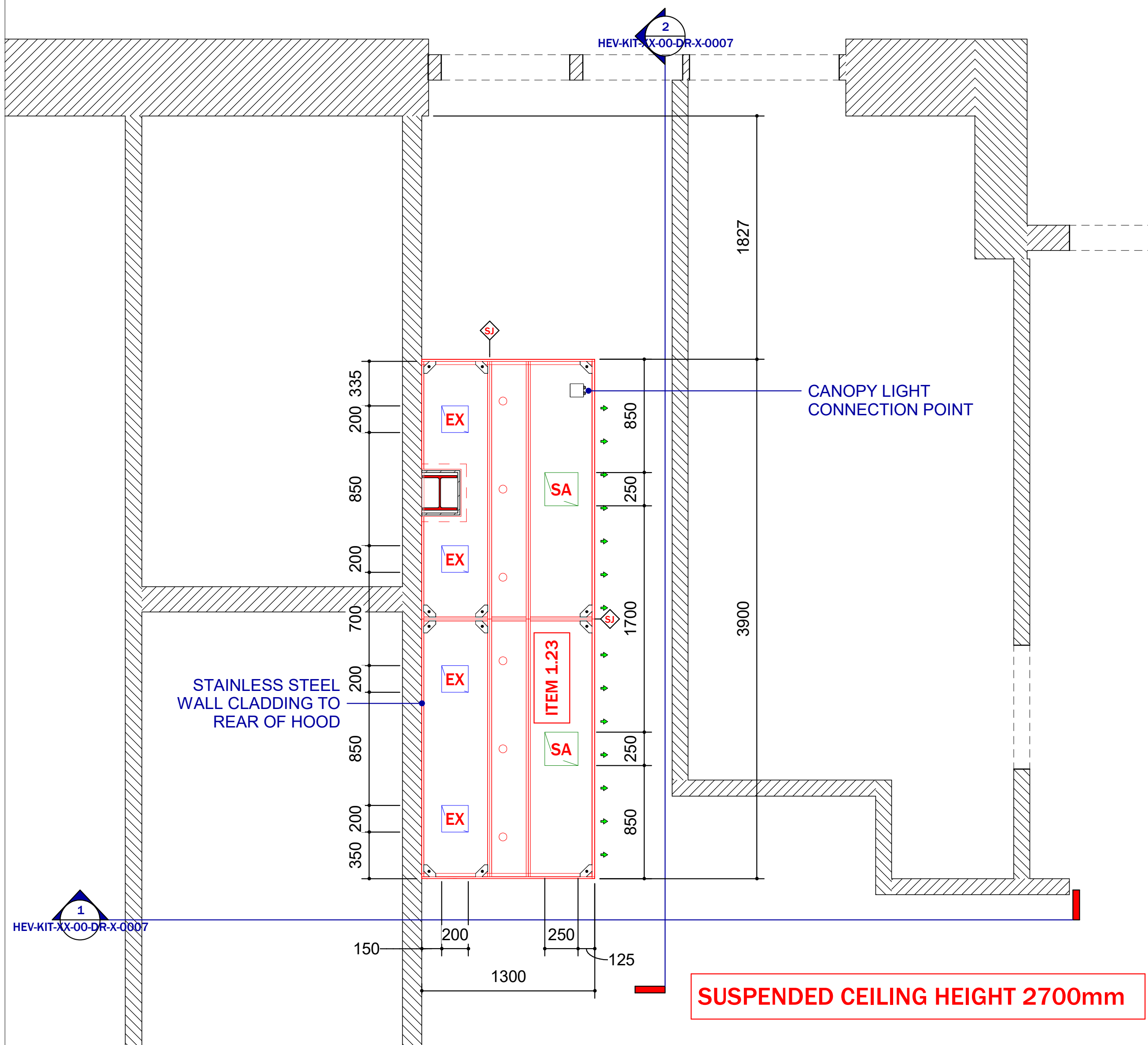


ALL SERVICES MUST AVOID CANOPY HANGING POINTS.



NOTES

- ALL ELECTRICAL CONNECTIONS BY OTHERS (CANOPY LIGHTS).
- STAINLESS STEEL WALL CLADDING REQUIRES A FLAT DRY SURFACE FOR BONDING TO (FINISHED WALLS).
- NO ALLOWANCE HAS BEEN MADE FOR ANY HOODS WITHING THE DISH WASH AREA.
- ALL FANS AND DUCT WORK BY OTHERS.
- ALL SPIGOTS WILL BE FIXED IN POSITIONS SHOWN READY FOR FINAL CONNECTION TO MAIN DUCTS BY OTHERS.
- HOOD IS INSTALLED WITH INFILL PANELS TO ALLOW FOR A 2700mm SUSPENDED CEILING.
- ALL HOODS ARE INSTALLED AT 2000mm FROM FINISHED FLOOR LEVEL.
- ALL HOODS ARE SUPPORTED FROM STRUCTURAL CEILING.
- A MINIMUM CLEARANCE OF 1000mm AROUND THE HOOD MUST BE LEFT TO ALLOW ENGINEERS SAFE HIGH LEVEL ACCESS.
- ALL SERVICES MUST AVOID CANOPY HANGING POINTS.
- HIGH LEVEL ACCESS TO BE PROVIDED FOR WORKS OVER 4 MTR.
- NO ALLOWANCE HAS BEEN MADE FOR: CANOPY EMERGENCY LIGHTING, POWERED ACCESS EQUIPMENT, FINAL CONNECTIONS FROM ALL SPIGOTS TO MAIN DUCTS, SECONDARY SUPPORT STEEL WORK, KITCHEN AREA LIGHTING, ODOUR CONTROL, ELECTRICAL WORKS.

VENTILATION CANOPY FLOW RATE CALCULATION SHEET

Project:	HOUGH END SPORTS VILLAGE		Job No:	8648
			Rev	
Drawing Ref	KITCHEQUIP DRAWING KE/2017/FS1 REV E			
		Date	31/07/2023	

Equipment To Ventilated:

[illegible]

The above calculation is to allow ventilation of equipment under the canopy only, it does not allow for general ventilation to the kitchen, and is based on DW/172 Extract Flow Rate Calculation Method 1.

[illegible]

PROJECT NAME

HOUGH END SPORTS VILLAGE

PROJECT ADDRESS

480 PRINCESS RD
MANCHESTER
M20 1HD

TITLE

KITCHEN HOOD PLAN

CLIENT

KITCHEQUIP

PROJECT NUMBER

8648

REV	
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P02

SCALE (@ A1)

As indicated

DRAWING NUMBER

HEV-KIT-XX-00-DR-X-0006

STATUS

S3

DRAWN BY

CHECKED BY

DATE

17-10-23

HOOD DETAILS

Item Number	Manufacturer	Description	Number of Canopy Sections	Hood Length	Hood Depth	Front Hood Height	Hood Floor Offset	Infill Panel Height	Hood Weight	Hood Notes
ITEM 1.23	Inox	Wall type extract and supply air hood	2	3900	1300	480	2000	300	141.96 kg	BOLT ON FRONTS

LIGHTS

Item Number	Light Manufacturer	Light Model	Number of Lights	Lights Volts	Lights Watts	Lights Amps	Lights Notes
ITEM 1.23	Scolmore	Nano Inceptor	6	230 V	29 W	3.000 A	Pre-wired to single connection point

FILTERS

Item Number	Filter Manufacturer	Type of Filter	No of Filters	Filter Size
ITEM 1.23	Longar	Baffle Filter	6	495mm x 250mm

EXTRACT VOLUME

Item Number	Extract Volume	Extract Pressure Drop	No of Extract Spigots	Extract Spigot Width	Extract Spigot Depth	Extract Spigot Velocity
ITEM 1.23	0.700 m³/s	120.0 Pa	4	200	200	4.375 m/s

SUPPLY AIR VOLUME

Item Number	Supply Air Volume	Supply Air Pressure Drop	No of Supply Air Spigots	Supply Air Spigot Width	Supply Air Spigot Depth	Supply Air Spigot Velocity
ITEM 1.23	0.595 m³/s	80.0 Pa	2	250	250	4.760 m/s

KEY

IMAGE	DESCRIPTION	CODE
	CANOPY HANGING POINT	HP
	CANOPY LIGHT CONNECTION POINT	CP
	LED SPOT LIGHT	SL
	INFILL PANEL	IP
N/A	SUSPENDED CEILING HEIGHT	SCH
	GALVANIZED STEEL EXTRACT DUCT	EX
	GALVANIZED STEEL SUPPLY AIR DUCT	SA
	SITE JOINT	SJ