



WHITEFIELD FIRE STATION
PLANTING SCHEDULE

TREES				
No's	Species	Common name	Girth (cms)	Height (cms)
2	Prunus avium	Wild cherry	12-14	350-425
3	Betula pendula	Birch	12-14	350-425
1	Quercus robur	English oak	12-14	350-425
5	Tilia cordata	Lime	12-14	350-425
SHRUB PLANTING				
No's	Species	Common name	Height (cms)	Form/Pot size
99	Euonymus japonica 'Emerald n' Gold'	Spindle	20-30	2L
67	Hypericum x moserianum 'Tricolor'	St John's Wort	20-30	2L
50	Lonicera pileata	Box honeysuckle	30-40	3L
30	Prunus laurocerasus 'Zabellana'	Cherry laurel	30-40	3L
63	Santolina incana	Cotton lavender	30-40	3L
24	Skimmia japonica 'Rubella'	Japanese skimmia	30-40	3L
50	Spiraea 'Goldflame'	Japanese spiraea	30-40	3L
NATIVE SPECIES PLANTING				
No's	Species	%age mix	Common name	Height (cms)
3	Acer campestre	5	Field maple	60-80
5	Corylus avellana	10	Hazel	60-80
39	Cotoneaster monogyna	60	Hawthorn	60-80
5	Hedera helix	10	Ivy	60-80
3	Ilex aquifolium	5	Holly	60-80
3	Rosa carolina	5	Dog rose	60-80
3	Sambucus nigra	5	Blder	60-80
HEDGE PLANTING				
No's	Species	Common name	Height (cms)	Form/Pot size
450	Fagus sylvatica	Beech	60-80	B 1+1

KEY

- TREE TO BE RETAINED
- TREE TO BE REMOVED
- PROPOSED TREE
- PROPOSED SHRUB PLANTING (288m2)
- PROPOSED NATIVE SCRUB SPECIES PLANTING (52m2)
- PROPOSED HEDGE PLANTING (90lm)
- PROPOSED MEADOW MIX GRASSED AREAS (461m2) for reinstating existing and new grassed areas. EG1 General Purpose Meadow Grass Mixture - supplied by Emorsgate Seeds
- PROPOSED SEED MIX FOR SEASONALLY WET SOILS (325m2) EM8 Meadow Mixtures for Wetlands - supplied by Emorsgate Seeds
- PROPOSED WILDFLOWER MIX (116m2) EM1F Basic General Purpose Wildflowers supplied by Emorsgate Seeds
- LOCATION OF WALL MOUNTED BAT BOX
- WORKS WITHIN THE PUBLIC HIGHWAY
- AREA OF GROUND TO BE HAND DUG
- TEMPORARY TREE PROTECTION BARRIER - 1.8m high Heras fencing secured into ground.

LANDSCAPE SPECIFICATION NOTES FOR PREPARATION AND PLANTING

(Generally to BS 4428:1989 – General Landscape Operations; excluding hardworks)

Generally

- Materials and workmanship shall generally be in accordance with the following documents:
 - BS 3836-1:1992 Nursery Stock. Specification for Trees and Shrubs
 - BS 4428:1989 Code of Practice for General Landscape Operations
- Trees and other vegetation to be retained shall be protected in accordance with the provisions of BS 5837:2012 Trees in relation to design, demolition and construction - Recommendations
- BS 5882: 2015 Topsoil

Groundworks

- Groundworks for proposed planting shall be in accordance with BS 4428:1989. Areas for proposed tree planting shall be cleared of unsuitable materials, debris, concrete and the like to a depth of 900mm below ground level within a 2.0m radius of each tree. A minimum depth 600mm imported topsoil shall be supplied for planting of trees (depths made up by tree planting compost (See Tree section). Areas for shrub and groundcover planting shall have clearance of unsuitable material to a depth of 600mm. A minimum of 400mm imported topsoil over 200mm depth of clean subsoil shall be supplied for planting of shrubs and groundcover. The formation levels to all planted areas shall be ripped and broken up as necessary to a depth of 200mm to achieve suitable drainage.
- A 50mm layer of approved non-peat based planting compost shall be applied over the whole surface of shrub planting areas and cultivated into the soil.
- All levels shall be brought up to an even grade to approved cambers, 25mm below adjacent kerb lines. The soil shall be firm with the top 25mm cultivated to a fine tilth, ENMAG or similar approved granular fertiliser shall be worked into the soil at a rate of 70 grams/m² to all areas to received planting.
- All topsoil shall be stone picked, removing stones with a dimension in any direction of 25mm or over and re-graded to marry into adjacent levels prior to planting.

Shrubs

- All areas to receive shrubs shall be clear of all debris, concrete and like and the base of these areas shall be broken out to a minimum depth of 450 mm to relieve any compaction and so aid water drainage.
- All areas to receive shrubs shall be topsoiled to a minimum depth of 350 mm, if no topsoil currently exists. Topsoil shall be 25mm below the level of adjacent kerbs. All topsoil shall be cultivated, stone picked and graded to marry into adjacent levels prior to planting.
- All shrubs shall be to the specified size, bushy and in good health free from disease.
- Shrubs shall be planted into topsoil with a granular slow-release fertiliser spread over the surface at the manufacturer's recommended rates.
- All amenity or ornamental shrub beds shall receive a 50 mm layer of ornamental bark mulch.
- Areas of broad-leaved weeds shall be cleared by either hand pulling or spot treatment using a selective broadleaf herbicide.

Trees

- All trees shall be to the specified size and comply with BS 3036. All shall be well branched with a straight stem and leader shoot and be free from pegs, and bark damage.
- Trees shall be planted in a pit 1200 dia. x 750mm deep and backfilled after planting with imported topsoil incorporating 2 x 800 bags of Fison's Tree Planting and mulching compost.
- All trees shall be double high staked to good horticultural practice using 75mm peeled and pointed larch stakes and rubberised tree ties with spacer.

Whips and Transplants (for native species)

- All whips and transplants shall be supplied and installed with 75mm diameter x 600mm high green tree shelters to transplants, supplied with 25 x 25mm timber softwood stake for fixing into the ground. Do not apply to feathered stock.
- All conifers and holly species shall be supplied & installed with 250mm diameter fine mesh guard with 1 no. 25 x 25mm timber softwood stakes for fixing into the ground.
- All stock shall be notch planted with the exception of feathered stock and holly species which shall be pit planted.
- All areas to receive turf shall be clear of all debris, concrete and like and the base of these areas shall be broken out to relieve any compaction and so aid water drainage.
- All areas to receive turf shall be topsoiled to a depth of 150mm. All topsoil shall be cultivated to a fine tilth, stone picked and graded to receive turf.
- All turf shall be laid 25mm above the height of adjacent kerbs.
- All turf shall be good quality meadow grass laid in rows laid with half lapped joints, well butted up and bonded. The turfed areas shall be top dressed to a depth of 6mm with an approved top dressing material well brushed in to completely fill all joints.
- When amenity grass mix is 100mm high it shall be lightly tipped by approximately 25mm with an approved mower.
- Any areas which fail to germinate shall be re-cultivated and re-seeded, within one month of the original seeding.

Seeding preparation

- All areas to receive seeding shall be clear of construction debris and the like to depth of 300mm.
- All areas to receive seeding shall be free of weeds and broad-leaved species. Annual weeds shall be controlled by mechanical means or the use of contact herbicide. Perennial weeds e.g. docks, thistle, nettles and couch grass shall be controlled with a translocated Glyphosate based herbicide. Use of herbicide in close proximity to a water course requires the permission of the Environment Agency via Form Aqlwtd01.
- All areas to receive seed shall be cultivated and brought to a medium tilth by raking and harrowing within the top 25mm. All debris, including stones of 25mm or over, brought to the surface shall be removed off site.
- No fertiliser shall be applied to the soil.

Seed sowing

- The specified seed mix shall be sown at the supplier's recommended rate (generally 5grams/m²). The quantities of seed shall be divided in half, mixed with dry (or sifted topsoil or sand) and sown evenly broadcast in transverse directions and the seed shall be raked or harrowed in. The seed shall not be drilled. Sowing shall be carried out during calm weather in optimum months (March-May and August to October). All sowing is at the contractor's own risk and any areas where germination fails shall be re-seeded at the contractor's own expense.
- After sowing the seed shall be lightly harrowed or hand raked into the immediate surface and lightly rolled.

Maintenance

- Any areas which fail to germinate shall be re-cultivated and re-seeded, within one month of the original seeding.
- Areas of broad-leaved weeds shall be cleared by either hand pulling or spot treatment using a selective broadleaf herbicide.
- Cut twice a year in early spring and late autumn to a height of approximately 50-100mm to allow for flowering and wildflowers to set seed.

REVISIONS	
P011 Building floor plans updated	05.10.23
P012 Specification updates	10.10.23
P013 Additional information for tree T2	05.11.23
P014 Revisions to layout from architect and addition of attenuation basin.	20.01.24

Whitefield Fire Station	
Title	
Landscape Proposals Plan	
Client	
Borough Gass and Hope	
Date	Scale
September 2023	1:200@A1
Drawn	Checked
LAC	DS
Drawing No.	
WFS-APP-XXX-DR-L-0001	
Status	Revision
Preliminary	P04
Stage 4	Preliminary
Appletons Landscape Architects and Environmental Consultants	
17 Chorley Old Road, Bolton BL1 3AD, Tel: 01204 383606	
Web: www.appletons.uk.com Email: info@appletons.uk.com	

Whitefield Fire Station, Bury New Road, Unsworth

Landscape Proposals Plan