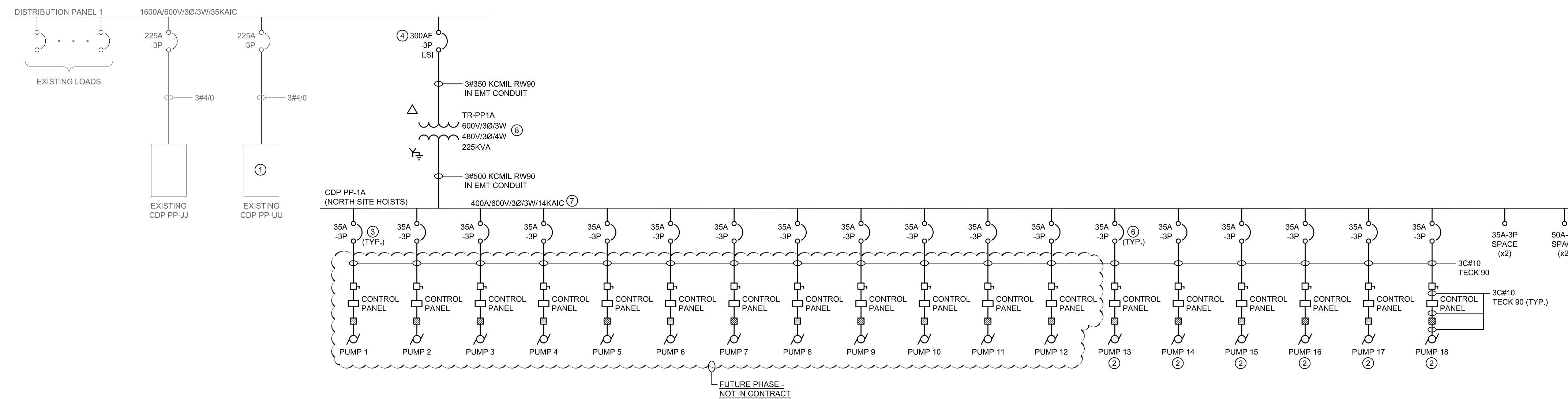


1 PARTIAL SINGLE LINE DIAGRAM - OPTION 1 - 600V
E2.0 SCALE: NTS



2 PARTIAL SINGLE LINE DIAGRAM - OPTION 2 - 480V
E2.0 SCALE: NTS

GENERAL NOTES

- A. PROVIDE BOND CONDUCTOR IN ALL CONDUIT RUNS, EXCEPT WHERE TECK CABLE USED (IN SLAB CONDUIT).
- B. THIS BUILDING MAY CONTAIN ASBESTOS. REFER TO FRONT END SPECIFICATIONS FOR FURTHER INFORMATION.
- C. ELECTRICAL SUB-CONTRACTOR TO BID ON ONE OF THE OPTIONS BELOW (600V OR 480V). REFER TO KEYNOTE 5.
- D. ALL CONDUCTORS TO BE COPPER.

KEY NOTES

- 1. DISCONNECT EXISTING HYDRAULIC PUMPS FROM CDP PP-UU AS NOTED ON DRAWING E1.0.
- 2. PROVIDE "HL" RATED TECK 90 FROM MOTOR STARTER TO PUMP IN PIT. PROVIDE EXPLOSION PROOF CONNECTOR AT PUMP, RATED FOR ZONE 2 HAZARDOUS LOCATION.
- 3. PROVIDE BREAKERS IN CDP FOR FUTURE PUMPS.
- 4. TRIP SETTINGS FOR ADJUSTABLE BREAKER TO BE PROVIDED BY CONTRACT ADMINISTRATOR. ELECTRICAL SUB-CONTRACTOR TO PROGRAM BREAKER AND PROVIDE TEST REPORT TO CONTRACT ADMINISTRATOR.
- 5. 600V OPTION IS PREFERRED. ELECTRICAL SUB-CONTRACTOR TO COORDINATE WITH HOIST SYSTEM MANUFACTURER AND PROVIDE EITHER 600V OR 480V DISTRIBUTION TO SUIT PUMP MOTOR SUPPLIED BY MANUFACTURER.
- 6. CONFIRM BREAKER SIZE WITH HOIST SYSTEM MANUFACTURER (MAY VARY SLIGHTLY ONCE CUSTOM CONTROL PANEL LOAD IS DETERMINED)
- 7. FOR OPTION 2 (480V DISTRIBUTION), ALL BREAKERS IN CDP-1A TO BE RATED FOR MINIMUM 14 KAIC AT 480V.
- 8. PROVIDE NEW TRANSFORMER ADJACENT TO CDP-1A.

The General Contractor shall check & verify all dimensions and report any errors or omissions to the designers.

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No.	Date	Issue/Revision	By

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Consultant
770 Bradford Street
Winnipeg, Canada
T 204 775 0291
SMSeng.com
18-435-01

300-275 Carlton Street
Winnipeg, Manitoba R3C 5R6
T 204-943-7501
F 204-943-7507

Crosier Kilgour & Partners Ltd.
CONSULTING STRUCTURAL ENGINEERS

Project
WINNIPEG TRANSIT GARAGE BUILDING
HOIST REPLACEMENT
421 OSBORNE STREET
WINNIPEG, MANITOBA

Sheet Title
PARTIAL SINGLE LINE DIAGRAM

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Design	VEK	Drawn	KAM

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