



INFORMATION REQUIRED SCHEDULE

1. UPDATED CCTV DRAINAGE SURVEY WITH CONFIRMATION OF EXISTING WELSH WATER DRAINAGE ASSET LEVELS.
2. UPDATED TOPOGRAPHICAL SURVEY TO INCLUDE CAR PARK TO WEST.
3. PROPOSED POP-UP LOCATIONS.
4. CONFIRMATION ON SPECIAL DRAINAGE REQUIREMENTS, I.E. CHEMICAL RESISTANCE, HEAT RESISTANCE ETC.
5. INFILTRATION TESTING TO BRE 365

RESIDUAL HAZARD REGISTER (RELATES TO CIVIL/STRUCTURAL MATTERS ONLY)		
MUST BE READ IN CONJUNCTION WITH CURTINS RESIDUAL HAZARD REGISTER NDCH-CUR-XX-XX-HA-Z-00_10-001.		
HAZARDS THAT SHOULD BE OBVIOUS TO A COMPETENT CONTRACTOR HAVE NOT BEEN INDICATED ON THIS DRAWING. SHOULD ANY ADDITIONAL HAZARDS BE IDENTIFIED, THE CONTRACTOR SHOULD NOTIFY ALL		
HAZARD REF No.	ITEM (FEATURE, ELEMENT OR ACTIVITY)	RESIDUAL HAZARD
1.1	Services within existing highway	Damage to or striking of existing services. Concrete protection may be required.
1.2	Drainage connections	Unable to connect SW and FW on site drainage to Welsh Water sewers.
2.1	Existing structures	Damage to existing listed building.
2.2	Varying ground conditions	Potential for unexpected ground conditions such as unstable ground.
2.3	Groundwater	Attenuation tank may require weighting to resist floatation.
3.1	Buried Services	Operatives exposure to live services during excavation works.
4.1	Earthworks & excavations	Potential for undermining of existing structure due to excavation works.
5.1	Ground contamination	Operatives exposure to ground contamination.

NO SURVEY INFORMATION CURRENTLY AVAILABLE.



GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
4. FOR GENERAL NOTES REFER TO DRAWING.
5. DESIGN BASED ON TOPOGRAPHICAL SURVEY INFORMATION AVAILABLE AT THE TIME OF DESIGN. ANY VARIANCE FROM THE INFORMATION SHOWN SHOULD BE REPORTED TO THE ENGINEER FOR REVIEW.
6. NOT TO BE USED FOR CONSTRUCTION, FOR COORDINATION ONLY.
7. EXISTING DRAINAGE SHOWN INDICATIVE FROM HISTORIC PLANS. ALL EXISTING CONNECTIONS TO BE CONFIRMED BY CCTV.

DRAINAGE NOTES:

1. ALL EXISTING SEWERS, CONNECTIONS, PIPE SIZES AND INVERT LEVELS TO BE CONFIRMED BY CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS TO ENSURE CONNECTIVITY. ANY VARIANCE FROM THE INFORMATION SHOWN SHOULD BE REPORTED TO THE ENGINEER FOR REVIEW.
2. WHERE EXISTING DRAINAGE IS BEING USED, ALLOWANCES SHOULD BE MADE TO REMEDIATE THIS DRAINAGE IN LINE WITH AVAILABLE CCTV SURVEY INFORMATION. IF NO SURVEY IS AVAILABLE, IT IS ADVISED TO OBTAIN ONE PRIOR TO COMMENCEMENT OF WORKS.
3. ALL EXISTING SERVICES TO BE LOCATED PRIOR TO COMMENCEMENT OF ANY DRAINAGE WORKS, AND WHERE NECESSARY PROTECTION OR DIVERSIONS TO BE UNDERTAKEN TO AVOID CONFLICT WITH THE PROPOSED WORK.
4. ALL RAINWATER AND FOUL POP UPS LOCATIONS AND SIZES INDICATIVE ONLY AND TO BE CONFIRMED BY THE ARCHITECT AND MAE ENGINEER.
5. COVER LEVELS, GULLY POSITIONS, AND BUILDINGS LOCATION ARE APPROXIMATE AND SHALL BE CONFIRMED BY ARCHITECT/ LANDSCAPE ARCHITECT.
6. ALL PIPE DIAMETERS GIVEN ARE NOMINAL INTERNAL PIPE DIAMETERS. THESE ARE TO BE CONFIRMED ONCE A DETAILED CAPACITY CHECK HAS BEEN UNDERTAKEN AT A LATER DESIGN STAGE.
7. OUTFALL CONNECTION(S) SUBJECT TO AGREEMENT WITH THE APPROVING AUTHORITY.

KEY

- RED LINE BOUNDARY
- EXISTING DRAINAGE NETWORK
- DRAINAGE TO BE GRUBBED UP
- PROPOSED COMBINED DRAINAGE
- EXISTING WELSH WATER ASSETS

OTHER DISCIPLINE DRAWING REFERENCES

THE DESIGN OF THIS SCHEME HAS BEEN DESIGNED IN ACCORDANCE WITH THE BELOW DRAWINGS AND INFORMATION.
TOPOGRAPHICAL SURVEY REF: TOWER SURVEYS R-N9091_201-202_Issue01
ARCHITECTS DRAWING REF: N/A
LANDSCAPE ARCHITECTS DRAWING REF: N/A
OTHER DRAWINGS REF: EX-05 EXISTING SITE PLAN (1997) DRAINAGE LAYOUT

PD3	NOTATION ADDED (S4)	06/04/20	NIB	JDB
PD2	SUITABLE FOR STAGE APPROVAL (S4)	03/04/20	JDB	AF
PD1	WIP (S0)	27/03/20	JDB	-
Rev	Description	Date	By	Chkd



STATUS: **SUITABLE FOR STAGE APPROVAL** **S4**

Project: **ROYAL ALEXANDRA HOSPITAL, RHYL**

Dwg Title: **DRAINAGE AMENDMENTS TO EXISTING NETWORK**

Size	Date	Drawn By	Designed By	Checked By
A0	27/03/2020	JDB	JDB	AF

Scale: 1:200
Project No: NDCH - CUR - ZZ - XX - DR - C - 50_10-0001 - P03