

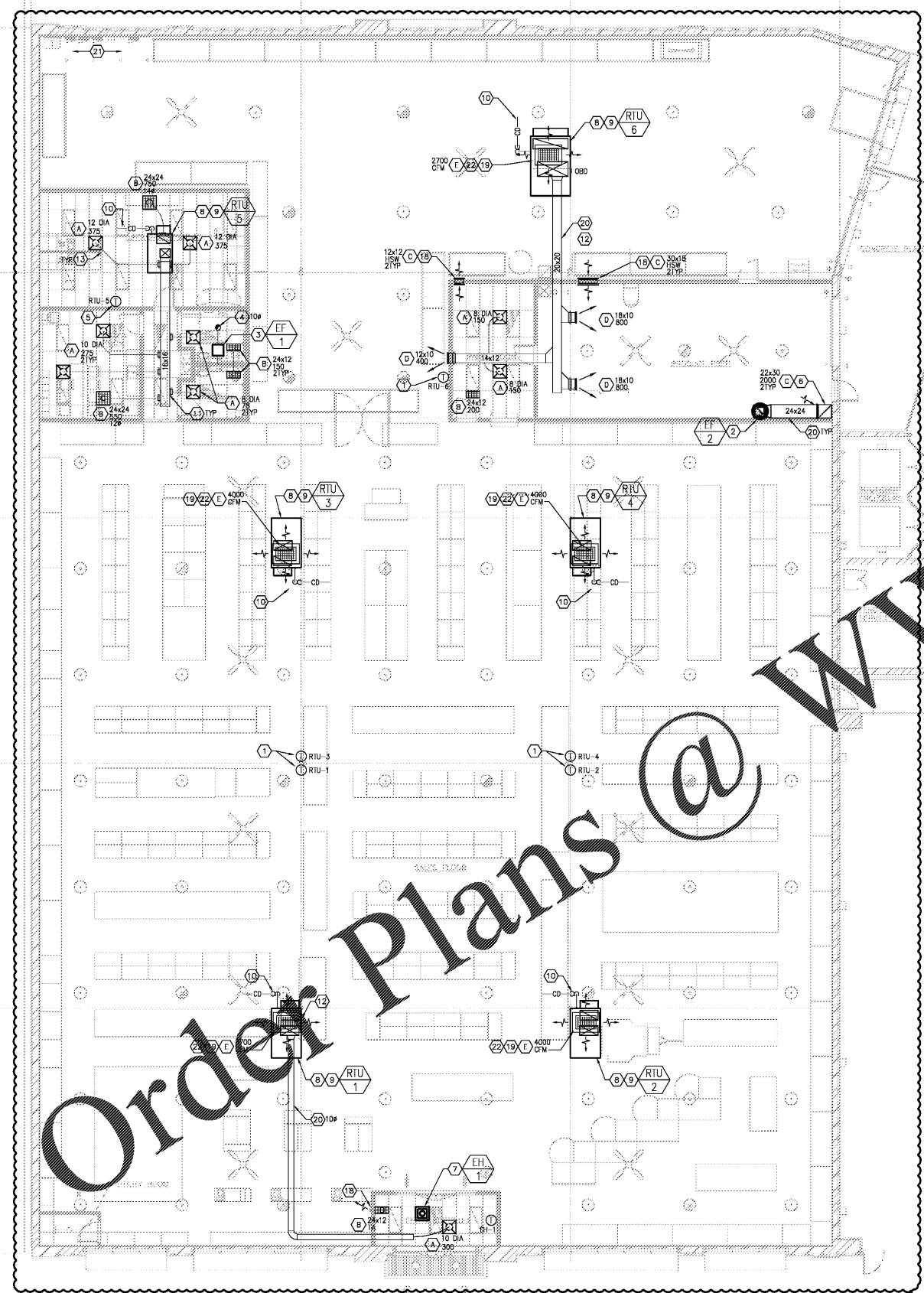
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THE ARCHITECT SHALL BE DEEMED THE AUTHOR OF
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No.	Description	Date
▲	ISSUED FOR BID AND PERMIT	03/29/19
▲	ISSUED FOR BID	05/30/19
▲	RE-ISSUED FOR BID AND PERMIT	10/16/20

No.	Description	Date



Order Plans @

GENERAL NOTES

1. ALL INSTALLATIONS, EQUIPMENT AND MATERIAL SHALL COMPLY WITH ALL APPLICABLE TENANT REQUIREMENTS.
2. CONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS, SPECIFICATIONS, EXISTING CONDITIONS AND LANDLORD CRITERIA FOR BIDDING PURPOSES. FAILURE TO ACQUAINT THEMSELVES WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THEIR WORK PROPERLY.
3. NOT ALL EXISTING EQUIPMENT, PIPING, DUCTWORK, ETC. IS SHOWN ON THE PLANS. ALL EXISTING EQUIPMENT AND PIPING SHOWN DOES NOT REFLECT ALL OFFSETS, LENGTHS AND LOCATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT AND PIPING TO BE REMOVED AND/OR CONNECTED TO PRIOR TO BID.
4. NO FIBERGLASS DUCT BOARD SHALL BE ALLOWED. NO EXCEPTIONS.
5. THE HVAC CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR ON ANY ADDITIONAL STRUCTURAL STEEL REQUIRED TO SUPPORT MECHANICAL EQUIPMENT PER LANDLORD'S STANDARD DETAILS. THIS CONTRACTOR SHALL COORDINATE LOCATIONS AND REQUIREMENTS WITH THE GENERAL CONTRACTOR AND LANDLORD. VERIFY SCOPE OF WORK WITH THE GENERAL CONTRACTOR PRIOR TO BID AND INCLUDE ALL COSTS IN BID AS DIRECTED BY THE GENERAL CONTRACTOR.
6. HVAC CONTRACTOR SHALL PROVIDE TWO (2) COPIES OF A CERTIFIED AIR BALANCE REPORT WITH AIR TEMPERATURES AND PRESSURES TO TENANT AT TIME OF FINAL PUNCH FOR APPROVAL AS REQUIRED BY MECHANICAL INSPECTOR, LANDLORD AND TENANT'S REPRESENTATIVE.
7. CEILING CONTRACTOR MUST PROVIDE ACCESS IN CEILING AT DIFFUSERS AND DAMPERS FOR AIR BALANCE.
8. MATERIAL EXPOSED WITHIN RETURN AIR PLENUM CEILINGS SHALL COMPLY WITH IMC SECTION 7.02.1.
9. HVAC SUBCONTRACTOR SHALL BE RESPONSIBLE FOR TESTED & RATED FIRE STOP SYSTEMS FOR PENETRATION OF WALLS, FLOORS & ROOF ASSEMBLIES RESULTING FROM PIPING THROUGH THEM. UNDER THIS CONTRACT, REFER TO FIRESTOPPING SPECIFICATION FOR REQUIREMENTS.

HVAC KEYNOTES

1. THERMOSTAT AT 102" AFF. CONNECT TO TENANT EMS, REFER TO ELECTRICAL FOR DETAILS.
2. FURNISH AND INSTALL NEW EXHAUST FAN WITH BACKRAFT DAMPER ON FULLY INSULATED ROOF CURB PER DETAIL 3/M-200. FIELD VERIFY LOCATION WITH INTAKE OF ROOFTOP UNIT TO INSURE A MINIMUM OF 10' SEPARATION. COORDINATE ALL ROOF PENETRATIONS WITH ROOFING CONTRACTOR.
3. CONTRACTOR TO FURNISH AND INSTALL NEW TOILET ROOM EXHAUST FAN. SUPPORT FROM STRUCTURE WITH IN SHEAR SPRING VIBRATION ISOLATORS. FAN SHALL OPERATE CONTINUOUSLY.
4. EXHAUST VENT OUTLET UP THRU ROOF WITH 10# ROOF CAP, BACKRAFT DAMPER AND BIRDSCREEN. COORDINATE ALL ROOF PENETRATIONS WITH LANDLORD APPROVED ROOFING CONTRACTOR. FIELD VERIFY LOCATION WITH ROOFTOP UNIT FRESH AIR INTAKE TO MAINTAIN A MINIMUM OF 10' SEPARATION PER LOCAL CODE.
5. THERMOSTAT AT 48" AFF. CONNECT TO EMS, REFER TO ELECTRICAL FOR DETAILS.
6. CONNECT TO EXHAUST FAN AND DROP 24x24 AGAINST WALL WITH EXHAUST GRILLES. SEE 3/M-200 FOR DETAIL. EXHAUST FAN IS CONNECTED TO HI-BAY LIGHTS IN PREP ROOM. PROVIDE SEPARATE DISCONNECT SWITCH AT EXHAUST FAN FOR SERVICE. FIELD COORDINATE CONTROL WIRING WITH ELECTRICAL CONTRACTOR. COORDINATE DUCT DROP WITH TENANT PRIOR TO INSTALLATION. FIELD COORDINATE WITH WATER SERVICE. SEE SHEET 3-100 AND CONDUIT.
7. MOUNT CABINET UNIT HEATER IN CEILING WITH WALL-MOUNTED THERMOSTAT AT 48" AFF. HEATER FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR.
8. FURNISH AND INSTALL NEW ROOFTOP UNIT ON FULLY INSULATED DOWNFLOW ROOF CURB PER 5/M-200 & 7/M-200. INSTALL NEW UNIT ON NEW ROOF CURB AND CONNECT TO SUPPLY AND RETURN AIR DUCTWORK.
9. NEW DUCT SMOKE DETECTOR PER LOCAL JURISDICTION REQUIREMENTS. FURNISH AND INSTALL REMOTE TEST KEYED SWITCH WITH AUDIBLE AND VISUAL INDICATORS IN APPROVED LOCATION. VERIFY CONDITIONS IN FIELD PRIOR TO CONSTRUCTION. FURNISH AND INSTALL INTERFACE TO NEW FIRE ALARM SYSTEM AS REQUIRED.
10. FURNISH AND INSTALL FULL SIZE VENTED P-TRAP, SEE DETAIL 6/M-200. EXTEND CONDENSATE DRAIN TO NEAREST PRIMARY ROOF DRAIN. FIELD VERIFY EXACT LOCATION. PROVIDE PPE SUPPORTS AND SPLASH BLOCKS.
11. CONNECT TO DUCTWORK WITH CONICAL BELL MOUTH SPIN-IN TAKE-OFF WITH VOLUME DAMPER, TYPICAL.
12. CONNECT TO SUPPLY AIR DROP WITH CONICAL BRANCH TAKEOFF. PROVIDE OPPOSED BLADE VOLUME DAMPER IN SUPPLY DROP AFTER NEW CONNECTION PRIOR TO CONCENTRIC DIFFUSER PER DETAIL 9/M-200. BALANCE TO CFM INDICATED.
13. FLEXIBLE DUCT, MAXIMUM LENGTH 4'-0" (TYPICAL). PROVIDE SMOOTH TRANSITION AND PROPER SUPPORTS PER SMACNA. USE FLEXIBLE DUCT FOR FINAL RUN-OUT TO DIFFUSER ONLY. (TYPICAL).
14. NOT USED.
15. NOT USED.
16. NOT USED.
17. NOT USED.
18. TRANSFER AIR SLEEVE AS HIGH AS POSSIBLE.
19. FURNISH AND INSTALL DROP DIFFUSER WITH SIDE DISCHARGE DRUM SUPPLY REGISTERS. SUPPORT DROP DIFFUSER FROM STRUCTURE ABOVE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. SEE DETAIL 9/M-200.
20. DUCTWORK SHALL RUN THROUGH ROOF JOIST WEBBING, COORDINATE WITH LIGHTS PRIOR TO INSTALLATION, AVOID CONTACT. PROVIDE TRANSITIONS AS REQUIRED. DUCT DIMENSIONS ARE CLEAR INTERNAL AIR PATH DIMENSIONS. PROVIDE DUCT WRAP WITH EXTERNAL INSULATION AND "WHITE" OUTSIDE SURFACE. SEE DETAIL 8/M200.
21. DO NOT ROUTE DUCTWORK OVER ELECTRICAL SWITCHGEAR. FIELD VERIFY PRIOR TO INSTALLATION.
22. TERMINATE RETURN AIR DUCT WITH 90 DEG. FLOW TIGHT TO UNDERSIDE OF STRUCTURE WITH 1/2" WIRE MESH. TAPER 45 DEG. SEE DETAIL 9/M-200.

INTERIOR BUILD-OUT DRAWINGS ARE A SUPPLEMENT TO THE SHELL BUILDING DRAWINGS. REFER TO SHELL BUILDING DRAWINGS FOR ADDITIONAL INFORMATION.

HVAC PLAN
1
1/8" = 1'-0"

Salem Gate Market

NORTHERN TOOL + EQUIPMENT



ANCHOR 2B
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HVAC PLAN

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