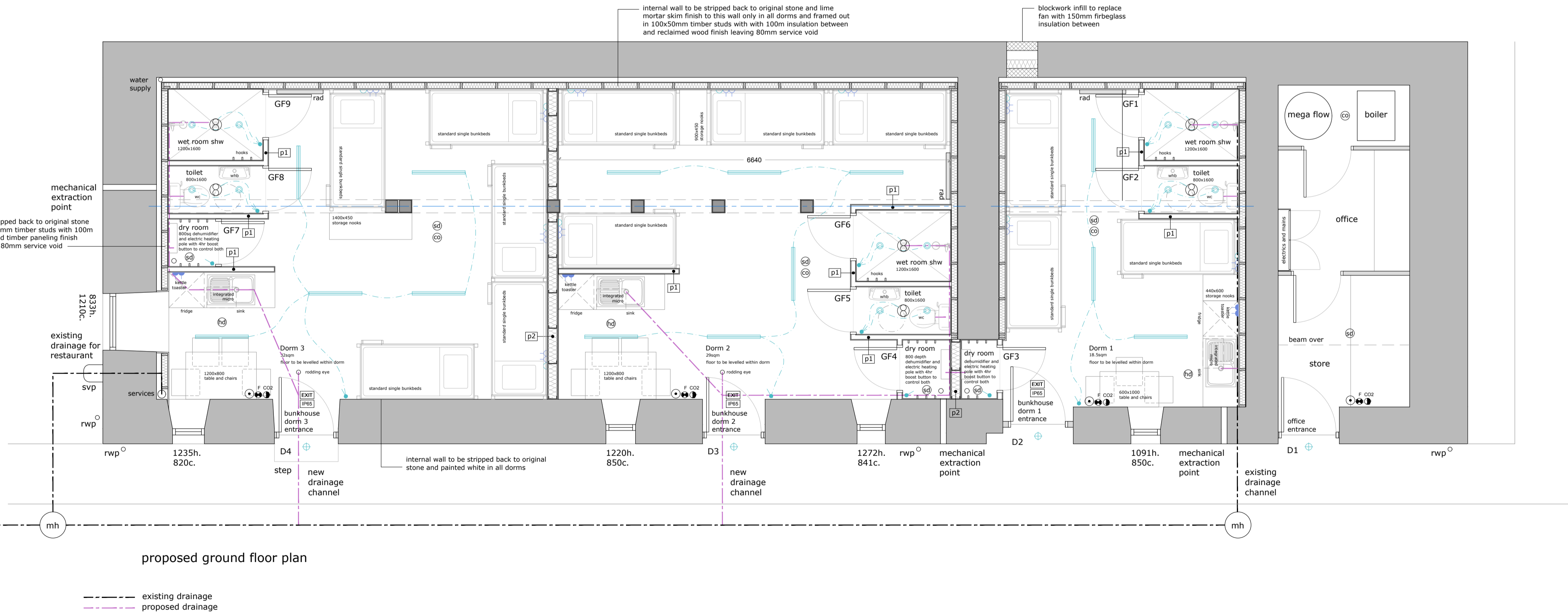
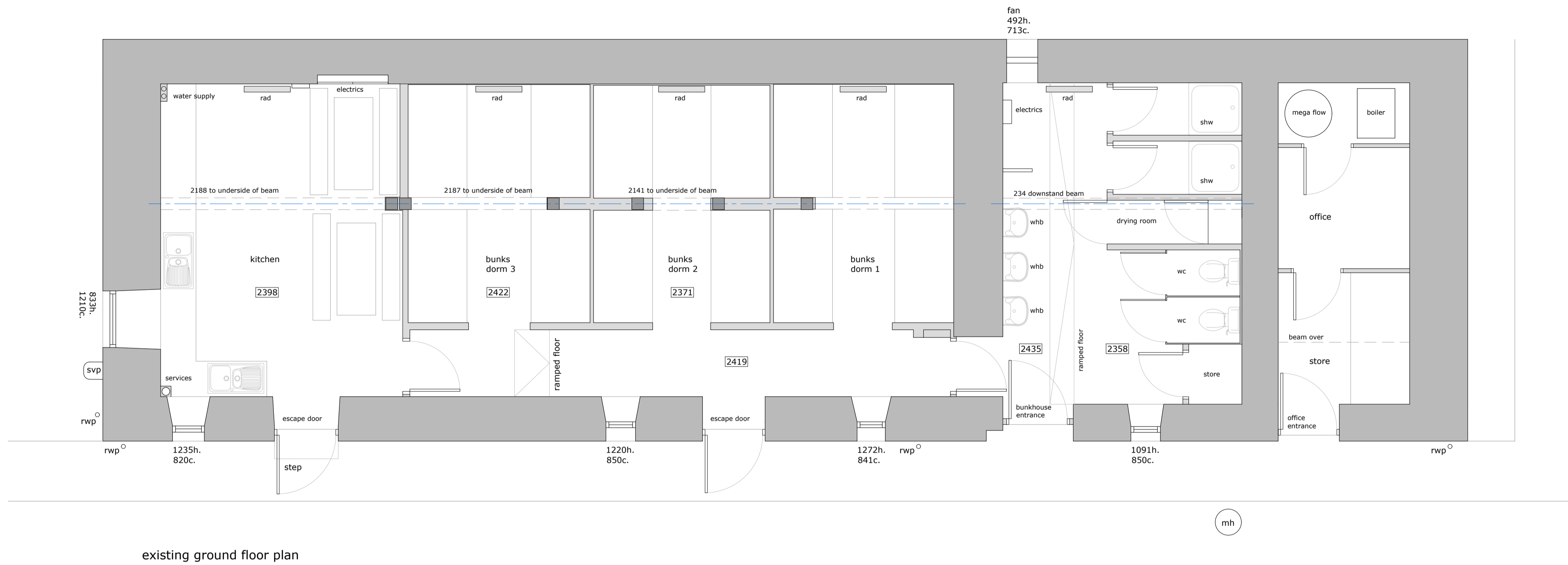


Electrical Legend	
	1 way switch
	strip lighting
	recessed downlighter incorporating emergency 3H battery pack
	wall mounted reading light 650 and 1750mm AFFL
	external light connected to mains
	2 gang switched socket outlet above worktop level (white finish)
	2 gang switched socket w. double usb outlet 650 and 1750mm
	AFPL smoke detector
	heat detector
	carbon monoxide detector
	EnviroVent Silent 100T extractor

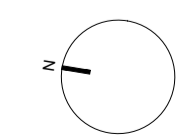
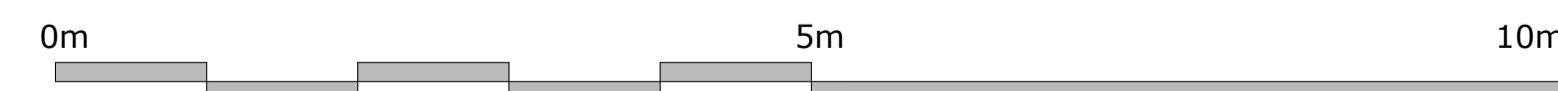
Fire Safety Key	
	ILLUMINATED EMERGENCY EXIT SIGN WITH RECHARGEABLE BATTERY
	FIRING RATED GLASS MOUNTED EMERGENCY LAMINATE, WITH BATTERY FOR 15 MINUTE MAINTENANCE
	BREAK GLASS UNIT
	FOAM FIRE EXTINGUISHER IN ACC. WITH BUILDING STANDARDS
	CO2 FIRE EXTINGUISHER IN ACCORDANCE WITH BUILDING STANDARDS

Internal Door Schedule (all doors to be self-closing)			
Number	Width(mm)	Height(mm)	Note
GF1	726	2040	lockable
GF2	726	2040	lockable
GF3	726	2040	
GF4	726	2040	
GF5	726	2040	lockable
GF6	726	2040	lockable
GF7	726	2040	
GF8	726	2040	lockable
GF9	726	2040	lockable

External Door Schedule			
D1	926	2040	single door secure entry, hinged LHS
D2	926	2040	single door secure entry, hinged LHS
D3	926	2040	single door secure entry, hinged LHS
D4	926	2040	single door secure entry, hinged LHS



--- existing drainage
 - - - proposed drainage



NOTE:
 All sizes to be taken and checked on site by the contractor prior to preparation of shop drawings or fabrication of parts.
 This drawing should not be scaled. Any discrepancies to be brought to the immediate attention of the architectural designer.
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NOTES
STRUCTURE
 Structural posts existing have been estimated for position, exposure required to confirm position and size. To be enclosed with plasterboard.
INTERNAL WALL FINISH
 All internal walls within dorms to be stripped back to original stone. Entrance wall to be painted white. Side walls and existing stone gable to be framed out in 38x100mm timber studs with 100mm insulation such as fibreglass or cellulose wool between, vapour barrier breather membrane and timber panelling finish painted white. Rear dorm walls to have lime mortar skim finish. Framed out in 38x100mm timber studs with 100mm insulation such as fibreglass or cellulose wool between, vapour barrier breather membrane and reclaimed wood finish leaving 80mm service void.
 Area weighted average U-value for walls to achieve max. 0.25W/m²K where possible.
 755-610mm Existing stone wall with lime mortar skim to one wall
 9.5mm Exterior grade plywood sheathing to timber frame.
 100x50mm studs assumed with fibreglass/cellulose wool (or equal and approved) fitted tightly between studs, overhatched with vapour barrier breather membrane.
 Reclaimed wood or timber panelling internal finish to walls.
 20mm Specified construction to achieve U-value 0.24 W/m²K

All to be installed in accordance with manufacturers written instructions and recommendations including all fixing, sealing and joining requirements.
 Conversions - in the case of conversions, as specified in regulation 4, the building as converted shall meet the requirement of this standard (regulation 12, schedule 6).
CEILING CONSTRUCTION
 Remove the ceiling drywall (or other surface) and the furring strips attached to the joists. Fit 150mm insulation such as fibreglass or cellulose wool between the floor joists to completely fill the cavity for sound-absorption performance.
 Fasten resilient channels spaced 61cm on-centre beneath the floor structure.
 Install two layers of 12.5mm Gyproc soundbloc, screwing it into the channels and overlapping the layers by at least 300mm.
 Apply acoustic sealant around the entire edge where the wall meets the ceiling between the two layers of drywall.
 Wall and ceiling surfaces should achieve European Classification C (where >30m²) and internal wall surfaces should achieve European Classification D (where <30m²) as table 2.4 of Building Standards Technical Handbook (non-domestic) in accordance with BS EN 13821: 2010+A1: 2014 and BS EN ISO 11925-2: 2010.
DRY ROOMS
 All three dry rooms to have electric heating pole and dehumidifier plumbed in to drainage system. All with a 4 hour boost button that controls both the heat and the dehumidifier. Altro non-slip flooring to dry rooms.

WET ROOM SHOWERS/TOILETS
 Altro non-slip flooring to wet room showers with fall towards drain in centre. Wet room wall panels within wet room and hooks fitted to wall. Electric showers to all wet rooms. Altro non-slip flooring to toilets.
 All toilets and showers to be fitted with EnviroVent Silent 100T extractor fan or equivalent and approved.
 All new external doors in dark wood effect PVC. All 4 external doors to be fitted with secure entry system code panel.
 All beds to have a double socket with USB sockets and a small low watt reading light at the side. All wiring to be concealed.
 Kitchenettes to have sink, small fridge, integrated microwave, kettle and toaster.
 Storage nooks to be basic timber shelving using reclaimed wood with compartments for each bed allocated.
 All existing windows are openable for natural ventilation.

DRAINAGE
 All existing drainage provisions to be checked fit for purpose and retained.
 Contractor to investigate existing drainage system and complete design for connection of new foul drainage in accordance with BS EN 12056-1: 2000 and BS EN 12056-2: 2000 and wastewater drainage to be in accordance with BS EN 12056-2: 2000.
 Below ground drainage and sewer system to be designed and installed in accordance with BS EN 752: 2008 and comply with all Local Authority Bylaws.
 All new drainage connected to existing soil stacks (where possible) and to comprise of the following:
 WCs - 110mm dia. drainage pipework
 WHBs - 124.4mm dia. drainage pipework
 Sinks - 32/40mm dia drainage pipework
 Anti-siphon traps to sinks, WHBs as necessary and air admittance valve at end of new drainage run.
 All SVPs to have roddable access / cleaning eye at all bends in main runs.
 Stub stacks to be provided where necessary with air admittance valve above the highest water level of the appliances it serves.
 All pipework to be concealed and installed to allow adequate access for testing / maintenance.
 Fire collar to be installed where pipes pass through fire rated wall or floor to maintain fire integrity. Slope bends to be installed where required.

PARTITIONS
P1 NEW INTERNAL PARTITION
 One layer of 12.5mm gyproc 10 wallboard (set wall to wet rooms) each side of 75 x 47mm timber studs at 600mm centres to provide 30 minutes fire resistance.
P2 NEW INTERNAL PARTITION
 Two layers of 12.5mm gyproc soundbloc each side of 150 x 50mm metal 'C' studs at 600mm centres with 150mm insulation such as fibreglass or cellulose wool for sound-absorption performance, to provide 60 mins fire resistance.
 Moisture resistant wallboard to all wet area side of partitions, ie. toilets, kitchen etc.
 All partitions to be constructed in accordance with manufacturers written instructions and recommendations including junction details to avoid flanking, gyproc sealant and gyproc strips as indicated. Any alternative partition specification to be confirmed by the contractor as equal to the above and to meet with required fire resistance.

FLOORING
 Floor to be levelled within each dorm and finished with concrete floor screed polished finish.
HEATING SYSTEM
 Radiators to entire floor as indicated on plan.
AUTOMATIC FIRE DETECTION AND FIRE FIGHTING EQUIPMENT
 Existing automatic fire detection and fire warning system to be retained, altered and supplemented as required to suit new arrangement and to provide CAT L1 system in compliance with BS 5839: Part 1: 2013. Firefighting equipment to be provided in accordance with BS5266: Part 6: 2012 + SREK3 and maintained in accordance with BS5266: 2003: Part 3. All provisions for fire precautions to meet with the requirements of 'Fire precautions workplace regulations 1997 & 1997'. All provisions for fire precautions to meet with the requirements of the Regulatory Reform (Fire Safety) Order 2005.
 Existing emergency lighting, fire signage and escape route signage to be retained, altered and supplemented as required to suit new arrangement and maintain compliance with the following:
 Fire Door Keep Shut signs to both sides of all fire doors. All emergency exit signage to comply with BS 5499: Part 1: 2002, BS 5499: Part 5: 2002, BS 5499: Part 4: 2013 and Health & Safety (Safety, Signs & Signal) Regulations, 1996. All escape signage to be EUROGRAM graphic type. Illumination of illuminated and directional signage to comply with BS 5266: Part 1: 2011. Emergency lighting to be installed in accordance with BS 5266: Part 1: 2011 as read in association with BS EN 1838: 2013.
 All escape door signage to comply with 'Code of Practice' - Issue No 4 November 2012 Hardware for timber, fire & escape doors. They should conform to BS EN 1564: 1997 Building Hardware - Controlled Door Closing Devices. Doors to be openable with no greater force than 30N.

HEGER
 ARCHITECTURE & DESIGN

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Project	BUNKHOUSE REFURBISHMENT	Scale	1:50@A1
	BEN NEVIS INN, ACHINTEE, PH33 6TE	Date	02/11/20
Client	MR TOM HADFIELD	Job No.	202003
Title	GROUND FLOOR PLANS AS EXISTING AND PROPOSED	Dwg No.	CS01
Issue Purpose	CLIENT INFORMATION ONLY	Drawn	KH
		Rev.	A