N

EXISTING DCWW FOUL SEWER

EXISTING DCWW COMBINED SEWER

SURFACE WATER FROM FRONT OF BUILDING TAKEN TO EXISTING COMBINED SEWER AS PER EXISTING REGIME

PROPOSED FOUL WATER DRAINAGE INTO EXISTING MANHOLE.
IL 29.950m (PROVIDED BY CONTRACTOR)
BACK DROP CONNECTION FROM SITE – 31.00m

PROPOSED SURFACE WATER DRAINAGE TO CONNECT INTO EXISTING MANHOLE.
IL 30.500 (PROVIDED BY CONTRACTOR)
STORM TO CONNECT AT INVERT.
FOUL TO CONNECT VIA BACKDROP @

S7–HB
CL – 32.200
IL – 30.500
HEAD – 1.360
RATE – 2.7LIT/Sec

EXISTING FOUL WATER SYSTEM TO BE GRUBBED UP AND REMOVED

GULLY MUST BE RODDABLE TO FACILITATE A DOWNSTREAM BLIND CONNECTION TO NEW FOUL SEWER. TRAP REQUIRED.

DRAINAGE RUNS WITHIN NEW RAFT TO DROP BELOW ALL FOUNDATIONS, LINE TO BE ENCASED IN CONCRETE.

SURFACE WATER FROM REAR OF PROPOSED EXTENSION ROOF TO BE TAKEN TO PROPOSED RAIN GARDEN VIA ACO CHANNEL

PROPOSED RAIN GARDEN
DEPRESSION DEPTH – 150mm
SOIL DEPTH – 500mm
CLEAN STONE – 150mm.
SYSTEM TO BE LINED DUE TO CONTAMINATION

FOUL LINEAR DRAINAGE CHANNEL TO BIN STORE AREA

PROPOSED PERMEABLE PAVING.
MINIMUM SUB–BASE STORAGE DEPTH 370mm. SYSTEM TO BE LINED DUE TO CONTAMINATION LEVELS

FFL 32.600

100mmø @ 1:80 · 150mmø @ 1:150 · 225mmø @ 1:14 · 150mmø @ 1:135 · 225mmø @ 1:175 · 150mmø @ 1:135 – S9 · 225mmø PERFORATED PIPE LAID FLAT

6.00 · 2.60 · 4.80 · 6.00 · 4.50

S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 · F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16

Ynysderw Road · Llys Glanrafon

GENERAL NOTES

1. DO NOT SCALE THIS DRAWING.
2. CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ENGINEER.
3. ANY DISCREPANCY TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
4. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
5. 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 CB3 CONSULTANT PRIOR TO PERMITTING THIS DRAWING TO BE USED IN CONNECTION WITH ANY CONSTRUCTION WORKS.
6. BEFORE COMMENCEMENT OF ANY WORKS ASSOCIATED WITH THE DRAWING REFER TO ALL RELEVANT HEALTH AND SAFETY INFORMATION FOR THE WORKS INCLUDING RESIDUAL RISK INFORMATION. HE 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.
7. INFORMATION REGARDING THE LOCATION AND DEPTH OF EXISTING SERVICES CANNOT BE GUARANTEED BY THE STATUTORY UNDERTAKER.
8. THIS DRAWING HAS BEEN BASED ON INFORMATION PROVIDED BY OTHER PARTIES AND CB3 CONSULT 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 LEVEL'S 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.
9. TEMPORARY WORKS DESIGN ASSOCIATED WITH THE CONSTRUCTION OF THE WORKS SHALL BE RESPONSIBILITY OF THE CONTRACTOR.
10. 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.

KEY

- PROPOSED SURFACE WATER PRIVATE
- PROPOSED SURFACE WATER PRIVATE PERFORATED
- PROPOSED FOUL PRIVATE
- EXISTING FOUL
- EXISTING SURFACE WATER
- COMBINED SEWER
- SEWERS TO BE REMOVED
- OVERFLOW CHAMBER
- FOUL LINEAR DRAINAGE CHANNEL
- PERMEABLE PAVING
- IMPERMEABLE PAVING
- RAIN GARDEN
- LINEAR DRAINAGE CHANNEL

DRAINAGE NOTES

1. DRAINAGE DESIGN AND CONSTRUCTION IN ACCORDANCE WITH SEWERS FOR ADOPTION 7TH EDITION AND THE REQUIREMENTS OF THE STATUTORY UNDERTAKER.
2. THE ADOPTABLE DRAINAGE SYSTEMS SUBJECT TO A S104 AGREEMENT NEEDS TO BE IN PLACE PRIOR TO CONSTRUCTION WORK COMMENCING.
3. ANY CONNECTIONS TO THE PUBLIC SEWERS REQUIRE SECTION 106 APPROVAL PRIOR TO CONNECTION TAKING PLACE.
4. ALL WORK TO BE CARRIED OUT IN CONNECTION WITH SEWERS AND MANHOLES TO BE IN ACCORDANCE WITH THE HEALTH AND SAFETY GUIDELINE NO. 2 'SAFE WORKING IN SEWERS AND SEWAGE WORKS'.
5. THE COVER AND INVERT LEVELS OF ANY EXISTING MANHOLES ARE TO BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF THE WORKS. ALSO TO INCLUDE VERIFICATION OF MANHOLE AND PIPE DIAMETERS.
6. PRIOR TO LAYING ANY MATERIAL THE SUBGRADE MUST BE INSPECTED AND ANY SOFT SPOTS REMOVED AND FILLED WITH TYPE 1 MATERIAL TO SHW CLAUSE 803–14.
7. RAINWATER DOWN PIPES ARE TO BE CONNECTED DIRECTLY TO THE DRAIN VIA A SUITABLE ADAPTOR REMOVABLE TO

Rev.	Detail	By	Date

Revisions

Reinforcement schedules nos.

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Client: TAD BUILDERS

Project: PROPOSED RESIDENTIAL DEVELOPMENT AT TY MAWR, PONTARDAWE

Drawing Title: DRAINAGE LAYOUT

CONSTRUCTION

Project No.	Drawing No.	
C2143	C–002	
Scales: 1:100	Date: 13.12.23	Revision
Drawn: CG / Checked: DF	Sheet Size: A1	

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