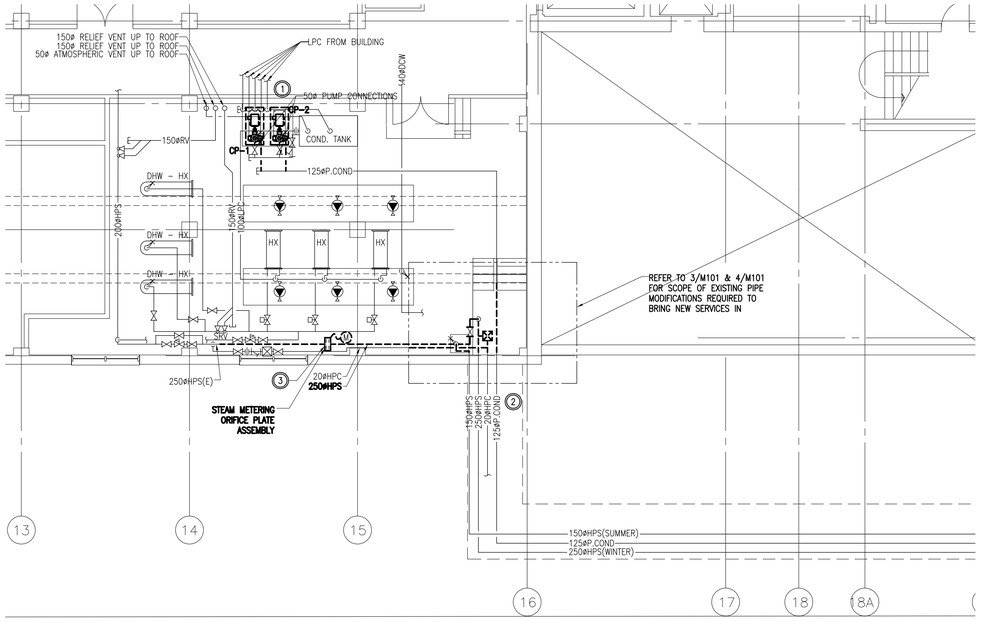
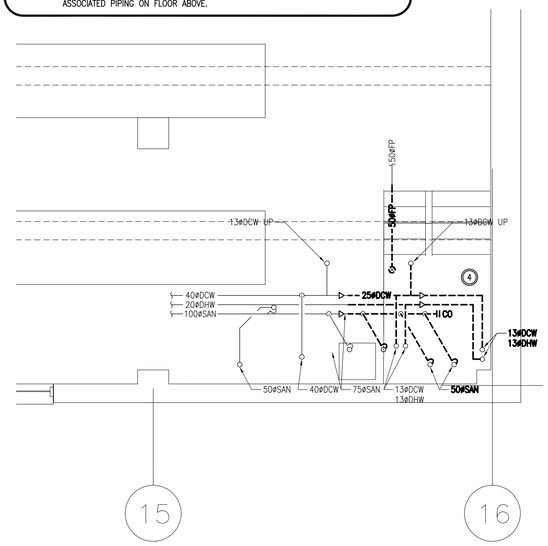


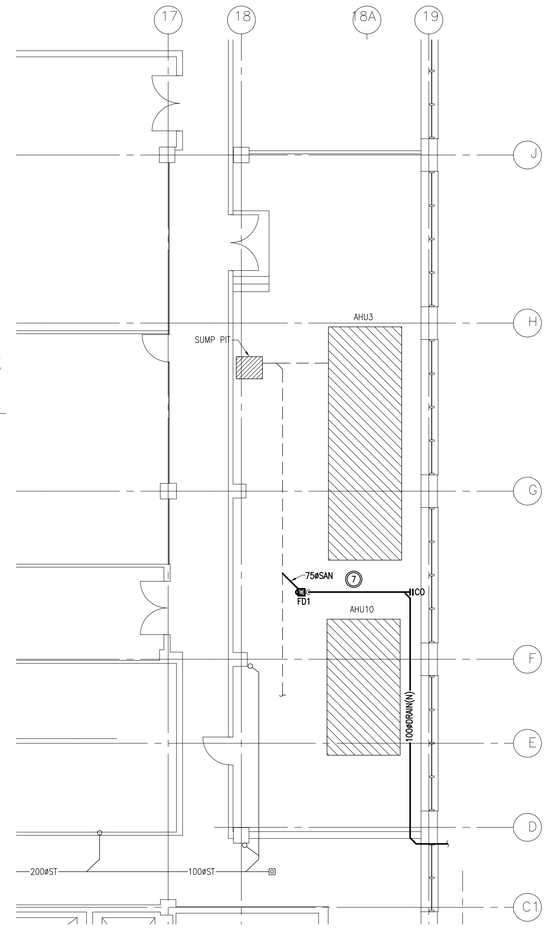
1 M101 BASEMENT PART PLAN UTILTIIES - DEMOLITION 1:100

DRAWING NOTES: DEMOLITION

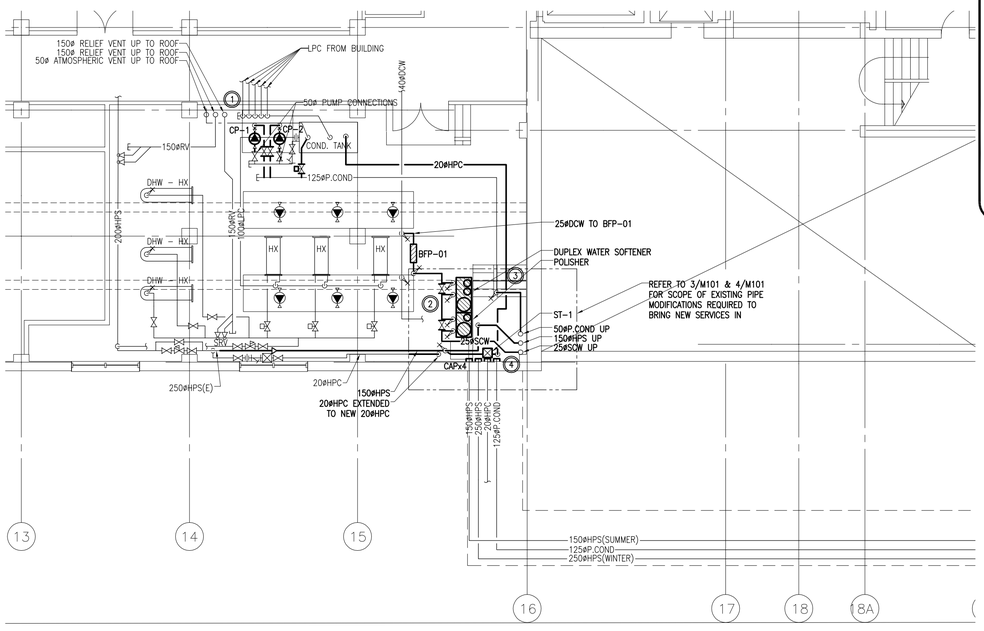
1. REMOVE EXISTING CONDENSATE PUMP (CP-1 & CP-2) AS INDICATED.
2. REMOVE EXISTING STEAM AND CONDENSATE SERVICES COMING FROM TUNNEL AS INDICATED. CAP SERVICES.
3. REMOVE EXISTING STEAM METER ASSEMBLY AND ASSOCIATED CONTROLS AS INDICATED.
4. REMOVE PLUMBING AND SPRINKLER PIPING AS INDICATED TO ACCOMMODATE NEW WORK. REMOVE TWO (2) SHOWER DRAINS AND SHOWER HEADS C/W CONTROLS AND ALL ASSOCIATED PIPING ON FLOOR ABOVE.



3 M101 BASEMENT PART PLAN UTILTIIES - DEMOLITION 1:50



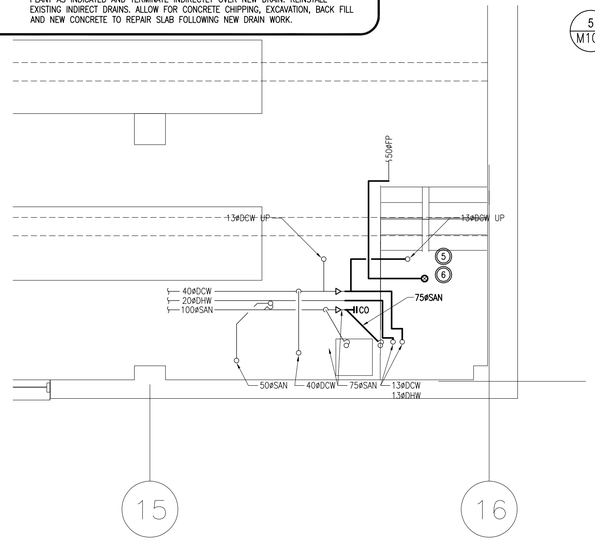
5 M101 BASEMENT PART PLAN PLUMBING - NEW WORK 1:50



2 M101 BASEMENT PART PLAN UTILTIIES - NEW WORK 1:100

DRAWING NOTES: NEW WORK

1. PROVIDE NEW CONDENSATE PUMPS (CP-1 & CP-2) AS INDICATED. MOUNT NEW BASES TO EXISTING HOUSEKEEPING PAD.
2. PROVIDE NEW POLISHER, DUPLEX WATER SOFTENER & BACKFLOW PREVENTER C/W 25ø SCW PIPE TO NEW BOILER PLANT. PROVIDE SUPPORT STAND FOR BFP-01 TO BE MOUNTED AT 1200AFF.
3. PROVIDE NEW 150ø HPS AND 100ø P.COND PIPING FROM BOILER PLANT TO TIE-INS TO EXISTING SYSTEM AS INDICATED.
4. PROVIDE NEW STEAM TRAP C/W ASSOCIATED ACCESSORIES AND PIPING BACK TO EXISTING CONDENSATE TANK. CONNECT EXISTING HPC PIPE INTO NEW HPC MAIN BACK TO CONDENSATE TANK.
5. PROVIDE NEW SPRINKLER HEAD FOLLOWING COMPLETION OF NEW PIPE WORK TO MEET NFPA13 REQUIREMENTS.
6. PROVIDE NEW DCW, DHW AND SAN SERVICES AS INDICATED TO RE-FEED EXISTING FIXTURES ABOVE TO REMAIN.
7. REMOVE EXISTING FLOOR DRAIN AND PROVIDE NEW LARGE CAPACITY FLOOR SINK, FD1 IN ITS PLACE. ALLOW FOR TEMPORARILY REMOVAL OF 40ø COPPER DRAIN, 50ø STEEL DRAIN AND THREE (3) 20ø PLASTIC DRAIN PIPES INDIRECTLY TERMINATED AT EXISTING FLOOR DRAIN. ROUTE NEW 100ø DRAIN PIPE FROM CONTAINERIZED BOILER PLANT AS INDICATED AND TERMINATE INDIRECTLY OVER NEW DRAIN. REINSTALL EXISTING INDIRECT DRAINS. ALLOW FOR CONCRETE CHIPPING, EXCAVATION, BACK FILL AND NEW CONCRETE TO REPAIR SLAB FOLLOWING NEW DRAIN WORK.



4 M101 BASEMENT PART PLAN UTILTIIES - NEW WORK 1:50

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

National Centre of Expertise
Architectural and Engineering Services
Real Property Services Branch

Centre d'expertise national
Services d'architecture et génie
Direction générale des services immobiliers

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LICENSED PROFESSIONAL ENGINEER — R. T. LEONARD 100155202 — Dec 10/14 — PROVINCE OF ONTARIO

KEY PLAN
PLAN-REPÈRE

revision		date
05	ISSUED FOR TENDER	2014/12/10
04	ISSUED FOR REVIEW	2014/10/09
03	ISSUED FOR 99% REVIEW	2014/07/14
02	ISSUED FOR 66% REVIEW	2014/05/30
01	ISSUED FOR 33% REVIEW	2014/02/28

A C — A detail no. / no. du détail; B location drawing no. / no. de localisation; C drawing no. / no. du dessin — A B C

project / projet
555/601/615 BOOTH STAND ALONE HEATING PLANT

drawing / dessin
555 BOOTH BASEMENT FLOOR MECHANICAL WORK

designed / conçu	R.LEONARD	2014/01/22
drawn / dessiné	S.VALLIER	2014/01/22
revised / revisé	R.LEONARD	2014/01/22
approved / approuvé	R.LEONARD	2014/01/22
tender / soumission	C.CAMPBELL	PWC Project Manager / Administrateur de projets TPC
project no. / no. du projet	R.060128.002	
drawing no. / no. du dessin	M101	

PWGSC / TPSGC A1

0mm 10 20 40 60 80 100 120 140 160 180 200 mm