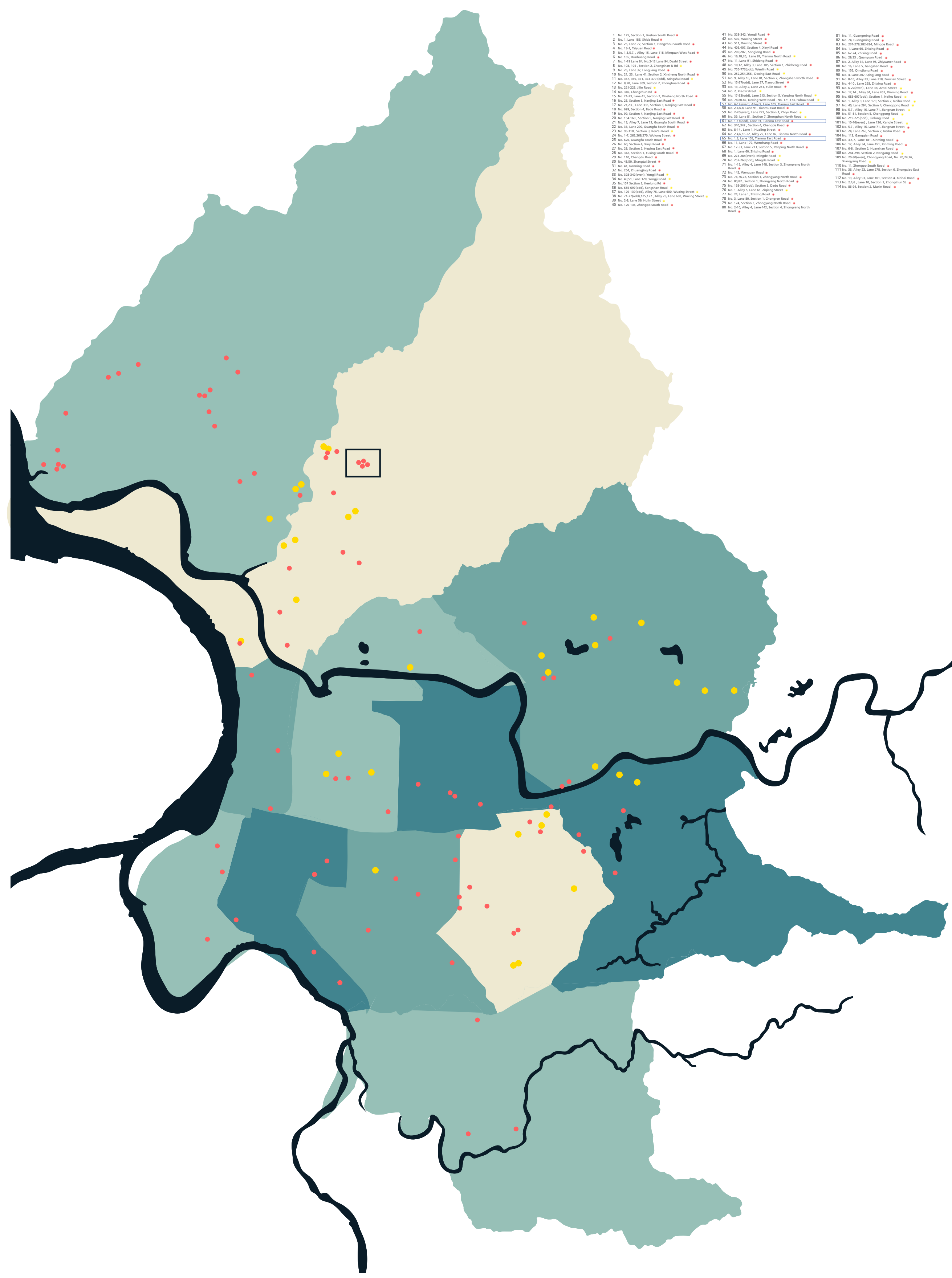


Braced! Architecture on the Fringe of Collapse

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Manifesto

We live in a world, from countries like Mexico to India, full of cities densely populated by buildings that are structurally unstable. Taiwan, among the list of countries, has one of the most dense population of buildings at risk officially identified by the government. Starting by compiling a large list of most at risk buildings in Taipei city, I observed a lack of intervention in downtime recovery from natural disasters due to economic and materialistic restraints. While buildings that were falling apart were immediately taken down after natural disasters, those that are still standing are stuck in a limbo of renewal process. With natural disasters like earthquakes, tsunamis, typhoons, and many more, these at risk buildings are at the fringes of collapse; there is an urgent need to address this problem. Braced! investigates the issue of structural instability through a design intervention that reimagines the structure and space of buildings by bracing rather than demolishing.



Building Name	Address	Year Built	Height (m)	Area (sqm)	Risk Level
1	101	1980	15	1200	High
2	102	1985	18	1500	High
3	103	1990	20	1800	High
4	104	1995	22	2000	High
5	105	2000	25	2500	High
6	106	2005	28	3000	High
7	107	2010	30	3500	High
8	108	2015	32	4000	High
9	109	2018	35	4500	High
10	110	2020	38	5000	High
11	111	2022	40	5500	High
12	112	2023	42	6000	High
13	113	2024	45	6500	High
14	114	2025	48	7000	High
15	115	2026	50	7500	High
16	116	2027	52	8000	High
17	117	2028	55	8500	High
18	118	2029	58	9000	High
19	119	2030	60	9500	High
20	120	2031	62	10000	High
21	121	2032	65	10500	High
22	122	2033	68	11000	High
23	123	2034	70	11500	High
24	124	2035	72	12000	High
25	125	2036	75	12500	High
26	126	2037	78	13000	High
27	127	2038	80	13500	High
28	128	2039	82	14000	High
29	129	2040	85	14500	High
30	130	2041	88	15000	High
31	131	2042	90	15500	High
32	132	2043	92	16000	High
33	133	2044	95	16500	High
34	134	2045	98	17000	High
35	135	2046	100	17500	High
36	136	2047	102	18000	High
37	137	2048	105	18500	High
38	138	2049	108	19000	High
39	139	2050	110	19500	High
40	140	2051	112	20000	High
41	141	2052	115	20500	High
42	142	2053	118	21000	High
43	143	2054	120	21500	High
44	144	2055	122	22000	High
45	145	2056	125	22500	High
46	146	2057	128	23000	High
47	147	2058	130	23500	High
48	148	2059	132	24000	High
49	149	2060	135	24500	High
50	150	2061	138	25000	High
51	151	2062	140	25500	High
52	152	2063	142	26000	High
53	153	2064	145	26500	High
54	154	2065	148	27000	High
55	155	2066	150	27500	High
56	156	2067	152	28000	High
57	157	2068	155	28500	High
58	158	2069	158	29000	High
59	159	2070	160	29500	High
60	160	2071	162	30000	High
61	161	2072	165	30500	High
62	162	2073	168	31000	High
63	163	2074	170	31500	High
64	164	2075	172	32000	High
65	165	2076	175	32500	High
66	166	2077	178	33000	High
67	167	2078	180	33500	High
68	168	2079	182	34000	High
69	169	2080	185	34500	High
70	170	2081	188	35000	High
71	171	2082	190	35500	High
72	172	2083	192	36000	High
73	173	2084	195	36500	High
74	174	2085	198	37000	High
75	175	2086	200	37500	High
76	176	2087	202	38000	High
77	177	2088	205	38500	High
78	178	2089	208	39000	High
79	179	2090	210	39500	High
80	180	2091	212	40000	High
81	181	2092	215	40500	High
82	182	2093	218	41000	High
83	183	2094	220	41500	High
84	184	2095	222	42000	High
85	185	2096	225	42500	High
86	186	2097	228	43000	High
87	187	2098	230	43500	High
88	188	2099	232	44000	High
89	189	2100	235	44500	High
90	190	2101	238	45000	High
91	191	2102	240	45500	High
92	192	2103	242	46000	High
93	193	2104	245	46500	High
94	194	2105	248	47000	High
95	195	2106	250	47500	High
96	196	2107	252	48000	High
97	197	2108	255	48500	High
98	198	2109	258	49000	High
99	199	2110	260	49500	High
100	200	2111	262	50000	High

