

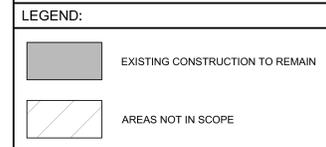
1 GROUND FLOOR PLAN  
SCALE: ÉCHELLE: 1:200

WALL TYPES	EXTERIOR FOUNDATION	INTERIOR WALLS	ROOF CONSTRUCTION
TAG	TYPE	CONSTRUCTION	RATING
W1	W1	<ul style="list-style-type: none"> <li>AV BARRIER AT ALL BEAMS AND PENETRATIONS</li> <li>C CHANNELS BOLTED TO EXISTING WIND GRTS THRU LINER PANEL</li> <li>102 Z GRTS 16 GAUGE @ 425 W</li> <li>ALUM GRTS WITH PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS</li> <li>114 CLOSED CELL FOAM (R28) INSULATION</li> <li>ALUMINUM COMPOSITE PANEL SYSTEM</li> </ul>	
W1A	W1A	<ul style="list-style-type: none"> <li>AV BARRIER AT ALL BEAMS AND PENETRATIONS</li> <li>114 Z GRTS 16 GAUGE @ 425 W</li> <li>114 Z GRTS 16 GAUGE @ 425 W</li> <li>ALUM GRTS WITH PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS</li> <li>114 CLOSED CELL FOAM (R28) INSULATION</li> <li>ALUMINUM COMPOSITE PANEL SYSTEM</li> </ul>	
W1B	W1B	<ul style="list-style-type: none"> <li>APPLY AV BARRIER TO EXISTING MASONRY</li> <li>51 Z GRTS 16 GAUGE @ 425 W</li> <li>ALUM GRTS WITH PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS</li> <li>91 INSUL INSULATION</li> <li>ALUMINUM COMPOSITE PANEL SYSTEM</li> </ul>	
W2	W2	<ul style="list-style-type: none"> <li>AV BARRIER AT ALL BEAMS AND PENETRATIONS</li> <li>C CHANNELS BOLTED TO EXISTING WIND GRTS THRU LINER PANEL</li> <li>102 Z GRTS 16 GAUGE @ 2000 O.C.</li> <li>114 CLOSED CELL FOAM (R28) INSULATION</li> <li>PROFILLED METAL PANELS</li> </ul>	
W2A	W2A	<ul style="list-style-type: none"> <li>AV BARRIER AT ALL BEAMS AND PENETRATIONS</li> <li>102 Z GRTS 16 GAUGE BOLTED TO EXISTING WIND GRTS THRU LINER PANEL @ 2000 O.C.</li> <li>114 CLOSED CELL FOAM (R28) INSULATION</li> <li>PROFILLED METAL PANELS</li> </ul>	
W2B	W2B	<ul style="list-style-type: none"> <li>EXISTING STEEL SHEATHING</li> <li>NEW 10MM EXTERIOR GYPSUM SHEATHING</li> <li>AV BARRIER AT ALL BEAMS AND PENETRATIONS</li> <li>102 Z GRTS 16 GAUGE @ 425 W</li> <li>ALUM GRTS WITH PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS</li> <li>114 CLOSED CELL FOAM (R28) INSULATION</li> <li>PROFILLED METAL PANELS</li> </ul>	
W2C	W2C	<ul style="list-style-type: none"> <li>AV BARRIER AT ALL BEAMS AND PENETRATIONS</li> <li>41 LINE STUDS @ 800 O.C.</li> <li>102 Z GRTS 16 GAUGE @ 425 W</li> <li>GRTS AT PANEL JOINTS AND STRUCTURAL PLACEMENT</li> <li>114 CLOSED CELL FOAM (R28) INSULATION</li> <li>PROFILLED METAL PANELS</li> </ul>	
W3	W3	<ul style="list-style-type: none"> <li>APPLY AV BARRIER TO EXISTING MASONRY</li> <li>127 Z GRTS 16 GAUGE @ 425 W</li> <li>ALUM GRTS WITH PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS</li> <li>114 CLOSED CELL FOAM (R28) INSULATION</li> <li>ALUMINUM COMPOSITE PANEL SYSTEM</li> </ul>	
W4	W4	<ul style="list-style-type: none"> <li>THERMALLY BROKEN ALUM CURTAINWALL C/W SPANDREL PANELS</li> </ul>	
W5	W5	<ul style="list-style-type: none"> <li>EXISTING MASONRY WALL</li> <li>30MM HSS SUPPORT FRAMING</li> <li>3MM STEEL PLATE</li> <li>ALL JOINTS WELDED AND SEALED</li> </ul>	
W6	W6	<ul style="list-style-type: none"> <li>APPLY AV BARRIER TO EXISTING MASONRY</li> <li>102 Z GRTS 16 GAUGE @ 2000 O.C.</li> <li>114 CLOSED CELL FOAM (R28) INSULATION</li> <li>PROFILLED METAL PANELS</li> </ul>	

3 WALL TYPES  
SCALE: ÉCHELLE: INT.

WALL TYPES	EXTERIOR FOUNDATION	INTERIOR WALLS	ROOF CONSTRUCTION
TAG	TYPE	CONSTRUCTION	RATING
W7	W7	<ul style="list-style-type: none"> <li>EXISTING WALL</li> <li>10MM GYPSUM SHEATHING</li> <li>127 Z GRTS 16 GAUGE @ 425 W</li> <li>ALUM GRTS WITH PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS</li> <li>114 CLOSED CELL FOAM (R28) INSULATION</li> <li>ALUMINUM COMPOSITE PANEL SYSTEM</li> </ul>	
P1	P1	<ul style="list-style-type: none"> <li>10MM GYPSUM BOARD TYPE X BOTH SIDES</li> <li>30MM METAL STUDS @ 400 O.C. PAINT FINISH</li> </ul>	1 HR W453
P1A	P1A	<ul style="list-style-type: none"> <li>10MM GYPSUM BOARD ONE SIDE</li> <li>30MM METAL STUDS @ 400 O.C.</li> <li>PAINT FINISH</li> </ul>	
P2	P2	<ul style="list-style-type: none"> <li>3mm STEEL PLATE FASTENED TO FRAMING, HSS OR STUDS. ALL SEAMS TAPED.</li> <li>REFER STRUCTURAL DRAWINGS.</li> </ul>	1 HR W202 SYSTEM A
P3	P3	<ul style="list-style-type: none"> <li>3mm STEEL PLATE FASTENED TO FRAMING, ALL BEAMS TAPED.</li> <li>REFER STRUCTURAL DRAWINGS</li> <li>10MM GYPSUM FIRECORE PANELS</li> <li>30MM CH CHANNELS</li> <li>25MM GYPSUM LINER PANEL</li> </ul>	1 HR W202 SYSTEM A
P3A	P3A	<ul style="list-style-type: none"> <li>10MM GYPSUM FIRECORE PANELS</li> <li>30MM CH CHANNELS</li> <li>25MM GYPSUM LINER PANEL</li> </ul>	1 HR W202 SYSTEM A
R1	R1	<ul style="list-style-type: none"> <li>13MM EXTERIOR GYPSUM SHEATHING</li> <li>VAPOUR BARRIER</li> <li>127MM POLYISOCYANURATE INSULATION</li> <li>30MM ROOF SHEATHING</li> <li>VAPOUR BARRIER</li> <li>10MM ROOF INSULATION</li> <li>6mm PROTECTION BOARD</li> <li>1-PLY MODIFIED BITUMEN BASE SHEET MEMBRANE</li> <li>1-PLY MODIFIED BITUMEN CAP SHEET MEMBRANE</li> </ul>	
R2	R2	<ul style="list-style-type: none"> <li>EXISTING ROOF STRUCTURE</li> <li>13mm ROOF SHEATHING</li> <li>VAPOUR BARRIER</li> <li>10MM ROOF INSULATION</li> <li>6mm PROTECTION BOARD</li> <li>1-PLY MODIFIED BITUMEN BASE SHEET MEMBRANE</li> <li>1-PLY MODIFIED BITUMEN CAP SHEET MEMBRANE</li> </ul>	
R3	R3	<ul style="list-style-type: none"> <li>PRE-FINISHED METAL ROOF PANELS ON EXISTING METAL CLIPS</li> <li>127MM POLYISOCYANURATE INSULATION</li> <li>AV BARRIER AT ALL BEAMS AND PENETRATIONS</li> <li>EXISTING METAL LINER PANEL</li> </ul>	
R4	R4	<ul style="list-style-type: none"> <li>EXISTING ROOF STRUCTURE</li> <li>13mm ROOF SHEATHING</li> <li>VAPOUR BARRIER</li> <li>HSS INSULATION - ALIGN TO EXISTING</li> <li>TAPED INSULATION - ALIGN TO EXISTING</li> <li>6mm PROTECTION BOARD</li> <li>1-PLY MODIFIED BITUMEN ROOF MEMBRANE - THE NEW MEMBRANE INTO EXISTING.</li> </ul>	

- DRAWING NOTES:**
- EXISTING FRONT ENTRANCE TO REMAIN
  - EXTENDED STRUCTURE ABOVE
  - EXTEND EXISTING WALLS TO NEW EXTERIOR FACE. MATCH EXISTING CONSTRUCTION. PAINT FINISH
  - NEW OVERHEAD ROLLER DOOR AND TRACKS
  - RE-PAINT EXISTING METAL STAIRS
  - RE-PAINT EXISTING OVERHEAD DOOR
  - NEW WALL AND DOOR LOCATION
  - INTERIOR ANECHOIC CHAMBER WORK UNDER SEPERATE SCOPE
  - INTERIOR RF CONTROL ROOM WORK UNDER SEPERATE SCOPE
  - RELOCATED MECHANICAL UNIT. REFER MECH DRAWINGS
  - NEW CONCRETE PAD FOR RELOCATED MECHANICAL UNIT. REFER MECH DRAWINGS
  - NEW CARPET FLOORING AND UNDERLAY
  - INFILL SHAFT AREA
  - AMC PANEL PLACEMENT



Public Works and Government Services Canada / Travaux publics et services gouvernementaux Canada

Canadian Space Agency / Agence spatiale canadienne

Pageau Morel & Associés Inc. / Pageau Morel & Associés Inc.

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**COLE+Associates ARCHITECTS INC.**

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5.		
4.	ISSUED FOR ADDENDUM #1	2016.07.26
3.	ISSUED FOR TENDER	2016.05.09
2.	ISSUED FOR 99% REVIEW	2016.02.05
1.	ISSUED FOR 66% REVIEW	2015.11.17

ONTARIO ASSOCIATION OF ARCHITECTS  
DIVISION 10  
LICENSED  
7309

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

drawing: GROUND FLOOR PLAN

designed	D.S./S.J	concu
date	04-08-2016	
drawn	B.H.M.B	dessine
date	04-08-2016	
reviewed	B.H.	examine
date	04-08-2016	
approved	D.S.	approve
date	04-08-2016	
scale	as noted	
project no.	CSA15-G1	no. du projet
drawing no.	A-100	no. du dessin