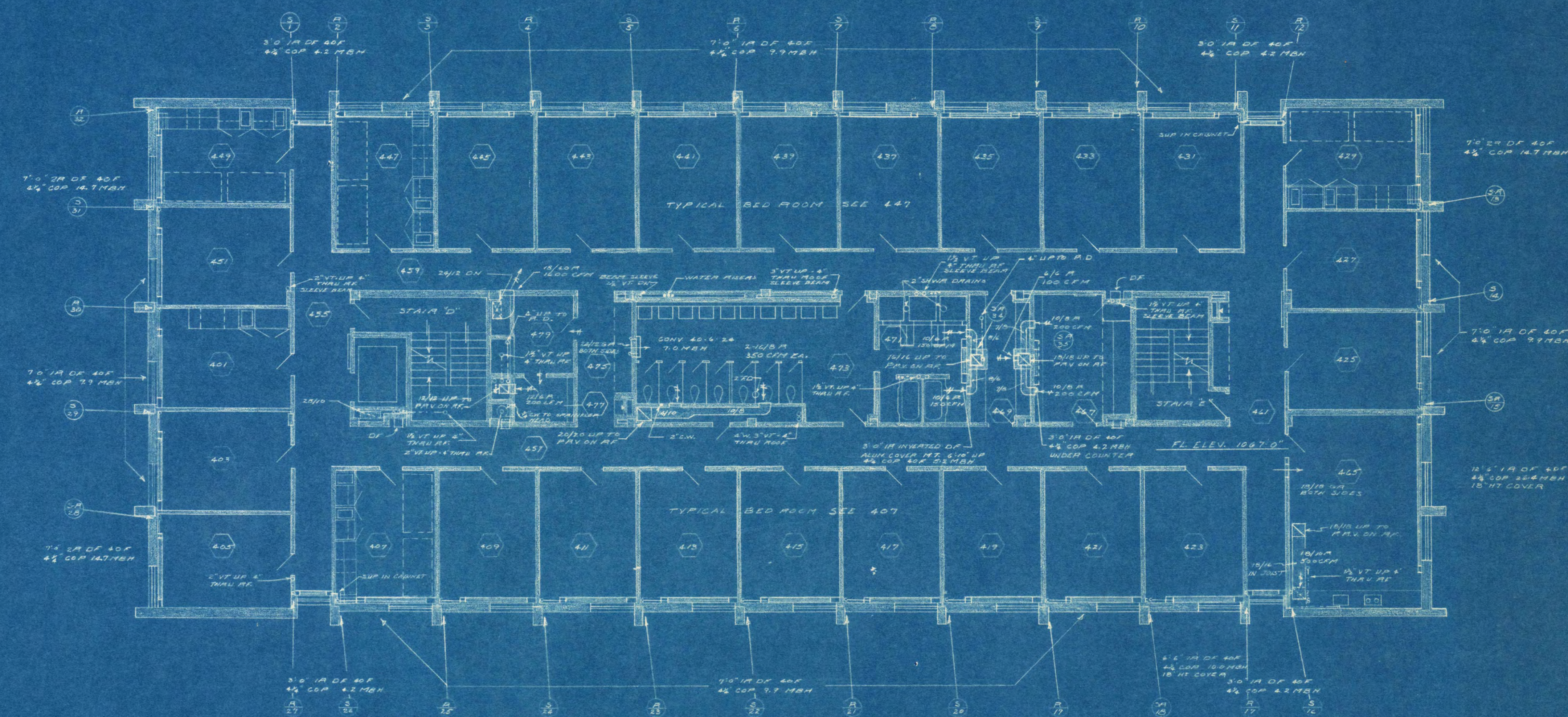
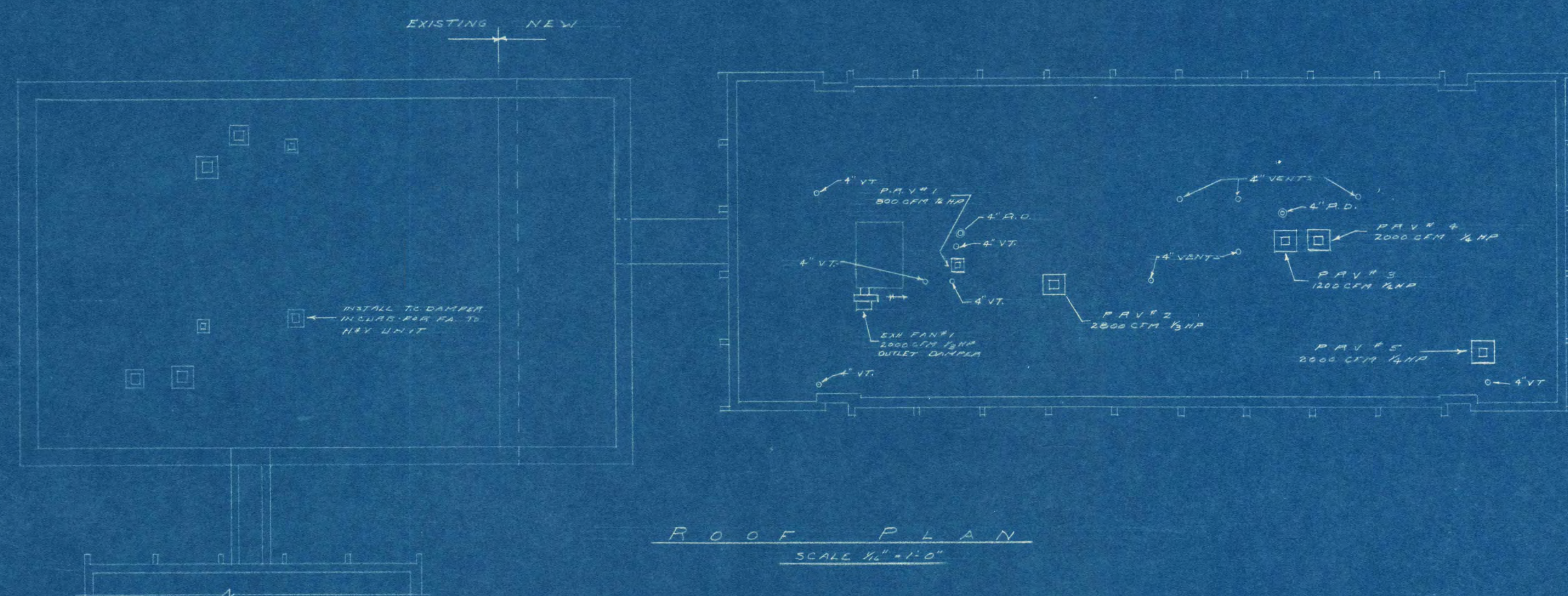
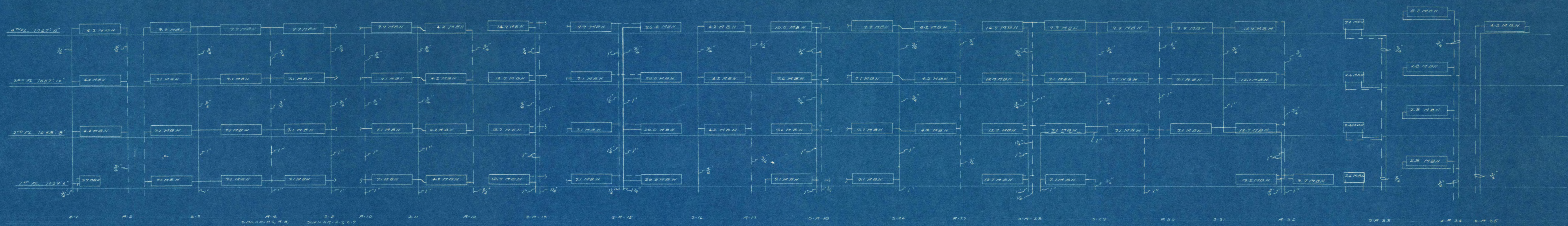






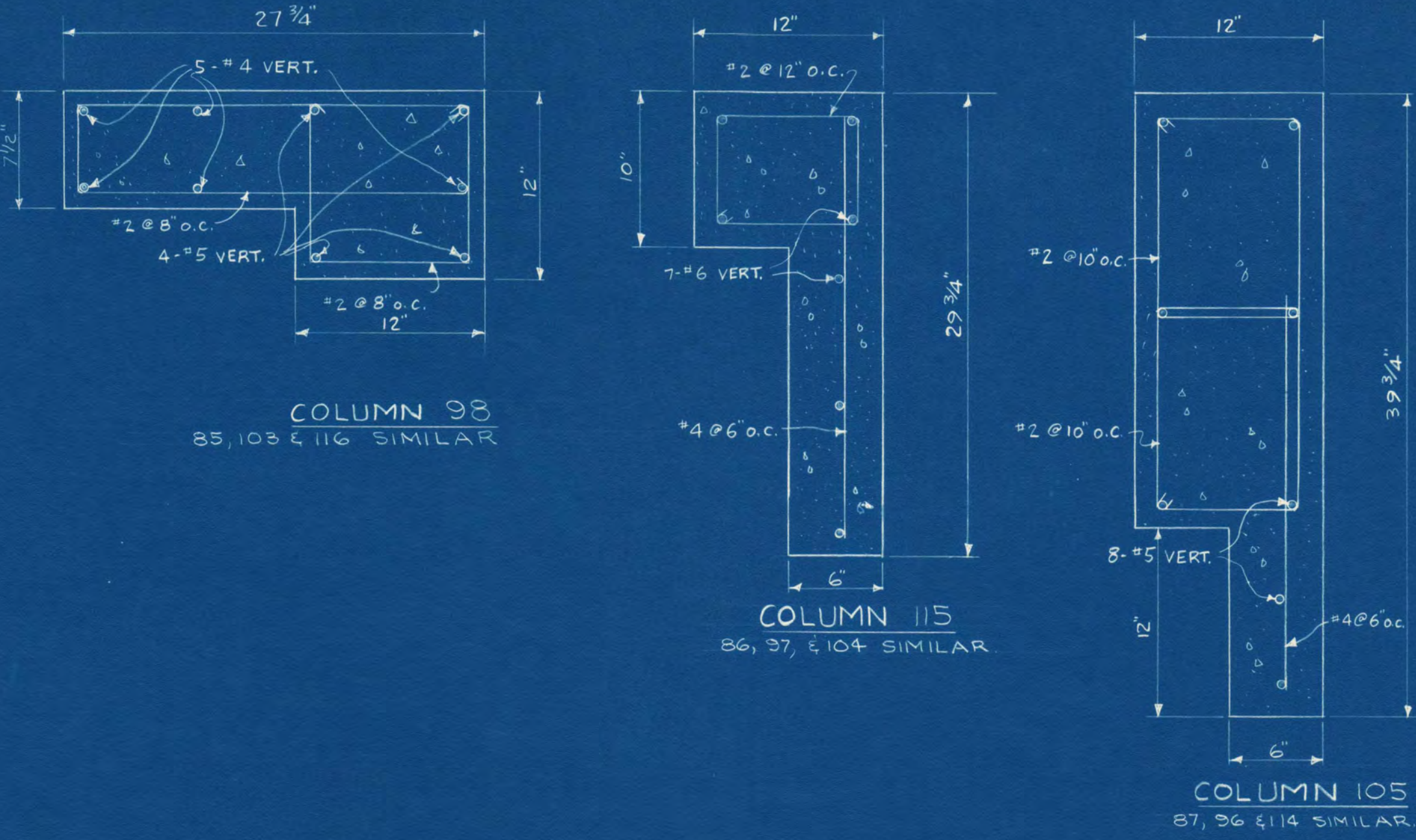
| Room Schedule |                  |
|---------------|------------------|
| 401           | Supervisors Room |
| 403 to 405    | Bed Rooms        |
| 405           | Corridor         |
| 407           | Corridor         |
| 409           | Corridor         |
| 401           | Corridor         |
| 405           | Activity Room    |
| 407           | Utilities        |
| 409           | Line             |
| 471           | Bed Room         |
| 473           | Toilet           |
| 475           | Cost Room        |
| 477           | Custodian        |
| 479           | Arts Room        |
| Stair "D"     |                  |
| Stair "E"     |                  |

|                                                                                |                                                                                                             |                  |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------|
| ADDITION TO HELEN HILL HALL<br>ST. CLOUD STATE COLLEGE<br>ST. CLOUD, MINNESOTA |                                                                                                             |                  |
| COMM. NO.<br>663-5                                                             | JACKSON HAHN ASSOCIATES, INC.<br>ST. CLOUD, MINNESOTA                                                       | SHEET NO.<br>M-5 |
| DRAWN BY<br>M.W.H.                                                             | ORR SCHELEN MAYERSON<br>& ASSOCIATES, INC.<br>CONSULTING ENGINEERS<br>1017 CARROLL AVENUE, ST. CLOUD, MINN. | PROJECT NO.      |
| DATE<br>6-28-63                                                                | APPROVED BY                                                                                                 | D-1              |
| DESIGNED BY                                                                    | APPROVED BY                                                                                                 |                  |
|                                                                                | APPROVED BY                                                                                                 |                  |

# CONCRETE COLUMN AND FOOTING SCHEDULE

| COLUMN             | 85, 98                     | 86, 97                       | 87, 96                     | 88 THRU 95                 | 99                         | 100                        | 117                        | 118                        | 119                        | 120                        | 121                        | 122, 124, 125              | 123                        | 126                        | 127                        | 128                         |  |
|--------------------|----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|--|
| NUMBERS            | 103, 116                   | 104, 115                     | 105, 114                   | 106 THRU 113               | 102                        | 101                        | 140                        | 139                        | 138                        | 137                        | 136                        | 132, 133, 135              | 123                        | 131, 134                   | 130                        | 129                         |  |
| COLUMN SIZE        | SEE DETAIL                 | SEE DETAIL                   | SEE DETAIL                 | 12 x 27 3/4"               | 27 3/4" x 12"              | 27 3/4" x 12"              | 27 3/4" x 12"              | 27 3/4" x 12"              | 8 x 18"                    | 12 x 12"                   | 12 x 12"                   | 12 x 12"                   | 8 x 18"                    | 12 x 12"                   | 12 x 12"                   | 8 x 18"                     |  |
| VERTICAL BARS      | 4 #5, 5 #4                 | 7 #6                         | 8 #5                       | 6 #5                       | 6 #5                       | 6 #5                       | 6 #5                       | 6 #5                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                        |  |
| TIES               | 2 #5, 2 #4                 | 2 #12                        | 2 #5, 2 #4                 | 2 #10                      | 2 #10                      | 2 #10                      | 2 #10                      | 2 #10                      | 2 #8                       | 2 #12                      | 2 #12                      | 2 #12                      | 2 #8                       | 2 #12                      | 2 #12                      | 2 #8                        |  |
| COLUMN LOADS       | 18"                        | 20"                          | 14"                        | 20"                        | 8"                         | 27"                        | 8"                         | 27"                        | 29"                        | 51"                        | 38"                        | 33"                        | 33"                        | 33"                        | 18"                        | 34"                         |  |
| COLUMN SIZE        | SEE DETAIL                 | SEE DETAIL                   | SEE DETAIL                 | 12 x 27 3/4"               | 27 3/4" x 12"              | 27 3/4" x 12"              | 27 3/4" x 12"              | 27 3/4" x 12"              | 8 x 18"                    | 12 x 12"                   | 12 x 12"                   | 12 x 12"                   | 8 x 18"                    | 12 x 12"                   | 12 x 12"                   | 8 x 18"                     |  |
| VERTICAL BARS      | 4 #5, 5 #4                 | 7 #6                         | 8 #5                       | 6 #5                       | 6 #5                       | 6 #5                       | 6 #5                       | 6 #5                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                        |  |
| TIES               | 2 #5, 2 #4                 | 2 #12                        | 2 #5, 2 #4                 | 2 #10                      | 2 #10                      | 2 #10                      | 2 #10                      | 2 #10                      | 2 #8                       | 2 #12                      | 2 #12                      | 2 #12                      | 2 #8                       | 2 #12                      | 2 #12                      | 2 #8                        |  |
| COLUMN LOADS       | 49"                        | 54"                          | 39"                        | 54"                        | 27"                        | 71"                        | 27"                        | 71"                        | 63"                        | 91"                        | 108"                       | 88"                        | 77"                        | 77"                        | 54"                        | 83"                         |  |
| COLUMN SIZE        | SEE DETAIL                 | SEE DETAIL                   | SEE DETAIL                 | 12 x 27 3/4"               | 27 3/4" x 12"              | 27 3/4" x 12"              | 27 3/4" x 12"              | 27 3/4" x 12"              | 8 x 18"                    | 12 x 12"                   | 12 x 12"                   | 12 x 12"                   | 8 x 18"                    | 12 x 12"                   | 12 x 12"                   | 8 x 18"                     |  |
| VERTICAL BARS      | 4 #5, 5 #4                 | 7 #6                         | 8 #5                       | 6 #5                       | 6 #5                       | 6 #5                       | 6 #5                       | 6 #5                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                        |  |
| TIES               | 2 #5, 2 #4                 | 2 #12                        | 2 #5, 2 #4                 | 2 #10                      | 2 #10                      | 2 #10                      | 2 #10                      | 2 #10                      | 2 #8                       | 2 #12                      | 2 #12                      | 2 #12                      | 2 #8                       | 2 #12                      | 2 #12                      | 2 #8                        |  |
| COLUMN LOADS       | 111"                       | 124"                         | 90"                        | 128"                       | 64"                        | 64"                        | 64"                        | 64"                        | 58"                        | 141"                       | 170"                       | 188"                       | 164"                       | 164"                       | 125"                       | 180"                        |  |
| COLUMN SIZE        | SEE DETAIL                 | SEE DETAIL                   | SEE DETAIL                 | 12 x 27 3/4"               | 27 3/4" x 12"              | 27 3/4" x 12"              | 27 3/4" x 12"              | 27 3/4" x 12"              | 8 x 18"                    | 12 x 12"                   | 12 x 12"                   | 12 x 12"                   | 8 x 18"                    | 12 x 12"                   | 12 x 12"                   | 8 x 18"                     |  |
| VERTICAL BARS      | 4 #5, 5 #4                 | 7 #6                         | 8 #5                       | 6 #5                       | 6 #5                       | 6 #5                       | 6 #5                       | 6 #5                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                        |  |
| TIES               | 2 #5, 2 #4                 | 2 #12                        | 2 #5, 2 #4                 | 2 #10                      | 2 #10                      | 2 #10                      | 2 #10                      | 2 #10                      | 2 #8                       | 2 #12                      | 2 #12                      | 2 #12                      | 2 #8                       | 2 #12                      | 2 #12                      | 2 #8                        |  |
| COLUMN LOADS       | 111"                       | 124"                         | 90"                        | 128"                       | 64"                        | 64"                        | 64"                        | 64"                        | 58"                        | 141"                       | 170"                       | 188"                       | 164"                       | 164"                       | 125"                       | 180"                        |  |
| DOWELS             | 4 #5, 5 #4                 | 7 #6                         | 8 #5                       | 6 #5                       | 6 #5                       | 6 #5                       | 6 #5                       | 6 #5                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                       | 4 #6                        |  |
| ELEV. TOP OF FTG.  | 85' 10 3/8" (103' 10 3/8") | 86' 8 7/8" (104' 8 7/8")     | 87' 10 1/8" (105' 10 1/8") | 88' 10 1/8" (106' 10 1/8") | 89' 10 1/8" (107' 10 1/8") | 90' 10 1/8" (108' 10 1/8") | 91' 10 1/8" (109' 10 1/8") | 92' 10 1/8" (110' 10 1/8") | 93' 10 1/8" (111' 10 1/8") | 94' 10 1/8" (112' 10 1/8") | 95' 10 1/8" (113' 10 1/8") | 96' 10 1/8" (114' 10 1/8") | 97' 10 1/8" (115' 10 1/8") | 98' 10 1/8" (116' 10 1/8") | 99' 10 1/8" (117' 10 1/8") | 100' 10 1/8" (118' 10 1/8") |  |
| FOOTING TOP        | 5' 6" x 5' 6"              | 10' 0" x 5' 3"               | 5' 6" x 5' 6"              | 4' 6" x 4' 6"              | 6' 0" x 6' 0"              | 4' 6" x 4' 6"              | 7' 0" x 7' 0"              | 6' 0" x 6' 0"              | 7' 0" x 7' 0"              | 6' 0" x 6' 0"              | 6' 0" x 6' 0"              | 6' 0" x 6' 0"              | 6' 0" x 6' 0"              | 5' 6" x 5' 6"              | 6' 0" x 6' 0"              | 6' 0" x 6' 0"               |  |
| REIN. E.W. DIR.    | 12 #5                      | 6 #4 @ 6" O.C. CENT. EA. WAY | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                       |  |
| N.S. DIR.          | 12 #5                      | 7 #5 x 9' 6"                 | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                      | 12 #5                       |  |
| ELEV. BOT. OF FTG. | 85' 10 3/8" (103' 10 3/8") | 86' 8 7/8" (104' 8 7/8")     | 87' 10 1/8" (105' 10 1/8") | 88' 10 1/8" (106' 10 1/8") | 89' 10 1/8" (107' 10 1/8") | 90' 10 1/8" (108' 10 1/8") | 91' 10 1/8" (109' 10 1/8") | 92' 10 1/8" (110' 10 1/8") | 93' 10 1/8" (111' 10 1/8") | 94' 10 1/8" (112' 10 1/8") | 95' 10 1/8" (113' 10 1/8") | 96' 10 1/8" (114' 10 1/8") | 97' 10 1/8" (115' 10 1/8") | 98' 10 1/8" (116' 10 1/8") | 99' 10 1/8" (117' 10 1/8") | 100' 10 1/8" (118' 10 1/8") |  |

SCHEDULE NOTES:  
 FIRST DIMENSION GIVEN LEFT TO RIGHT (SOUTH TO NORTH) DIRECTION. COLUMNS IN WALLS ARE SHOWN FOR REINFORCING PURPOSES ONLY, AND MUST BE POURED WITH WALLS. EXTEND DOWELS 20 DIA. INTO COLUMNS AND 30 DIA. INTO FOOTINGS WITH 6" MIN. RADIUS BEND. EXTEND VERTICAL BARS (SAME NO. AS IN COL. ABOVE) 20 DIA. ABOVE 2ND FLOOR. SEE ARCH. DRAWING FOR JOINTS, ELEVATIONS, AND REINFORCING. CONCRETE COLUMN DESIGN IS BASED ON ULTIMATE STRENGTH USING A LOAD FACTOR OF K=2.



## STRUCTURAL NOTES

DESIGN DATA  
 FC = COMPRESSIVE CONC. STRESS IN 28 DAYS  
 (FOOTINGS, WALLS, COLUMNS POURED WITH WALLS, FLOOR SLAB, & CEMENT FLOORING)  
 FC = 3,000 #/sq. IN. FOR SLABS POURED ON GRADE, TUNNEL SLAB, & CEMENT FLOORING  
 FC = 4,000 #/sq. IN. FOR ALL SUPPORTED SLABS, SOLID & RIBBED BEAMS, & COLUMNS - UNLESS NOTED  
 FS = 20,000 #/sq. IN. N.B. REIN. BARS UNLESS NOTED  
 FY = 33,000 #/sq. IN. FOR STEEL PLATE AND ANGLES.  
 FY = 36,000 #/sq. IN. FOR STRUCTURAL STEEL BEAMS & COLUMNS.  
 FY = 60,000 #/sq. IN. ALL CONC. COLUMN REIN.  
 LIVE LOADS: ROOF = 40 #/sq. FT.; ROOMS = 100 #/sq. FT.; EQUIV. PARTITION; LOUNGES, DINING ROOM, CORRIDORS, & MECH. EQUIP. ROOMS = 80 #/sq. FT.; STAIRS = 100 #/sq. FT.  
 1 1/2 FLOOR 1 STORY PORTION = 100 #/sq. FT.  
 DESIGN CODES: CONCRETE A.C.I. BUILDING CODE  
 STRUCTURAL STEEL A.I.S.C. SPECS  
 STEEL JOISTS STEEL JOIST INSTITUTE SPECS  
 MAXIMUM SOIL BEARING = 5,000 #/sq. FT.

FOOTINGS  
 WALL FOOTINGS ARE CONTINUOUS POURED CONCRETE FOOTINGS. PLACE CONTINUOUS BARS 3" CLEAR BOTTOM & SIDES, LAPPING 18" AT SPLICES, AND FULL CROSSING LAP AT INTERSECTIONS AND CORNERS. EXTEND FTG. BARS 18" INTO COLUMN FOOTINGS, UNLESS OTHERWISE NOTED. COLUMN FTGS. ARE CENTERED ON COLS. AND WALL FTGS. ARE CENTERED ON WALLS. SEE PLAN FOR ELEV. BOTTOM OF WALL FOOTINGS. ELEVATION OF COLUMN FOOTINGS ARE SHOWN IN SCHEDULE.

POURED CONCRETE WALLS  
 USE #4 @ 12" O.C. EA. WAY INSIDE FACE OF 8" 10" (12" WALLS UNLESS NOTED. ADD #4 @ 4'-0" O.C. EA. WAY @ 12" O.C. HORIZ. CORNER BARS IN 12" WALLS PLACE CORNER BARS 2" CL. O.F. AND USE 3" #4 VERT. FOR SUPPORT. EXT. VERT. BARS TO 2' CL. TOP FIRST FLOOR R.C. SLAB.

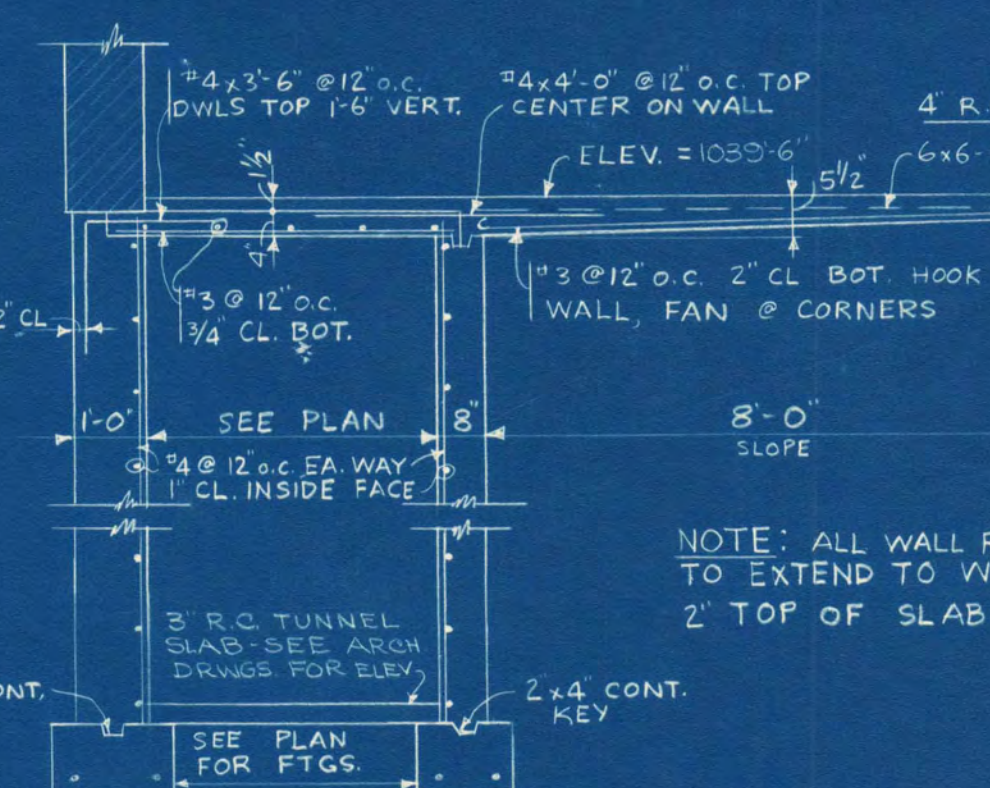
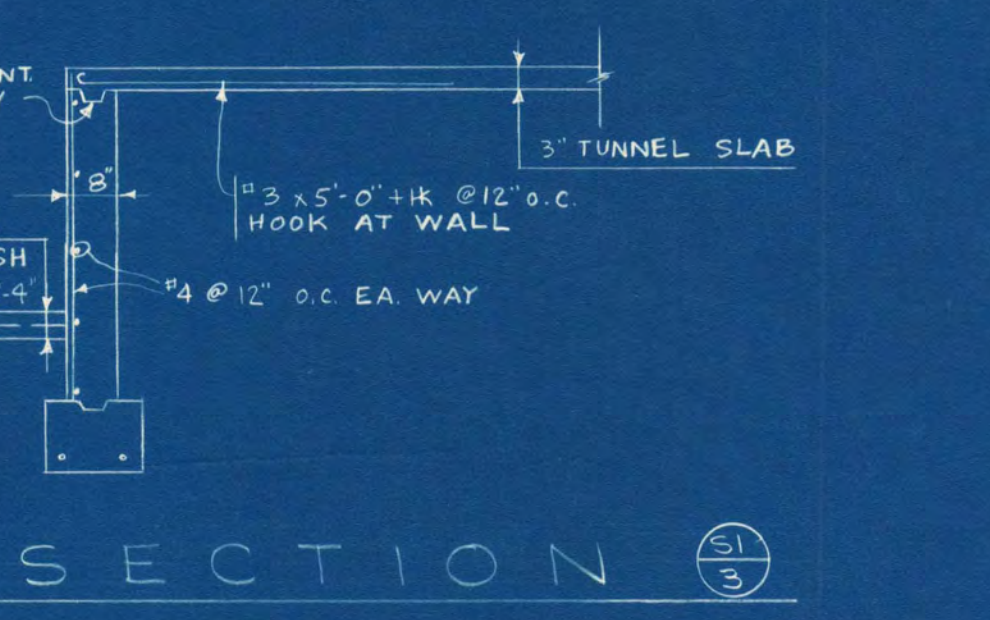
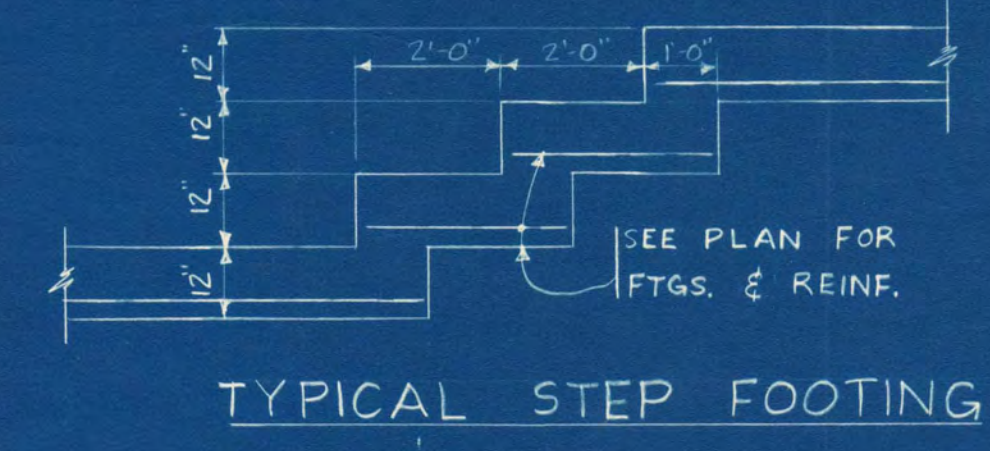
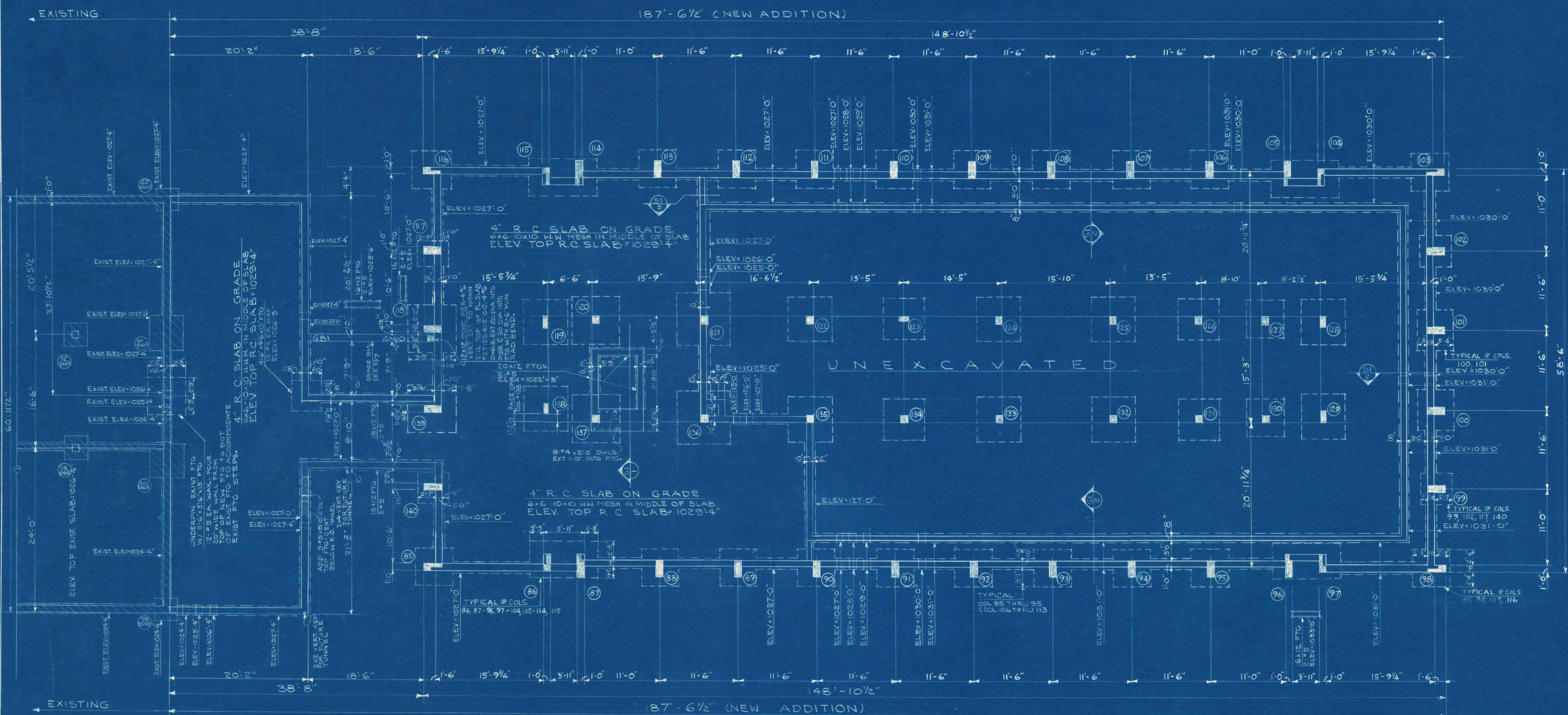
CONCRETE COVER ON BARS  
 SLAB BARS = 1/4" CL.; BEAM AND MAIN COLUMN BARS = 1 1/2" CL.; FOOTING BARS = 3" CL. BOTTOM & SIDES. SEE SECTIONS FOR OTHERS.

MECHANICAL OPENINGS  
 ALL OPENINGS NOT SHOWN ON STRUCTURAL DRAWINGS MUST BE PLACED BETWEEN JOISTS. VERIFY OPENINGS WITH MECHANICAL CONTRACTOR.

DEPRESSIONS IN SLABS  
 CONTRACTOR TO CHECK ALL FLOOR FINISHES & DEPRESS SLABS AS REQUIRED TO RECEIVE FINISHES

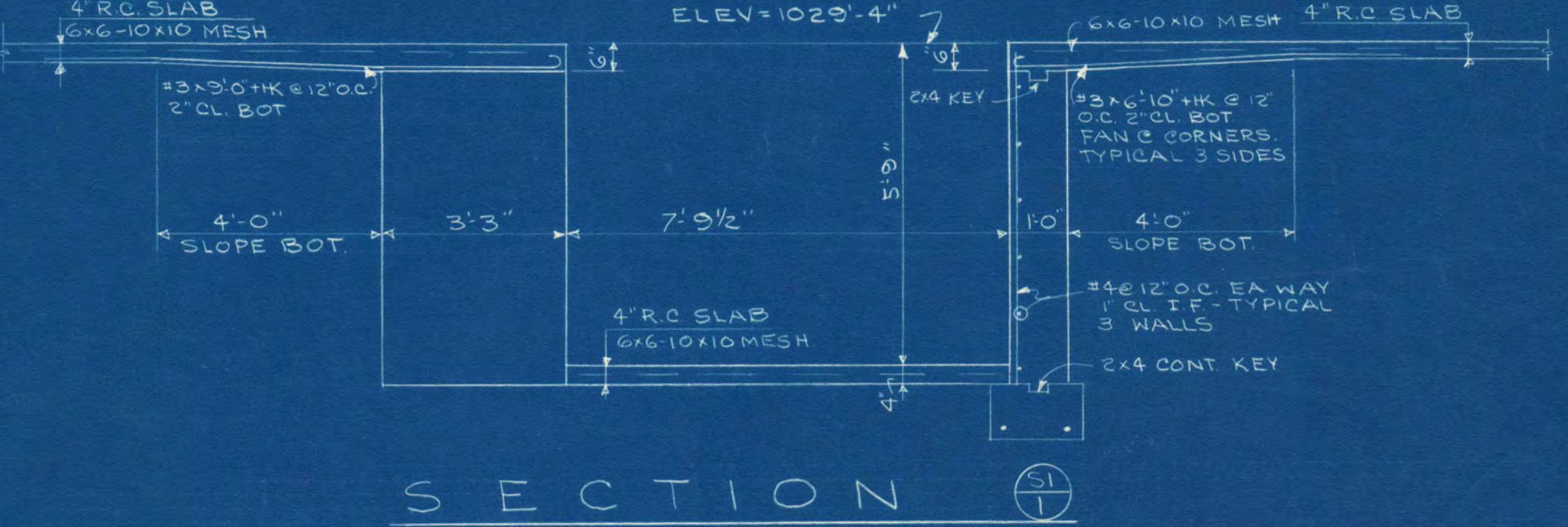
TUNNEL SLABS  
 USE 3" POURED CONCRETE SLAB FOR FLOOR IN ALL TUNNELS. NO MESH IN THESE SLABS.

BRIDGING JOISTS  
 USE 5" x 12 1/2" BRIDGING JOISTS 1 #5 TOP 1 #5 BOT. LAP 12" AT SPLICES

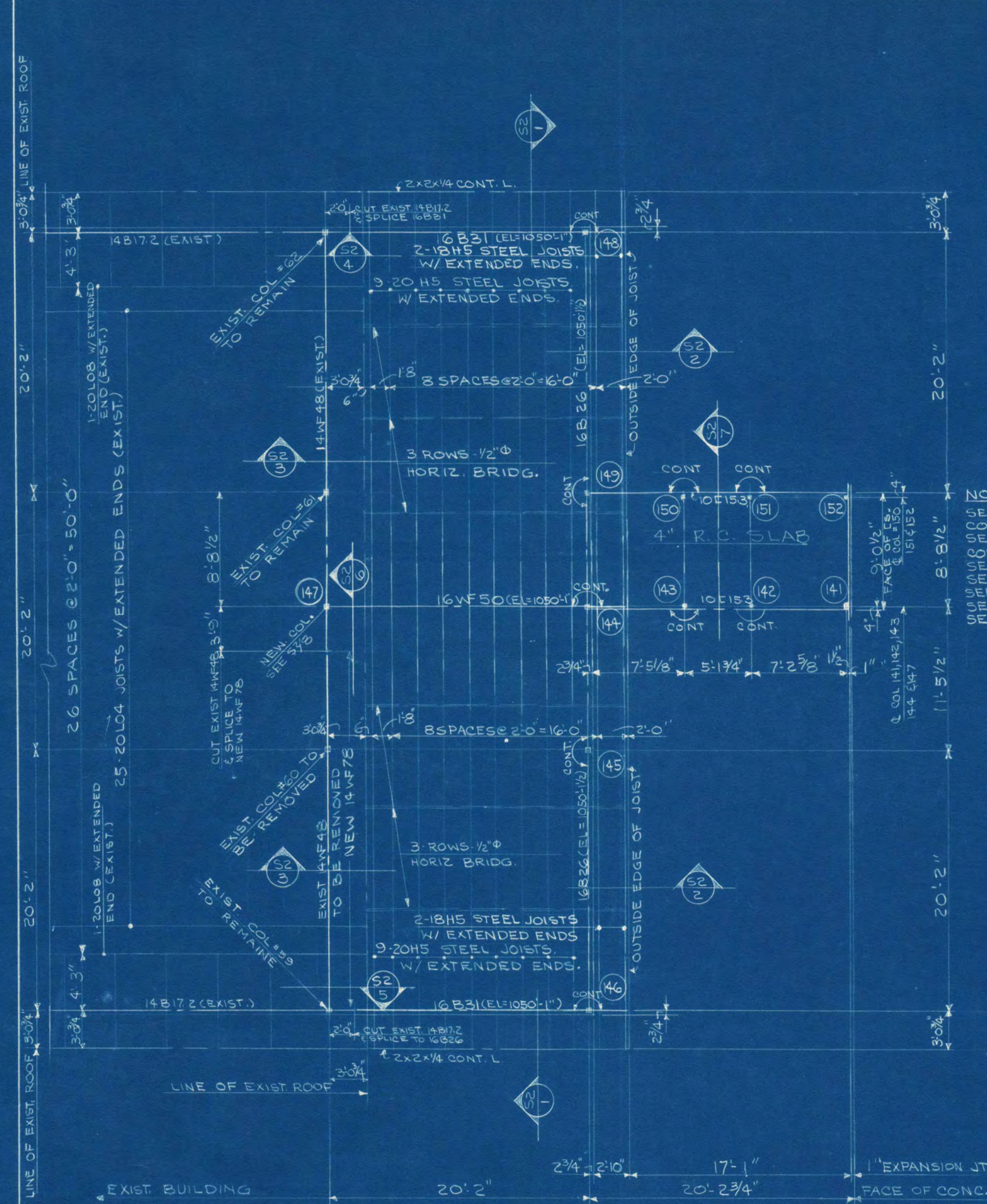


## FOOTING AND FOUNDATION PLAN

WALL FOOTINGS: USE 20 #12 WALL FTGS. 2 #5 CONT. BOT. FOR ALL 12" WALLS UNLESS NOTED  
 USE 16 #12 WALL FTGS. CONT. BOT. FOR ALL 8" WALLS UNLESS NOTED  
 ELEVATIONS ON PLAN ARE TO BOTTOM OF FOOTINGS



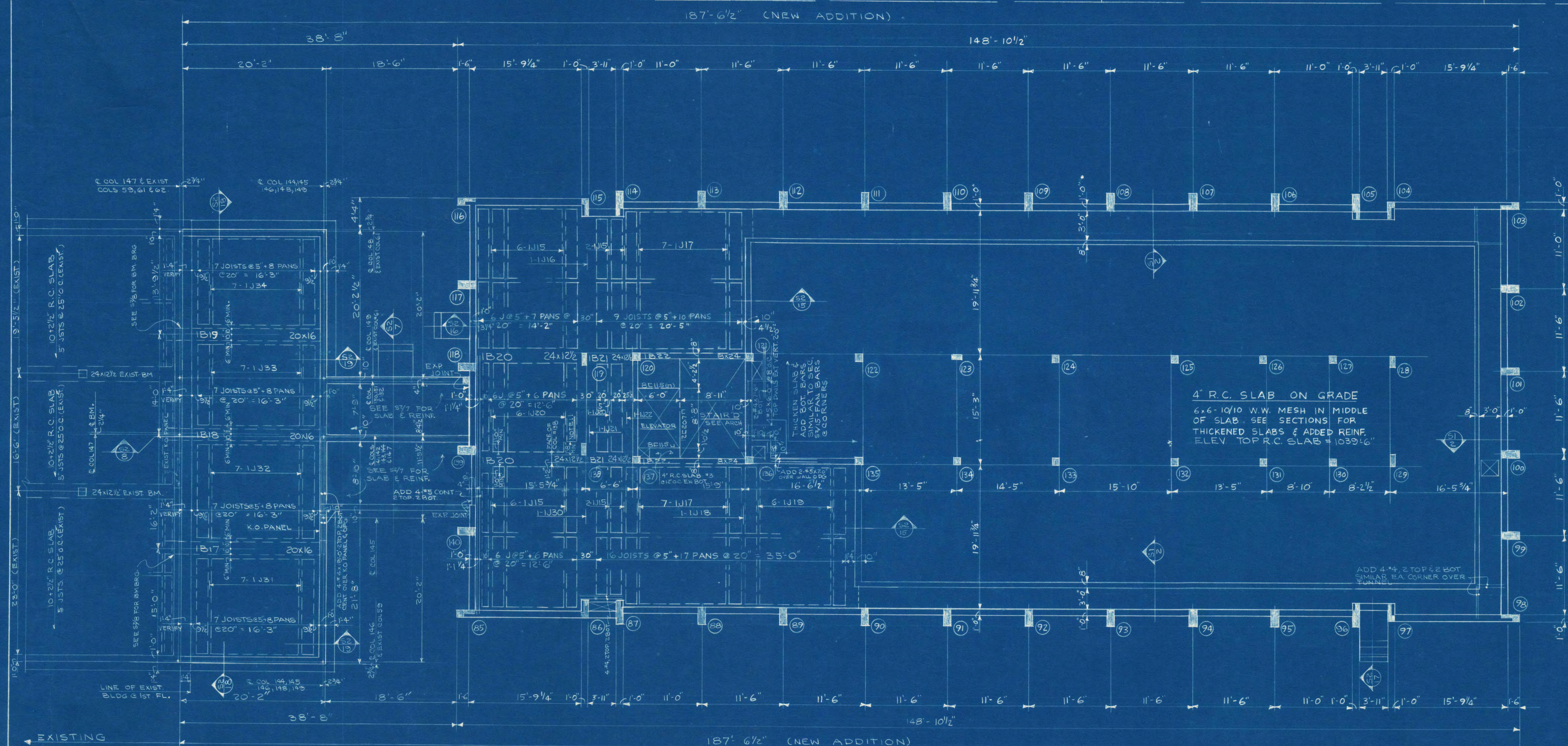
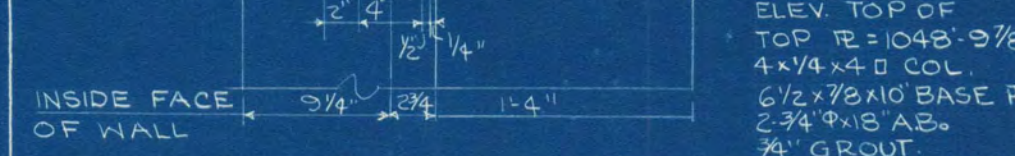
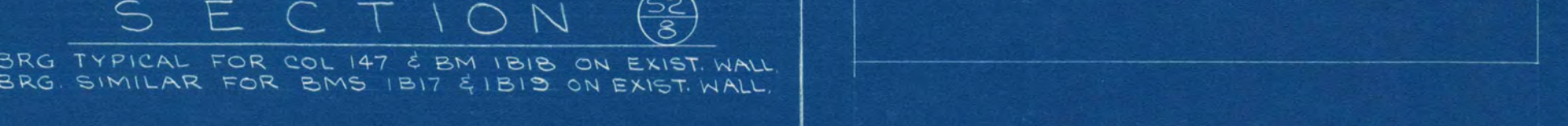
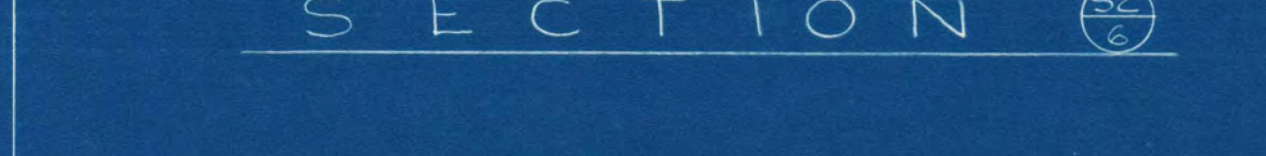
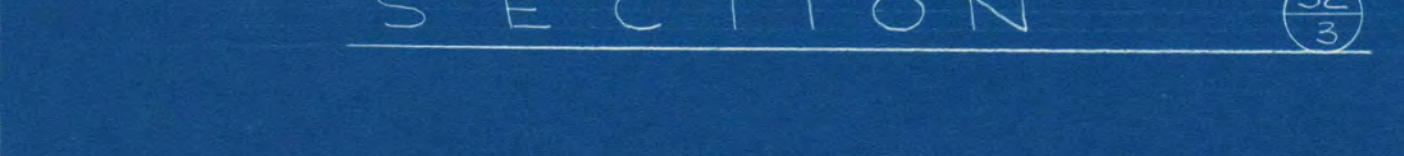
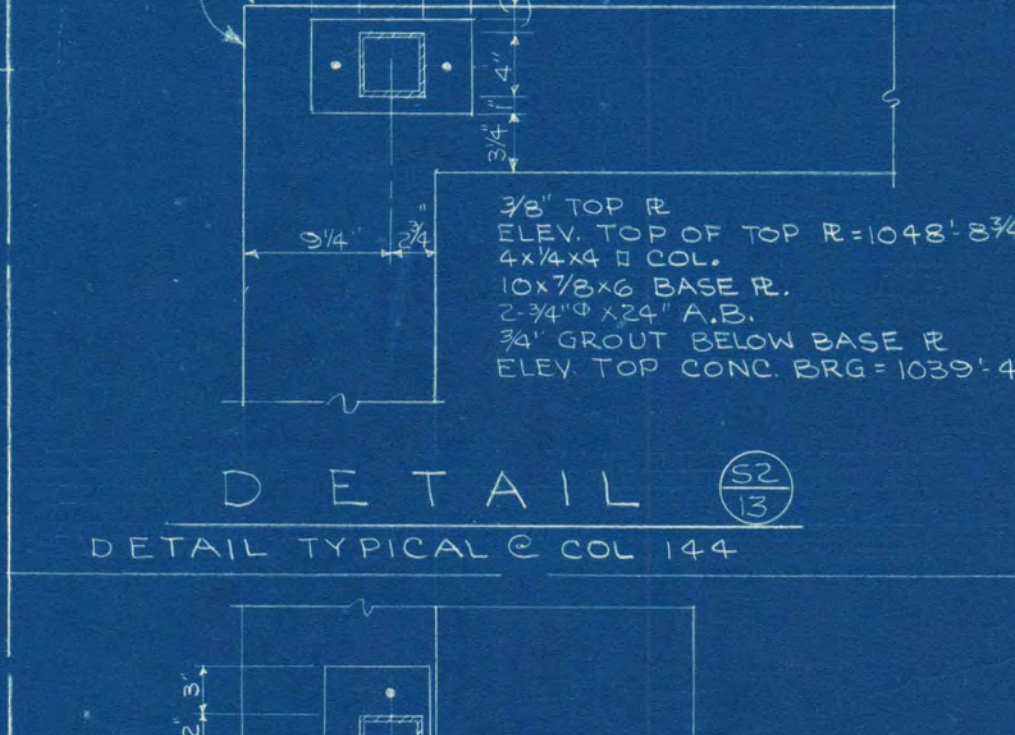
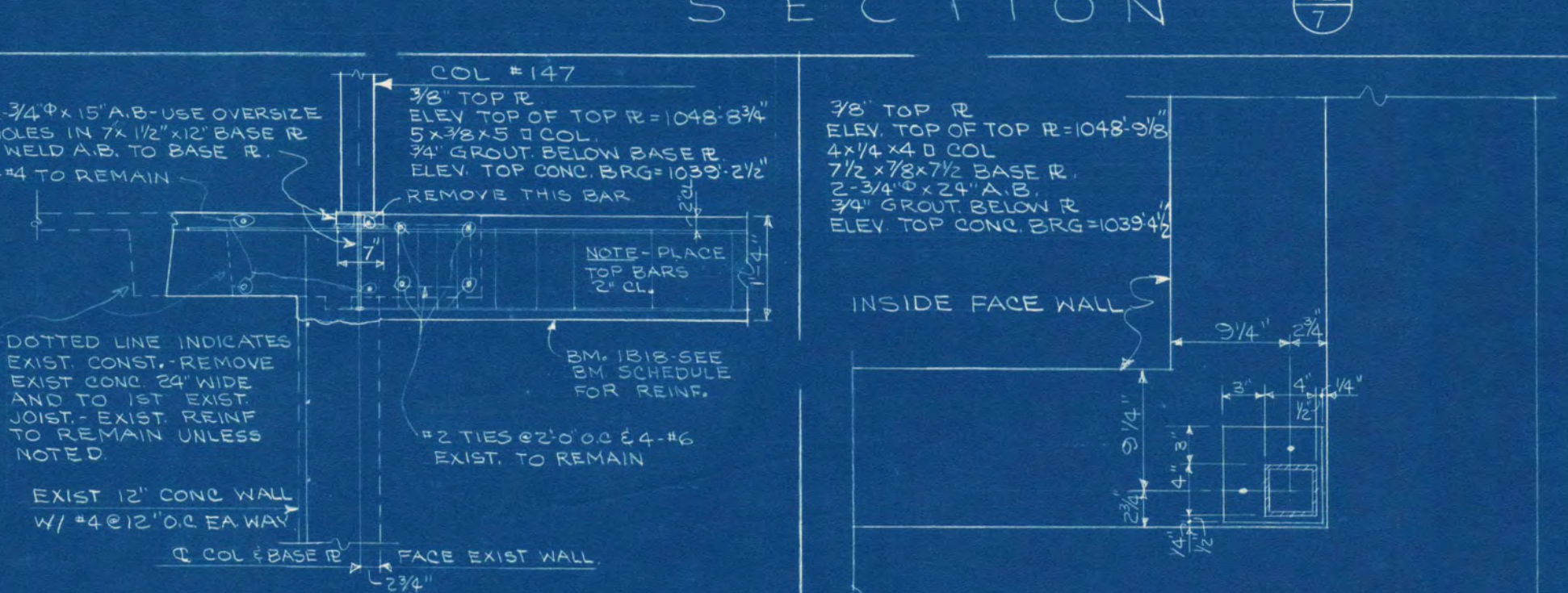
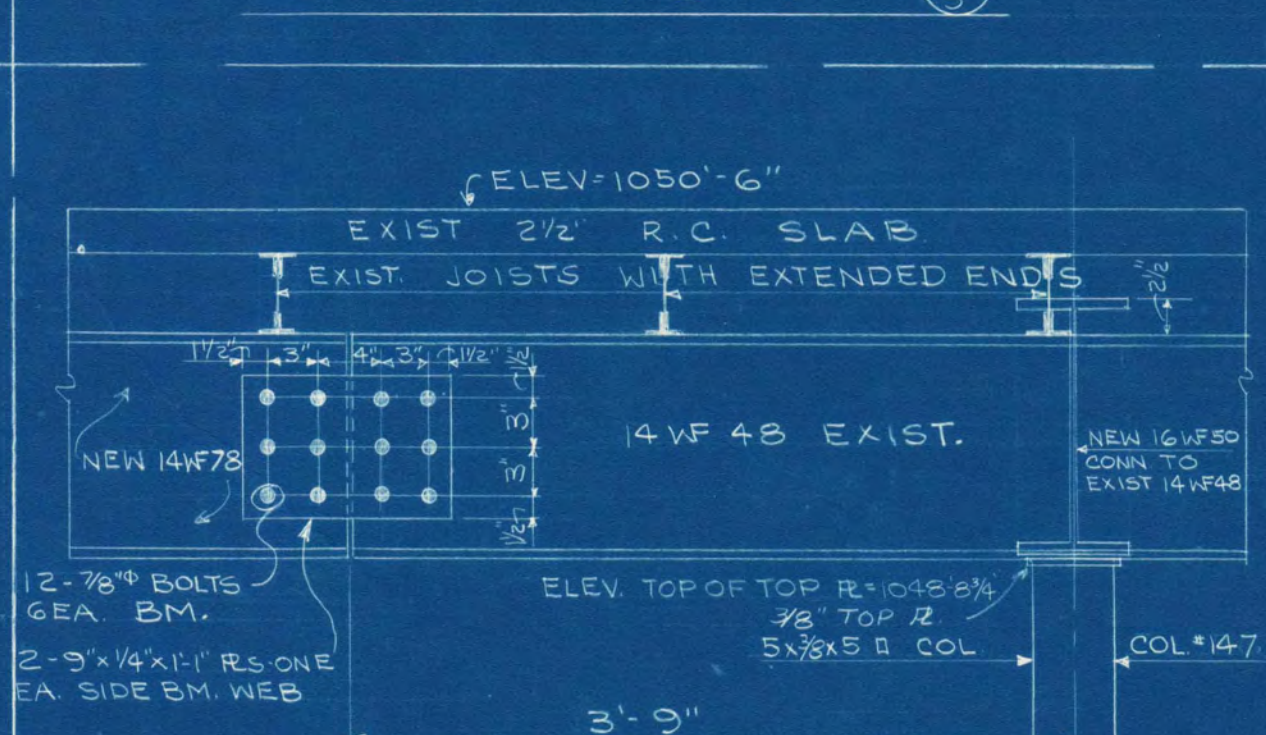
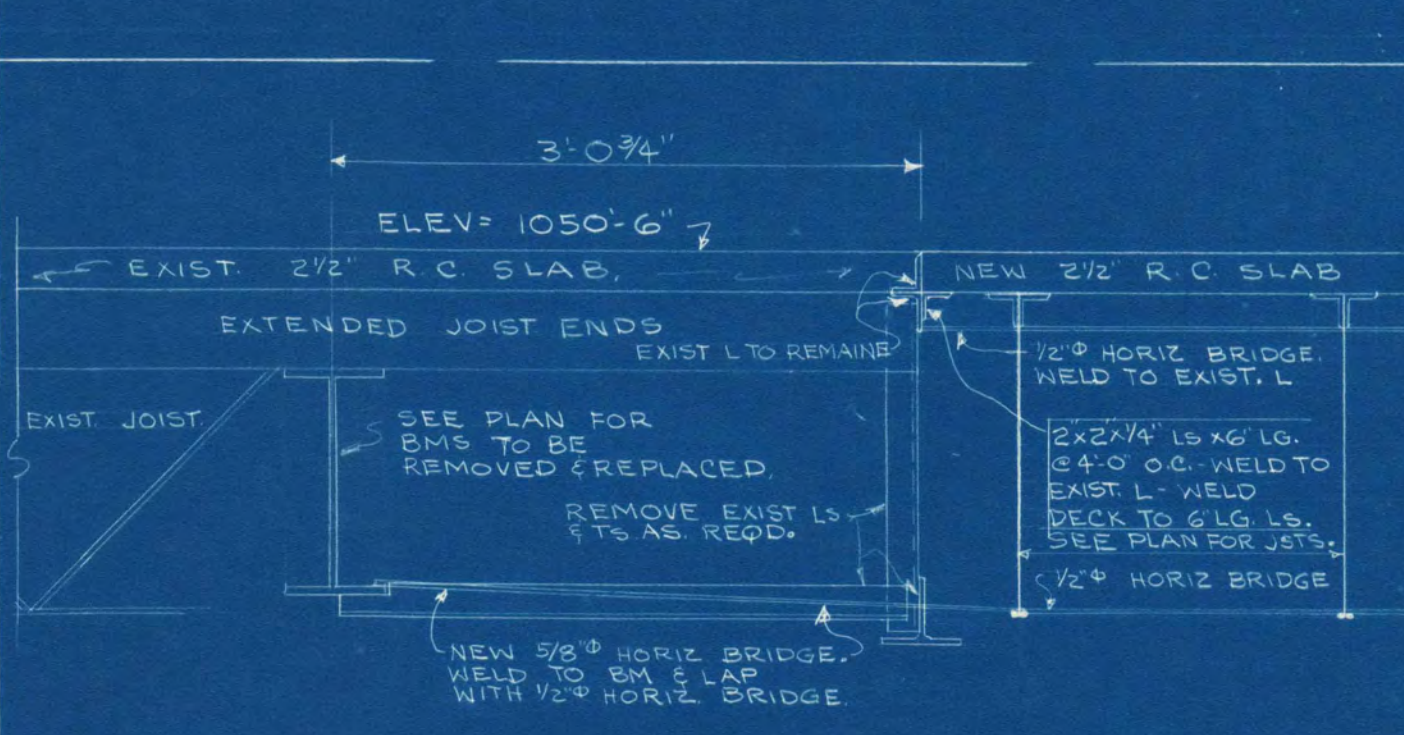
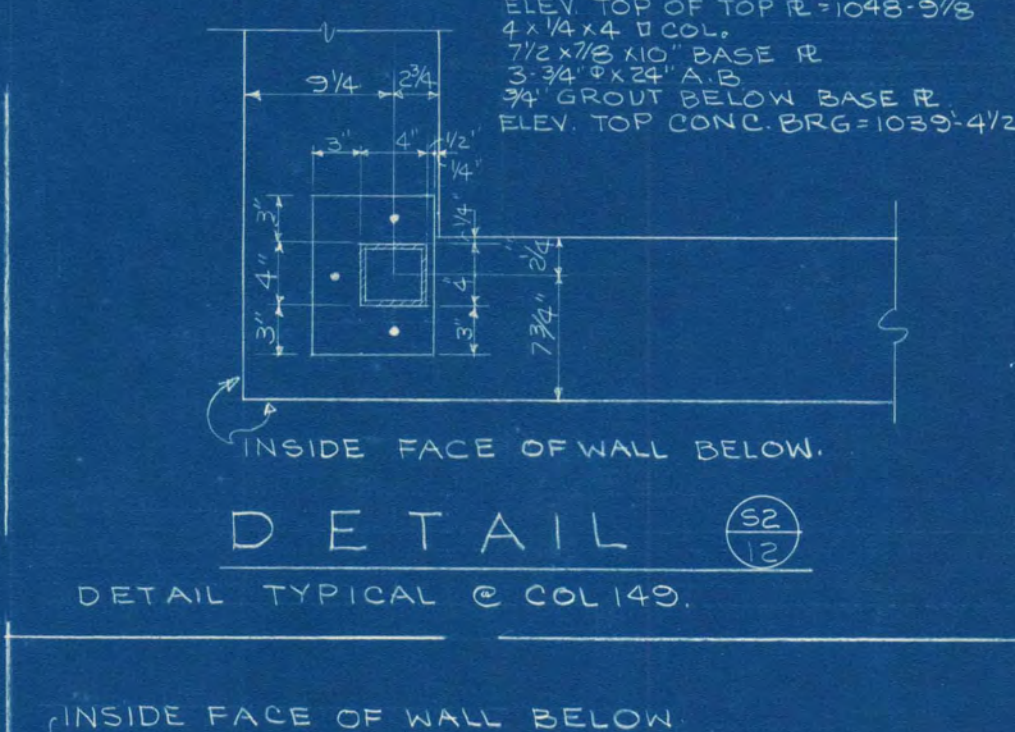
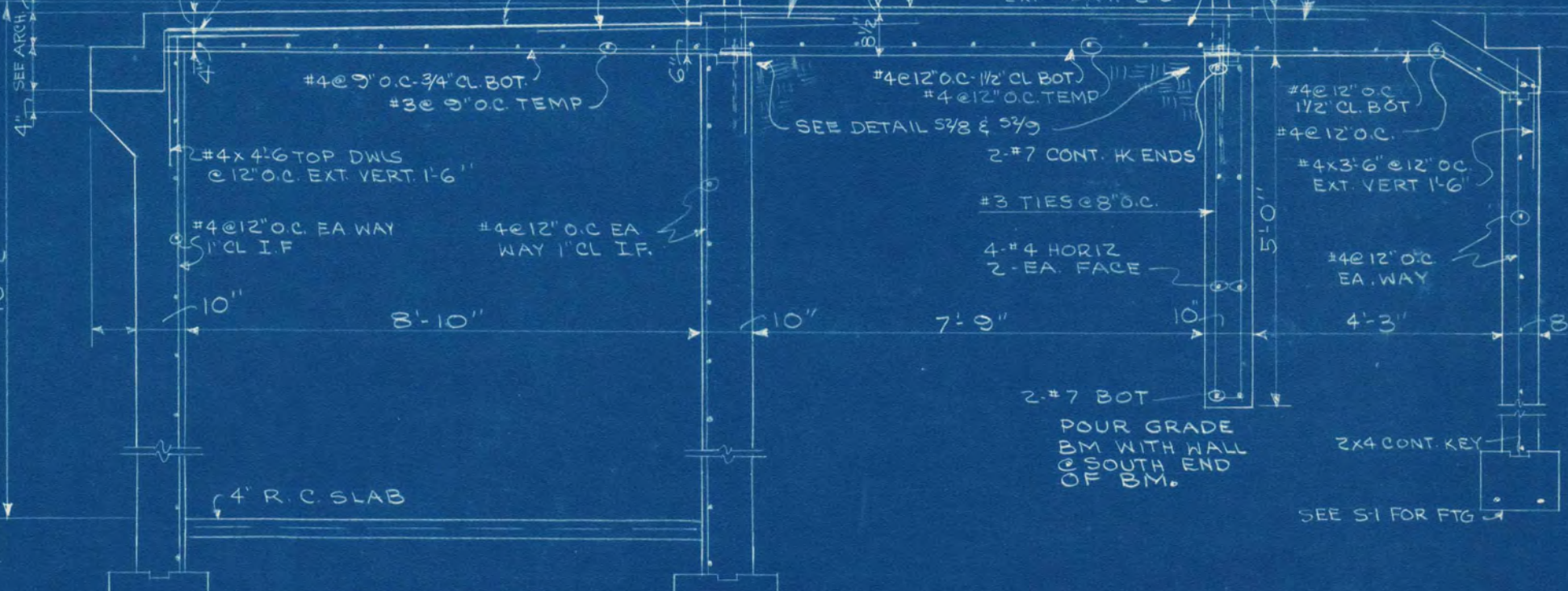
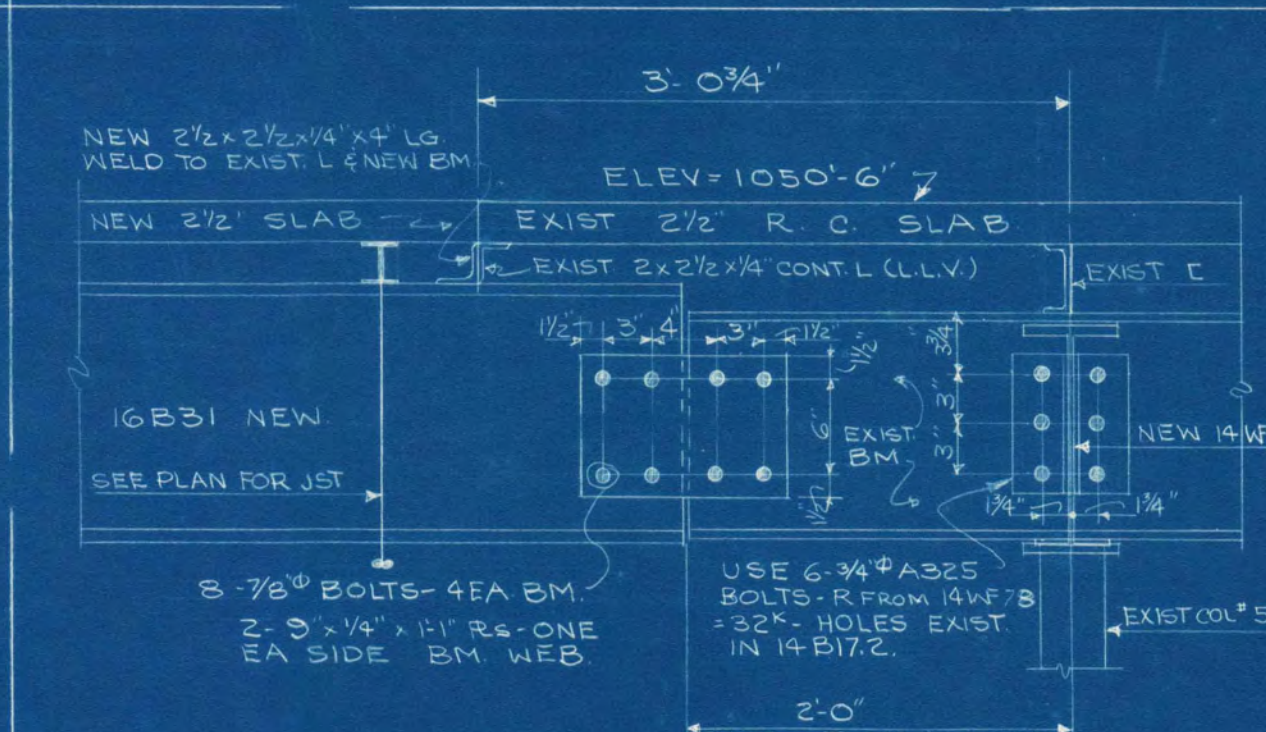
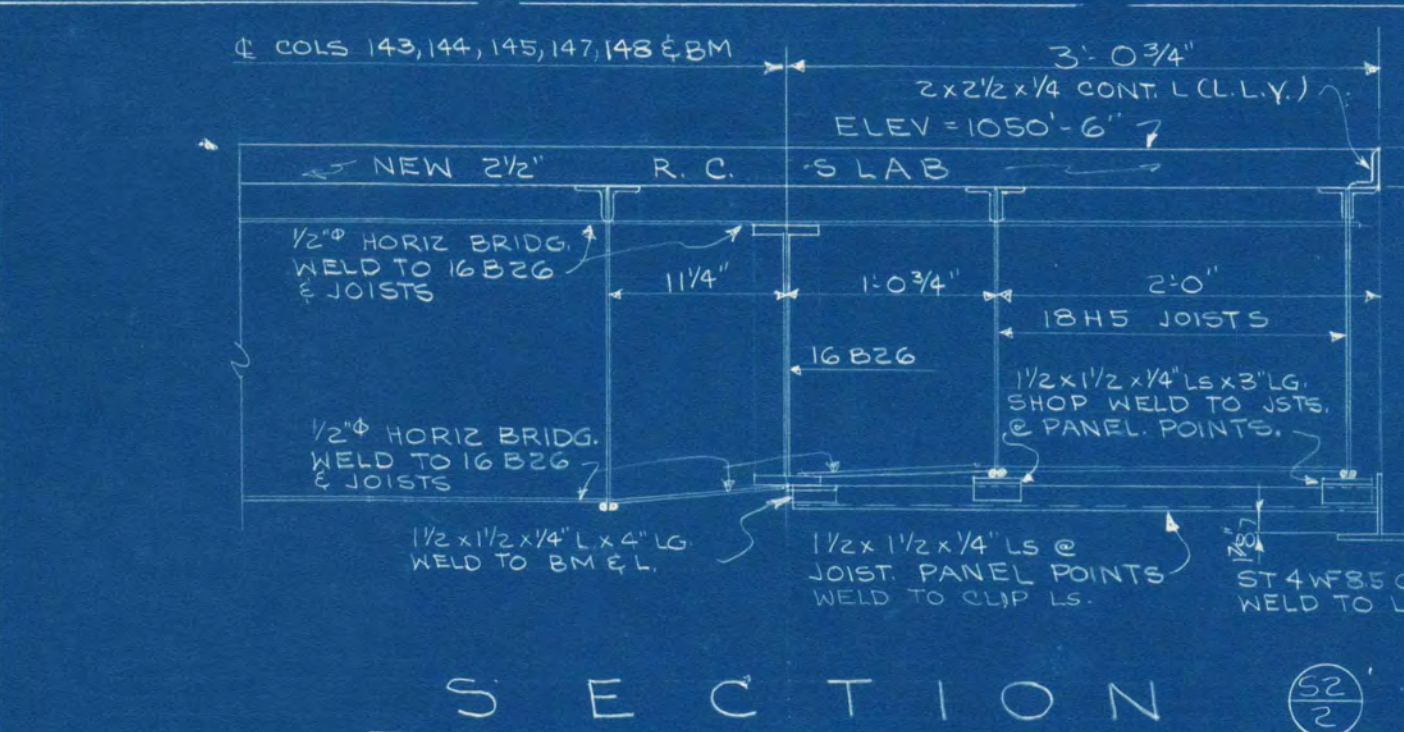
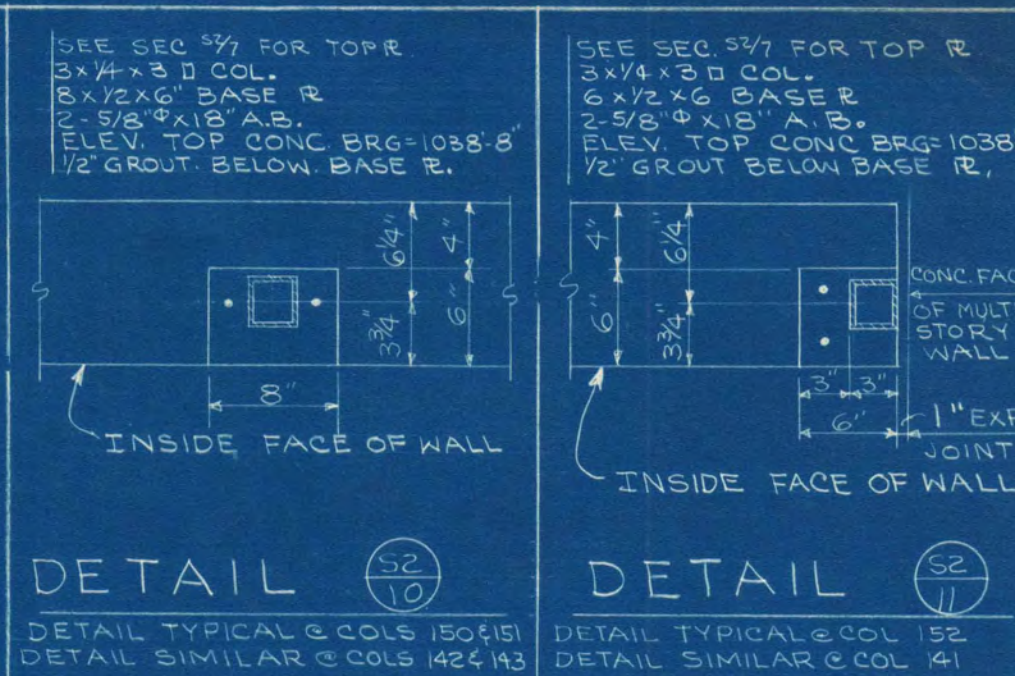
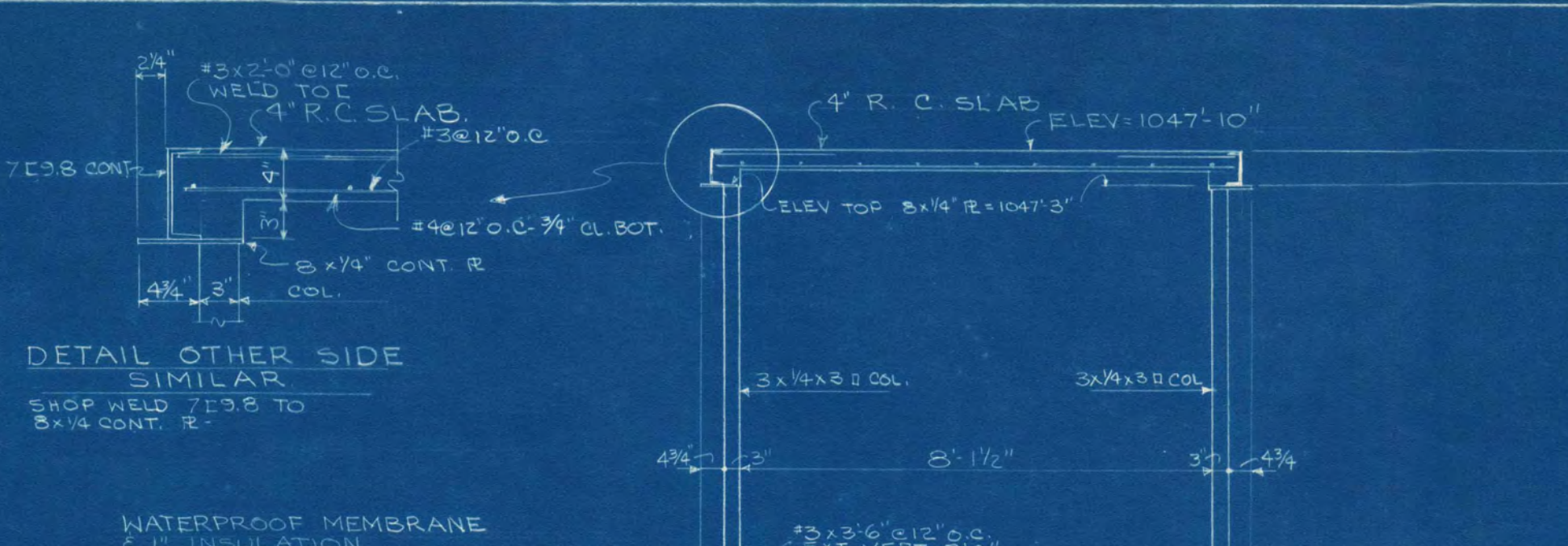
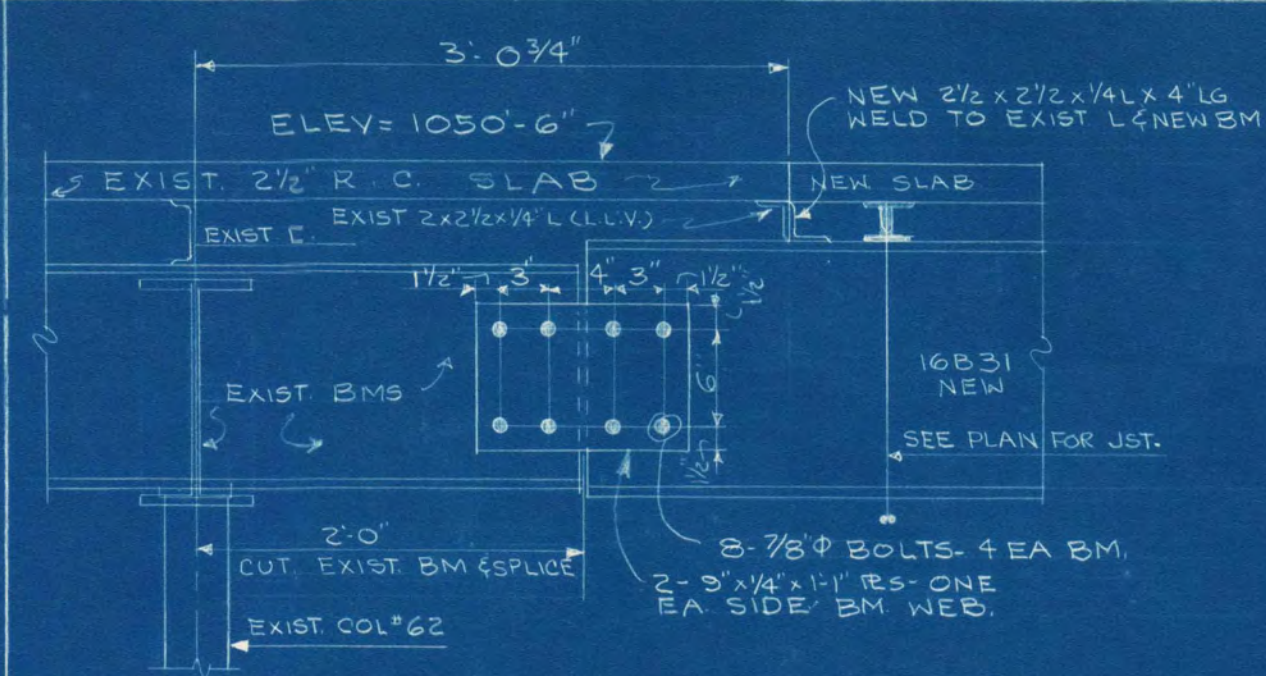
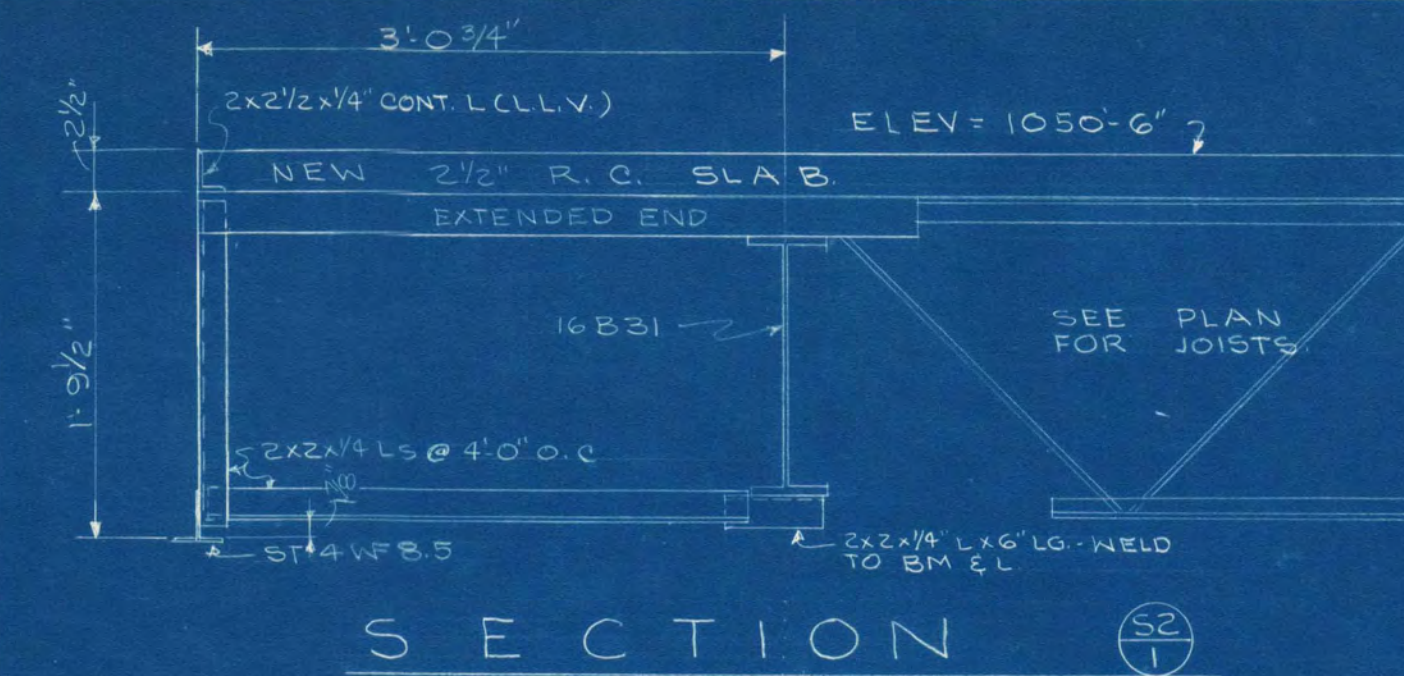
| ADDITION TO HELEN HILL HALL<br>ST. CLOUD STATE COLLEGE<br>ST. CLOUD, MINNESOTA |                               |                                |             |
|--------------------------------------------------------------------------------|-------------------------------|--------------------------------|-------------|
| COMM. NO.                                                                      | JACKSON-HAHN ASSOCIATES, INC. | ARCHITECT                      | S-1         |
| DATE                                                                           | SCHUETT-MEIER CO.             | STRUCTURAL ENGINEERS           |             |
| DATE                                                                           | 6-28-63                       | GOOD HAYZATA BLVD. MPLS, MINN. |             |
| DATE                                                                           |                               |                                |             |
| APPROVED BY                                                                    |                               |                                | PROJECT NO. |
| APPROVED BY                                                                    |                               |                                | ST. CLOUD   |
| APPROVED BY                                                                    |                               |                                | D-1         |



# ROOF FRAMING PLAN

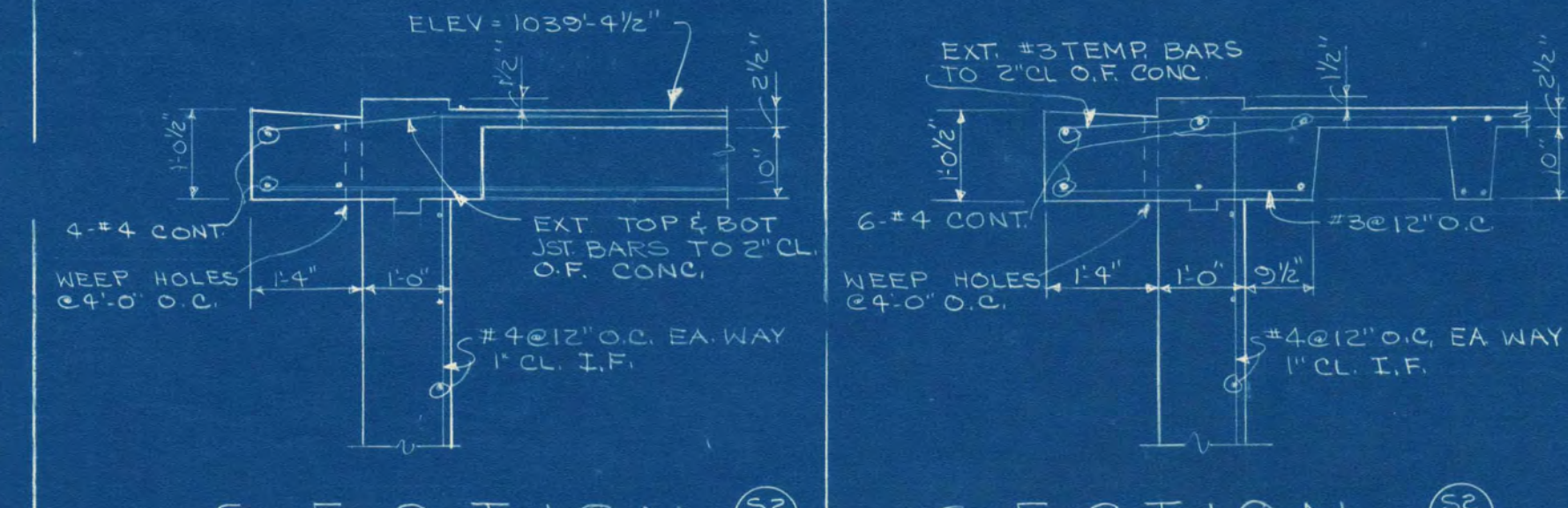
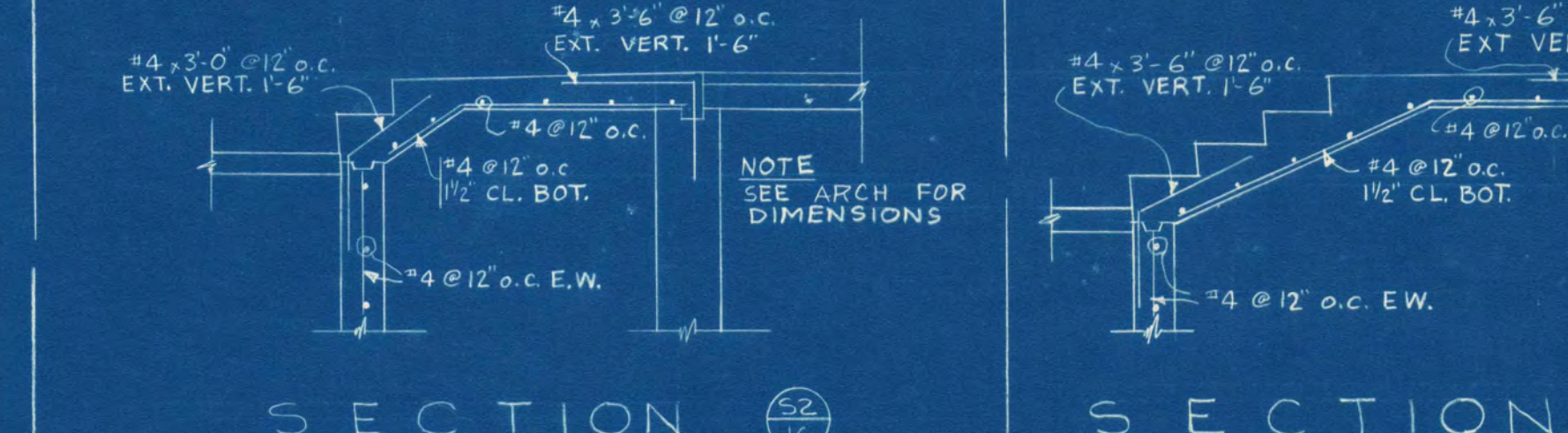
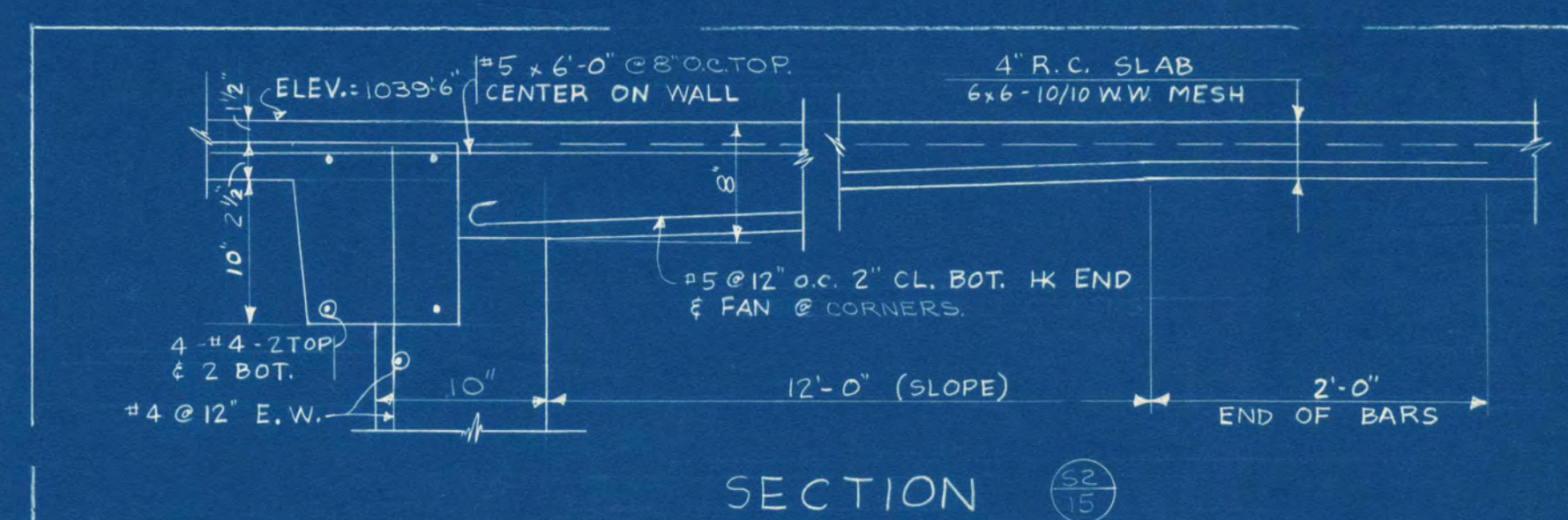
2 1/4" R.C. SLAB ON STANDARD HEIGHT GALVANIZED CORRUGUM. WELD TO STEEL JOISTS 4" x 1/2" x 1/2" R.C. EA WAY IN SENT OF SLAB. ELEV. TOP R.C. SLAB = 1050'-6". ELEV. TOP STEEL JOIST = 1050'-3 1/2". SEE PLAN FOR KEY TOP STEEL BEAMS.

NOTE: SEE DETAIL 171 FOR COLS. 141, 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.



# FIRST FLOOR FRAMING PLAN

4" x 12" R.C. SLAB WIDTHS OF JOISTS & PANS AS SHOWN. #3 @ 12" O.C. TEMP. BARS PERPENDICULAR TO JOISTS. SEE PLAN FOR SOLID SLABS & SLABS ON GRADE. SEE ARCH. FOR LOCATION OF STAIRS. SEE S8 FOR BM & JOIST SCHEDULES. ELEV. TOP 10'-2 1/2" R.C. SLAB = 1039'-4 1/2".



|                                                                                |                          |
|--------------------------------------------------------------------------------|--------------------------|
| ADDITION TO HELEN HILL HALL<br>ST. CLOUD STATE COLLEGE<br>ST. CLOUD, MINNESOTA |                          |
| DATE: 6-28-63                                                                  | PROJECT NO: ST. CLOUD    |
| APPROVED BY: [Signature]                                                       | DESIGNED BY: [Signature] |
| PROJECT NO: ST. CLOUD                                                          | DESIGNED BY: [Signature] |

