

1 SECOND FLOOR PLAN
A101 SCALE: ÉCHELLE: 1/320

WALL TYPES			
EXTERIOR FOUNDATION			
TAG	TYPE	CONSTRUCTION	RATING
W1		<ul style="list-style-type: none">AV BARRIER FLUID APPLIED MEMBRANE WITH COMPATIBLE SHEET MEMBRANE TRANSITIONS AT ALL SEAMS AND PENETRATIONSC 100 x 4 CHANNELS BOLTED TO EXISTING WIND GIRTS THRU LINER PANEL @ 900 O.C.102 Z GIRTS 16 GAUGE @ 425 W6ALONG GIRTS WITH PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS.102 DUAL DENSITY MINERAL WOOL INSULATION BOARD BETWEEN CHANNELS + 64 DUAL DENSITY MINERAL WOOL INSULATION BOARD OVERLAPPED ACROSS CHANNELS54 ALUMINUM COMPOSITE PANEL SYSTEM	
W1A		<ul style="list-style-type: none">AV BARRIER FLUID APPLIED MEMBRANE WITH COMPATIBLE SHEET MEMBRANE TRANSITIONS AT ALL SEAMS AND PENETRATIONSC 100 x 4 CHANNELS BOLTED TO EXISTING WIND GIRTS THRU LINER PANEL @ 900 O.C.102 Z GIRTS 16 GAUGE @ 425 W6ALONG GIRTS WITH PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS.102 DUAL DENSITY MINERAL WOOL INSULATION BOARD BETWEEN CHANNELS + 64 DUAL DENSITY MINERAL WOOL INSULATION BOARD OVERLAPPED ACROSS CHANNELS54 ALUMINUM COMPOSITE PANEL SYSTEM	
W1B		<ul style="list-style-type: none">AV BARRIER SELF ADHERING SHEET MEMBRANE TO EXISTING MASONRY17 Z GIRTS 16 GAUGE @ 425 W6ALONG GIRTS WITH PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS.51 RIGID INSULATION54 ALUMINUM COMPOSITE PANEL SYSTEM	
W2		<ul style="list-style-type: none">AV BARRIER FLUID APPLIED MEMBRANE WITH COMPATIBLE SHEET MEMBRANE TRANSITIONS AT ALL SEAMS AND PENETRATIONSC 100 x 4 CHANNELS BOLTED TO EXISTING WIND GIRTS THRU LINER PANEL @ 900 O.C.102 Z GIRTS 16 GAUGE @ 2000 O.C.102 DUAL DENSITY MINERAL WOOL INSULATION BOARD BETWEEN CHANNELS + 64 DUAL DENSITY MINERAL WOOL INSULATION BOARD OVERLAPPED ACROSS CHANNELS38 PROFILED METAL PANELS	
W2A		<ul style="list-style-type: none">AV BARRIER FLUID APPLIED MEMBRANE WITH COMPATIBLE SHEET MEMBRANE TRANSITIONS AT ALL SEAMS AND PENETRATIONS127 Z GIRTS 16 GAUGE BOLTED TO EXISTING WIND GIRTS THRU LINER PANEL @ 2000 O.C.127 DUAL DENSITY MINERAL WOOL INSULATION BOARD38 PROFILED METAL PANELS	
W2B		<ul style="list-style-type: none">EXISTING STEEL THRU WALLNEW 15MM EXTERIOR GYPSUM BOARDAV BARRIER SELF ADHERING SHEET MEMBRANE17 Z GIRTS 16 GAUGE @ 425 W6ALONG GIRTS WITH PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS.127 DUAL DENSITY MINERAL WOOL INSULATION BOARD38 PROFILED METAL PANELS	
W2C		<ul style="list-style-type: none">AV BARRIER FLUID APPLIED MEMBRANE WITH COMPATIBLE SHEET MEMBRANE TRANSITIONS AT ALL SEAMS AND PENETRATIONSC 100 x 4 CHANNELS BOLTED TO EXISTING WIND GIRTS THRU LINER PANEL @ 1200 O.C.102 Z GIRTS 16 GAUGE @ 425 W6GIRTS & PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS.102 DUAL DENSITY MINERAL WOOL INSULATION BOARD BETWEEN CHANNELS + 64 DUAL DENSITY MINERAL WOOL INSULATION BOARD OVERLAPPED ACROSS CHANNELS38 PROFILED METAL PANELS	
W3			
W4		<ul style="list-style-type: none">THERMALLY BROKEN ALUM. CURTAIN WALL LOW SPANDREL PANELS	
W5		<ul style="list-style-type: none">EXISTING MASONRY WALL25MM HSS SUPPORT FRAMING3MM STEEL PLATEALL JOINTS WELDED AND SEALED	
W6		<ul style="list-style-type: none">AV BARRIER SELF ADHERING SHEET MEMBRANE TO EXISTING MASONRY127 Z GIRTS 16 GAUGE @ 2000 O.C.127 DUAL DENSITY MINERAL WOOL INSULATION BOARD38 PROFILED METAL PANELS	

3 WALL TYPES
A101 SCALE: ÉCHELLE: 1/8"


WALL TYPES			
EXTERIOR FOUNDATION			
TAG	TYPE	CONSTRUCTION	RATING
W7			
INTERIOR WALLS			
TAG	TYPE	CONSTRUCTION	RATING
P1		<ul style="list-style-type: none">16MM GYPSUM BOARD TYPE X BOTH SIDES12MM METAL STUDS @ 400 O.C. PAINT FINISH	1 HR W453
P1A		<ul style="list-style-type: none">16MM GYPSUM BOARD ONE SIDE12MM METAL STUDS @ 400 O.C. PAINT FINISH	
P2		<ul style="list-style-type: none">5mm STEEL PLATE FASTENED TO FRAMING, HSS OR STUDS, ALL SEAMS TAPEDREFER STRUCTURAL DRAWINGS.	
P3		<ul style="list-style-type: none">5mm STEEL PLATE FASTENED TO FRAMING, ALL SEAMS TAPEDREFER STRUCTURAL DRAWINGS.16MM GYPSUM FIRECORE PANELS8MM GYPSUM FIRECORE PANELS25MM GYPSUM LINER PANEL	1 HR W452 SYSTEM A
P3A		<ul style="list-style-type: none">16MM GYPSUM FIRECORE PANELS8MM GYPSUM FIRECORE PANELS25MM GYPSUM LINER PANEL	1 HR W452 SYSTEM A
ROOF CONSTRUCTION			
TAG	TYPE	CONSTRUCTION	
R1		<ul style="list-style-type: none">13MM EXTERIOR GYPSUM SHEATHINGVAPOUR BARRIER17MM POLYISOCYANURATE INSULATIONTAPERED INSULATION TO ACHIEVE MIN 1% DRAINAGE1-PLY MODIFIED BITUMEN BASE SHEET MEMBRANE1-PLY MODIFIED BITUMEN CAP SHEET MEMBRANE	
R2		<ul style="list-style-type: none">EXISTING ROOF STRUCTURE13mm ROOF SHEATHINGVAPOUR BARRIER75mm RIGID INSULATION6mm PROTECTION BOARD1-PLY MODIFIED BITUMEN BASE SHEET MEMBRANE1-PLY MODIFIED BITUMEN CAP SHEET MEMBRANE	
R3		<ul style="list-style-type: none">PRE-FINISHED METAL ROOF PANELS ON EXISTING METAL CLIPSAV BARRIER AT ALL SEAMS AND PENETRATIONSEXISTING METAL LINER PANEL	
R4		<ul style="list-style-type: none">EXISTING ROOF STRUCTURE13mm ROOF SHEATHINGVAPOUR BARRIERRIGID INSULATION - ALIGN TO EXISTINGTAPERED INSULATION - ALIGN TO EXISTING6mm PROTECTION BOARD2 PLY MODIFIED BITUMEN ROOF MEMBRANE - TIE NEW MEMBRANE INTO EXISTING	

DRAWING NOTES: ②


- EXISTING FRONT ENTRANCE TO REMAIN
- NEW METAL ROOF LADDER (CAGED)

LEGEND:


- EXISTING CONSTRUCTION TO REMAIN
- AREAS NOT IN SCOPE



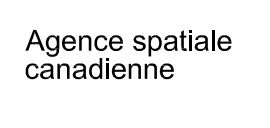
Public Works and Government Services Canada




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Canadian Space Agency




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CLELAND JARDINE
ENGINEERING LIMITED



COLE+Associates
ARCHITECTS INC.



PROFESSIONAL ASSOCIATION
OF ARCHITECTS
DINO DI SAVIO
LICENCE
7259

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2016.08.05

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3. ISSUED FOR TENDER

2016.05.09

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2015.11.17

No.

Revision

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A

C

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no. du détail

A

B

C

B location drawing no.
no. dessin no.

C

C drawing no.
dessin no.

project

DAVID FLORIDA LABORATORY
BUILDING No. 65, SHIRLEY'S BAY, ONTARIO

project

drawing

SECOND FLOOR PLAN

dessin

designed

D.S./S.J.

conçu

date

04-08-2016

drawn

B.H.M.B.

dessiné

date

04-08-2016

reviewed

B.H.

examiné

date

04-08-2016

approved

D.S.

approuvé

date

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