

CONDUIT AND CABLE SCHEDULE 2 (CONTINUED)

FEEDER NO.	CONDUIT		FROM	TO	SERVICE	CONTAINS CABLES	INSULATION 600V	REMARKS
	SIZE [INCHES]	MATERIAL						
C018	1	PVC RGS	SOUTH TOWER LOCK/GATE CONTROL PB	PEDESTRIAN GATE SOUTHWEST PD-SW	CB917, 917, 918, 1513, 1515, 1513D, 1515D, GND	9 #12 AWG, 1 #12 AWG GND, 2-SP	RW90, XLPE	
C019	1-1/2	PVC RGS	SOUTH TOWER I/O PANEL CP-3	CONTROL PANEL CP-2	1501, 1503, 1505, 1507, 1509, 1511, 1513, 1515, MCR-3H, LP2-1H  COMM. CHANNEL A COMM. CHANNEL B	12 #12 AWG, 1 #12 AWG GND, 2-SP  COAXIAL	RW90, XLPE	
C020	1-1/2	PVC RGS	SOUTH TOWER I/O PANEL CP-3	SOUTH MOTOR. RM BRAKE CONTROL PB	CB922, 922, 923, 924, CB925, 925, 926, 927, CB928, 928, 929, 930, CB931, 931, 932, 933, GND	20 #12AWG, 1 #12AWG GND, 4-SP	RW90, XLPE	
C021	3/4	PVC RGS	SOUTH MOTOR. RM BRAKE CONTROL PB	MOTOR BRAKE S1	CB922, 922, 923, 924, GND	5 #12 AWG, 1 #12 AWG 1-SP	RW90, XLPE	
C022	3/4	PVC RGS	SOUTH MOTOR. RM BRAKE CONTROL PB	MACHINERY BRAKE S2	CB925, 925, 926, 927, GND	5 #12 AWG, 1 #12 AWG 1-SP	RW90, XLPE	
C023	3/4	PVC RGS	SOUTH MOTOR. RM BRAKE CONTROL PB	MACHINERY BRAKE S3	CB928, 928, 929, 930, GND	5 #12 AWG, 1 #12 AWG 1-SP	RW90, XLPE	
C024	3/4	PVC RGS	SOUTH MOTOR. RM BRAKE CONTROL PB	MOTOR BRAKE S4	CB931, 931, 932, 933, GND	5 #12 AWG, 1 #12 AWG 1-SP	RW90, XLPE	
C025	1	PVC RGS	SOUTH TOWER I/O PANEL CP-3	SOUTH MOTOR. RM LOCK/GATE CONTROL PB	CB934, 934, 935, 1836, 1836A, 1838, 1838A, CB934, 937, GND	11 #12AWG, 1 #12AWG GND, 2-SP	RW90, XLPE	
C026	1	PVC RGS	SOUTH MOTOR. RM LOCK/GATE CONTROL PB	SOUTH TOWER LOCK/GATE CONTROL PB	CB934, 934, 935, 1836, 1836A, 1838, 1838A, CB934, 937, GND	11 #12AWG, 1 #12AWG GND, 2-SP	RW90, XLPE	
C027	3/4	PVC RGS	SOUTH TOWER LOCK/GATE CONTROL PB	ZS-SLPSE1 AND ZS-SLPsw1 SOUTH SPAN LOCK LIMIT SWITCHES	CB934, 934, 935, 1836, 1836A, 1838, 1838A, GND	9 #12 AWG, 1 #12 AWG GND, 2-SP	RW90, XLPE	
C028	3/4	PVC RGS	SOUTH TOWER LOCK/GATE CONTROL PB	ZS-SLPshc SOUTH SPAN LOCK HAND CRANK LIMIT SWITCH	CB934, 937, GND	3 #12 AWG, 1 #12 AGW GND 1-SP	RW90, XLPE	
C029	1-1/2	PVC RGS	SOUTH TOWER I/O PANEL CP-3	SOUTH TOWER MOTOR CONTROL CENTER (CONT.)	CB1836, 1836, 1836A, 1838, 1838A, CB934, 938, GND  COMM. CHANNEL A COMM. CHANNEL B	9 #12 AWG, 1 #12 AWG GND, 2-SP  COAXIAL	RW90, XLPE	
C030	3/4	PVC RGS	SOUTH TOWER I/O PANEL CP-3	ULTIMATE SKEW RESOLVER	MFG CABLE	MFG CABLE		
C031	1-1/2	PVC RGS	SOUTH TOWER I/O PANEL CP-3	MOTOR DIRVE IE-SL	CB1008, 1008, 1009, GND  COMM. CHANNEL A COMM. CHANNEL B  1132+, 1133-, SHLD, 1135+, 1136-, SHLD	4 #12 AWG, 1 #12 AWG GND, 1-SP COAXIAL  16 TWISTED SHIELDED PAIR	RW90, XLPE	
C032	1-1/2	PVC RGS	SOUTH TOWER I/O PANEL CP-3	MOTOR DRIVE 2W-MA	CB1012, 1012, 1013, 1100, 1102, 1104, 2001A, GND  COMM. CHANNEL A COMM. CHANNEL B  1151+, 1133-, SHLD, 1154+, 1155-, SHLD	9 #12 AWG, 1 #12 AWG GND, 2-SP  COAXIAL  16 TWISTED SHIELDED PAIR	RW90, XLPE	
C033	3/4	PVC RGS	SOUTH TOWER I/O PANEL CP-3	SOUTH MOTOR. RM LOCK/GATE CONTROL PB	CB1010, 1010, CB1010, 1010, GND	5 # 12AWG, 1 #12AWG GND 1-SP	RW90, XLPE	
C034	3/4	PVC RGS	SOUTH MOTOR. RM LOCK/GATE CONTROL PB	SOUTH TOWER LOCK/GATE CONTROL PB	CB1010, 1010, CB1010, 1010, GND	5 # 12AWG, 1 #12AWG GND, 1-SP	RW90, XLPE	
C035	3/4	PVC RGS	SOUTH TOWER LOCK/GATE CONTROL PB	ZS-SWFS SOUTHWEST FULLY SEATED LIMIT SWITCH	CB1010, 1010, GND	3 #12 AWG, 1 #12 AGW GND, 1-SP	RW90, XLPE	
C036	3/4	PVC RGS	SOUTH TOWER LOCK/GATE CONTROL PB	ZS-SSEFS SOUTHEAST FULLY SEATED LIMIT SWITCH	CB1010, 1010, GND	3 #12 AWG, 1 #12 AGW GND, 1-SP	RW90, XLPE	
C037	3/4	PVC RGS	SOUTH TOWER I/O PANEL CP-3	ZS-SDIFLA1 SOUTH DIFFERENTIAL LOCKED LIMIT SWITCH	CB1021, 1021, 1022, GND	4 #12 AWG, 1 #12 AWG GND, 1-SP	RW90, XLPE	
C038	3/4	PVC RGS	SOUTH TOWER I/O PANEL CP-3	ZS-SADEA1 SOUTH AUX. DRIVE ENGAGED LIMIT SWITCH	CB1021, 1023, 1024, GND	4 #12 AWG, 1 #12 AWG GND 1-SP	RW90, XLPE	
C039	3/4	PVC RGS	SOUTH TOWER I/O PANEL CP-3	NORTH AND SOUTH HEIGHT INDICATION METERS ON AUX. DRIVE PANEL	1117+, 1118-, SHLD, 1120+, 1121-, SHLD	16 TWISTED SHIELDED PAIR		
C040	3/4	PVC RGS	SOUTH TOWER I/O PANEL CP-3	SOUTH SPAN POSITION TRANSMITTER	1138+, 1139-, SHLD	16 TWISTED SHIELDED PAIR		
C041	3/4	PVC RGS	SOUTH TOWER I/O PANEL CP-2	SOUTH SPAN SKEW INCLINOMETER	1157+, 1158-, SHLD	16 TWISTED SHIELDED PAIR		

**NOTES:**

1. CONDUIT AND CABLE SCHEDULE AND SERVICE DESIGNATIONS ARE INTENDED AS A GUIDE FOR THE CONTRACTOR AND ARE NOT CONSIDERED TO BE COMPLETE. THE CONTRACTOR MUST COMPLETE THE SCHEDULE AND SUBMIT WITH THE SHOP DRAWINGS BASED ON CONTRACTOR SELECTED EQUIPMENT BRANDS AND MODELS AND FINAL CONFIGURATIONS.
2. BOND AERIAL 1/0 GROUND CONDUCTOR TO EXISTING NORTH AND SOUTH GROUNDING SYSTEM CONDUCTORS.

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Expiry Date : July 31, 2013  
Association of Professional Engineers of Ontario



revision	date
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A Detail No.  
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B drawing no. — where detail required  
dessin no. — où détail exigé

C drawing no. — where detailed  
dessin no. — où détaillé

drawing title	titre du dessin
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CONDUIT AND CABLE SCH. 2

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