



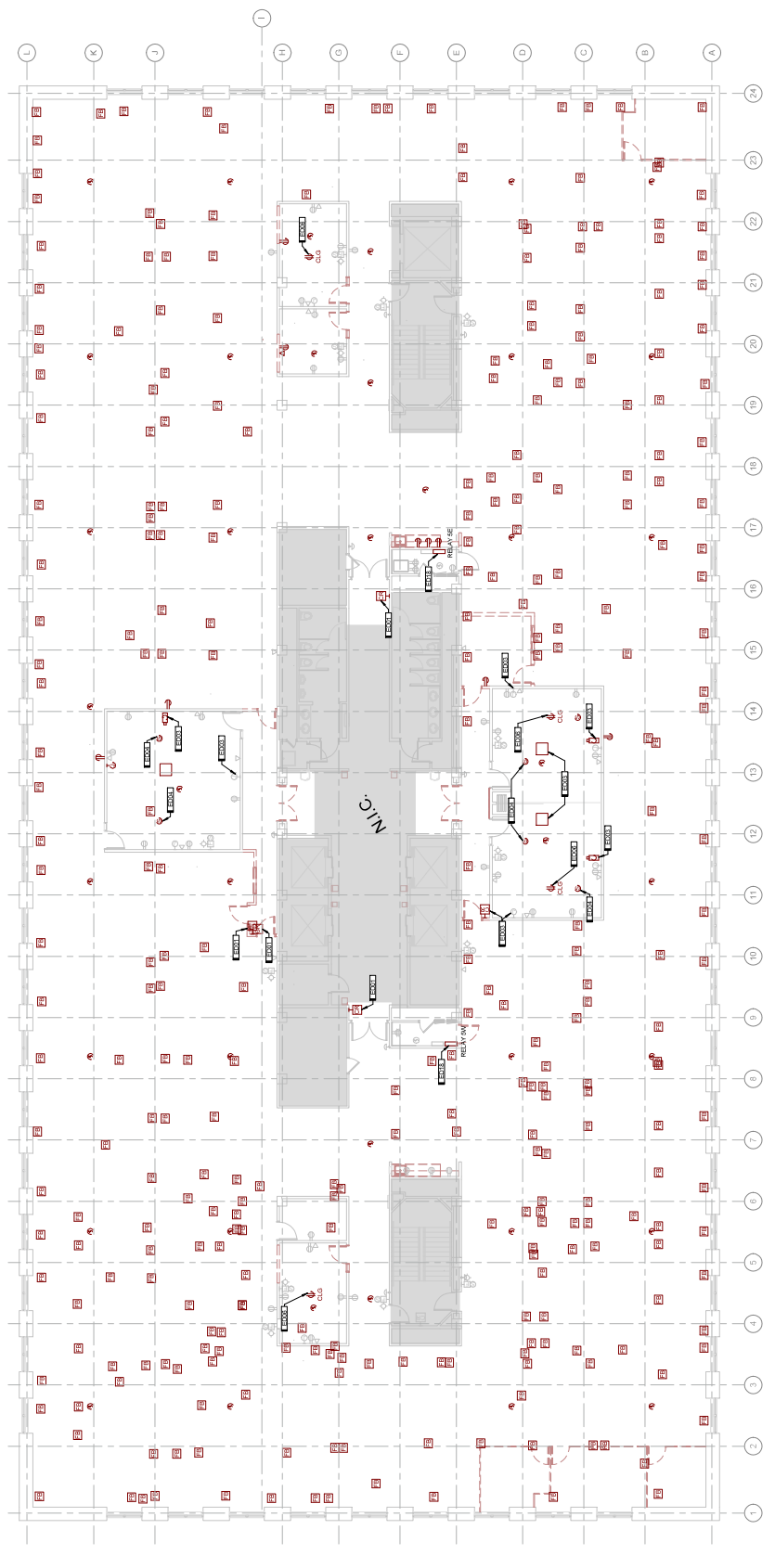


APPROVED BY	LSA
DESIGNED FOR	CONSTRUCTION DOCUMENTS
PROJECT DATE	2023.04.19
PROJECT NUMBER	202302
FIELD BOOK	

OWNER	IOVA DEPARTMENT OF ADMINISTRATIVE SERVICES
PROJECT NUMBER	18181
PROJECT NAME	LIENS BUILDING   201 E 12TH STREET   DES MOINES, IA 50319

IOVA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01  
ARCHITECTURE-ENGINEERING

1737 TOWN SQUARE, SUITE 100  
DES MOINES, IA 50319  
PH: 515.281.1100  
WWW.SHIFTER.ENG



KEY	NOTE
ED1	REMOVE ALL EXISTING ELECTRICAL AND SYSTEMS WORK TO BE DEMOLISHED.
ED2	REMOVE ALL EXISTING ELECTRICAL AND SYSTEMS WORK TO BE DEMOLISHED.
ED3	REMOVE ALL EXISTING ELECTRICAL AND SYSTEMS WORK TO BE DEMOLISHED.
ED4	REMOVE ALL EXISTING ELECTRICAL AND SYSTEMS WORK TO BE DEMOLISHED.
ED5	REMOVE ALL EXISTING ELECTRICAL AND SYSTEMS WORK TO BE DEMOLISHED.
ED6	REMOVE ALL EXISTING ELECTRICAL AND SYSTEMS WORK TO BE DEMOLISHED.
ED7	REMOVE ALL EXISTING ELECTRICAL AND SYSTEMS WORK TO BE DEMOLISHED.

- DEMOLITION GENERAL NOTES**
- OWNER HAS SAVED RIGHTS TO ALL WORK CONTROL. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION WORK.
  - ALL EXISTING WORK TO BE DEMOLISHED SHALL BE DEMOLISHED IN ACCORDANCE WITH THE DEMOLITION PLAN. ALL DEMOLITION SHALL BE COMPLETED BY THE DATE SHOWN ON THE DEMOLITION PLAN.
  - REMOVE THE FOLLOWING ITEMS OR ITEMS IN THE WORK AREA AS SHOWN ON THE DEMOLITION PLAN. ALL ITEMS TO BE REMOVED SHALL BE DEMOLISHED AND REMOVED FROM THE WORK AREA.
    - ALL EXISTING FLOOR MOUNTED SURFACE OUTLETS SHALL BE DEMOLISHED AND REMOVED FROM THE WORK AREA.
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  - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION WORK.
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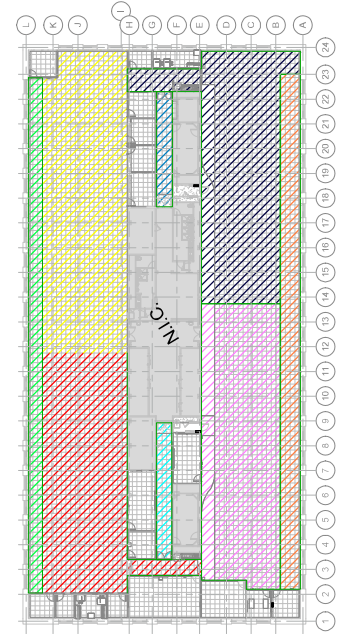
APPROVED BY	LSA
DESIGNED BY	LSA
REVISIONS	CONSTRUCTION DOCUMENTS
DATE	2023.04.19
PROJECT NUMBER	420302
FIELD BOOK	FIELD BOOK

IOVA DEPARTMENT OF ADMINISTRATIVE SERVICES  
 IOWA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01  
 CLIENT PROJECT NUMBER 018101  
 IOWA BUILDING 121 E 17TH STREET | DES MOINES, IA 50319

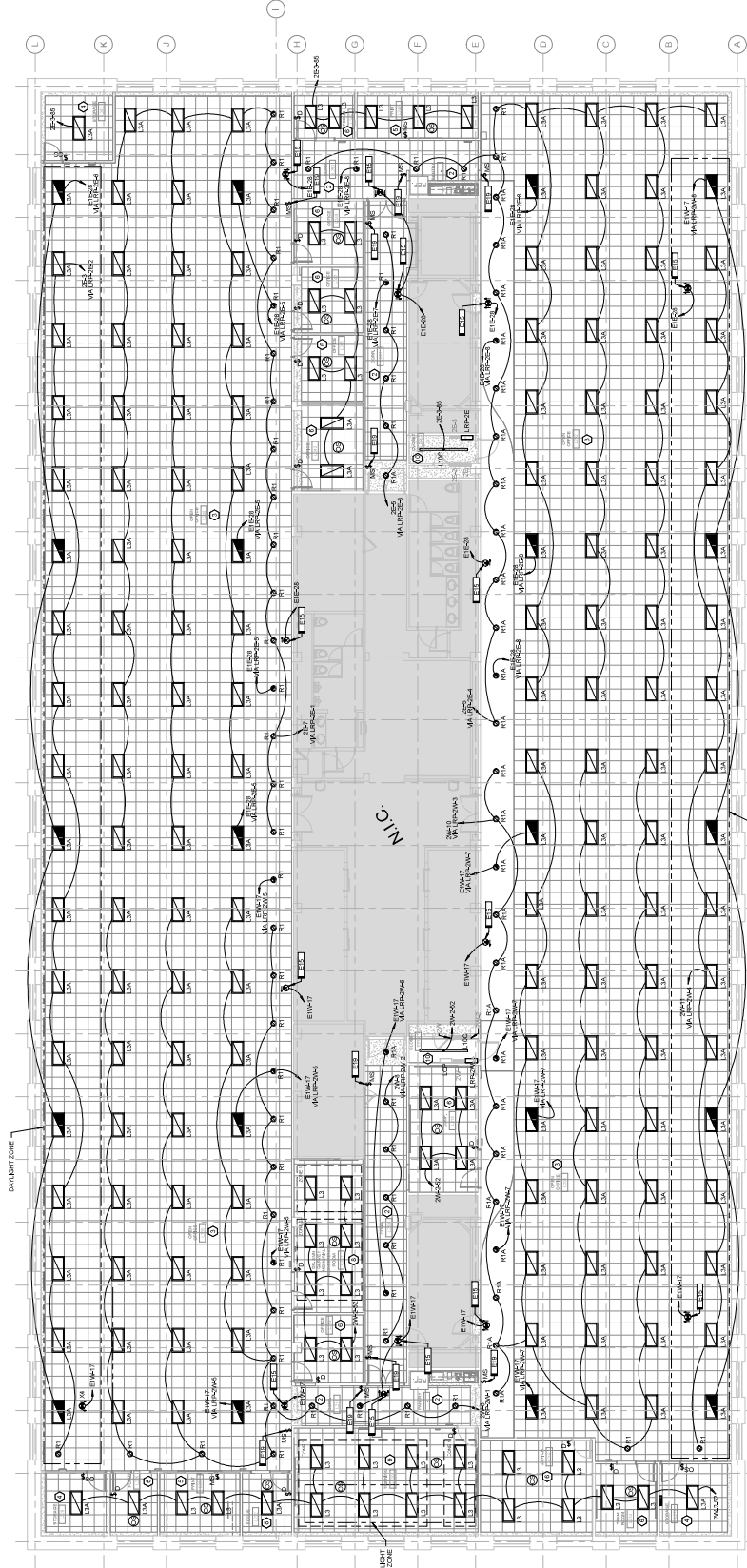
**KEYNOTES**

KEY	REFER TO THE SPECIFICATIONS FOR THE TYPE OF LIGHTING FIXTURE TO BE USED.
KEY	REFER TO THE SPECIFICATIONS FOR THE TYPE OF LIGHTING FIXTURE TO BE USED.
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KEY	REFER TO THE SPECIFICATIONS FOR THE TYPE OF LIGHTING FIXTURE TO BE USED.

- LIGHTING GENERAL NOTES**
- ALL FIXTURES IN THIS DOCUMENT SHALL BE SUSPENDED UNLESS OTHERWISE NOTED.
  - WALL MOUNTED FIXTURES SHALL BE MOUNTED AT 4'0" AFF UNLESS OTHERWISE NOTED.



A2 SECOND FLOOR LIGHT ZONING PLAN

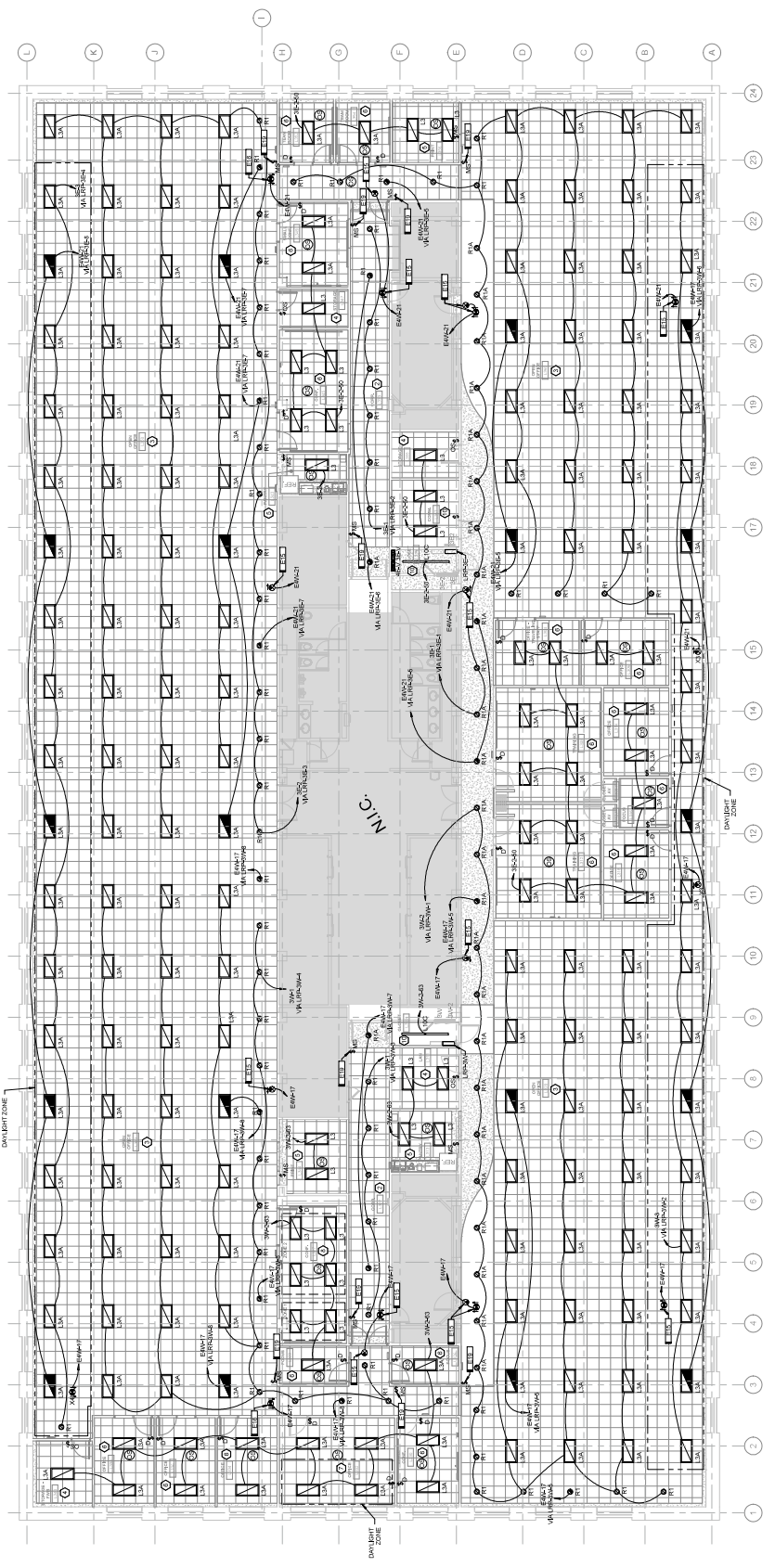


A3 SECOND FLOOR LIGHTING PLAN

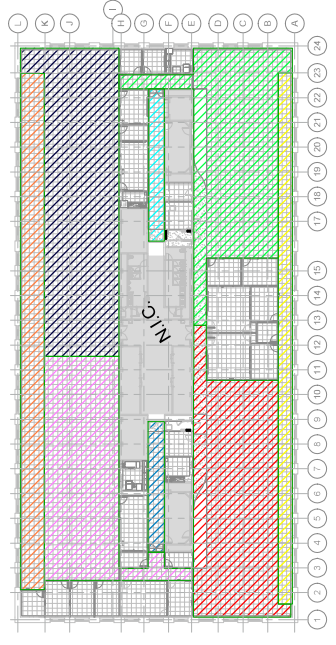
APPROVED BY	LSK
DESIGNED BY	LSK
REVIEW FOR CONSTRUCTION DOCUMENTS	2023.04.19
PROJECT NUMBER	420302
FIELD BOOK	FIELD BOOK

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES  
 IOWA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01  
 IOWA BUILDING 101 E 17TH STREET | DES MOINES, IA 50319

SHIVE-HARTY ARCHITECTURE-ENGINEERING  
 425 WEST MAIN STREET, SUITE 100  
 DES MOINES, IA 50319



THIRD FLOOR LIGHT ZONING PLAN



LIGHTING GENERAL NOTES

1. ALL FIXTURES IN ROOM CLOSETS SHALL BE SUPPLEMENTED BY WALL MOUNTED BATH FIXTURES UNLESS OTHERWISE NOTED.
2. WALL MOUNTED BATH FIXTURES SHALL BE MOUNTED AT 5'4" AFF UNLESS OTHERWISE NOTED.

KEYNOTES

KEY	NOTE
MS	MECHANICAL ROOMS
ER	ELECTRICAL ROOMS
EB	ELEVATOR
EE	ELECTRICAL ENTRY

A B C D E F G H

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

THIRD FLOOR LIGHTING PLAN



SCALE: 1/8" = 1'-0"











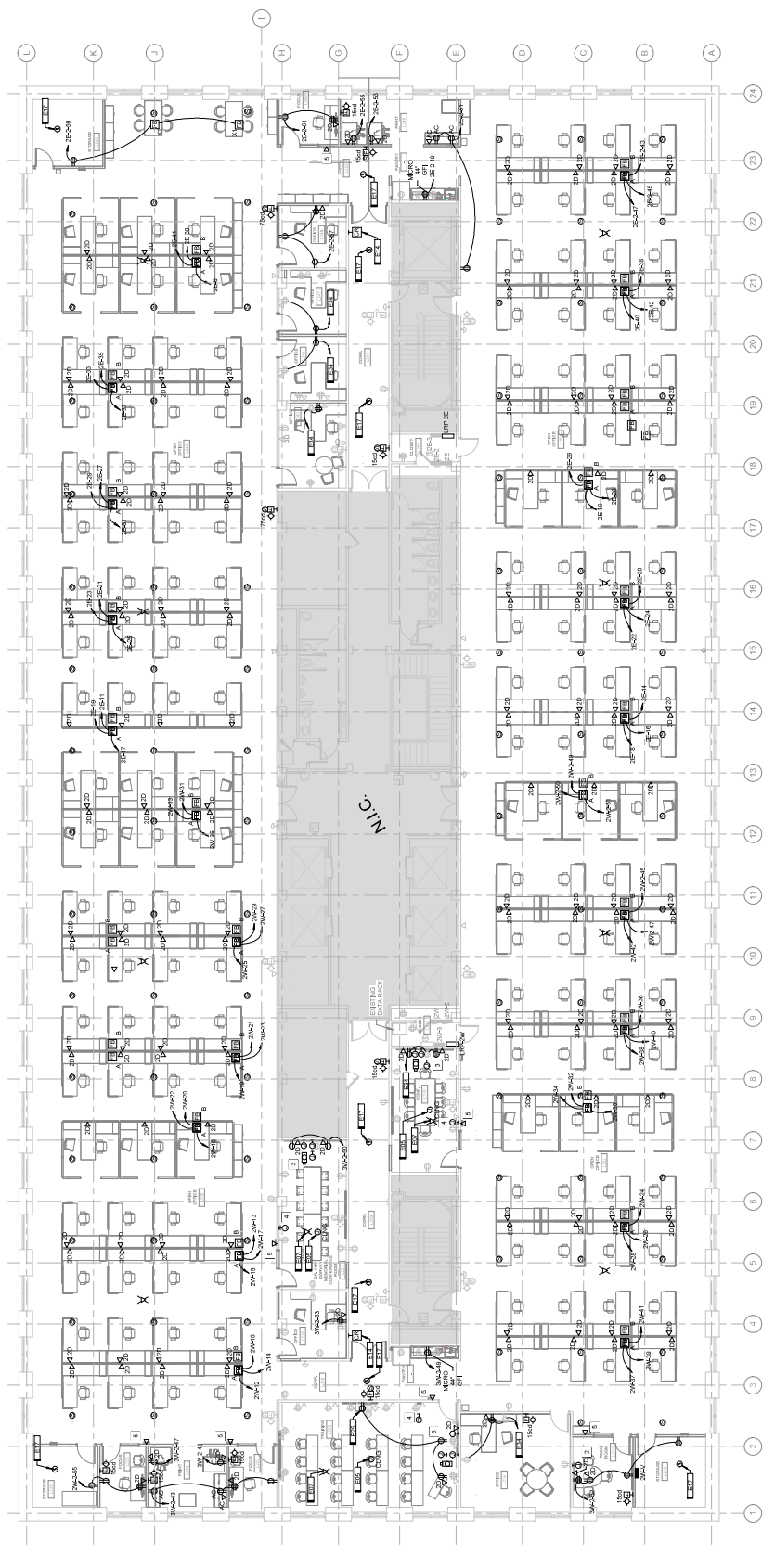
PROJECT NUMBER	2023-04-19
ISSUED FOR	CONSTRUCTION DOCUMENTS
DATE	2023-04-19
PROJECT NAME	IOVA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01
PROJECT NUMBER	2023-04-19
ISSUED FOR	CONSTRUCTION DOCUMENTS
DATE	2023-04-19
PROJECT NAME	IOVA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01
PROJECT NUMBER	2023-04-19
ISSUED FOR	CONSTRUCTION DOCUMENTS
DATE	2023-04-19
PROJECT NAME	IOVA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01

IOVA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01  
 IOWA BUILDING 121 E 17TH STREET | DES MOINES, IA 50319  
 IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES  
 IOWA PROJECT NUMBER 9186.01

SHIVE-HATERY ARCHITECTURE-ENGINEERING  
 4575 ROCKWELL AVENUE, SUITE 100  
 DES MOINES, IA 50319  
 515.283.1100

KEY	NOTE
E1	VERIFY ALL ELECTRICAL EQUIPMENT, COMPONENTS AND MATERIALS ARE LISTED IN THE IOWA STATE ELECTRICAL CODE REQUIREMENTS TO INSTALLATION.
E2	VERIFY ALL ELECTRICAL EQUIPMENT, COMPONENTS AND MATERIALS ARE LISTED IN THE IOWA STATE ELECTRICAL CODE REQUIREMENTS TO INSTALLATION.
E3	VERIFY ALL ELECTRICAL EQUIPMENT, COMPONENTS AND MATERIALS ARE LISTED IN THE IOWA STATE ELECTRICAL CODE REQUIREMENTS TO INSTALLATION.
E4	VERIFY ALL ELECTRICAL EQUIPMENT, COMPONENTS AND MATERIALS ARE LISTED IN THE IOWA STATE ELECTRICAL CODE REQUIREMENTS TO INSTALLATION.
E5	VERIFY ALL ELECTRICAL EQUIPMENT, COMPONENTS AND MATERIALS ARE LISTED IN THE IOWA STATE ELECTRICAL CODE REQUIREMENTS TO INSTALLATION.
E6	VERIFY ALL ELECTRICAL EQUIPMENT, COMPONENTS AND MATERIALS ARE LISTED IN THE IOWA STATE ELECTRICAL CODE REQUIREMENTS TO INSTALLATION.
E7	VERIFY ALL ELECTRICAL EQUIPMENT, COMPONENTS AND MATERIALS ARE LISTED IN THE IOWA STATE ELECTRICAL CODE REQUIREMENTS TO INSTALLATION.
E8	VERIFY ALL ELECTRICAL EQUIPMENT, COMPONENTS AND MATERIALS ARE LISTED IN THE IOWA STATE ELECTRICAL CODE REQUIREMENTS TO INSTALLATION.
E9	VERIFY ALL ELECTRICAL EQUIPMENT, COMPONENTS AND MATERIALS ARE LISTED IN THE IOWA STATE ELECTRICAL CODE REQUIREMENTS TO INSTALLATION.
E10	VERIFY ALL ELECTRICAL EQUIPMENT, COMPONENTS AND MATERIALS ARE LISTED IN THE IOWA STATE ELECTRICAL CODE REQUIREMENTS TO INSTALLATION.

- POWER AND SYSTEMS GENERAL NOTES**
1. ALL ELECTRICAL INSTALLATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE IOWA STATE ELECTRICAL CODE (ISC) AND ALL APPLICABLE CODES AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE.
  2. ALL ELECTRICAL INSTALLATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE IOWA STATE ELECTRICAL CODE (ISC) AND ALL APPLICABLE CODES AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE.
  3. ALL ELECTRICAL INSTALLATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE IOWA STATE ELECTRICAL CODE (ISC) AND ALL APPLICABLE CODES AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE.
  4. ALL NEW RECEPTACLES SHALL BE WHITE WITH GREEN/BLACK SLOTS.
  5. ALL NEW RECEPTACLES SHALL BE WHITE WITH GREEN/BLACK SLOTS.
  6. ALL NEW RECEPTACLES SHALL BE WHITE WITH GREEN/BLACK SLOTS.
  7. ALL NEW RECEPTACLES SHALL BE WHITE WITH GREEN/BLACK SLOTS.
  8. ALL NEW RECEPTACLES SHALL BE WHITE WITH GREEN/BLACK SLOTS.
  9. ALL NEW RECEPTACLES SHALL BE WHITE WITH GREEN/BLACK SLOTS.
  10. ALL NEW RECEPTACLES SHALL BE WHITE WITH GREEN/BLACK SLOTS.



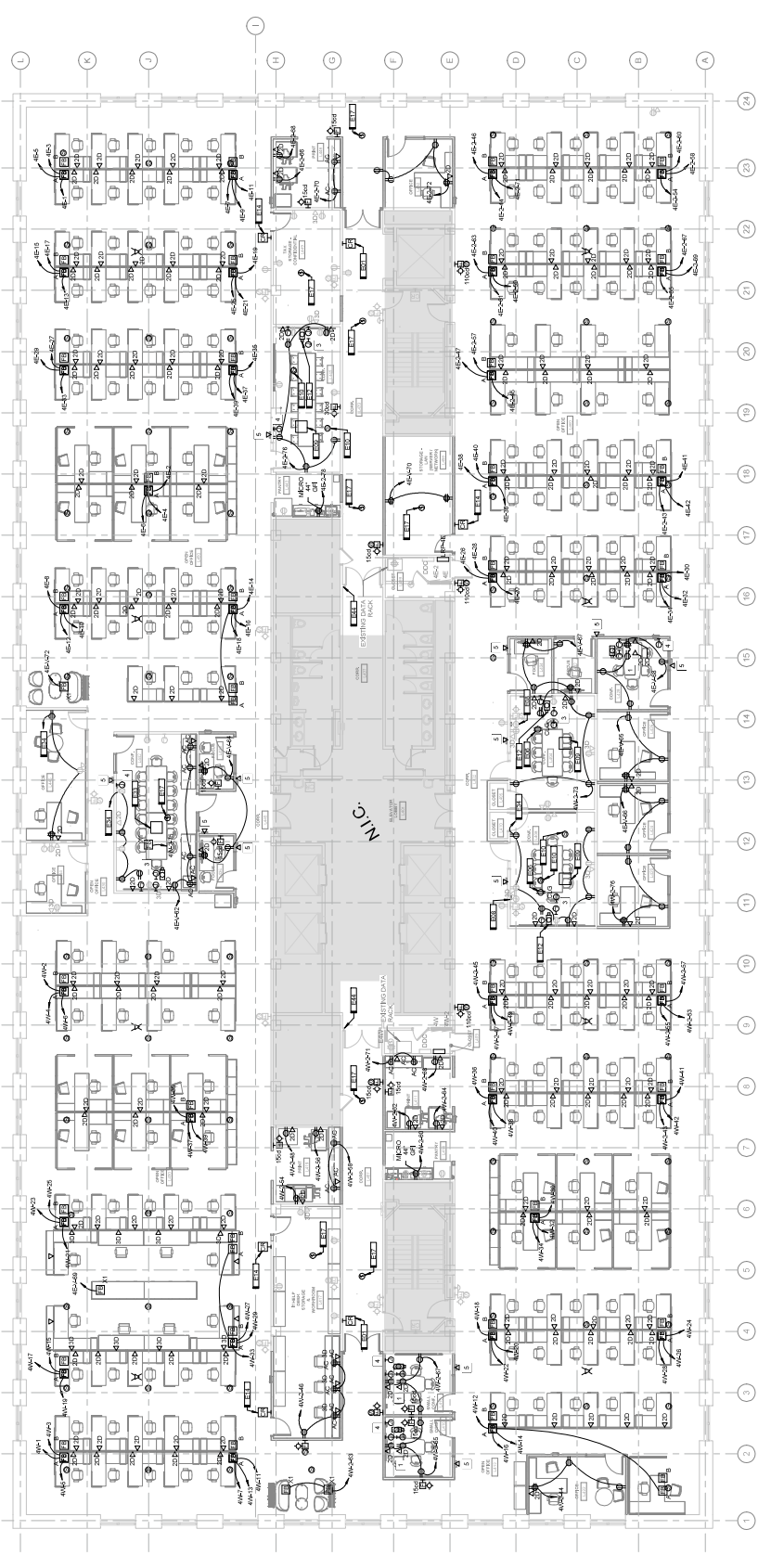
SECOND FLOOR POWER & SYSTEMS PLAN  
 1/8" = 1'-0"



APPROVED BY	LSA
DESIGNED FOR	CONSTRUCTION DOCUMENTS
PROJECT NUMBER	202304-19
FIELD BOOK	420302

IOWA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01  
IOWA BUILDING 1201 E 17TH STREET | DES MOINES, IA 50319  
IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES  
IOWA TRUCK RENTAL CENTER

SHIVE-HATERY  
ARCHITECTURE ENGINEERING  
1475 ROCKWELL AVENUE, SUITE 100  
DES MOINES, IA 50319



- POWER AND SYSTEMS GENERAL NOTES**
1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF DES MOINES AND THE IOWA DEPARTMENT OF HEALTH & HUMAN SERVICES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF DES MOINES AND THE IOWA DEPARTMENT OF HEALTH & HUMAN SERVICES.
  2. ALL NEW RECEPTACLES SHALL BE WIRE WITH COPPER WIRE.
  3. CONTRACTOR SHALL NOT INSTALL POWER OR DATA CABLES IN WALLS OR CEILING. CONTRACTOR SHALL PROVIDE SOUND PROOFING MATERIAL BETWEEN BASES.
  4. ALL NEW RECEPTACLES SHALL BE WIRE WITH COPPER WIRE.
  5. CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL SYSTEMS.
  6. CONTRACTOR SHALL NOT INSTALL POWER OR DATA CABLES IN WALLS OR CEILING. CONTRACTOR SHALL PROVIDE SOUND PROOFING MATERIAL BETWEEN BASES.
  7. CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL SYSTEMS.
  8. CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL SYSTEMS.
  9. CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR THE INSTALLATION OF ALL ELECTRICAL SYSTEMS.

**KEYNOTES**

KEY	NOTE
E1	RECEPTACLES SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS: 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.

FOURTH FLOOR POWER & SYSTEMS PLAN  
1/11/2023



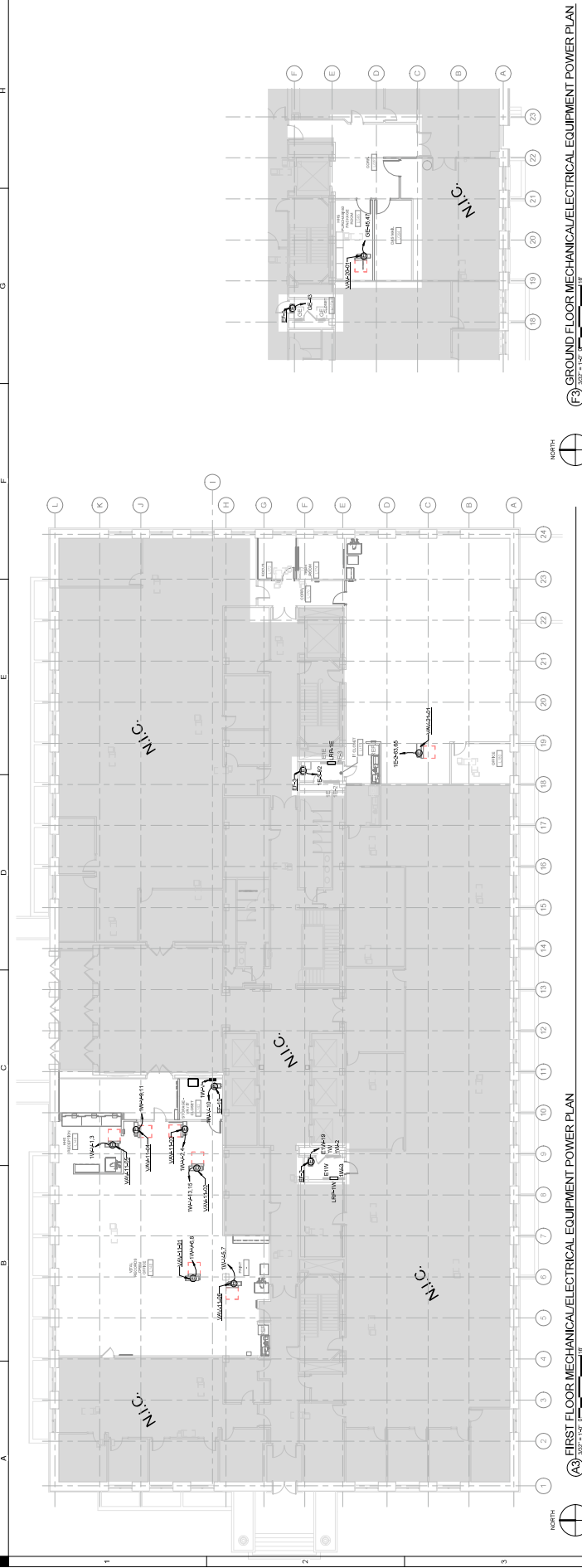




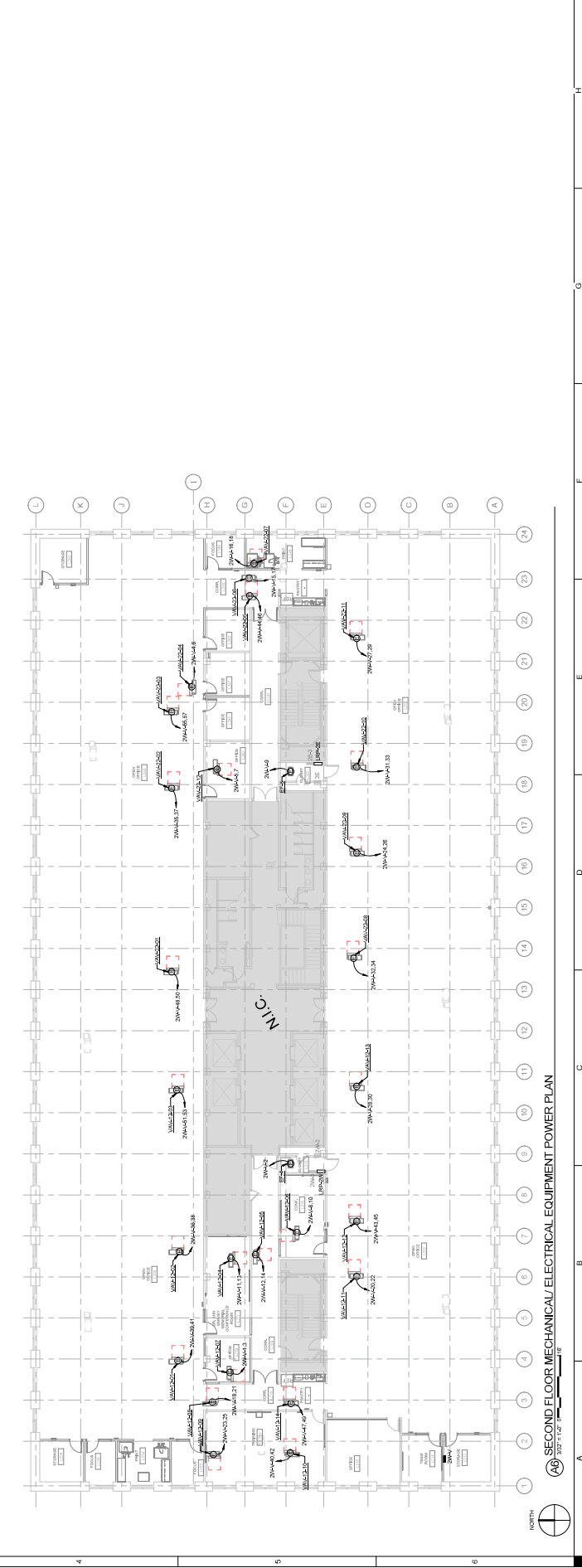
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DATE	2023-02-19
REVISIONS	CONSTRUCTION DOCUMENTS
APPROVED BY	LSA
DESIGNED BY	LSA
PROJECT NUMBER	2023-02-19
DATE	2023-02-19
REVISIONS	CONSTRUCTION DOCUMENTS
APPROVED BY	LSA
DESIGNED BY	LSA

IOWA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01  
 IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES  
 CLIENT PROJECT NUMBER 9186.01  
 CLIENT BUILDING 121 E 12TH STREET | DES MOINES, IA 50319

SHIVE-HATTERY ARCHITECTURE+ENGINEERING  
 425 WEST CHURCH STREET, SUITE 100  
 DES MOINES, IA 50319  
 515.283.0100 | SHIVE-HATTERY.COM



(A) FIRST FLOOR MECHANICAL/ELECTRICAL EQUIPMENT POWER PLAN  
 2023-1-10-18

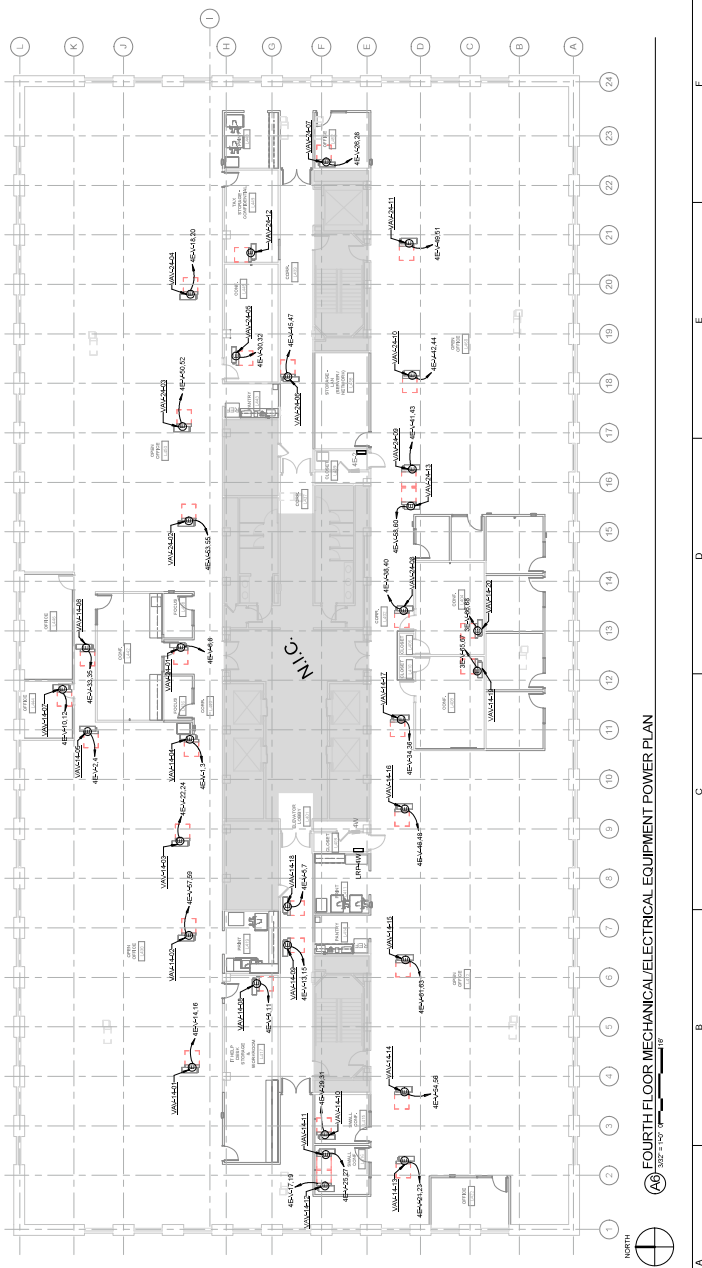


(B) SECOND FLOOR MECHANICAL/ELECTRICAL EQUIPMENT POWER PLAN  
 2023-1-10-18

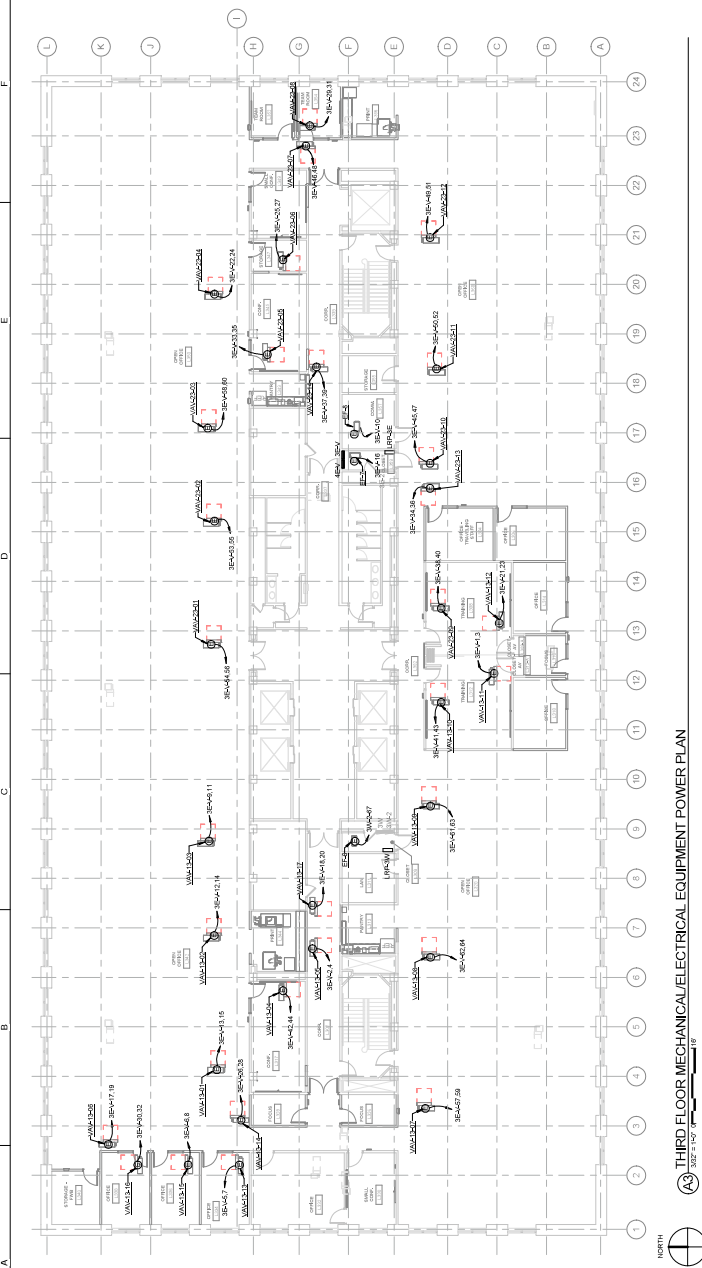
APPROVED BY	LSJ
DESIGNED BY	LSJ
REVIEWED FOR	CONSTRUCTION DOCUMENTS
DATE	2023.06.19
PROJECT NUMBER	420302
FIELD BOOK	FIELD BOOK

IOWA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01  
 CLIENT PROJECT NUMBER: 9186.01  
 IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES  
 1000 WEST LAMAR AVENUE, SUITE 100  
 DES MOINES, IA 50319

SHIVE-HATTERY  
 ARCHITECTURE+ENGINEERING  
 425 WEST LAMAR AVENUE, SUITE 100  
 DES MOINES, IA 50319  
 515.283.8100 | SHIVE-HATTERY.COM



A3 THIRD FLOOR MECHANICAL/ELECTRICAL EQUIPMENT POWER PLAN

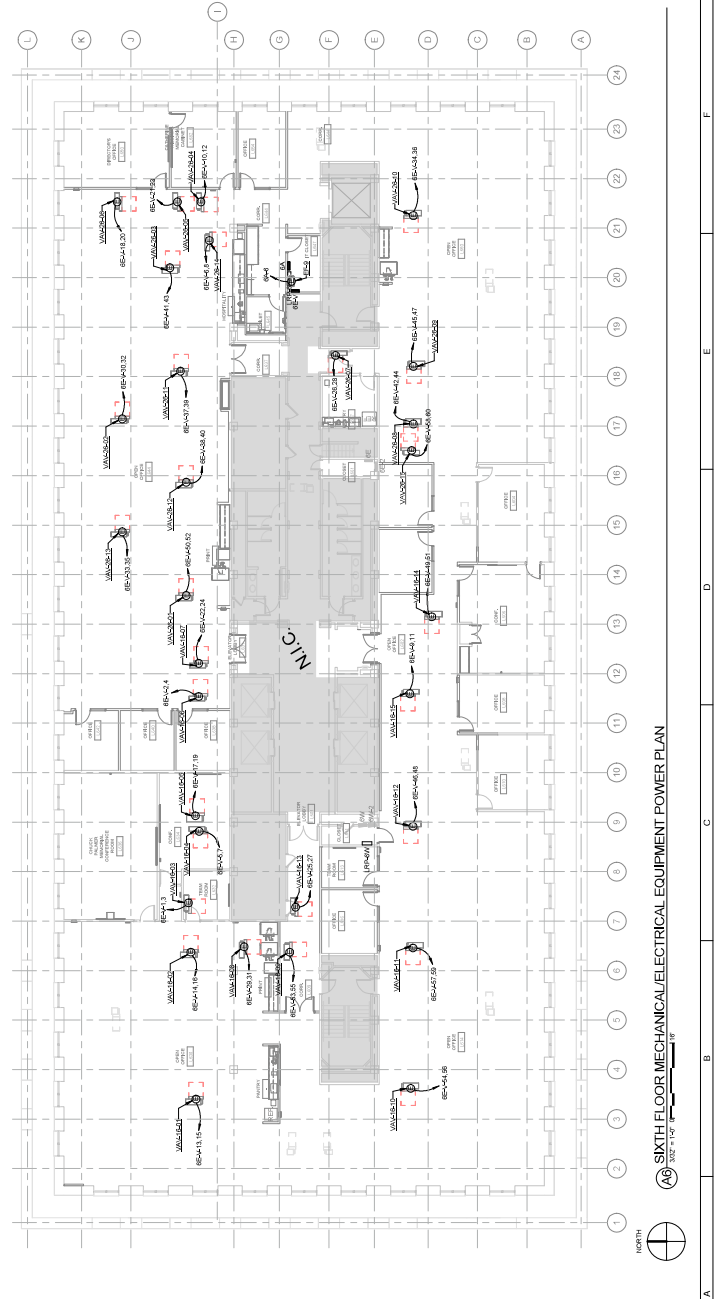


A3 THIRD FLOOR MECHANICAL/ELECTRICAL EQUIPMENT POWER PLAN

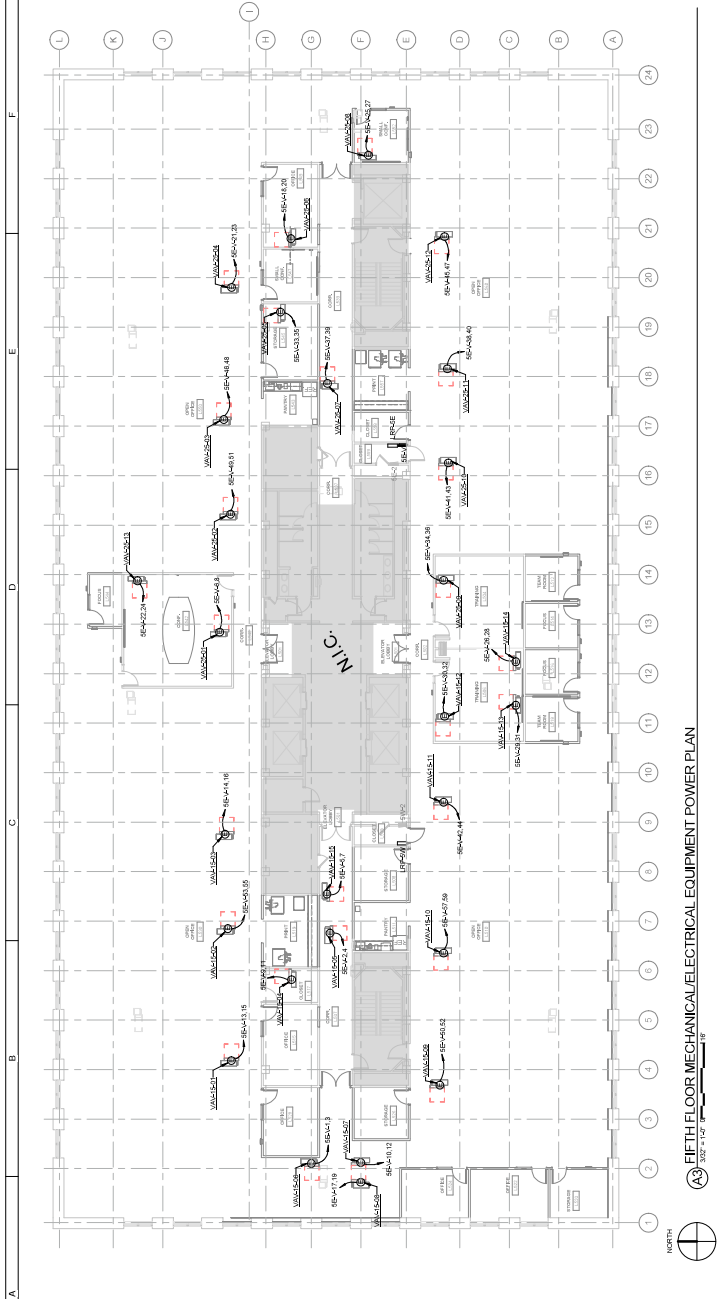


DESIGNED BY	LSA
APPROVED BY	
REVIEW FOR	CONSTRUCTION DOCUMENTS
DATE	2023.05.19
PROJECT NUMBER	420302
FIELD BOOK	

IOWA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01  
 IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES  
 CLIENT PROJECT NUMBER 9186.01  
 1000 BUREAU BLVD. | DES MOINES, IA 50319



A3 SIXTH FLOOR MECHANICAL/ELECTRICAL EQUIPMENT POWER PLAN



A3 FIFTH FLOOR MECHANICAL/ELECTRICAL EQUIPMENT POWER PLAN

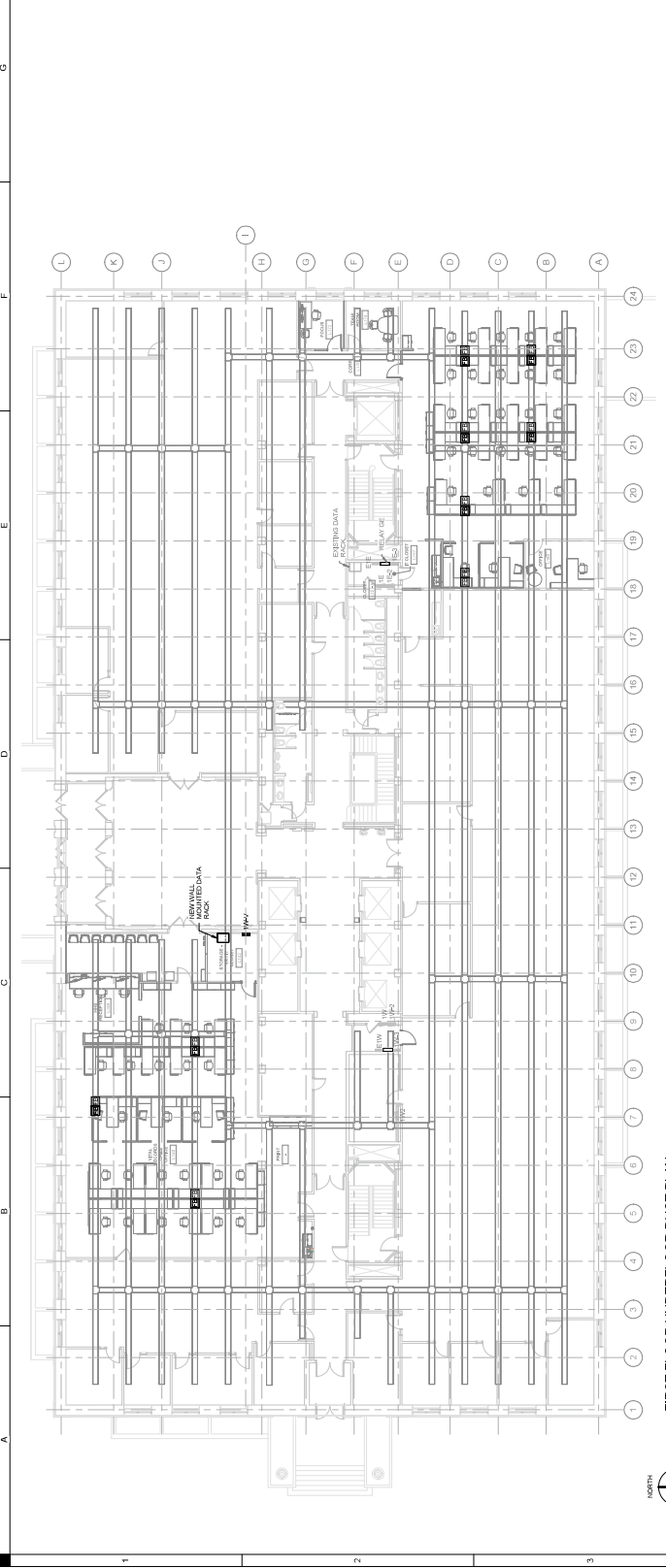
PROJECT NUMBER	420302
DATE	2023.04.19
REVISIONS	CONSTRUCTION DOCUMENTS
APPROVED BY	LSJ
DRAWN BY	LSJ

IOWA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01  
 CLIENT PROJECT NUMBER 618301  
 IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES  
 CLIENTS BUILDING 121 E 12TH STREET | DES MOINES, IA 50319

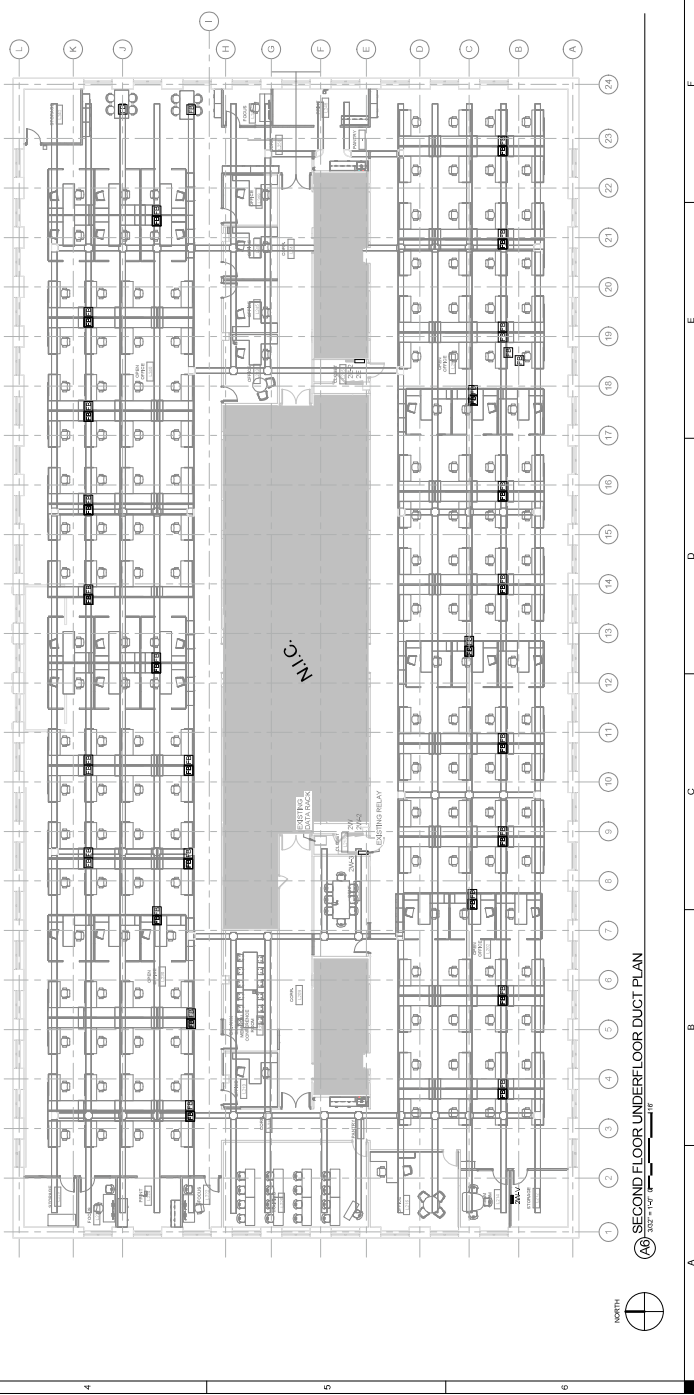
SHIVE-LATTEY ARCHITECTURE-ENGINEERING  
 425 WEST RAINBOW BLVD., SUITE 100  
 DES MOINES, IA 50319  
 515.283.8100 | SHIVE-LATTEY.COM

**UNDERFLOOR DUCT GENERAL NOTES**

1. EXISTING UNDERFLOOR DUCT AND SERVICE DATA FROM EXISTING DRAWINGS SHOWN ARE FOR INFORMATION ONLY. VERIFY ALL EXISTING DATA PRIOR TO INSTALLATION OF NEW UNDERFLOOR DUCT.



AB FIRST FLOOR UNDERFLOOR DUCT PLAN



AB SECOND FLOOR UNDERFLOOR DUCT PLAN

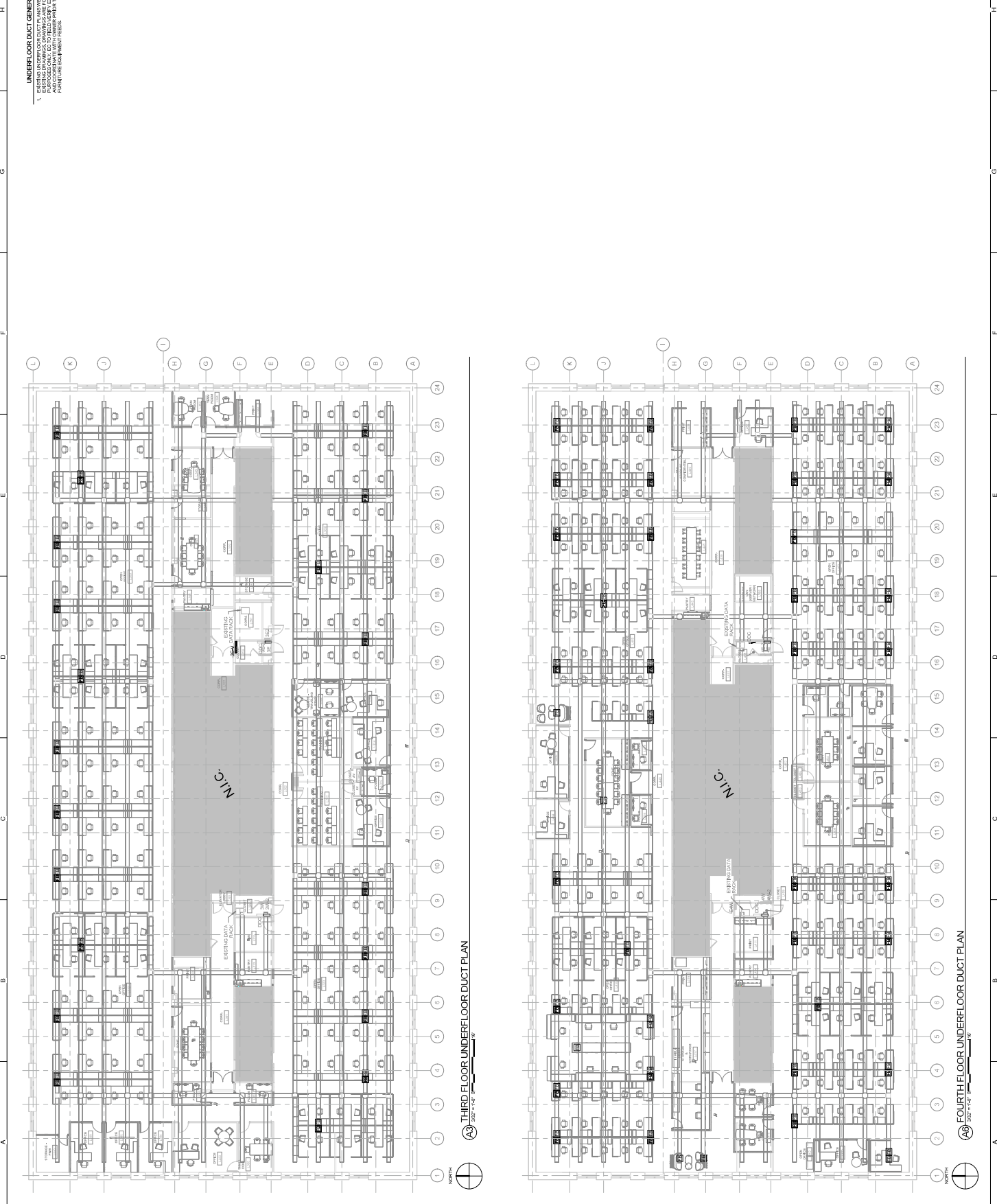
THIRD & FOURTH FLOOR UNDERFLOOR DUCT PLAN

PROJECT NUMBER	202304-19
DATE	2023.04.19
DESIGNED BY	LSA
CHECKED BY	LSA
APPROVED BY	LSA
SCALE	AS SHOWN
PROJECT NAME	CONSTRUCTION DOCUMENTS
FIELD BOOK	420302
PROJECT NUMBER	202304-19

IOWA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01  
 CLIENT PROJECT NUMBER 6186.01  
 IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES  
 LICENS BUILDING | 321 E 12TH STREET | DES MOINES, IA 50319

SHIVE-HATTERY ARCHITECTURE-ENGINEERING  
 475 WEST MAIN STREET, SUITE 100  
 DES MOINES, IA 50319  
 515.283.8100 | SHIVE-HATTERY.COM

**UNDERFLOOR DUCT GENERAL NOTES**  
 1. ALL UNDERFLOOR DUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE IOWA MECHANICAL CODE AND IOWA ELECTRICAL CODE.  
 2. ALL UNDERFLOOR DUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE IOWA MECHANICAL CODE AND IOWA ELECTRICAL CODE.  
 3. ALL UNDERFLOOR DUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE IOWA MECHANICAL CODE AND IOWA ELECTRICAL CODE.  
 4. ALL UNDERFLOOR DUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE IOWA MECHANICAL CODE AND IOWA ELECTRICAL CODE.



THIRD FLOOR UNDERFLOOR DUCT PLAN

FOURTH FLOOR UNDERFLOOR DUCT PLAN

PROJECT NUMBER	202306-19
ISSUE DATE	2023-06-19
DESIGNED FOR	CONSTRUCTION DOCUMENTS
DESIGNED BY	LSA
PROJECT NAME	202306-19
PROJECT NUMBER	202306-19
PROJECT NAME	202306-19

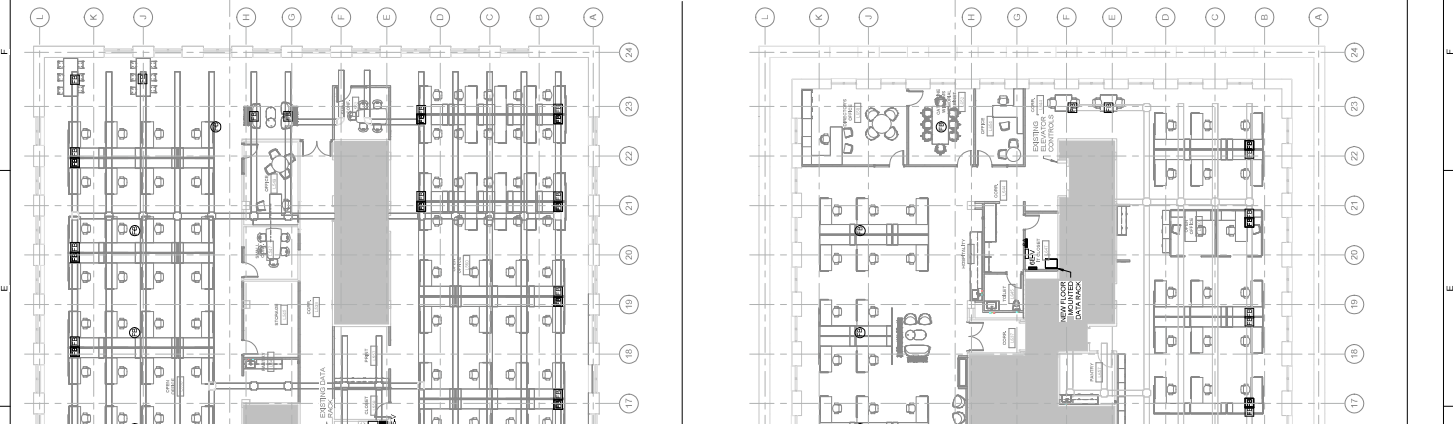
IOWA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01  
 CLIENT PROJECT NUMBER 9186.01  
 IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES  
 CLERS BUILDING 121 E 12TH STREET | DES MOINES, IA 50319

SHIVE-HATTERY ARCHITECTURE+ENGINEERING  
 4525 WESTCAMP DRIVE, SUITE 100  
 WEST DES MOINES, IA 50325  
 515.283.8100 | SHIVE-HATTERY.COM

**UNDERFLOOR DUCT GENERAL NOTES**  
 1. EXISTING UNDERFLOOR DUCT PLANS WERE OBTAINED FROM THE ARCHITECT'S RECORD DRAWINGS FOR THE 2015 RENOVATION PROJECT. THIS PLAN IS FOR INFORMATION ONLY AND DOES NOT REPRESENT THE CURRENT UNDERFLOOR DUCT SYSTEM. THE UNDERFLOOR DUCT SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2021 IOWA MECHANICAL CODE AND THE 2021 IOWA ELECTRICAL CODE. THE UNDERFLOOR DUCT SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2021 IOWA MECHANICAL CODE AND THE 2021 IOWA ELECTRICAL CODE. THE UNDERFLOOR DUCT SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2021 IOWA MECHANICAL CODE AND THE 2021 IOWA ELECTRICAL CODE.



FIFTH FLOOR UNDERFLOOR DUCT PLAN



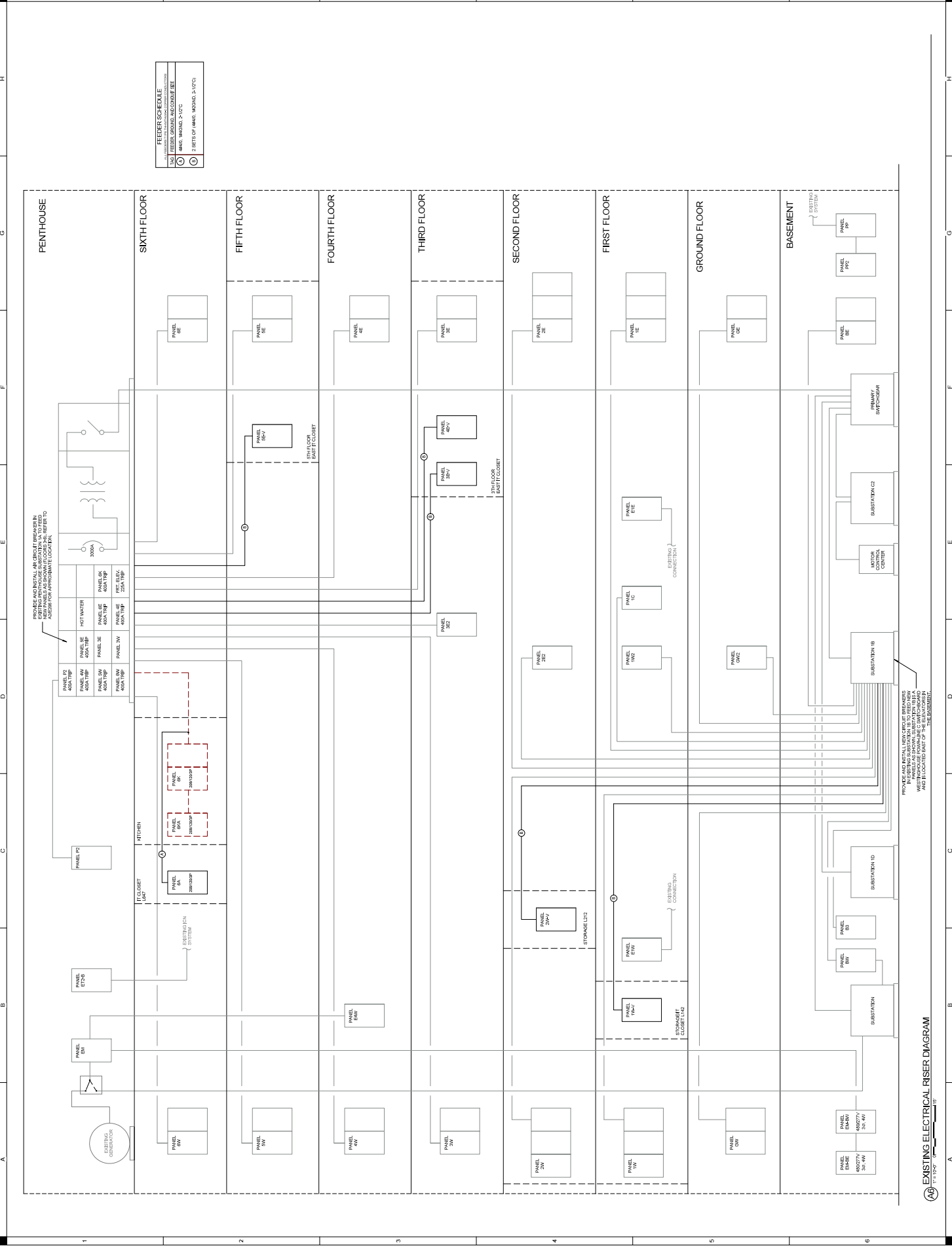
SIXTH FLOOR UNDERFLOOR DUCT PLAN

EXISTING RISER DIAGRAM

APPROVED BY	LSH
DESIGNED BY	LSH
REVIEWED BY	LSH
DATE	2023.04.19
PROJECT NUMBER	420302
FIELD BOOK	FIELD BOOK

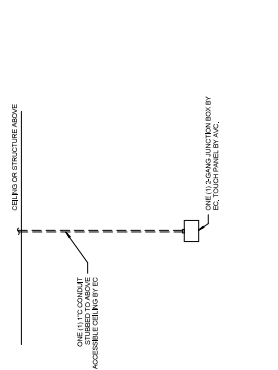
IOWA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01  
 IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES  
 CLIENT PROJECT NUMBER: 6188101  
 IOWA BUILDING 101 E 17TH STREET | DES MOINES, IA 50319

SHIVE-HARTY ARCHITECTURE+ENGINEERING  
 475 WESTERN BLVD., SUITE 100  
 WEST DES MOINES, IA 50309  
 515.283.9100 | SHIVE-HARTY.COM

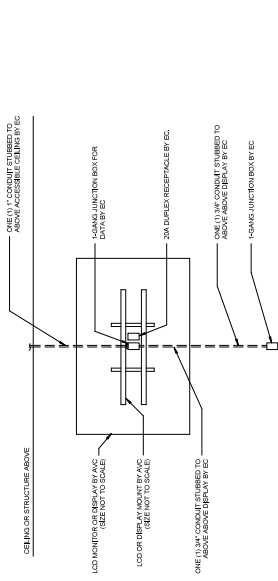


EXISTING ELECTRICAL RISER DIAGRAM

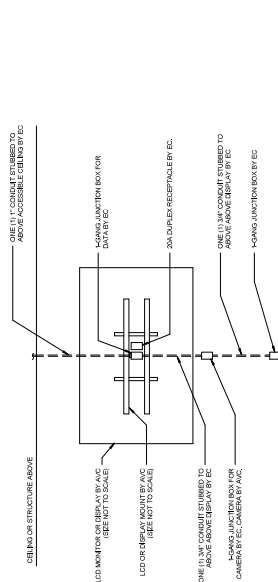
KEY	NOTE
ES1	KEY WORKSTATION RECEPTACLE PER WORKSTATION PROVIDED PART TYPE DATA OUTLINE PER WORKSTATION VALUES TO BE USED FOR ALL WORKSTATIONS.
ES2	KEY WORKSTATION RECEPTACLE PER WORKSTATION PROVIDED PART TYPE DATA OUTLINE PER WORKSTATION VALUES TO BE USED FOR ALL WORKSTATIONS.
ES3	KEY WORKSTATION RECEPTACLE PER WORKSTATION PROVIDED PART TYPE DATA OUTLINE PER WORKSTATION VALUES TO BE USED FOR ALL WORKSTATIONS.



AV DETAIL 1  
NO SCALE 1/8" = 1'-0"



AV DETAIL 2  
NO SCALE 1/8" = 1'-0"



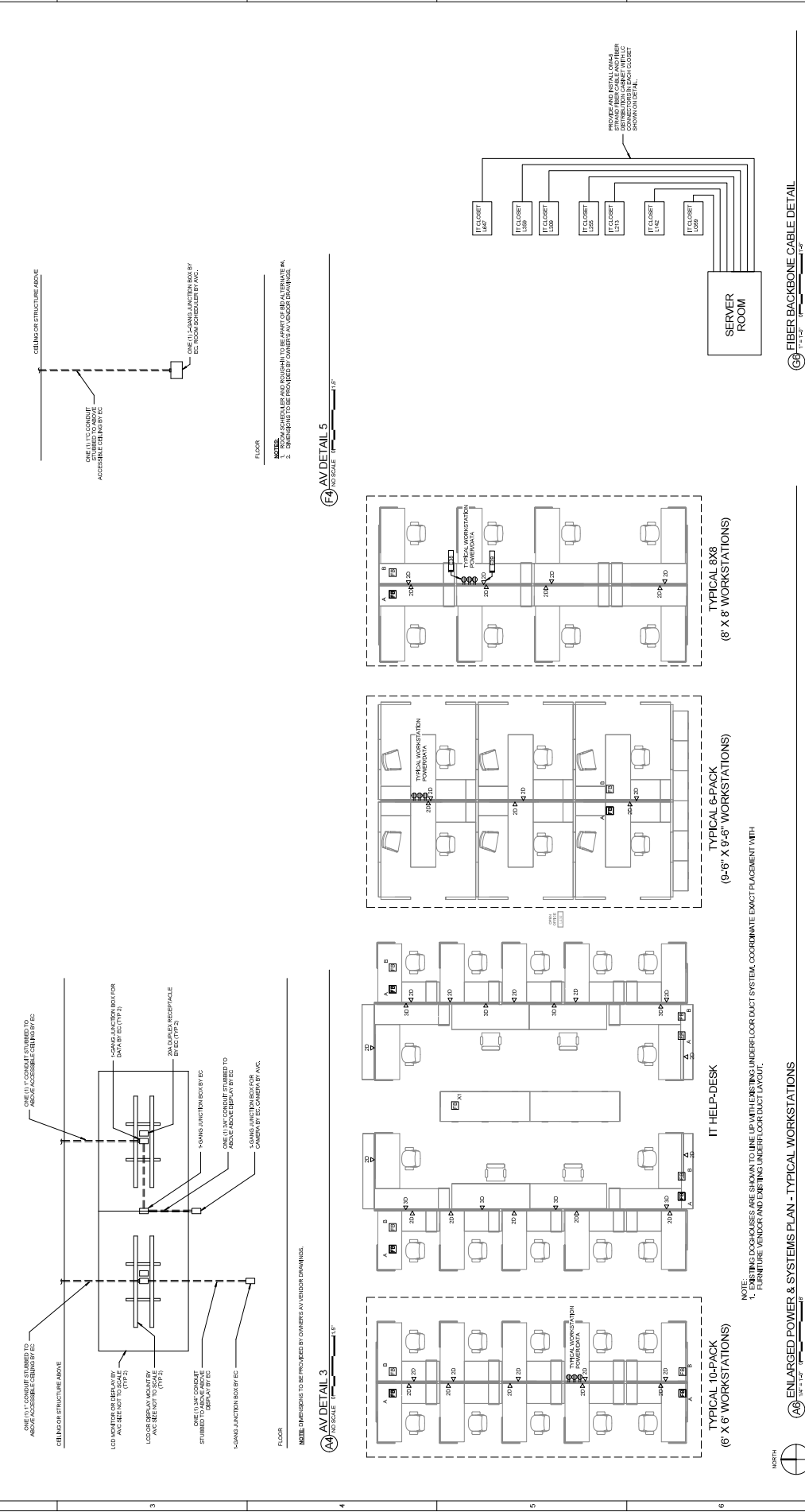
AV DETAIL 3  
NO SCALE 1/8" = 1'-0"



AV DETAIL 4  
NO SCALE 1/8" = 1'-0"



AV DETAIL 5  
NO SCALE 1/8" = 1'-0"















IOWA DEPARTMENT OF HEALTH & HUMAN SERVICES #9186.01

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES  
1500 WEST BROADWAY, SUITE 100  
DES MOINES, IOWA 50319  
PROJECT NUMBER 420202

SHIELD-WARE  
ARCHITECTURAL ENGINEERING  
1500 WEST BROADWAY, SUITE 100  
DES MOINES, IOWA 50319  
PROJECT NUMBER 420202

Table 5: Electrical load schedule for Panel 6E-V. Columns include Branch Panel Name (6E-V), Voltage (208Y/120), Phase (W, X, Y), Wire (4), Bus Size (400 AMPS), and various load categories (A-E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z). Includes a summary table for Panel Totals and a note: 'NOTE: (1) SAVE EXISTING CIRCUIT FOR RECONNECTION TO THIS PANEL. (2) PROVIDE NEW CIRCUIT BREAKER.' and 'FEED FROM: 6E-1'.

Table 6: Electrical load schedule for Panel 6A. Columns include Branch Panel Name (6A), Voltage (208Y/120), Phase (W, X, Y), Wire (4), Bus Size (225 AMPS), and various load categories. Includes a summary table for Panel Totals and a note: 'NOTE: (1) SAVE EXISTING CIRCUIT FOR RECONNECTION TO THIS PANEL. (2) PROVIDE NEW CIRCUIT BREAKER.' and 'FEED FROM: 6E-1'.

Table 7: Electrical load schedule for Panel 6K. Columns include Branch Panel Name (6K), Voltage (208Y/120), Phase (W, X, Y), Wire (4), Bus Size (225 AMPS), and various load categories. Includes a summary table for Panel Totals and a note: 'NOTE: (1) SAVE EXISTING CIRCUIT FOR RECONNECTION TO THIS PANEL. (2) PROVIDE NEW CIRCUIT BREAKER.' and 'FEED FROM: 6E-1'.

Table 8: Electrical load schedule for Panel 6E-2. Columns include Branch Panel Name (6E-2), Voltage (208Y/120), Phase (W, X, Y), Wire (4), Bus Size (225 AMPS), and various load categories. Includes a summary table for Panel Totals and a note: 'NOTE: (1) SAVE EXISTING CIRCUIT FOR RECONNECTION TO THIS PANEL. (2) PROVIDE NEW CIRCUIT BREAKER.' and 'FEED FROM: 6E-1'.

Table 9: Electrical load schedule for Panel 6E-V. Columns include Branch Panel Name (6E-V), Voltage (208Y/120), Phase (W, X, Y), Wire (4), Bus Size (400 AMPS), and various load categories. Includes a summary table for Panel Totals and a note: 'NOTE: (1) SAVE EXISTING CIRCUIT FOR RECONNECTION TO THIS PANEL. (2) PROVIDE NEW CIRCUIT BREAKER.' and 'FEED FROM: 6E-1'.

Table 10: Electrical load schedule for Panel 6A. Columns include Branch Panel Name (6A), Voltage (208Y/120), Phase (W, X, Y), Wire (4), Bus Size (225 AMPS), and various load categories. Includes a summary table for Panel Totals and a note: 'NOTE: (1) SAVE EXISTING CIRCUIT FOR RECONNECTION TO THIS PANEL. (2) PROVIDE NEW CIRCUIT BREAKER.' and 'FEED FROM: 6E-1'.

Table 11: Electrical load schedule for Panel 6K. Columns include Branch Panel Name (6K), Voltage (208Y/120), Phase (W, X, Y), Wire (4), Bus Size (225 AMPS), and various load categories. Includes a summary table for Panel Totals and a note: 'NOTE: (1) SAVE EXISTING CIRCUIT FOR RECONNECTION TO THIS PANEL. (2) PROVIDE NEW CIRCUIT BREAKER.' and 'FEED FROM: 6E-1'.

Table 12: Electrical load schedule for Panel 6E-2. Columns include Branch Panel Name (6E-2), Voltage (208Y/120), Phase (W, X, Y), Wire (4), Bus Size (225 AMPS), and various load categories. Includes a summary table for Panel Totals and a note: 'NOTE: (1) SAVE EXISTING CIRCUIT FOR RECONNECTION TO THIS PANEL. (2) PROVIDE NEW CIRCUIT BREAKER.' and 'FEED FROM: 6E-1'.

Table 13: Electrical load schedule for Panel 6W. Columns include Branch Panel Name (6W), Voltage (208Y/120), Phase (W, X, Y), Wire (4), Bus Size (225 AMPS), and various load categories. Includes a summary table for Panel Totals and a note: 'NOTE: (1) SAVE EXISTING CIRCUIT FOR RECONNECTION TO THIS PANEL. (2) PROVIDE NEW CIRCUIT BREAKER.' and 'FEED FROM: 6E-1'.

Table 14: Electrical load schedule for Panel 6A. Columns include Branch Panel Name (6A), Voltage (208Y/120), Phase (W, X, Y), Wire (4), Bus Size (225 AMPS), and various load categories. Includes a summary table for Panel Totals and a note: 'NOTE: (1) SAVE EXISTING CIRCUIT FOR RECONNECTION TO THIS PANEL. (2) PROVIDE NEW CIRCUIT BREAKER.' and 'FEED FROM: 6E-1'.

Table 15: Electrical load schedule for Panel 6E-2. Columns include Branch Panel Name (6E-2), Voltage (208Y/120), Phase (W, X, Y), Wire (4), Bus Size (225 AMPS), and various load categories. Includes a summary table for Panel Totals and a note: 'NOTE: (1) SAVE EXISTING CIRCUIT FOR RECONNECTION TO THIS PANEL. (2) PROVIDE NEW CIRCUIT BREAKER.' and 'FEED FROM: 6E-1'.

Table 16: Electrical load schedule for Panel 6E. Columns include Branch Panel Name (6E), Voltage (208Y/120), Phase (W, X, Y), Wire (4), Bus Size (225 AMPS), and various load categories. Includes a summary table for Panel Totals and a note: 'NOTE: (1) SAVE EXISTING CIRCUIT FOR RECONNECTION TO THIS PANEL. (2) PROVIDE NEW CIRCUIT BREAKER.' and 'FEED FROM: 6E-1'.



