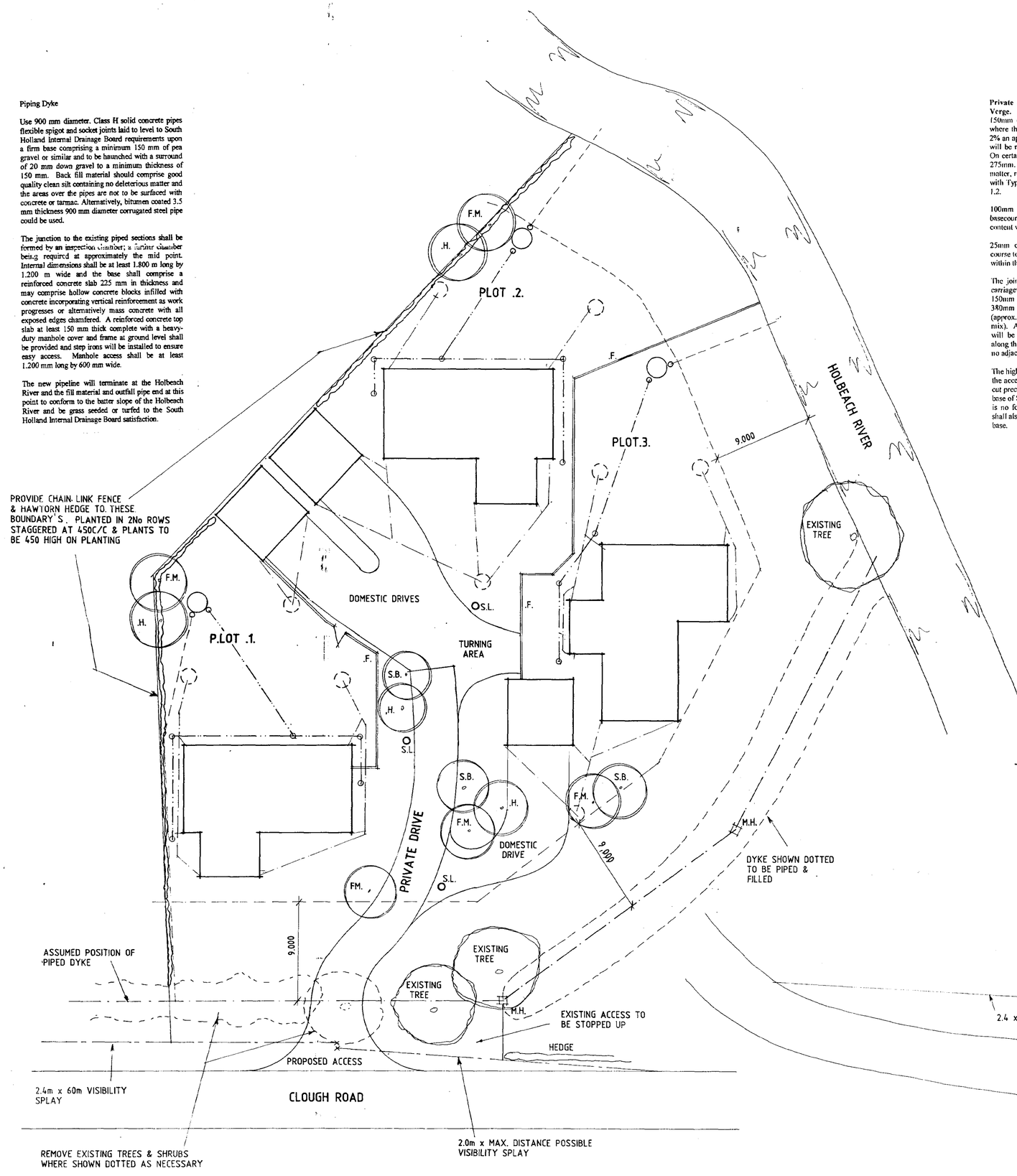
Piping Dyke

Use 900 mm diameter. Class H solid concrete pipes flexible spigot and socket joints laid to level to South Holland Internal Drainage Board requirements upon a firm base comprising a minimum 150 mm of pea gravel or similar and to be haunched with a surround of 20 mm down gravel to a minimum thickness of 150 mm. Back fill material should comprise good quality clean silt containing no deleterious matter and the areas over the pipes are not to be surfaced with concrete or tarmac. Alternatively, bitumen coated 3.5 mm thickness 900 mm diameter corrugated steel pipe could be used.

The junction to the existing piped sections shall be formed by an inspection chamber; a further chamber being required at approximately the mid point. Internal dimensions shall be at least 1.800 m long by 1.200 m wide and the base shall comprise a reinforced concrete slab 225 mm in thickness and may comprise hollow concrete blocks infilled with concrete incorporating vertical reinforcement as work progresses or alternatively mass concrete with all exposed edges chamfered. A reinforced concrete top slab at least 150 mm thick complete with a heavy-duty manhole cover and frame at ground level shall be provided and step irons will be installed to ensure easy access. Manhole access shall be at least 1.200 mm long by 600 mm wide.

The new pipeline will terminate at the Holbeach River and the fill material and outfall pipe end at this point to conform to the batter slope of the Holbeach River and be grass seeded or turfed to the South Holland Internal Drainage Board satisfaction.



SITE PLAN

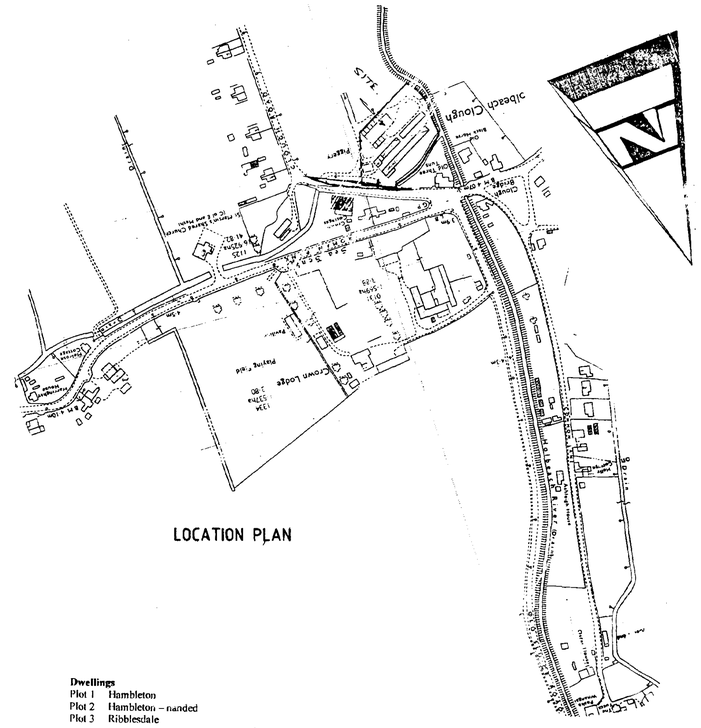
Private Drive at Point of Crossing Highway Verge.
150mm of Type 1 sub-base to clause 1.2. (NB where the CBR value of the sub-grade is below 2% an approved geosynthetic layer to Clause 6.7 will be required to be placed on the sub-grade). On certain sites the depth of topsoil may exceed 275mm. On such sites topsoil containing organic matter, roots, etc. shall be removed and replaced with Type 1 sub-base in accordance with Clause 1.2.

100mm of 20mm size dense Macadam basecourse to Clause 9.1 compacted to a void content within the range 2%-10%.

25mm of 6mm size dense Macadam wearing course to Clause 9.4 compacted to a void content within the range 2%-10%.

The joint between the access crossing and the carriageway shall be formed with 125mm x 150mm precast concrete kerbs on a 150mm x 380mm base of ST3 (15N/mm^2) concrete (approx. 1 cement:2 sand:4 aggregate by volume mix). A 125mm x 150mm x 225mm taper kerb will be required on each side of the crossing along the carriageway edge except where there is no adjacent carriageway kerbing.

The highway boundary shall be delineated across the access crossing with 50mm x 150mm square cut precast concrete edging on a 75mm x 330mm base of ST3 (15Nmm^2) concrete, and where there is no footway the edges of the access crossing shall also be delineated with the same edging and base.



LOCATION PLAN

Private Drive
The first 20mm of Private Drive to be constructed As follows:-

40mm wearing course –

110mm base course –

300mm sub – base

All to Lincolnshire County Council specification

Dwellings
Plot 1 Hambleton
Plot 2 Hambleton – handed
Plot 3 Ribblesdale

Garages
Plot 1 RB/D Garage
Plot 2 RB/D Garage - handed
Plot 3 RB/D Garage

External materials
Plots 1 & 2 BALMORAL RED MIXTURE
Plot 3 KENILWORTH MULTI RED
Plots 1, 2 & 3 Sandtoft Shire pantiles – terracotta red

Private Drive
To be minimum 4.0m wide with 6.0m radius at junction. Construction to be 19mm pink granite chippings rolled into surface of tar emulsion on 150mm lean mix concrete on 150mm hardcore with 150mm x 125mm concrete kerbs.

Dwelling Drives
To be block paved.

Landscaping
Plant trees as shown minimum height on planting to be 2.0m

S.B. Silver birch
F.M. Field maple
H Hawthorn

F 1.8m high close-boarded fence

O S.L. - LOW LEVEL STREET LIGHT BOLLARD

FOUL DRAINAGE

CONNECT FOUL DRAINS TO INDIVIDUAL BIO-DISC TREATMENT PLANTS WITH OUTFALL CONNECTED TO DYKES/PIPELINE

Notes and Revisions

Do not scale from this drawing.

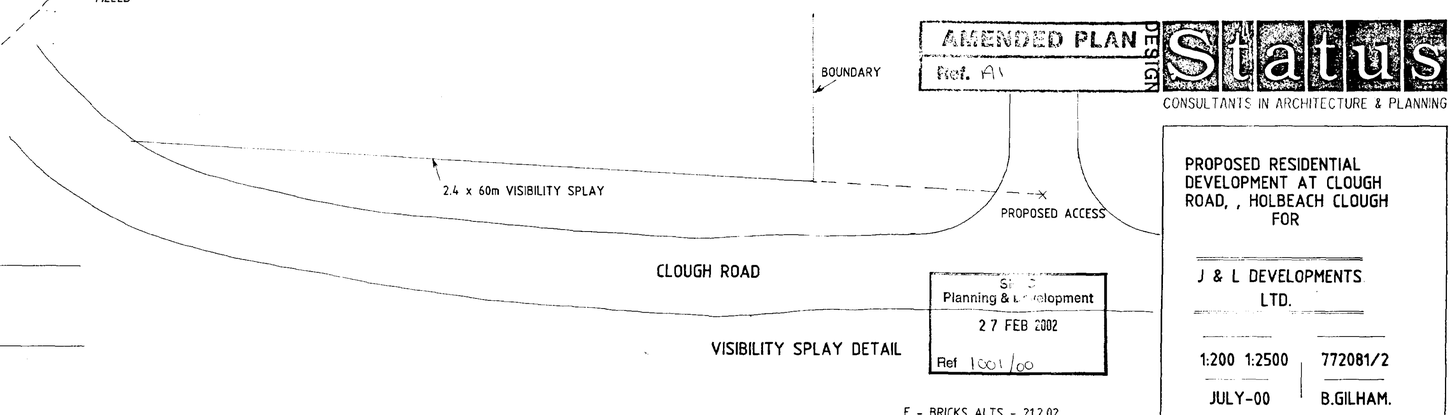
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The General Contractor is to check all dimensions on site and report discrepancies to the Architect.

All details shown on this drawing are based upon typical site conditions related to the area. No responsibility can be accepted for abnormal conditions unless reported to the Architects so that design amendments may be considered.

Please note: This drawing is not a conveyance drawing.

Construction work to be carried out with due regard to the Construction(Design and Management) Regulations 1994 (CDM) and the Health and Safety at Work, etc. Act 1974 (HSW Act).



VISIBILITY SPLAY DETAIL

AMENDED PLAN DESIGN Ref. A1

Status
CONSULTANTS IN ARCHITECTURE & PLANNING

Planning & Development
27 FEB 2002
Ref 1001/00

PROPOSED RESIDENTIAL DEVELOPMENT AT CLOUGH ROAD, , HOLBEACH CLOUGH FOR

J & L DEVELOPMENTS LTD.

1:200 1:2500 | 772081/2

JULY-00 | B.GILHAM.

THIS DRG. TO BE READ IN CONJUNCTION WITH HAMBLETON, RIBBLESDALE, RB/D GARAGE, 772081/T1

E - BRICKS ALTS - 21.2.02
D - HIGHWAY ALTS - 17.1.02
C - ALTS TO PRIVATE DRIVE - 31.10.00
B - SCREENING/S.L. - 5.10.00
A - DRAINAGE ADDED ETC. -15.9.00

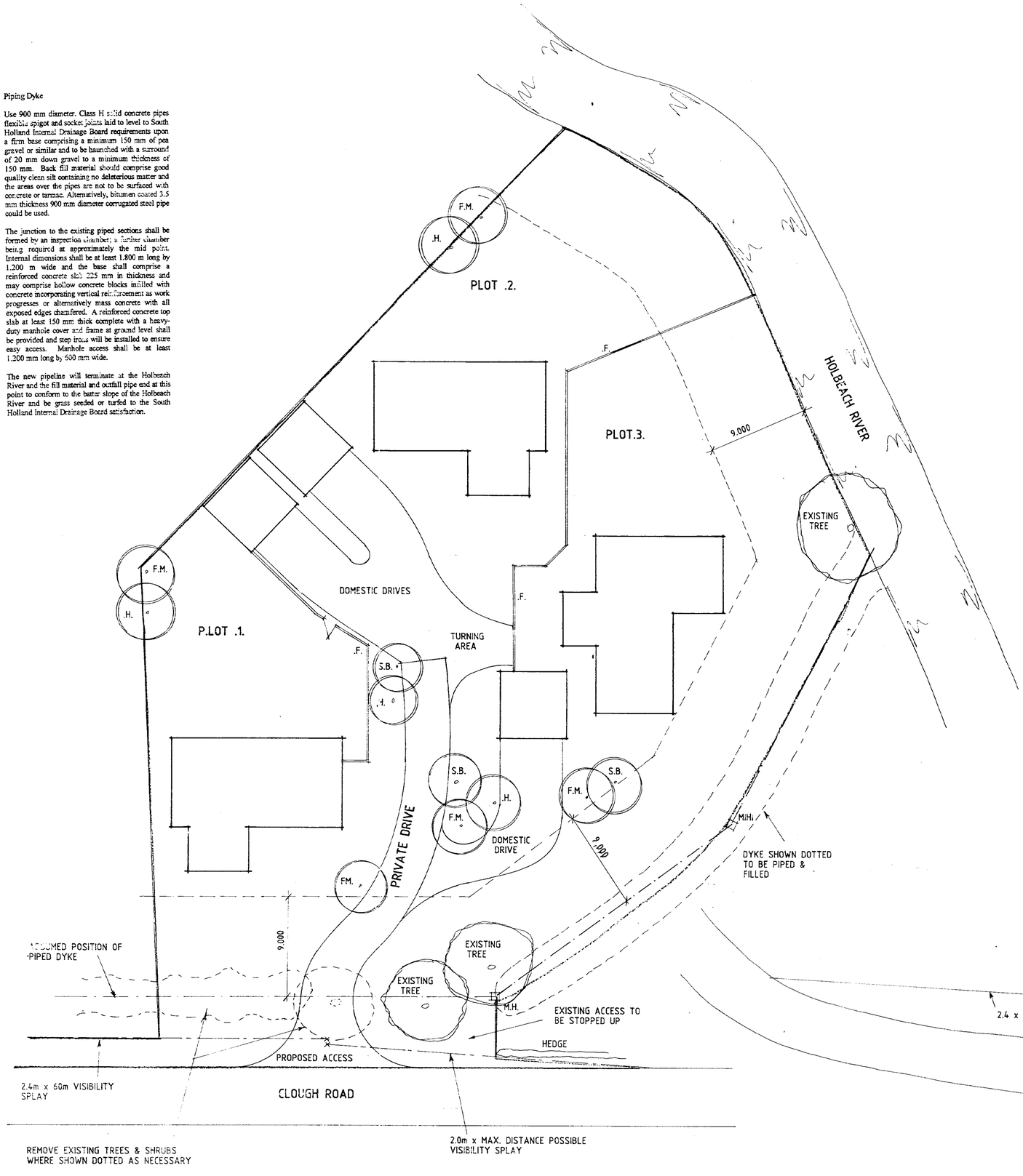
2 Edinburgh Walk, Holbeach, Spalding, Lincs. PE12 7AP. Tel: 01406 424343 Fax: 01406 490702

Piping Dyke

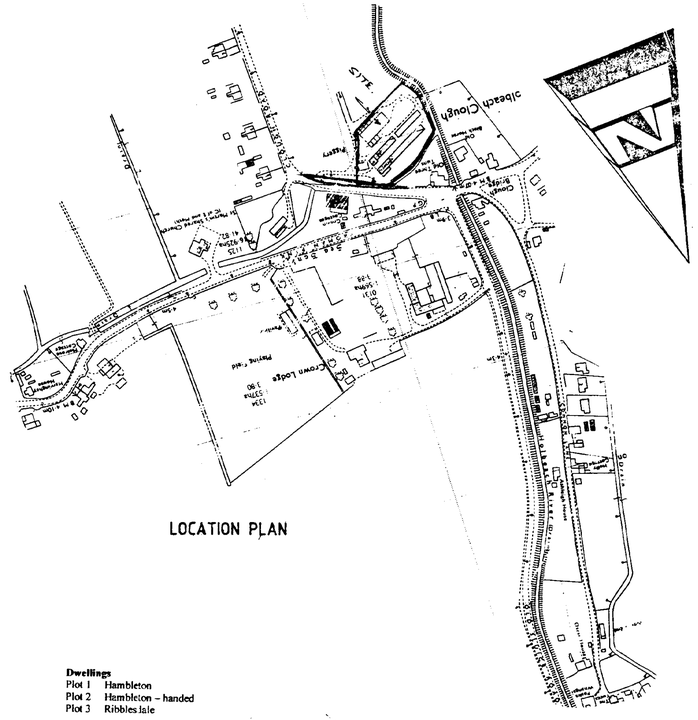
Use 900 mm diameter. Class H solid concrete pipes flexible spigot and socket joints laid to level to South Holland Internal Drainage Board requirements upon a firm base comprising a minimum 150 mm of pea gravel or similar and to be haunched with a surround of 20 mm down gravel to a minimum thickness of 150 mm. Back fill material should comprise good quality clean silt containing no deleterious matter and the areas over the pipes are not to be surfaced with concrete or tarmac. Alternatively, bitumen coated 3.5 mm thickness 900 mm diameter corrugated steel pipe could be used.

The junction to the existing piped sections shall be formed by an inspection chamber; a further chamber being required at approximately the mid point. Internal dimensions shall be at least 1.800 m long by 1.200 m wide and the base shall comprise a reinforced concrete slab 225 mm in thickness and may comprise hollow concrete blocks infilled with concrete incorporating vertical reinforcement as work progresses or alternatively mass concrete with all exposed edges chamfered. A reinforced concrete top slab at least 150 mm thick complete with a heavy-duty manhole cover and frame at ground level shall be provided and step irons will be installed to ensure easy access. Manhole access shall be at least 1.200 mm long by 500 mm wide.

The new pipeline will terminate at the Holbeach River and the fill material and outfall pipe end at this point to conform to the batter slope of the Holbeach River and be grass seeded or turfed to the South Holland Internal Drainage Board satisfaction.



SITE PLAN



LOCATION PLAN

Dwellings
Plot 1 Hambleton
Plot 2 Hambleton – handed
Plot 3 Ribblesdale

Garages
Plot 1 RB/D Garage
Plot 2 RB/D Garage - handed
Plot 3 RB/D Garage

External materials
Plots 1 & 2 Marshalls Chatsworth facing bricks
Plot 3 Ibstock Bearnish Blend facing bricks
Plots 1, 2 & 3 Sandtoft Shire pantiles – terracotta red

Private Drive
To be minimum 4.0m wide with 6.0m radius at junction. Construction to be 19mm pink granite chippings rolled into surface of tar emulsion on 150mm lean mix concrete on 150mm hardcore with 150mm x 125mm concrete kerbs.

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Landscaping
Plant trees as shown minimum height on planting to be 2.0m

S.B. Silver birch
F.M. Field maple
H Hawthorn

F 1.8m high close-boarded fence

Notes and Revisions

Do not scale from this drawing.

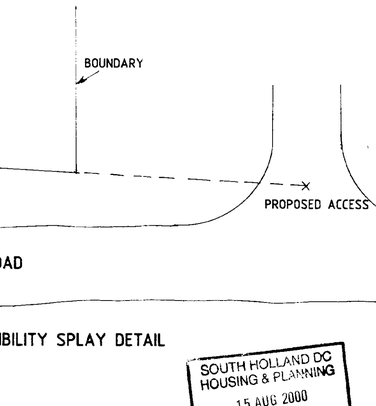
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Construction work to be carried out with due regard to the Construction(Design and Management) Regulations 1994 (CDM) and the Health and Safety at Work, etc. Act 1974 (HSW Act).



VISIBILITY SPLAY DETAIL

THIS DRG. TO BE READ IN CONJUNCTION WITH HAMBLETON, RIBBLESDALE, RB/D GARAGE

SOUTH HOLLAND DC
HOUSING & PLANNING
15 AUG 2000
Ref: 100100

DESIGN Status
CONSULTANTS IN ARCHITECTURE & PLANNING

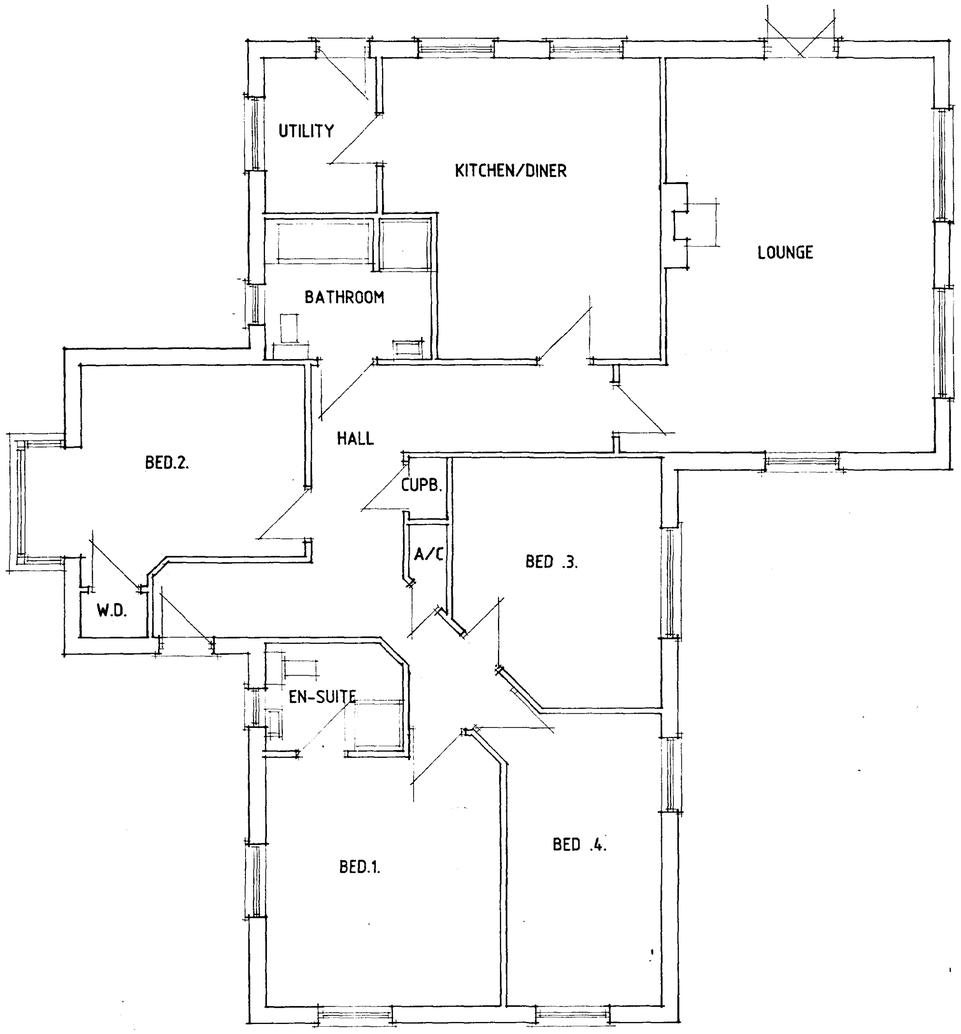
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J & L DEVELOPMENTS LTD.

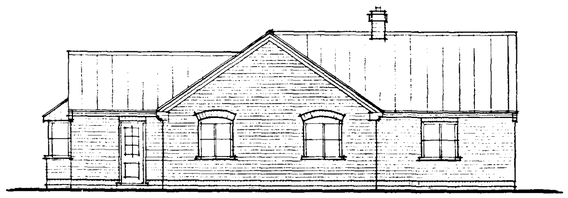
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JULY-00	B.GILHAM.

2 Edinburgh Walk, Holbeach,
Spalding, Lincs. PE12 7AP.
Tel: 01406 424343 Fax: 01406 490702

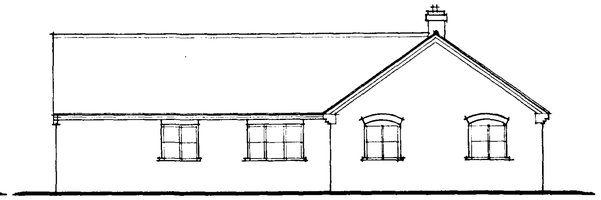
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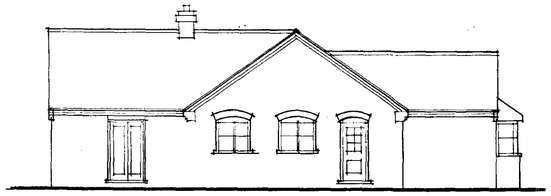
FLOOR PLAN



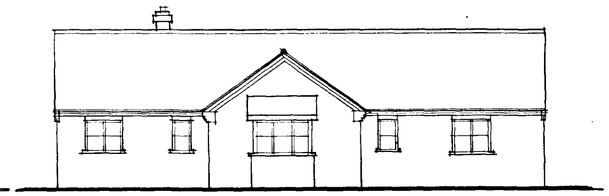
FRONT



SIDE



REAR



SIDE

DETERMINED PLAN

DESIGN Status
CONSULTANTS IN ARCHITECTURE & PLANNING

RIBBLESDALE

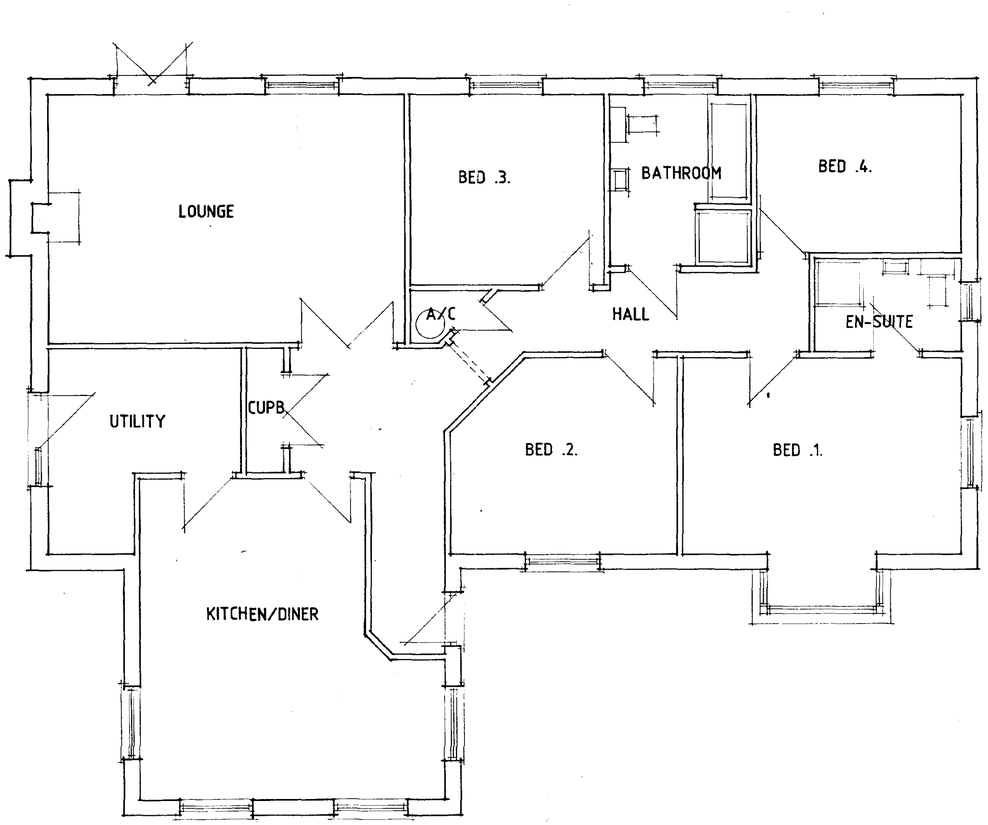
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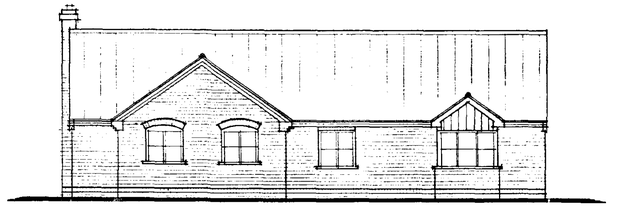
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HOUSING & PLANNING
15 AUG 2000
Ref: 100100

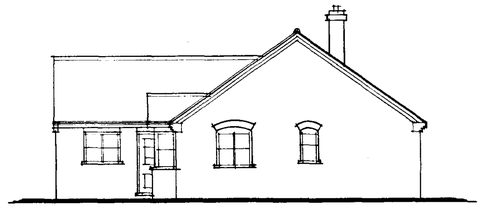
2 Edinburgh Walk, Holbeach,
Spalding, Lincs. PE12 7AP
Tel: 01406 424343 Fax: 01406 490702



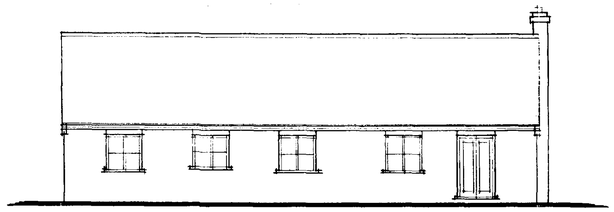
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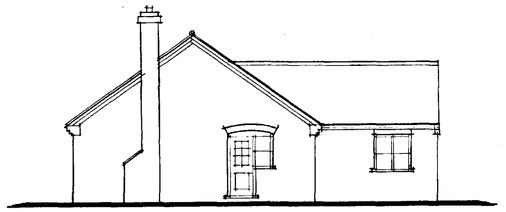
FRONT



SIDE



REAR



SIDE

DESIGN Status
CONSULTANTS IN ARCHITECTURE & PLANNING

HAMBLETON

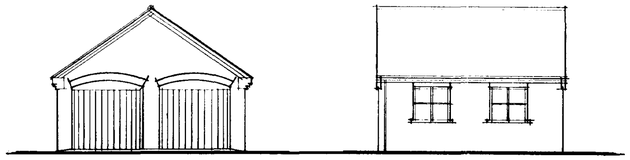
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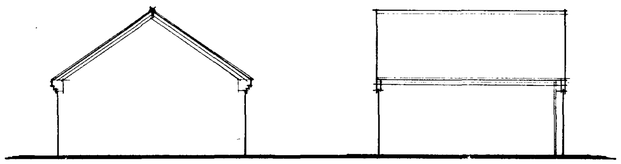
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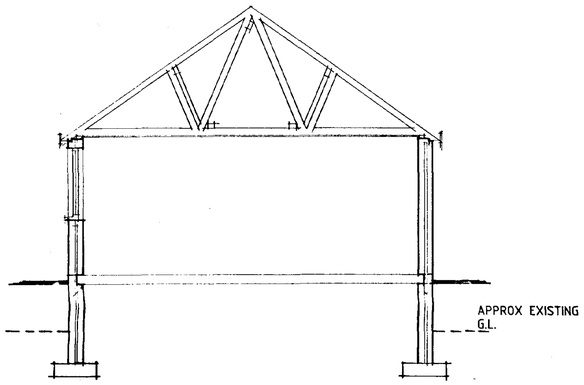
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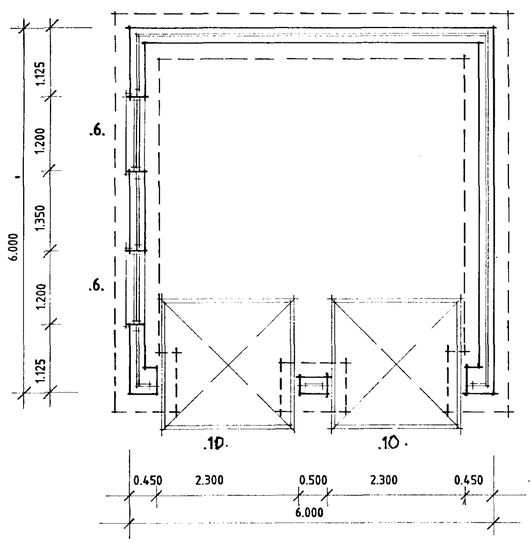
SOUTH HOLLAND DC
HOUSING & PLANNING
15 AUG 2000
Ref: 1od/00

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Tel: 01406 424343 Fax: 01406 490702

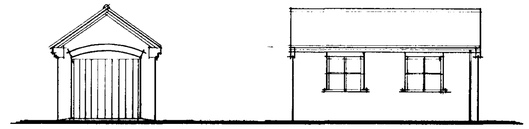


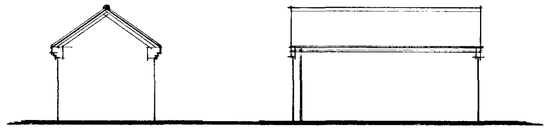


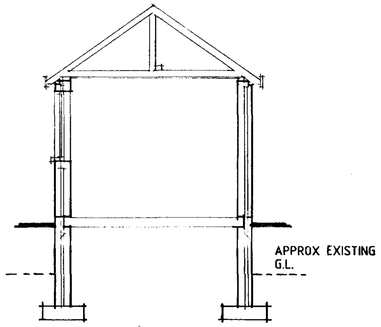


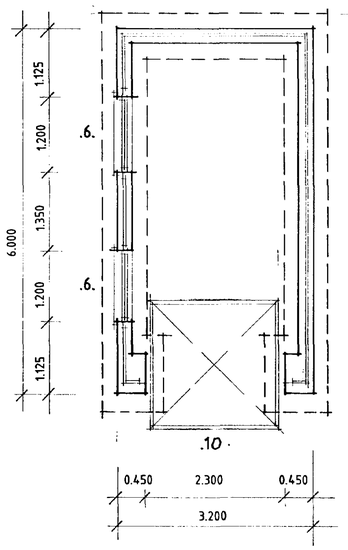


RB/D GARAGE









RB/S GARAGE

THIS DRG TO BE READ IN CONJUNCTION WITH
TECH. IMFORMATION 771947/T1

DETERMINED PLAN

SOUTH HOLLAND DC
HOUSING & PLANNING
15 AUG 2000
Ref: 1001/00

DESIGN Status
CONSULTANTS IN ARCHITECTURE & PLANNING

RB/S GARAGE
&
RB/D GARAGE

ROY BURTON

1:50 1:100 | FEB-98

B.GILHAM

2 Edinburgh Walk, Holbeach,
Spalding, Lincs. PE12 7AP.
Tel: 01406 424343 Fax: 01406 490702