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.

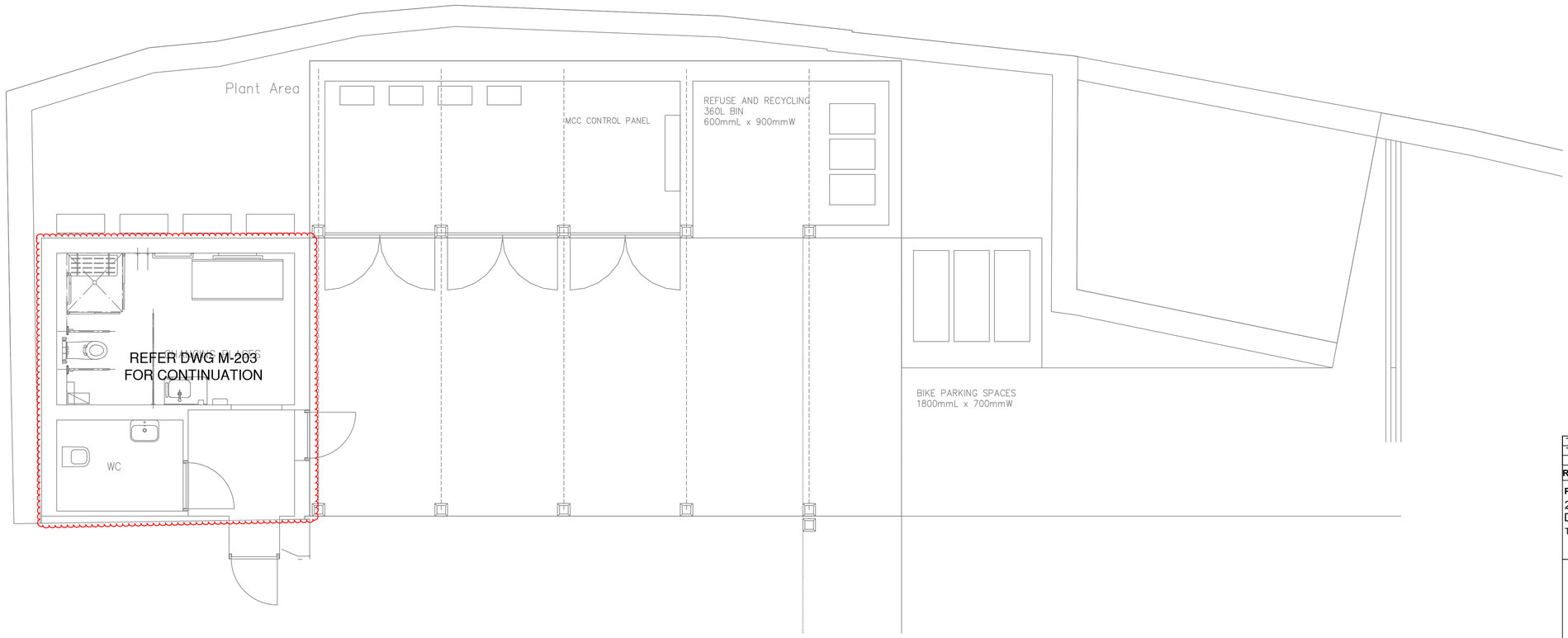
THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS

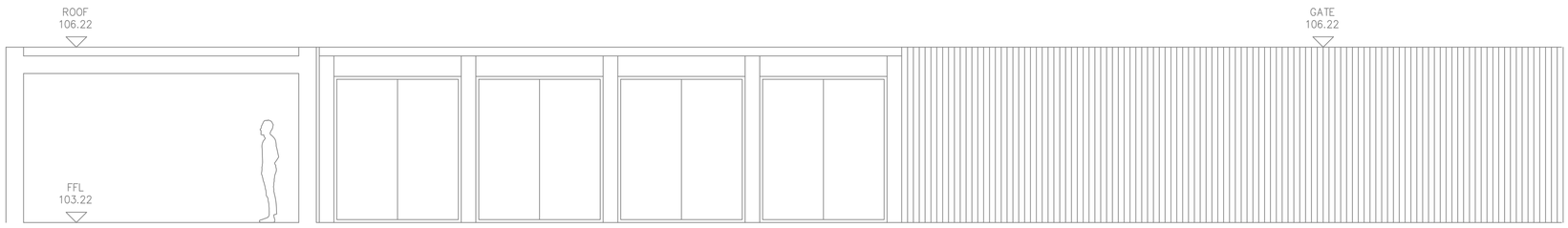
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

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

	PIPEWORK IN CEILING SPACE
	PIPEWORK AT HIGH LEVEL
	PIPEWORK AT LOW LEVEL
	PIPEWORK IN FLOOR VOID
IV	ISOLATING VALVE
M	WATER METER
	WATER MANIFOLD
DTLL	DROP TO LOW LEVEL
TA	TO ABOVE
FA	FROM ABOVE
TB	TO BELOW
FB	FROM BELOW
DTFV	DROP TO FLOOR VOID
DTFF	DROP TO FALSE FLOOR
RFFF	RISE FROM FALSE FLOOR
RFFV	RISE FROM FLOOR VOID
MWS	MAIN WATER SERVICES
CWS	COLD WATER SERVICES
BCWS	BOOSTED COLD WATER SERVICES
HWS	HOT WATER SERVICES
D/W	DISHWASHER
W/M	WASHING MACHINE

WATER SERVICES NOTES

1. VALVES 50mm AND SMALLER TO BE GIACOMINI BALL TYPE R750D OR EQUAL & APPROVED.
2. VALVES 65mm AND GREATER TO BE FLANGE GUNMETAL GATE VALVES TO BS 5154.
3. BALLOFIX VALVES TO BE FITTED ON CONNECTIONS TO EACH FIXTURE.
4. FINAL VALVE POSITIONS TO BE AGREED FOR ACCESS/CONCEALMENT DETAILS.
5. ALL PIPEWORK TO BE LAID IN CURVES TO ALLOW FOR EXPANSION.
6. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS & SPECIFICATIONS.
7. THE COLD TAP SHALL ALWAYS BE INSTALLED ON THE RIGHT HANDSIDE OF SINKS & WASH HAND BASINS.
8. ALL PIPEWORK IN UN-HEATED SPACE TO BE INSULATED WITH 18MM WALL THICKNESS
9. FINAL CONNECTIONS SHALL BE AS FOLLOWS:

   WC - 15Ø CWS WC
   WHB - 15Ø CWS, 15Ø HWS
   SHOWER - 15Ø CWS, 15Ø HWS
   SINK - 22Ø MWS, 22Ø HWS
   BATH - 22Ø MWS, 22Ø HWS
   WASHING MACHINE - 15Ø CWS
   DISHWASHER - 15Ø CWS

10. PIPEWORK ROUTES ARE INDICATIVE AND FOR PRICING PURPOSES ONLY

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

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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:
WATER SERVICES LAYOUT-
NORTHERN EDGE, LOWER GROUND

DRAWING NUMBER:
22195-LXX-DR-DLW-M-204

STATUS:	REV:
TENDER	T02