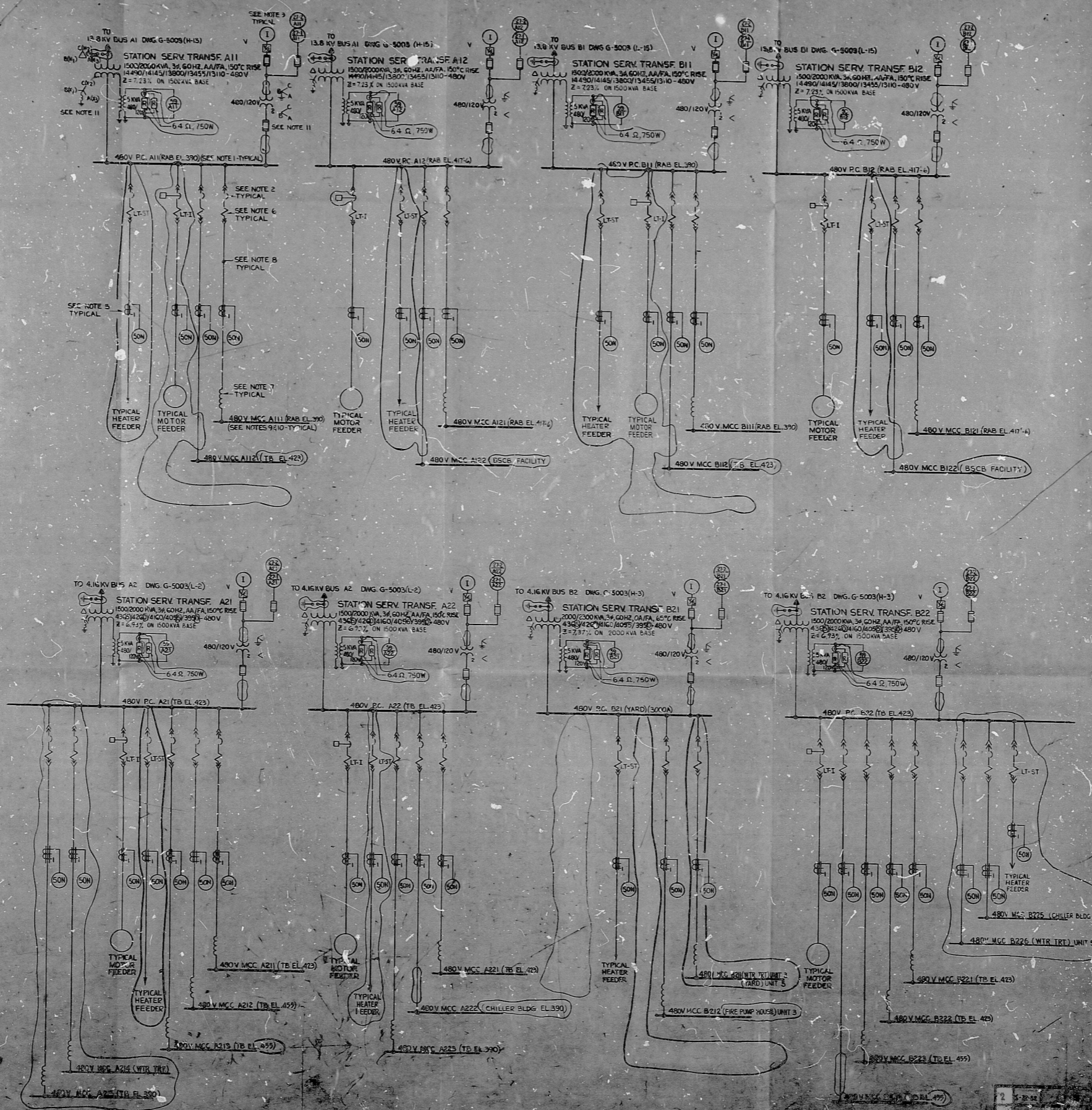


WPPSS-3240
G-5005



NOTES

1. ALL PC BUSES ARE RATED 500A, 50K V RMS SYM UNLESS OTHERWISE NOTED.
2. ALL 480V PC CIRCUIT BREAKERS ARE 1600A FRAME UNLESS OTHERWISE NOTED. THE CIRCUIT BREAKERS ARE RATED 50KA RMS SYM I.C.
3. ALL RELAYS AND INSTRUMENTS SHOWN ON THIS DRAWING ASSOCIATED WITH THE 480V SYSTEM ARE LOCATED AT THE 480V PC.
4. EACH MOTOR FED FROM THESE PC'S WILL HAVE AN INTEGRAL THERMAL OVERLOAD DEVICE FOR ALARMS ONLY.
5. ALL THERMAL ZERO SEQUENCE CT'S ARE 50/5.
6. ALL BREAKERS ARE EQUIPPED WITH SOLID STATE TRIP UNITS. ALL MCC FEEDER BREAKERS HAVE SENSORS, RATEL, 800A AND LONG TIME - SHORT TIME, LT, ST TRIP ELEMENTS.
7. ALL CURRENT LIMITING REACTORS ARE RATED 0.0121 PHASE 600A.
8. ALL FEEDER CONNECTING MCC TO PC ARE 6-1C, 500MCM UNLESS OTHERWISE NOTED.
9. ALL MCC BUSES ARE RATED 600A 22KA SYM UNLESS OTHERWISE NOTED.
10. ALL MCC BREAKERS ARE RATED 22KA RMS SYM I.C UNLESS OTHERWISE NOTED.
11. TYPICAL PHASING FOR ALL POWER CENTERS UNLESS OTHERWISE NOTED.
12. ALL PC BREAKERS FEEDING MCC'S WILL BE MANUAL TYPE.
13. ALL BREAKERS ARE STORED ENERGY TYPE.
14. FOR REFERENCE 6 SYM 0.5 SEE DWG'S G-5003, G-5004.

ABBREVIATIONS

- PC - POWER CENTER
- MCC - MOTOR CONTROL CENTER
- ESL - SHUTDOWN SUPPLEMENTARY COOLING BLDG
- WTTRT - WATER TREATMENT
- TB - TURBINE BLDG
- RAB - REACTOR AUXILIARY BLDG

REFERENCE DRAWINGS

- MAIN ONE LINE DIAGRAM SH 1 - G-5003
- MAIN ONE LINE DIAGRAM SH 2 - G-5004
- PHASOR DIAGRAM - G-5016
- POWER DISTRIBUTION AND MOTOR DATA SHEETS - G-5017

WPPSS QUALITY CLASS II

PRC APERTURE CARD



WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 NUCLEAR PROJECTS NO. 3 & 5
 501-500 MW INSTALLATION
 501-500 MW REGULATORY
 KEY AUXILIARY ONE LINE DIAGRAM SH 1

NO.	DATE	REVISION	BY	CHKD
1	5-22-81	ISSUED FOR CONSTRUCTION
2

RIDS

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