



Do not scale from drawings unless by agreement with Architect/Engineer. Work to figured dimensions only. Check all dimensions on site prior to commencing the works. Drawings to be read in conjunction with other relevant consultant information. Where any discrepancy is found to exist it should be reported to the Architect/Engineer immediately.

DRAINAGE LEGEND

PROPOSED STORM SEWER AND MANHOLE

600mm DIA. PRIVATE INSPECTION CHAMBER. TO BE USED WHERE DEPTH TO INVERT IS 3000mm OR LESS. REDUCED ACCESS FITTING REQUIRED AT DEPTHS GREATER THAN 3000mm.

NOTE:
ALL PRIVATE DRAINAGE TO BE 100mm RIGID PIPE OR 110mm FLEXIBLE PIPE UNLESS OTHERWISE SHOWN.
ALL DRAINAGE / PIPE WORK TO BE INSTALLED IN ACCORDANCE WITH BUILDING REGULATIONS APPROVED DOCUMENT PART H 2010 AND RELATIVE GUIDANCE DOCUMENTS, MANUFACTURERS INSTALLATION & GUIDANCE LITERATURE AND NOTES.

GENERAL NOTES:

- THIS DRAWING IS BASED ON ORDNANCE SURVEY AND TOPOGRAPHICAL SURVEY INFORMATION RECEIVED. WE CAN ACCEPT NO LIABILITY FOR DESIGN BASED ON INFORMATION RECEIVED.
- THIS DESIGN HAS BEEN CARRIED OUT TO APPROPRIATE STANDARDS BUT IT IS TO BE CHECKED IN ACCORDANCE WITH PROCUREMENT AND REQUIREMENTS PRIOR TO THE COMMENCEMENT OF WORKS.
- ALL LEVELS, DIMENSIONS AND DETAILS TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OR FABRICATION.
- NO EXISTING BELOW GROUND CONDITIONS HAVE BEEN PROVIDED. THEREFORE, ALL INFORMATION IS TO BE VERIFIED FURTHER TO ANY SITE WORKS.
- NO EXISTING SERVICES INFORMATION HAVE BEEN PROVIDED. THEREFORE, ALL INFORMATION IS TO BE VERIFIED FURTHER TO ANY SITE WORKS.
- EXISTING GROUND LEVELS AND GROUND PROFILES HAVE BEEN TAKEN FROM THE INFORMATION PROVIDED AND AS SUCH ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS. ANY DISCREPANCIES TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

HEALTH & SAFETY AND CDM:

(THE FOLLOWING ARE TO BE READ IN CONJUNCTION WITH CONTRACTORS RISK ASSESSMENTS)

- CONTRACTOR TO UNDERTAKE ALL POSSIBLE PRECAUTIONS WHEN EXCAVATING. ALL EXISTING SERVICES INFORMATION TO BE OBTAINED PRIOR TO THE COMMENCEMENT OF WORKS AND IDENTIFIED ON SITE USING CAT SCANNERS. EXCAVATION TO BE UNDERTAKEN WITH DUE DILIGENCE AND HAND DIGGING TO BE ADOPTED WHERE APPROPRIATE.
- CONTRACTOR TO MINIMISE THE AMOUNT OF TIME ANY EXCAVATIONS REMAIN EXPOSED AND COMPLY WITH LEGISLATIVE AND GOOD PRACTICE GUIDELINES.
- ALL TASKS TO BE UNDERTAKEN BY SUITABLY TRAINED AND EXPERIENCED OPERATIVES FOLLOWING APPROVED METHOD STATEMENTS WITH ADEQUATE RESOURCE ALLOCATED TO EACH TASK.
- FOR ANY WORK REQUIRING COMPACTING OF MATERIALS AND CONCRETE, PERSONNEL TO USE SUITABLE PPE AND USE ONLY LOW VIBRATION EQUIPMENT. AMOUNT OF TIME OF USE TO BE LIMITED TO SAFE LEVELS IN ACCORDANCE WITH CONTRACTORS APPROVED METHOD STATEMENTS.
- APPROPRIATE MANAGEMENT SAFETY PLAN TO BE IN PLACE FOR DEALING WITH POTENTIAL GROUND CONTAMINATION.
- IN ORDER TO ENSURE THAT THE SIDE EXCAVATIONS REMAIN STABLE DURING EXCAVATIONS, CONTRACTOR TO ASSESS STABILITY AND PROVIDE TEMPORARY SHORING TO ENSURE SAFE WORKING AREA.

EXISTING ON-SITE DRAINAGE TO BE ABANDONED/GRUBBED UP SUBJECT TO CONFIRMATION OF UPSTREAM FLOWS. ANY LIVE CONNECTIONS TO BE DIVERTED TO PROPOSED SYSTEMS

CONNECTION TO BE MADE TO EXISTING SYSTEMS. APPROPRIATE DISCHARGE POINT TO BE CONFIRMED ON SITE WITH EXISTING LEVEL TO BE CONFIRMED AND REPORTED TO ENGINEER TO ALLOW FOR UPSTREAM INVERT LEVELS TO BE CHECKED.

Revision	Date	Drawn	Description
T1	01/06/22	AW	Issued for Tender

Client & Project

James Jones P&P Ltd
Wrexham Biomass & Dry Store

Address

JJPPL
Wrexham Industrial Estate,
Oak Road,
Wrexham,
LL13 9RG
Drawing Title

External Drainage Arrangement

Status / Stage	Sheet	Scale @ A1	Drawn	Checked
D1	1 of 1	1:200	AW	CA

Drawing Number	Revision
S1802-BDN-Z2-XX-DR-C-0101	T1

0mm	2.0m	4.0m	8.0m	12.0m
-----	------	------	------	-------

Established 1983.

T: 0191556189 E: enquiries@bdnrdtd.com
W: www.bdnrdtd.com

North East (Head Office)
The Old School, Simpson Street,
Sunderland, SR4 6DR

North West
Room 107, Ulverston Business Centre,
Ulverston, LA12 7UG

BuildingDesignNorthern