PARK ENTERPRISES LTD.
PERMITS & INSPECTION SERVICES

9.36: Trade-off Calculator

9.36.2.11 Worksheet
(2016/06)

Alberta Building Code 2014 Article 9.36.2.11
Worksheet for Building Envelope Trade-Off

Project Name:		Building Permit Number (Completed Internally)
Project Address:		
Applicant Name:		
Applicant Address:		

Trade-off Calculations for Above-ground Building Envelope Assemblies

Description or Identification of Building Envelope Assembly	Opaque Portions			Fenestration Portions			Area of Assembly in Reference Building: A_{ir}, (m^2)	Area of Assembly in Proposed Building: A_{ip}, (m^2)	Minimum Allowable Thermal Resistance of Assembly in Reference Building (prescriptive values): R_{ir} (m^2•K)/W	Thermal Resistance of Assembly in Proposed Building: R_{ip} (m^2•K)/W	A_{ir} / R_{ir} (W/K)	A_{ip} / R_{ip} (W/K)
	Wall	Roof	Floor	Fenestration	Door	Skylight						
Fenestration Trade offs are limited to fenestration on the same elevation. Please indicate which elevation contains the fenestration being calculated											North ☐	South ☐ East ☐ West ☐
											0	0
											0	0
											0	0
											0	0
											0	0
											0	0
											0	0
											0	0
											0	0
											0	0
TOTALS:							**0**	**0**			0	0

Is building envelope compliant with simple trade-off path? (A_{ip} / R_{ip} ≤ total A_{ir} / R_{ir} and A_{ip} = A_{ir})

Yes

The areas used in the above calculation shall be clearly indicated on the accompanying drawings.