



- 1) ALL WORK SHALL CONFORM TO THE 2012 BRITISH COLUMBIA BUILDING CODE.
- 2) REPORT ANY DISCREPANCIES BETWEEN THE ASSUMED SITE CONDITIONS AND THE ARCHITECTURAL & MECHANICAL DRAWINGS AND STRUCTURAL SKETCHES IMMEDIATELY TO THE CONSULTANT.
- 3) REFER TO MECHANICAL DRAWINGS FOR THE EXACT LOCATION OF THE FUME HOOD DUCT.
- 4) THE FRAMING SHOWN CAN BE LOCATED IN ANY BAY OF THE TYPICAL PENTHOUSE STEEL FRAMING SYSTEM PROVIDING THE FUME HOOD IS PLACED IN THE GAP OF THE ROOF OPENING.
- 5) REMOVE EXISTING ROOF MATERIALS AS REQUIRED TO INSTALL AND ANCHOR THE NEW ANGLE BRACE FRAMING INCLUDING THE BACK AND BASE SUPPORT FRAME.
- 6) REFER TO THE ARCHITECTURAL DRAWINGS FOR INSTRUCTIONS ON REINSTATING THE MEMBRANE/ENVELOPE AT ANY LOCATION WHERE THIS HAS BEEN COMPROMISED.
- 7) SUBMIT SHOP DRAWINGS FOR OUR REVIEW. THESE DRAWINGS DO NOT NEED TO BE STAMPED/SEALED BY AN ENGINEER. THEY WILL BE CHECKED FOR CONFORMANCE WITH THE DETAILS ONLY. SITE VERIFY ALL DIMENSIONS.
- 8) COORDINATE THE SIZE OF THE 1/8" QUARTER AND HALF STRAP WITH THE ACTUAL FLUE SIZE.
- 9) IF REQUIRED BY THE FUME STACK MANUFACTURER, ALLOW FOR RUBBER GASKET AT THE STRAP TIES. FIT SHOULD BE SNUG TO PROVIDE ADEQUATE SEISMIC RESTRAINT.
- 10) STRUCTURAL STEEL MATERIALS TO CONFORM TO CSA C330-G40.20 AND CAN/CSA-G40.21 04 GRADE 300W FOR FLAT BAR AND CHANNELS, 350W FOR W AND HSS SECTIONS, UNLESS OTHERWISE NOTED.
- 11) ALL EXTERIOR STEEL SHALL BE GALVANIZED.
- 12) ALL WELDS TO BE FINISHED SMOOTH AND TO BE FREE OF LATENCE.
- 13) ALL BOLTS, NUTS, WASHERS ARE TO CONFORM TO ASTM-A325 AND ARE TO BE GALVANIZED.
- 14) INSTALL ALL ANCHOR BOLTS AS PER MANUFACTURER'S SPECIFICATIONS.
- 15) ALL WELDING SHALL CONFORM TO CSA W47.1 AND WELDERS ARE TO BE CERTIFIED UNDER DIVISION 1 OR 2.1
- 16) THE FUME HOOD DUCT STACK FRAMING IS DESIGNED FOR A WIND LOAD OF  $Q_1/50 = 0.48 \text{ kN/m}^2$  INCLUDING VORTEX SHEDDING
- 17) NOTIFY CONSULTANT WITH AT LEAST 24 HOURS NOTICE TO ENABLE HIM TO CARRY OUT NECESSARY SITE REVIEWS.

THE  
COLBORNE  
ARCHITECTURAL  
GROUP  
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2	05.11.14	ISSUED FOR DEVELOPMENT PERMIT				AM
1	07.10.14	ISSUED FOR CLIENT REVIEW				AM
No	DD.MM.YY RATE	REVISION				BY
CLIENT						



PROJECT TITLE

UBC MACMILLAN BUILDING  
FUMEHOODS  
2357 Main Mall,  
Vancouver  
B.C. V6T 1Z4

DRAWING TITLE

STRUCTURAL SKETCHES

DATE August 7, 2014	SHEET NO.
SCALE	<b>S1</b>
AS NOTED	
DRAWN AM	
REVIEWED SQ	
C&G PROJ. NO. <b>1403</b>	CAD FILENAME 1403-S1 STRUCTURAL SHEET

