

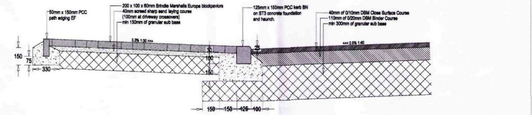
geotextile layer
(terram or similar)

Incoming 100mm Ø pipe at nominal depth to invert of 500mm

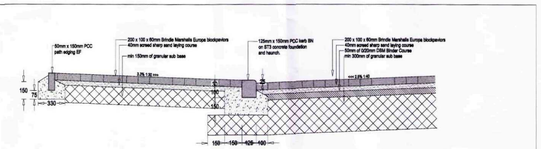
Soakaway filled with single sized granular aggregate giving 30% free volume for storage.
Soakaway to be wrapped in geotextile to prevent migration of fines.

Individual Soakaway for domestic roofwater

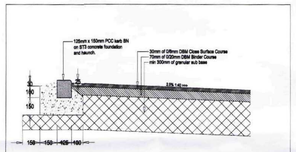
(variable length x 2.0m width x 1.4m deep, see layout for lengths)



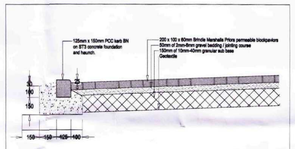
TYPE A. KERB / PRIVATE TARMAC ROAD / BLOCKPAVED FOOTPATH DETAIL



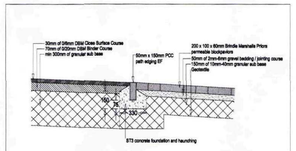
TYPE A. KERB / PRIVATE BLOCKPAVED ROAD / BLOCKPAVED FOOTPATH DETAIL



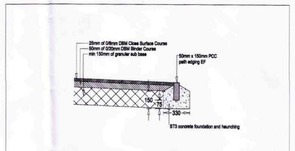
TYPE B. KERB / TARMAC SHARED DRIVEWAY DETAIL



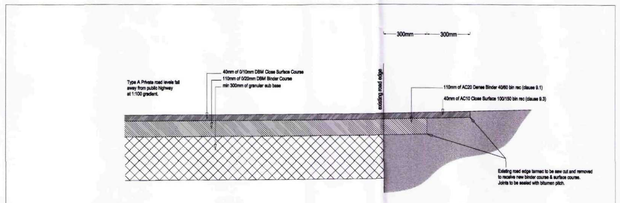
TYPE C. KERB / POROUS BLOCK PAVING PARKING SPACE DETAIL
nb: SOAKAWAY INSTALLED BENEATH.



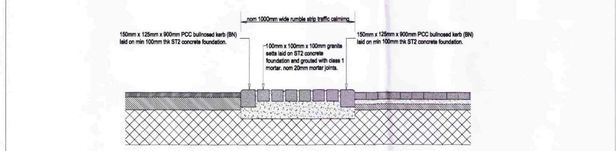
TYPE B / TYPE C ROAD EDGE DETAIL



TYPE D SINGLE DRIVEWAY DETAIL



SITE ENTRANCE / PRIVATE ROAD / TIE IN WITH EXISTING ROAD EDGE DETAIL



RUMBLE STRIP / TRAFFIC CALMING DETAIL

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NOTES:

Domestic Drainage Notes

Plot 05 DENOTES PLOT NUMBER
3.500 DENOTES SUGGESTED FINISHED FLOOR LEVEL
(2.88) DENOTES EXISTING GROUND LEVEL

- SURFACE WATER HOUSE DRAIN.
- FOUL WATER HOUSE DRAIN.
- RAINWATER PIPE ADAPTOR / GULLY HOPPER ON DRIVEWAYS
- svp SVP ADAPTOR
- fg FLOOR GULLY
- wb WASH BASIN / BATH ADAPTOR
- wc WC ADAPTOR
- bg BACK INLET GULLY
- rg RODDING EYE
- POLYPROPYLENE INSPECTION CHAMBER - STORM
- POLYPROPYLENE INSPECTION CHAMBER - FOUL
- wb WATER BUTT SIZED BY THE DEVELOPER

POLYPROPYLENE INSPECTION CHAMBERS TO BE USED UP TO 1.2m DEPTH.

WHERE CHAMBERS ARE SITED WITHIN DRIVEWAYS PROVIDE 150mm C20 CONCRETE SURROUND.

DOMESTIC DRAINAGE TO BE 100mm Ø UPVC OR CLAY LAID NO FLATTER THAN 1:80 GRADIENT.

S variable x 2.0m soakaway (1.4m deep) — soakaways filled with granular material providing 30% free volume and wrapped in terram geotextile

SHDC
Planning & Development
22 DEC 2010
Ref: 0816-10

DO NOT SCALE. USE FIGURED DIMENSIONS ONLY. CHECK ON SITE AND ALL DISCREPANCIES TO BE REPORTED TO HALL Infrastructure DESIGN Ltd.

AMENDMENTS:

REF.	DESCRIPTION.	DATE.	BY.
A	Soakaways 5A, 5B & 5E moved. SL's moved. Bin areas grasscrete.	21.12.10	GMH

CLIENT:
Stepford Homes Ltd

PROJECT:
Church Lane
Moulton

AMENDED PLAN
Ref. A1

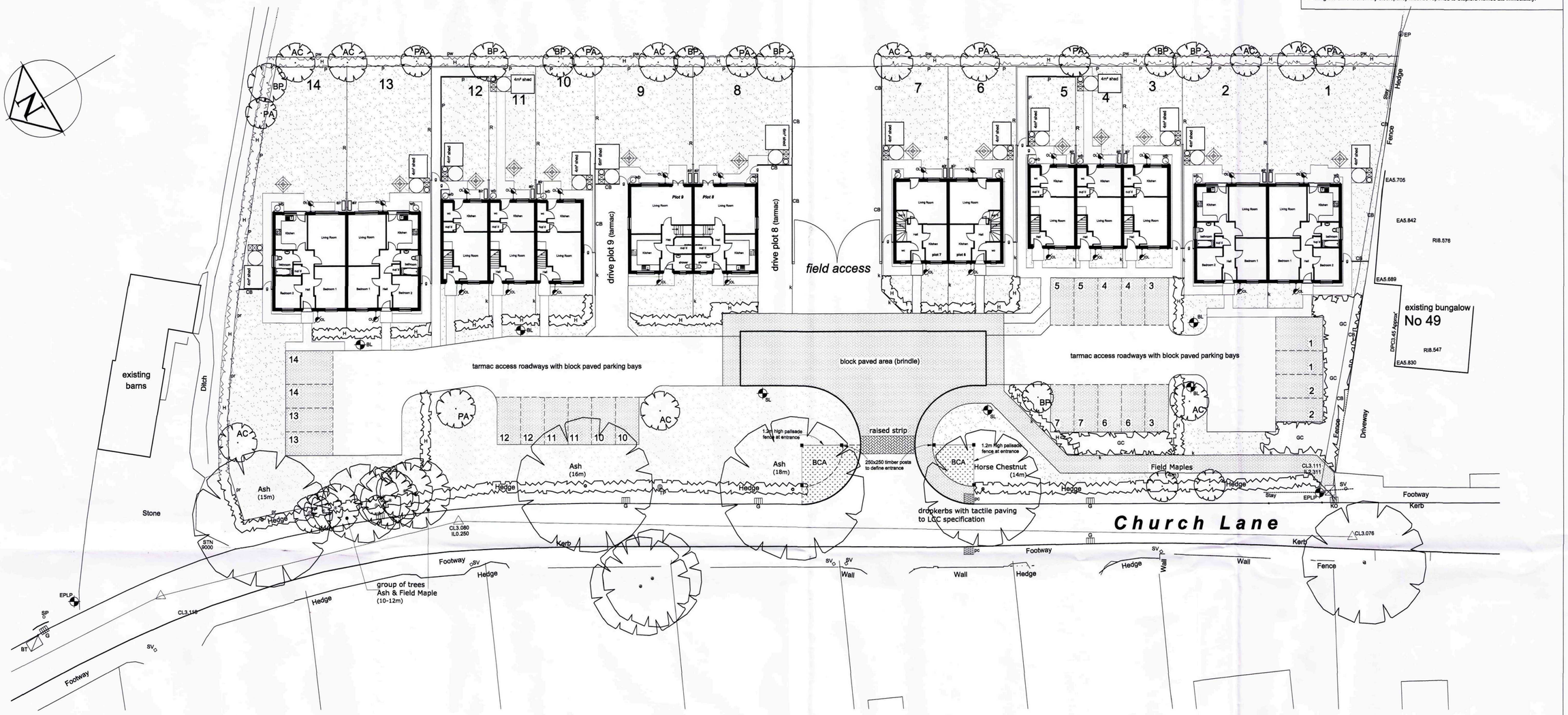
TITLE:
Road and Sewer Layout

SCALE:	DATE:
1:250	September 2010

DRAWING No:	DRAWN BY:	CHECKED BY:
1011/01-A		

HALL
-infrastructure-
DESIGN
Storrs Cottage, The Square,
North Thoresby, Grimsby,
North East Lincs, DN36 5QL
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External Works Layout

1:200 scale

Note:
For precise details of road and sewers please refer to drg. No 1011/ 01 by Hall Infrastructure Design

LEGEND

cb = 1.8m high timber close board fence

p = 1.8m high timber palisade fence

r = rear dividing gardens to be:
1.8m high close board timber privacy fence (2m long) &
1.2m high close board fence with 600mm trellis top.

pw = 0.9m high post and wire (1 strand + concrete post)

pr = 1.2m high timber post and rail (3 rails)

k = 0.45m high timber knee rail

g = personnel gate (lockable)

h = mixed frontage hedge (native species)
(hawthorn, blackthorn & dogwood)

SL Street Lights — BL Bollard Lights

Rotary Dryer

4m² Garden Shed (internal area)
6m² req`d for 4 Bed houses
including secure cycle storage.
(on concrete base)

Paths - 900mm (min)
(1200mm² (min) level landings at principle entrance. in accordance with Part M - Building Regulations).

wb Water Butt (on slab base)

m Meter Box

BCA Bin Collection Area (grasscrete)

1.5m² turning area
(for refuse & compost bin areas)

bins (indicative)

air air source heating
(external unit)

composting bins

OL outside light - fixed to house
(dawn to dusk)

LANDSCAPING

Proposed tree planting -
All trees to be standards 1.5 - 1.8m high, suitably staked and tied.
PA - prunus avium, BP - betula pendula, AC - acer campestre

H Proposed Hedgerow to be mixture or Hawthorn, Blackthorn & Dogwood, 3 per metre run 40/60 cm high.

GC Groundcover planting to be mixture of Hypercium Hidcote, Berberis Aggregata, Cotoneaster Monogyna and Forsythia Lynwood.

Street & private drive lighting to comply with Secured by Design

Private roadways and parking areas to be tarmac & block paving.
Block paving to be Marshalls Brindle and Charcoal to bin collection areas (please refer to drg. No 1011/ 01 by Hall Infrastructure Design)

Proposed development designed and constructed in accordance with Lifetime Homes Standards.

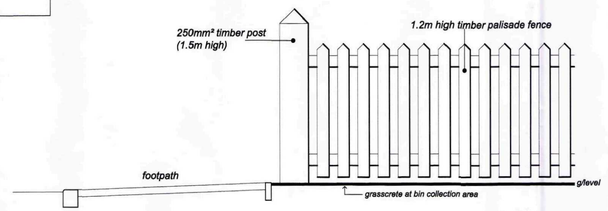
All works at existing junction`s to county highways approval.

HOUSE TYPE LEGEND

Plots 1, 2, 13, 14	2 Bed / 3 person = 67m² (721.8ft²)
Plots 3-5 & 10-12	2 Bed / 4 Person = 70.3m² (756.7ft²)
Plots 6 & 7	3 Bed / 5 person = 82m² (882.6ft²)
Plots 8 & 9	4 bed / 6 person = 104m² (1119.5ft²)

Parking Spaces = 2 per unit

Total number of dwellings = 14



Entrance Detail @ 1:25 scale

SHDC Planning & Development
22 DEC 2010
Ref: 0716/10

AMENDED PLAN
Ref. A1

B	Amendments to bin collection areas at entrance (material change)	21.12.10
A	Existing roadside gullies indicated on layout	9.9.10
Rev	Description	Date

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Project
Affordable Housing Development
Church Lane, Moulton
Spalding,
Lincolnshire.
PE12 6NP

Scale 1:200 @ A1

Date July 2010

Drawing No. 09/009/009 B

Title External Works Layout

Drawn MD