

Appendix A

Job Title: Replacement Modular Buildings at College of FET
Kilmallock Town Campus.

This project relates to two standalone prefabricated structures as illustrated on the Existing Site Layout Plan below.

Prefab 01 is a single storey prefab with a gross internal floor area of circa 47 sq.m. Prefab 01 accommodates an Admin Office (15 sq.m.), a One-to-One Meeting Room (12 sq.m.) and a Store Room (18 sq.m.) which also doubles as an Office. Each room has direct access from the outside, although there is a ramp to the Admin Office only.

Prefab 02 is a single storey prefab with a gross internal floor area of circa 44 sq.m. Prefab 02 accommodates a former Computer Lab (28 sq.m.) and a Break-Out Room with teastation (15 sq.m.).

Both Prefabs are in poor condition and it is proposed to remove both buildings and replace with a single new Modular Unit constructed to current Building Regulations.



Exterior of Prefab 01 showing ramp access to one door and stepped access to second door (visible behind ramp to left of image)



One to One Meeting Room in Prefab 01. Electric heating visible behind operator chair with time clock above. Room is over heating and has poor ventilation.



Administrative Office in Prefab 01, with internal door linking to One to One Meeting Room. Very poor acoustic separation between Office and Meeting Room.



Deterioration of external wall in Prefab 01. External wall thickness is circa 50mm with minimal insulation. Electric heating



Exterior of Prefab 02 showing entrance at grade. Inadequate build-up under prefab has led to deterioration of floor joints with the internal floor sagging.



Deterioration at plinth to Prefab 02



Former Computer Lab in Prefab 02 no longer in use due to deterioration of the building.



Discolouration arising from water ingress around windows. External wall thickness is circa 50mm with minimal insulation.



Deterioration of external wall in Prefab 02. External wall thickness is circa 50mm with minimal insulation.



Windows are single glazed aluminium frames items and together with insubstantial external walls, the thermal performance of Prefab 02 is very poor with high condensation



Gable wall of Prefab 01 and existing timber shed to left. This is the proposed site for the new Modular Building.



General view of the proposed site for the new Modular Building. Existing timber shed in foreground with Prefab 01 behind.

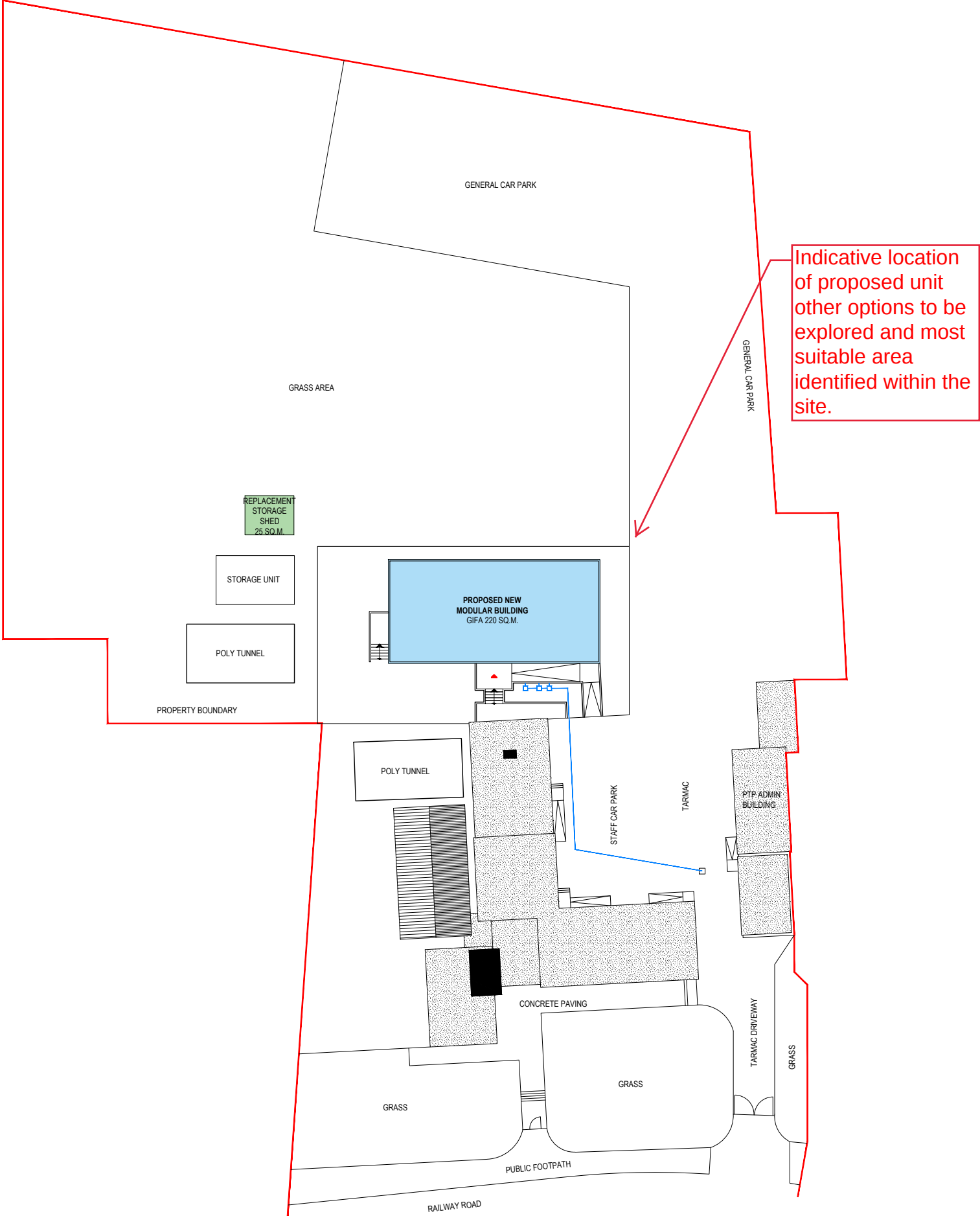
APPENDIX B
Existing Site Layout Plan



APPENDIX C
Demolition Site Layout Plan



APPENDIX D
Proposed Site Layout Plan



APPENDIX E
Preliminary Building Layout

Indicative layout of proposed unit other options to be explored and most suitable layout identified in conjunction with the client

