

Contents

<i>Preface</i>	<i>xi</i>
<i>Acknowledgments</i>	<i>xiii</i>
1. <i>Introduction</i>	3
Distribution of Planned Inka Settlements	3
Characteristics of Inka Architecture	5
Fine Masonry	12
<i>Kancha</i>	16
<i>Kallanka</i>	18
Origins of Inka Architecture	19
Chronological Considerations during the Inka Period	25
The Evidence for Planning	27
2. <i>Cuzco</i>	29
Preimperial Cuzco	30
The Rebuilding of Cuzco	32
The Location	34
The Central Sector	37
The Intermediate Zone	48
The Surrounding Districts	48
Beyond the Ring of Districts	49
Saqsawaman	51
The Roads of Cuzco	57
Astronomical Towers	61
The Population of Cuzco	62
The <i>Zeque</i> System	65
3. <i>The Center</i>	69
<i>Ushnu</i> Defined	69
The <i>Ushnu</i> Platform as a State Symbol	70

The Origin of <i>Ushnu</i>	72
The Distribution and Appearance of <i>Ushnu</i>	73
<i>Ushnu</i> Platforms within Plazas	86
The Centrality of <i>Ushnu</i>	99
Summary	100
4. <i>Rocks and Outcrops</i>	102
Carved or Uncarved	103
Historical Evidence for the Symbolic Content of Stones	106
Sacred Stones in Cuzco	107
Stones and Architecture in the Cuzco Area	108
Important Stones Removed from but Part of Settlements	114
Important Boulders and Outcrops throughout Tawantinsuyu	117
Settlements without Important Stones	125
Stone as a Criterion for Settlement Location	125
Stones and Site Design	127
Summary	128
5. <i>Water</i>	129
Utilitarian Water Management	130
Baths and Fountains	132
Fine Water Systems in Cuzco-Area Sites	133
Water Systems throughout Tawantinsuyu	137
Water and the Social Structure of Settlements	143
Summary	145
6. <i>Military Settlements</i>	146
Inka Warfare	146
Resettlement as a Military and Governing Strategy	149
Identifying Military Architecture	152
The Distribution of Military Settlements	155
Small Forts and Outposts	163
Large Military Sites	164
Summary	187
7. <i>Orthogonal and Radial Patterns</i>	191
The Spanish Grid	191
Inka Orthogonal Plans	192
Radial Patterns and Centrality	202
Huánuco Pampa's Design Interpreted	215
Summary	221

8. <i>Orientation and Alignment: Astronomical Concerns</i>	223
Inka Astronomy	224
Astronomical Influence on Cuzco's Design	225
Physical Evidence for Astronomical Towers beyond Cuzco	226
Windows, Light, and Shadow Casting at Machu Picchu	229
Astronomical Alignments at Inkawasi	232
The Shape and Orientation of Inka Plazas	234
Astronomical Alignments of Other Buildings and Compounds	240
Nonastronomical Alignments	241
The Orientation of Duality and Quadripartition	241
Summary	242
9. <i>Mixed Inka-Local Settlements</i>	244
Residences of Local Lords and Elites	244
Areas with No Inka Architectural Planning	249
Inka Buildings within Local Towns and Cities	251
Summary	268
10. <i>Environmental Influences</i>	270
Settlement Location	270
Locations of Administrative Centers	271
Remodeling the Landscape for Buildings and Plazas	279
Elaborate Agricultural Terracing	282
Summary	288
11. <i>Final Considerations</i>	291
Research Objectives	291
Housing the Population of the Empire	291
The Role of Administrative Centers	294
The Royal Estates	298
A Sanctuary Pattern	301
Other Cuzcos	303
Variations in Inka Settlements	306
Settlements within the Context of Empire	307
<i>Notes</i>	311
<i>Glossary</i>	333
<i>Bibliography</i>	335
<i>Index</i>	365

