

PANEL ID: PNL-1P, DESCRIPTION: NON-ESSENTIAL, LOCATION: PRIMARY CLARIFIER ELECTRICAL ROOM, MFG / MODEL: WESTINGHOUSE NFD, MAIN BREAKER: 100A, INST. SETTINGS: N/A. Includes load schedule table with columns for C.C.T., DESCRIPTION, NOTE, WIRE (AWG), BRKR AMPS, LOAD (VA), and C.C.T.

PANEL ID: PNL-2P, DESCRIPTION: ESSENTIAL, LOCATION: PRIMARY CLARIFIER ELECTRICAL ROOM, MFG / MODEL: WESTINGHOUSE NFD, MAIN BREAKER: 100A, HFD SERIES, INST. SETTINGS: N/A. Includes load schedule table and total connected load: 21.1 kVA, 8.3 kVA, 23.9 A.

PANEL ID: PNL-3P, DESCRIPTION: ESSENTIAL, LOCATION: PRIMARY CLARIFIER ELECTRICAL ROOM, MFG / MODEL: WESTINGHOUSE NBA, MAIN BREAKER: 200A, INST. SETTINGS: N/A. Includes load schedule table and total connected load: 4.2 kVA, 11.7 A (AVG), 14.2 A (MAX).

PANEL ID: PNL-4P, DESCRIPTION: ESSENTIAL, LOCATION: PRIMARY CLARIFIER ELECTRICAL ROOM, MFG / MODEL: WESTINGHOUSE NBA, MAIN BREAKER: 200A, INST. SETTINGS: N/A. Includes load schedule table and total connected load: 4.2 kVA, 11.7 A (AVG), 14.2 A (MAX).

PANEL ID: PNL-5P, DESCRIPTION: NON-ESSENTIAL, LOCATION: PRIMARY CLARIFIER ELECTRICAL ROOM, MFG / MODEL: WESTINGHOUSE PRL1, MAIN BREAKER: N/A, INST. SETTINGS: N/A. Includes load schedule table and total connected load: 4.2 kVA, 11.7 A (AVG), 14.2 A (MAX).

PANEL ID: PNL-6P, DESCRIPTION: UNINTERRUPTIBLE (FED FROM UPS-G715 (WAS UPS-G11)), LOCATION: PRIMARY CLARIFIER ELECTRICAL ROOM, MFG / MODEL: WESTINGHOUSE PRL1, MAIN BREAKER: N/A, INST. SETTINGS: N/A. Includes load schedule table and total connected load: 4.2 kVA, 11.7 A (AVG), 14.2 A (MAX).

GENERAL NOTES:

- 1. THIS DRAWING SUPERCEDES DRAWING 1-0102P-E0010.
2. PROVIDE NEW TYPE WRITTEN PANEL DIRECTORY FOR ALL MODIFIED PANELBOARDS.
3. THIS DRAWING IS BASED UPON EXISTING DOCUMENTATION, OF THE EXISTING FACILITY.
4. CLOUDED PORTION INDICATES NEW WORK / MODIFICATIONS TO EXISTING EQUIPMENT.
5. ALL NEW BREAKERS TO MATCH EXISTING TYPE, KAIC RATING.

SPECIFIC NOTES:

- 1. DISCONNECT MCC-P32 IN PNL-2P AND REFEED TO CDP-E1. BREAKER WILL BE RETAINED IN PNL-2P AND MARK CIRCUITS 13, 15, 17 AS 'SPARE'.
2. PROVIDE NEW BREAKER IN EXISTING PANELBOARD. WIRE AND CONNECT RECEPTACLE ON GRIT PUMP ROOM ROOFTOP FROM PNL-3P.
3. PROVIDE 15A CIRCUIT BREAKER IN EXISTING PANELBOARD.
4. REMOVE EXHAUST FAN. MARK BREAKER AS 'SPARE'. REFER TO DRAWING EGAD-PD05 FOR DEMOLITION INFORMATION.

REVISION 01 CHANGES THE ENGINEER'S DESIGN RESPONSIBILITIES ARE LIMITED TO THE CHANGES INDICATED IN THE CLOUDED WORK. DESIGNED BY: D. WILSON, CHECKED BY: J. BOUCHARD, DRAWN BY: D. SHABATAEV, APPROVED BY: D. WILSON, DATE: 2018/08/27, RELEASED FOR CONSTR. DATE: 2018/08/27.



KGS GROUP CONSULTING ENGINEERS. DESIGNED BY: D. WILSON, CHECKED BY: J. BOUCHARD, DRAWN BY: D. SHABATAEV, APPROVED BY: D. WILSON, SCALE: NTS, ISSUED FOR CONSTRUCTION BY: B. STATION, DATE: 2018/07/20, DATE: 2018/08/27, CONSULTANT NO.: 1-0102-ESCH-P001-001.

ENGINEER'S SEAL. THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT. SOUTH END WATER POLLUTION CONTROL CENTRE SEWPPC UPGRADING/EXPANSION PROJECT ELECTRICAL PRIMARY CLARIFIERS PANEL SCHEDULES.

CITY DRAWING NUMBER SHEET REV. SIZE 1-0102-ESCH-P001 001 01 A1. PLOT DATE: Aug 27, 2018 - 10:03am. FILE NAME: 1-0102-ESCH-P001-001.dwg.

REFERENCE DRAWINGS: 1-0102-ESCH-B001 PANEL SCHEDULES, SERVICE BUILDING ELECTRICAL ROOM; 1-0102-ESLD-P001 SIGLE LINE DIAGRAM, PRIMARY CLARIFIERS.