

CONTENTS

	FIGURES	ix		Construction Process	74
	TABLES	xii		Impact of Environment on Design	79
	PREFACE	xiii		Cave Dwelling Architecture	85
	ACKNOWLEDGMENTS	xvii			
			FIVE	STRUCTURAL AND ENVIRONMENTAL CONSTRAINTS	109
ONE	INTRODUCTION: EVOLUTION OF THE CHINESE CAVE DWELLINGS	1		Environmental Constraints	109
				Design Problems	115
				Maintenance	123
TWO	REGIONAL ENVIRONMENTAL DETERMINANTS	10		Thermal Performance	123
	Physical Features	10		Human Health Issues	125
	Impact of the Loess Soil	14			
	Climate Pattern	29	SIX	CONCLUSIONS	127
	The Region's River System	38		Advantages and Disadvantages	128
				Solutions for Indigenous Design	129
				Contributions of Belowground Space to Modern Urban Design	144
THREE	DISTRIBUTION OF CAVE DWELLINGS AND DWELLERS	41		Conclusions	154
	Distribution of Cave Dwellings	41			
	Distribution of Cave Dwellers	42		APPENDIXES	155
	The Provinces and Their Cave Dwellings	44		BIBLIOGRAPHY	159
				CREDITS	174
FOUR	DESIGN OF CAVE DWELLINGS	66		INDEX	175
	Types of Cave Dwellings	66			
	Site Selection Criteria	74			

