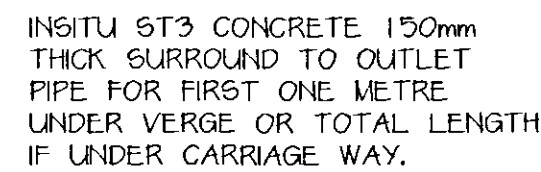
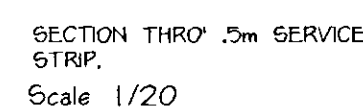


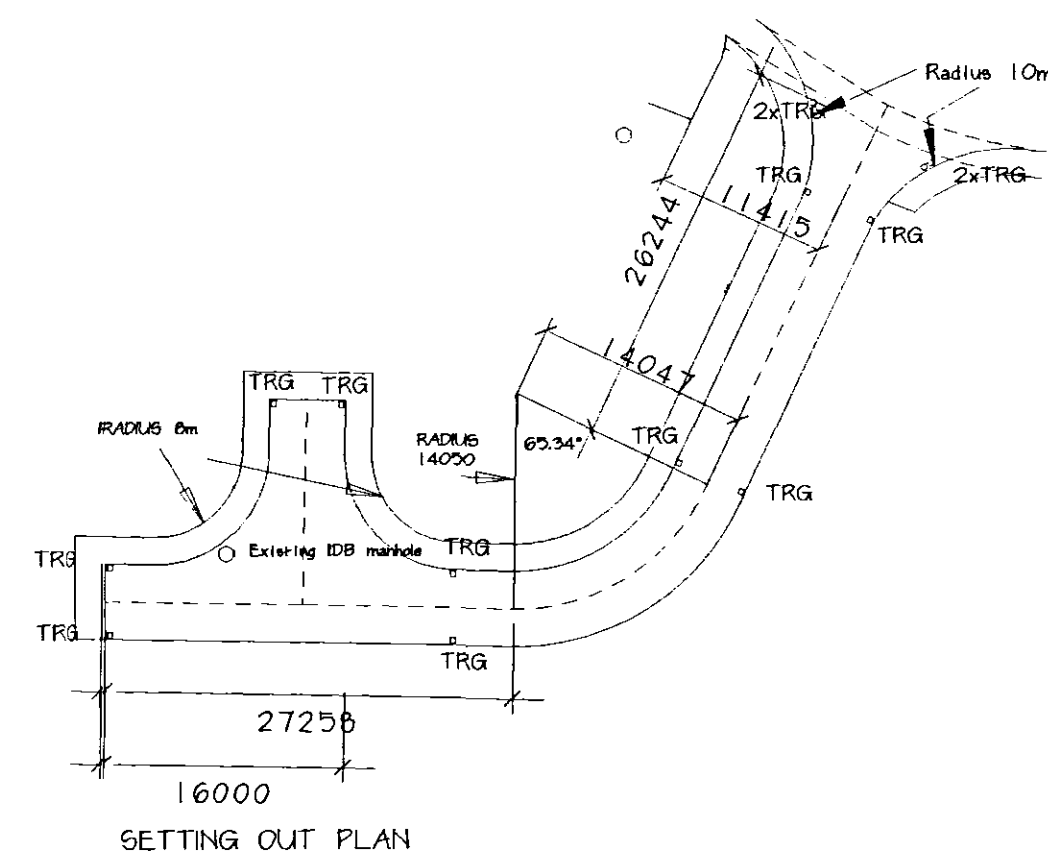
CARRIAGEWAY SPECIFICATION
40 of 10 nom close graded bit. mac. wearing course.
110 of 20 nom dense bit mac basecourse
680 of type 1 aggregate sub-base
Tensar 5530 geogrid
Wearing course will be bonded to the Basecourse



WHERE GRATING IS TO BE
TRAFFICKED OR LAID AGAINST
WITHIN 24 HOURS OF FRAME
BEING PLACED IN POSITION
THEN A SUITABLE ULTRA RAPID
HARDENING MORTAR & CONCRETE
(MANOSET241 OR SIMILAR)SHALL
BE USED TO BED COVER AND
FRAME

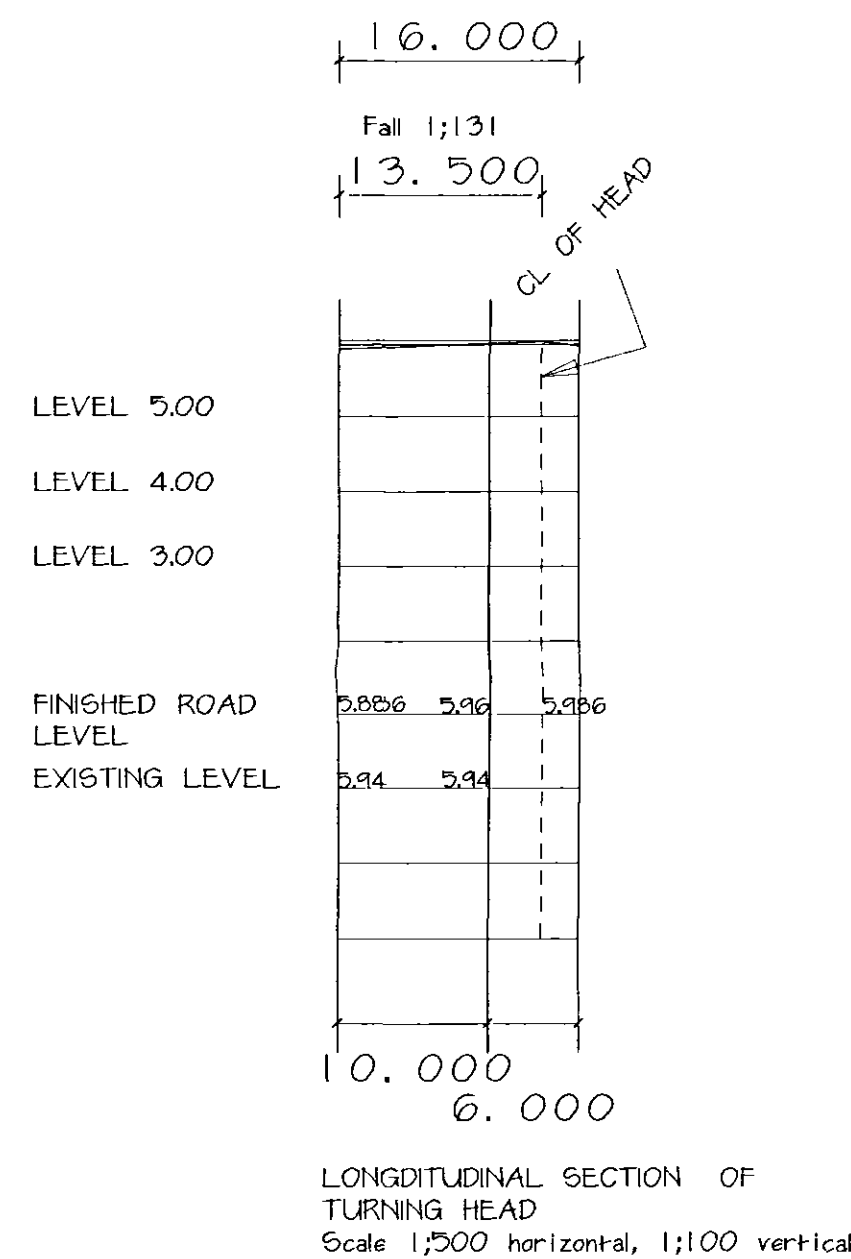


TYPE G7
TRAPPED PLASTIC ROAD GULLEY
1 IN 40 CAMBER
Scale 1:20

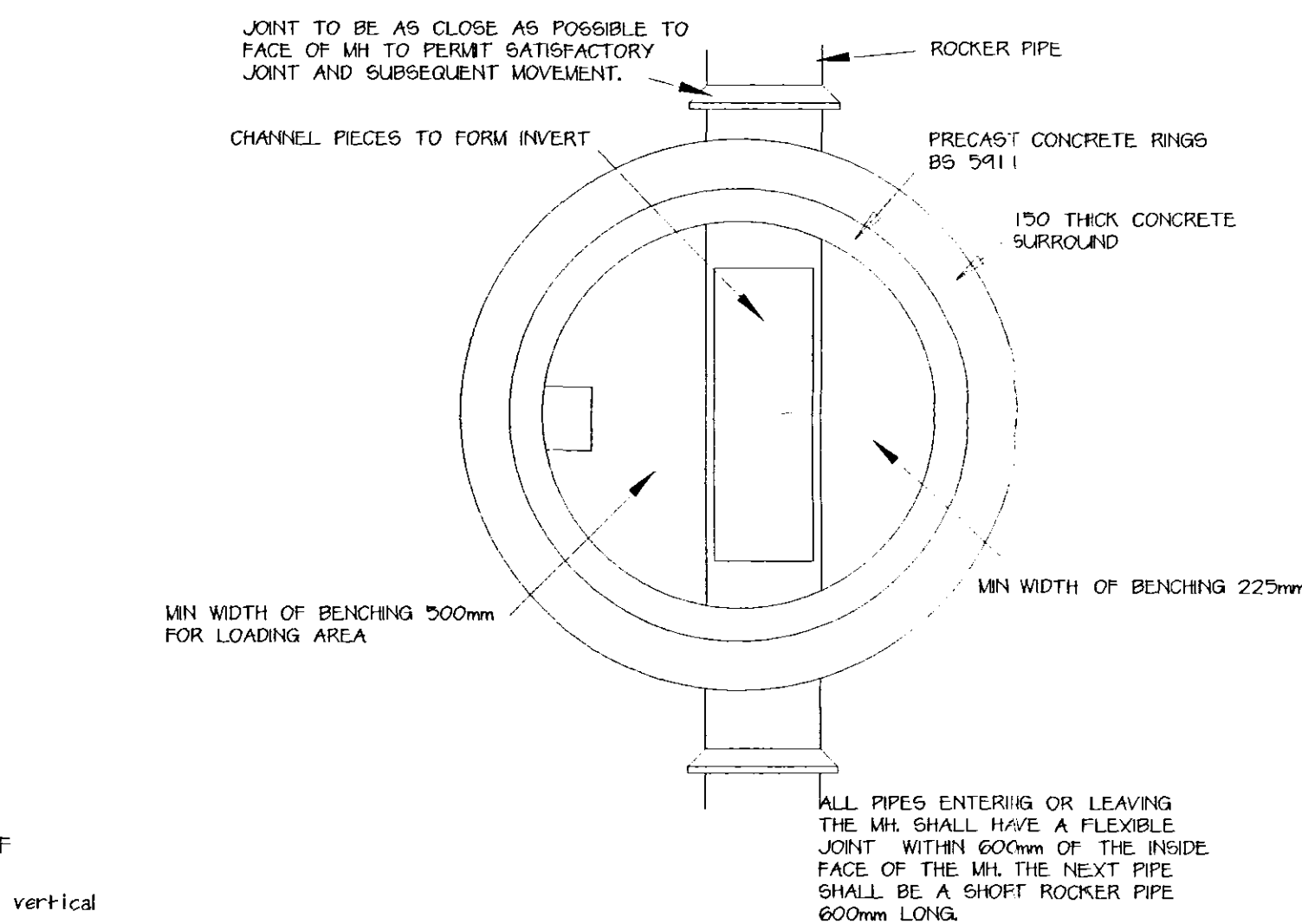


SETTING OUT PLAN

MH	DEPTH	SIZE	TYPE
51	2353	1270x1270	B
52	2200	1270x1270	B
53	1230	1270x1270	B
	2500	EXISTING	



LONGITUDINAL SECTION OF
TURNING HEAD
Scale 1;500 horizontal, 1;100 vertical



TYPICAL MANHOLE -TYPE B
MAX 3M DEEP

FALLS FALLS
WHERE FALLS FALLS ARE EMPLOYED THE GULLIES
ARE PLACED AT 25m CENTRES WITH
KERBS LAID LEVEL.
CHANNEL BLOCKS TO RISE AND FALL (150mm BY
THE KERB FACE AT THE GULLY TO 100mm
AT THE CENTRE POINT TO GIVE A FALL OF 1IN 250)
CHANNEL BLOCKS TO ROADS WITH INCLINE LESS
THAN 1 IN 150.
ALL CHANGES IN GRADIENT TO BE JOINED BY A
SUITABLE VERTICAL CURVE.
THE CARRIAGEWAY SIDE OF ALL BLOCKS SHALL
REMAIN A CONSTANT 100mm BELOW KERB
TOP WITH ONLY EDGE SIDE VARYING FROM
100mm BELOW KERB TOP MIDWAY BETWEEN
GULLIES TO 150mm BELOW KERB TOP AT THE
GULLIES.

MINIMUM COVER TO SEWERS IN ROAD 380 mm.
ALL SW SEWERS IN ROAD WITH LESS THAN
1.2m COVER TO BE ENCASED IN 150mm OF
CONCRETE, DISCONTINUOUS AT PIPE JOINTS.
150mm FOUL SEWERS TO BE HEIPLEAVE ESCV.
WHERE COVER UNDER CARRIAGEWAYS IS LESS
THAN 1200mm, PROTECTION TO BE A6
DETAILED (900mm UNDER OPEN GROUND)
CLASS 5 BEDDING TO BE GRADE: 14-5mm.

NOTES

150 CONCRETE SURROUND TO PIPES WHERE COVER
IS LESS THAN 1200.

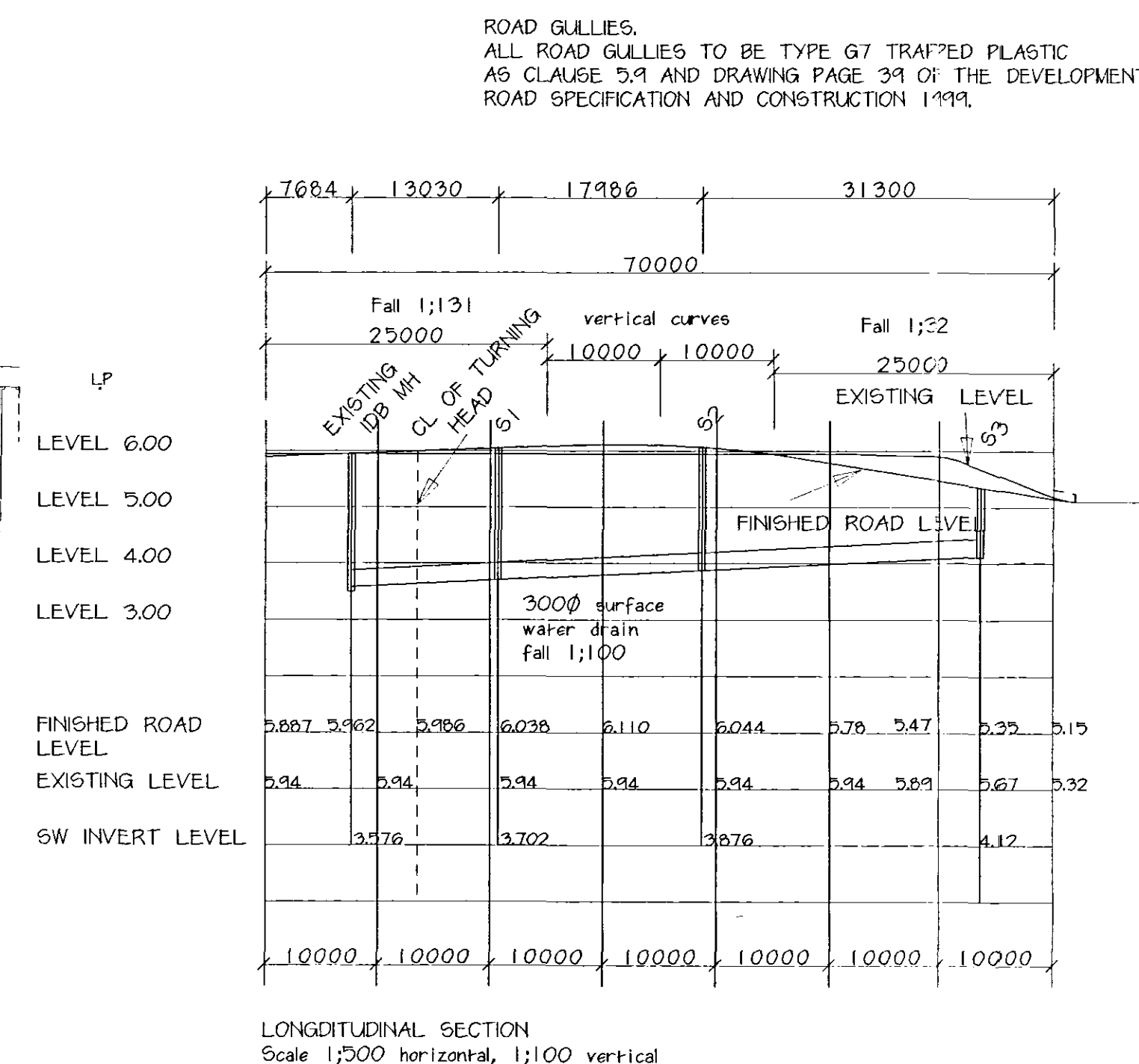
REQUIREMENTS FOR ANY NECESSARY CARRIAGEWAY MARKING & ANY ROAD SIGNS ARE TO BE AGREED ON SITE DURING CONSTRUCTION WITH THE AREA HIGHWAYS MANAGER/OFFICER.

PRAM CROSSINGS WITH TACTILE PAVING TO BE PROVIDED AT INNER TANGENT POINTS ON MAIN ROAD

ALL IRONWORK IN HIGHWAY TO BE TO SPEC.
EN 124 GROUP 4 (CLASS D 400)

GULLIES SHALL BE HINGED, NON-REMOVABLE AND SHALL HAVE A NOMINAL WIDTH OF 450mm WITH A MIN AREA OF WATERWAY OF 900cm² sq

THE SPECIFICATION IN ALL RESPECTS SHALL BE THE CURRENT LAYOUT GUIDE & SPEC. FOR DEVELOPMENT ROADS IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.



LONGITUDINAL SECTION
Scale 1:500 horizontal, 1:100 vertical

**M. PARKER
& SONS LIMITED**

BUILDERS & CONTRACTORS

ST. JOHNS RD SPALDING Lincs PE11 1JX
FAX. 01775 726217 TEL. 01775 724777

PROPOSED RESIDENTIAL DEVELOPMENT

ST. JOHNS ROAD

SPALDING

ROAD AND SURFACE WATER

**DETERMINED
PLAN**

SCALES AS NOTED

DRG. NO. 009 RS ROAD * DATE 02/106

PLANNING CONDITIONS 6 AND 9