SOFT AND HARD LANDSCAPING SPECIFICATION.

Block Paving
Area indicated thus represents the following footpath construction:
200x100x60mm keyblock interlocking pavers from Marshals (Colour and texture to be Marshals Brindle) to be laid on 50mm sand bedding, in turn laid on 200mm DOT type 1 compacted road base laid in 2 equal layers.
Tricix TX160 on top of 100mm well crushed concrete in turn laid on 1st layer of Tricix TX160 laid on existing formation compacted with vibration roller. On completion joint filling sand to be brushed into joints and Marshals keybond sand stabiler appliedand swept clean on completion.

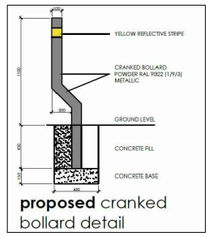
Off site pedestrian Paving
Area indicated thus represents the following pedestrian footpath construction:
25mm bituminous wearing course laid on 50mm Base / Binder course laid on 100mm DOT type 1 hard core base laid in 2 equal layers as DfF specification, on top of 100mm well compacted formation.

Printed Concrete
Area indicated thus represents the following drive through road construction. 150mm RC40 grade air entrained concrete with block brush finish to upper surface forming Picaave Sidewalk pattern with Floated margins at Kerbs and Joints. Slab to be reinforced with 0.9kg polypropylene fibrillated, all applied with fibre mesh laid on 1200g visqueen dpm. 250mm type 1 road base laid in 2 equal layers laid on Tricix TX160 on top of 100mm well crushed concrete in turn laid on 1st layer of S530 Geogrid directly laid on rolled formation. Expansion joints to be installed as structural engineers drawings and capped to match brushed surface.

Heavy Vehicle Road way / Paving
Area indicated thus represents the following access road and car park road construction. 40mm bituminous wearing course to adopt 14mm Size grading wearing course to BS4987 Part 1 section 7.7 and laid to falls in accordance with BS 4987 part 2 binder to be 200mm pen Bitumen laid on 60mm (20mm dense base course) binder to be 150 pen bitumen. 100mm Bitumous Roadbase to be laid beneath. 300mm DOT type 1 hard core base laid in 2 equal layers as DfF specification clause 802 + 803 Tricix TX160 on top of 100mm well crushed concrete in turn laid on 1st layer of S530 Geogrid directly laid on rolled formation.

Tactile Paving
Area indicated thus represents the following:
450x450x38 Marshals tactile blister paving slabs laid at all dropped kerbs and laid to fall to suit dropped kerbs on 50mm sand bedding in turn laid on 250mm DOT type 1 - compacted road base laid in 2 equal layers.
Tensar S330 Geogrid laid on 100mm crushed concrete laid on 1st layer of S330 Geogrid all laid on existing formation compacted with vibration roller. On completion joint filling sand to be brushed into joints and Marshals keybond sand stabiler appliedand swept clean on completion.

Area indicated thus represents the areas of soft landscaping.



proposed cranked bollard detail

Generally

All plants shall conform to BS3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE. Planting shall not be carried out when the ground is waterlogged, frost bound or during periods of cold drying winds.

Recommended topsoil depths are 150mm for grass and 450mm for shrubs where the ground has been disturbed or where the natural soils are on insufficient quality. Existing retained soils should be tested to confirm that the topsoil element is adequate in both quality and quantity. If topsoil depths are inadequate the contractor should inform the contract administrator.

Topsoil to be spread in disturbed areas may either be the original from site providing it has been stripped, stored and handled appropriately (heaps no higher than 1.5m and kept free from weeds), but if is most likely that topsoil will be imported to site. Imported topsoil should be Multi-Purpose Grade Topsoil to BS3882:2007, and a test certificate and report should be issued to the contract administrator for approval prior to importation of topsoil.

Ground to receive topsoil shall be excavated to formation, and the formation a toothed bucket to ensure that the sub-soil surface will be free draining. Shou the formation after ripping, then a stone soak away or 100mm deep gauge sto spread below the formation level. All haunching to adjacent paved areas sho the minimum necessary and all arisings removed from the bed area.

Tree and shrub planting

Ground Preparation - Where existing natural soils are being planted in -site, the weeds with a glyphosate based herbicide and allow a suitable period as reco manufacturer for this to be effective. Where topsoil is being spread, fill the forn

required depth and lightly consolidate. Soils must not be compacted, or run across by machinery when wet. Beds should be overfilled to allow for settlement after consolidation. Once consolidated and settled, soil levels should be no more than 15mm below the adjacent kerb / paved levels.

A general purpose slow release fertiliser at the rate of 75gms/sqm and Tree Planting and Mulching Compost at the rate of 20ltrs/sqm are to be incorporated into the top 150mm of topsoil during final cultivations. All extraneous matter such as plastic, wood, metal and stones greater than 50mm in any dimension shall be removed from the planting bed.

Tree pits to the specified size are to be excavated and the base broken up a further 150mm with the sides well scarified to prevent smearing. Additional fertilisers and soil conditioners shall be incorporated into the tree pit as follows:

TREE SIZE	TREE PIT, MM TPMC ltrs	EHMAG gms
Fthd/Hfstd/Ltstd	1200x1200x400 20	75
SStd/HS	2000x2000x400 20	75

All trees shall be protected with spiral rabbit guards and supported with 75mm diameter stakes. ave GL) used for 'whippy' species (birch and alder), stump stakes (600mm est; Single stakes shall be used for bare rooted (B) stock and double stock. Stakes shall be driven 500mm into undisturbed ground before car to avoid underground services, cables etc. The cross bar on stakes windward side of the tree to prevent chafing of the trunk (generally the orated pipe shall be wrapped around the entire rootball, and finished at tering directly to the roots during the first two establishment years.

e pit planted into the prepared soil at the specified centers with minimal oil and then well firmed in. Trees are to be placed into the pits and corporating slow release fertiliser and Tree Planting Mulch Compost as specified; firm trees in well and secure with proprietary rubber tree ties and spacers. Water in all trees and shrubs at the end of each day of planting. Spread ornamental bark mulch to a depth of 75mm in a 1mm diameter circled around the base of each tree in grassed areas and across all ornamental plantings areas.

Maintenance

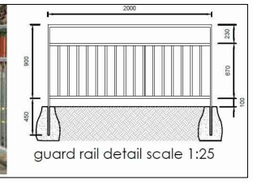
Maintenance Year 1 (2 and 3)
The Landscape contractor shall maintain all areas of new planting for a period of 12 months following practical completion. All stock deemed to be dead, dying or diseased within the defects period shall be replaced by the contractor at his own cost.

The site is to be visited monthly throughout the year to undertake the following operations:

Weed clearance - All planting areas to be kept weed free by hand weeding or herbicide treatment, monthly during the growing season from March to November inclusive.
Litter clearance - All litter is to be removed from planting beds, frequency to be agreed.
Watering-All trees are to be watered weekly from May to the end of September unless unnecessary due to heavy rain;
Fthd/Hfstd/Ltstd are to receive 10 gallons of water per tree and SStD/HSFEHS are to receive 20 gallons of water.
All shrubs are to be watered for the first two years from May to September following any dry periods of 7 days.
Checking trees - All tree ties and stakes are to be checked and adjusted if too loose, too tight or if chafing is occurring. Any broken stakes are to be replaced, soil to 1mtq surrounding tree to be kept weed and grass free.
Formative pruning- Any damaged shoots/branches are to be pruned back to healthy wood. Plants are to be pruned in accordance with good horticultural practice to maintain healthy, well shaped specimen.

Maintenance Year 4 onwards

Once the planting is well established and knitted together, maintenance can propably be reduced to 4-6 visits per annum to deal with the cutting back of shrubs at the begining/end of season (a few species) or if they become too large (should not be required until at least years 6-10, and may not required at all).

guard rail detail scale 1:25




CIGARETT
GLASDON ASH
CIGARETT


EXTERNAL BIN
GLASDON "BULLSEYE" BIN


CYCLE HOOPS
AUTOPA "SHEFFIELD CYCLE HOOP"

CYCLE HOOP SPECIFICATION.
RAGGED FOR CASTING INTO THE GROUND CYCLE HOOPS THAT ARE 48mm OVERALL DIAMETER WITH 3mm WALL THICKNESS & ARE SET 300mm BELOW GROUND & RISES WITH 5no. 12mm BOLTS PER FLANGE - ALL MILD STEEL GALV TO BS ISO 1461 (1999).

EXTERNAL BIN SPECIFICATION.
GLASDON "BULLSEYE" BIN. COLOUR BLACK WITH BOLT DOWN PACK FITTED WITH KFC LOGO.

Type.	Description.		Quantity.
Small - medium trees.	T1 - Acer Compestre.	RB Ht 3500 - 4250mm Stem Girth 12-14cm	2 No.
	T2 - Prunis Avium.	RB Ht 3500 - 4250mm Stem Girth 12-14cm	4 No.

450mm HIGH TIMBER KNEE RAIL

PROPOSED EXTERNAL FURNITURE

FURNITURE IMAGE	DESCRIPTION
	AEL SOLUTIONS Box loop 1200 Rectangular table Code: ICON004 Width: 704mm Length: 1200mm Height: 750mm
	AEL SOLUTIONS Box loop 1000 Rectangular bench (double) Code: ICON002 Width: 1000mm Depth: 400mm Height: 450mm

Site plan pt 1
scale - 1:250 @ A1 + 1:500 @ A3

Site plan pt2
scale - 1:250 @ A1 + 1:500 @ A3

20 10 5 0 20
Metres

FOR INFORMATION

ALL DIMENSIONS TO BE CHECKED ON SITE.

DO NOT SCALE FROM THIS DRAWING EXCEPT FOR THE PURPOSES OF LOCAL AUTHORITY PLANNING

SITE DESIGN SIGNOFF	
Name / Title	
SPM	
Signature	Date

rev	date	description
A	13.11.18	STAFF CAR PARKING LAYOUT REVISED. DAO

rpa:group
51-53 church road
ashford, middlesex, tw15 2ty
telephone: +44 (0) 1784 256 579
facsimile: +44 (0) 1784 247 300
website: www.therpagroup.com

NEW STORE

store address
LAND at A151/A16
SPALDING
PE12 6EP
LINCOLNSHIRE

drawing title
PROPOSED
Landscaping plan

drawn by	checked	date
N.O.	DAO	23.08.2018
store no.	scale	
-	as indicated @ A1	

drawing no.	revision
2005733-2018-G123	A