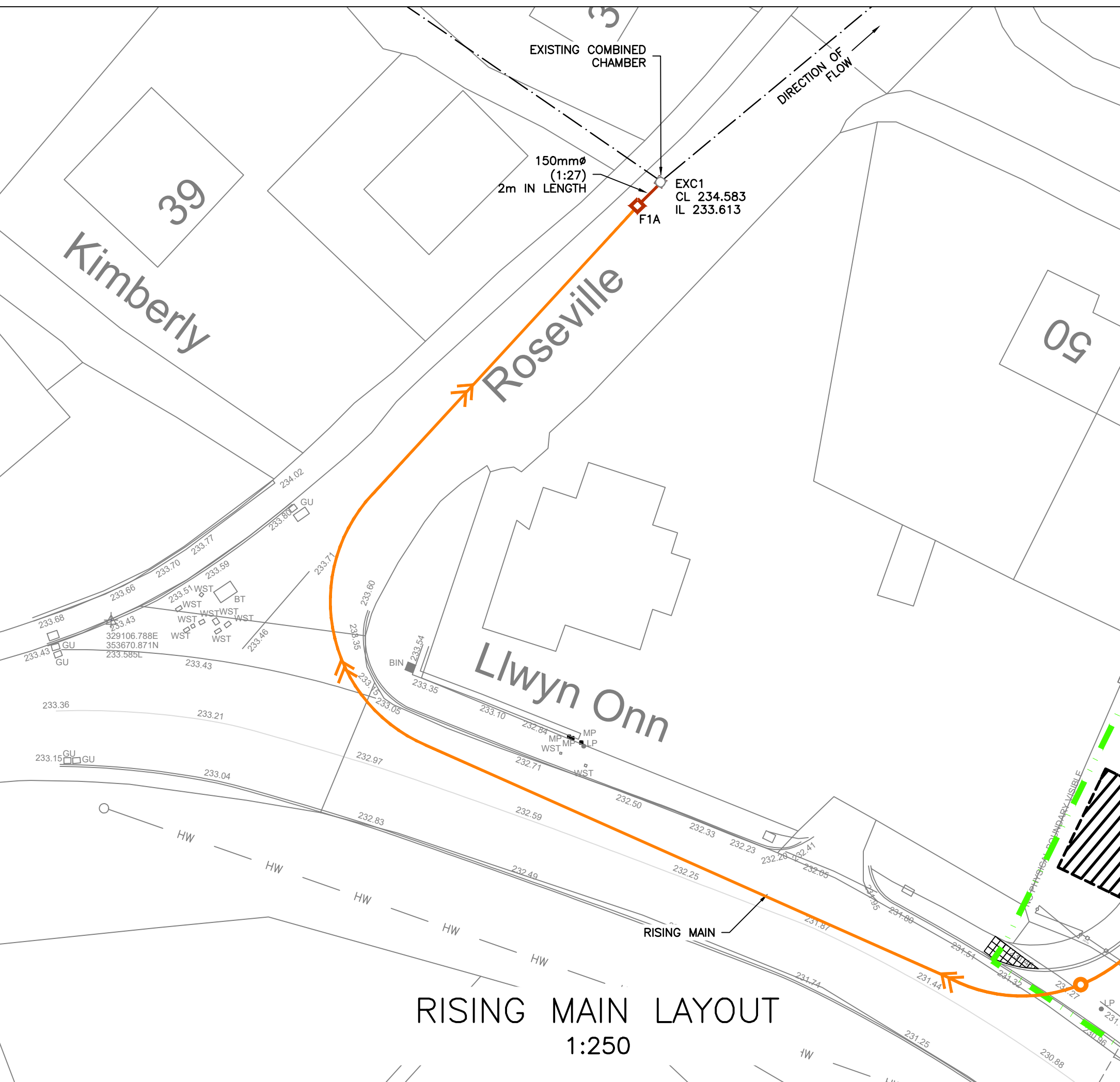
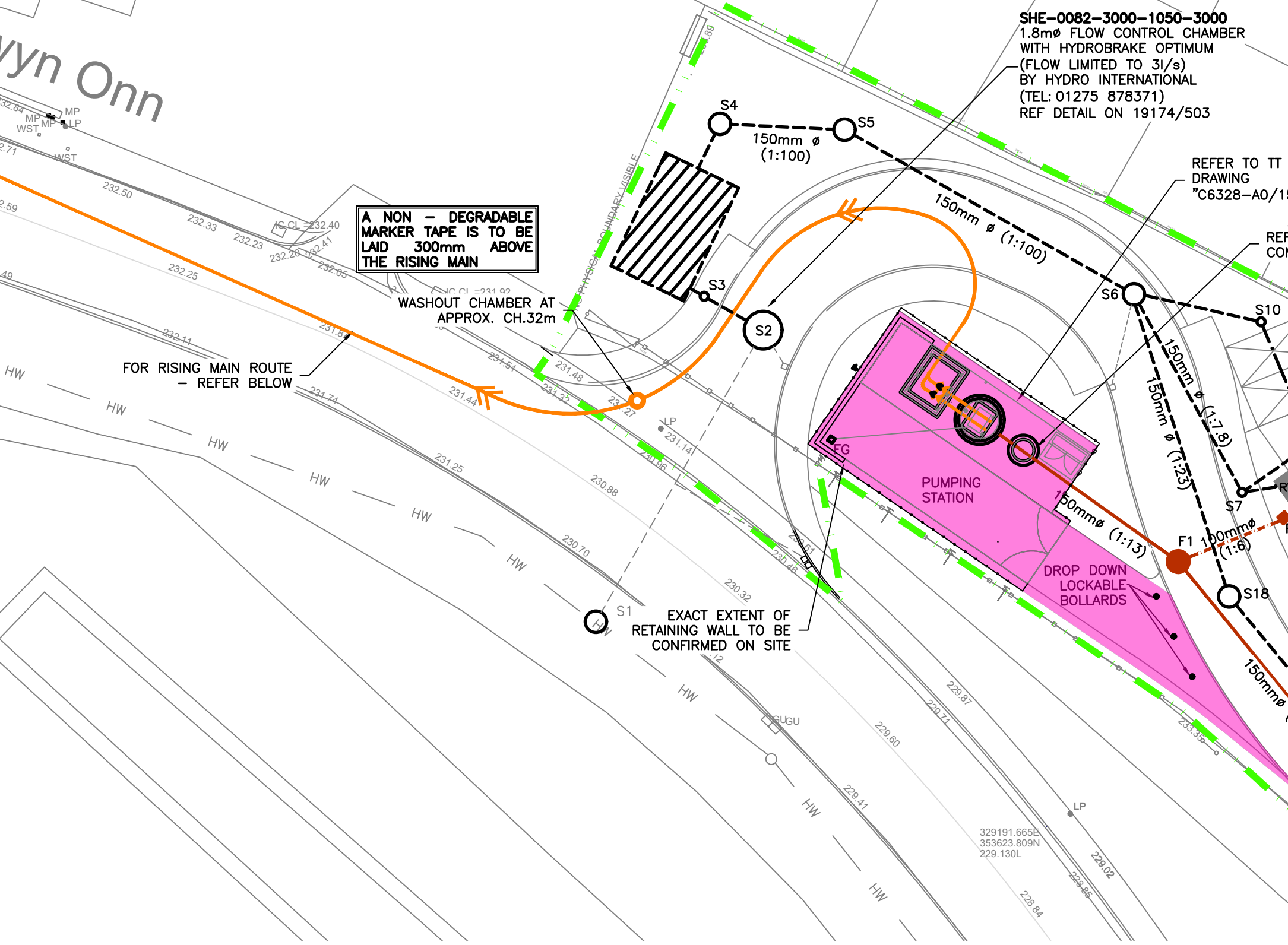
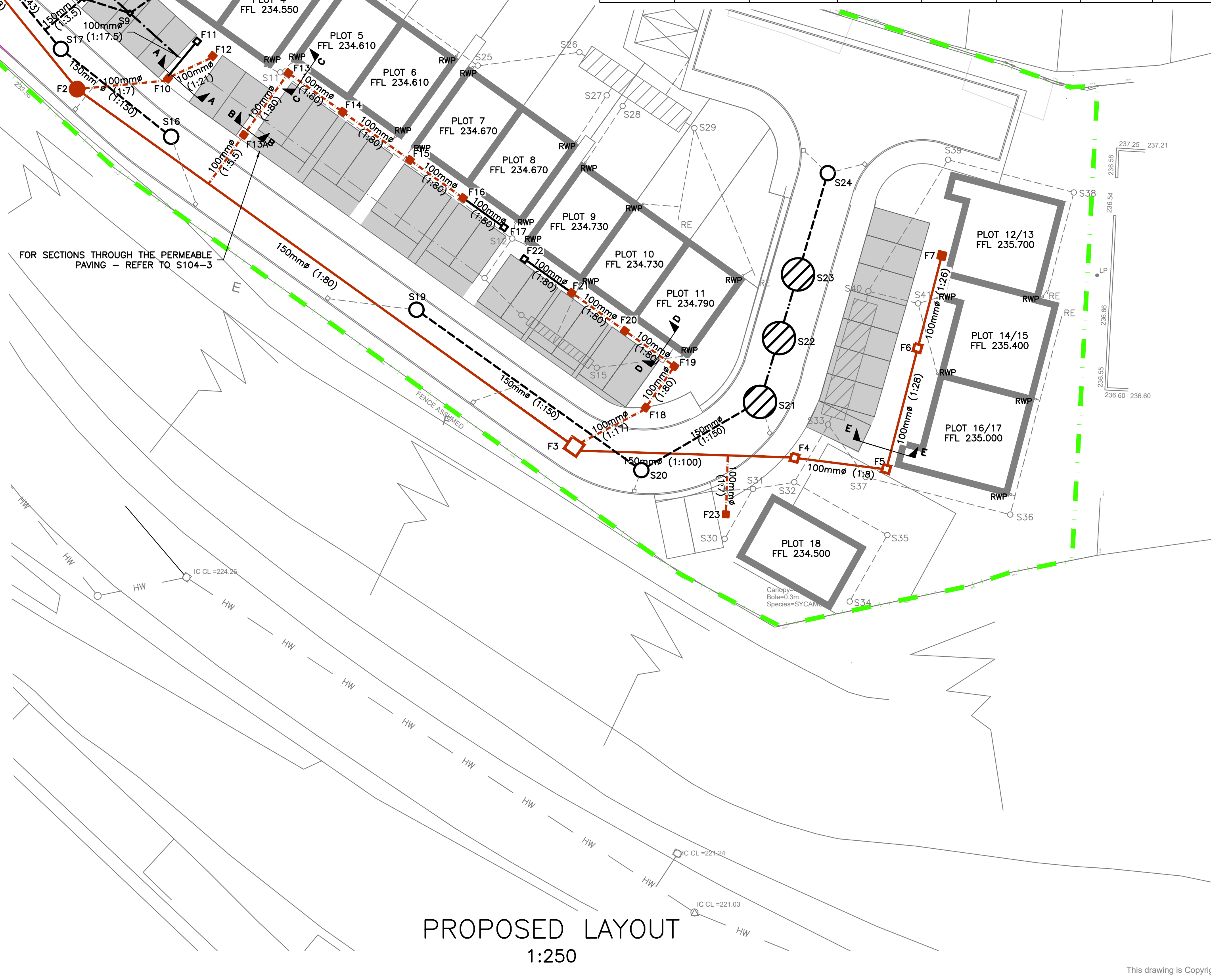




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1:250



18303/S104-1
1:250

PROPOSED MANHOLE SCHEDULE							
MANHOLE REFERENCE	COVER LEVEL	INVERT LEVEL	CHAMBER TYPE	COVER TYPE	CHAMBER SIZE	CHAMBER DEPTH	DOWNSIDE PIPE SIZE
FOUL WATER							
EXC1	234.583	OUT 233.613 F1A IN 233.663	EXISTING	EXISTING	EXISTING	0.970m	EXISTING 150
F1A	234.575	OUT 233.690 V1 IN 233.750	TYPE 3 (RIGID)	D400	1200 Ø	0.885m	150
PUMP COMPOUND							
REFER TO TT PUMPS DRAWING "C6328-A0/15546-1"							
F1	233.200	OUT 233.725 F8 IN 231.775	TYPE 2	D400	1200 Ø	1.475m	150
F2	233.850	OUT 232.350 F10 IN 232.400	TYPE 2	D400	1200 Ø	1.500m	150
F3	234.300	OUT 232.990 F18 IN 233.040	TYPE 3 (RIGID)	D400	1200 Ø	1.310m	150
F4	234.600	OUT 233.175 F5 IN 233.225	TYPE 3	B125	460 Ø	1.425m	150
F5	234.900	OUT 234.225 F6 IN 234.300	TYPE 3	B125	460 Ø	0.675m	100
F6	235.200	OUT 234.600	TYPE 3	B125	460 Ø	0.600m	100
F7	235.500	OUT 234.900	TYPE 4	B125	460 Ø	0.600m	100
F8	233.750	OUT 232.915	TYPE 4	B125	460 Ø	0.835m	100
F9	234.250	OUT 233.465	TYPE 4	B125	460 Ø	0.785m	100
F10	234.200	OUT 233.525 IN 233.600	TYPE 4	C250	460 Ø	0.675m	100
F11	234.400	OUT 233.800	TYPE 4	C250	460 Ø	0.600m	100
F12	234.400	OUT 233.800	TYPE 4	C250	460 Ø	0.600m	100
F13	234.460	OUT 233.560 IN 233.635	TYPE 4	C250	460 Ø	0.900m	100
F13A	234.340	OUT 233.480	TYPE 4	C250	460 Ø	0.860m	100
F14	234.460	OUT 233.705	TYPE 4	C250	460 Ø	0.755m	100
F15	234.520	OUT 233.795	TYPE 4	C250	460 Ø	0.725m	100
F16	234.520	OUT 233.865	TYPE 4	C250	460 Ø	0.655m	100
F17	234.520	OUT 233.920	TYPE 4	C250	460 Ø	0.600m	100
F18	234.600	OUT 233.575 IN 233.650	TYPE 4	C250	460 Ø	1.025m	100
F19	234.650	OUT 233.705 IN 233.780	TYPE 4	C250	460 Ø	0.945m	100
F20	234.610	OUT 233.845	TYPE 4	C250	460 Ø	0.765m	100
F21	234.580	OUT 233.915	TYPE 4	C250	460 Ø	0.665m	100
F22	234.580	OUT 233.980	TYPE 4	C250	460 Ø	0.600m	100
F23	234.510	OUT 233.910	TYPE 4	C250	460 Ø	0.600m	100

- NOTES
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEER'S AND OTHER SPECIALISTS' DRAWINGS.
 - PLEASE REFER TO ARCHITECTS DRAWINGS FOR FINAL BUILDING LOCATION
 - REFER TO DATRYS DRAWING 18303/502, 503 & 504 FOR DRAINAGE DETAILS.
 - REFER TO DATRYS DRAWING 18303/S104-2 FOR FOUL & RISING MAIN LONGSECTIONS.
 - ALL DRAINAGE COMPONENTS ARE TO COMPLY WITH CURRENT BRITISH STANDARDS & BUILDING REGULATIONS REQUIREMENTS
 - AT ALL OUTFALL POINTS TO AN EXISTING NETWORK, THE POSITION AND INVERT LEVEL OF EXISTING DRAINS MUST BE CONFIRMED WELL IN ADVANCE OF THE PROGRAMMED DATE FOR INSTALLING ANY OF THE UPSTREAM DRAINAGE, OR ORDERING ANY MATERIALS IN ORDER TO ALLOW TIME FOR ANY NECESSARY REVISIONS TO THE HYDRAULIC DESIGN.
 - ALL GRAVITY PVC-U PIPEWORK TO BE TO BS 4660:2000 OR BS EN 1401-1:2009 WHERE RELEVANT UNLESS NOTED OTHERWISE
 - ALL PIPES INTO MH'S TO BE SOFFIT TO SOFFIT LVL U.N.O.
 - COVER LEVELS ARE APPROXIMATE AND SHOULD MATCH PROPOSED SURROUNDING LEVELS. CONTRACTOR TO USE OFFICIAL TBM'S FOR SETTING OUT.
- NOTES FOR CONNECTION WITH PUBLIC SEWER
- THE DEVELOPER MUST SELF-VET AND CERTIFY THAT THE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATION FOR THE PROPOSED ADOPTABLE SEWERS ARE IN ACCORDANCE WITH THOSE SET OUT IN 'SEWERS FOR ADOPTION 7th EDITION', THE WELSH MINISTERS BUILD STANDARDS AND THE REQUIREMENTS OF DCWW AS THE STATUTORY SEWERAGE UNDERTAKER
 - MATERIALS AND WORKMANSHIP TO CONFORM WITH SFA 7th EDITION "PART E"
 - PIPES TO BE LAID IN MAX 3m LENGTHS BETWEEN JOINTS OR 10 X NOMINAL DIAMETER, WHICHEVER IS THE GREATER
 - PIPES LESS THAN OR EQUAL TO 500mm IN DIAMETER SHALL HAVE NOMINAL SHORT-TERM RING STIFFNESS NOT LESS THAN 8kN PER m² (SN8) OR BE SUBJECT TO A QUANTITY SYSTEM FOR STORAGE AND EMBEDMENT.
 - NOM. SHORT TERM RING STIFFNESS OF 2kN/m² (SN2) IS ACCEPTABLE FOR PIPES GREATER THAN 500mm, SUBJECT TO SUPPORTING STRUCTURAL DESIGN LOAD CALCULATIONS BEING PROVIDED.
 - UNTIL COMPLETION OF THE LEGAL STAGE WITH THE RELEVANT AUTHORITY, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ISSUED ARE PRELIMINARY AND NOT FOR CONSTRUCTION
 - SUBJECT TO A SECTION 104 ADOPTION AGREEMENT BEING COMPLETE - "A SECTION 106 APPLICATION TO CONNECT TO THE PUBLIC SEWER MUST BE MADE TO DCWW. THE DEVELOPER SHALL GIVE 21 DAYS NOTICE PRIOR TO CONNECTION, THE WORKS MAY ONLY BE UNDERTAKEN BY AN SSIP HEALTH & SAFETY APPROVED CONTRACTOR"

- KEY
- SITE BOUNDARY
 - EXCx LINE OF EXISTING COMBINED SEWER & CHAMBER
 - PROPOSED ADOPTABLE FOUL TYPE 2 OR TYPE E MANHOLE AND SEWER
 - PROPOSED ADOPTABLE TYPE 3 FOUL CHAMBER AND SEWER
 - PROPOSED ADOPTABLE FOUL TYPE 4 INSPECTION CHAMBER AND SEWER
 - PROPOSED FOUL LATERAL RUN
 - LINE OF PROPOSED 90mm RISING MAIN
 - LINE OF PROPOSED PRIVATE FOUL DRAIN & CHAMBER
 - PUMPING STATION, COMPOUND & TANKER ACCESS
 - PRIVATE PERMEABLE PAVING
 - PROPOSED SURFACE WATER NETWORK

D	25.11.20	MINOR DRAWING AMENDMENTS	TD	AC	AC
C	09.11.20	INCORPORATED NEW RISING MAIN ROUTE	TD	AC	AC
B	22.09.20	AMENDED LAYOUT TO DCWW S104 COMMENTS	TD	AC	AC
A	07.08.20	AMENDED S104 DRAINAGE LAYOUT	TD	AC	AC
REV	DATE	DESCRIPTION	BY	CHK	APP

REVISIONS

STATUS
FOR APPROVAL

CLIENT
BRENIG CONSTRUCTION

PROJECT
Proposed Development of
18 Dwellings on Land at
Blast Road, Brymbo, LL11 5BB

TITLE
Adoptable Drainage Layout

DATRYS
Broncoed House
Broncoed Business Park
Wrexham Road
Wrexham
Cheshire
CH1 1XN
01352 786305
info@datrys.coop
www.datrys.net

DRAWN	TD	CHECKED	AC	PASSED	AC
DATE	20.03.20	CLIENT'S REF.			
SCALE AT A1	AS SHOWN	AUTOCAD REF.	18303-S104		
18303/S104-1					REVISION D