

- 1/2" STEEL PIPE TAPS WITH STEEL

CONDUCTIVITY CONTROLLER

BALL VALVES, RUN TO

BUSHING AND/OR DIELECTRIC —

COUPLING FOR 3/8" PLASTIC OR

COPPER TUBING

FLEXIBLE DUCT. SAME AS -

DIFFUSER NECK SIZE MIN.

LENGTH 3' MAX. LENGTH 5'

TAKE-OFF.

14 DIFFUSER CONNECTION DETAIL
SCALE: NTS

COLLAR

NOTES:
1. CONTROLLER INSTALLED ON TOP OF DIFFUSER AND

ADJUSTED THROUGH LAY-IN CEILING DIFFUSER FRAME.

REMOTE CABLE DAMPER CONTROLLER

1. CONTROLLER INSTALLED INSIDE PLENUM AND ADJUSTED THROUGH THE DIFFUSER FRAME.

STAINLESS STEEL -

SUPPLY DIFFUSER

WIDTH

NECK DIA.

EXTERNAL -

MAIN DUCT CONNECTION

CONTROLLED **VOLUME DAMPER AT**

BRANCH DUCT WITH SIX -

FEET OF ONE INCH ACOUSTICAL LINING

CONTROLLED

VOLUME

DAMPER

SCALE: NTS

DRAW BAND1/2" MIN.

MIN. RADIUS (R) 1.5 TIMES -

BALANCING DAMPER.

LOCATE AT BRANCH

DRAW BAND WITH CABLE ———

SUPPORT ATTACHED TO SLAB

ABOVE WHEN FLEX DUCT IS 5'

AIR FLOW

90°MIN.

STAINLESS STEEL DRAW

CEILING TILE

- CEILING TEE

STAINLESS WIRE.

50 FEET MAXIMUM

LOCKING GEAR DRIVE

REMOTE CONTROLLER

- INACCESSIBLE

- STAINLESS WIRE.

50 FEET MAXIMUM

LOCKING GEAR DRIVE

MOUNTED ON TOP OF

CONTROLLER KIT

DIFFUSER

INACCESSIBLE

- DIFFUSER

SUSPENDED CEILING

REMOTE CONTROLLER

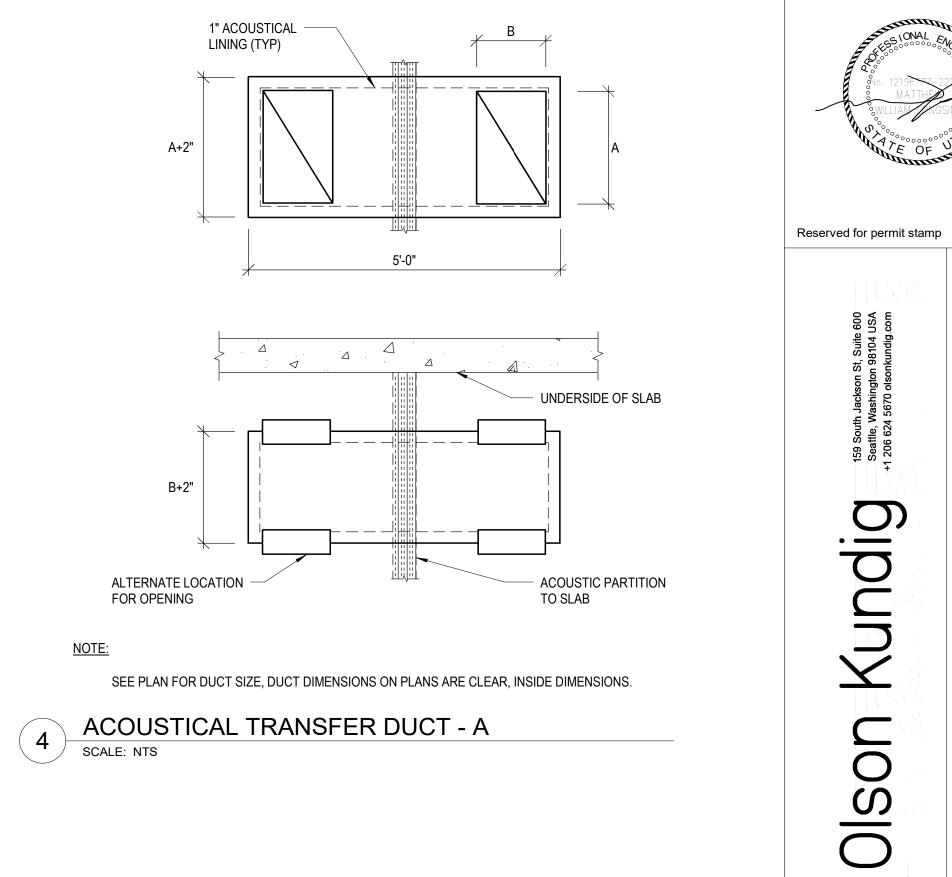
DIFFUSER

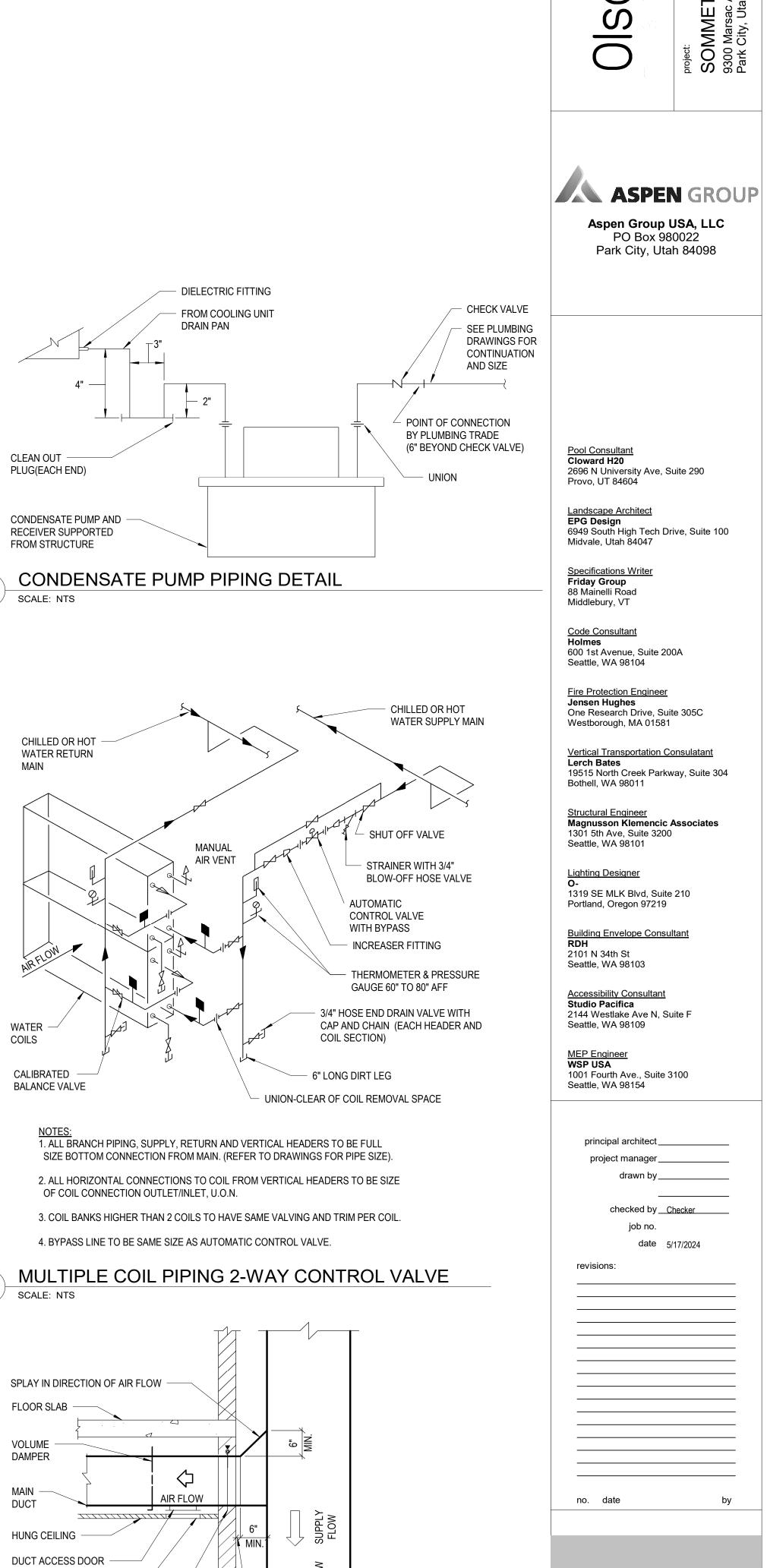
SUSPENDED CEILING

CONTROLLER KIT

BAND 1/2" MIN. WIDTH

OR LONGER





"TYP

SUPPLY OR EXHAUST AIR RISER CONNECTION

SEE FSD

MANUFACTUREF

FOR EXACT DIM.

IFC Set 2 of 3

5/17/2024

MECHANICAL DETAILS

M5.06

WATER -

VOLUME DAMPER

DUCT

CEILING ACCESS -

DUCT RISER -

SHAFT WALL

SCALE: NTS

FIRE/SMOKE DAMPER -

COILS