

# SPECIFICATIONS

All dimensions and levels to be checked on site by contractor prior to preparation of shop drawings and commencement of work on site.

DO NOT SCALE FROM THIS DRAWING. IF IN DOUBT ASK.

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This drawing is to be read in conjunction with all relevant Consultant's and/or specialist's drawings and documents. Any discrepancies or variations are to be notified to ALLEN CONSTRUCTION CONSULTANCY LTD before the affected work commences.

T0	Tender Issue	16/11/23
Rev	Description	Date

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Client 

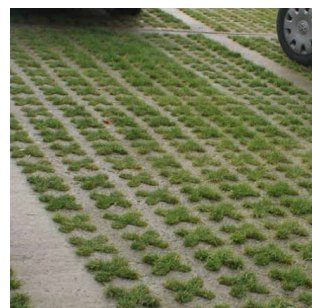
Project  
  
Community Energy & EV  
Charging Station

Drawing Name  
  
Specifications

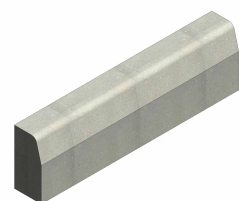
Project No.	6541
Date	09/04/2021
Drawn by	LN
Checked by	PQ
Dwg	6541-ACC-00-XX-DR-A-2002
Scale@A3	NTS
REV	T0



**Tarmacadam (footpath and driveway)**  
Excavate to reduced depth of at least 225mm below finished level (375mm below dpc) and cart all spoil to licensed, off-site tip.  
Excavate any soft spots in sub-grade as required and dispose.  
Supply, lay and compact minimum of 150mm of DTp1 crushed stone sub-base material to falls and levels.  
Supply, lay and compact 52mm of 20mm dense binder course tarmac, and 25mm of 6mm hardstone bitmac surface course to falls and levels.  
Clear all site of debris and rubble on completion and make good.  
All Tarmac to comply with BS 4987



**Grasscrete (parking area)**  
Format Pavers  
Max. loading: HGV  
Functions: Turf reinforcement  
Suitability: Car parks  
Reinforcement: A252 mesh  
Sub base: 250mm MOT Type 1 stone to Clause 803  
Base: sand  
Material: Cast-in-place concrete  
Dimensions of formers: (l x w x d) 600 x 600 x 150mm



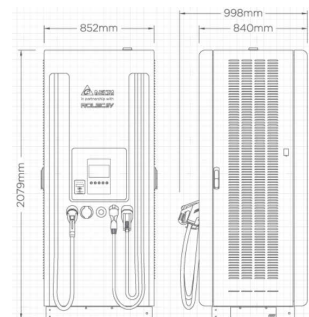
**Kerbs (car park)**  
PCC Road Kerbs  
Supply and lay on 150mm C7.5 concrete bed and haunch, 915x255x125mm pcc road kerbs to straight lines and curves  
Make good to back of kerb on completion  
All kerbs to comply with BS EN 1340



**Edgings (footpaths)**  
Edging Kerbs  
Supply and lay on 150mm C7.5 concrete bed and haunch, 915x150x150mm pcc square top edging kerbs to straight lines and curves  
Make good to back of kerb on completion  
All kerbs to comply with BS EN 1340



**Slatted Timber Cladding**  
Wood type: Softwood.  
Thickness: 20 mm.  
Colour: Salmon pink sapwood to dark brown heartwood, if left unprotected, it will turn to a silver grey colour.  
Edges: Square or per profile.  
Origin: UK.  
Sustainability: All from well managed forests - PEFC and or FSC certified.  
Density (12% moisture content): 390 kg/m³.  
Dimensional stability: Small. It has a very low shrinkage factor and is superior to all other coniferous woods in its resistance to warping, twisting and checking.  
Recommend fixings: Only top quality stainless steel fixings should be used to avoid corrosion of fixings and blue staining of the profile.



**EV Charging Pillars**  
**BASICCHARGING:EV**  
**(see dwg.6541-ACC-00-XX-DR-A-2000)**  
  
**RAPID CHARGER UFC 200**  
**(see dwg.6541-ACC-00-XX-DR-A-2001)**



**Traffic Bollards**  
**Diamond Top Recycled Plastic Traffic Bollard**  
Dimensions: 1000mm above ground, 400mm below ground, 150mm x 150mm  
Bollards require a hole of at least 400mm deep for casting into concrete & fit in the supplied fixing spikes to ensure firm ground anchorage



**Heavy Duty Round Retractable post**  
Material - Mild steel  
Finish - Galvanised to BS EN ISO 1461 (2009) White  
Top post - 5mm thick galvanised mild steel  
Flush fitting lid - 6mm thick galvanised mild steel  
Lifting Weight - 22Kg  
Product Weight - 57Kg  
Round Section - 120mm  
Length Below Ground - 1140mm  
Ground Socket - 5mm thick x 150mm round section galvanised mild steel  
Drainage Base Plate - 6mm Thick, 170 x 170mm



**Traffic signs and markings**  
EV Recharging Point and EV Bay Marking  
All according to "The Traffic Signs Regulations and General Directions 2016"

