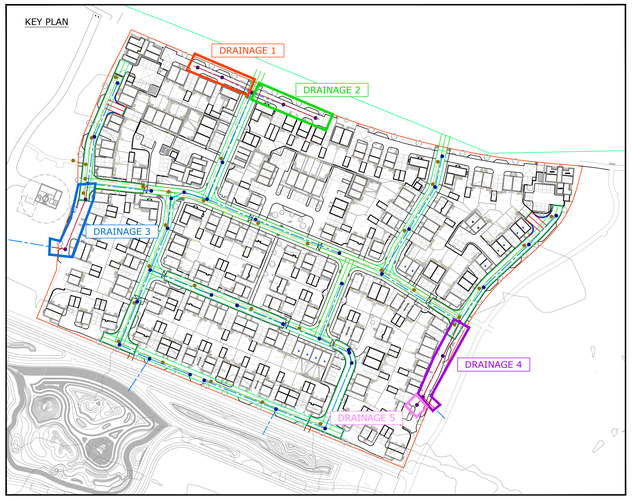
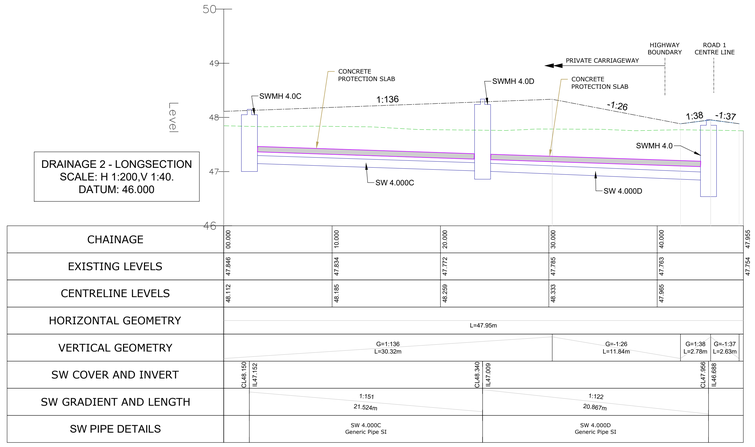


DRAINAGE 1 - LONGSECTION
SCALE: H 1:200,V 1:40.
DATUM: 46.000

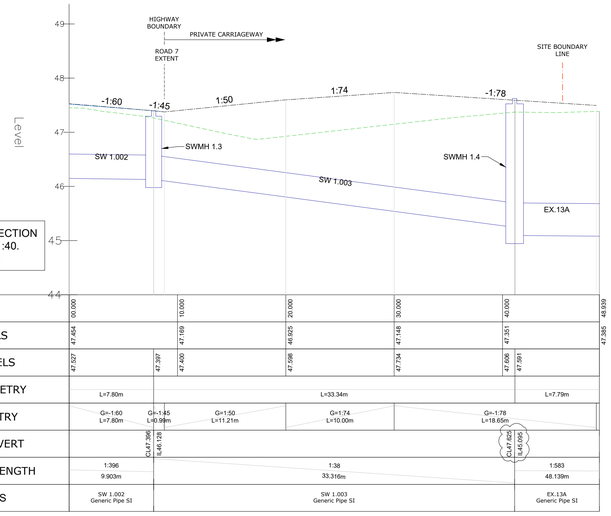
CHAINAGE	00.000	10.000	20.000	30.000	40.000 41.697
EXISTING LEVELS	47.665	47.990	47.786	47.738	47.761 47.767
CENTRELINE LEVELS	47.962	48.064	48.106	48.110	47.938 47.896
HORIZONTAL GEOMETRY	L=41.70m				
VERTICAL GEOMETRY	G=1:98 L=26.64m		G=-1:29 L=10.06m		G=1:42 L=2.79m G=-1:42 L=2.27m
SW COVER AND INVERT	CL48.140 IL47.117		CL48.265 IL47.008		CL47.806 IL46.688
SW GRADIENT AND LENGTH	1:150 16.375m		1:122 20.696m		
SW PIPE DETAILS	SW 4.000A Generic Pipe SI		SW 4.000B Generic Pipe SI		





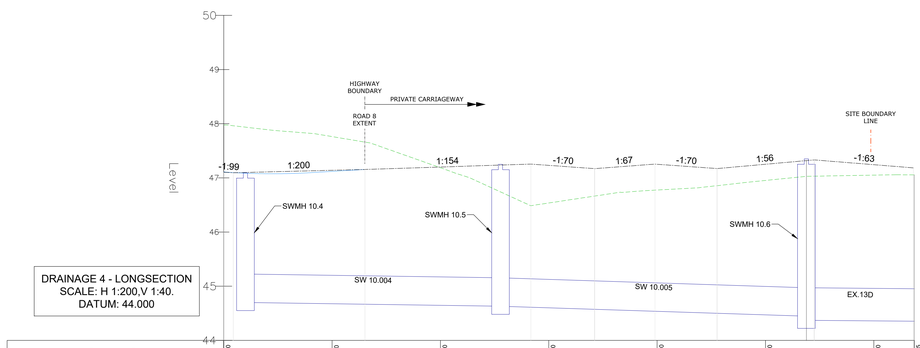
DRAINAGE 2 - LONGSECTION
SCALE: H 1:200,V 1:40.
DATUM: 46.000

CHAINAGE	00.000	10.000	20.000	30.000	40.000 47.955
EXISTING LEVELS	47.846	47.834	47.772	47.785	47.783 47.754
CENTRELINE LEVELS	48.112	48.185	48.256	48.333	47.960
HORIZONTAL GEOMETRY	L=47.95m				
VERTICAL GEOMETRY	G=1:136 L=30.32m			G=-1:26 L=11.84m	G=1:38 L=2.78m G=-1:37 L=2.83m
SW COVER AND INVERT	CL48.155 IL47.152		CL48.340 IL47.059		CL47.856 IL46.688
SW GRADIENT AND LENGTH	1:151 21.524m		1:122 20.867m		
SW PIPE DETAILS	SW 4.000C Generic Pipe SI		SW 4.000D Generic Pipe SI		



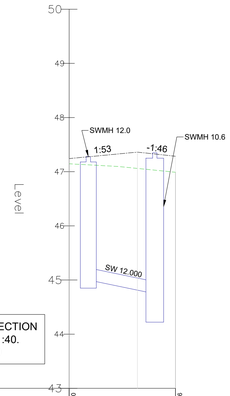
DRAINAGE 3 - LONGSECTION
SCALE: H 1:200,V 1:40.
DATUM: 44.000

CHAINAGE	00.000		10.000	20.000	30.000	40.000 48.939
EXISTING LEVELS	47.454		47.160	46.925	47.148	47.351 42.385
CENTRELINE LEVELS	47.527	47.397	47.400	47.596	47.734	47.606 47.991
HORIZONTAL GEOMETRY	L=7.80m		L=33.34m			L=7.79m
VERTICAL GEOMETRY	G=-1:60 L=7.80m	G=-1:45 L=0.99m	G=1:50 L=11.21m	G=1:74 L=10.00m	G=-1:78 L=18.65m	
SW COVER AND INVERT		CL47.396 IL46.078			CL47.702 IL45.095	
SW GRADIENT AND LENGTH	1:396 9.903m		1:38 33.316m		1:583 48.139m	
SW PIPE DETAILS	SW 1.002 Generic Pipe SI		SW 1.003 Generic Pipe SI		EX.13A Generic Pipe SI	



DRAINAGE 4 - LONGSECTION
SCALE: H 1:200,V 1:40.
DATUM: 44.000

CHAINAGE	00.000	10.000	20.000	30.000	40.000	50.000	60.000 63.725
EXISTING LEVELS	47.977	47.782	47.187	46.536	46.776	46.802	47.051 47.055
CENTRELINE LEVELS	47.103	47.140	47.200	47.231	47.251	47.251	47.319 47.243
HORIZONTAL GEOMETRY	L=53.78m						L=9.95m
VERTICAL GEOMETRY	G=-1:99 L=0.88m	G=1:200 L=12.15m	G=1:154 L=15.31m	G=-1:70 L=5.89m	G=1:67 L=5.57m	G=-1:70 L=5.73m	G=1:56 L=8.96m G=-1:63 L=9.15m
SW COVER AND INVERT	CL47.094 IL44.700		CL47.250 IL44.630				CL47.350 IL44.371
SW GRADIENT AND LENGTH	1:336 23.539m		1:153 28.236m				1:573 18.895m
SW PIPE DETAILS	SW 10.004 Generic Pipe SI		SW 10.005 Generic Pipe SI				EX.13D Generic Pipe SI



DRAINAGE 5 - LONGSECTION
SCALE: H 1:200,V 1:40.
DATUM: 43.000

CHAINAGE	00.000		09.816
EXISTING LEVELS	47.146		46.989
CENTRELINE LEVELS	47.241		
HORIZONTAL GEOMETRY	L=9.82m		
VERTICAL GEOMETRY	G=1:53 L=6.30m	G=-1:46 L=3.51m	
SW COVER AND INVERT	CL47.280 IL45.000		CL47.350 IL45.071
SW GRADIENT AND LENGTH	1:24 6.133m		
SW PIPE DETAILS	SW 12.000 Generic Pipe SI		

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	02.10.2026	SWMH 1.4 INVERT LEVEL AMENDED	DM	DM	JB
P03	24.09.2026	NORTHERN STRATEGIC JUNCTION TIE-IN (HORIZONTAL & VERTICAL) REDESIGNED TO SUIT AS-BUILT SURVEY	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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SWECO

Client
DENBURY HOMES

Project Title
ALCONBURY WEALD
PARCEL 13

Drawing Title
HIGHWAY
LONGITUDINAL SECTIONS
SHEET 8 - DRAINAGE

Purpose Of Issue
PRELIMINARY

Status: S0 — Status Description: 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-00342