Black Barn:
overclad with vapour permeable thermal/acoustic insulation and sheathing, all as separate details

Supply air duct below floor in reinstated existing service trench with heel safe grille floor vents

New steel heating / ventilation / lighting ducts at high level

Structurally-independent steel framed walkway with timber boarding

New entrance from Sandon Bury gardens

FRAME A
FRAME B
FRAME C
FRAME D
FRAME E
FRAME F
FRAME G
FRAME H
BAY 1
BAY 2
BAY 3

+21.450m

1:20 gradient

Grainstore Barn
New steel-framed building replacing the existing precast concrete grain store.

Glazed screen to incorporate fire exit

+20.580m

(Existing concrete grainstore removed)

+22.090m

New timber framed & boarded partition

Roof triangle in this bay partitioned to form bat maternity roost at high level

New freestanding acoustic enclosure with lobbied entrance, to accommodate amplified music. Exact layout to be finalised

Below: Storage and Electrics

Roof triangle in this bay partitioned to form bat maternity roost at high level

Original doorway reopened

Hall

+20.580m

+20.580m

+20.700m

+20.900m

Existing Barn Doors retained as fixed external shutters; new translucent, glazed, insulated timber screen behind including fire escape door.

New Timber Framed Cloister/Loggia

Extension to Hay Barn, continuing existing roof line to meet new Grain Store building and enclose Upper Courtyard

+20.550m

Existing Barn Doors retained as fixed external shutters; new translucent, glazed, insulated timber loading doors behind with fire escape pass door

Service Yard

Kitchen

Coach turning and boarding within courtyard

+19.450m

+20.550m

New Timber Framed Kitchen / Service wing

Short term bin store

Studio

New paved courtyard with raised planter bed

Courtyard

+21.300m

Centre Barn proposed extension

+20.300m

Area planted with decidious trees to form bat flight corridor

Existing Centre Barn
refurbished/rebuilt as new studio building

Bay partitioned up to wall plate level to form screened bat entry/exit zone to Barley Barn

Registrar's room

New fire escape door

(Fertiliser Barn removed)

Barley Barn

Notes

1: This drawing must not be scaled - work only to figured dimensions
2: Dimensions must be verified on site by the contractor before preparation of shop drawings
3: The architect must be notified of any discrepancies immediately
4: This drawing applies only to this job and site
5. This information on this drawing is copyright protected

12/05/2017	B	Issued for DRAFT Planning Application
15/05/2017	C	Issued for Planning Application
04/08/2017	D	Issued for Planning Application
08/01/2018	E	Revised scheme
04/04/2018	F	Fire escape amendments
23/07/2018	G	Bin storage indicated

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Courtyard Plan

Project	Sandon Bury Barn and House			Job no.	15.565
For	Mark Faure Walker and Kate Redfern			Drawing no.	P10
Scale	1:100	Paper Size	A1	Revision no.	G