



- EDGES**
- K1 HALF BATTERED KERB w/100MM UPSTAND
 - K2 FLUSH KERB
 - ET TIMBER EDGING, 138MMx50MM SECURED WITH 500x500MM PEGS

- SURFACES**
- PO POROUS ASPHALT CAR PARK/HALF BATTERED KERBS
 - RF REINFORCED GRAVEL/FLUSH KERBS
 - WHITE LINING
 - YELLOW LINING

- SOFT LANDSCAPE**
- AS AMENITY GRASS SEED
 - EXISTING GRASS AREAS RETAINED/MADE GOOD
 - BG TOPSOIL HARVESTING-REINSTATE AS SUBSOIL-SOW WITH LOW MAINTENANCE/HIGH BIODIVERSITY SEED MIX
 - SG SPORTS GRASS BUILD UP AND DRAINAGE IN LINE WITH SPORT ENGLAND REQUIREMENT
 - EXISTING TREE/SHRUBS TO BE RETAINED
 - EXISTING SHRUBS TO BE REMOVED

- FENCING**
- 2.0m WELDMESH FENCE/DOUBLE VEHICLE GATES TO MATCH. LOCALISED REINSTATMENT/MOWING MARGIN TO EXISTING GRASS (300mm WIDTH BRUSHED CONCRETE OR SIMILAR).

EXISTING FENCE TO BE RETAINED

- FURNITURE**
- ExVB EXISTING VEHICLE BARRIER-TO BE RELOCATED FROM CURRENT POSITION AS SHOWN

- GENERAL**
- EX EXISTING LANDSCAPE ELEMENT TO BE RETAINED

- +12.345 PROPOSED LEVEL
- +12.345 EX EXISTING LEVEL TO BE RETAINED
- 1:100 GRADIENT

- GOAL POSTS
- 2nr pairs of goal posts. 15m high. 5.5m width. Sizes to suit Rugby League requirements.
- Hinged/removable. Capable of being removed/erected with use of grounds maintenance tractor/vehicle. In-ground sockets to be included.
- 4nr post protectors to be included.
- Submit proposals for client approval.

SPECIFICATION: GENERAL EXISTING SOILS (GENERAL AMENITY/BIODIVERSE GRASS ONLY)
(NB. REFER TO PERFORMANCE SPECIFICATION FOR PLAYING FIELD SPORTS GRASS AREAS)

GROUND PREPARATION:
Grading and cultivation shall be in accordance with BS 4428 section 4. Subsoil that is to receive topsoil shall, whether obviously over-compacted or not, be thoroughly broken up by hand, by heavy roller, by subsoiler or tined equipment with adequate passes made to thoroughly break up the surface to a depth of 150mm, cleared of all large stones, bricks, perennial weeds, tree roots (excluding living tree roots), coarse vegetation and other extraneous matter.

Subsoil shall only be graded after loosening as above, and this shall be undertaken by the use of a tractor and blade grader on large areas and by a small mechanical grader or by hand on small areas. Ground shall at no time be traversed by heavy machinery, for grading or any other purpose after subsoiling and/or topsoiling has taken place. Any surplus sub-soil is to be removed from site.

When subsoil is deposited in low lying areas to raise formation levels, it shall be tipped and graded to approximate levels in one operation with minimum of plant trafficking. It will be lightly consolidated and left broken up ready to receive topsoil. Imported fill material shall be natural/inert subsoil free from metal, concrete or organic material with any one dimension greater than 100mm.

General: Before beginning general excavation or filling, strip topsoil from areas where there will be regrading, buildings, pavings/roads and other areas shown on drawings. Depth: 150mm. Give notice where the depth of topsoil is difficult to determine. Do not remove topsoil from below the spread of trees to be retained. Site storage: Keep separate from excavated sub-soil. Topsoil to be re-used to be tested to ensure compliance with BS 3882.

Handling topsoil
To BS 3882. Aggressive weeds: Any species: Included in the Weeds Act, section 2 or the Wildlife and Countryside Act, Schedule 8, part II. Obtain instructions before moving topsoil. Do not mix topsoil with: Subsoil, stone, hardcore, rubbish or material from demolition work, other soil or material containing aggressive weeds, sharps, plastics and non soil forming materials and notifiable animal or plant diseases, or any other substances harmful to plant growth. Multiple handling: Keep to a minimum. Use topsoil immediately after stripping.

Topsoil Storage:
Stockpile in temporary storage heaps. Submit proposals. Standard: To BS 3882. Height (maximum): 1 m. Soil heaps to lie on protected ground, protection to include tarpaulin, plastic sheet or similar covering. Protection: Do not place any other material on top of storage heaps. Do not allow construction plant to pass over storage heaps. Prevent compaction and contamination. If damage does occur, it shall be made at the contractor's own expense. Areas excavated to receive topsoil but have not had the base loosened shall not be used as temporary off-loading areas. If the bottom of the excavation has been loosened off, loading on these areas is permissible.

Spreading topsoil
Prior to topsoil replacement the formation level shall be cleared of all stones, rubbish, debris with any one dimension greater than 75mm. Areas to be seeded or turfed shall be covered by topsoil 150mm thick and areas to be planted shall be covered by topsoil 450mm thick. Topsoil shall be spread in an evenly consolidated layer and shall be left cleared of all sticks, stones and debris with any one dimension greater than 50mm throughout its depth. Unless otherwise stated the finished level shall be 25mm above adjacent hard areas. No topsoil shall be spread until the subsoil grade has been inspected by a Landscape Architect.

Soil improver where existing soil fails testing
Compost: Standard: In accordance with PAS 100. Contractor to submit proposals based on the testing recommendations. pH (1:5 water extract): 7.0 to 7.7. Electrical conductivity (maximum, 1:5 water extract): 200 mS/m. Moisture content (mm of fresh weight): 35-55%. Organic matter content (minimum): 25%. Grading (air dried samples): 80% passing 25 mm screen, and 90% passing 10 mm screen mesh aperture. Carbon/Nitrogen ratio (maximum): 20:1. Texture: Friable. Objectable colour: None.

GRASS SEEDING-GENERAL AMENITY GRASS (NB. REFER TO PERFORMANCE SPECIFICATION FOR PLAYING FIELD GRASS AREAS)
Soil testing required.

Cultivation
All areas to be cultivated to a depth of 100mm and all weeds/debris to be removed. The finished layer to be cultivated to fine 8th.

Existing turf or thick sward: Apply a translocated non residual herbicide. After total kill achieved (2-3 weeks) remove visible roots and large stones (with a diameter greater than 50 mm), plough or dig over to the full depth of topsoil, ensuring sub-soil is not brought to the surface. Follow period (minimum) one month before further works.

Initial preparation:
Minimum top soil depth 200mm (maximum 300mm). All banks, verges and landscaped features laid to grass must be capable of being cut by ride-on machinery. These areas must, therefore, be graded to a maximum slope of 150 to the horizontal or less.

Consolidation:
Lightly consolidate with a light 'Cambridge' (Ribbed) type roller or, for smaller areas, by walking with the operatives putting their weight onto their heels and walking systematically over the site in two directions.

Finished levels:
Following rolling any variations in levels (hollows and high spots) will be apparent and addressed by adding top soil or spreading the surface layer. Finished layers to meet the falls and levels of the surrounding grassed areas (acceptable variation +25mm to -10mm).
Finished level to adjacent hard surfaces, such as drains, kerbs and paving, +25mm above hard surface.

Seed bed preparation:
The surface should be lightly and uniformly raked to produce a friable tilth. All surface stones 100mm+ (in any dimension) should be removed from site.
Fertilizer: The area to have a suitable, pre-approved, base fertilizer (6:9:6) applied at the manufacturer's recommended rates.

Method
In calm conditions apply pre-approved seed at the supplier's recommended rate normally 35-50g per m². The calculated seed quantity should be sown in two and applied at right angles to each other to ensure an even coverage. Lightly rake in to cover the seed and leave a final level surface. Larger areas can be sown using a suitable seed drill. If conditions allow.

Irrigation:
Wet the top 100mm (minimum) to full depth of topsoil, ensuring even coverage without displacing seed, seedlings or soil if required. Repeat regularly as necessary to ensure even germination and establishment of all sown areas to result in a healthy, vigorous grass sward, free from the visible effects of pests, weeds and disease.

Seeding
No seeding shall take place until the soil preparation has been completed and the soil brought to a satisfactory tilth and firmness.
Mix: General Seed or similar. 01522 868 714 F. 01522 868 382 E: seeds@bshincoln.co.uk
Mixture references: A24 (Wear and Tear). Application rate as recommended by the supplier.
Sowing: Establish good seed contact with the root zone.

Temporary protective fencing
Fencing type: Chestnut pale fencing to BS 1722-4. Height: 1.1 m. Erection: On completion of seeding/turfing. Removal: After grass is well established. Fencing will remain the property of the Contractor.

First cut to grass areas
Timing: When grass is reasonably dry. Height of initial growth: 75 mm. Remove litter and debris and cut to 25mm using a suitable mower. Remove arising from site.
General: Leave the works in a clean, tidy condition at Completion and after any maintenance operation.

MAINTENANCE
To be carried out to the end of the defects liability period.
Amenity Grass
Removal of leaves. Grass cutting to handover. Patching areas of dead grass. Keep weed free.

DRAWING NOTES:

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REFERENCE FILES:

CONSULTANT	REFERENCE FILE	DATE RECEIVED
???	???	??/??/??

HEALTH, SAFETY & ENVIRONMENTAL INFORMATION:

IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR AND, WHERE APPROPRIATE, WORKING TO AN APPROVED METHOD STATEMENT.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER HAZARDS / RISKS WHICH HAVE BEEN IDENTIFIED AND RECORDED WITHIN THE PRE-CONSTRUCTION INFORMATION PACK AND / OR THE CONSTRUCTION PHASE HAS PLAN.

IN ADDITION TO THE HAZARDS / RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

ITEM N°	RISK REGISTER DETAILS
???	???

P06	STAGE 4		AA	AA	13/12/22
	GATE ADDED TO NW CORNER				
P05	STAGE 4		AA	AA	09/12/22
	UPDATED TO RUGBY LEAGUE				
P04	STAGE 4		AA	AA	06/08/19
	UPDATED FOLLOWING MEETING MAY '19 PITCH, TENDER ISSUE				
P03	STAGE 3		AA	AA	04/01/19
	UPDATED FOLLOWING MEETING 03/01, PITCH POSITIONS ADJUSTED				
	PATH AND PARKING ADJUSTED KNEE RAIL FENCE ADJUSTED				
P02	STAGE 2	TM/AA	AA		12/12/18
	DRAFT ISSUE				
P01	STAGE 2	TM	AA		07/11/18
	DRAFT ISSUE				
REV	DESCRIPTION	DRAWN	CHECK	DATE	
KEY PLAN					

CLIENT

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PROJECT TITLE BALDERSTONE PARK PLAYING PITCHES		
DRAWING TITLE SITE PLAN/GENERAL ARRANGEMENT		
PROJECT No. 0522		SCALE @ A1 1:500
DRAWING No. 0522-PLI-00-GF-DR-L-0130		DATE 07/11/18
REVISION P06		
SCALE BAR @ 1:500		
		