



Snow Accumulation by Year - Ottawa (Source: Ottawa Weatherstats.ca)																									
Year Start	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Year End	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Snow Accumulation (cm)	274.6	202.8	246.5	223.8	388.9	376.1	419.3	302.8	374.1	169.1	113.1	103.2	277.4	366.4	174.8	312.9	254.4	247.4	269.2	159.6	171.8	263.1	200.2	155.1	
Average Snowfall (cm)	2.786	2.028	2.465	2.238	3.889	3.761	4.193	3.028	3.741	1.691	1.131	1.032	2.774	3.664	1.748	3.129	2.544	2.474	2.692	1.596	1.718	2.631	2.002	1.551	
222.81																									

Gross Area "Parking & Roads" (m <sup>2</sup> )	34,166	Compacted Snow to Store (m <sup>3</sup> )	13,618	Adjacent Area req'd for storage (m <sup>2</sup> )	5,009	Target Snow Storage Ratio (Gross / Area Req'd)	6.8
Max Snow Stacking Height (m)	2	Road and Parking					
Seasonal Melt Factor	20%						

- LEGEND:**
- NORTH WEST (ZONE 1)
  - SOUTH EAST (ZONE 5B AND 4)
  - LOADING DOCKS (ZONE 3 PARKING)
  - MAIN PLAZA (ZONE 2)
  - ROAD A & B
  - SOUTH WEST (ZONE 5A)
  - SNOW MELT AREAS

MAIN STORAGE AND REMOVAL AREAS	
<b>NORTH WEST (ZONE 1)</b>	AREA (m <sup>2</sup> )
ROADWAY AND PARKING	6342
STORAGE & REMOVAL AREA (HARDSCAPE)	1304
TOTAL STORAGE AREA	7646
RATIO OF STORAGE TO SURFACE	4.79
<b>SOUTH EAST (ZONE 5B AND 4)</b>	AREA (m <sup>2</sup> )
ROADWAY AND PARKING	10247
STORAGE & REMOVAL AREA (HARDSCAPE)	1179
TOTAL STORAGE AREA	11426
RATIO OF STORAGE TO SURFACE	8.69
<b>LOADING DOCKS (ZONE 3 PARKING)</b>	AREA (m <sup>2</sup> )
ROADWAY AND PARKING	6385
STORAGE & REMOVAL AREA (HARDSCAPE)	346
TOTAL STORAGE AREA	6731
RATIO OF STORAGE TO SURFACE	18.45
<b>MAIN PLAZA (ZONE 2)</b>	AREA (m <sup>2</sup> )
ROADWAY AND PARKING	2365
SNOW MELT	2050
SNOW STORAGE	0
<b>ROAD A &amp; B</b>	AREA (m <sup>2</sup> )
ROADWAY AND PARKING	4416
SNOW STORAGE	0
<b>SOUTH WEST (ZONE 5A)</b>	AREA (m <sup>2</sup> )
ROADWAY AND PARKING	2511
SNOW STORAGE	0
<b>TOTAL PRIMARY AREA</b>	34166
<b>TOTAL STORAGE AREA</b>	2929
<b>TOTAL RATIO OF SURFACE TO STORAGE</b>	12.08
<b>OTHER AREAS</b>	
HEARSE PARKING (LOADING DOCKS)	AREA (m <sup>2</sup> )
ROADWAY AND PARKING	125
SNOW MELT	130
<b>WEST ENTRANCE</b>	AREA (m <sup>2</sup> )
ROADWAY TO BE UTILIZED AND CLEARED AS PER STANDARD CITY REQUIREMENTS	183

**PROJECT:** THE OTTAWA HOSPITAL NEW CAMPUS DEVELOPMENT - PHASE 4 MAIN HOSPITAL BUILDING  
 900 CARLING AVE., OTTAWA, ONTARIO

**CLIENT:** The Ottawa Hospital / L'Hôpital d'Ottawa

**CONSTRUCTION:** PCL / EllisDon

**CLIENT PROJECT NO:** 1070002

**KEY PLAN:** TRUE NORTH / PROJECT NORTH

**REVISIONS:**

NO.	REVISION	DATE
04	SITE PLAN CONTROL, RESUBMISSION	2026-01-12
03	90% DD SUBMISSION	2025-08-19
02	SITE PLAN CONTROL, RESUBMISSION	2025-08-05
01	65% DD SUBMISSION	2025-08-05
N/A	ISSUED	

**DRAWING STATUS:** NOT FOR CONSTRUCTION

**DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. THIS DRAWING IS PROTECTED BY COPYRIGHT. ALL DIMENSIONS ARE SHOWN IN METRIC.**

**AUTHOR:** WSP

**PROJECT TEAM:** DESIGN BUILDER: POLIED A JOINT VENTURE; ARCHITECTURAL: PARKIN ARCHITECTS LIMITED; STRUCTURAL: STEPHENSON ENGINEERING LTD.; MECHANICAL: H.H. ANGUS & ASSOCIATES LTD.; ELECTRICAL: MULVEY & BANANI INTERNATIONAL INC.; CIVIL: WSP CANADA INC.; LANDSCAPE: VERTEDES DESIGN INC.

**AUTHOR PROJECT NO:** CA0027758.0-51

**DRAWN:** B. NANDAL / **CHECKED:** C. GRAHAM

**SCALE:** AT 47° 48' / **DATE:** 2024-02-26

**GRAPHIC SCALE:** 1:500

**DRAWING NO:** T7-800 / **REV NO:** 04

**DRAWING TITLE:** SNOW STORAGE

PLOT DATE: 2024-02-26  
 PLOT DATE: 2024-02-26  
 PLOT DATE: 2024-02-26