

	< <	
		_ 7
s -	XX	
	ri m	

	C/W	COMPLETE	WITH
<u></u>	VE TYPE	LINE TYPE LEGEND:	
			CONDENSATE DRAIN PIPE
			REFRIGERATION PIPE
			CENTRE LINE
			FLEXIBLE DUCT
			ELECTRICAL CABLE
			TENDER
R	REV No	DATE:	DESCRIPTION:
	>	22.11.2021	ISSUED FOR CLIENT'S APPROVAL
	₿	11.02.2022	ISSUED FOR TENDER
T &		SIZE	E ON ORIGINAL DRAWING 100 mm —————
	CLIENT LOGO	LOGO	
	_	7	
m			university of south africa
		_	UNIVERSITY OF SOUTH AFRICA FLORIDA CAMPUS
			28 PIONEER STREET, FLORIDA PARK, ROODEPOORT
<u>7 T</u>			PROJECT DETAILS
		UNIVE	UNIVERSITY OF SOUTH AFRICA
		TSWFI (	TSWELOPELE BUILDING (BLOCK 'E')

A1 TCE-1167-M-TD-AC-003 B
SIZE DRAWING NUMBER REV
Telephone: 011 475 4560 Thembakele Facsimile: 011 475 9140 CONSULTING ENGINEERS (PTY) LTD
INIT 6, GARDENS BU ATELJEE STREET RANDPARK RIDGE, 2 Veb address: www.tl
DATE NAME SIGNATURE PR NUMBER  11.02.2022 VINAY RAMSUNDARA 2018300310
mm KO
DESIGNED BY DRAWN BY CHECKED BY
FIRST FLOOR HVAC LAYOUT
MECHANICAL
<u>ˈ</u> ⇒        -
CONTRACT No  TCF 1167
TSWELOPELE BUILDING (BLOCK 'E') HEATING, VENTILATION & AIR CONDITIONING
UNIVERSITY OF SOUTH AFRICA
UNIVERSITY OF SOUTH AFRICA FLORIDA CAMPUS 28 PIONEER STREET, FLORIDA PARK, ROODEPOORT
of south africa
SIZE ON ORIGINAL DRAWING 100 mm
A 22.11.2021 ISSUED FOR CLIENT'S APPROVAL  B 11.02.2022 ISSUED FOR TENDER
REV NO DATE: DESCRIPTION:
FLEXIBLE DUCT
REFRIGERATION PIPE  CENTRE LINE
c/w COMPLETE WITH
TRF TRANSFORMATION OF DUCT  WMS WIRE MESH SCREEN
MOS MEASURE ON SITE  NTS NOT TO SCALE
TG TRANSFER GRILLE  WL WEATHER LOUVRE
DG DOOR GRILLE EAD / G EXTRACT AIR DIFFUSER OR GRILLE
CONDUIT AND 4x4 BOX IN WALL ) - BY ELECTRICIAN AND BUILDER )  ABBREVIATIONS:
DOOR TO BE UN
WITHIN ONE METER OF EQUIPMENT - BY ELECTRICIAN.  230V / 1PH / 50HZ POWER SUPPLY TERMINATING IN ISOLATOR  WITHIN ONE METER OF EQUIPMENT - BY ELECTRICIAN.
::
<ol> <li>ALL OPENINGS TO BE 100mm BIGGER THAN DUCT SIZES SHOWN (BUILDER TO MAKE GOOD AFTER DUCTS ARE INSTALLED).</li> <li>ALL OPENINGS TO BE 50mm BIGGER THAN GRILLE SIZES SHOWN WHICH INCLUDES A 25mm THK. TIMBER FRAME ALL AROUND OPENING - BY BUILDER.</li> <li>SLEEVES IN WALLS, SLABS &amp; BEAMS (SIZE SHOWN ON DRAWING) (BUILDER TO MAKE GOOD AFTER DUCTS ARE INSTALLED).</li> </ol>
OVER 0500mm TO HAVE A RADIUS OF 300 DUCT SHOES TO BE 150mm LONG @ 45°. SPIGOTS TO BE 100mm LONG, UNLESS OT
JOINTS, AND DUCTS ABOVE: ALL BENDS TO HAVE INTERN OTHERWISE SPECIFIED. ALL ROUND DUCT BENDS UP OVER OFFORM TO HAVE A BA
TO BE EXTERNALLY INSULATED NIESS OTHERWISE SPECIFIED. TS TO BE UNINSULATED, UNLES UCTS TO BE PAINTED TO SPECIFIED TO SPECIFIED TO SPECIFIED TO SPECIFIED TO SPECIFIED TO SPECIFIED TO SEMI-PERIMETER OF 1150mm (
HVAC NOTES:  1. THIS DRAWING FORMS PART OF THE SPECIFICATION AND MUST BE READ IN CONJUNCTION WITH THE SAME.  2. ALL DUCTWORK TO BE MANUFACTURED IN ACCORDANCE WITH ABS-1238-1979 LOW VELOCITY DUCT STANDARDS.  3. ALL DUCT SIZES SHOWN ARE ACTUAL SHEETMETAL SIZES.
<ul> <li>ALL WORK TO COMPLY TO LOCAL MUNICIPAL BY: LAWS.</li> <li>HVAC SUB-CONTRACTOR IS RESPONSIBLE TO ENSURE ALL CO-ORDINATION.</li> <li>CORRECT DIMENSIONING OF DRAWNINGS IS DONE WITH ALL OTHER RESPECTIVE CONTRACTORS PRIOR TO PROCUREMENT &amp; INSTALLATION.</li> <li>QUALITY MUST BE ADHERED TO ALL STANDARDS AS PER TENDER SPECIFICATIONS</li> </ul>
SENERAL NOTES: ALL DIMENSIONS TO BE CHECKED ON SITE B HAND.
BRAND NAMES DENOTE SIMILAR &/OR EQUALY APPROVED.  ALL WORK TO BE IN ACCORDANCE TO N.R.B.  REPORT DISCREPANCIES TO ARCHITECT OR ENGINEER.
ALL DIMENSIONS AND HEIGHTS ARE TO BE CHECKED ON SITE BEFORE WORK IS PUT IN HAND.  ALL WORK AND MATERIAL ARE TO COMPLY TO RELEVENT SABS CODES WHERE APPLICABLE.

0.085

0.085

0.085