

An aerial photograph of a cityscape, likely New York City, featuring a prominent green rooftop garden in the foreground. The garden is filled with various plants and vegetables, and is surrounded by a white concrete wall. In the background, the dense urban skyline is visible under a dramatic, cloudy sky with a hint of sunset or sunrise. The title text is overlaid on the top half of the image.

# Growing UP! Green Rooftops on Campus

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# U of S Law Building



<https://www.google.ca/search?q=university+of+saskatchewan+law+building+rooftop+garden>



# Stadium Parkade – Pilot Project 2014



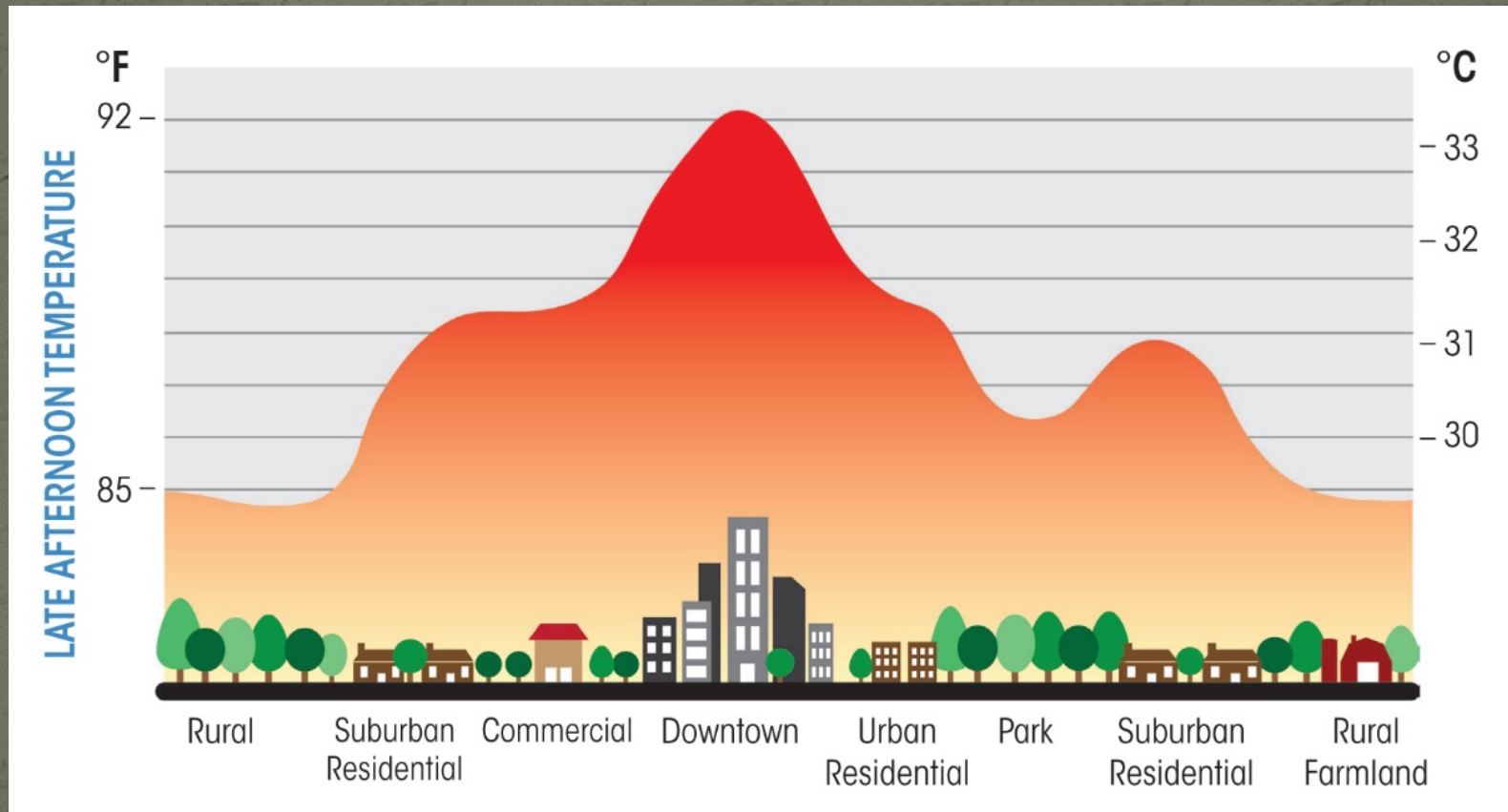




# Why Grow UP?



# Heat Island Effect



<https://www.google.ca/search?q=heat+island+effect>

# Design:

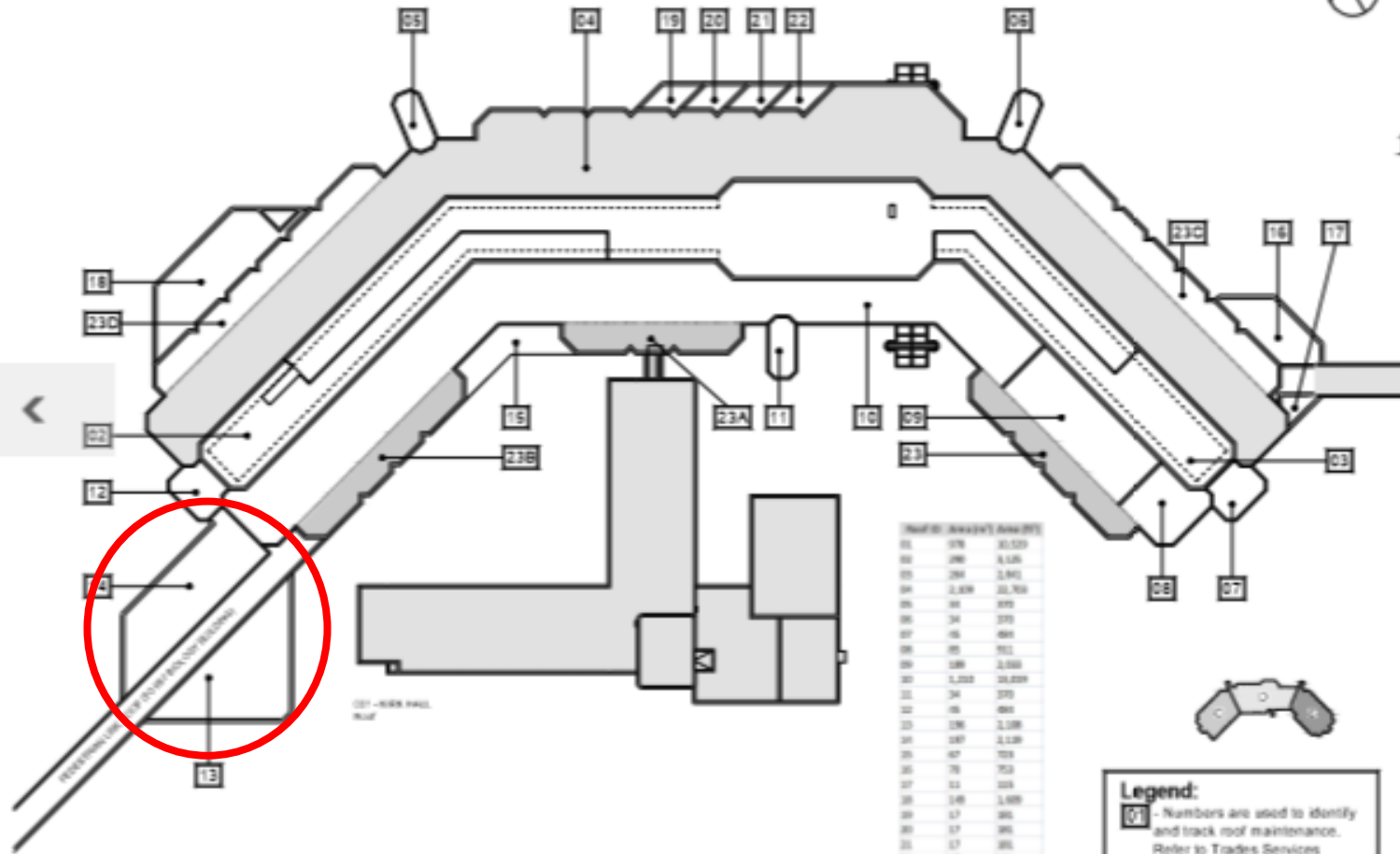
- Rain water capture
  - Less water usage
- Soil medium
  - 70% Perlite 30% Compost
- Plants will be grown in:
  - 55Gallon barrels
  - 5Gallon pails





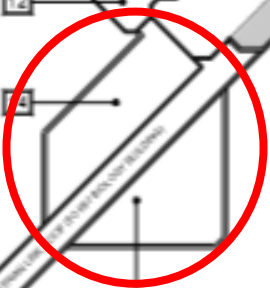


030 - AGRICULTURE BUILDING  
Reference Floor Plans



ROOM NO.	AREA (SQ. METERS)	AREA (SQ. FT.)
01	376	4,059
02	280	3,024
03	284	3,061
04	2,828	30,709
05	34	365
06	34	365
07	16	172
08	25	271
09	126	1,366
10	1,222	13,209
11	34	365
12	16	172
13	126	1,366
14	127	1,379
15	17	183
16	75	813
17	11	118
18	148	1,605
19	17	183
20	17	183
21	17	183
22	17	183
23	126	1,366

**Legend:**  
 - Numbers are used to identify and track roof maintenance. Refer to Trades Services Manager for specifications.



007 - NEW PAVEL ROOF

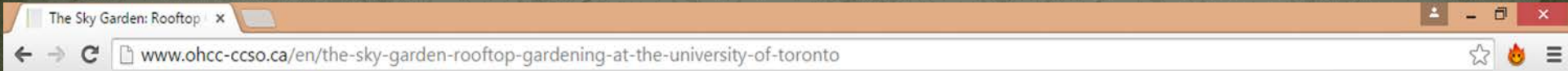


# Costs:

Item	Price
Bioriginal Barrel	\$5.00
5 Gallon Pail	Free
Perlite	\$25.00
Compost	Free



# Raise Public Awareness



## Ontario Healthy Communities Coalition Coalition des Communautés en santé de l'Ontario

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Our mission is to create innovative solutions to meet community challenges and build strong, equitable and sustainable communities through education, engagement and collaboration

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### The Sky Garden: Rooftop Gardening at the University of Toronto

With their heads in the books, most students have little time left for cooking, let alone gardening. Most students are reliant on pre-package and restaurant food and have little chance to connect to food sources, especially among students who live in the city. The Sky Garden at the University of Toronto attempts to change students' relationship to food and to gardening. As the first Canadian campus rooftop garden, the Sky Garden provides students with an opportunity to take a break from the books, enjoy some fresh air, and grow and eat fresh organic produce.

The Sky Garden blossomed in 2010 when three University of Toronto

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# Educational Opportunities



UNIVERSITY OF  
SASKATCHEWAN

- Engineering
- Agriculture
- Business



# Environmental Benefits

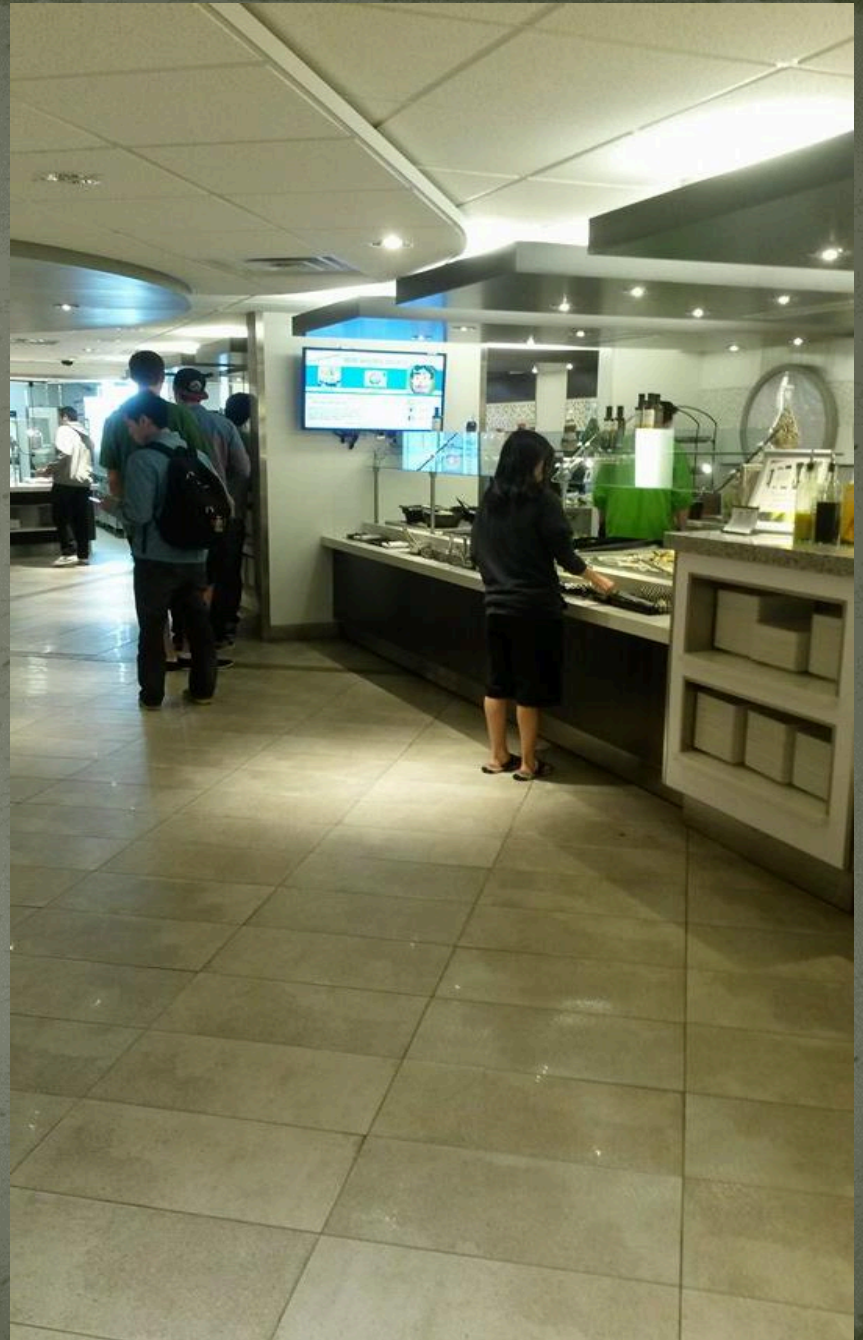




# Local Food Production













# Acknowledgements:

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Thank-You