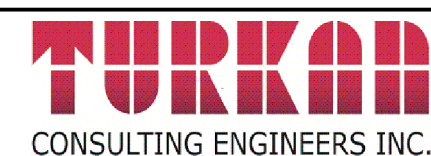


REFERENCE DRAWINGS		REF. No.
	FPE SR 155-W1, REV. 4 (1990)	1
	FPE SB 6165-W1, REV. 1 (1985)	2
	FPE SB 6165-W1, REV. 1 (1985)	3
	FPE SR-242-W1, REV. 2 (1985)	4
EMD E2	MAIN SUBSTATION 1-LINE	5
EMD E76	4532 FRONT ARRANGEMENT	6
EMD E77	2532 FRONT ARRANGEMENT	7
EMD E4305	480V GFM SYSTEM	8
EMD E6	STANDBY SYSTEM 1-LINE	9
EMD E1	NUMBERING SYSTEM	10
EMD E3	PUMPHOUSE 1-LINE	11

DUPLICATE REFERENCE

GENERAL NOTES:

1. THE DRAWING IS DERIVED FROM PWSC PROJECT NO. 845398 AS-BUILT DRAWING NO. E5 OF 21, REV. 2.
2. UNLESS NOTED OTHERWISE, ALL BREAKERS ARE 3-POLE FOR ADDITIONAL BREAKER DETAILS, SEE SWITCHBOARD FRONT ARRANGEMENT DRAWINGS AND PANEL SCHEDULES.
3. FOR FEEDER GROUND FAULT PRIORITIES, SEE SWITCHBOARD FRONT ARRANGEMENT DRAWINGS.
4. 52-4 IS NOT SHOWN ON THIS DRAWING PER REF. 1.
5. STANDARD PWSC FONT SIZE OF 2.5mm IS NOT IMPLEMENTED ON EMD DRAWINGS BY SPECIAL PERMISSION.
6. FOR SYMBOLS AND ABBREVIATIONS, SEE ESD'S.
7. FAULT LEVELS ARE RMS SYMMETRICAL INTERRUPTING DUTY BASED ON THE SHORT CIRCUIT STUDY OF 31 JULY 2013.

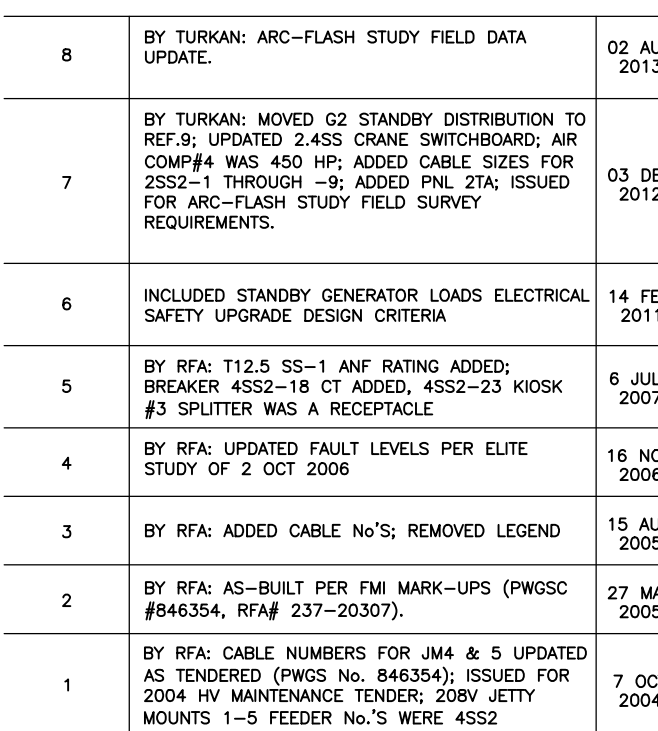


308-630 Seaforth St. Victoria, BC, V9R 3R7, Canada  
Telephone: 250-590-2033 [www.turkan.ca](http://www.turkan.ca)

Project No. 207-12082

TEMPORARY NOTES:

1. VERIFY INTERNAL DISTRIBUTION.
2. (NOT USED).
3. VERIFY CT. RATIO.
4. VERIFY I.C. RATING OF 52-4SS1-3.
5. VERIFY P.T. SOURCE.
6. INVESTIGATE IF SWITCH RATING IS ADEQUATE.
7. VERIFY 2 OR 3 CT'S.
8. (NOT USED).
9. CHANGE NAMEPLATE.
10. (NOT USED).
11. FIELD VERIFY CONDUIT SIZES.
12. CONFIRM METER NUMBERS AND IDENTIFY BREAKER.
13. (NOT USED).
14. VERIFY IF SPARES ARE CONNECTED TO SECTION #3 BUS OR THE MAIN BUS.
15. VERIFY CONNECTION.
16. UPGRADE BREAKER FOR I.C. RATING.



SOUTH SIDE  
SUBSTATION  
SINGLE LINE DIAGRAM