



TOWN OF HENRIETTA  
APPLICATION TO TOWN BOARD  
- SPECIAL USE PERMIT -

Appeal No. SP-2021-042  
Date 4/23/21

TOWN OF HENRIETTA  
County of Monroe • State of New York  
475 Calkins Road, P.O. Box 999, Henrietta, N.Y. 14467  
(585) 334-7700 • [www.henrietta.org](http://www.henrietta.org)

I (We) Abdulfattah M. Kamhed

Applicant Business Name: Aladdin Hookah Spot, Inc.

Contact Info: [Redacted]

Business Address: 376 Jefferson Rd.

Property Owner: Yoruk Properties, LLC

1425 Jefferson Rd Rochester, NY 14623

Hereby request from the Town Board for a Special Use Permit for the property located at:

376 Jefferson Rd Rochester, NY 14623

161.07-1-4.2 Commercial B-1 (MURA)

If property is under a purchase option, indicate date option expires: \_\_\_\_\_

Under the Zoning Ordinance, a Special Permit is requested pursuant to:

Article: VI Section: 295 Subsection: 14 Paragraph: B(6) of the Zoning Ordinance.

Description of Proposal: A hookah smoke lounge.

Multiple Dwelling Applications – Dwelling Units per Acre: \_\_\_\_\_

Does this exceed allowed amount per Henrietta Code §295-13[E](1)(b)  Yes  No

Architect/Engineer: Reza Hourmanesh

333 Glen Haven Rd Rochester, NY 14609

Signature of Owner or Leasee: [Signature]

NOTE: If signature is other than owner, written authorization from owner must accompany application. Acceptance of this form is tentative and it will not be processed if incorrectly filed.

Signature of Agent: \_\_\_\_\_

Jamie Fried 5/26/21 7:30  
Received By Date of Meeting Time  
(unless rescheduled)

# Letter of Intent

Re: Aladdin Hookah Spot, Inc  
376 Jefferson Rd  
Rochester NY 14623

This letter is to outlines the following:

Days of Operations:

7 days a week

Hours of operations:

Mon-Sun 4PM-1AM

Fri-Sat 4PM-2AM

This Hookah lounge will not contain any food and will only be a Hookah Lounge. (no Food will BE SERVED)

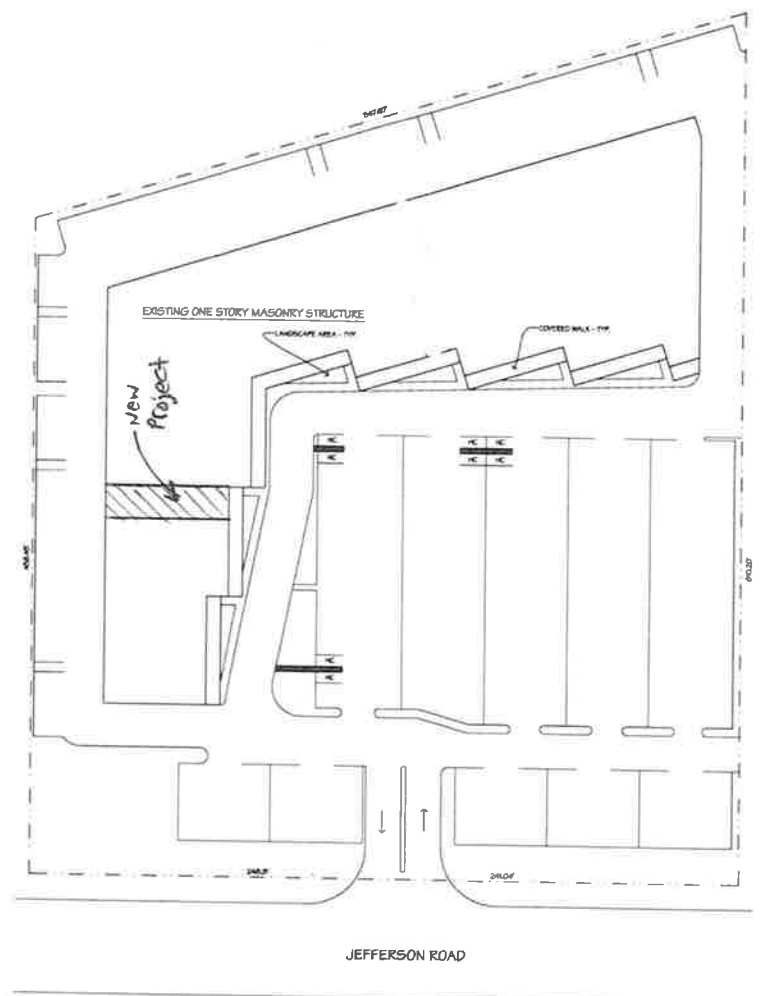
Thank You  
Abdulfattah Kamhed  
President

  
\_\_\_\_\_

Mohsin H Nasser  
VP President

  
\_\_\_\_\_

04-27-2021



1 SITE KEY PLAN  
2 NO SCALE

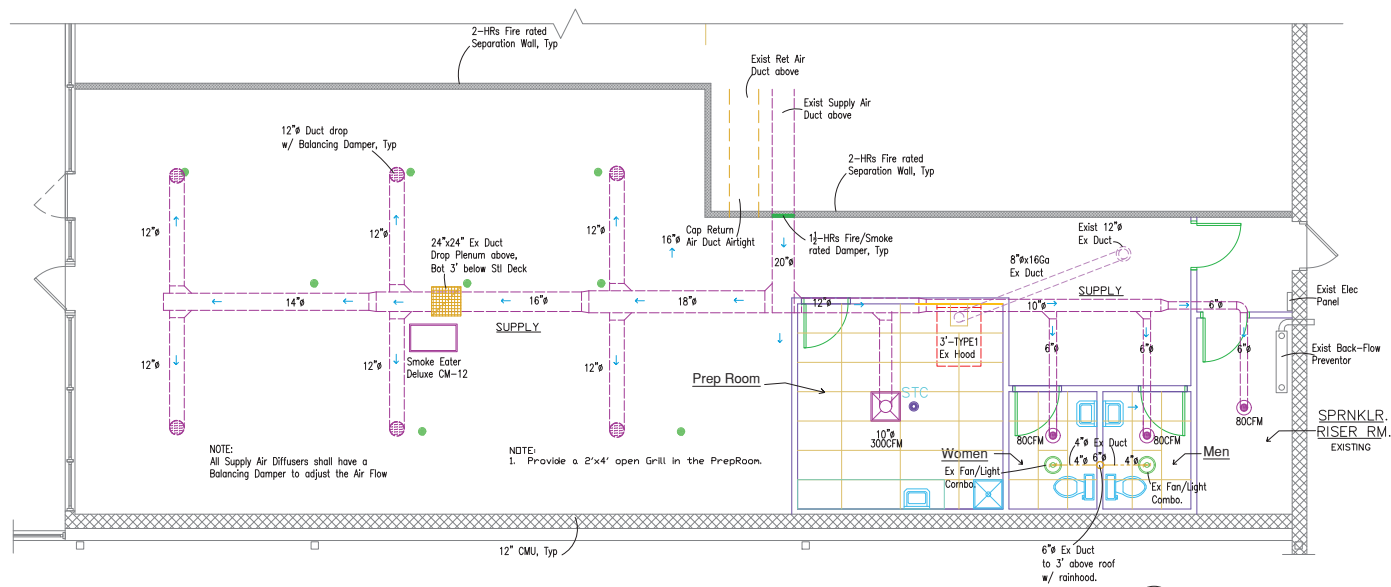
REV.	DESCRIPTION	BY	DATE
1	PROPOSED RESTAURANT	TKB	7/26/18

**PROPOSED RESTAURANT**  
 SITE KEY PLAN  
 FENITY ASSOCIATES ARCHITECTS  
 1800 2ND AVENUE, SUITE 1000  
 JERSEY CITY, NEW JERSEY 07310  
 TEL: 201-992-1111 FAX: 201-992-1112  
 WWW.FENITYASSOCIATES.COM  
 ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM FENITY ASSOCIATES ARCHITECTS.

**FENITY ASSOCIATES ARCHITECTS**  
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 TEL: 201-992-1111 FAX: 201-992-1112  
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PROJECT NO:  
 DRAWN BY: TKB  
 ISSUE DATE: 6/26/18



NOTE:  
All Supply Air Diffusers shall have a Balancing Damper to adjust the Air Flow

NOTE:  
1. Provide a 2'x4' open Grill in the Prep Room.

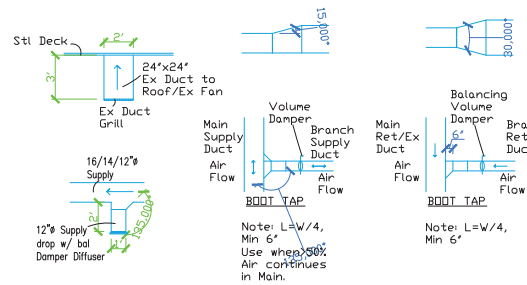
- NOTES:
1. Contractor shall adjust the RTU such that the return air required to function properly, is supplied by 100% fresh air.
  2. Provide Min 3600CFM of Supply in to Hookah Lounge Space
  3. NO AIR SHALL BE RETURNED to the RTU FROM THE LOUNGE SPACE.
  4. ALL SUPPLIED AIR SHALL BE EXHAUSTED TO OUTDOOR SPACE.
  5. THE EXHAUST SHALL BE MIN 10% MORE THAN THE SUPPLY AIR IN THE LOUNGE SPACE.

### HVAC Plan

1/4" = 1'-0"

1

- NOTE:  
1. All Exhaust Duct work shall be 24Ga Galv steel. Tape all Joints, connect all Branch Ex Ducts to Main Ex Ducts via a Boot Tap.



### Duct work Branch Details

NTS

2

### Duct Hanging Details

NTS

3

- NOTES:
1. Contractor shall comply with NYSMC 2020 for HVAC work.
  2. Provide Min 24Ga Galv Stl Duct for Supply & Exhaust Air ducts.
  3. Provide Air-Balance Report when HVAC system has fully installed and commissioned.
  4. Provide Transfer Air Grills above Doors in PREP Room.
  5. Seal all Duct work Joint Airtight.
  6. All Duct Work connections shall be Sealed and fastened airtight.
  7. Provide Balancing/Adjustable Supply and Exhaust Air Diffusers.
  8. Support all HVAC duct work properly vertically and Laterally as per NYSMC 2020.
  9. Provide PVC Exhaust duct in Toilet Room, extend Min 3 ft above Roof Surface. Provide Rain barrier at top.
  10. Provide Min 60CFM Supply Air /Person. The total number of Occupants is 60. Total required Supply shall be 3600 CFM.
  11. All Supply Air shall be exhaust. No Return is allowed in Hookah Lounge. The Exhaust CFM shall be Min 10% more than the amount of Supply Air. The Exhaust Fan shall provide Min 4000 CFM at 0.375 Static Pressure. Provide HoodMart EC48 with Remote Control or Equal.
  12. Provide Min 1 Smoke Eater Units centrally located where people are using Hookah. Provide Air Quality Engineering, Model MiracleAir, Deluxe CM-12 or EQUAL.
  13. Provide AERD Pure, 90CFM, Model AP30H-SL ceiling mounted Exhaust Fan with Humidity Sensing & LED light, One in each Toilet Room.

Project:

# Hookah Lounge

376 Jefferson Road  
Rochester, New York 14623

Owner:

# Aladdin Hookah Spot, Inc.

376 Jefferson Road  
Rochester, New York 14623

Architect:



333 Glen Haven Road  
Rochester, New York 14609  
Tel/Fax: (585) 654-6000  
Mobile: 585-739-6000  
Email: GRH@rochester.rr.com

Consultant:

### Revisions:

No	Description	By	Date

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Sheet Title:

# HVAC Plan & Details

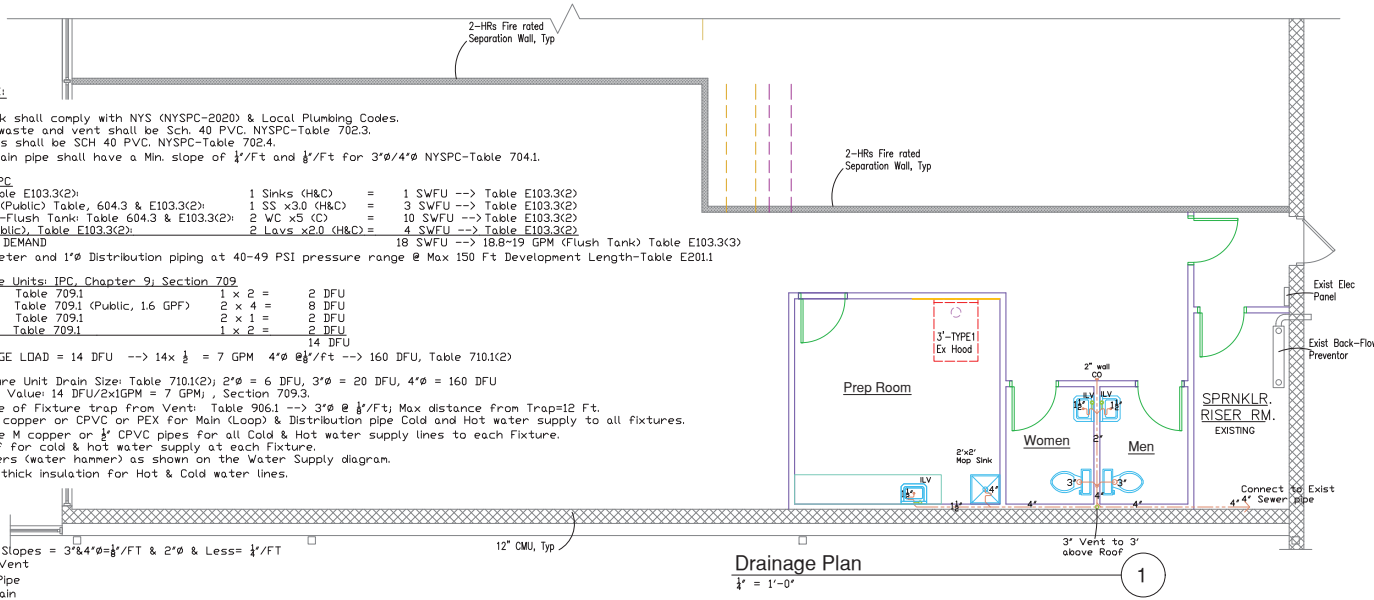
Project Manager: RH	Seal:
Project Architect: RH	
Drawn by: RH	
Checked by: RH	
Project No: 12920	
Date Issued: 12-28-20	
Scale: 1/4" = 1'-0"	
Drawing Number:	

H-1 1 of 1

**PLUMBING NOTES:**

- All Plumbing work shall comply with NYS (NYSPEC-2020) & Local Plumbing Codes.
- The Piping for waste and vent shall be Sch. 40 PVC, NYSPC-Table 702.3.
- The Pipe Fittings shall be SCH 40 PVC, NYSPC-Table 702.4.
- The 2" PVC Drain pipe shall have a Min. slope of 1/4"/ft and 1/8"/ft for 3"Ø/4"Ø NYSPC-Table 704.1.
- Water Supply-IPC**
  - Prep Sink: Table E103.3(2): 1 Sinks (H&C) = 1 SWFU --> Table E103.3(2)
  - Service Sink (Public) Table, 604.3 & E103.3(2): 1 SS x3.0 (H&C) = 3 SWFU --> Table E103.3(2)
  - Water Closet-Flush Tank: Table 604.3 & E103.3(2): 2 WC x5 (C) = 10 SWFU --> Table E103.3(2)
  - Lavatory: (Public), Table E103.3(2): 2 Lavs x2.0 (H&C) = 4 SWFU --> Table E103.3(2)
- TOTAL WATER DEMAND 18 SWFU --> 18.8-19 GPM (Flush Tank) Table E103.3(3)
- 3/4" Service/Meter and 1"Ø Distribution piping at 40-49 PSI pressure range @ Max 150 Ft Development Length-Table E201.1
- Drainage Fixture Units: IPC, Chapter 9, Section 709**
  - Sink: Table 709.1 1 x 2 = 2 DFU
  - Water Closet Table 709.1 (Public, 1.6 GPF) 2 x 4 = 8 DFU
  - Lavatory: Table 709.1 2 x 1 = 2 DFU
  - Service Sink Table 709.1 1 x 2 = 2 DFU
- TOTAL DRAINAGE LOAD = 14 DFU --> 14 x 1/2 = 7 GPM 4"Ø @ 1/4"/ft --> 160 DFU, Table 710.1(2)
- Horizontal Fixture Unit Drain Size: Table 710.1(2); 2"Ø = 6 DFU, 3"Ø = 20 DFU, 4"Ø = 160 DFU
- Continuous Flow Value: 14 DFU/2x1GPM = 7 GPM, Section 709.3.
- Maximum distance of Fixture trap from Vent: Table 906.1 --> 3'Ø @ 1/4"/ft; Max distance from Trap=12 Ft.
- Provide Type M copper or CPVC or PEX For Main (Loop) & Distribution pipe Cold and Hot water supply to all fixtures.
- Provide 1/2" Type M copper or 1/2" CPVC pipes for all Cold & Hot water supply lines to each Fixture.
- Provide shutoff for cold & hot water supply at each Fixture.
- Provide Arresters (water hammer) as shown on the Water Supply diagram.
- Provide pipe 1/2" thick insulation for Hot & Cold water lines.

Min Sewer Pipe Slopes = 3"Ø/4"Ø=1/4"/FT & 2"Ø & Less= 1/8"/FT  
 ILV = In-Line Vent  
 TOP = Top of Pipe  
 FD = Floor Drain



**Drainage Plan**  
 1/4" = 1'-0"

**TIDLET ACCESSORIES:**

MFR: American Specialties or Equal

- Soap Dispenser (2) Model # 0347
- 36" Grab-Bar(2) Model # 3800
- 42" Grab-Bar(2) Model # 3800
- 18" Grab-Bar (2) Model # 3800
- Mirror 24"wx36" H (2) Model # 0625
- Toilet Tissue Dispenser(2) Model # 20030
- Clothes Hooks (2) Model # 123
- Hand Dryer(2) Model # 0197

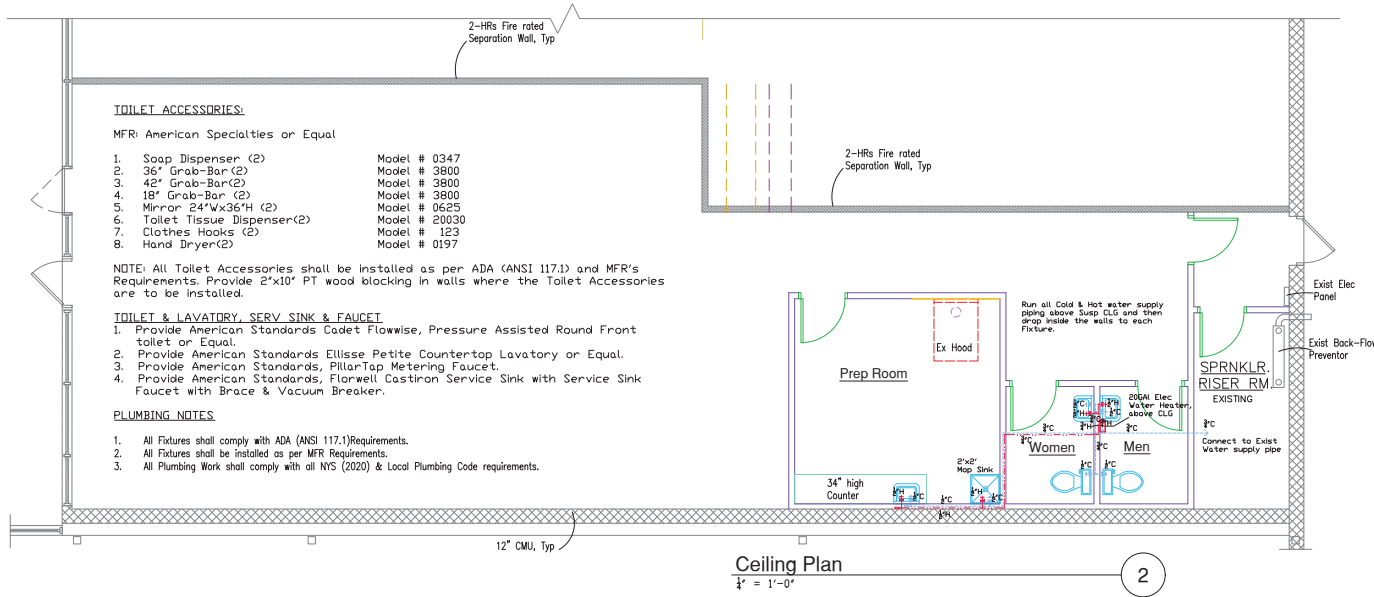
NOTE: All Toilet Accessories shall be installed as per ADA (ANSI 117.1) and MFR's Requirements. Provide 2"x10" PT wood blocking in walls where the Toilet Accessories are to be installed.

**TIDLET & LAVATORY, SERV SINK & FAUCET**

- Provide American Standards Cadet Flowwise, Pressure Assisted Round Front toilet or Equal.
- Provide American Standards Ellisse Petite Countertop Lavatory or Equal.
- Provide American Standards, PillarTap Metering Faucet.
- Provide American Standards, Flowwell Costiron Service Sink with Service Sink Faucet with Brace & Vacuum Breaker.

**PLUMBING NOTES**

- All Fixtures shall comply with ADA (ANSI 117.1) Requirements.
- All Fixtures shall be installed as per MFR Requirements.
- All Plumbing Work shall comply with all NYS (2020) & Local Plumbing Code requirements.



**Ceiling Plan**  
 1/4" = 1'-0"

Project:

**Hookah Lounge**

376 Jefferson Road  
 Rochester, New York 14623

Owner:

**Aladdin Hookah Spot, Inc.**

376 Jefferson Road  
 Rochester, New York 14623

Architect:



333 Glen Haven Road  
 Rochester, New York 14609  
 Tel/Fax: (585) 654-6000  
 Mobile: 585-739-6000  
 Email: GRH@rochester.rr.com

Consultant:

**Revisions:**

No	Description	By	Date

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Sheet Title:

**Plumbing Drainage & Water Supply Plans**

Project Manager: RH	Seal:
Project Architect: RH	
Drawn by: RH	
Checked by: RH	
Project No: 12020	
Date Issued: 12-28-20	
Scale: 1/4" = 1'-0"	
Drawing Number:	

Project:

# Hookah Lounge

376 Jefferson Road  
Rochester, New York 14623

Owner:

Aladdin  
Hookah Spot,  
Inc.

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Rochester, New York 14623

Architect:



333 Glen Haven Road  
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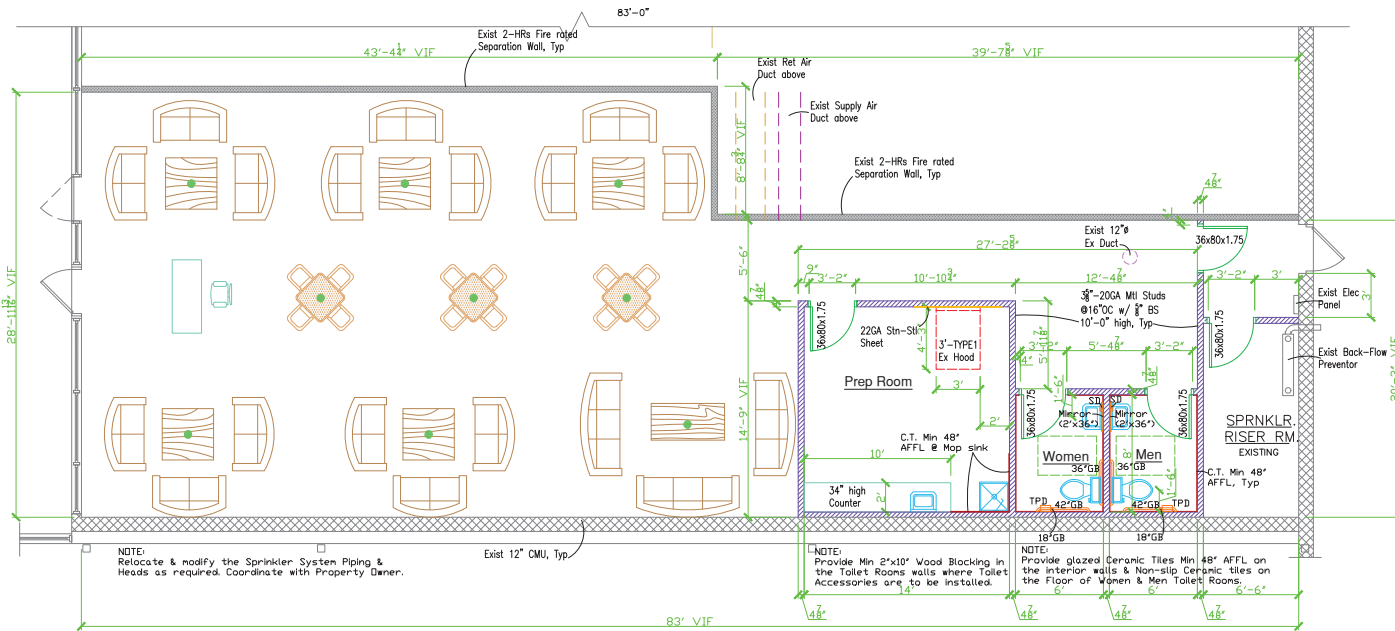
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Sheet Title:

## Floor & Ceiling Plans

Project Manager: RH	Seal:
Project Architect: RH	
Drawn by: RH	
Checked by: RH	
Project No: 12020	
Date Issued: 12-28-20	
Scale: 1/4" = 1'-0"	
Drawing Number:	

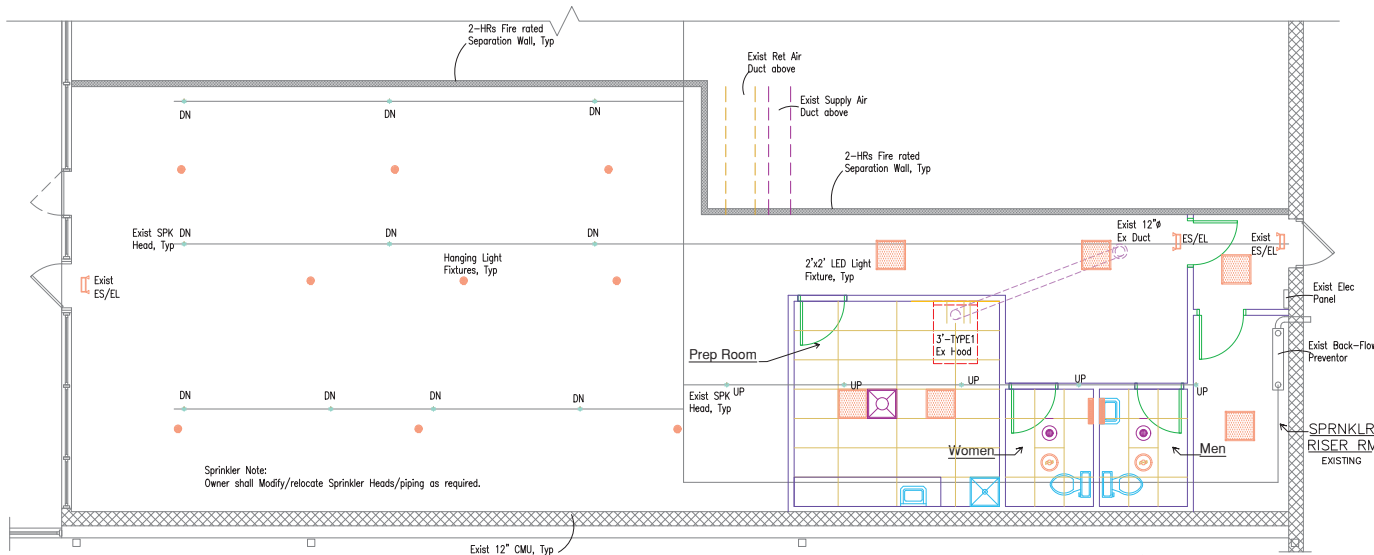
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**1 of 5**

Floor Plan

1/4" = 1'-0"

1

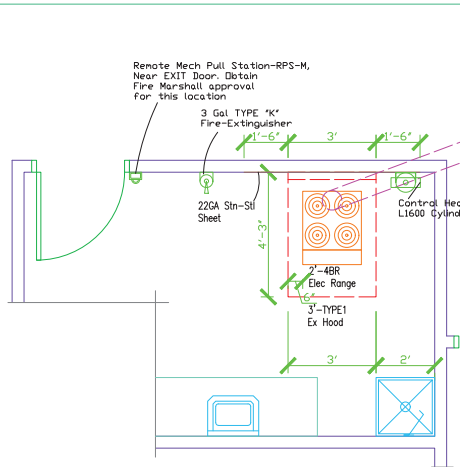


Ceiling Plan

1/4" = 1'-0"

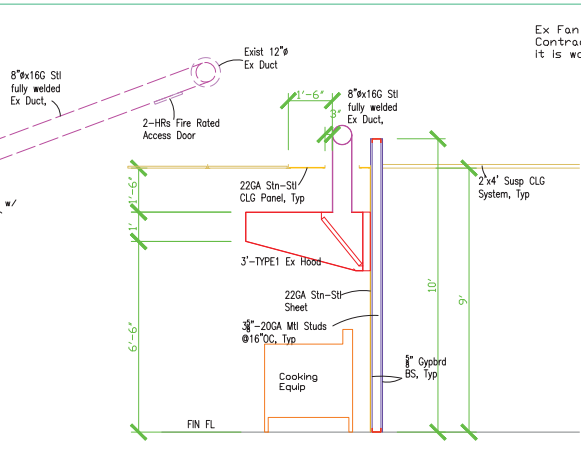
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**Ex Hood Plan**  
1/2" = 1'-0"

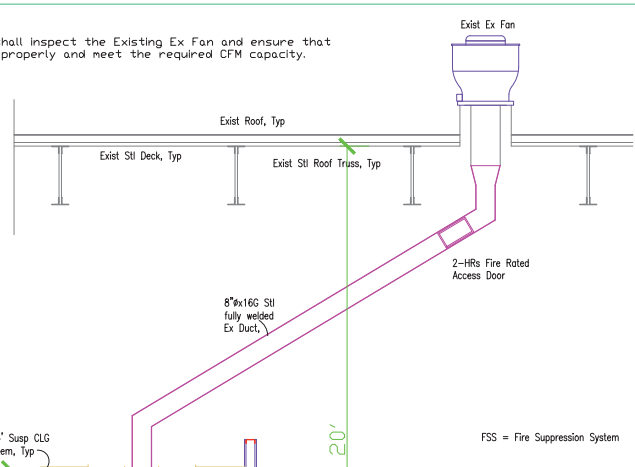
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**Wall Section @ Ex Hood**  
1/2" = 1'-0"

2

**Ex Fan NOTE:**  
Contractor shall inspect the Existing Ex Fan and ensure that it is working properly and meet the required CFM capacity.



**Ex Hood Elevation/Section/FSS**  
1/2" = 1'-0"

3

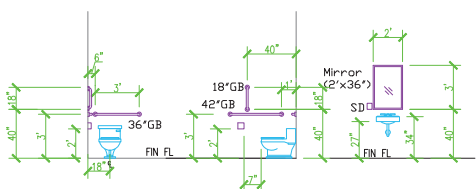
**NOTES:**

- NOTE-1:**  
1. Provide Min of One 6-Lit. 'TYPE K' fire Extinguisher for each Ex Hood. Verify shown Location with Fire Marshal.  
2. Remote Manual Pull Station shall be located near an Exit from the Kitchen and no closer than 10 feet & not more than 20 feet from the Exhaust Hood. Obtain approval from Fire Marshal for Location shown.
- NOTE-2:**  
When any Cooking Equipment is turned on, the Ex. and MUA Fans shall be turned on automatically, IMC 507.2.11. Contractor shall provide Greenheck Digital Temperature Interlock (TIL) or Equal. Install at location recommended by the MFR in accordance with the MFR directions (It is recommended the TIL be install at Approx. 12" above the Ex Duct Opening. The MUA's Units and any Air Supply in the kitchen areas shall shutdown when the Fire System is activated, but, the Ex Fans Shall be kept ON and exhausting. The entire system shall be Electrically Inter-Locked.
- NOTE-3:**  
Contractor shall provide Spec/Cut Sheet and Shop Drawings for Materials used in this project to AHJ for review prior to fabrications and installations.
- NOTES-4:**  
1. All Sealant used for Penetrations through CLG/FL and walls shall be Intumescent Sealant.  
2. All Penetrations through the Fire Rated CLG/FL and Walls shall be smoke tight. The integrity of the Fire rating shall not will altered. Contractor shall provide UL rated assemblies for review and approval by the AHJ.
- NOTES-5:**  
1. Tip of all Nozzles shown, are 48" above the cooking surfaces. The Contractor shall submit Total Pipe Volume and between First and Last Nozzle to Fire Marshal for review and approval. The Pipe volumes indicated above shall comply with the MFR requirements. Contractor shall Ensure the Total and First to Last Nozzles pipe volumes DO NOT EXCEED the volumes shown for each Cylinder size specified in MFR Manual under Section 3.8, Pipe Limitations.  
2. The Fire Suppression distribution piping's shown above the Ex Hoods are for graphic purposes. The Actual piping shall be installed on inside top of Ex Hood.  
3. The Contractor shall provide a Pipe Volumes calculations to the FIRE MARSHAL after the Piping suppression systems have been installed showing the pipe volumes DO NOT EXCEED the MFR Requirements.
- NOTES-6:**  
1. The Fire Suppression system shall be installed as per MFR Directions and Requirements. Contractor shall have the MFR Manual on Site.
- NOTES-7:**  
1. DO NOT INSTALL Ex Duct in place, till Fire Marshal has inspected on the ground for any leakage.
- NOTES-8:**  
1. Keep Min 3' Distance between Ex Duct and Non-Combustible Mtl Conduit Wiring, Duct works, Gas lines, SPK lines, etc.

- NOTE-9:**  
1. Provide SS T-Joiners at Joints between and J-Corners at the open edge of ss panels at all locations. Install Panels neatly and Plumb.
- NOTES-10:**  
1. In case of differences between AHJ/Fire Marshall Requirements, Drawings, Notes & MFR Directions, the most stringent shall govern. Fire Marshall decision regarding the Level of Stringency is final and shall be followed. When an item(s) modification(s) is/are requested by the Fire Marshall, it shall be provided as per his/her Direction(s). Contractor shall contact the Fire Marshall and obtain his/her approval of the drawings and the required Permits for all items in this project prior to commencement of any construction Work. The Owner shall not use the Kitchen/Exhaust Hood System, till Fire Marshall has observed the required Test conducted and granted Final Approval of work undertaken.
- NOTES-11:**  
1. The Intumescent Sealant shall be #m Fire Barrier 2000+, Silicon Sealant, CLASS 25 or EQUAL.
- NOTES-12:**  
1. Vertically & Laterally Support the Ex Ducts and MUA Ducts to Existing Structure. Use Min 1.5"x1.5"x1/4" Stl Angles or equal. Weld to Ex Duct as required. DO NOT Use Screws to Fasten/connect any Item to Ex Duct through it's entire length.
- NOTES-13:**  
1. Remove & relocate the Sprinkler Heads, Strobes & Horns, CLG Light Fixtures, Supply Air CLG Diffusers above and or near the Ex Hood to Min 4' away from Ex Hood.  
2. Re-route all existing Wiring's, Supply Air Ducts, such that there is a Min 18" to Ex Hoods or Ex Duct.
- NOTES-14:**  
1. Contractor shall Provide a 4'x4'x3'h STN-STL Dtl-Retaining Pan around each Exhaust Fan on the roof. It shall be Dtl-Tight. Provide Absorption pillows inside to soak the Grease.
- NOTES-15:**  
1. Contractor shall Connect the Electrical Outlet (Receptacles) for the Electric Convection Oven, Etc to a Shunt-Trip or Relay. All ELECTRICAL Receptacles under the Ex Hood and within 2 Ft of the Ex Hood shall be connected to the Shunt-Trip and shall disconnect/shutoff when the Fire suppression system is activated.

**Typical Wall Section**  
1/2" = 1'-0"

4



AC. WATER CLOSET

AC. LAV.

**Toilet Room Accessories Elevations**  
1/2" = 1'-0"

5

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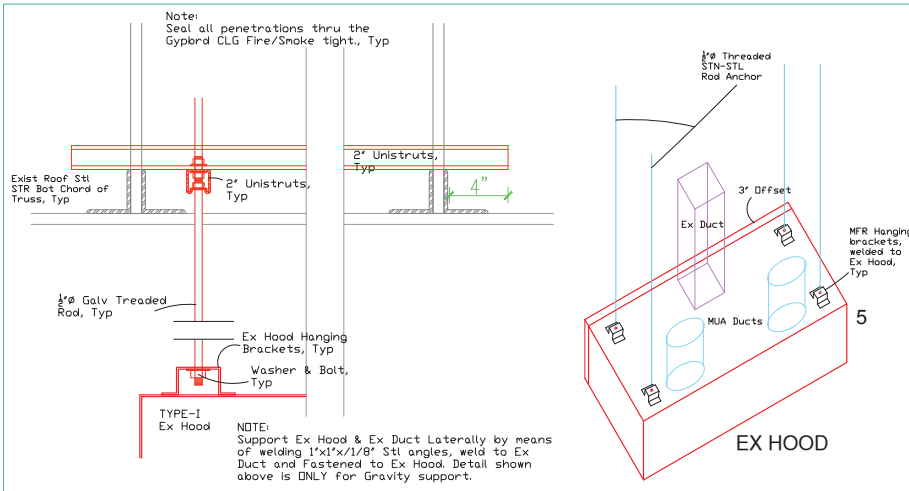
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Sheet Title:

**Exhaust Hood & Miscellaneous Details**

Project Manager: RH	Seal:
Project Architect: RH	
Drawn by: RH	
Checked by: RH	
Project No: 12920	
Date Issued: 12-28-20	
Scale: 1/2" = 1'-0"	
Drawing Number:	

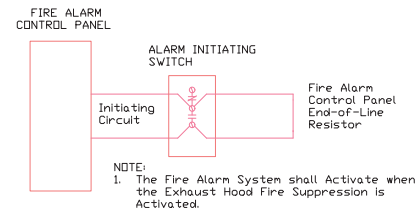




Exhaust Hood Hanging Detail

NTS

1



Alarm Initiating Switch Wiring Diagram

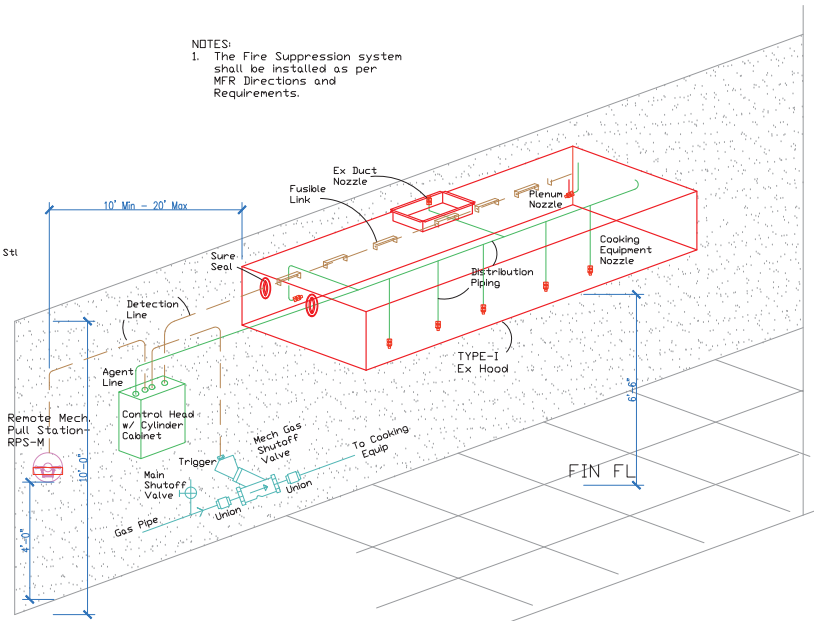
NTS

2

Exhaust Hood Hanging Detail

NTS

1



Typical TYPE I Ex. Hood System Diagrams

NTS

3

Project:

# Hookah Lounge

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Sheet Title:

## Exhaust Hood Hanging & Diagrams

Project Manager: RH  
Project Architect: RH  
Drawn by: RH  
Checked by: RH  
Project No: 12920  
Date Issued: 12-28-20  
Scale: NTS  
Drawing Number:

Seal:



**EXHAUST FAN & MUA Data & Notes**

**Exhaust Hood Rate**

Based on HoodMart 250 CFM/LinearFoot of Exhaust Hood.

**A. 3' EXHAUST HOODS**

Total Exhaust = 3'x250 CFM/LfT = 750 CFM Exhaust Hood.

Provide two HoodMart , EC Up-Blast, Grease Exhaust Fan (UL762) with Min 750 CFM @ 0.625 In-Wg (SP) and Grease Box. HoodMart HM-EC20 or Equal.

**Exhaust Duct Size**

- a. 750 CFM/1000 FPM = 0.75 Ft<sup>2</sup>
- b. 0.75x144=108"
- c. 108/3.14x39"<sup>2</sup> → 6" → R=8" → Provide 8"ø 16Ga Black Steel Duct.
- d. The exhaust Duct shall be fully Welded, Liquid/Smoke tight.
- e. Fully Weld Ex Duct to Ex Hood, Liquid/Smoke tight.
- f. Fastened & Seal Ex Duct Flange to Ex Fan base Liquid/Smoke Tight.

**B. MUA Requirement**

1. The MUA shall be Approx. equal to the Exhaust amount (NYSM Code Section 508.11.20) of the REQUIRED MUA will be provided by the Supply Air in space and infiltration through Doors. Contractor shall provide Air Balance Test & Report if required by Fire Marshall.
2. 750x(1000) =750 CFM
3. Provide 750 CFM Tempored MUA Fan @1.0 In-Wg (S.P.). HoodMart HM-SF5-ECM or Equal.
4. The Temperature Differential between MUA Temp and the Conditioned Air in the Space shall not exceed 10°F (NYSM Code, Section 508.11).
5. The MUA may be provided by means of Conditioned Supply Air. The Contractor shall provide Air Balance Test Report if the Supply Air is utilized for the required MUA amount (NYSM Code, Section 508.11).
6. For Mechanical MUA System, The Exhaust and MUA Systems (Fans) must be electrically INTERLOCKED (NYSM Code, Section, 508.11)
7. The Contractor shall provide a Performance Test Report as per NYSM Code, Section 507.15 if required by Fire Marshall.
8. Provide Electrical power to the Exhaust and MUA Fans as required by NYS Code & MFR.
9. Provide 2-HRS Fire Damper in each MUA Duct within 18" of the Outlets at the Ex Hood when the MUA duct is directly connected to Ex Hood.
10. The inlet of the MUA Unit shall be installed such that it is Min 10 Ft from the Ex Fan and any rooftop HVAC Unit with Air Intake. The Exhaust fan shall be more than 10ft from any opening, door or operable windows.
11. The MUA unit(s) shall automatically SHUT-OFF when the Fire Suppression System is activated. However, the Exhaust Fan shall keep operating.
12. Any Electrical receptacles under the Ex Hood Area and within 2 Ft of the Cooking Equipment and or Ex Hood, shall be automatically disconnected when the Fire Suppression System is activated. Provide Shunt Trip Breakers in the Main Electric Panel for such Electrical circuits.
13. Provide 18Ga Galv Stl Hanging Supports @ 4FT DC for MUA Ducts.
14. Provide Ex duct Support at roof Deck, with 1 1/2"x1 1/2"x12Ga Unistruts. Do not load the Ex Hood with the Ex Duct weight. Utilize Wood trusses for Unistrut support. Weld Unistruts to Ex Duct.
15. Provide 1 1/2"x1 1/2"x12Ga Unistruts for Gravity and Lateral supports, Diagonal bracing in X & Y directions For Lateral supports for Ex ducts. DO NOT SCREW to EX Duct, Weld the Gravity and lateral supports to Ex Hood.
16. The Exhaust outlet above the roof shall be Min 40' above roof surface (NYSM Code, Section 506.3.12).

**EXHAUST HOOD FIRE SUPPRESSION DATA**

**Exhaust Hood 3'**

Appliances	Mount	Nozzle	Flow Pts.	Max Width	Max Length	Max Area	Min Noz. HGT	Max Noz HGT
1. 24" Elec Range	H	NLH	2	28"			34"	48"
2. Ex. Ducts	H	NLH	1	Maximum Exhaust Duct Perimeter	50 Inches	25.12"x50"	OK	
3. Plenum -3'	H	NLH	4	Exhaust Hood length 3'				

4. Total Points  
Control Head & Cylinder: Provide Protex-II L1600 Cylinder (5 Pts) w/MB15 Bracket or Equal. Fusible Links: ML-style 360° F, locate fusible links in Hood Plenum, One over Cooking Appliance and One in Exhaust Duct. Aim nozzles over the Cooking Surfaces as per MFR. directions.

**GENERAL NOTES**

1. Contractor shall comply with ALL applicable Federal, NYS, and Local Laws, Regulations, Building, Plumbing, Mechanical and Electrical Codes (NYS 2020).
2. Do not proceed with any work till proper Permits have been applied for and issued by the AHJ.
3. Notify the Architect in any Hazardous Materials and or Conditions are encountered. Stop Work Immediately. Do not proceed with work till directions are given by the Architect.
4. THE GENERAL CONDITIONS OF CONTRACT shall be based on AIA A201 (Latest Version). Contractor is fully responsible to obtain a copy and familiarize Himself/Herself with the A201 requirements.
5. Contractor shall provide SUBMITTALS for all work for Review by the Architect/Engineer/Fire Marshal prior to Fabrication, Ordering Materials and any Construction Work.
6. In case of difference and or discrepancies between the Drawings & Notes and applicable Codes, the most stringent shall govern. The Fire Marshal decision regarding the Stringency shall be final and shall be followed by the Contractor. Contractor shall fully review the drawings and ensure that they are in compliance with the applicable Codes. The discrepancies/differences shall be brought to attention of the Architect for clarifications and directions. Notify the Architect prior to any construction work. Liabilities for Construction work undertaken by the Contractor without prior notifications to the Architect for clarifications and directions shall fully rest with the Contractor.
7. Contractor shall Field Verify all Dimensions and Conditions. Notify Architect if the Dimensions and or Conditions differ from what is shown for Directives prior to any construction Work.
8. Contractor shall visit the site and review and familiarize themselves with the existing conditions prior to submission of Bid.
9. All equipment products and Installations for the Fire Suppression system, Exhaust Hood, Exhaust Duct, Exhaust Fan and Makeup Air System, incorporated in this project shall comply with NYSM Code Sections 506, 507, 508 & 509 and UL300, UL710, NFPA 17A (Pre-Engineered Wet Chemical Systems), NFPA 96 (Ventilation Control& Fire Protection of Commercial Cooking Systems, NFPA72 (National Fire Alarm Code); NFPA70 (National Electrical Code) and the MFR's Requirements & directions and Requirements of the LOCAL Fire Marshal/Code Officer.
10. The System specified is based Protex-II Wet Chemical Extinguishing System by HEISER Logistic (800-828-9630). Contractor May provide Equal system.
11. The system shall be installed, Inspected, and Maintained in accordance with the MFR specifications, NYS Mechanical Code (2020) & NFPA 96 & 17A.
12. The System shall be installed by an Authorized Protex Series II Installer DONLY. IF other MFR Equipment is provided, then, the Installer must be an Authorized Installer of that MFR.
13. The operating temperature range of the Protex Series II System is between 32 Deg F Minimum and 120 Deg F Maximum. The Owner shall ensure that the the space temperature shall be kept within the above specified range.
14. The Exhaust Hood Fire suppression System shall comply with the UL300. The Grease Exhaust Fan shall meet UL762- NYSM 506.5.1. The Exhaust Hood TYPE I shall comply with UL710, NYSM 507.2.
15. Notify the Architect immediately if the existing condition(s) differ from what is shown on the drawings DO NOT Proceed with Work till Direction is given by the Architect.
16. DO NOT CUT, modify or change Structural elements (eg: Walls, Columns, Beams,Trusses, Floors, Decking, etc) without prior proper shoring. Notify the Architect prior to any Structural modifications.
17. The Owner is Fully Responsible to Maintain the System in accordance with requirements of the applicable Codes, MFR, & Fire Marshal/Code Officer.
18. Field Verify all Dimensions and Conditions. Notify The Architect IF the condition differ from what is shown and noted on the drawings.
19. All Kitchen equipment including Ex Hood, Exhaust Duct & Fan, shall be UL-Rated and or approved by the Fire Marshal/Code Officer.
20. All Private and or Governmental Fees and Permits related to this Project is by the Contractor.
21. The Contractor is responsible to obtain and secure the Certificate Of Compliance from the government agencies having jurisdiction over the project.
22. Contractor shall notify the Building, Plumbing, Electrical Inspectors and Fire Marshal at proper intervals as required for timely inspection. Do not cover work that requires inspection by AHJ.
23. The Hood shall extend a Minimum of 6' beyond any Kitchen appliances that is protecting except at where adjacent to wall the appliances maybe flushed with the edge of Ex Hood (NYMC Section 507.12 -Exception). The Front-bottom of Ex. Hood shall be Minimum 6'-6" Above the Finish Floor.
24. Patch walls Ceiling, Roof (Watertight), etc as required to match Existing.
25. Provide minimum 3" Air Clearance around the Exhaust Hood and Duct at Non-Combustible and 18" to Combustible at Materials.
26. Contractor shall verify that the Exhaust Hood Fire Suppression System is connected to the a Building Fire Alarm System (if Available) & functions properly. IF no Fire alarm system is present in the Building, The Contractor shall provide a R2P Strobe & Horn by System Sensor, connected to Control Head. It must be activated when the Fire Suppression system is activated.
27. Provide connection to Building Fire Alarm System (if Available) as per NYS Building Code Section 907.
28. Provide hardwire Mechanical Heat Detector by System Sensor, Co. Model 5602 (194 F) in the Kitchen Area, IF no Fire Alarm System in Provided.
29. All Electrical Work shall comply with Federal, NYS & Local Codes, Laws & Regulations. Provide Light Fixtures, receptacles and Switches as per Owner's Request.
30. All Plumbing Work shall comply with NYS & Local Plumbing Codes.
31. All Gas Line work shall comply with NYS Fire Code & Local Codes.
32. All HVAC Work shall comply with NYS Mechanical and Local Codes.
33. The Contractor shall submit the required Drawing(s), Forms and Data, Etc as required by the Local Fire Marshall/Code Officer to obtain the required Permits before any construction work and or installation.
34. The Exhaust Hood and the Fire Suppression System Installed must be tested and approved by the Fire Marshall before use.
35. DO NOT wrap and or enclose the Exhaust Duct till Fire Marshall has inspected the Ex Duct.
36. The Exhaust Duct shall be fully welded and be Fully Welded to the Exhaust Hood Liquid/Smoke tight. All welds shall be grind smooth.
37. Wrap Exhaust Duct Closer than 18" to Combustible and 3' to Non-Combustible Materials. Provide 2-HRS Fire Rated Duct wrap by 3M, Fire Barrier Duct Wrap 615+ or Equal.
38. Provide Gravity and Lateral Supports for Exhaust Duct & Hood as required by NYSM Code Sections 50.3.3 & 507.6 respectively.
39. Seal connection at Ex Hood and Ex Fan Liquid/Smoke tight with Fire Sealant (1500° F) and Fastened with Fasteners at max 4" DC.

**SPECIFICATIONS**

THE RESTAURANT FIRE SUPPRESSION SYSTEM SHALL BE THE PRE-ENGINEERED TYPE WITH A FIXED NOZZLE AGENT DISTRIBUTION NETWORK. IT SHALL BE LISTED WITH UNDERWRITERS LABORATORIES, INC. (UL)

THE SYSTEM SHALL BE CAPABLE OF AUTOMATIC DETECTION AND ACTUATION WITH LOCAL OR REMOTE MANUAL ACTUATION. ACCESSORIES SHALL BE AVAILABLE FOR MECHANICAL DR ELECTRICAL GAS LINE SHUT-OFF APPLICATIONS.

THE EXTINGUISHING AGENT SHALL BE A POTASSIUM CARBONATE, POTASSIUM ACETATE-BASED FORMULATION DESIGNED FOR FLAME KNOCKDOWN AND SECUREMENT

THE REGULATED RELEASE MECHANISM SHALL BE COMPATIBLE WITH A FUSIBLE LINK DETECTION SYSTEM. THE FUSIBLE LINK SHALL BE SELECTED AND INSTALLED ACCORDING TO THE OPERATING TEMPERATURE IN THE VENTILATING SYSTEM. THE FUSIBLE LINK SHALL BE SUPPORTED BY A DETECTOR BRACKET/ LINKAGE ASSEMBLY.

**3' EX HOOD - 1.6 Gal Cylinder**

1. 1st to Last Noz Piping Vol.
2. 8.4'x37.5mls/ft = 315 < 600 → OK

1. Total Pipe Volume
2. (12.8'x37.5mls/ft) = 480 < 1500 → OK

USE 3/8" Black iron Pipe

**CONTROL HEAD-MCH2 NOTES:**

A. MCH2 Fusible Link Limitations, 90KBS&90SB Pulleys

1. Max No of Detectors: 20

2. Max Length of Cable: 150 Ft

3. Max No of Pulleys: 40

B. RPSM Cable Limitations w/MCH2, 90KBS & 90SB Pulleys

1. Max Length of Cable: 150 Ft

2. Max No of Pulleys: 40

C. Gas Valve Cable Limitations with MCH2 & 90KBS & 90SB Pulleys

1. Max length of Cable (1/2") 100 Ft

2. Max No of Pulleys: 30

D. Contact Rating for Electrical Switches

1. 21 Amps 1HP, 125, 250, 277 Vac or 2HP, 250 ,277 VAC

**GENERAL FIRE SUPPRESSION PIPING NOTES:**

1. Maximum elevation difference between the Tank outlet & and Nozzle is 9 Feet.
2. The total number of Elbow shall be 25 in the System.
3. Maximum number of Elbows between a Nozzle & the preceding Tee shall be 5.
4. L6000 System Must be Split Piping DONLY, with no Nozzle located before the Split and with a Maximum of 14 Flow Points per side and Min 1/2"ø Piping must be used up to first Split.
5. Maximum Pipe Volume for L1600 (5 Pts) shall not exceed 1500 Milliliters. Maximum Volume First & Last Nozzle shall not exceed 600 Milliliters.
6. (Miles)Maximum Pipe Volume for L3000 (10 Pts) shall not exceed 1910 Milliliters. Maximum Volume First & Last Nozzle shall not exceed 1125 Milliliters (Miles).
7. Maximum Pipe Volume for L4600 (15 Pts) shall not exceed 2600 Milliliters. Maximum Volume First & Last Nozzle shall not exceed 2000 Milliliters (Miles).
8. Maximum Pipe Volume for L6000 (20 Pts) shall not exceed 3465 Milliliters. Maximum Volume First & Last Nozzle shall not exceed 1313/Side Milliliters (Miles).
9. Piping Volume Chart:
  - a. 1/2" Pipe = 20.5 mls/ft
  - b. 3/8" Pipe = 37.5 mls/ft
  - c. 1/4" Pipe = 59.8 mls/ft
  - d. 3/4" Pipe = 105.0 mls/ft

Project:

**Hookah Lounge**

376 Jefferson Road  
Rochester, New York 14623

Owner:

**Aladdin Hookah Spot, Inc.**

376 Jefferson Road  
Rochester, New York 14623

Architect:



333 Glen Haven Road  
Rochester, New York 14609  
Tel/Fax: (585) 654-6000  
Mobile: 585-739-6000  
Email:GRH@rochester.rr.com

Consultant:

**Revisions:**

No	Description	By	Date

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Sheet Title:

**General & FSS Notes**

Project Manager: RH	Scale:
Project Architect: RH	
Drawn by: RH	
Checked by: RH	
Project No: 12920	
Date Issued: 12-28-20	
Scale: NTS	
Drawing Number:	

Project:

# Hookah Lounge

376 Jefferson Road  
Rochester, New York 14623

Owner:

## Aladdin Hookah Spot, Inc.

376 Jefferson Road  
Rochester, New York 14623

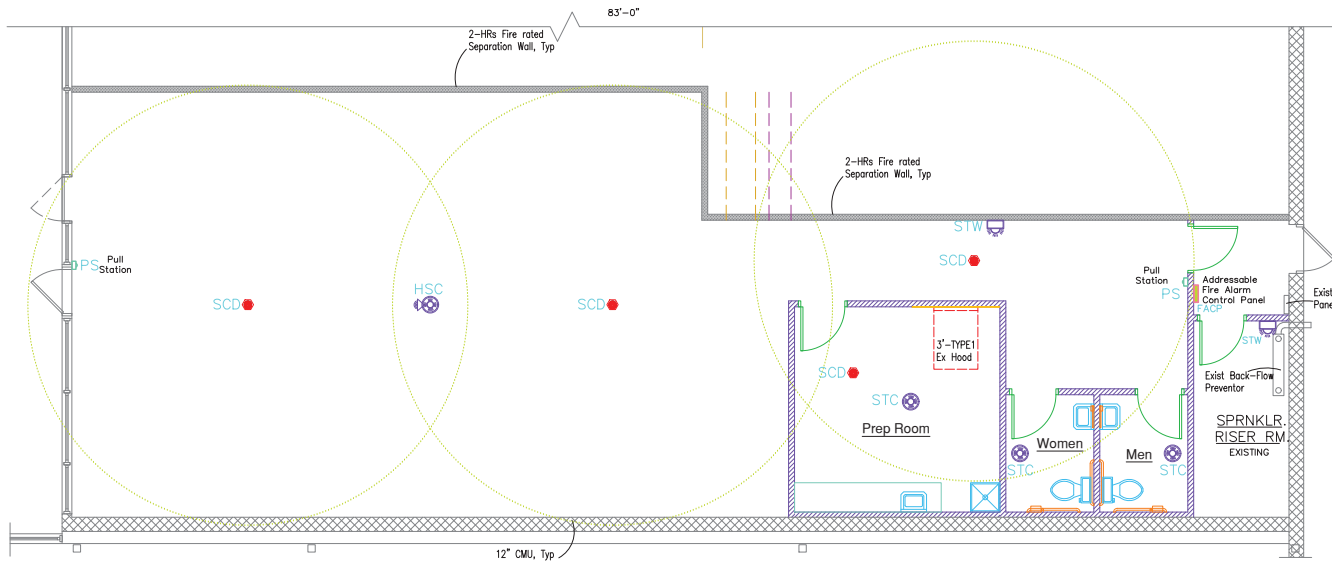
Architect:



333 Glen Haven Road  
Rochester, New York 14609  
Tel/Fax: (585) 654-6000  
Mobile: 585-739-6000  
Email: GRH@rochester.rr.com

Consultant:

FIRE ALARM LEGEND & DATA			
SYMBOLS	QTY	DESCRIPTIONS	WIRING TYPE
FACP	1	Addressable Fire Alarm panel	18/2 TP
RBSD	1	Single-Ended Reflective Addressable Beam Smoke Detectors	18/2 & 16/2 TP
SD	24	Addressable Loop Smoke Detectors	18/2 TP
HD	NA	Addressable Loop Heat Detectors	18/2 TP
HD/SD	NA	Addressable Loop Heat-Smoke Detectors Combo	18/2 TP
HSW	2	Wall-Horn & Strobe Combo, NAC	16/2 TP
HSC	NA	Ceiling-Horn & Strobe Combo, NAC	16/2 TP
STW	3	Wall-Strobe, NAC	16/2 TP
STC	6	Ceiling-Strobe, NAC	16/2 TP
DD	1	Addressable Duct Detector	18/2 TP
WPS	NA	Water Pressure Switch (WPS)	
APS	NA	Air Pressure Switch (APS)	
PS	2	Pull Station	18/2 TP
PS	2	Control Module	18/2 TP

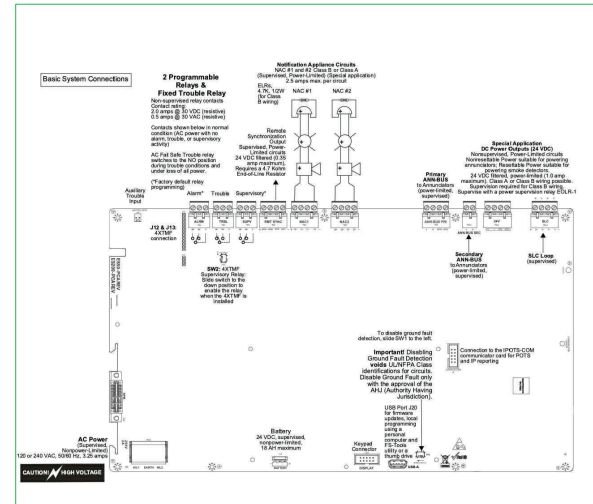
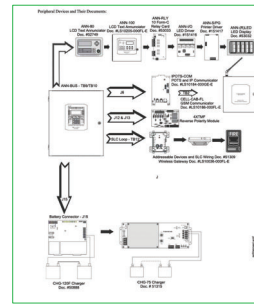
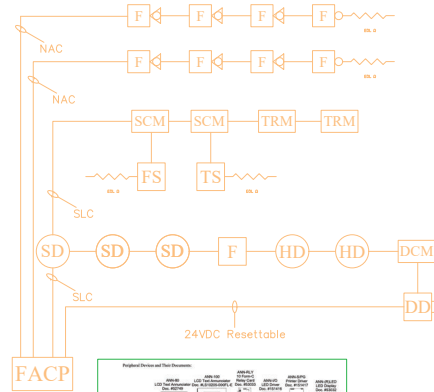


**GENERAL NOTES:**

- All work shall comply with applicable Federal, New York State (2020) and Local Laws, Regulations and Codes.
- The Fire Alarm System shall be Electrically Interlocked with the Emergency Gas Shutoff System. When Either system is activated, the entire Fire Alarm system and Emergency Shutoff system shall be activated.
- All work shall comply with requirements of the NFPA 72, 2013 Edition, NYS Building Code, Section 907, NYS Fire Code and the Fire Marshal.
- All Fire Alarm Wiring Work shall comply with NFPA 70 & National Electrical Code (NEC) latest version.
- All Fire Alarm System shall be UL listed.
- Provide Manual Smoke/Fire Alarm System. The Automatic Smoke and or Fire Detection and Carbon Monoxide System shall be connected to the Building Fire Alarm System if any-Coordinate with Property Owner).
- The Wall-Mounted Strobes/Horns shall be installed at 84" above Finish Floor.
- The HVAC System, unit shall be shutdown when the Fire Alarm System is activated.
- Provide Visible alarm (Strobes) as shown on the plan and as per NFPA 72 and NYS Building Code (NYSBC-2020) Section 907.
- Provide Audible Alarm (Sound Horns) as required by NFPA 72, and NYS Building Code (NYSBC-2020) Section 907.
- Contractor shall Verify all Field conditions & Test the entire System to ensure all parts of the System is functioning properly. Contractor shall notify the Fire Marshall for inspection as required.
- Provide Smoke Duct Detectors in the Exhaust Duct.
- The Fire Alarm System shall be connected to a Central Station and be monitored at all times.

**Fire Alarm System (FAS) Notes:**

- The Fire Alarm System shall be Addressable and approved by the Fire Marshall.
- Provide HONEYWELL, Fire-Lite Model No ES-50X Fire Alarm Control Panel or Equal.
- All Accessory Devices (SD, HD, DD, Strobe, Horn, etc) shall be by the same MFR or approved by the MFR of the FACP and Fire Marshall when different part of the System are by different MFR. Contractor shall ensure all parts of the Fire Alarm System are compatible.
- All SLC Wiring shall be Twisted-Pair (TP) to minimize the effect of electrical interferences.
- Provide Fast-Response low-profile Heat Detector that activates at 190° F if required.
- Provide Smoke Duct Detectors in the Exhaust Duct Approx. 6 feet from Exhaust Fan. The Owner shall Keep the Inside Temperature of the Restaurant at Approx 60-80° F.
- Provide Addressable Monitor Module for Exhaust Hoods Fire Suppression system.
- Provide End of Line Resistors as required.
- Provide an Addressable Annunciator at Front Exit Door, if required by Fire Marshall and or Fire Department having jurisdiction over the Project.
- Connect The panel via a Relay Module to Main Panel (Coordinate all work with Property Owner).
- Provide Addressable Monitor Module for the Exhaust Hood Fire Suppression System.



**Revisions:**

No.	Description	By	Date

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Sheet Title:

## Fire Alarm System Plan

Project Manager: RH	Seal:
Project Architect: RH	
Drawn by: RH	
Checked by: RH	
Project No: 12020	
Date Issued: 12-28-20	
Scale: 1/4" = 1'-0"	
Drawing Number:	