



THE CONTRACTOR TO RE-USE
EXISTING EQUIPMENT AND
EXISTING DUCT OPENING FIRST

EQUIPMENT SCHEDULE

AC		
ITEM	QUANTITY	DESCRIPTION
SADV1	2	Ø200 Brian Ricard variable volume ceiling diffuser complete with controller and 1 kW electric heater
SADV2	4	Ø250 Brian Ricard variable volume ceiling diffuser complete with controller and 15 kW electric heater
SADV3	3	Ø150 Brian Ricard variable volume ceiling diffuser complete with controller and 0.5 kW electric heater
SADV4	2	Ø300 Brian Ricard variable volume ceiling diffuser complete with controller and 2 kW electric heater
RAG1	27	595x595 Aluminium Return air grille Type RA + OBD

NEW EQUIPMENT ONLY

- Existing Diffuser that has not been affected by space planning, but could be moved due to new ceiling
- New and Existing Diffusers that has been affected by space planning, and should re-position as per drawing
- Existing ducting

LEGEND

- 220V/15amp power supply + isolator adjacent to condensing units or equipment by electrical contractor
- 380V/3ph/50 cycle power supply + isolator adjacent to our equipment by electrical contractor
- Remote controller for motorised diffusers
- Digital thermometer mounted to underside ceiling
- Humidity sensor
- Controller
- Averaging sensor
- Motorised damper - Normally open
- Controllers @ 1800mm above floor level.
- Electrical panel

AKZO NOBEL - INTERPON D -MATT
ANP 391006-WHITE ALUMINIUM-4/5/00

NOTES

- All supply air and return air ductwork to be externally lagged, except where otherwise noted.
- All extract air ductwork to be uninsulated
- All openings passing thru external wall to be fitted with burglar bars. Burglar bars to be dia 15 @ max 125mm ctrs horizontally and vertically. Bars to be welded on 50x50x5mm flat bar frame all round. Hot dipped galv after manufacture.
- All condensing units to be to quorum treated and test-fired.
- Suction lines to be insulated with armalex insulation.
- All internal and exposed refrigeration pipework to run in a straight line in trunking.
- All refrigeration pipework not in trunking to run in cable tray.
- All external cable trays to be stainless steel
- All internal cable trays to be galvanised.
- All starters if required to be provided by a/c contractor.
- All mild steel brackets and hangers to be hot dipped galvanised after manufacture.
- All electrical cabling to smoke extract fans to be in accordance with fire regulations.

NUMBER REFERENCE DRAWING

REV	DATE	REVISION	BY	CHK	SECTION LEADER
T		ISSUED FOR TENDER			
PROJECT MANAGER	LEAD ENGINEER	MECH. ENGINEER	MINING ENGINEER		
DATE	DATE	DATE	DATE		
CIVIL ENGINEER	STRUCT. ENGINEER	ELECTRICAL ENGINEER			
DATE	DATE	DATE			
APPROVED BY PR. ENG. / PR. TECH			CLIENT APPROVAL		
NAME		NAME			
SIGNATURE		SIGNATURE			
REG No		DESIGNATION			
DATE		DATE			
THE DESIGN REFLECTED ON THIS DRAWING IS PROJECT & APPLICATION SPECIFIC. CONSTRUCTION SUPERVISION IS REQUIRED.					

AFRILECTICAL DRAWING NUMBER
CEF01-MECHANICAL-00-I-0003

UNLESS THIS DRAWING/LATEST REVISION HAS BEEN CHECKED, APPROVED AND SIGNED, IT MUST NOT BE USED FOR PURCHASING OR CONSTRUCTION PURPOSES



CENTRAL ENERGY FUND
SPACE PLANNING

AIR CONDITIONING AND VENTILATION
SECOND FLOOR LAYOUT

DRAWN	Kharibe	DATE	07.07.19	CHECKED		SECTION LEADER	
SHEET	SCALE	JOB NO		DRAWING NUMBER		REV	
A0	1:75	CEF01		CEF-00-0000		T	