100mm fairfaced brickwork to match and course with the existing brickwork, mortar and pointing to match existing

100mm full filled cavity with cavity slab insulation (mineral or glass) to have a thermal conductivity of 0.032 W/mK

140mm medium density blockwork finished with 15mm plaster (mean compressive strength min 7n/mm2, thermal conductivity 0.45w/mk)

215mm medium density blockwork finished with 15mm plaster both sides (mean compressive strength min 7n/mm2, thermal conductivity 0.45w/mk)

medium density blockwork finished with 15mm plaster (mean compressive strength min 3.5n/mm2, thermal conductivity 0.45w/mk)

Fenlite Paint Grade Aggregate Block or similar approved

medium density blockwork finished with 15mm plaster both sides (mean compressive strength min 3.5n/mm2, thermal conductivity 0.45w/mk)

100x50mm softwood studs lined either side with 12.5mm Gyproc Soundbloc MR with taped joints and skimmed to be filled with 100mm Isover APR 1200 Insulation

100x50mm softwood studs lined either side with 12.5mm Gyproc DuraLine MR with taped joints and skimmed

NOTE: Thermabate or similar approved cavity closers to all jambs and cills of windows and doors

BEAM SCHEDULE

B1 - 178 x 102 x 19UB

B2 - 178 x 102 x 19UB

B3 - 203 x 203 x 46UC

B4 - 203 x 133 x 30UB with 8mm plated welded to bottom flange

P1 - 300 Long x 215 Deep x 140 precast concrete padstone

P2 - 550 Long x 215 Deep x 100 precast concrete padstone

P3 - 215 Long x 65 Deep x 100 wide engineering brick

F1 - formed from 254 x 146 x 37UB columns with 350 x 350 x 20mm steel base plates bolted into foundations with 4no M16 grade 4.6 bolts with 306 x 165 x 48UB rafter and flat roof members

Columns to be galvanised with dpm between the columns and the beam over. Alternatively the columns all the way to the top including base plate and bolts are to be painted in Black Jack to manufacturers details.

All work to be carried out in conjunction with structural engineers details.

Contractor is responsible for the proping of the existing property. If the contractor requires a structural engineer to design the proping works, the contractor shall pay for their services.

LINTEL SCHEDULE

D01 - Existing lintel

D02 - B4

D03 - IG L1/S 100 WIL

D04 - IG L1/S 100 WIL

D05 - IG L1/S 100 WIL

D06 - IG L1/S 100 WIL

W01 - IG L1/S 100 WIL

W02 - IG L1/S 100 WIL

W03 - IG L1/S 100 WIL

W04 - IG L1/S 100 WIL

W05 - IG L1/S 100 WIL

ID01 including hatch - 2no IG HD Box 100 lintels

ID02 - 65mm high 100mm wide prestressed concrete lintel

ID03 - 65mm high 100mm wide prestressed concrete lintel

ID04 - 100 x 50 softwood studwork

ID05 - 100 x 50 softwood studwork

ID06 - existing steel beam for inner leaf and IG HD Box 100 lintel for outerleaf

ID07 - existing steel beam for inner leaf and IG HD Box 100 lintel for outerleaf

ID08 - IG I Beam 2C

ID09 - 65mm high 100mm wide prestressed concrete lintel

ID10 - 65mm high 100mm wide prestressed concrete lintel

ID11 - 65mm high 100mm wide prestressed concrete lintel

ID12 - 65mm high 100mm wide prestressed concrete lintel

ID13 - 65mm high 100mm wide prestressed concrete lintel

ID14 - 65mm high 100mm wide prestressed concrete lintel

ID15 - 65mm high 100mm wide prestressed concrete lintel

ID16 - existing lintel

ID17 - 100 x 50 softwood studwork

ID18 - 65mm high 100mm wide prestressed concrete lintel

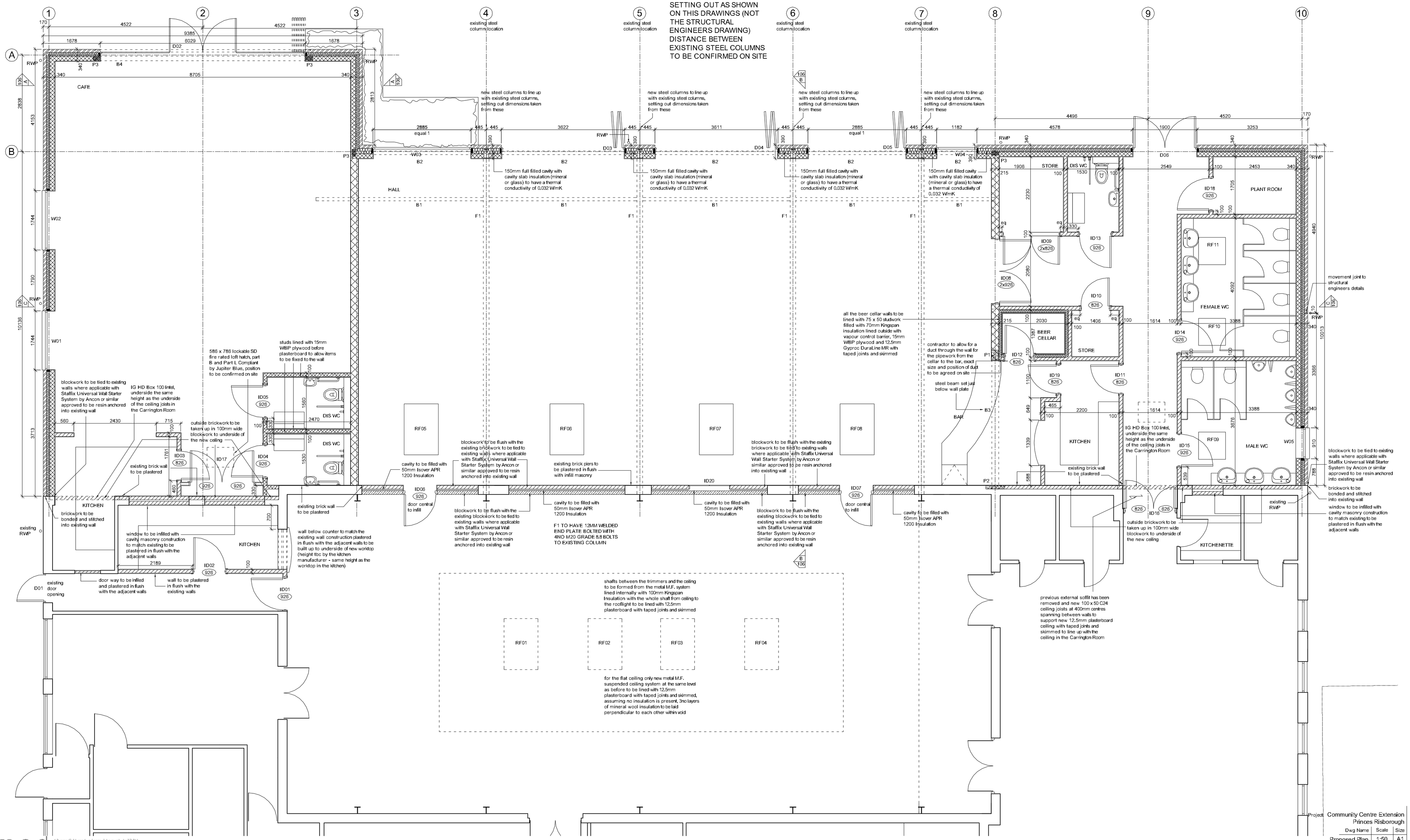
ID19 - 65mm high 100mm wide prestressed concrete lintel

ID20 - IG HD Box 100 lintel

All lintels to have a minimum bearing of 150mm either side of the opening. All external lintels to have a cross cavity tray over, to cover the lintel with min 150mm upstand.

NOTES

This drawing is to be read in conjunction with all structural engineers, specialists and manufacturers drawings and specifications.
Any discrepancy found between the drawings and any other document should be referred immediately to M.A.D.
All dimensions are to structural openings and outer face of studwork.
Dimensions are to be checked on site by the contractor. No dimensions should be scaled from this drawing.
FFL refers to the FFL in the existing property (top of screed).
Contractor to provide all materials necessary to complete the finished works as shown on the drawings, unless stated on the drawings.
Contractor to be responsible for coordination on site and to check dimensions on site prior to construction or purchasing of materials and products to check compatibility.
All works to comply with building regulations and relevant British Standards.
Under The Construction (Design and Management) Regulation 2015 the main contractor will be responsible for the Health & Safety duties on site. The owner of the property is to make all involved with the project aware of any Health and safety issues they are aware of.



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Project	Community Centre Extension Princes Risborough		
	Dwg Name	Scale	Size
	Proposed Plan	1:50	A1
Dwg No:	CCER/104A		