











ROOF DESIGN LOADS:
DEAD LOAD = 0.8kPa
SNOW LOAD = SEE SNOW LOAD DIAGRAM ON DRAWING
A-103
WIND LOAD = 0.9 kPa (DOWNWARD)
NET FACTORED WIND UPLIFT (TRUSS DESIGN) = 1.6 kPa
NEW FACTORED WIND UPLIFT (SHEATHING)
-MIDDLE ZONE = 2.35 kPa
-EDGE ZONE = 3.68 kPa

DEFLECTION CRITERIA:
TOTAL LOAD = L/240
SNOW LOAD = L/300

THESE ARE DESIGN ASSUMPTIONS AND NEED TO BE
VERIFIED BY THE ENGINEER THAT STAMPS THE TRUSS
DRAWINGS. THE TRUSS ENGINEER WILL NEED TO CONFIRM
THESE ASSUMPTIONS ARE ADEQUATE FOR THIS PROJECT.

ANCHOR RODS: FOR NEW ROOF ANCHORAGE TO EXISTING
PARAPET/WALL CONNECTION.
-STANDARD OF ACCEPTANCE: ANCHOR ROD HAS,
19mmx305mm BY HILTI, OR APPROVED EQUAL
-ALLOW FOR 455mm DEEP ANCHORS IF REQUIRED
AFTER REVIEW OF SITE CONDITIONS.

TRUSS DESIGN TO BE SIGNED AND STAMPED BY A
PROFESSIONAL ENGINEER. REFER TO SPECIFICATION SECTION
06 17 53

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REVISIONS		
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N		

AS NOTED

NOVEMBER 2015

NOVA SCOTIA

STRUCTURAL DETAILS

PROJECT
Prince of Wales Tower

Point Pleasant Park

APPROVED

CLIENT
Parks Canada

PROJECT NO. 151-09746-00

S-101