

REQUEST FOR INFORMATION (RFI)

PROJECT :	BKK2	R.F.I. NO. :	523213-01-RFI-ME-0008
TO :	CTA	ATTENTION :	CTA
SUBMITTED DATE	12-Jan-26	NEED REPLY BY DATE :	19-Jan-26

SUBMISSION OF : ☒ Q&A ☒ Drawing ☐ Document ☐ Others (as specified below)

SUBJECT : Request for Confirmation - Add Isolation Valve and Check Valve for DRG-ME-0103, 0104 and 0105

Total Page (s) : 4 (Including this page)

FUNCTION :	<input type="checkbox"/> Structural (ST)	<input type="checkbox"/> Electrical & Communication (EL)	<input checked="" type="checkbox"/> Mechanical (ME)	<input type="checkbox"/> Vertical Transport (VT)
	<input type="checkbox"/> Architectural (AR)	<input type="checkbox"/> Fire Protection (FI)	<input type="checkbox"/> Hydraulic & Sanitary (HY)	<input type="checkbox"/> Other (O)



(1) CONTRACTOR REQUEST FOR INFORMATION :

1)With reference to DWG No. 523213-02-DRG-ME-0105, a by-pass line and an isolation valve are proposed to be added for commissioning purposes.

2)With reference to DWG No. 523213-02-DRG-ME-0103,0104, a check valve on the CHWF pipes is proposed to be added at each branch from the riser for commissioning purposes.

Kindly review and advise your approval.


'NOTE : It would be an additional cost some for items.

Requested by : 
Engineering ManagerReviewed by : 
Project Manager

(2) ATTN : Commtech Asia (Thailand)

☐ For Approval ☐ See Note ☒ Please Clarify

Note : Aurecon to determine whether this would be beneficial for commissioning purposes and whether it can benefit STT operations in terms of maintenance. Should Aurecon determine that this in fact would be beneficial, an internal discussion is required on this potential change.

From : GAA Group
By : 
Name / Position : Mr. Itsarate Trachuengtong/
Project Manager
Date : 12-Jan-26
Reviewed By : Commtech Asia (Thailand)
Name / Position : Finlay Coady
Date : Sr. Project Manager
22nd January 2026

(3) ATTN : AURECON

☐ For Approval ☒ See Note ☐ Please Clarify

Note : AUR:
1. Please canceled all the purposed check valves and isolation valves by contractor because the system can still maintain concurrently maintainable without the purposed valves
2. Please add the valves purposed by Aurecon in Green Highlighted only

From : Commtech Asia (Thailand)
By :
Name / Position ()
Date :
Reviewed By : AURECON
Name / Position (Kritchalat Onratn)
Date : 09/02/2026

(4) ATTN : STT GDC

☐ Clarification only ☐ Not Approved
☐ Approved for proceeding work
☐ Approved with comments, proceeding work in compliance with comments
☐ Approved with comments, not for proceeding work and need to re-submit

Note :

From : AURECON
By :
Name / Position ()
Date :
Reviewed By : STT GDC
Name / Position
Date :

CC : ☒ STT GDC ☒ AURECON ☒ Commtech Asia (Thailand) ☒ GAA ☐ OTHERS.....

CONTRACTOR DOCUMENT REVIEW

☐ ACCEPTED
☐ REJECTED
☒ MAKE CORRECTIONS NOTED & PROCEED
☐ REVISE AND RESUBMIT

Aurecon Consulting (Thailand) Co., Ltd.
By : Kritchalat Onratn
Date issued : 09/02/2026
Project No : 523213
Date received : 

This review is only for general conformation with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the contract document.

This review does not relieve the Contractor of his contractual obligations nor of his responsibilities of ensuring the work is complete accurate & correct. Any amendment does not constitute an order or authority for a price variation to the contract.

AUR: Please canceled all the purposed check valves and isolation valves by contractor because the system can still maintain concurrently maintainable without the purposed valves

NOZZLE INJECTED PIPES
DISCHARGE TO EACH SUMP OF
COOLING TOWER (2 CELLS)
SUCTION FROM EACH SUMP OF
COOLING TOWER (2 CELLS)
TO BE INSTALLED DURING PHASE 1

NOZZLE INJECTED PIPES
DISCHARGE TO EACH SUMP OF
COOLING TOWER (2 CELLS)
SUCTION FROM EACH SUMP OF
COOLING TOWER (2 CELLS)
TO BE INSTALLED DURING PHASE 1

NOZZLE INJECTED PIPES
DISCHARGE TO EACH SUMP OF
COOLING TOWER (2 CELLS)
SUCTION FROM EACH SUMP OF
COOLING TOWER (2 CELLS)
TO BE INSTALLED DURING PHASE 1

NOZZLE INJECTED PIPES
DISCHARGE TO EACH SUMP OF
COOLING TOWER (2 CELLS)
SUCTION FROM EACH SUMP OF
COOLING TOWER (2 CELLS)
TO BE INSTALLED DURING PHASE 2

NOZZLE INJECTED PIPES
DISCHARGE TO EACH SUMP OF
COOLING TOWER (2 CELLS)
SUCTION FROM EACH SUMP OF
COOLING TOWER (2 CELLS)
TO BE INSTALLED DURING PHASE 2

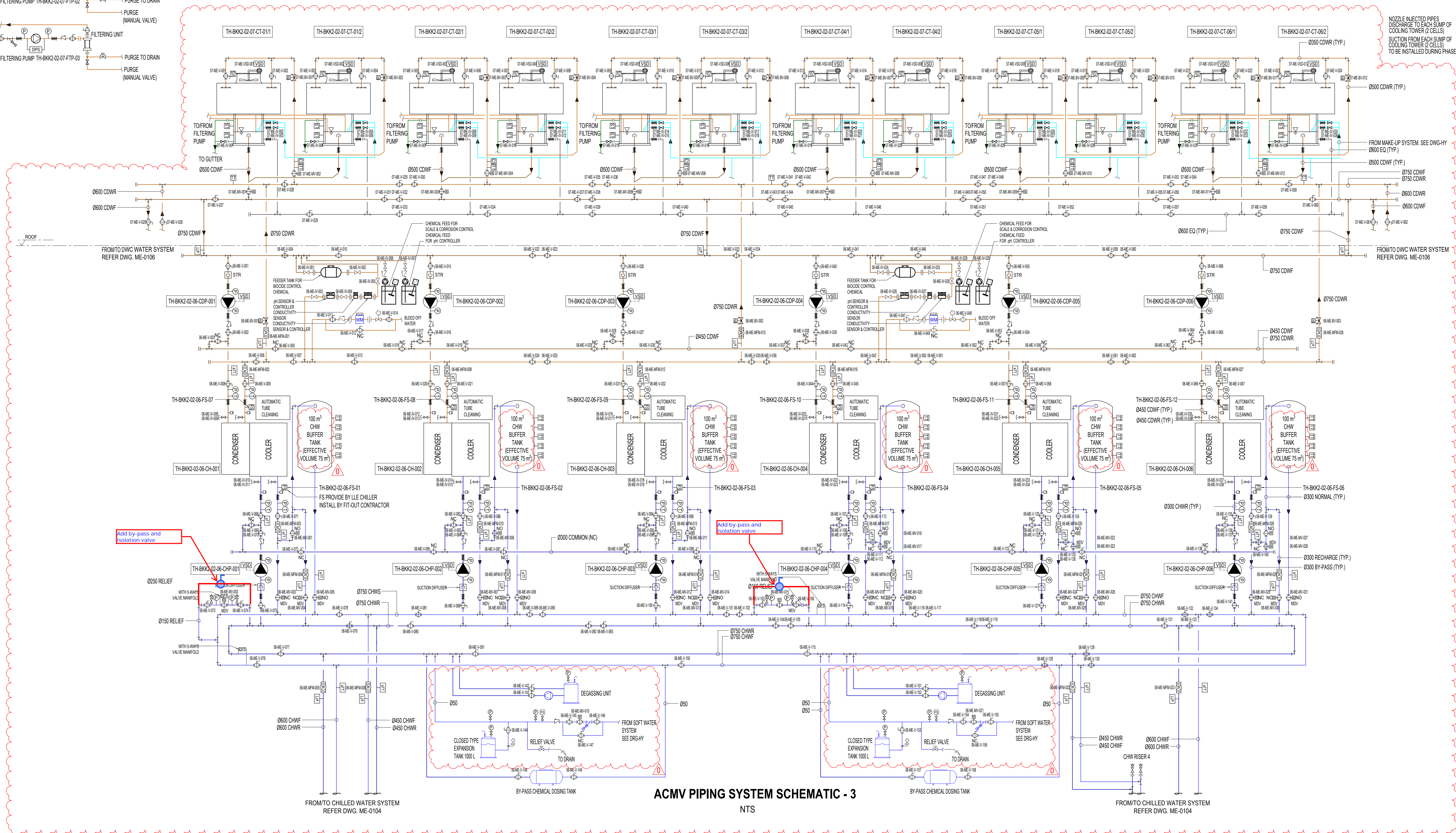
NOZZLE INJECTED PIPES
DISCHARGE TO EACH SUMP OF
COOLING TOWER (2 CELLS)
SUCTION FROM EACH SUMP OF
COOLING TOWER (2 CELLS)
TO BE INSTALLED DURING PHASE 2

NOTE:

- IN CASE Ø900 PIPE IS THE LARGEST SIZE AVAILABLE
FOR 1760 L/s CDM AVG. VELOCITY IS 2.8 m/s INSIDE Ø900 PIPE
- ALL SIZE INDICATED ARE FOR STEEL PIPE. WHEN USING
OTHER PIPING MATERIAL THE PIPE SHALL HAVE CLEAR
INSIDE DIAMETER EQUALS TO THE SAME INSIDE DIAMETER
OF THE STEEL PIPE OR LARGER.
- PRESSURE RELIEF VALVE ARE SIZED TO ALLOW 50% OF
CHILLERS EVAPORATOR FLOWRATE
- INLINE INSTRUMENTATION SUCH AS TEMPERATURE FLOW AND
DP SENSOR ARE SUPPLIED BY ECOMS VENDOR. AND INSTALLED BE
FIT-OUT CONTRACTOR
CHW HEADER OPT SENSORS SHALL BE INSTALLED WITH 5-WAY
VALVE MANIFOLD

ABBREVIATION NOTE:

TT = HI-ACCURACY TEMPERATURE SENSOR



OWNER
STTelemedia
Global Data Centres
STT GDC (THAILAND) CO., LTD.
601 Wireless Office Tower, 20th-24th Floor
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STRUCTURAL
นาย. 1488
นาย. 9229
นาย. 64414

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นาย. 438
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นาย. 6968
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The Leach Building, 19th Floor, Unit 1902-1903
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นาย. 603
นาย. 3222

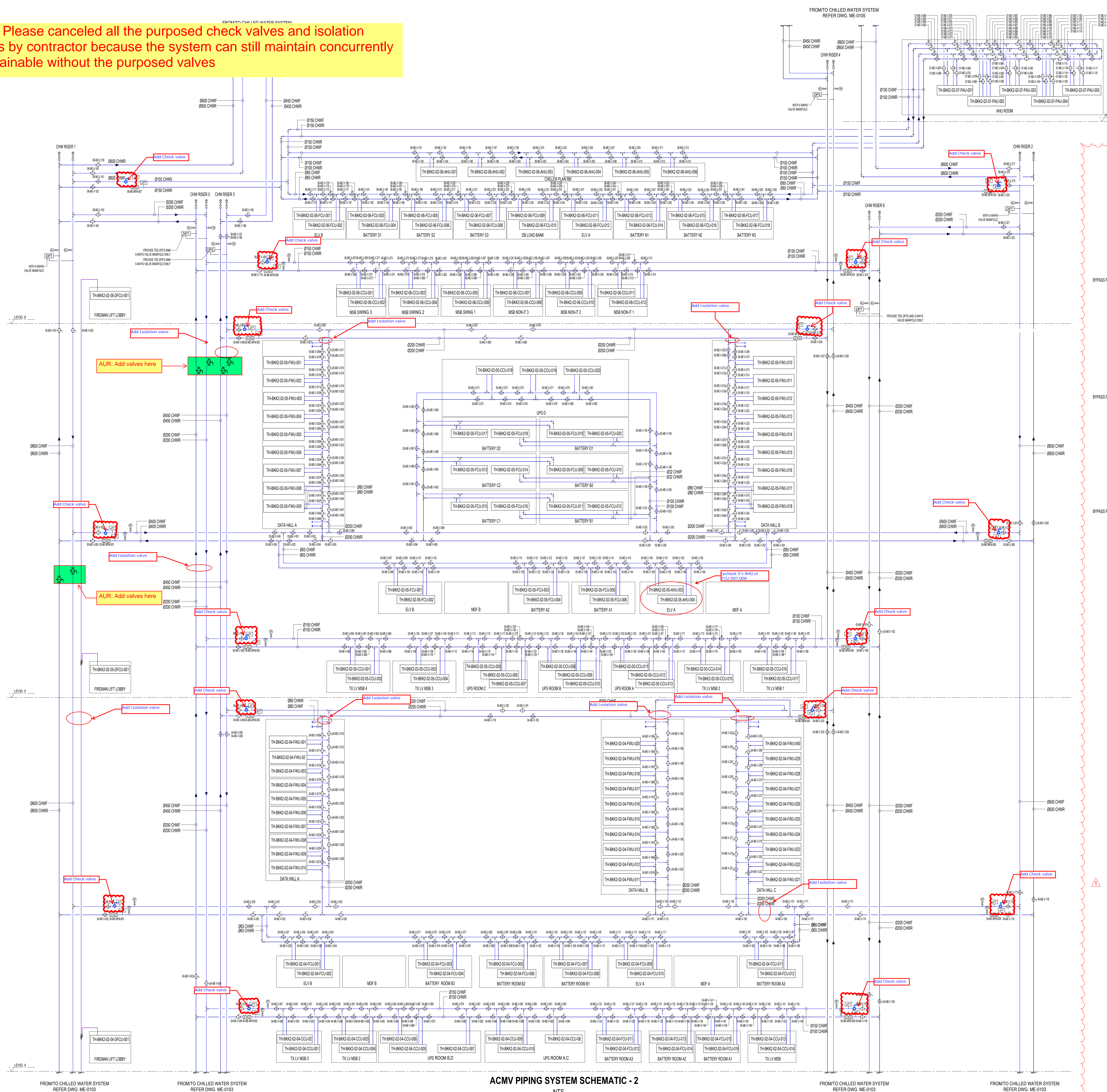
REV	DATE	DESCRIPTION	APP
1	17/10/25	ISSUED FOR CONSTRUCTION	CH
2	17/10/25	RE-ISSUED FOR CONSTRUCTION	CH

SCALE	SIZE	CONSTRUCTION ISSUE
NTS	A0	NOT FOR BAA SUBMISSION
DRAWN	SP	APPROVAL DATE
DESIGNED	KC	17/10/25
CHECKED	SS	

PROJECT	DRAWING TITLE	DRAWING NUMBER
6 STOREY BUILDING TERMINAL NORTH 601 Wireless Office Tower, 20th-24th Floor Rama 4 Road, Wangmai, Pathumwan, Bangkok 10330	MECHANICAL SERVICES ACMV PIPING SYSTEM SCHEMATIC CHILLER PLANT	523213 - 02 - DRG - ME-0105

PRINT IN COLOUR

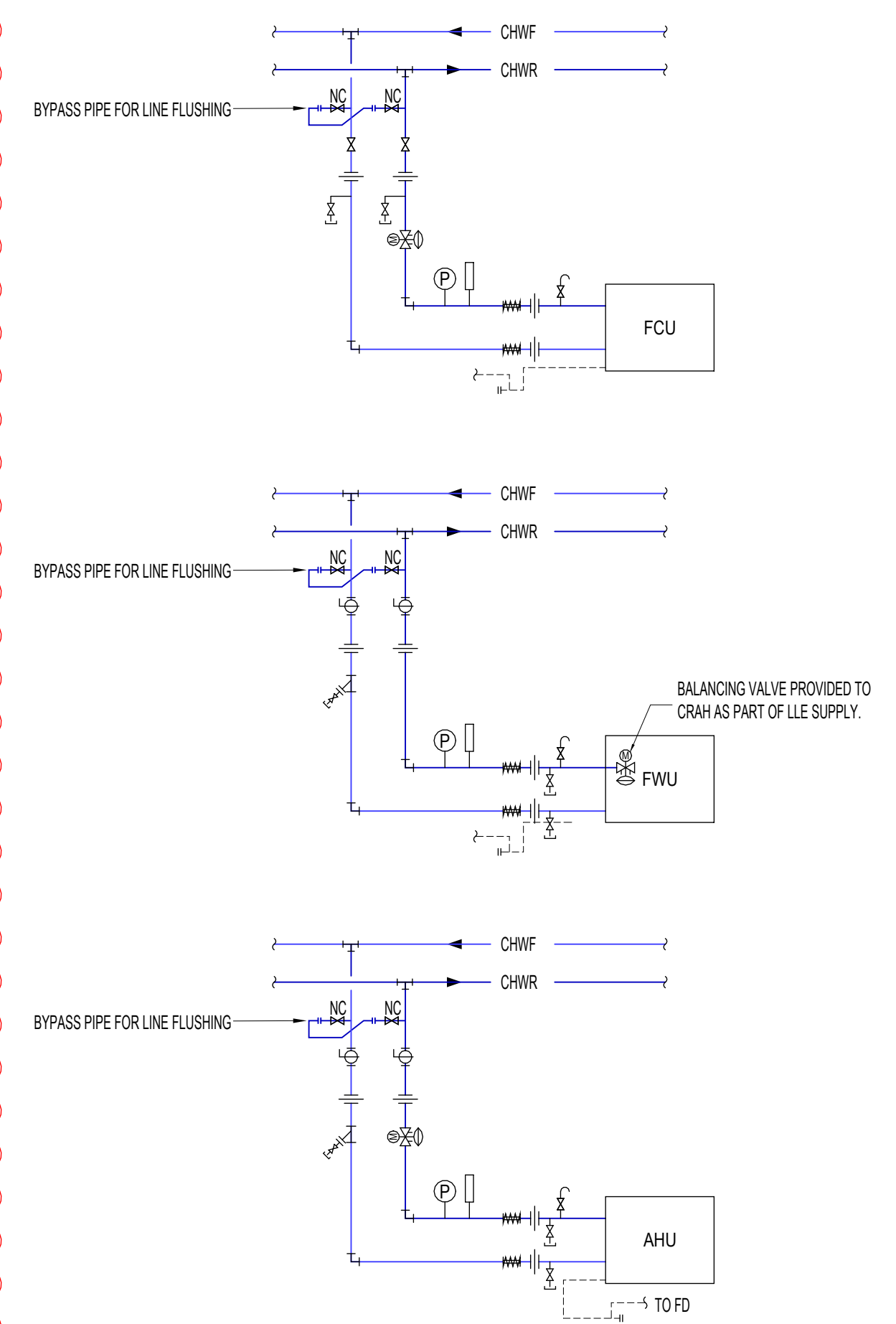
AUR: Please canceled all the purposed check valves and isolation valves by contractor because the system can still maintain concurrently maintainable without the purposed valves



NOTE:

INLINE INSTRUMENTATION SUCH AS TEMPERATURE, FLOW METER AND DP SENSOR ARE SUPPLIED BY ECMS VENDOR, AND INSTALLED BY FIT-OUT CONTRACTOR

ABBREVIATION NOTE:
aTT = HI-ACCURACY TEMPERATURE SENSOR



TYPICAL EQUIPMENT PIPING DETAIL
NTS.

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ภัทรายุส ไวยจรรยา	สย. 9229
ณัชชา เต็กมาภิรักษ์	กย. 64414

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ลิฟต์	वाईเอชพี	วล. 209
ครัวร่วม	เพอร์วานา	ลส. 438
กซาร	มีลอส	กส. 3502
ปั๊มน้ำ	มีประติษฐ์	กส. 3907
รถลาก	ทราเนอ	กส. 4891
หม้อหุง	นิลธิราชยาน	กส. 6968
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เคเบิลทีวี	หมื่นเกษ	พท. 1297
เคเบิลทีวี	ทองอิน	สทท. 6447
ชุดวิทยุคมนาคม	สินโสภา	สทท. 6875
เบญญา	แดงประเสริฐ	กส. 52996

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เกลด	จรงขัยภัก	ลก. 4976
อติวิ	อติวิ	สก. 5005

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เฉลิมชัย	ประยูรโต	ส-สถ 3222

REV	DATE	DESCRIPTION	APP
0	17/10/25	ISSUED FOR CONSTRUCTION	CW
1	07/11/25	RE-ISSUED FOR CONSTRUCTION	CW

SCALE NTS	SIZE A0	CONSTRUCTION ISSUE NOT FOR BMA SUBMISSION
DRAWN SP		APPROVAL DATE 17/10/25
DESIGNED KC		
CHECKED SS		
	SS	

PROJECT
TERRA NORTH
6 STOREY BUILDING
מבנה מגורים 6 קומות
10240 רחוב המדע, תל אביב

DRAWING TITLE
MECHANICAL SERVICES
ACMV PIPING SYSTEM
SCHEMATIC RISERS
SHEET 2

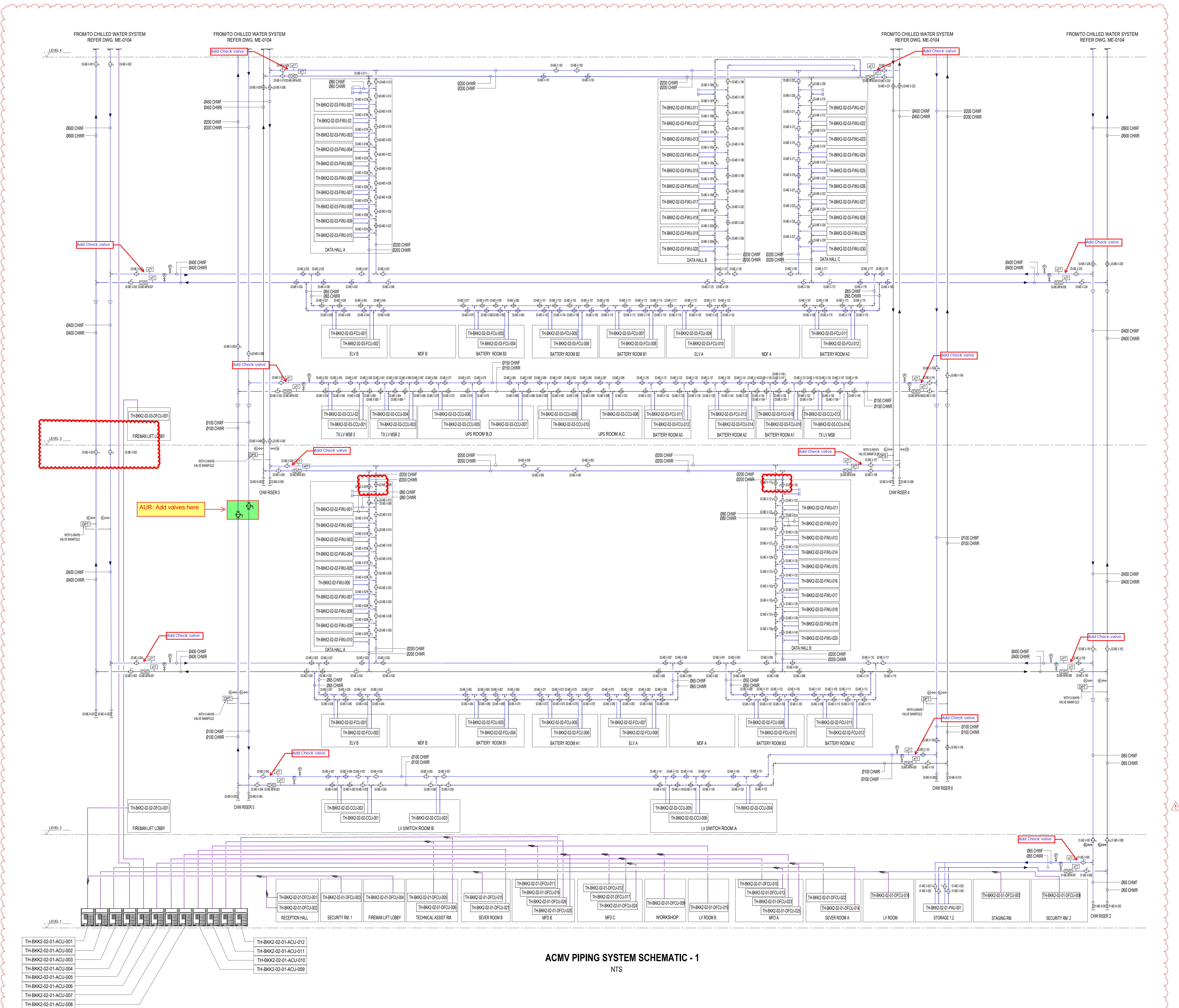
DRAWING NUMBER	
523213 - 02 - DRG - ME-0104	REV • 1

AUR: Please canceled all the purposed check valves and isolation valves by contractor because the system can still maintain concurrently maintainable without the purposed valves

NOTE:

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ACMV PIPING SYSTEM SCHEMATIC - 1
NTS



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ภัทราวุธ ไชจรรยา		สช. 9229
ณัชชา เต็มมาภิรักษ์		ภช. 64414

SANITARY AND FIRE PROTECTION		
พักพิง	มาลิกหน่วย	ว.ล. 209
ตำรวจ	กระทรวงความ	ส.ล. 438
กษัตรา	มณฑล	ก.ล. 3502
ปึกปิ่น	มีประสิทธิ์	ก.ล. 3907
รถคน	ทราบนาน	ก.ล. 4891
พละพาตี	นิมิตวิชานาผล	ก.ล. 6968
ELECTRICAL AND COMMUNICATIONS		
เทอกรู	หวมินทกะระ	ว.ก. 1297
เบร	เบร	ส.ก. 6447
ชุกาญญ	สินโลกา	ส.ก. 6875
เบญญ	แดงปะเตริ	ก.ก. 52996

AIR CONDITIONING AND VENTILATION		
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เกลด	จรงขัยกัจ	สก. 4976
ขลลวัก	ลลลลลลลลล	สก. 5005

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เลขาธิษ	ประยูร โต	ส-สถ 3222

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DRAWN SP		APPROVAL DATE 17/10/25	
DESIGNED KC			
CHECKED SS		SS	

PROJECT	
TERRA NORTH	
6 STOREY BUILDING	
10240 28th Avenue North, Suite 200, Dallas, Texas 75243	
DRAWING TITLE	
MECHANICAL SERVICES	
ACMV PIPING SYSTEM	
SCHEMATIC RISERS	
SHEET 1	
DRAWING NUMBER	
523213 - 02 - DRG - ME-0103	REV • 1