1 TYPICAL DUCT & PIPING SUPPORT RACK

NO SCALE

2 ELEVATOR MACH. ROOM

SCALE: ¼" = 1'-0"

THESE TYPES OF FITTINGS PROHIBITED UNLESS SPECIFICALLY INDICATED OTHERWISE

ELBOWS TO BE SMOOTH, LONG RADIUS ONLY SEGMENTED ELBOWS ARE PROHIBITED

3 UNACCEPTABLE DUCT FITTINGS

NO SCALE

4 SHOP FABRICATED MANUAL DAMPER

NO SCALE

5 FIRST FLOOR PLAN

SCALE: ⅛" = 1'-0" ELEV. 18.55'

6 LOWER LEVEL PLAN

SCALE: ⅛" = 1'-0" ELEV. 07.55'

6"x4" DUCT TO EACH INDIVIDUAL SUPPLY REGISTER.

4"Ø DUCT TO EACH INDIVIDUAL EXHAUST REGISTER

ALL SUPPLY REGISTERS SERVING LIVING UNITS TO BE 6"x4", 75 CFM

ALL EXHAUST REGISTERS SERVING LIVING UNITS TO BE 6"x4", 50 CFM IN BATHROOMS & 25 CFM IN KITCHENS.

FLEXIBLE DUCTWORK IS NOT PERMITTED OTHER THAN FINAL TERMINATIONS AT CLOTHES DRYERS.

PIPING AND DUCTWORK WILL BE EXPOSED. INSTALLATION & ARRANGEMENTS TO BE AS NEAT & ORGANIZED AS POSSIBL

PROVIDE A CONDENSATE LIFT PUMP WITH EVERY AIR HANDLER & BCC UNIT. LIFT CONDENSATE AS HIGH AS POSSIBLE THEN DRAIN BY GRAVITY @ 0.10"/LF AS SHOWN. DRAIN LINES TO PARALLEL REFRIGERANT LINES AS MUCH AS POSSIBLE.

DRAINS FROM EACH UNIT TO BE 1" WITH UP TO 2 UNITS ON A 1" LINE. USE 1¼" WHERE MORE THAN TWO UNITS ARE CONNECTED.

EACH SINGLE REFRIGERANT LINE SHOWN BETWEEN BCC UNITS AND AIR HANDLERS REPRESENTS BOTH LIQUID AND GAS.

⅛" = 1'-0" 0' 2' 4' 6' 8' 16' 24' 32'

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Date: 03/21/17

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