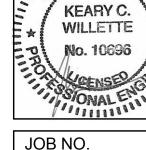


permitted without written permission of PDT Architects.





No. Date Description Revision Schedule



JOB NO. 195210863

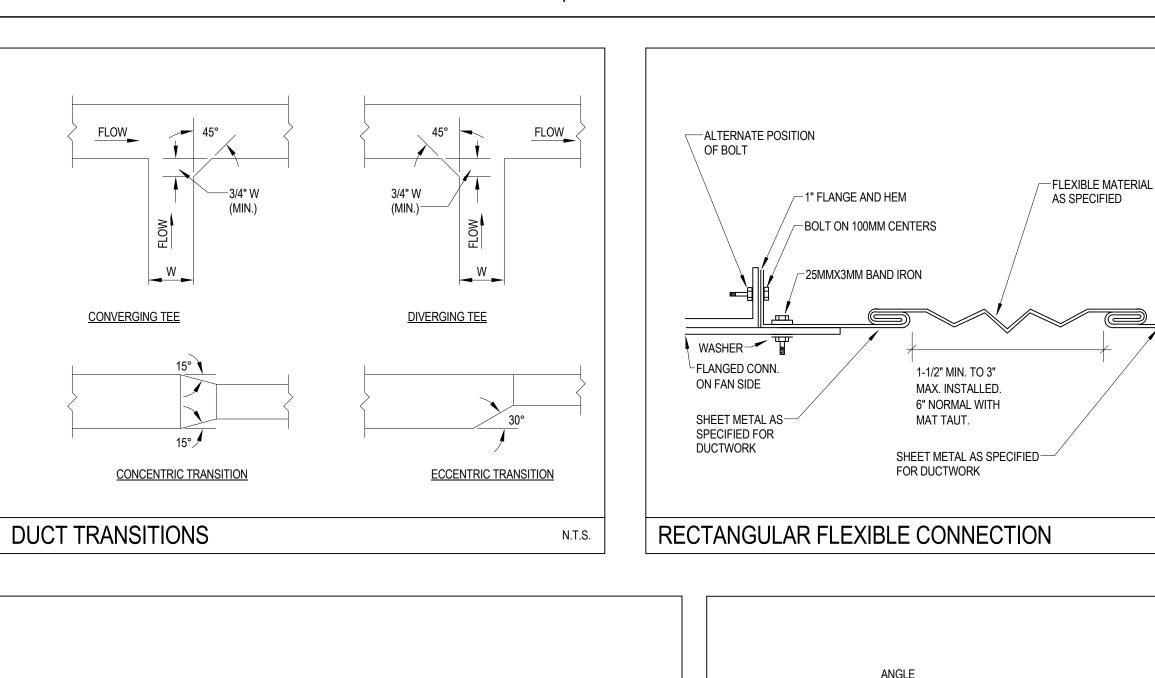
> DRWN: CHK: ERD KCW

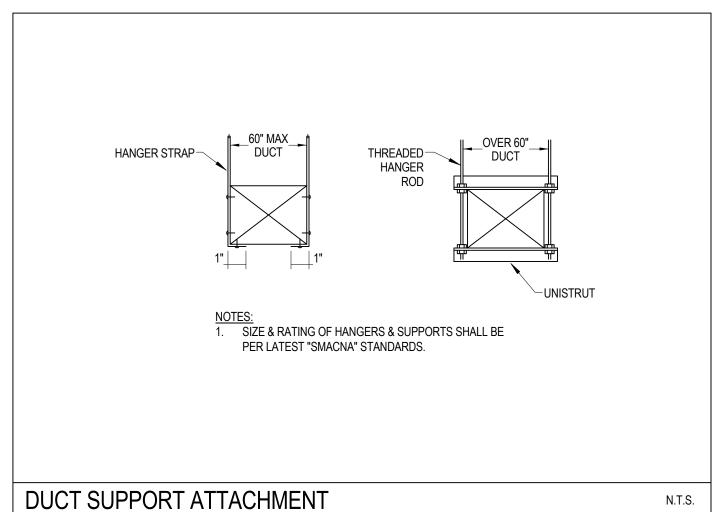
SCALE:

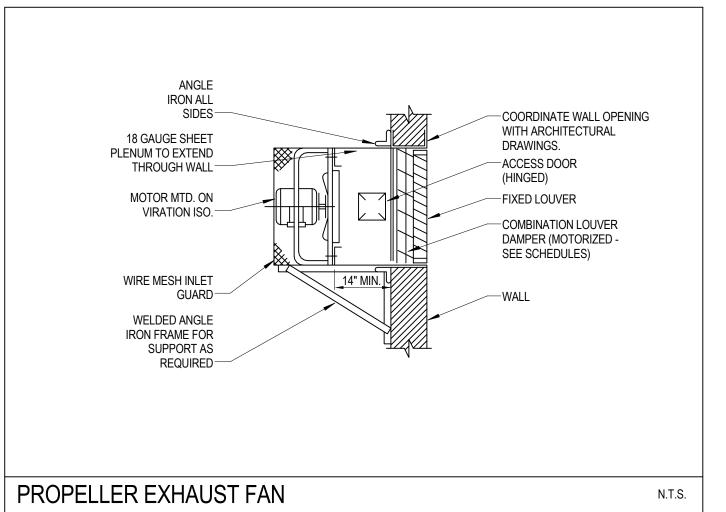
PERMIT SET - 95% CONSTRUCTION DOCUMENTS

04.12.16 HVAC DETAILS

M501







/---1-1/2"

SLIP

POCKET

N.T.S.

PIPE HANGER SHALL SUPPORT PIPING

WATER COIL

TEMPERATURE

INDICATION TO ECC

DOUBLE COIL

1) HANGER AND SADDLE MATERIALS TO

MATCH PIPE MATERIALS. SIZE AND GAUGE OF INSULATION SHIELD

SHALL BE PER THE INSULATION

SHIELD MANUFACTURER'S

2 HANGER DIMENSIONS SHALL SUIT

MOVEMENT WITHOUT BINDING.

INSULATION WRAPPED AROUND

INSULATED PIPE SIZES TO ALLOW FREE

ADJUSTABLE SWIVEL PIPE

ROLL HANGER

FOR HOT PIPES OVER 100mm (4")

N.T.S.

Stantec Consulting Services Inc. 482 Payne Road Scarborough Court

Tel: (207) 883-3355 / Fax: (207) 883-3376

Scarborough, ME 04074-8929

www.stantec.com

RECOMMENDATION

3) PIPE HANGERS FOR COLD

PIPES MAY BE THE SAME

SIZE AS THE PIPE WITH

THE HANGER.

CONCRETE INSERT OR AS-

CONSULTANT

-INSULATION - SEE

HANGER ROD-

FOR THICKNESS

─ADJUSTABLE HANGER

305mm (12") PROTECTION-

SADDLE WELD TO PIPE

-INSULATION - SEE

-300mm (12") LONG

STEEL INSULATION

PROTECTION SHIELD

PIPE ROLLER-

GALVANIZÉD

-HANGER ROD

CLEVIS HANGER

FOR PIPES 65mm TO

100mm (2-1/2" TO 4")

FOR COLD PIPES

65mm (2-1/2") AND

CLEVIS HANGER

FOR PIPES LESS THAN

65mm (2-1/2")

PIPE HANGER DETAILS

PROVIDE HIGH-

COMPRESSIVE STRENGTH

INSULATION

MIN) UNDER

INSULATION

SHIELD.

DENSITY (9PSF

-150mm (6") PROTECTION

SADDLE WELD TO PIPE

REQUIRED BY STRUCTURAL ENGINEER. REVIEW WITH

SPECIFICATIONS FOR THICKNESS

INSULATION - SEE SPECIFICATIONS-

SPECIFICATIONS FOR THICKNESS

1. WHEN COIL IS INCLUDED IN CASING MOUNTED ON VIBRATION ISOLATORS THE FIRST 2 HANGERS FOR

2. PIPING SHALL BE INSTALLED IN SUCH MANNER THAT IT WILL NOT BLOCK THE SWING OR USE OF

3. THE FLOW ELEMENT MAY BE INSTALLED IN THE SUPPLY PIPING IF THE REQUIRED MINIMUM UPSTREAM AND DOWNSTREAM DIMENSIONS CANNOT BE OBTAINED IN THE RETURN PIPING.

NOTES:

ACCESS DOORS OR PANELS; NEITHER SHALL IT BLOCK THE SERVICING OF FILTERS, VALES, OR

EACH PIPE SHALL BE SPRING & NEOPRENE TYPE. TYPE "H" FOR 4" [100mm] PIPE & SMALLER. TYPE

SEE CONTROL DIAGRAM-

REDUCER, IF REQUIRED

FLOW ELEMENT

N.T.S.

INDEPENDENT OF COIL-

DRAIN WHEN COIL IS NOT

INDEPENDENT OF COIL—

DRAIN WHEN COIL IS NOT

SELF-DRAINING-

PIPE HANGER SHALL SUPPORT PIPING

(TYP.)----

WATER COIL

"H-P" FOR 5" [125mm] PIPE & LARGER.

WATER COILS - PIPING CONNECTIONS

SELF-DRAINING-

AIR VENT WHEN MV

COIL

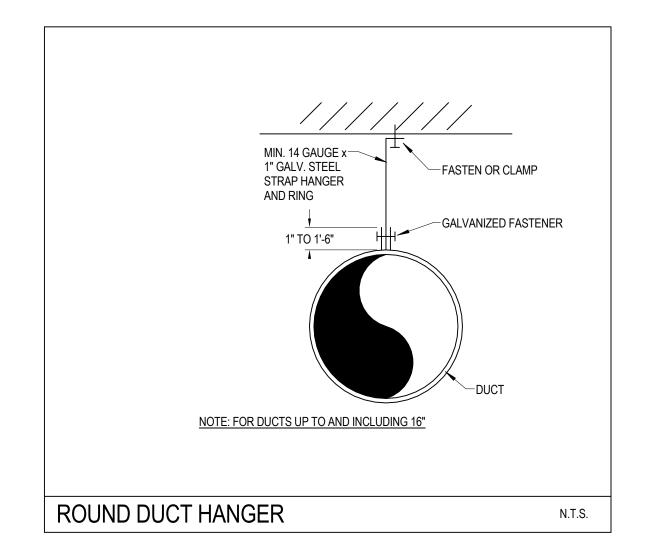
SELF-VENTING-

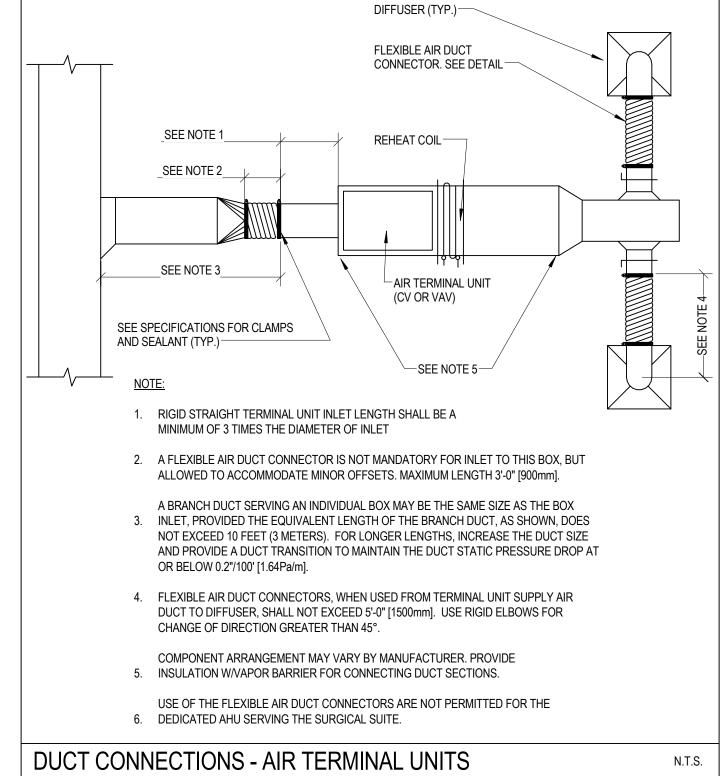
AIR VENT WHEN

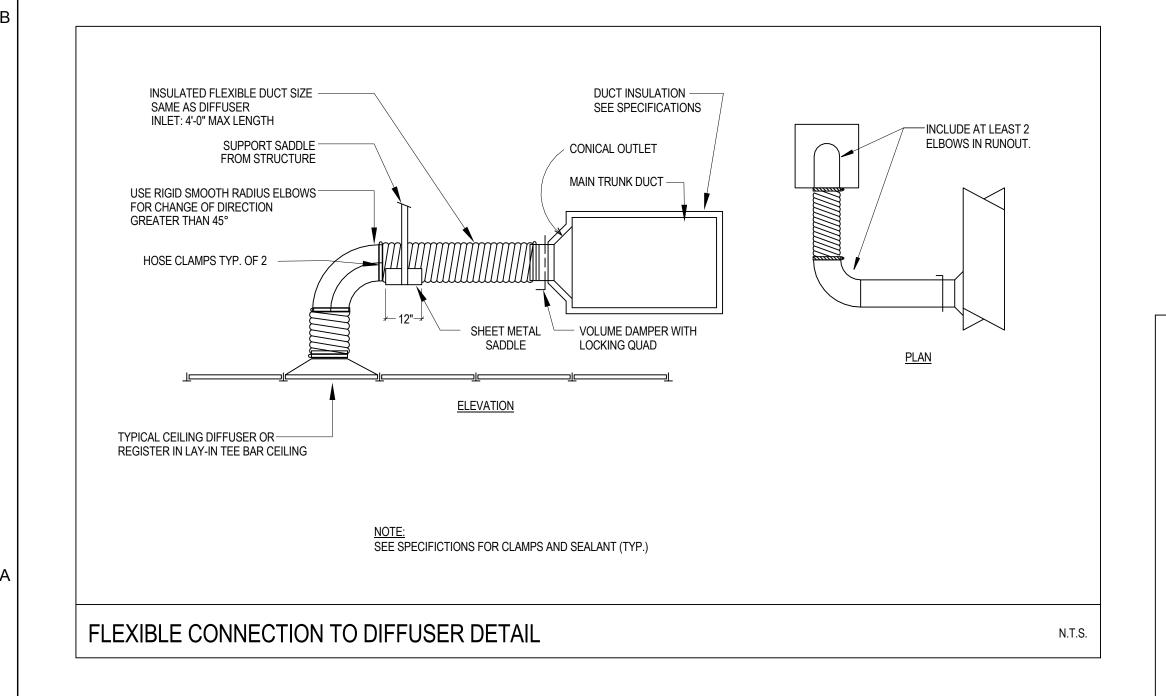
SELF-VENTING-

COIL

IS NOT







STRUCTURAL-

SECTION

110.26

SPACE

WORKING

MINIMUM

PANEL

BOARD

SECTION 110.26

WORKING /

SPACE

FRONT VIEW

BOARD

FRONT VIEW

BALANCE DAMPER

SHEET METAL BRANCH

ELBOWS IN RUNOUT.

DUCT INCLUDE AT LEAST 2

N.T.S.

FLOOR-

ELECTRICAL

FLOOR—

PROVIDE 1" THICK DUCT LINER AT ALL RETURN AIR

BOOTS AND FIRST 12 FT OF EACH RETURN AIR RUNOUT.

DEDICATED ELECTRICAL SPACE REQUIREMENTS

SPACE-

WORKING SPACE REQUIREMENTS

REFER TO

(TYPICAL)

N.E.C.

CEILING

MINIMUM

STRUCTURAL-

<u>NOTE:</u> NO DUCTWORK OR

PIPING PERMITTED IN HATCHED SPACES

CLEARANCES AT ELECTRICAL PANELS

_ _ _ _ _ _

<u>SECTION</u>

CEILING CONSTRUCTION

CEILING MOUNTED RETURN GRILLE AND RETURN DUCT DETAIL

SHEET METAL DUCT

SAFETY CHAINS AT

ANCHORED TO

BUILDING

STRUCTURE

OPPOSING CORNERS

SIDE VIEW

FLEX DUCT

3'-0" MAX

CEILING

SUSPENDED-

SUSPENDED-

