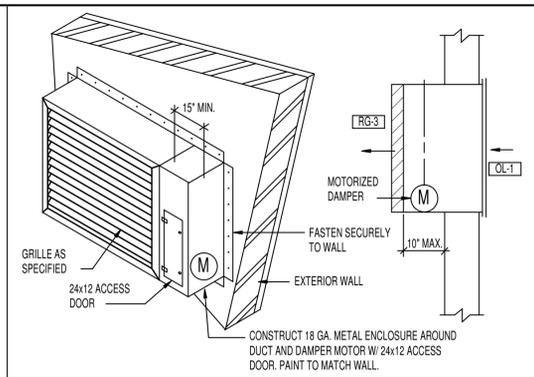
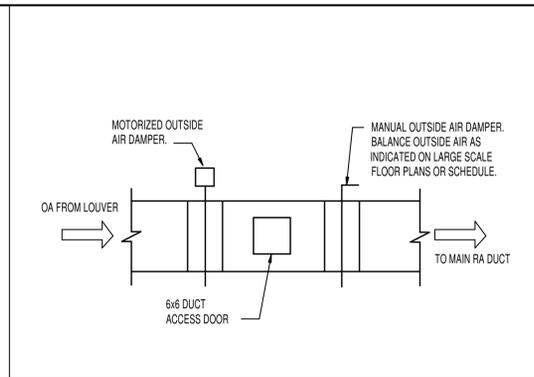


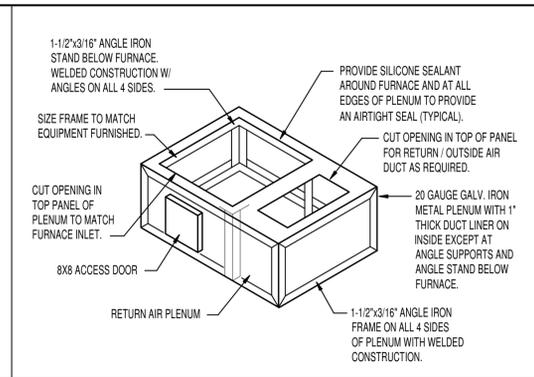
A RECT. DUCT CONNECTION DETAIL NO SCALE



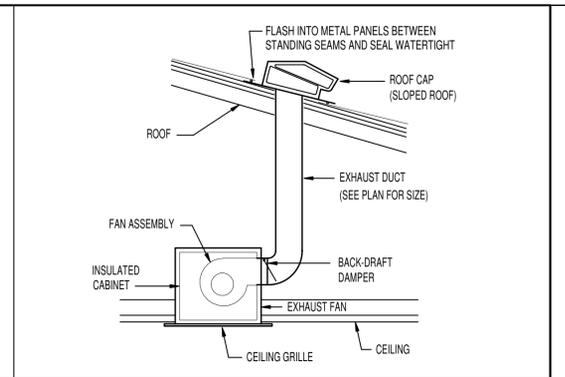
B OUTSIDE AIR INTAKE LOUVER NO SCALE



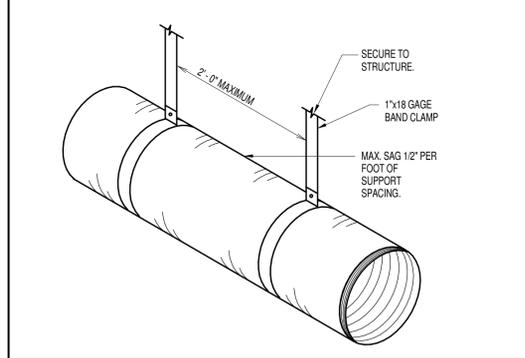
C OUTSIDE AIR DAMPER DETAIL NO SCALE



D PLENUM BASE DETAIL NO SCALE



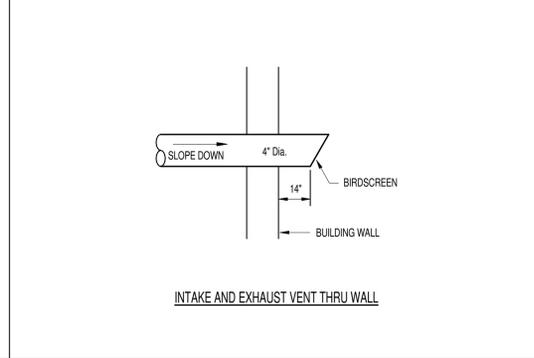
E CEILING MOUNTED EXHAUST FAN NO SCALE



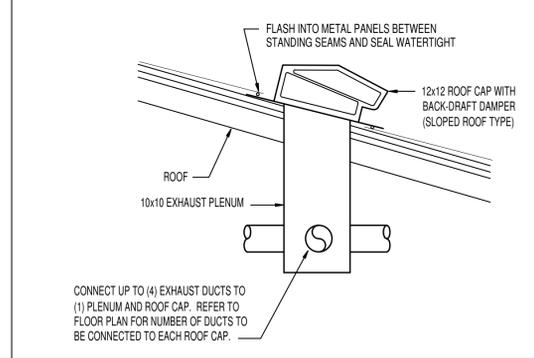
F FLEXIBLE DUCT SUPPORT DETAIL NO SCALE



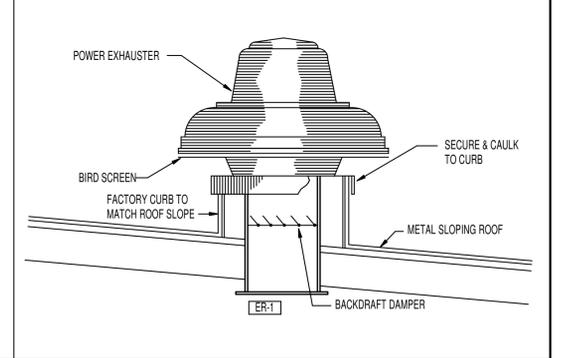
G NOT USED NO SCALE



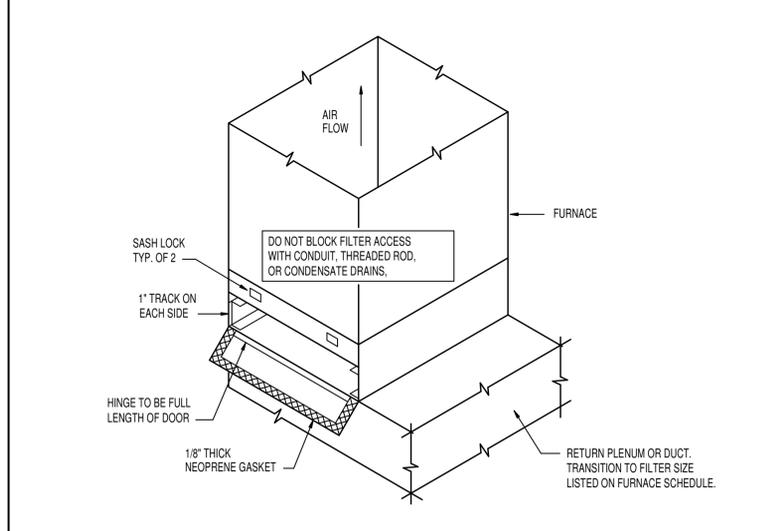
H TYPICAL INTAKE OR VENT DETAIL NO SCALE



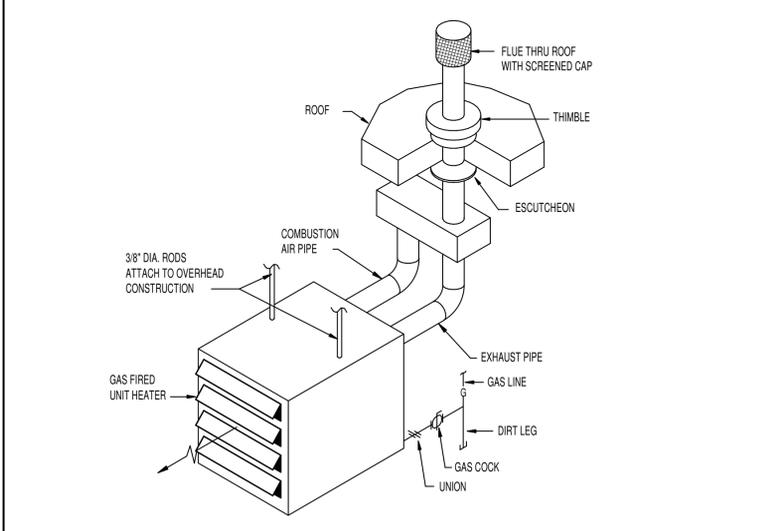
J ROOF CAP WITH PLENUM DETAIL NO SCALE



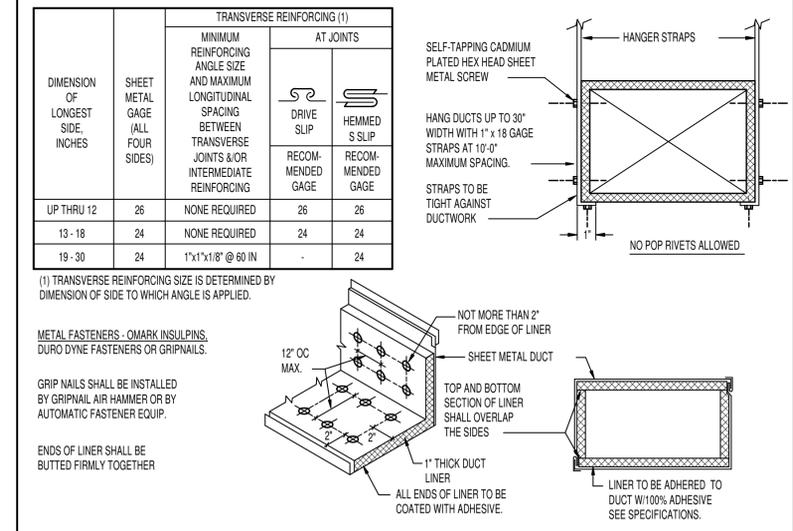
K ROOF MOUNTED EXHAUST FAN NO SCALE



L FILTER RACK DETAIL NO SCALE



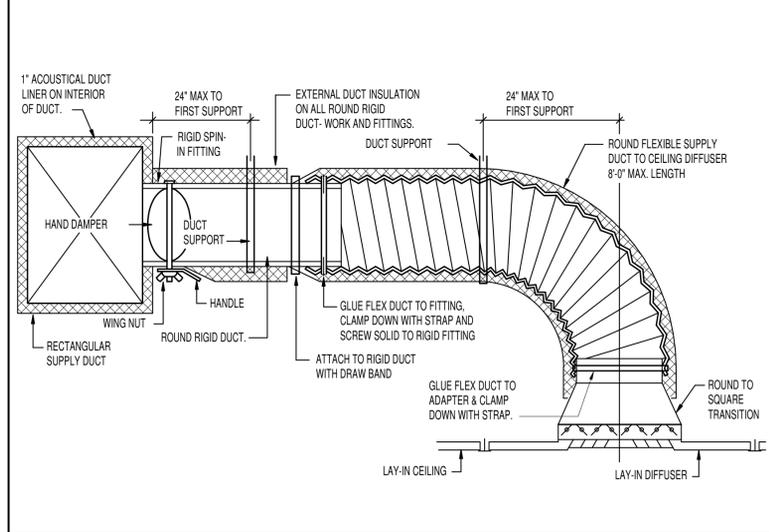
M SEPARATED COMBUSTION UNIT HEATER DETAIL NO SCALE



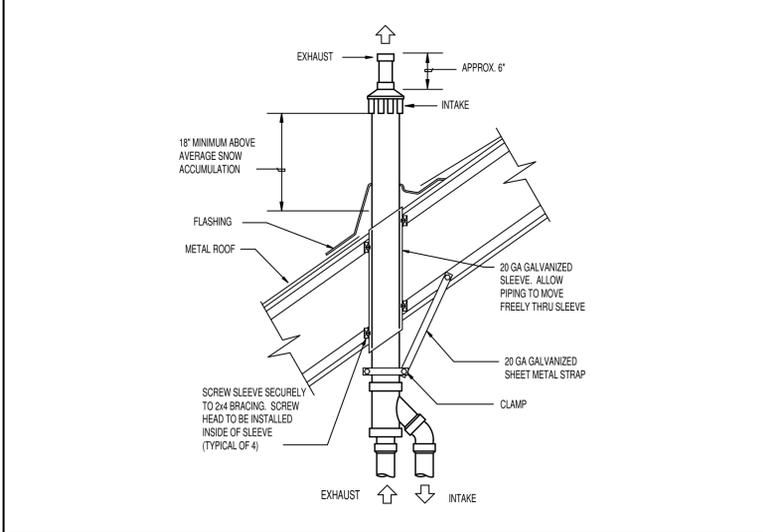
N DUCT CONSTRUCTION AND HANGER DETAIL NO SCALE

GENERAL NOTES:

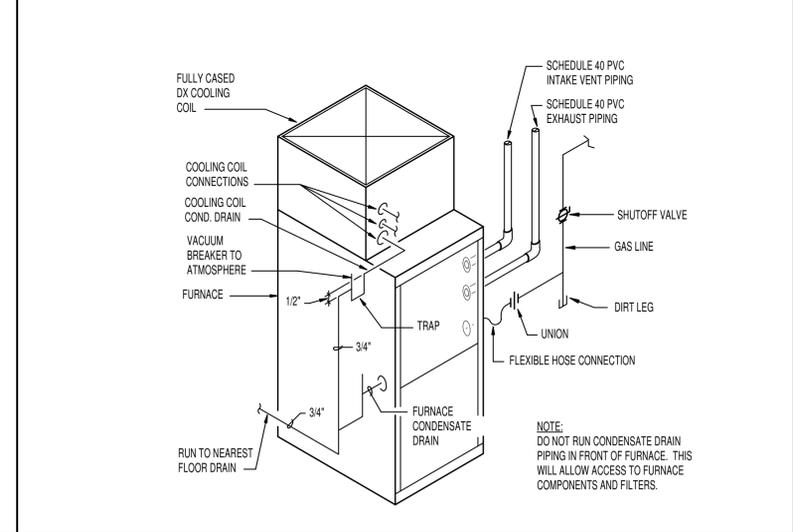
- A- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONNECTIONS ON THE JOB SITE. ALL WORK SHALL BE EXECUTED FROM MEASUREMENTS TAKEN AT THE SITE.
- B- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSURE PROPER CODE CLEARANCES FOR ELECTRICAL AND MECHANICAL ACCESS WHEN INSTALLING ANY EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR.
- C- IT IS CRITICAL THAT THIS CONTRACTOR COORDINATE EQUIPMENT LOCATIONS WITH PIPING, DUCTWORK, ELECTRICAL CONDUIT AND BUILDING STRUCTURE TO INSURE CODE COMPLIANCE.
- D- CEILING DIFFUSERS ARE SHOWN IN APPROXIMATE LOCATIONS. REFER TO LIGHTING PLANS AND REFLECTED CEILING PLAN FOR EXACT LOCATIONS.
- E- DUCT DIMENSIONS CALLED OUT ON DRAWINGS ARE INSIDE FREE AREA DIMENSIONS. ACOUSTICAL DUCT LINER ARE TO BE ADDED TO OVERALL MEASUREMENTS.
- F- ALL DUCTWORK AND PIPING WHICH PASSES THRU FIRE RATED WALLS TO BE FIRE STOPPED WITH APPROVED FOAM OR SEALANT. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS.



O CEILING DIFFUSER INSTALLATION DETAIL NO SCALE



P FURNACE VENTS THRU ROOF DETAIL NO SCALE



Q FURNACE PIPING DETAIL NO SCALE

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
 DATE ORIGINAL SIGNED: April 1, 2019 ORIGINAL ON FILE AT:
 ENGINEERED SYSTEMS ASSOCIATES 1355 EAST CENTER,
 POCATELLO, IDAHO 83201

Engineered Systems Associates
 1355 EAST CENTER
 POCATELLO, IDAHO 83201
 PHONE: (208) 233-0501
 FAX: (208) 233-0529
 EMAIL: esa@engsystems.com
 ESA JOB NUMBER: 18023

DATE: 11/30/18
 MLI DCS
 Drawn Checked

M3.1

A NEW FACILITY FOR:
BURLEY HIGHWAY DISTRICT
 MECHANICAL DETAILS

Laughlin Ricks Architecture
 architecture/planning
 935 Shoshone Street North • Twin Falls, Idaho 83301
 (208) 736-8050 Fax: (208) 733-0950