

Worth Parish Council

Copthorne Recreation Ground Project

**Revision D
26/05/2025**

Contract E: Civils Package 2

Preamble:

1 Tender drawings:

Tenders should be based on the details included in the following document bundle:

- a. PBA Planning drawing reference WPC-CP-01 REV C [Existing layout plan]
- b. PBA Planning drawing reference WPC-CP-03 REV B [External works plan]
- c. PJC document reference PJC/6393/24-02 [Arboricultural impact assessment, method statement and tree protection plan]

2 Tree and hedgerow protection:

All references to "the tree protection plan" shall mean PJC document reference PJC/6393/24-02.

3 Offsite disposal:

All references to offsite disposal shall be understood to mean disposal at a registered waste transfer station at the Contractors expense. Duty of Care waste transfer notes will be made available for inspection by the Project Manager or Client upon request.

4 Site condition at commencement of Contract E: Civils Package 2:

Contractors should visit the site with the Project Manager prior to preparing or finalising their tender to inspect the baseline condition of the site. Prior to commencement of Contract E: Civils Package 2 the following works will have been completed:

- a. Erection of the required tree protection fence by the Client who will undertake any reinstatement required in the event of vandalism or theft of the fence during the contract period. The Contractor must allow for temporary removal and reinstatement of the fence to enable work to be carried out with root protection areas.
- b. Removal of T5 and sections of hedgerow on Copthorne Bank required to be removed to form visibility splays for new car park access.
- c. Section 278 works to the south of the boundary with Copthorne Bank to form new car park access.
- d. Construction of MUGA and all associated works in the northern sector of the site.
- e. Setting out of site datums and key gridlines for each element of the project.

5 Preliminaries:

- a. Contractor to allow for appropriate welfare facilities for number of operatives on site.

- b. Contractor to allow for the preparation of a Construction Phase Plan.

TOTAL - Preliminaries:

Tender Works:

1 Removals:

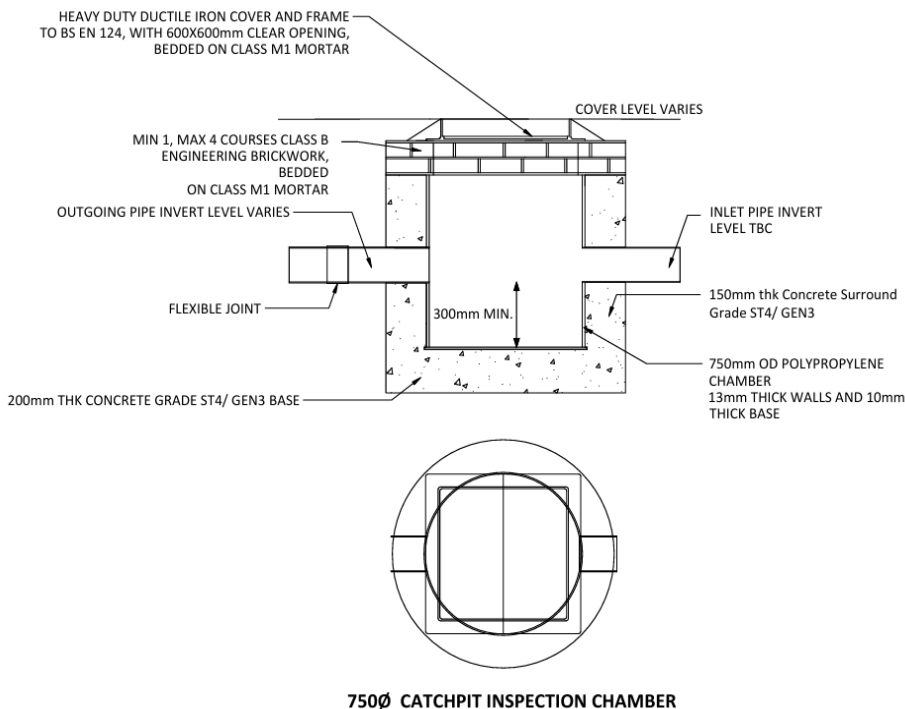
- a. Remove 2no dog waste bins and set aside for installation in new positions to be confirmed.
- b. Remove all metal panels, metal posts and foundations forming the perimeter fence around existing play area and arrange offsite disposal.
- c. Ensure 2no benches located between trees T2 & T3 and T3 & T4 behind hedge on boundary with Copthorne Bank are protected for the duration of the work.
- d. Remove two memorial benches and set aside pending instructions from Client on what will be done with them [one is located within existing play area and the other is against the eastern boundary hedge]. Break out the concrete base and hardcore beneath the bench on the eastern boundary.
- e. Remove bench located between trees T4 and T5 behind hedge on boundary with Copthorne Bank, 5no benches within existing play area and 3no litter bins within the site and arrange offsite disposal.
- f. Remove swing and foundations and arrange offsite disposal.
- g. Break out tarmac path from eastern pedestrian entrance onto Copthorne Bank to existing play area, excavate all sub-base materials and arrange offsite disposal. All work to be carried out in accordance with the tree protection plan within the root protection zones of T1 & T2.
- h. Remove gates, gate posts and foundations from western and eastern pedestrian entrances from Copthorne Bank and arrange offsite disposal. Break out posts and foundations to a minimum depth of 150mm below ground level without damaging surfaces outside gates.
- i. Break out all safety surfacing and tarmac from existing play area, excavate all sub-base materials and arrange offsite disposal [Contractor to identify a registered waste transfer station prepared to accept the safety surfacing]. All work to be carried out in accordance with the tree protection plan within the root protection zones of T2, T3 & T4.
- j. Remove tarmac [approx 45mm thick] from skateboard park, break out edgings & foundations and arrange offsite disposal. Scrape MOT Type 1 sub-base [approx 80mm thick] into stockpile for re-use.

TOTAL - Removals:

2 Car park [access road, turning area and parking bays]:

- a. Excavate base to formation levels 470mm below finished surface levels and arrange offsite disposal of all spoil [462m2 excluding kerb haunchings].

- b. Excavate 2no trenches 16m long x 2m wide [at base level] x 1.75m [minimum] below finished surface level in positions shown on the drainage plan with battered sides as shown on Section C:C. Install 2no layers of Polypipe PSM1A geocellular modular water storage crates in each trench [32no per layer, 64no per trench, 128no in total] wrapped in permeable [non-woven] geotextile on 50mm permeable blinding layer. Backfill trenches to top of crates with 20mm clean shingle and cover to formation level with MOT Type 3 sub-base (30% voids).
- c. Construct 2no catchpit manhole in positions shown on the external works plan with invert depths of 0.6m (Chamber 1) and 1.5m [Chamber 2] in accordance with the following detail [or alternative specification to be agreed with the Project Manager]:



- d. Lay 225mm Polypipe RigiDrain between Chamber 1 & Chamber 2, from Chamber 2 to first SUDS soakaway and as a link between SUDAS soakaways [total length 43m]. Drain to be fully bedded and surrounded in 10mm clean shingle.
- e. Set 125 x 255mm PCC HB2 kerbs [manufactured in accordance with BSEN1340] around perimeter of parking bays and turning area [total length including radius kerbs 107m]. Provide sloped dropper kerbs where indicated. Kerbs to be bedded on minimum 150mm deep x 325mm wide GEN0 [ST1] concrete foundation and haunched to within 50mm of top of back edge. Bottom of battered edge of kerb to be flush with adjacent finished surface.

f.	Set 125 x 150mm PCC CS2 channel [manufactured in accordance with BSEN1340] to separate turning area from parking bays [total length 35m]. Kerbs to be bedded on minimum 150mm deep x 325mm wide Gen 0 [ST1] concrete foundation and haunched to within 75mm of top edges.	
g.	Install 15no Marshalls Rhino Bollards in positions indicated on external works plan [12no bollards to be "Anti Ram root fixed" and 3no bollards to be removable].	
h.	Lay total thickness of 350mm MOT Type 3 clean primary aggregate on non-woven geotextile in properly consolidated 100-150mm thick layers [444m ²] to form base for tarmac and brick paver finishes.	
i.	Lay 90mm thick base course of 20mm SuperDrain asphalt and 30mm wearing course of 6mm SuperDrain asphalt supplied by Aggregate Industries or equivalent product to be agreed with Project Manager [272m ²].	
j.	Lay 60mm thick Brett Omega Flow permeable blocks [or equivalent block subject to approval of Client] in accordance with BS 7533-3:2005 A1:2009 to form finished surface of fourteen parking bays [total area 167m ²]. Block colour to be "Charcoal" [unless specified otherwise by Client prior to commencement] and laid on 60mm thick layer of 2-6.3mm clean primary aggregate to BS EN13242:2002 on non-woven upper geotextile. Sub-base to be blinded with laying course aggregate prior to laying of upper geotextile. Blocks to be laid in square herringbone pattern which may be compromised at cut edges to avoid creating pieces sized less than 25% of a full block. Finished surface to be compacted and joints fully filled with 1-4mm clean primary aggregate prior to any form of pedestrian or vehicle traffic.	
k.	Mark corners of parking bays with "T" marks using 100mm wide torch-on white thermoplastic tape. Base of "T" marks to be 400mm wide with 400mm leg measured from end of bay. Mark 2no disabled bays with 800mm x 737mm torch-on white thermoplastic symbols. Sprayed, rolled, poured or hand painted markings <u>MUST NOT</u> be applied. <i>Nominated supplier: Thermmark</i> Preformed Thermoplastic Roll of Lines 5m White Road Tape Disabled Sign - White Thermmark Road Markings	
TOTAL - Car park [access road, turning area and parking bays]:		

3 Paved area

a.	Excavate base to formation levels 470mm below finished surface levels and arrange offsite disposal of all spoil [206m ² excluding edging haunchings].	
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| <p>b. Set 50 x 150mm PCC edgings [manufactured in accordance with BS EN1340] around perimeter of paved area apart from section of southern edge which abuts the parking bays and is bounded by the back edge of HB1 kerbs [total length 59m]. Edgings to be bedded on minimum 100mm deep x 300mm wide ST4 concrete foundation and haunched to within 50mm of top edges.</p> | <div style="border: 1px solid black; width: 120px; height: 80px; margin: 0 auto;"></div> |
| <p>c. Lay total thickness of 350mm MOT Type 3 clean primary aggregate on non-woven geotextile in properly consolidated 100-150mm thick layers [201m²] to form base for tarmac and brick paver finishes.</p> | <div style="border: 1px solid black; width: 120px; height: 50px; margin: 0 auto;"></div> |
| <p>d. Lay 60mm thick Brett Omega Flow permeable blocks [or equivalent block subject to approval of Client] in accordance with BS 7533-3:2005 A1:2009 to form finished surface of paved area [total area 201m²]. Block colour to be "Brindle" [unless specified otherwise by Client prior to commencement] and laid on 60mm thick layer of 2-6.3mm clean primary aggregate to BS EN13242:2002 on non-woven upper geotextile membrane. Sub-base to be blinded with laying course aggregate prior to laying of upper geotextile membrane. Blocks to be laid in square herringbone pattern which may be compromised at cut edges to avoid creating pieces sized less than 25% of a full block. Finished surface to be compacted and joints fully filled with 1-4mm clean primary aggregate prior to any form of pedestrian or vehicle traffic.</p> | <div style="border: 1px solid black; width: 120px; height: 180px; margin: 0 auto;"></div> |
| <p>TOTAL - Paved area:</p> | <div style="border: 1px solid black; width: 120px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div> |

4 Play area:

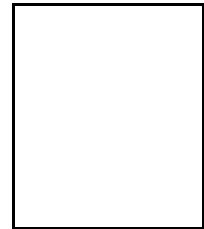
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|---|---|
| <p>a. Excavate base to formation levels 200mm below finished surface levels and arrange offsite disposal of all spoil [774m²] excluding edging haunchings].</p> | <div style="border: 1px solid black; width: 120px; height: 30px; margin: 0 auto;"></div> |
| <p>b. Set 50 x 150mm PCC edgings [manufactured in accordance with BS EN1340] around perimeter of play area apart from southern edge which has been allowed for in Section 3 [total length 79.5m]. Edgings to be bedded on minimum 100mm deep x 300mm wide ST4 concrete foundation and haunched to within 50mm of top edges.</p> | <div style="border: 1px solid black; width: 120px; height: 80px; margin: 0 auto;"></div> |
| <p>c. Lay 150mm AcoDrain with galvanised steel gratings on 100mm deep ST4 concrete foundation and haunching to within 50mm of top edge [total length 35m]. Form connection to Chamber 1 constructed in Section 2 above.</p> | <div style="border: 1px solid black; width: 120px; height: 50px; margin: 0 auto;"></div> |
| <p>d. Lay total thickness of 160mm MOT Type 1 clean primary aggregate on non-woven geotextile in properly consolidated layers [765m²] to form base for safety surfacing.</p> | <div style="border: 1px solid black; width: 120px; height: 50px; margin: 0 auto;"></div> |
| <p>TOTAL - Play area:</p> | <div style="border: 1px solid black; width: 120px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div> |

5 Paths:

a.	Carry out excavation from natural ground level down to the level of the perimeter path of the MUGA with a 1:3 batter either side of this section of path dressed with 100mm multipurpose topsoil certified to BS3882 spread with multipurpose grass seed.	
b.	Carry out reduced level excavation to a minimum depth of 220mm to establish formation levels for 3no paths and arrange offsite disposal of all spoil.	
c.	Supply and lay up to 50m of 50mm black electrical duct from electric cabinet base to position adjacent to MUGA to be confirmed. Duct to have 450mm cover with warning tape 200mm above top of duct.	
d.	Set 50 x 150mm PCC edgings [manufactured in accordance with BS EN1340] to form edges of all paths not bounded by kerbs or edgings allowed for elsewhere [total length 161m]. Edgings to be bedded on minimum 100mm deep x 300mm wide ST4 concrete foundation and haunched to within 50mm of top of back edge.	
e.	Lay 150mm thick layer of fully compacted Type 1 clean primary aggregate conforming to SHW Clause 803 & BS EN 13285 on non-woven geotextile membrane [total area 136m ²].	
f.	Fully bed 450 x 450mm buff coloured blister pattern tactile slabs on sand/cement [6m ²].	
g.	Install 900mm wide Uni-Gate at western and eastern pedestrian entrances onto Copthorne Bank on 150 x 150mm pointed treated timber posts with galvanised hinges and latch set. <i>Nominated supplier: Jacksons Fencing</i> Wooden Field Gates Timber Field Gates Jacksons Fencing	
h.	Lay and roll 50mm AC 20 dense bin 100/150 binder course and 20mm AC 6 dense surf 100/150 wearing course conforming with BS EN13108 [total area 130m ²].	
TOTAL - Paths:		

5 Hard and soft landscaping:

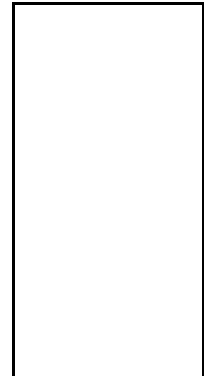
- a. Erect knee rail fencing [total length 64m] to western side of car park access & turning area, eastern side of car park access & parking bays and southern side of turning area. 2.7m long 70mm x 70mm timber rails to be fitted with top edge set 500mm above ground level. 0.9m long 100mm x 100mm timber posts to be set in concrete at 1.35m centres. Galvanised straps to be provided to secure timber rails to each post. All timber to be pressure treated.



- b. Install 7m wide double leaf opening height restrictor in position indicated on WPC-CP-02 REV B to limit height of vehicles entering car park to maximum of 2.1m. Uprights and catchposts [to secure crossbars in open position] to be 100 x 100 x 3mm box section set in concrete to a depth of 760mm below ground level. Crossbars to be 100 x 60 x 3mm box section. Metalwork to be powder coated in RAL 6005 [Moss Green] finish. 2no 1500mm x 200mm signs reading "Maximum Height 2.1m" to be fitted to centre of crossbars [1no on each] with black font on hi-vis yellow background. Client to supply padlock.

Nominated supplier: Barriers Direct.

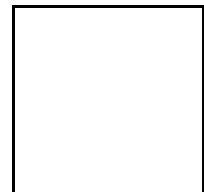
[Height Restrictor Double-Leaf Swing-Gate \(W6-11M\)](#)



- c. Reinstall 2no dog waste bins in new positions to be confirmed with mounting posts set in concrete.



- d. Form concrete bases for 2no litter bins [1.0m x 1.0m each], 2no benches [1.25m x 2.15m each] and 2no cycle storage areas [2.7m x 5.2m each] in positions indicated on WPC-CP-02 REV B. 150mm C30 concrete with trowelled finish to be laid on 150mm well compacted MOT Type 1 base. Edges to be formed with timber edgings which are to be removed after concrete has cured.

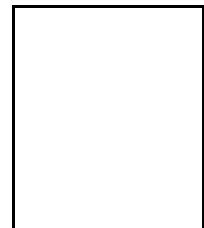


- e. Install 2no 120 litre "Derby Standard" litter bins with pyramid tops to be galvanised and powder coated in RAL 6005 [Moss Green] finish. Bins to be bolted to concrete slabs.

Nominated supplier: Broxap Limited.

<https://www.broxap.com/derby-standard-litter-bin.html>

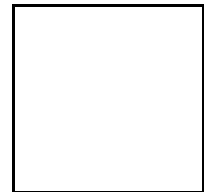
Note: Do not allow for a self closing ashtray or cigarette stubbing plate at this stage.



- f. Install 2no "Borth Seat" benches comprised of steel frames to be galvanised and powder coated in RAL 6005 [Moss Green] finish with and recycled brown plastic slats. Steel frames to be supplied with base plates and bolted to concrete slabs.

Nominated supplier: Broxap Limited.

[Borth Seat | Street Furniture](#)



- g. Install 8no Sheffield cycle stands in a set of four on each cycle storage area. Stands to be galvanised and bolted down to concrete slabs.

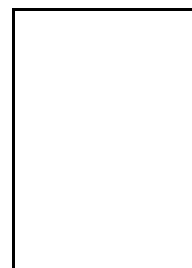
Nominated supplier: Bikedock Solutions

[Sheffield Bike Stand](#)



- h. Form concrete base to support an electrical enclosure [2.2m x 1.1m] in position adjacent to overhead electrical pole within the site. 150mm C30 concrete reinforced with a single layer of Type A142 mesh with trowelled finish to be laid on 150mm well compacted MOT Type 1 base. Provide 1no 44mm electrical hockey stick in position to be agreed. Edges to be formed with timber edgings which are to be removed after concrete has cured.

Note: Client to supply and install electrical enclosure.



- i. Lay multipurpose topsoil certified to BS3882 in areas outside of new paved areas where existing hardstandings and sub-base materials have been removed. Dress existing ground levels as required to finish flush with new kerbs and edgings. Spread general purpose grass seed on freshly laid top soil.



TOTAL - Hard and soft landscaping:



6 Handover:

- a. Remove all packaging, off cuts, left over materials, wasteage and any other detritus whatsoever on completion of all work.



TOTAL - Handover:



Worth Parish Council

Copthorne Recreation Ground Project

Revision D
26/05/2025

Contract E: Civils Package 2

Contractors name and business address:

Contact name:

COLLECTION:

TOTAL - Preliminaries:	
TOTAL - Removals:	
TOTAL - Car park [access road, turning area and parking bays]:	
TOTAL - Paved area:	
TOTAL - Play area:	
TOTAL - Paths:	
TOTAL - Hard and soft landscaping:	
TOTAL - Handover:	
TOTAL - CONTRACT SUM	