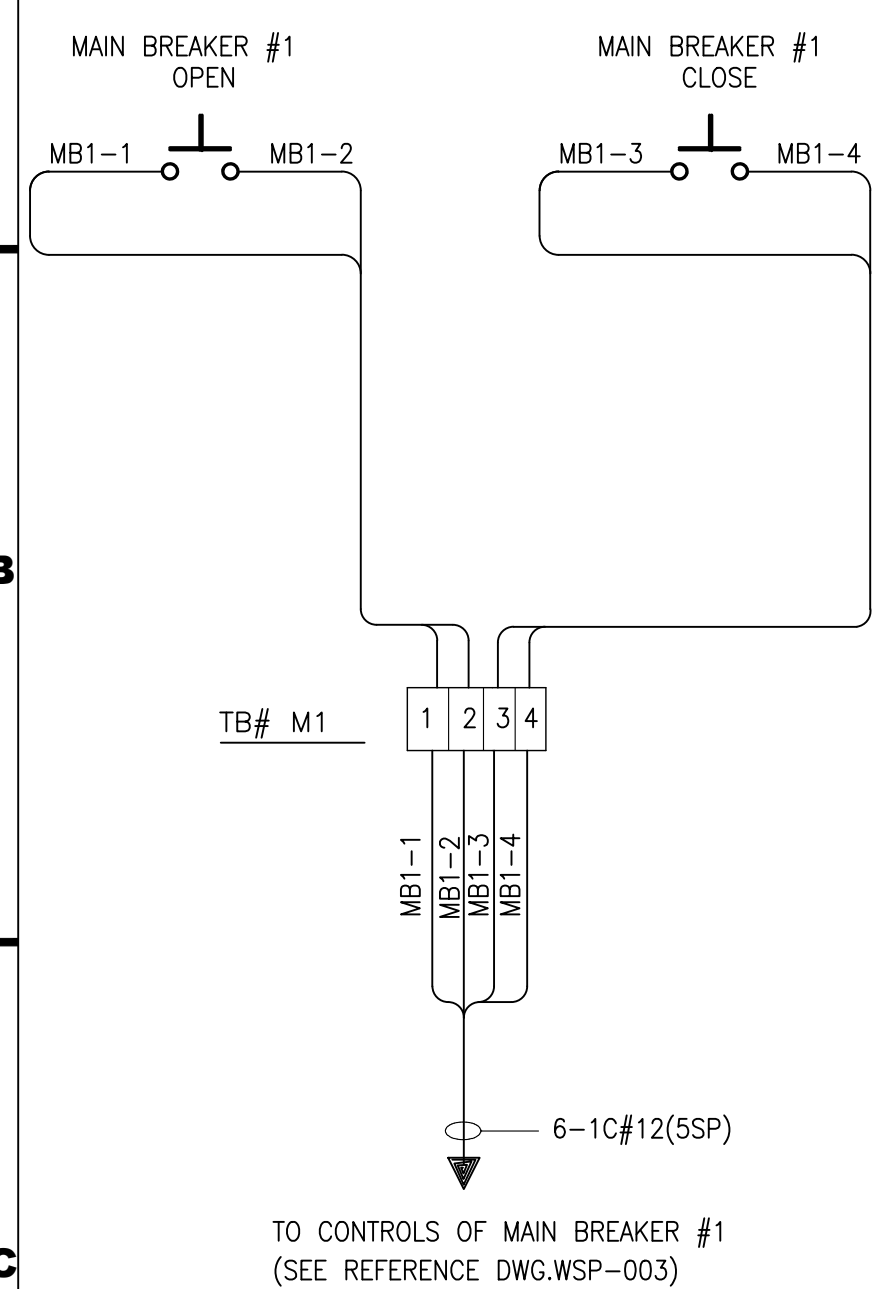


REMOTE OPERATIONAL PANEL

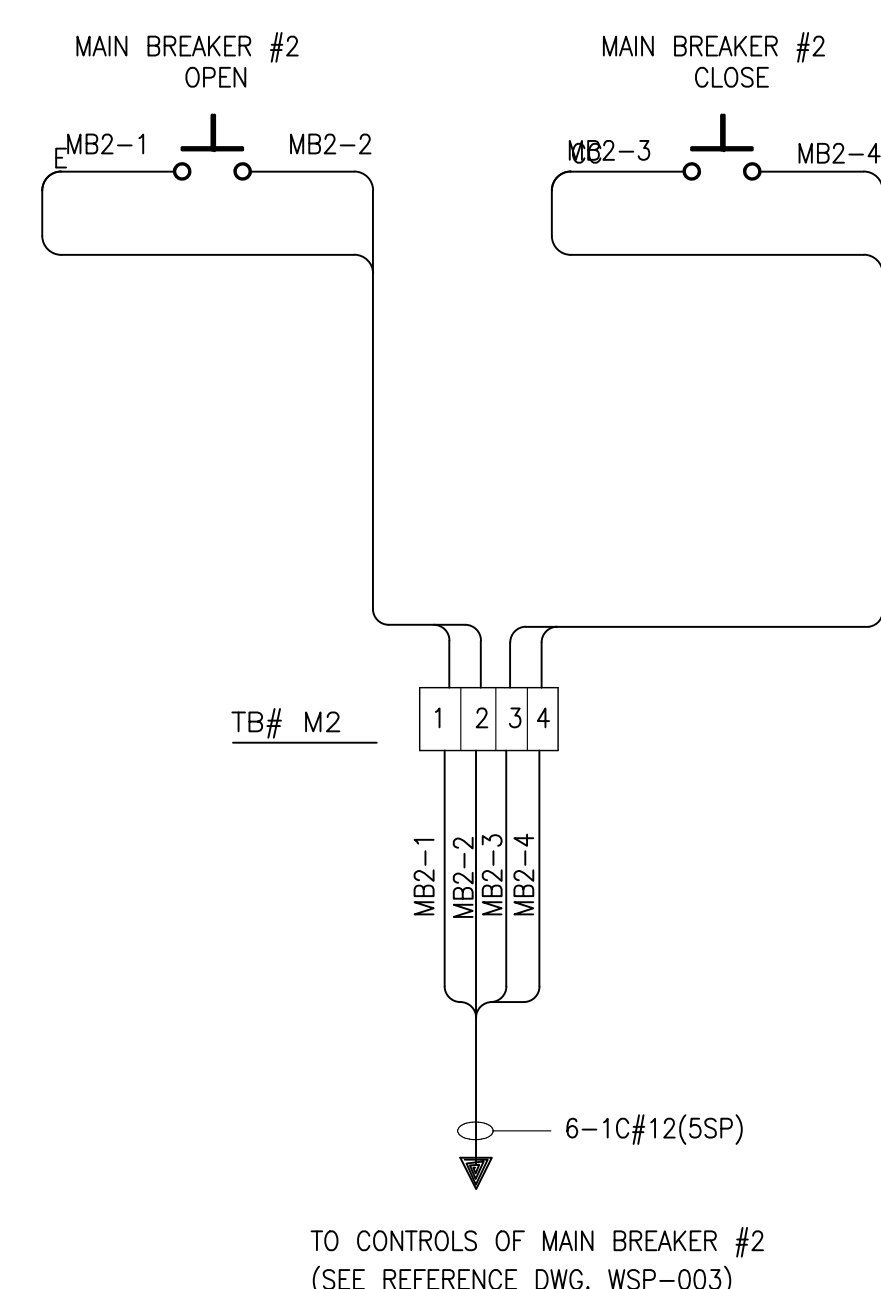
METRIC

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

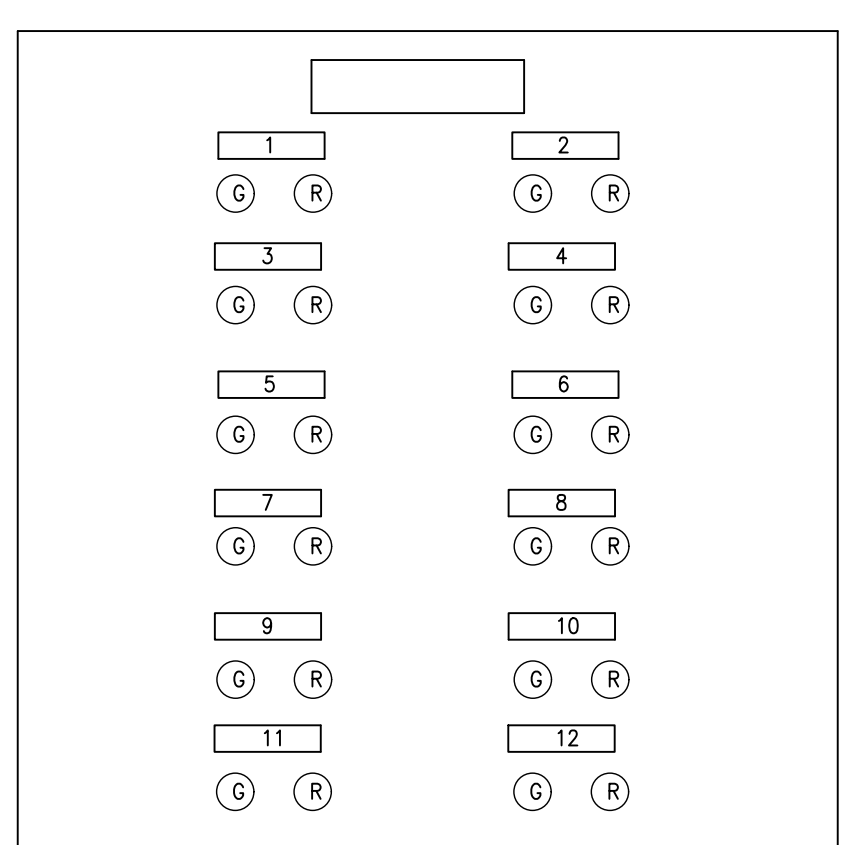
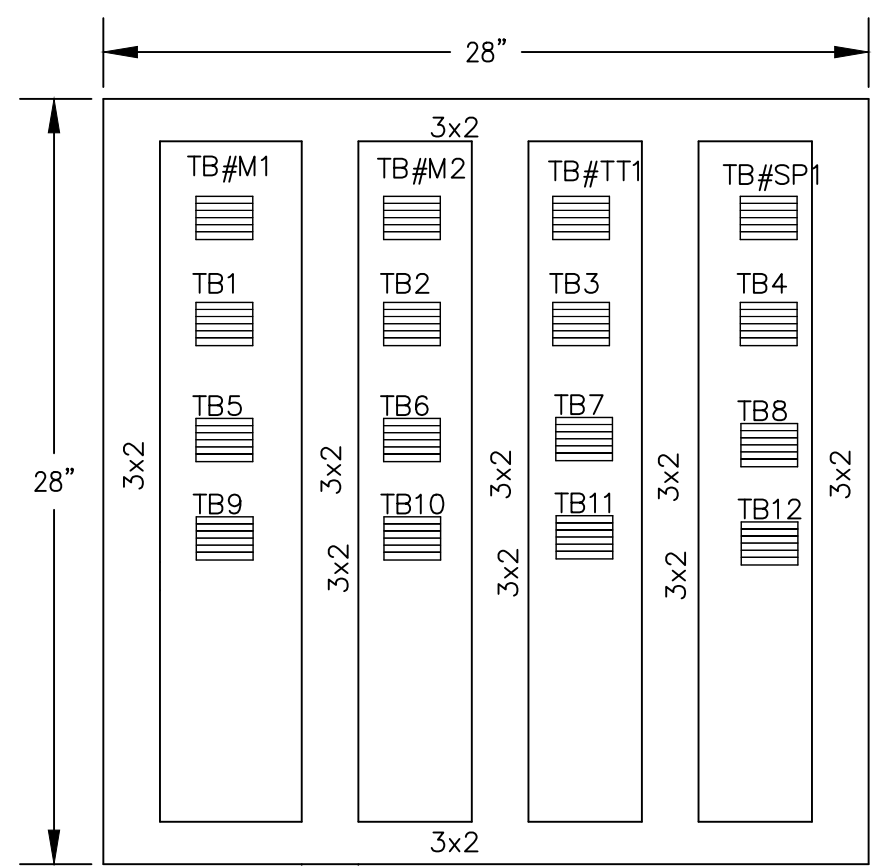
MAIN BREAKER #1



MAIN BREAKER #2



REMOTE OPERATIONAL PANEL BACKPANEL LAYOUT



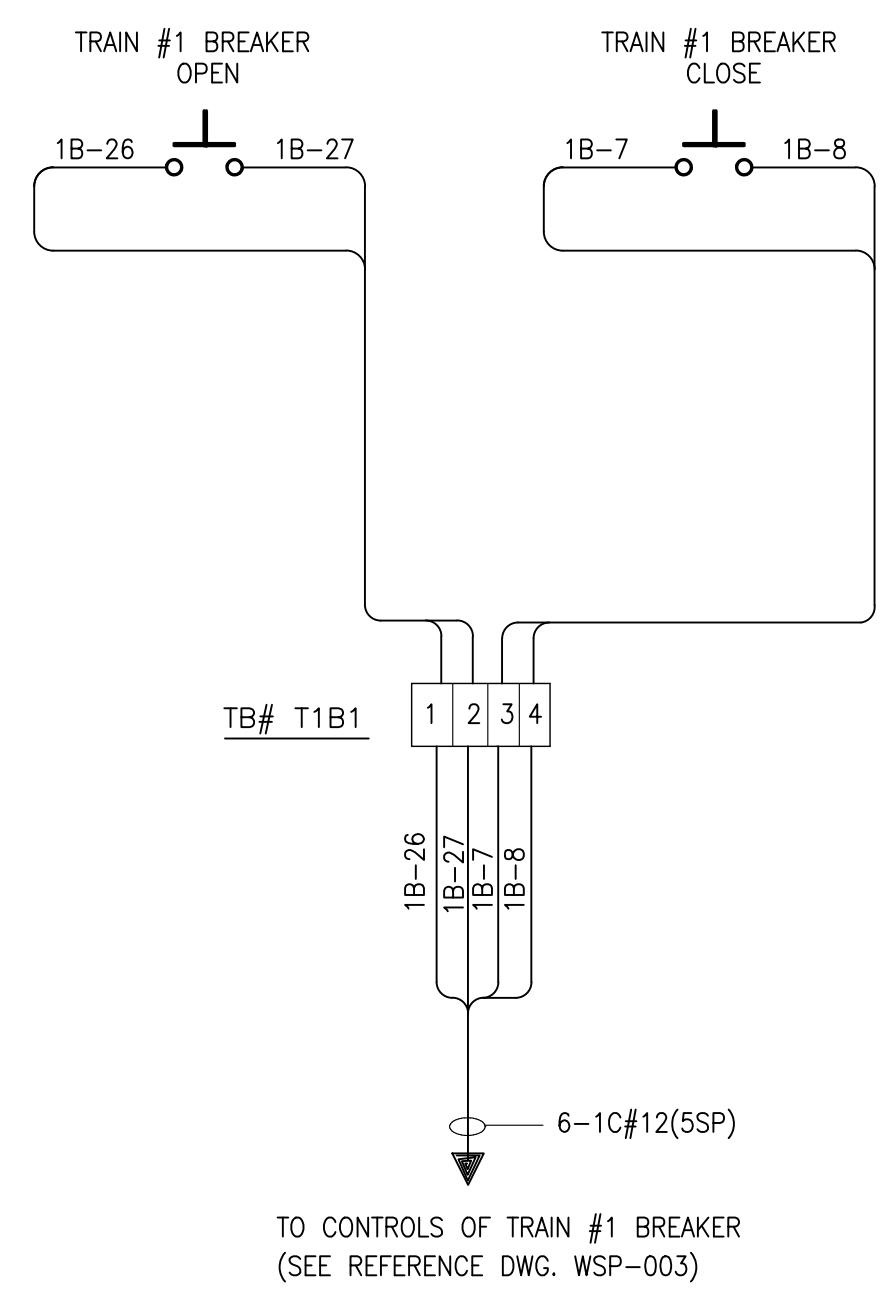
REMOTE OPERATIONAL PANEL DOOR LAYOUT

- 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

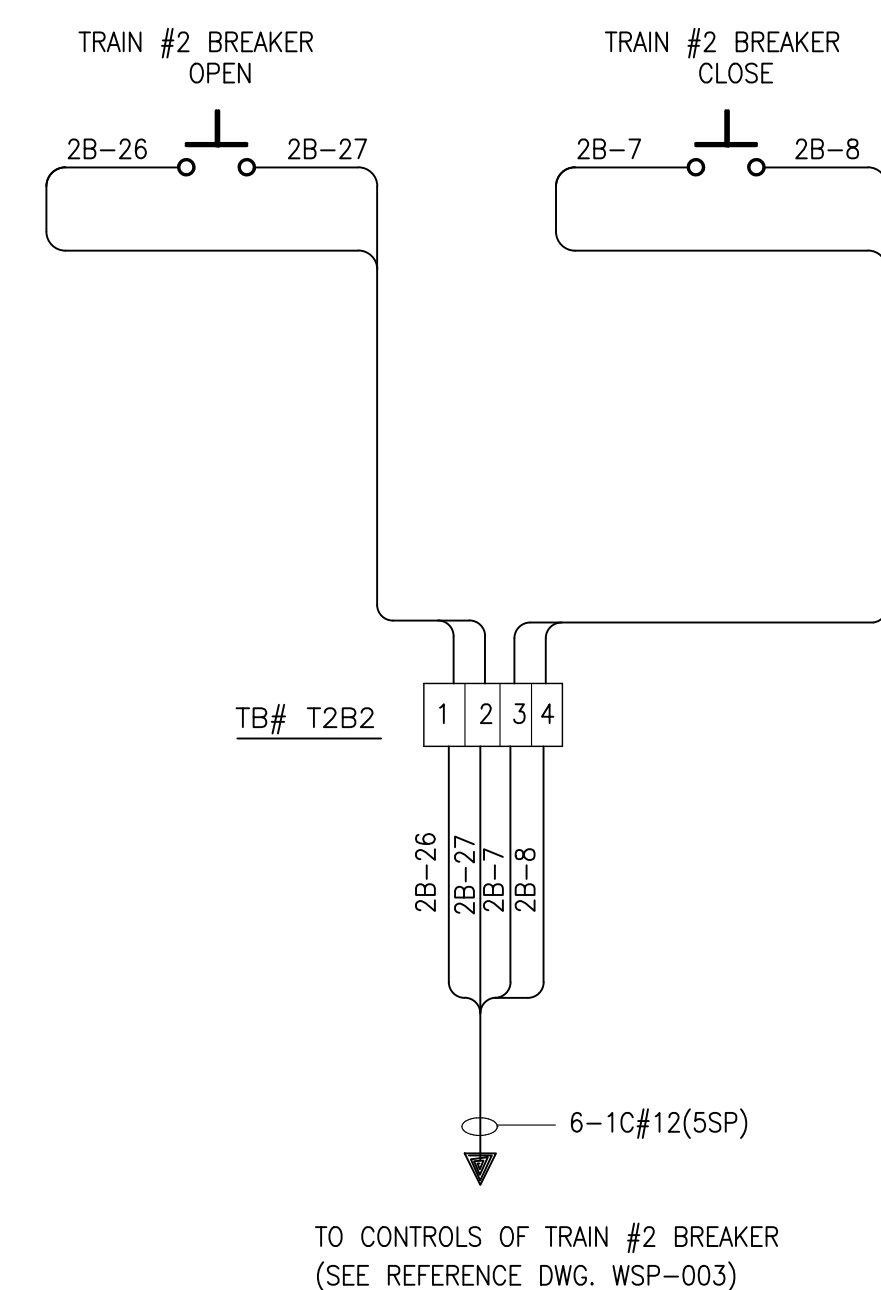
NOTE:
THE 20 CONDUCTOR CABLE MAY BE OVER KILL FROM EACH WAYSIDE CABINET BUT THERE MUST BE AT LEAST 25 % SPARE OF ALL CONTROL WIRES GOING TO THE WAYSIDE CABINET

NOTE:
WIRE LABELS ARE TO BE REPLACED BY SWITCHGEAR SUPPLIER TO MATCH EQUIPMENT PROVIDED

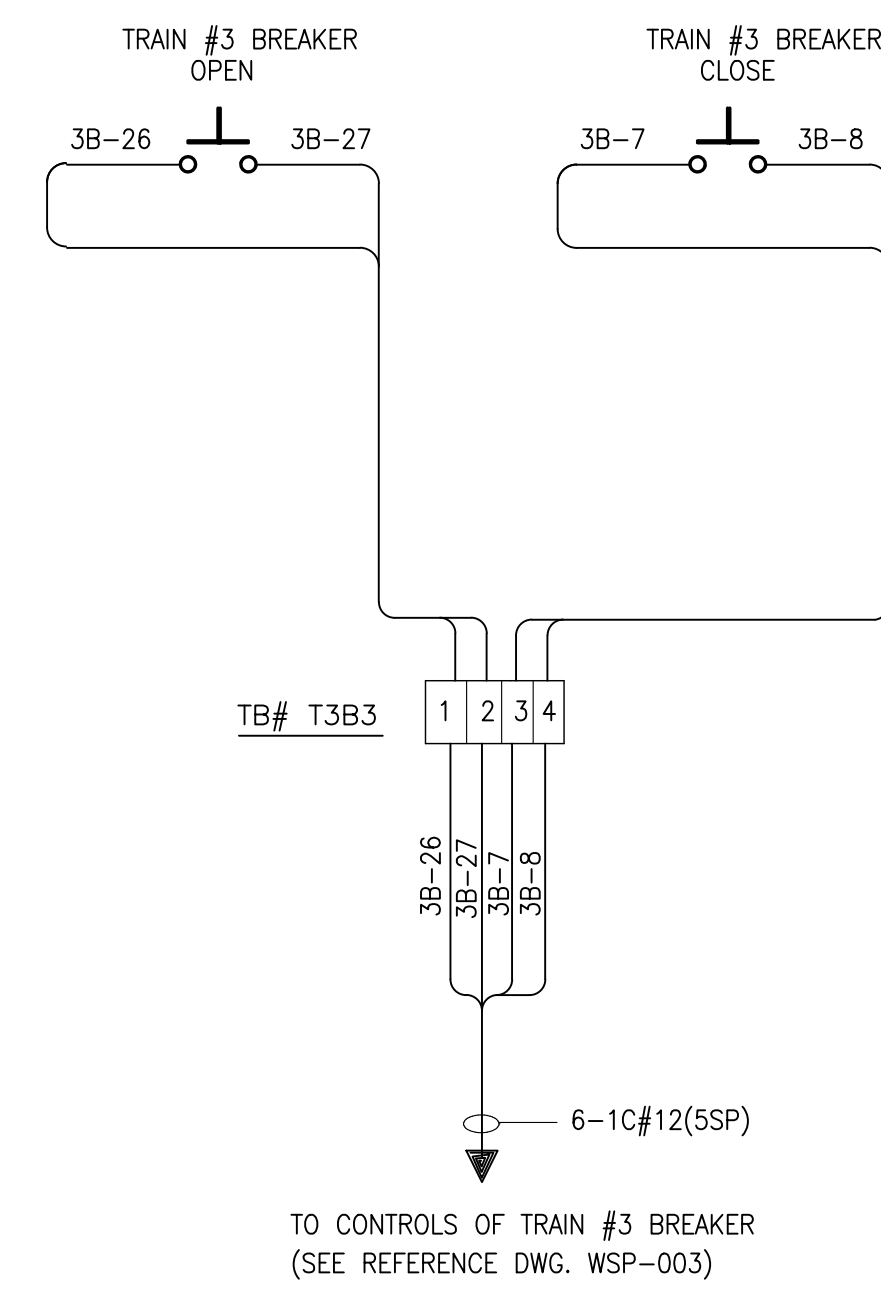
TRAIN #1



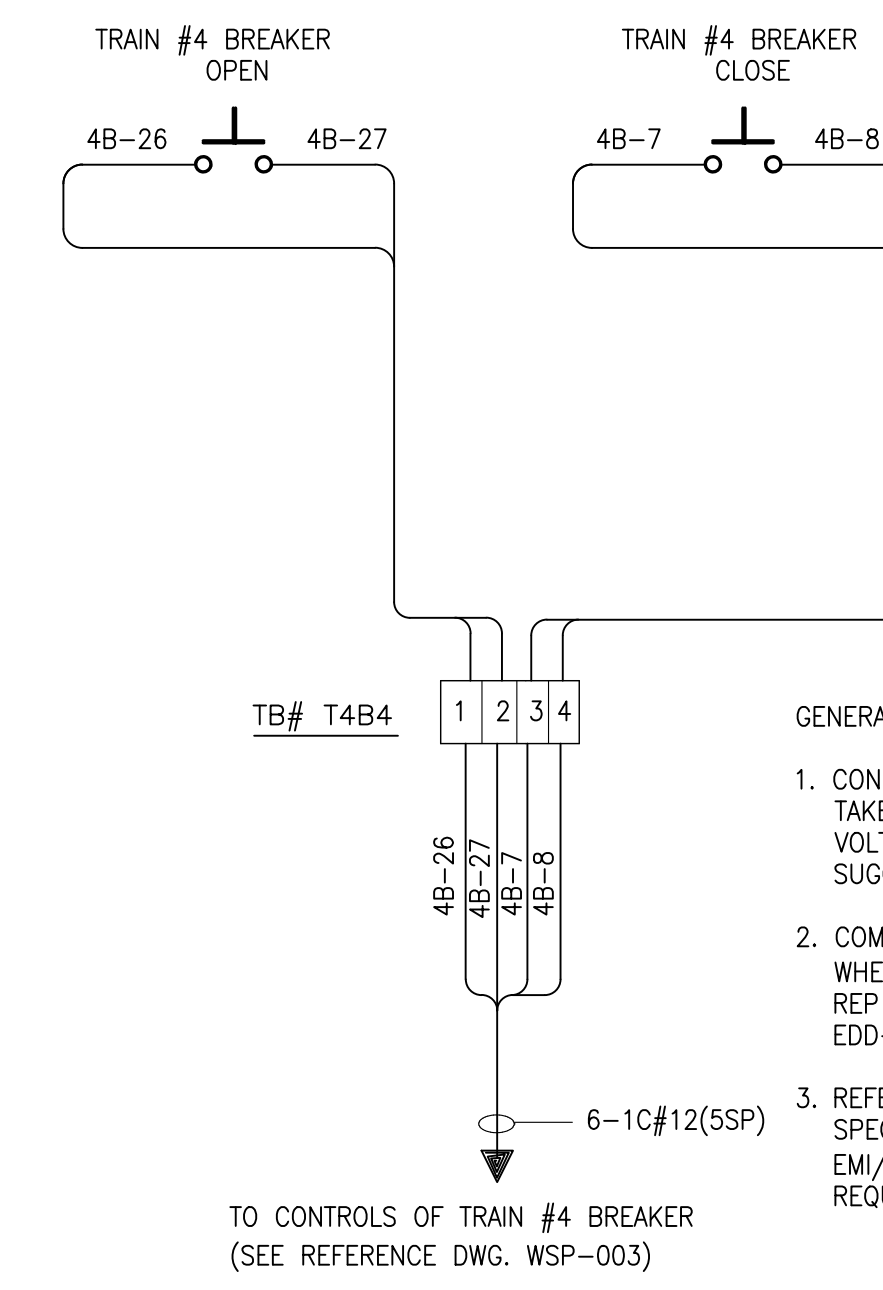
TRAIN #2



TRAIN #3 BREAKER



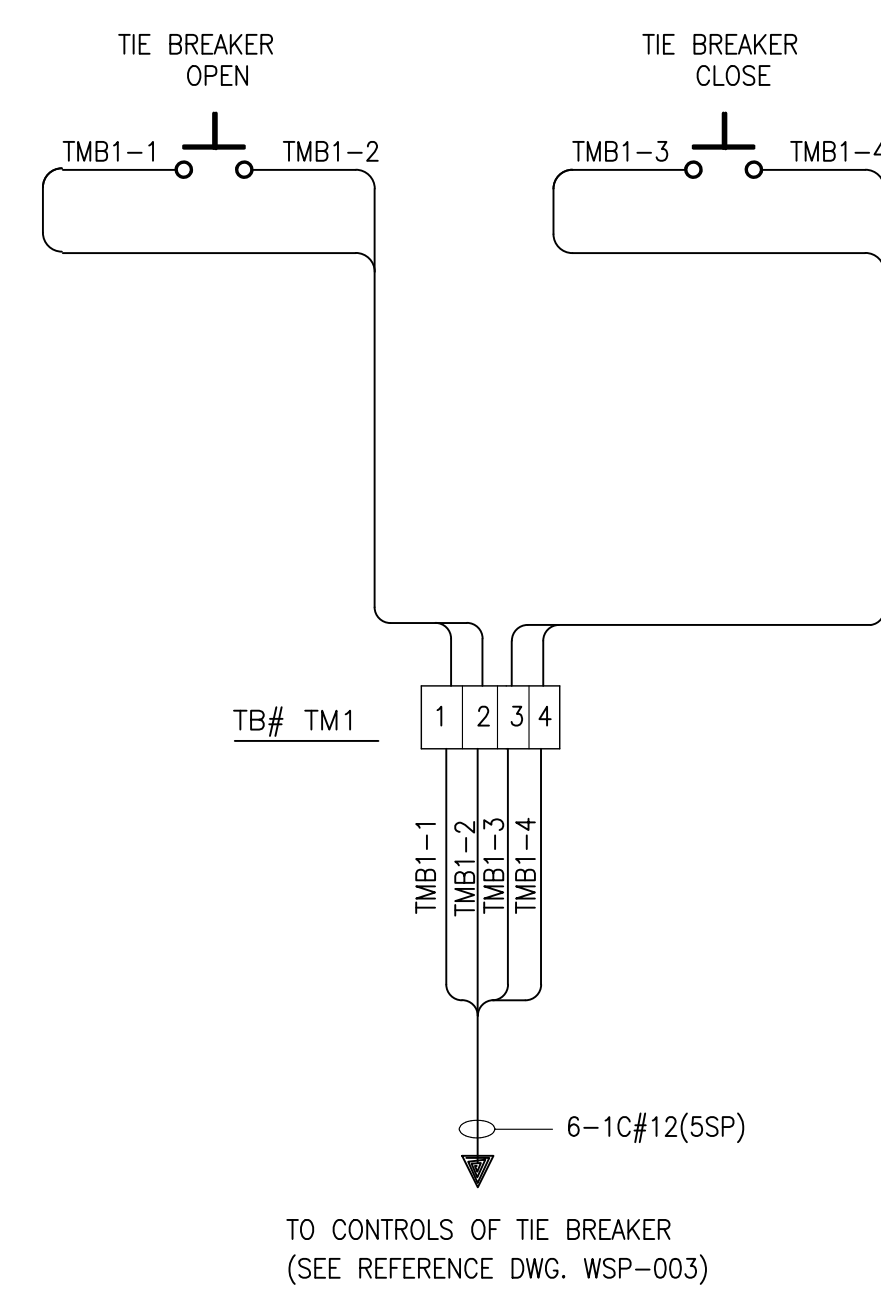
TRAIN #4 BREAKER



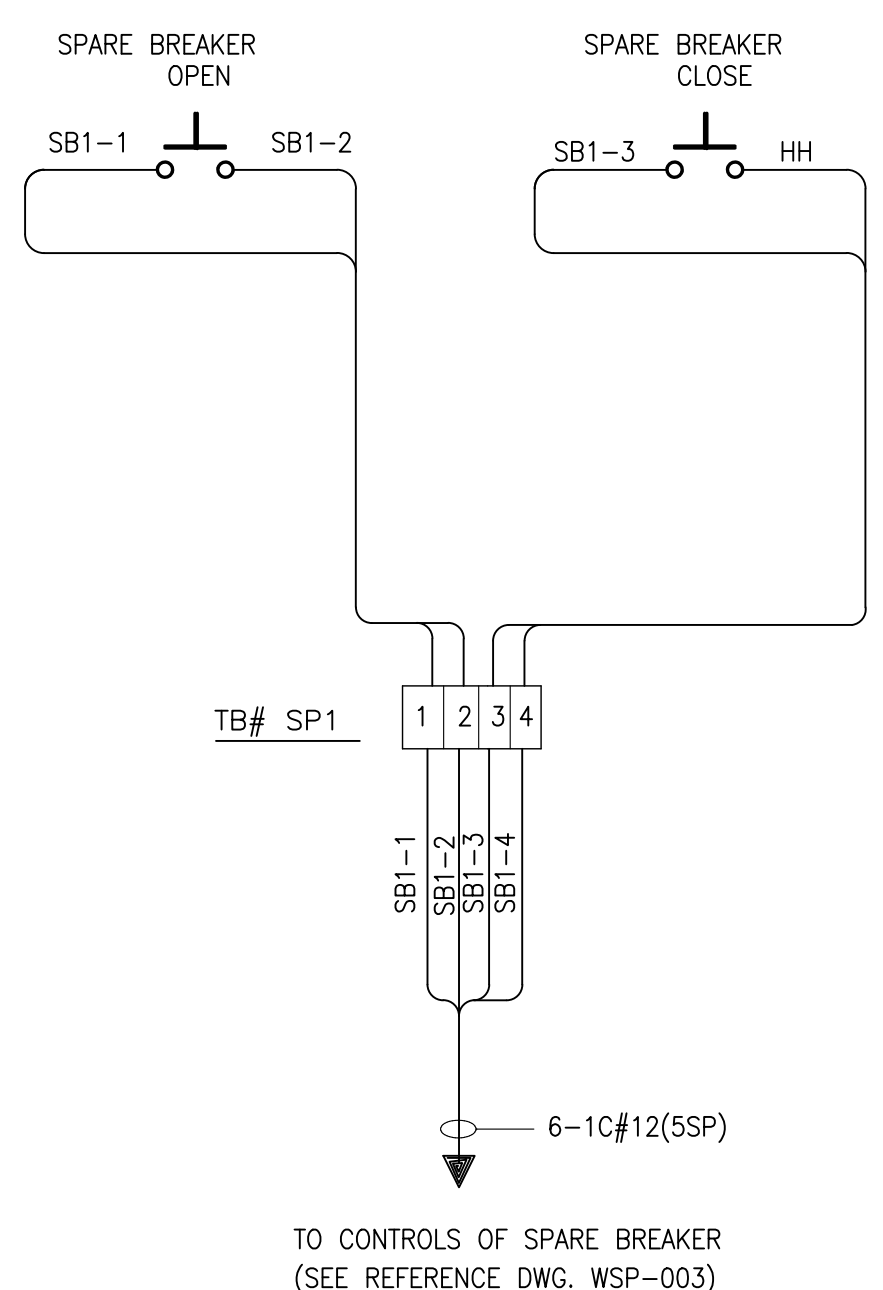
GENERAL NOTES:
1. CONSULTANTS ARE TO REVIEW ALL WIRE SIZING TO TAKE INTO ACCOUNT; DERATING AND 3% MAXIMUM VOLTAGE DROP FACTORS. WIRE SIZES ARE SUGGESTIONS ONLY!
2. COMPONENT CROSS REFERENCES SHOWN AS: XXXY WHERE "XX" REP FINAL 2 DIGITS OF DWG # AND "YY" REP QUADRANT LOCATION ON DWG. IE. 02C1 = EDD-W1-002 QUAD. C1
3. 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.

TIE BREAKER



SPARE BREAKER



GO TRANSIT PROJECT NO. XXXXX

REF. NO.	REFERENCE DRAWINGS	ISSUE	REVISIONS	DATE	DESCRIPTION
5			FEB. 2018	UPDATES AND ADDITIONS	
4			DEC 2013	DISCLAIMER NOTE	
3			MAR 2013	UPDATES AND ADDITIONS	
2			JULY 2012	NOMENCLATURE REVISION	
1			SEPT.2010	GENERAL REVISIONS	

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



XXXXXX WAYSIDE POWER REMOTE OPERATIONAL PANEL WIRING DIAGRAM			
CONTRACT NO. XXXXXXXXXXXX	DWG. NO. WSP-027	REV. 5	SHEET XX

AutoCAD drawing: WSP-027.dwg Aug 15/18 12:28pm