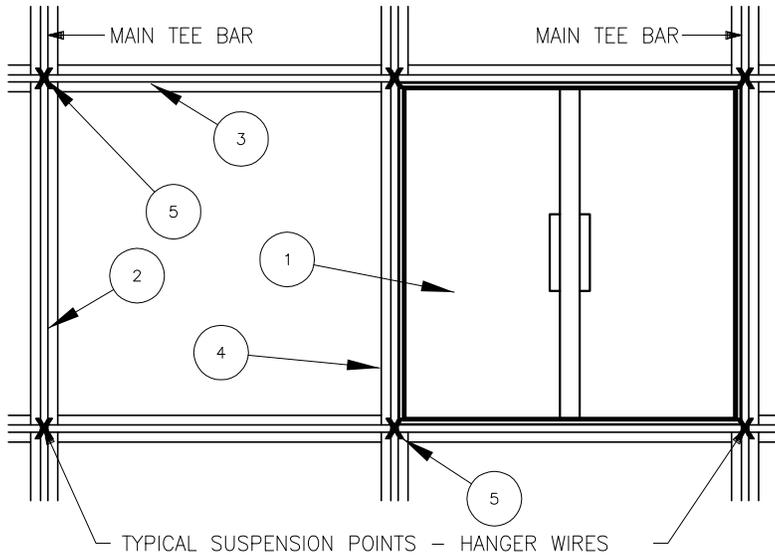


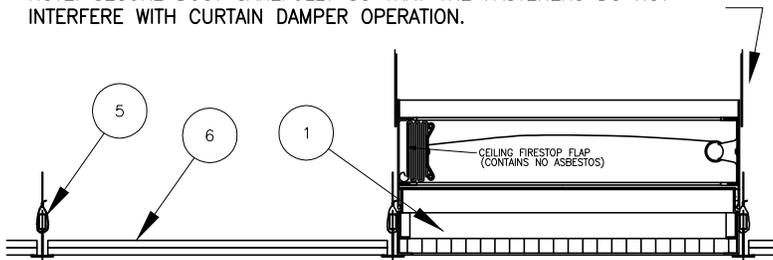
80FR, 10FR INSTALLATION INSTRUCTIONS



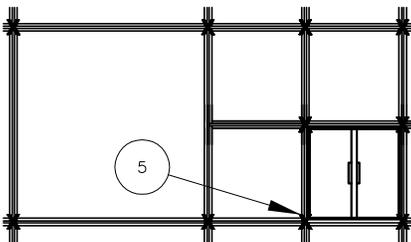
STEP "A" CEILING GRID LAYOUT

- CAN BE DUCTED OR NON- DUCTED. DUCTED SHOWN-

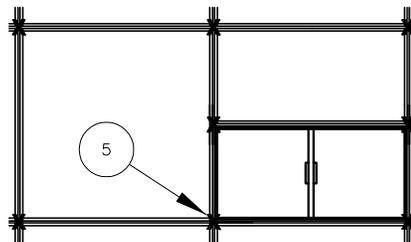
NOTE: SECURE DUCT CAREFULLY SO THAT THE FASTENERS DO NOT INTERFERE WITH CURTAIN DAMPER OPERATION.



STEP "B" INSTALLATION OF 80FR OR 10FR
(80 FR SHOWN)



INSTALLATION OF 12" x 12" OR 300mm x 300mm 80FR OR 10FR



INSTALLATION OF 12" x 24" OR 300mm x 600mm 80FR OR 10FR



ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

INSTALLATION INSTRUCTIONS

1. FOLLOW STEPS "A" & "B" AS SHOWN.
2. IF REQUIRED THE FLEXIBLE DUCT SHALL BE CLASS"0" OR CLASS"1" UL/ULC CERTIFIED (SEE UL GAS & OIL EQUIPMENT DIRECTORY) THE MAX. LENGTH SHALL NOT EXCEED 14'-0" (4267). WHERE FLEX AIR DUCT SUPPORT IS REQUIRED, USE STEEL STRAPS AND #12 SWG STEEL HANGER WIRE.
3. THE 4'-0" CROSS TEES MUST HAVE SLOTS IN THE WEB FOR CONNECTING THE 2'-0" CROSS TEES. END TABS OF THE 2'-0" CROSS TEE MUST BE BENT BACK AGAINST THE WEB OF THE 4'-0" TEES.
4. SUSPEND CEILING TEES INDEPENDENTLY AT THE 4 CORNERS OF RETURN AIR GRILLE. USE #12 SWG GALVANIZED STEEL HANGER WIRE AND SECURE TO THE FLOOR OR ROOF ABOVE.
5. MAXIMUM SIZE OF THE 80FR OR 10FR RETURN AIR GRILLE ASSEMBLY IS NOMINAL 24"x24" (610X610).
6. NO RETURN AIR GRILLE ASSEMBLY SHALL BE LOCATED IN AN ADJACENT 24"x 48" (610X1219) CEILING MODULE.
7. INSTALLATION OF A 12"x 12" (305 x 305), 12"x 24" (305 x 610) OR 300 x 300mm & 300 x 600mm 80FR OR 10FR RETURN GRILLE ASSEMBLY IS SIMILAR TO ABOVE. REWORK THE TEE BAR GRID AND PROVIDE 4 CORNER SUSPENSION OF RETURN AIR GRILLE AND CFS ASSEMBLY. END TABS OF ALL CROSS TEE BARS MUST ENTER SLOTS IN CONNECTING TEES AND MUST BE BENT BACK AGAINST THE WEB OF THE CONNECTING TEES.
8. INSTALLATION METHOD IS TYPICAL FOR MODEL 80FR AND MODEL 10FR, RETURN AIR GRILLE FIRE RATED ASSEMBLIES.

TYPICAL COMPONENTS

BY E.H.PRICE:

- 1. 80FR RETURN AIR GRILLE ASSEMBLY
- OR -
- 10FR PERFORATED RETURN AIR GRILLE ASSEMBLY

BY OTHERS:

- 2. - MAIN TEE RUNNER
- 3. - CROSS TEE BAR 4'-0" OR 1200mm
- 4. - CROSS TEE BAR 2'-0" OR 600mm
- 5. - SUSPENSION HANGER WIRE.
- 6. - CEILING TILE OR PANEL

PROJECT:	PRICE®	
ENGINEER:	<i>MG</i>	80FR, 10FR RETURN GRILLE FIRE RATED ASSEMBLY INSTALLATION INSTRUCTIONS
CUSTOMER:	228794	
SUBMITTAL DATE:	SPEC. SYMBOL:	2020/12/18