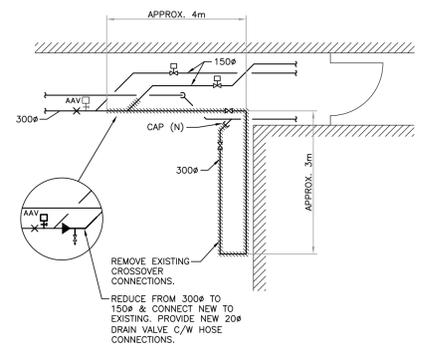


**DETAIL NOTES**

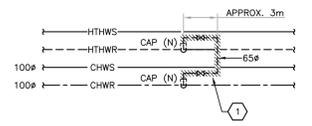
- 1 REMOVE EXISTING 65# CROSSOVER CONNECTION, C/W ALL HANGERS AND ACCESSORIES. PROVIDE NEW CAPS AT MAIN AND THERMALLY INSULATE.

**1** BRANCH TUNNEL #8 – CROSSOVER CONNECTIONS  
M-04 N.T.S.



- REMOVE EXISTING CROSSOVER CONNECTIONS.
- REDUCE FROM 300# TO 150# & CONNECT NEW TO EXISTING. PROVIDE NEW 20# DRAIN VALVE C/W HOSE CONNECTIONS.

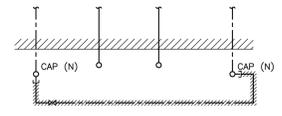
**2** CHCP – CROSSOVER CONNECTION  
M-04 N.T.S.



**DETAIL NOTES**

- 1 REMOVE EXISTING 65# CROSSOVER CONNECTION, C/W ALL HANGERS AND ACCESSORIES. PROVIDE NEW CAPS AT MAIN AND THERMALLY INSULATE.

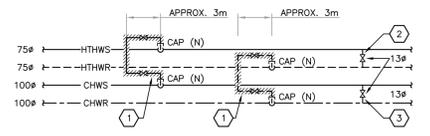
**3** BRANCH TUNNEL #7 – CROSSOVER CONNECTIONS  
M-04 N.T.S.



**DETAIL NOTES**

- 1 REMOVE EXISTING 65# CROSSOVER CONNECTION, C/W ALL HANGERS AND ACCESSORIES. PROVIDE NEW CAPS AT MAIN AND THERMALLY INSULATE.

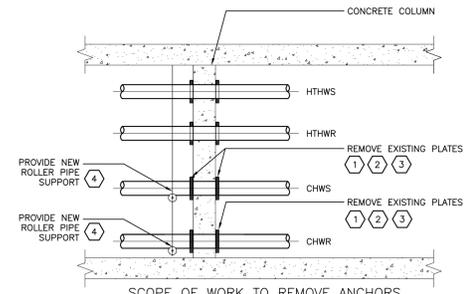
**4** BRANCH TUNNEL #9 – CROSSOVER IN BUILDING MECHANICAL ROOM  
M-04 N.T.S.



**DETAIL NOTES**

- 1 REMOVE EXISTING 65# CROSSOVER CONNECTION, C/W ALL HANGERS AND ACCESSORIES. PROVIDE NEW CAPS AT MAIN AND THERMALLY INSULATE.
- 2 THERMALLY INSULATE EXISTING 13# HTHWS/R RECIRCULATION CONNECTION.
- 3 REMOVE EXISTING 13# CHWS/R RECIRCULATION CONNECTIONS. PROVIDE NEW 25# CHWS/R RECIRCULATION CONNECTION, C/W NEW GATE VALVE FOR ISOLATION VALVE, NEW GLOBE VALVE FOR THROTTLING, AND NEW THERMAL INSULATION.

**5** BRANCH TUNNEL #2 – CROSSOVER CONNECTIONS  
M-04 N.T.S.



**SCOPE OF WORK TO REMOVE ANCHORS**

- 1 REMOVE EXISTING PLATES FROM CHWS AND CHWR PIPING AS INDICATED. GRIND PIPING SMOOTH ONCE PLATE IS REMOVED.
- 2 COORDINATE WITH ASBESTOS ABATEMENT CONTRACTOR TO REMOVE ASBESTOS, IN A SAFE MANNER.
- 3 PROVIDE NEW THERMAL INSULATION THROUGH COLUMN, AFTER ASBESTOS HAS BEEN REMOVED. COLUMN SHALL BE LEFT TO OPERATE AS A GUIDE.
- 4 PROVIDE NEW ROLLER PIPE SUPPORT COMPLETE WITH PIPE SADDLE FOR BOTH CHILLED WATER SUPPLY AND CHILLED WATER RETURN, ON ONE SIDE OF COLUMN.

**6** CONCRETE COLUMN ANCHOR REMOVAL  
M-04 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
C	B

project projet  
**CONFEDERATION HEIGHTS  
CENTRAL HEATING PLANT  
TUNNEL DIST. SYSTEM**

BUILDING\_ADDRESS

drawing dessin  
**MECHANICAL  
DETAILS**

Designed By	JAYSON BOWIE	Conçu par	
Date	02/14/2014	(yyyy/mm/dd)	
Drawn By	MARIE FRANCE ETHER	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	Soumission	
Project Manager	PROJECT_MAN	Administrateur de projets	
Project no.		No. du projet	
	<b>R.059696.004</b>		
Drawing no.		No. du dessin	
	<b>M-04</b>		

DRAWING PATH: P:\131-22082-00-Branch Tunnel Study - Confederation High CHCP\Drawings\Working\_Dwg\Mech Working\_Dwg\131-22082-00-M03-M04-Mech\_Details.dwg

