

METRIC

ALL DIMENSIONS SHOWN ARE IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE NOTED.

GENERAL NOTE:

- 1. REFER TO ELECTRIFICATION STANDARDS AND SPECIFICATIONS FOR GROUNDING AND BONDING, EMI/EMF WITHSTAND REQUIREMENTS, CABLING REQUIREMENTS.

CABLE LIST

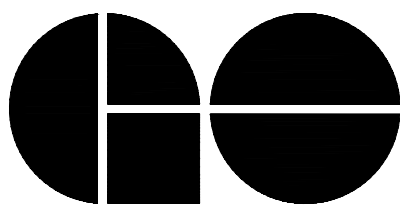
| START LOCATION | END LOCATION | TAG | CABLE SIZE | DESIGNATED CONDUIT |
|-----------------------|------------------------|----------|-----------------------|--------------------|
| 600V SWITCHGEAR | WAYSIDE UNIT 1 (RIGHT) | 600V + G | 3 #750 MCM + #2/0 AWG | 100mm P1R |
| 600V SWITCHGEAR | WAYSIDE UNIT 1 (RIGHT) | 1RB | 20 #12 AWG | 75mm AC1R |
| RELAY PANEL | WAYSIDE UNIT 1 (RIGHT) | 1RA | 12 #12 AWG | 75mm AC1R |
| TELEMETERING PANEL | WAYSIDE UNIT 1 (RIGHT) | 1RAN | 20 #12 AWG | 75mm AC1R |
| WAYSIDE UNIT 1 (LEFT) | WAYSIDE UNIT 1 (RIGHT) | 1LA1 | 20 #12 AWG | - |
| RELAY PANEL | WAYSIDE UNIT 1 (RIGHT) | 1RD | 20 #10 AWG | 75mm DC1 |
| WAYSIDE UNIT 1 (LEFT) | WAYSIDE UNIT 1 (RIGHT) | 1LD1 | 20 #10 AWG | - |
| 600V SWITCHGEAR | WAYSIDE UNIT 1 (LEFT) | 600V + G | 3 #750 MCM + #2/0 AWG | 100mm P1L |
| TELEMETERING PANEL | WAYSIDE UNIT 1 (LEFT) | 1LAN | 20 #12 AWG | 75mm AC1L |
| ENERGY MANAG. PANEL | WAYSIDE UNIT 1 (LEFT) | EM1 | 12 #12 AWG | 75mm EM1 |
| 600V SWITCHGEAR | WAYSIDE UNIT 2 (RIGHT) | 600V + G | 3 #750 MCM + #2/0 AWG | 100mm P2R |
| 600V SWITCHGEAR | WAYSIDE UNIT 2 (RIGHT) | 2RB | 20 #12 AWG | 75mm AC2R |
| RELAY PANEL | WAYSIDE UNIT 2 (RIGHT) | 2RA | 12 #12 AWG | 75mm AC2R |
| TELEMETERING PANEL | WAYSIDE UNIT 2 (RIGHT) | 2RAN | 20 #12 AWG | 75mm AC2R |
| WAYSIDE UNIT 2 (LEFT) | WAYSIDE UNIT 2 (RIGHT) | 2LA1 | 20 #12 AWG | - |
| RELAY PANEL | WAYSIDE UNIT 2 (RIGHT) | 2RD | 20 #10 AWG | 75mm DC2 |
| WAYSIDE UNIT 2 (LEFT) | WAYSIDE UNIT 2 (RIGHT) | 2LD1 | 20 #10 AWG | - |
| 600V SWITCHGEAR | WAYSIDE UNIT 2 (LEFT) | 600V + G | 3 #750 MCM + #2/0 AWG | 100mm P2L |
| TELEMETERING PANEL | WAYSIDE UNIT 2 (LEFT) | 2LAN | 20 #12 AWG | 75mm AC2L |
| ENERGY MANAG. PANEL | WAYSIDE UNIT 2 (LEFT) | EM2 | 12 #12 AWG | 75mm EM2 |
| 600V SWITCHGEAR | WAYSIDE UNIT 3 (RIGHT) | 600V + G | 3 #750 MCM + #2/0 AWG | 100mm P3R |
| 600V SWITCHGEAR | WAYSIDE UNIT 3 (RIGHT) | 3RB | 20 #12 AWG | 75mm AC3R |
| RELAY PANEL | WAYSIDE UNIT 3 (RIGHT) | 3RA | 12 #12 AWG | 75mm AC3R |
| TELEMETERING PANEL | WAYSIDE UNIT 3 (RIGHT) | 3RAN | 20 #12 AWG | 75mm AC3R |
| WAYSIDE UNIT 3 (LEFT) | WAYSIDE UNIT 3 (RIGHT) | 3LA1 | 20 #12 AWG | - |
| RELAY PANEL | WAYSIDE UNIT 3 (RIGHT) | 3RD | 20 #10 AWG | 75mm DC3 |
| WAYSIDE UNIT 3 (LEFT) | WAYSIDE UNIT 3 (RIGHT) | 3LD1 | 20 #10 AWG | - |
| 600V SWITCHGEAR | WAYSIDE UNIT 3 (LEFT) | 600V + G | 3 #750 MCM + #2/0 AWG | 100mm P3L |
| TELEMETERING PANEL | WAYSIDE UNIT 3 (LEFT) | 3LAN | 20 #12 AWG | 75mm AC3L |
| ENERGY MANAG. PANEL | WAYSIDE UNIT 3 (LEFT) | EM3 | 12 #12 AWG | 75mm EM3 |

CABLE LIST

| START LOCATION | END LOCATION | TAG | CABLE SIZE | DESIGNATED CONDUIT |
|-----------------------|-----------------------------|----------|-----------------------|--------------------|
| 600V SWITCHGEAR | WAYSIDE UNIT 4 (RIGHT) | 600V + G | 3 #750 MCM + #2/0 AWG | 100mm P14R |
| 600V SWITCHGEAR | WAYSIDE UNIT 4 (RIGHT) | 4RB | 20 #12 AWG | 75mm AC4R |
| RELAY PANEL | WAYSIDE UNIT 4 (RIGHT) | 4RA | 12 #12 AWG | 75mm AC4R |
| TELEMETERING PANEL | WAYSIDE UNIT 4 (RIGHT) | 4RAN | 20 #12 AWG | 75mm AC4R |
| WAYSIDE UNIT 4 (LEFT) | WAYSIDE UNIT 4 (RIGHT) | 4LA1 | 20 #12 AWG | - |
| RELAY PANEL | WAYSIDE UNIT 4 (RIGHT) | 4RD | 20 #10 AWG | 75mm DC4 |
| WAYSIDE UNIT 4 (LEFT) | WAYSIDE UNIT 4 (RIGHT) | 4LD1 | 20 #10 AWG | - |
| 600V SWITCHGEAR | WAYSIDE UNIT 4 (LEFT) | 600V + G | 3 #750 MCM + #2/0 AWG | 100mm P4L |
| TELEMETERING PANEL | WAYSIDE UNIT 4 (LEFT) | 4LAN | 20 #12 AWG | 75mm AC4L |
| ENERGY MANAG. PANEL | WAYSIDE UNIT 4 (LEFT) | EM4 | 12 #12 AWG | 75mm EM4 |
| LP 'A' | F.W. BACK FLOW PREVENTION | | 4 #6 AWG | 100mm MY1 |
| LP 'A' | MAINTENANCE YARD DISCONNECT | | 4 #6 AWG | 100mm MY1 |
| LP 'B' | WAYSIDE UNIT 1 LIGHTING | | 3 #10 AWG | 50mm LT1 |
| LP 'B' | WAYSIDE UNIT 2 LIGHTING | | 3 #10 AWG | 50mm LT2 |
| LP 'B' | WAYSIDE UNIT 3 LIGHTING | | 3 #10 AWG | 50mm LT3 |
| LP 'B' | WAYSIDE UNIT 4 LIGHTING | | 3 #10 AWG | 50mm LT4 |
| LP 'B' | MAINTENANCE YARD LIGHTING | | 3 #6 AWG | 100mm MY1 |
| LP 'B' | YARD LIGHTING | | 4 #4 AWG | 50mm AL1 |
| LP 'B' | YARD LIGHTING | | 4 #4 AWG | 50mm AL2 |
| LP 'B' | YARD LIGHTING | | 4 #6 AWG | 50mm AL3 |
| RPU 'A' | WAYSIDE UNIT 1 CCTV | | 3 #10 AWG | 50mm TV1P |
| RPU 'A' | WAYSIDE UNIT 2 CCTV | | 3 #10 AWG | 50mm TV2P |
| RPU 'A' | WAYSIDE UNIT 3 CCTV | | 3 #10 AWG | 50mm TV3P |
| RPU 'A' | WAYSIDE UNIT 4 CCTV | | 3 #10 AWG | 50mm TV4P |
| RPU 'A' | CCTV 'A' | | 3 #10 AWG | 50mm TVAP |
| RPU 'A' | CCTV 'B' | | 3 #10 AWG | 50mm TVBP |

NOTE:
 THIS DRAWING IS PROVIDED FOR INSTRUCTIONAL DESIGN PURPOSES ONLY BASED ON METROLINX GO TRANSIT DESIGN GUIDELINES AND REQUIREMENTS. THE CONSULTANT SHALL VERIFY FOR LOCAL CODE COMPLIANCE, EXISTING SITE CONDITIONS AND INTER DISCIPLINARY DRAWING COORDINATION. ALL DIMENSIONS AND SPECIFICATIONS SHOULD BE VERIFIED BY CONSULTANT AND/OR CONTRACTOR BEFORE ACTUAL CONSTRUCTION BEGINS.

GO TRANSIT PROJECT NO. XXXXX

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|--------------------|-------|-------|------|------------|------|---------------|----------------|--|--|--|------------------------------|---------------------|-----------|-------------|--|
| REFERENCE DRAWINGS | | ISSUE | | REVISIONS | | DRAWN BY: | DESIGNED BY: |  <p>A Division of Metrolinx</p> | <p>XXXXXX WAYSIDE POWER CABLE LIST</p> | | CONTRACT NO. XXXXXXXXXXXX | DWG. NO. WSP-049 | REV. 0 | SHEET XX | |
| | | | | | | CHECKED BY: | APPROVED BY: | | | | | | | | |
| | | | | | | SCALE: N.T.S. | FULL SIZE ONLY | | | | | | | | |
| DWG. NO. | TITLE | REV. | DATE | ISSUED FOR | REV. | DATE | | | | | | | | | |

Aug 15/18 12:31pm
AutoCAD drawing: WSP-049.dwg