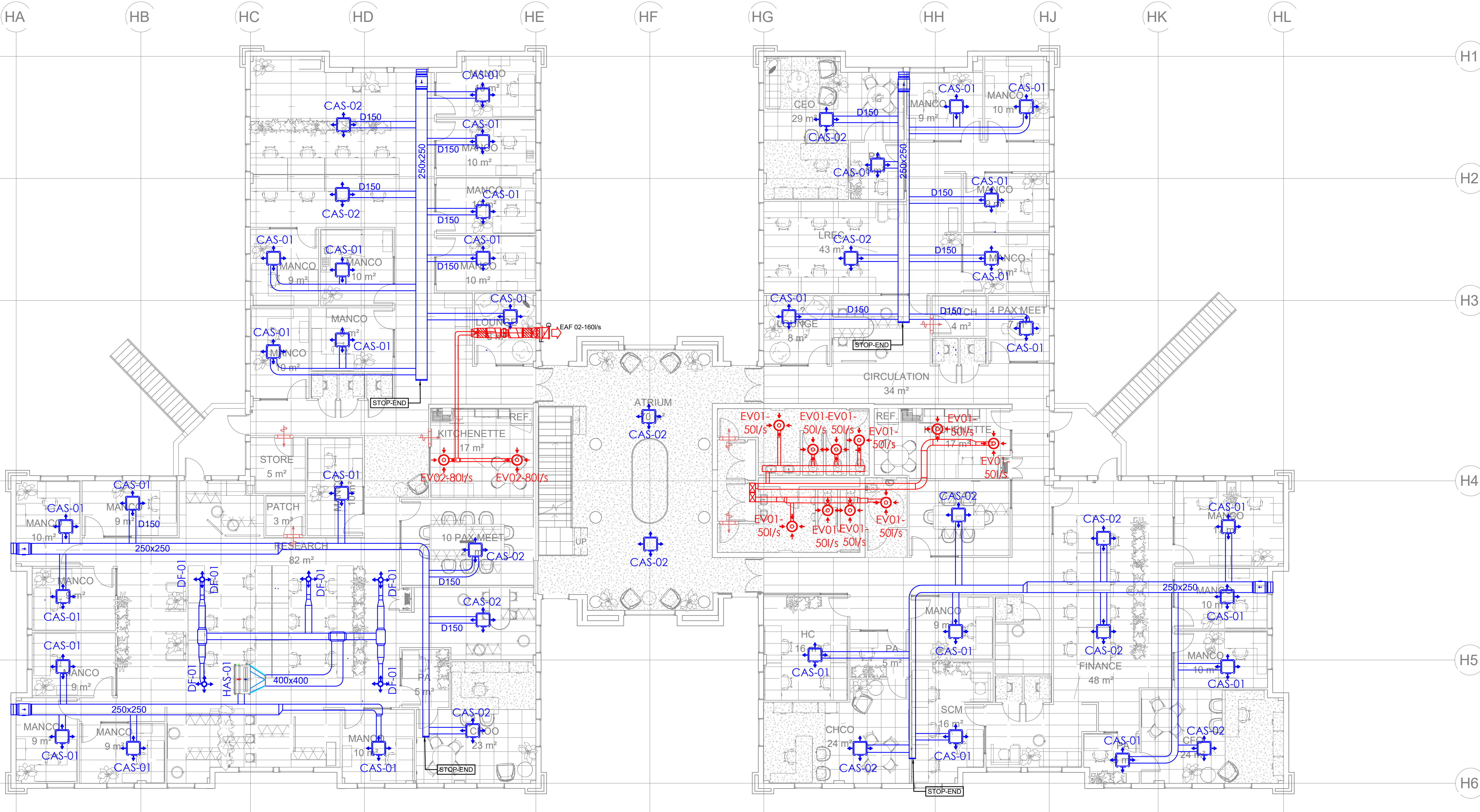




LEGEND

- AC EQUIPMENT
- CASSETTE SPLIT UNIT
 - HIDE AWAY SPLIT UNIT
 - HIGH WALL SPLIT UNIT
 - DIFFUSER
 - EXTRACTION VALVE
 - DUCT MOUNTED FAN
 - DOOR GRILLE
- PIPING
- REFRIGERATION PIPING
 - DRAINAGE PIPING

- NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS.
 - COPYRIGHT OF THIS DRAWING IS VESTED IN THE CONSULTING ENGINEERING COMPANY
 - CONTRACTOR TO CHECK DRAWING AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE MATERIALS ARE ORDERED AND EXECUTED ON SITE.
 - DO NOT SCALE FROM THIS DRAWING. THE CONTRACTOR IS TO CHECK AND CONFIRM ALL DIMENSIONS ON SITE.
 - THE CONTRACTOR TO SUBMIT COORDINATED SHOP DRAWINGS FOR APPROVAL BEFORE THEY CARRY OUT ANY WORK ON SITE.

T	ISSUED FOR TENDER	27/08/25	T.L
REV	REVISION DETAILS	DATE	

CLIENT

ARCHITECT

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PROJECT

MHS OFFICE BUILDING RENOVATION

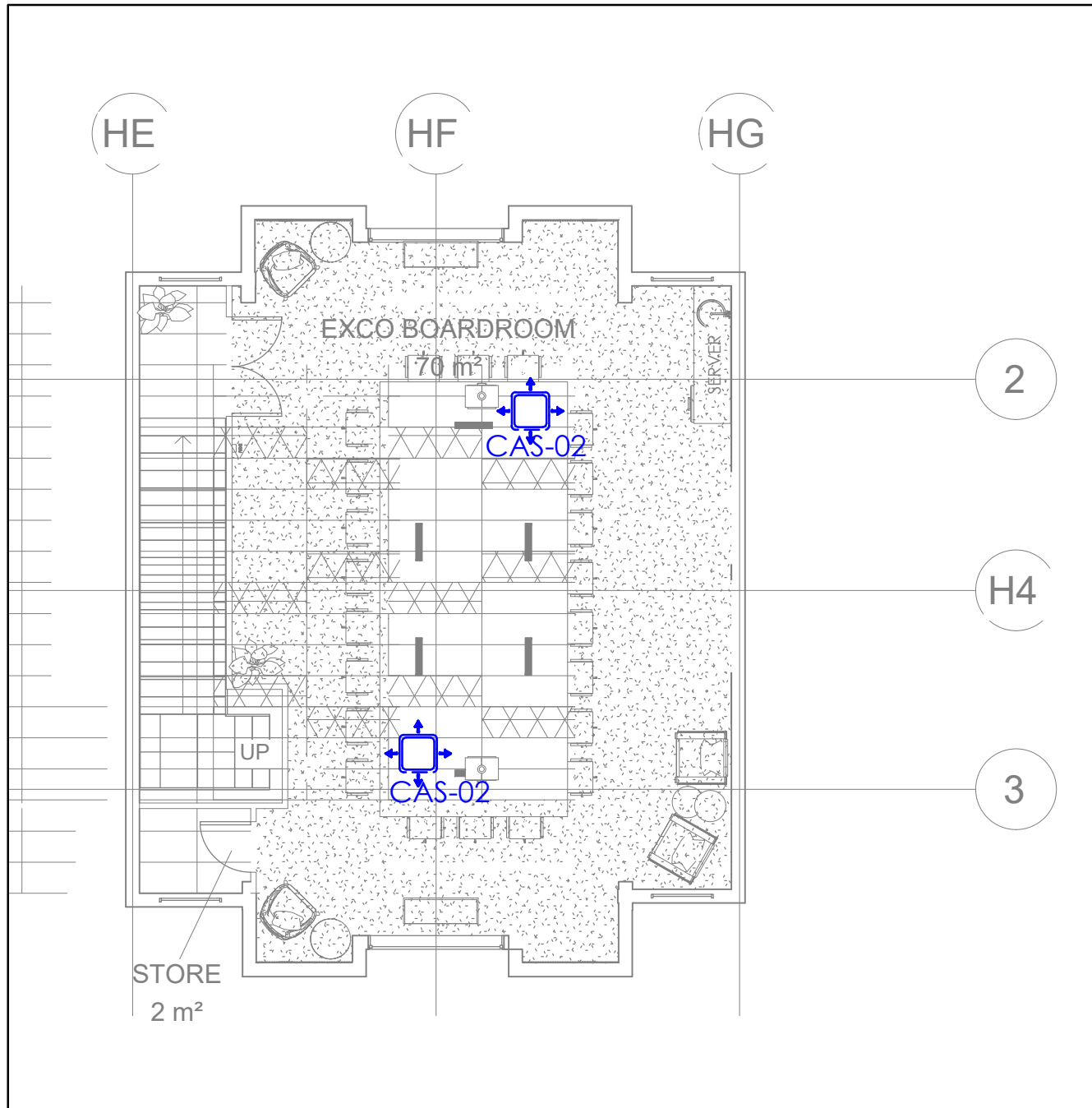
DRAWING TITLE

UPPER FLOOR HVAC LAYOUT

DRAWN BY	DESIGNED BY	CHECKED BY
T.L	L.K	K.P
SCALE	DATE	SHEET SIZE
1:100	01 JULY 2025	A1

PROJECT - ORIG - ZONE - LEVEL - TYPE - DISC - CLASS - NUMBER - REVISION

25002 - HF - ZZ - L0 - DR-ME- DD - 1006 - T



AIRCONDITIONING SYSTEMS			
UNIT NO.	HAS-01	CAS-01	CAS-02
TYPE	HIDE AWAY UNIT	CASSETTE UNIT	CASSETTE UNIT
QUANTITY	1	32	14
MAX AIR SUPPLY	1350 l/s	380 l/s	380 l/s
COOLING CAPACITY	14 KW	5 KW	7 KW
HEATING CAPACITY	14 KW	5 KW	7 KW
Indoor Unit (Outdoor Unit)	380/3/50/40	220/1/50/20	220/1/50/20
V/Ph/ Hz/A			
CONTROL	WALL MOUNTED CONTROLLER	WALL MOUNTED CONTROLLER	WALL MOUNTED CONTROLLER
Indoor Unit (Outdoor Unit)			
UNIT SIZE (WxHxD) / weight	1350x450x910mm / 154 kg	840x246x840mm / 35 kg	1700x600x600mm / 314 kg

VENTILATION SYSTEMS					
UNIT NO.	TYPE	QTY	SIZE	MAX AIR FLOW	V/ Ph / Hz / A / W
SAF-01	SUPPLY AIR FAN	5	TO SUIT	350 l/s @ 90Pa	220 / 1 / 50 / 0,5 / 120
WL-01	WEATHER LOUVRE	7	500x300mm	350 l/s	-
FL-01	FILTER	5	TO SUIT WL-01	-	-
DF-01	DIFFUSER	5	250mm neck	200 l/s	-
EV-01	EXTRACTION VALVE	12	150mm neck	50 l/s	-
RMF-01	ROOF EXTRACT AIR FAN	2	TO SUIT	350 l/s @ 90Pa	220 / 1 / 50 / 0,5 / 120
DG-01	DOOR GRILLE	7	600 x 150mm	90 l/s	
EAF-01	EXTRACT AIR FAN	1	TO SUIT	1000 l/s @ 250Pa	