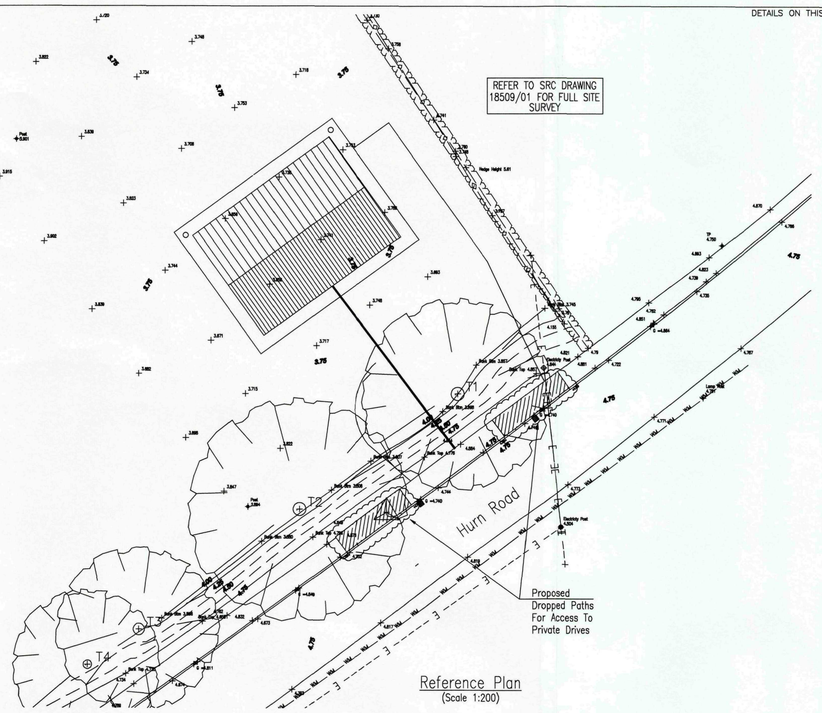
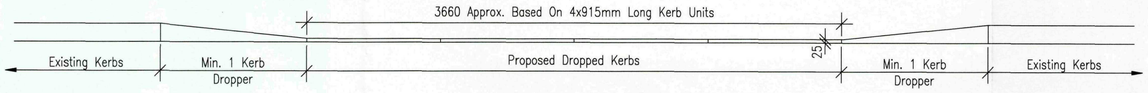
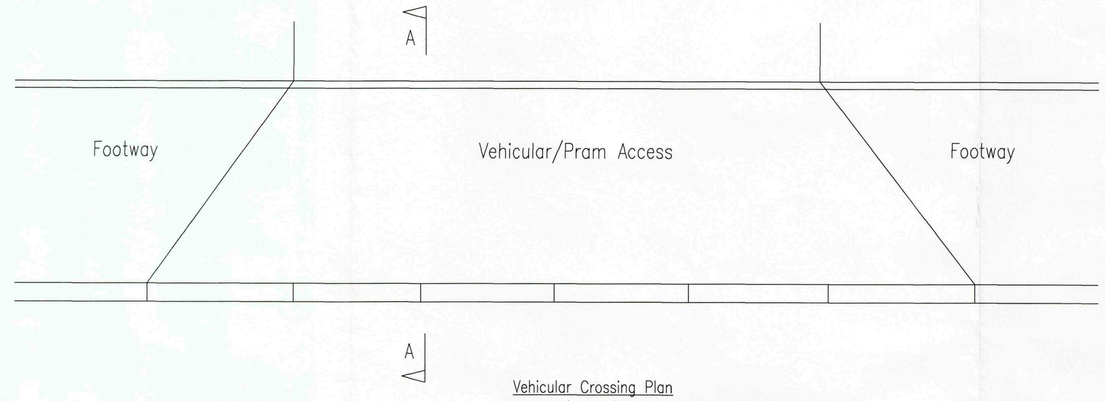
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Reference Plan
(Scale 1:200)



Vehicular Crossing Longitudinal Section
(Scale 1:25)



Vehicular Crossing Plan
(Scale 1:25)

NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DARWINGS AND SPECIFICATIONS.

2. SUB BASE TO BE SPREAD EVENLY ON THE FORMATION IN LAYERS NOT MORE THAN 150mm COMPACTED THICKNESS, WITHOUT DRYING OUT OR SEGREGATION.

3. THE FULL THICKNESS OF THE SUB-BASE SHALL BE CONTINUED FOR A DISTANCE OF 150mm BEYOND THE LIMITS OF THE KERB FOUNDATIONS.

4. ALL KERBS TO BE TO BS 7263 PART 1.

5. THE SPECIFICATIONS IN ALL RESPECT SHALL BE THE CURRENT 'DEVELOPMENT ROAD LAYOUT GUIDE' AND 'DEVELOPMENT ROAD SPECIFICATIONS' PUBLICATIONS IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.

6. WORKS WITHIN THE HIGHWAY TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF, AND TO THE SATISFACTION OF THE HIGHWAY AUTHORITY (LINCONSHIRE COUNTY COUNCIL).

7. ALL COMPONENTS AND MATERIALS ARE TO BE MANUFACTURED AND SUPPLIED IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARDS, AND LAID AND BACKFILLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND THE RELEVANT BRITISH STANDARDS.

8. THE CONTRACTOR IS RESPONSIBLE AND LIABLE FOR ENSURING THE STABILITY OF THE WORKS AND SERVICES AT ALL STAGES OF CONSTRUCTION.

9. THE CONTRACTOR SHALL, BEFORE COMMENCING THE WORKS, VERIFY ALL SITE AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUE AND PROPER SETTING OUT OF THE WORKS AND FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.

10. THE EXCAVATIONS AND SURROUNDING SITE SHALL BE KEPT FREE OF WATER.

11. EXISTING SERVICES ARE TO BE PROTECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES.

12. CONCRETE MIX DESIGNATIONS SHOWN ON THIS DRAWING ARE TO BS: 5328.

13. ALL PRIVATE DRAINAGE SHALL BE CARRIED OUT IN ACCORDANCE WITH PART H OF THE CURRENT BUILDING REGULATIONS.

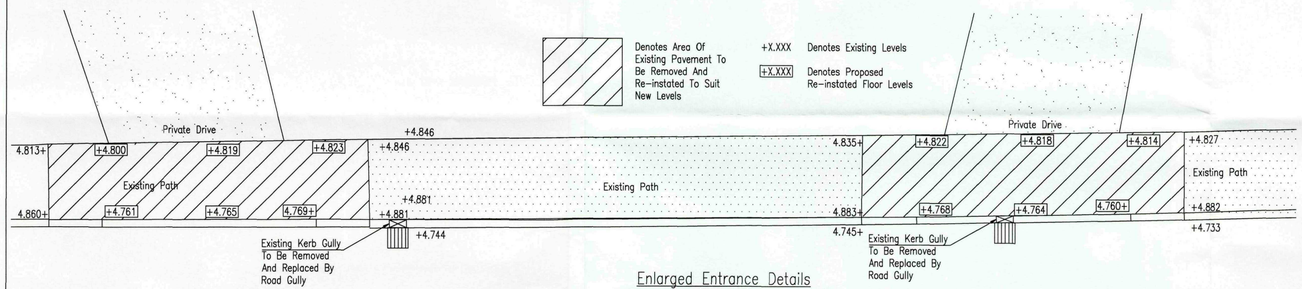
14. NO DRAINAGE FROM PRIVATE AREAS TO BE DISCHARGED TO PUBLIC HIGHWAY. DRIVES TO BE LAID TO FALL TO GULLYS AT LOW POINTS TO ENSURE COMPLIANCE.

15. NO GATES, ETC TO OPEN OVER THE PUBLIC HIGHWAY.

Denotes Area Of Existing Pavement To Be Removed And Re-instated To Suit New Levels

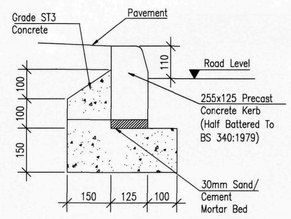
+X.XXX Denotes Existing Levels

[+X.XXX] Denotes Proposed Re-instated Floor Levels

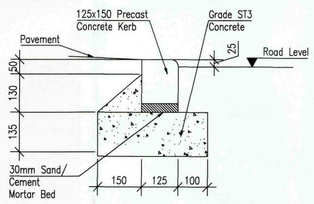


Enlarged Entrance Details
(Scale 1:50)

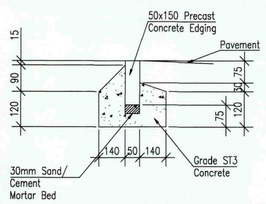
Typical Tie In Detail Between New & Existing Footway Construction
(Scale 1:25)



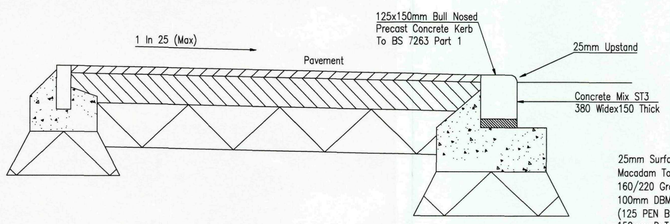
Typical Standard Kerb Detail
(Scale 1:10)



Typical Dropped Kerb Detail
(Scale 1:10)



Typical Edging Kerb Detail
(Scale 1:10)



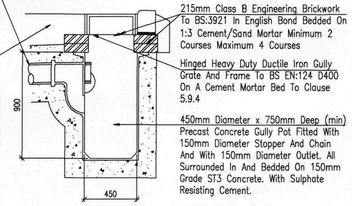
25mm Surface Course (6mm Nom. Size) Bitumen Macadam To BS 4987 (125 Pen Bitument Or 160/220 Grade).
100mm DBM Bindercourse (20mm Nom. Size) (125 PEN Bitumen Or 100/150 Grade).
150mm DoT Type 1 Sub-Base To Clasue 1.2

Section A-A Through Vehicular Crossings
(Scale 1:10)

Connections To Surface Water Sewers To Be In 150mm Diameter Pipework Laid At A Minimum Gradient Of 1in150 In 150mm Thick Concrete Bed And Surround With 18mm Thick Flexible Filler At Each Joint

Road Construction

Gully Grating And Frame To Be Set Level With Carriageway Surface And Flush With Kerb Face. Any Gap To Be Filled With Class 1 Mortar



215mm Class B Engineering Brickwork To BS:3921 In English Bond Bedded On 1:3 Cement/Sand Mortar Minimum 2 Courses Maximum 4 Courses

Hinged Heavy Duty Ductile Iron Gully Grate And Frame To BS EN:124 D400 On A Cement Mortar Bed To Clause 5.9.4

450mm Diameter x 750mm Deep (min) Precast Concrete Gully Pot Fitted With 150mm Diameter Stopper And Chain And With 150mm Diameter Outlet. All Surrounded In And Bedded On 150mm Grade ST3 Concrete. With Sulphate Resisting Cement.

Road Gully Detail
(Scale 1:25)

THE SPECIFICATION IN ALL RESPECTS SHALL BE IN ACCORDANCE WITH THE CURRENT LINCOLNSHIRE DESIGN GUIDE FOR RESIDENTIAL AREAS AND 'DEVELOPMENT ROAD AND SPECIFICATION AND CONSTRUCTION'. PUBLICATIONS IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.

Planning SHDC
29 OCT 2009
Ref: 704-09

REV	DATE	REMARKS
B	25/06/09	Entrance Levels Amended
A	19/06/09	Drawing Generally Updated

STATUS PRELIMINARY

SIDEBOTTOM RICHARDSON CHENG LTD.
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CONSULTING STRUCTURAL AND CIVIL ENGINEERS

PROJECT
Residential Development
At Holbeach Hurn,
Lincolnshire
For D. Brown Builders

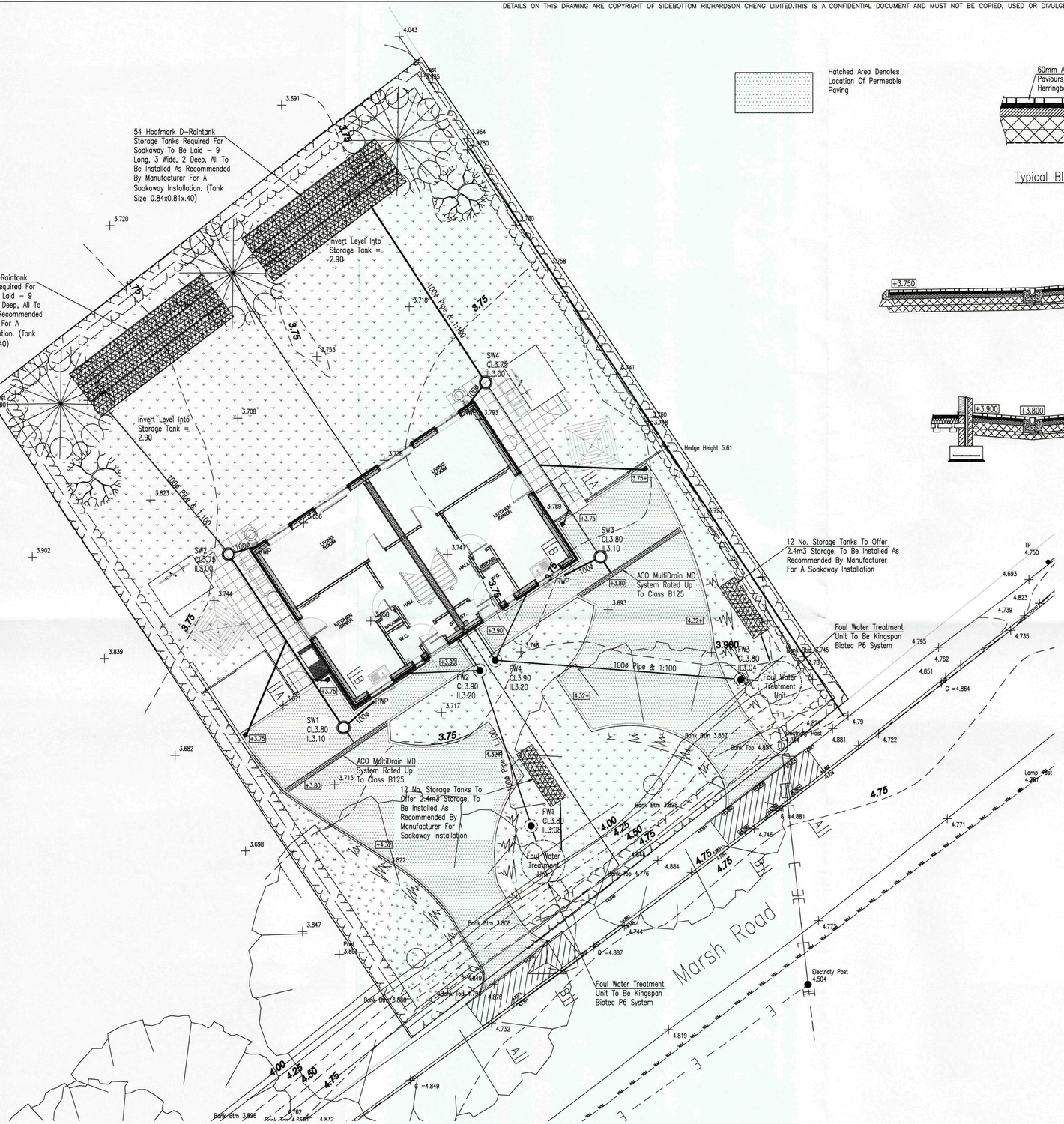
TITLE
Private Road Entrance Arrangements, Details & Sections

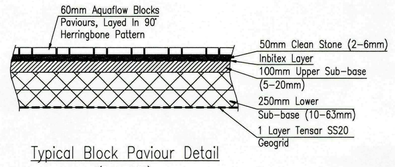
DATE	May 2009	SCALE	As Shown
DRAWN	BJ	CHECKED	
DESIGN		FILENAME	18509-10

DRG No. 18509/10 REV B

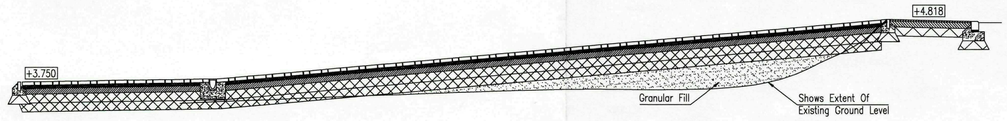
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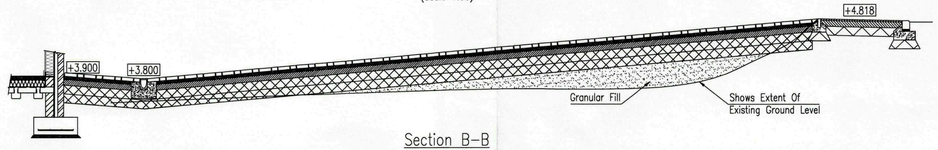




Typical Block Paviour Detail
(Scale 1:25)



Section A-A
(Scale 1:50)



Section B-B
(Scale 1:50)

SHDC Planning & Development
29 OCT 2009
Ref: 704-09

REV	DATE	REMARKS
E	19/10/09	Section Through Driveway Added
D	17/08/09	Driveway Specification Updated, Detail Updated
C	10/08/09	Driveway Specification Updated, ACO Drainage Added
B	14/07/09	Storage Increase to suit calculations.
A	23/06/09	Gully Cover Levels Raised To 3.75

STATUS PRELIMINARY

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CONSULTING STRUCTURAL AND CIVIL ENGINEERS

PROJECT
Residential Development
At Holbeach Hurn,
Lincolnshire
For D. Brown Builders

TITLE
Proposed External Drainage

DATE	Jun' 2009	SCALE	1:100
DRAWN	BJ	CHECKED	
DESIGN		FILENAME	18509-20

DRG No. 18509/20 REV E

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