



# Land & Sculpture Design Partnership

LANDSCAPE ARCHITECTURE • ARBORICULTURE • SCULPTURE

## ARBORICULTURAL REPORT

CLIENT : **CC Developments**  
SITE : **Rendlesham, Area 8**  
JOB NO : **LSDP 1159-01**  
DATE : **08.04.2019**

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### 1. INTRODUCTION

**Background:** LSDP were appointed to prepare an Arboricultural Survey & Report to satisfy Local Authority requirements in respect to the proposed residential development at 'Area 8', Garden Square, Rendlesham. The report is based on survey information collected in April 2018 and reviewed in April 2019.

**The Site:** The site comprises an arable field to the north of Rendlesham village. The site is bordered by woodland to the north and west and by neighbouring private dwellings to the south and east. An Anglian Water compound is located adjacent to the northern boundary, within the wooded area.

### 2. TREE SURVEY

**Generally:** Ten groups of trees are recorded in the survey, with regard to BS 5837:2012, please refer to separate schedule on drawing for detailed survey information; the rationale for the categorisation is outlined below:

**'A' Category Trees (Trees of high quality** with an estimated remaining life expectancy of at least 40 years): All of the woodland groups adjacent to the northern boundary were considered in this classification for their landscape qualities (A2 category). The woods are a mixture of former parkland trees and naturally generated secondary woodland, along with conifer planting. They comprise mature oak, Scots pine, Corsican pine and beech, along with naturally generated trees, which provide both screening and enclosure to the site. The woodland area of G6 was also considered of high landscape value for the reasons above.

**'B' Category Trees (Trees of moderate quality** with an estimated remaining life expectancy of at least 20 years): The eastern and southern boundaries comprise linear plantings of lime with willow (G1) and whitebeam (G9). These are maturing trees, which offer some screening to the site and a filtering of views across it. These trees were recorded as B2 category (moderate landscape value).

**'C' Category Trees (Trees of low quality** with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm): G7 & G8 Field maple comprises trees and hedges in the corner of the site, where their landscape contribution is restricted. G10 Sycamore comprises a number of trees adjacent to the southern boundary. Although these trees provide screening, but are large-growing species unsuitable for long term retention in this location.

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### **3. ARBORICULTURAL IMPLICATIONS & IMPACT ASSESSMENT**

**Construction within Root Protection Area's (RPA's):** The proposal will require some minor encroachment into RPA's, to accommodate building and paving construction. Given the limited extent of the encroachments, the fact that they affect localised and peripheral parts of RPAs, it is considered that the construction can be complemented with no significant adverse impact on the physiology of retained trees

**Proximity of Dwellings to Tree canopies:** The proposed layout allows adequate space around trees indicated for retention, to accommodate future growth and minimise potential issues with shading / perception of hazard in relation to dwellings and amenity spaces.

### **4. TREE PROTECTION**

#### **Generally**

Before any machinery or materials are brought onto site and before any demolition, development or stripping of soil commences, The Root Protection Area (RPA) indicated on the drawing shall be set out and the Protective Barriers installed as shown on the drawing.

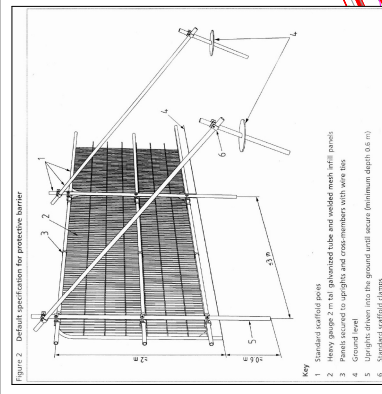
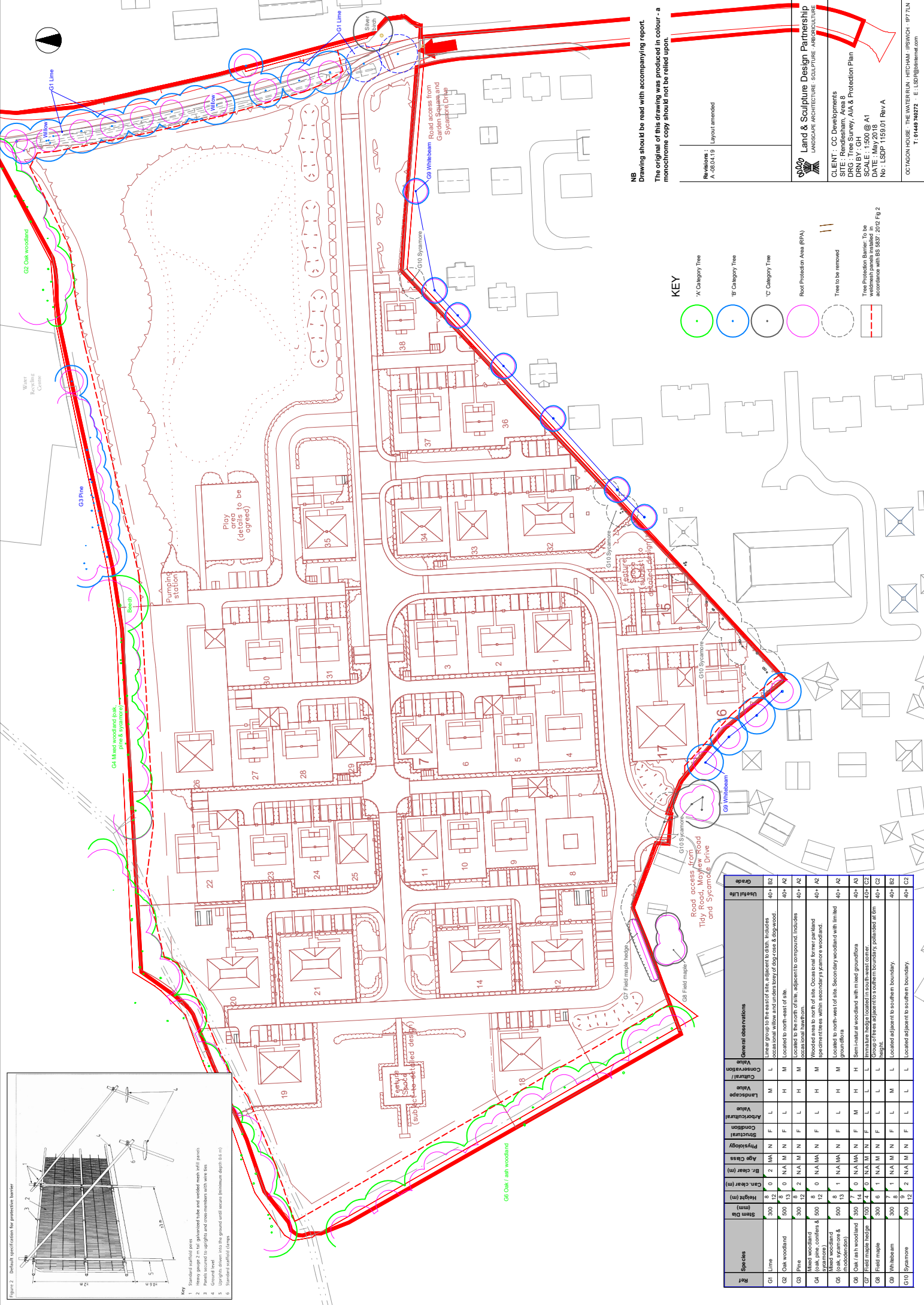
The Protective Barriers shall not be removed or altered without prior recommendation by an arboriculturist and approval of the local planning authority.

The areas protected by barriers shall be subject to the following restrictions:

- I. Existing soil levels within the protected areas shall not be altered
- II. No excavation of any kind shall take place within the protected areas.
- III. The protected areas shall not be used for storage of any kind
- IV. No vehicles or machinery shall be allowed into the areas protected by barriers
- V. Should the developer require the above restrictions to be breached for unforeseen reasons, an appropriate method of works must be agreed with the Local Authority prior to any works taking place within the protected areas.

#### **Protective Barriers**

Protective Barriers shall be erected to prevent access into designated areas around retained trees. Once installed, all weather notices shall be attached to each barrier with words such as: "Construction Exclusion Zone – No Access". Protective Barriers shall be erected in accordance with BS5837: 2012 Fig 2 (see accompanying drawing).



- Key**
1. Standard scaffold posts
  2. Heavy gauge 2m dia galvanized tube and voided mesh stiff panels
  3. 50mm dia posts to upright and downstream with wire fix
  4. Ground level
  5. Uprights driven into the ground level secure (minimum depth 0.8m)
  6. Standard scaffold struts

**KEY**

- A' Category Tree
- B' Category Tree
- C' Category Tree
- Root Protection Area (RPA)
- Tree to be removed
- Tree Protection Barrier: To be in accordance with BS 5827:2012 Fig 2

Ref	Species	Stem Dia (mm)	Height (m)	Can clear (m)	Br clear (m)	Age Class	Physiology	Structural Condition	Arboreal Value	Landscape Value	Cultural Value	Conservation Value	General observations	Grade	Useful Life
G1	Lime	300	12	0	2	N	F	L	M	L	L	L	Low to medium to the east of site, adjacent to block. Includes occasional hollow and random canopy of 50+ year old tree.	40+	A2
G2	Oak woodland	500	13	0	0	N/A	N	F	L	H	M	M	located to north-east of site.	40+	A2
G3	Pine	300	12	2	N/A	N	F	L	H	M	M	M	located to north-east of site. Occasional former parkland specimen trees within secondary sycamore woodland.	40+	A2
G4	Mixed woodland (oak, pine, conifers & sycamore)	500	12	0	N/A	N	F	L	H	M	M	M	Wooded area to north of site. Occasional former parkland specimen trees within secondary sycamore woodland.	40+	A2
G5	Oak ash woodland (predominant)	500	13	0	N/A	N	F	L	H	M	M	M	located to north-west of site. Secondary woodland with limited specimen trees.	40+	A2
G6	Oak ash woodland	500	14	0	N/A	N	F	L	H	M	H	H	Semi-natural woodland with mixed ground flora.	40+	A3
G7	Field maple hedge	100	4	0	N/A	N	F	L	L	L	L	L	Linear hedge located in south-west corner.	40+	C2
G8	Field maple	300	6	1	N/A	N	F	L	L	L	L	L	Group of trees adjacent to southern boundary, polished at 6m height.	40+	C2
G9	Whitebeam	300	7	1	N/A	N	F	L	M	L	L	L	located adjacent to southern boundary.	40+	B2
G10	Sycamore	300	12	0	2	N/A	N	F	L	L	L	L	located adjacent to southern boundary.	40+	C2

**NS**  
Drawing should be read with accompanying report.  
The original of this drawing was produced in colour - a monochrome copy should not be relied upon.

Revisions :  
A - 26/04/19  
Layout amended

**Land & Sculpture Design Partnership**  
LANDSCAPE ARCHITECTURE SCULPTURE ARCHITECTURE

CLIENT : CC Developments  
SITE : Plot 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

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