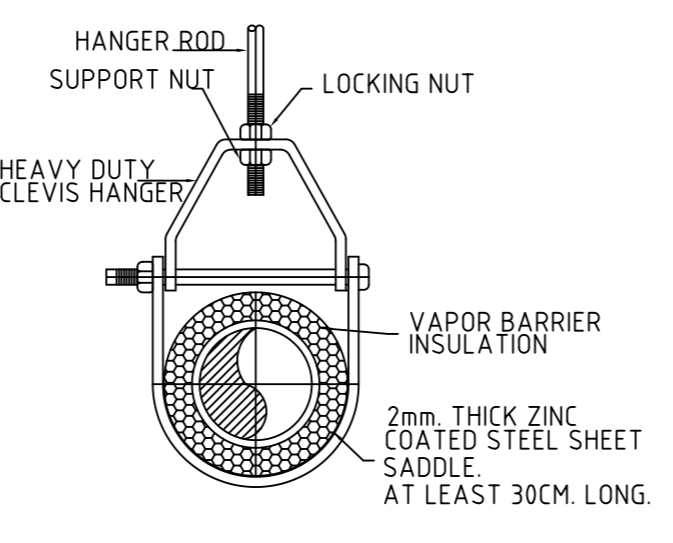
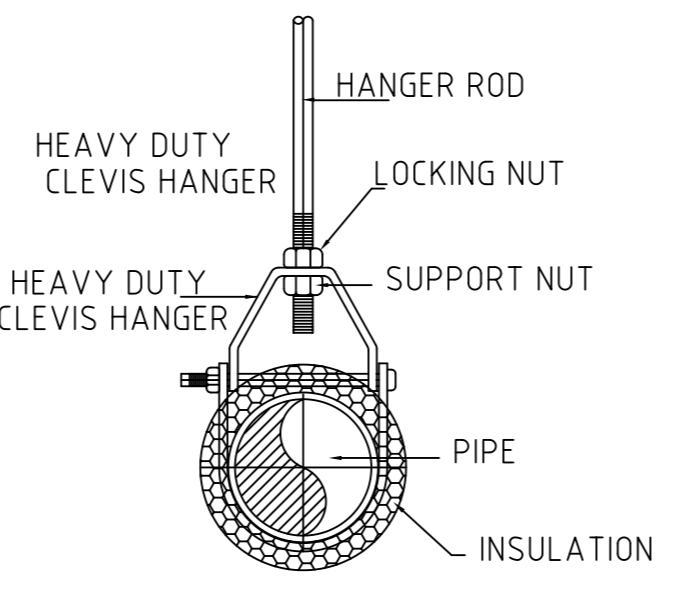
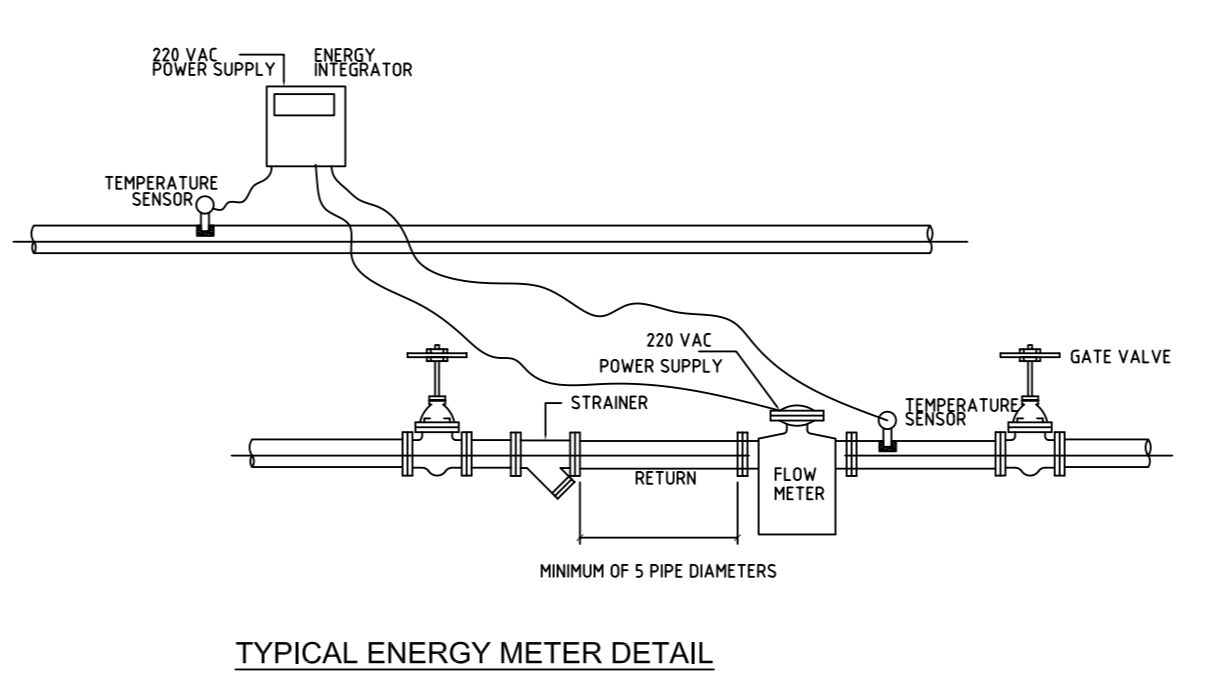
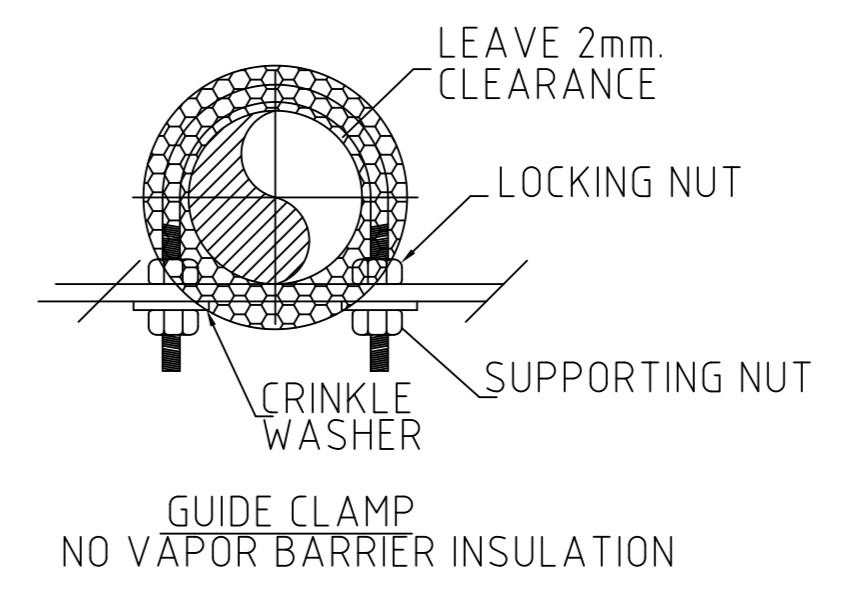
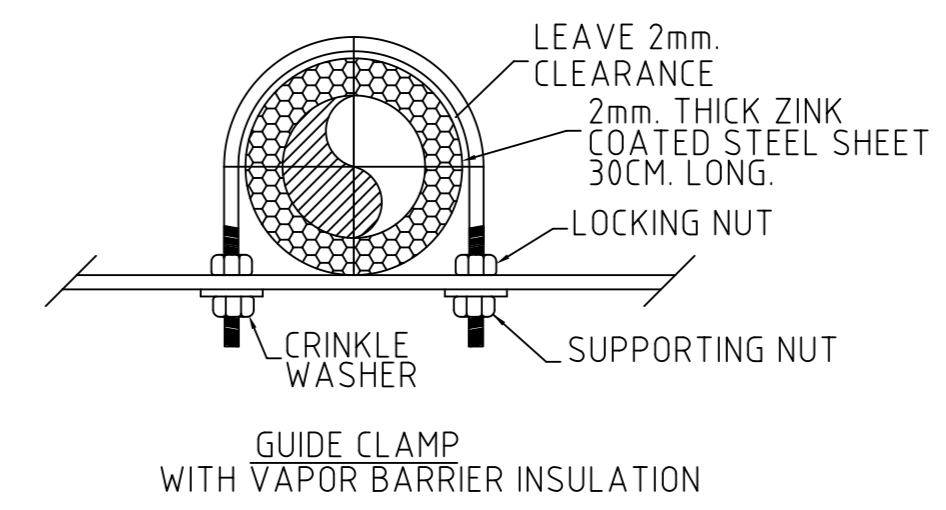


	FLEXIBLE CONNECTION 200
	VOLUME CONTROL DAMPER
	SUPPLY DIFFUSER
	RETURN DIFFUSER
	EXHAUST GRILL
	LINEAR SLOT DIFFUSER SUPPLY & RETURN
	SUPPLY GRILL
	RETURN GRILL
	DUCT RISER
	MOTORIZED DAMPER NORMALLY OPEN

- FAD - FRESH AIR DUCT
- EAD - EXHAUST AIR DUCT
- AHU - AIR HANDLING UNIT
- FCU - FAN COIL UNIT
- VD - VOLUME DUMPER
- CHWS - CHILLED WATER SUPPLY
- CHWR - CHILLED WATER RETURN
- RLD - RETURN LINEAR DIFFUSOR
- SLD - SUPPLY LINEAR DIFFUSOR
- DLD - DUCT LINEAR DIFFUSOR
- IL - INVERT LEVEL
- LEN - LENGHT
- ID - INDOOR UNIT
- EG - EXHAUST GRILL
- EF - EXHAUST FAN
- H / L - HIGH LEVEL
- F / A - FROM ABOVE
- T / B - TO BELOW
- D / D - DROP DOWN
- SG - SUPPLY GRILL
- RG - RETURN GRILL



REF. NO.	SIZE (mm)	AIR QTY (M ³ /S)	TYPE	FINISH/COLOR
SD-T1	230x230	0.230	2 WAY SQUARE W / OBD	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL
SD-G1	230x230	0.100	4 WAY SQUARE W / OBD	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL

REF. NO.	SIZE (mm)	AIR QTY (M ³ /S)	TYPE	FINISH/COLOR
RD-T1	230x230	0.10	2 WAY SQUARE W/O OBD	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL
RD-G1	230x230	0.08	4 WAY SQUARE W/O OBD	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL

REF. NO.	SIZE (mm)	AIR QTY (M ³ /S)	TYPE	FINISH/COLOR
SG-T1	400x150	0.10	HORIZONTAL ADJUSTABLE BLADE W/O OBD	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL
SG-T2	700x350	0.395	HORIZONTAL ADJUSTABLE BLADE W/O OBD	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL
SG-T3	1200x600	3.600	EGG CRATE	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL

REF. NO.	SIZE (mm)	AIR QTY (M ³ /S)	TYPE	FINISH/COLOR
RG-T1	400x150	0.10	HORIZONTAL ADJUSTABLE BLADE W/O OBD	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL

REF.	LOCATION	COL. DUTY		CHW FLOW	CHW COIL DBWB	CHW PIPE CONN. SIZE	AIR SUPPLY VOLUME	EXT. STATIC PRESSURE	POWER
		SENSIBLE	TOTAL						
FCU-T1	AS SHOWN ON DRAWINGS	8000	8000	0.03	15.0	15	160	180	0.75

NOTE: 1- ELECTRIC SUPPLY 240 VOLT, 1 PHASE, 50 HZ
 2- CHILLED WATER FLOW TEMP. SHALL BE 1.5 DEG. C AND CHILLED WATER TEMP. RISE SHALL BE 5.5 DEG. C
 3- FCU DUTY SELECTION SHALL BE AS PER ARCHITECT DETAIL
 4- COL. WATER SIDE PRESSURE DROP SHALL NOT EXCEED 30 kPa

REF. NO.	SIZE (mm)	AIR QTY (M ³ /S)	TYPE	FINISH/COLOR
RLD-T1	2 SLOT X 290mm SLOT WIDTH X 1000mm LENGTH	0.10	FLUSH	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL
RLD-G1	2 SLOT X 290mm SLOT WIDTH X 1000mm LENGTH	0.08	FLUSH	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL

REF. NO.	SIZE (mm)	AIR QTY (M ³ /S)	TYPE	FLEX. DUCT SIZE (mm)	FINISH/COLOR
SLD-T1	2 SLOT X 290mm SLOT WIDTH X 1000mm LENGTH	0.10	FLUSH	200	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL
SLD-G1	2 SLOT X 290mm SLOT WIDTH X 1000mm LENGTH	0.08	FLUSH	200	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL

REF. NO.	SIZE (mm)	AIR QTY (M ³ /S)	TYPE	FINISH/COLOR
EG-T1	150x150	0.020	EGG CRATE	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL
EG-T2	200x200	0.030	EGG CRATE	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL
EG-T5	1000x500	2.000	WINDOW TYPE BLADE W/O OBD	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL

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PROJECT:

AL NOOR OFFICE TOWER AT NEW DOHA
 2B+G+F+22 FLOORS

DRAWING TITLE:

24TH FLOOR PLAN
 HVAC & CHILLED WATER LAYOUT

DRAWING REFERENCE:

- 75-10288-M100 - LEGEND & GENERAL NOTES
- 75-10288-M150 - 3rd - 24th FLOOR HVAC LAYOUT
- 75-10288-M170 - HVAC SCHEMATIC DIAGRAM
- 75-10288-M170A - CHILLED WATER SCHEMATIC DIAGRAM
- 75-10288-M180 - EQUIPMENT SCHEDULE
- 75-10288-M250 - 3rd - 24th FLOOR CHILLED WATER LAYOUT
- 75-10288-M300 - GENERAL DETAILS

DRAWN BY: L. MARRACCINO

CHECKED BY: M. ALAA

APPROVED BY: M. MOHAMUD

DATE: 11.07.07

SCALE: 1:100 **SIZE:** A0

REVISION: 0

DATE: 11.07.07

DRAWING NO.: TC01M3T01069_L24
SHEET: 1 OF 2