1. Francis Ching
ARCHITECTURE: FORM, SPACE, ORDER

SPACES LINKED
BY A COMMON SPACE

L-SHAPED PLANS

REpetition

FORM AND SPACE
APPENDIX A: DESIGN PRINCIPLES 2

PATTERNS OF: BAY WINDOWS, THEMES OF WALL AND ROOF RELATIONSHIPS

1. Thomas Thiis-Evensen
ARCHEPATTERNS IN ARCHITECTURE

582 a-d. Flat roof and the articulated transition between ceiling and wall. (a) opening articulation, (b) uplifting articulation, (c) expanding articulation, (d) sinking articulation.
APPENDIX B: SOCIAL PREFERENCES

1. Christopher Alexander and others PATTERN LANGUAGE

"SHORTCUTS"

"OPEN STAIR"

"SIX FEET BALCONY"

FLAT ROOF AND THE ARTICULATED CEILING

"HIERARCHY OF OPEN SPACE"

"STAIR SEATS"
## Preliminary Cost Plan

**2001.08.01 (All Exchange Rates As Of Date)**

To develop the website as a *design tool* the following will be needed:

<table>
<thead>
<tr>
<th>EXPENSES</th>
<th>S.A.</th>
<th>U.S.A.</th>
<th>U.K.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. ISDN connection/Satellite Dish</td>
<td>R 15,500.00</td>
<td>$1,937.50</td>
<td>£1,348</td>
</tr>
<tr>
<td>2. Web-Site</td>
<td>Internet service provider (host)</td>
<td>R 35,500.00</td>
<td>$4,437.50</td>
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<tr>
<td>3. Workstations (x4) compromising of</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.1 Furniture</td>
<td>R 15,000.00</td>
<td>$1,875.00</td>
<td>£1,304</td>
</tr>
<tr>
<td>3.2 Hardware (including Networking)</td>
<td>R 30,000.00</td>
<td>$3,750.00</td>
<td>£2,609</td>
</tr>
<tr>
<td>3.3 UPS- systems</td>
<td>R 15,000.00</td>
<td>$1,875.00</td>
<td>£1,304</td>
</tr>
<tr>
<td>4. Programming input</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.1 Web-site (HTML + Javascript)</td>
<td>R 45,000.00</td>
<td>$5,625.00</td>
<td>£3,913</td>
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<tr>
<td>4.2 Database of patterns</td>
<td>R 25,000.00</td>
<td>$3,125.00</td>
<td>£2,174</td>
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<td>5. Overhead cost to develop website (+data) over a period of 6 months</td>
<td></td>
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<tr>
<td>5.1 Salaries (4X architects in training)</td>
<td>R 85,000.00</td>
<td>$10,625.00</td>
<td>£7,391</td>
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<tr>
<td>(1XArchitect/Manager)</td>
<td>R 75,000.00</td>
<td>$9,375.00</td>
<td>£6,522</td>
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<td>5.2 Programming support</td>
<td>R 30,000.00</td>
<td>$3,750.00</td>
<td>£2,609</td>
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<tr>
<td>5.3 Rental office space (available)</td>
<td>R 25,000.00</td>
<td>$3,125.00</td>
<td>£2,174</td>
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<tr>
<td>5.4 Disbursements</td>
<td>R 15,000.00</td>
<td>$1,875.00</td>
<td>£1,304</td>
</tr>
<tr>
<td>5.5 Tax and levies</td>
<td>R 105,000.00</td>
<td>$13,125.00</td>
<td>£9,130</td>
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<tr>
<td>5.6 ISDN Monthly</td>
<td>R 12,000.00</td>
<td>$1,500.00</td>
<td>£1,043</td>
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<tr>
<td>5.7 Cost of financing/loss of interest-income</td>
<td>R 105,000.00</td>
<td>$13,125.00</td>
<td>£9,130</td>
</tr>
<tr>
<td>6. Marketing and Travel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.1 Travel (1xmonth) to software company</td>
<td>R 85,000.00</td>
<td>$10,625.00</td>
<td>£7,391</td>
</tr>
<tr>
<td>6.2 Marketing</td>
<td>R 135,000.00</td>
<td>$16,875.00</td>
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<td>6.3 Project launch</td>
<td>R 35,000.00</td>
<td>$4,375.00</td>
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**Total Cost:** R 888,000.00 | $111,000.00 | £77,217.39