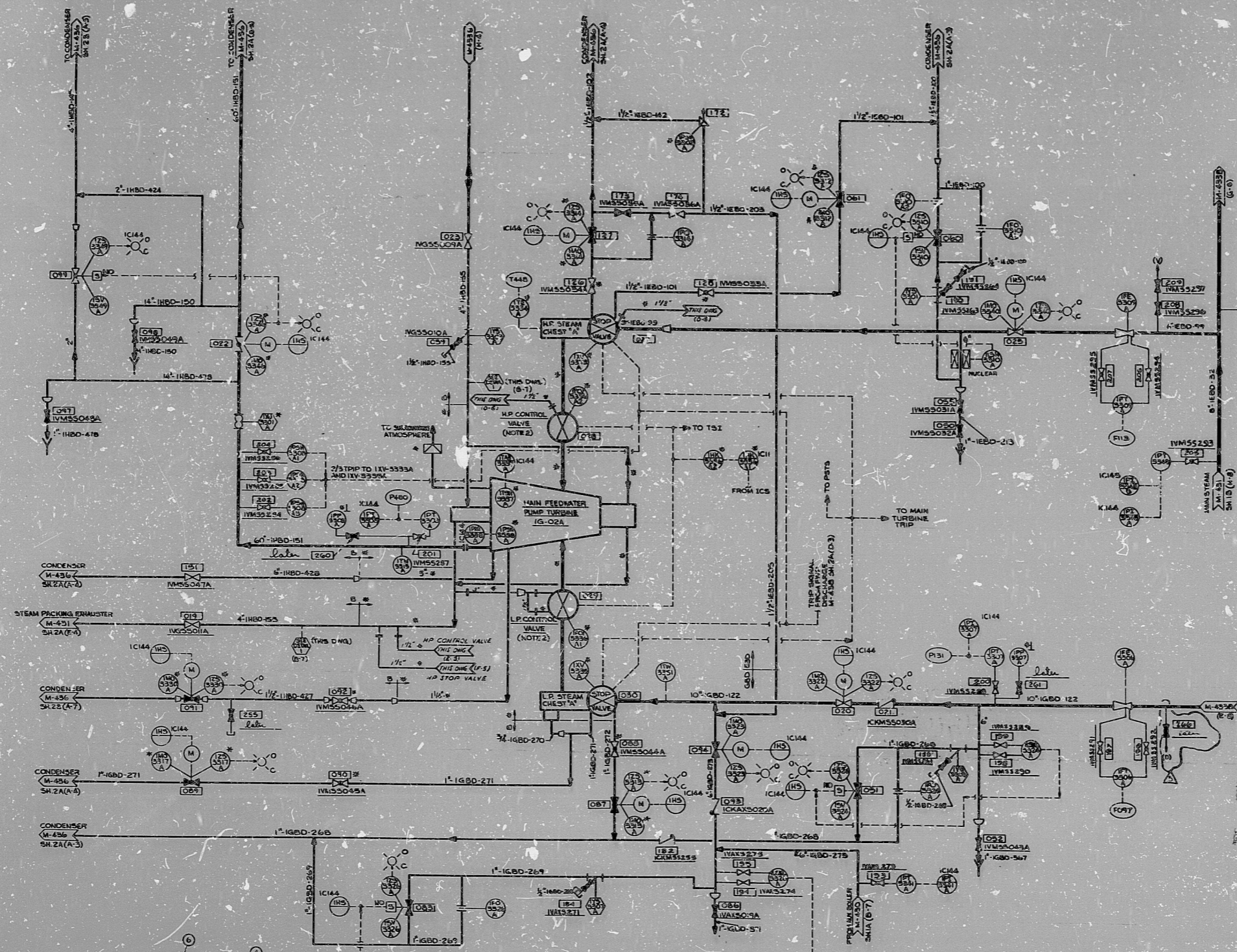


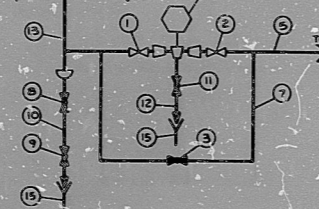
M-433A



NOTES:

- STEAM TRAPS ARE FURNISHED WITH INTEGRAL BLOWDOWN VALVES.
- THE HP AND LP CONTROL VALVES ARE CONTROLLED BY A COMMON MECHANICAL LINKAGE.
- SWITCHES 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.

PRO APERTURE CARD



REV. NO.	LOGIC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
TRNDG	F-1	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
TRNDG	D-1	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
TRNDG	F-2	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
M-433B	C-6	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
M-433B	C-3	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
M-433B	D-4	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
M-433B	F-4	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
M-433B	E-3	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
M-433B	C-4	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A

REV. NO.	LOGIC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
TRNDG	F-1	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
TRNDG	D-1	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
TRNDG	F-2	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
M-433B	C-6	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
M-433B	C-3	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
M-433B	D-4	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
M-433B	F-4	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
M-433B	E-3	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A
M-433B	C-4	IVM55021A	IVM55022A	IVM55023A	IVM55024A	IVM55025A	IVM55026A	IVM55027A	IVM55028A	IVM55029A	IVM55030A	IVM55031A	IVM55032A	IVM55033A	IVM55034A	IVM55035A

BECHTEL
MIDLAND PLANT UNITS 1 & 2
CONSUMERS POWER COMPANY

PIPING & INSTRUMENT DIAGRAM
AUXILIARY STEAM UNIT-1

JOB NO. 7220
DRAWING NO. M-433A
REV. 5

RIDS

8302100037

