

妙法寺劉金龍中學

MADAM LAU KAM LUNG SECONDARY
SCHOOL OF MIU FAT BUDDHIST
MONASTERY

Test Report - Solar Control Film

Date: 19 NOV 2013

Window Film Specification

Visible Light 可見光：80%

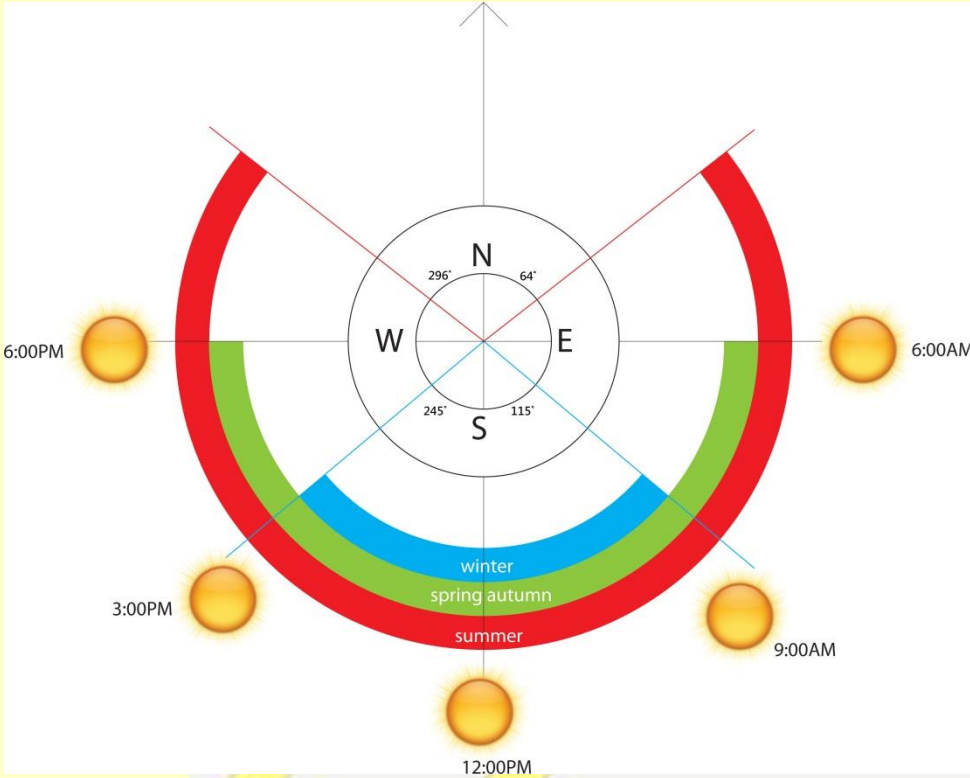
Ultraviolet rejected 紫外線反
射： >99%

Solar Energy rejected 太陽熱能反
射： >44%

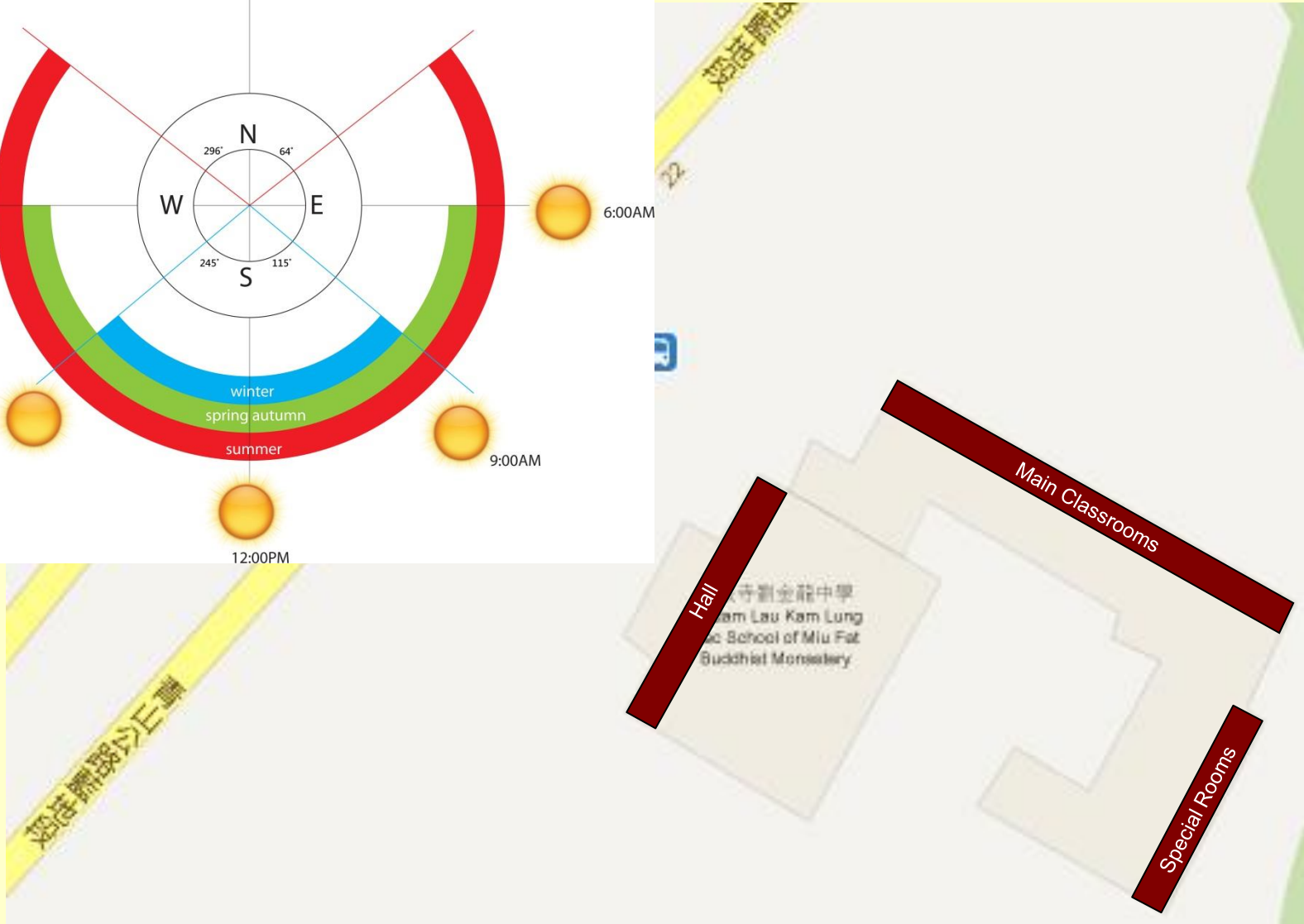
Solar Control Film (continue...)



Location of School (G/F – 6/F)



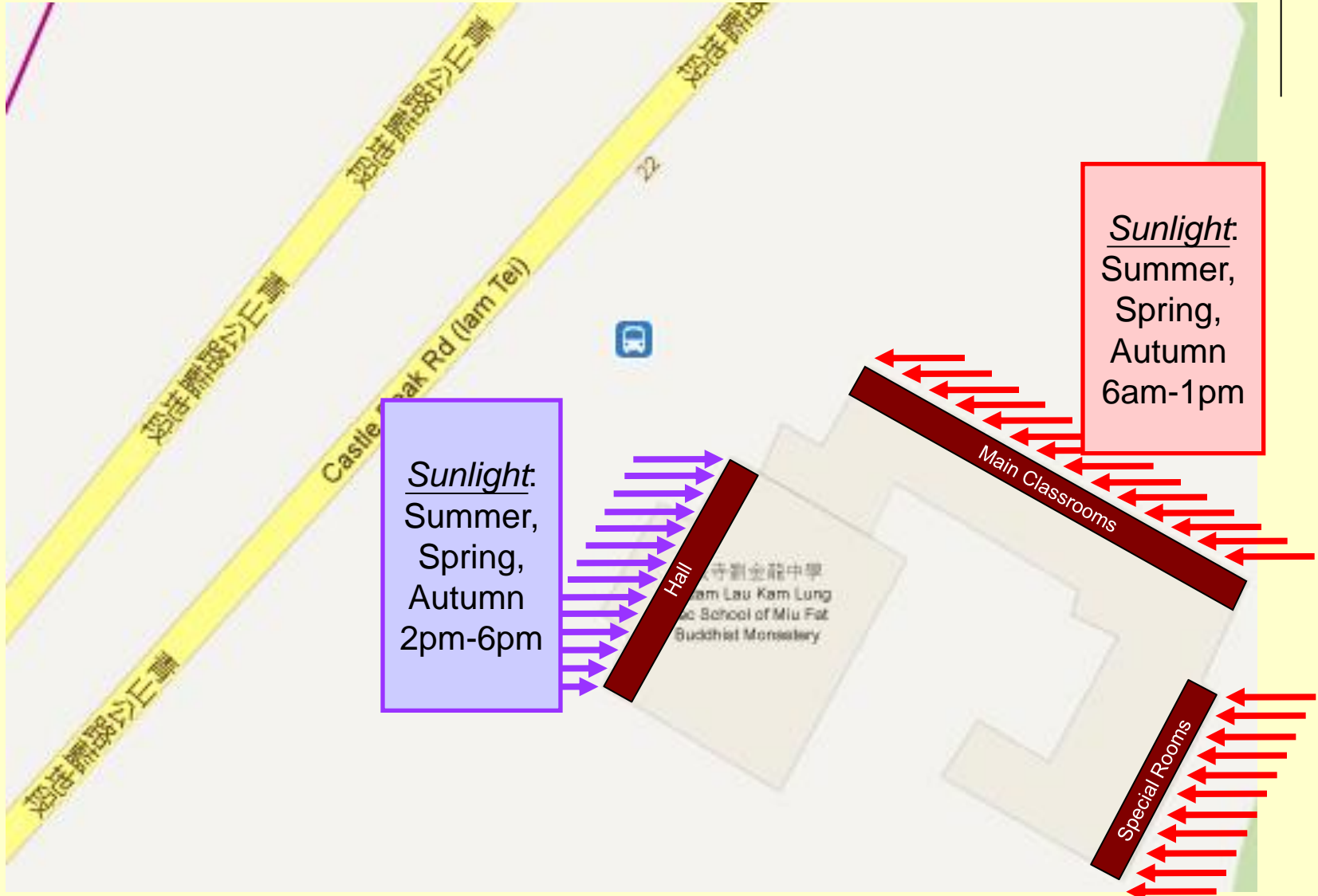
Window Locations = 





Location of School (G/F – 6/F)

Window Locations =



Detail of Testing day

Date: 19th NOV,2013

Temperature: 21°C

UV: 3

Film model: CXP80

Total Solar Energy Rejected: 44%

Visible Light Transmittance: 80%

***The different between with and without window film will not so big Due to the external factor (weather) affects



Solar Heat Test: *Before VS* After Solar Film install

Without Window Film

Sunlight:
Date: 11 Nov, 2013



Power meter:
BTU



Solar Heat Test: *Before VS* After Solar Film install

With Window Film

Solar Film (CXP 80)



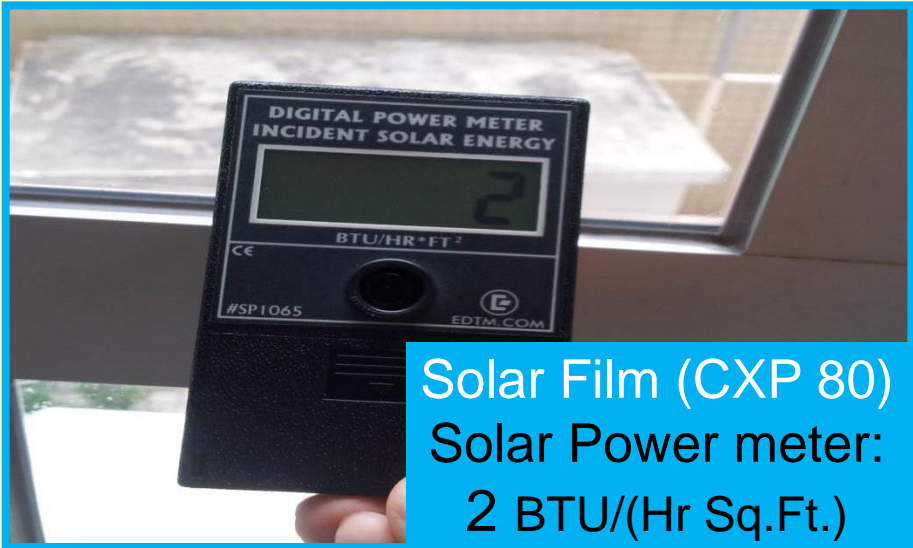
Power meter:
BTU



Solar Heat Test: *Before VS* After Solar Film install



Without Window Film
Solar Power meter:
12 BTU/(Hr Sq.Ft.)



Solar Film (CXP 80)
Solar Power meter:
2 BTU/(Hr Sq.Ft.)

Total Energy Rejected:
83%

*** The different between with and without window film will not be so big Due to the external factor (weather) affects