SHRUB SPECIES REFERENCES :-

Drac ~ Drachyglottis sunshine ~ 15cms ~ 3L ~ 4/m² ~ 16n°
* Corn ~ Cornus sanguineum ~ 60-90cms ~ br ~ 1m ctrs ~ 3n°
* Crat ~ Crataegus monogyna ~ 60-90cms br ~ 1m ctrs ~ 3n°
Erys ~ Erysimum Bowles mauve ~ 15-30cms ~ 3L ~ 4/m² ~ 14n°
Escr ~ Escallonia rubra crimson spire ~ 30-40cms ~ 3L ~ 3/m² ~ 6n°
Euofeg ~ Euonymus fortunei emer. & gold ~ 15cms ~ 3L ~ 5/m² ~ 41n°
Euofsg ~ Euonymus fort. silver queen ~ 15cms ~ 3L ~ 5/m² ~ 14n°
Fucv ~ Fuchsia versicolor ~ 15-30cms ~ 3L ~ 3/m² ~ 6n°
Hedc ~ Hedera colchica sulphur heart ~ 40-60cms ~ 3L ~ 3m ctrs ~ 4n°
Helc ~ Helleborus corsicus ~ 15cms ~ 3L ~ 4/m² ~ 33n°
Ilex ~ Ilex aquifolium ~ 30-40cms ~ 5L ~ 1m ctrs ~ 3n°
Kerjf ~ Kerria japonica floreplena ~ 40-60cms ~ 3L ~ 1m ctrs ~ 3n°
Kerjv ~ Kerria jap. variegata ~ 15-30cms ~ 3L ~ 4/m² ~ 20n°
Lonper ~ Lonicera perydimenum ~ 40-60cms ~ 3L ~ 3m ctrs ~ 5n°
Lonnm ~ Lonicera nitida 'maygreen' ~ 15-30 ~ 3L ~ 4/m² ~ 64n°
Lavh ~ Lavandula Hidcote ~ 15cms ~ 3L ~ 5/m² ~ 20n°
Maha ~ Mahonia aqui. 'Apollo' ~ 15-30cms ~ 3L ~ 4/m² ~ 62n°
Phil ~ Philadelphus manteau'hermine' ~ 15-30 ~ 3L ~ 4/m² ~ 19n°
Pyrcr ~ Pyracantha saphyr red ~ 40-60cms ~ 3L ~ 1m ctrs ~ 3n°
Pyrsy ~ Pyracantha saphyr yellow ~ 40-60cms ~ 3L ~ 1m ctrs ~ 3n°
* Rham ~ Rhamnus frangula ~ 60-90cms ~ br ~ 1m ctrs ~ 3n°
Sedh ~ Sedum herbstfreude ~ 15cms ~ 3L ~ 4/m² ~ 6n°
Skic ~ Skimmia confusa New green ~ 15cms ~ 3L ~ 4/m² ~ 5n°
Spia ~ Spiraea Anthony waterer ~ 15-30cms ~ 3L ~ 4/m² ~ 19n°
Verb ~ Verbena bonariensis ~ - 3L ~ 4/m² ~ 9n°
Viboc ~ Viburnum opulus compactum ~ 30-40cms ~ 3L ~ 4/m² ~ 12n°

Shrubs :- to BS3936 to be planted in debris & weed free beds 30cms deep. Topsoil to BS3882. Beds to be structured with smaller species to front and edges. Plants to be set out whilst still in pots to ensure optimum composition prior to planting. * denotes bare root transplants pit planted at 1m staggered centres. 1n° shrubshelter (biodegradable) per plant. Area to be maintained litter and weed free until established. Bare root planting to be carried out Nov-March avoiding frosts & drying wind.

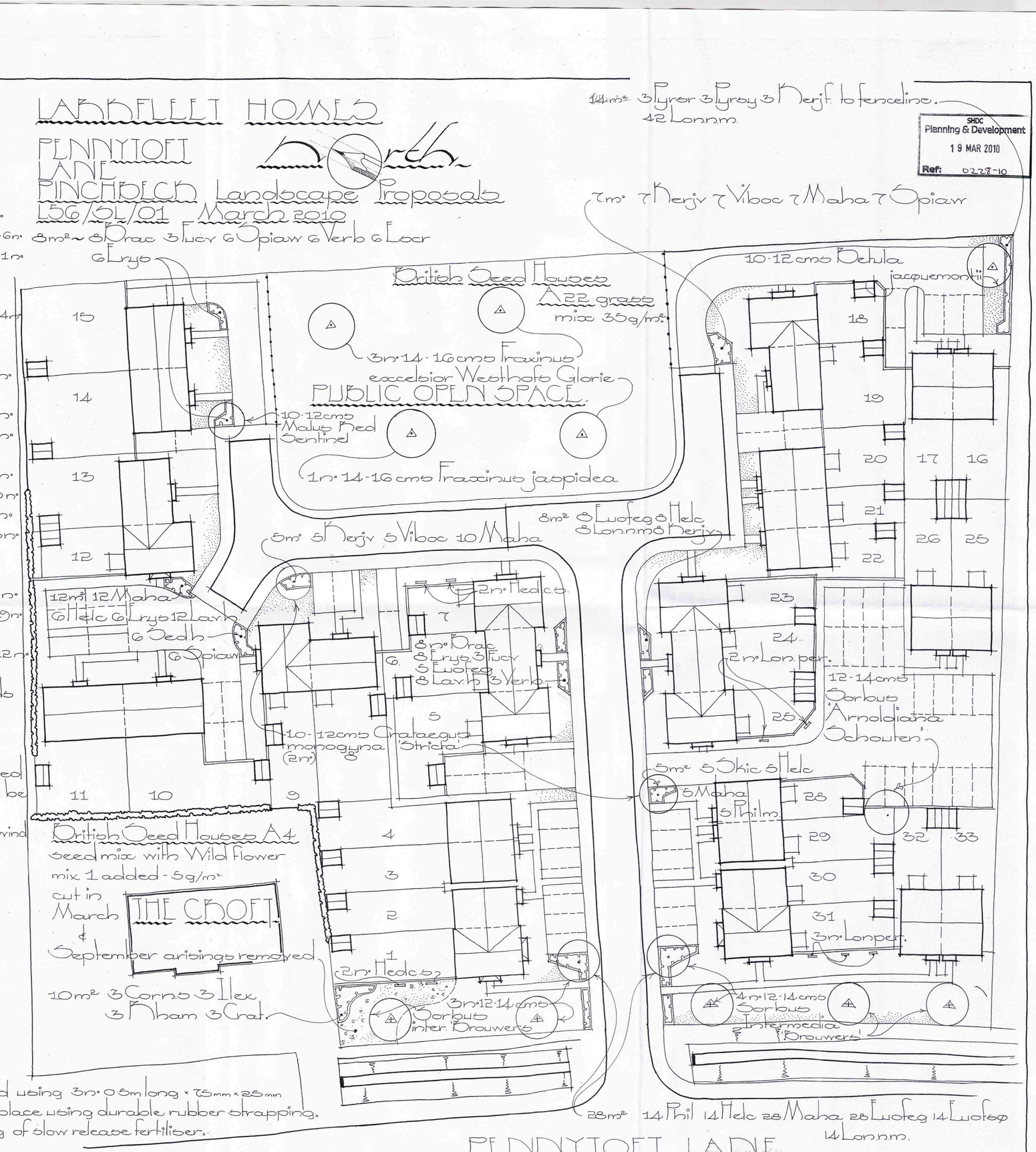
Trees ~
Betula jacquemonti ~ 10-12 cms ~ 1n° (cont)
Fraxinus excelsior Westhofs glorie ~ 14-16 cms ~ 3n° (r.b)
Fraxinus jaspidea ~ 14-16 cms ~ 1n° (r.b)
Crataegus monogyna stricta ~ 12-14 cms ~ 2n°
Sorbus intermedia 'Brouwers' ~ 12-14 cms ~ 7n°
Sorbus 'arnoldiana schouten' ~ 12-14 cms ~ 2n°
Malus 'red sentinel' ~ 10-12 cms ~ 1n°

Trees to be staked and tied at low level using 75mm dia. peeled larch stakes & durable rubber ties. △ triple staked trees to have 3n° stakes 2.1m long 600mm into ground triangulated using 3n° 0.5m long x 75mm x 25mm tanalised timber spacer bars. Tree located centrally & held in place using durable rubber strapping. Tree pits 900mm diameter x 750mm deep. Backfill to contain 110g of slow release fertiliser.

LANDFILL HOMES

PENNYTOFT LANE PINCHBECK Landscape Proposals

L56/SL/01 March 2010



SHDC
Planning & Development
19 MAR 2010
Ref: 0238-10

The Croft

VENUE

SURFACE WATER STORAGE:

RESTRICTING FLOWS TO 2.8l/s (1.4 l/s per ha) FOR ENTIRE SITE - INCLUDING PHASE 2 AREA. THE VOLUME OF STORAGE REQUIRED BASED ON A QUICK STORAGE ESTIMATE IN WINDES IS:

Return Period: 100yr
M5-60: 19mm
Ratio R: 0.4
Cv Summ: 0.75
Cv Wint: 0.84
Imp area: 0.468 ha (Phase 1 Only)
Max Allowable Discharge: 2.8 l/s
Climate Change: 30%

Volume for Phase 1 area restricted to the Greenfield Runoff for the whole site (2.8l/s) is 246-335m3.

The Phase 2 area provides approximately 3500m². This increases the total impermeable area to 0.818ha. This in turn increases the storage volume to 484-651m3.

taking an average of 570m³ of required storage and assuming the use of adoptable Weholite Attenuation results in 23No. 900Ø x 40m drains,with 610mm spacing covering an area of 1190m² as shown

NOTES

1. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS MUST BE CHECKED/ VERIFIED ON SITE. IF IN DOUBT ASK.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
3. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE. ALL LEVELS IN METRES UNLESS NOTED OTHERWISE.
4. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
5. THE INFORMATION SHOWN ON THIS DRAWING IS FOR INFORMATION ONLY.
6. THE FINISHED FLOOR LEVELS/DRAINAGE LEVELS SHOWN ON THIS LAYOUT ARE CURRENTLY INDICATIVE AND ARE SUBJECT TO FUTURE CHANGE FOLLOWING DETAILED DESIGN WORKS.
7. STORAGE VOLUMES PROVIDED ARE PRELIMINARY AND ARE PURELY BASED OFF A QUICK STORAGE ESTIMATE. FURTHER DESIGN WORK IS REQUIRED IN ORDER TO PROVIDE A MORE ACCURATE WHOLE SITE STORAGE REQUIREMENT. THE FIGURES STATED ARE A WORST CASE SCENARIO.

KEY

PROPOSED RETAINING STRUCTURE

SHDC
Planning & Development
19 MAR 2010
Ref: 0228-10

Rev	Date	Description	Drawn	Auth

AMENDMENTS

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Client: LARKFLEET HOMES

Project Title: PENNYTOFT LANE, PINCHBECK

Drawing Title: WHOLE SITE SURFACE WATER LAYOUT

Scale	Date	Drawn	Authorised
1:250	JUNE 2009	DE	AMC

Drawing Status: FOR INFORMATION

Drawing No: NTC/062/SK010 Revision

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