

INSPECTION
OF
FORT DES MOINES
BUILDINGS
FOR
BLANK PARK ZOO

DECEMBER 15, 1994

I hereby certify that this engineering study was prepared by me,
and that I am a duly registered engineer under the laws of the
State of Iowa.

Mark A. Henderson 12.15.94
Mark A. Henderson, P.E. Date
Iowa Reg. No. 12547
My Registration Renewal is January 1, 1995

TABLE OF CONTENTS

	<u>PAGE</u>
INTRODUCTION	1
PURPOSE AND SCOPE	1
BUILDING NO. 122	2 - 4
BUILDING NO. 123	5 - 6
BUILDING NO. 126	7 - 10
BUILDING NO. 127	11 - 14
BUILDING NO. 137	15 - 17
BUILDING NO. 138	18 - 21
BUILDING NO. 139	22 - 25
BUILDING NO. 308	26 - 29
BUILDING NO. 309	30 - 33

APPENDIX

LOCATION MAP DENOTING BUILDINGS

**INSPECTION
OF
FORT DES MOINES
BUILDINGS
FOR
BLANK PARK ZOO**

1. INTRODUCTION

This report describes the results of the field inspections for nine buildings located at Fort Des Moines. The buildings were inspected at the request of the City of Des Moines in order to determine the feasibility of remodeling them for use by Blank Park Zoo. The buildings were inspected on November 17, November 22, and December 12, 1994 by Mark A. Henderson, P.E. and Brian Walters of Shuck-Britson Inc.. Access to each of the buildings was provided by Gary Bianchi, Fort Des Moines Base Engineer.

2. PURPOSE AND SCOPE

The building inspections were of visual nature. They are intended to determine the general structural condition of the buildings, and are not intended to be in-depth engineering studies. This report is not intended to determine the economic feasibility of remodelling the buildings, nor is intended to give preliminary cost estimates to remodel the buildings.

The inspections did not include the electrical or mechanical systems of the buildings, and did not include inspection for the presence of termites or termite damage. At the time of the inspections, the electrical and mechanical systems of the buildings were not functioning. With the exception of Building No. 139, all of the building openings were boarded shut with plywood, thus requiring flashlights to inspect the structural components of the building.

Included in this report is an inspection report for each building. Also included are photographs of each building. It was not possible to get photographs of the inside of many of the buildings due to lack of light. A map showing the location of each of the buildings has also been included in the appendix.