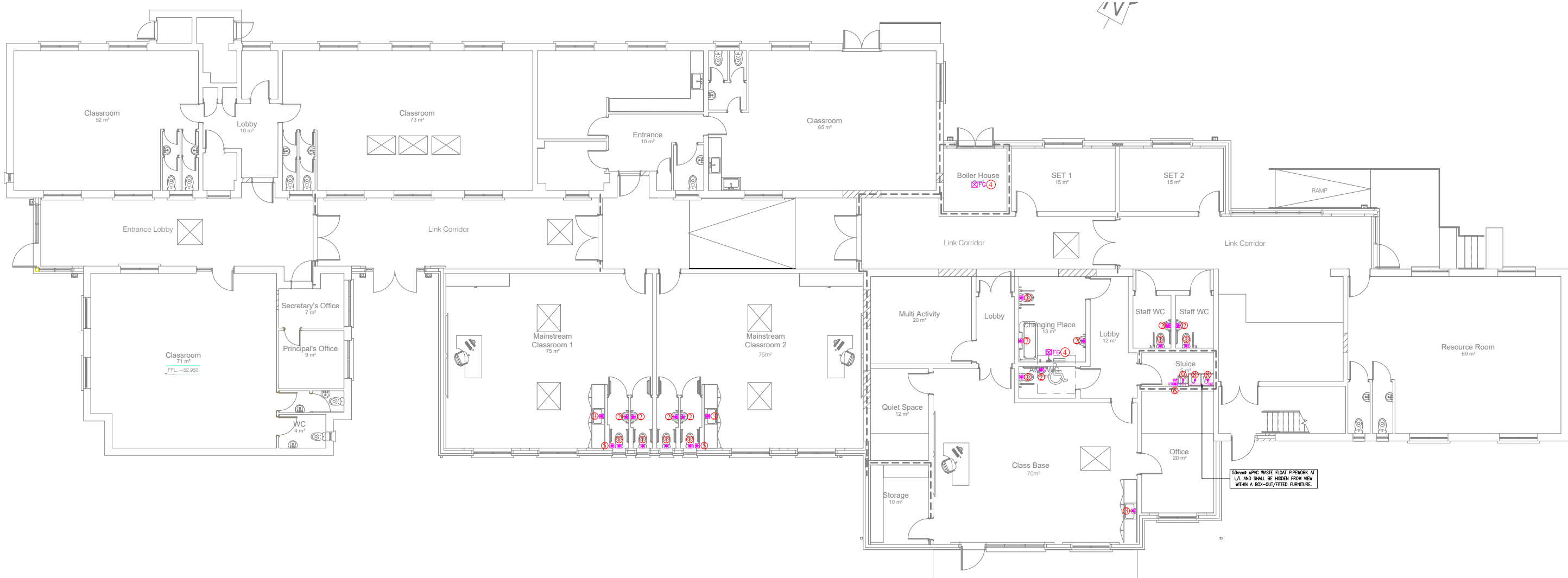




SOILS AND WASTES SERVICES LAYOUT (SCALE 1:100)

SOILS AND WASTE SYMBOLS.

- 1 NEW 110mmØ WASTE POP-UP. CONTRACTOR SHALL ALLOW FOR CONNECTING THE 110mmØ WASTE PIPEWORK FROM THE WC TO THE 110mmØ POP-UP. BUILDERS WASTE SOCKET IN FLOOR SHALL BE COMPLETED BY MAIN CONTRACTOR.
- 2 NEW 50mmØ WASTE POP-UP. CONTRACTOR SHALL ALLOW FOR CONNECTING THE 32mmØ WASTE PIPEWORK FROM THE WHB TO THE 50mmØ POP-UP. BUILDERS WASTE SOCKET IN FLOOR SHALL BE COMPLETED BY MAIN CONTRACTOR.
- 3 NEW 50mmØ WASTE POP-UP. CONTRACTOR SHALL ALLOW FOR CONNECTING THE 40mmØ WASTE PIPEWORK FROM THE SINK TO THE 50mmØ POP-UP. BUILDERS WASTE SOCKET IN FLOOR SHALL BE COMPLETED BY MAIN CONTRACTOR.
- 4 150mm X 150mm FLOOR GULLEY. FLOOR GULLEY SHALL BE CONNECTED TO NEW 110mmØ BUILDERS WORK FLOOR SOCKET. BUILDERS WASTE FLOOR SOCKET SHALL BE INSTALLED BY THE MAIN CONTRACTOR.
- 5 NEW 110mmØ WASTE FLOOR SOCKET FOR SOIL VENT PIPE (SVP). BUILDERS WASTE FLOOR SOCKET SHALL BE INSTALLED BY THE MAIN CONTRACTOR. SVP SHALL RISE TO THE ROOF LEVEL AND EXTEND 1000mm ABOVE ROOF LEVEL. ALLOW FOR A PIPEWORK RISE OF APPROXIMATELY 4000mm FROM GROUND LEVEL TO ROOF LEVEL.
- 6 NEW 50mmØ WASTE POP-UP. WASTE FLOOR SOCKET SHALL BE INSTALLED BY THE MAIN CONTRACTOR.
- 7 NEW 40mmØ WASTE PIPEWORK FROM BATH. WASTE PIPEWORK SHALL BE CONNECTED TO NEW 50mmØ WASTE FLOAT PIPEWORK WHICH SHALL BE CONNECTED TO A NEW 50mmØ BUILDERS WORK FLOOR SOCKET. BUILDERS WASTE SOCKET IN FLOOR SHALL BE COMPLETED BY MAIN CONTRACTOR.
- 8 NEW 40mmØ WASTE PIPEWORK FROM KITCHEN APPLIANCE. WASTE PIPEWORK SHALL BE CONNECTED TO NEW 50mmØ WASTE FLOAT PIPEWORK WHICH SHALL BE CONNECTED TO A NEW 50mmØ BUILDERS WORK FLOOR SOCKET. BUILDERS WASTE SOCKET IN FLOOR SHALL BE COMPLETED BY MAIN CONTRACTOR.
- 9 NEW 40mmØ WASTE PIPEWORK FROM SLUICE SINK. WASTE PIPEWORK SHALL BE CONNECTED TO NEW 50mmØ WASTE FLOAT PIPEWORK WHICH SHALL BE CONNECTED TO A NEW 50mmØ BUILDERS WORK FLOOR SOCKET. BUILDERS WASTE SOCKET IN FLOOR SHALL BE COMPLETED BY MAIN CONTRACTOR.
- EXPOSED WASTE PIPEWORK AND WASTE PIPEWORK AT L/L IN FURNITURE
- FC FIRE COLLAR INSTALLED ON WASTE PIPEWORK PASSING THROUGH FIRE COMPARTMENT FLOOR OR WALL.
- ICE CLEANING EYE
- NEW SOILS/WASTE POP-UP
- FG NEW FLOOR GULLEY
- SVP SOIL VENT PIPE
- WC WATER CLOSET
- WHB WASH HAND BASIN
- T/A TO ABOVE
- L/L LOW LEVEL
- H/L HIGH LEVEL
- ICE FLOAT WASTE DISCHARGE PIPE

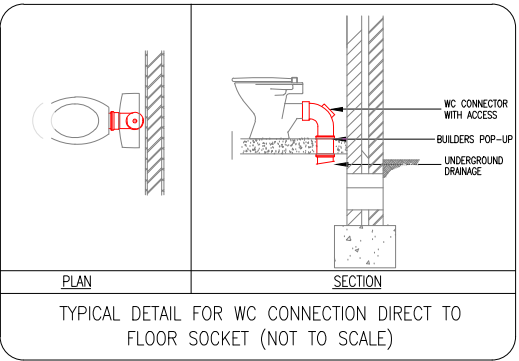
GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL DRAWINGS & SPECIFICATIONS.
- THE CONTRACTOR SHALL CO-ORDINATE FULLY WITH ALL OTHER TRADES BEFORE COMMENCING WORK. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL THE NECESSARY INFORMATION TO ALLOW THE MAIN CONTRACTOR CO-ORDINATE ALL SERVICES.
- THE MECHANICAL CONTRACTOR SHALL ALLOW FOR CO-ORDINATING THE MECHANICAL INSTALLATION WITH THE ELECTRICAL CONTRACTOR ON SITE. EXTRA COSTS INCURRED DUE TO THE CO-ORDINATION EXERCISE NOT BEING COMPLETED WILL NOT BE ACCEPTED BY THE ENGINEER.
- DO NOT SCALE THIS DRAWING. ALL DIMENSIONS TO BE TAKEN ON SITE.
- THE CONTRACTOR SHALL ALLOW FOR THE SUPPLY AND INSTALLATION OF ALL MECHANICAL SERVICES INDICATED ON THIS DRAWING.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY SUITABLE FINAL ROUTES FOR PIPEWORK, MECHANICAL SERVICES, ETC. AS INDICATED ON THE DRAWINGS.
- NEW MAINS RUN OF MECHANICAL PIPEWORK SHALL BE INSTALLED IN THE AREAS AS INDICATED. THIS IS INDICATIVE ONLY AND IF THE CONTRACTOR FINDS A MORE CONVENIENT ROUTE FOR THE MECHANICAL SERVICES ON SITE THEN THAT WILL BE ACCEPTABLE.
- FINAL LOCATION OF ALL ITEMS OF PLANT/EQUIPMENT/PIPEWORK, ETC. SHALL BE AGREED ON SITE WITH THE EMPLOYERS REPRESENTATIVE AND THE CLIENT.
- ALL SERVICES THROUGH FIRE BARRIERS SHALL BE SLEEVED EACH SIDE OF THE BARRIER. THE MAIN CONTRACTOR SHALL ALLOW FOR FIRE PROOFING THE OPES AFTER SERVICES IS INSTALLED.
- THE CONTRACTOR SHALL ALLOW FOR ALL NECESSARY LABOUR, WIRING AND ATTENDANCES IN COMPLETING ALL THE MECHANICAL WORKS AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS.

WASTE SERVICES NOTES:

- A NEW SOILS AND WASTE SERVICES INSTALLATION SHALL BE SUPPLIED AND INSTALLED THROUGHOUT THE BUILDING BY THE MECHANICAL CONTRACTOR FOR THE REMOVAL OF WASTE WATER AND SOILS FROM THE BUILDING.
- THE MECHANICAL CONTRACTOR SHALL CO-ORDINATE THE FINAL POSITIONS OF ALL EQUIPMENT & SERVICES WITH ALL OTHER TRADES. EXTRA COSTS INCURRED DUE TO THE CO-ORDINATION EXERCISE NOT BEING COMPLETED WILL NOT BE ACCEPTED BY THE ENGINEER.
- MECHANICAL CONTRACT INCLUDES ALL ABOVE GROUND SOILS AND WASTES, SOIL VENT PIPES, FLOOR GULLIES, TRAPS AND ROOF COWLS. THE CONTRACTOR SHALL ALLOW FOR THE FOLLOWING CONNECTIONS TO ALL APPLIANCES WITHIN THE BUILDING WHETHER INDICATED OR NOT. IN GENERAL, THE CONTRACTOR SHALL ALLOW FOR THE FOLLOWING CONNECTIONS TO THE FOLLOWING APPLIANCES:

	CONNECTION	SEAL DEPTH
WC	- 110mmØ	50mm
WHB	- 32mmØ	75mm
SINK	- 40mmØ	75mm
DISHWASHER	- 40mmØ	75mm
FLOOR GULLEY	- 110mmØ	50mm
SHOWER	- 40mmØ	75mm
SLUICE SINK	- 110mmØ	50mm
- SOILS & WASTE PIPEWORK SHALL GENERALLY BE INSTALLED IN uPVC WAVIN PIPING AND SHALL INCLUDE ALL PIPEWORK, AIR VENTS, ANTI-SIPHONS AND TRAPS.
- THE SOILS AND WASTES INSTALLATION SHALL BE INSTALLED IN ACCORDANCE WITH BUILDING REGULATIONS, RELEVANT CORPORATION BYE-LAWS, BS EN 12056-2:2000, BS 5572:1994 - CODES OF PRACTICE FOR SANITARY INSTALLATIONS.
- JOINTS AND CONNECTIONS IN SOILS & WASTE SHALL BE MADE WITH SOLVENT, FUSION SOCKET OR SYNTHETIC O-RINGS AS APPROPRIATE IN ACCORDANCE WITH BS 2492:1999
- ALL TRAPS TO BE BOTTLE TYPE (ANTI-SIPHON TYPE). THE KITCHEN SINK SHALL BE FITTED WITH COPPER DRAINS.
- CLEANING EYES SHALL BE PROVIDED AS INDICATED FOR CLEANING BLOCKAGES AS NECESSARY. THE CONTRACTOR SHALL ALLOW FOR ADEQUATE ACCESS TO THE INSTALLATION TO ALLOW CLEANING AND TESTING.
- ALL BENDS AND CHANGES IN DIRECTION TO BE EASY-SEEK TYPE.
- FIRE COLLARS TO BE INSTALLED ON ALL SOILS & WASTES PIPEWORK AS THEY PASS THROUGH FIRE COMPARTMENT WALLS AND FLOORS. FIRE COLLARS SHALL BE INSTALLED ON ALL PIPEWORK THAT PENETRATES FIRE WALLS OR COMPARTMENTS.
- FINAL LOCATIONS OF BUILDERS FLOOR SOCKETS IN FLOOR SLABS FOR THE SOILS AND WASTES INSTALLATION SHALL BE FINALISED BETWEEN THE MAIN CONTRACTOR AND THE MECHANICAL CONTRACTOR BEFORE INSTALLATION. THE MECHANICAL CONTRACTOR SHALL MAKE A PERSON AVAILABLE TO THE MAIN CONTRACTOR TO CONFIRM LOCATIONS OF ALL BUILDERS WASTE FLOOR SOCKETS THROUGHOUT THE BUILDING.
- ALL WASTE SERVICES PIPEWORK IN THE CEILING VOID, ABOVE THE CEILING OR LOCATED IN VOIDS, ETC. SHALL BE INSULATED AS DESCRIBED IN THE SPECIFICATIONS.



T1	21.07.26	R. WHYTE	G. BENNDORF
REV	DATE	PREPARED BY/PROJECT ENGINEER	QUALITY CHECK BY:

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SERVICES LAYOUT.**

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Unit 4B, Elm House
Millennium Park, Naas
Co.Kildare, Ireland

Scale:
1:100 @A1

Drawn By:
ROBERT WHYTE

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