## PROPOSED INDICATIVE VENTILATION CHANGES Project: Environment Agency, Leeds DRG Ref: M04 First Floor Plan Scale: NTS NEW Supply ductwork NEW Supply ductwork to D111 connect to existing ductwork offices **NEW Ceiling Void Passive** Heat Recovery Unit (HRU01) to Offices utilise existing NEW Supply ductwork to ductwork to/from outside. D124. Route to be D113 ø Indicative Flow Rate: 72.0 determined on site D124 litres/sec D122 D112 Existing 750mmH x Ø 750mmW supply ductwork NEW Supply ductwork to Lab drop from SF Plantroom split Office both ways 750mmW x D115 400mmH D117 Existing Ground Floor LTHW Duct Heating Coil to be D116 stripped out and ductwork D117 D121 section replaced Existing Supply ductwork in Lift 싢 D105 ceiling void to be retained area D108) D104 Ø ø Ø Existing Supply ductwork in D107A ήİή ceiling void to be retained Ö D1Q2 D103 D101 D110 **¤**D107 **¤** b Existing Supply ductwork in Existing supply ductwork ceiling void to be retained drop to ground floor Existing First Floor LTHW Duct Heating Coil to be stripped out and ductwork **KEY** section replaced **Existing Extract Ductwork retained (indicative only) Existing Supply Ductwork retained (indicative only)** Strip Out Works (indicative only) **NEW Extract Ductwork retained (indicative only)** NEW Supply & Extract **NEW Supply Ductwork retained (indicative only)** Fans in Ceiling void Existing Supply Grille to be replaced with NEW 4 controlled by Air Quality Way Diffuser c/w OBD (indicative only) Sensor & User override switch. Indicative Flow **Existing Extract Grille to be replaced with NEW** Eggcrate Grille c/w OBD (indicative only) Rate: 72.0 litres/sec. Typical Units ACM200 **NEW 4 Way Diffuser (indicative only) NEW Passive Heat** Recovery Unit in ceiling void to serve D114 **NEW Eggcrate Grille (indicative only)** D117A offices. Typical Unit Vent Axia HR500DP NEW Supply ductwork to internal office D117A NEW **PASSIVE NEW Supply & Extract** HRU01 ductwork to internal office D114 **Proposed FF Heat Recovery Unit** NEW Supply & Extract D117 **HRU01 Indicative Ventilation** ductwork to internal office D117 **Schematic** Utilise Existing ductwork from stripped out extract fan to atmosphere