

<b>37 LIVING PROTOTYPES</b>	<b>028</b>
Timeline of Closed Worlds	029
1928 Cunningham Sanitarium	036
1931 FNRS Balloon	042
1943 Aqualung	048
1956 Thermoheliodon	053
1956 House of the Future	058
1960 Climatron	064
1960 NASA Langley Simulator	070
1962 Geoscope	076
1962 Conshelf (1962–65)	082
1964 Clivus Multrum	088
1966 Biological Waste System	092
1966 EPCOT	098
1967 Man+	104
1969 Grumman Integrated Household	110
1969 SEEK	116
1970 Clean Air Pod	124
1972 Autonomous Dome	129
1972 Bios-3	135
1972 Ecological House	140
1972 Gobar Gas Plant	146
1973 Earth Workshop	152
1974 Suntek Bioshelter	157
1974 Integral Urban House	162
1976 Sundwellings	167
1976 The Ark of Cape Cod	172
1979 The Liberated House	178
1981 West Edmonton Mall	183
1982 Rocky Mountain Institute	188
1986 Biospheric Test Module	194
1991 BIOSPHERE 2	199
1993 The Autonomous House	204
1994 MSU EPICenter	210
1995 MeLiSSA Pilot Plant	216
2000 Eden Project	222
2003 AMPS	230
2007 Mars500	236
2008 Masdar City	242
<b>A MINOR HISTORY OF MAN, ENVIRONMENTAL AWARENESS, BOOKS, AND DESIGN SPECULATIONS OF CLOSED WORLDS</b>	<b>248</b>
Figures of Man	252
Institutionalizing Environmental Awareness	256
Publications	259
Speculative Design Projects	262
<b>ENCOUNTERS THAT NEVER HAPPENED</b>	<b>264</b>
Mark Wigley X Buckminster Fuller	264
Bess Krietemeyer X Erik Nitsche of General Dynamics	270
Michelle Addington X NASA Goddard Space Flight Center	276
<b>CLOSED WORLDS, BUBBLES, AND VOLUNTARY CONTAINMENT</b>	<b>280</b>
<b>RESOURCES</b>	<b>284</b>