



- NOTES**
- THIS DRAWING IS PRELIMINARY AND IS SUBJECT TO CHANGE DEPENDING ON FURTHER DEVELOPMENT OF THE G.A., SITE LAYOUT, PROPOSED LEVELS, INFILTRATION RATES, RWP LAYOUT AND FOUL CONNECTION LOCATIONS.
 - THIS DRAWING IS BASED ON THE CUBE ARCHITECT'S SKETCH SITE PLAN, DRAWING NO. CPS 21 147 101 B, DATED 08/01/2022
 - TO BE READ IN CONJUNCTION WITH ALL RELEVANT KENNEDY REDFORD DRAWINGS.
 - PRIVATE DRAINS TO BE CONSTRUCTED IN ACCORDANCE WITH BUILDING REGULATIONS.
 - EXISTING SEWER AND DRAINAGE LOCATIONS AND LEVELS TO BE CONFIRMED BY CONTRACTOR ON SITE, PRIOR TO WORK COMMENCING.
 - ALL MANHOLE AND PIPE POSITIONS ARE APPROXIMATE AND MAY BE UPDATED FOLLOWING FURTHER DISCUSSIONS WITH THE RELEVANT AUTHORITIES.
 - ALL MANHOLE AND PIPE SIZES ARE TO BE SPECIFIED AT DETAILED DESIGN STAGE.
 - UNLESS INDICATED OTHERWISE ALL PIPES TO BE LAID SOFFIT TO SOFFIT.
 - WHERE PROPOSED DRAINS ARE IN PROXIMITY TO PROPOSED FOUNDATIONS, THE FOUNDATIONS SHALL BE TAKEN DEEPER TO BELOW THE DRAINS OR THE DRAIN SHOULD BE PROTECTED WITH A FULL CONCRETE SURROUND.
 - PROPOSED PIPEWORK WITH LESS THAN THE FOLLOWING DEPTHS TO SOFFIT REQUIRES A CONCRETE SURROUND:
 - 1.2m IN ROADS
 - 0.6m UNDER FOOTPATHS, CONCRETE SLAB AND BUILDINGS.
 - SETTING OUT OF RAINWATER PIPES AND FOUL CONNECTION LOCATIONS UNKNOWN AT PRESENT.
 - RAINWATER PIPE AND FOUL CONNECTION LOCATIONS UNKNOWN AT PRESENT.
 - ALL CHANNEL DRAINAGE TO HAVE SILT BUCKETS ON OUTLETS.
 - CHANNEL DRAINS TO BE SPECIFIED AT DETAILED DESIGN STAGE.
 - ALL ROAD GULLIES ARE TO BE TRAPPED AND RODDABLE.
 - ALL GULLY LEADS TO BE 150mm DIAMETER.
 - ALL ROAD GULLIES & LEADS TO BE CLEARED OF DEBRIS UPON COMPLETION OF WORKS.
 - DISCHARGE RATE AND CONNECTION TO SEWER SUBJECT TO AGREEMENT WITH BURY COUNCIL AND UNITED UTILITIES.
 - THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY WORKS AND CONSTRUCTION PROCEDURES.
 - CONTRACTOR TO APPLY FOR SEWER PERMITS AND ROAD OPENING PERMITS AS NECESSARY FROM THE APPROPRIATE AUTHORITIES, PRIOR TO COMMENCING WORKS.
 - THE CONTRACTOR SHALL ALLOW FOR ALL TRAFFIC MANAGEMENT IN CONNECTION WITH ROAD AND SEWER WORKS.
 - AT LEAST ONE SOIL PIPE AT THE HEAD OF EACH FOUL RUN SHALL VENT TO THE ATMOSPHERE.

NOTE
THE FOLLOWING INFORMATION IS REQUIRED TO DEVELOP THE DRAINAGE DESIGN FURTHER:

- EXISTING WELSH WATER SEWER LOCATIONS AND LEVELS.
- SOAKAWAY TEST RESULTS
- RWP LOCATIONS
- INTERNAL FOUL CONNECTION LOCATIONS
- SOUTHWESTERN DITCH LEVELS

NOTE
IT IS ASSUMED THAT ALL INTERNAL FOUL CONNECTIONS WILL BE WITHIN 22m OF THE PROPOSED FOUL DRAINAGE RUN TO THE NORTHWEST OF THE BUILDING. ANY INTERNAL FOUL DRAINAGE BEYOND THIS DISTANCE WOULD REQUIRE AN ADDITIONAL FOUL DRAINAGE RUN TO THE SOUTHEAST OF THE BUILDING TO BE CONSTRUCTED.

PROPOSED HEADWALL DISCHARGE INTO DITCH SUBJECT TO SAB AGREEMENT WITH NATURAL RESOURCE WALES AND AGREEMENT WITH GWYNEDD COUNCIL.

DISCHARGE AND FLOW RATE INTO WELSH WATER SEWER SUBJECT TO AGREEMENT WITH GWYNEDD COUNCIL AND A S106 AGREEMENT WITH WELSH WATER.

IT IS ASSUMED THAT THE VEHICLE WASH WILL OPERATE USING A WATER RECYCLING SYSTEM.

10.6 l/s HYDROBRAKE FLOW CONTROL DEVICE. FLOW RATE SUBJECT TO SAB AGREEMENT WITH NATURAL RESOURCE WALES AND AGREEMENT WITH GWYNEDD COUNCIL.

328m³ x 2.0m DEPTH ATTENUATION TANK. VOLUME = 623.2 l/s ASSUMING 95% VOIDS.

WELSH WATER SEWER LOCATIONS BASED ON A PDF MAP ONLY. MANHOLE LOCATION AND LEVELS TO BE CONFIRMED AT CONNECTION LOCATION.

- KEY**
- EXISTING FOUL WATER SEWER
 - EXISTING FOUL RISING MAIN
 - PROPOSED SURFACE WATER DRAIN
 - PROPOSED FOUL WATER DRAIN
 - PROPOSED SUMP MANHOLE
 - PROPOSED FLOW CONTROL
 - PROPOSED POLYPROPYLENE INSPECTION CHAMBER
 - PROPOSED GEOCELLULAR ATTENUATION TANK
 - PROPOSED LINEAR DRAIN
 - PROPOSED GULLY
 - PROPOSED PETROL INTERCEPTOR
 - PROPOSED RED LINE BOUNDARY

REV	DATE	DESCRIPTION	DRN	CHK	APR
P01	NYI	PRELIMINARY ISSUE	R.B	R.K	R.K

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CLIENT
GWYNEDD SKIP & PLANT HIRE

PROJECT NAME
GWYNEDD SKIP & PLANT HIRE

DRAWING TITLE
PROPOSED DRAINAGE LAYOUT ABATTOIR SITE

DATE	SCALE	SHEET SIZE	REV
NYI	1:250	A1	P01

DRAWING STATUS
S2 - ISSUED FOR INFORMATION

DRAWING NUMBER
220208 - KR - XX - EX - DR - C - 0001