PARK

Existing foul sewer runs over site & new foul sewer connection to be completed within site area.

All services to be routed out through this opening.

This foul pipe is to be installed under a seperate project and does not form part of this project.

Fence type 1 required.

Tree Belt No.1

Tree Belt No.4

Tree Belt No.3

Tree Belt No.2

Tree Group No.1

Tree Group No.2

Tree Group No.3

Tree Group No.4

Hedge No.1

Woodland Block No.1

1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341

Surface playarea to be built up over existing ground levels using a No-Dig method avoiding any excavations that would damage the soil and tree roots.
The existing areas in soft landscape at present to remain fenced off from the main construction works. These protection fencing until all heavy works are complete.

Trees to be cordoned off from the site works either by the site hoarding/fencing or site specific tree protection fencing.
In areas where there will be high concentration of works, this will need to be as per fence type 1 and where there is a low concentration of work, this can be as per fence type 2.

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Fence type 2 required.

Woodland edge to be reviewed once the baseball pitch in in place.
Some of the outter trees may be removed at this stage to facilitate the play of the pitch.

Woodland edge to be reviewed once the baseball pitch in in place.
Some of the outter trees may be removed at this stage to facilitate the play of the pitch.

Fence type 1 required.

Fence type 2 required.

Fence type 1 required.

Fence type 1 required.

Fence type 2 required.

Dart Line

The foul rising main is being installed under a seperate project and is not part of this scheme.

My understanding is that this pipe will be tunnelled in under the railway line and boundary hedge vegetation with no impacts expected.

The foul rising main is being installed under a seperate project and is not part of this project.

My understanding is that the foul rising main through the woodland is to be installed by tunneling/directional drilling with minimal surface disturbance and imapct on trees.

Widening path to 3m and installing public lighting ducts may require the removal of some edge trees.
The removal of these edge trees will not impact negatively on this linear woodland block.
It will also be necessary to review edge trees and carry necessary remedial tree surgery works to address safety to this path.

Notes:

Tree Constraints
0439 — Tag Number
Category grade
Actual Crown Spread

BS5837: 2012 – Category Retention Rating

Category U Trees–
Trees in such a condition that any existing value would be lost within 10 years or being recommended for removal sound arboricultural practice.

Category A Trees
Trees of high quality/value with a min. of 40 years life expectancy.

Category B Trees
Trees of moderate quality/value with a min. of 20 years life expectancy.

Category C Trees
Trees of low quality/value with a min. of 10 years life expectancy.

Sub Categories
1– Mainly Arboricultural values
2 – Mainly Landscape valus
3 – Mainly cultural and conservation values.

Tree & hedge vegetation being retained

Trees & Hedge Vegetation being removed.

Tree Protection Detail

Work Exclusion Zone
Tree

Protective fence line to protect work exclusion zone around trees being retained.

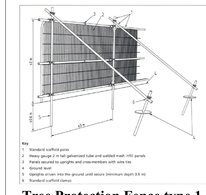
The tree protection fencing is to be erected enclosing the root protection areas around the trees being retained as shown on this drawing and appendix 1__In some areas, the site hoarding may be sufficient to act as the protective fencing if the tree and its root zone are positioned outside and no works are envisaged within the area outside the site hoarding. This will need to be discussed and agreed at the initial site meeting.

Where tree protection fencing is needed, this will need to be 2.3m high and constructed in accordance with figure 2 of BS 5837 2012 (see detail on drawing & appendix 1) using vertical and horizontal scaffold bars or similar well braced together with the verticals spaced out at a maximum of 3m centres. Onto this, weld mesh panels (harris fecne panels) are to be securely fixed with wire or scaffold clamps.

Signs are to be attached to these fences warning people that this is a protective area and that the fencing must be maintained in good condition in accordance with the approved plans and drawings for this development.

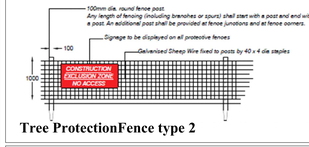
Once the protective fence line is erected, then the main construction works can commence on site.

Protective fence detail as per BS5837 2012



Detail of singage

Tree Protection Fence type 1



Tree ProtectionFence type 2

During the construction works the following is required:

1. The main contractor or site manager is to brief all people working on site on the tree protection measures and the procedure if works need to be carried out within these areas.
2. Storage of Material, Work Yards and staff car parking– are to be identified on the work drawings prior to the construction works starting. These need to be positioned outside the root protection areas around the trees being retained.
3. The main contractor or site manager is to check the tree protective fencing daily and carry out any repairs required to ensure its stays upright and secure.
4. The main contractor or site manager is to liase with the project Arboriculturist if and when works are to be carried out close to or within the root protection areas around the trees.
5. Any works to occur within the protection areas such as landscaping is to be carried out manually with no machinery allowed. All soft and hard landscaping within the Root Protection Area (RPA) of the trees to be retained are to be carried out manually and the soil levels are not to be lowered or raised resulting in root damage to the trees. Recommendations of sections 8 of BS5837 2012 are to be adhered to during the landscaping within the RPA'S of the trees being retained.
6. The protective fencing around the trees is to stay in position until all the construction works are complete and are only to be removed following discussions and agreement with the project arborist.

ARBORIST ASSOCIATES LTD.
94 BALLYBAWN COTTAGES, ENNISKERRY, CO. WICKLOW
TEL: 01-2742011 / 087-2629589

TITLE : Tree Protection Plan

Site : Shanganagh Park Sports Facilities, Shanganagh, Dublin 18.

DATE: | Dwg No.SGSF002 | Scale 1:500 @ A0