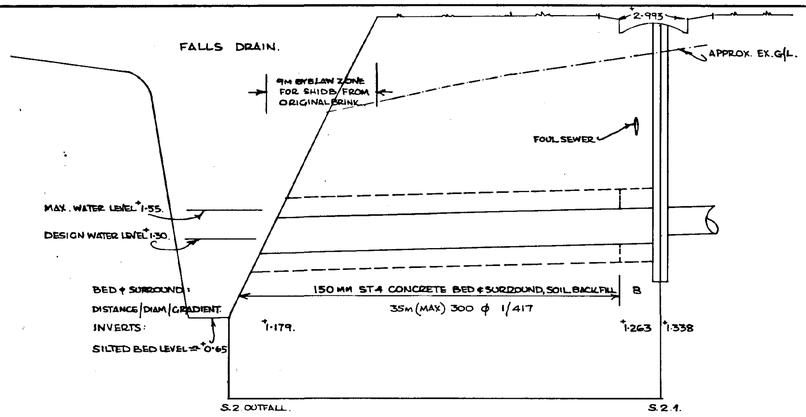
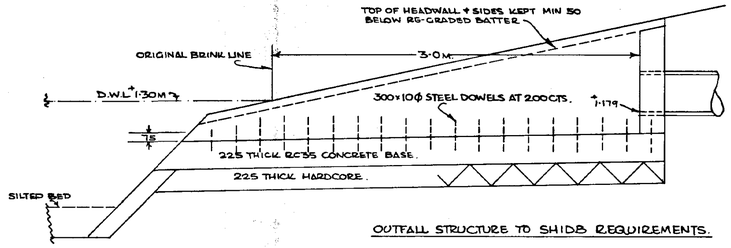
FALLS DRAIN.

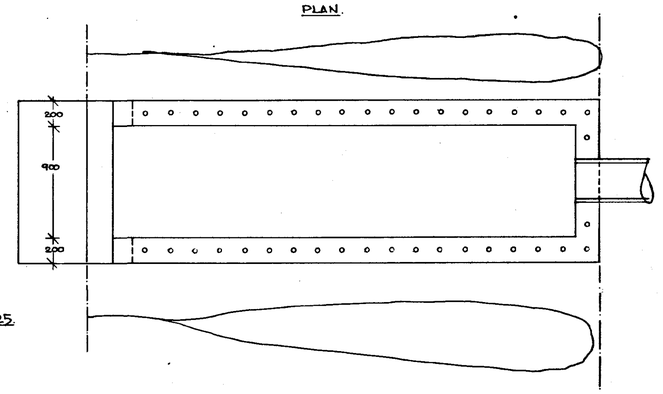


SECTION.



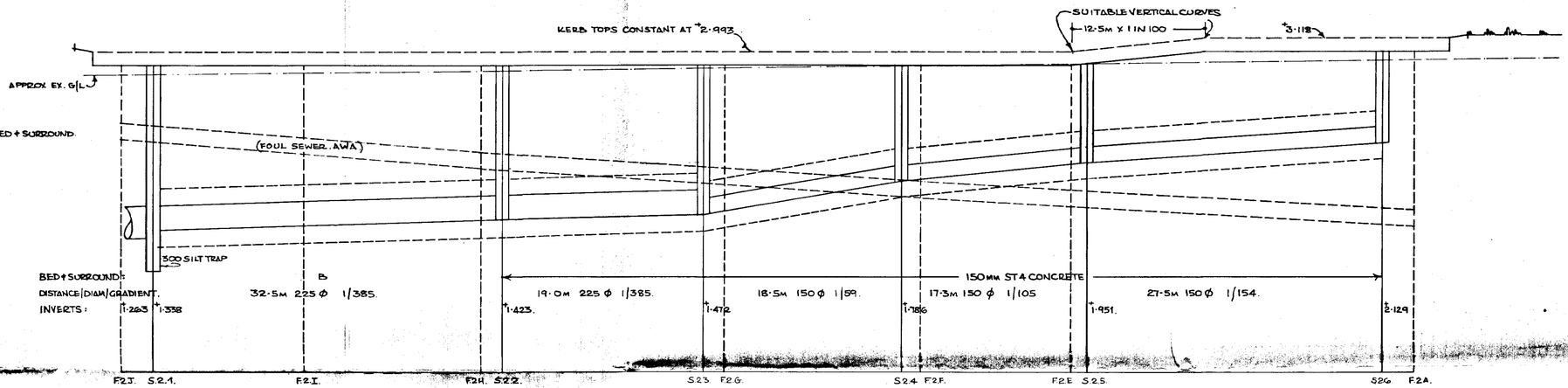
OUTFALL STRUCTURE TO SHIDB REQUIREMENTS. SCALE 1/25

PLAN.



SCALES: VERTICAL 1/25. HORIZONTAL 1/250.

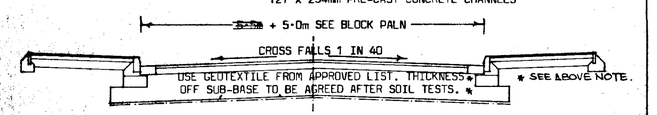
ALL PIPES WITH LESS THAN 1·2m COVER TO HAVE MIN 150mm ST4 CONCRETE BED & SURROUND.



SUB-BASE SPECIFICATION TO BE DETERMINED BY SITE INVESTIGATION & REPORT BY LINCS LAB. TO BS 5930 (1981). NO CARRIAGEWAY CONSTRUCTION TO BEGIN UNTIL DETAILS ARE AGREED WITH L.C.C.

APRIL 2000: LINCS LAB REPORT G20538/99 REQUIRES MIN 680 MM CONSOLIDATED MOT TYPE1 ON AUTOWAY 90 GEOTEXTILE, BASE & WEARING COURSES AS BELOW.

50 x 152mm PRE-CAST CONCRETE EDGINGS. 127 x 254mm HALF BATTERED PRE-CAST CONCRETE KERBS
127 x 254mm PRE-CAST CONCRETE CHANNELS



TO LAY CHANNEL BLOCKS TO FALSE FALLS THE FRONT EDGE SHALL REMAIN A CONSTANT 100mm BELOW KERB TOP AND THE REAR EDGE OF THE BLOCK SHALL VARY BETWEEN 100mm BELOW KERB TOP MIDWAY BETWEEN GULLEYS TO 150mm BELOW KERB TOP AT THE GULLEYS WHICH WILL BE SPACED AT MAXIMUM 25m APART.

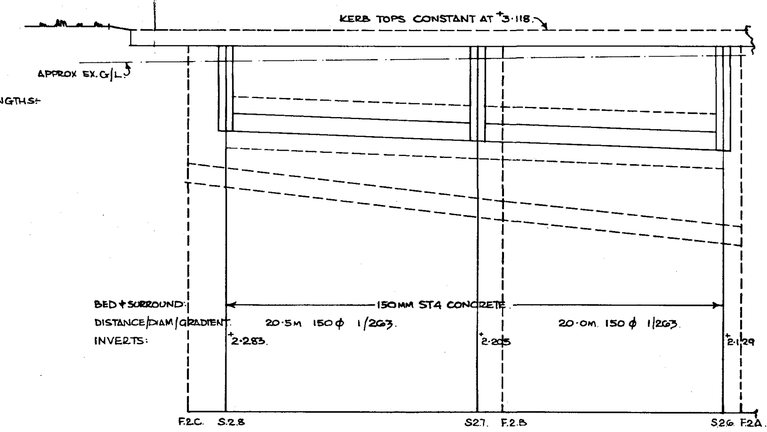
CARRIAGE WAY SECTION 1/50

CARRIAGEWAY
WEARING COURSE: 40mm THICK CLOSE GRADED BITUMEN MACADAM 10mm NOM SIZE TO CLAUSE 9·3.
BASE COURSE: 110mm THICK DENSE BITUMEN MACADAM 20mm NOM SIZE TO CLAUSE 9·1.
SUB-BASE: MOT TYPE 1 AGGREGATES TO CLAUSE 8·1.

FOOTWAY
WEARING COURSE: 25mm THICK DENSE BITUMEN MACADAM 6mm NOM SIZE TO CLAUSE 9·4
BASE COURSE: 50mm THICK DENSE BITUMEN MACADAM 20mm NOM SIZE TO CLAUSE 9·1.
SUB-BASE: 100mm THICK MOT TYPE 1 AGGREGATE TO CLAUSE 8·1.

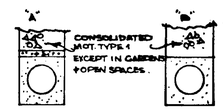
VECHICLE CROSSINGS TO CLAUSE 1·G A.

ALL PIPES TO BE CLAYWARE MANUFACTURED TO COMPLY WITH BS EN 295:1991 & TO HAVE THE FOLLOWING STRENGTHS:-
300 MM DIAM: 29 KN/M.
225 MM DIAM: 25 KN/M.
150 MM DIAM: 22 KN/M.



SCOTTISHOLLAND DC
HOUSING & PLANNING
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PIPE BED & SURROUNDS.

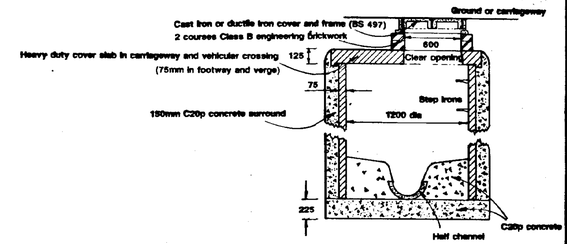


EACH METHOD: 150 MM PEA GRAVEL.
METHOD A: 100 C20P CONCRETE BLANKET.

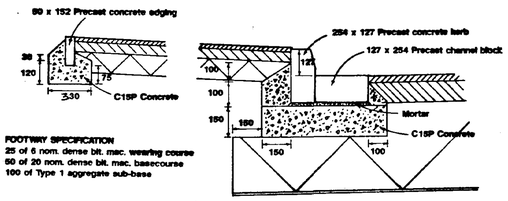
THE SPECIFICATION IN ALL RESPECTS SHALL BE THE CURRENT "DEVELOPMENT ROAD LAYOUT GUIDE" & "DEVELOPMENT ROAD SPECIFICATION" PUBLICATIONS IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.

MANHOLE UP TO 3m DEEP PRECAST CONCRETE (REF. CLAUSE 5.8)

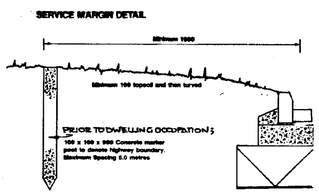
COVERS & FRAMES TO EN 124 GROUP 4 CLASS D400. GRADE A DOUBLE TRIANGULAR IN CARRIAGEWAY GRADE B ELSEWHERE. ALL GULLEYS TO BE HINGED NON-REMOVABLE & WITH 900 CM² FREE DRAINAGE WATERWAY, GULLEY POTS 450 ϕ x 750 DEEP x 150 OUTLETS.

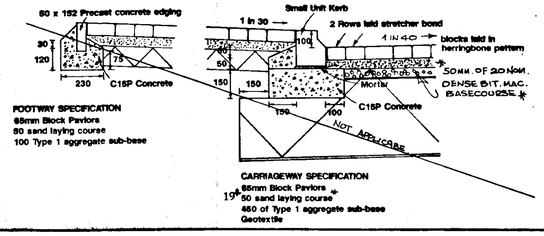


CHANNEL BLOCK AND KERB DETAIL



SERVICE MARGIN DETAIL





P. L. ELY (CONTRACTORS) LTD BUILDERS & ESTATE DEVELOPERS HIGH ROAD, WHAPLODE, SPALDING, LINCS	
PROJECT CHAPMANS SITE, SEAGATE ROAD, LONG SUTTON PHASE 3.	DETERMINED PLAN
DRAWINGS SURFACE WATER & HIGHWAYS DETAILS.	
SCALES VARIOUS.	DESIGN/PLAN No H11/0913/97/PH3 - LCC.
DATE: JULY 1999.	DRAWN R.W.ELY.

0863/02

N

LANCASTER DRIVE

FACTORY BOUNDARY

DETAIL OF SITE ENTRANCE SCALE 1/250.

45°

4·5m X 120m SPLAY LINE

LINE OF TIMBER FENCE

2·4m

EDGE OF OUR LAND. (SPACE LEFT FOR HANDING)

45°

ROAD EDGE KERBS

EXISTING EDGE OF PATH

GIVE WAY MARKINGS + ANY NECESSARY SIGNS TO BE AGREED WITH L.C.C.'s DIVISIONAL SURVEYOR.

(P) ALL PEDAMBULATOR CROSSINGS TO HAVE TACTILE PAVING PROVIDED TO L.C.C.S DIV. SURVEYORS APPROVAL.

(X) STREET LIGHT TO L.C.C. SPECIFICATION S/35/C/93 WITH S.E.C. SUPPLIES + A TYPE A TERMINATION (L.C.C. DRAWING S.D.1/4+4A).

(●) AS ABOVE BUT S/35/2L/93.

DRAIN

FALL DRAIN

BRIDGE

BASE LINE No.2

BASE LINE No.3

SURFACE WATER OUTFALL No.2.

L.C.C. WAYLEAVE ZONE.

TBM KT=3·104

APPROVED LIGHTING COLUMN POSITION (PHASE 2)

F.1.I.

F.1.H.

100 DIAM. SOIL PIPELINE AT 1/35

ALL LATERAL ENDS 2·21.√

S.W.S.D. SUB-STATION ACCESS, IF REQUIRED.

ROAD FALLS INTO SITE AT 1/150 BETWEEN GULLEYS (2nr).

SEAGATE ROAD

DISCONNECT + CAP OFF BRITISH GAS MCB.

CONNECT NEW SEWERS INTO EXISTING 150 Ø SEWER.

TBM=3·236

17. 1/L*1·80. 16@·5m 150MM DIAM PIPE AT A GRADIENT OF 1 IN 180 TO EXTEND S.W SCHEME FOR PHASE 1 AT A LATER DATE. IF REQUIRED + SUBJECT TO FURTHER PERIOD APPROVAL OF L.C.C. BED & SURROUND TYPE B.

EXTENT OF PHASE 1. 16. 1/L*1·60.

OCTOBER 1998.

3410·5.1M = 22·5m @ 1/150 150 Ø GOULEYS OF S.1.11. SEE NE ADDITIONAL 180M² ROAD + PAVEMENT

SURFACE WATER OUTFALL No.1.

185·0M. (ALONG BRINK)

3·5M.

L.C.C. WAYLEAVE ZONE.

SOUTHWARK LONDON HOUSING DEPARTMENTS

07 JUL 2000

Ref: 0863/00

DETERMINED PLAN

REVISED KERB TOP LEVELS AS APPROVED ON 8/4/98

CHAPMANS SITE, SEAGATE ROAD, LONG SUTTON	P.L.ELY (CONTRACTORS) LTD.
RESIDENTIAL DEVELOPMENT	ROAD LAYOUT
K.D.09. PHASE 3 CIVILS OCT 98. 1:500	ROGER WRIGHT architect