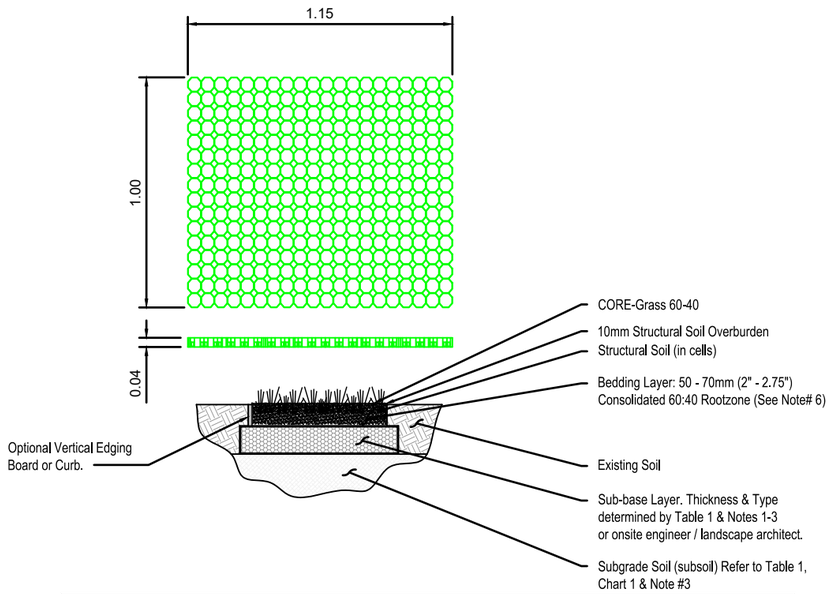

Table 2: Paving Grid Specification

Description	Data
Product	COREgrass 60-40HDR
Material	100% Recycled Polyproplylene
Colour Options	Green & Custom Available
Paver Dimensions	45.3" x 39.4" x 1.6" (1150 x 1000 x 40 mm)
Nominal Internal Cell Size	2.4" (60 mm)
Structure Type	Rigid-Walled Closed Cell
Cell Wall Thickness	98mil (2.5mm)
Weight (per m²)	7.7 lbs (3.5kg)
Load Bearing Capacity (filled)	> 300 Tons / m²
Crush Resistance (unfilled)	200 Tons / m²
Basal Support & Anti-Shear	Integral 5.5" (140 mm) long section ground stakes
Open Cell %	Top 94% / Base 72%
Connection Type	Interlocking built-in H connector
Chemical Resistance	Excellent
UV Resistance	High
Toxicity	Non Toxic
Bedding Layer	60 : 40 Root Zone (See Note #6) : 2" - 2.75" Thick
Paver Fill (Seed Bed)	60 : 40 Root Zone (See Note #7) : 1.7" Thick
Grass Seed	Seed as per Local Specifications
Fertilizer	Pre-Seed Fertilizer followed up with appropriate seasonal fertilizer
Sub-Base Type	DoT Class 5 or a modified permeable Class 7 reduced Fines Sub-Base (Table 1 & Notes 1-5)
Sub-Base Reinforcement	GeoGrid Optional

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DESIGN NOTES:

Note #1 A sub-base (i.e. 'Class 5' Aggregate) may be used provided that an adequate drainage system is installed. Alternatively a permeable / open graded 'reduced fines' sub-base layer may be specified as part of Low Impact Development (LID), or National Pollutant Discharge Elimination System (NPDES).

Note #2 Where drains are omitted and a 'reduced fines' sub-base is specified for LID / NPDES this must be covered with either a geotextile fabric and / or a clean, suitably graded gravel blinding to avoid the bedding layer leaching into the sub-base.

Note #3 Specific advice on CBR% strengths, ground conditions and construction over weak ground with a CBR less than 1% is available upon request. CBR% = California Bearing Ratio, a measurement of sub-grade soil strength. (or equivalent measures for your state / province)

Note #4 If required, typical drainage systems (not pictured) use 4" diameter perforated pipe drains, laid at a minimum gradient of 1 : 100, bedded on gravel in trench backfilled and covered with a geotextile fabric. Pipes leading to a suitable outfall or dry well. Drains installed down center or one edge of areas up to 16' wide. Wider areas may require additional lateral drains at 16' - 32' centers. Drainage design should be determined by specific site conditions.

Note #5 Drainage for a LID / NPDES application will vary according to the site, but generally omits the requirement for extensive pipe and trench drainage systems within the sub-base layer and may require an additional layer of geotextile fabric at base of construction.

Note #6 Root zone bedding and paver fill must be a free-draining, structurally sound blend of sand : soil or sand : composite such as used in sports / golf construction and normally identified as a 60 : 40 or 70 : 30 ratio blend. The use of site-won materials or in-situ self blending is NOT recommended without taking further advice.

Note #7 Structural Soil mix as provided by CORE Landscape Products.

Note #8 Maximum advised gradient for traffic applications: 12% (1:8) 7°. Make use of specific pegging points if required for steep slope applications (i.e. >20°). Pegging is not necessary for standard access.

Please note that the information above is given as a guide only. All sizes and weights may vary to what is published.

Table 1: Typical Sub-base Thickness (Tx) Requirements - refer to 2 Typical Construction Profile

APPLICATION / LOAD	CBR (%) STRENGTH OF SUBGRADE SOIL	(TX) DoT SUB-BASE THICKNESS (mm & inches) (see Notes 1 - 5)	
Fire Trucks, Coaches and occasional HGV access	≥ 6	100 mm	4"
	= 4 < 6	120 mm	4.75"
	= 2 < 4	190 mm	7.5"
	= 1 < 2	380 mm	15"
Light vehicle access and overspill car parking	≥ 6	100 mm	4"
	= 4 < 6	100 mm	4"
	= 2 < 4	135mm	5.4"
	= 1 < 2	260mm	10.3"

Chart 1: Field guidance for estimating sub-grade strengths

Consistency	Indicator			Strength	
	Tactile (feel)	Visual (observation)	Mechanical (test)	CBR	CU
			SPT	%	kN / sqm
Very Soft	Hand sample squeezes through fingers	Man standing will sink > 3"	< 2	< 1	< 25
Soft	Easily moulded by finger pressure	Man walking sinks 2" - 3"	2 - 4	Around 1	25 - 40
Medium	Moulded by moderate finger pressure	Man walking sinks 1"	4 - 8	1 - 2	40 - 75
Firm	Moulded by strong finger pressure	Utility Truck ruts 0.5" - 1"	8 - 15	2 - 4	40 - 75
Stiff	Cannot be moulded but can be indented by thumb	Loaded construction vehicle ruts by 1"	15 - 30	4 - 6	75 - 150

This field guide is provided as an aid to assessing the mechanical stabilization requirements in commonly encountered site conditions. CORE Landscape Products accepts no responsibility for any loss or damage resulting from the use of this guide.

CORE Grass 60-40