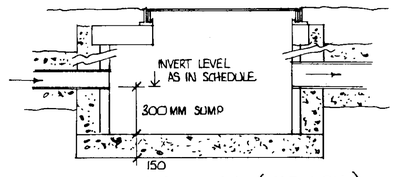
ROAD GULLIES :

PRE-CAST CONCRETE TO B.S. 5911 OR SYNTHETIC (PLASTIC) IN ACCORD WITH C.P 312. 750 MM DEEP X 375 MM Ø WITH 150 Ø TRAPPED OUTLET + STOPPERED RODDING EYE & CHAIN. SYNTHETIC GULLIES TO BE BEDDED ON AND SURROUNDED IN 150 MM (1:3:6 MIX) CONCRETE. GULLY COVERS & FRAMES SHALL COMPLY WITH THE REQUIREMENTS OF E.N 124 GROUP 4 (CLASS D 400) TO BE HINGED BUT NON REMOVABLE AND SHALL HAVE A NOMINAL WIDTH OF 450 MM WITH A MIN WATERWAY AREA OF 900 CM 2

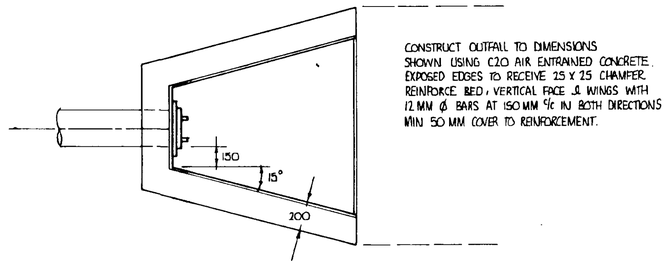
- PIPES FOR BOTH FOUL AND SURFACE WATER SEWERS TO BE CLAY PIPES MANUFACTURED IN ACCORD WITH THE REQUIREMENTS OF B.S. 65 WITH TYPE I SOCKETS AND SUPPLIED COMPLETE WITH MANUFACTURERS FLEXIBLE JOINTS OR SUPPLIED PLAIN ENDED WITH SLEEVE COUPLINGS
  CONCRETE PIPES MAY BE USED WITH COMPLIANCE TO B.S 5911 WITH MANUFACTURERS FLEXIBLE JOINT.
- ENCASE SEWERS IN 150 MM (1:3:6 MIX) CONCRETE AND PROVIDE REXCELL OR SIMILAR FLEXIBLE MATERIAL AROUND JOINTS THROUGHOUT ENCASEMENT

INTERCEPTOR

TO BE AS MANUFACTURED BY MESSRS CONDER PRODUCTS LTD. INTERCEPTOR TO BE TYPE BG 3/27 AND TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND DETAILS. PROVIDE GRADE A DUCTILE IRON COVER AND FRAME. 75 MM Ø BLACK PVC VENT PIPE TO BE FIXED TO GALV. STEEL SUPPORT POST. VENT PIPE TO TERMINATE IN BIRD CAGE 2 METRES ABOVE GROUND LEVEL. OUTFALL INVERT OF DRAIN FROM INTERCEPTOR TO BE 2.0 METRES O.D.N.



STORM M.H S4 DETAIL (CATCH PIT)

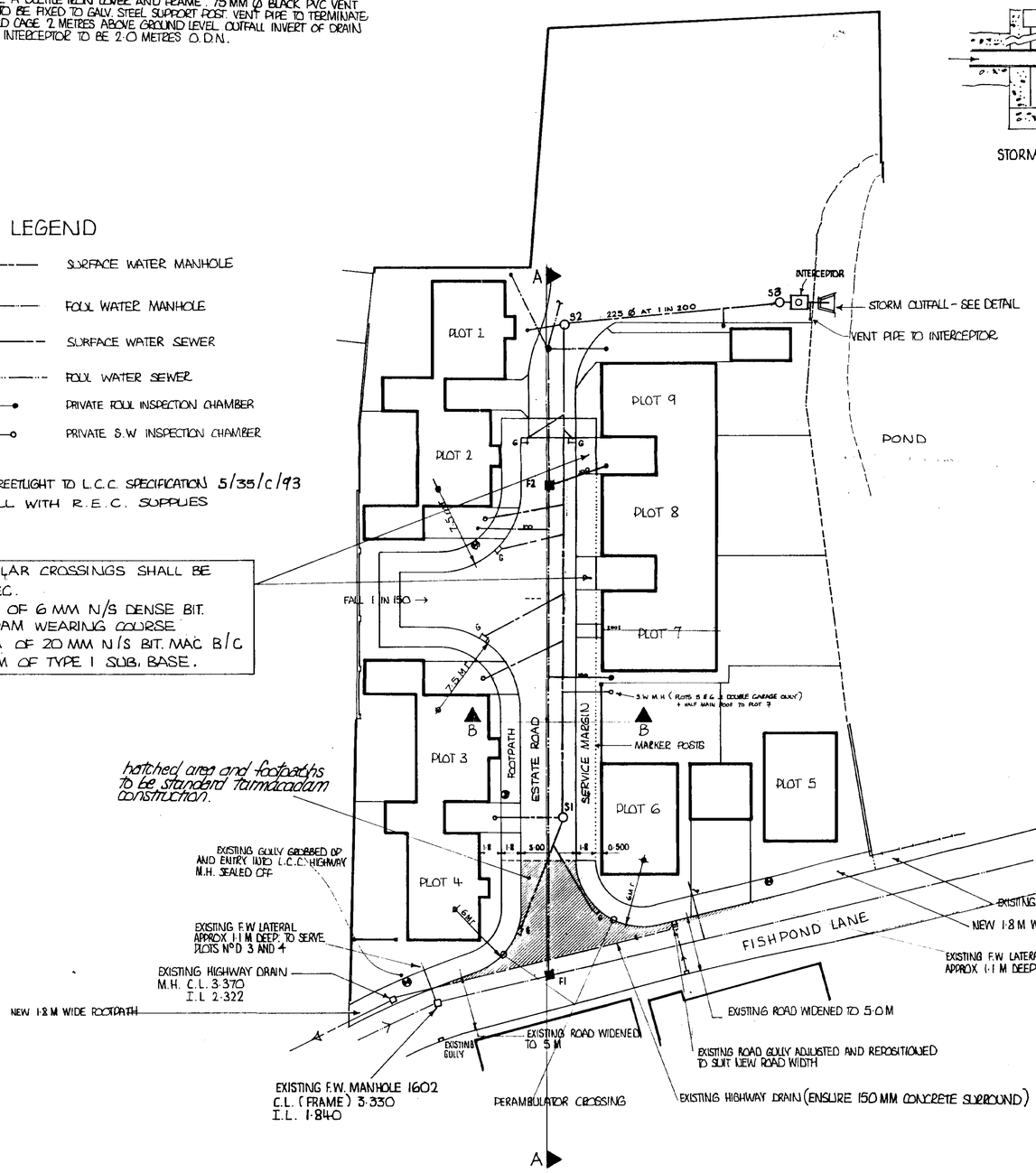


CONSTRUCT OUTFALL TO DIMENSIONS SHOWN USING C20 AIR ENTRAINED CONCRETE. EXPOSED EDGES TO RECEIVE 25 X 25 CHAMFER. REINFORCE BED, VERTICAL FACE & WINGS WITH 12 MM Ø BARS AT 150 MM c/c IN BOTH DIRECTIONS MIN 50 MM COVER TO REINFORCEMENT.

LEGEND

- SURFACE WATER MANHOLE
- FOUL WATER MANHOLE
- SURFACE WATER SEWER
- FOUL WATER SEWER
- PRIVATE FOUL INSPECTION CHAMBER
- PRIVATE S.W INSPECTION CHAMBER
- STREETLIGHT TO L.C.C. SPECIFICATION 5/35/C/93 ALL WITH R.E.C. SUPPLIES

VEHICULAR CROSSINGS SHALL BE TO SPEC.
25 MM OF 6 MM N/S DENSE BIT. MACADAM WEARING COURSE
50 MM OF 20 MM N/S BIT. MAC. B/C
380 MM OF TYPE I SUB, BASE.

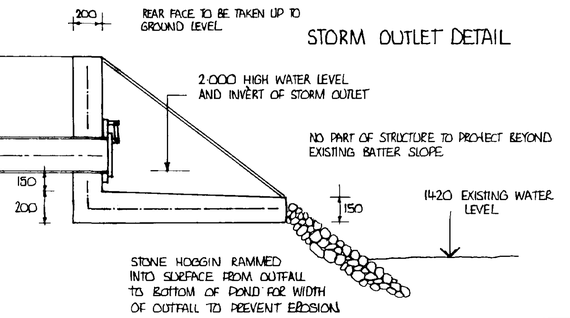


hatched area and footpaths to be standard tarmacadam construction.

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

SITE ENTRANCE :

SITE ENTRANCE TO BE AS SHOWN HATCHED - FROM BACK OF EXISTING HIGHWAY TO BACK OF 6 M RADIUS TO BE IN CONSTRUCTION NOTED BELOW
NEW FOOTPATHS TO BE 1.8 M WIDE. WHERE APPLICABLE PROVIDE 152 X 50 CONCRETE KERBS TO BACK OF FOOTPATHS ON 230 X 75 15/20 N/MM² /MM CONCRETE AND HAUNCHED. TARMAC TO BE :
25 MM DENSE BITUMEN WEARING COURSE ON
50 MM DENSE BITUMEN BASECOURSE ON
100 MM TYPE I SUB-BASE
TO ROADSIDE PROVIDE 254 X 127 HALF BATTERED KERBS ON 377 X 150 15/20 N/MM²/MM CONCRETE AND HAUNCHED. TARMAC TO BE :
40 MM CLOSE GRADED BITUMEN MACADAM WEARING COURSE ON
100 MM DENSE BITUMEN BASECOURSE ON
450 MM TYPE I SUBBASE ON GEOTEXTILE (POLYFELT TS.521)
PROVIDE INVALID / PERAMBULATOR CROSSING, CONSTRUCTION AS FOR FOOTPATHS WITH 2 KERBS 127 X 152 X 900 MM LONG WITH 25 MM UPSTAND ABOVE THE ROAD, TO EITHER SIDE OF FLAT KERBS PROVIDE 127 X 254 TO 127 X 152 TAPER KERBS ALL WITH TACTILE PAVING AT PERAMBULATOR CROSSING POINTS
"GIVE WAY" :- GIVE WAY MARKINGS AND SIGNING TO BE AGREED ON SITE WITH L.C.C. DIVISIONAL INSPECTOR
NEW ESTATE ROAD FINISH : ~~HOT ROLLED ASPHALT & PRE-COATED CHIPPINGS~~ **40mm CLOSE GRADED BITUMEN MACADAM** - SEE SECTION B-B THRO' ROAD
NEW FOOTWAYS : AS SITE ENTRANCE FOOTPATH SPEC. ABOVE
1.8 M WIDE GRASSED HIGHWAYS SERVICE MARGIN WIDTH TO BE DESIGNATED WITH 100 X 100 X 900 CONCRETE MARKER POSTS AT MAXIMUM 5.0 M CENTRES



STORM OUTLET DETAIL

NOTE: THE FOUNDATIONS OF PLOTS 4 AND 6 SHALL NOT IMPEDE WITHIN HIGHWAY LIMITS

SOUTH HOLLAND D.C. HOUSING & PLANNING 29 MAY 1997 Ref: 0601/97

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWINGS Nº D 2448-77 & 2448-70

NOTE: THE EXISTING STREET LIGHT IN BELLMOUTH IS OWNED BY SOUTH HOLLAND DISTRICT COUNCIL TO BE REMOVED S.H.D.C. SHALL BE INFORMED PRIOR TO DISCONNECTION AND REMOVAL CONTACT RACHEL PAUL TEL 01775 761161

CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE BEFORE WORK COMMENCES.

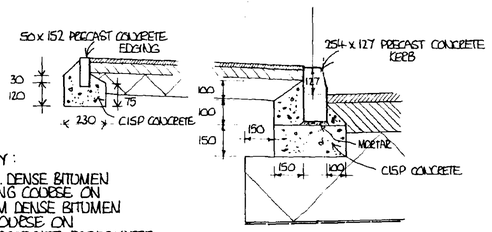
revision	date	init.	revision details

PODDINGTONS
Architectural Design Consultants
43 Double Street, Spalding, Lincs. PE11 2AA
Tel: 0775 761856 & 768296. Fax: 0775 710218

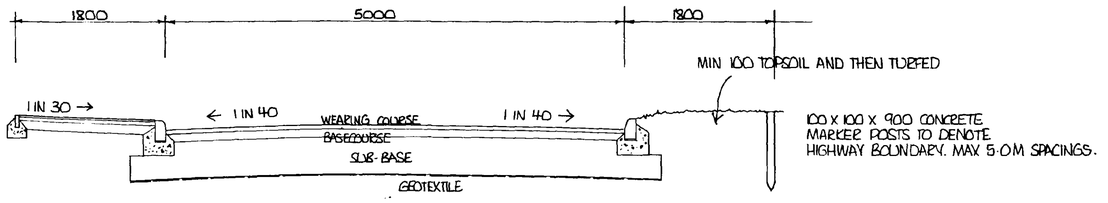
project
RESIDENTIAL DEVELOPMENT OFF FISHPOND LANE, HOLBEACH, SPALDING LINCOLNSHIRE
FOR MR I. B. Mc EWAN

drawing
ROAD AND SEWERS DETAIL

scale	drawing no
SITE PLAN 1:250	2448-76 B
date: SEPTEMBER '96	drawn



FOOTWAY :
25 MM OF 6 NOM. DENSE BITUMEN MACADAM WEARING COURSE ON
50 MM OF 20 NOM DENSE BITUMEN MACADAM BASECOURSE ON
100 OF TYPE 1 AGGREGATE BASECOURSE



SECTION B – B THRO' ROAD

CARRIAGEWAY SPECIFICATION :
~~40 OF HOT ROLLED ASPHALT WEARING COURSE WITH~~ 40MM CLOSE GRADED BITUMEN MACADAM
~~PRE COATED CHIPPINGS (GREEN) ON~~ WEARING COURSE ON
100 OF 20 NOM DENSE BIT. MAC. BASECOURSE ON
450 OF TYPE 1 AGGREGATE SUB-BASE ON
GEOTEXTILE (POLYFELT TS 521)

NOTE : MANHOLES AND FOUL AND SURFACE WATER DRAINS TO BE CONSTRUCTED AS PER A.W.A'S "SEWERS FOR ADOPTION" 4TH EDITION AND ANY SUBSEQUENT AMENDMENT.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRG'S N°D 2448-76 & 2448-70 A

SURFACE WATER :

M.H	INVERT	APPROX C.L.	APPROX DEPTH
S1	2·506	3·251	·745
S2	2·210	3·200	0·99
S3*	2·110	2·900	·790

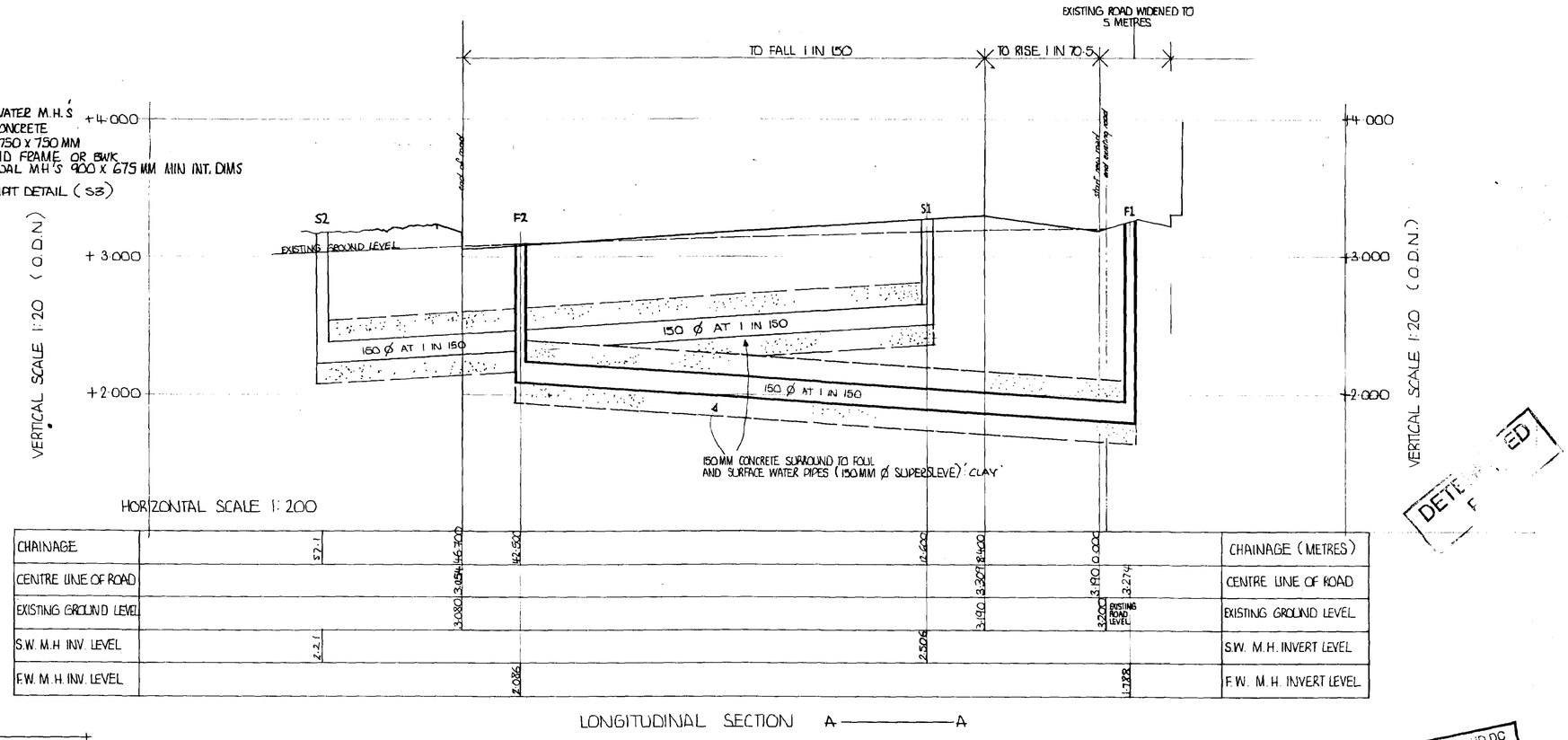
SURFACE WATER M.H.'S
1050 Ø CONCRETE
750 x 750 MM
COVERS AND FRAME OR BWK
COMBINATIONAL M.H.'S 900 x 675 MM MIN INT. DIMS
SEE CATCHPIT DETAIL (S3)

FOUL WATER

M.H	INVERT	APPROX C.L.	APPROX DEPTH
F1	1·788	3·274	1·486
F2	2·086	3·082	0·996

FOUL WATER M.H.'S TO BE CONSTRUCTED AS PER 'SEWERS FOR ADOPTION PUBLICATION 4TH EDITION (AWA)

* ALL MANHOLE COVERS IN AREAS TO BE ADOPTED SHALL BE TO SPEC EN 124, GROUP 4 (CLASS D400)



LONGITUDINAL SECTION A ——— A

ALL LEVELS RELATE TO ORDNANCE DATUM – NEWLYN

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

• NOTE : EXISTING DRAINAGE SYSTEMS ON SITE TO BE GROBBED UP WHERE NOT REQUIRED

SOUTH HOLLAND DC HOUSING & PLANNING 29 MAY 1997 Ref: 0607/97

DETAILED

CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE BEFORE WORK COMMENCES.

revision	date	init.	revision details
A	MAY 97	JTC	Highways Amendment

PODDINGTONS
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project:
RESIDENTIAL DEVELOPMENT
FISHPOND LANE HOLBEACH
SPALDING LINCOLNSHIRE
FOR : MR I. B. Mc EWAN

drawing:
ROAD SECTIONS AND SEWER DETAILS

scale	drawing no
AS SHOWN	2448 ~ 77A
date: SEPTEMBER '96	drawn: JTC
	checked: