



NEW WESTMINSTER

September 22, 2015

ADDENDUM #2
NWIT-15-34
Anvil Centre Interior Alterations
Anvil Centre, New Westminster, BC

This addendum modifies the Invitation to Tender only as noted:

BID FORM

7.0 Schedule

Paragraph 7.1 <**CHANGE TO READ**>

“The work in the Dirty Workshop, the Clean Workshop and the Super Clean Workshop must start November 5, 2015, at the earliest, and be substantially completed (including commissioning) no later than January 3, 2016.”

ADDITIONAL INFORMATION

Additional comments and specifications from David Norman Architecture Inc, attached as Architectural Addendum #1 (3 pages to follow)

Additional comments and specifications from AME Consulting Group, attached as Mechanical Addendum #1 (4 pages to follow)

Please acknowledge this addendum on page 2 of 4 in the Bid Form.

END OF ADDENDUM #2

Yours truly,

Roy Moulder, SCMP
Purchasing Manager

ADDENDUM NO. 1

1. INTENT

This addendum is issued prior to signing of the contract to provide for certain provisions to and clarifications of the work and contract documents. Execute work required by this addendum in accordance with applicable drawings and specifications.

2. DRAWINGS

- 2.1 Bidder's question: Elevation 3/A3.2a – clarify note “Replace vent with solid closure – see mech.”
Reply: delete this drawing note; the existing vent will remain, as noted on Drwg. 1/M2.01 .
- 2.2 Bidder's question: Detail 1/A5.4 – what is the spacing for screws, and the specification?
Reply: see specification Section 061110 – Wood Framing.
- 2.3 Bidder's question: Detail 1/A5.4 – what is the depth of the vinyl cove base, and the specification? Is there any existing vinyl cove base at this location?
Reply: vinyl cove base on new plywood panels is to be new as noted on the drawing; 4” high black to match existing; no existing vinyl cove base on concrete walls.
- 2.4 Bidder's question: Detail 3/A3.2a – what is the dimension of the sliding door?
Reply: the sliding mezzanine access door is approx.. 6' wide by 6' high.
- 2.5 Refer to Drawing A5.1 – GLASS ENTRANCE PLAN DETAIL. Note that the vertical edge of the existing glass partition is covered with a metal channel trim; remove this trim and grind the edge of the glass smooth as required, prior to installing the new black silicone butt joint.
- 2.6 Refer to Drawing A5.3 – MILLWORK GLASS DOOR DETAILS. See the Glass Cabinet Door Hardware List. Revise the specified Richelieu hinge model number from 75340-170 to BP-75340-170.

3. SPECIFICATIONS

- 3.1 Refer to Section 084510 – FRAMELESS GLASS ENTRANCES. Clarification: note that Part 3 Execution, item .10, indicates the location of the specified glazing film, which is to be installed on the room side of all glass doors and sidelights (new and existing) in the 2nd Floor Meeting Room.
- 3.2 See new Section 087110 – DOOR HARDWARE (attached). This section describes the door seals required for the 3rd floor Clean Workshop, to provide Class A environment.
- 3.3 Refer to Section 099115 – PAINTING
- .1 See subsection 3.2 Preparation. Note that prior to painting the ceiling in the Clean Workshop, all the existing ceiling ducts and piping shall be cleaned of dust; the ducts and pipes will not be painted.
 - .2 See subsection 3.2 Preparation. Note that the existing vinyl cove base in the Clean Workshop shall be removed prior to floor painting, and re-installed for as-new appearance (or alternatively provide new vinyl base).
- 3.4 Bidder's question: Can you provide me with a hardware schedule?
Reply: the millwork hardware is specified in the Hardware List on Drwg. A5.3; the frameless glass entry door hardware is specified in Section 084510.

4. ATTACHMENTS

4.1 Section 087110 – DOOR HARDWARE

END OF ADDENDUM

Part 1 General

1.1 SECTION INCLUDES

- .1 3rd floor Clean Workshop door seals and gaskets.

1.2 SUBMITTALS

- .1 Section 01 33 10: Submission procedures.
- .2 Shop Drawings: Indicate on shop drawings, locations and mounting heights of each type of hardware.

Part 2 Products

2.1 MANUFACTURERS

- .1 Doors seals by Draftseal or Pemco.

2.2 DOOR SEALS

- .1 Mezzanine Access Door and Hatch Seals: in order to maintain Class A museum environment, the access hatch and sliding access door from the 3rd floor Clean Workshop to the Mechanical Mezz shall be provided with door seals. The access hatch shall be provided with a rubber bulb seal to suit, all 4 sides. The sliding access door shall be provided with draft seals to suit, all 4 sides.
- .2 Clean Workshop Door Seals (3 double doors): in order to maintain Class A museum environment, the 3rd floor Clean Workshop entry doors shall be provided with draft seals, all 3 sides; and door sweeps at the bottom. Drafts seals and sweeps shall be commercial grade, aluminum, screw fastened and adjustable.

Part 3 Execution

3.1 PREPARATION

- .1 Inspect existing Workshop door and sliding mezzanine door conditions. Measure for door seals and submit shop drawings of appropriate door seals based on the site conditions and door seal manufacturer's recommendations.
- .2 Beginning of installation means acceptance of site conditions.

3.2 INSTALLATION

- .1 Install hardware to manufacturer's written instructions and requirements of Canadian Steel Door and Frame Manufacturers Association.
- .2 Use the templates provided by hardware item manufacturer.
- .3 Install door seals, and adjust to seal all door gaps continuously, all 4 sides.
- .4 The gap above the sliding mezz. access door track (approx. 2") shall be sealed with a solid wood strip, painted, and sealant.
- .5 Adjust operation, clean and protect.

END OF SECTION

The following addendum supersedes information contained in drawings and specifications issued for the project to the extent referenced. This Addendum forms part of the Tender Documents and is subject to all of the conditions set out in the contract conditions.

1.0 DRAWINGS – MECHANICAL

1.1 DRAWING NO. M1.01– SCHEDULES

CLARIFICATION: The image titled Photo #1 identifies the approximate location in which CRAC-6 is to be hung/installed. The orientation and position of the image is marked as a "1" on drawing 2/M2.01.

CLARIFICATION: The image titled Photo #2 identifies the approximate location in which CRAC-7 is to be hung/installed. The orientation and position of the image is marked as a "2" on drawing 2/M2.01.

REVISE: CRAC Unit Schedule: CRAC-6 is Model # OHS-032-HC and CRAC-7 is Model # OHS-012-HC. The exact changes are highlighted in yellow in the attached schedule.

1.2 DRAWING NO. M1.02– 3RD FLOOR PLUMBING & SCHEMATICS

ADD: Drawing M1.02 which identifies the location and routing of cold water connections to the humidifier's located in CRAC-6/7. Drawing M1.02 also provides a hydronic schematic for CRAC-6/7. See attached M1.02.

1.3 DRAWING NO. M2.01 – 3RD FLOOR HVAC

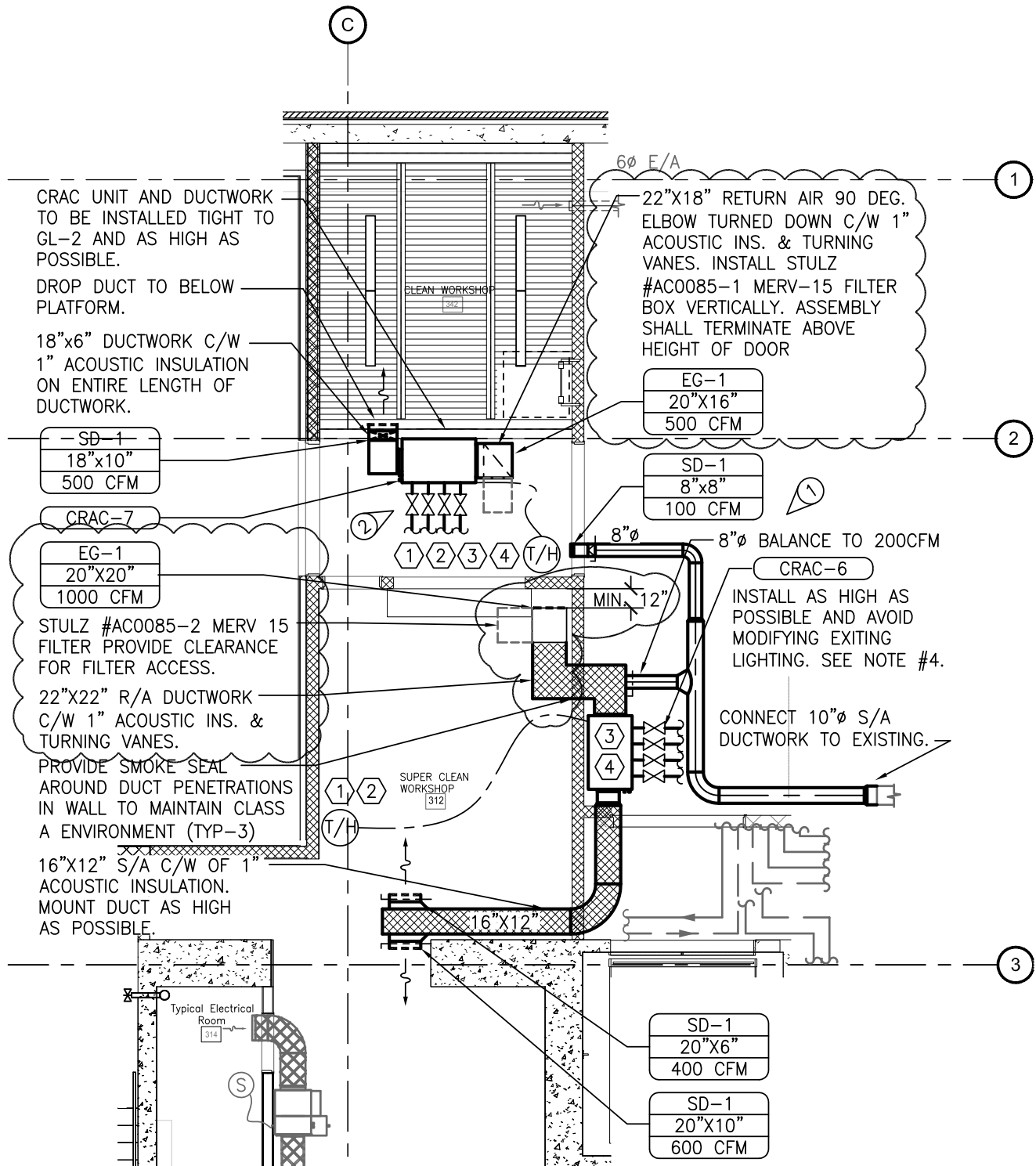
REVISE: CRAC-7 return air duct size to 22" x 18", and revise filter to Stultz #AC-0085-1 Merv 15 filter box. The contractor shall provide a 90 degree elbow, duct towards the floor, and c/w 1" acoustic insulation & turning vanes. Install the Stultz filter box vertically in-line with return air ductwork.

Return air duct and Stultz filter box configuration shall terminate at door height of door to avoid clash between door and filter box.

REVISE: CRAC-6 return air duct layout and size to 22" X22" c/w 1" acoustic insulation and turning vanes. Revise filter to Stultz #AC-0085-2 Merv 15 filter. Filter box shall be installed in-line with return air ductwork.

Refer to the attached sketch M-AD-1.1 for details.

END OF MECHANICAL ADDENDUM NO. 1



THIS SKETCH IS TO BE USED IN CONJUNCTION WITH DRAWING: 2/M2.01



VANCOUVER
T. (604) 684-5995 F. (604)
684-5993
501 - 134 ABBOTT STREET
VANCOUVER, BC V6B 2K4

VICTORIA
T. (250) 382-5999 F. (250)
382-5998
721 JOHNSON STREET
VICTORIA, BC V8W 1M8

PROJECT TITLE:
**ANVIL CENTRE
RENOVATIONS**

DRAWING TITLE:
3RD FLOOR HVAC

DRAWN BY MT
CHECKED BY KS

SCALE 1/8" - 1'-0"
DATE SEPT 11, 2015

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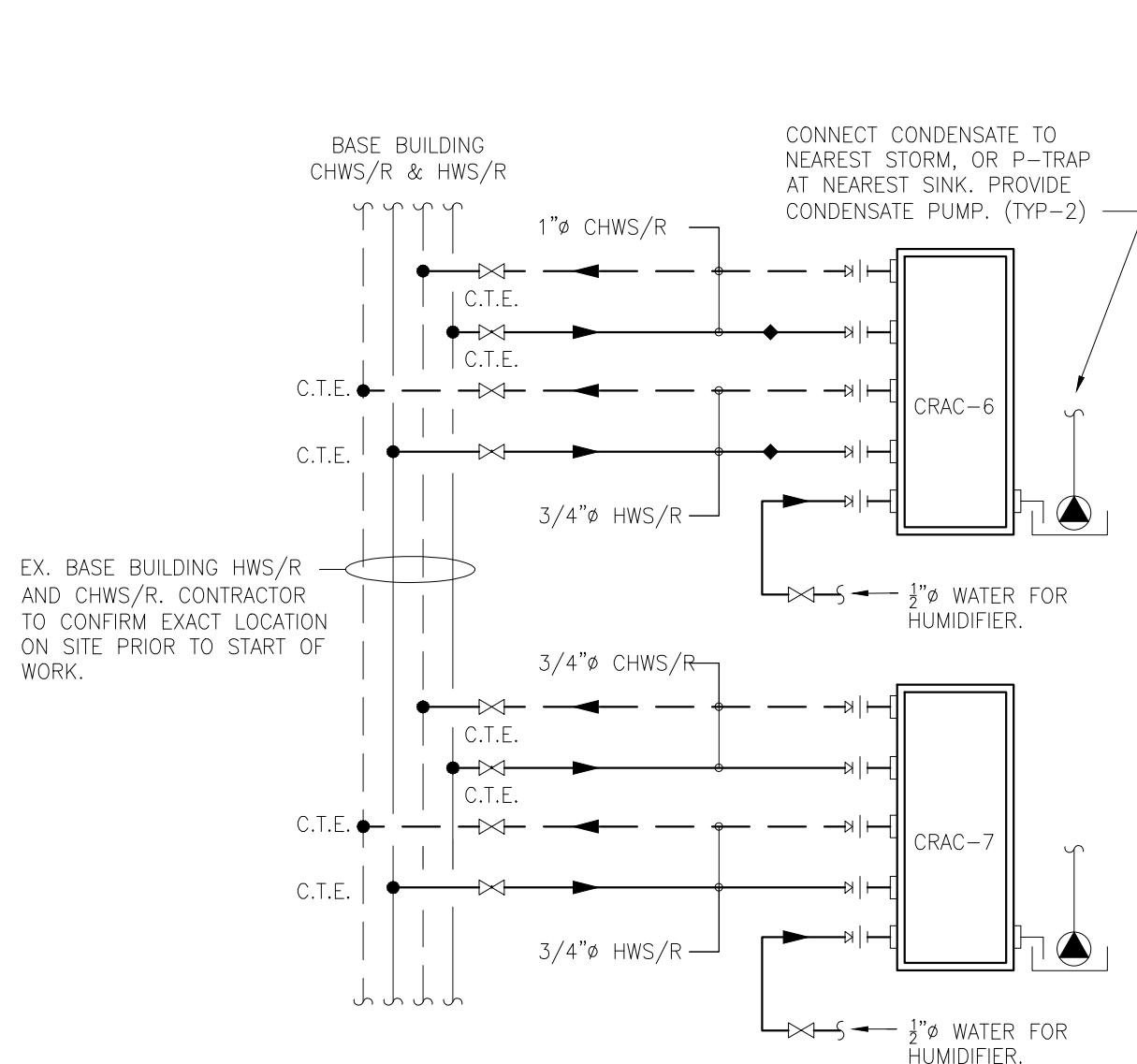
PROJECT NO. 105B-007-15
DRAWING NO. M-AD-1.1

CRAC UNIT SCHEDULE

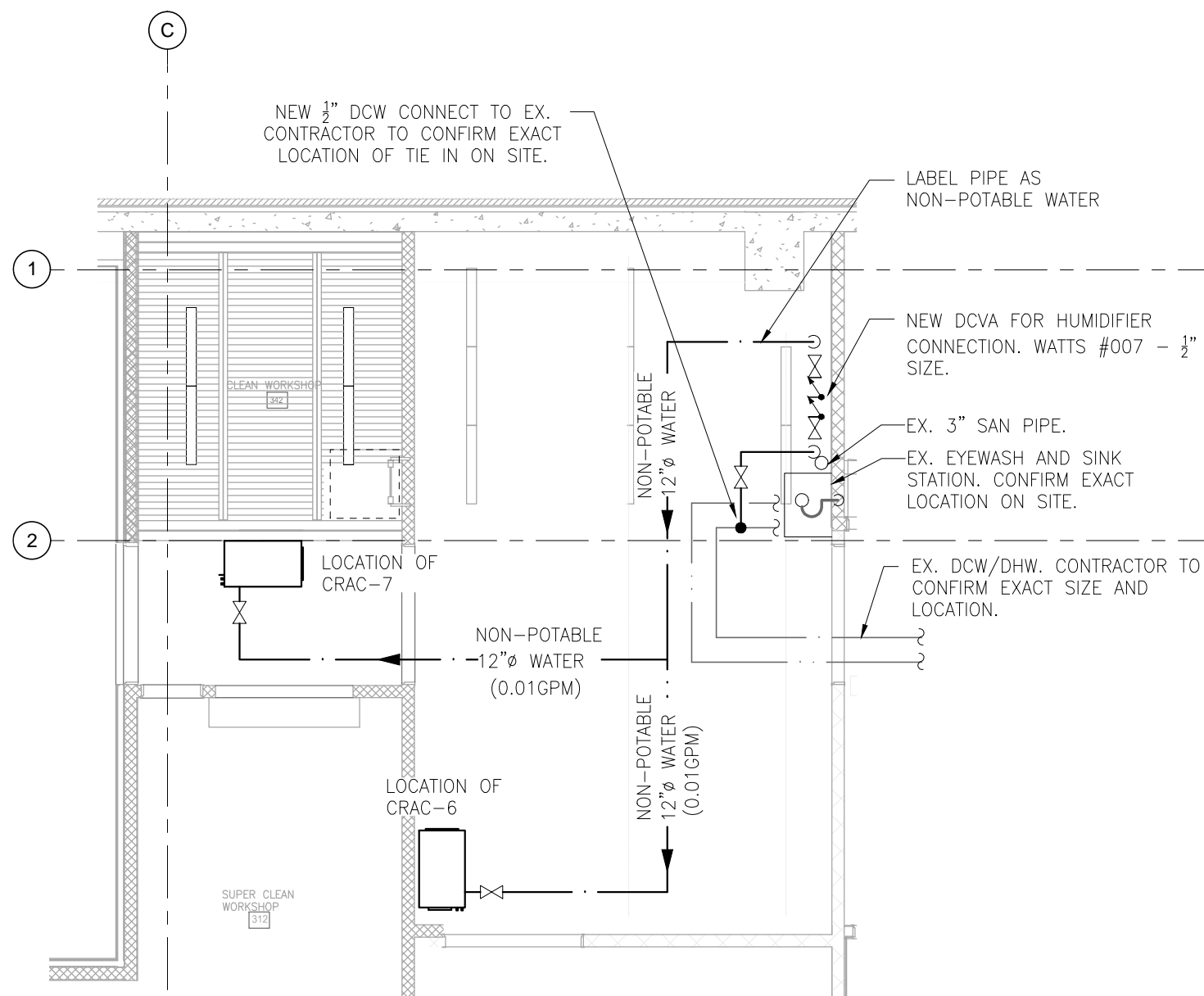
EQUIPMENT TAG	QTY	SERVICE	LOCATION	TYPE	MANUFACTURER	MODEL	TOTAL CLG (BTUH)	SENSIBLE CLG (BTUH)	HUMIDIFICATION (LB/HR)	EWT (F)	LWT (F)	CHWS FLOW (GPM)	CHWS PD (Ft)	CHWS PIPE (INCHES)	TOTAL HTG (BTU/H)	HWS FLOW (GPM)	HWS PD (Ft)	AIR FLOW (CFM)	E. S. P. (IN WC)	POWER (HP)	V/PH/CYCLE	REMARKS
CRAC-6	1	SUPER CLEAN WORKSHOP	DIRTY WORKSHOP	CHILLED WATER SYSTEM	STULZ	OHS-032-HC	22250	20970	2-5	45	55	4.6	5.4	1"	50400	3	0.3	900	0.3	1	208/3/60	ALL
CRAC-7	1	CLEAN WORKSHOP	CLEAN WORKSHOP	CHILLED WATER SYSTEM	STULZ	OHS-012-HC	12400	11100	2-5	45	55	2.5	4.2	3/4"	20700	1	0.1	500	0.3	1/4	208/3/60	ALL

NOTES:

- | | | | |
|---|--|---|---|
| <ul style="list-style-type: none"> 1. SELF CONTAINED DUCTED UNIT 2. C/W BACNet IP COMMUNICATION CARD - field installed 3. MANUFACTURER PROVIDED HOT AND CHILLED WATER CONTROL VALVE AND BALANCING VALVES | <ul style="list-style-type: none"> 4. PROPORTIONAL CONTROL OF HUMIDIFICATION 5. C/W TEMP/HUMD SENSOR - factory mtd 6. SINGLE POINT POWER CONNECTION 7. SENSIBLE COOLING AT 72°F AND 50% RH | <ul style="list-style-type: none"> 8. DUCTED AIRFLOW CONFIGURATION 9. PROVIDE SEISMIC ISOLATION FOR EQUIPMENT 10. PROVIDE STULTZ AIR FILTER BOX ASSEMBLY (SHIPPED LOOSE) SUITABLE FOR OHS-012-HC (#AC0085-1) AND OHS-132-HC (#AC0085-2) 11. SINGLE POINT POWER CONNECTION | <ul style="list-style-type: none"> 12. CONTRACTOR TO PROVIDE ACCESS FOR EQUIPMENT AND CLEARANCE SPACE FOR SERVICING. |
|---|--|---|---|



1 CRAC UNIT SCHEMATICS
 M1.02 SCALE: NOT TO SCALE



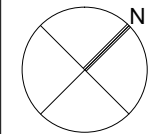
2 3RD FLOOR - PLUMBING
 M1.02 SCALE: 1/8" = 1'-0"

7		
6		
5		
4		
3		
2		
1	M-AD-1	SEPT 21/15
NO.	REVISIONS	DATE

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Do not commence the Work unless the drawing is Issued for Construction



PROJECT:
ANVIL CENTRE RENOVATIONS

777 COLUMBIA STREET
 NEW WESTMINSTER, BC

DRAWING:
3RD FLOOR PLUMBING & SCHEMATICS

DRAWN BY: MT/RT	CHECKED BY: KS
DATE: AUG 19, 2015	SCALE: 1/8" = 1'-0"
PROJECT NO.: 105b-007-15	DRAWING NO.: M1.02