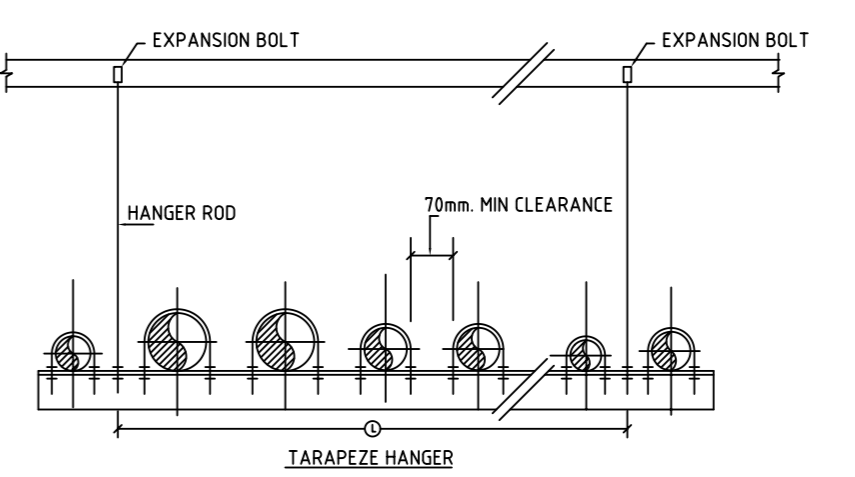
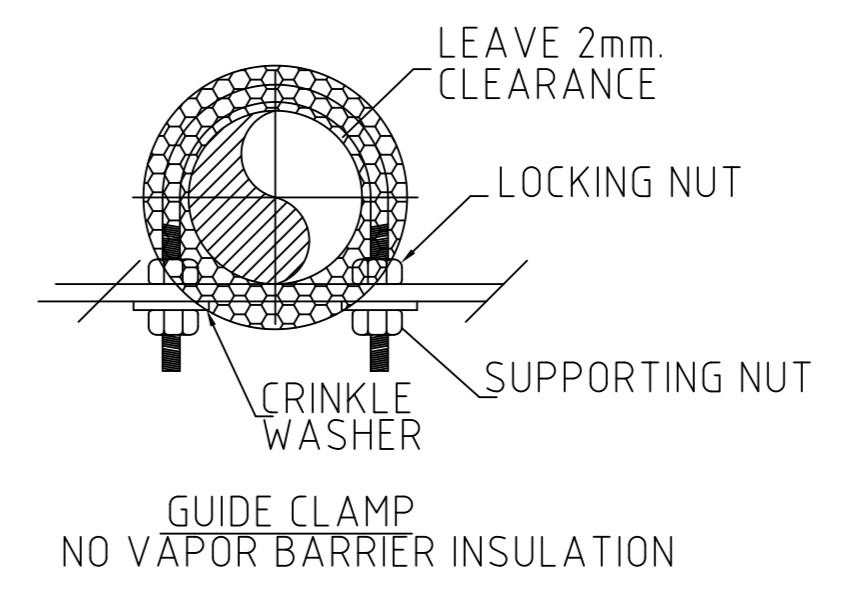
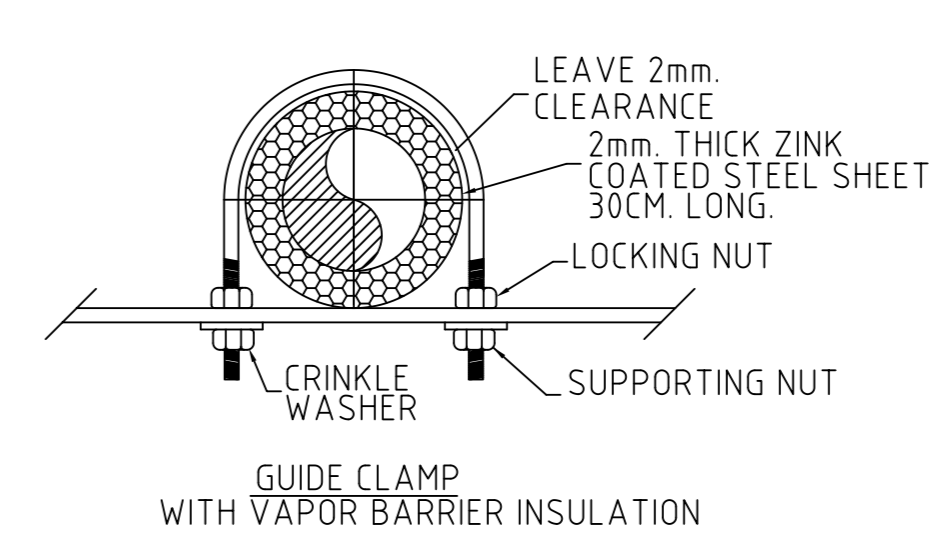


	FLEXIBLE CONNECTION 200
	VOLUME CONTROL DUMPER
	SUPPLY DIFFUSER
	RETURN DIFFUSER
	EXHAUST GRILL
	LINEAR SLOT DIFFUSER SUPPLY & RETURN
	SUPPLY GRILL
	RETURN GRILL
	DUCT RISER
	MOTORIZED DAMPER NORMALLY OPEN

- 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 <sup>3</sup> /S)	TYPE	FINISH/COLOR
SD-11	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 <sup>3</sup> /S)	TYPE	FINISH/COLOR
RD-11	230x230	0.10	2 WAY SQUARE	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 <sup>3</sup> /S)	TYPE	FINISH/COLOR
SG-11	400x150	0.10	HORIZONTAL ADJUSTABLE BLADE W/O OBD	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL
SG-12	700x350	0.395	HORIZONTAL ADJUSTABLE BLADE W/O OBD	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL
SG-13	1200x600	3.600	EGG CRATE	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL

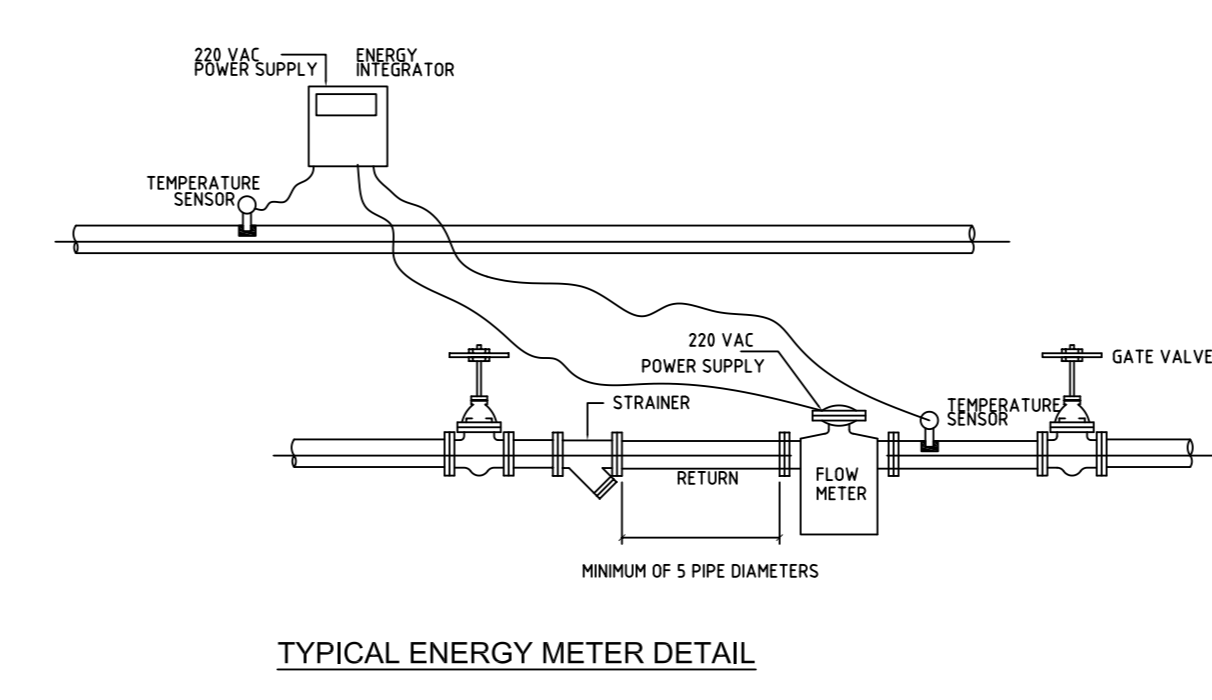
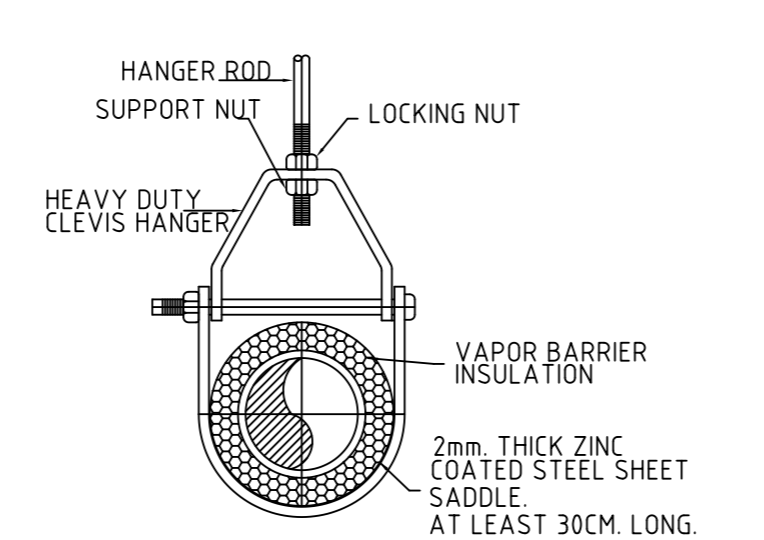
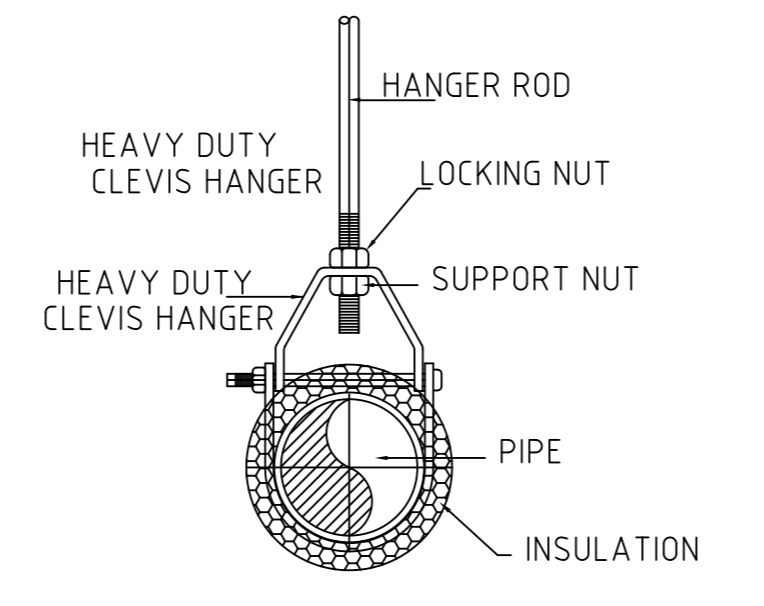
REF. NO.	SIZE (mm)	AIR QTY (M <sup>3</sup> /S)	TYPE	FINISH/COLOR
RG-11	400x150	0.10	HORIZONTAL ADJUSTABLE BLADE W/O OBD	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL

REF.	LOCATION	COL. DUTY SINGLE	CHW FLOW	CHW PIPE COND. SIZE	AIR SUPPLY VOLUME	EXT. STATIC PRESSURE	POWER
WATTS	WATTS	L/S	MM	L/S	Pa	kW	
FCU-T1	AS SHOWN ON DRAWINGS	8000	8000	0.33	18.000	75	160

REF. NO.	SIZE (mm)	AIR QTY (M <sup>3</sup> /S)	TYPE	FINISH/COLOR
RLD-11	2 SLOT X 280mm SLIT WIDTH X 1000mm LENGTH	0.10	FLUSH	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL
RLD-G1	2 SLOT X 280mm SLIT WIDTH X 1000mm LENGTH	0.08	FLUSH	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL

REF. NO.	SIZE (mm)	AIR QTY (M <sup>3</sup> /S)	TYPE	FLEX. DUCT SIZE (mm)	FINISH/COLOR
SLD-11	2 SLOT X 280mm SLIT WIDTH X 1000mm LENGTH	0.10	FLUSH	200	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL
SLD-G1	2 SLOT X 280mm SLIT WIDTH X 1000mm LENGTH	0.08	FLUSH	200	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL

REF. NO.	SIZE (mm)	AIR QTY (M <sup>3</sup> /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	PROF. CRATE W/O OBD	TO MATCH CEILING FINISH AS PER ARCHITECT DETAIL



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OWNER:  
 ALI ABDUL REDA MASHHADI

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: 1:50 SIZE: A0

REVISION: 0

DATE: 11.07.07

DRAWING NO.: TC01M3T01069\_L24  
 SHEET: 2 OF 2