

O2 PLUMBING PLAN - WATER AND GAS

1/4"=1'-0"

#### PLUMBING KEY NOTES

LOCATION OF METER.

- CONNECT TO LANDLORD FURNISHED SANITARY WASTE LINE BELOW FLOOR AS SHOWN PER PLAN. FIELD VERIFY REQUIREMENTS.
- 2 CONNECT TO GREASE INTERCEPTOR PER DETAIL. FIELD VERIFY LOCATION.
- 3 PROVIDE SANITARY VENT THROUGH ROOF AS SHOWN PER PLAN PER "VENT THRU ROOF (VTR)" DETAIL. LOCATE VENT MINIMUM 10'-0" AWAY FROM AIR INTAKES ON ROOF.
- 4 CONNECT TO LANDLORD FURNISHED DOMESTIC WATER STUB. FIELD VERIFY REQUIREMENTS.
- 5 PROVIDE APPROVED BACKFLOW PREVENTION DEVICE ON KITCHEN EQUIPMENT PER LOCAL AND STATE AUTHORITIES.
- 6 RELOCATE EXISTING WATER HEATER AND ACCESSORIES TO NEW LOCATION AS INDICATED PER PLAN. REINSTALL PER "SUSPENDED WATER HEATER"
- 7 COORDINATE WITH LOCAL GAS COMPANY TO VERIFY EXISTING GAS METER AND PRESSURE REGULATOR AT DEDICATED METER LOCATION, FOR TOTAL CAPACITY AS INDICATED IN GAS SCHEDULE. FIELD VERIFY EXACT
- 8 CONNECT TO EXISTING GAS PIPING ROUTED ON ROOF. FIELD VERIFY REQUIREMENTS.
- 9 ROUTE GAS PIPE ON ROOF PER "ROOF GAS PIPE SUPPORT" DETAIL.
- 10 REFER TO "ROOFTOP UNIT CONNECTIONS" DETAIL FOR CONDENSATE AND GAS UNIT CONNECTION REQUIREMENTS.
- [11] ROUTE GAS PIPE THROUGH ROOF PER "ROOF PENETRATION" DETAIL.
- 12 ROUTE GAS LINE TO KITCHEN EQUIPMENT PER "COOKING APPLIANCE GAS" DETAIL.
- 13 REFER TO "MAKE-UP AIR UNIT CONNECTION" FOR GAS CONNECTION REQUIREMENTS.
- 14 INSTALL GAS MECHANICAL VALVE BELOW CEILING. INTERLOCK WITH ANSUL FIRE PROTECTION SYSTEM AT HOOD. COORDINATE WITH HOOD MANUFACTURER FOR EXACT REQUIREMENTS. VALVE PROVIDED BY HOOD MANUFACTURER.

### GAS SCHEDULE

EQUIPMENT TAG	INPUT CFH
RTU-1	120
RTU-2	80
MAU-1	50
22	135
TOTAL CFH =	385

#### SIZING DATA

GAS: NATURAL GAS

PIPING: SCH 40 STEEL W/ GALVANIZED FITTINGS

CODE: 2015 IFGC, TABLE 402.4(2)

PRESSURE: 7" W.C. SUPPLY WITH 0.5" W.C. DROP

DEVELOPED LENGTH: 150'-0"

DEVELOPED LENGTH: 150 -0	
PIPE SIZING	
83 CFH	3/4"
157 CFH	1"
322 CFH	1¼"
482 CFH	1½"
928 CFH	2"
1,480 CFH	2½"
2,610 CFH	3"

## INVERT SCHEDULE

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LOCATION	INVERT*	
GREASE LINE LEAVING BUILDING (A)	954'-6"	
GREASE LINE ENTERING INTERCEPTOR (B)	954'-5"	
SANITARY LINE LEAVING INTERCEPTOR (C)	954'-3"	
SANITARY LINE ENTERING BUILDING (D)	954'-0"	

\*INVERT DISTANCE IS TAKEN FROM THE TOP OF THE FINISHED FLOOR OR FINISHED GRADE TO THE INVERT ELEVATION OF THE PIPE AT THE POINT INDICATED PER PLAN. CALCULATION BASED ON A STARTING INVERT OF 955'-0" TO ENSURE THERE IS A MINIMUM OF 30" OF COVER OVER THE TOP OF THE PIPE. ALL EXTERIOR PIPE SHALL MEET CURRENT JCW STANDARDS.





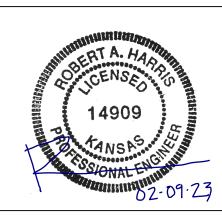




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Client Approval

# PLUMBING PLANS

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Checked by