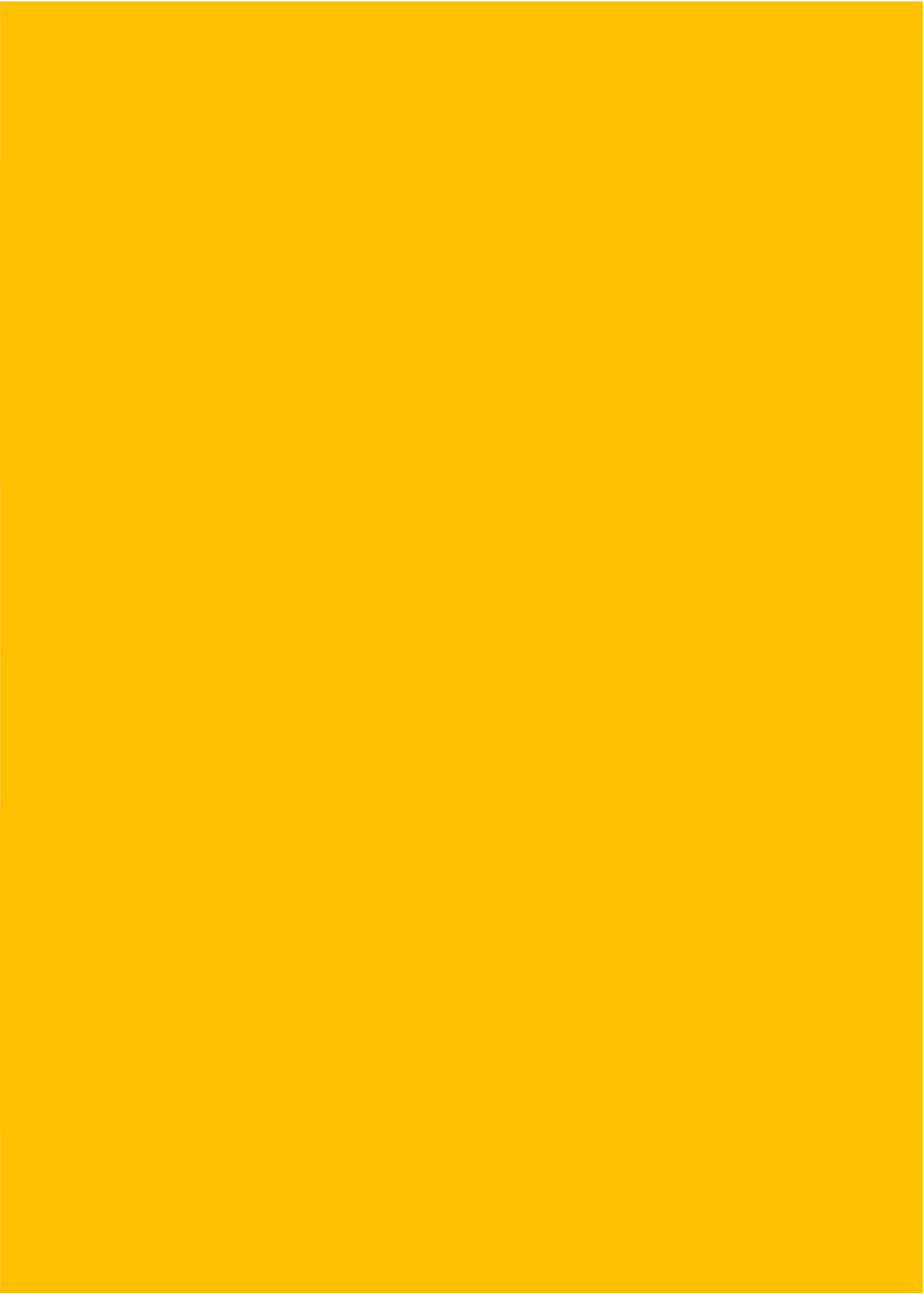


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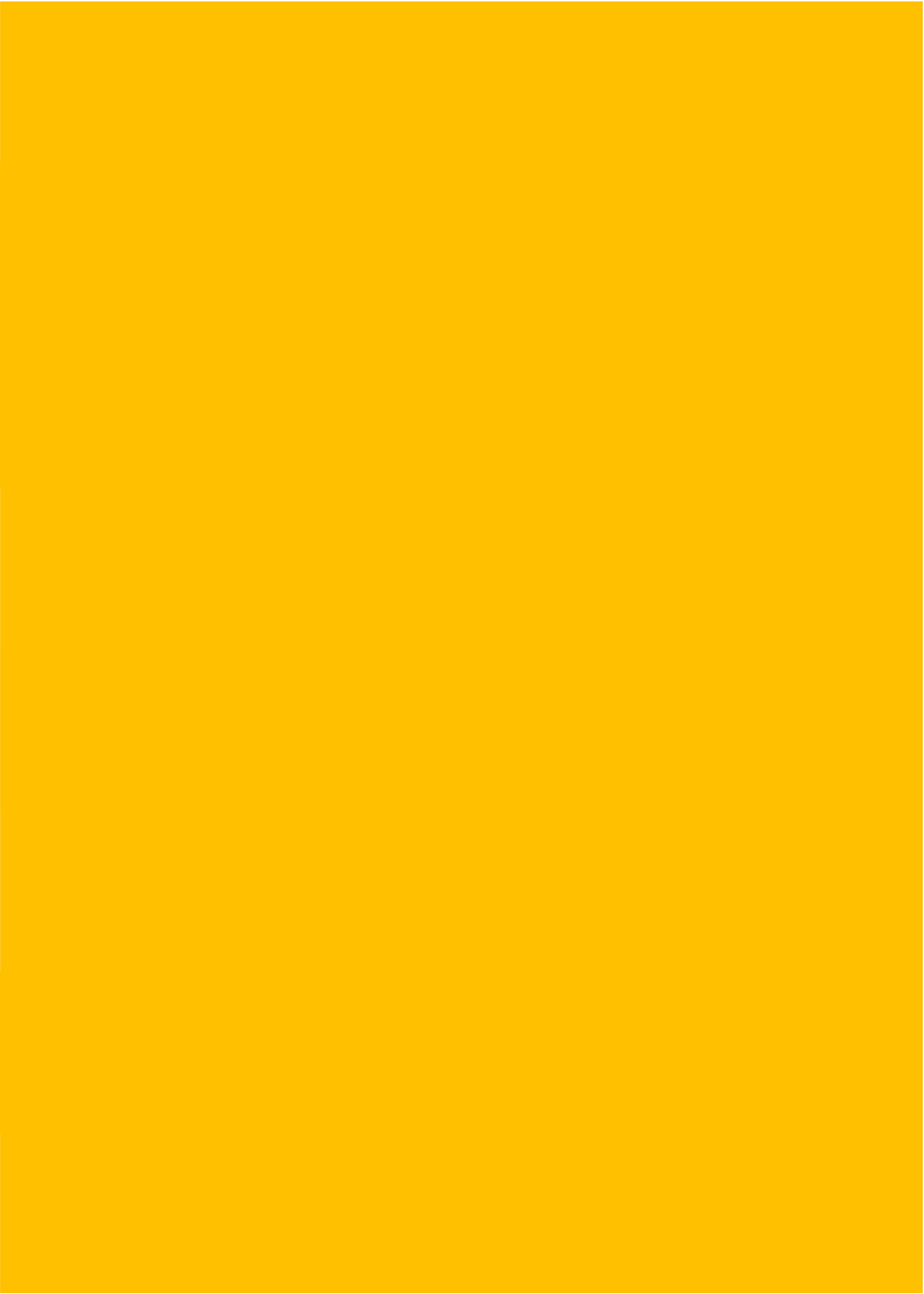
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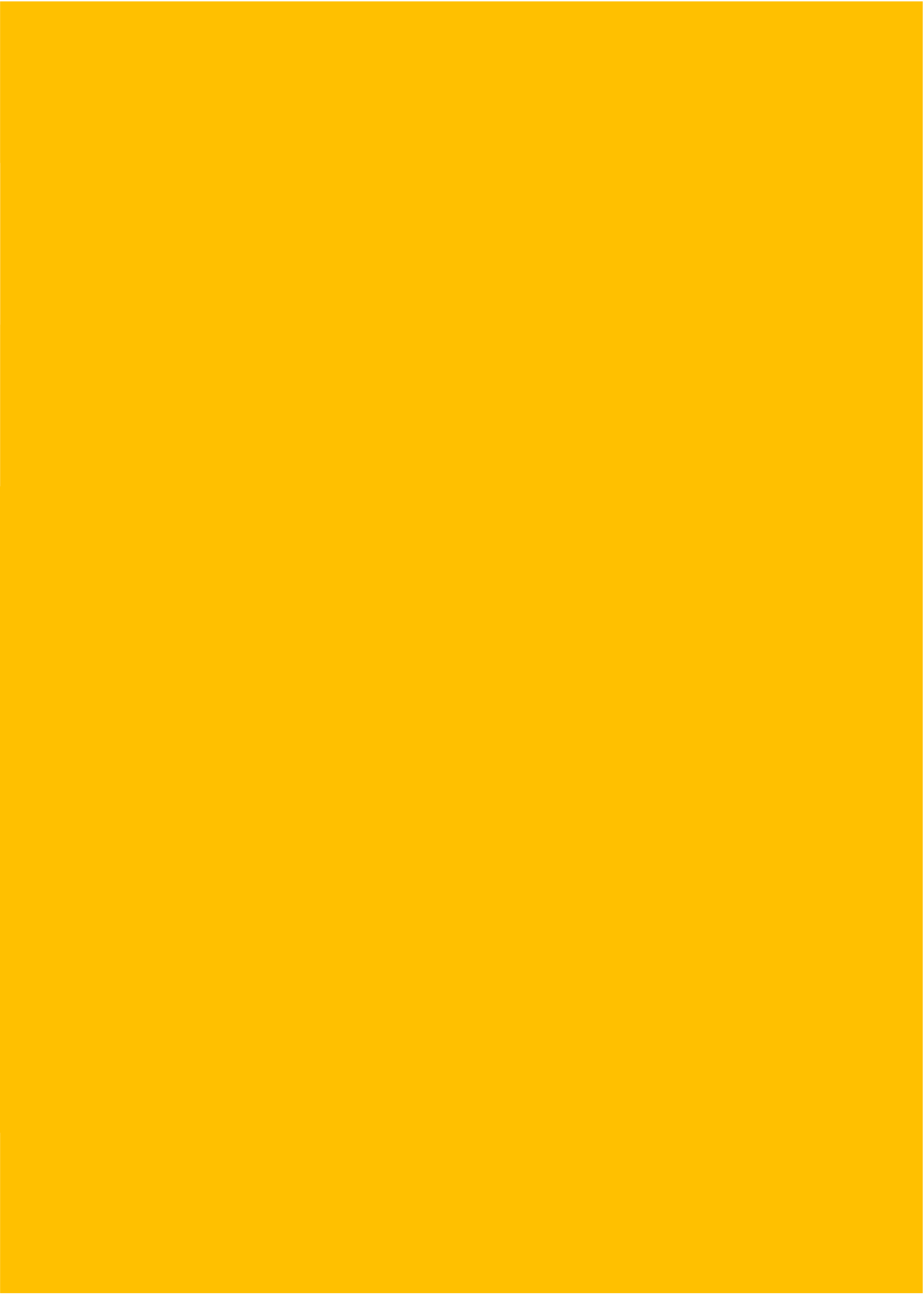


01.00 introduction

01.01 document purpose

The purpose of this document is to collate all external material sample submissions made to Manchester City Council in regard to the Listed Buildings at Kampus (MCC ref: 115570/FO/2017 main application and 115571/LO/2017 for Listed Building Consent).

The process established with MCC was to submit samples agreed at intervals, where this suited the construction programme. These email/site visit approvals were to be documented via a tracker throughout the process and collated for a final formal submission.

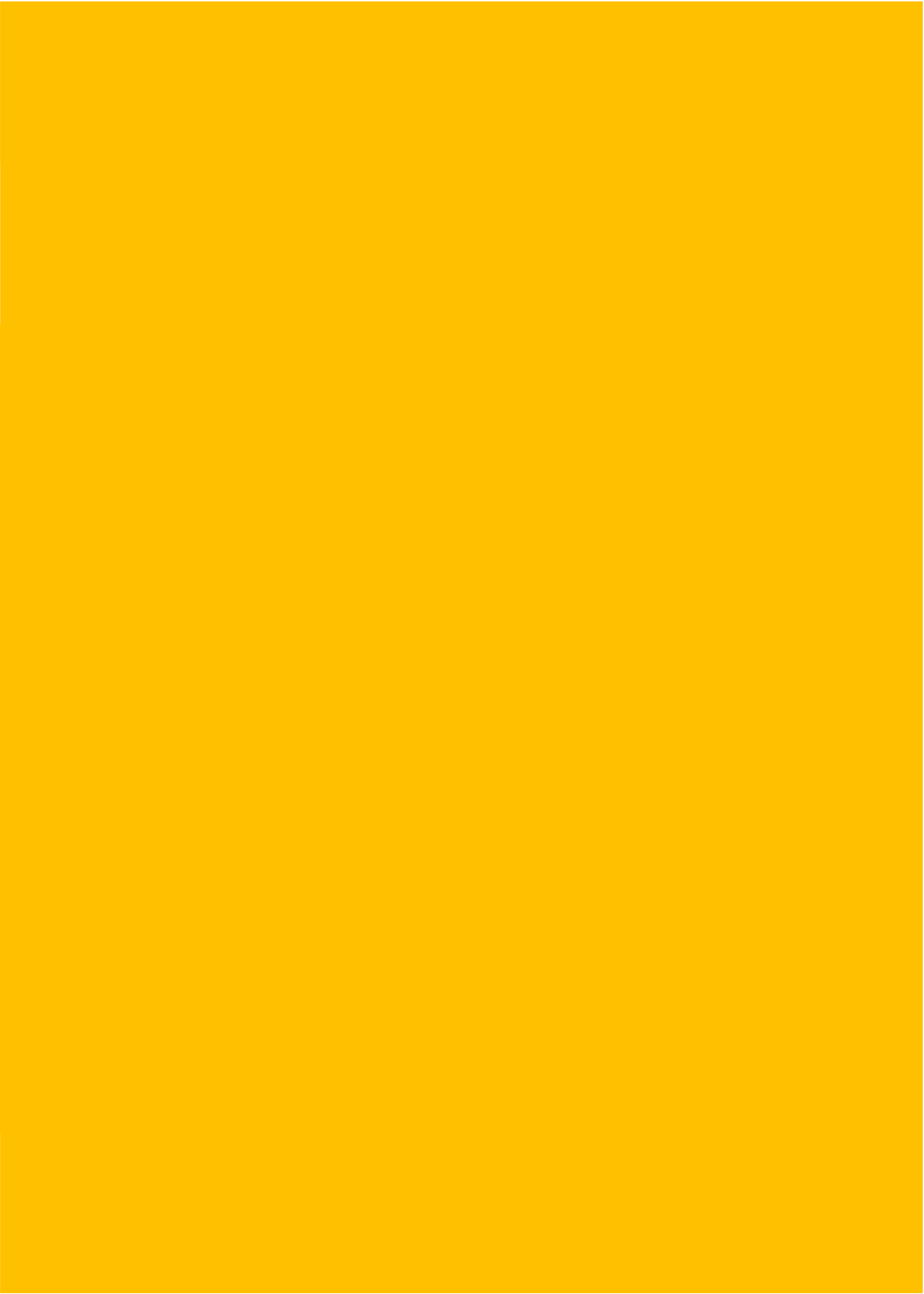


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02.00 external materials tracker

02.01 refer to tracker overleaf

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materials

kampus listed buildings

external materials sample approvals tracker

status work stage 5

rev k 22 07 2021

rev k sample sheet references added drawn/checked hmc/mj date 22 07 2021

item	sample sheet ref	description /specification	location	sample description	details (fixing, etc)	proposed issue	confirmed issue	notes
minto & turner								
01 brick +stone work	01.01	cleaning + repair of existing brick/stonework tbc by specialist	all elevations (where required/excessively stained)	sample section prior to s.o.s	tbc at issue of sample	20 11 2018	11 01 2019	confirmed via condition 33a (CDN/19/0029) + 6a (CDN/19/0028) approvals
	01.02	new brick infills - tbc following cleaning of existing brickwork	little david st + canal street elevations	proposal to re-use existing brickwork from demolition works	sample inspection on site	n/a	n/a	approved at site inspection 14.07.21
	01.03	mortar (to match existing) - tbc following any cleaning of existing brickwork	all elevations	sample section prior to s.o.s	tbc at issue of sample	20 11 2018	11 01 2019	further mortar sample approved via site visit 07.01.19
	01.04	new stone cills - extent of repairs to be confirmed. stone samples to match existing	all elevations (tbc)	longridge fell	tbc at issue of sample	20 11 2018	various - last sample 04.04.19	stone sample approved via email 05.04.19
	01.04	new stone copings - extent of repairs to be confirmed. stone samples to match existing	all elevations (tbc)	longridge fell	tbc at issue of sample	20 11 2018	various - last sample 04.04.19	stone sample approved via email 05.04.19
	n/a	chimneys/pots - extent of repairs TBC. to match existing	-	sample by s/c	tbc at issue of sample	20 11 2018	-	no chimney pots required replacement/repair
02 metalwork	02.01	cleaning + securing of existing fire escape stairs tbc by specialist	little david st + canal street elevations	refer WML repair strategy issued 10.09.19 + shedkm design note re: colour (RAL 3011) dated 19.07.19	refer WML repair strategy issued 10.09.19	05 11 2018	19 07 19 + 10 09 19	colour agreed at meeting dated 22.07.19
				repair strategy submitted under condition 33k (CDN/19/0966) + listed building condition 6k (CDN/19/0971)				mcc comment re: repair strategy below: I've taken a look through these documents and they appear acceptable provided the staircase is being repaired to a good comprehensive level. I appreciate that there may also be further localised works once certain areas have been investigated in more detail and these should be to a high conservation standard. Did we agree a red oxide colour? I've noticed that where certain sections are being replaced these are proposed in galvanised steel, however the replacement should be in a matching material (PM). condition approved 12.05.21
	02.02	cleaning + securing of external hoists tbc by specialist	little david st	repair strategy submitted under condition 33k (CDN/19/0966) + listed building condition 6k (CDN/19/0971)	various - refer to submission for condition 33k (LB 6k)	05 11 2018	28 11 2019	condition approved 12.05.21
	02.02	cleaning + repair of existing grillage tbc by specialist	little david st / chorlton st / m&t gable	repair strategy submitted under condition 33k (CDN/19/0966) + listed building condition 6k (CDN/19/0971)	repair strategy	05 11 2018	28 11 2019	condition approved 12.05.21
03 windows/louvres	03.01	timber windows	all elevations (tbc)	full size sample (timber window)	sample - 6 pane casement (1no. fixed, 1no. outward opening). glass - Guardian SN75. paint finish in final scheme - RAL 7021. window to be positioned in check as per existing condition	19 11 2018	22 07 2019	timber window sample approved at meeting 22.07.19
	03.04	aluminium shopfronts		aluminium shopfront submission requirements - glazing spec + spandrel sample	glass - Guardian SN75 (as timber windows) spandrel - powder coated aluminium panel. colour RAL 7021 to match window frames.			approved at site inspection 14.07.21
	03.03	louvres	canal street	GB technical submission incl. datasheet	renson 424 glazed-in 50mm pitch wall louvre. free area 49. powder coated in RAL 7021 to match timber window frame	19 11 2019	12 09 2019	approved at site inspection 14.07.21
04 doors	04.01	cleaning + repair of existing doors tbc by specialist	chorlton st + little david st	proposal to retain. further inspection carried out by specialist subcontractor	repair strategy detailed in specialist subcontractor report	19 11 2018	-	submit heritage project management report

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item	sample sheet ref	description /specification	location	sample description	details (fixing, etc)	proposed issue	confirmed issue	notes
	04.02	new timber residential/commercial entrance doors	little david st + m&t gable	spec. and detail to be submitted	spec. and detail to be submitted	19 11 2018	10 11 2020	typical door types + ironmongery selection issued. awaiting response from MCC. approved via email 30.11.20
05 roof	n/a (refer below)	cleaning + reinstatement of existing tiles where possible	-	sample requirement tbc at next planning meeting	tbc at issue of sample	25-07-2018	dd-mm-yyyy (tbc)	retention rate @ less than 20%. viability statement issued to mcc for review to justify replacement strategy. refer row below for new tile specification.
	05.01	new tiles to match existing	all elevations (tbc)	physical tile sample	CwtY-Bughail welsh slate, uniform laying pattern	25 07 2018	18 09 2018	physical sample approved at workshop 18.09.18
	05.02	rooflights	-	datasheet and spec only	material - pine wood, vacuum impregnated. external finish - RAL 7016, internal finish - 2 layers of white acrylic varnish, unit to be installed with low level flashing suitable for slate roof.	24 10 2018	dd mm yyyy (tbc)	approved via email 14.05.19
06 window boxes + balustrades	06.01	window box planters	little david st	full sample/mock-up required (MCC request via email 07.03.19)	tbc at issue of sample	05 11 2018	18 11 2020	also covered under condition 33c/LBC 6c submissions. sample review comments response accepted via email 16.02.21
	06.01	balustrades	little david st	full sample/mock-up required (MCC request via email 07.03.19)	tbc at issue of sample	05 11 2018	18 11 2020	also covered under condition 33c/LBC 6c submissions. sample review comments response accepted via email 16.02.21
07 other	07.01	rain water pipes	little david st + canal street elevations	spec. only	spec. only	14 11 2018	18 11 2020	informal query sent to mcc regard materiality of rainwater goods. mcc have confirmed preference for cast iron to match existing. installation on site approved by MCC 18.11.2020
	07.02	extract duct cowling	-	spec. only	spec. only	14 11 2018	-	trespa cladding omitted to reduce visual impact. submit single ply membrane + information re: duct termination in final submission.
	07.03	air bricks (mvhr)	all elevations	britannia AIR 2 (225 x 150mm) cast iron, painted black			18 09 2019	sample approved via email 10.12.19
08 signage	03.04	signage canopies	little david st (above entrance doors)	spec. only	powder coated aluminium panel. colour RAL 7021 to match window frames + doors	20 11 2018	-	approved at site inspection 14.07.21
	08.01	minto + turner existing sign	gable elevation	RAL colour submission	RAL 1036 (Perlgold)	-	30 04 2019	colour approved via email 15.05.19
09 landscaping	09.01	-	site wide	submitted under conditions 5 (CDN/18/0845 + CDN/19/0175), 33p (CDN/19/0584) + listed building 6p (CDN/19/0583)	-	-	-	MCC comments returned re: little david st paving under condition 33p/LBC6p. Condition signed off 06.05.21 awaiting sign-off of condition 5 sections
minshull house								
01 brick +stone work	01.01	cleaning + repair of existing brick/stonework tbc by specialist	site wide	sample requirement tbc at planning meeting	tbc at issue of sample	13 07 2018	11 01 2019	confirmed via condition 33a (CDN/19/0029) + 6a (CDN/19/0028) approvals
	01.02	new brick infills - tbc following cleaning of existing brickwork	site wide	proposal to re-use existing brickwork from demolition works	n/a	n/a	n/a	approved at site inspection 14.07.21
	01.03	mortar (to match existing) - tbc following cleaning of existing brickwork	site wide	sample requirement tbc at planning meeting	tbc at issue of sample	13 07 2018	11 01 2019	further mortar sample approved via site visit 07.01.19
	01.04	new stone cills - extent of repairs to be confirmed. stone samples to match existing	site wide	sample requirement tbc at planning meeting	tbc at issue of sample	13 07 2018	various - last sample 04.04.19	stone sample approved via email 05.04.19
	01.04	new stone copings - extent of repairs to be confirmed. stone samples to match existing	all elevations (tbc)	longridge fell	tbc at issue of sample	13 07 2018	various - last sample 04.04.19	stone sample approved via email 05.04.19
02 new cladding	02.03	aluminium cladding	rear courtyard + chorlton sq elevations (new extension)	1x1 sample panel	profiled aluminium cladding (30 x 30mm pitch). colour proposed RAL 7021 to match new build profiled cladding + window frames. typical details submitted under condition 33m/LBC 6m	20 11 2018	28 02 2019 (sample) + 04 07 2019 (condition)	cladding sample approved at meeting 18.03.19
03 windows/louvres	03.02	new aluminium windows	all elevations (tbc)	full size sample	tbc at issue of sample	19 11 2018	13 06 2019	glazing samples approved on site 13.06.19
	03.04	spandrels + vent panels	all elevations (tbc)	spec only	powder coated aluminium panel. colour RAL 7021 to match window frames	13 07 2018	-	approved at site inspection 14.07.21
	03.03	louvres	all elevations (tbc)	spec proposed as minto	renson 424 glazed-in 50mm pitch wall louvre. free area 49. powder coated in RAL 7021 to match aluminium window frame	19 11 2018	12 09 2019	approved at site inspection 14.07.21
04 doors	04.01	cleaning + repair of existing doors tbc by specialist	chorlton st	proposal to retain. further inspection carried out by specialist subcontractor	repair strategy detailed in specialist subcontractor report	19 11 2018	-	submit heritage project management report in final submission
	04.02	new timber residential/commercial entrance doors	little david st	spec. and detail to be submitted	spec. and detail to be submitted	19 11 2018	10 11 2020	typical door types + ironmongery selection issued. awaiting response from MCC. approved via email 30.11.20
	04.03	new glazed commercial doors	rear courtyard + chorlton sq elevations	sample requirement tbc at planning meeting	spec. and detail to be submitted	13 07 2018	10 11 2020	typical door types + ironmongery selection issued. awaiting response from MCC. approved via email 30.11.20

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item	sample sheet ref	description /specification	location	sample description	details (fixing, etc)	proposed issue	confirmed issue	notes
	04.04	louvred doors	chorlton sq	sample requirement tbc at planning meeting	spec. and detail to be submitted	13 07 2018	10 11 2020	typical door types + ironmongery selection issued. awaiting response from MCC, alternative product put forward by britplas approved 25.01.21
05 roof	n/a	cleaning + reinstatement of existing tiles where possible	-	sample requirement tbc at next planning meeting	tbc at issue of sample	25-07-2018	dd-mm-yyyy (tbc)	retention rate @ less than 20%. viability statement issued to mcc for review to justify replacement strategy. refer row below for new tile specification.
	05.01	new tiles to match existing	all elevations (tbc)	physical tile sample	CwtY-Bughail welsh slate, uniform laying pattern	25 07 2018	18 09 2018	physical sample approved at workshop 18.09.18
	05.02	roofflights	-	datasheet and spec only	material - pine wood, vacuum impregnated. external finish - RAL 7016, internal finish - 2 layers of white acrylic varnish, unit to be installed with low level flashing suitable for slate roof.	24 10 2018	dd mm yyyy (tbc)	approved via email 14.05.19
	05.03	flat roof covering	single storey extension - chorlton square	spec only	20/40 washed gravel ballast	13 07 2018	-	photograph to be sent to MCC in final submission
06 plant deck	06.02	decking	-	datasheet	Lionweld Kennedy Safegrid open bar steel grating	27 11 2018	-	datasheet to be sent to MCC in final submission
	n/a	screening (tbc)	-	sample requirement tbc at planning meeting	tbc at issue of sample	27-11-2018	dd-mm-yyyy (tbc)	screening not required - confirmed via formal approval of condition 33d re: plant deck screening
07 other	07.01	rain water pipes	all elevations (tbc)	sample requirement tbc at planning meeting	tbc at issue of sample	13 07 2018	18 11 2020	informal query sent to mcc regard materiality of rainwater goods. mcc have confirmed preference for cast iron to match existing. installation on site approved by MCC 18.11.2020
	07.02	extract duct cowlng	-	spec. only	tbc at issue of sample	13 07 2018	-	trespa cladding omitted to reduce visual impact. submit single ply membrane + information re: duct termination in final submission.
	n/a	mansafe system	extension (chorlton square) + plant deck if req.	n/a	n/a	n/a	n/a	no permanent mansafe systems proposed
	07.03	air bricks (mvhr)	all elevations	britannia AIR 2 (225 x 150mm) cast iron, painted black			18 09 2019	sample approved via email 10.12.19
08 signage	03.04	signage canopies	little david st	spec. only	powder coated aluminium panel. colour RAL 7021 to match window frames + doors	20 11 2018	-	approved at site inspection 14.07.21
09 metalwork	09.02	entrance portal	chorlton sq	spec only	painted square hollow section steelwork. RAL 1023	13 07 2018	-	approved at site inspection 14.07.21
10 landscaping	09.01	-	site wide	submitted under conditions 5 (CDN/18/0845 + CDN/19/0175), 33p (CDN/19/0584) + listed building 6p (CDN/19/0583)	-	-	-	MCC comments returned re: little david st paving under condition 33p/LBC6p. Condition signed off 06.05.21 awaiting sign-off of condition 5 sections

shedkm

03.00 sample sign off sheets

03.01 sample sign off sheet checklist

- 01.01 brickwork cleaning
- 01.02 brickwork infills
- 01.03 mortar
- 01.04 stone
- 02.01 external stair
- 02.02 existing features
- 02.03 aluminium cladding
- 03.01 timber windows
- 03.02 aluminium windows
- 03.03 aluminium louvres
- 03.04 aluminium shopfronts
- 04.01 existing doors
- 04.02 timber doors
- 04.03 glazed doors
- 04.04 louvred doors
- 05.01 roof tiles
- 05.02 rooflights
- 05.03 flat roof covering
- 06.01 planters + balustrades
- 06.02 plant decking
- 07.01 rainwater goods
- 07.02 extract duct cowling
- 07.03 cast iron air bricks
- 08.01 minto & turner sign
- 09.01 landscaping
- 09.02 entrance portal

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