



- NOTES:**
1. ALL TANK FARM AND PUMP HOUSE WIRE METHODS TO BE CLASS 1 ZONE 1 RATED PER SECTION 18 OF LATEST VERSION OF CEC PART 1.
 2. REPLACE VEEDER ROOT TLS-300 TANK MONITOR WITH TLS-350 UNIT. RETRAIN EXISTING TANK PROBES ON TANKS 1A-2A-3A AND SUPPLY, INSTALL AND CONNECT NEW PROBES ON TANKS 1B-2B-3B AND TERMINATE IN NEW TLS-350 CONSOLE.
 3. JB PLACEMENT AND CONDUIT ROUTING IN BUS SERVICE BUILDING TO BE CONFIRMED BY CONTRACTOR. USE BLOCK DIAGRAM AS GUIDE ONLY. SUPPLY, INSTALL AND COMPLETE RACEWAYS, WIRE, CABLES CONNECTIONS AND TERMINATIONS FOR AN OPERABLE SYSTEMS AS INTENDED.
 4. CONTRACTOR TO REDLINE THIS BLOCK DIAGRAM TO INDICATE CONTROL AND POWER CONDUIT NETWORK.
 5. SUPPLY, INSTALL AND CONNECT TANK MONITORING DEVICES ON TANKS. USE SIMILAR.
 6. SUPPLY, INSTALL AND TERMINATE NEW BREAKER IN PANEL DP, 1 POLE 15 AMP.
 7. CONTRACTOR TO PROVIDE NEW CONDUIT AS SHOWN AND SIZED FOR MAXIMUM 40% CONDUIT FILL PER SECTION 12 AND RELATED TABLES OF LATEST EDITION OF CEC PART 1. MINIMUM TRADE SIZE 21mmØ.

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BLOCK DIAGRAM
 N.T.S.

1429720100-DWG-E0001 ELECTRICAL LAYOUT AND DETAILS 1429720100-DWG-E0002 ELECTRICAL FUEL PUMP CONTROL SCHEMATIC 1429720100-DWG-E0004 ELECTRICAL DIAGRAMS & PANEL SCHEDULE		SUB CONSULTANT(S) PERMIT STAMP APEGM Certificate of Authorization TETRA TECH WEI Inc. No. 5313 Date: April 30, 2015		ORIGINAL DRAWING REVISION "00" SEALED BY N.E. CRAWFORD 14.09.05		DESIGNED BY: N.C. AUTHORIZED BY: A.R. PREPARED BY: H.A. DATE: 14.07.31 REVIEWED BY: N.C. SCALE: AS NOTED		CLIENT: Winnipeg CITY OF WINNIPEG TRANSIT DEPARTMENT		PROJECT NAME: CITY OF WINNIPEG - FORT ROUGE GARAGE DIESEL FUEL STORAGE CAPACITY INCREASE	
DRAWING DESCRIPTION: ELECTRICAL BLOCK DIAGRAM		DRAWING NO: 1429720100-DWG-E0003		REV: 01		3D MODEL REF NO: 8		3D MODEL REF NO: 8		3D MODEL REF NO: 8	