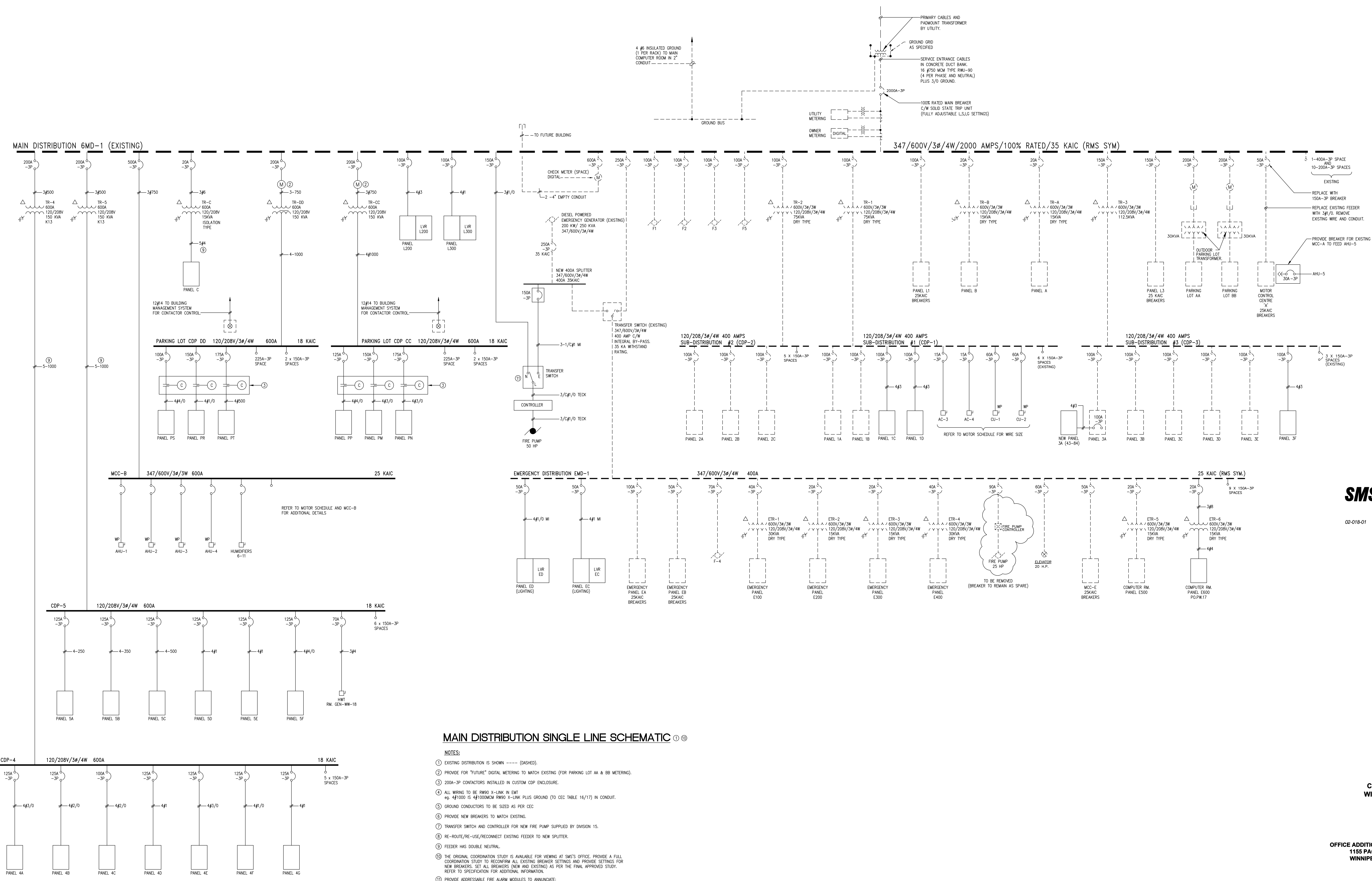
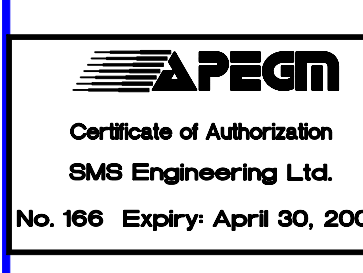
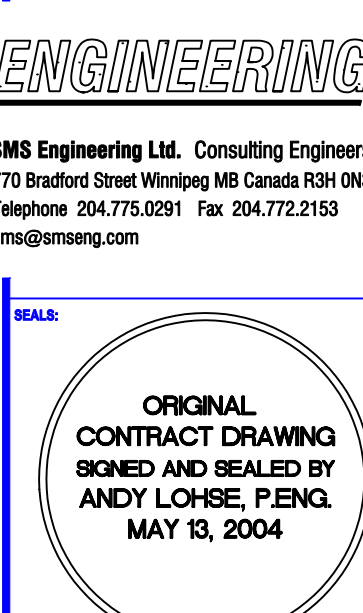


DATE:	AA
DESIGNER:	CB
DATE:	APRIL 2004
PROJECT NO.:	01716
REVISIONS:	
1. ISSUED FOR 50% REVIEW	FEBRUARY 6, 2004
2. ISSUED FOR 75% REVIEW	MARCH 5, 2004
3. ISSUED FOR PRETENDER REVIEW	APRIL 2004
4. ISSUED FOR TENDER	MAY 14, 2004



MAIN DISTRIBUTION SINGLE LINE SCHEMATIC

- NOTES:**
- EXISTING DISTRIBUTION IS SHOWN - - - - (DASHED).
 - PROVIDE FOR "FUTURE" DIGITAL METERING TO MATCH EXISTING (FOR PARKING LOT AA & BB METERING).
 - 200A-3Ø CONTACTORS INSTALLED IN CUSTOM CDP ENCLOSURE.
 - ALL WIRING TO BE RING X-LINK IN CABINET
 eg. 4#1000 IS 4#1000MM RW90 X-LINK PLUS GROUND (TO CEC TABLE 16/17) IN CONDUIT.
 - GROUND CONDUCTORS TO BE SIZED AS PER CEC.
 - PROVIDE NEW BREAKERS TO MATCH EXISTING.
 - TRANSFER SWITCH AND CONTROLLER FOR NEW FIRE PUMP SUPPLIED BY DIVISION 15.
 - RE-ROUTE/RE-USE/RECONNECT EXISTING FEEDER TO NEW SPLITTER.
 - FEEDER HAS DOUBLE NEUTRAL.
 - THE ORIGINAL COORDINATION STUDY IS AVAILABLE FOR VIEWING AT SMS'S OFFICE. PROVIDE A FULL COORDINATION STUDY TO RECONFIRM ALL EXISTING BREAKER SETTINGS AND PROVIDE SETTINGS FOR NEW BREAKERS. SET ALL BREAKERS NEW AND EXISTING AS PER THE FINAL APPROVED STUDY. REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.
 - PROVIDE ADDRESSABLE FIRE ALARM MODULES TO ANNUNCIATE:
 - FIRE PUMP RUNNING
 - FIRE PUMP TROUBLE
 - PHASE REVERSA
 - POWER FAILURE



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 The contractor shall verify dimensions and data related herein with conditions on the site and is held responsible for reporting any discrepancy to the architect for adjustment.
 This drawing shall not be used for building purposes until countersigned by:

THE CITY OF WINNIPEG

PROJECT FILE

OFFICE ADDITION AND RENOVATION
 1155 PACIFIC AVENUE
 WINNIPEG, MANITOBA



SINGLE LINE DISTRIBUTION SCHEMATIC
E3.1

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