



Addendum 3

Date: 7/12/18

1. This project is not prevailing wage **Correct.**
2. This project is not tax-exempt **Correct.**
3. On the roof plan there is no wall detail notes that say what detail goes with what wall on the print **We will add Wall Section Cuts on the Revised Roof Plan.**
4. Looking over the plans for the Sugarfire project in Wentzville, and I was wondering, can you confirm that the interior partition walls are made of 25GA or 20GA metal studs? The structural drawings show 16GA columns and exterior walls, but didn't find anything for the interior partitions. **Install all metal studs, framing channels & suspension systems in compliance with size, spacing & type as recommended by the Metal Stud Manufacturer's Specifications.**
5. Just want to point out our scope, and that the WOOD WINDOWS (no spec's) at the Outdoor Restrooms would be provided "by others" as we don't do pre-fabbed mill work wood windows. **Windows can be wood clad aluminum or wood windows. Provide operable per drawings and all with frosted glass.**
6. Also see hi-lited plan notes - the Door 125a needs to be addressed -Mike thought it should be Alum? , and there are (2) # 103's shown / No # 102 shown - I figure it's the one next to 101 ? - - and see the hardware(attached) for #103 looks like it needs LOCKING ADDED? - it will be an exterior door either way...
On the Door Schedule - Door #102 should be 103A located at the Front Entrance/Exit. Door 103 should be #103B located at Dining 103B (from Dining to Patio). Both doors need locks.
7. We've downloaded the drawings and Addendum #1, and I don't see a list of finishes. We have Carpet tile and ceramic wall tile. Are we missing something or am I overlooking it? **We will provide a carpet tile and a porcelain tile spec in a separate email.**
8. I am looking for clarification on where we need to figure metal soffit on Sugarfire. Its shown on the outdoor restroom plan on drawing A5.7. I don't see any soffit shown on the RCP drawing A2.3. **The soffit for the outdoor restrooms to be a distressed wood soffit.**
9. What is the wood species? **Southern Pine, Pre-Engineered Wood Trusses to have upgraded hardware, field stained with two (2) coats of Penofin Verde, Color to be selected by Owner & Architect.**
10. What is the solid surface material? **Corian for bidding purposes.**
11. Is the base a simple 1x6 S4S or is there a profile? **Yes, simple 1x6.**



12. Are there details for Beverage 102, Server station 122, Open Office casework, Take Out casework?

13. The lift gate for outside bar has us concerned

14. Are you planning for a dry pipe system to be implemented under the overhangs outside? I've been told that Wentzville doesn't care whether overhangs are combustible or not, as long as they are 4ft wide or more they require sprinkler protection. I just wanted to know if you were expecting this or not so that I don't add this in and my price is sky high.

Dry barrel heads connected to the wet system inside can be mounted on the adjoining exterior wall for this application.

15. See Attached. This is a sketch of what I was asking about on Friday. Hopefully makes it a little clearer **See attached updated Roof Plan.**

16. what hardware is req'd for aluminum doors? **Key-operated locking devices.**

17. exterior note (E) on sht. A3.1 says clear glass and glass types on sht. A6.1 say bronze? **Per the Addendum No.1 Sheet A6.1 - Provide clear glass for Base Bid. Provide an Alternate for Solar Bronze.**

18. doors #118a & 118b both marked as type 5 frames but are shown different on floor plan? **118a & 118b are both Aluminum Storefront Doors in Aluminum Frames marked as Frame Type "W5" on the Door Schedule Sheet A6.1.**

19. aluminum doors glazed w/ 1/4" or 1" insulated glass? **1" insulated glass.**

Mechanical Clarifications:

M1.0 – Add i2 insulation: i2 is a 2" wrap, similar to i1, but 2".

M2.0 – The exposed supply ductwork in Dining Hall 103 and Banquet Center 121 do not get insulation at all; the returns should be lined (i3). Ductwork in Indoor Patio Dining 118 shall be the only ductwork with i2. This area also gets the alternate bid for double-wall ductwork.

GENERAL NOTES:

- COORDINATE MECHANICAL, PLUMBING, ELECTRICAL AND FIRE PROTECTION EQUIPMENT SYSTEMS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- INSTALLATION OF ALL ROOFING COMPONENTS, ACCESSORIES, ETC., SHALL BE INSTALLED IN A MANNER WHICH PROVIDES POSITIVE DRAINAGE TO THE ROOF DRAINS, GUTTER & DOWN SPOUTS - NO WATER PONDING ALLOWED.
- SHEET METAL CONTRACTOR SHALL PROVIDE DETAILED SHOP DRAWING OF GUTTER BOX, DOWNSPOUTS AND FLASHINGS FOR REVIEW AND APPROVAL BY THE ARCHITECT PRIOR TO FABRICATION AND INSTALLATION.
- PROVIDE SINGLE PLY MEMBRANE FLASHING OVER ALL WOOD CURBS AND TOP WITH PRE-FINISHED METAL CAP.
- ROOFING CONTRACTOR TO FLASH AND SEAL ALL ROOF PENETRATIONS ACCORDING TO ROOFING SPECIFICATIONS AND WARRANTIES.
- COORDINATE ROOF HATCH AND ROOF TOP UNIT SIZES AND LOCATIONS WITH MECHANICAL & STRUCTURAL PLANS.
- SEE MECHANICAL AND PLUMBING DRAWINGS FOR ACTUAL ROOF PENETRATIONS AND LOCATIONS.
- COORDINATE ROOFTOP UNITS WITH STRUCTURAL DRAWINGS FOR MOUNTING AND SUPPORT.
- ALL ROOF DRAINS ARE TO CONNECT TO STORM SEWER. COORDINATE WITH CIVIL AND PLUMBING DRAWINGS.



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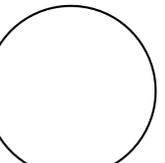
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New Restaurant, Banquet Center
& Corporate Offices at The Junction for:
Sugarfire Smoke House
600 West Main
Wentzville, Missouri 63385

DATE	ISSUE
6-18-18	Owner & Bid Set
6-27-18	Addendum No 1
7-9-18	Permit Set
7-11-18	Roof Clarifications

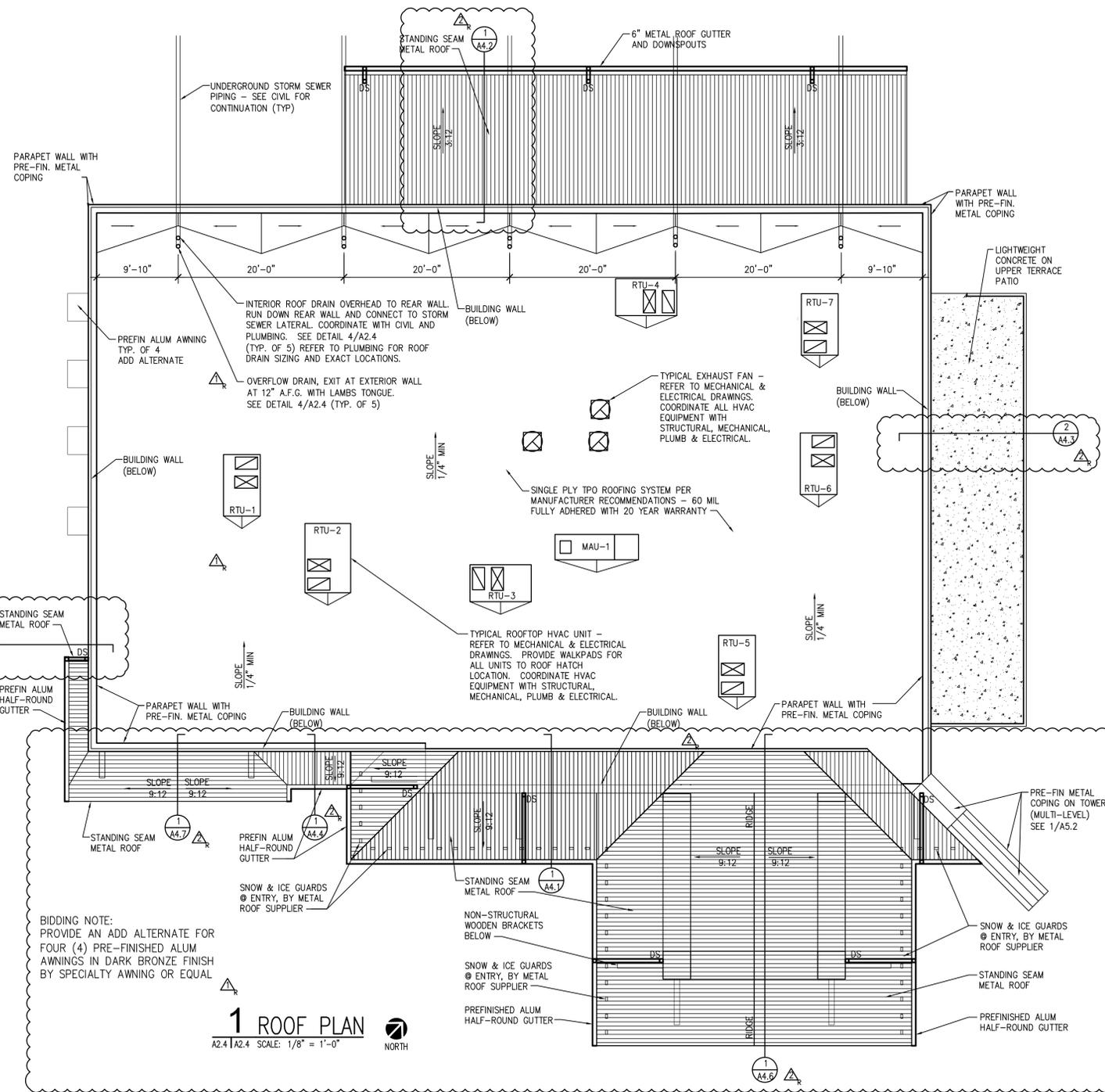


Michael J. Baalman
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PROJECT MANAGER: MJB
DRAWN BY: JKL

PROJECT NUMBER
16-076
DATE
June 18, 2018

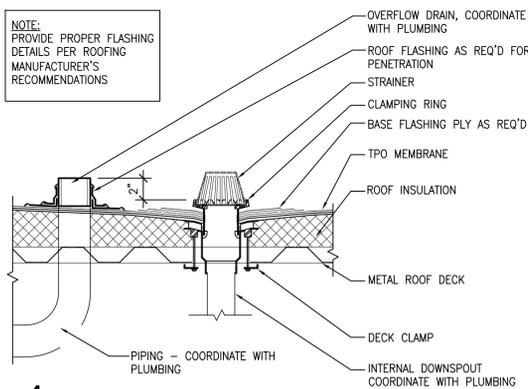
SHEET
A2.4
ROOF PLAN
& DETAILS



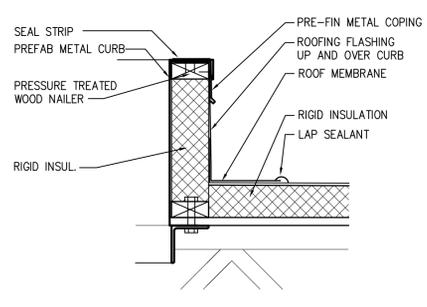
2 NOT USED
A2.4 | A2.4 SCALE: 1" = 1'-0"

3 NOT USED
A2.4 | A2.4 SCALE: 1" = 1'-0"

1 ROOF PLAN
A2.4 | A2.4 SCALE: 1/8" = 1'-0"

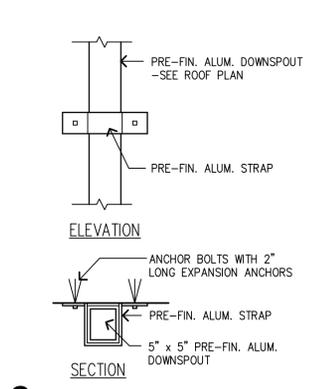


4 ROOF DRAIN DETAIL
A2.4 | A2.4 SCALE: 1 1/2" = 1'-0"

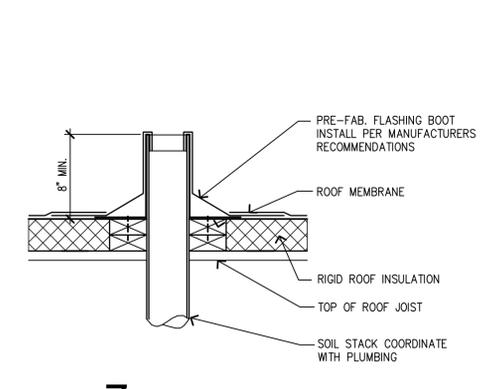


NOTE: COORDINATE WITH MECHANICAL FOR SPECIFIED CURB. COORDINATE WITH STRUCTURAL FOR SUPPORT/CONNECTIONS.

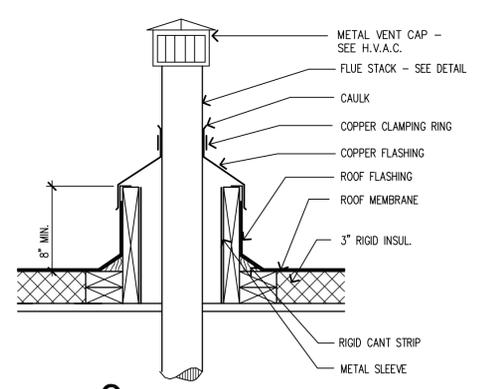
5 ROOF CURB DETAIL
A2.4 | A2.4 SCALE: 1 1/2" = 1'-0"



6 DETAIL at DOWNSPOUT
A2.4 | A2.4 SCALE: 1 1/2" = 1'-0"



7 TYP SOIL STACK DETAIL
A2.4 | A2.4 SCALE: 1 1/2" = 1'-0"



8 FLUE DETAIL
A2.4 | A2.4 SCALE: 1 1/2" = 1'-0"

AIR BALANCE - RESTAURANT		
EQUIPMENT	EXHAUST CFM	MAKE-UP AIR CFM
EF-1,2	150	
RTU-1		120
RTU-2		600
TOTALS	150	720
SPACE AIR BALANCE		POSITIVE 570

AIR BALANCE - BANQUET		
EQUIPMENT	EXHAUST CFM	MAKE-UP AIR CFM
EF-3,4	300	
KEF-1	2000	
KEF-2	2000	
KEF-3	2115	
MAU-1		4892
RTU-3		165
RTU-4		165
RTU-5		710
RTU-6		535
RTU-7		500
TOTALS	6415	6967
SPACE AIR BALANCE		POSITIVE 552

ROOFTOP UNIT SCHEDULE															* TRANE			
PLAN MARK	MODEL NUMBER *	CFM	O.A. CFM	E.S.P. IN WG	COOLING CAPACITY		EVAPORATOR		HEATING CAPACITY		DRIVE	BHP (HP)	RPM	V/PH/Hz	MCA/MOCP	WEIGHT (LBS)	NOTES	
					TU/SENS. (MBH)	EER (SEER)	E.A.T. (DB/WB)	L.A.T. (DB/WB)	INPUT (MBH)	OUTPUT (MBH)								AFUE
RTU-1	YHC047E3RLA	1800	120	0.45	46.18/36.53	17.5	73.67 / 61.44	54.88 / 52.23	60	49	81	DIRECT	0.59	836	208 / 3 / 60	29.4 / 40	976	1
RTU-2	YHC120F3RLA	3700	600	0.5	106.26 / 87.62	12.4	76.05 / 63.44	54.12 / 53.19	150	120	80	DIRECT	0.82	1282	208 / 3 / 60	46.1 / 60	1608	1,2,3,5,6
RTU-3	YHC092F3RLA	2400	165	0.5	82.68 / 60.02	12.6	76.51 / 64.2	53.35 / 52.19	120	96	80	DIRECT	0.60	960	208 / 3 / 60	41.9 / 50	1291	1,4,5
RTU-4	YHC092F3RLA	2400	165	0.5	82.68 / 60.02	12.6	76.51 / 64.2	53.35 / 52.19	120	96	80	DIRECT	0.60	960	208 / 3 / 60	41.9 / 50	1291	1,4,5
RTU-5	YHC092F3RMA	3000	710	0.5	88.38 / 66.92	12.6	77.92 / 64.94	57.27 / 55.02	150	120	80	DIRECT	0.97	1137	208 / 3 / 60	41.9 / 50	1291	1,2,3,5,6
RTU-6	YHC067E3RHA	2000	535	0.5	57.97 / 44.42	17.2	78.69 / 65.54	58.12 / 55.95	130	104	80	DIRECT	0.72	950	208 / 3 / 60	32.2 / 45	999	1,5
RTU-7	YHC102F3RMA	3400	500	0.5	93.73 / 75.34	12.5	75.68 / 63.13	55.16 / 53.53	150	120	80	DIRECT	1.00	1240	208 / 3 / 60	42 / 50	1300	1,2,3,5

NOTES: 1. PROVIDE WITH ROOF CURB, INTEGRATED DIFFERENTIAL ENTHALPY CONTROLLED ECONOMIZER WITH BAROMETRIC RELIEF, FACTORY INSTALLED DISCONNECT AND GFI OUTLET, HAIL GUARDS, AND MINIMUM DUAL STAGE COOLING.
2. PROVIDE WITH SINGLE ZONE VAV CONTROL AND ZONE TEMPERATURE SENSOR.
3. PROVIDE WITH HOT GAS REHEAT AND RETURN AIR HUMIDITY SENSOR.
4. PROVIDE WITH POWER EXHAUST.
5. RETURN AIR SMOKE DETECTOR FURNISHED AND INSTALLED BY E.C.
6. PROVIDE WITH DEMAND CONTROL VENTILATION AND SPACE MOUNTED CO2 SENSOR.

EXHAUST FAN SCHEDULE											* LOREN COOK	
PLAN MARK	MODEL NUMBER *	CFM	E.S.P. (IN. WG)	HP (WATT)	RPM	DRIVE	SONES	WEIGHT	V/PH/Hz	NOTES		
EF-1,2	GC-146	75	0.3	(33)	900	DIRECT	1.5	16	115 / 1 / 60	1		
EF-3,4,5,6	GC-186	150	0.4	(68)	894	DIRECT	3.0	17	115 / 1 / 60	1		

NOTES: 1. FURNISH FAN WITH FACTORY MOUNTED DISCONNECT, PRE-WIRED FAN SPEED CONTROLLER, BACKDRAFT DAMPER, ISOLATOR KIT, AND ALUMINUM GRILLE.

GRILLE, REGISTER, AND DIFFUSER SCHEDULE										* TITUS	
PLAN MARK	MODEL NO. *	NECK SIZE	FACE SIZE	MAX CFM	P.D.	BORDER	PATTERN	FINISH	NOTES		
SA1	OMNI	60	24"x24"	135	0.1	TYPE 3	4-WAY	#26	2,4		
SA2	OMNI	80	24"x24"	240	0.1	TYPE 3	4-WAY	#26	2,4		
SA3	OMNI	100	24"x24"	380	0.1	TYPE 3	4-WAY	#26	2,4		
SB1	PAR	12"Ø	24"x24"	400	0.09	TYPE 3	PERF.	#26	4,5		
SC1	S300 FL	20"x4"	22"x6"	300	0.1	SPIRAL	2-WAY	#04	3		
SC2	S300 FL	26"x4"	28"x6"	410	0.1	SPIRAL	2-WAY	#04	3		
SD1	300 RL	6"x6"	8"x8"	140	0.1	TYPE 1	2-WAY	#26			
RA1	355 RL	22"x10"	24"x12"	740	0.08	TYPE 3	-	#26	1,2		
RA2	355 RL	22"x22"	24"x24"	1700	0.08	TYPE 3	-	#26	1,2		
RB2	50F	26"x26"	28"x28"	3400	0.1	TYPE 3	-	#26	1		

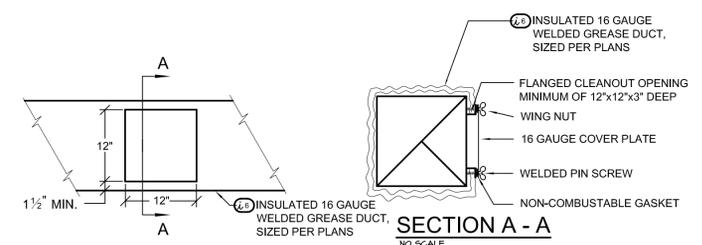
NOTES: 1. PROVIDE WITH OPPOSED BLADE BALANCING DAMPER.
2. PROVIDE FRAME WITH NO SCREW HOLES FOR LAY-IN CEILING INSTALLATION.
3. PROVIDE WITH AIR SCOOP DEVICE.
4. SECURE GRILLE/DIFFUSER TO CEILING GRID WITH A MINIMUM OF (4) #10 TECH SCREWS.
5. RETURN GRILLE USED AS SUPPLY TO MINIMIZE AIR CURRENTS NEAR KITCHEN HOODS.

DUCT INSULATION SCHEDULE							
ID TAG	MATERIAL	FORM	THICKNESS	R-VALUE	NO. OF LAYERS	FIELD APPLIED JACKET	VAPOR RETARDER REQUIRED
1.1	MINERAL-FIBER BLANKET (0.26/0.75)	N/A	1"	3.8	ONE	FOIL & PAPER	YES
1.2	MINERAL-FIBER BLANKET (0.26/0.75)	N/A	2"	3.8	ONE	FOIL & PAPER	YES
1.3	LINER (0.24/1.5)	N/A	1"	4.2	ONE	NONE	YES
1.6	SCRIM-ENCAPSULATED FIRE RESISTANT BLANKET (0.24/6.0)	WRAP	1 1/2"	6.3	TWO	NONE	NO

GENERAL NOTE: DUCT SIZES INDICATED ON DRAWINGS ARE SHEET METAL SIZE AND INCLUDE LINER SPECIFIED.

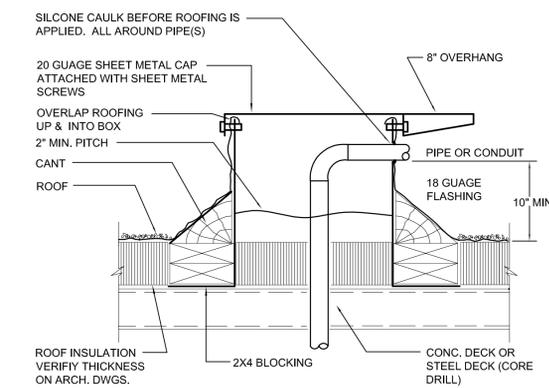
NATURAL GAS CONNECTION SCHEDULE						
EQUIPMENT	KITCHEN EQUIPMENT TAG	MECH/PLBG EQUIPMENT TAG	MBH	EQUIPMENT PRESSURE	NOMINAL DELIVERY PRESSURE	NOTES
SMOKER	(13)	-	82.5	7-14" W.C.	1/2 PSI	1, 2, 3
SMOKER	(13)	-	82.5	7-14" W.C.	1/2 PSI	1, 2, 3
SMOKER	(13)	-	82.5	7-14" W.C.	1/2 PSI	1, 2, 3
CONVECTION OVEN	(34)	-	80.0	7-14" W.C.	1/2 PSI	1, 2, 3
BRAISING PAN	(35)	-	104.0	7-14" W.C.	1/2 PSI	1, 2, 3
RANGE	(41)	-	230.0	7-14" W.C.	1/2 PSI	1, 2, 3
CHAR BROILER	(42)	-	58.0	7-14" W.C.	1/2 PSI	1, 2, 3
GRILL	(46)	-	120.0	7-14" W.C.	1/2 PSI	1, 2, 3
SALAMANDER BROILER	(48)	-	30.0	7-14" W.C.	1/2 PSI	1, 2, 3
FRYER	(49)	-	150.0	7-14" W.C.	1/2 PSI	1, 2, 3
GAS WATER HEATER	-	GWH-1	199.0	7-14" W.C.	1/2 PSI	1, 3
MAKE UP AIR UNIT	-	MAU-1	349.5	7-14" W.C.	1/2 PSI	1, 3
ROOFTOP UNIT	-	RTU-1	60.0	7-14" W.C.	1/2 PSI	1
ROOFTOP UNIT	-	RTU-2	150.0	7-14" W.C.	1/2 PSI	1
ROOFTOP UNIT	-	RTU-3	120.0	7-14" W.C.	1/2 PSI	1
ROOFTOP UNIT	-	RTU-4	120.0	7-14" W.C.	1/2 PSI	1
ROOFTOP UNIT	-	RTU-5	150.0	7-14" W.C.	1/2 PSI	1
ROOFTOP UNIT	-	RTU-6	130.0	7-14" W.C.	1/2 PSI	1
ROOFTOP UNIT	-	RTU-7	150.0	7-14" W.C.	1/2 PSI	1
TOTAL			2448.0			

NOTES: 1. GAS PRESSURE REGULATOR AND FINAL CONNECTION TO ALL EQUIPMENT PROVIDED BY M.C. VENT REGULATOR PER MANUFACTURER'S AND AHJ'S INSTRUCTIONS.
2. PROVIDE FLEXIBLE GAS CONNECTION SAFETY KIT FOR KITCHEN EQUIPMENT, BY M.C. SAFETY KIT SHALL BE SIMILAR TO DORMONT SAFETY SYSTEM, COMPLETE WITH "SAFETY QUIK" DISCONNECT VALVE, SWIVEL, AND SAFETY RESTRAINT CABLE.
3. EQUIPMENT PROVIDED BY OTHERS.

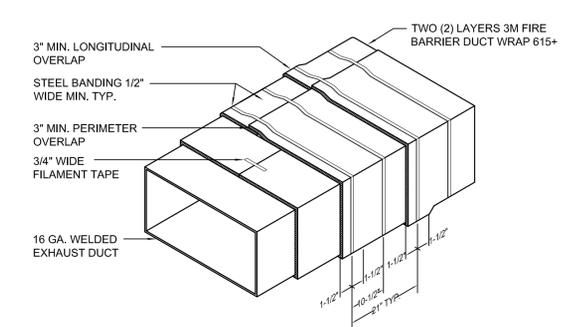


NOTE: WHEN DUCT DIMENSIONS ARE NOT LARGE ENOUGH TO ACCOMMODATE 12"x12" CLEANOUT, CLEANOUT SHALL BE LOCATED IN ACCORDANCE WITH INTERNATIONAL MECHANICAL CODE 2003 SECTION 506.3.9.

1
M1.0
DETAIL OF WELDED GREASE DUCT CLEANOUT
NO SCALE

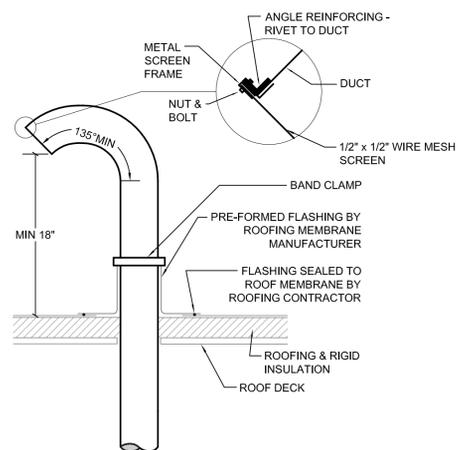


3
M1.0
PIPING THRU ROOF DETAIL
NO SCALE



NOTES:
1. PROVIDE 3M FIRE BARRIER DUCT WRAP 615+, TESTED IN ACCORDANCE WITH ASTM E2336 AND ICC-ES AC101.
2. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. INSTALLATION INSTRUCTIONS SHALL BE AVAILABLE ON THE JOB SITE AT ALL TIMES.
3. LAYER 3M FIRE BARRIER DUCT WRAP 615+, AS DETAILED FOR ZERO CLEARANCE TO COMBUSTIBLES.
4. FIELD MEASURE AND PRECUT DUCT WRAP.
5. PROVIDE REMOVABLE PANELS FOR ACCESS TO CLEANOUTS AS REQUIRED BY CODE AND AS NOTED ON PLANS.

2
M1.0
TYPICAL SECTION THROUGH TYPE I HOOD EXHAUST DUCT
NO SCALE



4
M1.0
GOOSENECK DETAIL
NO SCALE



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New Restaurant, Banquet Center
& Corporate Offices at The Junction for:
Sugarfire Smokehouse
600 West Main
Wentzville, Missouri 63385

DATE	ISSUE
06-18-18	OWNER BID SET
06-26-18	ADDENDUM #1
07-09-18	PERMIT SET
07-11-18	CLARIFICATIONS

Expiration Date: Dec. 31, 2019



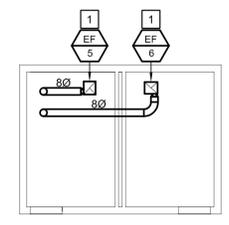
Kevin S. Griesemer
ENGINEER

DRAWN BY: ASB, JD, DS

PROJECT NUMBER
16-076
DATE
June 15, 2018

SHEET
M1.0

SCHEDULES - MECHANICAL

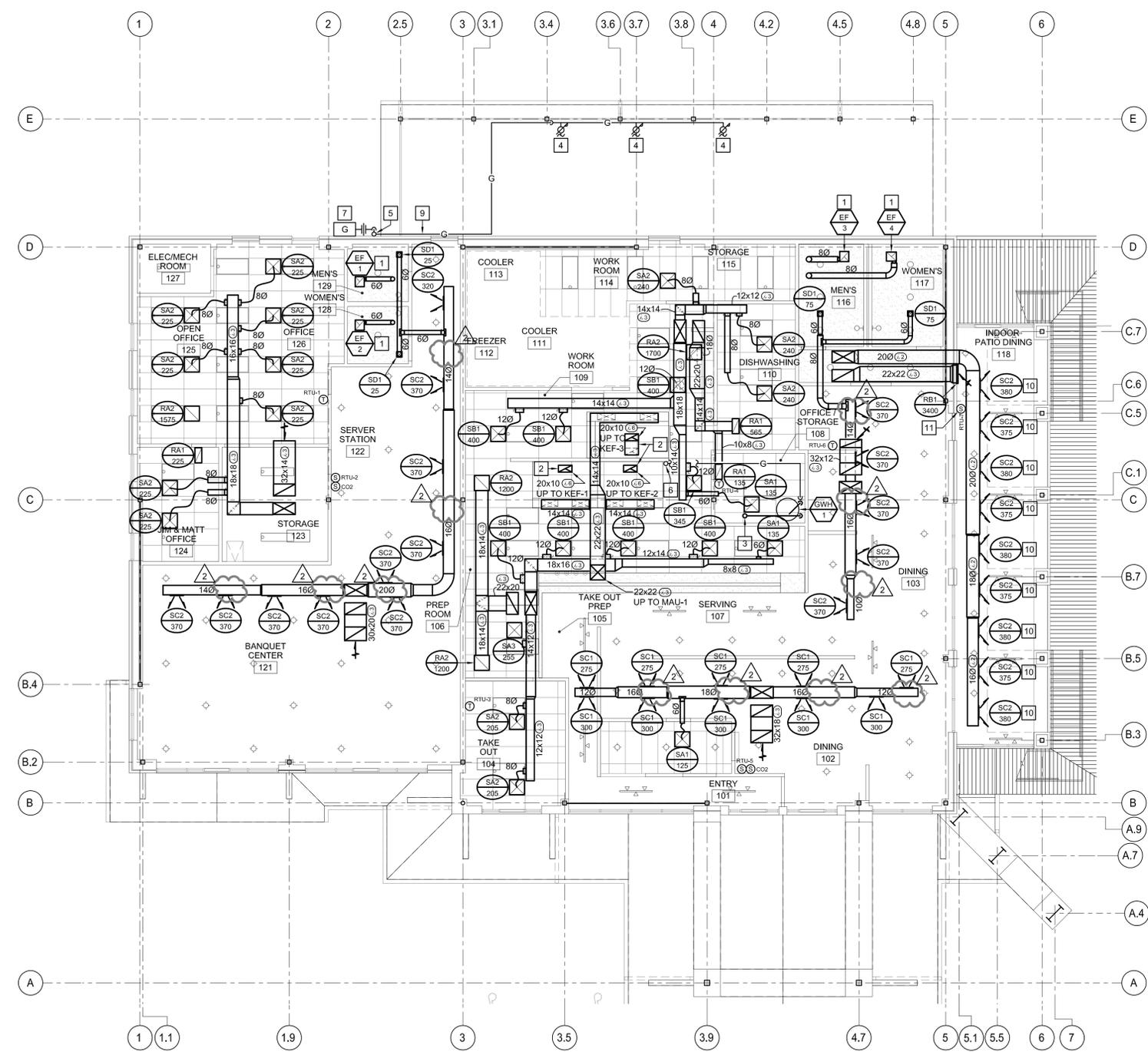


GENERAL NOTES - MECHANICAL

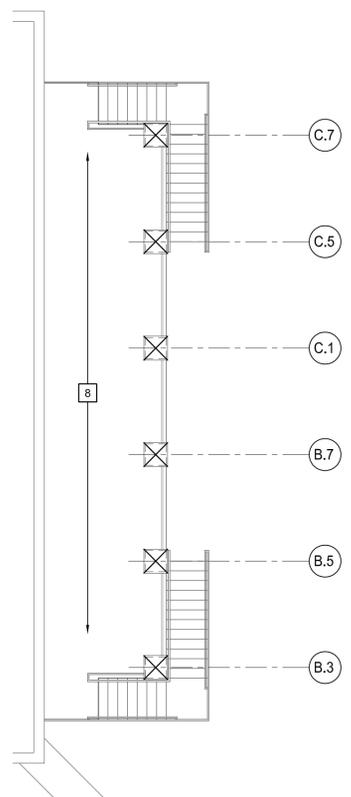
- A. WHERE DUCTS PENETRATE THE ASSEMBLY, FIRE STOP CAULK SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION GUIDELINES AND U.L. LISTED TESTING APPROVALS.
- B. THE MECHANICAL CONTRACTOR SHALL PROTECT ALL OPEN DUCT, PIPING, AND MECHANICAL EQUIPMENT FROM CONSTRUCTION DUST AND DIRT. MECHANICAL SYSTEMS SHALL NOT BE OPERATED DURING CONSTRUCTION EXCEPT WHERE WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER AND OWNER. WHEN APPROVAL IS ISSUED, PROTECT EACH RETURN AIR DUCT OPENING WITH MERV 8 FILTERS AND INSTALL MERV 8 FILTER(S) IN EQUIPMENT FILTER RACK, PRIOR TO TESTING AND BALANCING. REMOVE FILTERS AND INSTALL NEW MERV 8 FILTERS. AT COMPLETION OF CONSTRUCTION, REMOVE CONSTRUCTION FILTERS AND REPLACE EQUIPMENT FILTERS WITH NEW FILTERS.
- C. ELBOWS IN MECHANICAL SYSTEMS DUCTS SHALL BE HELD TO A MINIMUM. COORDINATE LOCATION OF DUCTS WITH OTHER TRADE CONTRACTORS PRIOR TO STARTING WORK.
- D. ADEQUATE SPACE SHALL BE PROVIDED FOR THE FIRE SUPPRESSION SPRINKLER PIPING. COORDINATE DUCT ELEVATIONS WITH FIRE SPRINKLER CONTRACTOR PRIOR TO START OF CONSTRUCTION.
- E. COORDINATE DUCT OPENINGS IN THE WALL FRAMING WITH THE FRAMING CONTRACTOR OR FOUNDATION OPENING WITH FOUNDATION CONTRACTOR PRIOR TO START OF CONSTRUCTION.
- F. OFFSETS AND TRANSITIONS ARE TO BE PROVIDED FOR COORDINATION WITH OTHER SYSTEMS AND THE BUILDING STRUCTURE.
- G. COORDINATE ACTUAL ROUTE OF SUPPLY, RETURN, EXHAUST DUCT, AND MECHANICAL PIPING ROUTES IN THE FIELD. COORDINATE WITH ARCHITECTURAL AND STRUCTURAL CONDITIONS.
- H. COORDINATE DUCTWORK DROPS WITH STRUCTURAL COMPONENTS.
- I. EQUIVALENT AREA DUCTS AND MODIFICATIONS TO LAYOUT ARE ACCEPTABLE BASED ON FIELD CONDITIONS AND COORDINATION.
- J. PRIOR TO THE START OF CONSTRUCTION, THE MECHANICAL CONTRACTOR SHALL COMPLETELY REVIEW AND CONFIRM THE INTENDED RETURN AIR PATH TO MECHANICAL EQUIPMENT IS OPEN AND WILL BE FUNCTIONAL. CONFIRM AGAIN, PRIOR TO THE AIR BALANCE OF THE MECHANICAL SYSTEM.
- K. ALL EXPOSED SUPPLY, RETURN, EXHAUST DUCTWORK AND FITTINGS SHALL HAVE MILL PHOSPHATIZED (PAINT GRIP) FINISH FOR FIELD PAINTING BY PAINTING CONTRACTOR. DUCT AND FITTING CONSTRUCTION AND INSTALLATION SHALL BE OIL FREE.
- L. COORDINATE LOCATION AND SUPPORTS OF MECHANICAL UNITS WITH OTHER TRADES.
- M. ALL RETURN GRILLES TO BE INSTALLED WITH RETURN AIR BOOT. REFER TO DETAIL 11/M101 FOR RETURN BOOT INSTALLATION.
- N. SEE GAS PIPE DIAGRAM FOR ALL NATURAL GAS PIPE SIZES.

MECHANICAL NOTES - MECHANICAL

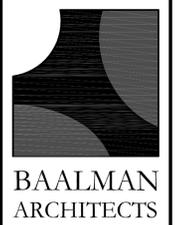
- 1. PROVIDE CEILING EXHAUST FAN AS SCHEDULED AND SPECIFIED, WITH BACKDRAFT DAMPER, CEILING GRILLE, AND ELECTRICAL DISCONNECT. UNIT SHALL HANG DEAD LEVEL, PROVIDE VIBRATION ISOLATION MOUNTING AND ALL MOUNTING MATERIALS AS REQUIRED. TRANSITION FROM DUCT SIZE SHOWN TO FULL SIZE CONNECTION AT FAN, PROVIDE FLEXIBLE CONNECTION AT FAN. TERMINATE EXHAUST DUCT THROUGH ROOF WITH GOOSENECK.
- 2. PROVIDE WELDED EXHAUST DUCT FOR TYPE I KITCHEN HOOD. TRANSITION FROM DUCT SIZE SHOWN TO HOOD CONNECTION. INSULATE PER SCHEDULE. INSTALL HORIZONTAL DUCTWORK AT 2% SLOPE TO HOOD CONNECTION. PROVIDE CLEANOUTS PER NFPA 96.
- 3. 4" PVC COMBUSTION AIR AND VENT EXHAUST PIPE FROM GAS WATER HEATER, EXTEND THROUGH WALL. INSTALL AND ROUTE COMBUSTION AIR AND VENT EXHAUST PIPE PER WATER HEATER MANUFACTURERS WRITTEN INSTRUCTIONS.
- 4. EXTEND GAS PIPING TO SMOKERS AS SHOWN.
- 5. NATURAL GAS PIPE UP TO ROOF. SEE SHEET M3.0 FOR CONTINUATION.
- 6. GAS PIPE DROP TO KITCHEN EQUIPMENT, PROVIDE WITH AUTOMATIC EMERGENCY GAS SHUTOFF VALVE AND DIRT LEG. INTERLOCK AUTOMATIC SHUTOFF VALVE AND ELECTRIC SOLENOID WITH HOOD FIRE SUPPRESSION SYSTEM. GAS PIPE CONNECTION TO KITCHEN EQUIPMENT BY MECHANICAL CONTRACTOR. SEE KITCHEN EQUIPMENT DRAWINGS FOR REQUIREMENTS.
- 7. EXTEND GAS PIPING TO METER AND PROVIDE 2 PSI PRESSURE GAS METER PER THE LOCAL UTILITY COMPANY AND AUTHORITY HAVING JURISDICTION REQUIREMENTS. PROPOSED LOAD TO BUILDING: 2448.0 CFH PROPOSED DELIVERY PRESSURE: 2 PSI COORDINATE GAS SYSTEM REQUIREMENTS WITH THE LOCAL UTILITY COMPANY, PROVIDE ALL PIPING, VALVES, ASSOCIATED MATERIALS AND PRESSURE REDUCING VALVES AS REQUIRED TO PROVIDE THE PROPOSED DELIVERY PRESSURE TO THE BUILDING. PAINT ALL GAS PIPING, VALVES AND MATERIALS EXPOSED TO THE ELEMENTS WITH RUST INHIBITING PAINT TO MATCH THE COLOR OF THE BUILDING EXTERIOR. VERIFY COLOR WITH ARCHITECT PRIOR TO PAINTING.
- 8. NO MECHANICAL WORK IN THIS AREA.
- 9. ROUTE GAS PIPING ALONG WALL, UNDER CANOPY TO SMOKERS AS SHOWN.
- 10. ADJUST DIFFUSER BLADES TO 45° THROW.
- 11. ZONE SENSOR TO BE MANUALLY ADJUSTED TO SHUT DOWN RTU-7 WHEN MANUAL WINDOW SYSTEM IS OPENED BY STAFF.



CEILING PLAN - MECHANICAL
SCALE: 1/8" = 1'-0"



TERRACE PLAN - MECHANICAL
SCALE: 1/8" = 1'-0"



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New Restaurant, Banquet Center
& Corporate Offices at The Junction for:
Sugarfire Smokehouse
600 West Main
Wentzville, Missouri 63385

DATE	ISSUE
06-18-18	OWNER BID SET
06-26-18	ADDENDUM #1
07-09-18	PERMIT SET
07-11-18	CLARIFICATION

Expiration Date: Dec. 31, 2019



Kevin S. Griesemer
ENGINEER

DRAWN BY: ASB, JD, DS

PROJECT NUMBER
16-076
DATE
June 15, 2018

SHEET
M2.0