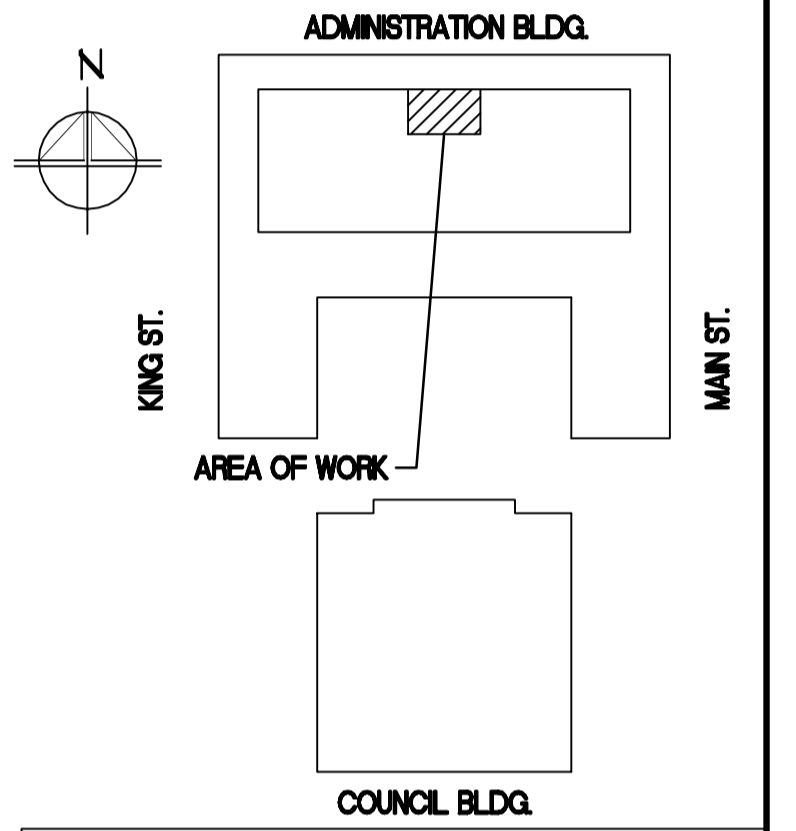


- NOTES:
- MAKE PIPING CONNECTIONS TO EXISTING Ø250 mm CR. NEW CONDENSER PIPING FROM THIS POINT AND BETWEEN CH-3 AND INDIRECT HOT WATER TANKS TO BE INSULATED.
  - MAKE PIPING CONNECTIONS TO EXISTING Ø250 mm CHWR.
  - CH-1 & CH-2 TRANSFORMERS. SUPPLIED WITH CHILLERS (DIV 23) AND ELECTRICAL WIRING BY DIVISION 26.
  - Ø 40 CR PIPES TO HP-1. SEE DETAIL FOR REMAINING PIPE CONNECTIONS.
  - NEW PIPE TO TIE INTO EXISTING Ø250 mm CS PIPE FROM BELOW.
  - EXISTING CHEMICAL TREATMENT SYSTEM TO BE REPLACED WITH A NEW SYSTEM BY STS. NEW Ø 20 PIPE FROM CHEMICAL TREATMENT SYSTEM PANEL TO EXISTING INJECTION POINT ABOVE ON Ø 250 CR PIPE.
  - REPLACE EXISTING POT FEEDER, MICRON FILTER AND REPLACE EXISTING Ø 20 PIPE WITH NEW Ø 25 PIPE WITH TWO TIE-IN POINTS IN CHWR. REFER TO PHOTO ON DWG. M-002 FOR NEW WORK.
  - CHECK ALL TRIPLE DUTY VALVES (TYP. OF 4) TO ENSURE CHECK VALVES HOLD.
  - FIRE STOPPING REQUIRED AT ALL WALL PENETRATIONS INTO FUEL STORAGE ROOM.
  - NEW Ø 20 INJECTION PIPE FROM CHEMICAL TREATMENT SYSTEM PANEL TO TIE INTO EXISTING Ø 250 CR PIPE.



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No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR TENDER	GT	2011.11.03



- REMOVE EXISTING PUMP AND UNISTRUT
- REMOVE EXISTING CONTROL PANEL. (REUSE EXISTING MAKE-UP METER WIRING)
- LOCATE NEW PACKAGED CHEMICAL TREATMENT SYSTEM PANEL ON COLUMN.
- LOCATE NEW BATCH TANKS UNDER NEW PANEL
- TURN OVER EXISTING BATCH TANK TO CITY

**PHOTO**  
 SCALE: NTS  
 CHEMICAL TREATMENT SYSTEM

**APEGM**  
 Certificate of Authorization  
 AECOM Canada Ltd.  
 No. 4671 Date: \_\_\_\_\_

DRN	CHK	DES	ENG	IDR

AECOM REVIEW

**PLAN**  
 SCALE 1:50  
 SUB-BASEMENT HYDRONIC PLAN

DRAWN	GT	CHECKED	DC	DESIGNED	DC	APPROVED	PVL
DATE	2011.09.02	USER					

Winnipeg  
 THE CITY OF WINNIPEG  
 PLANNING, PROPERTY AND  
 DEVELOPMENT DEPARTMENT  
 MUNICIPAL ACCOMMODATIONS DIVISION  
 3-65 GARRY STREET, R3C 4K4

PROJECT  
 ADMINISTRATION & COUNCIL BUILDING  
 REPLACEMENT OF COOLING PLANT - 510 MAIN STREET  
 BID OPPORTUNITY NO. 673-2011  
 510 MAIN STREET, WINNIPEG, MANITOBA

SHEET TITLE  
 MECHANICAL  
 SUB-BASEMENT MECHANICAL ROOM  
 HYDRONIC PLAN

SCALE	PROJECT No:	SHEET No:
NTS	60220937	M-003

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1