

Tree Planting Preparation

GROW BAGS - REMOVE BAG BY USING A UTILITY KNIFE TO SLIT UP THE SIDE AND PEEL OFF THE FABRIC EXPOSING THE SOIL AND ROOTS. PLANT THE ROOT BALL JUST LIKE YOU WOULD A CONTAINER PLANT NO TRIMMING OF ROOTS IS NECESSARY FOR GROW BAGS.
BAG - 10CM ROOT BALL VERY WELL
NO TREE SHOULD BE PLANTED UNTIL EVIDENCE IS SUPPLIED THAT IT CONFORMS TO TABLE1, p21 OF BS 8545.

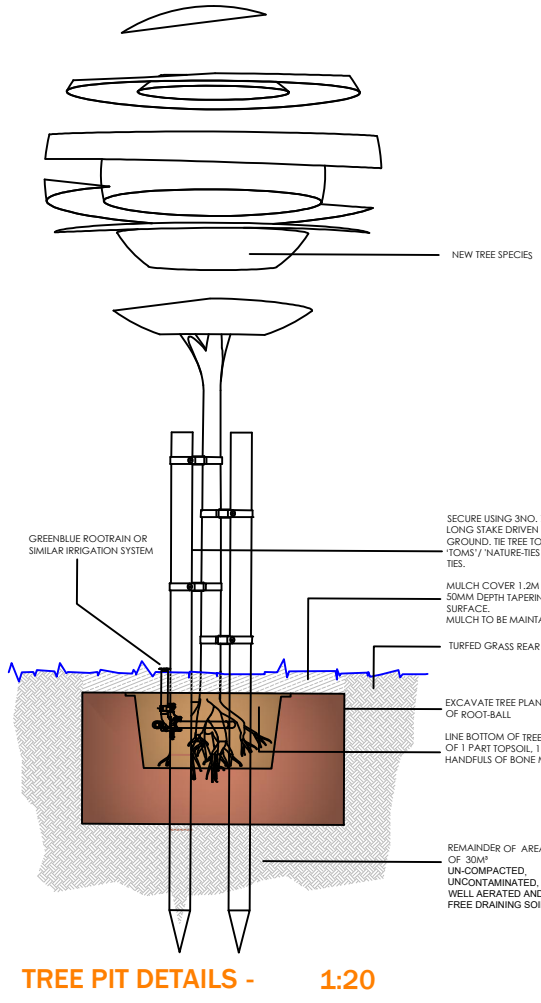
PLANT GROW BAGS IN SPRING
NOTICE WHERE THE BASE OF THE TRUNK FLAIRS OUT FROM THE TREE. THIS IS CALLED THE ROOT FLAIR. THIS ROOT FLAIR SHOULD SHOW WHEN THE TREE IS PLANTED. IF NECESSARY, ADD SOIL UNDER THE BALL SO THE ROOT FLAIR IS EXPOSED. PLACE FERTILISER PACKETS INTO THE BOTTOM OF THE HOLE.
BACKFILL THE HOLE WITH SOIL MAKING SURE THE TOP OF THE ROOT BALL IS VISIBLE AND SLIGHTLY HIGHER THAN THE SOIL AROUND IT.
FIRM THE SOIL AROUND THE PLANT. WATER WELL TO SETTLE SOIL AROUND THE ROOT BALL.

Planting Bag Note

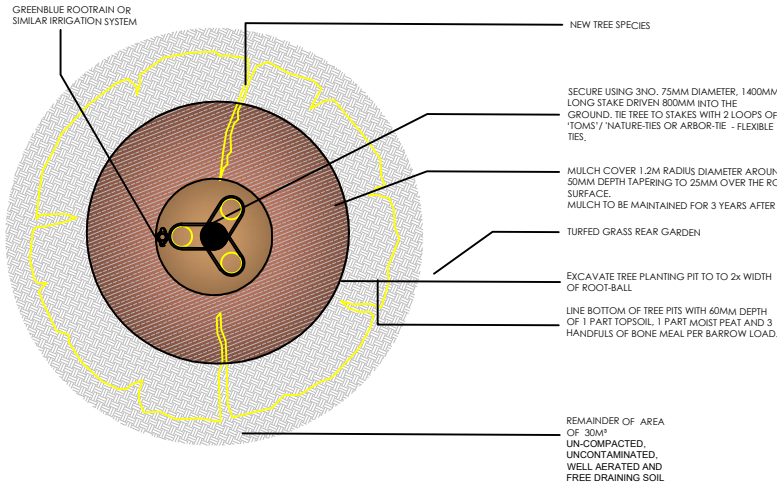
POINT-BALL TREE PLANTING
DIG A HOLE AT LEAST TWICE THE WIDTH OF THE ROOT BALL OF THE TREE. ROTATE THE TREE TO THE PROPER POSITION. NEVER LIFT OR MOVE TREES BY THE TOPS.
NOTICE WHERE THE BASE OF THE TRUNK FLAIRS OUT FROM THE TREE. THIS IS CALLED THE ROOT FLAIR. THIS ROOT FLAIR SHOULD SHOW WHEN THE TREE IS PLANTED. IF NECESSARY, ADD SOIL UNDER THE BALL SO THE ROOT FLAIR IS EXPOSED. BACKFILL AROUND OF THE HOLE WITH SOIL AND COMPLETELY SATURATE THE SOIL WITH WATER.
ONCE THE TREE IS STRAIGHT AND LOCATED AS DESIRED, CUT AND REMOVE THE TRUNK. THEN, REMOVE OR BEND BACK TOP 1/3 OF THE BARK. LEAVE A REMOTE EXPOSED FLANK FROM TOP OF BALL.
FILL THE HOLE TO THE TOP OF THE BALL WITH SOIL. THEN SOAK WELL WITH WATER AND LET SETTLE.
THE TOP OF THE ROOT BALL SHOULD BE VISIBLE AND SLIGHTLY HIGHER THAN THE SOIL AROUND IT.
ADD 25MM OF MULCH ON TOP OF SOIL - REDUCING TO 25MM AROUND THE PERIMETER. FOR A DIAMETER OF 1.2M RADIUS AROUND THE TREE TRUNK, MAKING SURE TO NOT PUT MULCH AGAINST THE TRUNK OR STEMS.

Further Requirements

- CONTRACTOR TO ALLOW FOR DETAILS OF THE NURSERY PRODUCTION METHOD FOR THE TREE BASKY TO BE ROOT-BALLED OR CONTAINERISED AND TREE ROOT CONTAINMENT TO BE DEALT WITH ACCORDINGLY ON METHOD.
- IF CONTAINERISED ROOT SHAVING IS TO BE CARRIED OUT AS PER ROOT BALL SHAVING DETAIL BELOW.
- TREE TO BE COMPLIANT WITH TABLE 1 OF BS 8545:2014.
- ENSURE PLANTING HOLE AT LEAST TWICE WIDTH OF ROOT-BALL WITH SCARIFIED SIDES AND FREE DRAINING BASE.
- REMOVE ALL NON-PERISHABLE ROOT-BALL WRAPPINGS AND CAGES COMPLETELY.
- FOR PERISHABLE WRAPPINGS AND CAGES REMOVE THE UPPER THIRD WHIST BACK-FILLING.
- USE X3 STAKE SUPPORTS SET WITH X2 TO THE SW SIDE. PROTECTING NO MORE THAN ONE-THIRD TREE HEIGHT AND APPROX. 2CM FROM THE ROOT-BALL. ATTACHED VIA HESSIAN NATURAL TIES. ENSURE ALL TIES AND STAKES REMOVED BEFORE THE THIRD GROWING SEASON.
- MULCH CIRCLE TO BE 1.2M RADIUS, 25MM DEPTH TAPERED TO 25MM DEPTH OVER ROOT-BALL SURFACE. MAINTAIN MULCH FOR MINIMUM 3 YEARS.
- EQUALY BRIGADE VIA IRRIGATION PIPE LOOPED AROUND ROOT-BALL (E.G. GREENBLUE ROOIRRAIN URBAN) BUT IN ALL CASES ENSURE SOIL REMAINS MULCH REMAINS MOIST BUT NOT WATERLOGGED.
- FORMATIVELY PRUNE TO BS 3998:2010

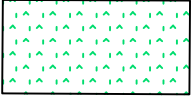


TREE PIT DETAILS - 1:20

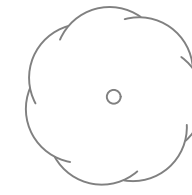


KEY SCHEDULE

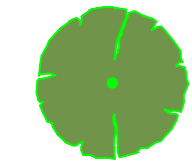
REFER TO SITE LAYOUT AND BOUNDARY TREATMENTS DRAWING FURTHER DETAILS.



DENOTES AREAS OF SEEDED GRASS TO REAR GARDENS OF HOUSES/FLATS.



EXISTING TREES TO BE REMOVED.



DENOTES POSITION OF PROPOSED TREE SET IN SOFT LANDSCAPING - REFER TO TREE SCHEDULE FOR SPECIES.

MANAGEMENT PLAN

Turf

THE TURF SHALL COMPLY WITH THE REQUIREMENTS OF BS 3936 AND BE REASONABLY WEED FREE. TURVES TO BE LAID STRETCHER BOND PATTERN WITH CLOSE BUTTED JOINTS TO CONNECT LEVELS WITHOUT EXCESSIVE BEATING. ALL TURF LAID ON TOPSOIL (REDUCE TOP 100MM TO TOPSOIL TO A TILTH) AND ALL UNDESIRABLE MATERIAL (STONES AND WEEDS) TO BE REMOVED.

Seeding Works

CARRY OUT THE WORK WHILE SOIL AND WEATHER CONDITIONS ARE SUITABLE. IDEALLY CARRY OUT SEEDING DURING LATE AUGUST / EARLY SEPTEMBER. SPREAD SEED EVENLY AT THE SPECIFIED RATE(S) APPLIED IN TWO EQUAL SOWINGS IN TRANSVERSE DIRECTIONS AND LIGHTLY RAKE IN.
LOW MAINTENANCE & DROUGHT TOLERANT GRASS SEED MIX GFS06.
20% SLENDER CREEPING RED FESCUE.
25% CREEPING RED FESCUE.
15% SMOOTH STALKED MEADOW GRASS.
20% HARD FESCUE.
15% CHEWING FESCUE.
5% BROWN TOP BENT.
THIS GRASS SEED MIXTURE IS WELL SUITED TO AREAS THAT REQUIRE THE MINIMUM AMOUNT OF MAINTENANCE. CUT TWICE A YEAR WILL DEVELOP INTO A LOW MAINTENANCE GRASS Sward.

Compost

COMPOSTED GREEN WASTE TO BS PAS 100 (99% THROUGH 25MM PARTICLE SCREEN AND 90% THROUGH 10MM SCREEN) SHALL BE INCORPORATED INTO TOPSOIL FOR HEDGEROW PLANTING WORKS DURING CULTIVATION. DO NOT USE PEAT OR PRODUCTS CONTAINING PEAT.

Cultivations

REMOVE ALL RUBBISH, CONCRETE AND STONES WITH LARGEST DIMENSION EXCEEDING 100MM. CARRY OUT THE WORK WHILE SOIL AND WEATHER CONDITIONS ARE SUITABLE FOR THE RELEVANT OPERATIONS.

Planting Beds

ALL PLANTING BEDS TO BE MAINTAINED FREE FROM WEEDS AT ALL TIMES.
SUPPLY AND SPREAD 100MM DEPTH COMPOST OVER AREA TO BE PLANTED AND INCORPORATE COMPOST INTO EXISTING SUBSTRATE DURING CULTIVATIONS. CULTIVATE TOPSOIL TO 300MM DEPTH AND REMOVE UNDESIRABLE MATERIAL BROUGHT TO THE SURFACE INCLUDING STONES AND CLAY BALLS LARGER THAN 75MM IN ANY DIMENSION. ROOTS, TUFTS OF GRASS AND FOREIGN MATTER. ALL GRASSED AREAS TO BE MOWN EVERY TWO WEEKS DURING THE SEASON AND ONCE PRIOR TO THE WINTER BREAK.

Grass Areas

BREAK UP ANY COMPACTED SUBSTRATE TO 100MM DEPTH. RAKE TO REDUCE TOP 50MM OF ALL SUBSTRATE TO A FINE TILTH (PARTICLE SIZE LESS THAN 10MM). REMOVE UNDESIRABLE MATERIAL BROUGHT TO THE SURFACE INCLUDING STONES AND CLAY BALLS LARGER THAN 75MM IN ANY DIMENSION. ROOTS, TUFTS OF GRASS AND FOREIGN MATTER. ALL GRASSED AREAS TO BE MOWN EVERY TWO WEEKS DURING THE SEASON AND ONCE PRIOR TO THE WINTER BREAK.

Planting Works

- PLANTING WORKS TO BE CARRIED OUT IN THE CURRENT PLANTING SEASON (NOV TO MARCH).
- TREES / PLANTS GENERALLY:
 - TO BE MATERIALLY UNDAMAGED, STURDY, HEALTHY, VIGOROUS, OF GOOD SHAPE AND WITHOUT ELONGATED SHOOTS.
 - GROWN IN SUITABLE ENVIRONMENT AND HARDENED OFF.
 - FREE FROM PESTS DISEASES, DISCOLORATION, WEEDS AND PHYSIOLOGICAL DISORDERS.
 - NAME, FORMS, DIMENSIONS AND OTHER CRITERIA AS SCHEDULED AND DEFINED IN THE NATIONAL PLANT SPECIFICATION

Planting Pits

- TRANSPLANT TREES & SHRUBS:
 - 300MM X 300MM X 300MM DEEP (NO STAKES OR TIES REQUIRED) BACKFILL MIX: INCORPORATE 2L COMPOST AND 10G EN-MAG FERTILISER INTO EACH TREE-PIT. MIXING THOROUGHLY WITH THE EXISTING SUBSTRATE.
- STANDARD TREES:
 - 1200MM X 1200MM X 700MM DEEP (BREAK UP BOTTOM OF PIT TO DEPTH OF 150MM AND BACK FILL WITH EXCAVATED MATERIAL). SECURE USING 2NO. 75MM DIAMETER, 1.400MM LONG STAKE DRIVEN 800MM INTO THE GROUND. TIE TREE TO STAKES WITH 2 LOOPS OF 'TOMS' EXPANDING RUBBER BELT (25MM WIDE) AND ALLOW FOR BUCKLE.
 - BACKFILL MIX: 400MM DEPTH OF 1 PART TOPSOIL, 1 PART MOIST PEAT AND 3 HANDFULS OF BONE MEAL PER BARROW LOAD. REMAINDER TO BE SET IN 1 PART TOPSOIL, 1 PART MOIST PEAT PER BARROW LOAD.

Shrub Planting

SHRUBS TO BE PLANTED IN GROUPS OF SIMILAR SPECIES WITH GENERALLY THE TALLER SPECIES PLANTED TO THE REAR OF BEDS. ALL SHRUBS TO COMPLY WITH BS 3936 PT 1 1992. ALL SHRUBS PLANTED TO ORIGINAL NURSERY DEPTH. SHRUB BEDS TO BE FREE OF STONES, WEEDS ETC AND CULTIVATED TO A DEPTH OF 300MM.

Mulch

SUPPLY AND SPREAD BARK MULCH TO A SETTLED DEPTH OF 50MM OVER ALL HEDGEROW/SHRUB PLANTING STRIPS (1.0M WIDTH) AND AROUND THE BASE OF EACH STANDARD TREE (1.0M DIAMETER)

Establishment Maintenance

REGULAR VISITS WILL BE MADE DURING THE GROWING SEASON AND AS NECESSARY TO FULFIL THE REQUIREMENTS OF THE FOLLOWING SPECIFICATION:

Failures of Planting

ANY TREES/SHRUBS/PLANTS THAT FAIL TO THRIVE DURING THE FIRST 3 YEARS FOLLOWING PLANTING WILL BE REGARDED AS DEFECTS AND MUST BE REPLACED DURING THE NEXT SUITABLE PLANTING SEASON. REPLACEMENTS MUST MATCH THE SIZE OF ADJACENT OR NEARBY PLANTS OF THE SAME SPECIES OR SHOULD MATCH THE ORIGINAL SPECIFICATION, WHICHEVER IS THE GREATER.

PRUNE TREES & SHRUBS AT APPROPRIATE TIMES TO REMOVE DEAD OR DYING AND DISEASED WOOD AND SUCKERS TO PROMOTE HEALTHY GROWTH AND NATURAL SHAPE. PRUNE IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICE.

Grassland Management

PULL OUT THISTLE & RAGWORT BEFORE ALLOWING SEED TO SET AND COMPOST OFF-SITE. SPOT SPRAY DOCK & BRACKEN AS REQUIRED WITH SUITABLE TRANSLOCATED HERBICIDE. STRIP AREAS OF NETTLE AND BRAMBLE. AMENITY GRASS AREAS TO BE CUT 12 TIMES PER ANNUM THROUGH THE GROWING SEASON (APPROXIMATELY ONCE PER FORTNIGHT).

Wildflower Seeding

Areas to be seeded to be cleared of annual weeds by hoeing or herbicide application. Perennial weeds to be eradicated by a translocated glyphosate-based herbicide. Ground Ground to be cultivated to provide a weed free seed bed and firmed if necessary. Seed mixture to be sown evenly at the recommended rate either during the Spring (April-May) or Autumn (September - October). Upon completion of sowing, seed bed is to be raked lightly with a spring - tined rake and soil firmed by treading or rolling and the area well-watered with a fine spray.

Wildflower areas to be cut every six to eight weeks during the first year after sowing to prevent the grass from over growing the slower growing wildflowers. Cuttings to be removed from site. In following years wildflower areas are to be cut in early spring, before growth starts, and in October, after all wildflower seeds have been shed. Cuttings to be removed from site.

TREE SCHEDULE

REF:	NAME	PLANTING SIZE	SIZE	NUMBERS
	Leyland Cypress (Cuprocyparis leylandii)\	1.6m high & 2m dia spread evenly spaced	12-14g Rootballed	4

Wild Seed mixture

REF:	NAME	To area of banking being retained.
	Emorsgate EM3 -	https://wildseed.co.uk/mixtures/view/4/special-general-purpose-meadow-mixture

Enhancements

Birds

A Schwegler 1SP Sparrow Terrace or the following https://www.nhbs.com/sparrow-terrace-nest-box will be bolted to the pallsade fencing (conifer hedgerow) to the south of the bank.

Invertebrate

The area of Banking that will be retained will be seeded with Emorsgate EM3

https://wildseed.co.uk/mixtures/view/4/special-general-purpose-meadow-mixture

Note: Planning Condition 3

No Development or Site clearance shall take place: until there has been submitted to and approved in writing by the LPA a scheme of landscaping. The scheme shall include indications of all existing tree's (including spread and species) and hedgerows on the land, identify those to be retained and set out measures for their throughout the course of development.

N.B.

All dimensions and sewer runs to be checked on site by contractor before work begins

Utopia Design Architectural Services			
Issued Only for Purpose Indicated			
Drawing Status: FOR PLANNING PURPOSES ONLY			
Client	MMA Red Barrel House Pant Road, Dowlais Merthyr Tydfil CF48 3SH		
Project	Removal of Elevated Ground to Create Parking Area		
Drawn by	Paper	Date	
PT	A2	26.05.2021	
Title	Scale		1:200
Proposed Spec with Details		Drwg No MMA LANDSCAPING 02B	