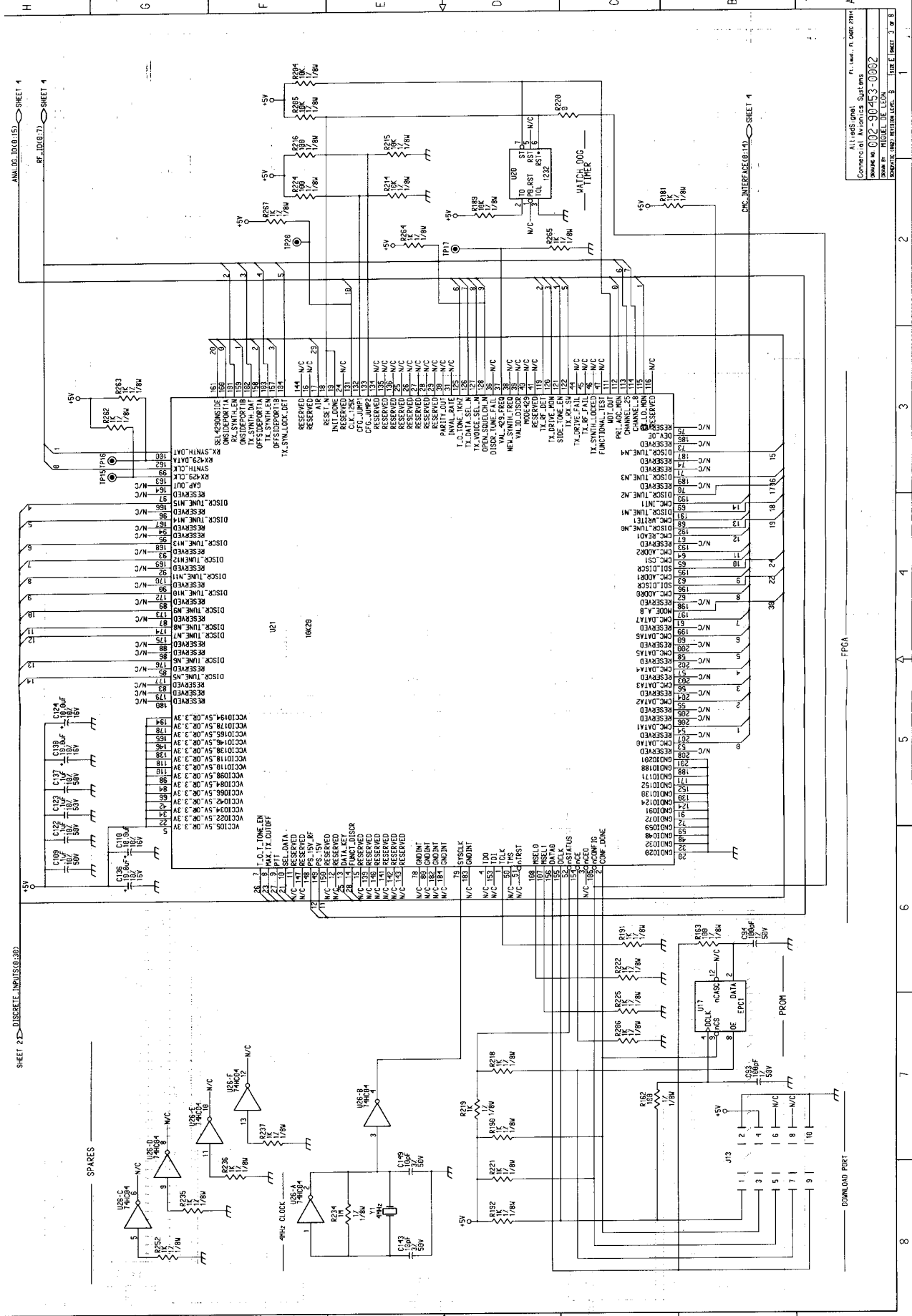
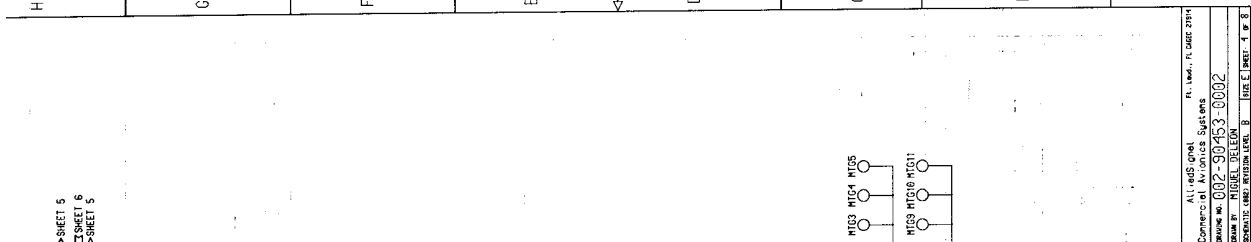
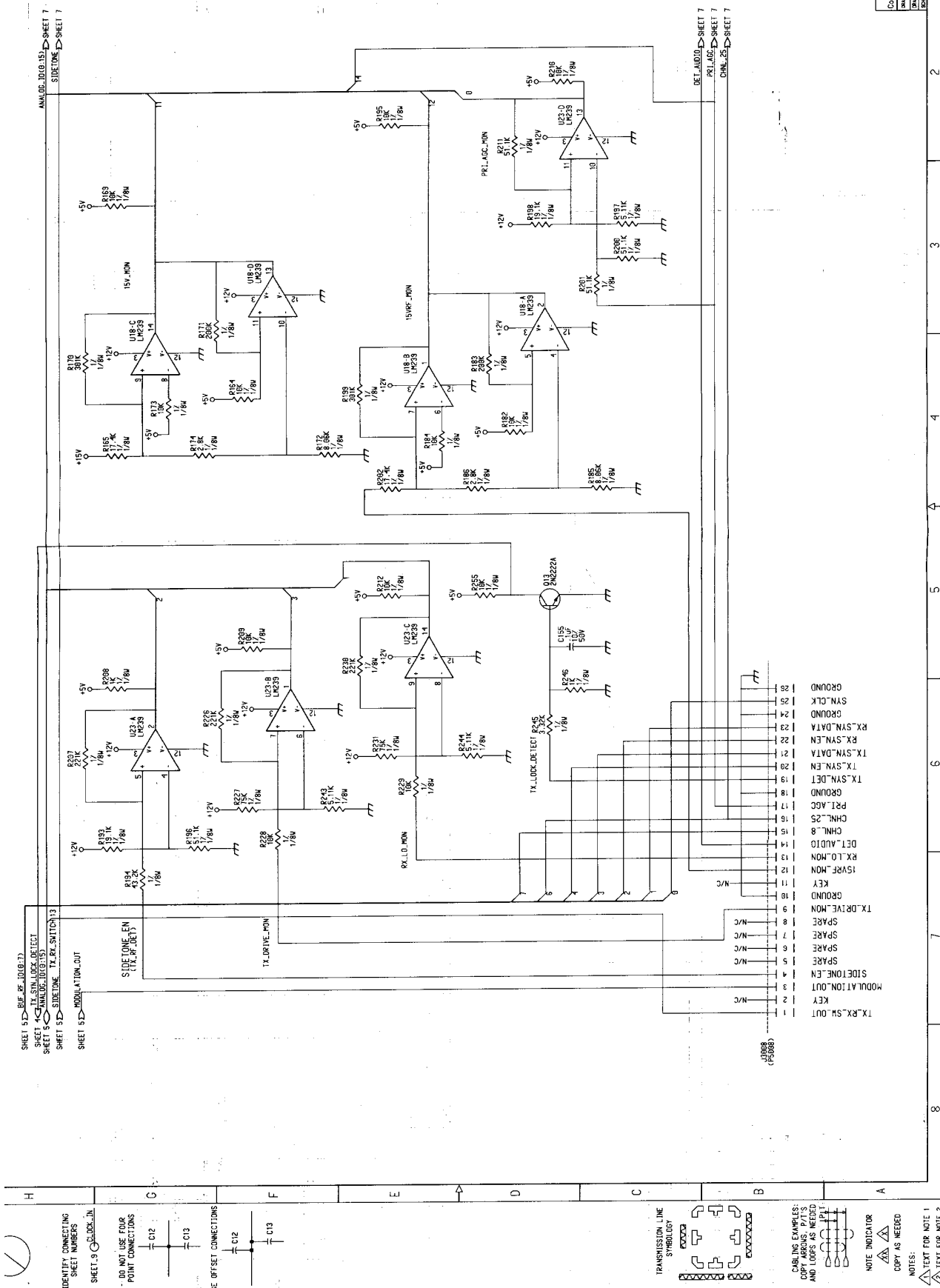


All test points
 Commercial Avionics Systems
 DRAWN BY: MICHAEL DE LEON
 CHECKED BY: MICHAEL DE LEON
 DATE: 11/17/98



IDENTIFY CONNECTING SHEET NUMBERS
 DO NOT USE FOUR POINT CONNECTIONS
 USE OFFSET CONNECTIONS
 TRANSMISSION LINE SYMBOLS
 CARLING EXAMPLES COPY AS NEEDED AND LOGS AS NEEDED
 NOTE INDICATOR
 COPY AS NEEDED
 NOTES:
 TEXT FOR NOTE 1
 TEXT FOR NOTE 2

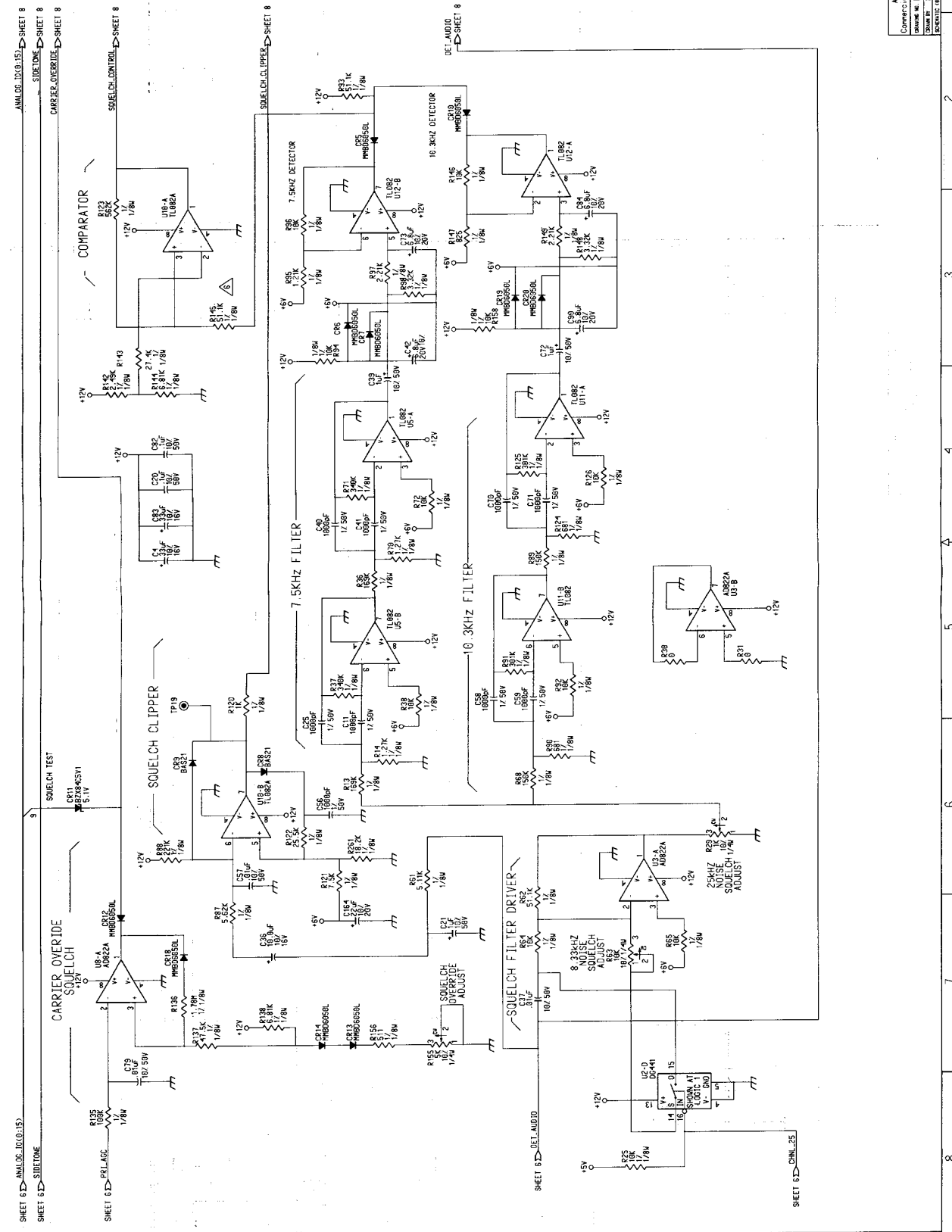




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 DRAWING NO. 002-90453-0002
 DRAWN BY: BART GILLOREY
 CHECKED BY: JIMMY L. BROWN
 DATE: 11/17/98

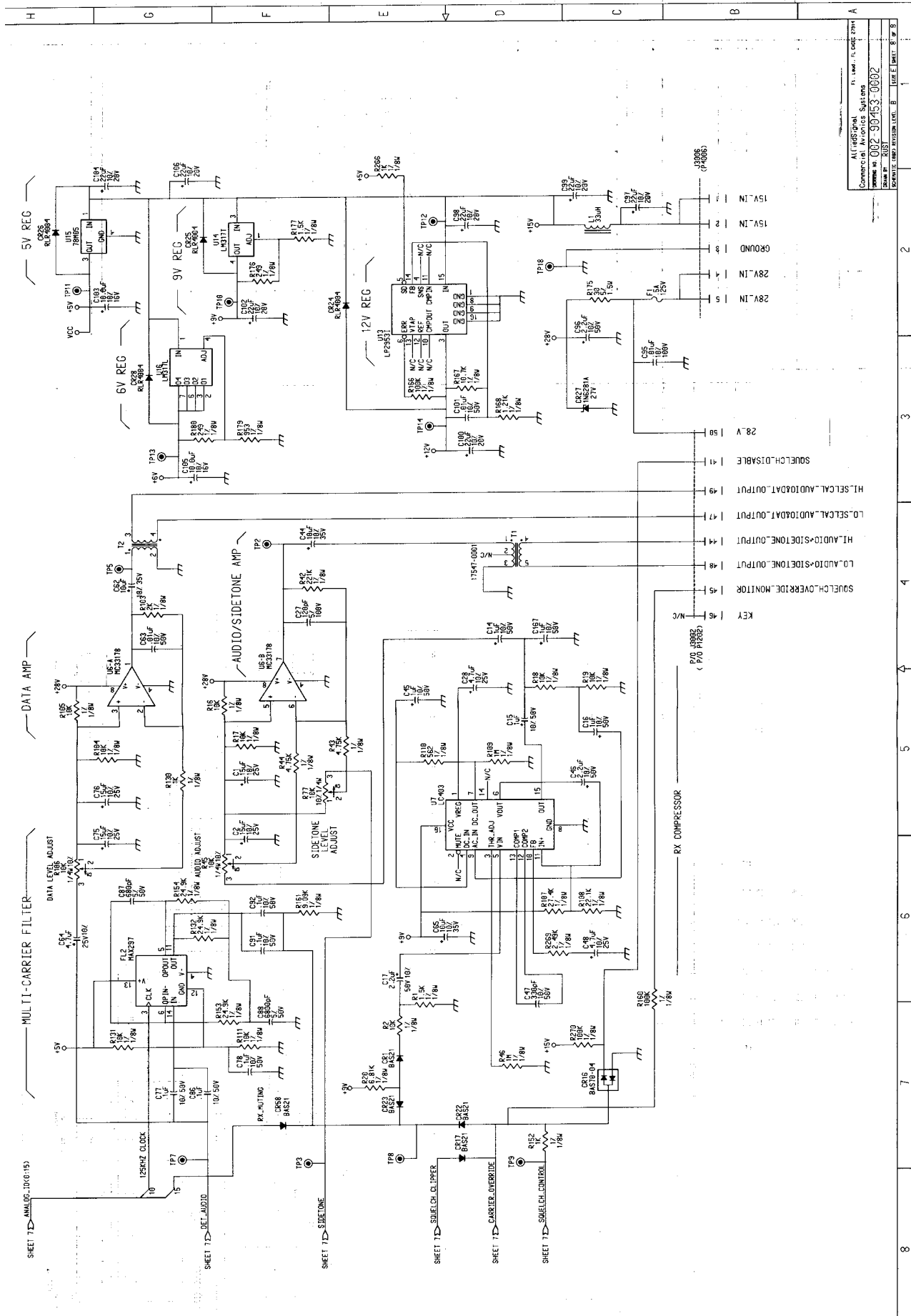
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Monitor Version Ed: LK Ed: RJ JUN 4, 1998, 11:39:24 am



SHEET 6 ANALOG (10.15)
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IDENTIFY CONNECTING SHEET NUMBERS
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 SHEET 97 C97
 SHEET 98 C98
 SHEET 99 C99
 SHEET 100 C100



ALLIEDSignal	FL. LEAD... FL CASE 27914
Commercial Avionics Systems	
drawing no. 002-90453-0002	
MADE IN RUSSIA	
SYNCHRONIC CORD REVISION LEVEL B	SIZE E SHEET 8 OF 8

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COPY
 NOTES
 TEXT



IDENTIFY CONNECTING
SHEET NUMBERS

SKET 9 C LOCK IN

DO NOT USE FOUR
POINT CONNECTING

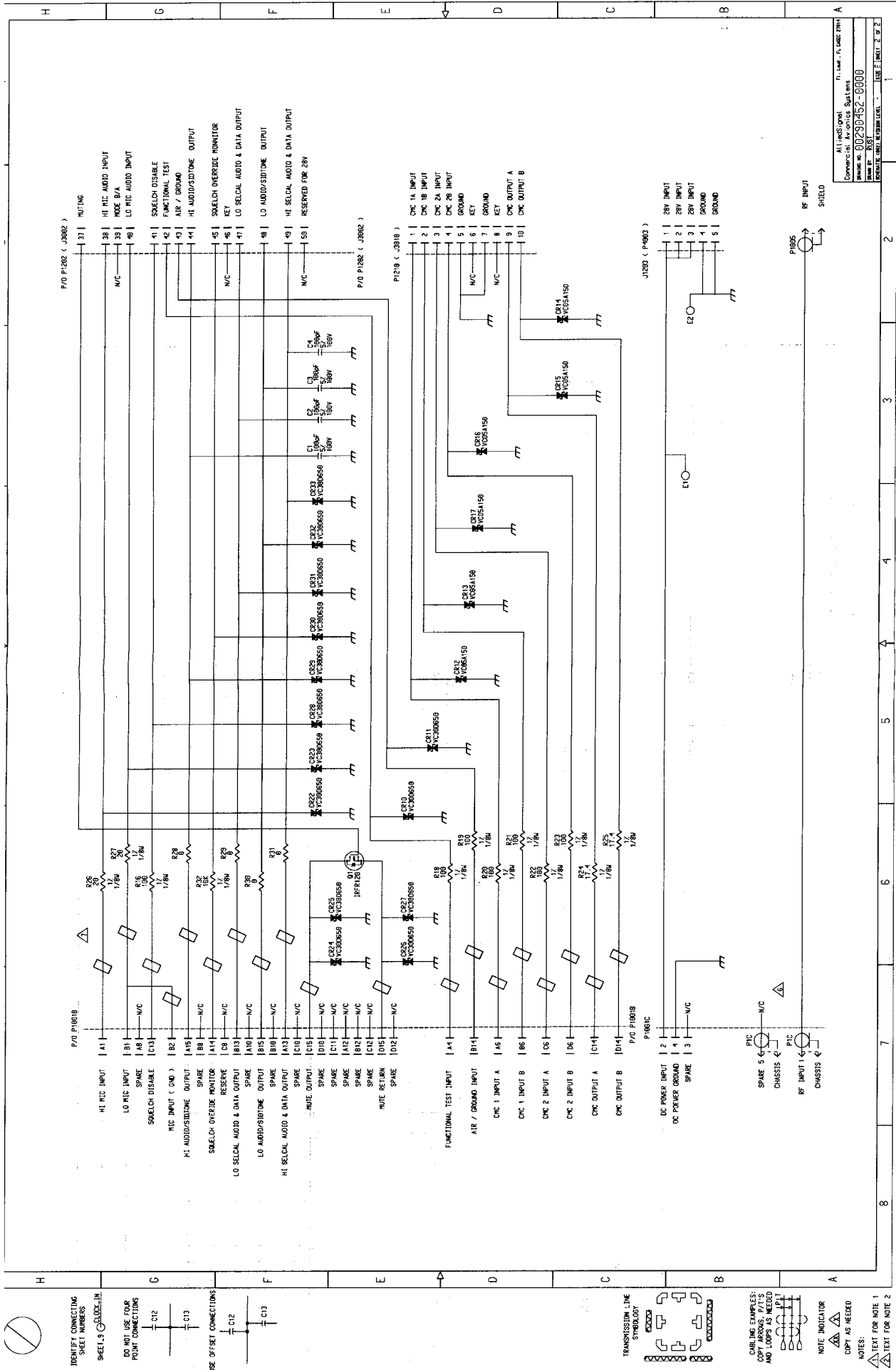
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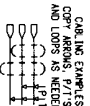
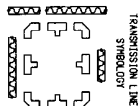
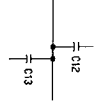
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USE OFFSET CONNECTIONS

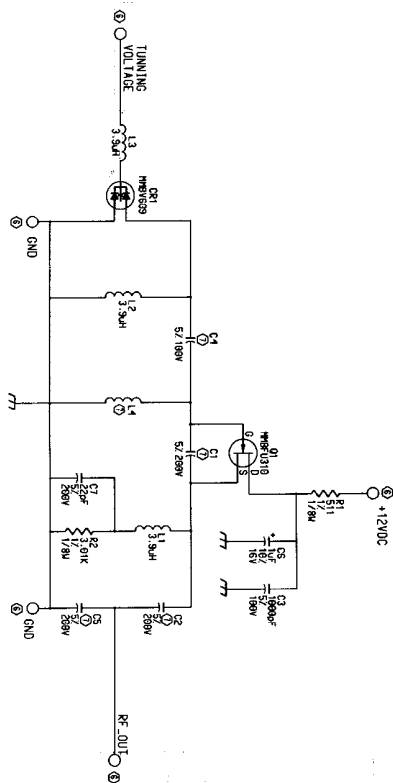
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C13



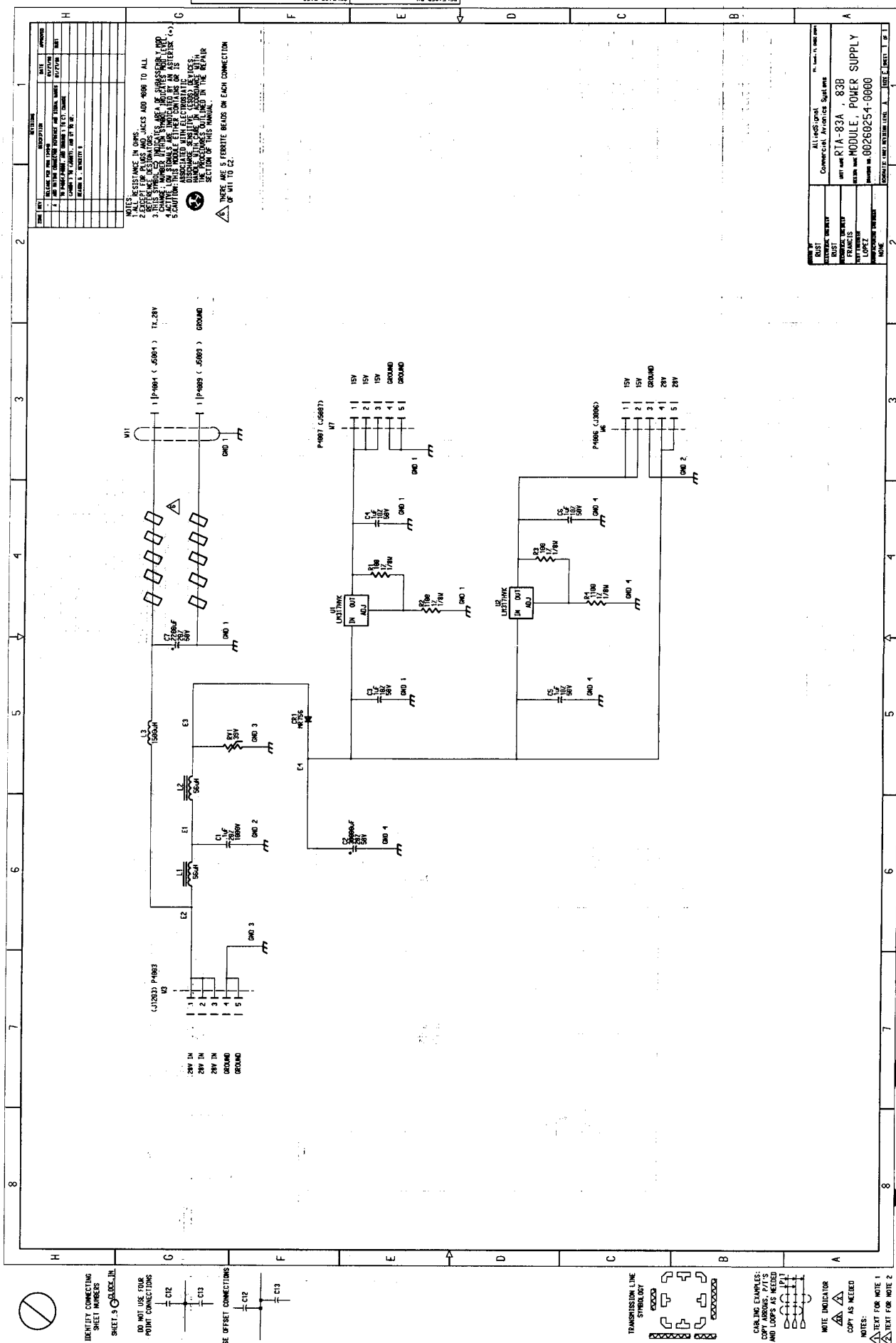


NOTE INDICATOR
 
 COPY AS NEEDED
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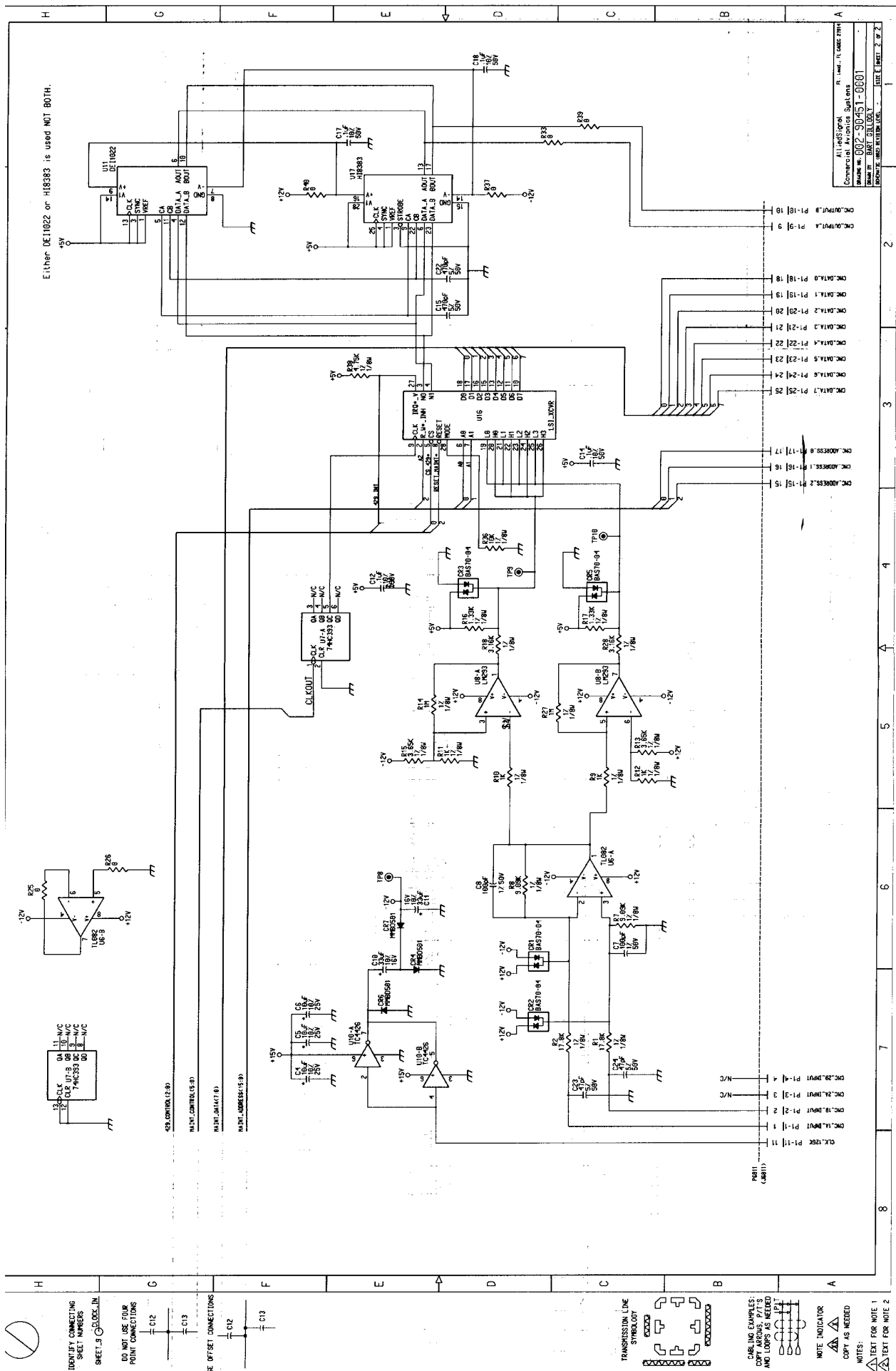
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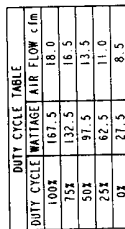
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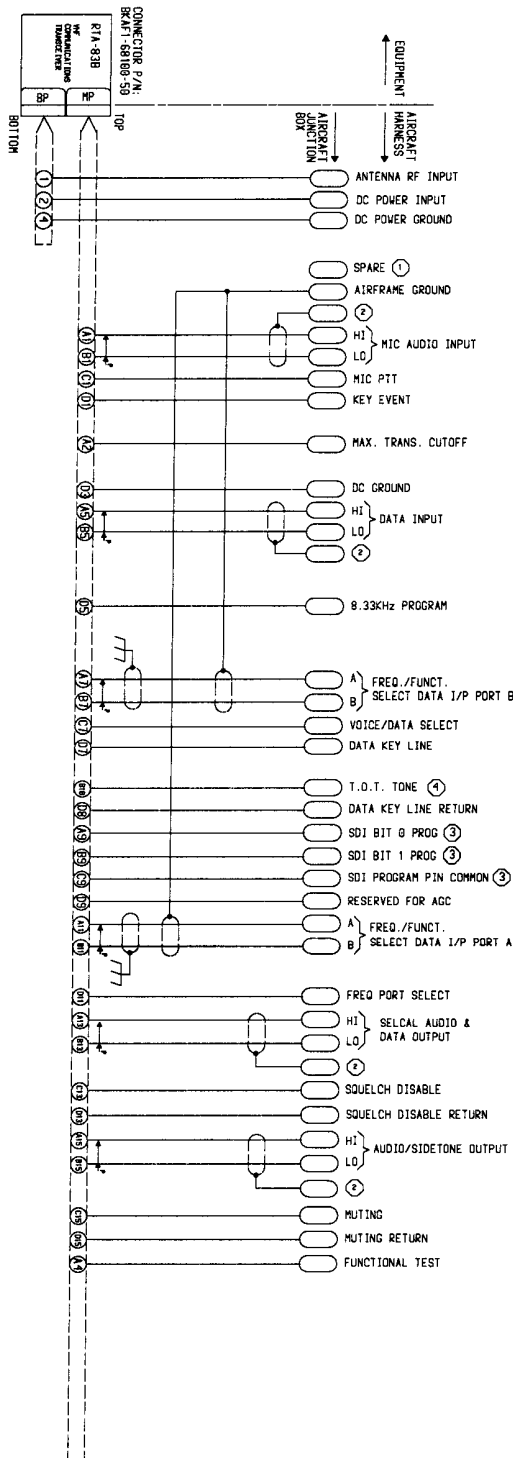






RTA-83B VHF Communications Transceiver, Dimensional Outline Drawing Figure 203

AlfredSignal Commercial Avionics Systems
MAINTENANCE MANUAL
RTA-83B VHF COMMUNICATIONS SYSTEM



NOTES:

- ① UNWIRED SPARE PINS ON COM TRANSECEIVER
 REMAIN CONNECTED TO AIRCRAFT PINS
 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 194, 196, 198, 200, 202, 204, 206, 208, 210, 212, 214, 216, 218, 220, 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 252, 254, 256, 258, 260, 262, 264, 266, 268, 270, 272, 274, 276, 278, 280, 282, 284, 286, 288, 290, 292, 294, 296, 298, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 354, 356, 358, 360, 362, 364, 366, 368, 370, 372, 374, 376, 378, 380, 382, 384, 386, 388, 390, 392, 394, 396, 398, 400, 402, 404, 406, 408, 410, 412, 414, 416, 418, 420, 422, 424, 426, 428, 430, 432, 434, 436, 438, 440, 442, 444, 446, 448, 450, 452, 454, 456, 458, 460, 462, 464, 466, 468, 470, 472, 474, 476, 478, 480, 482, 484, 486, 488, 490, 492, 494, 496, 498, 500, 502, 504, 506, 508, 510, 512, 514, 516, 518, 520, 522, 524, 526, 528, 530, 532, 534, 536, 538, 540, 542, 544, 546, 548, 550, 552, 554, 556, 558, 560, 562, 564, 566, 568, 570, 572, 574, 576, 578, 580, 582, 584, 586, 588, 590, 592, 594, 596, 598, 600, 602, 604, 606, 608, 610, 612, 614, 616, 618, 620, 622, 624, 626, 628, 630, 632, 634, 636, 638, 640, 642, 644, 646, 648, 650, 652, 654, 656, 658, 660, 662, 664, 666, 668, 670, 672, 674, 676, 678, 680, 682, 684, 686, 688, 690, 692, 694, 696, 698, 700, 702, 704, 706, 708, 710, 712, 714, 716, 718, 720, 722, 724, 726, 728, 730, 732, 734, 736, 738, 740, 742, 744, 746, 748, 750, 752, 754, 756, 758, 760, 762, 764, 766, 768, 770, 772, 774, 776, 778, 780, 782, 784, 786, 788, 790, 792, 794, 796, 798, 800, 802, 804, 806, 808, 810, 812, 814, 816, 818, 820, 822, 824, 826, 828, 830, 832, 834, 836, 838, 840, 842, 844, 846, 848, 850, 852, 854, 856, 858, 860, 862, 864, 866, 868, 870, 872, 874, 876, 878, 880, 882, 884, 886, 888, 890, 892, 894, 896, 898, 900, 902, 904, 906, 908, 910, 912, 914, 916, 918, 920, 922, 924, 926, 928, 930, 932, 934, 936, 938, 940, 942, 944, 946, 948, 950, 952, 954, 956, 958, 960, 962, 964, 966, 968, 970, 972, 974, 976, 978, 980, 982, 984, 986, 988, 990, 992, 994, 996, 998, 1000
- ② GROUND AT AUDIO SYSTEM END ONLY
 NOT GROUND AT COM TRANSECEIVER END

- ③ TO ENCODE LOCATION OF COM TRANSECEIVER IN AIRCRAFT, LEAVE PINS
 AS FOLLOWS:

COM NO.	CONNECTOR PIN
1	MP89
2	MP89
3	MP89

- ④ GROUND FOR 1KHz INTERRUPTED TONE
 AFTER 30 SEC. OF CONTINUOUS TRANSMIT

RTA-83B VHF Communications System Interwiring Diagram
Figure 204

155-50803-0000

IDENTIFY CONNECTING SHEET NUMBERS

SHEET 2 CLOCK IN

DO NOT USE FOUR POINT CONNECTIONS

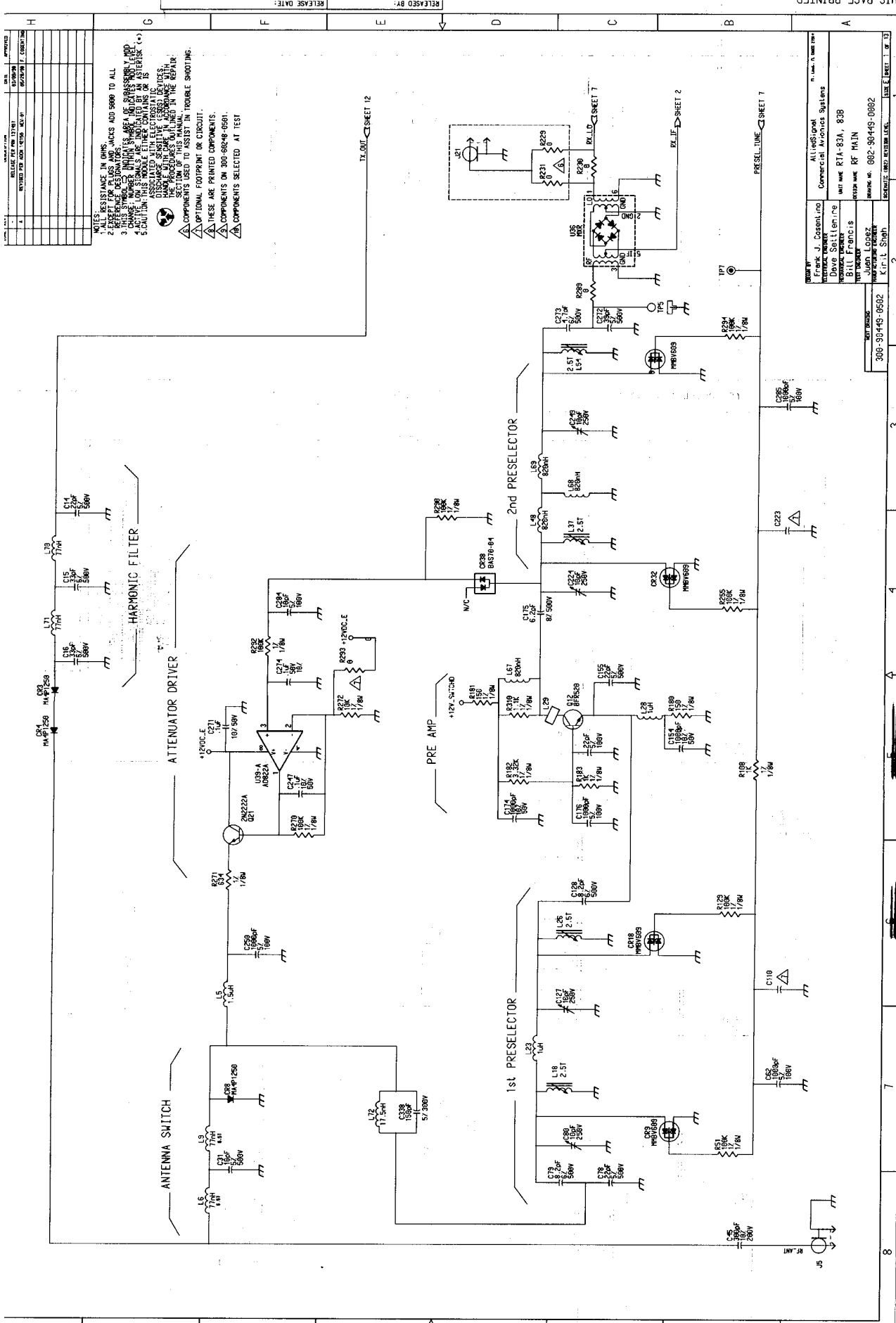
SE OFFSET CONNECTIONS

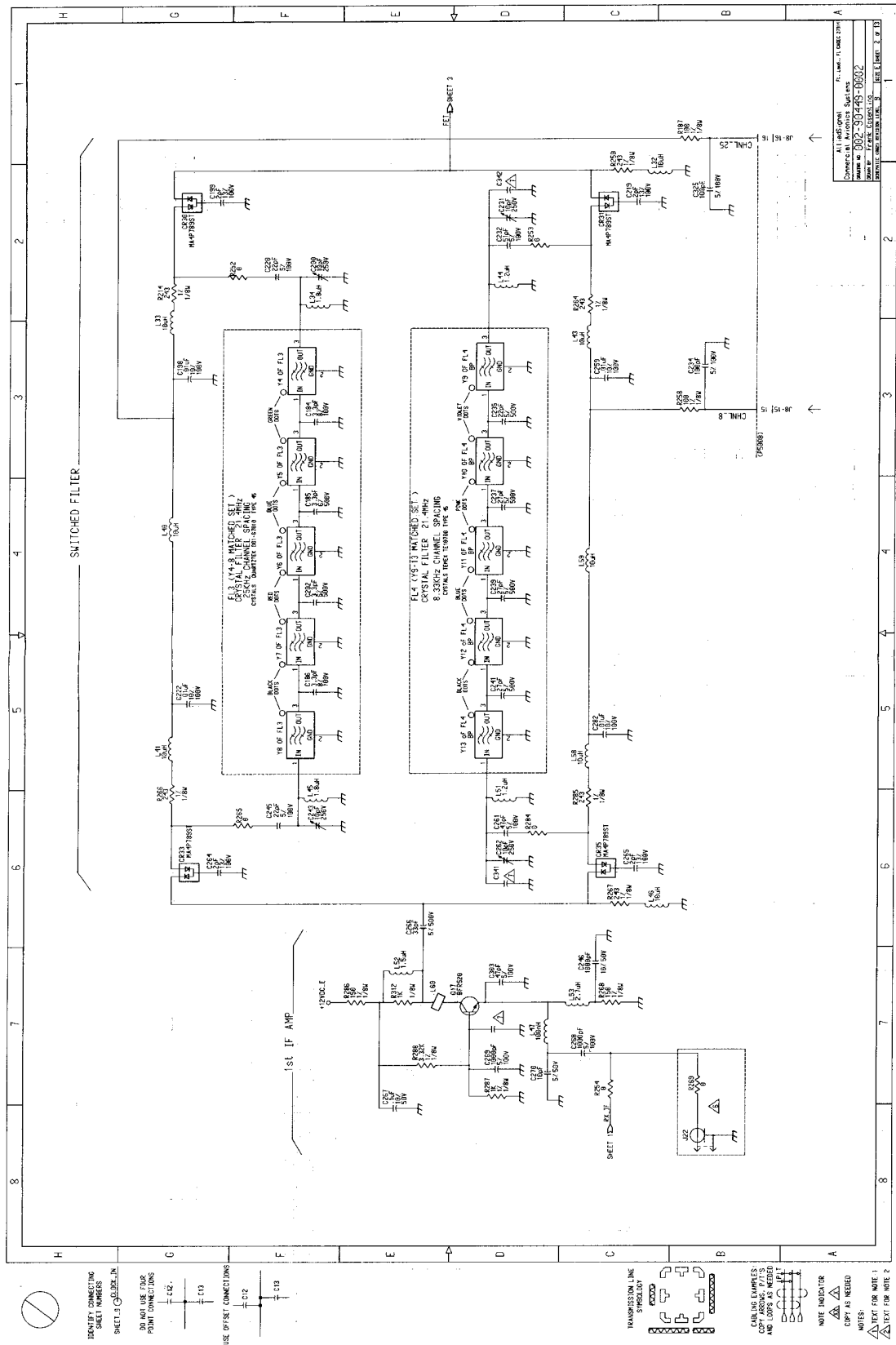
TRANSMISSION LINE SYMBOLS

CABLEING EXAMPLES:
COPY ARROWS, P/T'S AND LOOPS AS NEEDED

NOTE INDICATOR
COPY AS NEEDED

NOTES:
TEXT FOR NOTE 1
TEXT FOR NOTE 2





IDENTIFY CONNECTING SHEET NUMBERS

SHEET 3

DO NOT USE FOUR POINT CONNECTIONS

SE OFFSET CONNECTIONS

TRANSMISSION LINE SYMBOLS

CABLE EXAMPLES:

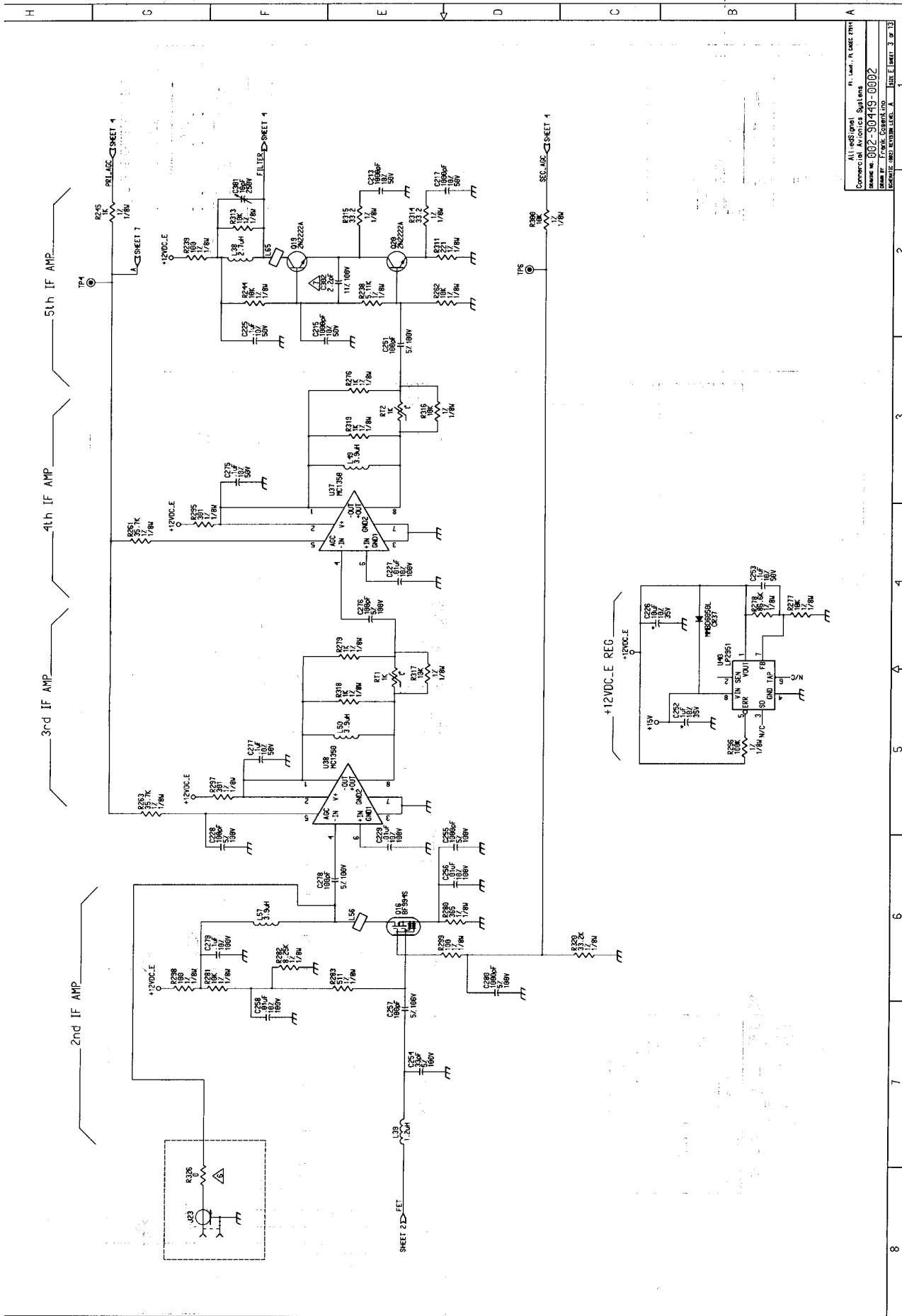
NOTE INDICATOR

COPY AS NEEDED

NOTES:

TEXT FOR NOTE 1

TEXT FOR NOTE 2



IDENTIFY CONNECTING SHEET NUMBERS
SHEET 9 CLOCKS IN

DO NOT USE TWP POINT CONNECTIONS

SE OFFSET CONNECTIONS

TRANSMISSION LINE SYMBOLS

CABLE EXAMPLES: COAXIAL, MICROSTRIP, AND LINES AS NEEDED

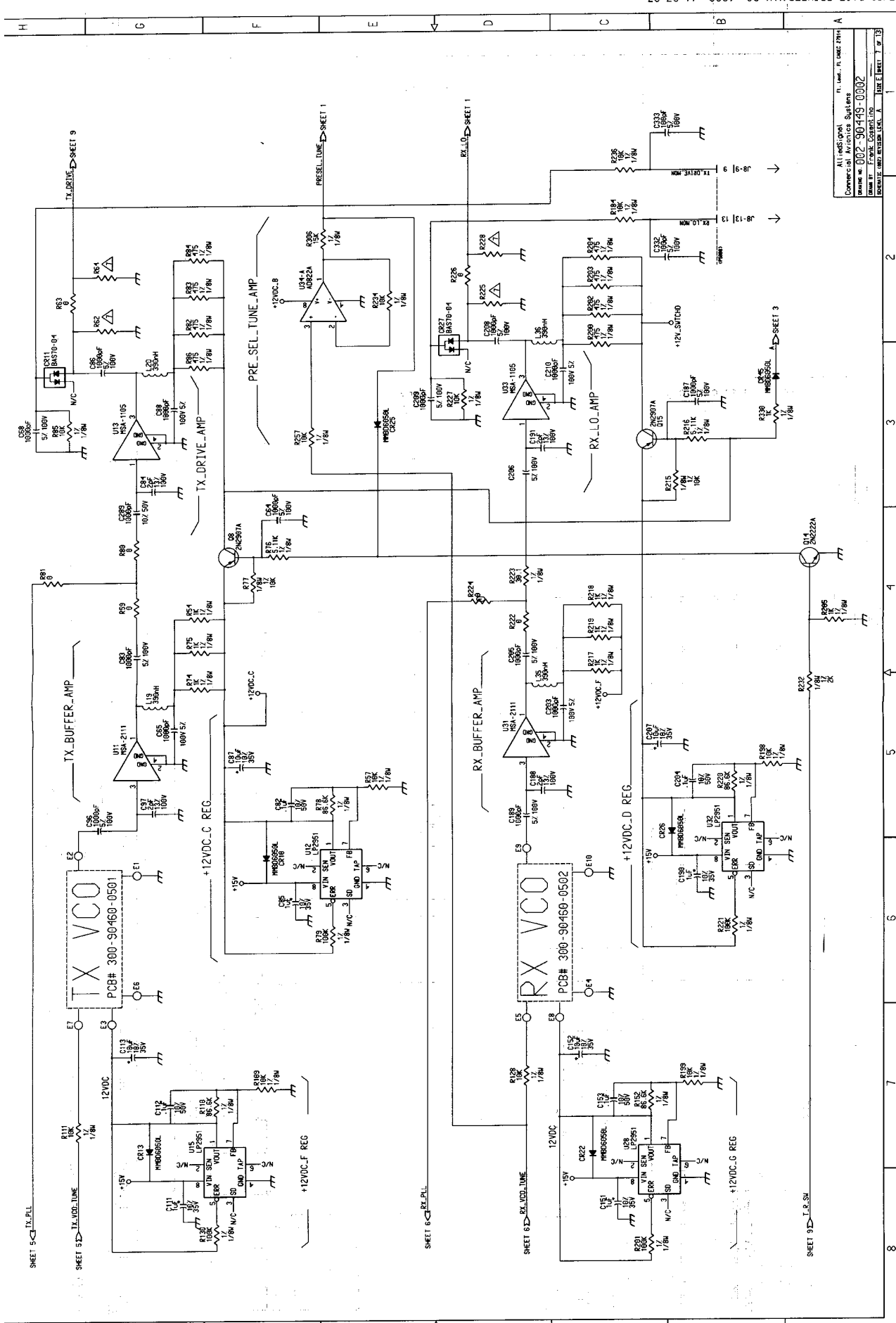
NOTE INDICATOR

COPY AS NEEDED

NOTES:

TEXT FOR NOTE 1

TEXT FOR NOTE 2



THIS PAGE PRINTED MAY 28, 1998, 11:37:37 am

904490003R000C.F10 schematic sheet 7

12

Model Version: 1.0

Edited By: COSENTINO

5/98

Border Rev

904490003R000C.F10 schematic sheet 7

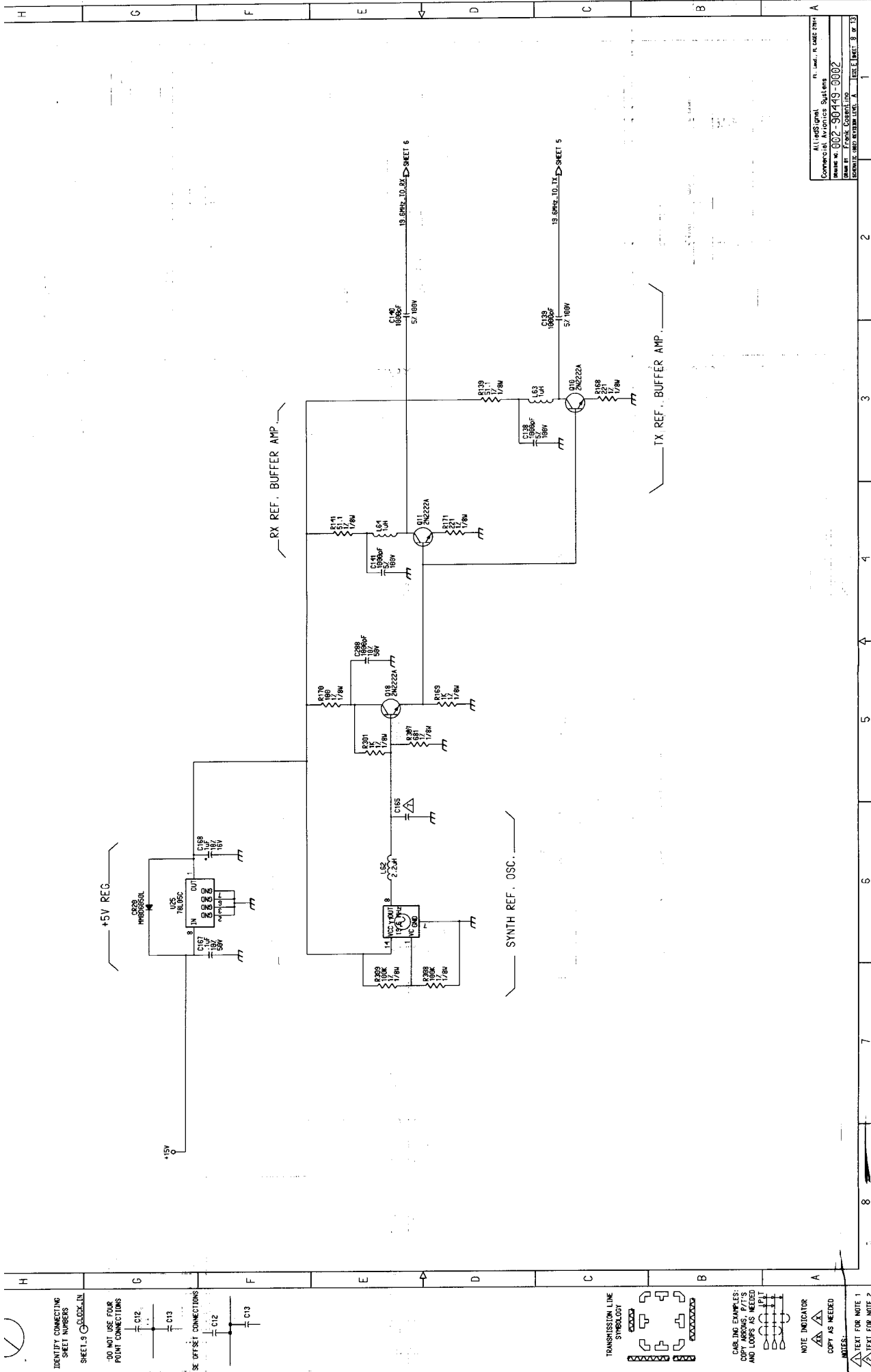
12

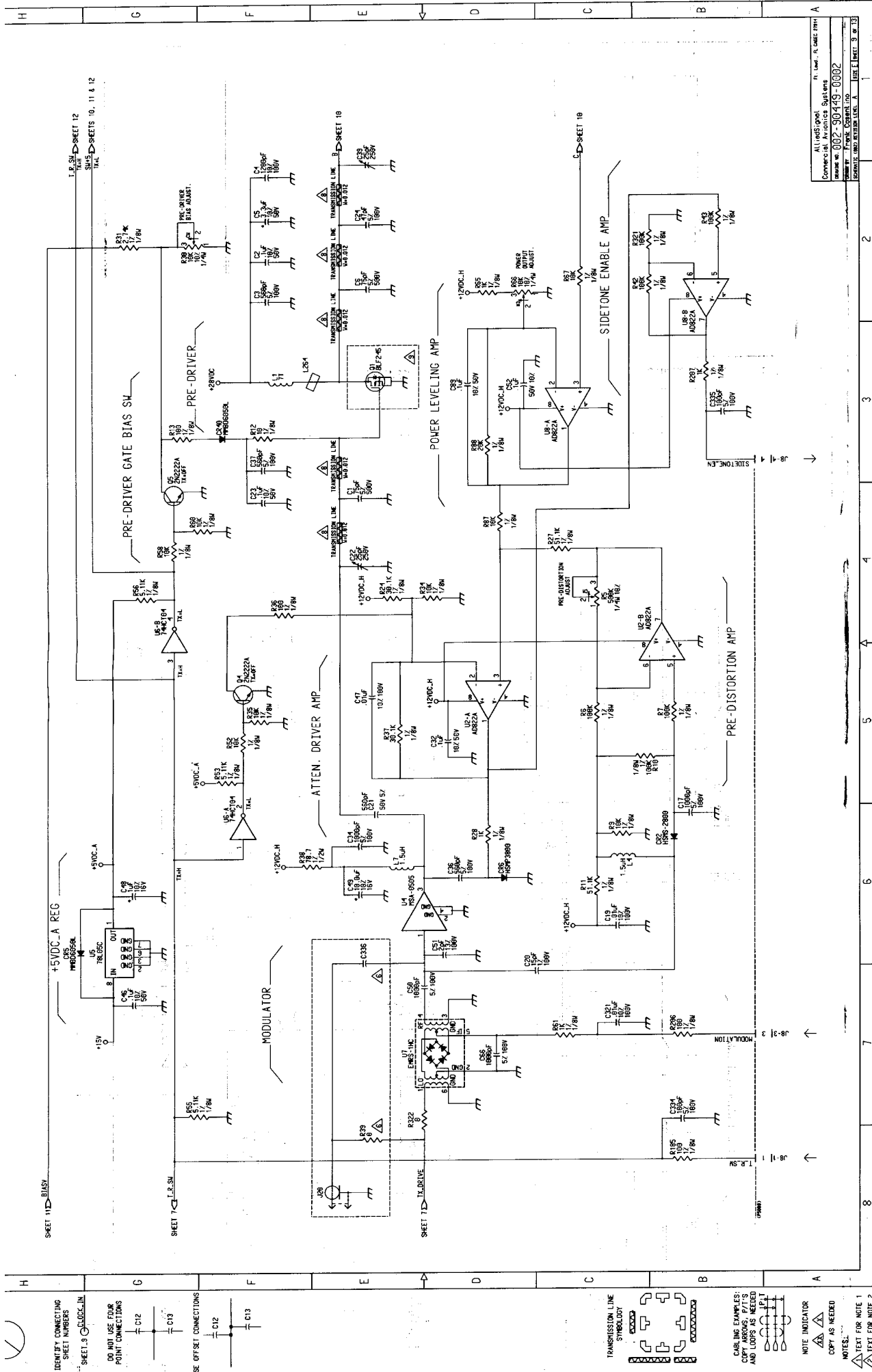
Model Version: 1.0

Edited By: COSENTINO

5/98

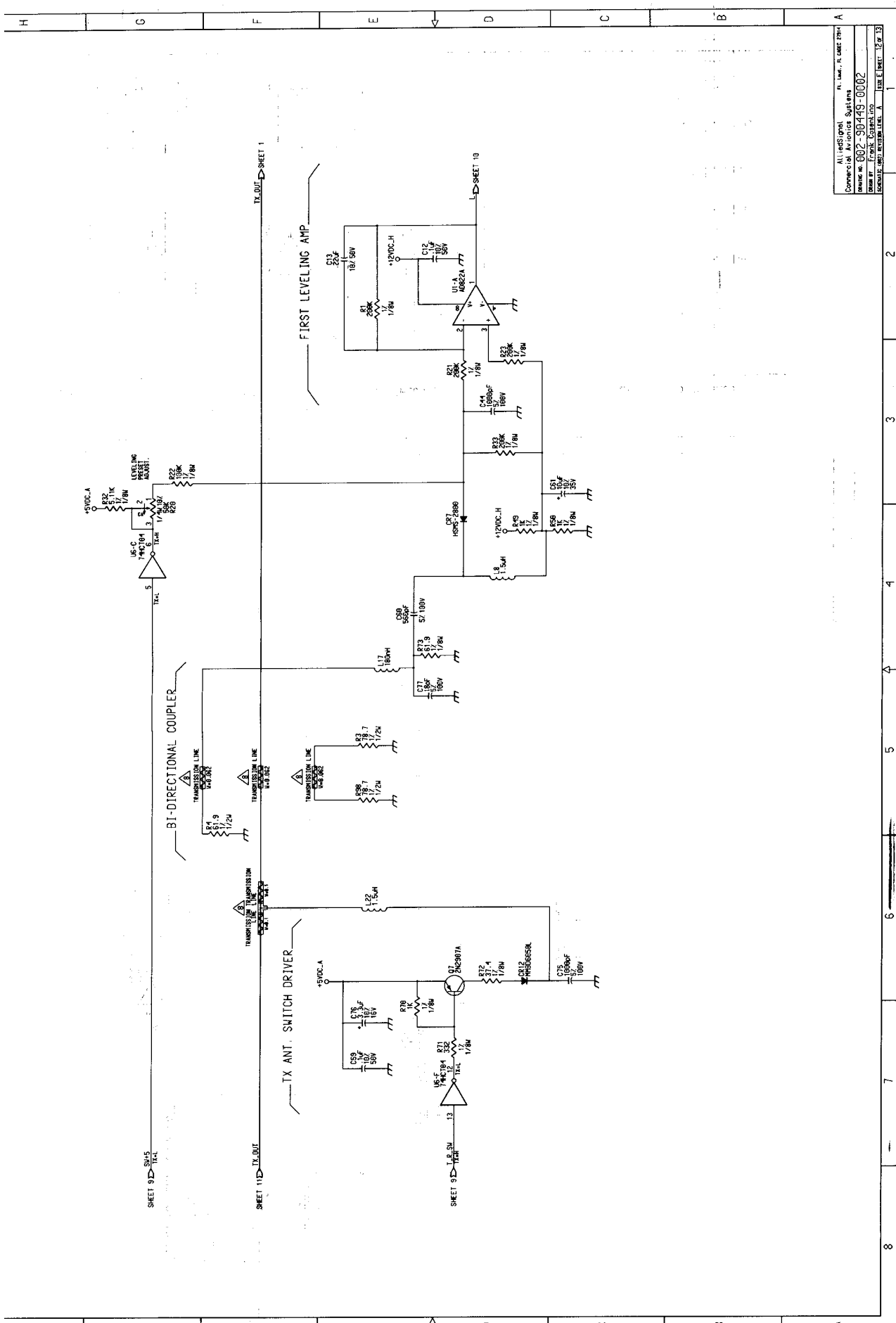
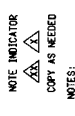
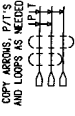
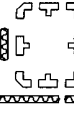
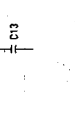
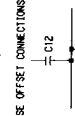
Border Rev





SHEET_9 CLOCK.IN

DO NOT USE FOUR
POINT CONNECTIONS



IDENTITY CONNECTING SHEET NUMBERS

SHEET 9

DO NOT USE FOUR POINT CONNECTIONS

SE OFFSET CONNECTIONS

TRANSMISSION LINE SYMBOLS

DO NOT USE: COPY ARROWS, DOTS AND LOOPS AS NEEDED

NOTE INDICATOR

NOTE: COPY AS NEEDED

TEXT FOR NOTE 1

TEXT FOR NOTE 2

