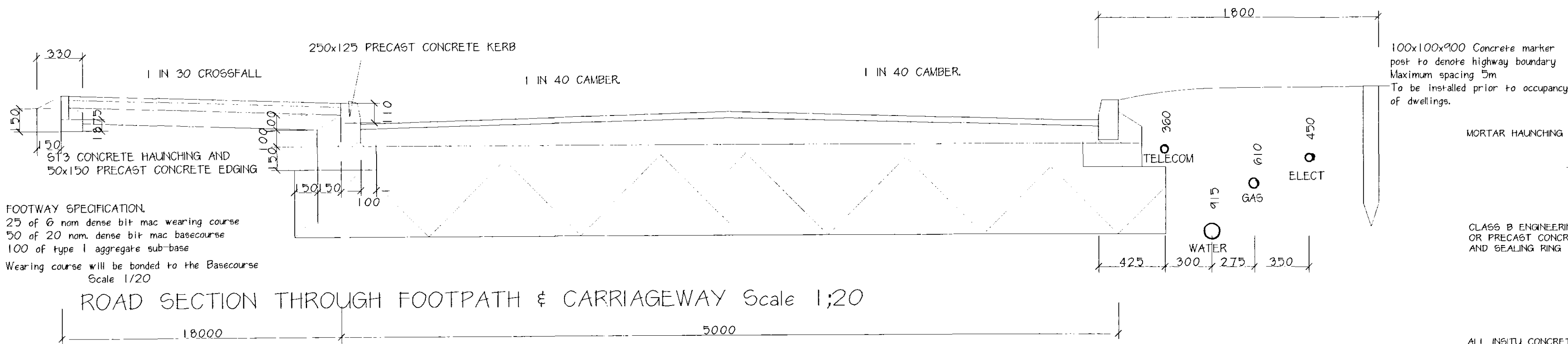
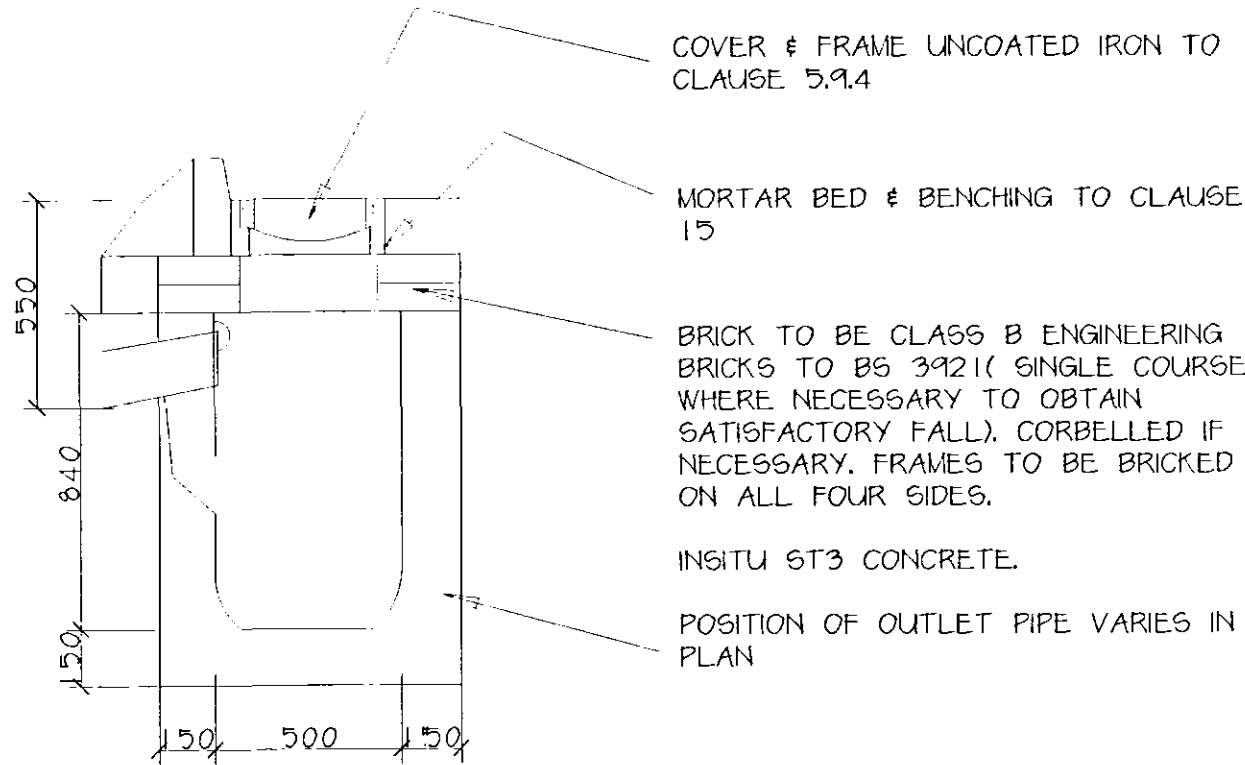




FOOTWAY SPECIFICATION.
25 of 6 nom dense bit mac wearing course
50 of 20 nom dense bit mac basecourse
100 of type 1 aggregate sub-base
Wearing course will be bonded to the Basecourse
Scale 1/20

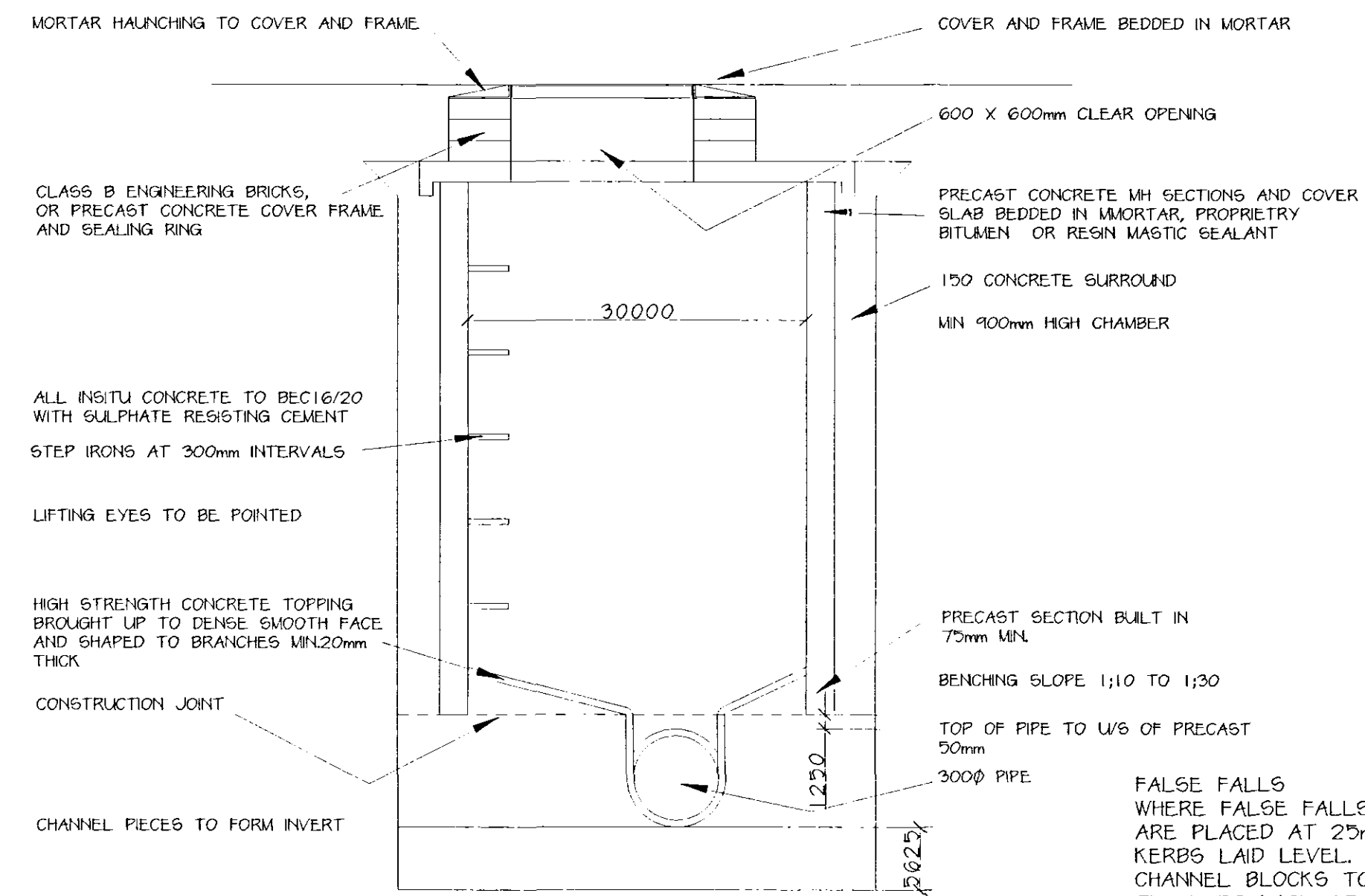
ROAD SECTION THROUGH FOOTPATH & CARRIAGEWAY Scale 1:20

COVER & FRAME UNCOATED IRON TO CLAUSE 5.9.4
MORTAR BED & BENCHING TO CLAUSE 15
BRICK TO BE CLASS B ENGINEERING BRICKS TO BS 3921 (SINGLE COURSE WHERE NECESSARY TO OBTAIN SATISFACTORY FALL), CORBELLED IF NECESSARY. FRAMES TO BE BRICKED ON ALL FOUR SIDES.
INSITU 60/3 CONCRETE.
POSITION OF OUTLET PIPE VARIES IN PLAN
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 (MANOSET 241 OR SIMILAR) SHALL BE USED TO BED COVER AND FRAME
INSITU 60/3 CONCRETE 150mm THICK SURROUND TO OUTLET PIPE FOR FIRST ONE METRE UNDER VERGE OR TOTAL LENGTH IF UNDER CARRIAGE WAY.

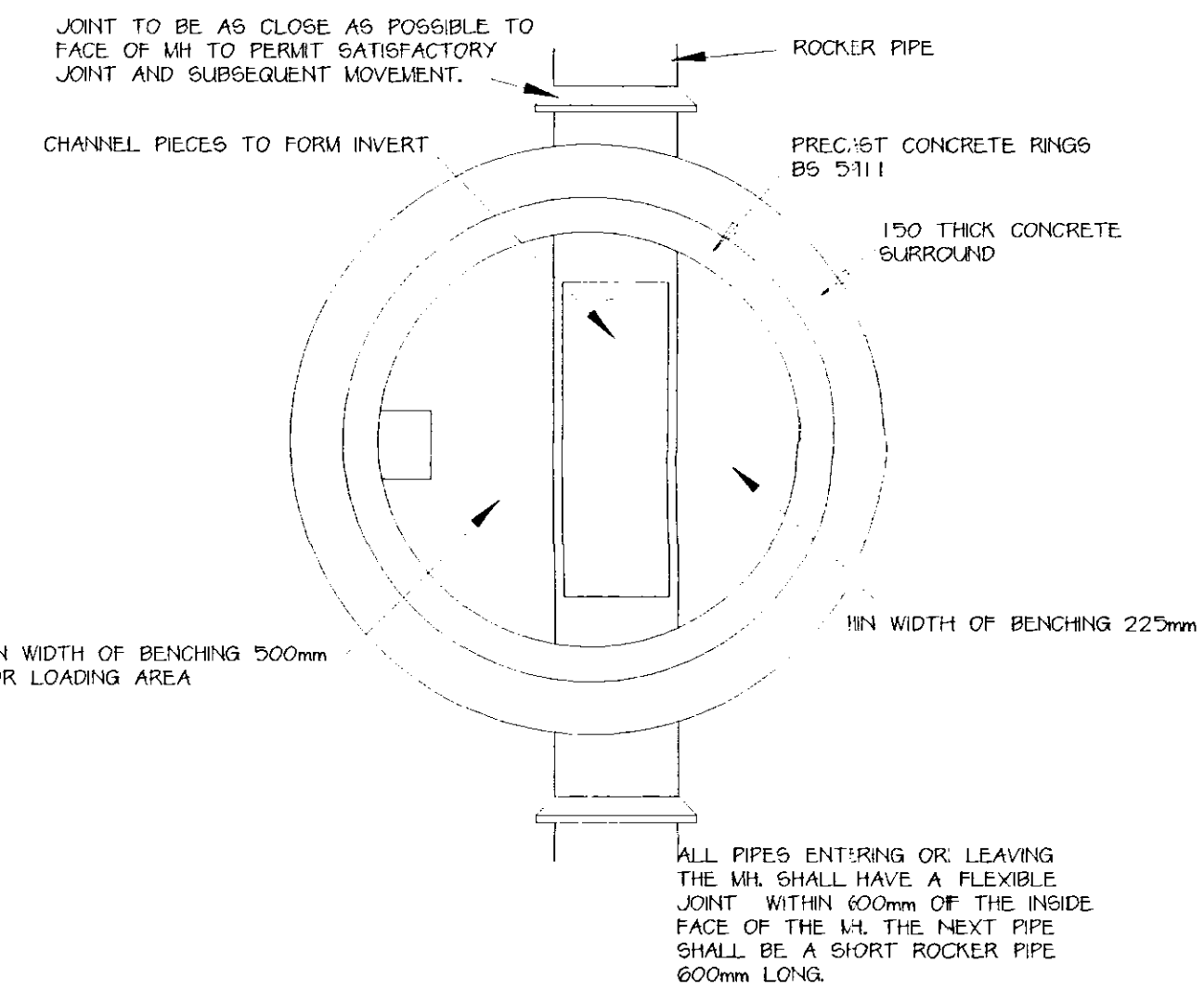


SURFACE WATER MANHOLE SCHEDULE

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



TYPICAL MANHOLE -TYPE B
MAX 3M DEEP



FALSE FALLS
WHERE FALSE 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 1 IN 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.

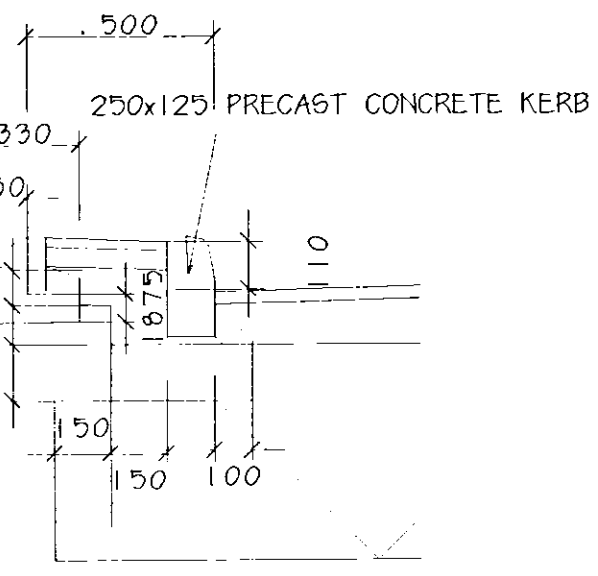
MINIMUM COVER TO SEWERS IN ROAD 380 mm.
ALL 6W SEWERS IN ROAD WITH LESS THAN 1.2m COVER TO BE ENCASED IN 150mm OF CONCRETE, DISCONTINUOUS AT PIPE JOINTS.
150mm FOUL SEWERS TO BE HEPL/LEAVE ESCV. WHERE COVER UNDER CARRIAGEWAYS IS LESS THAN 1200mm, PROTECTION TO BE AS DETAILED (900mm UNDER OPEN GROUND) CLASS 5 BEDDING TO BE GRADED 14-15mm.

NOTES

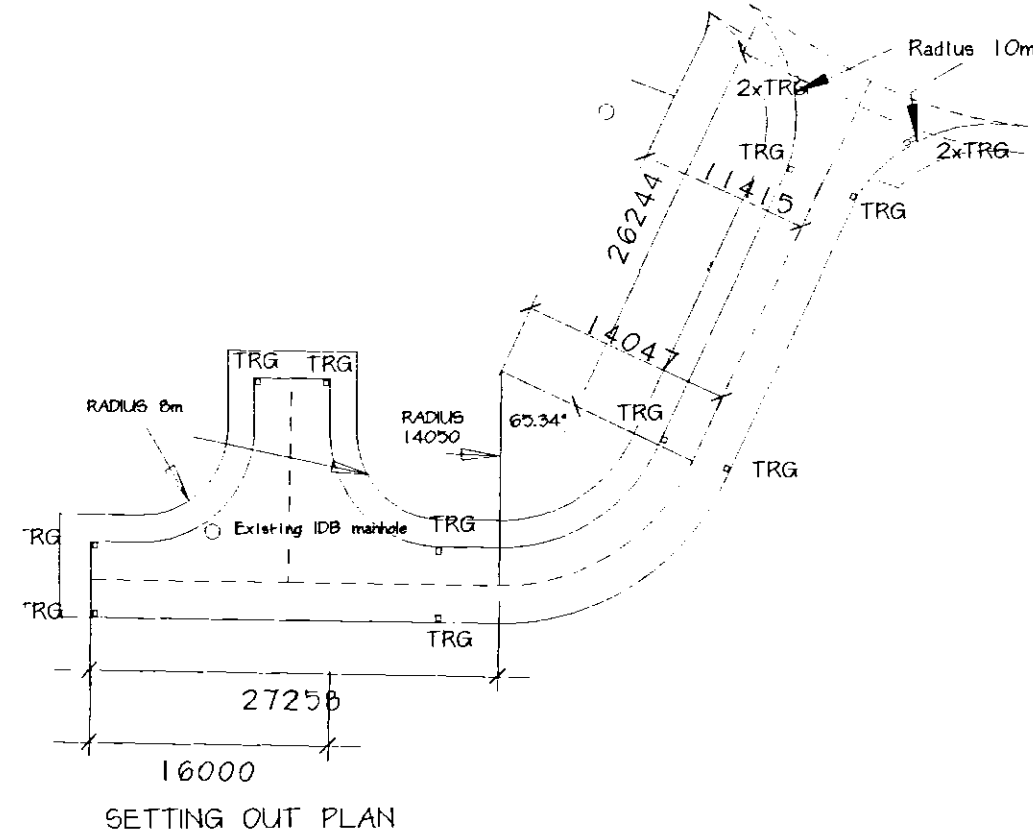
- 150 CONCRETE SURROUND TO PIPES WHERE COVER IS LESS THAN 1200.
- REQUIREMENTS FOR ANY NECESSARY CARRIAGEWAY MARKING & ANY ROAD SIGNS ARE TO BE AGREED ON SITEDURING CONSTRUCTION WITH THE AREA HIGHWAYS MANAGER/OFFICER.
- PRAM CROSSINGS WITH TACTILE PAVING TO BE PROVIDED AT INNER TANGENT POINTS ON MAIN 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 900cm 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.

TYPE G7
TRAPPED PLASTIC ROAD GULLEY
Scale 1:20

60/3 CONCRETE HAUNCHING AND
50x150 PRECAST CONCRETE EDGING
25 of 6 nom dense bit mac wearing course
50 of 20 nom dense bit mac basecourse
100 of type 1 aggregate sub-base

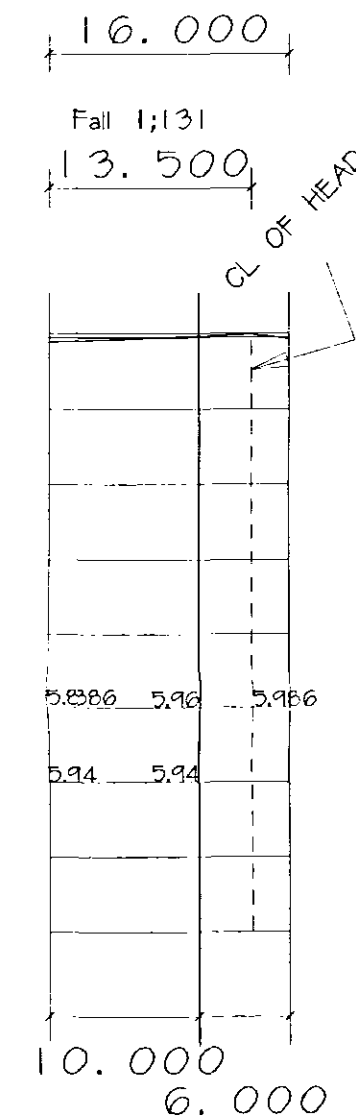


SECTION THRO' 0.5m SERVICE STRIP.
Scale 1/20



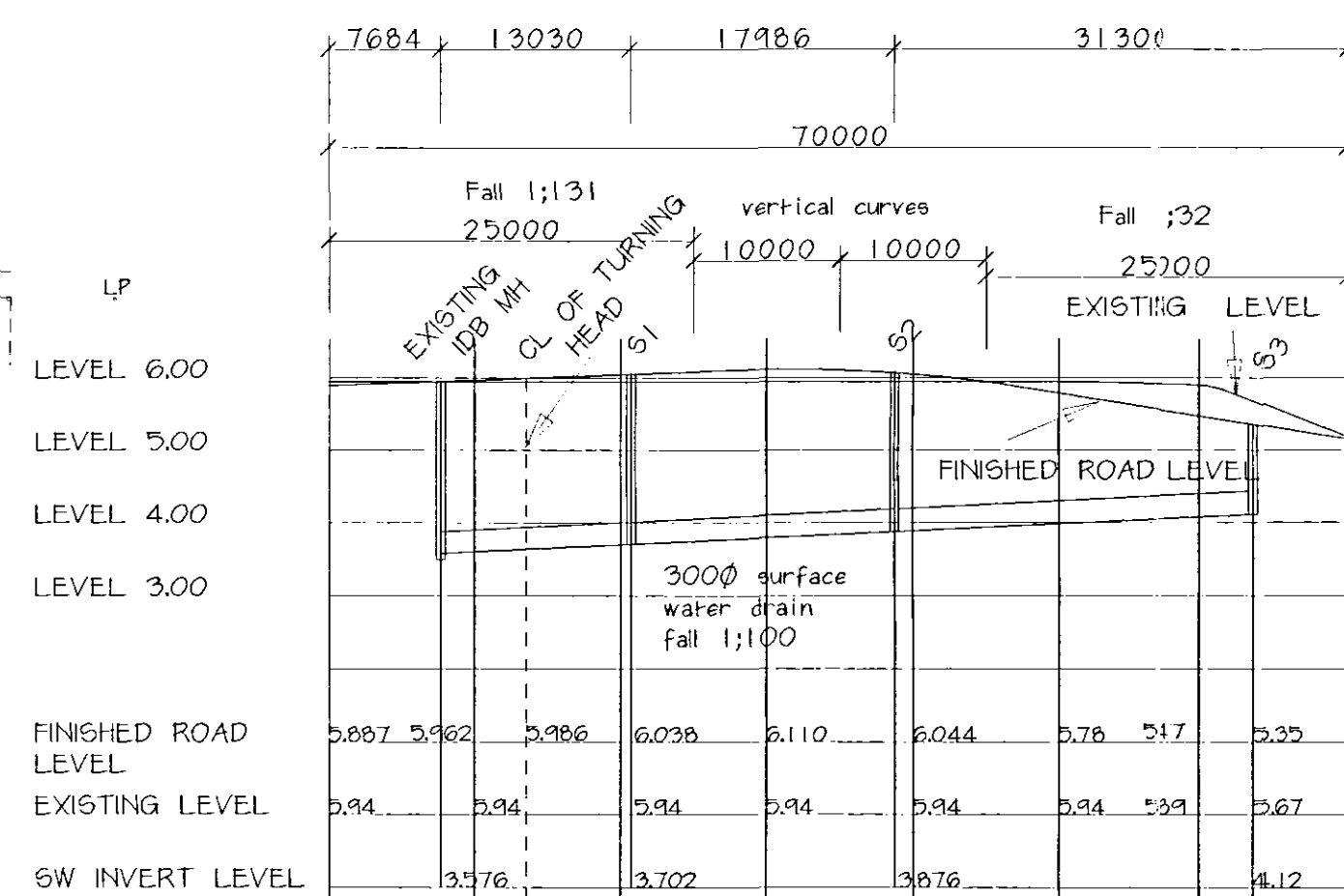
SETTING OUT PLAN

LEVEL 5.00
LEVEL 4.00
LEVEL 3.00
FINISHED ROAD LEVEL
EXISTING LEVEL



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

ROAD GULLIES.
ALL ROAD GULLIES TO BE TYPE G7 TRAPPED PLASTIC AS CLAUSE 5.9 AND DRAWING PAGE 39 OF THE DEVELOPMENT ROAD SPECIFICATION AND CONSTRUCTION 1999.



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

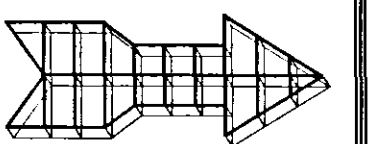
ROAD PLAN
Scale 1:500

ROAD LIGHTING KEY

- 6.4METRE STAINLESS STEEL COLLUM WITH SIDE ENTRY LANTERN TO APP 14/2 SHEET 1 (URBS ZX1 REFRACTOR/70W SON-TIP OR EQUIVALENT) PHOTO CELL SET AT 70 LUX.
- 5 METRE TYPE 3 M10 COLLUM WITH POST TOP LANTERN TO APP 14/2 SHEET 2 (PHILIPS 566252/FG/CR/P5X/42W/FLAT GLASS OR EQUIVALENT) PHOTOCELL SET AT 55 LUX.

NOTE:
THE DEVELOPER IS MADE AWARE OF THE SEVERAL SHW APPENDICES AND CORRESPONDENCE RELATING TO THE ABOVE. THE DEVELOPER SHALL BE RESPONSIBLE FOR GAINING APPROVAL OF THIS LAYOUT FROM NETWORK RAIL

**M. PARKER
& SONS LIMITED**



BUILDERS & CONTRACTORS

ST. JOHNS RD SPALDING Lincs PE11 1JX
FAX. 01775 762171 TEL. 01775 724777

PROPOSED RESIDENTIAL DEVELOPMENT

ST. JOHNS ROAD

SPALDING

ROAD AND SURFACE WATER

SCALES AS NOTED

DRG. NO. SRS ROAD SERVICES DATE 06/06

PLANNING CONDITION 6