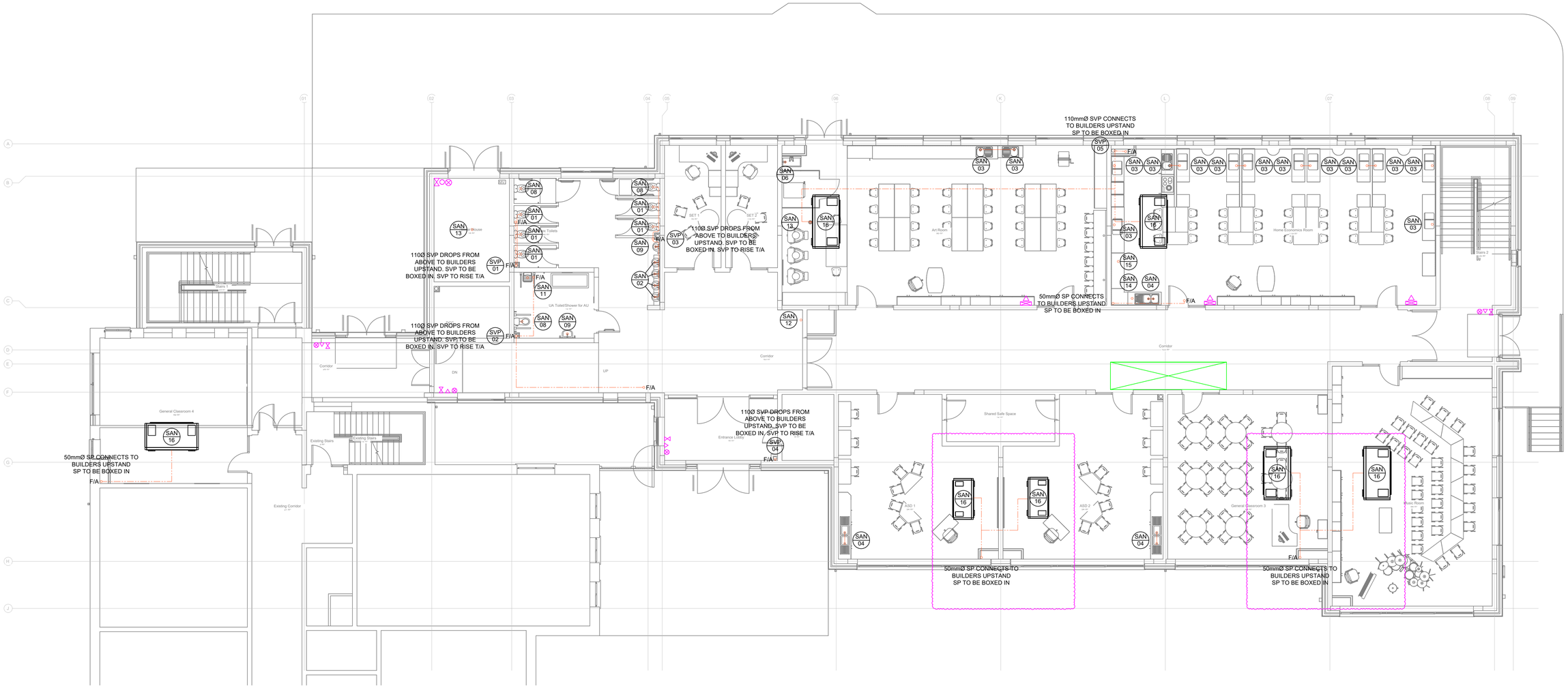

SOILS & WASTES KEY

SAN 01	110mm SOIL PIPE FROM CC W.C. PAN CONNECTS TO BUILDERS UP-STAND / SOIL STACK.
SAN 02	32mm TRAPPED WASTE FROM WASH HAND BASIN CONNECTS TO BUILDERS UP-STAND / SOIL STACK. 50mm WASTE FROM 1no. IN BACK TO BACK ARRANGEMENT
SAN 03	40mm WASTE FROM CLASSROOM SINGLE SINK CONNECTS TO BUILDERS UP-STAND / SOIL STACK.
SAN 04	40mm WASTE FROM CLASSROOM DOUBLE SINK CONNECTS TO BUILDERS UP-STAND / SOIL STACK.
SAN 05	40mm WASTE FROM SCIENCE LAB / CLASSROOM SINK CONNECTS TO BUILDERS UP-STAND / SOIL STACK.
SAN 06	40mm WASTE FROM ART ROOM PREP / CLASSROOM SINK CONNECTS TO BUILDERS UP-STAND / SOIL STACK.
SAN 07	40mm WASTE FROM SCIENCE ROOM PREP SINK CONNECTS TO BUILDERS UP-STAND / SOIL STACK.
SAN 08	110mm SOIL PIPE FROM ACC. W.C. PAN CONNECTS TO BUILDERS UP-STAND / SOIL STACK.
SAN 09	32mm TRAPPED WASTE FROM ACC. WASH HAND BASIN CONNECTS TO BUILDERS UP-STAND / SOIL STACK.
SAN 10	32mm WASTE FROM FUME CUPBOARD TO BUILDERS UP-STAND / SOIL STACK.
SAN 11	40mm TRAPPED WASTE FROM DIS SHOWER. CONNECTS TO BUILDERS UPSTAND/ SOIL STACK.
SAN 12	40mm WASTE FROM DRINKING WATER REFILL STATION TO BUILDERS UP-STAND / SOIL STACK.
SAN 13	110mm FLOOR GULLY CONNECTS TO BUILDERS UP-STAND / SOIL STACK.
SAN 14	40mm WASTE FROM DISHWASHER CONNECTS TO BUILDERS UPSTAND. SOILS OR HEADER. (DISH WASHER TRAP REQ.)
SAN 15	40mm WASTE FROM WASHING MACHINE CONNECTS TO BUILDERS UPSTAND. SOILS OR HEADER. (WASHING MACHINE TRAP REQ.)
SAN 16	40mm WASTE FROM INDOOR UNIT CONNECTS TO BUILDERS UP-STAND / SOIL STACK.
SVP 01	110mm SVP FROM GROUND CONNECTION THROUGH ROOF TO A HEIGHT OF 600mm ABOVE HIGHEST EAVES

NOTE: REFER TO ARCHITECTS SANITARY WARE SCHEDULE FOR FULL SPECIFICATION.

ALL BUILDERS UPSTANDS TO BE 110mm Ø

PIPEWORK KEY

PIPEWORK AT HIGH LEVEL

PIPEWORK AT HIGH LEVEL IN THE FLOOR BELOW

PIPEWORK AT LOW LEVEL

FIRE EQUIPMENT KEY

- 5KG CO_2 DRY POWDER
- 2KG CO2
- FIRE BLANKET
- 5KG CO_2
- 6 LITRE FOAM
- PENDANT FIRE EXTINGUISHER

FIRE EQUIPMENT LAYOUT TO BE AGREED WITH FIRE ENGINEER BEFORE INSTALLATION ON SITE.

SOILS AND WASTES NOTES

SOILS AND WASTES SHALL BE INSTALLED TO BS 4514. CONTRACTOR SHALL CONNECT ALL SANITARY WARE TO SOILS AND WASTES SYSTEM.

CONTRACTOR SHALL FIRE STOP SOILS AND WASTES INSTALLATION AS NECESSARY. (1 HOUR FLUE COLLAR ON SOIL PIPE THROUGH FLOOR SLAB AND RISER WALLS)

CONTRACTOR SHALL TEST ALL SOILS AND WASTES INSTALLATION PRIOR TO HANDOVER.

ALL OVERFLOWS FROM WC'S SHALL EXTEND TO OUTSIDE.

ALL SANITARY WARE SHALL BE FIXED IN POSITION PRIOR TO HANDOVER.

ALL WATER SERVICES PIPEWORK SERVING SANITARY WARE SHALL BE CONCEALED WITHIN THE BUILDING FABRIC.

ALL WASTES PIPEWORK, SUPPORTS AND TRAPS TO BE PROVIDED UNDER THIS CONTRACT AND SHOULD BE PRICED AS PART OF THE TENDER RETURN.

THE MAXIMUM INTERVALS BETWEEN PIPE SUPPORTS SHALL BE:-

NOMINAL SIZE MM	HORIZONTAL M	VERTICAL M
32	0.5	1.2
40	0.5	1.2
50	0.9	1.2
82	1.0	2.0
110	1.0	2.0
160	1.0	2.0

PIPES SHALL BE FIXED IN STRAIGHT RUNS AND ALL HORIZONTAL RUNS SHALL BE LAID TO GRADIENTS IN ACCORDANCE WITH BRITISH STANDARD 5572 CODE OF PRACTICE FOR SANITARY PIPEWORK, AND IN ANY EVENT NOT LESS THAN 18 MM/M UNLESS OTHERWISE INSTRUCTED.

ALLOWANCE FOR THERMAL MOVEMENT EXPANSION JOINTS SHALL BE PROVIDED AT A MAXIMUM OF 4 METRES FOR SOIL, 2 METRE CENTRES FOR WASTE AND BETWEEN FIXED POINTS OVER 1 METRE CENTRES.

SOIL PIPES TO BE uPVC. EXCEPT WHERE NOTED.

REV	DESCRIPTION	DATE

SCALE 1:100

0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

STAGE 2B

THESE DRAWINGS ARE TO BE USED TO FACILITATE AN UNDERSTANDING OF THE SCOPE AND CONTENT OF THE WORKS AND FOR PRICING PURPOSES. THE DRAWINGS ARE SUBJECT TO THE CONTRACTORS DETAILED DESIGN FOLLOWING THE DESIGN INTENT IN THE PERFORMANCE SPECIFICATIONS. THE DRAWINGS ARE NOT TO BE USED AS THE BASIS FOR CONSTRUCTION.

patrick mccaul
environmental consulting engineers ltd.

JOB DESCRIPTION: CARRICK-ON-SHANNON COMMUNITY SCHOOL CO. LEITRIM

DWG TITLE: PROPOSED SOILS & WASTES INSTALLATION GROUND FLOOR

SCALE: 1:100	DRAWN BY: NP	I/c ENG: PMcC	DATE: JUL '26

DRAWING No. 2860-M-08

REVISION -