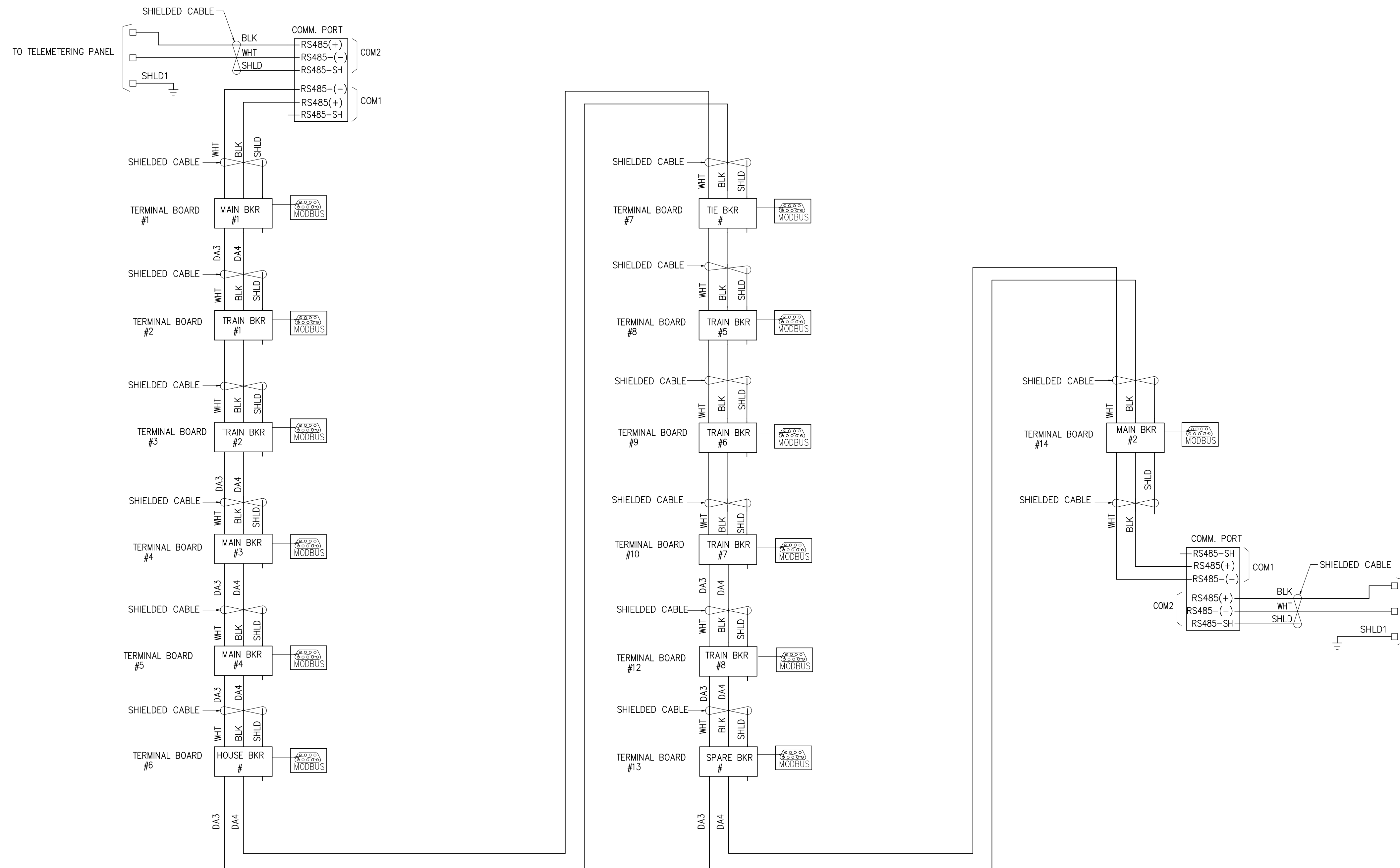


ALL DIMENSIONS SHOWN ARE IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE NOTED.



TO TELEMETERING PANEL SWITCHGEAR SUPPLIER TO ADDRESS ALL DEVICES SO THAT THEY COMMUNICATE ALL INFORMATION TO THE BUILDING AUTOMATION SYSTEM'S MONITORING SYSTEM. PROVIDE A LIST OF ALL ADDRESS AND DEVICE PARAMETERS

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. THIS IS A TYPICAL MODBUS COMMUNICATION SCHEMATIC DIAGRAM ON THE 600V SWITCHBOARD. THE NUMBER OF BREAKERS WILL BE SITE SPECIFIC.
4. THE CONTRACTOR TO COORDINATE INFORMATION TRANSFER BETWEEN BUILDING AUTOMATION SYSTEM, THE MONITORING COMPANY, THE DISTRIBUTION BOARD MANUFACTURE, ON IP ADDRESS OF EACH DEVICE & WHAT IT MEANS TO MONITORING.
5. REFER TO ELECTRIFICATION STANDARDS AND SPECIFICATIONS FOR GROUNDING AND BONDING, EMI/EMF WITHSTAND REQUIREMENTS, CABLING REQUIREMENTS.

NOTE:
THIS DRAWING IS TO BE USED ONLY AS A REFERENCE DRAWING FOR EXISTING INSTALLATIONS AND EXPANSION OF EXISTING EQUIPMENT AS NECESSARY. NOT TO BE USED IN NEW DESIGNS.

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.

REFERENCE DRAWINGS		ISSUE		REVISIONS		DRAWN BY: XX XX	DESIGNED BY: XX XX			GO TRANSIT PROJECT NO. XX XXXXXX WAYSIDE POWER MAIN 600V SWITCHBOARD MODBUS SCHEMATIC DIAGRAM		
						CHECKED BY: XX XX	APPROVED BY: XX XX					
						SCALE: N.T.S. FULL SIZE ONLY						
DWG. NO.	TITLE	REV.	DATE	ISSUED FOR	REV.	DATE			CONTRACT NO. XX	DWG. NO. WSP-131	REV. 0	SHEET XX XX