

#### NOTES:

LINE WITH 1"

'A' x 'B' →

DUCT LINER

(NET SIZE)

**CEILING** 

1. BOTTOM OF DRAIN MUST BE 1" LOWER THAN PAN OUTLET.

1.5 'A'

- 2. ALL PIPES MINIMUM SIZE OF UNIT CONDENSATE DRAIN OUTLET.
- 3. MANUALLY PRIME TRAP BEFORE START UP.

# CONDENSATE DRAIN CONNECTION DETAIL NO SCALE

M6.0

 $-\frac{A'}{2} \times B'$ 

PROVIDE CHANNELS

(NET SIZE)

- SHEET METAL DUCT

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1.5 'A'

K

CARPENTER

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EMENT FOR

MECHANICAL

OF PHOENIX -

2	
M6.0	

#### STANDARD INCREASED INLET DUCT SIZE | DUCT SIZE 4"ø 6"ø 5**"**ø 8"ø 6"ø 8"ø 7"ø 10**"**ø 8"ø 10**"**ø 12**"**ø 9"ø 12**"**ø 10**"**ø 14**"**ø 12**"**ø 16"ø 24x16 26x16

#### NOTES:

- 1. PROVIDE 2'-0" MINIMUM STRAIGHT DUCT OF STANDARD INLET DUCT SIZE.
- 2. PROVIDE STRAIGHT DUCT OF STANDARD INLET SIZE FOR A MAXIMUM LENGTH OF 10'-0".
- 3. PROVIDE STRAIGHT DUCT OF INCREASED INLET DUCT SIZE FOR LENGTHS OVER 10'-0".
- 4. PROVIDE 45 DEGREE ENTRY BOOT (IN LIEU OF CONICAL TAP OR SPIN COLLAR) AT EACH CONNECTION TO MEDIUM PRESSURE DUCTWORK.
- 5. PROVIDE A MINIMUM OF 10'-0" OF 1" SOUNDLINER IN VAV BOX DISCHARGE DUCT. RUN LINER THROUGH FITTINGS WHERE REQUIRED TO ACHIEVE 10'-0" LENGTH
- 6. SEE PLANS FOR DISCHARGE DUCT SIZE.
- 7. PROVIDE TRANSITION FITTING FROM VAV BOX DISCHARGE TO FULL SIZE OF DISCHARGE DUCT SIZE INDICATED ON PLANS.
- 8. PROVIDE 2'-0" LONG STRAIGHT DUCT OF STANDARD INLET DUCT SIZE.
- 9. PROVIDE HANGER SUPPORTS AS REQUIRED. FAN POWERED BOXES SHALL HAVE NEOPRENE ISOLATORS.

_		2'-0" LONG MINIMUM (NOTE 1)
ARD		
FOR		
CAL	LY DUCT	DISCHARGE DUCT  2'-0" TO 10'-0"  LONG MAXIMUM  (NOTE 2)  CTYP) (NOTE 5)
IN	MEDIUM PRESSURE SUPPLY DUCT	(NOTE 6)
GTH.	M PRESSI	(NOTE 4) (NOTE 7)
ARGE ON	MEDIU	
)		OVER 10'-0" LONG (TYP) (NOTE 9)
S		CONCENTRIC REDUCER (TYP) (NOTE 8)
		(NUIL O)

### NOTICE:

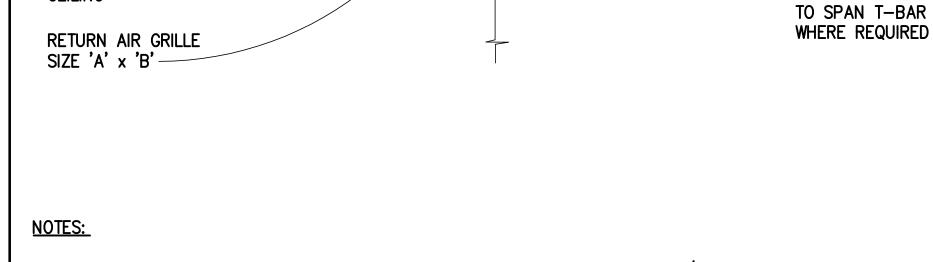
1. THIS DETAIL APPLIES TO NEW AND RELOCATED TERMINAL UNITS.

NO SCALE

SINGLE DUCT OR FAN POWERED VAV TERMINAL UNIT INLET / OUTLET DETAIL 5

NO SCALE

**5**M6.0

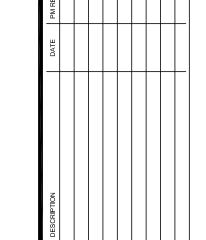


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- 1. APPLIES AT ALL VOCATIONAL ROOMS, PRIVATE OFFICES, AND CONFERENCE / MEETING ROOMS.
- 2. FIRST DIMENSION LISTED IS DIMENSION VIEWABLE IN DETAIL, SECOND DIMENSION IS Z AXIS (INTO PAGE).

## RETURN AIR GRILLE TREATMENT DETAIL NO SCALE





DATE: 08-08-2011

JOB NO: U11-029

FILE NAME: 110413\_M6-0

DO NOT SCALE DRAWING:

/egas ck Ln 99118 217 9200 00 01

JBA Las Vegas
5155 W Patrick Ln
consulting
engineers
p 702.362.9200