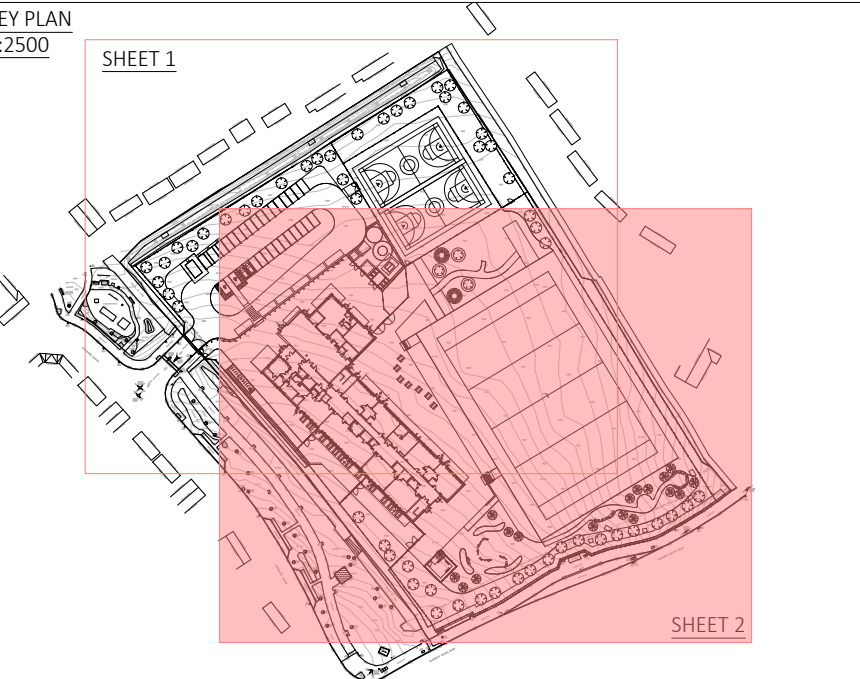


- NOTES:
- DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT DRAWINGS
  - DOUBLE SEALED AND LOCKABLE COVERS TO BE SUPPLIED WHERE SPECIFIED ON MANHOLE SCHEDULE.
  - ALL PRIVATE DRAINAGE TO COMPLY WITH CURRENT BUILDING REGULATIONS, BS EN-752 DRAIN AND SEWER SYSTEMS OUTSIDE BUILDINGS AND OTHER RELEVANT BRITISH STANDARDS AND CODES OF PRACTICES.
  - ALL SEWERS TO BE LAID SOFFIT TO SOFFIT UNLESS OTHERWISE SHOWN.
  - IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE EXISTING SERVICES ON SITE ACCURATELY.
  - THE CONTRACTOR IS TO VERIFY THE LINE, LEVEL AND DIAMETER OF EXISTING SEWERS BEFORE COMMENCING DRAINAGE WORKS.
  - ALL LEVELS ARE TO OS DATUM UNLESS OTHERWISE STATED.
  - COMPLIANCE WITH HEALTH & SAFETY MATTERS ON ANY TRENCH/MANHOLE IS OBLIGATORY AND A PERMIT TO ENTER A CONFINED SPACE IS REQUIRED WHEN CONNECTING SITE DRAINAGE TO THE EXISTING PUBLIC SEWERAGE SYSTEM. A PERMIT TO ENTER A CONFINED SPACE WILL BE OBTAINED FROM THE SEWERAGE UNDERTAKER PRIOR TO THE WORKS COMMENCING ON ANY PUBLIC SEWERAGE SYSTEM.
  - WHERE SEWERS ARE TO BE CONSTRUCTED INSIDE THE RESTRICT TREE ZONE A SUITABLE TRESS PROTECTION BARRIER IS TO BE INSTALLED TO THE LANDSCAPE ARCHITECTS SPECIFICATION.
  - ALL SVP, SS AND RWP POSITIONS SHOWN ARE APPROXIMATE ONLY. FOR SETTING OUT OF SC'S AND RWP'S REFER TO ARCHITECTS DETAILED CONSTRUCTION DRAWINGS AND/OR M&E ABOVE GROUND DRAINAGE DESIGN. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.
  - ALL PRIVATE SWS CHAMBERS & MANHOLES TO HAVE A 300mm CATCHPIT. INVERT LEVEL OF CATCHPIT EXCLUDED FROM DRAWING.
  - ALL PRIVATE SWS DRAINS TO BE Ø150mm PLASTIC PIPEWORK LAID AT A MINIMUM FALL OF 1 in 100 UNLESS OTHERWISE SHOWN.
  - ALL LINEAR DRAIN OUTLETS TO BE Ø100mm AT MINIMUM FALL OF 1 in 100 TO MAXIMUM FALL OF 1 in 10.
  - ALL PRIVATE FWS DRAINS TO BE Ø100mm PLASTIC PIPEWORK LAID AT A MINIMUM SLOPE OF 1 in 40 UPSTREAM OF FIRST W.C. CONNECTION ON A RUN. AFTER CONNECTION OF 1st W.C. TO BE LAID AT MINIMUM SLOPE OF 1 in 80.
  - PIPEWORK TO HAVE BED AND SURROUND AS FOLLOWS:
    - UNDERNEATH PRIVATE DRIVEWAYS, PARKING AREAS WITH RESTRICTIONS TO PREVENT ACCESS BY VEHICLES IN EXCESS OF 7.5T AND PATHWAYS ADJACENT TO VEHICLE ACCESS TO BE;
      - COVER TO TOP OF PIPE > 0.9m - TYPE S or TYPE T (PLASTIC)
      - COVER TO TOP OF PIPE < 0.9m - TYPE Z (CONCRETE SURROUND)
    - UNDERNEATH DOMESTIC GARDENS AND PATHWAYS WITH NO POSSIBILITY OF VEHICLE ACCESS TO BE;
      - COVER TO TOP OF PIPE > 0.35m - TYPE S or TYPE T (PLASTIC)
      - COVER TO TOP OF PIPE < 0.35m - TYPE Z (CONCRETE SURROUND)
  - ALL DRAINAGE OUTFALLS AND CONNECTIONS TO EXISTING FEATURES/SYSTEMS SHALL BE CHECKED & SURVEYED AND THE RESULTS PASSED TO THE OVERSEEING AUTHORITY / CLIENT IN



- PROPOSED KEY
- SURFACE WATER DRAIN
  - SURFACE WATER PERFORATED DRAIN
  - SURFACE WATER LINEAR DRAIN
  - SURFACE WATER MANHOLE
  - SURFACE WATER INSPECTION CHAMBER
  - SURFACE WATER FLOW CONTROL CHAMBER
  - SURFACE WATER VEGETATED HEADWALL
  - RAIN TAINA FILTER CHAMBER - RTNA05002
  - INDICATIVE RAINWATER DOWNPIPE
  - SURFACE WATER RODDING EYE
  - SURFACE WATER BACK-DROP
  - LINEAR DRAIN - DOWNPIPE CONNECTOR
  - KERB OUTLET
  - RAIN GARDEN
  - PERMEABLE PAVING
  - MUGA PERMEABLE SURFACING
  - POROUS SURFACING - WET POUR
  - POROUS SURFACING - PERMEABLE ASPHALT
  - CELLULAR STORAGE TANK
  - FOUL WATER DRAIN
  - FOUL WATER MANHOLE
  - FOUL WATER INSPECTION CHAMBER
  - FOUL WATER GULLY
  - FOUL WATER YARD GULLY
  - FOUL WATER SOIL CONNECTION / SHOWER GULLY
  - DRAIN SLEEVED THROUGH CONCRETE STRIP FOUNDATION
- EXISTING KEY
- FOUL WATER SEWER
  - FOUL WATER MANHOLE
  - SURFACE WATER GRAVEL TRENCH WITH UNDER DRAIN
  - SURFACE WATER MANHOLE - HIGHWAYS
  - SURFACE WATER DRAIN

REVISIONS

P02	Issued for PAC	21/08/25	SP	CD	CD
P01	Stage 3 Issue	15/08/25	SP	CD	CD
Rev.	Revision Notes	Date	Drawn By	Checked	Approved

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CLIENT

KIER ON BEHALF OF  
THE VALE OF GLAMORGAN COUNCIL

PROJECT

YSGOL IOLO

TITLE

DRAINAGE LAYOUT  
SHEET 2 OF 2

HYDROCK PROJECT NO. C-38443	SCALE @ A1 1:250	
STATUS DESCRIPTION SUITABLE FOR INFORMATION		STATUS S2
DRAWING NO. YIM-STN-00-XX-D-C-300100		REVISION P02