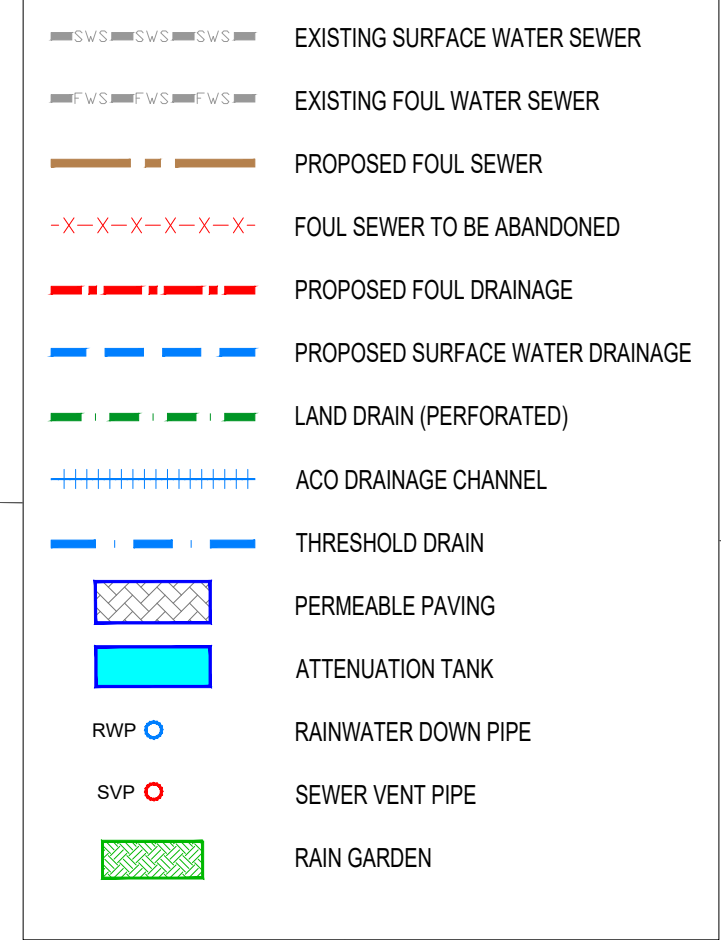


DO NOT SCALE

NOTES:

- THE WORKS SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS, NATIONAL BUILDING SPECIFICATION (NBS) AND SEWERS FOR ADOPTION, 7TH EDITION.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT'S, ENGINEERS AND SPECIALISTS DRAWINGS TOGETHER WITH THE APPROPRIATE SPECIFICATION.
- EXISTING SEWER ALIGNMENTS ARE BASED UPON THE INVEK DRAINAGE SURVEY DATED 17.12.20 ALL RIGHTS RESERVED.
- THE TOPOGRAPHIC SURVEY IS BASED UPON THE BATTLEFIELDS SURVEY DATED 01.12.20 ALL RIGHTS RESERVED.
- THE PROPOSED SITE LAYOUT IS BASED UPON THE LATEST PLAN PROVIDED BY LAWRAIR ARCHITECTS DATED 15.04.21.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK ALL DIMENSIONS ON SITE. DIMENSIONS MUST NOT BE SCALED FROM THIS DRAWING. ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER IN WRITING.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS DRAWINGS, ARCHITECTS DRAWINGS, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.
- THE LOCATION, LINE & LEVEL OF ALL KNOWN EXISTING BURIED SERVICE MAINS AND DRAINAGE PIPEWORK INDICATED ON THE DRAWINGS ARE APPROXIMATE AND FOR GUIDANCE PURPOSES ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXACT LINE & LEVEL, BY WAY OF HAND EXCAVATED TRIAL PITS, PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS ON SITE. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN THE STRUCTURAL INTEGRITY OF ALL ABOVE AND BELOW GROUND SERVICE MAINS / DRAINAGE INSTALLATIONS.
- THE CONTRACTOR MUST COMPLY WITH ALL CURRENT LEGISLATION RELATING TO HEALTH & SAFETY.
- ALL LEVELS ARE TO ORDNANCE DATUM.
- ALL SURPLUS EXCAVATED MATERIAL SHALL BE DISPOSED OF OFF SITE.
- THE MAIN CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF ALL TEMPORARY WORKS, AND IS ALSO RESPONSIBLE FOR THE SAFE MAINTENANCE AND STABILITY OF EXISTING BUILDINGS AT ALL TIMES.
- THE MAIN CONTRACTOR IS RESPONSIBLE FOR THE MITIGATION OF ALL OCCURRENCES OF GROUND WATER DURING THE CONSTRUCTION PERIOD.
- THE CONTRACTOR SHALL MAKE ALLOWANCE FOR RAISING / LOWERING ALL EXISTING ACCESS COVERS & FRAMES TO SUIT NEW FINISHED LEVELS.
- ALL SOFT / HARD PAVED AREAS AFFECTED BY THE WORKS SHALL BE FULLY REINSTATED UPON COMPLETION OF THE WORKS. ALL SURFACE MARKINGS DAMAGED BY THE WORKS SHALL BE FULLY REINSTATED.
- ALL MANHOLES ARE TO BE TYPE 2 (WHERE PPC) OR TYPE 3 (WHERE PPIC) AND BUILT IN ACCORDANCE WITH THE REQUIREMENTS OF SEWERS FOR ADOPTION 7TH EDITION.
- THE CONTRACTOR SHALL MAKE ALLOWANCES FOR MAINTAINING THE FOUL SEWERAGE FLOWS WHILST MAKING THE CONNECTION INTO THE PROPOSED DIVERSION LENGTH OF SEWER. DCWW SHOULD BE CONSULTED PRIOR, DURING AND ON COMPLETION OF THE DIVERSION WORKS.
- SEWERS AND MANHOLE STRUCTURES TO BE ABANDONED ARE TO BE COMPLETELY REMOVED. EXCAVATIONS ARE TO BE REINSTATED WITH WELL COMPACTED TYPE GRANULAR SUB-BASE MATERIAL.
- REFER TO DRG No. 70079262-WSP-DR-505 FOR ADAPTABLE DRAINAGE STANDARD DETAILS FOR MANHOLES AND TRENCH REINSTATEMENT.



THE 500 SERIES DRAWINGS SHOULD BE READ IN CONJUNCTION WITH THE 700 SERIES DRAWINGS LISTED BELOW:

- 70079262-WSP-CV-700 PROPOSED LEVELS
- 70079262-WSP-CV-701 KERB & PAVEMENT COMPOSITION
- 70079262-WSP-CV-702 EXTERNAL STANDARD DETAILS

These notes are based on the use of experienced and competent contractors carrying out the work using an approved safe method of working

- Key to Health and Safety Symbols
- Indicates a residual risk requiring a compulsory action
 - Indicates a residual risk requiring a prohibitive action
 - Indicates a residual risk as a warning

Safety, Health and Environmental Information

Notes below hazards/risks normally associated with this type of work - see General Notes on drawing for details.

- Construction
- CDM-001 Working within excavations to be prohibited unless adequate support is provided in accordance with the Health and Safety Regulations/legislation.
 - CDM-002 Working within the vicinity of live overhead and below ground services and utilities.
 - CDM-003 Working adjacent to the public highway and live traffic. Potential collision with public vehicular traffic.
 - CDM-004 Working in the vicinity of occupied residential dwellings.
- Operations, Maintenance,
- CDM-005 Maintenance of surface water and foul water sewer flows during connections and/or diversions.
- Dismantling / Demolition (Future)
- CDM-006 DCWW public foul sewer to be abandoned on commissioning of proposed Section 185 foul sewer diversion. Contractor to satisfy client site representative that the redundant sewer has been totally removed as per DCWW requirements.

PO2	28/07/2021	CR	AMENDED AS PER ARCHITECT AND WBCB SAB COMMENTS	VM	MAW
PO1	28/06/2021	CR	DRAFT ISSUE - FOR CLIENT COMMENT	VM	MAW
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS: D2 - FOR TENDER



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HEOL OFFA, JOHNSTOWN - WREXHAM

PROPOSED SURFACE AND FOUL WATER DRAINAGE LAYOUT

SCALE @ A1: 1:100	CHECKED: VM	APPROVED: MAW
PROJECT NO: 70079262	DESIGNED: CR	DRAWN: CR
DRAWING NO: 70079262-WSP-DR-501	DATE: APRIL 2021	REV: P02

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TENDER

NOT FOR CONSTRUCTION