



CELLAR NOT USED ACCESS LIMITED TO INSPECTION ONLY

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+86.786

WORKS TO EXI

GENERAL Eastwood and Partners

Asbestos Removal being carried out under separate contract by Specialist Sub-Contractor Cordtape Limited Pigeon guano removal to be carried out by Main Contractor and to include temporary protection to window openings where glass broken to prevent pigeon ingress

where possible. Main Contractor to allow for making good / carefully raking out and complete re-pointing of existing Listed Ranges, using non-hydraulic lime mortar, following completion of brickwork / building fabric repairs and alterations to create new openings All existing timber wall plates and lintels to door and window heads to be removed, with brickwork above propped, and replaced by concrete lintels to Structural Engineer design.

KEY

New brickwork to form replacement building envelope / infill of existing openings, using reclaimed brickwork / specially made brickwork, cut toothed and bonded to existing with matching coursing / pointing using non-hydraulic lime mortar

Proposed new structure above, installed to floor and roof NEW STEEL BEAM - REFER TO SE DETAILS CONStructions, to reduce loading on existing structure & subsequent need for strengthening or replacing existing timbers. Padstones installed into existing walls where required - refer to Structural Engineer / Eastwood and Partners drawings.

> **1** - Existing infill brickwork and doorway removed and original arched opening reinstated. Brickwork to existing archway to be made good, with archway and brickwork above to be strengthened to include bed joint reinforcement 2 courses apart to inner and outer leaf with vertical tie bars within centre of brickwork - refer to Structural Engineers details

2 - Existing infill brickwork to original brick archway removed and re-instated as a window opening with 150 deep channel section lintel detail externally and concrete lintel detail internally - refer to Structural Engineers details.

3 - New opening formed with channel section lintel to our leaf / concrete lintel to inner leaf - refer to Structural Engineers details

4 - Demolition of existing unstable wall. New wall instated adjacent to arch opening in 215mm thick solid masonry, cut toothed and bonded to existing walls.

5 - Existing modern windows removed and replaced with new timber flush casement windows in hardwood with friction hinges, double glazing and paint finish. **5A** - Existing modern windows removed and replaced with new timber vertical sliding sash windows in selected s/w or paint grade h/w incorporating 'Slimlite' or similar double glazed units, putty

beaded. **6** - Existing single storey brick building has been demolished. Note existing basement structure still in place with ground slab over - refer to Structural Engineers, Eastwood and Partners latest drawings / details for new foundation design.

7 - Demolition of existing single storey extension to 2-storey range, with brickwork carefully dismantled and salvaged where possible

8 - Existing concrete floor slab removed, with new ground bearing concrete floor slabs cast internally - refer to Structural Engineers / Eastwood and Partners details Reclaimed paving to to courtyard be continued through new external link through 3-storey range, to form accessible entrance to site.

9 - 2 storey range traditional metal trades windows to be replaced in timber to match existing but with 'Slimlite' or similar double glazing putty beaded.

10 - Galvanised steel straps fixed to cross wall / external walls at 900mm vertical centres. Straps and fixings to remain exposed with galvanised finish. Areas of cracked brickwork to be strapped internally - refer to Structural Engineers / Eastwood and Partners details

11 - Existing window opening adapted to form doorway. Window casement, stone cill and brickwork below to be removed. Stone cills carefully salvaged and reinstated where possible.

12 - Existing stone / concrete staircase to be retained and overlaid with new timber treads and risers.

13 - Existing timber staircase to be retained, treads and risers to be overlaid and staircase independently secured with props and timber bracing.

14 - Original listed staircase to be retained and restored, with independant bracing where required. New walls / glazed partitions to form a protective enclosure.

15 - Existing timber floor to be lowered by approx. 150mm. Existing joists and boarding to be reclaimed and reinstated where possible. New floor structure supported by joists hangers fixed to existing masonry structure

16 - Brick infill to original window openings to be removed, with brick arched lintel repaired, with new timber vertical sliding sash windows in selected s/w or paint grade h/w incorporating 'Slimlite' or similar double glazed units, putty beaded.

+ 85.066

3	14	15	16
ISTING KEY			

Refer to separate Structural Condition / Survey reports carried out by

Refer to separate Asbestos Report carried out by Cordtape Limited

Main Contractor to allow for removal of redundant cabling / services, light fittings, extract vents etc and making good as required Main Contractor to allow for soft-strip of listed buildings in line with

discussions with Planning / Conservation Officer, following walk-around of site Friday 18th January 2019

Main Contractor to allow for specialist damp and timber condition surveys, with implementation of recommendations and associated costs to be agreed with the Client. Existing timbers to be retained

BUILDING FABRIC REPAIRS / ALTERATIONS

Areas of brickwork to be carefully dismantled and removed/ demolition of existing building fabric.

Area of brickwork to be propped and carefully repaired/ rebuilt using reclaimed brickwork / specially made brickwork, cut toothed and bonded as required with matching coursing / pointing using non-hydraulic lime mortar



14/01/2019

H New structure updated to match 23/10/2020 structural engineers details. Existing metal trades windows[9] to be replaced to match existing with slimlite dg & putty beaded & replacement casement windows elsewhere to 2 storey range. Replacement sliding sash windows [5A] to Garden Street & Courtyard & replacement casement windows elsewhere to 3 storey range. Issued for planning approval | MAW 17/09/2020

G Works to cellar omitted | MAW

19/05/2020 F Note 6 revised

E Existing external chutes retained | JW 02/03/2020

D Amended in line with latest studio 18/11/2019

model plans | JW C Amended in line with latest preoposed 05/08/2019

plans. Detail of works added | JW

B General Amendments. Tender Status 28/01/2019 Issue | JW

A Amendments made in Line with Proposed Elevations | JW



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STEEL CITY PHASE 3 RESIDENTIAL DEVELOPMENT SHEFFIELD FUTURE GENERATION





WORKS TO E

bonded as requ non-hydraulic New brickwork existing openin brickwork, cut

Proposed new structure above, installed to floor and roof NEW TIMBER BEAM - REFER TO SE DETAILS need for strengthening or replacing existing timbers. Padstones installed into existing walls where required - refer to Structural Engineer / Eastwood and Partners drawings.

> **1** - Existing infill brickwork and doorway removed and original arched opening reinstated. Brickwork to existing archway to be made good, with archway and brickwork above to be strengthened to include bed joint reinforcement 2 courses apart to inner and outer leaf with vertical tie bars within centre of brickwork - refer to Structural Engineers details

2 - Existing infill brickwork to original brick archway removed and re-instated as a window opening with 150 deep channel section lintel detail externally and concrete lintel detail internally - refer to Structural Engineers details.

to existing walls. **5** - Existing modern windows removed and replaced with new timber flush casement windows in hardwood with friction hinges, double glazing and paint finish.

5A - Existing modern windows removed and replaced with new timber vertical sliding sash windows in selected s/w or paint grade h/w incorporating 'Slimlite' or similar double glazed units, putty beaded.

6 - Existing single storey brick building has been demolished. Note existing basement structure still in place with ground slab over - refer to Structural Engineers, Eastwood and Partners latest drawings / details for new foundation design.

7 - Demolition of existing single storey extension to 2-storey range, with brickwork carefully dismantled and salvaged where possible

8 - Existing concrete floor slab removed, with new ground bearing concrete floor slabs cast internally - refer to Structural Engineers / Eastwood and Partners details

Reclaimed paving to to courtyard be continued through new external link through 3-storey range, to form accessible entrance to site.

9 - 2 storey range traditional metal trades windows to be replaced in timber to match existing but with 'Slimlite' or similar double glazing putty beaded.

10 - Galvanised steel straps fixed to cross wall / external walls at 900mm vertical centres. Straps and fixings to remain exposed with galvanised finish. Areas of cracked brickwork to be strapped internally - refer to Structural Engineers / Eastwood and Partners details

11 - Existing window opening adapted to form doorway. Window casement, stone cill and brickwork below to be removed. Stone cills carefully salvaged and reinstated where possible.

13 - Existing timber staircase to be retained, treads and risers to be overlaid and staircase independently secured with props and timber bracing.

14 - Original listed staircase to be retained and restored, with independant bracing where required. New walls / glazed partitions to form a protective enclosure.

15 - Existing timber floor to be lowered by approx. 150mm. Existing joists and boarding to be reclaimed and reinstated where possible. New floor structure supported by joists hangers fixed to existing masonry structure

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	13		14		15	16	
V	VORKS TO EXISTING KEY						
G	SENERAL						
R E	efer to separate Structural astwood and Partners	Condition / S	Survey reports carri	ied out by			а
R	efer to separate Asbestos R	eport carried	d out by Cordtape I	Limited			
A S	sbestos Removal being carr pecialist Sub-Contractor Co	ied out unde rdtape Limite	er separate contrac ed	ct by			
P ir te	igeon guano removal to be nclude temporary protection o prevent pigeon ingress	carried out b n to window	by Main Contractor openings where gl	and to ass broken			
N li	Nain Contractor to allow for ght fittings, extract vents et	removal of r c and making	redundant cabling , g good as required	/ services,			
N d v	Nain Contractor to allow for liscussions with Planning / C valk-around of site Friday 18	soft-strip of onservation 8th January 2	listed buildings in Officer, following 2019	line with			
N s c w	Nain Contractor to allow for urveys, with implementatio osts to be agreed with the C where possible.	specialist da n of recomm Client. Existin	imp and timber con nendations and asso ng timbers to be ref	ndition ociated tained			b
N C li re	Nain Contractor to allow for omplete re-pointing of exist me mortar, following comp epairs and alterations to cre	making good ing Listed Ra etion of bric ate new ope	d / carefully raking anges, using non-hy kwork / building fa enings	out and ydraulic ıbric			
A b li	Il existing timber wall plate e removed, with brickwork ntels to Structural Engineer	s and lintels above propp design.	to door and windo bed, and replaced b	w heads to by concrete			
В	UILDING FABRIC REPAIRS /	ALTERATION	S				
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d	emolition of existing buildir	ig fabric.	itied and removed,	/			С
A re b n	rea of brickwork to be prop eclaimed brickwork / specia onded as required with mat on-hydraulic lime mortar	ped and card lly made brid cching coursi	efully repaired/ ret ckwork, cut toothe ng / pointing using	ouilt using d and s			
N e b /	lew brickwork to form repla xisting openings, using recla rickwork, cut toothed and b pointing using non-hydraul	cement build aimed brickw onded to ex ic lime morta	ding envelope / inf vork / specially mag isting with matchir ar	ill of de ng coursing			

3 - New opening formed with channel section lintel to our leaf / concrete lintel to inner leaf - refer to Structural Engineers details

4 - Demolition of existing unstable wall. New wall instated adjacent to arch opening in 215mm thick solid masonry, cut toothed and bonded

12 - Existing stone / concrete staircase to be retained and overlaid with new timber treads and risers.



d

19/05/2020

- D Amended in line with latest studio 18/11/2019 model plans | JW
- C Amended in line with latest preoposed 05/08/2019
- plans. Detail of works added | JW
- B General Amendments. Tender Status 28/01/2019 Issue | JW
- A Existing Stair to 3 Storey Range 07/12/2018 Retained | JW



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STEEL CITY PHASE 3 RESIDENTIAL DEVELOPMENT SHEFFIELD





1 2 3 4 5 6 7

Grey hatch denotes area of timber floor at second floor level to be lowered.

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							WORKS TO EXISTING KEY				
							GENERAL				
							Refer to separate Structural Condit Eastwood and Partners	tion / Survey reports carried out by			а
							Refer to separate Asbestos Report Asbestos Removal being carried ou	carried out by Cordtape Limited ut under separate contract by			
							Specialist Sub-Contractor Cordtape Pigeon guano removal to be carried	e Limited d out by Main Contractor and to			
							include temporary protection to wi to prevent pigeon ingress	indow openings where glass broken			
							Main Contractor to allow for remove light fittings, extract vents etc and the set of the	val of redundant cabling / services, making good as required			
							Main Contractor to allow for soft-si discussions with Planning / Conserv walk around of site Friday 18th Jap	trip of listed buildings in line with vation Officer, following			
							Main Contractor to allow for specia	alist damp and timber condition			
							costs to be agreed with the Client. where possible.	Existing timbers to be retained			d
							Main Contractor to allow for makin complete re-pointing of existing Lis	ng good / carefully raking out and sted Ranges, using non-hydraulic			
							lime mortar, following completion repairs and alterations to create ne	of brickwork / building fabric ew openings			
							All existing timber wall plates and l be removed, with brickwork above lintels to Structural Engineer design	lintels to door and window heads to propped, and replaced by concrete			
							BUILDING FABRIC REPAIRS / ALTER	ATIONS			
						\sim	KEY Areas of brickwork to be carefully of demolition of existing building fabr	dismantled and removed/ ric.			С
							Area of brickwork to be propped an	nd carefully repaired/ rebuilt using			
							bonded as required with matching non-hydraulic lime mortar	coursing / pointing using			
						Z	New brickwork to form replacemer existing openings, using reclaimed brickwork, cut toothed and bonded	nt building envelope / infill of brickwork / specially made d to existing with matching coursing			
							/ pointing using non-hydraulic lime	e mortar			
						NEW STEEL BEAM - REFER TO SE DETA	constructions, to reduce loading or need for strengthening or replacing	n existing structure & subsequent g existing timbers. Padstones			
							Engineer / Eastwood and Partners of	drawings.			d
							1 - Existing infill brickwork and doo opening reinstated. Brickwork to ex	prway removed and original arched xisting archway to be made good,			
							with archway and brickwork above joint reinforcement 2 courses apar	e to be strengthened to include bed t to inner and outer leaf with			
							Engineers details	ickwork - refer to Structural			
							Z - Existing infill brickwork to origin re-instated as a window opening w detail externally and concrete linte	nal brick archway removed and vith 150 deep channel section lintel el detail internally - refer to	E New structure ur	dated to match	23/10/2020
							Structural Engineers details. 3 - New opening formed with chan	nnel section lintel to our leaf /	structural engine Replacement slic	ers details. ing sash windows [!	5A]
							concrete lintel to inner leaf - refer t 4 - Demolition of existing unstable	to Structural Engineers details wall. New wall instated adiacent to	to Garden Street replacement cas elsewhere to 3 si	& Courtyard & ement windows orey range. Issued f	or
							arch opening in 215mm thick solid to existing walls.	masonry, cut toothed and bonded	planning approva E Note 6 revised	d MAW	19/05/2020
							5 - Existing modern windows remo flush casement windows in hardwo	oved and replaced with new timber ood with friction hinges, double	D Amended in line model plans JV	with latest studio V	18/11/2019
							glazing and paint finish. 5A - Existing modern windows ren	noved and replaced with new	C Amended in line plans. Detail of w	with latest preopose orks added JW	ed 05/08/2019
							timber vertical sliding sash window h/w incorporating 'Slimlite' or simil	vs in selected s/w or paint grade lar double glazed units, putty	Issue JW A Existing Stair to ?	Storey Range	07/12/2018
							6 - Existing single storey brick build	ding has been demolished. Note	Retained JW		
							to Structural Engineers, Eastwood a details for new foundation design.	and Partners latest drawings /			\setminus
							7 - Demolition of existing single stowith brickwork carefully dismantlee	orey extension to 2-storey range, d and salvaged where possible	\/ F	υT	• \/
							8 - Existing concrete floor slab rem concrete floor slabs cast internally	noved, with new ground bearing - refer to Structural Engineers /		_	. \
							Eastwood and Partners details Reclaimed paving to to courtyard b	be continued through new external	U	RE	
							link through 3-storey range, to forn 9 - 2 storey range traditional metal	n accessible entrance to site. I trades windows to be replaced in	GE	NERATION	
							timber to match existing but with 's putty beaded.	Slimlite' or similar double glazing			
							10 - Galvanised steel straps fixed to 900mm vertical centres. Straps and galvanised finish. Areas of cracked	to cross wall / external walls at d fixings to remain exposed with brickwork to be strapped internally			
							 refer to Structural Engineers / Eas 11 - Existing window opening adaption 	stwood and Partners details pted to form doorway. Window	Hevision		KIS
							casement, stone cill and brickwork carefully salvaged and reinstated w	below to be removed. Stone cills vhere possible.	Talbot Chambers 2-6	archit	ecture
							12 - Existing stone / concrete stair with new timber treads and risers.	case to be retained and overlaid	CTEEI (IT	+44(0)114 2490966 www.ε ΥΡΗΛΟΓ΄ (axis-architecture.com
							13 - Existing timber staircase to be overlaid and staircase independent	e retained, treads and risers to be tly secured with props and timber	RESIDENTIAL DEVEL	OPMENT	J
							14 - Original listed staircase to be i	retained and restored, with		י אר אר	
							form a protective enclosure.	eu. New Walls / glazed partitions to	WORKS TO) EXISTIN(G
							joists and boarding to be reclaimed New floor structure supported by i	d and reinstated where possible. oists hangers fixed to existing	A1 Scale A3 Scale 1:50 1:100	Date Drawn By SEPT 2018 CJS	RIBA #1
							masonry structure 16 - Brick infill to original window of	openings to be removed, with brick	Drawing Number		Revision
							arched lintel repaired, with new tin in selected s/w or paint grade h/w	nber vertical sliding sash windows incorporating 'Slimlite' or similar	27100_		-

double glazed units, putty beaded.









R A3 unit revised with passageways to either side formed. External paving updated. Single storey extension up to 2 storey listed range omitted. Exist Electrical (Bemco) Plantroom building retained. Units 3,4 & 6 layouts updated.External wall & windows to new stair revised. Issued for planning approval | MAW P Work to unit 3 cellar omitted & gf layout 17/09/2020 revised. Roof light to laundry/vending area omitted. Unit 5 window changed to door as elevation. Unit 3 window changed to door. Entrance doors to unit 4 & 5 updated to match elevation. MAW N Tender Issue. Minor amendments to 13/05/2020 layouts | RC M Unit 3 layout amended. External light 02/03/2020 well added | JW L Layouts amended. Cellar level included 18/11/2019 | JW K Layouts revised following design 08/11/2019 review|JW J 2 Storey Listed Range Amended In Line 05/08/2019 With Existing Window Pattern | JW _____ H Layout Revised To Include Studios 16/05/2019 Throughout, In Line With Client Comments. S73 Planning Issue | JW G Stair Core Line Amended. Position of 16/04/2019 Feature Stair Revised. Roof Lights Above Revised. Glazed Link Position Amended | JW F Floor Levels, Rooflight and Stair Design 11/03/2019 Amended | JW E Amendments in Line with Planning 06/03/2019 Officer Comments | JW D General Amendments. Tender Status 28/01/2019

- Issue | JW C Amendments In Line With Consultant 28/01/2019 Coordination | JW
- B Amendment to Bedroom Layout and 14/01/2019 Envelope Lining | JW A Proposal Amended In Line With Planner 09/01/2019
- Comments | JW



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 STEEL CITY SITE 3 RESIDENTIAL DEVELOPMENT SHEFFIELD FUTURE GENERATION GA PLANS PROPOSED



DO NOT SCALE for manufacture. Verify all dimensions prior to construction



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С

R	Single storey extension up to 2 storey listed range omitted. Exist Electrical (Bemco) Plantroom building retained. External wall & windows to new stair revised. Issued for planning approval	23/10/2020
Ρ	MAW Stair window omitted. External wall to link to existing building changed to zinc. Roof window omitted to flat roof	17/09/2020
N	Door to roof adj unit 12 changed to window and additional window position retained to match style of existing metal	14/09/2020
	trades windows MAW	d
IVI	layouts RC	13/05/2020
L	Layouts amended JW	18/11/2019
K	Layouts revised following design review	08/11/2019
J	2 Storey Listed Range Amended In Line With Plans / Existing Wall Retained .IW	05/08/2019
н	Layout Revised To Show Studios Throughout, In Line With Client	16/05/2019
G	Comments. S73 Planning Issue JW Rooflight Design Amended To Suit FC Comments. Glazed Link Position	16/04/2019
F	Rooflight and Stair Design Amended	11/03/2019
Е	JW Amendments In Line With Planning	06/03/2019
D	General Amendments JW	28/01/2019
С	Issue JW Amendments In Line With Consultant	28/01/2019
в	Coordination JW Proposal Amended In Line With Planner	09/01/2019
Δ	Comments JW Evisting Stair to 3 Storey Bange	07/12/2018
~	Retained JW	01/12/2010
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Revi	sion	
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Tall	bot Chambers 2-6 North Church Street Sheff +44(0)114 2490944 fax: +44(0)114 2490966 www.axis-	ield S1 2DH architecture.com
C.		





Floor level to be lowered to equal adjoining floors, and provide sufficient headroom under roof trusses

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N	Single storey extension up to 2 storey	23/10/2020
	(Bemco) Plantroom building retained. External wall & windows to new stair revised. Issued for planning approval	d
L	Stair window omitted. Ext wall to link to ex building changed to zinc MAW	17/09/2020
K	Tender issue. Minor amendments to layouts RC	13/05/2020
J	Layouts amended JW	18/11/2019
F	Layouts revised following design review JW	08/11/2019
Ċ	Layout Revised To Show Studios Throughout, In Line With Client Comments, S73 Planning Issue 1, IW	16/05/2019
F	Position Of Glazed Link Amended JW	16/04/2019
E	Stair Design Amended JW	11/03/2019
C	General Amendments. Tender Status Issue JW	28/01/2019
C	Amendments In Line With Consultant Coordination JW	28/01/2019
B	Proposal Amended In Line With Planner Comments JW	09/01/2019
A	Existing Stair to 3 Storey Range Retained JW	07/12/2018

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	FUT	
A	Proposals Amended In Line With Planner Comments JW	09/01/2019
В	Amendments In Line With Consultant Coordination	28/01/2019
С	General Amendments. Tender Status	28/01/2019
D	Stair Design Amended JW	11/03/2019
Е	Position Of Glazed Link Amended JW	16/04/2019
F	2-Storey Extension Envelope Revised.	16/05/2019
G	Layouts revised following design review	08/11/2019
н	Garden street changed as 2F. MAW Tender issue. Minor amendments to	13/05/2020
J	revised. Issued for planning approval MAW Roof terrace to unit 19 omitted. Stair	17/09/2020
к	Single storey extension up to 2 storey listed range omitted. Exist Electrical (Bemco) Plantroom building retained. External wall & windows to new stair	23/10/2020

GENERATION

DO NOT SCALE for manufacture. Verify all dimensions prior to construction

ELEVATION 1 - GARDEN STREET

ELEVATION 3

а

MATERIALS KEY

- 1. Red facing brickwork with mid-grey colour mortar with raked joint. Sample panel to be approved by Planning/ Conservation Officer.
- 2. Soldier coursed brickwork to match.
- 3. Patinated zinc cladding with vertical standing seam detail.
- 4. Emphasised glazed opening to respect the historical cart entrance to the site.
- 5. Existing render to be inspected and made good where required, new render finish to match existing.
- 6. Existing brickwork to be cleaned and repaired with replacement brickwork, to be approved by Planning / Conservation Officer.
- 7. Existing windows to be made good or replaced like-for-like where required.
- 8. Natural slate to pitched roofs.
- 9. Exposed steel channel, colour TBC.
- 10. Black sinusoidal cladding in vertical orientation.

WINDOWS to be high performance PPC Aluminium (RAL 7022) with trickle vents (ADF System ventilation strategy), acoustic to XXX. Whole window U-value to be max, 1.2W/m²k. Clear double glazing (U.N.O.) with g-value max 0.42. Replacement windows to existing buildings to be high performance PPC Aluminium (colour TBC) with opening casements with glazing bars.

CURTAIN WALLING (to glazed link and stair cores) to be minimal framed PPC Aluminium (RAL 7022) with high performance clear double glazing. Whole window U-value to be max, 1.5W/m²k. Clear double glazing (U.N.O) with g-value max 0.42.

- L Stair window changed from corner 30/10/2020 window to single window. Window format updated to new casement style _____ windows where required as contract VE to 3 & 2 storey range. External door styles revised & updated. | MAW
- K A3 unit revised with passageways to 23/10/2020 either side formed. Single storey extension up to 2 storey listed range omitted. Exist Electrical (Bemco) Plantroom building retained. External d wall & windows to new stair revised. Issued for planning approval | MAW
- J Elevation 1, 3F window opening sizes 17/09/2020 revised to match 2F, 3 No new sash window types to ex building. Elevation 1 & 3 link to ex building changed to zinc cladding. Elevation 3 curtain wall changed to 4 windows. Elevation 3 stair _____ windows (3 No) omitted. Elevation 4 3 No new sash window types to ex building. | MAW
- H Elevation 1 GF opening to existing 14/09/2020 range changed to solid timber boarded door | MAW
- G Elevation Window Design Amended In 05/08/2019 Line With Plans | JW
- F Elevations Amended To Suit Details. 17/05/2019 S73 Planning Issue | JW E Elevations Amended In Line With Plans. 10/04/2019
- Window References Added | JW D Floor Levels Amended | JW 11/03/2019
- C Amendments In Line With Planning 06/03/2019
- Officer Comments | JW B General Amendments. Tender Status 28/01/2019 Issue | JW
- A Proposal Amended In Line With Planner 09/01/2019 Comments | JW

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C COPYRIGHT EXISTS ON ALL DESIGN AND INFORMATION SHOWN DO NOT SCALE for manufacture. Verify all dimensions prior to construction

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15 16 MATERIALS KEY 1. Red facing brickwork with mid-grey colour mortar with raked joint. Sample panel to be approved by Planning/ Conservation Officer.

- 2. Soldier coursed brickwork to match.
- 3. Patinated zinc cladding with vertical standing seam detail.
- 4. Emphasised glazed opening to respect the historical cart entrance to the site.
- 5. Existing render to be inspected and made good where required, new render finish to match existing.
- 6. Existing brickwork to be cleaned and repaired with replacement brickwork, to be approved by Planning / Conservation Officer.
- 7. Existing windows to be made good or replaced like-for-like where required.
- 8. Natural slate to pitched roofs.
- 9. Exposed steel channel, colour TBC.
- 10. Black sinusoidal cladding in vertical orientation.

WINDOWS to be high performance PPC Aluminium (RAL 7022) with trickle vents (ADF System ventilation strategy), acoustic to XXX. Whole window U-value to be max, 1.2W/m²k. Clear double glazing (U.N.O.) with g-value max 0.42. Replacement windows to existing buildings to be high performance PPC Aluminium (colour TBC) with opening casements with glazing bars.

CURTAIN WALLING (to glazed link and stair cores) to be minimal framed PPC Aluminium (RAL 7022) with high performance clear double glazing. Whole window U-value to be max, 1.5W/m²k. Clear double glazing (U.N.O) with g-value max C 0.42.

> L Stair window changed from corner 30/10/2020 window to single window. Window format updated to new casement style windows where required as contract VE to 3 & 2 storey range. External doors to revised & updated. Notes added re internal windows on elevation 8. | MAW K A3 unit revised with passageways to 23/10/2020 either side formed. Single storey extension up to 2 storey listed range omitted. Exist Electrical (Bemco) Plantroom building retained.External wall & windows to new stair revised. Issued for planning approval | MAW J Elevation 5, middle door to ex stair 14/09/2020 changed to solid timber plank. Elevation 8 door to roof omitted & windows added | MAW H Elevation 10 amended, D01 omitted | 18/06/2020 G Elevation 8 Amended In Line With Plans 05/08/2019

- / Existing Window Pattern | JW
- F Elevations Amended In Line With Plans. 17/05/2019 S73 Planning Issue | JW
- E Elevations Amended In Line With Plans. 10/04/2019 Window Reference Added | JW
- D Floor Levels Amended | JW 11/03/2019 C Amendments In Line With Planner 06/03/2019
- Comments | JW
- B General Amendments. Tender Status 28/01/2019 Issue | JW
- A Proposal Amended In Line With Planner 09/01/2019 Comments | JW

6

ELEVATION 1 - GARDEN STREET SOUTH ELEVATION

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FABRIC WORKS KEY

GENERAL

Eastwood and Partners Sub-Contractor Cordtape Limited

temporary protection to window openings where glass broken to prevent pigeon ingress

site Friday 18th January 2019

with the Client

BUILDING FABRIC REPAIRS / UPGRADE BRICKWORK REPAIRS KEY

coursing / pointing using non-hydraulic lime mortar

layer and plaster skim finish.

battens on breathable membrane.

of a lath and plaster ceiling

gutters / collared round downpipes

stone detailing. paint finish.

boarded door fixed shut.

beaded.

lime Stone Repair Mortar

Refer to separate Structural Condition / Survey reports carried out by

- Refer to separate Asbestos Report carried out by Cordtape Limited Asbestos Removal being carried out under separate contract by Specialist
- Pigeon guano removal to be carried out by Main Contractor and to include
- Main Contractor to allow for removal of redundant cabling / services, light
- fittings, extract vents etc from façade and making good as required Main Contractor to allow for soft-strip of listed buildings in line with
- discussions with Planning / Conservation Officer, following walk-around of
- Main Contractor to allow for specialist damp and timber condition surveys, with implementation of recommendations and associated costs to be agreed
- Main Contractor to allow for carefully raking out and complete re-pointing of existing Listed Ranges, using non-hydraulic lime mortar, following completion of brickwork / building fabric repairs and alterations to create new openings

- Areas of brickwork to be propped and carefully dismantled and rebuilt using reclaimed brickwork / specially made brickwork, cut toothed and bonded as required with matching coursing / pointing using non-hydraulic lime mortar
- Area of localised / patch repair to brickwork using reclaimed brickwork / specially made brickwork, cut toothed and bonded as required with matching
- **1** Existing slate roof covering removed, roof timbers exposed and checked for rot / structural capacity and repaired / replaced as necessary.
- Refurbishment to allow for open roof construction, with circa 100mm thick mineral fibre flexible insulation batts to provide tight fit between rafters and underdrawn with 22mm insulated plasterboard with integral vapour control
- Roof covering replaced with Spanish or Canadian Slate with matching ridge tiles, subject to Planning / Conservation Officer approval on tannalised SW
- Allowance for existing chimney stacks to be repointed, chimney pots added where missing / re-bedded as appropriate and lead flashings replaced
- NB Further discussion with Conservation Officer required during the 'soft strip' phase, to agree an area within the development for the re-instatement
- **2** Existing UPVC rainwater goods removed and replaced with cast aluminium type (Rainwater Direct or similar) pre-finished black with ogee
- **3** Paint removed from existing stone heads / cills / string course and plinth, using non-aggressive chemical treatment or light polystyrene bead blasting. Mortar joints repointed as necessary using non-hydraulic mortar mix
- **4** Existing render finish removed from entire elevation and 400mm to side returns to allow for new build construction.
- Surface thoroughly prepared and new 3 coat non-hydraulic lime render (Cornish Lime or similar approved) applied, carefully cutting in to existing
- **5** Existing modern windows removed and replaced with new timber casement windows in hardwood with friction hinges, double glazing and
- **5A** Existing modern windows removed and replaced with new timber vertical sliding sash windows in selected s/w or paint grade h/w incorporating 'Slimlite' or similar double glazed units, putty beaded.
- **6** Existing modern door removed and replaced with new solid timber
- **7** Demolition of existing single storey brick building with allowance for grubbing up existing basement structure to suit new build foundations - refer to Structural Engineers, Eastwood and Partners latest drawings / details.
- NB Contractor to allow for carefully removing / salvaging original cart entrance detail on corner of building for re-use in the new build, to be incorporated in the new entrance doorway.
- **8** Brickwork above existing arched opening strengthened to include bed joint reinforcement 2 courses apart to inner and outer leaf with vertical tie bars within centre of brickwork - refer to Structural Engineers details
- **9** Existing infill brickwork removed and re-instated as a window opening with 150 deep channel section lintol detail externally and concrete lintol detail internally - refer to Structural Engineers details
- **10** Existing vertical joint strapped internally and repointed refer to Structural survey report / Eastwood and Partners details
- **11** 2 storey range traditional metal trades windows to be replaced in timber to match existing but with 'Slimlite' or similar double glazing putty
- **12** Existing stone string course / window cills repaired with non-hydraulic
- **13** Cracked brickwork strapped internally, damaged bricks replaced and repointed as specification for patch repairs elsewhere - refer to Structural survey report / Eastwood and Partners details
- **14** New opening formed with channel section lintol to our leaf / concrete lintol to inner leaf - refer to Structural Engineers details
- **15** Existing render finish patch repaired where required; areas thoroughly prepared and new 3 coat non-hydraulic lime render (Cornish Lime or similar approved) applied. New paint finish applied with a breathable paint compatible with the lime render system (Earthborn Ecopro Silicate Masonry System or similar approved), colour BS 5252 00-A-03 'Grey'.
- **16** GREEN HATCH Allowance for carefully cutting back existing render, fitting galvanised shadow render stop and replacing render below (circa 1m high strip where damaged) with galvanised render stop and exposing minimum 2 courses brickwork margin below to suit ground levels of adjoining phases. Render and paint finish specifications as per no. 15.

15

Wherever possible unnecessary risk is designed out of these proposals. Where residual risk remains this is assessed and identified on the relevant drawings with this symbol. Refer to the note and the relevant measures in the Health + Safety documentation

30/10/2020

- H Window format updated to new casement style windows where required as contract VE to 3 & 2 storey range. External door styles revised & updated. | MAW
- G Drawing generally updated as 23/10/2020 27155 A(02)31R to show passageways either side of A3 unit & retention of existing electrical (Bemco) building Replacement sliding sash windows [5A] to Garden Street & Courtyard. Replacement casement windows elsewhere to 3 storey range. Issued for planning approval | MAW
- F Elevation 1 GF opening to existing 14/09/2020 range changed to solid timber boarded door. Notes updated | MAW
- E Repair annotations amended | JW 15/08/2019
- D Proposed Elevation 1 Amended In Line 05/08/2019
- With Plans | JW C Proposed Floor Levels Amended | JW 11/03/2019
- B Proposed Design Revised In Line With 06/03/2019 Planner Comments | JW A Tender Status Issue | JW
 - 28/01/2019

ΑΧΙ architecture Talbot Chambers 2-6 North Church Street Sheffield S1 2DH

tel: +44(0)114 2490944 fax: +44(0)114 2490966 www.axis-architect **STEEL CITY SITE 3** RESIDENTIAL DEVELOPMENT

SHEFFIELD FUTURE GENERATION

'ELEVATION 4 - 2 STOREY RANGE EAST ELEVATION

GENERAL

Eastwood and Partners

Sub-Contractor Cordtape Limited pigeon ingress

site Friday 18th January 2019 with the Client

BUILDING FABRIC REPAIRS / UPGRADE BRICKWORK REPAIRS

KEY

layer and plaster skim finish.

battens on breathable membrane.

of a lath and plaster ceiling

gutters / collared round downpipes

stone detailing. paint finish.

boarded door fixed shut.

beaded.

lime Stone Repair Mortar

- Refer to separate Structural Condition / Survey reports carried out by
- Refer to separate Asbestos Report carried out by Cordtape Limited Asbestos Removal being carried out under separate contract by Specialist
- Pigeon guano removal to be carried out by Main Contractor and to include temporary protection to window openings where glass broken to prevent
- Main Contractor to allow for removal of redundant cabling / services, light fittings, extract vents etc from façade and making good as required
- Main Contractor to allow for soft-strip of listed buildings in line with
- discussions with Planning / Conservation Officer, following walk-around of Main Contractor to allow for specialist damp and timber condition surveys,
- with implementation of recommendations and associated costs to be agreed
- Main Contractor to allow for carefully raking out and complete re-pointing of existing Listed Ranges, using non-hydraulic lime mortar, following completion of brickwork / building fabric repairs and alterations to create new openings
- Areas of brickwork to be propped and carefully dismantled and rebuilt using reclaimed brickwork / specially made brickwork, cut toothed and bonded as required with matching coursing / pointing using non-hydraulic lime mortar
- Area of localised / patch repair to brickwork using reclaimed brickwork / specially made brickwork, cut toothed and bonded as required with matching coursing / pointing using non-hydraulic lime mortar
- **1** Existing slate roof covering removed, roof timbers exposed and checked for rot / structural capacity and repaired / replaced as necessary.
- Refurbishment to allow for open roof construction, with circa 100mm thick mineral fibre flexible insulation batts to provide tight fit between rafters and underdrawn with 22mm insulated plasterboard with integral vapour control
- Roof covering replaced with Spanish or Canadian Slate with matching ridge tiles, subject to Planning / Conservation Officer approval on tannalised SW
- Allowance for existing chimney stacks to be repointed, chimney pots added where missing / re-bedded as appropriate and lead flashings replaced
- NB Further discussion with Conservation Officer required during the 'soft strip' phase, to agree an area within the development for the re-instatement
- **2** Existing UPVC rainwater goods removed and replaced with cast aluminium type (Rainwater Direct or similar) pre-finished black with ogee
- **3** Paint removed from existing stone heads / cills / string course and plinth, using non-aggressive chemical treatment or light polystyrene bead blasting. Mortar joints repointed as necessary using non-hydraulic mortar mix
- **4** Existing render finish removed from entire elevation and 400mm to side returns to allow for new build construction.
- Surface thoroughly prepared and new 3 coat non-hydraulic lime render (Cornish Lime or similar approved) applied, carefully cutting in to existing
- **5** Existing modern windows removed and replaced with new timber casement windows in hardwood with friction hinges, double glazing and
- 5A Existing modern windows removed and replaced with new timber vertical sliding sash windows in selected s/w or paint grade h/w incorporating 'Slimlite' or similar double glazed units, putty beaded.
- **6** Existing modern door removed and replaced with new solid timber
- **7** Demolition of existing single storey brick building with allowance for grubbing up existing basement structure to suit new build foundations - refer to Structural Engineers, Eastwood and Partners latest drawings / details.
- NB Contractor to allow for carefully removing / salvaging original cart entrance detail on corner of building for re-use in the new build, to be incorporated in the new entrance doorway.
- **8** Brickwork above existing arched opening strengthened to include bed joint reinforcement 2 courses apart to inner and outer leaf with vertical tie bars within centre of brickwork - refer to Structural Engineers details
- **9** Existing infill brickwork removed and re-instated as a window opening with 150 deep channel section lintol detail externally and concrete lintol detail internally - refer to Structural Engineers details
- **10** Existing vertical joint strapped internally and repointed refer to Structural survey report / Eastwood and Partners details
- **11** 2 storey range traditional metal trades windows to be replaced in timber to match existing but with 'Slimlite' or similar double glazing putty
- **12** Existing stone string course / window cills repaired with non-hydraulic
- **13** Cracked brickwork strapped internally, damaged bricks replaced and repointed as specification for patch repairs elsewhere - refer to Structural survey report / Eastwood and Partners details
- **14** New opening formed with channel section lintol to our leaf / concrete lintol to inner leaf - refer to Structural Engineers details
- **15** Existing render finish patch repaired where required; areas thoroughly prepared and new 3 coat non-hydraulic lime render (Cornish Lime or similar approved) applied. New paint finish applied with a breathable paint compatible with the lime render system (Earthborn Ecopro Silicate Masonry System or similar approved), colour BS 5252 00-A-03 'Grey'.
- **16** GREEN HATCH Allowance for carefully cutting back existing render, fitting galvanised shadow render stop and replacing render below (circa 1m high strip where damaged) with galvanised render stop and exposing minimum 2 courses brickwork margin below to suit ground levels of adjoining phases. Render and paint finish specifications as per no. 15.

15

Wherever possible unnecessary risk is designed out of these proposals. Where residual risk remains this is assessed and identified on the relevant drawings with this symbol. Refer to the note and the relevant measures in the Health + Safety documentation

d

- H Window format updated to new 30/10/2020 casement style windows where required as contract VE to 3 & 2 storey range. External doors to revised & updated. Notes added re internal windows on elevation 8. | MAW
- G Drawing generally updated as 23/10/2020 27155_A(02)31R to show passageways either side of A3 unit & retention of existing electrical (Bemco) building. Existing metal trades windows [11] to _____ be replaced to match existing with slimlite dg & putty beaded. Replacement casement windows elsewhere to 2 storey range. Issued for planning approval | MAW
- F Elevation 3 Middle door to ex stairway 14/09/2020 to be solid timber boarded door. Elevation 4 - door to roof changed to window and additional internal window shown | MAW
- E Repair Annotations Amended | JW 15/08/2019
- D Elevation 4 Amended In Line With Plans 05/08/2019
- and Existing Window Pattern | JW C Proposed Floor Levels Amended | JW 11/03/2019
- B Proposed Design Revised In Line With 06/03/2019 Planner Comments | JW A Tender Status Issue | JW 28/01/2019
- U E R U GENERATION

AXIS architecture Talbot Chambers 2-6 North Church Street Sheffield S1 2DH tel: +44(0)114 2490944 fax: +44(0)114 2490966 www.axis-architect **STEEL CITY SITE 3**

RESIDENTIAL DEVELOPMENT SHEFFIELD FUTURE GENERATION

ELEVATION 5 - 2 STOREY RANGE SOUTH ELEVATION

approximate outline of phase

7

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11

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GENERAL Eastwood and Partners

Sub-Contractor Cordtape Limited pigeon ingress

site Friday 18th January 2019 with the Client

BUILDING FABRIC REPAIRS / UPGRADE

BRICKWORK REPAIRS KEY

layer and plaster skim finish.

battens on breathable membrane.

of a lath and plaster ceiling

gutters / collared round downpipes

stone detailing.

paint finish.

boarded door fixed shut.

beaded.

lime Stone Repair Mortar

Refer to separate Structural Condition / Survey reports carried out by

- Refer to separate Asbestos Report carried out by Cordtape Limited Asbestos Removal being carried out under separate contract by Specialist
- Pigeon guano removal to be carried out by Main Contractor and to include temporary protection to window openings where glass broken to prevent
- Main Contractor to allow for removal of redundant cabling / services, light
- fittings, extract vents etc from façade and making good as required Main Contractor to allow for soft-strip of listed buildings in line with
- discussions with Planning / Conservation Officer, following walk-around of
- Main Contractor to allow for specialist damp and timber condition surveys, with implementation of recommendations and associated costs to be agreed
- Main Contractor to allow for carefully raking out and complete re-pointing of existing Listed Ranges, using non-hydraulic lime mortar, following completion of brickwork / building fabric repairs and alterations to create new openings
- Areas of brickwork to be propped and carefully dismantled and rebuilt using reclaimed brickwork / specially made brickwork, cut toothed and bonded as required with matching coursing / pointing using non-hydraulic lime mortar
- Area of localised / patch repair to brickwork using reclaimed brickwork / specially made brickwork, cut toothed and bonded as required with matching coursing / pointing using non-hydraulic lime mortar
- **1** Existing slate roof covering removed, roof timbers exposed and checked for rot / structural capacity and repaired / replaced as necessary.
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- Roof covering replaced with Spanish or Canadian Slate with matching ridge tiles, subject to Planning / Conservation Officer approval on tannalised SW
- Allowance for existing chimney stacks to be repointed, chimney pots added where missing / re-bedded as appropriate and lead flashings replaced
- NB Further discussion with Conservation Officer required during the 'soft strip' phase, to agree an area within the development for the re-instatement
- **2** Existing UPVC rainwater goods removed and replaced with cast aluminium type (Rainwater Direct or similar) pre-finished black with ogee
- **3** Paint removed from existing stone heads / cills / string course and plinth, using non-aggressive chemical treatment or light polystyrene bead blasting. Mortar joints repointed as necessary using non-hydraulic mortar mix
- **4** Existing render finish removed from entire elevation and 400mm to side returns to allow for new build construction.
- Surface thoroughly prepared and new 3 coat non-hydraulic lime render (Cornish Lime or similar approved) applied, carefully cutting in to existing
- **5** Existing modern windows removed and replaced with new timber casement windows in hardwood with friction hinges, double glazing and
- **5A** Existing modern windows removed and replaced with new timber vertical sliding sash windows in selected s/w or paint grade h/w incorporating 'Slimlite' or similar double glazed units, putty beaded.
- **6** Existing modern door removed and replaced with new solid timber
- **7** Demolition of existing single storey brick building with allowance for grubbing up existing basement structure to suit new build foundations - refer to Structural Engineers, Eastwood and Partners latest drawings / details.
- NB Contractor to allow for carefully removing / salvaging original cart entrance detail on corner of building for re-use in the new build, to be incorporated in the new entrance doorway.
- 8 Brickwork above existing arched opening strengthened to include bed joint reinforcement 2 courses apart to inner and outer leaf with vertical tie bars within centre of brickwork - refer to Structural Engineers details
- 9 Existing infill brickwork removed and re-instated as a window opening with 150 deep channel section lintol detail externally and concrete lintol detail internally - refer to Structural Engineers details
- **10** Existing vertical joint strapped internally and repointed refer to Structural survey report / Eastwood and Partners details
- **11** 2 storey range traditional metal trades windows to be replaced in timber to match existing but with 'Slimlite' or similar double glazing putty
- **12** Existing stone string course / window cills repaired with non-hydraulic
- **13** Cracked brickwork strapped internally, damaged bricks replaced and repointed as specification for patch repairs elsewhere - refer to Structural survey report / Eastwood and Partners details
- **14** New opening formed with channel section lintol to our leaf / concrete lintol to inner leaf - refer to Structural Engineers details
- 15 Existing render finish patch repaired where required; areas thoroughly prepared and new 3 coat non-hydraulic lime render (Cornish Lime or similar approved) applied. New paint finish applied with a breathable paint compatible with the lime render system (Earthborn Ecopro Silicate Masonry System or similar approved), colour BS 5252 00-A-03 'Grey'.
- **16** GREEN HATCH Allowance for carefully cutting back existing render, fitting galvanised shadow render stop and replacing render below (circa 1m high strip where damaged) with galvanised render stop and exposing minimum 2 courses brickwork margin below to suit ground levels of adjoining phases. Render and paint finish specifications as per no. 15.

15

RESIDUAL RISK Wherever possible unnecessary risk is designed out of these proposals. Where residual risk remains this is assessed and identified on the relevant drawings with this symbol. Refer to the note and the relevant measures in the Health + Safety documentation

- E Drawing generally updated as 23/10/2020 27155 A(02)31R to show passageways either side of A3 unit & retention of
- existing electrical (Bemco) building. Issued for planning approval | MAW D Repair Annotation Amended | JW 15/08/2019
- C Proposed Floor Levels Amended | JW 11/03/2019
- |B Proposed Floor Level Amended To Suit 08/03/2019 Planning Officer Comments | JW A Tender Status Issue | JW 28/01/2019

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