

# IOWA STATE UNIVERSITY

OF SCIENCE AND TECHNOLOGY

Preservation Department

## CONSERVATION CONDITION REPORT AND TREATMENT PROPOSAL

**Date received:** 1/8/2014 (received by Melissa Tedone)

**Date of report:** 9/23/2016

**Conservator:** Sofia (Sonya) Barron

**Call Number:** RS 13/6/53

**Barcode/Bib Record:** -

**Title:** Photograph

**Collection:** Archives

**Curator/Archivist:** Amy Bishop

**Author/Creator:** -

**Imprint/Date of creation:** -

**Format:** flat photograph on backing board

**Materials:** silver gelatin emulsion, paper, graphite

**Dimensions:** **H** 28.4cm x **W** 47.8cm

**Notes:** Untitled photograph on backboard with inscription on the backing board "Ron Utecht? 1925-1930". On verso of the photograph, in graphite: "for Chemistry Department, Iowa State College, Ames, Iowa."

## CONDITION REPORT

### Description

Black and white silver gelatin photograph on heavy paper support. Adhered to white backboard with heavy application of masking on recto along all four edges of the photograph.

### Condition

Photograph is split in two vertically by a tear. There are multiple significant tears and a large loss (approximately 3cm x 3.5cm) along the top edge. There are minor tears and losses along the right edge. There are losses in the emulsion layer along the edges of the tears. There are 2 small loose fragments of paper with emulsion layer associated with the photograph. The masking tape is brittle and breaks when handled. There are remnants of yellowish, desiccated adhesive residue left on the photograph where tape was attached. The verso of the photograph is soiled and stained.

## TREATMENT PROPOSAL

1. Remove tape. Reduce adhesive residue mechanically. Discard backing board.
2. Surface clean the verso of the photograph with vulcanized rubber sponges.
3. Humidify and flatten between boards.
4. Mend from the verso. Fill losses with toned Japanese tissue. Reattach the 2 loose fragments.
5. Consolidate fragments of the emulsion layer with gelatin.
6. Encapsulate.

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Estimated hours: 25

Photos on file: BT, AT

Curatorial Approval Signature: \_\_\_\_\_

Date signed: \_\_\_\_\_

# IOWA STATE UNIVERSITY

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## CONSERVATION TREATMENT REPORT

**Date received:** 1/8/2014 (received by Melissa Tedone)

**Date of report:** 2/6/2017

**Conservator:** Sofia (Sonya) Barron

**Call Number:** RS 13/6/53

**Title:** Photograph

**Collection:** Archives

**Curator/Archivist:** Amy Bishop

**Format:** flat photograph

**Materials:** silver gelatin emulsion, heavy weight paper, graphite

**Dimensions:** H 28.1cm x W 48.4cm

**Notes:** Untitled photograph on backboard with inscription on the backing board "Ron Utecht? 1925-1930". On verso of the photograph, in graphite: "for Chemistry Department, Iowa State College, Ames, Iowa."

## TREATMENT REPORT

1. Removed pressure sensitive 'masking' tape with the aid of a heated spatula. Reduced adhesive residue mechanically with the aid of a crepe eraser. Removed photo from the backing board. Discarded backing board.
2. Surface cleaned the verso of the photograph with vulcanized rubber sponges.
3. Humidified the photograph in a humidity chamber; flattened between blotters and boards.
4. Mended tears from the verso with light weight Japanese tissue using paste. Reattached loose fragments of the emulsion with a 4% solution of photographic grade gelatin.
5. Fills: laminated three layers of medium weight Japanese tissue using paste and toned the laminated tissue with diluted acrylic pigments. Reattached the two loose fragments of the photograph with paste.
6. Consolidate cracks and gaps in the emulsion layer with a 4% solution of gelatin.
7. Encapsulated in a 3ml Mylar L-sleeve. Inserted a sheet of 20pt board into the sleeve behind the photograph in order to provide extra support.
8. In order to keep the inscription on the verso visible, made a digital scan of the verso of the photograph and printed it out on archival paper. Inserted the printout into the L-sleeve behind the backing board, so that the information can be readily accessible without having to take the photograph out of the sleeve.

### Materials used:

9g Tengucho machine-made tissue (Hiromi); Usu Mino tissue (HP-02, 15g, Hiromi); Zen Shofu wheat starch paste; photographic grade gelatin (Talas); diluted Liquitex acrylic pigments, 20pt board, 3ml Mylar, archival printer paper.

Hours spent: 20

Photos on file: BT, AT

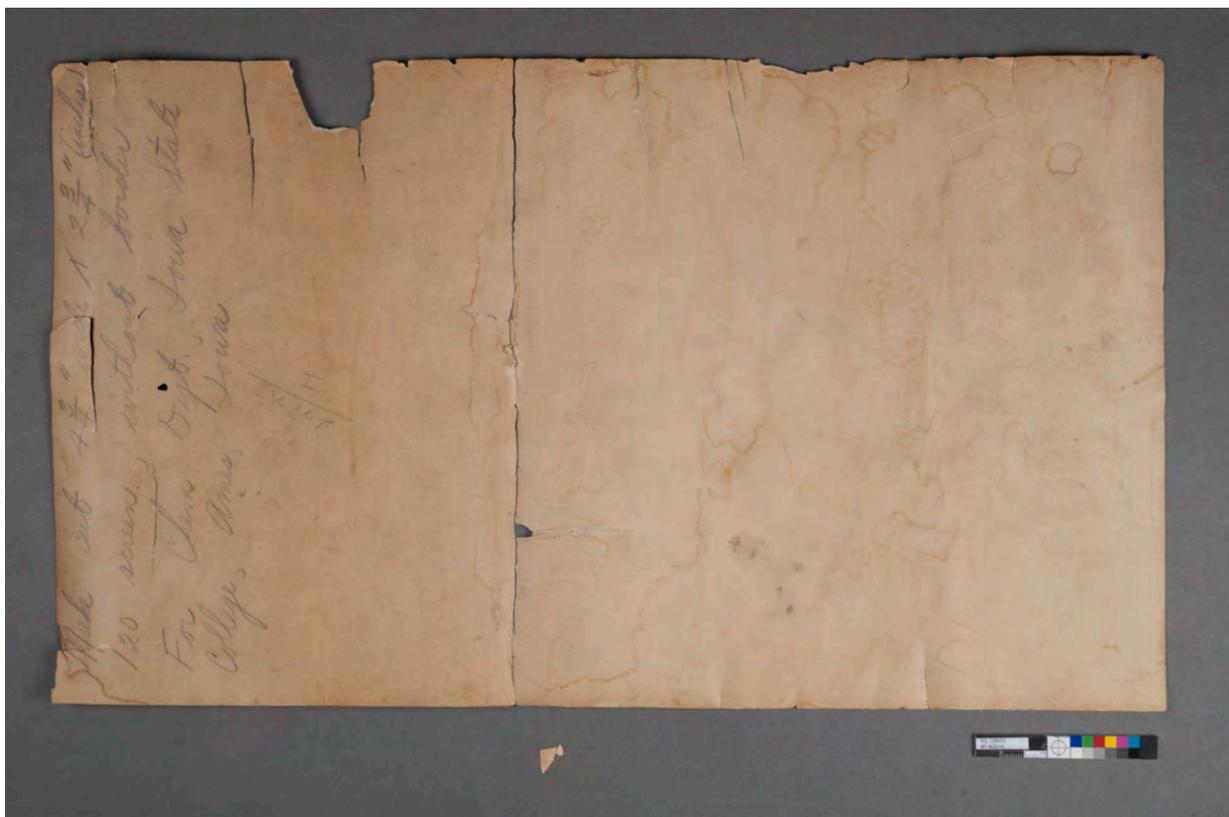
Curatorial Approval Signature: \_\_\_\_\_

Date signed: \_\_\_\_\_

Before Treatment



Recto



Verso

After Treatment



Recto



Verso