



Schedule of Works
Mapplewell View (Former North Gawber Colliery Site), Mapplewell
August 2015

Schedule of works

In preparation for housing development the proposed infrastructure works at the North Gawber Mapplewell site that Harworth Estates are seeking reserved matters consent for are:

- Construction of 2 nr footbridges crossing the already approved diverted footpath
- Landscaping of the already approved access road
- Construction of the highway drain to link to the attenuation pond
- Construction of sub-station and access.
- Formation of attenuation pond

Diversion of public right of way and construction of a new footway/cycleway

An existing public right of way, on foot, runs across the southern part of the site and an application to permanently divert this path to allow development has already been approved. The footpath currently runs west to east on a similar path to the watercourse. The newly diverted footpath will be formed as a 3m wide footway/cycleway and will be constructed in accordance with the approved technical drawings submitted as part of the S.38/S.104 Agreement process. :

Footbridge

A footbridge to be designed to provide crossings points for the diverted public right of way over new diverted watercourse at two locations.

- The first footbridge is to cross the diverted drainage ditch and provide continuity for the footpath diversion. The footbridge will have a clear span of 6m and width of 3m and will be prefabricated off-site. Bollards will be installed within the footpath on the bridge approaches to prevent vehicular access.
- The second footbridge is to cross the diverted drainage ditch and provide pedestrian link to the western extent of the proposed housing development. The footbridge will have a clear span of 6m and width of 2m and will be prefabricated off-site.

The Contractor is to excavate for and construct suitable pad foundations to support the bridge (3.5m length x 1.0m width x 1.0m depth). The foundations are to be excavated down to natural competent strata and graded up to formation level using imported granular fill in accordance with RSK Drawing No. 880442-60-02.

The Contractor shall construct the permanent watercourse diversion, footbridge foundations and complete the footbridge across the watercourse. The bridge is to be a simple design with painted flat steel beams with Type A (vertical infill) parapet with steel non-slip deck as shown on the following images.



Construction of a new permanent access road into the development with associated utility provision

As part of the present Enabling Works Contract the Contractor will be required to construct the permanent site entrance road, including the junction with Carr Green Lane, the first part of this road, and the utilities in accordance with planning permission RB2014/0452 which grants planning permission for details of access and design drawings approved under the S.38 Agreement process.

The roads and services beyond this point will be completed by the housing developers, as part of their construction works.

Entrance Feature and Landscaping along Approved Access Road

A corten and drystone wall hard landscape feature is proposed for the entrance to the new development. The feature is a representation of the site coal mining history and the materials have been selected accordingly.

The hard landscape feature is complimented by soft landscape to both sides of the development entrance road.

The drawings and documents applicable to the entrance feature and development access soft landscaping are:

- 301 Landscape Plan
- 302 Planting Plan
- 303 Ground preparation plan
- 304 Entrance feature design intent
- 305 Tree planting, drainage sections
- 306 Typical tree planting detail
- 307 Double hedgerow fence detail
- Landscape maintenance schedule
- Landscape specification

Substation

The electricity supply will require a sub-station for which the civil engineering aspects will be undertaken by the applicants Contractor; details of sub-station are shown on the following drawings:

- 34-h1-028 Sub-station location
- 6a GE-TGI-IG-0032 Substation Specification
- 6b GTC-E-EA-0001_R7-6_1_of_1
- 6c GTC-E-EA-0003_R1-2_1_of_1
- GTC-E-SS-0012_R1-8_1_of_1

GTC will be responsible and will undertake all off-site works in relation to the supply of HV to the Sub-station.

Attenuation pond

The applicant's contractor will construct the surface water attenuation pond and subsequent outfall drainage system to facilitate the total development area. The attenuation pond will be constructed in accordance with the levels shown on Drawings 40-10-01 and 40-10-02.

The outfall from the pond will be via a piped connection into the diverted watercourse close to the south eastern boundary of the site adjacent to Carr Green Lane. The employer will obtain consent from the LLFA for the surface water discharge into the existing watercourse. No site works are to be completed (in relation to the outfall connection) until such time as an approval is received in writing from the LLFA.

Vehicular access for maintenance will be provided from Carr Green Lane. A small turning head will be formed to the south of the footpath to permit vehicle parking and turning. A red shale maintenance pathway around the circumference of the pond will be installed along the 3.5m wide berm.

The proposed attenuation pond is detailed on the following drawings

- 43-04-01 Pond GA P2
- 42-05-01 Drainage ConstructionDetails P2
- 42-05-02 Drainage ConstructionDetails P2