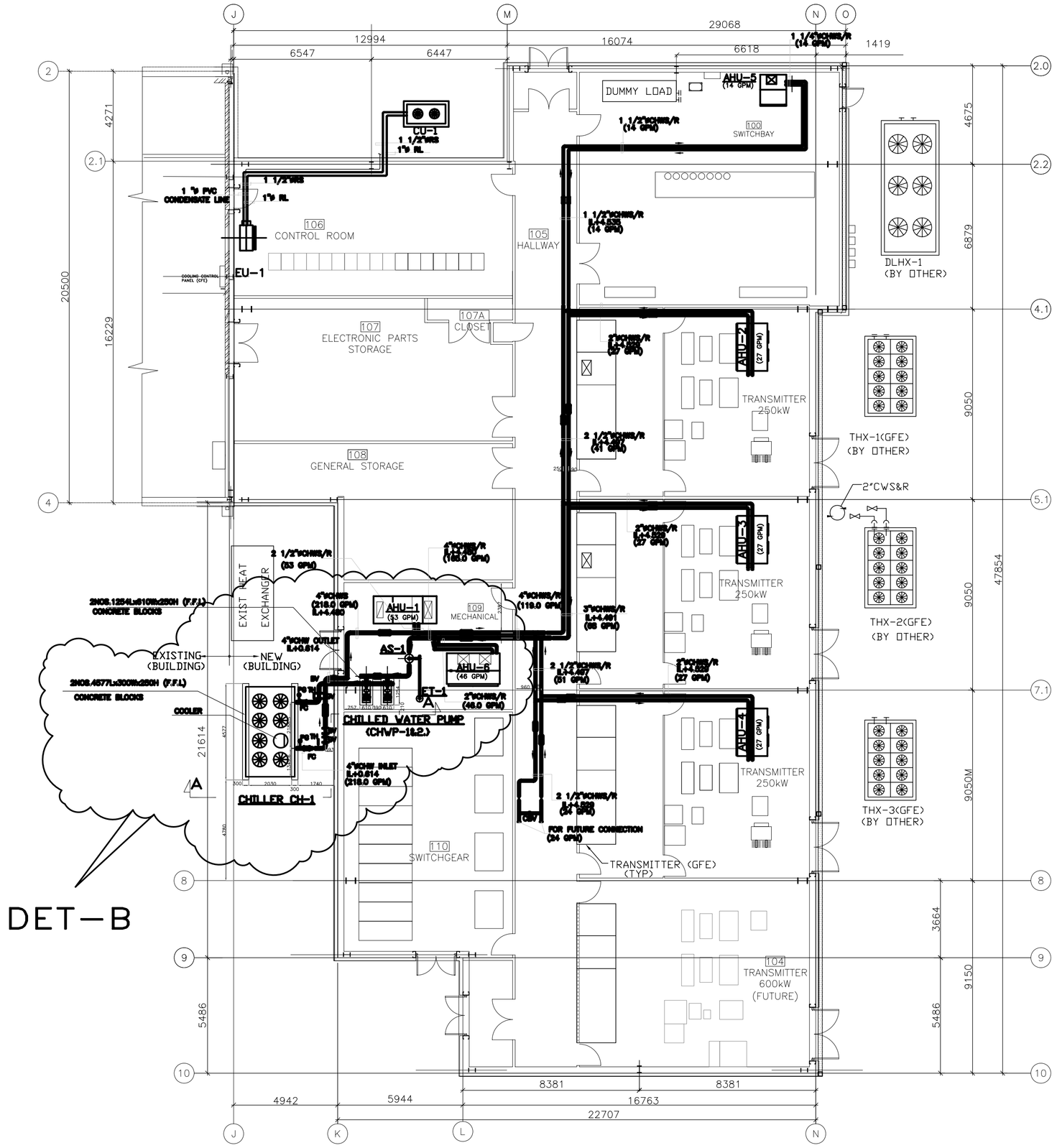
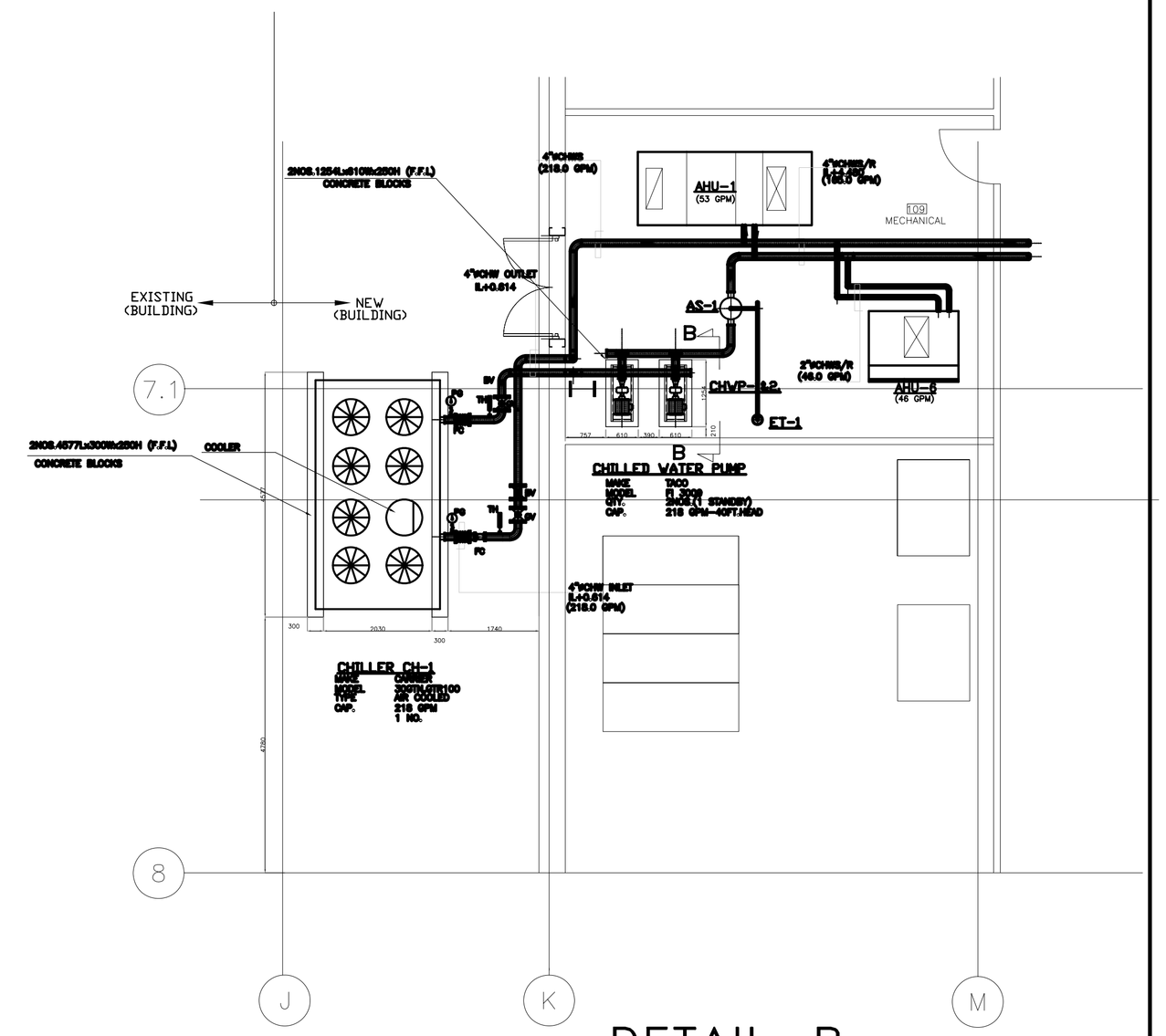
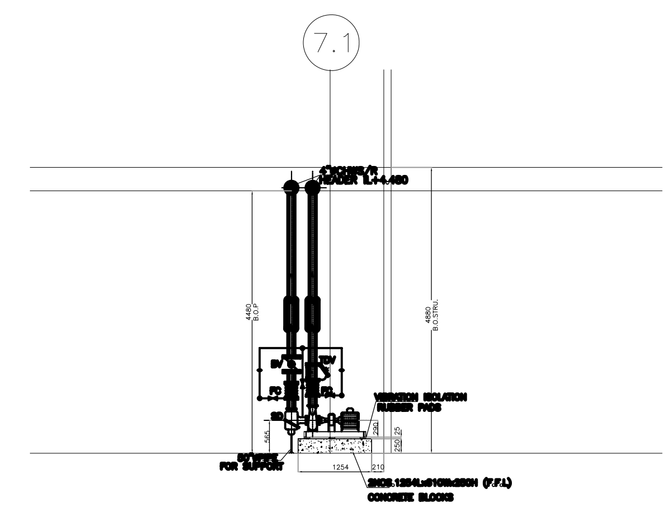


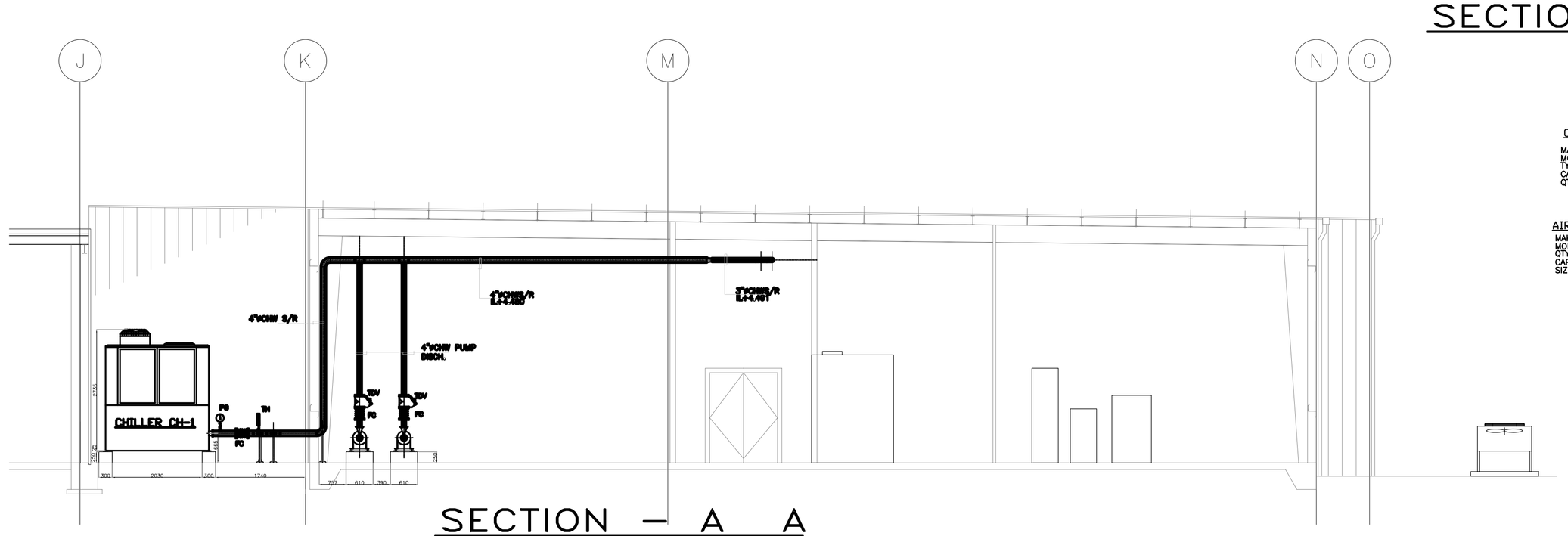
DET–B



DETAIL–B



SECTION – B B



SECTION – A A

CHILLER CH-1

MAKE	CARRIER
MODEL	30GTN.GTR100
TYPE	AIR COOLED
CAP.	218 GPM
QTY.	1 NO.

CHILLED WATER PUMP

MAKE	TACO
MODEL	EL 3009
QTY.	2NOS.(1 STANDBY)
CAP.	218 GPM–40FT.HEAD

AIR SEPARATOR TANK

MAKE	TACO
MODEL	ACAF
QTY.	1NO.
CAP.	330 GPM
SIZE	400Wx912H

EXPANSION TANK

MAKE	TACO
MODEL	PAX–30
QTY.	1NO.
CAP.	8 GPM
SIZE	305Wx648H

LEGEND

FC	FLEXIBLE CONNECTION
BV	BUTTERFLY VALVE
GV	GLOBE VALVE/BALANCING VALVE
TH	THERMOMETER
PG	PRESSURE GAUGE
SD	SUCTION DIFFUSER FOR PUMP
AS	AIR SEPARATOR
ET	EXPANSION TANK
CH	AIR COOLED CHILLER
CW	COOLING WATER
HX	HEAT EXCHANGER
RS	REFRIGERANT SUCTION
RL	REFRIGERANT LIQUID
CHWS	CHILLED WATER SUPPLY
CHWR	CHILLED WATER RETURN
TDV	TRIPLE DUTY VALVE
DWS	DEIONIZED WATER SUPPLY
DWR	DEIONIZED WATER RETURN
THX	TRANSMITTER HEAT EXCHANGER
CBV	CIRCUIT BALANCING VALVE

NOTES:

1. ALL DIMENSSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED
2. ALL LEVELS ARE GIVEN IN METERS AND TO BE READ FROM FINISHERD FLOOR LEVEL
3. PIPING CONNECTION TO TRANSMITTERS BY U.S. GOVERNMENT.
4. PROVIDE INDOOR HEAT EXCHANGERS WITH PROPER SUPPORT AND INSULATION.
5. PROVIDE ALL PIPING HIGH POINTS WITH AUTOMATIC AIR VENT
6. FOR CHILLER,AHU'S AND PUMP CONNECTIONS DETAILS REF.DRG.NO.BMB–AC–02.
7. FOR EQUIPMENT SCHEDULE REF.DRG.NO. BMB–AC–05.

AS BUILT
11–03–04

GRAPHIC SCALE:
0 1m 2m 5m
SCALE: 1:100 (METRIC)

SEAL:

REV.	DESCRIPTIONS	DATE	APPD
0	AS BUILT DRAWING	11–03–04	AFA

REVISIONS

CHECKED BY: AFA
APPROVED BY: AFA

SUB.CONT: Bader Al Mulla & Brothers Co.W.L.L (Engineering Group)
P.O. Box No.177, SAFAT KUWAIT
Tel. 4815077; FAX; 4839725

DRAWN AJS DATE 10/08/03
CHK. BY. AFA
ENGR. AFA

INTERNATIONAL BROADCASTING BUREAU
INTERNATIONAL BROADCASTING BUREAU
ENGINEERING & TECHNICAL OPERATIONS
WASHINGTON, D.C. 20547

PROJECT: SHORTWAVE EXPANSION PROJECT KUWAIT

APPROVALS
PROJ. MANAGER

TITLE: GROUND FLOOR PLAN CHILLED WATER PIPING LAYOUT

IQC No.
TASK No.
PROJ. No. 03NC080
CAD DESIGN FILE NAME: M–101M03.DWG.

DWG. No. ABD–AC–04 | REV. 0 | DWG.REF. M03

SCALE: 1 : 100 | SHEET OF

CAD FILE :- F:\ACMCAD5\VOFA\AC–04