1.0000 Ea	0.7270	59.0000
16510050520	Light track,cord and plug	1.0000 Ea	0.1000	28.9000
16510050530	Light track,rigid corner	1.0000 Ea	0.1450	38.1000
16110247520	GRS,pipe cap,1/2"	1.0000 Ea	0.0500	0.1300
16110247540	GRS,pipe cap,3/4"	1.0000 Ea	0.0500	0.1400
16110247560	GRS,pipe cap,1"	1.0000 Ea	0.0500	0.2500
16110247580	GRS,pipe cap,1-1/4"	1.0000 Ea	0.0800	0.5100
16110247600	GRS,pipe cap,1-1/2"	1.0000 Ea	0.0800	0.6600
16110247620	GRS,pipe cap,2"	1.0000 Ea	0.0800	0.7500
16110253020	PVC conduit,schedule 40,1/2"	1.0000 Lf	0.0300	0.2000
16110253040	PVC conduit,schedule 40,3/4"	1.0000 Lf	0.0300	0.2500

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16110253060	PVC conduit,schedule 40,1"	1.0000 Lf	0.0400	0.3700
16110253080	PVC conduit,schedule 40,1-1/4"	1.0000 Lf	0.0400	0.5100
16110253100	PVC conduit,schedule 40,1-1/2"	1.0000 Lf	0.0500	0.6100
16110253120	PVC conduit,schedule 40,2"	1.0000 Lf	0.0500	0.7900
16110253500	PVC,couplings,1/2"	1.0000 Ea	0.0500	0.1800
16110253540	PVC,couplings,1"	1.0000 Ea	0.0500	0.3000
16110253560	PVC,couplings,1-1/4"	1.0000 Ea	0.0590	0.3800
16110253580	PVC,couplings,1-1/2"	1.0000 Ea	0.0590	0.5200
16110253600	PVC,couplings,2"	1.0000 Ea	0.0590	0.7000
16110253710	PVC,90 degree elbows,1/2"	1.0000 Ea	0.1000	0.6800
16110253740	PVC,90 degree elbows,3/4"	1.0000 Ea	0.1230	0.7400
16110253760	PVC,90 degree elbows,1"	1.0000 Ea	0.1230	0.9000
16110253780	PVC,90 degree elbows,1-1/4"	1.0000 Ea	0.1450	1.3000
16110253800	PVC,90 degree elbows,1-1/2"	1.0000 Ea	0.1900	1.8000
16110253810	PVC,90 degree elbows,2"	1.0000 Ea	0.2220	2.5500
16110253520	PVC,couplings,3/4"	1.0000 Ea	0.0500	0.1900
16120435020	Copper conductor,type XLP,600v,#12	1.0000 Lf	0.0050	0.1100
16120435040	Copper conductor,type XLP,600v,#10	1.0000 Lf	0.0060	0.1700
16120435060	Copper conductor,type XLP,600v,#8	1.0000 Lf	0.0080	0.2300
16120435180	Copper conductor,type XLP,600v,1/0	1.0000 Lf	0.0160	0.9900
16120435200	Copper conductor,type XLP,600v,2/0	1.0000 Lf	0.0200	1.2000
16120435220	Copper conductor,type XLP,600v,3/0	1.0000 Lf	0.0260	1.5000
16120435260	Copper conductor,type XLP,600v,250 mcm	1.0000 Lf	0.0300	2.2000
16120435280	Copper conductor,type XLP,600v,300 mcm	1.0000 Lf	0.0330	2.6000
16120435300	Copper conductor,type XLP,600v,350 mcm	1.0000 Lf	0.0390	2.9500
16120435320	Copper conductor,type XLP,600v,400 mcm	1.0000 Lf	0.0440	3.5000
16110220100	EMT conduit,1/2"	1.0000 Lf	0.0300	0.1700
16110221020	EMT conduit,3/4"	1.0000 Lf	0.0400	0.2300
16110221030	EMT conduit,1"	1.0000 Lf	0.0500	0.3700
16110221040	EMT conduit,1-1/4"	1.0000 Lf	0.0590	0.5300
16110221060	EMT conduit,1-1/2"	1.0000 Lf	0.0800	0.6200
16110221080	EMT conduit,2"	1.0000 Lf	0.0890	0.7800
16110223000	EMT conduit,90 deg elbow,1/2"	1.0000 Ea	0.0890	1.9500
16110223040	EMT conduit,90 deg elbow,3/4"	1.0000 Ea	0.1000	1.9500
16110223060	EMT conduit,90 deg elbow,1"	1.0000 Ea	0.1070	2.1000
16110223080	EMT conduit,90 deg elbow,1-1/4"	1.0000 Ea	0.1230	2.8500
16110223100	EMT conduit,90 deg elbow,1-1/2"	1.0000 Ea	0.1450	3.6000
16110223120	EMT conduit,90 deg elbow,2"	1.0000 Ea	0.1900	5.7500
16110224000	EMT conduit,connector,steel compr,1/2"	1.0000 Ea	0.0890	0.5500
16110224040	EMT conduit,connector,steel compr,3/4"	1.0000 Ea	0.0890	0.7800
16110224060	EMT conduit,connector,steel compr,1"	1.0000 Ea	0.0890	1.3000
16110224080	EMT conduit,connector,steel compr,1-1/4"	1.0000 Ea	0.1070	2.5000
16110224100	EMT conduit,connector,steel compr,1-1/2"	1.0000 Ea	0.1450	3.6500
16110224200	EMT conduit,connector,steel compr,2"	1.0000 Ea	0.1900	5.2500
16110224500	EMT conduit,coupling,steel compr,1/2"	1.0000 Ea	0.0590	0.6700
16110224540	EMT conduit,coupling,steel compr,3/4"	1.0000 Ea	0.0590	0.9500
16110224560	EMT conduit,coupling,steel compr,1"	1.0000 Ea	0.0590	1.5000
16110224580	EMT conduit,coupling,steel compr,1-1/4"	1.0000 Ea	0.0890	2.7500
16110224590	EMT conduit,coupling,steel compr,1-1/2"	1.0000 Ea	0.1070	3.9500

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16110224600	EMT conduit,coupling,steel compr,2"	1.0000	Ea	0.1450	5.4000
16110225000	EMT conduit,1 hole strap,steel,1/2"	1.0000	Ea	0.0400	0.0800
16110225040	EMT conduit,1 hole strap,steel,3/4"	1.0000	Ea	0.0400	0.1200
16110225060	EMT conduit,1 hole strap,steel,1"	1.0000	Ea	0.0400	0.1700
16110225080	EMT conduit,1 hole strap,steel,1-1/4"	1.0000	Ea	0.0500	0.2600
16110225100	EMT conduit,1 hole strap,steel,1-1/2"	1.0000	Ea	0.0500	0.4200
16110225120	EMT conduit,1 hole strap,steel,2"	1.0000	Ea	0.0500	0.5400
16110230100	Flexible conduit,steel,3/8"	1.0000	Lf	0.0300	0.1800
16110231020	Flexible conduit,steel,1/2"	1.0000	Lf	0.0300	0.1900
16110231040	Flexible conduit,steel,3/4"	1.0000	Lf	0.0400	0.2600
16110231060	Flexible conduit,steel,1"	1.0000	Lf	0.0400	0.5300
16110231080	Flexible conduit,steel,1-1/4"	1.0000	Lf	0.0500	0.6700
16110231100	Flexible conduit,steel,1-1/2"	1.0000	Lf	0.0590	0.8800
16110231120	Flexible conduit,steel,2"	1.0000	Lf	0.0800	1.1500
16110232020	Flex conduit,connector,straight,3/8"	1.0000	Ea	0.0800	0.4700
16110232040	Flex conduit,connector,straight,1/2"	1.0000	Ea	0.0800	1.1500
16110232060	Flex conduit,connector,straight,3/4"	1.0000	Ea	0.0890	0.9500
16110232080	Flex conduit,connector,straight,1"	1.0000	Ea	0.1000	1.9000
16110242000	Galvanized rigid steel conduit,1/2"	1.0000	Lf	0.0400	0.7600
16110242040	Galvanized rigid steel conduit,3/4"	1.0000	Lf	0.0500	0.9500
16110242060	Galvanized rigid steel conduit,1"	1.0000	Lf	0.0590	1.3000
16110242080	Galvanized rigid steel conduit,1-1/4"	1.0000	Lf	0.0800	1.7000
16110242100	Galvanized rigid steel conduit,1-1/2"	1.0000	Lf	0.0890	2.0500
16110242120	Galvanized rigid steel conduit,2"	1.0000	Lf	0.1000	2.6500
16110242140	Galvanized rigid steel conduit,2-1/2"	1.0000	Lf	0.1450	4.2000
16110242160	Galvanized rigid steel conduit,3"	1.0000	Lf	0.1820	5.6000
16110242180	Galvanized rigid steel conduit,3-1/2"	1.0000	Lf	0.1900	5.6500
16110242200	Galvanized rigid steel conduit,4"	1.0000	Lf	0.2110	8.3000
16110242220	Galvanized rigid steel conduit,5"	1.0000	Lf	0.2860	17.6500
16110242240	Galvanized rigid steel conduit,6"	1.0000	Lf	0.3810	25.4000
16110242500	GRS,90 degree ell,1/2"	1.0000	Ea	0.2500	2.5500
16110242540	GRS,90 degree ell,3/4"	1.0000	Ea	0.3080	3.1000
16110242560	GRS,90 degree ell,1"	1.0000	Ea	0.3810	4.6000
16110242580	GRS,90 degree ell,1-1/4"	1.0000	Ea	0.4440	6.6500
16110242590	GRS,90 degree ell,1-1/2"	1.0000	Ea	0.5000	7.9500
16110242600	GRS,90 degree ell,2"	1.0000	Ea	0.5330	11.7500
16110243560	GRS,split couplings,2"	1.0000	Ea	0.5710	23.5500
16110243460	GRS,split couplings,1/2"	1.0000	Ea	0.1900	1.1000
16110243480	GRS,split couplings,3/4"	1.0000	Ea	0.2500	1.4500
16110243500	GRS,split couplings,1"	1.0000	Ea	0.2760	2.0000
16110243520	GRS,split couplings,1-1/4"	1.0000	Ea	0.3080	4.0500
16110243540	GRS,split couplings,1-1/2"	1.0000	Ea	0.3810	5.1000
16110243890	GRS,Erickson couplings,2-1/2"	1.0000	Ea	1.8600	41.9000
16110244020	GRS,seal fittings,1/2"	1.0000	Ea	0.6670	7.8500
16110244040	GRS,seal fittings,3/4"	1.0000	Ea	0.8000	9.0500
16110244060	GRS,seal fittings,1"	1.0000	Ea	1.0000	11.1000
16110244080	GRS,seal fittings,1-1/4"	1.0000	Ea	1.1430	13.4500
16110244100	GRS,seal fittings,1-1/2"	1.0000	Ea	1.3330	19.9000
16110244120	GRS,seal fittings,2"	1.0000	Ea	1.6000	26.0000

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16110246000	GRS,locknuts,1/2"	1.0000 Ea	0.0500	0.0700
16110246040	GRS,locknuts,3/4"	1.0000 Ea	0.0500	0.0800
16110246060	GRS,locknuts,1"	1.0000 Ea	0.0500	0.1800
16110246080	GRS,locknuts,1-1/4"	1.0000 Ea	0.0500	0.2200
16110246100	GRS,locknuts,1-1/2"	1.0000 Ea	0.0590	0.3200
16110246120	GRS,locknuts,2"	1.0000 Ea	0.0590	0.4600
16110208005	Conduit specialties,rod beam clamp,1/2"	1.0000 Ea	0.0500	3.1500
16110208010	Conduit specialties,hanger rod,3/8"	1.0000 Lf	0.0400	0.6800
16110208020	Conduit specialties,hanger rod,1/2"	1.0000 Lf	0.0500	1.1000
16110208040	Conduit specialties,all thread rod,1/4"	1.0000 Lf	0.0300	0.3800
16110208060	Conduit specialties,all thread rod,3/8"	1.0000 Lf	0.0400	0.6500
16110208080	Conduit specialties,all thread rod,1/2"	1.0000 Lf	0.0500	1.1000
16110208100	Conduit specialties,all thread rod,5/8"	1.0000 Lf	0.0800	1.7000
16110208140	Conduit specialties,hanger channel,1-1/2",no holes	1.0000 Ea	0.0300	2.5500
16110208160	Conduit specialties,hanger channel,1-1/2",holes	1.0000 Ea	0.0300	2.8500
16110208180	Conduit specialties,channel strap,1/2"	1.0000 Ea	0.0500	0.6800
16110208200	Conduit specialties,channel strap,3/4"	1.0000 Ea	0.0500	0.8000
16110208220	Conduit specialties,channel strap,1"	1.0000 Ea	0.0500	0.8600
16110208420	Conduit penetrations,roof & wall,8" thick,1/2"	1.0000 Ea	0.6150	0.0000
16110208460	Conduit penetrations,roof & wall,8" thick,3/4"	1.0000 Ea	0.6150	0.0000
16110208480	Conduit penetrations,roof & wall,8" thick,1"	1.0000 Ea	0.8000	0.0000
16120431000	Copper conductor,type THW,solid,#14	1.0000 Lf	0.0040	0.0400
16120431040	Copper conductor,type THW,solid,#12	1.0000 Lf	0.0050	0.0700
16120431060	Copper conductor,type THW,solid,#10	1.0000 Lf	0.0060	0.0900
16120431080	Copper conductor,type THW,stranded,#14	1.0000 Lf	0.0040	0.0700
16120431100	Copper conductor,type THW,stranded,#12	1.0000 Lf	0.0050	0.0900
16120431120	Copper conductor,type THW,stranded,#10	1.0000 Lf	0.0060	0.1100
16120431140	Copper conductor,type THW,stranded,#8	1.0000 Lf	0.0080	0.1800
16120431160	Copper conductor,type THW,stranded,#6	1.0000 Lf	0.0090	0.2300
16120431180	Copper conductor,type THW,stranded,#4	1.0000 Lf	0.0100	0.3500
16120431200	Copper conductor,type THW,stranded,#3	1.0000 Lf	0.0100	0.5000
16120431220	Copper conductor,type THW,stranded,#2	1.0000 Lf	0.0120	0.6100
16120431240	Copper conductor,type THW,stranded,#1	1.0000 Lf	0.0140	0.7700
16120431260	Copper conductor,type THW,stranded,1/0	1.0000 Lf	0.0160	0.9400
16120431280	Copper conductor,type THW,stranded,2/0	1.0000 Lf	0.0200	1.1000
16120431540	Copper conductor,type THW,stranded,250 mcm	1.0000 Lf	0.0300	2.1000
16120431560	Copper conductor,type THW,stranded,300 mcm	1.0000 Lf	0.0330	2.5000
16120431580	Copper conductor,type THW,stranded,350 mcm	1.0000 Lf	0.0400	3.0500
16120431600	Copper conductor,type THW,stranded,400 mcm	1.0000 Lf	0.0440	3.4000
16120431620	Copper conductor,type THW,stranded,500 mcm	1.0000 Lf	0.0520	4.1000
16120432020	Copper conductor,type THHN-THWN,solid,#14	1.0000 Lf	0.0040	0.0400
16120432040	Copper conductor,type THHN-THWN,solid,#12	1.0000 Lf	0.0050	0.0700
16120432060	Copper conductor,type THHN-THWN,solid,#10	1.0000 Lf	0.0060	0.0900
16120432080	Copper conductor,type THHN-THWN,stranded,#14	1.0000 Lf	0.0040	0.0700
16120432100	Copper conductor,type THHN-THWN,stranded,#12	1.0000 Lf	0.0050	0.0900
16120432120	Copper conductor,type THHN-THWN,stranded,#10	1.0000 Lf	0.0060	0.1100
16120432140	Copper conductor,type THHN-THWN,stranded,#8	1.0000 Lf	0.0080	0.1800
16120432320	Copper conductor,type THHN-THWN,stranded,250	1.0000 Lf	0.0300	2.1000
16120432340	Copper conductor,type THHN-THWN,stranded,350	1.0000 Lf	0.0400	3.0500

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16120433000	Copper conductor,type XHHW,#14	1.0000 Lf	0.0040	0.1000
16120433060	Copper conductor,type XHHW,#10	1.0000 Lf	0.0060	0.1700
16120433080	Copper conductor,type XHHW,#8	1.0000 Lf	0.0080	0.2300
16120433100	Copper conductor,type XHHW,#6	1.0000 Lf	0.0090	0.2500
16120433120	Copper conductor,type XHHW,#4	1.0000 Lf	0.0090	0.3800
16120433140	Copper conductor,type XHHW,#2	1.0000 Lf	0.0110	0.6100
16120433160	Copper conductor,type XHHW,#1	1.0000 Lf	0.0140	0.7900
16120433180	Copper conductor,type XHHW,1/0	1.0000 Lf	0.0160	0.9400
16120433200	Copper conductor,type XHHW,2/0	1.0000 Lf	0.0190	1.2000
16130601060	4",octagon box	1.0000 Ea	0.1140	1.0500
16130601080	4",octagon box,plaster ring	1.0000 Ea	0.0590	0.8000
16130601100	4",octagon box,cover blank	1.0000 Ea	0.0590	0.3400
16130601120	Square box	1.0000 Ea	0.1140	1.2500
16130601140	Square box,extension	1.0000 Ea	0.0590	1.3500
16130601160	Square box,plaster ring	1.0000 Ea	0.0590	0.6300
16130601180	Square box,cover blank	1.0000 Ea	0.0590	0.4000
16130601200	4-11/16",square box	1.0000 Ea	0.1140	2.2000
16130601070	4",octagon box,extension	1.0000 Ea	0.0590	1.5000
16130601240	4-11/16",square box,extension	1.0000 Ea	0.0590	2.9500
16130601260	4-11/16",square box,plaster ring	1.0000 Ea	0.0590	1.7000
16130601280	4-11/16",square box,cover blank	1.0000 Ea	0.0590	0.6800
16130601320	Switch and device boxes,2 gang	1.0000 Ea	0.1140	6.4000
16130601340	Switch and device boxes,3 gang	1.0000 Ea	0.1140	7.9000
16130601360	Switch and device boxes,4 gang	1.0000 Ea	0.1600	11.1500
16130602020	Device covers,2 gang	1.0000 Ea	0.0590	3.1500
16130602040	Device covers,3 gang	1.0000 Ea	0.0590	3.7000
16130602060	Device covers,4 gang	1.0000 Ea	0.0590	5.3500
16130602100	Handy box	1.0000 Ea	0.1140	0.9700
16130602120	Handy box,extension	1.0000 Ea	0.0590	1.3000
16130602140	Handy box,switch cover	1.0000 Ea	0.0590	0.4000
16130602160	Switch box with knockout	1.0000 Ea	0.1450	1.1000
16130602200	Weatherproof cover,spring type	1.0000 Ea	0.0800	3.7000
16130602220	Cover plate,dryer recept,250v 30a/50a,1 gang plas	1.0000 Ea	0.1000	1.7000
16470102720	Panelboard,grounding bus	1.0000 Ea	0.3480	12.6000
16470102740	Panelboard,handle lock device	1.0000 Ea	0.1450	1.7000
16470102760	Panelboard,factory assembled panel,1 pole space	1.0000 Ea	0.3480	9.1500
16470102780	Panelboard,factory assembled panel,2 pole space	1.0000 Ea	0.1450	19.4500
16470102800	Panelboard,factory assembled panel,3 pole space	1.0000 Ea	0.1330	28.6000
16470103040	PB,1 phase,3 wire,120/240v flush,100a,20 circuit	1.0000 Ea	3.4780	372.0000
16470103060	PB,1 phase,3 wire,120/240v flush,225 amp,30 circ	1.0000 Ea	4.0000	744.0000
16470103540	PB,1 phase,240/120v,main lugs only,100a,12 circuit	1.0000 Ea	2.9630	240.0000
16470103520	PB,1 phase,240/120v,main lugs only,100a,8 circ	1.0000 Ea	2.9630	222.0000
16470103560	PB,1 phase,240/120v,main lugs only,100a,20 circuit	1.0000 Ea	2.9630	252.0000
16470103580	PB,1 phase,240/120v,main lugs only,225a,24 circ	1.0000 Ea	3.4780	268.0000
16470103600	PB,1 phase,240/120v,main lugs only,225a,30 circ	1.0000 Ea	3.8100	306.0000
16470103620	PB,1 phase,240/120v,main lugs only,225a,42 circ	1.0000 Ea	3.8100	338.0000
16130801000	125 volt,20a,duplex,ground type,std grade,ivory	1.0000 Ea	0.2000	4.6500
16130801040	125 volt,20a,duplex,ground type,GFI	1.0000 Ea	0.2960	36.0000
16130801520	250 volt,20a,2 pole,single recept,ground type	1.0000 Ea	0.2000	5.4000

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16130801560	120/208v,4 pole,single receptacle,twist lock,20a	1.0000 Ea	0.3480	11.6000
16130801580	120/208v,4 pole,single receptacle,twist lock,50a	1.0000 Ea	0.3480	22.1000
16130801600	125/250v,3 pole,flush receptacle,30a	1.0000 Ea	0.2960	7.3500
16130801620	125/250v,3 pole,flush receptacle,50a	1.0000 Ea	0.2960	8.5000
16130801640	125/250v,3 pole,flush receptacle,60a	1.0000 Ea	0.3480	34.3000
16130801660	277 volt,20a,2 pole,brown snl,gr type,twist lock	1.0000 Ea	0.2000	8.5000
16130802020	Dryer receptacle,250v,30a/50a,3 wire	1.0000 Ea	0.2960	14.2000
16130802040	Clock receptacle,2 pole,ground type	1.0000 Ea	0.2000	5.9500
16470100000	PANELBOARDS	1.0000	0.0000	0.0000
16425100000	SWITCHBOARDS	1.0000	0.0000	0.0000
16425101000	SB,90" high,no main disconnect,208/120v,600a	1.0000 Ea	8.0000	2010.0000
16425101020	SB,90" high,no main disconnect,208/120v,1000a	1.0000 Ea	8.0000	2530.0000
16425101040	SB,90" high,no main disconnect,208/120v,1200a	1.0000 Ea	10.0000	2710.0000
16425101060	SB,90" high,no main disconnect,208/120v,1600a	1.0000 Ea	11.9400	2970.0000
16425101080	SB,90" high,no main disconnect,208/120v,2000a	1.0000 Ea	14.0350	3190.0000
16425101100	SB,90" high,no main disconnect,208/120v,2500a	1.0000 Ea	16.0000	3520.0000
16425100581	SB,90" high,no main disconnect,208/120v,400a	1.0000 Ea	7.9210	1300.0000
16425102260	Accessories for power trip breakers,shunt trip	1.0000 Ea	0.5000	528.0000
16425102280	Accessories for power trip breakers,key interlock	1.0000 Ea	2.2220	253.0000
16425102320	Accessories for power trip breakers,lift device	1.0000 Ea	1.3330	170.0000
16425102520	Bus duct connection,3 phase,4 wire,225a	1.0000 Ea	3.3330	231.0000
16425102540	Bus duct connection,3 phase,4 wire,400a	1.0000 Ea	2.9630	288.0000
16425102560	Bus duct connection,3 phase,4 wire,600a	1.0000 Ea	3.3330	370.0000
16425102580	Bus duct connection,3 phase,4 wire,800a	1.0000 Ea	4.0000	404.0000
16425102680	Bus duct connection,3 phase,4 wire,2500a	1.0000 Ea	6.0150	750.0000
16110209150	Threaded rod couplings,1/4"	1.0000 Ea	0.0500	0.4800
16110209170	Threaded rod couplings,1/2"	1.0000 Ea	0.0500	0.7300
16110209160	Threaded rod couplings,3/8"	1.0000 Ea	0.0500	0.5500
16110209180	Threaded rod couplings,5/8"	1.0000 Ea	0.0500	1.8000
16110209200	Hex nuts,1/4"	1.0000 Ea	0.0500	0.0600
16110209210	Hex nuts,3/8"	1.0000 Ea	0.0500	0.1300
16110209220	Hex nuts,1/2"	1.0000 Ea	0.0500	0.2200
16110209230	Hex nuts,5/8"	1.0000 Ea	0.0500	0.6600
16110209240	Hex nuts,3/4"	1.0000 Ea	0.0500	0.7300
16110209250	Square nuts,1/4"	1.0000 Ea	0.0500	0.0600
16110209270	Square nuts,1/2"	1.0000 Ea	0.0500	0.2200
16110209280	Square nuts,5/8"	1.0000 Ea	0.0500	0.6600
16110209290	Square nuts,3/4"	1.0000 Ea	0.0500	0.7300
16110209300	Flat washers,1/4"	1.0000 Ea	0.0000	0.0600
16110209310	Flat washers,3/8"	1.0000 Ea	0.0000	0.0600
16110209320	Flat washers,1/2"	1.0000 Ea	0.0000	0.1300
16110209330	Flat washers,5/8"	1.0000 Ea	0.0000	0.2100
16110209340	Flat washers,3/4"	1.0000 Ea	0.0000	0.3000
16110209350	Lockwashers,1/4"	1.0000 Ea	0.0000	0.0600
16110209360	Lockwashers,3/8"	1.0000 Ea	0.0000	0.0600
16110209370	Lockwashers,1/2"	1.0000 Ea	0.0000	0.0700
16110209380	Lockwashers,5/8"	1.0000 Ea	0.0000	0.0900
16110209390	Lockwashers,3/4"	1.0000 Ea	0.0000	0.1800
16110209400	Channel closure strip	1.0000 Lf	0.1330	1.2000

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16110209410	Channel end cap	1.0000 Ea	0.1330	0.5300
16110209480	Channel spring nuts,1/4"	1.0000 Ea	0.0590	0.6900
16110209490	Channel spring nuts,3/8"	1.0000 Ea	0.0800	0.8000
16110209500	Channel spring nuts,1/2"	1.0000 Ea	0.1000	0.8800
16110226210	EMT cond,connector,die cast set screw,1/2"	1.0000 Ea	0.0590	0.1800
16110226220	EMT cond,connector,die cast set screw,3/4"	1.0000 Ea	0.0590	0.2900
16110226230	EMT cond,connector,die cast set screw,1"	1.0000 Ea	0.0590	0.4600
16110226240	EMT cond,connector,die cast set screw,1-1/4"	1.0000 Ea	0.0890	0.8000
16110226250	EMT cond,connector,die cast set screw,1-1/2"	1.0000 Ea	0.1070	1.2500
16110226260	EMT cond,connector,die cast set screw,2"	1.0000 Ea	0.1450	1.6000
16110226360	EMT cond,connector,dc set screw,insul throat,2"	1.0000 Ea	0.1450	2.7000
16110226610	EMT conduit,1 hole malleable straps,1/2"	1.0000 Ea	0.0400	0.1800
16110226620	EMT conduit,1 hole malleable straps,3/4"	1.0000 Ea	0.0400	0.2300
16110226630	EMT conduit,1 hole malleable straps,1"	1.0000 Ea	0.0400	0.3500
16110226640	EMT conduit,1 hole malleable straps,1-1/4"	1.0000 Ea	0.0500	0.5700
16110226710	EMT to rigid compression coupling, 1/2"	1.0000 Ea	0.1000	1.3000
16110226720	EMT to rigid compression coupling,3/4"	1.0000 Ea	0.1000	1.9000
16110226730	EMT to rigid compression coupling,1"	1.0000 Ea	0.1500	2.7500
16110226740	EMT,set screw couplings,1/2"	1.0000 Ea	0.1000	0.9400
16110226750	EMT,set screw couplings,3/4"	1.0000 Ea	0.1000	1.3500
16110226760	EMT,set screw couplings,1"	1.0000 Ea	0.1450	2.0500
16110226770	EMT,set screw offset connectors,1/2"	1.0000 Ea	0.1000	1.3000
16110226780	EMT,set screw offset connectors,3/4"	1.0000 Ea	0.1000	1.7500
16110226790	EMT,set screw offset connectors,1"	1.0000 Ea	0.1450	2.6500
16110226800	EMT,compression offset connectors,1/2"	1.0000 Ea	0.1000	1.4500
16110226810	EMT,compression offset connectors,3/4"	1.0000 Ea	0.1000	2.1000
16110226820	EMT,compression offset connectors,1"	1.0000 Ea	0.1450	3.2500
16110234530	Flex conduit,90 deg connectors,3/8"	1.0000 Ea	0.1480	2.8000
16110234540	Flex conduit,90 deg connectors,1/2"	1.0000 Ea	0.1480	2.8500
16110234550	Flex conduit,90 deg connectors,3/4"	1.0000 Ea	0.1700	4.2500
16110234560	Flex conduit,90 deg connectors,1"	1.0000 Ea	0.1820	8.6000
16110234570	Flex conduit,90 deg connectors,1-1/4"	1.0000 Ea	0.2290	13.4000
16110234580	Flex conduit,90 deg connectors,1-1/2"	1.0000 Ea	0.2500	16.0500
16110234630	Flex cond,90 degree insul throat connectors,3/8"	1.0000 Ea	0.1450	3.3500
16110234640	Flex cond,90 degree insul throat connectors,1/2"	1.0000 Ea	0.1450	3.4000
16110234650	Flex cond,90 degree insul throat connectors,3/4"	1.0000 Ea	0.1700	5.0500
16110234660	Flex cond,90 degree insul throat connectors,1"	1.0000 Ea	0.1780	9.6000
16110257070	PVC,45 degree elbows,1/2"	1.0000 Ea	0.1230	0.5100
16110257080	PVC,45 degree elbows,3/4"	1.0000 Ea	0.1450	0.6200
16110257090	PVC,45 degree elbows,1"	1.0000 Ea	0.1450	0.8500
16110257100	PVC,45 degree elbows,1-1/4"	1.0000 Ea	0.1820	1.2500
16110257110	PVC,45 degree elbows,1-1/2"	1.0000 Ea	0.2290	1.7000
16110257120	PVC,45 degree elbows,2"	1.0000 Ea	0.2670	2.5000
16110257190	PVC,female adapters,1/2"	1.0000 Ea	0.1230	0.2300
16110257200	PVC,female adapters,3/4"	1.0000 Ea	0.1230	0.4000
16110257210	PVC,female adapters,1"	1.0000 Ea	0.1230	0.5100
16110257220	PVC,female adapters,1-1/4"	1.0000 Ea	0.2000	0.6300
16110257230	PVC,female adapters,1-1/2"	1.0000 Ea	0.2000	0.7100
16110257240	PVC,female adapters,2"	1.0000 Ea	0.2000	0.9900

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16110257310	PVC,expansion couplings,1/2"	1.0000 Ea	0.1230	8.0500
16110257320	PVC,expansion couplings,3/4"	1.0000 Ea	0.1230	8.2000
16110257330	PVC,expansion couplings,1"	1.0000 Ea	0.1450	8.3500
16110257340	PVC,expansion couplings,1-1/4"	1.0000 Ea	0.2000	8.4500
16110257350	PVC,expansion couplings,1-1/2"	1.0000 Ea	0.2000	8.6000
16110257360	PVC,expansion couplings,2"	1.0000 Ea	0.2000	9.1500
16110257430	PVC,plugs,2"	1.0000 Ea	0.2000	0.5100
16110257440	PVC,plugs,3"	1.0000 Ea	0.2960	0.6500
16120436010	Copper conductor,bare solid wire,#14	1.0000 Lf	0.0040	0.0600
16120436020	Copper conductor,bare solid wire,#12	1.0000 Lf	0.0050	0.0800
16120436030	Copper conductor,bare solid wire,#10	1.0000 Lf	0.0060	0.1000
16120436040	Copper conductor,bare solid wire,#8	1.0000 Lf	0.0080	0.1800
16120436050	Copper conductor,bare solid wire,#6	1.0000 Lf	0.0090	0.2300
16120436080	Copper conductor,bare stranded wire,#8	1.0000 Lf	0.0080	0.1800
16120436090	Copper conductor,bare stranded wire,#6	1.0000 Lf	0.0100	0.2400
16120436100	Copper conductor,bare stranded wire,#4	1.0000 Lf	0.0100	0.3500
16120436110	Copper conductor,bare stranded wire,#2	1.0000 Lf	0.0110	0.5900
16120436120	Copper conductor,bare stranded wire,#1	1.0000 Lf	0.0140	0.7600
16120436130	Copper conductor,bare stranded wire,#1/0	1.0000 Lf	0.0180	0.9200
16120436170	Copper conductor,bare stranded wire,#250	1.0000 Lf	0.0300	2.0500
16120436180	Copper conductor,bare stranded wire,#300	1.0000 Lf	0.0330	2.4000
16120436190	Copper conductor,bare stranded wire,#350	1.0000 Lf	0.0400	2.8000
16130803020	125v,20a single recept,gr type,std grade,spec	1.0000 Ea	0.2000	6.7000
16130803040	125v,20a single recept,gr,std,isolated gr orange	1.0000 Ea	0.2500	12.0500
16130803050	125v,20a single recept,gr,dupl spec,ivory	1.0000 Ea	0.2000	6.9500
16130803080	250v,20a,duplex recept,2 pole,gr type spec grade	1.0000 Ea	0.2000	10.3000
16130803110	125/250v,3 pole,3 wire surface recepts,30a	1.0000 Ea	0.2960	14.2000
16130803130	125/250v,3 pole,3 wire surface recepts,60a	1.0000 Ea	0.3480	34.5000
16130803140	Cord set,3 wire,6' cord,30a	1.0000 Ea	0.2960	15.4000
16130803010	125v,20a single recept,gr type,std grade, ivory	1.0000 Ea	0.2000	4.3500
16130803090	Combination recepts,20a,125v and 250v,dupl ivory	1.0000 Ea	0.2000	9.2500
16130803120	125/250v,3 pole,3 wire surface recepts,50a	1.0000 Ea	0.2960	15.8000
16130803150	Cord set,3 wire,6' cord,50a	1.0000 Ea	0.2960	21.4500
16110321010	Flex wiring,single circuit cables,5'	1.0000 Ea	0.0590	9.1000
16110321020	Flex wiring,single circuit cables,10'	1.0000 Ea	0.1000	12.9500
16110321030	Flex wiring,single circuit cables,15'	1.0000 Ea	0.1450	16.0500
16110321090	Flex wiring,two circuit cables,5'	1.0000 Ea	0.0590	12.3500
16110321100	Flex wiring,two circuit cables,10'	1.0000 Ea	0.1000	14.5000
16110321110	Flex wiring,two circuit cables,15'	1.0000 Ea	0.1450	18.1500
16110321120	Flex wiring,two circuit cables,20'	1.0000 Ea	0.2000	25.7000
16110321130	Flex wiring,two circuit cables,25'	1.0000 Ea	0.2670	33.0000
16110321160	Flex wiring,2 wire switch & receptacle cables,5'	1.0000 Ea	0.0590	5.1000
16110321170	Flex wiring,2 wire switch & receptacle cables,10'	1.0000 Ea	0.1000	10.3500
16110321210	Flex wiring,2 wire switch & receptacle cables,15'	1.0000 Ea	0.1450	13.2500
16110321220	Flex wiring,2 wire switch & receptacle cables,20'	1.0000 Ea	0.2000	22.8000
16110321230	Flex wiring,2 wire switch & receptacle cables,25'	1.0000 Ea	0.2670	30.3000
16110321260	Flex wiring,3 wire switch,5'	1.0000 Ea	0.0590	5.8500
16110321270	Flex wiring,3 wire switch,10'	1.0000 Ea	0.1000	11.8000
16110321280	Flex wiring,3 wire switch,15'	1.0000 Ea	0.1450	15.4500

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16110321290	Flex wiring,3 wire switch,20'	1.0000 Ea	0.2000	22.8000
16110321320	Flex wiring,3 wire switch,40'	1.0000 Ea	0.3480	52.5000
16110321340	Flex wiring,distribution boxes,3 circuit	1.0000 Ea	0.6670	11.0000
16110321350	Flex wiring,distribution boxes,4 circuit	1.0000 Ea	0.8000	16.5500
16110321360	Flex wiring,distribution boxes,6 circuit	1.0000 Ea	1.0960	22.1000
16110321390	Flex wiring,tap boxes,1 single pole switch	1.0000 Ea	0.4000	19.2500
16110321410	Flex wiring,tap boxes,1 3 way switch	1.0000 Ea	0.4440	22.4500
16110321420	Flex wiring,tap boxes,1 4 way switch	1.0000 Ea	0.5330	27.9000
16110321430	Flex wiring,tap boxes,1 receptacle	1.0000 Ea	0.4000	17.3500
16110321440	Flew wiring,tap boxes,2 receptacles	1.0000 Ea	0.5330	21.7000
16110321500	Flex wiring,dust cap	1.0000 Ea	0.1000	2.8500
16110321510	Flex wiring,cable coupler	1.0000 Ea	0.2000	6.7000
16110321520	Flex wiring,reversing connector	1.0000 Ea	0.2960	9.5500
16110121010	Cable tray,6"	1.0000 Lf	0.0590	9.7500
16110121020	Cable tray,6",ventilated cover	1.0000 Lf	0.0300	3.9500
16110121040	Cable tray,6",flat 90	1.0000 Ea	0.5000	45.9000
16110121050	Cable tray,6",outside 90	1.0000 Ea	0.5000	38.7000
16110121060	Cable tray,6",inside 90	1.0000 Ea	0.5000	42.4000
16110121070	Cable tray,6",flat 45	1.0000 Ea	0.5000	35.1000
16110121080	Cable tray,6",outside 45	1.0000 Ea	0.5000	29.0000
16110121090	Cable tray,6",inside 45	1.0000 Ea	0.5000	30.2000
16110121110	Cable tray,6",support riser	1.0000 Ea	0.5000	58.0000
16110121120	Cable tray,6",adjustable riser	1.0000 Ea	0.5000	6.4500
16110121130	Cable tray,6",tee	1.0000 Ea	1.7390	59.5000
16110121140	Cable tray,6",cross	1.0000 Ea	1.8180	80.0000
16110121150	Cable tray,6",blind end	1.0000 Ea	0.2960	4.7500
16110121160	Cable tray,6",expansion joint	1.0000 Ea	0.5000	21.8000
16110121170	Cable tray,6",box connector	1.0000 Ea	2.5000	14.5000
16110121180	Cable tray,6",standard dropout	1.0000 Ea	0.5000	2.5500
16110121190	Cable tray,6",standard dropout,2"	1.0000 Ea	0.6150	12.4000
16110121200	Cable tray,6",standard dropout,3"	1.0000 Ea	0.8000	21.8000
16110121210	Cable tray,6",standard dropout,4"	1.0000 Ea	1.0000	35.1000
16110121390	Cable tray,9",standard dropout	1.0000 Ea	0.5330	2.8000
16110121830	Cable tray,18",standard dropout,3"	1.0000 Ea	0.9520	23.0000
16110121840	Cable tray,18",standard dropout,4"	1.0000 Ea	1.1940	37.4000
16110122270	Cable tray,reducers,9"-6"	1.0000 Ea	0.5000	34.8000
16110122280	Cable tray,reducers,12"-9"	1.0000 Ea	0.5000	36.3000
16110122290	Cable tray,reducers,18"-12"	1.0000 Ea	0.6150	38.5000
16110122300	Cable tray,reducers,24"-18"	1.0000 Ea	0.7270	42.9000
16110122310	Cable tray,reducers,36"-18"	1.0000 Ea	0.8000	53.0000
16110122320	Cable tray,reducers,36"-24"	1.0000 Ea	0.8990	54.0000
16110122330	Cable tray,conduit dropouts,3/4"	1.0000 Ea	0.3480	4.6000
16110122340	Cable tray,conduit dropouts,1"	1.0000 Ea	0.3480	4.8000
16110122350	Cable tray,conduit dropouts,1-1/4"	1.0000 Ea	0.4000	5.5500
16110122360	Cable tray,conduit dropouts,1-1/2"	1.0000 Ea	0.5000	6.4000
16110122370	Cable tray,conduit dropouts,2"	1.0000 Ea	0.5330	7.3500
16110122380	Cable tray,conduit dropouts,2-1/2"	1.0000 Ea	0.7270	8.4500
16110122390	Cable tray,conduit dropouts,3"	1.0000 Ea	0.8000	9.7500
16110122400	Cable tray,wall brackets,6"	1.0000 Ea	0.1450	18.1000

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16110122410	Cable tray,wall brackets,9"	1.0000 Ea	0.1450	20.8500
16110122420	Cable tray,wall brackets,12"	1.0000 Ea	0.2000	22.0000
16110122430	Cable tray,wall brackets,18"	1.0000 Ea	0.2500	26.4000
16110122440	Cable tray,wall brackets,24"	1.0000 Ea	0.2960	30.8000
16110122450	Cable tray,wall brackets,36"	1.0000 Ea	0.4000	38.8000
16130101020	Floor boxes,cast bronze round	1.0000 Ea	0.7270	32.1000
16130101065	Floor boxes,aluminum round	1.0000 Ea	0.7270	50.0000
16130101040	Floor boxes,cast bronze round,1 gang	1.0000 Ea	0.8000	37.2000
16130101050	Floor boxes,cast bronze round,2 gang	1.0000 Ea	0.9520	70.5000
16130101060	Floor boxes,cast bronze round,3 gang	1.0000 Ea	1.0000	100.0000
16130101070	Floor boxes,aluminum round,1 gang	1.0000 Ea	0.8000	42.3000
16130101080	Floor boxes,aluminum round,2 gang	1.0000 Ea	0.9520	75.5000
16130101090	Floor boxes,aluminum round,3 gang	1.0000 Ea	1.0000	101.0000
16130101100	Floor boxes,steel plate single recept	1.0000 Ea	0.1450	14.1000
16130101120	Floor boxes,twist lock recept	1.0000 Ea	0.1820	14.3000
16130101130	Floor boxes,plug,3/4"	1.0000 Ea	0.1450	17.9500
16130101140	Floor boxes,plug,1"	1.0000 Ea	0.1450	16.6500
16130101150	Floor boxes,carpet flange	1.0000 Ea	0.1450	21.8000
16130101520	Floor boxes,telephone	1.0000 Ea	0.5000	30.3000
16130101530	Floor box nozzles,horizontal,duplex recept	1.0000 Ea	0.5330	92.5000
16130101540	Floor box nozzles,horizontal,single recept	1.0000 Ea	0.5330	91.5000
16130101550	Floor box nozzles,horizontal,double duplex recept	1.0000 Ea	0.7270	99.0000
16130101560	Floor box nozzles,vertical,duplex recept	1.0000 Ea	0.6150	92.5000
16130101570	Floor box nozzles,vertical,double duplex recept	1.0000 Ea	0.7270	96.5000
16130101580	Floor box bell nozzles split bell	1.0000 Ea	0.2500	16.6500
16130101590	Floor box bell nozzles one piece bell	1.0000 Ea	0.2500	52.5000
16130101600	Floor box standpipe,1/2"x 3"	1.0000 Ea	0.1450	14.5000
16130101610	Floor box standpipe,1/2"x 1"	1.0000 Ea	0.1450	14.3000
16130405010	Round cast box,type SEH,1/2"	1.0000 Ea	0.3480	12.7000
16110321040	Flex wiring,single circuit cables,20'	1.0000 Ea	0.2000	22.5000
16110321300	Flex wiring,3 wire switch,25'	1.0000 Ea	0.2670	30.3000
16110321400	Flex wiring,tap boxes,2 single pole switches	1.0000 Ea	0.5330	21.2000
16110121030	Cable tray,6",solid cover	1.0000 Lf	0.0300	3.1000
16110121100	Cable tray,6",adjustable elbow	1.0000 Ea	0.5000	43.6000
16130101110	Floor boxes,duplex recept	1.0000 Ea	0.1820	13.4500
16350105340	Enclosed CB,3 pole,70-100a,NEMA 3R	1.0000 Ea	1.7390	226.0000
05054001000	Nails #10d galvanized	1.0000 Lb	0.0000	1.1500
02110501000	Grading,by hand,for slab	1.0000 Sy	4.8000	0.0000
05055001000	Post anchors,embedded in concrete	1.0000 Ea	0.2500	3.3000
05056001000	Anchor bolts,embedded in concrete	1.0000 Ea	0.0500	1.2500
02220501000	Excavate post holes,incl layout	1.0000 Ea	1.5000	0.0000
03310501000	Washed sand for 4" base	1.0000 Cy	0.0000	22.5000
04441101000	Flagstone,irregular shapes,1" thick	1.0000 Sf	0.2000	1.7500
06	*** WOOD & PLASTICS	1.0000	0.0000	0.0000
02110401000	Clear & grub,light work	1.0000 Acr	44.0000	0.0000
03570801000	Retaining wall,conc,6 ft high,in place	1.0000 Lf	3.2000	47.3550
03345401000	Concrete float finishing	1.0000 Sf	0.0100	0.0000
02220401000	Backfill>manual,light soil	1.0000 Cy	0.9000	0.0000
03310201000	Crushed gravel	1.0000 Ton	0.0000	16.5000

Sheet1

03311401000	Portland cement,plain	1.0000 Bag	0.0000	7.5000
03513601000	Concrete in place,footings	1.0000 Cy	3.0000	80.0000
06050401000	Drywall nails,galvanized	1.0000 Lb	0.0000	1.0500
06050601000	Common nails,all sizes,plain	1.0000 Lb	0.0000	0.6400
06050801000	Finish nails,galvanized	1.0000 Lb	0.0000	0.7300
05053001000	Lag screws,steel,1/2"dia,3" long	1.0000 Ea	0.0800	0.5500
05050801000	Bolt & hex nuts,steel,1/4'dia,2"long	1.0000 Ea	0.0000	0.0600
02012300100	Auger holes,2-1/2" dia.	1.0000 Lf	0.4000	0.0000
02226201000	Fill,gravel,hand spread,compact,6" deep	1.0000 Sf	0.0100	0.2150
02525401000	Concrete curbs,6"x18" straight	1.0000 Lf	0.1000	3.2500
04215001000	Sand blast,wet system	1.0000 Sf	0.0300	0.1800
06055101000	Wood screws,#8, 1" long	1.0000 C	0.0000	2.6500
02071401000	Removal,tile	1.0000 Sf	0.0210	0.0000
03512801000	Conc in place,sidewalks,driveways,4" thk	1.0000 Sf	0.0400	0.9500
02525601000	Edging,redwood,1"x4"	1.0000 Lf	0.0350	0.8500
03514201000	Concrete in place,slab on grade,6" thick	1.0000 Cy	1.1500	65.0000
02022002000	Remove lead paint,door,one side	1.0000 Sf	0.0600	0.1600
02020001000	Remove wallpaper,3 layer	1.0000 Sf	0.0200	0.0400
01641220000	Concrete vibrator,electric,2 hp,rent by day	1.0000 Ea	0.0000	0.0000
01643910000	Extension ladder,16-36 ft,rent by day	1.0000 Ea	0.0000	0.0000
01644200000	Level,self leveling,rent by day	1.0000 Ea	0.0000	0.0000
01644300000	Transit with tripod,rent by day	1.0000 Ea	0.0000	0.0000
01330120000	Structure layout,small size	1.0000 Ea	2.0000	0.0000
01330730000	Final cleanup & demobilization,small project	1.0000 Lot	4.0000	0.0000
01330834000	Final cleanup & demobilization,medium project	1.0000 Lot	8.0000	0.0000
01330640000	Building layout,single family unit	1.0000 Ea	24.0000	0.0000
01330421000	Building extension layout	1.0000 Ea	4.0000	0.0000
16005001000	Electrical wiring,4 outlets,1 switch	1.0000 Lot	4.0000	45.0000
16006001000	Electrical wiring,8 outlets,2 switches	1.0000 Lot	8.0000	80.0000
10305401000	Fireplace,prefab,w/hood & screen	1.0000 Ea	10.0000	875.0000
06421001000	Hardware,drawer handles & pulls	1.0000 Ea	0.1000	3.5000
06421201000	Hardware,drawer tracks & glides	1.0000 Pr	0.2500	10.2500
10185201000	Tub enclosure,alum frame,tempered glas	1.0000 Ea	5.5000	230.0000
06421401000	Cabinet hinges,average	1.0000 Ea	0.1000	3.5000
15729201000	Exhaust fan,bath,95 cfm	1.0000 Ea	1.5000	65.0000
10185001000	Shower doors,tempered glass	1.0000 Ea	2.2500	245.0000
08363010000	Garage door opener,3/4 HP,electric	1.0000 Ea	3.0000	185.0000
07710410000	Fascia,aluminum,plain,12"	1.0000 Lf	0.0600	1.7000
06220102800	Cabinets,wall,12" high,12" deep,hardwood,avg	1.0000 Lf	0.3000	33.5000
06220103800	Cabinets,wall,30" high,12" deep,hardwood,avg	1.0000 Lf	0.5000	85.0000
06220104800	Cabinets,sink base,2 doors,hardwood,avg	1.0000 Lf	0.5000	42.0000
11400255000	Refrigerator,no frost,10-12 CF,min	1.0000 Ea	1.6000	300.0000
11400256500	Refrigerator,no frost,10-12 CF,max	1.0000 Ea	2.7500	575.0000
11400265000	Refrigerator,no frost,14-16 CF,min	1.0000 Ea	1.8000	520.0000
11400266000	Refrigerator,no frost,14-16 CF,max	1.0000 Ea	3.2500	875.0000
11400275000	Refrigerator,no frost,18-20 CF,min	1.0000 Ea	2.1000	600.0000
11400276000	Refrigerator,no frost,18-20 CF,max	1.0000 Ea	4.0000	1100.0000
11400285000	Refrigerator,no frost,21-29 CF,min	1.0000 Ea	2.3500	750.0000
11400286000	Refrigerator,no frost,21-29 CF,max	1.0000 Ea	5.5000	2400.0000

LABOR,N,1:OTHER,N,11 SELECT,C,1 TRADE,C,4

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Sheet1

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9.6000	0.0000	A1

Sheet1

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Sheet1

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2.8000	0.0000	1CAR
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Sheet1

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33.6000	0.0000	B1
30.9960	0.0000	B1
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Sheet1

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Sheet1

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Sheet1

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Sheet1

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Sheet1

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Sheet1

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Sheet1

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Sheet1

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1.8020	0.0000	1RFR

Sheet1

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35.0000	0.0000	1CAR

Sheet1

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46.6550	0.0000	1CAR

Sheet1

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Sheet1

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Sheet1

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0.2800	0.0000	1CAR
0.2800	0.0000	1CAR
0.6300	0.0000	1CAR
0.2450	0.0000	1CAR
0.3150	0.0000	1CAR
0.7000	0.0000	1CAR
0.2800	0.0000	1CAR
0.2800	0.0000	1CAR
0.6300	0.0000	1CAR
0.2450	0.0000	1CAR
0.3500	0.0000	1CAR
0.7700	0.0000	1CAR
0.3150	0.0000	1CAR
0.3500	0.0000	1CAR
0.7700	0.0000	1CAR
0.3150	0.0000	1CAR
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2.8000	0.0000	1BRK
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2.3450	0.0000	1BRK
2.5550	0.0000	1BRK
2.4500	0.0000	1BRK
2.3450	0.0000	1BRK
2.5550	0.0000	1BRK
2.4500	0.0000	1BRK
2.3450	0.0000	1BRK

Sheet1

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5.6000	0.0000	1BRK
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4.6550	0.0000	1BRK
7.0000	0.0000	1BRK
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3.4750	0.0000	1PLS
3.9615	0.0000	1PLS
3.7183	0.0000	1PLS
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0.2800	0.0000	1CAR
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1.4000	0.0000	1CAR

Sheet1

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1.2600	0.0000	1CAR
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1.5400	0.0000	1CAR
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0.3470	0.0000	1PNT

Sheet1

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0.3817	0.0000	1PNT
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0.4511	0.0000	1PNT

Sheet1

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0.0000	0.0000	
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Sheet1

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7.0000	0.0000	1CAR
8.0150	0.0000	1CAR
15.5400	0.0000	1CAR
14.0000	0.0000	1CAR
18.6550	0.0000	1CAR
11.2000	0.0000	1CAR
12.7400	0.0000	1CAR
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28.8000	0.0000	1ELC
96.0120	0.0000	1ELC
96.0120	0.0000	1ELC
96.0120	0.0000	1ELC
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96.0120	0.0000	1ELC

Sheet1

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14.0000	0.0000	1CAR

Sheet1

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0.0000	0.0000	
0.0000	0.0000	
0.0000	0.0000	
0.0000	0.0000	
0.0000	0.0000	
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266.6800	0.0000	1PLM
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1.3200	0.0000	1PLM
1.6000	0.0000	1PLM
1.3200	0.0000	1PLM
1.4400	0.0000	1PLM
1.6000	0.0000	1PLM
1.7600	0.0000	1PLM
2.0000	0.0000	1PLM
1.5200	0.0000	1PLM
1.6000	0.0000	1PLM
1.8800	0.0000	1PLM
2.4800	0.0000	1PLM
2.0000	0.0000	1PLM
4.0000	0.0000	1PLM
1.7600	0.0000	1PLM
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12.8000	0.0000	1PLM
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12.8000	0.0000	1PLM
16.0000	0.0000	1PLM
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12.8000	0.0000	1PLM
10.6800	0.0000	1PLM

Sheet1

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10.6800	0.0000	1PLM
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2.6800	0.0000	1PLM
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2.3600	0.0000	1PLM
2.6800	0.0000	1PLM
2.9200	0.0000	1PLM
2.2800	0.0000	1PLM
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2.2800	0.0000	1PLM
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2.6800	0.0000	1PLM
2.9200	0.0000	1PLM
3.0400	0.0000	1PLM
2.1200	0.0000	1PLM
2.2000	0.0000	1PLM
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2.4800	0.0000	1PLM
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0.0000	0.0000	
0.0000	0.0000	
0.0000	0.0000	
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2.2800	0.0000	1PLM

Sheet1

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1.8800	0.0000	1PLM
1.7600	0.0000	1PLM
1.8800	0.0000	1PLM
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1.1600	0.0000	1PLM
1.3200	0.0000	1PLM
1.4400	0.0000	1PLM
1.6000	0.0000	1PLM
4.0000	0.0000	1PLM
4.5600	0.0000	1PLM
1.3200	0.0000	1PLM
1.4400	0.0000	1PLM
1.6000	0.0000	1PLM
1.7600	0.0000	1PLM
2.0000	0.0000	1PLM
2.2800	0.0000	1PLM
10.6800	0.0000	1PLM
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10.6800	0.0000	1PLM
9.1600	0.0000	1PLM
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16.0000	0.0000	1PLM
16.0000	0.0000	1PLM
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2.2800	0.0000	1PLM
1.6000	0.0000	1PLM
12.8000	0.0000	1PLM
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20.0000	0.0000	1PLM
20.0000	0.0000	1PLM
3.2000	0.0000	1PLM
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12.8000	0.0000	1PLM
16.0000	0.0000	1PLM
20.0000	0.0000	1PLM

Sheet1

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26.6800	0.0000	1PLM
26.6800	0.0000	1PLM
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2.6800	0.0000	1PLM
2.9200	0.0000	1PLM
10.6800	0.0000	1PLM
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8.0000	0.0000	1PLM
8.0000	0.0000	1PLM
10.6800	0.0000	1PLM
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10.6800	0.0000	1PLM
26.6800	0.0000	1PLM
26.6800	0.0000	1PLM
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106.6800	0.0000	1PLM
106.6800	0.0000	1PLM
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320.0000	0.0000	1PLM
53.3200	0.0000	1PLM
53.3200	0.0000	1PLM

Sheet1

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10.6800	0.0000	1PLM
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16.0000	0.0000	1PLM
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12.8000	0.0000	1PLM
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17.7600	0.0000	1PLM
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16.0000	0.0000	1PLM
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64.0000	0.0000	1PLM
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12.8000	0.0000	1PLM
8.0000	0.0000	1PLM
12.8000	0.0000	1PLM
12.8000	0.0000	1PLM
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12.8000	0.0000	1PLM
16.0000	0.0000	1PLM
16.0000	0.0000	1PLM
16.0000	0.0000	1PLM
17.7600	0.0000	1PLM
26.6800	0.0000	1PLM
26.6800	0.0000	1PLM
26.6800	0.0000	1PLM
26.6800	0.0000	1PLM
32.0000	0.0000	1PLM

Sheet1

32.0000	0.0000	1PLM
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10.6800	0.0000	1PLM
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12.8000	0.0000	1PLM
12.8000	0.0000	1PLM
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20.0000	0.0000	1PLM
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22.8400	0.0000	1PLM
26.6800	0.0000	1PLM
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32.0000	0.0000	1PLM
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80.0000	0.0000	1PLM
106.6800	0.0000	1PLM
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12.8000	0.0000	1PLM
11.4400	0.0000	1PLM
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12.8000	0.0000	1PLM
12.8000	0.0000	1PLM
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20.0000	0.0000	1PLM
20.0000	0.0000	1PLM
20.0000	0.0000	1PLM
20.0000	0.0000	1PLM
12.8000	0.0000	1PLM
12.8000	0.0000	1PLM
20.0000	0.0000	1PLM
20.0000	0.0000	1PLM
20.0000	0.0000	1PLM
26.6800	0.0000	1PLM
26.6800	0.0000	1PLM
26.6800	0.0000	1PLM
20.0000	0.0000	1PLM
20.0000	0.0000	1PLM
20.0000	0.0000	1PLM

Sheet1

26.6800	0.0000	1PLM
1.0000	0.0000	1PLM
1.0800	0.0000	1PLM
1.1600	0.0000	1PLM
1.3200	0.0000	1PLM
1.4400	0.0000	1PLM
8.0000	0.0000	1PLM
29.0800	0.0000	1PLM
6.4000	0.0000	1PLM
7.1200	0.0000	1PLM
8.0000	0.0000	1PLM
9.1600	0.0000	1PLM
10.6800	0.0000	1PLM
12.8000	0.0000	1PLM
20.0000	0.0000	1PLM
26.6800	0.0000	1PLM
29.0800	0.0000	1PLM
3.2000	0.0000	1PLM
3.3600	0.0000	1PLM
3.5600	0.0000	1PLM
3.7600	0.0000	1PLM
4.0000	0.0000	1PLM
4.5600	0.0000	1PLM
5.8000	0.0000	1PLM
8.0000	0.0000	1PLM
8.0000	0.0000	1PLM
9.1600	0.0000	1PLM
10.6800	0.0000	1PLM
12.8000	0.0000	1PLM
16.0000	0.0000	1PLM
17.7600	0.0000	1PLM
4.0000	0.0000	1PLM
4.2800	0.0000	1PLM
4.5600	0.0000	1PLM
4.9200	0.0000	1PLM
5.3200	0.0000	1PLM
5.8000	0.0000	1PLM
6.4000	0.0000	1PLM
8.0000	0.0000	1PLM
10.6800	0.0000	1PLM
6.4000	0.0000	1PLM
7.1200	0.0000	1PLM
8.0000	0.0000	1PLM
9.1600	0.0000	1PLM
10.6800	0.0000	1PLM
6.4000	0.0000	1PLM
8.0000	0.0000	1PLM
8.4400	0.0000	1PLM
9.4000	0.0000	1PLM

Sheet1

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12.8000	0.0000	1PLM
20.0000	0.0000	1PLM
24.6000	0.0000	1PLM
6.4000	0.0000	1PLM
8.0000	0.0000	1PLM
8.4400	0.0000	1PLM
9.4000	0.0000	1PLM
10.6800	0.0000	1PLM
12.8000	0.0000	1PLM
20.0000	0.0000	1PLM
24.6000	0.0000	1PLM
32.0000	0.0000	1PLM
8.0000	0.0000	1PLM
9.1600	0.0000	1PLM
10.6800	0.0000	1PLM
16.0000	0.0000	1PLM
20.0000	0.0000	1PLM
26.6800	0.0000	1PLM
32.0000	0.0000	1PLM
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8.0000	0.0000	1PLM
9.1600	0.0000	1PLM
10.6800	0.0000	1PLM
16.0000	0.0000	1PLM
20.0000	0.0000	1PLM
26.6800	0.0000	1PLM
32.0000	0.0000	1PLM
40.0000	0.0000	1PLM
6.4000	0.0000	1PLM
7.1200	0.0000	1PLM
8.0000	0.0000	1PLM
9.1600	0.0000	1PLM
10.6800	0.0000	1PLM
12.8000	0.0000	1PLM
20.0000	0.0000	1PLM
26.6800	0.0000	1PLM
3.2000	0.0000	1PLM
4.0000	0.0000	1PLM
4.5600	0.0000	1PLM
5.3200	0.0000	1PLM
6.4000	0.0000	1PLM
8.0000	0.0000	1PLM
10.6800	0.0000	1PLM
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26.6800	0.0000	1PLM
32.0000	0.0000	1PLM
35.5600	0.0000	1PLM

Sheet1

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32.0000	0.0000	1PLM
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20.0000	0.0000	1PLM
12.8000	0.0000	1PLM
20.0000	0.0000	1PLM
6.4000	0.0000	1PLM
6.4000	0.0000	1PLM
7.1200	0.0000	1PLM
6.4000	0.0000	1PLM
8.0000	0.0000	1PLM
8.0000	0.0000	1PLM
8.0000	0.0000	1PLM
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6.4000	0.0000	1PLM
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4.0000	0.0000	1PLM
4.0000	0.0000	1PLM
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5.3200	0.0000	1PLM
6.4000	0.0000	1PLM
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4.0000	0.0000	1PLM
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320.0000	0.0000	1PLM
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320.0000	0.0000	1PLM
320.0000	0.0000	1PLM
160.0000	0.0000	1PLM

Sheet1

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106.6800	0.0000	1PLM
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106.6800	0.0000	1PLM
106.6800	0.0000	1PLM
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106.6800	0.0000	1PLM
160.0000	0.0000	1PLM
106.6800	0.0000	1PLM
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106.6800	0.0000	1PLM
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80.0000	0.0000	1PLM
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160.0000	0.0000	1PLM
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1.7600	0.0000	1PLM
6.4000	0.0000	1PLM
6.8000	0.0000	1PLM
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7.6000	0.0000	1PLM
8.6400	0.0000	1PLM
9.1600	0.0000	1PLM

Sheet1

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12.3200	0.0000	1PLM
12.8000	0.0000	1PLM
13.3200	0.0000	1PLM
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26.6800	0.0000	1PLM
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16.0000	0.0000	1PLM
20.0000	0.0000	1PLM
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22.8400	0.0000	1PLM
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22.8400	0.0000	1PLM
16.0000	0.0000	1PLM
17.7600	0.0000	1PLM
17.7600	0.0000	1PLM
18.8400	0.0000	1PLM
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22.8400	0.0000	1PLM
22.8400	0.0000	1PLM
24.6000	0.0000	1PLM
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26.6800	0.0000	1PLM
22.8400	0.0000	1PLM
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26.6800	0.0000	1PLM
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26.6800	0.0000	1PLM
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1.0000	0.0000	1PLM
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Sheet1

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13.9200	0.0000	1PLM
16.0000	0.0000	1PLM
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16.0000	0.0000	1PLM
20.0000	0.0000	1PLM
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14.5600	0.0000	1PLM
14.5600	0.0000	1PLM
16.0000	0.0000	1PLM
16.0000	0.0000	1PLM
12.8000	0.0000	1PLM
12.8000	0.0000	1PLM
13.9200	0.0000	1PLM
14.5600	0.0000	1PLM
14.5600	0.0000	1PLM
16.0000	0.0000	1PLM
16.0000	0.0000	1PLM
17.7600	0.0000	1PLM
14.5600	0.0000	1PLM
14.5600	0.0000	1PLM
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12.8000	0.0000	1PLM
14.5600	0.0000	1PLM
26.6800	0.0000	1PLM
32.0000	0.0000	1PLM
14.5600	0.0000	1PLM
16.0000	0.0000	1PLM
16.8400	0.0000	1PLM
17.7600	0.0000	1PLM
17.7600	0.0000	1PLM
16.0000	0.0000	1PLM
16.8400	0.0000	1PLM
17.7600	0.0000	1PLM
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21.3200	0.0000	1PLM
17.7600	0.0000	1PLM
17.7600	0.0000	1PLM
16.0000	0.0000	1PLM
16.0000	0.0000	1PLM
16.0000	0.0000	1PLM
16.8400	0.0000	1PLM

Sheet1

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32.0000	0.0000	1PLM
12.8000	0.0000	1PLM
14.5600	0.0000	1PLM
16.0000	0.0000	1PLM
16.8400	0.0000	1PLM
17.7600	0.0000	1PLM
12.8000	0.0000	1PLM
12.8000	0.0000	1PLM
14.5600	0.0000	1PLM
16.0000	0.0000	1PLM
16.8400	0.0000	1PLM
17.7600	0.0000	1PLM
18.8400	0.0000	1PLM
12.8000	0.0000	1PLM
16.0000	0.0000	1PLM
16.0000	0.0000	1PLM
16.8400	0.0000	1PLM
16.8400	0.0000	1PLM
12.8000	0.0000	1PLM
14.5600	0.0000	1PLM
16.0000	0.0000	1PLM
16.8400	0.0000	1PLM
16.0000	0.0000	1PLM
16.0000	0.0000	1PLM
16.8400	0.0000	1PLM
17.7600	0.0000	1PLM
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16.8400	0.0000	1PLM
17.7600	0.0000	1PLM
65.4480	0.0000	1ELC
110.7720	0.0000	1ELC
125.2080	0.0000	1ELC
137.1600	0.0000	1ELC
154.8360	0.0000	1ELC
271.6920	0.0000	1ELC
0.0000	0.0000	
9.0000	0.0000	1ELC
12.5280	0.0000	1ELC
19.1880	0.0000	1ELC
14.4000	0.0000	1ELC
22.1400	0.0000	1ELC
10.6560	0.0000	1ELC
14.4000	0.0000	1ELC
14.4000	0.0000	1ELC
15.9840	0.0000	1ELC
22.1400	0.0000	1ELC

Sheet1

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24.0120	0.0000	1ELC
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18.0000	0.0000	1ELC
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10.6560	0.0000	1ELC
14.4000	0.0000	1ELC
10.6560	0.0000	1ELC
14.4000	0.0000	1ELC
19.1880	0.0000	1ELC
12.5280	0.0000	1ELC
28.8000	0.0000	1ELC
45.0000	0.0000	1ELC
62.6040	0.0000	1ELC
54.3240	0.0000	1ELC
79.9920	0.0000	1ELC
32.3640	0.0000	1ELC
45.0000	0.0000	1ELC
62.6040	0.0000	1ELC
54.3240	0.0000	1ELC
79.9920	0.0000	1ELC
28.8000	0.0000	1ELC
45.0000	0.0000	1ELC
54.3240	0.0000	1ELC
54.3240	0.0000	1ELC
79.9920	0.0000	1ELC
36.0000	0.0000	1ELC
62.6040	0.0000	1ELC
54.3240	0.0000	1ELC
79.9920	0.0000	1ELC
62.6040	0.0000	1ELC
79.9920	0.0000	1ELC
45.0000	0.0000	1ELC
115.2000	0.0000	1ELC
144.0000	0.0000	1ELC
191.9880	0.0000	1ELC
205.7040	0.0000	1ELC
90.0000	0.0000	1ELC
180.0000	0.0000	1ELC
36.0000	0.0000	1ELC
36.0000	0.0000	1ELC
0.0000	0.0000	
1.8000	0.0000	1ELC
1.8000	0.0000	1ELC
1.8000	0.0000	1ELC
1.8000	0.0000	1ELC
1.8000	0.0000	1ELC
1.8000	0.0000	1ELC

Sheet1

1.8000	0.0000	1ELC
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1.8000	0.0000	1ELC
1.8000	0.0000	1ELC
1.8000	0.0000	1ELC
1.8000	0.0000	1ELC
1.8000	0.0000	1ELC
5.2200	0.0000	1ELC
5.2200	0.0000	1ELC
5.2200	0.0000	1ELC
9.0000	0.0000	1ELC
9.0000	0.0000	1ELC
12.5280	0.0000	1ELC
12.5280	0.0000	1ELC
11.0880	0.0000	1ELC
12.5280	0.0000	1ELC
0.0000	0.0000	
0.0000	0.0000	
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32.0040	0.0000	1ELC
36.0000	0.0000	1ELC
18.0000	0.0000	1ELC
18.0000	0.0000	1ELC
24.0120	0.0000	1ELC
36.0000	0.0000	1ELC
57.6000	0.0000	1ELC
26.1720	0.0000	1ELC
47.9880	0.0000	1ELC
24.0120	0.0000	1ELC
24.0120	0.0000	1ELC
26.1720	0.0000	1ELC
32.0040	0.0000	1ELC
12.5280	0.0000	1ELC
47.9880	0.0000	1ELC
57.6000	0.0000	1ELC
144.0000	0.0000	1ELC
161.7840	0.0000	1ELC
62.6040	0.0000	1ELC
87.2640	0.0000	1ELC
87.2640	0.0000	1ELC
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36.0000	0.0000	1ELC
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47.9880	0.0000	1ELC
125.2080	0.0000	1ELC
62.6040	0.0000	1ELC
72.0000	0.0000	1ELC
5.2200	0.0000	1ELC
5.2200	0.0000	1ELC

Sheet1

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92.9160	0.0000	1ELC
90.0000	0.0000	1ELC
92.9160	0.0000	1ELC
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125.2080	0.0000	1ELC
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26.9280	0.0000	1ELC
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19.8720	0.0000	1ELC
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9.0000	0.0000	1ELC
14.4000	0.0000	1ELC
2.8800	0.0000	1ELC
3.6000	0.0000	1ELC
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4.4280	0.0000	1ELC
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3.6000	0.0000	1ELC
4.4280	0.0000	1ELC
5.2200	0.0000	1ELC
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24.0120	0.0000	1ELC
26.1720	0.0000	1ELC
26.1720	0.0000	1ELC
26.1720	0.0000	1ELC
36.0000	0.0000	1ELC
36.0000	0.0000	1ELC
24.0120	0.0000	1ELC
24.0120	0.0000	1ELC
24.0120	0.0000	1ELC
54.3240	0.0000	1ELC
54.3240	0.0000	1ELC
54.3240	0.0000	1ELC
45.0000	0.0000	1ELC
26.1720	0.0000	1ELC
18.0000	0.0000	1ELC

Sheet1

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9.0000	0.0000	1ELC
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5.2200	0.0000	1ELC
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5.2200	0.0000	1ELC
7.2000	0.0000	1ELC
5.2200	0.0000	1ELC
7.2000	0.0000	1ELC
1.8000	0.0000	1ELC
5.2200	0.0000	1ELC
1.8000	0.0000	1ELC
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5.2200	0.0000	1ELC
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3.6000	0.0000	1ELC
3.6000	0.0000	1ELC
5.2200	0.0000	1ELC
0.0000	0.0000	
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3.6000	0.0000	1ELC
3.6000	0.0000	1ELC
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3.6000	0.0000	1ELC
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3.6000	0.0000	1ELC
3.6000	0.0000	1ELC
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3.6000	0.0000	1ELC
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1.8000	0.0000	1ELC
1.8000	0.0000	1ELC
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2.8800	0.0000	1ELC
2.8800	0.0000	1ELC
1.0800	0.0000	1ELC
1.0800	0.0000	1ELC

Sheet1

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1.8000	0.0000	1ELC
1.8000	0.0000	1ELC
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2.1240	0.0000	1ELC
2.1240	0.0000	1ELC
3.6000	0.0000	1ELC
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4.4280	0.0000	1ELC
5.2200	0.0000	1ELC
6.8400	0.0000	1ELC
7.9920	0.0000	1ELC
1.8000	0.0000	1ELC
0.1800	0.0000	1ELC
0.2160	0.0000	1ELC
0.2880	0.0000	1ELC
0.5760	0.0000	1ELC
0.7200	0.0000	1ELC
0.9360	0.0000	1ELC
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1.1880	0.0000	1ELC
1.4040	0.0000	1ELC
1.5840	0.0000	1ELC
1.0800	0.0000	1ELC
1.4400	0.0000	1ELC
1.8000	0.0000	1ELC
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2.8800	0.0000	1ELC
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3.8520	0.0000	1ELC
4.4280	0.0000	1ELC
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6.8400	0.0000	1ELC
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3.2040	0.0000	1ELC
3.2040	0.0000	1ELC
3.8520	0.0000	1ELC
5.2200	0.0000	1ELC
6.8400	0.0000	1ELC
2.1240	0.0000	1ELC
2.1240	0.0000	1ELC
2.1240	0.0000	1ELC
3.2040	0.0000	1ELC
3.8520	0.0000	1ELC

Sheet1

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1.0800	0.0000	1ELC
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1.8000	0.0000	1ELC
2.1240	0.0000	1ELC
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9.0000	0.0000	1ELC
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57.6000	0.0000	1ELC

Sheet1

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0.5760	0.0000	1ELC
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1.4400	0.0000	1ELC

Sheet1

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106.6680	0.0000	1ELC
125.2080	0.0000	1ELC
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7.2000	0.0000	1ELC
10.6560	0.0000	1ELC
7.2000	0.0000	1ELC

Sheet1

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47.9880	0.0000	1ELC
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144.0000	0.0000	1ELC
216.5400	0.0000	1ELC
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0.0000	0.0000	1ELC
0.0000	0.0000	1ELC
4.7880	0.0000	1ELC

Sheet1

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1.8000	0.0000	1ELC
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3.6000	0.0000	1ELC
3.6000	0.0000	1ELC
5.4000	0.0000	1ELC
3.6000	0.0000	1ELC
3.6000	0.0000	1ELC
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5.2200	0.0000	1ELC
3.6000	0.0000	1ELC
3.6000	0.0000	1ELC
5.2200	0.0000	1ELC
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6.5520	0.0000	1ELC
8.2440	0.0000	1ELC
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7.2000	0.0000	1ELC
7.2000	0.0000	1ELC

Sheet1

4.4280	0.0000	1ELC
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7.2000	0.0000	1ELC
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7.2000	0.0000	1ELC
10.6560	0.0000	1ELC
0.1440	0.0000	1ELC
0.1800	0.0000	1ELC
0.2160	0.0000	1ELC
0.2880	0.0000	1ELC
0.3240	0.0000	1ELC
0.2880	0.0000	1ELC
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7.2000	0.0000	1ELC
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12.5280	0.0000	1ELC
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7.2000	0.0000	1ELC
7.2000	0.0000	1ELC
10.6560	0.0000	1ELC
10.6560	0.0000	1ELC
2.1240	0.0000	1ELC
3.6000	0.0000	1ELC
5.2200	0.0000	1ELC
2.1240	0.0000	1ELC
3.6000	0.0000	1ELC
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7.2000	0.0000	1ELC
9.6120	0.0000	1ELC
2.1240	0.0000	1ELC
3.6000	0.0000	1ELC
5.2200	0.0000	1ELC
7.2000	0.0000	1ELC
9.6120	0.0000	1ELC
2.1240	0.0000	1ELC
3.6000	0.0000	1ELC
5.2200	0.0000	1ELC

Sheet1

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7.2000	0.0000	1ELC
10.6560	0.0000	1ELC
2.1240	0.0000	1ELC
1.0800	0.0000	1ELC
18.0000	0.0000	1ELC
18.0000	0.0000	1ELC
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18.0000	0.0000	1ELC
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65.4480	0.0000	1ELC
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18.0000	0.0000	1ELC
90.0000	0.0000	1ELC
18.0000	0.0000	1ELC
22.1400	0.0000	1ELC
28.8000	0.0000	1ELC
36.0000	0.0000	1ELC
19.1880	0.0000	1ELC
34.2720	0.0000	1ELC
42.9840	0.0000	1ELC
18.0000	0.0000	1ELC
18.0000	0.0000	1ELC
22.1400	0.0000	1ELC
26.1720	0.0000	1ELC
28.8000	0.0000	1ELC
32.3640	0.0000	1ELC
12.5280	0.0000	1ELC
12.5280	0.0000	1ELC
14.4000	0.0000	1ELC
18.0000	0.0000	1ELC
19.1880	0.0000	1ELC
26.1720	0.0000	1ELC
28.8000	0.0000	1ELC
5.2200	0.0000	1ELC

Sheet1

5.2200	0.0000	1ELC
7.2000	0.0000	1ELC
9.0000	0.0000	1ELC
10.6560	0.0000	1ELC
14.4000	0.0000	1ELC
26.1720	0.0000	1ELC
26.1720	0.0000	1ELC
28.8000	0.0000	1ELC
34.2720	0.0000	1ELC
36.0000	0.0000	1ELC
28.8000	0.0000	1ELC
34.2720	0.0000	1ELC
36.0000	0.0000	1ELC
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6.5520	0.0000	1ELC
5.2200	0.0000	1ELC
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5.2200	0.0000	1ELC
18.0000	0.0000	1ELC
19.1880	0.0000	1ELC
19.1880	0.0000	1ELC
26.1720	0.0000	1ELC
22.1400	0.0000	1ELC
26.1720	0.0000	1ELC
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9.0000	0.0000	1ELC
5.2200	0.0000	1ELC
5.2200	0.0000	1ELC
12.5280	0.0000	1ELC
7.2000	0.0000	1ELC
9.6120	0.0000	1ELC
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62.6040	0.0000	1ELC
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230.4000	0.0000	A1
8.7500	0.0000	1CAR
1.7500	0.0000	1CAR
42.0000	0.0000	1LAB
0.0000	0.0000	
7.0000	0.0000	1BRK
0.0000	0.0000	
1232.0000	0.0000	1LAB
89.6000	0.0000	1LAB
0.2800	0.0000	1LAB
25.2000	0.0000	1LAB
0.0000	0.0000	1LAB

Sheet1

0.0000	0.0000	
84.0000	0.0000	1LAB
0.0000	0.0000	
0.0000	0.0000	
0.0000	0.0000	
2.8000	0.0000	1CAR
0.0000	0.0000	
11.2000	0.0000	1LAB
0.2800	0.0000	1LAB
2.8000	0.0000	1LAB
0.8400	0.0050	1LAB
0.0000	0.0000	
0.5880	0.0000	1LAB
1.1200	0.0000	1LAB
0.9800	0.0000	1LAB
32.2000	0.0000	1LAB
1.6800	0.0000	1LAB
0.5600	0.0000	1LAB
0.0000	17.5000	
0.0000	10.0000	
0.0000	96.0000	
0.0000	35.0000	
70.0000	0.0000	1CAR
112.0000	0.0000	1LAB
224.0000	0.0000	1LAB
840.0000	0.0000	1CAR
140.0000	0.0000	1CAR
144.0000	0.0000	1ELC
288.0000	0.0000	1ELC
350.0000	0.0000	1CAR
3.5000	0.0000	1CAR
8.7500	0.0000	1CAR
192.5000	0.0000	1CAR
3.5000	0.0000	1CAR
60.0000	0.0000	1PLM
78.7500	0.0000	1CAR
105.0000	0.0000	1CAR
2.1000	0.0000	1CAR
10.5000	0.0000	1CAR
17.5000	0.0000	1CAR
17.5000	0.0000	1CAR
44.8000	0.0000	1LAB
77.0000	0.0000	1LAB
50.4000	0.0000	1LAB
91.0000	0.0000	1LAB
58.8000	0.0000	1LAB
112.0000	0.0000	1LAB
65.8000	0.0000	1LAB
154.0000	0.0000	1LAB