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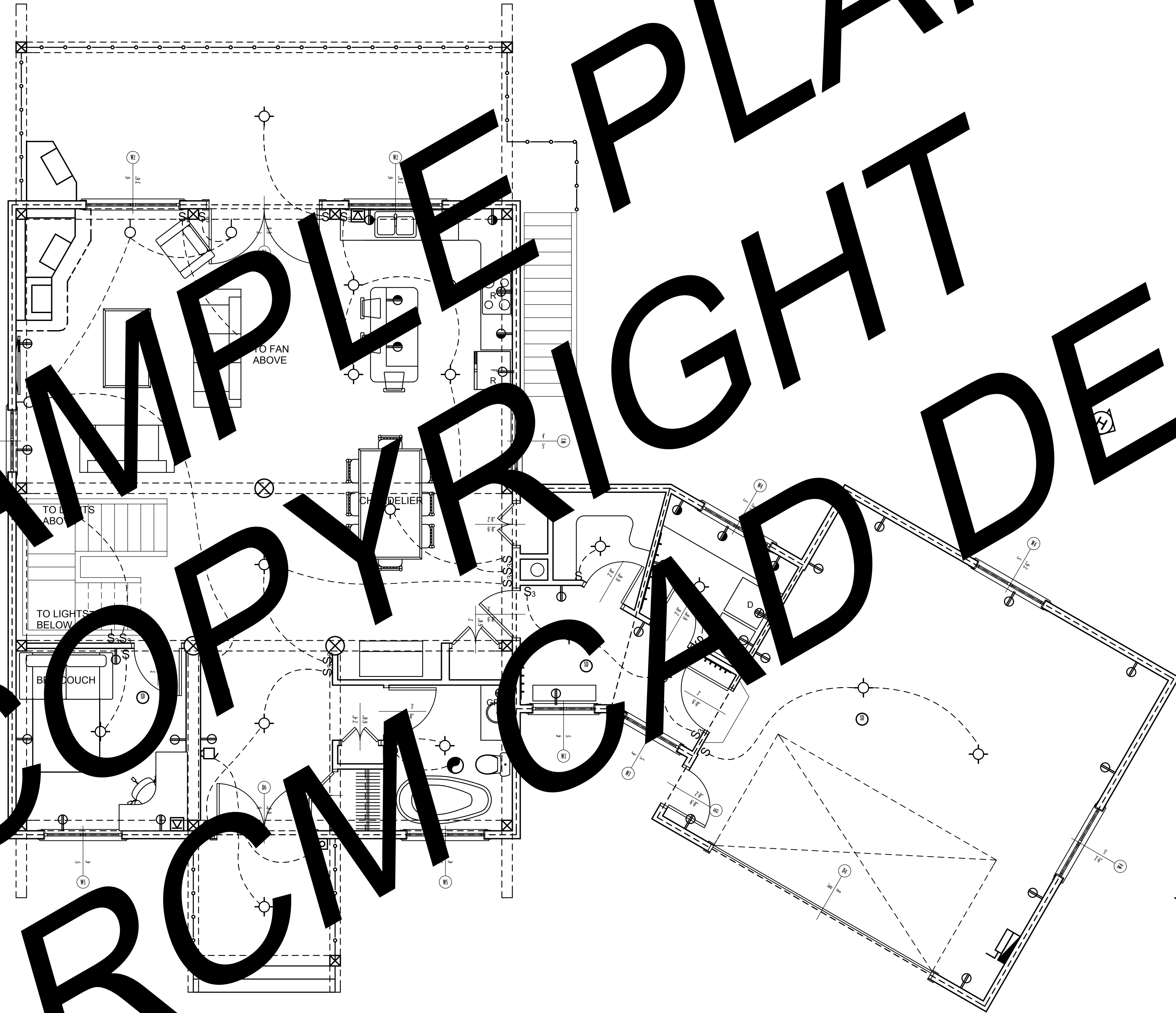
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FIRST FLOOR ELECTRICAL PLAN

ELECTRICAL LEGEND						
SYMBOL	DESCRIPTION	VOLT	WATT	WIRES	OUTLET	REMARKS
⊕	DUPLEX RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊕ <sub>WP</sub>	OUTSIDE DUPLEX RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊕ <sub>R</sub>	REFRIGERATOR RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊕ <sub>W</sub>	WASHER RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊕ <sub>D</sub>	DRYER RECEPTACLE	240	5200	3#10+	↓ 14-30 R	
⊕ <sub>R</sub>	RANGE RECEPTACLE	240	5200	3#10+	↓ 14-30 R	
⊕	DUPLEX REC. SPLIT CIRCUIT	120	1200	2#12+	↓ 5-15 R	
⊕ <sub>DW</sub>	DISH WASHER RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊕ <sub>FR</sub>	FREEZER RECEPTACLE	240	5200	3#10+	↓ 14-30 R	
⊕ <sub>GFCI</sub>	GROUND FAULT CIRCUIT INTERRUPTER	120	1200	2#12+	5-15 R	
⊕	FAN RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
☐	PHONE					
⊕	CABLE OUTLET					
⊕	BROADBAND CABLE					
*	SATELLITE CABLE					
⊕	SMOKE ALARM RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊕	BELL/BUZZER RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊕	PUSH BUTTON RECEPTACLE	120	1200	2#12+	↓ 5-15 R	
⊕	FILING CABINET	1200		2#12+	↓ 5-15 R	
⊕	PRESSED AIR OUTLET	120	1200	2#12+	↓ 5-15 R	
⊕	VACUUM OUTLET	120	1200	2#12+	↓ 5-15 R	
⊕	MOTION SENSOR LIGHT	120	1200	2#12+	↓ 5-15 R	
⊕	1-4" FLUORESCENT	120	1200	2#12+	↓ 5-15 R	
⊕	2-8" FLUORESCENT	120	1200	2#12+	↓ 5-15 R	
⊕	FAN LIGHT COMBO					
S	SINGLE POLE SWITCH	120	1200	2#12+	↓ 5-15 R	
S <sub>3</sub>	THREE WAY SWITCH	120	1200	2#12+	↓ 5-15 R	
S <sub>4</sub>	FOUR WAY SWITCH	120	1200	2#12+	↓ 5-15 R	
⊕	POWER PANEL					
⊕	CIRCUIT BREAKER PANEL					50 CIRCUIT BREAKERS
⊕	METER BASE					
⊕	BASEBOARD HEATER	120	1200	2#12+	↓ 5-15 R	
⊕	THERMOSTAT					

- GENERAL ELECTRICAL NOTES:**
- SERVICE SIZE TO BE 200 AMPS WITH A 50 CIRCUIT BREAKER PANEL. SERVICE BREAKER RATING TO BE 200 AMPS. HOT CONDUCTORS TO BE 2-#1R90 (XLPE) COPPER (BLACK, RED OR BLUE). NEUTRAL CONDUCTOR TO BE 1-#4R90 (XLPE) COPPER (WHITE). SERVICE CONDUIT TO INSIDE TO BE 1 1/4" IN DIAMETER. SERVICE GROUNDING CONDUCTOR TO BE MINIMUM #4 BARE COPPER.
  - ALL WORK TO CONFORM TO PROVINCIAL ELECTRICAL CODE & LOCAL CODE & BYLAWS.
  - ALL ABOVE COUNTER RECEPTACLE TO BE 12" ABOVE TOP OF COUNTER. WASHER & DRYER OUTLETS TO BE BEHIND MACHINES 2" MAX. ABOVE FLOOR. ALL OTHER WALL PLUGS & PHONE OUTLET TO BE 1" ABOVE FLOOR. ALL SWITCHES & THERMOSTATS TO BE 4' ABOVE FLOOR.

NOTE: ALL DIMENSIONS TO BE VERIFIED ON SITE BY GENERAL CONTRACTOR. THIS SET OF PLANS TO BE ENGINEERED & STAMPED BY A PROFESSIONAL ENGINEER. LOCAL BUILDING CODES AND PRACTICES TO BE OBSERVED.

R.C.M. Cad Design  
 Drafting Ltd.  
 298, 343, 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.

LOG BUILDER: ELK RIDGE  
 CLIENT: ELK RIDGE  
 TITLE: FIRST FLOOR ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"  
 DATE: MAY 28, 2008  
 DRAWN BY: C.C.  
 CHECKED BY: C.C.

REVISION: REV. 1, REV. 2, REV. 3

A-14 20