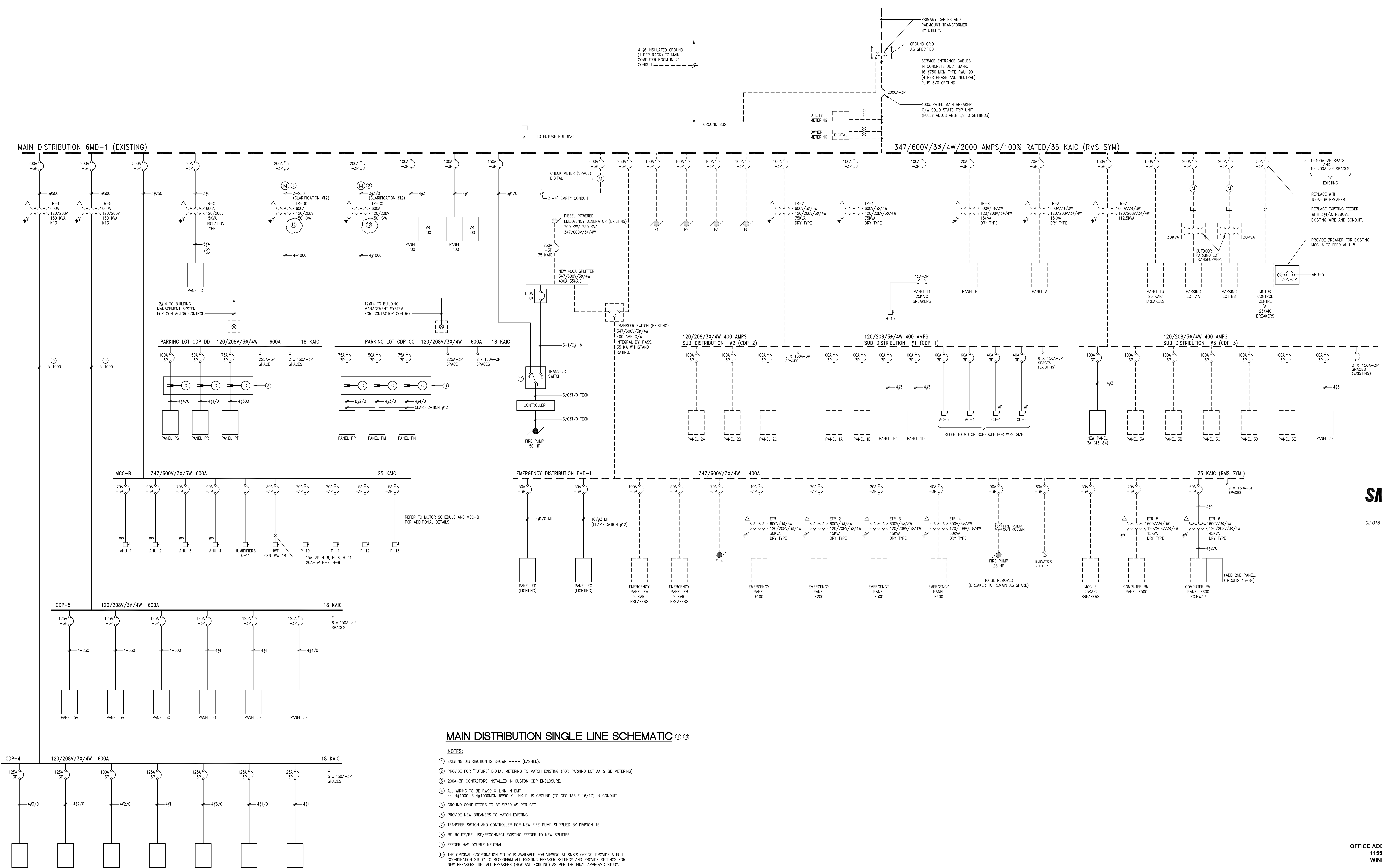


Friesen Tokar Architects
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Fax. 204.817.7235

DATE: APRIL 2004
PROJECT NO: 01.116

ISSUED FOR 50% REVIEW
FEBRUARY 6, 2004
ISSUED FOR 75% REVIEW
MARCH 5, 2004
ISSUED FOR PRETENDER REVIEW
APRIL 2004
ISSUED FOR TENDER
MAY 14, 2004
AS BUILT
JUNE 2007



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-3P CONTACTORS INSTALLED IN CUSTOM CDP ENCLOSURE.
 - ALL WIRING TO BE RW90 X-LINK IN LMT
eg. 4#1000 IS 4#1000MCM 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 RECONSTRUCT 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 REVERSAL
 - POWER FAILURE
 - BUILT INTO CDP, TO MATCH EXISTING. TRANSFORMERS ARE VPI EPOXY TYPE.

SMS ENGINEERING
SMS Engineering Ltd., Consulting Engineers
775 Bannockburn Street, Winnipeg, MB R2N 2Y9
Telephone 204.772.0200 Fax 204.772.2153
smseng.com

ORIGINAL CONTRACT DRAWING
BONED AND SEALED BY
A.M. LOISEL, P. ENG.
MAY 18, 2004

APECM
Certificate of Authorization
SMS Engineering Ltd.
No. 96 Expiry April 30, 2005

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The contractor shall verify dimensions and data noted herein with conditions on the site and be 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

OFFICE ADDITION AND RENOVATION
1155 PACIFIC AVENUE
WINNIPEG, MANITOBA

FRIESEN TOKAR ARCHITECTS

RECORD DRAWING

CONTRACTOR:
Also Electrical Limited
530 BRADFORD STREET
WINNIPEG, MANITOBA
(204) 697-1000

DATE COMPLETED: _____ SIGNED BY: _____

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SINGLE LINE DISTRIBUTION SCHEMATIC **E3.1**

2018/04/05 - JANUARY 20, 2008 - 3:50PM CST - RSMATTER