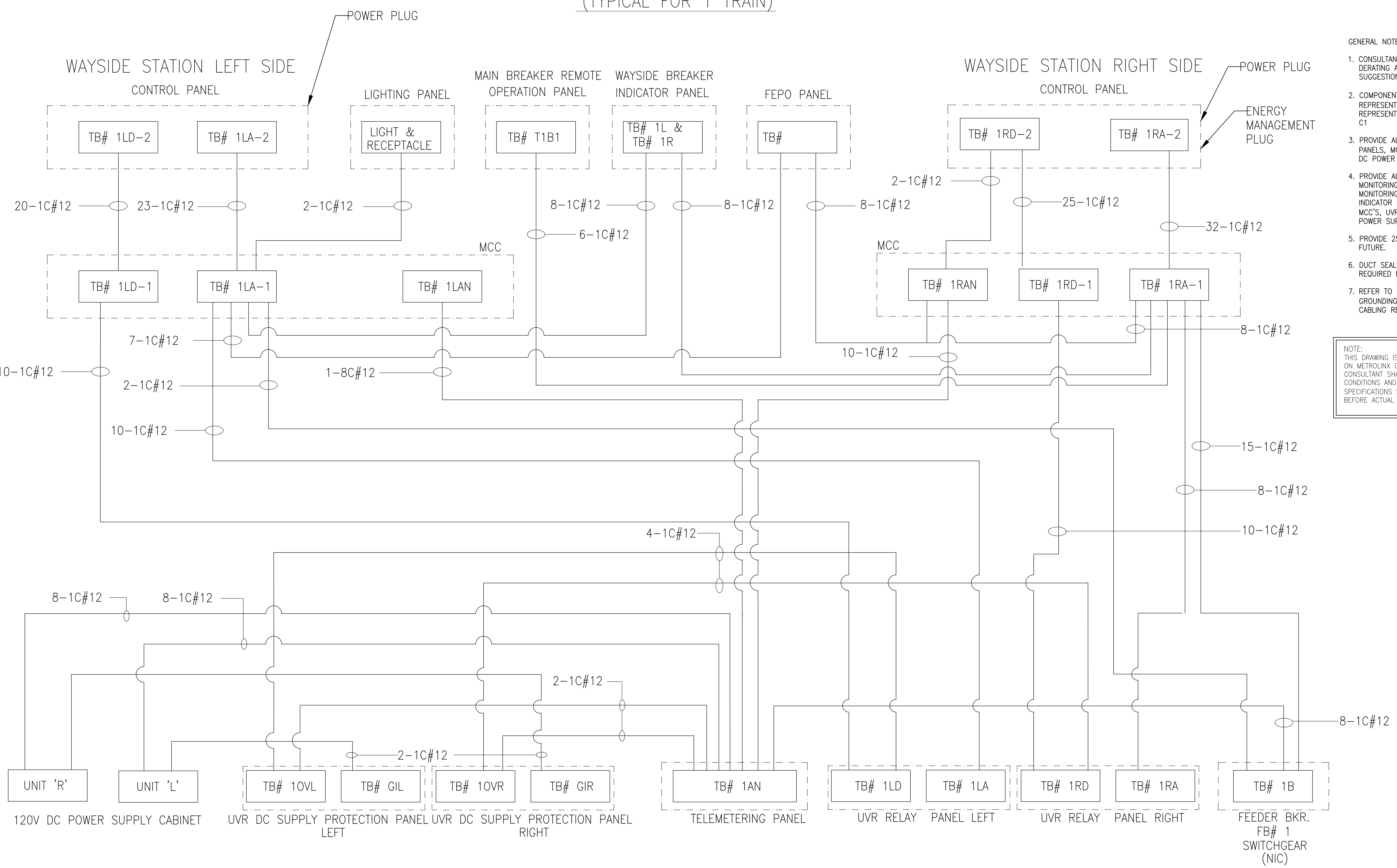


ALL DIMENSIONS SHOWN ARE IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE NOTED.

BLOCK DIAGRAM CONTROL WIRING  
(TYPICAL FOR 1 TRAIN)



- GENERAL NOTES:
1. CONSULTANTS ARE TO REVIEW ALL WIRE SIZING TO TAKE INTO ACCOUNT: DERATING AND 3% MAXIMUM VOLTAGE DROP FACTORS. WIRE SIZES ARE SUGGESTIONS ONLY!
  2. COMPONENT CROSS REFERENCES SHOWN AS: XXXY WHERE "XX" REPRESENTS FINAL 2 DIGITS OF REFERENCE DRAWING # AND "YY" REPRESENTS QUADRANT LOCATION ON DWG. I.E. 02C1 = WSP-002 QUAD. C1
  3. PROVIDE ALL INTERWIRING WITHIN WAYSIDE CABINETS INCLUDING CONTROL PANELS, MCC'S, UVR PANELS, UVR DC SUPPLY PROTECTION PANELS AND DC POWER SUPPLIES.
  4. PROVIDE ALL INTERWIRING FOR FEPO PANEL AND BUTTON, TRANSFORMER MONITORING TO SUBSTATION & TELEMETERING PANEL, WAYSIDE BREAKER MONITORING PANEL AND MAIN DISTRIBUTION BOARD MONITORING AND INDICATOR LIGHTS. WAYSIDE CABINETS INCLUDING CONTROL PANELS, MCC'S, UVR PANELS, UVR DC SUPPLY PROTECTION PANELS AND DC POWER SUPPLIES.
  5. PROVIDE 25% SPARE WIRE FORM MCC TO WAYSIDE CABINETS FOR FUTURE.
  6. DUCT SEAL ALL CONDUITS AND DUCTS BOTH ENDS. A PULL STRING IS REQUIRED IN ALL CONDUITS AND DUCTS.
  7. REFER TO ELECTRIFICATION STANDARDS AND SPECIFICATIONS FOR GROUNDING AND BONDING, EMI/EMF WITHSTAND REQUIREMENTS, CABLING REQUIREMENTS.

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

AutoCAD drawing: WSP-030.dwg Aug 15/18 12:29pm

REF. NO.	TITLE	REV.	DATE	ISSUED FOR
5	FEB. 2018	REV. DATE		REV. DATE
4	DEC 2013			
3	MAR 2013			
2	JULY 2012			
1	SEPT. 2010			

DRAWN BY:	DESIGNED BY:
CHECKED BY:	APPROVED BY:
SCALE: N.T.S.	FULL SIZE ONLY




XXXXXX WAYSIDE POWER WAYSIDE ELECTRICAL EQUIPMENT INTERWIRING BLOCK DIAGRAM			
CONTRACT NO. XXXXXXXXXX	DWG. NO. WSP-030	REV. 5	SHEET XX