

Extract From tender specification document.

1.00 EXTERNAL WORKS

- 1.01 Access to the site is by means of the main roadway leading to the parking area at the front of the property. The Contractor is to be aware that the public require right of way over the adjoining highways, which must not be obstructed at any time throughout the period of the contract. Security must be maintained at the end of each working day, all gates or the like are to be secured. Any damage created to the adjacent roadways, paths, vegetation growth, etc, must be made good by the Contractor at his own expense.
- 1.02 Topsoil strip and reduce level excavation as required. All excavated materials to be formed into permanent soil mounds within Brittens Field.
- 1.03 Supply and lay, to specified falls, hot rolled tarmacadam finish to new Access Road and Footway, using 60mm thickness of 20mm dense tarmacadam base course and 30mm thickness of 6mm thickness of dense tarmacadem wearing course on 150mm thickness of MOT 803 Type, 250mm 6F5 capping and geo-textile membrane.
- 1.04 HB2 kerbs to either side of road and 150mm x 50mm edgings to footway.
- 1.05 Supply and lay, to specified falls, 100mm thickness of rolled path gravel/hogging to new Car Park on 150mm thickness of MOT 803 Type, 150mm 6F5 capping and geo-textile membrane.
- 1.06 **Please identify separately, the cost for the formation of the seventeen parking bays to the North of the Car Park, including all excavation, kerbing and surfacing.**
- 1.07 HB2 kerbs to all parking bays as shown.
- 1.08 Allow cut 150mm x 50mm edgings as demarcation for parking bays.
- 1.09 Formation of entrance access ramps to front and rear of the building and rear terrace area, all in 35mm Stonemarket textured Buff paving slab, on 150mm well compacted hardcore. Allow for 70m² of paving.
- 1.10 Ensure compliance for disabled access and levelled landings, at entrance doors in accordance with the Building Control Officer's requirements.
- 1.11 Formation of 1m x 1m by 125mm thick concrete ramp on 150mm well compacted hardcore, with brush finish and trowelled edges to Cellar doorway.
- 1.12 Allow for protecting all surrounding trees and shrubs as required.
- 1.13 Allow for making good all landscape areas and topsoiling to rear of kerbs as required. Seed all disturbed soil areas.

SITE CLEARANCE:

Strip off area of building of all topsoil, vegetation and toxic matter.

Extract from Engineering specification

EXCAVATIONS:

Excavate for new foundations, minimum 1.0m below proposed ground levels, subject to Building Control Bodies requirements on site and in accordance with our drawings and details. It should be noted that once excavations commence if the sub-soil contains any clay and trees are present on site the Building Control Body should be informed immediately and guidance should be followed from the NHBC tree tables. Excavate for drain runs as indicated on the drainage plan. Any changes to the layout to be agreed with the Building Control Body prior to installation.

FOUNDATIONS:

New continuous trench fill foundations to all load-bearing walls as indicated on the sub-structure plan. Foundations to be 600mm wide to external walls and 450mm wide to load-bearing/blockwork internal walls. Concrete to foundations is to be grade C20 (minimum 225mm thick concrete foundation). All walls built off foundations are to be symmetrical about the centre of the foundation. Allow for service entries and drainage where necessary and sleeve or support opening as described for drainage specification.

CAVITY WALLS BELOW GROUND:

Build up off foundations in leaves of 7N/mm² dense concrete block to suit cavity wall widths above as indicated on the sub-structure plan. Fill cavity with lean-mix concrete to within 225mm of d.p.c, top of lean-mix concrete to be angled outwards.

BELOW GROUND DRAINAGE:

Proposed foul water drainage to connect to the existing foul water drainage system (final drainage layout to be confirmed once the final foul drainage connection invert and location known). Grub up and remove all redundant drainage. All underground drainage to be 100mm diameter vitrified clay or 'PlastiDrain' - 'Hepworth' or similar with push fit flexible joints, all laid in strict accordance with manufacturer's instructions and recommendations. All drainage to be laid in 9mm single sized pea shingle bed and surround, minimum thickness 150mm except where drain runs beneath or within 1.0m of building, where below foundation level or where the crown is less than 400mm below ground level generally or 900mm in trafficked areas in which case the drains are to be encased in minimum 150mm mass concrete with flexible joints at pipe joints formed with 50mm thick polystyrene. Where pipes pass through walls and foundations, allow for full supporting of the wall above with pre-stressed concrete lintels, with a flexible joint within 150mm of each side of the wall/foundation and another within 600mm of each side. Opening both sides to be fully masked with rigid sheet material to avoid ingress of fill and vermin. Fill void with compressible sealant to prevent entry of gas. All new inspection chambers to be 'Hepworth' or similar 480mm diameter PPIC polypropylene inspection chamber to a maximum 0.9m depth from cover to invert. Manholes with a greater depth than 0.9m to be formed using proprietary concrete rings (final manhole depths to be confirmed once the full system is known and cover sizes to be sized according to depths). All gullies, manholes etc. are to be bedded on and surrounded in minimum 150mm thick mass concrete. Proposed surface water drainage to discharge to new

51/10/61 - ITFCBR1/BR2/BR3/BR4/BR5/BR6

Page 12

soakaway system as indicated on the drainage plan. Soakaways are to be sited a minimum of 5.0m from any building. Soakaways to be filled with clean stone and capped with a dpm membrane and finished with topsoil over. Soakaways are to be subject to percolation tests to BRE Digest 365 'soakaway design' being carried out by the contractor as agreed with the Building Control Body. Size and quantity to be determined following percolation testing.

DAMP PROOFING AND RADON PROTECTION:

RADON REPORT TO BE OBTAINED FOR THE SITE AND PROTECTION TO BE PROVIDED AS BELOW (WHICHEVER APPLICABLE). No protection. Dpm within the ground floor construction to be 1200 gauge polythene, 'Visqueen' or similar. Dpc to be 'Visqueen Zedex CPT' or similar. Basic protection. Dpm within the ground floor construction to be radon membrane 'Visqueen' or similar (red). Dpc to be 'Visqueen Zedex CPT' or similar. Radon membrane to be laid continuously over concrete floor slab and all joints to be fully lapped double taped and sealed. Dpm to be taken up face of all perimeter walls and intermediate load-bearing walls and fully taped and sealed to wide dpc's as indicated on the detailed drawings. All penetrations (drainage/services) through the dpm to be fully taped and sealed to provide a continuous gas tight membrane.

Full protection

Dpm within the ground floor construction to be radon membrane 'Visqueen' or similar (red). Dpc to be 'Visqueen Zedex CPT' or similar. Radon membrane to be laid continuously over concrete floor slab and all joints to be fully lapped double taped and sealed. Dpm to be taken up face of all perimeter walls and intermediate load-bearing walls and fully taped and sealed to wide dpc's as indicated on the detailed drawings. All penetrations (drainage/services) through the dpm to be fully taped and sealed to provide a continuous gas tight membrane. Install proprietary sub-floor radon sumps 'Visqueen' or similar ducted to outside of the building envelope - number of sumps to manufacturer's instructions and recommendations.

GROUND FLOOR CONSTRUCTIONS:

Option 1 (ground bearing slab)

Main building to be constructed as follows:-

- 75mm thick sand/cement screed (allow for 25mm insulation upstand where abutting external walls and internal load-

ALL LEVELS TO BE CHECKED PRIOR TO CONSTRUCTION TO ENSURE PIPE INVERT DEPTH IS SUITABLE TO RUN INTO THE TREATMENT TANK

ALL SURFACE WATER AND DRAINAGE PIPES TO HAVE MIN. 1% 100 FALL. ALL WATER UNDERGROUND DRAINAGE PIPES TO HAVE MIN. 1 IN 80 FALL.

KEY
 NEW SW DRAINAGE
 NEW FW DRAINAGE

G.L. 99.850 - GROUND LEVEL ASSUMED T.B.C. PRIOR TO CONSTRUCTION

CONSTRUCTION SW DISCHARGED INTO WATER COURSE. SW NOT TO BE DISCHARGED FROM ENVIRONMENT AGENCY

NOTE: SOMMANY'S TO BE AWAY FROM BUILDINGS

CAR PARK CONSTRUCTION AS SHOWN ON DRAWING L8008-04 DETAIL 04/04

NOTE: SOMMANY'S TO BE AWAY FROM BUILDINGS

ENVIRONMENTAL 42 RED SEWAGE TREATMENT PLANT INSTRUCTIONS TO BE FOLLOWED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS & DETAILS

OUTLET INVERT AS PER TANK MANUFACTURER'S DETAILS

OUTLET PIPE (150mm DIA) 2000x1000x1000mm DEEP WRAPPED IN TERRAZO. SEE DETAIL 04/06 ON DRAWING L8008-04

NOTE: SOMMANY SIZES T.B.C. AFTER COMPLETED ON SITE

TANK TO BE LOCATED A MINIMUM 10m FROM NEW CLUBHOUSE

INLET INVERT LEVEL: 98.72 (1.13m) BELOW GROUND LEVEL

DRAINAGE PLAN 1:150

REF DRAWING:

- L8008-01 - FOUNDATION PLAN & DETAILS
- L8008-02 - FLOOR PLAN & DETAILS
- L8008-03 - DRAINAGE PLAN & DETAILS
- L8008-04 - DRAINAGE & CAR PARK DETAILS

PRELIMINARY

PROPOSED NEW CLUB HOUSE,
 ILMINSTER, CANAL WAY
 DRAINAGE & SITE PLAN

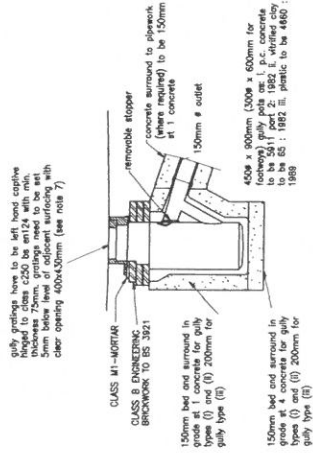
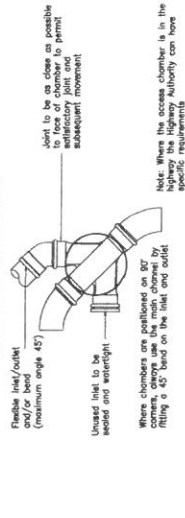
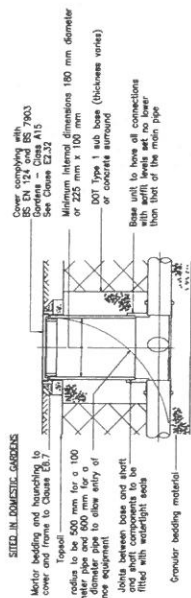
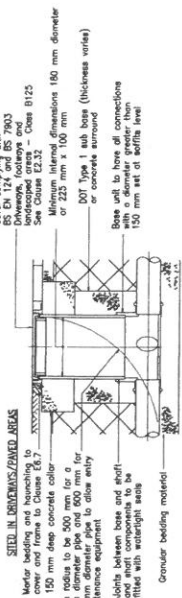
CLIENT : ILMINSTER TOWN F.C

ORIGINAL SCALE	AS SHOWN
DATE	APRIL 2015
DRAWN BY	
CHECKED	
APPROVED	
BRIGH JONES (STRUCTURAL ENGINEERS) LTD BRIGH JONES, BRIGH JONES, BRIGH JONES 10, BRIGH JONES, BRIGH JONES, BRIGH JONES TEL: 01276 888534 MOB: 07889 40114	
DRAWING NO. L9006-03A	

A. LS	16/07/2015	DRAWN BY	LS
		CHECKED	
		APPROVED	

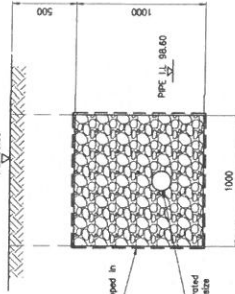
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES ABOVE ORDNANCE SURVEY DATUM.
3. TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTS PREPARED BY ARCHITECT AND C.D.M. COORDINATOR.



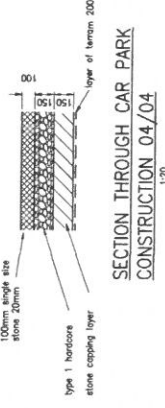
TYPICAL GULLY DETAIL 04/02

1:25



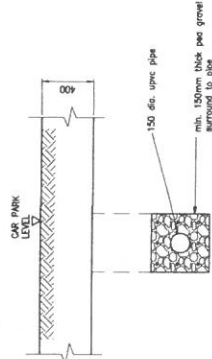
SOAKAWAY SECTION 04/06

1:20



SECTION THROUGH CAR PARK CONSTRUCTION 04/04

1:20

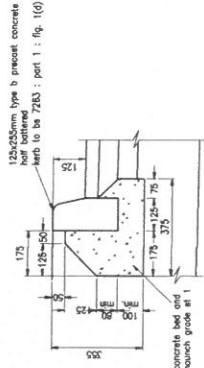


TYPICAL PIPE TRENCH BEDDING DETAIL 04/05

1:20

TYPICAL EDGING KERB DETAIL 04/03

1:10



REF. DRAWING:
 L9006-01 - FOUNDATION PLAN & DETAILS
 L9006-02 - GROUND FLOOR PLAN & DETAILS
 L9006-03 - FIRST FLOOR PLAN & DETAILS
 L9006-04 - DRAINAGE & CAR PARK DETAILS

PRELIMINARY

PROPOSED NEW CLUB HOUSE,
 ILMINSTER, CANAL WAY

DRAINAGE & CAR PARK DETAILS

ORIGINAL SCALE:
 AS SHOWN

CLIENT : ILMINSTER TOWN F.C

DRAWN BY: LS
 CHECKED:
 APPROVED:

DATE: APRIL 2015
 DRAWING NO.: L9006-04

Brian Jones (STRUCTURAL ENGINEERS) LTD
 QUANTITY SURVEYORS
 100, SOUTHAMPTON ROAD
 SOUTHAMPTON, HANTS
 SO9 4NS
 TEL: 01703 388534 FAX: 07889 40114

Joy Norris

From: Phil Durman BCS [redacted]
Sent: 29 May 2018 12:04
To: Joy Norris
Cc: Deborah Speed
Subject: RE: Archie Gooch Snagging etc

Morning Joy,

Apologies for the delay in replying, I didn't pick-up your email until I had got back to my office and have since been out all weekend.

Point One – has specifically been confirmed by Matt Fry Groundworks that the terram matting was installed under the hardcore, and was probably a Lowtrak geotextile membrane from Keyline. You/the Sports Club have a copy of the O & M Manuals, it may state in there what type was used.

Point Two – best to check with the Sports Club how many manhole covers are loose, as AA Pike did surround quite a few in concrete. It is more than possible however that a gang mower may have dislodged some.

Hope this assists.

Kind regards,

Phil Durman
Building Consultancy Services (NP) Limited
4 Middle Street
Taunton
Somerset
TA1 1SH
[redacted]
[redacted]

From: Joy Norris [mailto:town.clerk@ilminster.gov.uk]
Sent: 24 May 2018 14:33
To: Phil Durman BCS [redacted]
Cc: Deborah Speed <deputy.clerk@ilminster.gov.uk>
Subject: Archie Gooch Snagging etc

Hi Phil,
I know you are seeing Deborah this afternoon at the cemetery so you may be able to give her the answers to these questions

1. Have you got written confirmation that the membrane was laid in the car park – we need to know the membrane type and depth. The Sports Club are trying to fundraise to get a tarmac surface and are making funding applications
2. Are you able to tell me how many manhole covers need cementing - the quotations from the contractors for the snagging are giving different numbers

Thanks

Joy

Joy Norris

Town Clerk

Ilminster Town Council

Tel: 01460 52149

Ilminster Town Council, Council Offices, North Street, Ilminster, Somerset TA19 0DG



LOCAL COUNCIL
AWARD SCHEME
FOUNDATION

This communication is intended solely for the named recipients only. It may contain privileged and confidential information and if you are not the intended recipient, you must not copy, distribute or take any action in reliance on it. If you have received this email in error please notify the sender as soon as possible by return and delete the message. Individuals are advised that by replying to, or sending an email message to Ilminster Town Council, you accept that you have no explicit or implicit expectation of privacy. The information contained in this email may also be subject to public disclosure under the Freedom of Information Act 2000. Unless the information is legally exempt from disclosure, the confidentiality of the information in this email and your reply cannot be guaranteed.

Joy Norris

From: [REDACTED]
Sent: 05 February 2019 10:23
To: Joy Norris
Subject: 130266 Archie Gooch Pavillion - car park

Joy

Further to our telephone conversation yesterday; as I mentioned one of my highways engineers made an inspection of the car park, and also had a chat with one the club directors.

There are two basic problems with the car park as it stands one it's the general construction the other the levels and drainage provision.

With the construction the surface is not appropriate for areas subject to the type of abrasion produced by low speed manoeuvres and power steering. The surface is a semi bound gritty material rather than a property bound graded material.

As the surface is abraded it tends to hold water and the actions of this and frost only speeds up the break up.

The poor drainage provision only adds to the problem. On its own poor drainage produces ponding that may be considered simply inconvenient, but in this case it is channelling water into the areas that are already breaking up and so speeding up that process.

One drainage gully, just inside the entrance, has a rut around it, formed by the water flow, sufficiently deep that the surface water runs around the gully rather than into it.

Filling in the pot holes and resurfacing with an appropriate material would improve matters but ideally consideration should be given to improving the drainage as well. Such improvement may be by adding gullies in existing low point or by changing falls to better direct the water to the existing system. Clearly making the best use of the existing system would be the initial position and new drainages added where necessary.

The overall construction should also be checked to see if it is suitable, something that can't be done from a visual inspection. The sub base material will dictate the overall life span of the car park as much as the surfacing layers.

We would recommend the following investigation to allow a proper consideration of the surfacing and drainage;

- Topographic survey – Utilising Top of Kerb levels at 10m intervals and any changes of direction.
- Manhole in grass verge to be lifted an invert level recorded.
- Inverts of the two pipes in the ditch of which the currently installed gullies to the car park entrance seemingly connect to. – Subsequently these gullies to be traced as the outfalls don't seem to be in line with them at all.
- Ditch inverts either side of the car park entrance.
- Cores to be taken 600mm below in each car park zone.

I hope the above is of use let me know if you have any queries.

Regards

Joy Norris

From: [REDACTED]
Sent: 19 February 2019 15:09
To: Joy Norris
Subject: 130266 Archie Gooch Pavillion - car park

Joy

Further to our conversation yesterday I would confirm that the areas of survey work required are not within the remit of this practice.

We can if you wish seek prices for these survey and let you have details for your approval; we would also direct the works on your behalf. We would however wish that you appoint the various companies direct and also deal with their invoices.

The topographic surveys are relatively straight forward and can be carried out by most, local, small survey firms.

We have on other local small jobs sought costs from:

[REDACTED]

[REDACTED]

Based on previous works I might suggest a budget of £500-600 excluding VAT, for this as an order of magnitude, but clearly a firm quote should be obtained.

For the core in the existing road, we would tend to go to one of the local geotechnical companies although this is something a contractor could carry out.

For geotechnical companies we tend to use either;

[REDACTED]

We tend to deal with [REDACTED]

[REDACTED]

If you wished to use a contractor you know cutting a core is not difficult as long as they have the required equipment. Critically for us the determination of the various layer thicknesses is key which is why a core is better than an simple exploratory hole, where the layer boundaries tend to get blurred.

Hopefully the above is useful let me know if you have any queries.

Regards

[REDACTED]
[REDACTED]
Technical Director

[REDACTED]

Why not take a look at our Practice Profile to see the diverse range of skills we can offer. Just click [<HERE>](#)

 Consider the environment. Please don't print this e-mail unless you really need to.

This email message and accompanying data are for the sole use of the intended recipient(s) and may contain confidential information and/or copyright material. Unauthorised use, copying or disclosure of any of it is prohibited and may be unlawful. If you received this email message in error, please notify us immediately and erase all copies of this message and attachments.

Where this e-mail is unrelated to the business of Fairhurst, the opinions expressed within this e-mail are the opinions of the sender and do not necessarily constitute those of Fairhurst.

Fairhurst scans and monitors incoming and outgoing mail in accordance with its Email Policy. This email has been scanned for viruses but Fairhurst accept no liability for any virus which may be attached.

A full list of partners is available for inspection at any of the firm's offices.