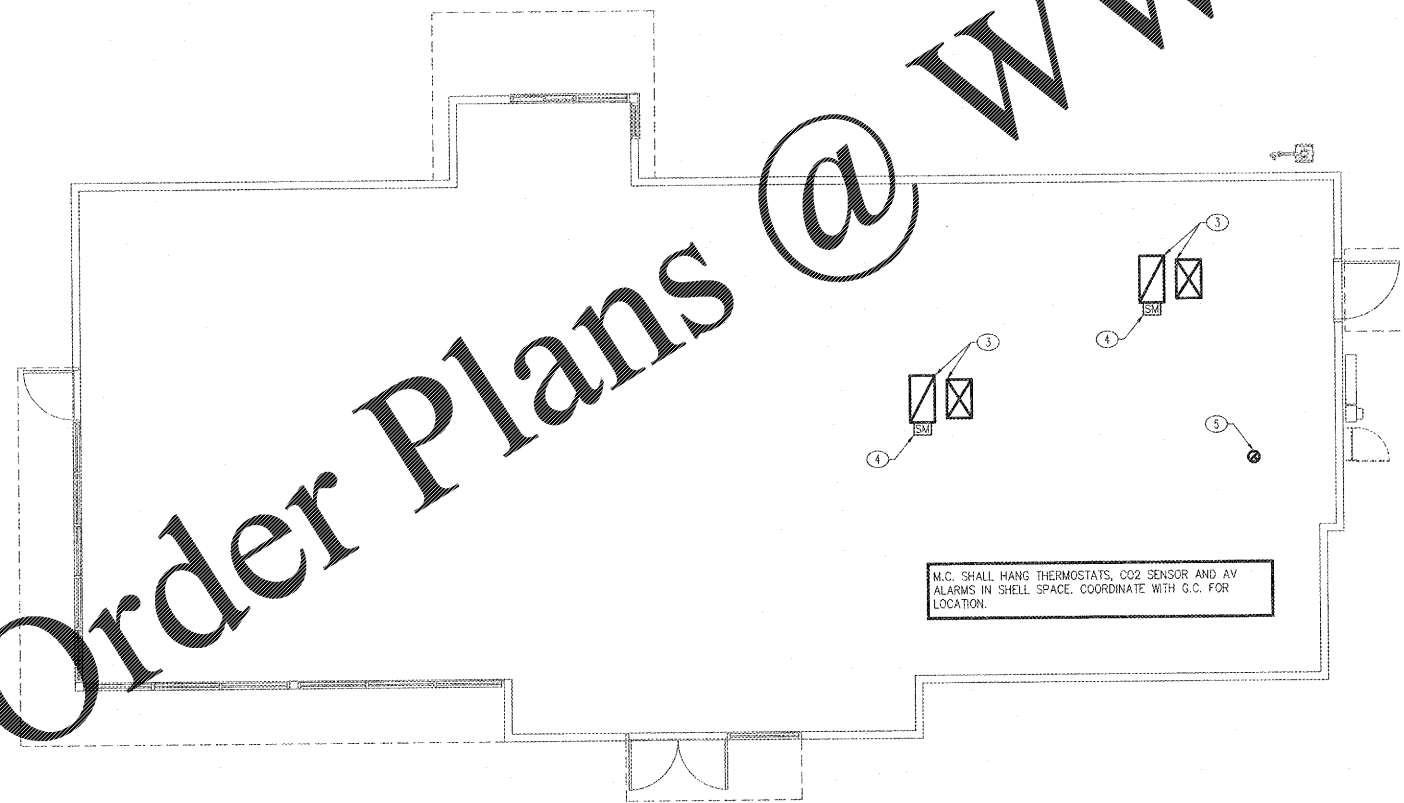


1 MECHANICAL ROOF PLAN  
SCALE: 3/16"=1'-0"



2 MECHANICAL FLOOR PLAN  
SCALE: 3/16"=1'-0"

**MECHANICAL LEGEND**

	MECHANICAL SUPPLY AIR OPENING	M.C.	MECHANICAL CONTRACTOR
	MECHANICAL RETURN AIR OPENING	G.C.	GENERAL CONTRACTOR
	ROOF DECK OPENING	P.C.	PLUMBING CONTRACTOR
	DETAIL NUMBER	E.C.	ELECTRICAL CONTRACTOR
	SHEET NUMBER	R.C.	REFRIGERANT CONTRACTOR

**GENERAL NOTES**

- IF ANY DISCREPANCIES ARE FOUND ON THE PLAN, THE CONTRACTOR SHALL BID AND INSTALL THE MORE CONSERVATIVE SPECIFICATION AND CALL ENGINEER FOR CLARIFICATION.
- UNLESS NOTED OTHERWISE, ALL ITEMS ARE TO BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR.
- COORDINATE ALL ROOF TOP ELEMENTS WITH ROOF FRAMING PLAN. SEE STRUCTURAL SHEETS BY OTHERS.
- ALL MECHANICAL EXHAUST OUTLETS SHALL BE INSTALLED 10' (MIN.) FROM ANY BUILDING FRESH AIR INTAKE AS SHOWN ON PLAN.
- ALL PENETRATIONS THRU ROOF SHALL BE BY GEN. CONTR. AS PER ROOF MFR.'S STANDARD DETAILS.
- ALL ROOF TOP UNITS SHALL BE LEVEL AFTER INSTALLATION. M.C. SHALL VERIFY ALL RTU'S DRAIN PANS FOR PROPER DRAINAGE.
- DO NOT SCALE DRAWING. ALL DIMENSIONS ARE FROM FACE OF PARAPET TO INSIDE FACE (CORNER) OF CURB.
- ALL GAS PIPING AND ELECT. CONDUITS PENETRATING ROOF SHALL GO THROUGH ROOF CONDUIT CURB (SEE PLUMBING AND ELECTRICAL PLANS) INSTALLED BY G.C. & ROOFING CONTRACTOR. E.C. AND P.C. SHALL COORDINATE. INSTALL PER ROOFING MANUFACTURER'S RECOMMENDATIONS AND DETAILS.
- M.C. SHALL FIELD VERIFY STRUCTURAL CONFIGURATION, ADJUST FAN CURB LOCATION AS REQUIRED TO AVOID ROOF STRUCTURE.
- M.C. SHALL SET ROOF TOP UNIT CURBS.
- M.C. SHALL PLACE EQUIPMENT ON ROOF AS SHOWN ON PLAN.
- M.C. SHALL FURNISH AND TEMPORARILY INSTALL CODE COMPLIANT THERMOSTATS IN SPACE. SEE RTU ACCESSORY SCHEDULE ON SHEET M501. COORDINATE WITH G.C. FOR LOCATION. FURNISH AND INSTALL ALL CONTROL WIRING REQUIRED.
- PROVIDE AND TEMPORARILY INSTALL AUDIBLE/VISUAL ALARM DEVICES IN SHELL SPACE TO SIGNAL DUCT DETECTOR ACTIVATION.

**CONSTRUCTION NOTES**

- M.C. SHALL LABEL RTU'S AND EF'S WITH RTU/EF # (3" HIGH BLACK LETTERS) AS APPLICABLE, I.E. "RTU #1".
- WIRING FROM REMOTE CONDENSING UNIT TO EVAPORATOR COIL, DOOR HEATER AND THE LIGHTS IN COOLER/FREEZER UNIT PROVIDED BY R.C. M.C. SHALL PLACE UNITS ON ROOF. R.C. SHALL SET CONDENSER UNITS IN CORRECT LOCATION AND CONNECT. COORDINATE W/GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL SUPPLY SUPPORTS FOR CONDENSERS. SEE DETAIL 2/M501.
- 18"x28" SUPPLY DUCT AND 18"x34" RETURN DUCT UP TO RTU-1 AND RTU-2. TRANSITION SUPPLY AND RETURN AIR RISERS AS REQUIRED TO CONNECT TO ROOF CURB OPENINGS (FROM DUCT SIZES SHOWN ON PLAN). PROVIDE FLEXIBLE CONNECTION AND VIBRATION DAMPER AT CONNECTION TO UNIT.
- SMOKE DETECTOR IN RETURN AIR DUCT OF RTU-1 AND RTU-2. INTERLOCK WIRING BY OTHERS UPON TENANT UPFIT. ACCESS SHALL BE PROVIDED FOR INSPECTION AND MAINTENANCE.
- 6" EXHAUST DUCT UP TO EF-1.
- WATER HEATER FLUE VENT.

LMT Project No. 18201

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LMT ENGINEER LICENSE NUMBER - C-1369

PROJECT: STARBUCKS SHELL BUILDING  
350 BLOWING ROCK BOULEVARD  
LENOR, NC 28645  
DRAWING: MECHANICAL ROOF PLAN AND SCHEDULES

**Revisions**

REVISION DATE

PROJECT DATE  
03/26/2019

Drawn By  
RJB

Checked By  
MJM

Sheet No.

M121

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