

MECHANICAL EQUIPMENT SCHEDULE:

SINKS:

SK-1	STAINLESS STEEL SINGLE COMPARTMENT LEDGEBACK SINK - BARRIER FREE (ADA COMPLIANT) COMPLETE WITH: SELF-RIMMING LEDGE BACK WITH 3-HOLE DRILLING 20 GAUGE, TYPE 302, 18-8 STAINLESS STEEL CONSTRUCTION 89mm CRUMB CRUSH STRAINER 520mm X 510mm X 175mm DEEP CHROME PLATED CAST BRASS ADA COMPLIANT SINGLE LEVER CHROME PLATED CAST BRASS ADA COMPLIANT SWIVEL GOOSENECK, 300mm HIGH CAST BRASS TRIM POLISHED CHROME FINISH AERATOR P-TRAP (OFFSET INSULATED P-TRAP) CHROME PLATED MINI DAHL VALVES WITH WALL ESCUTCHEONS INSULATED BRAIDED FLEX SUPPLY HOSES
DIMENSIONS:	
TRIM :	

GRILLES & DIFFUSERS: (CONFIRM LOCATIONS OF METRIC AND IMPERIAL GRIDS WITH GENERAL CONTRACTOR PRIOR TO ORDERING)

S-1,2	SQUARE CEILING DIFFUSER (NOMINAL 24" x 24") - T-BAR CEILING STEEL SQUARE PLAQUE CEILING DIFFUSER COMPLETE WITH: B-12 WHITE POWDERCOAT FINISH BORDER TO SUIT CEILING TYPE
R-1	SQUARE CEILING RETURN AIR GRILLE - T-BAR CEILING ALUMINUM EGG CRATE RETURN GRILLE COMPLETE WITH: WHITE POWDERCOAT FINISH AS SELECTED BY ARCHITECT BORDER TO SUIT CEILING TYPE
R-2	LOUVERED FACE RETURN AIR GRILLE - REFER TO DIMENSIONS ON DRAWINGS COMPLETE WITH: ALUMINUM CONSTRUCTION CUSTOM PAINT COLOUR SELECTED BY ARCHITECT ORIENT BLADES UPWARDS

VARIABLE AIR VOLUME BOXES:

VAV-XXX	SINGLE DUCT VAV TERMINAL UNITS - REFER TO SCHEDULE ON DRAWINGS COMPLETE WITH: ATTENUATOR MULTI-POINT AIR FLOW SENSOR 12mm DIA DAMPER SHAFT SET UP FOR VARIABLE VOLUME APPLICATION ACTUATOR AND STAT BY CONTROLS ELECTRICAL: LOW VOLTAGE POWER BY CONTROLS
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FAN COILS:

FC-102.1	VARIABLE SPEED HORIZONTAL FAN COIL UNIT WITH DX COOLING - VARIABLE REFRIGERANT VOLUME
FC-102.2	CLG CAPACITY: 14.1 KW (48 MBH) 4 TON NOMINAL (EACH) AIRFLOW: 466-650 l/s (988-1377 CFM) @ 125 Pa (0.5") ESP COMPLETE WITH: 2 SPEED DIRECT DRIVE FAN - HIGH / LOW WASHABLE FILTER FLEXIBLE DUCTWORK CONNECTIONS SUITABLE FOR HORIZONTAL INSTALLATION WITH HORIZONTAL SUPPORT FRAME KIT, NEOPRENE ISOLATORS & HANGERS CONDENSATE DRAIN PAN WITH BUILT-IN DRAIN PUMP PROGRAMMABLE REMOTE THERMOSTAT WITH LCD DISPLAY R-410a REFRIGERANT SND PRES. LVL: 44 / 40 DBA (H / L) MEASURED AT 5' BELOW RETURN GRILLE DIMENSIONS: 1400mm W x 300mm H x 701mm D ELECTRICAL: 208V / 3 PH / 3.4 MCA

CONDENSING UNITS:

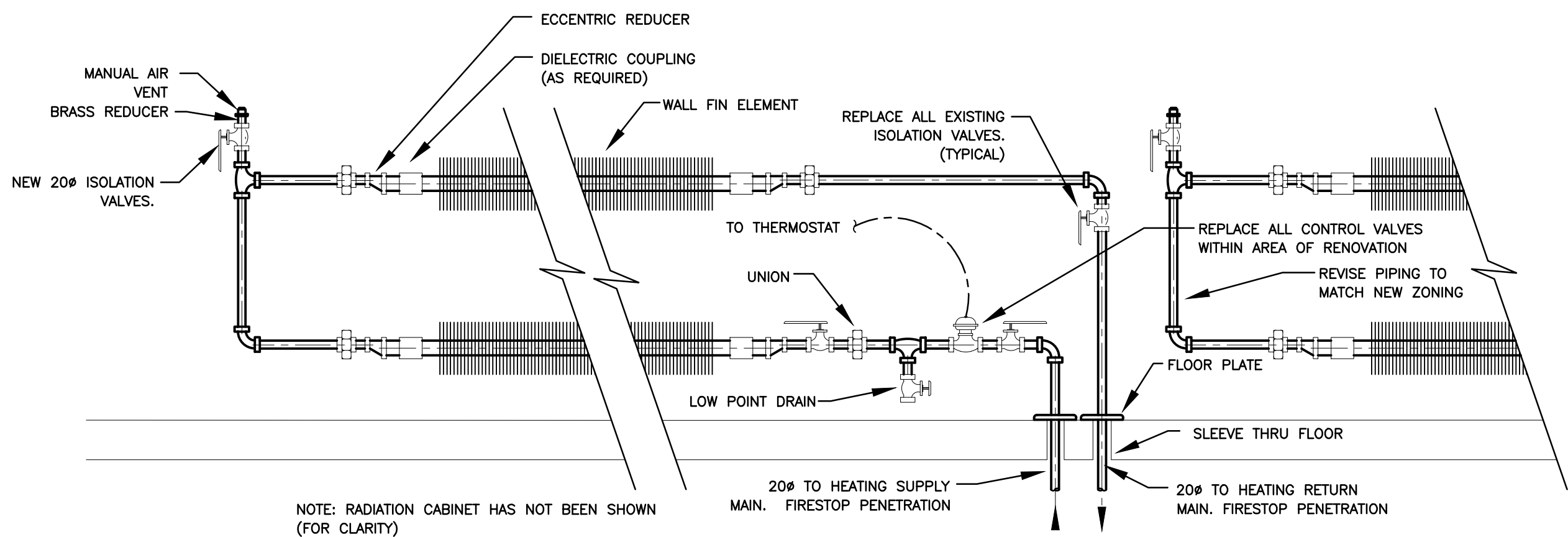
CU-102.1	HIGH EFFICIENCY CONDENSING UNIT - VARIABLE REFRIGERANT VOLUME
CU-102.2	COOLING CAPACITY: 14.1 KW (48 MBH) 4 TON NOMINAL COMPLETE WITH: INSULATED REFRIGERANT LINE SET (SIZED FOR APPLICATION) & ALL REQUIRED ACCESSORIES FULL CHARGE R410A REFRIGERANT LOW AMBIENT KIT FOR OPERATION TO -40 deg F WITH COMPRESSOR CRANK CASE HEATER, HEATED RECEIVER INDOOR BLOWER RELAY COMPRESSOR TIME-OFF CONTROL DIMENSIONS: 930mm W x 1680mm H x 765mm D WEIGHT : 254 KG ELECTRICAL: 208V / 3 PH

HUMIDIFIERS:

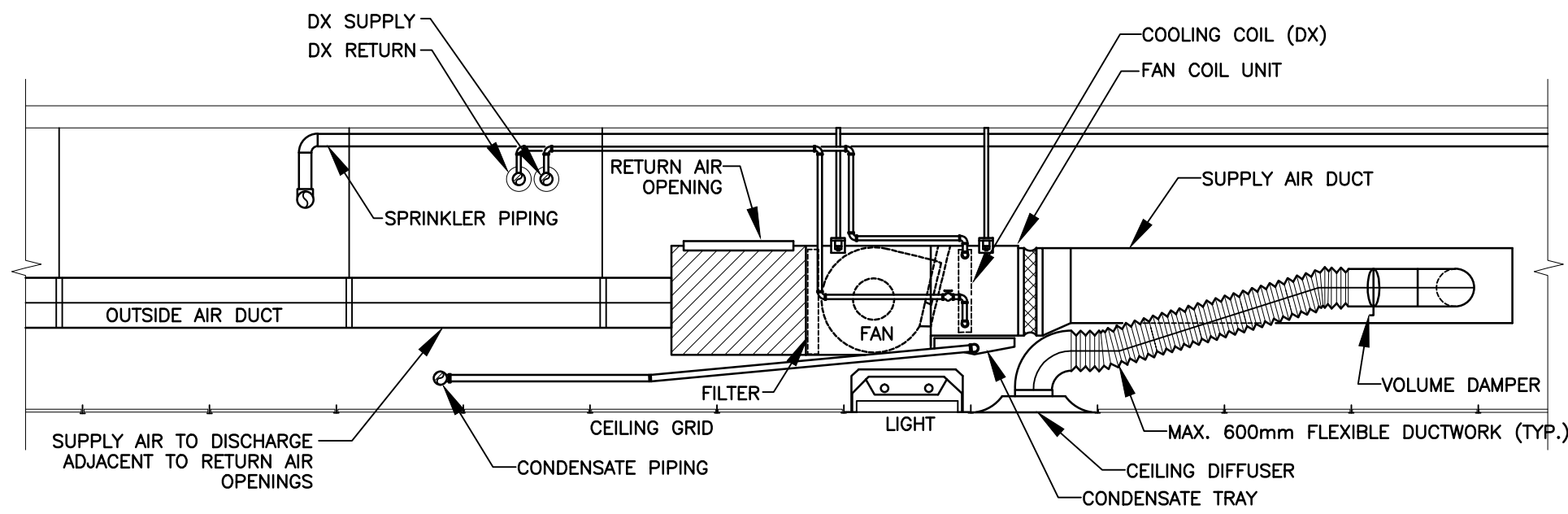
HUM-102.1	HUMIDIFIER -FOR FC-102.1 & 102.2
HUM-102.2	ELECTRODE STEAM EVAPORATIVE HUMIDIFIER CAPACITY: 0-5 LB/Hr COMPLETE WITH: S.S. TANK & COVER, FULLY INSULATED SUPPORT LEGS WALL MOUNT HUMIDISTAT AIR PROVING SWITCH REPLACEABLE BOTTLE CANNISTER ELECTRONIC WATER LEVEL CONTROL WITH AUTOMATIC DRAIN SURFACE SKIMMER CONTROL TRANSFORMER INTEGRAL CONTROLS IN CABINET, FULLY WIRED SCR MODULATING FROM 0% TO 100% OF FULL CAPACITY TERMINAL STRIP FOR TIE-IN TO CONTROLS SYSTEM (COORDINATE WITH CONTROLS) (CONTROLS TO PROVIDE 0 TO 10 VDC SIGNAL), MONITOR GENERAL ALARM CONTACT (SHORT ABSORPTION MANIFOLD) 150MM DISTANCE. DISPERSION GRID TO SUIT FAN COIL DUCT INTERNAL DRAIN COOLER CONTRACTOR TO PROVIDE SOFT MAKE-UP WATER AND SANITARY DRAIN DUCT MOUNTED HIGH LIMIT HUMIDISTAT 1200mm ALUMINUM DUCT SECTION WITH DRAIN ELECTRICAL: 1.9 KW / 120V / 1 PH

FIRE EXTINGUISHERS:

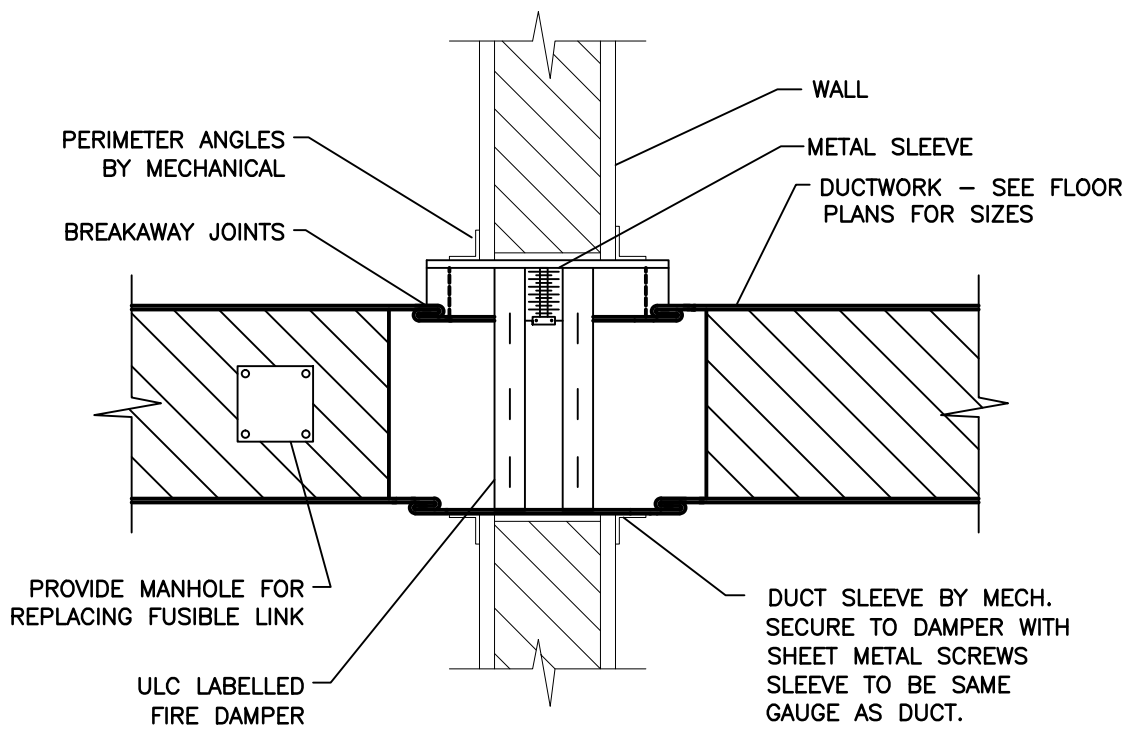
FEX-1	NATIONAL FIRE EQUIPMENT MODEL ABC-10F CO2 FIRE EXTINGUISHER COMPLETE WITH: WALL MOUNTING BRACKET
FEX-2	NATIONAL FIRE EQUIPMENT MODEL ABC-10F FIRE EXTINGUISHER COMPLETE WITH: WALL MOUNTING BRACKET



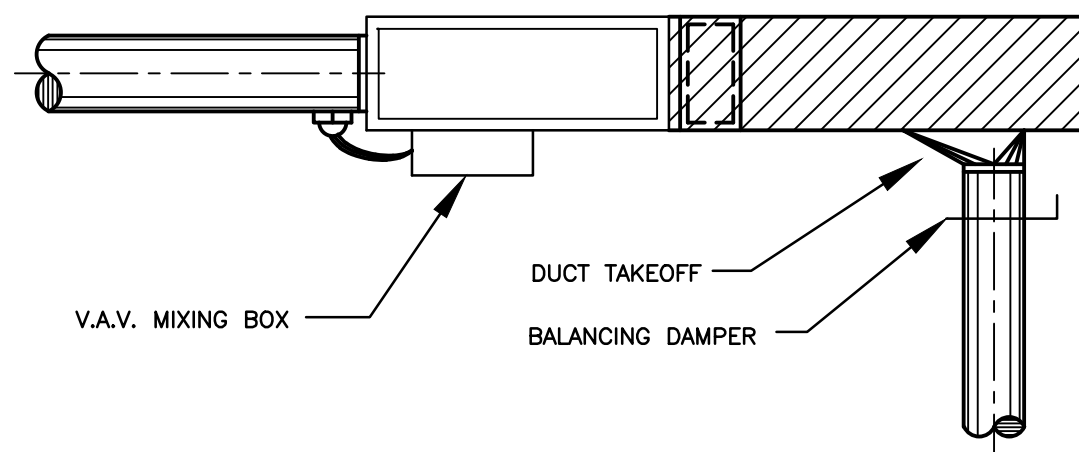
1 WALL FIN DETAIL  
M4.1 NTS



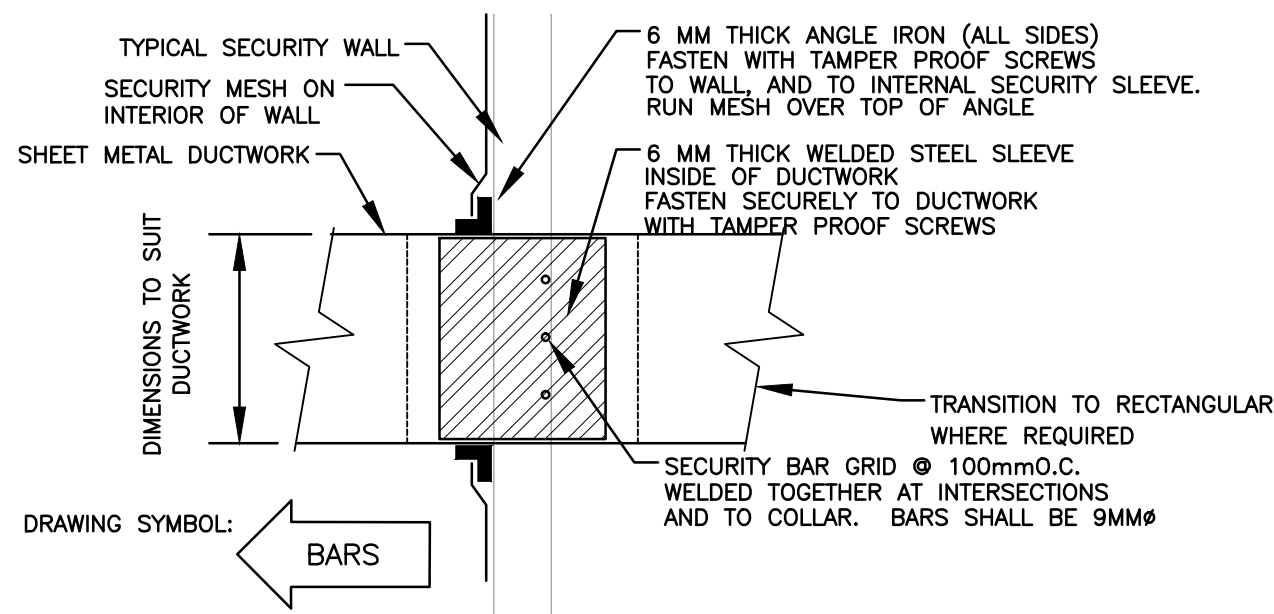
2 FAN COIL DETAIL  
M4.1 NTS



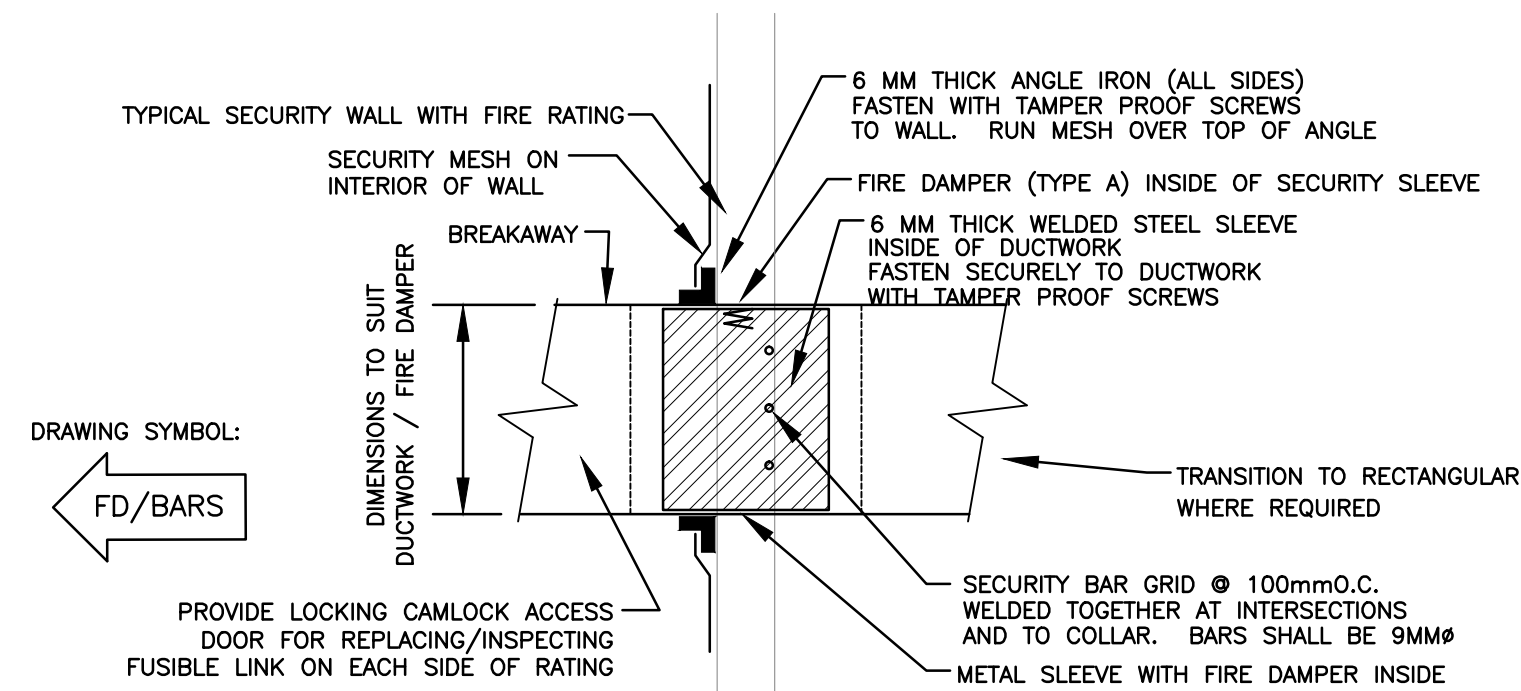
3 FIRE DAMPER DETAIL  
M4.1 NTS



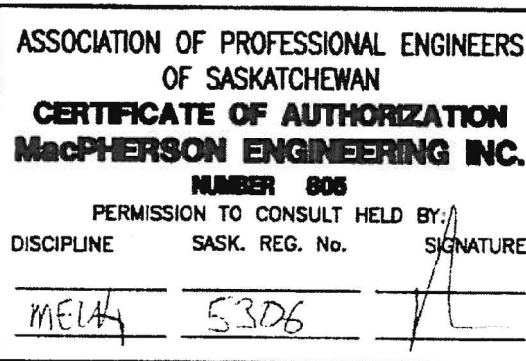
4 TYPICAL VAV BOX DETAIL  
M4.1 NTS



5 SECURITY BAR DETAIL  
M4.1 NTS



6 SECURITY BAR AND DAMPER DETAIL  
M4.1 NTS



1	TENDER SET	13/07/05
revisions	description	date
Client	R.050172.002 FOR PWGSC	
project title	OFFICE RENOVATIONS	
	REGINA, SASKATCHEWAN	
approved by		
designed by	JL	
drawn by	BG	
PWGSC Project Manager	SK	
PWGSC, Architectural and Engineering Resources Manager	KD	
Client	KL	
drawing title	PARTIAL SECOND FLOOR FIRE PROTECTION PLAN	
project no.	sheet	revision no.
R.050172.002	M4.1	