

SUBMITTALS IDENTIFICATION SHEET

PROJECT: Canadian High Arctic Research Station Cambridge Bay, Nunavut		DEPT. REP.: PWGSC	
		Construction Manager: EllisDon	
		O/REF.: R042393.002	Package:
CONTRACTOR: ELLISDON		ARCHITECT: FGMDA/NFOE Architects	
Project Manager: JIM SHIVAS		Project no.: 879-12-00/11084	
Telephone: 613-565-2680 EXT. 9184		ENGINEER: SNC-LAVALIN Inc.	
E-mail: jshivas@ellisdon.com		Project no.: 610920	
SUBCONTRACTOR: H.H. HAWKINS		DISCIPLINE: ELECTRICAL	
Address: 18677 52 ND AVENUE, UNIT 103			
SURREY BC		PRODUCT SUBMITTED:	
Person responsible: SARAH THIBAUT		<input checked="" type="checkbox"/> As Specified	
Telephone: 800-661-4454 E-mail: sarah@hhhawkins.com		<input type="checkbox"/> Alternate	
SUPPLIER or MANUFACTURER: SAME AS ABOVE		<p align="center">Verification of conformity</p> <p><u>Nature and scope of the examination</u></p> <p>Verification of conformity according to the specifications and drawings.</p> <hr/> <p>This verification is by no way a complete and detailed audit of the design.</p> <p><input checked="" type="checkbox"/> No correction noted <input type="checkbox"/> Perform indicated corrections <input type="checkbox"/> Correct and resubmit <input type="checkbox"/> Refused</p> <p align="right">2016-03-28</p> <hr/> <p>Signature <input checked="" type="checkbox"/> Engineer <input type="checkbox"/> Other Date</p> <p>Guillaume Castonguay, L3029</p> <hr/> <p>Name Member No.</p> <p>The review of this paper is limited to the nature and scope indicated. The person or company who prepared it cannot be relieved of their obligations in any cases, of any nature whatsoever.</p>	
Address:			
Person responsible:			
Telephone: E-mail:			
DESCRIPTION OF SUBMITTAL:			
FUME HOODS			
# of pages: 1			
Reference to drawings:			
Reference to specs:			
Division: 01 Section: 12 35 53			
Article: 2.39 Page: 29			
Product abbreviation:			
REMARKS:			
Review of this submission is for compliance with general intent of the contract. This responsibility for error or omissions in the submission or the responsibility of meeting all requirements of the contract documents. Any deviation from the contract documents initiated by the Sub-Contractor, Supplier or Manufacturer shall be at their sole risk. QUANTITIES AND DETAIL DIMENSIONS ARE THE SUB-CONTRACTORS OR SUPPLIERS RESPONSIBILITY. VERIFY DATA WITH FIELD DIMENSIONS.			
SUBMITTAL TRACKING No.: CHARS-PK3-12-35-53.03		Date: MARCH 16, 2016 Rev.: 0	

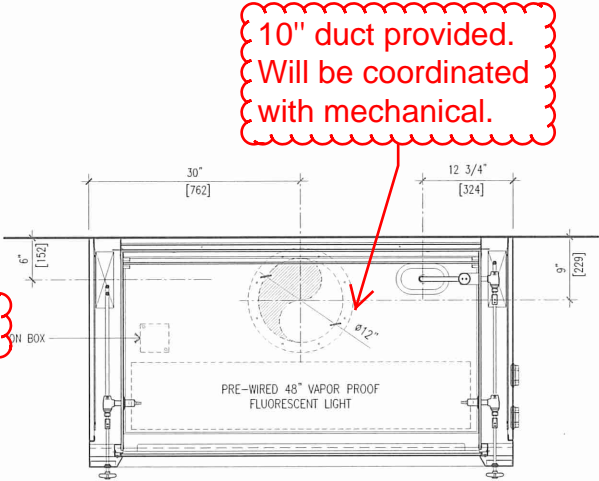
Mechanical review
No information is available for the sash positioner yet.
This item have been flagged to the CM to make sure that the product will be 100% compatible with the fume hoods.

PARAMÈTRES DES HOTTES		
Dimension de la Hotte	Ouverture Maximale de la Porte - (L x H)	Ø Diamètre du Collet d'Évacuation
60"	50 1/2" X 26 1/4"	φ12" de Dia.

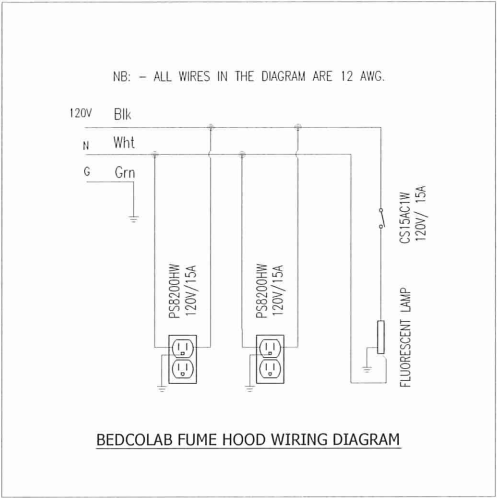
DONNÉES UTILISANT UNE VÉLOCITÉ DE 60PPM AVEC OUVERTURE MAXIMALE DE LA PORTE		
Évacuation en pi. cu./min.	Perte de Pression Statique	Vitesse de l'Air au Collet d'Évacuation
573 pcm	0.09"	730 ppm

DONNÉES UTILISANT UNE VÉLOCITÉ DE 100PPM AVEC OUVERTURE MAXIMALE DE LA PORTE		
Évacuation en pi. cu./min.	Perte de Pression Statique	Vitesse de l'Air au Collet d'Évacuation
955 pcm	0.25"	1215 ppm

DESIGN CASE.



SECTION "C"



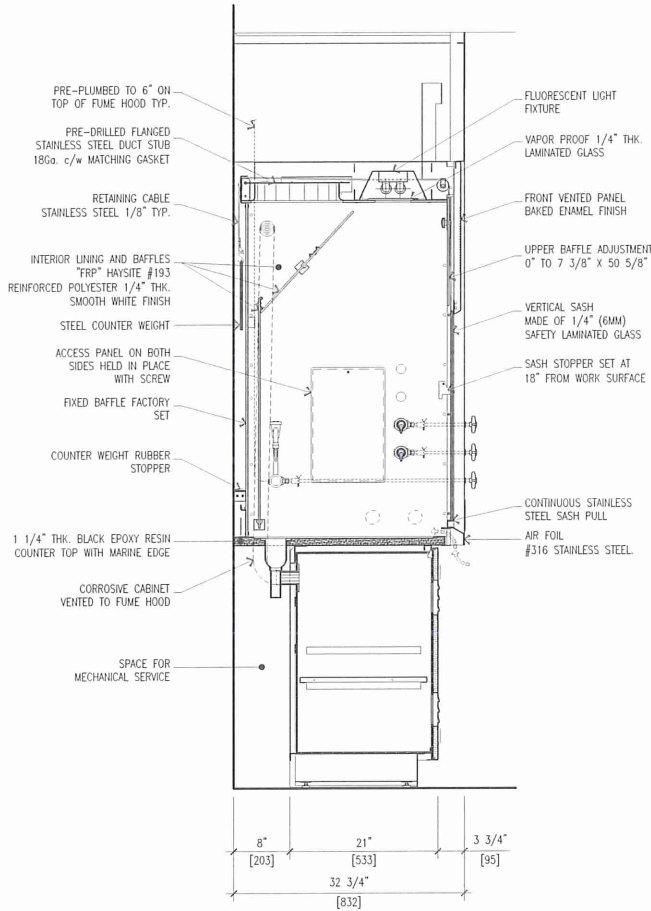
BEDCOLAB FUME HOOD WIRING DIAGRAM

GENERAL NOTES

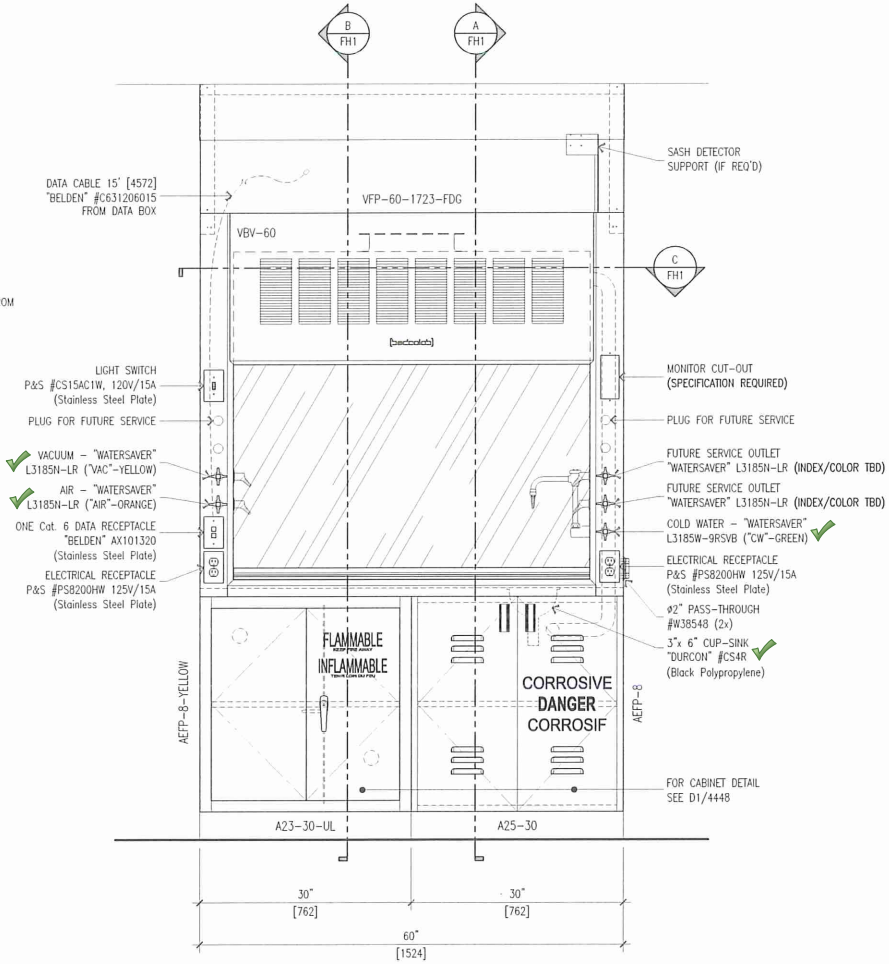
- 1- 26 1/2" WORKING SPACE
- 2- OPENING VIEW HEIGHT 67 3/4"
- 3- SASH OPENING 26 1/4" HIGH
- 4- TOTAL HEIGHT WITH SASH OPEN +/- 96" HIGH
- 5- DATA CORD 15'-0" LONG FROM JUNCTION BOX CONNECTION ±10'-0" EXCEEDING TOP OF HOOD

COLOR

TBD

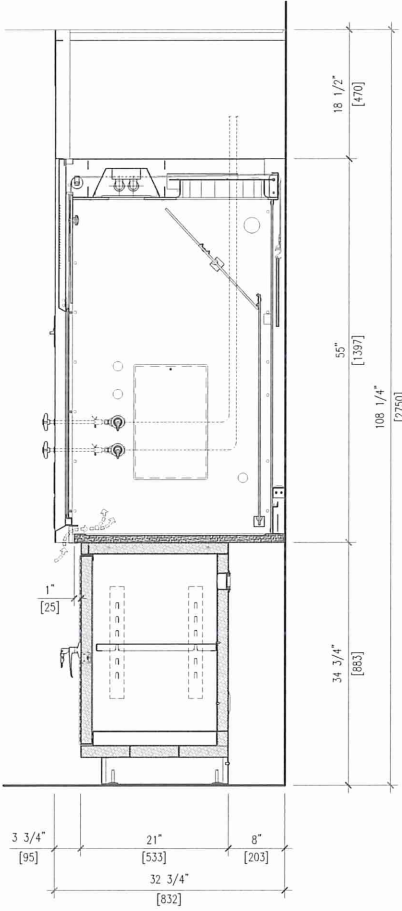


SECTION "A"

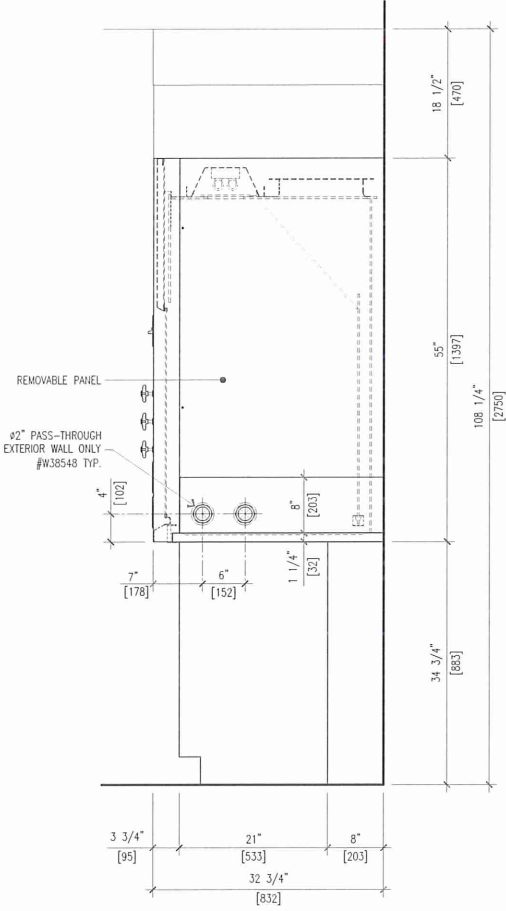


1 VB60-FRP-E

Ref.: CF1, Room M-273, Elev. 4/A623
Quantity: 1



SECTION "B"



RIGHT SIDEVIEW

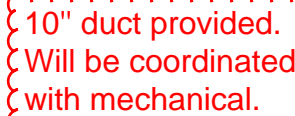
Issue/Revision		
No.	Date	Description
0	08/2015	Issued for Approval

Drawn By	H.H. Hawkins Ltd.
Checked By	C.H.A.R.S. Fume Hoods
Approved By	VB60-FRP-E Fume Hood

Drawn By	C. Farmer	Date	04-09-2015
Checked By	S. Ducharme	Date	07-09-2015
Approved By	M. Cloutier	Date	08-09-2015
Project Manager(s)	R. Pandin	Scale	1"= 1'-0"

(bedcolab) 2305 Avenue Francis Hughes, Laval, Québec, H7S 1A5 514-394-2820 1-800-463-6444 Fax : 514-394-9210 www.bedcolab.com	
Project No.	4448-RP
Page	FH1

DESIGN CASE.



Ref.: CF2, Room M-273, Elev. 7/A623
Quantity: 1



SECTION "A"

TBD

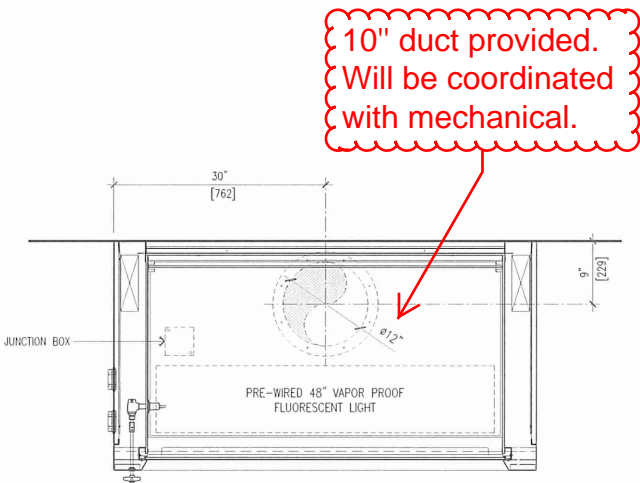
Project No.	Page
4448-RP	FH2

PARAMÈTRES DES HOTTES		
Dimension de la Hotte	Ouverture Maximale de la Porte - (L x H)	φ Diamètre du Collet d'Évacuation
60"	50 1/2" X 26 1/4"	φ12" de Dia.

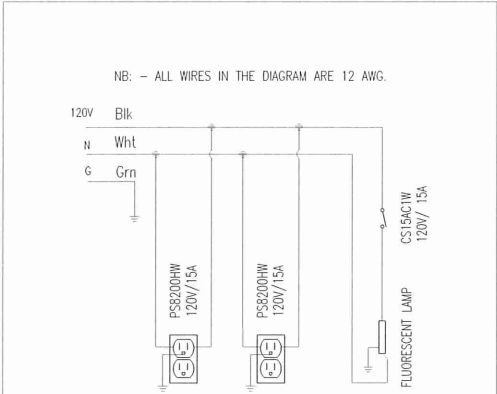
DONNÉES UTILISANT UNE VÉLOCITÉ DE 60PPM AVEC OUVERTURE MAXIMALE DE LA PORTE		
Évacuation en pi. cu./min.	Perte de Pression Statique	Vitesse de l'Air au Collet d'Évacuation
573 ppm	0.09"	730 ppm

DONNÉES UTILISANT UNE VÉLOCITÉ DE 100PPM AVEC OUVERTURE MAXIMALE DE LA PORTE		
Évacuation en pi. cu./min.	Perte de Pression Statique	Vitesse de l'Air au Collet d'Évacuation
955 ppm	0.25"	1215 ppm

DESIGN CASE.



SECTION "C"



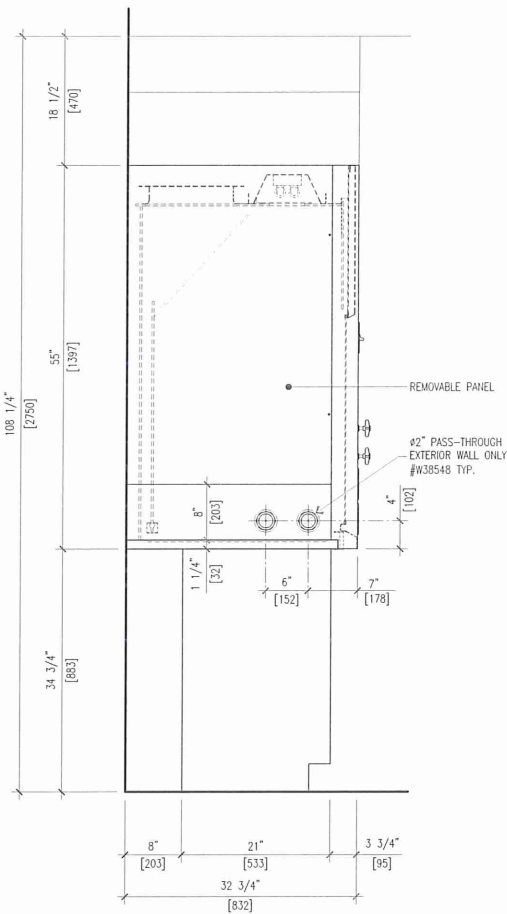
BEDCOLAB FUME HOOD WIRING DIAGRAM

GENERAL NOTES

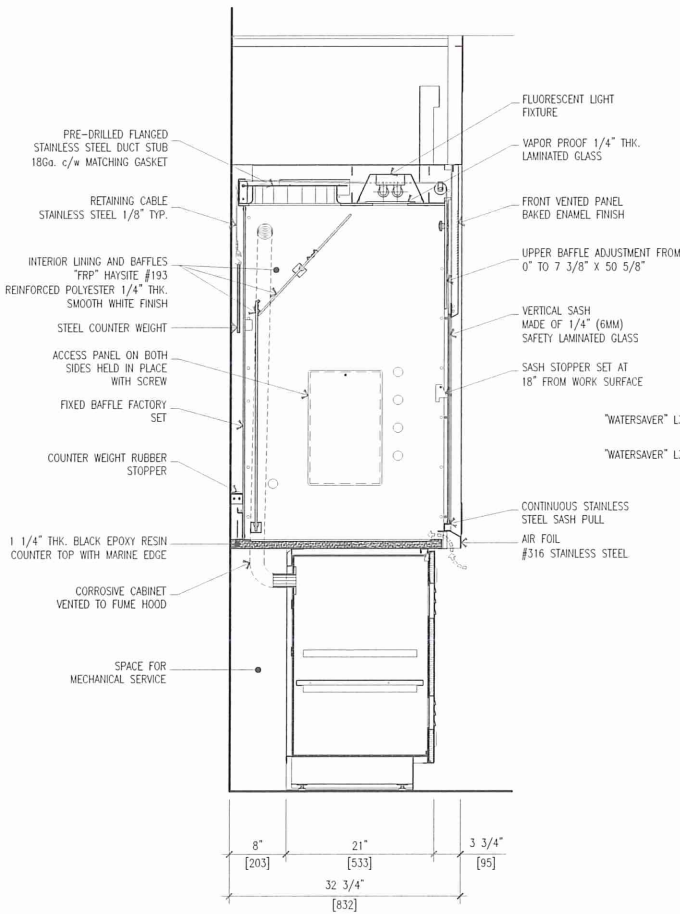
- 1- 26 1/2" WORKING SPACE
- 2- OPENING VIEW HEIGHT 67 3/4"
- 3- SASH OPENING 26 1/4" HIGH
- 4- TOTAL HEIGHT WITH SASH OPEN +/- 96" HIGH
- 5- DATA CORD 15'-0" LONG FROM JUNCTION BOX CONNECTION ±10'-0" EXCEEDING TOP OF HOOD

COLOR

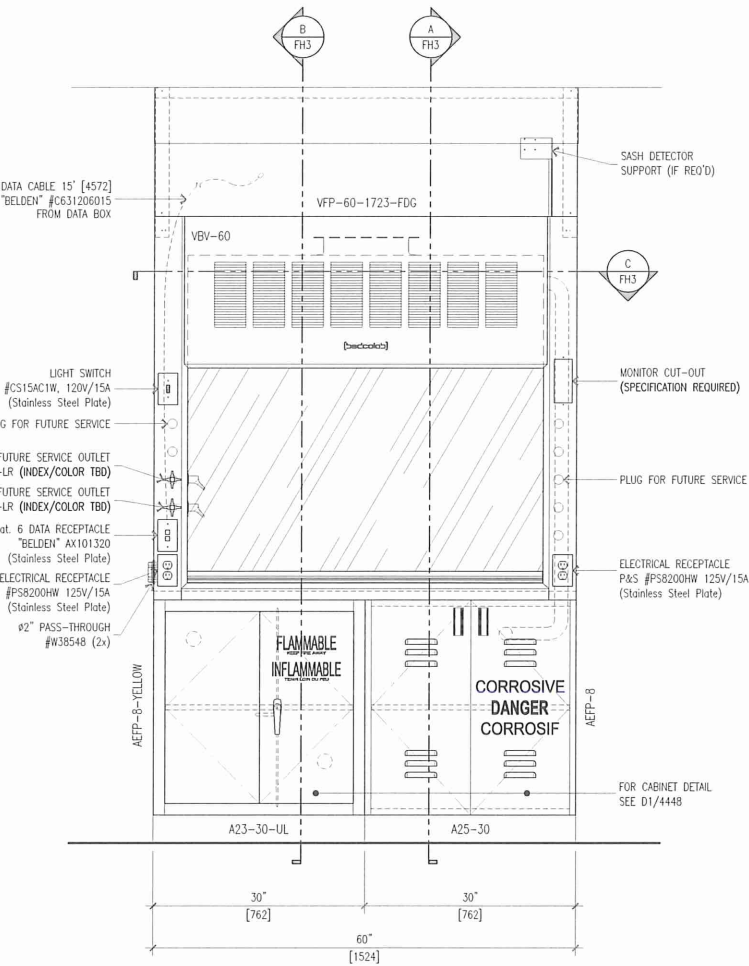
TBD



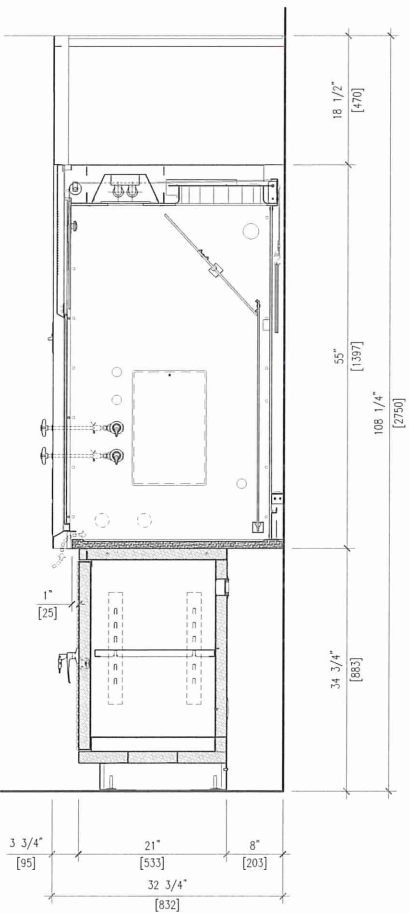
LEFT SIDEVIEW



SECTION "A"



SECTION "B"



SECTION "B"

1 VBV-60-FRP-E
FH3 Ref.: CF2, Room M-273, Elev. 8/A623
Quantity: 1

Issue/Revision		
No.	Date	Description
0	08/2015	Issued for Approval

Client	H.H. Hawkins Ltd.
Project	C.H.A.R.S. Fume Hoods
Unit	VBV-60-FRP-E Fume Hood

Drawn By	C. Farmer	Date	04-09-2015
Checked By	S. Ducharme	Date	07-09-2015
Approved By	M. Cloutier	Date	08-09-2015
Project Manager(s)	R. Pandin	Scale	1"= 1'-0"

(bedcolab) 2205 Avenue Francis Hughes, Laval, Québec, H7S 1A5 514-394-2820 1-800-461-6614 FAX: 514-394-9210 www.bedcolab.com	
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Project No.	4448-RP
Page	FH3

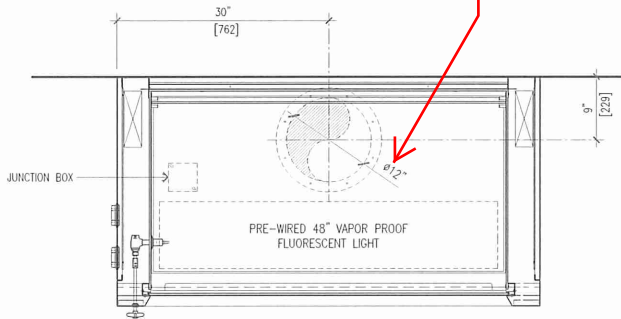
PARAMÈTRES DES HOTTES		
Dimension de la Hotte	Ouverture Maximale de la Porte - (L x H)	φ Diamètre du Collet d'Évacuation
60"	50 1/2" X 26 1/4"	φ 12" de Dia.

DONNÉES UTILISANT UNE VELOCITÉ DE 60PPM AVEC OUVERTURE MAXIMALE DE LA PORTE		
Évacuation en pi. cu./min.	Perte de Pression Statique	Vitesse de l'Air au Collet d'Évacuation
573 ppm	0.09"	730 ppm

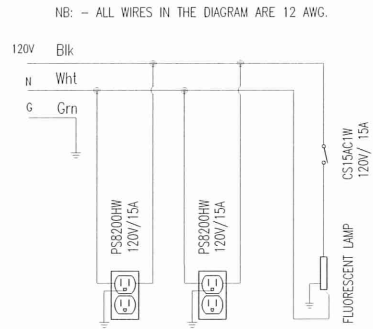
DONNÉES UTILISANT UNE VELOCITÉ DE 100PPM AVEC OUVERTURE MAXIMALE DE LA PORTE		
Évacuation en pi. cu./min.	Perte de Pression Statique	Vitesse de l'Air au Collet d'Évacuation
955 ppm	0.25"	1215 ppm

DESIGN CASE.

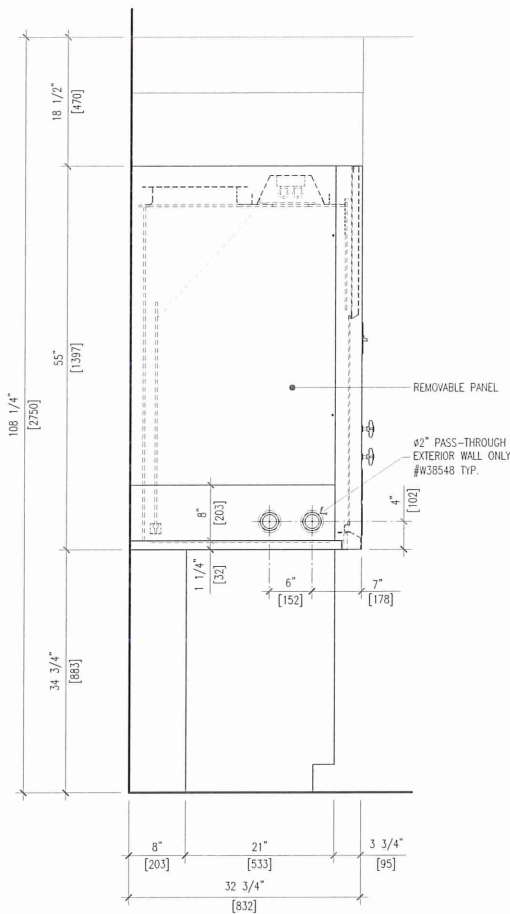
8" duct provided.
Will be coordinated
with mechanical.



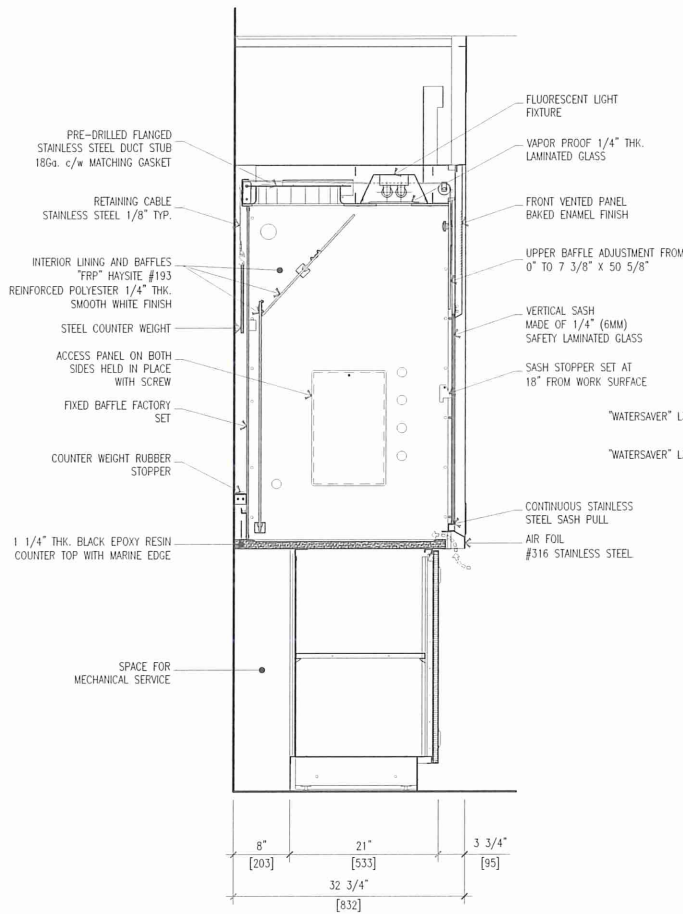
SECTION "C"



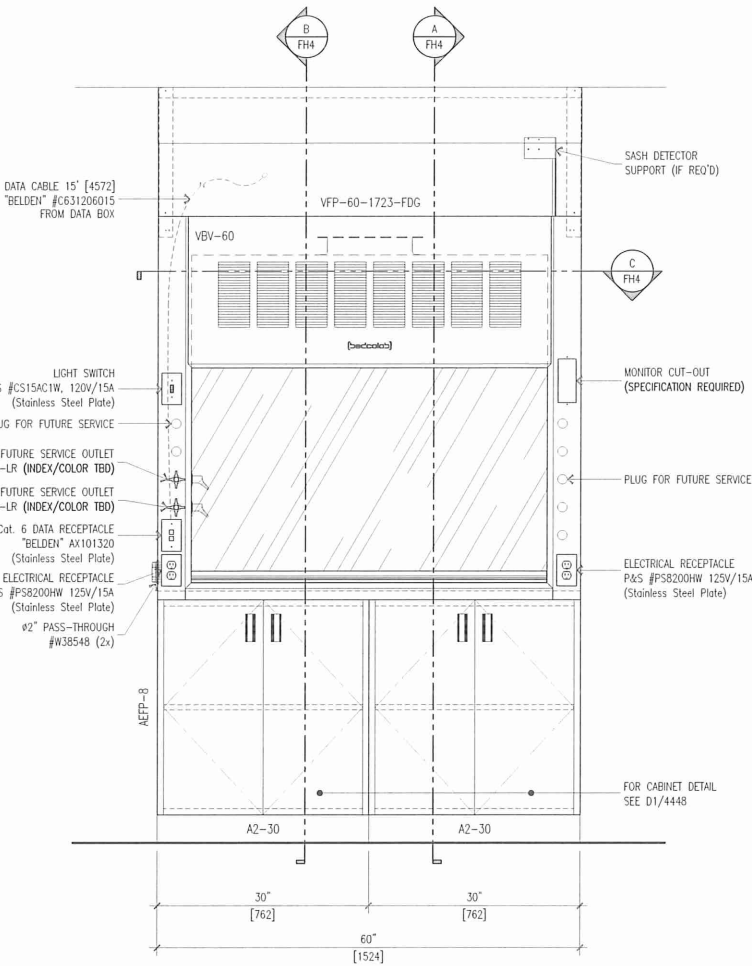
BEDCOLAB FUME HOOD WIRING DIAGRAM



LEFT SIDEVIEW



SECTION "A"

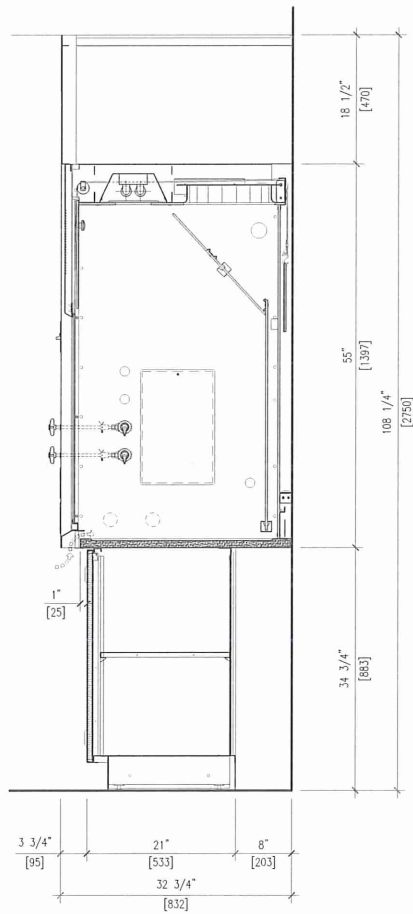


1

FH4

VBV-60-FRP-E

Ref.: CF3, Room M-119, Elev. 9/A621
Quantity: 1



SECTION "B"

GENERAL NOTES

- 1- 26 1/2" WORKING SPACE
- 2- OPENING VIEW HEIGHT 67 3/4"
- 3- SASH OPENING 26 1/4" HIGH
- 4- TOTAL HEIGHT WITH SASH OPEN +/- 96" HIGH
- 5- DATA CORD 15'-0" LONG FROM JUNCTION BOX CONNECTION +/- 10'-0" EXCEEDING TOP OF HOOD

COLOR

TBD

Issue/Revision

No.	Date	Description
0	08/2015	Issued for Approval

H.H. Hawkins Ltd.

C.H.A.R.S.

Fume Hoods

VBV-60-FRP-E

Fume Hood

Drawn By

C. Farmer

04-09-2015

Checked By

S. Ducharme

07-09-2015

Approved By

M. Cloutier

08-09-2015

Project Manager

R. Pandin

1"= 1'-0"

bedcolab
2305 Avenue Francis Hughes, Laval, Québec, H7S 1A5
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www.bedcolab.com

Project No.

4448-RP

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FH4

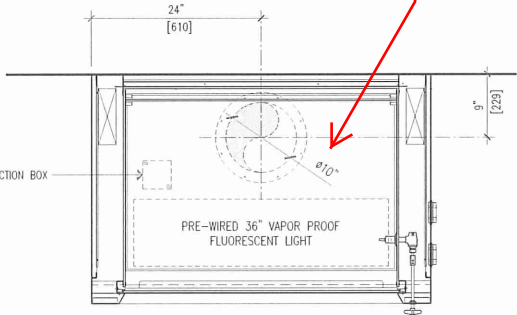
PARAMÈTRES DES HOTTES		
Dimension de la Hotte	Ouverture Maximale de la Porte - (L x H)	ø Diamètre du Collet d'Évacuation
48"	38 1/2" X 26 1/4"	ø10" de Dia.

DONNÉES UTILISANT UNE VÉLOCITÉ DE 60PPM AVEC OUVERTURE MAXIMALE DE LA PORTE		
Évacuation en pi. cu./min.	Perte de Pression Statique	Vitesse de l'Air au Collet d'Évacuation
437 ppm	0.065"	801 ppm

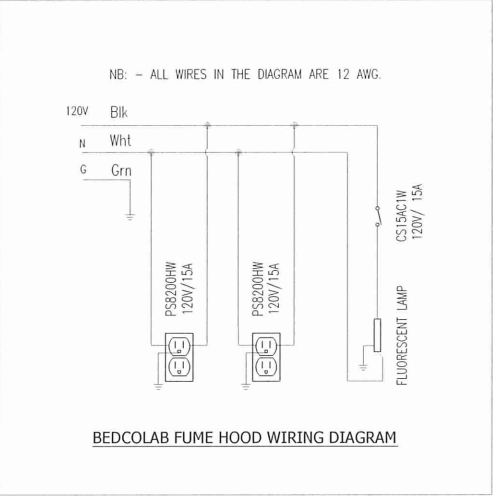
DONNÉES UTILISANT UNE VÉLOCITÉ DE 100PPM AVEC OUVERTURE MAXIMALE DE LA PORTE		
Évacuation en pi. cu./min.	Perte de Pression Statique	Vitesse de l'Air au Collet d'Évacuation
728 ppm	0.18"	1334 ppm

DESIGN CASE.

8" duct provided.
Will be coordinated
with mechanical.



SECTION "C"

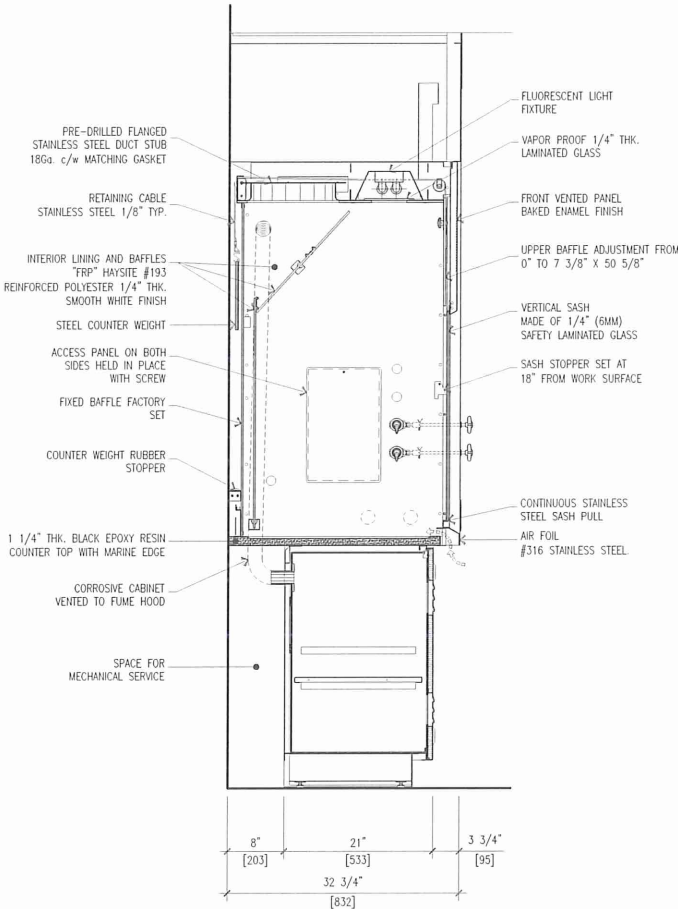


GENERAL NOTES

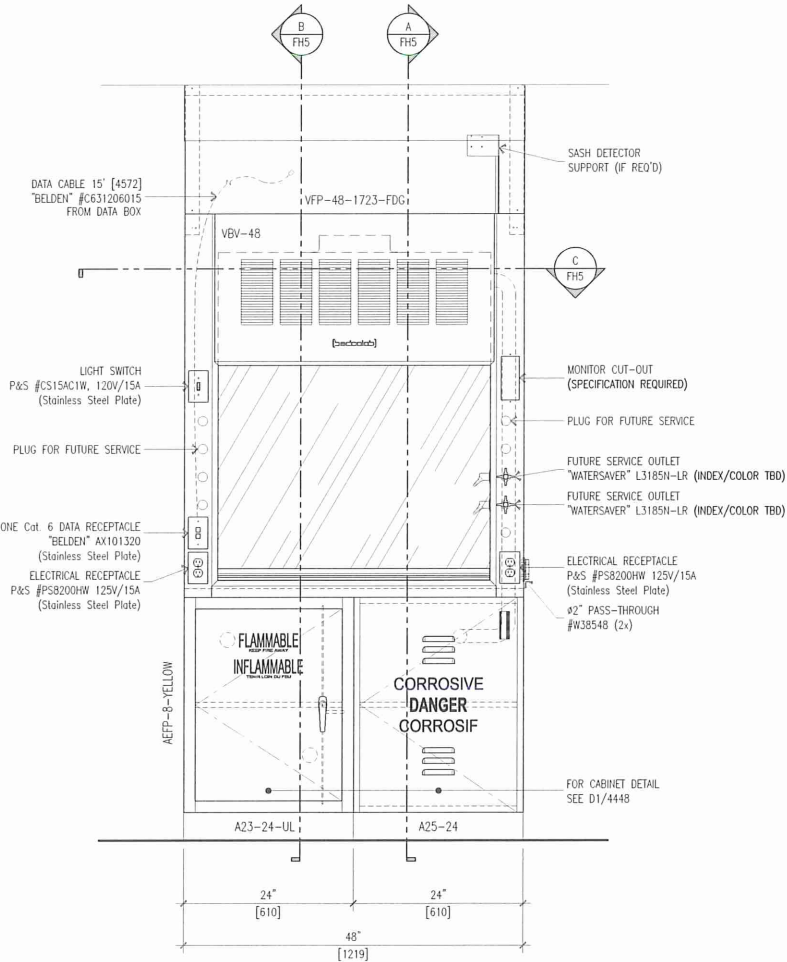
- 1- 26 1/2" WORKING SPACE
- 2- OPENING VIEW HEIGHT 67 3/4"
- 3- SASH OPENING 26 1/4" HIGH
- 4- TOTAL HEIGHT WITH SASH OPEN 47- 96" HIGH
- 5- DATA CORD 15'-0" LONG FROM JUNCTION BOX CONNECTION ±10'-0" EXCEEDING TOP OF HOOD

COLOR

TBD



SECTION "A"

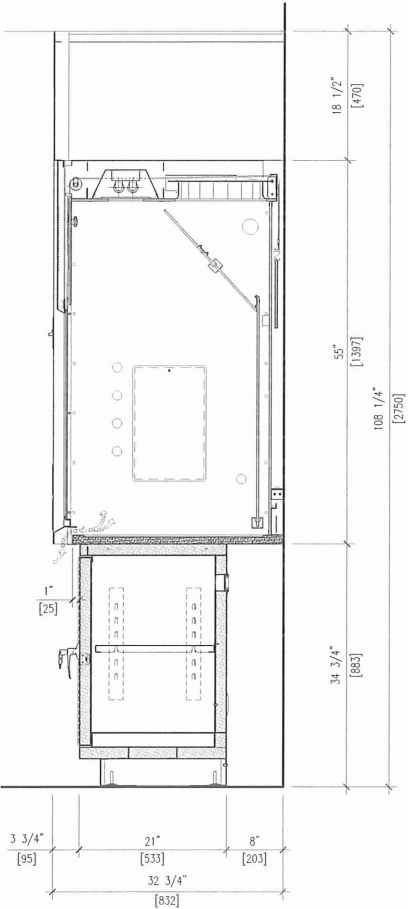


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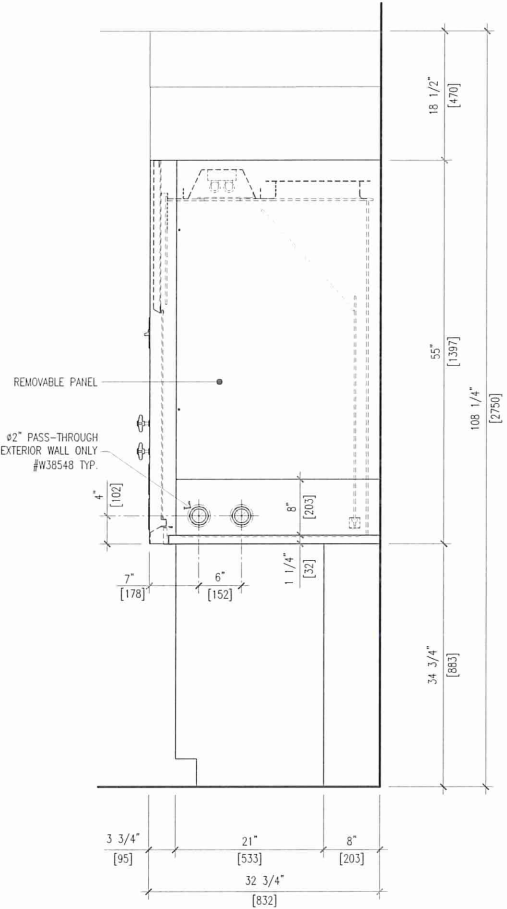
FH5

VBV-48-FRP-E

Ref.: CF4, Room M-192.4, Elev. 7/A622
Quantity: 1



SECTION "B"



RIGHT SIDEVIEW

Issue/Revision		
No.	Date	Description
0	08/2015	Issued for Approval

H.H. Hawkins Ltd.	
C.H.A.R.S. Fume Hoods	
VBV-48-FRP-E Fume Hood	

Drawn By	C. Farmer	Date	04-09-2015
Checked By	S. Ducharme	Date	07-09-2015
Approved By	M. Cloutier	Date	08-09-2015
Project Manager	R. Pandin	Scale	1"= 1'-0"

(bedcolab)	
2305 Avenue Francis-Hughes, Laval, Québec, H7S 1A5 514-394-2020 1.800.465.6644 FAX: 514-394-9219 www.bedcolab.com	
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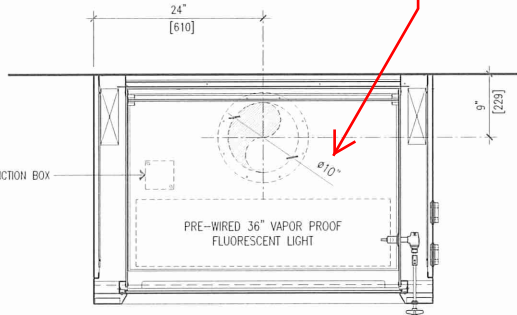
PARAMÈTRES DES HOTTES		
Dimension de la Hotte	Ouverture Maximale de la Porte - (L x H)	Ø Diamètre du Collet d'Évacuation
48"	38 1/2" X 26 1/4"	Ø10" de Dia.

DONNÉES UTILISANT UNE VÉLOCITÉ DE 60PPM AVEC OUVERTURE MAXIMALE DE LA PORTE		
Évacuation en pi. cu./min.	Perte de Pression Statique	Vitesse de l'Air au Collet d'Évacuation
437 pcm	0.065"	801 ppm

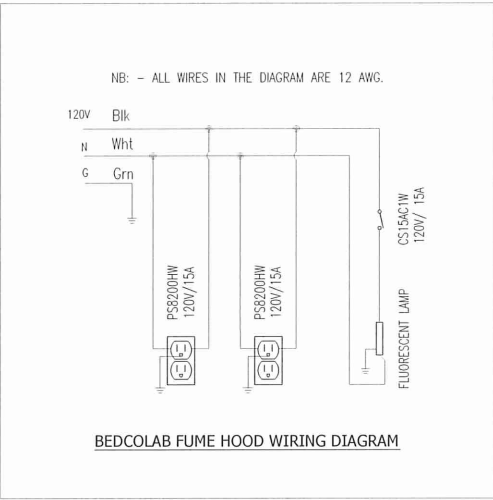
DONNÉES UTILISANT UNE VÉLOCITÉ DE 100PPM AVEC OUVERTURE MAXIMALE DE LA PORTE		
Évacuation en pi. cu./min.	Perte de Pression Statique	Vitesse de l'Air au Collet d'Évacuation
728 pcm	0.18"	1334 ppm

DESIGN CASE.

8" duct provided.
Will be coordinated
with mechanical.

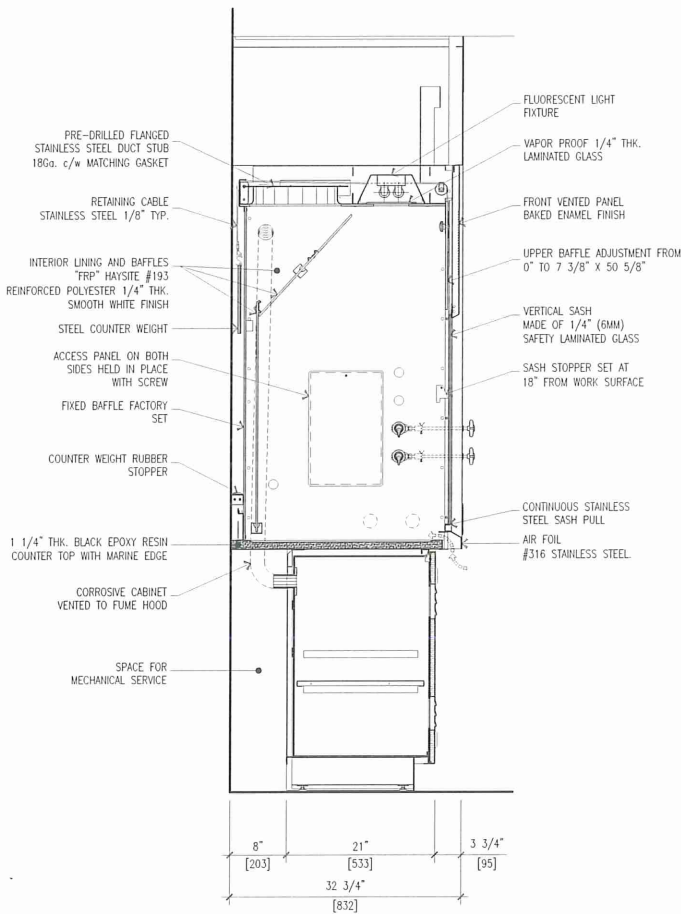


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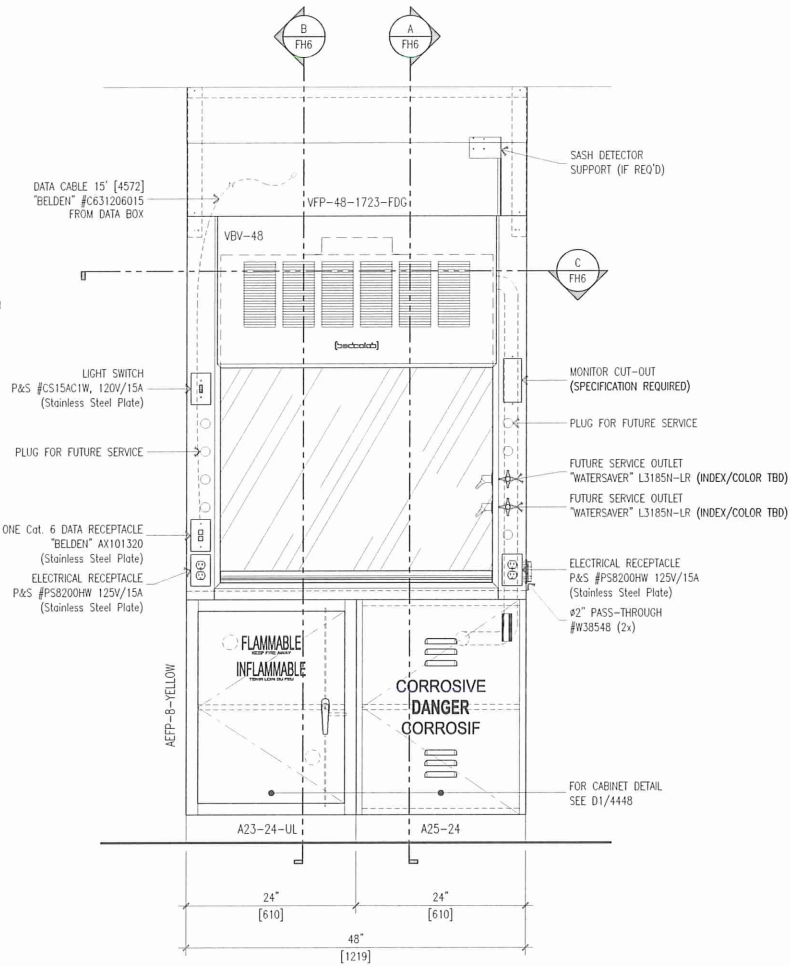


BEDCOLAB FUME HOOD WIRING DIAGRAM

GENERAL NOTES	
1- 26 1/2" WORKING SPACE	
2- OPENING VIEW HEIGHT 67 3/4"	
3- SASH OPENING 26 1/4" HIGH	
4- TOTAL HEIGHT WITH SASH OPEN +/- 96" HIGH	
5- DATA CORD 15'-0" LONG FROM JUNCTION BOX CONNECTION ±10'-0" EXCEEDING TOP OF HOOD	
COLOR	
TBD	



SECTION "A"

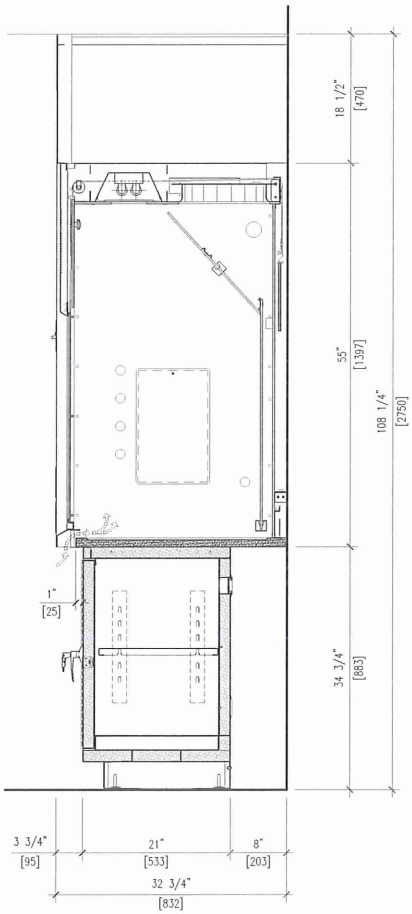


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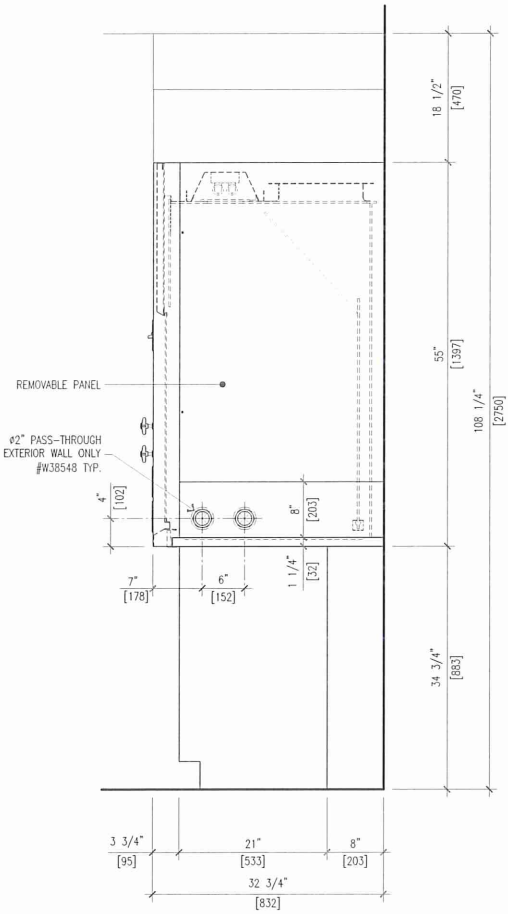
FH6

VBV-48-FRP-E

Ref.: CF4, Room M-264, Elev. 8/A624
Quantity: 1



SECTION "B"



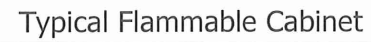
RIGHT SIDEVIEW

Issue/Revision		
No.	Date	Description
0	08/2015	Issued for Approval

Client	H.H. Hawkins Ltd.
Approved By	C.H.A.R.S. Fume Hoods
Drawn By	VBV-48-FRP-E Fume Hood

Drawn By	C. Farmer	Date	04-09-2015
Checked By	S. Ducharme	Date	07-09-2015
Approved By	M. Cloutier	Date	08-09-2015
Project Manager	R. Pandin	Scale	1"= 1'-0"

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L:\A-projet New\4448 - HH Hawkins - CHARS\Annexe 02 - Dessins Atelier au Client\Approbation\4448 - Fume Hoods - Rev 0.dwg, 2015-09-08 13:58:28, DWG To PDF.pc3