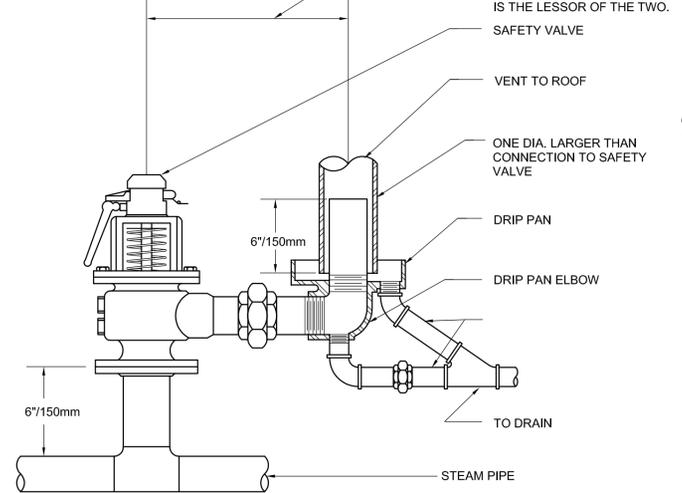


**2 EXISTING STEAM HEADER**  
 M400 SCALE: NTS

**1 STEAM SAFETY VALVE & DRIP PAN ELBOW**  
 M400 SCALE: NTS



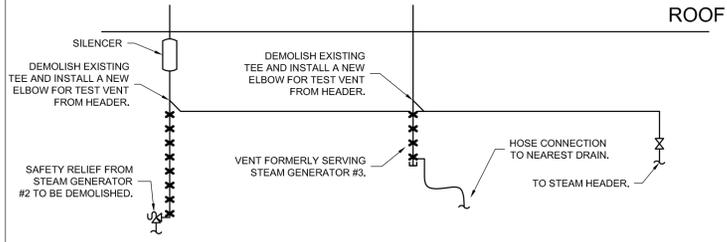
**PUMP DEMOLITION PROPOSED PHASING**

- 1 DEMOLISH EXISTING PUMP P-7 AND MOTOR FROM PUMP P-6. MAINTAIN PUMP P-8.
- 2 INSTALL NEW PUMP P-7 AT CONNECTION POINTS FORMERLY SERVING PUMP P-6.
- 3 COMMISSION NEW PUMP P-7 AND ENSURE PUMP IS OPERATING CORRECTLY.
- 4 UPON WRITTEN APPROVAL FROM DEPARTMENTAL REPRESENTATIVE TO PROCEED, DEMOLISH OLD PUMP P-8.
- 5 INSTALL NEW PUMP P-8 AT CONNECTION POINTS FORMERLY SERVING OLD PUMP P-7.
- 6 COMMISSION NEW PUMP P-8.

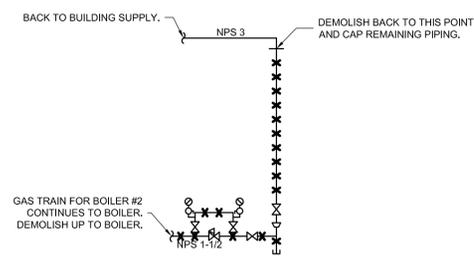
ID	MANUFACTURER	MODEL	FLUID	CAPACITY		ELECTRICAL					COMMENTS
				FLOW (L/s)	HEAD (kPa)	HP	VOLTS	PHASE	HZ	RPM	
P-1	ARMSTRONG	4280	CONDENSATE	3.78	210	5	575	3	60	1740	
P-2	ARMSTRONG	4280	CONDENSATE	3.78	210	5	575	3	60	1740	
P-6	ARMSTRONG	4700	BOILER FEEDWATER	1.33	931	3	575	3	60	3450	1
P-7	ARMSTRONG	4700	BOILER FEEDWATER	1.33	931	3	575	3	60	3450	1

COMMENTS:  
 1 - VERTICAL MULTI-STAGE PUMP

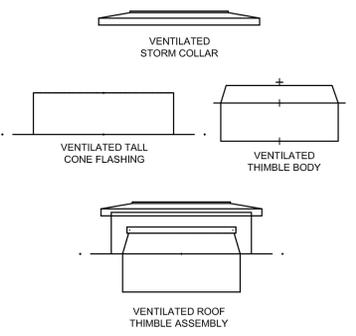
**3 TEST VENT MODIFICATIONS**  
 M400 SCALE: NTS



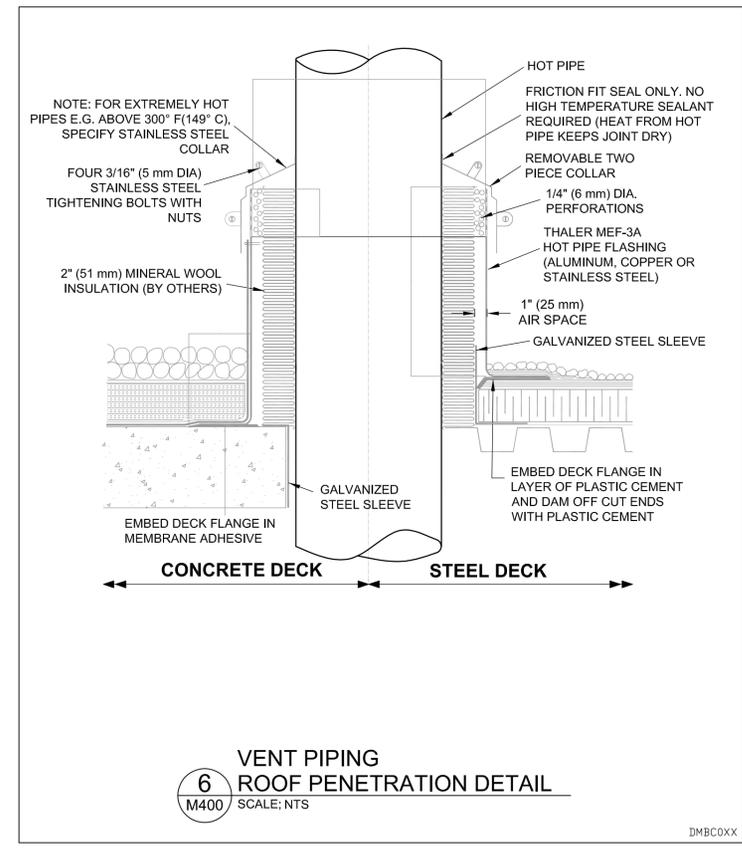
**4 THERMAL FLUID BOILER #2 NATURAL GAS INTERVENTION POINT**  
 M400 SCALE: NTS



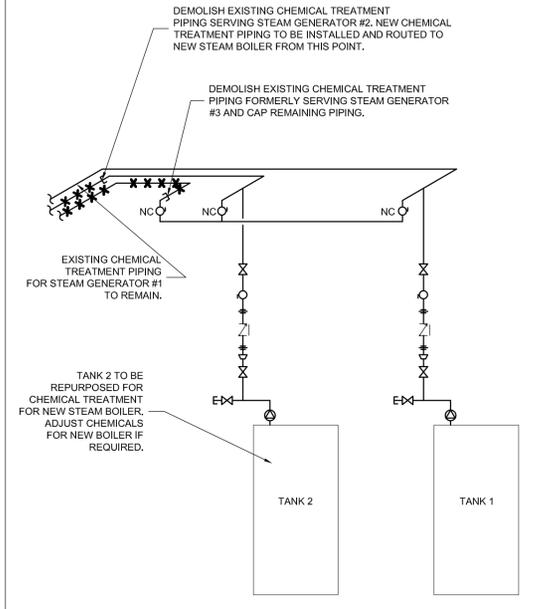
**5 CHIMNEY BREECHING ROOF PENETRATION DETAIL**  
 M400 SCALE: NTS



**6 VENT PIPING ROOF PENETRATION DETAIL**  
 M400 SCALE: NTS



**7 CHEMICAL TREATMENT PIPING**  
 M400 SCALE: NTS



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.
B	No. du detail
C	drawing no. - where detail required
	dessin no. - où détail exigé
	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**

**DETAILS AND SCHEDULES**

drawn by  
 dessiné par  
**DEAN PROCTOR**

designed by  
 conçu par  
**CARY MCGEE**

approved by  
 approuvé par  
**CARY MCGEE**

lender  
 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.  
**M400**