

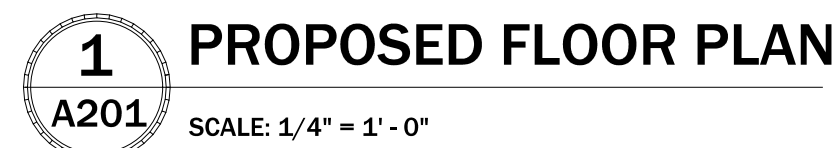
NOTE: THE PROPOSED DEVELOPMENT IS SUBJECT TO COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF THE ZONING BY-LAW AND ALL OTHER APPLICABLE LAWS INCLUDING THE PROVISIONS OF A SITE PLAN AND / OR SUBDIVISION AGREEMENT WHICH MAY OR MAY NOT BE REGISTERED ON TITLE

THIS DRAWING IS NOT TO BE USED FOR
CONSTRUCTION UNTIL PERMIT ISSUED

3	ISSUED FOR REVISION	2025-01-03	
2	ISSUED FOR QTY. CHG.	2024-08-14	
1	ISSUED FOR PERMIT	2024-04-04	
No.	Revision	Date	By



A 2.0



WALL TYPE LEGEND

101	EXIST. FIRE RATING WALL
102	NEW PARTITION WALL ON PARTITION WALL REPAIR: 8" (20.32) (10MM) MCM STUD ANCHORS, FLOOR SLAB @ 24" (610MM) O.C. MAX. AND 12" (305MM) FROM EITHER END (10MM) STUDS FASTENED TO CONCRETE OR ANCHORS TO FLOOR SLAB TO CEILING, DRYWALL SCREWS @ 12" (305MM) (OR REPAIR THE EXIST. PARTITION WALL, SEAL THE DOORWAY)
103	NEW WALNUT-CORNER FRAMER STUDS GALVALUM CORNER FRAMES, W/ STD. OVERLAP MIT. CAMELBACK OR RIGHT ZEEBEE + COOLER DOWNS W/ HEATED FIBERGLASS & THRESHOLD NAIL ANCHORS CAN BE SUBSTITUTION MATERIAL. REFER TO CONTRACTOR AND ENGINEER SPEC.
104	NEW GLASS PARTITION SMM TEMPERED GLASS ON ALUMINUM TRUCK FRAME WITH CROSS BARS, 1/2" BLACK BLOCK FILL GLAZING SEAL, AND BOTH U & BOTTOM GLAZES (CAN COSB-12.14M) W/ OPAQUE STRIP (SEE 3.8.3, 3.11.5) GLAZES FASTENED ON WALL AND ANCHOR TO FLOOR SLAB REFER TO CONTRACTOR AND ENGINEER SPEC.
105	NEW PARTITION WALL WITH GLASS PARTITION: SMM TEMPERED GLASS ON ALUMINUM TRUCK FRAME WITH CROSS BARS, 1/2" BLACK BLOCK FILL GLAZING SEAL, AND U & BOTTOM GLAZES (CAN COSB-12.14M). FRAME FASTENED ON HALF WALL (SEE 3.8.3, 3.8.6) STRIP (SEE 3.8.3, 3.11.5) GLAZES FASTENED ON @ 24" (610MM) O.C. MAX. AND 12" (305MM) FROM EITHER END AND 12" (305MM) OYSTHALL WALL BOARD ANCHOR ON BOTH SIDES, DRYWALL SCREWS @ 12" (305MM)

Seating Area
+ Ancillary
Area (Require
Licensing)



ALL CONSTRUCTION

NO PERSON SHALL CONSTRUCT OR DEMOLISH A BUILDING OR CAUSE A BUILDING TO BE CONSTRUCTED EXCEPT IN ACCORDANCE WITH THESE CERTIFIED BUILDING PERMIT DOCUMENTS, THE BUILDING CODE ACT AND THE BUILDING CODE.

E 1.0



Date: 2/3/2025

ALL CONSTRUCTION SHALL COMPLY WITH
THE ONTARIO BUILDING CODE

NO PERSON SHALL CONSTRUCT OR DEMOLISH A BUILDING OR
CAUSE A BUILDING TO BE CONSTRUCTED EXCEPT IN ACCORDANCE
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NOTE: THE PROPOSED DEVELOPMENT IS SUBJECT TO COMPLIANCE
WITH ALL APPLICABLE PROVISIONS OF THE ZONING BY-LAW AND
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HVAC DRAWING NOTES

- EXISTING RTU-1 WITH ASSOCIATED S/A DUCT TRUNK TO REMAIN. CONTRACTOR TO CHECK & CONFIRM IT IS IN GOOD CONDITIONS.
- COVER RETURN AIR DUCT AT THE BEGINNING OF CONSTRUCTION AND REMOVE COVER MEDIA PRIOR TO AIR BALANCING AT THE END OF PROJECT.
- PROVIDE SQUARE DIFFUSER AS SHOWN, REFER TO SCHEDULE.
- KITCHEN HOOD, REFER TO M3.0 KITCHEN VENTILATION.
- KITCHEN HOOD, REFER TO M3.0 KITCHEN VENTILATION.
- PROVIDE STAFF WR EXHAUST FAN EF-2 DUCT TO OUTSIDE OF BUILDING.
- PROVIDE BARRIER-FREE WR EXHAUST FAN EF-3 DUCT TO OUTSIDE OF BUILDING.
- PROVIDE WR EXHAUST FAN EF-4 DUCT TO OUTSIDE OF BUILDING.
- PROVIDE WR EXHAUST FAN EF-5 DUCT TO OUTSIDE OF BUILDING.
- PROVIDE WR EXHAUST FAN EF-6 DUCT TO OUTSIDE OF BUILDING.
- PROVIDE 8"x6" EXTERIOR WALL MOUNTED EXHAUST LOUVER C/W BACK DRAFT DAMPER.

CONTRACTOR TO CHECK & FIX EXISTING EQUIP & DUCTWORK IF THERE ARE ANY PROBLEMS, AND MAKE THEM IN GOOD CONDITIONS. SEAL DUCT CONNECTIONS. CONTRACTOR TO ENSURE THE HVAC INSTALLATION TO COMPLY WITH BUILDING CODE, ASHRAE & SMACNA REQUIREMENTS.

VENTILATION NOTES

- DINING AREA MAX OCCUPANCY (PEOPLE) 46, AREA 574 SQFT, REQUIRED OA 448 CFM (Rp 7.5, Ra 0.18, ASHRAE 62.1)
- OA TO BE SUPPLIED BY RTU-1. OA 500 CFM (25% OF AIR FLOW).

EXHAUST FAN NOTES

VENT EXHAUST SYSTEM FOR BATHROOM, WATER CLOSET, KITCHEN AND DRYER SHALL BE INSTALLED COMPLETE WITH BACKDRAFT DAMPER

HVAC DRAWING NOTES REF TO M3.1

THE COMMERCIAL KITCHEN SHALL CONFIRM TO NFPA96.

- INSTALL RANGE HOOD WITH EXHAUST FAN (EF-K1), ITS FLOW RATE IS 6,450 CFM. THE RANGE HOOD IS C/W FIRE SUPPRESSION SYSTEM FOR THE KITCHEN HOOD. EXHAUST DUCT FOR THE HOOD TO BE MADE BY STAINLESS STEEL AND WELD CONNECTION. EX FAN TERMINATES 10 FT FROM PROPERTY LINE.
- INSTALL A MAKE-UP UNIT MUA-1 FOR OA INTAKE, ITS FLOW RATE IS 5,200 CFM MAX. AIR INTAKE IS 10-15 FT AWAY FROM EXHAUST. MUA TO BE INTERLOCK WITH HOOD EX FAN.
- 24"x16" KITCHEN EXHAUST DUCT IN CEILING SPACE.
- KITCHEN EXHAUST FAN TO BE HELD ON EXTERIOR WALL. CONTRACTOR SITE VERIFY.

NOTE:

ALL EQUIPMENT ON ROOF, KEEP MIN. 6FT DISTANCE FROM BUILDING ROOF EDGE.

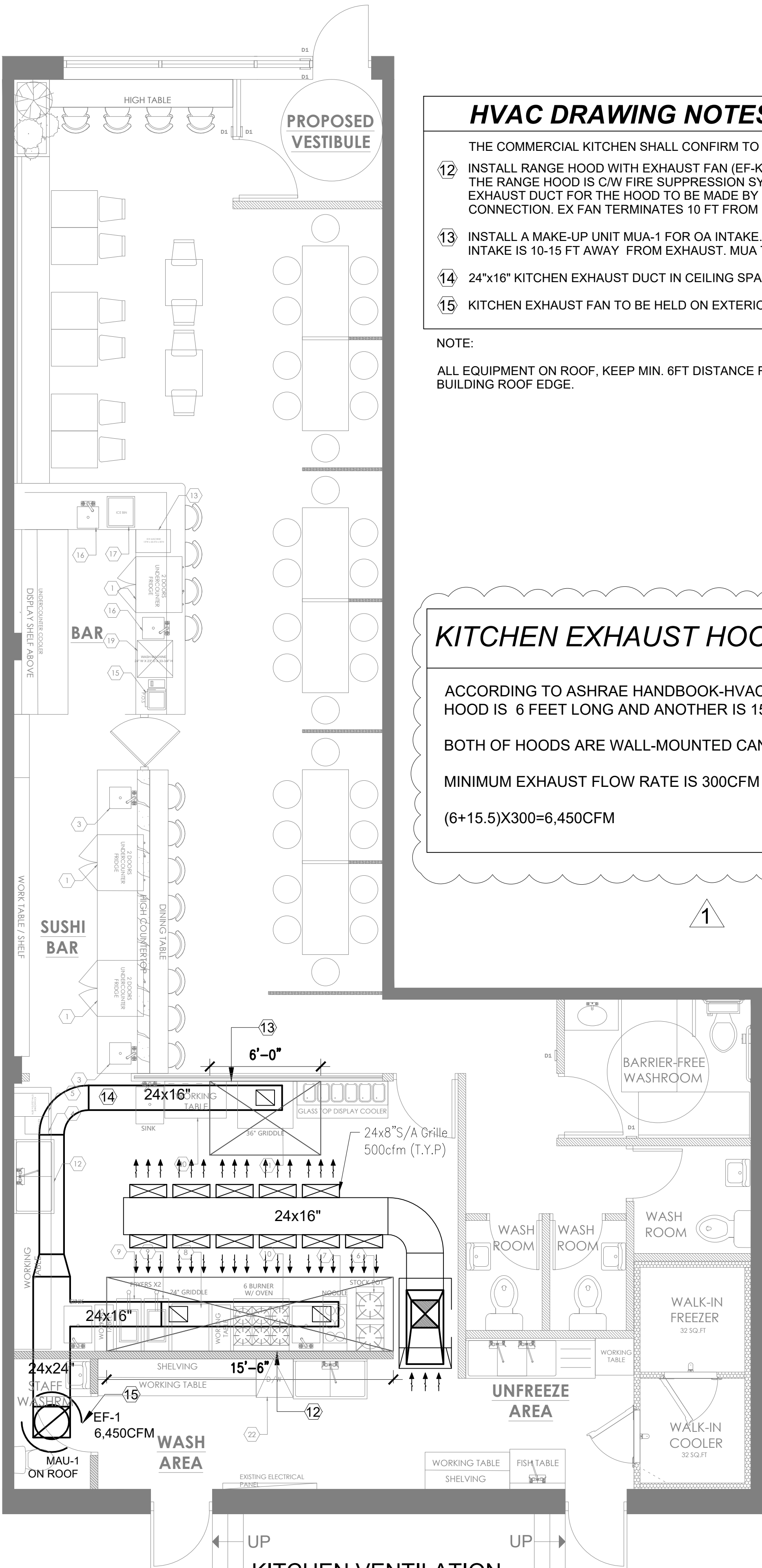
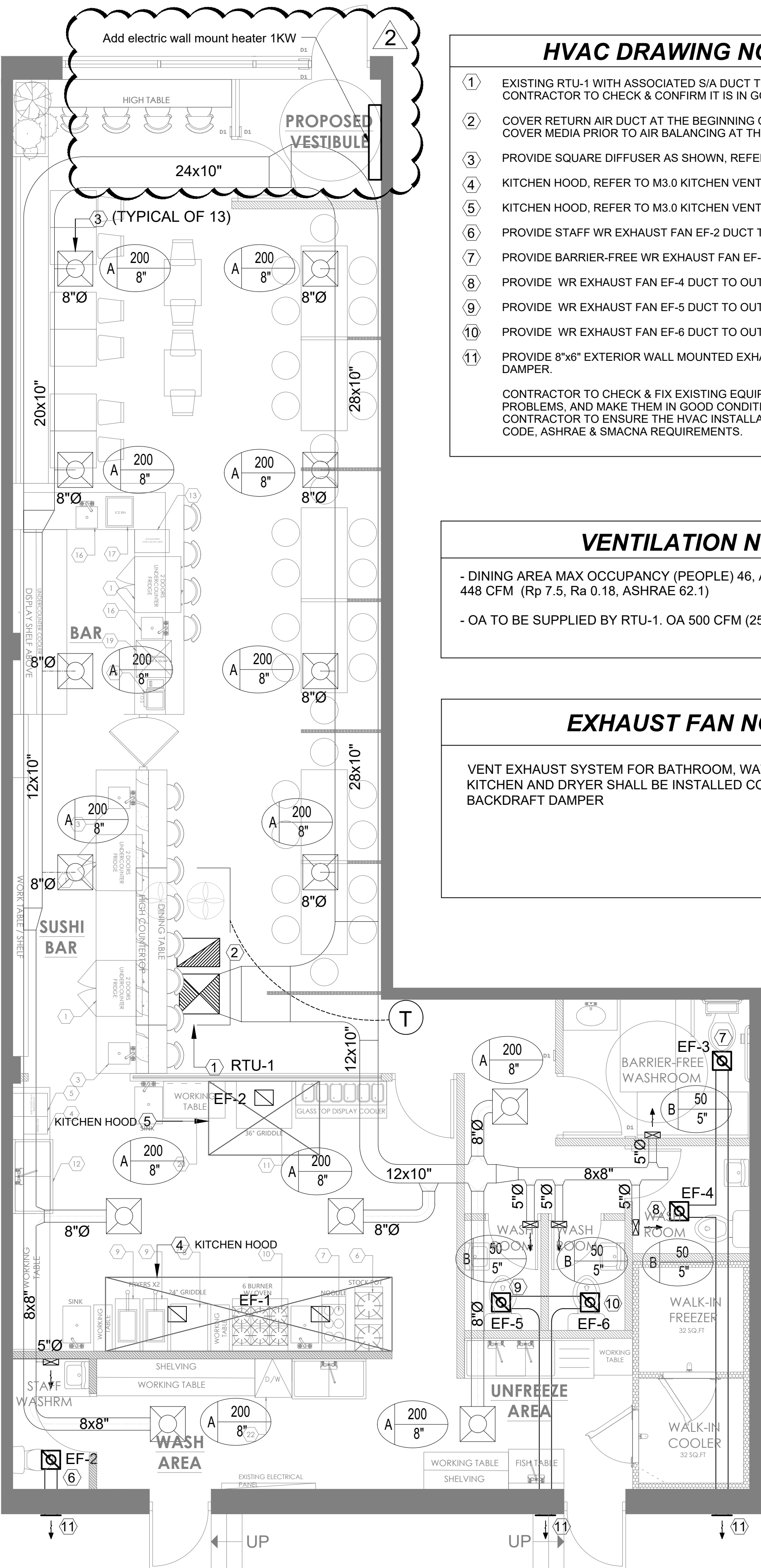
KITCHEN EXHAUST HOOD CALCULATION

ACCORDING TO ASHRAE HANDBOOK-HVAC APPLICATION, ONE KITCHEN HOOD IS 6 FEET LONG AND ANOTHER IS 15.5 FEET LONG.

BOTH OF HOODS ARE WALL-MOUNTED CANOPY, LISTED.

MINIMUM EXHAUST FLOW RATE IS 300CFM PER LINEAR FOOT OF HOOD.

$(6+15.5) \times 300 = 6,450 \text{ CFM}$



No.	Revision	Date	By
3	ISSUED FOR REVISION	2025-01-05	
2	REVISED PER CITY	2024-07-24	
1	ISSUED FOR PERMIT	2024-04-04	

JHD Engineering Inc.

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Thornhill, ON
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SUSHI

Unit 13, 8601 Warden Ave
Unionville, ON

Project number

Drawn KK Scale 1/4" = 1'-0" (Arch D)

Checked JH Date APR 2024

HVAC Plan & KITCHEN VENTILATION

Drawing No.

M 2.0