



KEY

- EXISTING TREE/HEDGE RETAINED & PROTECTED - SEE ECOURBAN TREE REPORT PLANS FOR ALL DETAILS
- PROPOSED SPECIMEN TREE - PLANTED AS EXTRA HEAVY STANDARD (AS AGREED WITH HBC TREE OFFICER)
- PROPOSED TREE - SELECTED STANDARD SIZE
- NATIVE MIX HEDGEROW PLANTING
- CLIPPED EVERGREEN HEDGE
- SHRUBS & GROUND COVER
- GRASS - TURF OR SEEDED
- WILDFLOWER GRASS SEED MIX - MAXIMUM 2 CUTS PER YEAR
- AREAS OF CONSERVATION GRASSLAND - SEE EAS LTD REPORTS FOR ALL DETAILS
- 1.2m HIGH POST AND 3 RAIL TIMBER FENCE WITH STOCKPROOF SQUARE MESH ATTACHED (TO PREVENT ACCESS BY DOGS)

GENERAL NOTES

- All existing trees & planting to be retained within or adjacent the site shall be protected in accordance with BS5837:2012 as shown on the Tree Protection Plans
- Contractor shall establish location of all services & drainage before starting any work
- Groundwork - soil levels for shrub beds and areas of grass should have any compacted subgrade thoroughly broken up by machine before instructing the groundworker/landscape contractor to spread topsoil. All rubble, concrete etc to be removed before spreading topsoil
- Ensure narrow planting beds are free of concrete footings before planting. If the concrete cannot be removed then the section of bed shall be paved or spread with gravel
- All imported topsoil to BS 3882:2015 multipurpose grade
- Minimum topsoil depths to be as indicated on plant schedule. All depths assume topsoil laid over clean subsoil
- General plant stock to conform to BS3936 and planting to BS4248:1989. Contractor shall give the Landscape Architect the opportunity of inspecting all plant stock at a holding nursery before delivery to site
- Establishment maintenance for 12 months for all planting to include weed control, watering and replacement of failures (to the original Specification) in the planting season following failure. Particular attention given to watering trees during prolonged dry spells
- The developer/client shall be responsible for ensuring foundation design accommodates all proposed and existing tree planting with reference to the current NHBC guidance
- Contractor shall check for nesting birds before commencing clearance before the end of July. Bird nesting season is generally from 1 March until 31 July. Vegetation or site clearance should be done outside of the nesting season

NOTE:

DRAWING TO BE READ WITH FOLLOWING DOCUMENTS:

TGD LANDSCAPE PLANTING PLAN SHEET 2
TGD LANDSCAPE A4 MAINTENANCE PLAN
TREE PROTECTION PLANS BY ECOURBAN
EAS LTD ECOLOGY REPORTS COVERING HABITAT CREATION AREAS

Reptile / Invertebrate Hibernacula

- 3 No. to be included within the Yachthaven Conservation Grassland
- Exact location and build to be guided by the Ecological Clerk of Works (ECOW)

LEGEND NOTES

- EXISTING APPROACH LANE RE-SURFACED WITH BITMAC. EXISTING HEDGEROW RETAINED AND PROTECTED
- EXISTING TREES RETAINED AND PROTECTED
- MOWN GRASS PATH TYPICALLY 1m WIDE WITH WILDFLOWER GRASS EITHER SIDE
- EVERGREEN HEDGE CLIPPED AT MAX. 1.5m HIGH. LAID OUT ON SINUOUS LINE FOR NATURAL EFFECT
- 1m WIDE NATIVE HEDGEROW PLANTING TO CREATE WILDLIFE CORRIDOR LINKING THE FRONT AND THE REAR OF THE SITE
- TREE PLANTING ARRANGED IN NATURAL, RANDOM WAY WITH OCCASIONAL GAPS TO ALLOW 'FRAMED' VIEWS OF SEA
- SMALL NATIVE TREES TO AVOID FUTURE CONFLICT WITH BOAT CRADLE
- AREA CLEARED OF RUBBLE AND RUBBISH. GRADED AND SOWN WITH NATIVE GRASSLAND SPECIES TO CREATE NEW HABITAT FOR WILDLIFE. SEE EAS LTD ECOLOGY REPORT FOR ALL DETAILS. NO PEDESTRIAN ACCESS BUT PROVIDE STILES AS DETAILED BY EAS LTD FOR MAINTENANCE ACCESS
- 1.2m HIGH POST AND THREE RAIL TIMBER FENCE WITH SQUARE STOCKPROOF MESH ATTACHED (TO PREVENT DOG ACCESS)
- REMOVE CONTAMINATED FILL FROM ORIGINAL POND TO CREATE 'SCRAPE' FOR WADING BIRDS. EXCAVATE NEW DITCHES FEEDING INTO 'SCRAPE'. SEE EAS LTD ECOLOGY REPORT FOR ALL DETAILS
- RESTORE PUBLIC FOOTPATH. BOUND GRAVEL
- REMOVE HARD STANDING, SPREAD SOIL AND GRASS SEED
- LOW GROWING NATIVE TREE SPECIES SUCH AS HAWTHORN ONLY TO AVOID CONFLICT WITH FEEDING WADERS
- YACHTHAVEN COASTAL MEADOW - SINC (SITE OF IMPORTANCE FOR NATURE CONSERVATION), TO BE MANAGED AS A HIGH TIDE FEEDING AND ROOSTING STATION FOR WADERS. SEE EAS LTD ECOLOGY REPORT FOR ALL DETAILS. SOME AREAS OF SELECTIVE CLEARANCE OF EXISTING HAWTHORN & BLACKTHORN AS RECOMMENDED BY EAS LTD
- 1.2m HIGH POST AND THREE RAIL TIMBER FENCE OR POST AND THREE STRAINED WIRE FENCE WITH SQUARE STOCKPROOF MESH ATTACHED TO PROTECT NEW HEDGE PLANTING AND DEFINE EDGE OF SINC. PROVIDE STILES AS DETAILED BY EAS LTD
- ALONG WESTERN BOUNDARY SELECTIVELY CLEAR SCRUB TO INCREASE AREAS OF GRASSLAND. SEE EAS LTD ECOLOGY REPORT FOR ALL DETAILS
- COASTAL TREATMENT - CLEAN-UP EXISTING BANK AND FORESHORE AND REMOVE RUBBLE/RUBBISH/TARMAC
- RE-POSITIONED CONCRETE SEA DEFENCE

PLANT SCHEDULE (Totals for sheets 1 & 2)

Specimen trees (as agreed with HBC Tree Officer)				
code	species	common name	size	quantity (no.)
ALS	Alnus aspehii	Alder	Ext. hvy. Std. 14-16cm girth, 4.25-6m high, Container grown (min 150L pot)	2
APN	Acer pseudoplatanus 'Negenia'	Negelia Sycamore	Ext. hvy. Std. 14-16cm girth, 4.25-6m high, Container grown (min 150L pot)	2
SRN	Sorbus intermedia	Swedish Whitebeam	Ext. hvy. Std. 14-16cm girth, 4.25-6m high, Container grown (min 150L pot)	2
TCC	Tilia cordata	Small leaved Lime	Ext. hvy. Std. 14-16cm girth, 4.25-6m high, Container grown (min 150L pot)	1
Trees planted in 2 x 1 x 1m deep pit, backfilled with 80% clean topsoil well mixed with 20% TP/MC and 200 grams granular fertiliser.				
All trees double full length staked with cross-brace, rubber ties and spacer blocks.				
Sample of staking for each species to be approved. Trees protected with approved rabbit guards and mulched (75mm deep). All trees in grass to have black strimmer guard and 0.8m diameter mulched 'circle'.				

Trees				
code	species	common name	size	quantity (no.)
ACC	Acer campestre	Field Maple	Sel. Std. 10-12cm girth, 3.0-3.5m high, Container grown (min 85L pot)	18
ALN	Alnus aspehii	Alder	Sel. Std. 10-12cm girth, 3.0-3.5m high, Container grown (min 85L pot)	4
APG	Acer pseudoplatanus 'Negenia'	Negelia Sycamore	Sel. Std. 10-12cm girth, 3.0-3.5m high, Container grown (min 85L pot)	1
CMM	Crataegus monogyna	Hawthorn	Sel. Std. 10-12cm girth, 3.0-3.5m high, Container grown (min 85L pot)	12
HSS	Hippophae salicifolia 'Streetwise'	Sea Buckthorn	Sel. Std. 10-12cm girth, 3.0-3.5m high, Container grown (min 85L pot)	11
PCC	Pyrus calleryana 'Charitae'	Ornamental Pear	Sel. Std. 10-12cm girth, 3.0-3.5m high, Container grown (min 85L pot)	10
PNN	Pinus nigra	Austrian Pine	Pinus spp. feathered 2.0-2.5m high, Container grown (min 85L pot)	4
SOR	Sorbus intermedia	Swedish Whitebeam	Sel. Std. 10-12cm girth, 3.0-3.5m high, Container grown (min 85L pot)	1
PTR	Populus tremula or Populus x canadensis	Poplar	Ext. hvy. Std. 14-16cm girth, 4.25-6m high, Container grown (min 150L pot)	3
Trees planted in 1.2 x 1.2 x 0.8m deep pit, backfilled with 80% clean topsoil well mixed with 20% TP/MC and 100 grams granular fertiliser.				
All trees double full length staked with cross-brace, rubber ties and spacer blocks.				
Sample of staking for each species to be approved. Trees protected with approved rabbit guards and mulched (75mm deep). All trees in grass to have black strimmer guard and 0.8m diameter mulched 'circle'.				

Specimen Plants			
code	species all spp min. 5 breaks	size	quantity (no.)
BBN	Buddleja 'Black Night'	80-100cm, 7L pot	5
Plants planted in 0.3 x 0.3 x 0.5m deep pit, backfilled with 80% clean topsoil well mixed with 20% TP/MC and 50 grams granular fertiliser.			
Plants only staked if required. All plants protected by 0.9m high drained post and three wire rabbit proof fencing. All shrub beds mulched with 75mm min. deep approved bark mulch.			

Climbers			
code	species all spp min. 5 breaks	size	quantity (no.)
CMR	Clematis montana 'Rubens'	3L pot, 80-100cm	2
LPC	Lonicera periclymenum	3L pot, 80-100cm	2
RBL	Rosa 'Banksia Lutea'	3L pot, 80-100cm	1
Climbers planted in 0.3 x 0.3 x 0.5m deep pit, backfilled with 80% clean topsoil well mixed with 20% TP/MC and 50 grams granular fertiliser.			
Climbers that are not self-climbing provided with approved galvanised wire supports. Climbers trained around wire support and up post of car port. All climbers mulched with 75mm min. deep approved bark or shingle mulch.			

Hedging			
code	species all spp min. 5 breaks	No. per sq. m	size
EEB	Elaeagnus x ebingei	4	10L, 60-80cm high
EVY	Escallonia 'Iveyi'	4	10L, 60-80cm high
GGH	Glaucidium ilicifolia 'Green Horizon'	4	10L, 60-80cm high
LHA	Osieria hastata	4	10L, 60-80cm high
Hedging planted in 0.4 wide x 0.5m deep trench, backfilled with 80% clean topsoil well mixed with 20% TP/MC and 50 grams granular fertiliser.			
As required hedging protected by 0.9m high driven post and three strained wire fence with rabbit proof fencing attached.			

All Areas of Wildflower Grass - Ground Preparation

Existing topsoil stripped to leave max. 50mm topsoil layer. Cultivate & grade to marry levels, allow weeds to germinate and spray off with approved herbicide, then sow wildflower grass seed mix (see below for mixes) with suitable drill

Wildflower Seed Mix Along Either Side of Mown Grass Path (Note 3 on plan)
(This Mix to be confirmed based on soil test of site soil sample)

EMORGATE SEEDS EM2 - Standard General Purpose Meadow Mix

Sowing Rates 4 grms per sq. m

Areas of Conservation Grassland (Note 8 on plan)

All main site Areas sown with grass seed mix specified by EAS Ltd Ecology

Mown Grass Areas (Either grass turf or sown with following seed mix)

All main site mown grass areas to be sown with EMORGATE SEEDS EG22 - Wear Tolerant Turfgrass seed mix. Sowing Rates 25 grms per sq. m.

Areas of mown grass to be spread with 150mm deep topsoil.

Seed available from: EMORGATE SEEDS

T: (01553) 829029 E-mail: enquiries@emorgateseeds.com

Mix A - Native mix hedgerow planting

Total area - 84 sq. m.			
species all spp min. 5 breaks	grouping	% of mix	quantity (no.)
Acer campestre (Field Maple)	3	2.5	4
Ilex aquifolium (Holly)	3-5	2.5	4
Quercus robur (English Oak)	3-5	5	10
Shrub species			
Crataegus monogyna (Hawthorn)	5-15	45	76
Ilex aquifolium (Holly)	3-7	10	16
Ligustrum vulgare (Wild Privet)	3-11	20	34
Prunus spinosa (Blackthorn)	1-11	15	13

- Planting at 2 plants per sq. m, with trees planted in groups of 3-5 of one species at a min. of 2m apart. Species to be randomly mixed for natural effect in groups of one species of varying sizes. Avoid straight lines, staggered.
- Shrubs planted in 0.3 x 0.3 x 0.4m deep pit, backfilled with 80% clean topsoil well mixed with 20% TP/MC and 20 grams granular fertiliser. Trees planted in 0.5 x 0.5 x 0.5m deep pit backfilled with 80% clean topsoil well mixed with 20% TP/MC and 50 grams granular fertiliser.
- Trees whips 1-5: 120-150cm, all shrub species 60-80 cm. Ilex spp. rootballed or pot grown (10L), all other spp. bare root. As required planting protected by 0.9m high driven post and three strained wire fence with rabbit proof fencing attached. All planting mulched with 75mm min. deep approved bark mulch.
- All tree planting set out to be min. 8m away from houses/garages
- Planting trimmed at max. 3m high

Mix B - Native mix hedge planting

Total length - 255 lin. m.			
species all spp min. 5 breaks	grouping	% of mix	quantity (no.)
Acer campestre (Field Maple)	5-7	20	306
Cornus sanguinea (Dogwood)	3-5	5	77
Crataegus monogyna (Hawthorn)	7-15	40	612
Ilex aquifolium (Holly)	3-5	5	77
Ligustrum vulgare (Wild Privet)	5-7	10	153
Prunus spinosa (Blackthorn)	5-7	10	153
Sambucus nigra (Elder)	3-5	5	77
Rosa canina (Dog Rose)	3-5	5	77

- Plants planted at 6 plants per lin. m in double staggered rows. 35cm between rows at equal centres. Species to be randomly mixed for natural effect in groups of one species of varying sizes.
- Hedge planted in 0.4 x 0.4 x 0.5m deep trench, backfilled with 80% clean topsoil well mixed with 20% TP/MC and 100 grams a lin. m granular fertiliser.
- Plants 60-80 cm. All bare root apart from Ilex spp. rootballed or pot grown (10L). All plants protected by 0.9m high strained post and three wire rabbit proof fencing. All hedging mulched with 75mm min. deep approved bark mulch.
- Hedge trimmed at max. 1.8m high
- As required hedging protected by 0.9m high driven post and three strained wire fence with rabbit proof fencing attached.

Mix C - Shrub Planting

Total area - 58 sq. m.			
species all spp min. 5 breaks	grouping	% of mix	quantity (no.)
Cistus x corbariensis (Crest of bed)	9-15	20	46
Cornus alba 'Sibirica' (rear of bed)	9-15	20	23
Cornus stolonifera 'Flavicomis' (rear of bed)	15-35	10	12
Hebe salicifolia	9-15	20	46
Rosa rugosa 'Fru Dagmar Hastrup'	11-21	30	70

- Cornus spp. planted at 2 per sq. m. All other species at 4 per sq. m. Species to be randomly mixed for natural effect in groups of one species of varying sizes. Avoid straight lines, staggered.
- Plants planted in 0.3 x 0.3 x 0.4m deep pit, backfilled with 80% clean topsoil well mixed with 20% TP/MC and 20 grams granular fertiliser.
- Cornus spp. 60 - 80 cm, bare root, Rosa 30-40cm bare root and all other species 30-40 3L pot.
- All plants protected by 0.9m high strained post and three wire rabbit proof fencing. All shrub beds mulched with 75mm min. deep approved bark mulch.
- As required planting protected by 0.9m high driven post and three strained wire fence with rabbit proof fencing attached.

Mix D - Groundcover Edge Planting

Total area - 125 sq. m.			
species all spp min. 5 breaks	grouping	% of mix	quantity (no.)
Hedera helix 'Hibernica'	15-35	40	200
Lonicera nitida 'Maygreen'	11-21	30	150
Lonicera periclymenum (remove any stakes and go to ground)	7-9	10	50
Symphoricarpos chenaultii 'Hancock'	9-15	20	100

- Planted 4 plants per sq. m. Species to be randomly mixed for natural effect in groups of one species of varying sizes. Avoid straight lines, staggered.
- Plants planted in 0.3 x 0.3 x 0.4m deep pit, backfilled with 80% clean topsoil well mixed with 20% TP/MC and 20 grams granular fertiliser.
- All species 30-40cm spread, 3L pot grown. All shrub beds mulched with 75mm min. deep approved bark mulch.
- As required planting protected by 0.9m high driven post and three strained wire fence with rabbit proof fencing attached.

Mix E - Groundcover Planting

Total area - 60 sq. m.			
species all spp min. 5 breaks	grouping	% of mix	quantity (no.)
Eurostylis fortunei 'Emerald 'n' Gold'	15-21	30	72
Hebe angustifolia 'Pallens' (front of bed)	11-15	20	48
Hebe rakaiensis	15-21	30	72
Miscanthus sinensis 'Silverpinnis' (rear of bed)	11-15	20	36

- Miscanthus at 3 plants per sq. m. All other species at 4 plants per sq. m. Species to be randomly mixed for natural effect in groups of one species of varying sizes. Avoid straight lines, staggered.
- Plants planted in 0.3 x 0.3 x 0.4m deep pit, backfilled with 80% clean topsoil well mixed with 20% TP/MC and 20 grams granular fertiliser.
- As required planting protected by 0.9m high driven post and three strained wire fence with rabbit proof fencing attached.
- Miscanthus 30-40cm high, 'n' pot grown. All other shrub species 30-40cm height/spread, 3L pot grown. All shrub beds mulched with 75mm min. deep approved bark mulch.
- As required planting protected by 0.9m high driven post and three strained wire fence with rabbit proof fencing attached.

Mix F - Ornamental Shrub Planting

Total area - 42 sq. m.			
species all spp min. 5 breaks	grouping	% of mix	quantity (no.)
Camptocotyle x clancornensis	5-7	10	17
Hebe 'White Gem'	11-21	20	33
Lavandula angustifolia 'Hidcote'	15-35	30	50
Phloxium 'Evening Glow'	Groups of 3	n/a	9
Rosmarinus off. 'Prostratus'	7-11	10	17
Rosmarinus officinalis	15-35	30	50

- Planted 4 plants per sq. m apart from Phloxium in groups of 3. Species to be randomly mixed for natural effect in groups of one species of varying sizes. Avoid straight lines, staggered.
- Plants planted in 0.3 x 0.3 x 0.4m deep pit, backfilled with 80% clean topsoil well mixed with 20% TP/MC and 20 grams granular fertiliser.
- Phloxium 40-60cm, 7L pot grown. All other shrub species 30-40cm height/spread, 3L pot grown. All shrub beds mulched with 75mm min. deep approved bark mulch.
- Phloxium spp. planted in groups of 3 at either end of plant beds or in corners.
- As required planting protected by 0.9m high driven post and three strained wire fence with rabbit proof fencing attached.

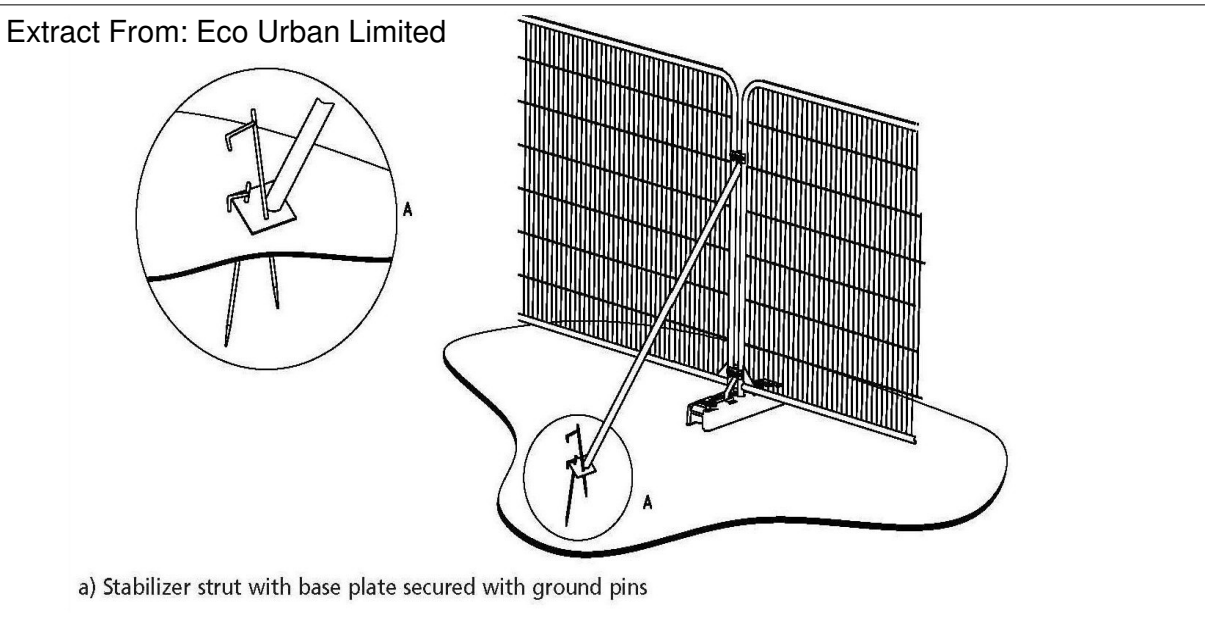


FIGURE 1 - TREE PROTECTION DETAIL FROM BS 5837:2012

ECO 3 - TREE PROTECTION MEASURES AT YACHTHAVEN, HAYLING ISLAND

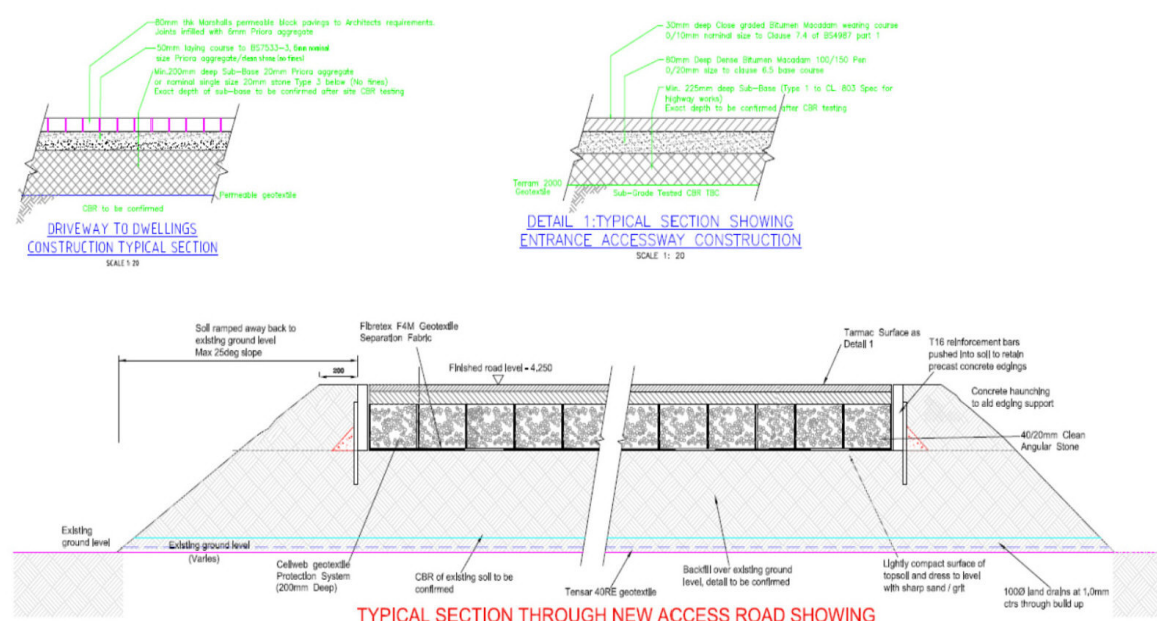


FIGURE 2 - ACCESS ROAD DETAIL FROM ENGINEERS
DRAWING 333579 - 202P1

Base Plan (Black and White) Provided By



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PROJECT
RESIDENTIAL DEVELOPMENT
YACHTHAVEN
HAYLING ISLAND

DRAWING
Planting Plan - sheet 1 of 2

Scale: 1:250 @ A0
Drawn by: TG Date: August 2017

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1717 - 0101

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