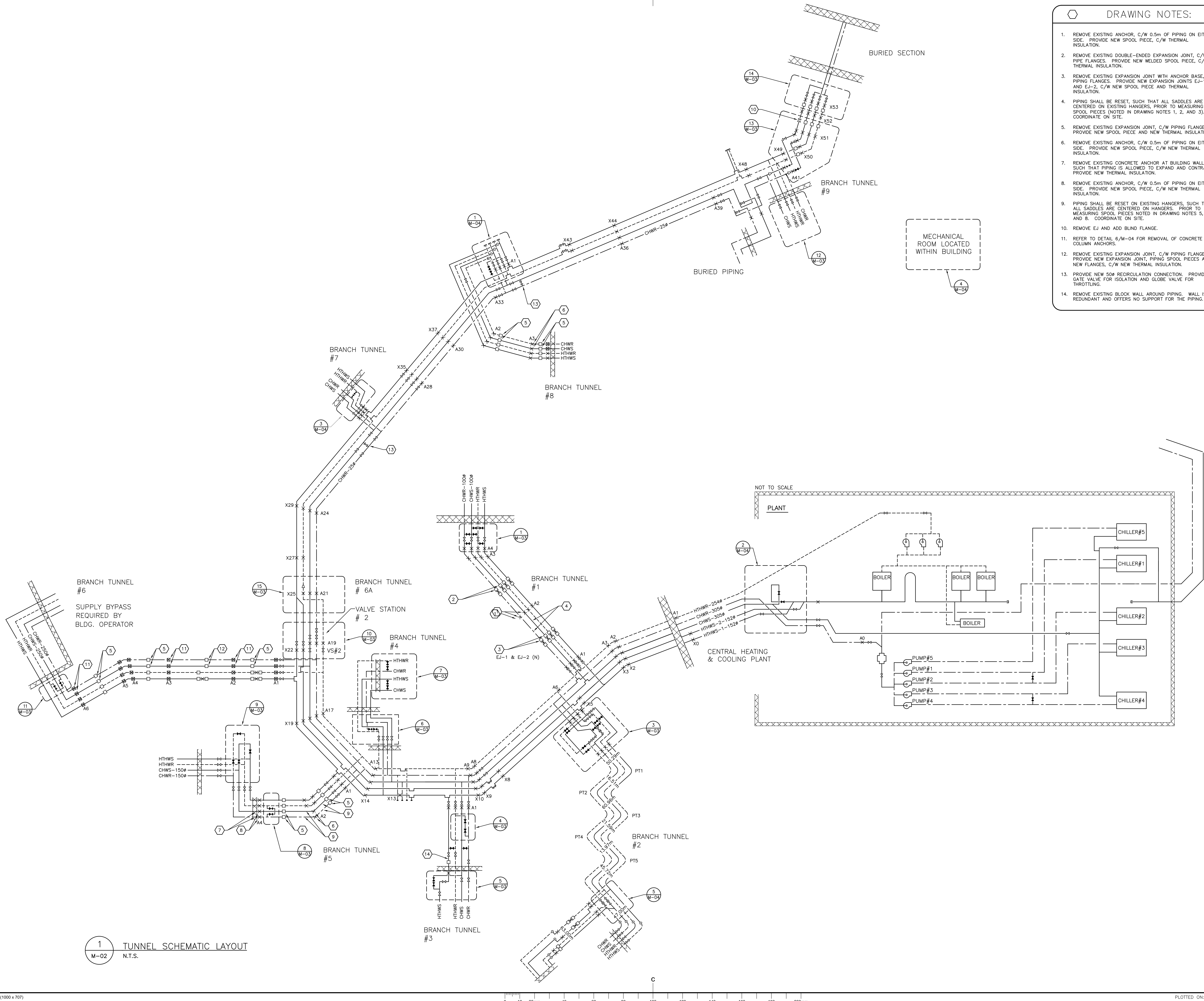


DRAWING PATH: P:\131-22000\131-22002-00\_Branch Tunnel Study - Confederation Heights\Working\Drawings\131-22002-00\_M02\_Mech\_Schematic.dwg

PWGSC B1 (1000 x 707)



# DRAWING NOTES:

1. REMOVE EXISTING ANCHOR, C/W 0.5m OF PIPING ON EITHER SIDE. PROVIDE NEW SPOOL PIECE, C/W THERMAL INSULATION.
2. REMOVE EXISTING DOUBLE-ENDED EXPANSION JOINT, C/W PIPE FLANGES. PROVIDE NEW WELDED SPOOL PIECE, C/W THERMAL INSULATION.
3. REMOVE EXISTING EXPANSION JOINT WITH ANCHOR BASE, C/W PIPING FLANGES. PROVIDE NEW EXPANSION JOINTS EJ-1 AND EJ-2, C/W NEW SPOOL PIECE AND THERMAL INSULATION.
4. PIPING SHALL BE RESET, SUCH THAT ALL SADDLES ARE CENTERED ON EXISTING HANGERS, PRIOR TO MEASURING SPOOL PIECES (NOTED IN DRAWING NOTES 1, 2, AND 3). COORDINATE ON SITE.
5. REMOVE EXISTING EXPANSION JOINT, C/W PIPING FLANGES. PROVIDE NEW SPOOL PIECE AND NEW THERMAL INSULATION.
6. REMOVE EXISTING ANCHOR, C/W 0.5m OF PIPING ON EITHER SIDE. PROVIDE NEW SPOOL PIECE, C/W NEW THERMAL INSULATION.
7. REMOVE EXISTING CONCRETE ANCHOR AT BUILDING WALL, SUCH THAT PIPING IS ALLOWED TO EXPAND AND CONTRACT. PROVIDE NEW THERMAL INSULATION.
8. REMOVE EXISTING ANCHOR, C/W 0.5m OF PIPING ON EITHER SIDE. PROVIDE NEW SPOOL PIECE, C/W NEW THERMAL INSULATION.
9. PIPING SHALL BE RESET ON EXISTING HANGERS, SUCH THAT ALL SADDLES ARE CENTERED ON HANGERS. PRIOR TO MEASURING SPOOL PIECES NOTED IN DRAWING NOTES 5, 6, 7 AND 8. COORDINATE ON SITE.
10. REMOVE EJ AND ADD BLIND FLANGE.
11. REFER TO DETAIL 6/M-04 FOR REMOVAL OF CONCRETE COLUMN ANCHORS.
12. REMOVE EXISTING EXPANSION JOINT, C/W PIPING FLANGES. PROVIDE NEW EXPANSION JOINT, PIPING SPOOL PIECES AND NEW FLANGES, C/W NEW THERMAL INSULATION.
13. PROVIDE NEW 50# RECIRCULATION CONNECTION. PROVIDE GATE VALVE FOR ISOLATION AND GLOBE VALVE FOR THROTTLING.
14. REMOVE EXISTING BLOCK WALL AROUND PIPING. WALL IS REDUNDANT AND OFFERS NO SUPPORT FOR THE PIPING.



300-2611 QUEENSWAY DRIVE  
OTTAWA (ONTARIO) CANADA K2B 8K2  
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Contractor to verify all dimensions  
& conditions on site and immediately  
notify the engineer of all discrepancies.

revisions	description	date
4	RE-ISSUED FOR TENDER	2014/11/07
3	ISSUED FOR TENDER	2014/03/28
2	ISSUED FOR 100% REVIEW	2014/02/14
1	ISSUED FOR 99% REVIEW	2013/11/06

A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B
	C drawing no. dessin no.	C

project projet

## CONFEDERATION HEIGHTS CENTRAL HEATING PLANT TUNNEL DIST. SYSTEM

BUILDING\_ADDRESS

drawing dessin

## MECHANICAL HEATING & CHILLED WATER DISTRIBUTION

Designed By	JAYSON BOWIE	Conçu par	
Date	02/14/2014	(yyyy/mm/dd)	
Drawn By	MARIE FRANCE ETHIER	Dessiné par	
Date	02/14/2014	(yyyy/mm/dd)	
Reviewed By	JAYSON BOWIE	Examiné par	
Date	02/14/2014	(yyyy/mm/dd)	
Approved By	FEDERICO ALVAREZ	Approuvé par	
Date	02/14/2014	(yyyy/mm/dd)	
Tender	TENDER		
Project Manager	PROJECT_MANAGER	Administrateur de projets	
Project no.		No. du projet	

R.059696.004

Drawing no. No. du dessin  
M-02