

Appendix 1: The inspected 40 features in Jerusalem (Israel). Out of them 32 features were already built when the paintings were drawn; 8 features (noted by asterisk) were built from mid-19th century onward

Id	Symbol	Name	Height	X	Y	Z	Remarks
1	A	Al-Nabi Dau'd minaret	8.5	221795.1	631010.1	795	
2	A1	Zion Gate	9.5	221847.7	631136.7	792	
3	A2	Dormition Abbey*	28	221795.1	631010.1	795	Was established at the beginning of the 20 th century
4	B	Southeast wall	8	222186	631290.6	750	
5	B1	Moghrabi Gate	9	222273.7	631349.9	737	
6	C	Omar Caliph minaret	21	221987.3	631380.1	787	
7	C1	Hourva Synagogue*	23	221987.6	631396.9	787	Built at the beginnings of the 18 th century but was destroyed. Re-build at mid-19 th century and once destroyed once again after the 1948 independence war of Israel
8	D	Al-Qalaa' minaret	12.5	221668.1	631430.8	793	
9	D1	Christ Church*	11	221804.1	631480.9	800	Built at mid-19 th century
10	E	Al-Aqsa	17	222414.1	631467.6	752	
11	E2	Al-Ghawanima minaret	13.5	222234.2	631920.9	771	
12	F	David Citadel	18	221665.8	631525.5	796	
13	F2	Petra Hotel*	15	221745.4	631566.8	797	Built at late-19 th century
14	G	Southeast wall	8	222100.2	631198.2	753	
15	H	Bab Al-Silsila minaret	12	222314.9	631620	764	
16	I	Al-Omar minaret	18	221835.4	631681.2	786	
17	J	Golden Gate	12	222558.9	631808.8	750	
18	K	Southeast wall	19.5	222593.5	631489	726	
19	L	Harm Al-Sharif	20.5	222382.1	631701.9	768	
20	L1	Northeast corner	5	222458.6	631815.6	766	
21	M	Holy Sepulchre Church	23	221838.7	631751.7	792	
22	M1	Al-Hanka minaret	12	221818.5	631813.2	793	

23	N	Bab Al-Asbat minaret	10.5	222482	631943.4	756	
24	O	Northeast corner of the wall	11	222511	632333.8	772	
25	O2	Rockefeller Museum*	21	222421.6	632405	786	Was established at the beginning of the 20 th century
26	P	Lady of Zion Congregation	8	222194.1	631960.2	777	
27	P1	Austrian Hospice*	10	222084.5	631959.3	773	Built at mid-19 th century
28	P2	St. Mary of Agony Church*	9	222112.3	631917.8	769	
29	Q	Custodia Terrae Sanctae	22	221637.6	631817	810	Was not noted on the paintings due to vague detection although having relatively tall turret
30	R	Lions Gate	12	222537.5	632019.7	756	
31	R1	East wall	9	222532.8	632182.9	756	
32	R2	East wall	9	222525.5	632247.3	756	
33	S	Al-Hamra minaret	10	222188.9	632064.6	786	
34	T	Northern corner wall	10	222036.1	632199.6	794	
35	T1	Al-Maa'lawiah minaret	12	222031.2	632147.5	793	
36	T2	Damascus Gate	12	221919.5	632113.6	777	
37	U	Herod's Gate	12	222224.3	632253.3	785	
38	V	Santa Anna Church	12	222494.8	632081.4	762	
39	W	St. James Church	11	221795.2	631316.2	804	
40	Z	Church of the Redeemer*	42	221915.1	631674.9	781	Built at late-19 th century

Appendix 2: The positions of the Jerusalem features we have noted on each image (fields px, py in pixels) in comparison with the equivalent RANSAC positioning (fields pxR, pyR in pixels)

	DSC_0518				DSC_0539				Broyn 1698				Tirion 1732				Henniker 1823			
Symbol	px	py	pxR	pyR	px	py	pxR	pyR	px	py	pxR	pyR	px	py	pxR	pyR	px	py	pxR	pyR
A			128	1591			-314	1430	204	99	143	72	67	379	28	367	285	215	272	191
A1			456	1599			76	1448	249	104	228	80	106	386	87	371	398	265	429	202
A2			140	1544			-341	1370			120	52			21	356			249	134
B	572	1728	594	1744	289	1620	309	1604	296	130	313	126	150	410	148	404	586	340	562	317
B1	756	1842	738	1804	485	1665	501	1670	333	139	360	143	156	416	181	416	648	359	628	352
C	1085	1632	1111	1587	850	1489	829	1447	377	104	384	86	188	387	198	373	759	229	750	194
C1			1165	1582			889	1443			396	85			206	372			776	189
D	1368	1598	1364	1601	1092	1466	1115	1488	388	73	437	100	197	351	226	375	839	177	797	218
D1			1463	1588			1226	1470			460	96			246	374			869	203
E	1181	1726	1180	1739	1006	1582	979	1593	448	124	449	128	243	402	251	408	865	290	847	312
E2	2951	1630	2920	1672	2882	1539	2861	1588	793	120	781	140	485	385	478	401	1401	236	1460	285
F			1590	1587			1361	1478	443	87	484	99	242	369	261	373	937	185	904	205
F2			1686	1590			1470	1482			508	101			279	375			955	209
G			337	1723			6	1578	249	126	249	117	100	409	101	398	398	327	451	302
H	1912	1678	1898	1700	1794	1559	1775	1582	589	110	587	131	334	389	340	403	1051	241	1084	295
I	2006	1609	1978	1609	1820	1501	1797	1510	558	96	574	111	318	374	327	381	1064	201	1076	229
J	3000	1827	3019	1805	3090	1728	3087	1707	860	184	830	169	543	434	505	428	1458	366	1464	362
K	1138	1902	1132	1923	1021	1773	1005	1780	498	161	484	172	281	431	279	441	864	379	857	404
L	2263	1648	2271	1660	2201	1524	2210	1540	676	112	675	123	403	388	398	398	1165	229	1300	265
L1	2789	1785	2856	1741	2787	1726	2865	1644	790	161	790	153	467	419	480	416	1380	346	1436	327
M	2161	1605	2154	1587	1977	1504	1989	1489	597	100	611	107	339	374	354	378	1114	210	1178	209
M1	2298	1594	2295	1611	2132	1514	2137	1522	617	101	638	117	365	374	375	383	1135	197	1203	234
N	3468	1711	3453	1765	3519	1624	3495	1685	929	158	894	167	587	411	556	422	1673	311	1605	346
O			4999	1708			5105	1665	1,143	190	1,179	173	737	430	759	419	2182	391	2248	322
O2			4846	1620			4964	1573			1,180	151			754	402			2410	256

P	3008	1689	2991	1670	2975	1605	2925	1590	804	136	791	140	497	409	486	401	1444	262	1477	285
P1			2862	1670			2763	1594			756	140			464	399			1397	286
P2			2775	1684			2674	1605			740	142			452	402			1352	295
Q	2246	1522	2230	1561	2051	1437	2056	1468			621	101			361	371			1214	185
R	3936	1794	3932	1770	4008	1716	4029	1699	970	187	988	173	613	436	619	425	1808	381	1782	351
R1			4575	1782			4646	1730	1,061	191	1,082	183	677	434	695	429	1923	385	1949	363
R2			4785	1780			4840	1734	1,098	190	1,112	185	704	432	720	429	2048	388	2010	364
S			3288	1641			3244	1567	872	127	853	137	542	387	530	396	1620	239	1641	265
T	3374	1606	3417	1622	3291	1539	3344	1559	909	136	867	135	576	398	545	392	1784	257	1684	253
T1			3283	1619			3207	1551	847	124	843	132	523	386	526	391	1595	201	1638	248
T2			3078	1654			2959	1588	841	129	788	140	517	392	490	396	1580	232	1467	278
U	3864	1664	3882	1644	3902	1602	3863	1586	998	163	964	146	625	408	613	400	1954	323	1874	272
V	4072	1749	4037	1737	4120	1681	4117	1670	977	181	1,006	168	625	429	633	420	1808	345	1851	334
W			1025	1574			723	1439	326	93	356	83	156	377	174	368	703	223	677	183
Z	1981	1578	1979	1563	1800	1477	1804	1451			578	95			330	372			1148	179

Appendix 3: The details and positions of the Tiberias features (fields px, py in pixels) in comparison with the equivalent RANSAC positioning (fields pxR, pyR in pixels)

Id	Name	Height	X	Y	Z	Symbol	px	py	pxR	pyR
1	Chulaybi Castle	9	250969.4	743984.5	-156	A	747	459	747	457
2	Al-Zaydani Mosque	9	251002.5	743727.7	-177	B	1107	564	1392	566
3	Al-Bacher Mosque	7	251161.2	743597.9	-182	C	2820	651	2823	657
4	Leaning Turret	6	251278.5	743373.2	-187	D			4215	731
5	North-west turret	6	250885.9	743756.7	-171	E	246	666	360	522
6	South-west Turret	6	251008.5	743426.1	-170	H	1983	687	2015	697
7	Southern Gate	6	251163.1	743386.3	-181	J	3331	744	3284	747
8	Turret	6	251042.6	743418.7	-170	I	2379	714	2308	708
9	Turret	6	251119.5	743390.8	-178	G	2873	747	2957	737
10	St. Peter Church	9	251130	743812	-178	K			2203	565
11	The Senior Synagogue	6	251132	743677	-177	L			2464	618