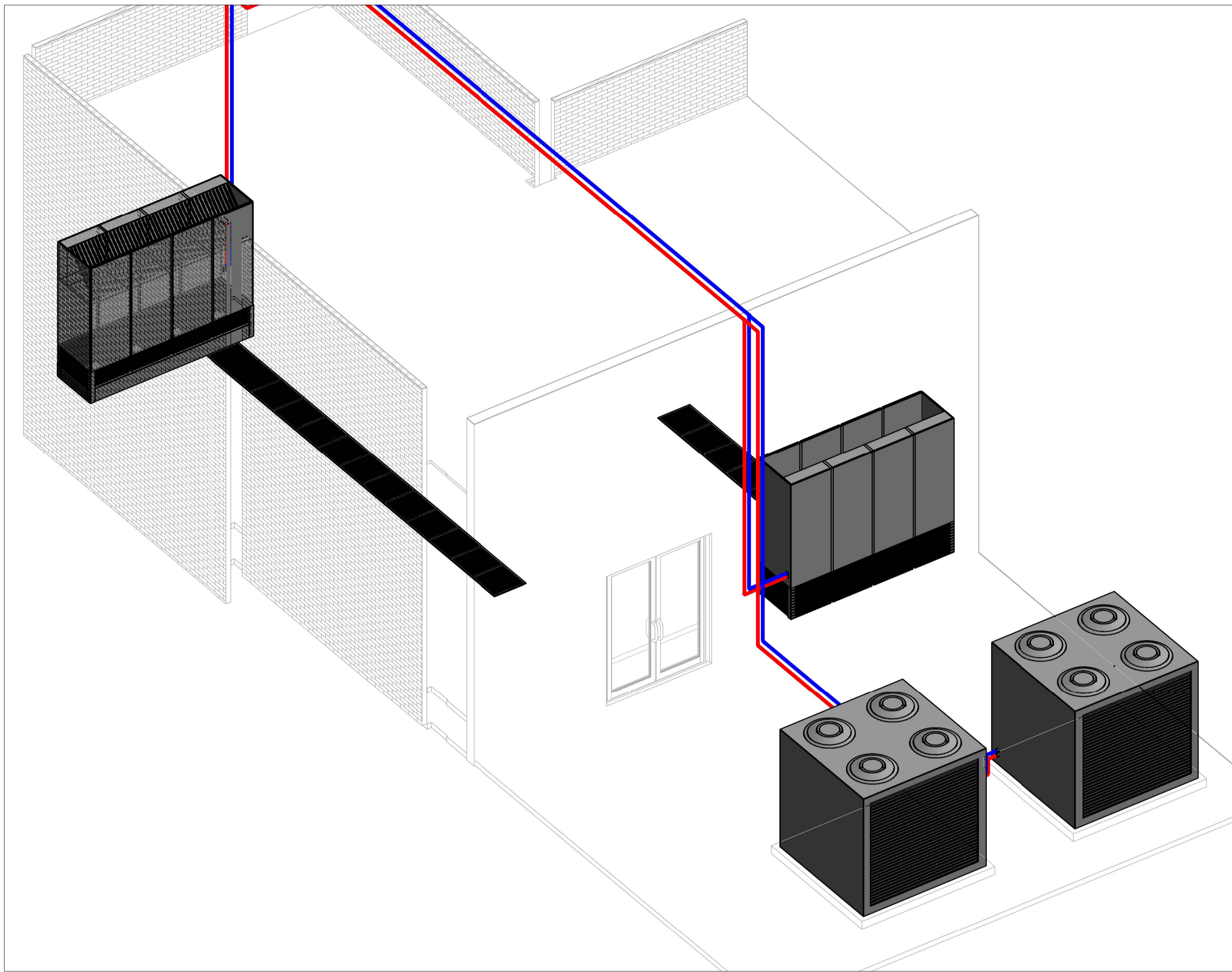
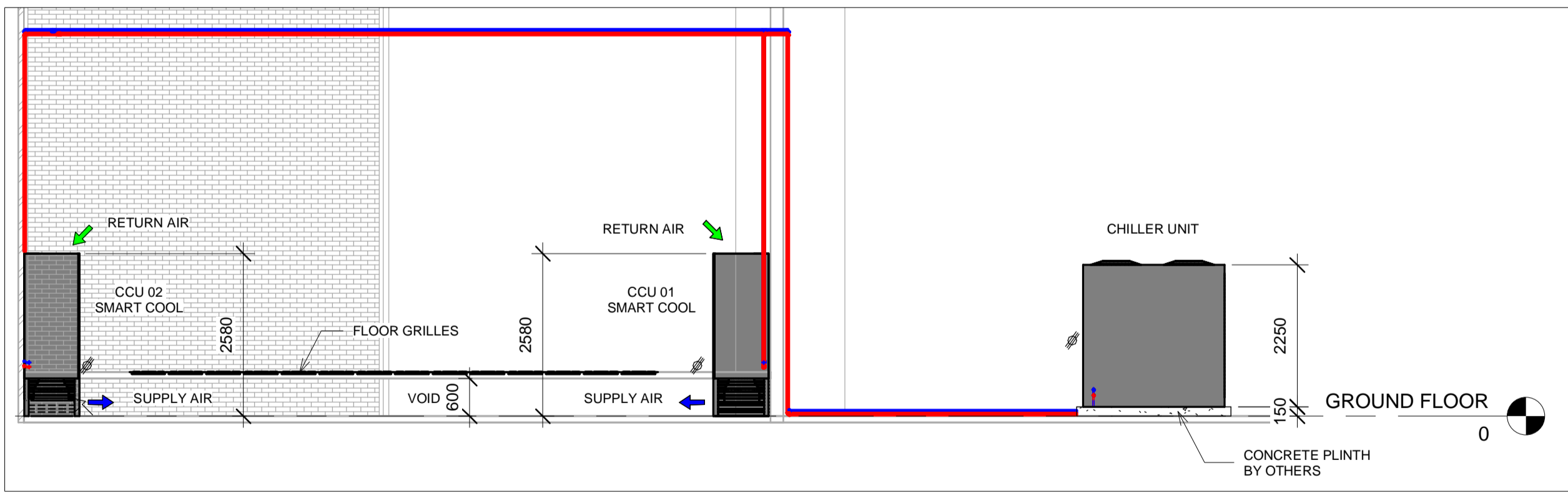


## Ground Floor HVAC Layout



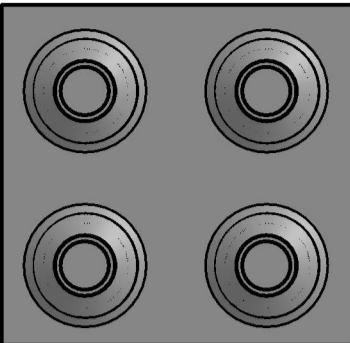
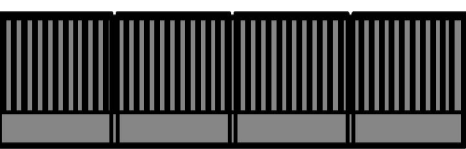



② {3D}



## SECTION 1

EQUIPMENT SCHEDULE : DATA CENTRE										
UNIT NO.	QTY	UNIT TYPE	UNIT MAKE	CAPACITY	FLOW (l/s)	INPUT POWER/ UNIT		WEIGHT (KG)		DIMENSIONS (L x W x H)
						Rated	Voltage	Indoor	Outdoor	
CH1	1	AIR COOLED CHILLER	TRANE/ EQUALLY APPROVED	250kW	-	93.13 kW	400V/3Ph/50Hz	-		-
CH2	1	AIR COOLED CHILLER	TRANE/ EQUALLY APPROVED	250kW	-	93.13 kW	400V/3Ph/50Hz	-		-
CCU1	1	CLOSE CONTROL UNIT	HC/ EQUALLY APPROVED	112kW	17500	15 kW	400V/3Ph/50Hz		-	3100 x 890 x 1980
CCU2	1	CLOSE CONTROL UNIT	HC/ EQUALLY APPROVED	112kW	17500	15 kW	400V/3Ph/50Hz		-	3100 x 890 x 1980

	600x600 FLOOR GRILLE
	COMPUTER RACKS
	CHILLER UNIT
	CLOSE CONTROL UNIT
	POWER ISOLATOR 400V/3PH/50Hz

D	14.06.2022	ISSUED FOR INFORMATION	SIX
C	30.05.2022	ISSUED FOR INFORMATION	SIX
B	20.05.2022	ISSUED FOR INFORMATION	SIX
A	11.04.2022	ISSUED FOR INFORMATION	SIX
REV	DATE	DESCRIPTION	DRAWN

**CONSULTANT:**



**CONSULTING ENGINEERS (PTY) LTD.**

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EMAIL: [info@mmtce.co.za](mailto:info@mmtce.co.za)

DISCIPLINE: HEATING VENTILATION AND AIR CONDITIONING (HVAC)

PROJECT:

SENTECH DATA CENTRE - NASREC

DRAWING DESCRIPTION:		
DESIGN: N.M		DRAWN: S.I.X
CHECKED: N.M	APPROVED: N.M	
SCALE: As shown	DATE: MAY 2020	
CAD SYSTEM: Revit	FILE No:	2222
PROJECT No:	DRAWING No:	
		REV:
2121	2204-ST-ME-001-02	D