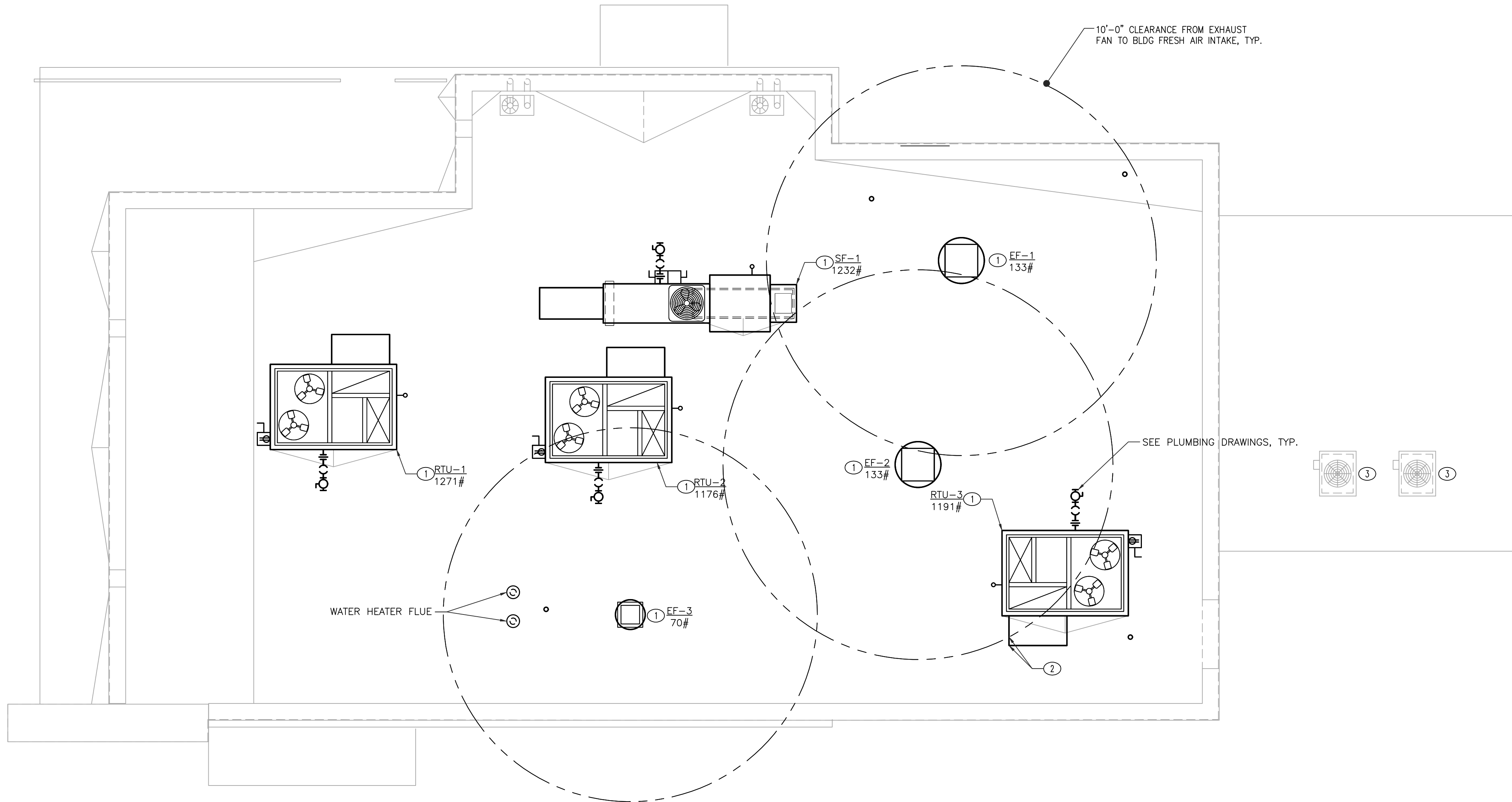
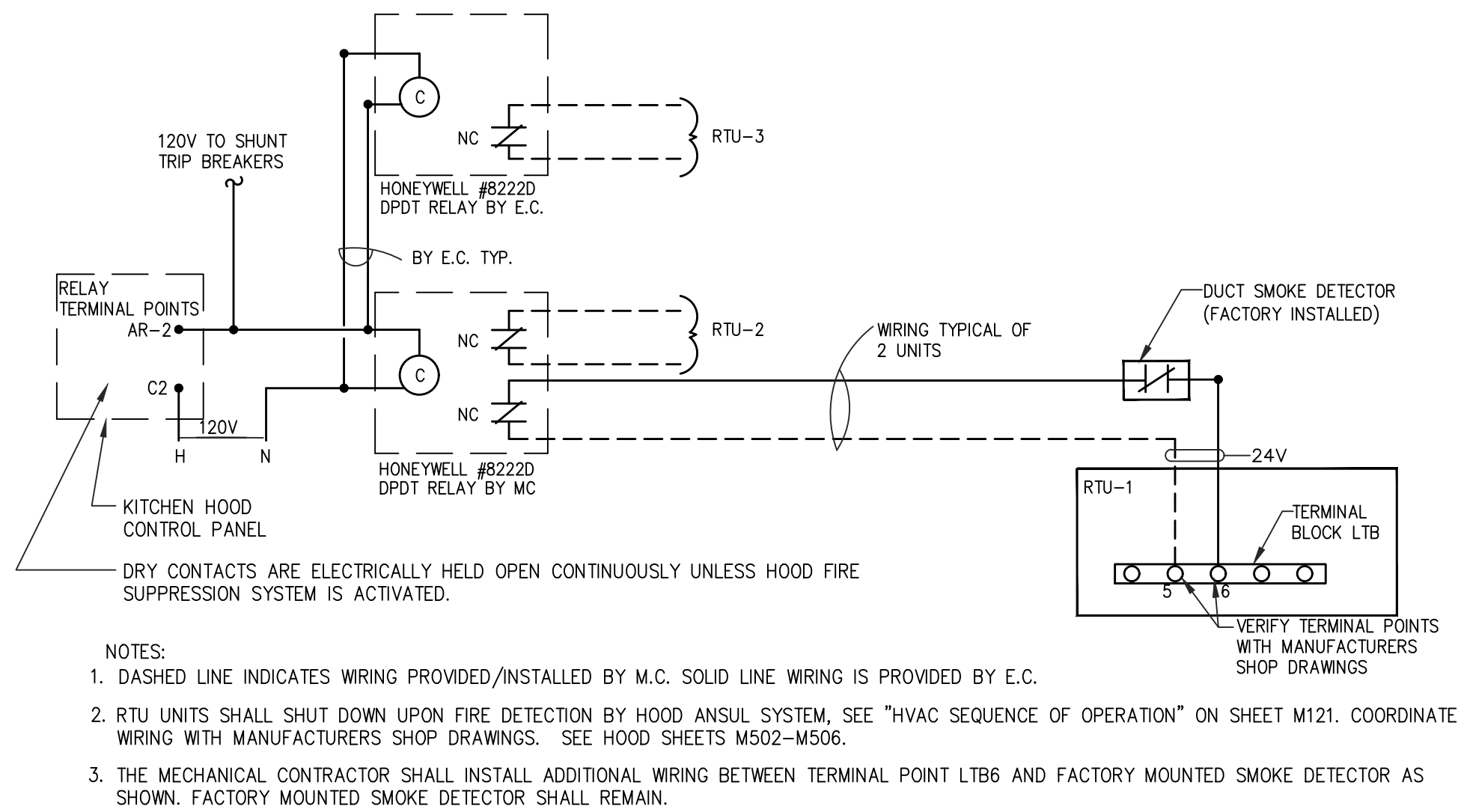


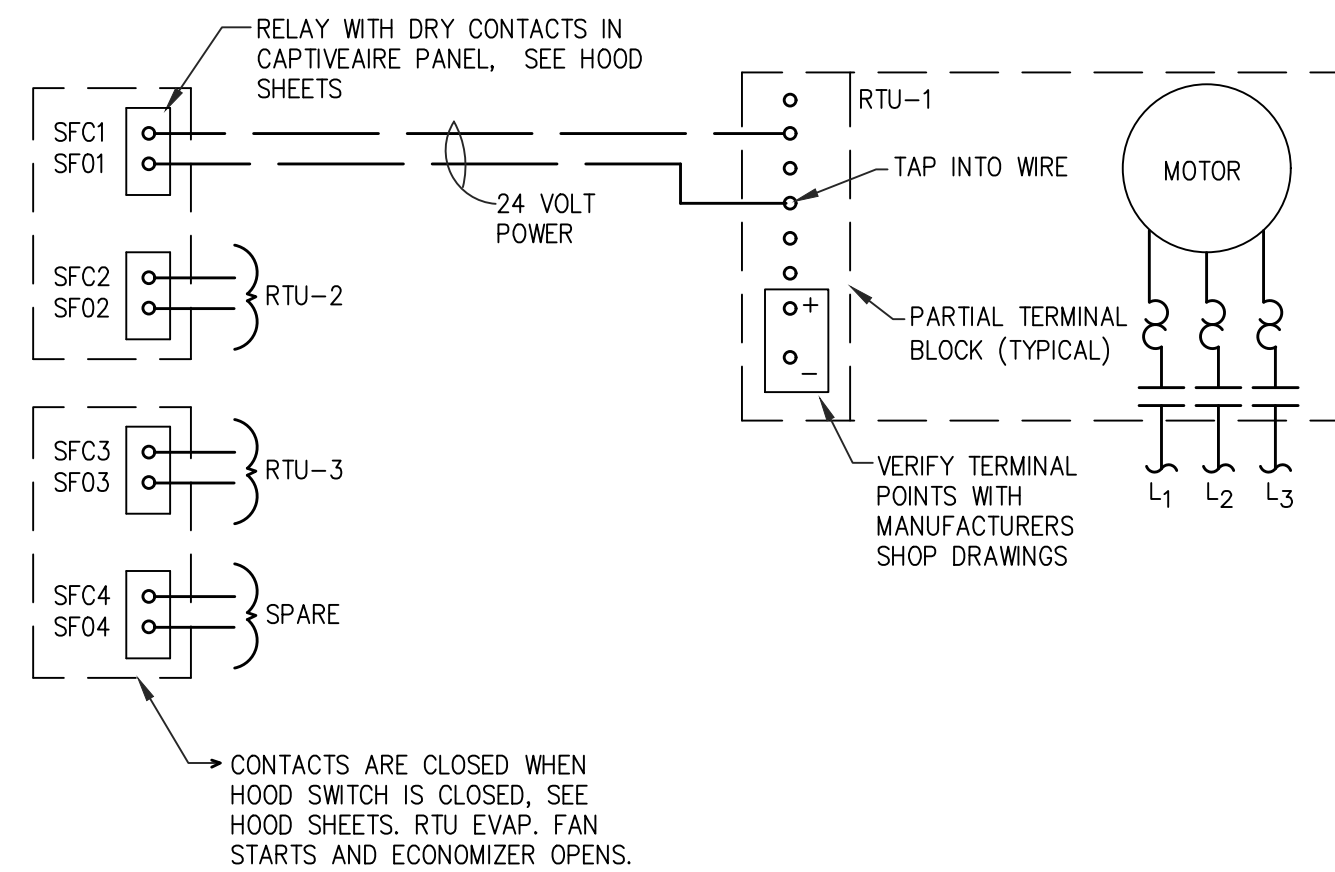
PARAPETS SHOWN ON SHEETS A201 AND A202 SHALL SCREEN RTUS.



1 MECHANICAL ROOF PLAN
SCALE: 1/4" = 1'-0"



4 EMERGENCY AC UNIT SHUT DOWN DETAIL
SCALE: NONE



3 RTU INTERLOCK WIRING DETAIL
SCALE: NONE

IF ANY DISCREPANCIES ARE FOUND ON THE PLANS, THE CONTRACTOR SHALL BID AND INSTALL THE MORE CONSERVATIVE SPECIFICATION AND CALL ENGINEER FOR CLARIFICATION.

PRIOR TO SUBMITTING BID, CONTRACTOR SHALL VISIT SITE TO EXAMINE SITE CONDITIONS. CONTRACTOR SHALL EXAMINE EXISTING CONDITIONS.

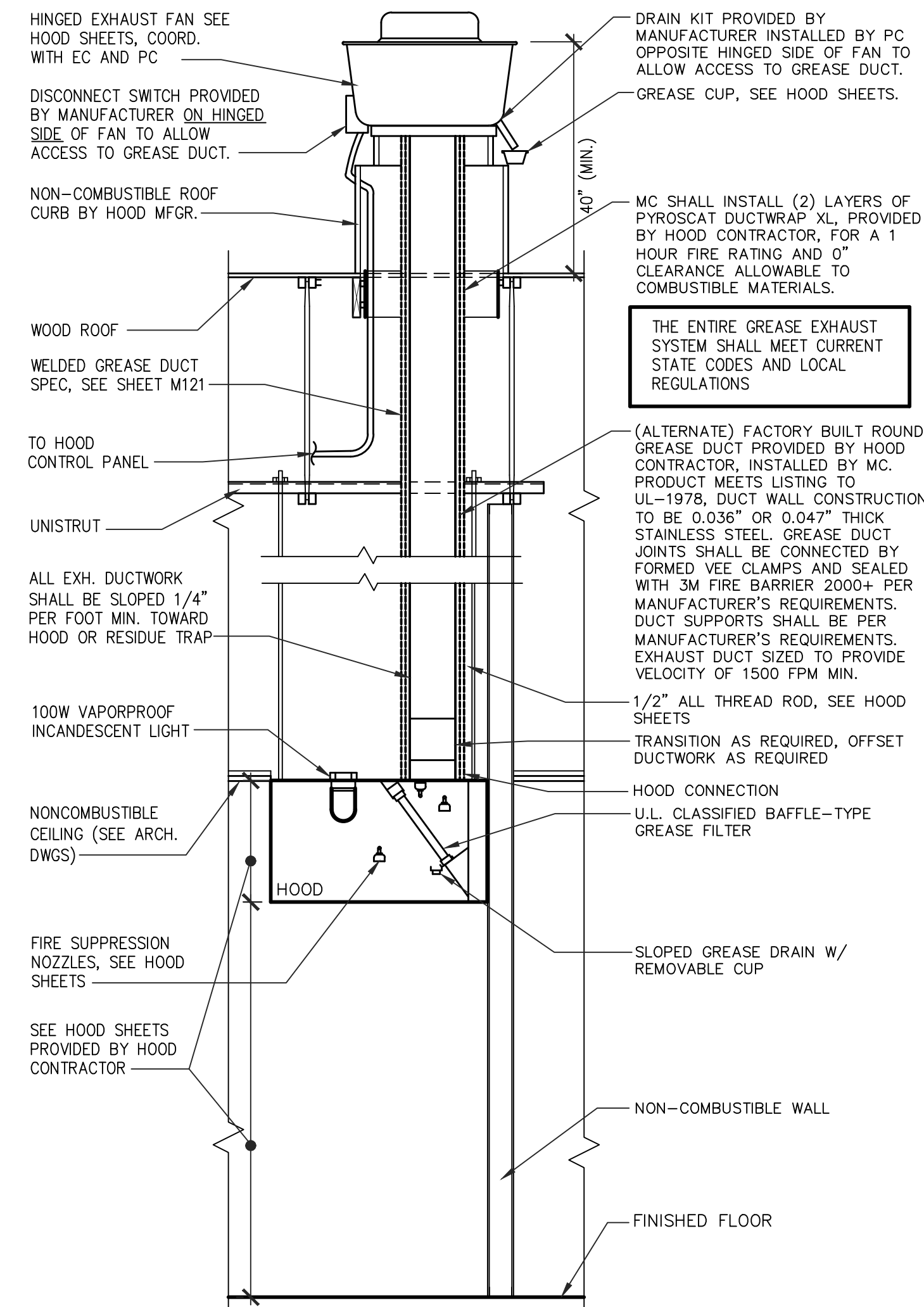
UNLESS NOTED OTHERWISE, ALL ITEMS ARE TO BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR.

CONSTRUCTION NOTES

- MC SHALL LABEL RTU'S, EF'S AND SF'S WITH RTU/EF/SF # (3" HIGH BLACK LETTERS) AS APPLICABLE, I.E. "RTU #1". ADD "MERV 13 FILTERS ONLY" UNDER THE RTU # LABEL.
- EXTEND OA INTAKE IN FIELD FOR EF-2 CLEARANCE.
- COOLER/FREEZER CONDENSERS ARE SUPPLIED WITH COOLER/FREEZER PACKAGE. SEE ARCHITECTURAL SHEETS.

GENERAL NOTES

- SEE SHEET M601 FOR OTHER GENERAL NOTES.
- COORDINATE ALL ROOF TOP EQUIPMENT WITH ROOF FRAMING PLAN. SEE STRUCTURAL SHEETS.
- ALL MECHANICAL EXHAUST OUTLETS SHALL BE INSTALLED 10' (MIN.) FROM ANY BUILDING FRESH AIR INTAKE AS SHOWN.
- 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. MC SHALL VERIFY ALL RTU'S DRAIN PANS FOR PROPER DRAINAGE.
- ALL GAS PIPING AND ELECT. CONDUITS PENETRATING ROOF SHALL GO THROUGH ROOF CONDUIT CURB (SEE PLUMBING AND ELECTRICAL PLANS) INSTALLED BY GC & ROOFING CONTRACTOR; EC AND PC SHALL COORDINATE. INSTALL PER ROOFING MANUFACTURER'S RECOMMENDATIONS AND DETAILS.
- M.C. SHALL FIELD VERIFY STRUCTURAL CONFIGURATION, ADJUST EXHAUST FAN CAP LOCATION AS REQUIRED TO AVOID ROOF STRUCTURE.
- GENERAL CONTRACTOR SHALL PROVIDE ROOF OPENINGS.
- MECHANICAL CONTRACTOR SHALL SET ROOF TOP UNIT CURBS.
- FOR ROOF STRUCTURE LAYOUT SEE STRUCTURAL DRAWINGS
- MC SHALL PLACE EQUIPMENT ON ROOF AS SHOWN ON PLAN.
- SEE ARCHITECTURAL ROOF PLAN FOR ROOFTOP UNIT DIMENSIONING AND INSTALLATION DETAILS.



2 TYP. GREASE HOOD AND DUCT DETAIL
SCALE: NONE

- NOTE:
- REQUIREMENTS SHOWN ARE FOR A TYPE "I" HOOD IN A SINGLE STORY BUILDING WITH NON-RATED ROOF ASSEMBLY.
 - HOOD SHALL BE LISTED BY NATIONAL AGENCY, SEE HOOD SHEETS.
 - FACTORY BUILT CLEAN-OUTS SHALL BE PROVIDED IN GREASE EXHAUST DUCT AT ALL CHANGES IN DIRECTION. THE CLEAN-OUT PANEL SHALL BE MADE OF THE SAME MATERIAL AND THICKNESS AS THE DUCT. THE C.O. PANEL SHALL HAVE A GASKET OR SEALANT THAT IS RATED FOR 1500F MIN. AND SHALL BE GREASE TIGHT.
 - GC SHALL PROVIDE FIRE RATED ACCESS PANEL AT THE DUCT ENCLOSURE TO ACCESS DUCT CLEANOUTS. A SIGN SHALL BE PLACED ON ALL FIRE SHIELDING ACCESS PANELS STATING-"ACCESS PANEL-DO NOT OBSTRUCT".
 - MC SHALL VERIFY WITH LOCAL CODE OFFICES ON ACCEPTABILITY OF PARTICULAR DUCT-WRAP MODEL AND MANUFACTURER. INSTALL ONLY LOCALLY APPROVED MATERIALS.
 - MAINTAIN 18" CLEAR FROM HOOD (INCLUDING TOP) TO COMBUSTIBLE MATERIALS UNLESS APPROVED SHIELDING IS APPLIED TO REDUCE CLEARANCE.

LHMT Project No. 21318

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6.24.22
LHMT ENGINEER LICENSE
NUMBER - C-1969

PROJECT: **HIGHWAY 55**
30 PROTOTYPE
1424 CURTIS BRIDGE ROAD
WILKESBORO, NC 28697
DRAWING: **MECHANICAL ROOF PLAN**

Revisions

THRU ADDENDUM "A"
01/20/2022

EQUIP. UPDATE - 06.24.2022

PROJECT DATE
01/07/2022

Drawn By
RJB

Checked By
NRT

Sheet No.

M161