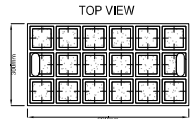
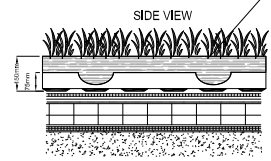
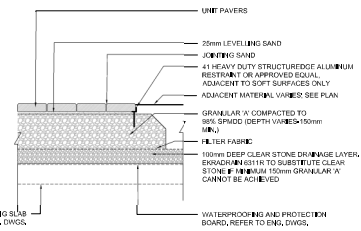


ROOF TERRACE  
SCALE: 1:100



INTENSIVE ROOF TRAY SYSTEM  
BY LIVEROOF OR APPROVED EQUAL.  
REFER TO ARCHITECTURAL DRAWINGS FOR  
ROOF MEMBRANE.

NOTES  
1. ALL DIMENSIONS IN MILLIMETERS  
2. REFER TO PLAN AND PAVING LAYOUT DETAILS, SHEET L01, FOR PAVEMENT TYPES AND LOCATION

1 CONCRETE UNIT PAVING - ON SLAB  
L-02 NTS

2 INTENSIVE ROOF TRAY SYSTEM  
L-02 NTS

### LiveRoof Tough Extreme Mix

**Design Intent:** Low maintenance, Extra durable plants that resist extreme heat and cold, and smother the soil like no others.

- Foliage:** Evergreen and Deciduous, deep green, yellowish green, and blue green.
- Flowers:** Yellow and white with accents of pink.
- Systems:** X-Lite, Lite, Standard

#### Base Plants

1	J F H A R J J A S O N Sedum album 'Coral Carpet'
2	J F H A R J J A S O N Sedum bartramiaefolium 'Water Cherry Red'
3	J F H A R J J A S O N Sedum hybridum 'Wintergranatblau'
4	J F H A R J J A S O N Sedum endivifolium 'Stratum'
5	J F H A R J J A S O N Sedum sparganium 'Rosarium'
6	J F H A R J J A S O N Sedum spectabile

#### Accent Plants

Recommended density = 1 per every 2 modules

1	J F H A R J J A S O N Allium triquetrum 'Summer Beauty'
2	J F H A R J J A S O N Sedum kamtschaticum 'Tulakra Ode'
3	J F H A R J J A S O N Sedum spectabile 'Neon'

**PLANT LIST**

ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
<b>TREES</b>					
Ac	3	Amelanchier canadensis	Serviceberry	45mm caliper	WB, Multi-Stem
SrP	3	Syringa reticulata 'Ivory Pillar'	Ivory Pillar Tree Lilac	45mm dia.	WB Staked
<b>SHRUBS</b>					
SbA	15	Spiraea x bumalda 'Anthony Waterer'	Anthony Waterer Spiraea	50cm ht.	Potted, 0.6 m o.c.
SJM	9	Spiraea japonica 'Flaming Mound'	Flaming Mound Spiraea	50cm ht.	Potted, 0.6 m o.c.
<b>PERENNIALS</b>					
CaK	12	Calamagrostis acutiflora 'Karl Foerster'	Feather Reed Grass	2 gal.	Potted 0.6m o.c.
FgE	29	Festuca glauca 'Elijah Blue'	Grasses	2 gal.	Potted 0.3m o.c.
HsO	12	Hemerocallis 'Stella D'Oro'	Stella D'Oro Daylily	2 gal.	Potted, 0.5m o.c.

**Ruhland & Associates Ltd**  
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Ph: 604.293.4242 Fax: 604.293.1021 info@ruha.ca www.ruha.ca

6			
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1	Issued for Site Plan Control		
DATE	2018.04.07	SCALE	AS SHOWN
DESIGNED BY	M RUHLAND	CHECKED BY	M RUHLAND
DRAWN BY	J K / T F		
SCALE: 1:100			

ARCHITECT CONSULTANT

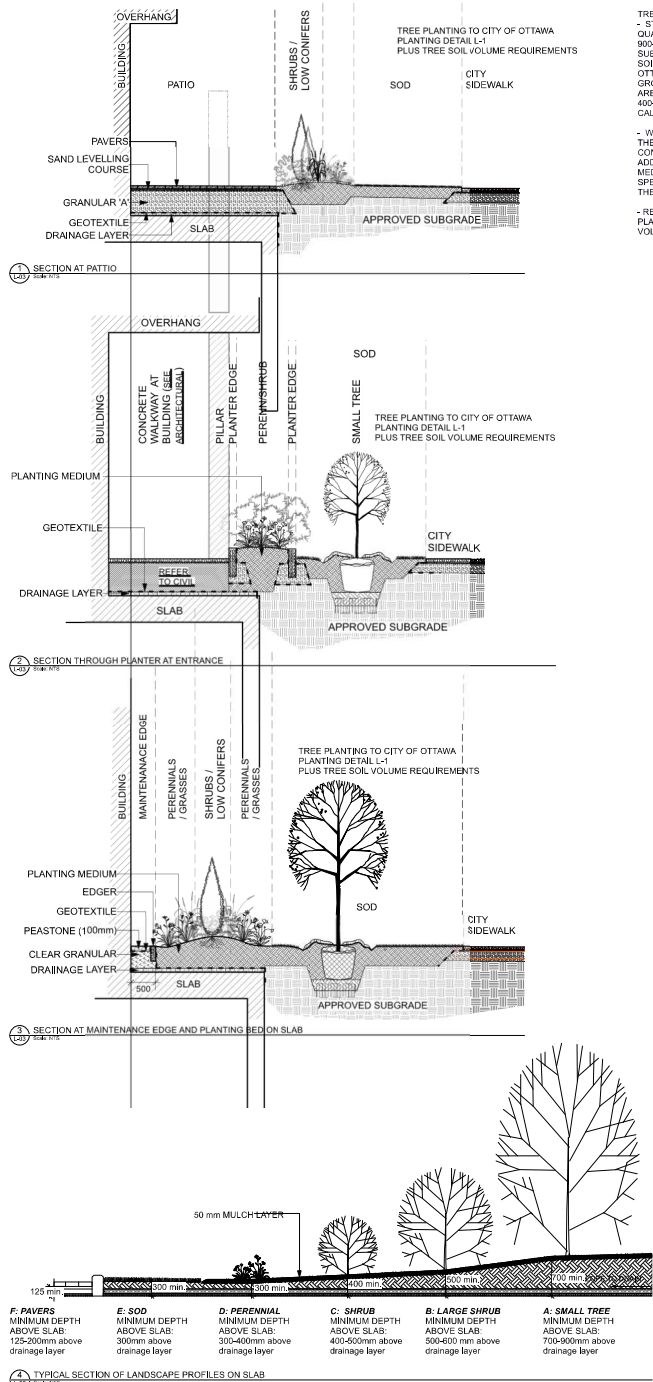
CONSULTANT

PROJECT / LOCATION  
**630 MONTREAL ROAD  
APARTMENT BUILDING  
COMPLEX**

630 MONTREAL ROAD  
OTTAWA, ON

GREEN ROOF PLAN

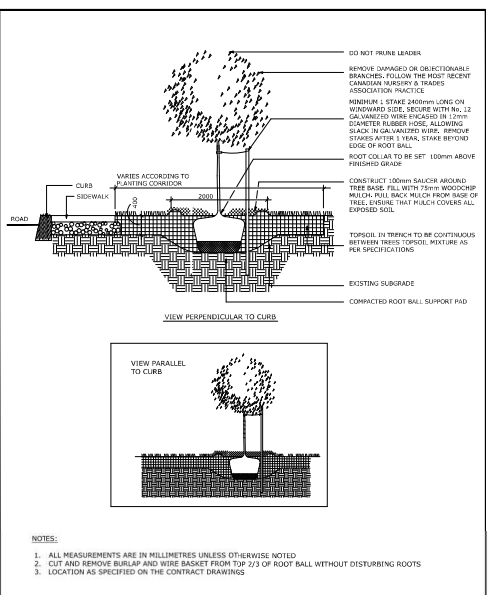
DATE: OCT 2021 SHEET NO: L02  
PROJECT NO: 21-1646



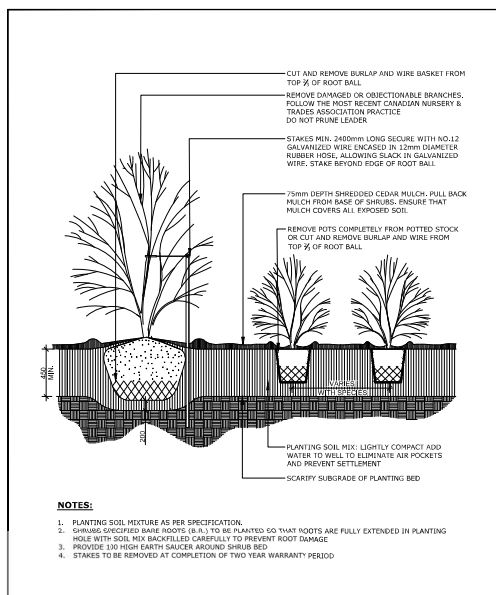
**TREE SOIL VOLUME REQUIREMENTS**  
- STANDARD TREE SOIL VOLUMES QUANTITIES INCLUDE THE TOP 900-1000mm OF SOIL EXISTING SUBSOIL LAYER TO CALCULATE TOTAL SOIL VOLUMES REQUIRED BY CITY OF OTTAWA FOR SUSTAINABLE TREE GROWTH. WHERE LARGER SOFT AREAS ARE AVAILABLE, THE TOP 400-500mm LAYER IS USED TO CALCULATE SOIL VOLUMES.

- WHERE EXISTING MATERIAL BELOW THE SPECIFIED TOPSOIL IS NOT CONDUCTIVE TO TREE GROWTH, AN ADDITIONAL LAYER OF PLANTING MEDIUM IS TO BE INSTALLED BELOW SPECIFIED TOPSOIL DEPTH TO OBTAIN THE SOIL VOLUME DEPTH REQUIRED.

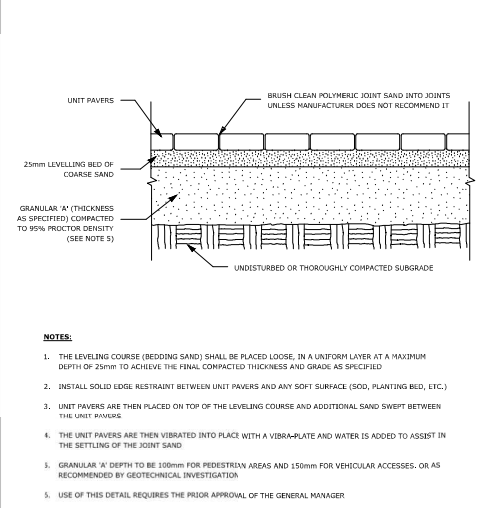
- REFER TO SOIL VOLUME CHART AND PLANS FOR AREA WHERE TREE SOIL VOLUMES ARE REQUIRED.



**PLANTING TRENCH WELL DRAINED SOILS**

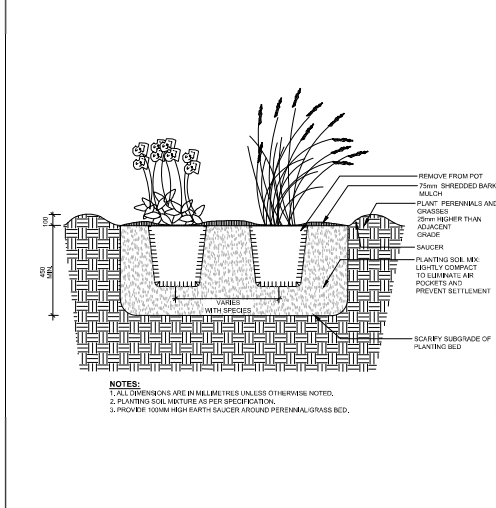


**CONTINUOUS SHRUB BED PLANTING**



**UNIT PAVING - ON GRANULAR BASE**

**ADDITIONAL NOTES FOR NUMBER 5:** 100mm DEPTH GRANULAR 'A' TO BE USED (AFTER APPROVAL) ONLY IN PEDESTRIAN WHERE NO SNOW REMOVAL IS PLANNED. ALL OTHER PEDESTRIAN AREAS ARE TO RECEIVE 150mm COMPACTED GRANULAR A MINIMUM, VEHICULAR 200mm MINIMUM. FURTHER ADJUSTMENTS TO BE SPECIFIED IN RELATION TO SITE CONDITIONS AND GEOTECHNICAL RECOMMENDATIONS.



**PERENNIAL AND ORNAMENTAL GRASS PLANTING**

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6			
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3	Site plan Control resubmission	2022 07 19	
2	Re-issued for Site plan Control	2022 04 22	
1	Issued for Site plan Control	2021 10 26	

PROJECT MANAGER	M. RUHLAND	CLIENT / USER	M. RUHLAND
DRAWN BY	T. FROST	CHECKED BY	M. RUHLAND



**PROJECT / LOCATION**  
**630 MONTREAL ROAD APARTMENT BUILDING COMPLEX**  
630 MONTREAL ROAD OTTAWA, ON

**DETAILS**

DATE	OCT 2021	DRAWING NO.	L03
PROJECT NO.	21-1646		