

INNOVATING WITH NATURE

Perennial Garden
The ideal system for blooming perennials and ornamental grasses.

A versatile, easy to install green roof system designed for growing a wide variety of perennials and ornamental grasses. The resilient Semi-intensive growing medium ZinCoBend® SI, which has been specifically designed for the Perennial Garden green roof system, in combination with the water retention and drainage layer Floradrain FD40-E creates the necessary habitat conditions for this plant community. This means that, in comparison to roof gardens with regular plants and deeper soil depths, the "Perennial Garden" system requires only moderate levels of maintenance and care.

FLORADRAIN FD40-E
The versatile ZinCo Floradrain FD40-E element, made of recycled plastic, is developed to provide the necessary water retention and drainage requirements to sustain this plant community. It also can be used as terracing for curbs and walls and underneath hard surfacing (asphalt) creating and uninterrupted drainage void underneath the entire roof landscape.

Planting Options:

- Plant Material
- Growing Medium ZinCoBend® SI
- Depth: 150-200 mm
- ZinCo Fibre Sheet SF
- ZinCo Floradrain® FD40
- ZinCo Moisture Mat S2M45
- ZinCo Root Barrier WS40
- Roof Construction with roof protected Waterproofing Membrane

Features:

- Attractive and versatile green roof system
- High drainage and retention capacity
- Easy to combine with hard surfacing
- Quick and easy installation

Slope: 2-5 degrees
Saturated weight: >200 kg/m² (49 psf)
Height: >200 mm (8")
Retention capacity: > 95 Litre

VERSATILE

ZinCo Canada Inc.
70, Box 29 - Colling, L3R 1H4 - Ontario
Phone: 1-800-363-5643 | Fax: 1-416-481-0433
greenroof@zinco.ca | www.zinco.ca

Roofdeck System
SYNLAWN ROOFDECK SYSTEM ON FOAM PAD AGGREGATE W/ PERIMETER BOARD

NOTE:
INSTALL AS PER MANUFACTURER'S SPECIFICATIONS AND DETAILS. REFER TO ARCHITECTS AND MECHANICAL ENGINEER'S DRAWINGS FOR SLAB DRAIN LOCATIONS AND DETAILS.

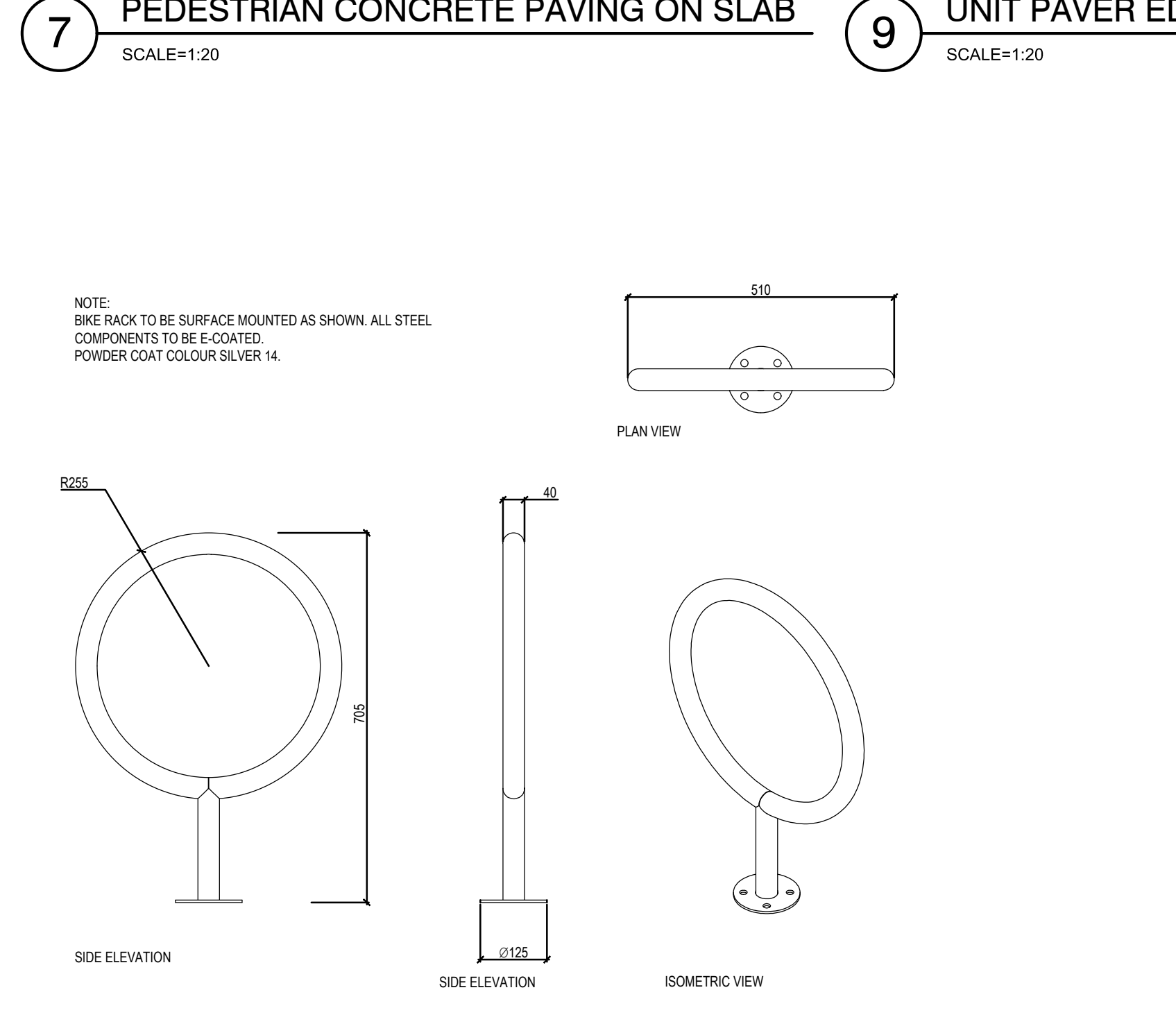
SYNLAWN
2680 ABUTMENT ROAD SE
DALTON, GA 30721
TOLL FREE: 1-866-SYNLAWN
FAX: (706) 277-1128
www.synlawn.com

SECTION VIEW

- CONCRETE CURB - 150mm WIDE
- SYNLAWN ARTIFICIAL GRASS ATTACHED TO NAELER WITH #8 3/4" SS PAN HEAD SCREWS 4" O.C.
- PROVIDE OPENINGS AT BASE OF CONCRETE CURB - 11mm HT. x 100mm WIDE AT 1000mm O.C.
- 2" X 4" RECYCLED PLASTIC LUMBER (RPL) PERIMETER NAELER BOARD, ATTACHED TO CURB WITH ONE 4" EXPANSION ANCHOR(S) EVERY 24" O.C.
- HIGH-PERFORMANCE COATED TOP DRESSING PER SPECIFICATIONS
- 1"2" FOAM PAD
- 1/2"-1" FINES
- CRUSHED AGGREGATE (SPECIFIC TO BEDROCK OF REGION) - DEPTH VARIES
- TERRADRAIN 900 BY TERRAFIX
- WATERPROOFING MEMBRANE AND PROTECTION BOARD AS PER ARCHITECT'S DETAILS
- STRUCTURAL SLAB AS PER ARCHITECT'S DETAILS

NOTES:

- THE GRASS MUST BE INSTALLED AND SEALED WITH ADJACENT PIECES RUNNING IN THE SAME DIRECTION; SEAMS SHOULD BE GLUED WITH SUITABLE SEAMING GLUE AND SEAMING CLOTH, NOT ADHESIVE TAPE.
- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH SPECIFICATIONS BY FACTORY AUTHORIZED INSTALLERS.
- DO NOT SCALE DRAWINGS.
- CONTRACTORS NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info REFERENCE NUMBER 1437-560.



03	ISSUED FOR SPA	2021-04-28	JCP
02	ISSUED FOR COORDINATION	2021-03-04	JCP
01	ISSUED FOR SPA	2020-12-21	TL
no.	revision	date	by

CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH THE WORK. ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND THE PROPERTY OF THE LANDSCAPE ARCHITECT WHICH MUST BE RETURNED AT THE COMPLETION OF THE WORK. ALL DRAWINGS TO BE USED FOR CONSTRUCTION ONLY WHEN SIGNED BY THE LANDSCAPE ARCHITECT.

signed _____ date _____

STUDIO t1a

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CLIENT: 440 ESSA ROAD, BARRIE, ONTARIO

PROJECT: LANDSCAPE DETAILS

DRAWING: TL

CHECKED: AS SHOWN

DATE: 2020-10-19

PROJECT NO.: 19-137

SHEET NO.: LD-100

ASSOCIATION OF LANDSCAPE ARCHITECTS
PAUL MARSHALL
MEMBER
ONL