

Date: May 21, 2013

This Addendum varies the Bidding and Contract Documents published for Tender on the MERX System on April 29, 2013.

This Addendum shall form part of the Contract Documents and is to be read, interpreted and coordinated with all other parts. The cost of all work contained herein shall be included in the Contract sum. The following revisions supersede the information contained in the original specifications and drawings issued for the above-named project.

1.0 **SPECIFICATIONS**

1.1 Index – Pages 2 - 7

- Revise the following to: Replace the page 2 with ones noted "Addendum No. 2 – May 21, 2013.

1.2 Reference Section 01 11 55 – General Instructions – Page 1 of 9

- Add the following to: Clause 1.2.2 (Description of Work) ".13 Asbestos and Lead-Base Paint Abatement" ".14 Spray Insulation".

1.3 Reference Section 01 11 55 – General Instructions – Page 2 of 9

- Revise the following: Clause 1.5 (Time of Completion).
 - .1 Complete the project in its entirety within 28 weeks of award of the contract. Refer to Section 01 32 16.06 – Construction Progress Schedule – Critical Path Method (CPM).
 - .2 Project is to be undertaken in 2 sequential phase consisting of the following: Refer to the Phasing Plan Sheet A001.

Phase 1 A & B - Complete the following work in 20 weeks after contract award.
Phase II - Complete the following work in 28 weeks after contract award.
 - .3 Following work to be completed during Phase 1
 - Elevator Upgrade and associated work.
 - Upgrade to the boilers; refer to Mechanical drawings and specifications.
 - All related work in the Penthouse Mechanical Room.
 - .4 All reference to the following drawings A100, A101, A102, A103, A111, A112, A113, A201, A202 and A203 to be revised to note Phase 1 and 2 combined to form **Phase (1)**, Phase 3 and 4 combined to form **Phase (2)**.

1.4 Reference Section 01 35 43.10 – Carpet Reclamation – page 2 0of 4

- Add the following to: Clause 2.1 (Materials)

.4 Existing carpet on tile is SHAW-M7647 w/ PERMABAC BACKING TYPE.

1.5 Reference Section 02 82 00.3 – Asbestos Abatement – Maximum Precautions – Page 1 of 12

- Revise the following to: Clause 1.1.1.1 Summary “Removal of Asbestos containing spray fireproofing from penthouse fan room and boiler insulation from the two boilers in boiler room of 125 East 10th Avenue, Vancouver, B.C.”

1.6 Reference Section 07 21 19 – Sprayed-In-Place Insulation – Page 1 to 2

Add: in its entirety.

1.7 Reference Section 08 33 13 – Coiling Counter Doors – Page 2 of 4

- Delete the following: Clause 1.6.1.1 in its entirety.

1.8 Reference Section 08 33 13 – Coiling Counter Doors – Page 3 of 4

- Delete the following: Clause 2.1.8 in its entirety.

1.9 Reference Section 08 87 53 – Security Films – Page 3 Of 5

- Delete the following: Clause 2.1.1.1 in its entirety.

1.10 Reference Section 26 05 00 – Common Work Results – Electrical – Page 6 Of 22

- Add the following to: Clause 1.17 (Revised Equipment)

“.2 Where existing, relocated and/or re-used equipment are found to be defective, report on the condition to the Departmental Representative for proper disposition and/or to provide replacement”.

2.0 DRAWINGS

2.1 Reference Drawing A-001

Revise: Replace in its entirety with Drawing Noted “Phasing Plan (Revised Addendum No. 2)”

2.2 Reference Drawing A-200

Revise: Refer to attached **Sketch ASK-07**

2.3 Reference Drawing A202

Revise: Refer to attached **Sketch ASK-06**

2.4 Reference Drawing A302

Add: Refer to attached **Sketch ASK-08**

2.5 Reference Drawing A400

Revise: Refer to attached **Sketch ASK-09**

2.6 Reference Drawing M-203

Revise: Refer to attached **Sketch ASK-05**

2.7 Reference Drawing M203

Add: Key Notes 19 and 20 as per Sketch **ADD-M02-MSK01**

Add: 1800 x 600mm fire damper on the existing return air louver as per attached Sketch **ADD-M02-MSK01**.

Add: 1500 x 600mm fire damper on the existing return air louver as per attached sketch **ADD-M02-MSK01**.

2.8 Reference Drawing M-401

Gas Fired Modulating Burner

Delete: Note No. 2 in its entirety.

End of Addendum No. 2

Division 7	Thermal and Moisture Protection	
07 21 19	Sprayed-In-Place Insulation	2
07 52 00	Modified Bituminous Membrane Roofing.....	9
07 62 00	Sheet Metal Flashing and Trim.....	6
07 84 00	Firestopping	5
07 92 00	Joint Sealants	6
Division 8	Openings	
08 11 00	Metal Doors and Frames	7
08 11 16	Aluminum doors and Frames	5
08 14 16	Flush Wood Doors	4
08 33 13	Coiling Counter Doors	4
08 50 00	Windows	5
08 70 05	Cabinet and Miscellaneous Hardware.....	4
08 71 00	Door Hardware	10
08 80 50	Glazing.....	6
08 87 53	Security Films	5
08 90 00	Louvers and Vents.....	6
Division 9	Finishes	
09 21 99	Partitions for Minor Works	6
09 30 13	Ceramic Tiling	7
09 51 99	Acoustical Ceilings for Minor Works	5
09 61 13	Tile Carpeting	9
09 65 99	Resilient Flooring for Minor Works	5
09 91 13	Exterior Painting	12
09 91 23	Interior Painting.....	12
Division 10	Specialties	
10 21 20	Solid Plastic Toilet Partitions	3
10 22 19	Post and Panel Demountable Partitions.....	2
10 22 20	Demountable Partitions	6
10 28 10	Toilet and Bath Accessories	5
Division 12	Furnishings	
12 24 00	Window Roller Shades	3
Division 14	Conveying Equipment	
14 20 26	Passenger Elevator	28

PART 1 - GENERAL

1.1 RELATED SECTIONS

- .1 Section 01 74 19 - Construction/Demolition Waste Management And Disposal.
- .2 Section 01 33 00 – Shop Drawings, Product Data and Samples.
- .3 Section 01 51 00 - Temporary Utilities.
- .4 Section 01 61 00 – Common Product Requirements.

1.2 REFERENCES

- .1 Underwriters' Laboratories of Canada (ULC)
 - .1 CAN/ULC-S101-04, Standard methods of fire endurance tests of Building Construction and Materials.
 - .2 CAN/ULC-S102-03, Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.
 - .3 CAN/ULC-S114 (ASTME-136) Standard method of test for determination of Non-Combustibility in Building Materials.
 - .4 CAN/ULC-S102-M88 (ASTN E-84) Standard method of test for determination of flame spread in building material.
 - .5 ASTM C-518 Standard method of test for Thermal Conductivity Test.

1.3 TEST REPORTS

- .1 Submit test reports, verifying qualities of insulation meet or exceed requirements of this specification, in accordance with Section 01 33 00 – Shop Drawings, Product Data and Samples.
- .2 Submit test reports in accordance with CAN/ULC-S101 for fire endurance and CAN/ULC-S102 for surface burning characteristics.
- .3 Submit test reports in accordance with CAN/ULC-S114 for non-combustibility.

1.4 QUALITY ASSURANCE

- .1 Applicators to conform to manufacturers Quality Assurance Program.

1.5 MOCK-UP

- .1 Construct mock-up in accordance with Section 01 33 00 – Shop Drawings, Product Data and Samples.
- .2 Construct mock-up 10 m² minimum, of spray in place urethane foam insulation including one inside corner and one outside corner. Mock-up may be part of finished work.
- .3 Allow 24 hours for inspection of mock-up by Departmental Representative before proceeding with the work.

1.6 SAFETY REQUIREMENTS

- .1 Protect workers as recommended by CAN/ULC-S705.2 and manufacturer's recommendations:
 - .1 Workplace to conform to Section 01 35 33 – Health and Safety Requirements, 01 35 43 – Environmental Procedures.

1.7 PROTECTION

- .1 Ventilate area in accordance with Section 01 51 00 - Temporary Utilities.
- .2 Ventilate area to receive insulation by introducing fresh air and exhausting air continuously during and 24 hour after application to maintain non-toxic, unpolluted, safe working conditions.
- .3 Provide temporary enclosures to prevent spray and noxious vapours from contaminating air beyond application area.
- .4 Protect adjacent surfaces and equipment from damage by overspray, fall-out, and dusting of insulation materials.

1.8 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management And Disposal.
- .2 Remove from site and dispose of all packaging materials at appropriate recycling facilities.
- .3 Collect and separate for disposal paper, plastic, polystyrene, corrugated cardboard, packaging material in appropriate on-site bins for recycling in accordance with Waste Management Plan.
- .4 Fold up metal banding, flatten and place in designated area for recycling.
- .5 Dispose of waste foam daily in location designated by Departmental Representative and decontaminate empty drums in accordance with foam manufacturer's instructions CAN/ULC-S705.2.
- .6 Divert metal drums from landfill to metal recycling facility in accordance to CAN/ULC-S705.2.

1.9 ENVIRONMENTAL REQUIREMENTS

- .1 Apply insulation only when surfaces and ambient temperatures are within manufacturers' prescribed limits.

PART 2 - PRODUCTS

2.1 MATERIALS

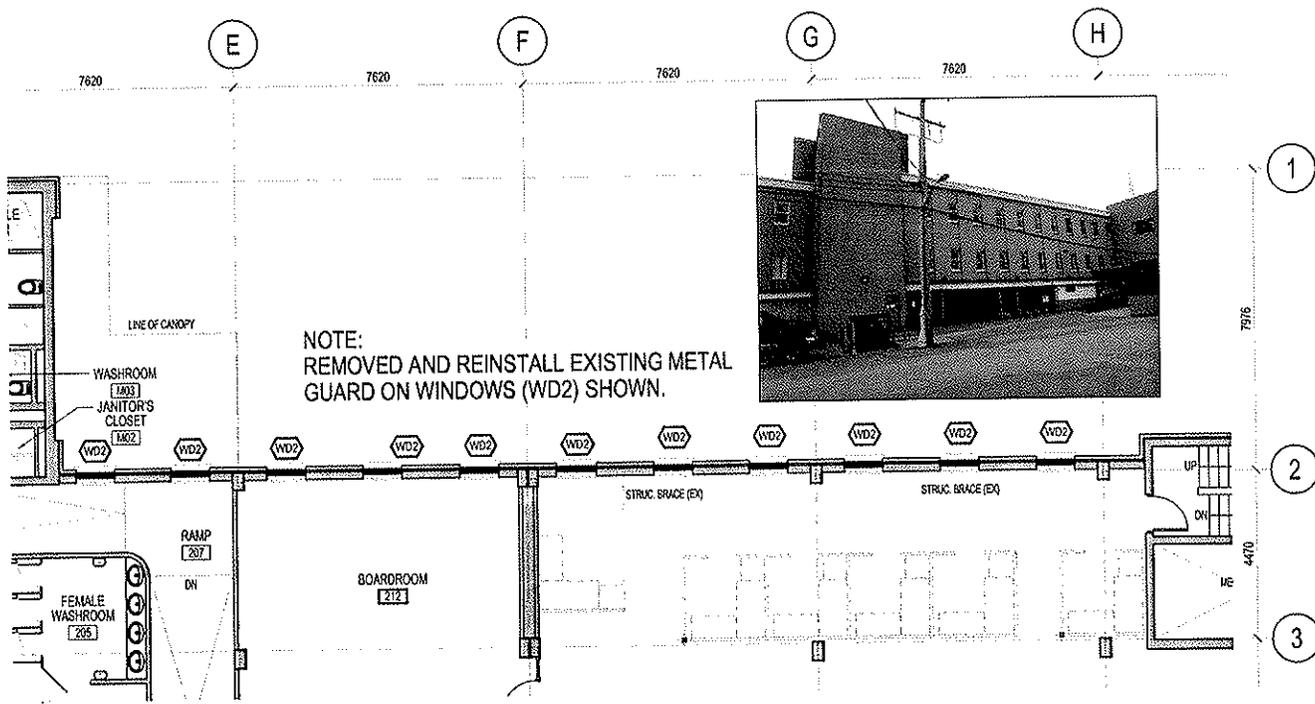
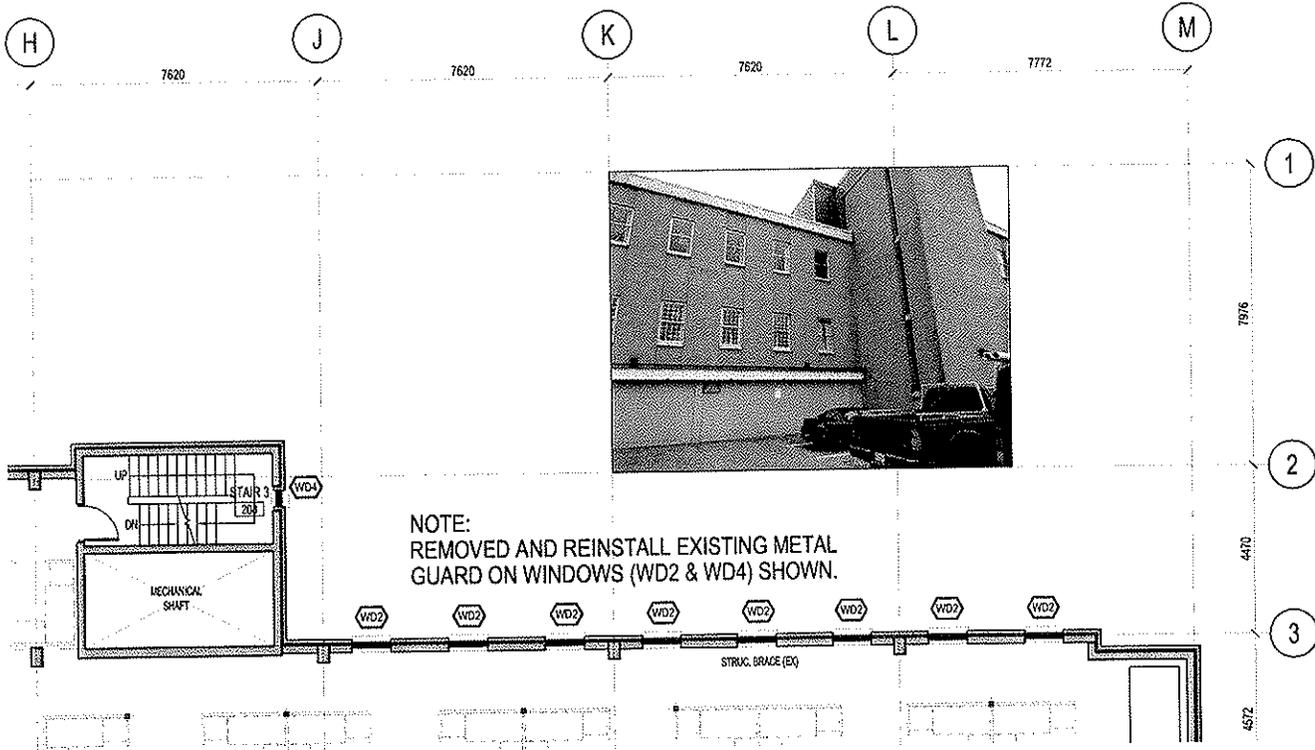
- .1 Insulation: glass fibre based spray applied thermal insulation c/w non-hazardous, water based synthetic emulsion adhesive.

PART 3 - EXECUTION

3.1 APPLICATION

- .1 Apply insulation to clean surfaces in accordance with CAN/ULC-S705.2 and manufacturer's printed instructions. Use primer where recommended by manufacturer.
- .2 Apply sprayed foam insulation in thickness 50 mm as indicated.

END OF SECTION



REF. DWG. A202



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1	ISSUED FOR ADDENDUM 2	RC	JT	13.05.15
Revision		By	Appd.	YY.MM.DD

Client/Project
 PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
 HARRY STEVENS BUILDING
 RETROFIT AND FIT-UP

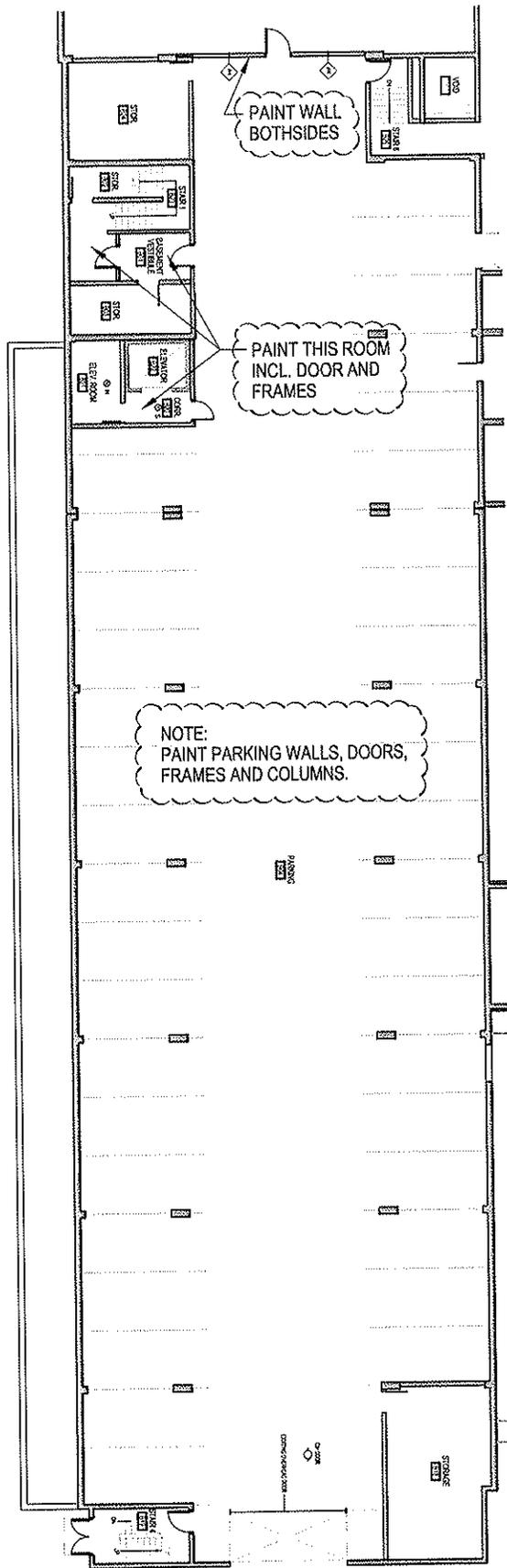
Title
 SECOND FLOOR PARTIAL PLAN
 NORTH WALL

File Name:	Project No.	Scale	RC	JT	13.05.15
	144312034	1:200	Dwn.	Chkd.	YY.MM.DD

Drawing No.	Sheet	Revision
ASK-06	-	-

144312034 HSB

REF. DWG. A200



144312034 HSB



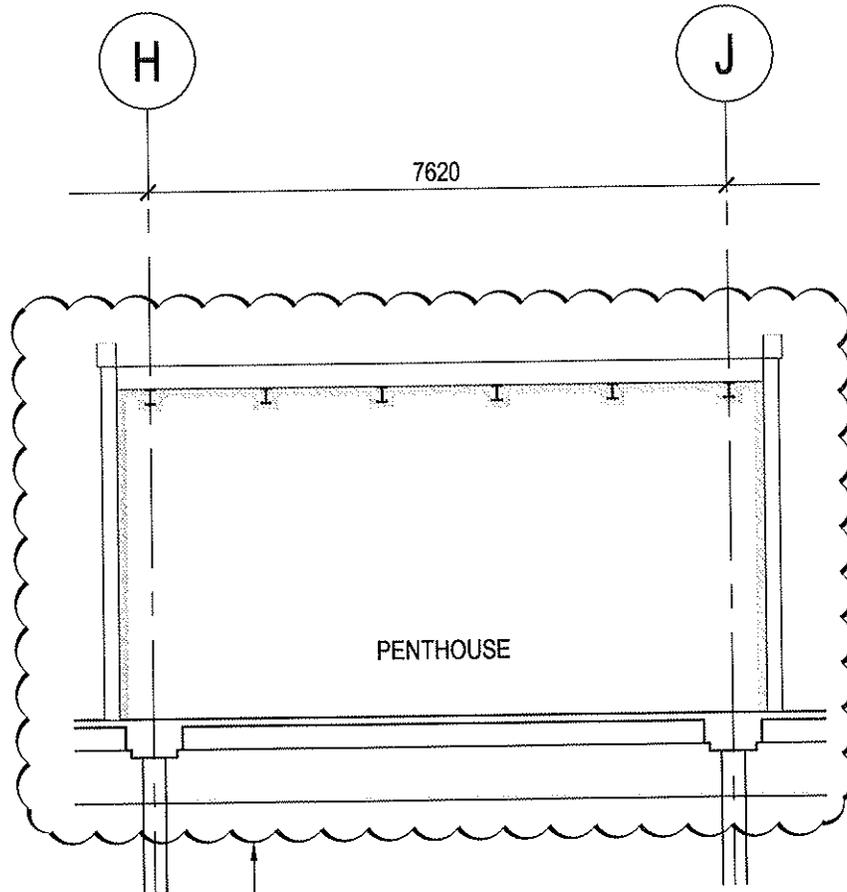
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Revision	1	ISSUED FOR ADDENDUM 2	RC	JT	13.05.15	
			By	Appd.	YY.MM.DD	
Project No.	144312034	Scale	1:300	RC	JT	13.05.15
				Dwn.	Chkd.	YY.MM.DD

Client/Project
 PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
 HARRY STEVENS BUILDING
 RETROFIT AND FIT-UP

Title		
BASEMENT FLOOR PLAN PARKING		
Drawing No.	Sheet	Revision
ASK-07	-	-

REF. DWG. A302



NOTE:
REMOVED EXISTING INSULATION
ON CEILING AND WALLS AND
REPLACED WITH NEW SPRAY
INSULATION

144312034 HSB



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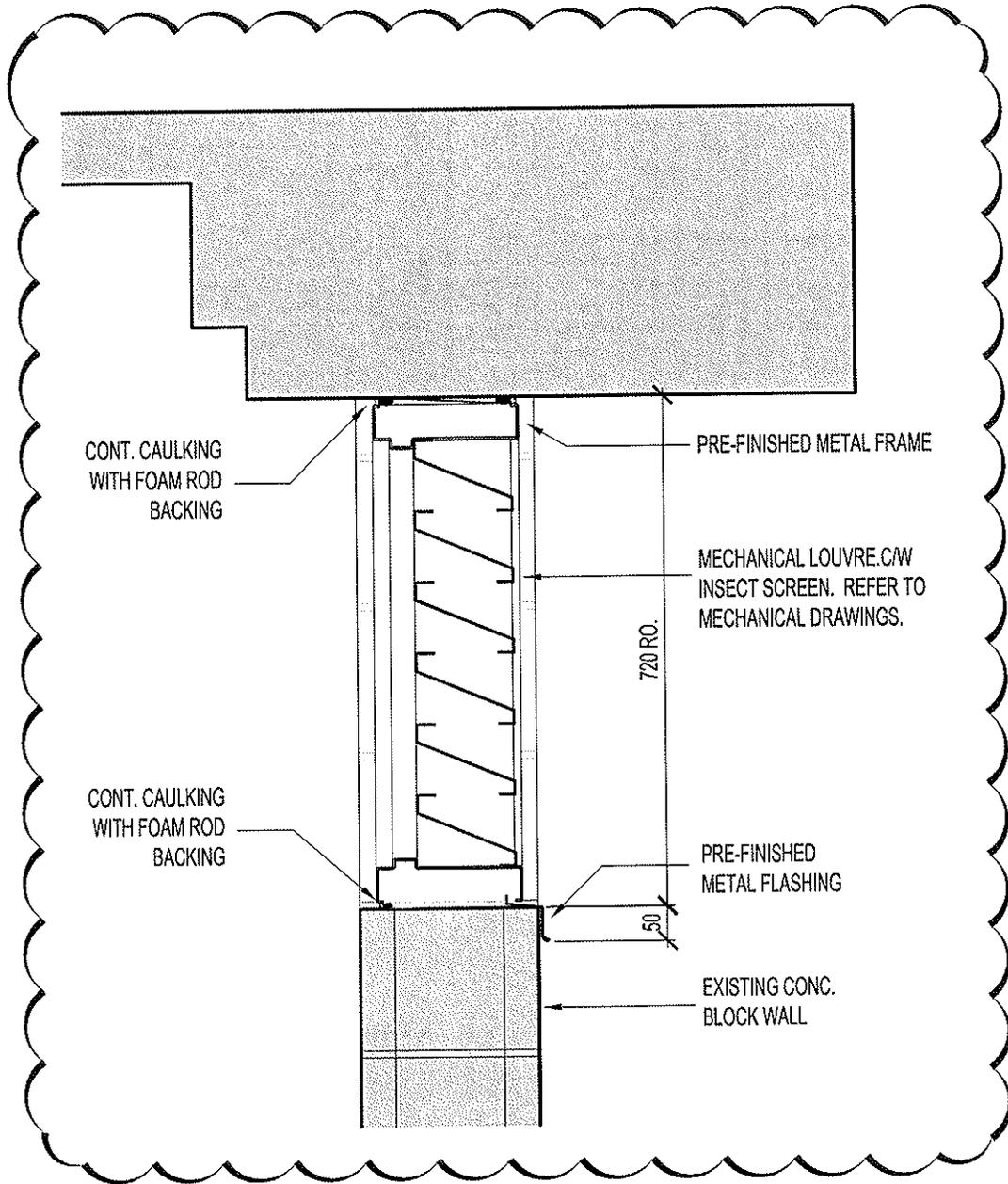
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Revision		By	Appd.	YY.MM.DD
Project No.	Scale	RC	JT	13.05.15
144312034	1:300	Dwn.	Chkd.	YY.MM.DD

Client/Project
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
HARRY STEVENS BUILDING
RETROFIT AND FIT-UP

Title		
PARTIAL SECTION PENTHOUSE		
Drawing No.	Sheet	Revision
ASK-08	-	-

File Name:

REF. DWG. A400



11 SECTION THRU MECHANICAL LOUVRE
 A400 SCALE: 1:10

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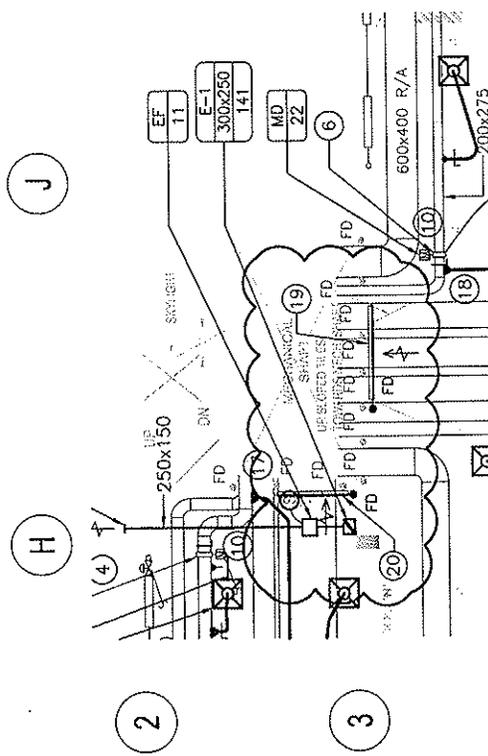
Client/Project
 PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
 HARRY STEVENS BUILDING
 RETROFIT AND FIT-UP

Title
 REVISED DETAIL # 11/A400

File Name:

Project No.	Scale	RC	JT	13.05.15
144312034	1:10	Dwn.	Chkd.	YY.MM.DD

Drawing No.	Sheet	Revision
ASK-09	-	-



PARTIAL THIRD FLOOR NEW CONSTRUCTION PLAN - HVAC

SCALE: 1:100

- 17 250ø S/A DUCT TO BE CONNECTED TO EXISTING DUCT MAIN FOR ROOM 308.
- 18 ~~250ø S/A DUCT TO BE CONNECTED TO EXISTING DUCT MAIN FOR ROOM 304.~~
- 19 EXISTING 1800X600 mm R/A LOUVER TO REMAIN, NEW FIRE DAMPER TO BE ADDED, EXACT SIZE AND LOCATION TO BE VERIFIED ON SITE.
- 20 EXISTING 1500X600 mm R/A LOUVER TO REMAIN, NEW FIRE DAMPER TO BE ADDED, EXACT SIZE AND LOCATION TO BE VERIFIED ON SITE.

GENERAL NOTES:

1. THE SKETCH FORMS PART OF THE DRAWING M-003 AND SHALL BE READ AND INTERPRETED IN CONJUNCTION WITH THE DRAWING.

ORIGINAL SHEET - 144312034 - M203 THIRD FLOOR NEW CONSTRUCTION PLAN-HVAC



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Legend

Notes

Rev: 2012
 144312034

Client/Project
 PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
 BASE BUILDING RETROFIT AND FIT-UP
 HARRY STEVENS BUILDING

Figure No.
ADD-M02-MSK01

Title
 M203-SEC. FL NEW CONST. PL-HVAC