

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 001

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Timber (thin board)

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. Contains both original faces and one original end, possibly one very worn original edge. The other edge and the other end have been broken. No charring. Outer surface is stained with a black oily substance, probably from another deposit that contaminated the context.

Dimensions (mm)

Length: 280

Width: 21

Thickness: 14 (original)

Diameter:

Weight (g): 31

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Comparison analysis**Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Reciprocating saw marks on one face.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment (paint, etc.): White paint/limewash on half of the same face as the tool marks.

Other:

Interpretation:

Milled lumber. It appears to be a fragment of a thin board with white paint and reciprocating saw marks on one face. It is in worn condition, but not so heavily that the tool marks and paint were worn away. It retains its original thickness but none of the other dimensions. Could be structural (clapboard, etc.) but could also be from a box or other artifact.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 002

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Timber

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. Contains one original face. The other face, both ends, and both edges have been broken. No charring. Outer surface is stained with a black oily substance, probably part of another deposit within the context that contaminated the timber.

Dimensions (mm)

Length: 168

Width: 17

Thickness: 14

Diameter:

Weight (g): 10

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Circular saw marks on one face.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment (paint, etc.):

Other:

Interpretation:

Milled lumber with circular saw marks on one face. It is in worn condition, but not so heavily that the tool marks were worn away.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 003

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Timber

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. Contains both original faces, both original ends, and one original edge. The other edge is broken. No charring. Outer surface is stained with a black oily substance, probably part of another deposit within the context that contaminated the timber.

Dimensions (mm)

Length: 89

Width: 41

Thickness: 26

Diameter:

Weight (g): 50

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Hand saw marks on one edge.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment (paint, etc.):

Other: OTR wood ID nick on broken edge.

Interpretation:

Milled lumber with hand saw marks on one edge. It is in worn condition, but not so heavily worn that the tool marks were worn away. One edge appears to have been split pre-deposition since all six surfaces are stained with the same black oily substance. This specimen is a flat block of wood, probably an offcut since there is no evidence of fixings or other alterations, perhaps an offcut of a 1-inch thick board.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 004

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Structural timber (other)

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. Contains one original face. No charring. Outer surface is stained with a black oily substance, probably part of another deposit within the context that contaminated the timber.

Dimensions (mm)

Length: 140

Width: 25

Thickness: 9

Diameter:

Weight (g): 10

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Saw marks (possibly hand sawn) on one face.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment (paint, etc.):

Other: OTR wood ID nick on one face.

Interpretation:

Milled lumber. Saw marks (possibly from a hand saw) on the one original face. Worn but not so worn that the tool marks are not visible.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 005

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Structural timber (other)

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. Contains one original face, possibly an original end. No charring. Outer surface is stained with a black oily substance, probably part of another deposit within the context that contaminated the timber.

Dimensions (mm)

Length: 156

Width: 18

Thickness: 8

Diameter:

Weight (g): 10

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks:

Joints:

Fixings and fittings:

Intentional marks: Yes. One roughly semi-circular cut hole with square edges on the non-original edge.

Surface treatment (paint, etc.):

Other: OTR wood ID nick on one face.

Interpretation:

Milled lumber with a cut hole on one edge. Probably a nail hole (not drilled, and the edges of the hole are square). It looks like the timber split at the point of the nail hole pre-deposition.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 006

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Timber

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Very worn and deteriorated. Retains part of one original face with white substance on it. No charring. Outer surface is stained with a black oily substance, probably part of another deposit within the context that contaminated the timber. Appears incomplete, perhaps originally a flat circular shape.

Dimensions (mm)

Length: 146

Width: 38

Thickness: 11

Diameter:

Weight (g): 29

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis

Woodworking technology

Conversion method: Probably sawn.

Tool marks:

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment: White substance on one face, possibly paint or limewash, possibly other residue.

Other:

Interpretation:

Milled lumber. Appears originally to have been a flat circular or semi-circular shape, but is much deteriorated/worn. Perhaps the bottom of a wooden barrel. Could be measured on a circumference chart to get an idea of the possible size of the vessel.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 007

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Timber, possibly a chopstick

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. The timber appears relatively complete with the original dimensions discernible but with parts of the original surfaces worn away, retaining a small portion of the original surfaces of both faces, both edges, and one end. No charring. Outer surface is stained with a black oily substance with a small amount of concretion attached, probably from another deposit within the context.

Dimensions (mm)

Length: 159

Width: 7

Thickness: 7

Diameter:

Weight (g): 4

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method:

Tool marks:

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one face at intact edge.

Interpretation:

The artifact is a thin piece of worked wood over 6 inches long with squared sides. It appears to taper down to the broken end. Resembles a chopstick.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 008

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Timber, possibly a chopstick

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. The timber appears relatively complete, retaining the original dimensions (except perhaps the tip of one end) and most of the original surfaces. No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 172

Width: 7

Thickness: 7

Diameter:

Weight (g): 4

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method:

Tool marks:

Joints:

Fixings and fittings: Small round lump of metal attached to one face; could be a pinhead for a pin stuck in the artifact or could be a concretion attached to the surface.

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one end.

Interpretation:

The artifact is a thin piece of worked wood over 6 inches long with squared sides. It appears to taper down to the broken end. Resembles a chopstick.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 009

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Offcut

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):
Worn. The timber appears relatively complete, retaining the original dimensions and the original surfaces. No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 113

Width: 24

Thickness: 5

Diameter:

Weight (g): 8

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Reciprocating saw marks with a characteristic nick on one edge of the timber.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

Probable offcut of a lath. The reciprocating saw marks have a characteristic nick in the marks so it might be possible to match them up with similar marks.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 010

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Offcut

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. The timber appears relatively complete, retaining the original dimensions and the original surfaces. No charring. Outer surface is stained with a black oily substance and has a soil-like substance sticking to parts of it, probably from another deposit within the context.

Dimensions (mm)

Length: 115

Width: 27

Thickness: 7

Diameter:

Weight (g): 13

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Reciprocating saw marks with a characteristic nick on one edge of the timber.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

Probable offcut of a lath. The reciprocating saw marks have a characteristic nick in the marks so it might be possible to match them up with similar marks.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 011

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Offcut

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. The timber appears relatively complete, retaining the original dimensions and the original surfaces. No charring. Outer surface is stained with a black oily substance and has a soil-like substance sticking to parts of both faces, probably from another deposit within the context.

Dimensions (mm)

Length: 56

Width: 23

Thickness.: 25

Diameter:

Weight (g): 19

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Faint tool marks on one edge.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

Offcut of a relatively square, chunky timber (of a similar shape as a chair leg).

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 012

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Structural timber (other)

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. The timber appears relatively complete except for one broken end, retaining the approximate original width and thickness and part of the original surfaces. No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 213

Width: 24

Thickness: 24

Diameter:

Weight (g): 47

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Hand saw marks on one face.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

A relatively square, chunky timber with a shape similar to a chair leg. Resembles the offcut OTR o11 but due to slight differences in the dimensions they do not seem to be made from the same piece of wood. Hand saw marks on one face.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 013

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Offcut of board

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. The timber is incomplete, with one original face and end and possibly an original edge and the other end. No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 45

Width: 75

Thickness.: 22

Diameter:

Weight (g): 21

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks:

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

Offcut of a board. The original width and thickness do not survive, but it is possible that the length is original (one end is cut and the other is possibly the original uneven surface).

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 014

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Offcut of board

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. The timber is incomplete, with one original face and one end. No charring.

Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 74

Width: 111

Thickness.: 20

Diameter:

Weight (g): 42

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks:

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

Offcut of a 4"-wide board. The original thickness does not survive, but it is possible that the length is original (one end is cut and the other is possibly the original uneven surface).

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 015

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Panel

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. The timber appears relatively complete, retaining both faces, one edge, and possibly edges. No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 53

Width: 33

Thickness: 3

Diameter:

Weight (g): 4

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Circular saw marks on one face.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

Very thin, delicate piece of timber with circular saw marks.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 016

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Board (1/2")

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. The timber retains the original thickness of 1/2", the original faces, and one end, but not the original length or width. No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 189

Width: 9

Thickness: 13

Diameter:

Weight (g): 10

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks:

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment: Both faces have been smoothed with a mechanical plane.

Other: OTR wood ID nick on one surface.

Interpretation:

A split from a 1/2" board. Both faces have been smoothed but the timber is too thin to use for a floorboard.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 017

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Board

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):
Worn. The timber retains only one original face, with all 3 original dimensions indeterminate. No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 157

Width: 30

Thickness: 17

Diameter:

Weight (g): 26

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Reciprocating saw marks on one surface of the timber.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

Piece of a board, too thick for ½" but could be any other thickness. Rough surface.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 018

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Splinter

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. The timber retains one end (made by a diagonal cut), one face with tool marks, possibly one edge, and possibly one other surface (smoothed or split). No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 88

Width: 12

Thickness: 3

Diameter:

Weight (g): 2

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method:

Tool marks: Yes. Reciprocating saw marks on one face of the timber.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

Splinter from larger timber with reciprocating saw marks on one face.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 019

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Splinter

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. The timber retains one original end, one original surface with tool marks, and possibly both edges. No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 161

Width: 12

Thickness: 5

Diameter:

Weight (g): 5

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Reciprocating saw marks with a characteristic nick on one face of the timber.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

Splinter from a larger timber. The reciprocating saw marks have a characteristic nick in the marks so it might be possible to match them up with similar marks.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 020

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Structural timber, other

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. Timber was found in two pieces and cross mended. The cross-mended timber appears relatively complete, retaining the original surfaces (except for possibly the length). No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 273

Width: 13

Thickness.: 10

Diameter:

Weight (g): 18

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks:

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

Milled lumber. Unclear what the function is of this artifact, although it is possible that it was part of a non-structural object. It is 1/2" wide, 3/8" thick, and 10 7/8" long.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 021

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Structural timber, other

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. The timber retains the original faces, one end, and one edge. No charring.

Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 84

Width: 14

Thickness: 7

Diameter:

Weight (g): 4

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Reciprocating saw marks with a characteristic nick on one face of the timber.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

Milled lumber with reciprocating saw marks, missing the width so it is difficult to tell what it is.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 022

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Structural timber, other

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):
Worn. The timber retains the original faces and edges but no ends. No charring.
Outer surface is stained with a black oily substance, probably from another
deposit within the context.

Dimensions (mm)

Length: 85

Width: 13

Thickness.: 4 to 7

Diameter:

Weight (g): 2

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Two different kinds of reciprocating saw marks, one on the edges and one on the face.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

Milled lumber with reciprocating saw marks on three surfaces.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 023

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Structural timber, other

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn. The timber retains one original face and one edge that is chamfered, giving it a roughly curved shape. No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 149

Width: 12

Thickness: 6

Diameter:

Weight (g): 2

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Comparison analysis

Woodworking technology

Conversion method:

Tool marks:

Joints:

Fixings and fittings: Probable staining from a metal band on surface of timber near one end.

Intentional marks: Chamfered edge.

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

The timber appears to be chamfered on one edge; one possible interpretation is that it was chamfered to overlap with an adjoining timber and the metal band held the multiple pieces in place.

Comparison: compare to other specimens with metal bands.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 024

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Structural timber

Species ID: *Thuja plicata*

Condition (completeness, wear, damage, charring):
Worn. The timber retains one end, two faces, and the original thickness. No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 78

Width: 8

Thickness: 10

Diameter:

Weight (g): 3

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Mechanical saw marks on both faces of the timber.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

Milled lumber with mechanical saw marks on both faces.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 025

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-148

Feature type: Wooden structure

Artifact type: Structural timber, other

Species ID: *Pseudotsuga menziesii*

Condition (completeness, wear, damage, charring):
Worn. The timber retains two faces and an edge, preserving the original thickness. No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 158

Width: 12

Thickness: 9

Diameter:

Weight (g): 8

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Saw marks on one face of the timber.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: OTR wood ID nick on one surface.

Interpretation:

Milled lumber with saw marks on one face.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 026

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-22

Feature type: Wooden structure

Artifact type: Non-structural

Species ID: Ebony

Condition (completeness, wear, damage, charring):
Worn. Incomplete. The timber retains portions of both original faces, both ends, and an edge. No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 114

Width: 32

Thickness: 3

Diameter:

Weight (g): 6

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: 2 puncture marks made by a very fine chisel on one face.

Joints:

Fixings and fittings:

Intentional marks: 3 parallel scribe marks and 1 diagonal scribe mark on one face. All probably made by the edge of a very fine chisel or a scribing stylus cutting across the grain of the wood.

Surface treatment: Small section of white pigment in the pores of the wood on one face near the chamfered end; appears to be post-depositional, probably post-excavation, possibly chalk.

Other: Groove on one face, chamfered end.

Interpretation:

A very thin piece of fine boarding/thick paneling. A shallow groove runs the length of one face next to the edge. One of the ends has a chamfered surface.

This piece was constructed using fine woodworking techniques. It is possibly part of an ebony box, with the groove being a rabbet designed to hold a sliding lid or the bottom of the box and the chamfered end being a mitre joint where the other side of the box would have connected to this piece.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 027

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-22

Feature type: Wooden structure

Artifact type: Non-structural, possibly a barrel bottom

Species ID: White oak

Condition (completeness, wear, damage, charring):
Worn. Incomplete. The timber retains portions of both original faces and part of the curved edge. No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 145

Width: 66

Thickness.: 10

Diameter:

Weight (g): 41

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks:

Joints:

Fixings and fittings:

Intentional marks: Incised mark on one face, along with several post-depositional scratches.

Surface treatment: Has remains of possible whitewash or paint on the other face.

Other:

Interpretation:

Rounded edge, perhaps part of an originally circular object. Possibly a barrel bottom.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 028

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-22

Feature type: Wooden structure

Artifact type: Structural

Species ID: White oak

Condition (completeness, wear, damage, charring):
Worn. Incomplete. The timber retains both original faces and possibly an edge and both ends. No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 160

Width: 34

Thickness.: 11

Diameter:

Weight (g): 31

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks:

Joints:

Fixings and fittings: At least two small nails are embedded in a parallel fashion on the non-painted face, with signs of one, possibly two, additional nail holes nearby.

Intentional marks:

Surface treatment: Has remains of possible whitewash/paint/accretions on one face.

Other: Timber was cut for species ID by Harry Alden.

Interpretation:

Unclear if this is a structural or non-structural timber. It is one of the few examples of white oak wood in the entire assemblage. What remains is 6 1/8" long and 3/8" thick, possibly the original dimensions except for the width. The nails are small and delicate. It might be a small board.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 029

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-22

Feature type: Wooden structure

Artifact type: Structural, possible board frag

Species ID: Sequoia

Condition (completeness, wear, damage, charring):

Worn. Incomplete. The timber retains portions of one face, one end, and one edge. No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 142

Width: 14

Thickness: 15

Diameter:

Weight (g): 9

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Saw marks on one edge.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other:

Interpretation:

Possibly piece of a board with tool marks on one edge.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 030

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/13-22

Feature type: Wooden structure

Artifact type: Structural, possible board frag

Species ID: Sequoia

Condition (completeness, wear, damage, charring):

Worn. Incomplete. The timber retains portions of one surface with tool marks.

No charring. Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 139

Width: 13

Thickness: 13

Diameter:

Weight (g): 9

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Saw marks on one surface.

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other:

Interpretation:

Possibly piece of a board with tool marks on one surface.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 031

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/2-94

Feature type: Unlined trash pit

Artifact type: Board

Species ID: Sequoia

Condition (completeness, wear, damage, charring):
Incomplete but no charring. One end, one edge, and both faces survive, making the complete width of 6/8" determinable.

Dimensions (mm)

Length: 290

Width: 35

Thickness: 21

Diameter:

Weight (g): 95

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks: Yes. Reciprocating tool marks on one edge. Both of the faces have been smoothed, with plane marks on one face and reciprocating saw marks on the other. Hammer mark on face smoothed by the reciprocating saw.

Joints:

Fixings and fittings: Nail hole next to the hammer mark.

Intentional marks:

Surface treatment: No paint or whitewash (the white staining on one face is mud).

Other:

Interpretation:

Timber board with a width of 6/8 of an inch. One edge has been roughly sawn with a reciprocating saw, one face has been finely sawn with a reciprocating saw to make a smooth face, and the other face has been planed to make an even smoother face. This last face appears uneroded and unworn, albeit with a few scrapes that may be post-depositional. There is a hammer mark on the face smoothed with the reciprocating saw and a nail hole showing that a nail was driven into this face, which seems unusual, since the second-smoothest face, not the smoothest face, would then be on the outside, public face of the structure. Possibly a clapboard but not a floorboard because of lack of wear.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 032

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/4-207

Feature type: Unlined trash pit

Artifact type: Non-structural, possibly a ball

Species ID: Ebony

Condition (completeness, wear, damage, charring):

Very worn. Incomplete but no charring. Approximately half of the original round object remains, including an intact diameter.

Dimensions (mm)

Length:

Width:

Thickness: 45

Diameter: 99

Weight (g): 289

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method:

Tool marks:

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other:

Interpretation:

A semi-spherical ebony object with the grain running from top to bottom. It was originally a round object, very heavy for its size. Possibly a ball, such those used in the game of lawn bowls. Although we initially thought it might be a ball cap finial for a newel post, there is no sign of a joint for slotting it into another piece of wood, which would be evident on what is left of the specimen had it existed (to ensure that a joint is strong enough the wood would have been cut with the grain and that portion of the surface still survives).

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 033

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/18-451

Feature type: Wood-lined pit

Artifact type: Board

Species ID: Sequoia

Condition (completeness, wear, damage, charring):
Incomplete, very eroded, but no charring. No original surfaces survive, although it was at least 3 ½" wide.

Dimensions (mm)

Length: 168

Width: 95

Thickness: 17

Diameter:

Weight (g): 85

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks:

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other:

Interpretation:

Timber board with a width of at least 3 ½".

This piece was subjected to dendrochronological sampling. The timber was cut in half and one edge was sanded to view the rings. The timber had fewer than 50 annual rings and thus was unsuitable for dendrochronology.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 034

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/18-451

Feature type: Wood-lined pit

Artifact type: Offcut of a 1" timber board

Species ID: Sequoia

Condition (completeness, wear, damage, charring):
Incomplete, very eroded, but no charring. Both faces and both edges survive.
Outer surface is stained with a black oily substance, probably from another deposit within the context.

Dimensions (mm)

Length: 115

Width: 25

Thickness: 21

Diameter:

Weight (g): 33

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks:

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other:

Interpretation:

Offcut of a 1" timber board.

This piece was subjected to dendrochronological sampling. One face was polished to view the rings. Although it contained the minimum number of rings for dendrochronological testing, the results were inconclusive.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 035

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/18-451

Feature type: Wood-lined pit

Artifact type: Non-structural, poss. domino

Species ID: Ebony

Condition (completeness, wear, damage, charring):
Incomplete, very worn, and charred. Although partially eroded, portions of both faces, both edges, and one end survive.

Dimensions (mm)

Length: 43

Width: 18

Thickness: 5

Diameter:

Weight (g): 2

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method:

Tool marks:

Joints:

Fixings and fittings:

Intentional marks: Small depression visible in one end.

Surface treatment:

Other:

Interpretation:

Possible domino, although very eroded and charred. No markings are visible on either surface but a small depression is visible on one end, consistent with the other dominoes in the assemblage.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 036

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/14-210

Feature type: Wood-lined pit

Artifact type: Non-structural

Species ID: Ebony

Condition (completeness, wear, damage, charring):
Worn. Incomplete. The timber retains portions of both original faces (one smooth), an edge, and possibly a chamfered end. No charring.

Dimensions (mm)

Length: 76

Width: 23

Thickness.: 6

Diameter:

Weight (g): 5

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks:

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: Groove on one face, possibly chamfered end.

Interpretation:

A thin piece of timber, very deteriorated. A shallow groove runs the length of one face next to the edge. One of the ends has a possibly chamfered surface.

This piece was constructed using fine woodworking techniques. It is possibly part of an ebony box, with the groove being a rabbet designed to hold a sliding lid or the bottom of the box and the chamfered end being a mitre joint where the other side of the box would have connected to this piece.

It is similar in construction to OTR 026 but a bit sturdier.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 037

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/17-164

Feature type: Wood-lined trash pit

Artifact type: Non-structural

Species ID: *Pseudotsuga menziesii*

Condition (completeness, wear, damage, charring):
Worn. Incomplete. The timber retains portions of one original face, both edges,
and one edge, which is notched. No charring.

Dimensions (mm)

Length: 120

Width: 47

Thickness: 14

Diameter:

Weight (g): 13

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method:

Tool marks:

Joints: The intact end is notched to make a pin socket for a dovetail joint.

Fixings and fittings:

Intentional marks:

Surface treatment: Remains of paint or whitewash on one of the edges.

Other:

Interpretation:

The tail piece of a crude dovetail joint with an intact pin socket. The socket measures 16 mm x 16 mm. This specimen would have been part of a wooden object that needed a strong corner, such as a sturdy box or a piece of furniture.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 038

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/17-164

Feature type: Wood-lined trash pit

Artifact type: Non-structural

Species ID: Ebony

Condition (completeness, wear, damage, charring):
Worn and incomplete. Although decayed, the timber retains portions of both faces, one edge, and both ends. It has split lengthwise but retains the approximate original length and thickness. No charring.

Dimensions (mm)

Length: 51

Width: 10

Thickness: 6

Diameter:

Weight (g): 2

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method:

Tool marks:

Joints:

Fixings and fittings:

Intentional marks: Six small depressions running along the length.

Surface treatment: Remains of white paint in two of the depressions.

Other:

Interpretation:

Partial domino. The timber has split lengthwise but retains the approximate original length and thickness. Six small depressions, two with the remains of white paint in them, run along its length, indicating that it was a double-six domino.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 039

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/9-179

Feature type: Wood-lined trash pit

Artifact type: Non-structural

Species ID: Unidentified

Condition (completeness, wear, damage, charring):
Worn. The timber retains possibly all original surfaces but appears to be part of some larger piece. No charring.

Dimensions (mm)

Length: 23

Width: 9

Thickness.: 15

Diameter:

Weight (g): 1

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method:

Tool marks:

Joints:

Fixings and fittings: 1 small nail /pin fixed into one edge.

Intentional marks:

Surface treatment:

Other:

Interpretation:

Very small piece of wood with an unusual shape. Both faces are chamfered meeting in a ridge on one edge, and a small/nail pin is fixed into the other edge. Intentional cuts on both ends.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 040

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/9-149

Feature type: Wood-lined trash pit

Artifact type: Non-structural

Species ID: Thuja plicata

Condition (completeness, wear, damage, charring):
Worn and deteriorated. Four similar looking pieces, perhaps making one broken timber. All the pieces are incomplete. No charring.

Dimensions (mm)

For the longest piece:

Length: 231

Radius: 30

Weight (g): 56

Total weight of all 4 pieces: 83

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method:

Tool marks:

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other: Wear mark like a collar around the surface.

Interpretation:

Four similar-looking pieces that might be part of one broken, pole-shaped timber. The largest piece is more than 9" long (incomplete length) and has a long tapered end that starts to taper 3 ½" from the end. Where the taper starts there are signs of wear like a collar around the surface, suggesting that it was attached to something, possibly a tool such as a broom or a rake.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 041

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/9-149

Feature type: Wood-lined trash pit

Artifact type: Structural

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn and incomplete. One surface, one end, and one edge survive. The timber is stained with a dark substance and possibly charred.

Dimensions (mm)

Length: 325

Width: 129

Thickness.: 24

Diameter:

Weight (g): 247

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method:

Tool marks:

Joints:

Fixings and fittings: A nail is embedded on each end.

Intentional marks:

Surface treatment: Paint/whitewash on the surviving face.

Other:

Interpretation:

Board. Although all of the original dimensions are incomplete, what survives is over 12" long, 5" wide, and 1" thick. The nails on either end suggest that it might have been a wallboard or a decking board.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 042

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/9-149

Feature type: Wood-lined trash pit

Artifact type: Structural

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn and incomplete. Only one original face survives. The timber is possibly charred on one end. None of the original dimensions are intact, but what survives is over 14" long, nearly 1 1/2" wide, and 3" thick.

Dimensions (mm)

Length: 140

Width: 36

Thickness.: 72

Diameter:

Weight (g): 181

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method:

Tool marks:

Joints:

Fixings and fittings: 3 nails are embedded in the timber.

Intentional marks:

Surface treatment:

Other:

Interpretation:

Post or beam for a building or the structure for a pit lining. None of the original dimensions are intact, but what survives is over 14" long, nearly 1 1/2" wide, and 3" thick. Three nails are embedded in the timber.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 043

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/9-149

Feature type: Wood-lined trash pit

Artifact type: Structural

Species ID: Sequoia sempervirens

Condition (completeness, wear, damage, charring):

Worn and incomplete. Only one badly eroded edge survives. The timber is possibly charred. No original dimensions intact, but what does survive is over 3" thick.

Dimensions (mm)

Length: 168

Width: 38

Thickness.: 81

Diameter:

Weight (g): 123

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method:

Tool marks:

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other:

Interpretation:

Post or beam for a building or the structure for a pit lining. None of the original dimensions are intact, but what survives is over 3" thick.

Oxford Tree-Ring Laboratory Wood Recording Sheet

OTR sample no: 054

Site name: Market Street Chinatown Archaeological Project

Context no: 86-36/5-1700

Feature type: Wood-lined pit

Artifact type: Structural timber (board)

Species ID: Sequoia

Condition (completeness, wear, damage, charring):
Incomplete, very eroded, but no charring. Both faces, one edge (and possibly a portion of the other edge), and one end survive.

Dimensions (mm)

Length: 215

Width: 109

Thickness: 16

Diameter:

Weight (g): 123

Natural features/insect damage:

Further research potential: Dendrochronology Tool mark analysis Use wear analysis **Woodworking technology**

Conversion method: Sawn.

Tool marks:

Joints:

Fixings and fittings:

Intentional marks:

Surface treatment:

Other:

Interpretation:

Timber board. The faces, edges, and ends are very eroded and the sample is broken lengthwise, but the original thickness of 1" and a minimum width of 4 ¼" remain.

This piece was subjected to dendrochronological sampling. One end was cut and the cut surfaces were polished to view the rings. Once the cut surfaces were polished it was apparent that the rings ran down the sample rather than across it, resulting in only 10-15 annual rings being present in the specimen. Because the sample did not contain the minimum number of 50 rings necessary for matching against established chronologies, it was unsuitable for dendrochronological analysis.