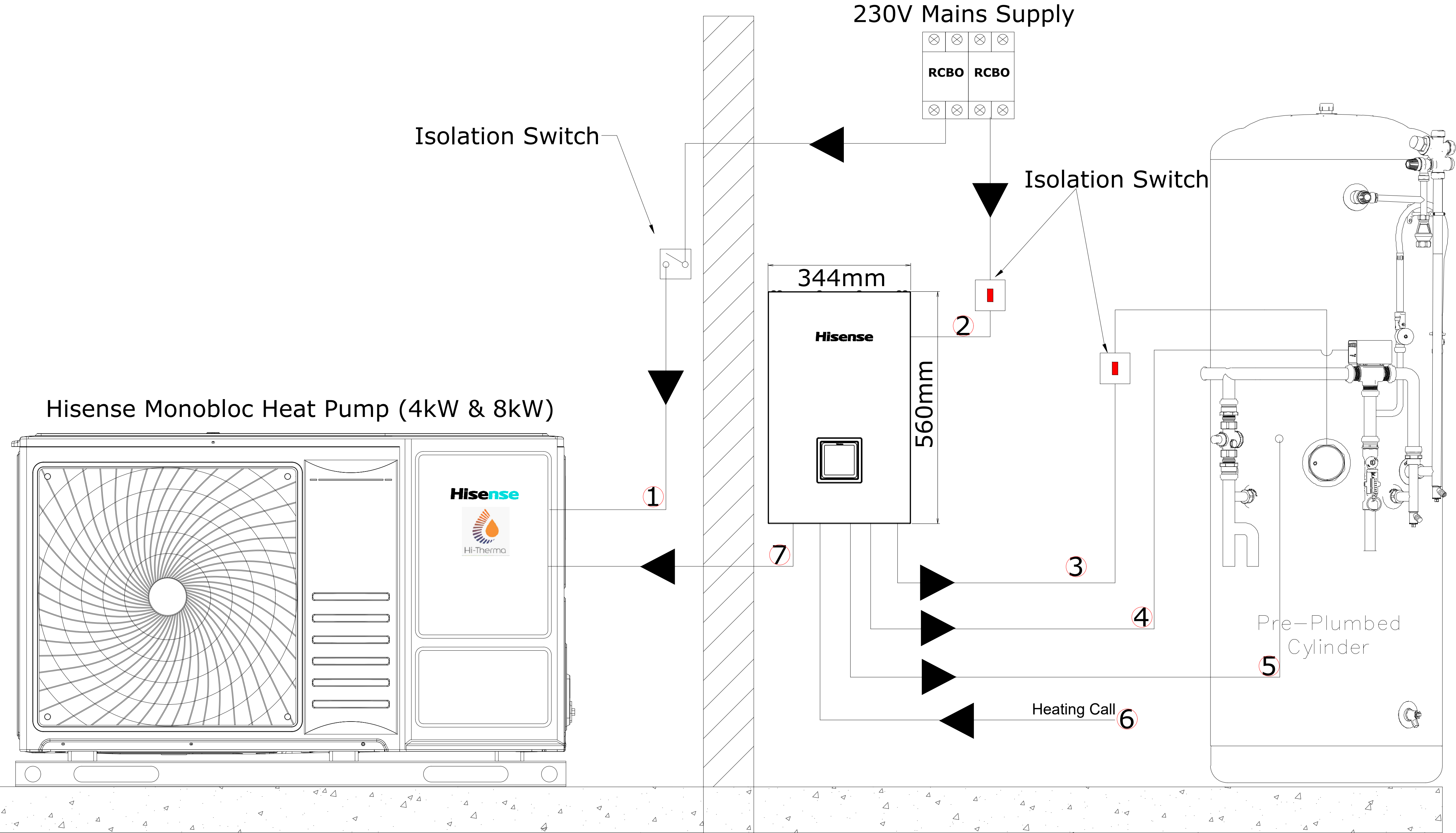




Notes:

Cable List for air to water heatpump			
	Description	Required Number of Conductors	Cable Size
1	Mains Power Supply to Outdoor Unit (230V AC)	2 + Earth	3 x 6sq
2	Mirror-Box Power Supply (230V)	2 + Earth	3 x 2.5sq
3	Immersion Cable (230V AC)	2 + Earth	3 x 2.5sq
4	Three-Port Valve Cable (230V AC)	2 + Earth	3 x 1.5sq
5	Cylinder Sensor Cable (12V DC)	2	2 x 0.75sq
6	Heating Call To Heat Pump (From Internal Thermostats)	2 + Earth (Brown, Brown)	3 x 1.5sq
7	Communication Cable, Mirror-Box To Heat Pump	2	2 x 0.75sq (Shielded)

1. Recommended Fuse Size for Heat Pump Outdoor Unit is C32^a
2. The RCBO for the Heat Pump Unit Should be rated for DC Current, To Avoid Nuisance Tripping

T	For Tender	RY	24.04.25
REV:	DESCRIPTION:	BY:	DATE:
STATUS:			



CBS Consulting Engineers

MECHANICAL & ELECTRICAL ENGINEERS



Limerick
CITY & COUNTY
COUNCIL

SITE: Residential Development at 58 Mayorstone, Limerick			
TITLE: Heat Pump Electrical Wiring Schematic			
SCALE: AT A1: NTS	DATE: 24.04.25	DRAWN: RY	CHECKED: RY
PROJECT NO:	DRAWING NO: E701	REVISION: T	