

- 1) Do not scale services equipment from this drawing.
2) All dimensions should be checked on site.
3) Any drawing errors or discrepancies should be brought to the attention of Geaney Engineering Consultants at the address shown below.
4) Drawing to be read in conjunction with all other drawings and documentation.

NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, PLUMBING & STRUCTURAL DRAWINGS & SPECIFICATIONS.
2. THE MECHANICAL CONTRACTOR SHALL CO-ORDINATE ALL SERVICES FULLY WITH ALL TRADES BEFORE COMMENCING WORK.
3. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS SHALL BE TAKEN ON SITE.
4. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION TO ALLOW PROPER CO-ORDINATION OF ALL SERVICES.
5. CONSULTANTS HAVE NOT BEEN ADVISED OF ANY EXISTING SERVICES OR OBSTACLES. CONSULTANTS WILL NOT BE LIABLE FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY CAUSED BY ANY SERVICES.
6. EXACT LOCATION OF ALL SERVICES SHALL BE AGREED WITH THE EMPLOYERS REPRESENTATIVE PRIOR TO COMMENCEMENT ON SITE.
7. ALL SERVICES SHOWN ON THIS DRAWING SHALL BE INCLUDED IN THE FINAL SCHEME OF ALL EQUIPMENT SHALL BE APPROVED BY CLIENT, ARCHITECT AND BUILDING SERVICES ENGINEER PRIOR TO ORDERING.
8. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.

DOMESTIC WATER SERVICES NOTES:

1. PROVIDE BALLAST VALVES ON ALL FINAL CONNECTIONS TO FIXTURES.
2. ALLOW FOR BRAIN COCKS AT END OF ALL LOW LEVEL PERFORM BRANCHED.
3. ANY EXPOSED PERFORM TO FIXTURES SHALL BE CHROME PLATED.
4. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY SUFFICIENT FINAL WATER SUPPLY TO ALL FIXTURES.
5. ALL PERFORM IN PLANT ROOMS, ATTIC SPACES, CEILING VOID AND SERVICES RISERS SHALL BE INSULATED AS SPECIFIED IN THE TENDER DOCUMENTS.
6. PERFORM RUN AT HIGH LEVEL/IN CEILING VOIDS SHALL BE MOUNTED ON WID PERFORM RUNS OR INSULATION MUST BE TO AND BE SUFFICIENTLY SUPPORTED STRUCTURE AT MINIMUM 15mm CENTRES - LINED WITH STRUCTURAL ENGINEER PRIOR TO COMMENCING WORK.
7. CONNECT RISERS TO PIPES WITHIN 60 METRES OF OUTLETS.
8. ALL SHOWER WARE & TAPS SHALL BE TWO DOB COMPLIANT.
9. HOT WATER FROM TAPS TO BE SET AT 45°C MAXIMUM.
10. PERFORM WASTE WATERS PERFORM SHALL BE NON-VOLATILE PERFORM - IT SHALL BE PLASTIC BARBER PERFORM, METALLIC COMPOSITE PPE, BY JUNKER OR EQUIVALENT.
11. REQUIRED FOR COORDINATION WITH SERVICE OPENINGS, STRUCTURAL ELEMENTS AND OTHER SERVICES.
12. ALL PIPED SERVICES PENETRATING THROUGH WALLS AND FLOOR COMPONENTS SHALL BE PROTECTED BY A MINIMUM OF 15mm CONCRETE OR EQUIVALENT.
13. ALL NEW WATER HEADERS SHALL BE TAPED GLOBE CONTROLLED AT THE RESERVE DISTRIBUTION BOARD (BY ELECTRICAL CONTRACTOR).

DOMESTIC WATER SERVICES LEGEND:

- WATER SERVICES (PREFER ORITE/CONNECTION)
TAP/W* THERMOSTATIC MIXING VALVE
ELECTRIC WATER HEATER
PPE AT LOW LEVEL
PPE AT HIGH LEVEL
PPE AT HIGH LEVEL CONCEALED IN CEILING VOID

FIRE FIGHTING NOTES:

1. FIRE EXTINGUISHER INSTALLATION SHALL BE IN ACCORDANCE WITH I.S. 291:2015 SELECTION, COMMISSIONING, INSTALLATION, INSPECTION AND MAINTENANCE OF PORTABLE FIRE EXTINGUISHERS.
2. ALL ELECTRICAL DISTRIBUTION BOXES SHALL HAVE A CHARGE INDICATOR FIRE EXTINGUISHER LOCATED ADJACENT TO THEM.
3. BURNING APPLIANCES NOT BE PLACED OVER, OR ADJACENT TO RADIATORS OR HEAT EXCHANGERS MUST NOT BE LOCATED WHERE THEY MAY BE EXPOSED TO CORROSIVE VAPOURS OR TO SPRAYING BY CORROSIVE FLUIDS.
5. ALL FIRE FIGHTING SHALL HAVE SUFFICIENT SPACE WHICH HAVE LOCATIONS IN ACCORDANCE WITH I.S. 291:2015 AND THE SAFETY, HEALTH AND WELFARE AT WORK ACT IN DIRECT VIEW.
6. EXTINGUISHER IS TAPS SHALL BE DISPLAYED ABOVE EACH EXTINGUISHER WHICH DISPLAYS USES AND INSTRUCTIONS IN ACCORDANCE WITH I.S. 291:2015.

Revision	Description	Date	Drawn	Checked
1	Construction Issue	May 2026	RJM	CG
0	Construction Issue	April 2024	RJM	CG

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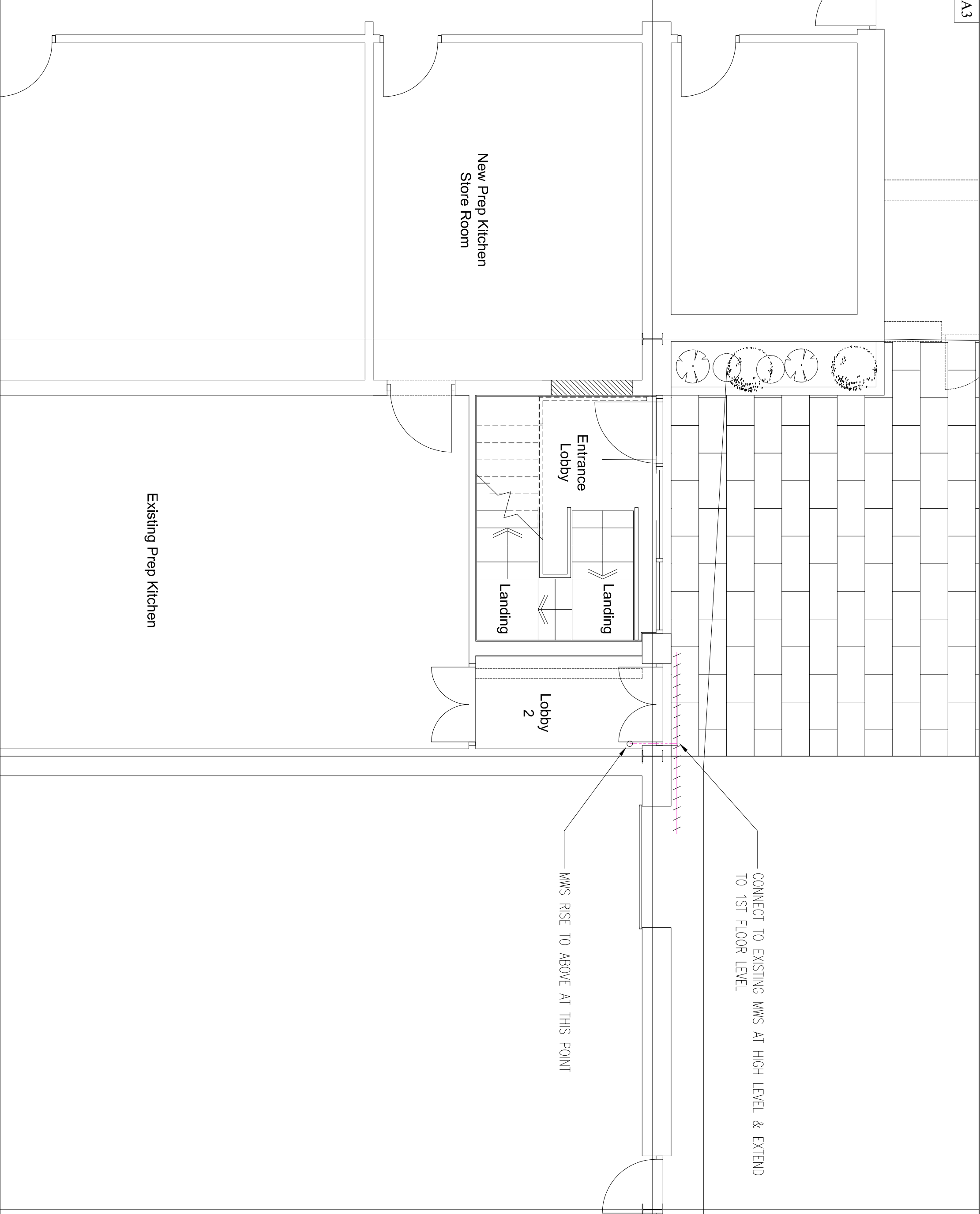
project title:
Dunhill Eco Centre
Proposed Offices
Dunhill, Co. Waterford

drawing title:
Water Services Layout
Ground Floor

architect: **The E Project Chartered Architects**

scale: **1:100 @ A3**

drawing number: **M3** project number: **0595**



Existing Prep Kitchen

New Prep Kitchen
Store Room

Entrance
Lobby

Landing

Landing

Lobby
2

CONNECT TO EXISTING MWS AT HIGH LEVEL & EXTEND
TO 1ST FLOOR LEVEL

MWS RISE TO ABOVE AT THIS POINT