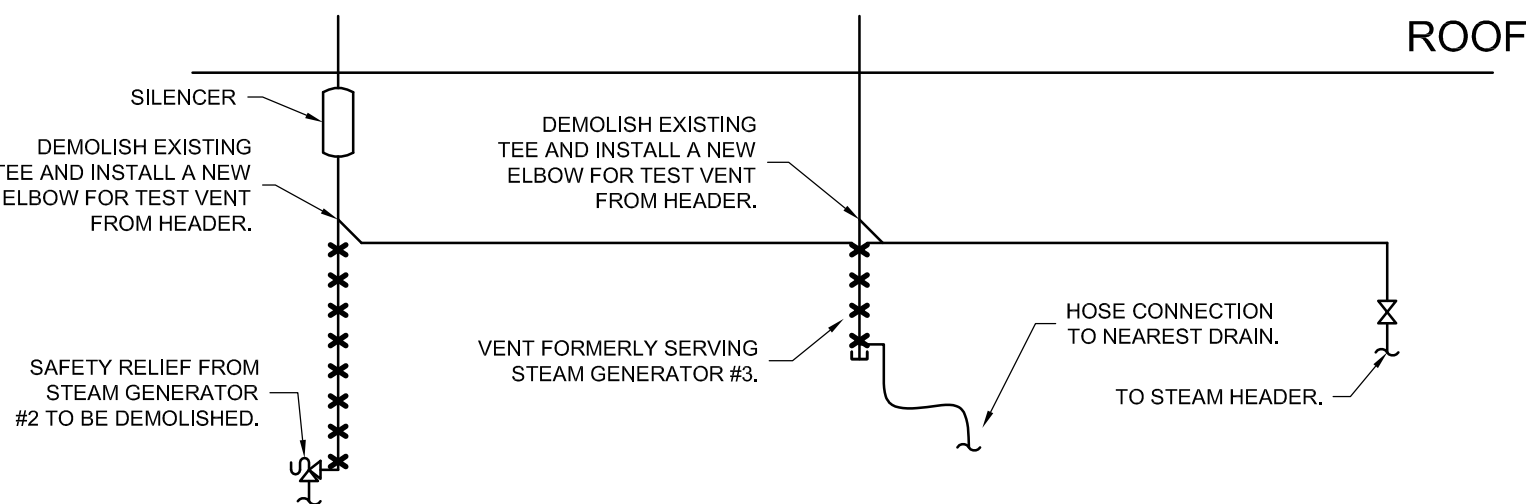
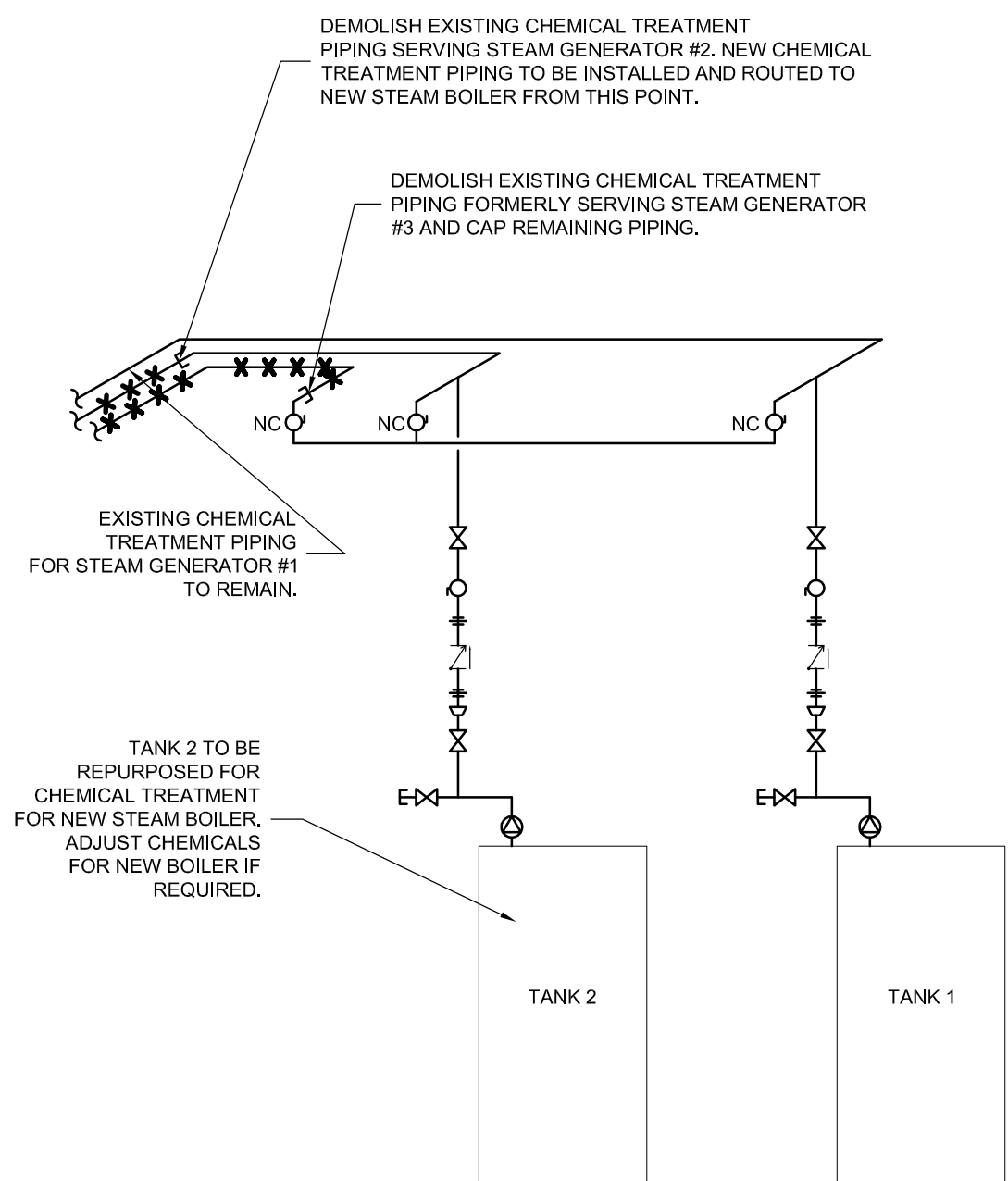


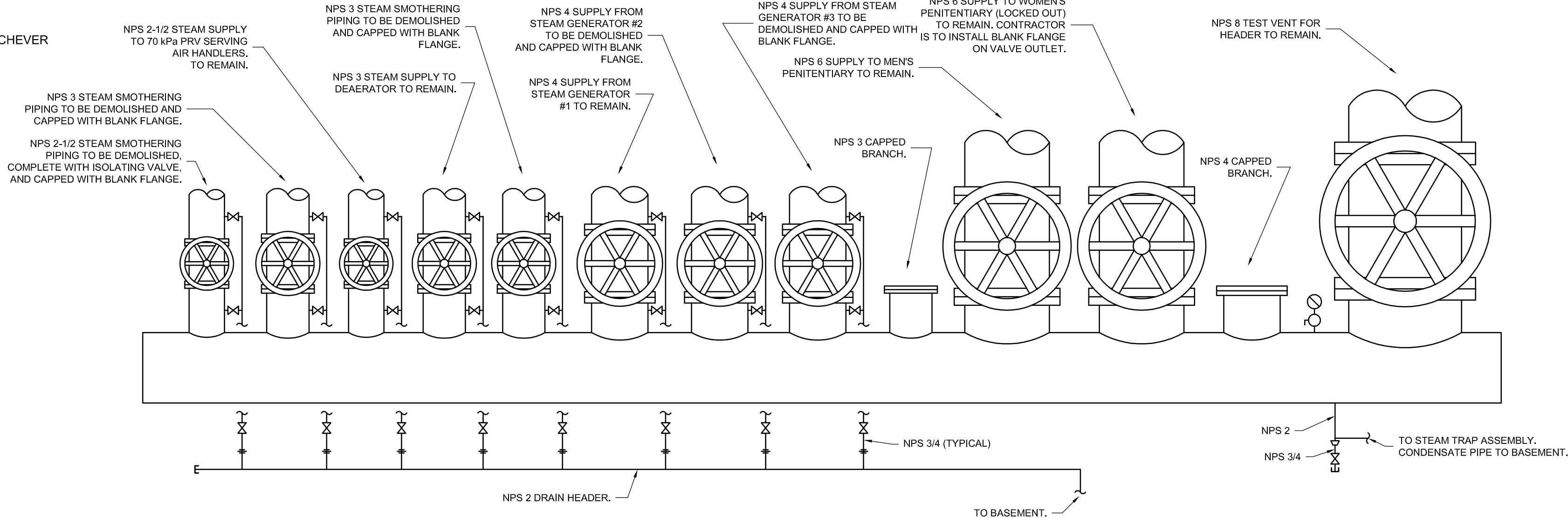
1 STEAM SAFETY VALVE & DRIP PAN ELBOW
M400 SCALE: NTS



3 TEST VENT MODIFICATIONS
M400 SCALE: NTS



7 CHEMICAL TREATMENT PIPING
M400 SCALE: NTS

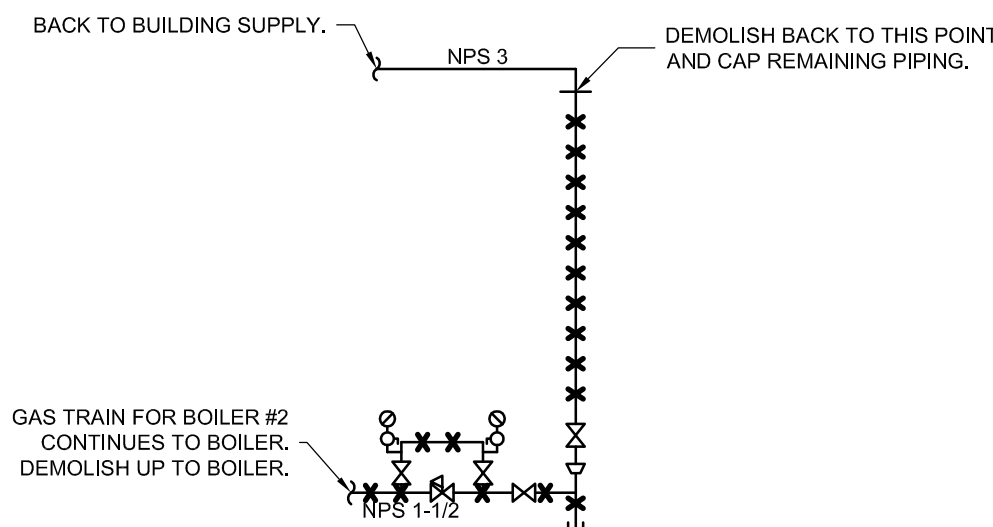


2 EXISTING STEAM HEADER
M400 SCALE: NTS

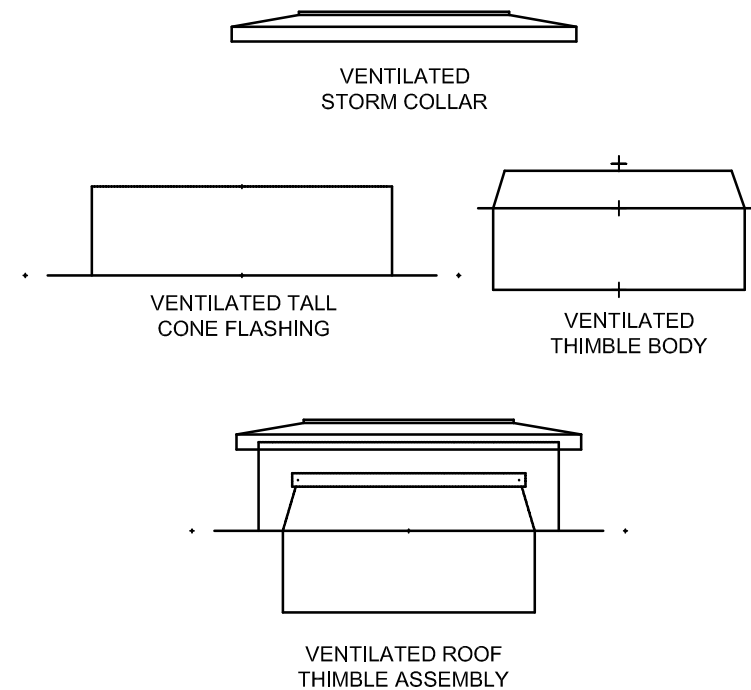
PUMP DEMOLITION PROPOSED PHASING

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.

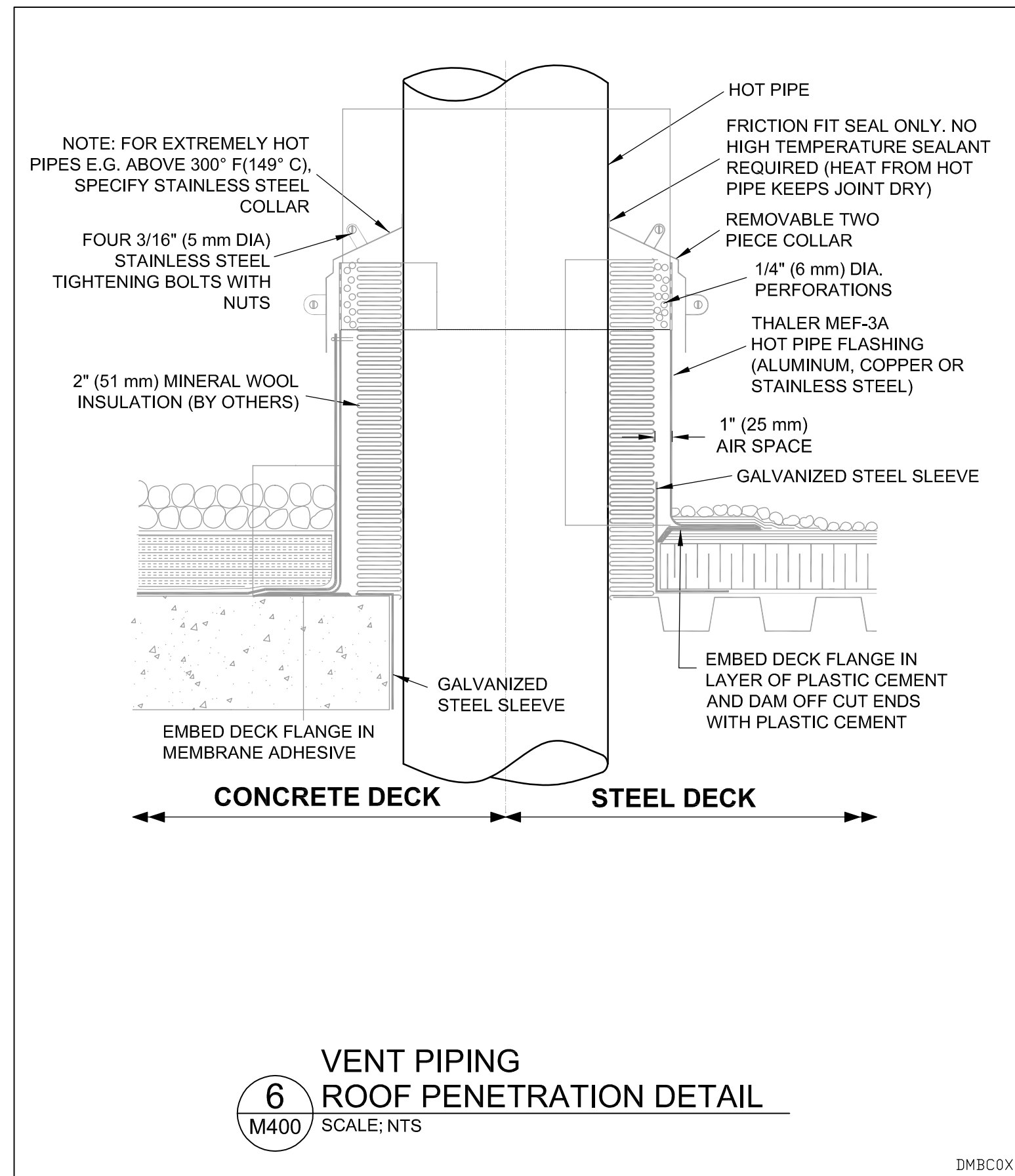
PUMP SCHEDULE												
ID	MANUFACTURER	MODEL	FLUID	CAPACITY		ELECTRICAL						COMMENTS
				FLOW (L/s)	HEAD (kPa)	HP	VOLTS	PHASE	HZ	RPM		
P-1	ARMSTRONG	4280	CONDENSATE	3.78	210	5	575	3	60	1740		
P-2	ARMSTRONG	4280	CONDENSATE	3.78	210	5	575	3	60	1740		
P-6	ARMSTRONG	4700	BOILER FEEDWATER	1.33	931	3	575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



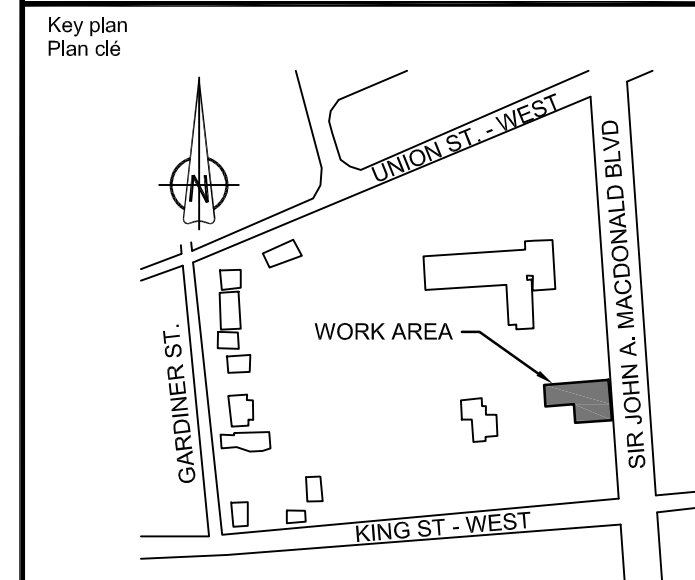
4 THERMAL FLUID BOILER #2
NATURAL GAS INTERVENTION POINT
M400 SCALE: NTS



5 CHIMNEY BREECHING
ROOF PENETRATION DETAIL
M400 SCALE: NTS



6 VENT PIPING
ROOF PENETRATION DETAIL
M400 SCALE: NTS



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
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
**DETAILS AND
SCHEDULES**

drawn by
dessiné par
DEAN PROCTOR

designed by
conçu par
CARY MCGEE

approved by
approuvé par
CARY MCGEE

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.
M400