NO SCALE

14 GA. MOUNTING ANGLE ALL AROUND SLEEVE. BOTH SIDES OF WALL. FASTEN TO SLEEVE AT 6" CENTERS ALL AROUND — -FIRE RATED WALL — HEMMED "S" SLIP ALL AROUND - BOTH ENDS OF SLEEVE LABEL "SMOKE DAMPER ACCESS" IN BLOCK LETTERS AT LEAST ½" HIGH -DYNAMICALLY RATED DUCT ACCESS -UL LISTED FIRE/SMOKE DOOR -. AS DAMPER LARGE AS POSSIBLE UP ∠UL LISTED SLEEVE PROVIDED TO 12"X12" BY DAMPER MANUFACTURER

2 MALL SMOKE/FIRE DAMPER STYLE "B"
NO SCALE

VARIABLE SPEED DIRECT DRIVE EXHAUST FAN INSULATED ADAPTOR CURB TO ADJUST TO 24"X24" ROOF CURB. ∕GASKET ALL AROUND TO BE PROVIDED BY FAN MANUFACTURER --PRESSURE SENSOR - SET @ -0.10" W.C. ∕GASKET ALL AROUND INSULATED 14" HIGH TYPICAL 4" EXHAUST VENT. FOUR 4" 24"X24" ROOF CURB BY IN SMALLER FANS AND TWO ROWS OF FOUR IN LARGER FANS. FAN MANUFACTURER -/ 20 GAUGE PLATE. SEAL PLATE TO ALL EXHAUST DUCTS - AIR TIGHT

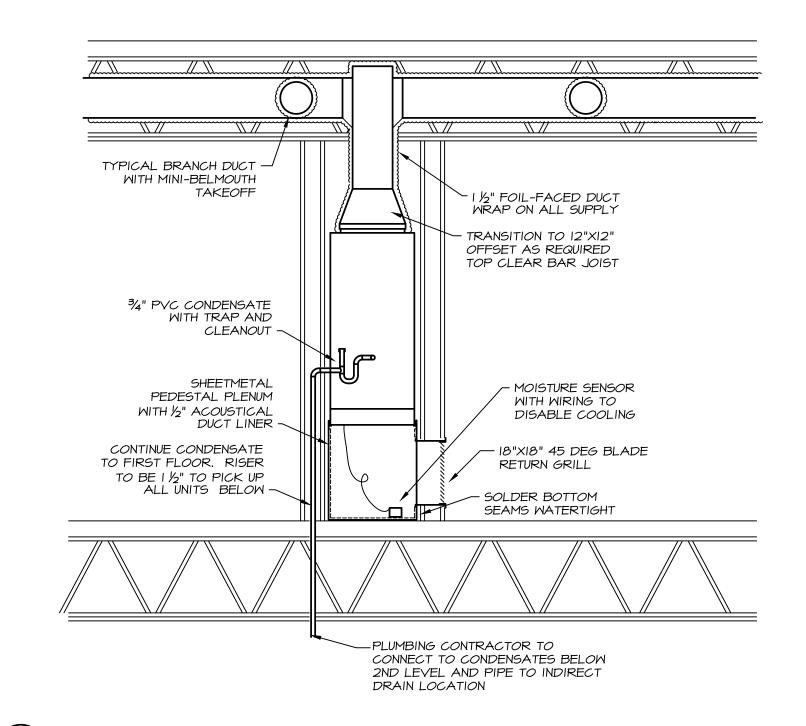
3 BATHROOM EXHAUST TERMINATIONS
TYPICAL EF-I THROUGH EF-IS

NO SCALE

∠ TYPICAL BRANCH DUCT WITH MINI-BELMOUTH TAKEOFF - 1 ½" FOIL-FACED DUCT WRAP ON ALL SUPPLY TRANSITION TO 14"XIO" UPFLOW OFFSET AS REQUIRED TOP CLEAR BAR JOIST HANDLER 34" PVC CONDENSATE WITH TRAP AND CLEANOUT -- MOISTURE SENSOR SHEETMETAL PEDESTAL WITH WIRING TO PLENUM WITH 1/2" ACOUSTICAL DISABLE COOLING DUCT LINER . CONTINUE CONDENSATE — 18"X18" 45 DEG BLADE TO FIRST FLOOR. RISER RETURN GRILL TO BE 1 ½" TO PICK UP ALL UNITS BELOW — - SOLDER BOTTOM SEAMS WATERTIGHT -PLUMBING CONTRACTOR TO CONNECT TO CONDENSATES BELOW 2ND LEVEL AND PIPE TO INDIRECT DRAIN LOCATION

4 SECTION VIEW AIR HANDLER - DUCT IN ONE DIRECTON

SCALE: 1/8" = 1'-0"



5 SECTION VIEW AIR HANDLER - DUCT IN TWO DIRECTIONS
SCALE: 1/8" = 1'-0"





CONSTRUCTION CORPORATION

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York & Portlan

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drawn by: KFM

MECHANICAL DETAILS

sheet number: