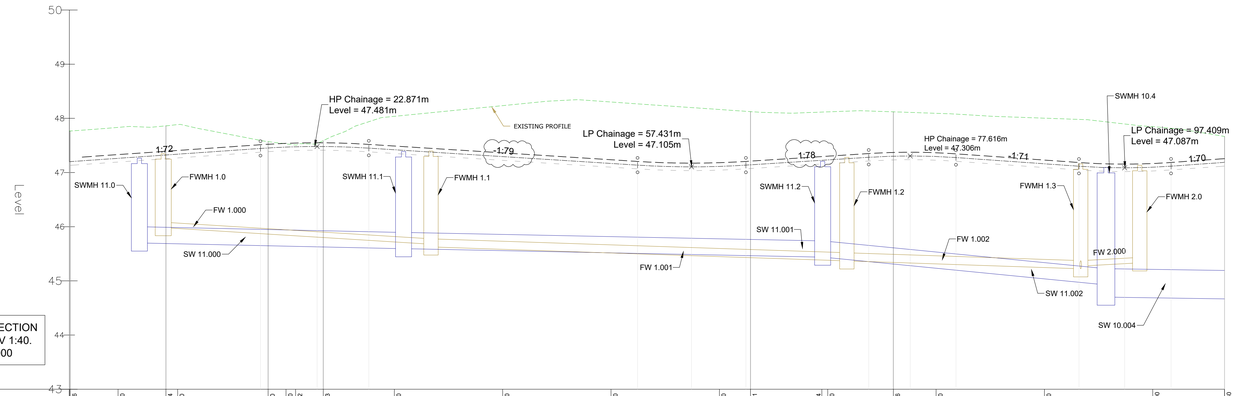
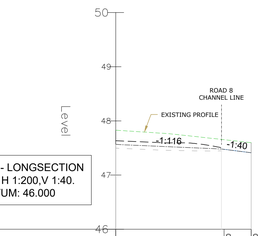


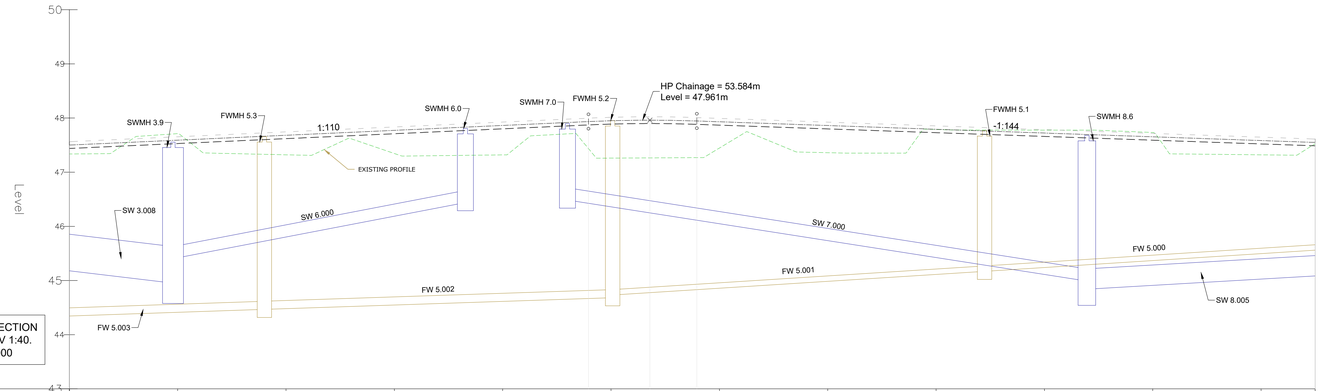
ROAD 8 - LONGSECTION
SCALE: H 1:200,V 1:40.
DATUM: 43.000

CHAINAGE	00	00.086	04.500	08.914	10.000	18.330	20.000	20.892	23.433	30.000	40.000	50.000	60.000	62.871	69.484	70.000	78.056	80.000	90.000	95.003	100.000	106.630
EXISTING LEVELS	47.765				47.864			47.829		48.037			48.164			48.120				47.846		47.866
CENTRELINE LEVELS	47.200	47.201	47.262	47.323	47.339	47.454	47.470	47.475	47.480	47.421	47.294	47.167	47.113	47.142	47.228	47.233	47.302	47.296	47.161	47.098	47.046	47.188
LEFT CHANNEL LEVELS	47.132	47.194	47.255	47.270	47.385	47.401	47.407	47.411	47.332	47.225	47.096	47.044	47.073	47.157	47.164	47.233	47.228	47.092	47.029	47.119
RIGHT CHANNEL LEVELS	47.331	47.392	47.407	47.522	47.538	47.543	47.549	47.489	47.363	47.236	47.182	47.211	47.295	47.302	47.370	47.365	47.230	47.167	47.256
HORIZONTAL GEOMETRY	L=0.09m	R=14.00m L=8.83m	L=9.44m	R=50.00m L=5.08m	L=39.44m	R=50.00m L=13.19m	L=30.57m
VERTICAL GEOMETRY	G=??? L=???m	G=1:72 L=17.65m	R =377.089 K =3.771 L =10.000m	G=-1:79 L=24.80m	R =393.377 K =3.934 L =10.000m	G=1:78 L=11.34m	G=1:70 L=4.94m
SW COVER AND INVERT	CL47.264 IL45.700	CL47.307 IL45.944	CL47.290 IL45.748	CL47.094 IL44.700
SW GRADIENT AND LENGTH	1:232 24.606m	1:247 38.552m	1:51 26.065m	1:336 23.539m
SW PIPE DETAILS	SW 11.000 Generic Pipe St	SW 11.001 Generic Pipe St	SW 11.002 Generic Pipe St	SW 10.004 Generic Pipe St
FW COVER AND INVERT	CL47.347 IL45.984	CL47.396 IL45.696	CL47.279 IL45.369	CL47.159 IL45.223	CL47.153 IL45.333
FW GRADIENT AND LENGTH	1:80 24.576m	1:150 38.514m	1:149 21.683m	1:91 5.446m
FW PIPE DETAILS	FW 1.000 PVC Pipe St	FW 1.001 PVC Pipe St	FW 1.002 PVC Pipe St	FW 2.000 PVC Pipe St



ROAD 8A - LONGSECTION
SCALE: H 1:200,V 1:40.
DATUM: 46.000

CHAINAGE	00	10.000	12.500
EXISTING LEVELS	47.828	47.683	47.598
CENTRELINE LEVELS	47.565	47.474	47.412
LEFT CHANNEL LEVELS	47.496		
RIGHT CHANNEL LEVELS	47.634		
HORIZONTAL GEOMETRY	L=12.50m	
VERTICAL GEOMETRY	G=-1:116 L=9.75m	G=-1:40 L=2.75m



ROAD 9 - LONGSECTION
SCALE: H 1:200,V 1:40.
DATUM: 43.000

CHAINAGE	00	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	114.988
EXISTING LEVELS	47.337	47.712	47.321	47.346	47.320	47.260	47.446	47.361	47.789	47.778	47.734	47.321	47.526
CENTRELINE LEVELS	47.501	47.582	47.682	47.773	47.864	47.951	47.932	47.862	47.793	47.723	47.654	47.366	47.500
LEFT CHANNEL LEVELS	47.564	47.654	47.745	47.835	47.926	48.013	47.994	47.925	47.855	47.786	47.717	47.647	47.613
RIGHT CHANNEL LEVELS	47.439	47.529	47.620	47.710	47.801	47.888	47.869	47.800	47.730	47.661	47.592	47.522	47.488
HORIZONTAL GEOMETRY	L=114.99m
VERTICAL GEOMETRY	G=1:110 L=47.92m	R =624.840 K =6.248 L =10.000m	G=-1:144 L=57.07m	G=1:1 L=0.07m
SW COVER AND INVERT	CL47.556 IL44.728	CL47.626 IL46.439	CL47.896 IL46.486	CL47.660 IL44.691
SW GRADIENT AND LENGTH	1:42 20.463m	1:26 26.988m	1:32 47.939m	1:86 32.599m
SW PIPE DETAILS	SW 3.008 Generic Pipe St	SW 6.000 Generic Pipe St	SW 7.000 Generic Pipe St	SW 8.005 Generic Pipe St
FW COVER AND INVERT	CL47.657 IL44.468	CL47.555 IL44.665	CL47.767 IL45.170
FW GRADIENT AND LENGTH	1:148 30.257m	1:149 32.142m	1:79 34.308m	1:78 38.230m
FW PIPE DETAILS	FW 5.003 PVC Pipe St	FW 5.002 PVC Pipe St	FW 5.001 PVC Pipe St	FW 5.000 PVC Pipe St

NOTES

1. DO NOT SCALE FROM THIS DRAWING MANUALLY OR ELECTRONICALLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT INFORMATION.
3. ALL DATUM LEVELS ARE IN METRES AND DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015
DESIGNERS HAZARD INFORMATION

- IF YOU DO NOT FULLY UNDERSTAND THE RISKS INVOLVED DURING THE CONSTRUCTION OF THE ITEMS INDICATED ON THIS DRAWING ASK YOUR MANAGER, HEALTH & SAFETY ADVISOR OR A MEMBER OF THE DESIGN TEAM BEFORE PROCEEDING.
- SERVICES TO BE LOCATED
- MANUAL LIFTING/ HANDLING
- HOT MATERIAL WORKING
- CUTTING/ DUST
- LIVE SEWER FLOWS/ LEPTOSPIROSIS
- DEEP EXCAVATIONS, COLLAPSE/ FALLING

ALL WORKS TO BE CARRIED OUT BY SUITABLY TRAINED OPERATIVES PROVIDED WITH CORRECT PPE.

THE ABOVE NOTES REFER SPECIFICALLY TO THE INFORMATION SHOWN ON THIS DRAWING.
REFER TO THE HEALTH AND SAFETY PLAN FOR FURTHER INFORMATION.

SETTING OUT NOTE:
THE DRAWING HAS BEEN REPOSITIONED FROM A LOCAL GRID TO ORDNANCE SURVEY COORDINATES USING SETTING OUT DATA PROVIDED BY OTHERS (ASC.22.787A - PARCEL 13. BY URBAN & CIVIC)

THESE COORDINATES HAVE NOT BEEN INDEPENDENTLY CHECKED OR VERIFIED. SWECO ACCEPTS NO LIABILITY FOR THE ACCURACY OF THE SETTING OUT INFORMATION AND ANY RELIANCE PLACED UPON IT. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SETTING OUT INFORMATION PRIOR TO COMMENCEMENT OF WORKS.

ALL WORKS TO PUBLIC SEWERS TO BE TO THE REQUIREMENTS, SATISFACTION AND APPROVAL OF IWNL

SURFACE WATER OUTFALLS & WATERCOURSE WORKS SUBJECT TO LLFA APPROVAL

ALL HIGHWAYS WORKS TO BE TO THE REQUIREMENTS, SATISFACTION AND APPROVAL OF CAMBRIDGESHIRE COUNTY COUNCIL HIGHWAYS

CONTRACTOR TO LOCATE AND INCORPORATE POSITION OF UTILITIES INTO WORKS PLAN AND RAMS AND CARRY OUT THE NECESSARY LIAISON WITH ASSET OWNERS BEFORE COMMENCING WORKS

PRIVATE CONNECTIONS TO THE ADOPTABLE SEWERS ARE TO BE MINIMUM 100mm DIA. AND LAID SOFFIT TO SOFFIT

NO PLANTING WITHIN 3m OF ANY ADOPTABLE SEWER. ANY PLANTING BETWEEN 3m-6m TO HAVE ROOT PROTECTION TO IWNL REQUIREMENTS / APPROVAL

Rev	Date	Amendment Details	Dr'n	Chk'	App'
P04	07.10.2026	UPDATED TO SUIT HIGHWAY COMMENTS	DM	DM	JB
P03	23.09.2026	GRADIENT AMENDED, WHERE CLOUDED	DM	DM	JB
P02	30.06.2026	UPDATED TO SUIT LATEST SITE LAYOUT RECEIVED ON 19.06.2026.	DM	DM	JB
P01	15.05.2026	FIRST ISSUE	DM	DM	JB

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Client
DENBURY HOMES

Project Title
ALCONBURY WEALD
PARCEL 13

Drawing Title
HIGHWAY
LONGITUDINAL SECTIONS
SHEET 5

Purpose Of Issue
PRELIMINARY

Status	Status Description		
S0	INITIAL STATUS OR WIP		
Drawn	Designed	Checked	Approved
DM	DM	JB	JB
Sheet Size	Scale	Sweco Ref	Revision
A0	AS SHOWN	65218147	P04

Drawing Number
ALC-SWE-XX-XX-D-C-00339