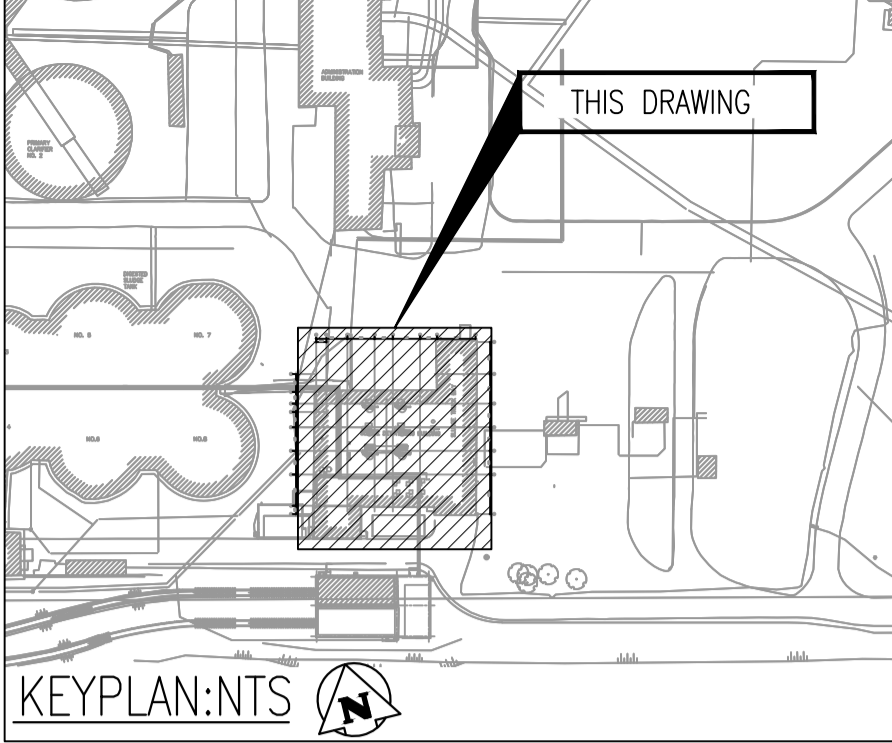


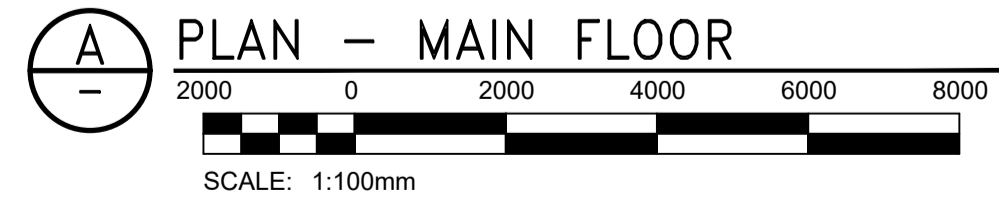
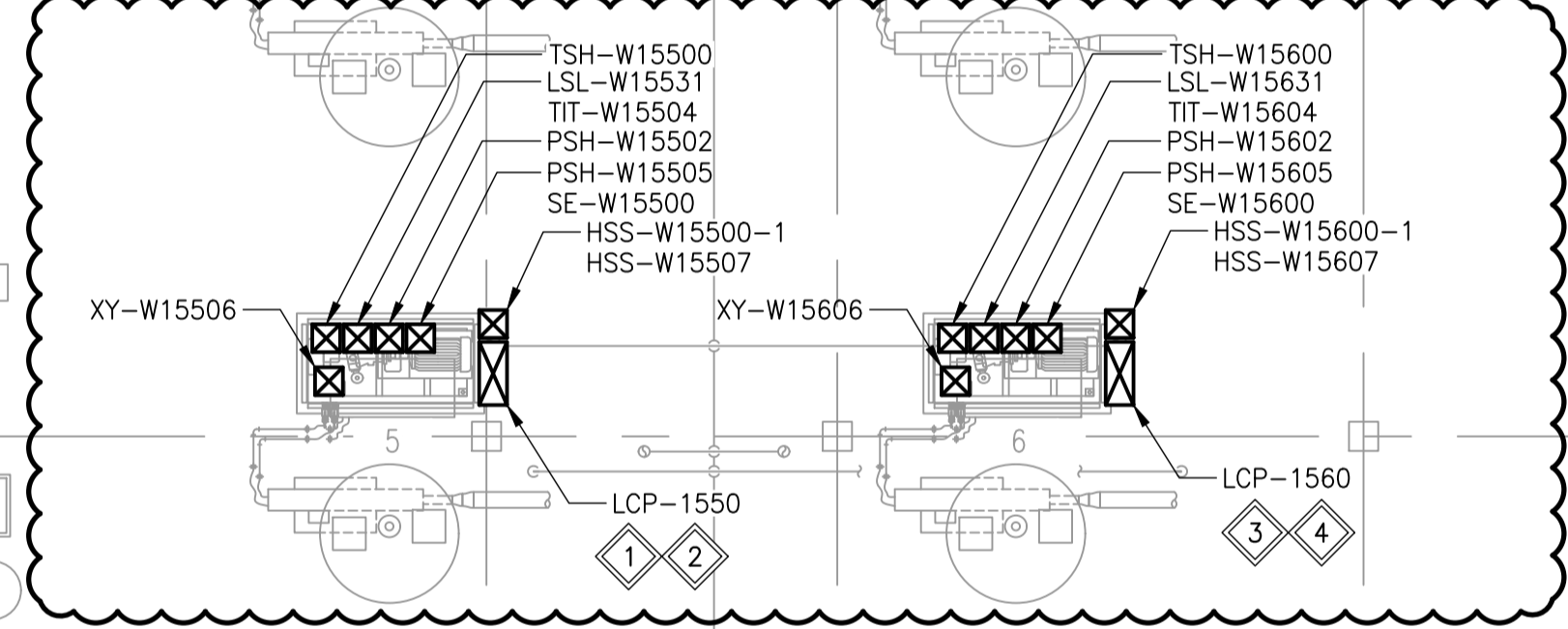
**GENERAL NOTES:**

1. ELECTRICAL SUB CONTRACTOR TO VISIT SITE PRIOR TO SUBMITTING BID, REVIEW EXISTING SITE THOROUGHLY AND CONFIRM EXISTING DEVICES LOCATIONS, EXISTING WIRING ROUTING AND FAMILIARIZE WITH SCOPE OF DEMOLITION AND RENOVATION WORK. NO ADDITIONAL COST WILL BE CONSIDERED FOR ITEMS THAT WOULD HAVE BEEN OBSERVABLE ON SITE.
2. EXISTING WIRING INSTALLED IN WORKING AREA TO REMAIN OPERATIONAL DURING UPGRADE. IN EVENT OF ANY NEW WIRING, THE MODIFICATION SHALL COMPLY WITH LATEST EDITION OF CEC AND LOCAL REGULATIONS.
3. DISRUPT THE FUNCTIONALITY OF SYSTEMS ONLY AS ACCEPTABLE BY THE CONTRACT ADMINISTRATOR. PROVIDE NOTICE AND COORDINATE WORK WITH ALL PARTIES TO MINIMIZE DISRUPTION.
4. POWER INTERRUPTION SHALL BE KEPT TO A MINIMUM. ELECTRICAL SUB CONTRACTOR SHALL ADVISE CONTRACT ADMINISTRATOR PRIOR TO ANY SHUTDOWN NECESSARY FOR WORK AND COORDINATE SUITABLE TIME FOR WORK.
5. ANY MATERIALS BEING REMOVED SHALL BE OFFERED TO THE CONTRACT ADMINISTRATOR. ACCEPTED MATERIALS SHALL BE PLACED ON SITE AT CONTRACT ADMINISTRATORS DIRECTION. DECLINED MATERIALS SHALL BE REMOVED FROM SITE TO APPROPRIATE RECYCLING FACILITY BY ELECTRICAL SUB CONTRACTOR. NO ADDITIONAL COST WILL BE CONSIDERED FOR ITEM THAT IS REQUIRED TO BE DISPOSED.
6. WHERE 'TYPICAL' IS USED, IT APPLIES TO ALL SIMILAR DEVICES ALSO INDICATED ON PLANS.
7. THE ENGINEER'S DESIGN RESPONSIBILITY IS LIMITED TO THE NEW WORK INDICATED BY THE CLOUDED PORTION OF THE DRAWING.
8. INSTRUMENTATION LOCATIONS ON SKID ARE APPROXIMATE. REFER TO VENDOR SKID DRAWINGS FOR EXACT LOCATION.
9. THE ENTIRE MAIN FLOOR AREA (ROOM 104) IS AN EXISTING CLASS 1 ZONE 2 HAZARDOUS AREA AS WELL AS A CEC CATEGORY 2 CORROSIVE LOCATION.
10. REFER TO REFERENCE DRAWING 5 FOR HAZARDOUS AREA INSTALLATION REQUIREMENTS.



**KEYNOTES:**

- 1 LOCAL CONTROL PANEL TO INCLUDE START AND STOP PUSHBUTTONS (HS-W15520), LOAD/BYPASS SELECTOR SWITCH (HS-W15501-2), SPEED SETPOINT POTENTIOMETER (HC-W15510) AND EMERGENCY STOP (HSS-W15510-1).
- 2 EXISTING SKID 5 TO BE DEMOLISHED. CONNECT NEW INSTRUMENTATION TO EXISTING WIRING. INSTALL NEW ACIC CABLE FOR SPEED DRIVER CARD. REFER TO REFERENCE DRAWINGS 1 AND 2 FOR MORE DETAILS.
- 3 LOCAL CONTROL PANEL TO INCLUDE START AND STOP PUSHBUTTONS (HS-W15620), LOAD/BYPASS SELECTOR (HS-W15601-2), SPEED SETPOINT POTENTIOMETER (HC-W15610) AND EMERGENCY STOP (HSS-W15610-1).
- 4 EXISTING SKID 6 TO BE DEMOLISHED. CONNECT NEW SKID INSTRUMENTATION TO EXISTING WIRING. INSTALL NEW ACIC CABLE FOR SPEED DRIVER CARD. REFER TO REFERENCE DRAWINGS 3 AND 4 FOR MORE DETAILS.



**PLAN - MAIN FLOOR**

METRIC  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES



10	-	-
9	-	-
8	-	-
7	-	-
6	-	-
5	1-0101-EGAD-W001	EQUIPMENT LAYOUT
4	1-0101-AILD-W160-002	SLUDGE CAKE PUMP 6 CONTROL PANEL
3	1-0101-AILD-W160-001	SLUDGE CAKE PUMP 6 CONTROL PANEL
2	1-0101-AILD-W150-002	SLUDGE CAKE PUMP 5 CONTROL PANEL
1	1-0101-AILD-W150-001	SLUDGE CAKE PUMP 5 CONTROL PANEL
NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
REFERENCE DRAWINGS		

00	ISSUED FOR CONSTRUCTION	2026-04-02	
NO.	REVISIONS	DATE	DESIGN CHECK

<b>KGS GROUP</b>	
DESIGNED BY: M. BERGEN	CHECKED BY: C. ROBINSON
DRAWN BY: F. AHMED	APPROVED BY: C. ROBINSON
SCALE: AS NOTED	ISSUED FOR CONSTRUCTION BY: DATE: 2026-04-02
CONSULTANT NO.: 25-0107-017_A1	

ENGINEER'S SEAL

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

NORTH END SEWAGE TREATMENT PLANT (NEWPCC)  
**SLUDGE CAKE PUMP UPGRADE**  
AUTOMATION  
**INSTRUMENT LOCATION PLAN**

CITY DRAWING NUMBER 1-0101-AGAD-W001	SHEET 00	REV. A1	SIZE A1
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