

Remarks:
Pipe sizes for the following CRAH unit:

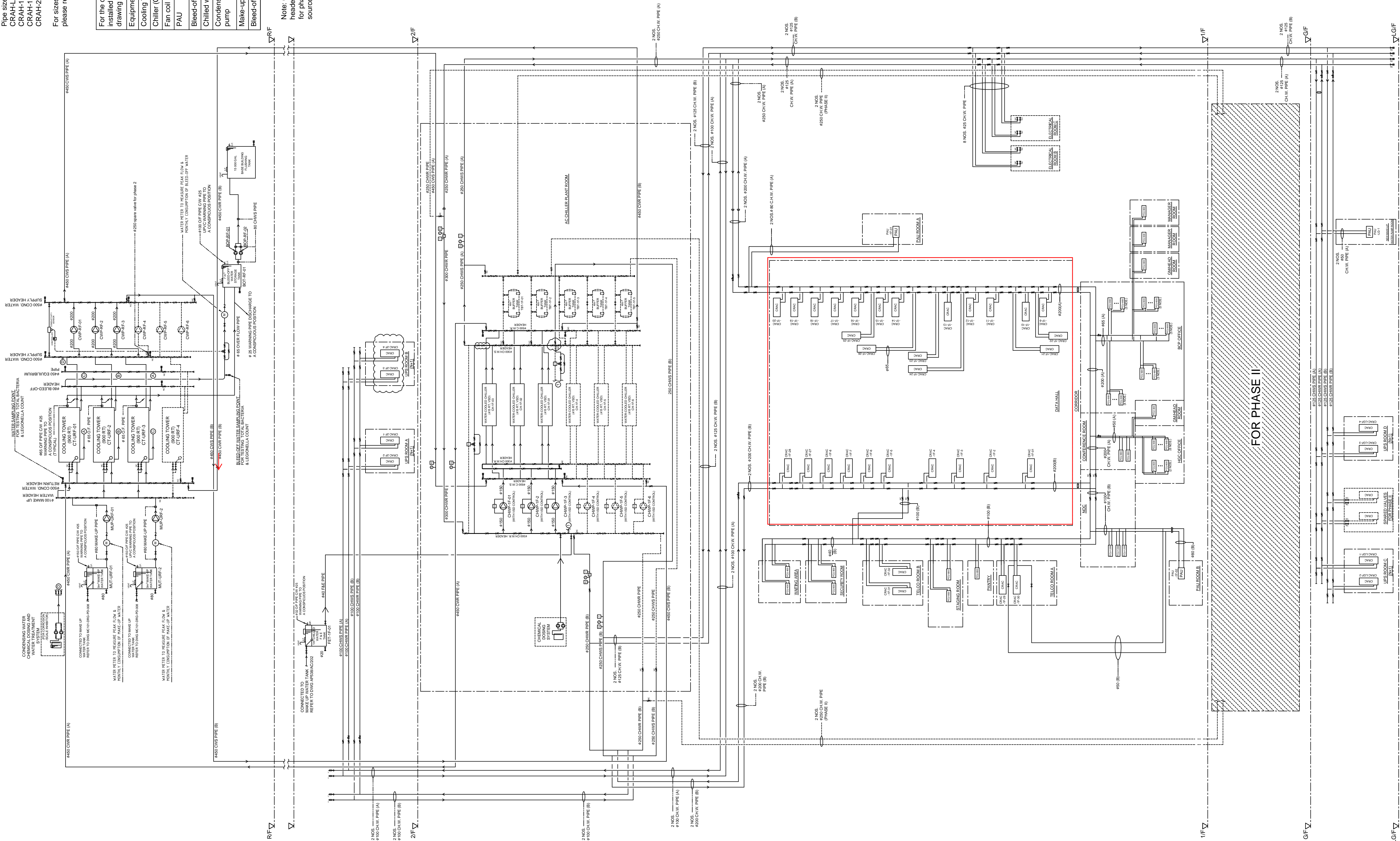
CRAH-LGF-01 to 04 Ø 65
CRAH-1F-01 to 28 Ø 65
CRAH-2F-01 to 32 Ø 80
CRAH-2F-01 to 04 Ø 85

For sizes of ranged pipe which installed for FCUs,
please refer to DWG-MC-101-DRG-AC-313

Equipment	Drawing No.
Cooling tower (CT)	DWG-MC101-DRG-AC-501
Chiller (CH)	DWG-MC101-DRG-AC-501
Fan coil unit (FCU)	DWG-MC101-DRG-AC-501
PAU	DWG-MC101-DRG-AC-501
Bleed-off water pump	DWG-MC101-DRG-AC-502
Chilled water pump	DWG-MC101-DRG-AC-502
Condensing water pump	DWG-MC101-DRG-AC-502
Make-up water pump	DWG-MC101-DRG-AC-502
Bleed-off water pump	DWG-MC101-DRG-AC-503

For the connection details of the following
installed equipment, please refer to the
drawing stated below:

Note: Chilled water pipes branch from the
header which near the NC valve designated
for phase II connection is regarded as B
source and vice versa is the A source.



MVAC WATER SIDE SCHEMATIC (AS-FITTED)

LEGEND:	
CWS:	_____
CWR:	_____
CHWS:	_____
CHWR:	_____
PHASE II SERVICES: (NOT INCLUDED IN THIS CONTRACT)	
Primary Air Unit:	PAU
Fan Coil Unit:	FCU-xxx
CRAH Unit:	CRAH
Butterfly valve:	LV
Gate valve:	GV
Motorized valve:	MV
Check valve:	CV
Regulating valve:	RV
Drain valve:	DV
Differential pressure sensor:	DPS / DPSS
Pressure sensor:	PS
Temperature sensor:	TS
Flow switch:	F
Flow meter:	FM
Auto air vent:	AV
Pump:	P
Water meter:	M
Normally closed:	NC

REV.	DESCRIPTION	DATE	BY
1	SECOND ISSUE	24 JUN 2014	HT
0	FIRST ISSUE	27 DEC 2013	HT



REGISTERED STRUCTURAL ENGINEER
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ARCHITECT AND INTERIOR DESIGNER
FRUIT DESIGN AND BUILD

TRAFFIC CONSULTANT
CTJW CONSULTANTS

AUTHORIZED PERSON
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MAIN CONTRACTOR
newTECH technology
新創科技

NOTES:
1. Drawings not showing the last revisions above are to be cancelled.
2. Use written dimensions or grid lines. Measurements to existing work to be checked on site.
3. This drawing is to be read in conjunction with the Specification & Conditions of Contract.

PROJECT
**HGCGC DATA CENTRE
AT WATSON CENTRE**

DRAWN BY	KEITH WONG	DATE	23 DEC 2013
DESIGNED BY		DATE	
CHECKED BY	JOHNNY CHAN	DATE	23 DEC 2013
APPROVED BY	ALVIN CHONG	DATE	23 DEC 2013

DRAWING TITLE
**MVAC WATER SCHEMATIC
DIAGRAM
(AS FITTED)**

SCALE
N.T.S @ A1

DRAWING NO.	MC101-DRG-MVAC-201	REV.	1
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