

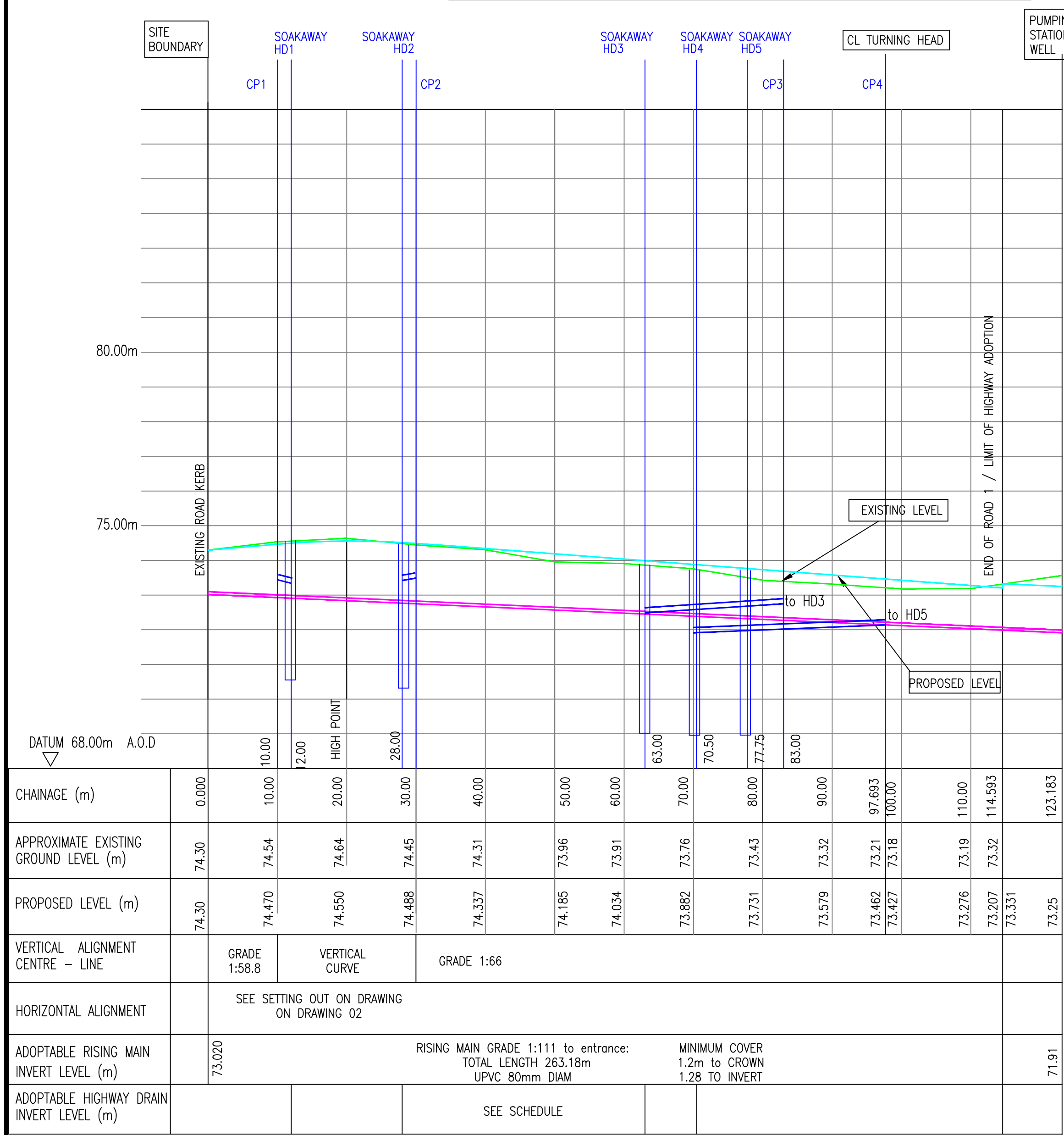
HIGHWAY DRAINAGE SCHEDULE

	ROAD LEVEL (m)	INVERT LEVEL (m)	DEPTH TO INVERT (m)	OVERALL DEPTH(m)	BED LEVEL (m)	INCOMING PIPE (mm)	MANHOLE INTERNAL DIA. (mm)	AREA DRAINED:
HD1	74.450	73.350	1.10	3.90	70.55	225	1200	191m2
HD2	74.520	73.420	1.10	4.20	70.32	225	1500	256m2
HD3	73.990	72.490	1.50	4.90	69.09	225	1800	236m2
HD4	73.870	71.960	1.92	4.91	68.96	225	1500	153m2
HD5	73.765	71.950	1.81	4.42	68.96	225	1500	153m2

ALL SOAKAWAYS TO BE MIN. 0.5m FROM KERB

HIGHWAY CATCHPITS

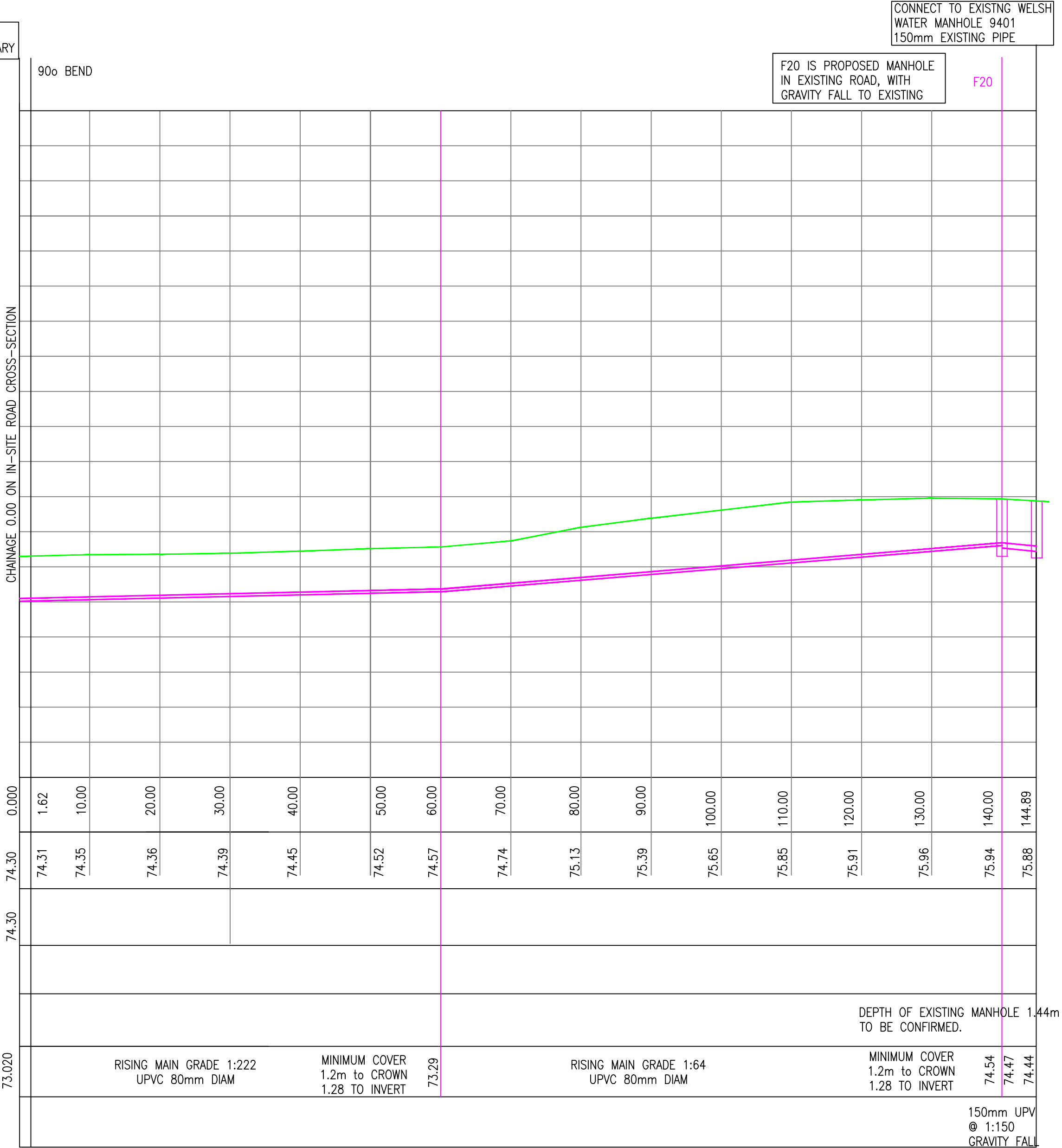
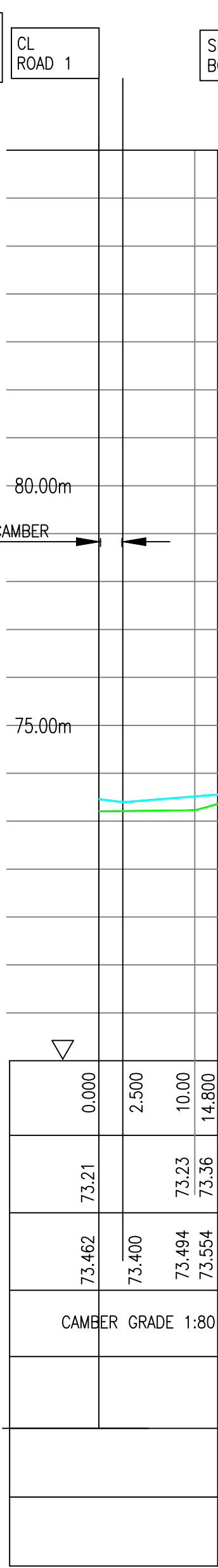
REF	COVER LEVEL(m)	INVERT LEVEL(m)	DEPTH TO MAIN INVERT(m)	PIPE INVERT(m)	PIPE DIAM.(mm)	MANHOLE INTERVAL DIAM.(mm)	COVER TYPE	NOTES
CP1	74.45	73.45	1.00	150 in /	225 out	1200	D400 HEAVY DUTY	
CP2	74.49	73.49	1.00	150 in /	225 out	1200	D400 HEAVY DUTY	
CP3	73.69	72.69	1.00	150 in /	225 out	1200	D400 HEAVY DUTY	
CP4	73.46	72.13	1.33	150 in /	225 out	1200	D400 HEAVY DUTY	



LEVELS ON CENTRE LINE ROAD

SCALE: HORZ:1-500, VERT: 1-100

TURNING HEAD



GENERAL NOTES

STRENGTH & TYPE: ADAPTABLE SEWERS

WATER AUTHORITY: MAIN SEWERS AND LATERALS

1. Sewers for adoption of nominal diameter 300mm or less shall be UPVC TO B.S 4660 and Sewers for Adoption cl. 4.2.21 OR

2. uPVC pipes to be: laid in maximum 3m lengths in accordance with Water Industry Specification cl. 4-35-01 laid by a contractor with British Pipe Group certificate of approval.

BEDDING SCHEDULE

ALL BEDDING TYPE S TO SPECIFICATION FOR WATER INDUSTRY (WRC) 5th EDITION

RIISING MAIN SPECIFICATION:

RIISING MAIN TO BE 80mm DIAMETER UPVC, BLACK COLOUR, TO BE EN 13244.2 AND E2.33 SEWERS FOR ADOPTION ALL BENDS TO BE LONG RADIUS MINIMUM DEPTH TO CROWN TO BE 1.2m HIGH / LOW POINTS TO BE AVOIDED; STRAIGHT RISE TO OUTFALL NON-DEGRADABLE TAPE TO LAD 300mm ABOVE THE TOP OF THE PIPE THRUST BLOCK AT BENDS SHALL BE GEN3 CONCRETE

AIR VALVES REQUIRED IF HIGH POINTS INTRODUCED

PENDING HIGHWAYS and WELSH WATER APPROVAL

PRELIMINARY

E	HD5 ADDED, CP3 MOVED, SCHEDULE	24-06-19	AK	AK
D	SOAKAWAYS AMENDED	11-06-19	AK	AK
C	SOAKAWAYS AMENDED	01-05-19	AK	AK
B	SOAKAWAYS CHANGED, CATCH PITS ADDED	10-11-18	AK	AK
A	OFF-SITE SURVEY LEVELS REVISED	27-9-18	AK	AK
Rev	Description	Date	Drwn	Chkd

KANE DESIGN

Civil Engineering Design

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Gresford
Wrexham
LL12 8HH

Tel: 01 978 855888

Client

M & M DEVELOPMENTS LTD

Project

PROPOSED DEVELOPMENT at FORMER CARAVAN
SITE, OLD WREXHAM ROAD, GRESFORD, WREXHAM

Title

LONGITUDINAL SECTIONS,

DRAWING NUMBER	SCALE	AS NOTED	@ A1
1387/06	DATE	22-06-18	REVISION
	DRAWN	AK	E
	CHECKED	A.K	