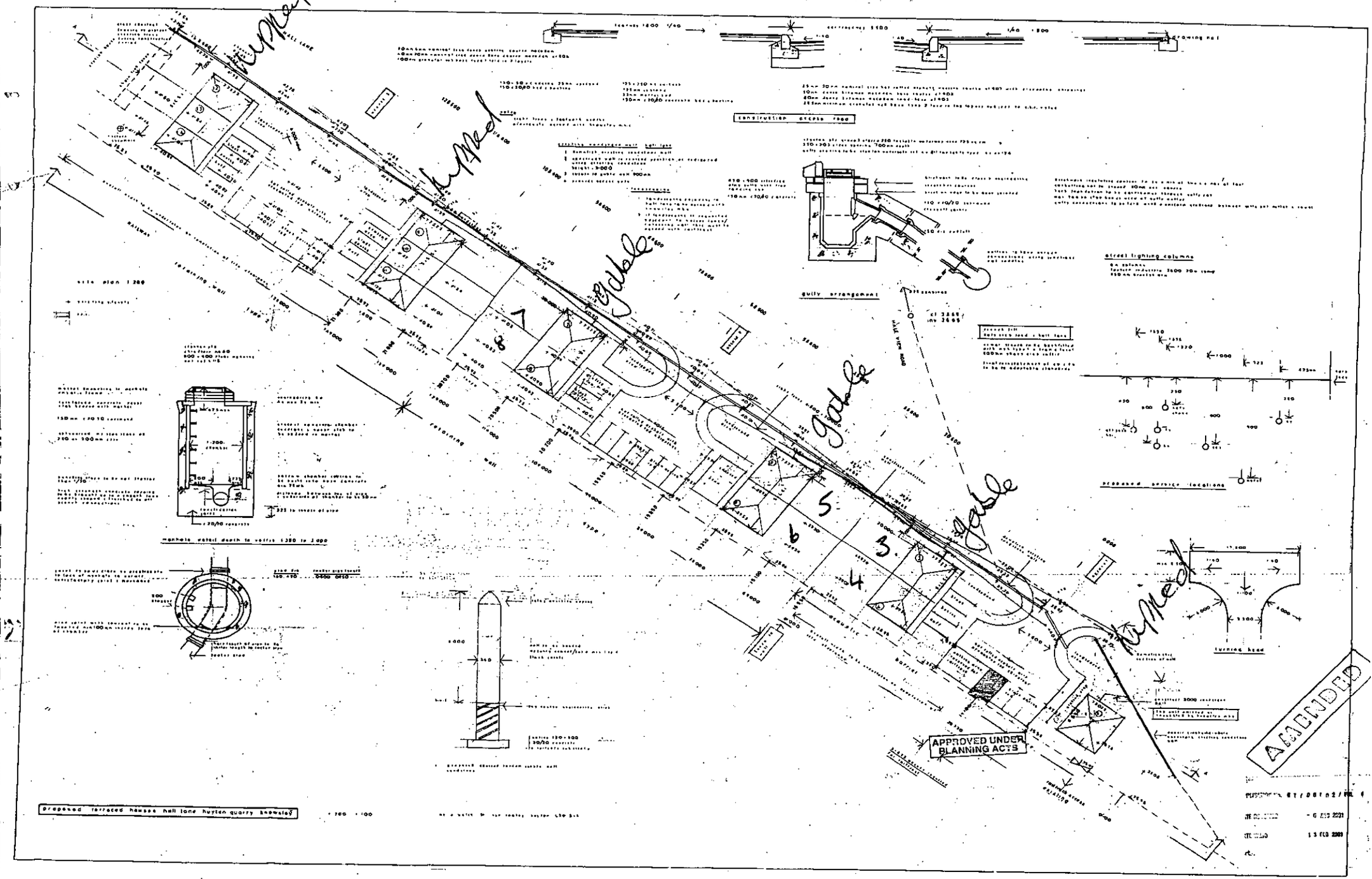
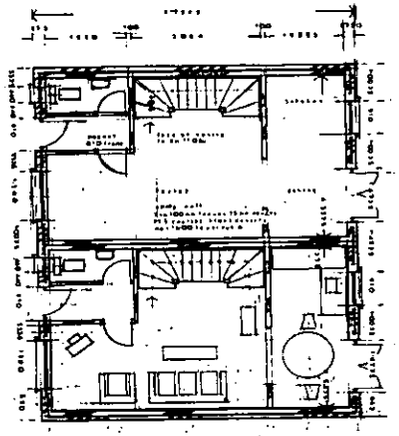
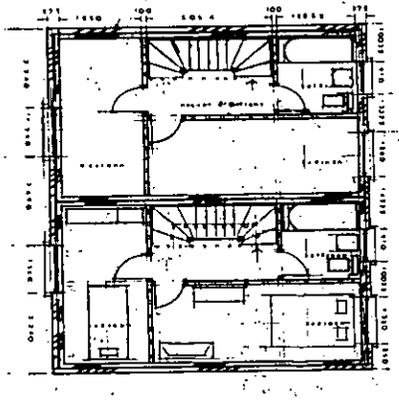


hipped
hipped
gable
gable
gable
hipped
7
8
5
6
3
4
construction access road
gully arrangement
street lighting columns
proposed service locations
turning head
manhole detail depth to soffit 1:250 to 1:200
retaining wall
acoustic barrier
APPROVED UNDER BLANNING ACTS
AMENDED
proposed terraced houses hall lane huyton quarry knowsley

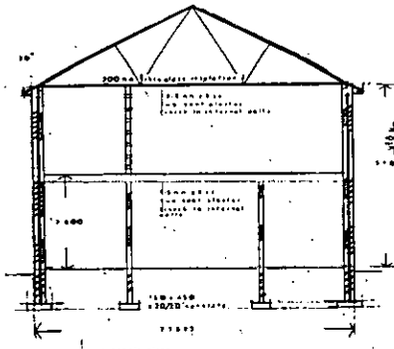
ORIGINAL PLANS. LOPIED MOK CD.



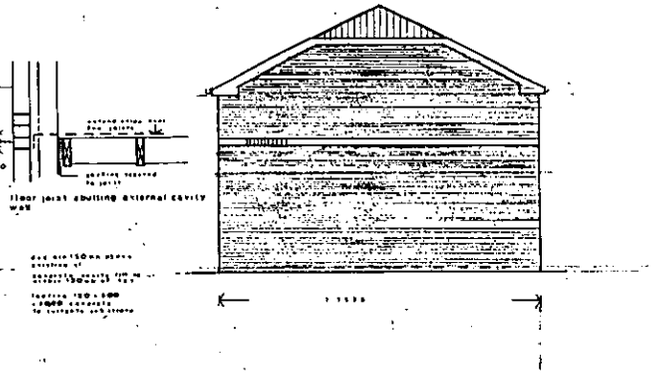
ground floor



first floor
units 1 and 2

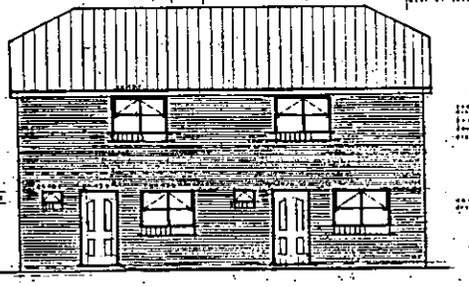


section a-a

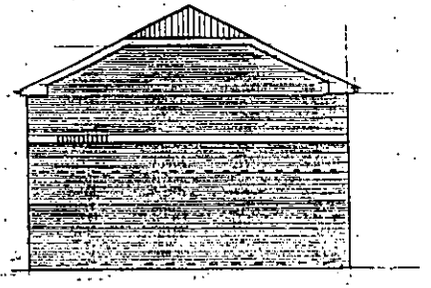


floor joist abutting external cavity wall

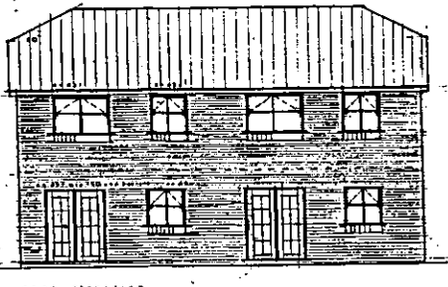
side elevation



front elevation



side elevation



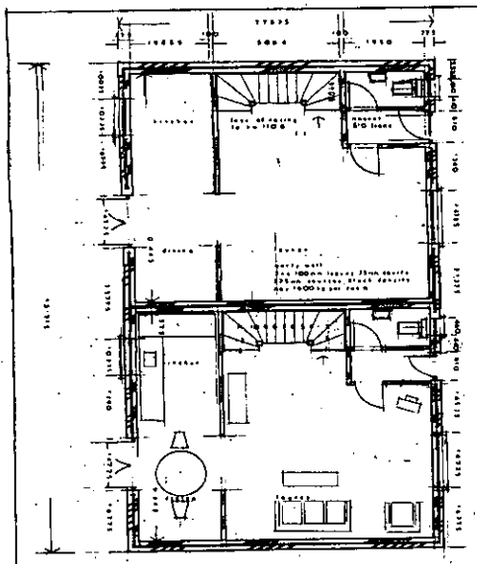
rear elevation

APPROVED UNDER PLANNING ACTS

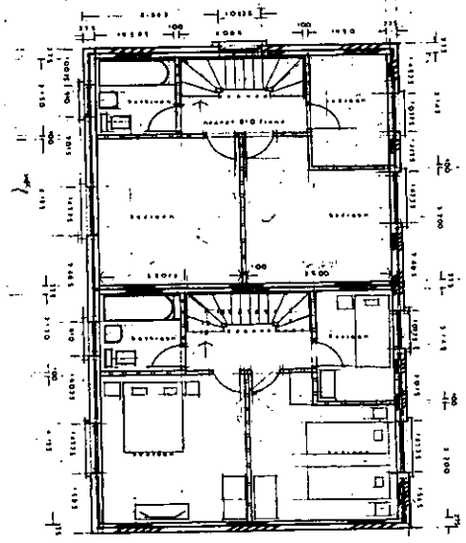
APPLICATION No. 01/00187/FUL
DATE RECEIVED 8 FEB 2001
DATE VALID 13 FEB 2001

proposed terraced houses hall lane huyton quarry knowsley

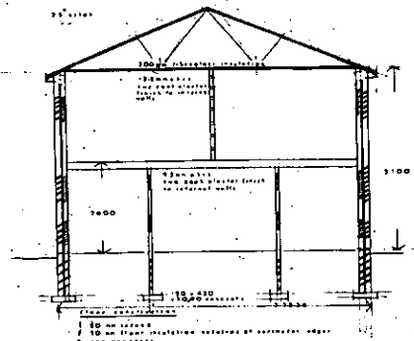
drawing no 3



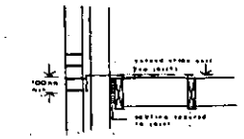
ground floor



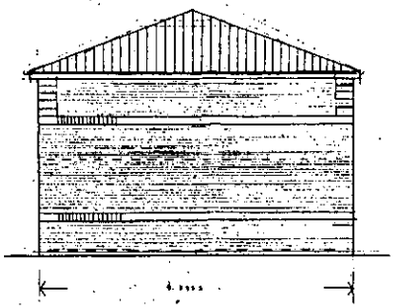
first floor
units 2 4 5 6 7 and 8



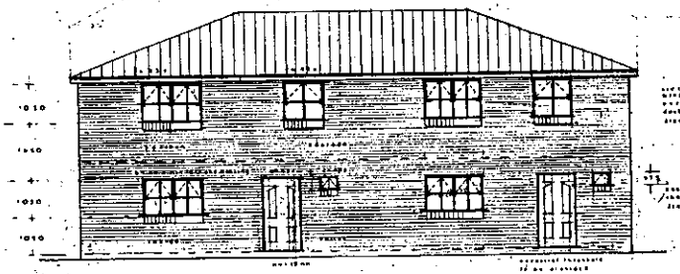
section A A



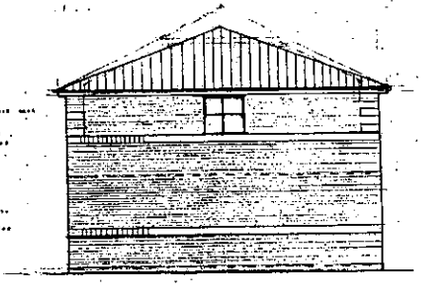
floor joist abutting external cavity wall



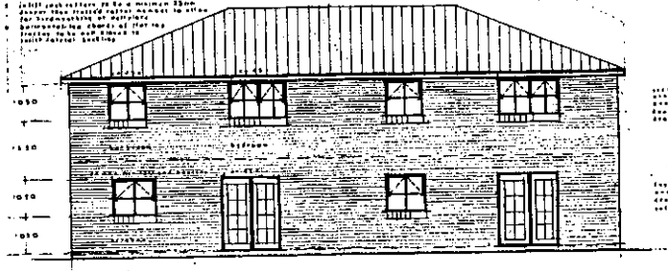
side elevation



front elevation



side elevation

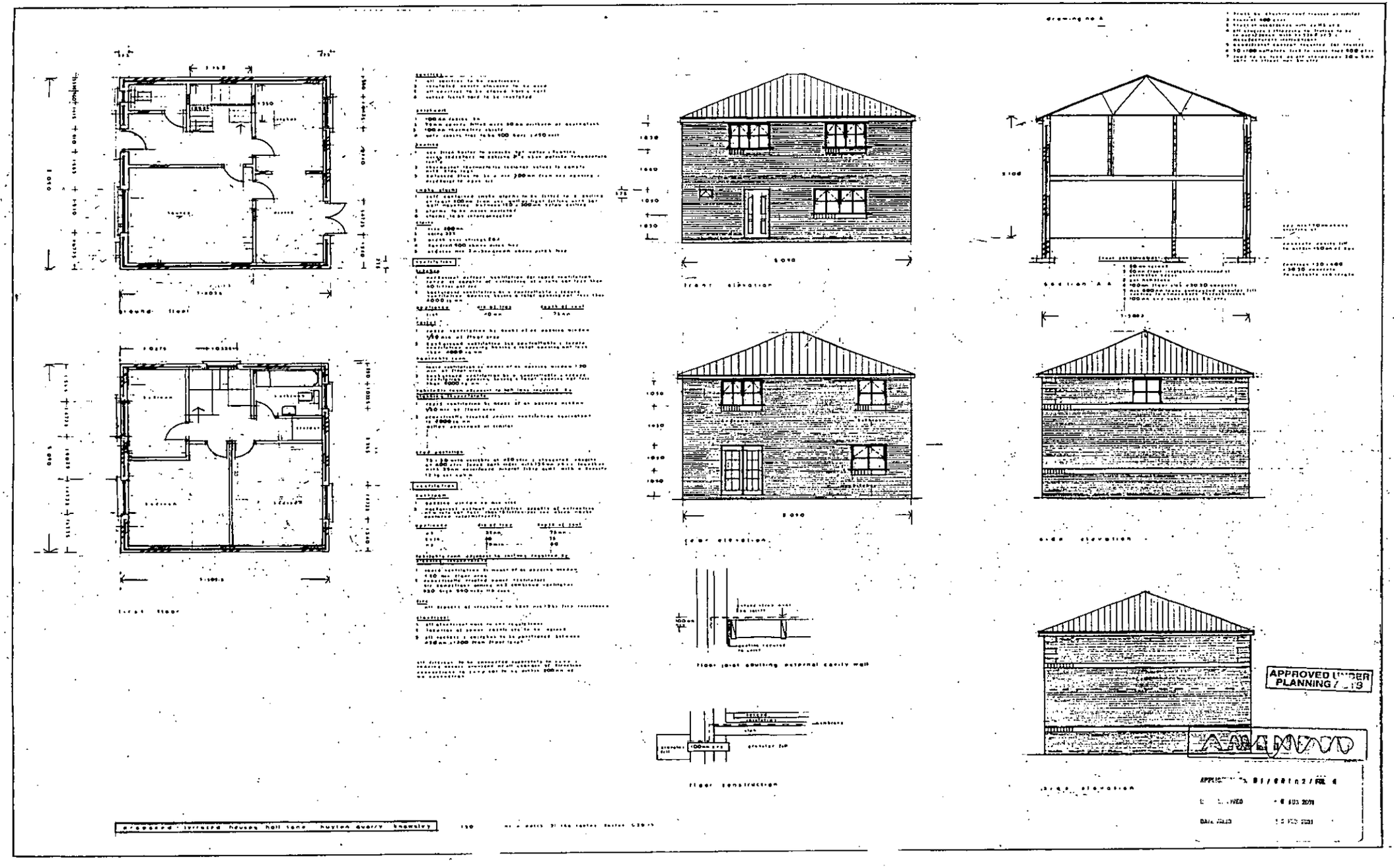


rear elevation

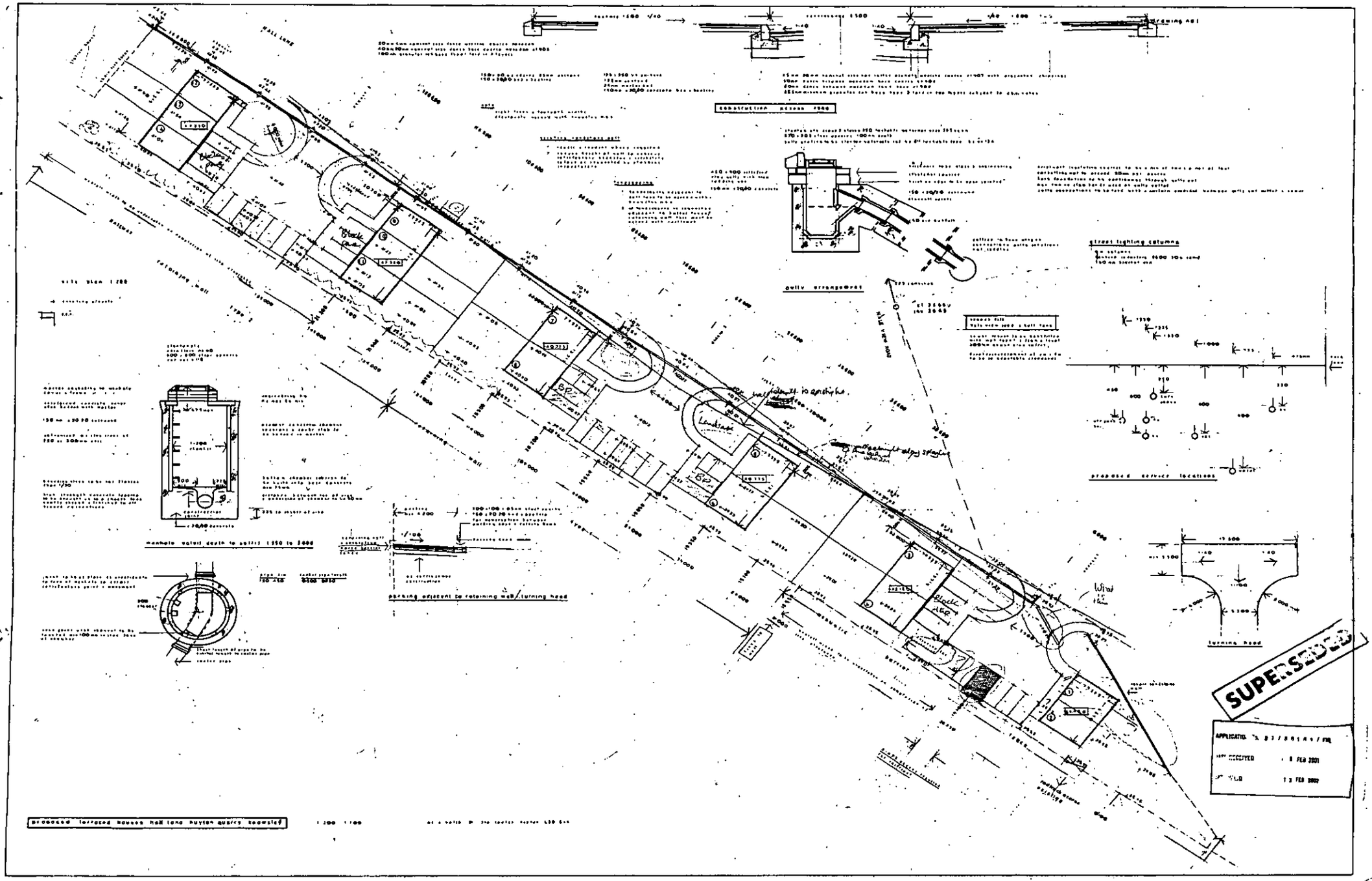
APPROVED UNDER PLANNING ACTS

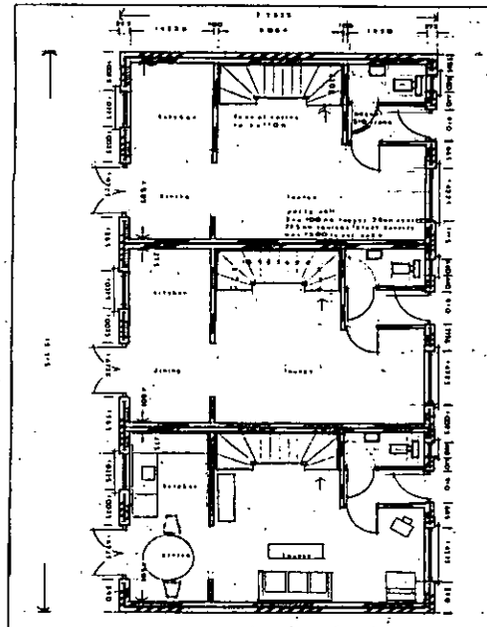
AMENDED

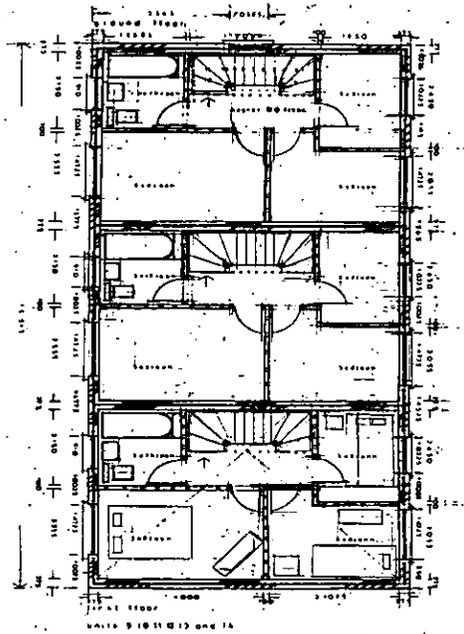
proposed terraced houses hallfane huyton quarry knowsley

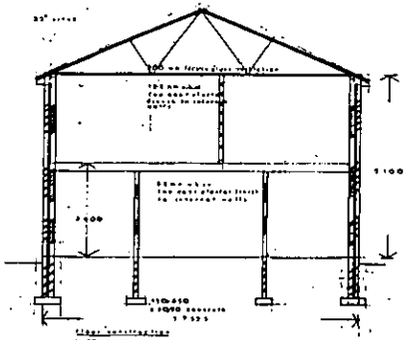


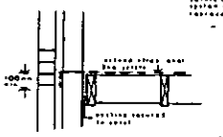
ground floor
first floor
front elevation
rear elevation
floor joist abutting external cavity wall
floor construction
section A A
side elevation
APPROVED UNDER PLANNING

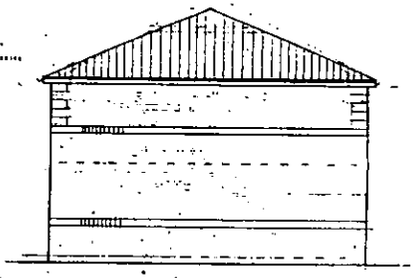

SUPERSEDED

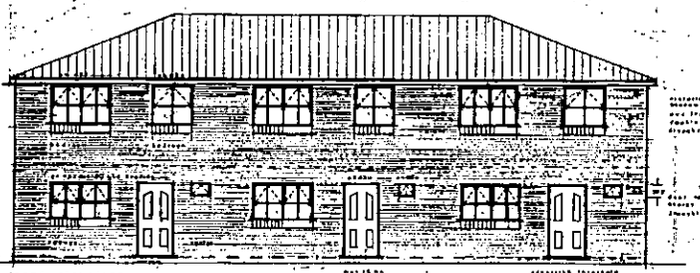


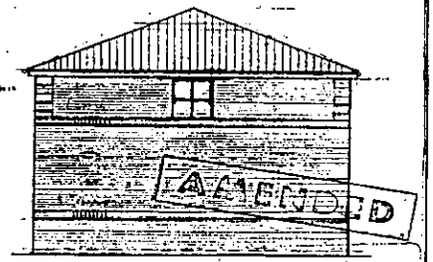














AMENDED

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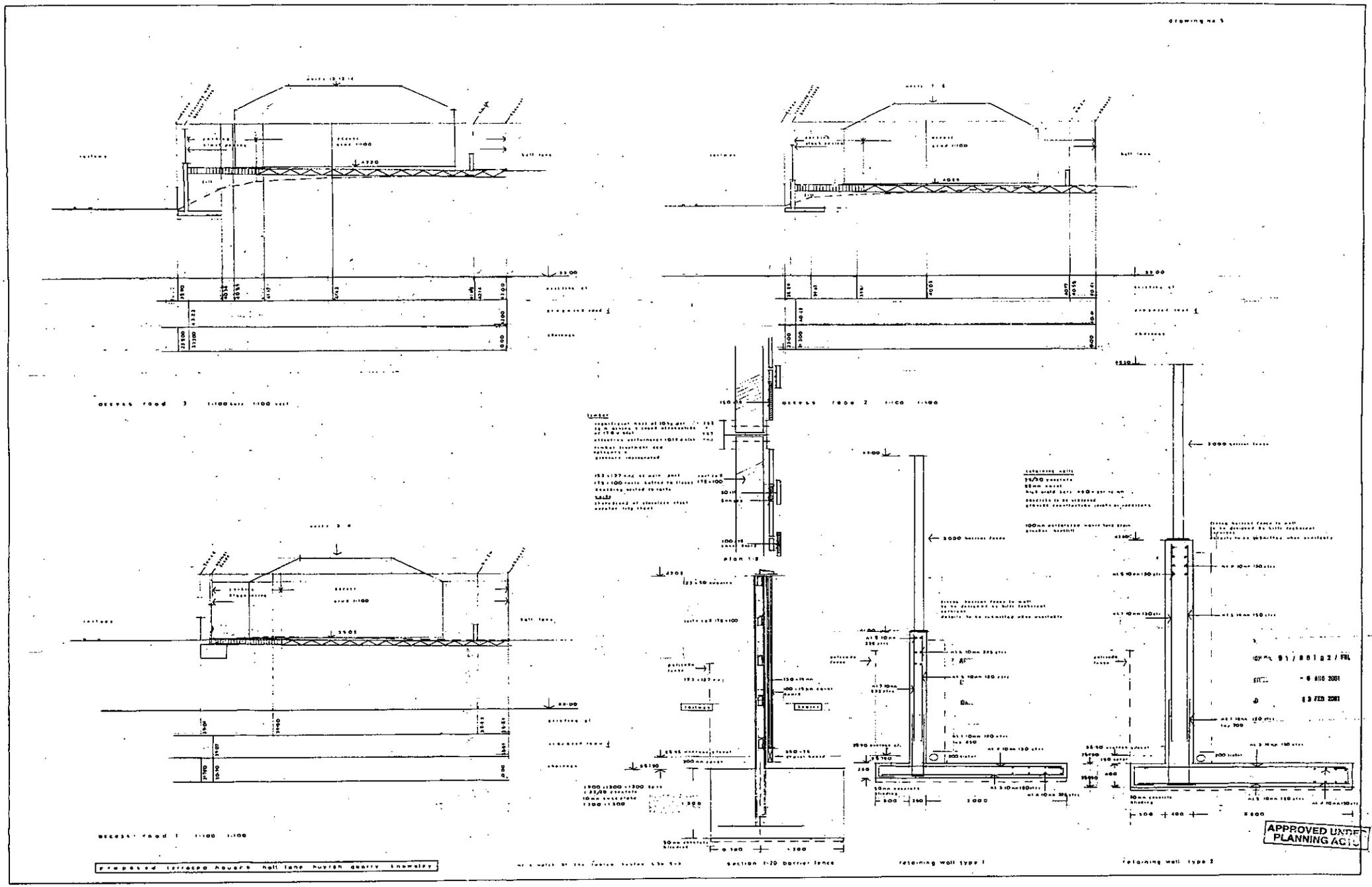
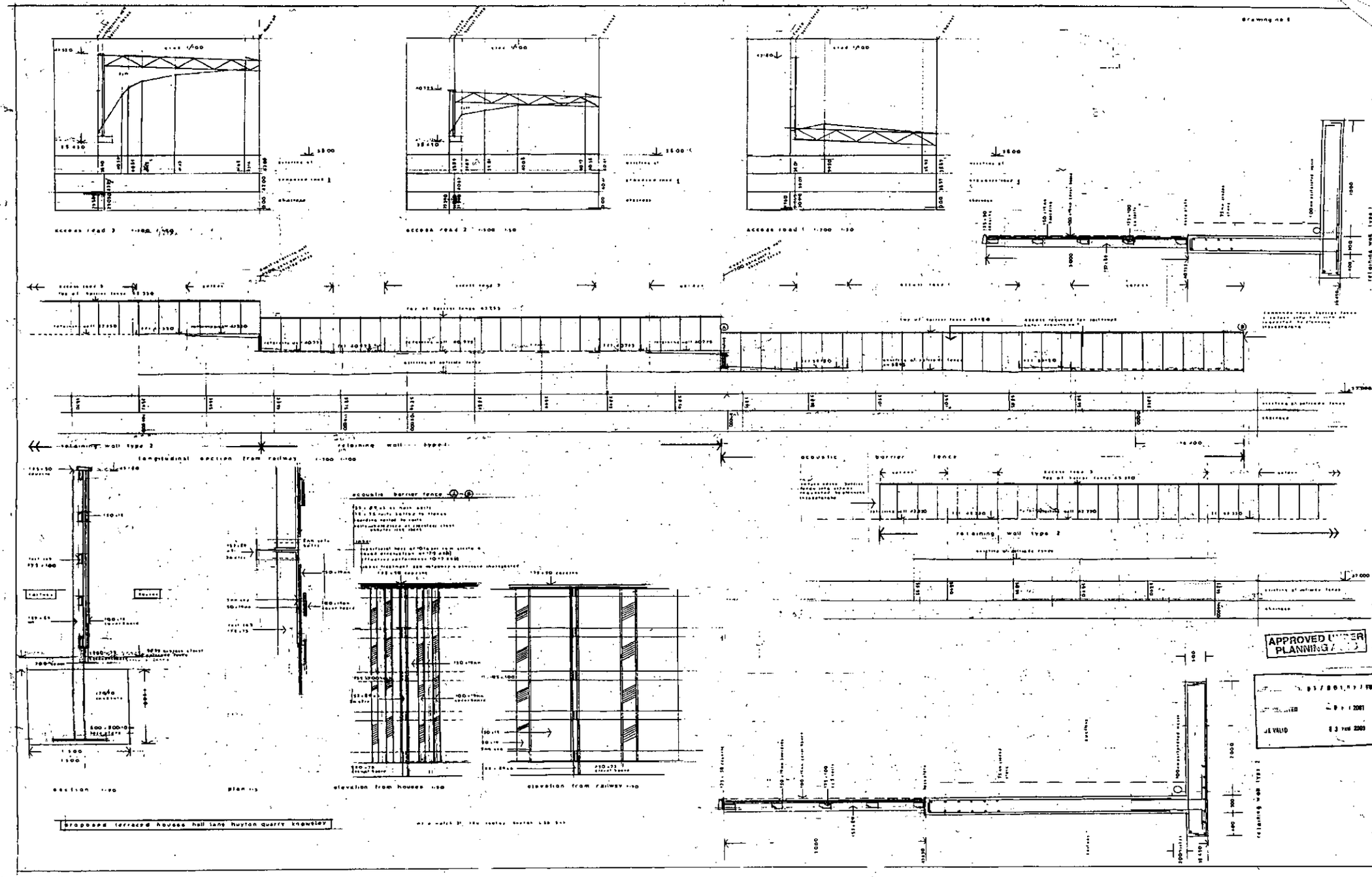
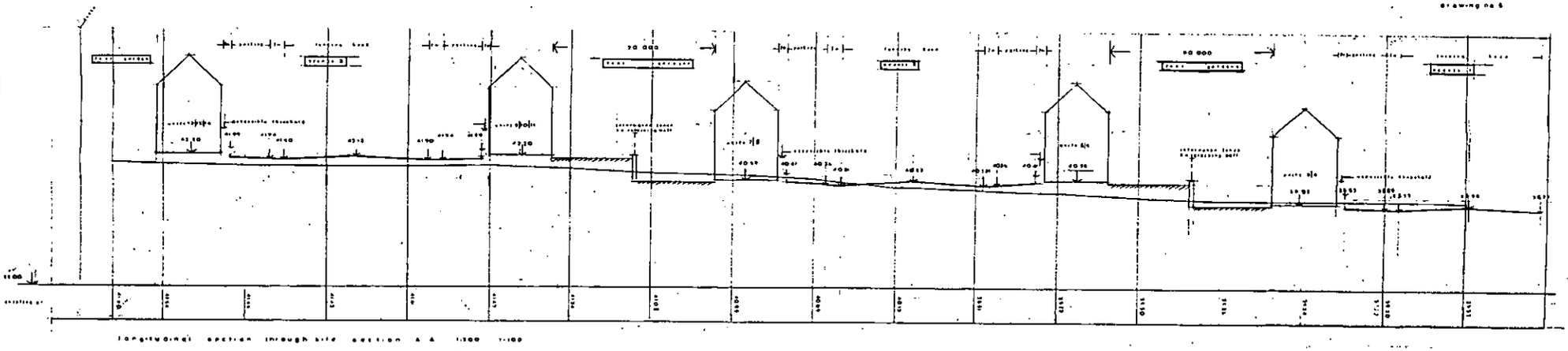
AMENDED


drawing no 5
access road 3 1:100 sect 1:100 vert
access road 2 1:100 1:100
access road 1 1:100 1:100
plan 1:8
section 1:20 barrier fence
retaining wall type 1
retaining wall type 2
proposed terraced houses hall lane huyton quarry knowsley
APPROVED UNDER PLANNING ACTS

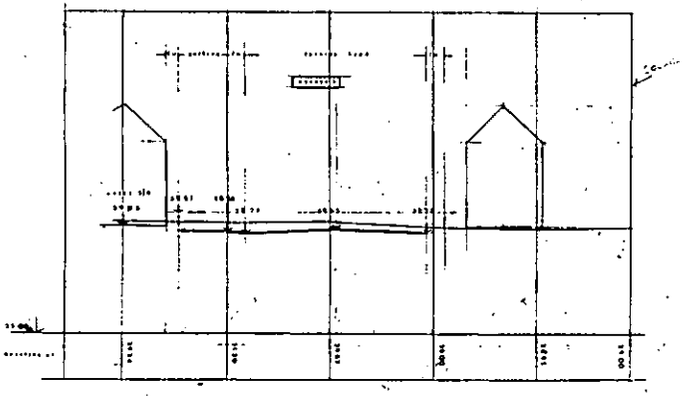


proposed terraced houses hall lane huyton quarry knowsley

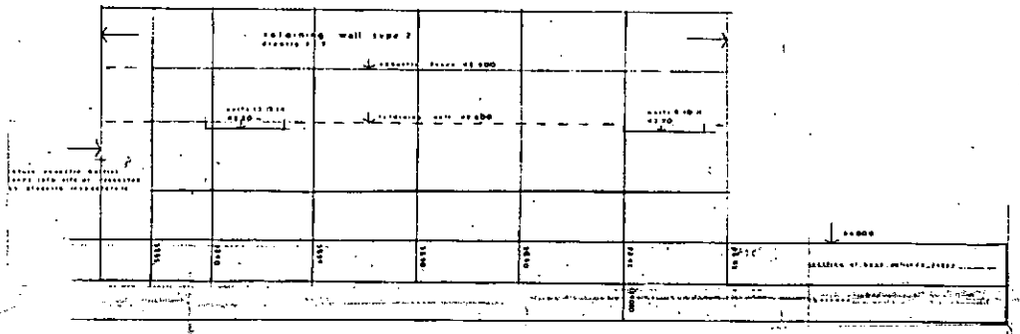
drawing no 5



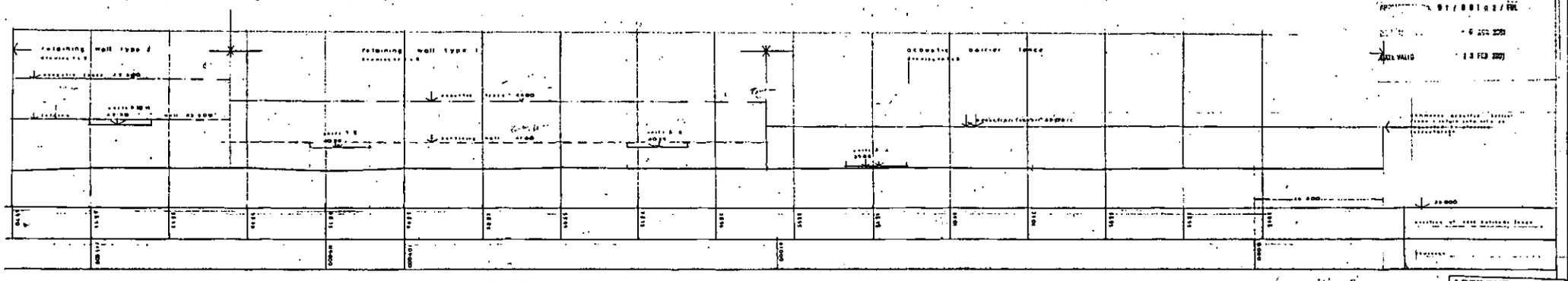
longitudinal section through site section A A 1:500 1:100



longitudinal section through site section A A 1:200 1:100



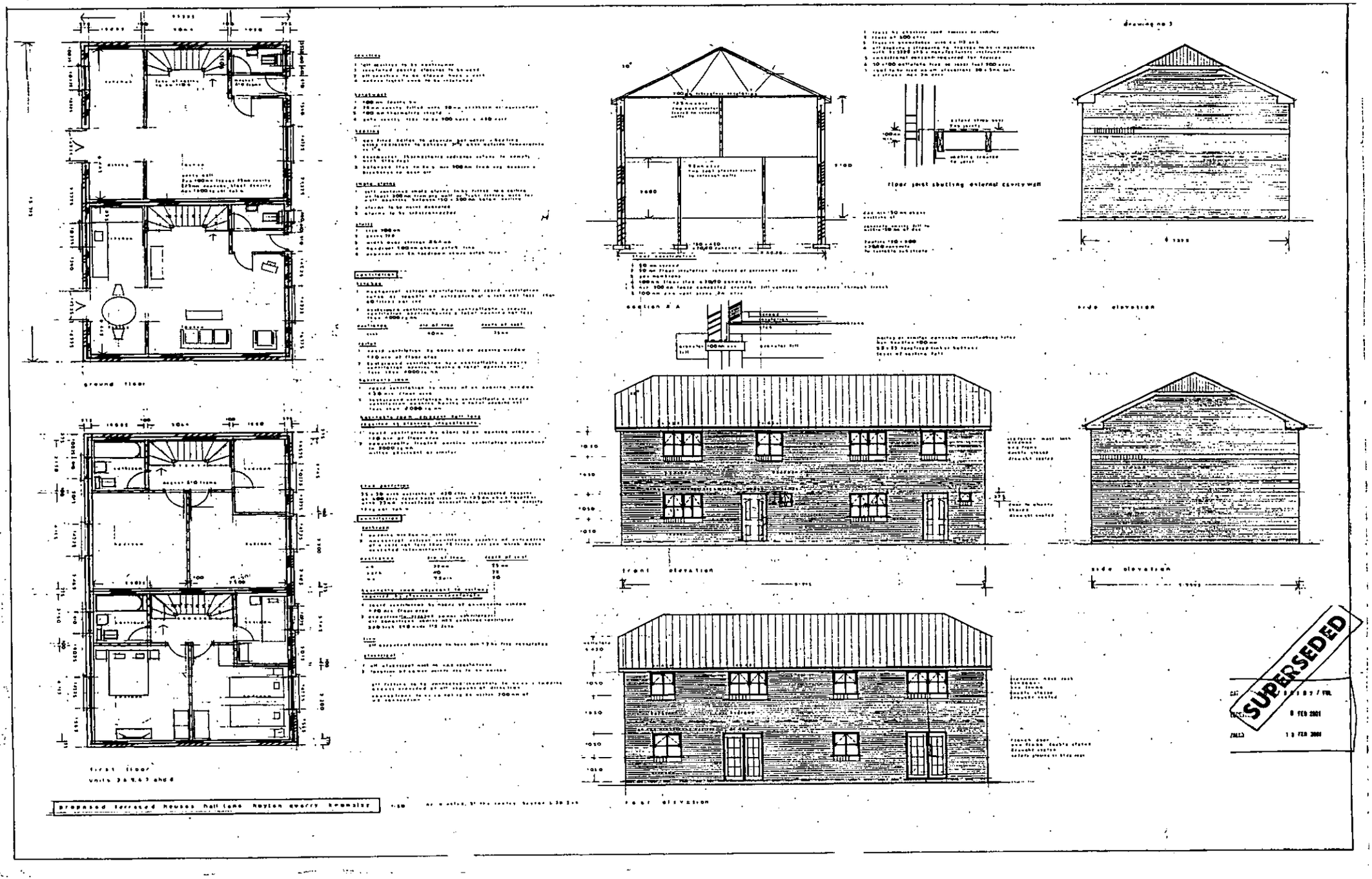
longitudinal elevation from railway indicating retaining wall etc 1:200 1:100

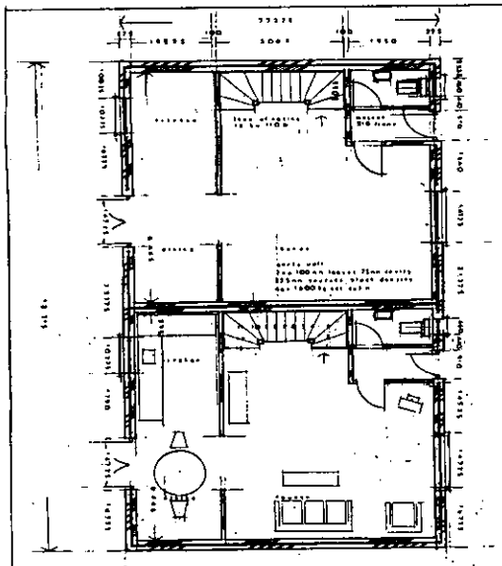


longitudinal elevation from railway indicating retaining wall etc 1:200 1:100

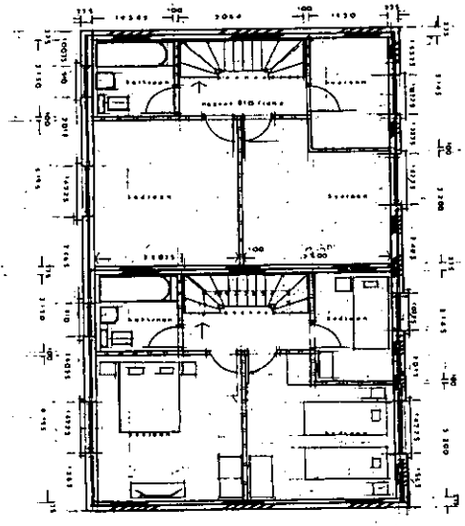
proposed terraced houses hall lane huyton quarry knowsley

APPROVED UNDER PLANNING ACTS


ground floor
first floor
section A A
floor joist abutting external cavity wall
side elevation
front elevation
side elevation
rear elevation
SUPERSEDED
proposed terraced houses hall lane hayton quarry keswick

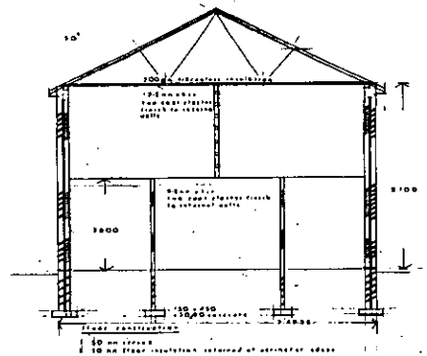


ground floor

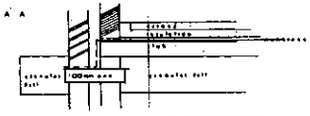


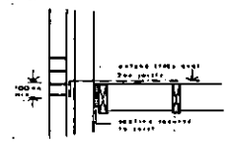
first floor
units 3 & 5, 6, 7 and 8

proposed terrace house hall lane huyton quarry knowsley



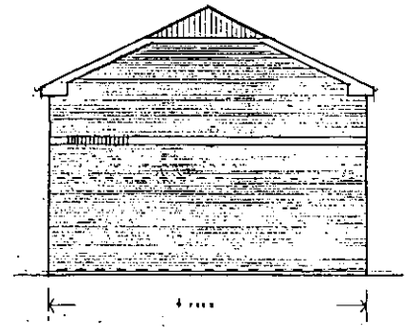
section A A



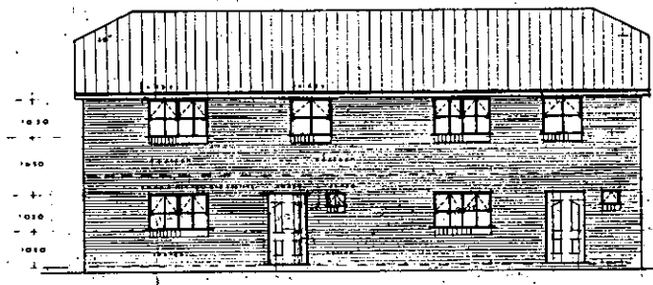


floor joist abutting external cavity wall

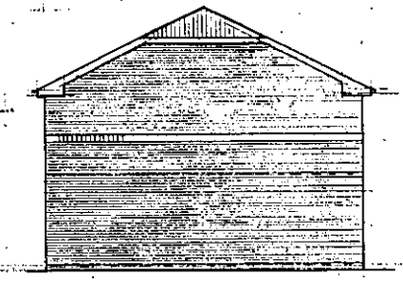
drawing no 2



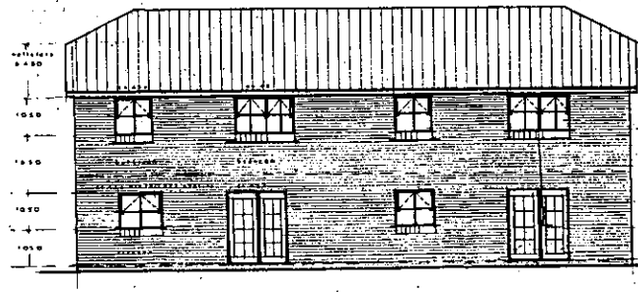
side elevation



front elevation



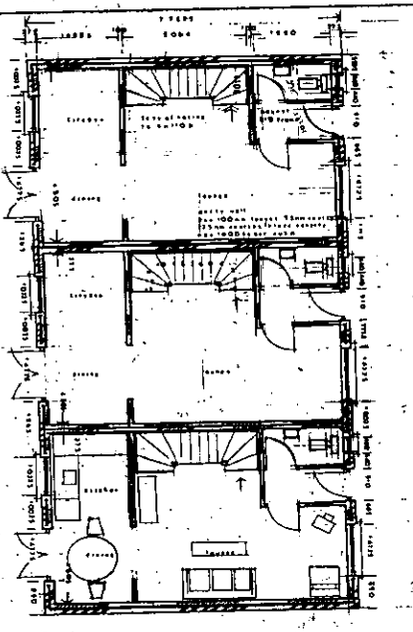
side elevation



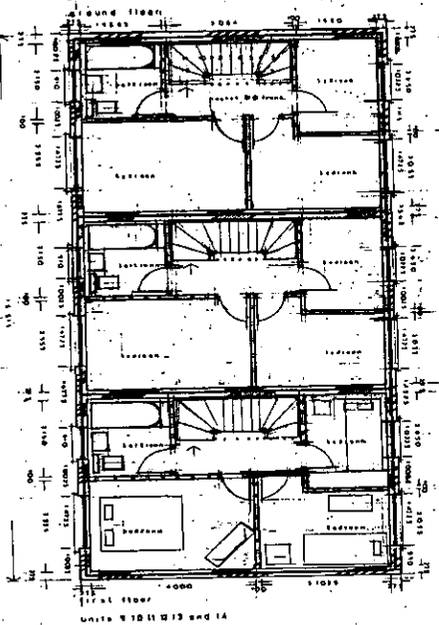
rear elevation

SUPERSEDED

drawing no 2

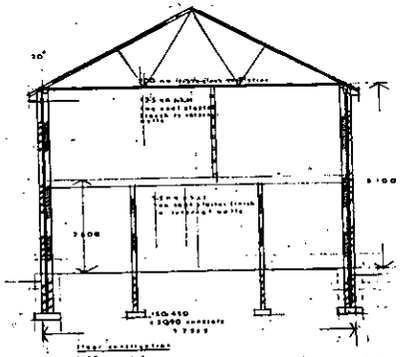


ground floor

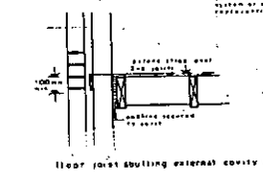


first floor

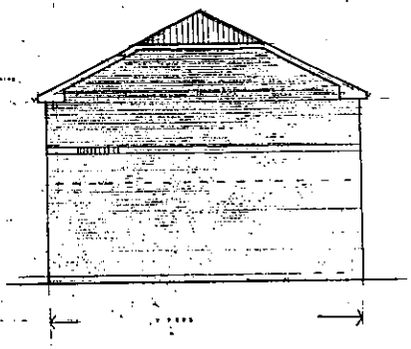
units 9 10 11 12 13 and 14



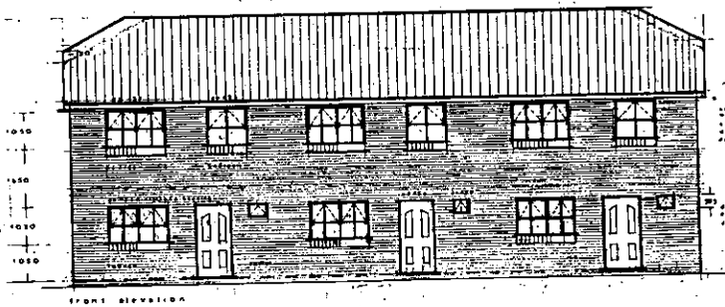
section A A



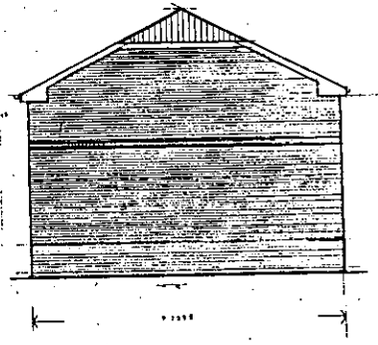
floor joist abutting external cavity wall



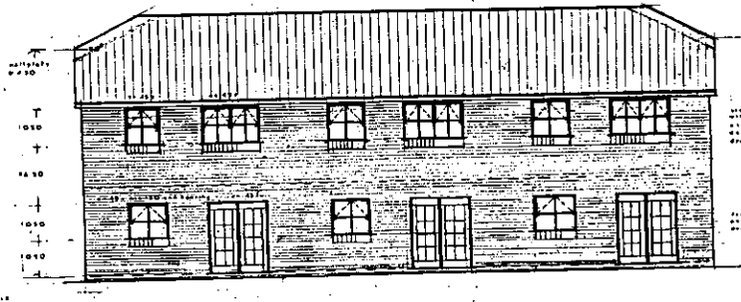
side elevation



front elevation



side elevation



rear elevation

SUPERSEDED

APPLICATION NO 01/00109/FUL

RECEIVED 8 FEB 2001

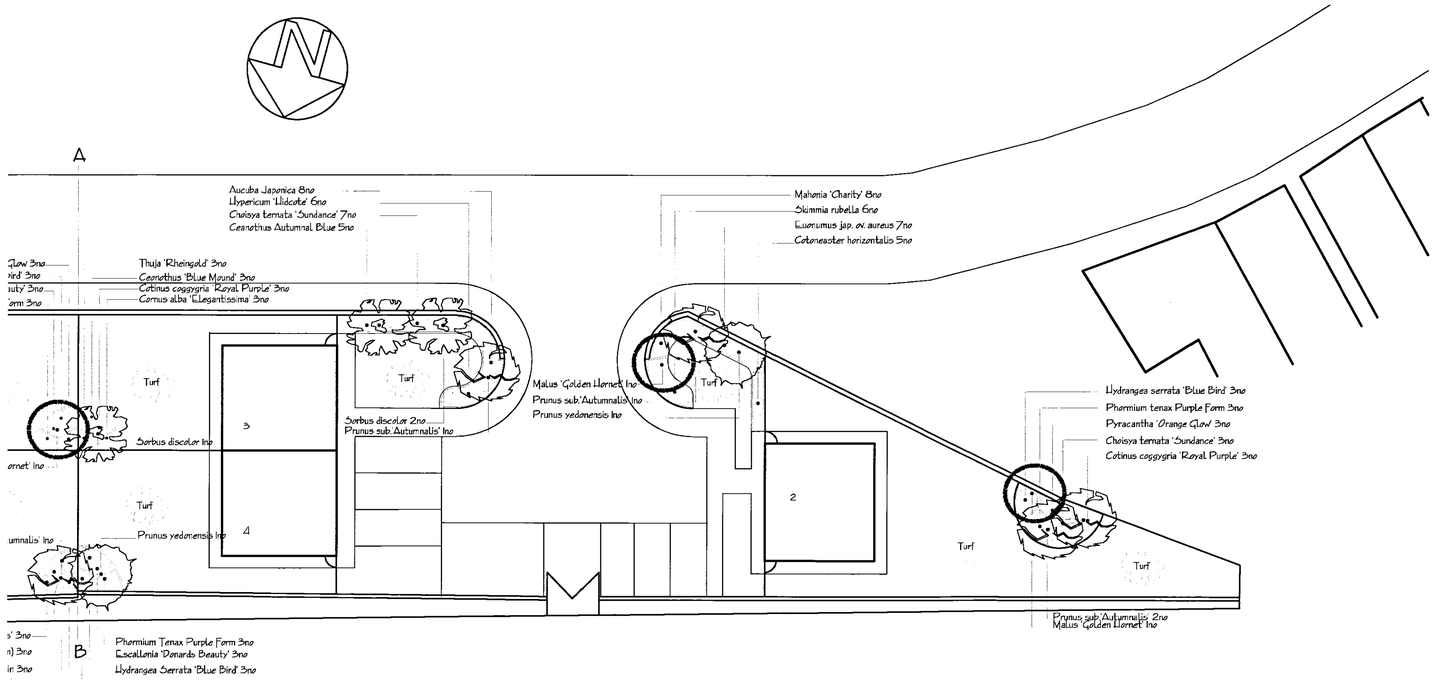
VALID 13 FEB 2001

proposed terraced houses hall lane huyton quarry knowsley

APPROVED UNDER PLANNING ACTS

AMENDED

proposed terraced houses hall lane huyton quarry knowsley



Notes

Prior to tendering Landscape Contractors should familiarise themselves with the requirements of of the following British Standards and ensure that the supply of trees, shrubs, turf, and the implementation of landscape works complies with the relevant British Standard

Nursery Stock

All trees and shrubs to be supplied should be of good quality complying with the requirements of BS3936part1. Where stock is containerised they should be watered immediately before planting.

Trees

These will be planted as heavy standards as defined by BS3936 part 11992

Shrubs

Shrubs will be supplied in 3litre containers unless otherwise specified and should comply with BS 3936 part 11992

Landscape Construction

Topsoil

Topsoil should comply with BS 3882. If obtained from soil stacks retained on site any loss of crumb structure lost during storage should be restored by the addition of organic matter. The spreading of topsoil on grass and shrub planted areas and in tree pits should be carried out in accordance with the requirements of BS 4428:1989

Grass Areas

Turf areas should be prepared and turf laid in accordance with BS 4428 1989
Areas to be turfed should be prepared in accordance with BS 4428 1989 and ripped to a depth of 150mm prior to the spreading of topsoil to a depth of 100-150mm. After laying, turf should be irrigated during periods of dry weather.

Shrub Areas

Areas to be planted with shrubs should be prepared in accordance with BS4428:1989 and ripped to a depth of 150mm prior to the spreading of topsoil, to a depth of 400-500mm
Planting should be carried out by skilled operatives complying with the requirements of BS 4428 19
After planting weed growth should be controlled and planting areas irrigated in periods of dry weather all in accordance with the recommendations of BS 4428 1989

Tree Planting

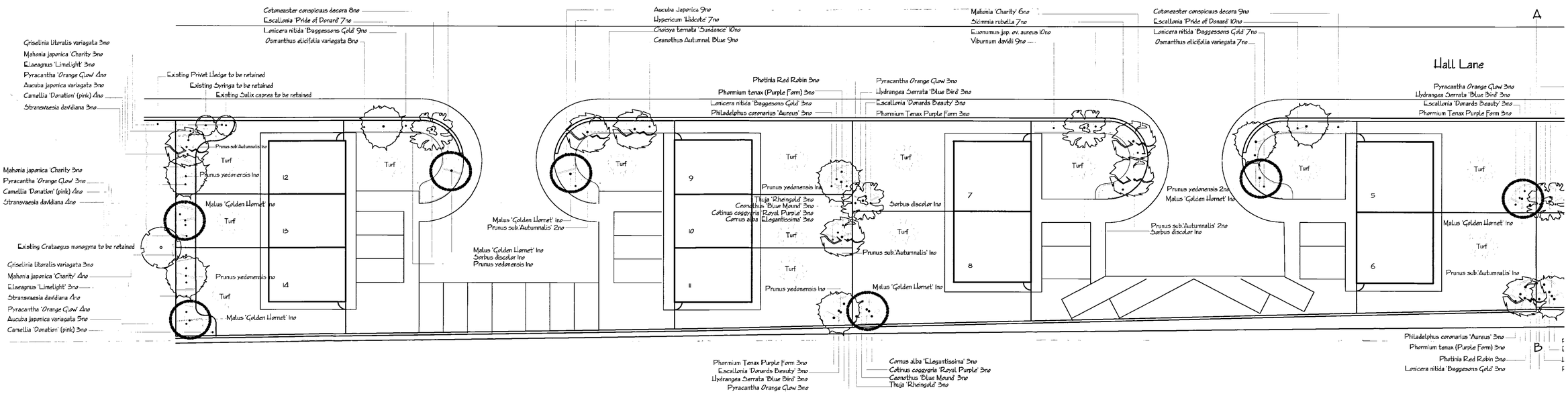
Tree planting pits should be excavated and standard trees planted with a single stake and tie in accordance with BS 4428:1989
New trees should be inspected after periods of frost or high winds and if necessary the soil around the roots refirmed After planting weed growth around trees should be controlled and planting areas irrigated in periods of dry weather all in accordance with the recommendations of BS 4428 1989

Tree Sizes

Species	Min Height	Girth	No. Branches
Prunus sub'Autumnalis'	3m	12-14cm	5
Prunus yedonensis	3m	12-14cm	5
Malus 'Golden Hornet'	3m	12-14cm	5
Sorbus discolor	3m	12-14cm	5

Shrub Sizes

Species	Min Height	Pot Size	No. Breaks
Aucuba Japonica	30cm	3ltr	3
Camellia Donation	40cm	3ltr	3
Ceanothus Autumnal Blue	30cm	3ltr	3
Choisya ternata 'Sundance'	20cm	3ltr	3
Cotoneaster conspicuus decora	60cm	3ltr	3
Cotoneaster horizontalis	60cm	3ltr	3
Elaeagnus 'Limelight'	40cm	3ltr	3
Euonumus jap. ev. aureus	30cm	3ltr	3
Escallonia 'Donards Beauty'	30cm	3ltr	3
Escallonia 'Pride of Donard'	30cm	3ltr	3
Griselinia litoralis variegata	30cm	3ltr	3
Hypericum 'Hidcote'	30cm	3ltr	3
Hydrangea Serrata 'Blue Bird'	25cm	3ltr	3
Lonicera nitida 'Baggessons Gold'	30cm	3ltr	3
Mahonia 'Charity'	25cm	3ltr	1
Osmanthus elicifolia variegata	30cm	3ltr	3
Pyracantha Orange Glow'	40cm	3ltr	2
Phormium Tenax Purple Form	40cm	3ltr	3 leaves
Skimmia rubella	20cm	3ltr	3
Stransvaesia davidiana	40cm	3ltr	3
Viburnum davidii	20cm	3ltr	2



Rev	Date	
A	19/5/05	Add existing planting to be retained Add details of turf areas and sizes of trees & shrubs Add details of aftercare to trees shrubs and turf areas

Eric Rafferty Horticulture
17 Doric Avenue Frodsham Cheshire WA6 6QF
Tel 01928 731151

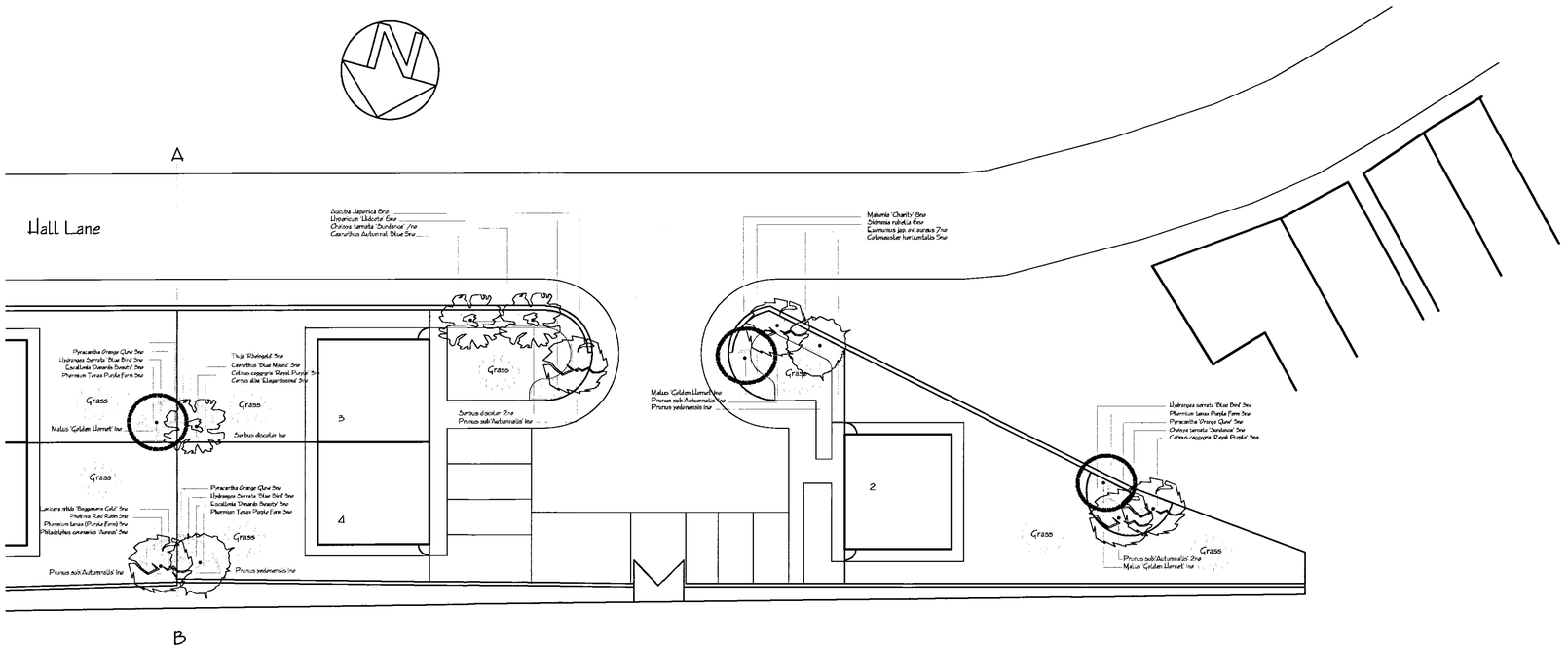
Project: Land Adjacent To 2 Hall Lane Huyton

Dwg Title: Landscape Proposals

Date	Scale	Dwg No	Rev
April 05	1:200	HL/1/1	A

01/00163/FUL
Rec'd 26.11.05

Cond 4



Notes

Nursery Stock

All trees and shrubs to be supplied should be of good quality complying with the requirements of BS3936part1. Where stock is containerised they should be watered immediately before planting.

Trees

These generally will be planted as standards as defined by BS3936 part 11992 however where appropriate instructions will be given as to the girth of individual species to be planted

Shrubs

Shrubs will be supplied in 3litre containers unless otherwise specified and shouls comply with BS 3936 part 1 1992

Topsoil

Topsoil should comply with BS 3882. If obtained from soil stacks retained on site, any loss of crumb structure lost during storage should be restored by the addition of organic matter. The spreading of topsoil on grass and shrub planted areas and in tree pits should be carried out in accordance with the requirements of BS 4428:1989

Grass Areas

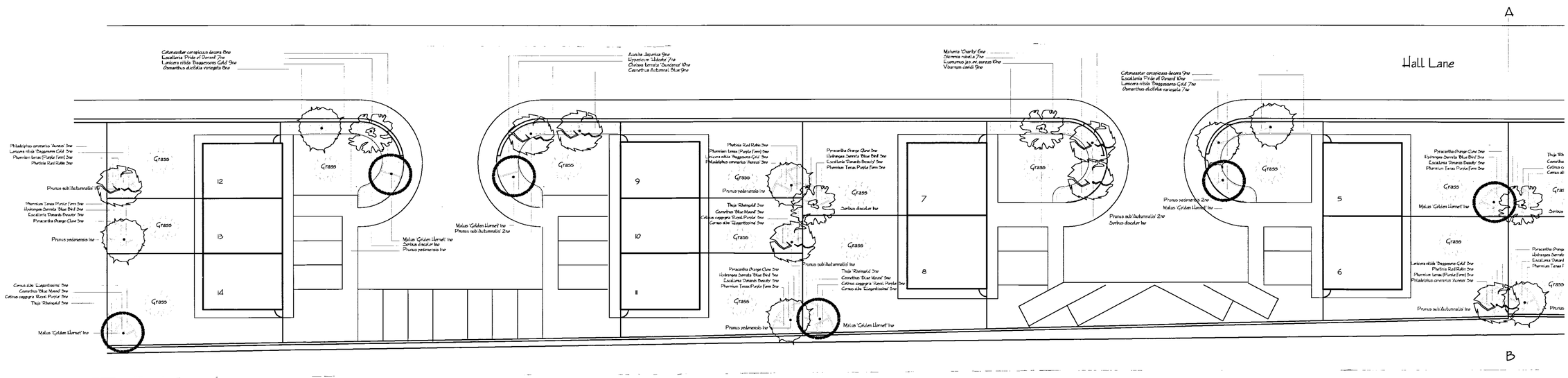
Areas to be seeded or turfed should be prepared in accordance with BS 4428 1989 and ripped to a depth of 150mm prior to the spreading of topsoil to a depth of 100-150mm

Shrub Areas

Areas to be planted with shrubs should be prepared in accordance with BS4428:1989 and ripped to a depth of 150mm prior to the spreading of topsoil to a depth of 400-500mm

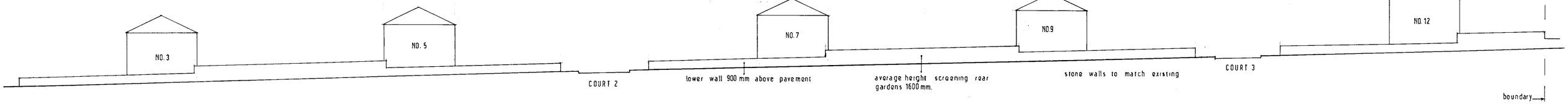
Tree Planting

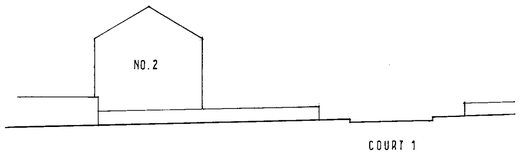
Tree planting pits should be excavated and standard trees planted with a single stake and tie in accordance with BS 4428:1989

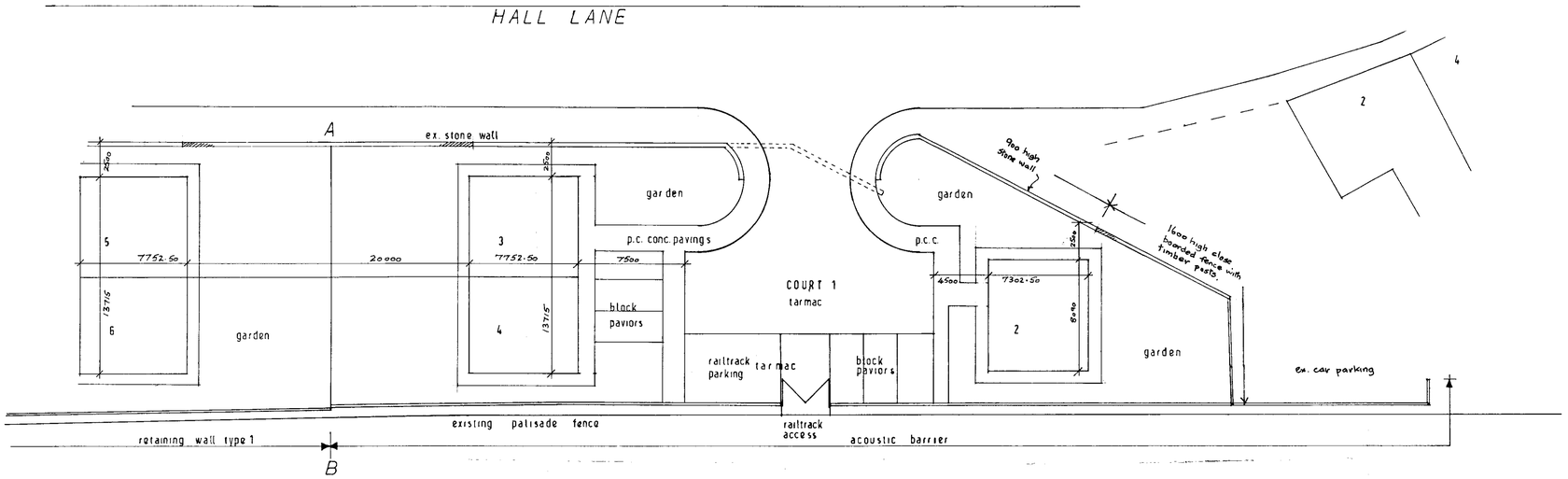


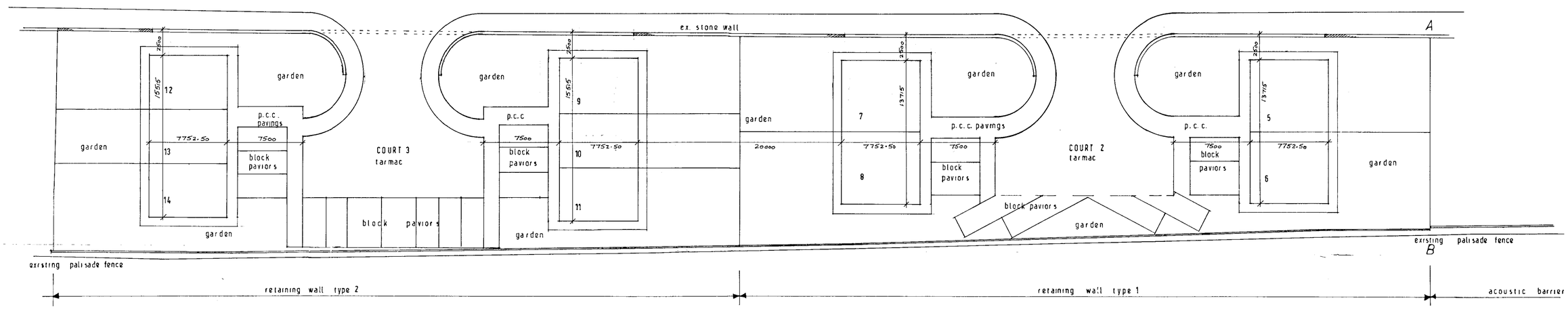
Eric Rafferty Horticulture	
17 Doric Avenue Frodsham Cheshire WA6 6QF	
Tel 01928 731151	
Project	Land Adjacent To 2 Hall lane Huyton
Dwg Title	Landscape Proposals
Date: April 05	Scale: 1:200
Dwg No: HL/1/1	Rev

01/00102/FUL
Recd 3.4.06
Cond 9.









Rev.	Date.	
A	7.05	setting out dims. added
B	02.06	elev. of bdy wall added
C	03.06	boundary treatment rear of plot 2 revised

K. & J. WOODWARD Ltd.
Chartered Architects.
1st Floor, No.4, Rose Lane, Mossley Hill, Liverpool. L18 5ED.
Tel. 0151-724 1790. Fax. 0151-724 6458.

Project: Land adjacent to 2 HALL LANE HUYTON

Drg. title. Site layout - landscaping

Date.	Scale.	Drg. No.	Rev.
12.04	1:200	4381.3	A B C.

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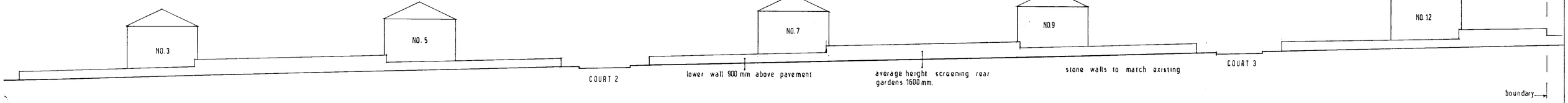
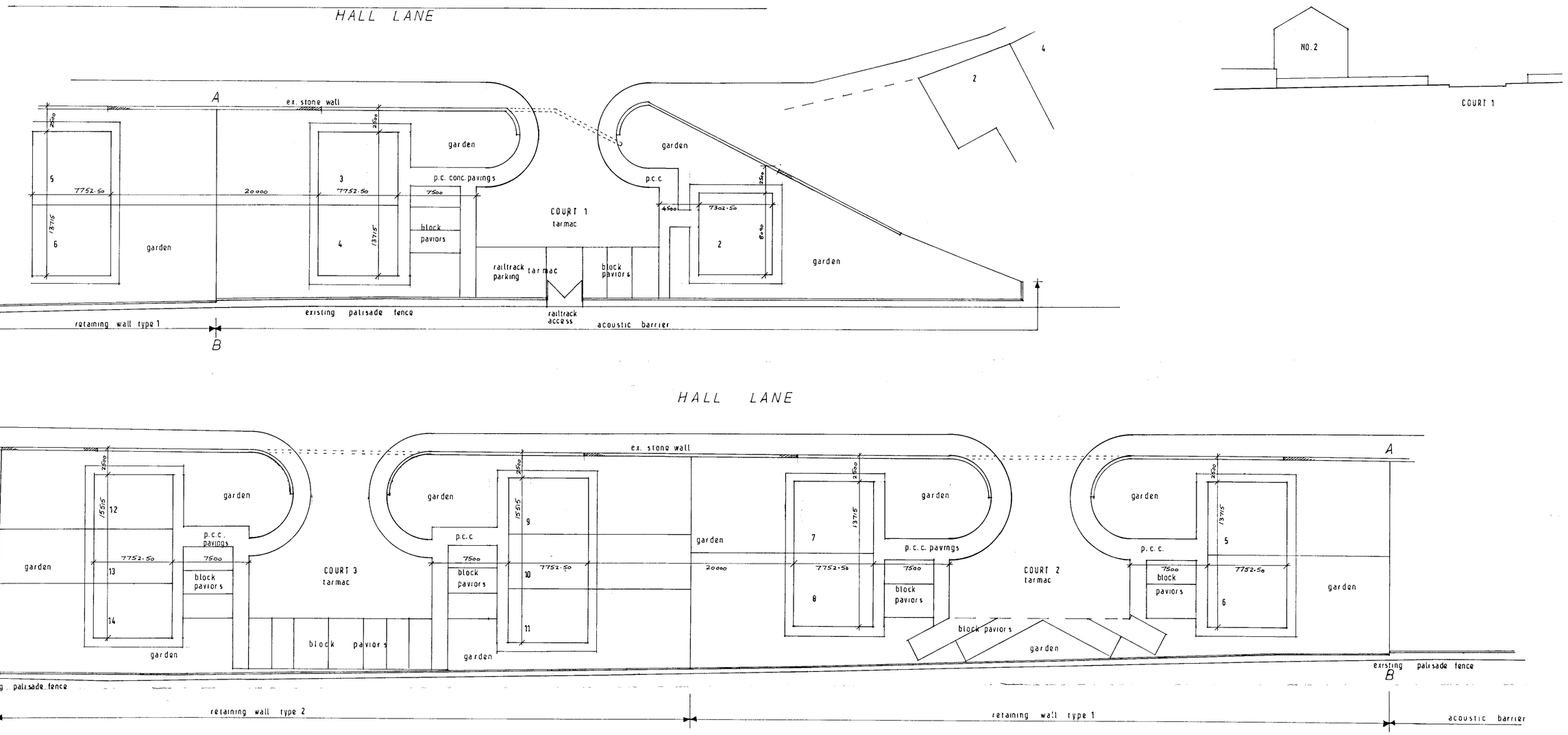
01/00102/FUL
Rec'd 24.2.06
Cond 9.





Rev.	Date.	
A	7-05	setting out dims. added
B	02-06	elev. of bdy wall added

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Project: Land adjacent to 2 HALL LANE HUYTON

Drg. title. Site layout - landscaping

Date. 12-04 | Scale. 1:200 | Drg. No. 4381.3 | Rev. B

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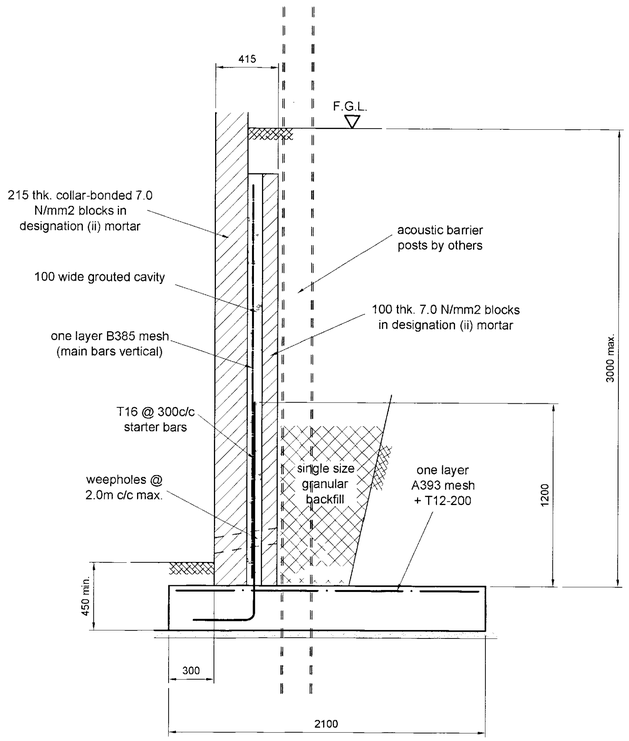
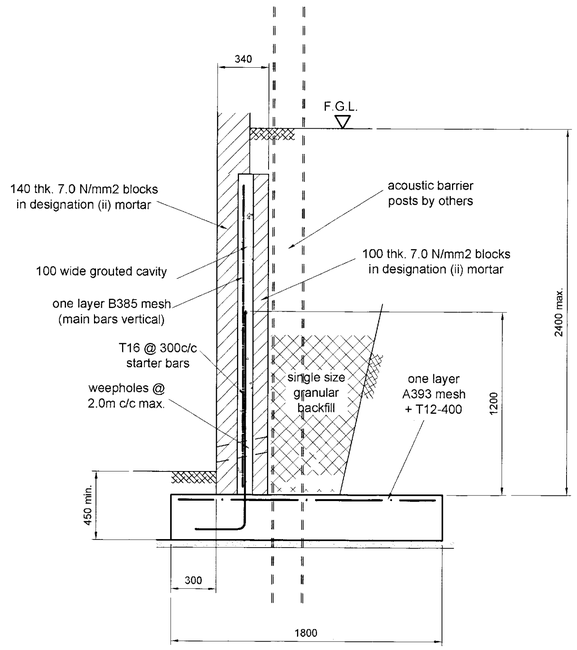
01/00102/FUL
Rec'd 31.3.06
Card 12

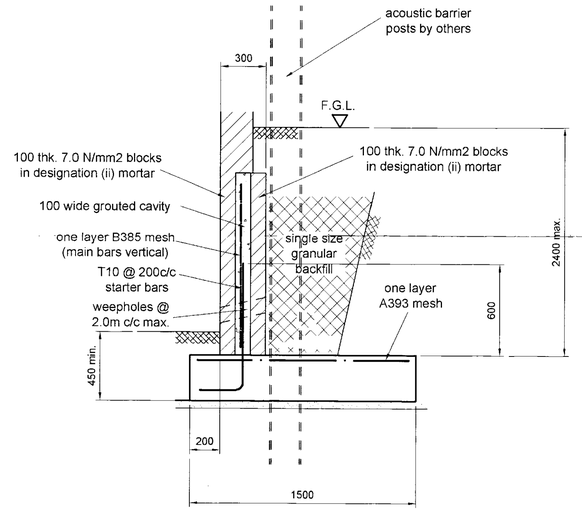


retaining wall construction
(up to 3.0m high)



retaining wall construction
(up to 2.4m high)

Designer's risk assessment			
Activity	Hazard	Risk	Control
Groundworks	Work within contaminated fill materials	To groundworkers and site operatives from contact or inhalation	Protective equipment to be used by all affected personnel. Contractor to provide method statement.
	Use of excavating machinery	To groundworkers, being struck by machinery	Contractor to provide method statement.
	Stability of excavations	To groundworkers, from collapse of excavation	Sides of excavations to be battered to a safe angle or adequate shoring to be provided.
	Falling materials and loose rocks	To groundworkers, being struck by falling and loose materials	Materials to be properly stacked, well clear of excavations. Loose rocks and stones to be identified, secured or removed prior to work within the excavations.
	People falling into excavations	To groundworkers, falling into excavations	Adequate barriers to be provided as necessary.
	Use of front-end tipping or other vehicles in the vicinity of the excavations	To groundworkers/ drivers, from vehicles falling into excavations	Contractor to provide method statement.
The above assessment is not definitive; further hazards may become evident during construction of the works. These will then have to be addressed, and appropriate measures planned and submitted to the Planning Supervisor by the Principal Contractor.			



retaining wall construction
(up to 1.5m high)

General notes

This drawing is to be read in conjunction with all relevant architect's drawings.

Protective clothing is to be worn by all site operatives working with the quarry fill materials. Furthermore, all other contamination-related recommendations in Peter Cowsill Ltd.'s Ground Investigation Report (0447rep) are to be strictly implemented.

Formation to foundations to be weathered sandstone, with a presumed bearing pressure of 250 kN/m2, to the B.C.O.'s approval.

Reinforced concrete to base to be grade C35 with a minimum cement content of 300 kg/m3, a maximum water/ cement ratio of 0.6, and a maximum aggregate size of 20mm.
Alternatively, use readymix concrete designated RC35.

Concrete cover to reinforcement in base to be 50 mm.

All concrete to be mechanically vibrated.

All blockwork below DPC to be 7.0 N/mm2 blocks in designation (ii) mortar.

All brickwork below DPC to be class FL in designation (ii) mortar.

Collar jointed block walls to basement retaining walls to consist of 2no. leaves of 100mm thick 7.0N/mm2 block, in designation (ii) mortar, tied together with 20x3 flat wall ties at 450c/c vertically and horizontally, or equivalent proprietary mesh; the vertical collar joint between the two leaves is to be solidly filled with mortar as the work proceeds.

Both leaves of retaining wall to be tied together using vertical twist ties 225 lg. @ 450 c/c vert. & 900 c/c horiz. - staggered.

Retaining wall cavity to be completely and densely mortared up as work proceeds.

Alternatively, cavity to be filled with C35 concrete, in accordance with BS5628:Pt2:1985 - clause 39.2.2- grouted cavity walls - low-lift method, namely:
-concrete to be placed as part of the process of laying the masonry units,
-maximum lift to be 450mm, with any excess mortar in the cavity removed,
-infill concrete to be placed to within 50mm of the top of the last course laid and compacted, taking care not to displace the masonry units,
-appropriate measures are to be taken to prevent the formation of air pockets within the grout.

For insulation, DPM/ DPC and gas protection details, refer to architect's drawings.

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Chartered Structural Engineer
26 Sandown Lane, Liverpool L15 8HY.
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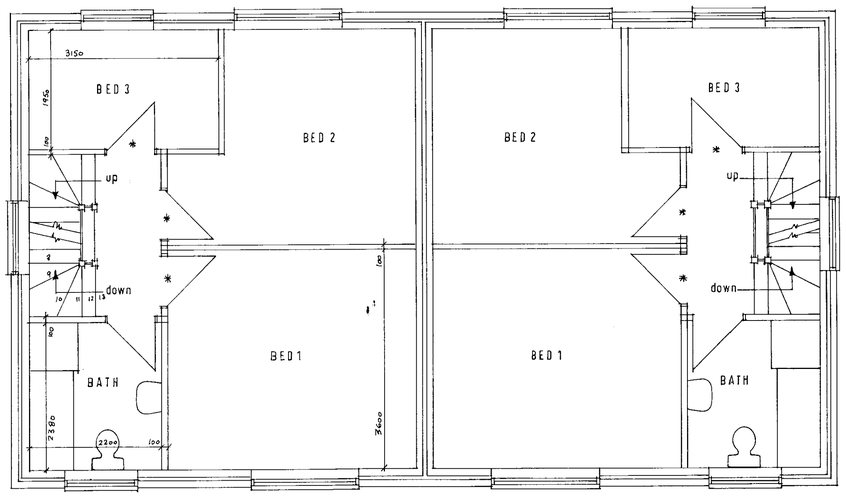
Proposed development, Hall Lane, Huyton Quarry, Knowsley, Merseyside.

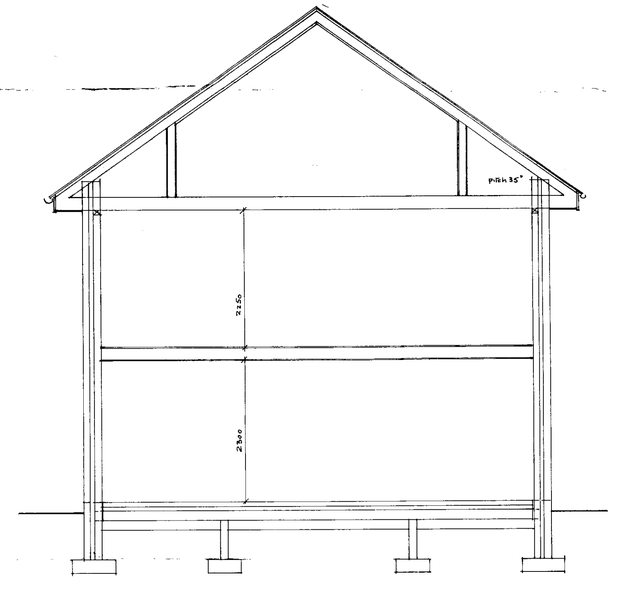
Boundary retaining wall details.

drawn by	date	scale	drawing no.	rev.
eks	Mar.'06	1:50;20 (A1)	05085/02	



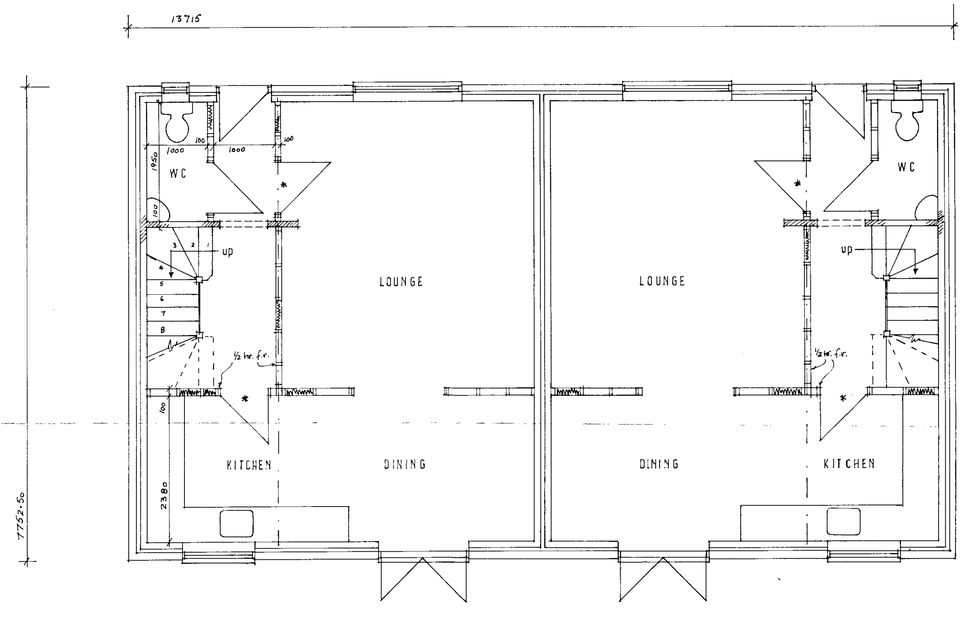


FIRST



SECOND

section



GROUND

App. 01/00102/FUL
Recd 13.12.2005.

NOTE

* ALL DOORS 1/2 hour f.r. self closing

Rev.	Date.	
A	12·05	- brick details added - 2nd Fl. plan removed.

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Chartered Architects.
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Tel. 0151-724 1790. Fax. 0151-724 6458.

Project: Residential development
HALL LANE
HUYTON QUARRY
HUYTON

Drg. title. house plots 3-8 incl.

Date.	Scale.	Drg. No.	Rev.
8·05	1·50 1:100	4381-6	A

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