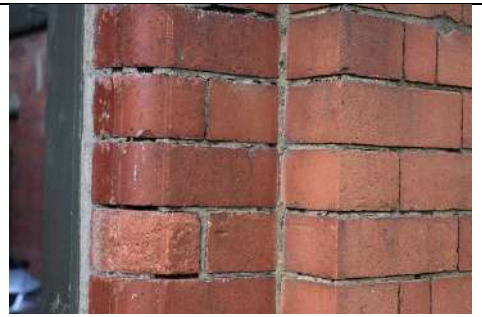
Appendix A – Photographs

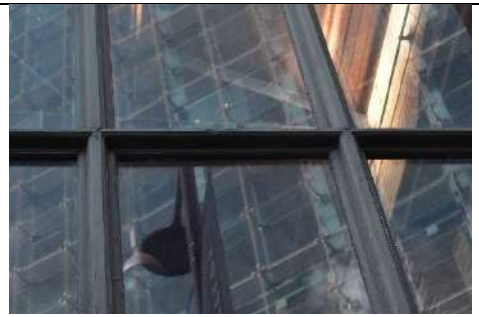
			
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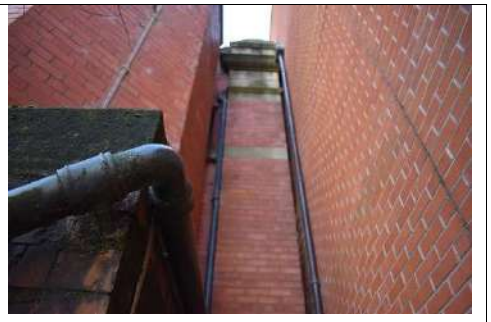
			
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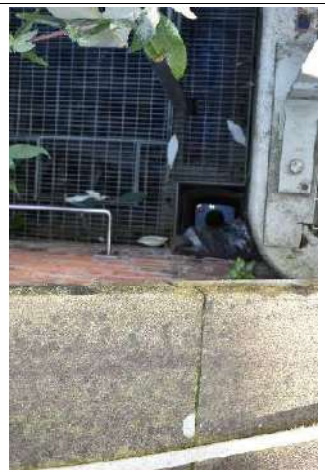
			
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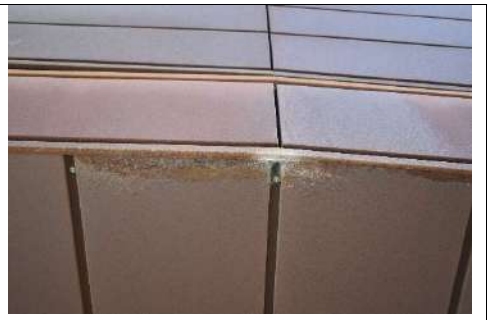
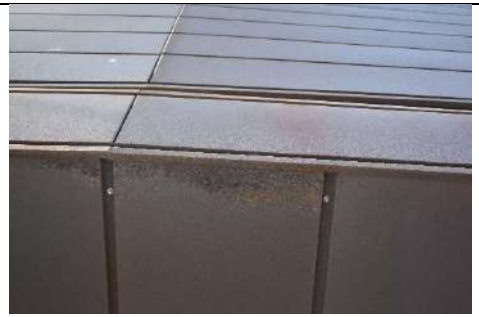
			
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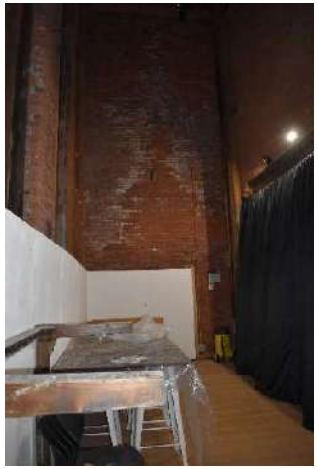
			
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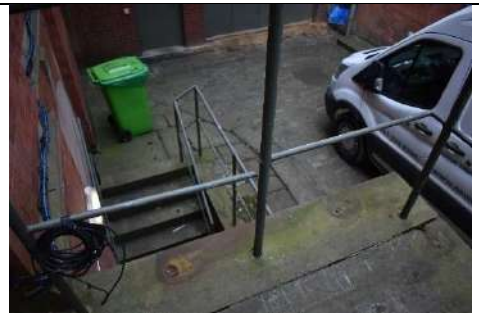
			
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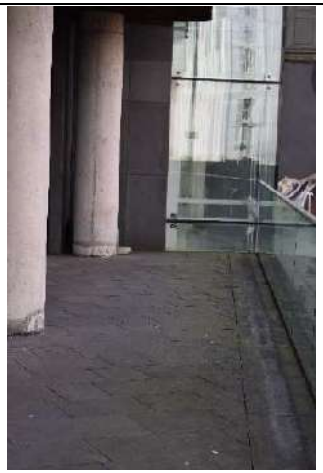
			
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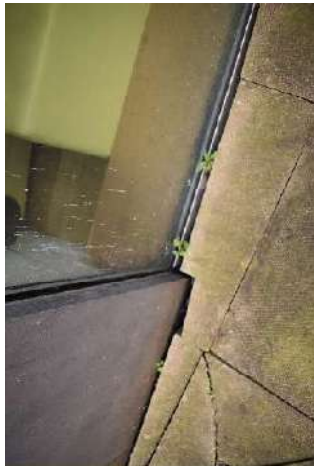
			
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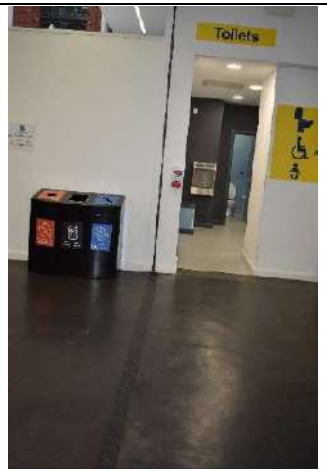
			
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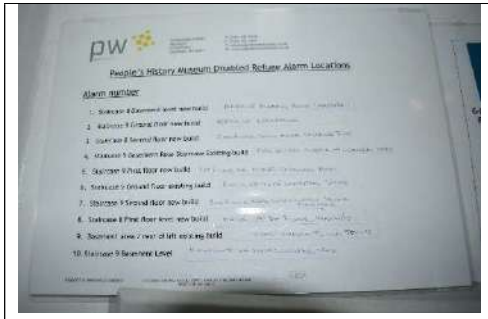
			
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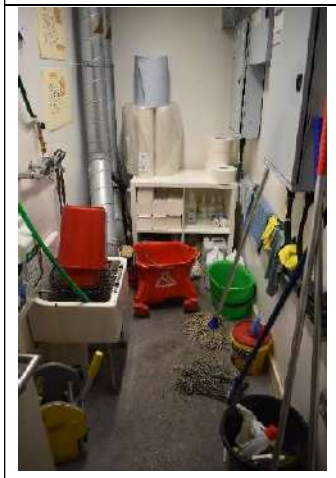
			
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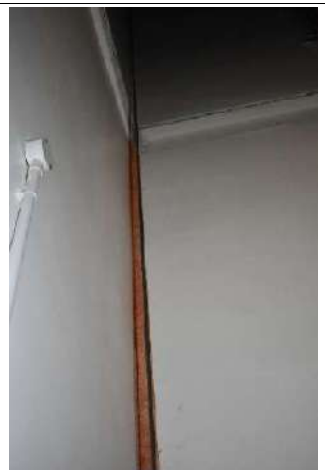
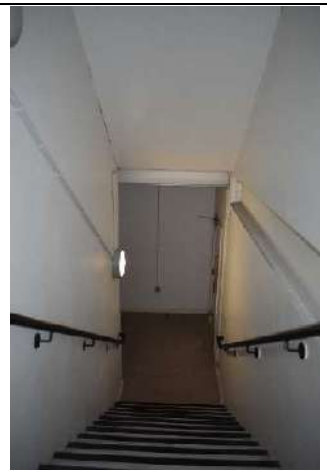
			
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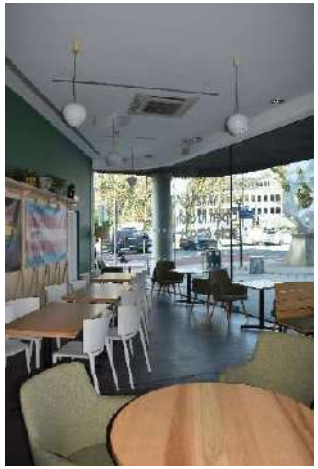
			
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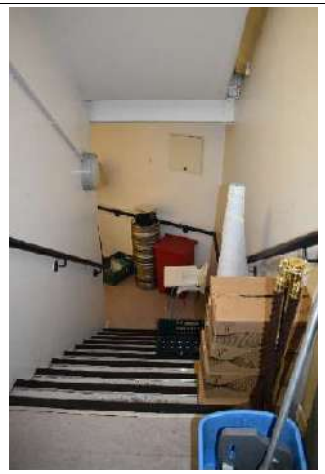
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		 Please don't put Ars Bar Entry or we have a navigating cable through the door! Thanks Brian & Michelle	
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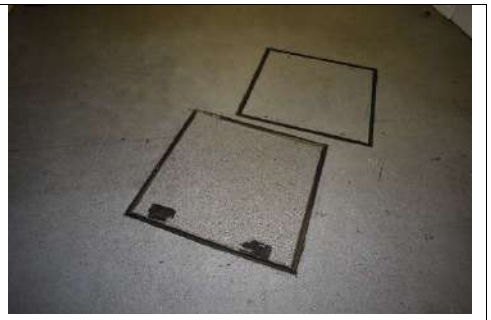
			
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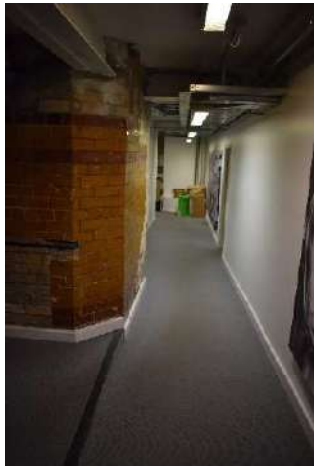
			
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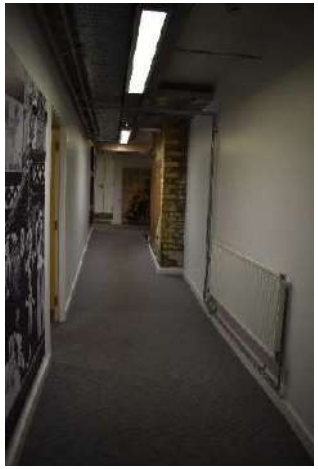
			
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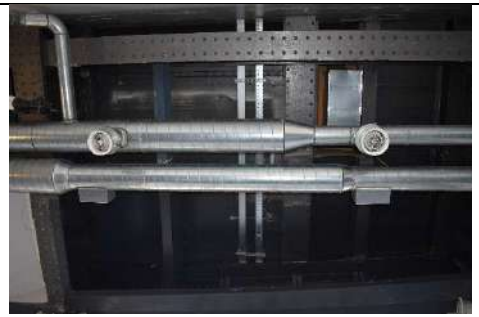
			
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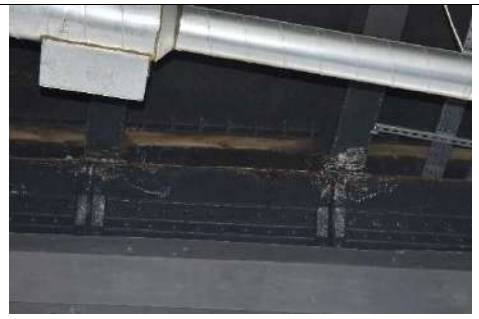
			
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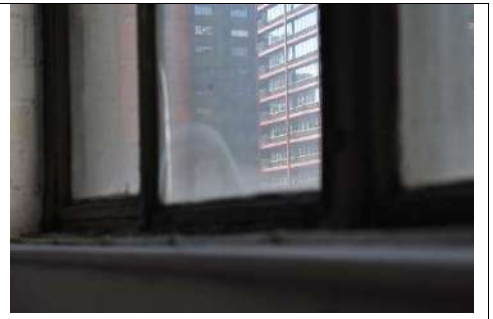
			
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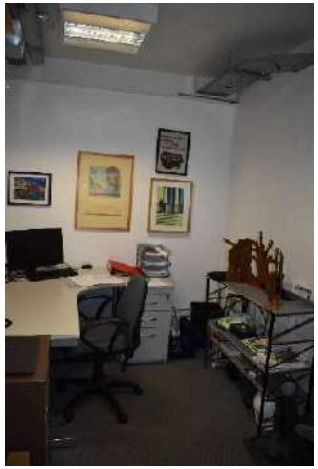
			
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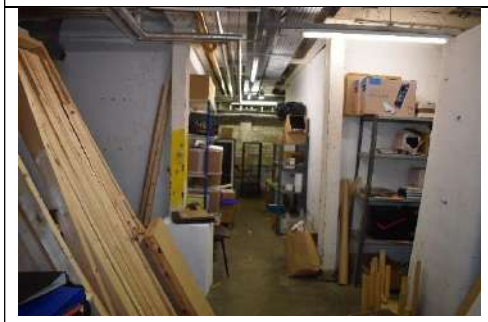
			
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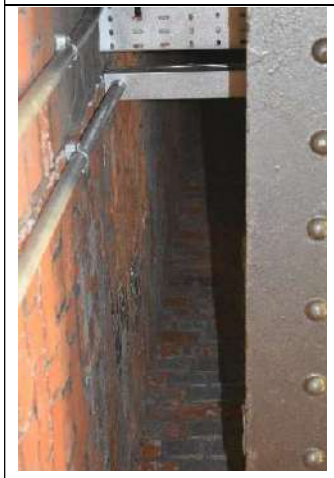
			
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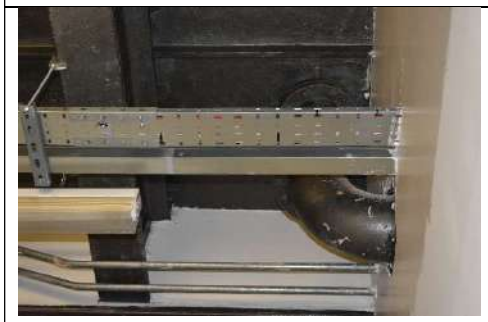
			
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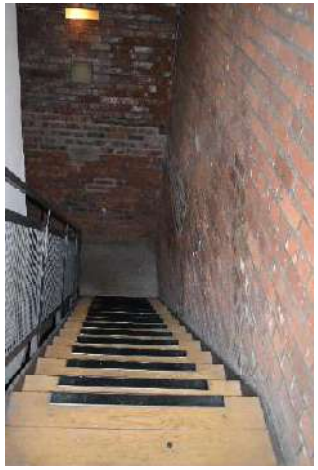
			
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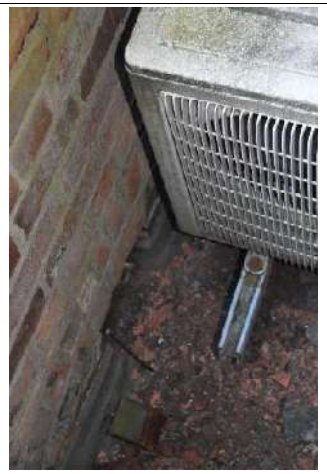
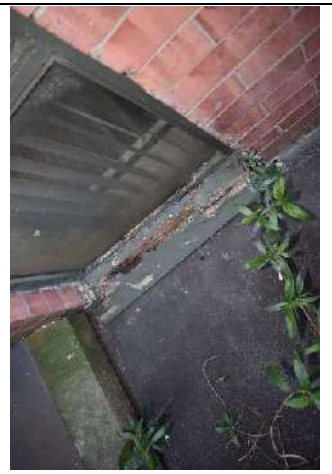
			
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Appendix B – Plans

North

External Fire Escape

Hatched area represents infill to the basement area. This will regularise levels throughout the basement area.

Existing ramp and levels resued. Final floor finish material TBC.

Current temporary store to be utilised. Door opening to be enlarged to accomodate diabled access.

Existing single door to be widened. A leaf and a half will be introduced to this area. This will allow the basement store to be used more efficiently.

Damp proof measures to be introduced throughout the basement area. This will mainly occur the the external brickwork retaining walls. W006

New fire door and block work wall to be introduced. This will isolate the proposed chemical store from the rest of the basement area.

This hatched area represents floor level reduction by approximately 200mm. This will help standardise the basement level arrangement.

New double banked louvre system inserted into the existing fabric. This will vent the tank room at basement level. Other flues currently located on this elevation will also be redirected to this area.

Levels within the tank room and bore hole area will be left untouched.

New floor drains to be incorporated into the courtyard area.

This hatched area represents floor level adjustment. The exisitng cobble sets will be lifted and repositioned. This will help standardise the basement level arrangement and access.

Primary fabric to the substation to be cleaned.

Substation to be extended to accomodate electrical store Existing brickwork to be matched and all joints to be stiched into the primary fabric.

New internal ramp to be incorporated into the internal area of the proposed bin store.

Internal substation area unsurveyed

Stair 5 (above) · Disabled Refuge · Stair 4 · D024 · Boxing · Pot · Main Office R0.16 · Glazed wall · D023 · D025 · D026 · D027 · D028 · D029 · Staff Room R0.26 · Small meeting Room R0.19 · Exhibit · Office R0.13 · Office R0.14 · Office R0.15 · Collections Room R0.21 · Building Managers Office R0.20 · Circulation R0.12 · Ramp · Photocopy Room R0.33 · D013 · D033 · Information Technology R0.11 · Cleaners Room R0.41 · Lift Lobby R0.10 · Lift L2 · Female WC R0.07 · Ladies · D037 · D008 · D007 · Male WC R0.06 · Existing Lobby R0.08 · D010 · Escape Route R0.09 · D036 · D035 · D034 · Basement Stores R0.03 · D006 · D003 · Escape Route Lobby R0.02 · Stair 3 · D005 · Existing Lobby R0.04 · D004 · D038 · Chemical Store R0.05 · Van Dock R0.01 · D001 · Lift Motor Rm R0.42 · D039 · Circulation R0.23 · Workshop R0.25 · W001 · D040 · D041 · Loading Bay R0.27 · Lift L4 · D044 · Drain · D042 · D043 · Electrical Distribution Store R0.41 · D046 · D045 · Bin Store R0.35 · 1300 · D037 · Staff Lockers · Storeroom · W005 · louvre · Tank Room R0.24 · Office · D030 · D031 · W007 · D047 · W007 · W008 · Public Lockers · Lift L1 · D048 · Riser R1 · Stair 7 · Lift Lobby R0.37 · D049 · Reading Room R0.38 · D050 · Dis'd WC R0.36 · D051 · Lobby R0.34 · D052 · D053 · Archive Storage R0.40 · D058 · Lobby R0.39 · D059 · D060 · Disabled Refuge · Stair 8 · D061 · Archive Sorting Room R0.32 · D054 · Quarantine Room R0.31 · D055 · Stair 9 Basement Lobby R0.30 · D056 · Disabled Refuge · Stair 9 · D057 · Lift L3 · Hoist Room R0.28

Grid: 1 · 6 · 2 · 8 · 5 · 7 · 3a · 4b · A · A' · B · C · C1 · C2 · 4a · D · 3 · 4

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Revision	Description	By	Date
V	Issued for contract.	DJH	05.03.08
W	Issued for information latest layout	DJH	09.04.08
X	See bubbled areas for updates.	DJH	12.05.08
Y	Issued for Construction	RB	02.07.08
Z	Stair 7 Finish Floor Level Amended	RB	05.08.08
AA	Lobbies and doors amended for Construction	RB	22.09.08
BB	Updates issued for Construction	RB	07.11.08
CC	Refer to bubbled areas for updates.	DJH	05.12.08
DD	Office layout altered to R0.16 and plasterboard wall added	DJH	09.02.09
-	to North elevation	RB	12.05.09
EE	Refer to bubbled areas for updates	DJH	12.05.09
FF	Final construction issue	DJH	18.11.09

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Project: Peoples History Museum — One Site Project
Description: General Arrangement — Basement Floor Plan
Job No. 906072 · Drawing No. L(--)401 · Revision V W X Y Z AA BB CC DD EE FF

Date Plotted: 20-NOV-2009 15:24
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Staircase treads to be upgraded.
Staircase to be underdrawn with fire protection measures. Please refer to section 4 for further details.

All large north elevation windows to be replaced. Specification to be confirmed. Windows systems to match appropriately with the existing primary fabric.
Hatch represents the new infill areas to the existing mezzanine area. Final finish to be solid oak to match existing. Structural engineer to confirm details and specification.

Refer to external works drawings for material types

New Double glazed aluminum framed window to the proposed ground floor toilet areas. Colour to match proposed cladding.

New full height wall

Historic columns to be painted.

Wood strip flooring throughout the changing exhibition area.

New wall and associated door openings to be introduced.

Windows and primary fabric to be removed allowing routes through into the existing pump house from the new extension. Oversized doors to be used for this entrance area.

New steel work to be introduced which will accommodate a new glazed screen to the education room see structural engineers details.

Existing tiles within the pump hall to be removed. This will expose the existing historic floor and machinery foundation locations.

Proposed floor finish to the education room will be linolium or safety flooring specification to be confirmed.

New steel balustrades to be introduced following the removal of the existing shop wall.

New lightweight wall and associated double leaf doorset to be introduced.

Doors to be stripped and repainted. Existing main entrance door to be upgraded to emergency access standard.

Doors to be striped and repainted. Existing doors to be upgraded to emergency access standard.

New galvanised mesh door to be incorporated. This will replace the current timber door.

New electric van dock gates to be incorporated. Material proposed will match the neighbouring personel door. Heavy gauge galvanised mesh.

Upper section removed from substation building. This was a later addition to the single storey workshop contemporary with pump house.

Dotted Line representing walk way above

Ceiling mounted security shutter

Fine Terrazzo Composite Flooring

Glass Balustrade

Dashed line indicates the extent of the Mezzanine level located between the ground & first floor levels.

Void

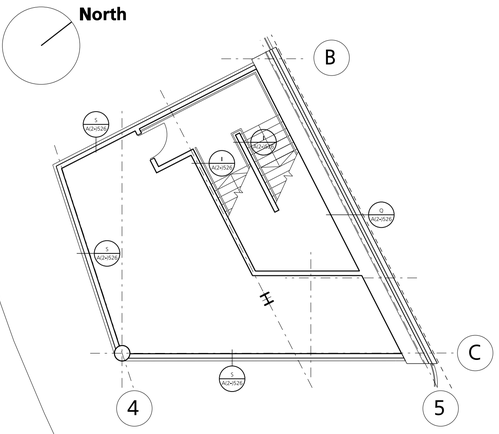
Canopy

Fall

Security Shutter

Signage

Mezzanine Level Plan between Ground & First Floor



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Revision	Description	By	Date
W	General Amendments	EK	23.07.07
X	General Amendments	SB	08.08.07
Y	Window and door references added.	SCB	09.08.07
Z	See bubbled areas for updates.	DJH	20.12.07
AA	Issued for contract	DJH	05.03.08
BB	Issued for information latest layout	DJH	09.04.08
CC	See bubbled areas for updates	DJH	12.05.08

Revision	Description	By	Date
DD	Issued for Construction	RR	07.07.08
EE	Updates issued for Construction	RR	07.11.08
FF	Refer to bubbled areas for updates	DJH	05.12.08
GG	Ground floor male toilet arrangement mirrored.	DJH	12.02.09
HH	Refer to bubbled area for update	RR	12.05.09
JJ	Final construction issue	DJH	18.11.09
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Revision	Description	By	Date
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Project	Peoples History Museum
	One Site Project
Description	General Arrangement
	Ground & Mezzanine Floor Plan
Job No.	906072
Drawing No.	L--1402
Revision	X Y Z AA BB CC DD EE FF GG HH JJ

Date Plotted: 20-NOV-2009 15:27
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North

Store
R2.07
Stair 5
D207
Conference Room
R2.06
Fall
Column
Boxing
Pipe
Ramp
Exhibit
New access ladder
Storeroom
Office
Plant
Lift Lobby
R2.03
D203
Stair 10
Lift L2
Lift Lobby
R2.04
Walkway
R2.08
Boiler room
Upper Part of Engine Hall
Void
Structural glass construction wall
Arts Installation & Break out Space
R2.02
Ladies
Gents
IC
D201
D206
Conference Room
R2.01
Fire Exit
Glazing
Lift L1
Stair 7
D210
Riser R1
Orientation/Introduction
R2.09
D208
D209
Exhibition
R2.11
Riser R2
Window into stair landing
Stair 8
D213
Stair 8 Lobby
R2.12
Disabled Refuge
D212
D214
D216
Stair 9 Lobby
R2.13
D217
Stair 9
D215
Lift L3
Hoist Room
R0.28
Living History Changing Room & Store
R2.14
Riser R3
Window into stair landing
3a
4b
4a
A'
A
B
C
C1
C2
D
H
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5

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U	Issued for contract	DJH	05.03.08
V	Issued for information. Latest layout.	DJH	09.04.08
W	See bubbled areas for updates	DJH	12.05.08
X	Issued for Construction	RB	07.07.08
Y	Doors and Lobbies amended for Construction	RB	22.09.08
Z	Updates issued for Construction	RB	07.11.08
AA	Refer to bubbled area for updates	RB	18.03.09

Revision	Description	By	Date
BB	Slok location amended to bubbled area	RB	12.05.09
CC	Final construction issue	DJH	18.11.09

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Project Peoples History Museum
One Site Project
Description General Arrangement
First Floor Layout

Job No. 906072
Drawing No. L(--)404
Revision U V W X Y Z AA BB CC

Date Plotted: 20-NOV-2009 12:56
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1 6 2 8 5 7

4

North

New lightweight partitioning to be introduced to separate the stair and proposed conference room.

Exisitng spiral staircase to be removed.

Existing floor will be removed creating a double height space.

A section of the existing floor will remain at this second floor level. This will be used as a projection room for audio and visual equipment which will be used for conference presentations.

Access hatch and drop down location to be confirmed

Access hatch and drop down location to be confirmed following plant room layouts

New single ply membrane light weight roof to be applied to the glazed link roof

W307 W306 W305 W304 W303 W302 W301 W308 W309 W310 W311 W312 W313

Void

Void

Fall

Plant Well R3.03

New access ladder

FFL 35.32m

D301

Plant room lobby R3.02

FFL 37.60m

D304

D302

FFL 37.71m

Lift Lobby R3.01

Lift L2

FFL 37.59m

Void

Fall

Access Walkway R3.04

Existing Water Tank R3.05

New access ladder

Existing Water Tank R3.06

FFL 37.71m

FFL 33.85m

New access ladder

FFL 36.81m

Gutter

Dotted line represents walkway below

Fall

Fall

Fall

Fall

W316 W315 W314

W204

3a 4b

A' A B C C1 C2 D

W007 W007 W007

Stair 7

W120

Lift L1

FFL 39.50m

Riser R1

D307

Orientation R3.15

FFL 39.50m

D306

D305

Exhibition R3.07

FFL 39.50m

W203

Riser R2

Stair 8

FFL 37.00m

Dis b WC R3.08

FFL 39.50m

Disabled Refuge

D308 D309 D319

Lobby R3.09

Cleaners Rm R3.16

D318

D310 D311

Viewing Window

Low level cupboards

Banner Hanging

D314

Wet Area

Sink, work up & storage Area

Conservation Studio R3.11

CS Office R3.10

W317

4a

D315 D317

FFL 39.50m

Stair 9

D316

Hoist Room R3.14

Lift L3

FFL 41.17m

Banner Store R3.13

D313

Riser R3

Dyeing & Analysis Room R3.12

D312

1 1a 2 3 4 5

3

3

1 6 2 8 5 7

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U	Issued for Contract	DJH	05.03.08
V	Issued for information, Latest layout	DJH	09.04.08
W	See bubbled areas for updates	DJH	12.05.08
X	Issued for Construction	RB	07.07.08
Y	Lobbies and doors amended for Construction	RB	22.09.08
Z	Final construction issue	DJH	18.11.09

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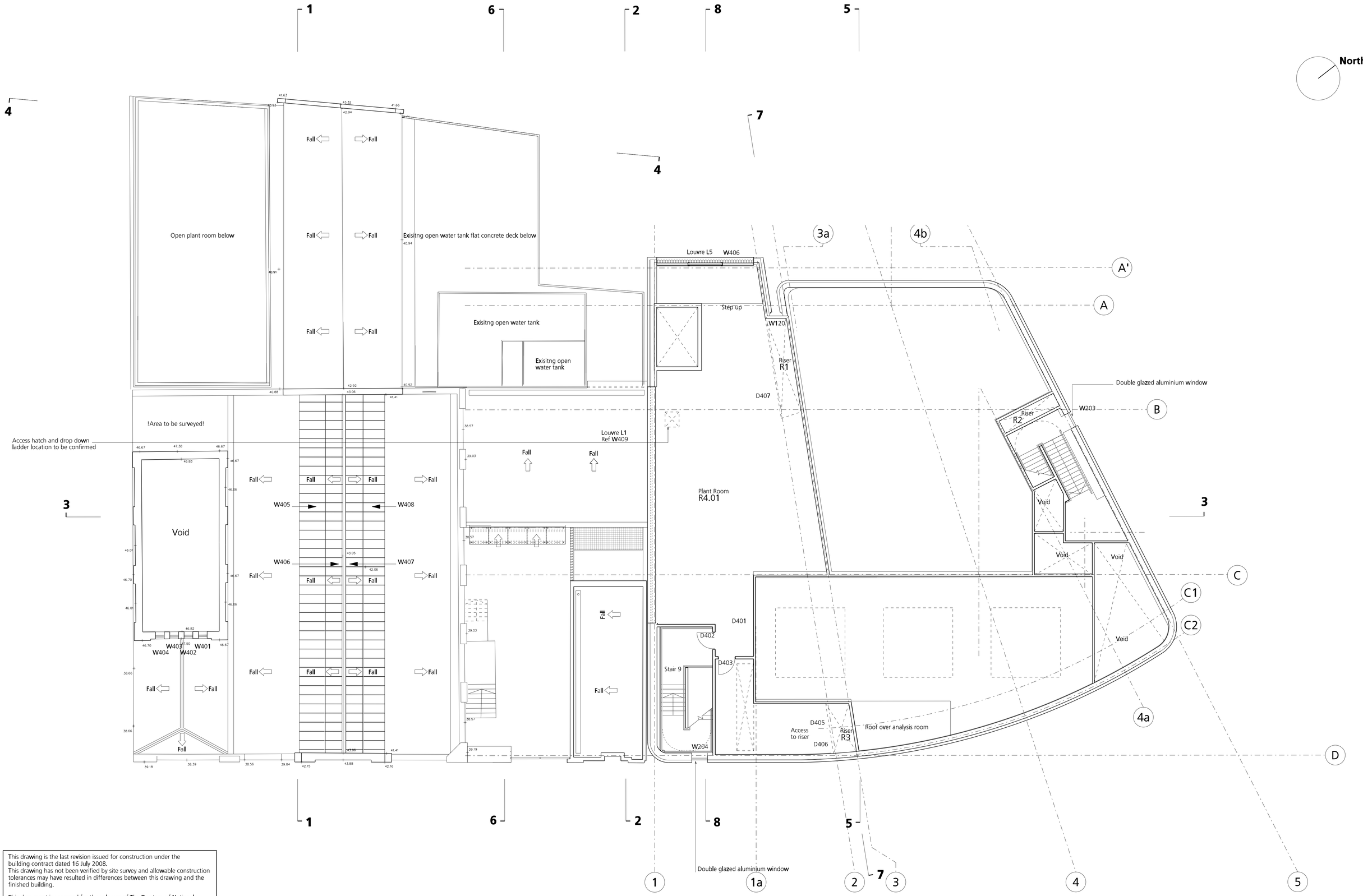
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Project Peoples History Museum
One Site Project
Description General Arrangement
Second Floor Plan

Job No. 906072
Drawing No. L(–)405
Revision U V W X Y Z

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Revision	Description	By	Date
A	First Issue, Issued as part of the Stage D report.	DJH	15.01.07
B	Plans updated following client and consultant review, Gridlines updated.	DJH	23.02.07
C	See bubbled areas		
D	Plans updated throughout, Bview bubbled areas.	DJH	20.03.07
E	Plan updated following clients comments see bubbled areas.	DJH	23.03.07
F	Plan updated following clients comments see bubbled areas	DJH	30.03.07
G	Plan updated following design team meeting	BO'C	10.04.07

Revision	Description	By	Date
H	Issued as part of the business plan	DJH	23.04.07
J	Issued as part of the HLF submission	DJH	26.04.07
K	General issue text updated.	DJH	04.05.07
L	Grid, Wall thicknesses and Staircase 9 updated	RB	06.07.07
M	General Amendments	EK	23.07.07
-	Window and door references added	SCB	09.08.07
-	See bubbled areas for updates.	DJH	20.12.07

Revision	Description	By	Date
N	Issued for contract	DJH	05.03.08
P	Issued for information, Latest layout.	DJH	09.04.08
R	See bubbled areas for updates	DJH	12.05.08
S	Issued for Construction	RB	07.07.08
T	Final construction issue	DJH	18.11.09
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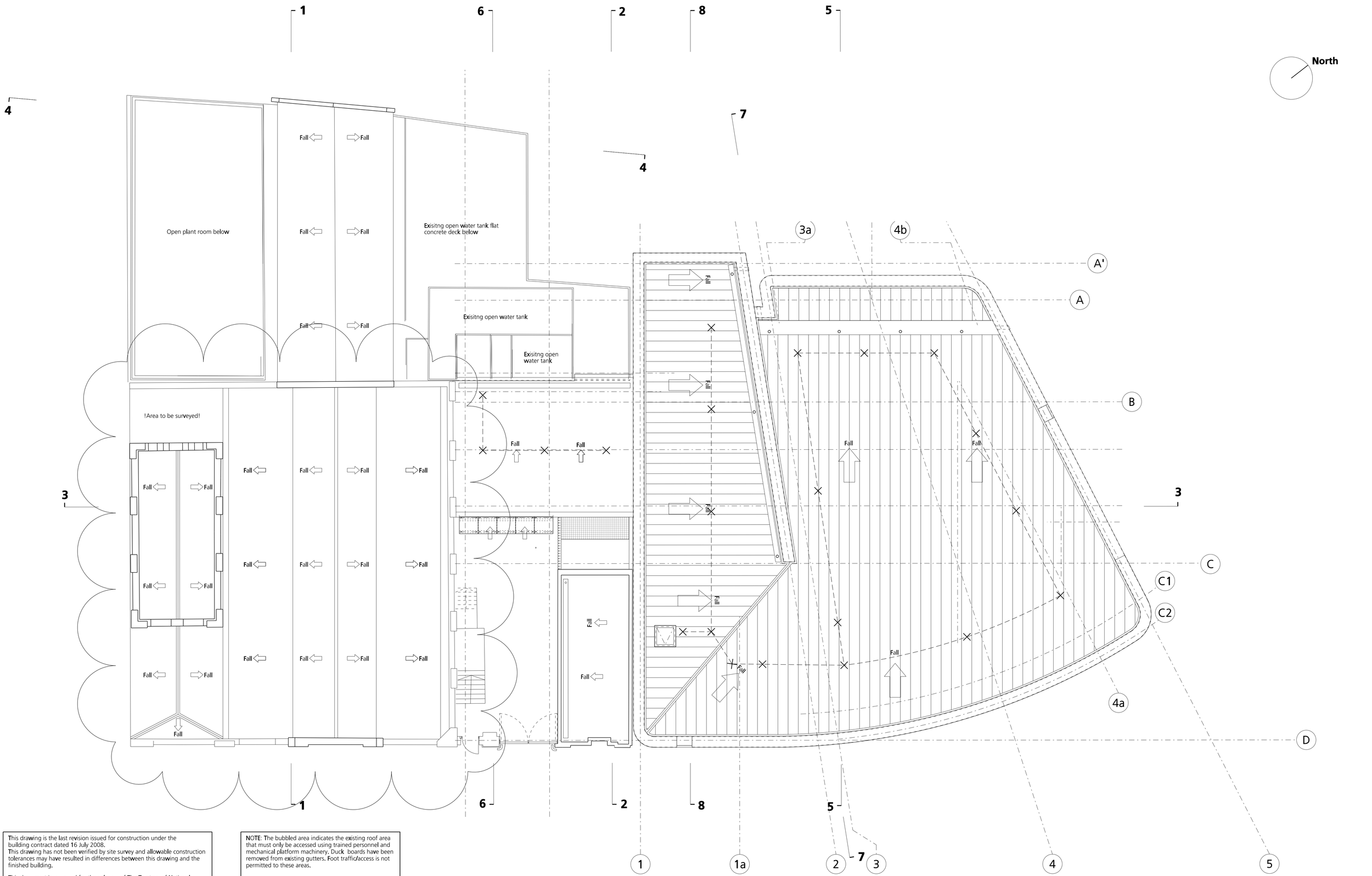
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Project Peoples History Museum
One Site Project
Description Plant Room Level Floor Plan

Job No. 906072
Drawing No. L(--)406
Revision * A B C D E F G H J K L M N P R S T

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Revision	Description	By	Date
*	First Issue.	DJH	11.12.06
A	Issued for draft stage D report	DJH	20.12.06
B	Plans updated following DTM no.7	DJH	09.01.07
C	Issued as part of the Stage D report.	DJH	15.01.07
D	Plans updated following client and consultant review. Gridlines Altered See bubbled areas	DJH	23.02.07
E	Plans updated throughout. Review bubbled areas.	DJH	20.03.07
F	Plans updated rooflight added	DJH	23.03.07
F	Plans re issued	DJH	30.03.07
G	Plan updated following design team meeting	BO'C	10.04.07
H	Issued as part of the business plan.	DJH	23.04.07
J	Issued as part of the HLF submission	DJH	26.04.07
K	General issue text updated.	DJH	04.05.07
L	Grid, Wall thicknesses and Staircase 9 updated	RR	05.07.07
M	General Amendments	EK	23.07.07
N	Issued for contract	DJH	05.03.08
P	Issued for information latest layout	DJH	09.04.08
Q	Issued for Construction	RR	07.07.08
R	Final construction issue	DJH	18.11.09
S	Roof access note added for H+S file.	DJH	18.03.10

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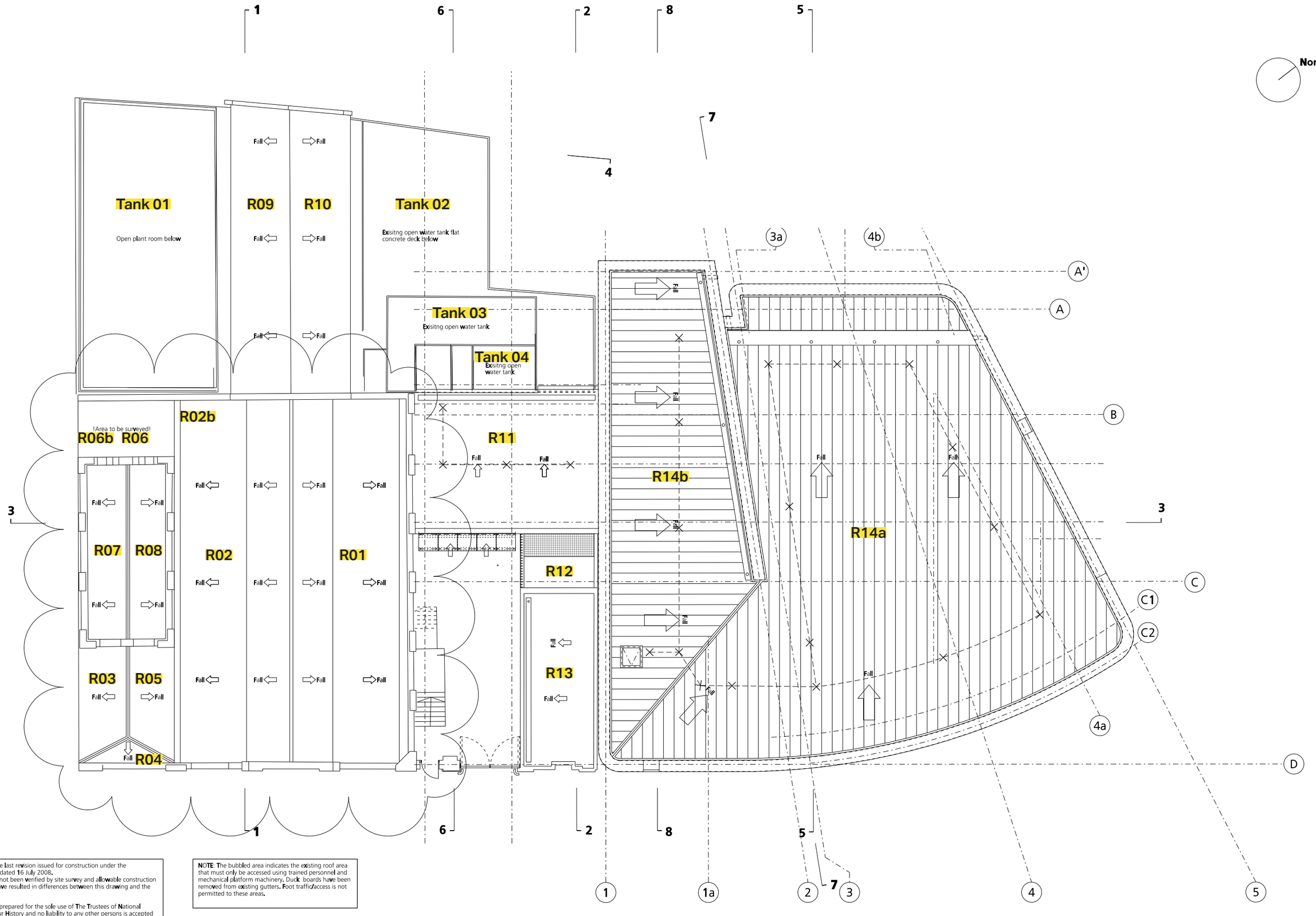
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Project Peoples History Museum
One Site Project
Description Roof Plan Layout

Job No. 906072
Drawing No. L(--)407
Revision * A B C D E F G H J K L M N P Q R S



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Revision	Description	By	Date
-	First Issue.	DJH	11.12.06
A	Issued for draft stage D report	DJH	20.12.06
B	Plans updated following DTM no.7	DJH	09.01.07
F	Plans updated rooflight added	DJH	23.03.07
F	Plans re issued	DJH	30.03.07
G	Plan updated following design team meeting	BO'C	10.04.07
M	General Amendments	EK	23.07.07
N	Issued for contract	DJH	05.03.08
P	Issued for information latest layout	DJH	09.04.08

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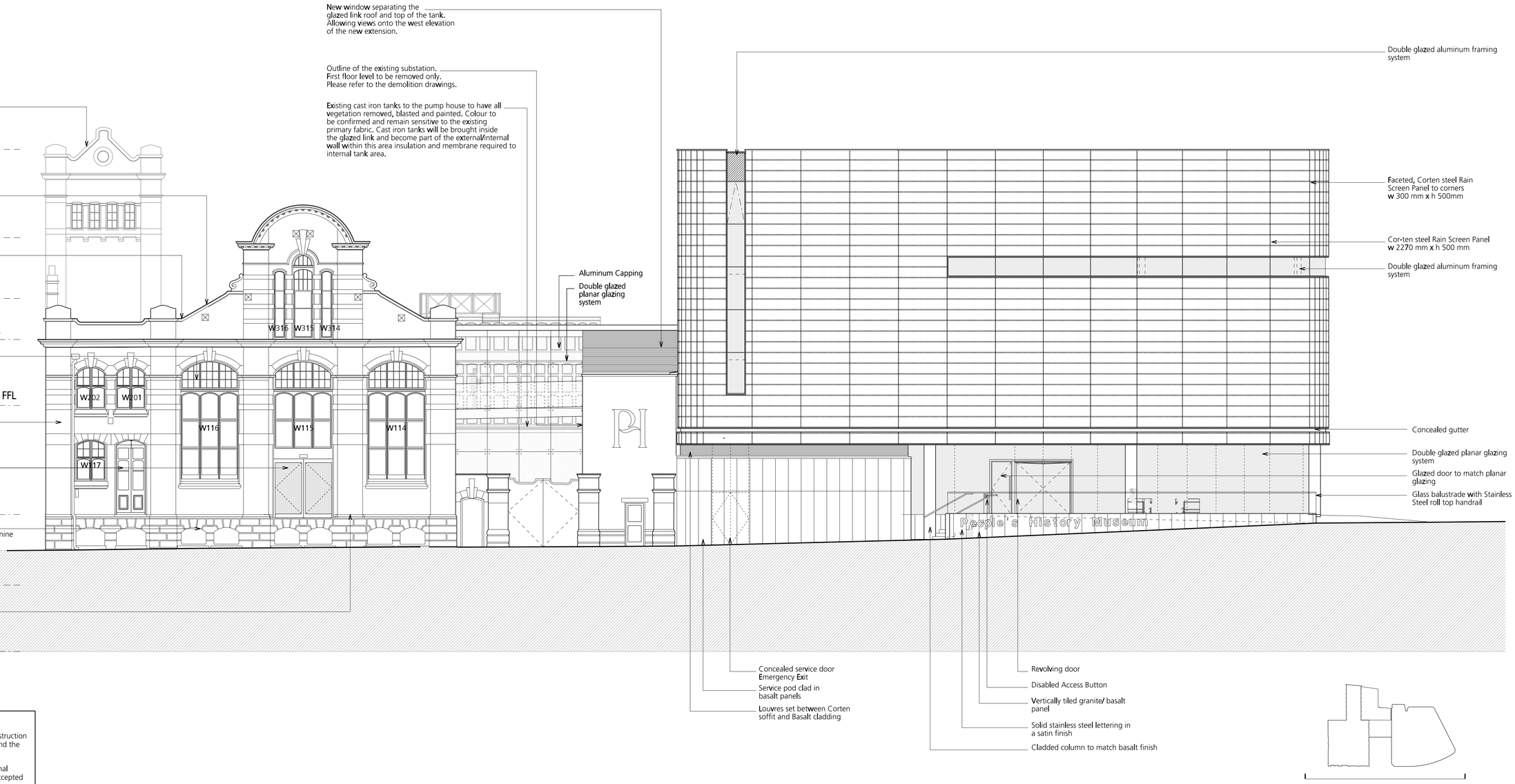
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Project Peoples History Museum
One Site Project

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Revision	Description	By	Date
*	First issued, issued for comment only	BO'C	30.03.07
A	Issued as part of the HLF submission	DJH	26.04.07
B	Notes added and updated	DJH	23.07.07
C	Revised for Contract	EK	29.02.08
D	First issue for Construction	RB	30.05.08
E	Final construction issue	DJH	18.11.09

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Project	Peoples History Museum
	One Site Project
Description	South elevation
Job No.	906072
Drawing No.	L(--)432
Revision	* A B C D E

Appendix C - Cost Estimate by Turner & Townsend

03 June 2025

People's History Museum - Conditions Survey - New Roof Option

Cost Estimate - Rev 03

People's History Museum

making the **difference**

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[redacted]

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Quality check

Rev	Status	Prepared by	Checked by	Date
01	For Issue	J Smallman	Kieran Ashcroft	30/05/2025
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Document Register

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A Graven	PHM	Email	30/05/2025
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Section 1 - Executive Summary

Ref	Description		Total Cost
	Condition Survey - Priority Works		
	Priority 1 Works	£	419,900
	Priority 2 Works	£	285,600
	Priority 3 Works	£	206,600
	Priority 4 Works	£	77,050
	Sub Total:	**£**	**989,150**
	New Roof		
	Pitched Roofs	£	411,450
	Flat Roofs	£	56,950
	Tank Roofs	£	30,625
	Roof R09 & R10 - Platform	£	10,000
	Gutters / Down Pipes	£	108,350
	Parapets; Repointing/Re build	£	70,000
	Buddleia removal	£	30,000
	Lightning Protection	£	20,000
	New Maintenance Access	£	30,000
	Sub Total:	**£**	**767,375**
	Temporary Access		
	Allowance for Access	£	300,000
	Allowance for Temporary Roof canopy	£	110,000
	Sub Total:	**£**	**410,000**
	Sub Total:	**£**	**2,166,525**
	Preliminaries (15%)	£	325,000
	OH&P (8%)	£	199,300
	Inflation (Q2 2025 to Q3 2027)	£	209,900
	Total Estimated Construction Costs (Excluding Contingency)	**£**	**2,901,000**
	Contingency (20%)	£	580,200
	Total Estimated Construction Budget	**£**	**3,481,000**

Section 2 - Basis of Cost Estimate

1.0 Exclusions

1.1 VAT
1.2 Professional fees
1.3 Local authority fees/charges (planning and building regulations fees)
1.4 Surveys / investigations; other than information submitted
1.5 No works relating to the ground have been identified within the conditions survey and as such no allowances have been made for ground works
1.6 Costs associated with BREEAM or any other sustainability accreditation
1.7 Service Diversions/upgrades
1.8 Inflation beyond current pricing levels (2Q2025)
1.9 No allowance made for works to be delivered in phases/out of hours
1.10 An allowance of £110,000 has been included for a temporary roof canopy whilst roof repairs and / or replacement is undertaken.
1.11 Assume perimeter access available to install scaffolding

2.0 Assumptions

2.1 An allowance has been made for any access requirements in lieu of any detailed information
2.2 All allowances within this cost estimate should be considered as provisional pending further investigations as per the recommendations within the conditions survey
2.3 We have allowed 20% contingency, which at this stage is a reasonable allowance, in consideration of the risks associated with access and uninvestigated condition items
2.4 For the roof replacement option we have included for replacing R01 to R05, R07 to R10 (pitched roofs including glazed atrium; assume slate finish) and R06, R11 to R13 (flat roofs). I addition we have made allowance for re-waterproofing patch repairs to Tank roofs 01 to 04 but we note access, due to existing plant on these roofs, needs an in depth review for a permanent refurbishment of roof.
2.5 For new pitched roof finish we assume insulation can be accommodated within the structure. No allowance for raising hight of pitched roof finish; interfacing with external walls/parapets
2.6 Inflation has been calculated up to Q3 2027 (mid point of construction). Await programme direction
2.7 At this stage Preliminaries are based on 15%. Await programme direction

3.0 Information Used

	Author	Reference	Description	Revision	Date
3.1	Donald Insall Associates	-	Peoples History Museum Conditions Survey	1	14 May 2025

Section 3 - Conditions Survey

Location	Building Element	Description of Element	Recommendation	Priority	Photo Ref	1	2	3	4	Comments
Exhibition North Return Wall	Walls	Mural has been painted by well known artist and has important links to museum therefore is significant - paint is damaged in areas and some graffiti is present.	Consideration should be given for specialist conservator to remove graffiti and restore paint. Consideration should also be given to providing protection at low level, e.g. a Perspex screen)	2 / C	0556-58		£ 1,000.00			
		Cracking to render at high level which runs down the left hand side. This will eventually lead to delamination of the render and loss of the artwork.	Fill crack and restore paintwork to prevent water ingress into render.	2 / C	0561-62		£ 1,000.00			
		Moss growth to concrete capping.	Remove moss and repoint any joints.	2			£ 150.00			
		Side of water tank appears to be in adequate condition with some small patches of rust visible.	Would be beneficial to rub down and repaint to prevent rusting getting worse.	3				£ 300.00		
		Brickwork at low level is rough with patches of concrete embedded in and is crumbling in areas.	Due to poor state of brickwork, clean, pack and consider adding render to this area to protect the wall.	2	0563-65		£ 1,000.00			
		Stop bead to render is rusting and partially failed to bottom.	Replace with alternative in conjunction with restoration works to render if viable without causing damage to existing render.	3	0568			£ 1,000.00		
		Noted that lightning conductor runs down corner.	Test lightning protection and carry out remedial works as required.	1		£ 500.00				Provisional allowance
		Gap between render and wall, water ingress potential here. Salts coming out of wall suggests that there is water behind wall / wall is damp.	Brush off salts. Repair cracks to render.	2	0568		£ 500.00			
West Elevation	Walls	Side of water tank appears to be in adequate condition with some small patches of rust visible.	Rub down and redecorate to prevent rusting getting worse.	3				£ 500.00		
		Copings to brickwork have lost mortar in joints. Heavy moss and plant growth where failed.	Remove moss and vegetation. Rake out and repoint.	2	0583		£ 400.00			
		Signs of rust and algae to historic hoist beams and tie rods.	Would benefit rub down and redecorate to prevent further corrosion.	3				£ 350.00		
		Unable to fully inspect string courses above / below windows from vantage point available. Where visible string courses full of moss to joints. String courses also have signs of delamination to masonry.	Prudent to allow for high level access to check stability and remove loose as it is noted any falling masonry in this area has potential to injure persons on public footpath below. Ideally dress back / repair units as required and repoint joints.	1	0583	£ 1,000.00				Overall allowance for access included elsewhere.
		Crack in brickwork under south side of the window, brickwork appears to be pushing out slightly.	Reason unclear - would be prudent to allow high level access to investigate further and consult engineer as required.	1 / C	0582	£ 1,500.00				Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		Large buddleia growing out of pier, stone lifting and corner stone displaced. Plant growth significant.	Remove and treat with herbicide, repoint open joints in lime mortar. Check for stability and pin back as required.	1 / C	0583	£ 500.00				
		Substantial amount of salt to brickwork underneath water tanks which suggests water is penetrating from the tanks into the structure below.	Resolve water build-up in tanks and dress back brick / masonry where surface damaged. Ensure tanks fully watertight to perimeter and draining correctly.	1	0583	£ 3,000.00				
		Lintels damaged to majority of windows however appears to have been potential repair or replacement to middle window.	Allow for high level access for closer inspection, remove any loose. Ideally dress back / repair as required.	1	0582	£ 2,000.00				Provisional Allowance for repairs only, excludes replacement of lintels and windows
		Low level brickwork missing mortar, some plant growth and holes, some graffiti.	Remove plants and treat with herbicide, repoint and remove graffiti.	2	0589-90 0592		£ 500.00			
		Boxed-in section (function unclear) and perimeter of associated render have plants growing from them.	Remove all vegetation and repair cracks with suitable mortar. Consider removal of boxing in if redundant..	2	0587-88		£ 1,000.00			Allowance for removal of plants and crack repairs.
		Inadequate repointing to middle bay where stone has been repaired/ replaced.	Rake out and repoint with suitable mortar.	3				£ 1,500.00		Extent of works unknown
		Wall below walkway on the river appears to be supporting the building and is green with algae, difficult to inspect. Plants growing in isolated areas and open joints are visible.	This wall abuts the river, and appears to be providing integral support to the building. It should be regularly inspected by a Structural Engineer and any necessary remedial works carried out as required when the river is low (although it is noted access is very difficult)	2 / M / C			£ 5,000.00			Provisional allowance, extent of remediation works unknown pending further investigations. No information available
		Appears to have been movement around joints to 1no. metal 'column' at base of the wall and fixings are corroding.	Ensure fixings to industrial columns secure. Repair as required. Rub down and redecorate all metal columns.	2 / C	0591 0598-99 0603 - 04		£ 2,500.00			Provisional allowance Extent of required repair works unknown.
		Delaminating stone to plinth course and has open joints.	Brush back any loose. Re-point joints in suitable mortar.	2	0595-96		£ 1,000.00			Extent of works unclear
		Gap between floor and plinth is full of debris.	Rake out and provide mortar fillet to junction to give protection.	3	0597			£ 300.00		Allowance for filling 1 nr fillet junction as shown within survey.
		Iron fixings to wall.	Remove ferrous fixings - refer to general notes.	3	0599-600			£ 500.00		Priced as per survey.
		Lightning protection corroded.	Test lightning protection and carry out remedial works as required.	1	0605	£ 500.00				Provisional allowance, extent of remedial works unknown
	Windows	Modern high level protruding window full of moss and algae on north side.	Prudent to clean.	4					£ 500.00	Provisional allowance, extent unknown, no photo .
		Roof of window not visible.	Would be beneficial to inspect when high level access available.	3				£ 3,000.00		Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		Lead appears not to have adequate falls, water is backing up onto flashing.	Improve detail and renew lead to Lead Sheet Training Academy guidance.	2			£ 10,000.00			Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		Modern window is aesthetically out of place, unclear why arrangement inserted from a maintenance and aesthetic perspective.	Would benefit window inserted to line of original building more in keeping with significance of the building and easier to maintain.	4					£ 1,500.00	Assumed remove existing out of place modern window, supply & install new window in line with original building

		3no. steels where mullions appear to support lintels to each mid-level window - difficult to assess from vantage point available. Appears to be water staining to the top and is probably corroded.	Integrity to be checked by Structural Engineer, particularly to north side window.	1 / C		£ 5,000.00				Provisional allowance for remedial works, extent unknown.
		Glass appears unsupported at lower level as frame appears to have completely corroded.	Bottom of all windows need full inspection, especially to north side. Fully overhaul windows and redecorate.	1		£ 10,000.00				Provisional allowance for overhaul / redecoration of all windows, extent unknown.
		Cracks to panes.	Replace broken panes alongside overhaul of windows.	1		£ 5,000.00				Provisional allowance, assumes all panes need to be replaced. No photo.
	Rainwater Goods	What appears to be an historic pump pipe and overflow pipe are rusting / paint failing.	Rub down and redecorate to prevent further corrosion.	3	0585-86			£ 500.00		
	Furniture	Benches secured at back into building, fixings are corroding which will damage brickwork.	If under ownership of PHM, rub down and repaint fixings.	3	0601			£ 1,000.00		Provisional allowance, Nr of fixings unclear.
		Benches appear tired.	Would be beneficial to rub down and repaint seats.	4	0602				£ 1,500.00	Provisional allowance, Nr of benches unclear.
West Elevation (Adjacent North Return Wall)	Walls	Walls to water tank appear pitted.	Rub down and redecorate to prevent rusting getting worse. Ensure tank is structurally integral.	2 / C	0571		£ 3,000.00			Provisional allowance, extent of repair works if required unknown pending further investigations.
		Concrete coping stone to walls have open joints.	Repoint open joints in suitable mortar.	2	0573		£ 500.00			
		Render flaking at high level which suggests water ingress / damp from tank above.	Brush off flaking render and renew. Ensure tanks fully watertight to perimeter and draining correctly.	2	0572		£ 3,000.00			Provisional allowance, extent of remedial works if required unknown.
		2no. steels below water tank have been cut off and are corroding and expanding which is causing cracks to render.	Structural engineer to review integrity and function. Rib down and repaint to prevent further corrosion.	2 / C	0573		£ 3,000.00			Provisional allowance, extent of remedial works if required unknown.
		Cement render- graffiti.	Remove graffiti, clean and redecorate.	4	0574				£ 500.00	
		Brickwork at low level is rough with patches of concrete embedded in and is crumbling in areas. Roots of plants visible.	Due to poor state of brickwork, clean out, treat with herbicide, pack and consider adding render to this area to protect the wall.	2	0576		£ 1,500.00			
		Cladding is not touching ground, assumed to not be performing as weather cladding and may be letting water into the building.	Adapt detail as required to prevent water ingress.	2	0577		£ 1,500.00			Extent of adaptation unclear
	MEP	Noted that vent comes through this elevation. MEP was not inspected as part of this survey.			0575		£ 2,000.00			Provisional allowance for any remedial works required.
South Elevation	Walls	Water tank walls pitted, some rust and debris at top.	Clear debris. Rub down and redecorate to prevent rusting getting worse. Ensure tank is structurally integral.	2 / C	0612		£ 1,000.00			
		Lead flashing below tank appears adequate, top is not visible to check if sealed properly.	Allow for access to inspect.	2			£ 5,000.00			Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		Crack running down top east side corner to brickwork and appears to be slumping forwards.	Structural Engineer to assess.	1 / C	0612	£ 1,000.00				Provisional allowance for any remedial works required pending review by structural engineer.
		Agricultural pointing.	Would benefit rake out and repoint in lime mortar.	4					£ 500.00	
		Hole in wall under eastmost vent.	Check not overflow pipe, would be beneficial to fill if not.	3	0612			£ 500.00		Allowance for filling, extent / require volume of fill unknown.
		Open joints.	Repoint in suitable mortar.	2			£ 400.00			
		Ferrous fixings.	Remove fixings and repoint / replace masonry - refer to general notes.	3				£ 1,000.00		Provisional allowance, Nr of fixings unclear.
		Render is mainly intact with minor cracks and poor patch repair. Patch of render is damaged at the top. Reason for low level render is unclear, assumed attempt to resolve previous damp issue.	Repair render.	3				£ 500.00		
		Plants growing out of brickwork at high level.	Remove and repoint open joints in suitable mortar.	2	0611		£ 400.00			
		Lightning protection bent and coming away from wall.	Test lightning protection and carry out remedial works as required.	1	0619	£ 500.00				
	Doors	Signs of rot to base.	Repair and redecorate.	3	0606-07			£ 500.00		Extent of works unclear
	Walls	Parts of lost masonry and damage to string course.	Prudent to get high level access to inspect more thoroughly and remove any loose stone as over pedestrian pavement and there is risk of stone falling and causing damage or injury. Ideally dress back and repair as required.	1		£ 2,000.00				Provisional allowance for any remedial works required pending further investigations.
		Brick generally in adequate condition. Mortar generally intact however is missing in areas.	Repoint open joints in suitable mortar mix.	2	0045		£ 400.00			
		Ferrous iron fixings in mortar. Iron fixings to pillars.	Remove ferrous fixings and point with suitable mortar / replace masonry as required - refer to general notes.	2	0046 0048		£ 1,000.00			Provisional allowance, Nr of fixings unclear.
		Wall plugs in wall.	Would benefit removal and filling with suitable mortar.	3	0047			Incl		Works captured below
		Hole in masonry.	Would be beneficial to fill with suitable mortar / replace affected brick units..	2	0047		£ 1,000.00			
		Staining to brickwork at springing point of arch.	Provide high level access to inspect further. Brush off salts / loose stone as required.	2	0076		£ 500.00			Provisional allowance for any remedial works required pending further investigations.
		Crack to stone at top of pilaster into gable on south side.	Prudent to get high level access to check stability and remove any loose stone, as at high level and faces pedestrian area therefore could cause damage or injury if material falls from height.	1 / C	0056	£ 1,000.00				Provisional allowance for any remedial works required pending further investigations.
		Water staining to coping and dentils below. Crack to top of cornice.			0055	£ 1,000.00				Provisional allowance for any remedial works required pending further investigations.
		Stonework to piers losing face.	Dress back stone as required.	2	0076-77 0079-80		£ 400.00			
		Plates at parapet level assume to be integral to tie bars within. Minor signs of rusting.	Structural engineer to review regularly and maintenance works carried out as required. Rub down and repaint regularly to prevent erosion.	1 / C / M	0081	£ 1,000.00				Provisional allowance for any remedial works required pending review by structural engineer.
		Erosion to stone above cornice.	Indent repair or replace any substantially damaged masonry.	2	0055		£ 400.00			
		Salt staining to main pediment brickwork and appears to have 2no. fixings into brick.	Brush off salts, ascertain reason for fixings (likely linked to renewal of atrium roof).	3	0056			£ 1,000.00		Required works unclear

Engine Hall East Elevation		Water staining under coping stones and moss growth, possibly due to loss of mortar between joints.	Brush off salts, remove moss and repoint open joints in suitable mortar.	2			£ 1,000.00			
		Damage to plinth stone, stone to threshold has been cut back and now offers no weather protection to wall below. There is also damage to masonry either side.	Ideally the stone should be replaced however it is acknowledged this may be difficult / costly to obtain such a long length of stone. If stone replacement is not possible, repair work should be carried out.	3	0057-59			£ 400.00		
		Noted there is a drainage hole to base of stone plinth.	Ascertain function and if still in use	3	0060			£ 500.00		Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		Damp and staining beneath string course.	Brush off salts.	2			£ 500.00			
		Stonework above hopper appears to have moved as joint appears wider towards the front of the string course.	Allow for high level access to investigate further and for Structural Engineer to advise on remedial action if required.	1 / C	0085	£ 3,000.00				Provisional allowance due to variable scope subject to outcome of further investigations once access is available
	Windows	North 2no. windows have salt staining to underside of arches which could be related to gutter defects and blockage.	Brush off salts and repair as required.	2	0080		£ 600.00			
		Rot to timber sills and bottom rails. There are some signs of rot to mid-rail.	Would benefit from full rub down and repaint, replace rotten elements.	2	0061 0067		£ 3,000.00			
		Sealant to windows is cracking and missing in some cases.	Reseal in 'breathable' putty, such as linseed oil based.	2	 0067		£ 500.00			
		Paint peeling to top windows on south side revealing rotten timber window arches. Bottom rail to middle window at high level paint is peeling.	Would benefit from full rub down and repaint, replace rotten elements.	2	0050 0069		£ 3,000.00			
	Doors	Inappropriate letterbox, handles and lock style not in keeping with the significance of the building.	Replace with more aesthetically appropriate alternative.	4					£ 500.00	
		Door showing signs of deterioration at base and appears to be missing bottom rail.	Rub down and redecorate, replace bottom rail.	2	0071-72		£ 1,000.00			
		Hard, 'unbreathable' sealant.	Reseal in 'breathable' putty, such as linseed oil based.	3	0064-66			£ 300.00		
		Steel beam is rusting.	Rub down and redecorate.	3	0053 0073			£ 500.00		
	Rainwater Goods	Downpipe is plastic and not in keeping with the significance of the building.	Rub down and redecorate down pipe. Replace with cast-iron when funds permit.	3				£ 1,000.00		
		Brackets are rusting / failing.	Prudent to replace brackets and repoint to prevent rusting metalwork from blowing masonry.	3	0082-84			£ 900.00		
		Assume hopper will need clearing out as outlet is heavily blocked at roof level.	Clear out gutters regularly to prevent further water ingress damage to the wall - refer to general notes.	1 / M	0076	£ 300.00				
Service Yard Gates East Elevation	Walls	Gate reveals have ferrous fixings.	Remove ferrous fixings - they will expand and damage the masonry (as below).	3	0028			£ 500.00		
		Ferrous fixing has blown stonework.	Remove ferrous fixing and indent repair.	3	0034			£ 1,000.00		
		Bricks have some damage.	Indent repair or replace any substantially damaged.	2	0029		£ 400.00			
		Open joints.	Repoint open joints in suitable mortar mix.	2	0039		£ 400.00			
		Coping stone has lost corner and is providing less protection.	Provide indent repair.	3	0036			£ 400.00		
		Salt staining and stone eroding to arch.	Brush off salts and dress back stone.	3	0040-41			£ 300.00		
	Doors	Vehicle gates are in adequate condition except for some moss growth. Hinges rusting.	Would benefit overhaul and repaint.	3	0030-33			£ 2,000.00		
		Pedestrian gate does not shut.	Overhaul to allow for gate to shut for improved security.	2			£ 1,000.00			
Substation East Elevation	Walls	Stepped crack and 1no. coping stone is displaced with open joints to either side.	To be checked for stability, especially as this is at high level and could cause damage or injury to pedestrians below. Structural Engineer to advise on remediation as required.	1 / C	0026	£ 1,500.00				Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		String course lost corner although not of immediate concern.	Indent repair.	3	0027			£ 500.00		
		Brickwork losing mortar and plant growth to top half of the wall.	Remove plants and repoint open joints in suitable mortar mix.	2	0025-26		£ 400.00			
		Damage to some bricks. Replacement brick which was historically replaced in inappropriate fashion.	Indent repair or replace bricks which are substantially damaged. Resolve historic replacement.	2	0015		£ 400.00			
		Numerous wall plugs and fixing across elevation.	Would benefit from removal / filling with suitable mortar.	3	0024			£ 1,000.00		
		Plinth stones losing face.	Dress back.	2	0023		£ 500.00			
		Ferrous fixings to wall.	Remove ferrous fixings - refer to general notes.	3	0015			£ 1,000.00		Provisional allowance, Nr of fixings unclear.
	Doors	Graffiti to door.	Remove.	4	0016				£ 500.00	
		There is a hairline crack to the east face of the lintel and some damage to underside of lintel, cement infill behind lintel is breaking up in places.	Monitor cracking / damage to ensure does not worsen. Replace failing infill.	2	0017		£ 1,000.00			Provisional allowance due to variable scope subject to outcome of further investigations once access is available
South Return Wall	Walls	Cement render over bricks, area of damage shows masonry behind. Cracking in cement causing water ingress as it is impermeable meaning water cannot evaporate from the walls. This is probably contributing to damp issues to the interior.	It would be beneficial to remove cement and renew in lime mortar, in the meantime repoint cracks.	2	0504-05		£ 1,500.00			Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		Lead flashing over low level wall appears to be adequate. 1no. loose brick to top of wall.	Replace loose brick.	3	0509			£ 200.00		
		Holes in masonry at high level, blown brickwork due to ferrous fixings. Vegetation at high level, particularly at chimney.	Remove ferrous fixings, repoint in suitable mortar, remove plants and repoint.	2	0504		£ 1,000.00			Provisional allowance, Nr of fixings unclear.
		Capping of chimney not visible. Salt staining visible to chimney.	Brush off salts, allow for access to inspect chimney capping.	2	0504		£ 2,000.00			Provisional allowance for any remedial works required pending further investigations
		1no. brick at different angle to the rest.	Check for stability.	2	0504		£ 250.00			Provisional allowance for any remedial works required pending further investigations
		Open joints to coping stones.	Repoint in suitable mortar.	2	0504		£ 400.00			

		Noted there 2no. vent outlets at high level.								
		Inadequate pointing to low level brick, which might be contributing to poor condition of brickwork.	Rake out and repoint in suitable mortar mix.	3	0509			£ 500.00		
		Noted that lightning conductor runs down this elevation.	Test lightning protection and carry out remedial works as required.	2	0506		£ 500.00			Provisional allowance, full extent of remedial works unknown.
Service Yard North Elevation	Walls	Losing mortar at low level.	Repoint open joints in suitable mortar.	2			£ 400.00			
		Holes in brickwork, remove fixings.	Remove ferrous fixings- refer to general notes- and either replace brick or repoint.	3	0481			£ 500.00		
		Potential iron cramp in masonry.	Remove ferrous fixings- refer to general notes.	3	0498			£ 500.00		
		Mortar washed out at top of piers.	Repoint in suitable mortar.	2	0478		£ 400.00			
		Open joints to string course, not providing protection and washing mortar below.	Repoint in suitable mortar.	2	0478		£ 400.00			
		Spalling and degradation to stonework, water damage and cracks to string course, stone missing.	Prudent to allow for high level access to inspect more thoroughly / remove loose as there is a risk of stone falling from high level and causing injury or damage below. Ideally dress back and repair as required.	1		£ 1,000.00				Provisional allowance for any remedial works required pending further investigations
		Masonry above string course unable to inspect from available vantage point.	Allow for high level access to inspect.	1		£ 1,000.00				Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		Noted that lightning conductor tape comes down this elevation and electric wiring goes into ground.	Test lightning protection and carry out remedial works as required.	1	0488	£ 500.00				
		Some vegetation at perimeter at junction to floor.	Remove and reseal with suitable mortar fillet.	2	0489		£ 400.00			
	Windows	Some rot to sill and frame.	Rub down and redecorate, replace rotten elements.	2	0490-91		£ 2,000.00			
	Doors	Door is tired.	Rub down and redecorate.	3	0492			£ 350.00		
	Rainwater Goods	Hopper not visible, with metal corroding fixings.	Rub down and redecorate or replace where fully corroded. Inspect hopper and clean out as required.	2	0486		£ 400.00			
		Green around joints evidence likely leaking.	Reseal as required.	2	0486-88		£ 200.00			
		Plastic downpipe.	Redecorate, replace with cast iron when funds permit.	4	0487				£ 500.00	
	Stairs	Appears to have been some movement to the stairs.	Prudent to repoint and monitor.	2	0485		£ 200.00			
		Railing to stairs is broken and do not comply with current health and safety guidance. Paint failing.	Prudent to repair as there is a significant drop below landing. Consider replacement with suitable railings that meet moder standards yet are in keeping with building. Redecorate.	1	0496	£ 1,000.00				
		Rusted tie bar.	Rub down and redecorate.	2			£ 250.00			
		Lost mortar and damaged bricks to corner of stairs.	Repoint in suitable mortar. Replace any substantially damaged bricks.	2	0483 0484		£ 400.00			
		Stepped area to metal door full of debris.	Clear regularly to allow for drainage. Rub down and redecorate door.	1 / M	0501	£ 500.00				
	Floor	Cobbled yard with paving to either side. Manhole cover not inspected. Slot drains are covered.	Clear slot drains regularly to allow for drainage. Consider increasing capacity of slot drains given issues with flooding / severe damp noted to rooms around perimeter of service yard.	1 / M		£ 10,000.00				Provisional allowance for increasing the capacity of the slot drains
		Uneven paving could be a trip hazard.	Re-pave.	2			£ 1,000.00			
Service Yard East Elevation	Walls	Brickwork at low level, curtain glazing and rainscreen cladding. Brickwork in adequate condition with apparent weep holes above the doors in brickwork (assume because modern brick wall with cavity).				£ 1,000.00				
		Apparent issue with flooding and water ingress as there are sandbag barriers at low level.	Clear drains regularly to allow for drainage.	1 / M	0472	£ 1,000.00				
		Water staining suggests joint between canopy and wall is leaking.	Repair joint, rub down and repaint metalwork.	2	0477		£ 400.00			
	Windows	Curtain wall glazing in adequate condition except for some staining.	Would benefit clean.	4	0476				£ 1,000.00	
	Doors	Adequate however subjected to damage and does not shut properly. Rusting where surface damage has occurred.	Repair, rub down and redecorate.	3	0470-71			£ 400.00		
		Steel lintels rusting.	Rub down and redecorate.	3	0473			£ 250.00		
	Rainwater Goods	Sand from flood barriers is covering slot drain which should take water from service yard.	Slot drain capacity probably needs increasing and more permanent flood barriers that can be removed for deliveries to be put in place.	2	0472		£ 10,000.00			Provisional allowance for increasing the capacity of the slot drain
	Glazed Canopy	Glazing is substantially dirty and steels are rusting.	Clean, rub down and redecorate metal.	3	0474-75			£ 400.00		
Service Yard South Elevation	Walls	Substation wall - brickwork in adequate condition.			0437-38					Assumed no works required.
		Mortar is missing in areas. Odd brick is cracked or damaged.	Repoint in suitable mortar and replace substantially damaged brick to match existing.	2	0439-40		£ 1,000.00			
		There is some surface damage to the brickwork to the west end of the elevation at low level, presumably water flows down the yard in this direction.	Replace substantially damaged bricks and improve yard drainage as set out above.	2	0441		£ 1,000.00			
		Masonry above door is eroding.	Dress back.	2	0452		£ 400.00			
		Vegetation is growing between yard floor and wall.	Remove plants and reseal with mortar fillet where failed.	2	0453		£ 400.00			
	Windows	Westmost window showing signs of rot to bottom.	Overhaul, rub down and redecorate.	2	0457-58		£ 5,000.00			Provisional allowance
	Doors	Substation door in adequate condition (not opened).								
		Crack to concrete lintel.	Monitor.	2	0443		£ 500.00			
		Door to store appears tired.	Would benefit rub down and redecoration.	3	0444			£ 500.00		
		Mastic sealant to frame is failing, powdery and showing signs of salt damage.	Reseal and redecorate.	3	0446-48			£ 350.00		
		Cast iron down pipe is rusting.	Overhaul, rub down and redecorate.	2	0455		£ 700.00			

	Rainwater Goods	Gulley is not sufficiently covered, with leaves building up into it. Appears to have been modified with broken cover.	Remove debris and replace cover to improve protection.	1	0456	£ 500.00				
	Ramp	Metal ramp paint is failing and showing signs of rust.	Rub down and redecorate.	3	0450			£ 200.00		
Tower East Elevation	Walls	Numerous bricks are losing face to specific area on corner.	Replace substantially damaged bricks and repoint in suitable mortar.	2	0102-04		£ 1,000.00			
		Face of masonry blown to round window at the top.	Dress back.	2	0102		£ 400.00			
		String courses missing mortar to joints and plant life growing on top.	Remove plants, repoint open joints in suitable mortar mix.	2			£ 400.00			
		Both bedding joints cracked under finial stone.	Check for stability, repoint in suitable mortar mix.	1		£ 500.00				
		Pigeon roosting on string course.	Would be beneficial to provide bird protection.	3	0104			£ 1,000.00		
	Windows	Windows appear to be in adequate condition however bottom section not visible from vantage point available- this area is where defects are likely to occur.	Would be beneficial to provide access for inspection (although appreciate this is difficult) and redecorate.	2			£ 2,000.00			Provisional allowance, extent of works unknown pending further investigation once access is available
	Rainwater Goods	Vegetation growing out of gutters, it is likely that the gutters are leaking but no access for inspection.	Clear gutters on regular basis - refer to general notes.	1		£ 500.00				
Tower South Elevation	Walls	The elevation is obscured by modern building next door. There is a small gap between the two buildings however this is not enough to be able to survey.								
		Of what can be seen, there is salt staining to masonry.	Brush off salts, resolve issues with blocked gutters to prevent water ingress into wall.	1	0504	£ 1,000.00				Provisional allowance, extent of works unknown pending further investigation once access is available
		String course appears to have been altered to allow for new building next door.	Allow for access to inspect.	1		£ 1,000.00				Provisional allowance, extent of works unknown pending further investigation once access is available
Tower West Elevation	Walls	Poor visibility from vantage point available. Bricks / stone appear to be losing face in areas.	Allow for high level access for inspection. Dress back / Indent repair stone as required and allow to replace any severely deteriorated brick.	2	0367		£ 1,000.00			Provisional allowance due to variable scope subject to outcome of further investigations once access is available
	Windows	Poor visibility. 1no. board in window.	Allow for high level access for inspection. Assume to overhaul, rub down windows and redecorate. Replace board with glass if funds permit.	2	0368		£ 5,000.00			Provisional allowance due to variable scope subject to outcome of further investigations once access is available
Tower North Elevation	Walls	Brickwork generally in adequate condition, except for a couple of bricks which have blown faces. Mortar failing in areas and plant life growing. Moss to bottom metre of whole tower.	Replace severely deteriorated bricks, remove plants and repoint in suitable mortar mix.	2	0184		£ 1,000.00			
	Windows	Poor visibility from vantage point available.	Assume to overhaul, rub down and redecorate.	3	0184			£ 5,000.00		Assumed overhaul required.
	Rainwater Goods	Hopper and aluminium downpipe. Joints show evidence of leaking.	Overhaul and ensure clear and watertight.	2	0184		£ 1,000.00			
	Fittings	Aerial affixed to wall.	Would benefit removal if not in use.	3				£ 300.00		
Accumulator Tower Flue	Walls	Target visible to wall so assume previous issues with movement. Not clear if this is still being monitored.	Structural Engineer to review if not currently being monitored.	1 / C	0202	£ 500.00				Provisional allowance, extent of works unknown pending further investigation once access is available
		Failing mortar joints with moss and plant growth.	Remove plants, repoint in suitable mortar mix.	2	0201-02		£ 400.00			
		Handful of bricks have blown.	Would benefit replacement with appropriate brick.	2	0202		£ 1,000.00			
		Lightning protection runs down northwest facing wall.	Test lightning protection and carry out remedial works as required.	1	0202	£ 500.00				
Conference Room North Elevation	Walls	Application of mortar is not adequate as appears to have been smeared on in an agricultural manner. Mortar generally intact, although is cracked and missing in places.	Rake out and repoint in suitable mortar mix.	2			£ 400.00			
		Number of bricks are blown, especially adjacent to eastern pier.	Replace damaged bricks.	2	0282		£ 400.00			
		West face return wall - brick is blown at junction with water tank railings.	Replace damaged bricks.	2	0288		£ 400.00			
		Notable plant growth from joints.	Remove plants and repoint in suitable mortar mix.	2	0281		£ 400.00			
	Windows	Cracked glazing to windows, likely as a result of cast iron windows rusting and expanding.	Overhaul, rub down and redecorate metalwork, replacing any cracked glass.	2	0283		£ 2,000.00			
	Doors	Timber window frames are rotten, and there are signs of rot to door panel.	Repair rotten sections, rub down and repaint.	2	0288		£ 1,000.00			
	Rainwater Goods	Downpipes appear tired and joints appear loose. Downpipes bend over the platform and are prone to blockage as there are numerous bends.	Overhaul, rub down and redecorate ensuring fully watertight. Re-route if possible, otherwise monitor for leaks and clear on a regular basis.	1 / M	0286	£ 8,000.00				Provisional allowance due to variable scope subject to outcome of further investigations once access is available
	Walls	Buddleia growing out of west side.	Remove and treat with herbicide. Check masonry stable where removed. Repoint open joints in suitable mortar mix and replace any damaged brickwork.	1	0235	£ 1,500.00				Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		Application of mortar is not adequate as appears to have been smeared on in an agricultural manner.	Rake out and repoint in suitable mortar mix.	3				£ 400.00		
		Crack between south and west wall - appears to not have been toothed in adequately.	Appoint a Structural Engineer to review and advise.	2 / C	0237		£ 1,000.00			Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		Return to west wall has some blown and cracked bricks.	Replace damaged bricks.	2	0238		£ 400.00			
		Lightning conductor runs from coping of west wall.	Lightning protection to be tested and any remedial works carried out.	1	0237	£ 500.00				
		Mortar generally intact but is failing or missing in areas, especially in corners of piers.	Repoint open joints in suitable mortar mix.	2			£ 500.00			

Conference Room South Elevation		Bricks generally intact but some blown corners and faces. A number of bricks have eroded or blown.	Replace severely damaged bricks.	2			£ 400.00			
		Courses above door and arched header have mortar missing.	Repoint in suitable mortar.	2	0241		£ 400.00			
	Windows	Cracked glazing to windows, likely because of cast iron windows rusting and expanding. Bottom of windows cannot be seen from vantage point available.	Allow access for closer inspection. Allow to repair, rub down and redecorate as required, replacing any cracked glass.	2			£ 6,000.00			Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		Stone sills - 1no. adjacent to west door has eroded.	Dress back.	2			£ 500.00			
	Doors	Timber glazing bars are rotten, and there are signs of rot to door panel. Bottom of doors not visible from vantage point available.	Allow access for closer inspection. Allow to repair, rub down and redecorate as required.	2			£ 5,000.00			Provisional allowance due to variable scope subject to outcome of further investigations once access is available
	Rainwater Goods	Downpipes appear tired and joints appear loose. Downpipes bend over the platform and are prone to blockage as there are numerous bends.	Overhaul, rub down and redecorate ensuring fully watertight. Re-route if possible, otherwise monitor for leaks and clear on a regular basis.	1 / M	0252	£ 2,000.00				
	Fixtures	Fire alarm light is broken so no way of knowing if there is a fire when on roof.	Replace and ensure linked with system.	1	0255	£ 500.00				
West Wall Below Accumulator Tower Flue	Walls	Mortar missing to joints. Plants growing out of wall.	Remove plants and repoint in suitable mortar mix.	2	0201 0203		£ 400.00			
	Rainwater Goods	Hopper blocked with debris.	Clear out hoppers regularly.	1 / M	0200	£ 500.00				
Walkway to South Elevation (Adjacent to River)	Floor	Excluded from inspection as under private ownership.								

North Elevation	Walls	Corten steel cladding, appears adequate except for some guano staining.	Clean façade periodically using appropriate methods, allow for high level access to brush away dirt with soft bristle brush and then wash with water.	4 / M	0512				£ 1,500.00	
		Metal capping to parapet is green with algae.	Clean regularly.	4 / M					£ 300.00	
		Corrosion to underside at low level, corrosion particularly substantial in localised areas at perimeter due to insufficient drip detail.	Would benefit improved drip detail.	3	0513 0515 - 16			£ 2,000.00		Allowance for new drip detail
		Ventilation grilles appear adequate although dirty. In some areas subject to inappropriate repair with mastic.	Clean regularly, remove mastic and reseal.	2 / M	0517- 18		£ 2,000.00			
		Basalt cladding, some marks where posters have been stuck on previously.	Clean regularly.	4 / M	0519 -20				£ 300.00	
		Plant growth between cladding and paving.	Would benefit removal and reseal joint.	3	0521			£ 1,000.00		
	Windows	Due to insufficient sill drip details, there is green algae and moss under the windows where water has dripped down.	Would benefit improved sill detail.	3	0514			£ 2,000.00		Allowance for new drip detail
		Fruit flies visible trapped in junction of wall and glazing at skirting level (internally adjacent to café).	Prudent to remove flies and reseal to prevent further infestation.	1	0524	£ 500.00				
		Sealant failed in areas at perimeter.	Reseal with mastic.	2	0525		£ 500.00			
	Doors	2no. secret doors appear in adequate condition.								
		Glazed doors showing first signs of rusting to door frame	Treat in appropriate manner to prevent further rusting, subject to metal type.	3	0522 - 23			£ 500.00		
		Dirt to threshold.	Clean regularly.	3 / M				£ 200.00		
	Rainwater Goods	Concealed gutter runs along the entire elevation which is blocked with moss and debris. Increased areas of corrosion to Corten visible below gutter.	Clear out regularly to prevent leaks and ensure all joints watertight.	1 / M	0512	£ 1,000.00				
		Noted shoot at high level towards south, presumably overflow pipe.								
East Elevation	Walls	Some guano staining on cladding.	Clean façade periodically using appropriate methods, allow for high level access to brush away dirt with soft bristle brush and then wash with water.	4 / M	0009				£ 500.00	
		Minor blemishes to columns and some hairline cracks.	Repair when funds permit.	4	0001-02				£ 250.00	
		Basalt panels appear to be in adequate condition except for minor marking where signage was previously stuck on.	Clean regularly.	4 / M	0007				£ 300.00	
	Windows	Upper windows glazing is dirty, and there is some algae staining to southern most window where water has dripped down due to insufficient sill drip detail.	Clean windows regularly and clean façade periodically using appropriate methods, allow for high level access to brush away dirt with soft bristle brush and then wash with water. Would benefit improved sill drip detail.	3	0010-11			£ 1,500.00		
		Ground floor level glazing appears in adequate condition.								
	Doors	Frame around door appears to be rusting, cause is unclear.	Treat in appropriate manner to prevent further rusting, subject to metal type.	3	0397-98			£ 500.00		
	Rainwater Goods	Concealed gutter runs along the entire elevation which is blocked with moss and debris. Water staining below gutter, with increased corrosion to Corten underneath potentially due to defect in concealed gutter above or possible poor drip detail / blockage.	Clear out regularly to prevent leaks and ensure all joints watertight.	1 / M	0389	£ 2,000.00				Provisional allowance, extent of repairs if required unknown
	Fixtures	Handrails appear to be rusting.	Treat in appropriate manner to prevent further rusting, subject to metal type.	4	0399				£ 800.00	
South Elevation	Walls	Cladding appears adequate except for some guano staining.	Clean façade periodically using appropriate methods, allow for high level access to brush away dirt with soft bristle brush and then wash with water.	4 / M	0289-90				£ 500.00	
		Mastic between flat roof coping and new extension indicates previous failing.	Remove failing mastic and reseal / provide improved flashing detail.	2	0292		£ 2,000.00			

South Elevation		At lower level - mastic appears to have oozed out of joint where poorly resealed and there is algae growth. Also some plant growth to window junction and at perimeter.	Clean, remove vegetation and reseal.	2	0542 - 43		£ 400.00			
	Windows	Cover piece to perimeter of window appears to have detached at the top.	Requires further investigation to establish if loose and re-fixing as required.	2	0291		£ 500.00			Provisional allowance due to variable scope subject to outcome of further investigations once access is available
West Elevation	Walls	Spider nests to underside of Corten section.	Brush away with soft bristle brush.	4	0526				£ 50.00	
		Columns are dirty. Southmost column has some minor surface damage.	Clean regularly.	4 / M	0528				£ 200.00	
		Basalt panels are dirty.	Clean regularly.	4 / M	0529				£ 200.00	
		Cover strip on return is coming away.	Refix.	2	0531		£ 500.00			
		Louvred section in alcove - spacing is varied to a couple at high level although difficult to tell if this is a defect from vantage point available.	Allow for closer inspection and repair / replace if necessary.	2			£ 200.00			
		Behind the louvres, membrane has slumped potentially exposing insulation above.	Allow for closer inspection and repair/ replace if necessary.	2	0532		£ 200.00			
		Cladding is green with algae on return below gutter.	Clean façade regularly, allow for high level access to brush away dirt with soft bristle brush and then wash with water. Ensure gutter clear and in good working order.	1 / M	0530	£ 2,500.00				
		Above curtain glazing weather protection appears inadequate to ventilated area, especially for wind-driven rain.	Ascertain whether water ingress occurring and remediate as required.	2	0541		£ 5,000.00			Extent of required remediation unknown
	Windows	Seal hanging out of the top of former doorway. Frame is rusting / tarnished.	Address seal, treat frame in appropriate manner to prevent further rusting, subject to metal type.	3	0527 0522			£ 500.00		
		Return wall glazing is dirty.	Clean on regular basis.	3 / M				£ 500.00		
		Cover piece above curtain glazing appears to be slumping.	High level inspection required, if is slumping will need to be re-fixed.	2	0541		£ 500.00			Provisional allowance due to variable scope subject to outcome of further investigations once access is available
	Windows	Seal hanging out of the top of former doorway. Frame is rusting / tarnished.	Address seal, treat frame in appropriate manner to prevent further rusting, subject to metal type.	3	0527 0522			£ 250.00		
		Return wall glazing is dirty.	Clean on regular basis.	3 / M				£ 200.00		
		Cover piece above curtain glazing appears to be slumping.	High level inspection required, if is slumping will need to be re-fixed.	2	0541		£ 1,000.00			
	Rainwater Goods	Gutters are green and potentially overflowing.	Clear gutters on a regular basis. Overhaul, rub down and redecorate downpipe.	1 / M		£ 1,000.00				
	Windows	Seal hanging out of the top of former doorway. Frame is rusting / tarnished.	Address seal, treat frame in appropriate manner to prevent further rusting, subject to metal type.	3	0527			£ 500.00		
					0522					
		Return wall glazing is dirty.	Clean on regular basis.	3 / M				£ 200.00		
		Cover piece above curtain glazing appears to be slumping.	High level inspection required, if is slumping will need to be re-fixed.	2	0541		£ 500.00			Provisional allowance due to variable scope subject to outcome of further investigations once access is available
	Rainwater Goods	Gutters are green and potentially overflowing.	Clear gutters on a regular basis. Overhaul, rub down and redecorate downpipe.	1 / M		£ 2,500.00				Allowance for overhauling gutters.
Terrace	Floor	Flags are dirty, algae could become slippery in wet conditions.	Clean regularly.	3 / M	0544			£ 300.00		
		Grass growing from open joints.	Remove grass and reseal joints.	3	0535-37			£ 150.00		
		Flags seem to have displaced in localised area on north elevation which could be a trip hazard.	Reset flags and replace any broken.	2	0537		£ 1,000.00			
	Rainwater Goods	Slot drain full.	Would benefit clearing out on regular basis to allow for drainage.	1 / M		£ 500.00				
	Steps	Contrasting nosings not particularly visible as dirty.	Clean regularly. Replace contrasts if necessary.	3 / M	0539			£ 400.00		
All Roofs		Access for maintenance across all original roofs is very poor, leaving the client in an impossible situation regarding maintenance. Timber roof ladders should not be used as they are a health and safety hazard as showing signs of rot or are visibly damaged.	An updated access system is required to all roofs to allow for safe access and maintenance. It is acknowledged that access to the Accumulator Tower roof will be very challenging and will probably require a steeplejack to clear gutters bi-annually.	1		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		There is substantial moss growth, slipped and broken slates across all the roofs.	All roofs should be inspected and maintained regularly to prevent issues with water ingress and damage to the building.	1 / M		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
All Gutters		All gutters across the roofs are blocked which is causing excess water ingress to the walls at eaves level and roofs. This is having a detrimental impact to the building fabric below in numerous areas.	Gutters are blocked and need to be cleared on a regular basis to prevent issues with water ingress as roof and eaves level.	1 / M		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Roof getting to end of useful life. Generally tired, numerous cracked and slipped slates – risk of water penetrating building.	As a matter of urgency replace broken slates and fix any slipped slates. Roof is at end of useful life and consideration should be given to renewal as part of a larger roofing project.	1	0294	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Moss to joints between slates.	Clean regularly.	2 / M	0295	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Flashing at parapet does not meet recommended heights suggested in Lead Sheet Academy guidance.	Review lead flashing detail – consider introduction of secret gutter to Lead Sheet Academy guidance to achieve desired upstand heights.	3	0318-0319	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Flashing to north parapet wall is nailed in, this is likely to cause damage as the lead is pierced limiting protection from water ingress and creates weak points.	Remove nails and renew lead flashing to Lead Sheet Academy guidance.	2	0308	New Roof Section	New Roof Section	New Roof Section	New Roof Section	

R01	Roof	Lead flashings are particularly mossy to northwest with vegetation growth and is failing to west parapet. Lead is peeling away in parts and appears to have cement over.	Reason for cement is unclear, leadwork to be replaced and remove cement.	1	0316	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Mortar failing to brickwork, plant life growing out of brick.	Remove vegetation. Rake out cement and repoint in lime mortar.	2	0299	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Joints to copings full of moss, mortar failing – likely leading to water ingress within wall.	Remove moss and repoint in lime mortar.	2	0297	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Poor detail to lead flashing where meets roof.	Improve detail in conjunction with any future re-roofing project.	2	0303	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Plastic downpipes on roof extend drainage from glazed atrium. This is not ideal as this concentrates the water over the slates.	Improve detail with revised route/ lead slates to disperse water flow.	2	0154	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		There is a buddleia growing out of the west face of the west parapet. Substantial cracking above hopper in the same location, crack emanating from top of outlet up to apex of wall. Rusting iron lintel above hopper causing damage to masonry above. Copings have noticeably moved, bricks can be pulled out by hand where cracked. There is also a straight joint indicating where the wall appears to have been rebuilt in the past.	Appoint a structural engineer to review. Replace rusting lintel, although it is acknowledged access may be difficult due to adjacent water tank. Wall likely needs to be rebuilt from base of lintel.	1 / C	0317 0321-25 0329-31	New Roof Section New Roof Section New Roof Section	New Roof Section New Roof Section New Roof Section	New Roof Section New Roof Section New Roof Section	New Roof Section New Roof Section New Roof Section	
	Gutter	Gutter is completely blocked with plants growing out of it. Given condition of rest of roof and defects found on similar gutter to R02, it is highly likely that the lead gutter is in full need of replacement (this cannot be verified until cleaned and lead can be assessed)	Clean and remove plants as priority - refer to general notes regarding cleaning of gutters to prevent issues with water ingress and damp to roof and wall structure. Allow to replace gutter as part of larger re-roofing project.	1 / M	0296	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Gutter to west end is routed from the parapet circa. 1m, so downpipe falls into Water Tank 02.	It would potentially be better for water to drain into Tank 03 along with works to drainage in order to simplify route.	3		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
R01b (Glazed Atrium)	Roof	Cast iron bracket to east pediment, potentially from a previous downpipe.	Remove as ferrous metals can rust and expand which will damage the surrounding stonework.	3	0304	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		All glass to windows is wired in a mixture of styles. Windows are in poor condition. Substantial rot to sill frames and mullions, gaps are visible between the frames and casements and many are not shut properly. Putty to metal windows has substantially failed, particularly at the bottom. Metal casement frames rusting substantially. Approximately 26no. cracked panes, likely because of metal rusting, expanding and cracking glass.	Windows need complete overhaul with both timber members and metal frames repaired / replaced (where too far gone to repair), and re-decorated.	1	0305-07 0311-15	New Roof Section New Roof Section	New Roof Section New Roof Section	New Roof Section New Roof Section	New Roof Section New Roof Section	
		Glass to rooflights appears to be more modern than that to windows and it is assumed that the roof of the atrium has been replaced in fairly	If high level access becomes available, carry out close-up visual inspection and confirm adequacy. It would be prudent to check glazing bars, integrity of	3	0320 0356- 60	New Roof Section New Roof Section	New Roof Section New Roof Section	New Roof Section New Roof Section	New Roof Section New Roof Section	
		Lead portion of flat roofing between atrium and slates appears to be in adequate condition from vantage point available.	If high level access becomes available, carry out close-up visual inspection and confirm adequacy.	3		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	Gutter	Plants visible growing out of gutter.	Clean as priority - refer to general notes regarding cleaning of gutters to prevent issues with water ingress and damp to roof and wall structure. Check watertight with no leaking joints in tandem with cleaning.	1 / M		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
R02	Roof	Generally, appears very tired. Many cracked and broken slates. Numerous are tagged and a handful have slipped. Appear to be poor flashband repairs to some slates. There are also 2no small pieces of lead visible on the slates and it is not clear where they have come from.	As a matter of urgency replace broken slates and fix any slipped slates. Roof is at end of useful life and consideration should be given to renewal as part of a larger roofing project.	1	0140-44	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Lead vents to roof space appear tired but adequate.	Consider renewal if re-roofing project takes place	3		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Lead flashing to east parapet appears tired and does not meet heights specified within Lead Sheet Academy guidelines to full length.	It would be prudent to renew lead and install a secret gutter with any future roofing project to assist with lead flashing issues.	2		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		The parapet is also losing mortar where flashing pointed in, and the detail to the top where it meets small lead flat roof section is poor.	Reseal where mortar has been lost with Leadmate. Improve detail where parapet meets lead flat roof section when funds permit.	2	0146-47	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Flashings to west side have lost seal and coming away in parts and does not meet Lead Sheet Academy guidance height. Section appears to have additional flashing over the original. Open joints to brickwork.	Renew flashings and consider introducing secret gutter with any re-roofing works to improve upstand heights. Repoint open joints to brickwork in lime mortar mix.	1	0177-83	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Parapet coping joints are full of moss and have lost mortar.	Clean and repoint with lime mortar.	2	0150	New Roof Section	New Roof Section	New Roof Section	New Roof Section	

		Lead flat roof below windows appears tired and roll ends are beginning to split.	Renew lead	2	0170-71	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		2no. plastic downpipes on roof extend drainage from glazed atrium. This is not ideal as this concentrates the water over the slates.	Improve detail with revised route/ lead slates.	2	0172	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
					0139	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	Gutter	Gutter is tired, showing signs of wear and needs cleaning. Step dimensions are not to current Lead Sheet Academy guidance. Narrows considerably adjacent to tower so more prone to blockage.	It would be beneficial if detail could be improved.	1 / M	0164-65	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
			Clean as priority - refer to general notes regarding cleaning of gutters to prevent issues with water ingress and damp to roof and wall structure. Renew in conjunction with any re-roofing project, ensuring step heights meet minimum guidance and improving detail around.			New Roof Section	New Roof Section	New Roof Section	New Roof Section	
R02b (Glazed Atrium)	Roof	East parapet- some salt staining and face of some bricks appear to have blown in this area. Moss to coping joints.	Brush of salts and replace damaged bricks.	2	0160	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		It was noted that lightning protection runs down along atrium.	No testing records for lightning conductor available. Test existing system as a priority. Review lightning protection system to create more efficient route in conjunction with any re-roofing project.	1		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Windows are in poor condition. Substantial rot to sill frames and mullions. There are large gaps through which the interior of the building can be seen. Metal casement frames are rusting substantially and putty to metal windows has failed. All glass is wired in a mixture of styles. 10no. panes are cracked, which is likely to have been caused by metal rusting and expanding.	Windows need complete overhaul with both timber members and metal frames repaired / replaced (where too far gone to repair), and re-decorated.	1	0162-63	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
					0169-73	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Lead flashing to roof of atrium/ parapet is tired however there appear to be no major defects.	It would be prudent to renew lead flashing in conjunction with any roofing project.	3	0160	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Lead roll to ridge is appears tired but adequate, however visibility is poor from vantage point available for inspection.	If high level access becomes available, allow for architect to inspect and confirm adequacy. Consider renewal with any re-roofing project.	3	0159	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Glass to rooflights appears to be more modern than that to windows and it is assumed that the roof of the atrium has been replaced in fairly recent times. From vantage point available, roof of atrium appears adequate except a couple of glass pane appear to have slipped (evidenced from clean portion of glass at top of panes and distinct line of dirt below). Lead flashings also appear a little tired.	If high level access becomes available, carry out close-up visual inspection and confirm adequacy. It would be prudent to check glazing bars, integrity of panes and clips when access is available.	3		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Lead flashing to west side is tired.	Renew lead flashing.	2	0177-82	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Lead capping to wall head. Pipe fixed to copings, reason for this is unclear. Salts to brickwork and some faces blown with plant life present here.	Remove pipe if redundant, brush off salts, remove plants and replace damaged bricks.	2		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		No mortar to coping joints. Moss and plant life growing out of coping. It was noted lightning protection runs over coping.	Remove moss and plants, repoint in lime mortar.	2	0180	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	Gutter	Ogee style gutter is blocked with plant life growing out of it.	Clean as priority - refer to general notes regarding cleaning of gutters to prevent issues with water ingress and damp to roof and wall structure. Check watertight with no leaking joints in tandem with cleaning.	1 / M		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
R02c (Lead Flat Roof)	Roof	Parapet is very mossy with plant growth where mortar has failed.	Remove plants, repoint in lime mortar.	2	0192-96	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Lead roof appears very tired. Flashings do not meet Lead Sheet Academy guidance.	Renew roof and lead flashings.	2	0192-96	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Timber roof ladder should not be used as it is a health and safety hazard.	An updated access system is required- refer to general notes regarding roof access.	1	0192-96	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	Gutter	Heavy silt build up in gutter. Outlet currently clear however could still be prone to blockage if gutter not cleared regularly.	Clean gutter as priority - refer to general notes regarding cleaning of gutters to prevent issues with water ingress and damp to roof and wall structure.	1 / M		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Slates appear tired, handful are tagged and handful are broken. Some moss to joints.	Replace broken slates as a priority and remove moss. Consider reroofing as part of a larger re-roofing project given general condition.	2	0098	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Lead ridge appears in adequate condition.			0089	New Roof Section	New Roof Section	New Roof Section	New Roof Section	

R03	Roof	Finial has flashband repair to top, it is assumed this is because there is a split to the ball finial.	Remove flashband and investigate. Allow to replace lead to finial.	2	0105	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Flashings to tower appear adequate however old material/ former temporary repairs can be seen below some suggesting not installed to best practice or Lead Sheet Academy guidance. Cover flashing missing to end of gutter.	Renew lead flashing to Lead Sheet Academy guidance.	2	0107-08	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Lead flashings to parapet - sealant is failing and coming away with substantial moss growth to joints. Lead is deformed in areas and not flush with the parapet and likely to be allowing water ingress. There is additional flashing over the original.	Renew lead flashing to Lead Sheet Academy guidance.	1	0109	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
					0112	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Parapet - assumed cementitious mortar has failed in areas and the faces of numerous bricks are blown. Plant life growing where mortar and bricks failed.	Remove plant growth and repoint open joints as minimum. Full rake out and repoint with more suitable mortar would be prudent.	2	0092	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
					0096	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Chimney- mortar failed in areas and face of a number of bricks blown particularly at high level. Plants growing from joints/ cracks in bricks. String course appears in adequate condition. Capping cannot be seen from vantage point.	Remove plant growth and repoint open joints as minimum. Full rake out and repoint with more suitable mortar would be prudent, replacing any damaged bricks. Allow high level access to inspect capping.	2	0117-18	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Lightning protection running from top of tower, along parapet and over chimney and continues around parapet.	No testing records for lightning conductor available. Test existing system as a priority. Review lightning protection system to create more efficient route in conjunction with any re-roofing project.	1	0107	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Ridge tiles generally sound. Mortar cracked in areas and moss growth.	Repoint in suitable mortar mix and remove moss.	2	0106	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
					0122	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	Gutter	Lead lined gutters worn and covered in debris/ sludge. 40mm step height not in accordance with LSA guidance.	Clean as priority - refer to general notes regarding cleaning of gutters to prevent issues with water ingress and damp to roof and wall structure. Renew in conjunction with any re-roofing project.	1 / M	0095	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
R04	Roof	Slates tired - handful tagged, 1no. slipped, moss growth.	Replace broken slates and refix slipped slate as a priority, remove moss. Consider reroofing as part of a larger re-roofing project given general condition.	2	0123	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Temporary flashband repairs over flashing now disintegrated. Additional flashing over original, now peeling away from wall in a number of areas. Sealant failed.	Renew with lead flashings to LSA guidance.	1	0116	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
					0124-28	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Parapet - assumed cementitious mortar has failed in areas and the faces of numerous bricks are blown. Extensive plant life growing where mortar and bricks failed. Generally in worse condition compared to R03.	Rake out cementitious mortar, remove plants and repoint in lime mortar.	2	0120	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Section of flashing missing in corner near hopper.	Renew lead flashing to Lead Sheet Academy guidance.	1	0125	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Ridge tiles generally sound. Mortar cracked in areas and moss growth. Some mortar has failed to R04/R05 ridge.	Remove moss and repoint in suitable mortar mix.	2	0131	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Parapet coping stones have open joints all round with moss growth.	Remove moss and repoint open joints with suitable mortar mix.	2		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	Gutter	In particularly bad condition, full of leaves and sludge. Outlet completely blocked. Large plant growing from sludge. Defects causing substantial damage to building fabric below and major leaks internally. Gutter steps 40mm - lower than current guidance.	Clean as priority - refer to general notes regarding cleaning of gutters to prevent issues with water ingress and damp to roof and wall structure. Renew gutter and outlet in conjunction with any re-roofing project.	1 / M	0124-25	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
R05	Roof	Slates appear tired, handful are tagged and handful are broken. Some moss to joints.	Replace broken slates as a priority and remove moss. Consider reroofing as part of a larger re-roofing project given general condition.	2	0132	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Flashings to tower appear adequate however old material/ former temporary repairs can be seen below some suggesting not installed to best practice or Lead Sheet Academy guidance.	Replace flashing with new lead to Lead Sheet Academy guidance.	2	0132	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	Gutter	Lead lined gutters worn and covered in debris/ sludge. Gutter steps 40mm - lower than current guidance.	Clean as priority - refer to general notes regarding cleaning of gutters to prevent issues with water ingress and damp to roof and wall structure. Renew gutter and outlet in conjunction with any re-roofing project.	1 / M		New Roof Section	New Roof Section	New Roof Section	New Roof Section	

R06	Roof	Asphalt roof with lead flashing, ponding water evident from vantage point available. Only 1no small vent visible to roof – unclear whether this is adequate to vent chimney (no access internally to check condition). It is also noted heavy water ingress internally to ground floor storeroom that sits below Tank 01 adjacent to this chimney.	Renew roof covering and associated flashings, ensuring falls prevent ponding and drainage is sufficient. Review whether ventilation provision should be improved in conjunction.	1	0363	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
R06b	Roof	Lead flat roof is tired with moss growth.	Remove moss and replace lead.	2	0207	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Open joints to coping stone.	Repoint in lime mortar mix.	2		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Brick to corner of lower wall substantially cracked, there is also an iron bracket where a downpipe was previously.	Indent repair or replace substantially damaged brick, remove iron bracket as ferrous metals can rust and expand causing the brickwork to explode.	1	0204	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Timber roof ladder should not be used as they are a health and safety hazard.	Refer to general notes regarding roof access.	1	0205	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Large buddleia growing from underneath lead flashing.	Remove plant and treat with herbicide, renew flashing and address any damage masonry. Repoint open joints in suitable mortar.	1	0203	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	Gutter	2no. downpipes from roof above, not clear from vantage point available where they originate from.	When high level access available investigate where downpipes are taking water from and if current system big enough to deal with volume of water	2	0208-10	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
R07	Roof	Not visible nor accessible for inspection, however given internal defects present and condition of associated roof R08, it is assumed roof and gutter are in poor condition and need to be addressed.	Provisionally allow to renew roof and associated lead lined gutters.	1		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
R08	Roof	Limited visibility of roof however from vantage point available it appears to have a number of slipped / broken slates.	Replace / refix broken / slipped slates as a priority. Consider reroofing as part of a larger re-roofing project given general condition.	1	0364-67	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
					0378-79	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		The lightning conductor appears to have slipped down slope.	No testing records for lightning conductor available. Test existing system as a priority. Review lightning protection system in conjunction with any re-roofing project.	1	0364-67	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
					0378-79	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	Gutter	Not visible but large buddleia growing out of gutter indicates that the gutters are blocked / defective. Internal defects support this assumption.	Clean as priority - refer to general notes regarding cleaning of gutters to prevent issues with water ingress and damp to roof and wall structure. Allow to renew as part of re-roofing project.	1 / M	0365	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
R09	Roof	Poor visibility from vantage point available. Difficult to inspect slates and flashings from vantage point available. Moss can be seen growing from joints of slates where visible, with possible flashband repairs to leadwork.	Provide high level access so condition of roof can be assessed.	1		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	Gutter	Ogee style gutter is blocked with plant life growing out of it.	Clean as priority - refer to general notes regarding cleaning of gutters to prevent issues with water ingress and damp to roof and wall structure. Check watertight with no leaking joints in tandem with cleaning.	1 / M		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	Low-level Asphalt Platform	Platform- timber beam to eaves bolted to top of Water Tank 01 is heavily rotten. Rotten timber beams causing asphalt covering to fail which is full of moss.	Replace. The timber is currently rotting due to poor detailing, as there is no drop detail to protect the timber. It would be prudent to improve detail. Remove moss and replace covering.	1	0243 / 44	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
R10	Roof	Some moss growth to slates. There are also a number of tagged and cracked slates. It was noted there are a number of vent tiles in ridge which are ventilating the roof space below.	Replace any broken slates. Would benefit removal of moss.	2	0277	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
					0362	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Joints to masonry failed in areas.	Repoint open joints in suitable mortar.	2		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Ridge in adequate condition except for moss growth.	Would benefit removal of moss.	3	0278	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Flashings appear adequate from vantage point available.	If opportunity arises, provide access to carry out closer inspection of flashings and roof	3	0279-80	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	Gutter	Ogee style gutter is blocked with plant life growing out of it.	Overhaul, rub down and redecorate. Clean as priority - refer to general notes regarding cleaning of gutters to prevent issues with water ingress and damp to roof and wall structure. Check watertight with no leaking joints in tandem with cleaning.	1 / M	0278	New Roof Section	New Roof Section	New Roof Section	New Roof Section	

	Low-level Asphalt Platform	Limited visibility of platform from available vantage point. Asphalt is covered in moss and plant growth at edges, and board appears to have rot damage. Numerous scaffold tubes on platform roof, likely causing damage below. Unclear why there is a safety gate here. Buddleia growing out of platform.	Remove moss and debris, renew covering and remove gate if redundant.	2	0285-87	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
R11	Roof	Mansafe system is in date.	Re-test before expiry date.	M	0267-68	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Ply membrane is completely warped and rippled to south perimeter.	It would be prudent to renew to prevent issues with water ingress.	2	0267	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Ponding evident at northeast corner of the roof with vegetation growth in this location. Outlet is too high to allow for water to adequately drain.	Review falls / drainage route to prevent water from pooling and causing leaks to rooms below.	1	0270	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
						New Roof Section	New Roof Section	New Roof Section	New Roof Section	
R12	Roof	Asphalt roof, poor condition with lead flashings coming away from wall.	Renew roof covering if possible (noting that it has quite a lot of MEP equipment positioned on it) and associated lead flashings.	1	1029 - 37	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	Gutter	Large buddleia growing out of wall.	Remove tree as far as possible and treat any residual roots with herbicide.	1	1029 - 37	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Hopper and drainage routes blocked. It is assumed that if gutters are blocked and there is a heavy downpour, this area potentially fills with water which is not ideal as the area is full of MEP equipment.	Clear gutter on a regular basis- refer to general notes. Review drainage route and investigate adding overflow to prevent flooding to MEP equipment.	1 / M	1029 - 37	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
R13	Roof	Ply roof with numerous scaffold boards and tubes left on the roof which have now melted into the asphalt. Water is pooling in centre.	Remove debris and carry out any required repairs to roof covering.	1	0271	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
		Moss growing to all copings, particularly where mortar failed to joints.	Clean moss and repoint joints with suitable mortar.	2	0272-73	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	Gutter	Hopper is blocked.	Clear out as priority - refer to general notes regarding cleaning of gutters to prevent issues with water ingress and damp to roof and wall structure.	1 / M	0272	New Roof Section	New Roof Section	New Roof Section	New Roof Section	
R14a	Roof	Standing seam roof generally in adequate condition. Patch repaired with flashband to one small area.	Would benefit from proper repair.	3	0353			£ 1,500.00		Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		Access hatch to roof is currently held down with rope and does not stay open when lifted open.	It would be prudent to review access hatch in terms of safety and security. Currently the access hatch is unsafe as does not stay open and does not lock, rope is less than adequate solution and should be secured.	1		£ 8,000.00				Provisional allowance due to variable scope subject to outcome of further review, access hatch may need to be replaced.
		Unusual cover flashing detail, reason is unclear. Slight ponding.	Review reason for installing flashing detail / determine if defect lies beneath.	3	0342			£ 1,000.00		Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		Lichen to coping, sealant is either missing or failing between coping capping joints.	Remove lichen, re-seal open joints.	2	0349-51		£ 400.00			
		Mansafe in date.	Update before expiry date.	M	0354			£ 5,000.00		
	Gutter	Asphalt gutters are full of sludge and moss, bird guard to outlet is missing and 2no. outlet covers are misplaced.	Clear gutters on a regular basis and refix or replace outlet covers.	1 / M	0344-48	£ 200.00				
R14b	Roof	Insulation with no cover flashing visible in northwest corner.	Replace cover flashing.	2	0375-77		£ 2,000.00			
		Flues appear to be rusting from steam.	Replace rusting components.	2	0339		£ 2,000.00			
	Gutter	Asphalt gutters are full of sludge and moss, some ponding.	Clear gutters on a regular basis and refix or replace outlet covers.	1 / M	0344-48	£ 2,000.00				Allowance for replacing outfall covers etc.
		Roof membrane has slumped down from parapet into gutter.	Refix membrane.	2	0387		£ 2,000.00			
R3.03 Plant Well (Water Tank 01)	Walls	Metal panels - appear to be in adequate condition.	Would benefit review by a Structural Engineer / specialist to confirm in adequate condition given specialist item.	2			£ 2,500.00			Provisional allowance in case panels need to be replaced following review.
		Moss to metalwork. Paint failing in areas, corrosion showing.	Remove moss, would benefit rub down and repaint	2	0221 - 24		£ 200.00			
		Buddleia growing out of northeast side girders and growing out of concrete.	Remove buddleia as far as possible and treat any roots with herbicide. Ascertain if tree has caused any fabric or structural disturbance / carry out relevant repairs if required	1 / C	0225 0230	£ 3,000.00				Provisional allowance in case any structural damage has been caused by the tree.
		Numerous holes cut out for MEP equipment which will directly affect structure of panels, although no visible stresses seen.	Would benefit review by a Structural Engineer.	2	0227	£ 3,000.00	£ -			
		Rusting railings at high level, unclear if they are structurally sound as they are now leaning / some areas are broken.	Would benefit review by a Structural Engineer and repairs carried out as required.	1		£ 2,500.00				Provisional allowance due to variable scope subject to outcome of further investigations once access is available
	Floor	Asphalt. Appears that some of the MEP equipment has sunk into the asphalt.	It would be preferable if the MEP equipment was sited into a raised base to prevent damage to asphalt. It would be prudent to check that the asphalt is still providing its waterproofing functionality but appreciate this is difficult to do without removal of associated large scale MEP equipment.	2	0211-16		£ 10,000.00			Risk allowance in case any works are required.
		Floor is full of sludge, debris and pooling water.	Clean base of tank. Refer to drainage note below.	1 / M		£ 500.00				
		Asphalt broken / degrading to north side.	Repair to ensure base of tank waterproof. Damage to asphalt could be causing leaks / damage to internal fabric	1		£ 1,000.00				
		Plant life growing out of perimeter.	Remove plants and maintain on regular basis.	1 / M	0232	£ 300.00				
		Concrete upstand is degrading in areas.	Would benefit repair.	3	0220			£ 750.00		
	Rainwater goods	Drain running diagonally along base of tank is blocked which is causing build-up of sludge and ponding.	Clean out on a regular basis and ensure outlets guarded to prevent blockage.	1 / M	0216	New Roof Section	New Roof Section	New Roof Section	New Roof Section	

	Rainwater goods	Downpipes fall into water tank from main building, forming ponding as floor is blocked by MEP sited in the tank.	Ensure water tank can adequately drain into main outlet by relocating MEP / modifying falls as necessary.	2		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	General	Full of MEP equipment not inspected as part of this survey, refer to general notes. Insulation is visible to some of MEP and side panels have failed in these areas.	MEP to be inspected by specialist and equipment repaired as required.	2			£ 3,000.00			Provisional allowance due to variable scope subject to outcome of further investigations once access is available
R3.05 Existing Water Tank (Water Tank 02)	Walls	Metal panels. Appear to be in adequate condition.	Would benefit review by a Structural Engineer / specialist to confirm in adequate condition given specialist item.	2	0262		£ 1,000.00			Risk allowance in case works panels need to be replaced.
		Rusting railings at high level, unclear if they are structurally sound as they are now leaning / some areas are broken.	Would benefit review by a Structural Engineer and repairs carried out as required.	1		£ 1,000.00				Risk allowance in case works railings need to be replaced.
	Floor	Heavily ponding and vast amount of grass growth. Buddleia growing out of tank.	Remove buddleia / plants and maintain / clean on a regular basis. Repair any resultant damage to asphalt to ensure watertight base. Damage to asphalt could be causing leaks / damage to internal fabric	1 / M	0263	£ 2,000.00				
	Rainwater goods	Outlet appears to be blocked.	Unblock and maintain on a regular basis.	1 / M		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
	General	No access into the tank, visibility partially obscured. Access needed for a full inspection.	Safe access for maintenance into this tank needs to be implemented as a priority.	1		£ 1,000.00				Access allowed for separately.
R3.06	Walls	Metal panels. Appear to be in generally adequate condition. Rust visible, especially to fixings.	Would benefit review by a Structural Engineer / specialist to confirm in adequate condition given specialist item. Rub down and repaint as a minimum to prevent further corrosion.	2 / C			£ 1,500.00			
Existing Water Tank (Water Tank 03 and 04)	Floor	Floor appears to be filled with approximately 10cm of water.	Unblock outlets (refer to rainwater goods note) and maintain regularly. Ensure falls allow for adequate drainage.	1 / M	0265	£ 100.00				
		Scaffold tube and debris visible.	Remove and maintain on a regular basis. It is likely that the debris will have caused damage to the asphalt. Repair any resultant damage to asphalt to ensure watertight base.	1 / M	0266	£ 1,000.00				Provisional allowance, extent of repairs required unknown.
	Rainwater goods	Outlets appears to be blocked.	Unblock and maintain on a regular basis to prevent flooding and leaks.	1 / M		New Roof Section	New Roof Section	New Roof Section	New Roof Section	
Distribution Board Room	Walls	Exposed brick and blockwork, suffering from substantial damp at low level, some brick missing. Note that switchboards and distribution boards present in this room and therefore it is assumed the area should be watertight. Specialist to confirm.	Ascertain whether area needs to be fully dry due to MEP equipment contained therein and carry out appropriate tanking works as required. As a minimum, if room does not need to be watertight, brush off salts on regular basis, replace any bricks which are substantially damaged.	1 / C	1015 - 17	£ 2,000.00				Risk allowance
		Where beams bear onto central wall- some bricks missing or pushing out and wall structure is slim.	Structural Engineer to assess. May be beneficial to rebuild heavier wall around stacks to provide more support. Assume as a minimum wall to be repaired.	1 / C	1019 - 22	£ 2,500.00				Provisional allowance, extent of repairs required unknown.
	Floor	Concrete floor in serviceable condition. Some damp to floor.	Ascertain whether area needs to be fully dry due to MEP equipment contained therein and carry out appropriate tanking works if required.	1 / C		£ 1,000.00				
	General	Switchboard and distribution boards present. Room is currently used for storage - this is a health and safety issue.	Remove storage from room.	1	1018 1023 - 24	£ 250.00				
		Does not appear to be any intumescent to any of the steels.	Review fire strategy and compartmentation lines. Carry out remedial action as required.	1		£ 1,500.00				Provisional allowance, extent of works unknown.
R0.06	Walls	Tiles on plastered wall, appears adequate.								
Male WC	Floor	Tile floor- damage to corner and rotten backing board. Assumed gulley in floor is blocked which is causing the issue. Assumed drainage has been a long-term problem here.	Requires removal of IPS cladding and drainage survey for further investigation to find out cause of issue Carry out appropriate remedial action when caused ascertained.	2 / C	1012 - 13		£ 2,000.00			Provisional allowance, extent of works unknown.
	Ceiling	Plaster, adequate.								
	General	Poor general ventilation to room.	Ensure vents in full working order and providing adequate air exchange.	2			£ 250.00			
R0.07	Walls	Tiles on plastered wall, not dampproofed. Signs of salts and blown tiles.	Remove tiles, dampproof and re-tile wall.	2	1007 - 10		£ 1,500.00			
Female WC	Floor	Tile floor - damage to corner and rotten backing board. Assumed gulley in floor is blocked which is causing the issue. Assumed drainage has been a long-term problem here.	Requires removal of IPS cladding for further investigation to find out cause of issue. Carry out appropriate remedial action when caused ascertained.	2	1004 - 06		£ 1,000.00			Provisional allowance, extent of works unknown.
	Ceiling	Plaster, adequate.								
R0.08	Walls	Painted brick and blockwork. Damp at low level of west wall due to concrete and impervious surfaces.	Consider removal of impermeable paint, brush off salts on a regular basis.	3	0988 - 89			£ 300.00		
Existing Lobby		Pier- some bricks haphazard however do not seem to have moved since last painted therefore assumed not be ongoing problem.	Monitor and ensure no further movement.	M	0990					
	Floor	Painted concrete floor, breaking up adjacent to column, likely due to rusting of column at low level caused by damp issues.	Rub down and repaint column. Carry out localised repairs as required.	3	0988			£ 250.00		
	Ceiling	Plasterboard, adequate.								
R0.08	Walls	Blockwork and masonry, fit for purpose								
Store cupboard	Floor	Large piece of concrete has blown, reason unclear.	Requires further investigation.	3				£ 2,000.00		Provisional allowance, extent of works unknown.
	Ceiling	Concrete with steel joists. Substantial crack along one of the panels.	Provide high level access to check stability of concrete panel. Take remedial action as required.	1		£ -				
		Beams showing signs of rust.	Rub down and repaint.	3				£ 500.00		
	General	High amount of storage blocking visibility – room not fully inspected.								

R0.09		Painted brickwork. Low level spalling - probably due to concrete floor being impermeable and rising damp. Impervious paint preventing water from escaping exacerbating issues.	Room not occupied – maintain by rubbing down salts and replacing any severely spalled bricks. Consider removal of impervious paint to increase breathability. Tank room in a suitable way if more robust solution is required.	3	0913			£ 400.00		
Escape Route	Walls	Mortar joints lost at low level.	Rake out and repoint in suitable mortar.	2	0913		£ 1,000.00			
		North wall - major water ingress in terms of damp here.	Improve drainage in courtyard - refer to external schedule.	2	0919 - 20		£ 5,000.00			
		Iron fixing has blown brick.	Remove ferrous fixings and repoint / replace brick unit as required.	3	0916			£ 1,000.00		
		Crack at junction to new blockwork infill, assumed because moving at different rate to historic structure.	Monitor for signs of further cracking.	M	0937 - 38		£ 1,500.00			
	Floor	Painted concrete in adequate condition.			0918					
	Ceiling	Hairline cracking near bulkhead.	Infill crack and monitor for signs of further cracking.	2	0921 - 22		£ 750.00			
		Exposed joists, filler joist to north east side.			0925 - 26					
		Hole in concrete to filler joist, assume historic as condition has not worsened since it appears to have been painted.	Monitor and ensure no further deterioration.	M	0923		£ 1,000.00			Provisional allowance, extent of works unknown.
		Beginning of rust grinning through on joists.	Rub down and repaint to ensure no further deterioration.	2			£ 500.00			
	General	Storage in this room is not ideal as potential to block escape. Incoming mains gas and storage is not ideal as this is a health and safety issue.	Remove storage items from this area. Clear escape plan needed to allocate which spaces to be used for escape route and what to be used for storage / which areas are to be kept sterile.	1	0927 - 30	£ 100.00				
					0933 - 34					
		Noted that there is an evac chair but no call-point.	Review fire strategy and compartmentation lines. Provide evac chairs and call points at appropriate locations.	1	0914	£ 2,000.00				
R0.11 Information Technology	Walls	Plasterboard and exposed brick, adequate.			0911					
		Some damage where concrete broken out to allow for door, a design flaw rather than an ongoing issue.			0910					
	Floor	Vinyl floor, adequate.			0911					
	Ceiling	Plasterboard, adequate.			0911					
R0.13, R0.14, R0.15, R0.19 Office/ Meeting Rooms	Walls	Plasterboard, adequate.								
	Floor	Carpet, adequate.								
	Ceiling	Plasterboard, adequate.								
R0.16 Main Office	Walls	Plasterboard, adequate.			0879					
	Floor	Carpet, fit for purpose. Large stain to north side, reason unclear (possibly from MEP equipment or water tank above, possibly from spillage).	Monitor for further signs of staining.	2 / M			£ -			
	Ceiling	Area where stair has been modified, does not seem to be causing issues. Steels have been cut off and there are no steel trimmers.	Structural Engineer to review if this is adequate.	1 / C	0880 - 81	£ 1,500.00				Provisional allowance, extent of works unknown.
		Paint peeling from metal joists.	Rub down and repaint.	3	0880 - 81			£ 500.00		
		Staining from leak in ceiling present. Not clear if leakages coming from the roof (as a result of inadequate sealing when equipment installed) or MEP at ceiling level leaking, reported that leaks are not contingent on the weather (so more likely leaking from equipment itself).	Further investigation required and appropriate remedial action to be undertaken.	1 / C	0882	£ 2,000.00				Provisional allowance, extent of works unknown.
		Vertical board hanging from ceiling, assumed to have been cut out and bent back to insert MEP.	Further investigation required to ensure stable and watertight as above personnel heads.	1	0885	£ 1,000.00				Provisional allowance, extent of works unknown.
		Rusting to beams and ceiling structure adjacent to west wall.	Structural Engineer to review beams satisfactory. Rub down and repaint as a minimum to prevent further rusting.	1 / C	0886 - 89	£ 2,000.00				Provisional allowance, extent of works unknown.
	Windows	Bottom rail of windows have decayed- especially northmost windows. Modern mastic present. Metal has completely rusted away leaving no frame or glazing bar to hold glass panes. Particularly bad to most northerly window.	Completely overhaul.	1	0890 - 0903	£ 15,000.00				Provisional allowance, extent of works unknown.
	General	Paint flaking off pipework.	Rub down and repaint.	3				£ 500.00		
R0.20 Builder's Managers Office	Walls	Plasterboard, adequate.								
	Floor	Carpet, adequate.			0908 - 09					
	Ceiling	Plasterboard, adequate.								
R0.21	Walls	Plasterboard, adequate.								
Collections Room	Floor	Carpet, adequate.			0984					
	Ceiling	Plasterboard, adequate.								
R0.10	Walls	Glazed brick and plasterboard. Glazed brick blown and lost face in an unusual way- assumed because previous fixing removed from here.	Leave as is as difficult to find suitable glazed brick match and is not in a public-facing area. If aesthetics to be improved in future, ensure remediation appropriate and does not damage remaining glazed bricks.	4	0867 - 70				£ 1,000.00	Provisional allowance, extent of works unknown.
Lift Lobby , R0.12, R0.23	Floor	Carpet, fit for purpose. Minor gap visible between skirting and floor of ramp.			0864- 66					
Circulation and R0.33 Photocopy room					0871- 72					
	Ceiling	Painted joists and plasterboard- appears to be adequate.			0864- 66					
					0871- 72					
R0.24	Walls	Exposed brick, some painted, and blockwork. Some minor presence of salts to north wall.	Brush off salts on a regular basis, replace any substantially damaged bricks.	3 / M	0877			£ 750.00		
Tank Room	Floor	Concrete floor, patched but fit for purpose.								
	Ceiling	Holes in plasterboard- not fireproof.	Assumed that room should be fireproofed as forms a plant room. Review fire strategy and compartmentation lines. Carry out remedial action as required.	1	0874 - 75	£ 1,000.00				Provisional allowance, extent of required remedial works unknown.

	Rainwater goods	SVP pipe runs through this room.	Monitor regularly for leaks.	M	0878	£ 500.00				Risk item for any repairs required.
	General	A high amount of storage in this room. This could be a health and safety issue as stored with high voltage electrics.	Remove storage items to designated storage spaces.	1	0873	£ 300.00				
					0876					
		Steel running through space, do not have intumescent paint.	Review fire strategy and compartmentation lines. Carry out remedial action as required.	1		£ 2,000.00				Provisional allowance, extent of required remedial works unknown.
R0.25	Walls	Painted plasterboard. Around sink area paint is peeling.	May be beneficial to re-tile whole wall although noted service might make this difficult.	3	0856 - 57			£ 300.00		
Workshop		Crack to northwest corner.	Infill crack and monitor for signs of further cracking.	3	0859 - 60			£ 500.00		
		Salt damage to low level of north wall. Unbreathable floor/ wall and hygroscopic gypsum likely cause.	Consider removal of paint and plaster and re-plaster in permeable lime based plaster to allow for moisture to escape from walls.	3	0861 - 62			£ 500.00		
		Difficult to inspect due to lockers and storage.			0854					
	Floor	Non slip vinyl, some marks but fit for purpose.			0854					
	Ceiling	Painted joists, MEP. Fit for purpose. MEP not inspected as part of survey however noticeable damage to insulation evident.	Consider commissioning independent survey of MEP equipment.	C	0863					
R0.26	Walls	Plasterboard, fit for purpose. Some staining around bin area.	May be beneficial to introduce wipeable surface here when funds permit.	4					£ 1,800.00	
Staff Room	Floor	Vinyl floor, in adequate condition.								
	Ceiling	Plasterboard, fit for purpose.								
	General	Cupboards serviceable although 1no. crack and doors not fitting properly.	Consider overhaul / renewal as funds permit	4					£ 2,000.00	
R0.27	Walls	Painted plasterboard and blockwork. Exposed brick to south. Damp and salts at low level to brickwork and mortar missing to joints, near electrics.	Likely salts caused by rising damp due to impervious floor services, rub down and repoint as a minimum. Ensure electrical equipment safe and if not relocate or provide tanking solution to address damp.	1	0852	£ 5,000.00				Provisional allowance
Loading Bay	Floor	Non-slip vinyl floor, some damage to access covers which were not inspected as part of this survey.	Ensure damage does not become trip hazard. Repair / renew floor coverings as appropriate.	3	0849 - 50			£ 1,000.00		
		Area of water ingress from service yard adjacent evidenced by presence of sandbags.	Refer to external schedule regarding fixing and clearing external drainage of service yard to prevent flooding. Consider installing flood defence barriers within service yard.	2	0851		£ 5,000.00			
	Ceiling	Painted joists. Notch out of ceiling, assuming where pipe used to be.	Repair hole in ceiling.	4	0853				£ 400.00	
	General	Generally grubby area.	Clean on regular basis.	M					£ 350.00	
R0.30	Walls	Plasterboard in adequate condition.								
Basement Lobby	Floor	Vinyl in adequate condition.								
	Ceiling	Plasterboard in adequate condition.								
	General	Appears to be fire protected however there are some holes in the wall.	Check fire strategy and compartmentation, repair wall to fire safety standard requirements as required.	1		£ 1,000.00				Provisional allowance
R0.31	Walls	Plasterboard, fit for purpose. Some minor cracking to east wall.	Monitor for further signs of cracking.	3				£ 500.00		Risk allowance in case cracks arise
Quarantine Room		Damage to glazed brick evident.	Leave as is as difficult to find suitable glazed brick match and is not in a public-facing area.	4	0867 - 70				£ 500.00	
	Floor	Vinyl floor, fit for purpose.			0982					
	Ceiling	Plasterboard, fit for purpose.	This room is adjacent to the roof of the electrical distribution store to the service yard where there is large buddleia and ponding. It would be prudent to check above the ceiling void for any signs of damage here.		0982					
R0.32	Walls	Plasterboard, fit for purpose.								
Archive Sorting Room		Noted there are brackets in the wall- reason unclear.	Investigate purpose and review if fit for purpose.	3	0837			£ 1,000.00		Provisional allowance
		Some minor cracking between perimeter of wall and ceiling.	Fill cracks and monitor for further movement.	3	0837			£ 300.00		
	Floor	Vinyl floor, fit for purpose.								
	Ceiling	Plasterboard, fit for purpose.								
R0.34	Walls	Plasterboard, some minor hairline cracking and scuffs but otherwise is fit for purpose.			0840					
Lobby	Floor	Vinyl floor, fit for purpose.								
	Ceiling	Painted joists and plasterboard, in adequate condition.								
	Doors	Noted as aluminium doors, unclear if to serve specific purpose - e.g. security.								
R0.35	Walls	Painted brickwork- damp issues exacerbated by impervious surfaces, noted that this is occurring in close proximity to cabling and electrics.	Rub down salts as a minimum and consider removal of impervious paint to improve breathability. Ensure electrical equipment safe and if not relocate or upgrade to more suitable equipment.	1	1062 - 64	£ 1,000.00				Provisional allowance
Bin Store	Floor	Concrete floor – fit for purpose.			1059					
	Ceiling	Concrete filler joist ceiling - steel joists showing signs of rust.	Rub down and repaint joists to prevent further deterioration	2			£ 500.00			
R0.36	Walls	IPS clad and tile walls. Generally adequate.			0834 - 35					
Disabled WC	Floor	Tile floor- adequate except slightly dirty.	Clean regularly	M					£ 300.00	
	Ceiling	Plasterboard- adequate.								
	General	Extract fan is visible however seems room is not well ventilated.	Ensure fan in full working order and providing adequate air exchange.	2			£ 250.00			
R0.37	Walls	Painted plaster - minor hairline cracks.	Fill cracks and monitor for signs of further cracking.	3	0829 - 30			£ 300.00		
Lift Lobby	Floor	Timber - in adequate condition. Floor hatch not inspected.			0827					
					0832					
	Windows	In adequate condition.			0827					
	Doors	Previous doorway now infilled with glass. Evidenced by former door contact, which remains hanging down. Some minor corrosion to steel.	Review type of steel installed and treat as required to prevent further rusting. Consider removal of door contact.	4	0828				£ 1,000.00	Provisional allowance

	General	Generally dirty.	Clean on a regular basis.	M	0831				£ 200.00	
R0.38	Walls	Plasterboard - adequate.								
Reading Room	Floor	Carpet - fit for purpose.			0833					
	Ceiling	Plasterboard - adequate.								
R0.39	Walls	Plasterboard - some minor hairline cracking to east wall.	Fill cracks and monitor for signs of further cracking.	3				£ 500.00		
Lobby	Floor	Vinyl floor in adequate condition.								
	Ceiling	Plasterboard in adequate condition.								
R0.40	Walls	Plasterboard - difficult to inspect due to revolving shelves.								
Archive Store	Floor	Vinyl floor - in adequate condition where visible.			0838					
	Ceiling	Plasterboard - fit for purpose.								
R0.41	Walls	Spalling bricks and failed mortar.	Brush off salts and replace any severely deteriorated brick units. Rake out mortar and repoint in lime mortar mix Ensure ventilation into room is adequate.	2	0466		£ 1,500.00			
Electrical Distribution Store (Service Yard)	Floor	Concrete- limited visibility due to storage, not fully inspected.								
	Ceiling	Concrete- in adequate condition.								
	Doors	Paintwork failing to base of door.	Rub down and repaint.	3	0469			£ 500.00		
	General	Partially visible due to storage – room not fully inspected. This is a potential health and safety issue as items are stored in close proximity to high voltage distribution boards.	Remove storage items to designated storage space.	1	0461	£ 300.00				
R0.41	Walls	Wall adjacent to accumulator tower flue is damp - brickwork full of salts.	Brush off salts and replace any severely deteriorated brick units. Further investigation needed into accumulator tower flue to fix issues with ventilation / associated damp and prevent possible water ingress.	1	0991 - 96	£ 1,000.00				
Cleaner's Room	Floor	Vinyl floor. Heavy amount of brick dust evident.								
	Ceiling	Steel joists showing signs of rust - could be related to defects within accumulator tower flue adjacent.	Further investigation into cause required. Rub down and repaint to prevent further deterioration.	1	0997 - 98	£ 1,500.00				Provisional allowance
					1001 - 02					
	General	Partially visible due to storage – room not fully inspected.			0999 - 1000					
R0.42	Walls	Painted brick - damp at low level due to concrete and impervious paint.	Brush off salts and replace any severely deteriorated brick units. Ensure conditions adequate for lift motor room and upgrade as required if improved conditions required.	2	0985 - 86		£ 500.00			
Lift Motor Room	Floor	Concrete in serviceable condition.								
	Ceiling	Concrete, covered in services so not fully inspected.								
	General	Did not enter room as high voltage area, observations taken from doorway.								
	Walls	Plasterboard, fit for purpose.								
	Floor	Vinyl floor, fit for purpose.								
Corridor Space Adjacent Quarantine Room	Ceiling	Painted joists, appear to be in adequate condition.			0836					
		Ceiling is covered with MEP and therefore difficult to inspect.								
	General	Area is assumed to form part of building evacuation route, however it is currently full of storage.	Review fire evacuation strategy and ensure all evacuation routes are clear of storage.	1		£ 500.00				
R1.01		Glazed bricks, traditional brick above. Modern partition wall adjacent and modern brick lift shaft and plasterboard partitions.			0620					
Community Gallery & Event Space		Glazed brick suffering from damage in areas.	Carefully repair and / or replace as required to maintain aesthetic value of room. Appropriate repair / replacement to be specified by specialist or conservation architect as the glazed bricks are an historically significant aspect of the room.	4 / C	0627 - 32				£ 2,500.00	Provisional allowance
		Historic brickwork, damaged by corroding trusses at high level. Extensive salts to east plinths which are related to water ingress issues / external defects.	Brush of salts and replace any substantially damaged bricks. Remediate external defects to prevent issues recurring.	2	0633 - 34		£ 2,000.00			Provisional allowance
		Noted there is a reflective tile at high level, assumed to be structure markers.	Confirm purpose and review if anyone is monitoring these / if records are available..	2	0636		£ 1,000.00			Risk allowance for replacing tiles
		Signs of water staining adjacent roof, water coming through gutter as evidenced by salts and staining.	Clear out external gutters on a regular basis - refer to external schedule. Brush of salts and replace any substantially damaged bricks.	2	0637		£ 1,000.00			
		Salts and staining to northeast corner. Movement evident as there is fresh cracking where there is evidence of previous repairs having been undertaken.	Structural Engineer to review.	1 / C	0635	£ 2,000.00				Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		Water marks / run off where external gutters are failing.	Clear out external gutters on a regular basis - refer to external schedule. Brush of salts and replace any substantially damaged bricks.	2	0638-39		£ 250.00			
		Modern brickwork appears adequate.	Would be aesthetically beneficial to take out wall fixings and repair.	4	0641				£ 400.00	
	Walls (Lower Level)	Hairline crack in alcove runs from high level to top of bricks at ground level.	Fill and monitor	3				£ 500.00		
		Plasterboard- slightly dirty with imperfections but is otherwise adequate.								
		Northwest corner and north wall heavy with salt damage and water staining which is likely to relate to issues with external gulley built into wall above.	Refer external schedule. This needs to be addressed as priority, Structural Engineer to review and provide input into repair.	1 / C	0666	£ 3,000.00				Provisional allowance due to variable scope subject to outcome of further investigations once access is available

		Rusting evident to plate of tie bars.	Prudent to be reviewed by Structural Engineer to ensure still performing as intended. Assuming okay structurally, rub down and repaint to avoid further deterioration.	1 / C		£ 3,000.00				Risk item for any remediating any structural elements
		Movement to brickwork at high level, appears to have been patched up. This is likely to be associated with issues with the external gulleys and rusting lintel externally above.	Remediate external defects (refer external schedule) and monitor for further movement / cracking.	2			£ 2,000.00			Provisional allowance
		'Fire beam' directly beneath where high levels of water penetration is occurring.	Ensure fire detection tested and operational. Clean equipment.	1	0665	£ 1,000.00				
		Crack and small amount of movement to window infill, lost mortar.	Repoint cracking and any open joints in lime mortar. Monitor for further movement.	2			£ 1,000.00			
		Previous haphazard repair in inappropriate mortar.	Consider renewal in appropriate materials to improve aesthetics.	4					£ 500.00	
		Movement around steel cut off adjacent to walkway, appears to be corroding at point embedded in masonry.	Corrosion likely as a result of water ingress issues above. Consider removal to prevent further damage to brickwork. As a minimum rub down and repaint steel.	2			£ 2,000.00			
		Metal trusses embedded in north wall, there is a high chance that they are corroding given external defects / water ingress above.	Open up surrounding masonry with a Structural Engineer and check integrity of existing trusses.	1 / C	0664	£ 5,000.00				Provisional allowance due to variable scope subject to outcome of further investigations once access is available
	Floor	Concrete polished finish floor. Some minor cracking but in serviceable condition.	Would aesthetically benefit refinish.	4	0621 - 26				£ 1,500.00	
		Some damage adjacent storage door, damage to glazed door threshold.								
	Ceiling	Timber boarding has what appears to be residual white paint on from previous decoration scheme.	To be confirmed as part of any future re-roofing works. It would be prudent to assess and confirm condition of joists above, to check for signs of dry or wet rot should roof be opened up.	1 / C	0662 - 63	£ 5,000.00				Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		Salt and water staining indicates leaking near downpipe outlet.	Clear outlets and repair / renew as required (see external schedule for priorities). Rub down salts and clean staining once external defects resolved.	3				£ 500.00		
		Original trusses are of high historic and aesthetic importance. Junctions between timber and metal trusses showing signs of rust. Trusses have slim profiles therefore will be vulnerable to losing structural integrity as a result of rusting.	Prudent for a Structural Engineer to review, especially where embedded into the wall, before rubbing down and repainting. Any repair work should be undertaken in a sensitive manner.	1 / C	0670 - 72	£ 15,000.00				Provisional allowance, extent of structural work unknown pending review by engineer
		Cracking to timber purlins where metal trusses intersect with timber.	Structural Engineer to assess. As a minimum rub down and repaint rusting metal to avoid further deterioration.	1 / C		£ 2,000.00				
	Windows	Windows are in a poor state of repair and need to be fully overhauled (see external defects schedule). Metal bowing to high level/ clerestory windows. Frames deformed at base and not all shut properly. Ventilation mechanism no longer functioning.	Any repair work should be undertaken in a sensitive manner. In conjunction with overhaul and upgrading of windows, it would be beneficial to reinstate the opening mechanism to allow for improved ventilation.	1		£ 10,000.00				Provisional allowance, extent of repair works unknown
		The top rooflights appear to be a modern replacement system and therefore less significant. Generally appear sound (see external schedule for any specific issues noted).	There is more of an opportunity to replace this element of the atrium with a double -glazed system to improve environmental performance..	4					£ 2,400.00	
		Timbers under windows showing signs of water staining in areas.	Overhaul windows to ensure water tight and check timbers beneath for any evidence of rot in conjunction.	1		£ 2,500.00				
		Windows to the atrium roof appear to have a clear strip at the top of the panes, indicating that the panes may have slipped down revealing part of glass that was originally concealed by the top bar of the frame.	When high level access available assess atrium rooflights further to ensure stable and watertight.	1		£ 15,000.00				Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		It appears that structural works may have taken place to the apex beam as there appear to be screws in the base and new steel plates (or these are possible areas where former paint has not been removed).	Provide high level access / record of previous structural works to review and establish if any previous interventions have taken place.	3				£ 10,000.00		Provisional allowance due to variable scope subject to outcome of further investigations once access is available
		Original trusses and high-level windows are of high historic and aesthetic importance.	Any repair work should be undertaken in a sensitive manner. If the windows are upgraded, it would be beneficial to reinstate the opening mechanism to allow for improved ventilation.	3	0669			£ 1,950.00		
	Rainwater goods	Outlet comes through building then goes out again to hopper which is not ideal as there is an increased risk of both internal leaks and blockages.	In conjunction with any re-roofing project look to revise detail so outlet sits fully outboard of building.	3				£ 1,000.00		Provisional allowance due to variable scope subject to outcome of further investigations once access is available
	General	It was noted the radiators were on high heat, but the space still felt cool. The building is probably losing a lot of heat through the atrium, therefore potential for upgrading fabric should be reviewed in conjunction with any associated repair project.		4					£ -	
		Industrial machinery not inspected as part of this survey, however it is noted that heavy equipment is suspended above an open event space which could be a health and safety hazard if structural bearings are weak. This also applies to the hoist mechanism at high level on the lift shaft.	Structural Engineer / industrial heritage specialist to assess.	1 / C	0646	£ 5,000.00				Provisional allowance for any repairs required following review by engineer
					0679					
R1.02	Walls	Painted plaster, paint blown on south wall probably due to unbreathable paint and hygroscopic gypsum.	Consider removal of paint and plaster and re-plaster in lime-based mix to allow breathability and prevent damp issues.	3	0942			£ 700.00		
Store		Lower level obscured by storage – not inspected.			0939 -40					
					0944					
	Floor	Vinyl, fit for purpose.								

	Ceiling	Plasterboard - appears to be in adequate condition.								
	Doors	Lower part of former external door obscured by storage.	Allow for removal of storage for full inspection.	2	0944		£ 500.00			
	General	Historic machinery - fixing integrity unknown.	Allow for specialist to assess, should be checked regularly to prevent injury from falling objects.	1 / C	0943	£ -				
		Reported that leak coming in from meeting room above but no evidence at time of inspection.	Address cause of leak to meeting room above. Monitor for signs of leaking once addressed to ensure not caused by an alternative defect.	2			£ 2,000.00			Provisional allowance
R1.05	Walls	Plasterboard, painted plaster, some modern exposed brickwork and some historic brickwork. Generally serviceable. Some holes in brickwork.	Would be beneficial to repoint holes in lime mortar mix.	3	0651			£ 350.00		
Education Room		Minor cracking to paintwork.	Fill and repaint.	3				£ 500.00		
	Floor	Vinyl non-slip floor, marked and slightly scuffed but is otherwise adequate. Some of the floor is partially obscured from view.			0652					
	Ceiling	Suspended plasterboard in adequate condition.								
	Doors	Intumescent strips and damaged smoke seals around door to store room suggest this should be a fire door, however there is no label and appears to be permanently propped open.	Check fire strategy and compartmentation lines. Ensure all fire doors meet regulatory requirements.	1	0655	£ 2,000.00				Provisional allowance for any repairs required following review by engineer
		Glazed door showing signs of wear, scuffs to powder coating but generally in serviceable condition.								
	General	Cupboards showing signs of wear but fit for purpose of the room.								
		Noted that hot and cold stopcocks in this room. Paint flaking from pipes and signs of corrosion below.	Would be beneficial to repaint pipes to protect against corrosion. Ensure any highly corroded sections of pipe are replaced to prevent future leaks / bursts.	2	0653		£ 15,000.00			
		Localised red dust, assumed to be brick dust- unclear where originating from as ceiling above appears in adequate condition. Assumed to be from previous works carried out in the room.	Clean up dust. Monitor and investigate if more dust appears.	2	0654		£ 300.00			
		Storeroom cannot be fully inspected due to amount of storage obscuring view.	Clear storage to allow for inspection.	2	0656		£ 300.00			
R1.07	Walls	There is a gap at high level, meaning the room is not fire protected.	Check fire strategy and compartmentation lines. Upgrade fabric as required.	1		£ -				
Electrics Store	Doors	Doors are not fire doors and the lock is broken.	Check fire strategy and compartmentation lines. Upgrade fabric as required.	1		£ -				
	General	The room is labelled as 'cleaning materials' however there are lighting and electricity boxes in this room which could be a health and safety hazard.	Check fire strategy and compartmentation lines. Upgrade fabric as required. It would be prudent not to use the room as storage and to keep the door locked.	1		£ -				
R1.08	Walls	Tile and plaster in adequate condition.								
Disabled Toilet	Floor	Tile floor in adequate condition.								
	Doors	Minor cracking to door.	Would be beneficial to repaint.	4					£ 500.00	
	General	Appears to be fit for purpose, except that there is not contrasting toilet seat and nappy bin is probably blocking the space needed for a wheelchair turning circle.	Consider replacing with contrasting toilet seat and ensuring enough space for wheelchair turning circle.	3				£ 1,000.00		
R1.09	Walls	Exposed brick - appears to be very damp / wet to east wall. Cause unclear, assumed to be due to unventilated accumulator tower flue adjacent, flashing issue or could be due to blocked external gutters.	Further investigation required to ascertain cause of damp problems and remedial action required to prevent water ingress.	1	0961	£ 5,000.00				Provisional allowance for any repairs required following review by engineer
Changing Exhibition Room		Hole in steelwork - assumed to be from previous services.	Assume structurally viable as hole made in web of beam, however would be prudent for structural engineer to check.	3	0966			£ -		
		Cracks in brickwork.	Structural Engineer to review.	1 / C		£ 1,000.00				Provisional allowance for any repairs required following review by engineer
		Ferrous fixings in wall.	Prudent to remove as when they rust they also expand causing damage to the masonry.	3	0955 - 57			£ 500.00		
		Band of bricks blown and have salts along wall, reason unclear.	Further investigation required as to why this specific band of brick is deteriorating quicker than others. Allow to replace brick severely deteriorated brick.	2	0961 - 0962		£ 1,500.00			Provisional allowance for any repairs required following review by engineer
	Floor	Timber- floorboards damaged from damp / leaking.	Remove storage to allow for further inspection of area. Replace damaged floorboards as required.	2	0950		£ 1,000.00			
	Ceiling	Underside of water tank, some rust in areas, otherwise appears to be in adequate condition.	Rub down and repaint to prevent further deterioration.	2	0953		£ 500.00			
		Steel on top of padstone has been cut off.	Structural Engineer to review acceptable and tank above has adequate support.	1 / C	0960	£ 3,000.00				Provisional allowance for any repairs required following review by engineer
	General	Noted there was a humidity monitor which was reportedly not picking up the dampness of the walls.	Remove if redundant and replace if humidity in room needs to be monitored.	3	0958			£ 500.00		
R1.10	Walls	Plasterboard at low level, exposed brickwork appears damp.	Ascertain cause of damp and rectify as required.	2			£ 1,000.00			
Object Store		Band of bricks blown and have salts along wall, reason unclear.	Further investigation required as to why this specific band of brick is deteriorating quicker than others. Allow to replace brick severely deteriorated brick.	2	0965		£ 1,500.00			Provisional allowance for any repairs required following review by engineer
		Hole in steelwork- assumed to be from previous services.	Assume structurally viable as hole made in web of beam, however would be prudent for structural engineer to check.							

	Floor	Timber - difficult to inspect due to amount of storage.			0964					
	Ceiling	Underside of water tank, some rust in areas, otherwise appears to be in adequate condition.	Rub down and repaint to prevent further deterioration.	3	0967			£ 500.00		
					0970					
		Steel on top of padstone has been cut off.	Structural Engineer to review acceptable and tank above has adequate support..	1 / C	0970	£ 3,000.00				Provisional allowance for any works required following review by engineer
R1.11	Walls	Plasterboard at low level, exposed brickwork appears damp.	Ascertain cause of damp and rectify as required.							
Clean Exhibition Prep		Band of bricks blown and have salts along wall, reason unclear.	Further investigation required as to why this specific band of brick is deteriorating quicker than others. Allow to replace brick severely deteriorated brick..	2	0965		£ 1,000.00			Provisional allowance
		Damage to bricks at junction between steel and brick wall.	Structural Engineer to review. Rub down and repaint steel to provide corrosion protection and replace damage brickwork as a minimum.	1 / C	0973 - 74	£ 1,000.00				
		Ferrous fixings in wall.	Prudent to remove as when they rust they also expand causing damage to the masonry.	3	0971			£ 500.00		
	Floor	Timber- dust debris along brick wall.	Clean up and monitor for further dust / deterioration.	M	0969			£ 300.00		
	Ceiling	Underside of water tank, some rust in areas, otherwise appears to be in adequate condition	Rub down and repaint to prevent further deterioration.							
		Water tank appears to be sat on top of breeze blocks.	Structural Engineer to review providing adequate support.	1 / C		£ 2,500.00				Provisional allowance for any works required following review by engineer
R1.12	Walls	Plasterboard and brick - some timber boarding at high level to top east wall is rotten in areas- cause is unclear and may be historic damage.	Ascertain whether rot is historic or being caused by current defect. Address defect as required and renew rotten boarding.	2			£ 2,000.00			Provisional allowance for any works required following review.
Exhibition		Rust to beam where corroding pipe is on junction of east wall.	Ensure corroded pipe is not leaking and replace sections as required if so. Rub down and repaint beam.	1		£ 1,000.00				
		Junction of north wall and ceiling cannot be inspected because of boarding out for exhibition spaces.	Would be beneficial to allow for ladder access to allow for inspection.	3				£ 1,000.00		
	Floor	Wood strip flooring- some areas of damage where visible however generally difficult to inspect due to amount of storage items.	Allow for removal of storage for full inspection.	3	0709 - 10			£ 300.00		
		Debris on floor from brickwork where exposed, actively spalling.	Requires further investigation into cause.	3				£ 500.00		Provisional allowance for any works required following review.
	Ceiling	Water tank underside to part of ceiling, steel joists to water tanks, exposed timber joists under the Conference Room. Heavily obscured by MEP.			0709 - 10					
		Water staining to steel beams underneath northmost water tank, unclear if this is historic.	Monitor for further signs of staining / water penetration. It would be prudent for structural engineer to confirm beams remain in adequate condition.	2 / C	0702 - 04		£ 2,000.00			Provisional allowance for any works required following review by engineer
	General	High amount of MEP in this room, not inspected as part of the survey but it is noted that there is excessive corrosion to the underside of pipes which could cause leakages if they are carrying water (unclear whether pipes are just part of historic system).	Allow for inspection by MEP specialist and replace any severely corroded sections of pipe that may cause a leak.	2 / C	0705 - 07		£ 1,000.00			Provisional allowance for any works required following review by engineer
		Larger pipes relating to water tanks running across to room - assumed to all be redundant and capped off.	Check if water tank pipework is redundant and capped off.	2	0708		£ 1,000.00			Provisional allowance for any works required following review by engineer
	Walls	Plasterboard - adequate with a few scuff marks			0713					
Lobby Off Exhibition	Floor	Non-slip vinyl floor- in serviceable condition with some scuff marks.			0713					
	Ceiling	Plasterboard with MEP. Currently not adequately fireproofed as not adequate amount of intumescent paint on exposed steel.	Subject to compartmentation plans, the room should be fireproofed as is an escape lobby. Review fire strategy and carry out upgrades as required.	1	0711 - 12	£ 2,000.00				Provisional allowance for any works required following review by engineer
	Door	Intumescent strip appears to be missing.	Subject to compartmentation plans, the room should be fireproofed as is an escape lobby. Review fire strategy and carry out upgrades as required.	1	0714	£ 2,000.00				Provisional allowance for any works required following review by engineer
Disabled Refuge Lobby	Walls	Plasterboard- adequate with a few scuff marks								
		Gaps where cable trays intersect walls - not fireproofed.	Assume room should be fireproofed as it is a refuge lobby. If there was a fire, due to no fireproofing in this room, the fire could spread to the water tank and cause it to collapse. Review fire strategy and compartmentation and carry out upgrades as required.	1		£ 3,000.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
	Floor	Non-slip vinyl floor- in serviceable condition with some scuff marks.			0716					
	Ceiling	Steel work with no fire protection.	Assume room should be fireproofed as it is a refuge lobby. Assumed that if there was a fire, due to no fireproofing in this room, the fire could spread to the water tank and cause it to collapse. Review fire strategy and compartmentation and carry out upgrades as required.	1	0715	£ 1,500.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
	General	Agricultural boarding to MEP with seal to joint, reason unclear. MEP not assessed as part of survey.	Replace MEP boarding as required to give adequate fire protection.	1	0716	£ 2,500.00				
		Noted there is an evac chair in this area.	It is critical that this room is fireproofed if it is acting as a refuge lobby.	1	0716	£ 1,000.00				
R1.13, R1.14	Walls	IPS cladding, in adequate condition.								
WCs	Floor	Vinyl non-slip floor, in serviceable condition.								

	Ceiling	Plasterboard- in adequate condition. Above ceiling, rubbish and debris can be seen from walkway above.	Consider clearing rubbish and debris to improve aesthetics	4					£ 250.00	
	General	No contrasting toilet seat. Sanitaryware not inspected as part of survey.	Consider adding a contrasting toilet seat.	3				£ 500.00		
		Noted that pipework from water tank runs through accessible toilet.	Monitor for leaks if pipework still retains water.	M	0763			£ 500.00		Allowance for repairing ay leaks
R1.16	Walls	Painted plasterboard. Majority of walls obscured by shelving. Appears to be fit for purpose.								
Shop	Floor	Vinyl, generally in adequate condition except for some scuff marks.								
	Ceiling	Plasterboard - in serviceable condition.								
	General	Entrance to reception desk- cables and leads causing a trip hazard. Daisy-chaining between extension cables.	Would be beneficial if alternative arrangement sought. Daisy chaining a likely fire hazard and should be reviewed as part of fire risk assessment.	1	0768 - 70	£ 5,000.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
R1.17, R1.24	Walls	Mixture of plasterboard and glazing - appears to be in adequate condition.								
Entrance Foyer and Entrance Lobby	Floor	In adequate condition except for a few scuffs. Floor patched poorly where security shutter located.	Where security curtain is located, could be aesthetically benefit from improved detail.	4	0764 - 65				£ 500.00	
		Barrier mat to main entrance appears adequate.	It is noted that current guidance advises to avoid dark coloured entrance floors, to help people with spatial awareness difficulties - such as those with dementia.	3	0766			£ 500.00		
	Ceiling	Plasterboard - appears adequate except for holes and damage where sprinkler has been removed.	Address damage and Infill hole.	3	0767			£ 200.00		
	General	Noted the security curtain runs between entrance foyer and orientation stairs.	Should be made clear that nothing should be stored or left underneath where the curtain falls.	M	0764		£ 300.00			
R1.18	Walls	Painted plaster- appears to be in adequate condition.			0771					
Reception	Floor	Minor damage to vinyl floor, footprint marks showing from when laid.			0771					
	Ceiling	Plasterboard- appears to be in adequate condition.			0771					
	General	Noted that refuge point phone is in this location.			0772 - 73					
R1.19	Walls	Plasterboard walls appear adequate - expanding foam visible.								
Hoist Room	Floor	Non-slip vinyl floor- in adequate condition.								
	Ceiling	Steel joists- not fire protected.	Review fire strategy and compartmentation lines and carry out upgrades as required.	1		£ 1,500.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
	General	Unclear if the shaft is fire protected / needs to be fire protected.	Review fire strategy and compartmentation lines and carry out upgrades as required.	1		£ 4,000.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
R1.21	Walls	Plasterboard - cracking adjacent to door.			0777					
Security Staff ITC Hubs	Floor	Full of storage, difficult to fully inspect.								
	Ceiling	Adequate condition, showing signs of wear.			0778					
	Doors	Temporary cable coming from comms mains door, cannot be shut.			0780					
	General	Full of storage, difficult to fully inspect room.	Room should not be used for storage.	3				£ 1,000.00		
R1.22	Walls	Crack emanating from door frame, assumed to be cause of door slamming rather than structural.	Fill and monitor for signs of worsening. Consult engineer if crack becomes worse.	2	0782		£ 500.00			Allowance for filling crack and a risk allowance for any further repair works that may be required
Medical Room	Floor	Full of storage, difficult to fully inspect.			0781					
	Ceiling	Adequate condition.								
	General	This is marked as 'medical room' on plan however the room is currently being used for storage. Full of storage, difficult to fully inspect room.	Clarify function of room, remove storage items if to operate as a medical room.	3				£ -		
R1.23	Walls	Plasterboard in adequate condition.								
Lobby	Floor	Vinyl in adequate condition.								
	Ceiling	Plasterboard in adequate condition.								
R1.25, R1.27, R1.30	Walls	Painted plaster appears adequate.			0801 - 02					
Café and Bar/ Servery and Lounge		Some minor hairline cracks to column.	Refinish, monitor for further cracks.	3	0804			£ 1,800.00		
	Floor	Adequate, some minor scuff marks and sign of wear.	Would benefit replacement when funds permit.	4	0801 - 02				£ 2,000.00	
	Ceiling	In adequate condition.								
	Windows	External glazing appears adequate.			0801					
Conference Room adjacent to Café	General	Was not surveyed as was occupied throughout inspection period.	Allow access for visual inspection	3				£ 1,000.00		Provisional Risk allowance for any works required following inspection
R1.26	Walls	Plasterboard - fit for purpose.								
Café Mezzanine	Floor	Vinyl floor - fit for purpose.								
	Ceiling	Painted profiled ceiling (assumed concrete joists).In adequate condition.								
	Doors	Marked as a fire door, however no intumescent or smoke strips present.	Review fire strategy and compartmentation lines. Provide upgrades as required.	1	0825	£ 2,000.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
	General	Noted that ductwork runs through this space, and that a lot of heavy equipment is stored at mezzanine level.	Ensure structural capacity of the floor is adequate to hold heavy equipment. If this is not known consult structural engineer.	2 / C	0823 - 24	£ 10,000.00	£ -			Risk allowance for if any structural works are required.
R1.28	Walls	Whiterock cladding, generally fit for purpose.			0806 - 07					
Kitchen	Floor	Vinyl floor appears adequate for purpose. Staining in some areas, difficult to clean.	Would benefit replacement when funds permit.	4	0810				£ 2,000.00	
	Ceiling	Whiterock cladding, generally fit for purpose.			0806 - 07					
	Doors	Door D158 does not shut properly, damaged threshold strip. Door D159 maglock does not connect.	Repair door and threshold and replace maglock to ensure fire safety.	1	0808 - 09	£ 2,000.00				

	General	Appears to be no fire shutter/ curtain although a fire curtain control panel is present. Would expect for there to be one to hatch in wall?	Review fire strategy and compartmentation lines. Provide upgrades as required.	1	0811	£ 10,000.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
R1.29	Walls	Whiterock cladding, generally fit for purpose.			0814 - 15					
Wash Area	Floor	Vinyl floor appears adequate for purpose.			0814 - 15					
	Ceiling	Whiterock cladding, generally fit for purpose.			0814 - 15					
	Doors	Seals to fire door are worn.	All fire doors to be checked and repaired as required.	1	0812	£ 3,000.00				
	General	Room is generally fit for purpose with some minor defects, broken light.	Replace broken light.	3	0813			£ 300.00		
R1.31	Walls	Plasterboard - damaged in areas where previous fixings in wall.	Infill and repaint holes.	3	0786 - 87			£ 250.00		
Store	Floor	Non-slip vinyl floor - wet due to mops.			0785					
	Ceiling	Suspended plasterboard - some damage.	Replace plasterboard.	3	0788			£ 1,200.00		
	General	Room is currently used to store cleaner equipment and products. This could be a health and safety issue given there are distribution boards in here.	Store cleaner equipment and products in a separate room without electrics / voltage.	1	0783	£ 150.00				
R1.32	Walls	In adequate condition.			0775					
Quiet Room	Floor	In adequate condition.			0775					
	Ceiling	In adequate condition.			0775					
	General	Exposed pipes visible.	Prudent to ensure do not get very hot and apply protection if so, to protect children using the room.	1		£ 400.00				
Power Distribution Room (Above Bin Store)	Walls	Painted brick, 2no cracks emanating from steel at ceiling level.	Structural Engineer to review.	2 / C	1051		£ 500.00			
	Floor	Carpet - dirty and not suitable for function of the room.	Consider removal and replacement with more practical alternative.	4	1056				£ 1,000.00	
		Steps appear to be rotten with spongy timbers.	Allow to take up carpet to assess. Take care when using steps until fully assessed as could be health and safety hazard.	2	1056		£ 500.00			
	Ceiling	Plasterboard - some damage evident.	Further investigation required, repair.	2	1052		£ 1,300.00			
	Door	Door onto flat R12- threshold and lintel showing signs of damage.	Remove loose concrete to lintel and replace, overhaul door.	2	1042 - 44		£ 2,000.00			
	Windows	2no. windows to south side appear to be in better condition than the others.	Consider overhaul of older windows.	3	1053- 55			£ 5,000.00		

FIRST FLOOR										
R2.01	Walls	Painted plaster. Lower third of wall obscured by tarpaulin. Not fully inspected. Damaged in area of leak.	Repair and redecorate damaged areas once leak addressed	3	0421			£ 1,000.00		
Conference Room		Current plaster is gypsum, inappropriate in historic building due to hygroscopic properties.	Consider removal of paint and plaster and re-plaster in permeable lime based plaster to allow for moisture to escape from walls.	4					£ 600.00	
		Inappropriate vent at high level.	Consider replacing with more sympathetic alternative.	4	0426				£ 500.00	
	Floor	Carpet, tarpaulin covers approximately one third of the area after high amount of water leakage. Area not fully inspected.	Replace if water damaged once leak addressed	3	0421			£ 600.00		
	Ceiling	Suspended ceiling hiding original ceiling above, not appropriate for historic listing of building.	Consider permanent removal of suspended ceiling.	4	0428				£ 1,000.00	
		Ceiling is black with mould where leaks have occurred.	Remove and replace ceiling tiles which are mouldy.	2	0428		£ 1,000.00			
					0429					
		Ceiling void space above suspended ceiling not inspected.	It would be prudent to allow for opening up of the suspended ceiling to investigate the ceiling concealed behind, especially given the high amount of water ingress into this room.	1	0428	£ 500.00				Provisional allowance for any works arising following further inspections once access is available
	Windows	Lower windows obscured by tarpaulin. Upper windows appear serviceable.	Allow for inspection of lower windows	3	0421			Included		
		Poor secondary glazing detail to external windows.	Secondary glazing could be improved to sit in frame of window. The secondary glazing to the internal window should be used as a precedent.	4	0434				£ 1,250.00	
	General	Tarpaulin and buckets to catch water is not an ideal permanent solution.	Clear out external gutters on a regular basis to prevent more leaks - refer to external schedule, and empty buckets regularly as now full and overflowing.	1	0422	£ 200.00				
		Leak adjacent to phone line and electrics.	Ensure safe prior to use.	1	0424	£ 100.00				
		Light fixing hanging off wall.	Re-fix light fitting. Ensure safe prior to using.	1	0427	£ 200.00				
R2.02	West Walls	Salt staining. Assumed to be no ventilation within the accumulator tower flue adjacent to west wall which is probably very damp internally and causing high amount of salt damage. Roof flashings / coverings at this junction may also be failing (see external schedule)	Allow for investigation as to whether access into accumulator tower flue is possible for inspection/ remediation. Fix underlying defects and brush of salts on a regular basis until wall has dried out. Replace any substantially damaged bricks.	2	0403		£ 1,000.00			
Art Installation		Dark at high level even with torch, timber walkways obscure vision. Current access appears unsafe, metalwork is rusting where bears into wall. Timber showing signs of decay where bearing into wall.	Upper level requires proper and improved access for maintenance that meets current regulations. Metalwork and high level structural timber to be inspected when high level access available and reviewed by structural engineer as required.	1 / C	0404	£ 1,000.00				Provisional allowance for any works arising following further inspections once access is available
& Breakout		Fire alarm equipment at high level, unclear how this is being maintained and checked regularly.	Check whether this is part of current system and that it is in full working order if so.	1		£ 5,000.00				Risk allowance in the event that the fire alarm system needs to be repaired / replaced.
Space		Poor patch repairs, inappropriate mortar.	Consider renewal in appropriate materials to improve aesthetics.	4	0419				£ 1,000.00	
		Fire equipment/ board in northwest corner is full of brick debris and surrounded by salts.	Clean and brush off salts on a regular basis and ensure no damage is caused to fire equipment/ board.	1	0406 - 07	£ 500.00				

	South Wall	Salts prominent at high level, assumed to be linked to defects with gutters above (see external schedule).	Clear out gutters on a regular basis and carry out repairs as required.	1	0413 - 14	£ 200.00				
		Later added vents are inappropriate for listed building.	Consider renewal with more sensitive alternative to improve aesthetics.	4	0418				£ 2,500.00	
	East Wall	Some salt staining.	Brush of salts and replace any substantially damaged bricks. Remediate external defects to prevent issues recurring.	2	0412		£ 1,000.00			Provisional allowance extent of required remedial works unknown
		Embedded steel - assumed now redundant.	Would be beneficial to carefully remove redundant embedded steel to all walls to prevent ferrous metal expanding and causing damage to surrounding masonry. As a minimum rub down and paint to prevent corrosion. Structural Engineer to clarify steels are now redundant.	3	0418 - 19			£ 3,000.00		Provisional allowance due to variable scope pending review by structural engineer
		Modern steel lintels in adequate condition, however mortar repairs are less than satisfactory.	Consider renewal in appropriate materials to improve aesthetics.	4					£ 2,000.00	
	Walls	Steel plates holding historic guides heavily rusted, some screws are missing, loose to guides.	Remediation for fixings and stability to be checked by specialist to ensure safe.	1 / C		£ 2,000.00				Provisional allowance due to variable scope pending review by structural engineer
	Floor	Timber - a vast amount of brick dust is reported to be cleaned on a weekly basis. Damp / water ingress issue above causing this and it will continue until defects are resolved and walls have dried out.	Rectify defects and clear out external gutters on a regular basis to prevent more leaks - refer to external schedule. Clear brick dust on a regular basis. It would be prudent to sand down and refinish floor when defects are resolved.	2			£ 2,500.00			Provisional allowance extent of required remedial works unknown
	Ceiling	Dark at high level even with torch, timber walkways obscure vision.	Upper level requires proper and improved access for maintenance that meets current regulations. High level structural timber to be inspected when high level access available and reviewed by structural engineer as required.	1 / C		£ 2,000.00				Provisional allowance due to variable scope pending review by structural engineer
		Timber boarding showing major signs of water staining.	Needs full investigation when high level access available as likely rotten joists beyond timbers. Would be prudent to carry out in conjunction with any re-roofing works.	1	0405	£ 2,000.00				Provisional allowance due to variable scope pending review by structural engineer
		Purlins adjacent west wall showing particularly high level of water staining and possible rot at ends.	Should be checked as part of high-level survey with structural engineer in attendance. Would be prudent to carry out in conjunction with any re-roofing works.	1 / C	0408 – 09	£ 2,000.00				Provisional allowance due to variable scope pending review by structural engineer
		Salt damage to trusses.			0411					
	Windows	There are various windows at high level on the north, west and east elevations, visibility is obscured from vantage point available however the dampness of the surrounding brickwork suggests that the timber frames will be susceptible to rot.	Allow for high level inspection and remediation works as required.	2	0404		£ 1,000.00			Provisional allowance extent of required remedial works unknown
	Walls	Salts and water staining to masonry - refer to Upper Level notes of R1.01Community Gallery & Event Space. High water penetration active as evidenced by presence of water bucket.								
		Electric conduit rusting, not clear if electricity is running through conduit.	Clarify electrical systems safe before use – heavy damp in this area.	1		£ 500.00				
		Crack running from ceiling to the south wall.	Repoint and monitor – consult structural engineer if worsens.	2 / C			£ 1,000.00			Provisional allowance due to variable scope pending review by structural engineer
		Corroding metal embedded in wall.	If metal is redundant consider removal to prevent expanding rusting metal causing damage to surrounding masonry. As a minimum rub down and re-paint to prevent further corrosion.	3				£ 800.00		
		Less than satisfactory repair around balustrade wall fixing for Grade II listed building.	Consider replacement with more in-keeping repair	4					£ 3,000.00	
R2.03 and R2.04		Bricks damaged, appears to have been some movement and some have become dislodged at ceiling level.	Further investigation required with structural engineer in attendance.	1 / C		£ 1,000.00				Provisional allowance due to variable scope pending review by structural engineer
Lift Lobby		Masonry is displaced around beam which appears to be corroding.	Structural engineer to review and advise. As a minimum rub down and repaint to prevent further corrosion.	1 / C		£ 1,000.00				Provisional allowance due to variable scope pending review by structural engineer
	Floor	Appears to be in adequate condition expect for a few scuff marks. Cork infill starting to come out.	Sand down and refinish, refix cork infill.	4	0661				£ 600.00	
	Ceiling	Timber boards - remnants of what appears to be previous white paint (rather than salts) in areas..	It would be prudent for a Structural Engineer to assess and confirm condition of joists above, to check for signs of dry or wet rot, in conjunction with any re-roofing works.	2 / C	0662 - 63		£ 1,000.00			
		Cracks in timber adjacent to trusses, metal expanding causing damage to brickwork.	Structural engineer to review and advise. As a minimum rub down and repaint to prevent further corrosion.	1 / C		£ 1,000.00				Provisional allowance due to variable scope pending review by structural engineer
		Ceiling fixings adjacent to west wall appear to have corroded, timbers are peeling away from ceiling here.	High level access required for further investigation / to make sure timbers are not liable to fall.	1		£ 5,000.00				Provisional risk allowance for possible remediation subject to further investigations.
R2.06		Mixture of plasterboard and exposed brick. Painted plaster with some minor damage and scuffs.								
Conference Room		Steel columns holding steel roof trusses up. Columns surface showing signs of rust.	Rub down and repaint.	2			£ 500.00			
		Substantial crack emanating from where steel truss intersects wall down to upper corner of window W303.	Structural Engineer to review.	1 / C	0689	£ 1,000.00				Provisional allowance due to variable scope pending review by structural engineer
		Numerous small holes in wall.	Would be aesthetically beneficial to replace brick or repoint in suitable mortar.	4					£ 300.00	
		Poor previous mortar patch repair.	Rake out and repoint in suitable mortar.	4					£ 600.00	
		Problems with damp associated with asphalt platform externally which is causing issues with water damage and staining internally to brick.	Refer to external roof schedule R09 and R10. Brush of salts and replace any substantially damaged bricks. Remediate external defects to prevent issues recurring.	2			£ 2,500.00			

	Walls	There have been previous issues around truss ends, evidenced by poor mortar and brick repairs. This is likely related to corrosion of trusses embedded in wall as a result of damp conditions.	Rectify external defects to ensure walls are dry. Allow for opening up and checking of truss ends in wall with structural engineer in attendance.	1 / C		£ 2,000.00				
		Ferrous fixings in walls.	Prudent to remove as when they rust they also expand causing damage to the masonry.	3				£ 1,000.00		
		Salt staining to west wall potentially external flashing has failed.	Refer to external elevation schedule. Brush of salts and replace any substantially damaged bricks. Remediate external defects to prevent issues recurring.	2			£ 2,500.00			
		West wall - brickwork damaged where steel enters wall.	Rectify external defects to ensure walls are dry. Allow for opening up and checking of truss ends in wall with structural engineer in attendance.	1 / C		£ 2,000.00				Provisional allowance due to variable scope pending review by structural engineer
		New brick to base of south wall column, reason unclear. The brick and mortar is a poor match for the existing fabric.	Replace brick and mortar with a more sympathetic repair.	4					£ 1,500.00	
	Floor	Timber - worn but adequate. Numerous floor hatches not inspected a part of survey.								
		1no. board out of place, minor damage and scuffs however is serviceable.	Refix board, sand down and refinish.	4					£ 300.00	
	Ceiling	Timber boards- remnants of previous white paint visible (rather than salts).	It would be prudent for a Structural Engineer to assess and confirm condition of joists above, to check for signs of dry or wet rot, in conjunction with any re-roofing works.	2 / C			£ 2,000.00			Risk allowance for any remedial works to the timber joists
		Purlin to north side appears to have split; metal brackets have been added and it is noted these do not seem to have moved. Shakes in purlins and ridge beam previously been filled - assume past remediation dealt with defect.	Monitor for further defects	M						
		Eaves to north and south walls showing heavy amount of rot – cuboidal shapes indicate brown rot. There are signs of previous attempts to remediate this indicating this has been a long-term issue and is likely due to the external gutters being blocked causing water ingress to the timber and masonry at eaves level.	Overhaul gutters and clear out on a regular basis to prevent more leaks. High level access required to inspect with structural engineer as priority and replacement / repair of eaves beam where rotten to be undertaken. It would be prudent to carry out these works in association with any associated re-roofing works so full access is available to structural timbers.	1 / C	0691 - 92	£ 5,000.00				Provisional allowance pending further investigations
	Windows	West modern window difficult to inspect, area partially visible and access not available. West modern window appears to have casements behind a fixed secondary glazing pane.	Allow high level access onto mezzanine area to allow for more thorough inspection. Would be more beneficial from an aesthetic and maintenance perspective if the protruding window and fixed secondary glazing was replaced with a window that was more aesthetically sensitive to the building.	3	0701			£ 3,000.00		Provisional allowance pending further investigations
		Bottom rails of north and south windows appear to be in adequate condition, however, should be checked more thoroughly when high level access available.								
		Secondary glazing to north and south windows has been fixed to the original frames, therefore condition of original frame cannot be assessed as view obscured.	Allow for temporary removal of secondary glazing to allow for inspection (or alternatively provide high level access externally).	3	0700			£ 1,000.00		
	Doors	Damage to fire door, smoke seals are damaged to door.	Subject to compartmentation plans, the room should be fireproofed as is an escape lobby. Review fire strategy and carry out upgrades as required	1		£ -		£ 5,000.00		Provisional allowance due to variable scope subject to outcome of fire strategy review
		2no. doors at west side of the room at high level not able to be inspected from vantage point available.	Would be beneficial to allow for access to mezzanine to facilitate inspection.	3	0683			£ -		
		Crack in window above door D203. Film assumed to have been placed on because glass is cracked.	Would be beneficial to replace with glazed pane when funds permit.	3	0695 - 98			£ 3,000.00		
	General	Air handling unit runs across the room, not inspected as part of this survey.			0683					
R2.07	General	Was not inspected as access not available at the time of survey.								
Store										
R2.08	Lower Level Walls (Ground Floor)	Stone- spalling in areas.	Remove any loose as required. Consider repairs to improve aesthetic appearance.	3				£ 1,000.00		
Walkway		West wall consists of the walls of the water tank- appears to be in adequate condition. Evidence of some leaking adjacent to walls of the historic building, this is unsurprising given the amount of standing water in the tanks.	Ensure water tanks adequately draining and sealed at perimeter. Brush down stone where leaks appearing and ensure any associated defects dealt with	2			£ 3,000.00			Provisional allowance, extent of repairs required unknown pending further investigations.
		Some staining to lead below water tank and there is a flashband repair at wall of water tank and original building which evidences some form of leaking at some point.	Ensure water tanks adequately draining and sealed at perimeter. Remove flashband and deal with leak in appropriate manner if still active.	2			£ 3,000.00			Provisional allowance, extent of repairs required unknown pending further investigations.
		Tanks decoration generally adequate however rust can be seen coming through in isolated areas.	Consider rub down and redecorate if becomes more prominent.	3				£ 500.00		
		Perimeter crack to joint between water tank and wall, assumed to be differential movement.	Monitor to ensure does not become worse	M		£ 1,000.00				
		The beam the water tank sits on is exposed, the end appears to be significantly corroded. Stone has been blown due to steels supporting water tank rusting and expanding.	Structural engineer to review to ensure beam still sound enough to carry tank. Would be aesthetically beneficial to treat steel and indent repair where stone has blown. Any loose stone to be dressed back or removed to prevent injury.	1	0757 - 61	£ 2,500.00				Provisional allowance due to variable scope pending review by structural engineer
		Hatch in wall not accessed.								
		South wall has a large amount of salts visible at the head of the wall - suggests water penetration which is unsurprising given the state of gutter above. Damp causing mortar issues.	When issues with the roof are remediated, brush off salt. Allow wall to dry out fully. Repoint with suitable mortar as required.	3				£ 500.00		

	South Wall	Lightning strip comes internally on south wall. Unusual to see lightning protection through internal areas.	Check compliance.	1		£ 300.00				
		Open joints at string course.	Would be beneficial to repoint, however not performing weathering function so aesthetic consideration only.	4					£ 1,000.00	
	East Wall	East wall- structural glazing and plasterboard. Appears adequate.								
	Ground Floor	Black vinyl, scuffed but in serviceable condition.								
	Walkway Floor	Timber, worn in areas but appears to be adequate.	Consider re-finishing to improve aesthetics	4					£ 1,300.00	
		Cork infills starting to come up in areas, especially adjacent balustrade.	Would be prudent to re-fix.	3				£ 750.00		
	Ceiling	Painted plasterboard, appears to be adequate, evidence of patched up leak to centre.								
	Windows	Window at high level appears adequate, what appears to be a membrane has slumped down.	Clean window. Investigate defective membrane and remediate as required.	3				£ 1,500.00		Provisional allowance, extent of remedial works unknown pending investigations.
		Adjacent window in northwest corner showing signs of significant water damage, paint has failed, and plaster is disintegrating. Failure of plaster at ceiling. Defects with gutters at roof level are causing this.	When issues with roof are remediated (see external schedule), repair areas of damaged plaster and redecorate.	3				£ 2,000.00		
	Doors	Door does not shut properly. Appears to have smoke seals but no intumescent and door is not fire rated.	Overhaul so closes. Check compartmentation lines, it would be expected for this wall to be a compartment line and door to be fire rated, however none of the elements of the wall appear to be fire rated.	1		£ 1,500.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
R2.09	Walls	Painted plasterboard, minor hairline cracking.	Fill cracks and monitor for recurrence	3				£ 500.00		
Orientation / Introduction	Floor	Wooden floor, appears adequate.								
	Ceiling	Painted plasterboard appears adequate.								
	General	Riser door locked and not inspected.								
R2.11	Walls	Painted plasterboard. Majority of walls are covered with exhibition and can only be partially inspected. Perimeter between the walls and ceiling finish is less than satisfactory with expanding foam and patched material with what appears to be insulation poking out in areas, however it is apparent the extension was built like this and not necessarily a defect.								
Exhibition		Fire exit sign is peeling off.	It is important to refix this and ensure signage complies with relevant guidelines.	1		£ 250.00				
		Services appear to be patched in haphazardly.	Ensure any patched in services are not compromising compartmentation lines	1		£ 500.00				
	Floor	Carpet tiles and lino floorboards. Carpet tiles lifting in areas- mainly at the perimeter.	This is not a major trip hazard however should be refixed or replaced where necessary.	3				£ 750.00		
		Noted that air handling units are embedded into the floor. Not inspected as part of this survey.								
	Ceiling	What appears to be exposed joists, finish failing in numerous areas, particularly around the perimeter. Reason for this is unclear given there are no signs of water penetration above and is not restricted to a localised area. Potentially, the substrate was not adequately prepared to receive finish when it was applied.	Review finish and substrate and ascertain whether areas can be rubbed down and re-painted to improve aesthetic appearance.	4					£ 1,000.00	
	General	Large air handling vent from Riser 8. Not clear if dampers are present. MEP not inspected as part of this survey.	Clean vent grille. Ensure compartmentation lines not compromised by MEP equipment.	1		£ 250.00				
		Riser – unclear if should be fully compartmentalised from rest of spaces (walls appear to be compromised if so)	Would expect riser to be fire-proofed – check compartmentation lines and carry out remedial works as required.	1		£ 3,000.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
R2.12	Walls	Plaster, minor cracking from head of the door to stair 8 and to corner between north and west wall, not of immediate concern.	Fill cracks and monitor for recurrence	3				£ 1,000.00		
Lobby	Floor	Carpet, appears adequate.								
	Ceiling	Paint flaking substantially to joists, indicating damage caused by water in ceiling void, unclear how to inspect area. Corresponding dust and on carpet suggests this has happened recently rather than historic.	Allow for further investigation to establish if active leak is causing visible damage. Rectify as required and repair damage to internal finishes.	1		£ 2,000.00				Provisional allowance, extent of remedial works unknown pending investigations.
	General	MEP goes through wall in various points, does not appear to be fire proofed for a protected lobby. Evac chair and call button in this location.	Check compartmentation lines and carry out remedial works as required.	1		£ 2,000.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
		Fire extinguisher inspection is up to date.								
R2.13	Walls	Painted plaster - crack emanating from northwest corner spanning from structural beam above. Appears that this issue has been addressed historically as there is a patch repair under the beam.	Prudent to fill and monitor to see is cracks reappear.	3				£ 1,000.00		
Stair 9 Lobby	Floor	Vinyl floor, scuffed and dirty but appears adequate.								
	Ceiling	Painted steel beams / joists, peeling could suggest either issues with water ingress or lack of adequate preparation when finish was first applied. No evidence of leaking in the plant room above...	Review finish and substrate and ascertain whether areas can be rubbed down and re-painted to improve aesthetic appearance.	4					£ 1,500.00	
	General	MEP protruding through walls with expanding foam, not clear if adequately fireproofed for a fire protected lobby.	Check compartmentation lines and carry out remedial works as required.	1		£ 1,000.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
		An evac chair is present however there appears to be no call-point.	Check if call point required in this area or if dealt with as part of management strategy.	1		£ 5,000.00				
R2.14	Walls	Plaster walls- hairline cracking at perimeter of	Fill cracks and monitor for recurrence	3	0978			£ 1,000.00		

Living History,	Walls	wall.	Fill cracks and monitor for recurrence	3	0970			£ 1,000.00		
Changing Room &	Floor	Carpet, adequate.			0977					
Store	Ceiling	Plasterboard, adequate.								
SECOND FLOOR										
R3 Plant Room	Walls	Blockwork, plywood boarding and plasterboard. In serviceable condition.								
	Floor	Concrete- painted. Wearing where heavy traffic.	Would benefit repaint with suitable non-slip masonry paint.	3				£ 1,500.00		
	Ceiling	Exposed joists and structure – painted. Appear serviceable .		1						
	Doors	Door is wedged open. This is a health and safety issue. Note door has vent within it – assume these are fire rated if a fire door.	Should be kept shut for fire protection purposes as marked as a fire door. Check door fully compliant to required rating.	1		£ 1,500.00				Allowance for replacing existing fire door
	General	Room full of MEP including boilers. Not inspected as part of this survey.								
R3.01	Walls	Brick, lift shaft is brick and plasterboard. Some minor damage to lift shaft but not of immediate concern.								
Lift Lobby		Salts to walls. Walls appear to be comparatively better condition at apex level than at gutter level, as they have not been affected by the blocked gutters. Refer comments to R1.01 for detailed comments of main walls.								
		Previous repairs inappropriate in terms of brick match and mortar.	Consider rake out and renewal with more appropriate repair	4					£ 1,000.00	
	Floor	Timber- heavily worn.	Would benefit rub down and re-stain.	3				£ 500.00		
	Ceiling	Timber boarded, previous white paint remnants visible on boards (as opposed to salts). Refer comments to R1.01 for detailed comments of main ceiling.								
		Beam ends where intersect wall rusting - structural integrity unclear, tie bar plates are also heavily rusting.	Structural engineer to review.	1 / C		£ 5,000.00				Risk allowance in case repair works are required to beams.
	Doors	Fire beam appears to be full of dust, unclear if this has been tested recently/ on a regular basis. The fire beam on the southmost side does not appear to be wired up to anything.	Check if this is redundant, if so would be beneficial to remove.							
	General	Area is generally very dusty / dirty.	Clean on regular basis.	M					£ 300.00	
R3.02	Walls	Plasterboard - minor hairline cracks in numerous places.	Repair, monitor for further cracking.	3	0685 - 86			£ 800.00		
Plant Room Lobby	Floor	Timber, highly worn.	Would benefit refinish.	3	0684			£ 800.00		
	Ceiling	Refer to Conference Room R2.06 notes.								
R3.07	Walls	Predominantly covered with exhibitions, difficult to inspect. Painted plaster where visible, appears to be in adequate condition.								
Exhibition	Floor	Carpet and lino boards / panels with vents for air handling system built in (note not inspected as part of survey). Appears to be in adequate condition.								
	Ceiling	What appears to be exposed joists. Evidence of water staining to north wall (assumed historic).	Monitor staining to north wall and review if historic or active.	M						
		When inspected with a torch, staining to significant portion of underside of profiled metal boarding sheeting. Unclear what this is without high level inspection. Assumed to be paint splatters from time of construction and not of immediate concern.	High level access needed to inspect fully.	3				£ 2,000.00		
		Ceiling partially suspended and hatches not accessed as part of this survey.								
	Rainwater goods	Tray has been retrofitted across west side and exhibition room, reportedly due to continual downpipe leaking above to catch water. Note that tray has no outlet, and it is reliant on staff using a 'rubber duck' system to empty the tray when full, which poses serious risk of water falling onto exhibitions below if not managed effectively.	A more permanent fix to the rainwater goods above the tray should be sought so that a management system is not relied on to continuously empty the overflow tray below.	2			£ 8,000.00			Provisional allowance, extent of remedial works unknown pending investigations.
R3.08	Walls	IPS panels and tiles, generally in adequate condition. Dirty to perimeter between wall and floor.	Clean regularly.	M						
Disabled WC	Floor	Tiled generally in adequate condition, except dirty.	Clean regularly.	M						
	Ceiling	Suspended ceiling. Hatch not inspected but appears to be in adequate condition.								
	General	Sanitaryware appears adequate, would be preferable to have a contrasting toilet seat. DDA fittings appear adequate, some wear and tear.	Consider replacing toilet seat with contrasting	3				£ 1,000.00		
R3.09	Walls	Painted plaster board, appears adequate apart from scuffs and minor hairline cracking.	Fill cracks and redecorate	4					£ 1,000.00	
Lobby	Floor	Vinyl floor, appears adequate but heavily worn and scuffed.	Consider replacement	4					£ 2,500.00	
	Ceiling	Plasterboard, appears adequate. 2no. hatches not inspected as part of this survey.								
	General	Foam fire extinguishers - inspection in date.	Inspect on regular basis	M						
R3.10	Walls	Painted plasterboard, is scuffed but appears to be in adequate condition.								
CS Office	Floor	Carpet stained but appears in adequate condition.	Consider replacement	4					£ 1,200.00	
	Ceiling	Plasterboard. Appears to be in adequate condition.								

	Windows	Fixed external windows, not allowing ventilation. Dirty.	Clean regularly. It is noted that lack of natural ventilation in this room makes the space very hot. Consideration should be given to enhancing mechanical ventilation to improve working conditions.	2			£ 5,000.00			
		Internal window appears in adequate condition.								
R3.11	Walls	Painted plaster - appears to be in adequate condition.								
Conservation Studio	Floor	Anti-slip vinyl, appears to be in adequate condition apart from some staining.								
	Ceiling	Suspended ceiling - appears to be in adequate condition, except for minor hairline cracks to joints in boarding.								
	Windows	Fixed internal window appears to be in adequate condition.								
		Fixed external windows not providing ventilation appear in adequate condition, would benefit clean.	Clean regularly. It is noted that lack of natural ventilation in this room makes the space very hot. Consideration should be given to enhancing mechanical ventilation to improve working conditions.							
	General	Reportedly air handling not working properly which is not adequate for conservation work (however MEP systems not inspected as part of this survey).								
R3.12	Walls	White plasterboard, some minor hairline cracks.								
Dyeing and Analysis Room		Walls to void above partially inspected where roof collapsed - plasterboard. 1no. board lost fixings. Note this board is on a riser wall which would be assumed to be a compartmentation wall.	Fix back loose board. Check compartmentation lines and ensure fabric meets minimum standards.	1		£ 2,500.00				
		South wall adjacent to riser - gap seen in wall and does not appear fire protected. Assume wall should be a compartmentation wall.	Check fire protection strategy and compartmentation lines. Ensure fabric meets minimum standards.	1		£ 2,500.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
	Floor	Anti-slip vinyl, appears to be in adequate condition apart from some staining.								
	Ceiling	Suspended plasterboard. Ceiling has collapsed due to recent leak from water pipe which has now been fixed. Evident metal sections holding suspended ceiling up have been cut. No trimmers around access hatch into ceiling.	Repair ceiling, ensuring all necessary trimmers etc. are in place.	3				£ 2,300.00		
		Void above partially inspected where roof collapsed - exposed joists appear to be in adequate condition from vantage point.								
R3.13	Walls	Painted plasterboard appear to be in adequate condition.								
Banner Store		Access hatch and vent into riser, with 2no. air handling pipes penetrating riser. Unclear if wall and associated MEP fire proofed to relevant standards. .	Check fire protection strategy and compartmentation lines. Ensure fabric meets minimum standards.	1		£ 3,000.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
	Floor	Vinyl floor appears to be in adequate condition. Difficult to inspect for amount of items in the room.								
	Ceiling	Plasterboard - appears to be in adequate condition.								
	General	Environmental monitoring present in room but data not analysed as part of survey.								
R3.16	Walls	Painted plasterboard. Dirt and scuffs visible however appears sound.								
Cleaner's Room	Floor	Non-slip vinyl floor, some scuffs visible but adequate.								
	Ceiling	Plasterboard appears in adequate condition. Minor damage around air handling outlet. Hatch not inspected as part of survey. Poor patch repair where pipework protrudes the ceiling.	Check fire protection strategy and compartmentation lines. Ensure fabric meets minimum standards.	1		£ 1,000.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
	General	Cleaner's sink in this room which is serviceable with working taps. The room is being used to store picture frames rather than as a cleaner's room. Distribution board is also in here – water and electrical items should be separated. Items should not be stored with distribution board.	Check fire protection strategy and compartmentation lines. Ensure fabric meets minimum standards. Room should ideally be free from storage items.	1		£ 1,000.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
PLANT ROOM LEVEL FLOOR										
R4.01	Walls	Mixture of painted plaster and unfinished boarding and blockwork. Adequate for purpose.								
Plant Room		Unfinished boarding has been taped but the tape has failed to joints. Unclear if this forms a compartmentation line.	Review fire safety strategy and compartment lines. Ensure fabric meets minimum standards.	1		£ 1,000.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
		Exposed foam visible between ceiling and wall, unsightly but not of concern.								
	Floor	Concrete with structural beams exposed. Water staining - refer to rainwater goods notes.								
		Rust powder and staining on floor below pipe but no evidence of leaking. Reason unclear.	Could be related to a previous defect - investigation and further monitoring required.	3				£ 1,200.00		
	Ceiling	Water staining - refer to rainwater goods notes.								
		Ceiling predominantly obscured by MEP, exposed joists. Adequate for purpose. .								
	Rainwater goods	Water staining to ceiling boards and on floor below internal gutter joints.	Check regularly for leaks when raining. Carry out any remedial works as required.	1 / M		£ 1,000.00				Provisional allowance extent of remedial works unknown.

	Rainwater goods	Internal downpipe running length of plant room.	Check regularly to ensure no leaking. Carry out any remedial works as required.	1 / M		£ 1,000.00				Provisional allowance extent of remedial works unknown.
	General	Access hatch in floor not inspected as part of this survey.								
		Room full of MEP including boilers. Not inspected as part of this survey.								
R4.02	Walls	Exposed insulation and louvre venting to outside. No apparent weather protection on louvre, which could be allowing water ingress.	Provide access to mezzanine area to undertake full assessment. Review when raining to ascertain whether water ingress an issue. Upgrade as required.	2			£ 5,000.00			Provisional allowance extent of required upgrades unknown.
(Plant Room - Stepped up area)	Floor	Not visible	Provide access to mezzanine area to undertake full assessment.	3				£ 1,000.00		Provisional risk allowance
	Ceiling	Exposed structure, plywood boarding below gutter and exposed roof cladding. All partially visible.	Provide access to mezzanine area to undertake full assessment.	3				£ 500.00		
	Rainwater goods	Internal downpipe enters building here, water staining around entry point and to other areas of boarding around the gutter. Not clear if a present or historic issue.	Check regularly for leaks, especially when it next rains. Carry out any remedial works as required.	1 / M		£ 2,000.00				Provisional allowance extent of remedial works unknown.
	General	Mezzanine area accessible without ladder - inspection very limited.								
		MEP not inspected as part of this survey, however in a number of areas insulation has lost its foil backing.								

PLANT ROOM LEVEL FLOOR										
Hoist Shaft/ Banner Lift	Walls	Plasterboard walls appear adequate - expanding foam visible at ground floor.			0790 - 91 0975 - 76					
	Floor	Non-slip vinyl floor- in adequate condition.								
	Ceiling	Steel joists- not fire protected.	Review fire strategy and compartmentation lines.	1	0789	£ 2,000.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
	Rainwater goods	At basement level, internal downpipe sits above the hoist control panel. There is a risk if this leaks it could damage the control panel.	Check regularly to ensure it is not leaking.	1 / M	0847 - 48	£ 500.00				
	General	Unclear if the shaft is fire protected.	Review fire strategy and compartmentation lines.	1	2500	£ 3,000.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
Orientation Stair	Floor	Timber- heavily worn.	Would benefit refinish.	4					£ 300.00	
	Windows	In adequate condition.	Would benefit clean.	4 / M					£ 300.00	
	General	The stairs have open risers which do not conform with current building regulation guidance.	Consider infilling the open risers and review the stair balustrades to bring design in line with current building regulation guidance.	3				£ 10,000.00		
		Evac chair present however there is no call point in this location.	Review fire strategy and confirm whether call point required or being dealt with as part of management strategy	1		£ 1,500.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
Riser 1	General	Not clear if vent has dampers and if ceiling junction is sealed. Unclear if there is fire protection between the exhibition and riser.	Review fire strategy and compartmentation lines. Carry out fabric upgrades as required.	1		£ 1,500.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
Riser 2	General	Structure running into riser penetrating wall, not clear if this is adequately fire stopped / protected.	Review fire strategy and compartmentation lines. Carry out fabric upgrades as required.	1		£ 1,500.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
Riser 3	General	Unclear if there is fire protection between the exhibition and riser.	Review fire strategy and compartmentation lines. Carry out fabric upgrades as required.	1		£ 1,500.00				Provisional allowance due to variable scope subject to outcome of fire strategy review
Stair 3	Walls	Damp issues with brick at low level. Salts to wall, especially adjacent to neighbouring building. Assumed that there is not adequate air between the two buildings.	Brush off salts on a regular basis, replace any substantially damaged bricks.	2 / M	1026 - 28		£ 2,000.00			
	Floor	Painted concrete - in serviceable condition.								
	General	Stairs have open risers which are not compliant with current building regulations.	Consider infilling open risers to bring design in line with current building regulation guidance.	3	1025			£ 10,000.00		Provisional allowance
Stair 4	Walls	Plasterboard and exposed brick - fit for purpose.			0904					
	Floor	Stone flags and steps in serviceable condition.								
	Ceiling	Plasterboard - crack to bulkhead.	Fill and monitor, if reoccurs allow for inspection by Structural Engineer.	2 / C	0905	£ -	£ -			
	General	It was noted that there is a DDA call point here but no evac chair.	Review fire strategy and confirm whether call point required in this location or being dealt with as part of management strategy.	1	0906	£ 2,000.00				
Stair 5 (Fire Escape Stair off R1.12)	Walls	Inappropriate choice of brick and mortar repair.	Consider replacement with appropriate alternative, although noted back of house area	4	0725 0728 - 29				£ 1,100.00	
		Steels embedded in wall rusting with residue at the bottom. Corrosion and residue at the bottom of the steels suggests active leaking from water tank above.	Remediate leaks. Rub down steel and redecorate as a minimum. It would be prudent for Structural Engineer to review condition.	2 / C	0726 - 27		£ 500.00			
		Heavy leak to beam evidenced by presence of several buckets to catch the water and heavy amount of corrosion. This is concerning as the water tank above is currently holding water rather than free draining.	Remediate defects to water tank to prevent standing water and leaks. Allow for Structural Engineer to inspect beam and confirm adequacy. Rub down and repaint as a minimum.	1 / C	0736	£ 5,000.00				
		Steel beam at junction between wall and water tank heavily rusted.	Allow for Structural Engineer to inspect beam and confirm adequacy. Rub down and repaint as a minimum.	1 / C	0742 - 43	£ 5,000.00				
		Bricks appear to have fallen on west wall behind beam.	Establish where brick rubble originated from and carry out any repairs as required. Clear area prior to painting of beams.	2	0737 - 38		£ 1,000.00			
		Water damage to plaster. Water appears to be originating from same leak where buckets have been placed under the beam and is tracking across.	When leaks have been remediated repair plaster.	4	0723				£ 2,500.00	
		Plasterboard failing where wet.	When leaks have been remediated repair plaster and redecorate.	4	0744				£ 2,500.00	
	West Wall to Water Tank 02	Salts, paint flaking from steels, water leaks evident.	Remediate defects to water tank to prevent standing water and leaks. Allow for Structural Engineer to inspect metalwork and confirm adequacy. Rub down and repaint as a minimum.	1 / C	0740 - 41	£ 5,000.00				

		Mixture of stone flags and timber steps.								
	Floor	Timber steps heavily water damaged to west side. Steel underneath timber is also heavily rusting.	When leaks have been remediated repair steps. Structural engineer to confirm area structurally sound in conjunction.	2 / C	0717 - 19		£ 750.00			
		Insulation assumed to be plugging gap between the stairs and the walls- reason for retrofit is unclear.	Consider improving detail in conjunction with repair of steps.	3	0720 - 22			£ 3,500.00		
	Ceiling	Brick bulk head to stair, spanning from east to west.			0724					
		Original ceiling underdrawn in areas, heavily stained and presence of salts.	When leaks have been remediated repair water damaged areas.	2	0739		£ 2,300.00			
	Windows	Crack to glazing. Frames appear to have rotted away due to heavy water ingress. Metal sections heavily corroded. Timbers embedded into wall between window frame and wall are also rotten.	Windows require complete overhaul and redecoration, with all rotten / rusting sections replaced as required and all cracked glazing renewed.	1	0747 - 54	£ 20,000.00				
	Door	Ground floor - appears to be allowing water to leak in as there is rot to the base of the door and water staining.	Overhaul / repair and redecorate door. Improve detail to prevent water ingress beneath.	2	0745 - 46		£ 1,800.00			
	Walls	Painted plaster- crack behind fire door to west wall at ground floor and evidence of water staining (assumed historic).	Monitor staining to ensure does not worsen. Fill in crack, monitor for signs of further cracking.	2 / M	0819		£ 1,000.00			
	Floor	Vinyl floor - in serviceable condition.								
		Timber floor to upper floor levels - generally sound but heavily worn.	Would benefit refinish.	4					£ 1,000.00	
	Ceiling	Plaster - in adequate condition.								
	Windows	In adequate condition.	Would benefit clean.	4 / M					£ 300.00	
Stair 7	Doors	Threshold to door D151 is poor, timber beneath vinyl is rotten. Water staining at the top of door indicates water ingress.	Would benefit introducing a more robust threshold strip and repair the door.	2	0820 - 22		£ 500.00			
	General	Ground floor is full of storage.	Check if this is a fire escape route and remove storage if so.	1	0816 0818	£ -				
		The stairs have open risers, and handrails which do not conform with current building regulation guidance.	Consider infilling the open risers to bring in line with current building regulation guidance. If replacement handrails are sought, they should be in keeping with the aesthetic of the existing building.	3				£ 15,000.00		
		Guarding may have been compliant at time of construction however may now not conform with current building regulation guidance.	Review stair balustrade design, in line with current guidance.	3				£ -		
	Walls	Painted plaster in adequate condition.								
		Drip marks to internal wall adjacent to riser, cause unclear but appears to have been patched up with expanding foam above.	Review fire strategy and compartmentation lines. Carry out fabric upgrades as required.	1		£ -				
		Marks on wall above radiator at first floor.	Clean.	4					£ 300.00	
	Floor	Vinyl floor with contrasting nosing to stairs - in serviceable condition.								
		Floor water stained at first floor landing.								
	Ceiling	Plaster and exposed joists - in adequate condition.								
Stair 8 (Kitchen Stair)		Paint to joists at second floor is flaking, suggesting leak from internal downpipe (refer to note below) is extending to other areas of this void.	When leak is fixed (see below), rub down and re-paint joists.	4					£ 600.00	
		Flaking paint to ceiling at first floor, assumed to be historic defect.	Rub down, repaint.	4					£ 600.00	
	Windows	In adequate condition but dirty.	Would benefit clean.	4					£ 300.00	
	Rainwater goods	Internal downpipe protruding into suspended ceiling to stair showing signs of leaking.	Ascertain if leaking and repair as required.	2			£ 1,000.00			
	General	Full of storage at basement level.	Check if this forms part of fire strategy escape route - ideally stairs should not be used for storage and remove to allocated storage space.	1	0841 0842	£ 500.00				
		DDA call point but no evac chair at second floor.	Review fire strategy and install evac chair if required.			£ 1,500.00				
		Plasterboard - minor hairline crack.	Infill cracks and monitor for further movement.	3				£ 1,000.00		
	Walls	At plant room level, south wall appear to have rust stains from ceiling level at a number of points, indicating leak at perimeter of extension roof, however there are no signs of defect from above so likely historic.	Monitor and ascertain if staining gets worse	M						
		Slight gap between stair and wall, appears to have been constructed this way rather than a defect.								
		At plant level - cracking to northeast corner at first and second floor.	Fill and monitor for re-occurrence of cracking.	3				£ 1,000.00		
		North wall at first floor left unfinished below beam and brickwork partially exposed.								
	Floor	Vinyl non-slip floor down to street level, 1no. stair run missing vinyl with exposed concrete and imperfections at base of stairs.	Consider installing vinyl covering where missing.	4	0793 - 95				£ 6,000.00	
Stair 9	Ceiling	Paint peeling to ceiling joists in areas at basement level, assumed due to low room temperature.	Allow for further investigation into ceiling joist material and prepare / redecorate as required	4	0845 - 46				£ 2,000.00	
		Water ingress to ceiling at landing between ground floor and first floor, causing skirting board to rot.	Further investigation required as to cause of leak, replace skirting board once leak remediated.	2	0979 - 81		£ 2,400.00			
		Second floor - Some hairline cracking at perimeter between wall and ceiling, not of immediate concern.	Fill and monitor for re-occurrence of cracking.	3				£ 1,000.00		
		At plant level- exposed joists. No signs of defects. 50mm bowing to perimeter finish in northeast corner, appears to have been constructed this way rather than a defect.	Monitor to ensure no further bowing	M						

	Windows	In adequate condition but windows and sills are dirty.	Would benefit clean.	4					£ 300.00	
	Doors	Water damage to door threshold at ground floor level.	Renew to improved detail to prevent further damage	3	0796			£ 2,600.00		
	General	At ground floor there is a call point but no evac chair present.	Review fire strategy and confirm whether evac chair required in this location	1	0800	£ 1,500.00				
		Full of storage at basement level.	Check if this forms part of fire strategy escape route- ideally stairs should not be used for storage and remove to allocated storage space.	1	0844	£ -				
		DDA evac point at second floor. DDA call point but no evac chair at first floor.	Review fire strategy – install evac chair if required.	1		£ 1,500.00				
Stair 10	Stairs	The stairs have open risers, and handrails which do not conform with current building regulation guidance.	Consider infilling the open risers and review the stair balustrades to bring in line with current building regulation guidance. If replacement handrails are sought, they should be in keeping with the aesthetic of the existing building	3				£ 25,000.00		

						£ 419,900.00	£ 285,600.00	£ 206,600.00	£ 77,050.00	

Section 4 - New Roof Estimate

Ref	Description	Quantity	Unit	Rate		Total Cost
	Pitched Roof					
	R01; R02 & 2b; R03; R04; R05; R07; R08; R09; R10					
1	Removal of existing roof finish; retain intact tiles (say 30%)	468	m2	30	£	14,040.00
2	Allowance for removal of glazed rooflights	126	m2	20	£	2,520.00
3	Allowance for removal of flashing	175	m	50	£	8,750.00
4	Allowance for removal of gutters/channels (horizontal only)	Incl. above			£	-
5	Allowance for removal of capping's (where required)	1	item	5,000	£	5,000.00
6	Allowance for replacement of roof structure; say 40% new	1	item	30,000	£	30,000.00
7	Allowance for additional structure to accommodate new atrium	1	m2	10,000	£	10,000.00
8	Allowance for new pitch roof; slate finish (70% new / 30% reused); battens; insulation; membrane	328	m2	400	£	131,040.00
9	Allowance for new pitch roof; slate finish (30% reused); battens; insulation; membrane	140	m2	250	£	35,100.00
10	EO allowance for ridge tiles	40	m	70	£	2,800.00
11	Allowance for new rooflights	126	m2	1,200	£	151,200.00
12	Allowance for new flashing	175	m	120	£	21,000.00
	Flat Roof					
	R06 & R06b; R11; R12; R13					
1	Removal of existing roof finish	165	m2	30	£	4,950.00
2	Allowance for removal of flashing	100	m	50	£	5,000.00
3	Allowance for removal of gutters/channels (horizontal only)	Incl. above	m	0	£	-
4	Allowance for removal of capping's (where required)	1	item	1,000	£	1,000.00
					£	-
5	Allowance for replacement of roof structure; say 40% new	1	Item	8,000	£	8,000.00
6	Allowance for new flat roof	165	m2	200	£	33,000.00
7	Allowance for new flashing	100	m	50	£	5,000.00
	Tank Roof					
	Tank 01 to 04					
1	Re waterproofing roof finish (Patch repairs)	275	m2	75	£	20,625.00
2	EO allowance for access (working around plant)	1	item	10,000	£	10,000.00
	Roof R09 & R10 - Platform					
	Low level Asphalt Platform					
1	Allowance for new finish to platforms	1	item	10,000	£	10,000.00
	Gutters / Down Pipes					
	All Roof Areas					
1	Allowance for new gutters/channels; pitched roof	468	m2	75	£	35,100.00
2	Allowance for new gutters/channels (horizontal only)	165	m2	50	£	8,250.00

Section 4 - New Roof Estimate

Ref	Description	Quantity	Unit	Rate		Total Cost
3	Allowance for new hoppers and downpipes	1	item	65,000	£	65,000.00
	Parapets; Repointing/Re build					
	All Roof Areas					
1	Allowance for repairs and rebuild to parapets	1	item	50,000	£	50,000.00
2	Allowance for new capping's / repointing	1	item	20,000	£	20,000.00
	Buddleia removal					
	All Roof Areas					
1	Allowance for removal and localised repairs	1	item	30,000	£	30,000.00
	Lightning Protection					
	All Roof Areas					
1	Allowance for installation of new lightning protection	1	item	20,000	£	20,000.00
	New Maintenance Access					
	All Roof Areas					
1	Allowance for maintenance access & protection	1	item	30,000	£	30,000.00

	Sub Total:	**£**	**767,375.00**
	Preliminaries (15%)	£	115,106.25
	OH&P (8%)	£	61,390.00
	Contingency (20%)	£	153,475.00
	Total Construction Costs	**£**	**1,097,346.25**

Appendix D - Drone Survey by Rigg Tech



Client:	Agilis
Structure:	Roof
Site:	Peoples History Museum
Job No:	GR/10641
Inspection date:	28th November 2024
Originator:	Rigg Tech

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1. Introduction.

Rigg Tech carried out a drone survey of the Peoples History Museum as per the Purchase Order SUB12865 dated the 16th of October 2024.

We attach here our completion report for your consideration and records.

2. Scope of work.

- Supply work at height trained and qualified UAV operator.
- Supply of 4K UHD Drone to carry out survey and condition report of roof including gutters.
- Site have reported water ingress into the building suspected issue perimeter gutters.
- Drone to carry out full survey of the building in 4K UHD.
- Operator to inspect roof slates, ridges, leadwork, coping stones, guttering, downpipes, and Georgian wire glazing.
- Defects to be documented using video and still photography.
- Provision of detailed report highlighting the condition of the roof and all defects identified during the survey.
- Works to take place inside normal working hours 8.00am to 17.00pm.

3. Works Done

Operatives arrived on-site to carry out the drone survey as planned and found the below defects.

- Coping stones – The pointing to the coping stones around the perimeter of the roof has perished with vegetation growing in areas.
- Georgian Wire Glazing – The glazing around the base of the atrium has cracked in various areas with the window frames rotten and falling apart in other places.
- Slipped Slates – 2no. slipped slates were identified, these will require reinstating.
- Gutters – The gutters on the top of the atrium and below the coping stones are blocked and full of vegetation and debris.
  Whilst accessing the area site informed operatives that there is water ingress and it appears to be coming from the gutters.



Red – Coping stone de-vegetation works and pointing.

Yellow – Blocked gutters which require unblocking and investigation for ingress.

Blue – Various areas of damaged to the glazing and frames along the base.

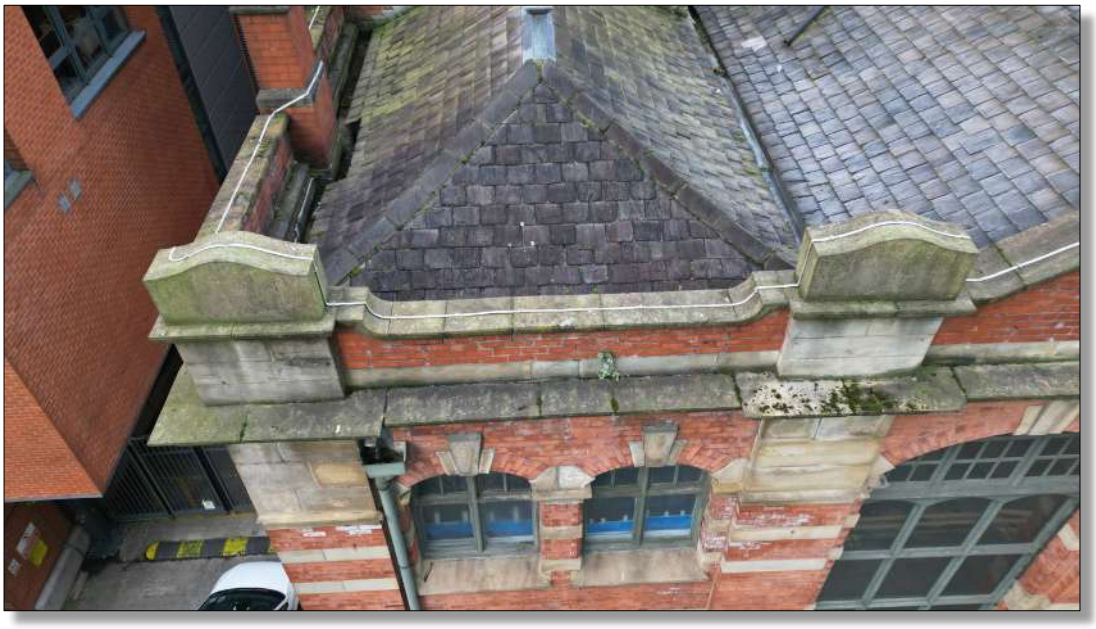
Green – Slipped slates.

4. Recommendations

We would recommend to clean and unblock any outlets to the highlighted gutters and investigate the gutters for potential causes of ingress.

The window frames and glazing along the base has cracked and perished in areas this will require potential repairs and/ or replacement.

Additionally, the coping stone joints have perished and are full of vegetation. This will need removing and the pointing renewing.



⟵ Image No. 1.

Overview of perished coping stone pointing.

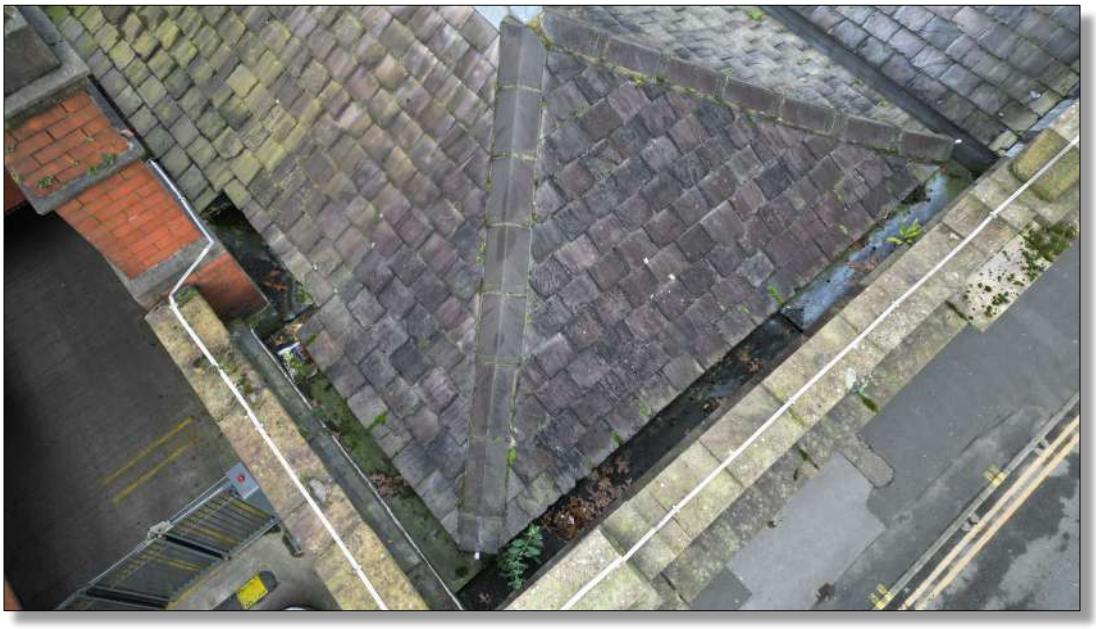


⟵ Image No. 2.

Overview of smaller roof area, gutters full of debris and vegetation.

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⟵ Image No. 3.

Gutter to the smaller roof with vegetation in, growth also on chimney and coping stones.

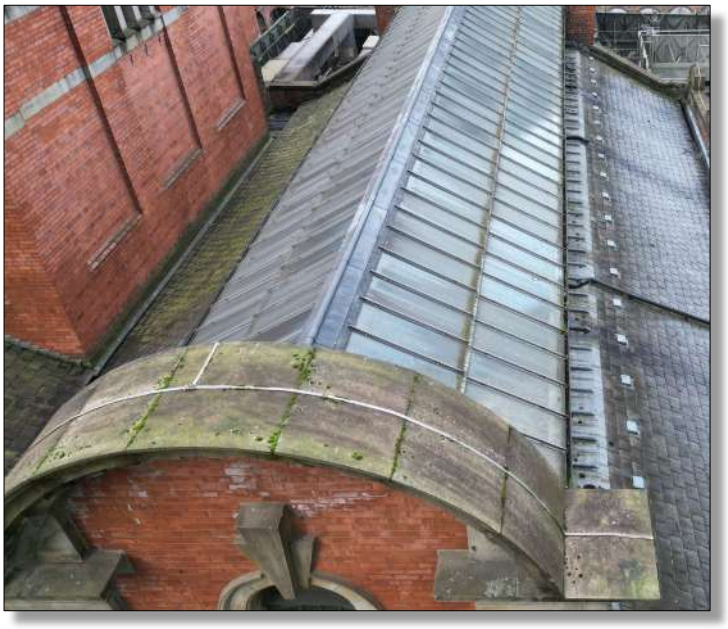


⟵ Image No. 4.

Vegetation growth on parapet wall.

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⟵ Image No. 5.

Overview of perished coping stone joints.



⟵ Image No. 6.

Close review of the coping stone joints with visible moss growth.

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⟵ Image No. 7.

Elevation overview with visible moss growth in gutter and gutter full of debris.



⟵ Image No. 8.

Highlights defect slate and window frame defect.

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⟵ Image No. 9.

Overview of roof.



⟵ Image No. 10.

Roof overview.

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⟵ Image No. 11.

Roof overview.



⟵ Image No. 12.

Roof overview.

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Appendix E - Electrical Installation Report by Calbarrie

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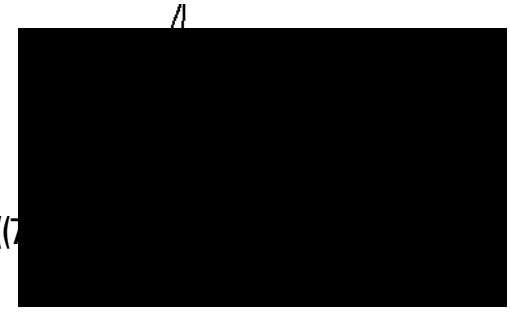
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1G	%y %% zr z % %tty	h	x	%OM1 %4 %652%7 56
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1:B	% yt z y%y zy% y %r yu% %zt z4r s y	TA	x	%OM2M%4 %652%8 56
1:C	%ytt y u% x r uz x% %NM% %N y %r ur u%M A5CDC	TB	x	%OM2N
1:D	%lvsy %zx r % %tyyu y % %y y	TB	x	%OM2N
1:E	%la0n% % y y % u4 % % flz x% yt	TB	x	%OM2N
1:F	%y %% zr z % %tty	h	x	%OM2N%4 %562%8 56

Iq q hgndxh dfxnr vhuyndhg isvmhq w Y4

Wkhr xvhq hgndpdfxnr vhuyndhg isvmhq w 7 1%9 1%9 1% 1%67 1%6 1%7 1%9 1%A 1%AD 1%- 1%A 1%DD 1%65 6 1%65 9 1%65- 1%65C 1%667 1%66A 1%67D 1%695

Iq t vs&hq hr xvhf sq q hr ghg isvmhq w r r %%8A

Fywl hv m&hwnhdxnr vhuyndhg isvmhq w 99 1%DC 1%DD 1%655 1%678

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Rtk ul ffnk lumu1 dmCuj ky gy gvvxuvxogffk ngy hkkt gmui gffkj ffu kgi n ul ffnk uhykx0gffbut y s gj k hkru1 ffu dj oi gffk ffu ffnk vkxyut y xkyvut ydnrk lux ffnk krki ffkoi grd yfgmgffbut ffnk j kmxkk ul &xmkt i 3 lux xks kj ogr gi ffbut	CQDE C Ddr khv Rvhwhr x Unxpt krsxzwi lr r j i nfyj vjyr j i nfqf hyrts vjvzrnyi	CQDE C Rsxhr xrdqp2 Ddr khvsyw Zwj syvjyr j i nfqf hyrts vjvzrnyi	CQDE C Ir uwffjr r j syUj htr r j si j i	CQDE FI Fzwrnj wlsffjxyf fyrts Ujvzrnyi	CQDE NIO Nn nfyrts

Ixhq Ps	Qevhv&dxnar w	Csgh	Thfxrnhg	Nsfdxnar Thihvhr f h
1 iiG 2	1 %v Wt zr z %t tv 2	1 h 2	1 x 2	1 %OMDN%A %Z7AN56 2
1 iiU 2	1 %v Wt zr z %t tv 2	1 h 2	1 x 2	1 %OMDN%A %82N656 2
1 A9 2	1 %W av fNz x r %t vvu v %v 2	1 TB 2	1 x 2	1 %OMDN tt %Oz v 2
				1 %N 2
1 A 2	1 %vu ur %zz x %v v 2	1 TB 2	1 x 2	1 %OMDO 2
1 AA 2	1 %W av fNz x r %t vvu v %v 2	1 TB 2	1 x 2	1 %OMDO 2
1 AD 2	1 %t v %t %Tz i %r r %%OMDr fl 2	1 TA 2	1 x 2	1 %OMDO 2
1 AG 2	1 %aO %v %v v %u4 %v flz x%v t 2	1 TB 2	1 x 2	1 %OMDO 2
1 AD 2	1 %v t z r %z v %%v t vu%uv r v %T r %z r %v %r z %r s v 2	1 TB 2	1 x 2	1 %OMDO 2
1 AE 2	1 %aO %v %v v %u4 %v flz x%v t 2	1 TB 2	1 x 2	1 %OMDOz v %r t fl 2
1 AF 2	1 %v Wt zr z %t tv %v v %r w% flz x%v zv 2	1 h 2	1 x 2	1 %OMDOz v %r t fl%A %62N656 2
1 AG 2	1 %v Wt zr z %t tv %v v %r w% flz x%v zv 2	1 h 2	1 x 2	1 %OMDOz v %r t fl%A %62NA56 2
1 AU 2	1 %v Wt zr z %t tv %v v %r w% flz x%v zv 2	1 h 2	1 x 2	1 %OMDOz v %r t fl%A %62N856 2
1 B9 2	1 %v Wt zr z %t tv %v v %r w% flz x%v zv 2	1 h 2	1 x 2	1 %OMDOz v %r t fl%A %72N656 2
1 B 2	1 %v Wt zr z %t tv %v v %r w% flz x%v zv 2	1 h 2	1 x 2	1 %OMDOz v %r t fl%A %7AN656 2
1 BA 2	1 %v Wt zr z %t tv %v v %r w% flz x%v zv 2	1 h 2	1 x 2	1 %OMDOz v %r t fl%A %7AN856 2
1 BD 2	1 %v Wt zr z %t tv %v v %r w% flz x%v zv 2	1 h 2	1 x 2	1 %OMDOz v %r t fl%A %82N656 2
1 BG 2	1 %v Wt zr z %t tv %v v %r w% flz x%v zv 2	1 h 2	1 x 2	1 %OMDOz v %r t fl%A %8AN656 2
1 BD 2	1 %v Wt zr z %t tv %v v %r w% flz x%v zv 2	1 h 2	1 x 2	1 %OMDOz v %r t fl%A %8AN856 2
1 BE 2	1 %v t t v %r u z x %NM %M A5 QDQ %NM 2	1 TB 2	1 x 2	1 %OMDP 2
1 BF 2	1 %aO %v %v v %u4 %v flz x%v t 2	1 TB 2	1 x 2	1 %OMDP 2
1 BG 2	1 %t t v z r %v z x %z %v %r v 4 u v z r z %r v %Or r x v %v %v %W r fl 2	1 TB 2	1 x 2	1 %OMDP 2

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Rtk ul ffnk lumu1 dmCuj ky gy gvvxuvxogffk ngy hkkt gmui gffkj ffu kgi n ul ffnk uhykx0gffbut y s gj k hkru1 ffu dj oi gffk ffu ffnk vkxyut y xkyvut ydnrk lux ffnk krki ffkoi grd yfgmgffbut ffnk j kmxkk ul &xmkt i 3 lux xks kj ogr gi ffbut	CQDE C Ddr khv Rvhwhr x Unxpt krsozwi Ir r j i nfyj vjyr j i nfqf hyrts vjvzrnyi	CQDE C Rsxhr xdqp2 Ddr khvsyw Zwj syvjyr j i nfqf hyrts vjvzrnyi	CQDE C Ir uwffjr r jsyUjhtr r jsi j i	CQDE FI Fzwrnj vlsffjxyf fyrts Ujvzrnyi	CQDE NIO Nr nfyrts

lxhq Ps	Qevhv&dxnar w	Csgh	Thfxrnhg	Nsfdxnar Thihvhrfh
BH	%w %#r z r z %%ttv %%v%%rw% flzx%vzv	h	x	%OMBR%a%62W6E56
B9	%w %#r z r z %%ttv %%v%%rw% flzx%vzv	h	x	%OMBR%a%62W7E56
C	%&aO %%v v %v4 %% flzx%vt	TB	x	%OMBRd6
CA	%w %#r z r z %%ttv	h	x	%OMBRd6%a%62W7E56
CB	%fl %lzt z% r e v%%rtv	Ze	x	%OMBRd6%a%72W6E56
CC	%w %#r z r z %%ttv	h	x	%OMBRd6%a%-2W7E56
CD	%w %#r z r z %%ttv	h	x	%OMBRd6%a%-2W8E56
CE	%vt jr %% z v v %% %vt vu%uv r v v %%v r t v%%%%v r t v%uz %r v v%Xr uv v%r w	TA	x	%OMBRd6%a%B2W8E56
CF	%&aO %%v v %v4 %% flzx%vt	TB	x	%OMBV
CG	%w %#r z r z %%ttv %%v%%rw% flzx%vzv	h	x	%OMBV%a%62W7E56
CH	%w %#r z r z %%ttv %%v%%rw% flzx%vzv	h	x	%OMBV%a%92W6E56
D9	%w %#r z r z %%ttv	h	x	%OMBV%a%92W7E56
D	%w %#r z r z %%ttv %%v%%rw% flzx%vzv	h	x	%OMBV%a%-2W6E56
DA	%w %#r z r z %%ttv %%v%%rw% flzx%vzv	h	x	%OMBV%a%-2W7E56
DB	%w %#r z r z %%ttv %%v%%rw% flzx%vzv	h	x	%OMBV%a%-2W8E56
DC	%w %#r z r z %%ttv %%v%%rw% flzx%vzv	h	x	%OMBV%a%A2W6E56
DD	%&aO %%v v %v4 %% flzx%vt	TB	x	%OMBVM6
DE	%%NO%vt z %%tflv%v %%r%t&%%xuwzz r%vt z %%tflv%zt z Qz zk r vu%uz t z%%	TB	x	%OMBVM6%a%92W6E56
DF	%w %#r z r z %%ttv %%v%%rw% flzx%vzv	h	x	%OMBVM6%a%-2W6E56
DG	%w %#r z r z %%ttv	h	x	%OMBVM6%a%B2W7E56
DH	%w %#r z r z %%ttv %%v%%rw% flzx%vzv	h	x	%OMBVM6%a%C2W7E56
F9	%w %#r z r z %%ttv %%v%%rw% flzx%vzv	h	x	%OMBVM6%a%C2W8E56

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Rtk ul ffhk lumu1 dmCuj ky gy gvvxuvxogffk ngy hkkt gmui gffkj ffu kgi n ul ffhk uhykx0gffbut y s gj k hkru1 ffu dj oi gffk ffu ffhk vkxyut y xkyvut ydhrk lux ffhk krki ffkoi grd yfgmgffbut ffhk j kmxkk ul &xmkt i 3 lux xks kj ogr gi ffbut	CQDE C Ddr khv Rvhwhr x Unxpt krsozwi Ir r j i nfyj vjyr j i nfqf hyrts vjvzrnyi	CQDE C Rsxhr xrdqp2 Ddr khvsyw Zwj syvjyr j i nfqf hyrts vjvzrnyi	CQDE C Ir uwffjr r jsyUjhtr r jsi j i	CQDE FI Fzwrnj wlsffjxyf fyrts Ujvzrnyi	CQDE NIO Nr nfyrts

Ixhq Ps	Qevhv&dxnar w	Csgh	Thfxrmhg	Nsfdxnar Thihvhr f h
Fi	%w Wtzr z %%ttv %%v%%rw% flzx%vzv	h	x	%OMPXM6%%5D@5E56
EA	%w Wtzr z %%ttv %%v%%rw% flzx%vzv	h	x	%OMPXM6%%52W6E56
EB	%eO %%v v %v4 %% flzx% vt	TB	x	%OMPXM7
EC	%w Wtzr z %%ttv %%v%%rw% flzx%vzv	h	x	%OMPXM7%%62W6E56
ED	%w Wtzr z %%ttv %%v%%rw% flzx%vzv	h	x	%OMPXM7%%82W6E56
EE	%w Wtzr z %%ttv %%v%%rw% flzx%vzv	h	x	%OMPXM7%%82W7E56
EF	%w Wtzr z %%ttv %%v%%rw% flzx%vzv	h	x	%OMPXM7%%82W@E56
EG	%eO %%v v %v4 %% flzx% vt	TB	x	%OMPXQ6
EH	%%NO% vtz %v%tflv% v %r%tes%v%uuzz r%vtz %%tflv%zt z	TA	x	%OMPXQ6%%82W6E56
E9	%eO %%v v %v4 %% flzx% vt	TB	x	%OMPXQ7
Fi	%w Wtzr z %%ttv	h	x	%OMPXQ7%%72W@E56
EA	%ttv zv%w z x%z %vWxvAvv x z r z %vt x u%v rttv v %%%v r %O sv%tflv%%v x %r %vv%XV%v r %zv	TB	x	%OMPXQ7%%52W6E56
	%vzv%v			
EB	%w Wtzr z %%ttv %%v%%rw% flzx%vzv	h	x	%OMPXQ7%%B2W6E56
EC	%w Wtzr z %%ttv	h	x	%OMPXQ7%%D0W7E56
ED	%vt tr%z v %%ttv zv%v z x%z %%vr% u%vr %%r rvv%v rtv%N rtflvu%B v xv i %v zt u%XV	TA	x	%OMPXQ7%%52W7E56
	%r ur u%vzv%B			
EE	%w Wtzr z %%ttv %%v%%rw% flzx%vzv	h	x	%OMPXQ7%%52W7E56
EF	%w Wtzr z %%ttv %%v%%rw% flzx%vzv	h	x	%OMPXQ7%%52W@E56
EG	%w Wtzr z %%ttv	h	x	%OMPXQ7%%62e2E56
EH	%w Wtzr z %%ttv	h	x	%OMPXQ7%%72e2E56
E9	%eO %%v v %v4 %% flzx% vt	TB	x	%OMPXQ8

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Rtk ul ffhk lumu1 dmCuj ky gy gvvxuvxogffk ngy hkkt gmui gffkj ffu kgi n ul ffhk uhykx0gffuty s gj k hkru1 ffu dj oi gfk ffu ffhk vkxyut y xkyvut ydhrk lux ffhk krki ffkoi grdtyfgmgffbut ffhk j kmxkk ul &xmkt i 3 lux xks kj ogr gi ffbut	CQDE C Ddr khv Rvhwhr x Uxpt krsozwi lr r j i nfyj vjr j i nfqf hyrts vjvzrnyi	CQDE C Rsxhr xdqp2 Ddr khvsyw Zwj syvjr j i nfqf hyrts vjvzrnyi	CQDE C Ir uwffjr j syUjhtr r j si j i	CQDE FI Fzwrnj wlsffjxyhf yrts Ujvzrnyi	CQDE NIO Nr nf yrts

Ixhq Ps	Qevhv&dxrar w	Csgh	Thfxrmhg	Nsfdxrar Thihvhr f h
G	%Pr v%% % % % vur t v%v %flv %v xv%N rt	h	x	%OMPYQ8
GA	%eO% % %v v % v4 % % flz x% vt	TB	x	%OMPYR6
GB	%v %t zr z % %t t v % % v %% r w % flz x%v zv	h	x	%OMPYR6%%6Q5 6
GC	%v %t zr z % %t t v % % v %% r w % flz x%v zv	h	x	%OMPYR6%%92 6
GD	%v %t zr z % %t t v % % v %% r w % flz x%v zv	h	x	%OMPYR6%%B2W6 56
GE	%v %t zr z % %t t v	h	x	%OMPYR6%%GQW6 56
GF	%v %t zr z % %t t v % % v %% r w % flz x%v zv	h	x	%OMPYR6%%D6 6
GG	%eO% % %v v % v4 % % flz x% vt	TB	x	%OMPYR7
GU	%v %t zr z % %t t v % % v %% r w % flz x%v zv	h	x	%OMPYR7%%72W7 56
Hb	%v %t zr z % %t t v % % v %% r w % flz x%v zv	h	x	%OMPYR7%%72W8 56
H	%v %t zr z % %t t v % % v %% r w % flz x%v zv	h	x	%OMPYR7%%82W7 56
HA	%v %t zr z % %t t v % % v %% r w % flz x%v zv	h	x	%OMPYR7%%92W6 56
HB	%v %t zr z % %t t v % % v %% r w % flz x%v zv	h	x	%OMPYR7%%92W7 56
HC	%v %t zr z % %t t v % % v %% r w % flz x%v zv	h	x	%OMPYR7%%-2W7 56
HD	%eO% % %v v % v4 % % flz x% vt	TB	x	%OMPYR8
HE	% vt z v%v t v% v %r vu%v %zt z4r s v	TA	x	%OMPYR8%%72 6
HF	% vt z v%v t v% v %r vu%v %zt z4r s v	TA	x	%OMPYR8%%82 6
HG	% fl %zt z% r s v% %t t v	Ze	x	%OMPYR8%%92W6 56
HU	% fl %zt z% r s v% %t t v	Ze	x	%OMPYR8%%-2W6 56
i99	% fl %zt z% r s v% %r t v	Ze	x	%OMPYR8%%B2W8 56
8	%v t t r % z v %% %t vu%v r v %%v r t v%v %z % %v r % z %%zt v v %Xz z x% v	TA	x	%OMPYR8%%82W6 56
9A	% %NO% vt z %v % t flv % v % r %t s %v %uvzz r % vt z % % t flv %zt z	TB	x	%OMPYR8%%82W7 56

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Rtk ul ffnk lumu1 d m Cuj ky gy gvvxuvxogffk ngy hkkt gmui gffkj ffu kgi n ul ffnk uhykx0gffbut y s gj k hkru1 ffu dj oi gffk ffu ffnk vkxyut y xkyvut ydnrk lux ffnk krki ffkoi grd uyfgmgffbut ffnk j kmxkk ul &xmkt i 3 lux xks kj ogr gi ffbut	CQDE C Ddr khv Rvhwhr x Unxpt krnsozwi Ir r j i nfyj vjyr j i nfqf hyrts vjvzrnyi	CQDE C Rsxhr xdqp2 Ddr khvsyw Zwj syvjyr j i nfqf hyrts vjvzrnyi	CQDE C Ir uwffjr r jsyUjhtr r j si j i	CQDE FI Fzwrnj wlsffjxyf fyrts Ujvzrnyi	CQDE NIO Nr nfyrts

Ixhq Ps	Qevhv&dxnar w	Csgh	Thfxrnhg	Nsfdxnar Thihvhr f h
1 ,9B 2	1 %' %NO% vt z %v% tflv% v% r %t e %v %uuzz r % vt z %' tflv %zt z 2	1 TB 2	1 x 2	1 %OMBY B 8% %92W8Z56 2
1 ,9C 2	1 % vt z v%v t v% v %r vu%v %zt z4r e v 2	1 TA 2	1 x 2	1 %OMBY B 8% %A2WZ56 2
1 ,9D 2	1 % vt z v%v t v% v %r vu%v %zt z4r e v 2	1 TA 2	1 x 2	1 %OMBY B 8% %B2WZ56 2
1 ,9E 2	1 %eO % %v v % u4 % % flz x% vt 2	1 TB 2	1 x 2	1 %OMBY B 9 2
1 ,9F 2	1 % %NO% vt z %v% tflv% v 2	1 TB 2	1 x 2	1 %OMBY B 8% %62WZ56 2
1 ,9G 2	1 %vt t r% z v %%ttv z %v z x%x %%vt %u%r %%r r v%v r t v%%V%O e v%tflv %ev vzv%z e r t v 2	1 TA 2	1 x 2	1 %OMBY B 8% %62WZ56 2
	1 %zt v %% % 3 2			
1 ,9H 2	1 %v %t zr z %%ttv %%v %r w% flz x%v zv 2	1 h 2	1 x 2	1 %OMBY B 8% %A2WZ56 2
1 ,9I 2	1 %eO % %v v % u4 % % flz x% vt 2	1 TB 2	1 x 2	1 %OMBY e 6 2
1 ,9J 2	1 %eO % %v v % u4 % % flz x% vt 2	1 TB 2	1 x 2	1 %OMBY e 7 2
1 ,A 2	1 %' % r z %r z r tv%r uz x %e r z v u%' t r v% u%v t zv%Te%O %X %flv %r r v %e v 2	1 TA 2	1 x 2	1 %OMBY e 7% %62e Z56 2
1 ,B 2	1 %v %t zr z %%ttv %%v %r w% flz x%v zv 2	1 h 2	1 x 2	1 %OMBY e 7% %62e Z56 2
1 ,C 2	1 %v %t zr z %%ttv %%v %r w% flz x%v zv 2	1 h 2	1 x 2	1 %OMBY e 7% %72e Z56 2
1 ,D 2	1 %v %t zr z %%ttv 2	1 h 2	1 x 2	1 %OMBY e 7% %82e Z56 2
1 ,E 2	1 %' % r z %r z r tv%r uz x %e r z v u%' t r v% u%v t zv%Te%O 2	1 TA 2	1 x 2	1 %OMBY e 7% %92e Z56 2
1 ,F 2	1 %v %t zr z %%ttv 2	1 h 2	1 x 2	1 %OMBY e 7% %92e Z56 2
1 ,G 2	1 %v %t zr z %%ttv 2	1 h 2	1 x 2	1 %OMBY e 7% %a2e Z56 2
1 ,H 2	1 %v %t zr z %%ttv 2	1 h 2	1 x 2	1 %OMBY e 7% %A2e Z56 2
1 A9 2	1 %v %t zr z %%ttv 2	1 h 2	1 x 2	1 %OMBY e 7% %B2e Z56 2
1 ,A 2	1 %v %t zr z %%ttv 2	1 h 2	1 x 2	1 %OMBY e 7% %C2e Z56 2
1 AA 2	1 %v %t zr z %%ttv 2	1 h 2	1 x 2	1 %OMBY e 7% %D2e Z56 2
1 AB 2	1 % fl %Nzt z% r e v% %ttv 2	1 Ze 2	1 x 2	1 %OMBY e 7% %52e Z56 2

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Rt k ul ffnk lumu1 d m Cuj ky gy gvvxuvxogffk ngy hkkt gmui gffkj ffu kgi n ul ffnk uhykx0gffbut y s gj k hkru1 ffu dj o gffk ffu ffnk vkxyut y xkyvut ydnrk lux ffnk krki ffkoi grd uyfgmrgffbut ffnk j kmxkk ul &xmkt i 3 lux xks kj ogr gi ffbut	CQDE C Ddr khv Rvhwhr x Unxpt krsozwi lr r j i nfyj vjyr j i nfqf hyrts vjvzrnyi	CQDE C Rsxhr xdqp2 Ddr khvsyw Zwj syvjyr j i nfqf hyrts vjvzrnyi	CQDE C Ir uwffjr j syUj htr r j si j i	CQDE FI Fzwrnj wlsffjxyn f yrts Ujvzrnyi	CQDE NO Nr nf yrts

lxhq Ps	Qevhv&dxnar w	Csgh	Thfxrnhg	Nsfdxnar Thihvhr f h
AC	%laO %%xvx%u4%%flzx%vt	TB	x	%OMXd8
AD	%v %tzrz%%tiv	h	x	%OMXd8%%92a56
AE	%v %tzrz%%tiv	h	x	%OMXd8%%-2M656
AF	%v %tzrz%%tiv	h	x	%OMXd8%%A2M656
AG	%rv%uzx%tivu%Mvvr%%%vvBr%uzx%tivu%Mvvr%%%z%v%	h	x	%l-TY%fseeW
AH	%vtzv%wtvu%v%vuu%%zt z4rsv	TA	x	%OM6%%Bo56
B9	%vtzv%wtvu%v%vuu%%zt z4rsv	TA	x	%OM6%%-9e56
B	%Wsv %zxr %%tvvv v%%v v	TB	x	%OMZ
BA	%laO %%xvx%u4%%flzx%vt	TB	x	%OMZ
BB	%v %tzrz%rsvr%%rvv%v%%v z%v tv	h	x	%OMZ%%672M656

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ngy hkkt j klgi kj ux grffkxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh A gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7Tq)1, . (

RATV DEVAIMU AOD MN IVAVIP OU P F VHE IOURECVIP O AOD VEUVIOG

Wmj nsxujhyrts fsi yjxynsl mfx gjjs hfwwji t zyns fhhtwifshj &nymBV A fxfr jsijiyt 7577 Cfgqjx htshjfqji &nymsywzspnsl fsi htsizmx twhfgqjx fsi htsizmx htshjfqji zsijwkqttwx ns nsfhhjxxngqj wtkxufhjx fsi ljsjwfoq| &nymsynj kfgwhtkynj gzmqnsl twzsijwwzsi mfffj stygjjs ffnxzfqq| nsxujhyji zsqjxxxujhnkhfoq| flwjji gjy&jjs ynj Cqjsyfsi ynj lsxujhytwuwtwyt nsxujhyrts

Djxhwuyrts t kynj jqjhywhfqnsxyfqq|yrts htffjwji g1 ymxwjutwy %eyv%vt z r %s r r z %st uzx% s2 zt z % u% r %zt z %v z vu%w %v z x% u%s vt z % %yv%t r z % zuvu%s %ar %83

Alwjji qn nfyrtsxnshqjnsl ynj wjfxtsx nkfs1 ts ynj nsxujhyrts fsi yjxynsl % %y u % v vu3%a vr v%vw % %yv%vt z %z vu%eyv%v z x%a tv '%zyz % % zvu%v y u% r v v 3%v z x%z zvu% %%vzxy

%rw %ttv zs v%w %%y vv%vru%v %uuv 3

Alwjji &nym N zv)

EOjsytkxfr uqpsl a vr v%vv%rxv%56

Rujwfwtsfqqr nfyrtsxnshqjnsl ynj wjfxtsx a vr v%vv%rxv%56

RATV UWRRMb CHATACVETIUVICU AOD EATVHIOG ATTAOGEN EOVU

U2wvhq drghdvxlmk dwdrkhq hrxw

WP C (Y4) WP V (Y4) WP C V (✓)

WW (Y4) IW (Y4)

Uyttp2tvsxhfxr8hgh&rfnh

BV EP (WDX) Wruj (WDX) Ufyji hzwjsy (WDX) A

Pyqehvdrgx2thsipr8hfsrgyfxsww

AC umfxj &nvj (Y4) umfxj &nvj (Y4) umfxj &nvj (Y4)

umfxj &nvj (Y4) umfxj &nvj (✓)

DC &nvj (Y4) &nvj (Y4)

Rynjw Y4 (WDX)

Ctskwf yrts tkxzuuq| utq| vwyl

Rynjwxtzwhjxtkxzuuq| Sflj Pt (Y4)

Pdxyvhsiwyttp2tdvdq hxhww

Ptrnsfqfftgflj gjy&jjsqsjx Z	(955) a	B3 ktw&ox3
Ptrnsfqqsj fftqflj yt Efwym Z	(785) a	B3 ktw&ox3 uxh3 s kgy&xks ktff
Ptrnsfqkvjvzjsh1 k	(>5) H2	
Swrxujhyrffj kfzgyhzwjysy q$_{uk}$	(7535) pA	
EOjwsfqqtturr ujifshj e$_j$	(5356) Ω	

RATV RATVICWMATU P F IOUVAMMAVIP O TEFETTED VP IO VHIU CETVIFICAVE

Of0rr zr ijrfsi qfi (6A5)

Ohdrwsi Edwdmk

Dnxwgzytwx kfhnqyl (✓)

Isxyfqqfyrts jfwymjqjhywrij x (Y4)

Efwymjqjhywrij yluj Y4)

Ntfhfyrts (%4)

(Y4) Ω

Eqjhwrij vjxnxyfshj yt Efwym

Odmtvsxhfxr8hfsrgyfxsww

Efwymsl htsizhytw

Ofyjwfq (N v) hxf (675) r r

Ctssjhyrts htsyrszmyl ffjvwkji (✓)

Ofrsuvrizhyffj gtsinsl htsizhytwx

Ofyjwfq (N v) hxf (>5) r r

Ctssjhyrts htsyrszmyl ffjvwkji (✓)

Odmtvsxhfxr8hesrgmkfsrrhfxnsrw

bfyjwrsxyfqqfyrts urujx (✓)

Gfxrsxyfqqfyrts urujx (✓)

Vywzhyzvfqxyjjq (Y4)

Rmqrsxyfqqfyrts urujx (Y4)

Nhlmysnsl uvrjyhyrts (✓)

Rynjwxyfyj (✓)

%2&S zuzv

Odmv0mfl U0mfl iyvh Cmfymevhdohv TCD

Ntfhfyrts (Wg%a zty%a %4s v%Mz %a v.)

BV EP (A5D9B27) Wruj (M) Ufynsl xjynsl tkijffhj (67>5) A

Pt tkutqjx (9) Czwjsyvfynsl (67>5) A atqfljvfynsl (955) a

Zlhvhdr TCD mwywhgdwxlhq dmv0mfl

UCD vfyji vjxnizfqtujvfynsl hzwjsy q$_s$ (Y4) r A UCD Wruj (Y4)

Ufyji yrr j ijqf1 (Y4) r x Ojfxzwji tujvfynsl yrr j (Y4) r x

bmjvjynj nsxyfqqfyrts nxxzuuqji g1 r tvjynfs tsj xtzvnj ynj mfmjwtwmfmjxyfffqzjxtkuvtxujhyffj kfzgyhzwjysy q$_{uk}$ fsi jOjwsfqjfwymkfzgyqtumr ujifshj e$_j$ r zxygj vjhtwji

Wmxvjutwnxgfxji t s ynj r t ijqktwr x htsyfnsji &nymsfuujsin0 tkBV A

Cvhdxhge2VsxdpCsqtpdrfh Usix0dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh A gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q77q)1, . (

RATV UCHEDWME P F IVEN U IOURECVED

Irxdoh huyrthq hr x &nwydpmvt hfxnar srp2

Ar syxfsq h dkdmvxdr nthq m whxnar sxl hvxl dr dff hwvxs pr8h t dvxw wl syqg r sxeh ywhg xs ghxhvq mh xl h s8hvdpdvwhvwq hr xsi xl h mwvdqpdxnar Z l hvh mdghuydf mwdvh rghr xmthg d f vsvw wl syqg eh t yxdkdmvxxl h dt t vst vrdxh nthq d r g d f sq q hr xq dgh m Rdvx si xl nwvht svx

Dnxywgzytw xzuuqjwrsyf pj jvznur jsy

Vjvffrhj hfgqj	(....✓.....)
Vjvffrhj rnjfi	(....✓.....)
Efwymsl f wfrsljr jsy	(....✓.....)
Ojyjwyf rqx	(....✓.....)
Ojyjvssl jvznur jsy	(....✓.....)
Ixt dfytw&rnjvjy uvjyxjsy	(....✓.....)

b rnjvjy rsf ijvzf hnjx rs ynj rsyf pj jvznur jsyf vjy jshtzsyjvjyi &rnhmr f1 vjyxzqyns f if slj wzx t w utyjsyf qt jf slj wtzxxnyzf ytts ynj ujwxts t wj jwssl ynj &t vp rsk t w x ynj f uuvt uwf yj fzynt wyl nxywrsl dj vjyhtr r jsiji ynf yynj ujwxts t wj jwssl ynj &t vp rsk t w x ynj f uuvt uwf yj fzynt wyl

Ctsxzr jwx nxt dfytw&rnjvjy uvjyxjsy	(....✓.....)
Ctsxzr jwx r jyjwyf rqx	(....✓.....)

Rvhwhr f h si dghuydxh dvwdr khq hr xwisvt dvdqphpsvw0 nf l hg dphvr dxr8h vsyvf hw

Aijvzfyj f wfrsljr jsyx&rnjvjy f l jsjvfyrsl xjytujvfyjx f x f x&nyhrnji fqyjvsf yrffj yt ynj uzgqthnxzuuqj	(..Y4..)
Aijvzfyj f wfrsljr jsyx&rnjvjy l jsjvfyrsl xjytujvfyjx rs ufvfrqjq&nym ynj uzgqthnxzuuqj	(..Y4..)

Ohxl sgwsi t vsxhf xnar

Azytr f yth i nxhtssjhyrts t kxzuuqj ADV

Ofrs jf ymsl gt sirsl f wfrsljr jsy Cnf u	(.....✓.....)
Svjyxjshj t ki nxywgzytwx jf ywrnsl f wfrsljr jsy t wuvjyxjshj t krnsxyf qf jyt ts jf ywrnjqj hywt ij f wfrsljr jsy	(....✓.....)
Aijvzjsh1 t kjf ywrnsl htsizhytwxr2j	(....✓.....)
Aijvzjsh1 t kjf ywrnsl htsizhytwhtssjhyrtsx	(....✓.....)
Ahhjxxrgrnqyl t kjf ywrnsl htsizhytwhtssjhyrtsx	(....✓.....)
Aijvzjsh1 t kr f rs uvtvyjhyrffj gt sirsl htsizhytwxr2jx	(....✓.....)
Aijvzfh1 f si qthf yrts t kr f rs uvtvyjhyrffj gt sirsl htsizhytw htssjhyrtsx	(....✓.....)
Ahhjxxrgrnqyl t kf qquvtvyjhyrffj gt sirsl htssjhyrtsx	(....✓.....)
Svtrffrxrts t kjf ywrnsl qf gjqx f yf qpf uuvtuvf vyj qthf yrtsx	(....✓.....)
FENa vjvzrnvjr jsyx xf yrxkqji	(..Y4..)
Ryrnjwr jyrnt i x t kuvtvyjhyrts	
&rnjvjy fs1 t kyrnj r jyrnt i xqxyi gjqt&f vjy jr uq1 ji ijyf rqx xrnt zqi gj uvtrffrnji t s xjufvfvyj xrnjjyx	
Pt s htsizhyrsl qthf yrts	(..Y4..)
Efwymkvjyj qthf qjvznutyjsyrf qgt sirsl	(..Y4..)
Eqjhywthf qxjufvfyrts	(..Y4..)
Dtzgqj rsxzqf yrts	(..Y4..)
Ujrsk t vhji rsxzqf yrts	(..Y4..)
Svtrffrxrtsx&rnjvjy fzytr f yth i nxhtssjhyrts t kxzuuqj rx sty kjfxrgqj	(..Y4..)

Dnwxvreyxnar huyrthq hr x rnf pygrnk f sr wyq hvyr nawdr g gnwxvreyxnar esdvgw

Aijvzjh1 t k&t vprsl xuf hj fhhjxxrgrnqyl yt jvznur jsy	(....✓.....)
Vjhzwyl t kkr0rsl	(..N8..)
Ctsinyrts t krnsxzqf yrts t kqffj uf wx	(....✓.....)
Aijvzfh1 xjhzwyl t kgf wvjwx t wjshqtxzvjyx	(....✓.....)
Ctsinyrts t kjshqtxzvjy x rs yjw x t kISvfyrsl jyh	(..N7..)
Ctsinyrts t kjshqtxzvjy x rs yjw x t kkrvjvfyrsl jyh	(..N7..)
Eshqtxzvjystyi f r f ljj ijyjwt vfvyji xt f x yt rr uf nwxf kjyl	(....✓.....)
Svjyxjshj f si j jhyrffjsjxx t kt gxyf hqix	(....✓.....)
Svjyxjshj t kr f rs x&nyhrnjx qpspji &rnjvjy vjvznvjyi	(....✓.....)
Rujvfyrts t kr f rs x&nyhrnjx kzshyrtsf qhrnjhp	(....✓.....)
Ofszf qt ujvfyrts t kh rwhznygvjyf pj vx UCDx f si AFDDxyt uvtvffj kzshyrtsf qqyl	(....✓.....)
Ctskrw f yrts ynf yrnsyjl vfrqyjxygzyyts x&nyhrnhf zxjx UCD x yt ywu&rnjs tujvfyji kzshyrtsf qhrnjhp	(....✓.....)
UCD x uvtvffrnji kt wkf zqyuvtvyjhyrts rshqzijx UCBRx	(....✓.....)
UCD x uvtvffrnji kt wf i i nyrts f quvtvyjhyrts vjvznvjr jsyx &rnjvjy vjvznvjyi rshqzijx UCBRx	(....✓.....)
Svjyxjshj t kUCDxr0r t synqj yjxystythj &rnjvjy vjvznvjyi	(....✓.....)
Ctskrw f yrts ynf yrnsyjl vfrqyjxygzyyts x&nyhrnm&rnjvjy uvjyxjsy hf zxjx AFDDyt ywu&rnjs tujvfyji	(..Y4..)
Svjyxjshj t ki nflvfr x hrnf vyx t wxhrnjizqjx f yt wsjf wjvznur jsy &rnjvjy vjvznvjyi	(..WX..)
Svjyxjshj t kf qjvsf yrffj xzuuqj &f vsrnsl st yrhj f yt wsjf wjvznur jsy &rnjvjy vjvznvjyi	(..N8..)
Svjyxjshj t ksjOyrsxujhyrts vjyht r r jsi f yrts qf gjq &rnjvjy vjvznvjyi	(....✓.....)
Svjyxjshj t kt ynjwvjvznvjyi qf gjqpsl	(..N8..)
Ctr ufyrgrnqyl t kuvtvyjhyrffj ijffrhjx gf xjx f si t ynjwhtr ut sjsyx htvvjhyyluj f si vfyrsl st xnlsx t kzsf hhjuyf gqj ynjvr fqi f r f lj f vhrnsl t vt f ffjvnjf yrsl	(....✓.....)
Vrslqj ut qjx&nyhrnsl t vuvtvyjhyrffj ijffrhjx rs qpsj ht sizhyt vx t sqj	(....✓.....)
Svtvyjhyrts f l f rsxyr jhrnf srnhf qi f r f lj &rnjvjy hf gqjx jsyjvjvznur jsy	(....✓.....)
Svtvyjhyrts f l f rsxyjqj hywtr f l sjyrhj jhyx&rnjvjy hf gqjx jsyjvw kjvwtr f l sjyrhj shqtxzvjyx	(....✓.....)

Dnwxvreyxnar f nf yrxv

Iijsyxkhf yrts t khtsizhytvx	(....✓.....)
Cf gqjx htvvjhyqj xzuut vyji ynvtzl rntzyynjrvvzs	(....✓.....)
Ctsinyrts t krnsxzqf yrts t kqffj uf wx	(....✓.....)
Pt s xrnjf ynji hf gqjx uvtvyjhyji g1 jshqtxzvjy rs ht sizny izhyrsl t w yvzsprsl	(....✓.....)
Vznyf grnqyl t kht syf rnsr jsyx1xyjr x kt vht syrszji zxj rshqzi rsl kqOrggj ht sizny	(....✓.....)
Cf gqjx htvvjhyqj yjvv rsf yji rs jshqtxzvjyx	(....✓.....)
Ctskrw f yrts ynf yANNht sizhytvht ssjhyrtsx rshqzi rsl ht ssjhyrtsx yt gzxgf vx f vjy ht vvjhyqj qthf yji rs yjw rsf qx f si f vjy yrl nyf si xjhzvjy	(....✓.....)
EOf r rsf yrts t khf gqjx kt wxrl sx t kzsf hhjuyf gqj ynjvr fqt wr jhrnf srnhf q ifr f lj ijyjwt vfyrts	(....✓.....)
Aijvzfh1 t khf gqjx kt whzwysyhf wvrsl hf uf hnyl &rnvjyl f wvkt wynj ytuj f si sf yzvjy t krnsxyf qf jyrts	(....✓.....)

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh A gu' +1-u8 u.)(w- F7us)-1sq7P.( )q7q)1, . (

RATV UCHEDWME P F IVEN U IOURECVED

Ai jvzfh1 tkuvtvyjhyffj ijfffhjx yluj fsi vfvyji hzwjysyktwkfzoyuvtvyjhyrts (.....✓.....)

Svjvxjshj fsi fijvzfh1 tkhnvhznyuvtvyjhyffj htsizhytwx (.....✓.....)

Cttwirnsfyrts gjy&jjs htsizhytwx fsi tffjwqtfi uvtvyjhyffj ijfffhjx (.....✓.....)

Cfgqj rsxyfqfjyrts r jyntix uvfvhyhjx&nymvjylfwivyt ymj yluj fsi sfyzvjy tkrsxyfqfjyrts fsi j0yjvsfqrskqzjshjx (.....✓.....)

b rnjvjyj0utxji yt invjhyxzsqhmyhfgqj tkf xznyfgqj yluj (.....✓.....)

Cfgqjx htshjfqji zsijwkqtwx fgtffj hjrqpslx rs &fqpx ufwynytsx fijvzjyjqluvtvyjhyji flfrsxyifr flj

Isxyfqji rs uvjvxhvqgji 2tsjx xjj Vjhyrts D E0yjsyfsi qrnyfytsx (..VDX..)

Ishtwutvfvysl jfwynji fw tzwtwxrnjfymtwxzs &nymsjfwynji &rwsl x1xyjr twtymjv&rxj uvtvyjhyji flfrsxyr jhrnfsrhfqifr flj g1sfrqx xhvjv&xfsi ymj qpj xjj Vjhyrts D (..VDX..)

Swrffrxrts tkknvjy gfwvjwx xjfqpsl fwfvslj r jsyx fsi uvtvyjhyrts flfrsxy ynjwr fqj jhyx (..VDX..)

Bfsi Ilhfgqjx xjl vjlfyji xjufvfvyji kvtr Bfsi Ihfgqjx (..VDX..)

Cfgqjx xjl vjlfyji xjufvfvyji kvtr sts jqjhywhfqxjvffrhjx (..VDX..)

Ctsinyrts tkhnvhznyfhhjxxtvwjx (..N7..)

Vznyfgrqyltkhnvhznyfhhjxxtvwjx ktwj0yjvsfqrskqzjshjx (.....✓.....)

Vrslqj utqjx&nyhrnsl twuvtvyjhyffj ijfffhjx rs qpsj htsizhytwx tsqj (.....✓.....)

Aijvzfh1 tkhtssjhyrtsx rshqzinsl huhx &nymsfhhjxxtvwjx fsi yt kt0ji fsi xyfyrtsfvfvjvznur jsy nijsyrkl vjyhtvi szr gjwx fsi qthfyrtsxtk nyjr xrsxujhyji (.....✓.....)

Svjvxjshj tujvfvyrts fsi htwjyhyqthfyrts tkfuuvtvuvfyj ijfffhjx ktw nxtqfyrts fsi x&nyhrnsl Cnfu (.....✓.....)

Gjsjvfrqhtsinyrts tk&rwsl x1xyjr (.....✓.....)

Vjr ujvfvyzvjvfvysl tkhfgqj rsxzqfyrts Vfgqj (.....✓.....)

Fmdpfnnfynxw

Iijsyrkhfyrts tkhtsizhytwx (.....✓.....)

Cfgqjx htwjyhyqlxzuutwjj ymvrzlmtzyymjnwzs (..VDX..)

Ctsinyrts tkrsxzqfyrts tkqffj ufwyx (.....✓.....)

Pts xmjfymji hfgqjx uvtvyjhyji g1 jshqlxzvjvrs htsizryizhysl tw ywzsprsl (.....✓.....)

Vznyfgrqyltkhtsyfrsr jsyx1xyjr x ktwhtsysszji zxj rshqzinsl kqj0rgqj htsizry (.....✓.....)

Aijvzfh1 tkhfgqjx ktwhzwjysyhfwvrsl hfufhnyl &nymvjylfwivktwymj yluj fsi sfyzvjy tkrsxyfqfjyrts (.....✓.....)

Aijvzfh1 tkuvtvyjhyffj ijfffhjx yluj fsvfvyji hzwjysyktwkfzoyuvtvyjhyrts (.....✓.....)

Svjvxjshj fsi fijvzfh1 tkhnvhznyuvtvyjhyffj htsizhytwx (.....✓.....)

Ct twirnsfyrts gjy&jjs htsizhytwx fsi tffjwqtfi uvtvyjhyffj ijfffhjx (.....✓.....)

b rnvsl x1xyjr x fuuvtvuvfvyj ktwymj yluj fsi sfyzvjy tkymj rsxyfqfjyrts fsi j0yjvsfqrskqzjshjx (.....✓.....)

b rnjvjyj0utxji yt invjhyxzsqhmyhfgqj tkf xznyfgqj yluj (.....✓.....)

Cfgqjx htshjfqji zsijwkqtwx fgtffj hjrqpslx rs &fqpx ufwynytsx fijvzfyjqluvtvyjhyji flfrsxyifr flj

Isxyfqji rs uvjvxhvqgji 2tsjx xjj Vjhyrts D E0yjsyfsi qrnyfytsx (..VDX..)

Ishtwutvfvysl jfwynji fwrtzwtwxrnjfymtwxzs &nymsjfwynji &rwsl x1xyjr twtymjv&rxj uvtvyjhyji flfrsxyr jhrnfsrhfqifr flj g1sfrqx xhvjv&xfsi ymj qpj xjj Vjhyrts D (..VDX..)

Swrffrxrts tkfiinyrtsfquvtvyjhyrts g1 UCD rnffrnsl vfvyji vjyxnizfqtujvfvysl hzwjysystyj0hjjirnsl r A

ktwfqpxthpjytzyqjyxtkvfvysl Atwqjxx (..N7..)

Aiinyrtsfquvtvyjhyrts g1 UCD r f1 stynffffjgjjs uvtffnijifxfstyjij0hjuyrts rshjwfrnsstsitrjxyth rsxyfqfjyrtsxhtffjvji g1 rsijsy rntkUjlzqfjyrts

Ftwynj xzuuqtkr tgrqjvznur jsystyj0hjjirnsl Avfvysl ktw zxjtzyittwx (.....✓.....)

Ftwhfgqjx htshjfqji rs&fqpxfyfijuymtkqjxxynfs r r (..VDX..)

Ftwhfgqjx htshjfqji rs&fqpx ufwynytsx htsyfrsrnsl r jyfquf wx vjlfwiqjxxtkijuym (..VDX..)

Ftwksfqhnvhznyxxzuuqlrnsl qzr rsfnvjx&nymsitrjxyth rntzxjrntqj uvjvr nxjx (..Y4..)

Rqjwljsjvfvyrtsxijxrlsji uvtwyt BV r f1 stynffffj vjvznvji UCDxktwfiinyrtsfquvtvyjhyrts

Swrffrxrts tkknvjy gfwvjwx xjfqpsl fwfvslj r jsyx fsi uvtvyjhyrts flfrsxy ynjwr fqj jhyx (.....✓.....)

Bfsi Ilhfgqjx xjl vjlfyji xjufvfvyji kvtr Bfsi Ihfgqjx (.....✓.....)

Cfgqjx xjl vjlfyji xjufvfvyji kvtr sts jqjhywhfqxjvffrhjx (.....✓.....)

Vjvwr rsfyrts tkhfgqjx fyjshqtxzvjvx nijsyrkl vjyhtvi szr gjwx fsi qthfyrtsxtknyjr xrsxujhyji

Ctssjhyrts zsijwst zsijzj xywfrns (.....✓.....)

Ptgfxrnhrsxzqfyrts tkf htsizhytwffrxrqgjtzyxnijshqtxzvjy (.....✓.....)

Ctssjhyrtsxtkqffj htsizhytwx fijvzfyjqjshqtxzji (.....✓.....)

Aijvzfyjqlhtssjhyfyutrsytkjsywvyt jshqtxzvjy lqfsix gzxrnjx jyh (.....✓.....)

Ctsinyrts tkfhhjxxtvwjx rshqzinsl xthpjytzyqjyx x&nyhrnjx fsi drnsy gt0jx (...N7...)

Vznyfgrqyltkfhhjxxtvwjx ktwj0yjvsfqrskqzjshjx (.....✓.....)

Vrslqj utqjx&nyhrnsl twuvtvyjyffj ijfffhjx rs qpsj htsizhytwx tsqj (.....✓.....)

Ivsgpdxrsar drg w0 nxfl rnk

Ixtqfytwx

Ahhjuyfgqjqthfyrts xyfyj rkqthfqtwvjr tyj kvtr jvznur jsyns vzjxyrts (.....✓.....)

Svjvxjshj fsi htsinyrts tkfuuvtvuvfyj ijfffhjx (.....✓.....)

Cfufgqj tkgjrsl xjhzvjvi rs ynj RFFutxnyrts (.....✓.....)

Ctwjyhytujvfvyrts ffjvwkji (.....✓.....)

Cqjfwqlnijsyrkji g1 utxnyrts fsi twizvfrgqjr fvprsl (.....✓.....)

b fvsrsl qfgqjqutxyji rs xnyzfyrtsx &rnjvjyqffj ufwyx hfsstygj nxtqfyji g1 ynj tujvfvyrts tkf xrslqj ijfffhj (.....✓.....)

V&nyhrnsl t ktwr jhrnfsrhfqr frsyjsfshj

Svjvxjshj fsi htsinyrts tkfuuvtvuvfyj ijfffhjx (.....✓.....)

Cfufgqj tkgjrsl xjhzvjvi rs ynj RFFutxnyrts &rnjvjystyzsijw htsyrszt zxxzujvffnxrts (.....✓.....)

Ctwjyhytujvfvyrts ffjvwkji (.....✓.....)

Cqjfwqlnijsyrkji g1 utxnyrts fsi twizvfrgqjr fvprsl (N8.....)

Erjwjsh1 x&nyhrnsl t

Svjvxjshj fsi htsinyrts tkfuuvtvuvfyj ijfffhjx (.....✓.....)

Ujfinqfhhjxxrgqjktwtujvfvyrts &rnjvjyifslj wr nlmythhzw (.....✓.....)

Ynoy i kxffbio gffk oy t uff0gro o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj ux grnfkxkj

CAN WA M d l **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh A gu' +1-u8 u.)(w- F7us)-1sq7P.( )q7q)1, . (

RATV UCHEDWME P F IVEN U IOURECVED

Ctwyhytujvfyrts ffjvwkji (....✓....)

Cqjfvqlni jsykji g1 utxnrts fsi twizvfgqj r fvprsl (....N8....)

Fzshyrtsfqx&nyhmrsl

Svjxjshj fsi htsinrts tkfuuvtruvfyj ijffnhjx (....✓....)

Ctwyhytujvfyrts ffjvwkji (....✓....)

Cywhrxywmk huyrthq hrx thvq hrdrxp2fsrrhfxhg

Ctsinrts tkjvznur jsyrsyjvwrxtkIS vfyrsl jyh (....N7....)

Evznur jsyitjxstyhtsxynzyj kvjvmf2fw (....N7....)

Eshqtxzvjystyifrflji ijyjvwtvfyji xtfxyt
nr ufnwxfkjyl (....✓....)

Vznyfgnqyl ktwynj jsffnvtsr jsyfsi j0yjvsfqrskqzjshjx (....✓....)

Vjhzwyl tkk0rsl (....N7....)

Cfgqj jsywvrntqjxrs hjnqsl fgtffj qzr nsfnvjx xn2ji twxjfqji xtfxyt
vjxywvhyynj xuvjfi tkkvjv qxyszr gjwfsi qthfyrts tkqzr nsfnvjx rsxujhyji
xjufvfyj ufl j (....VOX....)

Ujhjxxji qzr nsfnvjx it&sqhnyjwx

Ctwyhyyluj tkqfr uxkvyji (....✓....)

Isxyfqji yt r nsnr nxj gznqj zutknjfyg1zxjtkkvjvfyji
kvyrslx rsxzqfyrts inxuqfhjr jsygt0twxnr nqfw (....✓....)

Pt xnlsxtktffjvnjfyrsl yt xzwvrzsinsl gznqjnsl kfgvvh (....✓....)

Pt xnlsxtktffjvnjfyrsl yt htsizhytwx yjwr nsfyrtsx (....✓....)

Cyvwhrxywmk huyrthq hrx thvq hrdrxp2fsrrhfxhg

bmjvjxujhnfqrsxyfqfjyrtsxtvqthfyrtsxvjqfyrslyt fufwyhzqfwVjhyrtstkSfwy fsfiinyrtsfqlsxujhyrts Vhnjizqjx xmtzqjgj uvtffnjjitsxjufvfyj ufljx

Nthfyrts x htsyfnsnsl fgfymtvwxmt&jw

Aiinyrtsfquvfyjhyrts g1 UCD nffnsl vfyjj vjxnizfqtujvfyrsl hzwjysy
styj0hjjinsl r Aktwfqpq& fftqfl j Na hnvhznyxxjvffnsl ynj
qthfyrts twufxxnsl ymvrzlm2tsjx fsi tw tkynj qthfyrts (....Y4....)

bmjvjyzxji fxfuvtyjhyffj r jfxzvjv vjvznyjr jsyxktwVENFtw
SENar jy (....Y4....)

Vnffffjwxzuuqtzsnyxhtr uqtnsl &nymBV EP ktw jwqt BV (....Y4....)

Svjxjshj tkxzuuqjr jsyfvrgtsinsl htsizhytwx zsqjxxsty
vjvznvjvi g1 BV (....Y4....)

Nt&fftqfl j jl fftqyxthpjytzyqjyxxnjji fyqjfxy r kvtr
2tsj (....✓....)

Vznyfgnqyl tkjvznur jsyktvjv0yjvsfqrskqzjshjxktwrsxyfqjji
qthfyrts rsyjvwrxtkIS vfyrsl (....✓....)

Vznyfgnqyl tkfhhjxxtvwjxfsi htsywtqjfvjyh ktvwfufwyhzqfw
2tsj (....✓....)

Vznyfgnqyl tkhzwjsyzxrsl jvznur jsyktwufwyhzqfwutxnyrts
&nymsynj qthfyrts (....✓....)

Rynjvwxujhnfqrsxyfqfjyrtsxtvqthfyrtsx (....Y4....)

%Y4.....

Svtrxzr jvwxqt&fftqfl j rsxyfqfjyrts (....Y4....)

bmjvjyjqr jsyxtkfuvtrxzr nsl rsxyfqfjyrts kfqpsl &nymsynj xhtujtkCnfuyjvw fvjyhtffjvji g1ynj
vjvutvyfiinyrtsfqxhnjizqjxijyfnqsl ynj fxxthnfyji rsxujhyrtsfsi yjxyrsl xmtzqjgj uvtffnjjits
xjufvfyj ufljx

Ufl hgyph si lxhq wlrvthfxhge2

Pfr j hfunyfqx ULXPd%SZOPd

Vnlsfyzvjy ..... Dfyj 6646547578

RATV UCHEDWMEU AOD ADDIVIP OAMRAGEU 1mh vdl h0 rght 1nirhg dyh dt h00ht 1ndrvdy1 ui 1m0 yhvuy1 0hh yhl 2rd1nut 0

Ufl hgyph si lrvthfxnsrw

Sflj Ptx (65%2667.....)

Ufl hgyph si Cnnfynn Dhxdnpwdrg Vhwx Thwypswisvxl h nnvwdqpdxnsr

Sflj Ptx (68%2655.....)

Ufl hgyphwvhpdxnnk xs Rvswyq hvwnnvwdqpdxnsr w nngnhdxhg nnxhq des&h

Sflj Ptx (.....)

NICEIC APPROVED CONTRACTOR

Ynoy i kxfbói gfk oy t uff0grój ó ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffxkj

CAN WA M d I EICT f

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

Kyy&kj ó gi i uxj gt i k 1 ófn BX A Wkw&oxks kt ffy lux Erki ffkói gr Kyfgmrgfbut y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvrtnxmr	V2th si O nmmk whi ssxhvxs RATV B	Thihwhr f h q hxf sg BU	Pyq ehvsi t smxwvhw&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmxfsr rhfxmr xmq h BU	Q&hvfywvhr xt vsxhfxr&h gh&rhh					TCD			
					Ps si fsr gyfxsw	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul sv x fnxfymx fdt dfm2 oA	Odt mq yq t hvq nxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywvhr x p r q A
562e256	h r % % vu	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	A5D9B27	M	655	7>	Y4.	Y4.	Y4.	Y4.	Y4.
572e256	d s%r z %l %QM2Yd8	R	P	6	8	B5	L	>35	A5D9B27	M	655	7>	f YLg	Y4.	Y4.	Y4.	Y4.
582e256	d s%r z %l %QM2Yc6	R	P	6	8	7>	L	>35	A5D9B27	M	655	7>	f YLg	Y4.	Y4.	Y4.	Y4.
592e256	d s%r z %Na56%S zuzv	R	P	6	8	675	L	>35	A5D9B27	M	755	7>	f YLg	Y4.	Y4.	Y4.	Y4.
5>2e256	d s%r z %Na56%a r %	R	P	6	8	795	L	>35	A5D9B27	M	955	7>	f YLg	Y4.	Y4.	Y4.	Y4.
5A2e256	d s%r z %l %OM27	R	P	6	A	6C>	L	>35	A5D9B27	M	955	7>	f YLg	Y4.	Y4.	Y4.	Y4.
5B2e256	d xv%a vt z	R	P	6	6	73>	XQ	539	A5D9B27	M	A8	7>	f YLg	Y4.	Y4.	Y4.	Y4.
5C2e256	h r % % vu	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	A5D9B27	M	655	7>	Y4.	Y4.	Y4.	Y4.	Y4.
5D2e256	h r % % vu	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	A5D9B27	M	655	7>	Y4.	Y4.	Y4.	Y4.	Y4.
652e256	h r % % vu	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	A5D9B27	M	655	7>	Y4.	Y4.	Y4.	Y4.	Y4.
662e256	d s%r z %l %QM2YQ6	R	P	6	8	B5	L	>35	A5D9B27	M	655	7>	f YLg	Y4.	Y4.	Y4.	Y4.
672e256	d s%r z %l %QM2YQ7	R	P	6	8	7>	L	>35	A5D9B27	M	655	7>	f YLg	Y4.	Y4.	Y4.	Y4.
682e256	d s%r z %l %QM2YQ8	R	P	6	8	7>	L	>35	A5D9B27	M	655	7>	f YLg	Y4.	Y4.	Y4.	Y4.
692e256	d s%r z %l %QM2YR8	R	P	6	8	D>	L	>35	A5D9B27	M	755	7>	f YLg	Y4.	Y4.	Y4.	Y4.
6>2e256	d s%r z %l %QM2Yc7	R	P	6	8	>5	L	>35	A5D9B27	M	7>5	7>	f YLg	Y4.	Y4.	Y4.	Y4.
6A2W6256	Qzv%r	Qa755	P	6	6	73>	73>	539	A5D9B27	M	7>	7>	f YLg	Y4.	Y4.	Y4.	Y4.
6A2W7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6A2W8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xnt sf yt s XOM26

Nt hf yt s t kDB Wy%l zt y% %Ls v%Wz %l v.

e i g 5356 (Ω) Ct skvw f yt s t kxzuuq utd vwyl (✓)

q µk f yDB† 7535 pA Smf xj xj vzj shj ht skvw j i † (✓)

URD Dhxdrpw

Wruj x W (Y4.) W (Y4.) W (Y4.) P A (✓)

Vyf yzx rsi rhf yt whrnj hpj i (Y4.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq t yt DB nx kvtr XLTY%f aaVy

Q&hvfywvhr xt vsxhfxr&h ghrhh isvxl h gnxvreyxmr f nxfymx

BV EP (Y4.) Wruj (Y4.) Ptr rsf qfft qf l j (955) a Ufyrsl (Y4.) A Pt t kumf xj x (8)

Awvsf rdxhg TCD rndr 2

BV EP (Y4.) UCD Wruj (Y4.) q s (Y4.) Pt t kutqj x (Y4.) Ruj vfyrsl yrr j (Y4.) r x

&rnj s ymx kl zvj nx st yyf pj s kvtr BV xyf yj xt zvhj Y4.

Wrnx vj ut wynx gf xj i t s ymj r t i j qltvw r x ht sy f rsj i &rymsf uuj sir0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grj o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmymz Ω					Irwypdxrar vhwwwdrfh			Rspfvnz	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrsr dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymywsrp2 q hdwyvhg hr g xs hr g			Appf nf ymyw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
562a256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
572a256	Y4_	Y4_	Y4_	5356	Y4_	WDX	7550	7>5	Y4_	535C	Y4_	Y4_	Y4_	
582a256	Y4_	Y4_	Y4_	5369	Y4_	WDX	WDX	7>5	Y4_	536>	Y4_	Y4_	Y4_	
592a256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_		Y4_	Y4_	Y4_	Y4_	
5>2a256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_		Y4_	Y4_	Y4_	Y4_	
5A2a256	Y4_	Y4_	Y4_	5357	Y4_	WDX	WDX	7>5	Y4_	5358	Y4_	Y4_	Y4_	
5B2a256	Y4_	Y4_	Y4_	5356	Y4_	WDX	WDX	7>5	✓	5357	Y4_	Y4_	Y4_	
5C2a256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
5D2a256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
652a256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
662a256	Y4_	Y4_	Y4_	5359	Y4_	WDX	WDX	7>5	Y4_	535>	Y4_	Y4_	Y4_	
672a256	Y4_	Y4_	Y4_	5356	Y4_	WDX	WDX	7>5	Y4_	535C	Y4_	Y4_	Y4_	
682a256	Y4_	Y4_	Y4_	5356	Y4_	WDX	7550	7>5	Y4_	5365	Y4_	Y4_	Y4_	
692a256	Y4_	Y4_	Y4_	5369	Y4_	WDX	WDX	7>5	Y4_	536>	Y4_	Y4_	Y4_	
6>2a256	Y4_	Y4_	Y4_	5356	Y4_	WDX	7550	7>5	Y4_	5365	Y4_	Y4_	Y4_	

Cvwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xyrnsl Y4_

VEUVED Bb

Pf r j hf unyf cx UL X Pd%SZ OPd Stxnyrts P xz vv Vnl sf yzvjy Dfyj 6646547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsyrszny	Isxzcfyrts vjyxnxyf shj	Efwynkf zcyqt tu rr uj i f shj	Efwym Eqi hywr i j Ujxnxyf shj	UCD
65779CBA7	Y4_	Y4_	Y4_	Y4_	Y4_

UCD j jhyffjsj xxnx ffjvwkgi zxrnsl fs fqyjvsf yrnsl hzwyjsyyjxyf yvfvyj i vjyxnizfqt uj vfrynsl hzwyjsy q s

CQDEU isv V2th si 0 nnnk	A Vrrjvw tudcxyrhnsxzcfyji xrnjf yrnji hf gqjx	B Vrrjvw tudcxyrhhf gqjx rns r jyfqphhtsizry	C Vrrjvw tudcxyrhhf gqjx rns sts r jyfqphhtsizry	D Vrrjvw tudcxyrhhf gqjx rns r jyfqphywzsprnsl	E Vrrjvw tudcxyrhhf gqjx rns sts r jyfqphywzsprnsl	F Vrrjvw tudcxyrh Vb A hf gqjx	G Vrrjvw txjyynsl Vb A hf gqjx	H Ornsjvfrqnsxzcfyji hf gqjx

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj d: gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkó gr K yfgmrgffbut y

RATV A UCHEDWME P F CITCWV DEVAIMJ

CPOVIOWAVIPO P F BPATD N DB

Cnfymr yq ehv	Cnfymghwfvmtxmr	V2th si O nmmk whi ssxhvs RATV B	Thihwhrf h q hxl sg BU	Pyq ehvsi t s mxwvhw&hg	Cnfymnf sr gyf xsv ryq ehv f wd			Odt gmf sr rihf xmr xmq h BU w	Q&hvf ywhr xt vsxhf x8h gh&mh					TCD			
					Ps si fsr gyf xsw	Nn8h q q	f t f q q		BU EP	V2t h	Tdxmk A	Ul svx fnf ymn fdt df m2 oA	Od1mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk f ywhr x p r q A
6A2W6256	Qzv%r	Qa755	P	6		73>	73>	539	A5D9B27	M	7>	7>	f YLg	Y4L	Y4L	Y4L	Y4L
6A2W7256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
6A2W8256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
6B2W6256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
6B2W7256	d s%X r z %l %QM2YR9	R	P	6		65	65	>35	A5D9B27	M	C5	7>	f YLg	Y4L	Y4L	Y4L	Y4L
6B2W8256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
6C2e256	Vwv%W6	R	P	6		8>	L	539	A5D9B27	M	A8	7>	f YLg	Y4L	Y4L	Y4L	Y4L
6D2e256	h r % % vu	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	A5D9B27	M	A8	7>	Y4L	Y4L	Y4L	Y4L	Y4L
752e256	d s%X r z %l %QM2YM6	R	P	6		8>	L	>35	A5D9B27	M	655	7>	f YLg	Y4L	Y4L	Y4L	Y4L
762e256	d s%X r z %l %QM2YM7	R	P	6		7>	L	>35	A5D9B27	M	655	7>	f YLg	Y4L	Y4L	Y4L	Y4L
772e256	d s%X r z %l %QM2YR6	R	P	6		7>	L	>35	A5D9B27	M	655	7>	f YLg	Y4L	Y4L	Y4L	Y4L
782e256	d s%X r z %l %QM2YR7	R	P	6		7>	L	>35	A5D9B27	M	655	7>	f YLg	Y4L	Y4L	Y4L	Y4L
792e256	a w %: z	O	M	6		8>	7>	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU CPOVIOWAVIPO P F BPATD N DB

Cmfymnryq ehv	Csrxmnym2 Ω					Irwypdxnar vhwwwdrfh			Rspplvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmnnardpmisvq dxnar 0 l hvh vhuynxhg
	Tmk imdpf nxf ynwwsrp2 q hdwyvhg hr g xs hr g			Appf nxf ynwv		Nr8h Nr8h	Nr8h Edvwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
6A2W6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	7>5		Y4.	Y4.	Y4.	Y4.	
6A2W7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6A2W8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6B2W6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6B2W7256	Y4.	Y4.	Y4.	5368	Y4.	WDX	WDX	7>5	Y4.	5369	Y4.	Y4.	Y4.	
6B2W8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6C2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	7>5		Y4.	Y4.	Y4.	Y4.	
6D2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
752e256	Y4.	Y4.	Y4.	5359	Y4.	WDX	WDX	7>5	Y4.	535>	Y4.	Y4.	Y4.	
762e256	Y4.	Y4.	Y4.	535B	Y4.	WDX	7550	7>5	Y4.	535C	Y4.	Y4.	Y4.	
772e256	Y4.	Y4.	Y4.	535D	Y4.	WDX	WDX	7>5	Y4.	5365	Y4.	Y4.	Y4.	
782e256	Y4.	Y4.	Y4.	5359	Y4.	WDX	7550	7>5	Y4.	535>	Y4.	Y4.	Y4.	
792e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	7>5		Y4.	Y4.	Y4.	Y4.	

NICEIC APPROVED CONTRACTOR

Ynoy i kxfbio gfk oy t uff0grio d ffhk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffxkj

CAN WA M d l EICT f

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

Kyy&kj di gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkio gr Kyfgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvmtxmar	V2th si O mmk whh issxhvxs RATV B	Thihwhr f h q hxf sg BU	Pyq ehvsi t smxwvhw&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmfsr rhf xmar xmq h BU	Q&hvf ywhr xt vsxhf xr&h gh&rhh					TCD			
					Ps si fsr gyfxsw	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul sv x fnf ymx fdt df m2 oA	Od l mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562/6256	d t flv 2N %i uz	O	M	9	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
562/7256	d t flv 2N %i uz	O	M	9	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
562/8256	d t flv 2N %i uz	O	M	9	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
572/6256	d t flv 2N %i uz	O	M	9	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
572/7256	d t flv 2O4L%i	O	M	9	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
572/8256	d t flv 2O4L%i	O	M	9	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
582/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582/7256	d t flv 2Nd%Zwt v	O	M	65	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
582/8256	h r v %Svr v %N %i uz	O	M	6	6	9	9	539	A5CDC	M	75	65	736D	Y4.	Y4.	Y4.	Y4.
592e256	Q v%2 r t	O	M	6	8	73>	73>	539	A5CDC	N	6A	65	63BB	Y4.	Y4.	Y4.	Y4.
5>2/6256	dvt z %Qt	O	M	6	6	73>	73>	539	A5CDC	M	6A	65	73B8	Y4.	Y4.	Y4.	Y4.
5>2/7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2/8256	Sr u%Q v	O	M	6	6	9	9	539	A5CDC	M	75	65	736D	Y4.	Y4.	Y4.	Y4.
5A2/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2/7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2/8256	P r t %Qr	O	M	6	6	63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
5B2/6256	Wxy z x2i %i uz	O	M	D	6	73>	73>	539	A5CDC	N	6A	65	63BB	Y4.	Y4.	Y4.	Y4.
5B2/7256	Wxy z x2i %i uz	O	M	C	6	73>	73>	539	A5CDC	N	6A	65	63BB	Y4.	Y4.	Y4.	Y4.

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn t sf yt s OM2Yd8

Nt hf yt s t kDB 7 u%Q %Nl v r v % s r u% v%

e i g 535C (Ω) Ct skvw f yt s t kxzuuq t ut q vwyl (...✓...)

q µk f yDB† A357 pA Smf xj xj vzj shj ht skvw j i † (...✓...)

URD Dhxdrpw

Wfuj x W (Y4.) W (Y4.) W (Y4.) P A (...✓...)

Vyf yzx rsi rhf yt whrnj hpj i (Y4.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq t yt DB nx kvt r X OM26%2i %572e256

Q&hvf ywhr xt vsxhf xr&h ghrfhh isvx l h gnxxvreyxmar f nf ymx

BV EP (A5D9B27) Wfuj (M) Ptr rsf qfft qf l j (955) a Ufymsl (655) A Pt t kumf xj x (8)

Awwsf rdxhg TCD rndr 2

BV EP (Y4.) UCD Wfuj (Y4.) q s (Y4.) Pt t kut qj x (Y4.) Ruj wfymsl ymr j (Y4.) r x

&rnj s ymx kdzvj nx st yyf pj s kvtr BV xyf yj xt zvhj Y4.

Wmx vj ut wynx gf xj i t s ymj r t i j qkt wr x ht sy f rsj i &nymsf uuj sir0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar Ol hvh vhuy nxhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g		Appf nf ymw			Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
562/6256	53>A	53>A	53>>	537B	Y4.	WIX	7550	7>5	✓	53BA	793D	✓	Y4.	
562/7256	537A	537B	537A	5368	Y4.	WIX	7550	7>5	✓	5376	6B35	✓	Y4.	
562/8256	53>8	53>8	53>8	537B	Y4.	WIX	7550	7>5	✓	53B>	7935	✓	Y4.	
572/6256	53DC	53DC	53DB	539D	Y4.	WIX	7550	7>5	✓	53>B	7D0D	✓	Y4.	
572/7256	53B7	53B7	53B8	53BA	Y4.	WIX	7550	7>5	✓	5399	7D35	✓	Y4.	
572/8256	53B>	53B>	53BA	53BC	Y4.	WIX	7550	7>5	✓	539>	6D0D	✓	Y4.	
582/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
582/7256	53BC	53BC	5396	5375	Y4.	WIX	7550	7>5	✓	537C	7C35	✓	Y4.	
582/8256	Y4.	Y4.	Y4.	53BA	Y4.	WIX	7550	7>5	✓	5399	Y4.	Y4.	Y4.	
592e256	Y4.	Y4.	Y4.	WIX	Y4.	WIX	7550	7>5		WIX	Y4.	Y4.	Y4.	
5>2/6256	Y4.	Y4.	Y4.	5377	Y4.	WIX	WIX	7>5	✓	5385	Y4.	Y4.	Y4.	
5>2/7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5>2/8256	Y4.	Y4.	Y4.	WIX	Y4.	WIX	7550	7>5		WIX	Y4.	Y4.	Y4.	
5A2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5A2/7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

Cnwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xynsl Y4.

VEUVED Bb

Pf r j hf unyf cx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 6546547578

VEUV IPUVTWO EPVU

Ozgnnkzshyrts	Ctsynszny!	Isxzdjyrts vjyxnxyfshj	Efwynkfzqyqttu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j jhyffjsjxxnxffjvwkgi zxnsl fs fqyjvsfynsl hzwjysyyjxyfyvfryji vjyxnizfqtujvfrynsl hzwjysy qs

CQDEU isv V2th si 0 nnnk	A Vnjvw tudfxynhnsxzdfyji xnjfynji hfggjx	B Vnjvw tudfxynhhfggjxns r jyfqnhhtsizny	C Vnjvw tudfxynhhfggjxns sts r jyfqnhhtsizny	D Vnjvw tudfxynhhfggjxns r jyfqnhywzspnsl	E Vnjvw tudfxynhhfggjxns sts r jyfqnhywzspnsl	F Vnjvw tudfxynh Vb A hfggjx	G Vnjvw txjyynsl Vb A hfggjx	H Onsjvfrqnsxzdfyji hfggjx

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj ot gi i uxj gt i k 1 ofh BX A Wkw&oxks kt ffy lux Erki ffko| gr Kyfgmrgffout y

RATV A UCHEDWME PF CITCWV DEVAIMJ CPOVIOWAVIPO PF BPATD DB OU

Cnfymr yq ehv	Cnfymoghwfvmtxmar	V2th si O nmmk whi ssxhvs RATV B	Thihvhrf h q hxl sg BU	Pyq ehvsi t s mxwvhv&hg	Cnfymfsr gyfxsv ryq ehv fwd Ps si fsr gyfxswv	Nm&h q q	f t f q q	Odt gmf sr rhf xmar xmq h BU w	Q&hvf ywhr xt vsxhf x&h gh&mh BU EP	V2t h	Tdxmk A	Ul svx fnfymn fdt df m2 oA	Od1mq yq t hvq mxhg cw Ω	TCD BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
5A2W6256	P rt %Qr	O	M	6		63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5B2W6256	Wxky z x2t %i uz	O	M	D		73>	73>	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5B2W7256	Wxky z x2t %i uz	O	M	C		73>	73>	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5B2W6256	Wxky z x2t %i uz	O	M	C		73>	73>	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5C2W6256	Wxky z x2t %i uz %Zwtv	O	M	9		63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5C2W7256	Wxky z x2u+ %i v	O	M	7		63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5C2W6256	Wxky z x2sr v %i v	O	M	7		63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5D2e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
652e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
662e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
672e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU CPOVIOWAVIPO P F BPATD DB OU

Cmfymr yq ehv	Csrxmymr2 Ω					Irwypdxrar vhwwwdrfh			Rspfvmr2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar 0 l hvh vhuy nxhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
5A2W6256	Y4L	Y4L	Y4L	WDX	Y4L	WDX	7550	7>5		WDX	Y4L	Y4L	Y4L	
5B2W6256	Y4L	Y4L	Y4L	53>C	Y4L	WDX	7550	7>5	✓	53AA	Y4L	Y4L	Y4L	
5B2W7256	Y4L	Y4L	Y4L	53AD	Y4L	WDX	7550	7>5	✓	53BB	Y4L	Y4L	Y4L	
5B2W6256	Y4L	Y4L	Y4L	53>C	Y4L	WDX	7550	7>5	✓	53AA	Y4L	Y4L	Y4L	
5C2W6256	Y4L	Y4L	Y4L	53B7	Y4L	WDX	7550	7>5	✓	53C5	Y4L	Y4L	Y4L	
5C2W7256	Y4L	Y4L	Y4L	5366	Y4L	WDX	7550	7>5	✓	536D	Y4L	Y4L	Y4L	
5C2W6256	Y4L	Y4L	Y4L	537C	Y4L	WDX	7550	7>5	✓	53BA	Y4L	Y4L	Y4L	
5D2e256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
652e256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
662e256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
672e256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj ct gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkoi gr Kyfbgmrgfbut y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvrtnxmr	V2th si O nmmk whh issxhvxs RATV B	Thihwhr f h q hxf sg BU	Pyq ehvs i t s mxwvwhx&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmfsr rhfxmr xmq h BU	Q&hvfywhr xt vsxhfxr&h gh&rhh					TCD			
					Ps si fsr gyfxsww	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul s vx fnfymx fdt df m2 oA	Odtmq yq thvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562/6256	Vxky z x2 r %	O	M	65	6	63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
562/7256	Vxky z x2s zv %	O	M	9	6	63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
562/8256	d t flv 2a r %?M zv %	O	M	>	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
572e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xnt sf yt s OM2Yc6

Nt hf yt s t kDB e %Q %Xr z %a r %

e i g 536> (Ω) Ct skvw f yt s t kxzuuq t ut q vwyl (✓)

q µk f yDB† 8357 pA Smf xj xj vzj shj ht skvw j i † (✓)

URD Dhxdrpw

Wt uj x W (Y4.) W (Y4.) W (Y4.) P A (✓)

Vyf yzx rsi rnf yt whrnj hpj i (Y4.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq t yt DB nx kvtr XOM26%2l %582e256

Q&hvfywhr xt vsxhfxr&h ghrfhh isvxl h gnxxvreyxmr f nfymx

BV EP (A5D9B27) Wt uj (M) Ptr rsf qfft qf l j (955) a Ufyrsl (655) A Pt t kumf xj x (8)

Awwsf rdxhg TCD rndr 2

BV EP (Y4.) UCD Wt uj (Y4.) q s (Y4.) Pt t kut qj x (Y4.) Ruj wfyrsl yrr j (Y4.) r x

&rnj s ymx kl zvj nx st yyf pj s kvtr BV xyf yj xt zvhj Y4.

Wrnx vj ut wynx gf xj i t s yrnj r t i j qkt wr x ht syf rsj i &nyrns f uuj si r0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgrnk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I EICT f

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymryq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562V6256	Y4.	Y4.	Y4.	53B6	Y4.	WDX	7550	7>5	✓	53CA	Y4.	Y4.	Y4.	
562V7256	Y4.	Y4.	Y4.	53B5	Y4.	WDX	7550	7>5	✓	539>	Y4.	Y4.	Y4.	
562V8256	53>7	53>6	536A	536B	Y4.	WDX	7550	7>5	✓	5387	7D35	✓	Y4.	
572a256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
582a256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
592a256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5>2a256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5A2a256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5B2a256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5C2a256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5D2a256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
652a256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
662a256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
672a256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

Cnwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xynsl Y4.

VEUVED Bb

Pf r j hf unyf qx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 5D46547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsynszny	Isxzdjyrts vjyxnxyfshj	Efwynkfzqyqtu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j jhyffjsjxxnxffjvwkgi zxnsl fs fqyjvsfynsl hzwjysyyjxyfyvfryji vjyxnizfqtujvfrynsl hzwjysy q$_s$

CQDEU isv V2th si 0 nnmk	A Wrjw tudjxyhnsxzdjyji xmjfynji hfggjx	B Wrjw tudjxyhhfggjxns r jyfqphhtsizry	C Wrjw tudjxyhhfggjxns sts r jyfqphhtsizry	D Wrjw tudjxyhhfggjxns r jyfqphywzspnsl	E Wrjw tudjxyhhfggjxns sts r jyfqphywzspnsl	F Wrjw tudjxyh Vb A hfggjx	G Wrjw txjyynsl Vb A hfggjx	H Onsjvfrqnsxzdjyji hfggjx

NICEIC APPROVED CONTRACTOR

Ynoy i kxfbói gfk oy t uff0grój ó ffnk ykxogrt &s hkx
ngy hkkt j klgi kj ux grffkxkj

CAN WA M d I EICT f

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj ó gi i uxj gt i k 1 ófn BX A Wkw&oxks kt ffy lux Erki ffkói gr Kyfbgmrgfbut y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymghwfvmtxmr	V2th si O mmk whi ssxhvs RATV B	Thihvhr fh q hxf sg BU	Pyq ehvsi t smwvwhv&hg	Cnfymr sf sr gyfxsv r yq ehv f wd			Odl gmf sr r hf xmr xmq h BU w	Q&hvf ywhr xt vsxhf xr&h gh&rhh					TCD			
					Ps si fsr gyfxsw	Nr&h q q	f t f q q		BU EP	V2t h	Tdxmk A	Ul sv x f nf ymn fdt df m2 oA	Odl mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562e256	d s%rz %l%OM2Pd6	R	P	6	8	8>	L	>35	A5D9B27	M	655	7>	f YLg	Y4.	Y4.	Y4.	Y4.
572e256	d s%rz %l%OM2Oz v %rtfl	R	P	6	8	7>	L	>35	A5D9B27	M	655	7>	f YLg	Y4.	Y4.	Y4.	Y4.
582e256	Vwv%l	Q	P	6	8	A	L	>35	A5D9B27	M	95	7>	f YLg	Y4.	Y4.	Y4.	Y4.
592e256	d s%rz %l%OM2N	Q	P	6	8	65	L	>35	A5D9B27	M	95	7>	f YLg	Y4.	Y4.	Y4.	Y4.
5>2e256	d s%rz %l%OM2L	R	P	6	8	7>	L	>35	A5D9B27	M	C5	7>	f YLg	Y4.	Y4.	Y4.	Y4.
5A2e256	d s%rz %l%OM2M	R	P	6	8	D>	L	>35	A5D9B27	M	655	7>	f YLg	Y4.	Y4.	Y4.	Y4.
5B2e256	h r % % vu	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	A5D9B27	M	A8	7>	Y4.	Y4.	Y4.	Y4.	Y4.
5C2e256	T r %l zty%v %s %Os2v	R	P	6	8	65	L	>35	A5D9B27	M	>5	7>	f YLg	Y4.	Y4.	Y4.	Y4.
5D2e256	d s%rz %l%OM2P	Q	P	6	8	65	65	>35	A5D9B27	M	95	7>	f YLg	Y4.	Y4.	Y4.	Y4.
652e256	Rr %wxy z x%l	Y4.	Y4.	Y4.	8	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662e256	d s%rz %l%OM2V	R	P	6	8	8>	L	>35	A5D9B27	M	655	7>	f YLg	Y4.	Y4.	Y4.	Y4.
672W62e56	Vwxy z x2v v xv tzv	S	P	6	6	73>	d	539	A5D9B27	M	75	7>	f YLg	Y4.	Y4.	Y4.	Y4.
672W72e56	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672W62e56	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
682e256	Xtt 257%y rt.	R	P	6	8	D>	L	>35	A5D9B27	M	7>5	7>	f YLg	Y4.	Y4.	Y4.	Y4.
692e256	d s%rz %l%OM2O	Q	P	6	8	6A	L	>35	A5D9B27	M	C5	7>	f YLg	Y4.	Y4.	Y4.	Y4.

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn t sf yt s XOM27

Nt hf yt s t kDB Z u%w%l zty%s

e i g 5358.(Ω) Ct skvw f yt s t kxzuuq utd f vwyl (...✓....)

q µk f yDB† 653A pA Smf xj xj vzj shj ht skvw j i † (...✓....)

URD Dhxdrpw

Vfuj x W(.Y4..) W(.Y4..) W(.Y4..) P A(...✓...)

Vyf yzx rsi rnf yt whrnj hpj i (.Y4..)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuud j yt DB nx kvtr XOM26%l %5A2e256

Q&hvf ywhr xt vsxhf xr&h ghrhh isvx l h gnwxvreyxmr f nf ymn

BV EP (.....A5D9B27.....) Vfuj (.....M.....) Ptr rsf qfft gf l j (.955.....) a Ufymsl (.955.....) A Pt t kumf xj x (...8.....)

Awwsf rdxhg TCD rndr 2

BV EP (.....Y4.....) UCD Vfuj (.Y4.....) q s (.Y4.....) Pt t kutqj x (.Y4.....) Ruj vfymsl ymr j (.Y4.....) r x

&rnj s ymn xk l zvj nx st yyf pj s kvtr BV xyf yj xt zvhj Y4.

Vfmn xvj ut wynn gf xj i t s ymj r t i j qk t vr x ht sy f rsj i &nymn s f uuj si r0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmrk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P.( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymryq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562e256	Y4.	Y4.	Y4.	5366	Y4.	WDX	WDX	7>5	Y4.	5369	Y4.	Y4.	Y4.	
572e256	Y4.	Y4.	Y4.	5366	Y4.	WDX	7550	7>5	Y4.	5369	Y4.	Y4.	Y4.	
582e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	7>5		Y4.	Y4.	Y4.	Y4.	
592e256	Y4.	Y4.	Y4.	5367	Y4.	WDX	WDX	7>5	Y4.	536>	Y4.	Y4.	Y4.	
5>2e256	Y4.	Y4.	Y4.	5356	Y4.	WDX	WDX	7>5	Y4.	5359	Y4.	Y4.	Y4.	
5A2e256	Y4.	Y4.	Y4.	535D	Y4.	WDX	WDX	7>5	Y4.	5367	Y4.	Y4.	Y4.	
5B2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5C2e256	Y4.	Y4.	Y4.	5368	Y4.	WDX	7550	7>5	✓	536A	Y4.	Y4.	Y4.	
5D2e256	Y4.	Y4.	Y4.	537>	Y4.	WDX	7550	7>5	Y4.	537C	Y4.	Y4.	Y4.	
652e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
662e256	Y4.	Y4.	Y4.	535A	Y4.	WDX	WDX	7>5	Y4.	535D	Y4.	Y4.	Y4.	
672V62256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	WDX	7>5	✓	WDX	Y4.	Y4.	Y4.	
672V72256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
672V82256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
682e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	7>5		Y4.	Y4.	Y4.	Y4.	

Cvwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xyrnsl Y4.

VEUVED Bb

Pf r j hf unyf cx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 6646547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsyrszny	Isxzcfyrts vjyxnxyfshj	Efwynkfzcyqtu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j hyrffjsj xx nx ffj vwkgi zxrnsl fs fqyjvsfyrnsl hzwjysyyjxyfyvfryji vjyxnizfqtujvfryrnsl hzwjysy qs

CQDEU isv V2th si 0 nnmk	A Vrrjw tudfxyrhnsxzcfyji xrnjfynji hfggjx	B Vrrjw tudfxyrhhfggjxrns r jyfqphhtsizry	C Vrrjw tudfxyrhhfggjxrnsts r jyfqphhtsizry	D Vrrjw tudfxyrhhfggjxrns r jyfqphywzsprnsl	E Vrrjw tudfxyrhhfggjxrnsts r jyfqphywzsprnsl	F Vrrjw tudfxyrh Vb A hfggjx	G Vrrjw txjyyrnsl Vb A hfggjx	H Ornsjvfrqrnsxzcfyji hfggjx

Vrnxvjutwnxgfxji t s ynj r t ijqktwr x htsyfrnsji &nynns fuujsin0 tkBV A **Cvhdxhg e2 VsxdpCsq t pdrfh Usix0 dvh**

Sgmk ul

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj d gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkoi gr K yfgmrgffout y

RATV A UCHEDWME P F CITCWIV DEVAIMJ CPOVIOWAVIPO P F BPATD N DB

Cnfymryq ehv	Cnfymghwfvtbxmr	V2th si O nmnk whi ssxhvs RATV B	Thihvhrf h q hxd sg BU	Pyq ehvsi t s mxwvhv&hg	Cnfymnf sr gyf xsv ryq ehv f wd			Odl gmf sr rihf xmr xmq h BU	Q&hvf ywhr xt vsxhf x8h gh&fnh					TCD			
					Ps si fsr gyf xsw	Nn8h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul svx fnf ymn fdt df m2 oA	Odl mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk f ywhr x p r q A
692e256	d s%x r z %l %OMEO	Q	P	6		6A	L	>35	A5D9B27	M	C5	7>	f YLg	Y4L	Y4L	Y4L	Y4L

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU CPOVIOWAVIPO P F BPATD N DB

Cnfymnryq ehv	Csrxmnym2 Ω					Irwypdxnar vhwwwdrfh			Rspfvm2	Odl q hdvwvhg hdvd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmnsrdpmisvq dxnar 0 l hvh vhuynxhg
	Tmk imdpf nf ynwsrp2 q hdwyvhg hr g xs hr g			Appf nf ynwv		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
692e256	Y4L	Y4L	Y4L	535B	Y4L	WDX	7550	7>5	Y4L	5365	Y4L	Y4L	Y4L	

NICEIC APPROVED CONTRACTOR

Ynoy i kxfbio gfk oy t uff0grio d ffhk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffxkj

CAN WA M d I EICT f

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

Kyy&kj di gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkio gr Kyfgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvrtnxmr	V2th si O nmmk whhissxhvxs RATV B	Thihwhr f h q hxf sg BU	Pyq ehvsi t s mxwvhw&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmxfsr rhfxmr xmq h BU	Q&hvfywhr xt vsxhfxr&h gh&rhh					TCD			
					Ps si fsr gyfxsww	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul sw x fnxfymx fdt dfm2 oA	Od l mq yq t hvq nxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562/6256	d tflv 2N ww tv%s	O	M	A	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
562/7256	N ww tv%s %Mz u	O	M	6	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
562/8256	d tflv 2ar %s v	O	M	7	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
572/6256	f fl	O	M	WDX	6	63>	63>	WDX	A5CDC	M	A	65	WDX	Y4L	Y4L	Y4L	Y4L
572/7256	d tflv 2N ww tv%s	O	M	9	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
572/8256	d tflv 2Nvr v t ww tv%s	O	M	8	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
582e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
592e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5>2/6256	Wxky z x2 r %s fWss	O	M	A	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5>2/7256	Wxky z x2 r %r fl	O	M	Y4g	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5>2/8256	Wxky z x2r xv%r fl	O	M	Y4g	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5A2/6256	Wxky z x2l ww tv%s %l %4 v	O	M	9	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5A2/7256	Wxky z x2l ww tv%s	O	M	C	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5A2/8256	Wxky z x2l ww tv%s %l v	O	M	6	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5B2/6256	Qzv%r %r v	Qa755	M	6	6	73>	73>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5B2/7256	cruxr %l %Wy	O	M	6	6	65	65	539	A5CDC	N	87	65	53AC	Y4L	Y4L	Y4L	Y4L
5B2/8256	cruxr %l %y	O	M	6	6	65	65	539	A5CDC	N	87	65	53AC	Y4L	Y4L	Y4L	Y4L
5C2e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn t sf yt s OM2Pd6

Nt hf yt s t kDB 6 %Q %N wv tv%s %l v

e i g 5369 (Ω)

q µk f yDB† 936B pA

Ct skvw f yt s t kxzuuq t utq vwyl (✓)

Smf xj xj vzj shj ht skvw j i † (✓)

URD Dhxdrpw

Wtuj x W (Y4L) W (Y4L) W (Y4L) P A (✓)

Vyf yzx rsi rhf yt wh rnj hpj i (Y4L)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq t yt DB nx kvtr X OM27%l %562e256

Q&hvf ywhr xt vsxhf xr&h gh rfhh isvx l h gnwxvreyxnsr f nxfymx

BV EP (A5D9B27) Wtuj (M) Ptr nsf qfft qyf l j (955) a Ufyns l (655) A Pt t kumf xj x (8)

Awwsf rdxhg TCD rndr 2

BV EP (Y4L) UCD Wtuj (Y4L) q s (Y4L) Pt t kut qj x (Y4L) Ruj wfyns l yn r j (Y4L) r x

&rnj s ymx kl zvj nx st yyf pj s kvtr BV xyf yj xt zwhj Y4L

Wtnx vj ut wynx gf xj i t s ynj r t i j qk tw r x ht sy f ns j i &nyms f uuj si n0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0gro j o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmymz Ω					Irwypdxrar vhwwwdrfh			Rspfvnz	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrsr dpmisvq dxrar Ol hvh vhuynxhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
562V6256	5399	5396	538D	5375	Y4.	WDX	7550	7>5	✓	5389	6D65	✓	Y4.	
562V7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
562V8256	5387	5387	537D	536A	Y4.	WDX	7550	7>5	✓	537D	7D65	✓	Y4.	
572V6256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
572V7256	5379	5379	5377	5367	Y4.	WDX	7550	7>5	✓	537A	6D	✓	Y4.	
572V8256	537>	537>	5379	5368	Y4.	WDX	7550	7>5	✓	537>	6C3A	✓	Y4.	
582e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
592e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5>2V6256	Y4.	Y4.	Y4.	53A5	Y4.	WDX	7550	7>5	✓	5389	Y4.	Y4.	Y4.	
5>2V7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
5>2V8256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
5A2V6256	Y4.	Y4.	Y4.	5389	Y4.	WDX	7550	7>5	✓	539C	Y4.	Y4.	Y4.	
5A2V7256	Y4.	Y4.	Y4.	5399	Y4.	WDX	7550	7>5	✓	53-C	Y4.	Y4.	Y4.	
5A2V8256	Y4.	Y4.	Y4.	5365	Y4.	WDX	7550	7>5	✓	5379	Y4.	Y4.	Y4.	
5B2V6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	

Cvwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xyrnsl Y4.

VEUVED Bb

Pf r j hf unyf cx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 6546547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsyrszryl	Isxzdjyrts vjyxnxyfshj	Efwynkfzqyqttu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j jhyffjsjxxnxffjvwkgi zxrnsl fs fqyjvsfyrsl hzwjysyyjxyfyvfryji vjyxnizfqtujvfryrsl hzwjysy q s

CQDEU isv V2th si 0 nnmk	A Vrrjw tudjxyrhnsxzdjyji xrnjfyrnji hfggjx	B Vrrjw tudjxyrhhfggjxrns r jyfqrhhtsizry	C Vrrjw tudjxyrhhfggjxrnsts r jyfqrhhtsizry	D Vrrjw tudjxyrhhfggjxrns r jyfqrhywzsprnsl	E Vrrjw tudjxyrhhfggjxrnsts r jyfqrhywzsprnsl	F Vrrjw tudjxyrh Vb A hfggjx	G Vrrjw txjyyrsl Vb A hfggjx	H Onsjvfrqrnsxzdjyji hfggjx

Vrnxvjyutwynxgfxjitsynjrtijqktwrxhtsyfrnsji &nynnsfuujsin0 tkBV A **Cvhdxhg e2 VsxdpCsq t pdrfh Usix0 dvh**

Sgmk ul

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj ot gi i uxj gt i k 1 ofh BX A Wkw&oxks kt ffy lux Erki ffkoi gr Kyfgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMJ

CPOVIOWAVIPO P F BPATD DB EU

Cnfymr yq ehv	Cnfymghwfvtnxmr	V2th si O nmnk whi ssxhvs RATV B	Thihvhrf h q hxl sg BU	Pyq ehvsi t s mxwvhv&hg	Cnfymnf sr gyf xsv ryq ehv fwd			Odt gmf sr rhf xmr xmq h BU w	Q&hvf ywhr xt vsxhf x8h gh&mh					TCD			
					Ps si fsr gyf xsw v	Nn8h q q	f t f q q		BU EP	V2t h	Tdxmk A	Ul svx fnf ymn fdt df m2 oA	Od lmq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk f ywhr x p r q A
5B2V7256	cruz %l %Wy	O	M	6		65	65	539	A5CDC	N	87	65	53AC	Y4L	Y4L	Y4L	Y4L
5B2V8256	cruz %l %sy	O	M	6		65	65	539	A5CDC	N	87	65	53AC	Y4L	Y4L	Y4L	Y4L
5C2e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5D2e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
652e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
662e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
672e256	a r %s %N v	R	N	6		65	L	539	A5CDC	N	A8	65	53B>	Y4L	Y4L	Y4L	Y4L

APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU CPOVIOWAVIPO P F BPATD DB EU

Cmfymnryq ehv	Csrxmymn2 Ω					Irwypdxnar vhwnwdrfh			Rsptvnn2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggnnsrdpmisvq dxnar 0 l hvh vhuynnhg
	Tmk imdpfnnfynwsrp2 q hdwyvhg hr g xs hr g			Appfnnfynw		Nn8h Nn8h	Nn8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
5B2V72560	Y4.	Y4.	Y4.	5369	Y4.	WDX	7550	7>5	✓	537C	Y4.	Y4.	Y4.	
5B2V82560	Y4.	Y4.	Y4.	536D	Y4.	WDX	7550	7>5	✓	5388	Y4.	Y4.	Y4.	
5C2e2560	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5D2e2560	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
652e2560	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
662e2560	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
672e2560	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	7>5		Y4.	Y4.	Y4.	Y4.	

NICEIC APPROVED CONTRACTOR

Ynoy i kxfbio gfk oy t uff0grojo ffhk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj di gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkoi gr Kyfgmrgfbut y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvmtxmar	V2th si O mmk whh issxhvxs RATV B	Thihwhr f h q hxf sg BU	Pyq ehvsi t s mxwvhw&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odl gmfsr rhfxmar xmq h BU	Q&hvfywhr xt vsxhfxm&h ghr&rhh					TCD			
					Ps si fsr gyfxsww	Nm&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul sv x fmfymx fdt dfm2 oA	Odl mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562/6256	Oz v %rt fl%d	O	M	6	6	63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
562/7256	Oz v %rt fl%d	O	M	6	6	63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
562/8256	Oz v %rt fl%d	O	M	6	6	63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
572/6256	Oz v %rt fl%d	O	M	6	6	63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
572/7256	Oz v %rt fl%d	O	M	6	6	63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
572/8256	Oz v %rt fl%d	O	M	6	6	63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
582/6256	Oz v %rt fl%d	O	M	6	6	63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
582/7256	Oz v %rt fl%d	O	M	6	6	63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
582/8256	Oz v %rt fl%d	O	M	6	6	63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
592/6256	d s%rz %2l%OM2N rt %Oz v %N .	O	M	6	6	63>	63>	>35	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
592/7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn t sf yt s OM2Oz v %r t fl

Nt hf yt s t kDB er fl%

e_{ig} 5369 (Ω) Ct skvw f yt s t kxzuuq t ut q vwyl (✓)

$q_{\mu k}$ f yDB† 837> pA Smf xj xj vzj shj ht skvw j i † (✓)

URD Dhxdrpw

Wruj x W (Y4.) W (Y4.) W (Y4.) P A (✓)

Vyf yzx rsi rhf yt whrnj hpj i (Y4.)

VQ BE CQO RNEVED QPNb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq t yt DB nx kvtr XOM27%2l%572e256

Q&hvf ywhr xt vsxhf xm&h ghrfhh isvx l h gnmxvmeyxmsr f mf ymx

BV EP (A5D9B27) Wruj (M) Ptr rsf qfft qyf l j (955) a Ufyrsl (655) A Pt t kumf xj x (8)

Awwsf rdxhg TCD rmdr 2

BV EP (Y4.) UCD Wruj (Y4.) q_s (Y4.) Pt t kut qj x (Y4.) Ruj wfyrsl yrr j (Y4.) r x

&rnj s ymx kl zvj nx st yyf pj s kvtr BV xyf yj xt zvhj Y4.

Wmx vj ut wynx gf xj i t s yrnj r t i j qkt wr x ht syf rsj i &rymsf uuj sir0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I | EICT f

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P.( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymryq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562/6256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
562/7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
562/8256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
572/6256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
572/7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
572/8256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
582/6256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
582/7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
582/8256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
592/6256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	Y4.	536>	Y4.	Y4.	Y4.	
592/7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
592/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5>2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5A2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

Cvwhznyx jvznur jsyffzcqsjvfrggjyt ifr flj &rnjs yjxyrnsl Y4.

VEUVED Bb

Pfr j hfunyfqx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 5D46547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsyrszryl	Isxzdjyrts vjyxnxyfshj	Efwymkfzqyqttu rr ujifshj	Efwym Eqjhywrij Ujxnxyfshj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j jhyffjsjxxnxffjvwkgji zxrnsl fs fqyjvsfyrnsl hzwjysyyjxyfyvfvyji vjyxnizfqtujvfryrnsl hzwjysy qs

CQDEU isv V2th si 0 nmnk	A Vrjvw tudjxyrhnsxzdjyji xrnjfyrnji hfggjx	B Vrjvw tudjxyrhhfggjxrns rjyfqphhtsizry	C Vrjvw tudjxyrhhfggjxrnsts rjyfqphhtsizry	D Vrjvw tudjxyrhhfggjxrns rjyfqphywzsprnsl	E Vrjvw tudjxyrhhfggjxrnsts rjyfqphywzsprnsl	F Vrjvw tudjxyrh Vb Ahfggjx	G Vrjvw txjyyrnsl Vb Ahfggjx	H Ornsjvfrqrnsxzdjyji hfggjx

Vrnxvjyutwynxgfxjitsyrnjrtijqktwrxhtsyfrnsji &rymsfuujsir0 tkBV A

Cvhdxhg e2 VsxdpCsq t pdrfh Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxfbio gfk oy t uff0grio d ffnk ykxogrt &s hkx
ngy hkkt j klgi kj ux grffxkj

CAN WA M d l EICT f

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

Kyy&kj di gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkio gr Kyfbgrngffbut y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvrtnxrar	V2th si O rnmk whh issxhvxs RATV B	Thihvhr fh q hxf sg BU	Pyq ehvsi t srnxvwhw&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odl gmfsr rhfxrar xnq h BU	Q&hvfywhr xt vsxhfxr&h gh&rfnh					TCD			
					Ps si fsr gyfxsw	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxrnk A	Ul sv x fnfymx fdt dfm2 oA	Odl rnq yq t hvq nxhg cw Ω	BU EP	V2t h	Tdxrnk A	Qt hvdxrnk fywhr x p r q A
562/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
572/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582/6256	N rt 2uz r %&xyz x	O	M	6	6	73>	73>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2/6256	N rt 2uz r %&xyz x	O	M	6	6	73>	73>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2/6256	N rt 2uz r %&xyz x	O	M	6	6	73>	73>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2/6256	N rt 2uz r %&xyz x	O	M	6	6	73>	73>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662/6256	N rt 2uz r %&xyz x	O	M	6	6	73>	73>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
682/6256	N rt 2uz r %&xyz x	O	M	6	6	73>	73>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
692/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6>2/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6A2/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6B2/6256	N rt 2uz r %&xyz x	O	M	6	6	73>	73>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6C2/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xnl sf yt s OM2N rt %Oz v %l .

Nt hf yt s t kDB er fl%

e_{ig} 536>.(Ω) Ct skvw f yt s t kxzuuq utd f vwyl (...✓...)

$q_{\mu k}$ f yDB† 6369 pA Smf xj xj vzj shj ht skvw j i † (...✓...)

URD Dhxdrpw

Wfuj x W(.Y4..) W(.Y4..) W(.Y4..) P A(...✓...)

Vyf yzx rsi rnf yt whrnj hpj i (.Y4..)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq t yt DB nx kvtr OM2Oz v %rt fl%2l %92/6256

Q&hvf ywhr xt vsxhf xr&h gh rfnh isvxl h gnxvrneyxrar f nxf ymx

BV EP (.....A5CDC.....) Wfuj (.....N.....) Ptr rsf qfft gf l j (.....785.....) a Ufyrsl (.....65.....) A Pt t kurnf xj x (.....6.....)

Awwsf rdxhg TCD rndr 2

BV EP (.....Y4.....) UCD Wfuj (.....Y4.....) q_s (.....Y4.....) Pt t kutqj x (.....Y4.....) Rujvfyrsl yrr j (.....Y4.....) r x

&rnj s ymx kl zvj nx st yyf pj s kvtr BV xyf yj xt zvhj Y4.

Wrnx vj utwynx gf xj i t s yrnj r t i j qltvr x htsyf rsj i &rymsf uuj sir0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgrnk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grj o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmymz Ω					Irwypdxrar vhwwwdrfh			Rspfvnz	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrsr dpmisvq dxrar Ol hvh vhuy nxhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
562/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
572/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
582/6256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	536A	Y4.	Y4.	Y4.	
592/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5>2/6256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	536A	Y4.	Y4.	Y4.	
5A2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5B2/6256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	536A	Y4.	Y4.	Y4.	
5C2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5D2/6256	Y4.	Y4.	Y4.	535>	Y4.	WDX	7550	7>5	✓	5375	Y4.	Y4.	Y4.	
652/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
662/6256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	536A	Y4.	Y4.	Y4.	
672/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
682/6256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	536A	Y4.	Y4.	Y4.	
692/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6>2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

Cnwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xynsl Y4.

VEUVED Bb

Pf r j hf unyf cx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 5D46547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsynszny	Isxzdjyrts vjyxnxyfshj	Efwynkfzqyqtu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j jhyffjsjxxnxffjvwkgi zxnsl fs fqyjvsfynsl hzwjysyyjxyfyvfryji vjyxnizfqtujvfrynsl hzwjysy q s

CQDEU isv V2th si 0 nnnk	A Wrjvw tudfxynhnsxzdfyji xnjfynji hfggjx	B Wrjvw tudfxynhhfggjxnrs r jyfqnhhtsizny	C Wrjvw tudfxynhhfggjxnrssts r jyfqnhhtsizny	D Wrjvw tudfxynhhfggjxnrs r jyfqnhywzspnsl	E Wrjvw tudfxynhhfggjxnrssts r jyfqnhywzspnsl	F Wrjvw tudfxynh Vb A hfggjx	G Wrjvw txjyynsl Vb A hfggjx	H Onsjvfrqnsxzdfyji hfggjx

Wnnxvjutwnxgfxji t s ynj r t ijqktwr x htsyfnsji &nynns fuujsin0 tkBV A

Cvhdxhg e2 VsxdpCsq t pdrfh Usix0 dvh

Sgmk ul

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj ot gi i uxj gt i k 1 ofh BX A Wkw&oxks kt ffy lux Erki ffkoi gr Kyfgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMJ CPOVIOWAVIPO P F BPATD DB Cut 1df 1uy Dns s hy Cut 1yur

Cnfymr yq ehv	Cnfymoghwfvmtxmar	V2th si O nmnk whi ssxhvos RATV B	Thihwhrf h q hxd sg BU	Pyq ehvsi t s mxwvhw&hg	Cnfymnf sr gyfxsv ryq ehv fwd			Odt gmf sr rihf xmar xmq h BU w	Q&hvf ywhr xt vsxhf x8h gh&mh					TCD			
					Ps si fsr gyfxsww	Nn8h q q	f t f q q		BU EP	V2t h	Tdxmk A	Ul svx fnf ymn fdt df m2 oA	Od lmq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
6A2V6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6B2V6256	N rt 2uz r %Wxy z x	O	M	6		73>	73>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6C2V6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6D2V6256	N rt 2uz r %Wxy z x	O	M	6		73>	73>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
752V6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
762V6256	N rt 2uz r %Wxy z x	O	M	6		73>	73>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
772V6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
782V6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
792V6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
7>2V6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
7A2V6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
7B2V6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
7C2V6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU — CPOVIOWAVIPO P F BPATD DB Cut 1df 1uy Drns s hy Cut 1yur

Cmfymr yq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rsptvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar 0 l hvh vhuy nxhg
	Tmk imdpf nxf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nxf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
6A2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6B2/6256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	536A	Y4.	Y4.	Y4.	
6C2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6D2/6256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	536A	Y4.	Y4.	Y4.	
752/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
762/6256	Y4.	Y4.	Y4.	535A	Y4.	WDX	7550	7>5	✓	5376	Y4.	Y4.	Y4.	
772/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
782/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
792/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
7>2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
7A2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
7B2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
7C2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj dt gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkio gr Kyfbgmrgffbut y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymghwfvrtnxmr	V2th si O mmk whi ssxhvs RATV B	Thihwhr f h q hxd sg BU	Pyq ehvsi t s mwvwhx&hg	Cnfymfsr gyfxsv ryq ehv fwd			Odt gmfsr rhfxmr xmq h BU	Q&hvfywhr xt vsxhfxr&h gh&rhh					TCD			
					Ps si fsr gyfxsww	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul svx fnfymx fdt dfm2 oA	Odl mq yq thvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562/6256	Vxky z x2zv%X %	O	M	6	6	63>	63>	539	8CB6	7	65	A	8367	Y4L	Y4L	Y4L	Y4L
562/7256	Vxky z x2zv%Nr	O	M	Y4g	6	63>	63>	539	8CB6	7	65	A	8367	Y4L	Y4L	Y4L	Y4L
562/8256	Vxky z x2zv%lyr w	O	M	Y4g	6	63>	63>	539	8CB6	7	65	A	8367	Y4L	Y4L	Y4L	Y4L
572/6256	h r % % vu	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	8CB6	7	6A	A	Y4L	Y4L	Y4L	Y4L	Y4L
572/7256	Qr 2zv%X %	O	M	6	6	73>	73>	539	8CB6	7	65	A	8367	Y4L	Y4L	Y4L	Y4L
572/8256	h r % % vu	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	8CB6	7	6A	A	Y4L	Y4L	Y4L	Y4L	Y4L
582/6256	d tflv 2zv%az	O	M	6	6	9	9	539	A655D	M	75	65	6AAB	A655D	LN	Y4L	85
582/7256	d tflv 2zv%X % 3	O	M	6	6	9	9	539	A655D	M	75	65	6AAB	A655D	LN	Y4L	85
582/8256	h r % % vu	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	A5CDC	M	87	A	Y4L	Y4L	Y4L	Y4L	Y4L
592/6256	e sv%vr v	O	M	6	6	9	9	539	8CB6	7	6A	A	63D>	Y4L	Y4L	Y4L	Y4L
592/7256	h r % % vu	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	8CB6	7	6A	A	Y4L	Y4L	Y4L	Y4L	Y4L
592/8256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn sf yt s OM2N

Nt hf yt s t k DB Mr v v %&v2X %

e i g 536>.(Ω) Ct skvw f yt s t kxzuuq utq vwyl (...✓....)

q µk f yDB† 63>7 pA Smf xj xj vzj shj ht skvw j i † (...✓....)

URD Dhxdrpw

Wfuj x W(.Y4L.) W(.Y4L.) W(.Y4L.) P A(...✓....)

Vyf yzx rsi rnf yt whrnj hpj i (.Y4L.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq yt DB nx kvtr X OM27%1 %592e256

Q&hvf ywhr xt vsxhf xr&h ghrfhh isvx l h gnwxvreyxmsr f nf ymx

BV EP (.....A5D9B27.....) Wfuj (.....M.....) Ptr nsf qfft gf l j (.....955.....) a Ufymsl (.....95.....) A Pt t kumf xj x (.....8.....)

Awwsf rdxhg TCD rndr 2

BV EP (.....Y4L.....) UCD Wfuj (.....Y4L.....) q s (.....Y4L.....) Pt t kutqj x (.....Y4L.....) Rujvfymsl ymr j (.....Y4L.....) r x

&rnj s ymx kl zvjy nx st yyf pj s kvtr BV xyf yj xt zvhj Y4L

Wmx vjutwynx gf xj i t s ymj r t i jqltvw x htsyf nsj i &nymns f uujsi n0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffxxkj

CAN WA M d I EICT f

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P.( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymryq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rsplvm2	Odl q hdwvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwvhg hr gxs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562/6256	Y4.	Y4.	Y4.	5366	Y4.	WDX	7550	7>5	✓	537A	Y4.	Y4.	Y4.	
562/7256	Y4.	Y4.	Y4.	5387	Y4.	WDX	7550	7>5	✓	539B	Y4.	Y4.	Y4.	
562/8256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
572/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
572/7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
572/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
582/6256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	9D3A	✓	Y4.	
582/7256	Y4.	Y4.	Y4.	535A	Y4.	WDX	7550	7>5	✓	5376	7B35	✓	Y4.	
582/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
592/6256	Y4.	Y4.	Y4.	5358	Y4.	WDX	7550	7>5	✓	536C	Y4.	Y4.	Y4.	
592/7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
592/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

Cvwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xyrnsl Y4.

VEUVED Bb

Pf r j hf unyf cx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 5D46547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsyrszny	Isxzdfyrts vjyxnxyfshj	Efwynkfzqyqttu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j jhyffjsj xxnxffjvwkgi zxrnsl fs fqyjvsfyrnsl hzwjysyyjxyfyvfryji vjyxnizfqtujvfryrnsl hzwjysy qs

CQDEU isv V2th si 0 nnmk	A Vrrjvw tudfxyrhnsxzdfyji xrnjfyrnji hfggjx	B Vrrjvw tudfxyrhhfggjxrns rjyfqrhhtsizry	C Vrrjvw tudfxyrhhfggjxrnsts rjyfqrhhtsizry	D Vrrjvw tudfxyrhhfggjxrns rjyfqrhywzsprnsl	E Vrrjvw tudfxyrhhfggjxrnsts rjyfqrhywzsprnsl	F Vrrjvw tudfxyrh Vb A hfggjx	G Vrrjvw txjyyrnsl Vb A hfggjx	H Ornsjvfrqrnsxzdfyji hfggjx

Vrnxvjyutwynxgfxjits yrnjr tijqktvwrxhtsyfrnsji &nyrnsfuujsir0 tkBV A

Cvhdxhg e2 VsxdpCsq t pdrfh Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj di gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkoi gr Kyffgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymrqyq ehv	Cnfymxghwfvrtxmar	V2th si O nmmk whi issxhvxs RATV B	Thihvhr f h q hxf sg BU	Pyq ehvsi t s mxwvhw&hg	Cnfymrqsr gyfxsv ryq ehv fwd			Odi gmfsr rhfxmar xmq h BU	Q&hvfywvhr xt vsxhf xr&h gh&rfvh					TCD			
					Ps si fsr gyfxsww	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul sv x fnfymx fdt dfm2 oA	Odi mq yq thvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywvhr x p r qA
562/M625 6	Wxky z x2v xz v%Sr %a 26	O	M	A	6	73>	73>	539	A5CDC	O	75	65	53>>	Y4L	Y4L	Y4L	Y4L
562/M725 6	Wxky z x2v xz v%Sr %a 27	O	M	A	6	73>	73>	539	A5CDC	O	75	65	53>>	Y4L	Y4L	Y4L	Y4L
562/M625 6	Wxky z x2v xz v%Sr %a 28	O	M	A	6	73>	73>	539	A5CDC	O	75	65	53>>	Y4L	Y4L	Y4L	Y4L
572/M625 6	Wxky z x2v xz v%Sr %a 29	O	M	A	6	73>	73>	539	A5CDC	O	75	65	53>>	Y4L	Y4L	Y4L	Y4L
572/M725 6	Wxky z x2v xz v%Sr %N rt	O	M	6	6	63>	63>	539	A5CDC	N	A	65	83A9	Y4L	Y4L	Y4L	Y4L
572/M625 6	Wxky z x2t zu 4 v%vr %a t	O	M	D	6	63>	63>	539	A5CDC	N	65	65	73BD	Y4L	Y4L	Y4L	Y4L
582/M625 6	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
582/M725 6	d tflv 2Pu t r z %Sr	L	M	A	7	73>	63>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
582/M625 6	h r v %Svr v 2 r v%%Qv r v%a t,	O	M	6	7	9	9	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
592/M625 6	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
592/M725 6	d tflv 2Ltt zr %vv z x%	O	M	A	7	9	9	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
592/M625 6	Svr %Sr v v	O	M	6	6	73>	73>	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5>2/M625 6	d tflv 2 zty%	S	N	6	6	73>	d	539	A655D	N	75	65	6AAB	A655D	LN	Y4L	85
5>2/M725 6	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5>2/M625 6	Wxky z x2x u%Q %l v	O	M	7	6	63>	63>	539	A5CDC	N	A	65	83A9	Y4L	Y4L	Y4L	Y4L
5A2/M625 6	d tflv 2 v%	O	M	7	6	73>	73>	539	A655D	N	75	65	6AAB	A655D	LN	Y4L	85
5A2/M725 6	Sr u%Q v %r v%a t	O	M	6	6	9	9	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
5A2/M625 6	Sr u%Q v %Qv r v%a t	O	M	6	6	9	9	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn t sf yt s OM2L

Nt hf yt s t kDB Z u%%q%l zt y%

e i g 5359 (Ω) Ct skvw f yt s t kxzuuq t ut q vwyl (✓)

q µk f yDB† C37> pA Smf xj xj vzj shj ht skvw j i † (✓)

URD Dhxdrpw

Wruj x W (Y4L) W (Y4L) W (Y4L) P A (✓)

Vyf yzx rsi rnf yt whrnj hpj i (Y4L)

VQ BE CQO RNEVED QPNb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq t yt DB nx kvtr XOM27%l %>2e256

Q&hvf ywvhr xt vsxhf xr&h gh rfvh isvxl h gnmxvmeyxmar f nfymx

BV EP (A5D9B27) Wruj (M) Ptr rsf qfft qf l j (955) a Ufymsl (C5) A Pt t kumf xj x (8)

Awwsf rdxhg TCD rndr 2

BV EP (Y4L) UCD Wruj (Y4L) q s (Y4L) Pt t kut qj x (Y4L) Ruj wfymsl ymr j (Y4L) r x

&rnj s ymx kl zvj nx st yyf pj s kvtr BV xyf yj xt zvhj Y4L

Wmx vj ut wynx gf xj i t s ymj r t i j qkt wr x ht sy f rsj i &nymsf uuj si n0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmrk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0gro j o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmymr2 Ω					Irwypdxrar vhwwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrsr dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsr p2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562V6256	Y4.	Y4.	Y4.	5398	Y4.	WDX	7550	7>5	✓	539B	Y4.	Y4.	Y4.	
562V7256	Y4.	Y4.	Y4.	5398	Y4.	WDX	7550	7>5	✓	539B	Y4.	Y4.	Y4.	
562V8256	Y4.	Y4.	Y4.	5398	Y4.	WDX	7550	7>5	✓	539B	Y4.	Y4.	Y4.	
572V6256	Y4.	Y4.	Y4.	5398	Y4.	WDX	7550	7>5	✓	539B	Y4.	Y4.	Y4.	
572V7256	Y4.	Y4.	Y4.	5359	Y4.	WDX	7550	7>5	✓	535C	Y4.	Y4.	Y4.	
572V8256	Y4.	Y4.	Y4.	5385	Y4.	WDX	7550	7>5	✓	5389	Y4.	Y4.	Y4.	
582V6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
582V7256	5396	5396	5385	537B	Y4.	WDX	7550	7>5	✓	5386	6D9A	✓	Y4.	
582V8256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5	✓	WDX	693D	✓	Y4.	
592V6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
592V7256	5377	5377	53A7	5376	Y4.	WDX	7550	7>5	✓	537>	D35	✓	Y4.	
592V8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	7>5		Y4.	Y4.	Y4.	Y4.	
5>2V6256	Y4.	Y4.	Y4.	5365	Y4.	WDX	7550	7>5	✓	5369	693B	✓	Y4.	
5>2V7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5>2V8256	Y4.	Y4.	Y4.	53C9	Y4.	WDX	7550	7>5	✓	53CC	Y4.	Y4.	Y4.	

Cvwhzrnyx j vznur j syffzcqsj vfrggj yt i f r f l j &rmj s yj xyrnsl Y4.

VEUVED Bb

Pf r j hf unyf qx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 6646547578

VEUV IPUVTWO EPVU

Ozgnnkzshyrts	Ctsyrszryl	Isxzdjyrts vjyxnxyfshj	Efwymkfzqyqtu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j hyrffjsjxxnxffjvwkgi zxrnsl fs fqyjvsfyrnsl hzwjysyyjxyfyvfryji vjyxnizfqtujvfryrnsl hzwjysy q s

CQDEU isv V2th si 0 nrnnk	A Vrrjw r tudfxyrhnsxzdfyji xrnjfyrnji hfggjx	B Vrrjw r tudfxyrhhfggjxrns r jyfqrhhtsizry	C Vrrjw r tudfxyrhhfggjxrnsts r jyfqrhhtsizry	D Vrrjw r tudfxyrhhfggjxrns r jyfqrhywzsprnsl	E Vrrjw r tudfxyrhhfggjxrnsts r jyfqrhywzsprnsl	F Vrrjw r tudfxyrh Vb A hfggjx	G Vrrjw r txjyyrnsl Vb A hfggjx	H Ornsjvfrqrnsxzdfyji hfggjx

Vrmxvjutwrnxgfxjitsyrnjrtijqktwrxhtsyfrnsji &rymnsfuujsir0 tkBV A

Cvhdxhg e2 VsxdpCsq t pdrfh Usix0 dvh

Sgmk ul

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj di gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkoi gr Kyfgmrgffbut y

RATV A UCHEDWME P F CITCWV DEVAIMJ CPOVIOWAVIPO P F BPATD DB A

Cnfymryq ehv	Cnfymqhwfwtxsar	V2th si O nmk whissxhvs RATV B	Thihvhrf h q hxl sg BU	Pyq ehvsi t s mxwvhx&hg	Cnfymrfsr gyfxsv ryq ehv fwd			Odt gmfsr rhfxsar xmq h BU	Q&hvfywhr xt vsxhf x&h gh&fnh					TCD			
					Ps si fsr gyfxsww	Nr&h q q	ftf q q	w	BU EP	V2th	Tdxmk A	Ul svx fnfymx fdt dfm2 oA	Od1mq yq thvq mxhg cw Ω	BU EP	V2th	Tdxmk A	Qt hvdxmk fywhr x p r q A
5A2W6256	d tflv 2 v%a	O	M	7		73>	73>	539	A655D	N	75	65	6AAB	A655D	LN	Y4L	85
5A2W7256	Sr u%Q v %Xr v%a t	O	M	6		9	9	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
5A2W8256	Sr u%Q v %Qv r v%a t	O	M	6		9	9	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
5B2W6256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5B2W7256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5B2W8256	h r v %Svr v %B u%Q %a t	O	M	6		73>	73>	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
5C2W6256	Wxky z x2 zv %Mr v v	O	M	69		63>	63>	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5C2W7256	d tflv 2Pu tr z %a	O	M	D		9	9	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5C2W8256	d tflv 2P xz v%a	O	M	8		73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5D2W6256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5D2W7256	d tflv 2P xz v%a	O	M	8		73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5D2W8256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
652W6256	Wxky z x2v u tr z %a vr	O	M	67		63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
652W7256	h r v %Svr v 2v u tr z	O	M	6		73>	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
652W8256	Sr u%Q v %Qz sr vu%a t	O	M	6		73>	73>	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
662W6256	Mr v v %Qt	O	M	6		73>	73>	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
662W7256	Wxky z x2rtt zr v %Xvv z x%a	O	M	A		63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
662W8256	Wxky z x2uz r s vu%a t	O	M	7		63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
672W6256	d tflv 2Mr v v	O	M	8		9	9	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
672W7256	N uv %B u%Q	R	P	6		9	9	>35	A5CDC	N	95	65	53=>	Y4L	Y4L	Y4L	Y4L
672W8256	Wxky z x2vr %l v%Qt	O	M	8		63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
682W6256	d tflv 2sv %Os2v	O	M	7		73>	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
682W7256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
682W8256	h r v %Svr v 2l vr v	O	M	6		73>	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU — CPOVIOWAVIPO P F BPATD DB A

Cmfymr yq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwgvhg hdwd idyrx psst rq t hgdr f h cw	TCD		AFDD	Csq q hr xwdr g dggmrar dpmisvq dxrar 0 l hvh vhuy nxhg
	Tmk imdpf nf ymwsr p2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr&h Nr&h	Nr&h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxxdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
5A2/6256	Y4.	Y4.	Y4.	53BD	Y4.	WDX	7550	7>5	✓	5398	8D0D	✓	Y4.	
5A2/7256	Y4.	Y4.	Y4.	53BA	Y4.	WDX	7550	7>5	✓	5395	Y4.	Y4.	Y4.	
5A2/8256	Y4.	Y4.	Y4.	5379	Y4.	WDX	7550	7>5	✓	537C	Y4.	Y4.	Y4.	
5B2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5B2/7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5B2/8256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5	✓	WDX	Y4.	Y4.	Y4.	
5C2/6256	Y4.	Y4.	Y4.	53>D	Y4.	WDX	7550	7>5	✓	53AB	Y4.	Y4.	Y4.	
5C2/7256	537B	537C	53B>	537A	Y4.	WDX	7550	7>5	✓	5385	6D0C	✓	Y4.	
5C2/8256	539A	539A	53BD	5377	Y4.	WDX	7550	7>5	✓	537A	7D0C	✓	Y4.	
5D2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5D2/7256	53>5	53>5	53>7	537>	Y4.	WDX	7550	7>5	✓	5386	8635	✓	Y4.	
5D2/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
652/6256	Y4.	Y4.	Y4.	5399	Y4.	WDX	7550	7>5	✓	539C	Y4.	Y4.	Y4.	
652/7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5	✓	WDX	6C3D	✓	Y4.	
652/8256	Y4.	Y4.	Y4.	537C	Y4.	WDX	7550	7>5	✓	5387	Y4.	Y4.	Y4.	
662/6256	Y4.	Y4.	Y4.	535>	Y4.	WDX	7550	7>5	✓	535D	Y4.	Y4.	Y4.	
662/7256	Y4.	Y4.	Y4.	5399	Y4.	WDX	7550	7>5	✓	539D	Y4.	Y4.	Y4.	
662/8256	Y4.	Y4.	Y4.	53A>	Y4.	WDX	7550	7>5	✓	53AD	Y4.	Y4.	Y4.	
672/6256	5385	5386	5388	536A	Y4.	WDX	7550	7>5	✓	5375	7D0D	✓	Y4.	
672/7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	7>5		Y4.	Y4.	Y4.	Y4.	
672/8256	Y4.	Y4.	Y4.	539A	Y4.	WDX	7550	7>5	✓	53>5	Y4.	Y4.	Y4.	
682/6256	Y4.	Y4.	Y4.	53AB	Y4.	WDX	7550	7>5	✓	5386	8C35	✓	Y4.	
682/7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
682/8256	Y4.	Y4.	Y4.	53BC	Y4.	WDX	7550	7>5	✓	5397	C35	✓	Y4.	

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj d gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkoi gr K yfbgmrgfbut y

RATV A UCHEDWME P F CITCWV DEVAIMJ

CPOVIOWAVIPO P F BPATD DB A

Cnfymr yq ehv	Cnfymghwfvmtxmr	V2th si O nmmk whi issxhvs RATV B	Thihvhrf h q hxl sg BU	Pyq ehvsi t s mxvwhv&hg	Cnfymrfsr gyfxsv ryq ehv fwd			Odt gmfsr rihfxmr xmq h BU	Q&hvfywhr xt vsxhfx8h gh&mh					TCD			
					Ps si fsr gyfxsw	Nr8h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul svx fnfymx fdt dfm2 oA	Od1mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
692M6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
692M7256	Wxky z x2sr v v %ir z	O	M	8		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
692M8256	Wxky z x2sr v v 4 z ty%s	O	M	68		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
6>2M6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6>2M7256	N v r v %ir z	O	N	6		73>	73>	539	A5CDC	N	6A	65	63BB	Y4.	Y4.	Y4.	Y4.
6>2M8256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6A2e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6B2e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6C2e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU CPOVIOWAVIPO P F BPATD DB A

Cmfymryq ehv	Csrxmym2 Ω					Irwypdxrar vhwwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hrxwdrg dggmrsrdpmisvq dxrar 0 l hvh vhuyrnhg
	Tmk imdpfnfymwsrp2 q hdwyvhg hrgxs hrg			Appfnfymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	rhyxwdp v$_r$	ftf v	T T	T	0Ω	0Ω	Y	✓	Ω	ms	✓	✓	
692M6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
692M7256	Y4.	Y4.	Y4.	537A	Y4.	WDX	7550	7>5	✓	5385	Y4.	Y4.	Y4.	
692M8256	Y4.	Y4.	Y4.	53DD	Y4.	WDX	7550	7>5	✓	6358	Y4.	Y4.	Y4.	
6>2M6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6>2M7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
6>2M8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6A2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6B2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6C2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj d: gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkoi gr Kyffgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvrtnxmr	V2th si O nmnk whh issxhvxs RATV B	Thihwhr f h q hxf sg BU	Pyq ehvsi t s mxwvwhx&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmfsr rhfxmr xmq h BU w	Q&hvfywhr xt vsxhfxr&h gh&rhh					TCD			
					Ps si fsr gyfxsw	Nr&h q q	f t f q q		BU EP	V2t h	Tdxmk A	Ul s vx fnfymx fdt df m2 oA	Odt mq yq t hvq nxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562/6256	d tflv 2Nyr xz x%i 6	O	M	A	7	73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
562/7256	d tflv 2Nyr xz x%i 7	O	M	A	7	73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
562/8256	d tflv 2Nyr xz x%i 8	O	M	A	7	73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
572/6256	d tflv 2Nyr xz x%i 9	O	M	A	7	73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
572/7256	d tflv 2Nyr xz x%i >	O	M	A	7	9	9	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
572/8256	Nt 4t %t	O	M	6	6	73-	73-	539	A5CDC	M	6A	65	73B8	Y4.	Y4.	Y4.	Y4.
582/6256	d tflv 2d v4Nvr v	O	M	>	7	9	9	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
582/7256	d tflv 2Pi %a v	O	M	8	7	9	9	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
582/8256	d tflv 2Z Mfd v	O	M	7	7	9	9	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
592/6256	d tflv 2Pi % v	O	M	7	7	9	9	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
592/7256	Nt %t	O	M	6	6	73-	73-	539	A5CDC	M	6A	65	73B8	Y4.	Y4.	Y4.	Y4.
592/8256	N %t	O	M	6	6	73-	73-	539	A5CDC	M	6A	65	73B8	Y4.	Y4.	Y4.	Y4.
5>2/6256	d tflv 2er fl% 4Nvr v	O	M	C	7	73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
5>2/7256	d tflv 2h fl y	O	M	B	7	73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
5>2/8256	d tflv 2 wtv4 vr v	O	M	9	6	9	9	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
5A2/6256	Nt 4r %t	O	M	6	6	73-	73-	539	A5CDC	M	6A	65	73B8	Y4.	Y4.	Y4.	Y4.
5A2/7256	d tflv 2Z wtv4Nvr v	O	M	C	7	73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
5A2/8256	d tflv 2N r% 3	O	M	7	7	73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xnt sf yt s OM2M

Nt hf yt s t kDB Mr v v %r fl%

e i g 5367 (Ω) Ct skvw f yt s t kxzuuq utq f vwyl (...✓...)

q µk f yDB† 8376 pA Smf xj xj vzj shj ht skvw j i † (...✓...)

URD Dhxdrpw

Wfuj x W (.Y4.) W (.Y4.) W (.Y4.) P A (...✓...)

Vyf yzx rsi rhf yt whrnj hpj i (.Y4.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq yt DB nx kvtr X OM27%l %5A2e256

Q&hvf ywhr xt vsxhf xr&h gh rfhh isvxl h gnmxvreyxmr f nf ymx

BV EP (.....A5D9B27.....) Wfuj (.....M.....) Ptr rsf qfft gf l j (.955.) a Ufymsl (.655.) A Pt t kumf xj x (...8.....)

Awwsf rdxhg TCD rndr 2

BV EP (.....Y4.....) UCD Wfuj (.Y4.) q s (.Y4.) Pt t kutq j x (.Y4.) Ruj wfymsl ymr j (.Y4.) r x

&rnj s ymx kd zvj nx st yyf pj s kvtr BV xyf yj xt zvhj Y4.

Wfmx vj utwynx gf xj i t s ymj r t i j qktvr x htsyf rsj i &nymsf uuj si n0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I EICT f

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P.( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU

Cnfymr yq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsr p2 q hdwyvhg hr g xs hr g		Appf nf ymw			Nr&h Nr&h	Nr&h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwx eyxxsr	AFDD xhwx eyxsr	
	Nmh v	r hyxwdp v$_r$	ft f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562V6256	539D	539D	53>8	537>	Y4L	WIX	7550	7>5	✓	53BB	6D35	✓	Y4L	
562V7256	5399	5399	5398	5376	Y4L	WIX	7550	7>5	✓	5388	6C35	✓	Y4L	
562V8256	53>8	53>8	53>9	537A	Y4L	WIX	7550	7>5	✓	538C	7C3B	✓	Y4L	
572V6256	53A8	53A8	53A8	5387	Y4L	WIX	7550	7>5	✓	5399	6535	✓	Y4L	
572V7256	539A	539B	539B	5379	Y4L	WIX	7550	7>5	✓	538A	773C	✓	Y4L	
572V8256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	7>5		Y4L	Y4L	Y4L	Y4L	
582V6256	5385	5386	5388	536A	Y4L	WIX	7550	7>5	✓	537C	6C3C	✓	Y4L	
582V7256	53>C	53>C	53A6	5385	Y4L	WIX	7550	7>5	✓	5397	6C35	✓	Y4L	
582V8256	53AC	53AB	53AC	5389	Y4L	WIX	7550	7>5	✓	539A	6C35	✓	Y4L	
592V6256	537A	537A	537A	5368	Y4L	WIX	7550	7>5	✓	537>	6B3C	✓	Y4L	
592V7256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	7>5		Y4L	Y4L	Y4L	Y4L	
592V8256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	
5>2V6256	53BB	53BB	53BD	538D	Y4L	WIX	7550	7>5	✓	53>6	7D35	✓	Y4L	
5>2V7256	53A7	53A7	53A>	5386	Y4L	WIX	7550	7>5	✓	5398	6D35	✓	Y4L	
5>2V8256	Y4L	Y4L	Y4L	53>>	Y4L	WIX	7550	7>5	✓	53AB	6D35	✓	Y4L	

Cvwhznyx j vznur j syffzcqsj vfrgqj yt i f r f l j &rnj s yj xyrnsl 5B2V6256

VEUVED Bb

Pf r j hf unyf qx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 5D46547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsyrszny	Isxzdjyrts vjyxnxyfshj	Efwynkfzqyqtu rr uj i f shj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4L	Y4L	Y4L	Y4L	Y4L

UCD j jhyffjsjxxnxffjvwkqi zxrnsl fs fqyjvsfyrnsl hzwjysyyjxyfyvfryji vjyxnizfqtujvfryrnsl hzwjysy q s

CQDEU isv V2th si 0 nnmk	A Vrrjvw tudjxyrhnsxzdjyji xrnjfyrnji hfgqjx	B Vrrjvw tudjxyrhhfgqjxrns r jyfqrhhtsizry	C Vrrjvw tudjxyrhhfgqjxrnsts r jyfqrhhtsizry	D Vrrjvw tudjxyrhhfgqjxrns r jyfqrhywzsprnsl	E Vrrjvw tudjxyrhhfgqjxrnsts r jyfqrhywzsprnsl	F Vrrjvw tudjxyrh Vb Ahfgqjx	G Vrrjvw txjyyrnsl Vb Ahfgqjx	H Ornsjvfrqrnsxzdjyji hfgqjx

Vrmxvjyutwrnxgfxjits yrnjr tijqktwrxhtsyfrnsji &rymnsfuujsir0 tkBV A

Cvhdxhg e2 VsxdpCsq t pdrfh Usix0 dvh

Sgmk ul

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj di gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkoi gr Kyffgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMJ

CPOVIOWAVIPO P F BPATD DB B

Cnfymrqehv	Cnfymqhwfvmtxmr	V2th si O nmnk whissxhvs RATV B	Thihvhrfhq hxl sg BU	Pyq ehvsi t s mxvwhx&hg	Cnfymrfsr gyfxsv ryq ehv fwd			Odt gmfsr rhfxmr xmq h BU	Q&hvfywhr xt vsxhfx&h gh&fnh					TCD			
					Ps si fsr gyfxsw	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul svx fnfymx fdt dfm2 oA	Od1mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
5A2V6256	Nt 4r %lt	O	M	6		73-	73-	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
5A2V7256	d tflv 2Zwtv4Nvr v	O	M	C		73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5A2V8256	d tflv 2Nr %s 3	O	M	7		73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5B2V6256	d tflv 2Xr rxv	O	M	B		73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5B2V7256	d tflv 2Zwtv	O	M	A		73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5B2V8256	d tflv 2Zwtv	O	M	A		73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5C2V6256	N r u %i tflv	O	M	6		9	9	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
5C2V7256	N r u %i tflv	O	M	6		9	9	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
5C2V8256	d tflv 2Te	O	M	C		73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5D2V6256	d tflv 2Z zv°N	O	M	7		73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5D2V7256	d tflv 2drwx&	O	M	7		9	9	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5D2V8256	d rww %r z vvu	O	M	6		73-	73-	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
652V6256	d tflv 2vr v °N zu %vr °N	O	M	6		73-	73-	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
652V7256	d tflv 2s6	O	M	6		73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
652V8256	d tflv 2s7	O	M	6		73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
662V6256	Qr %v vr v	O	M	6		73-	73-	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
662V7256	h r v %vr v 2 rww	O	M	6		73-	73-	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
662V8256	d tflv 2QM8	O	M	WX		73-	73-	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
672V6256	d tflv 2Xvv zx% vr	O	M	A		9	9	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
672V7256	h r v %vr v 2 fl y	O	M	6		73-	73-	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
672V8256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU — CPOVIOWAVIPO P F BPATD DB B

Cmfymr yq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar 0 l hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
5A2/V6256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	7>5		Y4L	Y4L	Y4L	Y4L	
5A2/V7256	6355	6355	6358	53>6	Y4L	WDX	7550	7>5	✓	53A8	7C35	✓	Y4L	
5A2/V8256	53>8	53>8	53>>	537B	Y4L	WDX	7550	7>5	✓	53BD	6C3C	✓	Y4L	
5B2/V6256	539A	5399	539>	5378	Y4L	WDX	WDX	7>5	✓	53B>	C35	✓	Y4L	MX d% v % zvu%w %zt z% %t c%r zvu%
5B2/V7256	5395	5395	5398	5376	Y4L	WDX	7550	7>5	✓	5388	6C3C	✓	Y4L	
5B2/V8256	53AA	53AA	53AA	5388	Y4L	WDX	7550	7>5	✓	539>	8B35	✓	Y4L	
5C2/V6256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	7>5		Y4L	Y4L	Y4L	Y4L	
5C2/V7256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	
5C2/V8256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	7>5		Y4L	Y4L	Y4L	Y4L	
5D2/V6256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	
5D2/V7256	53A6	53A6	53A8	53B6	Y4L	WDX	7550	7>5	✓	5398	6D35	✓	Y4L	
5D2/V8256	Y4L	Y4L	Y4L	53>8	Y4L	WDX	7550	7>5	✓	53A>	Y4L	Y4L	Y4L	
652/V6256	Y4L	Y4L	Y4L	53AC	Y4L	WDX	7550	7>5	✓	53C5	7C35	✓	Y4L	
652/V7256	Y4L	Y4L	Y4L	53>D	Y4L	WDX	7550	7>5	✓	53B6	7D35	✓	Y4L	
652/V8256	Y4L	Y4L	Y4L	5399	Y4L	WDX	7550	7>5	✓	53>A	8D35	✓	Y4L	
662/V6256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	7>5		Y4L	Y4L	Y4L	Y4L	
662/V7256	Y4L	Y4L	Y4L	53BA	Y4L	WDX	7550	7>5	✓	539C	Y4L	Y4L	Y4L	
662/V8256	53C6	53C6	53C8	5396	Y4L	WDX	7550	7>5	✓	53>8	6C35	✓	Y4L	
672/V6256	WDX	WDX	WDX	539>	Y4L	WDX	WDX	7>5	✓	53>B	WDX	WDX	Y4L	
672/V7256	Y4L	Y4L	Y4L	536>	Y4L	WDX	7550	7>5	✓	537D	Y4L	Y4L	Y4L	
672/V8256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj ot gi i uxj gt i k 1 ofh BX A Wkw&oxks kt ffy lux Erki ffkoi gr Kyffgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvmtxmar	V2th si O mmk whh issxhvxs RATV B	Thihwhr f h q hxf sg BU	Pyq ehvsi t s mxwvhw&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmfsr rhfxmar xmq h BU	Q&hvfywhr xt vsxhfxm&h gh&rhh					TCD			
					Ps si fsr gyfxsww	Nm&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul sv x fnfymx fdt df m2 oA	Odl mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562/M625 6	Wxky z x%i zv	S	N	Y4g	6	63>	d	539	8CB6	7	65	A	8367	Y4.	Y4.	Y4.	Y4.
562/M725 6	Wxky z x%Q u	S	N	9	6	63>	d	539	8CB6	7	65	A	8367	Y4.	Y4.	Y4.	Y4.
562/M825 6	h r %' % vu	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	8CB6	7	87	A	Y4.	Y4.	Y4.	Y4.	Y4.
572/M625 6	Qt %ufrtv %s %Os	N	M	6	6	63>	63>	539	8CB6	7	6A	A	63D>	Y4.	Y4.	Y4.	Y4.
572/M725 6	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
572/M825 6	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582e25 6	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592e25 6	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2e25 6	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2e25 6	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2e25 6	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2e25 6	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn sf yt s OM2P

Nt hf yt s t kDB Xvv z x% %8 xz v%Sr

e i g 537C (Ω) Ct skvw f yt s t kxzuuq utd vwyl (✓)

q µk f yDB† 6306 pA Smf xj xj vzj shj ht skvw j i † (✓)

URD Dhxdmpw

Wuj x W (Y4.) W (Y4.) W (Y4.) P A (✓)

Vyf yzx rsi mhf yt whmj hpj i (Y4.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq t yt DB nx kvr r XOM27%i %5D2e25 6

Q&hvf ywhr xt vsxhfxm&h ghrfhh isvxl h gnxxvmeyxmar f nfymx

BV EP (A5D9B27) Wuj (M) Ptr nsf qfft gyf l j (955) a Ufymsl (95) A Pt t kumf xj x (8)

Awwsf rdxhg TCD rmdr 2

BV EP (Y4.) UCD Wuj (Y4.) q s (Y4.) Pt t kutqj x (Y4.) Ruj wfymsl ymr j (Y4.) r x

&mj s ymx kl zvj nx st yyf pj s kvr r BV xyf yj xt zvhj Y4.

Wmx vj utwynx gf xj i t s ymj r t i j qkt wr x ht sy f nsj i &nymns f uuj si n0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmrk ul

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g		Appf nf ymw			Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562V6256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
562V7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
562V8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
572V6256	Y4.	Y4.	Y4.	5386	Y4.	WDX	7550	7>5	✓	5358	Y4.	Y4.	Y4.	
572V7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
572V8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
582e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
592e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5>2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5A2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5B2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5C2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

Cvwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xyrnsl Y4.

VEUVED Bb

Pf r j hf unyf qx ULXPd%SZOPd Stxnyrts P xz vv Vnlsf yzvjy Dfyj 6646547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsyrszny	Isxzdfyrts vjyxnxyf shj	Ef wynkf zqyqt u rnr uj i f shj	Ef wymEqihywri j Ujxnxyf shj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j hyrffjsj xx nx ffj vwkgi zxrnsl f s fqyj vsf yrnsl hzwyjsyyj xyf yvfryj i vjyxnizfqt uj vfryrnsl hzwyjsy q s

CQDEU isv V2th si 0 nmnk	A Vrhjw tudfxyrhnsxzdfyji xrnjf yrnji hf gqjx	B Vrhjw tudfxyrhhf gqjx rns r jyfqrhhtsizry	C Vrhjw tudfxyrhhf gqjx rns sts r jyfqrhhtsizry	D Vrhjw tudfxyrhhf gqjx rns r jyfqrhywzsprnsl	E Vrhjw tudfxyrhhf gqjx rns sts r jyfqrhywzsprnsl	F Vrhjw tudfxyrh Vb Ahf gqjx	G Vrhjw txjyyrnsl Vb Ahf gqjx	H Ornsjvfrqrnsxzdfyji hf gqjx

Vrnxvjyutwynxgf xjit s yrnj r t ij qktwr x htsyf rnsj i &rynns f uujsir0 tkBV A

Cvhdxhg e2 VsxdpCsq t pdrf h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj di gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkio gr Kyf fgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymrvyq ehv	Cnfymxghwfvmtxmsr	V2th si O mmnk whh issxhvxs RATV B	Thihvhrfh q hxf sg BU	Pyq ehvsi t smxwvhw&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmxfsr rhfxmsr xmq h BU	Q&hvfywvhrxt vsxhfxm&h gh&mfnh					TCD			
					Ps si fsr gyfxsww	Nm&h q q	f t f q q	w	BU EP	V2th	Tdxmnk A	Ul sw x fnxfymx fdt dfm2 oA	Odt mq yq thvq mxhg cw Ω	BU EP	V2th	Tdxmnk A	Qt hvdxmnk fywvhrx p r q A
562/6256	Vxky z x2 ruz x%Mr %N zu	O	M	8	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
562/7256	Vxky z x2v v r %Vruz x%Mr	O	M	A	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
562/8256	Vxky z x2 fl y 4r fl%	O	M	A	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
572/6256	Vxky z x2t zu	O	M	67	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
572/7256	Vxky z x2t vt z % 3	O	M	7	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
572/8256	Vxky z x2B%Zwtv %Z v %ar %vr	O	M	B	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
582/6256	Vxky z x2 r rxv 4t % 3	O	M	>	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
582/7256	Vxky z x2 v %ar %Zwtv4 rww	O	M	D	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
582/8256	Vxky z x2 v %Zwtv	O	M	D	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
592/6256	Vxky z x2v v xv tzv %8 v r	O	M	WDX	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
592/7256	Vxky z x26%D866	O	M	WDX	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
592/8256	Vxky z x27%Z v %Zwtv	O	M	D	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5>2/6256	Vxky z x2 rz %	O	M	C	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5>2/7256	Vxky z x2v v r %Q	O	M	Y4g	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5>2/8256	Vxky z x2v v r %vr	O	M	Y4g	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5A2/6256	Vxky z x2v v r %Krz %O	O	M	Y4g	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5A2/7256	Vxky z x2z vt tfl4t rt	O	M	Y4g	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5A2/8256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn sf yt s OM2V

Nt hf yt s t kDB er fl%

e_{ig} 535D (Ω) Ct skvw f yt s t kxzuuq utqf vwyl (...✓...)

q_{uk} fyDB† >395 pA Smf xj xj vzj shj ht skvw j i † (...✓...)

URD Dhxdmpv

Vfuj x W (Y4L) W (Y4L) W (Y4L) P A (...✓...)

Vyf yzx rsi mhf yt whmrj hpj i (Y4L)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq yt DB nx kvrr XOM27%2l %662e256

Q&hvfywvhrxt vsxhfxm&h ghrfhh isvxl h gmxvmeyxmsr f nxfymx

BV EP (A5D9B27) Vfuj (M) Ptr rsf qfft qyf l j (955) a Ufyrsl (655) A Pt t kumf xj x (8)

Awvsf rdxhg TCD rmdr 2

BV EP (Y4L) UCD Vfuj (Y4L) q_s (Y4L) Pt t kutqj x (Y4L) Ruj vfyrsl yrr j (Y4L) r x

&rnj s ymx kl zvj nx st yyf pj s kvrr BV xyf yj xt zvhj Y4L

Vfmx vj ut wynx gf xj i t s ymj r t i j qktvr x ht sy f rsj i &nymsf uuj si n0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P.( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g		Appf nf ymw			Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562/6256	Y4.	Y4.	Y4.	5395	Y4.	WDX	7550	7>5	✓	539D	Y4.	Y4.	Y4.	
562/7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
562/8256	Y4.	Y4.	Y4.	536D	Y4.	WDX	7550	7>5	✓	537C	Y4.	Y4.	Y4.	
572/6256	Y4.	Y4.	Y4.	53AD	Y4.	WDX	7550	7>5	✓	53BC	Y4.	Y4.	Y4.	
572/7256	Y4.	Y4.	Y4.	5375	Y4.	WDX	7550	7>5	✓	537D	Y4.	Y4.	Y4.	
572/8256	Y4.	Y4.	Y4.	53AA	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	
582/6256	Y4.	Y4.	Y4.	537C	Y4.	WDX	7550	7>5	✓	53BA	Y4.	Y4.	Y4.	
582/7256	Y4.	Y4.	Y4.	53D6	Y4.	WDX	7550	7>5	✓	6355	Y4.	Y4.	Y4.	
582/8256	Y4.	Y4.	Y4.	5398	Y4.	WDX	7550	7>5	✓	53-8	Y4.	Y4.	Y4.	
592/6256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
592/7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
592/8256	Y4.	Y4.	Y4.	53CD	Y4.	WDX	7550	7>5	✓	53DC	Y4.	Y4.	Y4.	
5>2/6256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
5>2/7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
5>2/8256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	

Cvwhzrnx j vznur j syffzcqsj vfrggj yt i f r fl j &rnj s yj xyrnsl Y4.

VEUVED Bb

Pf r j hf unyf cx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 5D46547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsyrszryl	Isxzdjyrts vjyxnxyfshj	Efwymkfzqyqttu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j jhyffjsjxxnxffjvwkgi zxrnsl fs fqyjvsfyrnsl hzwjysyyjxyfyvfryji vjyxnizfqtujvfryrnsl hzwjysy q$_s$

CQDEU isv V2th si 0 rnmk	A Vrrjw tudjxyrhnsxzdjyji xrnjfyrnji hfgqjx	B Vrrjw tudjxyrhhfgqjxrns rjyfqrhhtsizry	C Vrrjw tudjxyrhhfgqjxrnsts rjyfqrhhtsizry	D Vrrjw tudjxyrhhfgqjxrns rjyfqrhywzsprnsl	E Vrrjw tudjxyrhhfgqjxrnsts rjyfqrhywzsprnsl	F Vrrjw tudjxyrh Vb Ahfgqjx	G Vrrjw txjyyrnsl Vb Ahfgqjx	H Ornsjvfrqrnsxzdjyji hfgqjx

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj d gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkoi gr Kyfgmrgffbut y

RATV A UCHEDWME P F CITCWV DEVAIMJ

CPOVIOWAVIPO P F BPATD DB L

Cnfymrqyq ehv	Cnfymqhwfvmtxmar	V2th si O nmmk whhissxhvse RATV B	Thihwhrf h q hxd sg BU	Pyq ehvsi t s mxwvhw&hg	Cnfymrfsr gyfxsv ryq ehv fwd			Odt gmfsr rhfxmar xmq h BU	Q&hvfywhr xt vsxhfx8h gh&mh					TCD			
					Ps si fsr gyfxsvw	Nn8h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul svx fnfymx fdt dfm2 oA	Od1mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
5A2W6256	Wxky z x2v v r %Xr z %O	O	M	Y4g		63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5A2W7256	Wxky z x2z vt tfl4 rt	O	M	Y4g		63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5A2W8256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5B2W6256	Wxky z x2 v %vr %Zwtv%vr	O	M	C		A	A	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
5B2W7256	Wxky z x2v v xv tzv	O	M	Y4g		63>	63>	539	A5CDC	M	65	65	93BB	Y4L	Y4L	Y4L	Y4L
5B2W8256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5C2e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5D2e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
652e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
662e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
672e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU CPOVIOWAVIPO P F BPATD DB L

Cmfymr yq ehv	Csrxmymr2 Ω					Irwypdxrar vhwwwdrfh			Rspfvmr2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar 0 l hvh vhuy nxhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
5A2W6256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
5A2W7256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	5365	Y4.	Y4.	Y4.	
5A2W8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5B2W6256	Y4.	Y4.	Y4.	535B	Y4.	WDX	7550	7>5	✓	536A	7DDD	✓	Y4.	
5B2W7256	Y4.	Y4.	Y4.	538>	Y4.	WDX	7550	7>5	✓	5399	Y4.	Y4.	Y4.	
5B2W8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5C2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5D2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
652e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
662e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
672e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj dt gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkio gr Kyfbgmrgfbut y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvmtxmar	V2th si O mmk whh issxhvxs RATV B	Thihwhr fh q hxf sg BU	Pyq ehvsi t s mxwvhw&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmfsr rhfxmar xmq h BU	Q&hvfywhr xt vsxhfxm&h ghr&rhh					TCD			
					Ps si fsr gyfxsww	Nm&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul s vx fmfymx fdt dfm2 oA	Odl mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
572e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582W6256	Wxy z x2 yv %l v	L	N	6	6	63>	63>	539	A5CDC	M	A	65	B37C	Y4.	Y4.	Y4.	Y4.
582W7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582W8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xm sf yt s OM2O

Nt hf yt s t kDB Mr v v %l v%. v r

e i g 5365.(Ω) Ct skvw f yt s t kxzuuq utd vwyl (...✓....)

q µk f yDB† 8367 pA Smf xj xj vzj shj ht skvw j i † (...✓....)

URD Dhxdrpw

Wruj x W(.Y4..) W(.Y4..) W(.Y4..) P A(...✓....)

Vyf yz x rsi rhf yt whrnj hpj i (.Y4..)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq yt DB nx kvrr X OM27%l %692e256

Q&hvfywhr xt vsxhfxm&h ghrfhh isvxl h gnwxvmeyxmsr f mfymx

BV EP (.....A5D9B27.....) Wruj (.....M.....) Ptr rsf qfft gyf l j (.....955.....) a Ufymsl (.....C5.....) A Pt t kumf xj x (.....8.....)

Awwsf rdxhg TCD rmdr 2

BV EP (.....Y4.....) UCD Wruj (.....Y4.....) q s (.....Y4.....) Pt t kutqj x (.....Y4.....) Rujwfymsl ymr j (.....Y4.....) r x

&rnj s ymx kl zvj nx st yyf pj s kvrr BV xyf yj xt zvhj Y4.

Wmx vj utwynx gf xj i t s ymj r t i j qltvw x htsyf rsj i &nymsf uuj si r0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I | EICT f

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P.( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymryq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562e256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
572e256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
582V6256	Y4_	Y4_	Y4_	5385	Y4_	W0X	7550	7>5	✓	5395	Y4_	Y4_	Y4_	
582W7256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
582W8256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
592e256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
5>2e256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
5A2e256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
5B2e256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
5C2e256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
5D2e256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
652e256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
662e256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
672e256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	

Cvwhznyx jvznur jsyffzcqsjvfrggjyt ifr flj &rnjs yjxyrnsl Y4_

VEUVED Bb

Pfr j hfunyfqx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 5D46547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsyrszryl	Isxzdjyrts vjyxnxyfshj	Efwymkfzqyqtu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4_	Y4_	Y4_	Y4_	Y4_

UCDj jhyffjsjxxnxffjvwkgji zxrnsl fs fqyjvsfyrnsl hzwjysyyjxyfyvfryji vjyxnizfqtujvfryrnsl hzwjysy qs

CQDEU isv V2th si 0 nrnnk	A Vrrjw tudjxyrhnsxzdjyji xrnjfyrnji hfggjx	B Vrrjw tudjxyrhhfggjxrns rjyfqrhhtsizry	C Vrrjw tudjxyrhhfggjxrnsts rjyfqrhhtsizry	D Vrrjw tudjxyrhhfggjxrns rjyfqrhywzsprnsl	E Vrrjw tudjxyrhhfggjxrnsts rjyfqrhywzsprnsl	F Vrrjw tudjxyrh Vb A hfggjx	G Vrrjw txjyyrnsl Vb A hfggjx	H Onsjvfrqrnsxzdjyji hfggjx

Vrnxvjyutwrnxgfxjits yrnjrtijqktwrxhtsyfrnsji &rnrnsfuujsir0 tkBV A

Cvhdxhg e2 VsxdpCsq t pdrfh Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj di gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkio gr Kyfbgmrgffbut y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvmtxmar	V2th si O mmk whh issxhvxs RATV B	Thihvhr fh q hxf sg BU	Pyq ehvsi t smxwvhw&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmfsr rhfxmar xmq h BU	Q&hvfywvhr xt vsxhfxr&h gh&rhh					TCD			
					Ps si fsr gyfxsw	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul sv x fnxfymx fdt dfm2 oA	Odt mq yq thvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywvhr x p r q A
562/6256	d tflv 2P yzszz %vr%u%Q	O	M	Y4g	7	9	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
562/7256	d tflv 2P yzszz %vr%u%Q	O	M	Y4g	7	9	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
562/8256	d tflv 2P yzszz %vr%u%Q	O	M	Y4g	7	9	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
572/6256	L %yvr v%6 %Q	L	M	6	6	A	73>	539	A5CDC	N	87	65	53AC	Y4L	Y4L	Y4L	Y4L
572/7256	d tflv 2P yzszz %vr%u%Q	O	M	Y4g	7	9	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
572/8256	N tfl%l %6 %Q	L	M	6	6	73>	63>	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
582/6256	d tflv 2P yzszz %vr%6 %Q	O	M	Y4g	7	9	73>	539	A5CDC	N	75	65	635D	Y4L	Y4L	Y4L	Y4L
582/7256	d tflv 2P yzszz %vr%6 %Q	O	M	Y4g	7	9	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
582/8256	d tflv 2P yzszz %vr%6 %Q	O	M	Y4g	7	9	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
592/6256	d tflv 2P yzszz %vr%6 %Q	O	M	Y4g	7	9	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
592/7256	d tflv 2P yzszz %vr%6 %Q	O	M	Y4g	7	9	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
592/8256	d tflv 2P yzszz %vr%6 %Q	O	M	Y4g	7	9	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
5>2/6256	a s4z vzv%6 %Q	L	M	7	6	73>	63>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
5>2/7256	L %l vrflv %u%Q	L	M	7	6	73>	63>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
5>2/8256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5A2/6256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5A2/7256	d tflv %8 yzszz %vr%6 %Q %N rt	O	P	6	6	63>	63>	539	A5CDC	N	A	65	83A9	Y4L	Y4L	Y4L	Y4L
5A2/8256	d tflv %8 yzszz %vr%u%Q %N rt	O	P	6	6	63>	63>	539	A5CDC	N	A	65	83A9	Y4L	Y4L	Y4L	Y4L

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn fsfyt s OM2YQ6

Nt hfyt s t kDB 6 %Q %z v %w&Xr z%l r z

e i g 535>.(Ω) Ct skvw fyt s t kxzuuq t ut q vwyl (...✓....)

q µk fyDB† A3B9 pA Smf xj xj vzj shj ht skvw j i † (...✓....)

URD Dhxdrpw

Wfuj x W(.Y4L.) W(.Y4L.) W(.Y4L.) P A(...✓....)

Vyf yzx rsi rhf yt whrnj hpj i (.Y4L.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq t DB nx kvrr XOM26%l %662e256

Q&hvfywvhr xt vsxhfxr&h ghrfhh isvxl h gnxvmeyxmar fnxfymx

BV EP (.....A5D9B27.....) Wfuj (.....M.....) Ptr rsfqfft qyf l j (.955.) a Ufyrsl (.655.) A Pt t kumf xj x (...8.....)

Awwsfrdxhg TCD rndr 2

BV EP (.....Y4L.....) UCD Wfuj (.Y4L.) q s (.Y4L.) Pt t kut qj x (.Y4L.) Ruj wfyrsl yrr j (.Y4L.) r x

&rnj s ymx kl zvj nx st yyf pj s kvrr BV xyf yj xt zvhj .Y4L.

Wfmx vj ut wynx gf xj i t s ymj r t i j qkt wr x ht sy frsj i &rymrs fuuj sir0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmrk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmymz Ω					Irwypdxrar vhwwdrfh			Rspfvnz	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
562/6256	WIX	WIX	WIX	53>9	Y4.	WIX	7550	7>5	✓	53>C	7D65	✓	Y4.	
562/7256	WIX	WIX	WIX	53>>	Y4.	WIX	7550	7>5	✓	53A5	6C3A	✓	Y4.	
562/8256	WIX	WIX	WIX	53BC	Y4.	WIX	7550	7>5	✓	53C8	7DDD	✓	Y4.	
572/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	7>5		Y4.	Y4.	Y4.	Y4.	
572/7256	WIX	WIX	WIX	5398	Y4.	WIX	7550	7>5	✓	539D	7C35	✓	Y4.	
572/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	7>5		Y4.	Y4.	Y4.	Y4.	
582/6256	WIX	WIX	WIX	53BA	Y4.	WIX	7550	7>5	✓	5396	Y4.	Y4.	Y4.	
582/7256	WIX	WIX	WIX	53A6	Y4.	WIX	7550	7>5	✓	53AA	763C	✓	Y4.	
582/8256	WIX	WIX	WIX	53AD	Y4.	WIX	7550	7>5	✓	53B9	7D65	✓	Y4.	
592/6256	WIX	WIX	WIX	53B8	Y4.	WIX	7550	7>5	✓	53BB	6C35	✓	Y4.	
592/7256	WIX	WIX	WIX	5379	Y4.	WIX	7550	7>5	✓	537C	C35	✓	Y4.	
592/8256	WIX	WIX	WIX	539>	Y4.	WIX	7550	7>5	✓	53>5	6C35	✓	Y4.	
5>2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	7>5		Y4.	Y4.	Y4.	Y4.	
5>2/7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	
5>2/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

Cvwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xyrnsl Y4.

VEUVED Bb

Pf r j hf unyf qx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 6546547578

VEUV IPUVTWO EPVU

Ozgnnkzshyrts	Ctsyrszny	Isxzdjyrts vjyxnxyfshj	Efwynkfzqyqtu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j hyrffjsj xx nx ffjvwkgi zxrnsl fs fqyjvsfyrnsl hzwjysyyjxyfyvfryji vjyxnizfqtujvfryrnsl hzwjysy q s

CQDEU isv V2th si 0 nnmk	A Wrjvw tudjxyrhnsxzdjyji xrnjfynji hfggjx	B Wrjvw tudjxyrhhfggjxrns r jyfqrhhtsizry	C Wrjvw tudjxyrhhfggjxrnsts r jyfqrhhtsizry	D Wrjvw tudjxyrhhfggjxrns r jyfqrhywzsprnsl	E Wrjvw tudjxyrhhfggjxrnsts r jyfqrhywzsprnsl	F Wrjvw tudjxyrh Vb A hfggjx	G Wrjvw txjyyrnsl Vb A hfggjx	H Onsjvfrqrnsxzdjyji hfggjx

Cvhdxhg e2 VsxdpCsq t pdrfh Usix0 dvh

Sgmk ul

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj d: gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkó gr K yfgmrgffbut y

RATV A UCHEDWME P F CITCWV DEVAIMJ CPOVIOWAVIPO P F BPATD DB OF

Cnfymryq ehv	Cnfymghwfvmxmar	V2th si O nmmk whi ssxhvs RATV B	Thihwhrf h q hxl sg BU	Pyq ehvsi t s mxwvhw&hg	Cnfymnf sr gyfxsv ryq ehv fwd			Odt gmf sr rihf xmar xmq h BU	Q&hvf ywhr xt vsxhf x8h gh&mh					TCD			
					Ps si fsr gyfxsww	Nr8h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul svx fnf ymn fdt df m2 oA	Od1mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
5A2W6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2W7256	d t flv %8 yzszz %vr%9Q %N rt	O	P	6		63>	63>	539	A5CDC	N	A	65	83A9	Y4.	Y4.	Y4.	Y4.
5A2W8256	d t flv %8 yzszz %vr%u9Q %N rt	O	P	6		63>	63>	539	A5CDC	N	A	65	83A9	Y4.	Y4.	Y4.	Y4.
5B2e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU CPOVIOWAVIPO P F BPATD DB OF

Cnfymnryq ehv	Csrxmymn2 Ω					Irwypdxnar vhwnwdrfh			Rspfvn2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggnnsrdpmisvq dxnar 0 l hvh vhuynxhg
	Tmk imdpfnf ymwsrp2 q hdwyvhg hr g xs hr g			Appfnf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
5A2W6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5A2W7256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	535A	Y4.	Y4.	Y4.	
5A2W8256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	535A	Y4.	Y4.	Y4.	
5B2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5C2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5D2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
652e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
662e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
672e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj d: gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkoi gr Kyffgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvrtnxmr	V2th si O nmmk whh issxhvxs RATV B	Thihvhr f h q hxf sg BU	Pyq ehvsi t s mxwvwhx&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmxfsr rhfxmr xmq h BU	Q&hvfywhr xt vsxhfxr&h gh&rhh					TCD			
					Ps si fsr gyfxsww	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul sv x fnxfymx fdt dfm2 oA	Odt mq yq t hvq nxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562/6256	d t flv 2i v r v %&v%. v r % u%Q	O	M	6	6	73>	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4.	85
562/7256	h r % % vu	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	A5CDC	M	6A	65	Y4.	Y4.	Y4.	Y4.	Y4.
562/8256	Qt %ufr t v %Os%y	O	M	6	6	73>	73>	539	A5CDC	M	6A	65	73B8	Y4.	Y4.	Y4.	Y4.
572/6256	Nt	O	M	6	6	73>	73>	539	A5CDC	M	6A	65	73B8	Y4.	Y4.	Y4.	Y4.
572/7256	d t flv 2i v r v % u%Q	O	M	7	6	73>	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4.	85
572/8256	dC%4W0r 4r	O	M	Y4g	6	73>	73>	539	A5CDC	M	6A	65	73B8	Y4.	Y4.	Y4.	Y4.
582/6256	Z u%0z r s vu%. t %r u%0 v	O	M	6	6	73>	73>	539	A5CDC	M	75	65	736D	Y4.	Y4.	Y4.	Y4.
582/7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592/6256	d t flv 2W z x%.	O	M	Y4g	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
592/7256	d t flv 2N v r v %8 y s z z %. v r %s %Q	O	M	Y4g	7	73>	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4.	85
592/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2/7256	d t flv %6 %Q %Wss	O	M	9	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
5>2/8256	d t flv 2N v r v %. %Q	O	M	7	7	73>	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4.	85
5A2/6256	d t flv 27 u%Q %Wss	O	M	9	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
5A2/7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn t sf yt s OM2YQ7

Nt hf yt s t kDB 6 %Q %z v %w0X r z %d r z

e i g 535C (Ω) Ct skvw f yt s t kxzuuq t ut q vwyl (...✓...)

q µk f yDB† >3C7 pA Smf xj xj vzj shj ht skvw j i † (...✓...)

URD Dhxdrpw

Wfuj x W (.Y4.) W (.Y4.) W (.Y4.) P A (...✓...)

Vyf yzx rsi rnf yt whrnj hpj i (.Y4.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq t yt DB nx kvtr X OM26%2l %672e256

Q&hvf ywhr xt vsxhf xr&h gh rhfhh isvx l h gnxvrneyxmr f nxfymx

BV EP (.....A5D9B27.....) Wfuj (.....M.....) Ptr rsf qfft gf l j (.955.) a Ufyrsl (.655.) A Pt t kumf xj x (...8.....)

Awvsf rdxhg TCD rndr 2

BV EP (.....Y4.....) UCD Wfuj (.Y4.) q s (.Y4.) Pt t kut qj x (.Y4.) Ruj vfyrsl yrr j (.Y4.) r x

&rnj s ymx kl zvj nx st yyf pj s kvtr BV xyf yj xt zvhj Y4.

Wrnx vj ut wynx gf xj i t s ymj r t i j qkt vw x ht sy f rsj i &rymrs f uuj si n0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I EICT f

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P.( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmymz Ω					Irwypdxrar vhwwwdrfh			Rspfvmz	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrsr dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g		Appf nf ymw			Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562/6256	Y4L	Y4L	Y4L	539>	Y4L	WDX	7550	7>5	✓	53>8	7DDD	✓	Y4L	
562/7256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
562/8256	Y4L	Y4L	Y4L	5365	Y4L	WDX	7550	7>5	✓	536C	Y4L	Y4L	Y4L	
572/6256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	
572/7256	Y4L	Y4L	Y4L	538D	Y4L	WDX	7550	7>5	✓	539B	7C3A	✓	Y4L	
572/8256	Y4L	Y4L	Y4L	WDX	Y4L	WDX	7550	7>5		WDX	Y4L	Y4L	Y4L	
582/6256	Y4L	Y4L	Y4L	538A	Y4L	WDX	7550	7>5	✓	5399	Y4L	Y4L	Y4L	
582/7256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
582/8256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
592/6256	53>8	53>8	53>8	537A	Y4L	WDX	7550	7>5	✓	53B>	6C3A	✓	Y4L	
592/7256	5399	5399	539>	5378	Y4L	WDX	7550	7>5	✓	5386	6B37	✓	Y4L	
592/8256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
5>2/6256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
5>2/7256	53A5	53A5	53A7	5386	Y4L	WDX	7550	7>5	✓	538D	7C3A	✓	Y4L	
5>2/8256	5377	5377	5377	5366	Y4L	WDX	7550	7>5	✓	536D	6C35	✓	Y4L	

Cvwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xyrnsl Y4L

VEUVED Bb

Pf r j hf unyf cx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 6546547578

VEUV IPUVTWO EPVU

Ozgnnkzshyrts	Ctsyrszny	Isxzcfyrts vjyxnxyfshj	Efwynkfzcyqttu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4L	Y4L	Y4L	Y4L	Y4L

UCD j jhyffjsjxxnxffjvwkgi zxrnsl fs fqyjvsfyrnsl hzwjysyyjxyfyvfryji vjyxnizfqtujvfryrnsl hzwjysy q$_s$

CQDEU isv V2th si 0 nnmk	A Vrrjw tudfxyrhnsxzdfyji xrnjfyrnji hfggjx	B Vrrjw tudfxyrhhfggjxrns r jyfqrhhtsizry	C Vrrjw tudfxyrhhfggjxrnsts r jyfqrhhtsizry	D Vrrjw tudfxyrhhfggjxrns r jyfqrhywzsprnsl	E Vrrjw tudfxyrhhfggjxrnsts r jyfqrhywzsprnsl	F Vrrjw tudfxyrh Vb A hfggjx	G Vrrjw txjyyrnsl Vb A hfggjx	H Ornsjvfrqrnsxzdfyji hfggjx

Vrnxvjutwnxgfxjitsynjrtijqktwrxhtsyfrnsji &nynnsfuujsin0 tkBV A

Cvhdxhg e2 VsxdpCsq t pdrfh Usix0 dvh

Sgmk ul

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj ó gi i uxj gt i k 1 ófh BX A Wkw&oxks kt ffy lux Erki ffkó gr Kyffgmgffout y

RATV A UCHEDWME P F CITCWV DEVAIMJ CPOVIOWAVIPO P F BPATD DB OF

Cnfymrqehv	Cnfymqhwfvmxmr	V2th si O nmk whissxhvs RATV B	Thihvnrfhq hxl sg BU	Pyq ehvsi t s mxvwvhx&hg	Cnfymfsr gyfxsv ryq ehv fwd			Odt gmfsr rhfxmr xmq h BU w	Q&hvfywhr xt vsxhfx8h gh&fnh					TCD			
					Ps si fsr gyfxsw	Nn8h q q	ftf q q		BU EP	V2th	Tdxmk A	Ul svx fnfymx fdt dfm2 oA	Od1mq yq thvq mxhg cw Ω	BU EP	V2th	Tdxmk A	Qt hvdxmk fywhr x p r q A
5A2W6256	d tflv 27 u%Q %Wss	O	M	9		73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5A2W7256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5A2W8256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5B2W6256	Wxky z x27 u%Q %8 v xv tzv %8 yszz %vr	O	M	>		73>	73>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5B2W7256	Wxky z x27 u%Q %Wss	O	M	A		73>	73>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5B2W8256	Wxky z x27 u%Q %wv%vr	O	M	9		73>	73>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5C2W6256	Wxky z x2z v	O	M	65		63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5C2W7256	Wxky z x2zv%Wss	O	M	65		73>	73>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5C2W8256	Wxky z x2 rz %Wss %t %Nyr xz x% %zv%	O	M	D		73>	73>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5D2W6256	Wxky z x2 ss %vr	O	M	Y4g		73>	73>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5D2W7256	Wxky z x2s zuxv	O	M	9		73>	73>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5D2W8256	Wxky z x2yz%Mr 4s zuxv%N rt	O	M	6		73>	73>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
652W6256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
652W7256	Wxky z x2v yszz %8 v xv tzv	O	M	8		73>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
652W8256	Wxky z x2v yszz %8 v xv tzv	O	M	8		73>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
662e256	S z	O	M	6		A	9	539	A5CDC	N	87	65	53AC	Y4L	Y4L	Y4L	Y4L
672e256	S z	O	M	6		A	9	539	A5CDC	N	87	65	53AC	Y4L	Y4L	Y4L	Y4L

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU CPOVIOWAVIPO P F BPATD DB OF

Cmfymr yq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hrxwdrg dggmrar dpmisvq dxrar 0 l hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr&h Nr&h	Nr&h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
5A2W6256	53-6	53-6	53-8	537A	Y4L	WDX	7550	7>5	✓	5389	7D65	✓	Y4L	
5A2W7256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
5A2W8256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
5B2W6256	Y4L	Y4L	Y4L	WDX	Y4L	WDX	7550	7>5		WDX	Y4L	Y4L	Y4L	
5B2W7256	Y4L	Y4L	Y4L	5395	Y4L	WDX	7550	7>5	✓	539C	Y4L	Y4L	Y4L	
5B2W8256	Y4L	Y4L	Y4L	538C	Y4L	WDX	7550	7>5	✓	539A	Y4L	Y4L	Y4L	
5C2W6256	Y4L	Y4L	Y4L	5377	Y4L	WDX	7550	7>5	✓	5385	Y4L	Y4L	Y4L	
5C2W7256	Y4L	Y4L	Y4L	5385	Y4L	WDX	7550	7>5	✓	538C	Y4L	Y4L	Y4L	
5C2W8256	Y4L	Y4L	Y4L	53-6	Y4L	WDX	7550	7>5	✓	53-D	Y4L	Y4L	Y4L	
5D2W6256	Y4L	Y4L	Y4L	5385	Y4L	WDX	7550	7>5	✓	539C	Y4L	Y4L	Y4L	
5D2W7256	Y4L	Y4L	Y4L	WDX	Y4L	WDX	7550	7>5		WDX	Y4L	Y4L	Y4L	
5D2W8256	Y4L	Y4L	Y4L	5356	Y4L	WDX	7550	7>5	✓	535D	Y4L	Y4L	Y4L	
652W6256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
652W7256	Y4L	Y4L	Y4L	WDX	Y4L	WDX	7550	7>5		WDX	Y4L	Y4L	Y4L	
652W8256	Y4L	Y4L	Y4L	WDX	Y4L	WDX	7550	7>5		WDX	Y4L	Y4L	Y4L	
662e256	Y4L	Y4L	Y4L	WDX	Y4L	WDX	7550	7>5		WDX	Y4L	Y4L	Y4L	
672e256	Y4L	Y4L	Y4L	WDX	Y4L	WDX	7550	7>5		WDX	Y4L	Y4L	Y4L	

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj dt gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkio gr Kyfbgmrgfbut y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvrtnxmr	V2th si O nmmk whh issxhvxs RATV B	Thihwhr f h q hxf sg BU	Pyq ehvsi t smxwvhw&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmfsr rhf xmr xmq h BU	Q&hvf ywhr xt vsxhf xr&h gh&rhh					TCD			
					Ps si fsr gyfxsw	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul sv x fnf ymx fdt df m2 oA	Odt mq yq t hvq nxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562/6256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
562/7256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
562/8256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
572/6256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
572/7256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
572/8256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
582/6256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
582/7256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
582/8256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
592/6256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
592/7256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
592/8256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5>2/6256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5>2/7256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5>2/8256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5A2/6256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5A2/7256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5A2/8256	Vxky z x2 r t fl%8 y zzz %&	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn sf yt s OM2YQ8

Nt hf yt s t kDB 6 %Q %z v %w&Xr z %l r z

e i g 5365.(Ω) Ct skvw f yt s t kxzuuq utd vwyl (...✓...)

q µk fyDB† >369 pA Smf xj xj vzj shj ht skvw j i † (...✓...)

URD Dhxdrpw

Wfuj x W(.Y4L.) W(.Y4L.) W(.Y4L.) P A (...✓...)

Vyf yzx rsi rhf yt whrnj hpj i (.Y4L.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuud yt DB nx kvtr XOM26%l %82e256

Q&hvf ywhr xt vsxhf xr&h ghrfhh isvx l h gnxvreyxnsr f nf ymx

BV EP (.....A5D9B27.....) Wfuj (.....M.....) Ptr nsf qfft gf l j (.955.) a Ufyns l (.655.) A Pt t kumf xj x (...8.....)

Awns f rdxhg TCD rndr 2

BV EP (.....Y4L.....) UCD Wfuj (.Y4L.) q s (.Y4L.) Pt t kut gj x (.Y4L.) Ruj vfyns l yn r j (.Y4L.) r x

&rnj s ymx kl zvj nx st yyf pj s kvtr BV xyf yj xt zvhj Y4L

Wmx vj ut wynx gf xj i t s ynj r t i j qkt vw x ht sy f ns j i &nyms f uuj si n0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmymz Ω					Irwypdxrar vhwwdrfh			Rspfvmz	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562/6256	Y4.	Y4.	Y4.	53A>	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	
562/7256	Y4.	Y4.	Y4.	53A>	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	
562/8256	Y4.	Y4.	Y4.	53A>	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	
572/6256	Y4.	Y4.	Y4.	53A>	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	
572/7256	Y4.	Y4.	Y4.	53A>	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	
572/8256	Y4.	Y4.	Y4.	53A>	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	
582/6256	Y4.	Y4.	Y4.	53A>	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	
582/7256	Y4.	Y4.	Y4.	53A>	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	
582/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
592/6256	Y4.	Y4.	Y4.	53A>	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	
592/7256	Y4.	Y4.	Y4.	53A>	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	
592/8256	Y4.	Y4.	Y4.	53A>	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	
5>2/6256	Y4.	Y4.	Y4.	53A>	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	
5>2/7256	Y4.	Y4.	Y4.	53A>	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	
5>2/8256	Y4.	Y4.	Y4.	53A>	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	

Cwhzrnx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xyrnsl Y4.

VEUVED Bb

Pf r j hf unyf cx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 6546547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsyrszryl	Isxzcfyrts vjyxnxyfshj	Efwymkfzcyqtu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j hyffjsj xx nx ffj vwkgi zxrnsl fs fqyj vsf yrnsl hzwjysyyj xyf yvfryj i vjyxnizfqtujvfrynsl hzwjysy q s

CQDEU isv V2th si 0 nrnnk	A Wrjw tudfxyrhnsxzcfyji xrnjfyrnji hfggjx	B Wrjw tudfxyrhhfggjx rs r jyfqrhhtsizry	C Wrjw tudfxyrhhfggjx rs sts r jyfqrhhtsizry	D Wrjw tudfxyrhhfggjx rs r jyfqrhywzsprsl	E Wrjw tudfxyrhhfggjx rs sts r jyfqrhywzsprsl	F Wrjw tudfxyrh Vb A hfggjx	G Wrjw txjyyrsl Vb A hfggjx	H Ors jvfrqrsxzcfyji hfggjx

Wrnx vjutwynx gfxj i ts yrnj r tijqktwr x htsyfrnsji &rynns fuujsir0 tkBV A

Cvhdxhg e2 VsxdpCsq t pdrfh Usix0 dvh

Sgmk ul

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj d: gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkó gr K yfgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMJ CPOVIOWAVIPO P F BP ATD DB OF

Cnfymryq ehv	Cnfymqhwfvmtxmar	V2th si O nmmk whhissxhvs RATV B	Thihvhrf h q hxl sg BU	Pyq ehvsi t s mxvwvhx&hg	Cnfymrfsr gyfxsv ryq ehv fwd			Odt gmfsr rhfxmar xmq h BU w	Q&hvfywhr xt vsxhfx&h gh&rhh					TCD			
					Ps si fsr gyfxsvw	Nr&h q q	ftf q q		BU EP	V2t h	Tdxmk A	Ul svx fmfymx fdt dfm2 oA	Od lmq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
5A2W6256	Wxky z x2 r t fl%8 yzszz %	O	M	6		73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5A2W7256	Wxky z x2 r t fl%8 yzszz %	O	M	6		73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5A2W6256	Wxky z x2 r t fl%8 yzszz %	O	M	6		73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5B2W6256	Wxky z x2 r t fl%8 yzszz %	O	M	6		73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5B2W7256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5B2W6256	Wxky z x2 r t fl%8 yzszz %	O	M	6		73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5C2W6256	Wxky z x2 r t fl%8 yzszz %	O	M	6		73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5C2W7256	Wxky z x2 r t fl%8 yzszz %	O	M	6		73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5C2W6256	Wxky z x2 r t fl%8 yzszz %	O	M	6		73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5D2e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
652e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
662e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
672W6256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
672W7256	Wxky z x2v yzszz %N rt	O	M	6		63-	63-	539	A5CDC	N	A	65	83A9	Y4L	Y4L	Y4L	Y4L
672W6256	Wxky z x2v yzszz %N rt	O	M	6		63-	63-	539	A5CDC	N	A	65	83A9	Y4L	Y4L	Y4L	Y4L

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU CPOVIOWAVIPO P F BPATD DB OF

Cmfymr yq ehv	Csrxmymr2 Ω					Irwypdxrar vhwwwdrfh			Rspfvmr2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrsr dpmisvq dxrar 0 l hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
5A2W6256	Y4L	Y4L	Y4L	53A>	Y4L	WDX	7550	7>5	✓	53B>	Y4L	Y4L	Y4L	
5A2W7256	Y4L	Y4L	Y4L	53A>	Y4L	WDX	7550	7>5	✓	53B>	Y4L	Y4L	Y4L	
5A2W8256	Y4L	Y4L	Y4L	53A>	Y4L	WDX	7550	7>5	✓	53B>	Y4L	Y4L	Y4L	
5B2W6256	Y4L	Y4L	Y4L	53A>	Y4L	WDX	7550	7>5	✓	53B>	Y4L	Y4L	Y4L	
5B2W7256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
5B2W8256	Y4L	Y4L	Y4L	53A>	Y4L	WDX	7550	7>5	✓	53B>	Y4L	Y4L	Y4L	
5C2W6256	Y4L	Y4L	Y4L	53A>	Y4L	WDX	7550	7>5	✓	53B>	Y4L	Y4L	Y4L	
5C2W7256	Y4L	Y4L	Y4L	53A>	Y4L	WDX	7550	7>5	✓	53B>	Y4L	Y4L	Y4L	
5C2W8256	Y4L	Y4L	Y4L	53A>	Y4L	WDX	7550	7>5	✓	53B>	Y4L	Y4L	Y4L	
5D2e256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
652e256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
662e256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
672W6256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
672W7256	Y4L	Y4L	Y4L	5356	Y4L	WDX	7550	7>5	✓	5366	Y4L	Y4L	Y4L	
672W8256	Y4L	Y4L	Y4L	5356	Y4L	WDX	7550	7>5	✓	5366	Y4L	Y4L	Y4L	

NICEIC APPROVED CONTRACTOR

Ynoy i kxfbio gfk oy t uff0grio d ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffxkj

CAN WA M d I EICT f

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

Kyy&kj di gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkio gr Kyfbgmrgfbut y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvmtxmar	V2th si O mmk whh issxhvxs RATV B	Thihvhr f h q hxf sg BU	Pyq ehvsi t s mxwvhw&hg	Cnfymxf sr gyf xsv r yq ehv f wd			Odl gmf sr r hf xmar xmq h BU	Q&hvf ywvhr xt vsxhf xr&h gh&rhh					TCD			
					Ps si fsr gyf xsw	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul s wx f nf ymx fdt df m2 oA	Od l mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk f ywvhr x p r q A
562/6256	N wvv%r t yz v	L	M	6	6	A	73>	539	A5CDC	N	87	65	53AC	Y4L	Y4L	Y4L	Y4L
562/7256	R z	L	M	6	6	A	73>	539	A5CDC	M	7>	65	63B>	Y4L	Y4L	Y4L	Y4L
562/8256	d t f l v 2Mr %v r	L	M	8	7	73>	63>	539	A5CDC	N	87	65	53AC	Y4L	Y4L	Y4L	Y4L
572e256	S s	dj Qv	M	6	8	A	A	539	A5CDC	N	87	65	53AC	Y4L	Y4L	Y4L	Y4L
582e256	S s	dj Qv	M	6	8	A	A	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
592/6256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
592/7256	d t f l v 2Mv y z u%Mr	O	M	7	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
592/8256	f f l	O	M	WIX	6	9	9	WIX	A5CDC	M	87	65	WIX	Y4L	Y4L	Y4L	Y4L
5>2/6256	f f l	O	M	WIX	6	9	9	WIX	A5CDC	M	87	65	WIX	Y4L	Y4L	Y4L	Y4L
5>2/7256	d t f l v 2Nr w%v r	O	M	9	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5>2/8256	d t f l v 2Nr w%v r	O	M	9	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5A2/6256	Qt %u f r t v %s	O	M	6	6	73>	73>	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
5A2/7256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5A2/8256	d t f l v 2 v%	O	M	7	6	73>	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
5B2/6256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5B2/7256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5B2/8256	f f l	O	M	WIX	6	73>	73>	WIX	A5CDC	M	6A	65	WIX	Y4L	Y4L	Y4L	Y4L
5C2/6256	Wxy z x2 v%	O	M	A	6	63>	63>	539	A5CDC	N	65	65	73BD	Y4L	Y4L	Y4L	Y4L

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn f sf yt s OM2YR8

Nt hf yt s t kDB 6 %Q %Nr w%Zwt v

e i g 536> (Ω) Ct s kvw f yt s t kxzuuq utd f vwyl (...✓...)

q µk f yDB† >376 pA Smf xj xj vzj shj ht s kvw j i † (...✓...)

URD Dhxdrpw

Wfuj x W(Y4L) W(Y4L) W(Y4L) P A (...✓...)

Vyf yzx rs i rnf yt whrnj hpj i (Y4L)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq yt DB nx kvrr XOM26%2l %692e256

Q&hvf ywvhr xt vsxhf xr&h ghrfhh isvxl h gnxxvreyxmr f nf ymx

BV EP (A5D9B27) Wfuj (M) Ptr rsf qfft gf l j (955) a Ufyrsl (755) A Pt t kumf xj x (8)

Awwsf rdxhg TCD rndr 2

BV EP (Y4L) UCD Wfuj (Y4L) q s (Y4L) Pt t kutqj x (Y4L) Ruj vfyrsl yrr j (Y4L) r x

&rnj s ymx kl zvj nx st yyf pj s kvrr BV xyf yj xt zvhj Y4L

Wrnx vj utwynx gf xj i t s ynj r t i j qltvr x htsyf rsj i &rymsf uuj si n0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0gro j o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1. qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P.( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmymr2 Ω					Irwypdxrar vhwwwdrfh			Rspfvnr2	Odl q hdwyvhg hdwd idyprx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrsrdpmisvq dxrar Ol hvh vhuynrhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g		Appf nf ymw			Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562V6256	Y4.	Y4.	Y4.	5375	Y4.	WDX	7550	7>5	✓	53B>	Y4.	Y4.	Y4.	
562V7256	Y4.	Y4.	Y4.	535>	Y4.	WDX	7550	7>5	✓	5375	Y4.	Y4.	Y4.	
562V8256	53BA	53BA	53A7	5379	Y4.	WDX	7550	7>5	✓	53BD	Y4.	Y4.	Y4.	
572e256	Y4.	Y4.	Y4.	5369	Y4.	WDX	7550	7>5	✓	537D	Y4.	Y4.	Y4.	
582e256	Y4.	Y4.	Y4.	536>	Y4.	WDX	7550	7>5	✓	5385	Y4.	Y4.	Y4.	
592V6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
592V7256	5395	5395	538B	536D	Y4.	WDX	7550	7>5	✓	5389	6C35	✓	Y4.	
592V8256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
5>2V6256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
5>2V7256	53A7	53A7	53>D	5385	Y4.	WDX	7550	7>5	✓	539>	6A39	✓	Y4.	
5>2V8256	5385	5385	537D	538B	Y4.	WDX	7550	7>5	✓	53>7	6B39	✓	Y4.	
5A2V6256	Y4.	Y4.	Y4.	535>	Y4.	WDX	WDX	7>5	✓	5375	Y4.	Y4.	Y4.	
5A2V7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5A2V8256	Y4.	Y4.	Y4.	5375	Y4.	WDX	7550	7>5	✓	538>	6C35	✓	Y4.	
5B2V6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

Cvwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xyrnsl Y4.

VEUVED Bb

Pf r j hf unyf cx UL X Pd%SZ OPd Stxnyrts P xz vv Vnlsf yzvjy Dfyj 6546547578

VEUV IPUVTWO EPVU

Ozgnnkzshyrts	Ctsyrszny l	Isxzcfyrts vjyxnxyf shj	Ef wynkf zcyqt t u rr uj i f shj	Ef wymEqihywri j Ujxnxyf shj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j jhyffjsj xxnxffjvwkgi zxrnsl fs fqyjvsfyrnsl hzwjysyyjxyf yvfryj i vjyxnizfqtujvfryrnsl hzwjysy q s

CQDEU isv V2th si 0 nnmk	A Vrrjw t ucf xyrh nsxzcf yj i xrnj f yrnj i hf gqjx	B Vrrjw t ucf xyrh hf gqjx rns r j yf qrh htsizry	C Vrrjw t ucf xyrh hf gqjx rns sts r j yf qrh htsizry	D Vrrjw t ucf xyrh hf gqjx rns r j yf qrh ywzsprnsl	E Vrrjw t ucf xyrh hf gqjx rns sts r j yf qrh ywzsprnsl	F Vrrjw t ucf xyrh Vb A hf gqjx	G Vrrjw t xj yyrnsl Vb A hf gqjx	H Ornsjvfrqnsxzcf yj i hf gqjx

Vrnxvjutwnxgf xj i t s yrnj r t i jqktwr x htsyf rnsj i &nyrnsf uujsir0 tkBV A

Cvhdxhg e2 VsxdpCsq t pdrf h Usix0 dvh

Sgmk ul

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj di gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkoi gr Kyffgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMJ

CPOVIOWAVIPO P F BPATD DB OG

Cnfymrqyq ehv	Cnfymqghwfvmtxmar	V2th si O nmmk whi ssxhvs RATV B	Thihvhrf h q hxl sg BU	Pyq ehvsi t smxvwhv&hg	Cnfymrfsr gyfxsv ryq ehv fwd			Odt gmfsr rihfxmar xmq h BU w	Q&hvfywhr xt vsxhfx&h gh&fnh					TCD			
					Ps si fsr gyfxsww	Nr&h q q	ftf q q		BU EP	V2th	Tdxmk A	Ul svx fnfymn fdt dfm2 oA	Od1mq yq thvq mxhg cw Ω	BU EP	V2th	Tdxmk A	Qt hvdxmk fywhr x p r q A
5B2/W7256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2/W6256	f fl	O	M	W0X		73>	73>	W0X	A5CDC	M	6A	65	W0X	Y4.	Y4.	Y4.	Y4.
5C2/W6256	Wxky z x2 v%a	O	M	A		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
5C2/W7256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2/W6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2/W6256	Wxky z x2r w%a	O	M	B		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
5D2/W7256	Wxky z x2r w%a	O	M	D		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
5D2/W6256	Wxky z x2r w%a	O	M	>		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
652/W6256	Wxky z x2r w%a z	O	M	>		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
652/W7256	Wxky z x2r w%a z	O	M	>		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
652/W6256	Wxky z x2r w%a z	O	M	>		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
662/W6256	Wxky z x2sr %a	O	M	B		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
662/W7256	Wxky z x2sr	O	M	>		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
662/W6256	Wxky z x2sr %a	O	M	76		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
672/W6256	P rt %Qr	L	M	6		73>	63>	539	A5CDC	O	75	65	53>>	Y4.	Y4.	Y4.	Y4.
672/W7256	T rflv%Qr	L	M	6		73>	63>	539	A5CDC	O	65	65	635D	Y4.	Y4.	Y4.	Y4.
672/W6256	S %N s r u	L	M	6		A	73>	539	A5CDC	N	75	65	635D	Y4.	Y4.	Y4.	Y4.
682/W6256	Wxky z x2%Wzt yv 4t r	L	M	B		63>	6	539	A5CDC	N	A	65	83A9	Y4.	Y4.	Y4.	Y4.
682/W7256	d tflv 2 v	L	M	9		73>	63>	539	A5CDC	M	6A	65	73B8	Y4.	Y4.	Y4.	Y4.
682/W6256	Mrz r zv	L	M	6		73>	63>	539	A5CDC	N	6A	65	63BB	Y4.	Y4.	Y4.	Y4.
692/W6256	Rr %a r yv	L	M	6		73>	63>	539	A5CDC	N	6A	65	63BB	Y4.	Y4.	Y4.	Y4.
692/W7256	T vt t v	L	M	6		73>	63>	539	A5CDC	N	6A	65	63BB	Y4.	Y4.	Y4.	Y4.
692/W6256	Qzuxv	L	M	9		73>	63>	539	A5CDC	M	87	65	63BB	Y4.	Y4.	Y4.	Y4.
6>2/W6256	Wxky z x2r r w	O	M	9		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU — CPOVIOWAVIPO PF BPATD DB OG

Cmfymr yq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdr f h cw	TCD		AFDD	Csq q hr xwdr g dggmrar dpmisvq dxrar 0 l hvh vhuymhg
	Tmk imdpf nf ymwsr p2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxxdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
5B2/V7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5B2/V8256	Y4.	Y4.	Y4.	WIX	Y4.	WIX	7550	7>5		WIX	Y4.	Y4.	Y4.	
5C2/V8256	Y4.	Y4.	Y4.	537D	Y4.	WIX	7550	7>5	✓	5399	Y4.	Y4.	Y4.	
5C2/V7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5C2/V8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5D2/V8256	Y4.	Y4.	Y4.	537>	Y4.	WIX	7550	7>5	✓	5395	Y4.	Y4.	Y4.	
5D2/V7256	Y4.	Y4.	Y4.	537>	Y4.	WIX	7550	7>5	✓	5395	Y4.	Y4.	Y4.	
5D2/V8256	Y4.	Y4.	Y4.	537>	Y4.	WIX	7550	7>5	✓	5395	Y4.	Y4.	Y4.	
652/V8256	Y4.	Y4.	Y4.	537>	Y4.	WIX	7550	7>5	✓	5395	Y4.	Y4.	Y4.	
652/V7256	Y4.	Y4.	Y4.	537>	Y4.	WIX	7550	7>5	✓	5395	Y4.	Y4.	Y4.	
652/V8256	Y4.	Y4.	Y4.	537>	Y4.	WIX	7550	7>5	✓	5395	Y4.	Y4.	Y4.	
662/V8256	Y4.	Y4.	Y4.	537>	Y4.	WIX	7550	7>5	✓	5395	Y4.	Y4.	Y4.	
662/V7256	Y4.	Y4.	Y4.	537>	Y4.	WIX	7550	7>5	✓	5395	Y4.	Y4.	Y4.	
662/V8256	Y4.	Y4.	Y4.	537>	Y4.	WIX	7550	7>5	✓	5395	Y4.	Y4.	Y4.	
672/V8256	Y4.	Y4.	Y4.	5366	Y4.	WIX	7550	7>5	✓	537A	Y4.	Y4.	Y4.	
672/V7256	Y4.	Y4.	Y4.	5366	Y4.	WIX	7550	7>5	✓	537A	Y4.	Y4.	Y4.	
672/V8256	Y4.	Y4.	Y4.	5369	Y4.	WIX	WIX	7>5	✓	537C	Y4.	Y4.	Y4.	
682/V8256	Y4.	Y4.	Y4.	537>	Y4.	WIX	7550	7>5	✓	5395	Y4.	Y4.	Y4.	
682/V7256	Y4.	Y4.	Y4.	536>	Y4.	WIX	7550	7>5	✓	5385	Y4.	Y4.	Y4.	
682/V8256	Y4.	Y4.	Y4.	5369	Y4.	WIX	7550	7>5	✓	537D	Y4.	Y4.	Y4.	
692/V8256	Y4.	Y4.	Y4.	5365	Y4.	WIX	7550	7>5	✓	537>	Y4.	Y4.	Y4.	
692/V7256	Y4.	Y4.	Y4.	5376	Y4.	WIX	7550	7>5	✓	538A	Y4.	Y4.	Y4.	
692/V8256	WIX	WIX	WIX	5386	Y4.	WIX	7550	7>5	✓	539A	Y4.	Y4.	Y4.	
6>2/V8256	Y4.	Y4.	Y4.	537>	Y4.	WIX	7550	7>5	✓	5395	Y4.	Y4.	Y4.	

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj d gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkoi gr Kyfbgmrgfbut y

RATV A UCHEDWME PF CITCWV DEVAIMJ CPOVIOWAVIPO PF BPATD DB OG

Cnfymr yq ehv	Cnfymghwfvmtxmr	V2th si O nmmk whi ssxhvs RATV B	Thihvhrf h q hxl sg BU	Pyq ehvsi t s mxvwhv&hg	Cnfymf sr gyfxsv ryq ehv fwd			Odl gmf sr rihf xmr xmq h BU	Q&hvf ywhr xt vsxhf x8h gh&fhh					TCD			
					Ps si fsr gyfxsw	Nr8h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul svx fmf ymx fdt df m2 oA	Od l mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
6>2W725 6	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6>2W825 6	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6A2W825 6	Wxky z x2t r w	O	M	9		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
6A2W725 6	Oz y r yv	dj Qv	P	6		A	A	539	A5CDC	N	87	65	53AC	Y4.	Y4.	Y4.	Y4.
6A2W825 6	d t flv 2h r v %l w v	L	M	9		73>	63>	539	A655D	N	87	65	6AAB	A655D	LN	Y4.	85
6B2e25 6	R zuu v	dj Qv	P	6		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
6C2W825 6	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6C2W725 6	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6C2W825 6	Wxky z x2t r t %l z v	O	M	6		63>	63>	539	A5CDC	N	A	65	83A9	Y4.	Y4.	Y4.	Y4.

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU CPOVIOWAVIPO P F BPATD DB OG

Cmf ymr yq ehv	Csr xmymr2 Ω					Irwypdxrar vhwwwdr f h			Rspfvmr2	Odl q hdwyvhg hdwd idyrx psst rq t hgdr f h cw	TCD		AFDD	Csq q hr xwdr g dggmrar dpmisvq dxrar 0 l hvh vhuy nxhg
	Tmk imdpf nxf ymwsr p2 q hdwyvhg hr g xs hr g			Appf nxf ymwv		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
6>2V7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6>2V8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6A2V6256	Y4.	Y4.	Y4.	537>	Y4.	WDX	7550	7>5	✓	5395	Y4.	Y4.	Y4.	
6A2V7256	Y4.	Y4.	Y4.	535C	Y4.	WDX	7550	7>5	✓	5379	Y4.	Y4.	Y4.	
6A2V8256	5376	5377	538B	536>	Y4.	WDX	7550	7>5	✓	5385	6D35	✓	Y4.	
6B2e256	Y4.	Y4.	Y4.	5379	Y4.	WDX	7550	7>5	✓	538D	Y4.	Y4.	Y4.	
6C2V6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6C2V7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6C2V8256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	536A	Y4.	Y4.	Y4.	

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj ó gi i uxj gt i k 1 ófn BX A Wkw&oxks kt ffy lux Erki ffkói gr Kyfgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvmtxmar	V2th si O mmk whi issxhvxs RATV B	Thihwhr f h q hxd sg BU	Pyq ehvsi t s mxwvwhx&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmxfsr rhfxmar xmq h BU	Q&hvfywhr xt vsxhfxm&h ghr&mfnh					TCD			
					Ps si fsr gyfxsww	Nm&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul sv x fmfymx fdt dfm2 oA	Odl mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562e256	N uv v%z	R	P	6	8	A	L	>35	A5CDC	N	95	65	53=>	Y4.	Y4.	Y4.	Y4.
572e256	N uv v%z	R	P	6	8	A	L	>35	A5CDC	N	95	65	53=>	Y4.	Y4.	Y4.	Y4.
582e256	N uv v%z	R	P	6	8	A	L	>35	A5CDC	N	95	65	53=>	Y4.	Y4.	Y4.	Y4.
592e256	N uv v%z	R	P	6	8	9	L	539	A5CDC	N	7>	65	53CB	Y4.	Y4.	Y4.	Y4.
5>2e256	N uv v%z	R	P	6	8	9	L	539	A5CDC	N	7>	65	53CB	Y4.	Y4.	Y4.	Y4.
5A2e256	N uv v%z	R	P	6	8	73>	L	539	A5CDC	N	6A	65	63BB	Y4.	Y4.	Y4.	Y4.
5B2e256	N uv v%z	R	P	6	8	73>	L	539	A5CDC	N	6A	65	63BB	Y4.	Y4.	Y4.	Y4.
5C2e256	N uv v%z	R	P	6	8	A	L	539	A5CDC	N	7>	65	53CB	Y4.	Y4.	Y4.	Y4.
5D2e256	N uv v%z	R	P	6	8	A	L	539	A5CDC	N	7>	65	53CB	Y4.	Y4.	Y4.	Y4.
652e256	f fl	R	P	WBX	8	63>	L	WBX	A5CDC	N	6A	65	WBX	Y4.	Y4.	Y4.	Y4.
662e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xm sf yt s OM2Yc 7

Nt hf yt s t kDB e %Q %X r z %a r %

e_{ig} 5365 (Ω) Ct skvw f yt s t kxzuuq utqf vwyl (✓)

$q_{\mu k}$fyDB† 9367 pA Smf xj xj vzj shj ht skvw j i † (✓)

URD Dhxdmpv

Wfuj x W (Y4.) W (Y4.) W (Y4.) P A (✓)

Vyf yzx rsi mf yt whmj hpj i (Y4.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq yt DB nx kvtr XOM26%1 %>2e256

Q&hvfywhr xt vsxhfxm&h ghrfnh isvxl h gmxvmeyxmar fmfymx

BV EP (A5D9B27) Wfuj (M) Ptr rsf qfft qyf l j (955) a Ufyrsl (7>5) A Pt t kumf xj x (8)

Awvsfrdxhg TCD rmdr 2

BV EP (Y4.) UCD Wfuj (Y4.) q_s (Y4.) Pt t kutqj x (Y4.) Ruj vfyrsl yrr j (Y4.) r x

&mj s ymx kl zvj nx st yyf pj s kvtr BV xyf yj xt zvhj Y4.

Wmx vj ut wynx gf xj i t s ymj r t i j qkt vw x ht sy frsj i &nymsf uuj sir0 t kBV A

Cvhdxhg e2 VsxdpCsq t pmdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P.( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymryq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562e256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	Y4.	7>5		WDX	Y4.	Y4.	Y4.	
572e256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
582e256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
592e256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	Y4.	7>5		WDX	Y4.	Y4.	Y4.	
5>2e256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
5A2e256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
5B2e256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
5C2e256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
5D2e256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
652e256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
662e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
672e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

Cvwhznyx jvznur jsyffzcqsjvfrggjyt ifr flj &rmjs yjxyrnsl Y4.

VEUVED Bb

Pfr j hfunyfcx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 5D46547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsyrszryl	Isxzdfyrts vjyxnxyfshj	Efwymkfzqyqtu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j jhyffjsjxxnxffjvwkgi zxrnsl fs fqyjvsfyrnsl hzwjysyyjxyfyvfvyji vjyxnizfqtujvfrynsl hzwjysy qs

CQDEU isv V2th si 0 nmnk	A Vrjvw tudfxyrhnsxzdfyji xmjfymji hfggjx	B Vrjvw tudfxyrhhfggjxrns rjyfqphhtsizry	C Vrjvw tudfxyrhhfggjxrnsstsrjyfqphhtsizry	D Vrjvw tudfxyrhhfggjxrnsrjyfqphywzsprnsl	E Vrjvw tudfxyrhhfggjxrnsstsrjyfqphywzsprnsl	F Vrjvw tudfxyrh Vb A hfggjx	G Vrjvw txjyyrnsl Vb A hfggjx	H Ornsjvfrqrnsxzdfyji hfggjx

Vrmxvjyutwrnxgfxjitsymjrtijqktwrxhtsyfrnsji &rymnsfuujsir0 tkBV A **Cvhdxhg e2 VsxdpCsq t pdrfh Usix0 dvh** Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxfbio gfk oy t uff0grio d ffhk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffxkj

CAN WA M d I EICT f

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj di gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkio gr Kyffgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvrtnxmr	V2th si O nmmk whhissxhvxs RATV B	Thihvhr f h q hxf sg BU	Pyq ehvsi t s mxwvhw&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmfsr rhfxmr xmq h BU	Q&hvfywhr xt vsxhf xr&h gh&rhh					TCD			
					Ps si fsr gyfxsww	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul sw x fnfymx fdt dfm2 oA	Odt mq yq t hvq nxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562/6256	M4%dD%r 4 t%Qt	O	M	Y4g	6	73>	73>	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
562/7256	M4%&w%tu4 t4ur%Qt	O	M	Y4g	6	73>	73>	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
562/8256	M4%dC t4r%Qt	O	M	Y4g	6	73>	73>	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
572/6256	du t%Su4 9	O	M	Y4g	6	73>	73>	539	A5CDC	M	75	65	736D	Y4L	Y4L	Y4L	Y4L
572/7256	d tflv 2b r %a %dD%%S z %	O	M	65	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
572/8256	d tflv 2L ty%a	O	M	6	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
582/6256	d tflv 2zw%a ty%Nlvr v	O	M	6	6	73>	73>	539	A655D	N	75	65	6AAB	A655D	LN	Y4L	85
582/7256	Nt %a v %vru%a %t	O	M	6	6	73>	73>	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
582/8256	d tflv 2s4%a64t4B	O	M	6	6	73>	73>	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
592/6256	d tflv 2cvru%a	O	M	>	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
592/7256	d tflv 2cvru%a	O	M	>	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
592/8256	dB%&w%Wss 4vruzx%a %Nlvr v %d	O	M	6	6	73>	73>	539	A655D	N	75	65	6AAB	A655D	LN	Y4L	85
5>2/6256	c v %dy v %O	O	M	6	6	73>	73>	539	A5CDC	M	75	65	736D	Y4L	Y4L	Y4L	Y4L
5>2/7256	d tflv 2cvru%a	O	M	>	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5>2/8256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5A2/6256	d tflv 2P v r % zty%a %%d v	O	M	8	7	73>	73>	539	A655D	N	75	65	6AAB	A655D	LN	Y4L	85
5A2/7256	d tflv 2cvru%a	O	M	>	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5A2/8256	Ozrsvu%&w%d	O	M	6	6	9	9	539	A5CDC	M	87	65	63BB	Y4L	Y4L	Y4L	Y4L

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn t sf yt s OM2YM6

Nt hf yt s t kDB cvr %v&M zuzx%8 v r %d v%a

e i g 535>.(Ω) Ct skvw f yt s t kxzuuq utq f vwyl (...✓....)

q µk f yDB† C3D5 pA Smf xj xj vzj shj ht skvw j i † (...✓....)

URD Dhxdrpw

Wfuj x W(.Y4L.) W(.Y4L.) W(.Y4L.) P A (...✓....)

Vyf yzx rsi rnf yt whrnj hpj i (.Y4L.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq t DB nx kvtr XOM26%1 %52e256

Q&hvf ywvhr xt vsxhf xr&h ghrfhh isvx l h gnxvxreyxrsr f nf ymx

BV EP (.....A5D9B27.....) Wfuj (.....M.....) Ptr rsf qfft gf l j (.....955.....) a Ufyrsl (.....655.....) A Pt t kumf xj x (.....8.....)

Awwsf rdxhg TCD rndr 2

BV EP (.....Y4L.....) UCD Wfuj (.....Y4L.....) q s (.....Y4L.....) Pt t kutqj x (.....Y4L.....) Rujvfyrsl yrr j (.....Y4L.....) r x

&rnj s ymx kl zvj nx st yyf pj s kvtr BV xyf yj xtzvhj Y4L

Wfnx vj utwynx gf xj i t s ynj r t i j qltvw x htsyf rsj i &rymsf uuj sir0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmymr2 Ω					Irwypdxrar vhwwxdrfh			Rspfvnr2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrsrdpmisvq dxrar Ol hvh vhuynxhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562/6256	Y4L	Y4L	Y4L	53>C	Y4L	WIX	7550	7>5	✓	53A8	Y4L	Y4L	Y4L	
562/7256	Y4L	Y4L	Y4L	53C8	Y4L	WIX	7550	7>5	✓	53CC	Y4L	Y4L	Y4L	
562/8256	Y4L	Y4L	Y4L	5399	Y4L	WIX	7550	7>5	✓	539D	Y4L	Y4L	Y4L	
572/6256	Y4L	Y4L	Y4L	539>	Y4L	WIX	7550	7>5	✓	53>5	Y4L	Y4L	Y4L	
572/7256	53BB	53BA	53C6	53BD	Y4L	WIX	7550	7>5	✓	5399	7B37	✓	Y4L	
572/8256	635B	635B	6366	53>9	Y4L	WIX	7550	7>5	✓	53>D	7D3C	✓	Y4L	
582/6256	Y4L	Y4L	Y4L	5396	Y4L	WIX	7550	7>5	✓	539A	7B3C	✓	Y4L	
582/7256	Y4L	Y4L	Y4L	53>>	Y4L	WIX	WIX	7>5	✓	53A5	Y4L	Y4L	Y4L	
582/8256	Y4L	Y4L	Y4L	6358	Y4L	WIX	7550	7>5	✓	635B	Y4L	Y4L	Y4L	
592/6256	53CA	53CA	53CD	5398	Y4L	WIX	7550	7>5	✓	539C	6D3D	✓	Y4L	
592/7256	53A9	53A>	53AB	53B7	Y4L	WIX	7550	7>5	✓	53BA	8536	✓	Y4L	
592/8256	Y4L	Y4L	Y4L	53BB	Y4L	WIX	WIX	7>5	✓	5397	7535	✓	Y4L	
5>2/6256	Y4L	Y4L	Y4L	WIX	Y4L	WIX	7550	7>5		WIX	Y4L	Y4L	Y4L	
5>2/7256	539A	539C	5399	5377	Y4L	WIX	7550	7>5	✓	537B	7C35	✓	Y4L	
5>2/8256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	

Cvwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xyrnsl Y4L

VEUVED Bb

Pf r j hf unyf cx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 5C46547578

VEUV IPUVTWO EPVU

Ozgnnkzshyrts	Ctsyrszny	Isxzdfyrts vjyxnxyfshj	Efwynkfzqyqtu rr ujifshj	Efwyn Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4L	Y4L	Y4L	Y4L	Y4L

UCD j jhyffjsjxxnxffjvwkgi zxrnsl fs fqyjvsfyrnsl hzwjysyyjxyfyvfryji vjyxnizfqtujvfryrnsl hzwjysy qs

CQDEU isv V2th si 0 nnmk	A Wrjw tudfxyrhnsxzdfyji xrnjfyrnji hfgqjx	B Wrjw tudfxyrhhfgqjxrns rjyfqrhhtsizry	C Wrjw tudfxyrhhfgqjxrnsts rjyfqrhhtsizry	D Wrjw tudfxyrhhfgqjxrns rjyfqrhywzsprnsl	E Wrjw tudfxyrhhfgqjxrnsts rjyfqrhywzsprnsl	F Wrjw tudfxyrh Vb A hfgqjx	G Wrjw txjyyrnsl Vb A hfgqjx	H Onsjvfrqrnsxzdfyji hfgqjx

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj d: gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkó gr K yfgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMJ

CPOVIOWAVIPO P F BPATD DB OB

Cnfymr yq ehv	Cnfymghwfvmtxmr	V2th si O nmmk whi ssxhvs RATV B	Thihvhrf h q hxl sg BU	Pyq ehvsi t s mxvwvhx&hg	Cnfymnf sr gyfxsv ryq ehv fwd			Odt gmf sr rihf xmr xmq h BU w	Q&hvf ywhr xt vsxhf x&h gh&mh					TCD			
					Ps si fsr gyfxsw	Nr&h q q	f t f q q		BU EP	V2t h	Tdxmk A	Ul svx fnf ymx fdt df m2 oA	Od lmq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
5A2V6256	d tflv 2P v r % zty% %%i v	O	M	8		73>	73>	539	A655D	N	75	65	6AAB	A655D	LN	Y4L	85
5A2V7256	d tflv 2: vru%	O	M	>		73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5A2V8256	Ozrsvu%%w%	O	M	6		9	9	539	A5CDC	M	87	65	63BB	Y4L	Y4L	Y4L	Y4L
5B2V6256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5B2V7256	d r v% v% z	O	M	6		A	A	539	A5CDC	M	87	65	63BB	Y4L	Y4L	Y4L	Y4L
5B2V8256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5C2V6256	d %i	O	M	6		73>	73>	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5C2V7256	P v r %t % z	O	M	6		9	9	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5C2V8256	P v r %t % z	O	M	6		9	9	539	A5CDC	M	87	65	63BB	Y4L	Y4L	Y4L	Y4L
5D2e256	P v r %t % z	O	M	6		9	9	539	A5CDC	N	7>	65	53CB	Y4L	Y4L	Y4L	Y4L
652V6256	P v r %t 2 z	O	M	6		9	9	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
652V7256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
652V8256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
662e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
672e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU CPOVIOWAVIPO P F BPATD DB OB

Cmf ymr yq ehv	Csr xmymr2 Ω					Irwypdxrar vhwwwdr f h			Rspfvmr2	Odl q hdwyvhg hdwd idyrx psst rq t hgdr f h cw	TCD		AFDD	Csq q hr xwdr g dggmrar dpmisvq dxrar 0 l hvh vhuy nxhg
	Tmk imdpf nxf ymwsr p2 q hdwyvhg hr g xs hr g			Appf nxf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
5A2W6256	537D	537D	537D	536>	Y4L	WDX	7550	7>5	✓	5375	9D0C	✓	Y4L	
5A2W7256	53AA	53AC	53AA	53B8	Y4L	WDX	7550	7>5	✓	53BC	7C0C	✓	Y4L	
5A2W8256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	7>5		Y4L	Y4L	Y4L	Y4L	
5B2W6256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
5B2W7256	Y4L	Y4L	Y4L	WDX	Y4L	WDX	7550	7>5		WDX	Y4L	Y4L	Y4L	
5B2W8256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
5C2W6256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	7>5		Y4L	Y4L	Y4L	Y4L	
5C2W7256	Y4L	Y4L	Y4L	WDX	Y4L	WDX	7550	7>5		WDX	Y4L	Y4L	Y4L	
5C2W8256	Y4L	Y4L	Y4L	WDX	Y4L	WDX	7550	7>5		WDX	Y4L	Y4L	Y4L	
5D2e256	Y4L	Y4L	Y4L	WDX	Y4L	WDX	7550	7>5		WDX	Y4L	Y4L	Y4L	
652W6256	Y4L	Y4L	Y4L	WDX	Y4L	WDX	7550	7>5		WDX	Y4L	Y4L	Y4L	
652W7256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
652W8256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
662e256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
672e256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	

NICEIC APPROVED CONTRACTOR

Ynoy i kxfbio gfk oy t uff0grio d ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffxkj

CAN WA M d l EICT f

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

Kyy&kj dt gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkio gr Kyfgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvrtnxmr	V2th si O nmnk whh issxhvxs RATV B	Thihvhr f h q hxf sg BU	Pyq ehvsi t s mxwvwhx&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmxfsr rhfxmr xmq h BU	Q&hvfywvhr xt vsxhfxr&h gh&rhh					TCD			
					Ps si fsr gyfxsww	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul sw x fnxfymx fdt dfm2 oA	Odt mq yq t hvq nxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562/M6256	Wxky z x2r t y%v z v v	O	M	Y4g	6	63>	6	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
562/M7256	Wxky z x2vr u%s	O	M	65	6	63>	6	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
562/M8256	Wxky z x2 v %M zu%N zu	O	M	67	6	63>	6	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
572/M6256	Wxky z x2sz %d v1 zty%s tv v r %d v	O	M	C	6	63>	6	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
572/M7256	Wxky z x2 r %S v	O	M	7	6	63>	6	539	A655D	N	65	65	6AAB	A655D	LN	Y4.	85
572/M8256	Wxky z x2uz r s vu%s t	O	M	7	6	63>	6	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
582/M6256	Wxky z x2 r z v	O	M	6A	6	63>	6	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
582/M7256	Wxky z x2 r z v	O	M	6B	6	63>	6	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
582/M8256	Wxky z x2 r z v	O	M	6B	6	63>	6	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
592/M6256	Wxky z x2r t y%d z x%s	O	M	8	6	63>	6	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
592/M7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592/M8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn t sf yt s OM2YM7

Nt hf yt s t kDB c v r %v&M zu z x%8 v r %d v%s

e i g 535C (Ω)

q µk f yDB† B3C6 pA

Ct skvr f yt s t kxzuuq t ut q vwyl (...✓...)

Smf xj xj vzj shj ht skvr j i † (...✓...)

URD Dhxdrpv

Wruj x W (Y4.) W (Y4.) W (Y4.) P A (...✓...)

Vyf yzx rsi rhf yt wh rnj hpj i (Y4.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq t yt DB nx kvr r XOM26%1 %62e256

Q&hvf ywvhr xt vsxhf xr&h gh rhfhh isvxl h gnxvrreyxrsr f nxfymx

BV EP (A5D9B27) Wruj (M) Ptr rsf qfft gf l j (955) a Ufyrsl (655) A Pt t kumf xj x (8)

Awvsf rdxhg TCD rndr 2

BV EP (Y4.) UCD Wruj (Y4.) q s (Y4.) Pt t kut qj x (Y4.) Ruj vfyrsl yrr j (Y4.) r x

&rnj s ymx kl zvj nx st yyf pj s kvr r BV xyf yj xt zvhj Y4.

Wrnx vj ut wynx gf xj i t s ynj r t i j qkt vr x ht sy f rsj i &nyrns f uuj si n0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgrnk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmymz Ω					Irwypdxrar vhwwwdrfh			Rspfvmz	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562/6256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
562/7256	Y4.	Y4.	Y4.	53C5	Y4.	WDX	7550	7>5	✓	53CC	Y4.	Y4.	Y4.	
562/8256	Y4.	Y4.	Y4.	53DA	Y4.	WDX	7550	7>5	✓	6359	Y4.	Y4.	Y4.	
572/6256	Y4.	Y4.	Y4.	5369	Y4.	WDX	7550	7>5	✓	5377	Y4.	Y4.	Y4.	
572/7256	Y4.	Y4.	Y4.	539>	Y4.	WDX	7550	7>5	✓	53-8	7D35	✓	Y4.	
572/8256	Y4.	Y4.	Y4.	5395	Y4.	WDX	7550	7>5	✓	539C	Y4.	Y4.	Y4.	
582/6256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
582/7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
582/8256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
592/6256	Y4.	Y4.	Y4.	53-7	Y4.	WDX	7550	7>5	✓	53A5	Y4.	Y4.	Y4.	
592/7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
592/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5>2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5A2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5B2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

Cvwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xynsl Y4.

VEUVED Bb

Pf r j hf unyf qx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 5C46547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsynszny	Isxzdjyrts vjyxnxyfshj	Efwynkfzqyqtu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j jhyffjsjxxnxffjvwkgji zxnsl fs fqyjvsfynsl hzwjysyyjxyfyvfryji vjyxnizfqtujvfrynsl hzwjysy q s

CQDEU isv V2th si 0 nnnk	A Wrjvw tudjxynhnsxzdjyji xrnjfynji hfggjx	B Wrjvw tudjxynhhfggjxrns r jyfqnhhtsizry	C Wrjvw tudjxynhhfggjxrnsts r jyfqnhhtsizry	D Wrjvw tudjxynhhfggjxrns r jyfqnhywzspnsl	E Wrjvw tudjxynhhfggjxrnsts r jyfqnhywzspnsl	F Wrjvw tudjxynh Vb A hfggjx	G Wrjvw txjyynsl Vb A hfggjx	H Onsjvfrqnsxzdjyji hfggjx

Wmxvjyutwnxgfxjits ynjr tijqktwrxhtsyfnsji &nynnsfuujsin0 tkBV A **Cvhdxhg e2 VsxdpCsq t pdrfh Usix0 dvh**

Sgmk ul

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj d gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkó gr Kyfgmgffout y

RATV A UCHEDWME P F CITCWV DEVAIMJ CPOVIOWAVIPO P F BPATD DB OB

Cnfymryq ehv	Cnfymghwfvmxmr	V2th si O nmnk whi issxhvs RATV B	Thihwhrf h q hxl sg BU	Pyq ehvsi t s mxwvhw&hg	Cnfymnf sr gyf xsv ryq ehv fwd			Odt gmf sr rihf xmr xmq h BU	Q&hvf ywhr xt vsxhf x8h gh&fhh					TCD			
					Ps si fsr gyf xsw	Nr8h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul svx fnf ymx fdt df m2 oA	Od1mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk f ywhr x p r q A
5C2e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672M6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672M7256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672M8256	d s%Xr z %2l %OM2N rt	O	M	6		63>	9	>35	A5CDC	N	A	65	83A9	Y4.	Y4.	Y4.	Y4.

APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU CPOVIOWAVIPO P F BPATD DB OB

Cnfymnryq ehv	Csrxmymn2 Ω					Irwypdxnar vhwnwdrfh			Rspfvn2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggnnsrdpmisvq dxnar 0 l hvh vhuynxhg
	Tmk imdpfnf ymwsrp2 q hdwyvhg hr g xs hr g			Appfnf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
5C2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5D2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
652e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
662e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
672W6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
672W7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
672W8256	Y4.	Y4.	Y4.	5356	Y4.	WX	7550	7>5	Y4.	535D	Y4.	Y4.	Y4.	

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj di gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkio gr Kyfgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymghwfvmtxmr	V2th si O mmk whi ssxhvs RATV B	Thihwhr f h q hxf sg BU	Pyq ehvsi t s mwvwhx&hg	Cnfymfsr gyfxsv ryq ehv fwd			Odl gmfsr rhfxmr xmq h BU	Q&hvfywhr xt vsxhfx&h gh&mh					TCD			
					Ps si fsr gyfxsw	Nm&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul s vx fmfymx fdt df m2 oA	Odl mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
572/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582/8256	ez v%N tfl% rz %B%xkyzx%Br %drz.	O	M	6	6	63>	63>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592/8256	N rt %rz %B%xkyzx%Br %drz.	O	M	6	6	63>	63>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2/8256	ez v%N tfl3% rz %C%xkyzx%ztyv %drz.	O	M	6	6	63>	63>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2/8256	N rt % rz %C%xkyzx%ztyv %drz.	O	M	6	6	63>	63>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2/8256	ez v%N tfl3 rz %D%xkyzx%vtv z % %drz.	O	M	6	6	63>	63>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2/8256	N rt 3 rz %D%xkyzx%vtv z % %drz.	O	M	6	6	63>	63>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn t sf yt s OM2N rt

Nt hf yt s t k DB c v r %v&M zuz x%8 v r %d v%

e_{ig} 535D (Ω) Ct s k w f yt s t k xzuu q ut q w y t (...✓...)

$q_{\mu k}$ f y DB† 6376 pA Smf xj xj vzj shj ht s k w r j i † (...✓...)

URD Dhxdrpw

Wruj x W (.Y4.) W (.Y4.) W (.Y4.) P A (...✓...)

Vyf yzx rsi rnf yt whrnj hpj i (.Y4.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq t yt DB nx k w r OM2YM7%1 %672/8256

Q&hvfywhr xt vsxhfx&h gh rfhh isvxl h gmwvmeyxmr f mfymx

BV EP (.....A5CDC.....) Wruj (.....N.....) Ptr rsf qfft gf l j (.....785.....) a Uf yrsl (.....A.....) A Pt t k umf xj x (.....6.....)

Awwsf rdxhg TCD rndr 2

BV EP (.....Y4.....) UCD Wruj (.....Y4.....) q_s (.....Y4.....) Pt t k ut q j x (.....Y4.....) Ruj w f yrsl yrr j (.....Y4.....) r x

&rnj s ymx k l z vj nx st yyf pj s k w r BV xyf yj xt z vhj Y4.

Wmx vj ut wynx gf xj i t s yrnj r t i j q k t w r x ht s yf rsj i &rymsf uuj si r0 t k BV A

Cvhdxhg e2 Vsxdp Csq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grj o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffxxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P.( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmymr2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
572/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
582/8256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	5365	Y4.	Y4.	Y4.	
592/8256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	5365	Y4.	Y4.	Y4.	
5>2/8256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	5365	Y4.	Y4.	Y4.	
5A2/8256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	5365	Y4.	Y4.	Y4.	
5B2/8256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	5365	Y4.	Y4.	Y4.	
5C2/8256	Y4.	Y4.	Y4.	5356	Y4.	WDX	7550	7>5	✓	5365	Y4.	Y4.	Y4.	
5D2/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
652/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
662/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
672/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

Cvwhznyx jvznur jsyffzcqsjvfrggjyt ifr flj &rmjs yjxyrnsl Y4.

VEUVED Bb

Pfr j hfunyfqx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 5C46547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsyrszryl	Isxzdjyrts vjyxnxyfshj	Efwymkfzqyqttumr ujifshj	Efwym Eqihywrij Ujxnxyfshj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j jhyffjsjxxnxffjvwkgi zxrnsl fs fqyjvsfyrnsl hzwjysyyjxyfyvfrjyi vjyxnizfqtujvfrynsl hzwjysy qs

CQDEU isv V2th si 0 nrnnk	A Vrjvwtudjxyrhnsxzdjyji xrnjfyrnji hfggjx	B Vrjvwtudjxyrhhfggjxrns rjyfqrhhtsizry	C Vrjvwtudjxyrhhfggjxrnsts rjyfqrhhtsizry	D Vrjvwtudjxyrhhfggjxrns rjyfqrhywzsprnsl	E Vrjvwtudjxyrhhfggjxrnsts rjyfqrhywzsprnsl	F Vrjvwtudjxyrh Vb A hfggjx	G Vrjvwtxjyyrnsl Vb A hfggjx	H Onsjvfrqrnsxzdjyji hfggjx

Vrnxvjyutwrnxgfxjitsyrnjrtijqktwrxhtsyfrnsji &rymnsfuujsir0 tkBV A **Cvhdxhg e2 VsxdpCsq t pdrfh Usix0 dvh** Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxfbio gfk oy t uff0grio d ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffxkj

CAN WA M d I EICT f

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

Kyy&kj di gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkio gr Kyfbgmrgfbut y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvrtnxmr	V2th si O nmnk whhissxhvxs RATV B	Thihvhr f h q hxf sg BU	Pyq ehvsi t smxwvhw&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmfsr rhfxmr xmq h BU	Q&hvfywvhr xt vsxhf xr&h gh&rhh					TCD			
					Ps si fsr gyfxsw	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul sv x fnfymx fdt dfm2 oA	Odtmq yq thvq nxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562e256	Lz%N rz%i	O	M	6	8	A	A	539	A5CDC	N	87	65	53AC	Y4L	Y4L	Y4L	Y4L
572W6256	d tflv 2 uv%Qr%ar v	O	M	6	6	73>	73>	539	A655D	N	6A	65	6AAB	A655D	LN	Y4L	85
572W7256	Qzv%r %v vr v%ar v	O	M	6	6	73>	73>	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
572W6256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
582W6256	d tflv 2cvtv z % uv%Qv fl	O	M	B	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
582W7256	d tflv 2cvtv z	O	M	Y4g	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
582W6256	d tflv 2d v%a 4brz 4Wrs %yr xv	O	M	A	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
592e256	d r %a v %dy v %Q	O	M	6	8	73>	73>	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5>2W6256	O %N	O	M	6	6	73>	73>	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
5>2W7256	Nt %8 r tv	O	M	6	6	73>	73>	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
5>2W6256	Nt %Wss %w v	O	M	6	6	73>	73>	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
5A2W6256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5A2W7256	d tflv 2P r tv%Q v	O	M	8	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5A2W6256	d tflv 2P r tv%Q v 4Wss	O	M	8	7	73>	73>	539	A655D	N	87	65	6AAB	A655D	LN	Y4L	85
5B2W6256	Ozr s vu%r	O	M	6	6	73>	73>	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
5B2W7256	Sr u%a v %Qv r v%a N	O	M	6	7	73>	73>	539	A5CDC	M	87	65	63BB	Y4L	Y4L	Y4L	Y4L
5B2W6256	Sr u%a v %r v%a N	O	M	6	7	73>	73>	539	A5CDC	M	87	65	63BB	Y4L	Y4L	Y4L	Y4L
5C2W6256	d v%a %t	O	M	6	6	73>	73>	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L

DIUVTIBWWIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i jx nl sf yt s OM2YR6

Nt hf yt s t kDB R u%Q %v r v % v%vyz u%v t v z

e i g 5365 (Ω) Ct skvw f yt s t kxzuuq utqf vwyl (...✓...)

q µk f yDB† 93A7 pA Smf xj xj vzj shj ht skvw j i † (...✓...)

URD Dhxdrpw

Wfuj x W (Y4L) W (Y4L) W (Y4L) P A (...✓...)

Vyf yzx rsi rnf yt whrnj hpj i (Y4L)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq yt DB nx kvrr XOM26%2l %72e256

Q&hvf ywvhr xt vsxhf xr&h ghrfhh isvxl h gnxxvreyxnsr f nnf ymx

BV EP (A5D9B27) Wfuj (M) Ptr nsf qfft qyf l j (955) a Ufyns l (655) A Pt t kumf xj x (8)

Awwsf rdxhg TCD rndr 2

BV EP (Y4L) UCD Wfuj (Y4L) q s (Y4L) Pt t kut qj x (Y4L) Ruj wfyns l yrr j (Y4L) r x

&rnj s ymx kl zvj nx st yyf pj s kvrr BV xyf yj xt zvhj Y4L

Wrnx vj ut wynx gf xj i t s ynj r t i j qkt wr x ht sy f nsj i &nyms f uuj sir0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgrnk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P.( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmymr2 Ω					Irwypdxrar vhwwxdrfh			Rspfvnr2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrsr dpmisvq dxrar Ol hvh vhuynxhg
	Tmk imdpf nf ymwsr p2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562e256	Y4_	Y4_	Y4_	WDX	Y4_	WDX	7550	7>5	✓	WDX	Y4_	Y4_	Y4_	
572V6256	Y4_	Y4_	Y4_	53BC	Y4_	WDX	7550	7>5	✓	539C	6D9A	✓	Y4_	
572V7256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	7>5		Y4_	Y4_	Y4_	Y4_	
572V8256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
582V6256	53>>	53->	53-A	537C	Y4_	WDX	7550	7>5	✓	53BC	7C35	✓	Y4_	
582V7256	53BA	53BB	53BC	53BC	Y4_	WDX	7550	7>5	✓	539D	6C3C	✓	Y4_	
582V8256	5389	5389	5388	538B	Y4_	WDX	7550	7>5	✓	539B	6D35	✓	Y4_	
592e256	Y4_	Y4_	Y4_	WDX	Y4_	WDX	7550	7>5		WDX	Y4_	Y4_	Y4_	
5>2V6256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	7>5		Y4_	Y4_	Y4_	Y4_	
5>2V7256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_		Y4_	Y4_	Y4_	Y4_	
5>2V8256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_		Y4_	Y4_	Y4_	Y4_	
5A2V6256	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	Y4_	
5A2V7256	539B	539B	53>5	5379	Y4_	WDX	7550	7>5	✓	5389	6D9A	✓	Y4_	
5A2V8256	53>8	53>7	53>8	537A	Y4_	WDX	7550	7>5	✓	538B	6C3D	✓	Y4_	
5B2V6256	Y4_	Y4_	Y4_	WDX	Y4_	WDX	7550	7>5		WDX	Y4_	Y4_	Y4_	

Cvwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xyrnsl Y4_

VEUVED Bb

Pf r j hf unyf qx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 5D46547578

VEUV IPUVTWO EPVU

Ozgnnkzshyrts	Ctsyrszny l	Isxzdfyrts vjyxnxyf shj	Efwynkf zqyqt u rr uj i f shj	Efwyrn Eqihywr i j Ujxnxyf shj	UCD
65779CBA7	Y4_	Y4_	Y4_	Y4_	Y4_

UCD j hyrffjsj xx nx ffj vwkgj i zxrnsl f s fqyj vs f yrnsl hzwyj syyj xyf yvfvyj i vjyxnizf qt uj vfryrsl hzwyj sy q s

CQDEU isv V2th si 0 nrnnk	A Vrrj w t udf xyrh nsxzdf yj i xrnj f yrnj i hf ggj x	B Vrrj w t udf xyrh hf ggj x rns r j yf qrh htsi zry	C Vrrj w t udf xyrh hf ggj x rns sts r j yf qrh htsi zry	D Vrrj w t udf xyrh hf ggj x rns r j yf qrh ywzsprnsl	E Vrrj w t udf xyrh hf ggj x rns sts r j yf qrh ywzsprnsl	F Vrrj w t udf xyrh Vb A hf ggj x	G Vrrj w t xj yyrnsl Vb A hf ggj x	H Ornsj vfrqrnsxzdf yj i hf ggj x

Vrnxvjutwnxgfxj i t s yrnj r t i j qktwr x htsyf rnsj i &rynns f uujsi n0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdrf h Usix0 dvh

Sgmk ul

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj d gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkó gr K yfgmgfbut y

RATV A UCHEDWME P F CITCWV DEVAIMJ CPOVIOWAVIPO P F BP ATD DB OG

Cnfymr yq ehv	Cnfymghwfvmtxmar	V2th si O nmmk whi issxhvs RATV B	Thihwhrf h q hxl sg BU	Pyq ehvsi t s mxwvhw&hg	Cnfymf sr gyfxsv ryq ehv fwd Ps si fsr gyfxswv	Cnfymf sr gyfxsv ryq ehv fwd Nr8h q q	Cnfymf sr gyfxsv ryq ehv fwd f t f q q	Odt gmf sr rihf xmar xmq h BU w	Q&hvf ywhr xt vsxhf xr8h gh&rhh BU EP	Q&hvf ywhr xt vsxhf xr8h gh&rhh V2t h	Q&hvf ywhr xt vsxhf xr8h gh&rhh Tdxmk A	Q&hvf ywhr xt vsxhf xr8h gh&rhh Ul svx fmf ymx fdt df m2 oA	Q&hvf ywhr xt vsxhf xr8h gh&rhh Od lmq yq t hvq mxhg cw Ω	TCD BU EP	TCD V2t h	TCD Tdxmk A	TCD Qt hvdxmk fywhr x p r q A
5B2W7256	Sr u%i v %Qv r v%i N	O	M	6		73-	73-	539	A5CDC	M	87	65	63BB	Y4L	Y4L	Y4L	Y4L
5B2W8256	Sr u%i v %r v%i N	O	M	6		73-	73-	539	A5CDC	M	87	65	63BB	Y4L	Y4L	Y4L	Y4L
5C2W6256	d v%i %Qt	O	M	6		73-	73-	539	A5CDC	M	6A	65	73B8	Y4L	Y4L	Y4L	Y4L
5C2W7256	Sr u%i v %Qz r s vu% zv	O	M	6		73-	73-	539	A5CDC	M	87	65	63BB	Y4L	Y4L	Y4L	Y4L
5C2W8256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5D2e256	W xv%i v %dy v %Q	O	M	6		73-	73-	539	A5CDC	N	6A	65	63BB	Y4L	Y4L	Y4L	Y4L
652e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
662e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
672e256	d r v	Y4L	Y4L	Y4L		Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU CPOVIOWAVIPO P F BPATD DB OG

Cmf ymr yq ehv	Csr xmymr2 Ω					Irwypdxrar vhwwwdr f h			Rspfvmr2	Odl q hdwyvhg hdwd idyrx psst rq t hgdr f h cw	TCD		AFDD	Csq q hr xwdr g dggmrar dpmisvq dxrar Ol hvh vhuy nxhg
	Tmk imdpf nf ymwsr p2 q hdwyvhg hr g xs hr g			Appf nf ymav		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
5B2W7256	53>C	53>C	53>C	537D	Y4L	WDX	7550	7>5	✓	53BD	Y4L	Y4L	Y4L	
5B2W8256	539C	539B	539C	5379	Y4L	WDX	7550	7>5	✓	5389	Y4L	Y4L	Y4L	
5C2W6256	Y4L	Y4L	Y4L	WDX	Y4L	WDX	7550	7>5		WDX	Y4L	Y4L	Y4L	
5C2W7256	53>7	53>8	53>9	537B	Y4L	WDX	7550	7>5	✓	538B	Y4L	Y4L	Y4L	
5C2W8256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
5D2e256	Y4L	Y4L	Y4L	WDX	Y4L	WDX	7550	7>5		WDX	Y4L	Y4L	Y4L	
652e256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
662e256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	
672e256	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	

NICEIC APPROVED CONTRACTOR

Ynoy i kxfbkó gfk oy t uff0grój ó ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffxkj

CAN WA M d I EICT f

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

Kyy&kj ó gi i uxj gt i k 1 ófn BX A Wkw&oxks kt ffy lux Erki ffkó gr Kyfgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvrtnxmr	V2th si O nmnk whh issxhvxs RATV B	Thihvhr f h q hxf sg BU	Pyq ehvsi t smxwvhw&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmfsr rhf xmr xmq h BU	Q&hvf ywvhr xt vsxhf xr&h gh&rfnh					TCD			
					Ps si fsr gyfxsvw	Nr&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul sv x fnf ymx fdt df m2 oA	Od l mq yq t hvq nxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywvhr x p r qA
562/M625 6	Vtky z x2 zv %Qr zuv	O	M	6C	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
562/M725 6	Vtky z x2srs %Nyr xv4 v	O	M	8	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
562/M825 6	Vtky z x2y z %z v 4 ss	O	M	8	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
572/M625 6	d s%rz %l %OM2N rt	O	M	6	6	73>	73>	>35	A5CDC	N	A	65	83A9	Y4L	Y4L	Y4L	Y4L
572/M725 6	Vtky z x2r %8 v r %rw	O	M	>	6	73>	73>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
572/M825 6	Vtky z x2 uv %Mzuxv	O	M	>	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
582/M625 6	Vtky z x2 zv %Wss 4zv%Wss	O	M	C	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
582/M725 6	Vtky z x2vtv z %l z %zuuv	O	M	6	6	73>	73>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
582/M825 6	Vtky z x2vtv z %l	O	M	7>	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
592/M625 6	Vtky z x2vtv z %l z %Qr	O	M	6	6	73>	73>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
592/M725 6	Vtky z x2vtv z %l z %vr	O	M	6	6	73>	73>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
592/M825 6	Vtky z x2vtv z %rz	O	M	6>	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5>2/M625 6	Vtky z x2y %vr	O	M	65	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5>2/M725 6	Vtky z x2vtv z %l z %rz %8 r tv	O	M	8	6	63>	63>	539	A5CDC	N	65	65	736D	Y4L	Y4L	Y4L	Y4L
5>2/M825 6	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5A2/M625 6	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5A2/M725 6	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5A2/M825 6	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn fsf yt s OM2YR7

Nt hf yt s t kDB R u%Q %v r v % v%vyz u%v t v z

e i g 535>.(Ω) Ct skvw f yt s t kxzuuq utq vwyl (...✓...)

q µk f yDB† DBBC pA Smf xj xj vzj shj ht skvw j i † (...✓...)

URD Dhxdrpw

Wfuj x W(Y4L.) W(Y4L.) W(Y4L.) P A(...✓...)

Vyf yzx rsi rnf yt whrnj hpj i (Y4L.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq yt DB nx kvrr XOM26%l %82e256

Q&hvf ywvhr xt vsxhf xr&h gh rfnh isvx l h gnmxvreyxmr f nf ymx

BV EP (A5D9B27) Wfuj (M) Ptr rsf qfft qf l j (955) a Ufyrsl (655) A Pt t kumf xj x (8)

Awvsf rdxhg TCD rndr 2

BV EP (Y4L.) UCD Wfuj (Y4L.) q s (Y4L.) Pt t kutq j x (Y4L.) Ruj vfyrsl yrr j (Y4L.) r x

&rnj s ymx kl zvj nx st yyf pj s kvrr BV xyf yj xt zvhj Y4L.

Wfnx vj utwynx gf xj i t s ynj r t i j qt vw x ht syf rsj i &rymsf uuj sir0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P.( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmymr2 Ω					Irwypdxrar vhwwwdrfh			Rspfvnr2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrsr dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsr p2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562/6256	Y4.	Y4.	Y4.	53CA	Y4.	WDX	7550	7>5	✓	53D6	Y4.	Y4.	Y4.	
562/7256	Y4.	Y4.	Y4.	53B>	Y4.	WDX	7550	7>5	✓	5395	Y4.	Y4.	Y4.	
562/8256	Y4.	Y4.	Y4.	537D	Y4.	WDX	7550	7>5	✓	5389	Y4.	Y4.	Y4.	
572/6256	Y4.	Y4.	Y4.	535A	Y4.	WDX	7550	7>5	Y4.	5366	Y4.	Y4.	Y4.	
572/7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
572/8256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
582/6256	Y4.	Y4.	Y4.	53A9	Y4.	WDX	7550	7>5	✓	53AD	Y4.	Y4.	Y4.	
582/7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
582/8256	Y4.	Y4.	Y4.	63BA	Y4.	WDX	7550	7>5	✓	6396	Y4.	Y4.	Y4.	
592/6256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
592/7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
592/8256	Y4.	Y4.	Y4.	53>D	Y4.	WDX	7550	7>5	✓	53A9	Y4.	Y4.	Y4.	
5>2/6256	Y4.	Y4.	Y4.	539A	Y4.	WDX	7550	7>5	✓	53>6	Y4.	Y4.	Y4.	
5>2/7256	Y4.	Y4.	Y4.	WDX	Y4.	WDX	7550	7>5		WDX	Y4.	Y4.	Y4.	
5>2/8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

Cvwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xyrnsl Y4.

VEUVED Bb

Pf r j hf unyf qx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 5D46547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsyrszryl	Isxzdjyrts vjyxnxyfshj	Efwymkfzqyqttu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j hyrffjsj xxnxffjvwkgi zxrnsl fs fqyjvsfyrnsl hzwjysyyjxyfyvfryji vjyxnizfqtujvfryrnsl hzwjysy qs

CQDEU isv V2th si 0 nrnnk	A Vrrjw tudjxyrhnsxzdjyji xrnjfyrnji hfggjx	B Vrrjw tudjxyrhhfggjxrns r jyfqrhhtsizry	C Vrrjw tudjxyrhhfggjxrnsts r jyfqrhhtsizry	D Vrrjw tudjxyrhhfggjxrns r jyfqrhywzsprnsl	E Vrrjw tudjxyrhhfggjxrnsts r jyfqrhywzsprnsl	F Vrrjw tudjxyrh Vb A hfggjx	G Vrrjw txjyyrnsl Vb A hfggjx	H Onsjvfrqrnsxzdjyji hfggjx

Vrnxvjutwrnxgfxjits yrnjr tijqktwr x htsyfrnsji &rynnsfuujsir0 tkBV A

Cvhdxhg e2 VsxdpCsq t pdrfh Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj dt gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkoi gr Kyfgmrgffbut y

RATV A UCHEDWME PF CITCWV DEVAIMJ CPOVIOWAVIPO PF BPATD DB OG

Cnfymrqhwfvmtxmar	V2th si O nmmk whi issxhvse RATV B	Thihvhrf h q hxl sg BU	Pyq ehvsi t s mxvwhv&hg	Cnfymrfsr gyfxsv ryq ehv fwd			Odt gmfsr rihfxmar xmq h BU w	Q&hvfywhr xt vsxhfx8h gh&rhh					TCD			
				Ps si fsr gyfxsvw	Nr8h q q	ftf q q		BU EP	V2t h	Tdxmk A	Ul svx fmfymx fdt dfm2 oA	Od1mq yq thvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
5A2V6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2V7256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2V8256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2V6256	Wkyz x2y %0z r	WdQ	M	6A		63>	63>	539	A5CDC	N	65	65	736D	Y4.	Y4.	Y4.	Y4.
5B2V7256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2V8256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672e256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1 qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU CPOVIOWAVIPO P F BPATD DB OG

Cmf ymr yq ehv	Csr xmymr2 Ω					Irwypdxrar vhwwwdr f h			Rspfvmr2	Odl q hdwyvhg hdwd idyrx psst rq t hgdr f h cw	TCD		AFDD	Csq q hr xwdr g dggmrar dpmisvq dxrar Ol hvh vhuy nxhg
	Tmk imdpf nf ymwsr p2 q hdwyvhg hr g xs hr g			Appf nf ymav		Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
5A2V6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5A2V7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5A2V8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5B2V6256	Y4.	Y4.	Y4.	5385	Y4.	WDX	7550	7>5	✓	538>	Y4.	Y4.	Y4.	
5B2V7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5B2V8256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5C2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5D2e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
652e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
662e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
672e256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

NICEIC APPROVED CONTRACTOR

Ynoy i kxfbio gfk oy t uff0grio d ffnk ykxogrt &s hkx
ngy hkkt j klgi kj ux grffxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

Kyy&kj dt gi i uxj gt i k 1 dfh BX A Wkw&oxks kt ffy lux Erki ffkio gr Kyfgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvrtnxmr	V2th si O nmnk whh issxhvxs RATV B	Thihwhr f h q hxf sg BU	Pyq ehvsi t smxwvhw&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmfsr rhf xmr xmq h BU	Q&hvf ywhr xt vsxhf x#&h gh&rfnh					TCD			
					Ps si fsr gyfxsw	Nr#&h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul sv x fnf ymx fdt df m2 oA	Odt mq yq t hvq nxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
572/6256	ez vt tfl2zfl%Mzuxv%vr	O	M	6	6	73>	73>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582/6256	N rt 2zfl%Mzuxv%vr%#xyzx	O	M	6	6	73>	73>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592/6256	N rt 2rz%8 r tv%#xyzx	O	M	6	6	73>	73>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2/6256	ez v%N tfl2 rz%8 r tv%#xyzx	O	M	6	6	73>	73>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2/6256	N rt 2rz%8%#wW#ss %#xyzx	O	M	6	6	73>	73>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
682/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
692/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6>2/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6A2/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6B2/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6C2/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn t sf yt s OM2N rt

Nt hf yt s t kDB R u%Q %vr v % v%vyz u%vt v z

e i g 5366 (Ω) Ct skvw f yt s t kxzuuq utq vwyl (✓)

q µk f yDB† 735D pA Smf xj xj vzj shj ht skvw j i † (✓)

URD Dhxdrpw

Wfuj x W (Y4.) W (Y4.) W (Y4.) P A (✓)

Vyf yzx rsi rnf yt wh rnj hpj i (Y4.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq t yt DB nx kvtr OM2YR7%l %572/6256

Q&hvf ywhr xt vsxhf x#&h gh rfnh isvx l h gnwxvreyxmr f nf ymx

BV EP (A5CDC) Wfuj (N) Ptr rsf qfft qyf l j (785) a Ufyrs l (A) A Pt t kumf xj x (6)

Awwsf rdxhg TCD rndr 2

BV EP (Y4.) UCD Wfuj (Y4.) q s (Y4.) Pt t kut qj x (Y4.) Ruj vfyrs l yrr j (Y4.) r x

&rnj s ymx kl zvj nx st yyf pj s kvtr BV xyf yj xt zvhj Y4.

Wfnx vj ut wynx gf xj i t s yrnj r t i j qkt wr x ht s yf rs j i &rymss fuuj s i n0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymr yq ehv	Csrxmymz Ω					Irwypdxrar vhwwwdrfh			Rspfvmz	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrsr dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g		Appf nf ymw			Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
572/6256	Y4.	Y4.	Y4.	5356	Y4.	W0X	7550	7>5	✓	5367	Y4.	Y4.	Y4.	
582/6256	Y4.	Y4.	Y4.	53-8	Y4.	W0X	7550	7>5	✓	53A9	Y4.	Y4.	Y4.	
592/6256	Y4.	Y4.	Y4.	535C	Y4.	W0X	7550	7>5	✓	536D	Y4.	Y4.	Y4.	
5>2/6256	Y4.	Y4.	Y4.	5356	Y4.	W0X	7550	7>5	✓	5367	Y4.	Y4.	Y4.	
5A2/6256	Y4.	Y4.	Y4.	536B	Y4.	W0X	7550	7>5	✓	537C	Y4.	Y4.	Y4.	
5B2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5C2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5D2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
652/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
662/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
672/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
682/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
692/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6>2/6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

Cvwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rmj s yj xyrnsl Y4.

VEUVED Bb

Pf r j hf unyf cx UL X Pd%SZ OPd Stxnyrts P xz vv Vnlsf yzvjy Dfyj 5D46547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsyrszny	Isxzdfyrts vjyxnxyf shj	Ef wymkf zqyqt u rr uj i f shj	Ef wymEqihywri j Ujxnxyf shj	UCD
65779CBA7	Y4.	Y4.	Y4.	Y4.	Y4.

UCD j hyrffjsj xx nx ffj vwkgi zxrnsl f s fqyj vsf yrnsl hzwyjsyyj xyf yvfryj i vjyxnizf qt uj vfryrnsl hzwyjsy q s

CQDEU isv V2th si 0 nmnk	A Wrjw tudfxyrhnsxzdfyji xmjf ymji hf gqjx	B Wrjw tudfxyrhhf gqjx rns r jyf qphhtsizry	C Wrjw tudfxyrhhf gqjx rns sts r jyf qphhtsizry	D Wrjw tudfxyrhhf gqjx rns r jyf qphywzspnsl	E Wrjw tudfxyrhhf gqjx rns sts r jyf qphywzspnsl	F Wrjw tudfxyrh Vb Ahf gqjx	G Wrjw txjyynsl Vb Ahf gqjx	H Onsjvfrqnsxzdfyji hf gqjx

Wrnxvjutwrnxgf xj i t s ymj r t i jqktwr x htsyf nsj i &rymnsf uujsi n0 tkBV A

Cvhdxhg e2 VsxdpCsq t pdrf h Usix0 dvh

Sgmk ul

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj ot gi i uxj gt i k 1 ofh BX A Wkw&oxks kt ffy lux Erki ffkio gr Kyfgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMJ

CPOVIOWAVIPO P F BPATD DB Cut 1df 1uy

Cnfymryq ehv	Cnfymghwfvtnxmr	V2th si O nmnk whi issxhvs RATV B	Thihwhrf h q hxl sg BU	Pyq ehvsi t s mxwvhw&hg	Cnfymnf sr gyf xsv ryq ehv fwd			Odt gmf sr rihf xmr xmq h BU	Q&hvf ywhr xt vsxhf x8h gh&fnh					TCD			
					Ps si fsr gyf xsw	Nn8h q q	f t f q q	w	BU EP	V2t h	Tdxmk A	Ul svx fnf ymn fdt df m2 oA	Od1mq yq t hvq mxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk f ywhr x p r q A
6A2W6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6B2W6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6C2W6256	d r v	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

NICEIC APPROVED CONTRACTOR

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

P(+ut 1. qss, -t q. su 1)0 Bh gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (

RATV B UCHEDWME P F VEUV TEUWMVU

CPOVIOWAVIPO P F BPATD DB Cut 1df 1uy

Cnfymr yq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar 0 l hvh vhuy nxhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g			Appf nf ymw		Nr&h Nr&h	Nr&h Edwl	Vhwx&spdkh DC			Qt hvdxmk xnq h	Vhwxeyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v_r	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	ms	✓	✓	
6A2V6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6B2V6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
6C2V6256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

NICEIC APPROVED CONTRACTOR

Ynoy i kxfbio gfk oy t uff0grojo ffhk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffxkj

CAN WA M d I **EICT f**

EMECVTICAMIOUVAMMAVIPO CPODIVIPO TERPTV

Kyy&kj ot gi i uxj gt i k 1 ofh BX A Wkw&oxks kt ffy lux Erki ffkoi gr Kyfgmrgffout y

RATV A UCHEDWME P F CITCWV DEVAIMU

Cnfymr yq ehv	Cnfymxghwfvwtnxmr	V2th si O nmmk whh issxhvxs RATV B	Thihwhr f h q hxf sg BU	Pyq ehvsi t s mxwvwhx&hg	Cnfymxfsr gyfxsv ryq ehv fwd			Odt gmfsr rhfxmr xmq h BU w	Q&hvfywhr xt vsxhfxr&h gh&rfnh					TCD			
					Ps si fsr gyfxsww	Nr&h q q	f t f q q		BU EP	V2t h	Tdxmk A	Ul sv x fnfymn fdt df m2 oA	Odl mq yq t hvq nxhg cw Ω	BU EP	V2t h	Tdxmk A	Qt hvdxmk fywhr x p r q A
562W7256	d t flv 2N %	O	M	A	7	73-	73-	539	A5CDC	M	87	65	63BB	Y4.	Y4.	Y4.	Y4.
572W7256	dvt z %l	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4.	Y4.	Y4.	Y4.
582W7256	dvt z %l	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4.	Y4.	Y4.	Y4.
592W7256	N r u %l t flv	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4.	Y4.	Y4.	Y4.
5>2W7256	Lt r	O	M	6	6	73-	73-	539	A5CDC	M	65	65	93BB	Y4.	Y4.	Y4.	Y4.
5A2W7256	P r t v%a fvt	O	M	6	6	73-	73-	539	A5CDC	N	6A	65	63BB	Y4.	Y4.	Y4.	Y4.
5B2W7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2W7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2W7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652W7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662W7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672W7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

DIUVTIBWVIQP BQATD DB DEVAINU fsq t phxh m h&hv2 f dwh

DB i j xn sf yt s OM2YR9

Nt hf yt s t kDB R u% %vt v z % %

e_{ig} 5369 (Ω) Ct skvw f yt s t kxzuuq utq vwyl (✓)

q_{ik} fyDB† 7369 pA Smf xj xj vzj shj ht skvw j i † (✓)

URD Dhxdrpw

Wfuj x W (Y4.) W (Y4.) W (Y4.) P A (✓)

Vyf yzx rsi rnf yt whrnj hpj i (Y4.)

VQ BE CQO RNEVED QP Nb IF VHE DB IU PQV CQP PECVED DITECVNb VQ VHE QTIGIP QF VHE IPUVANNAVIQP

Vzuuq yt DB nx kvtr XOM26%2l %6B2W7256

Q&hvf ywhr xt vsxhf xr&h ghrfnh isvx l h gnmxvreyxmr f nf ymn

BV EP (A5D9B27) Wfuj (M) Ptr rsf qfft gf l j (785) a Ufymsl (C5) A Pt t kumf xj x (6)

Awwsf rdxhg TCD rndr 2

BV EP (Y4.) UCD Wfuj (Y4.) q_s (Y4.) Pt t kutq j x (Y4.) Ruj vfymsl ymr j (Y4.) r x

&rnj s ymx kl zvj nx st yyf pj s kvtr BV xyf yj xt zvhj Y4.

Wmx vj utwynx gf xj i t s ymj r t i j qltvw x htsyf rsj i &nymsf uuj sir0 t kBV A

Cvhdxhg e2 VsxdpCsq t pdr f h Usix0 dvh

Sgmk ul

NICEIC APPROVED CONTRACTOR

Ynoy i kxf0oi gffk oy t uff0grij o ffnk ykxogrt &s hkx
ngy hkkt j klgi kj uxgrffkxkj

CAN WA M d I | EICT f

EMECVTICAMIOUVAMMAVIP O CP ODIVIP O TERP TV

P(+ut 1 qss, -t q. su 1)0 Bh *gu' +1-u8 u.)(w- F7us)-1sq7P. ( )q7q)1, . (*

RATV B UCHEDWME P F VEUV TEUWMVU

Cmfymryq ehv	Csrxmym2 Ω					Irwypdxrar vhwwdrfh			Rspfvm2	Odl q hdwyvhg hdwd idyrx psst rq t hgdrfh cw	TCD		AFDD	Csq q hr xwdrg dggmrar dpmisvq dxrar Ol hvh vhuymhg
	Tmk imdpf nf ymwsrp2 q hdwyvhg hr g xs hr g		Appf nf ymw			Nr8h Nr8h	Nr8h Edwl	Vhwx&spdkh DC			Qt hvdxmk xrq h	Vhwx eyxxsr	AFDD xhwx eyxxsr	
	Nmh v	r hyxwdp v$_r$	f t f v	T T	T	0 Ω	0 Ω	Y	✓	Ω	rms	✓	✓	
562W7256	WIX	WIX	WIX	5365	Y4.	WIX	WIX	7>5	✓	537>	Y4.	Y4.	Y4.	
572W7256	Y4.	Y4.	Y4.	5359	Y4.	WIX	WIX	7>5	✓	536D	Y4.	Y4.	Y4.	
582W7256	Y4.	Y4.	Y4.	535C	Y4.	WIX	WIX	7>5	✓	5379	Y4.	Y4.	Y4.	
592W7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	
5>2W7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.		Y4.	Y4.	Y4.	Y4.	
5A2W7256	Y4.	Y4.	Y4.	WIX	Y4.	WIX	7550	7>5		WIX	Y4.	Y4.	Y4.	
5B2W7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5C2W7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
5D2W7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
652W7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
662W7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	
672W7256	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	

Cvwhznyx j vznur j syffzcqsj vfrggj yt i f r f l j &rnj s yj xynsl Y4.

VEUVED Bb

Pf r j hf unyf qx ULXPd%SZOPd Stxnyrts P xz vv Vnlsfyzvjy Dfyj 5D46547578

VEUV IPUVTWO EPVU

Ozgnkzshyrts	Ctsynszny	Isxzdjyrts vjyxnxyfshj	Efwynkfzqyqtu rr ujifshj	Efwym Eqihywri j Ujxnxyfshj	UCD
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The purpose of periodic inspection is to determine, so far as is reasonably practicable, whether an electrical installation is in a satisfactory condition for continued service. This report provides an assessment of the condition of the electrical installation identified overleaf at the time it was inspected and tested, taking into account the stated extent of the installation and the limitations of the inspection and testing as provided in our method statement.

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Classification code C1 (Danger present)

Where an observation has been given a Classification code C1, the safety of those using the installation is at risk and immediate remedial action is required.

The person responsible for the maintenance of the installation is advised to take action without delay to remedy the observed deficiency in the installation, or to take other appropriate action (such as switching off and isolating the affected part(s) of the installation) to remove the danger. The NICEIC contractor issuing this report will be able to provide further advice.

NICEIC makes available 'Electrical Danger Notification' forms to enable inspectors to record, and then to communicate to the person ordering the report, any dangerous condition discovered.

Classification code C2 (Potentially dangerous)

Classification code C2 indicates that, whilst those using the installation may not be at immediate risk, urgent remedial action is required to remove potential danger. The NICEIC contractor issuing this report will be able to provide further advice.

It is important to note that the recommendation given for the next inspection date in PART 4 of this report is conditional upon all items which have been given a Classification code C1 and code C2 being remedied immediately and as a matter of urgency, respectively.

It would not be reasonable for the inspector to indicate that the installation is in a satisfactory condition if any observation in this report has been given a code C1 or code C2 classification.

Classification code C3 (Improvement recommended)

Where an observation has been given a Classification code C3, the inspection and/or testing has revealed a noncompliance with the current safety standard which, whilst not presenting immediate or potential danger, would result in a significant safety improvement if remedied. Careful consideration should be given to the safety benefits of improving these aspects of the installation. The NICEIC contractor issuing this report will be able to provide further advice.

Code FI (Further investigation required without delay)

It should usually be possible for the inspector to attribute a Classification code to each observation without indicating a need for further investigation.

However, where 'FI' has been entered against an observation the inspector considers that further investigation of that observation is likely to reveal danger or potential danger that, due to the agreed extent or limitations of the inspection and/or testing (entered in PART 6), could not be fully identified at the time.

It would not be appropriate for the inspector to indicate that the installation is in a satisfactory condition if there is reasonable doubt as to whether danger or potential danger exists. Consequently, where the inspector has indicated 'Further investigation required without delay' (FI) the overall assessment of the installation (PART 3) should be marked as 'Unsatisfactory'.

If the inspector has indicated that an observation requires further investigation without delay, the person ordering this report is advised to arrange for the NICEIC contractor issuing the report (or another skilled person or persons competent in such work) to undertake further examination of that aspect of the installation as a matter of urgency, to determine whether or not danger or potential danger exists.

Further information

Further information on the application of Classification codes, primarily aimed at inspectors but of possible interest to persons ordering condition reports, can be found in Electrical Safety First's Best Practice Guide No 4 Electrical installation condition reporting: Classification Codes for domestic and similar electrical installations. The guide can be viewed or downloaded free of charge from www.electricalsafetyfirst.org.uk

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6B2V82256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6C2e256	VwvX%6	R	P	6	8>	L	539	A5D9B27	M	A8	7>	Y4.	f YLg
6D2e256	h r % % vu	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	A5D9B27	M	A8	7>	Y4.	Y4.
752e256	d s%rz %l%OM2YM6	R	P	6	8>	L	>35	A5D9B27	M	655	7>	Y4.	f YLg
762e256	d s%rz %l%OM2YM7	R	P	6	7>	L	>35	A5D9B27	M	655	7>	Y4.	f YLg
772e256	d s%rz %l%OM2YR6	R	P	6	7>	L	>35	A5D9B27	M	655	7>	Y4.	f YLg
782e256	d s%rz %l%OM2YR7	R	P	6	7>	L	>35	A5D9B27	M	655	7>	Y4.	f YLg
792e256	awr% z	O	M	6	8>	7>	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

kulph) dr ef v	o (1R2 (8((	o (1S2 (((	o (1T2 6 (((	o (1U2 ((((	o ((1V2 6 (((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

d))w)d)v

k (: ((:

cr bue)ef vb knv

n))ec	2nd Floor Cleaners cuboard store Room
ec)	DB-NS3
c)o	SQUARE D
c)o	Loadcentre KQ II

v))ec))	MDB-1 -> 02-T-01
p D))	3 p) 400 Δ
r))))))	
w	BS 60947-2 ACB u 100 b

d)))))

N/A

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((Sn(FEF: 2(1 2	i ((Sn(VWv2	o	m 1R2	n 6 1 R2	mTU (.i (1 R2	g ((v (((3 (Ω)
562/V6256	d tflv 2N %d uz	O	M	9	73-	73-	539	A655D	N	87	65	85	6AAB
562/V7256	d tflv 2N %d uz	O	M	9	73-	73-	539	A655D	N	87	65	85	6AAB
562/V8256	d tflv 2N %d uz	O	M	9	73-	73-	539	A655D	N	87	65	85	6AAB
572/V6256	d tflv 2N %d uz	O	M	9	73-	73-	539	A655D	N	87	65	85	6AAB
572/V7256	d tflv 2O4L%s	O	M	9	73-	73-	539	A655D	N	87	65	85	6AAB
572/V8256	d tflv 2O4L%s	O	M	9	73-	73-	539	A655D	N	87	65	85	6AAB
582/V6256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
582/V7256	d tflv 2Nd%Zwtv	O	M	65	73-	73-	539	A655D	N	87	65	85	6AAB
582/V8256	h r v %Svr v %N %d uz	O	M	6	9	9	539	A5CDC	M	75	65	Y4L	736D
592e256	Q v%8 rt	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5>2/V6256	dvt z %Qt	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4L	73B8
5>2/V7256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5>2/V8256	Sr u%O v	O	M	6	9	9	539	A5CDC	M	75	65	Y4L	736D
5A2/V6256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5A2/V7256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5A2/V8256	P rt %Qr	O	M	6	63-	63-	539	A5CDC	N	65	65	Y4L	736D
5B2/V6256	Wxky z x2t %d uz	O	M	D	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5B2/V7256	Wxky z x2t %d uz	O	M	C	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5B2/V8256	Wxky z x2t %d uz	O	M	C	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5C2/V6256	Wxky z x2t %d uz%Zwtv	O	M	9	63-	63-	539	A5CDC	N	65	65	Y4L	736D
5C2/V7256	Wxky z x2u4%d v	O	M	7	63-	63-	539	A5CDC	N	65	65	Y4L	736D
5C2/V8256	Wxky z x2sr v%d v	O	M	7	63-	63-	539	A5CDC	N	65	65	Y4L	736D
5D2e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
652e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
662e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
672e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

kulph) dr ef v	1R2 o ((8((	1S2 o (((	1T2 o (6 (((	1U2 o (((((	1V2 o (6 (((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

d))w)d)v

k (: ((:

cr bue)ef vb knv

n))ec	Top Floor Main Plant Room
ec)	DB-NR1
c)o	SQUARE D
c)o	KQ Loadcentre II

d)))))

N/A

v))ec))	MDB-1 -> 03-T-01
p D))	3 p) 400 Δ
r))))))	
w	BS 60947-2 ACB u 100 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dlkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((Sn(FEF: 2(1 2	i ((Sn(lVw 2	o	m 1R2	n 6 1 R2	mTU (. i (1 R2	(v (((3 g ((Ω)
562W6256	Wxky z x2 r %a	O	M	65	63>	63>	539	A5CDC	N	65	65	Y4.	736D
562W7256	Wxky z x2s zv %a	O	M	9	63>	63>	539	A5CDC	N	65	65	Y4.	736D
562W8256	d tflv 2a r %%M zv %a	O	M	>	73>	73>	539	A655D	N	87	65	85	6AAB
572e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

kulph) dr ef v	1R2 o ((8((	1S2 o ((((	1T2 o ((((6 (	1U2 o (((((	1V2 o ((((6 (	1Z2 o (8(ns R(	1a2 o (8(ns R(	1b2 g 6 (

cr bue)ef vb knv

n))ec	Old LV Switch Room
ec)	MDB-2
c)o	SQUARE D
c)o	SPEED D- I LINE

d)))))

N/A

v))ec))	MDB-1 -> 06-T-01
p D))	3
p)	400 Δ
r))))))	
w	BS 60947-2 ACB
u	400 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dlkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m (g tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((Sn(FEF: 2(1 2	i ((Sn(VWi 2	o	m 1R2	n 6 1 R2	mTU (.i (1 R2	(v (((3 g ((Ω)
562e256	d s%rz %l %OM%Pd6	R	P	6	8>	L	>35	A5D9B27	M	655	7>	Y4.	f YLg
572e256	d s%rz %l %OM%Oz v %rtfl	R	P	6	7>	L	>35	A5D9B27	M	655	7>	Y4.	f YLg
582e256	Wwv%d	Q	P	6	A	L	>35	A5D9B27	M	95	7>	Y4.	f YLg
592e256	d s%rz %l %OM%N	Q	P	6	65	L	>35	A5D9B27	M	95	7>	Y4.	f YLg
5>2e256	d s%rz %l %OM%L	R	P	6	7>	L	>35	A5D9B27	M	C5	7>	Y4.	f YLg
5A2e256	d s%rz %l %OM%M	R	P	6	D>	L	>35	A5D9B27	M	655	7>	Y4.	f YLg
5B2e256	h r %% %% vu	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	A5D9B27	M	A8	7>	Y4.	Y4.
5C2e256	T r %d zty%v %% %Os%v	R	P	6	65	L	>35	A5D9B27	M	>5	7>	Y4.	f YLg
5D2e256	d s%rz %l %OM%P	Q	P	6	65	65	>35	A5D9B27	M	95	7>	Y4.	f YLg
652e256	Rr %%wxyzx%d	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662e256	d s%rz %l %OM%V	R	P	6	8>	L	>35	A5D9B27	M	655	7>	Y4.	f YLg
672W6256	Wxyzx%v vxv tzv	S	P	6	73>	d	539	A5D9B27	M	75	7>	Y4.	f YLg
672W7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672W8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
682e256	Xtt 257%yrt.	R	P	6	D>	L	>35	A5D9B27	M	7>5	7>	Y4.	f YLg
692e256	d s%rz %l %OM%O	Q	P	6	6A	L	>35	A5D9B27	M	C5	7>	Y4.	f YLg

kulph) dr ef v	1R2 o ((8((	1S2 o (((	1T2 o (6 ((((	1U2 o (((((	1V2 o (6 ((((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

d))w)d)v

k (: ((:

cr bue)ef vb knv

n))ec	1st Floor Confrence Room Store
ec)	DB-ES1
c)o	SQUARE D
c)o	Loadcentre KQ II

d)))))

N/A

v))ec))	MDB-2 -> 01-T-01
p D))	3 p) 400 Δ
r))))))	
w	BS 60947-2 ACB u 100 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dlkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m (g tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((Sn(FEF: 2(1 2	i ((Sn(VWi 2	o	m 1R2	n 6 1 R2	mTU (.i (1 R2	(v (((3 g ((Ω)
562M6256	d tflv 2N ww tv%s	O	M	A	73-	73-	539	A655D	N	87	65	85	6AAB
562M7256	N ww tv%s %Mzu	O	M	6	63-	63-	539	A5CDC	N	65	65	Y4.	736D
562M8256	d tflv 2ar %s v	O	M	7	73-	73-	539	A655D	N	87	65	85	6AAB
572M6256	f fl	O	M	WIX	63-	63-	WIX	A5CDC	M	A	65	Y4.	WIX
572M7256	d tflv 2N ww tv%s	O	M	9	73-	73-	539	A655D	N	87	65	85	6AAB
572M8256	d tflv 2Nvr v t ww tv%s	O	M	8	73-	73-	539	A655D	N	87	65	85	6AAB
582e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2M6256	Wxky z x2 r %s fNVss	O	M	A	63-	63-	539	A5CDC	N	65	65	Y4.	736D
5>2M7256	Wxky z x2 r %r fl	O	M	Y4g	63-	63-	539	A5CDC	N	65	65	Y4.	736D
5>2M8256	Wxky z x2r xv%r fl	O	M	Y4g	63-	63-	539	A5CDC	N	65	65	Y4.	736D
5A2M6256	Wxky z x2 ww tv%s %l %s v	O	M	9	63-	63-	539	A5CDC	N	65	65	Y4.	736D
5A2M7256	Wxky z x2 ww tv%s	O	M	C	63-	63-	539	A5CDC	N	65	65	Y4.	736D
5A2M8256	Wxky z x2 ww tv%s %l v	O	M	6	63-	63-	539	A5CDC	N	65	65	Y4.	736D
5B2M6256	Qzv%r %r v	Qa755	M	6	73-	73-	539	A5CDC	N	65	65	Y4.	736D
5B2M7256	c ruz %l %Wy	O	M	6	65	65	539	A5CDC	N	87	65	Y4.	53AC
5B2M8256	c ruz %l %y	O	M	6	65	65	539	A5CDC	N	87	65	Y4.	53AC
5C2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672e256	a r %s %N v	R	N	6	65	L	539	A5CDC	N	A8	65	Y4.	53B>

kulph) dr ef v	1R2 o ((8((	1S2 o (((	1T2 o (6 ((((	1U2 o (((((	1V2 o (6 ((((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

cr bue)ef vb knv

n))ec	Tank Room
ec)	DB-Dimmer Rack
c)o	SQUARE D
c)o	KQ II

d)))))

N/A

v))ec))	MDB-2 -> 02-T-01
p D))	3 p) 400 Δ
r))))))	
w	BS 60947-2 ACB u 100 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((Sn(FEF: 2(1 2	i ((Sn(IVW 2	o	m 1R2	n 6 1 R2	mTU (.i (1 R2	(v (((3 g ((Ω)
562/V6256	Oz v %rtfl%d	O	M	6	63-	63-	539	A5CDC	N	65	65	Y4.	736D
562/V7256	Oz v %rtfl%d	O	M	6	63-	63-	539	A5CDC	N	65	65	Y4.	736D
562/V8256	Oz v %rtfl%d	O	M	6	63-	63-	539	A5CDC	N	65	65	Y4.	736D
572/V6256	Oz v %rtfl%d	O	M	6	63-	63-	539	A5CDC	N	65	65	Y4.	736D
572/V7256	Oz v %rtfl%d	O	M	6	63-	63-	539	A5CDC	N	65	65	Y4.	736D
572/V8256	Oz v %rtfl%d	O	M	6	63-	63-	539	A5CDC	N	65	65	Y4.	736D
582/V6256	Oz v %rtfl%d	O	M	6	63-	63-	539	A5CDC	N	65	65	Y4.	736D
582/V7256	Oz v %rtfl%d	O	M	6	63-	63-	539	A5CDC	N	65	65	Y4.	736D
582/V8256	Oz v %rtfl%d	O	M	6	63-	63-	539	A5CDC	N	65	65	Y4.	736D
592/V6256	d s%rz %l %QM%N rt %Oz v %N .	O	M	6	63-	63-	>35	A5CDC	N	65	65	Y4.	736D
592/V7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592/V8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

kulph) dr ef v	1R2 o ((8((	1S2 o (((	1T2 o ((((6 (	1U2 o (((((	1V2 o ((((6 (	1Z2 o (8(ns R(	1a2 o (8(ns R(	1b2 g 6 (

d))w)d)v

k (: ((:

cr bue)ef vbknv

n))ec Tank Room

ec) DB-Contactor (Dimmer Control)

c)o SQUARE D

c)o Loadcentre KQ II

d)))))

N/A

v))ec)) DB-Dimmer Rack -> 04-L1-01

p D)) 1 p) 230 Δ

r))))))

w BS 60898 MCB Type C u 10 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dkudy kw)ef vbknv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 (tSn(FEF: 2(1 2	i ((Sn(lVW2	o	m 1R2	n 6 1 R2	mTU (i- (1 R2	(v (((3 g ((Ω)
562\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
572\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582\/6256	N rt 2uz r %xkxy z x	O	M	6	73-	73-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2\/6256	N rt 2uz r %xkxy z x	O	M	6	73-	73-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2\/6256	N rt 2uz r %xkxy z x	O	M	6	73-	73-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2\/6256	N rt 2uz r %xkxy z x	O	M	6	73-	73-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662\/6256	N rt 2uz r %xkxy z x	O	M	6	73-	73-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
682\/6256	N rt 2uz r %xkxy z x	O	M	6	73-	73-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
692\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6>2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6A2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6B2\/6256	N rt 2uz r %xkxy z x	O	M	6	73-	73-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6C2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6D2\/6256	N rt 2uz r %xkxy z x	O	M	6	73-	73-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
752\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
762\/6256	N rt 2uz r %xkxy z x	O	M	6	73-	73-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
772\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
782\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
792\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
7>2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
7A2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
7B2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
7C2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

kulph) dr ef v	1R2 o ((8((	1S2 o (((	1T2 o (6 (((	1U2 o (((((	1V2 o (6 (((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

cr bue)ef vb knv

n))ec	Basement Lift Motor Room
ec)	DB-C
c)o	SQUARE D
c)o	Loadcentre Series E

d)))))

N/A

v))ec))	MDB-2 -> 04-T-01
p D))	3 p) 400 Δ
r))))))	
w	BS 60947-2 ACB u 40 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dlkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((Sn(FEF: 2(1 2	i ((Sn(IVW 2	o	m 1R2	n 6 1 R2	mTU (.i (1 R2	(v (((3 g ((Ω)
562/M6256	Wxky z x2zv%X %a	O	M	6	63>	63>	539	8CB6	7	65	A	Y4L	8367
562/M7256	Wxky z x2zv%Nr	O	M	Y4g	63>	63>	539	8CB6	7	65	A	Y4L	8367
562/M8256	Wxky z x2zv%dyr w	O	M	Y4g	63>	63>	539	8CB6	7	65	A	Y4L	8367
572/M6256	h r %' %' vu	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	8CB6	7	6A	A	Y4L	Y4L
572/M7256	Qr 2zv%X %a	O	M	6	73>	73>	539	8CB6	7	65	A	Y4L	8367
572/M8256	h r %' %' vu	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	8CB6	7	6A	A	Y4L	Y4L
582/M6256	d tflv 2zv%az	O	M	6	9	9	539	A655D	M	75	65	85	6AAB
582/M7256	d tflv 2zv%X %a 3	O	M	6	9	9	539	A655D	M	75	65	85	6AAB
582/M8256	h r %' %' vu	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	A5CDC	M	87	A	Y4L	Y4L
592/M6256	e sv%Svr v	O	M	6	9	9	539	8CB6	7	6A	A	Y4L	63D>
592/M7256	h r %' %' vu	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	8CB6	7	6A	A	Y4L	Y4L
592/M8256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

kulph) dr ef v	1R2 o ((8((	1S2 o (((	1T2 o ((((6 (	1U2 o (((((	1V2 o ((((6 (	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

cr bue)ef vb knv

n))ec Old LV Switch Room

ec) DB-A

c)o SQUARE D

c)o Loadcentre KQ II

d)))))

N/A

v))ec)) MDB-2 -> 05-T-01

p D)) 3 p) 400 Δ

r))))))

w BS 60947-2 ACB u 80 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m (g tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((Sn(FEF: 2(1 2	i ((Sn(IWv2	o	m 1R2	n 6 1 R2	mTU (. i (1 R2	g ((3 (Ω)
562M6256	Wxky z x2v xz v%Sr %a 26	O	M	A	73>	73>	539	A5CDC	O	75	65	Y4L	53>>
562M7256	Wxky z x2v xz v%Sr %a 27	O	M	A	73>	73>	539	A5CDC	O	75	65	Y4L	53>>
562M8256	Wxky z x2v xz v%Sr %a 28	O	M	A	73>	73>	539	A5CDC	O	75	65	Y4L	53>>
572M6256	Wxky z x2v xz v%Sr %a 29	O	M	A	73>	73>	539	A5CDC	O	75	65	Y4L	53>>
572M7256	Wxky z x2v xz v%Sr %N rt	O	M	6	63>	63>	539	A5CDC	N	A	65	Y4L	83A9
572M8256	Wxky z x2t zu 4 v%vr %a t	O	M	D	63>	63>	539	A5CDC	N	65	65	Y4L	736D
582M6256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
582M7256	d tflv 2Pu tr z %Sr	L	M	A	73>	63>	539	A655D	N	87	65	85	6AAB
582M8256	h r v %Svr v 2 r v%%Qv r v%a t,	O	M	6	9	9	539	A655D	N	6A	65	85	6AAB
592M6256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
592M7256	d tflv 2Ltt zr %vv z x%a	O	M	A	9	9	539	A655D	N	87	65	85	6AAB
592M8256	Svr %Sr v v	O	M	6	73>	73>	539	A5CDC	N	6A	65	Y4L	63BB
5>2M6256	d tflv 2 zty%a	S	N	6	73>	d	539	A655D	N	75	65	85	6AAB
5>2M7256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5>2M8256	Wxky z x2x u%Q %l v	O	M	7	63>	63>	539	A5CDC	N	A	65	Y4L	83A9
5A2M6256	d tflv 2 v%a	O	M	7	73>	73>	539	A655D	N	75	65	85	6AAB
5A2M7256	Sr u%Q v %r v%a t	O	M	6	9	9	539	A5CDC	M	6A	65	Y4L	73B8
5A2M8256	Sr u%Q v %Qv r v%a t	O	M	6	9	9	539	A5CDC	M	6A	65	Y4L	73B8
5B2M6256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5B2M7256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5B2M8256	h r v %Svr v %B u%Q %a t	O	M	6	73>	73>	539	A5CDC	M	6A	65	Y4L	73B8
5C2M6256	Wxky z x2 zv %Mr v v	O	M	69	63>	63>	539	A5CDC	N	6A	65	Y4L	63BB
5C2M7256	d tflv 2Pu tr z %a	O	M	D	9	9	539	A655D	N	87	65	85	6AAB
5C2M8256	d tflv 2P xz v%a	O	M	8	73>	73>	539	A655D	N	87	65	85	6AAB
5D2M6256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5D2M7256	d tflv 2P xz v%a	O	M	8	73>	73>	539	A655D	N	87	65	85	6AAB
5D2M8256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
652M6256	Wxky z x2vu tr z %v r	O	M	67	63>	63>	539	A5CDC	N	65	65	Y4L	736D
652M7256	h r v %Svr v 2vu tr z	O	M	6	73>	73>	539	A655D	N	6A	65	85	6AAB
652M8256	Sr u%Q v %Qzsr vu%a t	O	M	6	73>	73>	539	A5CDC	M	6A	65	Y4L	73B8

kulph) dr ef v	o (1R2 (8((	o (1S2 (((	o (1T2 6 (((	o (1U2 ((((	o (1V2 6 (((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

)dkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m (g tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((tSn(FEF: 2(1 2	i ((Sn(MWr 2	o	m 1R2	n 6 1 R2	mTU (:– (1 R2	\v (((_ 3 g ((Ω)
662M6256	Mr v v %Qt	O	M	6	73>	73>	539	A5CDC	M	6A	65	Y4.	73B8
662M7256	Wxky z x2rtt zr v %\vv z x%	O	M	A	63>	63>	539	A5CDC	N	65	65	Y4.	736D
662M8256	Wxky z x2uzr s vu%\a t	O	M	7	63>	63>	539	A5CDC	N	65	65	Y4.	736D
672M6256	d tflv 2Mr v v	O	M	8	9	9	539	A655D	N	87	65	85	6AAB
672M7256	N uv %Ra u%Q	R	P	6	9	9	>35	A5CDC	N	95	65	Y4.	53>>
672M8256	Wxky z x2vr %d v%Qt	O	M	8	63>	63>	539	A5CDC	N	65	65	Y4.	736D
682M6256	d tflv 2sv %Qs2v	O	M	7	73>	73>	539	A655D	N	6A	65	85	6AAB
682M7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
682M8256	h r v %Svr v 2i vr v	O	M	6	73>	73>	539	A655D	N	6A	65	85	6AAB
692M6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
692M7256	Wxky z x2sr v v %d r z	O	M	8	63>	63>	539	A5CDC	N	65	65	Y4.	736D
692M8256	Wxky z x2sr v v 4 zty%	O	M	68	63>	63>	539	A5CDC	N	65	65	Y4.	736D
6>2M6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6>2M7256	N vr v %dr z	O	N	6	73>	73>	539	A5CDC	N	6A	65	Y4.	63BB
6>2M8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6A2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6B2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6C2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

kulph) dr ef v	1R2 o ((8((	1S2 o (((	1T2 o ((((6 (	1U2 o (((((	1V2 o ((((6 (	1Z2 o (8(ns R(	1a2 o (8(ns R(	1b2 g 6 (

cr bue)ef vb knv

n))ec Basement Tank Room

ec) DB-B

c)o SQUARE D

c)o Loadcentre KQ II

d)))))

07-L1-01

v))ec)) MDB-2 -> 06-T-01

p D)) 3 p) 400 Δ

r))))))

w BS 60947-2 ACB u 100 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 (tSn(FEF: 2(1 2	i ((Sn(VW2	o	m 1R2	n 6 1 R2	mTU (.i (1 R2	((3 g ((Ω)
562M6256	d tflv 2Nyr xzx%i 6	O	M	A	73-	73-	539	A655D	N	87	65	85	6AAB
562M7256	d tflv 2Nyr xzx%i 7	O	M	A	73-	73-	539	A655D	N	87	65	85	6AAB
562M8256	d tflv 2Nyr xzx%i 8	O	M	A	73-	73-	539	A655D	N	87	65	85	6AAB
572M6256	d tflv 2Nyr xzx%i 9	O	M	A	73-	73-	539	A655D	N	87	65	85	6AAB
572M7256	d tflv 2Nyr xzx%i >	O	M	A	9	9	539	A655D	N	87	65	85	6AAB
572M8256	Nt 4t%Qt	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4L	73B8
582M6256	d tflv 2d v4Nvr v	O	M	>	9	9	539	A655D	N	87	65	85	6AAB
582M7256	d tflv 2Pi %a v	O	M	8	9	9	539	A655D	N	87	65	85	6AAB
582M8256	d tflv 2ZMfld v	O	M	7	9	9	539	A655D	N	87	65	85	6AAB
592M6256	d tflv 2Pi % v	O	M	7	9	9	539	A655D	N	87	65	85	6AAB
592M7256	Nt %Qt	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4L	73B8
592M8256	N %Qt	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4L	73B8
5>2M6256	d tflv 2ar fl%a 4Nvr v	O	M	C	73-	73-	539	A655D	N	87	65	85	6AAB
5>2M7256	d tflv 2h fl y	O	M	B	73-	73-	539	A655D	N	87	65	85	6AAB
5>2M8256	d tflv 2 wtv4 vr v	O	M	9	9	9	539	A655D	N	87	65	85	6AAB
5A2M6256	Nt 4r %at	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4L	73B8
5A2M7256	d tflv 2Zwtv4Nvr v	O	M	C	73-	73-	539	A655D	N	87	65	85	6AAB
5A2M8256	d tflv 2N r %a 3	O	M	7	73-	73-	539	A655D	N	87	65	85	6AAB
5B2M6256	d tflv 2Xr rxv	O	M	B	73-	73-	539	A655D	N	87	65	85	6AAB
5B2M7256	d tflv 2Zwtv	O	M	A	73-	73-	539	A655D	N	87	65	85	6AAB
5B2M8256	d tflv 2Zwtv	O	M	A	73-	73-	539	A655D	N	87	65	85	6AAB
5C2M6256	N r u %i tflv	O	M	6	9	9	539	A5CDC	M	6A	65	Y4L	73B8
5C2M7256	N r u %i tflv	O	M	6	9	9	539	A5CDC	M	6A	65	Y4L	73B8
5C2M8256	d tflv 2Te	O	M	C	73-	73-	539	A655D	N	87	65	85	6AAB
5D2M6256	d tflv 2Z zv%N	O	M	7	73-	73-	539	A655D	N	87	65	85	6AAB
5D2M7256	d tflv 2d rw%a	O	M	7	9	9	539	A655D	N	87	65	85	6AAB
5D2M8256	d rw %ir z vvu	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4L	73B8
652M6256	d tflv 2i vr v %N zu %vr %N	O	M	6	73-	73-	539	A655D	N	6A	65	85	6AAB
652M7256	d tflv 2as6	O	M	6	73-	73-	539	A655D	N	87	65	85	6AAB
652M8256	d tflv 2as7	O	M	6	73-	73-	539	A655D	N	87	65	85	6AAB

kulph) dr ef v	o (1R2 (8((	o (1S2 (((	o (1T2 6 (((	o (1U2 ((((	o (1V2 6 (((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

d))w)d)v

k (: ((A

)dkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 (tSn(FEF: 2(1 2	i ((Sn(fWv 2	o	m 1R2	n 6 1 R2	mTU (.– (1 R2	\v (((3 g ((Ω)
662/V6256	Qr %v vr v	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4.	73B8
662/V7256	h r v %Svr v 2 rw	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4.	73B8
662/V8256	d tflv 2QM8	O	M	WDX	73-	73-	539	A655D	N	87	65	85	6AAB
672/V6256	d tflv 2Xvv z x%v vr	O	M	A	9	9	539	A655D	N	87	65	85	6AAB
672/V7256	h r v %Svr v 2 fl y	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4.	73B8
672/V8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

kulph) dr ef v	1R2 o ((8((	1S2 o (((	1T2 o (((6 (	1U2 o (((((	1V2 o (((6 (	1Z2 o (8(ns R(	1a2 o (8(ns R(	1b2 g 6 (

cr bue)ef vb knv

n))ec	Meeting Room Engine Hall
ec)	DB-E
c)o	SQUARE D
c)o	Loadcentre Series E

d)))))

N/A

v))ec))	MDB-2 -> 09-T-01
p D))	3 p) 400 Δ
r))))))	
w	BS 60947-2 ACB u 40 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dlkudy kw)ef vb knv

T (T	T ((	((o (1 (T 2	(g m tSn(FEF: 2	((h	T ((f (1 A2	(1 A2	(g 7 (tSn(FEF: 2(1 2	i ((Sn(lVw2	o	m 1R2	n 6 1 R2	mTU (. i (1 R2	(v (((3 g ((Ω)
562M6256	Wxky z x%l zv	S	N	Y4g	63>	d	539	8CB6	7	65	A	Y4.	8367
562M7256	Wxky z x%Q u	S	N	9	63>	d	539	8CB6	7	65	A	Y4.	8367
562M8256	h r %' % vu	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	8CB6	7	87	A	Y4.	Y4.
572M6256	Ot %ufitv %a %Os	N	M	6	63>	63>	539	8CB6	7	6A	A	Y4.	63D>
572M7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
572M8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

kulph) dr ef v	o (1R2 (8((	o (1S2 (((	o (1T2 6 (((	o (1U2 ((((	o (1V2 6 (((	1Z2 o (8(ns R(	1a2 o (8(ns R(	1b2 g 6 (

cr bue)ef vb knv

n))ec	Tank Room
ec)	DB-K
c)o	SQUARE D
c)o	Loadcentre KQ II

v))ec))	MDB-2 -> 11-T-01
p D))	3
p)	400 Δ
r))))))	
w	BS 60947-2 ACB
u	100 b

d)))))

N/A

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dlkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m (g tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((Sn(FEF: 2(1 2	i ((Sn(VWv2	o	m 1R2	n 6 1 R2	mTU (.i (1 R2	(v (((3 g ((Ω)
562M6256	Wxky z x2 ruz x%r %l zu	O	M	8	63-	63-	539	A5CDC	N	65	65	Y4L	736D
562M7256	Wxky z x2v v r %Wruz x%r	O	M	A	63-	63-	539	A5CDC	N	65	65	Y4L	736D
562M8256	Wxky z x2 fl y 4r fl%	O	M	A	63-	63-	539	A5CDC	N	65	65	Y4L	736D
572M6256	Wxky z x2l zu	O	M	67	63-	63-	539	A5CDC	N	65	65	Y4L	736D
572M7256	Wxky z x2l vt z % 3	O	M	7	63-	63-	539	A5CDC	N	65	65	Y4L	736D
572M8256	Wxky z x2B%wtv %l v %r %vr	O	M	B	63-	63-	539	A5CDC	N	65	65	Y4L	736D
582M6256	Wxky z x2 r rxv 4 % 3	O	M	>	63-	63-	539	A5CDC	N	65	65	Y4L	736D
582M7256	Wxky z x2 v %r %wtv4 rw	O	M	D	63-	63-	539	A5CDC	N	65	65	Y4L	736D
582M8256	Wxky z x2 v %wtv	O	M	D	63-	63-	539	A5CDC	N	65	65	Y4L	736D
592M6256	Wxky z x2v v xv tzv %8 v r	O	M	WX	63-	63-	539	A5CDC	N	65	65	Y4L	736D
592M7256	Wxky z x26%5D66	O	M	WX	63-	63-	539	A5CDC	N	65	65	Y4L	736D
592M8256	Wxky z x27%l v %wtv	O	M	D	63-	63-	539	A5CDC	N	65	65	Y4L	736D
5>2M6256	Wxky z x2 rz %	O	M	C	63-	63-	539	A5CDC	N	65	65	Y4L	736D
5>2M7256	Wxky z x2v v r %Q	O	M	Y4g	63-	63-	539	A5CDC	N	65	65	Y4L	736D
5>2M8256	Wxky z x2v v r %vr	O	M	Y4g	63-	63-	539	A5CDC	N	65	65	Y4L	736D
5A2M6256	Wxky z x2v v r %Krz %O	O	M	Y4g	63-	63-	539	A5CDC	N	65	65	Y4L	736D
5A2M7256	Wxky z x2z vt tfl4 rt	O	M	Y4g	63-	63-	539	A5CDC	N	65	65	Y4L	736D
5A2M8256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5B2M6256	Wxky z x2 v %r %l vr %wtv %r vr	O	M	C	A	A	539	A655D	N	6A	65	85	6AAB
5B2M7256	Wxky z x2v v xv tzv	O	M	Y4g	63-	63-	539	A5CDC	M	65	65	Y4L	93BB
5B2M8256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5C2e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5D2e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
652e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
662e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
672e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

kulph) dr ef v	o (1R2 (8((	o (1S2 (((	o (1T2 6 (((	o (1U2 ((((	o (1V2 6 (((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (		

d))w)d)v

k (: ((:

cr bue)ef vb knv

n))ec	Basement Store Area
ec)	DB-D
c)o	SQUARE D
c)o	Loadcentre Series E

v))ec))	MDB-2 -> 14-T-01
p D))	3 p) 400 Δ
r))))))	
w	BS 60947-2 ACB u 80 b

d)))))

N/A

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dlkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((Sn(FEF: 2(1 2	i ((Sn(IVW 2	o	m 1R2	n 6 1 R2	mTU (. i (1 R2	(v (((3 g ((Ω)
562e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
572e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582V6256	Wxy z x2yv %a v	L	N	6	63>	63>	539	A5CDC	M	A	65	Y4.	B37C
582V7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582V8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

kulph) dr ef v	o (1R2 (8((	o (1S2 (((	o (1T2 (((6 (	o (1U2 ((((	o (1V2 (((6 (	1Z2 o (8(ns R(	1a2 o (8(ns R(	1b2 g 6 (	

d))w)d)v

k (: ((:

cr bue)ef vb knv

n))ec	1st Floor Riser off Main Stairs	v))ec))	MDB-1 -> 11-T-01
ec)	DB-NF1	p D))	3 p) 400 Δ
c)o	SQUARE D	r))))))	
c)o	Loadcentre KQ II	w	BS 60947-2 ACB u 100 b
d)))))		b)ude)6) 7	
N/A		w	N/A
		ude)u Bk	N/A b ude)p)) N/A

)dlkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m (g tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((Sn(FEF: 2(1 2	i ((Sn(lVW2	o	m 1R2	n 6 1 R2	mTU (. i (1 R2	((3 g ((Ω)
562M6256	d tflv 2P yszzz %vr%u%Q	O	M	Y4g	9	73-	539	A655D	N	6A	65	85	6AAB
562M7256	d tflv 2P yszzz %vr%u%Q	O	M	Y4g	9	73-	539	A655D	N	6A	65	85	6AAB
562M8256	d tflv 2P yszzz %vr%u%Q	O	M	Y4g	9	73-	539	A655D	N	6A	65	85	6AAB
572M6256	L %yvr v%6 %Q	L	M	6	A	73-	539	A5CDC	N	87	65	Y4L	53AC
572M7256	d tflv 2P yszzz %vr%u%Q	O	M	Y4g	9	73-	539	A655D	N	6A	65	85	6AAB
572M8256	N tfl%l %6 %Q	L	M	6	73-	63-	539	A5CDC	N	6A	65	Y4L	63BB
582M6256	d tflv 2P yszzz %vr%6 %Q	O	M	Y4g	9	73-	539	A5CDC	N	75	65	Y4L	635D
582M7256	d tflv 2P yszzz %vr%6 %Q	O	M	Y4g	9	73-	539	A655D	N	6A	65	85	6AAB
582M8256	d tflv 2P yszzz %vr%6 %Q	O	M	Y4g	9	73-	539	A655D	N	6A	65	85	6AAB
592M6256	d tflv 2P yszzz %vr%6 %Q	O	M	Y4g	9	73-	539	A655D	N	6A	65	85	6AAB
592M7256	d tflv 2P yszzz %vr%6 %Q	O	M	Y4g	9	73-	539	A655D	N	6A	65	85	6AAB
592M8256	d tflv 2P yszzz %vr%6 %Q	O	M	Y4g	9	73-	539	A655D	N	6A	65	85	6AAB
5>2M6256	a s4z vzv%6 %Q	L	M	7	73-	63-	539	A655D	N	6A	65	85	6AAB
5>2M7256	L %l vrflv %u%Q	L	M	7	73-	63-	539	A655D	N	6A	65	85	6AAB
5>2M8256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5A2M6256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5A2M7256	d tflv %8 yszzz %vr%6 %Q %N rt	O	P	6	63-	63-	539	A5CDC	N	A	65	Y4L	83A9
5A2M8256	d tflv %8 yszzz %vr%u%Q %N rt	O	P	6	63-	63-	539	A5CDC	N	A	65	Y4L	83A9
5B2e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5C2e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5D2e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
652e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
662e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
672e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

kulph) dr ef v	o (1R2 (8((	o (1S2 (((	o (1T2 6 (((	o (1U2 ((((	o (1V2 6 (((	1Z2 o (8(ns R(	1a2 o (8(ns R(	1b2 g 6 (

cr bue)ef vb knv

n))ec 1st Floor Riser off Main Stairs

ec) DB-NF2

c)o SQUARE D

c)o Loadcentre KQ II

d)))))

N/A

v))ec)) MDB-1 -> 12-T-01

p D)) 3 p) 400 Δ

r))))))

w BS 60947-2 ACB u 100 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m (g tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((Sn(FEF: 2(1 2	i ((Sn(IVW 2	o	m 1R2	n 6 1 R2	mTU (. i (1 R2	((3 g ((Ω)
562\/6256	d tflv 2t vr v %&v% vr% u%Q	O	M	6	73-	73-	539	A655D	N	6A	65	85	6AAB
562\/7256	h r % % vu	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	A5CDC	M	6A	65	Y4.	Y4.
562\/8256	Qt %ufrtv %Os%y	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4.	73B8
572\/6256	Nt	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4.	73B8
572\/7256	d tflv 2t vr v % u%Q	O	M	7	73-	73-	539	A655D	N	6A	65	85	6AAB
572\/8256	dC%4A%Or 4r	O	M	Y4g	73-	73-	539	A5CDC	M	6A	65	Y4.	73B8
582\/6256	Z u%Qzr s vu%t %Sr u%Q v	O	M	6	73-	73-	539	A5CDC	M	75	65	Y4.	736D
582\/7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582\/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592\/6256	d tflv 2Nt z x%	O	M	Y4g	73-	73-	539	A655D	N	87	65	85	6AAB
592\/7256	d tflv 2Nvr v %8 yszzz % vr% %Q	O	M	Y4g	73-	73-	539	A655D	N	6A	65	85	6AAB
592\/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2\/7256	d tflv %6 %Q %Wss	O	M	9	73-	73-	539	A655D	N	87	65	85	6AAB
5>2\/8256	d tflv 2Nvr v %6 %Q	O	M	7	73-	73-	539	A655D	N	6A	65	85	6AAB
5A2\/6256	d tflv 27 u%Q %Wss	O	M	9	73-	73-	539	A655D	N	87	65	85	6AAB
5A2\/7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2\/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2\/6256	Wxky z x27 u%Q %8 v xv tzv %8 yszzz % vr	O	M	>	73-	73-	539	A5CDC	N	65	65	Y4.	736D
5B2\/7256	Wxky z x27 u%Q %Wss	O	M	A	73-	73-	539	A5CDC	N	65	65	Y4.	736D
5B2\/8256	Wxky z x27 u%Q %&v% vr	O	M	9	73-	73-	539	A5CDC	N	65	65	Y4.	736D
5C2\/6256	Wxky z x2 z v	O	M	65	63-	63-	539	A5CDC	N	65	65	Y4.	736D
5C2\/7256	Wxky z x2 zvP%Wss	O	M	65	73-	73-	539	A5CDC	N	65	65	Y4.	736D
5C2\/8256	Wxky z x2 rz %Wss %t %lyr xz x% %zv%	O	M	D	73-	73-	539	A5CDC	N	65	65	Y4.	736D
5D2\/6256	Wxky z x2 ss % vr	O	M	Y4g	73-	73-	539	A5CDC	N	65	65	Y4.	736D
5D2\/7256	Wxky z x2s zuxv	O	M	9	73-	73-	539	A5CDC	N	65	65	Y4.	736D
5D2\/8256	Wxky z x2yzMr 4s zuxv%l rt	O	M	6	73-	73-	539	A5CDC	N	65	65	Y4.	736D
652\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652\/7256	Wxky z x2v yszzz %8 v xv tzv	O	M	8	73-	63-	539	A5CDC	N	65	65	Y4.	736D
652\/8256	Wxky z x2v yszzz %8 v xv tzv	O	M	8	73-	63-	539	A5CDC	N	65	65	Y4.	736D

kulph) dr ef v	1R2 o ((8((	1S2 o (((	1T2 o (6 (((	1U2 o (((((	1V2 o (6 (((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

d))w)d)v

k (: ((A

)dkudy kw)ef vbknv

T (T	T ((	o ((1 (T 2	m tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 (tSn(FEF: 2)(1 2	i ((Sn(fWv 2	o	m 1R2	n 6 1 R2	mTU (.– (1 R2	(v ((((3 g ((Ω)
662e256	S z	O	M	6	A	9	539	A5CDC	N	87	65	Y4L	53AC
672e256	S z	O	M	6	A	9	539	A5CDC	N	87	65	Y4L	53AC

kulph) dr ef v	1R2 o ((8((	1S2 o ((((	1T2 o ((((6 (	1U2 o (((((	1V2 o ((((6 (	1Z2 o (8(ns R(	1a2 o (8(ns R(	1b2 g 6 (

cr bue)ef vb knv

n))ec 1st Floor Riser off Main Stairs

ec) DB-NF3

c)o SQUARE D

c)o Loadcentre KQ II

d)))))

N/A

v))ec)) MDB-1 -> 13-T-01

p D)) 3 p) 400 Δ

r))))))

w BS 60947-2 ACB u 100 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m (g 1Sn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((Sn(FEF: 2(1 2	i ((Sn(VW2	o	m 1R2	n 6 1 R2	mTU (i (1 R2	((3 g ((Ω)
562\/6256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
562\/7256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
562\/8256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
572\/6256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
572\/7256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
572\/8256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
582\/6256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
582\/7256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
582\/8256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
592\/6256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
592\/7256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
592\/8256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5>2\/6256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5>2\/7256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5>2\/8256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5A2\/6256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5A2\/7256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5A2\/8256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5B2\/6256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5B2\/7256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5B2\/8256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5C2\/6256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5C2\/7256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5C2\/8256	Wxky z x2 rtfl%8 yzszz %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5D2e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
652e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
662e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
672\/6256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
672\/7256	Wxky z x2v yzszz %N rt	O	M	6	63-	63-	539	A5CDC	N	A	65	Y4L	83A9
672\/8256	Wxky z x2v yzszz %N rt	O	M	6	63-	63-	539	A5CDC	N	A	65	Y4L	83A9

kulph) dr ef v	o (1R2 (8((	o (1S2 (((	o ((1T2 6 (((	o (1U2 ((((	o ((1V2 6 (((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

d))w)d)v

k (: ((:

cr bue)ef vb knv

n))ec 1st Floor Cafe Office

ec) DB-NG3

c)o SQUARE D

c)o Loadcentre KQ II

d)))))

N/A

v))ec)) MDB-1 -> 14-T-01

p D)) 3 p) 400 Δ

r))))))

w BS 60947-2 ACB u 200 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h	T ((f (1 A2	(1 A2	g 7 ((SSn(FEF: 2(1 2	i ((Sn(VWi 2	o	m 1R2	n 6 1 R2	mTU (. i (1 R2	((3 g ((Ω)
562/V6256	N wv%rtyzv	L	M	6	A	73>	539	A5CDC	N	87	65	Y4.	53AC
562/V7256	R z	L	M	6	A	73>	539	A5CDC	M	7>	65	Y4.	63B>
562/V8256	d tflv 2Mr %vr	L	M	8	73>	63>	539	A5CDC	N	87	65	Y4.	53AC
572e256	S s	dj Qv	M	6	A	A	539	A5CDC	N	87	65	Y4.	53AC
582e256	S s	dj Qv	M	6	A	A	539	A5CDC	N	6A	65	Y4.	63BB
592/V6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592/V7256	d tflv 2Mvyzu%Mr	O	M	7	73>	73>	539	A655D	N	87	65	85	6AAB
592/V8256	f fl	O	M	WIX	9	9	WIX	A5CDC	M	87	65	Y4.	WIX
5>2/V6256	f fl	O	M	WIX	9	9	WIX	A5CDC	M	87	65	Y4.	WIX
5>2/V7256	d tflv 2Nrw%vr	O	M	9	73>	73>	539	A655D	N	87	65	85	6AAB
5>2/V8256	d tflv 2Nrw%vr	O	M	9	73>	73>	539	A655D	N	87	65	85	6AAB
5A2/V6256	Qt %ufitv %Os	O	M	6	73>	73>	539	A5CDC	M	6A	65	Y4.	73B8
5A2/V7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2/V8256	d tflv 2 v%s	O	M	7	73>	73>	539	A655D	N	6A	65	85	6AAB
5B2/V6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2/V7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2/V8256	f fl	O	M	WIX	73>	73>	WIX	A5CDC	M	6A	65	Y4.	WIX
5C2/V6256	Wxky z x2 v%s	O	M	A	63>	63>	539	A5CDC	N	65	65	Y4.	736D
5C2/V7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2/V8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2/V6256	Wxky z x2rw%d	O	M	B	63>	63>	539	A5CDC	N	65	65	Y4.	736D
5D2/V7256	Wxky z x2rw%d	O	M	D	63>	63>	539	A5CDC	N	65	65	Y4.	736D
5D2/V8256	Wxky z x2rw%d	O	M	>	63>	63>	539	A5CDC	N	65	65	Y4.	736D
652/V6256	Wxky z x2rw%d z	O	M	>	63>	63>	539	A5CDC	N	65	65	Y4.	736D
652/V7256	Wxky z x2rw%d z	O	M	>	63>	63>	539	A5CDC	N	65	65	Y4.	736D
652/V8256	Wxky z x2rw%d z	O	M	>	63>	63>	539	A5CDC	N	65	65	Y4.	736D
662/V6256	Wxky z x2sr %d	O	M	B	63>	63>	539	A5CDC	N	65	65	Y4.	736D
662/V7256	Wxky z x2sr	O	M	>	63>	63>	539	A5CDC	N	65	65	Y4.	736D
662/V8256	Wxky z x2sr %d	O	M	76	63>	63>	539	A5CDC	N	65	65	Y4.	736D
672/V6256	P rt %Qr	L	M	6	73>	63>	539	A5CDC	O	75	65	Y4.	53>>

kulph) dr ef v	1R2 o ((8((	1S2 o (((	1T2 o (6 (((	1U2 o (((((	1V2 o (6 (((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

)dkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m (g tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 (tSn(FEF: 2(1 2	i ((Sn(MWr 2	o	m 1R2	n 6 1 R2	mTU (:- (1 R2	\v (((3 g ((Ω)
672/V725 6	T rflv%Qr	L	M	6	73-	63-	539	A5CDC	O	65	65	Y4L	635D
672/V825 6	S %N s r u	L	M	6	A	73-	539	A5CDC	N	75	65	Y4L	635D
682/V625 6	Vwxy z x2%Vztyv 4r	L	M	B	63-	6	539	A5CDC	N	A	65	Y4L	83A9
682/V725 6	d tflv 2 v	L	M	9	73-	63-	539	A5CDC	M	6A	65	Y4L	73B8
682/V825 6	Mrz r zv	L	M	6	73-	63-	539	A5CDC	N	6A	65	Y4L	63BB
692/V625 6	Rr %r yv	L	M	6	73-	63-	539	A5CDC	N	6A	65	Y4L	63BB
692/V725 6	T vt t v	L	M	6	73-	63-	539	A5CDC	N	6A	65	Y4L	63BB
692/V825 6	Qzuxv	L	M	9	73-	63-	539	A5CDC	M	87	65	Y4L	63BB
6>2/V625 6	Wxy z x2rw	O	M	9	63-	63-	539	A5CDC	N	65	65	Y4L	736D
6>2/V725 6	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
6>2/V825 6	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
6A2/V625 6	Wxy z x2rw	O	M	9	63-	63-	539	A5CDC	N	65	65	Y4L	736D
6A2/V725 6	Ozy r yv	dj Qv	P	6	A	A	539	A5CDC	N	87	65	Y4L	53AC
6A2/V825 6	d tflv 2hr v %l ww v	L	M	9	73-	63-	539	A655D	N	87	65	85	6AAB
6B2e25 6	R zuuv	dj Qv	P	6	63-	63-	539	A5CDC	N	65	65	Y4L	736D
6C2/V625 6	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
6C2/V725 6	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
6C2/V825 6	Wxy z x2t rt %l zv	O	M	6	63-	63-	539	A5CDC	N	A	65	Y4L	83A9

kulph) dr ef v	1R2 o ((8((	1S2 o (((	1T2 o ((((6 (	1U2 o (((((	1V2 o ((((6 (	1Z2 o (8(ns R(	1a2 o (8(ns R(	1b2 g 6 (

cr bue)ef vb knv

n))ec	Top Floor Main Plant Room	v))ec))	MDB-1 -> 15-T-01
ec)	DB-NR2	p D))	3 p) 400 Δ
c)o	SQUARE D	r))))))	
c)o	Loadcentre KQ II	w	BS 60947-2 ACB u 250 b
d)))))		b)ude)6) 7	
N/A		w	N/A
		ude)u Bk	N/A b ude)p)) N/A

)dkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((SSn(FEF: 2(1 2	i ((Sn(IVW 2	o	m 1R2	n 6 1 R2	mTU (.i (1 R2	(v (((3 g ((Ω)
562e256	N uv v%z	R	P	6	A	L	>35	A5CDC	N	95	65	Y4L	53>>
572e256	N uv v%z	R	P	6	A	L	>35	A5CDC	N	95	65	Y4L	53>>
582e256	N uv v%z	R	P	6	A	L	>35	A5CDC	N	95	65	Y4L	53>>
592e256	N uv v%z	R	P	6	9	L	539	A5CDC	N	7>	65	Y4L	53CB
5>2e256	N uv v%z	R	P	6	9	L	539	A5CDC	N	7>	65	Y4L	53CB
5A2e256	N uv v%z	R	P	6	73>	L	539	A5CDC	N	6A	65	Y4L	63BB
5B2e256	N uv v%z	R	P	6	73>	L	539	A5CDC	N	6A	65	Y4L	63BB
5C2e256	N uv v%z	R	P	6	A	L	539	A5CDC	N	7>	65	Y4L	53CB
5D2e256	N uv v%z	R	P	6	A	L	539	A5CDC	N	7>	65	Y4L	53CB
652e256	f fl	R	P	WIX	63>	L	WIX	A5CDC	N	6A	65	Y4L	WIX
662e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
672e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

kulph) dr ef v	o (1R2 (8((	o (1S2 (((	o (1T2 6 (((	o (1U2 ((((	o (1V2 6 (((	o (8(1Z2 ns R(	o (8(1a2 ns R(	g 6 (1b2	

d))w)d)v

k (: ((:

cr bue)ef vb knv

n))ec	Rear of Building External Store Room	v))ec))	MDB-1 -> 20-T-01
ec)	DB-NB1	p D))	3 p) 400 Δ
c)o	SQUARE D	r))))))	
c)o	Loadcentre KQ II	w	BS 60947-2 ACB u 100 b
d)))))		b)ude)6) 7	
N/A		w	N/A
		ude)u Bk	N/A b ude)p)) N/A

)dlkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((Sn(FEF: 2(1 2	i ((Sn(VW2	o	m 1R2	n 6 1 R2	mTU (.i (1 R2	g ((3 (Ω)
562/6256	MA%dD%r 4 t%Qt	O	M	Y4g	73-	73-	539	A5CDC	M	6A	65	Y4.	73B8
562/7256	MA%dtu4 t4ur%Qt	O	M	Y4g	73-	73-	539	A5CDC	M	6A	65	Y4.	73B8
562/8256	MA%dC t4r%Qt	O	M	Y4g	73-	73-	539	A5CDC	M	6A	65	Y4.	73B8
572/6256	du t%Su4 9	O	M	Y4g	73-	73-	539	A5CDC	M	75	65	Y4.	736D
572/7256	d tflv 2b r %a %dD%%S z %	O	M	65	73-	73-	539	A655D	N	87	65	85	6AAB
572/8256	d tflv 2L ty%a	O	M	6	73-	73-	539	A655D	N	87	65	85	6AAB
582/6256	d tflv 2zw%a ty%Nvr v	O	M	6	73-	73-	539	A655D	N	75	65	85	6AAB
582/7256	Nt %a v %vru%a %dt	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4.	73B8
582/8256	d tflv 2s4%a64t4B	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4.	73B8
592/6256	d tflv 2cvru%a	O	M	>	73-	73-	539	A655D	N	87	65	85	6AAB
592/7256	d tflv 2cvru%a	O	M	>	73-	73-	539	A655D	N	87	65	85	6AAB
592/8256	dB%dW%ss 4vruzx%a %Nvr v %d	O	M	6	73-	73-	539	A655D	N	75	65	85	6AAB
5>2/6256	c v %dy v %O	O	M	6	73-	73-	539	A5CDC	M	75	65	Y4.	736D
5>2/7256	d tflv 2cvru%a	O	M	>	73-	73-	539	A655D	N	87	65	85	6AAB
5>2/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2/6256	d tflv 2P v r % zty%a %%d v	O	M	8	73-	73-	539	A655D	N	75	65	85	6AAB
5A2/7256	d tflv 2cvru%a	O	M	>	73-	73-	539	A655D	N	87	65	85	6AAB
5A2/8256	Ozrsvu%dW%d	O	M	6	9	9	539	A5CDC	M	87	65	Y4.	63BB
5B2/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2/7256	d r v%a v %a z	O	M	6	A	A	539	A5CDC	M	87	65	Y4.	63BB
5B2/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2/6256	d %a	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4.	63BB
5C2/7256	P v r %t% z	O	M	6	9	9	539	A5CDC	N	6A	65	Y4.	63BB
5C2/8256	P v r %t% z	O	M	6	9	9	539	A5CDC	M	87	65	Y4.	63BB
5D2e256	P v r %t% z	O	M	6	9	9	539	A5CDC	N	7>	65	Y4.	53CB
652/6256	P v r %t2 z	O	M	6	9	9	539	A5CDC	N	6A	65	Y4.	63BB
652/7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

kulph) dr ef v	o (1R2 (8((	o (1S2 (((	o (1T2 6 (((	o (1U2 ((((	o (1V2 6 (((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (		

d))w)d)v

k (: ((:

cr bue)ef vb knv

n))ec	Rear of Building External Store Room
ec)	DB-NB2
c)o	SQUARE D
c)o	Loadcentre KQ II

v))ec))	MDB-1 -> 21-T-01
p D))	3 p) 400 Δ
r))))))	
w	BS 60947-2 ACB u 100 b

d)))))

N/A

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dkudy kw)ef vb knv

T (T	T ((	o ((1 (T 2	m (g tSn(FEF: 2	h	T ((f (1 A2	(1 A2	(g 7 (tSn(FEF: 2(1 2	i ((Sn(lVw2	o	m 1R2	n 6 1 R2	mTU (. i (1 R2	(v (((3 g ((Ω)
562M6256	Wxky z x2r ty%a v z v v	O	M	Y4g	63>	6	539	A5CDC	N	65	65	Y4.	736D
562M7256	Wxky z x2 vru%a	O	M	65	63>	6	539	A5CDC	N	65	65	Y4.	736D
562M8256	Wxky z x2 v %M zu%N zu	O	M	67	63>	6	539	A5CDC	N	65	65	Y4.	736D
572M6256	Wxky z x2sz %d v1 zty%a tv v r %d v	O	M	C	63>	6	539	A5CDC	N	65	65	Y4.	736D
572M7256	Wxky z x2 r %S v	O	M	7	63>	6	539	A655D	N	65	65	85	6AAB
572M8256	Wxky z x2uz r s vu%a t	O	M	7	63>	6	539	A5CDC	N	65	65	Y4.	736D
582M6256	Wxky z x2 rz v	O	M	6A	63>	6	539	A5CDC	N	65	65	Y4.	736D
582M7256	Wxky z x2 rz v	O	M	6B	63>	6	539	A5CDC	N	65	65	Y4.	736D
582M8256	Wxky z x2 rz v	O	M	6B	63>	6	539	A5CDC	N	65	65	Y4.	736D
592M6256	Wxky z x2r ty%d z x%a	O	M	8	63>	6	539	A5CDC	N	65	65	Y4.	736D
592M7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592M8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672M6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672M7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672M8256	d s%rz %l %QMzN rt	O	M	6	63>	9	>35	A5CDC	N	A	65	Y4.	83A9

kulph) dr ef v	1R2 o ((8((	1S2 o ((((	1T2 o (6 ((((	1U2 o (((((	1V2 o (6 ((((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

d))w)d)v

k (: ((:

cr bue)ef vb knv

n))ec	Rear of Building External Store Room
ec)	DB-Contactor
c)o	SQUARE D
c)o	Loadcentre KQ II

d)))))

N/A

v))ec))	DB-NB2 -> 12-L3-01
p D))	1 p) 230 Δ
r))))))	
w	BS 60898 MCB Type C u 6 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dlkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((Sn(FEF: 2(1 2	i ((Sn(IVW 2	o	m 1R2	n 6 1 R2	mTU (. i (1 R2	(v (((3 g ((Ω)
562/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
572/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582/8256	ez v%N tfl% rz %B%kyzx%r %drz .	O	M	6	63-	63-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592/8256	N rt %rz %B%kyzx%r %drz .	O	M	6	63-	63-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2/8256	ez v%N tfl3% rz %C%kyzx%Vztyv %drz .	O	M	6	63-	63-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2/8256	N rt %rz %C%kyzx%Vztyv %drz .	O	M	6	63-	63-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2/8256	ez v%N tfl3 rz %D%kyzx%vtv z % %drz .	O	M	6	63-	63-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2/8256	N rt 3 rz %D%kyzx%vtv z % %drz .	O	M	6	63-	63-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672/8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

kulph) dr ef v	o (1R2 (8((	o (1S2 (((	o (1T2 6 (((	o (1U2 ((((	o (1V2 6 (((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

cr bue)ef vb knv

n))ec	Ground Floor cleaners store behind Reception
ec)	DB-NG1
c)o	SQUARE D
c)o	Loadcentre KQ II

d)))))

N/A

v))ec))	MDB-1 -> 22-T-01
p D))	3 p) 400 Δ
r))))))	
w	BS 60947-2 ACB u 100 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dlkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h	T ((f (1 A2	(1 A2	g 7 (tSn(FEF: 2(1 2	i ((Sn(lVW2	o	m 1R2	n 6 1 R2	mTU (.i (1 R2	(v (((3 g ((Ω)
562e256	Lz%N rz%d	O	M	6	A	A	539	A5CDC	N	87	65	Y4L	53AC
572M6256	d tflv 2 uv%Qr%ar v	O	M	6	73-	73-	539	A655D	N	6A	65	85	6AAB
572M7256	Qzv%r %v vr v%ar v	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4L	73B8
572M8256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
582M6256	d tflv 2cvtv z % uv%Qv fl	O	M	B	73-	73-	539	A655D	N	87	65	85	6AAB
582M7256	d tflv 2cvtv z	O	M	Y4g	73-	73-	539	A655D	N	87	65	85	6AAB
582M8256	d tflv 2d v% 4drz 4Mrs %yr xv	O	M	A	73-	73-	539	A655D	N	87	65	85	6AAB
592e256	d r %a v %dy v %O	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63B8
5>2M6256	O %N	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4L	73B8
5>2M7256	Nt %R r tv	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4L	73B8
5>2M8256	Nt %Wss %w v	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4L	73B8
5A2M6256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5A2M7256	d tflv 2P r tv%Q v	O	M	8	73-	73-	539	A655D	N	87	65	85	6AAB
5A2M8256	d tflv 2P r tv%Q v 4Wss	O	M	8	73-	73-	539	A655D	N	87	65	85	6AAB
5B2M6256	Ozrs vu%r	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63B8
5B2M7256	Sr u%a v %Qv r v%a N	O	M	6	73-	73-	539	A5CDC	M	87	65	Y4L	63B8
5B2M8256	Sr u%a v %r v%a N	O	M	6	73-	73-	539	A5CDC	M	87	65	Y4L	63B8
5C2M6256	d v%a %Qt	O	M	6	73-	73-	539	A5CDC	M	6A	65	Y4L	73B8
5C2M7256	Sr u%a v %Qzrs vu% zv	O	M	6	73-	73-	539	A5CDC	M	87	65	Y4L	63B8
5C2M8256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5D2e256	W xv%a v %dy v %O	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63B8
652e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
662e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
672e256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

kulph) dr ef v	1R2 o ((8((	1S2 o ((((	1T2 o (6 ((((	1U2 o (((((	1V2 o (6 ((((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

d))w)d)v

k (: ((:

cr bue)ef vb knv

n))ec	Ground Floor cleaners store behind Reception
ec)	DB-NG2
c)o	SQUARE D
c)o	KQ Loadcentre II

d)))))

N/A

v))ec))	MDB-1 -> 23-T-01
p D))	3 p) 400 Δ
r))))))	
w	BS 60947-2 ACB u 100 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dlkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h	T ((f (1 A2	(1 A2	g 7 (tSn(FEF: 2(1 2	i ((Sn(lVW2	o	m 1R2	n 6 1 R2	mTU (. i (1 R2	((3 g ((Ω)
562M6256	Wxky z x2 zv %Qr zuv	O	M	6C	63>	63>	539	A5CDC	N	65	65	Y4.	736D
562M7256	Wxky z x2srs %lyr xv4 v	O	M	8	63>	63>	539	A5CDC	N	65	65	Y4.	736D
562M8256	Wxky z x2y z %z v 4 ss	O	M	8	63>	63>	539	A5CDC	N	65	65	Y4.	736D
572M6256	d s%Xrz %l %OM2N rt	O	M	6	73>	73>	>35	A5CDC	N	A	65	Y4.	83A9
572M7256	Wxky z x2r %l v r %lrw	O	M	>	73>	73>	539	A5CDC	N	65	65	Y4.	736D
572M8256	Wxky z x2 uv %Mzuxv	O	M	>	63>	63>	539	A5CDC	N	65	65	Y4.	736D
582M6256	Wxky z x2 zv %Wss 4zv%Wss	O	M	C	63>	63>	539	A5CDC	N	65	65	Y4.	736D
582M7256	Wxky z x2vtv z %l z %Xzuuv	O	M	6	73>	73>	539	A5CDC	N	65	65	Y4.	736D
582M8256	Wxky z x2vtv z %l	O	M	7>	63>	63>	539	A5CDC	N	65	65	Y4.	736D
592M6256	Wxky z x2vtv z %l z %Qr	O	M	6	73>	73>	539	A5CDC	N	65	65	Y4.	736D
592M7256	Wxky z x2vtv z %l z %vr	O	M	6	73>	73>	539	A5CDC	N	65	65	Y4.	736D
592M8256	Wxky z x2vtv z %Xrz	O	M	6>	63>	63>	539	A5CDC	N	65	65	Y4.	736D
5>2M6256	Wxky z x2 y %.vr	O	M	65	63>	63>	539	A5CDC	N	65	65	Y4.	736D
5>2M7256	Wxky z x2vtv z %l z %Xrz %l r tv	O	M	8	63>	63>	539	A5CDC	N	65	65	Y4.	736D
5>2M8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2M6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2M7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2M8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2M6256	Wxky z x2 y %z r	WdQ	M	6A	63>	63>	539	A5CDC	N	65	65	Y4.	736D
5B2M7256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2M8256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672e256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

kulph) dr ef v	o (1R2 (8((	o (1S2 (((	o (1T2 6 (((	o (1U2 ((((	o (1V2 6 (((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (	

cr bue)ef vb knv

n))ec	Ground Floor cleaners store behind Reception
ec)	DB-Contactor
c)o	SQUARE D
c)o	Loadcentre KQ II

d)))))

N/A

v))ec))	DB-NG2 -> 02-L1-01
p D))	1 p) 230 Δ
r))))))	
w	BS 60898 MCB Type C u 6 b

b)ude)6) 7

w N/A

ude)u Bk N/A b ude)p)) N/A

)dlkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 (tSn(FEF: 2(1 2	i ((Sn(IVW 2	o	m 1R2	n 6 1 R2	mTU (.i (1 R2	(v (((3 g ((Ω)
562\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
572\/6256	ez vt tfl2zfl%Mzuxv%vr	O	M	6	73-	73-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
582\/6256	N rt 2zfl%Mzuxv%vr%kyzx	O	M	6	73-	73-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
592\/6256	N rt 2 rz%R r tv%kyzx	O	M	6	73-	73-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5>2\/6256	ez v%N tfl2 rz%R r tv%kyzx	O	M	6	73-	73-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5A2\/6256	N rt 2 rz %R%kv%Vss %kyzx	O	M	6	73-	73-	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5B2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5C2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
5D2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
652\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
662\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
672\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
682\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
692\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6>2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6A2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6B2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.
6C2\/6256	d r v	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.	Y4.

kulph) dr ef v	o (1R2 (8((	o (1S2 (((	o (1T2 6 (((	o (1U2 ((((	o (1V2 6 (((	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

d))w)d)v

k (: ((:

cr bue)ef vb knv

n))ec	Ground floor Reception comms Room
ec)	DB-NG4
c)o	SQUARE D
c)o	Loadcentre KQ II

d)))))

N/A

v))ec))	MDB-1 -> 17-L2-01
p D))	1 p) 230 Δ
r))))))	
w	BS 60947-2 ACB u 80 b

b)ude)6) 7

w	N/A
ude)u Bk	N/A b ude)p)) N/A

)dlkudy kw)ef vb knv

T (	T ((	o ((1 (T 2	m tSn(FEF: 2	h ((	T ((f (1 A2	(1 A2	g 7 ((SSn(FEF: 2(1 2	i ((Sn(IVW 2	o	m 1R2	n 6 1 R2	mTU (.i (1 R2	(v (((3 g ((Ω)
562/07256	d tflv 2N %s	O	M	A	73-	73-	539	A5CDC	M	87	65	Y4L	63BB
572/07256	dvt z %d	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
582/07256	dvt z %d	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
592/07256	N r u %d tflv	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5>2/07256	Lt r	O	M	6	73-	73-	539	A5CDC	M	65	65	Y4L	93BB
5A2/07256	P r tv%s fivt	O	M	6	73-	73-	539	A5CDC	N	6A	65	Y4L	63BB
5B2/07256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5C2/07256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
5D2/07256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
652/07256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
662/07256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L
672/07256	d r v	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L	Y4L

kulph) dr ef v	1R2 o ((8((	1S2 o (((	1T2 o ((((6 (	1U2 o (((((	1V2 o ((((6 (	1Z2 o ns R((8(	1a2 o ns R((8(	1b2 g 6 (

d))w)d)v

k (: ((:

albarrie
Compliance Services
Compliance : Capability : Certainty : Confidence

n (B

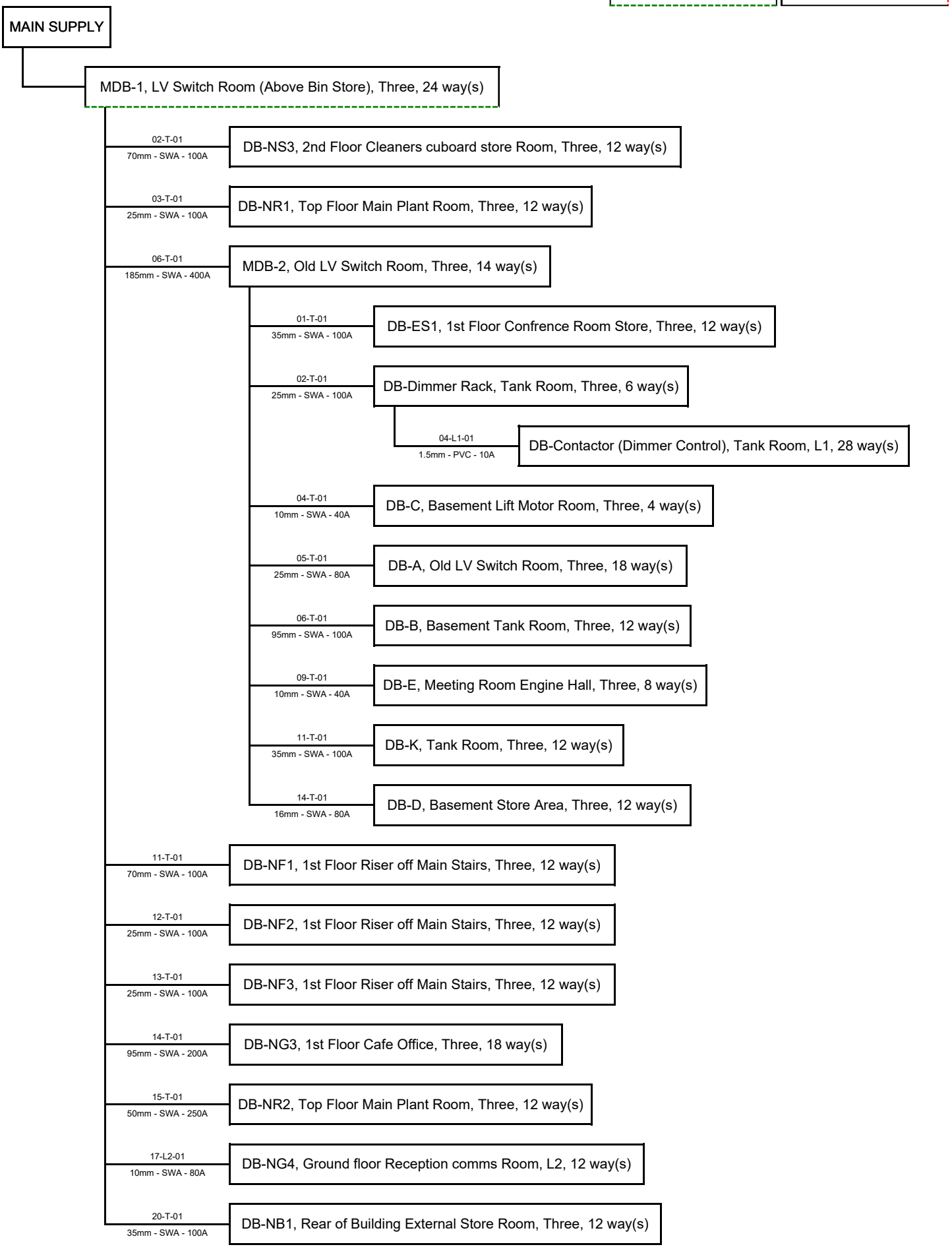
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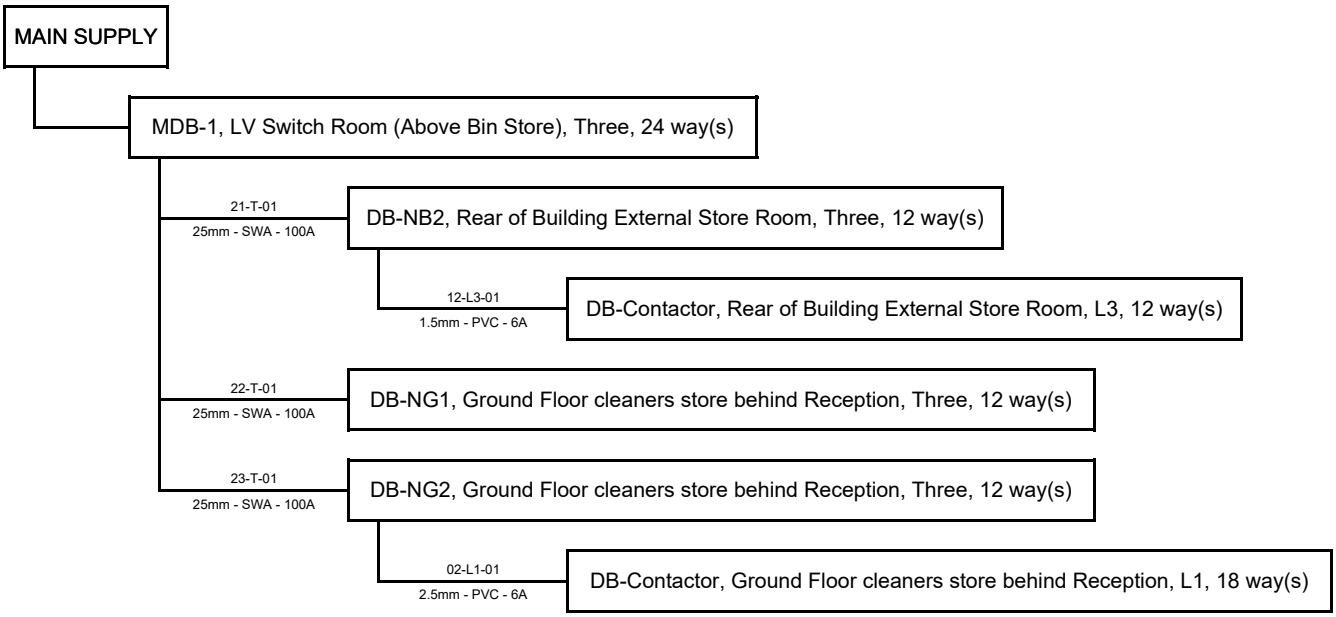
Peoples History Museum, New Court Street, Manchester, M3 3ER

gv tr % v % z r z | e tr vu% z r % v



d))w)d)v

k (: ((A


MAIN SUPPLY
MDB-1, LV Switch Room (Above Bin Store), Three, 24 way(s)
21-T-01
25mm - SWA - 100A
DB-NB2, Rear of Building External Store Room, Three, 12 way(s)
12-L3-01
1.5mm - PVC - 6A
DB-Contactor, Rear of Building External Store Room, L3, 12 way(s)
22-T-01
25mm - SWA - 100A
DB-NG1, Ground Floor cleaners store behind Reception, Three, 12 way(s)
23-T-01
25mm - SWA - 100A
DB-NG2, Ground Floor cleaners store behind Reception, Three, 12 way(s)
02-L1-01
2.5mm - PVC - 6A
DB-Contactor, Ground Floor cleaners store behind Reception, L1, 18 way(s)

Appendix F - Gas Test by Regin

COMMERCIAL SERVICING/COMMISSIONING RECORD

(USE THIS FORM FOR NON-DOMESTIC INSTALLATIONS ONLY)

Report Ref No: C1C 0591817

BUSINESS DETAILS

Name: S Mason

Gas Safe registered engineer No: 567299

Company: Agilis Lux (UK) Reg No: 6397749

Address: Suite 1, bonded warehouse
manchester

Postcode: M3 4AP Tel No: 0333 4003519

DECLARATION OF GAS SAFETY

I confirm that all the work described on this form has been satisfactorily completed in accordance with the current Gas Safety (Installation and Use) Regulations, industry standards and procedures.

Gas Engineer's signature: S Date: 7.1.25

INSPECTION / INSTALLATION ADDRESS

Name & Title: Peoples history Museum

Address: Water St, Spinningfields,
manchester.

Post Code: M3 3ER Tel: 0161 838 9190

Issued to (print name): M Prescott Date: 7.1.25

CUSTOMER'S NAME & ADDRESS (if different from Inspection / Installation)

Name & Title:

Address:

Post Code: Tel:

APPLIANCE DETAILS

	No. 1	No. 2	No. 3
Location:	Plant room : Roof		
Type:	boiler		
Model:	Fremaha 210 eco		
Serial No:	0325302728700		
Burner manufacturer (if different):	-		
Flue type:	O/F		

COMBUSTION CHECKS

Appliance No.	No. 1		No. 2		No. 3	
Firing Mode	Low	High	Low	High	Low	High
Heat input rating (kW)		210				
Gas burner pressure (mbar)		mod				
Gas rate (m³/hr)		-				
Air/gas ratio control setting		-				
Ambient (room) temperature (°C)		16				
Flue gas temperature (°C)		56.5				
Flue gas temperature net (°C)		40.5				
Flue draught pressure (mbar)		-				
Oxygen (O_2) %		5.9				
Carbon Monoxide (CO) ppm		29				
Carbon Dioxide (CO_2) %		9				
NO_x %		-				
Excess air %		52				
CO/CO_2 - Ratio		0003				
Gross efficiency %		88.2				

ADDITIONAL CHECKS (Yes/No/NA)

	No. 1	No. 2	No. 3
Flue flow test satisfactory	N/A		
Spillage test satisfactory	N/A		
Ventilation satisfactory (see also GENERAL SAFETY CHECKS)	Y		
Air/gas pressure switch operating correctly	Y		
Flame proving/safety devices operating correctly	Y		
Burner lock-out time (seconds)	1		
Temperature and limit thermostats operating correctly	Y		
Appliance serviced	Y		

DETAILS OF REMEDIAL WORK REQUIRED:

DETAILS OF WORK DONE:

Annual Service

GENERAL SAFETY CHECKS (Yes/No/NA)

Gas booster(s)/compressor(s) operating correctly?	N/A
Gas installation tightness test carried out? (if yes see separate form)	Y
Gas installation pipework adequately supported?	Y
Gas installation pipework sleeved/labelled/painted as necessary?	Y
Flue system installed in accordance with appropriate standards?	Y
Flue termination(s) satisfactory?	Y
Fan-flue interlock operating correctly?	N/A

VENTILATION TYPE Natural - Go to item 1 Mechanical - go to item 2

1. Plant room/compartment ventilation	low-level free area (cm²)	1736
	high-level free area (cm²)	868
All ventilation grilles clear and unobstructed?		Y
2. Mechanical ventilation flow rate	inlet (m³/s)	
	extract (m³/s)	
Mechanical ventilation interlock operating correctly?		
All ventilation grilles clear and unobstructed?		

SAFETY INFORMATION

Products Ltd

COMMERCIAL GAS TESTING AND PURGING RECORD

(USE THIS FORM FOR NON-DOMESTIC INSTALLATIONS ONLY)

Regin

Report Ref No: C2C 0444623

REGISTERED BUSINESS DETAILS

Gas Engineer:	S Mason
Gas Safe registered engineer No:	5767299
Company:	Agilis Lux (UK) Reg No: 6397449
Address:	Suite 1, bonded warehouse Manchester
Postcode:	M3 4AP Tel No: 0333 4003519

DECLARATION OF GAS SAFETY

I confirm that all the work described on this form has been satisfactorily completed in accordance with the current Gas Safety (Installation and Use) Regulations, industry standards and procedures. If additional safety checks have been necessary to ensure safety of the gas system, the relevant person has been informed and the results accepted. The engineer has left the installation operational.

Gas Engineers Signature/ Responsible person's signature: S

Date: 7.1.25

INSPECTION/INSTALLATION ADDRESS

Name & Title:	Peoples history Museum
Address:	Water St, Spinningfields Manchester
Post Code:	M3 3ER Tel: 0161 838 9190
Issued to (print name):	M Prescott Date: 7.1.25

CUSTOMER'S NAME & ADDRESS (if different from Inspection/Installation)

Name & Title:	
Address:	
Post Code:	Tel:

Indicate work undertaken: TIGHTNESS TEST ☑ PURGE ☐ STRENGTH TEST ☐

DETAILS OF TIGHTNESS TEST

Natural Gas (NG) or LPG?	NG
Installation New (N) / New Extension (NE) / Existing (E)	E
Weather/Temperature stable? Yes/No	Y
Meter Type (e.g.Rotary, Diaphragm)	D
Meter Designation (e.g.P7, U40, U16)	G40
Has a meter bypass been installed? Yes/No	N
Installation Volume (IV): Gas Meter	.129 m³
Installation Pipework & Fittings	.320 m³
Total IV	.45 m³
Test medium (gas or air)	G
TTP Tightness Test Pressure in mbar/bar	22.5
Pressure Gauge (Std 'U' tube/Reduced scale/electronic)	E
MPLR Maximum Permitted Leak Rate m³/hour	0.9
Let-by test period existing installations (in minutes)	3
Stabilisation Period (in minutes)	6
TTD Tightness Test Duration (in minutes)	4
Are there any areas with inadequate ventilation to check? Yes/No	N
Is barometric pressure correction required? Yes/No	N

TIGHTNESS TEST RESULTS

Actual pressure drop (if any at all)	0 mbar
Actual Leak Rate (m³/hour) *see overleaf*	/
Areas with inadequate ventilation been checked? Yes/NA	N/A
Tightness Test Pass/Fail	Pass

DETAILS OF PURGING PROCEDURE

Has a risk assessment been carried out? Yes/No	
Has a procedure for the purge been documented? Yes/No/NA	
Have necessary warning signs (eg No Smoking) been displayed?	
Have all persons in the vicinity of the purge been advised accordingly?	
Have all valves to and from specific pipework section been labelled?	
If using Nitrogen gas for an indirect purge, have the gas cylinders been checked/verified for their correct content?	
Are suitable type of fire extinguishers available in case of an incident?	
Are two-way radios (must be intrinsically safe) available?	
Are all necessary electrical bonds fitted?	
Calculate Purge Volume: Gas Meter	m³
Installation Pipework & Fittings	m³
Total Purge Volume	m³
Is gas detector intrinsically safe? Yes/No	
Is oxygen measuring device intrinsically safe? Yes/No	

PURGE TEST RESULTS

Proceed with purge recording final test criteria readings O_2% or LFL%	
Purge Test Pass/Fail	

DETAILS OF STRENGTH TEST

Components not suitable for strength testing have been removed or isolated prior to test Yes/NA	
Installation New/New Extension/Existing	
Test Method Hydrostatic/Pneumatic	
Strength Test Pressure STP (Calculated) mbar/bar	
Test medium Air/Nitrogen/Water	
Stabilisation Period mins	
Strength test duration STD mins	
Permitted pressure drop % STP	
Calculated pressure drop mbar/bar	

STRENGTH TEST RESULTS

Actual pressure drop mbar/bar	
Strength Test Pass/Fail	

NOTIFICATION OF UNSAFE GAS INSTALLATION

I confirm that all of the above work described on this form has been satisfactorily completed in accordance with the current Gas Safety (Installation and Use) Regulations, industry standards and procedures. However, an unsafe gas installation has been identified, details of which are listed on a separate Warning/Advice Notice.

Gas operative's signature

Signature of Responsible person on behalf of client

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Appendix G - Fire Alarm Test by Scutum

Service Visit Report Sheet

Scutum North Ltd
Trident House, Anchor Court
Commercial Road Darwen, BB3 0DB
Tel 01254 414000

SCUTUM — Shielding your future

☑ N/a ☐ Emerson ☐ Eric Wright ☐ FES ☐ ECG ☐ GMT ☐ BAM

Site Name PEOPLE'S HISTORY MUSEUM

Address BRIDGE STREET

Town / City MANCHESTER

Postcode

Site Number 20308

Clients Order No:

System On Arrival: ☐ Normal Working Order ☐ Isolations On System ☑ System In Fault ☐ Not Applicable

System in fault on arrival strobe circuit loop 2 address 80 plant room

System Location: MAIN ENTRANCE

See Ticksheet For Devices Tested On This Visit

Service Visit No. ☐ 1 ☐ 2 ☐ 3 ☑ 4

☐ **Weekly** ☐ **Monthly** ☑ **Quarterly** ☐ **6 Monthly** ☐ **Yearly**

☑ Fire Alarm System
☐ HSSD System
☐ Refuge System
☐ Disabled Toilet Alarm
☐ Other (Please Specify)

☐ Gas Extinguishing System
☐ Visuals / Gauge Checks
MM - YY Cylinder Date

☐ Induction Loop
☐ Pager System
☐ Water Detection System
☐ R102 Visual Checks

☐ 1 Hour Discharge Test
☐ 3 Hour Discharge Test
☐ LEDs / Functional Test
☐ Central Battery Unit

☐ Intruder System
☐ CCTV System
☐ Access Control
☐ Nurse Call System

CARRIED OUT SERVICE TO FIRE ALARM SYSTEM ALL IN ORDER SYSTEM HEALTHY ON DEPARTURE. GROUND FLOOR AND BEAM DETECTION TESTED THIS VISIT. REPLACED FAULTY DEVICE IN PLANT ROOM. SOUNDERS TESTED JUST BEFORE ARRIVAL BY CLIENT AND MONITORING TESTED

● Functional Sounder Test Carried Out On This Service Visit
○ Unable To Test Sounders (Site's Request)

○ Single Path ● Dual Path ○ By Others ○ None
● Monitoring Tested And Confirmed ○ Unable to Confirm Signal

● Cause And Effect Test Carried Out On This Service Visit
○ Unable To Test Cause And Effect (Site's Request)

Qty	☑ Equipment Used	☐ No Equipment Used
1	GENTS DETECTOR	£
	S4-711-V-VAD-HPR	£
		£
		£
		£
		£

☐ Equipment Replaced On Warranty

Other Reasons For Not Testing

Annual Inspection Yearly: ☐ Not Required On This Visit
☐ Sounder Audibility Test ☐ Standby Battery Capacity
☐ Full Site Cause And Effect Tested ☐ Inspection BS5839 / Use Or Occupancy Change
☐ Visual Cable Inspection

System On Departure: ☑ Normal Working Order ☐ Isolations On System ☐ System In Fault ☐ Not Applicable

SYSTEM HEALTHY ON DEPARTURE

Customers Requirements For Next Service Visit: ☑ None ☐ High Level Access ☐ Access To Liftshaft ☐ Access To Areas / Keys etc

Completion Of Works: Next Service Visit Due 05 / 25

False Alarm Records 0 (Previous 12 Months)

☐ Log Book Filled In ☑ Unable To Locate Log Book ☐ Not Req'd For This Visit

Panel Batteries A/H Multiple Batteries On Site ☐

Date On Batteries MMYY ☐ Not Dated

All Work Completed For This Visit ☑ Yes ☐ No

Engineer Name TONY CALOW

[redacted]

Customer Notes:

Equipment Used On Service Visit

Customer Name M PRESCOTT

Date 11 / 02 / 25

Signature signed

Customers email

Quality Of Service ☑ Outstanding ☐ Good ☐ Satisfactory ☐ Poor Performance ☐ Customer Requires Setting Up On Scutum Portal

Additional Works

☐ **Additional Work Required** ☑ **No Additional Work**

		Qty	Equipment Required
☐ Normal Hours	☐ Out Of Hours		
☐ 1 Engineer Required	☐ 2 Engineer Required		
☐ Step Ladder / Pole	☐ Aframe (8 Tread)		
☐ Customer Providing Access Equipment	☐ Aframe (10 Tread)		
☐ Mech Platform Required ☐☐ Meters			
☐ (Hrs) Estimated Time			

☐ Chargeable Return Visit To Complete Service

☐ New Log Book Required (Chargeable To Customer)

Comments:

System Information:

Manufacturer	
Device Protocol	
Sounder Type	
Cable Type	

Sketch Box:

Scutum Use Only (Accounts)

Equipment Used On Service Visit

Maintenance		**£**	
Maintenance		**£**	
Maintenance		**£**	
Maintenance		**£**	
		Equipment Used £	
		Total Cost £	

We being currently a BAFE SP203-1 ‘certified firm’ in respect of fire detection & fire alarm systems of the type (s) we have identified, certify that the maintenance work identified in the description above complies with the standard BS5839-1 code of practice identified on the tick-sheet and with all other requirements as currently laid down within this scheme in respect of such a system.

BAFE SP203-1 Certificated Company (Number 100598)

Site Certification No

Verify at ssaib.org

Appendix H - Intruder Alarm Report by CIA

CIA 2000 Ltd, 72 High Street, Lees, Oldham, OL4 5AA
0161 624 8500
info@cialtd.com

Intruder PPM Report

Customer
AGILIS
Agilis Lux (UK) Ltd
c/o Allied London
Suite 1 Bonded Warehouse
18 Lower Byrom Street
Manchester
M3 4AP

Site
14753
Peoples History Museum
Left Bank
Spinningfields
Manchester

M3 3ER

System Type: Preventative
Call No: 158179

Call Remarks

Booked in with Zoe for attendance Monday 28th October - KD
Directions: Master code required to gain access for engineer
Call Remarks: Control Equipment Type Europlex SigNet and 65 zones
Preventative Maintenance : Intruder Servicing
Notes :

Report

I1 Intruder alarm Serviced
1) System clear on arrival in day mode
2) If system has CS connection take off watch
3) Walk test all zones
4) Check all zones set off intruder alarm
5) Check Bell works
6) Check battery voltages are within limits
7) Check quiescent and alarm currents
8) Check above with mains on and removed
9) Return system to day mode
10) Check log book if any false alarms have taken place

Started 31/10/2024 09:10:00 Finished 31/10/2024 10:00:00

Check List

1	Control Panel Type	Europlex
2	Software Version	X
3	Wired/Wireless devices	Wired
4	Location of panel and keypad	Main entrance
5	Number and location of any expanders	X
6	Number of Zones in use	65
7	Battery size and load test is ok	12v 7ah
8	All zones walk tested	Yes
9	Download of panel taken	Not Applicable
10	Is System Monitored	Yes
11	Signals received	Yes
12	Has system been set/unset ok	Yes

Recommendations

X

Needs Attention

X

Engineer's Name *Bogdan-Ionut Mateoiu* [redacted]

Customer's Name *Mike* [redacted]

End of Report

Appendix I - Fire Risk Assessment by AP

AssuredPartners
HETTLE ANDREWS



Chartered Insurance Brokers

Power through Partnership.

Fire Risk Assessment
The People's History Museum

Regulatory Reform (Fire Safety) Order 2005 Fire Risk Assessment

1.0 General Information	
Organisation / Responsible Person:	The People's History Museum
Industry / Trade:	Museum/Café.
Premises Address:	People's History Museum, Left Bank, Spinningfields, Manchester, M3 3ER
Persons Consulted:	Mike Prescott - Operations Manager
Fire Risk Assessor:	Andrew Cronshaw BSc(Hons) Grad IOSH
Date of Fire Risk Assessment:	25th October 2023
Date of previous Fire Risk Assessment:	May 2023
Date recommended for Review*:	October 2024
Excluded / Inaccessible Areas:	Some roof void areas.
Relevant Legislation / Guidance:	Regulatory Reform (Fire Safety) Order 2005 Fire Safety: Approved Document B BS 7671 Fixed Wire Regulations Furniture and Furnishing (Fire Safety) Regulations 1988 Health and Safety (Safety Signs and Signals) Regulations 1996 Fire safety risk assessment: Theatre, Cinema and similar premise HSG107 – Maintaining Portable Electrical Appliances BS EN 62305-3:2011 'Protection against lightning BS 5306-3:2017 Fire extinguishing installations and equipment on premises BS 5266-1:2016 Emergency lighting BS 5839-1:2019 Fire detection & fire alarm systems for buildings

Please note: this fire risk assessment report is primarily designed to provide an assessment of the risk to life, should fire break out within the premises, and the recommendations target this objective; as well as the need to ensure compliance with the fire safety legislation/guidance identified in the table above.

Whilst some of the comments made may address property protection or business continuity risks, this is not the primary concern of this report.

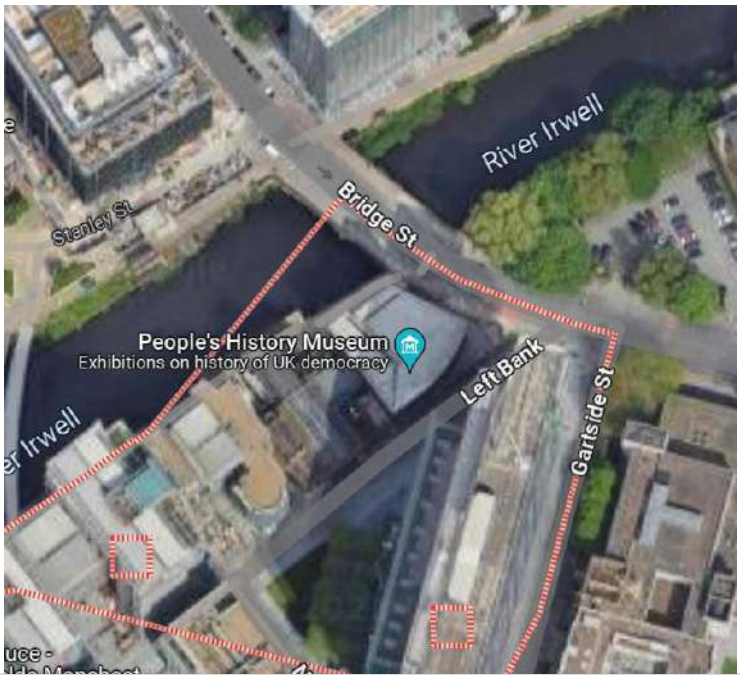
* The date recommended for review (by a suitably competent person), assumes no other significant changes to the premises, occupancy, persons at risk or activities undertaken etc., prior to this date, which may give reason to believe the risk assessment is no longer valid.

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HETTLE ANDREWS

2.0 Premises Details	
Construction Materials:	Main/original building is brick and block construction.
No. of Floors:	4 Floors
Approx. Floor Area / Dimensions:	4273m2.
Use of Premises:	Museum, Various rooms and exhibits, storage, Café, Reception, Conservation studio.
Neighbouring Premises / Area:	City centre location, largely commercial premise.
Hours of Use:	Weekdays 8am-5pm, Weekends 10am – 4pm to members of the public, other times staff are on site.
Enforcing Authority:	Greater Manchester Fire and Rescue Service.
Fire & Rescue Service Location:	London Road Fire Station – approx. 0.5 miles / 4mins from site.
Previous Fire Loss Experience:	None

Photograph / Aerial View of Premises:





3.0	People at Risk	
3.1	Max. no. people at one time:	Up to 580
3.1.1	Employees:	Approx. 30 in total, with approximately 10-15 in the building at one time.
3.1.2	Members of Public:	Approx. 580 at full capacity.
3.1.3	Sleeping Occupants:	No sleeping occupants.
3.1.4	Disabled Persons: (incl. temporary disablement)	None identified
3.1.5	Lone/Remote Workers:	Occasional lone workers.
3.1.6	Children or Young Persons:	Various amounts of children
3.1.7	Others at a higher level of risk: (e.g. contractors/ hirers/ expectant mothers/ elderly or infirm)	Members of the public.

4.0 Fire Hazards

4.1	Electrical Installation / Appliances / Leads	YES	NO	N/A
4.1.1	Fixed electrical installation subject to periodic inspection?	☐	☒	☐
4.1.2	Remedial actions from periodic inspection completed?	☐	☐	☒
4.1.3	Portable appliance testing (PAT) regime in place?	☒	☐	☐
4.1.4	Personal items of (e.g. staff/residents) included in PAT regime?	☒	☐	☐
4.1.5	Use of extension leads and adaptors subject to limitation?	☐	☒	☐

Comments / Observations / Deficiencies:

5 yearly fixed electrical installation carried out by external contractor Calbarrie October 2023 however no Electrical conditioning report has been received.**(4.1.1)**
No remedial actions outstanding as per the EICR.
Annual PAT Testing regime in place, conducted by external contractor Calbarrie, last conducted 05/04/2023.
Minimal use of extension leads, however in the Engine Hall evidence of daisy chaining and several extension cables present.**(4.1.5)**

4.2	Smoking	YES	NO	N/A
4.2.1	Smoking prohibited inside premises?	☒	☐	☐
4.2.2	Smoking prohibited on the ground/site?	☒	☐	☐
4.2.3	Smoking area provided/ means to dispose of smoking materials?	☐	☐	☒
4.2.4	'No Smoking' policy appears to be observed?	☒	☐	☐
Comments / Observations / Deficiencies:				
Smoking is prohibited on site. No smoking areas or any smoking permitted. No breaches of the smoking policy were determined within the building.				

4.3	Arson	YES	NO	N/A
4.3.1	Reasonable security to site perimeter and/or buildings?	☒	☐	☐
4.3.2	Security systems / deterrents in place?	☒	☐	☐
4.3.3	Combustible materials near to buildings limited or protected from ignition by outsiders?	☒	☐	☐
4.3.4	Waste bins stored away from buildings or secured/protected?	☒	☐	☐
Comments / Observations / Deficiencies:				
The site has secure fencing/gates and is locked when not in use. CCTV/intruder alarm also in place (CCTV is a recorded system, and remotely monitored by Cougar). Minimal combustible materials external and protected from outsiders. Bins in gated yard, secure and out of sight.				

4.4	Portable Heaters / Heating Installations	YES	NO	N/A
4.4.1	Heating installation subject to servicing, inspection, safety checks?	☒	☐	☐
4.4.2	Use of radiant bar / LPG-fired portable heaters avoided?	☒	☐	☐
4.4.3	Combustible materials away from portable heating appliances?	☒	☐	☐
Comments / Observations / Deficiencies:				
An annual service regime in place for boilers with external contractor, S Mason 10/01/23 Gas Safe reg no 639749. No portable heating devices seen to be present within this building. No combustible materials stored near heating devices.				

4.5	Cooking / Kitchens	YES	NO	N/A
4.5.1	Housekeeping and cleanliness of kitchens acceptable?	☒	☐	☐
4.5.2	Kitchen appliances subject to servicing, inspection, safety checks?	☐	☒	☐
4.5.3	Gas shut-off/isolation present, and staff know how to operate?	☐	☐	☒
4.5.4	Extract filters removed/washed regularly and ductwork cleaned?	☐	☒	☐
4.5.5	Suitable firefighting equipment / extinguishers present?	☒	☐	☐
Comments / Observations / Deficiencies:				
The cleanliness of the kitchen was to a good standard. No evidence of safety checks on kitchen equipment.**(4.5.2)** No evidence of deep cleaning of the ductwork. **(4.5.4)** Extinguishers in place in kitchen, as well as fire blankets. Ansul fire suppression serviced 07/02/2023.				

4.6	Lightning	YES	NO	N/A
4.6.1	Lightning protection system installed on the premises?	☒	☐	☐
Comments / Observations / Deficiencies:				
Lightening Protection is fitted to this building and last serviced on 29/11/22 by PTSG.				

4.7	Housekeeping / Combustibles	YES	NO	N/A
4.7.1	Housekeeping practices of an adequate standard?	☒	☐	☐
4.7.2	Combustible materials away from ignition sources?	☒	☐	☐
4.7.3	Large accumulations of combustible materials avoided?	☒	☐	☐
4.7.4	Appropriate storage of combustible materials?	☐	☒	☐

Comments / Observations / Deficiencies:

Housekeeping to a good standard, daily cleaning regime in place.
No large accumulation of combustible materials identified.
Housekeeping generally very good and no concerns over combustible materials being close to ignition sources, though there is an accumulation of combustible materials in the basement protected stairwell. **(4.7.4)**

4.8	Contractors / Building Works	YES	NO	N/A
4.8.1	Procedures in place for assessment/induction of contractors?	☒	☐	☐
4.8.2	Suitable precautions / hot work permits in place during 'hot works'?	☒	☐	☐
4.8.3	Appropriate supervision of contractors during/after hot works?	☒	☐	☐

Comments / Observations / Deficiencies:

Contractor checklist used for new contractors includes fire safety/emergency information, and also request insurance details and RAMS. Agilis Building management are used to identify contractors and perform most works.
Site induction also carried out.
Sign in at reception, as do all visitors.
Permits to work systems is in place for hot works.

4.9	Dangerous Substances	YES	NO	N/A
4.9.1	Appropriate storage of dangerous (e.g. flammable/explosive/oxidising) substances?	☒	☐	☐
4.9.2	Appropriate storage of gases under pressure?	☐	☒	☐
4.9.3	Fire precautions in place during use of dangerous substances?	☐	☐	☒
4.9.4	Specific DSEAR (Dangerous Substances and Explosive Atmospheres Regulations) risk assessment completed, where required?	☐	☐	☒
Comments / Observations / Deficiencies:				
No significant concerns identified within this building; flammables present include cleaning materials and lockable cleaning cupboards are provided for the Cleaning Team. A gas bottle was identified in the main switch room which was not secured. **(4.9.2)**				

4.10 Other Significant Fire Hazards

Description of Hazards Identified:	Comments / Observations / Deficiencies:
None identified.	

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5.0 Protective Measures

5.1	Means of Escape	YES	NO	N/A
5.1.1	Suitable capacity and design of escape routes?	☒	☐	☐
5.1.2	Adequate provision of fire exits?	☒	☐	☐
5.1.3	Fire exits open easily and immediately?	☒	☐	☐
5.1.4	Fire exits open in the direction of escape, where necessary?	☒	☐	☐
5.1.5	Fire exits do not feature sliding/revolving doors, where necessary?	☒	☐	☐
5.1.6	Satisfactory means of securing fire exits?	☒	☐	☐
5.1.7	Reasonable distances of travel (single direction of travel)?	☒	☐	☐
5.1.8	Reasonable distances of travel (multiple directions of travel)?	☒	☐	☐
5.1.9	Suitable protection of escape routes? (e.g. passive fire protection)	☐	☒	☐
5.1.10	Suitable fire precautions for inner rooms?	☒	☐	☐
5.1.11	Escape routes unobstructed?	☒	☐	☐
5.1.12	Escape stairs/handrails (internal/external) in good condition?	☒	☐	☐
5.1.13	External fire escapes/walkways in good condition and undamaged?	☒	☐	☐
5.1.14	Reasonable means of escape for disabled persons?	☒	☐	☐

Comments / Observations / Deficiencies:

Adequate fire exits provided from all areas;
Adequate provision and easy to open and consist of “Push Bars”.
Travel distances to protected stairwells are within acceptable distances.
A couple of issues with fire doors identified:
Basement main office, an auto closer was missing and had a gap in the door.**(5.1.9)**
Objects store had a gap in the door**. (5.1.9)**
In the Café the door leaving the kitchen area would not shut. **(5.1.9)**
In the paint store the auto closer was damaged. **(5.1.9)**
2nd floor conservation studio has a gap in the door. **(5.1.9)**
Escape stairs/external walkways all seen to be in good order.
No disabled persons at present, however refuge areas and evacuchairs are present for members of the public who have limited mobility.

5.2	Measures to Limit Fire Spread	YES	NO	N/A
5.2.1	Compartmentation of reasonable condition (based on visual inspection of the premises)?*	☐	☒	☐
5.2.2	Wall/floor/ceiling linings not likely to promote the spread of fire?	☒	☐	☐
5.2.3	Fire dampers provided (as far as can be ascertained) to protect means of escape against passage of fire/smoke/combustion products?**	☐	☐	☒
Comments / Observations / Deficiencies:				
Compartmentation identified to a good standard apart from a couple of minor issues. In the small lift room there was a hole in the wall.**(5.2.1)** Solid construction with wall linings of plasterboard/ plaster and brick/block. Wall/floor/ceiling linings not likely to promote the spread of fire.				

5.3	Emergency Escape Lighting	YES	NO	N/A
5.3.1	Emergency escape lighting in place at/near fire exits?	☒	☐	☐
5.3.2	Emergency escape lighting in stairwells/lobbies/change of direction?	☒	☐	☐
5.3.3	Emergency escape lighting in place externally, where necessary?	☒	☐	☐
Comments / Observations / Deficiencies:				
Emergency lighting provided at or near to all fire exits. Lighting also present within escape routes, stairwells etc. External emergency lighting present.				

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5.4	Fire Safety Signs / Notices	YES	NO	N/A
5.4.1	Fire safety signage present to identify fire exit doors?	☒	☐	☐
5.4.2	Directional fire safety signage in place to identify location of fire exits?	☐	☒	☐
5.4.3	Other fire safety notices also present, where required? (e.g. fire action/ fire door keep shut/ fire exit keep clear/ not to use lifts)	☐	☒	☐

Comments / Observations / Deficiencies:

Fire signage displayed at all exits.
There is a good amount of directional signage throughout, however some signs require attention.
1st floor gallery the directional signage has peeled back.**(5.4.2)**
No directional signage to the fire exit in 2nd floor conservation studio.**(5.4.2)**
2nd floor gallery, no fire exit directional signage leading to the exit.**(5.4.2)**
Notices are displayed alongside manual call points.
Fire Assembly point noted on fire action notices.
Signs are displayed above all extinguishers.
Signs are displayed on some fire doors however no “fire door, keep shut” signs on several doors including:
Basement refuge door. **(5.4.3)**
Basement main office. **(5.4.3)**
Objects store door. **(5.4.3)**
Quarantine door. **(5.4.3)**
Hoist room door. **(5.4.3)**
Conservation studio door. **(5.4.3)**
Lifts on all floors had no signage stating, “do not use the lift in the event of a fire.” **(5.4.3)**

5.5	Means to Give Warning of Fire	YES	NO	N/A
5.5.1	Reasonable manually operated electrical fire alarm system?	☒	☐	☐
5.5.2	Automatic fire detection in place (throughout premises)?	☒	☐	☐
5.5.3	Automatic fire detection in place (only part of premises)?	☐	☐	☒
5.5.4	Coverage by automatic fire detection appropriate to occupancy/risk?	☒	☐	☐
5.5.5	Remote transmission/monitoring of fire alarm?	☒	☐	☐
5.5.6	No concerns raised (i.e. Responsible Person or occupants) over audibility of alarm during fire drills/alarm tests?	☒	☐	☐

Comments / Observations / Deficiencies:

Break-glass call points provided at all final exits/ fire exits, and at storey exits within or close to stairwells.
Automatic fire detection provided throughout escape routes,
Automatic detection also present in high fire risk areas (e.g. kitchens, plant rooms/ basement,).

All fire panels are zoned to assist in identifying the location of the fire/ activation. Remote monitoring of alarm out of normal hours.

5.6	Fire Extinguishing Appliances / Systems	YES	NO	N/A
5.6.1	Reasonable provision of portable fire extinguishers?	☒	☐	☐
5.6.2	Fire extinguishers visible, accessible and highlighted/signposted?	☒	☐	☐
5.6.3	Hose reels provided?	☐	☐	☒
5.6.4	Automatic fire suppression / sprinklers in place?	☐	☐	☒
5.6.5	Manual (fixed) fire suppression system in place?	☐	☐	☒
Comments / Observations / Deficiencies:				
Foam and CO2 extinguishers provided throughout corridors/escape routes, and the basement, and plant rooms. Additional CO2 and fire blankets in kitchens(along with Ansul system). No concerns over access to or placement of firefighting equipment 39 extinguishers total on site. .				

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6.0 Management of Fire Safety

6.1	Management Arrangements	Yes	No	N/A
6.1.1	Fire safety in the premises is managed by:	Mike Prescott - Operations Manager		
6.1.2	Competent person(s) appointed to assist preventative/protective measures (general fire precautions)?	☒	☐	☐
6.1.3	Suitable liaison with Fire and Rescue Service (e.g. familiarisation visits / provision of information)?	☒	☐	☐
6.1.4	Procedures in place to co-ordinate with landlord/tenants in shared premises?	☐	☐	☒
Comments / Observations / Deficiencies:				
External consultants used for advice and guidance, as well as completion of fire risk assessments. Bursar and site manager also completed IOSH Managing Safely, which touches on fire safety, and all staff provided information/training. It is unknown when Greater Manchester Fire & Rescue visited the site. No shared premises and catering staff (employed by external company) follow the staff procedures.				

6.2	Evacuation Procedures	Yes	No	N/A
6.2.1	Suitable (documented) evacuation procedures in the event of fire?	☒	☐	☐
6.2.2	Arrangements in place to summon the fire and rescue service?	☒	☐	☐
6.2.3	Arrangements in place to meet fire and rescue service on arrival and convey relevant information? *(e.g. hazards and alarm zone/location)*	☒	☐	☐
6.2.4	Suitable arrangements to ensure full evacuation of the premises?	☒	☐	☐
6.2.5	Suitable fire assembly point identified / signposted?	☒	☐	☐
6.2.6	Procedures for assistance/evacuation of disabled person(s)?	☒	☐	☐
Comments / Observations / Deficiencies:				
Written procedures/ instructions and site plan seen to demonstrate escape routes and assembly points etc. All out evacuation for site. Fire wardens sweep areas as leaving premises, responsibilities set out in fire wardens duties document. 999 call made to alert fire brigade but alarm monitored out of hours. Assembly point highlighted on the fire action notice. Fire Wardens ' instructions set out raising the alarm/ directing people/ sweeping the premises/ assisting people if needed/ closing fire doors and final exits/ and checking the fire panel on exiting if possible. An evacuchair is present along with refuge areas.				

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6.3	Instruction / Training	YES	NO	N/A
6.3.1	Staff provided adequate fire safety instruction/training at induction?	☒	☐	☐
6.3.2	Fire safety training refreshed periodically/at suitable intervals?	☒	☐	☐
6.3.3	Training includes fire risks/hazards in the premises?	☒	☐	☐
6.3.4	Training includes fire safety measures within the premises?	☒	☐	☐
6.3.5	Instruction given on action to take on discovering a fire?	☒	☐	☐
6.3.6	Instruction given on action to take on hearing fire alarm?	☒	☐	☐
6.3.7	Instruction given on operation of manual fire alarm/call points?	☒	☐	☐
6.3.8	Instruction given on how to summon fire and rescue service?	☒	☐	☐
6.3.9	Instruction given on the type and operation of fire extinguishers?	☒	☐	☐
6.3.10	Nominated persons (fire marshals) provided with additional training?	☒	☐	☐
6.3.11	Nominated persons identified/trained in use of fire extinguishers?	☒	☐	☐
6.3.12	Nominated persons identified/trained to assist with evacuation, including evacuation of disabled people?	☒	☐	☐
6.3.13	Fire drills carried out at appropriate intervals (and recorded)?	☐	☒	☐
6.3.14	Suitable instruction to non-employees (e.g. contractor/visitors)?	☒	☐	☐

Comments / Observations / Deficiencies:

New staff induction procedure run for all staff, and fire safety and fire action notices/evacuation procedures discussed, as well as a tour of site.
Fire policy also provided to staff, and includes; fire prevention, fire safety procedures and employee responsibilities, evacuation process, alerting fire service, drills, staff training, tackling the fire, escape routes, waste disposal, fire safety systems/ equipment provided, procedures for visitors, and maintenance checks/ testing.
Fire Wardens are trained separately(23 fire wardens are trained in total), and document produced to identify their ongoing responsibility day to day.
Fire drills have not been practised recently**. (6.3.13)**
Visitors and contractors are signed in and out of the building in reception.

6.4	Testing / Maintenance	YES	NO	N/A
6.4.1	Adequate maintenance of premises?	☒	☐	☐
6.4.2	Weekly testing and periodic servicing of fire detection and alarm?	☒	☐	☐
6.4.3	Monthly/annual testing routines for emergency escape lighting?	☒	☐	☐
6.4.4	Annual maintenance of fire extinguishing appliances?	☒	☐	☐
6.4.5	Periodic inspection of external escape staircases and gangways?	☒	☐	☐
6.4.6	Six monthly inspection and annual testing of rising mains?	☐	☐	☒
6.4.7	Weekly/monthly testing, six monthly inspection and annual testing of firefighting lifts?	☐	☐	☒
6.4.8	Weekly testing and periodic inspection of sprinkler installations?	☐	☐	☒
6.4.9	Routine checks of final exit doors and/or security fastenings?	☒	☐	☐
6.4.10	Annual inspection and test of lightning protection system?	☒	☐	☐
6.4.11	Systems for reporting/restoration of fire safety measures?	☒	☐	☐

Comments / Observations / Deficiencies:

Adequate maintenance of premises in place. Managed by the Agilis Building Management.
Deep cleaning of the ductwork took place on 31/08/2023 by Ever Brite.
Fire Detection – ; Weekly fire testing carried out, rotating call points. Last seen 07/10/23.
6 monthly Fire Alarm completed by external contractor, Scutum North Ltd, last carried out 20/10/2023.
Emergency Lighting – –12 monthly service/maintenance and 6 monthly Discharge completed by external contractor Agilis ,last carried out 10/10/2023.
Monthly ‘flick testing’ completed on 10/10/2023.
Fire Extinguishers - annual service/maintenance completed by external contractor, last completed March 2023.
Routine daily/weekly checks Periodic checks are completed these include;
Fire doors/Fire exits.
Fire extinguisher checks.
Escape routes.
System in place for reporting issues across the site to Operations Manager.

6.5	Records	YES	NO	N/A
6.5.1	Appropriate records maintained of fire drills?	☐	☒	☐
6.5.2	Appropriate records maintained of fire safety training?	☒	☐	☐
6.5.3	Appropriate records maintained of fire alarm tests?	☒	☐	☐
6.5.4	Appropriate records maintained of emergency escape lighting tests?	☒	☐	☐
6.5.5	Appropriate records maintained of maintenance/testing of other fire protection systems?	☒	☐	☐
Comments / Observations / Deficiencies:				
A fire drill is due.**(6.5.1)** All documents are recorded. These include; Fire Alarm Tests, including external contractor certificates. Emergency Escape lighting tests Extinguishers Fire Exits All applicable records were available and filed.				

Evaluation of Fire Risk

7.0 Evaluation

As with most risk assessments we have looked at two elements of risk; 1) the likelihood, and 2) the consequences.

7.1 Likelihood of Fire

Taking into account the fire prevention measures observed at the time of this fire risk assessment, it is considered that the likelihood of fire at these premises is:

LOW	☐	Unusually low likelihood of fire as a result of negligible potential sources of ignition.
MEDIUM	☒	**Normal fire hazards (e.g. ignition sources) for type of occupancy, with fire hazards generally subject to appropriate controls (only minor shortcomings).**
HIGH	☐	Lack of adequate controls applied to one or more significant fire hazards, such as to result in significant increase in likelihood of fire.

7.2 Consequences of Fire

Taking into account the nature of the premises and the occupants, as well as the fire protection and procedural arrangements observed at the time of this fire risk assessment, it is considered that the consequences for life safety in the event of fire would be:

SLIGHT HARM	☐	Outbreak of fire unlikely to result in serious injury or death of any occupant (other than an occupant sleeping in a room in which fire occurs).
MODERATE HARM	☒	**Outbreak of fire could foreseeably result in injury (including serious injury) of one or more occupants, but it is unlikely to involve multiple fatalities.**
EXTREME HARM	☐	Significant potential for serious injury or death of one or more occupants.

7.3 Risk Rating

In line with the ratings assigned under 7.1 and 7.2, the risk to life from fire at the premises has been identified in the risk rating matrix that follows, with a further description provided of what this risk rating means, and what action is required to address the level of risk stated.

Risk Rating		
TRIVIAL	☐	No action is required and no detailed records need be kept.
TOLERABLE	☐	No major additional fire precautions required. However, there might be a need for reasonably practicable improvements that involve minor or limited cost.
MODERATE	☒	**It is essential that efforts are made to reduce the risk. Risk reduction measures, which should take cost into account, should be implemented within a defined time period. Where moderate risk is associated with consequences that constitute extreme harm, further assessment might be required to establish more precisely the likelihood of harm as a basis for determining the priority for improved control measures.**
SUBSTANTIAL	☐	Considerable resources might have to be allocated to reduce the risk. If the premises are unoccupied, it should not be occupied until the risk has been reduced. If the premises are occupied, urgent action should be taken.
INTOLERABLE	☐	Premises (or relevant area) should not be occupied until the risk is reduced.

		Potential consequences of fire		
		Slight Harm	Moderate Harm	Extreme Harm
Likelihood of Fire	Low	Trivial Risk	Tolerable Risk	Moderate Risk
	Medium	Tolerable Risk	Moderate Risk	Substantial Risk
	High	Moderate Risk	Substantial Risk	Intolerable Risk

Comments / Observations / Deficiencies:
The fire hazards in the premises are well managed, and there are a few actions identified, however due to their being significant fire inception risks present (e.g. kitchens/ plant rooms) and a potential for large number of members of the public, the likelihood of fire cannot reasonably be rated lower than '**Medium**'. The consequences in the event of fire have been rated as '**Medium Harm'**, as injuries are deemed unlikely due to there being a good level of automatic fire detection present which would ensure early warning, and the availability of multiple exits at all levels of the building would also ensure swift evacuation. As such, the overall fire risk rating is '**Moderate**'. Once the actions have been completed this will reduce the overall risk to 'Tolerable'. I would like to thank Mike for the open and honest answers given during the assessment and the excellent knowledge of all fire precautions of the site.

8.0 Action Plan

8.1 Priority Levels

Whilst the evaluation of fire risk and risk ratings and assigned can be viewed as subjective, they provide context and allow comparison between other premises and/or year on year comparison as and when this fire risk assessment is reviewed.

We would advise that the following recommendations should be implemented in order to address the hazards and deficiencies identified in this report, and to ensure that you can reduce the fire risk to, or maintain it at, a Trivial or Tolerable level (as defined in the previous section).

Each of the recommendations contained within this action plan has been assigned a priority level between 1 (high priority) and 4 (low priority), with the same colour coding being used to allow swift identification of the more pressing matters.

Priority Level	Priority Description
1	Immediate Action – conditions exist where fire is likely to occur or where fire would present a significant risk of injury or fatality amongst the occupants of the premises.
2	Urgent Action – conditions exist where fire is possible or where injuries (and possibly fatalities) could occur in the event of fire at the premises.
3	Medium/Long Term Action – conditions exist that would support the growth of a fire and could lead to possible injury to the occupants of the premises.
4	Action Recommended – conditions exist that are contrary to recognised guidance and good practice, and further work could reduce the level of risk to the occupants of the premises.

We have not assigned a deadline for completion of these recommendations, or assigned people as being responsible for their completion, however we would recommend that you do both of these things to ensure these are acted upon in a timely fashion and there is accountability within the organisation. Regular review and updates as to the progress of any outstanding actions should also be ensured.

Finally, the action plan also includes a ‘Completion Date’ field, for you to record the completion of the recommendations outlined as/when they are confirmed as being actioned.

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8.2 Actions Required

Ref/Q	Section	Significant Finding / Hazard	Corrective Action Required	Photo / Comments	Priority [1-4]
4.1.1	Electrical Installation / Appliances / Leads	5 yearly fixed electrical installation carried out by external contractor Calbarrie October 2023 however no Electrical conditioning report has been received	Ensure the Electrical conditioning report has been received and check to ensure it is highlighted as satisfactory.	N/A	3
4.1.5	Electrical Installation / Appliances / Leads	Evidence of daisy chaining and several extension cables present in the Engine hall.	Remove extension cables and communicate the importance of not using several extension cables into the same outlet.		2
4.5.2	Cooking / Kitchens	No evidence of safety checks on kitchen equipment	Kitchen equipment should be checked/serviced based on recommendations of the provided equipment. E.g. gas equipment annually etc.	N/A	2

4.5.4	Cooking / Kitchens	No evidence of deep cleaning of the ductwork	Kitchen ductwork can have a build up of grease which is a large cause of kitchen fires. These should be thoroughly cleaned by a competent person at least annually.	N/A	2
4.7.4	Housekeeping / Combustibles	There was an accumulation of combustible materials in the basement protected stairwell.	Protected stairwells should be kept clear of combustible materials at all times.		2

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4.9.2	Dangerous Substances	A gas bottle was identified in the main switch room which was not secured.	Ideally remove the bottle from this area and secure if remaining on site.		1
5.1.9	Means of Escape	Basement main office, an auto closer was missing and had a gap in the door	Perform maintenance to ensure there is no gaps between the fire doors. Install an auto closer on the door.		2

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5.1.9	Means of Escape	Objects store had a gap in the door(keyhole).	No gaps should remain in the door. Consider a different locking mechanism to ensure there is not a gap.		2
5.1.9	Means of Escape	In the Café the door leaving the kitchen area would not shut	Perform maintenance to ensure the door will close.		2

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5.1.9	Means of Escape	In the paint store the auto closer was damaged.	Perform maintenance on the auto closer.		2
5.1.9	Means of Escape	2nd floor conservation studio has a gap in the door.	Perform maintenance to ensure there is no gaps between the fire doors.		2

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5.2.1	Measures to Limit Fire Spread	In the small lift room there was a hole in the wall.	Use of fire foam or a similar item to ensure fire cannot spread between rooms.		3
5.4.2	Fire Safety Signs / Notices	1st floor gallery the directional signage has peeled back	Make repairs to the directional sign.		4

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5.4.2	Fire Safety Signs / Notices	No directional signage to the fire exit in 2nd floor conservation studio.	Install directional signs above the door.		4
5.4.2	Fire Safety Signs / Notices	2nd floor gallery, no fire exit directional signage leading to the exit.	Install directional signs to show the escape route.		4

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5.4.3	Fire Safety Signs / Notices	Several fire doors identified did not have “Fire Door, Keep Shut” signs on them.	Install signage on fire doors identified in section 5.4.	N/A	4
5.4.3	Fire Safety Signs / Notices	Lifts on all floors had no signage stating, “do not use the lift in the event of a fire.”	Install signage on lift stating do not use the lift in the event of a fire.”		4
6.3.13 6.5.1	Instruction / Training	Fire drills have not been practised recently**.**	Carry out and record a fire drill.	N/A	3

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Appendices

Appendix 1: Use of Data

Power through Partnership.

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Appendix 1: Use of Data

Personally identifiable information (including sensitive personal data) which you supply to us may be used for a number of reasons, for example:

- in conducting our relationship with you
- arranging insurance
- providing advice on insurance or risk management matters.

We may pass the information to insurers, professional advisers, loss adjusters or agents for these and other lawful purposes or as required by law, including providing the information to government or regulatory authorities.

Our full privacy notice can be seen at www.hettleandrews.co.uk

Power through Partnership.

Appendix J - Lightning Protection Reports by PTSG

Certificate of Test and Inspection

PTSG PREMIER TECHNICAL SERVICES GROUP
Electrical Services Ltd

Certificate Ref	CERSTO320493
Customer	Allied London
Building Name	People's History Museum
Site Address	Peoples History Museum Left Bank Spinningfields Manchester Greater Manchester M3 3ER

PTSG Work Order Reference	WSTO293370
Client Purchase Order	SRV44589

Pass

System Type: Full System

The Structural Lightning Protection System has been tested in accordance with BS 6651 or BS EN 62305-3. The system is in a satisfactory condition.

Calibration certificates available on request

Tested by:(B) JAMIE MAXWELL	Equipment Meg:E8459815
Conditions: Dry	

Air Termination Network

Type	Aluminium;Metal Clad
Size	25mmx3mm Bare;25mmx3mm PVC
Mesh Size	Not Visible
Fixings	NMDC Clips
Fixing Type	Clamped
Bonding Type	Alu B Bond

Down Conductor Network

Material	Aluminium;Steel
Colour	Stone;White;Bare
Size	25 x 3mm PVC;Other
Fixings	Non Metallic
Spacing	20m
EQ Bond Fitted	Yes

Overall System Reading:1.884

Exception on high overall or individual reading(s): Earth's improved as far as practicable.

0 ohms = No Access, No Test or No Reading

EP No.	Resistance in Ohms	Any Comments	Ground Type	Type of Inspection Pit	Type of Electrode	Type of Test Clamp	Test Method
E1	35.5	-	Tarmac	None	Mat	Stainless Steel	Dead earth test
E2	34.8	-	Slabs	Concrete Furse	Unidentified	Oblong	Dead earth test
E3	4.97	-	Tarmac	Plastic Wallis	Mat	Oblong	Dead earth test
E4	133.2	-	Tarmac	Plastic Wallis	Mat	Oblong	Dead earth test
E5	85.2	-	Slabs	Plastic Wallis	Mat	Oblong	Dead earth test
E6	111.2	-	Slabs	Plastic Furse	Mat	Oblong	Dead earth test
E7	106.0	-	Slabs	Plastic Wallis	Mat	Oblong	Dead earth test
E8	63.5	-	Slabs	Plastic Wallis	Mat	Oblong	Dead earth test
E9	95.8	-	Slabs	None	Unidentified	Oblong	Dead earth test
E10	4.79	-	Slabs	None	Unidentified	Stainless Steel	Dead earth test

Date of Test:	23/04/2025	Certificate Valid Until:	22/04/2026
Next Inspection due:	22/03/2026	Test Engineer Name:	(B) JAMIE MAXWELL
Engineers Signature	[redacted]		

Lightning Protection Test and Inspect

Attendance Record

Work reference:	WSTO293370
Site:	Peoples History Museum
Date of attendance:	23/04/2025
Purchase order issued:	SRV44589

Engineer Name	(B) JAMIE MAXWELL
Engineers Signature	[redacted]

Site Representative	Mike Prescott
Site Representative Signature	

LIGHTNING PROTECTION CERTIFICATE OF INSPECTION & TEST REPORT

PTSG Electrical Services Ltd. 13-14 Flemming Court, Whistler Drive, Castleford,
West Yorkshire, WF10 5HW
Stoke Office: 01782 565797 Head Office: 01977 668771

Client	Allied London		
Site Name	Peoples History Museum	**Building Name**	People's History Museum
Address	Left Bank Spinningfields Manchester Greater Manchester M3 3ER		
PTSG Job Reference	WSTO293370	**Client Purchase Order**	SRV44589
Completion Date of Inspection	23/04/2025		
Engineer Name	(B) JAMIE MAXWELL	**Site Representative Name**	Mike Prescott
Engineer Signature	[redacted]	**Site Representative Signature**	

BUILDING INFORMATION			
Construction of Building	Steel Frame/Metal Clad	**Usage of Building**	Offices
Density	Suburban	**No. of Floors**	3
Type of Roof	Metal Clad;Tile/Slate;Concrete	**Dedicated roof Access**	Yes
Type of LPS	Faraday	**System Type**	Full System
Surge Protection	Yes	**Height of building (m)**	12
Existing Fire Protection	Manual	**Risk of Fire**	Ordinary
Location Relative to Surroundings	Surround by Objects of Similar Height		

INSPECTION PARAMETERS			
Test Set Number used	E8459815	**Weather Conditions**	Dry

AIR TERMINATION	**Repair Required**	No
Type	Aluminium;Metal Clad	
Size	25mmx3mm Bare;25mmx3mm PVC	
Mesh Size	Not Visible	
Fixings	NMDC Clips	
Fixing Type	Clamped	
Bonding Type	Alu B Bond	
Any Comments		

DOWN CONDUCTOR	**Repair Required**	Yes
Material	Aluminium;Steel	
Colour	Stone;White;Bare	
Size	25 x 3mm PVC;Other	
Fixings	Non Metallic	
Spacing	20m	
EQ Bond Fitted	Yes	
Any Comments		

EARTH POINTS	
Total number of earth points on the system	10
Ohms reading of each point should not be above	100
Ground Repairs required	No
Any exceptions to repair on earth point reading	Earth's improved as far as practicable.
Overall System Reading	1.884

0 ohms = No Access, No Test or No Reading – see provisional Certificate

EP No.	Resistance in Ohms	Any Comments	Ground Type	Type of Inspection Pit	Type of Electrode	Type of Test Clamp	Test Method
E1	35.5		Tarmac	None	Mat	Stainless Steel	Dead earth test
E2	34.8		Slabs	Concrete Furse	Unidentified	Oblong	Dead earth test
E3	4.97		Tarmac	Plastic Wallis	Mat	Oblong	Dead earth test
E4	133.2		Tarmac	Plastic Wallis	Mat	Oblong	Dead earth test
E5	85.2		Slabs	Plastic Wallis	Mat	Oblong	Dead earth test
E6	111.2		Slabs	Plastic Furse	Mat	Oblong	Dead earth test
E7	106.0		Slabs	Plastic Wallis	Mat	Oblong	Dead earth test
E8	63.5		Slabs	Plastic Wallis	Mat	Oblong	Dead earth test
E9	95.8		Slabs	None	Unidentified	Oblong	Dead earth test
E10	4.79		Slabs	None	Unidentified	Stainless Steel	Dead earth test

Provisional Certificate of Test and Inspection

PTSG PREMIER TECHNICAL SERVICES GROUP
Electrical Services Ltd

Certificate Ref	CERSTO320493
Customer	Allied London
Building Name	People's History Museum
Site Address	Peoples History Museum Left Bank Spinningfields Manchester Greater Manchester M3 3ER

Pass

Type: Full System

The Structural Lightning Protection System has been tested in accordance with BS 6651 or BS EN 62305-3. The system is in a satisfactory condition.

Calibration certificates available on request

Tested by:(B) JAMIE MAXWELL | Equipment Meg:E8459815

Conditions:Dry

Air Termination Network

Type	Aluminium;Metal Clad
Size	25mmx3mm Bare;25mmx3mm PVC
Mesh Size	Not Visible
Fixings	NMDC Clips
Fixing Type	Clamped
Bonding Type	Alu B Bond

Down Conductor Network

Material	Aluminium;Steel
Colour	Stone;White;Bare
Size	25 x 3mm PVC;Other
Fixings	Non Metallic
Spacing	20m
EQ Bond Fitted	Yes

Overall System Reading:1.884

Exception on high overall or individual reading(s): Earth's improved as far as practicable.

This is a provisional Certificate and is subject to amendment. The result is not confirmed until reviewed.
This certificate will be reviewed within 48 hours.
Once reviewed the signed certificate will be available immediately

0 ohms = No Access, No Test or No Reading

EP No.	Resistance in Ohms	Any Comments	Ground Type	Type of Inspection Pit	Type of Electrode	Type of Test Clamp	Test Method
E1	35.5	-	Tarmac	None	Mat	Stainless Steel	Dead earth test
E2	34.8	-	Slabs	Concrete Furse	Unidentified	Oblong	Dead earth test
E3	4.97	-	Tarmac	Plastic Wallis	Mat	Oblong	Dead earth test
E4	133.2	-	Tarmac	Plastic Wallis	Mat	Oblong	Dead earth test
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E6	111.2	-	Slabs	Plastic Furse	Mat	Oblong	Dead earth test
E7	106.0	-	Slabs	Plastic Wallis	Mat	Oblong	Dead earth test
E8	63.5	-	Slabs	Plastic Wallis	Mat	Oblong	Dead earth test
E9	95.8	-	Slabs	None	Unidentified	Oblong	Dead earth test
E10	4.79	-	Slabs	None	Unidentified	Stainless Steel	Dead earth test

Appendix K – Structural Report by Blackett-Ord Conservation Engineering

BLACKETT-ORD CONSERVATION ENGINEERING

Email: engineering@blackett-ordconservation.co.uk [redacted]

Site Inspection Report

Date of Visit: 14 August 2025

Project: The Peoples' Museum – Crane Hook **Job No:** B 75

Report No: 01 **Author:** CB-O **Check:**

Attendees:	Charles Blackett-Ord	Blackett-Ord Conservation Engineering
	Mike Prescott	Peoples' History Museum

1. Purpose of Visit

The purpose of the visit was to inspect the crane hook on the overhead travelling crane in the Engine Hall.

2. Access

The crane beam can be accessed using a temporary ladder. The beam itself has guarded walkways on both sides, giving access to the hoist mechanism.

3. Description

The travelling crane beam consists of two parallel wrought iron plate girders which span the Engine Hall and run on rails located on each wall. The crane hook and lifting mechanism run on rails located on top of the crane beam.

The capacity of the crane is not known but could be in the region of ten tonnes.

The crane, both lifting and travelling, is operated by hand through extensive reduction gears, and there is a drum brake and a locking pin. The cable drum supports the hook.

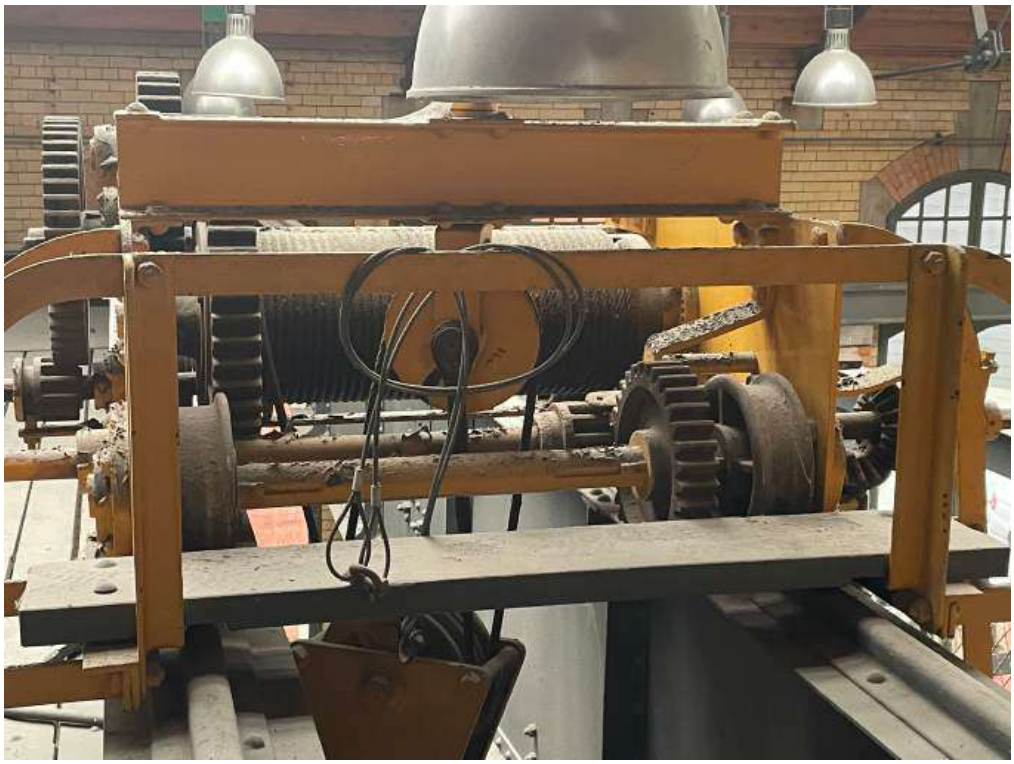
4. Conclusion

The crane hook is safe in its static position. The gearing is such that the hook cannot move downwards under its own weight, so the situation is safe.

It must be emphasised that this is not an assessment of the mechanism for use as a crane, for which a test would be required. However as a static support for banners etc the crane beam can be used safely.





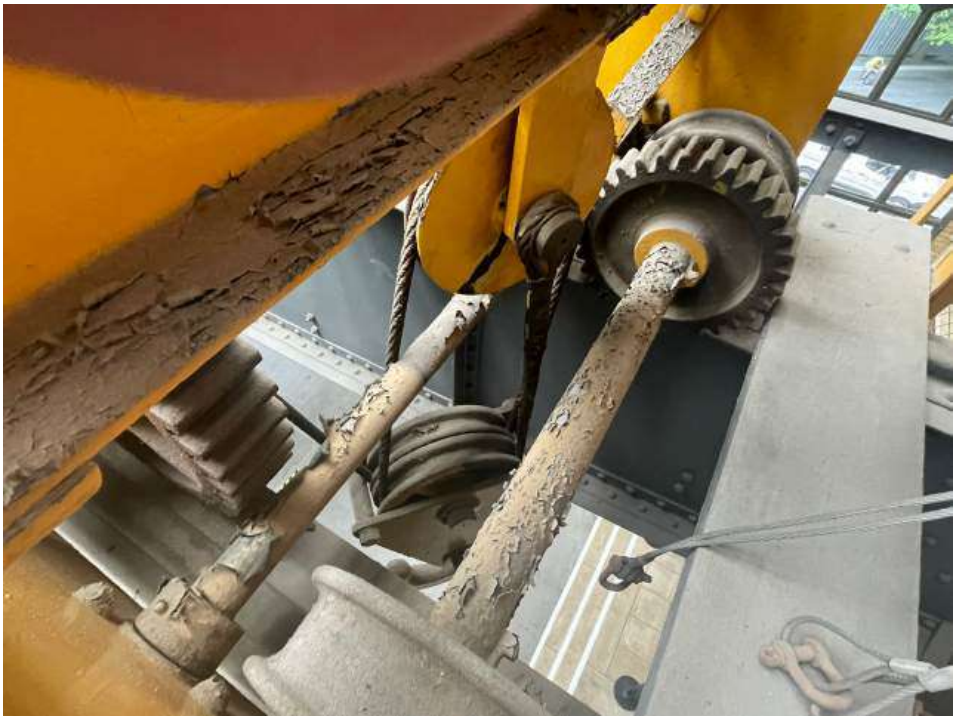


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