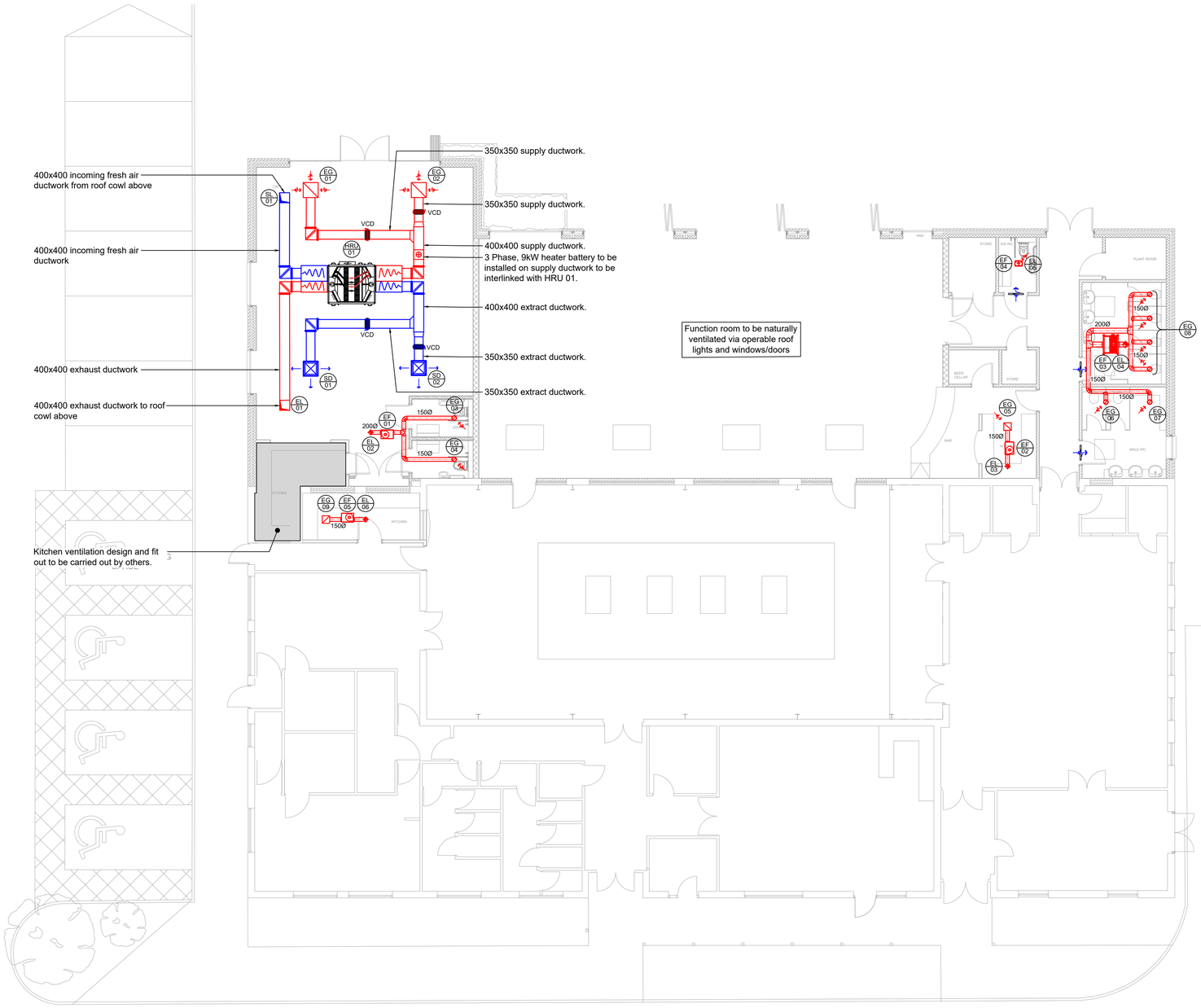

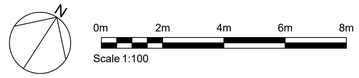

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All dimensions are to be checked and verified on-site by the Main Contractor prior to commencement; any discrepancies are to be reported to the Contract Administrator.

This drawing is to be read in conjunction with all other relevant drawings and specifications

Do Not Scale

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11. All builders work associated with the mechanical and electrical services installation must be included for.
12. Contractor to review site Asbestos register prior to commencing works.
13. All necessary decommissioning, isolation, draining down, refilling and water treatment etc associated with the existing heating and domestic water systems in order to facilitate the works shall be included for.
14. Stripping out and alterations to domestic water services shall not leave any dead legs on pipe work, however short.
15. All pipe work located within ceiling/roof/service volds, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
16. All supply and extract ductwork located within ceiling/roof/service voids, ducts, enclosures, plant rooms, or externally shall be insulated in accordance with the mechanical services specification.
17. All pipe work/ductwork services located externally shall also be waterproofed in addition to being fitted with thermal insulation.

Grille & Louvre Schedule (as manufactured by Gilberts Grilles)

Ref	Room Name	Model Type	Required flow rate (m^3/s)	Grille size(mm)
SD01	Cafe	DGA4 4-Way Blow	0.30	600 x 600
SD02	Cafe	DGA4 4-Way Blow	0.30	600 x 600
EG01	Cafe	DGA4 4-Way Blow	0.30	600 x 600
EG02	Cafe	DGA4 4-Way Blow	0.30	600 x 600
EG03	Cafe WC	SX-125	0.015	148 Ø
EG04	Cafe WC	SX-125	0.015	148 Ø
EG05	Bar/Kitchen	GEC Egg crate grille	0.06	200 x 200
EG06	Male WC	SX-125	0.03	148 Ø
EG07	Male WC	SX-125	0.03	148 Ø
EG08	Female WC	SX-125	0.015	148 Ø
EG09	Kitchen	GEC Egg crate grille	0.06	200 x 200
SL01	Cafe		0.6	
EL01	Cafe		0.6	
EL02	Cafe WC's		0.03	
EL03	Bar Kitchen		0.06	
EL04	Male/Female WC's		0.120	
EL05	DWC's		0.015	
EL06	Kitchen		0.06	

Legend.

Minimum of 10mm undercut to be provided to allow for make up air

HRU & Fan Schedule

Ref	Control Strategy	Area Served	Make / Model	Unit Description	Design Volume (m^3/s)	Electrical Information Full Load Current (A)	Weight (kg)	Selected Ancillaries
HRU 01	1 x ES-LCD - Ecosmart LCD Touch Screen User Control (White) 1 x ES-CO2RM PP - Ecosmart Surface Mounted CO2 Sensor with AX Power Supply	Cafe	Nuaire, XBC65-H-NES	Mechanical Ventilation Heat Recovery Unit, Refer to Detail A for dimension details	0.6	6A 1Ph	476kg (unit)	2 x XBC65-HS-MS10 - Double-skinned Silencer, Supply or Discharge side, 1050mm length 2 x XBC65-HE-MS10 - Double-skinned Silencer, Extract or Intake side, 1050mm length
EF 01	Constant Trickle - PIR Boost	Cafe WC's	Nuaire, MEVDC 2	Ceiling Void Mounted Multi Point Extract Fan	0.03	0.38A 1Ph	5	
EF 02	Constant Trickle - manual Boost	Bar/Kitchen	Nuaire, MEVDC 2	Ceiling Void Mounted Multi Point Extract Fan	0.06	0.38A 1Ph	5	
EF 03	Constant Trickle - PIR Boost	Male/Female WC's	Nuaire, DE2-ES	Ceiling Void Mounted Double Extract Fan	0.055	0.75A 1Ph	25	
EF 04	Constant Trickle - PIR Boost	DWC	Nuaire, OPUS60 - ESF	Recessed Ceiling Mounted Extract Fan	0.015	0.32A 1Ph	3.2	1 x Recess Mounting Kit
EF 05	Constant Trickle - manual Boost	Bar/Kitchen	Nuaire, MEVDC 2	Ceiling Void Mounted Multi Point Extract Fan	0.06	0.38A 1Ph	5	

Rev	Description	Date	Chk	Apr
T1	Tender Issue.	18/11/19	AS	ABr

Project No:	Scale @ A1:	Drawn By:
111712	As Indicated	IR

Ingleton Wood

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Vision, form and function

Project:
Princes Risborough Phase 1
Stratton Road
Princes Risborough
HP27 9AX

Client:
Princes Risborough District Council

Title:
Ground Floor.
Ventilation Layout.

Drawing Number:
111712-IWD-XX-00-DR-M-4250

Status:	Purpose of Issue:	Revision:
D2	Tender	T1