

St. James's Park, Shaftesbury: Landscape and Play Works

Preliminaries and Outline Specification Clauses

July 2022

Revision 1



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A10 PROJECT PARTICULARS

110 THE PROJECT

- Name: St. James's Park
- Nature: Works to play areas within St. James's Park along with associated landscape works including access improvements
- Location: St. James's Park, St. James's Road, Shaftesbury SP7 8HE
- Timescale for completion of the construction work: 10 weeks.

120 EMPLOYER (CLIENT)

- Name: ShaftesburyTown Council.
- Address: The Town Hall, The High Street, Shaftesbury SP7 8LY
- Contact: Brie Logan
- Telephone: 01747 852420
- Email: BrieLogan@shaftesbury-tc.gov.uk

130 PRINCIPAL CONTRACTOR (CDM)

- Name: TBC.

140 LANDSCAPE ARCHITECT/ CONTRACT ADMINISTRATOR

- Name: trading as Aileen Shackell Landscape Design (ASLD) (registered name, Aileen Shackell Associates Ltd)
- Address: 146 West Bay Road, Bridport Dorset DT6 4AZ
- Contact: Aileen Shackell
- Telephone: 07833 247771
- Email: aileen@asa-landscape.com

150A PRINCIPAL DESIGNER

- Name: Aileen Shackell Landscape Design (ASLD)
- Address: 146 West Bay Road, Bridport Dorset DT6 4AZ
- Contact: Aileen Shackell
- Telephone: 07833 247771
- Email: aileen@asa-landscape.com

A11 TENDER AND CONTRACT DOCUMENTS

110 TENDER DRAWINGS

- The tender drawings are:
 - *Layout plans*
 - 298-01 – General Arrangement Plan
 - 298-02 – Younger Play Construction (Site A)
 - 298-03 – Older Play Construction (Site B)
 - 298-04 - Demolition and clearance
 - 298-05 – Rebound walls and goal area construction detail
 - 298-06 –Log edging construction detail
 - 298-07 –Hammock fixings construction detail
- *Photographs / image sheets*
- Play Equipment Photo sheets

- Existing site photos
- 120 CONTRACT DRAWINGS
- The Contract Drawings: The same as the tender drawings.
- 160 PRECONSTRUCTION INFORMATION
- Format: The Preconstruction information is described in a separate document.

A12 THE SITE/ EXISTING BUILDINGS

- 110 THE SITE
- Description: 3 separate play spaces within St. James's Park, located in a Conservation Area, close to Shaftesbury Town Centre and immediately to the south of Park Walk.
- 140 EXISTING UTILITIES AND SERVICES
- The client has stated that as far as they are aware there are no services in the park other than the BT cable along the southern edge.
 - CAT scans will be required to check for services at all locations where excavation is to be carried out.
- 200 ACCESS TO THE SITE
- Description: St. James' Park can be accessed by vehicle from St. James's Road only. Additional pedestrian access for public and contractors is available from Park Walk at the top of the park.
 - Limitations: unrestricted to the public however temporary HERAS fencing or Similar Approved is to be erected around the three areas where works are to be undertaken.
- 210 PARKING
- Restrictions on parking of the Contractor's and employees' vehicles: Do not block roads or access to driveways. During delivery of machinery or materials disruption is to be kept to a minimum, using a banksman at all times.
 - An area of **Park Walk**, immediately to the north of the park, will be coned off for parking of contractor's vehicles. Registration numbers to be provided to the Town Council prior to commencement of works.
- 230 SURROUNDING LAND/ BUILDING USES
- Park will remain open during the works. Residential properties are located adjacent to the park.
- 250 SITE VISIT
- Assessment: Ascertain the nature of the site, access thereto and all local conditions and restrictions likely to affect the execution of the Works.
 - Arrangements for visit: Site is accessible to public at all times but an accompanied visit can be arranged on request via Brie Logan, Clerk to the Town Council. BrieLogan@shaftesbury-tc.gov.uk

A13 DESCRIPTION OF THE WORK

120 THE WORK

- Description: removal of existing play equipment, installation of new play equipment (to be ordered direct by the Town Council), resurfacing of ball court and new footpaths, resurfacing of entrance to park, plus minor groundworks and turfing to ensure that the equipment is integrated fully within the park landscape.

A20 JCLI LANDSCAPE WORKS CONTRACT:

JCLI LANDSCAPE WORKS CONTRACT

- The Contract: JCLI Landscape Works Contract 2017 (JCLI LWC 2017)
- Requirement: Allow for the obligations, liabilities and services described.

THE RECITALS

First - THE WORKS

- Comprise: landscape and play improvements to St. James's Park
- At: See clause A12/140.
- Landscape Architect/ Contract Administrator: See clause A10/140.

Second - CONTRACT DOCUMENTS

- Contract drawings: As listed in clause A11/120
- Contract documents: Pre Construction Information, Prelims and Outline Specification

Third - PRICED DOCUMENTS

- The references to Schedule of Rates will be deleted.

THE ARTICLES

3 - LANDSCAPE ARCHITECT/ CONTRACT ADMINISTRATOR

- Landscape Architect/ Contract Administrator: See clause A10/140.

4 AND 5 - PRINCIPAL DESIGNER/ PRINCIPAL CONTRACTOR

- Principal Designer: See clause A10/150.
- Principal Contractor: See clause A10/130.

CONTRACT PARTICULARS

Fourth Recital and Schedule 2 - BASE DATE

- Base date: 15th July 2022.

Fourth Recital and clause 4.2 - CONSTRUCTION INDUSTRY SCHEME (CIS)

- Employer at the Base Date is a 'contractor' for the purposes of the CIS.

Fifth Recital - CDM REGULATIONS

- The CDM Regulations apply, the project is not notifiable, clause 3.9 applies

Sixth Recital - FRAMEWORK AGREEMENT

- Framework agreement: Does not apply.

- Seventh Recital and Schedule 3 - SUPPLEMENTAL PROVISIONS all apply

Article 7 - ARBITRATION

- Article 7 and Schedule 1 apply.

Clause 1.1 - CDM PLANNING PERIOD

- Shall mean the period of two weeks ending on The Date for Commencement of the Works.

Clause 2.2 - COMMENCEMENT AND COMPLETION

- Date for Commencement of the Works: 10th October 2022.
- Date for Completion: 16th December 2022

Clause 2.8 - LIQUIDATED DAMAGES

- At the rate of £500 per calendar week or pro-rata thereto.

Clause 2.10 - RECTIFICATION PERIOD

- Defects and plant establishment by Employer: Clause 2.10B applies (2.10A deleted).
- Rectification period: Twelve months from the date of practical completion.

Clause 4.3.1 - PERCENTAGE OF THE TOTAL VALUE OF WORK ETC

- Percentage: 95%.

Clause 4.4.1 - PERCENTAGE OF THE TOTAL VALUE OF WORK ETC

- Percentage: 97.5%.

Clause 4.8.1 - SUPPLY OF DOCUMENTATION FOR COMPUTATION OF AMOUNT TO BE FINALLY CERTIFIED

- Period: 14 days after the expiry of the Rectification Period.

Clause 4.11 and Schedule 2 - CONTRIBUTION, LEVY AND TAX CHANGES

- Clause 4.11 and Schedule 2 will be deleted.

Clause 5.3.2 - CONTRACTOR'S INSURANCE - INJURY TO PERSONS OR PROPERTY

- Insurance cover (for any one occurrence or series of occurrences arising out of one event): Not less than £10million.

Clauses 5.4A, 5.4B and 5.4C - INSURANCE OF THE WORKS ETC - ALTERNATIVE PROVISIONS

- Clause 5.4A (Works insurance by Contractor in Joint Names) applies.

Clauses 5.6.5 - 1 PERCENTAGE TO COVER PROFESSIONAL FEES

- Addition: 15 per cent.

Clause 7.2 - ADJUDICATION

- The Adjudicator is: President of the Landscape Institute.
- Nominating body: Landscape Institute.

Schedule 1 paragraph 2.1 - ARBITRATION

- Appointor of Arbitrator (and of any replacement): President or a Vice president of the: Landscape Institute.

A30 TENDERING/ SUBLETTING/ SUPPLY

170 ACCEPTANCE OF TENDER

- Acceptance: No guarantee is offered that any tender will be recommended for acceptance or be accepted, or that reasons for non acceptance will be given.
- Costs: No liability is accepted for any cost incurred in the preparation of any tender.

250 PRICED SCHEDULES OF WORK

- Alterations: Do not alter or qualify the priced schedules of work without written consent. Tenders containing unauthorised alterations or qualifications may be rejected.
- Measurements: Where not stated, ascertain from the drawings.
- Deemed included: Costs relating to items, which are not priced, will be deemed to have been included elsewhere in the tender.
- Submit: with tender.

300 QUANTITIES IN THE PRICED DOCUMENT

- Quantities: Where included in the priced document, these have not been prepared in accordance with SMM7
- Items, descriptions and measurements not prepared in accordance with SMM7 must be priced taking account of the information given elsewhere in the tender documents, including for all associated and ancillary work shown or clearly apparent as being necessary for the complete and proper execution of the work.

310 TENDER

- General: Tenders must include for all work shown or described in the tender documents as a whole or clearly apparent as being necessary for the complete and proper execution of the Works.

550 HEALTH AND SAFETY INFORMATION

- Content: Describe the organisation and resources to safeguard the health and safety of operatives, including those of subcontractors, and of any person whom the Works may affect.

A31 PROVISION, CONTENT AND USE OF DOCUMENTS

410 ADDITIONAL COPIES OF DRAWINGS/ DOCUMENTS

- Copies: Two of each contract drawing and contract document will be issued free of charge (not counting any certified copies).
- Additional copies: Issued on request and charged to the Contractor.

440 DIMENSIONS

- Scaled dimensions: Do not rely on.

450 MEASURED QUANTITIES

- Ordering products and constructing the Works: The accuracy and sufficiency of the measured quantities is not guaranteed.
- Precedence: The specification and drawings shall override the measured quantities.

A32 MANAGEMENT OF THE WORKS

110 SUPERVISION

- General: Accept responsibility for coordination, supervision and administration of the Works, including subcontracts.

- 150 OWNERSHIP
 - Alteration/ clearance work: Materials arising become the property of the Contractor except where otherwise stated. Remove from site as work proceeds unless stated otherwise in the contract documentation.
- 210 PROGRAMME
 - Programme: before starting work on site submit in an approved form a programme for the Works
- 310 EXTENSIONS OF TIME
 - Notice: When a notice of the cause of any delay or likely delay in the progress of the works is given under the contract, written notice must also be given of all other causes which apply concurrently.
- 430 PROPOSED INSTRUCTIONS
 - Estimates: If a proposed instruction requests an estimate of cost, submit within seven days.
- 460 INTERIM VALUATIONS
 - Applications: Include details of amounts requested under the Contract together with all necessary supporting information.

A33 QUALITY STANDARDS/ CONTROL

- 320 SETTING OUT
 - Notify discrepancies and obtain instructions before proceeding.
 - Inform: When complete and before commencing construction.
- 710 WORK BEFORE COMPLETION
 - General: Make good all damage consequent upon the Works.
- 730 MAKING GOOD DEFECTS
 - Remedial work: Arrange access with Contract Administrator.
 - Rectification: Give reasonable notice for access to the various parts of the Works.
 - Completion: Notify when remedial works have been completed.

A34 SECURITY/ SAFETY/ PROTECTION

SECURITY, HEALTH AND SAFETY

- 140 CONSTRUCTION PHASE HEALTH AND SAFETY PLAN
 - Submission: Present to the Employer/ Client no later than two weeks prior to commencement of the works on site.
 - Confirmation: Do not start construction work until the Employer has confirmed in writing that the Construction Phase Health and Safety Plan includes the procedures and arrangements required by the CDM Regulations.
- 150 SECURITY
 - Access: Take all reasonable precautions to prevent unauthorized access to the site, the

Works and adjoining property.

- Special requirements: The site is an existing park and public access through the park must be allowed for throughout the works. HERAS fencing or other Similar Approved fence, shall be erected around each of the three working areas during the contract until Practical Completion.

210 EMPLOYER'S REPRESENTATIVES SITE VISITS.

- Protective clothing and/ or equipment: Provide and maintain on site for the Employer and the person stated in clause A10/140 and other visitors to the site.

350 PESTICIDES

- Use: are not to be used

390 SMOKING ON SITE

- Smoking on site: Not permitted.

400 BURNING ON SITE

- Burning on site: Not permitted.

510 EXISTING SERVICES

- Identification: Before starting work, check and mark positions of utilities/ services. As far as the client is aware these are restricted to a BT cable along the southern edge of the park.
- Damage to services: If any results from execution of the Works:
 - Immediately give notice and notify appropriate service authority/ statutory undertaker.
 - Make arrangements for the work to be made good without delay to the satisfaction of service authority/ statutory undertaker or other owner as appropriate.

520 ROADS AND FOOTPATHS

- Duty: Maintain roads and footpaths within and adjacent to the site and keep clear of mud and debris.
- Damage caused by site traffic or otherwise consequent upon the Works: Make good to the satisfaction of the Employer

530 EXISTING TOPSOIL/ SUBSOIL

- Duty: Prevent over compaction of existing topsoil and subsoil in those areas which may be damaged by construction traffic, parking of vehicles, temporary site accommodation or storage of materials and which will require reinstatement prior to completion of the Works.
- Protection: Before starting work submit proposals for protective measures.

550 RETAINED TREES

- Protected area: Unless agreed otherwise do not:
 - Dump spoil or rubbish, excavate or disturb topsoil, park vehicles or plant, store materials or place temporary accommodation within an area which is the larger of the branch spread of the tree or an area with a radius of half the tree's height, measured from the trunk.
 - Sever roots exceeding 25 mm in diameter. If unintentionally severed give notice and seek advice.
 - Change level of ground within an area 3 m beyond branch spread

A35 SPECIFIC LIMITATIONS ON METHOD/ SEQUENCE/ TIMING

170 WORKING HOURS

- Specific limitations: Monday to Friday 8am-5pm.
- Saturday working may be agreed in advance on request.

SEQUENCE

- Specific limitations: none
- The contractor is to indicate their preferred sequence of works on an outline programme to be supplied with the priced tender

A36 FACILITIES/ TEMPORARY WORK/ SERVICES

330A TEMPORARY PROTECTION TO EXISTING TREES/ VEGETATION

- Temporary protection: Provide before starting work in locations shown on drawings
- Integrity of protection: Maintain for the duration of the Works. Remove on completion of the works and make good disturbed area.

340 NAME BOARDS/ ADVERTISEMENTS

- Name boards/ advertisements: permitted, subject to Town Council approval, contractor to provide details. Out of hours contact number should be included (to be agreed with Town Council).

SERVICES AND FACILITIES

430 WATER

- Supply: Clean fresh water for the execution of the Works.
- Approval: Obtain before using a supply other than potable mains water.

A37 OPERATION/ MAINTENANCE OF THE FINISHED WORKS

120 THE HEALTH AND SAFETY INFORMATION

- Content: Obtain documentation for and provide the completed Health and Safety File.
- Submit:
 - To: Contract Administrator.
 - Number of copies: two.
 - No later than: one month after practical completion
 -

OUTLINE SPECIFICATION

Q22 Asphalt roads/ pavings

115B ASPHALT CONCRETE PAVING WITH TOP DRESSING: to existing Ball Play Area

Preparation: plane off degraded surface course to receive new surface course and top dressing

- Surface course: Open textured 6mm nominal.
- Compacted thickness: 20 mm.
- Reclaimed content: contractor's choice
- Standard: To BS EN 13108-8.
- Surface treatment: 2 coats of clean 6mm Buff chippings (no fines) rolled into bitumen tack coat, aggregate to be agreed with contractor and sample to be supplied.
- Other requirements: none

NB This surface treatment will highlight any undulations or uneven-ness in the surface therefore the surface must be inspected by the CA prior to applying the top dressing. Application stages should be approximately as set out below:

- Existing surface course to be removed
- New surface course laid
- Any localised depressions regulated leaving a level surface
- Layer of Hot Bitumen is sprayed or poured onto the existing surface, closely followed by a layer of the chosen 6mm stone then rolled in the hot bitumen using a roller
- A second coat of Hot Bitumen and stone is then applied
- **On completion of the second layer of top dressing, the bitmac coat should be covered by a uniform coating of aggregate of consistent depth with no areas of bitmac showing through**
- Items masked are uncovered and the site is given a final clean
- A final sweeping should be carried out 14 days after completion or on other date to be agreed with CA, to remove any excess stone
- On completion of sweeping, a further check will be carried out to ensure that no areas of bitmac are showing through

LAYING

315 MATERIALS

- Compatibility: Chippings suitable for use with respective binders/ emulsions/ resin/ epoxy.

340 LAYING GENERALLY

- Finished surfaces:
 - Lines and levels: To prevent ponding.
 - Overall texture: Even.
 - State at completion: Clean.

360 DRAINAGE FALLS

- Sealed surfaces:
 - Falls and cross falls (minimum): 1:40.
 - Camber (minimum): 1:50.

571A GEOCELLS Cellweb cellular containment system for new path from main entrance to connect with existing path at western park boundary, and path around Younger Play area

- Manufacturer: Geosynthetics Ltd. <https://www.geosyn.co.uk/product/cellweb-tree-root-protection>
 - Product reference: Cellweb TRP 150.
 - Size of cells (length x width x thickness): as manufactured, 150mm depth to accommodate occasional tractor movements on site
 - Preparation of subgrade: Having removed turf skim off surface of topsoil to leave level surface for Cellweb installation. Create recess at sides for Cellweb to grade down slightly to adjacent ground level. Supply and lay Treetex membrane over soil base as recommended by Geosynthetics, before laying Cellweb.
 - Fixing/ Connecting: as supplied by geosynthetics.
- Edging: using topsoil excavated on site, mound up gently to meet path surface, ensure that additional soil feathers into adjacent ground levels unobtrusively

Infill material to Cellweb: 150mm depth 4 – 20mm grade aggregate, no fines, do not compact. Lay Terram 1000 membrane or similar approved before laying topping in self binding gravel.

Topping: 30mm compacted depth self-binding gravel, over membrane, locally sourced material, sample to be supplied for CA approval.

571B GEOCELLS: Strataweb cellular containment system, to replace cast concrete surface at threshold to main park entrance

- Manufacturer: Geosynthetics.
 - Product reference: Strataweb 150.
 - Size of cells (length x width x thickness): 320 x 287 x 150mm.
 - Preparation of subgrade: Lay Type 1 Limestone 40mm down as regulating layer, roll and compact, to create level sub-base for Strataweb free of dips and hollows. Create recess at sides for Strataweb to grade down to adjacent path / ground level.
- Edging: not required, Strataweb to abut adjacent hard standing or soft bank edge
- Fixing/ Connecting: Steel J pins 700mm long, as supplied by Geosynthetics
 - Centres: 10 pins per panel as Geosynthetics recommendations, pins located to suit ground conditions

[Strataweb-Slope-Installation-Pinning-Detail-1 \(3\).pdf](#)

Infill material: 150mm depth of MOT Type 3 sub-base, rolled and compacted

Topping: 30mm compacted depth self-binding gravel, locally sourced over Terram 1000 membrane or Similar Approved, as with Cellweb above.

Q26 Special surfacings / pavings for sport / general amenity

IMPACT ABSORBING SURFACINGS FOR PLAY AREAS

310 BARK SURFACING: to hammock and around play-houses

- Granular sub-base: none required
- Geotextile membrane: none required
- Edging: outside the fall zone, supply and install horizontal logs using tree surgery arisings, diameter 150 – 300mm, pegged into ground
- Grade: Playground grade bark free from dust, pests, disease, weeds, coarse angular fragments and sharp pieces.
- Nominal particle size: 20-80 mm, well graded.
- Depth (minimum): 200mm
- Submit: Critical fall height: Evidence of testing to BS EN 1177.

320 SAFETY MATTA SURFACING **or Equivalent** to play equipment generally

Granular sub-base: not required

Geotextile membrane: mesh underlay supplied by

Product reference: Safety Matta

Material: 97% recycled, fire retardant PVC Interlocking Tiles

Colour: Black

Dimensions: 500mm x 500mm x 25mm.

Fixing: securely fastened using 5 x 225 mm nylon pins per 500mm length (which securely lock into recesses in the mats)

Critical fall height: Evidence of testing to BS EN 1177.

Features: 10-year warranty

To be supplied and installed by Matta Products, Triumph Way, Kempston, Beds. MK42 7QB. OR EQUIVALENT

Tel: 01234 848484

Email: mattasales@phs.co.uk

Web site: www.matta.co.uk

415A VERTICAL RAISED EDGING TO PLAY-HOUSES AREA

- Material: reclaimed Hardwood logs, (tree surgery arisings) sat upright / vertically on existing surface, butted up tight and pegged into place.

Supplier: contractor's choice

- Height: height will vary between 400mm and 600mm.

- Size: approximately 300 - 500mm diameter.

- Fixings: peg into the ground to secure. Logs to sit on existing surface, under own weight

415B HORIZONTAL RAISED EDGING TO SURFACING FOR PLAYHOUSES

- Material: single row of reclaimed English oak logs, (tree surgery arisings) laid horizontally on existing surface, butted up tight.

Supplier: Contractor's choice

- Finish: bark on, base of logs skimmed by supplier to allow logs to sit flush on ground

- Height: diameter to vary between 200mm and 350mm.

- Length: approximately 2m.

Fixings: pegged into ground to secure.

Q30 Seeding/turfing

115 SEEDED AND TURFED AREAS

- Growth and development: Healthy, vigorous grass sward, free from the visible effects of pests, weeds and disease.
- Appearance: A closely knit, continuous ground cover of even density, height and colour.

120 CLIMATIC CONDITIONS

- General: Carry out the work while soil and weather conditions are suitable.

145 WATERING

- Quantity: Wet full depth of topsoil.
- Application: Even and without displacing seed, seedlings or soil.
- Frequency: As necessary to ensure the establishment and continued thriving of all seeding/turfing.

231 PEAT

- Peat or products containing peat: Do not use.

280 FINAL CULTIVATION

- Seed bed: Reduce to fine, firm tilth with good crumb structure.
- Depth: 25 mm.
- Surface preparation: Rake to a true, even surface, friable and lightly firmed but not over compacted.
- Remove surface stones/earth clods exceeding 30mm.

TURFING

410 TURF FOR ALL TURFED GRASSED AREAS

- Standard: To BS 3969, free from undesirable grasses and weeds.
- Suitability: hard wearing / play spaces / shade tolerant

Mix: similar to 60% Hard Wearing Dwarf Perennial Rye grass, 25% Smooth Stalked Meadow Grass, 15% Slender Creeping Red Fescue

Supplier: Contractor's choice, to be approved by CA.

430 TURFING GENERALLY

- Time of year: To be agreed.
- Weather conditions: Do not lay turf when persistent cold or drying winds are likely to occur or soil is frost bound, waterlogged or excessively dry.
- Working access: Planks laid on previously laid turf. Do not walk on prepared bed or newly laid turf.
- Jointing: Laid with broken joints, well butted up. Do not stretch turf.
- Edges: Whole turfs, trimmed to a true line.
- Adjusting levels: Remove high spots and fill hollows with fine soil.
- Consolidating: Lightly and evenly firm as laying proceeds to ensure full contact with substrate. Do not use rollers.
- Dressing, brushed well in to completely fill all joints: Compost .
- Watering: Thoroughly water completed turf immediately after laying. Check that water has penetrated into the soil below

PROTECTING/CUTTING

530 FIRST CUT OF GRASSED AREAS

- Timing: When grass is reasonably dry.
- Height of initial growth: 40-75 mm.
- Preparation:
 - Debris and litter: Remove.
 - Stones and earth clods larger than 25 mm in any dimension: Remove
- Height of first cut: 50 mm.
- Mower type: Contractor's choice.
- Arisings: Remove from site.

Q31 External planting**505 TREE PITS: For three trees in Older Play area**

- Sizes: 75 mm deeper than root system and wide enough to accommodate roots when fully spread.
- Pit bottoms: With slightly raised centre. Break up to a depth of 200 mm.
- Pit sides: Scarify.
- Backfilling material: see below
- Accessories: Tree pit drainage- Mona Relief Tree Irrigation Watering System, from Green-Tech **OR EQUIVALENT**
<https://www.green-tech.co.uk/tree-and-planter-irrigation-systems/tree-and-plant-watering-systems/mona-tree-irrigation/mona-relief-tree-irrigation-watering-system>

575 SHORT DOUBLE STAKING FOR ALL TREES

- Staking: Drive stakes vertically at least 300 mm into bottom of pit on either side of tree position before planting.
- Backfilling: Consolidate material around stakes.
- Height of stakes: Cut to approximately 600 mm above ground level.
- Cross bar: Submit proposals.
- Ties: Holdfast Natural Tree Tie, PRODUCT CODE: 160PS1745, from Green-Tech **OR EQUIVALENT**
<https://www.green-tech.co.uk/tree-planting-products/tree-ties-and-support/holdfast-natural-tree-tie>
- Tying: Secure tree firmly but not rigidly to cross bar.

586 TREE BACKFILLING MATERIAL

- Composition: Previously prepared mixture of topsoil excavated from pit and additional topsoil as required.

590 MULCHING TREES

- Material: Medium grade bark mulch.
- Recycled content: Contractor's choice.
- Preparation: Clear all weeds. Water soil thoroughly.
- Coverage: In a circular area of 500 mm radius measured from the tree stem.
- Finished level of mulch: 30 mm below adjacent grassed or paved areas

PROTECTING**600 POST AND 3 WIRE FENCING**

to provide temporary protection for planting at rear of Younger Play area

- Manufacturer for wire / stakes: contractor's choice
- Wire: galvanised, 3 strands each 250mm apart
- Posts: Round, 75mm diameter treated softwood posts 1.0m high above ground level set into ground to depth of 400mm.

- Treatment: none
- Finish: None.
- Maximum centres of posts: 1500mm.
- Method of setting posts– rammed securely into soil
- Accessories: Staples.

600B WELDMESH TREE GUARD

to provide temporary protection for trees till established

- Manufacturer: Green tech **OR Contractor to construct on site**
- Green-tech Product reference: 160PS1622-PRO
- Height: 1200 mm. Diameter: 300mm
- Mesh: 12 gauge galvanised wire with 25 x 75mm grid size.
- Posts: SUPPLIED SEPARATELY Round, 75mm diameter treated softwood posts 1.5m high / 1.2m above ground level
- Treatment: none
- Finish: None.
- Accessories: cable ties or staples to fix mesh to stake

Q52 Play and sports equipment systems

140 BASKETBALL HOOP AND SUPPORT

Product reference: Sure Shot 65645P Original Gooseneck in-Ground Unit
Product Code 65645P

Supplier: <https://shop.basketballengland.co.uk/collections/basketball-equipment>

The Original Gooseneck includes a galvanised steel fan-shaped backboard measuring 135cm x 115cm with a classic white finish and black details. 45cm solid steel powder coated ring and a heavy-duty zinc coated post

The ring has a Standard Euro DIN 4 hole pattern of 110mm x 90mm and comes with a white 12 loop nylon net. Installation requires a 1m cube hole.

Features:

- Backboard Material: galvanised steel, weather resistant fan-shaped backboard
- Backboard Size: 53" x 45" (135cm x 115cm)
- Backboard Colour: white with black details
- Ring: 18" (45cm) solid steel powder coated ring
- Pole: Heavy duty zinc coated post
- Padding: included but not to be fitted as the pole sits within the timber wall
- Weight 114kg
- Unit can withstand a load bearing of 280kg.
- EN1270 certified
- Approved by Basketball England

235 REBOUND WALLS FOR BALL PLAY AREA (refer to dwg. ref. 298-05)

Bespoke item in sleepers or similarly dimensioned hardwood, some flexibility possible for dimensions, eg hardwood sleepers (treated, but not with creosote) or reclaimed groyne timber eg Greenheart or Ipepe Reclaimed timber preferred. *No creosote treated timber or softwood*

Finish: sawn not required, as supplied from yard (subject to CA approval)

Supplier: Ashwells Timber OR SIMILAR APPROVED

Contact: Janine Tutt

Wick Place Farm, Brentwood Road

Bulphan, Upminster

Essex, RM14 3TL

CA will select timber at Ashwells if this is the chosen supplier. We work with Ashwells frequently and they are very reliable.

Installation: set into a concrete trench footing approx. 2/3 above ground 1/3 below with 75mm between each timber. Support for basketball hoop to be installed centrally within Wall B and goal width / gap between wall A and Wall C to be 2m.

Refer to schedule below for quantities.

Timber Schedule

Quantities	Wall A (<i>straight with curved end</i>)	Wall B (<i>curved</i>)	Wall C (<i>straight</i>)
Length	3900mm	2600mm	2600mm
Total no. timbers (<i>approx. 250mm wide</i>)	12 timbers + 12 gaps @ 75mm	8 timbers + 8 gaps @ 75mm	8 timbers + 8 gaps @ 75mm
Heights	4 timbers @ 1m (0.5m above ground) 4 timbers @ 1.5m (1m above ground) 4 timbers @ 2m (1.5m above ground)	8 timbers @ 2.6m high (2m above ground)	2 timbers @ 2m (1.5m above ground) 3 timbers 1.5m (1m above ground) 3 timbers @ 1m (0.5m above ground)
Total length timber per wall	181m	20.81m	11.51m

PLAY EQUIPMENT GENERALLY

Play equipment items to be supplied to the site by the client. Assembly and installation instructions for each item of equipment to be obtained by the Contractor from the play companies listed below.

Contact details for **Timberplay** items:

Contact: Michelle Ruther

Email: Michelle@timberplay.com <http://www.timberplay.com/>

www: <http://www.timberplay.com>

Mobile: 07787 412973

Fax: 0114 282 3463

Address: Timberplay Ltd, Aizlewoods Mill, Nursery Street, Sheffield, S3 8GG

Tel: 0114 282 1284

Contact details for **Children's Playground Company** items:

Contact: Rinske Wassenaar

The Children's Playground Co. Ltd (UK)
1 George Street, Snow hill
Wolverhampton, WV2 4DG.

T: 0044 (0) 1902 422 515

F: 0044 (0) 1902 467 330

UK Registration No. 04349835

VAT No. 784143518

sales@thechildrensplayground.com

PRODUCTS

The items below are to be ordered in advance by the client. The list is for information only.

St. James's Park Shaftesbury: Play Equipment Schedule

Services of Parkland County Play Equipment Schedule							
Item	Product ref.	Item name	Supplier	IAS type	Footprint/		Notes
					IAS area	CFH	
Younger Play: Site A							
1	5.178.01	3 Cornered Tower with ladder and fireman's pole, platform height 1.2m	CPCL	S/Matta		1.2m	Advance clearance needed
2	5.141-1.50m	Platform and Wide Slide	CPCL	S/Matta	7.7x4.6m	1.5m	No IAS required only erosion control
		Slide access (side paths and runout area)		S/B gravel		n/a	"
3	DRE 28000	Turbo Disc, 1m diameter	CPCL	S/Matta			
4	4.005.01	Basket Swing, height 2.5m NB hemp coloured seat	CPCL	S/Matta	7.2 x 2.9m		
5	4.016	Single Cradle Seat Swing	CPCL	S/Matta	6.5 x 1.8m	0.95m	
6	L4.10100	Small Play House	TP	Chip	5x9m	0.6m	Surfacing for erosion control not IAS
7	L4.10200	Big Play House	TP	Chip	"	0.6m	"
8	2.012	Balance Rope, 3m long rope	CPCL	n/a	3.16x6.4m	0.5m	
9	2.005.01	Stilt Walk (with handholds)	CPCL	n/a	4.5x3.7m	0.5m	
10	2.205	Wobble Jetty (3m length)	CPCL	n/a	6.3x3.8m	0.5m	
Older Play: Site B							
11	808	Hercules Rope Hammock NB hemp coloured rope	Huck Play	Chip	4.8x6.25m	1.5m	Bespoke fixings to trees
12	7.45000	Tractor Tyre Swing	TP	S/Matta	9.7m diameter	3m	9.7m diameter 60m2
13	2.041-3	Treble Bars	CPCL	S/Matta	3.6x7m	1.8m	25m2

PLUS

Huck Delivery

CPCL delivery

Timberplay delivery

PRODUCTS (CONTINUED)

Products selected and listed in the table above are all standard catalogue items to be installed in line with manufacturer's recommendations.

The only exception to this is the **Hammock** which is to be attached at either end to a (living) tree in the park. The fixing specified is a bespoke, 'non-intrusive' fixing, designed to accommodate the growth of the trees over time and photo sheet 298-07 shows a previous scheme where this has been done successfully.

320B HAMMOCKS FOR ATTACHMENT TO TREES ABOVE BALL PLAY AREA

- Standard: To BS EN 1176-1.
- Manufacturer: Huck Play.
 - Product reference: Hercules Rope Hammock, product code 808.
- Age range: not specified.
- Materials: 16mm diameter polypropylene rope with 6 strand steel core.
 - Finish: None.
 - Colour: **Hemp Coloured**.
- Length: 4.8m.
- Width: 0.8m.
- Accessories: restrictor rope to each end.
- Method of fixing: Include 2 no. heavy duty shackle fixings with swivel bush, as recommended by manufacturer Huck Play, for attachment to webbing detail round tree bole (refer to photo sheet 298-07 for more details of this webbing item) .
 - Marine grade fixings are to be used (316 steel)
 - No fixings should be allowed to penetrate the tree bark.
 - Steel cabling shown should be a suitable length and diameter designed for the particular tree it is attached to. Previously we have used 8mm thick 7x19 Steel Wire Rope which is highly flexible but strong.
 - Battens should be in hardwood approx. dimensions 200mm long x 100mm wide x 50mm thick with routed groove to seat cable securely
 - All fixing details must to be discussed in advance with CA prior to placing orders for materials or carrying out the installation.

COMPLETION

920 PLAY SURFACE TESTING

- Standard: To BS EN 1177 and BS 7188, where applicable.
- Testing body: to be organised by Contractor (installer of the equipment)
- Timing: Within ten days of completing the surfacing works.
- Test results: Submit.

930 DOCUMENTATION

- General: For all types of surfacing, provide the following (to be included within the Health and Safety File):
 - Name and contact details of installer.
 - Date of installation.
 - Name and contact details of manufacturer.
 - Type/ description/ reference of products used.
 - Manufacturer's recommended inspection and maintenance procedures to maintain safety and impact absorbing performance.
 - Manufacturer's recommended cleaning and maintenance method