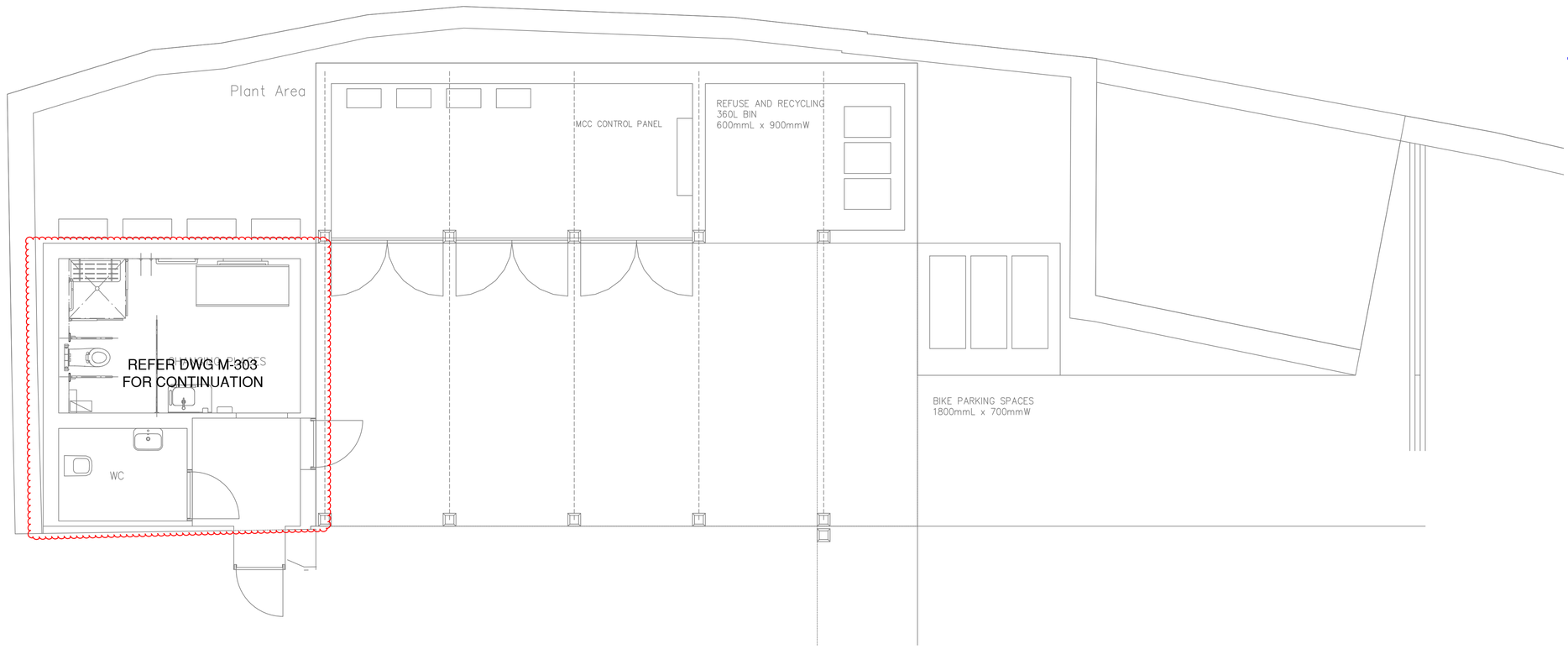

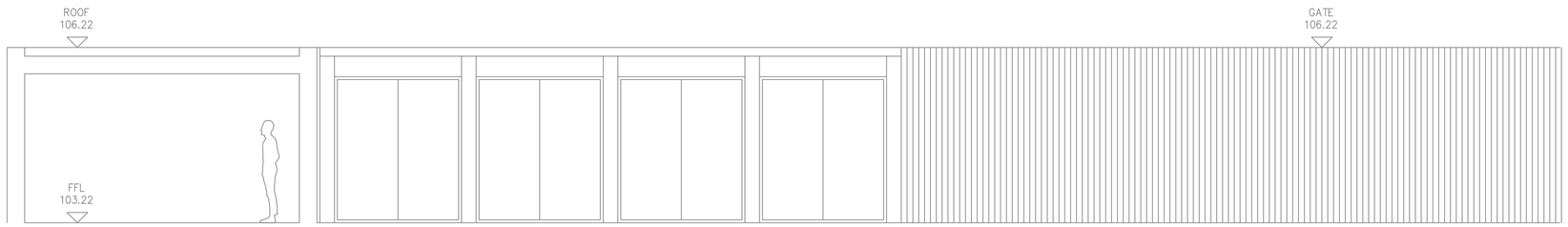

THIS DRAWING IS THE PROPERTY OF DELAP & WALLER AND MAY ONLY BE USED WITH THEIR WRITTEN APPROVAL.

DO NOT SCALE FROM THIS DRAWING.

GENERAL NOTES.

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

THIS DRAWING IS NOT AN INSTALLATION DRAWING.THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRODUCTION OF FABRICATION AND INSTALLATION DRAWINGS, SHALL BE FAMILIAR WITH OTHER WORKS PACKAGES WHICH DIRECTLY INTERFACE WITH HIS PACKAGE AND COORDINATE WITH THE FABRICATION AND INSTALLATION DRAWINGS ACCORDINGLY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, SUPPLY AND INSTALLATION OF SUPPORTS, BRACKETING SYSTEMS, AND SECONDARY STEELWORK SUPPORTS REQUIRED FOR THIS WORKS PACKAGE, UNLESS OTHERWISE STATED.

SHOULD ANY DISCREPANCIES BE APPARENT IN THIS DRAWING, THE ENGINEER SHALL BE MADE AWARE OF THIS FOR FURTHER ACTION.

LEGEND

VCD....VOLUME CONTROL DAMPER
FD.... FIRE DAMPER
FA.... FROM ABOVE
FB.... FROM BELOW
TA.... TO ABOVE
TB.... TO BELOW
FD.... FIRE DAMPER
BDS....BACK DRAFT SHUTTER
VCD....VOLUME CONTROL DAMPER
BU.....BUILDERS UPSTAND

CEILING MOUNTED FIRE RATED EXTRACT VALVE

AERECO ETH 969 WALL MOUNTED INTAKE GRILLE WITH INSECT GRILLE AND ACOUSTIC FOAM INSERTS

FAN DEMAND CONTROL VENTILATION FAN

PIR DELAY PIR SENSOR

VMS HUMIDITY SENSITIVE EXTRACT

VB HUMIDITY SENSITIVE EXTRACT, DELAY PIR UNIT, BOOST MOTION SENSOR

VENTILATION SERVICES NOTES:

1. ALL DUCTWORK TO BE Ø125 SMOOTH ROUND OR 204x60mm RECTANGULAR DUCTING UNLESS OTHERWISE STATED ALL FITTINGS TO BE DUMAS COMPONENTS. OR EQUAL APPROVED.
2. FIRE DAMPERS TO BE INSTALLED IN ALL FIRE WALLS AND TO BE DUMAS SYSTEM 25 INTUMESCENT DUCT CLOSER 2 HOUR FIRE RATED TESTED TO BS 476 PART 20; 1987.
3. SILENCER TO BE FITTED TO ALL SUPPLY VALVES AS INDICATED
4. ALL JOINTS TO BE TAPED AND SEALED.
5. ALL KITCHEN EXTRACT HOODS - BY OTHERS
6. ALL DUCTWORK SIZES ARE SPECIFIED AS INTERNAL AIR SIZES.
7. CONNECTIONS TO FAN UNIT TO BE 600 MM LONG FLEX DUCT WITH ACOUSTIC INSULATION
8. BOOST OPERATE ON PIR IN BATHROOM / ENSUITE, BOOST OPERATE ON BOOST BUTTON IN KITCHEN.
9. REFER TO SPECIFICATION FOR FURTHER REQUIREMENTS.
10. ANY PENETRATIONS THROUGH A FIRE WALL/CEILING MUST BE FIRE PROTECTED TO THE SAME RATING AS THE PENETRATED FIRE WALL/CEILING.

EXTRACT RATES	
KITCHEN	13 L/S
UTILITY	8 L/S
BATHROOM	8 L/S
W.C.	6 L/S

REV	BY	DESCRIPTION	DATE
T02	SVB	ISSUED FOR TENDER	06.05.2026
T01	DP	ISSUED FOR TENDER	22.08.2025
T	JW	ISSUED FOR TENDER	05.06.2025

PROJECT:
22195
DAN BREEN HOUSE
TIPPERARY

Delap & Waller
www.delapandwaller.com
info@delapandwaller.com
Antrim: T +44 (0) 28 9448 3800
Dublin: T +353 (0) 1 535 5900
London: T +44 (0) 20 8059 7373

CLIENT:
TIPPERARY COUNTY COUNCIL
NORTH TIPPERARY CIVIC OFFICES, LIMERICK ROAD, KNOCKANPIERCE, NENAGH, CO. TIPPERARY

ARCHITECT:
ROBIN LEE ARCHITECTURE

SCALE AT A1:	CHK: JW	APP: JW
1:100	DES: SVB	DRW: SVB

WORK PACKAGE:
M&E DESIGN

DRAWING TITLE:
PLANT ROOM LAYOUT-
NORTHERN EDGE, LOWER GROUND

DRAWING NUMBER:
22195-LXX-DR-DLW-M-304

STATUS:	REV:
TENDER	T02