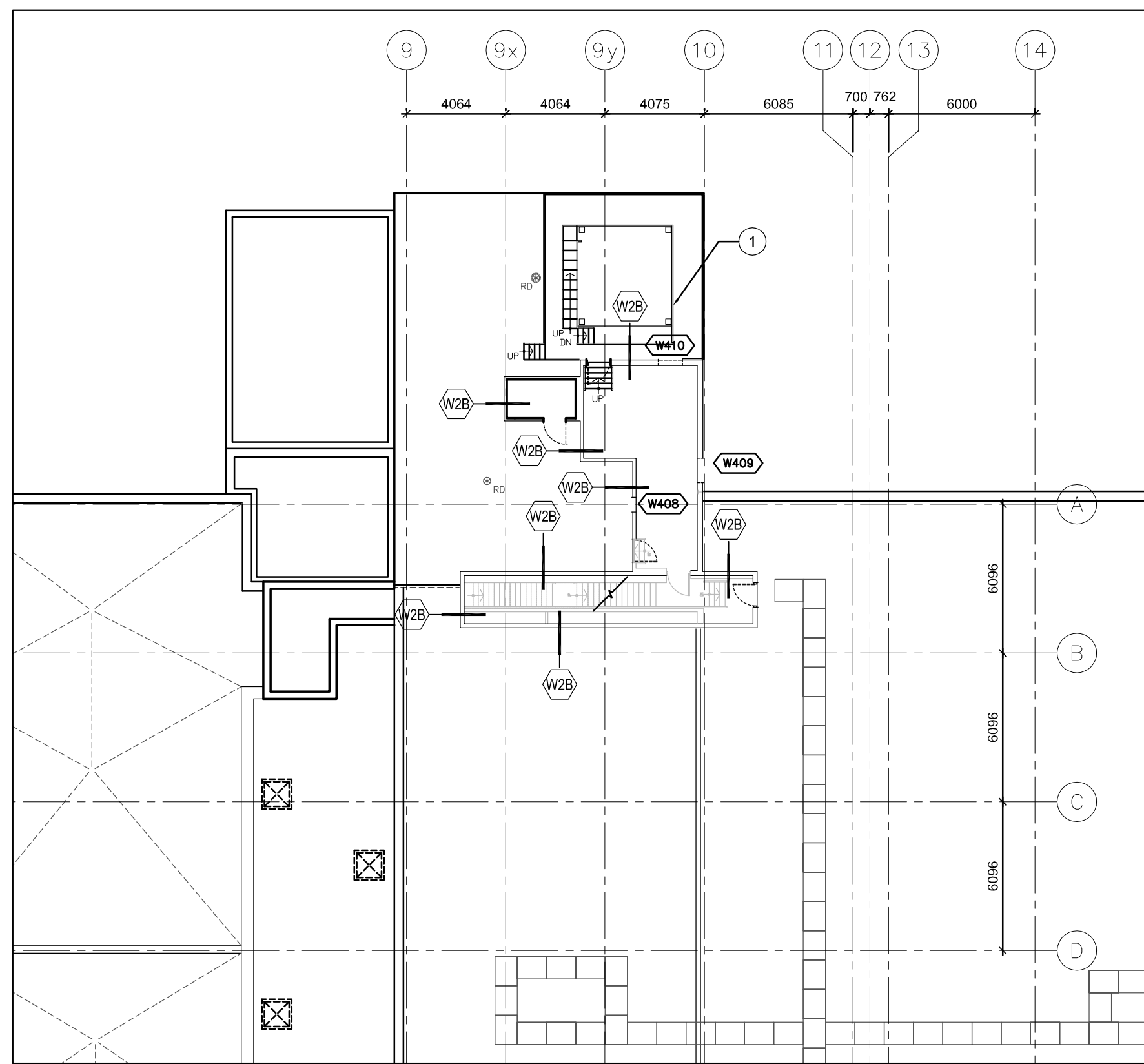


1 FOURTH FLOOR PLAN
SCALE / ÉCHELLE: 1/320



2 PENTHOUSE FLOOR PARIAL PLAN
SCALE / ÉCHELLE: 1/320

WALL TYPES			
EXTERIOR FOUNDATION			
TAG	TYPE	CONSTRUCTION	RATING
W1		• AVY BARRIER AT ALL SEAMS AND PENETRATIONS • C CHANNELS BOLTED TO EXISTING WIND GIRTS THRU LINER PANEL • 102 Z GIRTS 16 GAUGE @ 405 O.C. • ALON GIRTS WITH PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS. • 114 CLOSED CELL FOAM (R20) INSULATION • ALUMINUM COMPOSITE PANEL SYSTEM	
W1A		• AVY BARRIER AT ALL SEAMS AND PENETRATIONS • 41 LINE STRUTS @ 405 O.C. • 102 Z GIRTS 16 GAUGE @ 405 O.C. • GIRTS AT PANEL JOINTS AND STRUCTURAL PLACEMENT. • 114 CLOSED CELL FOAM (R20) INSULATION • ALUMINUM COMPOSITE PANEL SYSTEM	
W1B		• APPLY AVY BARRIER TO EXISTING MASONRY • 102 Z GIRTS 16 GAUGE @ 405 O.C. • ALON GIRTS WITH PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS. • 51 RIGID INSULATION • ALUMINUM COMPOSITE PANEL SYSTEM	
W2		• AVY BARRIER AT ALL SEAMS AND PENETRATIONS • C CHANNELS BOLTED TO EXISTING WIND GIRTS THRU LINER PANEL • 102 Z GIRTS 16 GAUGE @ 200 O.C. • 114 CLOSED CELL FOAM (R20) INSULATION • PROFILED METAL PANELS	
W2A		• AVY BARRIER AT ALL SEAMS AND PENETRATIONS • 127 Z GIRTS 16 GAUGE BOLTED TO EXISTING WIND GIRTS THRU LINER PANEL @ 200 O.C. • 114 CLOSED CELL FOAM (R20) INSULATION • PROFILED METAL PANELS	
W2B		• EXISTING STEEL STUD PANEL • 18MM EXTERIOR GYPSUM SHEATHING • AVY BARRIER AT ALL SEAMS AND PENETRATIONS • 102 Z GIRTS 16 GAUGE @ 405 O.C. • ALON GIRTS WITH PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS. • 114 CLOSED CELL FOAM (R20) INSULATION • PROFILED METAL PANELS	
W2C		• AVY BARRIER AT ALL SEAMS AND PENETRATIONS • 41 LINE STRUTS @ 405 O.C. • 102 Z GIRTS 16 GAUGE @ 405 O.C. • GIRTS AT PANEL JOINTS AND STRUCTURAL PLACEMENT. • 114 CLOSED CELL FOAM (R20) INSULATION • PROFILED METAL PANELS	
W3		• APPLY AVY BARRIER TO EXISTING MASONRY • 102 Z GIRTS 16 GAUGE @ 405 O.C. • ALON GIRTS WITH PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS. • 114 CLOSED CELL FOAM (R20) INSULATION • ALUMINUM COMPOSITE PANEL SYSTEM	
W4		• THERMALLY BROKEN ALUM CURTAINWALL C/W SPANDREL PANELS	
W5		• EXISTING MASONRY WALL • 25MM HSS SUPPORT FRAMING • 3MM STEEL PLATE • ALL JOINTS WELDED AND SEALED	
W6		• APPLY AVY BARRIER TO EXISTING MASONRY • 127 Z GIRTS 16 GAUGE @ 200 O.C. • 114 CLOSED CELL FOAM (R20) INSULATION • PROFILED METAL PANELS	

3 WALL TYPES
SCALE / ÉCHELLE: 1/320

WALL TYPES			
EXTERIOR FOUNDATION			
TAG	TYPE	CONSTRUCTION	RATING
W7		• EXISTING STEEL STUD PANEL • 18MM EXTERIOR GYPSUM SHEATHING • AVY BARRIER AT ALL SEAMS AND PENETRATIONS • 102 Z GIRTS 16 GAUGE @ 405 O.C. • ALON GIRTS WITH PANEL JOINTS AS SHOWN ON ELEVATIONS AND COORDINATE WITH PLACEMENT OF NEW STRUCTURAL MEMBERS. • 114 CLOSED CELL FOAM (R20) INSULATION • ALUMINUM COMPOSITE PANEL SYSTEM	
WALL TYPES			
INTERIOR WALLS			
TAG	TYPE	CONSTRUCTION	RATING
P1		• 18MM GYPSUM BOARD TYPE X BOTH SIDES • 50MM METAL STUDS @ 400 O.C. PAINT FINISH	1 HR W453
P1A		• 18MM GYPSUM BOARD ONE SIDE • 50MM METAL STUDS @ 400 O.C. • PAINT FINISH	
P2		• 3mm STEEL PLATE FASTENED TO FRAMING, HSS OR STUDS. ALL SEAMS TAPED. • REFER STRUCTURAL DRAWINGS.	
P3		• 3mm STEEL PLATE FASTENED TO FRAMING. ALL SEAMS TAPED. • REFER STRUCTURAL DRAWINGS. • 18MM GYPSUM PRECORE PANELS • 6MM C/H CHANNELS • 25MM GYPSUM LINER PANEL	1 HR W452 SYSTEM A
P3A		• 18MM GYPSUM PRECORE PANELS • 6MM C/H CHANNELS • 25MM GYPSUM LINER PANEL	1 HR W452 SYSTEM A
ROOF CONSTRUCTION			
TAG	TYPE	CONSTRUCTION	
R1		• 13MM EXTERIOR GYPSUM SHEATHING • VAPOUR BARRIER • 120MM POLYISOCYANURATE INSULATION • TAPERED INSULATION TO ACHIEVE MIN 1% • 6MM PROTECTION BOARD • 1-PLY MODIFIED BITUMEN BASE SHEET MEMBRANE • 1-PLY MODIFIED BITUMEN CAP SHEET MEMBRANE	
R2		• EXISTING ROOF STRUCTURE • 13mm ROOF SHEATHING • VAPOUR BARRIER • 75mm RIGID INSULATION • 6MM PROTECTION BOARD • 1-PLY MODIFIED BITUMEN BASE SHEET MEMBRANE • 1-PLY MODIFIED BITUMEN CAP SHEET MEMBRANE	
R3		• PRE-FINISHED METAL ROOF PANELS ON EXISTING METAL CLIPS • 120MM POLYISOCYANURATE INSULATION • AVY BARRIER AT ALL SEAMS AND PENETRATIONS • EXISTING METAL LINER PANEL	
R4		• EXISTING ROOF STRUCTURE • 13mm ROOF SHEATHING • VAPOUR BARRIER • RIGID INSULATION - ALON TO EXISTING • TAPERED INSULATION - ALON TO EXISTING • 6MM PROTECTION BOARD • 2 PLY MODIFIED BITUMEN ROOF MEMBRANE - TIE NEW MEMBRANE INTO EXISTING	

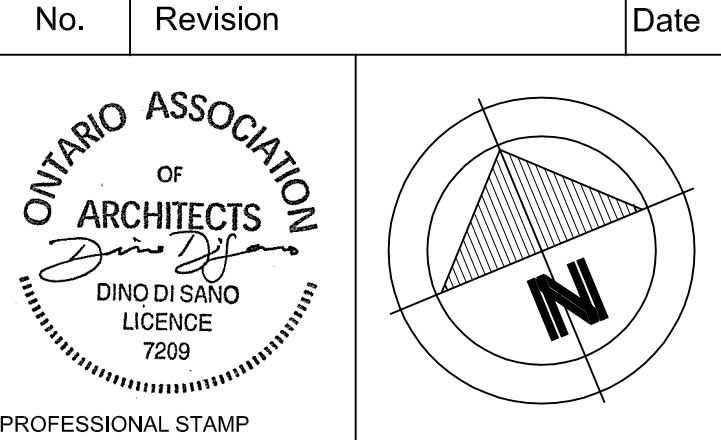
- DRAWING NOTES: ①
① EXISTING ROOF ACCESS REPAIR
② EXISTING FRONT ENTRY N.I.C.
③ NEW METAL ROOF LADDER (CAGED)

LEGEND:

EXISTING CONSTRUCTION TO REMAIN

AREAS NOT IN SCOPE

5.		
4.	ISSUED FOR ADDENDUM #1	2016.07.26
3.	ISSUED FOR TENDER	2016.05.09
2.	ISSUED FOR 99% REVIEW	2016.02.08
1.	ISSUED FOR 66% REVIEW	2015.11.17



A	A detail no. no. du détail	A
C	B location drawing no. sur dessin no.	B C
	C drawing no. dessin no.	

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

BUILDING ENVELOPE REFIT
PROJECT

drawing
FOURTH FLOOR PLAN
PENTHOUSE 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.	approuve
date	04-08-2016	
scale	as noted	

project no.
CSA15-G1

drawing no.
A-103