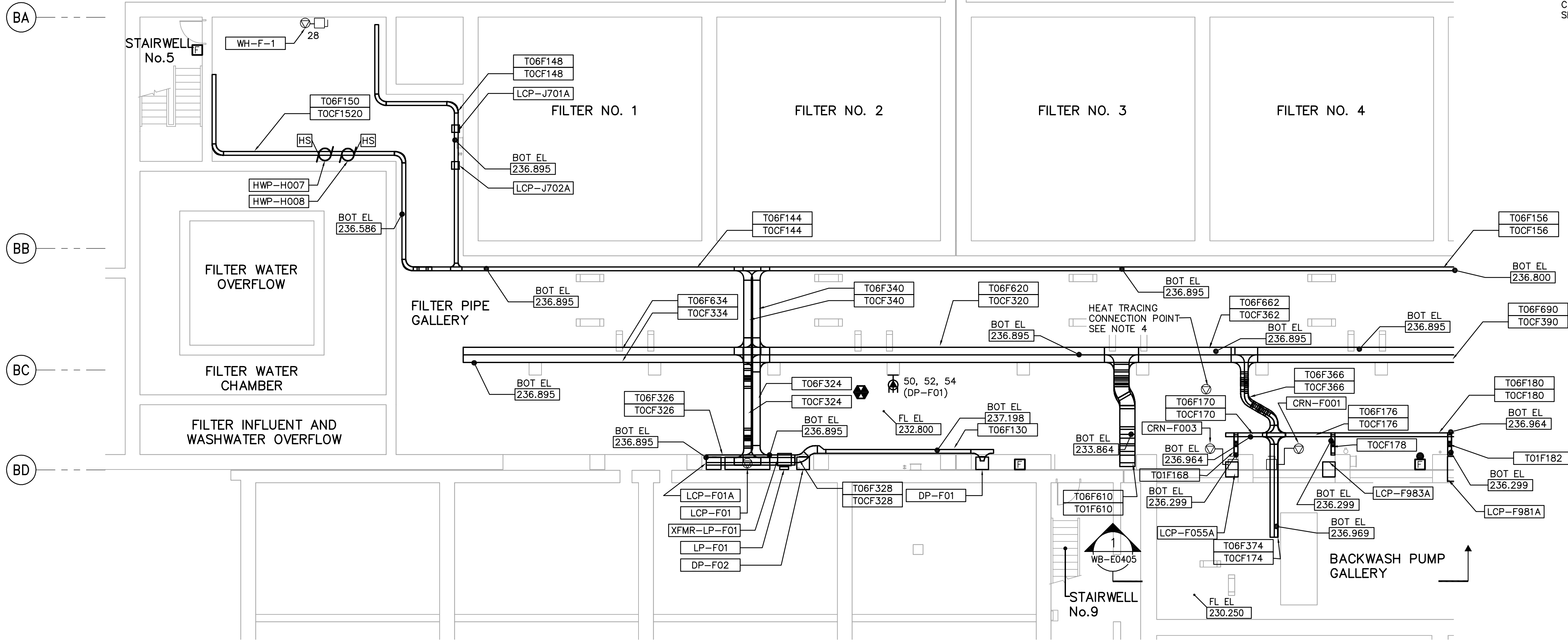


B2 B3 B4 B5 B7 B8 B9 B10 B12

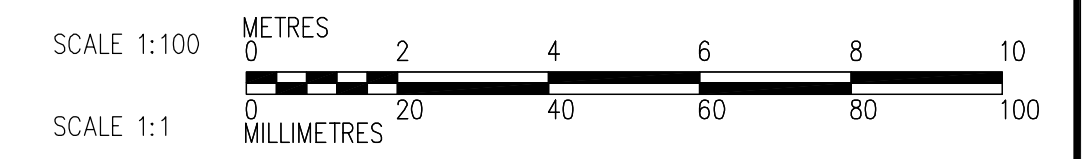
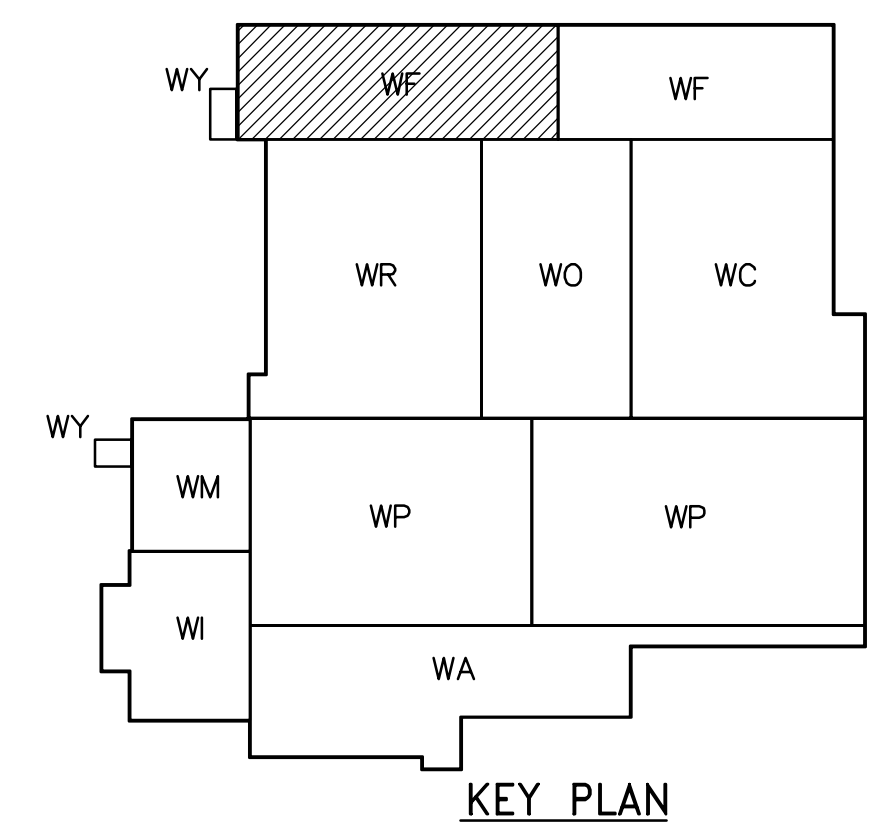


- NOTES:**
- SEE MCC #1A & #1B SINGLE LINE DIAGRAM AND DP-F01, AND DP-F02 POWER DISTRIBUTION FOR 600V POWER REQUIREMENT.
 - ALL 120 AND 208 V LOADS ARE FED FROM LP-F01.
 - PROVIDE STAIRWELL SMOKE DETECTORS AT EVERY THIRD FLOOR AND AT TOP.
 - HEAT TRACING FOR CAUSTIC SODA FEED LINE:
 PROVIDE HEAT TRACING FOR THE CAUSTIC SODA PIPE FOR THE FOLLOWING REQUIREMENT.
 CAUSTIC SODA PIPE IS IDENTIFIED ON DRAWING WF-M0111 WITH TAG CS-050 AT GRID LINE B3, B4xBA.
 PIPE MATERIAL - 50 mm CARBON STEEL.
 APPROXIMATE LENGTH - 125 METERS.
 INSULATION - 40 mm FIBREGLASS
 AMBIENT TEMPERATURE - 10 DEGREE CENTIGRADE
 MAINTAINED TEMPERATURE 25 DEGREE CENTIGRADE
 FLOW THROUGH MEDIA TEMPERATURE 25 DEGREE CENTIGRADE.
 30 A, 2 POLE BREAKERS ARE ALLOCATED ON LP-F01 FOR POWER FEED TO HEAT TRACING.
 PROVIDE NECESSARY CONTROLS TO MAINTAIN TEMPERATURE OF CAUSTIC SODA AT 25 DEGREE CENTIGRADE.
 SEND ALARM TO LCP-F01 AND LCP-F02 WHEN HEAT TRACING FAIL.

FOR CABLE TRAY TAGGING SEE DETAIL 3
WB-E0455

BA
BB
BC
BD

LOWER LEVEL FACILITY PLAN (AREA 1)
1:100



 APEGN Certificate of Authorization CH2M HILL Canada Ltd. No. 1441 Expiry: April 30, 2006	 Frederickson Cooper ARCHITECTS	 A Terra International Ltd. Company	ENGINEER'S SEAL ORIGINAL SIGNED BY L.D. LLEWELLYN 2006/03/29	 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION	
	DESIGNED BY: JT CHECKED BY: ND DRAWN BY: KJ APPROVED BY: AHL	SCALE: 1:100 RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI	CONSULTANT DRAWING NO. WF-E0101	WATER TREATMENT PLANT FILTRATION MECHANICAL AND ELECTRICAL	CITY FILE NUMBER SHEET OF
	00 ISSUED FOR TENDER 06/03/29 LL NO. REVISIONS DATE BY DATE 2005/07/13 DATE 2006/03/29	ELECTRICAL FILTRATION AREA 1 LOWER LEVEL FACILITY PLAN	CITY DRAWING NUMBER 1-0601F-A-E0101-001-000		