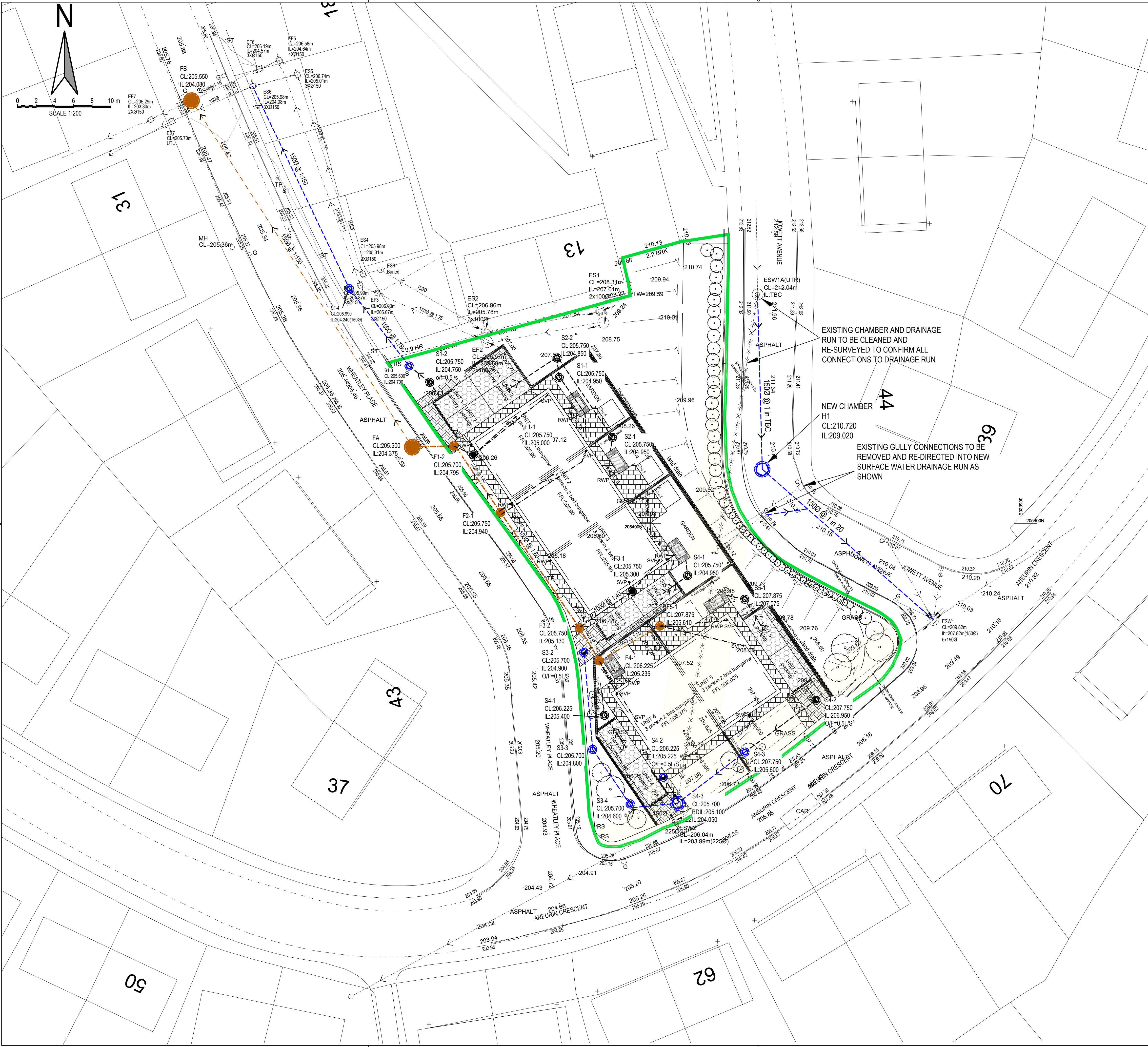




GENERAL NOTES:

1. THE DEVELOPER MUST SELF VET AND CERTIFY THAT THE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATIONS FOR THE PROPOSED ADOPTABLE SEWERS ARE IN ACCORDANCE WITH THOSE SET OUT IN "SEWERS FOR ADOPTION" 7TH EDITION, THE WELSH MINISTERS STANDARDS AND THE REQUIREMENTS OF DCWW AS THE STATUTORY SEWERAGE UNDERTAKER.
2. SUBJECT TO A SECTION 104 ADOPTION AGREEMENT BEING COMPLETE, A SECTION 106 APPLICATION TO CONNECT MUST BE MADE TO DCWW. THE DEVELOPER SHALL GIVE 21 DAYS NOTICE PRIOR TO CONNECTION. THE WORKS MAY ONLY BE UNDERTAKEN BY A SIPS REGISTERED CONTRACTOR.
3. **HAZARDOUS WASTE:-** CONTRACTOR TO PROVIDE EVIDENCE OF THE PROPOSED REMOVAL OF THE EXISTING PITCH FIBRE DRAINAGE RUN.
4. CONTRACTOR TO CONFIRM PRIOR TO THE ABANDONMENT OF SEWER THAT NO EXISTING CONNECTION UPSTREAM EXIST. (TO ENSURE NO EXISTING USERS ARE CUT OFF.)
5. COMPLIANCE WITH HEALTH & SAFETY MATTERS ON ANY TRENCH/MANHOLE IS OBLIGATORY AND A PERMIT TO ENTER A CONFIRMED SPACE IS REQUIRED WHEN CONNECTING SITE DRAINAGE TO THE EXISTING PUBLIC SEWERAGE SYSTEM. A PERMIT TO ENTER A CONFINED SPACE WILL BE OBTAINED FROM DWR CYMRU/WELSH WATER PRIOR TO THE WORKS COMMENCING ON ANY PUBLIC SEWERAGE SYSTEM.
6. MH COVER & FRAMES SHALL BE DUCTILE IRON WITH A MINIMUM SQUARE OPENING OF 675x675mm. COVERS SHALL BE DOUBLE TRIANGLE FOR 675mm SQUARE OPENINGS AND BE PROVIDED WITH LOOSE BOLTED CONNECTIONS. FRAME DEPTH SHALL BE 150mm.
7. ALL IRONWORK TO BE KITE MARKED BY BSI OR CERTIFIED BY EQUAL INSPECTION AUTHORITY.
8. PLANTING CLOSE TO ADOPTABLE DRAINAGE RUNS INDICATED IS TO ACCORD WITH THE SPECIFICATIONS IN SFA 7th EDITION SECTION C3.1.13 TO COMPLY WITH THE REQUIREMENTS OF SFA 7th & THE WELSH MINISTERS STANDARDS.
9. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWING No. 11969/s104_555.

DISUSED SEWERS

1. EXISTING SEWERS WHICH ARE OR WILL BE DISUSED ARE TO BE TRACED, AND ANY DRAIN WHICH SHOWS SIGNS OF FLOW SHOULD BE INVESTIGATED TO ESTABLISH ITS ORIGIN AND AUTHENTICITY, AND REPORTED TO THE ENGINEER.

ABANDONMENT OF SEWERS

2. NO SEWER SHALL BE ABANDONED UNTIL THE CONTRACTOR HAS CONFIRMED THAT THERE ARE NO LIVE CONNECTIONS REMAINING.
3. NO CONSTRUCTION WORKS SHALL COMMENCE OVER OR WITHIN 6 METRES OF ANY SEWER THAT IS TO BE ABANDONED UNTIL THAT SEWER HAS BEEN FILLED AND SEALED WITH PFA/OPC GROUT TO THE SATISFACTION OF THE HIGHWAY AUTHORITY.
4. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE COST OF REMOVING ANY GROUT THAT HAS ACCIDENTALLY OR OTHERWISE AFFECTED ANY SEWER/DRAIN THAT IS NOT TO BE ABANDONED.
5. SEWER GROUTING SHALL CONSIST OF PFA MIXED WITH OPC RATIO 20:1 TO ENSURE A MIX THAT CAN BE PUMPED INTO THE SEWER. MIX STRENGTH 0.7 N/mm SQ. AT 28 DAYS.
6. ENDS OF THE SEWER SHALL BE SEALED WITH 225mm THICK BRICKWORK WALLS WITH SUITABLE PIPE CONNECTIONS FOR GROUT INJECTION. SACRIFICIAL STOPPERS MAY BE USED ON SMALL DIAMETER SEWERS.
7. SEWERS/DRAINS LESS THAN 7m IN DEPTH MAY BE "GRUBBED-UP" AND REMOVED.

LEGEND

- BLOCK PAVING TO ARCHITECTS DETAILS WITH TYPE EF EDGING TO SURROUND
- TRADITIONAL BLOCK PAVING
- GRAVEL PARKING BAYS WITH CELLWEBB SYSTEM (TANKED DRAINAGE BLANKET UNDER) SURROUND WITH TYPE EF EDGING KERB
- GRASSED AREAS TO LANDSCAPE ARCHITECTS DETAILS
- RAINGARDEN

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE SHOWN IN METRES UNLESS NOTED OTHERWISE.
3. DO NOT SCALE FROM THE DRAWING. USE FIGURED DIMENSIONS ONLY.
4. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
5. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
6. EXISTING SERVICES HAVE NOT BEEN SHOWN BUT ARE PRESENT - THE CONTRACTOR IS TO LIAISE WITH ALL STATUTORY AUTHORITIES PRIOR TO THE COMMENCEMENT OF ANY WORKS.

SITE BOUNDARY

DRAINAGE LEGEND

- EXISTING DRAINAGE TO BE ABANDONED
- PROPOSED SURFACE WATER DRAINAGE WITH PIPE SIZE AND GRADIENT (SEE LAYOUT)
- PROPOSED FOUL WATER DRAINAGE WITH PIPE SIZE AND GRADIENT (SEE LAYOUT)
- DENOTES PRIVATE FW DRAINAGE
- DENOTES PRIVATE SW DRAINAGE
- RWP: PROPOSED RAINWATER PIPE
- WB: PROPOSED WATER BUTT
- SVP: PROPOSED SOIL & VENT PIPE
- SS: PROPOSED STUB STACK
- FO: PROPOSED FLOOR OUTLET
- BG: PROPOSED BACK INLET GULLY
- RE: RODDING EYE
- PRG: PROPOSED ROAD GULLY
- EXISTING EASEMENT ZONE
- DENOTES FLOW CONTROL CHAMBER
- FRENCH DRAIN
- PERFORATED SUMP DRAIN
- LINE DRAINAGE SYSTEM ACO NK100S OR SIMILAR APPROVED WITH RODDING ACCESS AND SUMP OUTLET

EXISTING DRAINAGE LEGEND

- EXISTING SURFACE WATER DRAINAGE
- EXISTING FOUL WATER DRAINAGE
- EXISTING EASEMENT ZONE

PRELIMINARY

01 Preliminary Issue

rev. drawn chkd. app'd. date description

Client
MERTHYR VALLEYS HOMES

Project
DEVELOPMENT AT ANEURIN CRESCENT
MERTHYR TYDFIL

Title
S104 AGREEMENT
DRAINAGE LAYOUT

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