

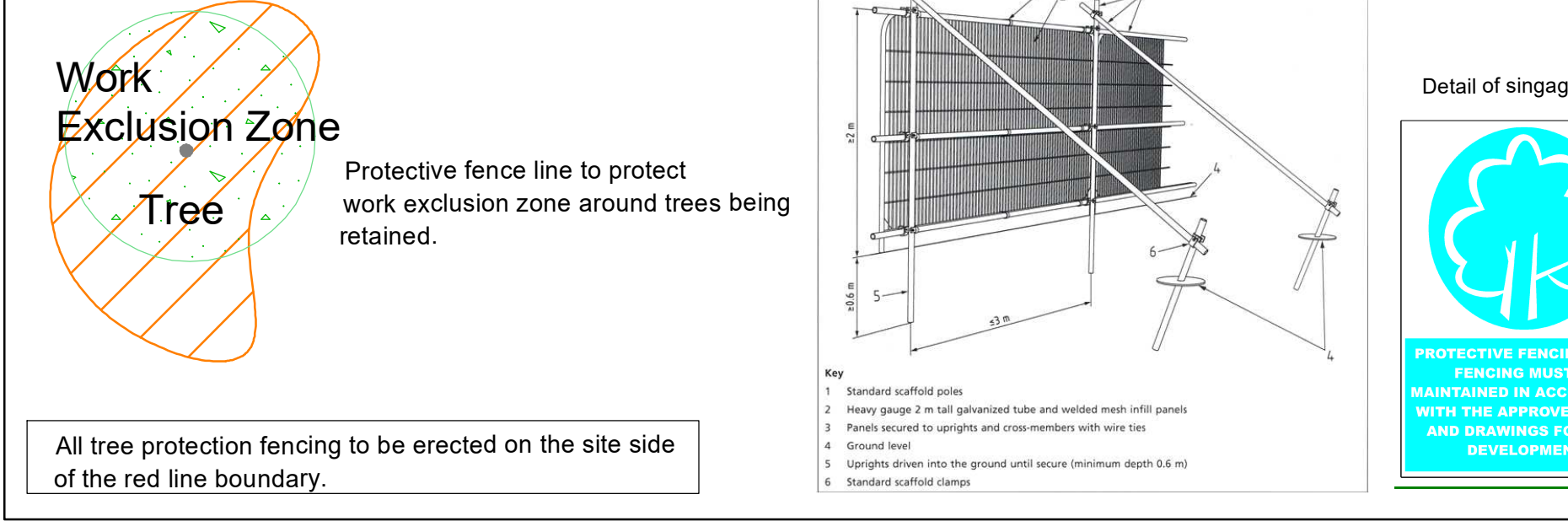
Notes:

- Tree Constraints/Root zones**
For trees being retained, all construction works need to be planned to occur outside this area
- Tag Number
Category grade
Actual Crown Spread
- BS5837: 2012 - Category Retention Rating
- Category U Trees - Trees in such a condition that any existing value would be lost within 10 years or being recommended for removal sound arboricultural practice.
 - Category A Trees - Trees of high quality/value with a min. of 40 years life expectancy.
 - Category B Trees - Trees of moderate quality/value with a min. of 20 years life expectancy.
 - Category C Trees - Trees of low quality/value with a min. of 10 years life expectancy.
- Sub Categories
1- Mainly Arboricultural values
2- Mainly Landscape values
3- Mainly cultural and conservation values.

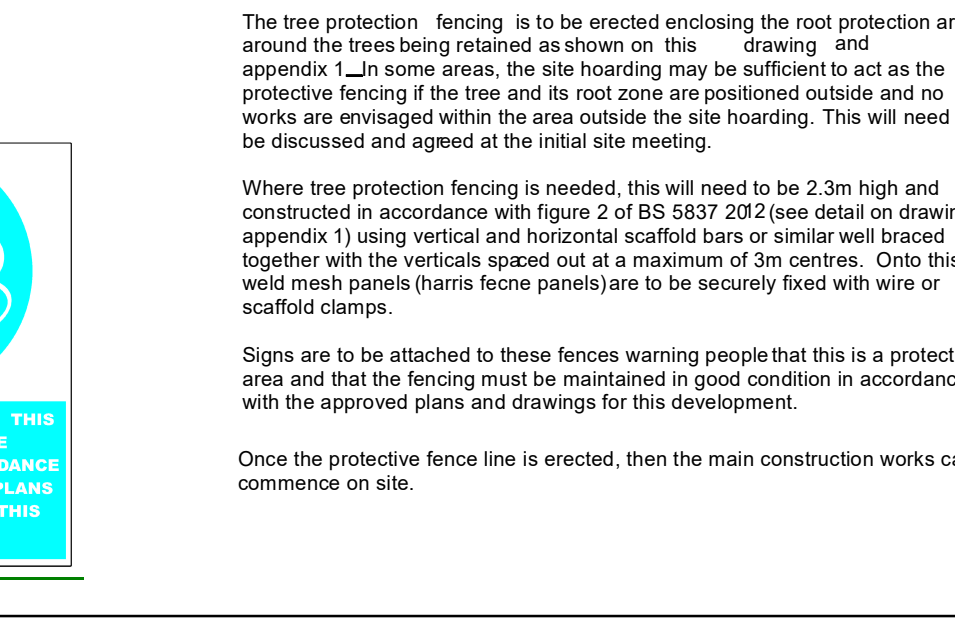
- Tree & hedge vegetation being retained
- Trees & Hedge Vegetation being removed.
- Trees shown for removal as part of management and not directly impacted by the development works.

| Category Grade | No. of Trees for Removal |
|---|---|
| Category U 11 Trees + | Tree Nos 605, 660, 665, 667, 690, 545, 548, 883, 884, 887 & 890 These trees, although most of them need to be removed directly due to the development layout, are in such a condition that they will need to be removed as part of management now or in the short term irrespective of the development proposals for this site area. |
| 9 Trees | Tree Nos. 644, 655, 686, 691, 692, 808, 809, 822 & 850 are not directly affected by the development layout, are being recommended for removal as part of active management due to their condition. |
| Category A 0 Trees | |
| Category B 18 Trees | Tree Nos. 807, 867, 661, 662, 663, 664, 666, 668, 670, 688, 815, 870, 869, 874, 875, 877, 878 & 879 |
| Category C 26 Trees | Tree Nos. 606, 608, 609, 610, 614, 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 |
| + 4 Hedges + c.66m of another + 5.836m ² of scrub/nursery stock area | Hedge Nos. c.66m of hedge 2, all of hedge Nos. 6, 7 & 8 and a scrub/nursery stock area of 5.836m ² |
| Total | 66 Trees + 4 Hedges + c.66m of another + a scrub/nursery stock area |

Tree Protection Detail



Protective fence detail as per BS 5837: 2012.



The following is a list of activities that are not allowed within the RPA or within the vicinity of the trees being retained:

- Protect tree root systems from damage caused by runoff or spillage of toxic materials, while mixing, placing, or storing construction materials.
- Protect root systems from ponding, eroding, or excessive wetting caused during construction operations.
- Do not store construction materials, debris, or excavated material inside tree protection zones. When excavating, place excavated soil on opposite side of trench away from the tree.
- Do not permit vehicles or foot traffic within tree protection zones; prevent soil compaction over root systems.
- Do not allow trees under or adjacent to remaining trees or other plants.
- Do not attach notice boards, cables or other services to any part of the tree.
- Do not use high machinery such as tele-lifts, cranes or other equipment close to trees to avoid damage to the crown or any other parts.

During the construction works the following is required:

- The main contractor or site manager is to brief all people working on site on the tree protection measures and the procedure to be followed to be carried out within these areas.
- Storage of Materials, Bulk Vans and staff car parking, are to be identified on the work drawings prior to the construction works starting. These need to be positioned outside the root protection areas around the trees being retained.
- The main contractor or site manager is to check the tree protective fencing daily and carry out any repairs required to ensure it stays upright and secure.
- The main contractor or site manager is to liaise with the project arboriculturist if and when works are to be carried out close to or within the root protection areas around the trees.
- Any works to occur within the protection areas such as landscaping is to be carried out manually with no machinery allowed. All soil and hard landscaping within the Root Protection Area (RPA) of the trees to be retained are to be carried out manually with the soil levels are not to be lowered or raised resulting in root damage to the trees. Recommendations of actions 8 of BS5837: 2012 are to be adhered to during the landscaping within the RPA's of the trees being retained.
- The protective fencing around the trees is to stay in position until all the construction works are complete and are only to be removed following discussions and agreement with the project arborist.

ARBORIST ASSOCIATES LTD.
94 BALLYBAWN COTTAGES, ENNISKERRY, CO. WICKLOW
TEL: 01-2742011 / 087-2629589

TITLE: Tree Protection Plan
Site: Kiltarnan Village SHD Residential Development at Lands at Wayside, Enniserry Rd, Kiltarnan, Dublin 18
DATE: Dwg No. KVL002 Part 1 Scale 1:500 © AO