PLANT SCHEDULE

ORNAMENTAL SHRUB PLANTING

Abb	Species	Size	Height (cm)	Density	Number
BBW	Bergenia 'Bressingham White'	7L	20-30	4 sq.m	51
CoE	Carex oshimensis 'Evergold'	7L	20-30	4 sq.m	64
CtS	Choisya ternata 'Sundance'	7L	30-40	3 sq.m	35
EEG	Euonymus 'Emerald n Gold'	7L	20-30	4 sq.m	57
EfH	Euonymus fortunei 'Harlequin'	7L	20-30	4 sq.m	53
HGG	Hebe 'Green Globe'	7L	20-30	4 sq.m	48
HMW	Hebe 'Mrs Winder'	7L	20-30	3 sq.m	50
LaV	Lavandula angustifolia 'Vera'	7L	20-30	4 sq.m	136
PaDR	Persicaria affinis 'Darjeeling Red'	7L	20-30	4 sq.m	36
PmM	Pinus mugo 'Mops'	7L	30-40	3 sq.m	37
SMM	Skimmia 'Magic Marlot'	7L	20-30	4 sq.m	74
PtV	Pittosporum tenuifolium 'Variegatum'	7L	30-40	3 sq.m	35
Sh	Sarcococca humilis	7L	30-40	3 sq.m	75

ORNAMENTAL SHRUB PLANTING

Abb	Species	Size	Height (cm)	Density	Number
PJ	Phormium 'Jester'	20L	80-100	Ind.	19
PMS	Phormium 'Maori Sunrise'	20L	80-100	Ind.	5

NATIVE SCRUB MIX - Planted at 2 per sq.m and to be protected with spiral bound shrub guards

Abb	Species	Type	Height (cm)	% in Mix	Number
Cm	Crataegus monogyna	BR	60-80	20%	367
Cs	Cornus sanguinea	BR	60-80	20%	367
Ps	Prunus spinosa	BR	60-80	20%	367
Rc	Rosa canina	BR	60-80	20%	367
Rf	Rubus fruticosus	BR	60-80	10%	183
Vo	Viburnum opulus	BR	60-80	10%	183

WOODLAND WHIP MIX - Planted at 1 per sq.m and to be protected with spiral bound shrub guards

Abb	Species	Type	Height (cm)	% in Mix	Number
Ac	Acer campestre	BR	100-120	15%	146
Bp	Betula pendula	BR	100-120	20%	195
Cm	Crataegus monogyna	BR	100-120	30%	292
Ms	Malus sylvestris	BR	100-120	20%	195
Pa	Prunus avium	BR	100-120	15%	146

ORNAMENTAL HEDGE

Abb	Species	Size	Height (cm)	Density	Number
Pl	Prunus lusitanica	10L	90-120	2.5 lin.m	2434

NATIVE TREE PLANTING (Heavy Standard)

Abb	Species	Size (cm)	Height (cm)	Root	Number
Ag	Alnus glutinosa	12-14	300-350	BR	9
Bp	Betula pendula	12-14	300-350	BR	39
Cm	Crataegus monogyna	12-14	300-350	BR	10
Ms	Malus sylvestris	12-14	300-350	BR	24
Pa	Prunus avium	12-14	300-350	BR	15

NATIVE TREE PLANTING (Semi-Mature)

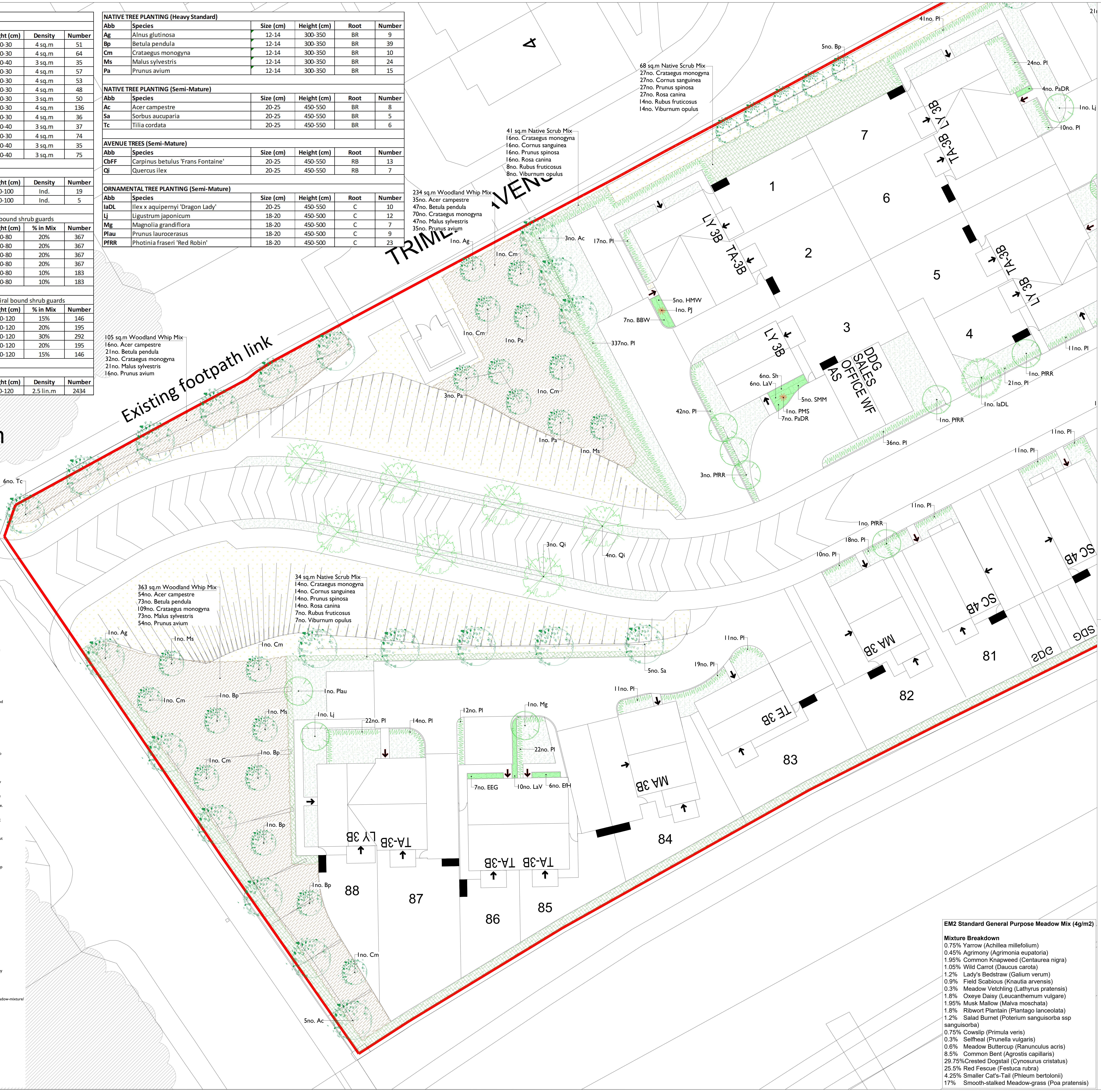
Abb	Species	Size (cm)	Height (cm)	Root	Number
Ac	Acer campestre	20-25	450-550	BR	8
Sa	Sorbus aucuparia	20-25	450-550	BR	5
Tc	Tilia cordata	20-25	450-550	BR	6

AVENUE TREES (Semi-Mature)

Abb	Species	Size (cm)	Height (cm)	Root	Number
CbFF	Carpinus betulus 'Frans Fontaine'	20-25	450-550	RB	13
Qi	Quercus ilex	20-25	450-550	RB	7

ORNAMENTAL TREE PLANTING (Semi-Mature)

Abb	Species	Size (cm)	Height (cm)	Root	Number
IaDL	Ilex x aquipernyi 'Dragon Lady'	20-25	450-550	C	10
Lj	Ligustrum japonicum	18-20	450-500	C	12
Mg	Magnolia grandiflora	18-20	450-500	C	7
Plau	Prunus laurocerasus	18-20	450-500	C	9
PfRR	Photinia fraseri 'Red Robin'	18-20	450-500	C	23



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0m 5m 10m 15m 20m

KEY

SOFT LANDSCAPE

Proposed Native Trees
Locally native 12-14cm Heavy Standard and 20-25cm girth Semi-Mature trees to be planted within the areas of public open space.

Proposed Avenue Trees
Trees to be planted as 20-25cm girth Semi-Matures within key location points within soft landscape.

Proposed Ornamental Trees
Medium-growing to be planted as 20-25cm girths Semi-Matures within key location points within POS areas.

Proposed Small Ornamental Trees
Small-growing trees to be planted as 18-20cm girth Semi-Matures within the smaller front gardens inline with NHBC guidelines.

Proposed Ornamental Hedges
Single species evergreen ornamental hedges to be planted within front gardens as 10L pots at 3 per lin.m.

Proposed Ornamental Shrub Beds - Gardens
Shrubs to be planted within the front gardens as 5-10L pots at 3sq.m and enhanced by 20L Feature specimens. Species to include low-growing evergreen species for the benefit of visual amenity and food source for local wildlife.

Proposed Native Scrub Mix
Native shrubs to be planted within the areas of public open space as 80-100cm BR whips at 1 per sq.m density to provide structural diversity, interest and habitat for local wildlife.

Proposed Other Neutral Grassland
Grassland within the public open space to be seeded with a grass and wildflower mix tolerant of localised regular mowing regimes for verges and areas intended for informal recreation & remain unmown during May-August to allow species to flower. To be EM2 Standard General Purpose Meadow Mixture from Emorsgate.

Proposed Woodland Whips Mix
To be planted within the areas of public open space as BR stock, 100-120cm, Planted at 1 per sq.m.

Proposed Amenity Grass
Lawns to be laid as turf or seeded with a hard wearing amenity grass mix.

Proposed Gravel
Areas indicated to be surfaced in gravel.

Existing Access footpath link

PLANTING NOTES:

1. Plant handling at the nursery, and during transit up to delivery, shall be in accordance with 'Plant Handling', the booklet published by the Committee for Plant Supply and Establishment (CPSE). The contractor shall comply with clauses 3 & 4 of the above booklet (obtained from the Horticulture Trades Association, 19 High Street, Theale, Reading, Berks RG7 5H) which refers to the receipt, unloading and temporary storage of plants.

2. Plants shall be first class examples of their species or variety, free from all pests and diseases, with good fibrous root systems and materially undamaged (refer to relevant sections of BS3936 Parts 1-4 'Specification of Nursery Stock').

3. All planting is to be in general compliance with BS4428: 1989 'Code of Practice for general landscape operations

4. Tree Planting:
One number 80 litre bag of compost (non-peat based) should be roughly incorporated between two tree pits and a slow release tree fertiliser (inline with manufacturers recommendations) should also be incorporated into the mix. The compost and fertiliser must be thoroughly mixed with the excavated material prior to back filling the tree pit. Any large stones and rubble should be removed if excavated during these works and the base of the pit should be broken out to ensure that it is free draining. 12-14cm girth trees should be secured with a single timber stake and rubber tree tie. 18-20cm and 20-25cm girth trees should be secured with double timber stake and rubber tree tie. As a guide, trees should be planted in tree pits of the following minimum sizes;

i) 12-14cm girth	800 x 800 x 600mm deep
ii) 18-20cm girth	1200 x 1200 x 850mm deep
iii) 20-25cm girth	1200 x 1200 x 850mm deep

5. All BR Whips and BR stock (proposed native scrub and woodland whip mix) to be protected with a spiral-bound tree/shrub guard and secured into place with a cane. Ensure that areas around the base of shrubs are maintained weed free during the establishment period using a glyphosate based herbicide. BR stock should be notch planted and heeled in securely to firm into position.

6. Shrub Beds and Planting General:
i) All beds should be free draining and free from builders rubble and large stones. There should be min 450mm of good quality top soil to all the shrubs beds (which is expected to be supplied by the house builder).
ii) Areas to be treated with a non-residual glyphosate based herbicide prior to planting and cultivated to a depth of 150mm.
iii) A slow release fertiliser mixed with a peat free compost should be incorporate into the back fill material when planting the shrubs to give them the best possible chance of establishment.
iv) For hedges dig a trench the full length of the hedge 500mm wide x 400mm deep and break up the base to facilitate drainage.

7. When storing the topsoil, compaction and contamination should be prevented by covering and not allowing construction plants to pass over it. It should also be handled in the driest conditions possible and not after a heavy rainfall. When spreading the topsoil do not firm, consolidate or compact it.

8. Finishing Beds:
i) The finished surface of the bed should be free from weeds, stones or rubble and the surface of the soil cultivated to level out any clumps, mounds or depressions.
ii) When planted all shrub beds are to be mulched with 50mm depth of small grade bark mulch.
iii) The beds should be maintained weed free and the beds topped up annually with bark mulch as required.

9. Grass:
i) Beds should be free draining and free from builders rubble and large stones. There should be min 150mm of good quality top soil to all the areas to be seeded (which is expected to be supplied by the house builder).
ii) Areas to be cultivated to a depth of 150mm and finished to a fine tilth with smooth even contours and gradients.
iii) Prior to seeding the areas should be sprayed with a non-residual glyphoshate based herbicide.
iv) Ensure that the grass is maintained to 25-50mm and once established mown min 12 times a year in the growing season.

10. Emorsgate 'EM2 Standard General Purpose Meadow' mix:
Ground Preparation:
i) Remove any existing vegetation by repeated cultivation or turf stripping.
ii) Plough, surface cultivate or dig to bring up clean soil.
iii) Harrow or rake to produce a medium tilth, and roll or tread to produce a firm surface. Aim to produce a firm, weed-free, medium tilth seed-bed.
Sowing Rate: 4g/m2
Sowing:
i) Sow in the autumn or spring
ii) Divide the quantity of seed and sow half in one direction over the entire area and the remainder across the whole area in the other direction.
iii) The seed must be sown on the surface and can be applied by seed drill, seed fiddle, or broadcast by hand. Do not incorporate or cover the seed, but firm with a roll, or by treading, to give good seed/soil contact.
Aftercare:
i) Resist cutting the first annual weeds until mid to late summer (even if they look unsightly), especially if the mixture contains Yellow Rattle, or has been sown with a nurse of cornfield annuals.
ii) Cut, remove and compost the meadow in Early August. This will reveal the young meadow, which can then be kept short by mowing through to the end of March of the following year.
iii) In the second growing season, and each year thereafter, leave the meadow uncut from the end of March to mid-summer, allowing the sown species to flower in June and July. After flowering, mow and remove the cuttings.
iv) The meadow may then be kept mown through to the end of March in the following year.
For more information please visit:
https://wildseed.co.uk/product/mixtures/complete-mixtures/general-purpose-meadow-mixtures/standard-general-purpose-meadow-mixture/
https://wildseed.co.uk/additional-information/sowing-and-aftercare-mixtures/

12. Watering:
i) All Trees, Hedges and Shrub beds to be watered in the first year of establishment regularly during periods of drought until established.
ii) For the trees in the first year of establishment and in subsequent years if there is a drought. Water with the following volumes once every 2-4 weeks regardless of rainfall:

12-14cm girth trees - 150 litres minimum per month
18-20cm girth trees - 200 litres minimum per month
20-25cm girth trees - 250 litres minimum per month

13. Weeding:
All shrub beds to be maintained weed free by regularly hand weeding the beds and spot treating any prolific weeds with a glyphosate based weed killer. Maintaining the bark mulch will also help to reduce weed growth.

14. The contractor must ascertain himself/herself of the exact location of underground services prior to carrying out any digging on site.

EM2 Standard General Purpose Meadow Mix (4g/m2)

Mixture Breakdown

0.75%	Yarrow (Achillea millefolium)
0.45%	Agrimony (Agrimonia eupatoria)
1.95%	Common Knapweed (Centaurea nigra)
1.05%	Wild Carrot (Daucus carota)
1.2%	Lady's Bedstraw (Galium verum)
0.9%	Field Scabious (Knautia arvensis)
0.3%	Meadow Vetchling (Lathyrus pratensis)
1.8%	Oxeye Daisy (Leucanthemum vulgare)
1.95%	Musk Mallow (Malva moschata)
1.8%	Ribwort Plantain (Plantago lanceolata)
1.2%	Salad Burnet (Poterium sanguisorba ssp sanguisorba)
0.75%	Cowslip (Primula veris)
0.3%	Selfheal (Prunella vulgaris)
0.6%	Meadow Buttercup (Ranunculus acris)
8.5%	Common Bent (Agrostis capillaris)
29.75%	Crested Dogstail (Cynosurus cristatus)
25.5%	Red Fescue (Festuca rubra)
4.25%	Smaller Cat's-Tail (Phleum bertolonii)
17%	Smooth-stalked Meadow-grass (Poa pratensis)

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Client
Bellway Homes Limited

Project
Pitsford Road, Monsall

Description
Planting Plan (1 of 4)

Status
For Comments

Scale		Drawn	
1:200@A1		CC (EP)	
Job number	**Drawing number**	**Date**	**Revision**
5739	01	May 25	-

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All levels and dimensions to be checked on site by contractor prior to commencement; Any variations to be reported to the client. This drawing is to be read in conjunction with all others relating to the project and all information derived accordingly; any anomolies to be reported to the client. Do not scale from this drawing. Use figured dimensions only. Work shown on this drawings to be carried out in accordance with current British Standards and Codes of Practice.

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