

Vaults / Manholes (Power & Communication)											
SAP			Product	Engineered	Description	Max	Max		Weight		
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Load	Depth	Notes	LBS	KG	
405015	Telus 1030574	8100	1-0002	102-01/102-02	Type 'A' Vault - Assembly (Rack No. 1174)		2.1 M	4" Ducts	13,333	6,060	
405026	SaskTel 121849	8100	1-0003	103-05	Hand Hole Vault Base			4" Ducts	5,608	2,549	
405027	SaskTel 121850	8100	1-0003	103-06	Hand Hole Vault Standard Lid w/Checkered Lid			4" Ducts	989	450	
405025	SaskTel 121851	8100	1-0003	103-02	Hand Hole Vault Special Lid (Type 'A')				1,900	864	
405016	Telus 1030575	8100	1-0004	104-01/104-02	Type 'A' Vault - Assembly (Rack No. 1176)		1.9 M	4" Ducts	22,050	10,023	
410111	Edmonton LRT	8100	1-0004	104-01A/104-10	Type 'A' Vault - Rectangular Opening (Lid Extra)			4" Ducts	24,127	10,967	
405017	Telus 1030576	8100	1-0005	105-01/105-02	Type 'T' Vault - Assembly (Rack No. 1177)		3.0 M	4" Ducts	24,127	10,967	
405018	ENMAX	8100	1-0005	105-03/105-04	Manhole - Type 'T'		1.6 M	6" Ducts	24,127	10,967	
412116	EPCOR Stk No. 15363	8100	1-0005	105-05/105-06	Type 'T' Vault - Assembly (aka. Pull Box)		2.0 M	6" Ducts	24,127	10,967	
405019	Telus 1030577	8100	1-0006	106-01/106-02	Type 'A' Vault - Assembly (Rack No. 1178)		2.6 M	4" Ducts	34,656	15,753	
409545		7100	1-0006	106-03/106-04	Type 'A' Vault - Assembly		2.6 M		34,656	15,753	
405020	SaskTel 121852	8100	1-0006	106-13/106-14	Type 'A' Vault - Assembly		2.6 M	4" Ducts	34,656	15,753	
		8100	1-0006	106-15/106-16	Type 'A' Vault - Assembly			T4" & B5" Ducts	34,656	15,753	
409702	Manitoba Hydro	7100	1-0006	106-01 (Bot)	Type 'A' Vault - Assembly (Rack No. 105385) GFRP	CL-625	3.0 M	5" Ducts	34,656	15,753	
409703				106-02 (Top)							
405021	Telus 1030580	8100	1-0007	107-01/107-02	Type 'T' Vault - Assembly (Rack No. 1179)		2.6 M	4" Ducts	34,656	15,753	
409557	ENMAX	8100	1-0007	107-09/107-10	Manhole - Type 'T'		1.6 M	T4" & B5" Ducts	34,656	15,753	
409718	Manitoba Hydro	7100	1-0007	107-11 (Bot)	Type 'T' Vault - Assembly (Rack No. 105385) GFRP	CL-625	3.0 M	5" Ducts	34,656	15,753	
409719				107-12 (Top)							
405022	ENMAX	8100	1-0008	108-01/108-02	Manhole - Type 'A'		1.6 M	6" Ducts	41,756	18,980	
405023	ENMAX	8100	1-0008	108-08/108-09	Manhole - Type 'T'		1.6 M	6" Ducts	41,756	18,980	
405028	ENMAX	8100	1-0008	108-07/108-24	Manhole - Type 'A'		1.6 M	T4" & B5" Ducts	43,296	19,680	
409862	ENMAX	8100	1-0008	108-07/108-26	Manhole - Type 'T4'		1.6 M	T4" & B5" Ducts	43,296	19,680	
400289	ENMAX	8100	1-0008	108-16/108-17	Manhole - LRT		1.6 M	4" Ducts	43,296	19,680	
405024		8101	1-0009	109-01/109-02	Type 'V' Vault - Assembly (Rack No. 1180)		2.0 M	4" Ducts	39,199	17,818	
	SaskTel 121853	8100	1-0014	114-01/114-02	Type 'V' Vault - Assembly		0.5 M	4" Ducts	35,000	15,909	
410008	Telus 1459989	8101			Type 'T' Vault - Plug Slab top Lid				1,843	838	
	Telus 1062222	8100	1-0017	117-01	Replacement Vault (Intercept Existing Conduit)		1.9 M		26,349	11,977	
400294		8100	1.0018	118-01	Type 'A' Vault - Assembly		2.6 M	4" Ducts	30,535	13,880	
412084	SaskTel 1000 656	8100	1-0019	119-01 (Top)	Loading Manhole Vault - Assembly (Rack No. 1180)			4" Ducts	61,429	27,922	
412083				119-02 (Bot)							
413131	Manitoba Hydro	7100	1-0019	119-03 (Top)	Loading Manhole Vault - Assembly (Rack No. 1180) GFRP	CL-625	1.6 M	6" Ducts	62,188	28,267	
413132				119-04 (Bot)							
409870	ENMAX	8100			Mark VII - Left End Section		CL-625	4" Ducts	31,850	14,477	
409871	ENMAX	8100			Mark VII - Center Section (per Piece)		CL-625		27,120	12,327	
409873	ENMAX	8100			Mark VII - Right End Section		CL-625	4" Ducts	31,850	14,477	
1593			65 / 75		Vault/Manhole Installation (Standard Vaults)	Freight not included	Weekday Install	Per Vault			
1593			65 / 75		Vault/Manhole Installation (Standard Vaults)	Freight not included	Weekend Install	Per Vault			
1593				DF:5000	Manhole Installation (Mark VII Vault)	Freight not included	Weekday Install				
1593				DF:5000	Manhole Installation (Mark VII Vault)	Freight not included	Weekend Install				

Notes: Type A: Centre Opening, Type T: Offset Opening, Type V: Double Opening

Vaults are NOT TRAFFIC RATED unless stated. Max Depth is measured from top of vault.

Traffic Rated Manholes / Vaults available upon request, Contact ARMTEC Sales for quote.

Minimum Barial Depth for all Manholes / Vaults: 600mm

Neck Extensions Sold Separately

Vaults / Manholes - Neck Extensions Kits (Power & Communication)												
SAP				Engineered	Description			Max	Max		Weight	
Part No.	Reference	Plant		Drawing No.	Product	Inside Dimensions	Load	Depth	Notes	LBS	KG	
1739	Standard	8100	Quantity	KIT ASSEMBLY	Neck Extension Kit - 310mm						1,696	771
405014	Kit Assembly Items	8100	1	259-01	Slab Top (outside dimension 1484mm)	900Ø ID x 65mm				794	361	
405030		8100	1	210-01	Straight Adaptor (outside dimension 1160Ø)	900Ø ID x 100mm DP				220	100	
405145		8100	3	RAM-NEK	RAM-NEK Gasket - 7 Rolls/Box - 13 Ft./Roll (Price Per Roll)						31	14
405143		8100	1	109	Cast Iron Frame	805mm x 35mm			Frame Only	340	155	
405142		8100	1	109	Cast Iron Cover (Options: TEL, POW, COMM, BLANK)					Cover Only	311	141
105389		8100	4		5/8" x 2 1/2" Bolt c/w Plate Washer							
405139	Enmax	8100	Quantity	KIT ASSEMBLY	Neck Extension Kit - 710mm						2,753	1,251
405014	Kit Assembly Items	8100	1	259-01	Slab Top (outside dimension 1484mm)	900Ø ID x 65mm		For Use in ENMAX Manhole 405018 405022 405023 405028 409862		794	361	
405030		8100	1	210-01	Straight Adaptor (outside dimension 1160Ø)	900Ø ID x 100mm DP			220	100		
405033		8100	1	210-20	Riser (R100) (outside dimensions 1140Ø)	900Ø ID x 100mm DP			210	95		
405051		8100	1	260-02	Manhole Barrel (outside dimension 1470mm)	1220Ø x 300mm DP			847	385		
405145		8100	4	RAM-NEK	RAM-NEK Gasket - 7 Rolls/Box - 13 Ft./Roll (Price Per Roll)					31	14	
405143		8100	1	109	Cast Iron Frame	805mm x 35mm				Frame Only	340	155
405144	8100	1	109	Cast Iron Cover (Options: TEL, POW, COMM, BLANK)					Cover Only	311	141	
105389	8100	4		5/8" x 2 1/2" Bolt c/w Plate Washer								
405133	Telus	8100	Quantity	KIT ASSEMBLY	Neck Extension Kit - 885mm						3,106	1,412
405014	Kit Assembly Items	8100	1	259-01	Slab Top (outside dimension 1484mm)	900Ø ID x 65mm				794	361	
405030		8100	1	210-01	Straight Adaptor (outside dimension 1160Ø)	900Ø ID x 100mm DP				220	100	
405034		8100	1	210-21	Riser (R125) (outside dimension 1140Ø)	900Ø ID x 125mm DP				254	115	
405035		8100	1	210-22	Riser (R150) (outside dimension 1140Ø)	900Ø ID x 150mm DP				309	140	
405051		8100	1	260-02	Manhole Barrel (outside dimension 1470mm)	1220Ø x 300mm DP				847	385	
405145		8100	5	RAM-NEK	RAM-NEK Gasket - 7 Rolls/Box - 13 Ft./Roll (Price Per Roll)					31	14	
405143		8100	1	109	Cast Iron Frame	805mm x 35mm			Frame Only	340	155	
405146		8100	1	109	Cast Iron Cover (Options: TEL, POW, COMM, BLANK)					Cover Only	311	141
105389	8100	4		5/8" x 2 1/2" Bolt c/w Plate Washer								
411083		8100			Custom Neck Extension							
105283		8100	1		Ladder Rungs					Aluminum		
105283		8100	1		Ladder Rungs with Installation (per Rung)					Aluminum		

Vault / Manhole / Pull Box - Cast Iron Frame & Covers (Power & Communication)

SAP			Product	Engineered	Description		Max	Max		Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions	Load	Depth	Notes	LBS	KG
405144	ENMAX	8100	PMA-P	109	Cast Iron Cover 'POW'	805mm x 35mm (Cover Only)	CL-625			650	141
	ENMAX	8100	PMA-P	109	Cast Iron Cover 'POW' (with Locking Bolt)	805mm x 35mm (Cover Only)	CL-625			650	141
405143	ENMAX	8100	PM-AF	109	Cast Iron Frame (inside Dia: 762mm or 30")	1180mm x 144mm (Frame Only)	CL-625			340	155
	ENMAX	8100	PMA-P	109	Cast Iron Cover 'ENMAX' (with Locking Bolt)	805mm x 35mm (Cover Only)	CL-625			650	141
405143	ENMAX	8100	PM-AF	109	Cast Iron Frame (inside Dia: 762mm or 30")	1180mm x 144mm (Frame Only)	CL-625			340	155
405146	Telus 1017046	8100	PMA-T	109	Cast Iron Cover 'TEL'	805mm x 35mm (Cover Only)	CL-625			650	141
	Telus	8100	PMA-T	109	Cast Iron Cover 'TEL' (with Locking Bolt)	805mm x 35mm (Cover Only)	CL-625			650	141
405143	Telus 1017102	8100	PM-AF	109	Cast Iron Frame (inside Dia: 762mm or 30")	1180mm x 144mm (Frame Only)	CL-625			340	155
405141	Telus	8100	PMA-C	109	Cast Iron Cover 'COMM'	805mm x 35mm (Cover Only)	CL-625			650	141
	Telus	8100	PMA-C	109	Cast Iron Cover 'COMM' (with Locking Bolt)	805mm x 35mm (Cover Only)	CL-625			650	141
405143	Telus	8100	PM-AF	109	Cast Iron Frame (inside Dia: 762mm or 30")	1180mm x 144mm (Frame Only)	CL-625			340	155
405146	SaskTel 100829	8100	PMA-T	109	Cast Iron Cover 'TEL'	805mm x 35mm (Cover Only)	CL-625			650	141
	SaskTel	8100	PMA-T	109	Cast Iron Cover 'TEL' (with Locking Bolt)	805mm x 35mm (Cover Only)	CL-625			650	141
405143	SaskTel 100842	8100	PM-AF	109	Cast Iron Frame (inside Dia: 762mm or 30")	1180mm x 144mm (Frame Only)	CL-625			340	155
	SaskTel	8100		109	Cast Iron Cover 'SASKTEL' (1 of 2 Piece Locking System)	805mm x 35mm (Cover Only)	CL-625			650	141
	SaskTel	8100			Cast Iron Frame (2 of 2 Piece Locking System)	1180mm x 144mm (Frame Only)	CL-625			340	155
	Rogers (BC)	8100			Cast Iron Cover 'ROGERS' (Special Order Only)	805mm x 35mm (Cover Only)	CL-625			650	141
405143	Rogers (BC)	8100	PM-AF	109	Cast Iron Frame (inside Dia: 762mm or 30")	1180mm x 144mm (Frame Only)	CL-625			340	155
405142		8100	PMA-Blank	109	Cast Iron Cover 'BLANK'	805mm x 35mm (Cover Only)	CL-625			650	141
		8100	PMA-Blank		Cast Iron Cover 'BLANK' (with Locking Bolt)	805mm x 35mm (Cover Only)	CL-625			650	141
405143		8100	PM-AF	109	Cast Iron Frame (inside Dia: 762mm or 30")	1180mm x 144mm (Frame Only)	CL-625			340	155
	ENMAX	8100	PMA-P	109	Cast Iron Cover 'POW'	805mm x 35mm (Cover Only)	CL-625			650	141
		8100	PM-AADJR		Cast Iron Frame (Adjustable Ring)				Upto 8% Adjustability		
		8100	PM-AF		Cast Iron Frame (Modified)	1180mm x 144mm (Frame Only)					
		8100	TF40C		Cast Iron Cover 'POW'	735mm x 35mm (Cover Only)	HS-20				
		8100	TF40F		Cast Iron Frame (inside Dia: 688mm or 27")	1025mm x 145mm (Frame Only)	HS-20				
			NF-6078-500		Neenah - Frame and Cover			Aircraft Rated		495	225
			NF-3492-680	R-3492-B	Neenah - Frame and Bolted Cover			Aircraft Rated		878	399
		8100			Custom Lid Letter or Logo	Lead Time: 6 - 8 Weeks	CL-625			650	141
105389		8100			Cast Iron Frame Hardware (Bolts and Washers)						
405145	Telus 1077050	8100		RAM-NEK	RAM-NEK Gasket - 7 Rolls/Box - 13 Ft./Roll (Price Per Roll)					31	14

Vault / Manhole / Pull Box - Risers and Adaptors (Power & Communication)

SAP			Product	Engineered	Description	Max	Max		Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Load	Depth	Notes	LBS	KG
405050	Telus 1031232	8100		260-01	Manhole Barrel (outside dimension 1470mm)	1220Ø x 1200mm DP			3,333	1,515
405051	Telus 1030726	8100		260-02	Manhole Barrel (outside dimension 1470mm)	1220Ø x 300mm DP			847	385
405014		8100		259-01	Slab Top (outside dimension 1484mm)	900Ø x 65mm			794	361
Straight Adaptors (Concrete)										
405030	Telus 1018899	8100	2-0010-A1	210-01	Straight Adaptor (outside dimension 1160Ø)	900Ø ID x 100mm DP			220	100
405030	Epcor 60203	8100	2-0010-A1	210-01	Straight Adaptor (outside dimension 1160Ø)	900Ø ID x 100mm DP			220	100
405031	Telus 1018900	8100	2-0010-A1	210-02	Straight Adaptor (outside dimension 1160Ø)	900Ø ID x 160mm DP			330	150
405032		8100	2-0010-A2	210-03	Straight Adaptor (outside dimension 1160Ø)	800Ø ID x 100mm DP			265	120
400302		8100	2-0010-A2	210-04	Straight Adaptor (outside dimension 1160Ø)	800Ø ID x 150mm DP			420	191
405043	SaskTel 121855	8100		210-05	Straight Adaptor (outside dimension 1118Ø)	762Ø ID x 229mm DP			485	220
Angled Adaptors (Concrete)										
405044	Telus 1025409	8100		210-10	Angled Adaptor 2.5° (outside dimension 1160Ø)	900Ø ID x 100mm DP (Min.)			317	144
405045	Telus 1016948	8100		210-11	Angled Adaptor 5° (outside dimension 1165Ø)	900Ø ID x 100mm DP (Min.)			317	144
405046	Telus 1016947	8100		210-12	Angled Adaptor 10° (outside dimension 1170Ø)	900Ø ID x 100mm DP (Min.)			423	192
405047	Telus 1016946	8100		210-13	Angled Adaptor 15° (outside dimension 1180Ø)	900Ø ID x 100mm DP (Min.)			582	265
			2-0010-A4		Angled Adaptor 2.5° (outside dimension 1160Ø)	810Ø ID x 000mm DP (Min.)			330	150
Standard Risers (Concrete)										
405042	Enmax 56200400160	8100			Riser (R50)	900Ø ID x 50mm DP			105	48
405042	Epcor 14592	8100			Riser (R50)	900Ø ID x 50mm DP			105	48
405033	Enmax 56200400161	8100	2-0010-R1	210-20	Riser (R100) (outside dimension 1140Ø)	900Ø ID x 100mm DP			210	95
405033	Epcor 60204	8100	2-0010-R1	210-20	Riser (R100) (outside dimension 1140Ø)	900Ø ID x 100mm DP			210	95
405033	Telus 1018898	8100	2-0010-R1	210-20	Riser (R100) (outside dimension 1140Ø)	900Ø ID x 100mm DP			210	95
405034	Telus 1018897	8100	2-0010-R1	210-21	Riser (R125) (outside dimension 1140Ø)	900Ø ID x 125mm DP			254	115
405035	Telus 1025553	8100	2-0010-R1	210-22	Riser (R150) (outside dimension 1140Ø)	900Ø ID x 150mm DP			309	140
405035	Epcor 60205	8100	2-0010-R1	210-22	Riser (R150) (outside dimension 1140Ø)	900Ø ID x 150mm DP			309	140
405036	Enmax 56200400162	8100	2-0010-R1	210-23	Riser (R225) (outside dimension 1140Ø)	900Ø ID x 225mm DP			465	211
405036	Telus 1025554	8100	2-0010-R1	210-23	Riser (R225) (outside dimension 1140Ø)	900Ø ID x 225mm DP			465	211
405037	Epcor 60206	8100	2-0010-R1	210-24	Riser (R305) (outside dimension 1140Ø)	900Ø ID x 305mm DP			595	270
405037	Telus 1017278	8100	2-0010-R1	210-24	Riser (R305) (outside dimension 1140Ø)	900Ø ID x 305mm DP			595	270
405038		8100	2-0010-R1	210-25	Riser (R450) (outside dimension 1140Ø)	900Ø ID x 450mm DP			882	401
400314		8100	2-0010-R1	210-26	Riser (R600) (outside dimension 1140Ø)	900Ø ID x 600mm DP			1,170	532
405039	SaskTel 121854	8100	2-0010-R2	210-27	Riser (R152) (outside dimension 1118Ø)	914Ø ID x 152mm DP			265	120
405040	SaskTel 121856	8100	2-0010-R2	210-28	Riser (R305) (outside dimension 1118Ø)	914Ø ID x 305mm DP			530	241
405041	SaskTel 121857	8100	2-0010-R2	210-29	Riser (R457) (outside dimension 1118Ø)	914Ø ID x 457mm DP			794	361
Standard Risers & Transition Rings (Cast Iron)										
		8100	PM-40RR2		Cast Iron Riser (Extension Ring)	735Ø ID x 51mm DP (27" x 2")	HS-20			
		8100	PM-40RR3		Cast Iron Riser (Extension Ring)	735Ø ID x 76mm DP (27" x 3")	HS-20			
405029	SaskTel 100893	8100		PM-ARR2	Cast Iron Riser (Extension Ring)	805Ø ID x 51mm DP (30" x 2")	HS-20		128	58
	SaskTel 100894	8100		PM-ARR2	Cast Iron Riser (Extension Ring)	805Ø ID x 51mm DP (30" x 2")	HS-20		128	58
409685		8100		PM-ARR3	Cast Iron Riser (Extension Ring)	805Ø ID x 76mm DP (30" x 3")	HS-20		159	72
405048	Telus 1025550	8100		210-50	Cast Iron Transition Ring	900Ø ID x 125mm DP to 810Ø			265	120

Pull Boxes / Pull Pits (Power & Communication)											
SAP			Product	Engineered	Description	Max	Max			Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions	Load	Depth	Notes	LBS	KG
1790	Fortis 755-0558	8100	3-0011	KIT ASSEMBLY	Square Pull Box - Complete Unit	1420mm x 1420mm x 1794mm	CL-625	1.0 M		6,277	2,690
412363	Kit Assembly Items	8100	1	311-01	Pullbox Base - with Embedded Strut	1420mm x 1420mm x 1340mm				3,598	1,640
405054		8100	1	311-03	Pullbox Optional Lid - with Ring	1420mm x 1420mm x 150mm				1,328	590
405031		8100	1	210-02	Straight Adaptor (outside dimension 1160Ø)	900Ø ID x 160mm DP				330	150
405144		8100	1	109	Cast Iron Cover (POW)	805mm x 35mm			Cover Only	650	141
405143		8100	1	109	Cast Iron Frame	1180mm x 144mm			Frame Only	340	155
405145		8100	3	RAM-NEK	RAM-NEK Gasket - 7 Rolls/Box - 13 Ft./Roll (Price Per Roll)					31	14
105389		8100	4		5/8" x 2 1/2" Bolt c/w Plate Washer						
1791	EPCOR 80011	8100	3-0011	KIT ASSEMBLY	Square Pull Box - Complete Unit	1420mm x 1420mm x 1490mm				5,942	2,551
405052	Kit Assembly Items	8100	1	311-01	Pullbox Base	1420mm x 1420mm x 1340mm				3,598	1,640
405053		8100	1	311-02	Pullbox Standard Lid - without Ring	1420mm x 1420mm x 150mm				1,323	601
405144		8100	1	109	Cast Iron Cover (POW)	805mm x 35mm			Cover Only	650	141
405143		8100	1	109	Cast Iron Frame	1180mm x 144mm			Frame Only	340	155
405145		8100	3	RAM-NEK	RAM-NEK Gasket - 7 Rolls/Box - 13 Ft./Roll (Price Per Roll)					31	14
105389		8100	4		5/8" x 2 1/2" Bolt c/w Plate Washer						
405134	Telus	8100	3-0011	KIT ASSEMBLY	Square Pull Box - Complete Unit	1420mm x 1420mm x 1669mm				5,942	2,551
405052	Kit Assembly Items	8100	1	311-01	Pullbox Base	1420mm x 1420mm x 1340mm				3,598	1,640
405053		8100	1	311-02	Pullbox Standard Lid - without Ring	1420mm x 1420mm x 150mm				1,323	601
405146		8100	1	109	Cast Iron Cover (TEL)	805mm x 35mm			Cover Only	650	141
405143		8100	1	109	Cast Iron Frame	1180mm x 144mm			Frame Only	340	155
405145		8100	3	RAM-NEK	RAM-NEK Gasket - 7 Rolls/Box - 13 Ft./Roll (Price Per Roll)					31	14
105389		8100	4		5/8" x 2 1/2" Bolt c/w Plate Washer						
1828	CN Rail	8100	3-0011	KIT ASSEMBLY	Square Pull Box - Complete Unit	1420mm x 1420mm x 1794mm	CL-625	1.0 M		6,277	2,690
405052	Kit Assembly Items	8100	1	311-01	Pullbox Base	1420mm x 1420mm x 1340mm				3,598	1,640
405054		8100	1	311-03	Pullbox Optional Lid - with Ring	1420mm x 1420mm x 150mm				1,328	590
405031		8100	1	210-02	Straight Adaptor (outside dimension 1160Ø)	900Ø ID x 160mm DP				330	150
405144		8100	1	109	Cast Iron Cover (POW)	805mm x 35mm			Cover Only	650	141
405143		8100	1	109	Cast Iron Frame	1180mm x 144mm			Frame Only	340	155
405145		8100	3	RAM-NEK	RAM-NEK Gasket - 7 Rolls/Box - 13 Ft./Roll (Price Per Roll)					31	14
105389		8100	4		5/8" x 2 1/2" Bolt c/w Plate Washer						
405055	Enmax 56200400028	8100	3-0012-01	312-01	Rectangular Pull Box Base	1220mm x 1550mm x 1220mm	CL-625			2,970	1,350
405056	Enmax 56200400192	8100	3-0012-02	312-02	Rectangular Pull Box Base - HALF	1220mm x 1550mm x 610mm	CL-625			1,495	680
405057	Enmax 56200400036	8100	3-0012-04	312-04	Rectangular Pull Box Cover	1220mm x 1550mm x 150mm			Feb 01 2016	1,058	481
409554	Enamx 56200400176	8100			Rectangular Pull Box Cover 15 kVA (PMH-5)	1220mm x 1550mm x 170mm				1,058	481
406182	Enmax 56200400184	8100			Rectangular Pull Box Cover 25 kVA (PMH-5)	1200mm x 1600mm x 150mm				700	318
405058	Enmax 56200400135	8100	3-0013-01	313-01	Hexagon Pull Box Base	1848mm x 1848mm x 1220mm	CL-625		9" Knockouts	3,862	1,755
405060	Enmax 56200400168	8100	3-0013-03	313-03	Hexagon Pull Box Riser (Optional)	1600mm x 1600mm x 300mm	CL-625			1,160	527
405059	Enmax 56200400143	8100	3-0013-02	313-02	Hexagon Pull Box Cover (Checkered Plate)	1600mm x 1600mm x 220mm				2,381	1,082
	Enmax 56200400143	8100	3-0013-02	313-02	Hexagon Pull Box Cover (Checkered Plate)	1600mm x 1600mm x 220mm	CL-625				0
	Enmax 56200400143	8100	3-0013-02	313-02	Hexagon Pull Box Cover (No Opening - Solid Top)	1600mm x 1600mm x 220mm	CL-625				0

Pull Boxes / Pull Pits (Power & Communication)											
SAP			Product	Engineered	Description	Max	Max		Weight		
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions	Load	Depth	Notes	LBS	KG
405135	Telus / Bell / Shaw	8100	3-0015	KIT ASSEMBLY	Square Pull Box - Complete Unit	1520mm x 1520mm x 2034mm			2" & 4" Ducts	9,134	3,997
405061	Kit Assembly Items	8100	1	315-01	Service Vault	1520mm x 1520mm x 1380mm			2" & 4" Ducts	5,675	2,580
405062		8100	1	315-02	Service Vault Lid	1530mm x 1530mm x 200mm				1,799	818
405031		8100	1	210-02	Straight Adaptor (outside dimension 1160Ø)	900Ø ID x 160mm DP				330	150
405035		8100	1	210-22	Riser (R150) (outside dimension 1140Ø)	900Ø ID x 150mm DP				309	140
405146		8100	1	109	Cast Iron Cover (POW)	805mm x 35mm			Cover Only	650	141
405143		8100	1	109	Cast Iron Frame	1180mm x 144mm			Frame Only	340	155
405145		8100	3	RAM-NEK	RAM-NEK Gasket - 7 Rolls/Box - 13 Ft./Roll (Price Per Roll)					31	14
105389		8100	4		5/8" x 2 1/2" Bolt c/w Plate Washer						
405136		8100	3-0016	KIT ASSEMBLY	Rectangular Pull Box - Complete Unit	1436mm x 2400mm x 2000mm			4" Ducts	14,881	6,764
405063	Kit Assembly Items	8100	1	316-01	Pullbox Base	1436mm x 2400mm x 1100mm			4" Ducts	7,385	3,357
405064		8100	1	316-02	Pullbox Riser (600mm DP)	1436mm x 2400mm x 600mm				2,590	1,177
405065		8100	1	316-03	Pullbox Riser (300mm DP)	1436mm x 2400mm x 300mm				1,445	657
405066		8100	1		Pullbox Standard Lid (3-Piece Checker Plate)	1436mm x 2400mm x 6mm				3,430	1,559
405145		8100	13	RAM-NEK	RAM-NEK Gasket - 7 Rolls/Box - 13 Ft./Roll (Price Per Roll)					31	14
411707		8100	Option		Pullbox Optional Lid (Full Concrete)	1436mm x 2400mm x 200mm	CL-625			3,430	1,559
405137	Telus 1018094	8100	3-0057-A1	KIT ASSEMBLY	Octagonal Pull Box - Complete Unit	1474mm x 1474mm x 2654mm			4" Ducts	9,288	4,067
405067	Kit Assembly Items	8100	1	357-01	Octagonal Pullbox Base	1474mm x 1474mm x 965mm			4" Ducts	3,810	1,732
405050		8100	1	260-01	Manhole Barrel (outside dimension 1470Ø)	1220Ø x 1200mm DP				3,333	1,515
405014		8100	1	259-01	Slab Top (for 900Ø hole)	1484Ø x 65mm				794	361
405031		8100	1	210-02	Straight Adaptor (outside dimension 1160Ø)	900Ø ID x 160mm DP				330	150
405146		8100	1	109	Cast Iron Cover (TEL)	805mm x 35mm			Cover Only	650	141
405143		8100	1	109	Cast Iron Frame	1180mm x 144mm			Frame Only	340	155
405145		8100	5	RAM-NEK	RAM-NEK Gasket - 7 Rolls/Box - 13 Ft./Roll (Price Per Roll)					31	14
105389		8100	4		5/8" x 2 1/2" Bolt c/w Plate Washer						
		8100	3-0057-A2	KIT ASSEMBLY	Octagonal Neck Extension Kit - 1510mm					1,325	602
405050	Kit Assembly Items	8100	1	260-01	Manhole Barrel (outside dimension 1470Ø)	1220Ø x 1200mm DP				3,333	1,515
405014		8100	1	259-01	Slab Top (outside dimension 1484mm)	900Ø ID x 65mm				794	361
405030		8100	1	210-01	Straight Adaptor (outside dimension 1160Ø)	900Ø ID x 100mm DP				220	100
405146		8100	1	109	Cast Iron Cover (TEL)	1180mm x 144mm			Cover Only	311	141
405143		8100	1	109	Cast Iron Frame	805mm x 35mm			Frame Only	340	155
405145		8100	5	RAM-NEK	RAM-NEK Gasket - 7 Rolls/Box - 13 Ft./Roll (Price Per Roll)					31	14
105389	8100	4		5/8" x 2 1/2" Bolt c/w Plate Washer							
405138	Telus 1076218	8100	3-0057-A3	KIT ASSEMBLY	Octagonal Neck Extension Kit - 670mm					1,325	602
405051	Kit Assembly Items	8100	2	260-02	Manhole Barrel (outside dimension 1470mm)	1220Ø x 300mm DP				847	385
405014		8100	1	259-01	Slab Top (outside dimension 1484mm)	900Ø ID x 65mm				794	361
405031		8100	1	210-01	Straight Adaptor (outside dimension 1160Ø)	900Ø ID x 160mm DP				220	100
405146		8100	1	109	Cast Iron Cover (TEL)	1180mm x 144mm			Cover Only	311	141
405143		8100	1	109	Cast Iron Frame	805mm x 35mm			Frame Only	340	155
405145		8100	5	RAM-NEK	RAM-NEK Gasket - 7 Rolls/Box - 13 Ft./Roll (Price Per Roll)					31	14
105389		8100	4		5/8" x 2 1/2" Bolt c/w Plate Washer						

Cabinet Bases											
SAP			Product	Engineered	Description					Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions			Notes	LBS	KG
405068	Telus 1124507			424-01	Cabinet Base - 4220 GG	635mm x 2790mm x 990mm				2,444	1,111
405069	Telus 1088746	8100	4-0041	441-01	Cabinet Base - Sierra 1000	1346mm x 2030mm x 1065mm				3,640	1,655
405069	Telus 1354296	8100	4-0041	441-01	Cabinet Base - Sierra 1000	1346mm x 2030mm x 1065mm				3,640	1,655
405070	Telus 1088747	8100	4-0043	443-01	Cabinet Base - Sierra 200	1016mm x 1168mm x 991mm				1,820	827
405070	Telus 1354297	8100	4-0043	443-01	Cabinet Base - Sierra 200	1016mm x 1168mm x 991mm				1,820	827
405071	Telus 1097661	8100	4-0044	444-01	Cabinet Base - Greenfield 4220 EEG	635mm x 2286mm x 990mm				2,116	962
405072	Alberta Transportation	8100	4-0045	445-01	Cabinet Base - Type 'A' and 'B' - TCS-E-601.5	830mm x 1230mm x 925mm				1,111	505
405072	Telus 1014972	8100	4-0045	445-01	Cabinet Base - Type 'A' and 'B'	830mm x 1230mm x 925mm				1,111	505
405073	Epcor	8100	4-0046	446-01	Cabinet Base - Distribution Panel Base	585mm x 685mm x 1220mm				1,396	635
405074	Telus 1016889	8100	4-0048-01	448-01	Cabinet Base - 3M-200 (105mm Round Knockouts)	610mm x 1525mm x 990mm				1,530	695
405076		8100	4-0049	449-01	Cabinet Base -	965mm x 915mm x 1000mm				1,270	577
406171	City of Edmonton	8100	SP10045		Cabinet Base - Large Traffic Control	762mm x 1220mm x 1702mm				3,744	1,702
406172	City of Edmonton M1	8100	SP10050		Cabinet Base - Small Traffic Control	736mm x 1220mm x 1690mm				3,712	1,687
406172	Epcor 42528	8100	SP10050		Cabinet Base - Small Traffic Control	736mm x 1220mm x 1690mm				3,712	1,687
411033	Telus 1737762	8100			Cabinet Base - 52 EU	1746mm x 2030mm x 1065mm				3,806	1,730
411037	Telus 1741305	8100	4-0041	441-02	Cabinet Base - 52 BU	1346mm x 2030mm x 1065mm				3,640	1,655
411825	City of Calgary	8100			Cabinet Base - Streetlight Service Cabinet	760mm x 1115mm x 450mm					
411826	Enmax	8100			Cabinet Base - Filter Support Pad (AltaLink)	850mm x 1080mm x 200mm					

Switching Cubical Bases		Standard Product								
SAP			Product	Engineered	Description				Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions		Notes	LBS	KG
405077	MK104A	8100	5-0027	527-01	Switch Cubical Base	2135mm x 2185mm x 1000mm			5,885	2,675
405078	Epcor 64315	8100	5-0032	532-01	Switch Cubical Base - 4 Way, 3 Phase, 200 AMP, 15 kV	2030mm x 1593mm x 920mm			3,968	1,804
405079	Epcor 61415	8100	5-0033	533-01	Switch Cubical Base - 4 Way, 1 Phase, 200 AMP, 15 kV	1390mm x 1080mm x 920mm			2,593	1,179
405080	ATCO (H24C)	8100	5-0053	553-01	Switch Cubical Base	1950mm x 2083mm x 1000mm			5,344	2,429
405081	ATCO	8100	5-0055	555-01	Switch Cubical Base	2159mm x 2045mm x 1000mm			6,508	2,958
405082	ATCO 9906	8100	5-0056	556-01	Switch Cubical Base - Footing	2450mm x 2350mm x 200mm			5,026	2,285
400024	ATCO 9907	8100	5-0058	558-01	Switch Cubical Base	2135mm x 2185mm x 1000mm			6,870	3,123
405083		8100	5-0063	563-01	Switch Cubical Base - 4 Way, 3 Phase, 200/600 AMP, 15 kV	1795mm x 2005mm x 870mm		Use 412094	5,503	2,501
405084		8100	5-0071	571-01	Switch Cubical Base - 4 Way, 3 Phase, 200/600 AMP, 25 kV	2185mm x 2125mm x 870mm		Use 411830	6,190	2,814
405085	Enmax 56200500041	8100	5-0085-1	585-01	Switch Cubical Base - 15 kV	1600mm x 1803mm x 990mm			3,810	1,732
405086	ATCO E340062	8100	5-0085-2	585-02	Switch Cubical Base - 4 Way, 3 Phase, 15 kV (Raffin)	1600mm x 1803mm x 990mm			3,810	1,732
405087	Enmax 56200500157	8100	5-0086	586-01	Switch Cubical Base - 25 kV	2000mm x 2110mm x 1200mm			5,661	2,573
405088	Epcor 52850	8100	5-0088-2	588-02	Switch Cubical Base - 4 Way, 3 Phase, 300 AMP, 15 kV	535mm x 2005mm x 865mm			2,290	1,041
400376	Aquila	8100	5-0090	590-01	Switch Cubical Base - 4 Way, 3 Phase, 600 AMP, 25 kV	1940mm x 2135mm x 610mm		Use 411830	3,690	1,677
405090	Fortis 755-0557	8100	5-0091	591-01	Switch Cubical Base - (Enmax / Aquila)	2110mm x 2000mm x 1200mm			5,835	2,652
411830	EPCOR Stk No. 17253	8100	5-0092	592-01	Switch Cubical Base - 4 Way, 3 Phase, 200/600 AMP, 25 kV	2135mm x 2185mm x 865mm			6,870	3,123
412094	EPCOR Stk No. 17282	8100	5-0093	593-01	Switch Cubical Base - 4 Way, 3 Phase, 15 kV	1795mm x 2005mm x 865mm			5,895	2,680

Switching Cubical Bases		Non-Standard Product								
SAP			Product	Engineered	Description				Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions		Notes	LBS	KG
		8100	5-0054	554-01	Switch Cubical Base	1092mm x 1657mm x 865mm			2,970	1,350
	ATCO	8100	5-0064	564-01	Switch Cubical Base	750mm x 1800mm x 1000mm			3,410	1,550
	ATCO (H24B)	8100	5-0068	568-01	Switch Cubical Base	1950mm x 1600mm x 1000mm			4,665	2,120
		8100	5-0087	587-01	Switch Cubical Base - 3 Way, 1 Phase, 200 AMP, 15 kV	535mm x 815mm x 865mm			1,125	511
		8100	5-0088-1	588-01	Switch Cubical Base - 4 Way, 3 Phase, 200 AMP, 15 kV	535mm x 2005mm x 865mm			2,290	1,041
	Epcor 44600	8100	SP10027		Switch Cubical Base - 3 Phase, 25 kV Kabar Switch	1950mm x 1600mm x 1000mm			4,972	2,260
		8100	SP10025A		Switch Cubical Base - 4 Way, 3 Phase, 200 AMP, 25 kV	2210mm x 1905mm x 865mm		Use 411830	6,020	2,736

Transformer Bases			Standard Product							
SAP			Product	Engineered	Description				Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions		Notes	LBS	KG
411044		8100			Plain Concrete Slab - Custom	Custom Sizes				
405091	ATCO	8100	6-0050	650-01	Transformer Base - 25-167 kVA	1270mm x 1020mm x 1150mm			2,070	941
405091	Yukon Electric	8100	6-0050	650-01	Transformer Base - 25-167 kVA	1270mm x 1020mm x 1150mm			2,070	941
405092		8100	6-0092-1	692-01	Transformer Base - 25-167 kVA	1170mm x 1020mm x 990mm	12 Units	Old Stock	1,746	794
405093	Enmax 56200500116	8100	6-0092-2	692-02	Transformer Base - 25-167 kVA	1168mmx 1016mm x 990mm			2,067	940
405094	Enamx 56200500207	8100	6-0092-3	692-03	Mini Transformer Base - 25-167 kVA	1168mmx 1016mm x 500mm			1,217	553
405003	Fortis	8100			Mini Transformer Base - 25-167 kVA	1270mm x 1020mm x 500mm			1,900	864
405095	ATCO E340050 (H23A)	8100	6-0093	693-01	Transformer Base - 25-167 kVA ** (H23A)	1270mm x 1020mm x 990mm			1,905	866
405095	City of Lethbridge	8100	6-0093	693-01	Transformer Base - 25-167 kVA **	1270mm x 1020mm x 990mm			1,905	866
405095	EPCOR Stk No. 62891	8100	6-0093	693-01	Transformer Base - 25-167 kVA **	1270mm x 1020mm x 990mm			1,905	866
405095	Yukon Energy H23A	8100	6-0093	693-01	Transformer Base - 25-167 kVA **	1270mm x 1020mm x 990mm			1,905	866
405095	Fortis 755-0505	8100	6-0093	693-01	Transformer Base - 25-167 kVA **	1270mm x 1020mm x 990mm			1,905	866
413017	City Red Deer 153242	8100			Transformer Base - 25-167 kVA **	1270mm x 1020mm x 690mm		Trans-B Lifter	1,300	591
405097	Enmax 56200500108	8100	6-0095-1	695-01	Transformer Base - 750-2500 kVA	1635mm x 1895mm x 1250mm			7,249	3,295
405098	Enmax 56200500214	8100	6-0095-3	695-03	Mini Transformer Base - 750-2000 kVA	1635mm x 1895mm x 360mm			2,976	1,353
405100	Enmax 56200500124	8100	6-0096-2	696-02	Transformer Base - 150-500 kVA	1295mm x 1630mm x 990mm			3,125	1,420
405101	ATCO E340054 (H23C)	8100	6-0097-1	697-01	Transformer Base - 75-500 kVA	1420mm x 1630mm x 1000mm			3,965	1,802
405101	Fortis 755-0507	8100	6-0097-1	697-01	Transformer Base - 75-500 kVA **	1420mm x 1630mm x 1000mm			3,965	1,802
405101	EPCOR Stk No. 11794	8100	6-0097-1	697-01	Transformer Base - 75-500 kVA	1420mm x 1630mm x 1000mm			3,965	1,802
405102	ATCO E340054 (H23C)	8100	6-0097-2	697-02	Transformer Base - 75-500 kVA ** (H23C)	1420mm x 1630mm x 1000mm			3,965	1,802
405102	Yukon Energy H23C	8100	6-0097-2	697-02	Transformer Base - 75-500 kVA **	1420mm x 1630mm x 1000mm			3,965	1,802
405103	ATCO	8100	6-0097-3	697-03	Mini Transformer Base - 75-500 kVA	1420mm x 1630mm x 635mm			2,590	1,177
405104	City of Lethbridge	8100	6-0098	698-01	Transformer Base - Up to 750 kVA	1576mm x 1730mm x 1000mm			5,010	2,277
405104	SaskPower LS-5087	8100	6-0098	698-01	Transformer Base - Up to 750 kVA	1576mm x 1730mm x 1000mm			5,010	2,277
405105	ATCO E340055 (H23D)	8100	6-0099	699-01	Transformer Base - 750-3000 kVA ** (H23D)	1700mm x 1900mm x 1000mm			5,556	2,525
405105	EPCOR Stk No. 11636	8100	6-0099	699-01	Transformer Base - 750-3000 kVA **	1700mm x 1900mm x 1000mm			5,556	2,525
405105	Fortis 755-0512	8100	6-0099	699-01	Transformer Base - 750-3000 kVA **	1700mm x 1900mm x 1000mm			5,556	2,525
413006	City of Medicine Hat	8100			Transformer Base - 3 Phase (E-Z-6604)	2000mm x 2000mm x 250mm			4,770	2,168
413148	City of Medicine Hat	8100			Transformer Base - 1 Phase (E-Z-6502)	1200mm x 1200mm x 250mm			1,650	750
405106	Fortis 755-0514	8100	6-0100-1	600-01	Transformer Base - 1000-10,000 kVA **	2200mm x 2600mm x 1000mm			9,259	4,209
409555		8100	6-0100-2	600-02	Transformer Base - 1000-10,000 kVA (36" Manhole)	2200mm x 2600mm x 1000mm			9,259	4,209
409573		8100	6-0100-3	600-03	Transformer Base - 1000-10,000 kVA (Double Opening)	2200mm x 2600mm x 1000mm			9,259	4,209

Transformer Bases			Non-Standard Product							
SAP			Product	Engineered	Description				Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions		Notes	LBS	KG
405096		8100	6-0094	694-01	Transformer Base - 75-300 kVA	1295mm x 1626mm x 990mm			3,190	1,450
		8100	6-0100-6	600-06	Transformer Base - 1000 - 10,000 kVA	2200mm x 2600mm x 1000mm			9,259	4,209
		8100	6-0069	669-01	Transformer Base -	1641mm x 1727mm x 200mm			2,060	936
		8100	6-0095-2	695-02	Mini Transformer Base -	1635mm x 1895mm x 1250mm			5,670	2,577
	Enmax	8100	6-0096-3	696-03	Mini Transformer Base -	1295mm x 1630mm x 406mm				

Light Pole and Signal Bases			Standard Product							
SAP			Product	Engineered	Description	Anchor Bolt	Bolt Circle	Weight		
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions	Projection	Diameter	LBS	KG
	Sask L&P: L2S-176	8100			Street Light Pole Base (8 x 3" Access Holes)	380Ø x 1372mm	65 mm	255 mm (10")		
	Sask L&P: L2S-124	8100			Street Light Pole Base (8 x 3" Access Holes)	457Ø x 1676mm	65 mm	292 mm (11.5")		
	SaskPower E1-402D	8100			Street Light Pole Base (2 x 2" Access Holes)	457Ø x 1676mm	63.5 mm	292 mm (11.5")	1,455	661
	Sask L&P: L2S-130	8100			Street Light Pole Base (8 x 3" Access Holes)	457Ø x 2134mm	65 mm	330 mm (13")		
	Sask H/T SMM-1510-3	8100			Flashing Light Base (2 x 2" Access Hole)	500Ø x 2000mm	70 mm	292 mm (11.5")		
	Sask H/T SMM-1510-3	8100			Flashing Light Base (2 x 2" Access Hole)	500Ø x 3000mm	70 mm	292 mm (11.5")		
409956		8100	8-0061-1	861-01	Foundation for S/L Pole (4" Access Hole)	508Ø x 1500mm	75 mm	280 mm (11")	1,608	731
	SaskPower E1-403E	8100			Street Light Pole Base (2 x 2" Access Holes)	508Ø x 1676mm	89 mm	355 mm (14")	1,795	816
405118	City of Calgary (ST)	8100	8-0077-1	877-01	Street Light Pole Base - Type 'B1' (4" Access Hole)	508Ø x 1900mm	95 mm	280 mm (11")	2,040	927
412306	Armtec Design	8100			Street Light Pole Base - Type 'AB1' (4" Access Hole)	508Ø x 1900mm	95 mm	280 mm (11")	2,045	930
	Armtec Design	8100			Street Light Pole Base - Type 'AB1' (4" Access Hole)	508Ø x 2400mm	95 mm	280 mm (11")	2,534	1,152
	Armtec Design	8100			Street Light Pole Base - Type 'AB1' (4" Access Hole)	508Ø x 2800mm	95 mm	280 mm (11")	2,994	1,361
	City of Saskatoon	8100		875-02	Traffic Signal Base - (8 x 2.5" Access Hole)	550Ø x 2150mm	70 mm	292 mm (11.5")	2,700	1,227
	Sask L&P: 12600	8100	8-0075-2	875-02	Traffic Signal Base (8 X 2.5" Access Holes)	550Ø x 2150mm	70 mm	292 mm (11.5")	2,700	1,227
405117	City of Calgary (ST)	8100	8-0075-1	875-01	Street Light Pole Base - Type 'C' (4" Access Hole)	550Ø x 2400mm	95 mm	330 mm (13")	3,016	1,371
412305	Armtec Design	8100			Street Light Pole Base - Type 'AC' (4" Access Hole)	550Ø x 2400mm	95 mm	330 mm (13")	3,020	1,373
405113	CN Foundation	8100	8-0066-1	866-01	Signal Base - Type '2'	200mm x 200mm x 1065mm	100 mm		168	76
400418	CN Foundation	8100	8-0065-1	865-01	Signal Base - Type '1'	250mm x 250mm x 1370mm	100 mm		370	168
405124	Fortis 755-0205	8100	8-0082-1	882-01	Street Light Pole Base (5" Access Hole)	407mm x 380mm x 1520mm	76 mm	280 mm (11")	1,140	518
412112	Fortis 755-0204	8100			Street Light Pole Base (5" Access Hole)	407mm x 380mm x 2150mm	76 mm	280 mm (11")	1,650	750
413308	Grand Prairie 500718	8100			Traffic Pole Base (4" Access Hole)	407mm x 407mm x 1500mm	150 mm	280 mm (11")	1,930	877
413308	AB Trans TCS-F-301	8100			Traffic Pole Base (4" Access Hole) - TCS-F-301	407mm x 407mm x 1500mm	150 mm	280 mm (11")	1,930	877
405125	Fortis 755-0208	8100	8-0083-3	883-03	Street Light Pole Base (5" Access Hole)	407mm x 407mm x 2200mm	76 mm	330 mm (13")	1,930	877
405126	Fortis 755-0209	8100	8-0083-4	883-04	Street Light Pole Base (5" Access Hole) High Strength Anchor	407mm x 407mm x 2200mm	76 mm	330 mm (13")	1,930	877
405127	City of Edmonton	8100	8-0083-5	883-05	Street Light Pole Base (4" Access Hole)	407mm x 407mm x 2200mm	100 mm	254 mm (10")	1,930	877
405128	City of Edmonton	8100	8-0083-6	883-06	Street Light Pole Base (4" Access Hole)	407mm x 407mm x 2200mm	100 mm	280 mm (11")	1,930	877
405128	Epcor 14765	8100	8-0083-6	883-06	Street Light Pole Base (4" Access Hole)	407mm x 407mm x 2200mm	100 mm	280 mm (11")	1,930	877
405122	Epcor 01488	8100	8-0080-1	880-01	Light Pole Base - w/Plate (6" Access Hole)	500mm x 552mm x 2000mm	100 mm	413 mm (16.25")	2,860	1,300
405123	Epcor	8100	8-0080-2	880-02	Light Pole Base - w/o Plate (6" Access Hole)	500mm x 552mm x 2000mm	100 mm	413 mm (16.25")	2,860	1,300
405120	City of Calgary (TR)	8100	8-0078-1	878-01	Traffic Signal Base - Type 'P' (2 x 2" Access Holes)	540mm x 540mm x 1950mm	75 mm	255 mm (10")	2,915	1,325
413309	AB Trans TCS-F-305	8100			Traffic Pole Base (4" Access Hole) - TCS-F-305	600mm x 600mm x 2400mm	150 mm	400 mm (16")		
411035	AB Trans TCS-E-601.2	8100			Roadway Light Pole Base (4" Access Hole) - TCS-E-601.2	600mm x 600mm x 3000mm	100 mm	330 mm (13")	4,500	2,045
413407	AB Trans TCS-E-601.2	8100			Roadway Light Pole Base (4" Access Hole) - Modified	600mm x 600mm x 3000mm	60 mm	330 mm (13")	4,500	2,045
400421	CN Foundation	8100	8-0067-2	867-02	Signal Base - Type '3' (5" Access Hole)	610mm x 610mm x 990mm	75 mm	424 mm (16.5")	1,486	675
405114	CN Foundation	8100	8-0067-1	867-01	Signal Base - Type '3' (5" Access Hole)	610mm x 610mm x 1065mm	75 mm	340 mm (13.5")	1,640	745
405115		8100	8-0051-1	851-01	Light Pole Base (4" Access Hole)	610mm x 610mm x 2200mm	95 mm	330 mm (13")	4,240	1,927
405116	City of Lethbridge	8100	8-0051-2	851-02	Light Pole Base (5" Access Hole)	610mm x 610mm x 2440mm	115 mm	395 mm (15.5")	4,710	2,141
405129	Fortis 755-0218	8100	8-0084-1	884-01	Street Light Pole Base (2 x 2" Access Holes)	660mm x 660mm x 1980mm	76 mm	457 mm (18")	4,510	2,050
405121	City of Calgary (TR)	8100	8-0079-1	879-01	**Traffic Signal Base - Type 'S' (2" & 4" Access Holes)	660mm x 660mm x 2850mm	200 mm	382 mm (15")	6,450	2,932
400428		8100	8-0079-2	879-02	Traffic Signal Base - Type 'S' (2" & 4" Access Holes)	660mm x 660mm x 3000mm	200 mm	382 mm (15")	6,770	3,077
400429		8100	8-0079-3	879-03	Traffic Signal Base - Type 'S' (2" & 4" Access Holes)	660mm x 660mm x 3000mm	100 mm	330 mm (13")	6,770	3,077
		8100			Temporary Base					
410916		8100/8100			Base Plate for Wood Pole Installation	300Ø x 1000mm			1,180	536

Notes: Bolt Pattern Change Request: \$395.00 / Form

** Anchor Bolts to be Supplied by Customer

Pedestals - Plug-In Recepticle Base / Sign Base / Bollard Base											
SAP			Product	Engineered	Description				Weight		
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions		Notes	LBS	KG	
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	300Ø x 1200mm		NOTE 1 Customer to Supply Conduit (Coupler Style)	449	204	
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	300Ø x 1500mm			560	255	
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	300Ø x 2000mm			744	338	
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	350Ø x 1500mm					
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	350Ø x 1800mm					
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	350Ø x 2000mm					
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	400Ø x 1200mm					
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	400Ø x 1500mm					
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	457Ø x 1200mm			NOTE 2 Customer to Supply Anchor Bolts if Required (Extra Cost)		
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	457Ø x 1500mm					
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	457Ø x 1700mm					
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	457Ø x 2000mm					
405005	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	508Ø x 1200mm				1,350	614
409956	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	508Ø x 1500mm				1,608	731
413104	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	508Ø x 1900mm				2,045	930
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	508Ø x 2400mm				2,575	1,170
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	508Ø x 2800mm				2,994	1,361
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	550Ø x 2000mm				2,650	1,205
	Armtec Design	8100			Pedestal - Plug-In Recepticle / Sign Base / Bollard Base	550Ø x 2400mm			3,020	1,373	

Bollards										
SAP			Product	Engineered	Description				Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions		Notes	LBS	KG
		8100			Bollard (Finish: Plain)	300Ø x 2500mm		No Bands	930	423
		8100			Bollard (Finish: Sandblast)	300Ø x 2500mm		No Bands	930	423
406243		8100	SP97000		Bollard (Finish: Plain)	350Ø x 2000mm		2 Bands	1,012	460
406244		8100	SP97000		Bollard (Finish: Sandblast)	350Ø x 2000mm		2 Bands	1,012	460
413344		8100	SP97000		Bollard with 1 Electrical Outlet (Finish: Plain)	350Ø x 2000mm		NOTE Customer to Supply Conduit & Junction Box	1,012	460
413344		8100	SP97000		Bollard with 2 Electrical Outlet (Finish: Plain)	350Ø x 2000mm			1,012	460
413345		8100	SP97000		Bollard with 1 Electrical Outlet (Finish: Sandblasted)	350Ø x 2000mm			1,012	460
413345		8100	SP97000		Bollard with 2 Electrical Outlet (Finish: Sandblasted)	350Ø x 2000mm			1,012	460
		8100			Bollard (Finish: Plain)	400Ø x 1500mm		150mm Band	886	403
		8100			Bollard (Finish: Sandblast)	400Ø x 1500mm		150mm Band	886	403
		8100			Bollard (Finish: Plain)	500Ø x 2200mm		2 x 50mm Band	2,029	922
		8100			Bollard (Finish: Sandblast)	500Ø x 2200mm		2 x 50mm Band	2,029	922

Guard Posts											
SAP			Product	Engineered	Description					Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions			Notes	LBS	KG
405132	Enmax 95100300300	8100	9-0081	981-01	Guard Post / Bollard (Finish: Galvanized)	410mm x 410mm x 2020mm			4" Post	685	311
412114	Telus 1082670	8100	9-0081	981-01	Guard Post / Bollard (with Grounding Lug)	410mm x 410mm x 2020mm			4" Post	685	311
412114	Fortis 515-0802	8100	9-0081	981-01	Guard Post / Bollard (with Grounding Lug)	410mm x 410mm x 2020mm			4" Post	685	311
112134		8100			Plastic Sleeve - Yellow with 2 Red Bands				Sleeve	10	5
	Enbridge	8100			Guard Post / Bollard (Finish: Galvanized)	350mm x 2850mm			168mm Post		
	Enbridge	8100			Guard Post / Bollard (Finish: Safety Yellow)	350mm x 2850mm			168mm Post		
	SHELL	8100			Guard Post / Bollard (Finish: Galvanized)	500mm x 2850mm			200mm Post		
	SHELL	8100			Guard Post / Bollard (Finish: Safety Yellow)	500mm x 2850mm			200mm Post		
	CNRL	8100			Guard Post / Bollard (Finish: Galvanized)	600mm x 2600mm			168mm Post	2,380	1,082
	CNRL	8100			Guard Post / Bollard (Finish: Fluorescent Orange)	600mm x 2600mm			168mm Post	2,380	1,082
	CNRL	8100			Guard Post / Bollard (Finish: Galvanized)	600mm x 2600mm			219mm Post	2,380	1,082
	CNRL	8100			Guard Post / Bollard (Finish: Fluorescent Orange)	600mm x 2600mm			219mm Post	2,380	1,082
	Suncor DD00-Q-103-2	8100			Guard Post / Bollard (Finish: Galvanized)	610mm x 2800mm			8" Post	2,650	1,205
	Suncor DD00-Q-103-2	8100			Guard Post / Bollard (Finish: Safety Yellow)	610mm x 2800mm			8" Post	2,650	1,205

Sleepers (Cable & Pipe)											
SAP			Product	Engineered	Description					Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions			Notes	LBS	KG
409650	Enmax	8100			Precast Sleeper (Half Length)	127mm x 1143mm x 179mm				165	75
409650	Enmax	8100			Precast Sleeper (Full Length)	127mm x 2286mm x 179mm				330	150
409650	City of Calgary-Transit	8100			Precast Sleeper (Full Length)	127mm x 2286mm x 179mm				330	150
		8100		SP35410	Precast Sleeper with Embedded Strut 1 5/8 x 7/8	400mm x 450mm x 500mm					
		8100		SP35410	Precast Sleeper with Embedded Strut 1 5/8 x 7/8	400mm x 450mm x 750mm					
		8100		SP35410	Precast Sleeper with Embedded Strut 1 5/8 x 7/8	400mm x 450mm x 1000mm					
		8100		SP35410	Precast Sleeper with Embedded Strut 1 5/8 x 7/8	400mm x 450mm x 1500mm					
		8100	7-0076-01	776-01	Precast Sleeper with Embedded Strut 1 5/8 x 7/8	450mm x 600mm x 500mm					
		8100	7-0076-01	776-01	Precast Sleeper with Embedded Strut 1 5/8 x 7/8	450mm x 600mm x 750mm					
		8100	7-0076-01	776-01	Precast Sleeper with Embedded Strut 1 5/8 x 7/8	450mm x 600mm x 1000mm					
		8100	7-0076-01	776-01	Precast Sleeper with Embedded Strut 1 5/8 x 7/8	450mm x 600mm x 1500mm					
405130		8100		928-01	Precast Sleeper with Embedded Strut 1 5/8 x 7/8	600mm x 450mm x 600mm					
405130		8100		928-01	Precast Sleeper with Embedded Strut 1 5/8 x 7/8	600mm x 450mm x 1200mm					
405130		8100		928-01	Precast Sleeper with Embedded Strut 1 5/8 x 7/8	600mm x 450mm x 2000mm					
405130		8100		928-01	Precast Sleeper with Embedded Strut 1 5/8 x 7/8	600mm x 450mm x 2400mm					
405130		8100		928-01	Precast Sleeper with Embedded Strut 1 5/8 x 7/8	600mm x 450mm x 3000mm					
405130		8100		928-01	Precast Sleeper with Embedded Strut 1 5/8 x 7/8	600mm x 450mm x 6000mm					

Barriers										
SAP			Product	Engineered	Description				Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions	Connection	Notes	LBS	KG
405107	CoC 454.1001.003	8100/8101	7-0070	770-01	Jersey Barrier (Type 1) - 10 Foot Length	3000mm x 670mm x 860mm	Keyway	0 - 60 Units	4,497	2,044
405107	CoC 454.1001.003	8100/8101	7-0070	770-01	Jersey Barrier (Type 1) - 10 Foot Length	3000mm x 670mm x 860mm	Keyway	61 - 240 Units	4,497	2,044
405107	CoC 454.1001.003	8100/8101	7-0070	770-01	Jersey Barrier (Type 1) - 10 Foot Length	3000mm x 670mm x 860mm	Keyway	241 - Up	4,497	2,044
412175		8101			Jersey Barrier (Type 1) - 8 Foot Length	2440mm x 670mm x 860mm	Keyway	0 - 60 Units	3,600	1,636
412175		8101			Jersey Barrier (Type 1) - 8 Foot Length	2440mm x 670mm x 860mm	Keyway	61 - 240 Units	3,600	1,636
412175		8101			Jersey Barrier (Type 1) - 8 Foot Length	2440mm x 670mm x 860mm	Keyway	241 - Up	3,600	1,636
406194		8100/8101	SP35031		Jersey Barrier (Type 1) - Transition	3000mm x 670mm x 860-100mm	Keyway	1 - Piece	3,062	1,392
406194	CoC 454.1001.011	8100/8101	SP35031		Jersey Barrier (Type 1) - Transition (2-Piece System)	3000mm x 670mm x 860-480mm	Keyway	1 of 2 Piece	3,781	1,719
405108	CoC 454.1001.011	8100/8101	SP35031		Jersey Barrier (Type 1) - Transition (2-Piece System)	3000mm x 670mm x 480-100mm	Keyway	2 of 2 Piece	2,230	1,014
406195	CoC 454.1001.025	8100			Half - Jersey Barrier (Type 1)	3000mm x 515mm x 860mm	Keyway			
M406194	CoC 454.1001.025	8100			Half - Jersey Barrier (Type 1) - Transition	3000mm x 515mm x 860-100mm	Keyway	1 - Piece		
405112	Alberta Transportation	8100/8101	7-0073-04	773-04	Type 'F' - TL3 Barrier (Test Level 3)	3000mm x 570mm x 810mm	Loop & Pin	0- 50 Units	4,190	1,905
405112	Alberta Transportation	8100/8101	7-0073-04	773-04	Type 'F' - TL3 Barrier (Test Level 3)	3000mm x 570mm x 810mm	Loop & Pin	51 - Up	4,190	1,905
405112-2	Alberta Transportation	8100	7-0070-02	773-05	Type 'F' - TL3 Barrier - Transition (Female Section 1)	3000mm x 670mm x 860-480mm	Loop & Pin	2 - Piece Transition	3,780	1,718
			7-0070-03	773-06	Type 'F' - TL3 Barrier - Transition (Female Section 2)	3000mm x 670mm x 480-100mm	Keyway		2,230	1,014
405112-2	Alberta Transportation	8100	7-0070-02	773-05A	Type 'F' - TL3 Barrier - Transition (Male Section 1)	3000mm x 670mm x 860-480mm	Loop & Pin	2 - Piece Transition	3,780	1,718
			7-0070-03	773-06	Type 'F' - TL3 Barrier - Transition (Male Section 2)	3000mm x 670mm x 480-100mm	Keyway		2,230	1,014
411744	Alberta Transportation	8100/8101			Type 'F' - TL3 Barrier - PIN Only		Galvanized	Per PIN		
409597	Alberta Transportation	8101	7-0072-M	772-01	Half 'F' Barrier (Male) - Epoxy Coated Rebar	3000mm x 385mm x 810mm			3,365	1,530
409598	Alberta Transportation	8101	7-0072-F	772-02	Half 'F' Barrier (Female) - Epoxy Coated Rebar	3000mm x 385mm x 810mm			3,230	1,468
405109	Alberta Transportation	8101	7-0072-M	772-03	Half 'F' Barrier Transition (Male) - Epoxy Coated Rebar	5000mm x 385mm x 810-100mm			4,555	2,070
	Alberta Transportation	8101	7-0072-F	772-04	Half 'F' Barrier Transition (Female) - Epoxy Coated Rebar	5000mm x 385mm x 810-100mm			4,555	2,070
409647	Alberta Transportation	8101	7-0074-01	774-01	Full 'F' Shape Tall Barrier (Male) - Epoxy Coated Rebar	3000mm x 654mm x 1200mm		4' TALL	6,950	3,159
409648	Alberta Transportation	8101	7-0074-02	774-02	Full 'F' Shape Tall Barrier (Female) - Epoxy Coated Rebar	3000mm x 654mm x 1200mm		4' TALL	6,670	3,032
409684	Manitoba	7100	299-01-B1		Jersey Barrier (Type 1) - Eye Bolt & Pin	3048mm x 580mm x 851mm	Eye Bolt & Pin	B1	4,350	1,977
409683	Manitoba	7100	299-01-B2		Jersey Barrier (Type 1) - Keyway Connection	3048mm x 580mm x 851mm	Keyway	B2	4,350	1,977
					Jersey Barrier (Type 1) - PIN Only		Galvanized	Per PIN		
406200	CoC 454.1001.018	8100	7-0076-01	776-01	Low Profile Barrier (Type 4)	3000mm x 600mm x 450mm		Pin not Included	2,434	1,106
406201	CoC 454.1001.018	8100	7-0076-02	776-02	Low Profile Barrier Transition (Type 4)	2000mm x 600mm x 450mm-75mm		Pin not Included	1,683	765
406202	City of Edmonton	8100	SP35410		Low Profile Barrier	3000mm x 450mm x 450mm	Hook & Loop		1,710	777
406203	City of Edmonton	8100	SP35411		Low Profile Barrier Transition	1200mm x 450mm x 450mm-150mm	Hook & Loop		530	241
413250	Armtec Design	8100	SP35411		Low Profile Barrier (excluding Hook & Loop)	3000mm x 450mm x 450mm			1,710	777
	Armtec Design	8100	SP35411		Low Profile Barrier Transition (excluding Hook and Loop)	1200mm x 450mm x 450mm x 450mm-150mm			530	241
409569	City of Winnipeg	7100			Low Profile Barrier	3000mm x 400mm x 450mm				
406205		8100/8101			RENTAL - Standard Jersey Barriers (Type 1)	3000mm x 670mm x 860mm		Weekly	4,497	2,044
406205		8100/8101			RENTAL - Standard Jersey Barriers (Type 1)	3000mm x 670mm x 860mm		Monthly	4,497	2,044

RENTAL Barrier Notes: Rental fee is per week or month and does not include freight to and from job site. All freight requirements are the responsibility of renter (pickup and drop-off).

Parking Curbs										
SAP			Product	Engineered	Description				Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions		Volume	LBS	KG
406191	Alberta	8100	SP32100		High Profile Parking Curbs (7' x 7")	2134mm x 200mm x 178mm		1 to 50 Units	319	145
406191	Alberta	8100	SP32100		High Profile Parking Curbs (7' x 7")	2134mm x 200mm x 178mm		51 to 100 Units	319	145
406191	Alberta	8100	SP32100		High Profile Parking Curbs (7' x 7")	2134mm x 200mm x 178mm		101 - Up	319	145
406192	Alberta	8100	SP32104		Low Profile Parking Curbs (7' x 4")	2134mm x 200mm x 102mm		1 to 50 Units	231	105
406192	Alberta	8100	SP32104		Low Profile Parking Curbs (7' x 4")	2134mm x 200mm x 102mm		51 to 100 Units	231	105
406192	Alberta	8100	SP32104		Low Profile Parking Curbs (7' x 4")	2134mm x 200mm x 102mm		101 - Up	231	105
409569	Manitoba	7100	7-0000-01		High Profile Parking Curbs (8' x 6")					
405961	Alberta / Manitoba	8100			Rebar Parking Curb Pin (2 Pins / Curb Required)	15mm x 450mm		Price / Pin	2	1

Notes: Parking curb pins sold separately (2 per curb required)
Parking curb installation available, please consult sales representative or CSR.

Stacking Blocks (Metric Size - Calgary)										
SAP			Product	Engineered	Description				Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions		Notes	LBS	KG
405962	Alberta	8100/8101		925-01	Stacking Block - Full (Standard) Class A	1500mm x 750mm x 750mm		New Concrete	4,442	2,019
	Alberta	8100/8101			Stacking Block - Half Long (Standard) Class A	1500mm x 750mm x 375mm		New Concrete	2,221	1,010
409563	Alberta	8100/8101		925-02	Stacking Block - Half Tall (Standard) Class A	750mm x 750mm x 750mm		New Concrete	2,221	1,010
410100	Alberta	8100/8101		925-01	Stacking Block - Full (Standard) Class B	1500mm x 750mm x 750mm		Rough	4,442	2,019
	Alberta	8100/8101			Stacking Block - Half Long (Standard) Class B	1500mm x 750mm x 375mm		Rough	2,221	1,010
410101	Alberta	8100/8101		925-02	Stacking Block - Half Tall (Standard) Class B	750mm x 750mm x 750mm		Rough	2,221	1,010

Stacking Blocks (Imperial Size - Edmonton)										
SAP			Product	Engineered	Description				Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions		Notes	LBS	KG
405962	Alberta	8100/8101		925-01	Stacking Block - Full (Standard) Class A	1500mm x 750mm x 750mm		New Concrete	4,442	2,019
	Alberta	8100/8101			Stacking Block - Half Long (Standard) Class A	1500mm x 750mm x 375mm		New Concrete	2,221	1,010
409563	Alberta	8100/8101		925-02	Stacking Block - Half Tall (Standard) Class A	750mm x 750mm x 750mm		New Concrete	2,221	1,010
410100	Alberta	8100/8101		925-01	Stacking Block - Full (Standard) Class B	1500mm x 750mm x 750mm		Rough	4,442	2,019
	Alberta	8100/8101			Stacking Block - Half Long (Standard) Class B	1500mm x 750mm x 375mm		Rough	2,221	1,010
410101	Alberta	8100/8101		925-02	Stacking Block - Half Tall (Standard) Class B	750mm x 750mm x 750mm		Rough	2,221	1,010

Lego Block Note:

Class A: Block is manufactured using a full consist concrete mix meeting a minimum 35 MPa
Allowable Vertical Load: 165 Tons (based on equal bearing on the two nubs or side)

Class B: Block is manufactured using residual concrete from various mixes within the plant, which can contribute to seams appearing due to the various mixes.
The load capacity of these blocks is generally close to a Class A block, but no guarantee is offered in MPa or breakage.

Miscellaneous Products										
SAP			Product	Engineered	Description				Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions		Notes	LBS	KG
405131	Alberta Parks	8100	9-0029-1	929-01	Boat Ramp Slab - Chain Connection (Groove Finish)	3050mm x 350mm x 162mm		Hardware Not Included	850	386
412205	Alberta Parks	8100	9-0029-1	929-01	Boat Ramp Slab - Chain Connection (Rake Finish 12mm)	3050mm x 350mm x 162mm			850	386
410938	Manitoba Parks	8100	9-0029-1	929-01	Boat Ramp Slab - Chain Connection (Rake Finish 12mm)	3050mm x 350mm x 162mm			850	386
406180	City of Calgary	8100	SP11020		Sign Base / Beam Stand	2440mm x 496mm x 148mm		City Supplied Hardware		
406204	City of Calgary	8100	SP35501		Stop Island Barrier (Tapered Sides)	2000mm x 450mm x 500mm				
406237		8100	SP40210		Tree Planter with Bottom (Finish: Exposed Aggregate)	1200mm x 1200mm x 762mm		Above Ground	2,330	1,059
406237		8100	SP40210		Tree Planter with Bottom (Finish: Sandblasted)	1200mm x 1200mm x 762mm		Above Ground	2,330	1,059
406237		8100	SP40210		Tree Planter with Bottom (Finish: Coloured)	1200mm x 1200mm x 762mm		Above Ground	2,330	1,059
406214	CoC 454.1002.004	8100	SP40200		Tree Box Open Bottom	1380mm x 1380mm x 600mm		Below Ground	1,925	875
		8100	TF-48F		Tree Box Frame	1237mm x 1237mm x 38mm				
406215	CoC 454.1002.004	8100	TF-48C		Tree Box Grate (Finish: Bare)	1220mm x 1220mm x 32mm		2 - Piece		
406215	CoC 454.1002.004	8100	TF-48C		Tree Box Grate (Finish: Black)	1220mm x 1220mm x 32mm		2 - Piece		
406215	CoC 454.1002.004	8100	TF-48C		Tree Box Grate (Finish: Galvanized)	1220mm x 1220mm x 32mm		2 - Piece		
		8100	TG-48x72		Tree Box Grate (Finish: Bare)	1828mm x 1200mm x 30mm		2 - Piece		
		8100	TG-48x72		Tree Box Grate (Finish: Black)	1828mm x 1200mm x 30mm		2 - Piece		
		8100	TG-48x72		Tree Box Grate (Finish: Galvanized)	1828mm x 1200mm x 30mm		2 - Piece		
406217		8100	SP50603		Splash Pad (12.25" x 24")	300mm x 610mm			79	36
406219		8100	SP50903		Splash Pad (12.25" x 36")	300mm x 915mm			95	43
406220		8100	SP51203		Splash Pad (12.25" x 48")	300mm x 1220mm			112	51
409446		8100			Splash Pad - Interlocking (12.25" x 32")	300mm x 810mm		Interlocking	89	40
406235		8100	SP71510		Bench Leg (Bus Bench Leg)	1050mm x 690mm x 100mm		Price Per Piece	174	79
406241		8100	SP90200		Flag Pole Base	483mm x 483mm x 635mm			429	195
409651	Impark	8100			Parking Meter Base (60" x 30" x 8")	1524mm x 762mm x 203mm			1,108	504
409889		8100	SP71500		Picnic Table Round (inc. table, legs, and seat ring)	1816Ø x 794mm			981	446

Dike Walls										
SAP			Product	Engineered	Description				Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions		Notes	LBS	KG
					3.00 Meter - Dike Wall	1220mm x 1220mm x 85mm				
413320	Panel 24219				4.50 Meter - Dike Wall	1220mm x 4500mm x 100mm				
413321	Panel 22289				6.00 Meter - Dike Wall	1220mm x 6000mm x 100mm				
413322	Panel 24220				6.00 Meter - Dike Wall with 9 - 4 5/8" Holes	1220mm x 6000mm x 100mm				
413324					Buttress					
1835					Hardware Kit - Wall/Buttress Connection					
1834					Hardware Kit - Corner Connection					

Rail Crossing Slabs											
SAP			Product	Engineered	Description					Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions			Notes	LBS	KG
413347		8100		920-01	Rail Crossing Plank - Broom Finish	3300mm x 995mm x 203mm				3,600	1,636
		8100		921-01	Rail Crossing Plank - Light Broom Finish	2738mm x 650mm x 178mm				1,500	682
	RR-31-01-0015	8100		921-02	Rail Crossing Plank (Curved) - Light Brook Finish	2854mm x 677mm x 178mm			Curved to Suit 35M Centerline Radius	1,500	682
	RR-31-01-0015	8100		921-03	Rail Crossing Plank (Curved) - Light Brook Finish	2788mm x 677mm x 178mm				1,500	682
	RR-31-01-0015	8100		921-04	Rail Crossing Plank (Curved) - Light Brook Finish	2736mm x 676mm x 178mm				1,500	682
	RR-31-01-0015	8100		921-05	Rail Crossing Plank (Curved) - Light Brook Finish	2670mm x 676mm x 178mm				1,500	682

Protection Slabs (Cable & Pipe) & Utility Markers													
SAP			Product	Engineered	Description					Max	Max	Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions	Load	Depth	Notes	LBS	KG		
411044		8100			Plain Concrete Slab - Custom	Custom Sizes							
410032	Alberta Transportation	8100		9338	Pipeline Protection Crossing Slab (ATU Spec)	2000mm x 3500mm x 300mm				9,295	4,225		
	ATCO 1-H	8100			Pipeline Protection Crossing Slab (ATCO Spec)	3850mm x 2040mm x 325mm	CL-800						
	ATCO 1-L	8100			Pipeline Protection Crossing Slab (ATCO Spec)	3850mm x 2040mm x 325mm							
411372	Syncrude	8100			Pipeline Protection Crossing Slab (Syncrude)	3000mm x 2000mm x 350mm				9,500	4,318		
411043	Syncrude	8100			Pipeline Protection Crossing Slab (Syncrude)	4000mm x 2000mm x 400mm				15,100	6,864		
406071		8100			Utility Marker (Blank)	450mm x 450mm x 90mm							
		8100			Utility Marker (Buried Utilities)	610mm x 610mm x 100mm							

Tanks: Cistern and Sump													
SAP			Product	Engineered	Description					Max	Max	Weight	
Part No.	Reference	Plant	Drawing No.	Drawing No.	Product	Dimensions	Load	Depth	Notes	LBS	KG		
406342		8100		TA20011	2000 Gallon (9080 Liters) Water Cistern	2590mm x 2300mm x 1982mm				18,535	8,425		
411406		8100		TA01	Manhole Lid - Cistern	900Ø (35")				250	114		
406335		8100		TA12	Manhole Extension - Cistern	900Ø (35") Height 305mm (12")				339	154		
406343		8100		TA24	Manhole Extension - Cistern	900Ø (35") Height 610mm (24")				598	272		
406348		8100		TA36	Manhole Extension - Cistern	900Ø (35") Height 914mm (36")				889	404		
406320		8100			Septic Tank Lid								
406331		8100		TA1001	Sump Tank (Two Compartment) 2 x 250 Liter (2 x 55 Gal)	1548mm x 834mm x 1166mm	CL-625			3,140	1,427		
406334		8100		TA1010	Sump Tank (One Compartment) 1 x 250 Liter (1 x 55 Gal)	750mm x 770mm x 1140mm	CL-625			1,280	582		
406332		8100		TA1004	Sump Lid - Solid Steel	675mm x 675mm x 10mm	CL-625			72	33		
406333		8100		TA1005	Sump Lid - Perforated Steel	675mm x 675mm x 10mm	CL-625			72	33		

Notes: Cistern is designed for underground use only Maximum Burial Depth 1.8 meter (6') NOT TRAFFIC RATED