

**BASEMENT
EXISTING + NEW CONSTRUCTION**
1
M200 SCALE: 1:50

DRAWING NOTES

- NEW NPS 1 BOILER FEEDWATER BYPASS THROUGH CEILING FROM FEEDWATER SUPPLY TO NEW BOILER. PIPING CONTINUES ON DRAWING M202.
- NEW PUMP P-8. PHASING OF PUMP DEMOLITION AND INSTALLATION IS SHOWN ON DRAWING M400.
- NEW PUMP P-7. PHASING OF PUMP DEMOLITION AND INSTALLATION IS SHOWN ON DRAWING M400.
- NEW NPS 1 BOILER BLOWDOWN PIPING FROM NEW BOILER TO EXISTING BLOWDOWN TANK HEADER. PIPING IS TO BE ROUTED THROUGH EXISTING FLOOR TRENCHES FROM GROUND FLOOR. PIPING CONTINUES ON DRAWING M202.
- CONTRACTOR TO INSTALL NEW TEMPERATURE SENSOR IN EXISTING STEAM TUNNEL TO KINGSTON PENITENTIARY. REFER TO DRAWING M203 FOR LOCATION AND SCOPE OF INSTALLATION.
- NEW CONDENSATE TRANSFER PUMPS P-1 AND P-2 INSTALLED ON NEW 150mm REINFORCED HOUSEKEEPING PAD. PUMPS TO BE TIED INTO EXISTING CONDENSATE PIPING ASSOCIATED WITH CONDENSATE TANK AND DEAERATOR. REFER TO DRAWING M401 FOR CONNECTION DETAILS.
- NEW 150mm HOUSEKEEPING PAD FOR PUMPS P-1 AND P-2. HOUSEKEEPING PAD TO PROVIDE 100mm CLEARANCE AROUND NEW PUMPS. REFER TO M401 FOR HOUSEKEEPING PAD DETAIL.
- CONTRACTOR TO PROVIDE NEW CONTROL PANEL TO MATCH EXISTING FOR PUMPS P-1 AND P-2. PANEL TO BE WALL MOUNTED AND PROVIDED BY DIVISION 23. CONTROLS FOR PUMPS TO BE DONE BY DIVISION 25. POWER TO BE PROVIDED AND CONNECTED BY DIVISION 26. COORDINATE WITH ELECTRICAL. CONTROL PANEL TO MATCH SEQUENCE OF OPERATIONS OF EXISTING PANEL FOR PUMPS P-1 AND P-2. NEW CONTROL PANEL TO INCLUDE DISCONNECT SWITCH AND BE 600V. EXISTING PANEL TO BE DEMOLISHED.

GENERAL NOTES

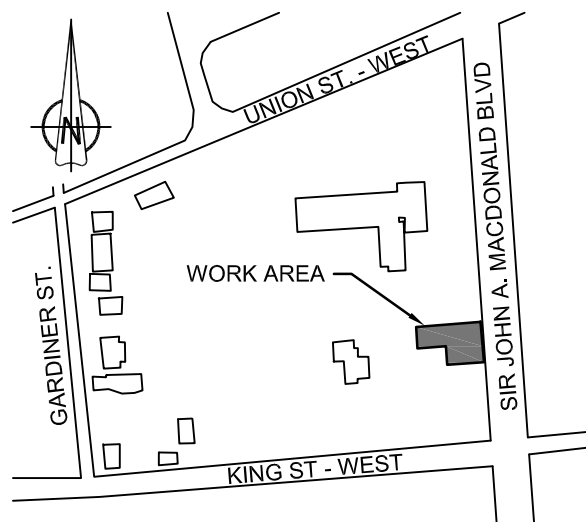
- DESIGN DOCUMENTS ARE BASED ON PIPING AND CONNECTION REQUIREMENTS FOR A SPECIFIC BOILER MODEL. CONTRACTOR IS RESPONSIBLE FOR ACCOMMODATING ALL REQUIRED PIPING CONNECTIONS AND OTHER NECESSITIES FOR PROPER INSTALLATION OF NEW STEAM BOILER THAT IS PROVIDED, SHOULD THE PROVIDED BOILER DEVIATE FROM THE REQUIREMENTS IDENTIFIED IN THESE DESIGN DOCUMENTS.
- CONTRACTOR IS RESPONSIBLE FOR ENSURING BOILER PLANT MEETS OPERATIONAL REQUIREMENTS OF PWGSC BY OCTOBER 15, 2014. CONTRACTOR IS TO PROVIDE AND INSTALL TEMPORARY BOILERS TO MEET DEMAND IF PLANT IS DEEMED BY PWGSC TO NOT MEET OPERATIONAL REQUIREMENTS ON THIS DATE.
- REFER TO DRAWINGS M300, M301, AND M302 FOR SCHEMATICS.



Public Works and
Government Services Canada
Architectural and Engineering Services
Ontario Region

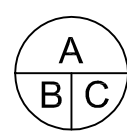
Travaux publics et
Services gouvernementaux Canada
Services d'architecture et de génie
Région de l'Ontario

Key plan
Plan clé



revision	description	date
01	ISSUED FOR ADDENDUM 1	2014/08/08
00	ISSUED FOR TENDER	2014/07/24
0A	ISSUED FOR 99% REVIEW	2014/05/22

Do not scale drawings.
Verify all dimensions and conditions on site and
immediately notify the engineer of all discrepancies.



- A Detail No.
No. du détail
B drawing no. - where detail required
dessin no. - où détail exigé
C drawing no. - where detailed
dessin no. - où détaillé

project title
titre du projet
OTTAWA ONTARIO
CLIENT
560 KING STREET,
KINGSTON, K7L 4V7
**KINGSTON PENITENTIARY
HEATING PLANT UPGRADE**

drawing title
titre du dessin
**BASEMENT
PIPING
NEW**

drawn by
dessiné par
PATRICK BOURGEOIS

designed by
conçu par
CARY MCGEE, P.ENG

approved by
approuvé par
CARY MCGEE, P.ENG

tender
soumission
DUNCAN PARKER, P.ENG.

project manager
administrateur
de projets

project date
date du projet
2014/04/07

project no.
no. du projet
R.068125.001

drawing no.
dessin no.
M200