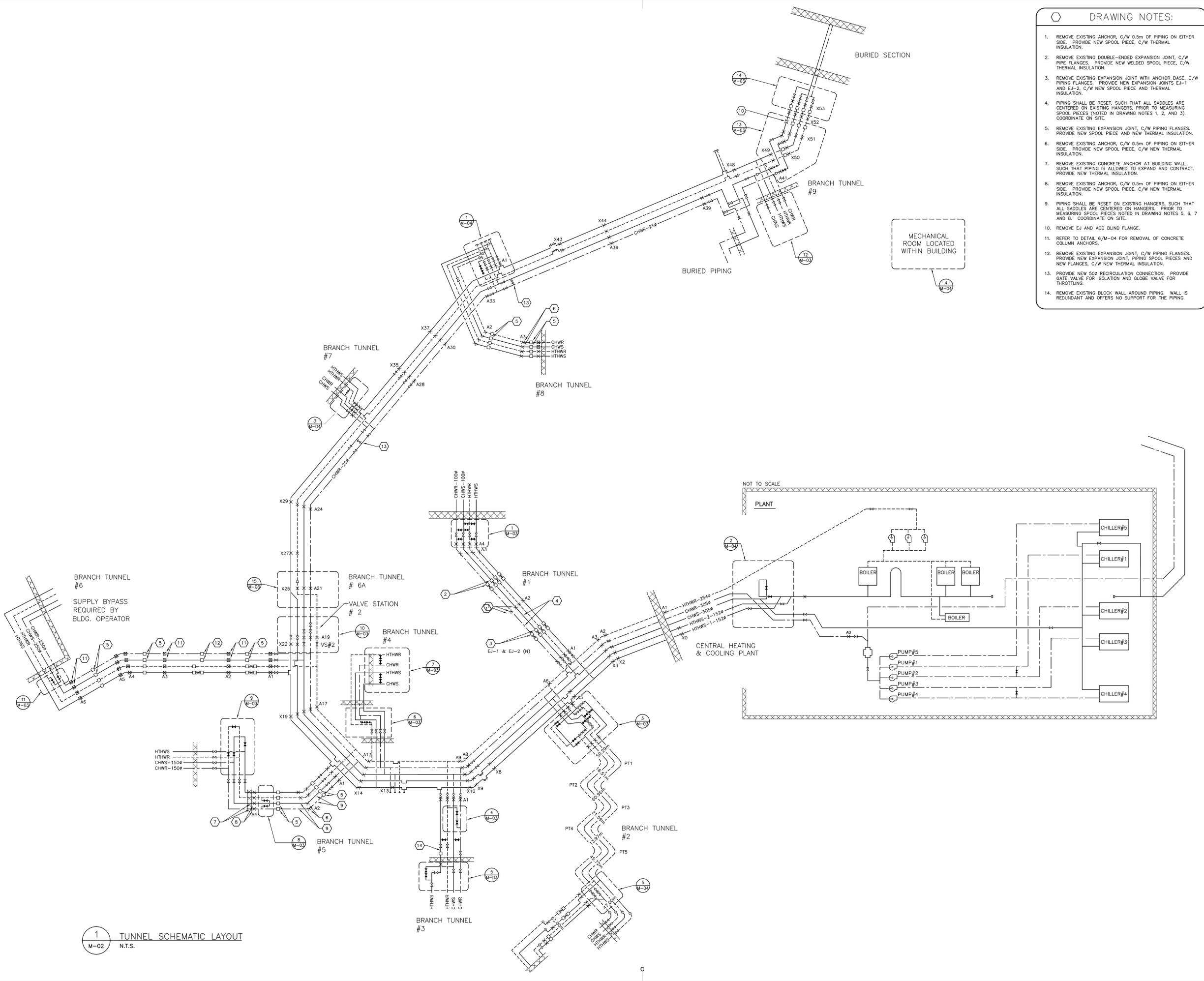




200-2611 QUEENSWAY DRIVE
OTTAWA (ONTARIO) CANADA K2B 8K2
TEL.: 613-829-2800 | FAX: 613-829-8299 | WWW.WSPGROUP.COM

- DRAWING NOTES:**
- REMOVE EXISTING ANCHOR, C/W 0.5m OF PIPING ON EITHER SIDE. PROVIDE NEW SPOOL PIECE, C/W THERMAL INSULATION.
 - REMOVE EXISTING DOUBLE-ENDED EXPANSION JOINT, C/W PIPE FLANGES. PROVIDE NEW WELDED SPOOL PIECE, C/W THERMAL INSULATION.
 - 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.
 - 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.
 - REMOVE EXISTING EXPANSION JOINT, C/W PIPING FLANGES. PROVIDE NEW SPOOL PIECE AND NEW THERMAL INSULATION.
 - REMOVE EXISTING ANCHOR, C/W 0.5m OF PIPING ON EITHER SIDE. PROVIDE NEW SPOOL PIECE, C/W NEW THERMAL INSULATION.
 - REMOVE EXISTING CONCRETE ANCHOR AT BUILDING WALL, SUCH THAT PIPING IS ALLOWED TO EXPAND AND CONTRACT. PROVIDE NEW THERMAL INSULATION.
 - REMOVE EXISTING ANCHOR, C/W 0.5m OF PIPING ON EITHER SIDE. PROVIDE NEW SPOOL PIECE, C/W NEW THERMAL INSULATION.
 - 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.
 - REMOVE EJ AND ADD BLIND FLANGE.
 - REFER TO DETAIL 6/M-04 FOR REMOVAL OF CONCRETE COLUMN ANCHORS.
 - REMOVE EXISTING EXPANSION JOINT, C/W PIPING FLANGES. PROVIDE NEW EXPANSION JOINT, PIPING SPOOL PIECES AND NEW FLANGES, C/W NEW THERMAL INSULATION.
 - PROVIDE NEW 50° RECIRCULATION CONNECTION. PROVIDE GATE VALVE FOR ISOLATION AND GLOBE VALVE FOR THROTTLING.
 - REMOVE EXISTING BLOCK WALL AROUND PIPING. WALL IS REDUNDANT AND OFFERS NO SUPPORT FOR THE PIPING.



1 TUNNEL SCHEMATIC LAYOUT
M-02 N.T.S.



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
B	B: location drawing no. sur dessin no.	B
C	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	JAYSON BOWIE
Date	02/14/2014	(yyyy/mm/dd)	02/14/2014
Drawn By	MARIE FRANCE ETHER	Dessiné par	MARIE FRANCE ETHER
Date	02/14/2014	(yyyy/mm/dd)	02/14/2014
Reviewed By	JAYSON BOWIE	Examiné par	JAYSON BOWIE
Date	02/14/2014	(yyyy/mm/dd)	02/14/2014
Approved By	FEDERICO ALVAREZ	Approuvé par	FEDERICO ALVAREZ
Date	02/14/2014	(yyyy/mm/dd)	02/14/2014
Tender	TENDER	Administration	TENDER
Project Manager	PROJECT_MANAGER	Administrateur de projets	PROJECT_MANAGER
Project no.	R.059696.004	No. du projet	R.059696.004
Drawing no.	M-02	No. du dessin	M-02

DRAWING PATH: P:\131-22000\131-22000-00-Branch Tunnel Study - Confederation Heights CHCP Drawings\Working_Drafts\131-22000-00-M02-Mech_Schematic.dwg