

STRUCTURE ABOVE

FOUNDATION WALL, 2"

LARGER IN DIAMETER

- SEALANT AND BACKER

- NON-FLAMMABLE FILL

COMPACTED AROUND

FUSIBLE LINK RATED

SYSTEM

FOR 50 DEG. F ABOVE

MAX. TEMPERATURE OF

SLEEVE

THAN PIPE

-NEW OUTSIDE AIR

INTAKE STAINLESS

NEW DUCT 24"ø, STAINLESS STEEL

- CUT DUCT OPENING

THROUGH EXISTING

-NEW FAI DUCT -RECTANGULAR TO ROUND TRANSITION

NEW EXHAUST AIR

PLENUM DUCT

BEHIND NEW

LOUVER

STEEL GRATE

ELEVATION "B"

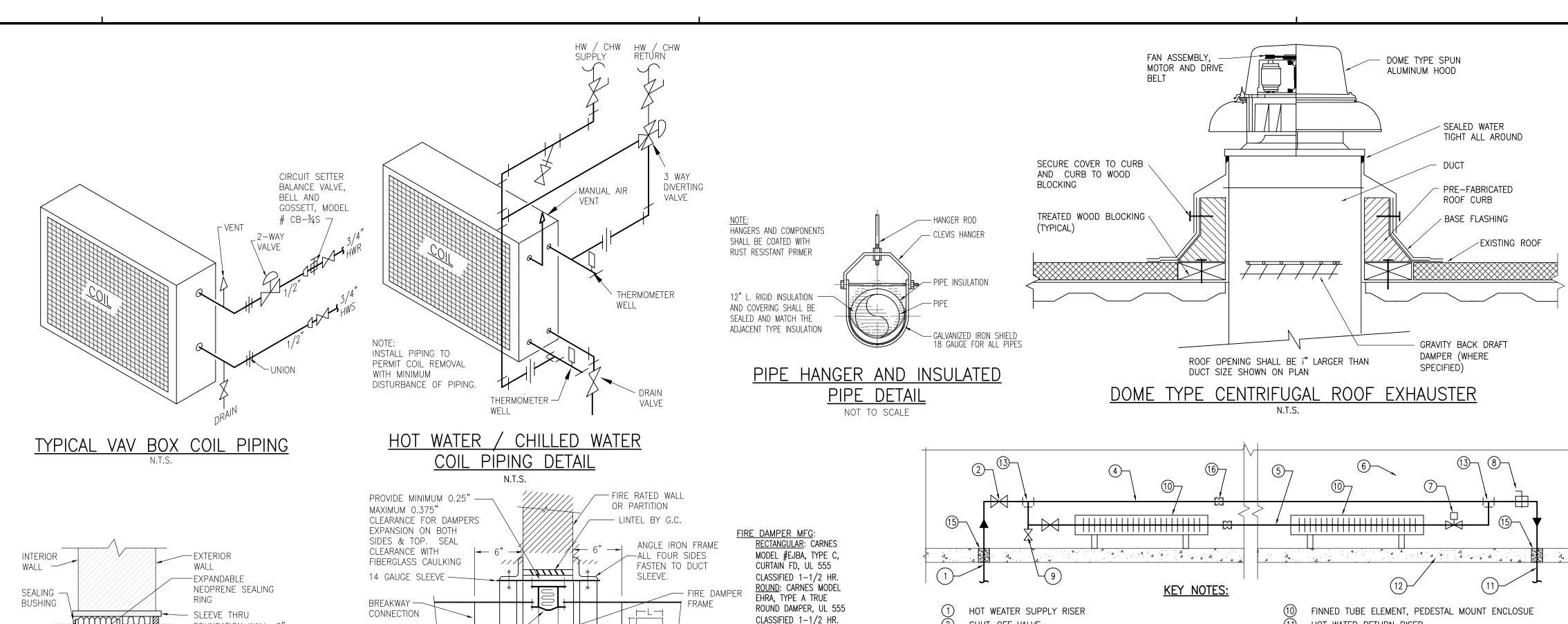
AT MECHANICAL ROOM NO.1 SCALE: 1/4"=1'-0"

STEEL COVER

66"ø

PIPE PENETRATION DETAIL

WALL -



ACCESS DOOR

MIN. HEIGHT 12"

OR 1" SMALLER THAN DUCT

HEIGHT, 12" MIN.

LENGTH

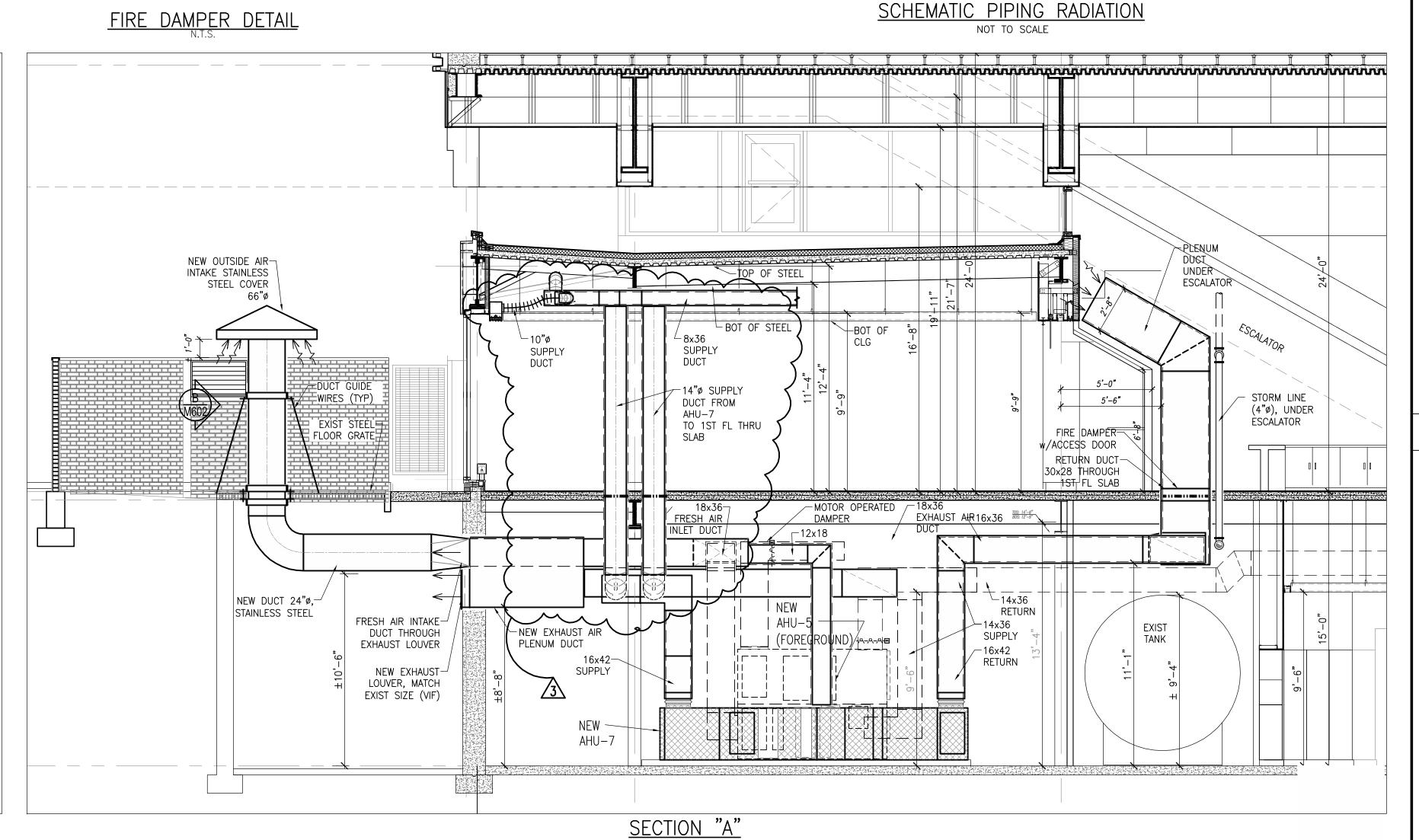
~FASTEN TO

DAMPER FRAME TO

SLEEVE

FASTEN FIRE

SLEEVE



AT MECHANICAL ROOM NO.1

SCALE: 1/4"=1'-0"

SHUT-OFF VALVE

5"x8" ACCESS DOOR

GLASS WINDOW BEYOND

HOT WATER SUPPLY AND RETURN MAIN RUN IN RADIATION COVER

HOSE END DRAIN AT LOW POINT, PROVIDE SUFFICIENT DRAINS TO

RADIATION ZONE PIPING RUN IN ENCLOSURE FRAME

ZONE CONTROL VALVE, MINIMUN Cv = 3.4

COMBINATION BALANCING / SHUT-OFF VALVE

ENABLE COMPLETE DRAIN DOWN OF SYSTEM

HOT WATER RETURN RISER

OUTLET OF EACH RADIATION ZONE.

FIREPROOF BARRIER AT FLOOR PENATRATION

MINIMUM 36" EXPANSION LEG

BELLOWS EXPANSION JOINT

1"x1" MONOFLOW TEE FITTING, BELL & GOSSETT RED RING

MONOFLOW, OR APPROVED EQUAL. TYPCAL AT INLET AND

FLOOR SLAB

County College LESSNER FIRST FLOOR ADDITION & FIRST FLOOR & LOWER LEVEL REHABILITATION Lessner Building Elizabeth Campus 12 West Jersey Street Elizabeth, NJ 07202 THE MUSIAL GROUP ARCHITECTURE 191 Mill Lane Mountainside, NJ 07092 t. 908.232.2860 f. 908.232.2845 e. studio@themusialgroup.com March 2016 Revision Revision Revisio Number Description Date 04/05/201 ADDENDUM # 1 04/11/2016 ADDENDUM # 2 REVISIONS 10/28/2016 Scale: Drawn by:

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Mechanical **Details**

M602