

CONSULTING ENGINEERS LTD

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# **PLANS**







Tarmacadam - Car park and footpaths

Charcoal imprinted concrete - Drive thru

Charcoal brushed concrete - delivery

Safety floor. Min. 50mm thick wet pour

Soft landscaping - see drawing No P007

Existing landscaping to be retained

bounded rubber - to be confirmed by

Marshalls 200 x 100mm Charcoal

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All drawings to be read in conjunction with all other drawings as noted on issue sheet. **Proposed Site Finishes:** 

Keyblok paving - Patio

Brushed concrete - Corral.

as indicated.

lane.

route.

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### Tactile blister paving.

Project Manager.

for further details.

### External Fixtures & Fittings:

Aubrilam - Range Euroline 3 Mix 2015 Electrogalvanised steel structure, PPC RAL 7022. Table legs made of extruded aluminium, PPC RAL 7022. Table seats & plate in 12mm HPL panel with 12mm beech plywood HPL Coffee table, single chair, bench and 2 seat table and round

4 seats - Rectangular Table.

One Armrest Bench (left or right).

table must be fixed to the ground. 4 seats - Round Table.

Coffee Table.

Single Chair.

Umbrella.

Ash Bin.

Glasdon.

4 x 4m Force 10 umbrella -

colour black - with applied

Dust Bin with "Tidy Man" Sticker.

1500mm or 600mm long x 1100mm high. Timber effect galvanised steel.

Combo Delta Large Aperture Litter Bin by

530mm x 470mm high x 1550mm high.

Golden arch logo .

Pedestrian Guarding

Target Trash Bin







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Bin body & door: Black. Shelter 3400mm x 2400mm x 2300mm high.

Steel frame with panels to 3 sides and profile metal roof. Complete with 2No benches and waste bin.



#### Play Frame. (EO9-004) Tubular aluminium climbing frame with

coloured (red, white & timber) laminate side panels, clear acrylic windows and fabric roof canopy. 3.8w x 3.8d x 4.5m high. See manufacturers information for further details.



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## **PLANTING SCHEDULES:**

Trees							
Species	Abb.	Form	Girth (cm)	Height (cm)	Clear stem (cm)	Root	Quantity
Tilia cordata 'Streetwise'	TeS	Standard Extra Heavy	16-18	min 450	min 200	RB	4
Corylus colurna	Cc	Standard Extra Heavy	18-20	min 450	min 220	RB	1
Betula pendula	Bp	Standard Heavy	12-14	350-425	175-200	RB	3
Prunus 'Sunset Boulevard'	PSB	Standard Extra Heavy	16-18	350-425	min 200	RB	3

Specimen Shrub Planting:						
Name	Abb	Height (cm)	Root	Container	Habit	Quantity
Amelanchier lamarckii	AL	175-200	RB	1	Specimen, 3 - 5 main stems	2
Lavandula angustifolia 'Munstead'	LaM	30-40	С	7.5L	Bushy	5
Phormium 'Apricot Queen'	PAQ	80-100	С	10-12L	Specimen	8
Phormium cookianum 'Tricolor'	PcT	80-100	С	10-12L	Specimen	1
Phormium 'Yellow Wave'	PYW	1	С	10-12L	Triple Crown	3
Pittosporum tenuifolium 'Golf Ball	PtGB	40/45 Diameter	С	1 <mark>5</mark> L	Clipped, Topiary ball	3
Stipa gigantea	Sg	1	С	5L	Ornamental grass	3
Taxus Baccata (Sphere)	TbS	40/45 Diameter	С	15L	Clipped, Topiary ball	2

Shrub Planting:							
Name	Abb	Height (cm)	Root	Container	Habit	Density	Quantity
Cornus alba 'Elegantissima'	CaE	60-80	С	5L	Branched	3/m²	18
Cornus alba 'Spaethii'	CaS	60-80	С	5L	Branched	3/m <sup>2</sup>	15
Taxus baccata	Tb	40-60	С	3L	Bushy	3/m²	25

Mixed Species Nat	ive Bou	ndary Hedge	Planting:				
Name	Abb	Height(cm)	Root	Container	Habit	% in Mix	Quantity
Acer campestre	Ac	80-100	UK Cell grown	1	Branched	20%	58
Crataegus monogyna	Cm	80-100	UK Cell grown	1	Branched	40%	116
Cornus sanguinea	Cs	80-100	UK Cell grown	1	Branched	10%	28
Euonymus europaeus	Ee	80-100	UK Cell grown	1	Branched	10%	28
llex aquifolium	la	80-100	C (UK grown)	-5L	Leader & Laterals	10%	28
Prunus spinosa	Ps	60-80	UK Cell grown	1	Branched	10%	28
Notes:							
* Hedge species to be	planted in	a double staga	ered row at 500m	om centres 4	00mm between rows		

Heage species to be planted in a double staggered row at suumm centres , 400mm between rows Hedge to be maintained at a maximum height of 1.2m and pruned to a clear stem of 150-200mm above ground Hedge plants to be protected with 600mm Tubex Shelterguard Shrub Shelters supported by 32mm x 32mm tanalised stakes. \*Hedges to be planted within off the roll fully bio-degradable weed control membrane to suppress weeds and conserve ground moisture. Product: Ecotec MulchMat by Hy-Tex or similar approved, installed and secured with ground pegs in accordance with manufacturers ecomendations. Shrubs to be sourced as local to the site as possible and "UK-Grown" in accordance with current bio-security best practice.

Formal Hedge Planting:							
Name	Abb.	Height(cm)	Root	Container	Form	Spacing	Quantit
Carpinus betulus	Cb	100-120	С	1mTrough	Instant hedge unit, Neatly clipped	Single row, 6No. Plants per linear m	20
Euonymus japonicus 'Jean Hughes'	EJH	40-60	С	5L	Clipped hedging plants	Single row, 5No. Plants per linear m	110
Notes:							
Formal instant hedge planting unit	s to b	e planted in a	continu	ious row with	the specified density of plants per lin	earm as specified.	

Scale: 1:250 @ A1

• March - October: 20 litres to be poured into irrigation pipe twice a week (40 litres in total)

NOTE: All soft landscape works to be carried out in accordance with BS4428:1989.

Subsoil should be broken up to relieve compaction and aid drainage prior to topsoiling to the following depths: - For light and non cohesive subsoils: 300mm

- For stiff clay and cohesive subsoils: 450mm

Areas for cultivated turf: minimum 150mm

Immediately before spreading topsoil, remove stones larger than 50mm.

### TOPSOIL

Existing site won topsoil to be reused for soft landscape areas if sufficient quantities are available and the topsoil meets the criteria for multipurpose topsoil as defined in table 1 of BS3882:2015 specification for Topsoil.

If imported topsoil is required it is to be supplied and spread by the main contractor to the approval of the Landscape contractor, in accordance with BS 3882 :2015. To be a natural sandy loam, of medium texture, with a pH between 5.5 and 7.8, not more than slightly stony and free of pernicious weeds. Subsoil to be well broken up prior to top-soiling to relieve compaction. Topsoil depths should be: Areas for Ornamental Shrub Planting: minimum 400mm

### CULTIVATION

Weeds to be prevented from seeding or becoming established by applying a suitable herbicide and allowing the correct time to elapse, as directed by the manufacturer. Compacted soil to be broken up to a depth of 100mm, with any stones, grass tufts or rubbish larger than 50mm in any direction to be removed, leaving a regular and even surface. Suitable slow release fertiliser to be supplied and spread @ 50g/m2 to all planted areas.

#### **CLIMATIC CONDITIONS**

Topsoiling should be carried out in the driest conditions possible – cultivation to be carried out when the soil is moist, friable and not waterlogged or frozen. Topsoil should not be handled during or after heavy rainfall or when it is wetter than the plastic limit as defined by BS 3882. Planting should not take place in waterlogged conditions or when the ground is frozen.

### SOIL AMELIORANT

Peat-free compost to be spread over ornamental shrub beds @ minimum 50mm depth prior to cultivation.

All trees within shrub beds to be planted in separate pits in accordance with tree planting detail. All plant material to comply with BS 3936 Part 1:1992, be obtained from a nursery certified by the HTA and transported to site in accordance with the HTA Plant Handling Guide: 1996. All trees to be planted to the original root collar and secured in place with underground guying system in accordance with tree planting detail. All trees to be fitted with aeration and irrigation system in accordance with tree planting detail.

If the trees are to be planted outside of the planting season (late October - Late March) then containerised stock to be used in lieu of root ball to the same specification- allowance to be made for this at tender stage if required once construction timetable is known and CA informed immediately.

### PROPOSED ORNAMENTAL SHRUB PLANTING

All shrubs to be positioned as shown on the drawing and to the density and specification noted in the plant schedule. Planting holes to be 150mm wider than the root spread, have the base ground thoroughly broken up before planting and backfilled with peat free compost. All shrubs to be equally spaced throughout the planting areas to the specified density in a staggered arrangement unless otherwise noted in the planting schedule.

#### NATIVE HEDGE PLANTING

Areas to receive whip planting be cleared of all vegetation and cultivated as described above. Rotavate areas to a minimum depth of 300mm to form an open textured free draining growing medium. Remove all stones and other debris larger than 50mm in any one direction and remove all litter and vegetation matter prior to planting. Each transplant to be fitted with an appropriate rabbit guard for the size and species and 500 x 500mm biodegradable GT Ecomat by Green-tech or similar approved. To be pruned / maintained as a hedge at a maximum height of 1.4 metres.

#### **EL1 FLOWERING LAWN**

Flowering lawn mix to be sown directly into cultivated low fertility subsoil in accordance with manufacturers

recommendations at rate of 4g/m2 Preparation: Cultivate subsoil, apply a suitable herbicide and allow the correct time to elapse, as directed by the

manufacturer, and seed the bed. No fertiliser, compost or mulch are to be applied to the wildflower bed. First year of management:

- Mow newly sown flowering lawns regularly (every 7 -10 days during growing season) throughout the first year of establishment. Cut to a height of 40-60mm, removing cuttings if dense. • Carefully dig out or spot treat any residual perennial weeds such as docks.
- Management once established: • Mow regularly as a lawn but not too short (25-40mm). To permit flowering, mowing can be relaxed from late June. Cut again when the sward gets untidy (after 4-8 weeks). Heavy quantities of cuttings should be collected and

removed from site \*NOTE - At time of each cut all arisings to be removed from the bed to maintain reduced soil productivity.

#### CLOSE MOWN GRASSED AREAS

Preparation and turf to be laid in accordance with BS 3969:1998: Recommendations for Turf for general purposes and BS 4428-1989 General Landscape Operations. Height of initial growth: 100mm

Height of first cut: 50mm

Height of growth: The height of growth must not exceed 100mm at any time.

approval by the Landscape Architect before any change is made.

Frequency: Cut as and when necessary to a height of 25mm, using a rotary mower and remove all arisings.

Timing: When grass reaches scheduled height of maximum growth and is reasonably dry. Application: At the time of each cut, trim all grass edges round the base of trees, manholes etc and remove arisings. Sweep all adjoining hard areas clear of cuttings and remove.

Weeding: Keep the sward substantially free of broad leaved weeds by applying a suitable selective herbicide. Fertilizer: March application: 15:10:10 Spring turf fertilizer at 35g/m2. September application: 5:10:10 Autumn turf fertilizer at 50g/m2.

#### SUBSTITUTIONS:

Upon submission of evidence that certain materials, including plant materials, are not available at the time of the landscape contract, the Landscape Contractor may be permitted to substitute other materials and plants in exceptional circumstances during the contract with an agreed adjustment of prices. All substitutions shall be of nearest equivalent species and variety to the original specified but shall be subject to

#### TIMES OF YEAR FOR PLANTING:

Soft landscape works to be carried out during the first possible planting periods following completion of the building and associated engineering works to car park and access roads in accordance with the times of year for planting

- notes below: Native and ornamental trees: During dormant winter period - Late October to late March (only if planted in the planting season otherwise containerised stock to be used).
- Bare root native transplants: During dormant winter period Late October to April. Container grown ornamental and specimen shrubs: At any time if ground and weather conditions are favourable.

### MULCH

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75mm depth of 8-35mm ornamental bark mulch (peat-free) to be supplied and spread to all planting areas. Finished mulch level to be installed and maintained at 25mm below any adjacent kerbs or paving surfaces.

	Drawing to	be read in co	onjunction wit	h Vec	ctor D L01	Desident			
						Revisions		Drawn	Check
Project Title	Title PROPOSED MCDONALD'S RESTAURANI Drawing Title LANDSCAPE PLAN				LANDSCAPE PLAN				
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	Haverhill CB9								
Client	McDONALDS RESTAURANTS LTD								
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Drawn By	NB	Checked By	AS	Date	07 / 2022	4 ST JC	DHNS NORTH, WAKEFIELD, WF1 3QA. TEL 019 web:www.vec	24 332 tordc.c	:056 :om





EXISTING SURFACE WATER FILTER DRAIN		APPLICATION SITE REDLINE BOUNDARY	
SECTIONS OF EXISTING SURFACE WATER FILTER DRAIN TO BE CULVERTED / DIVERTED		EXISTING PUBLIC FOUL WATER SEWER	
EXISTING HIGHWAY SURFACE WATER SEWER	⊖	PROPOSED SURFACE WATER SEWER WITH 1050mmØ CATCHPIT MANHOLE	⊝
EXISTING PUBLIC SURFACE WATER SEWER	———	PROPOSED SURFACE WATER 460mmØ INSPECTION CHAMBEF	۶ <sup>0</sup>

PROPOSED BUILDING \_ <u>[wp</u> \_ DRAINAGE (RWP PLACEMENT INDICATIVE) PROPOSED OPEN / GRATED FILTER DRAINS  $\left[ \times \times \right]$ PROPOSED FOUL WATER PROPOSED ATTENUATION Sewer with manhole

TANK

(STUB STACK) PROPOSED BUILDING FOUL DRAINAGE PROPOSED GREASE SEPARATOR

PROPOSED RETAINING WALL •svp (MAX HEIGHT 2.6m) (RWP SOIL & VENT PIPE)  $\bigcirc$ 

uthorised amendments						
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1							
28.07.22	SITE LAYOUT UPDATED, DRAIN,		SW	BWA			
14.07.22	DRAINAGE STRATEGY REVISED		SW	BWA			
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