



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

KEY PLAN

1:2500

SHEET 1

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

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CLIENT

KIER ON BEHALF OF
THE VALE OF GLAMORGAN COUNCIL

PROJECT

YSGOL IOLO

TITLE

DRAINAGE LAYOUT
SHEET 1 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-300000

REVISION

P02