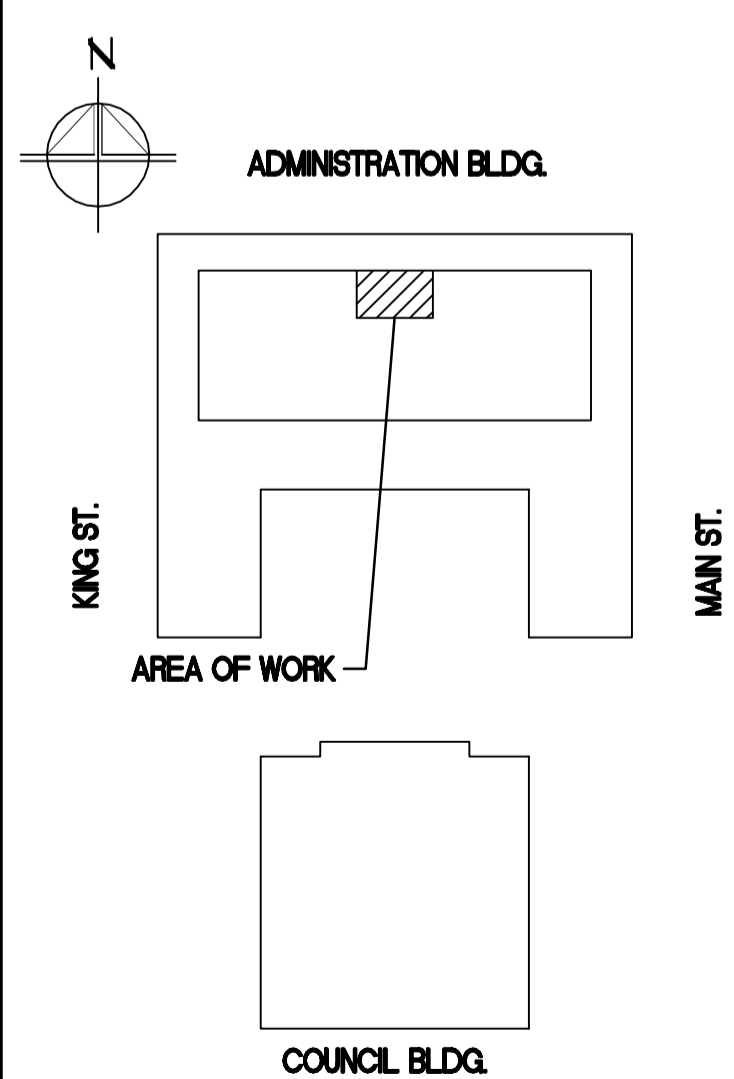


- NOTES:
- 1 NEW Ø 75 COPPER CHILLER REFRIGERANT RELIEF PIPE. VENT TO OUTDOORS.
  - 2 NEW Ø 75 RELIEF PIPE TO FOLLOW SAME ROUTE AS OLD Ø 50 PIPE.
  - 3 PROVIDE PIPE INSULATION ON FIRST 1500 mm OF PIPE ROOF/WALL PENETRATION IN SUB-BASEMENT.
  - 4 EXISTING Ø 50 DCW PIPE.
  - 5 Ø 50 DCW TAKE-OFF FROM EXISTING Ø 50 DCW PIPE. TIE EXISTING DCW PIPING INTO DWH HEAT EXCHANGER AND REROUTE TO HX-1, HX-2, HX-3 AND HX-4.
  - 6 PRE-HEATED DCW TO TIE IN UPSTREAM OF DHWR PIPE.
  - 7 ROUTE Ø 20 mm DRAIN FROM HP-1 TO EXISTING DRAIN PIPE NEAR WALL.
  - 8 COMPRESSED AIR PIPING TO BE RUN AT HIGH LEVEL ABOVE ALL EXISTING PIPING.
  - 9 ROUTE Ø 65mm DRAIN PIPE FROM F-1 TO ADJACENT FLOOR DRAIN.
  - 10 EXISTING HOT WATER STORAGE TANK TO BE REMOVED BY CITY IN 2012.
  - 11 TIE IN COMPRESSED AIR PIPING FOR NEW PNEUMATIC CONTROL VALVES INTO EXISTING COMPRESSED AIR PIPING NEAR AIR COMPRESSORS.
  - 12 NEW PNEUMATIC CONTROL VALVES BY CONTROLS CONTRACTOR.
  - 13 FUTURE HX-5.
  - 14 SERVICE CLEARANCES
  - 15 EXISTING Ø 50 SAN DRAIN PIPE ALONG WALL TO FLOOR DRAIN AT P-20.
  - 16 NEW EYEWASH STATION
  - 17 NEW FIRE EXTINGUISHER
  - 18 SEE CHEMICAL TREATMENT DETAIL FOR DRAINS
  - 19 PIPED TO T&P RELIEF VALVES ON INDIRECT WATER HEATERS.
  - 20 PROVIDE FUNNEL FLOOR DRAIN COVER MISSING FROM P-21. FLOOR DRAIN COVER TO MATCH ADJACENT PUMP FLOOR DRAINS.
  - 21 EXISTING STEAM HEAT EXCHANGER
  - 22 ET-1 EXPANSION TANK (NEW)

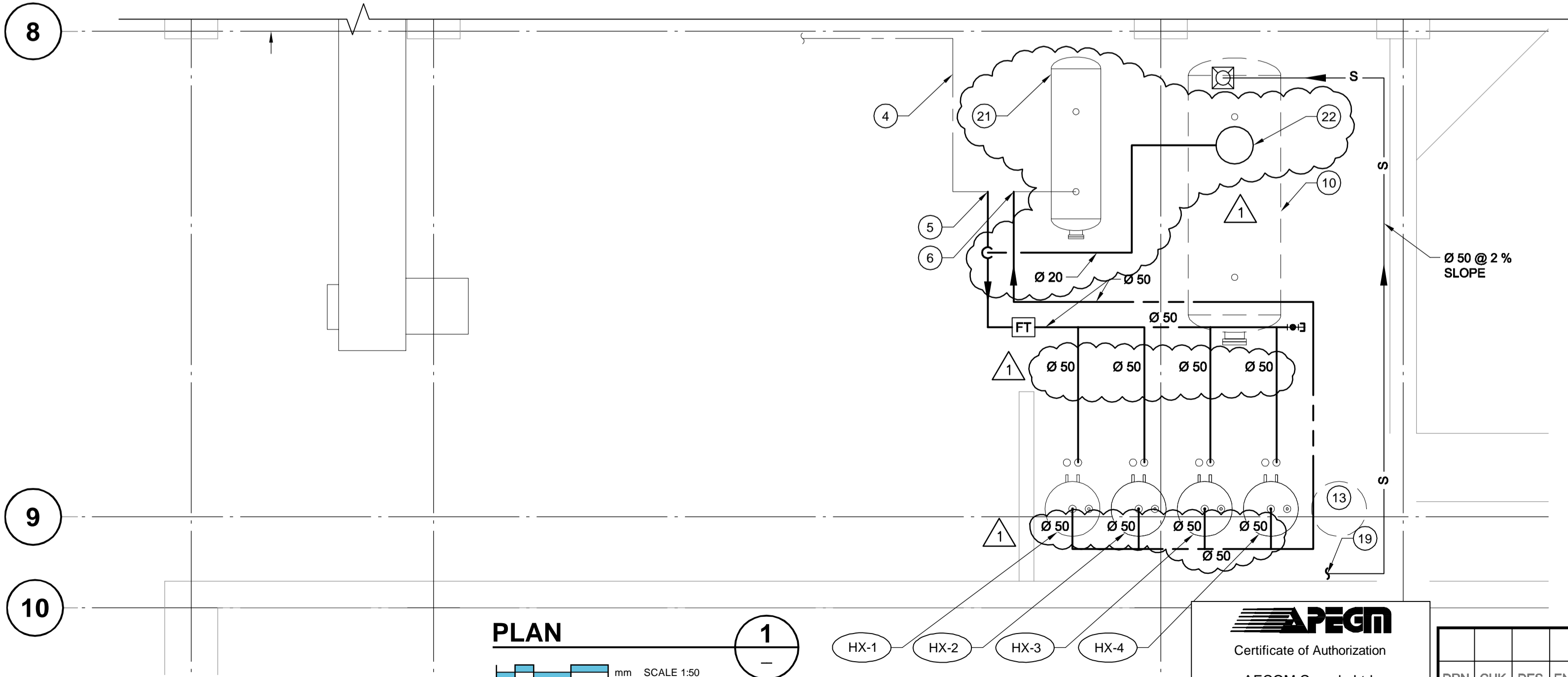
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No.	REVISION/DESCRIPTION	BY	DATE
1	ISSUED FOR ADDENDUM 1	DL	2011.11.16
0	ISSUED FOR TENDER	GT	2011.11.03



**PHOTO**  
SCALE: NTS  
A  
M-005



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

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

DRN	CHK	DES	ENG	IDR

AECOM REVIEW

DRAWN	GT	CHECKED	DC	DESIGNED	DC	APPROVED	PVL
DATE	2011.09.02	USER					

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  
PLUMBING PLAN**

SCALE	PROJECT No:	SHEET No:
NTS	60220937	M-005