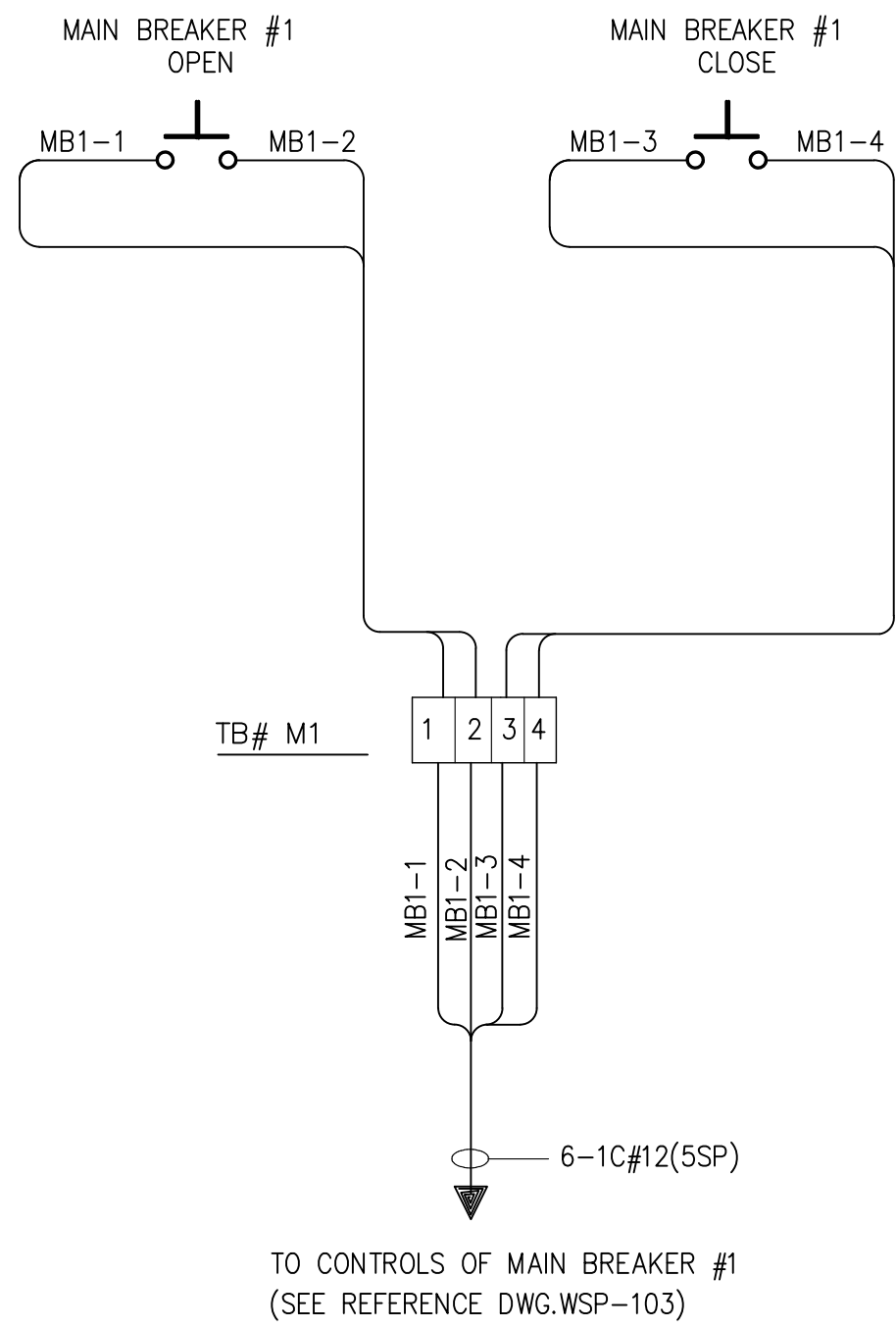
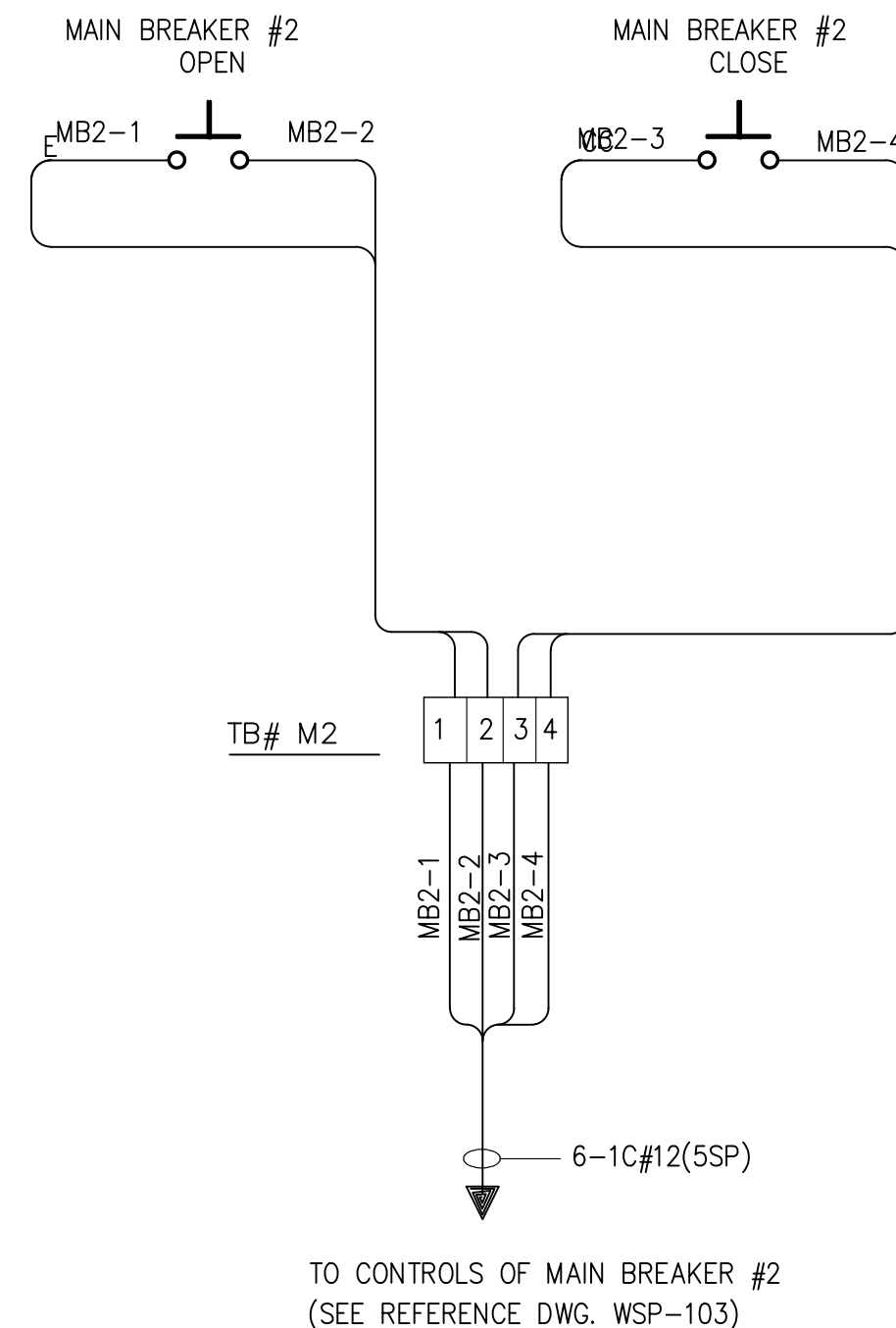


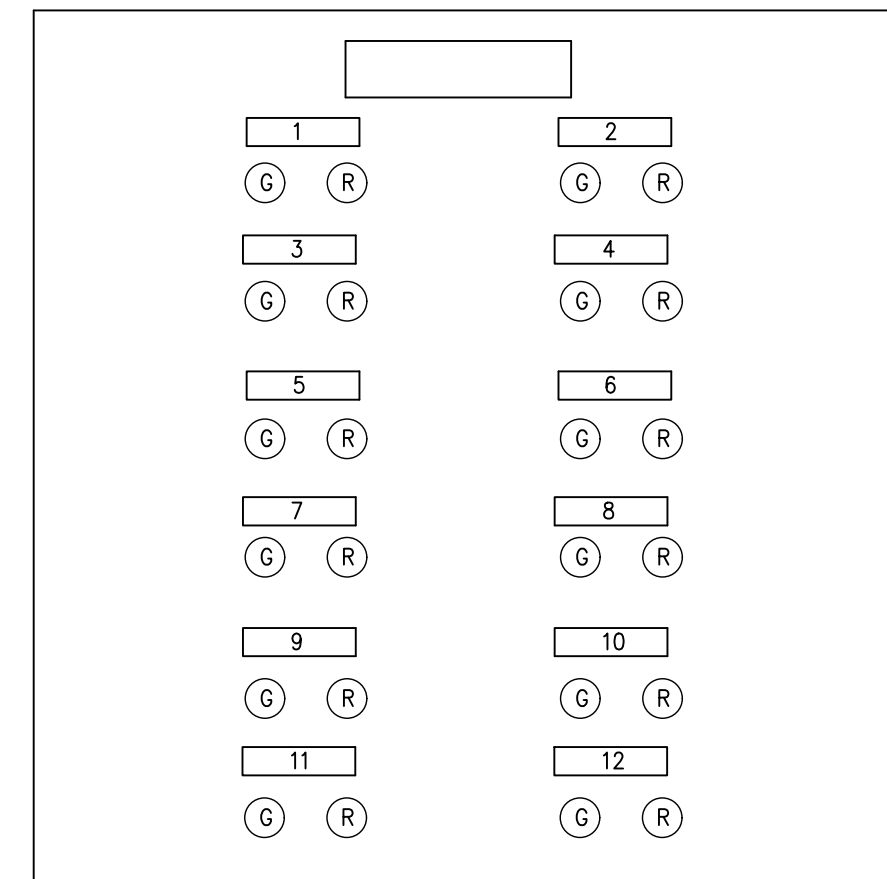
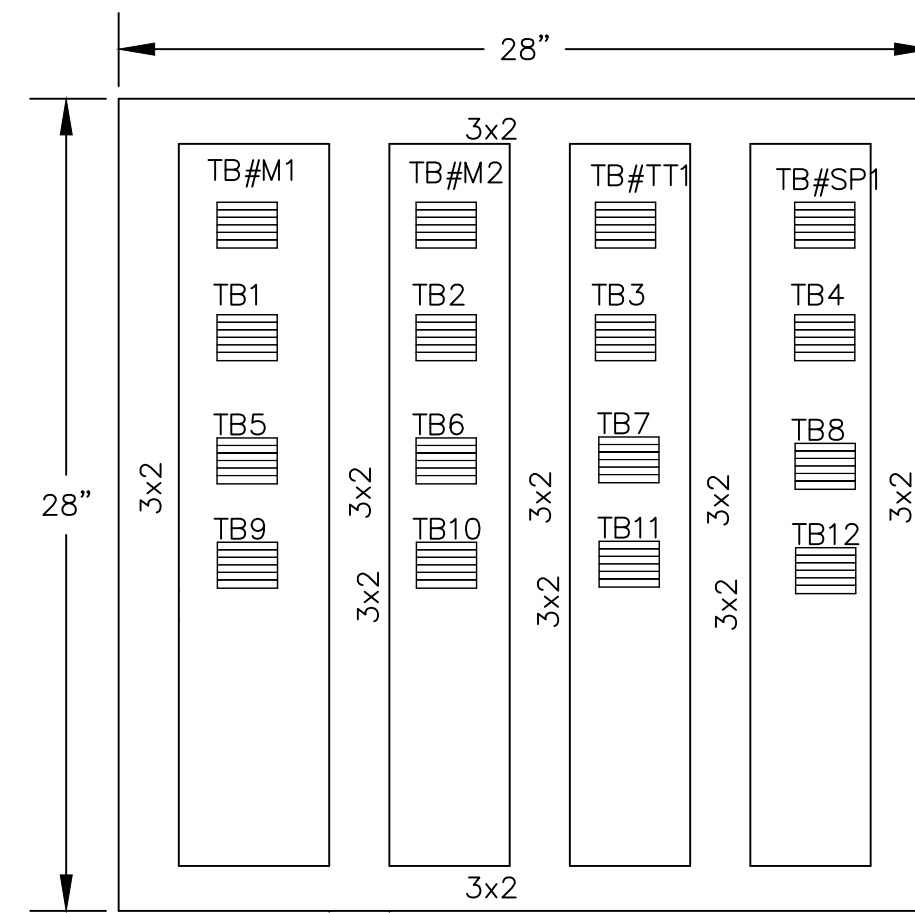
MAIN BREAKER #1



MAIN BREAKER #2



REMOTE OPERATIONAL PANEL BACKPANEL LAYOUT



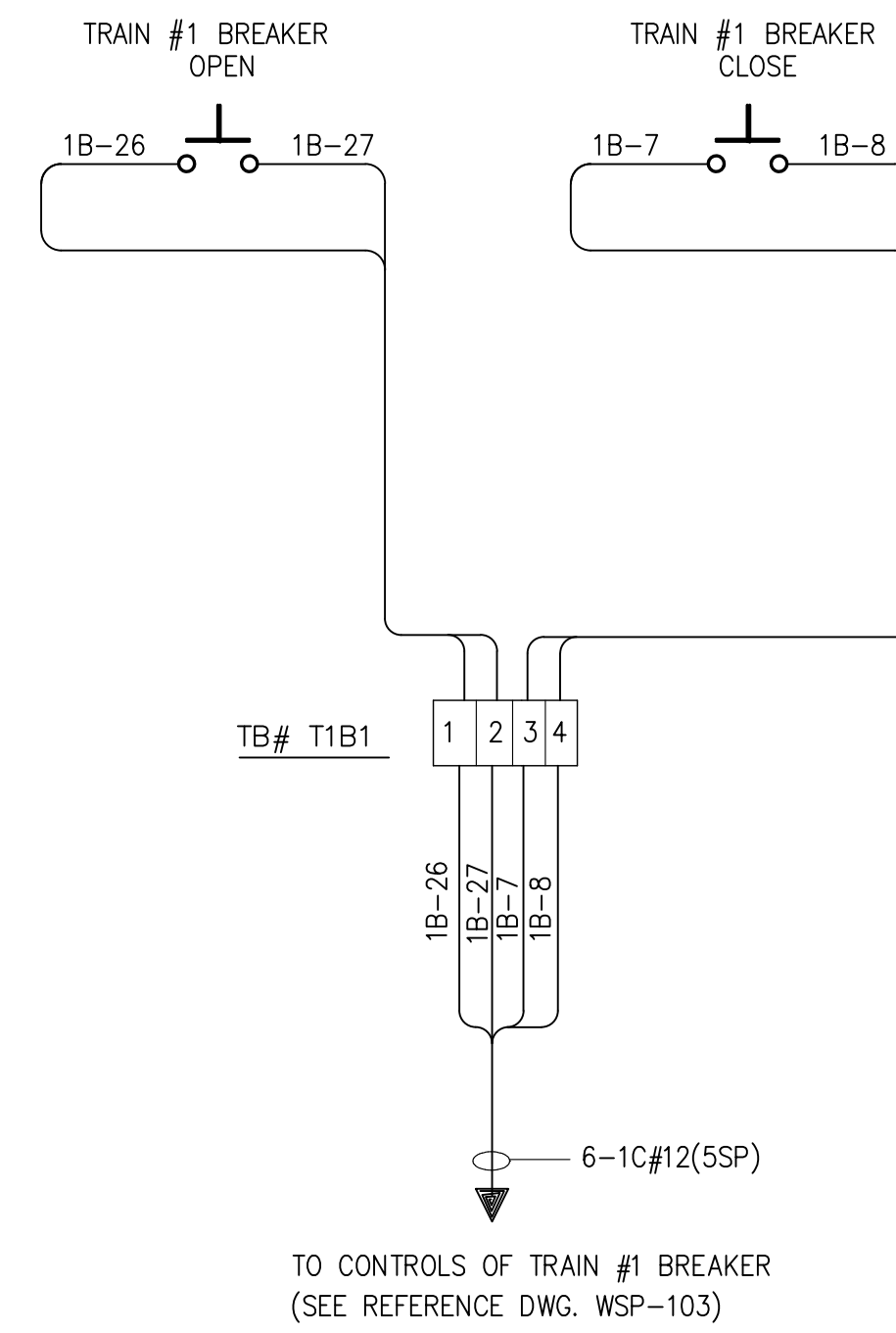
NAME PLATE DATA

1. MAIN BREAKER#1
2. MAIN BREAKER#2
3. TIE BREAKER #1
4. SPARE BREAKER #1
5. TRAIN #1
6. TRAIN #2
7. TRAIN #3
8. TRAIN #4
9. TRAIN #5
10. TRAIN #6
11. TRAIN #7
12. TRAIN #8

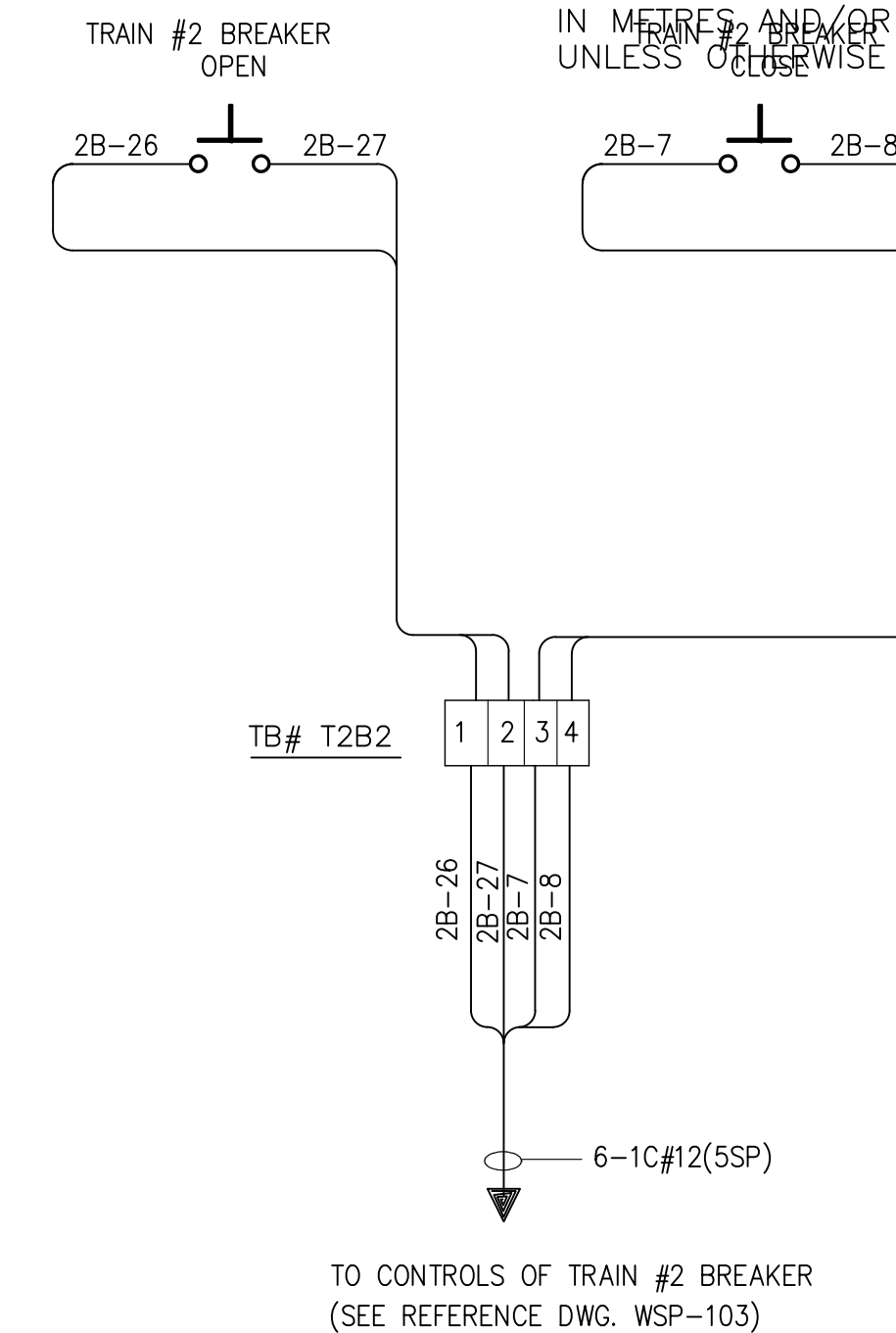
NOTE:
THIS DRAWING IS TO BE USED ONLY AS A REFERENCE DRAWING FOR EXISTING INSTALLATIONS AND EXPANSION OF EXISTING EQUIPMENT AS NECESSARY, NOT TO BE USED IN NEW DESIGNS.

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.

TRAIN #1

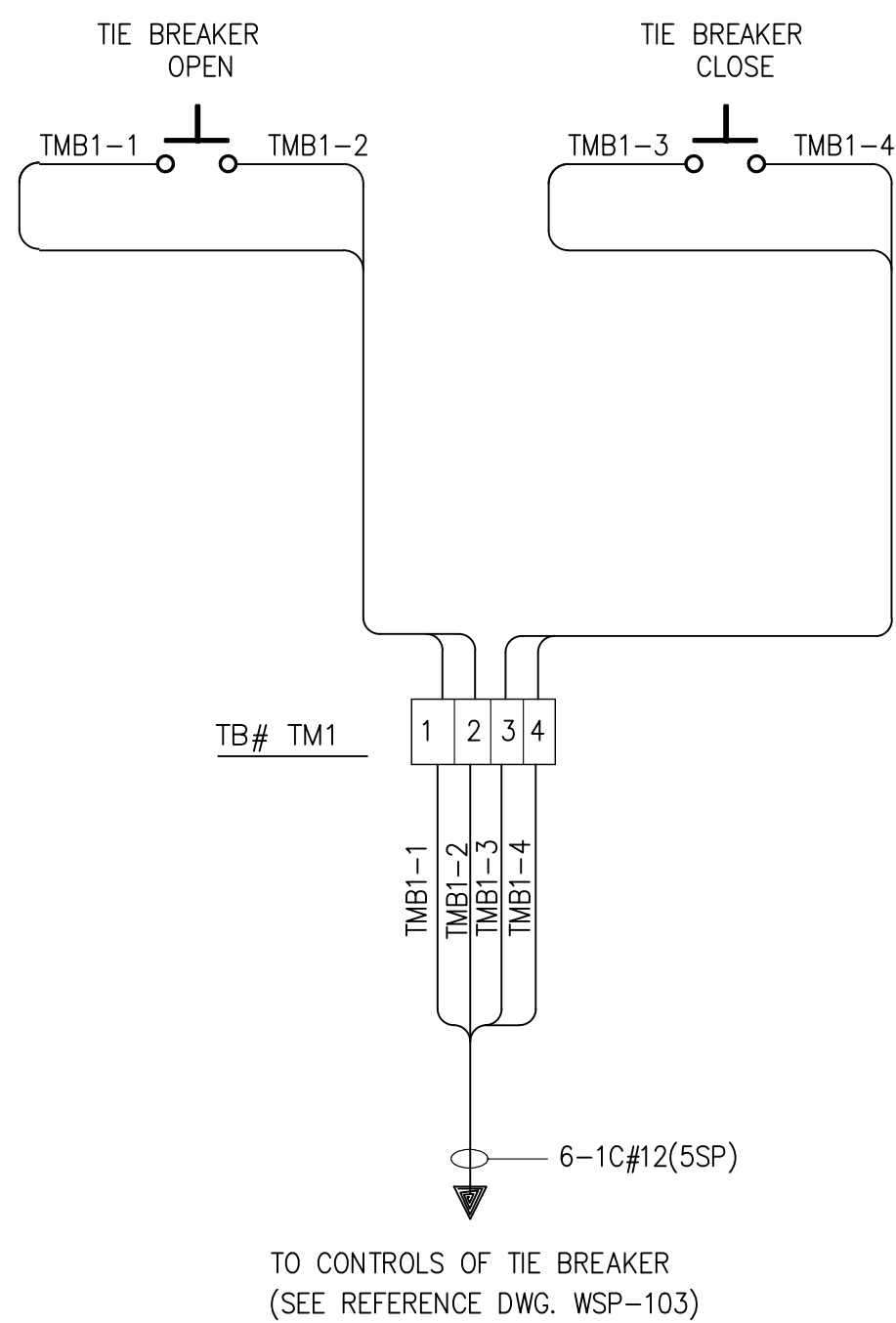


TRAIN #2

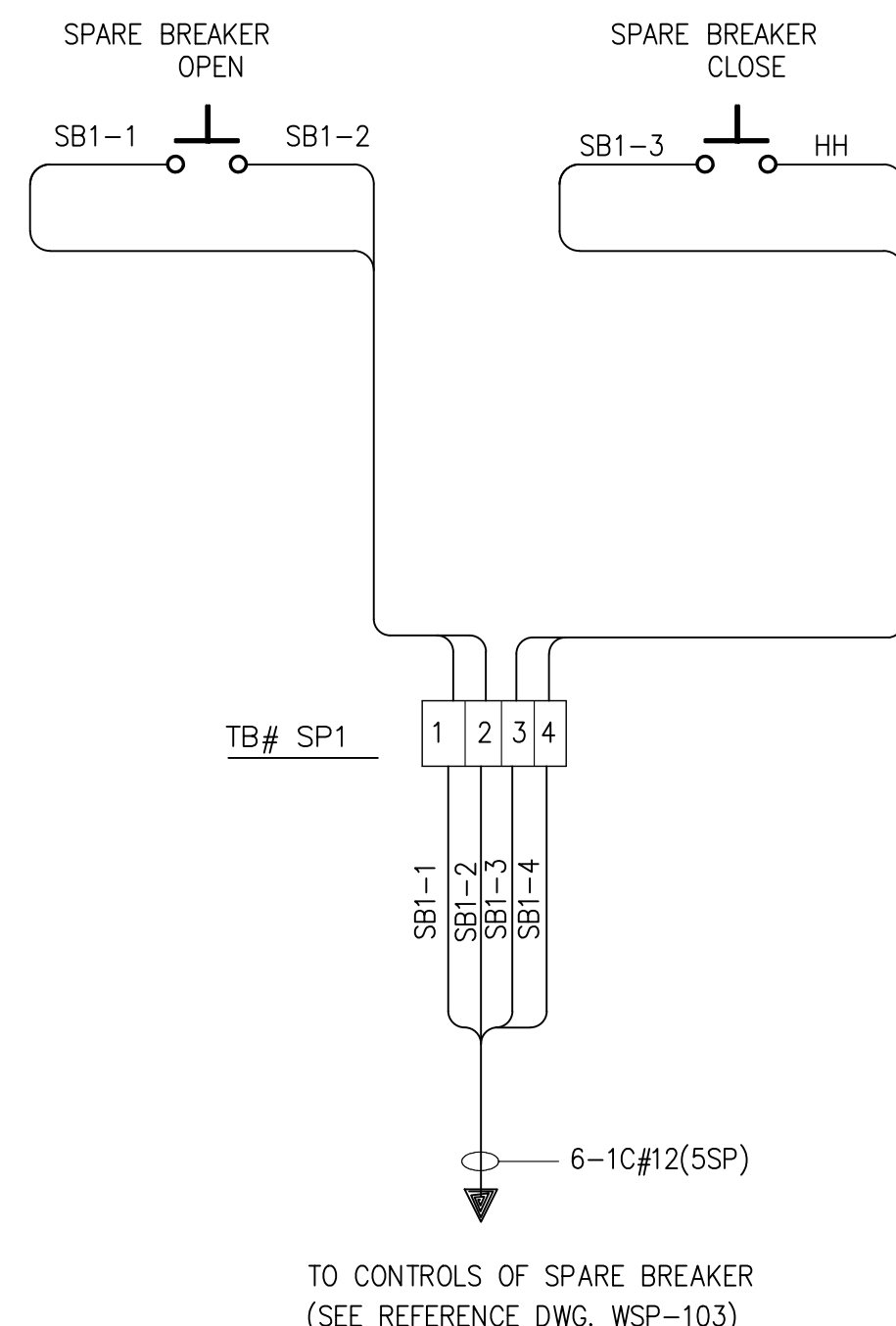


METRIC
ALL DIMENSIONS SHOWN ARE IN METRES, AND/OR MILLIMETRES UNLESS OTHERWISE NOTED.

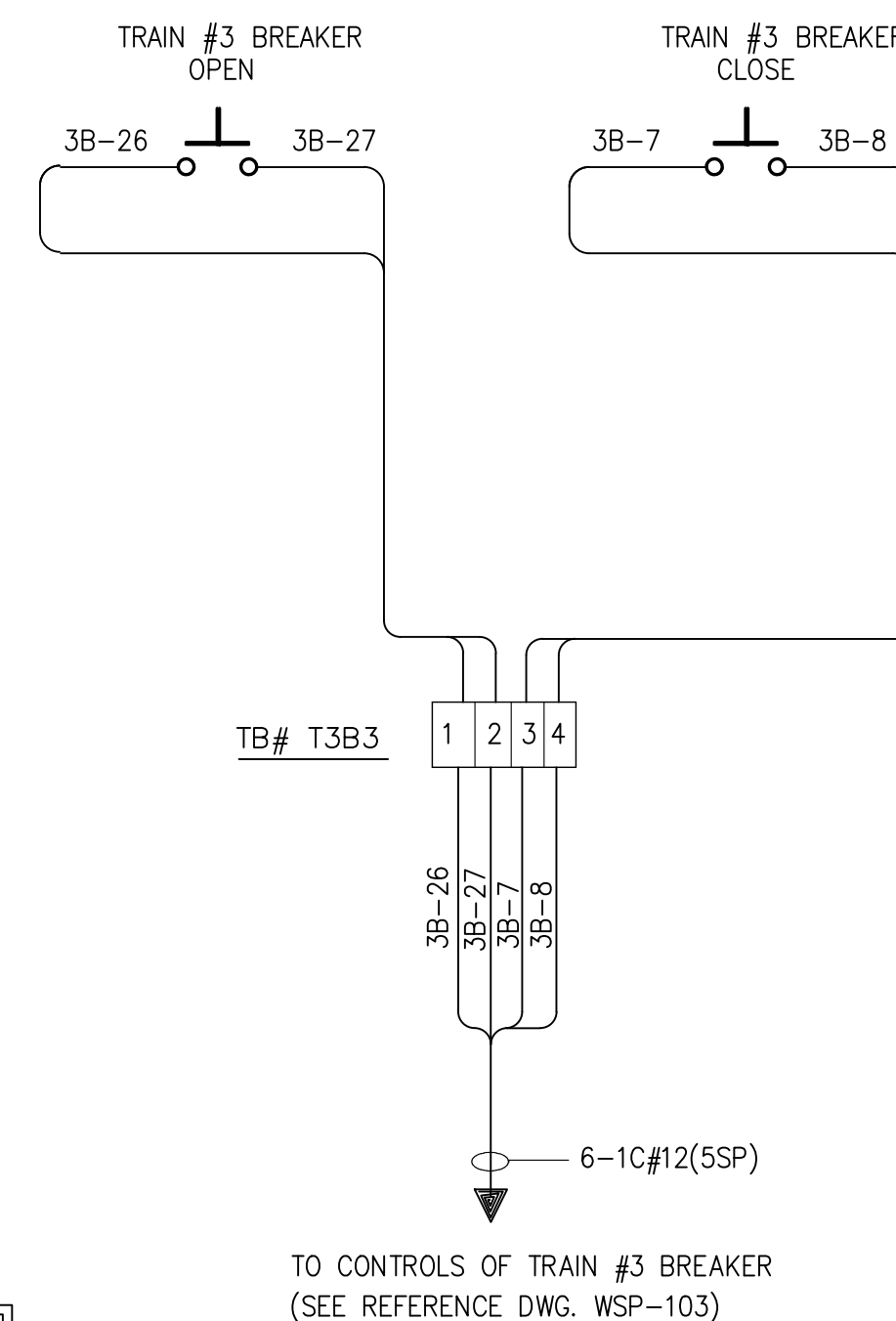
TIE BREAKER



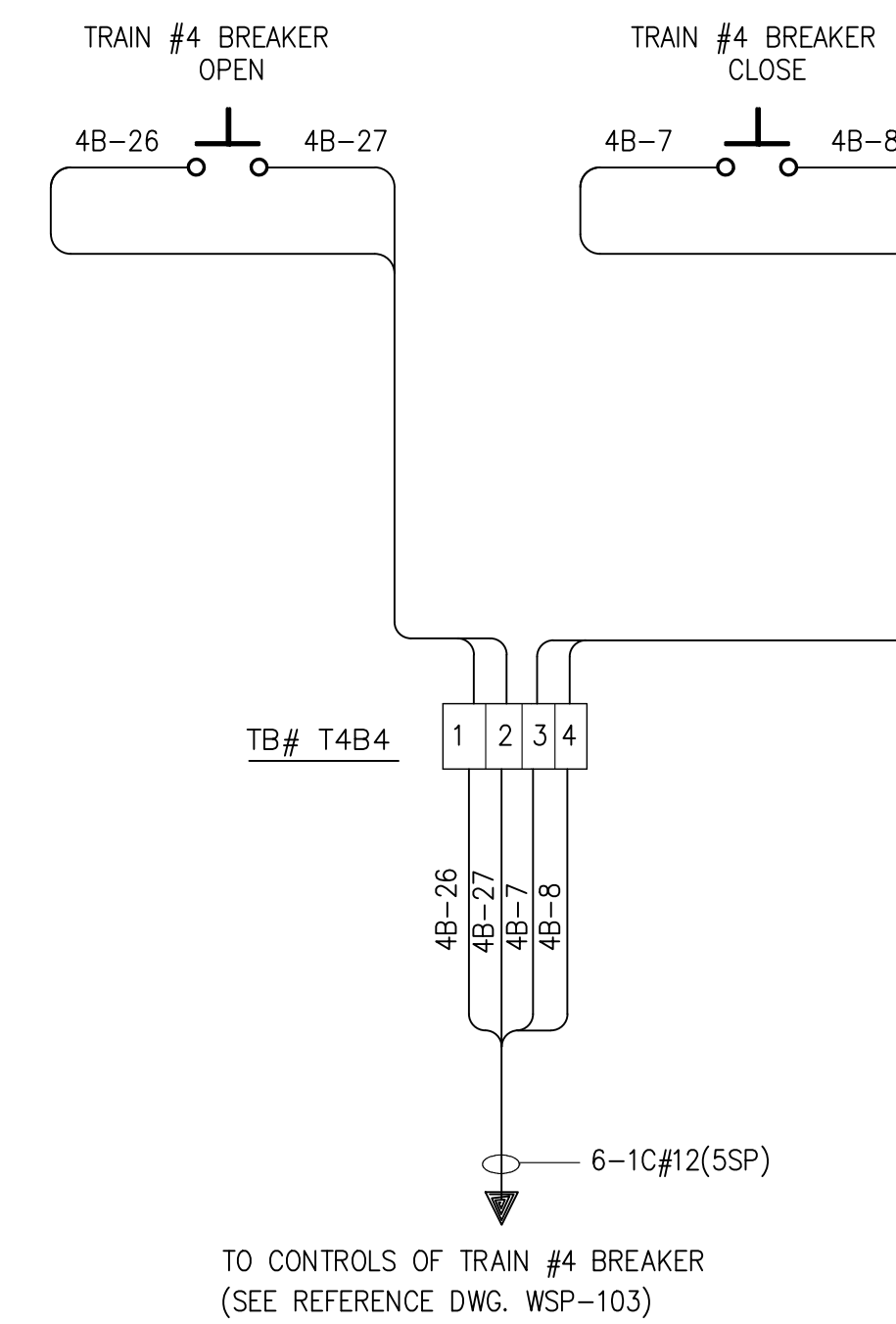
SPARE BREAKER



TRAIN #3 BREAKER



TRAIN #4 BREAKER



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: XXYY WHERE "XX" REP FINAL 2 DIGITS OF DWG # AND "YY" REP QUADRANT LOCATION ON DWG. IE. 02C1 = EDD-W1-002 QUAD. C1
3. THE 20 CONDUCTOR CABLE MAY BE CONSERVATIVE BUT THERE SHALL BE AT LEAST 25% SPARE OF ALL CONTROL WIRES GOING TO THE WAYSIDE CABINET.
4. WIRE LABELS ARE TO BE REPLACED BY SWITCHGEAR SUPPLIER TO MATCH EQUIPMENT PROVIDED.
5. REFER TO ELECTRIFICATION STANDARDS AND SPECIFICATIONS FOR GROUNDING AND BONDING, EMI/EMF WITHSTAND REQUIREMENTS, CABLING REQUIREMENTS.

GO TRANSIT PROJECT NO. XX

REFERENCE DRAWINGS		ISSUE		REVISIONS		DRAWN BY: XX XX	DESIGNED BY: XX XX		XXXXXX WAYSIDE POWER REMOTE OPERATIONAL PANEL WIRING DIAGRAM		CONTRACT NO. XX	DWG. NO. WSP-127	REV. 0	SHEET XX XX
						CHECKED BY: XX XX	APPROVED BY: XX XX							
						SCALE: N.T.S. FULL SIZE ONLY								
DWG. NO.	TITLE	REV.	DATE	ISSUED FOR	REV.	DATE								