



NORTH

DO NOT SCALE

DESIGNERS HAZARD IDENTIFICATION

IT IS ASSUMED THAT ALL WORKS WILL BE UNDERTAKEN BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT. IN ADDITION TO THE HAZARDS TYPICALLY ASSOCIATED WITH THE TYPES OF CONSTRUCTION DETAILED ON THIS DRAWING, ANY KNOWN ABNORMAL HAZARDS SPECIFIC TO THIS SCHEME HAVE BEEN IDENTIFIED.



ABNORMAL HAZARD REFERENCE

NOTES

- DO NOT SCALE FROM THIS DRAWING.
- THIS DRAWING IS TO BE REPRODUCED IN COLOUR.
- IF ANY DISCREPANCIES ARE FOUND IN THIS DRAWING, PLEASE REPORT TO DUDLEYS CONSULTING ENGINEERS.
- THIS DRAWING HAS BEEN ORIENTATED TO OS BRITISH NATIONAL GRID (EPSG:27700 OSG836). EXISTING SURVEY STATIONS ARE SHOWN ON THE TOPOGRAPHICAL SURVEY.
- THIS DRAWING IS BASED ON THE FOLLOWING INFORMATION:
 - 2112-GWP-01-01-D-A-(SK)-0067 - TOPOGRAPHICAL SURVEY BY GWPA ARCHITECTS DATED SEPTEMBER 2023
 - (462)-GWP-01-01-D-A-(00)-0003 - SITE LAYOUT PLAN BY 1ST HORIZON DATED AUGUST 2023
- ALL WORK TO BE UNDERTAKEN IN ACCORDANCE WITH THE CURRENT EDITION OF THE BUILDING REGULATIONS, SEWERAGE SECTOR CODES OF PRACTICE, AND THE RELEVANT LOCAL HIGHWAY AUTHORITY STANDARDS.

KEY

- PROPOSED PRIVATE SURFACE WATER DRAIN
- PROPOSED PRIVATE FOUL WATER DRAIN
- PROPOSED PRIVATE SURFACE WATER MANHOLE
- PROPOSED PRIVATE SURFACE WATER PPIC
- PROPOSED PRIVATE FOUL WATER MANHOLE
- PROPOSED PRIVATE FOUL WATER PPIC
- PROPOSED PRIVATE SURFACE WATER RODDING EYE
- PROPOSED PRIVATE SURFACE WATER YARD GULLY
- PROPOSED PRIVATE SURFACE WATER ATTENUATION TANK
- PROPOSED PRIVATE FOUL WATER RISING MAIN
- PROPOSED PRIVATE FOUL WATER PUMPING STATION
- EXISTING ADOPTED HIGHWAY DRAIN MANHOLE
- PROPOSED ADOPTED S104 FOUL WATER DEMARCATION MANHOLE
- PROPOSED ADOPTED S104 FOUL WATER LATERAL
- EXISTING ADOPTED COMBINED WATER MANHOLE
- EXISTING ADOPTED COMBINED WATER SEWER
- EXISTING ADOPTED SURFACE WATER SEWER
- SITE BOUNDARY

FW 1.07 FOUL WATER PUMP STATION
 1.8mØ GRP CHAMBER WITH 1.0x0.8m FACTA D COVER. MIN 24HR STORAGE: 8,100L. 4.5m DEEP GRP CHAMBER. TWIN SUBMERSIBLE PUMPS AS DESIGNED BY ADVANTAGE PUMPS PROPOSAL REF 34441. 90mm RISING MAIN.
 51/5 MINIMUM PUMP RATE. 6.3m HEAD. 45m RISING MAIN. KIOSK IN LANDSCAPED AREA WITH 2x DUCTS FOR ELECTRICITY / COMMS. NEW ELECTRICITY SUPPLY TO SUBSTATION.
 CL: 240.200 / RMIL: 238.85m 90Ø
 INLET IL: 237.425 150Ø
 WET WELL IL: 235.700

SDS AQUASWIRL AS/2
 1.0m PPIC B125
 CL: 239.100
 IL: 238.388 225Ø
 IL: 238.288 225Ø

SW 1.20
 0.60m PPIC B125
 CL: 239.100
 IL: 238.450 100Ø
 IL: 238.425 225Ø
 CPIL: 238.100

FW 1.02
 0.45mØ PPIC
 CL: 238.975
 IL: 238.190 100Ø

FW 1.01
 0.45mØ PPIC
 CL: 238.975
 IL: 238.325 100Ø

RE 1.10
 CL: 238.975
 IL: 238.250 150Ø

RE 1.00
 CL: 238.850
 IL: 238.250 150Ø

FW 1.04
 0.45mØ PPIC
 CL: 238.975
 IL: 237.940 100Ø

SW 1.01
 0.45m PPIC B125
 CL: 238.850
 IL: 237.900 150Ø

SW 1.02
 0.45m PPIC B125
 CL: 238.975
 IL: 237.768 150Ø

SW 1.02
 0.45m PPIC B125
 CL: 238.850
 IL: 237.900 150Ø

FW 2.01
 0.45m PPIC
 CL: 238.925
 IL: 238.325 100Ø

FW 2.03
 0.45mØ PPIC
 CL: 238.925
 IL: 238.075 100Ø

FW 2.04
 0.45mØ PPIC
 CL: 238.925
 IL: 238.025 100Ø

FW 2.10
 0.45mØ PPIC
 CL: 238.925
 IL: 238.325 100Ø

RE 2.10
 CL: 238.925
 IL: 238.250 150Ø

FW 1.06
 1.2mØ PCC
 CL: 240.100
 IL: 237.575 100Ø
 IL: 237.525 150Ø
 PENSTOCK ON OUTLET

FW 1.08 DEMARCATION MH
 1.2m x 0.9m PCC
 CL: 241.850
 RMIL: 241.260 90Ø
 IL: 241.200 150Ø

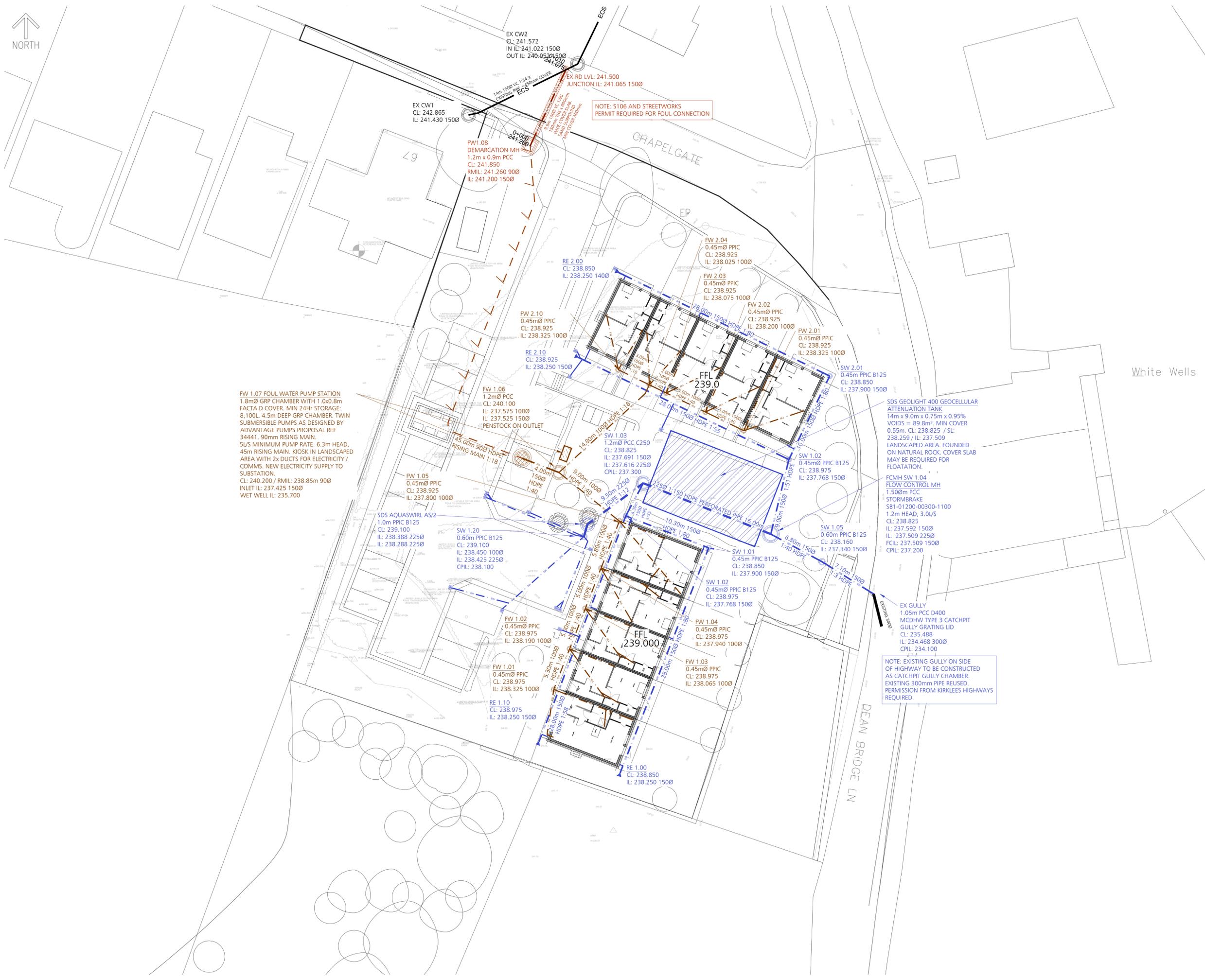
NOTE: S106 AND STREETWORKS PERMIT REQUIRED FOR FOUL CONNECTION

NOTE: EXISTING GULLY ON SIDE OF HIGHWAY TO BE CONSTRUCTED AS CATCHPIT GULLY CHAMBER. EXISTING 300mm PIPE REUSED. PERMISSION FROM KIRKLEES HIGHWAYS REQUIRED.

SDS GEOLIGHT 400 GEOCELLULAR ATTENUATION TANK
 14m x 9.0m x 0.75m x 0.95% VOIDS = 89.8m³. MIN COVER 0.55m. CL: 238.825 / SL: 238.259 / IL: 237.509
 LANDSCAPED AREA. FOUNDED ON NATURAL ROCK. COVER SLAB MAY BE REQUIRED FOR FLOATATION.

FCMH SW 1.04 FLOW CONTROL MH
 1.500m PCC STORMBRAKE SB1-01200-00300-1100
 1.2m HEAD. 3.0L/S
 CL: 238.825
 IL: 237.592 150Ø
 IL: 237.509 225Ø
 FCL: 237.509 150Ø
 CPIL: 237.200

EX GULLY
 1.05m PCC D400 MCDHW TYPE 3 CATCHPIT GULLY GRATING LID
 CL: 235.488
 IL: 234.468 300Ø
 CPIL: 234.100



26.09.25	NOTES UPDATED	OB	PD	C02
23.09.25	CONSTRUCTION ISSUE	OB	SDR	C01
DATE	REVISION DESCRIPTION	BY	CHK.	REV.

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PROJECT
SCHOLES CHAPEL GATE

TITLE
DRAINAGE STRATEGY

SCALE	PAPER	STAGE	STATUS
1:200	A1	CONSTRUCTION	
DRAWING NO.			REV.
22055-DCE-XX-XX-D-C-100			C02