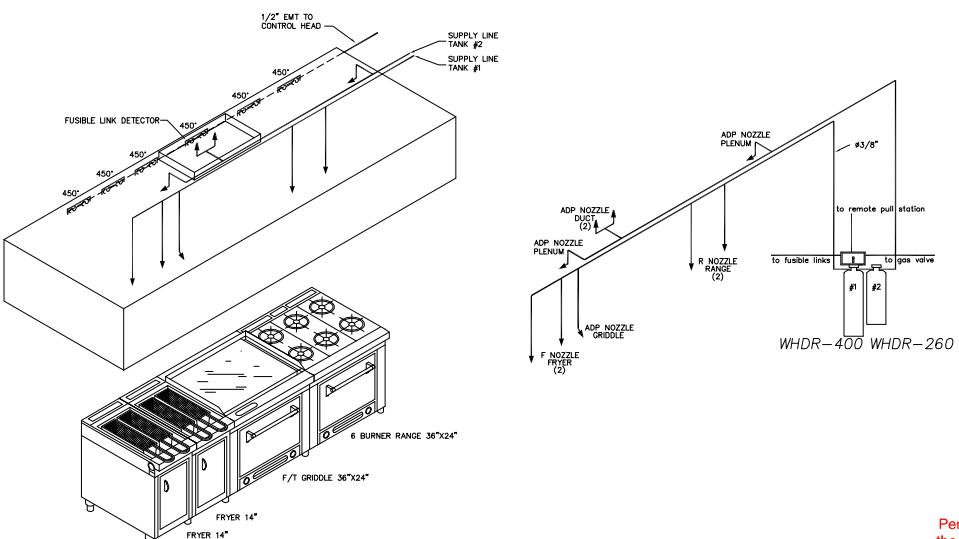


Plan View

1/2"=1"

**KIDDE WHDR 400 & 260
FIRE SYSTEM
HOOD SIZE: 12'-0" X 24" X 48"**



Piping Schematic

Not to Scale

APPROVED MECHANICAL
pmicale
05/31/2022
City of Hollywood, FL

APPROVED FIRE
Per NFPA 1.1.14.4, review and approval by
the AHJ shall not relieve the applicant of the
responsibility of compliance with this code.
CLINTON
08/16/2022
City of Hollywood, FL

KIDDE WHDR (UL-300)

NOZZLE	HAZARD	COVERAGE	NOZZLE HEIGHT	FLOW NO.	TANK 1 No. [F.No.]	TANK 2 No. [F.No.]
ADP_B120011	Duct	100° Perimeter (2 no)	N/A	1 ea	2	2
ADP_B120011	Duct	50° Perimeter	N/A	1		
ADP_B120011	Plenum	10' X 4' "V" Bank/S.	N/A	1	2	2
R_B120014	Range	28" X 28"	20"-42"	1	2	2
ADP_B120011	Grill	48" X 30"	14"-48"	1	1	1
F_BT120011	Fryer/Broaster	18" X 28" Fry Area	27"-48"	2	2	4
GRW_B120013	Chinese Woks	18" X 28" dia	35"-56"	1		
ADP_B120011	Upright Broilers	30-1/4" x 34"	N/A	1		
ADP_B120011	Closed Top Charbroiler	28" x 29"	N/A	1		
ADP_B120011	Open Top Charbroiler	22" X 23"	2 Nozz.	2		
F_BT120011	Large Rock Charbroiler	22" X 23"	24"-48"	2		
GRW_B120013	Elect. Charbroiler Open	24" X 21"	24"-48"	1		
GRW_B120013	Gas Radiant Charbroiler	24" X 21"	24"-48"	1		
DM_B120015	Natural/Mesquite C/B	30" x 24"	24"-48"	3		
F_BT120012	Tilt Skillet/Braising Pan	27.5"-46"	24" x 24"	27.5"-46"	2	

Total Flow Numbers 11

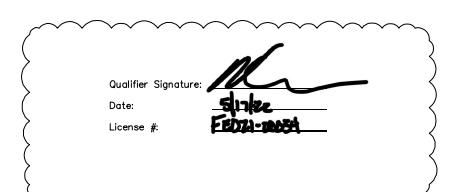
MAXIMUM FLOW NUMBERS PER CYLINDER
TANK #2 WHDR-260 8 Flow Numbers (Single cylinder only)
TANK #1 WHDR-400 48 Flow Numbers (Can manifold up to 4 cylinders)
24 Flow Numbers 2 Sources
36 Flow Numbers 3 Cylinders
48 Flow Numbers 4 Cylinders
18 Flow Numbers 1 Cylinder (Can manifold up to 2 cylinders)
36 Flow Numbers 2 Cylinders

GENERAL NOTES
For Piping and Structural Balances
refer to KIDDE-WHDR Technical
Manual UL #EX2458.

The system installation shall
conform to the requirements of
NFPA 17A 2017 Edition, NFPA 10
2018 Edition, Florida Fire Prevention
Code NFPA 1 & 101 2018

HOOD OPERATION NOTES:

1. Fire mode requires exhaust fan continues to operate and supply fan stops.
2. Hood exhaust fans shall operate whenever the fire extinguishing system is activated.
3. Fixed pipe extinguishing systems in a single hazard area shall be arranged for simultaneous automatic operation upon activation of any one of the systems.
4. Provide alarm or indicator and interconnect with fire system micro switch to sound upon activation of fire system. Fire alarm shop drawings to be provided by fire alarm system contractor.
5. Note: If there is a building alarm, interconnect with fire suppression system micro switch to sound upon activation of system.
6. Activation of the hood suppression system shall de-energize electrical power & disconnect the gas supply.
7. Activation of the hood suppression system will signal the existing horn/strobe unit.
8. A K-Class fire extinguisher must be located correctly within 30 feet of the hazardous area. K-Class extinguisher must have placard in accordance with NFPA 10.
9. One fusible link shall be located above each appliance and one beneath the exhaust duct.



REVISIONS	FIRE RANGER EXTINGUISHER SERVICE	
No.	Description	Date
1.	Plan Review Comments (5/9)	Job
	Changed General Notes,	TNT ON HARRISON
	Provide Qualifier Signature,	2005 HARRISON ST., HOLLYWOOD, FL 33020
	Correct Type on Tank Size,	FS-J883
	Clarify Flow Chart	Date 05/19/22
		Sheet
		1 of 1
		FIRE SYSTEM