

IMPORTANT NOTES:

- RWP POSITIONS AND NUMBER ARE ASSUMED ONLY. SUITABLE ALLOWANCES TO BE MADE AS THIS WILL DICTATE THE NUMBER OF LINEAR DRAINAGE CONNECTIONS INDICATED TO CONVEY FLOWS TO SuDS FEATURES AND MAY AFFECT SOIL EROSION CONTROL MEASURES.
- AN ALLOWANCE FOR 10 No. ADDITIONAL CHAMBERS SHOULD BE MADE TO ALLOW FOR PICK UPS NEAR BUILDING PERIMETER THAT MAY NEED FURTHER COORDINATION FURTHER COORDINATION WITH THE STRUCTURE.
- FURTHER FOUNDATION OPTIMISATION MAYBE POSSIBLE TO REDUCE SLEEVING PROVISION
- IN THE EVENT THAT ZONE 1 IS REQUIRED TO BE COMPLETED AHEAD OF ZONE 2 & 3, THE ATTENUATION/WETLAND BASIN, MAIN CARRIER DRAINAGE AND DRAINAGE DIVERSIONS WILL BE REQUIRED TO BE COMPLETED AS PART O THE FIRST PHASE.

- KEY**
- SITE BOUNDARY
 - PROPOSED**
 - SURFACE WATER DRAIN
 - SURFACE WATER PERFORATED DRAIN
 - SURFACE WATER LINEAR DRAIN
 - EXISTING SURFACE WATER LINEAR DRAIN
 - S.W. PERFORATED UNDERDRAIN
 - S.W. INSPECTION CHAMBER Ø450
 - SURFACE WATER GULLY
 - EXISTING SURFACE WATER GULLY
 - SURFACE WATER MANHOLE
 - SURFACE WATER HYDROBREAK CHAMBER
 - SURFACE WATER ORIFICE CHAMBER
 - SURFACE WATER HEADWALL
 - RODDING EYE
 - CHANNEL DRAIN SUMP
 - PERMAVOID DISTRIBUTION CELLS
 - RAIN GARDEN
 - PERMEABLE PAVING
 - WETLAND/ATTENUATION BASIN
 - GREEN ROOF
 - SUB-BASE TRENCH
 - FOUL WATER DRAIN
 - FOUL WATER MANHOLE
 - FOUL WATER INSPECTION CHAMBER
 - FOUL WATER BACK-DROP
 - 6 FOUL WATER GULLY
 - × FOUL WATER SOIL CONNECTION
 - FOUL WATER DRAIN SLEEVED THROUGH GROUND BEAM
 - FOUL WATER DRAIN BELOW GROUND BEAM
 - KEY - EXISTING DRAINAGE TO REMAIN**
 - SURFACE WATER DRAINAGE
 - FOUL WATER DRAINAGE
 - SURFACE WATER LINEAR DRAIN
 - SURFACE WATER GULLY
 - KEY - EXISTING DRAINAGE TO BE REMOVED (AS PART OF MAIN WORKS POST DEMO)**
 - FOUL WATER DRAINAGE
 - SURFACE WATER DRAINAGE
 - SURFACE WATER GULLY
 - KEY - EXISTING DRAINAGE TO BE RE-PROVIDED**
 - SURFACE WATER LINEAR DRAIN
 - SURFACE WATER GULLY

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

This list is not an exhaustive register of all hazards or risks present, it identifies only the significant risks remaining following the internal risk assessment undertaken by the project designers. It should be considered alongside the typical risks and hazards that a competent and experienced contractor would expect to be present during such construction related activity.

CONSTRUCTION

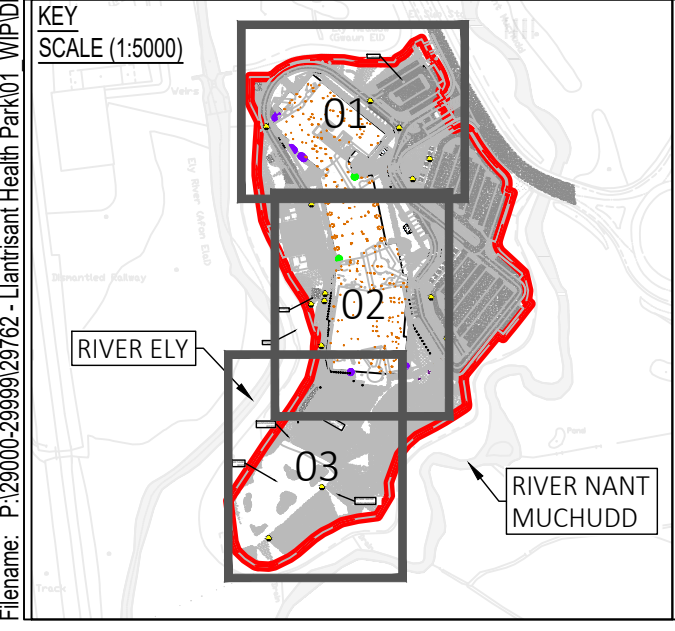
The contractor's attention is drawn to the following health and safety risks.

- 01 Existing services & drainage to remain
- 02 Excavation / Trenches - Deep drainage works
- 03 Works around existing petrol interceptors to remain
- 04 Existing strategic water main and easement to be protected/observed
- 05 Works at/around existing retaining walls to remain

*FOR FURTHER INFORMATION RELATING TO END USE, MAINTENANCE & DEMOLITION, SEE THE HEALTH AND SAFETY FILE.

ALL WORKS SHOULD BE UNDERTAKEN IN ACCORDANCE WITH THE CONSTRUCTION (DESIGN & MANAGEMENT) REGULATIONS 2015.

- NOTES:**
1. DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT DRAWINGS AND WITH THE HEALTH AND SAFETY INFORMATION PROVIDED AND/OR WITHIN THE PRE-CONSTRUCTION INFORMATION.
 2. USE OF THIS DRAWING DOES NOT ABSOLVE THE CLIENT FROM HIS RESPONSIBILITIES UNDER THE HEALTH AND SAFETY; THE CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015. THE PRINCIPAL DESIGNER IS REQUIRED TO CONTACT HYDROCK CONSULTANTS PRIOR TO PERMITTING THIS DRAWING TO BE USED IN CONNECTION WITH ANY CONSTRUCTION WORKS.
 3. BEFORE COMMENCEMENT OF ANY WORKS ASSOCIATED WITH THE DRAWING REFER TO ALL RELEVANT HEALTH AND SAFETY INFORMATION FOR THE WORKS INCLUDING RESIDUAL RISK INFORMATION.
 4. THE CONTRACTOR SHOULD COMPLY WITH HS(G) 47 "AVOIDING DANGER FROM UNDERGROUND SERVICES" WHEN PLANNING, LOCATING AND EXCAVATING AROUND EXISTING SERVICES. IT IS KNOWN THAT EXISTING UTILITY COMPANY UNDERGROUND SERVICES AND APPARATUS ARE PRESENT WITHIN THE PROPOSED WORKS AREA AND IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE EXISTING SERVICES ON SITE ACCURATELY.
 5. INFORMATION REGARDING THE LOCATION AND DEPTH OF EXISTING SERVICES CANNOT BE GUARANTEED BY THE STATUTORY UNDERTAKER.
 6. THE CONTRACTOR SHALL CONDUCT THE WORKS WITH DUE REGARD FOR THE ECOLOGICAL AND ENVIRONMENTAL REQUIREMENTS OF THE SCHEME.
 7. THE DRAWING SHALL BE USED FOR THE INTENDED PURPOSE ONLY AND THIS DRAWING HAS BEEN BASED ON INFORMATION PROVIDED BY OTHER PARTIES AND HYDROCK DO NOT WARRANT THE ACCURACY OF THIS INFORMATION. DIMENSIONS SHALL NOT BE SCALED FROM THE DRAWING AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL DIMENSIONS AND LEVELS ON SITE FOR THE ACTUAL SETTING OUT OF THE WORKS. DIMENSIONS MARKED 'DIMENSIONS TO BE SITE CHECKED' ARE SUBJECT TO CONFIRMATION BY THE CONTRACTOR BEFORE THE WORKS COMMENCE.
 8. HYDROCK IS NOT RESPONSIBLE FOR CHECKING DIMENSIONS ON SITE.
 9. HYDROCK IS NOT RESPONSIBLE FOR SETTING OUT GRID LINES, BUILDING LINE ETC.
 10. HYDROCK IS NOT RESPONSIBLE FOR DIMENSIONS USED IN THE ORDERING AND MANUFACTURING OF EQUIPMENT AND THIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 11. ALL FIGURED LEVELS ARE IN METRES AND RELATED TO EXISTING SURVEY GRID & DATUM UNLESS NOTED OTHERWISE
 12. ALL FIGURED DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 13. TEMPORARY WORKS DESIGN ASSOCIATED WITH THE CONSTRUCTION OF THE WORKS SHALL BE RESPONSIBILITY OF THE CONTRACTOR.
 14. THE CONTRACTOR SHALL MAINTAIN FREE AND OPEN ACCESS TO PUBLIC HIGHWAY AND ADJACENT LANDS AT ALL TIMES DURING THE COURSE OF THE WORKS UNLESS OTHERWISE AGREED IN WRITING WITH THE INTERESTED PARTIES.
 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL TRAFFIC MANAGEMENT PROPOSALS & PHASING. SUCH DETAILS SHALL BE SUBMITTED TO THE LOCAL HIGHWAY AUTHORITY FOR APPROVAL PRIOR TO THE START OF THE WORKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASSOCIATED COSTS AND ORDERS.
 16. CONFLICTING INFORMATION SHOWN ON THE ENGINEER'S DRAWINGS OR DISCREPANCIES BETWEEN THE INFORMATION GIVEN BY THE ENGINEER AND THAT PROVIDED BY OTHERS MUST BE REFERRED TO THE ENGINEER BEFORE THE WORKS COMMENCE.



REVISIONS					
Rev.	Revision Notes	Date	Drawn By	Checked	Approved
P06	Issue For PAC	15/05/25	IMH	IMH	CD
P05	Issue for Stage 3	18/03/25	SP/IMH	IMH	CD
P04	Issue for Stage 2	08/10/24	SP	CD	CD
P03	Issue for Stage 2 (DRAFT)	02/10/24	SP	JH	CD
P02	For SAB Pre-Application & Dr. No. Change	13/09/24	HS	JH	CD
P01	For Planning Pre-Application	06/09/24	HS	JH	CD

Hydrock
now
Stantec

3rd Floor, Wharton Place
13 Wharton Street
Cardiff
CF10 1GS
t: +44(0)2920 023665
e: cardiff@hydrock.com

CLIENT

CWM TAF MORGANNWG
UNIVERSITY HEALTH BOARD

PROJECT

LLANTRISANT HEALTH PARK

TITLE		PROPOSED DRAINAGE LAYOUT OVERVIEW	
HYDROCK PROJECT NO.		SCALE @ A1	
C-38800		1:500	
STATUS DESCRIPTION		STATUS	
FOR STAGE APPROVAL		S4	
DRAWING NO. (PROJECT-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)		REVISION	
38800-HYD-XX-XX-DR-C-3000		P06	