



### Nature of Works

The main contractor will be responsible for all works required to plan, risk manage, protect, secure, monitor, coordinate and construct the following elements:

Clearance, soil stripping, regrading, strung lighting ducts, bituminous macadam surfaced access road, recycled LDPE cellular ground reinforcement interlocking panels and grass surfaced car park, soakaway, birdsmouth fencing, marker posts, single rail barriers, hedge cam, planting and seeding.

### Drawing

1:200 Layout Plan *BSPC/NJ/01*

### Inspection of the Site

The site is openly accessible for inspection. Specific queries should be addressed to the **Principal Designer** Nick Jones (Tel: 03000 267140 or [panicstation@btinternet.com](mailto:panicstation@btinternet.com)) acting on behalf of the **Client: Broomley & Stocksfield Parish Council**.

The Principal Contractor shall be held to have visited the site and satisfied themselves as to the nature of ground conditions, the means of access to the site, and any other matters affecting the execution of the works, as no claims arising from lack of knowledge due to not having done so will be entertained.

### Health and Safety

The Principal Contractor and any sub-contractors are required to comply with the statutory requirements under the Safety at Work Act. In particular no work will be allowed to proceed unless the appropriate safety clothing and equipment are used.

The Principal Contractor will be required to develop and submit with the tender a **Health and Safety Plan** and **Construction Method Statement** as required by the *Construction (Design and Management) Regulations 2015*.

*Condition 4* of the Planning Approval (*Northumberland CC: 17/00663/FUL*) states the following:

*Development shall not commence until a Construction Method Statement has been submitted to and approved in writing by the Local Planning Authority. The approved Construction Method Statement shall be adhered to throughout the construction period. The Construction Method Statement shall, where applicable, provide for:*

- i. Details of temporary traffic management measures, temporary access, routes and vehicles;*
- ii. Vehicle cleaning facilities;*
- iii The parking of vehicles of site operatives and visitors;*

- iv. The loading and unloading of plant and materials;*
- v. Storage of plant and materials used in constructing the development;*
- vi. Measures to control the emission of dust and dirt;*

The Statement and Plan must be workable and regularly reviewed; they must be sufficiently developed to allow work to commence and properly address early issues such as mobilization, welfare and ground works. The Health and Safety Plan must be expanded using the specific knowledge of any sub-contractors prior to commencing that activity.

It is the Contractor's responsibility to ensure that all workers are provided with suitable health and safety induction, information and training. The Contractor will have a duty to provide suitable health and safety training for their own directly employed workers but not necessarily have to provide such training for sub-contractors they employ on the contract. However, they will need to include consideration of such training when assessing the competence of companies and the people working for them.

#### Welfare facilities

CDM 2015 requires that the Contractor arranges suitable welfare facilities (including first aid and independent toilet facilities) from the start of the project.

#### Site rules, working constraints and restrictions of operations

The Contractor shall restrict his operations, men, plant, etc., to within the site boundaries as defined on the Site Plan. The work should be continuous and programmed to be completed in as short a time as possible with a suitably large work force.

#### Existing Services

No services information is recorded on design drawings. It should be noted that overhead wires *may* traverse the site. **No responsibility as to the accuracy or completeness of any information will be accepted by Broomley & Stocksfield Parish Council.**

It is the responsibility of the Contractor to prove and peg the position of the services, including the Northumbria Water installation and a water main that feeds the Cricket Club, before operations commence. The Contractor shall be responsible for damages incurred to any services and shall be responsible at his expense for the repair of any such damage.

#### Damage

The Contractor shall indemnify the Project funders against all liability in respect of damage to fences, gates, road barriers, roads, kerbs, gullies, drains and sewers. All such damage shall be made good at the Landscape Contractor's own expense. The Contractor will be required to protect existing facilities, surfaces and kerbs against any damage which may be done by or in consequence of the works and provide any temporary crossings which may be required, remove same when no longer required and reinstate to the satisfaction of the Council and pay all charges in connection therewith.

#### Site Clearance

Any debris, i.e. metal, timber, decayed or contaminated material, stones and bricks, vegetation etc above 100mm in diameter existing within the working depth of the site shall be removed to the Contractor's tip at the Contractor's expense.

On completion of works, the whole of the site will be left in a clean and tidy condition to the satisfaction of the Landscape Architect.

#### Protection, Watching and Lighting

Allow for the provision of barriers, and all other measures necessary to protect the works from trespass and the public from danger all in accordance with the requirements of the approved Construction Method Plan and the Parish Council as Client. In default of such provision the Parish Council may provide the same and deduct the cost thereof from any monies due to the Contractor under this Contract but nothing contained herein shall relieve the Contractor from his liabilities under the Conditions of Contract or otherwise. Gates and road barriers shall be made good and secure after each working day.

#### Setting Out, levels survey & service runs identification

The Contractor shall obtain the approval of the Principal Designer as to the line, levels and position of all the works and existing services prior to the start of construction.

It is the responsibility of the contractor to level survey the site with a view to achieving a single direction and angle of cross fall across the carpark at a height that minimises the quantity of material to be carted off site while reconciling finished levels smoothly with surrounding existing levels.

The vehicle access adjacent to the Multi Use Games Area (MUGA) shall be surveyed to inform finished levels with a view to achieving a maximum consistent gradient of 1:15 over a length of 20m.

#### Protective fencing

The (MUGA), associated existing hazel planting and that length of existing hedging scheduled for retention will be protected by *Heras* style temporary panels as directed by the Principal Designer prior to the start of any construction work.

#### Site clearance

Existing hedging scheduled for removal shall be agreed with the Principal Designer on site, initially coppiced & chipped, and subsequently stools and roots excavated, to ensure that the roots of hedging scheduled for retention are clean cut & buried to avoid drying out. Any lateral overhanging growth of the exposed end of the hedge should be pruned back and chipped.

No hedging work shall be undertaken after the end of March and before the start of October without express permission, and without due care to avoid any disturbance to nesting birds and consequent prosecution under the *Wildlife & Countryside Act 1981*.

A short section of post & wire fencing, near the SE corner of the MUGA will be removed.

#### Topsoil excavation, temporary storage

All existing grass & topsoil shall be stripped separately from any sub-soil, and stockpiled within an area no further north than 5m beyond the northern extent of the finished works and so as to allow continued access to the playing fields and telecommunications mast, all with the agreement of the Principal Designer. Sufficient topsoil shall be stored as to form the requisite 70mm *Gridforce* bedding layer and to resolve new and surrounding levels during reinstatement.

#### Re-spreading of topsoil

Topsoil shall be spread to a minimum 150mm depth within a minimum of 1m of carpark & road edges. Any surplus topsoil, as distinct from sub-soil, should be shaped as hedge cams not exceeding 300mm compacted height & 0.2 cu m per linear metre.

#### Birdsmouth fencing

All softwood to be tanalised.

Posts: Ex 1800 x150 x100mm. Rails: 1800 x100 x100mm, Galvanised cappings and nails

Erect posts, and concrete in to within 150mm of finished levels, to achieve 1200mm finished height in straight runs. Allow 600mm gaps between posts at corners.

#### Flexible polyethylene black & white marker posts

4no 1300mm with red reflective panels to *TSRGD, 2002* and *DfT Traffic signs manual, Ch 4: Warning signs 2004*.

Erect posts between MUGA goal recesses and access road and to signify access road as directed.

#### Hedging

6no 1+1yr B/R 60/90cm (unless stated) transplants per linear m. Notch plant into weed free side of cam. Protect with 60cm spirals & canes. 300no *Crataegus monogyna*. 20no *Corylus avellana* (45/60cm). 20no *Prunus spinosa*. 20no *Viburnum opulus*.

#### Establishment: Weed control & replacements

Allow for watering if required & 3no glyphosate applications per first growing season & one winter *kerb* application. Replace failures in November.

#### Materials, tools and mechanical plant: general responsibility

The Parish Council or Stocksfield Cricket Club will not be responsible for any materials, tools and mechanical plant left unattended on site, or areas of work incomplete, not inspected and not yet accepted as finished.

#### Starting any stage or element of operations

At least two days' notice **must** be given to the Principal Designer before **any** stage of operations begins.

#### Making good disturbed areas

The contractor will be responsible for making good excavated and topsoil storage areas, re-modelled land form, and making good any rutting resulting from access to and travel across the site.

#### Defects Liability Period

All work quantified in this contract or subject of an architect's instruction and variation order will be subject to a defects liability period of **6 months** from the date of practical completion. During this period the contractor will be responsible for carrying out the maintenance work as described in the specification and make good all defects and work which in the opinion of the Principal Designer is unsatisfactory.



Item		Qty	Unit	Rate	£	p
10	Excavate 600mm deep x 300mm wide soakaway trench. Stockpile any topsoil required for re-spreading. Allow for removal offsite to contractor's tip surplus material and sub-soil.	5	m <sup>2</sup>			
11	Supply and lay <i>terram T700</i> porous geotextile membrane, or similar approved, across road access, car park, container footprint & threshold, Allow for a minimum 300mm overlaps.	1060	m <sup>2</sup>			
12	Supply and lay <i>terram T700</i> porous geotextile membrane, or similar approved to line and wrap soakaway trench. Allow for a minimum 300mm overlaps.	30	m <sup>2</sup>			
13	Supply, lay & cap lighting duct & draw strings as directed.	40	m			
14	<b>Access Road.</b> Supply, spread, level and consolidate 300mm MOT Type 1 sub base	230	m <sup>2</sup>			
15	Supply and form 300mm x 150mm ST1 concrete foundation bedding. Allow for 150mm ST1 haunching to HB2 and BN kerbing & quadrants, and to 150 x 50mm pin kerbs (see billed items listed below)	100	m			
	Supply and lay the following HPPC <i>Charcon</i> kerbs					
16	915mm x 225x150mm HB2 straight kerbs as detailed. Allow for cutting as required.	42	m			
17	915 x 125 x 150mm BN straight kerbs.	3	no			
18	915 x 125 x 255mm HB – 125x150mm BN internal radius dropper kerbs laid at 3m radii.  Left Hand	1	no			
19	915 x 125 x 255mm HB – 125x150mm BN external radius dropper kerbs laid at 3m radii.  Left Hand Right Hand	2 1	no no			
20	915 x 125 x 150mm HB2 external radius kerbs laid at 3m radii	7	no			
21	915 x 125 x 150mm BN AS Crossing Kerbs	4	no			
22	305 x 255mm QHB Quadrants	4	no			
23	915 x 150 x 50mm pinkerbs	52	m			
24	Supply and lay 100mm dense bitmac base course	230	m <sup>2</sup>			
25	Supply and lay 40mm close graded bitmac wearing course	230	m <sup>2</sup>			
26	<b>Car Park.</b> Supply, spread, level and consolidate 250mm MOT <b>Type 3</b> granular sub base	800	m <sup>2</sup>			
27	Supply and form 200mm deep x 225mm ST1 concrete foundation bedding and 125mm haunching	120	m			
	b/f					

Item		Qty	Unit	Rate	£	p
28	Supply and lay 915 x 150 x 50mm HPPC pin kerbs	120	m			
29	Supply, pre-mix, cultivate, stone pick and spread bedding layer: 30% sharp sand with 70% existing topsoil to achieve 70mm consolidated depth across area to be cellular tiled	20	m <sup>3</sup>			
30	Supply and lay: <i>Gridforce GF40</i> green recycled polyethylene 40mm deep, interlocking cellular tiles. Allow for re-laying any settled areas during defects liability period.	780	m <sup>2</sup>			
31	Supply and fix <i>Gridforce</i> yellow marker blocks to denote parking bays	115	no			
32	Cultivate, stonepick and re-spread existing topsoil to fully fill cellular tiles.	780	m <sup>2</sup>			
33	Supply, spread, cultivate, stone pick and grade out existing topsoil to make good surrounding levels across verges and areas surrounding the car park and access road as required.. Allow for the filling and levelling of any ruts and ground disturbance within and outside the working area. Allow for removing surplus topsoil and excavated material off site to contractor's tip.		item			
34	<b>Steel Container.</b> Supply, spread, level and consolidate 300mm MOT Type 1 granular sub base on area scheduled to accommodate re-located steel container and approach	30	m <sup>2</sup>			
35	<b>Soakaway.</b> Supply and lay clean 50mm nom whinstone chips to trench and soakaway to within 150mm of surface levels. Allow for backfilling to surface levels with topsoil	10	m			
36	<b>Fencing &amp; Posts</b> Supply and erect single 1.2m birdsmouth fencing as specified. Allow for concreting in.	95	m			
37	Supply and erect flexible reflective traffic marker posts between MUGA and access road as spec' & directed. Allow for concreting in.	6	no			
38	Allow for the supply, installation, metering & connection of lighting bollards to illuminate the access road and carpark		Prov Sum		3000	00
39	Supply, plant, fit anti rabbit spiral guards & establish hedge as specified	80	m			
40	Cultivate to fine tilth, stone pick and re-seed carpark, verges and any areas of damage using an approved low maintenance, sports field grass seed mix at 35 g/m <sup>2</sup> . Allow for re-seeding failed areas or patches during the first growing season.		item			
41	Mark entrance to access road 'KEEP CLEAR' in DOT approved road marker paint using approved stencil		item			
	<b>TOTAL</b>					