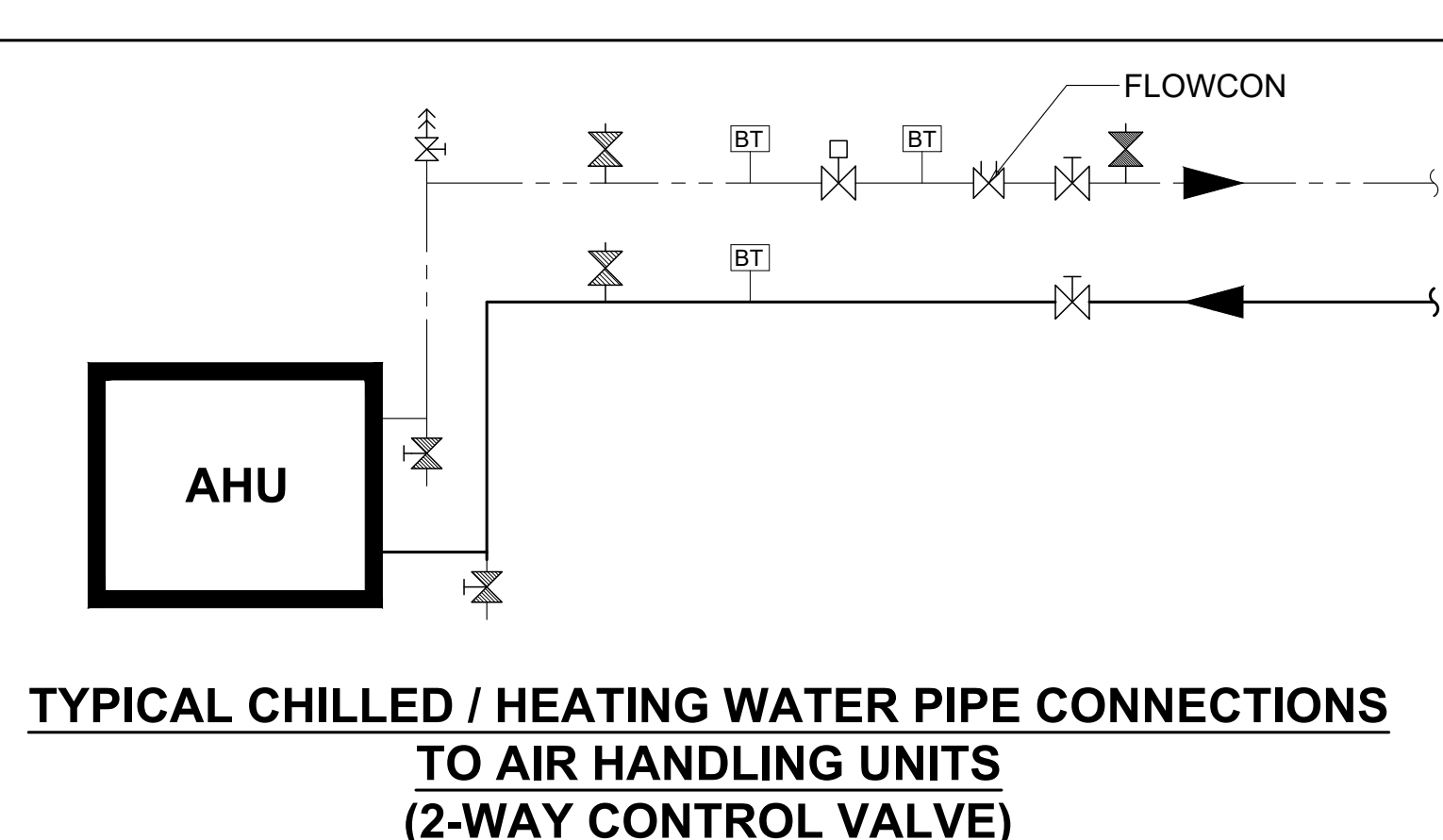


- A/C NOTES:**
- 1) ALL EXPOSED DUCTING TO HAVE MEZZ OR EQUAL FLANGES
 - 2) ALL DUCTING WITH SEMI-PERIMETER >1150mm TO HAVE MEZZ OR EQUAL FLANGE
 - 3) EXPOSED DUCTING TO BE PAINTED IN ACCORDANCE WITH STANDARD QUALITY SPECIFICATIONS
 - 4) ALL SUPPLY & RETURN AIR DUCTING TO BE EXTERNALLY INSULATED WITH 25mm F.R.G. FOIL-FACED FIBREGLASS (UNLESS NOTED OTHERWISE)
 - 5) ALL DUCT PENETRATIONS THROUGH WALLS
15W 25mm HARDWOOD FRAME - BY BUILDER

SYMBOL LEGEND

	ISOLATOR AND ELECTRICAL SUPPLY: 380 VOLT/3-PHASE
	INDICATED DB BOARD
	ELECTRICAL POWER SUPPLY: 220V/SINGLE PHASE
	WALL BOX: 100 X 100 WITH (25 CONDUIT TO PANEL
	OPENING THROUGH WALL: 50mm LARGER THAN DUCT
	OPENING THROUGH WALL: WITH 25mm HARDWOOD FRAME
	DOORS TO BE UNDERCUT BY 25mm
	MAINS WATER SUPPLY: WITH GATE VALVE-SIZE AS NOTED
	DRAIN: NB 100, CONNECTED INTO SEWER SYSTEM
	FIRE RELAY - BY FIRE PROTECTION CONTRACTOR
	STARTER WITH OVERLOAD PROTECTION - BY AIR CONDITIONING CONTRACTOR
	FIRE DAMPER - MOTORISED SPRING RETURN
	UNINSULATED DUCTING
	INTERNALLY INSULATED DUCTING
	EXTERNALLY LAGGED DUCTING
	REMOTE ON/OFF SWITCH - 100 x100 WALL BOX WITH 25mm CONDUIT INTO CEILING VOID
	BMS TEMPERATURE SENSOR
	THERMOSTAT (MASTER DIFFUSER)



PIPING LEGEND:

	BUTTERFLY VALVES
	ISOLATING VALVE
	SAUNDERS VALVE / BALANCING VALVE
	CHECK VALVES
	MOTORISED VALVE
	THREE-WAY VALVE
	FLOWCON VALVE
	FLOW SWITCH - 20
	STRAINER WITH 32 BALL VALVE - DRAIN
	BINDER TEST POINT - 10
	FLEXIBLE COUPLING
	SIGNET FLOW METER - 50
	BMS TEMP POINT - 15
	SUMMIT POINT - 20
	DRAIN POINT - AHU/TS - 20
	CHILLERS - 20
	THERMOMETER WELL ONLY - 20
	WATER TREATMENT SOCKET AND BALL VALVE - 20
	WATER TREATMENT DOSING POT SOCKET AND BALL VALVE - 20
	FLOW CONTROL METER
	DIFFERENTIAL PRESSURE SENSOR
	PRESSURE GAUGE
	kW hr ENERGY METER
	AUTOMATIC AIR VENT
	S/TUBE AND BALL VALVE FOR PRESSURE TEST POINT - 150

GENERAL NOTES:

All boundaries, dimensions and levels are to be checked on site before construction and any discrepancies are to be reported to the Architect.

Partial Service: Any discrepancies with site or other information is to be advised to the Architect and direction or approval is to be sought before the implementation of the detail.

Do not scale this drawing.

For the purpose of coordination, all relevant parties must check this information prior to implementation and report any discrepancies to the Architect.

FOR TENDER

REVISIONS			
NO.	DATE	DESCRIPTION	REV. BY.
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ALL BOUNDARIES, DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BEFORE CONSTRUCTION TO THE ARCHITECT. DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT. PARTIAL SERVICE: ANY DISCREPANCIES WITH SITE OR OTHER INFORMATION IS TO BE ADVISED TO THE ARCHITECT AND DIRECTION OR APPROVAL IS TO BE SOUGHT BEFORE IMPLEMENTATION OF THE DRAWING.			
FOR THE PURPOSE OF COORDINATION, ALL RELEVANT PARTIES MUST CHECK THIS INFORMATION PRIOR TO IMPLEMENTATION AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.			
Mechanical Engineer: Ganny Gonder			
Signature: _____ Date: _____			
LDM Solutions For The Built Environment			
PTA Office: 238 Lang Street, New Maitland Street, Brooklyn, Pretoria 0180 • Tel: (+27) 12 346 8876			
Client: Government Printing Works			
Signature: _____ Date: _____			
PROJECT: ERF 3265, Pretoria Central, Government Printing Works			
ADDRESS: 379 Schubart St, Pretoria Central, Pretoria, 0002, RSA			
DRAWING TITLE: SECOND FLOOR AIRCONDITIONING & VENTILATION LAYOUT			
BUILDING CLASSIFICATION: G1		CLIMATIC ZONE: 2	
Paper Size: A0		SCALE: 1:50	
Drawn: LM	Checked: GG	DATE: 11/12/2017	DATE: 11/12/2017
PROJECT No: GP/17-006			REVISION: T0
DRAWING No: M-1003			