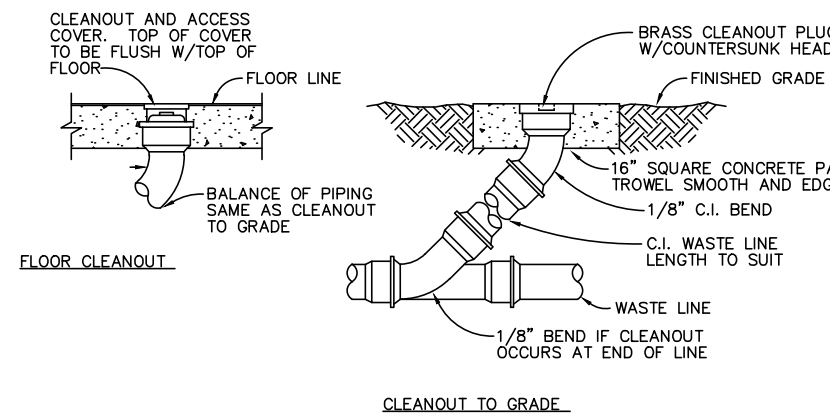


Bar Fixture Connection Schedule					
102	Storage w/ Drain Board			1/2" I.W.	
104	Ice Bin			1/2" I.W.	
105	Soda Gun Station			1/2" I.W.	
106	Cocktail Dump Sink	1/2"	1/2"	1-1/2"	1-1/2"
108	Handsink	1/2"	1/2"	1-1/2" I.W.	1-1/2"
109	Storage w/ Drain Board			1-1/2" I.W.	
110	Glasswasher				
111	Corner Drainboard			1" I.W.	
117	Beer Tower Drip Tray		1/2"		
118	Drip Tray			1/2" I.W.	
119	Drip Tray			1/2" I.W.	



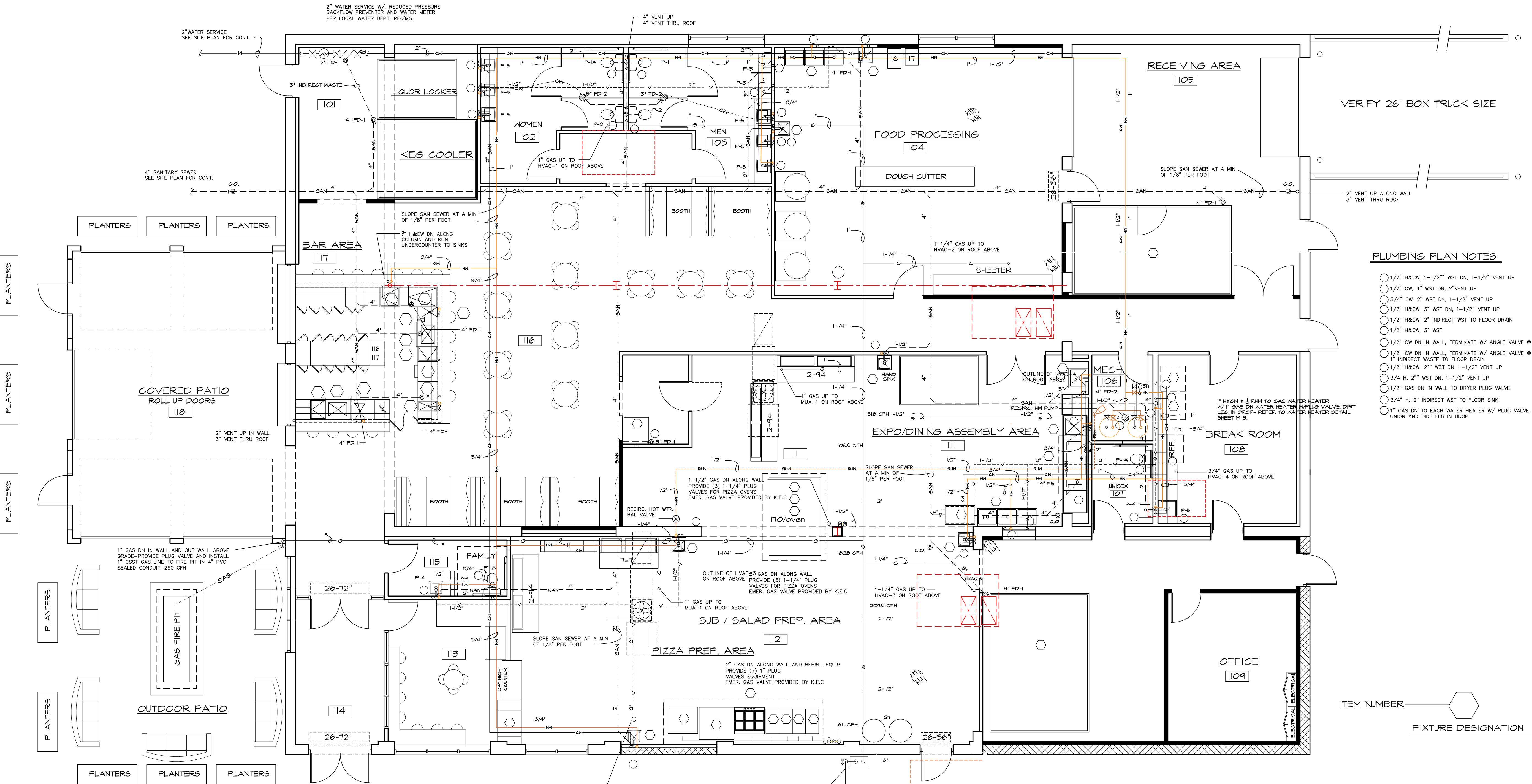
FIRST FLOOR PLUMBING PLAN

3/16"



	EXISTING WALLS TO REMAIN		NEW MASONRY WALLS
	EXISTING WALLS TO BE REMOVED		EXISTING WALLS TO REMAIN
	NEW STUD WALLS		EXISTING WALLS TO BE REMOVED
	EL. = EXISTING LINTEL TO REMAIN		

Kitchen Fixture Connection Schedule					
Item #	Description	Hw	Cw	Waste	Gas
P-1	Handicapped water closet		1/2"	4"	2"
P-2	Water closet		1/2"	4"	2"
P-3	Urinal		3/4"	2"	1-1/2"
P-4	Handicapped Lavatory	1/2"	1/2"	1-1/2"	1-1/2"
P-5	Kitchen Sink	1/2"	1/2"	1-1/2"	1-1/2"
4	Pre-Rinse Faucet	1/2"	1/2"	2"	1-1/2"
6	Conveyor Pizza Oven	-	-	-	(3) 1-1/4" 170 Cfh each
8	Gas Fryer				(4) 3/4" 40 Cfh each
10	36" Griddle				3/4" - 84 Cfh
12	Combi Oven		1/2"		3/4" - 152 Cfh
13	36" 6-Burner Range				3/4" - 215 Cfh
18	Walk-in Cooler	-	-	1" IW	
19	Dish machine	3/4"		1-1/2" IW	
23	Ice/Beverage Dispenser				
24	Clothes washer	1/2"	1/2"	3"	1/2" - 40 Cfh
25	Clothes Dryer				
26	3-Compartment Sink	1/2"	1/2"	1-1/2" IW	
27	Vegetable Sink	1/2"	1/2"	1-1/2"	1-1/2"
28	Hand Sink	1/2"	1/2"	1-1/2"	1-1/2"
29	Mop Sink	1/2"	1/2"	3"	
30	Water Heater	3/4"	3/4"		(2) 1" 199 Cfh each
31	Grease trap			4"	2"
32	Gas fire pit				1" - 250 Cfh



PLUMBING PLAN NOTES

- 1/2" H&CW, 1-1/2" WST DN, 1-1/2" VENT UP
- 1/2" CW, 4" WST DN, 2" VENT UP
- 3/4" CW, 2" WST DN, 1-1/2" VENT UP
- 1/2" H&CW, 3" WST DN, 1-1/2" VENT UP
- 1/2" H&CW, 2" INDIRECT WST TO FLOOR DRAIN
- 1/2" H&CW, 3" WST
- 1/2" CW DN IN WALL, TERMINATE W/ ANGLE VALVE @ 36" AFF.
- 1/2" CW DN IN WALL, TERMINATE W/ ANGLE VALVE @ 36" AFF.
- 1" INDIRECT WASTE TO FLOOR DRAIN
- 1/2" H&CW, 2" WST DN, 1-1/2" VENT UP
- 3/4" H, 2" WST DN, 1-1/2" VENT UP
- 1/2" GAS DN IN WALL TO DRYER PLUG VALVE
- 3/4" H, 2" INDIRECT WST TO FLOOR SINK
- 1" GAS DN TO EACH WATER HEATER W/ PLUG VALVE, UNION AND DIRT LEG IN DROP

ITEM NUMBER
FIXTURE DESIGNATION

REVISIONS	BY

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OF OHIO JOHNSON
JOHN D. STOPP
A-12432
REGISTERED
EXPIRATION DATE 8/30/2023

CLEVELAND PIZZA CO. REMODELING

31222 VINE STREET
WILLOWICK, OHIO

PLUMBING PLAN

DRAWN
JOHN D. STOPP

CHECKED

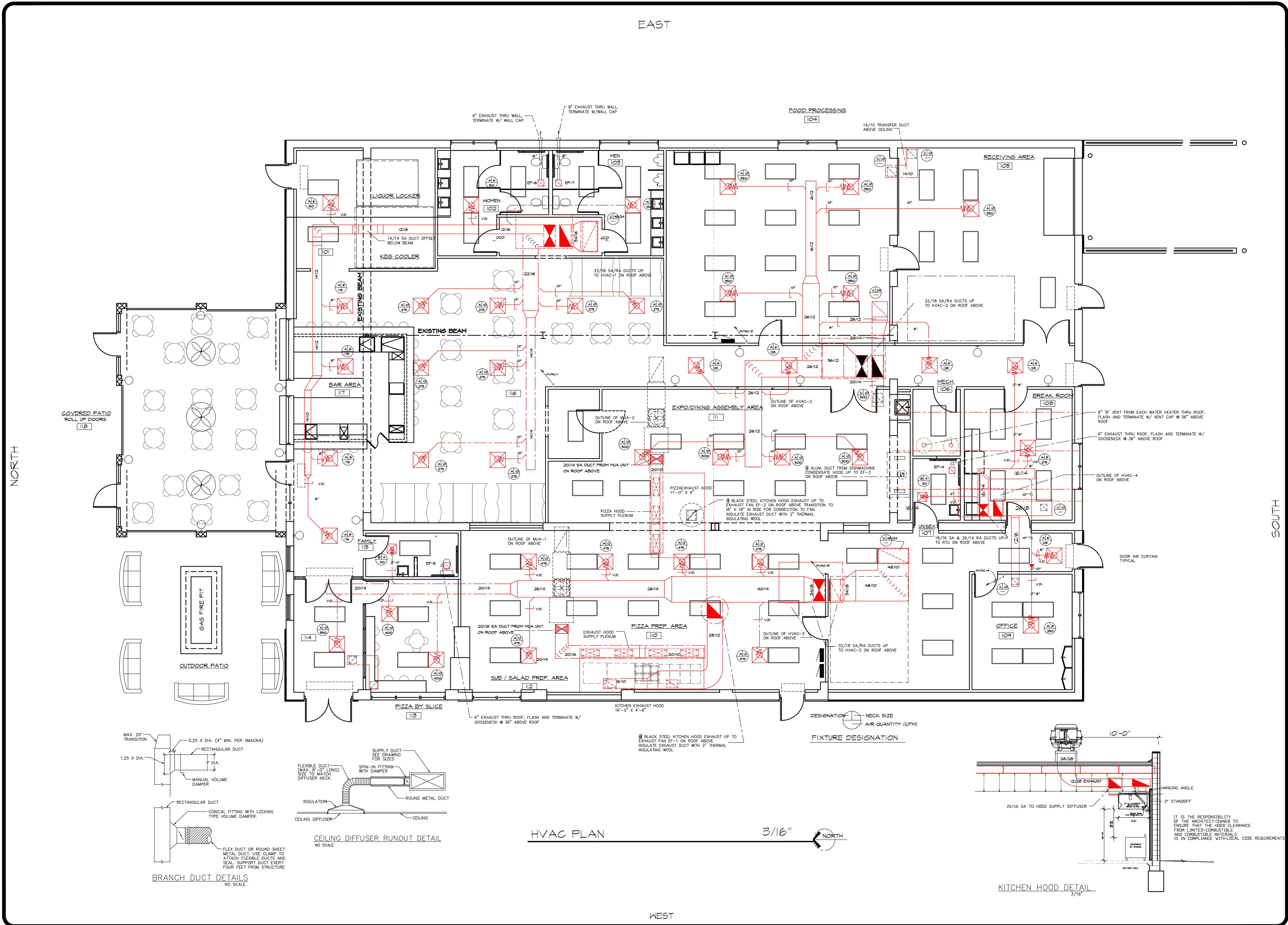
DATE
JULY 19, 2022

SCALE
3/16" = 1'-0"

JOB NO.
202044

SHEET

OF 4 SHEETS



REVISIONS	BY

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STATE
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REGISTERED
EXPIRATION DATE 6/30/2023

CLEVELAND PIZZA CO. REMODELING

31222 VINE STREET
WILLOWICK, OHIO

MECHANICAL HVAC PLAN

DRAWN
JOHN D. STOPP

CHECKED

DATE
JULY 19, 2022

SCALE
3/16" = 1'-0"

JOB NO.
202044

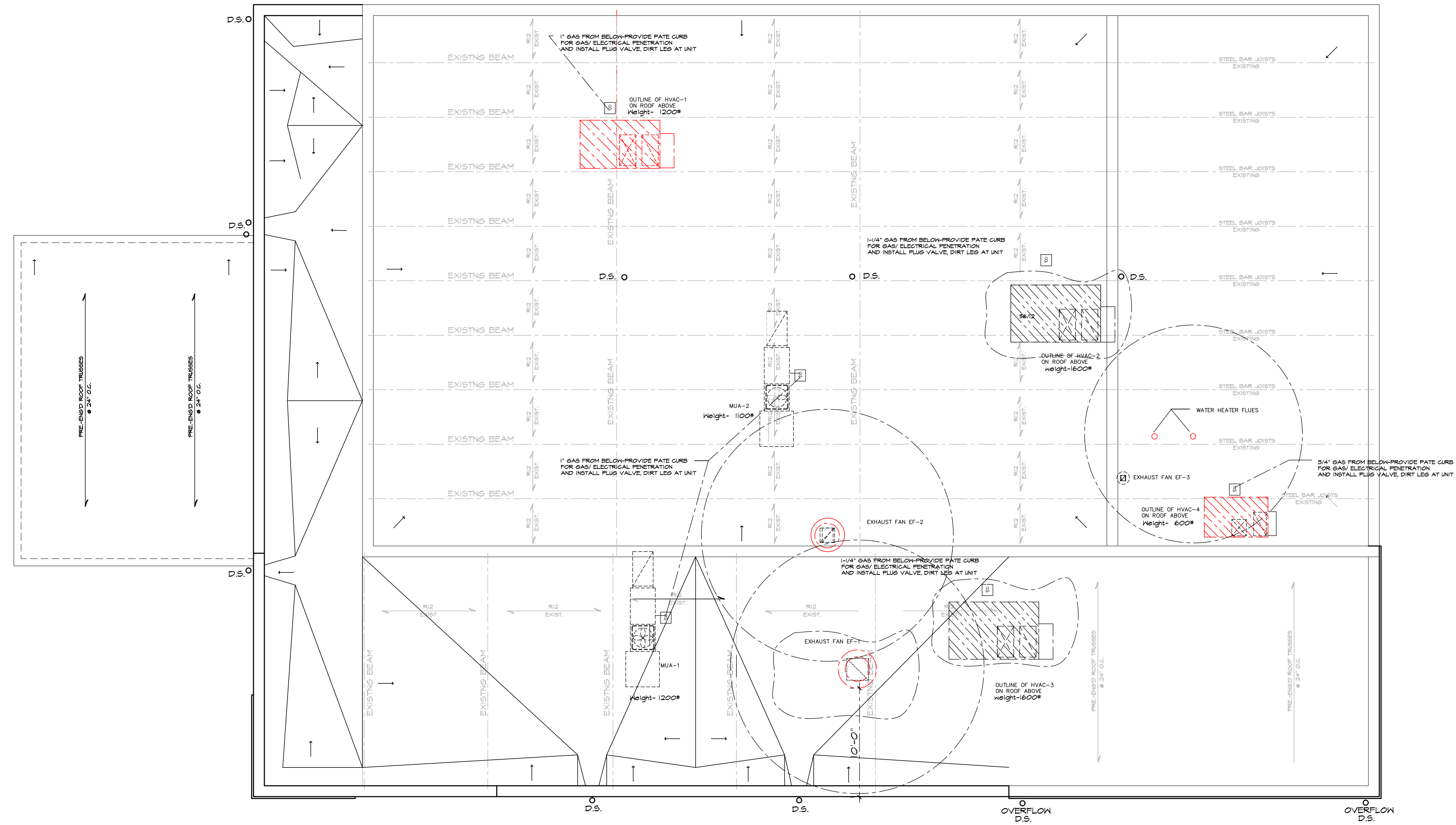
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OF 4

SHEETS

ITON

EAST



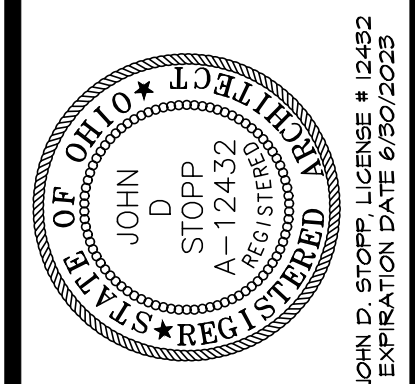
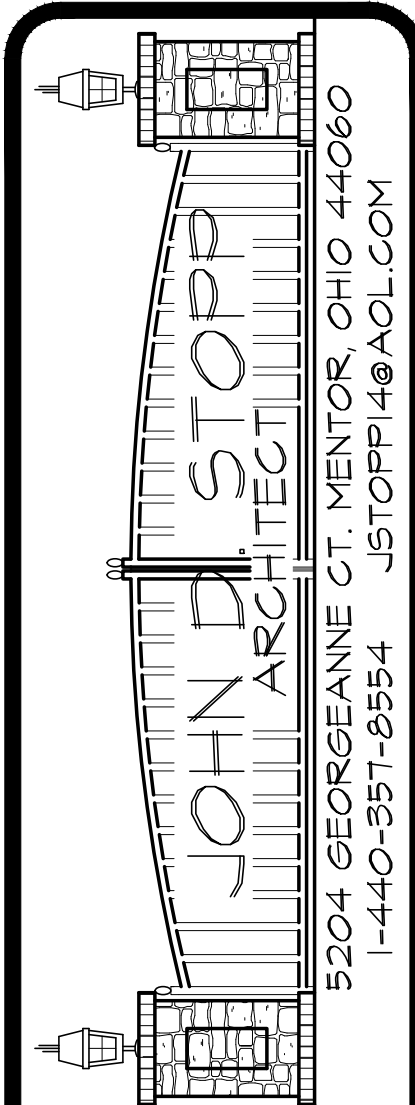
SOUTH

MECHANICAL ROOF PLAN

3/16"



WEST

[illegible]

CLEVELAND PIZZA CO. REMODELING

31222 VINE STREET
WILLOWICK, OHIO
MECHANICAL ROOF PL

MECHANICAL ROOF PLAN

DRAWN JOHN D. STOPP	
CHECKED	
DATE JULY 19, 2022	
SCALE 3/16" = 1'-0"	
JOB NO. 202044	
SHEET	
	
OF 4	SHEETS

MECHANICAL SPECIFICATIONS

I. GENERAL CONDITIONS AND OTHER CONTRACT DOCUMENTS

- A. The provisions of the instructions to bidders, general supplementary conditions, alternates, and divisions I are part of this specification. Contractors and sub-contractors shall examine same as well as other division.
2. CODES AND PERMITS
- A. Comply with all rules, regulations of state, county and state authorities having jurisdiction over the premises including safety requirements of OSHA. Do not construe this as relieving the contractor from complying with specifications which exceed code requirements and not in conflict therewith.
- B. Secure and pay for all permits and certificates of inspection required. Make payments to all public utilities for work performed in providing service connections.
5. DRAWINGS

- A. Drawings and specifications are to be considered as supplementing each other. Work payments to all public utilities for work performed in providing service connections.
4. SHOP DRAWINGS

- A. Prepare shop drawings for mechanical equipment with adequate details and scales as necessary t clearly show construction. Clearly identify each item on the drawings as to mark, location, and use.
5. COORDINATION AND SUPERVISION
- A. Examine work of other trades which comes in contact with or is covered by this work. do not attach to, cover, or finish against any defective work or install work of this division in a manner which will prevent other trades from properly installing their work. Consult all drawings, specifications and details of other divisions of the work.
- B. If any work is installed so that the architectural design cannot be adhered to, the contractor is liable for the cost of making such changes as architect may require.
- C. Provide adequate competent supervision at all times when work is being performed. Cooperate with all other trades to avoid interference's and delays.
6. LOCAL CONDITIONS

- A. Visit site, become familiar with conditions affecting this work. No additional payment will be made on claims that arise from lack of knowledge of existing conditions.
7. GUARANTEE AND WARRANTIES

- A. Warrant that equipment and all work is installed in accordance with good engineering practice and that all equipment will meet requirements specified. any equipment failing to perform or function as specified shall be replaced with complying equipment without cost to the owner.
2. INSTALLATION REQUIREMENTS

- A. Location of piping, equipment, ducts, etc. on the drawings are diagrammatic. Indicated positions shall be followed as closely as possible. Exact locations shall be subject to building construction and interference's with other work.
- B. Do all cutting and patching in existing construction as necessary for installation of this work. Do not cut any structural member without specific permission from all the architect. Have cutting done by skilled mechanics as carefully as possible, and with as little damage as possible. Have patching done by first-class mechanics skilled in the specific trade involved.
9. TESTS AND ADJUSTMENTS
- a. Obtain all inspections required by law, ordinances, rules and regulations of authorities having jurisdiction. Furnish certificates of such inspections. pay all fees and provide all equipment, power and labor necessary for inspections and test.
- B. Pressure Tests:
1. All piping shall be given the following pressure test without appreciable pressure drop. Equipment which would be damaged by the required test pressure shall be isolated from the system during test.
- | Service | Medium | (psi) | Hrs. |
|----------------|--------|-------|------|
| Domestic water | water | 125 | 6 |
| Gas piping | air | 50 | 24 |

- C. Sanitary sewers per state plumbing code or local authority.

10. HVAC SYSTEMS ADJUSTMENTS AND BALANCE

- A. Place all heating, ventilating, exhaust and air conditioning systems and equipment into full operation and continue operation of some during each working day of testing and balancing. All testing and balancing shall be done under both summer and winter design conditions.
- B. Perform tests and balance systems in accordance with the following requirements:
1. Balance and adjust all air handling systems for design flow of supply, return, exhaust and outside air to within 10% of design requirements.

2. After or during one complete heating-cooling season, make any minor adjustments that may be necessary to insure uniform temperatures throughout the space.

11. MATERIALS

- A. Pipe and Fittings
- Domestic water - Type 'L' copper or PEX crosslinked polyethylene tubing w/ brass connector fittings, NSF approved (red for hotwater blue for cold water)
- Domestic water (underground) - Type 'L' copper or PEX crosslinked polyethylene tubing w/ brass connector fittings, NSF approved (red for hotwater blue for cold water)
- Waste and drain piping (above ground interior) - Sch. 40 no-hub C.I.
- Vent piping - sch 40 PVC
- Gas piping - schedule 40 black steel
- Building sewers and drains (underground) - cast iron

12. VALVES

- A. Valves in water piping: 2" and smaller: ball valves or with screwed ends, min. 150 lbs. exp. valves used for shut-off and balancing shall be equipped with memory stop. 2-1/2" and larger through 4" shall be gate valves or ball valves.
- B. Valves in gas piping: Bronze plug valves

13. INSULATION

- A. All insulation shall be installed over clean dry surfaces. Insulation must be dry and in good condition. Wet or damaged insulation will not be acceptable. No insulation shall be applied prior to pressure test completion of the respective piping systems.
- B. Fiberglass pipe insulation shall be installed with joints butted firmly together. Jacket laps to be sealed with factory applied adhesive. Valves and fittings shall be covered with the same type of covering as used on the pipe insulation.
- C. Provide the following products as manufactured by Owens-Corning: Insulation products as manufactured by Armstrong, Certainteed or Kanul are acceptable. Adhesive shall be Benjamin foster or equal.
- D. Material:
- Domestic hot water - 1" thick AS/J55L Fiberglass (type 'L' copper)
- Domestic cold water - 1" thick AS/J55L Fiberglass (type 'L' copper)
- Condensate Supply and Return Air Duct - Type B0 1/2" FRK duct-wrap
- Kitchen Hood Exhaust - 2" thick thermal insul wool

13. GAS PIPING SYSTEM

- A. Install all gas piping in accordance with all code requirements. Pipe sealant shall be applied to the male threads only and shall be chemically resistant to natural gas.
- B. Contractor shall remove cutting and threading burrs and insure that the entire pipe is free of debris and blockage prior to piping assembly.
- C. Gas piping above ground shall be black steel sch. 40 ASTM A-120 lap welded pipe with 150# black malleable iron screwed fittings. Bushings are prohibited. Provide a main shut-off valve and if required a pressure regulator at each piece of equipment.
- D. The gas piping system shall be grounded electrically and continuously. Bond piping tightly to grounding connectors. Grounding of piping shall be per the drawing requirements and in compliance with all applicable codes.
- E. Contractor shall accept, inspect, test and purge the gas piping system in accordance with NFPA 54 and local utility requirements prior to connection to the gas meter or the gas piping system.
- F. Provide full size dirt leg, gas cock and union in the supply piping at all connections to tht gas fired equipment as as indicated on the drawings.

- G. Natural gas piping design and installation shall be in full accordance with the International Fuel Gas Code for piping materials and components, installation, inspection and purging.

15. WATER PIPING SYSTEMS

- A. Extend new water service from street to new meter set, back flow preventer per local water dept. requirements and extend to new fixtures and equipment.
16. PLUMBING FIXTURES
- P1-American Standard " Champion Elongated Water Saver" # 21AA.104 pressure assisted elongated bowl, close coupled tank, 1.6 GPF floor mounting, 17" high, vitreous china water closet with Otonite #45 open front seat less cover, lever on left side.
- P1A - Lever on right side (K21AA.105)
- P2-American Standard " Champion Elongated Water Saver" # 215CA.004 pressure assisted elongated bowl, close coupled tank, 1.6 GPF floor mounting, 15" high, vitreous china water closet with Otonite #45 open front seat less cover, lever on left side.
- P3 - Acumicon Standard "1 # 680.010 vitreous china wall-hung, 3/4" lap spud, 2" waste.
- Flush valve - Sloan Optima Plus # B1B0 exposed battery powered Sensor activated Water closet Flushometer.
- P4-Lavatory American Standard "Miscourt" # C436.001a vitreous china wall hung lavatory, Size: 20 x 18, faucet holes on 4" centers, Faucet-Armon "Moan" Chateau # L4621 single lever faucet with pop-up strainer. Provide IT gas p-trap and supply risers with screwdriver control stops. Install Provoice RPN 2125 PC preheated offset tailpiece covers and 0.5 gpm flow restrictor and Sloan # 3526004 tempering valve. (Sloan # 3526004)
- P5-Lavatory American Standard "Sloan" # C84300.020 vitreous china counter-top lavatory, Size: 21 x 18, faucet holes on 4" centers, Faucet-Armon "Moan" Chateau # L4621 single lever faucet with pop-up strainer. Provide IT gas p-trap and supply risers with screwdriver control stops. Install Provoice RPN 2125 PC preheated offset tailpiece covers and 0.5 gpm flow restrictor and Sloan # 3526004 tempering valve. (Sloan # 3526004)
- P6 - Moen "2000 Series" 6620/461B0 stainless steel 28" x 22" self-rimming 1 hole single bowl sink with Moen # ZH40 crumb cup strainer. Faucet - Moen "Integra" single lever faucet. Provide a IT gas tailpiece, P trap and supply risers with stops.
- RHW Pump - Grundfos Series UPG-16-1/4" A BLENL auto-whine Circulating pump. Capacity - 2 Gpm x 5 head. Motor - 0.5 watts, 120v. Pump to be all bronze const. with 1/2" fpt, 6 FT cord, with sensor.
- GWH (2) req'd - Rheem # G37-200 100 gallon gas Water heater, 100 gallon Storage, 199,000 Btuh input, 215 Gal/hr recovery @ 90 deg. F temp rise. Provide with T&P relief valve and 6 year warranty, Amtrol #ST-12 Thermal-X-trol diaphragm expansion tank, 4.5 gal capacity 150 PSI maximum working pressure at 200 deg. F.
- FD-1 - Josam 30000-A 6" round strainer and nickel brass tap
- FD-2 - Josam # 30000-E 6" round strainer w/turnel and nickel brass tap
- FS - Josam # 44900-LF-NB 8 x 8 Floor sink with 3/4 grate
- TP - Trap Primer - Josam # 88250 (all bronze const.)
- GreaseTrap- Rockford # GP-3224-M 10 ga. welded separator, 67 gal. capacity, 60 gpm, 4" trapped inlet and outlet, 350# capacity, 5/8" diamond plate cover for flush w/ floor installation

18. KITCHEN EQUIPMENT
- A. The following equipment will be furnished by the kitchen equipment supplier for installation by the plumbing contractor.
1. Faucet and spray hoses
2. waste fitting, i.e. lever and twist handle wastes, crum cup, slotted strainer and open drains.
3. tail pieces
4. control valves except where integral with the equipment
5. emergency gas shut off valve
- The following items shall be furnished and installed by the plumbing contractor.
1. check valves
2. watts or approved equal pressure regulating valves set at 60 psc in each hot and cold water line to each dishwasher, ice machine and coffee machine.
3. pipe line strainers
4. chrome plated cast brass traps
5. gas shut-off valves
6. shut-off valves in water piping as required
7. all exposed piping as required for final connection.

19. SANITARY DRAINAGE SYSTEMS

- A. Location of sanitary, waste and vent piping as shown on the drawings shall be installed to meet various building conditions. Do any work necessary to conceal piping or clear piping of other trades.
- B. Slope main drain at 1/8" per foot and all connecting branch lines at 1/4" per foot unless noted otherwise. Changes in direction of drainage piping shall be made with 1/8, 1/8, or 1/16 bends except for vertical stacks on which crosses and sanitary T's may be used.

20. DUCTWORK

- A. Installation
1. Provide all sheet metal work as shown on the drawings in accordance with the latest edition of the ASHRAE guide and SMACNA
2. Construct all ductwork to a SMACNA low Pressure class of 1" w.g.
5. Install ductwork as indicated on plans making all necessary changes and offsets without reducing the cross sectional area of the duct.

B. Materials

1. Low pressure ductwork to be constructed as a low pressure system with the following requirements added from the high velocity standards.
- a. Longitudinal seams shall be Figure 1-10 or 1-11.
- b. All joints are acceptable as shown in the high velocity manual.
- c. Seal all seams as shown in the high velocity manual and provide sealant at any screw holes in the duct.
- d. All duct takeoffs shall be fabricated with reference to Figure 2-10 of the low pressure manual.
- C. Provide and install all dampers and deflectors necessary for proper air distribution. Provide a damper in each supply branch and exhaust outlet when served by a fan with multiple grilles. Dampers over 15" wide shall be opposed blade type.
- D. Flexible duct shall be rated for the velocity and static pressure requirements of the system served and in accordance with NFPA 90.
- E. Where indicated on plans (lined duct shall conform to the requirements of the SMACNA ' Duct liner Application Standard". Apply liner with 100%, adhesive coverage in addition to "Stick clips".
- F. Kitchen Hood Exhausts(Concealed) - 16 ga. Black steel/steel angle reinforcing, joints and seams welded watertight.
- H. GRILLES AND DIFFUSERS -
- Type -A - Tlus Omni square 24x24 lay-in ceiling diffuser with damper, off-white finish. Size and cfm as noted on plans.
- Type -B - Tlus Omni 12 x 12 surface flat steel ceiling diffuser w/ OED damper, off-white finish. Size and cfm as noted on plans.
- Type -C - Tlus 50 FF 1/2 x 1/2 aggregate return air grill for lay-in ceiling w/ duct flange

20. TEMPERATURE CONTROL

- A. All necessary components incidental to the installation of this temperature control system shall be provided by the mechanical contractor.
- B. The "unit" components shall be construed to include furnishing of miscellaneous material and labor as required for mounting and connecting control devices between equipment.

21. SEQUENCE OF OPERATION

- A. HVAC-142
1. A programmable thermostat will control the HVAC units operation between occupied and unoccupied modes.
2. During the occupied mode the outside air damper will open to its minimum position and the supply fan will start and run continuously. The gas heat exchanger or DX cooling will cycle in as required to maintain the desired space setpoint.
5. During the unoccupied mode the outside air and relief dampers will close and the units and exhaust fans will be off.
4. A duct mounted smoke detector located in the return air duct(HVAC-U) will shut down the supply fan in the event the unit detects smoke. The detector will require a manual reset.
- B. KITCHEN HOOD EXHAUST SYSTEM
1. The MUA unit will start with the hood exhaust fans.
2. During the occupied mode the outside air damper will open, the supply fan will run continuously. The direct gas burner or DX cooling system will modulate as required to maintain the desired discharge air setpoint. (70 deg. adjustable)

22. MECHANICAL EQUIPMENT

- RTU-1- Provide and install Trane 10 Ton standard efficiency rooftop unit, 208/60/3, low heat, economizer - dry bulb 0-100% with barometric relief standard access panels with 2" NERV 18 filters, unit mounted non-hood disconnect, return or smoke detector, Gross Cooling Capacity - 15,000 btu/hr, Sensible: 16,000 btu/hr, Nominal CFM - 4,000 cfm # 13 ESP, 2 Stage heat - 150,000/19,000 btu/hr. Provide unit with programmable heat-cool limit, 2-sets of throwaway filters, 5 year compressor warranty, stainless steel heat exchangers, EER = 14.00cpg, 1200# Electrical, Indoor Fan 5 hp, 64 MCA 50 MOPF 208v-50 Set minimum Outside air 104 cfm.

- RTU-2- Provide and install Trane 125Ton standard efficiency rooftop unit, 208/60/3, low heat, economizer - dry bulb 0-100% with barometric relief standard access panels with 2" NERV 18 filters, unit mounted non-hood disconnect, return or smoke detector, Gross Cooling Capacity - 184,000 btu/hr,Sensible 118,000 btu/hr, Nominal CFM - 5,000 cfm # 13 ESP, 2 Stage heat - 200,000/20,000 btu/hr. Provide unit with programmable heat-cool limit, 2-sets of throwaway filters, 5 year compressor warranty, stainless steel heat exchangers, EER = 12.4rpg, 1600# Electrical, Indoor Fan 5 hp, 64 MCA 10 MOPF 208v-50 Set minimum Outside air # 1900 cfm.

- RTU-3- Provide and install Trane 125Ton standard efficiency rooftop unit, 208/60/3, low heat, economizer - dry bulb 0-100% with barometric relief standard access panels with 2" NERV 18 filters, unit mounted non-hood disconnect, return or smoke detector, Gross Cooling Capacity - 184,000 btu/hr,Sensible 118,000 btu/hr, Nominal CFM - 5,000 cfm # 13 ESP, 2 Stage heat - 250,000/20,000 btu/hr. Provide unit with programmable heat-cool limit, 2-sets of throwaway filters, 5 year compressor warranty, stainless steel heat exchangers, EER = 14, 1600# Electrical, Indoor Fan 5 hp, 64 MCA 50 MOPF 208v-50 Set minimum Outside air 210 cfm.

- HVAC-4 - Provide and install Trane 5 Ton standard efficiency rooftop unit, 208/60/3, low heat, motorized OA damper, standard access panels with 2" NERV 18 filters, unit mounted non-hood disconnect, Gross Cooling Capacity - 94,000 btu/hr, Sensible: 9,000 btu/hr, Nominal CFM - 1,200 cfm # 10 ESP, 2 Stage heat - 80,000/16,000 btu/hr. Provide unit with programmable heat-cool limit, 2-sets of throwaway filters, 5 year compressor warranty, steel heat exchangers, EER = 14, 1600# Electrical, Indoor Fan 3/4 hp, 64 MCA 50 MOPF 208v-50 Set minimum Outside air 210 cfm.

- EF-445 Brown Model 684 ceiling exhaust fan, Capacity-80 Cfm, Motor 120 v.
- EF-6 Brown Model 684 ceiling exhaust fan, Capacity-150 Cfm, Motor 120 v.
- EF-1 Brown Model 684 ceiling exhaust fan, Capacity-500 Cfm, Motor 120 v.

23. KITCHEN HOODS

- Kitchen Exhaust Hood-(Provided by owner)Flo-Aire Direct Model 7224-fx-2-psp-wall mounted exhaust hood w/supply plenum. Hood to be constructed of type 430 stainless steel. All joints and seams on the hood shall be liquid tight. The hood shall include ETL aluminum filters and vaporproof lights on 3 foot centers. A flush mounted control panel will include switched for lights and fans. The hood shall be fabricated in accordance with NFPA #96, Size 16'-0" x 4'-4" w/ 16'-0" x 14" wide supply plenum. The hood will be provided w/ a factory prepped fire suppression system and shall be in compliance with NFPA 17A. Piping plans will be provided by the supplier. Hood system to be tied into building fire alarm. Fire suppression system acceptance testing shall be in compliance with NFPA 17 and conducted in presence of a representative of the Mentor Fire Department.
- VERIFY SIZE exhaust cfm w/ manufacturers design program based on actual cooking equipment

- MUA-(Provided by owner) - Flo-Aire H-44250-50-mp direct fired gas make-up air unit, 208/60/3, 1400#
- Nominal CFM - 1600 cfm, modulating burner - 150,000 btu/hr input, Cooling capacity - 48,000 Btu/hr. Unit to be provide unit with condenser, refrigerant specialities, discharge air controller, 5 year compressor warranty,insul hood w/ EZ filter/Electrical/Indoor Fan: 5 hp, Cond Section/1.2 MCA30 MOPF 208v-50 Set minimum Outside air # 1600 cfm.

- Hood fire suppression system - Annual R-120 wet agent system to include all detectors,pulley elbows,detection line conduit, agent tanks, regulator,excellent gas frame, release mechanism, piping, nozzles, electric and pressure switches, fusible links, liquid fire suppressant, remote pull stations completely, installed per NFPA # 96.

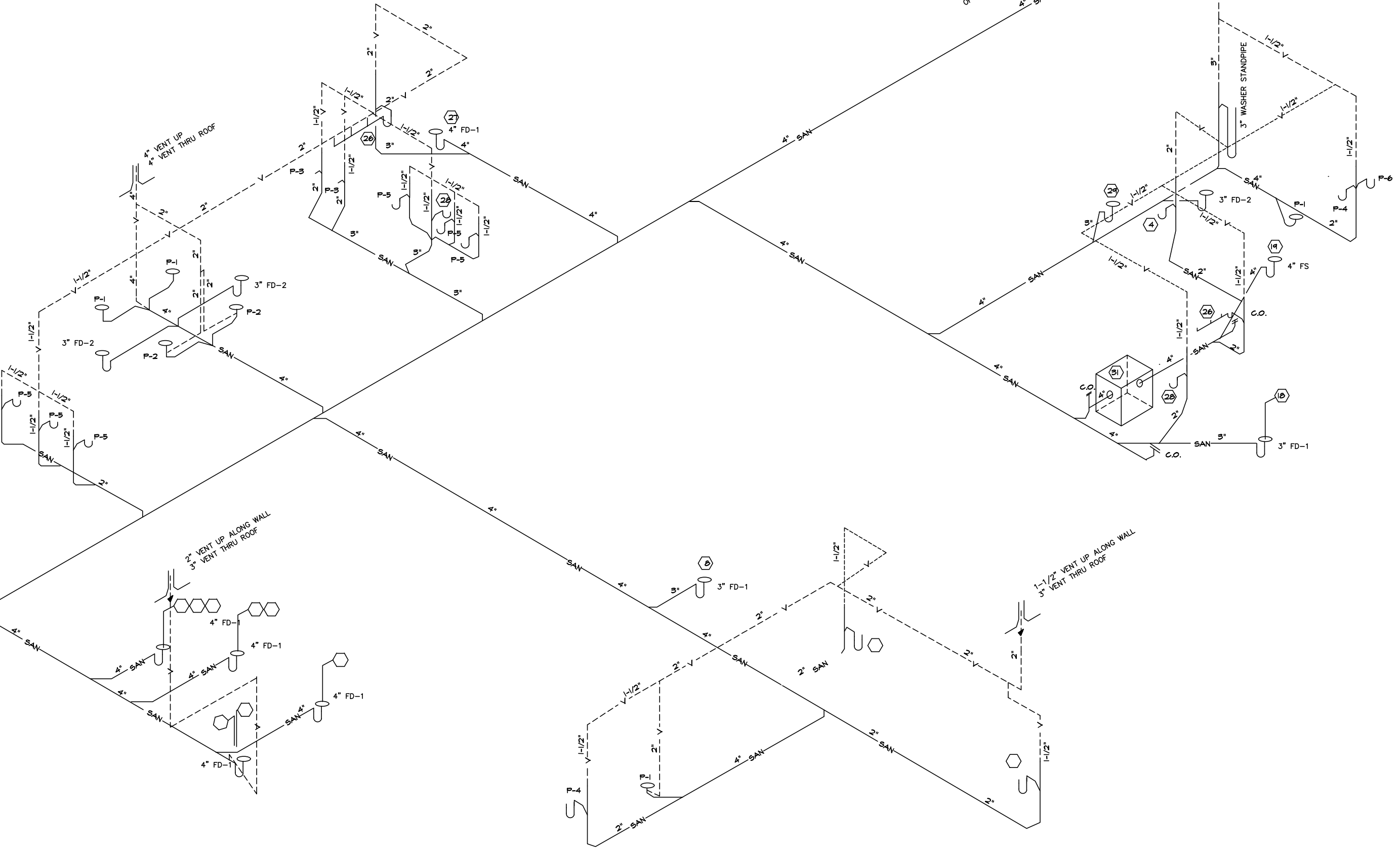
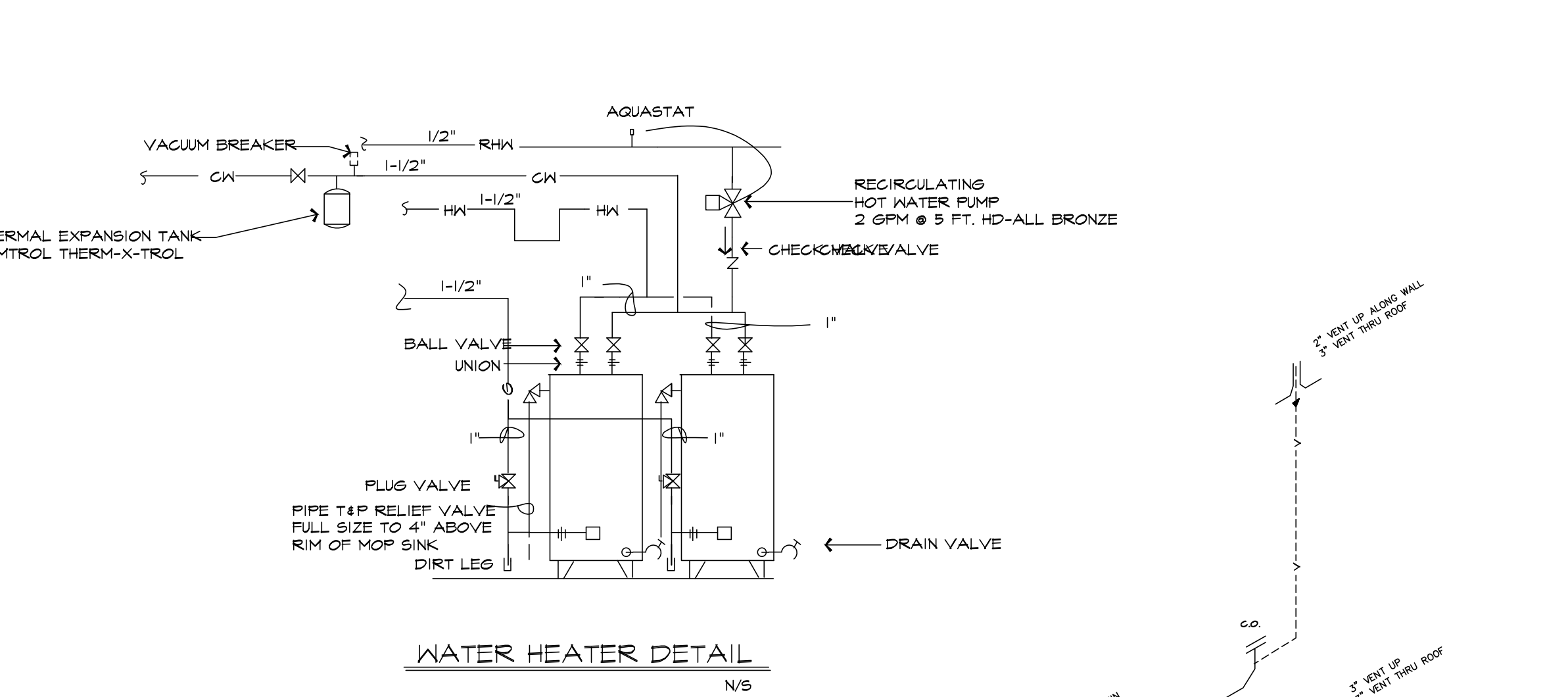
- EF-(Provided by owner) - Flo-Aire upblast exhaust fan, capacity 4000 cfm # 2.0 sp. Unit to be provided with roof curb,hinged access, grease trough, Motor: 2 hp 208v-50

- MUA-3(Provided by owner) - Flo-Aire H-44250-50-mp direct fired gas make-up air unit, 208/60/3, 1400#
- Nominal CFM - 1100 cfm, modulating burner - 150,000 btu/hr input, Cooling capacity - 56,000 Btu/hr. Unit to be provide unit with condenser, refrigerant specialities, discharge air controller, 5 year compressor warranty,insul hood w/ EZ filter/Electrical/ Indoor Fan: 1 hp, Cond Section/1.4 MCA20 MOPF 208v-10 Set minimum Outside air # 1100 cfm.

- EF-2(Provided by owner) - Flo-Aire upblast exhaust fan, capacity 2000 cfm # 1.0 sp. Unit to be provided with roof curb,hinged access, grease trough, Motor: 1 hp 208v-50

- Dishwasher Condensate hood-(Provided by owner) Flo-Aire Direct Model FXB wall mounted condensate exhaust hood. Hood to be constructed of type 430 stainless steel. All joints and seams on the hood shall be liquid tight. e hood shall be fabricated in accordance with UL 710. Size 6'-0" x 3'-0" VERIFY SIZE WITH ACTUAL DISHWASHER PROVIDED

- EF-3(Provided by owner) - Flo-Aire upblast exhaust fan, capacity 600 cfm # .75 sp. Unit to be provided with roof curb,hinged access, grease trough, Motor: 1/2 hp 120v-10



REVISIONS	BY

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OF OHIO JOHN D. STOPP ARCHITECT REGISTERED PROFESSIONAL ARCHITECT

JOHN D. STOPP LICENSE # 12432
EXPIRATION DATE 6/30/2023

CLEVELAND PIZZA CO. REMODELING

31222 VINE STREET
WILLOWICK, OHIO

MECHANICAL DETAILS-SPECIFICATIONS

DRAWN
JOHN D. STOPP

CHECKED

DATE
JULY 19, 2022

SCALE
3/16" = 1'-0"

JOB NO.
202044

SHEET

OF 4

SHEETS