

FOURTH FLOOR GREEN ROOF PLAN

SCALE 1 : 50

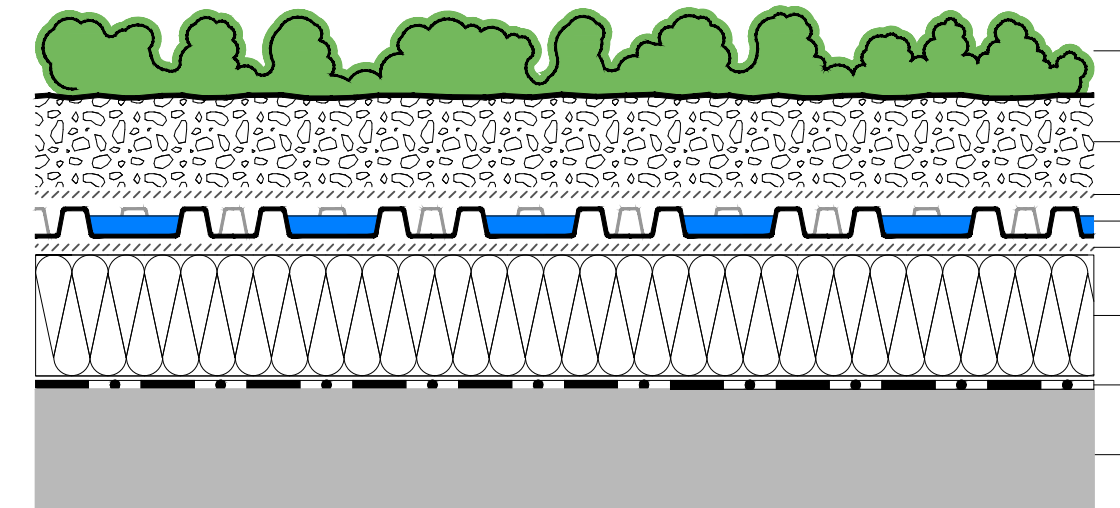
CODE	QNTY	COMMON NAME	BOTANICAL NAME	SIZE	FORM	SPACING	DETAIL	NOTES
GROUND COVER								
Sed	175 m2	STONECROP VEGETATION	Sedum (Mixed species)	1 gal	plugs	20/m2	n/a	Full form / Container grown

PLANT LIST

REFER TO PLANTING NOTES AND DETAILS ON LP-3

**SEDUM PLANTINGS**  
 Greenroof as per detail on this page  
 Build up Height: 80-100mm  
 Growing Medium: Zincoblend-E (60-80mm)  
 Filter Sheet: SF  
 Fixodrain: FD 20  
 Protection Mat: TVG 21  
 Root Barrier: WSF 40  
 Saturated Weight: 102 kg/m<sup>3</sup>  
 Retention Capacity 37-44Ltr/m<sup>2</sup>  
 \*ITEMS SPECIFIED ARE TO BE SUPPLIED BY ZINCO CANADA AND INSTALLED AS PER MANUFACTURERS SPECIFICATIONS OR APPROVED EQUAL.

- 1 Plant material - Sedum Species
- 2 Growing medium ZnCo Blend-E. Depth: 60 - 80 mm
- 3 ZnCo filter sheet SF (attached to Fixodrain)
- 4 Drain and water storage element ZnCo Fixodrain® XD 20
- 5 ZnCo diffusion membrane TGV 21
- 6 XPS rigid insulation
- 7 Root barrier ZnCo WSF40
- 8 Roof surface with waterproofing membrane



Notes:

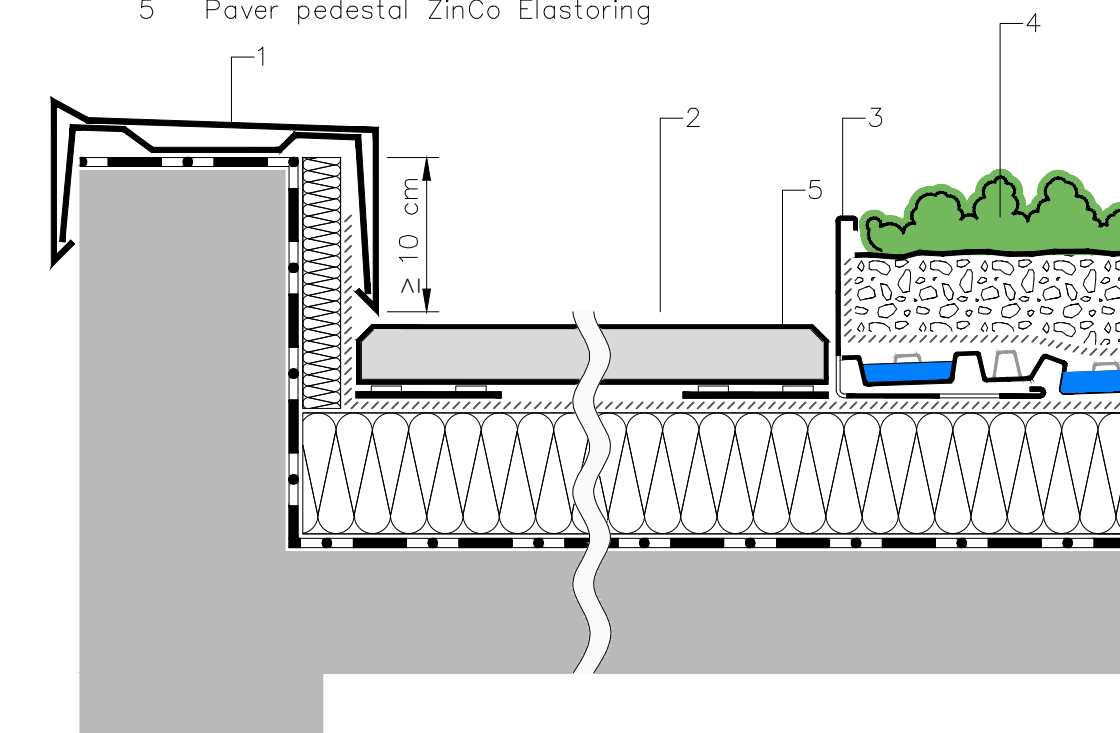
This detail is particular for the ZnCo Green Roof system to use. The roof construction and the waterproofing are not specified as this can vary.

NOTE: ITEMS SPECIFIED ARE TO BE SUPPLIED BY ZINCO CANADA AND INSTALLED AS PER MANUFACTURERS SPECIFICATIONS OR APPROVED EQUAL.

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GREEN ROOF ASSEMBLY DETAIL

- 1 Coping
- 2 TYP. 600x600mm concrete paver
- 3 Separation element ZnCo KL60/80 (Optional)
- 4 System build-up:
  - Roof Surface
  - Waterproofing membrane
  - ZnCo root barrier WSF40
  - XPS rigid insulation
  - ZnCo diffusion membrane TGV 21
  - Drain and water storage element ZnCo Fixodrain® XD 20
  - ZnCo filter sheet SF (attached to Fixodrain)
  - Growing medium ZnCo Blend-E. Depth: 60 - 80 mm
  - Plant material - Sedum Species
- 5 Paver pedestal ZnCo Elastoring



Notes:

This detail is particular for the ZnCo Green Roof system to use. The roof construction and the waterproofing are not specified as this can vary.

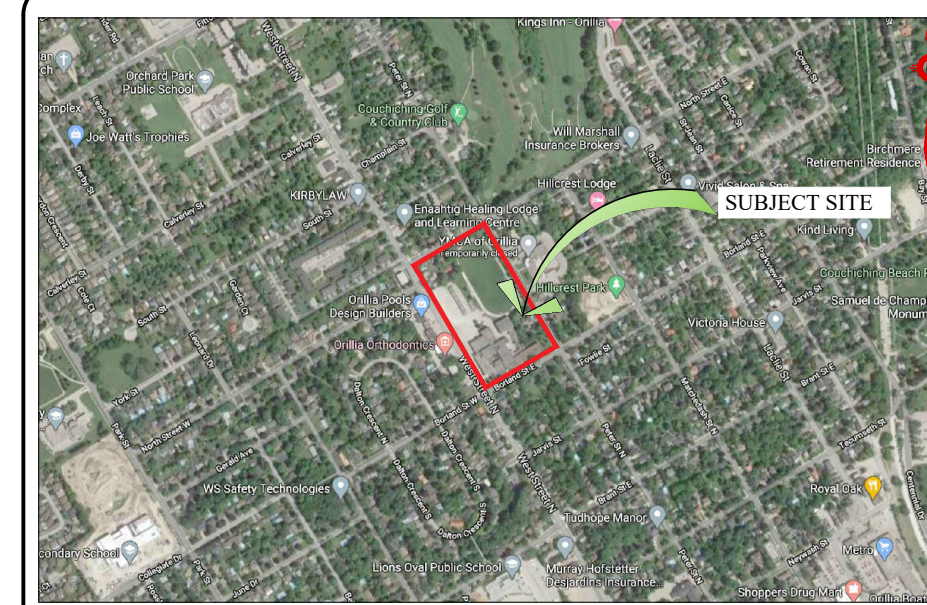
NOTE: ITEMS SPECIFIED ARE TO BE SUPPLIED BY ZINCO CANADA AND INSTALLED AS PER MANUFACTURERS SPECIFICATIONS OR APPROVED EQUAL.

PARAPET PAVERS ARE TO BE 600mm x 600mm CONCRETE PATIO SLABS SET ON ROOF WITH ZINCO SPACERS.

FOR ROOF SURFACE MATERIAL REFER TO ARCHITECTURAL DRAWINGS

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PARAPET PAVERS DETAIL



KEY MAP

N.T.S.

GENERAL NOTES

CONTRACTOR IS RESPONSIBLE FOR ALL LOCATES INCLUDING ALL UNDERGROUND SERVICES PRIOR TO ANY EXCAVATION OR INSTALLATIONS. THE CONTRACTOR IS REQUIRED TO NOTIFY THE VARIOUS UTILITY COMPANIES 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK.

ANY ACCOMPANYING DOCUMENTATION RELATING TO THE LANDSCAPE PLAN AND/OR PRESERVATION PLAN SUCH AS TENDER DOCUMENTS AND CHANGE NOTICES ARE TO BE ENDORSED BY J.D.B. ASSOCIATES LIMITED PRIOR TO THE BEGINNING OF ANY SITE WORKS. IN THE EVENT THAT OF A DISCREPANCY THE DRAWING SHALL BE ASSUMED CORRECT.

IT IS THE RESPONSIBILITY OF THE PERSON OR PERSONS RESPONSIBLE FOR THE CONSTRUCTED WORKS TO NOTIFY THE LANDSCAPE ARCHITECT WHEN PREPARED FOR ANY REQUIRED INSPECTIONS AND SIGN OFFS.

SCHEDULED MEETINGS SHALL TAKE PLACE AT THE CLOSEST MUTUALLY CONVENIENT TIME.

No.	REVISION	DATE	APRVD.
1.	SUBMITTED FOR SPA	November 13, 2020	SJT

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BASE INFORMATION PROVIDED BY:  
 MCLARCHITECTS  
 48 ALLIANCE BLVD, UNIT 110 BARRE, ONTARIO  
 L4M 5K3 WWW.MCLARCHITECTS.CA

BASE PLAN REVISED: September 2020

LANDSCAPE ARCHITECTS STAMP  
 STAMP AND SIGNATURE VOID IF REPRODUCED

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SIMCOE COUNTY SERVICE CAMPUS - ORILLIA  
 2 BORLAND STREET EAST, ORILLIA, ON

FOURTH FLOOR GREEN ROOF PLAN

SCALE:	DATE:	DESIGNED BY:	REVIEWED BY:
1:50	October 7, 2020	MC	NB
CITY FILE No.	OUR FILE REF. #	DRAWN BY:	
	24-20	MC	LP-6