CONCENTRIC VENT TERMINATION DETAIL

- FLASHING - 20 GA. GALVANIZED SLEEVE. ALLOW SCREW SLEEVE SECURELY PIPING TO MOVE TO 2x4 BRACING. SCREW FREELY THRU SLEEVE HEAD TO BE INSTALLED INSIDE OF SLEEVE. (TYPICAL OF 4) -

EXHAUST

- 20 GA. GALVANIZED

SHEET METAL STRAP

NOTE: PRE-CHARGE LINE SETS ARE AVAILABLE IN LENGTHS OF 16, 20, 32 AND 49 FEET. LENGTHS ARE TO BE - RISE REFRIGERANT PIPING KEPT AS SHORT AS POSSIBLE. COILING UP THRU ROOF. REFER TO OF LINES THAT ARE TOO LONG WILL SPLIT A/C UNIT SCHEDULE CONCEAL CONTROL WIRING IN WALL.— NOT BE ACCEPTABLE AND WILL BE FOR LINE SIZES. REPLACED AT CONTRACTOR'S EXPENSE. — RUN 3/4" CONDENSATE DRAIN LINE

- MOUNT OUTDOOR UNIT ON ROOF WITH 4x4 REDWOOD RAILS. WRAP 4x4 RAILS WITH ROOFING MATERIAL

- BOLT TO 4x4 REDWOOD RAILS

WITH I" THICK NEOPRENE PAD

PROVIDE SUPPORT AT ROOF PENETRATION -

SEAL ROOF PENETRATION WEATHER TIGHT

FAN COIL & REFRIGERANT PIPING DETAIL

WALL MOUNT DIGITAL

TO SINK SIDE OF P-TRAP ON

LAVATORY IN TOILET ROOM

TYP. ROOF JOIST-

TRANSVERSE REINFORCING (I) HANGER STRAPS SELF-TAPPING CADMIUM AT JOINTS PLATED HEX HEAD SHEET REINFORCING ANGLE SIZE METAL SCREW ---AND MAXIMUM DIMENSION SHEET LONGITUDINAL HANG DUCTS UP TO 30" LONGEST SPACING GAGE DRIVE HEMMED MIDTH MITH I" x 18 GAGE BETWEEN SIDE, SLIP S SLIP STRAPS AT 10'-0" TRANSVERSE INCHES FOUR MAXIMUM SPACING .-RECOM- RECOM-JOINTS \$/OR SIDES) MENDED MENDED INTERMEDIATE GAGE GAGE REINFORCING TIGHT AGAINST DUCTWORK — UP THRU 12 NONE REQUIRED 26 NONE REQUIRED 24 24 NO POP RIVETS ALLOWED NOT MORE THAN 2" FROM EDGE OF LINER (I) TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED. — SHEET METAL DUCT -METAL FASTENERS - OMARK INSULPINS, TOP AND BOTTOM DURO DYNE FASTENERS OR GRIPNAILS. SECTION OF LINER SHALL OVERLAP GRIP NAILS SHALL BE INSTALLED THE SIDES -BY GRIPNAIL AIR HAMMER OR BY AUTOMATIC FASTENER EQUIP. " THICK DUCT LINER - LINER TO BE ADHERED TO

ROOFTOP UNIT DUCT CONSTRUCTION AND HANGER DETAIL

- PROVIDE MODEL DB425 "DRYERBOX"

CONNECT 4" PLEXIBLE DRYER VENT

IN WALL WITH 4" POUCT THRU ROOF.

TO EXHAUST DUCT

DRYER VENT HOSE

└ DRYER

— 4" FLEXIBLE

ENDS OF LINER SHALL BE

BUTTED FIRMLY TOGETHER

- ROOF CAP WITH BACK-DRAFT DAMPER

--- RISE 4"Φ DUCT

UP IN WALL

- SPIRAL WOUND DUCTWORK.

> TO ROUND DUCTWORK WITH SHEET METAL SCREWS

CONSTRUCT SHEET METAL

BEND SHEET METAL OVER

OF REGISTER

ATTACH REGISTER WITH

NARROW FRAME TO

SHEET METAL BOOT

REGISTER INSTALLATION DETAIL
NO SCALE

END OF DUCT FOR MOUNTING

BOOT ALL AROUND REGISTER

ALL ENDS OF LINER TO BE

PROVIDE 4"\$ HOSE CONNECTION AT 4" AFF. EXTEND THRU

WALL 2" MINIMUM FOR

DRYER CONNECITON. -

NOTE:

COATED WITH ADHESIVE.

SEE SPECIFICATIONS.

DUCT W/100% ADHESIVE

SEE SPECIFICATIONS.

- 4"\$ (OR 10\$)

- 4" FLEXIBLE DRYER VENT HOSE

PLAN VIEW

I- NO PROJECTIONS SUCH AS SCREWS OF

OR AT ELBOWS ARE ALLOWED.

2- MAXIMUM DUCT LENGTH IS 25'-0"

90Φ ELBOW.

SHEET METAL CORNERS IN DUCTWORK

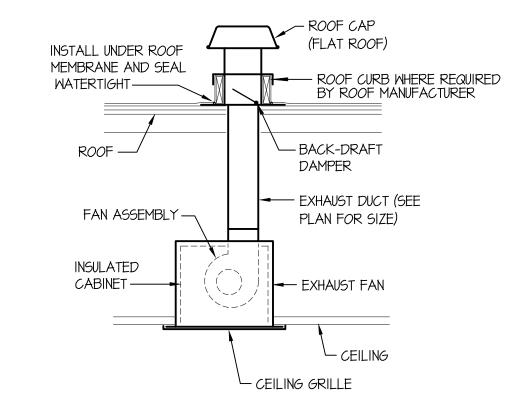
INCLUDING 5'-O" REDUCTION FOR EACH

DUCT UP IN WALL

Y 4" HOSE CLAMP

MOUNT AT 45°

FIXED BLADE
SUPPLY REGISTER
AS SPECIFIED



CEILING MOUNTED EXHAUST FAN DETAIL

TYPICAL ROOFTOP MOUNTING DETAIL

-FASTENER WITH

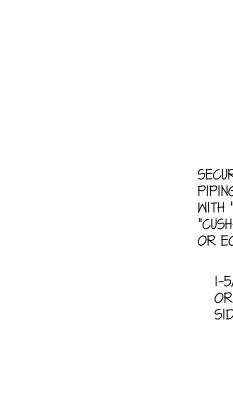
NEOPRENE WASHERS RIGID COUNTER FLASHING ROOF DECK-JOISTS ON 16" CENTERS -SINGLE PLY ROOFING NOTE: POSITION ROOF CURB OVER ROOF JOISTS IN SUCH A MANNER AS TO — CANT. STRIP SPREAD THE WEIGHT OF THE MECHANICAL UNIT OVER AS MANY TRUSSES AS POSSIBLE.

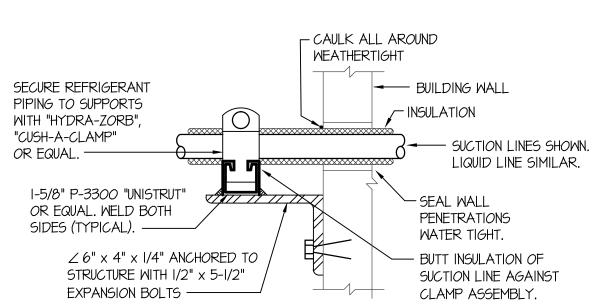
FACTORY

NAILING

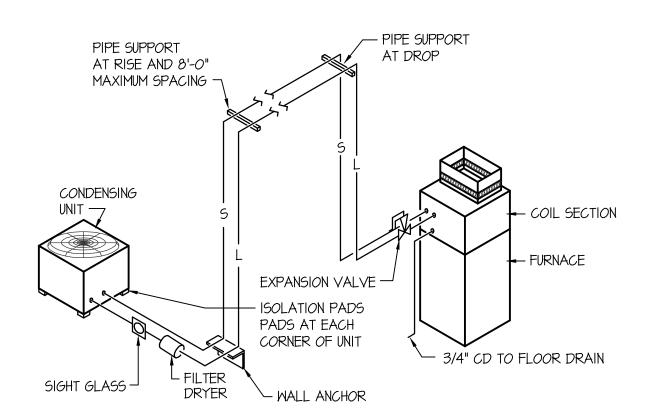
STRIP-

ROOF CURB





REFRIG. PIPING SUPPORT AT WALL NO SCALE



REFRIGERANT PIPING DIAGRAM (5 TON AND SMALLER)



cia gineered

JAR CANDY DETAILS 4 **MECHANIC**

DRWN. BY: CKD. BY: JOB NO. DATE:

<u>APRIL 2019</u>

SHEET: M=2OF: **THREE**

19006

NO SCALE

NO SCALE

INSTALL UNDER ROOF MEMBRANE AND SEAL

CEILING -

4" HOSE CLAMP -

FLOOR -

4" HOSE CLAMP —

WATERTIGHT ——

ROOF —

DRYER VENT DETAIL