

DRAWING LEGEND	
SURFACE WATER DRAINAGE	
	ADOPTABLE PCC RING MANHOLE
	ADOPTABLE SURFACE WATER SEWER
	450x900 ROAD GULLY AND LEAD
	PCC SOAKWAY
	4500 INSPECTION CHAMBER CP DENOTES CATCHPIT
	RODDING EYE
	SURFACE WATER SEWER
	RAINWATER PIPE
	YARD GULLY
	ACO M1000 LINEAR CHANNEL
FOUL WATER DRAINAGE	
	ADOPTABLE PCC MANHOLE
	ADOPTABLE FOUL WATER SEWER
	4500 INSPECTION CHAMBER
	FOUL WATER SEWER
	DRAINAGE POINT
	BACK INLET GULLY
ANCILLIARIES	
	EXISTING LEVELS
	PROPOSED LEVELS
	RETAINING WALL GB DENOTES GRAVEL BOARD
	RAISED DPC

### FOUL WATER MANHOLE SCHEDULES

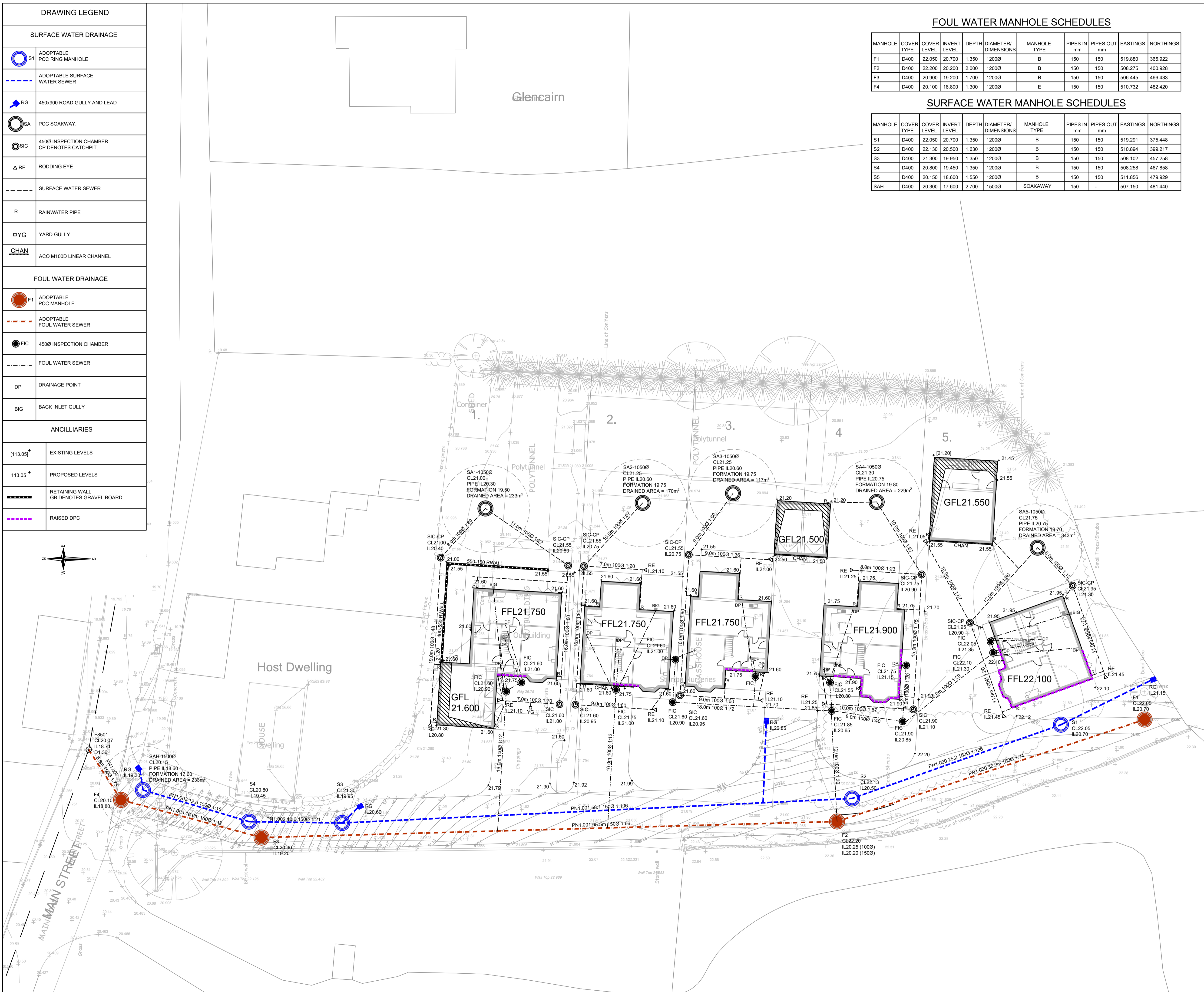
MANHOLE	COVER TYPE	COVER LEVEL	INVERT LEVEL	DEPTH	DIAMETER/DIMENSIONS	MANHOLE TYPE	PIPES IN mm	PIPES OUT mm	EASTINGS	NORTHINGS
F1	D400	22.050	20.700	1.350	1200Ø	B	150	150	519.880	365.922
F2	D400	22.200	20.200	2.000	1200Ø	B	150	150	508.275	400.928
F3	D400	20.900	19.200	1.700	1200Ø	B	150	150	506.445	466.433
F4	D400	20.100	18.800	1.300	1200Ø	E	150	150	510.732	482.420

### SURFACE WATER MANHOLE SCHEDULES

MANHOLE	COVER TYPE	COVER LEVEL	INVERT LEVEL	DEPTH	DIAMETER/DIMENSIONS	MANHOLE TYPE	PIPES IN mm	PIPES OUT mm	EASTINGS	NORTHINGS
S1	D400	22.050	20.700	1.350	1200Ø	B	150	150	519.291	375.448
S2	D400	22.130	20.500	1.630	1200Ø	B	150	150	510.894	399.217
S3	D400	21.300	19.950	1.350	1200Ø	B	150	150	508.102	457.258
S4	D400	20.800	19.450	1.350	1200Ø	B	150	150	508.258	467.858
S5	D400	20.150	18.600	1.550	1200Ø	B	150	150	511.856	479.929
SAH	D400	20.300	17.600	2.700	1500Ø	SOAKAWAY	150	-	507.150	481.440

NOTES  
 CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK ON SHOP DRAWINGS  
 DO NOT SCALE FROM THIS DRAWING  
 RCD CONSULTANTS LTD COPYRIGHT

- NOTES
- ALL DIMENSIONS IN MILLIMETERS UNLESS NOTED OTHERWISE.
  - THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING DRAWINGS AND CALCULATIONS ASSOCIATED WITH THIS PROJECT.
  - ALL BUILDING DRAINAGE TO BE INSTALLED AND TESTED IN COMPLIANCE WITH THE BUILDING REGULATIONS 2000 DRAINAGE AND WASTE DISPOSAL APPROVED DOCUMENT H 2002 EDITION.
  - ALL COMPONENTS AND MATERIALS ARE TO BE MANUFACTURED AND SUPPLIED IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARDS, AND LAID AND BACKFILLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND THE RELEVANT BRITISH STANDARDS.
  - THE CONTRACTOR SHALL, BEFORE COMMENCING THE WORKS, VERIFY ALL SITE AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUE AND PROPER SETTING OUT OF THE WORKS AND FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
  - SMALL LIGHTWEIGHT ACCESS COVERS SHOULD BE SECURED (FOR EXAMPLE WITH SCREWS) TO DETER UNAUTHORISED ACCESS.
  - ALL ABOVE GROUND DRAINAGE TO INCORPORATE RODDING ACCESS FACILITIES.
  - INSITU CONCRETE FOR USE IN GENERAL DRAINAGE WORKS, GRADE TO BS: 5328.
  - FOR INTERNAL DRAINAGE POSITIONS REFER TO ARCHITECT'S CURRENT WORKING DRAWINGS.
  - FOR LANDSCAPING SURFACE MATERIAL FINISHES REFER TO ARCHITECT'S CURRENT WORKING DRAWINGS.
  - ALL PIPES TO BE 100mm DIAMETER UNLESS NOTED OTHERWISE.
  - THE CONTRACTOR/CLIENT IS RESPONSIBLE FOR MAKING THE SECTION 106 SEWER CONNECTION APPLICATION TO ANGLIAN WATER SERVICES LTD.
  - ALL ADOPTABLE DRAINAGE WORKS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH SEWERS FOR ADOPTION 6TH EDITION AND TO THE SATISFACTION OF ANGLIAN WATER SERVICES LTD.
  - THE SOAKWAYS HAVE BEEN SIZED IN ACCORDANCE WITH THE SOAKAGE TEST RESULTS COMPLETED BY HUMBERSIDE MATERIALS LABORATORY LTD REF-0014720/P GIVING A VERY GOOD RESULT OF 1.4x10-3m/s.
  - THE INVERT LEVEL OF THE EXISTING PUBLIC FOUL SEWER AT THE CONNECTION POINT IS TO BE CONFIRMED TO THE ENGINEER PRIOR TO ANY CONSTRUCTION COMMENCING ON SITE.



P1	PRELIMINARY ISSUE	07.06.19	MGC
REV	AMENDMENT	DATE	CHKD

DRAWING STATUS: PRELIMINARY

# RCD

RCD CONSULTANTS LTD  
 9 BIRCH TREE WAY, MAIDSTONE, KENT, ME15 7RP  
 MOBILE: 07702 052 137  
 EMAIL: ray@rcd-uk.com

CLIENT  
 RD4217

PROJECT  
 PROPOSED RESIDENTIAL DEVELOPMENT  
 MAIN STREET  
 SCAWBAY

DRAWING TITLE  
 ENGINEERING LAYOUT

# CIVILS

SCALE	DRAWN BY	CHECKED	DATE
1:200 @ A1 1:400 @ A3	RAC	MGC	JUN 2019

DRAWING NUMBER	REVISION
1115-1159-CIV-10	P1