MECHANICAL SYMBOL LIST

DUCTWORK

(NOT ALL SYMBOLS ARE NECESSARILY USED ON THIS PROJECT)

- SINGLE LINE DUCTWORK OR EQUIPMENT – NEW
- SINGLE LINE DUCTWORK OR EQUIPMENT – EXISTING
- DUCTWORK/EQUIPMENT TO BE REMOVED
- DUCTWORK WITH ACOUSTIC LINING
- DUCT UNDER POSITIVE PRESSURE (SUPPLY AIR OR FAN DISCHARGE)
- DUCT UNDER NEGATIVE PRESSURE (RETURN, EXHAUST OR OUTSIDE AIR)
- VD — VOLUME DAMPER
- FD — FIRE DAMPER AND ACCESS DOOR
- BDD — BACK DRAFT DAMPER
- M — AUTOMATIC DAMPER (ELECTRIC)
- M FSD — COMBINATION SMOKE AND FIRE DAMPER (ELECTRIC) AND ACCESS DOOR
- M SD — AUTOMATIC SMOKE DAMPER (ELECTRIC) AND ACCESS DOOR
- R — RISE IN DUCTWORK (IN DIRECTION OF AIR FLOW)
- D — DROP IN DUCTWORK (IN DIRECTION OF AIR FLOW)
- ℄ — CENTER LINE
- ℄ OR CFM — CUBIC FEET PER MINUTE
- Ø — DIAMETER
- SQUARE FEET
- CD–A 400 ℄ — TYPE A CEILING DIFFUSER 400 CFM SUPPLY AIR
- 12x12 CD 400 ℄ — RECTANGULAR CEILING DIFFUSER WITH 12"x12" NECK 400 CFM SUPPLY AIR
- 10x8 CR(CG) 300 ℄ — 10" BY 8" CEILING REGISTER (CEILING GRILLE) 300 CFM RETURN AIR
- RECTANGULAR DIFFUSER WITH BLANKING PLATE
- 10x6 TR 150 ℄ — 10" BY 6" TOP REGISTER, 150 CFM SUPPLY AIR
- 10x6 TR(TG) 150 ℄ — 10" BY 6" TOP REGISTER (TOP GRILLE) 150 CFM RETURN AIR
- 10x6 BR(BG) 150 ℄ — 10" BY 6" BOTTOM REGISTER (BOTTOM GRILLE) 150 CFM RETURN AIR
- VANED ELBOW (SEE DETAIL)
- VANED ELBOW (SEE DETAIL) OR RADIUS ELBOW
- RADIUS ELBOW
- SLOTTED LINEAR DIFFUSER WITH PLENUM
- SEE DUCT DETAILS FOR TYPE OF BRANCH CONNECTION
- DUCT FLEXIBLE CONNECTION
- VERTICAL DUCT DROP (IN DIRECTION OF AIRFLOW)
- VERTICAL DUCT RISE (IN DIRECTION OF AIRFLOW)
- VARIABLE AIR VOLUME WITH SOUND ATTENUATOR
- VARIABLE AIR VOLUME WITH SOUND ATTENUATOR AND REHEAT COIL
- T — THERMOSTAT
- H — HUMIDISTAT
- SD — SMOKE DETECTOR
- H — HUMIDIFIER
- OAS — OUTSIDE AIR SENSOR
- DDCP — DIRECT DIGITAL CONTROL PANEL
- DP — DIFFERENTIAL PRESSURE MONITOR MODEL #: TSI RPC20

PIPING

(NOT ALL SYMBOLS ARE NECESSARILY USED ON THIS PROJECT)

- AFS — AIR FLOW SWITCH
- DPT — DIFFERENTIAL PRESSURE TRANSMITTER
- NEW PIPE WITH DIRECTION OF FLOW
- EXISTING PIPING
- EXISTING PIPING/EQUIPMENT TO BE REMOVED
- EXISTING PIPING TO BE ABANDONED
- HEAT TRACING ON PIPE
- FLEXIBLE HOSE
- PIPE IN UNDERGROUND CONDUIT
- PIPE DROP
- PIPE RISE
- PITCH UP IN DIRECTION OF FLOW
- PITCH DOWN IN DIRECTION OF FLOW
- UNION
- CONCENTRIC REDUCER
- ECCENTRIC REDUCER – FLAT BOTTOM
- ECCENTRIC REDUCER – FLAT TOP
- FLANGED CONNECTION
- FLANGED END – BLIND FLANGE
- DEAD END – SCREWED CAP
- DEAD END – WELDED CAP
- EXPANSION LOOP
- PIPE EXPANSION JOINT
- BALL JOINT
- PIPE ALIGNMENT GUIDE
- PIPE ANCHOR
- GATE VALVE
- GLOBE VALVE
- NEEDLE VALVE COCK
- DRAIN VALVE
- LOCK SHIELD VALVE
- CHECK VALVE, SWING OR LIFT
- SILENT CHECK (NON–SLAM) VALVE
- FLEXIBLE CONNECTOR
- BUTTERFLY VALVE
- BALL VALVE
- SQUARE HEAD COCK
- BALANCING VALVE
- PLUG VALVE (TYPE AS NOTED)
- AUTOMATIC CONTROL VALVE
- THREE–WAY AUTOMATIC CONTROL VALVE
- FLOW CONTROL VALVE
- DIAPHRAGM VALVE
- S — SOLENOID VALVE
- M — ELECTRIC MOTORIZED VALVE OPERATOR
- P — PNEUMATIC VALVE OPERATOR
- "Y" TYPE STRAINER WITH BLOWOFF VALVE AND CAP
- SINGLE BASKET STRAINER
- DUPLEX BASKET STRAINER
- AUTOMATIC AIR VENT
- MANUAL AIR VENT
- THERMOMETER WELL
- THERMOMETER AND WELL
- PRESSURE GAUGE WITH SYPHON
- PUMP
- PSD — PUMP SUCTION DIFFUSER
- S — SEPARATOR
- F — FILTER, IN LINE
- FM — FLOW METER
- FLOW ORIFICE
- PITOT TUBE
- A — AQUASTAT
- FS — FLOW SWITCH
- TS — TEMPERATURE SWITCH
- PS — PRESSURE SWITCH
- STOP CHECK VALVE
- ANGLE STOP CHECK VALVE
- CHWR — CHILLED WATER RETURN
- CHWS — CHILLED WATER SUPPLY
- CW — CITY WATER
- D — DRAIN
- DW — DOMESTIC WATER
- COND — CONDENSATE

GENERAL

(NOT ALL SYMBOLS ARE NECESSARILY USED ON THIS PROJECT)

- POINT OF CONNECTION
- POINT OF DISCONNECTION

XXX–XX–XX
- EQUIPMENT TAG NUMBER
- FLOOR DESIGNATION
- EQUIPMENT DESIGNATION (REFER TO SPECIFIC TRADE LIST)

ACU–2–3
- UNIT NUMBER 3
- SECOND FLOOR
- AIR CONDITION UNIT (REFER TO LIST)

GENERAL NOTES

1. GENERAL NOTES, SYMBOL LIST AND DETAILS ARE APPLICABLE TO ALL HVAC/MECHANICAL DRAWINGS.
2. DRAWINGS ARE DIAGRAMMATIC. DETERMINE LOCATIONS OF SYSTEMS AND COMPONENTS IN FIELD. RELOCATE EXISTING WORK THAT INTERFERES WITH WORK OF THIS CONTRACT.
3. COORDINATE THIS WORK WITH THAT OF OTHER TRADES.
4. DIMENSIONS SHOWN ON PLAN ARE HORIZONTAL. DIMENSIONS SHOWN IN ELEVATION ARE VERTICAL EXCEPT IN WAY OF STRUCTURAL STEEL, DIMENSIONS ARE MEASURED PERPENDICULAR TO FLANGE.
5. NEITHER ACCURACY NOR COMPLETION OF SERVICES AND UTILITY LOCATIONS SHOWN ON DRAWINGS IS GUARANTEED. DETERMINE EXACT LOCATIONS OF EXISTING SERVICES AND UTILITIES IN FIELD, WHETHER OR NOT SHOWN ON DRAWINGS. EXERCISE CAUTION AND IDENTIFY LOCATIONS OF UNMARKED UTILITY LINES AS NECESSARY TO PERFORM WORK OF THIS SECTION.
6. MANUFACTURERS MODEL NUMBERS ARE SPECIFIED SOLELY TO ESTABLISH STANDARDS OF QUALITY FOR PERFORMANCE AND MATERIALS.
7. PRODUCT INSTALLATION SHALL ADHERE TO MANUFACTURERS RECOMMENDATIONS.
8. PROVIDE ACCESS PANELS FOR EQUIPMENT THAT REQUIRES PERIODIC SERVICE.
9. PROVIDE HANGERS, INSERTS, ANCHORS, SUPPLEMENTAL STEEL & SUPPORTS AS REQUIRED TO SUPPORT DUCTWORK, PIPING AND EQUIPMENT FROM STRUCTURE.
10. SCHEDULE WORK OF THIS SECTION TO AVOID INTERFERING WITH EXISTING OPERATIONS IN THE FACILITY.
11. COORDINATE ROOF PENETRATIONS WITH WORK OF OTHER SECTIONS AND WITH FLASHING REQUIREMENTS. MECHANICAL CONTRACTOR TO NOTIFY OWNER PRIOR TO STARTING WORK TO VERIFY COMPLIANCE WITH BOND AND WARRANTY OF EXISTING ROOF.
12. RUN DUCTS AND PIPING CONCEALED, UNLESS OTHERWISE SPECIFIED AND CLEAR OF CEILING INSERTS.
13. INSTALL THERMOSTATS 4'–6" ABOVE FINISHED FLOOR OR AS DIRECTED OTHERWISE BY ARCHITECT.
14. STRUCTURAL WELDING SHALL BE CONTINUOUS 1/4" FILLET UNLESS REQUIRED OTHERWISE.

AIR SYSTEMS

15. AIR SYSTEMS REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF AIR DEVICES.
16. INTERNAL AIRFLOW DIMENSIONS ARE SHOWN FOR DUCTS. INCREASE DUCT SIZE AS NECESSARY TO MAINTAIN FREE FLOW AREA INDICATED.
17. USE FLAT TRANSVERSE SEAM FOR DUCTWORK WHERE SPACE AVAILABLE DICTATES.
18. DIFFUSER SIZES SHOWN ARE NECK SIZES. REGISTERS AND GRILLE SIZES ARE NOMINAL.
19. PROVIDE VOLUME DAMPERS OR OTHER APPROVED BALANCING DEVICES AT DUCT BRANCHES AND RUN OUTS, AND AT REGISTER GRILLE AND DIFFUSER NECKS IN SUPPLY, RETURN AND EXHAUST DUCTWORK WHETHER SHOWN OR NOT.
20. DUCTWORK DOWNSTREAM OF ALL VAV AND FAN POWERED VAV BOXES SHALL BE ACOUSTICALLY LINED WITH 1" ACOUSTICAL LINING FOR A MINIMUM OF 15 FEET.
21. PROVIDE 36" CLEARANCE IN FRONT OF ALL ELECTRIC CONTROL PANELS PER N.E.C. AND MFG. REQUIREMENTS.
22. PROVIDE DUCT TRANSITIONS FROM VAV BOX INLET/OUTLET DUCT WORK AT SIZES INDICATED TO VAV BOX INLET/OUTLET UNIT CONNECTIONS.
23. VAV DUCT INLET SIZE SHALL BE AS SCHEDULED OR AS INDICATED ON THE FLOOR PLANS. PROVIDE TRANSITION FROM DUCT SIZE INDICATED ON THE FLOOR PLANS TO SCHEDULED SIZE MINIMUM 3'–0" FROM VAV BOX INLETS.
24. DUCT LEVELS AS FOLLOWS:
EXHAUST AIR DUCTS AT HIGHEST LEVEL.
FRESH AIR DUCTS AT SAME LEVEL AS EXHAUST DUCT LEVEL;
RETURN AIR DUCTS AT MIDDLE LEVEL;
SUPPLY AIR DUCTS AT LOWEST LEVEL AND HIGHEST PRIORITY.

PIPING SYSTEMS

25. PITCH PIPING 1" IN 20' IN DIRECTION OF FLOW.
26. PROVIDE TRAPS IN CONDENSATE LINES THAT EXTEND OVER 2".

HVAC ABBREVIATIONS

A	AMPERES	LAT	LEAVING AIR TEMPERATURE
AD	ACCESS DOOR	LDB	LEAVING DRY BULB TEMPERATURE
AL	ALUMINUM	LWB	LEAVING WET BULB TEMPERATURE
BTU	BRITISH THERMAL UNIT	LWT	LEAVING WATER TEMPERATURE
BTUH	BTU PER HOUR	MBH	THOUSAND BTU PER HOUR
CC	COOLING COIL	MER	MECHANICAL EQUIPMENT ROOM
CD	CEILING DIFFUSER	NTS	NOT TO SCALE
CFFC	CAP FOR FUTURE CONNECTION	RHC	REHEAT COIL
CFM	CUBIC FEET PER MINUTE	RPM	REVOLUTIONS PER MINUTE
CP	CONDENSATE PUMP	SP	STATIC PRESSURE
CR	CEILING REGISTER	TR	TOP REGISTER
CV	CONSTANT VOLUME	TYP	TYPICAL
DN	DOWN	TX	TOILET EXHAUST
DWG	DRAWING	UON	UNLESS OTHERWISE NOTED
EA	EACH	UH	UNIT HEATER
EAT	ENTERING AIR TEMPERATURE	V	VOLTS
EDB	ENTERING DRY BULB TEMPERATURE	VAV	VARIABLE AIR VOLUME UNIT
EWB	ENTERING WET BULB	VFD	VARIABLE FREQUENCY DRIVE
FLA	FULL LOAD AMPERES	W	WIDTH
GPM	GALLONS PER MINUTE	W/	WITH
HX	HEAT EXCHANGER	W/O	WITHOUT
HZ	FREQUENCY	WB	WET BULB
L	LENGTH	WG	WATER GAUGE
		WMS	WIRE MESH SCREEN

NOTES:

1.) FOR DETAILS OF STRUCTURE, REFER TO ARCHITECT'S DRAWINGS AND SPECIFICATIONS.

2.) ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH LOCAL BUILDING CODES.

3.) WHERE APPROPRIATE, CONTRACTOR IS TO USE MANUFACTURERS RECOMMENDATIONS FOR INSTALLATION.

4.) BATHROOM EXHAUST FANS ARE TO BE SWITCHED AS INDICATED.

5.) DUCTWORK TO BE SHEET METAL EXTERNALLY INSULATED. SHEET METAL AS PER SMACNA SPECS. WITH MINIMUMS AS FOLLOWS:

THE NATIONAL ASSOCIATION SHEET METAL CONTRACTORS – 1929

RECTANGULAR SIZES	GAUGES OF SHEETS FOR DUCT SIZES
Up to 12"	26
13" to 30"	24
31" to 42"	22
43" to 60"	20
61" & over	

INSULATION TO BE 1.5" THICK, 3/4 lb. DENSITY GLASS FIBER BLANKET WITH FACTORY APPLIED FLAME RESISTANT REINFORCED FOIL (FRK) AND HAVING A 2" FLANGE. SEAL ALL JOINTS AND BREAKS.

6.) DUCT ACCESSORIES TO BE IN ACCORDANCE WITH SPECS. AND HVAC DETAILS.

7.) INSTALL 4" MIN. FLEX CONNECTION ON ALL SUPPLY & RETURN DUCTS AT AHU'S CONNECTION.

8.) ALL REFRIGERANT LINES IN WALLS TO BE INSTALLED IN 4"/6" PVC SLEEVES.

9.) ALL THERMOSTATS TO BE FITTED WITH LOCKABLE GUARD. HONEYWELL THERMOSTAT GUARD MODEL #CG–511–A–1000 OR EQUAL.

10.) INSULATE ENTIRE LENGTH OF BOTH PRIMARY & EMERGENCY DRAIN LINES. INSULATE BOTTOM OF EMERGENCY DRAIN PAN.

11.) PROVIDE FACTORY SUPPLIED GALVANIZED STEEL EMERGENCY DRAIN PAN & FLOAT SWITCH. UPON ACTIVATION FLOAT SWITCH SHALL SHUT DOWN UNIT.

12.) CU'S MOUNTED ON 4" HIGH CONCRETE PADS.

13.) CONTRACTOR TO PROVIDE SQUARE TO ROUND TRANSITION TO INLET OF VAVs.

SPECIFICATIONS:

- VD — MANUAL VOLUME DAMPER
- FD — FIRE DAMPER
- T AHU — THERMOSTATS TO BE ELECTRONIC PROGRAMMABLE CARRIER DEBONAIR MODEL OR EQUAL.
- FA/L — GREENHECK MODEL #EHH–401. WIND DRIVEN RAIN LOUVER, HORIZONTAL BLADES, INSECT SCREEN & KYNAR COATING.
- CD–X — CEILING SUPPLY GRILL
- CR–X — CEILING RETURN GRILL
- CE–X — CEILING EXHAUST GRILL
- DG–X — DOOR GRILL

The drawings are diagrammatic and indicate general layout of equipment and approximate dimensions, unless a dimensional detail is included. The drawings do not show all architectural and structural details. Refer to the contract set of building drawings and check for any variations from the plans. Take any information requiring accurate dimensions from the building drawings or at the building.

NO.	DATE	REVISION	BY
·	06/30/23	DESIGN DEVELOPMENT	B&A

B + A BROWN & ASSOCIATES
Engineers & Consultants, Limited

PROJECT: PROPOSED RENOVATIONS FOR UTILITIES REGULATION & COMPETITION AUTHORITY – FREDERICK HOUSE

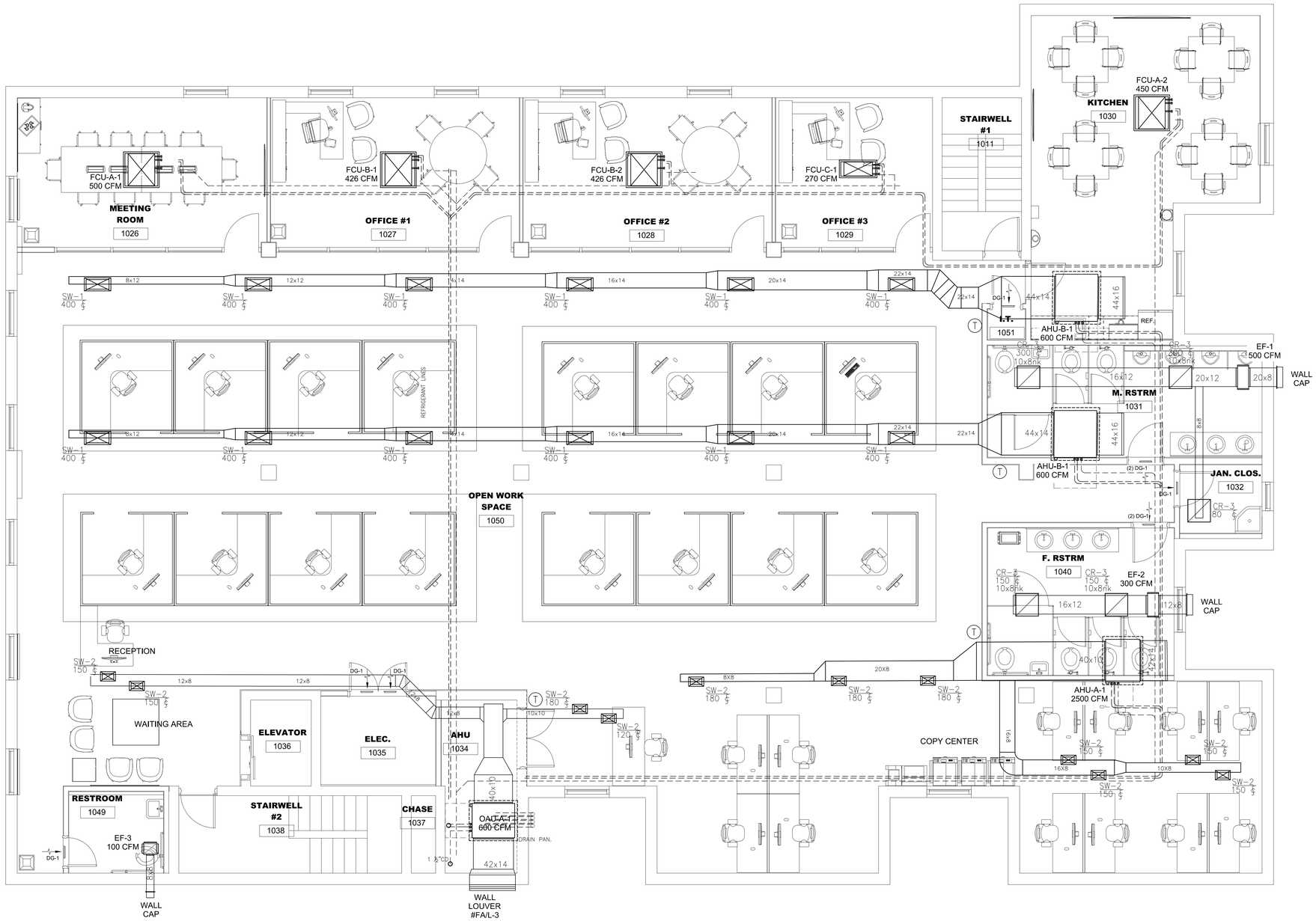
LOCATION: FREDERICK STREET, NASSAU, BAHAMAS.

TITLES: HVAC LEGEND & NOTES

SCALE: N.T.S.

CLIENT: URCA

PROJECT ARCHITECT	NUMBER PROJECT	DRAWING NO.
TDG		M–1
DRAWN BY B&A		
DATE OCT.'12		REF. \URCA



SECOND FLOOR HVAC PLAN

SCALE: 1/4" = 1'-0"

The drawings are diagrammatic and indicate general layout of equipment and approximate dimensions, unless a dimensional detail is included. The drawings do not show all architectural and structural details. Refer to the contract set of building drawings and check for any variations from the plans. Take any information requiring accurate dimensions from the building drawings or at the building.

NO.	DATE	REVISION	BY
06/30/23	DESIGN DEVELOPMENT	B&A

B+A BROWN & ASSOCIATES
Engineers & Consultants, Limited

PROJECT
PROPOSED RENOVATIONS FOR UTILITIES REGULATION & COMPETITION AUTHORITY – FREDERICK HOUSE

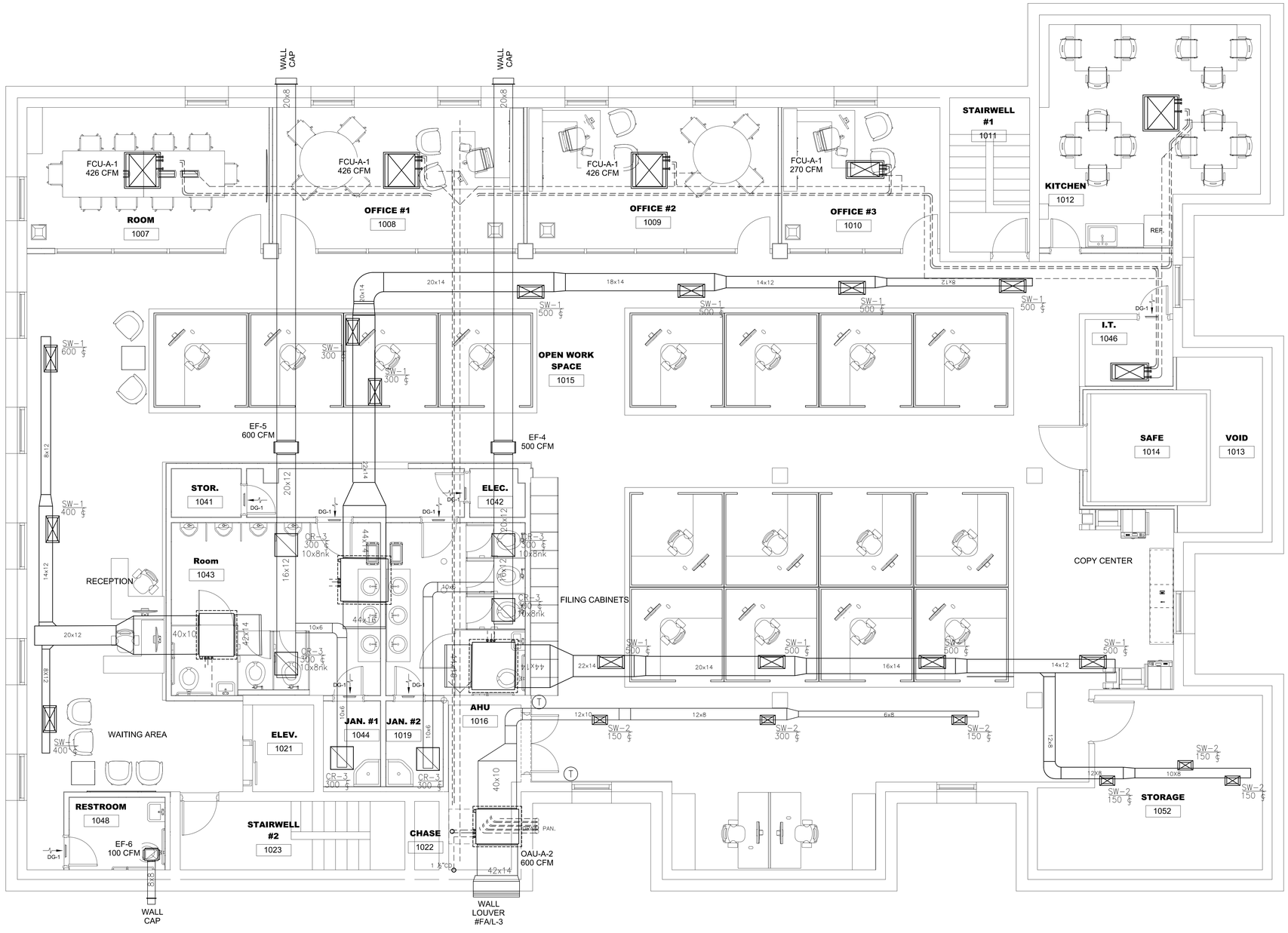
LOCATION
FREDERICK STREET, NASSAU, BAHAMAS.

TITLES SECOND FLOOR HVAC

SCALE 1/4" = 1'-0"

CLIENT URCA

PROJECT ARCHITECT	NUMBER PROJECT	DRAWING NO.
TDG		M-2
DRAWN BY B&A		
DATE OCT.'12		REF. \URCA



THIRD FLOOR HVAC PLAN

SCALE: 1/4" = 1'-0"

The drawings are diagrammatic and indicate general layout of equipment and approximate dimensions, unless a dimensional detail is included. The drawings do not show all architectural and structural details. Refer to the contract set of building drawings and check for any variations from the plans. Take any information requiring accurate dimensions from the building drawings or at the building.

NO.	DATE	REVISION	BY
-	06/30/23	DESIGN DEVELOPMENT	B&A

B + A BROWN & ASSOCIATES
Engineers & Consultants, Limited

PROJECT
PROPOSED RENOVATIONS FOR UTILITIES REGULATION & COMPETITION AUTHORITY – FREDERICK HOUSE

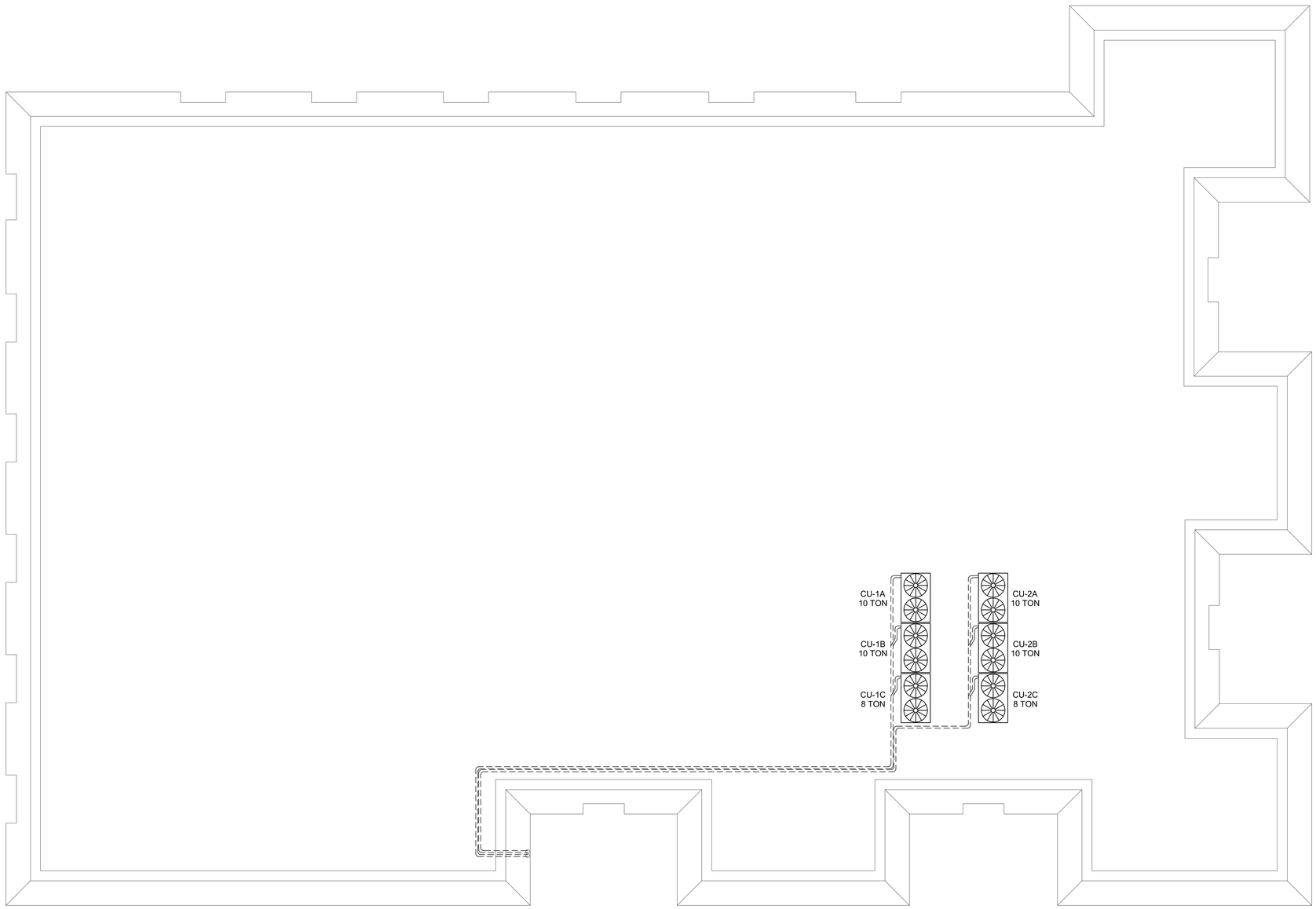
LOCATION
FREDERICK STREET, NASSAU, BAHAMAS.

TITLES THIRD FLOOR HVAC

SCALE 1/4" = 1'-0"

CLIENT URCA

PROJECT ARCHITECT	NUMBER PROJECT	DRAWING NO.
TDG		M-3
DRAWN BY B&A		REF. \URCA
DATE OCT.'12		



ROOF HVAC PLAN

SCALE: 1/4" = 1'-0"

The drawings are diagrammatic and indicate general layout of equipment and approximate dimensions, unless a dimensional detail is included. The drawings do not show all architectural and structural details. Refer to the contract set of building drawings and check for any variations from the plans. Take any information requiring accurate dimensions from the building drawings or at the building.

NO.	DATE	REVISION	BY
1	06/30/23	DESIGN DEVELOPMENT	B&A

B + A BROWN & ASSOCIATES
Engineers & Consultants, Limited

PROJECT
PROPOSED RENOVATIONS FOR UTILITIES REGULATION & COMPETITION AUTHORITY – FREDERICK HOUSE

LOCATION
FREDERICK STREET, NASSAU, BAHAMAS.

TITLES ROOF HVAC

SCALE 1/4" = 1'-0"

CLIENT URCA

PROJECT ARCHITECT	NUMBER PROJECT	DRAWING NO.
TDG		M-4
DRAWN BY B&A		
DATE OCT.'12		REF. \URCA

CITY MULTI

SYSTEM SCHEMATIC DWG.

DIAGRAM SYMBOL LEGEND	
DISPLAY	DESCRIPTION
——//——	POWER WIRE
———————	CONTROL WIRE
———————	REF. PIPE

CONT.No		PAGE	

This drawing is schematic in nature. Final routing of piping & wiring shall be determined by the installing contractor and/or designer of record

Additional refrigerant charge is needed depending on the size and length of extended piping. Please refer the amount of pre-charge and the formula of calculation which is mentioned on the data book.

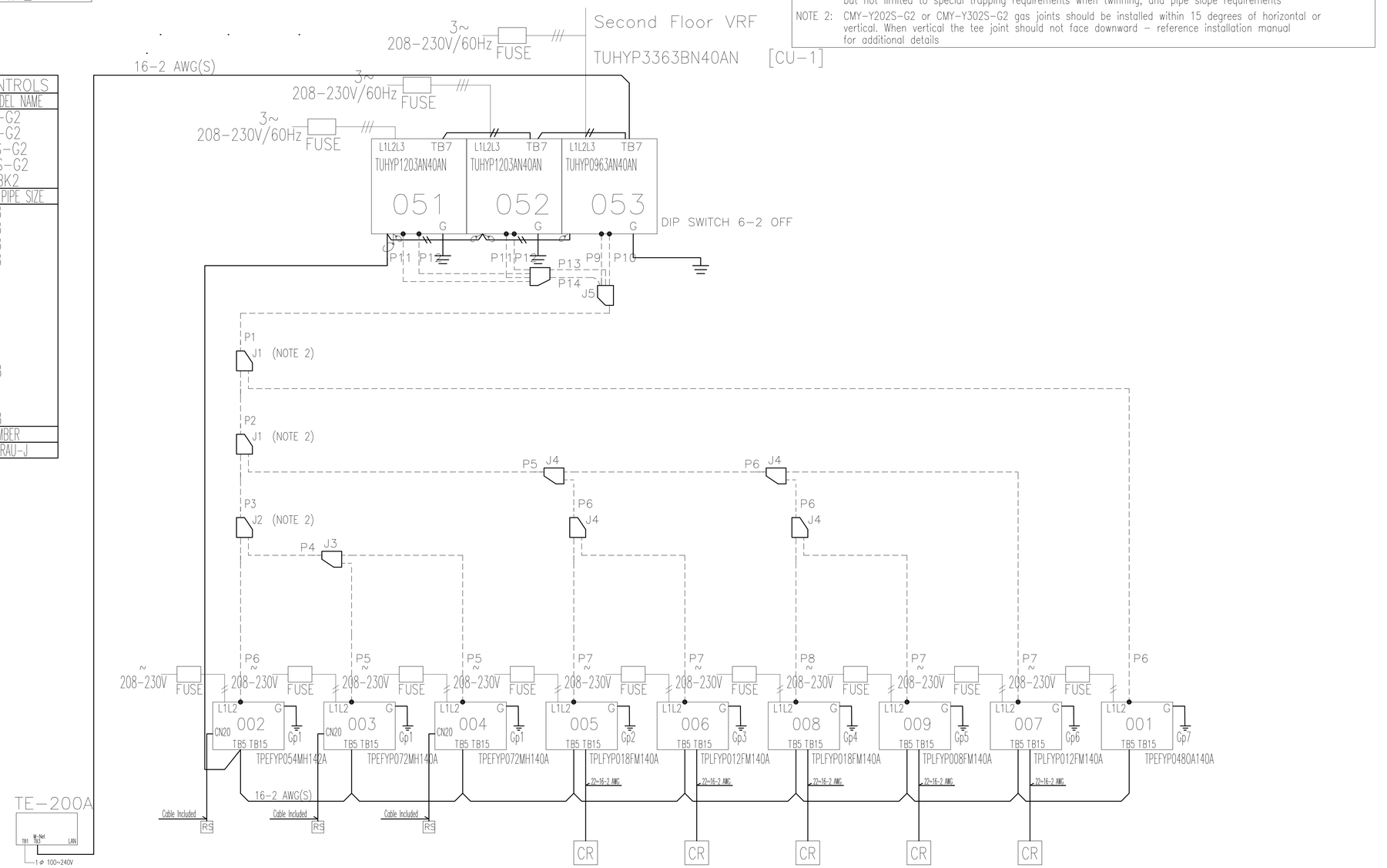
1.25mm²(16 AWG) : 1.25mm²(16 AWG) or more. 0.75mm²(20 AWG) : between 0.5mm²(24 AWG) and 0.75mm²(20 AWG).

Coded Notes:

NOTE 1: Install twinning Y's within 15 degrees of level and with 20 inches of straight pipe on converging connection – reference installation manual for additional details including but not limited to special trapping requirements when twinning, and pipe slope requirements

NOTE 2: CMY-Y202S-G2 or CMY-Y302S-G2 gas joints should be installed within 15 degrees of horizontal or vertical. When vertical the tee joint should not face downward – reference installation manual for additional details

PIPING AND CONTROLS	
SYMBOL	BRANCH PIPE MODEL NAME
J1	CMY-Y302S-G2
J2	CMY-Y202S-G2
J3	CMY-Y102LS-G2
J4	CMY-Y102SS-G2
J5	CMY-Y300CBK2
SYMBOL	LIQUID PIPE/GAS PIPE SIZE
P1	3/4 / 1-5/8
P2	3/4 / 1-3/8
P3	5/8 / 1-1/8
P4	1/2 / 1-1/8
P5	3/8 / 3/4
P6	3/8 / 5/8
P7	1/4 / 1/2
P8	3/8 / 1/2
P9	/ 7/8
P10	3/8 /
P11	/ 1-1/8
P12	1/2 /
P13	3/4 /
P14	/ 1-3/8
SYMBOL	MODEL NUMBER
CR	TAC-Y153CRAU-J



Open Work Space 1050	Open Work Space 1050	Open Work Space 1050	Meeting Room 1026	Office 1 1027	Kitchen 1030	Office 3 1029	Office 2 1028	AHU Room 1034
AHU-A-1	AHU-B-2	AHU-B-1	FCU-A-1	FCU-B-1	FCU-A-2	FCU-C-1	FCU-B-2	OAU-A-1

The drawings are diagrammatic and indicate general layout of equipment and approximate dimensions, unless a dimensional detail is included. The drawings do not show all architectural and structural details. Refer to the contract set of building drawings and check for any variations from the plans. Take any information requiring accurate dimensions from the building drawings or at the building.

NO.	DATE	REVISION	BY
06/30/23		DESIGN DEVELOPMENT	B&A

B+A BROWN & ASSOCIATES
Engineers & Consultants, Limited

PROJECT
PROPOSED RENOVATIONS FOR UTILITIES REGULATION & COMPETITION AUTHORITY – FREDERICK HOUSE

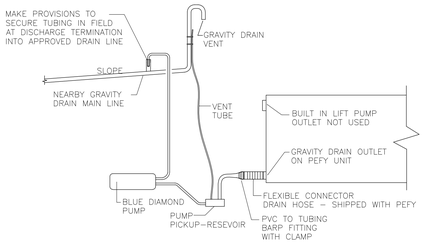
LOCATION
FREDERICK STREET, NASSAU, BAHAMAS.

TITLES SECOND FLOOR HVAC SCHEMATIC

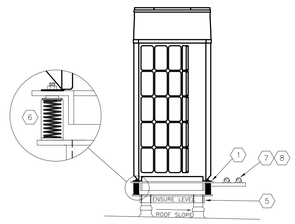
SCALE 1/4" = 1'-0"

CLIENT URCA

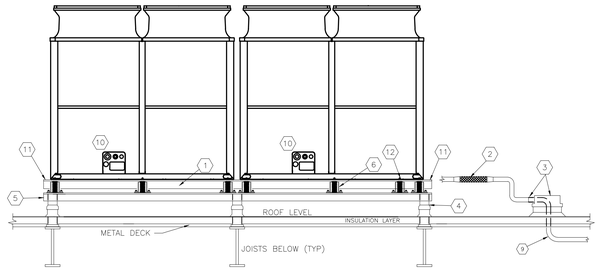
PROJECT ARCHITECT	NUMBER PROJECT	DRAWING NO.
TDG		M-5
DRAWN BY B&A		
DATE OCT.'12		REF. \URCA



13: BLUE DIAMOND PUMP ON PEFY DUCTED

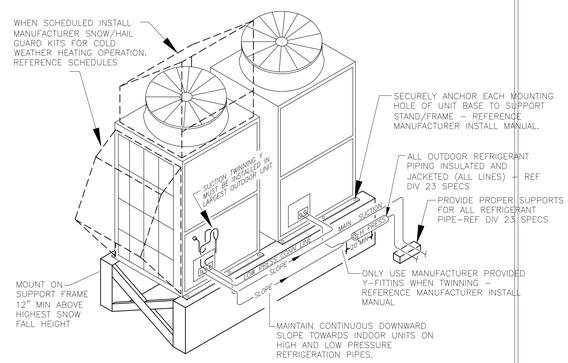


SIDE VIEW

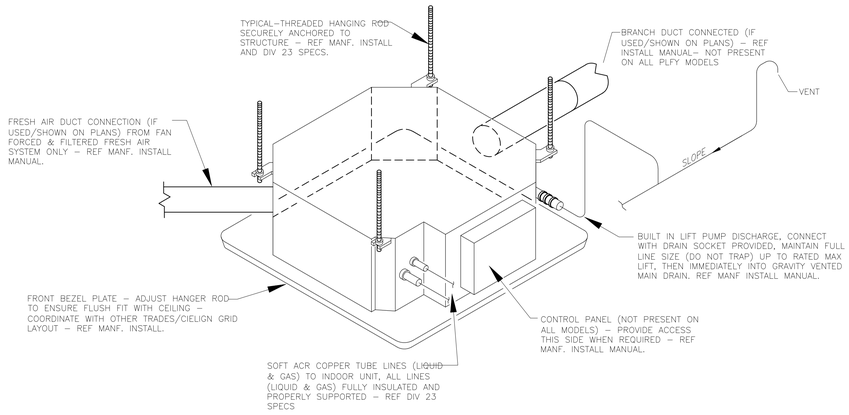


FRONT VIEW

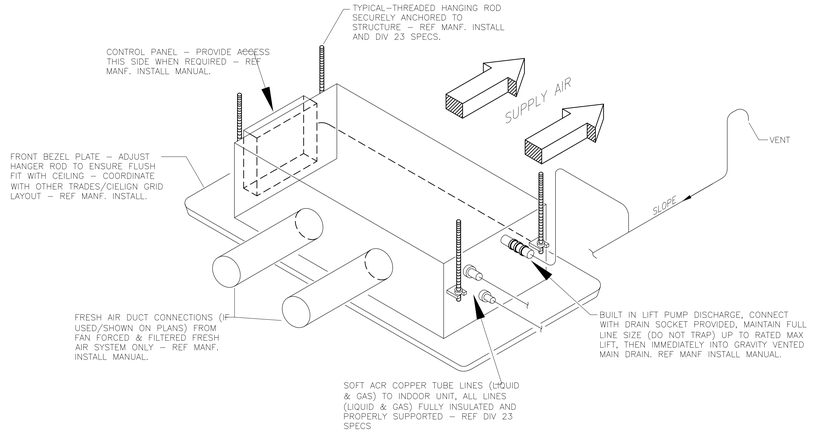
08: ROOF LEVEL VRF VIBRATION ISOLATION SAMPLE DETAIL



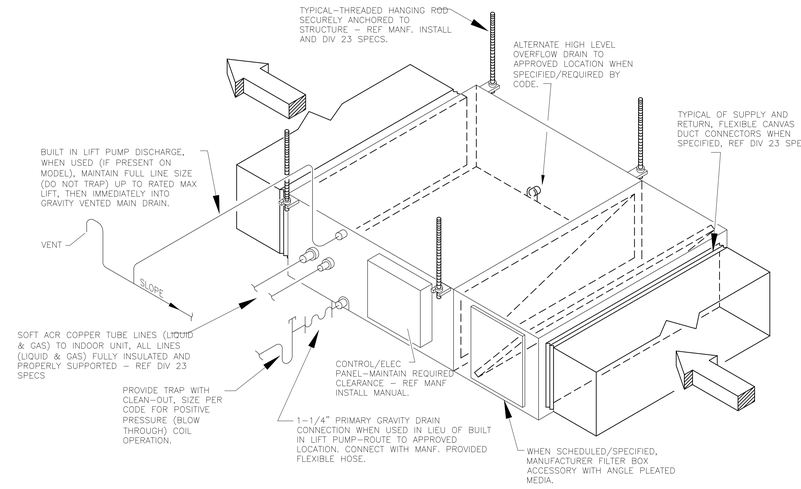
09: MITSUBISHI VRF OUTDOOR HEAT RECOVERY R2 OLD MODEL (J, K, L GEN) TWINNED DETAIL



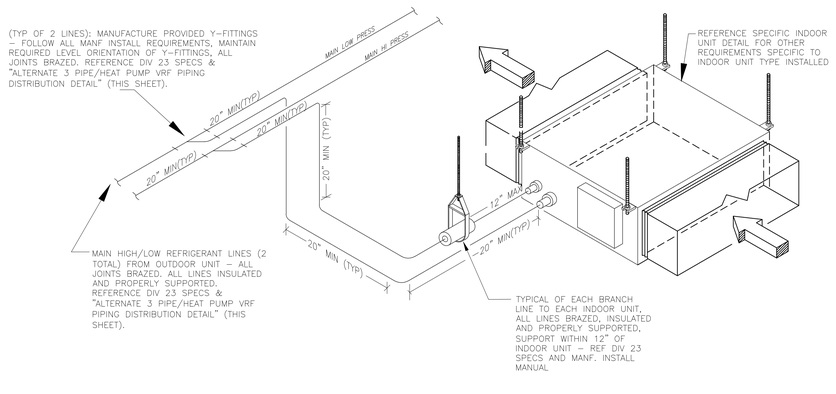
15: MITSUBISHI VRF CASSETTE INDOOR UNIT (PLFY) DETAIL



24: MITSUBISHI VRF CASSETTE (ONE–WAY) INDOOR UNIT (PMFY) DETAIL



16: MITSUBISHI VRF DUCTED INDOOR UNIT (PEFY FAMILY) DETAIL



11: ALTERNATE HEAT PUMP BRANCH CONNECTION DETAIL (TO INDOOR UNIT)

The drawings are diagrammatic and indicate general layout of equipment and approximate dimensions, unless a dimensional detail is included. The drawings do not show all architectural and structural details. Refer to the contract set of building drawings and check for any variations from the plans. Take any information requiring accurate dimensions from the building drawings or at the building.

NO.	DATE	REVISION	BY
	06/30/23	DESIGN DEVELOPMENT	B&A

B+A BROWN & ASSOCIATES
Engineers & Consultants, Limited

PROJECT: PROPOSED RENOVATIONS FOR UTILITIES REGULATION & COMPETITION AUTHORITY – FREDERICK HOUSE

LOCATION: FREDERICK STREET, NASSAU, BAHAMAS.

TITLES: VRF DETAILS

SCALE: 1/4" = 1'–0"

CLIENT: URCA

PROJECT ARCHITECT	NUMBER PROJECT	DRAWING NO.
TDG		M–6
DRAWN BY B&A		
DATE OCT.'12		REF. \URCA