CHICAGO - O'HARE INTERNATIONAL AIRPORT

LOCATION MAP

CDA
Chicago Department of Aviation

CITY OF CHICAGO
LORI E. LIGHTFOOT
MAYOR

CITY OF CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

ISSUED BY:
DEPARTMENT OF PROCUREMENT SERVICES
AILEEN VELAZQUEZ, CHIEF PROCUREMENT OFFICER

O'HARE INTERNATIONAL AIRPORT

Terminal 3 Improvements and Supplemental Bagroom

PROJECT DESCRIPTION:
The Terminal 3 Improvements and Supplemental Bagroom project includes both the renovation of an existing facility and a minor building addition. A new supplemental bagroom will be located on the lower level east end displacing an existing bag claim area to the west end. A portion of the existing vehicle service road will be enclosed at the lower level.On the upper level, a building expansion on the southeast side of Terminal 3 will provide space to expand existing holdrooms, improve circulation, and relocate an airline club. Security Checkpoint lanes and restrooms will be reconfigured and consolidated across the headhouse displacing other programs. The existing east mezzanine will be shelled out for a future tenant improvement project. New vertical circulation will be provided to respond to program modifications

CHICAGO DEPARTMENT OF AVIATION
PROJECT NO. H1220.23-00

WBS CODE: C.O.C.A.002.01

StudiORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

60% DESIGN - VOLUME 3

03/24/2023

3/22/2023 5:35:05 PM

VOLUME 1

GENERAL

NUMBER	NAME	PRICING 11/11/2022	30% 11/30/2022	ISSUE FOR BID	60% 03/24/2023
G0.10	COVER SHEET - VOLUME 1	X	X	X	X
G0.11	CONTACT INFORMATION	X	X	X	X
G1.10	SHEET INDEX	X	X	X	X
G1.11	SHEET INDEX			X	X
G1.12	SHEET INDEX			X	X
G2.01	GENERAL NOTES			X	X
G2.02	GENERAL NOTES			X	X
G3.4.01	PROGRAM PLAN - BASEMENT LEVEL		X		X
G3.4.02	PROGRAM PLAN - LOWER LEVEL		X		X
G3.4.03	PROGRAM PLAN - UPPER LEVEL		X		X
G3.4.04	PROGRAM PLAN - MEZZANINE LEVEL		X		X
G4.01	CODE ANALYSIS		X	X	X
G5.1.01	FIRE LIFE SAFETY PLAN - BASEMENT LEVEL		X	X	X
G5.1.02	FIRE LIFE SAFETY PLAN - LOWER LEVEL		X	X	X
G5.1.03	FIRE LIFE SAFETY PLAN - UPPER LEVEL		X	X	X
G5.1.04	FIRE LIFE SAFETY PLAN - MEZZANINE LEVEL		X	X	X
G5.2.01.01	BASEMENT LEVEL LIFE SAFETY PLAN		X		X
G5.2.02.01	LOWER LEVEL LIFE SAFETY PLAN-EAST		X		X
G5.2.02.02	LOWER LEVEL LIFE SAFETY PLAN- WEST		X		X
G5.2.03.01	UPPER LEVEL LIFE SAFETY PLAN - EAST		X		X
G5.2.03.02	UPPER LEVEL LIFE SAFETY PLAN - CENTER		X		X
G5.2.03.03	UPPER LEVEL LIFE SAFETY PLAN - WEST		X		X
G5.2.04.01	MEZZANINE LEVEL LIFE SAFETY PLAN - EAST		X		X
G6.01	ACCESSIBILITY REQUIREMENTS		X	X	X
G7.01	RENDERINGS	X	X	X	X

CIVIL

C0-0-01	CIVIL ABBREVIATIONS			X	X
C0-0-02	CIVIL LEGEND			X	X
C0-0-03	CIVIL GENERAL NOTES			X	X
C0-0-04	CIVIL GENERAL NOTES			X	X
CX-100	OVERALL EXISTING CONDITIONS PLAN		X	X	X
CX-101	EXISTING CONDITIONS PLAN		X	X	X
CX-102	EXISTING CONDITIONS PLAN			X	X
CX-103	EXISTING CONDITIONS PLAN			X	X
CX-190	EXISTING CONDITIONS PLAN - UPPER LEVEL				X
CD-100	OVERALL CIVIL DEMOLITION PLAN		X	X	X
CD-101	CIVIL DEMOLITION PLAN		X	X	X
CD-102	CIVIL DEMOLITION PLAN		X	X	X
CD-103	CIVIL DEMOLITION PLAN		X	X	X
CD-190	CIVIL DEMOLITION PLAN - UPPER LEVEL				X
C-100	OVERALL SITE PLAN		X	X	X
C-101	SITE PLAN			X	X
C-102	SITE PLAN		X	X	X
C-103	SITE PLAN		X	X	X
C-190	CIVIL SITE PLAN - UPPER LEVEL				X
C-300	TYPICAL SECTIONS			X	X
C-301	PAVEMENT DETAILS			X	X
C-302	PAVEMENT DETAILS				X
C-500	STRUCTURAL DETAILS			X	X
CGR-100	OVERALL CIVIL GRADING SITE PLAN			X	X
CGR-101	CIVIL GRADING PLAN			X	X
CGR-102	CIVIL GRADING PLAN			X	X
CGR-103	CIVIL GRADING PLAN			X	X
CGR-190	CIVIL GRADING PLAN - UPPER LEVEL				X
CDR-100	OVERALL DRAINAGE AND UNDERDRAIN PLAN		X	X	X
CDR-101	DRAINAGE AND UNDERDRAIN PLAN		X	X	X
CDR-102	DRAINAGE AND UNDERDRAIN PLAN			X	X
CDR-103	DRAINAGE AND UNDERDRAIN PLAN			X	X
CDR-200	DRAINAGE PROFILES				X
CDR-500	DRAINAGE AND UNDERDRAIN DETAILS				X
CDR-501	DRAINAGE AND UNDERDRIAN DETAILS			X	X
CDR-502	DRAINAGE AND UNDERDRIAN DETAILS			X	X
CDR-503	DRAINAGE AND UNDERDRIAN DETAILS			X	X
CU-100	OVERALL CIVIL UTILITY LAYOUT PLAN		X	X	X
CU-101	CIVIL UTILITY LAYOUT PLAN		X	X	X
CU-102	CIVIL UTILITY LAYOUT PLAN			X	X
CU-103	CIVIL UTILITY LAYOUT PLAN			X	X
CU-200	UTILITY PROFILES				X
CU-500	CIVIL UTILITY DETAILS			X	X
CU-501	CIVIL UTILITY DETAILS			X	X
CU-502	CIVIL UTILITY DETAILS			X	X
CU-503	CIVIL UTILITY DETAILS			X	X
CU-504	CIVIL UTILITY DETAILS			X	X
CU-505	CIVIL UTILITY DETAILS			X	X
CU-506	CIVIL UTILITY DETAILS			X	X
CU-507	CIVIL UTILITY DETAILS			X	X

AIRSIDE PLANNING

CA1.0.05	EXISTING AIRCRAFT PARKING PLAN - GATES K1 & L2A		X	X	X
CA2.0.05	NEW AIRCRAFT PARKING PLAN - GATES K1 & L2A		X	X	X

STRUCTURAL

NUMBER	NAME	PRICING 5/14/2021	30% 11/30/2022	ISSUE FOR BID	60% 03/24/2023
SD1.1.01	OVERALL DEMOLITION PLAN - BASEMENT LEVEL	X	X	X	X
SD1.1.02	OVERALL DEMOLITION PLAN - LOWER LEVEL	X	X	X	X
SD1.1.03	OVERALL DEMOLITION PLAN - UPPER LEVEL	X	X	X	X
SD1.1.04	OVERALL DEMOLITION PLAN - MEZZANINE LEVEL			X	X
SD1.1.05	OVERALL DEMOLITION PLAN - ROOF LEVEL	X	X	X	X
SD2.1.01.2H	DEMOLITION PLAN - BASEMENT LEVEL - AREA 2H			X	X
SD2.1.01.3H	DEMOLITION PLAN - BASEMENT LEVEL - AREA 3H			X	X
SD2.1.02.2F	DEMOLITION PLAN - LOWER LEVEL - AREA 2F			X	X
SD2.1.02.2G	DEMOLITION PLAN - LOWER LEVEL - AREA 2G				X
SD2.1.02.2H	DEMOLITION PLAN - LOWER LEVEL - AREA 2H			X	X
SD2.1.02.3H	DEMOLITION PLAN - LOWER LEVEL - AREA 3H			X	X
SD2.1.03.2F	DEMOLITION PLAN - UPPER LEVEL - AREA 2F			X	X
SD2.1.03.2G	DEMOLITION PLAN - UPPER LEVEL - AREA 2G			X	X
SD2.1.03.2H	DEMOLITION PLAN - UPPER LEVEL - AREA 2H			X	X
SD2.1.04.2G	DEMOLITION PLAN - MEZZANINE LEVEL - AREA 2G			X	X
SD2.1.04.2H	DEMOLITION PLAN - MEZZANINE LEVEL - AREA 2H			X	X
SD2.1.05.2F	DEMOLITION PLAN - ROOF LEVEL - AREA 2F			X	X
SD2.1.05.2H	DEMOLITION PLAN - ROOF LEVEL - AREA 2H			X	X
S0.1.01	ABBREVIATIONS AND LEGENDS	X	X	X	X
S0.1.03	GENERAL NOTES	X	X	X	X
S0.1.04	GENERAL NOTES	X	X	X	X
S0.3.00	LOAD MAPS	X	X	X	X
S1.1.01	OVERALL FRAMING PLAN - BASEMENT LEVEL			X	X
S1.1.02	OVERALL FRAMING PLAN - LOWER LEVEL	X	X	X	X
S1.1.03	OVERALL FRAMING PLAN - UPPER LEVEL	X	X	X	X
S1.1.04	OVERALL FRAMING PLAN - MEZZANINE LEVEL			X	X
S1.1.05	OVERALL FRAMING PLAN - ROOF LEVEL	X	X	X	X
S2.1.01.1G	FRAMING PLAN - BASEMENT LEVEL - AREA 1G			X	X
S2.1.01.1H	FRAMING PLAN - BASEMENT LEVEL - AREA 1H			X	X
S2.1.01.2H	FRAMING PLAN - BASEMENT LEVEL - AREA 2H				X
S2.1.01.3H	FRAMING PLAN - BASEMENT LEVEL - AREA 3H			X	X
S2.1.02.2F	FRAMING PLAN - LOWER LEVEL - AREA 2F	X	X	X	X
S2.1.02.2G	FRAMING PLAN - LOWER LEVEL - AREA 2G	X	X	X	X
S2.1.02.2H	FRAMING PLAN - LOWER LEVEL- AREA 2H	X	X	X	X
S2.1.02.3G	FRAMING PLAN - LOWER LEVEL - AREA 3G	X	X	X	X
S2.1.02.3H	FRAMING PLAN - LOWER LEVEL - AREA 3H	X	X	X	X
S2.1.03.2F	FRAMING PLAN - UPPER LEVEL - AREA 2F	X	X	X	X
S2.1.03.2G	FRAMING PLAN - UPPER LEVEL - AREA 2G	X	X	X	X
S2.1.03.2H	FRAMING PLAN - UPPER LEVEL - AREA 2H	X	X	X	X
S2.1.03.3G	FRAMING PLAN - UPPER LEVEL - AREA 3G	X	X	X	X
S2.1.03.3H	FRAMING PLAN - UPPER LEVEL - AREA 3H	X	X	X	X
S2.1.04.2F	FRAMING PLAN - MEZZANINE LEVEL - AREA 2F			X	X
S2.1.04.2G	FRAMING PLAN - MEZZANINE LEVEL - AREA 2G			X	X
S2.1.04.2H	FRAMING PLAN - MEZZANINE LEVEL - AREA 2H			X	X
S2.1.05.2F	FRAMING PLAN - ROOF - AREA 2F	X	X	X	X
S2.1.05.2G	FRAMING PLAN - ROOF - AREA 2G	X	X	X	X
S2.1.05.2H	FRAMING PLAN - ROOF - AREA 2H	X	X	X	X
S2.1.05.3G	FRAMING PLAN - ROOF - AREA 3G	X	X	X	X
S2.1.05.3H	FRAMING PLAN - ROOF - AREA 3H	X	X	X	X
S5.1.01	BUILDING SECTIONS	X	X	X	X
S6.2.02	FRAMING PLAN - ELEVATOR TO BASEMENT ALTERNATE				X
S8.1.01	TYPICAL DRILLED SHAFT DETAILS	X	X	X	X
S8.1.02	TYPICAL FOUNDATION DETAILS AND SCHEDULES			X	X
S8.1.03	TYPICAL GRADE BEAM DETAILS			X	X
S8.1.04	TYPICAL GRADE BEAM DETAILS			X	X
S8.3.01	TYPICAL CMU NON-LOAD BEARING WALL DETAILS			X	X
S8.3.02	TYPICAL CMU NON-LOAD BEARING WALL DETAILS			X	X
S8.4.01	TYPICAL STEEL DETAILS	X	X	X	X
S8.4.02	TYPICAL STEEL DETAILS	X	X	X	X
S8.4.03	TYPICAL STEEL DECK DETAILS	X	X	X	X
S8.4.04	TYPICAL STEEL DECK DETAILS	X	X	X	X

ARCHITECTURAL - DEMOLITION

NUMBER	NAME	PRICING	30% 11/30/2022	ISSUE FOR BID	60% 03/24/2023
AD1.1.01	OVERALL DEMOLITION PLAN - BASEMENT LEVEL	X	X	X	X
AD1.1.02	OVERALL DEMOLITION PLAN - LOWER LEVEL	X	X	X	X
AD1.1.03	OVERALL DEMOLITION PLAN - UPPER LEVEL	X	X	X	X
AD1.1.04	OVERALL DEMOLITION PLAN - MEZZANINE LEVEL	X	X	X	X
AD1.1.05	OVERALL DEMOLITION PLAN - ROOF LEVEL	X	X	X	X
AD2.1.01.1G	DEMOLITION PLAN BASEMENT LEVEL PLAN - AREA 1G	X	X	X	X
AD2.1.01.1H	DEMOLITION PLAN BASEMENT LEVEL PLAN - AREA 1H	X	X	X	X
AD2.1.01.2G	DEMOLITION PLAN BASEMENT LEVEL PLAN - AREA 2G	X	X	X	X
AD2.1.01.2H	DEMOLITION PLAN BASEMENT LEVEL PLAN - AREA 2H	X	X	X	X
AD2.1.01.3F	DEMOLITION PLAN BASEMENT LEVEL PLAN - AREA 3F	X	X	X	X
AD2.1.02.2D	DEMOLITION PLAN LOWER LEVEL PLAN - AREA 2D	X	X	X	X
AD2.1.02.2E	DEMOLITION PLAN LOWER LEVEL PLAN - AREA 2E	X	X	X	X
AD2.1.02.2F	DEMOLITION PLAN LOWER LEVEL PLAN - AREA 2F	X	X	X	X
AD2.1.02.2G	DEMOLITION PLAN LOWER LEVEL PLAN - AREA 2G	X	X	X	X
AD2.1.02.2H	DEMOLITION PLAN LOWER LEVEL PLAN - AREA 2H	X	X	X	X
AD2.1.02.3G	DEMOLITION PLAN LOWER LEVEL PLAN - AREA 3G	X	X	X	X
AD2.1.02.3H	DEMOLITION PLAN LOWER LEVEL PLAN - AREA 3H	X	X	X	X
AD2.1.03.2D	DEMOLITION PLAN UPPER LEVEL PLAN - AREA 2D	X	X	X	X
AD2.1.03.2E	DEMOLITION PLAN UPPER LEVEL PLAN - AREA 2E	X	X	X	X
AD2.1.03.2F	DEMOLITION PLAN UPPER LEVEL PLAN - AREA 2F	X	X	X	X
AD2.1.03.2G	DEMOLITION PLAN UPPER LEVEL PLAN - AREA 2G	X	X	X	X
AD2.1.03.2H	DEMOLITION PLAN UPPER LEVEL PLAN - AREA 2H	X	X	X	X
AD2.1.03.3G	DEMOLITION PLAN UPPER LEVEL PLAN - AREA 3G	X	X	X	X
AD2.1.03.3H	DEMOLITION PLAN UPPER LEVEL PLAN - AREA 3H	X	X	X	X
AD2.1.04.2G	DEMOLITION PLAN MEZZANINE LEVEL PLAN - AREA 2G	X	X	X	X
AD2.1.04.2H	DEMOLITION PLAN MEZZANINE LEVEL PLAN - AREA 2H	X	X	X	X
AD2.1.05.2H	DEMOLITION PLAN ROOF LEVEL PLAN - AREA 2H	X	X	X	X
AD2.2.01.1G	DEMOLITION BASEMENT LEVEL REFLECTED CEILING PLAN - AREA 1G	X	X	X	X
AD2.2.01.2G	DEMOLITION BASEMENT LEVEL REFLECTED CEILING PLAN - AREA 2G	X	X	X	X
AD2.2.01.2H	DEMOLITION BASEMENT LEVEL REFLECTED CEILING PLAN - AREA 2H	X	X	X	X
AD2.2.02.2D	DEMOLITION LOWER LEVEL REFLECTED CEILING PLAN - AREA 2D	X	X	X	X
AD2.2.02.2E	DEMOLITION LOWER LEVEL REFLECTED CEILING PLAN - AREA 2E	X	X	X	X
AD2.2.02.2F	DEMOLITION LOWER LEVEL REFLECTED CEILING PLAN - AREA 2F	X	X	X	X
AD2.2.02.2G	DEMOLITION LOWER LEVEL REFLECTED CEILING PLAN - AREA 2G	X	X	X	X
AD2.2.02.2H	DEMOLITION LOWER LEVEL REFLECTED CEILING PLAN - AREA 2H	X	X	X	X
AD2.2.02.3H	DEMOLITION LOWER LEVEL REFLECTED CEILING PLAN - AREA 3H	X	X	X	X
AD2.2.03.2D	DEMOLITION UPPER LEVEL REFLECTED CEILING PLAN - AREA 2D	X	X	X	X
AD2.2.03.2E	DEMOLITION UPPER LEVEL REFLECTED CEILING PLAN - AREA 2E	X	X	X	X
AD2.2.03.2F	DEMOLITION UPPER LEVEL REFLECTED CEILING PLAN - AREA 2F	X	X	X	X
AD2.2.03.2G	DEMOLITION UPPER LEVEL REFLECTED CEILING PLAN - AREA 2G	X	X	X	X
AD2.2.03.2H	DEMOLITION UPPER LEVEL REFLECTED CEILING PLAN - AREA 2H	X	X	X	X
AD2.2.03.3H	DEMOLITION UPPER LEVEL REFLECTED CEILING PLAN - AREA 3H	X	X	X	X
AD2.2.04.2G	DEMOLITION MEZZANINE LEVEL REFLECTED CEILING PLAN - AREA 2G	X	X	X	X
AD2.2.04.2H	DEMOLITION MEZZANINE LEVEL REFLECTED CEILING PLAN - AREA 2H	X	X	X	X
AD5.3.100	DEMOLITION SECTON	X	X	X	X

ARCHITECTURAL - SITE

AS.01	SITE PLAN - TERMINAL 3 - LOWER LEVEL	X	X	X	X
AS.02	SITE PLAN - TERMINAL 3 - UPPER LEVEL	X	X	X	X

ARCHITECTURAL

NUMBER	NAME	PRICING 11/11/2022	30% 11/30/2022	ISSUE FOR BID	60% 03/24/2023
A0.01	ABBREVIATIONS & GRAPHIC LEGENDS	X	X	X	X
A1.1.01	OVERALL PLAN - BASEMENT LEVEL	X	X	X	X
A1.1.02	OVERALL PLAN - LOWER LEVEL	X	X	X	X
A1.1.03	OVERALL PLAN - UPPER LEVEL	X	X	X	X
A1.1.04	OVERALL PLAN - MEZZANINE LEVEL	X	X	X	X
A1.1.05	OVERALL PLAN - ROOF LEVEL	X	X	X	X
A2.1.01.1G	BASEMENT LEVEL PLAN - AREA 1G	X	X	X	X
A2.1.01.1H	BASEMENT LEVEL PLAN - AREA 1H		X	X	X
A2.1.01.2G	BASEMENT LEVEL PLAN - AREA 2G	X	X	X	X
A2.1.01.2H	BASEMENT LEVEL PLAN - AREA 2H	X	X	X	X
A2.1.02.2D	LOWER LEVEL PLAN - AREA 2D	X	X	X	X
A2.1.02.2E	LOWER LEVEL PLAN - AREA 2E	X	X	X	X
A2.1.02.2F	LOWER LEVEL PLAN - AREA 2F		X	X	X
A2.1.02.2G	LOWER LEVEL PLAN - AREA 2G	X	X	X	X
A2.1.02.2H	LOWER LEVEL PLAN - AREA 2H	X	X	X	X
A2.1.02.3F	LOWER LEVEL PLAN - AREA 3F	X	X	X	X
A2.1.02.3G	LOWER LEVEL PLAN - AREA 3G	X	X	X	X
A2.1.02.3H	LOWER LEVEL PLAN - AREA 3H	X	X	X	X
A2.1.03.2D	UPPER LEVEL PLAN - AREA 2D			X	X
A2.1.03.2E	UPPER LEVEL PLAN - AREA 2E			X	X
A2.1.03.2F	UPPER LEVEL PLAN - AREA 2F	X	X	X	X
A2.1.03.2G	UPPER LEVEL PLAN - AREA 2G	X	X	X	X
A2.1.03.2H	UPPER LEVEL PLAN - AREA 2H	X	X	X	X
A2.1.03.3G	UPPER LEVEL PLAN - AREA 3G	X	X	X	X
A2.1.03.3H	UPPER LEVEL PLAN - AREA 3H	X	X	X	X
A2.1.04.2G	MEZZANINE LEVEL PLAN - AREA 2G	X	X	X	X
A2.1.04.2H	MEZZANINE LEVEL PLAN - AREA 2H	X	X	X	X
A2.1.05.2F	ROOF LEVEL PLAN - AREA 2F	X	X	X	X
A2.1.05.2G	ROOF LEVEL PLAN - AREA 2G	X	X	X	X
A2.1.05.2H	ROOF LEVEL PLAN - AREA 2H	X	X	X	X
A2.1.05.3G	ROOF LEVEL PLAN - AREA 3G	X	X	X	X
A2.1.05.3H	ROOF LEVEL PLAN - AREA 3H	X	X	X	X
A2.2.01.1G	BASEMENT LEVEL REFLECTED CEILING PLAN - AREA 1G			X	X
A2.2.01.2G	BASEMENT LEVEL REFLECTED CEILING PLAN - AREA 2G			X	X
A2.2.01.2H	BASEMENT LEVEL REFLECTED CEILING PLAN - AREA 2H			X	X
A2.2.02.2D	LOWER LEVEL REFLECTED CEILING PLAN - AREA 2D			X	X
A2.2.02.2E	LOWER LEVEL REFLECTED CEILING PLAN - AREA 2E			X	X
A2.2.02.2F	LOWER LEVEL REFLECTED CEILING PLAN - AREA 2F			X	X
A2.2.02.2G	LOWER LEVEL REFLECTED CEILING PLAN - AREA 2G			X	X
A2.2.02.2H	LOWER LEVEL REFLECTED CEILING PLAN - AREA 2H			X	X
A2.2.02.3G	LOWER LEVEL REFLECTED CEILING PLAN - AREA 3G			X	X
A2.2.02.3H	LOWER LEVEL REFLECTED CEILING PLAN - AREA 3H			X	X
A2.2.03.2D	UPPER LEVEL REFLECTED CEILING PLAN - AREA 2D			X	X
A2.2.03.2E	UPPER LEVEL REFLECTED CEILING PLAN - AREA 2E			X	X
A2.2.03.2F	UPPER LEVEL REFLECTED CEILING PLAN - AREA 2F			X	X
A2.2.03.2G	UPPER LEVEL REFLECTED CEILING PLAN - AREA 2G			X	X
A2.2.03.2H	UPPER LEVEL REFLECTED CEILING PLAN - AREA 2H			X	X
A2.2.03.3G	UPPER LEVEL REFLECTED CEILING PLAN - AREA 3G			X	X
A2.2.03.3H	UPPER LEVEL REFLECTED CEILING PLAN - AREA 3H			X	X
A2.2.04.2G	MEZZANINE LEVEL REFLECTED CEILING PLAN - AREA 2G			X	X
A2.2.04.2H	MEZZANINE LEVEL REFLECTED CEILING PLAN - AREA 2H			X	X
A2.3.01.1G	BASEMENT LEVEL FINISH PLAN - AREA 1G	X	X	X	X
A2.3.01.2G	BASEMENT LEVEL FINISH PLAN - AREA 2G	X	X	X	X
A2.3.01.2H	BASEMENT LEVEL FINISH PLAN - AREA 2H	X	X	X	X
A2.3.02.2D	LOWER LEVEL FINISH PLAN - AREA 2D	X	X	X	X
A2.3.02.2E	LOWER LEVEL FINISH PLAN - AREA 2E	X	X	X	X
A2.3.02.2F	LOWER LEVEL FINISH PLAN - AREA 2F	X	X	X	X
A2.3.02.2G	LOWER LEVEL FINISH PLAN - AREA 2G	X	X	X	X
A2.3.02.2H	LOWER LEVEL FINISH PLAN - AREA 2H	X	X	X	X
A2.3.02.3G	LOWER LEVEL FINISH PLAN - AREA 3G	X	X	X	X
A2.3.02.3H	LOWER LEVEL FINISH PLAN - AREA 3H	X	X	X	X
A2.3.03.2D	UPPER LEVEL FINISH PLAN - AREA 2D			X	X
A2.3.03.2E	UPPER LEVEL FINISH PLAN - AREA 2E			X	X
A2.3.03.2F	UPPER LEVEL FINISH PLAN - AREA 2F			X	X
A2.3.03.2G	UPPER LEVEL FINISH PLAN - AREA 2G	X	X	X	X
A2.3.03.2H	UPPER LEVEL FINISH PLAN - AREA 2H	X	X	X	X
A2.3.03.3G	UPPER LEVEL FINISH PLAN - AREA 3G	X	X	X	X
A2.3.03.3H	UPPER LEVEL FINISH PLAN - AREA 3H	X	X	X	X
A2.3.04.2G	MEZZANINE LEVEL FINISH PLAN - AREA 2G	X	X	X	X
A2.3.04.2H	MEZZANINE LEVEL FINISH PLAN - AREA 2H	X	X	X	X
A3.001	ENLARGED PLANS			X	X
A3.002	ENLARGED PLANS			X	X
A3.003	ENLARGED PLANS			X	X
A3.004	ENLARGED PLANS			X	X
A4.1.01	EXTERIOR MATRICES		X	X	X
A4.1.02	EXTERIOR VERTICAL AND HORIZONTAL ASSEMBLIES		X	X	X
A4.2.101	ENLARGED EXTERIOR ELEVATIONS	X	X	X	X
A4.2.102	ENLARGED EXTERIOR ELEVATIONS	X	X	X	X
A4.2.103	ENLARGED EXTERIOR ELEVATIONS	X	X	X	X
A4.3.000	INTERIOR MATERIAL MATRIX, RESTROOM ACCESSORY SCHEDULE & MOUNTING HEIGHTS	X	X	X	X
A4.3.101	OVERALL INTERIOR ELEVATIONS	X	X	X	X
A4.3.102	OVERALL INTERIOR ELEVATIONS	X	X	X	X
A4.3.103	OVERALL INTERIOR ELEVATIONS		X	X	X
A4.3.104	OVERALL INTERIOR ELEVATIONS			X	X
A4.3.105	OVERALL INTERIOR ELEVATIONS			X	X
A4.3.106	OVERALL INTERIOR ELEVATIONS			X	X
A4.3.107	OVERALL INTERIOR ELEVATIONS			X	X
A4.5.01	ENLARGED RESTROOM - MEZZANINE LEVEL - AREA 2G	X	X	X	X
A4.5.02	ENLARGED RESTROOM PLANS - UPPER LEVEL - AREA 2G	X	X	X	X
A4.5.03	ENLARGED RESTROOM ELEVATIONS - UPPER LEVEL - AREA 2G	X	X	X	X
A4.5.04	ENLARGED RESTROOM PLANS - UPPER LEVEL AREA - 2G	X	X	X	X
A4.5.05	ENLARGED RESTROOM ELEVATIONS - UPPER LEVEL - AREA 2G			X	X
A4.5.06	ENLARGED RESTROOM PLANS - UPPER LEVEL - AREA 2E	X	X	X	X
A4.5.07	ENLARGED RESTROOM ELEVATION - UPPER LEVEL - AREA 2E			X	X
A5.2.100	ENLARGED BUILDING SECTIONS	X	X	X	X
A5.2.101	ENLARGED BUILDING SECTIONS	X	X	X	X
A5.2.102	ENLARGED BUILDING SECTIONS			X	X
A6.1.01	VERTICAL CIRCULATION - STAIR		X	X	X
A6.1.02	VERTICAL CIRCULATION - STAIR		X	X	X
A6.1.91	STAIR DETAILS			X	X
A6.1.92	STAIR DETAILS			X	X
A6.2.01	VERTICAL CIRCULATION - ELEVATOR			X	X
A6.2.02	VERTICAL CIRCULATION - ELEVATOR	X	X	X	X
A6.2.91	ELEVATOR DETAILS			X	X
A6.3.01	VERTICAL CIRCULATION - ESCALATOR				X
A6.3.91	ESCALATOR DETAILS				X
A7.1.100	EXTERIOR PLAN DETAILS			X	X
A7.1.101	EXTERIOR PLAN DETAILS			X	X
A7.2.100	EXTERIOR SECTION DETAILS			X	X
A7.2.101	EXTERIOR SECTION DETAILS				X
A7.2.104	EXTERIOR SECTION DETAILS			X	X
A7.2.105	EXTERIOR SECTION DETAILS			X	X
A7.3.001	INTERIOR DETAILS			X	X
A7.3.200	INTERIOR DETAILS - WALL PANEL SYSTEMS			X	X
A7.3.400	INTERIOR DETAILS - SPECIALTY			X	X
A7.3.401	INTERIOR DETAILS - SPECIALTY				X
A7.3.500	INTERIOR DETAILS - COLUMN COVERS			X	X
A7.3.600	INTERIOR DETAILS - EXPANSION JOINTS			X	X
A7.3.700	INTERIOR DETAILS - FLOOR TRANSITIONS			X	X
A7.4.000	CEILING DETAILS - CEILING ASSEMBLIES			X	X
A7.4.002	CEILING DETAILS - TRANSITIONS			X	X
A7.4.003	CEILING DETAILS - TRANSITIONS				X
A7.4.004	CEILING DETAILS - SSCP			X	X
A7.7.001	SITE DETAILS			X	X
A8.1.01	PARTITION TYPES		X	X	X
A8.1.02	PARTITION TYPES - TRANSITIONS		X	X	X
A8.1.03	PARTITION TYPES - TRANSITIONS	X	X	X	X
A8.2.00	DOOR ELEVATIONS & FRAMES AND DOOR SCHEDULE		X	X	X
A8.2.01	DOOR DETAILS		X	X	X

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **–**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SHEET INDEX

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VOLUME 2

SIGNAGE & WAYFINDING

NUMBER	NAME	PRICING 11/11/2022	ISSUE FOR BID	30% 11/30/2022	60% 03/24/2023
IG0.1.01	SIGN PLAN - UPPER LEVEL			X	X
IG0.1.02	SIGN PLAN - LOWER LEVEL			X	X
IG0.1.03	SIGN PLAN - BASEMENT			X	X
IG0.1.04	SIGN TYPE OVERVIEW - EXISTING & MASTER PLAN			X	X
IG0.1.05	SYMBOLS, COLOR, TERMINOLOGY			X	X
IG0.1.06	SIGN TYPE DETAILS AND CONSTRUCTION INFORMATION			X	X
IG0.1.07	SIGN TYPE DETAILS AND CONSTRUCTION INFROMATION			X	X
IG0.1.08	SIGN TYPE DETAILS AND CONSTRUCTION INFORMATION			X	X
IG0.1.09	SIGN CONSTRUCTION DETAILS			X	X
IG0.1.10	SIGN TYPE / MESSAGING CONFIRMATION - UPPER LEVEL LANDSIDE			X	X
IG0.1.11	SIGN TYPE / MESSAGING CONFIRMATION - UPPER LEVEL LANDSIDE			X	X
IG0.1.12	SIGN TYPE / MESSAGING CONFIRMATION - UPPER LEVEL AIRSIDE			X	X
IG0.1.13	SIGN TYPE / MESSAGING CONFIRMATION - UPPER LEVEL AIRSIDE			X	X
IG0.1.14	SIGN TYPE / MESSAGING CONFIRMATION - LOWER LEVEL LANDSIDE				X
IG0.1.15	SIGN TYPE / MESSAGING CONFIRMATION - LOWER LEVEL LANDSIDE				X

EQUIPMENT

NUMBER	NAME	PRICING 11/11/2022	ISSUE FOR BID	30% 11/30/2022	60% 03/24/2023
QA0.1.01	SYMBOLS, ABBREVIATIONS, & GENERAL NOTES			X	X
QA1.1.01	EXISTING PBB LAYOUT - GATE L2A			X	X
QA2.1.01	NEW PBB LAYOUT - GATE L2A			X	X
QA3.1.01	PBB DETAILS - PART ONE			X	X
QA3.1.02	PBB DETAILS - PART TWO			X	X
QA3.1.03	PBB DETAILS - PART THREE			X	X
QA4.1.01	RIDS RELOCATION PLAN			X	X

BAGGAGE HANDLING SYSTEMS

NUMBER	NAME	PRICING 11/11/2022	30% 11/30/2022	ISSUE FOR BID	60% 03/24/2023
QB0.01	LEGEND, GENERAL NOTES & DRAWING LIST	X	X	X	X
QB0.02	SINGLE LINE DIAGRAM			X	X
QBD1.1.01	BASEMENT ONE - DEMOLTION PLAN - OVERALL BHS	X	X	X	X
QBD1.1.01.2E	BASEMENT ONE - DEMOLITION PLAN - AREA 2E BHS	X	X	X	X
QBD1.1.01.2F	BASEMENT ONE - DEMOLITION PLAN - AREA 2F BHS	X	X	X	X
QBD1.1.01.3E	BASEMENT ONE - DEMOLITION PLAN - AREA 3E BHS	X	X	X	X
QBD1.1.01.3F	BASEMENT ONE - DEMOLITION PLAN - AREA 3F BHS	X	X	X	X
QBD1.1.01.4E	BASEMENT ONE - DEMOLITION PLAN - AREA 4E BHS	X	X	X	X
QBD1.1.02	LOWER LEVEL - DEMOLITION PLAN - OVERALL BHS	X	X	X	X
QBD1.1.02.2D	LOWER LEVEL - DEMOLITION PLAN - AREA 2D BHS	X	X	X	X
QBD1.1.02.2E	LOWER LEVEL - DEMOLITION PLAN - AREA 2E BHS	X	X	X	X
QBD1.1.02.2F	LOWER LEVEL - DEMOLITION PLAN - AREA 2F BHS	X	X	X	X
QBD1.1.02.2G	LOWER LEVEL - DEMOLITION PLAN - AREA 2G BHS	X	X	X	X
QBD1.1.02.2H	LOWER LEVEL - DEMOLITION PLAN - AREA 2H BHS	X	X	X	X
QBD1.1.02.3E	LOWER LEVEL - DEMOLITION PLAN - AREA 3E BHS	X	X	X	X
QBD1.1.02.3F	LOWER LEVEL - DEMOLITION PLAN - AREA 3F BHS		X	X	X
QBD1.1.02.3H	LOWER LEVEL - DEMOLITION PLAN - AREA 3H BHS		X	X	X
QBD1.1.03	UPPER LEVEL - DEMOLITION PLAN - OVERALL BHS			X	X
QBD1.1.03.2E	UPPER LEVEL - DEMOLITION PLAN - AREA 2E BHS			X	X
QBD1.1.03.2F	UPPER LEVEL - DEMOLITION PLAN - AREA 2F BHS			X	X
QBD1.1.03.2G	UPPER LEVEL - DEMOLITION PLAN - AREA 2G BHS			X	X
QBD1.1.03.2H	UPPER LEVEL - DEMOLITION PLAN - AREA 2H BHS			X	X
QB2.1.01	BASEMENT ONE - OVERALL BHS PLAN	X	X	X	X
QB2.1.01.2E	BASEMENT ONE PLAN - AREA 2E BHS	X	X	X	X
QB2.1.01.2F	BASEMENT ONE PLAN - AREA 2F BHS	X	X	X	X
QB2.1.01.2H	BASEMENT ONE PLAN - AREA 2H BHS	X	X	X	X
QB2.1.01.3E	BASEMENT ONE PLAN - AREA 3E BHS	X	X	X	X
QB2.1.01.3F	BASEMENT ONE PLAN - AREA 3F BHS	X	X	X	X
QB2.1.01.3H	BASEMENT ONE PLAN - AREA 3H BHS	X	X	X	X
QB2.1.02	LOWER LEVEL - OVERALL BHS PLAN	X	X	X	X
QB2.1.02.2D	LOWER LEVEL PLAN - AREA 2D BHS	X	X	X	X
QB2.1.02.2E	LOWER LEVEL PLAN - AREA 2E BHS	X	X	X	X
QB2.1.02.2F	LOWER LEVEL PLAN - AREA 2F BHS	X	X	X	X
QB2.1.02.2G.1	LOWER LEVEL PLAN - AREA 2G - LOWER BHS	X	X	X	X
QB2.1.02.2G.2	LOWER LEVEL PLAN - AREA 2G - UPPER BHS	X	X	X	X
QB2.1.02.2H.1	LOWER LEVEL PLAN - AREA 2H - LOWER BHS			X	X
QB2.1.02.2H.2	LOWER LEVEL PLAN - AREA 2H - UPPER BHS			X	X
QB2.1.02.3E	LOWER LEVEL PLAN - AREA 3E BHS	X	X	X	X
QB2.1.02.3H	LOWER LEVEL PLAN - AREA 3H BHS	X	X	X	X
QB2.2.03	UPPER LEVEL - OVERALL BHS			X	X
QB2.2.03.2D	UPPER LEVEL PLAN - AREA 2D BHS			X	X
QB2.2.03.2E	UPPER LEVEL PLAN - AREA 2E BHS			X	X
QB2.2.03.2F	UPPER LEVEL PLAN - AREA 2F BHS			X	X
QB2.2.03.2G	UPPER LEVEL PLAN - AREA 2G BHS			X	X
QB2.2.03.2H	UPPER LEVEL PLAN - AREA 2H BHS			X	X
QB3.00	SECTIONS			X	X
QB3.01	SECTIONS			X	X
QB3.02	SECTIONS			X	X
QB4.01	ENLARGED PLANS - BAG ROOM			X	X
QB4.02	ENLARGED PLANS			X	X
QB4.03	TUG & CART CIRCULATION			X	X
QB5.1.01.2H	BASEMENT ONE PLAN - AREA 2H - CATWALK				X
QB5.1.01.3E	BASEMENT ONE PLAN - AREA 3E - CATWALK				X
QB5.1.01.3F	BASEMENT ONE PLAN - AREA 3F - CATWALK				X
QB5.1.02.2E	LOWER LEVEL PLAN - AREA 2E - CATWALK				X
QB5.1.02.2F	LOWER LEVEL PLAN - AREA 2F - CATWALK				X
QB5.1.02.2G	LOWER LEVEL PLAN - AREA 2G - UPPER - CATWALK				X
QB5.1.02.2H	LOWER LEVEL PLAN - AREA 2H - UPPER - CATWALK				X
QB5.1.02.3H	LOWER LEVEL PLAN - AREA 3H - CATWALK				X
QB5.2.03.2G	UPPER LEVEL PLAN - AREA 2G - CATWALK				X
QB7.00	CONVEYOR MANIFEST			X	X
QB7.00.01	CONVEYOR MANIFEST			X	X
QB7.00.02	CONVEYOR MANIFEST & POWER SUMMARY			X	X
QB7.03	BHS TYPICAL CONTROL DEVICE LAYOUTS			X	X
QB7.04	BHS TYPICAL CONTROL DEVICE LAYOUT			X	X
QB7.05	BHS CONTROLS STATION CONFIGURATION TYPICALS			X	X
QB7.09	BHS BASEMENT ONE - PDP LAYOUT			X	X
QB7.10	BHS LOWER LEVEL - PDP LAYOUT			X	X
QB7.1.01.2E	BASEMENT ONE PLAN - AREA 2E - E-STOP ZONES				X
QB7.1.01.2F	BASEMENT ONE PLAN - AREA 2F - E-STOP ZONES				X
QB7.1.01.2H.1	BASEMENT ONE PLAN - AREA 2H - E-STOP ZONES				X
QB7.1.01.2H.2	BASEMENT ONE PLAN - AREA 2H UPPER - E-STOP ZONES				X
QB7.1.01.3E	BASEMENT ONE PLAN - AREA 3E - E-STOP ZONES				X
QB7.1.01.3F	BASEMENT ONE PLAN - AREA 3F - E-STOP ZONES				X
QB7.1.02.2D	LOWER LEVEL PLAN - AREA 2D - E-STOP ZONES				X
QB7.1.02.2E	LOWER LEVEL PLAN - AREA 2E - E-STOP ZONES				X
QB7.1.02.2F	LOWER LEVEL PLAN - AREA 2F - E-STOP ZONES				X
QB7.1.02.2G.1	LOWER LEVEL PLAN - AREA 2G - LOWER - E-STOP ZONES				X
QB7.1.02.2G.2	LOWER LEVEL PLAN - AREA 2G - UPPER - E-STOP ZONES				X
QB7.1.02.2H.1	LOWER LEVEL PLAN - AREA 2H - LOWER - E-STOP ZONES				X
QB7.1.02.2H.2	LOWER LEVEL PLAN - AREA 2H - UPPER - E-STOP ZONES				X
QB7.1.02.3H	LOWER LEVEL PLAN - AREA 3H - E-STOP ZONES				X
QB7.2.03.2D	UPPER LEVEL PLAN - AREA 2D - E-STOP ZONES				X
QB7.2.03.2E	UPPER LEVEL PLAN - AREA 2E - E-STOP ZONES				X
QB7.2.03.2G	UPPER LEVEL PLAN - AREA 2G - E-STOP ZONES				X
QB7.2.03.2H	UPPER LEVEL PLAN - AREA 2H - E-STOP ZONES				X
QB8.00	BHS TYPICAL LOADING DETAILS	X	X	X	X
QB8.01	BHS TYPICAL LOADING DETAILS	X	X	X	X
QB8.02	BHS TYPICAL LOADING DETAILS	X	X	X	X
QB8.03	BHS TYPICAL ATTACHMENT AND CONDUIT ROUTING DETAILS	X	X	X	X
QB8.04	BHS TYPICAL ATTACHMENT AND CONDUIT ROUTING DETAILS	X	X	X	X
QB8.05	BHS TYPICAL DOOR DETAILS	X	X	X	X
QB8.06	BHS TYPICAL ACCESS LADDER & STAIR DETAILS	X	X	X	X
QB8.07	BHS TYPICAL ACCESS LADDER & STAIR DETAILS	X	X	X	X
QB8.08	BHS TYPICAL SAFETY SIGNAGE	X	X	X	X
QB8.09	BHS TYPICAL FLAT PLATE CLAIM DEVICE DETAILS	X	X	X	X
QB8.10	BHS TYPICAL MAKE UP AND CLAIM DEVICE DETAILS	X	X	X	X
QB8.11	BHS TYPICAL CBRA	X	X	X	X
QB8.12	BHS TICKET LINE DETAILS	X	X	X	X

FIRE PROTECTION

NUMBER	NAME	PRICING 11/11/2022	30% 11/30/2022	ISSUE FOR BID	60% 03/24/2023
FPD1.1.01	OVERALL FIRE PROTECTION ZONE DEMOLITION PLAN - BASEMENT LEVEL			X	X
FPD1.1.02	OVERALL FIRE PROTECTION ZONE DEMOLITION PLAN - LOWER LEVEL	X	X	X	X
FPD1.1.03	OVERALL FIRE PROTECTION ZONE DEMOLITION PLAN - UPPER LEVEL	X	X	X	X
FPD1.1.04	OVERALL FIRE PROTECTION ZONE DEMOLITION PLAN - MEZZANINE LEVEL	X	X	X	X
FP0.01	FIRE PROTECTION NOTES, GRAPHIC KEYS, ABBREVIATIONS		X	X	X
FP0.02	FIRE PROTECTION NOTES, GRAPHIC KEYS, ABBREVIATIONS		X	X	X
FP1.1.01	OVERALL FIRE PROTECTION ZONE PLAN - BASEMENT LEVEL			X	X
FP1.1.02	OVERALL FIRE PROTECTION ZONE PLAN - LOWER LEVEL	X	X	X	X
FP1.1.03	OVERALL FIRE PROTECTION ZONE PLAN - UPPER LEVEL	X	X	X	X
FP1.1.04	OVERALL FIRE PROTECTION ZONE PLAN - MEZZANINE LEVEL	X	X		X
FP1.1.05	OVERALL FIRE PROTECTION ZONE PLAN - PENTHOUSE				X
FP2.1.01.2D	FIRE PROTECTION PLAN BASEMENT LEVEL - AREA 2D			X	X
FP2.1.01.2E	FIRE PROTECTION PLAN BASEMENT LEVEL - AREA 2E			X	X
FP2.1.01.2F	FIRE PROTECTION PLAN BASEMENT LEVEL - AREA 2F			X	X
FP2.1.01.2G	FIRE PROTECTION PLAN BASEMENT LEVEL - AREA 2G			X	X
FP2.1.01.2H	FIRE PROTECTION PLAN BASEMENT LEVEL - AREA 2H			X	X
FP2.1.01.3H	FIRE PROTECTION PLAN BASEMENT LEVEL - AREA 3H			X	X
FP2.1.02.2D	FIRE PROTECTION PLAN LOWER LEVEL - AREA 2D			X	X
FP2.1.02.2E	FIRE PROTECTION PLAN LOWER LEVEL - AREA 2E			X	X
FP2.1.02.2F	FIRE PROTECTION PLAN LOWER LEVEL - AREA 2F			X	X
FP2.1.02.2G	FIRE PROTECTION PLAN LOWER LEVEL - AREA 2G			X	X
FP2.1.02.2H	FIRE PROTECTION PLAN LOWER LEVEL - AREA 2H			X	X
FP2.1.02.3H	FIRE PROTECTION PLAN LOWER LEVEL - AREA 3H			X	X
FP2.1.03.2D	FIRE PROTECTION PLAN UPPER LEVEL - AREA 2D			X	X
FP2.1.03.2E	FIRE PROTECTION PLAN UPPER LEVEL - AREA 2E			X	X
FP2.1.03.2F	FIRE PROTECTION PLAN UPPER LEVEL - AREA 2F			X	X
FP2.1.03.2G	FIRE PROTECTION PLAN UPPER LEVEL - AREA 2G			X	X
FP2.1.03.2H	FIRE PROTECTION PLAN UPPER LEVEL - AREA 2H			X	X
FP2.1.04.2D	FIRE PROTECTION PLAN MEZZANINE LEVEL - AREA 2D			X	X
FP2.1.04.2E	FIRE PROTECTION PLAN MEZZANINE LEVEL - AREA 2E			X	X
FP2.1.04.2F	FIRE PROTECTION PLAN MEZZANINE LEVEL - AREA 2F			X	X
FP2.1.04.2G	FIRE PROTECTION PLAN MEZZANINE LEVEL - AREA 2G			X	X
FP2.1.04.2H	FIRE PROTECTION PLAN MEZZANINE LEVEL - AREA 2H			X	X
FP4.01	FIRE PROTECTION DIAGRAMS		X	X	X
FP4.02	FIRE PROTECTION DIAGRAMS		X	X	X
FP8.01	FIRE PROTECTION DETAILS			X	X

FIRE ALARM

NUMBER	NAME	PRICING 11/11/2022	30% 11/30/2022	ISSUE FOR BID	60% 03/24/2023
FAD1.1.01	OVERALL FIRE ALARM DEMOLITION PLAN - BASEMENT LEVEL			X	X
FAD1.1.02	OVERALL FIRE ALARM DEMOLITION PLAN - LOWER LEVEL	X	X	X	X
FAD1.1.03	OVERALL FIRE ALARM DEMOLITION PLAN - UPPER LEVEL	X	X	X	X
FAD1.1.04	OVERALL FIRE ALARM DEMOLITION PLAN - MEZZANINE LEVEL	X	X	X	X
FAD1.1.05	OVERALL FIRE ALARM DEMOLITION PLAN - PENTHOUSE			X	X
FA0.01	FIRE ALARM GRAPHIC KEYS AND ABBREVIATIONS	X	X	X	X
FA0.02	FIRE ALARM GENERAL NOTES	X	X	X	X
FA1.1.01	OVERALL FIRE ALARM PLAN - BASEMENT LEVEL			X	X
FA1.1.02	OVERALL FIRE ALARM PLAN - LOWER LEVEL	X	X	X	X
FA1.1.03	OVERALL FIRE ALARM PLAN - UPPER LEVEL	X	X	X	X
FA1.1.04	OVERALL FIRE ALARM PLAN - MEZZANINE LEVEL	X	X	X	X
FA1.1.05	OVERALL FIRE ALARM PLAN - PENTHOUSE			X	X
FA2.1.01.2E	FIRE ALARM PLAN BASEMENT LEVEL - AREA 2E			X	X
FA2.1.01.3F	FIRE ALARM PLAN BASEMENT LEVEL - AREA 3F			X	X
FA2.1.01.3G	FIRE ALARM PLAN BASEMENT LEVEL - AREA 3G			X	X
FA2.1.02.2D	FIRE ALARM PLAN LOWER LEVEL - AREA 2D			X	X
FA2.1.02.2E	FIRE ALARM PLAN LOWER LEVEL - AREA 2E			X	X
FA2.1.02.2F	FIRE ALARM PLAN LOWER LEVEL - AREA 2F			X	X
FA2.1.02.2G	FIRE ALARM PLAN LOWER LEVEL - AREA 2G			X	X
FA2.1.02.2H	FIRE ALARM PLAN LOWER LEVEL - AREA 2H			X	X
FA2.1.02.3G	FIRE ALARM PLAN LOWER LEVEL - AREA 3G			X	X
FA2.1.02.3H	FIRE ALARM PLAN LOWER LEVEL - AREA 3H			X	X
FA2.1.03.2D	FIRE ALARM PLAN UPPER LEVEL - AREA 2D			X	X
FA2.1.03.2E	FIRE ALARM PLAN UPPER LEVEL - AREA 2E			X	X
FA2.1.03.2F	FIRE ALARM PLAN UPPER LEVEL - AREA 2F			X	X
FA2.1.03.2G	FIRE ALARM PLAN UPPER LEVEL - AREA 2G			X	X
FA2.1.03.2H	FIRE ALARM PLAN UPPER LEVEL - AREA 2H			X	X
FA2.1.03.3F	FIRE ALARM PLAN UPPER LEVEL - AREA 3F			X	X
FA2.1.03.3G	FIRE ALARM PLAN UPPER LEVEL - AREA 3G			X	X
FA2.1.03.3H	FIRE ALARM PLAN UPPER LEVEL - AREA 3H			X	X
FA2.1.04.2F	FIRE ALARM PLAN MEZZANINE LEVEL - AREA 2F				X
FA2.1.04.2G	FIRE ALARM PLAN MEZZANINE LEVEL - AREA 2G			X	X
FA2.1.04.2H	FIRE ALARM PLAN MEZZANINE LEVEL - AREA 2H			X	X
FA2.1.04.3E	FIRE ALARM PLAN MEZZANINE LEVEL - AREA 3E				X
FA2.1.04.3H	FIRE ALARM PLAN MEZZANINE LEVEL - AREA 3H				X
FA2.1.05.2E	FIRE ALARM PLAN PENTHOUSE - AREA 2E				X
FA2.1.05.2G	FIRE ALARM PLAN PENTHOUSE - AREA 2G			X	X
FA2.1.05.2H	FIRE ALARM PLAN PENTHOUSE - AREA 2H			X	X
FA2.1.05.3H	FIRE ALARM PLAN PENTHOUSE - AREA 3H				X
FA4.01	FIRE ALARM RISER DIAGRAM	X	X	X	X

PLUMBING

NUMBER	NAME	PRICING 11/11/2022	30% 11/30/2022	ISSUE FOR BID	60% 03/24/2023
PD1.2.01	OVERALL PLUMBING DEMOLITION PLAN - BASEMENT LEVEL	X	X	X	X
PD1.2.02	OVERALL PLUMBING DEMOLITION PLAN - LOWER LEVEL	X	X	X	X
PD1.2.03	OVERALL PLUMBING DEMOLITION PLAN - UPPER LEVEL	X	X	X	X
PD1.2.04	OVERALL PLUMBING DEMOLITION PLAN - MEZZANINE LEVEL	X	X	X	X
P0.01	PLUMBING NOTES, GRAPHIC KEYS, ABBREVIATIONS	X	X	X	X
P1.2.01	OVERALL PLUMBING PLAN - BASEMENT LEVEL	X		X	X
P1.2.02	OVERALL PLUMBING PLAN - LOWER LEVEL	X	X	X	X
P1.2.03	OVERALL PLUMBING PLAN - UPPER LEVEL	X	X	X	X
P1.2.04	OVERALL PLUMBING PLAN - MEZZANINE LEVEL	X	X	X	X
P2.2.01.1G	PLUMBING PLAN BASEMENT LEVEL - AREA 1G			X	X
P2.2.01.1H	PLUMBING PLAN BASEMENT LEVEL - AREA 1H			X	X
P2.2.01.2D	PLUMBING PLAN BASEMENT LEVEL - AREA 2D			X	X
P2.2.01.2E	PLUMBING PLAN BASEMENT LEVEL - AREA 2E			X	X
P2.2.01.2F	PLUMBING PLAN BASEMENT LEVEL - AREA 2F			X	X
P2.2.01.2G	PLUMBING PLAN BASEMENT LEVEL - AREA 2G			X	X
P2.2.01.2H	PLUMBING PLAN BASEMENT LEVEL - AREA 2H			X	X
P2.2.01.3F	PLUMBING PLAN BASEMENT LEVEL - AREA 3F			X	X
P2.2.01.3G	PLUMBING PLAN BASEMENT LEVEL - AREA 3G			X	X
P2.2.01.3H	PLUMBING PLAN BASEMENT LEVEL - AREA 3H			X	X
P2.2.02.2D	PLUMBING PLAN LOWER LEVEL - AREA 2D			X	X
P2.2.02.2E	PLUMBING PLAN LOWER LEVEL - AREA 2E			X	X
P2.2.02.2F	PLUMBING PLAN LOWER LEVEL - AREA 2F			X	X
P2.2.02.2G	PLUMBING PLAN LOWER LEVEL - AREA 2G			X	X
P2.2.02.2H	PLUMBING PLAN LOWER LEVEL - AREA 2H			X	X
P2.2.02.3F	PLUMBING PLAN LOWER LEVEL - AREA 3F			X	X
P2.2.02.3G	PLUMBING PLAN LOWER LEVEL - AREA 3G			X	X
P2.2.02.3H	PLUMBING PLAN LOWER LEVEL - AREA 3H			X	X
P2.2.03.2D	PLUMBING PLAN UPPER LEVEL - AREA 2D			X	X
P2.2.03.2E	PLUMBING PLAN UPPER LEVEL - AREA 2E			X	X
P2.2.03.2F	PLUMBING PLAN UPPER LEVEL - AREA 2F			X	X
P2.2.03.2G	PLUMBING PLAN UPPER LEVEL - AREA 2G			X	X
P2.2.03.2H	PLUMBING PLAN UPPER LEVEL - AREA 2H			X	X
P2.2.03.3F	PLUMBING PLAN UPPER LEVEL - AREA 3F			X	X
P2.2.03.3G	PLUMBING PLAN UPPER LEVEL - AREA 3G			X	X
P2.2.03.3H	PLUMBING PLAN UPPER LEVEL - AREA 3H			X	X
P2.2.04.2D	PLUMBING PLAN MEZZANINE LEVEL - AREA 2D			X	X
P2.2.04.2E	PLUMBING PLAN MEZZANINE LEVEL - AREA 2E			X	X
P2.2.04.2F	PLUMBING PLAN MEZZANINE LEVEL - AREA 2F			X	X
P2.2.04.2G	PLUMBING PLAN MEZZANINE LEVEL - AREA 2G			X	X
P2.2.04.2H	PLUMBING PLAN MEZZANINE LEVEL - AREA 2H			X	X
P2.2.04.3F	PLUMBING PLAN MEZZANINE LEVEL - AREA 3F			X	X
P2.2.04.3G	PLUMBING PLAN MEZZANINE LEVEL - AREA 3G			X	X
P2.2.04.3H	PLUMBING PLAN MEZZANINE LEVEL - AREA 3H			X	X
P6.01	PLUMBING SCHEDULES	X		X	X

MECHANICAL

NUMBER	NAME	PRICING 11/11/2022	30% 11/30/2022	ISSUE FOR BID	60% 03/24/2023
MD1.1.01	OVERALL MECHANICAL HVAC DEMOLITION PLAN - BASEMENT LEVEL	X	X	X	X
MD1.1.02	OVERALL MECHANICAL HVAC DEMOLITION PLAN - LOWER LEVEL	X	X	X	X
MD1.1.03	OVERALL MECHANICAL HVAC DEMOLITION PLAN - UPPER LEVEL	X	X	X	X
MD1.1.04	OVERALL MECHANICAL HVAC DEMOLITION PLAN - MEZZANINE LEVEL	X	X	X	X
MD1.1.05	OVERALL MECHANICAL HVAC DEMOLITION PLAN - PENTHOUSE	X	X	X	X
MD1.2.01	OVERALL MECHANICAL PIPING DEMOLITION PLAN - BASEMENT LEVEL	X	X	X	X
MD1.2.02	OVERALL MECHANICAL PIPING DEMOLITION PLAN - LOWER LEVEL	X	X	X	X
MD1.2.03	OVERALL MECHANICAL PIPING DEMOLITION PLAN - UPPER LEVEL	X	X	X	X
MD1.2.04	OVERALL MECHANICAL PIPING DEMOLITION PLAN - MEZZANINE LEVEL	X	X	X	X
MD1.2.05	OVERALL MECHANICAL PIPING DEMOLITION PLAN - PENTHOUSE	X	X	X	X
M0.01	MECHANICAL NOTES, GRAPHIC KEYS, ABBREVIATIONS	X	X	X	X
M0.02	MECHANICAL NOTES, GRAPHIC KEYS, ABBREVIATIONS	X	X	X	X
M0.03	MECHANICAL NOTES, GRAPHIC KEYS, ABBREVIATIONS	X	X	X	X
M1.1.01	OVERALL MECHANICAL HVAC PLAN - BASEMENT LEVEL	X	X	X	X
M1.1.02	OVERALL MECHANICAL HVAC PLAN - LOWER LEVEL	X	X	X	X
M1.1.03	OVERALL MECHANICAL HVAC PLAN - UPPER LEVEL	X	X	X	X
M1.1.04	OVERALL MECHANICAL HVAC PLAN - MEZZANINE LEVEL	X	X	X	X
M1.1.05	OVERALL MECHANICAL HVAC PLAN - PENTHOUSE	X	X	X	X
M1.2.01	OVERALL MECHANICAL PIPING PLAN - BASEMENT LEVEL	X	X	X	X
M1.2.02	OVERALL MECHANICAL PIPING PLAN - LOWER LEVEL	X	X	X	X
M1.2.03	OVERALL MECHANICAL PIPING PLAN - UPPER LEVEL	X	X	X	X
M1.2.04	OVERALL MECHANICAL PIPING PLAN - MEZZANINE LEVEL	X	X	X	X
M1.2.05	OVERALL MECHANICAL PIPING PLAN - PENTHOUSE	X	X	X	X
M2.1.01.2D	MECHANICAL HVAC PLAN BASEMENT LEVEL - AREA 2D			X	X
M2.1.01.2E	MECHANICAL HVAC PLAN BASEMENT LEVEL - AREA 2E			X	X
M2.1.01.2F	MECHANICAL HVAC PLAN BASEMENT LEVEL - AREA 2F			X	X
M2.1.01.2G	MECHANICAL HVAC PLAN BASEMENT LEVEL - AREA 2G			X	X
M2.1.01.2H	MECHANICAL HVAC PLAN BASEMENT LEVEL - AREA 2H			X	X
M2.1.02.2D	MECHANICAL HVAC PLAN LOWER LEVEL - AREA 2D			X	X
M2.1.02.2E	MECHANICAL HVAC PLAN LOWER LEVEL - AREA 2E			X	X
M2.1.02.2F	MECHANICAL HVAC PLAN LOWER LEVEL - AREA 2F			X	X
M2.1.02.2G	MECHANICAL HVAC PLAN LOWER LEVEL - AREA 2G			X	X
M2.1.02.2H	MECHANICAL HVAC PLAN LOWER LEVEL - AREA 2H			X	X
M2.1.02.3F	MECHANICAL HVAC PLAN LOWER LEVEL - AREA 3F			X	X
M2.1.02.3G	MECHANICAL HVAC PLAN LOWER LEVEL - AREA 3G			X	X
M2.1.02.3H	MECHANICAL HVAC PLAN LOWER LEVEL - AREA 3H			X	X
M2.1.03.2D	MECHANICAL HVAC PLAN UPPER LEVEL - AREA 2D			X	X
M2.1.03.2E	MECHANICAL HVAC PLAN UPPER LEVEL - AREA 2E			X	X
M2.1.03.2F	MECHANICAL HVAC PLAN UPPER LEVEL - AREA 2F			X	X
M2.1.03.2G	MECHANICAL HVAC PLAN UPPER LEVEL - AREA 2G			X	X
M2.1.03.2H	MECHANICAL HVAC PLAN UPPER LEVEL - AREA 2H			X	X
M2.1.03.3F	MECHANICAL HVAC PLAN UPPER LEVEL - AREA 3F			X	X
M2.1.03.3G	MECHANICAL HVAC PLAN UPPER LEVEL - AREA 3G			X	X
M2.1.03.3H	MECHANICAL HVAC PLAN UPPER LEVEL - AREA 3H			X	X
M2.1.04.2D	MECHANICAL HVAC PLAN MEZZANINE LEVEL - AREA 2D			X	X
M2.1.04.2E	MECHANICAL HVAC PLAN MEZZANINE LEVEL - AREA 2E			X	X
M2.1.04.2F	MECHANICAL HVAC PLAN MEZZANINE LEVEL - AREA 2F			X	X
M2.1.04.2G	MECHANICAL HVAC PLAN MEZZANINE LEVEL - AREA 2G			X	X
M2.1.04.2H	MECHANICAL HVAC PLAN MEZZANINE LEVEL - AREA 2H			X	X
M2.1.04.3F	MECHANICAL HVAC PLAN MEZZANINE LEVEL - AREA 3F			X	X
M2.1.04.3G	MECHANICAL HVAC PLAN MEZZANINE LEVEL - AREA 3G			X	X
M2.1.04.3H	MECHANICAL HVAC PLAN MEZZANINE LEVEL - AREA 3H			X	X
M2.1.05.2D	MECHANICAL HVAC PLAN PENTHOUSE - AREA 2D			X	X
M2.1.05.2E	MECHANICAL HVAC PLAN PENTHOUSE - AREA 2E			X	X
M2.1.05.2F	MECHANICAL HVAC PLAN PENTHOUSE - AREA 2F			X	X
M2.1.05.2G	MECHANICAL HVAC PLAN PENTHOUSE - AREA 2G			X	X
M2.1.05.2H	MECHANICAL HVAC PLAN PENTHOUSE - AREA 2H			X	X
M2.1.05.3H	MECHANICAL HVAC PLAN PENTHOUSE - AREA 3H			X	X
M2.2.01.2G	MECHANICAL PIPING PLAN BASEMENT LEVEL - AREA 2G			X	X
M2.2.01.2H	MECHANICAL PIPING PLAN BASEMENT LEVEL - AREA 2H			X	X
M2.2.02.2D	MECHANICAL PIPING PLAN LOWER LEVEL - AREA 2D			X	X
M2.2.02.2E	MECHANICAL PIPING PLAN LOWER LEVEL - AREA 2E			X	X
M2.2.02.2F	MECHANICAL PIPING PLAN LOWER LEVEL - AREA 2F			X	X
M2.2.02.2G	MECHANICAL PIPING PLAN LOWER LEVEL - AREA 2G			X	X
M2.2.02.2H	MECHANICAL PIPING PLAN LOWER LEVEL - AREA 2H			X	X
M2.2.02.3F	MECHANICAL PIPING PLAN LOWER LEVEL - AREA 3F			X	X
M2.2.02.3G	MECHANICAL PIPING PLAN LOWER LEVEL - AREA 3G			X	X
M2.2.02.3H	MECHANICAL PIPING PLAN LOWER LEVEL - AREA 3H			X	X
M2.2.03.2F	MECHANICAL PIPING PLAN UPPER LEVEL - AREA 2F			X	X
M2.2.03.2G	MECHANICAL PIPING PLAN UPPER LEVEL - AREA 2G			X	X
M2.2.03.2H	MECHANICAL PIPING PLAN UPPER LEVEL - AREA 2H			X	X
M2.2.03.3F	MECHANICAL PIPING PLAN UPPER LEVEL - AREA 3F			X	X
M2.2.03.3G	MECHANICAL PIPING PLAN UPPER LEVEL - AREA 3G			X	X
M2.2.03.3H	MECHANICAL PIPING PLAN UPPER LEVEL - AREA 3H			X	X
M2.2.04.2E	MECHANICAL PIPING PLAN MEZZANINE LEVEL - AREA 2E			X	X
M2.2.04.2F	MECHANICAL PIPING PLAN MEZZANINE LEVEL - AREA 2F			X	X
M2.2.04.2G	MECHANICAL PIPING PLAN MEZZANINE LEVEL - AREA 2G			X	X
M2.2.04.2H	MECHANICAL PIPING PLAN MEZZANINE LEVEL - AREA 2H			X	X
M2.2.05.2D	MECHANICAL PIPING PLAN PENTHOUSE - AREA 2D			X	X
M2.2.05.2F	MECHANICAL PIPING PLAN PENTHOUSE - AREA 2F				X
M2.2.05.2G	MECHANICAL PIPING PLAN PENTHOUSE - AREA 2G			X	X
M2.2.05.2H	MECHANICAL PIPING PLAN PENTHOUSE - AREA 2H			X	X
M2.2.05.3H	MECHANICAL PIPING PLAN PENTHOUSE - AREA 3H			X	X
M4.1.01	MECHANICAL PIPING EAST MECHANICAL ROOM LTHW RISER DIAGRAM			X	X
M4.1.02	MECHANICAL PIPING EAST MECHANICAL ROOM CHW RISER			X	X
M4.1.03	MECHANICAL PIPING BUILDING 8A & 8B LTHW RISER			X	X
M4.1.04	MECHANICAL PIPING BUILDING 8A & 8B CHW RISER			X	X
M4.1.05	MECHANICAL PIPING CONCOURSE L RISERS			X	X
M4.3.01	RADIANT SYSTEM RISER DIAGRAM			X	X
M5.1.01	MECHANICAL M&V SYSTEM	X	X	X	X
M5.1.02	MECHANICAL M&V SYSTEM	X	X	X	X
M5.1.03	MECHANICAL M&V SYSTEM	X	X	X	X
M5.1.04	MECHANICAL M&V SYSTEM	X	X	X	X
M5.1.05	MECHANICAL M&V SYSTEM	X	X	X	X
M5.1.06	MECHANICAL M&V SYSTEM	X	X	X	X
M6.1.01	MECHANICAL SCHEDULES	X	X	X	X
M6.1.02	MECHANICAL SCHEDULES			X	X
M6.2.01	MECHANICAL PIPING SCHEDULES			X	X
M8.1.01	MECHANICAL TYPICAL DETAILS	X		X	X
M8.1.02	MECHANICAL TYPICAL DETAILS	X		X	X
M8.1.03	MECHANICAL TYPICAL DETAILS	X		X	X
M8.2.01	MECHANICAL PIPING DETAILS			X	X

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT

StudiORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE: **C.O.C.A.002.01**

SHEET INDEX

DRAWN BY: **JA** CHECKED BY: **LA**
SHEET NUMBER: **G1.11** VOLUME: **1**

3/24/2023 1:36:44 PM

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VOLUME 3

ELECTRICAL

NUMBER	NAME	PRICING 11/11/2022	30% 11/30/2022	ISSUE FOR BID	60% 03/24/2023
ED1.1.01	OVERALL ELECTRICAL DEMOLITION PLAN - BASEMENT LEVEL	X	X	X	X
ED1.1.02	OVERALL ELECTRICAL DEMOLITION PLAN - LOWER LEVEL	X	X	X	X
ED1.1.03	OVERALL ELECTRICAL DEMOLITION PLAN - UPPER LEVEL	X	X	X	X
ED1.1.04	OVERALL ELECTRICAL DEMOLITION PLAN - MEZZANINE LEVEL	X	X	X	X
ED1.1.05	OVERALL ELECTRICAL DEMOLITION PLAN - PENTHOUSE	X	X	X	X
ED4.2.01	SLD NC-5612 CITY SWGR CS-8KK AND TENANT SWGR TS-8KK	X	X	X	X
ED4.2.02	SLD NC-5612 PDP30022 (C-LDP-8KK-T) AND EMDP-8KK-T	X	X	X	X
ED4.2.03	SLD NC-5612 PDP30023, PDP20024, AND PDP32005	X	X	X	X
ED4.2.04	SLD NC-5612 MCC36503 (CITY-MCC-8CC-P)	X	X	X	X
ED4.2.05	SLD NC-5612 MCC36504 (CITY-MCC-8HH-P)	X	X	X	X
ED4.2.06	SLD NC-5612 PDP32011 PANEL C-LP-8BB-B AND UNLABELED (DP8KK8)	X	X	X	X
ED4.2.07	SLD NC-5612 DELTA-PDP-8KK-T	X	X	X	X
ED4.2.08	SLD NC-5612 UNLABELED "L ADMIRAL CLUB" AND T-LDP-8KK-T	X	X	X	X
ED4.2.09	SLD NC-5612 PDP32012, TDP-8AA-B1	X	X	X	X
ED4.2.10	SLD NC-5611 TENANT SWGR TS-19-LLL AND D-MDP-19T	X	X	X	X
ED4.2.11	SLD NC-5604 CITY SWGR 8B AND CONCESSION / TENANT SWGR 8B	X	X	X	X
ED4.2.12	SLD NC-5604 PNL-DP-8XB1 (CITY' 8L5) AND CITY DP-8XP1	X	X	X	X
ED4.2.13	SLD NC-5604 MCC-8A	X	X	X	X
ED4.2.14	SLD NC-5604 MCC-8B	X	X	X	X
ED4.2.15	SLD NC-5604 CITY 8F6 DP-8SB	X	X	X	X
ED4.2.16	SLD NC-5604 CITY DP-8ZB1	X	X	X	X
ED4.2.17	SLD NC-5604 DP-8MP (CITY 8F8) AND 8F9 FEEDERS	X	X	X	X
ED4.2.18	SLD NC-5604 DP-8LB1 (CITY 8F2)	X	X	X	X
ED4.2.19	SLD NC-5604 EMDP-8XB	X	X	X	X
ED4.2.20	SLD NC-5604 DP 8SB AND TENANT 8SB	X	X	X	X
ED4.2.21	SLD NC-5604 PANEL MC 8GU	X	X	X	X
ED4.2.22	SLD NC-5604 PDP32005	X	X	X	X
ED4.2.23	SLD NC-5604 PDP32003	X	X	X	X
ED4.2.24	SLD NC-5604 PANEL AAL-9D-5/8U			X	X
E0.01	ELECTRICAL GRAPHIC KEYS	X	X	X	X
E0.02	ELECTRICAL ABBREVIATIONS	X	X	X	X
E1.0.01	OVERALL ELECTRICAL ZONING PLAN - BASEMENT LEVEL	X	X	X	X
E1.0.02	OVERALL ELECTRICAL ZONING PLAN - LOWER LEVEL	X	X	X	X
E1.0.03	OVERALL ELECTRICAL ZONING PLAN - UPPER LEVEL	X	X	X	X
E1.0.04	OVERALL ELECTRICAL ZONING PLAN - MEZZANINE LEVEL	X	X	X	X
E1.0.05	OVERALL ELECTRICAL ZONING PLAN - PENTHOUSE	X	X	X	X
E2.1.01.1G	ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 1G		X	X	X
E2.1.01.1H	ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 1H		X	X	X
E2.1.01.2D	ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 2D		X	X	X
E2.1.01.2E	ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 2E		X	X	X
E2.1.01.2F	ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 2F		X	X	X
E2.1.01.2G	ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 2G		X	X	X
E2.1.01.2H	ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 2H		X	X	X
E2.1.01.3G	ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 3G		X	X	X
E2.1.01.3H	ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 3H		X	X	X
E2.1.02.2D	ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 2D		X	X	X
E2.1.02.2E	ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 2E		X	X	X
E2.1.02.2F	ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 2F		X	X	X
E2.1.02.2G	ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 2G		X	X	X
E2.1.02.2H	ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 2H		X	X	X
E2.1.02.3F	ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 3F		X	X	X
E2.1.02.3G	ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 3G		X	X	X
E2.1.02.3H	ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 3H		X	X	X
E2.1.03.2D	ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 2D		X	X	X
E2.1.03.2E	ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 2E		X	X	X
E2.1.03.2F	ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 2F		X	X	X
E2.1.03.2G	ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 2G		X	X	X
E2.1.03.2H	ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 2H		X	X	X
E2.1.03.3F	ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 3F		X	X	X
E2.1.03.3G	ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 3G		X	X	X
E2.1.03.3H	ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 3H		X	X	X
E2.1.04.2D	ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 2D		X	X	X
E2.1.04.2E	ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 2E		X	X	X
E2.1.04.2F	ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 2F		X	X	X
E2.1.04.2G	ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 2G		X	X	X
E2.1.04.2H	ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 2H		X	X	X
E2.1.04.3F	ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 3F		X		X
E2.1.04.3G	ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 3G		X		X
E2.1.04.3H	ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 3H		X		X
E2.2.01.2E	ELECTRICAL POWER PLAN BASEMENT LEVEL - AREA 2E		X	X	X
E2.2.01.2G	ELECTRICAL POWER PLAN BASEMENT LEVEL - AREA 2G		X	X	X
E2.2.01.2H	ELECTRICAL POWER PLAN BASEMENT LEVEL - AREA 2H		X	X	X
E2.2.01.3F	ELECTRICAL POWER PLAN BASEMENT LEVEL - AREA 3F		X	X	X
E2.2.01.3H	ELECTRICAL POWER PLAN BASEMENT LEVEL - AREA 3H		X	X	X
E2.2.02.2D	ELECTRICAL POWER PLAN LOWER LEVEL - AREA 2D		X	X	X
E2.2.02.2E	ELECTRICAL POWER PLAN LOWER LEVEL - AREA 2E		X	X	X
E2.2.02.2F	ELECTRICAL POWER PLAN LOWER LEVEL - AREA 2F		X	X	X
E2.2.02.2G	ELECTRICAL POWER PLAN LOWER LEVEL - AREA 2G		X	X	X
E2.2.02.2H	ELECTRICAL POWER PLAN LOWER LEVEL - AREA 2H		X	X	X
E2.2.02.3G	ELECTRICAL POWER PLAN LOWER LEVEL - AREA 3G		X	X	X
E2.2.02.3H	ELECTRICAL POWER PLAN LOWER LEVEL - AREA 3H		X	X	X
E2.2.03.2D	ELECTRICAL POWER PLAN UPPER LEVEL - AREA 2D		X	X	X
E2.2.03.2E	ELECTRICAL POWER PLAN UPPER LEVEL - AREA 2E		X	X	X
E2.2.03.2F	ELECTRICAL POWER PLAN UPPER LEVEL - AREA 2F		X	X	X
E2.2.03.2G	ELECTRICAL POWER PLAN UPPER LEVEL - AREA 2G		X	X	X
E2.2.03.2H	ELECTRICAL POWER PLAN UPPER LEVEL - AREA 2H		X	X	X
E2.2.03.3F	ELECTRICAL POWER PLAN UPPER LEVEL - AREA 3F		X	X	X
E2.2.03.3G	ELECTRICAL POWER PLAN UPPER LEVEL - AREA 3G		X	X	X
E2.2.03.3H	ELECTRICAL POWER PLAN UPPER LEVEL - AREA 3H		X	X	X
E2.2.04.2F	ELECTRICAL POWER PLAN MEZZANINE LEVEL - AREA 2F		X	X	X
E2.2.04.2G	ELECTRICAL POWER PLAN MEZZANINE LEVEL - AREA 2G		X	X	X
E2.2.04.2H	ELECTRICAL POWER PLAN MEZZANINE LEVEL - AREA 2H		X	X	X
E2.2.04.3E	ELECTRICAL POWER PLAN MEZZANINE LEVEL - AREA 3E		X	X	X
E2.2.04.3H	ELECTRICAL POWER PLAN MEZZANINE LEVEL - AREA 3H			X	X
E2.2.05.2D	ELECTRICAL POWER PLAN PENTHOUSE - AREA 2D		X	X	X
E2.2.05.2E	ELECTRICAL POWER PLAN PENTHOUSE - AREA 2E		X	X	X
E2.2.05.2F	ELECTRICAL POWER PLAN PENTHOUSE - AREA 2F		X	X	X
E2.2.05.2G	ELECTRICAL POWER PLAN PENTHOUSE - AREA 2G		X	X	X
E2.2.05.2H	ELECTRICAL POWER PLAN PENTHOUSE - AREA 2H		X	X	X
E2.2.05.3H	ELECTRICAL POWER PLAN PENTHOUSE - AREA 3H		X	X	X
E3.2.01	ELECTRICAL ROOM ENLARGED PLANS (1 OF 2)	X	X	X	X
E3.2.02	ELECTRICAL ROOM ENLARGED PLANS (2 OF 2)	X	X	X	X
E3.2.03	NETWORK CENTER ENLARGED PLANS (1 OF 2)		X	X	X
E3.2.04	NETWORK CENTER ENLARGED PLANS (2 OF 2)		X	X	X
E3.2.05	VERTICAL ELEVATOR CIRCULATION				X
E4.2.01	SLD NC-5612 CITY SWGR CS-8KK AND TENANT SWGR TS-8KK	X	X	X	X
E4.2.02	SLD NC-5612 PDP30022 (C-LDP-8KK-T) AND EMDP-8KK-T	X	X	X	X
E4.2.03	SLD NC-5612 PDP30023, PDP30024, AND PDP2005	X	X	X	X
E4.2.04	SLD NC-5612 MCC36503 (CITY-MCC-8CC-P)	X	X	X	X
E4.2.05	SLD NC-5612 MCC36504 (CITY-MCC-8HH-P)	X	X	X	X
E4.2.06	SLD NC-5612 PDP32011 PANEL (C-LP-8BB-B) AND UNLABELED (DP8KK8)	X	X	X	X
E4.2.07	SLD NC-5612 DELTA-PDP-8KK-T	X	X	X	X
E4.2.08	SLD NC-5612 UNLABELED "L ADMIRAL CLUB" AND T-LDP-8KK-T	X	X	X	X
E4.2.09	SLD NC-5612 PDP32012	X	X	X	X
E4.2.10	SLD NC-5611 TENANT SWGR TS-19-LLL AND D-MDP-19T	X	X	X	X
E4.2.11	SLD NC-5604 CITY SWGR 8B AND CONCESSION / TENANT SWGR 8B	X	X	X	X
E4.2.12	SLD NC-5604 PNL-DP-8XB1 (CITY' 8L5) AND CITY DP-8XP1	X	X	X	X
E4.2.13	SLD NC-5604 MCC-8A	X	X	X	X
E4.2.14	SLD NC-5604 MCC-8B	X	X	X	X
E4.2.15	SLD NC-5604 CITY 8F6 DP-8SB	X	X	X	X
E4.2.16	SLD NC-5604 CITY DP-8ZB1	X	X	X	X
E4.2.17	SLD NC-5604 DP-8MP (CITY 8F8) AND CITY 8F9 FEEDERS	X	X	X	X

ELECTRICAL

NUMBER	NAME	PRICING 11/11/2022	30% 11/30/2022	ISSUE FOR BID	60% 03/24/2023
E4.2.18	SLD NC-5604 DP-8LB1 (CITY 8F2)	X	X	X	X
E4.2.19	SLD NC-5604 EMDP-8XB	X	X	X	X
E4.2.20	SLD NC-5604 DP 8SB AND TENANT 8SB	X	X	X	X
E4.2.21	SLD NC-5604 PANEL MC 8GU	X	X	X	X
E4.2.22	SLD NC-5604 PDP32005	X	X	X	X
E4.2.23	SLD NC-5604 PDP32003	X	X	X	X
E4.2.24	SLD NC-5604 PANEL AAL-9D-5/8U			X	X
E6.1.01	ELECTRICAL SCHEDULES (1 of 2)	X	X	X	X
E6.1.02	ELECTRICAL SCHEDULES (2 of 2)	X	X	X	X
E8.2.01	MCC DETAILS	X	X	X	X
E8.2.02	ELECTRICAL DETAILS (1 OF 2)	X	X	X	X
E8.2.03	ELECTRICAL DETAILS (2 OF 2)	X	X	X	X

LIGHTING

EL0.01	LIGHTING GENERAL NOTES			X	X
EL0.02	LIGHTING CONTROLS			X	X
EL0.03	LIGHTING SCHEDULES			X	X
EL1.2.01	OVERALL LIGHTING ZONING PLAN - BASEMENT LEVEL			X	X
EL1.2.02	OVERALL LIGHTING ZONING PLAN - LOWER LEVEL			X	X
EL1.2.03	OVERALL LIGHTING ZONING PLAN - UPPER LEVEL			X	X
EL1.2.04	OVERALL LIGHTING ZONING PLAN - MEZZANINE LEVEL			X	X
EL2.2.01.1G	LIGHTING PLAN BASEMENT LEVEL - AREA 1G			X	X
EL2.2.01.1H	LIGHTING PLAN BASEMENT LEVEL - AREA 1H			X	X
EL2.2.01.2D	LIGHTING PLAN BASEMENT LEVEL - AREA 2D			X	X
EL2.2.01.2E	LIGHTING PLAN BASEMENT LEVEL - AREA 2E			X	X
EL2.2.01.2F	LIGHTING PLAN BASEMENT LEVEL - AREA 2F			X	X
EL2.2.01.2G	LIGHTING PLAN BASEMENT LEVEL - AREA 2G			X	X
EL2.2.01.2H	LIGHTING PLAN BASEMENT LEVEL - AREA 2H			X	X
EL2.2.01.3F	LIGHTING PLAN BASEMENT LEVEL - AREA 3F			X	X
EL2.2.01.3G	LIGHTING PLAN BASEMENT LEVEL - AREA 3G			X	X
EL2.2.01.3H	LIGHTING PLAN BASEMENT LEVEL - AREA 3H			X	X
EL2.2.02.2D	LIGHTING PLAN LOWER LEVEL - AREA 2D			X	X
EL2.2.02.2E	LIGHTING PLAN LOWER LEVEL - AREA 2E			X	X
EL2.2.02.2F	LIGHTING PLAN LOWER LEVEL - AREA 2F			X	X
EL2.2.02.2G	LIGHTING PLAN LOWER LEVEL - AREA 2G			X	X
EL2.2.02.2H	LIGHTING PLAN LOWER LEVEL - AREA 2H			X	X
EL2.2.02.3F	LIGHTING PLAN LOWER LEVEL - AREA 3F			X	X
EL2.2.02.3G	LIGHTING PLAN LOWER LEVEL - AREA 3G			X	X
EL2.2.02.3H	LIGHTING PLAN LOWER LEVEL - AREA 3H			X	X
EL2.2.03.2D	LIGHTING PLAN UPPER LEVEL - AREA 2D			X	X
EL2.2.03.2E	LIGHTING PLAN UPPER LEVEL - AREA 2E			X	X
EL2.2.03.2F	LIGHTING PLAN UPPER LEVEL - AREA 2F			X	X
EL2.2.03.2G	LIGHTING PLAN UPPER LEVEL - AREA 2G			X	X
EL2.2.03.2H	LIGHTING PLAN UPPER LEVEL - AREA 2H			X	X
EL2.2.03.3F	LIGHTING PLAN UPPER LEVEL - AREA 3F			X	X
EL2.2.03.3G	LIGHTING PLAN UPPER LEVEL - AREA 3G			X	X
EL2.2.03.3H	LIGHTING PLAN UPPER LEVEL - AREA 3H			X	X
EL2.2.04.2D	LIGHTING PLAN MEZZANINE LEVEL - AREA 2D			X	X
EL2.2.04.2E	LIGHTING PLAN MEZZANINE LEVEL - AREA 2E			X	X
EL2.2.04.2F	LIGHTING PLAN MEZZANINE LEVEL - AREA 2F			X	X
EL2.2.04.2G	LIGHTING PLAN MEZZANINE LEVEL - AREA 2G			X	X
EL2.2.04.2H	LIGHTING PLAN MEZZANINE LEVEL - AREA 2H			X	X
EL2.2.04.3F	LIGHTING PLAN MEZZANINE LEVEL - AREA 3F			X	X
EL2.2.04.3G	LIGHTING PLAN MEZZANINE LEVEL - AREA 3G			X	X
EL2.2.04.3H	LIGHTING PLAN MEZZANINE LEVEL - AREA 3H			X	X

IT & COMMUNICATIONS

NUMBER	NAME	PRICING 11/11/2022	30% 11/30/2022	ISSUE FOR BID	60% 03/24/2023
T0.01	TELECOM ABBREVIATIONS & SYMBOLS	X	X	X	X
T0.02	TELECOM NOTES	X	X	X	X
TD1.2.01	OVERALL TELECOM DEMO PLAN - BASEMENT ONE	X	X	X	X
TD1.2.02	OVERALL TELECOM DEMO PLAN - LOWER LEVEL	X	X	X	X
TD1.2.03	OVERALL TELECOM DEMO PLAN - UPPER LEVEL	X	X	X	X
TD1.2.04	OVERALL TELECOM DEMO PLAN - MEZZANINE LEVEL	X	X	X	X
T1.2.01	OVERALL SCN ZONING PLAN - BASEMENT ONE	X	X	X	X
T1.2.02	OVERALL SCN ZONING PLAN - LOWER LEVEL	X	X	X	X
T1.2.03	OVERALL SCN ZONING PLAN - UPPER LEVEL	X	X	X	X
T1.2.04	OVERALL SCN ZONING PLAN - MEZZANINE	X	X	X	X
T1.3.02	OVERALL PAS ZONING PLAN - LOWER LEVEL				X
T1.3.03	OVERALL PAS ZONING PLAN - UPPER LEVEL				X
T1.3.04	OVERALL PAS ZONING PLAN - MEZZANINE				X
T2.1.01.2H	ENLARGED TELECOM PLAN - BASEMENT ONE - AREA 2H		X	X	X
T2.1.02.2D	ENLARGED TELECOM PLAN - LOWER LEVEL - AREA 2D		X	X	X
T2.1.02.2E	ENLARGED TELECOM PLAN - LOWER LEVEL - AREA 2E		X	X	X
T2.1.02.2F	ENLARGED TELECOM PLAN - LOWER LEVEL - AREA 2F		X	X	X
T2.1.02.2G	ENLARGED TELECOM PLAN - LOWER LEVEL - AREA 2G		X	X	X
T2.1.02.2H	ENLARGED TELECOM PLAN - LOWER LEVEL - AREA 2H		X	X	X
T2.1.02.3H	ENLARGED TELECOM PLAN - LOWER LEVEL - AREA 3H		X	X	X
T2.1.03.2D	ENLARGED TELECOM PLAN - UPPER LEVEL - AREA 2D		X	X	X
T2.1.03.2E	ENLARGED TELECOM PLAN - UPPER LEVEL - AREA 2E		X	X	X
T2.1.03.2F	ENLARGED TELECOM PLAN - UPPER LEVEL - AREA 2F		X	X	X
T2.1.03.2G	ENLARGED TELECOM PLAN - UPPER LEVEL - AREA 2G		X	X	X
T2.1.03.2H	ENLARGED TELECOM PLAN - UPPER LEVEL - AREA 2H		X	X	X
T2.1.03.3G	ENLARGED TELECOM PLAN - UPPER LEVEL - AREA 3G		X	X	X
T2.2.02.2D	ENLARGED TELECOM REFLECTED CEILING PLAN - LOWER LEVEL - AREA 2D	X	X	X	X
T2.2.02.2E	ENLARGED TELECOM REFLECTED CEILING PLAN - LOWER LEVEL - AREA 2E	X	X	X	X
T2.2.02.2F	ENLARGED TELECOM REFLECTED CEILING PLAN - LOWER LEVEL - AREA 2F	X	X	X	X
T2.2.02.2G	ENLARGED TELECOM REFLECTED CEILING PLAN - LOWER LEVEL - AREA 2G	X	X	X	X
T2.2.02.2H	ENLARGED TELECOM REFLECTED CEILING PLAN - LOWER LEVEL - AREA 2H	X	X	X	X
T2.2.03.2D	ENLARGED TELECOM REFLECTED CEILING PLAN - UPPER LEVEL - AREA 2D	X	X	X	X
T2.2.03.2E	ENLARGED TELECOM REFLECTED CEILING PLAN - UPPER LEVEL - AREA 2E	X	X	X	X
T2.2.03.2F	ENLARGED TELECOM REFLECTED CEILING PLAN - UPPER LEVEL - AREA 2F	X	X	X	X
T2.2.03.2G	ENLARGED TELECOM REFLECTED CEILING PLAN - UPPER LEVEL - AREA 2G	X	X	X	X
T2.2.03.2H	ENLARGED TELECOM REFLECTED CEILING PLAN - UPPER LEVEL - AREA 2H	X	X	X	X
T2.2.03.3G	ENLARGED TELECOM REFLECTED CEILING PLAN - UPPER LEVEL - AREA 3G	X	X	X	X
T2.2.03.3H	ENLARGED TELECOM REFLECTED CEILING PLAN - UPPER LEVEL - AREA 3H	X	X	X	X
T2.2.04.2G	ENLARGED TELECOM REFLECTED CEILING PLAN - MEZZANINE - AREA 2G	X	X	X	X
T2.2.04.2H	ENLARGED TELECOM REFLECTED CEILING PLAN - MEZZANINE - AREA 2H	X	X	X	X
T4.1.01	SCHEMATIC DIAGRAM - LAN / WDN / VOIP / MCS	X	X	X	X
T4.1.02	SCHEMATIC DIAGRAM - PAS	X	X	X	X
T4.1.03	SCHEMATIC DIAGRAM - EVIDS	X	X	X	X
T4.1.04	SCHEMATIC DIAGRAM - INTERCOM SYSTEM	X	X	X	X
T4.1.05	SCHEMATIC DIAGRAM - ECS	X	X	X	X
T4.1.06	SCHEMATIC DIAGRAM - PMR	X	X	X	X
T4.1.07	SCHEMATIC DIAGRAM - DAS	X	X	X	X
T7.1.01	TELECOM FACEPLATE AND DEVICE BOX DETAILS				X
T7.1.02	TELECOM FACEPLATE AND DEVICE BOX DETAILS				X
T7.1.03	TELECOM FACEPLATE AND DEVICE BOX DETAILS				X
T7.1.04	PAS SPEAKER AND AMBIENT NOISE SENSOR MOUNTING DETAILS				X
T7.1.05	TELECOM WIRELESS ACCESS POINT MOUNTING DETAILS				X
T7.1.06	TELECOM STRUCTURED CABLING SYSTEM DETAILS				X
T7.1.07	EVIDS DISPLAY DETAILS				X
T7.1.08	COMM PAS, FIDS/GIDS, AND OUTLET DETAILS				X
T8.1.01	TELECOM SCHEDULES				X

VOLUME 4 - UNDER SEPERATE COVER

SECURITY

NUMBER	NAME	PRICING 11/11/2022	30% 11/30/2022	ISSUE FOR BID	60% 03/24/2023
Y0.01	SECURITY NOTES, ABBREVIATIONS, & SYMBOLS	X	X	X	X
Y0.03	SECURITY GUIDELINES - VSS	X	X	X	X
YD1.2.01	OVERALL SECURITY DEMO PLAN - BASEMENT ONE	X	X	X	X
YD1.2.02	OVERALL SECURITY DEMO PLAN - LOWER LEVEL	X	X	X	X
YD1.2.03	OVERALL SECURITY DEMO PLAN - UPPER LEVEL	X	X	X	X
YD1.2.04	OVERALL SECURITY DEMO PLAN - MEZZANINE	X	X	X	X
YD1.2.05	OVERALL SECURITY DEMO PLAN - ROOF LEVEL	X	X	X	X
Y1.2.01	OVERALL SECURITY ZONING PLAN - BASEMENT ONE	X	X	X	X
Y1.2.02	OVERALL SECURITY ZONING PLAN - LOWER LEVEL	X	X	X	X
Y1.2.03	OVERALL SECURITY ZONING PLAN - UPPER LEVEL	X	X	X	X
Y1.2.04	OVERALL SECURITY ZONING PLAN - MEZZANINE	X	X	X	X
Y2.1.01.2H	ENLARGED SECURITY PLAN - BASEMENT ONE - AREA 2H		X	X	X
Y2.1.02.2D	ENLARGED SECURITY PLAN - LOWER LEVEL - AREA 2D		X	X	X
Y2.1.02.2E	ENLARGED SECURITY PLAN - LOWER LEVEL - AREA 2E		X	X	X
Y2.1.02.2F	ENLARGED SECURITY PLAN - LOWER LEVEL - AREA 2F		X	X	X
Y2.1.02.2G	ENLARGED SECURITY PLAN - LOWER LEVEL - AREA 2G		X	X	X
Y2.1.02.2H	ENLARGED SECURITY PLAN - LOWER LEVEL - AREA 2H		X	X	X
Y2.1.02.3G	ENLARGED SECURITY PLAN - LOWER LEVEL - AREA 3G		X	X	X
Y2.1.03.2D	ENLARGED SECURITY PLAN - UPPER LEVEL - AREA 2D		X	X	X
Y2.1.03.2E	ENLARGED SECURITY PLAN - UPPER LEVEL - AREA 2E		X	X	X
Y2.1.03.2F	ENLARGED SECURITY PLAN - UPPER LEVEL - AREA 2F		X	X	X
Y2.1.03.2G	ENLARGED SECURITY PLAN - UPPER LEVEL - AREA 2G		X	X	X
Y2.1.03.2H	ENLARGED SECURITY PLAN - UPPER LEVEL - AREA 2H		X	X	X
Y2.1.03.3G	ENLARGED SECURITY PLAN - UPPER LEVEL - AREA 3G		X	X	X
Y2.2.02.2D	ENLARGED SECURITY REFLECTED CEILING PLAN - LOWER LEVEL - AREA 2D		X	X	X
Y2.2.02.2E	ENLARGED SECURITY REFLECTED CEILING PLAN - LOWER LEVEL - AREA 2E		X	X	X
Y2.2.02.2F	ENLARGED SECURITY REFLECTED CEILING PLAN - LOWER LEVEL - AREA 2F		X	X	X
Y2.2.02.2G	ENLARGED SECURITY REFLECTED CEILING PLAN - LOWER LEVEL - AREA 2G		X	X	X
Y2.2.02.2H	ENLARGED SECURITY REFLECTED CEILING PLAN - LOWER LEVEL - AREA 2H		X	X	X
Y2.2.03.2E	ENLARGED SECURITY REFLECTED CEILING PLAN - UPPER LEVEL - AREA 2E		X	X	X
Y2.2.03.2F	ENLARGED SECURITY REFLECTED CEILING PLAN - UPPER LEVEL - AREA 2F		X	X	X
Y2.2.03.2G	ENLARGED SECURITY REFLECTED CEILING PLAN - UPPER LEVEL - AREA 2G		X	X	X
Y2.2.03.2H	ENLARGED SECURITY REFLECTED CEILING PLAN - UPPER LEVEL - AREA 2H		X	X	X
Y2.2.03.3G	ENLARGED SECURITY REFLECTED CEILING PLAN - UPPER LEVEL - AREA 3G		X	X	X
Y2.2.04.2G	ENLARGED SECURITY REFLECTED CEILING PLAN - MEZZANINE - AREA 2G		X	X	X
Y2.2.04.2H	ENLARGED SECURITY REFLECTED CEILING PLAN - MEZZANINE - AREA 2H		X	X	X
Y4.1.01	SCHEMATIC DIAGRAM - SACS	X	X	X	X
Y4.1.02	SCHEMATIC DIAGRAM - VSS	X	X	X	X
Y7.1.01	DOOR DETAILS			X	X
Y7.1.02	DOOR DETAILS			X	X
Y7.1.03	DOOR DETAILS			X	X
Y7.1.04	DOOR DETAILS			X	X
Y7.1.05	DOOR DETAILS			X	X
Y7.1.06	DOOR DETAILS			X	X
Y7.1.07	DOOR DETAILS			X	X
Y7.1.08	DOOR DETAILS			X	X
Y7.1.09	DOOR DETAILS			X	X
Y7.1.10	DOOR DETAILS			X	X
Y7.2.01	CAMERA DETAILS			X	X
Y7.2.02	CAMERA DETAILS			X	X
Y8.1.01	CAMERA SCHEDULES			X	X
Y8.2.01	DOOR SCHEDULES			X	X

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE: **C.O.C.A.002.01**

SHEET INDEX

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CHECKED BY: **LA**
SHEET NUMBER: **G1.12**
VOLUME: **1**

3/24/2023 1:36:44 PM

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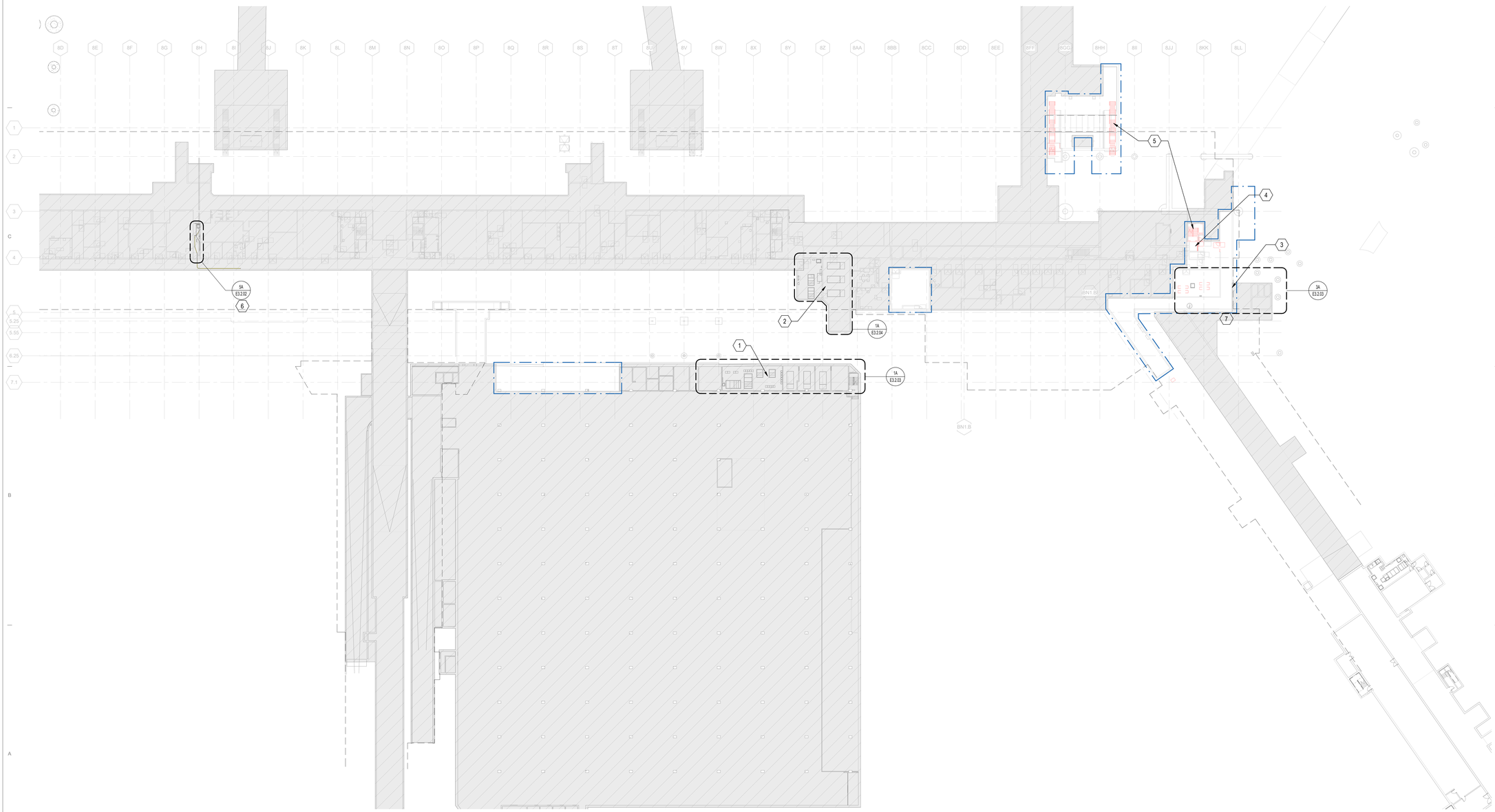
KEYED NOTES #

1 APPROXIMATE LOCATION OF NETWORK CENTER 5614
2 APPROXIMATE LOCATION OF NETWORK CENTER 5604
3 APPROXIMATE LOCATION OF NETWORK CENTER 5612
4 EXISTING ELEVATOR TO BE DEMOLISHED. CONTRACTOR TO DEMOLISH AND REMOVE EXISTING CONDUITS, CONDUCTORS, SUPPORTS, DISCONNECTS, PUMPS, CONTROL DEVICES, LIGHTING, AND ASSOCIATED APPURTANCES FOR THE EXISTING ELEVATOR BACK TO SOURCE (TYPICAL).
5 EXISTING STAIRWELL AND ASSOCIATED LIGHT FIXTURES, CONDUIT AND CONDUCTORS TO BE DEMOLISHED BACK TO SOURCE.
6 EXISTING RISER CONDUITS FEEDING UPPER LEVEL ELECTRICAL CLOSETS AND PANELS IN THE LOWER LEVEL BAG ROOM TO BE DISCONNECTED AND REPLACED IN NEW LOCATION. REMOVE ALL EXISTING CONDUIT AND WIRE BACK TO SOURCE AND REPLACE WITH NEW FEEDERS. PROVIDE TEMPORARY POWER AS REQUIRED TO MAINTAIN DAILY OPERATION DURING CUTOVERS. REFER TO POWER PLANS AND SINGLE LINES FOR MORE INFORMATION.
7 EXISTING FEEDS FOR 1ATS-320-L-001, 3ATS-320-L-001, AND ATS FIBER LOOP SERVING THE STINGER SHALL BE DISCONNECTED AND RE-ROUTED. REFER TO POWER PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
2. ALL EQUIPMENT SHOWN IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS SCOPE OF WORK.
3. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ELECTRICAL DEVICES AND EQUIPMENT IN FIELD. HATCHED EQUIPMENT AND ASSOCIATED FEEDERS ARE TO BE DEMOLISHED, NON-HATCHES EQUIPMENT AND FEEDERS ARE TO BE EXISTING TO EXTENT POSSIBLE AS COORDINATED WITH EXISTING PROPOSED FIELD CONDITIONS.
4. CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED FOR THE PHASING OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING ELECTRICAL TO REMAIN.
5. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.
6. COORDINATE ADDITIONAL DEMOLITION SCOPE WITH ARCHITECTURAL DRAWINGS.
7. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.



1A OVERALL ELECTRICAL DEMOLITION PLAN - BASEMENT LEVEL
1/32" = 1'-0"

0 16'-0" 32'-0" 64'-0" 128'-0"

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NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
A member company of SH Group, Inc.

MILHOUSE

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE **60% DESIGN**
PACKAGE ISSUE DATE **03/24/2023**
PHASE **DD**
REVISION **--**

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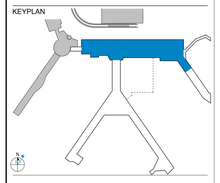
KEYPLAN



OVERALL ELECTRICAL DEMOLITION PLAN - BASEMENT LEVEL

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER VOLUME: **3**

ED1.1.01

KEYED NOTES #

1 EXISTING ELECTRICAL SHAFT TO BE DEMOLISHED. CONTRACTOR IS TO DEMOLISH AND REMOVE ALL FEEDERS, CONDUITS, CONDUCTORS, HANGERS, SUPPORTS, AND ASSOCIATED APPURTENANCES BACK TO SOURCE. ELECTRICAL CONDUITS AND FEEDERS ARE TO BE RE-ROUTED TO PROPOSED AND EXISTING TO REMAIN ELECTRICAL ROOMS.

2 EXISTING ELECTRICAL ROOM TO BE DEMOLISHED AND RELOCATED. REMOVE ALL EXISTING EQUIPMENT, PANELS, TRANSFORMERS, CONDUIT, AND CONDUCTORS INSIDE OF THE EXISTING ELECTRICAL ROOM BACK TO SOURCE. CONTRACTOR IS TO COORDINATE WITH ALL DEMOLITION DRAWINGS FOR EXISTING ELECTRICAL EQUIPMENT THAT IS INTENDED TO REMAIN. CONTRACTOR TO RECONFIGURE BRANCH CIRCUIT WIRING AS REQUIRED TO FEED PROPOSED ELECTRICAL EQUIPMENT.

3 EXISTING AREA IS TO BE DEMOLISHED, THIS DEMOLITION WORK IS TO INCLUDE ALL ELECTRICAL EQUIPMENT, CONDUIT, CONDUCTORS, RECEPTACLES, BRANCH CIRCUITS, JUNCTION BOXES, HANGERS, SUPPORTS, AND OTHER ASSOCIATED APPURTENANCES. CONTRACTOR SHALL MAKE ALL ELECTRICAL SYSTEMS ELECTRICALLY SAFE PRIOR TO THE START OF DEMOLITION. SEE ARCHITECHTUAL DRAWINGS FOR EXACT LIMITS OF DEMOLITION.

4 DEMOLISH POWER AND CONTROL CONNECTION, MANUAL MOTOR STARTER SWITCH, AND ASSOCIATED CONTROL DEVICES FOR REMOVAL OF EXISTING UNIT HEATER. CONTRACTOR TO DEMOLISH AND REMOVE POWER AND CONTROL WIRING BACK TO SOURCE. EXISTING CONDUIT, HANGERS, SUPPORTS, AND ASSOCIATED APPURTENANCES MAY REMAIN FOR RE-USE TO EXTENT REQUIRED. PROVIDE NEW AS REQUIRED.

5 REMOVE ALL PANELS AND ASSOCIATED WIRING/CONDUIT LOCATED IN EXISTING ELECTRICAL CLOSET.

6 EXISTING EDS MACHINE TO BE REMOVED AND RELOCATED. CONTRACTOR TO REMOVE CONDUIT, WIRE, AND ASSOCIATED APPURTENANCES. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL AND BHS DRAWINGS FOR ADDITIONAL INFORMATION.

7 EXISTING DISTRIBUTION PANELBOARDS FEEDING BHS MCP'S TO BE DEMOLISHED BACK TO SOURCE SWITCHGEAR. CONTRACTOR IS TO DEMOLISH AND REMOVE ALL FEEDERS, CONDUITS, CONDUCTORS, HANGERS, SUPPORTS, AND ASSOCIATED APPURTENANCES BACK TO SOURCE. DEMOLISH BRANCH CONDUIT AND WIRE BRANCH TO SOURCE EQUIPMENT. CONTRACTOR IS TO COORDINATE WITH ALL DEMOLITION AND BHS DRAWINGS FOR EXTENT OF DEMOLITION.

8 CONTRACTOR TO DEMOLISH EXISTING DISCONNECT SWITCHES BACK TO SOURCE.

9 EXISTING CONVIENANCE RECEPTACLES WITHIN HATCHED AREA TO BE DEMOLISHED. CONTRACTOR TO REMOVE EXISTING POWER CONDUCTORS, CONDUITS, SUPPORTS, AND ASSOCIATED APPURTENANCES BACK TO SOURCE. NUMBER AND LOCATION OF RECEPTACLES TO BE VERIFIED IN FIELD (TYPICAL).

10 CONTRACTOR TO DEMOLISH AND RE-LOCATE EXISTING ELECTRICAL PANELS FROM THIS LOCATION.

11 EXISTING ESCALATOR TO BE DEMOLISHED. CONTRACTOR TO DEMOLISH AND REMOVE CONDUIT, CONDUCTORS, DISCONNECTS, MOTORS AND ASSOCIATED APPURTENANCES TO EXTENT POSSIBLE. CONTRACTOR TO DEMOLISH EXISTING SLAB AS REQUIRED FOR DEMOLITION OF EXISTING CONDUITS.

12 EXISTING STAIRWELL AND ASSOCIATED LIGHT FIXTURES, CONDUIT AND CONDUCTORS TO BE DEMOLISHED BACK TO SOURCE.

13 EXISTING ELEVATOR TO BE DEMOLISHED. CONTRACTOR TO DEMOLISH AND REMOVE EXISTING CONDUITS, CONDUCTORS, SUPPORTS, DISCONNECTS, PUMPS, CONTROL DEVICES, LIGHTING, AND ASSOCIATED APPURTANCES FOR THE EXISTING ELEVATOR BACK TO SOURCE (TYPICAL).

14 EXISTING LIGHTING FIXTURES TO BE DEMOLISHED. NUMBER AND QUANTITY OF EXISTING DEVICES TO BE VERIFIED IN-FILED. CONTRACTOR TO PROVIDE TEMPORARY LIGHTING AS REQUIRED TO ILLUMINATE THE RENOVATION AREA DURING CONSTRUCTION (TYPICAL).

15 EXISTING RISER CONDUITS FEEDING UPPER LEVEL ELECTRICAL CLOSETS TO BE DISCONNECTED AND REPLACED IN NEW LOCATION. REMOVE ALL EXISTING CONDUIT AND WIRE BACK TO SOURCE AND REPLACE WITH NEW FEEDERS. PROVIDE TEMPORARY POWER AS REQUIRED TO MAINTAIN DAILY OPERATION DURING CUTOVERS. REFER TO POWER PLANS AND SINGLE LINES FOR MORE INFORMATION.

16 EXISTING RISER CONDUITS FEEDING UPPER LEVEL ELECTRICAL CLOSETS TO BE DISCONNECTED AND RE-ROUTED. REMOVE ALL EXISTING CONDUIT AND WIRE BACK TO SOURCE AND REPLACE WITH NEW FEEDERS. PROVIDE TEMPORARY POWER AS REQUIRED TO MAINTAIN DAILY OPERATION DURING CUTOVERS. REFER TO POWER PLANS AND SINGLE LINES FOR MORE INFORMATION.

17 PROPOSED MECHANICAL EQUIPMENT CONNECTION, MECHANICAL EQUIPMENT MANUFACTURER TO PROVIDE SINGLE POINT ELECTRICAL CONNECTION AND VFD WITH INTEGRAL DISCONNECT. CONTRACTOR TO COORDINATE CONNECTION LOCATION IN FIELD. VFD WITH INTEGRAL DISCONNECT TO BE PROVIDED BY EQUIPMENT SUPPLIER. CONTRACTOR SHALL PROVIDE MOUNTING HARDWARE, CONDUIT, WIRING, AND ASSOCIATED APPURTENANCES NECESSARY FOR FINAL CONNECTIONS (TYPICAL).

18 EXISTING FIRE SHUTTER CIRCUITS TO BE EXTENDED TO NEW LOCATION. REFER TO POWER PLANS FOR ADDITIONAL INFORMATION.

19 EXISTING MEDIA CABINETS TO REMAIN. TYPICAL OF (5) LOCATIONS.

20 DISCONNECT EXISTING AIR FIELD LIGHTING. REMOVE EXISTING FIXTURES AND ALL CONDUIT AND WIRE BACK TO SOURCE. COORDINATE WITH CIVIL DRAWINGS FOR REMOVAL OF POLES AND FOUNDATIONS.

21 EXISTING JET BRIDGE AND GPU DISCONNECTS. DISCONNECT AND REMOVE EXISTING FEEDER BACK TO SOURCE. UTILIZE EXISTING CIRCUIT IN AAL-9H-L11A AND PROVIDE NEW FEEDER. REFER TO POWER PLANS AND SINGLE LINES FOR MORE DETAILS.

22 EXISTING JET BRIDGE HVAC UNIT TO BE REMOVED. DISCONNECT POWER AND REMOVE ALL CONDUIT AND WIRE BACK TO SOURCE.

23 EXISTING GATE FUEL SHUT OFF TO BE RELOCATED. DISCONNECT AND EXTEND SHUTOFF TO NEW LOCATION. MAINTAIN OPERATION DURING CONSTRUCTION AS REQUIRED. COORDINATE WITH AIRFIELD DRAWINGS FOR MORE INFORMATION.

24 EXISTING PANEL TO BE RELOCATED DISCONNECT AND REMOVE ALL CONDUIT AND WIRE BACK TO SOURCE. PROVIDE NEW FEEDER TO NEW LOCATION AND EXTEND EXISTING BRANCH CIRCUITS AS REQUIRED. REFER TO POWER PLANS AND SINGLE LINES FOR MORE INFORMATION.

25 EXISTING BATTERY CHARGERS AND DISTRIBUTION TO CONCESSION ON UPPER LEVEL TO BE DISCONNECTED AND REMOVED. REMOVE ALL CONDUIT AND WIRE BACK TO SOURCE.

26 DISCONNECT AND REMOVE EXISTING POWER TO OVERHEAD DOOR. REMOVE ALL CONDUIT AND WIRE BACK TO SOURCE.

27 EXISTING PANEL AND FEEDER TO UNIT HEATER TO REMAIN.

28 EXISTING CONCRETE ENCASED DUCT BANK FED FROM NETWORK CENTER 5612 SERVING 3000A STINGER DISCONNECT SWITCH. DISCONNECT AND REMOVE FEEDERS BACK TO COMED VAULT AND PROVIDE NEW FEEDERS TO EXISTING SWITCH. PROVIDE TEMPORARY POWER AS REQUIRED DURING CUT OVER TO MAINTAIN DAILY OPERATION OF THE STINGER. REFER TO POWER PLANS AND SINGLE LINES FOR MORE INFORMATION.

29 EXISTING FEEDS FOR 1ATS-320-L-001, 3ATS-320-L-001, AND ATS FIBER LOOP SERVING THE STINGER SHALL BE DISCONNECTED AND RE-ROUTED. REFER TO POWER PLANS FOR ADDITIONAL INFORMATION.

30 EXISTING CONDUIT TO BE DEMOLISHED. CONTRACTOR TO DEMOLISH CONDUIT, CONDUCTORS, HANGERS, SUPPORTS, AND ASSOCIATED APPURTENENACES FROM JUNCTION BOX BACK TO SOURCE

31 EXISTING POTABLE WATER CABINET DISCONNECT. DISCONNECT AND REMOVE EXISTING FEEDER BACK TO SOURCE. UTILIZE EXISTING CIRCUIT IN AAL-9L-L11A AND PROVIDE NEW FEEDER REFER TO POWER PLANS AND SINGLE LINES FOR MORE DETAILS.

32 EXISTING PCA DISCONNECT. DISCONNECT AND REMOVE EXISTING FEEDER BACK TO SOURCE. UTILIZE EXISTING CIRCUIT IN AAL-9H-L11A AND PROVIDE NEW FEEDER. REFER TO POWER PLANS AND SINGLE LINES FOR MORE DETAILS.

LEGEND	
E	EXISTING
D	TO BE DEMOLISHED
ER	TO BE RELOCATED

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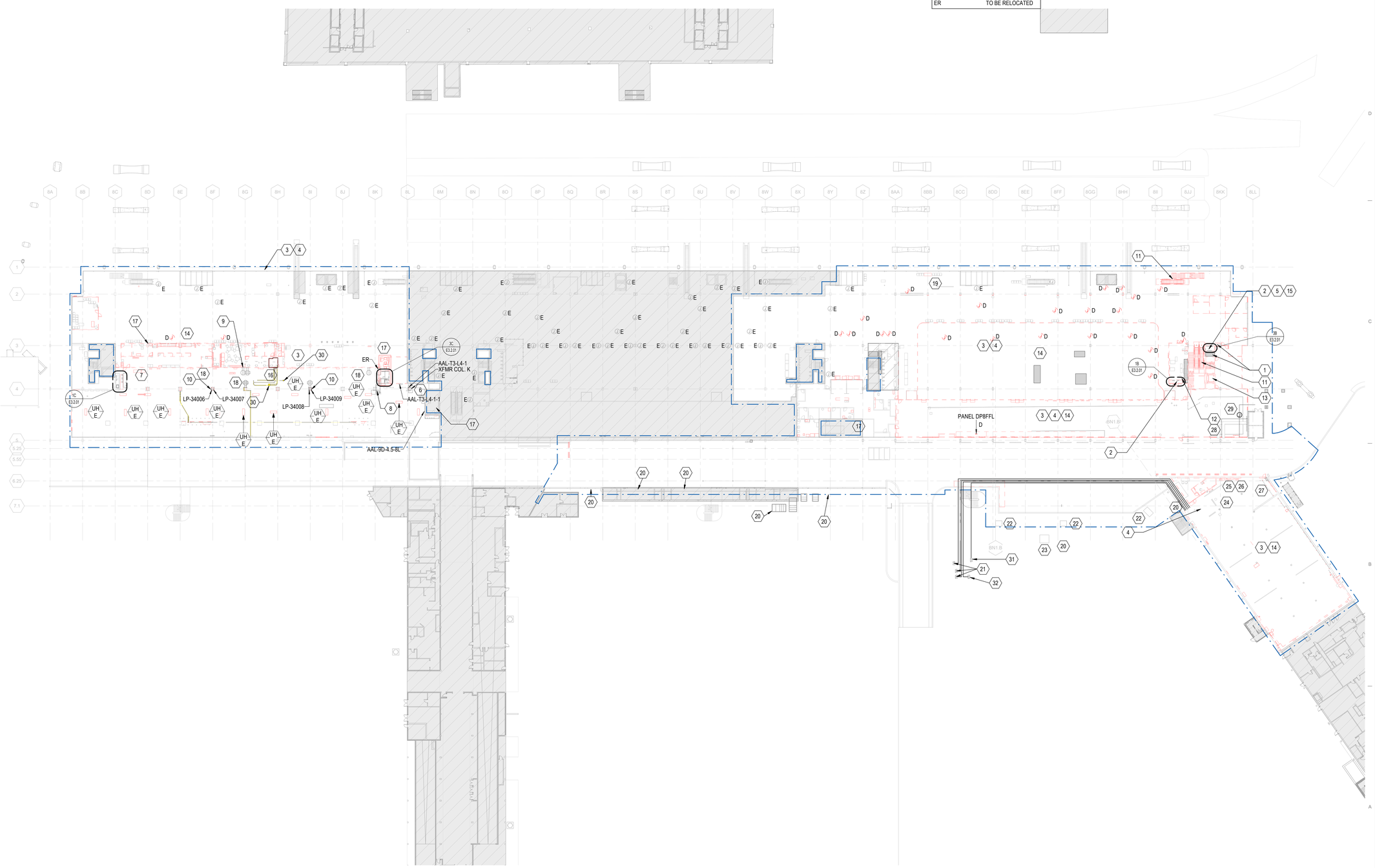

1A OVERALL ELECTRICAL DEMOLITION PLAN - LOWER LEVEL
1/32" = 1'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
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10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
A member company of SH Group, Inc.

MILHOUSE

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: 60% DESIGN
PACKAGE ISSUE DATE: 03/24/2023
PHASE: DD
REVISION: --
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE: C.O.C.A.002.01

KEYPLAN

OVERALL ELECTRICAL DEMOLITION PLAN - LOWER LEVEL

DRAWN BY: FK
CHECKED BY: JR
SHEET NUMBER
VOLUME: 3

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KEYED NOTES #

1. EXISTING ELECTRICAL ROOM TO REMAIN. CONTRACTOR TO RECONFIGURE BRANCH CIRCUIT WIRING AS REQUIRED TO FEED PROPOSED ELECTRICAL EQUIPMENT. RE-FEED EXISTING PANELS AS REQUIRED PER SHAFT RELOCATION NOTED ON THE LOWER LEVEL.
2. EXISTING AREA IS TO BE DEMOLISHED, THIS DEMOLITION WORK IS TO INCLUDE ALL ELECTRICAL EQUIPMENT, CONDUIT, CONDUCTORS, RECEPTACLES, BRANCH CIRCUITS, JUNCTION BOXES, HANGERS, SUPPORTS, AND OTHER ASSOCIATED APPURTENANCES. CONTRACTOR SHALL MAKE ALL ELECTRICAL SYSTEMS ELECTRICALLY SAFE PRIOR TO THE START OF DEMOLITION. SEE ARCHITECHTUAL DRAWINGS FOR EXACT LIMITS OF DEMOLITION.
3. EXISTING JUNCTION BOX FOR PASSENGER BOARDING BRIDGE (PBB) POWER, PRECONDITIONED AIR, GROUND POWER FEEDS AND EQUIPMENT CONNECTIONS TO BE DEMOLISHED. CONTRACTOR IS TO DEMOLISH THE EXISTING CONDUITS AND CONDUCTORS TO THE EXTENT REQUIRED FOR RE-USE ON THE RELOCCATED BOARDING BRIDGES. EXISTING CONDUITS MAY BE RE-USED TO THE EXTENT POSSIBLE FOR PROPOSED RELOCATED BRIDGE CONNECTIONS. PROPOSED INFRASTRUCTURE TO BE INSTALLED IN PARALLEL AS TO ALLOW FOR A CUTOVER TO BE COORDINATED WITH THE CMR. CONTRACTOR TO INCLUDE DEMO OF POWER TO EXISTING HVAC UNITS SERVING FIXED PORTION OF THE BRIDGE.
4. EXISTING RECEPTACLES FOR TSA MONITORS AND OTHER ASSOCIATED TSA AND CDA ELECTRICAL DEVICES AND EQUIPMENT WITHIN HATCHED AREA TO BE DEMOLISHED. CONTRACTOR TO REMOVE EXISTING POWER CONDUCTORS, CONDUITS, SUPPORTS, AND ASSOCIATED APPURTENANCES BACK TO SOURCE PANEL. NUMBER AND LOCATION OF RECEPTACLES TO BE VERIFIED IN FIELD.
5. EXISTING ADMIRALS CLUB AREA IS TO BE DEMOLISHED, THIS DEMOLITION WORK IS TO INCLUDE ALL ELECTRICAL EQUIPMENT, CONDUIT, CONDUCTORS, HANGERS, SUPPORTS, LIGHT FIXTURES, AND OTHER ASSOCIATED APPURTENANCES. CONTRACTOR SHALL MAKE ALL ELECTRICAL SYSTEMS ELECTRICALLY SAFE PRIOR TO THE START OF DEMOLITION.
6. EXISTING HOLD ROOM TICKET COUNTER AND ASSOCIATED FLIGHT DISPLAY PODIUM TO BE DEMOLISHED. CONTRATOR TO DISCONNECT EQUIPMENT FROM POWER SOURCE AND DEMOLISH ALL ASSOCIATED RECEPTACLES, CONDUITS. AND CONDUCTORS BACK TO SOURCE.
7. EXISTING HOLD ROOM KIOSK'S TO BE DEMOLISHED. CONTRACTOR TO DISCONNECT EQUIPMENT FROM POWER SOURCE AND REMOVE ALL CONDUIT, CONDUCTORS, ASSOCIATED RECEPTACLES, AND JUNCTION BOXES TO EXTENT POSSIBLE. CONTRACTOR TO RETURN KIOSK'S TO OWNER. (TYPICAL)
8. EXISITING BATHROOM TO BE DEMOLISHED, EXISTING RECEPTACLES, FLUSHER TRANSFORMERS, LIGHT FIXTURES, HAND DRYERS, AND ASSOCIATED CONDUIT AND CONDUCTORS ARE TO BE DEMOLISHED AND REMOVED BACK TO SOURCE (TYPICAL).
9. EXISTING ELEVATOR TO BE DEMOLISHED. CONTRACTOR TO DEMOLISH AND REMOVE EXISTING CONDUITS, CONDUCTORS, SUPPORTS, DISCONNECTS, PUMPS, CONTROL DEVICES, LIGHTING, AND ASSOCIATED APPURTANCES FOR THE EXISTING ELEVATOR BACK TO SOURCE (TYPICAL).
10. EXISTING STAIRWELL AND ASSOCIATED LIGHT FIXTURES, CONDUIT AND CONDUCTORS TO BE DEMOLISHED BACK TO SOURCE.
11. EXISTING CEILING AND WALL MOUNTED DEVICES WITHIN DEMO AREA TO BE REMOVED AND REMOUNTED ON PROPOSED CEILING ARE REQUIRED.
12. EXISTING LIGHTING FIXTURE, CONDUIT AND CONDUCTORS TO BE DEMOLISHED. NUMBER AND QUANTITY OF EXISTING FIXTURES IS TO BE VERIFIED IN-FIELD. CONTRACTOR TO PROVIDE TEMPORARY LIGHTING AS REQUIRED TO ILLUMINATE THE RENOVATION AREA DURING CONSTRUCTION (TYPICAL).
13. EXISTING ESCALATOR TO BE DEMOLISHED. CONTRACTOR TO DEMOLISH AND REMOVE CONDUIT, CONDUCTORS, DISCONNECTS, MOTORS AND ASSOCIATED APPURTENANCES TO EXTENT POSSIBLE. CONTRACTOR TO DEMOLISH EXISTING SLAB AS REQUIRED FOR DEMOLITION OF EXISTING CONDUITS.
15. EXISTING LIGHTING FIXTURES TO BE DEMOLISHED. NUMBER AND QUANTITY OF EXISTING DEVICES TO BE VERIFIED IN-FILED. CONTRACTOR TO PROVIDE TEMPORARY LIGHTING AS REQUIRED TO ILLUMINATE THE RENOVATION AREA DURING CONSTRUCTION (TYPICAL).
16. CONTRACTOR TO DEMOLISH ALL CONDUIT, CONDUCTORS, AND ASSOCIATTED APPURTENANES ASSOCIATED WITH SSCP LANE EQUIPMENT BACK TO SOURCE.
17. EXISTING ELECTRICAL CLOSET TO BE DEMOLISHED AND RELOCATED. REMOVE ALL EXISTING EQUIPMENT, PANELS, TRANSFORMERS, CONDUIT, CONDUCTORS, HANGERS, SUPPORTS, AND ASSOCIATED APPURTENANCES INSIDE OF THE EXISTING ELECTRICAL ROOM BACK TO SOURCE. CONTRACTOR IS TO COORDINATE WITH ALL DEMOLITION DRAWINGS FOR EXISTING ELECTRICAL EQUIPMENT THAT IS INTENDED TO REMAIN AND BE RELOCATED TO PROPOSED ELECTRICAL CLOSET.
18. ALL LIGHTING, RECEPTACLES, POWER DEVICES, AND ASSOCIATED APPURTANCES IN EXISTING AIRLINE TICKETING OFFICE AREA AND OFFICES TO BE DEMOLISHED AND REMOVED. CONTRACTOR TO DEMOLISH AND REMOVE ALL BRANCH CIRCUIT WIRING, CONDUIT, SUPPORTS, AND ASSOCIATED APPURTANCES BACK TO SOURCE TO PREPARE FOR SECURITY SCREENING CHECK POINT RENOVATION AND EXPANSION.

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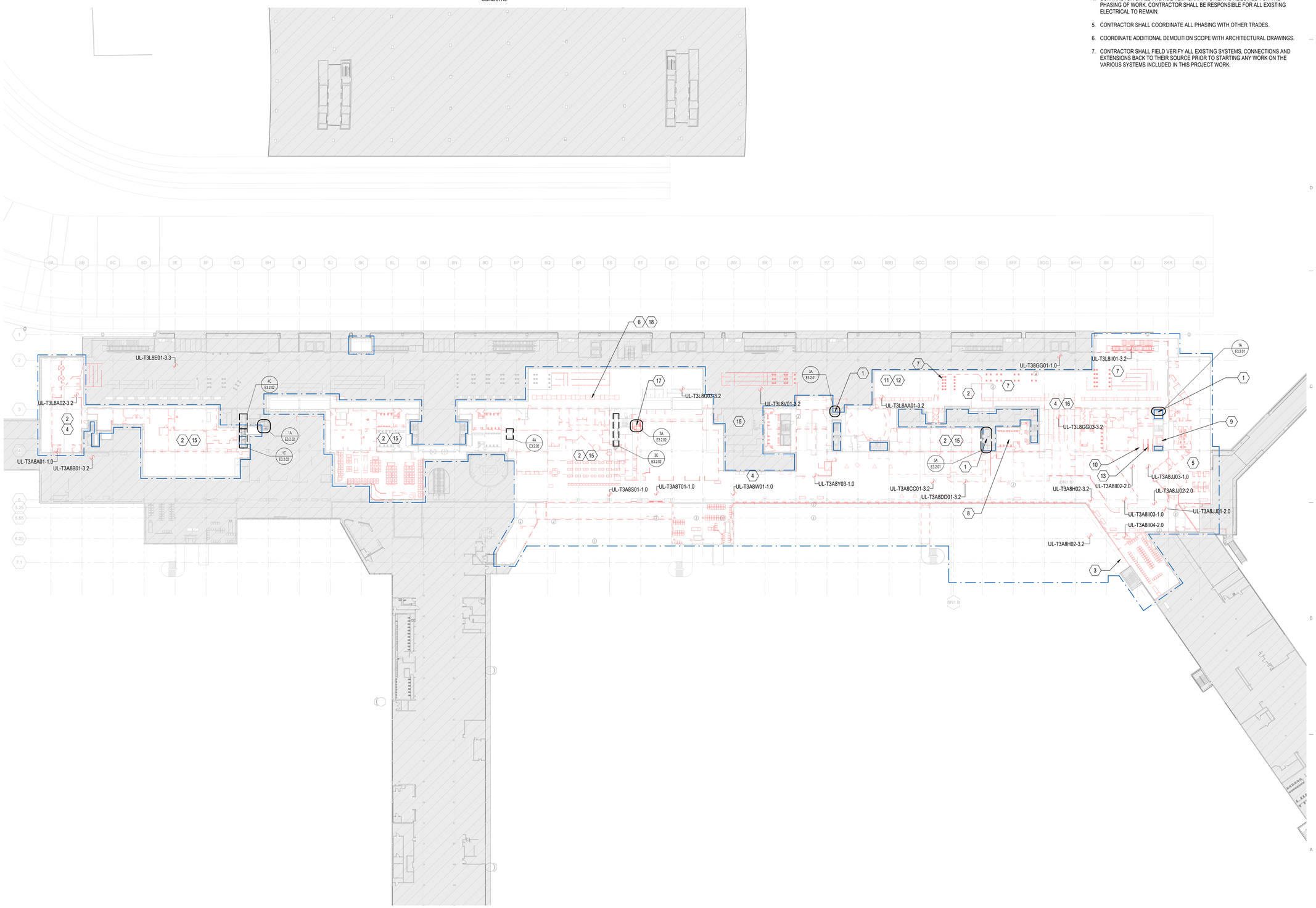

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KEYPLAN

OVERALL ELECTRICAL DEMOLITION PLAN - UPPER LEVEL

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER: **ED1.1.03** VOLUME: **3**

3/22/2023 3:13:09 PM

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KEYED NOTES #

1 EXISTING AREA IS TO BE DEMOLISHED, THIS DEMOLITION WORK IS TO INCLUDE ALL ELECTRICAL EQUIPMENT, CONDUIT, CONDUCTORS, RECEPTACLES, BRANCH CIRCUITS, JUNCTION BOXES, HANGERS, SUPPORTS, AND OTHER ASSOCIATED APPURTENANCES. CONTRACTOR SHALL MAKE ALL ELECTRICAL SYSTEMS ELECTRICALLY SAFE PRIOR TO THE START OF DEMOLITION. SEE ARCHITECHTUAL DRAWINGS FOR EXACT LIMITS OF DEMOLITION.

2 EXISTING ELECTRICAL ROOM TO REMAIN. CONTRACTOR TO RECONFIGURE BRANCH CIRCUIT WIRING AS REQUIRED TO FEED PROPOSED ELECTRICAL EQUIPMENT. RE-FEED EXISTING PANELS AS REQUIRED PER SHAFT RELOCATION NOTED ON THE LOWER LEVEL.

3 PROVIDE NEW BRANCH CIRCUIT WIRING. CONTRACTOR MAY ELECT TO ROUTE THE WIRING UTILIZING THE EXISTING WALKER DUCT SYSTEM TO EXTENT POSSIBLE.

4 EXISTING MCC BUCKET (OCPD, THERMAL OVERLOAD, MOTOR STARTER, AND ASSOCIATED APPURTANCES) TO BE DEMOLISHED. CONTRACTOR IS TO DISCONNECT EXISTING MCC COMBINATION STARTER CIRCUIT BREAKER AND REMOVE EXISTING MCC BUCKET LOCATION. DEMOLISH EXISTING BUCKET IN MCC, MCC SPACE WILL BE REUSED OR PROVIDED WITH BLANK COVER.

5 EXISTING LIGHTING FIXTURES TO BE DEMOLISHED. NUMBER AND QUANTITY OF EXISTING DEVICES TO BE VERIFIED IN-FILED. CONTRACTOR TO PROVIDE TEMPORARY LIGHTING AS REQUIRED TO ILLUMINATE THE RENOVATION AREA DURING CONSTRUCTION (TYPICAL).

GENERAL NOTES

1. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
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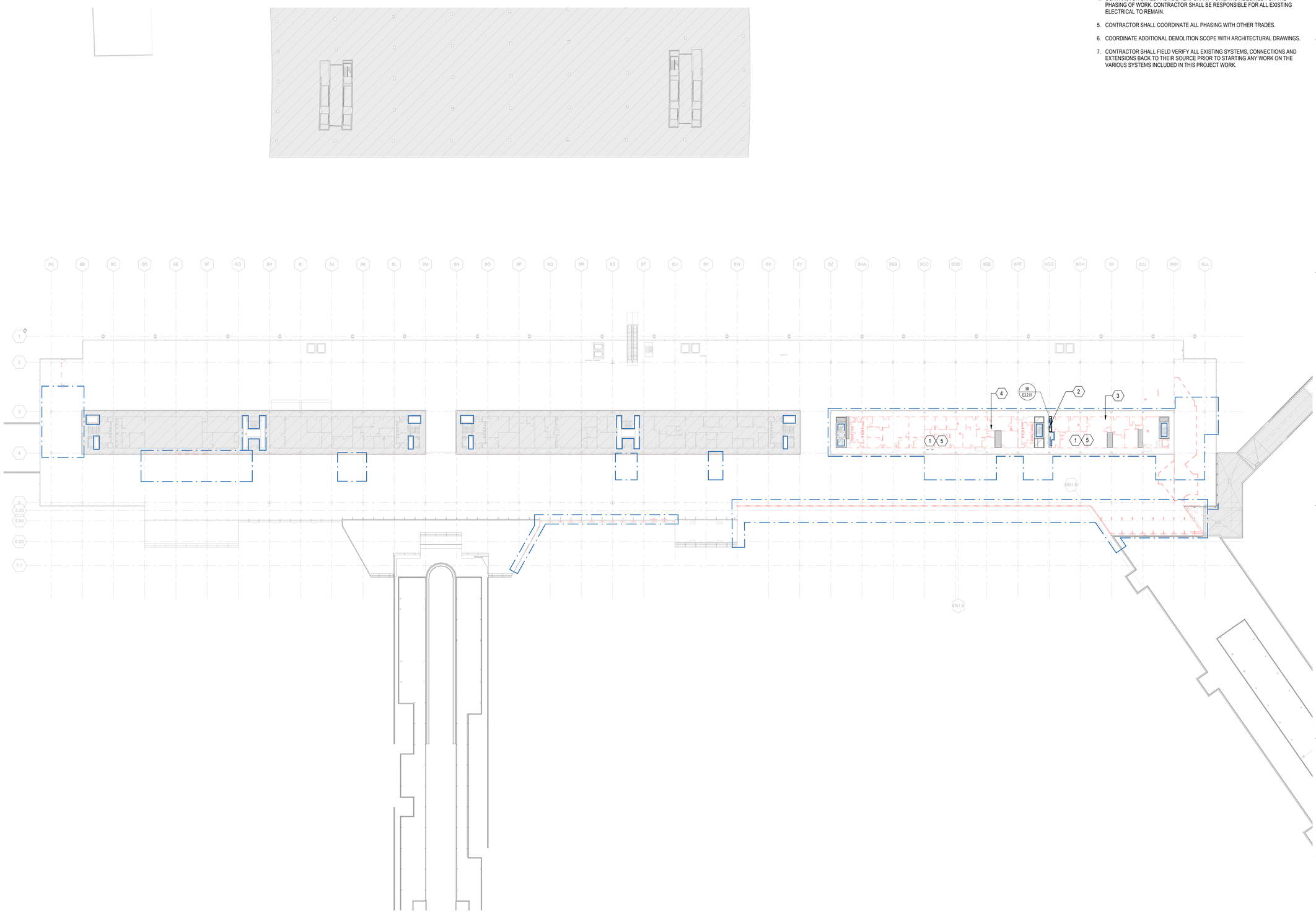
5. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.
6. COORDINATE ADDITIONAL DEMOLITION SCOPE WITH ARCHITECTURAL DRAWINGS.
7. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.



1A OVERALL ELECTRICAL DEMOLITION PLAN - MEZZANINE LEVEL
1/32" = 1'-0"

0 16'-0" 32'-0" 64'-0" 128'-0"

3/22/2023 3:13:49 PM

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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MILHOUSE

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE
60% DESIGN

PACKAGE ISSUE DATE
03/24/2023

PHASE
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REVISION
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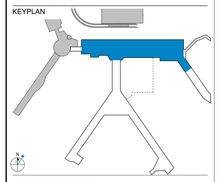
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN



OVERALL ELECTRICAL DEMOLITION PLAN - MEZZANINE LEVEL

DRAWN BY: **FK**
CHECKED BY: **JR**

SHEET NUMBER
ED1.1.04

VOLUME: **3**

KEYED NOTES #

1 REMOVE CONDUCTORS AND CONDUIT ASSOCIATED WITH PUMP TO BE REPLACED AT THIS LOCATION. TO THE EXTENT POSSIBLE, PRESERVE EXISTING CONDUIT FROM MCC TO EXISTING DISCONNECT SWITCH FOR REUSE. REMOVE EXISTING DISCONNECT SWITCH (TYP).

GENERAL NOTES

1. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
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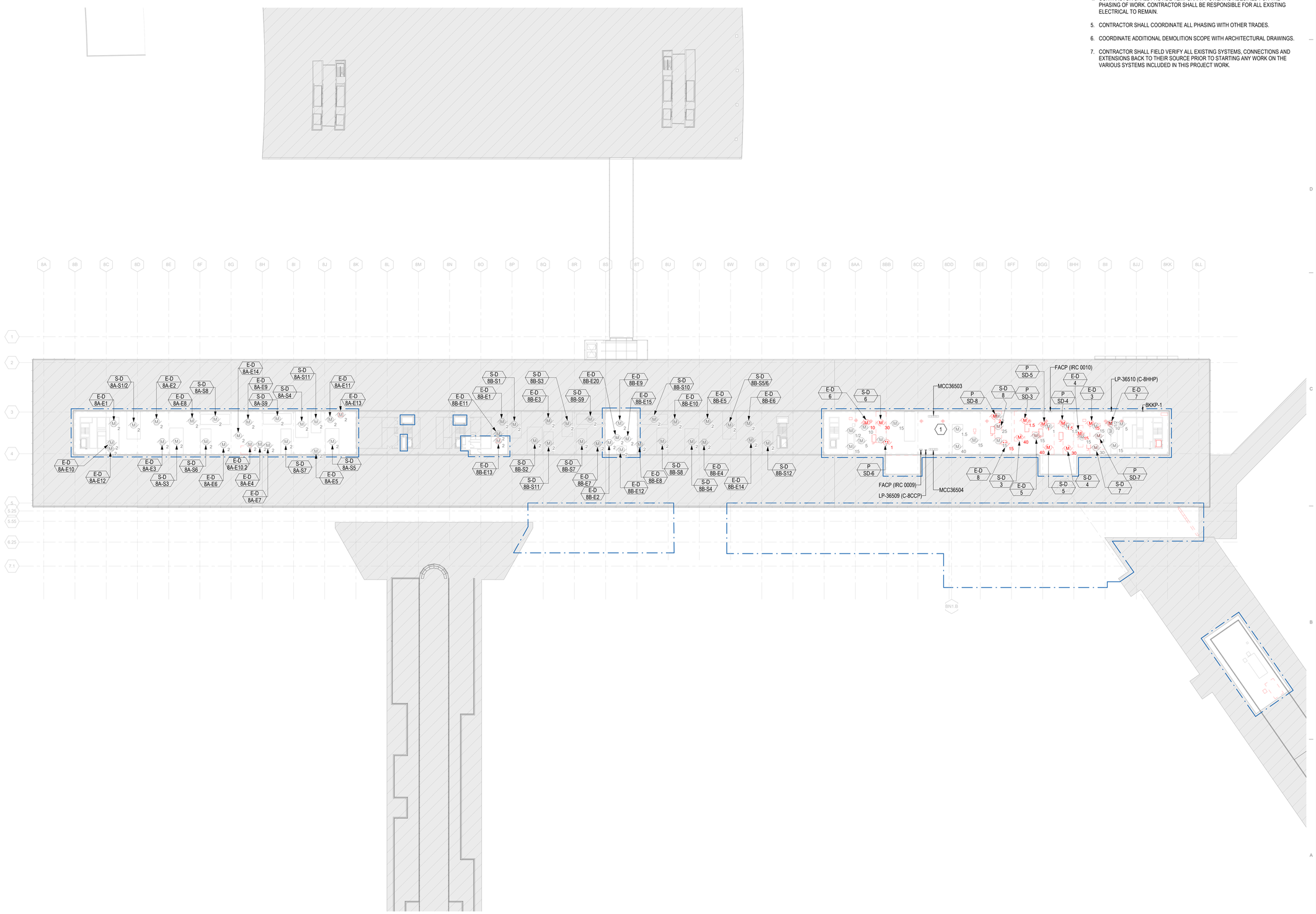

1A OVERALL ELECTRICAL POWER DEMOLITION PLAN - PENTHOUSE

1/32" = 1'-0"

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NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
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CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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MILHOUSE

NOTES

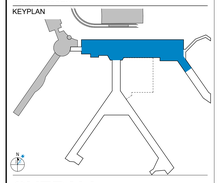
REVISION

NO.	DATE	DESCRIPTION

ISSUANCE **60% DESIGN**
PACKAGE ISSUE DATE **03/24/2023**
PHASE **DD**
REVISION **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN



OVERALL ELECTRICAL DEMOLITION PLAN - PENTHOUSE

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SHEET NUMBER VOLUME: **3**

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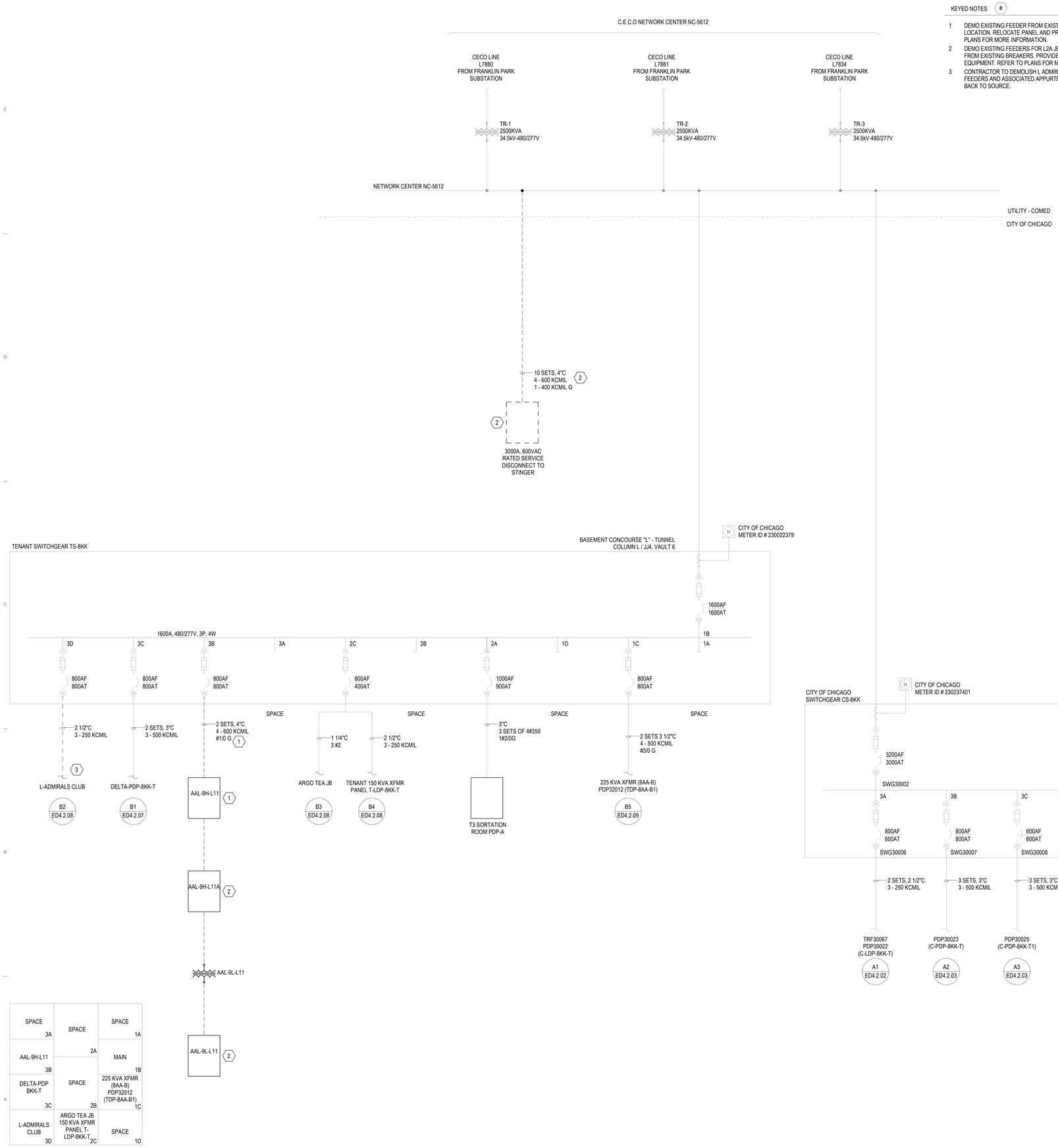

1A SLD NC-5612 CITY OF CHICAGO SWITCHGEAR CS-8KK & TENANT SWITCHGEAR TS-8KK

NTS

KEYED NOTES #

1. DEMO EXISTING FEEDER FROM EXISTING BREAKER TO EXISTING PANEL LOCATION. RELOCATE PANEL AND PROVIDE NEW FEEDER. REFER TO PLANS FOR MORE INFORMATION.
2. DEMO EXISTING FEEDERS FOR L2A JET BRIDGE POWER, GPU, AND PCA FROM EXISTING BREAKERS. PROVIDE NEW FEEDERS TO EXISTING EQUIPMENT. REFER TO PLANS FOR MORE INFORMATION.
3. CONTRACTOR TO DEMOLISH L ADMIRALS FEED. CONDUITS, CONDUCTORS, FEEDERS AND ASSOCIATED APPURTENENACES ARE TO BE DOMLISHED BACK TO SOURCE.

GENERAL NOTES

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CITY OF CHICAGO
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PROJECT NUMBER
H1220.23-00

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MILHOUSE

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ISSUANCE **60% DESIGN**
PACKAGE ISSUE DATE **03/24/2023**
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CDA WORK BREAKDOWN STRUCTURE (WBS) CODE **C.O.C.A.002.01**

SLD NC-5612 CITY SWGR CS-8KK AND TENANT SWGR TS-8KK

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER **ED4.2.01**
VOLUME: **3**

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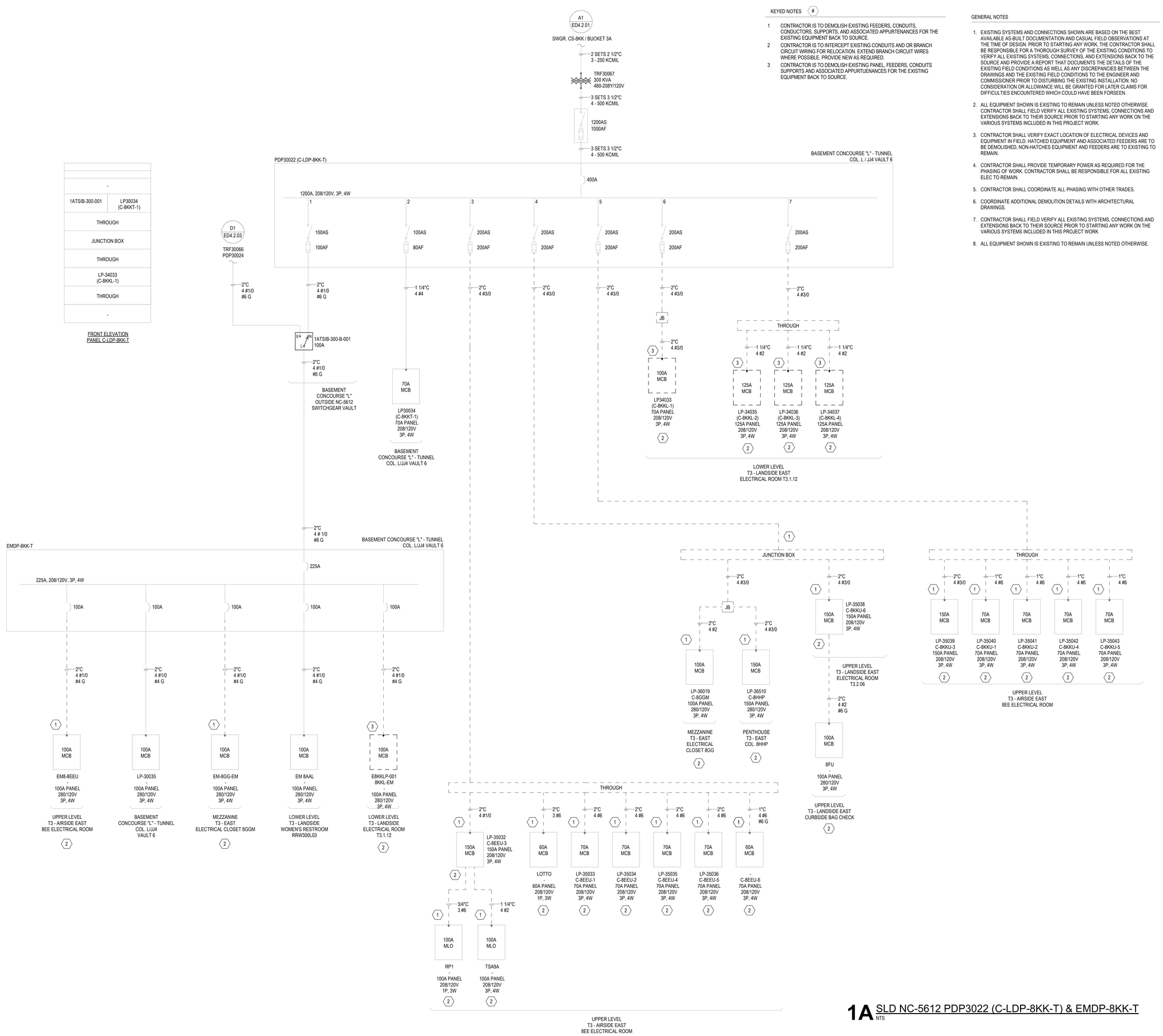

-	
1ATSIB-300-001	LP30034 (C-8KKT-1)
THROUGH	
JUNCTION BOX	
THROUGH	
LP-34033 (C-8KKL-1)	
THROUGH	
-	

FRONT ELEVATION
PANEL C-LDP-8KK-T

KEYED NOTES #

1. CONTRACTOR IS TO DEMOLISH EXISTING FEEDERS, CONDUITS, CONDUCTORS, SUPPORTS, AND ASSOCIATED APPURTENANCES FOR THE EXISTING EQUIPMENT BACK TO SOURCE.
2. CONTRACTOR IS TO INTERCEPT EXISTING CONDUITS AND OR BRANCH CIRCUIT WIRING FOR RELOCATION. EXTEND BRANCH CIRCUIT WIRES WHERE POSSIBLE, PROVIDE NEW AS REQUIRED.
3. CONTRACTOR IS TO DEMOLISH EXISTING PANEL, FEEDERS, CONDUITS SUPPORTS AND ASSOCIATED APPURTUENANCES FOR THE EXISTING EQUIPMENT BACK TO SOURCE.

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1A SLD NC-5612 PDP3022 (C-LDP-8KK-T) & EMDP-8KK-T
NTS

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CDA Chicago Department of Aviation

CITY OF CHICAGO
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DD	**–**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SLD NC-5612 PDP30022 (C-LDP-8KK-T) AND EMDP-8KK-T

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SHEET NUMBER VOLUME: **3**
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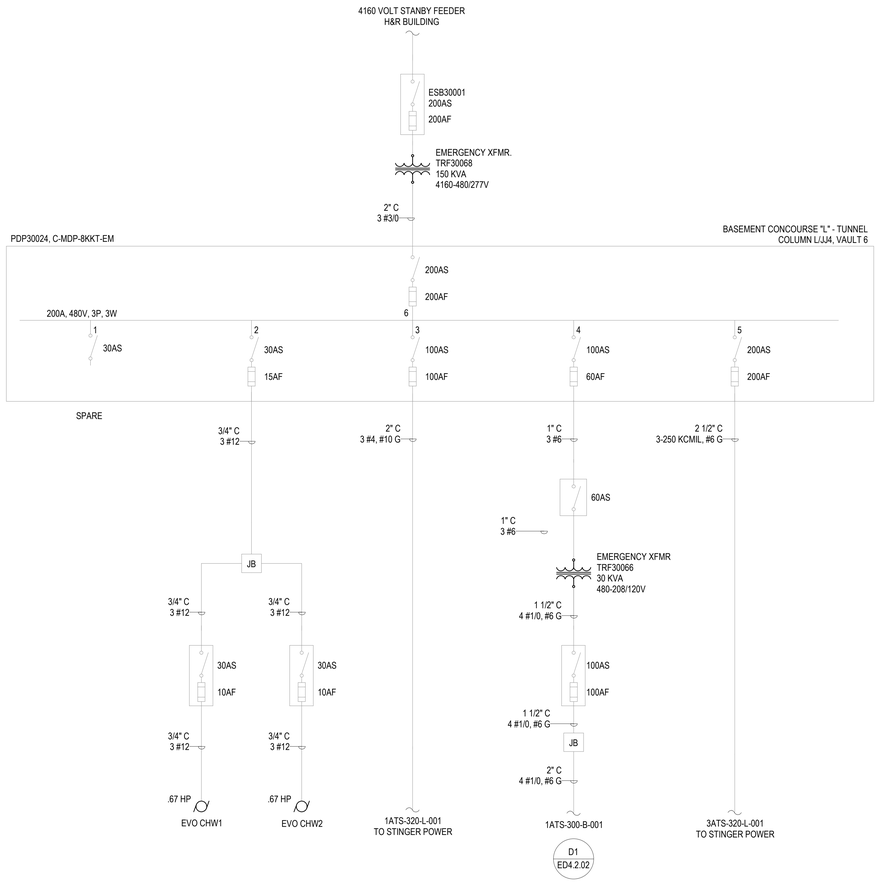

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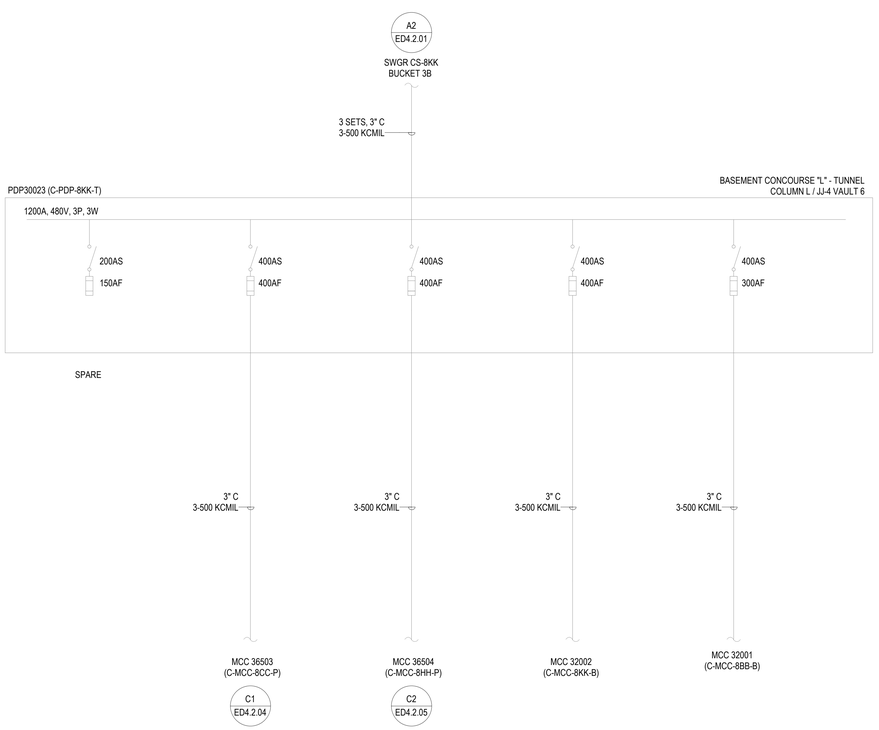
1ATSIB-300-B-001	4
3ATS-320-L-001	5
MAIN	6

FRONT ELEVATION
PDP30024, C-MDP-8KKT-EM

4C SLD NC-5612 PDP30024 (C-MDP-8KKT-EM)
NTS



SPARE
C-MCC-8CC-P
C-MCC-8HH-P
C-MCC-8KK-B
C-MCC-8BB-B

FRONT ELEVATION
PDP30023, C-PDP-8KK-T

4A SLD NC-5612 PDP30023 (C-PDP-8KK-T)
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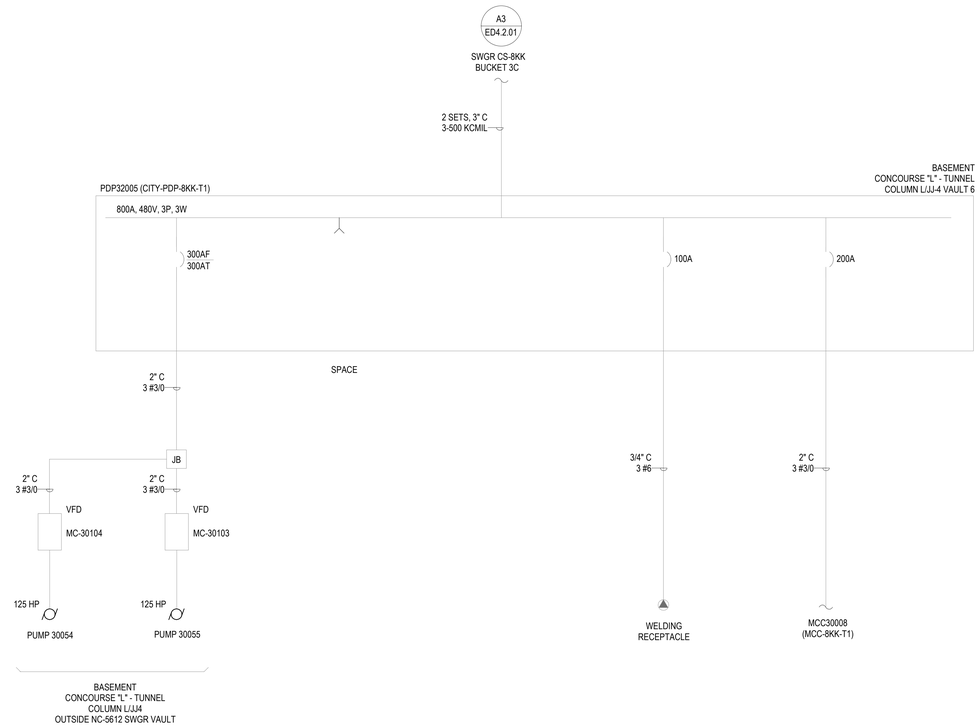

1A SLD NC-5612 PDP32005 (CITY-PDP-8KK-T1)
NTS

KEYED NOTES #

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SLD NC-5612 PDP30023, PDP20024, AND PDP32005

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SHEET NUMBER **ED4.2.03** VOLUME: **3**

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KEYED NOTES #

1. EXISTING FAN/PUMP MOTOR TO BE DEMOLISHED. CONTRACTOR TO DISCONNECT AND REMOVE DISCONNECT SWITCH, ASSOCIATED WIRING, AND ASSOCIATED APPURTENANCES FROM THE EXISTING EQUIPMENT BACK TO MCC. CONDUITS AND SUPPORTS MAY REMAIN.
2. EXISTING MCC BUCKET (OCPD, THERMAL OVERLOAD, MOTOR STARTER, AND ASSOCIATED APPURTANCES) TO BE DEMOLISHED. CONTRACTOR IS TO DISCONNECT EXISTING MCC COMBINATION STARTER CIRCUIT BREAKER AND REMOVE EXISTING MCC BUCKET LOCATION. DEMOLISH EXISTING BUCKET IN MCC, MCC SPACE WILL BE REUSED OR PROVIDED WITH BLANK COVER.

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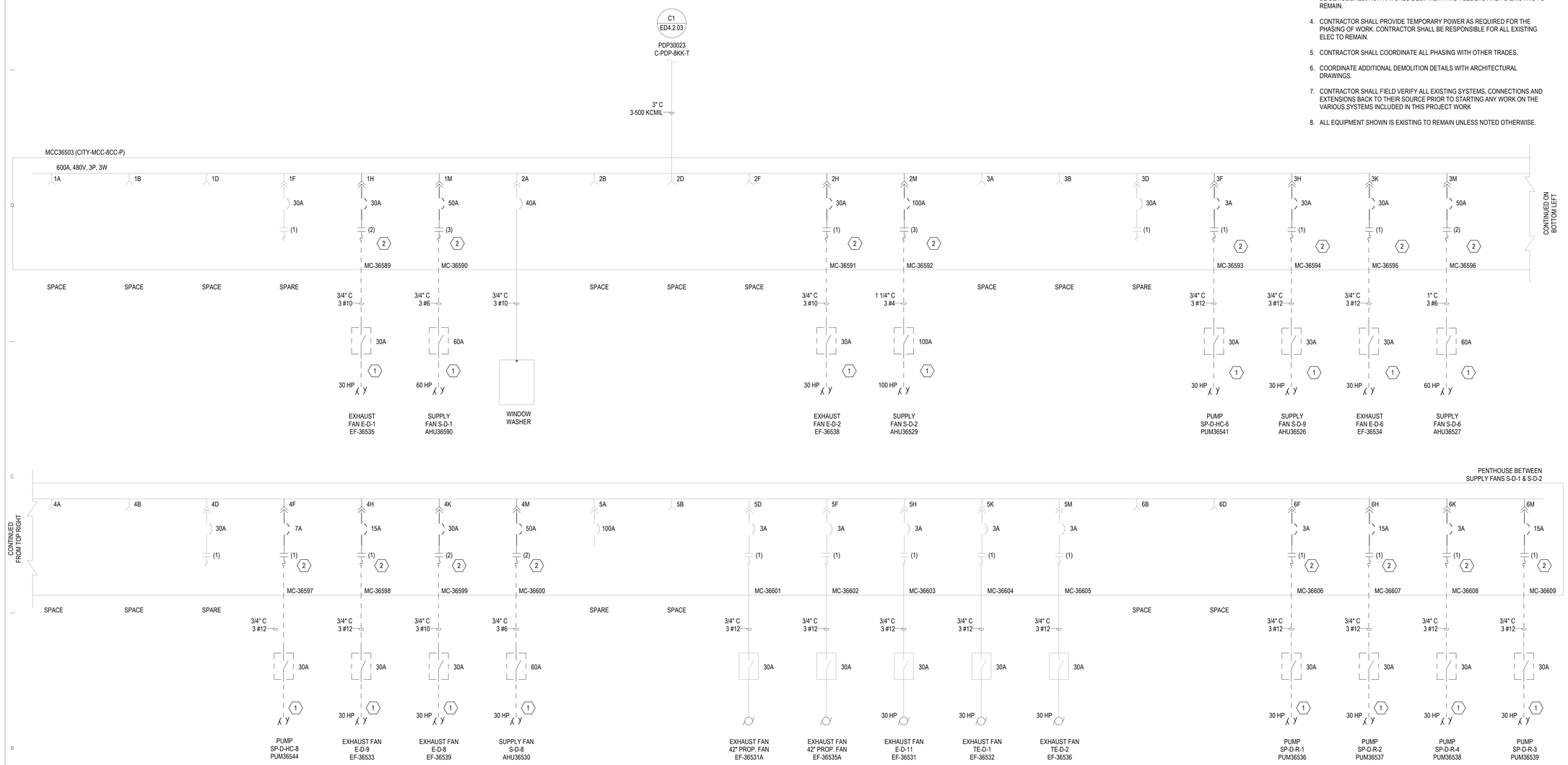

	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5	SECTION 6
A	SPACE	WINDOW WASHER 40A CIRCUIT BREAKER	SPACE	SPACE	SPARE - 100A CIRCUIT BREAKER	SPACE
B	SPACE	SPACE	SPACE	SPACE	SPACE	
C D	SPACE	SPACE	SPARE	SPARE	EXHAUST FAN 42" PROP. FAN MC-36601 FOR EF-36531A	SPACE
E F	SPARE	SPACE	PUMP SP-D-HC-6 MC-36593 FOR PUM36541	PUMP SP-D-HC-8 MC-36597 FOR PUM36544	EXHAUST FAN 42" PROP. FAN MC-36601 FOR EF-36535A	PUMP SP-D-R-1 MC-36606 FOR PUM36536
G H	EXHAUST FAN E-D-1 MC-36589 FOR EF-36535	EXHAUST FAN E-D-2 MC-36591 FOR AHU36538	SUPPLY FAN S-D-9 MC-36594 FOR AHU36526	EXHAUST FAN E-D-9 MC-36598 FOR EF-36533	EXHAUST FAN E-D-11 MC-36603 FOR EF-36531	PUMP SP-D-R-2 MC-36607 FOR PUM36537
J K L M	SUPPLY FAN S-D-1 MC-36590 FOR AHU36590	SUPPLY FAN S-D-2 MC-36592 FOR AHU36529	EXHAUST FAN E-D-6 MC-36595 FOR EF-36534	EHAUST FAN E-D-8 MC-36599 FOR EF-36539	EXHAUST FAN TE-D-1 MC-36604 FOR EF-36532	PUMP SP-D-R-4 MC-36608 FOR PUM36538
			SUPPLY FAN S-D-6 MC-36596 FOR AHU36527	SUPPLY FAN S-D-8 MC-36600 FOR AHU36530	EXHAUST FAN TE-D-2 MC-36605 FOR EF-36536	PUMP SP-D-R-3 MC-36609 FOR PUM36539

FRONT ELEVATION
MCC36503 (CITY-MCC-8CC-P)

1A SLD NC-5612 MCC36503 (CITY-MCC-8CC-P)
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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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MILHOUSE

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE **60% DESIGN**
PACKAGE ISSUE DATE **03/24/2023**
PHASE **DD**
REVISION **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SLD NC-5612
MCC36503
(CITY-MCC-8CC-P)

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER **ED4.2.04** VOLUME: **3**

KEYED NOTES

1. EXISTING FAN/PUMP MOTOR TO BE DEMOLISHED. CONTRACTOR TO DISCONNECT AND REMOVE DISCONNECT SWITCH, ASSOCIATED WIRING, AND ASSOCIATED APPURTENANCES FROM THE EXISTING EQUIPMENT BACK TO MCC. CONDUITS AND SUPPORTS MAY REMAIN.
2. EXISTING MCC BUCKET (OCPD, THERMAL OVERLOAD, MOTOR STARTER, AND ASSOCIATED APPURTANCES) TO BE DEMOLISHED. CONTRACTOR IS TO DISCONNECT EXISTING MCC COMBINATION STARTER CIRCUIT BREAKER AND REMOVE EXISTING MCC BUCKET LOCATION. DEMOLISH EXISTING BUCKET IN MCC, MCC SPACE WILL BE REUSED OR PROVIDED WITH BLANK COVER.
3. CONTRACTOR IS TO DEMOLISH EXISTING FEEDERS, CONDUITS, CONDUCTORS, SUPPORTS, AND ASSOCIATED APPURTENANCES FOR THE EXISTING EQUIPMENT BACK TO SOURCE.
4. CONTRACTOR IS TO INTERCEPT EXISTING CONDUITS AND OR BRANCH CIRCUIT WIRING FOR RELOCATION. EXTEND BRANCH CIRCUIT WIRES WHERE POSSIBLE, PROVIDE NEW AS REQUIRED.

GENERAL NOTES

1. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
2. ALL EQUIPMENT SHOWN IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
3. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ELECTRICAL DEVICES AND EQUIPMENT IN FIELD. HATCHED EQUIPMENT AND ASSOCIATED FEEDERS ARE TO BE DEMOLISHED, NON-HATCHES EQUIPMENT AND FEEDERS ARE TO EXISTING TO REMAIN.
4. CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED FOR THE PHASING OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING ELEC TO REMAIN.
5. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.
6. COORDINATE ADDITIONAL DEMOLITION DETAILS WITH ARCHITECTURAL DRAWINGS.
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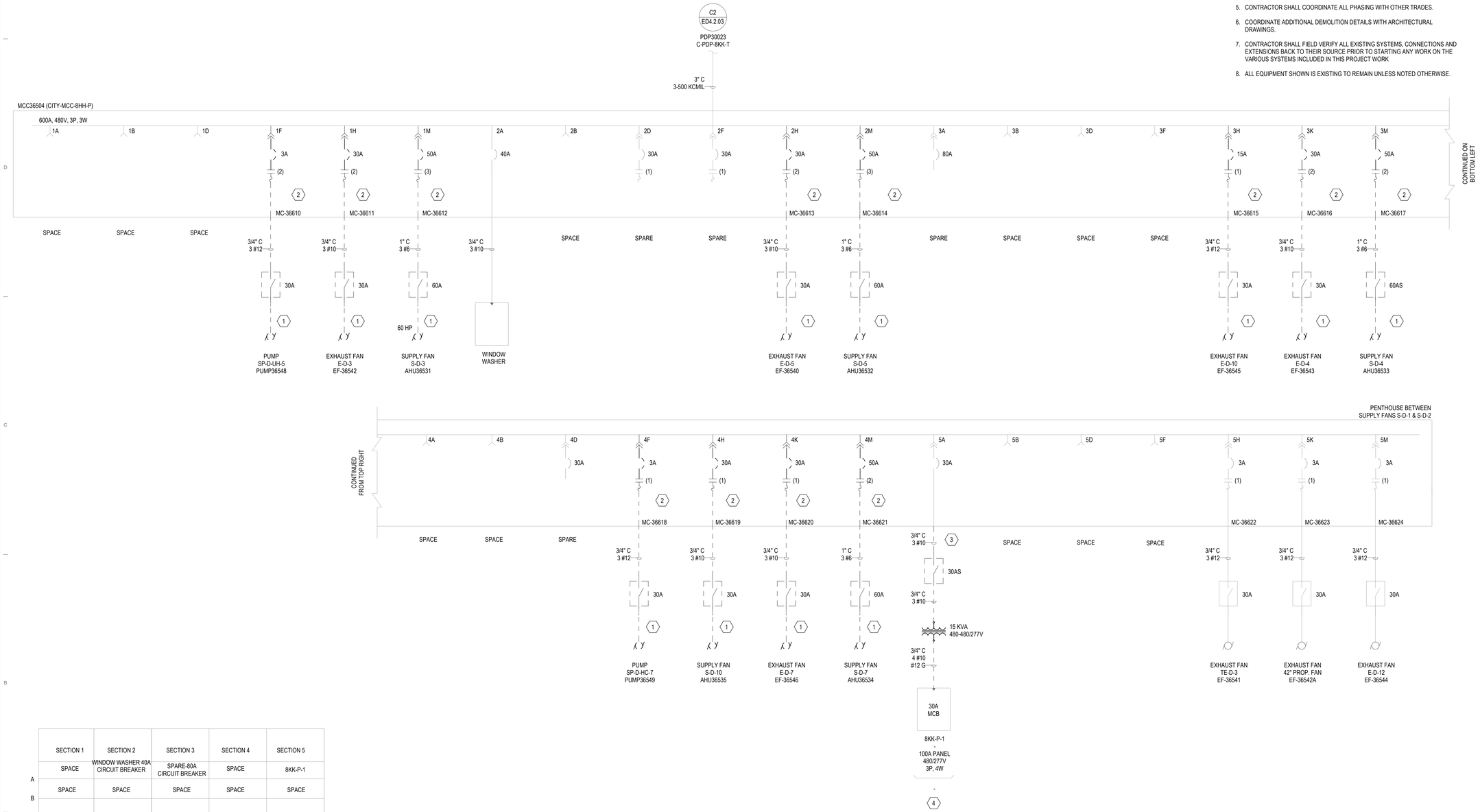

	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5
	SPACE	WINDOW WASHER 40A CIRCUIT BREAKER	SPARE-80A CIRCUIT BREAKER	SPACE	8KK-P-1
A B	SPACE	SPACE	SPACE	SPACE	SPACE
C D	SPACE	SPARE	SPACE	SPARE	SPACE
E F	PUMP SP-D-UH-5 MC-36610 FOR PUM36548	SPARE	SPARE	PUMP SP-D-HC-7 MC-36618 FOR PUM36549	SPACE
G H	EXHAUST FAN E-D-3 MC-36611 FOR EF-36542	EXHAUST FAN E-D-5 MC-36613 FOR EF-36540	EXHAUST FAN E-D-10 MC-36615 FOR EF-36545	SUPPLY FAN S-D-10 MC-36619 FOR AHU36535	EXHAUST FAN TE-D-3 MC-36622 FOR EF-36541
J K	SUPPLY FAN S-D-3 MC-36612 FOR AHU36531	SUPPLY FAN S-D-5 MC-36614 FOR AHU36532	EXHAUST FAN E-D-4 MC-36616 FOR EF-36543	EHAUST FAN E-D-7 MC-36620 FOR EF-36546	EXHAUST FAN 42" PROP. FAN MC-36623 FOR EF-36542A
L M			SUPPLY FAN S-D-4 MC-36617 FOR AHU36533	SUPPLY FAN S-D-7 MC-36621 FOR AHU36534	EXHAUST FAN E-D-12 MC-36624 FOR EF-36544

FRONT ELEVATION
MCC36504 (CITY-MCC-8HH-P)

1A SLD NC-5612 MCC36504 (CITY-MCC-8HH-P)
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CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
A member company of SH Group, Inc.

MILHOUSE

NOTES

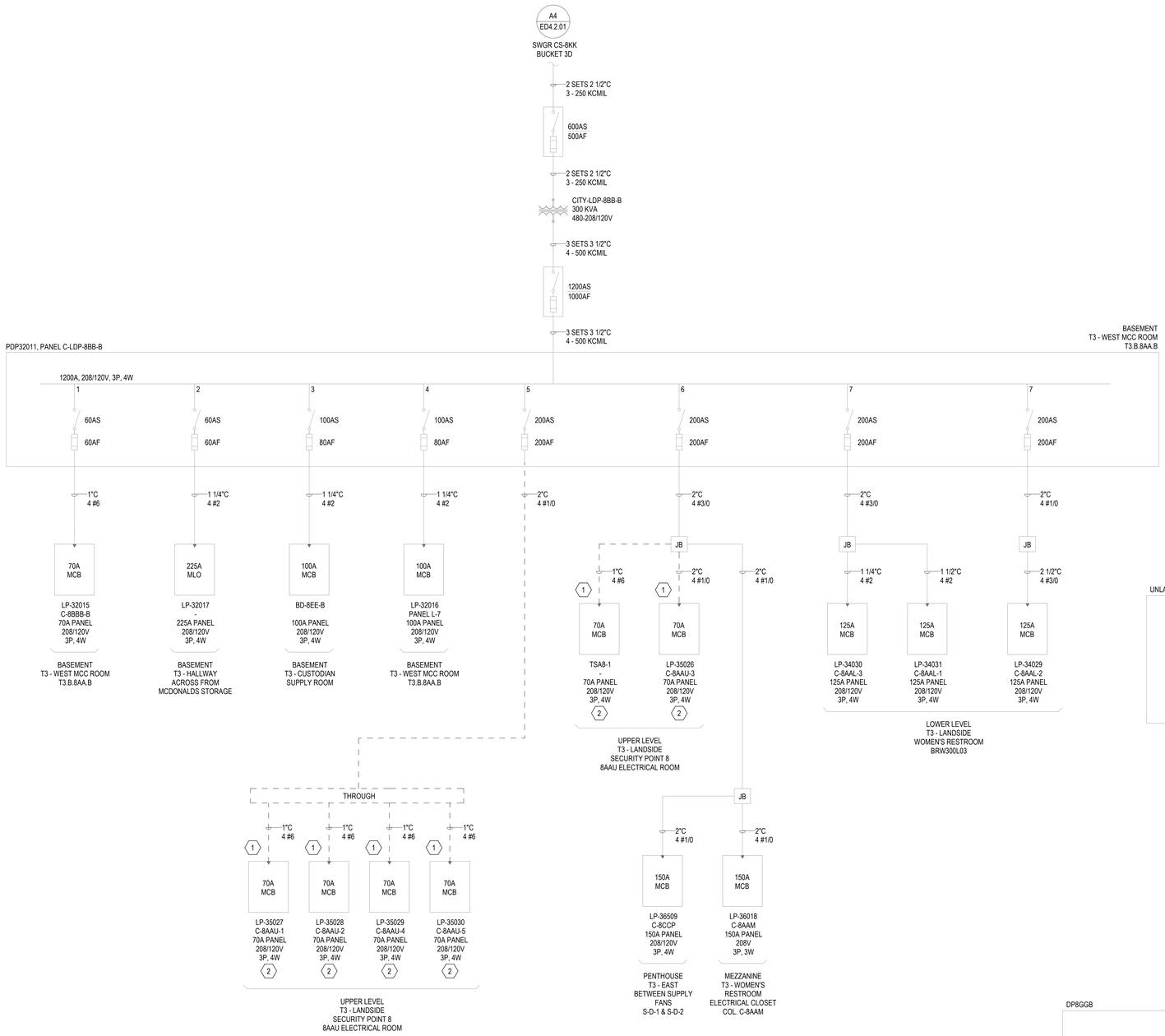
REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SLD NC-5612
MCC36504
(CITY-MCC-8HH-P)

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
ED4.2.05



3C SLD NC-5612 PDP32011 PANEL C-LDP-8BB-B
NTS

KEYED NOTES #

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3. ELEVATOR FEED TO BE VERIFIED IN FIELD. CIRCUIT MADE AVAILABLE FOR PROPOSED ELEVATOR BY REMOVAL OF EXISTING ELEVATOR.
4. DEMOLISH ELEVATOR CONTROLLER AND ASSOCIATED CONTROL DEVICES. DEMOLISH AND REMOVE CONTROL WIRING AND CONDUIT BACK TO SOURCE.
5. DEMOLISH RECEPTACLES, LIGHTING, SUMP PUMP, DISCONNECT, AND ASSOCIATED APPURTENANCES WITHIN ELEVATOR AREA BACK TO SOURCE.

GENERAL NOTES

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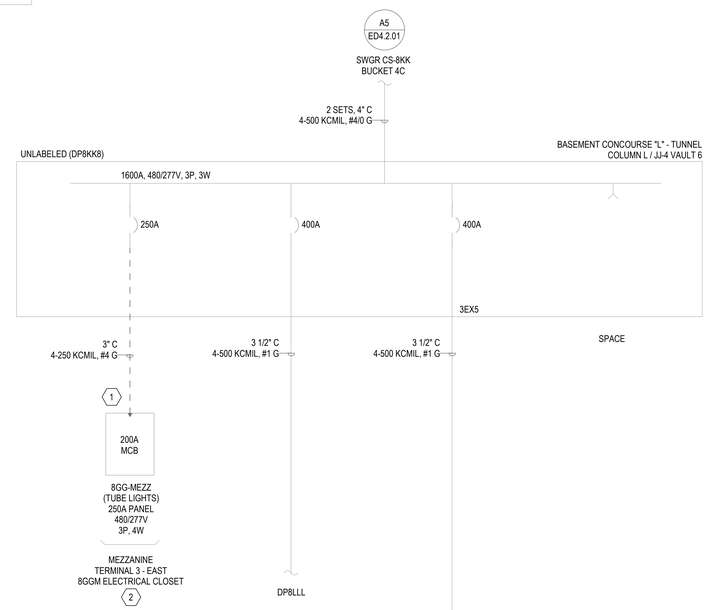

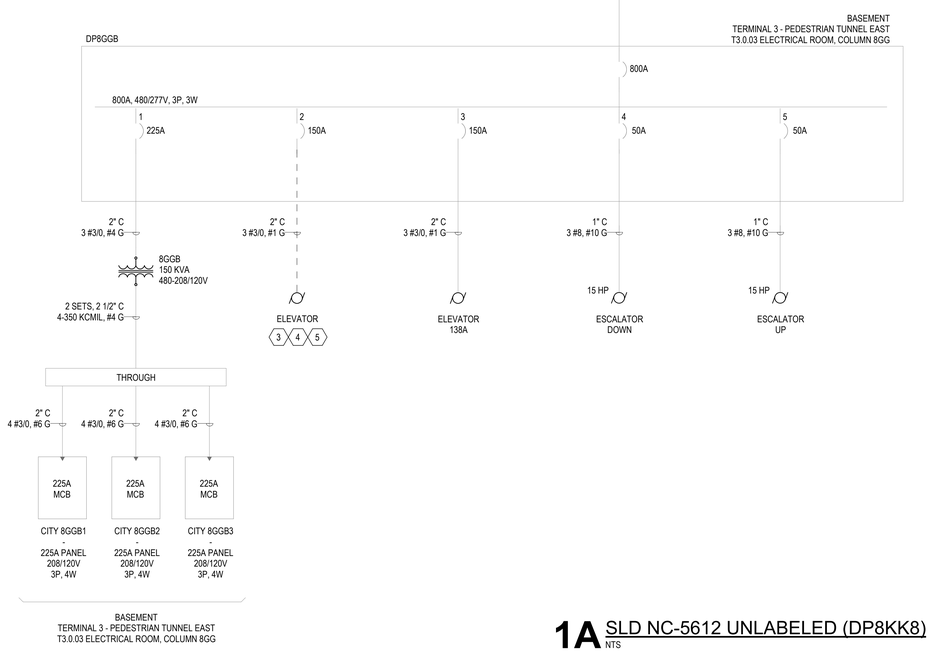

1A SLD NC-5612 UNLABELED (DP8KK8)
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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE	PACKAGE ISSUE DATE
60% DESIGN	**03/24/2023**
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DD	--

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SLD NC-5612 PDP32011 PANEL C-LP-8BB-B AND UNLABELED (DP8KK8)

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SHEET NUMBER VOLUME: **3**
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KEYED NOTES #

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3. CONTRACTOR IS TO DEMOLISH EXISTING PANEL, FEEDERS, CONDUITS SUPPORTS AND ASSOCIATED APPURTUENANCES FOR THE EXISTING EQUIPMENT BACK TO SOURCE.

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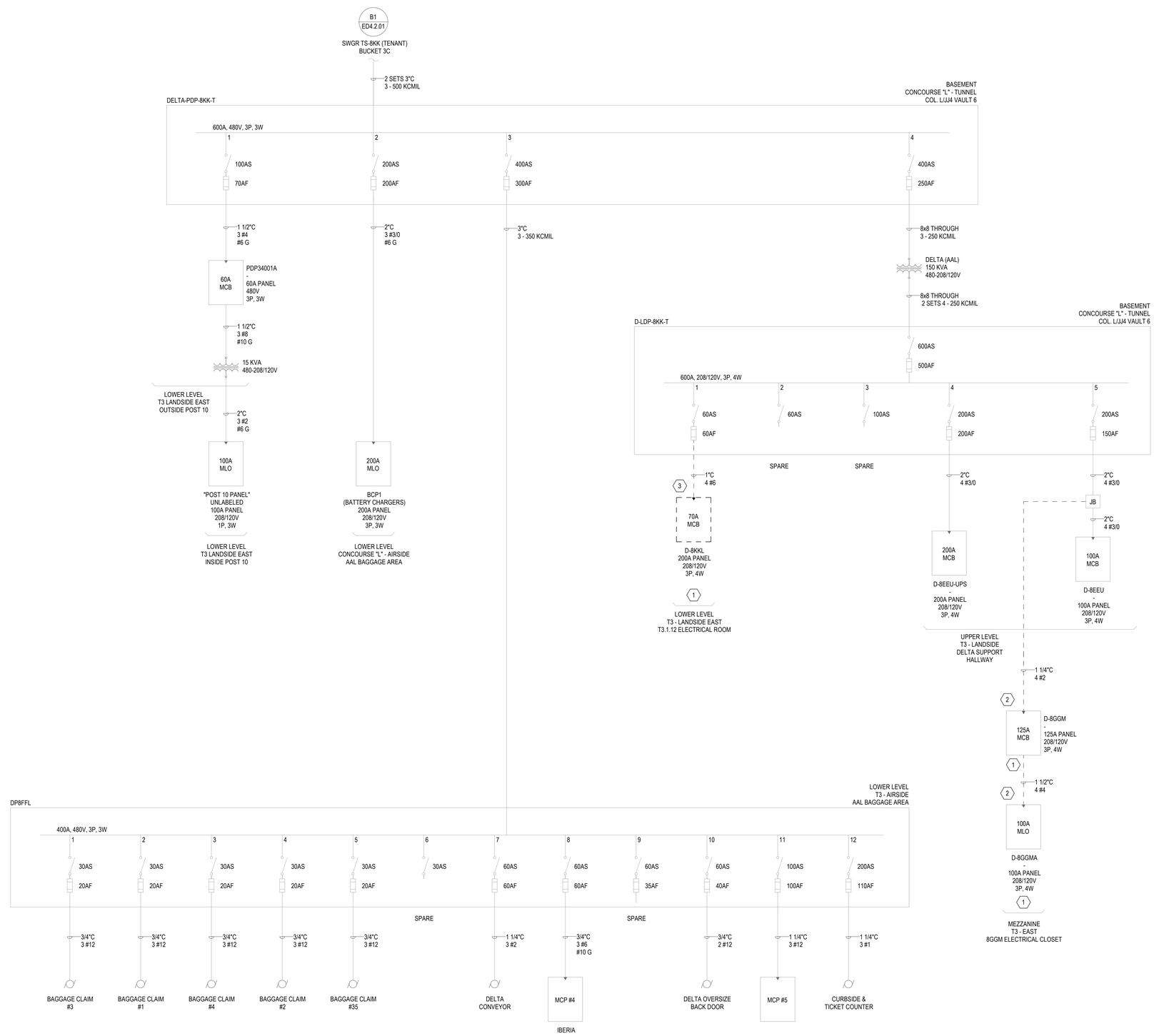

1A SLD NC-5612 DELTA-PDP-8KK-T
NTS

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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MILHOUSE

NOTES

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REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE: **C.O.C.A.002.01**

SLD NC-5612
DELTA-PDP-8KK-T

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SHEET NUMBER VOLUME: **3**
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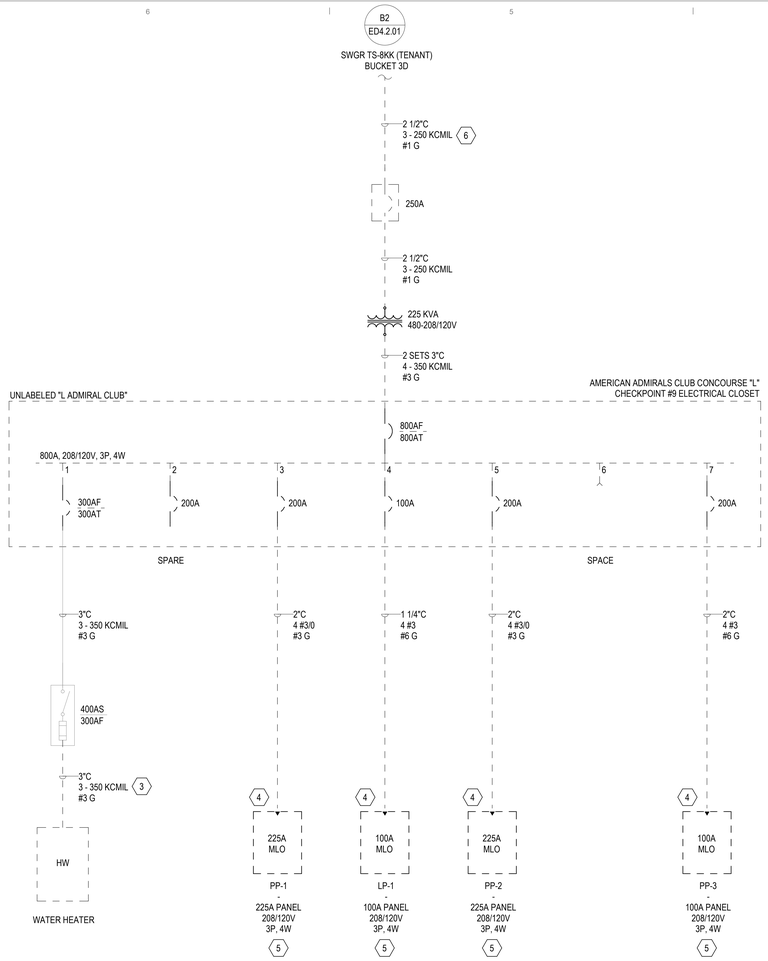
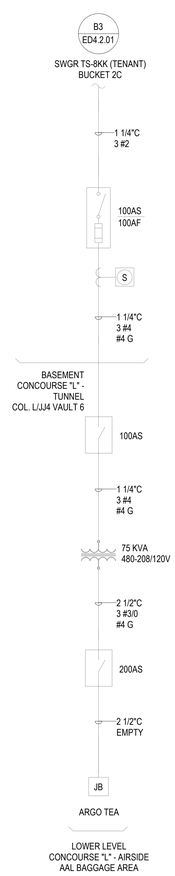
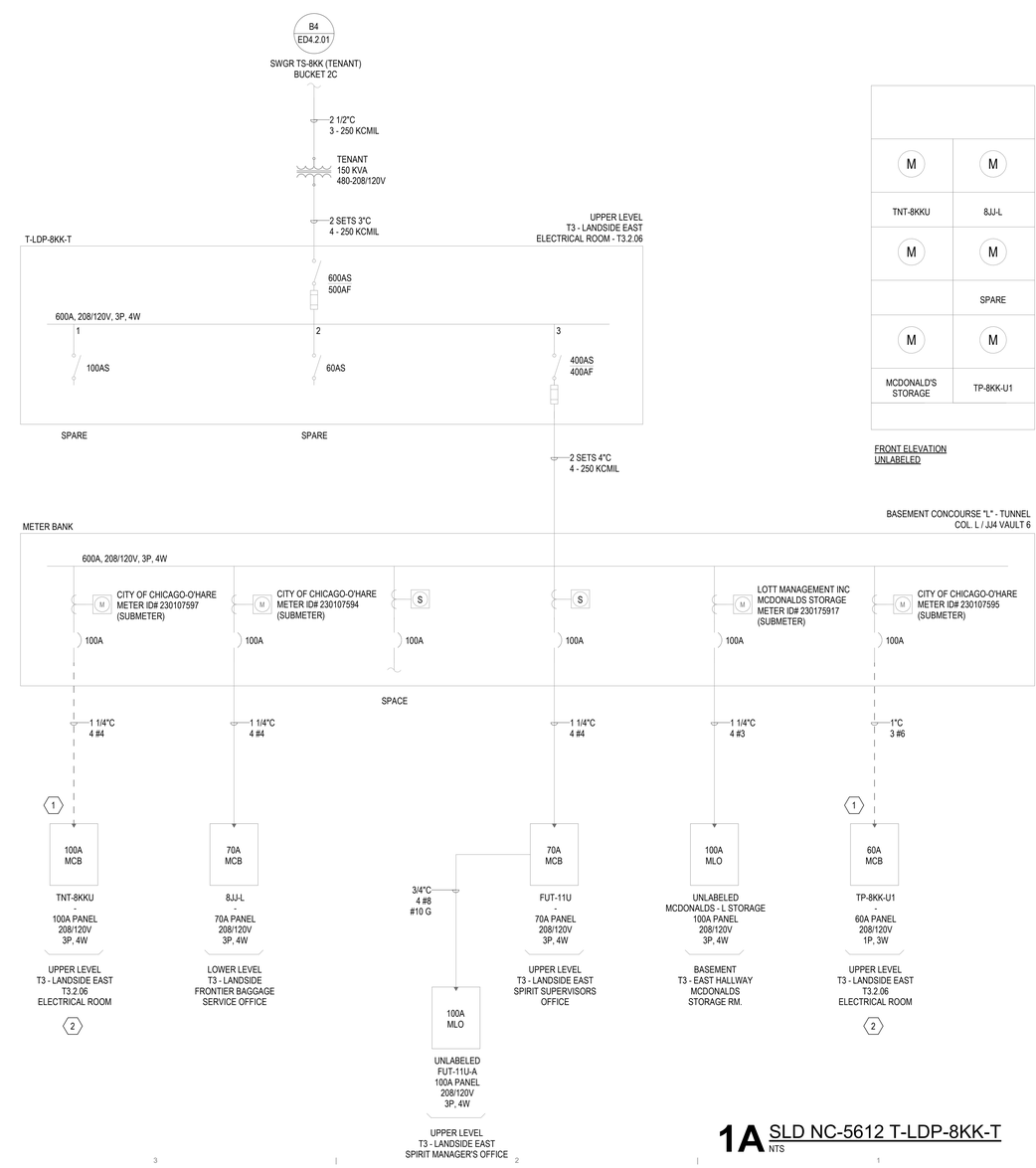


5C SLD NC-5612 UNLABELED "L ADMIRAL CLUB"

NTS





1A SLD NC-5612 T-LDP-8KK-T

NTS

KEYED NOTES #

1. CONTRACTOR IS TO DEMOLISH EXISTING FEEDERS, CONDUITS, CONDUCTORS, SUPPORTS, AND ASSOCIATED APPURTENANCES FOR THE EXISTING EQUIPMENT BACK TO SOURCE.
2. CONTRACTOR IS TO INTERCEPT EXISTING CONDUITS AND OR BRANCH CIRCUIT WIRING FOR RELOCATION. EXTEND BRANCH CIRCUIT WIRES WHERE POSSIBLE, PROVIDE NEW AS REQUIRED.
3. CONTRACTOR TO RE-LOCATE WATER HEATER. RE-ROUTE FEEDERS, CONDUITS, CONDUCTORS, SUPPORTS, AND ASSOCIATED APPURTENANCES FOR THE EXISTING EQUIPMENT BACK TO SOURCE.
4. CONTRACTOR IS TO DEMOLISH EXISITNG PANEL, FEEDERS, CONDUITS, CONDUCTORS, SUPPORTS, AND ASSOCIATED APPURTENANCES FOR THE EXISTING EQUIPMENT BACK TO SOURCE.
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6. CONTRACTOR TO DEMOLISH CONDUIT, FEEDERS, DISCONNECT, TRANSFORMER, DISTRIBUTION PANEL, AND ASSOCIATED APPURTENANCES BACK TO SOURCE.

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FRONT ELEVATION
UNLABELED

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MILHOUSE

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REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SLD NC-5612 UNLABELED "L ADMIRAL CLUB" AND T-LDP-8KK-T

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
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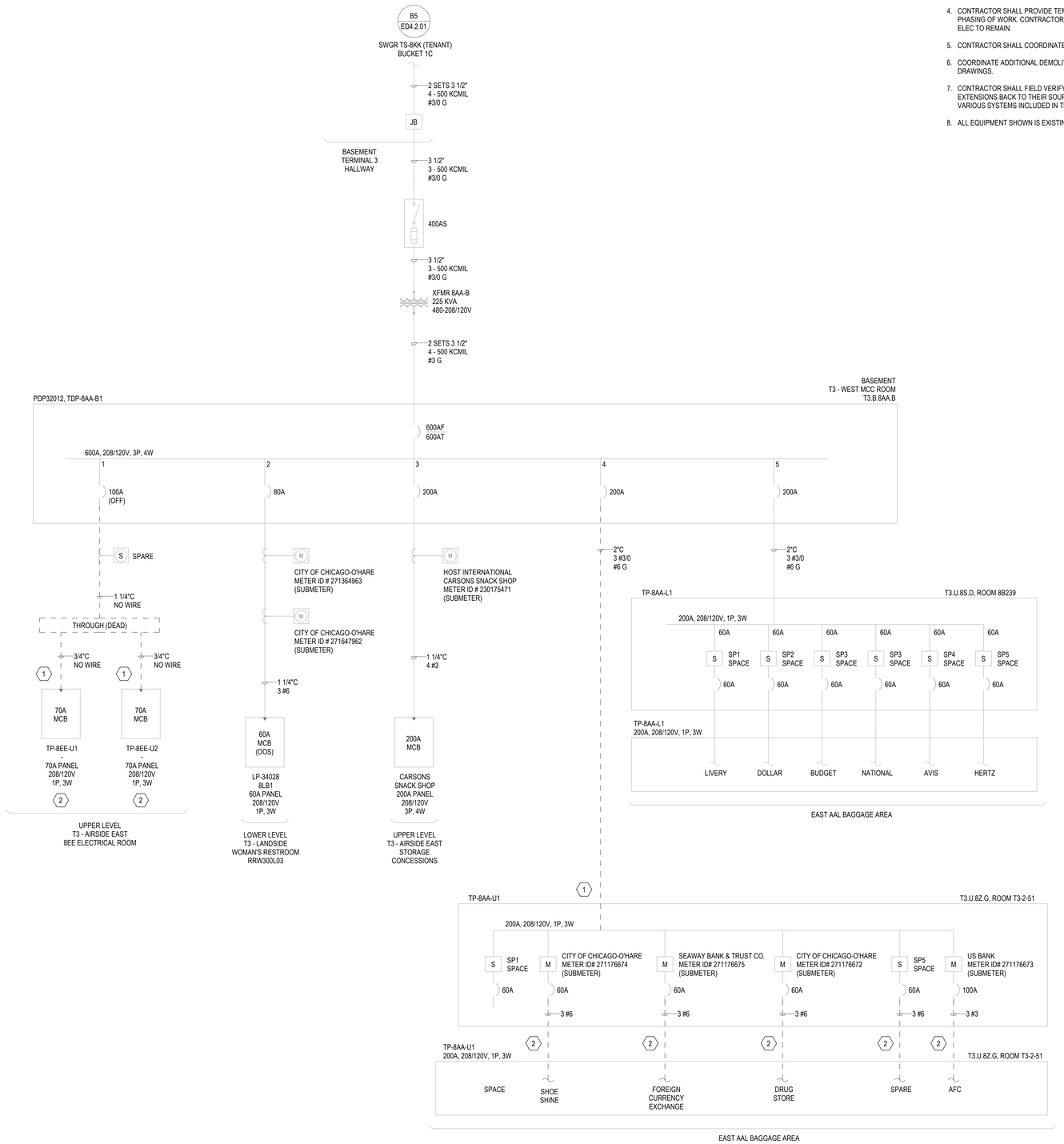

1A SLD NC-5612 PDP32012
NTS

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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MILHOUSE

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
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CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SLD NC-5612 PDP32012, TDP-8AA-B1

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
ED4.2.09

3/20/2023 12:47:35 AM

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KEYED NOTES #

1 EXISTING JUNCTION BOX FOR PASSENGER BOARDING BRIDGE (PBB) POWER, PRECONDITIONED AIR, GROUND POWER FEEDS AND EQUIPMENT CONNECTIONS TO BE DEMOLISHED. CONTRACTOR IS TO DEMOLISH THE EXISTING CONDUITS AND CONDUCTORS TO THE EXTENT REQUIRED FOR RE-USE ON THE RELOCCATED BOARDING BRIDGES. EXISTING CONDUITS MAY BE RE-USED TO THE EXTENT POSSIBLE FOR PROPOSED RELOCATED BRIDGE CONNECTIONS. PROPOSED INFRASTRUCTURE TO BE INSTALLED IN PARALLEL AS TO ALLOW FOR A CUTOVER TO BE COORDINATED WITH THE CMR. CONTRACTOR TO INCLUDE DEMO OF POWER TO EXISTING HVAC UNITS SERVING FIXED PORTION OF THE BRIDGE.

GENERAL NOTES

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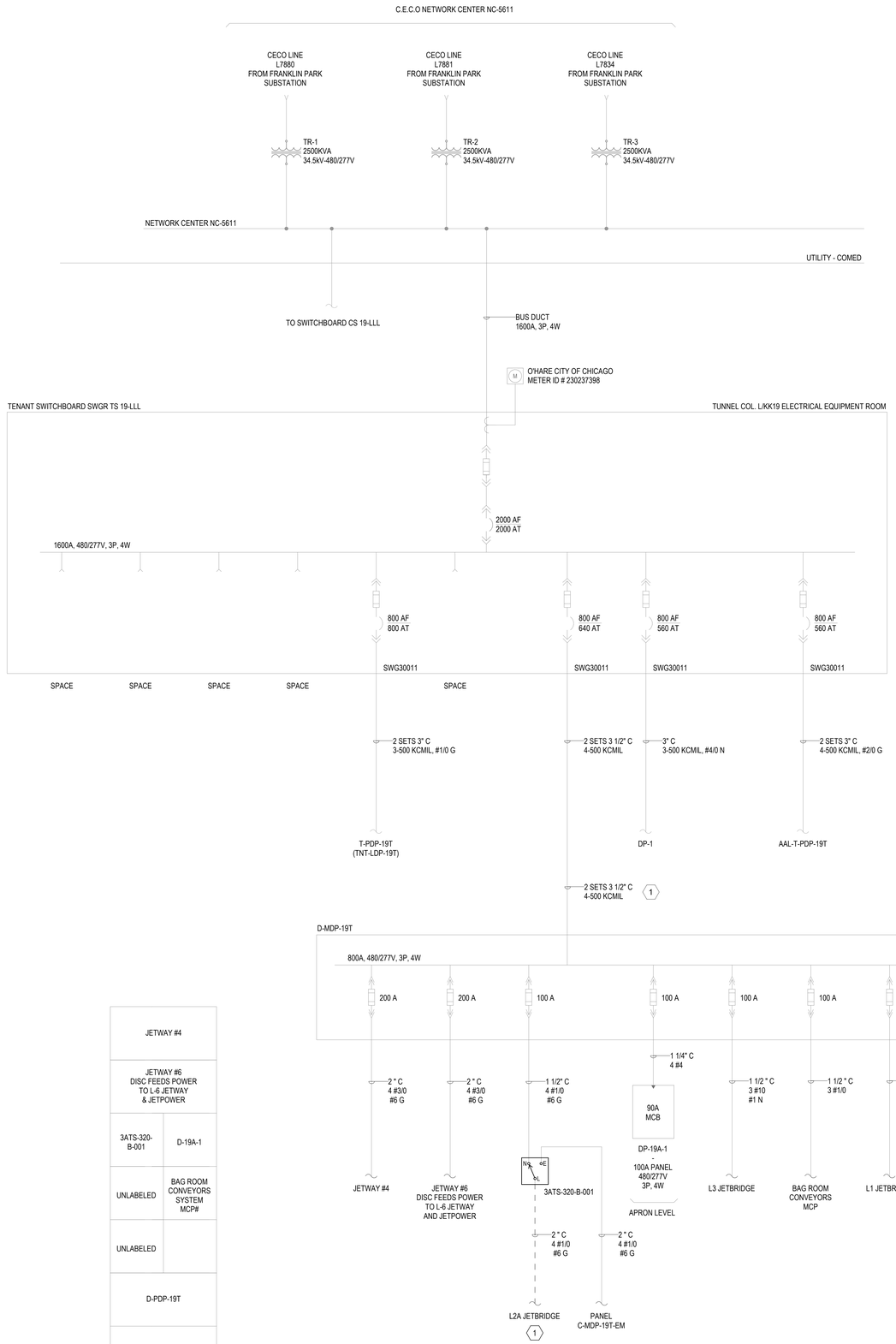

SPACE	SPACE	SPACE
SERVICE DISCONNECT SWGR TS 19-LLL		DELTA D-MDP-19T
SPACE		MCDONALDS-L 300KVA XFMR PENTHOUSE 800A/400AT 480V, 3P, 4W
SPACE	T-PDP-19 (TNT-LDP-19T)	AAL-T-PDP-19T 800A PLO 277/480V

FRONT ELEVATION
TENANT SWITCHGEAR TS 19-LLL

JETWAY #4	
JETWAY #6 DISC FEEDS POWER TO L-6 JETWAY & JETPOWER	
3ATS-320-B-001	D-19A-1
UNLABELED	BAG ROOM CONVEYORS SYSTEM MCP#
UNLABELED	
D-PDP-19T	
SPACE	

PANEL D-MDP-19T
480/277V

1A SLD NC-5611 TENANT SWITCHBOARD SWGR. TS-19-LLL
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SLD NC-5611 TENANT SWGR TS-19-LLL AND D-MDP-19T

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER **ED4.2.10** VOLUME: **3**

3/20/2023 12:47:45 AM

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KEYED NOTES #

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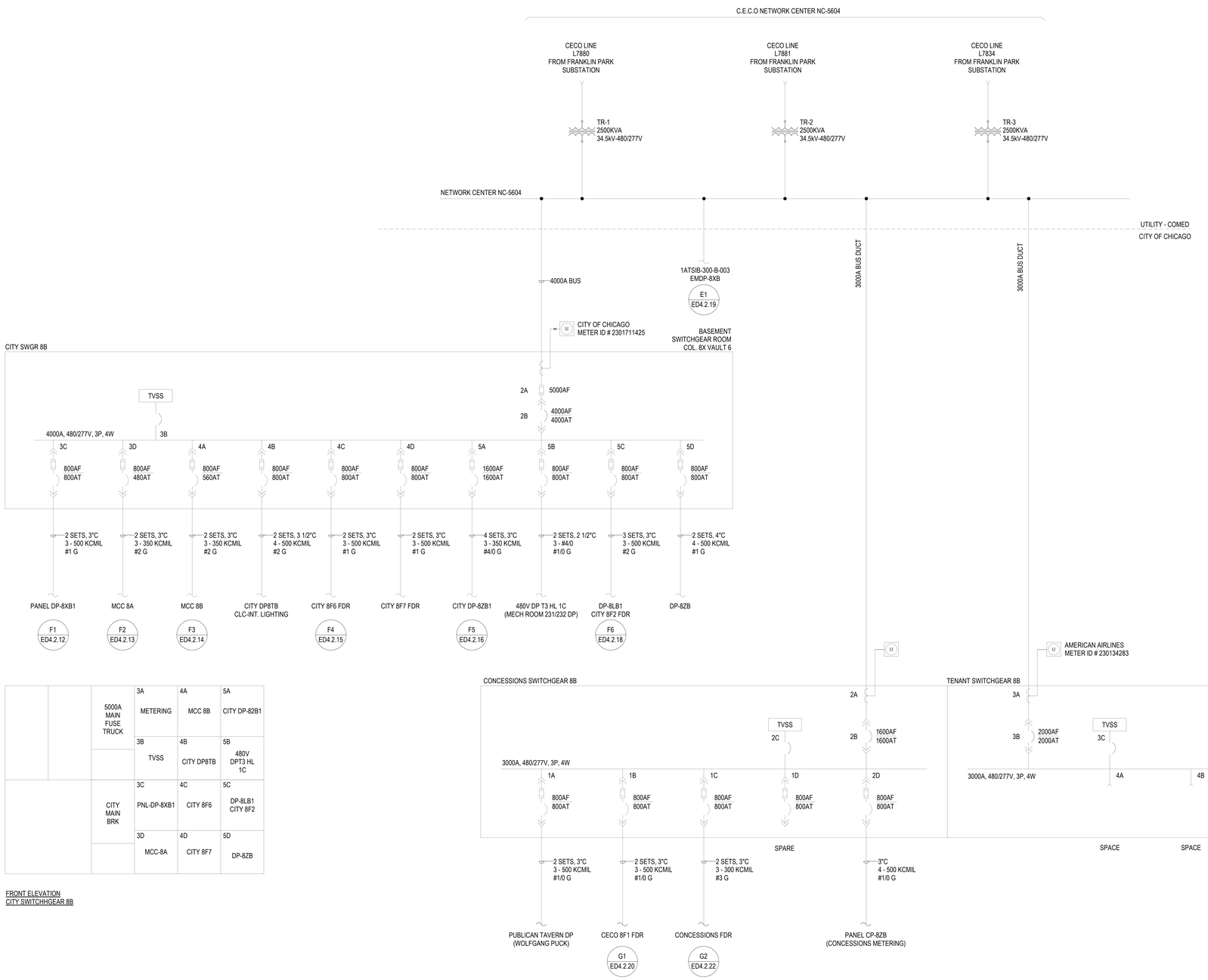
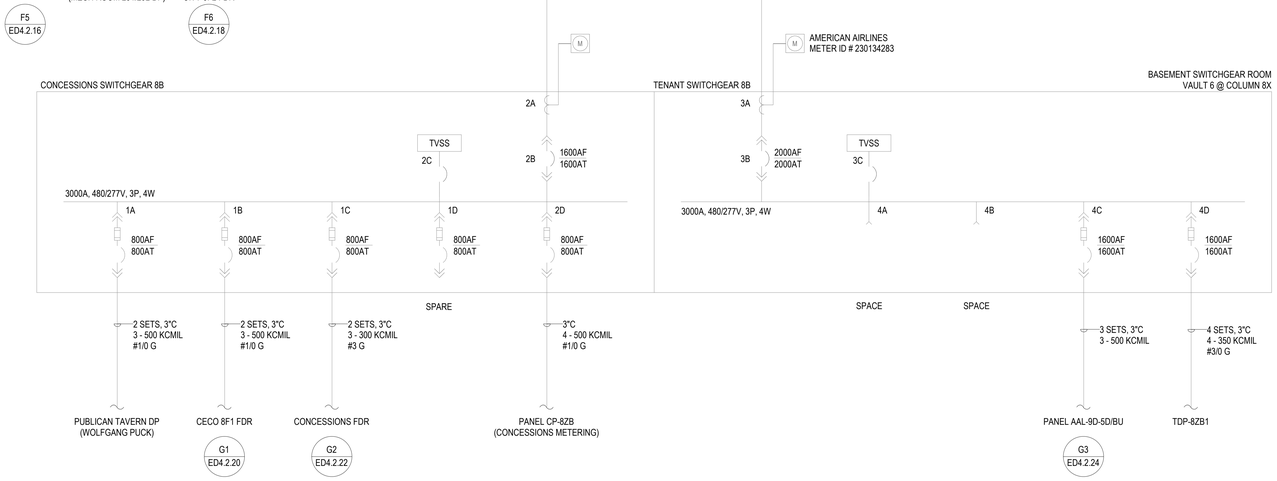


		5000A MAIN FUSE TRUCK	3A METERING	4A MCC 8B	5A CITY DP-82B1
			3B TVSS	4B CITY DP8TB	5B 480V DPT3 HL 1C
		CITY MAIN BRK	3C PNL-DP-8XB1	4C CITY 8F6	5C DP-8LB1 CITY 8F2
			3D MCC-8A	4D CITY 8F7	5D DP-8ZB

FRONT ELEVATION
CITY SWITCHGEAR 8B



1A PUBLICAN TAVERN DP	2A METERING		3A METERING	4A SPACE
1B CECO 8F1 FDR	2B MAIN BREAKER CONCESSIONS		3B MAIN BREAKER TENANT	4B SPACE
1C CONCESSIONS FDR	2C TVSS			4C PANEL AAL-9D-5D/BU
1D SPARE	2D PANEL CP-8ZB		3C TVSS	4D TDP-8ZB1

FRONT ELEVATION
CONCESSIONS / TENANT SWITCHGEAR 8B

1A SLD NC-5604 CITY SWGR 8B AND CONCESSION / TENANT SWGR 8B
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SLD NC-5604 CITY SWGR 8B AND CONCESSION / TENANT SWGR 8B

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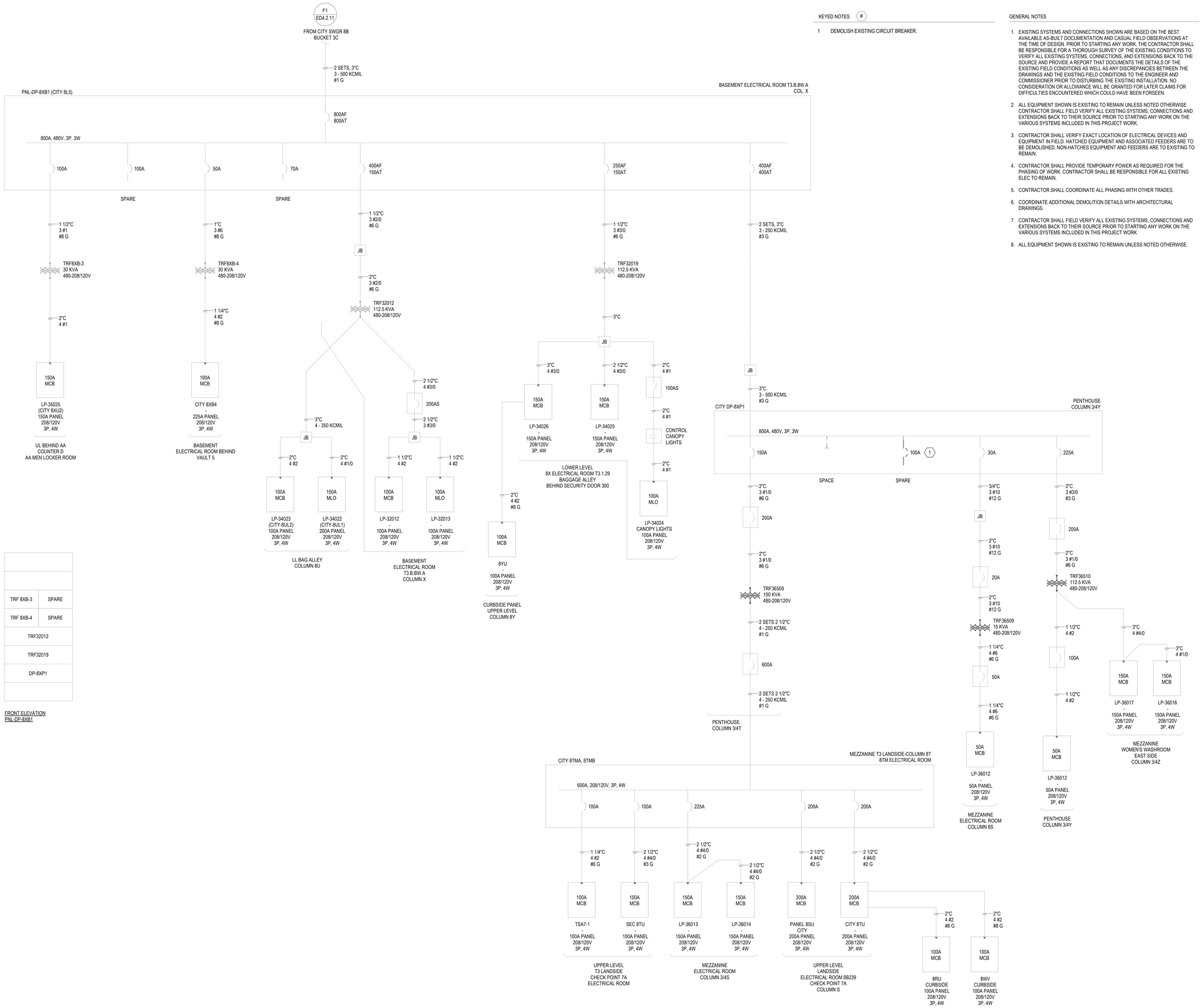

TRF 8XB-3	SPARE
TRF 8XB-4	SPARE
TRF32012	
TRF32019	
DP-8XP1	

FRONT ELEVATION
PNL-DP-8XB1

KEYED NOTES #

1 DEMOLISH EXISTING CIRCUIT BREAKER.

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SLD NC-5604 PNL-DP-8XB1 (CITY 8L5) AND CITY DP-8XP1

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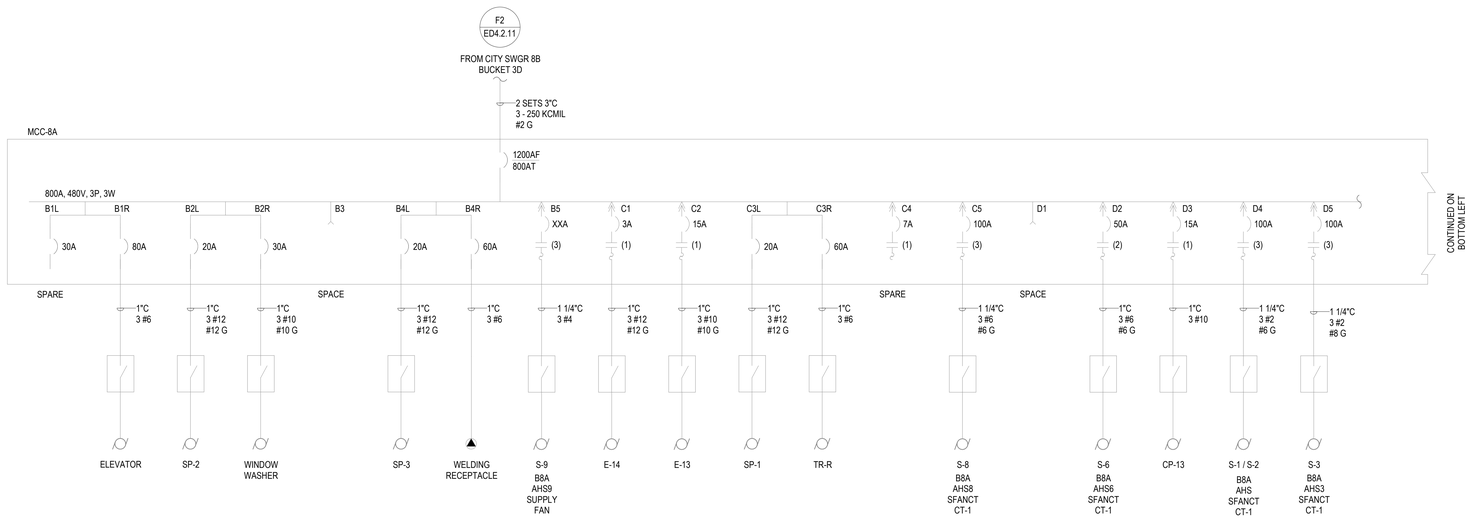

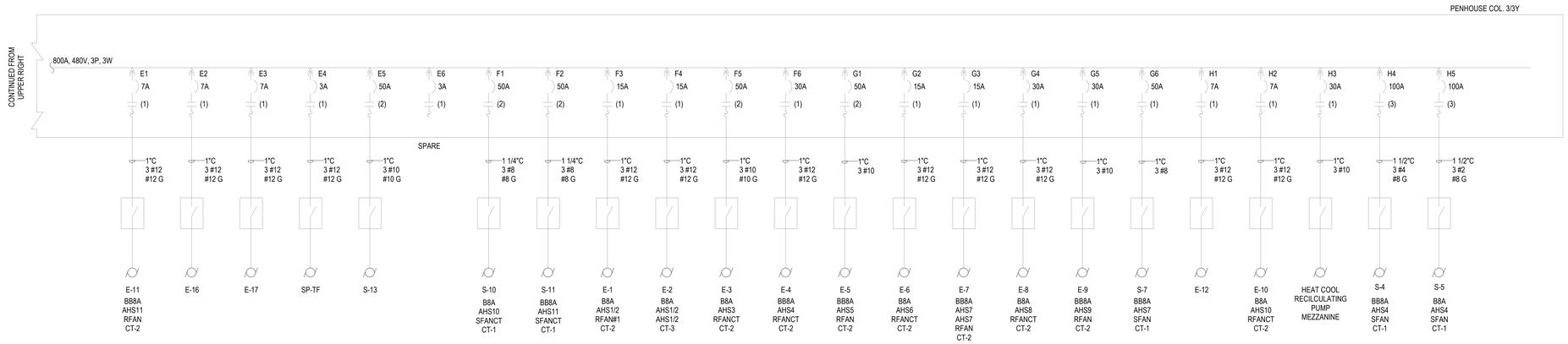

MCC - 8A

MAIN BREAKER 800 A	B1L SPARE	B1R ELEV.	C1 E-14		D1 SPACE	E1 E-11 BB8A AHS11 RFAN CT-2		F1 S-10 B8A AHS10 SFANCT CT-1		G1 E-5 BB8A AHS5 RFAN CT-2		H1 E-12					
	B2L SP-2	B2R WIND. WASH.	C2 E-13		D2 S-6 B8A AHS6 SFANCT CT-1	E2 E-16		F2 S-11 BB8A AHS11 SFAN CT-1		G2 E-6 B8A AHS6 RFANCT CT-2		H2 E-10 B8A AHS10 RFANCT CT-2					
	B3 SPACE		C3L SP-1	C3R TR-R	D3 CP-13	E3 E-17		F3 E-1 B8A AHS1/2 RFAN#1 CT-2		G3 E-7 BB8A AHS7 RFAN CT-2		H3 RECIRC. PUMP					
	B4L SP-3	B4R WELD. RCPT.	C4 SPARE		D4 S-1 / S-2 B8A AHS SFANCT CT-1	E4 SP-TF		F4 E-2 B8A AHS1/2 RFAN#1 CT-3		G4 E-8 BB8A AHS8 RFANCT CT-2		H4 S-4 BB8A AHS4 SFAN CT-1					
	B5 S-9 B8A AHS9 SUPPLY FAN		C5 S-8 B8A AHS3 SFANCT CT-1			E5 S-13		F5 E-3 B8A AHS3 RFANCT CT-2		G5 E-9 BB8A AHS9 RFAN CT-2							
					D5 S-3 B8A AHS3 SFANCT CT-1	E6 SPARE		F6 E-4 BB8A AHS4 RFANCT CT-2		G6 S-7 BB8A AHS7 SFAN CT-1		H5 S-5 BB8A AHS4 SFAN CT-1					

FRONT ELEVATION
MOTOR CONTROL CENTER MCC-8A

1A SLD NC-5604 MCC-8A
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SLD NC-5604 MCC-8A

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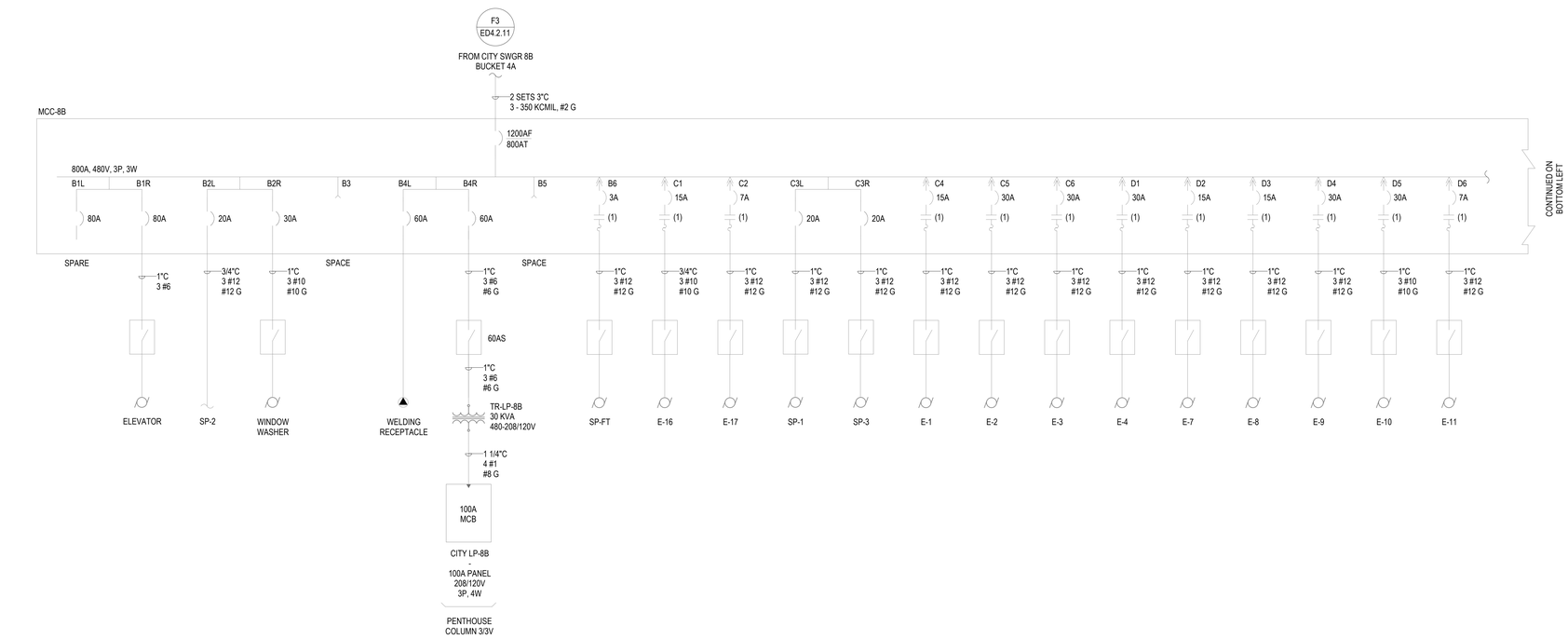

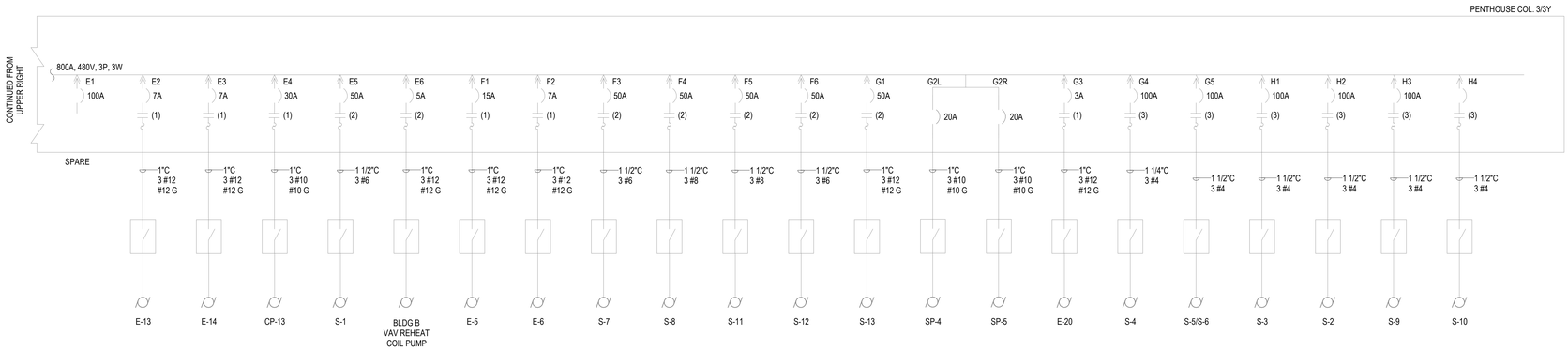

MCC - 8B

MAIN BREAKER 800 A	B1L SPARE	B1R ELEV.	C1 E-16	D1 E-4	E1 SPARE	F1 E-5	G1 S-13	H1 S-3
	B2L SP-2	B2R WIND. WASH.	C2 E-17	D2 E-7	E2 E-13	F2 E-6	G2L SP-4 / G2R SP-5	H2 S-2
	B3 SPACE		C3L SP-1 / C3R SP-3	D3 E-8	E3 E-14	F3 S-7	G3 E-20	
	B4L WELD RCPT.	B4R TR-R	C4 E-1	D4 E-9	E4 CP-13	F4 S-8	G4 S-4	H3 S-9
	B5 SPARE		C5 E-2	D5 E-10	E5 S-1	F5 S-11	G5 S-5 / S-6	H4 S-10
	B6 SP-FT		C6 E-3	D6 E-11	E6 BLDG B VAV REHEAT COIL PUMP	F6 S-12		

FRONT ELEVATION
MOTOR CONTROL CENTER MCC-8B

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MILHOUSE

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SLD NC-5604
MCC-8B

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER VOLUME: **3**
ED4.2.14

3/22/2023 3:15:06 PM

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KEYED NOTES #

GENERAL NOTES

1. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
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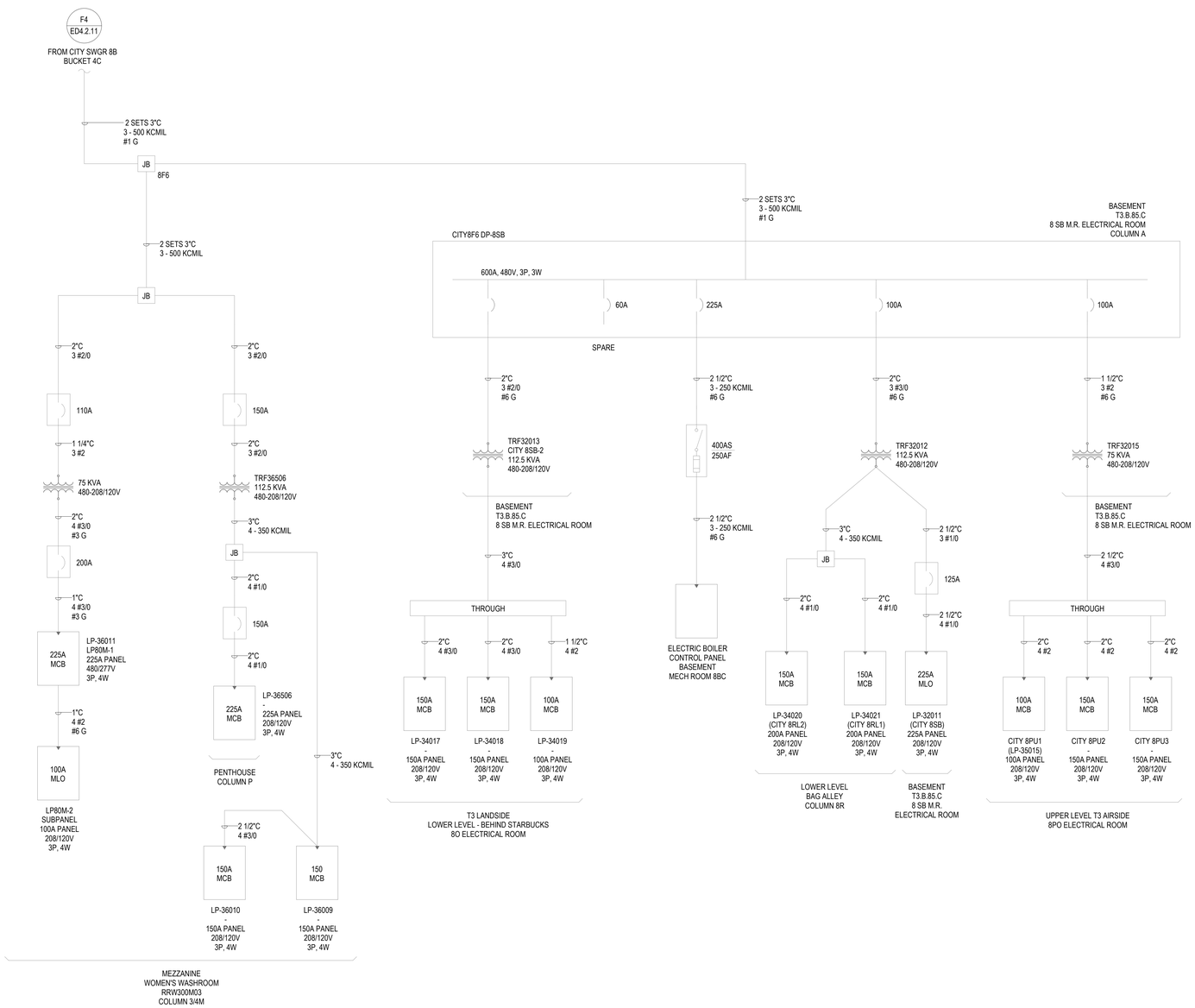

CITY 8SB-2	
SPARE	ELEC. BOILER MECH RM 8BC
TRF 32012	TRF 32015

FRONT ELEVATION
CITY 8F6 DP-8SB

1A SLD NC-5604 CITY 8F6 DP-8SB
NTS

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

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SLD NC-5604 CITY 8F6 DP-8SB

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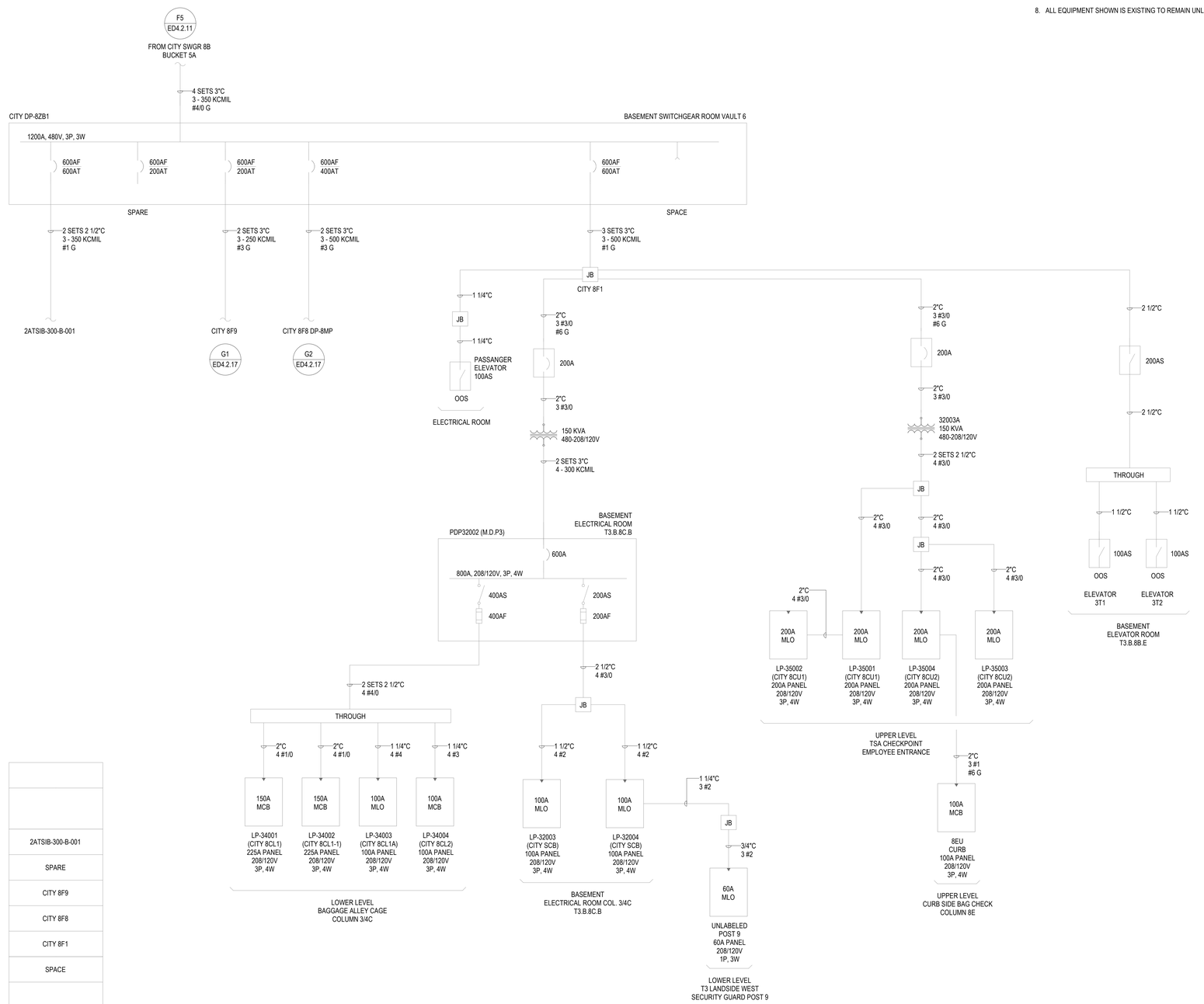

FRONT ELEVATION
CITY DP-8ZB1

1A SLD NC-5604 CITY DP-8ZB1
NTS

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

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SLD NC-5604 CITY DP-8ZB1

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

ED4.2.16

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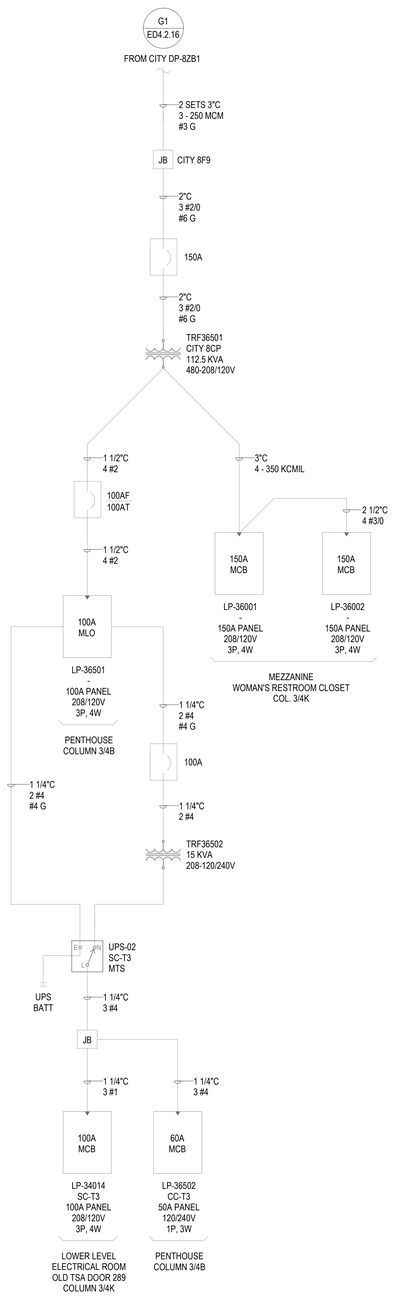
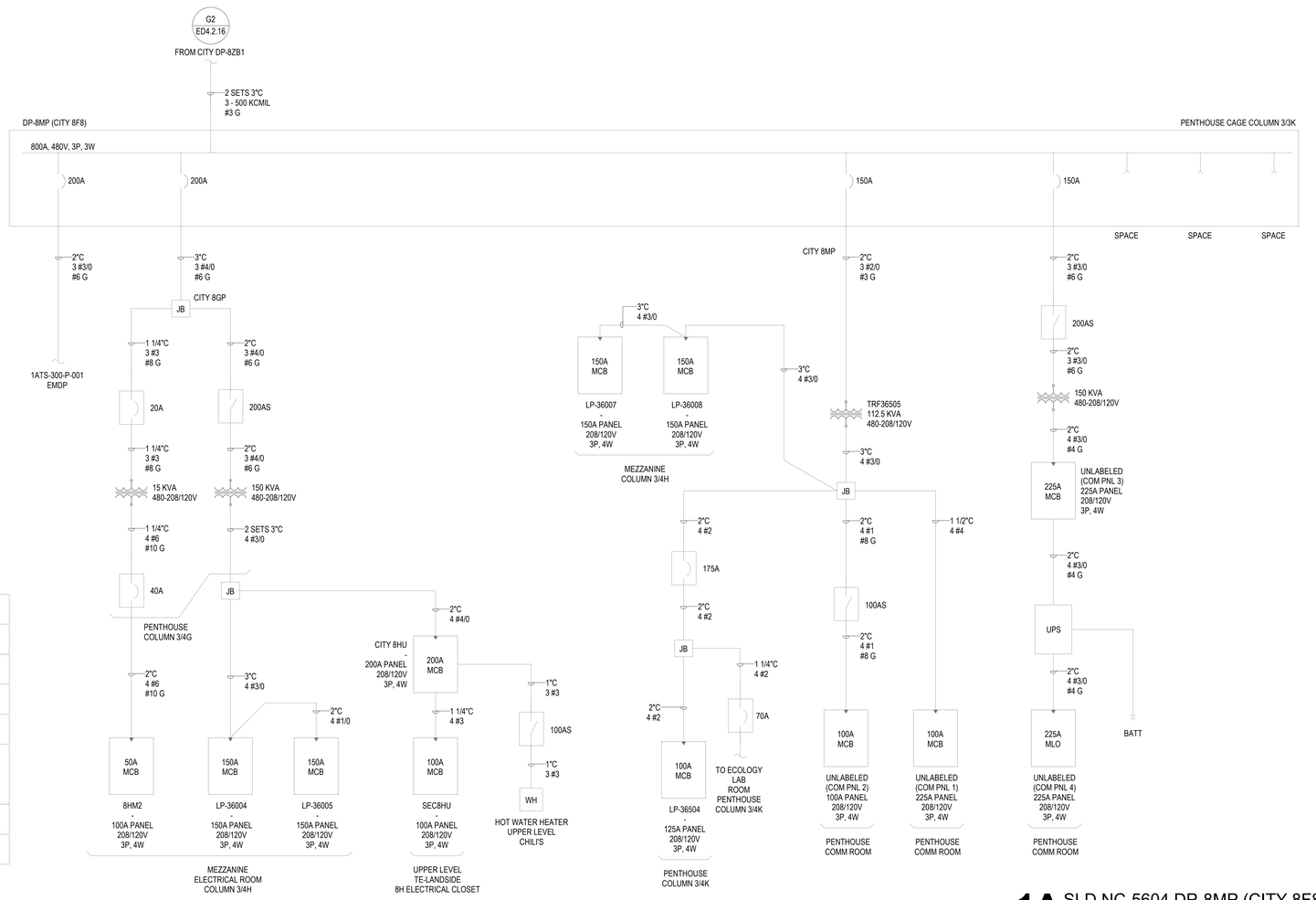


6A SLD NC-5604 CITY 8F9 FEEDERS
NTS



EMDP	CITY 8GP
CITY 8MP	UPS
SPACE	
SPACE	
SPACE	

FRONT ELEVATION
DP-8MP (CITY 8F8)

1A SLD NC-5604 DP-8MP (CITY 8F8)
NTS

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CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
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SLD NC-5604 DP-8MP (CITY 8F8) AND 8F9 FEEDERS

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER VOLUME: **3**
ED4.2.17

KEYED NOTES #

1 CONTRACTOR TO DEMOLISH AND RE-LOCATE EXISTING PANELS ALONG WITH CONDUITS, CONDUCTORS, HANGERS, SUPPORTS, AND ASSOCIATED APPURTENANCES BACK TO NEAREST JUNCTION BOX. INTERCEPT AND EXTEND CONDUIT AND CONDUCTORS TO NEW LOACTION OF PANELS AS REQUIRED.

GENERAL NOTES

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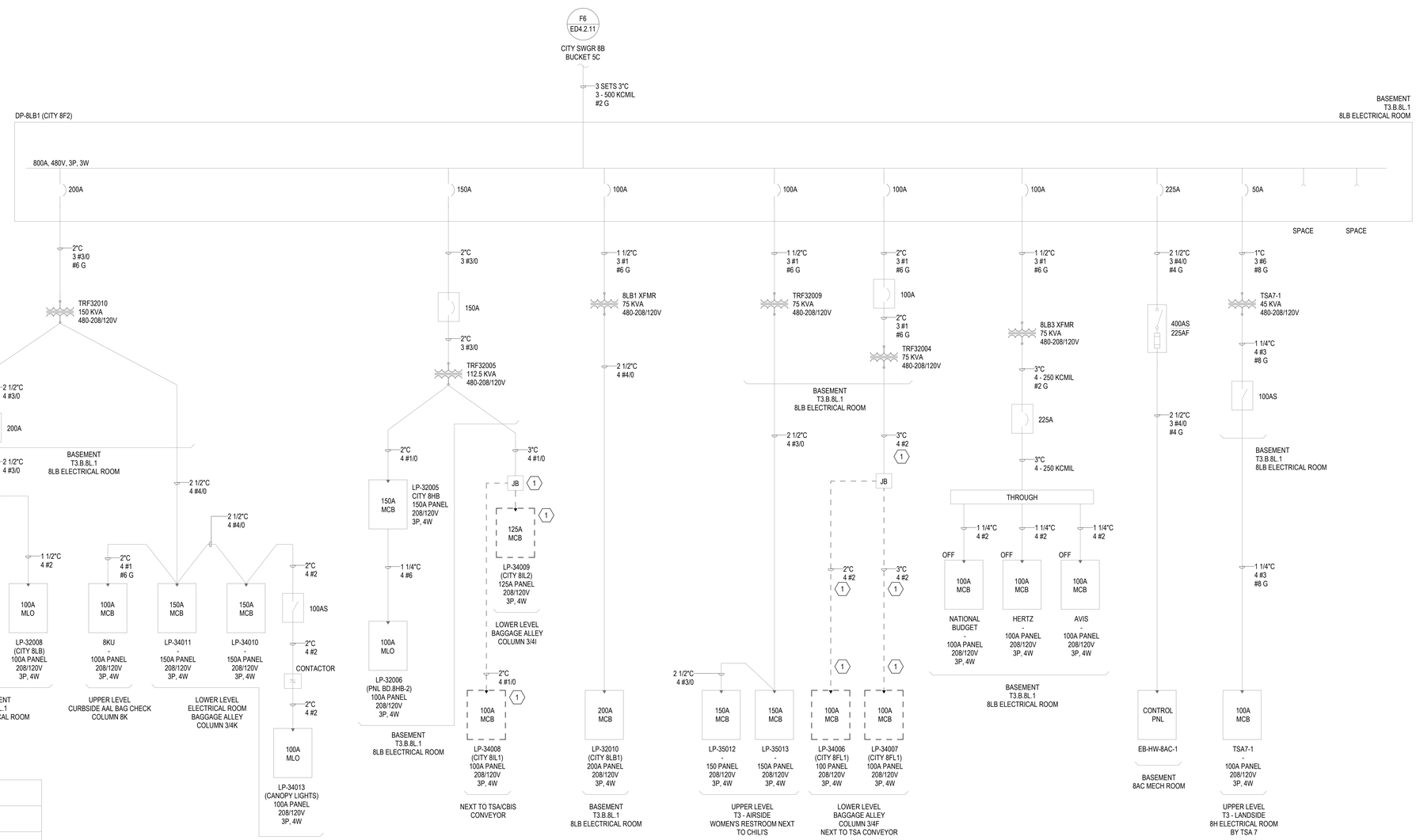

TRF32010	TRF32005
8LB1 XFMR	TRF32009
TRF32004	8LB3 XFMR
EB-HW-8AC-1	TSA7-1
SPACE	
SPACE	

FRONT ELEVATION
DP-8LB1 (CITY 8F2)

1A SLD NC-5604 DP-8LB1 (CITY 8F2)
NTS

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CDA Chicago Department of Aviation

CITY OF CHICAGO
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DP-8LB1 (CITY 8F2)

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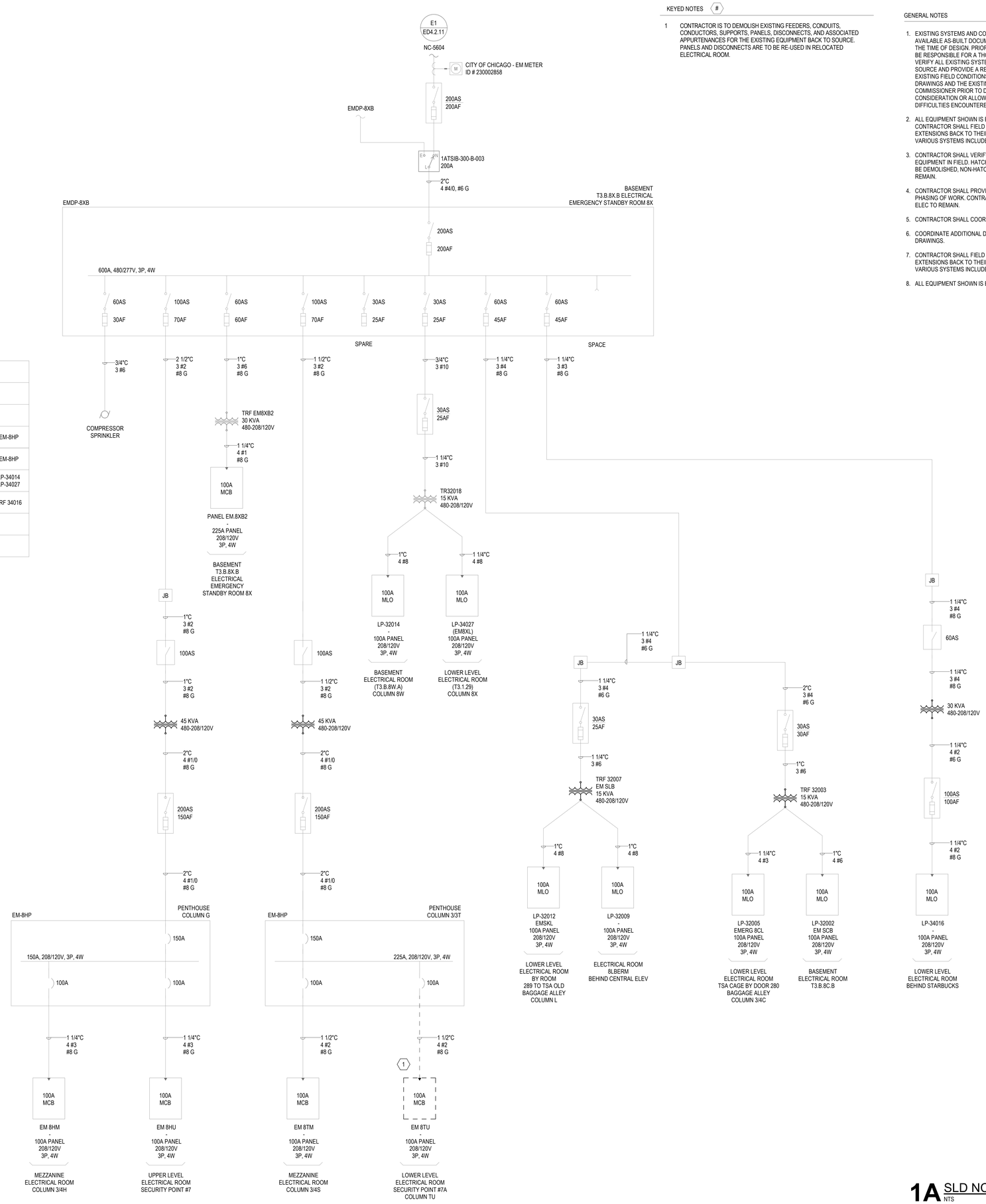

MAIN	
COMPRESSOR SPRINKLER	EM-8HP
PANEL EM.8XB2	EM-8HP
SPARE	LP-34014 LP-34027
TRF 32007 TRF 3203	TRF 34016
SPARE	

FRONT ELEVATION
EMDP-8XB

KEYED NOTES #

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CHICAGO DEPARTMENT OF AVIATION
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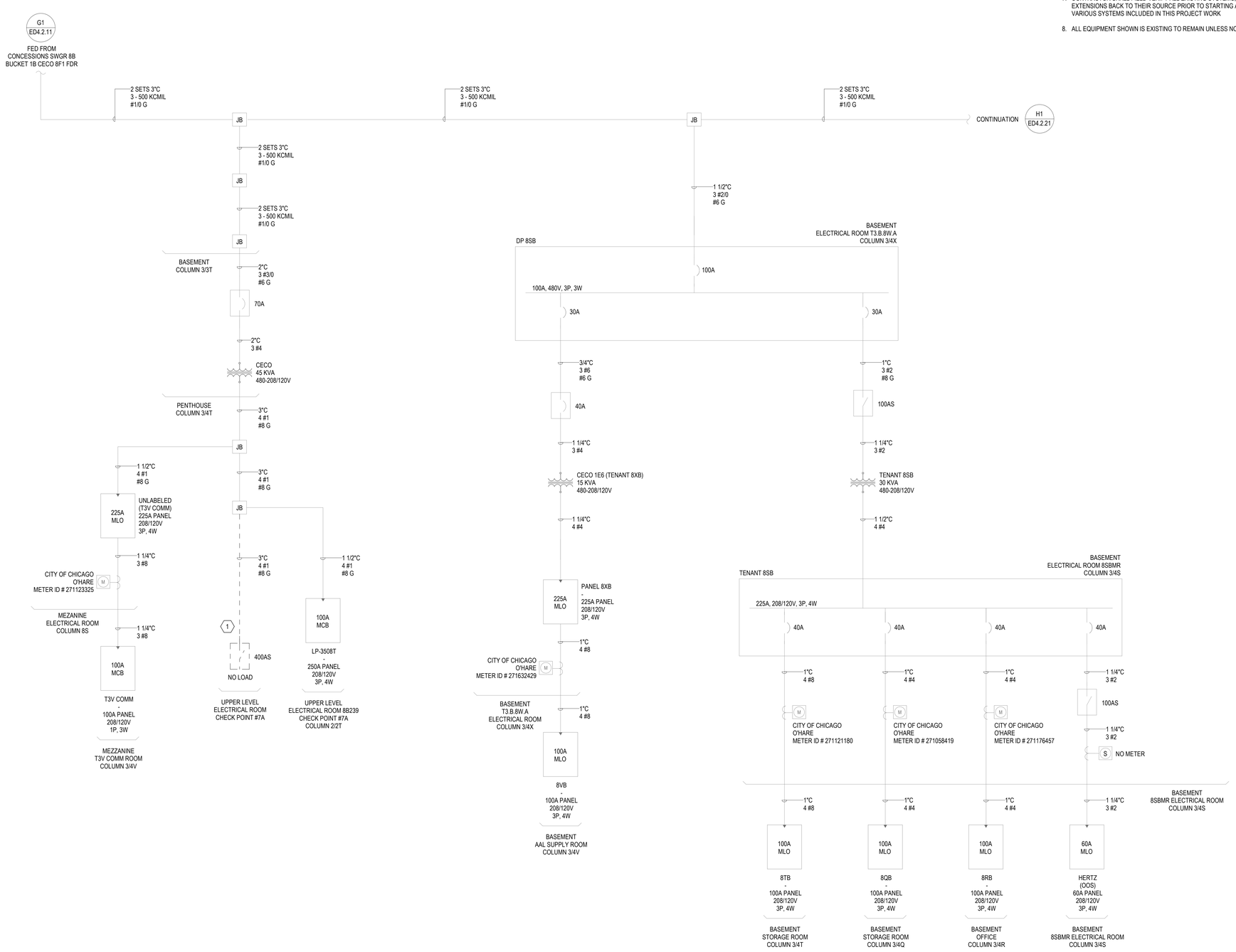

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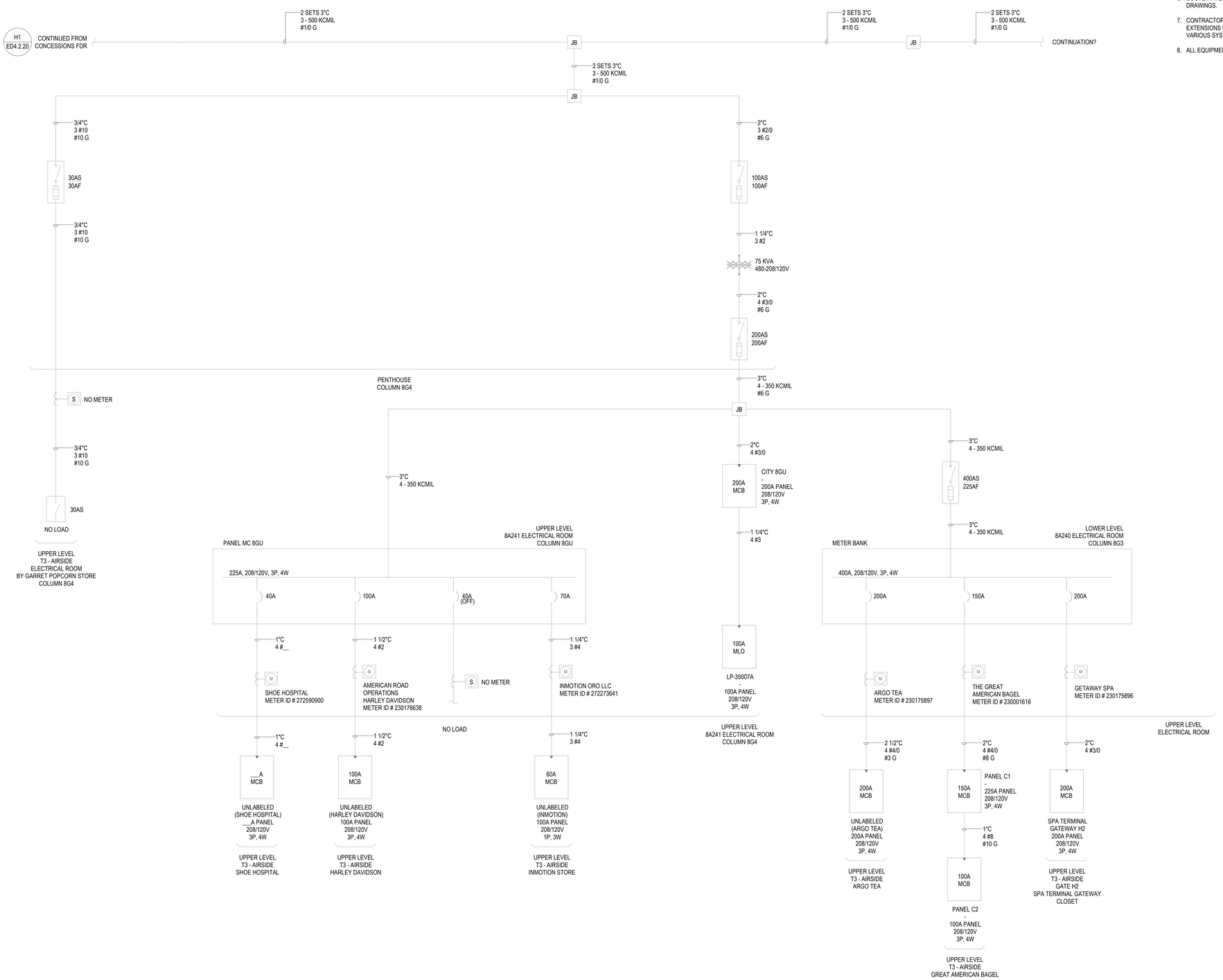

1A SLD NC-5604 PANEL MC 8GU
NTS

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MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudiORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
A member company of SH Group, Inc.

MILHOUSE

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SLD NC-5604 PANEL MC 8GU

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

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KEYED NOTES #

1 CONTRACTOR IS TO DEMOLISH EXISTING FEEDERS, CONDUITS, CONDUCTORS, SUPPORTS, PANELS, DISCONNECTS, AND ASSOCIATED APPURTENANCES FOR THE EXISTING EQUIPMENT BACK TO SOURCE. PANELS AND DISCONNECTS ARE TO BE RE-USED IN RELOCATED ELECTRICAL ROOM.

GENERAL NOTES

1. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
2. ALL EQUIPMENT SHOWN IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
3. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ELECTRICAL DEVICES AND EQUIPMENT IN FIELD. HATCHED EQUIPMENT AND ASSOCIATED FEEDERS ARE TO BE DEMOLISHED, NON-HATCHES EQUIPMENT AND FEEDERS ARE TO EXISTING TO REMAIN.
4. CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED FOR THE PHASING OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING ELEC TO REMAIN.
5. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.
6. COORDINATE ADDITIONAL DEMOLITION DETAILS WITH ARCHITECTURAL DRAWINGS.
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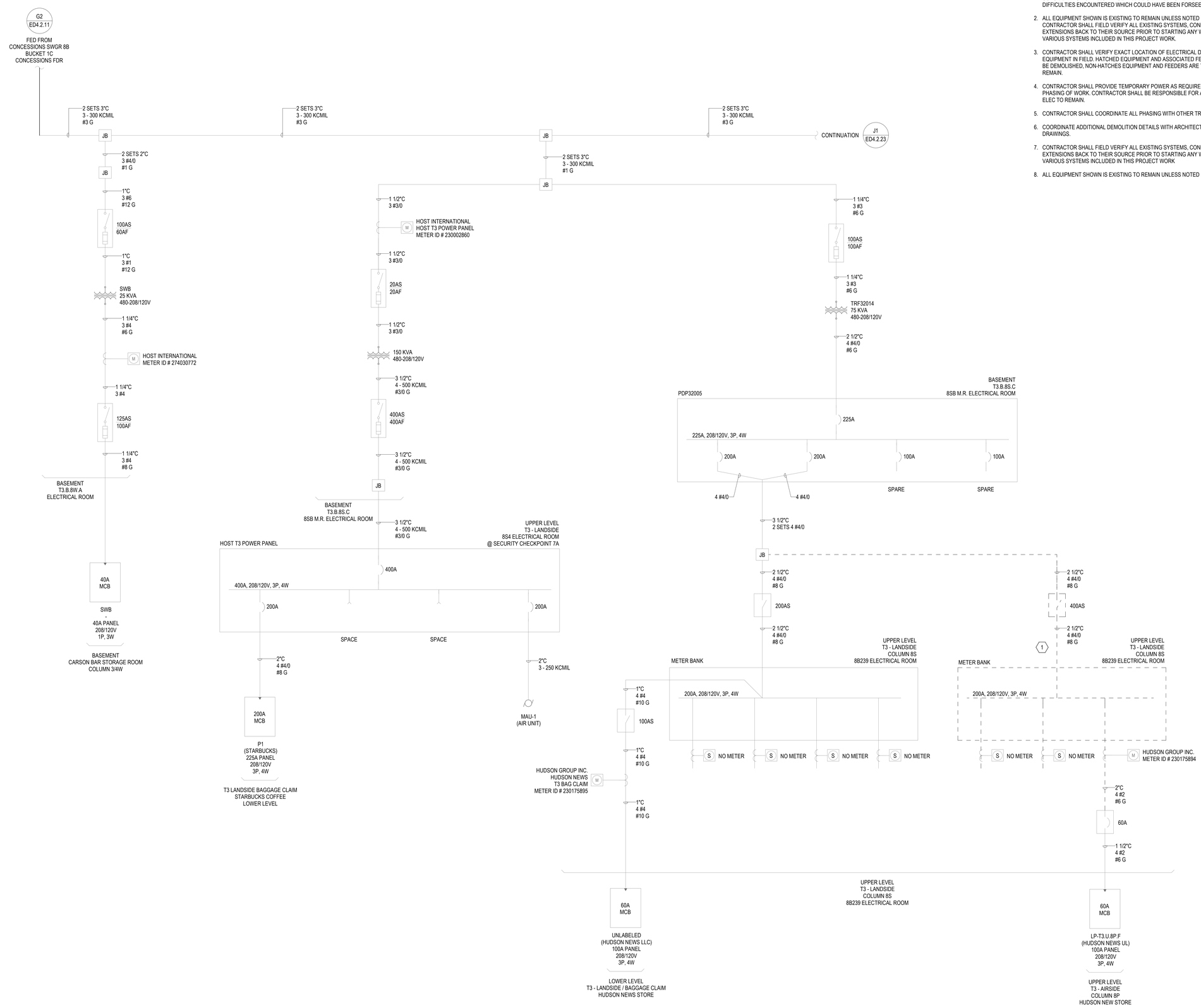

1A SLD NC-5604 PDP32005
NTS

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

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1 EXISTING ELECTRICAL CONDUIT TO BE DEMOLISHED AND RELOCATED. CONTRACTOR IS TO DEMOLISH AND REMOVE ALL CONDUIT, FEEDERS, CONDUCTORS, HANGERS, SUPPORTS, AND ASSOCIATED APPURTENANCES BACK TO SOURCE. ELECTRICAL CONDUIT AND FEEDERS ARE TO BE RE-ROUTED TO PROPOSED AND EXISTING TO REMAIN ELECTRICAL ROOMS.

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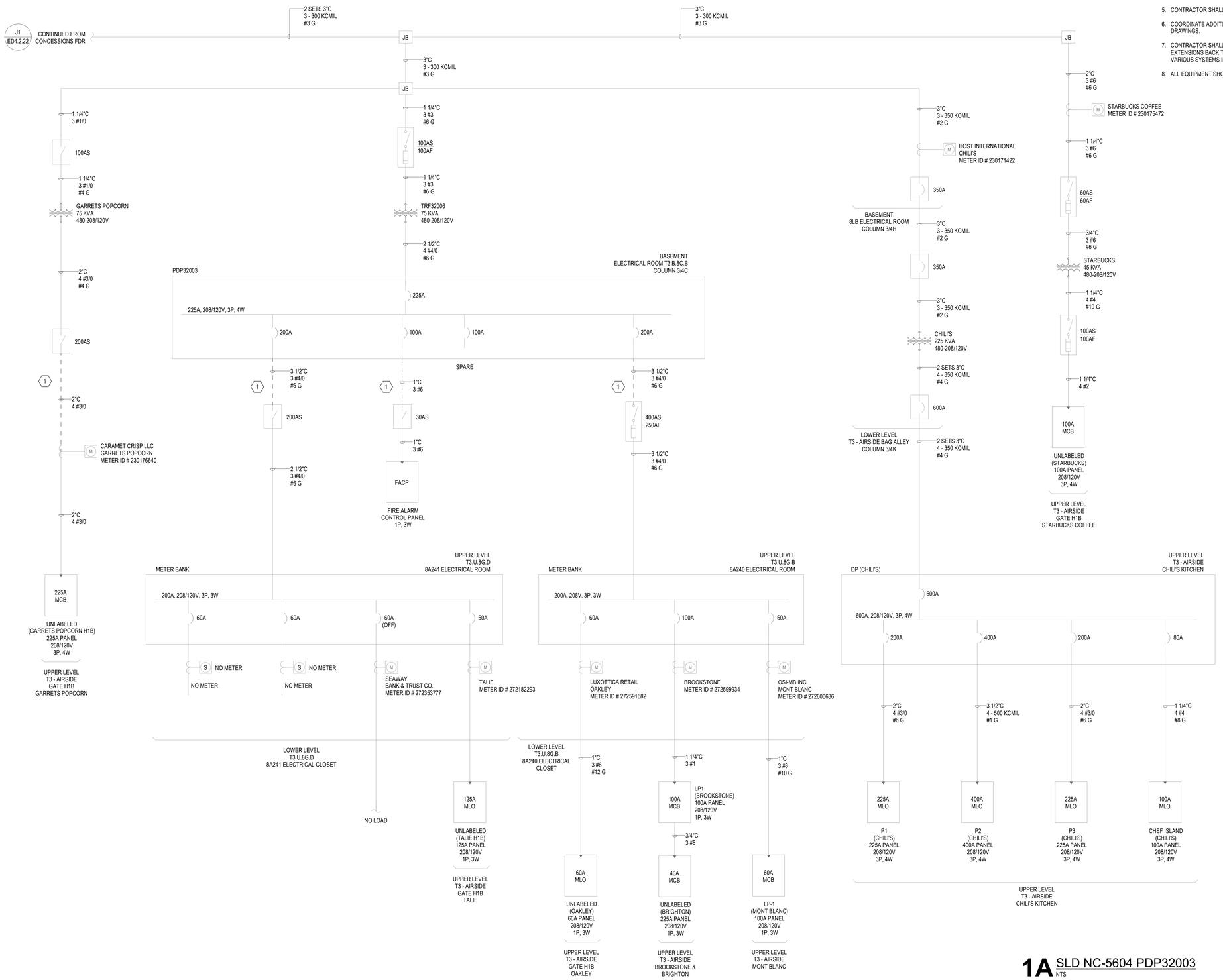

1A SLD NC-5604 PDP32003
NTS

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

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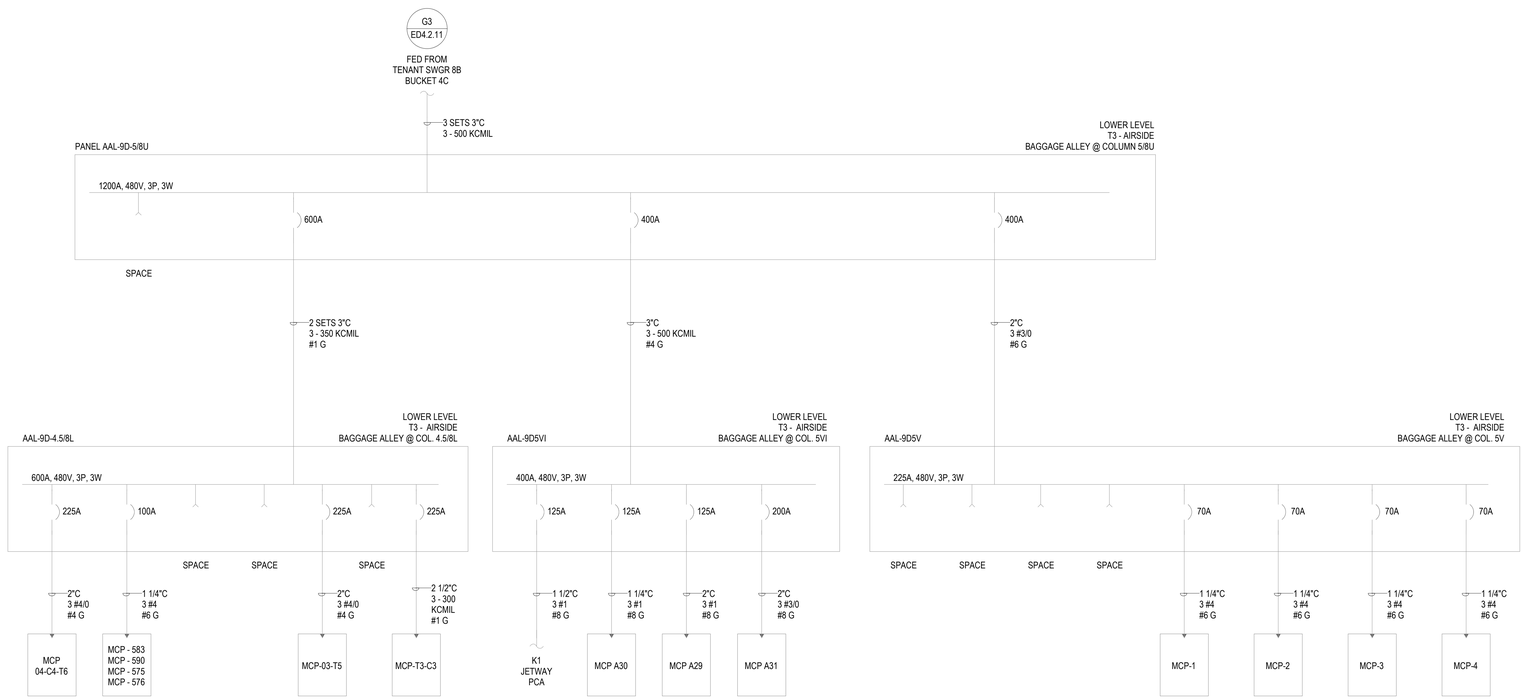

1A SLD NC-5604 PANEL AAL-9D-5/8U
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GENERAL ELECTRICAL NOTES:

1. THE OWNER FOR THIS PROJECT SHALL BE REFERRED TO AS CHICAGO DEPARTMENT OF AVIATION (CDA), OR THE CMR.
2. ALL ELECTRICAL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS AND ALL OTHER DRAWINGS RELATED TO THE PERFORMANCE OF THIS WORK.
3. SUBCONTRACTORS FOR EACH TRADE ARE ADVISED THAT INFORMATION PERTINENT TO THEIR WORK MAY OCCUR IN OTHER PORTIONS OF THE CONTRACT DOCUMENTS. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, ELECTRICAL, FIRE ALARM, AND COMMUNICATIONS DRAWINGS FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS. ALL NOTES ARE TO BE REVIEWED AND APPLIED TO RELEVANT BUILDING COMPONENTS. NOTES MAY APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIALS. SHEETS ARE TO BE REVIEWED AND NOTES ON ANY ONE SHEET ARE TO BE APPLIED ON RELATED DRAWINGS AND DETAILS.
4. THE CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THIS WORK SHALL BECOME THOROUGHLY FAMILIAR WITH THE PROJECT PLANS AND SPECIFICATIONS BEFORE COMMENCING ANY AND ALL WORK. THE PROJECT SPECIFICATIONS AND DRAWINGS FORM THE BASIS OF THIS CONTRACT AND INCLUDE THE TYPE AND GRADE OF MATERIALS TO BE INSTALLED, EQUIPMENT TO BE FURNISHED, AND MANNER BY WHICH TO BE INSTALLED AND WHERE TO BE LOCATED.
5. THE CONTRACTOR SHALL CHECK CAREFULLY ALL CONSTRUCTION DRAWINGS AND SPECIFICATIONS THAT ARE PART OF THIS PROJECT TO INSURE THAT NO FIXTURE, OUTLET, DEVICE, AND EQUIPMENT CONTROL AND/OR POWER WIRING IS OMITTED. THE CONTRACTOR SHALL CONSULT ALL TRADES FURNISHING EQUIPMENT AND OBTAIN FROM THEM ALL NECESSARY DATA. IN SOME CASES EQUIPMENT, FIXTURES, AND DEVICES ARE SHOWN ONLY. CONTRACTOR SHALL ASCERTAIN AND PROVIDE THE WIRING AND CONTROL STATIONS REQUIRED FOR THE PROPER FUNCTION OF THE EQUIPMENT. ALL WORK INCLUDED ON THE DRAWING SET AND/OR LISTED IN THE PROJECT SPECIFICATIONS SHALL BE INCLUDED IN THE SCOPE OF WORK FOR THIS PROJECT. ALL AT NO ADDITIONAL COST TO THE CMR. CONTRACTOR IS ADVISED THAT IN ANY INSTANCE WHERE THERE IS A DISCREPANCY BETWEEN THE CONTRACT DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR SHALL CARRY THE OPTION THAT WILL INCUR THE MOST COST.
6. CONDUITS SHALL NOT BE RUN OR INSTALLED IN CONCRETE SLABS UNLESS NOTED OTHERWISE IN SPECIFICATIONS OR ON THE DRAWINGS. CONDUITS MAY PENETRATE CONCRETE CORE SLAB AT NECESSARY POINTS FOR EQUIPMENT OR DEVICES BEING SERVED. PROVIDE FIRE STOPPING AT ALL SLAB AND WALL PENETRATIONS. DO NOT CUT STRUCTURAL MEMBERS SUCH AS REBAR, STEEL BEAMS, ETC.
7. EQUIPMENT LABELS AND INSTRUCTIONS REGARDING THE APPLICATIONS AND INSTALLATION OF THE SPECIFIED EQUIPMENT SHALL BE FOLLOWED TO INSURE THAT THE EQUIPMENT IS BEING INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S LISTED INSTRUCTIONS. THE TEMPERATURE RATING OF THE EQUIPMENT TERMINATIONS MUST BE CAREFULLY CORRELATED WITH THE CONDUCTOR AMPACITY TO PREVENT OVERHEATING AND PREMATURE FAILURE. ALL EQUIPMENT LUGS SHALL BE A MINIMUM TEMPERATURE RATING OF 75 DEGREE CELSIUS.
8. COORDINATE WORK WITH OTHER TRADES AND INSTALL CONDUIT AND BOXES TO CLEAR EMBEDDED DUCTS, OPENINGS, AND OTHER STRUCTURAL FEATURES, WHILE MAINTAINING A CLEAR AND UNOBSTRUCTED PATH IN ALL ELECTRICAL, IT, AND MECHANICAL ROOMS. CODE REQUIRED CLEARANCES MUST BE PROVIDED. MANUFACTURER RECOMMENDED CLEARANCES LARGER THAN THOSE REQUIRED BY CODE MUST ALSO BE PROVIDED. CONTRACTOR IS TO INFORM THE AUTHORITY OF ANY MANUFACTURER REQUIRED CLEARANCES THAT CANNOT BE PROVIDED.
9. ALL WORK SHALL BE PERFORMED IN ACCORDANCE TO THE LATEST REQUIREMENTS OF THE APPLICABLE CODES REGULATIONS, ORDERS AND APPLICABLE REGULATORY REQUIREMENTS.
10. ALL LIGHTING FIXTURES ARE TO BE LOCATED AS REQUIRED ON THE JOB TO CLEAR DUCTS, PIPING, EQUIPMENT, AND/OR MECHANICAL UNITS. REFER TO ARCHITECTURAL DRAWINGS FOR APPROXIMATE LOCATIONS OF LIGHTING FIXTURES.
11. THE ELECTRICAL LAYOUT IS STRICTLY DIAGRAMMATIC, CONDUITS FOR THE PUMP STATION AND ASSOCIATED EQUIPMENT SHALL BE ROUTED IN THE FIELD AND COORDINATED WITH THE INSTALLATION DRAWINGS. ALL CONDUIT ROUTING FOR PROPOSED ELECTRICAL WORK INCLUDING BUT NOT LIMITED TO PANELS, DISCONNECTS, JUNCTION BOXES, TERMINAL BOXES, SECURITY, COMMUNICATIONS, ETC. IS BY THE ELECTRICAL CONTRACTOR. CONTRACTOR MUST PROVIDE CONDUIT BODIES AND JUNCTION BOXES AS NECESSARY TO LIMIT THE TOTAL DEGREES OF BENDS IN A CONDUIT RUN. THE TOTAL DEGREES OF BENDS ARE TO BE LIMITED TO 360° MAXIMUM, 270° PREFERRED.
12. FURNISH AND INSTALL EQUIPMENT DISCONNECT SWITCHES AS REQUIRED IN COMPLIANCE WITH CODE REQUIREMENTS.
13. ALL OUTDOOR RECEPTACLES SHALL BE WEATHERPROOF WHILE IN-USE, GASKETED, GFI TYPE, AND INSTALLED WITH LOCKABLE COVER, UNLESS OTHERWISE NOTED.
14. ALL OUTDOOR ENCLOSURES ARE TO BE NEMA 4X STAINLESS STEEL AND GASKETED. USE TYPE 316 STAINLESS STEEL WHEN INSTALLING WITHIN 10' OF A ROADWAY, ACCESS ROAD, OR OTHER SALTED SURFACE.
15. ALL OUTDOOR CONDUITS SHALL BE PVC COATED RIGID METALLIC CONDUIT, NO EXCEPTIONS.
16. NOTED HEIGHTS ARE TO BE CENTERLINE OF THE DEVICE, EQUIPMENTS, ETC. HEIGHTS INDICATED ARE APPROXIMATE AND FOR ESTIMATING PURPOSES ONLY. EXCEPT AS SPECIFICALLY NOTED, ROUGH-IN HEIGHTS AND LOCATIONS SHALL BE COORDINATED WITH UNIT DIMENSIONS AND GENERAL CONSTRUCTION EQUIPMENT, ETC. COORDINATE WITH OTHER TRADES AND THE AUTHORITY.
17. MOUNTING HEIGHTS OF ELECTRICAL ITEMS SHALL BE AS LISTED BELOW, ABOVE FINISHED FLOOR TO CENTERLINE, UNLESS NOTED OTHERWISE:

A. GENERAL RECEPTACLES	15"
B. OUTDOOR RECEPTACLES	24"
C. GENERAL TOGGLE SWITCHES	48"
D. OCCUPANCY SENSORS	48"
E. VACANCY SENSORS	48"
F. FIRE ALARM PULL STATIONS	48"
G. SECURITY CALL STATIONS	48"
H. FIRE ALARM AUDIO VISUAL DEVICE	96"
I. GENERAL WALL MOUNTED LIGHTS	90"
J. EXIT SIGNS	90"
K. INDIVIDUAL DISCONNECTS AND STARTERS	60"
L. GROUPED DISCONNECTS AND STARTERS	>12" TO <72"
M. PANELBOARD OVERCURRENT DEVICES	>12" TO <72"

18. PROVIDE RACEWAYS AND GROUNDING FOR COMMUNICATIONS SYSTEMS INCLUDING BUT NOT LIMITED TO TELE., DATA, SECURITY, PAGING, INTERCOM, PUBLIC ADDRESS, M&V, ETC. CERTIFY REQUIREMENTS WITH COMMUNICATIONS EQUIPMENT AND CONSTRUCTION DOCUMENTS.
19. NOT ALL SYMBOLS SHOWN ON E0.02 APPLY TO THIS PROJECT. REFER TO REMAINDER OF DRAWINGS FOR ACTUAL PROJECT REQUIREMENTS.
20. ALL ELECTRICAL PANELS, SWITCHBOARDS, DISCONNECTS, TRANSFORMERS, ETC. TO HAVE ENGRAVED WHITE PLASTIC WITH BLACK LETTERING I.D. AND TYPED CIRCUIT I.D. CARDS. ALL ENGRAVED NAMEPLATES SHALL BE ATTACHED WITH TWO CORROSION RESISTANT STAINLESS STEEL MACHINE SCREWS.
21. PROVIDE LABELS FOR ALL RECEPTACLES INDICATING PANELBOARD AND CIRCUIT NUMBER SOURCE. PROVIDE LABEL TYPE AS PER ELECTRICAL SPECIFICATION.
22. ALL WIRING SHALL CONSIST OF INSULATED COPPER CONDUCTORS INSTALLED METALLIC RACEWAYS, UNLESS NOTED OTHERWISE.
23. PANELBOARDS, SURGE SUPPRESSION EQUIPMENT, DISCONNECT SWITCHES, ETC. SHALL NOT BE USED AS RACEWAY FOR CONDUCTOR ROUTING OTHER THAN FOR THE CONDUCTORS THE ORIGINATE OR TERMINATE IN THESE ENCLOSURES.
24. POWER CONDUCTORS SHALL BE ROUTED SEPERATELY FROM ALL OTHER CONDUCTOR TYPES. THIS MAY BE ACCOMPLISED BY ROUTNG POWER CONDUCTORS AND OTHER CONDUCTORS IN SEPERATE RACEWAYS, OR BY PROVIDING A METALLIC DIVIDER BETWEEN THE POWER AND OTHER CONDUCTORS IN THE SAME RACEWAY.
25. MINIMUM CONDUIT SIZE SHALL BE 3/4"
26. MINIMUM WIRE SIZE SHALL BE #12 FOR POWER AND #14 FOR CONTROL.
27. WHERE THREADS HAVE TO BE CUT INTO CONDUIT, THE THREAD SHALL HAVE THE SAME EFFECTIVE LENGTH AND SHALL HAVE THE SAME THREAD DIMENSIONS AND TAPER AS SPECIFIED FOR FACTORY CUT THREADS ON CONDUIT.
28. ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT SUCH AS MOTOR CONTROL CENTERS, TRANSFORMERS, AUTOMATIC TRANSFER SWITCHES, SUBSTATIONS, SWITCHGEAR, ETC. SHALL BE MOUNTED ON 4" HIGH HOUSEKEEPING CONCRETE PADS.
29. ALL UNDERGROUND/UNDERSLAB CONDUITS, DUCTS, AND DUCTBANKS ARE TO BE CONCRETE ENCASED PVC CONDUIT, AND ADHERE TO THE STANDARDS BELOW:
    - A. ALL CONDUITS ARE TO HAVE MINIMUM 2" SEPARATION BETWEEN DUCTS.
    - B. ALL CONCRETE ENCASED DUCTS ARE TO HAVE MINIMUM 3" CONCRETE ENCASEMENT AROUND THE EXTERIOR OF THE DUCTBANK.
    - C. ALL DUCTBANKS ARE TO UTILIZE PRE-MANUFACTURED PLASTIC DUCTBANK SPACERS TO MAINTAIN REQUIRED SEPARATION.
    - D. ALL DUCTBANKS ARE TO BE MINIMUM 12" BELOW SLAB.
    - E. COORDINATE ALL PENETRATIONS OF THE FLOOR WITH THE RESPECTIVE ELECTRICAL EQUIPMENT CONDUIT OPENINGS IT IS MEANT TO SERVE, CONDUIT ROUTING SHOWN ON PLANS IS DIAGRAMMATIC AND CONTRACTOR IS RESPONSIBLE FOR FINAL UNDERGROUND/UNDERSLAB CONDUIT/DUCTBANK ROUTING.
    - F. DUCTBANK IS NOT TO EXCEED 270° OF BEND WITHOUT AN INTERMEDIATE HANDHOLE.
    - G. WARNING TAPE TO BE INSTALLED MINIMUM 6" ABOVE DUCTBANK.
30. BUILDING PLANS SHOWN ARE COMPILED FROM SOURCES BELIEVED TO BE ACCURATE. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATIONS OF ALL DIMENSIONS, SIZES, SYSTEM VOLTAGES, QUANTITIES AND EXTENT OF WORK. CONTRACTOR SHALL CAREFULLY EXAMINE THE PREMISES IN ORDER TO FAMILIARIZE WITH EXISTING CONDITIONS AND FULLY UNDERSTAND THE NATURE AND SCOPE OF WORK. DRAWINGS ARE STRICTLY SCHEMATIC, AND A COMPLETE COORDINATED, FUNCTIONAL, AND CODE-APPROVED SYSTEM IS INTENDED.
31. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL, STRUCTURAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR COORDINATION AND EXTENT OF THE WORK OF THE VARIOUS TRADES.
32. THE CONTRACTOR IS ADVISED TO CONSULT WITH THE AUTHORITY AND CONTRACT DOCUMENTS PRIOR TO BID SUBMITTAL FOR PHASE OPERATION AND SCHEDULING OF THE WORK.
33. WHERE WORK OF ONE TRADE WILL INTERFACE WITH THE WORK OF OTHER TRADES, ALL TRADES SHALL ASSIST IN WORKING OUT SPACE CONDITIONS, MAKE SATISFACTORY ADJUSTMENTS, AND SHALL BE PREPARED TO SUBMIT AND REVISE COORDINATED INSTALLATION DRAWINGS.
34. CONTRACTOR IS ADVISED THAT THE PROPOSED POWER DISTRIBUTION EQUIPMENT BASIS OF DESIGN IS EATON. CONTRACTOR SHALL CARRY ALL COST FOR CHANGES REQUIRED TO THE BUILDING LAYOUT AND POWER DISTIRBUTION EQUIPMENT IF THEY ELECT TO UTILIZE AN ALTERNATIVE MANUFACTURER.
35. THE CONTRACTOR SHALL MAKE ALL NECESSARY PROVISIONS TO PURSUE THEIR WORK IN A MANNER WHICH WILL ASSURE THAT THE OPERATION OF THE AIRPORT IS MINIMALLY IMPAIRED. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, DELIVERY OF SUPPLIES, TEMPORARY UTILITY CONNECTIONS, ETC.
36. ALL CORED HOLES IN THE STRUCTURAL MEMBER FOR THE CONDUIT SHALL BE LARGE ENOUGH TO ENABLE PROPER SEAL OR FIRE STOP INSTALLATION.
37. CONTRACTOR SHALL INSURE THAT VOLTAGE DROP BETWEEN SERVICE ENTRANCE EQUIPMENT AND BRANCH PANELS IS NOT TO EXCEED 2% VOLTAGE DROP. VOLTAGE DROP SHALL NOT EXCEED 3% FROM THE BRANCH PANEL TO LAST DEVICE OR RECEPTACLE. CONDUCTORS SHALL BE UPSIZED ACCORDINGLY. CONTRACTOR SHALL PREPARE AND PROVIDE THE CALCULATIONS AS REQUIRED BY THE CONTRACT SPECIFICATIONS.
38. CONTRATOR TO PROVIDE ELECTRICAL STUDIES ANALYSIS PER SPECIFICATIONS.
39. CONTRACTOR TO PROVIDE CONDUIT SCHEDULE PER SINGLE-LINES FOR APPROVAL.
40. ALL GROUNDING TO BE PER CEC REQUIREMENTS.
41. ALL LOW-VOLTAGE/CAT 6 CABLING IS TO BE IN MIN 3/4"C.
42. ALL JUNCTION BOXES AND PULL BOXES SHALL BE APPROPRIATELY SIZED AS PER NFPA 70 TO ACCOMMODATE NUMBER OR CONDUIT/CONDUCTORS SHOWN WITH SPARE CAPACITY AS PER CONTRACT DOCUMENTS.
43. WHERE WEATHERPROOF DEVICES AND APPLIANCES ARE INDICATED, THE RACEWAY (CONDUIT, FITTINGS, JUNCTION BOXES, ETC) SHALL BE LIQUID TIGHT IN THE ROOM WHERE THE WEATHERPROOF EQUIPMENT IS LOCATED.
44. THE INSTALLATION SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION, STANDARD PRACTICE OF GOOD WORKMANSHIP IN ELECTRICAL CONSTRUCTION (NECA 1-LATEST ADDITION).
45. SCALES NOTED ON DRAWINGS ARE FOR REFERENCE ONLY. NO DIMENSIONAL INFORMATION SHALL BE OBTAINED BY SCALING FROM THE DRAWINGS. NO DIMENSIONAL INFORMATION SHALL BE OBTAINED BY TAKING MEASUREMENTS FROM BIM MODELS OR ELECTRONIC DRAWINGS. ONLY DIMENSIONS EXPLICITLY WRITTEN ON THESE DRAWINGS SHALL BE USED. THE CONTRACTOR SHALL VERIFY DIMENSIONS NOT NOTED WITH THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
46. CONTRACTOR SHALL PROVIDE SEAL-OFF CONDULETS OR OTHER SIMILAR DEVICES AS REQUIRED BY CODE FOR CONDUITS ENTERING/LEAVING AREAS THAT ARE CLASSIFIED AS HAZARDOUS.

SEQUENCE OF WORK FOR PANEL RELOCATION(S):

SEQUENCE OF WORK IS INTENDED TO STATE A METHOD TO BE USED BY THE CONTRACTOR TO ESTIMATE AND BID THE PROPOSED PANEL/ELECTRICAL ROOM RELOCATIONS AS PART OF THIS DESIGN PACKAGE. CONTRACTOR MAY ELECT TO DEVELOP AN ALTERNATIVE METHOD FOR THE RELOCATION OF EXISTING PANELS WITH THE CMR. CONTRACTORS BID PRICE IS TO INCLUDE ALL COST ASSOCIATED WITH THE RELOCATION OF PANELS AND INCLUDE ALL COST FOR TRACING, INTERCEPTING, AND RELOCATING EXISTING CIRCUITS THAT ARE TO REMAIN. INVESTIGATE ANY RENOVATION WORK PRIOR TO PERFORMING ANY RELOCATION WORK. WHERE PANEL SCHEDULES OR PHOTOGRAPHS ARE UNAVAILABLE, CONTRACTOR SHALL ASSUME PANEL CONTAINS 42 1-POLE CIRCUIT BREAKERS.

1. CONTRACTOR SHALL IDENTIFY EXISTING PANEL AND PANEL FEEDER LOCATIONS IN FIELD. THEY ARE TO VERIFY ACCURACY OF AS-BUILT INFORMATION AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE CMR.
2. CONTRACTOR SHALL VERIFY ACCURACY OF EXISTING PANEL SCHEDULES, AND PROVIDE UPDATED PANEL SCHEDULES TO CMR AS REQUIRED.
    - A. WHERE EXISTING PANEL SCHEDULES ARE NOT AVAILABLE, CONTRACTOR SHALL TRACE EACH INDIVIDUAL BRANCH CIRCUIT AND PROVIDE AN UPDATED PANEL SCHEDULE.
3. CONTRACTOR IS TO COORDINATE ANY OUTAGES WITH ASSOCIATED STAKEHOLDERS IN THE FIELD. WORK IS NOT TO IMPEDE THE DAILY OPERATIONS OF THE AIRPORT. ALL WORK TO BE COORDINATED THROUGH THE CMR.
4. CONTRACTOR IS TO INVESTIGATE AND TRACE EXISTING CONDUITS, AND DEVELOP PHASING PLAN FOR INTERCEPTING AND REROUTING OF EXISTING FEEDER AND BRANCH CIRCUIT WIRING.
    - A. WHERE CONDUITS CANNOT BE TRACED AND ARE BELOW THE SLAB, CONTRACTOR SHALL XRAY OR UTILIZE OTHER NON-INVASIVE OPERATIONS TO IDENTIFY THE LOCATION AND PATH OF EXISTING CONDUITS AND WIRING.
    - B. WHERE CONDUITS AND WIRING PATH OR USE CANNOT BE IDENTIFIED CONTRACTOR IS TO BRING THIS TO THE ATTENTION OF THE CMR.
5. AFTER CONTRACTOR HAS TRACED AND IDENTIFIED ALL BRANCH CIRCUITS, FEEDERS, ELECTRICAL EQUIPMENT, TRANSFORMERS, PANELBOARDS AND OTHER ASSOCIATED ELECTRAL EQUIPMENT/ APPURTENANCES, THEY ARE TO PROVIDE SHOP DRAWINGS HIGHLIGHTING THEIR METHOD FOR RELOCATION FOR THE APPROVAL BY THE CMR.
6. ONCE SHOP DRAWINGS ARE APPROVED, THE CONTRACOR IS TO ERECT A PARALLEL SYSTEM TO THE EXISTING INFRASTRUCTURE, PROVIDING NEW PANEL/ELECTRICAL INSTALLATION PRIOR TO THE DEMOLITION OF EXISTING.
    - A. WHERE POSSIBLE, CONTRACTOR IS TO UTILIZE SPARE OR PROVIDE NEW BREAKER IN UP-STREAM POWER PANELS, SWITCHBOARDS, OR SWITCHGEAR TO PROVIDE THE PROPOSED INFRASTRUCTURE POWER FOR THE CUT OVER OF INDIVIDUAL CIRCUITS. CONDUITS/WIRE SIZE AND INTENDED CONNECTION LOCATION SHALL BE PER SINGLE-LINE. CONTRACTOR MAY PROPOSE ALTERNATE CONNECTION LOCATIONS, OR PATHS FOR PROPOSED INFRASTRUCTURE FOR APPROVAL BY THE CMR AND EOR.
    - B. WHERE SPARE BREAKERS ARE NOT AVAILABLE, CONTRACTOR IS TO INTERCEPT EXISTING FEEDER AND SPLICE. CONTRACTOR MAY NOT SPLICE IF PROPOSED FEEDER IS LARGER THAN WHAT IS EXISTING. CONTRACTOR WILL NEED TO PROVIDE TEMPORARY POWER APPARATUS FOR THE CUTOVER OF EXISTING CIRCUITS WHERE SPARE UPSTREAM BREAKERS ARE NOT AVAILABLE.
    - C. OUTAGES FOR CUTOVERS ARE TO BE COORDINATED WITH THE CMR AND ARE ASSUMED TO TAKE PLACE AT NIGHT. CUTOVERS SHALL NOT TAKE MORE THAN 6 HOURS AND SHALL NOT IMPACT AIRPORT OPERATIONS TO THE EXTENT POSSIBLE.
    - D. OUTAGES SHALL NOT TAKE PLACE DURING AIRPORT/AIRLINE MORATORIUMS.
    - E. ACCEPTABLE TEMPORARY POWER SOURCES ARE: OTHER CITY POWER PANELS ON A TEMPORARY BASIS, ON-SITE MOBILE GENERATORS, OR OTHER MEANS PROPOSED BY THE CONTRACTOR AND ACCEPTED BY THE CMR & EOR.
7. ONCE PROPOSED INFRASTRUCTURE IS IN PLACE CONTRACTOR SHALL INTERCEPT AND RELOCATE EXISTING CIRCUITS TO REMAIN AS REQUIRED. BRANCH CIRCUITS THAT ARE NO LONGER REQUIRED AND INTENDED TO BE DEMOLISHED SHALL BE REMOVED COMPLETELY FROM END TO END, THIS REMOVAL IS TO INCLUDE ALL BOXES, CONDUIT, CONDUCTORS, AND SUPPORTS.
8. WHERE CONDUITS ARE ENCASED IN CONCRETE OR ARE ROUTED BELOW SLAB, CONTRACTOR SHALL CAREFULLY DEMOLISH SLAB AND INTERCEPT CONDUIT BELOW FINISH FLOOR LEVEL AND EXTEND TO NEW PANEL LOCATION.
9. CONTRACTOR SHALL INTERCEPT EXISTING CIRCUITING AND PULL NEW WIRING FROM FIRST DEVICE THAT REMAINS. CONTRACTOR MAY UTILIZE EXISTING CONDUITS TO THE EXTENT POSSIBLE. ALL REPLACEMENT CONDUCTORS ARE TO MATCH EXISTING AND/OR BE MINIMUM SIZE #10 AWG.
10. CONTRACTOR SHALL PROVIDE FINAL PANEL SCHEDULE FOR APPROVAL TO THE CMR/EOR.

SEQUENCE OF WORK FOR CONDUIT AND CONDUCTOR RELOCATION(S):

SEQUENCE OF WORK IS INTENDED TO STATE A METHOD TO BE USED BY THE CONTRACTOR TO ESTIMATE AND CREATE AN ALLOWANCE IN COORDINATION WITH THE CMR FOR THE RELOCATION OF CONDUITS AS PART OF THIS DESIGN PACKAGE. CONTRACTOR MAY ELECT TO DEVELOP AN ALTERNATIVE METHOD FOR THE RELOCATION OF EXISTING CONDUITS WITH THE CMR. CONTRACTOR BID PRICE IS TO INCLUDE ALL COSTS ASSOCIATED WITH THE RELOCATION OF CONDUITS AND INCLUDE ALL COST FOR TRACING, INTERCEPTING, AND RELOCATING EXISTING FEEDERS AND/OR BRANCH CIRCUITS THAT ARE TO REMAIN. INVESTIGATE ANY RENOVATION WORK PRIOR TO PERFORMING ANY WORK. THIS WORK IS TO INCLUDE RELOCATION FOR CONDUITS NOT SHOWN AS DEMOLISHED ON THE SINGLE-LINES OR NOT ASSOCIATED WITH PANELS BEING IMPACTED AS PART OF THIS PROJECT.

1. CONTRACTOR SHALL IDENTIFY EXISTING PANELS BEING IMPACTED AND ASSOCIATED CONDUIT AND CONDUCTOR LOCATIONS IN THE FIELD. THEY ARE TO VERIFY ACCURACY OF EXISTING INFORMATION AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE CMR.
2. CONTRACTOR IS TO COORDINATE ANY OUTAGES WITH ASSOCIATED STAKEHOLDERS IN THE FIELD. WORK IS NOT TO IMPEDE THE DAILY OPERATIONS OF THE AIRPORT. ALL WORK IS TO BE COORDINATED THROUGH THE CMR.
3. CONTRACTOR IS TO INVESTIGATE AND TRACE EXISTING CONDUITS AND DEVELOP PHASING PLANS FOR INTERCEPTING AND REROUTING OF EXISTING FEEDER AND BRANCH CIRCUIT WIRING.
    - A. WHERE CONDUIT AND CONDUCTOR PATHS OR USE CANNOT BE IDENTIFIED, CONTRACTOR IS TO BRING THIS TO THE ATTENTION OF THE CMR.
4. AFTER CONTRACTOR HAS TRACED AND IDENTIFIED ALL BRANCH CIRCUITS, FEEDERS, ELECTRICAL EQUIPMENT, TRANSFORMERS, PANELBOARDS AND ASSOCIATED ELECTRAL APPURTENANCES, THEY ARE TO PROVIDE SHOP DRAWINGS HIGHLIGHTING THEIR METHOD FOR RELOCATION FOR THE APPROVAL BY THE CMR.
5. ONCE SHOP DRAWINGS ARE APPROVED, THE CONTRACOR IS TO ERECT A PARALLEL SYSTEM TO THE EXISTING INFRASTRUCTURE, PROVIDING NEW CONDUIT AND CONDUCTORS PRIOR TO THE DEMOLITION OF EXISTING.
    - A. WHERE BUILDING IN PARALLEL IS NOT VIABLE , CONTRACTOR IS TO INTERCEPT EXISTING FEEDERS AND SPLICE. CONTRACTOR WILL NEED TO PROVIDE TEMPORARY POWER FOR THE CUTOVER OF EXISTING CIRCUITS.
    - B. OUTAGES FOR CUTOVERS ARE TO BE COORDINATED WITH THE CMR AND ARE ASSUMED TO TAKE PLACE AT NIGHT. CUTOVERS SHALL NOT TAKE MORE THAN 6 HOURS AND SHALL NOT IMPACT AIRPORT OPERATIONS TO THE EXTENT POSSIBLE.
    - C. OUTAGES SHALL NOT TAKE PLACE DURING AIRPORT/AIRLINE MORATORIUMS
    - D. ACCEPTABLE TEMPORARY POWER SOURCES ARE: OTHER CITY POWER PANELS ON A TEMPORARY BASIS, ON-SITE MOBILE GENERATORS, OR OTHER MEANS PROPOSED BY THE CONTRACTOR AND ACCEPTED BY THE CMR & EOR.
6. ONCE PROPOSED INFRASTRUCTURE IS IN PLACE, THE CONTRACTOR SHALL INTERCEPT AND RELOCATE EXISTING CIRCUITS TO REMAIN AS REQUIRED. BRANCH CIRCUITS THAT ARE NO LONGER REQUIRED AND INTENDED TO BE DEMOLISHED SHALL BE REMOVED COMPLETELY FROM END TO END, THIS REMOVAL IS TO INCLUDE ALL BOXES, CONDUIT, CONDUCTORS, AND SUPPORTS.
7. CONTRACTOR SHALL INTERCEPT EXISTING CIRCUITING AND PULL NEW CONDUCTORS AS REQUIRED. CONTRACTOR MAY UTILIZE EXISTING CONDUITS TO THE EXTENT POSSIBLE. ALL REPLACEMENT CONDUCTORS ARE TO MATCH EXISTING AND/OR BE MINIMUM SIZE #10 AWG.
8. CONTRACTOR SHALL LABEL EACH REROUTED CONDUIT PER SPECIFICATION.

TEMPORARY POWER NOTES:

1. FOR THIS PROJECT, TEMPORARY POWER SHALL BE CONSIDERED TO BE THE MEANS AND METHODS OF THE CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY SERVICES AS REQUIRED AND COORDINATED WITH THE AUTHORITY, THIS SHALL BE IN ACCORDANCE TO THE PROJECT PHASING DOCUMENTS OR AS COORDINATED BETWEEN THE CONTRACTOR AND THE AUTHORITY.
2. PROVIDE A RENTAL GENERATING UNIT, SIZED AS REQUIRED TO SUPPLY TEMPORARY POWER TO EXISTING LOADS DURING CONSTRUCTION. GENERATING UNIT MUST BE CAPABLE OF BEING MOVED WITHIN THE AIRPORT/CONSTRUCTION AREAS AROUND THE TERMINALS AND ITS ELECTRICAL ROOMS. CONTRACTOR SHALL OBTAIN PERMITS AND APPROVAL REQUIRED TO TEMPORARILY PARK THE GENERATING UNIT TRAILER AT EACH LOCATION REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR FUEL COSTS AND / OR REFUELING SERVICE CHARGES.
3. PROVIDE TEMPORARY POWER CABLES FROM GENERATING UNIT TO CUSTOMER CONNECTION POINT TO ALL EQUIPMENT REQUIRING TEMPORARY POWER, ROUTED INTO AND THROUGH THE EXISTING BUILDING. CABLE SHALL BE "FLEXIBLE DLO CABLE" OR APPROVED EQUIVALENT. CONTRACTOR SHALL OBTAIN APPROVAL AS REQUIRED TO ROUTE TEMPORARY CABLES THROUGH THE FACILITY AND SHALL PROVIDE BARRIERS, RAMPS, AND OTHER PROTECTIVE MATERIALS NECESSARY TO PREVENT ACCIDENTAL CONTACT OR TRIPPING HAZARD TO PERSONNEL AND TO PREVENT PHYSICAL DAMAGE TO THE CABLES.
4. CONTRACTOR SHALL PROVIDE A TEMPORARY POWER DISTRIBUTION PANEL, AS REQUIRED. CONTRACTOR SHALL INSTALL THE TEMPORARY POWER DISTRIBUTION PANELBOARD ON STRUT OR STEEL CHANNEL, SECURED TO THE BUILDING STRUCTURE IN A MANNER THAT WILL ALLOW LATER DISCONNECTION, REMOVAL, AND RE-USE AT ANOTHER LOCATION.
5. CONTRACTOR SHALL TEMPORARILY DISCONNECT EXISTING LOAD CABLES FROM EXISTING SWITCHGEAR DISTRIBUTION, DISTRIBUTION PANEL OR POWER PANEL BREAKERS, SPLICE AND EXTEND CABLES TO TEMPORARY POWER DISTRIBUTION PANELBOARD, AS REQUIRED. CONNECT TO PANELBOARD BRANCH CIRCUIT BREAKERS OF IN-KIND RATING WITH THE EXISTING SWITCHGEAR CIRCUIT BREAKER. CONTRACTOR SHALL OBTAIN APPROVAL FROM AIRPORT AUTHORITIES AND FROM TENANT CLIENTS SERVED BY THE ELECTRICAL APPARATUS, BEFORE PERFORMING CUT-OVER TO THE TEMPORARY POWER SYSTEM. AFTER MODIFICATIONS ARE COMPLETE, CONTRACTOR IS TO RECONNECT EXISTING LOAD CABLES TO THE EXISTING DISTRIBUTION EQUIPMENT AS ORIGINALLY TERMINATED.

TRANSFORMER GROUNDING NOTES:

FOR ALL STEP-DOWN TRANSFORMERS, AND CODE DICTATED SEPERATELY DERIVED SYSTEMS THE CONTRACTOR SHALL INSTALL A GROUND ELECTRODE CONDUCTOR FROM THE EQUIPMENT TO THE BUILDING HOGAN GROUNDING SYSTEM PER CODE. CONDUCTORS ARE TO BE IN CONDUIT SIZED PER TABLE 250.66 IN SECTION 250 OF THE CHICAGO ELECTRICAL CODE, 2018 EDITION. FOR REFERENCE TRANSFORMERS AS SIZED BELOW SHALL RECIEVE A CONDUCTOR IN CONDUIT FROM THE PROPOSED SEPERATELY DERIVED SYSTEM/TRANSFORMER TO THE NEAREST HOGAN GROUND BOX. SEE BELOW FOR 480V-120/208V TRANSFORMERS GROUND SIZING:

- 3, 6, 9, 15KVA TRANSFORMER, 3/4"C W/ 1#8GRD
- 30KVA TRANSFORMER, 3/4"C W/ 1#6GRD
- 45KVA TRANSFORMER, 1"C W/ 1#4GRD
- 75KVA TRANSFORMER, 1"C W/ 1#2GRD
- 112.5KVA TRANSFORMER, 1 1/4"C W/ 1#2/0GRD
- 150KVA TRANSFORMER, 1 1/4"C W/ 1#2/0GRD
- 225KVA TRANSFORMER, 1 1/2"C W/ 1#3/0GRD
- 300KVA TRANSFORMER, 1 1/2"C W/ 1#4/0GRD

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudiORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
A member company of SH Group, Inc.

MILHOUSE

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE: **C.O.C.A.002.01**

ELECTRICAL GRAPHIC KEYS

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER: **E0.01** VOLUME: **3**

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LIGHTING

SYMBOL	DESCRIPTION
	CEILING/WALL EXIT LIGHT AND OUTLET BOX, LED TYPE, SELF CONTAINED, WITH BATTERY PACK: - SHADED AREA INDICATES ILLUMINATED FACE(S) - ARROW INDICATES DIRECTION
b70 A, A, B	LIGHTING FIXTURE: CAPITAL LETTER AT THE TOP OF FIXTURES DENOTES TYPE. SMALL LETTER AND NUMBER AT SIDE OF FIXTURE DENOTES ZONING. NUMBER AT BOTTOM OF FIXTURE DENOTES CIRCUIT NUMBER.
A, EM, EM	LIGHTING FIXTURE ON EMERGENCY CIRCUIT. CAPITAL LETTER DENOTES FIXTURE TYPE
	ENCLOSED AREA DENOTES LIGHTING CONTROL ZONE AND CIRCUITING
NOTE: SEE LIGHT FIXTURE SCHEDULE AND SPECIFICATIONS FOR COMPLETE FIXTURE DESCRIPTION.	

WIRING DEVICES

SYMBOL	DESCRIPTION
T, $a,b	LINE VOLTAGE SWITCH - LOWER CASE LETTER DENOTES SWITCHING ZONES - "T" DENOTES SWITCH TYPE: MC - MOMENTARY CONTACT D - DIMMER WP - WEATHER PROOF XP - EXPLOSION PROOF
$a,b	LOW VOLTAGE SWITCH
	CEILING MOUNTED OCCUPANCY SENSOR
	WALL MOUNTED OCCUPANCY SENSOR
	CEILING MOUNTED PHOTOCELL CONTROLLER
	WALL MOUNTED PHOTOCELL CONTROLLER
LC	LIGHTING CONTACTOR
TC	TIME CLOCK
RC	REMOTE CONTROL SWITCH
	PUSH BUTTON
	SIMPLEX RECEPTACLE WALL MOUNTED
	DUPLEX RECEPTACLE WALL MOUNTED (SHADE 'FOR EMERGENCY,' 'G' FOR GFCI)
	QUAD RECEPTACLE WALL MOUNTED
	SPECIAL RECEPTACLE WALL MOUNTED
	SIMPLEX RECEPTACLE CEILING MOUNTED
	DUPLEX RECEPTACLE CEILING MOUNTED
	QUAD RECEPTACLE CEILING MOUNTED
	SPECIAL RECEPTACLE CEILING MOUNTED
	SIMPLEX RECEPTACLE FLUSH FLOOR MOUNTED
	DUPLEX RECEPTACLE FLUSH FLOOR MOUNTED
	QUAD RECEPTACLE FLUSH FLOOR MOUNTED
	SPECIAL RECEPTACLE FLUSH FLOOR MOUNTED
	MULTI-SERVICE POWER AND DATA POKE THRU
	JUNCTION BOX RECESSED WALL MOUNTED
	JUNCTION BOX RECESSED CEILING MOUNTED
J	JUNCTION BOX RECESSED FLUSH FLOOR MOUNTED

LIGHTNING PROTECTION & GROUNDING

SYMBOL	DESCRIPTION
L	- 'L' DENOTES LIGHTNING PROTECTION MAIN CONDUCTOR
	LIGHTING PROTECTION AIR TERMINAL
	THRU ROOF PENETRATION CABLE IN CONDUIT
	THRU ROOF PENETRATION TO STEEL
	FULL DOWNLEAD TO GROUND
	STEEL COLUMN BOND TO GROUND
	EXPOSED DOWNLEAD TO GROUND
G	- 'G' DENOTES COUNTERPOISE/GROUND CABLE
	TRIANGULAR GROUND GRID - THREE 3/4" x 10'-0" RODS SPACED 30'-0" MINIMUM APART INTERCONNECTED WITH 4/0 COPPER CONDUCTOR.
TW	GROUND ELECTRODE 3/4" COPPER ROD, 10'-0" DEEP - "TW" INDICATES TEST WELL
	GROUND ELECTRODE CONNECTION TO EQUIPMENT
	2"x1/4" COPPER GROUND BUS BAR, LENGTH AS INDICATED ON PLANS.
	GROUND PLATE CONNECTION SOLID COPPER, 24"x24"x20 GA.

POWER

SYMBOL	DESCRIPTION
4X XX#	UNFUSED DISCONNECT SWITCH WITH RATING => UPSTEAM PROTECTIVE DEVICE - '4x' DENOTES NEMA ENCLOSURE IF INDICATED - 'XX' DENOTES DISCONNECT FRAME SIZE
4X F #200	FUSED DISCONNECT SWITCH - NUMERICAL DENOTES FUSE SIZE - '4x' DENOTES NEMA ENCLOSURE IF INDICATED
4X CB #225	ENCLOSED CIRCUIT BREAKER - NUMERICAL DENOTES TRIP SIZE - '4x' DENOTES NEMA ENCLOSURE IF INDICATED
4X	MOTOR CONTROLLER: - '4x' DENOTES NEMA ENCLOSURE IF INDICATED
4X VFD	VARIABLE FREQUENCY DRIVE CONTROLLER - '4x' DENOTES NEMA ENCLOSURE IF INDICATED
4X #400	COMBINATION DISCONNECT SWITCH/CONTROLER - NUMERICAL DENOTES FUSE/TRIP SIZE - '4x' DENOTES NEMA ENCLOSURE IF INDICATED
4X VFD #	COMBINATION DISCONNECT SWITCH/CONTROLLER VARIABLE FREQUENCY DRIVE - '4x' DENOTES NEMA ENCLOSURE IF INDICATED
S	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD
	FLEXIBLE CONNECTION
PB	PULLBOX
T4	TRANSFORMER, SEE SCHEDULE FOR RATING
ATS	AUTOMATIC TRANSFER SWITCH, SEE RISER DIAGRAM FOR RATING
R6	RELAY - NUMERAL DENOTES NUMBER OF POLES
	SURFACE MOUNTED PANELBOARD
	FLUSH MOUNTED PANELBOARD
	FLOOR MOUNTED DISTRIBUTION/SWITCHBOARD
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	CONDUIT CAPPED
US	CONDUIT UNDER SLAB
IS	CONDUIT IN SLAB
UG	CONDUIT UNDERGROUND

MISCELLANEOUS

SYMBOL	DESCRIPTION
P380	FEEDER SIZE, SEE FEEDER SCHEDULE
#	REFERENCE NOTE
A E-3	DETAIL REFERENCE: - DETAIL DESIGNATION - SHEET NUMBER REFERENCE
EF 1	EQUIPMENT REFERENCE. COORDINATE EQUIPMENT WITH MECHANICAL/PLUMBING TRADES. SEE MECHANICAL/PLUMBING DRAWINGS FOR LOCATIONS.
NDP-E3B1-A	CONDUIT TAG, SEE SINGLE LINE DIAGRAM AND FEEDER SCHEDULE.

SINGLE LINE DIAGRAM

SYMBOL	DESCRIPTION
PANEL	PANELBOARD, SEE PANEL SCHEDULE FOR RATING
	FEEDER
BW	BUSWAY
LSI TRIP	MOLDED CASE CIRCUIT BREAKER: - 'TEXT' DENOTES CB ACCESSORIES ST, ET, GFP, EO, LSI TRIP FUNCTIONS - NUMERICAL DENOTES TRIP SIZE
GFP TRIP	LOW VOLTAGE DRAW OUT CIRCUIT BREAKER: - 'TEXT' DENOTES CB ACCESSORIES - NUMERICAL DENOTES TRIP SIZE
GFP FUSE	LOW VOLTAGE FUSE/SWITCH UNIT - 'TEXT' DENOTES FUSE ACCESSORIES ST, GFR, EO, LO, LOCK OUT PROVISIONS - NUMERICAL DENOTES FUSE SIZE
GFP FUSE	MEDIUM VOLTAGE DRAWOUT FUSE/SWITCH UNIT - 'TEXT' DENOTES FUSE ACCESSORIES - NUMERICAL DENOTES FUSE SIZE
LSI	MEDIUM VOLTAGE DRAW OUT CIRCUIT BREAKER WITH INTEGRAL TRIP UNIT
SPARE TRIP	SPARE SWITCH IN DISTRIBUTION EQUIPMENT
SPACE TRIP	SPACE IN DISTRIBUTION EQUIPMENT
SA 12KV	INTERMEDIATE CLASS MOV SURGE ARRESTER - NUMERICAL DENOTES ARRESTER RATING
ST TRIP	ENCLOSED CIRCUIT BREAKER - 'TEXT' DENOTES CB ACCESSORIES - NUMERICAL DENOTES TRIP SIZE
ST TRIP	ENCLOSED SAFETY DISCONNECT SWITCH - 'TEXT' DENOTES FUSE ACCESSORIES - NUMERICAL DENOTES SWITCH SIZE
ST FUSE	ENCLOSED FUSED DISCONNECT SWITCH - 'TEXT' DENOTES FUSE ACCESSORIES - NUMERICAL DENOTES SWITCH SIZE
N S E L ATS-# CONN AMPS	AUTOMATIC TRANSFER SWITCH
ATS-# CONN AMPS	AUTOMATIC TRANSFER SWITCH W/BYPASS ISOLATION
G	GENERATOR
M	MOTOR
KI	KEY INTERLOCK
51	RELAY NUMERICAL INDICATES TYPE
M	UTILITY METER
M V A	DIGITAL MULTIFUNCTION METER WITH CURRENT/POTENTIAL TRANSFORMER AS REQUIRED
M	DIGITAL ENERGY METER
200/5	CURRENT TRANSFORMER: - '200/5' DENOTES CT RATIO IF INDICATED
1	POTENTIAL TRANSFORMER: - NUMERICAL DENOTES QUANTITY OF FUSES
	DELTA CONNECTION
	WYE CONNECTION
	INVERTER
	RECTIFIER
	BATTERY
XMFR-1 75KVA 480V- 208/120	TRANSFORMER WITH PRIMARY AND SECONDARY CONNECTIONS AS INDICATED ON RISER DIAGRAM.
VFD	COMBINATION DISCONNECT SWITCH/ CONTROLLER VARIABLE FREQUENCY DRIVE -"4X" DENOTES NEMA ENCLOSURE IF INDICATED

4B-013 - T3 Improvements & Supplemental Bagroom

Discipline	Scope Description	Task(s) to be Completed
Electrical		
	Phasing	It is assumed that the existing bag claim will have to remain operational until new bag claim will be built and that portions of the existing systems will run simultaneously. Detailed phasing plan of cutovers within the bag room being developed by the BHS team and will need to be coordinated with the CMAR after the 60% submission. In addtion, it is assumed that there will have to be temporary HVAC and power required to accommodate the removal and replacement of the existing units in the penthouse. This will be further developed once the CMAR is on board.
	Program requirements	60% design assumes the following. (5) Kitchens, (2) by SSCP and (2) by the H/K concourse, and (1) in the new AA lounge. The (2) kitchens at the H/K concourse will require units on the roof Kitchenette in the USO space SSCP and restroom layouts per CDA revisions on 3/6. Mechanical will asssume old screening machines without A/C units for worst case cooling loads. Electrical and plumbing will assume new screening machnies with A/C units for worst case electrical loads and plumbing requirements. Utilities for these items are shown on the drawings. Detailed coordination with other trades will occur after the 60% submission.
	Displaced program	It is assumed program will be relocated within the building as part of this project. MEP services for these areas are shown on the drawings, however, the details of the program relocation as are to be coordinated after the 60% submission.
	Rotunda and OGT coordination	Scope of this project ends at face of concourse. ROW for future OGT conveyors within T3 are part of the T3 scope. Details of the new work and relocation of any existing systems within the ROW of the future OGT conveyors within T3 are in progress at this time and will be further developed and coordinated after the 60% design.There are several existing mechanical utilities that will be impacted by the future OGT conveyor ROW and will require relocation.
	Existing Conditions	Drawings are based on site visits that have occurred as of 3/8 and have not included invasive surveys to validate all existing conditions. Additional invasive surveys will be required to be performed by the contractor who will provide a report of findings prior to starting any work.
	Asset management tagging.	New equipment is being tagged using the lastest version of the asset management tags as discussed with CDA/CCA as of 12/19/22. This version is still being reviewed by the CDA and may change at a later date. Further coordination with CDA will be required after the 60% submission
	Equipment pads	New equipment is to be provided with equipment pads per CDA specifications. Pads not yet shown on drawings and to be coordinated after the 60% submission.
	Utility routing	New and relocated utility mains (duct work, piping, and conduits) are shown but not yet coordinated with architectural, structural, or BHS elements. It is anticipated that some of the routings shown may change to resolve clashes. Coordination to take place after the 60% submission.
	Asbestos discovery and remediaton	Asbestos discovery and remediation are not anticipated as part of the scope of this project. It is assumed that the CDA will perform a study and remediation prior to the start of work for this project.
	BHS electrical loads	30% loads based on information received on 11/2. SHG assuming 22 480V, 3-Phase, 30kW chargres with no diversity. At this point it appears the existing Network Centers have adequate capacity for the modifications. Loading for each Network Center and load letters for ComEd to be provided after the 60% submission.
	Power and receptacle layouts/programming for all areas	General convenience receptacles are to be provided throughout the project. General locations are shown as placeholders for the 60% submission. Detailed locations are to be confirmed with the owner and architect and coordinated after the 60%. All new receptacles will be fed from existing T3 panels serving the areas in which they are located.
	Concession power distribution.	Each new concession space will be provided with a new 480V service from a new meter. Feeder will be brought to the general concession area and terminated below the slab. It is assumed that the concessionaire will extend the feeder as needed for their layouts and provide their own 208/120V step down transformer within their space as needed. Preliminary locations for new meter banks shown. Final locations to be confirmed and coordinated with other trades and program after the 60% submission.
	Relocated electrical closet risers.	Feeders serving the upper and mezzanine level electrical closts that are impacted by the removal of existing chases/risers are indicated on the single line drawings. Detailed routing of new risers is in progress and partially shown on the plans. Further coordination with exisiting conditions will be required after the 60% submission.
	Existing cathodic protection	It is assumed that the existing cathodic protection at the VSR is to remain and be protected during construction. No new cathodic protection is anticipated at this stage.
	Upper Level SSCP electrical closets	New SSCP layout provided on 3/6 requires the relocation of an existing electrical closet. This relocated equipment will be combined with the new panels for the new SSCP layouts and located in the new SSCP electrical room. Final sizing and layout of this room is in progress and will be further coordinated with the architecture team after the 60% submission.
	New elevator feeders	It is assumed that the new elevator will be powered with a new feeder from the same source as the existing elevator that is being demolished. Confirmation of feeders to be demolished and breakers for new feeders is in progress and will be further coordinated after the 60% submission.
	Lighting changes	Lighting layouts revised based on the 3/6 updates are still being updated. Updates to the emergecny lighting layouts are in progress and will be further coordinated after the 60% submission.

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
A member company of SH Group, Inc.

MILHOUSE

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

ELECTRICAL ABBREVIATIONS

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E0.02

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KEYED NOTES #

1 APPROXIMATE LOCATION OF NETWORK CENTER 5604
2 APPROXIMATE LOCATION OF NETWORK CENTER 5612
3 APPROXIMATE LOCATION OF NETWORK CENTER 5614
4 LOCATION OF NETWORK CENTER 5611
5 NEW BHS PDP. PROVIDE NEW FEED FROM AAL-9NDSF3. ROUTE NEW CONDUIT AS SHOWN. REFER TO ENLARGED PLAN AND SINGLE LINES FOR ADDITIONAL DETAILS. COORDINATE EXACT LOCATION WITH BHS DRAWINGS.
6 NEW BHS MOTOR PANELS. FEEDS FROM NEW PDP TO MOTOR PANELS BY BHS CONTRACTOR.
7 NEW CONDUITS SERVING NEW BHS PDP-B ON THE LOWER LEVEL. ROUTE DOWN TO TS-9LLL IN VAULT 8 ELECTRICAL ROOM AT TUNNEL LEVEL. REFER TO ENLARGED PLAN FOR MORE INFORMATION.
8 NEW CONDUITS SERVING NEW BHS PDP-A ON THE LOWER LEVEL. ROUTE DOWN TO TS-8KK IN VAULT 7 ELECTRICAL ROOM AT TUNNEL LEVEL. REFER TO ENLARGED PLAN FOR MORE INFORMATION.
9
10 NEW CONDUITS SERVING RELOCATED PANEL AA-9H-L11. ROUTE DOWN THROUGH BASEMENT LEVEL TO TS-8KK IN VAULT 7 ELECTRICAL ROOM AT TUNNEL LEVEL. REFER TO ENLARGED PLAN FOR MORE INFORMATION.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
4. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
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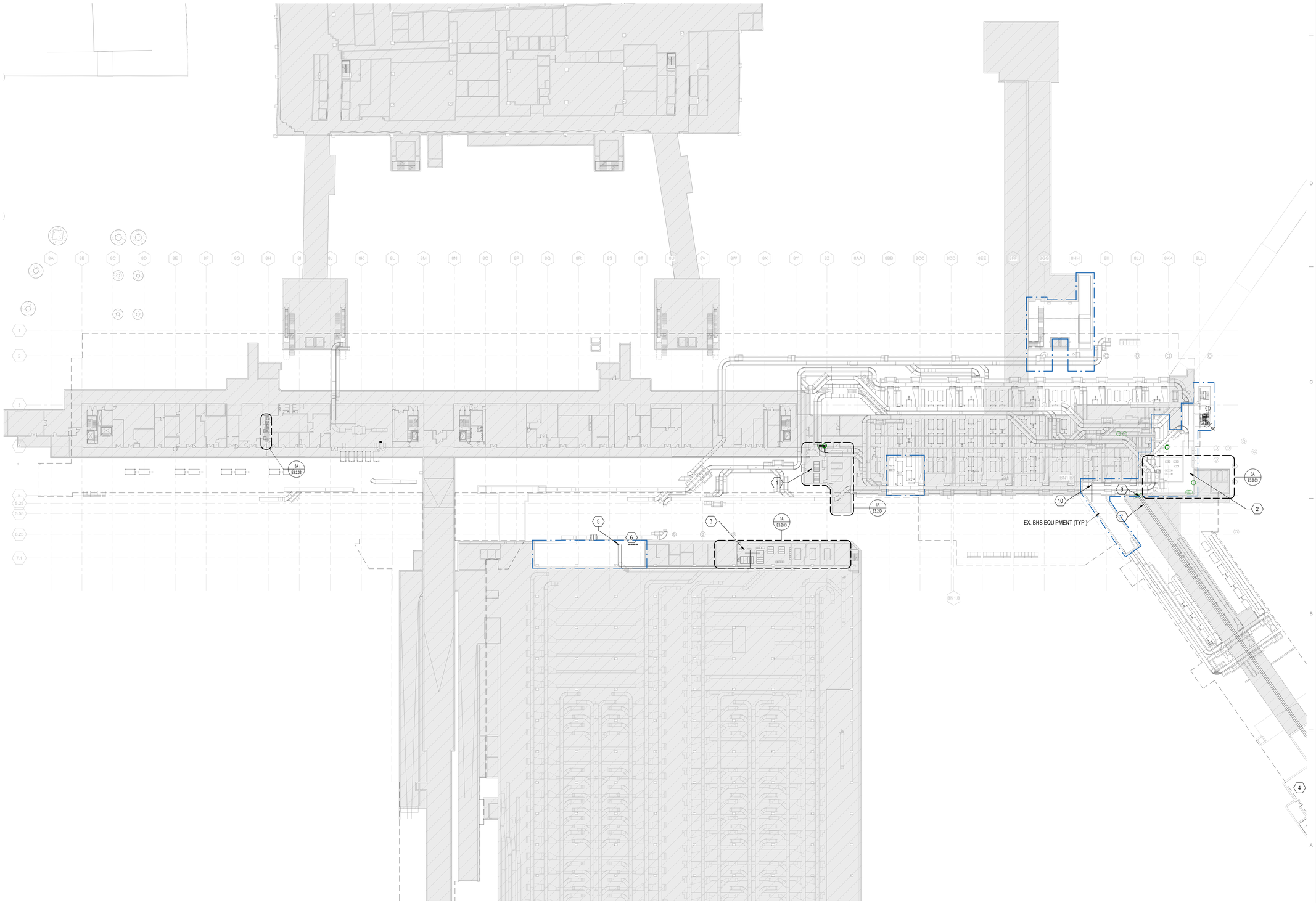
6. MAINTAIN FIRE RATING OF EXISTING WALLS AND SLABS WHERE NEW CONDUIT PENETRATIONS ARE REQUIRED.
7. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ELECTRICAL DEVICES AND EQUIPMENT IN FIELD.
8. HATCHED AREA(S) SHOW EXTENT OF THE PROPOSED AREA OF WORK. THIS WORK IS TO INCLUDE ALL ELECTRICAL EQUIPMENT AND THE RECONFIGURATION OF ASSOCIATED CONDUITS, CONDUCTORS, HANGERS, SUPPORTS, LIGHT FIXTURES, AND OTHER ASSOCIATED APPURTENANCES. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL SYSTEMS ELECTRICALLY SAFE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED FOR THE PHASING OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
10. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.



1A OVERALL ELECTRICAL POWER PLAN - BASEMENT LEVEL

1/32" = 1'-0"

0 16'-0" 32'-0" 64'-0" 128'-0"

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NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
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10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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MILHOUSE

NOTES

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NO.	DATE	DESCRIPTION

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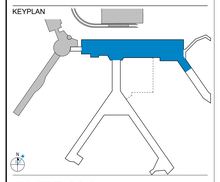
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN



OVERALL ELECTRICAL ZONING PLAN - BASEMENT LEVEL

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER: **E1.0.01** VOLUME: **3**

3/22/2023 3:02:26 PM

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1. AREA(S) SHOW EXTENT OF THE PROPOSED AREA OF WORK. THIS WORK IS TO INCLUDE ALL ELECTRICAL EQUIPMENT AND THE RECONFIGURATION OF ASSOCIATED CONDUITS, CONDUCTORS, HANGERS, SUPPORTS, LIGHT FIXTURES, AND OTHER ASSOCIATED APPURTENANCES. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL SYSTEMS ELECTRICALLY SAFE PRIOR TO THE START OF ANY WORK.
2. NEW ELECTRICAL ROOM TO REPLACE EXISTING ELECTRICAL ROOM BEING DEMOLISHED. CONTRACTOR TO RECONFIGURE BRANCH CIRCUIT WIRING AS REQUIRED TO FEED PROPOSED ELECTRICAL EQUIPMENT.
3. ELECTRICAL SHAFT TO BE RELOCATED. ELECTRICAL FEEDERS, CONDUIT, AND CONDUCTORS TO BE RECONFIGURED AS REQUIRED TO FEEDER EXISTING AND PROPOSED ELECTRICAL ROOMS AND BRANCH CIRCUIT DEVICES.
4. NEW MANHOLE AND UNDERGROUND DUCT BANK FEEDING STINGER SERVICE DISCONNECT. DUCT BANK SHALL BE ROUTED FROM COMED NETWORK CENTER 5612 BELOW. REFER TO DEMO DRAWINGS FOR LOCATION OF EXISTING DUCT BANK BEING REMOVED. REFER TO ENLARGED PLANS FOR MORE DETAILS. COORDINATE WORK WITH EXISTING UTILITIES AND WITH COMED. PROVIDE TEMPORARY POWER TO MAINTAIN SERVICE TO THE STINGER DURING CUTOVER. CUTOVER SHALL NOT IMPACT DAILY OPERATION OF THE STINGER.
5. EXISTING JET BRIDGE AND GPU DISCONNECTS. UTILIZE EXISTING CIRCUIT IN AAL-9H-L11 AND PROVIDE NEW FEEDER AS SHOWN. REFER TO DEMOLITION DRAWINGS FOR MORE DETAILS.
6. EXISTING PCA DISCONNECT. UTILIZE EXISTING CIRCUIT IN ALL-9H-L11A AND PROVIDE NEW FEEDER AS SHOWN. REFER TO DEMOLITION DRAWINGS FOR MORE DETAILS.
7. EXISTING POTABLE WATER CABINET DISCONNECT. UTILIZE EXISTING CIRCUIT IN AAL-9L-L11A AND PROVIDE NEW FEEDER AS SHOWN. REFER TO DEMOLITION DRAWINGS FOR MORE DETAILS.

GENERAL NOTES

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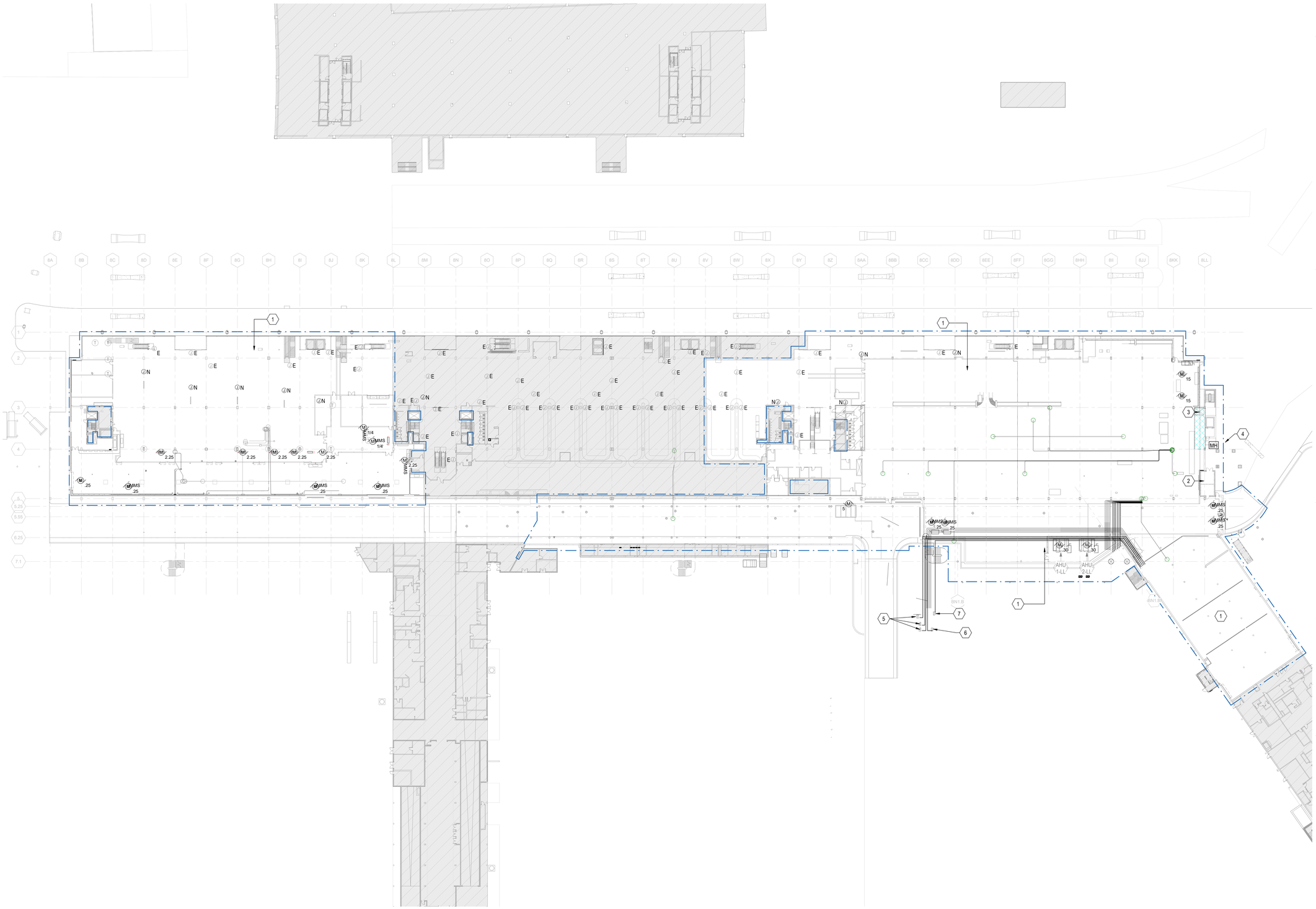

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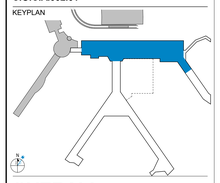

OVERALL ELECTRICAL ZONING PLAN - LOWER LEVEL

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E1.0.02

3/22/2023 3:03:22 PM

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2. EXISTING ELECTRICAL ROOM TO REMAIN. CONTRACTOR TO RECONFIGURE BRANCH CIRCUIT WIRING AS REQUIRED TO FEED PROPOSED ELECTRICAL EQUIPMENT. RE-FEED EXISTING PANELS AS REQUIRED PER SHAFT RELOCATION NOTED ON THE LOWER LEVEL.
3. PROVIDE NEW BRANCH CIRCUIT WIRING. CONTRACTOR MAY ELECT TO ROUTE THE CONDUCTORS UTILIZING THE EXISTING WALKER DUCT SYSTEM TO EXTENT POSSIBLE.
4. PROPOSED CONNECTION TO PBB POWER, PCA, AND GPU (FEEDER, CONDUIT, CONDUCTORS, SUPPORTS, AND ASSOCIATED APPURTANCES) TO BE REUSED TO THE EXTENT POSSIBLE. REFER TO SINGLE-LINE FOR ADDITIONAL DETAILS ON EXISTING INFRASTRUCTURE THAT MAY REMAIN FOR REUSE. PROVIDE NEW AS NOTED/REQUIRED ON THE SINGLE-LINE DIAGRAMS. CONTRACTOR TO PROVIDE NEW FEEDS TO HVAC UNITS FOR THE NEW FIXED PORTION OF THE BRIDGE.
5. NEW PANELS TO SERVE (2) NEW CONCESSIONS WITH KITCHENS.
6. CONTRACTOR SHALL PROVIDE CONVENIENCE RECEPTACLES AND POWER FOR ELECTRIFIED FURNITURE WITHIN PROPOSED HOLDROOM AREA. CONTRACTOR SHALL ROUTE ALL BRANCH CIRCUITS BACK TO NEAREST ELECTRICAL ROOM/PANEL.
7. CONTRACTOR SHALL PROVIDE GENERAL POWER FOR PROPOSED USO AREA, THIS SHALL INCLUDE POWER TO PROPOSED KITCHENETTE. CONTRACTOR SHALL ROUTE ALL BRANCH CIRCUITS BACK TO THE PROPOSED ELECTRICAL ROOM.
8. CONTRACTOR TO ROUTE TSA SSCP SECURITY SCREENING EQUIPMENT BACK TO PROPOSED ELECTRICAL ROOM PANELS.
9. CONTRACTOR TO PROVIDE NEW EXPANSION AND RENOVATION FOR AIRLINE SUPPORT WITHIN THIS AREA.
10. PROPOSED POKE-THRU CONNECTIONS FOR ELECTRIFICATION OF FFE, LOCATION TO BE CONSIDERED A PLACE HOLDER TILL FINAL FFE SELECTION AND LAYOUT IS DETERMINED BY THE CDA AND COORDINATED WITH THE AOR/CMR. EXACT POKE-THRU TYPE WILL NEED TO BE COORDINATED WITH FURNITURE SELECTION. INPOWER FLEX 3 MODULE TO BE USED PER EVERY PAIR OF SEATS (TYPICAL).
11. CONTRACTOR TO PROVIDE RESTROOM EXPANSION AND RENOVATION WITHIN THIS AREA.
12. CONTRACTOR TO PROVIDE 6 NEW SSCP LANES AND AIRLINE SUPPORT ROOM WITHIN THIS AREA.
13. CONTRACTOR TO PROVIDE 4 NEW SSCP LANES AND AIRLINE SUPPORT ROOM WITHIN THIS AREA.
14. EXISTING WALKER-DUCT SYSTEM TO REMAIN, CONTRACTOR MAY ELECT TO REUSE WALKER-DUCT SYSTEM AS REQUIRED. CONTRACTOR TO VERIFY WALKER DUCT SYSTEM IN FIELD.

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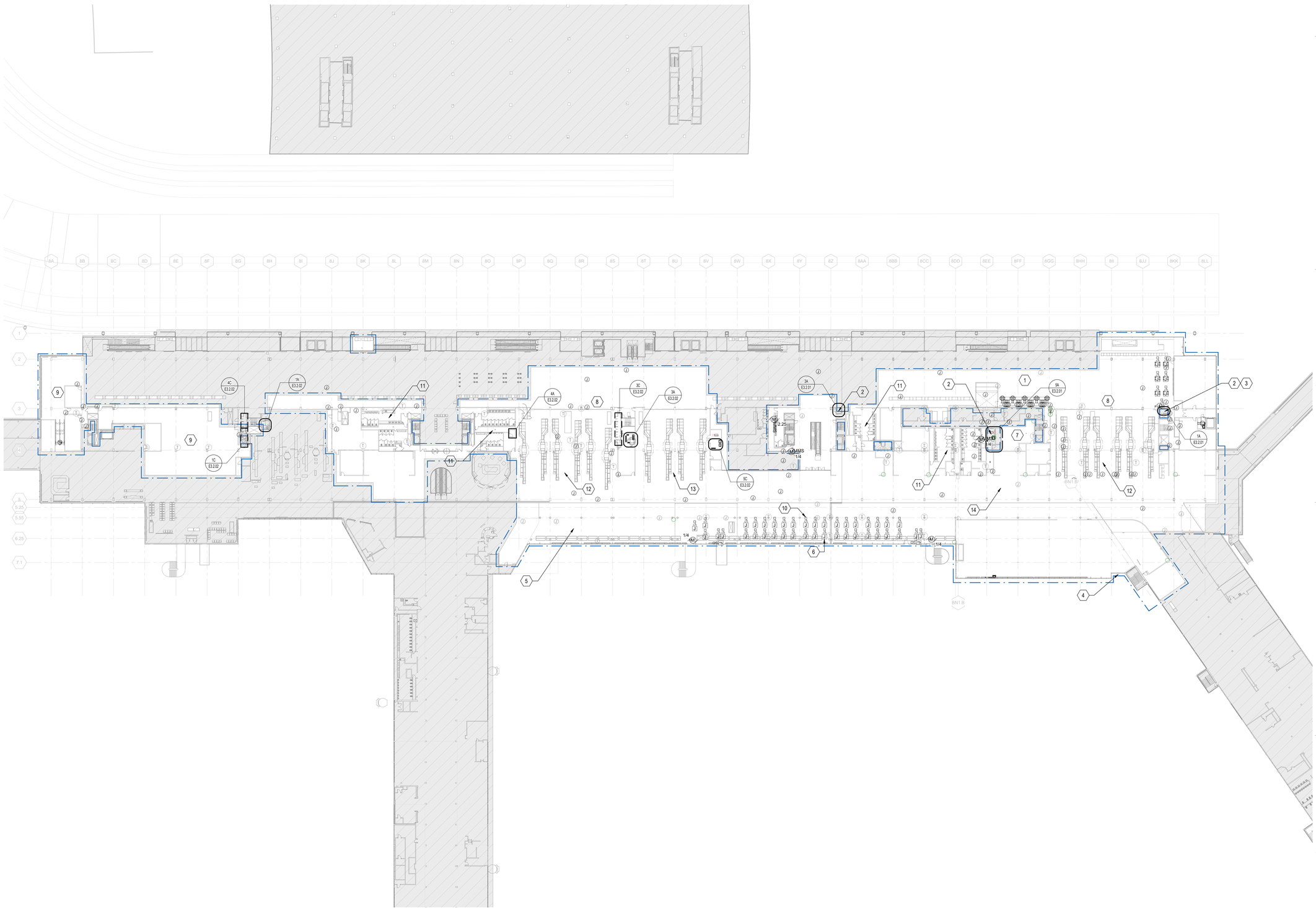

1A OVERALL ELECTRICAL POWER PLAN - UPPER LEVEL

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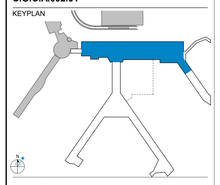
KEYPLAN



OVERALL ELECTRICAL ZONING PLAN - UPPER LEVEL

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER **E1.0.03** VOLUME: **3**

3/22/2023 3:04:04 PM

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KEYED NOTES #

1 EXISTING ELECTRICAL ROOM TO REMAIN. CONTRACTOR TO RECONFIGURE BRANCH CIRCUIT WIRING AS REQUIRED TO FEED PROPOSED ELECTRICAL EQUIPMENT.

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3 CONTRACTOR TO MODIFY EXISTING MCC AND PROVIDE NEW OVERCURRENT PROTECTION DEVICE IN EXISTING MCC BUCKET SPACE. PROVIDE BLANK COVER AS REQUIRED.

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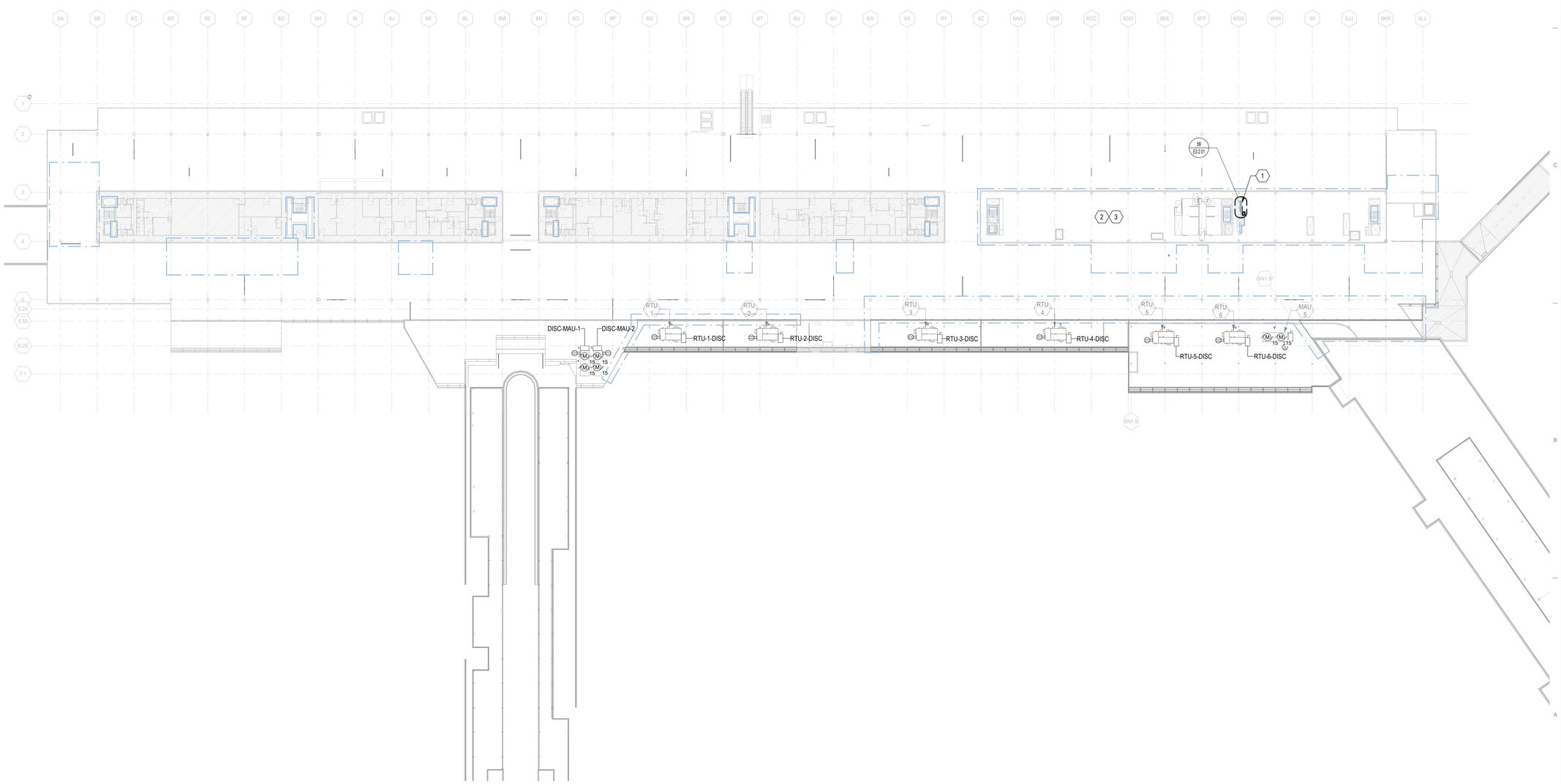

1A OVERALL ELECTRICAL POWER PLAN - MEZZANINE LEVEL

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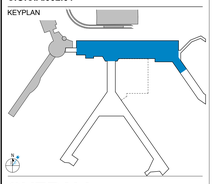

OVERALL ELECTRICAL ZONING PLAN - MEZZANINE LEVEL

DRAWN BY: **FK** CHECKED BY: **MC**
SHEET NUMBER **E1.0.04** VOLUME: **3**

3/22/2023 3:04:46 PM

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KEYED NOTES #

1 PROVIDE POWER FEED TO NEW AIR HANDLING UNIT (AHU). MECHANICAL CONTRACTOR IS TO PROVIDE AHU WITH A SINGLE-POINT OF ELECTRICAL CONNECTION. CONTRACTOR TO PROVIDE NEW WIRING FROM DESIGNATED PANEL SHOWN. EXISTING CONDUIT MAY BE RE-USED TO EXTENT POSSIBLE. PROVIDE NEW CONDUIT AS REQUIRED. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON DRAWING E-XXX FOR ELECTRICAL REQUIREMENTS (TYP).

3 PROPOSED EXHAUST FAN. CONTRACTOR TO PROVIDE POWER TO EXHAUST FAN AT THIS LOCATION UTILIZING NEW CONDUIT AND WIRING THROUGH A MANUAL MOTOR STARTER SWITCH (MMS) FROM DESIGNATED PANEL SHOWN. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON DRAWING E-XXX FOR ADDITIONAL ELECTRICAL REQUIREMENTS. FINAL ROUTING TO BE COORDINATED IN THE FIELD (TYP).

4 PROVIDE VFD FOR NEW FAN AT THIS LOCATION. PROVIDE NEW CONDUIT FROM MCC TO DISCONNECT SWITCH TO THE EXTENT POSSIBLE. PROVIDE NEW VFD TO MOTOR. PROVIDE NEW WIRING FROM MCC TO MOTOR. PROVIDE NEW CIRCUIT BREAKER IN EXISTING MCC BUCKET (TYP). REFER TO ELECTRICAL EQUIPMENT SCHEDULE, SHEET XXX, FOR WIRE AND CONDUIT SIZES. FOR MCC WORK REQUIRED, REFER TO MCC ELECATION DRAWINS, SHEETS XXX THRU XXX.

5 PROVIDE POWER TO NEW PUMP AT THIS LOCATION FROM SOURCE AS SHOWN (TYP). REFER TO ELECTRICAL EQUIPMENT SCHEDULE FOR ELECTRICAL REQUIREMENTS.

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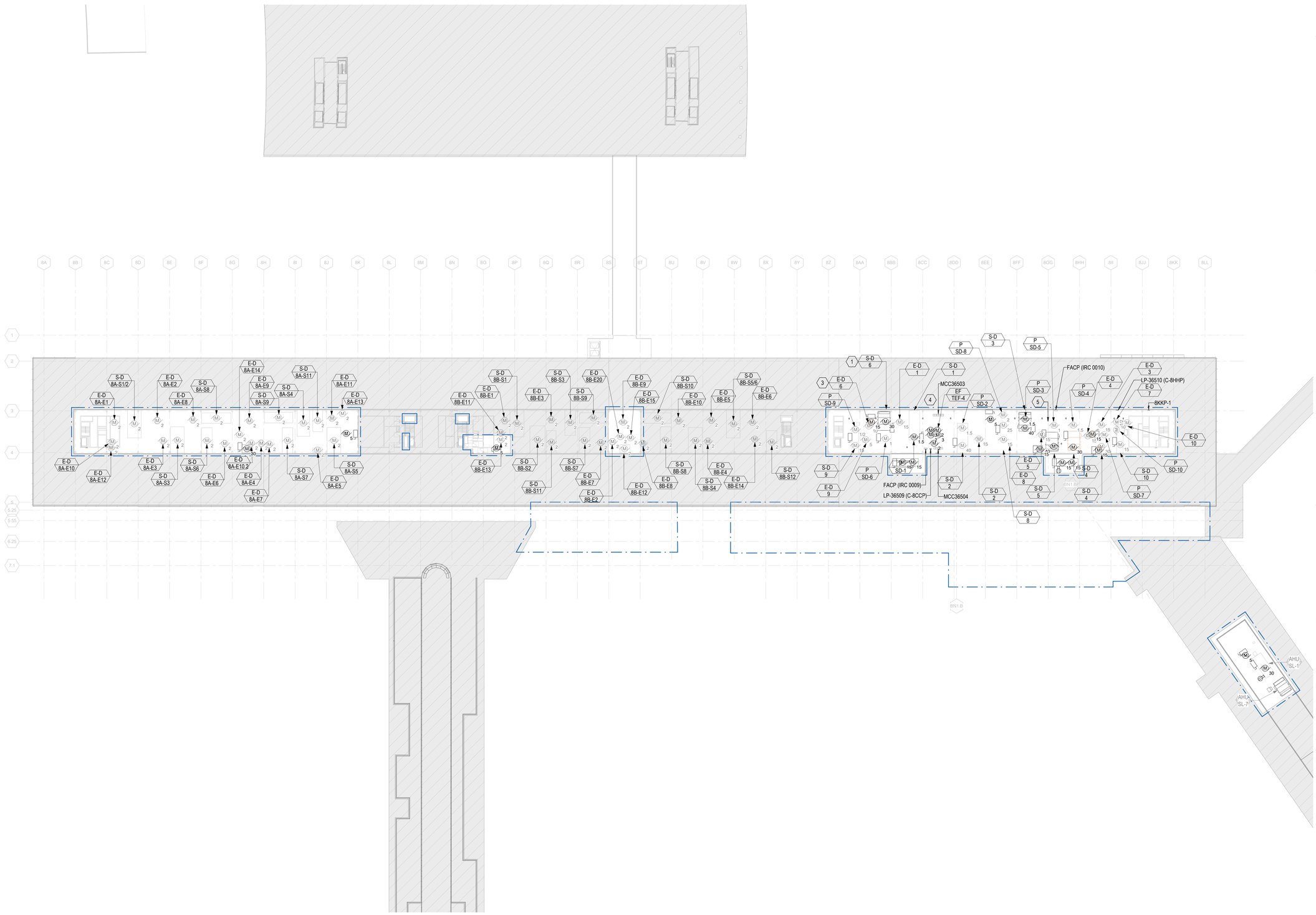
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
4. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
5. ALL EQUIPMENT SHOWN IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
6. MAINTAIN FIRE RATING OF EXISTING WALLS AND SLABS WHERE NEW CONDUIT PENETRATIONS ARE REQUIRED.
7. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ELECTRICAL DEVICES AND EQUIPMENT IN FIELD.
8. HATCHED AREA(S) SHOW EXTENT OF THE PROPOSED AREA OF WORK. THIS WORK IS TO INCLUDE ALL ELECTRICAL EQUIPMENT AND THE RECONFIGURATION OF ASSOCIATED CONDUITS, CONDUCTORS, HANGERS, SUPPORTS, LIGHT FIXTURES, AND OTHER ASSOCIATED APPURTENANCES. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL SYSTEMS ELECTRICALLY SAFE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED FOR THE PHASING OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
10. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.



1A OVERALL ELECTRICAL POWER PLAN - PENTHOUSE

1/32" = 1'-0"

0 16'-0" 32'-0" 64'-0" 128'-0"

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CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
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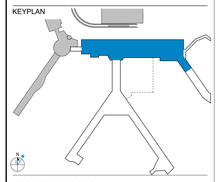
KEYPLAN



OVERALL ELECTRICAL ZONING PLAN - PENTHOUSE

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CHECKED BY: **MC**
SHEET NUMBER
VOLUME: **3**

E1.0.05

3/22/2023 3:05:25 PM

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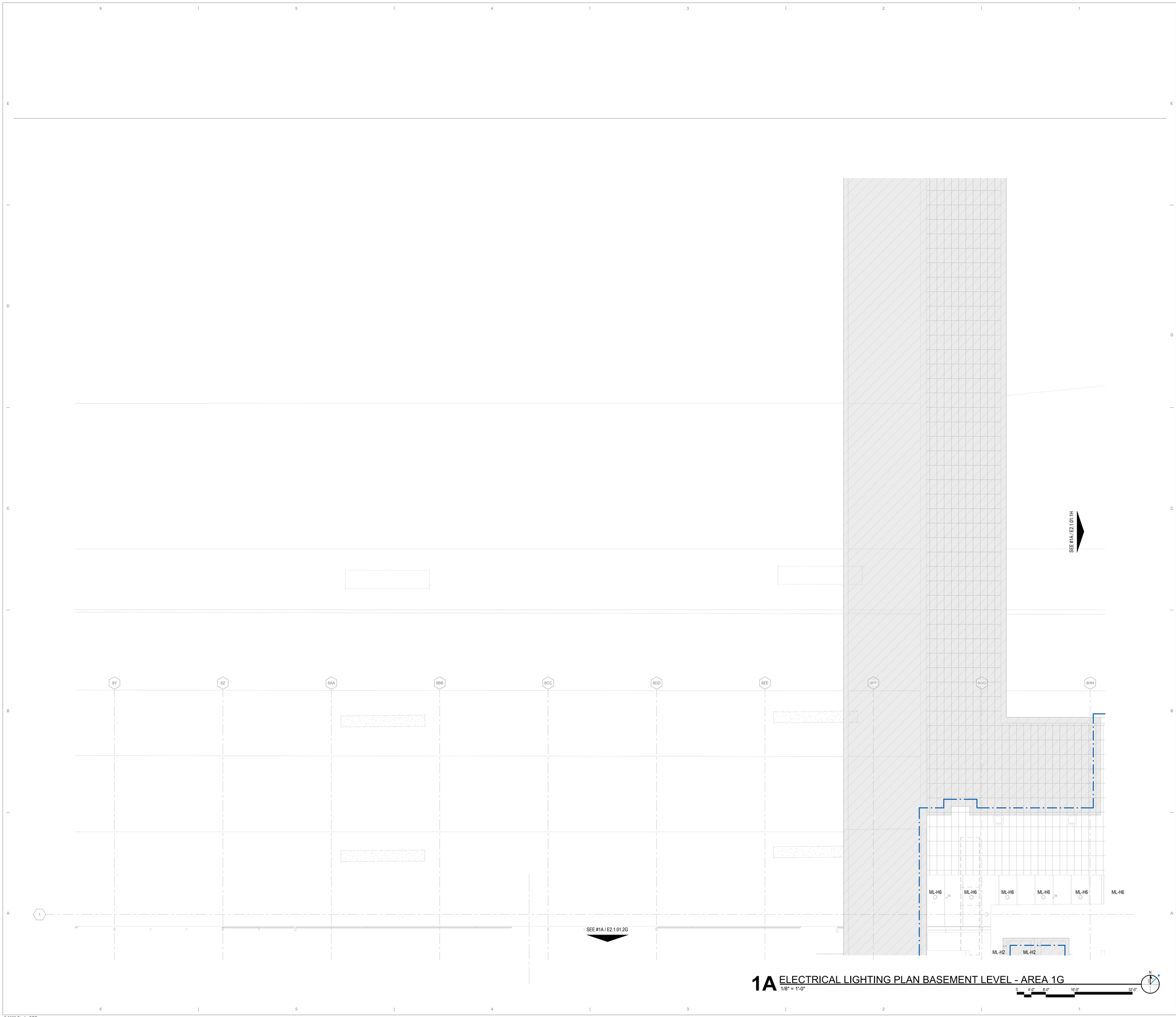

1A ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 1G
1/8" = 1'-0"

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ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 1G

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.1.01.1G

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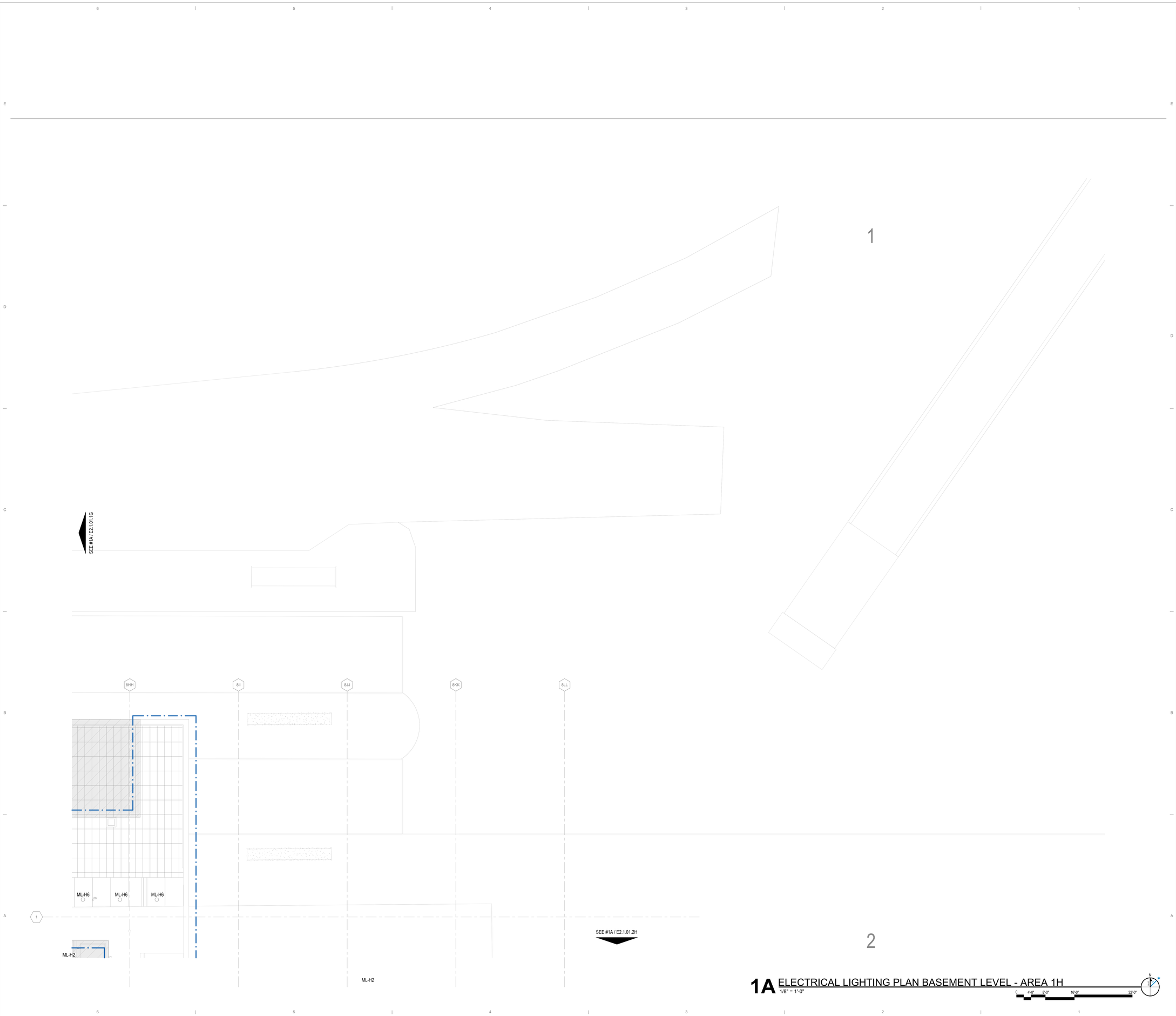

1A ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 1H
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

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KEYPLAN

ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 1H

DRAWN BY: **FK** CHECKED BY: **JR**

SHEET NUMBER VOLUME: **3**

E2.1.01.1H

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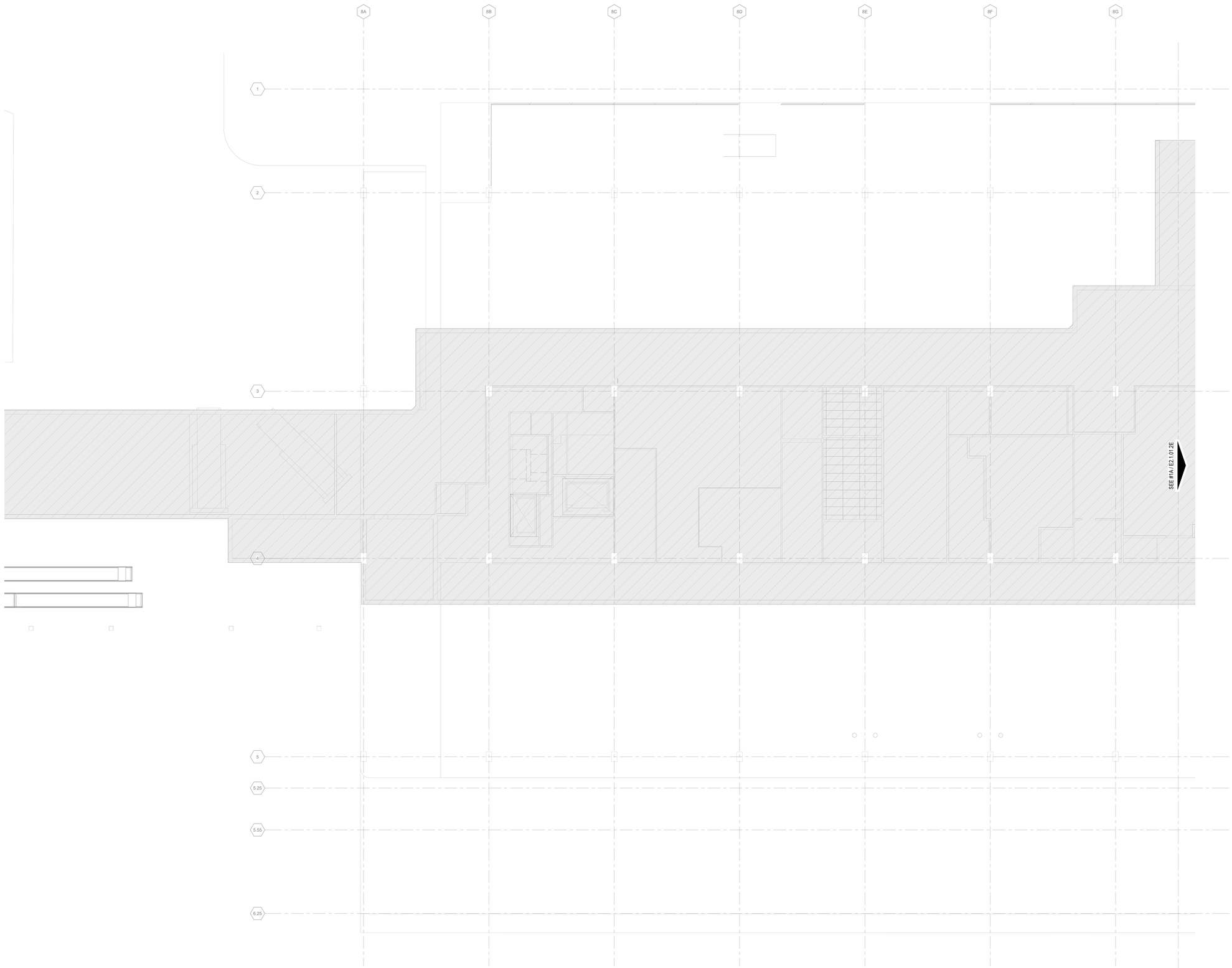

1A ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 2D
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

N

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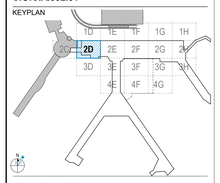

ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 2D

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.1.01.2D

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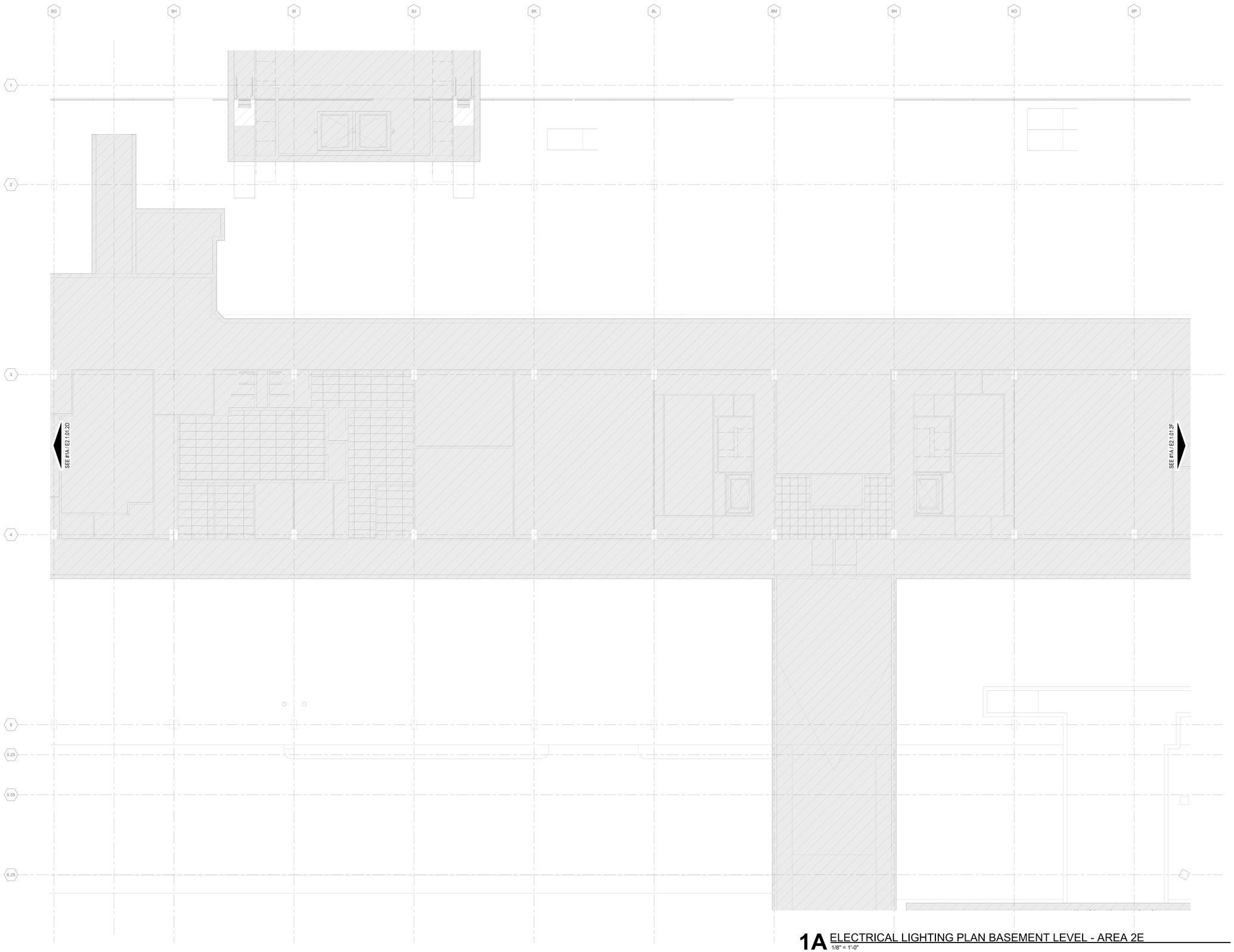

1A ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 2E
1/8" = 1'-0"

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ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 2E

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VOLUME: **3**

E2.1.01.2E

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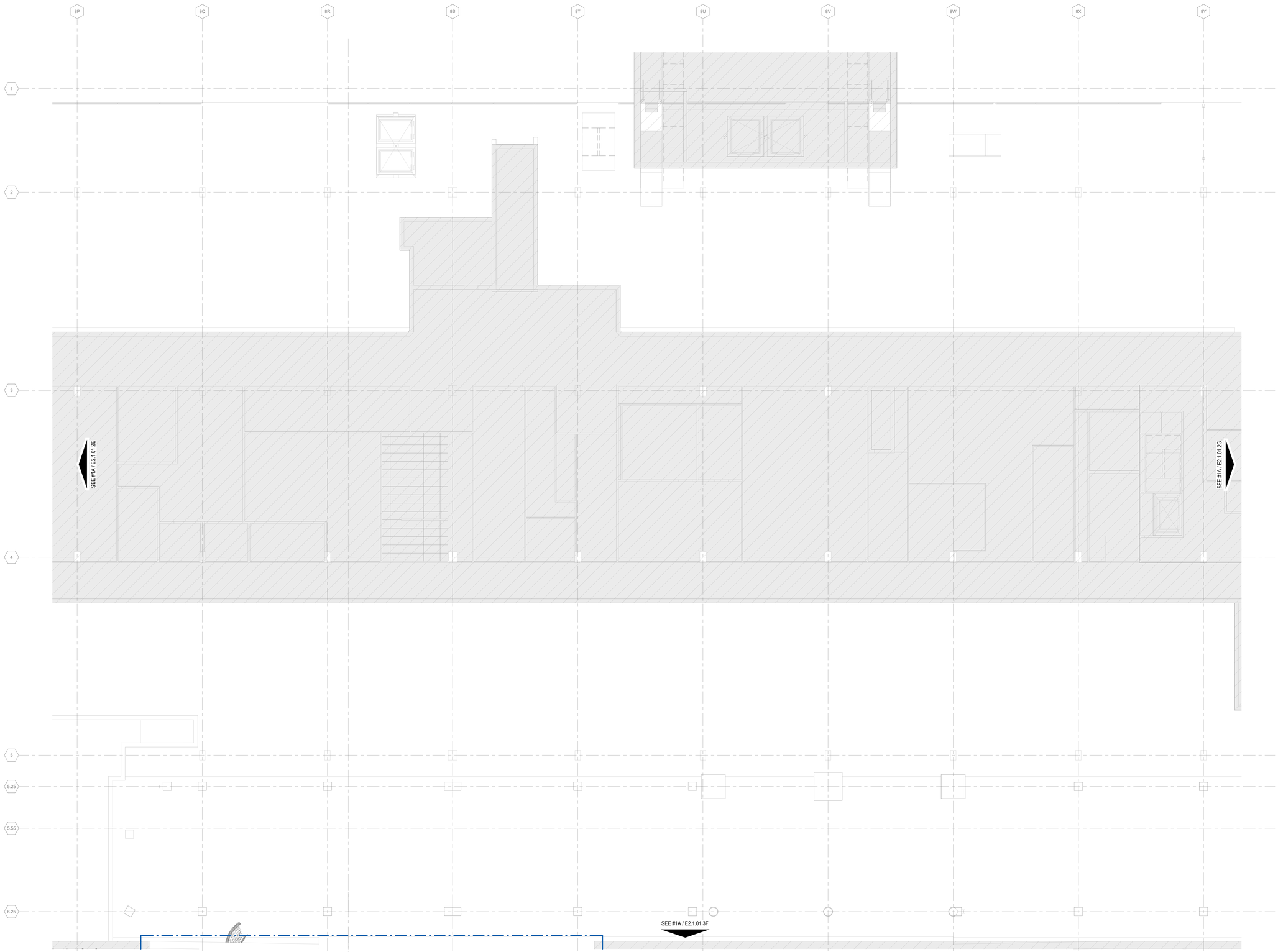

1A ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 2F
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

N

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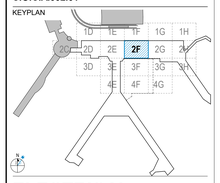
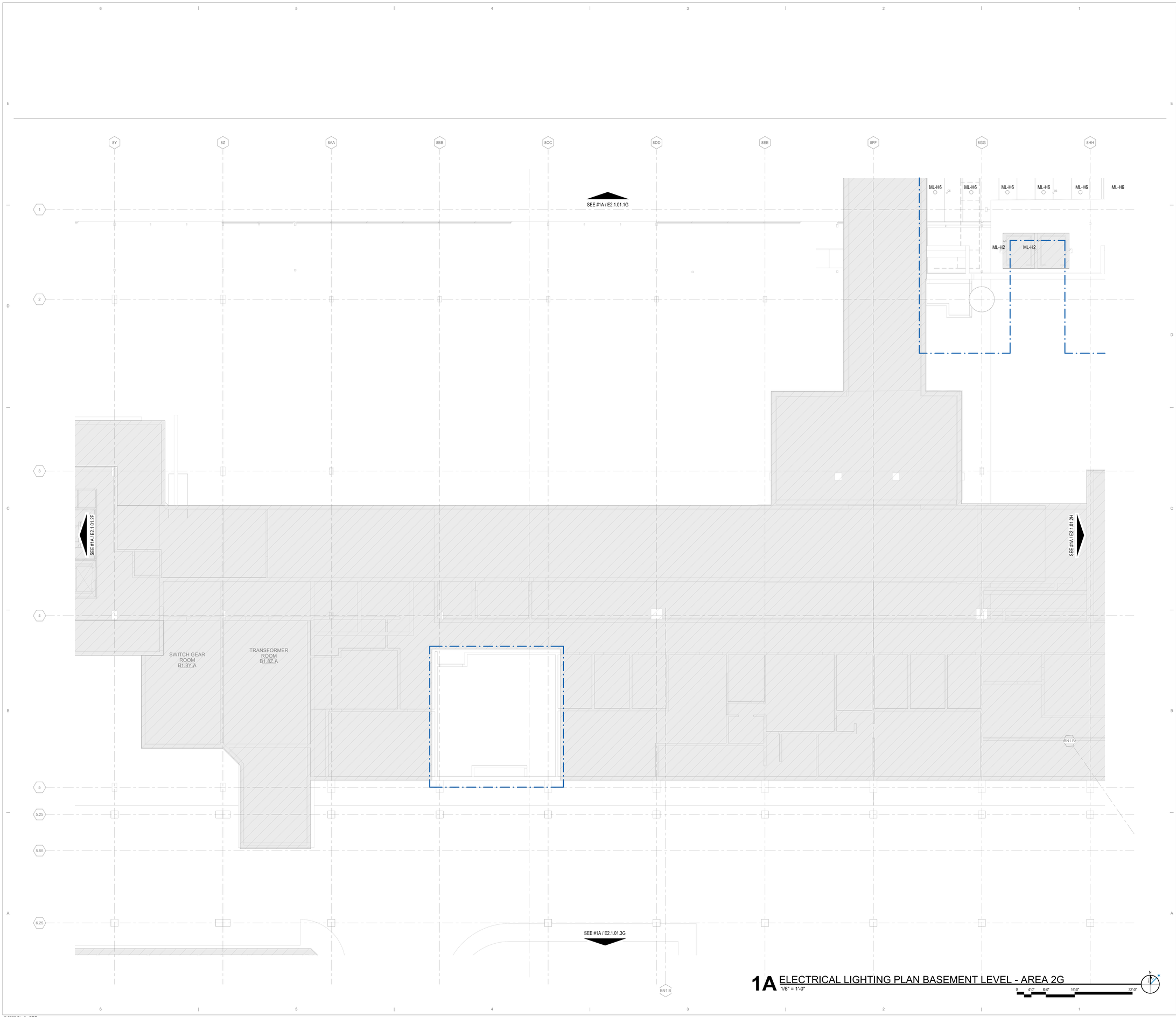
KEYPLAN



ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 2F

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.1.01.2F



1A ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 2G
1/8" = 1'-0"

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KEYPLAN

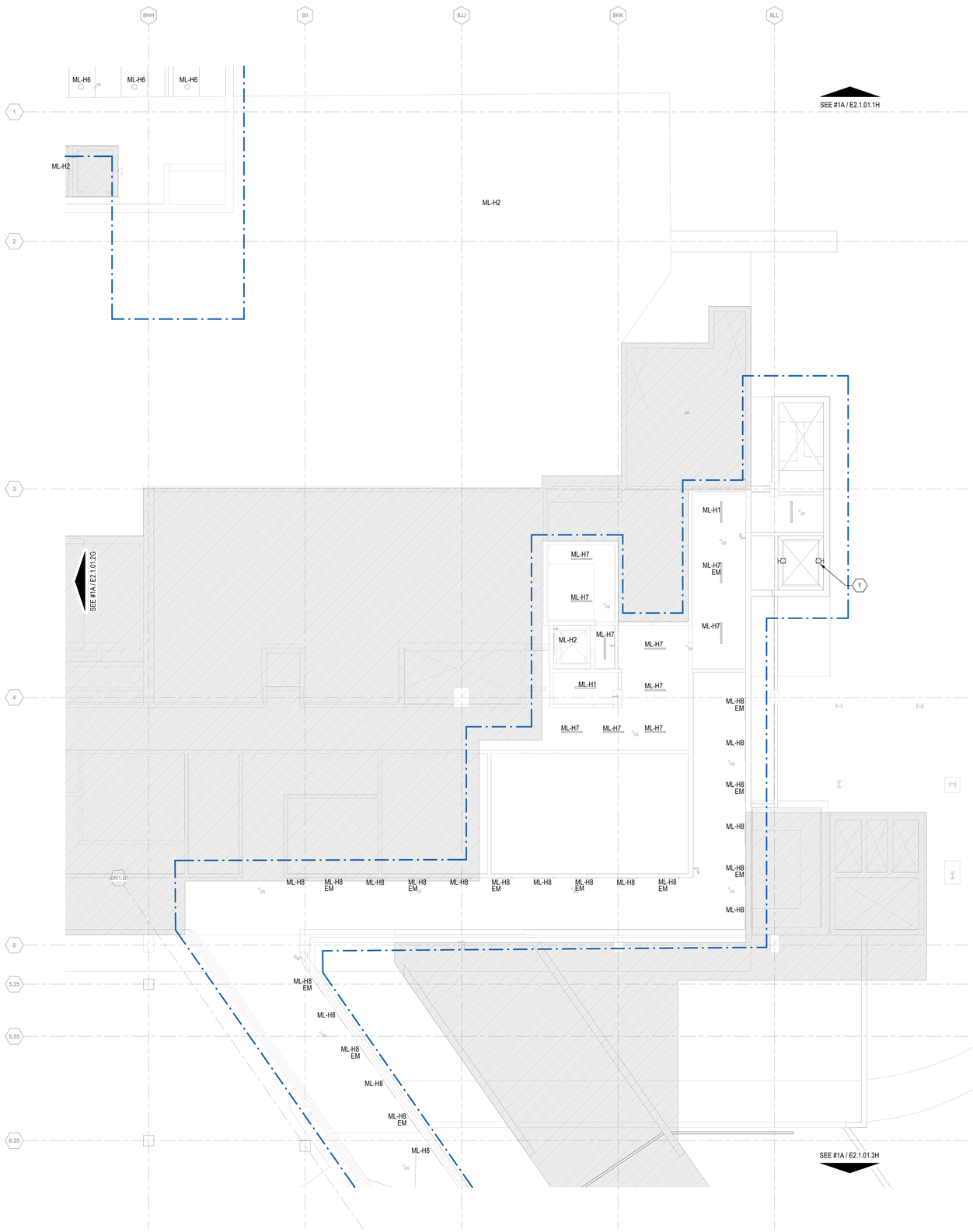
ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 2G

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER VOLUME: **3**

E2.1.01.2G

KEYED NOTES #

1 ELEVATOR CAR LIGHT FIXTURES LOCATED WITHIN ELEVATOR SHAFT.



2

3

1A ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 2H
1/8" = 1'-0"

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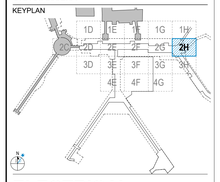
KEYPLAN



ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 2H

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.1.01.2H

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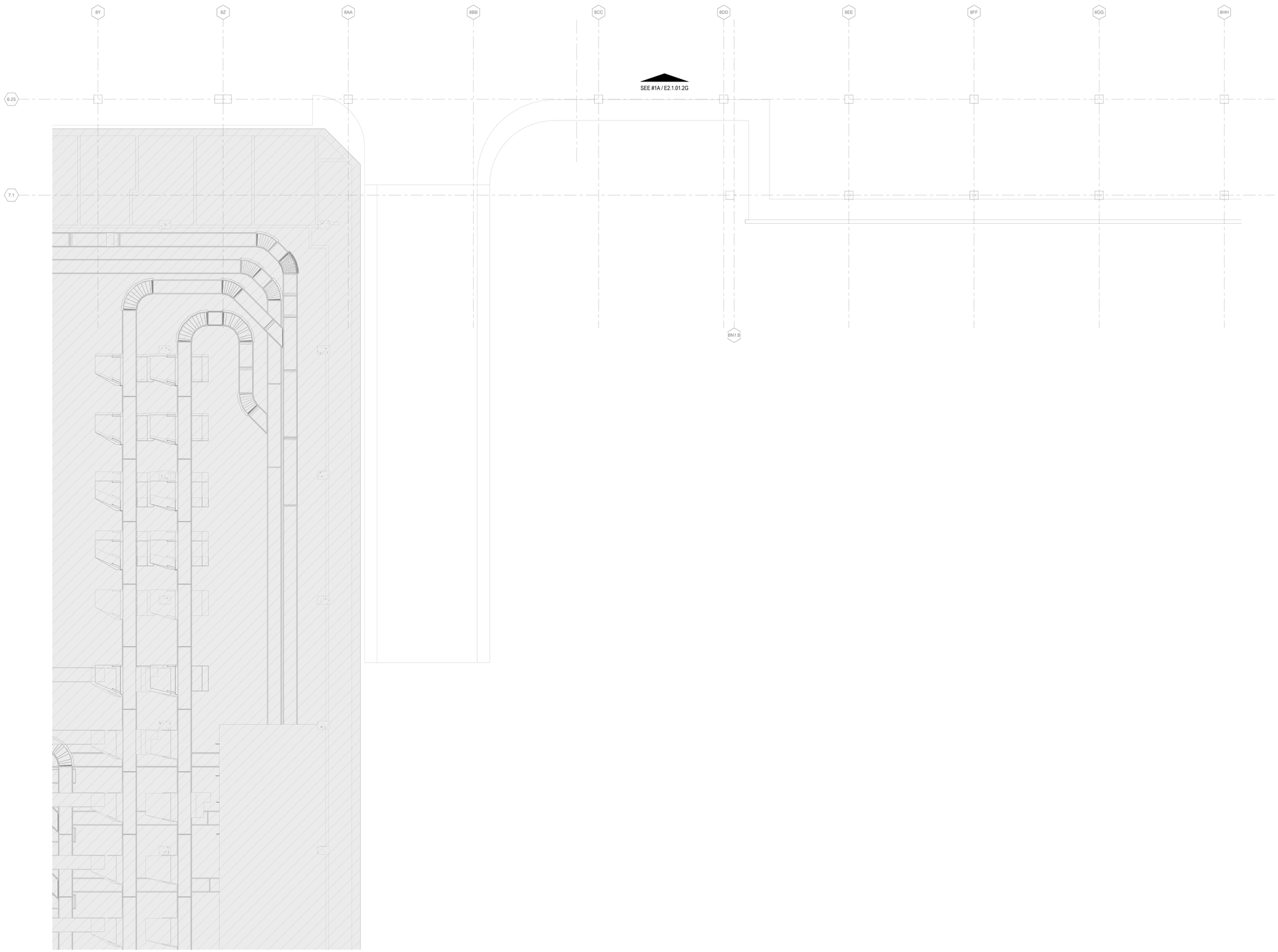

1A ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 3G
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

N

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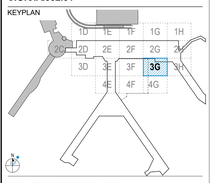
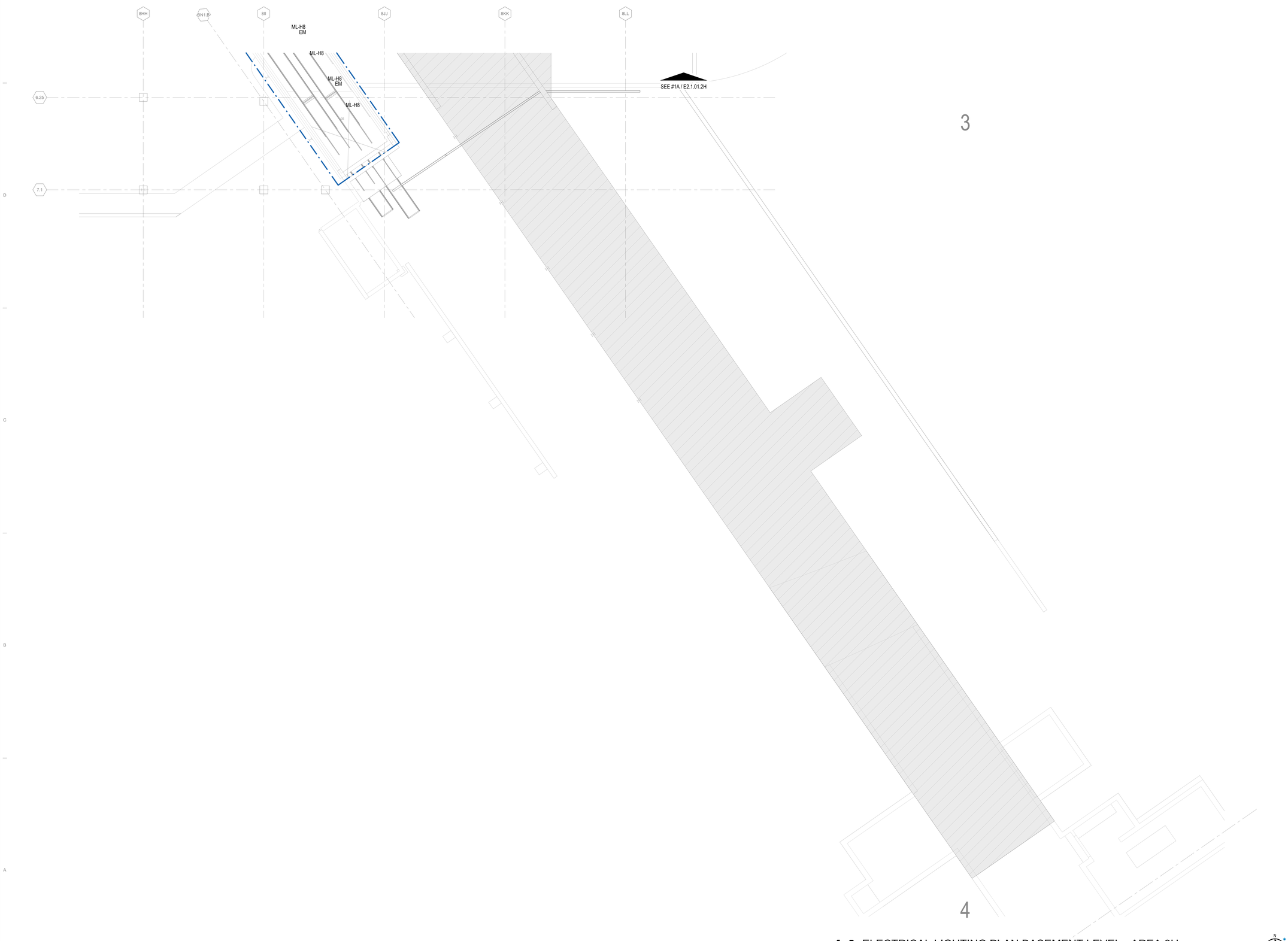


ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 3G

DRAWN BY: **FK**
CHECKED BY: **JR**

SHEET NUMBER
E2.1.01.3G

VOLUME: **3**



1A ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 3H
1/8" = 1'-0"

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KEYPLAN

ELECTRICAL LIGHTING PLAN BASEMENT LEVEL - AREA 3H

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER VOLUME: **3**

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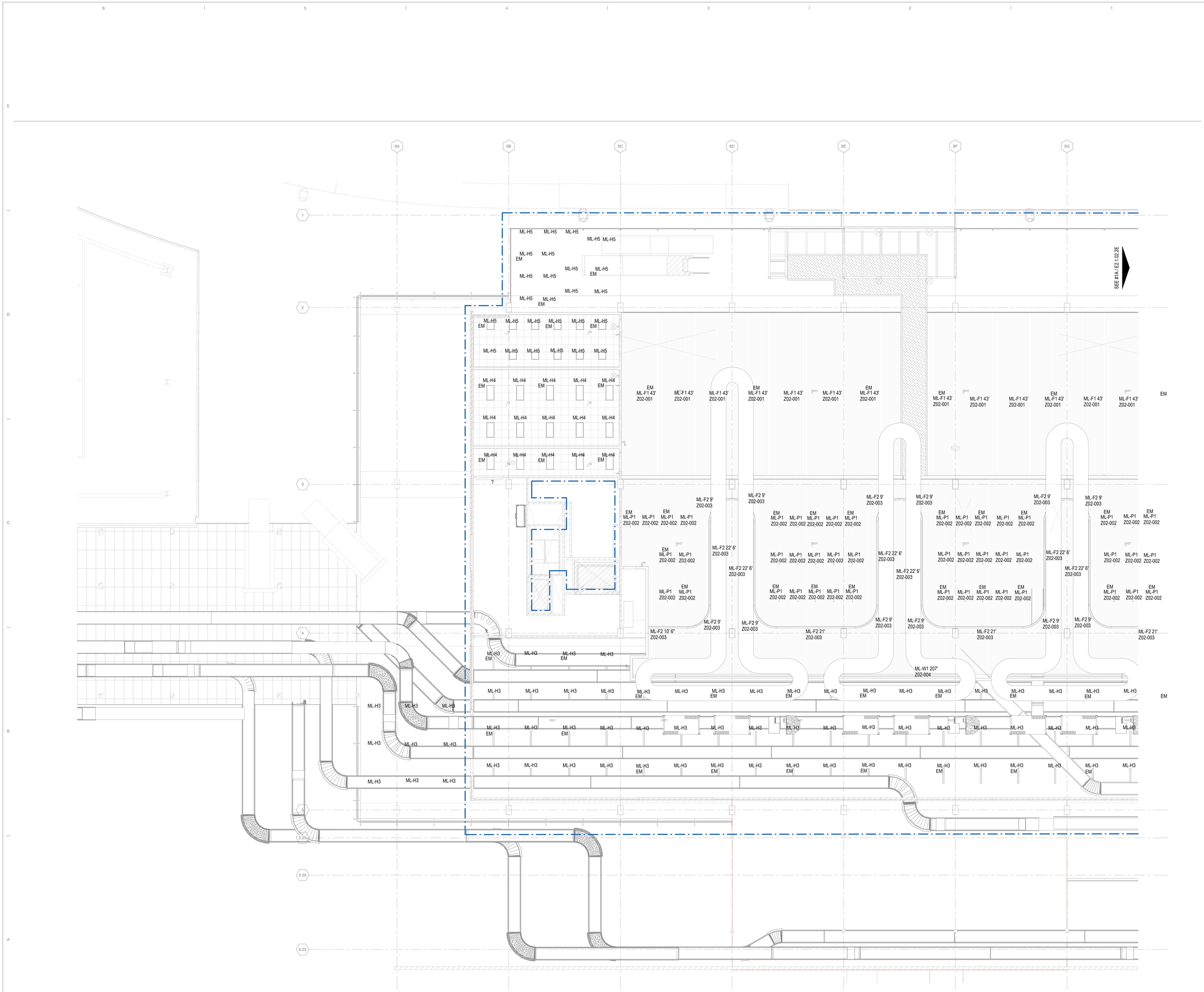

1A ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 2D

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

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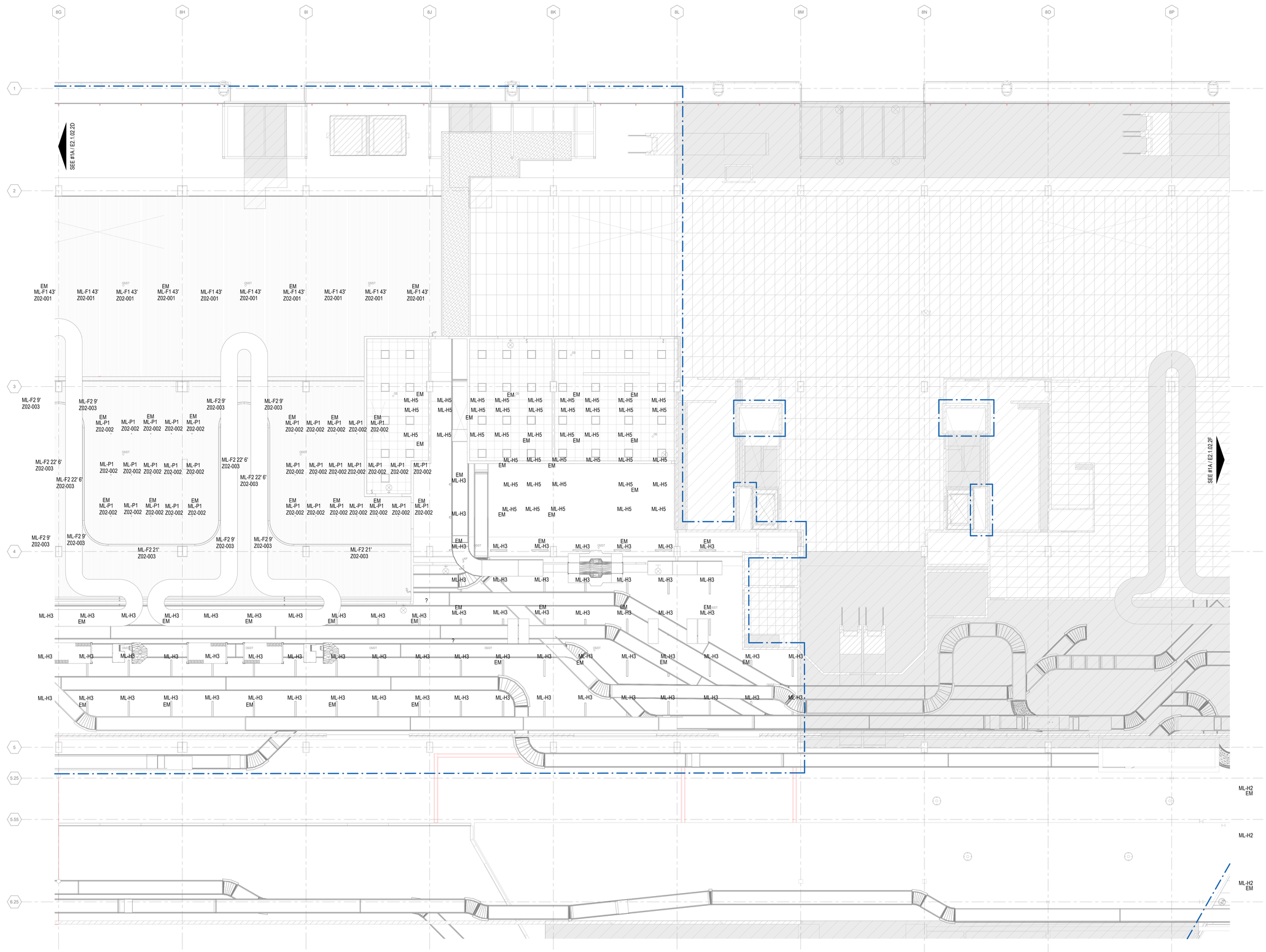
KEYPLAN

ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 2D

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER: **E2.1.02.2D**
VOLUME: **3**



1A ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 2E
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

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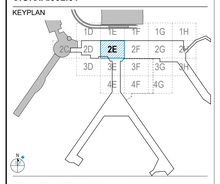
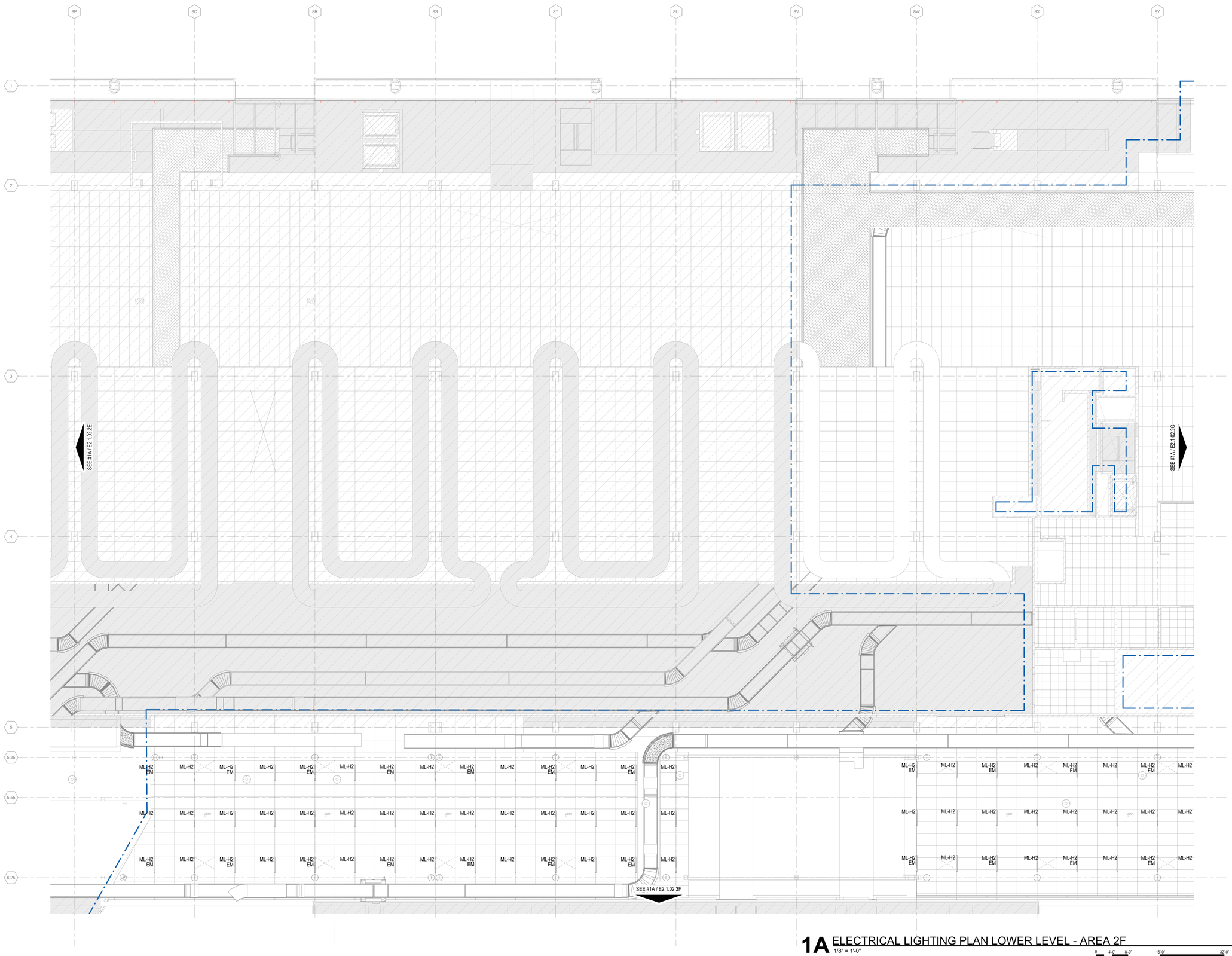
KEYPLAN



ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 2E

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.1.02.2E



1A ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 2F
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

N

3/19/2023 11:54:08 PM

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CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
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ISSUANCE: **60% DESIGN**
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PHASE: **DD**
REVISION: **–**
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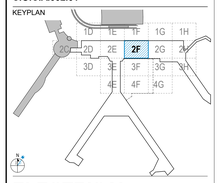

ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 2F

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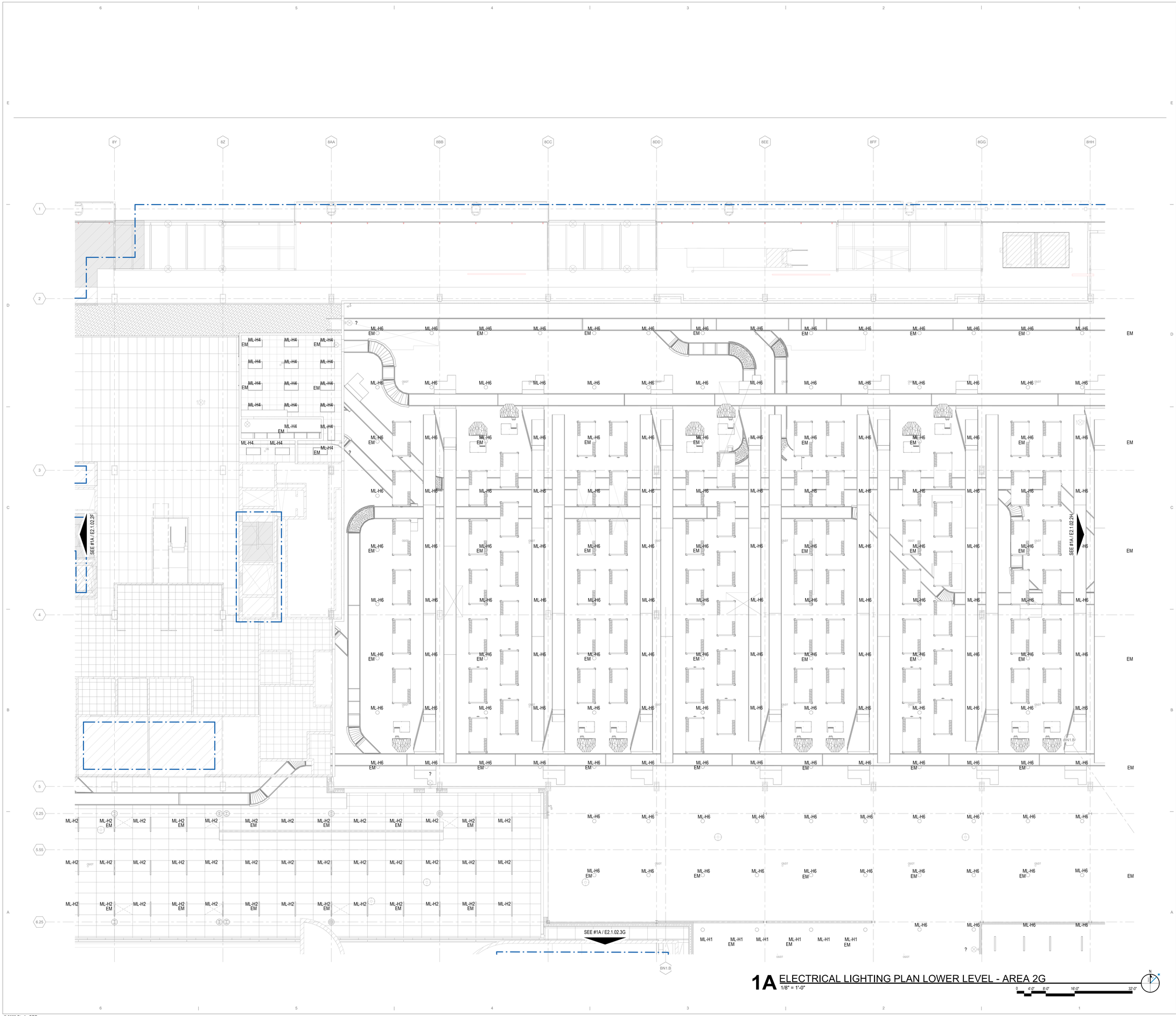
SHEET NUMBER
VOLUME: **3**

E2.1.02.2F



1A ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 2G

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

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ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 2G

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CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

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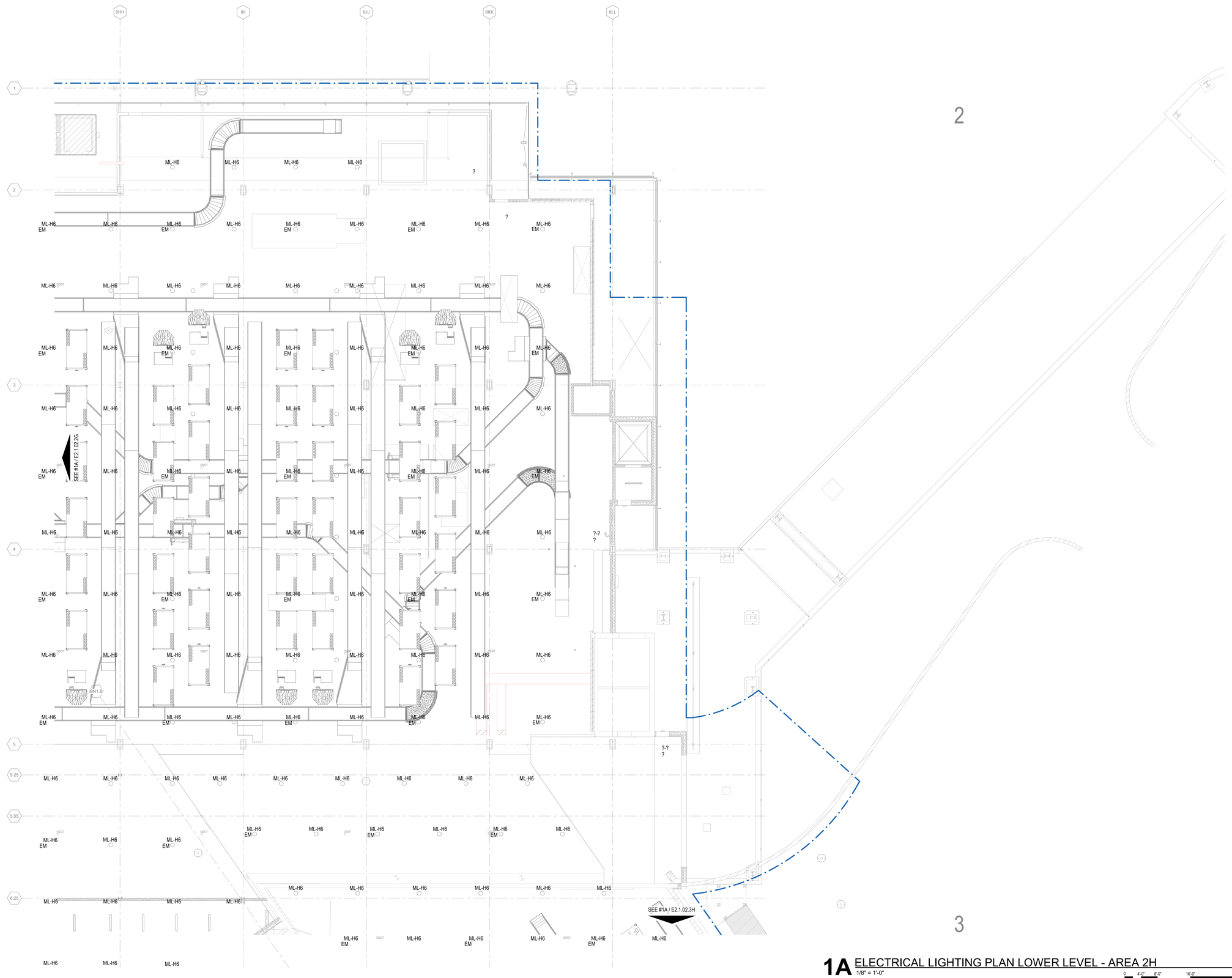

1A ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 2H
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

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ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 2H

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER VOLUME: **3**

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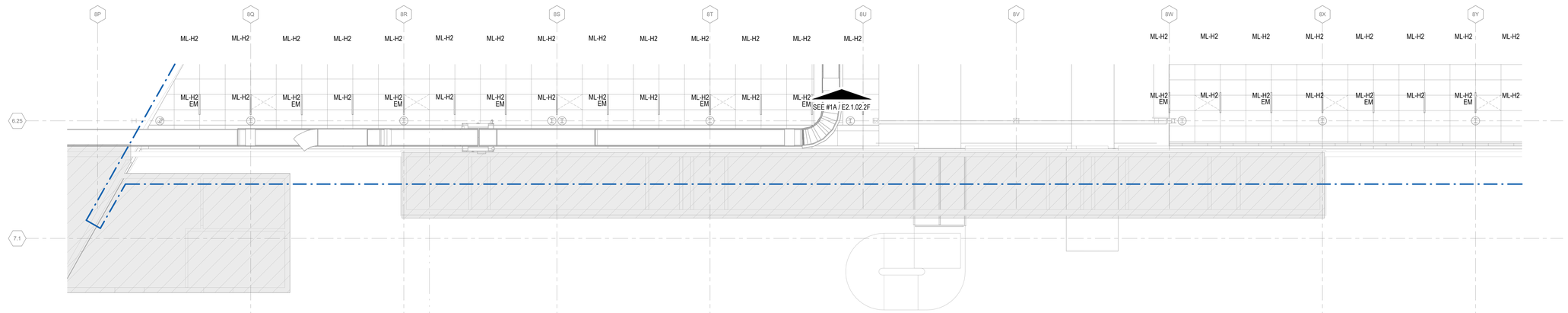

1A ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 3F
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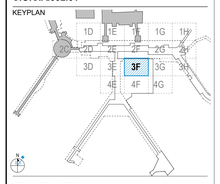

ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 3F

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

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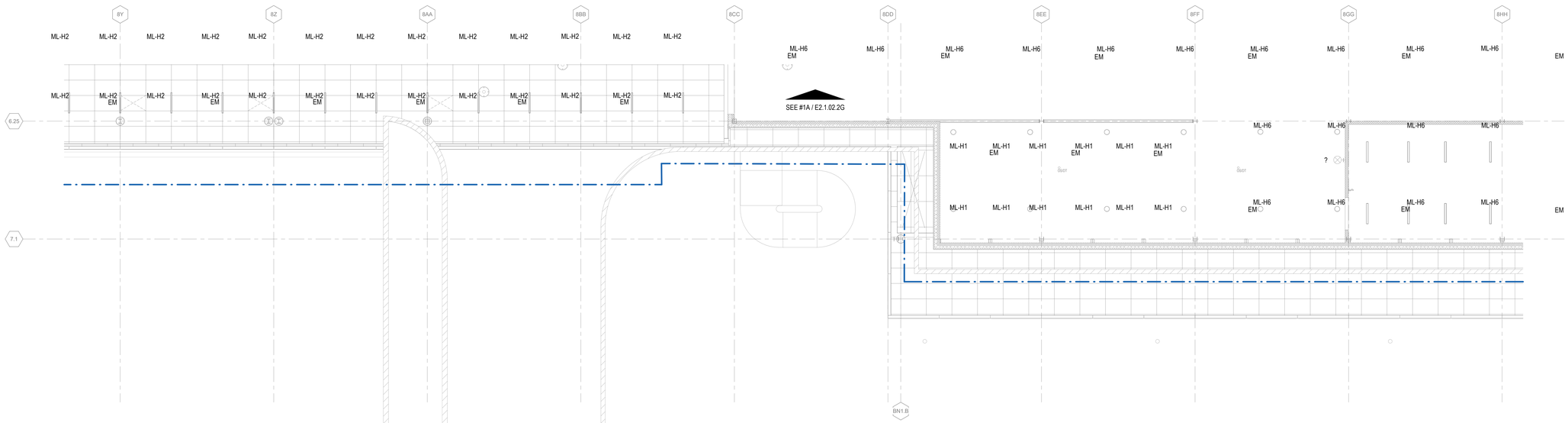

1A ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 3G
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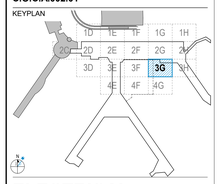

ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 3G

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.1.02.3G

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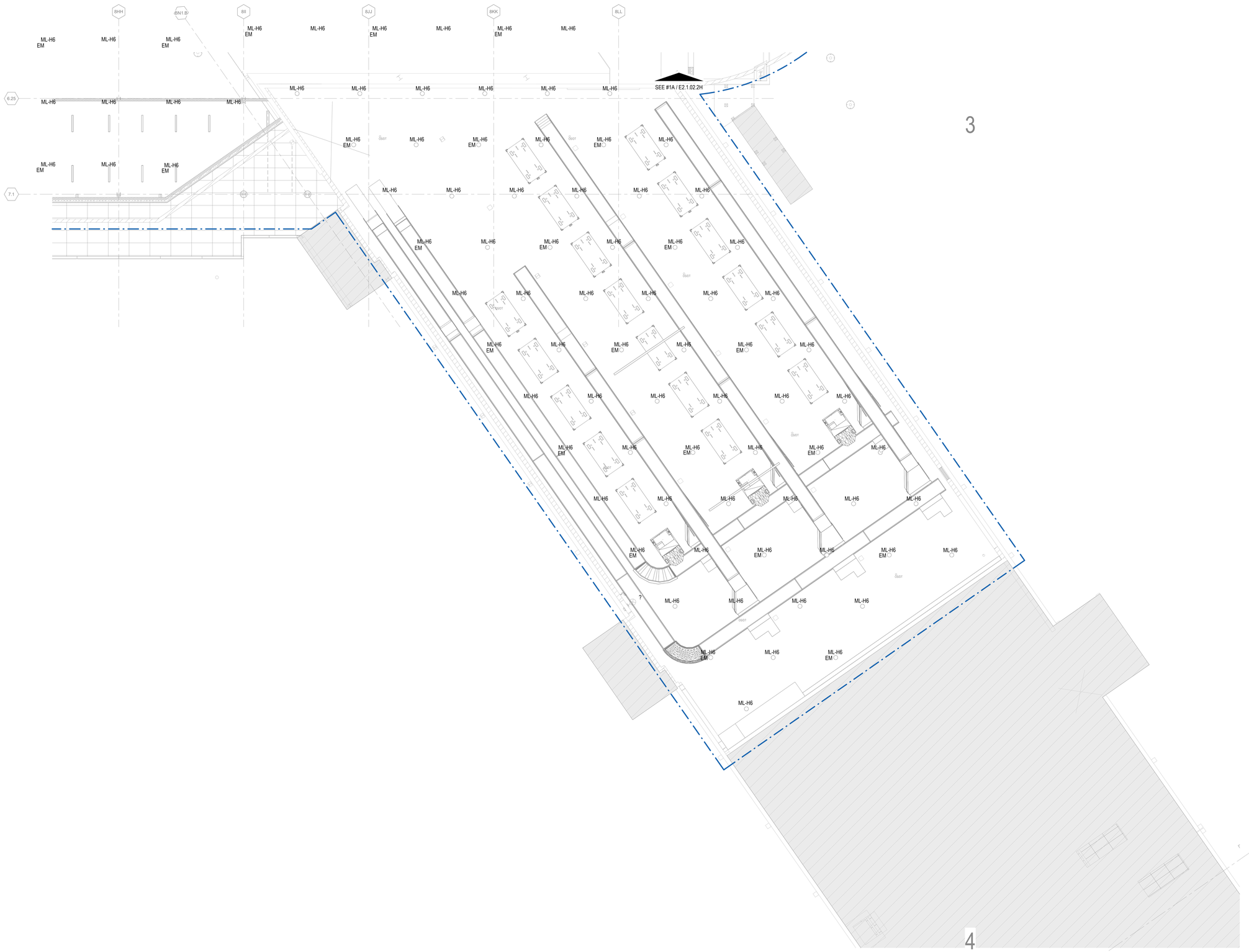

1A ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 3H

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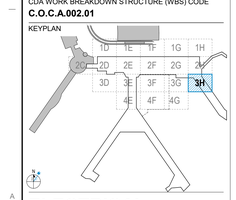

ELECTRICAL LIGHTING PLAN LOWER LEVEL - AREA 3H

DRAWN BY: **FK**
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SHEET NUMBER
VOLUME: **3**

E2.1.02.3H

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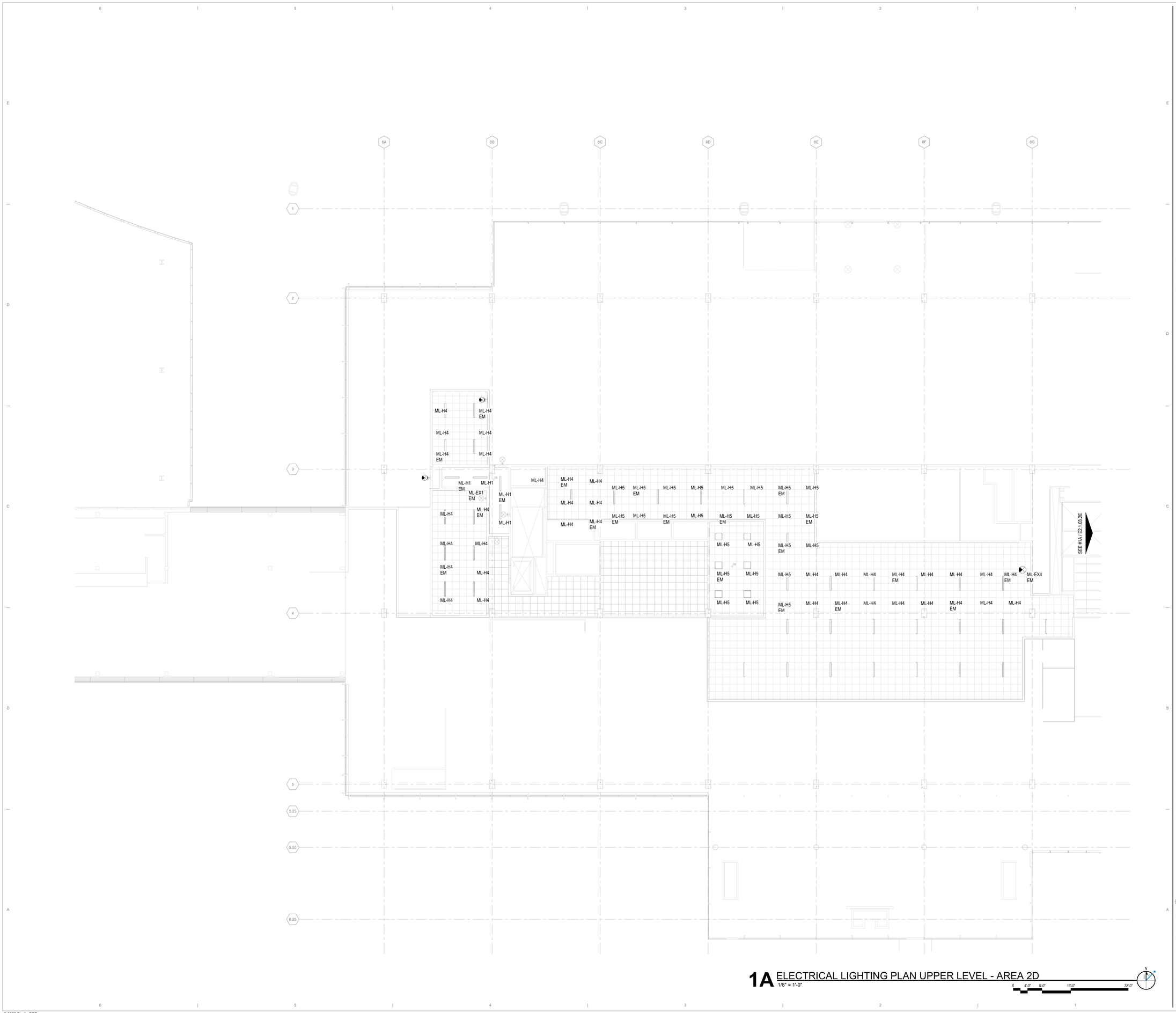

1A ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 2D
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

N

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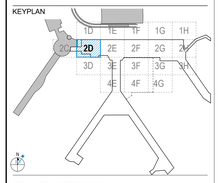

ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 2D

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.1.03.2D

1A ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 2E
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

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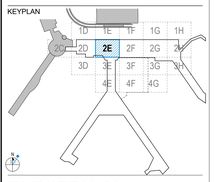

ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 2E

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CHECKED BY: **JR**

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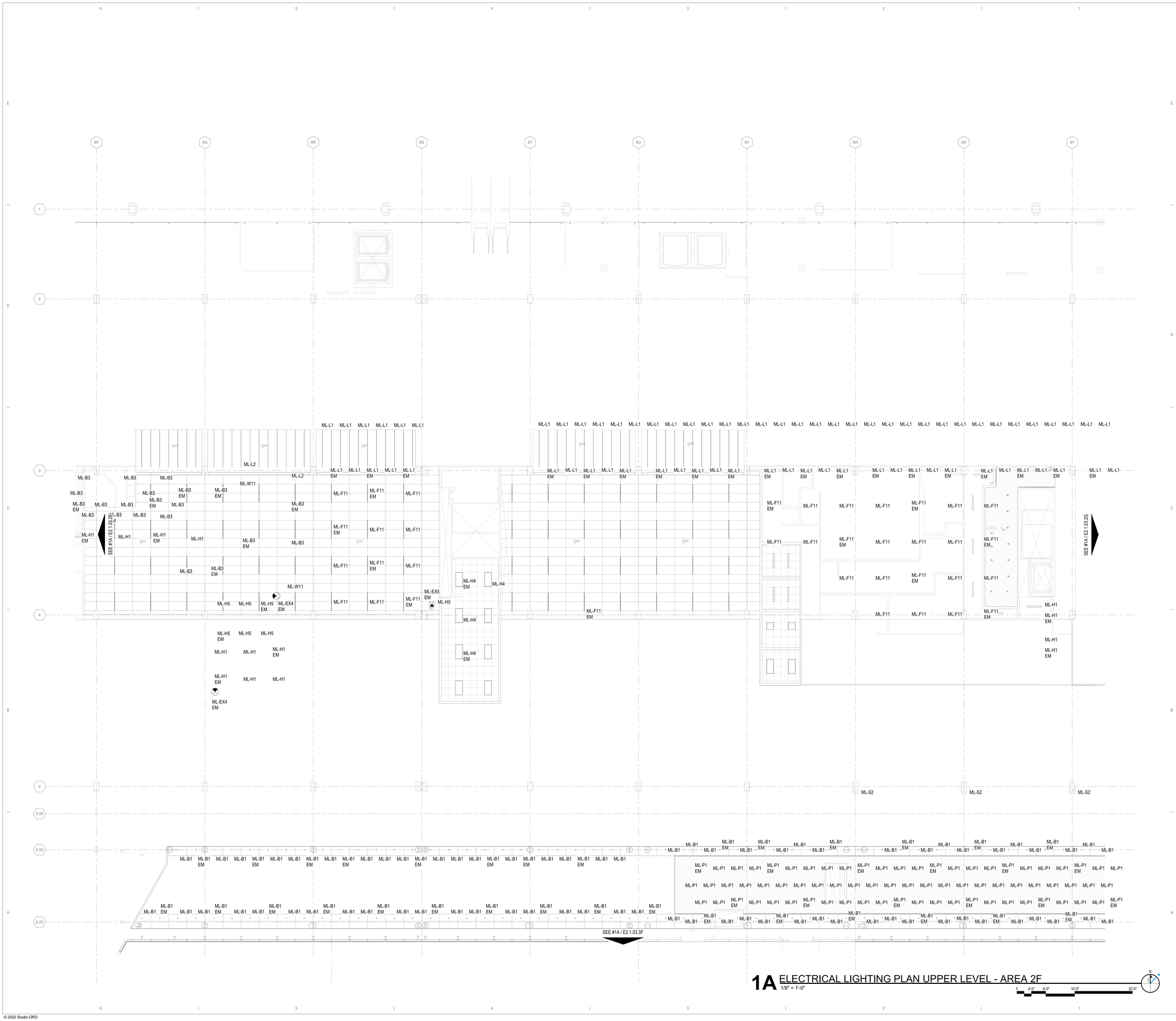
E2.1.03.2E

VOLUME: **3**



1A ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 2F
1/8" = 1'-0"

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KEYPLAN

ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 2F

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER **E2.1.03.2F**
VOLUME: **3**

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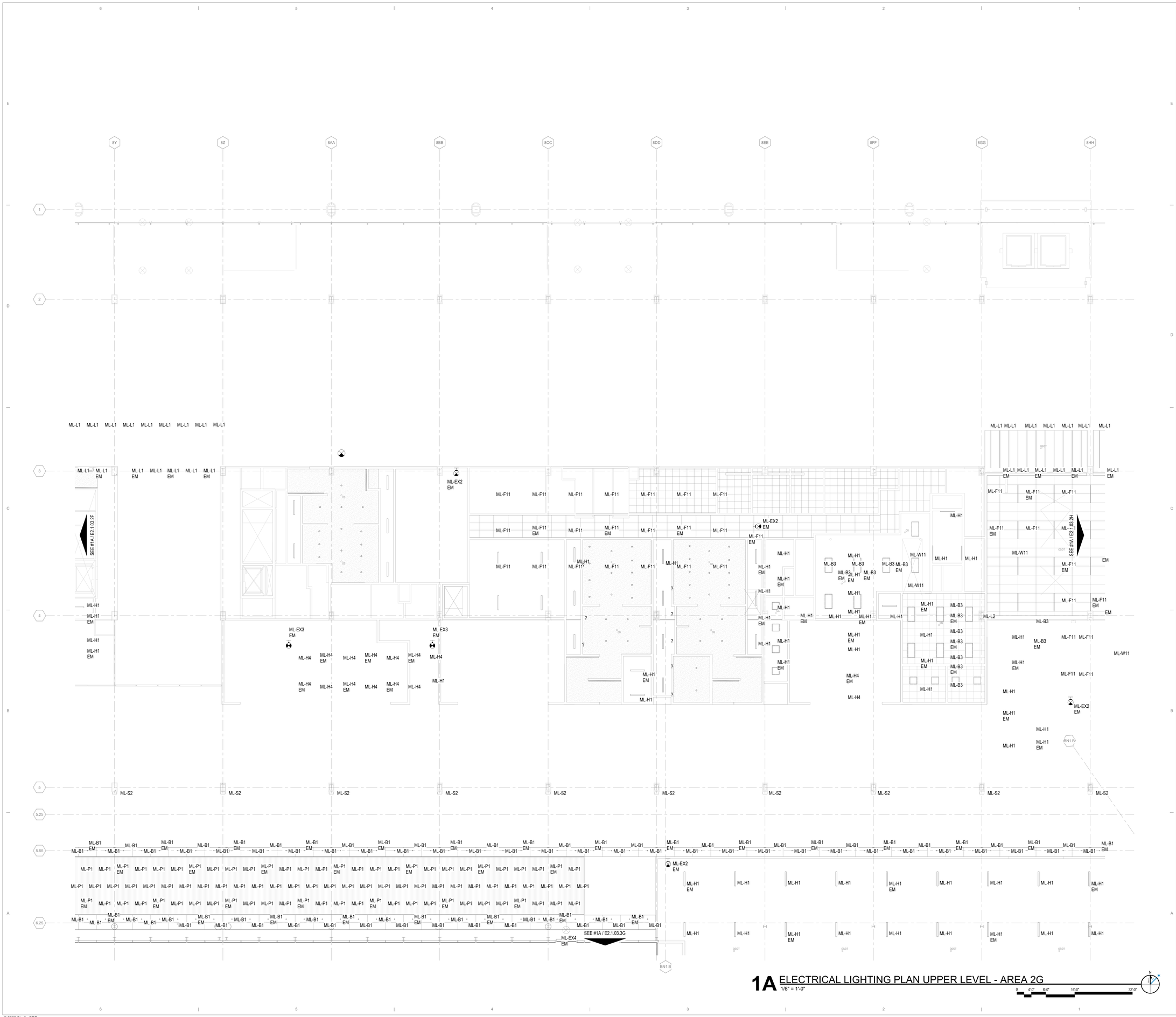

1A ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 2G

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KEYPLAN

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2C 2D 2E 2F 2G 2H
3D 3E 3F 3G 3H
4E 4F 4G

ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 2G

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SHEET NUMBER **E2.1.03.2G** VOLUME: **3**

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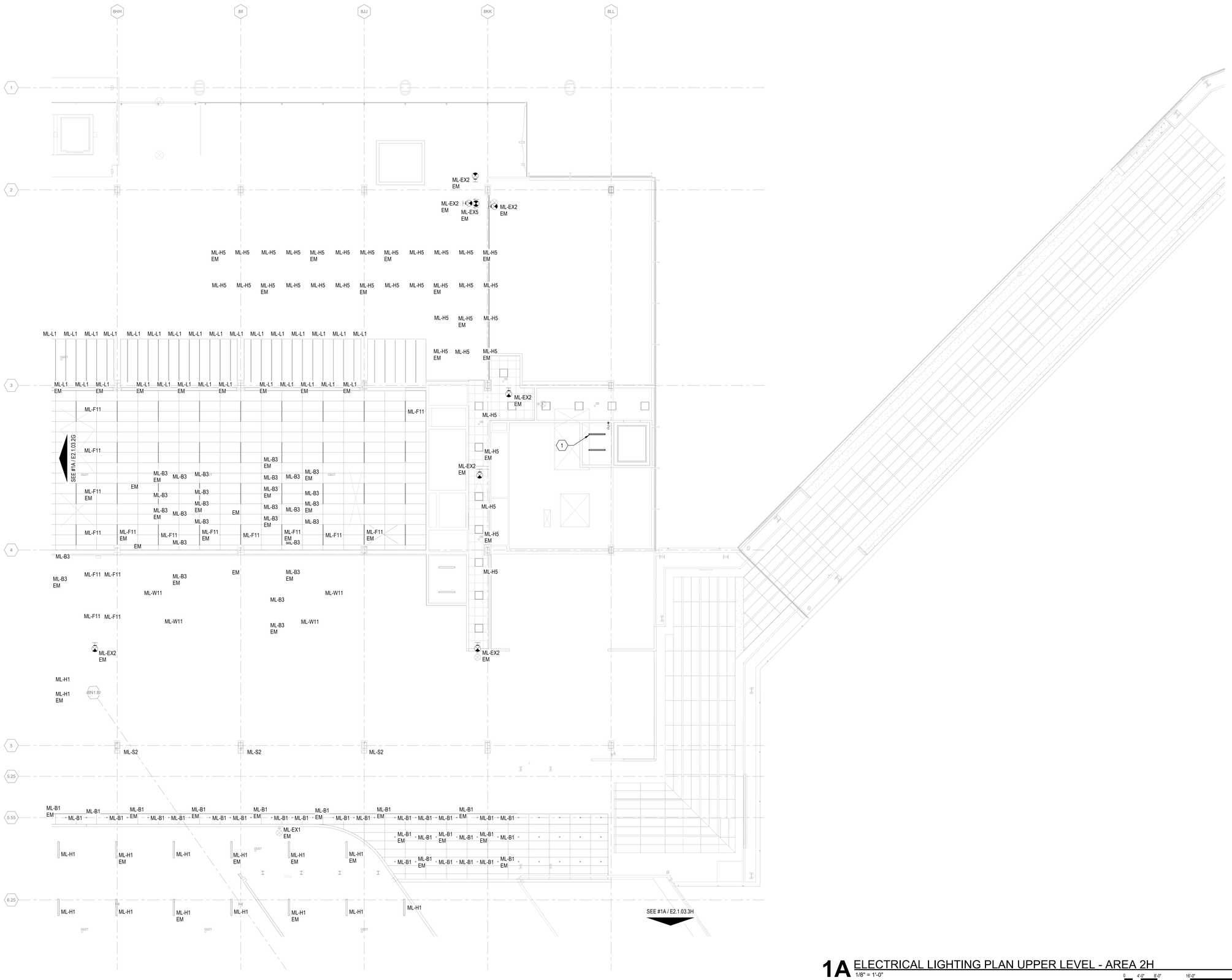
KEYED NOTES #

1 PROPOSED UTILITY LIGHTING FOR ELEVATOR SHAFT AND ELEVATOR CONTROL ROOM. CONTRACTOR TO COORDINATE PLACEMENT OF LIGHTING FIXTURES IN FIELD.



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ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 2H

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER VOLUME: **3**

E2.1.03.2H

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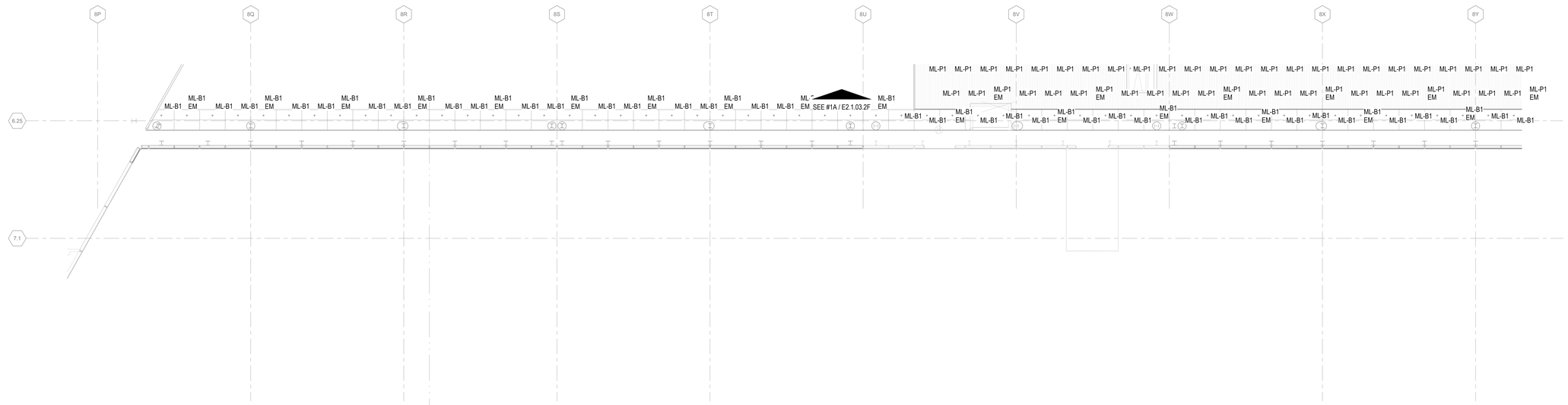

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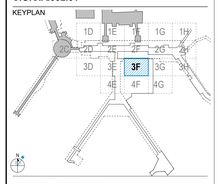

ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 3F

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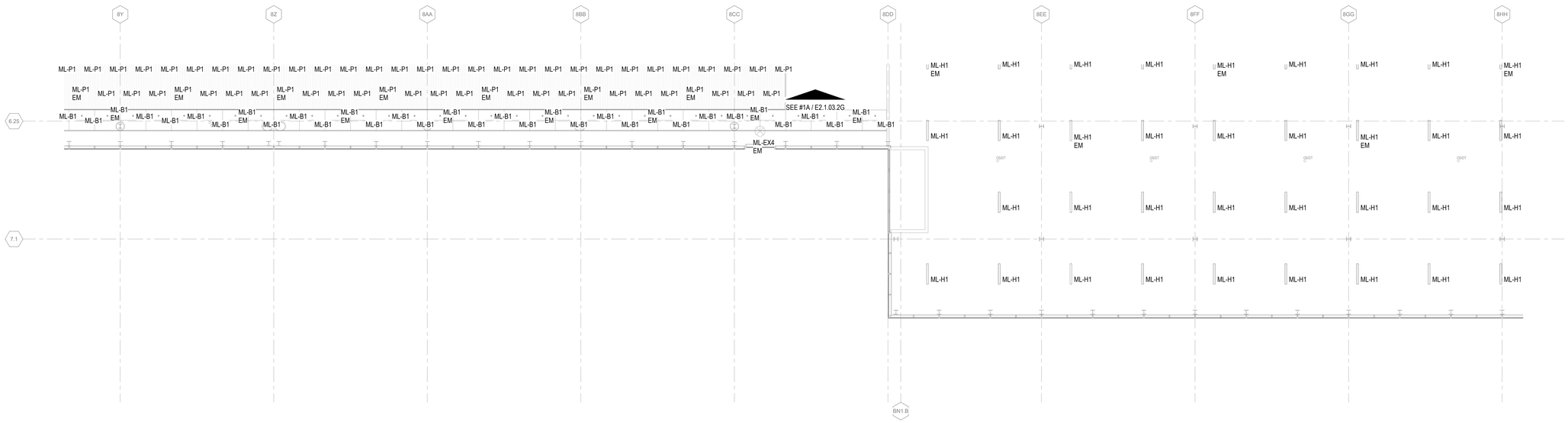

1A ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 3G
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

N

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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MILHOUSE

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE
60% DESIGN

PACKAGE ISSUE DATE
03/24/2023

PHASE
DD

REVISION
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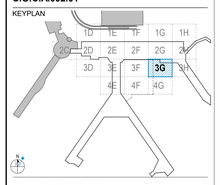
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN



ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 3G

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.1.03.3G

3/20/2023 12:00:17 AM

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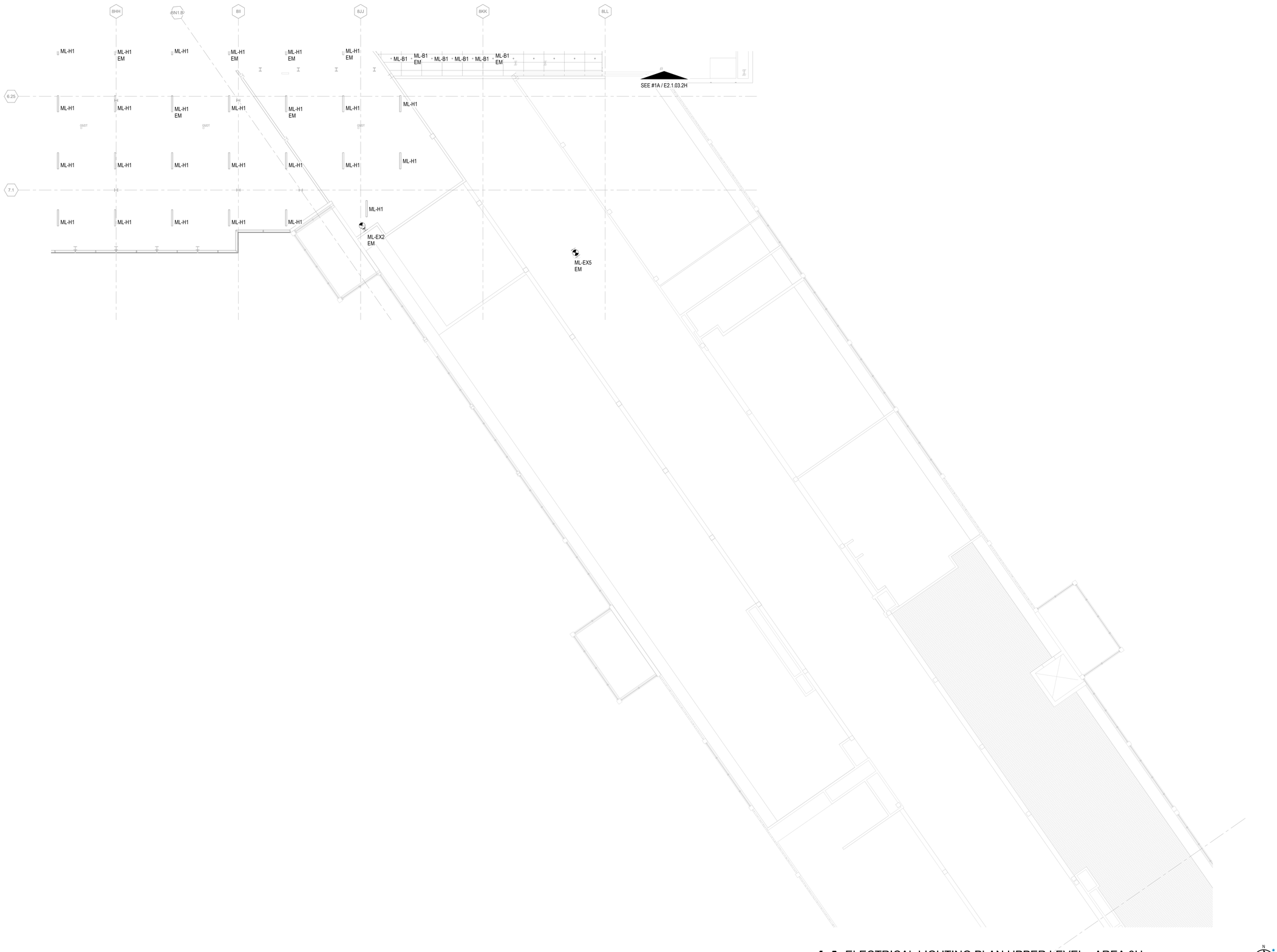

1A ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 3H
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

N

3/20/2023 12:00:32 AM

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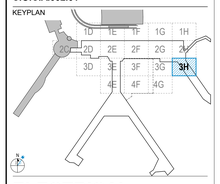
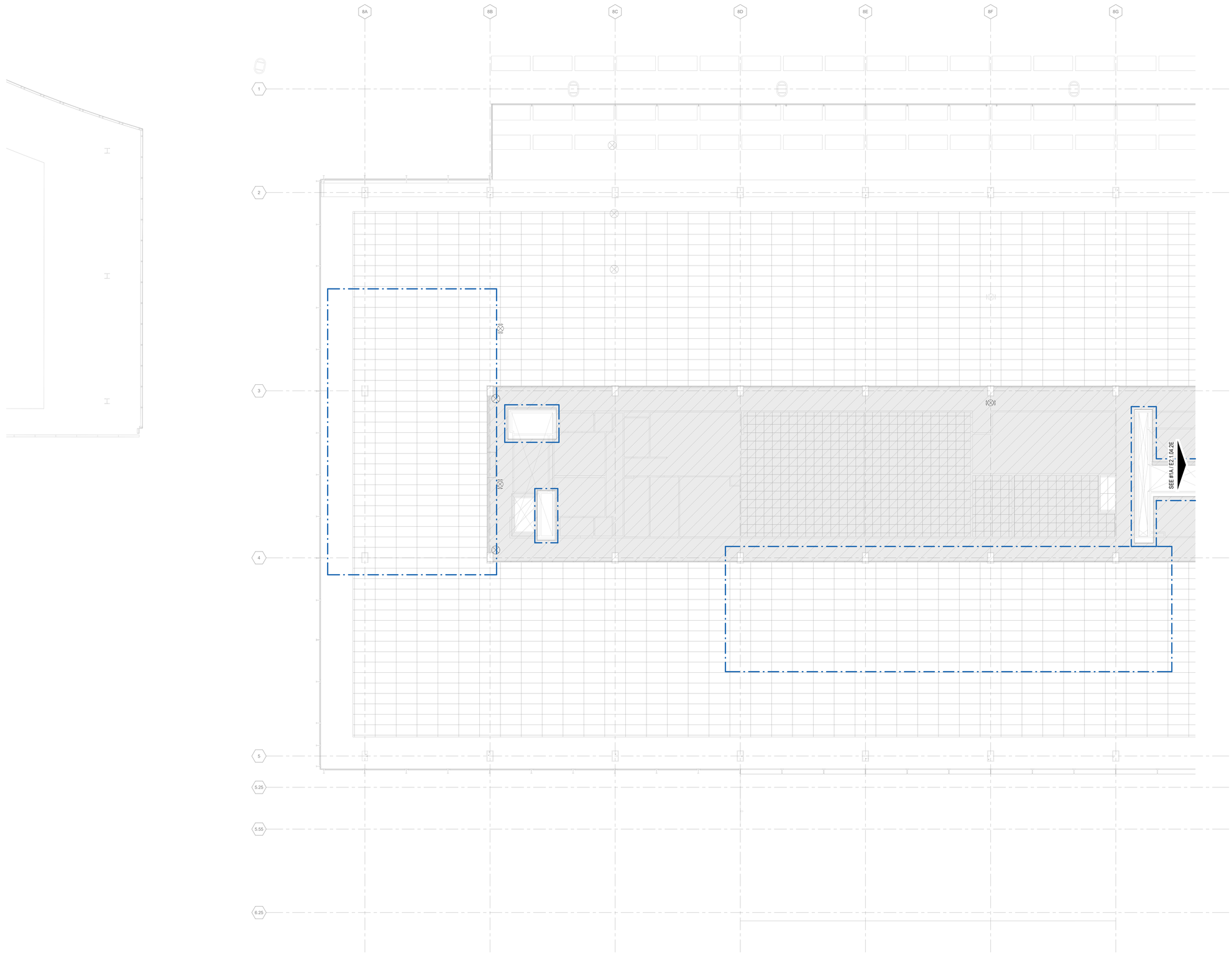


ELECTRICAL LIGHTING PLAN UPPER LEVEL - AREA 3H

DRAWN BY: **FK**
CHECKED BY: **JR**

SHEET NUMBER
E2.1.03.3H

VOLUME: **3**



1A ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 2D
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

N

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CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
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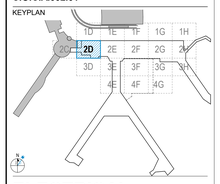

ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 2D

DRAWN BY: **FK**
CHECKED BY: **JR**

SHEET NUMBER
VOLUME: **3**

E2.1.04.2D

3/20/2023 12:00:47 AM

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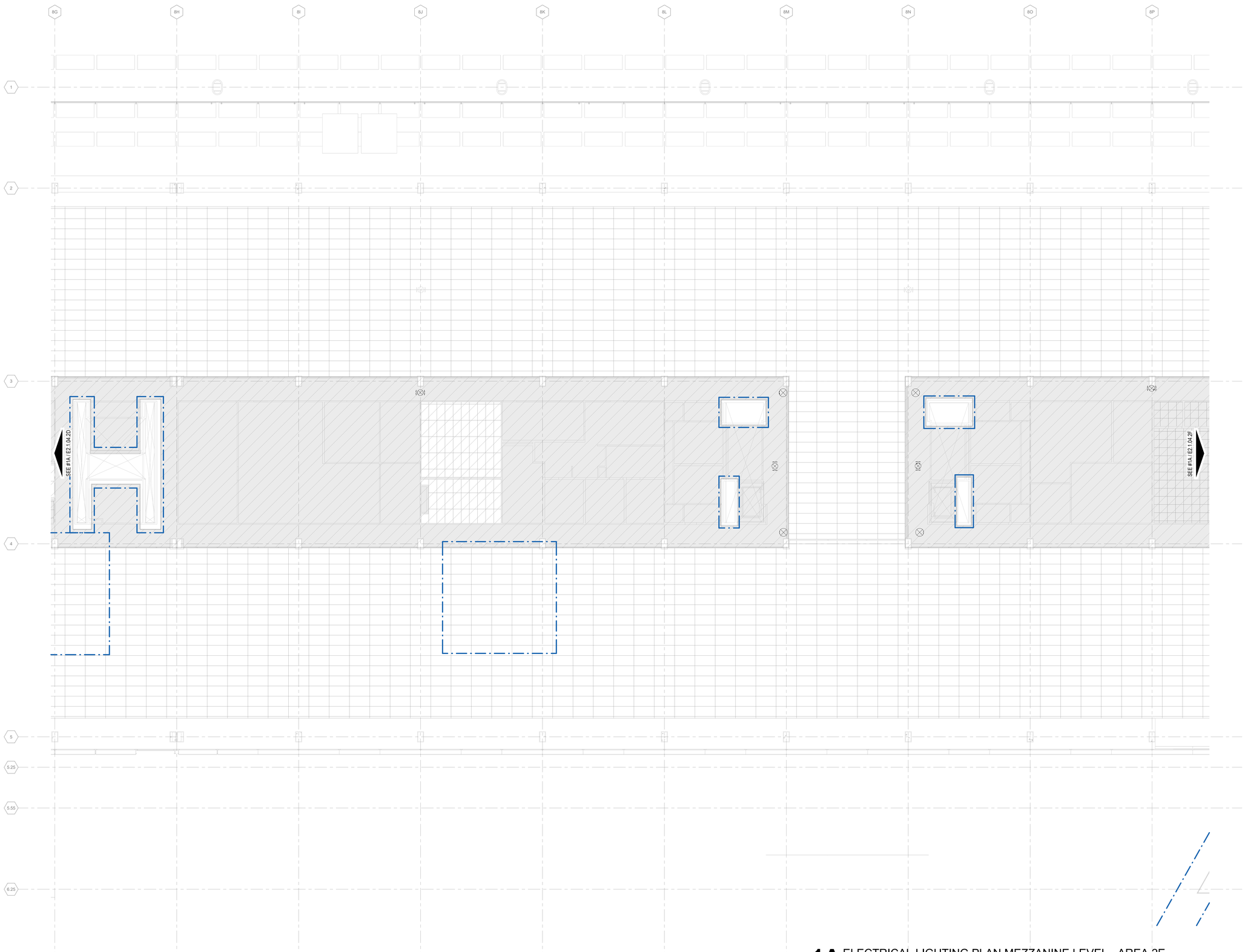

1A ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 2E
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

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CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

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JAMIE L. RHEE
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PACKAGE ISSUE DATE **03/24/2023**
PHASE **DD**
REVISION **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
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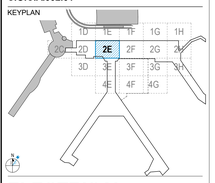
KEYPLAN



ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 2E

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.1.04.2E

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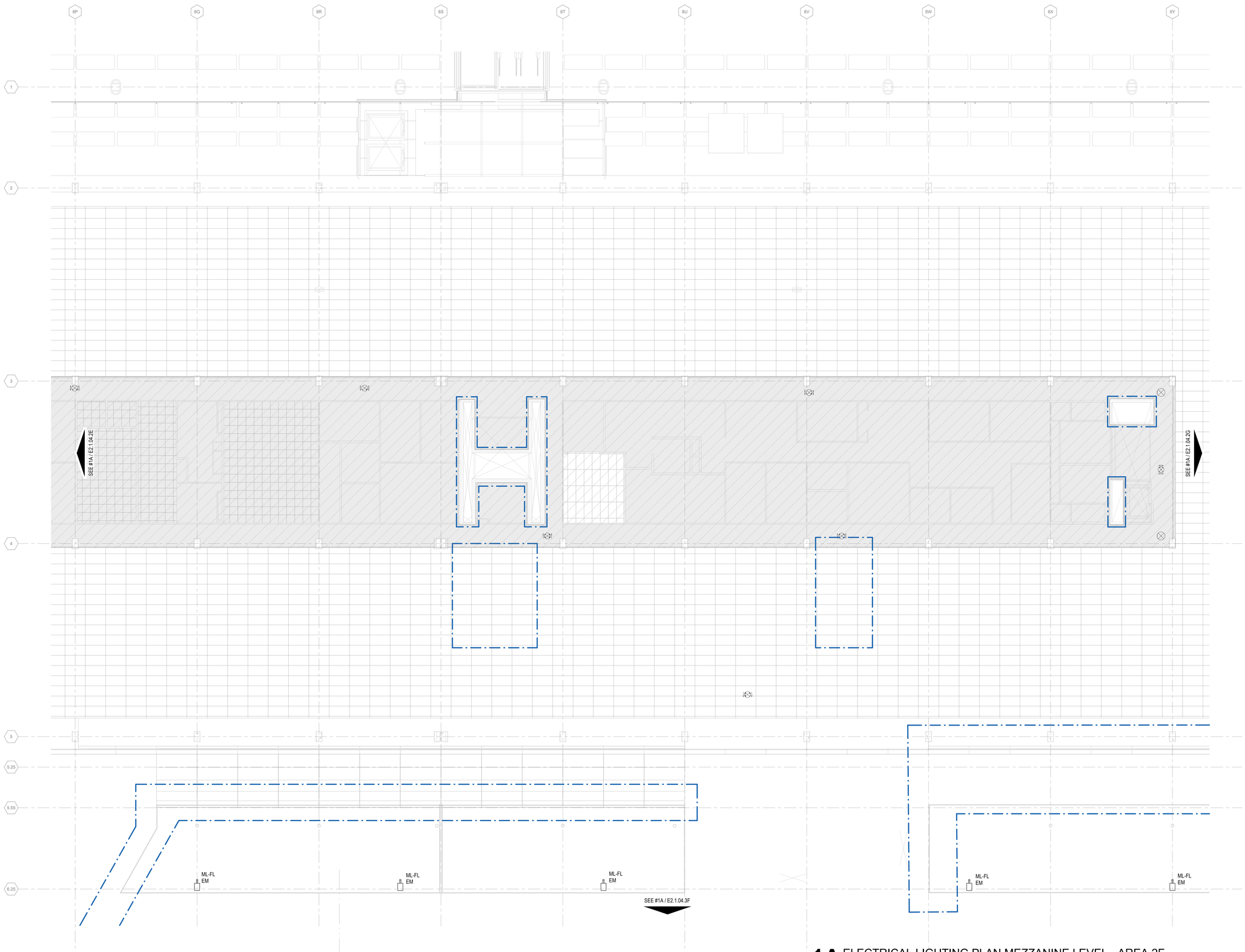

1A ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 2F
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

3/20/2023 12:01:19 AM

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PHASE **DD**
REVISION **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
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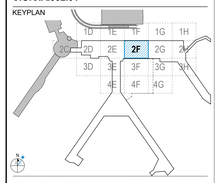
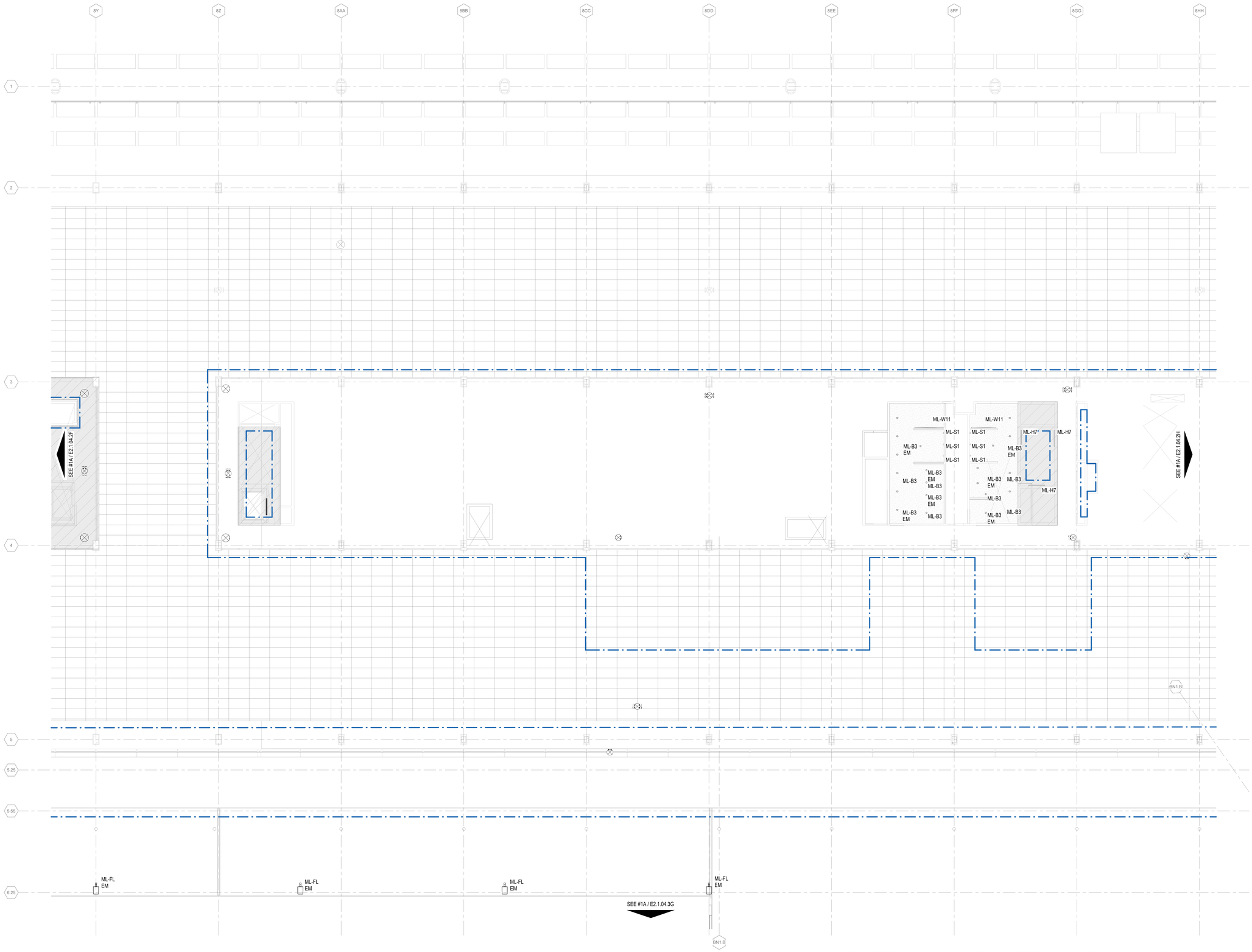


ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 2F

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER **E2.1.04.2F**
VOLUME: **3**



1A ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 2G

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

3/20/2023 12:01:35 AM

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PACKAGE ISSUE DATE **03/24/2023**
PHASE **DD**
REVISION **--**

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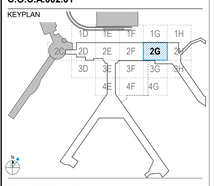
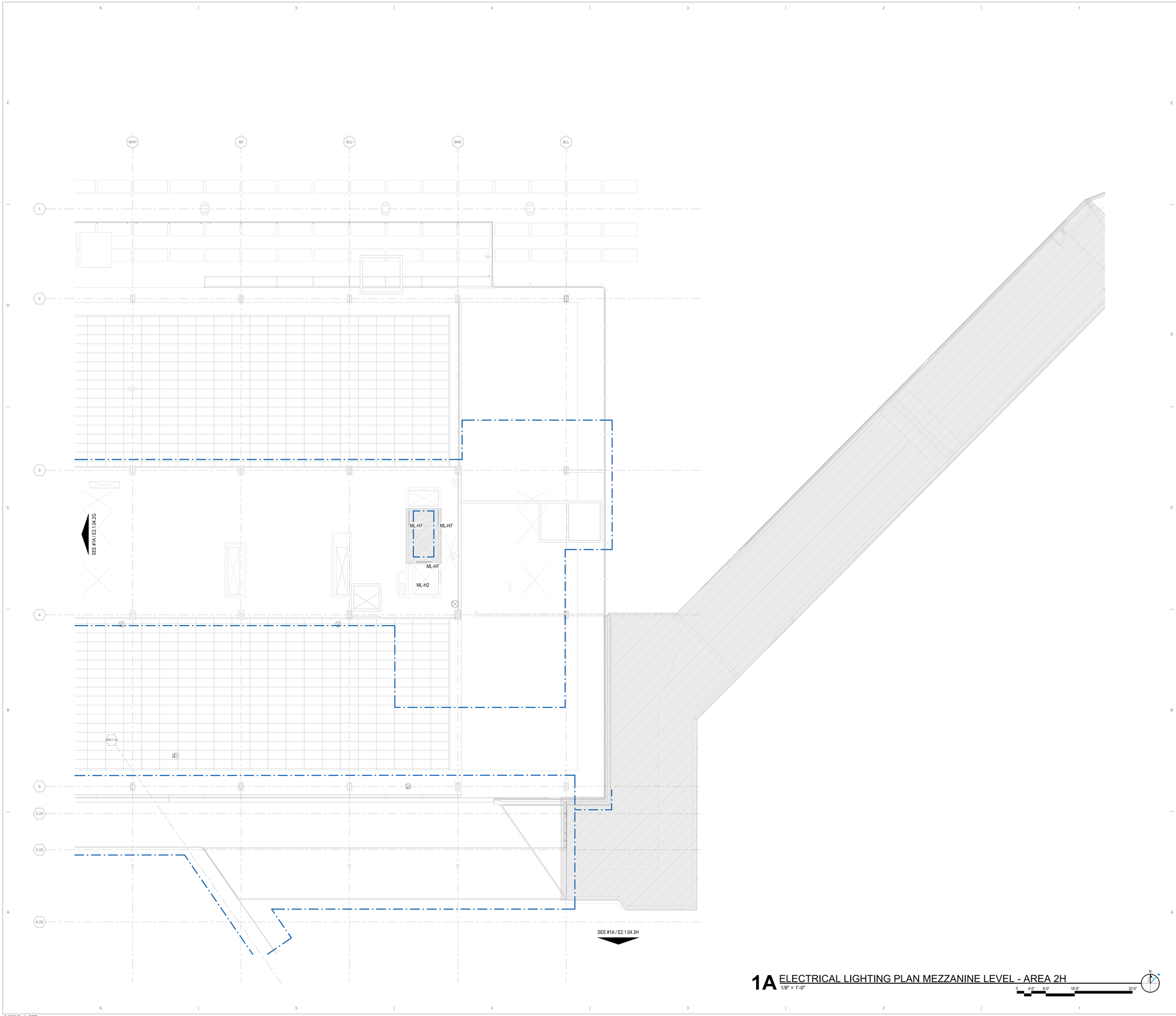


ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 2G

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.1.04.2G



1A ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 2H
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

N

3/20/2023 12:01:53 AM

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ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
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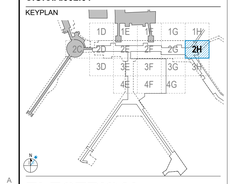
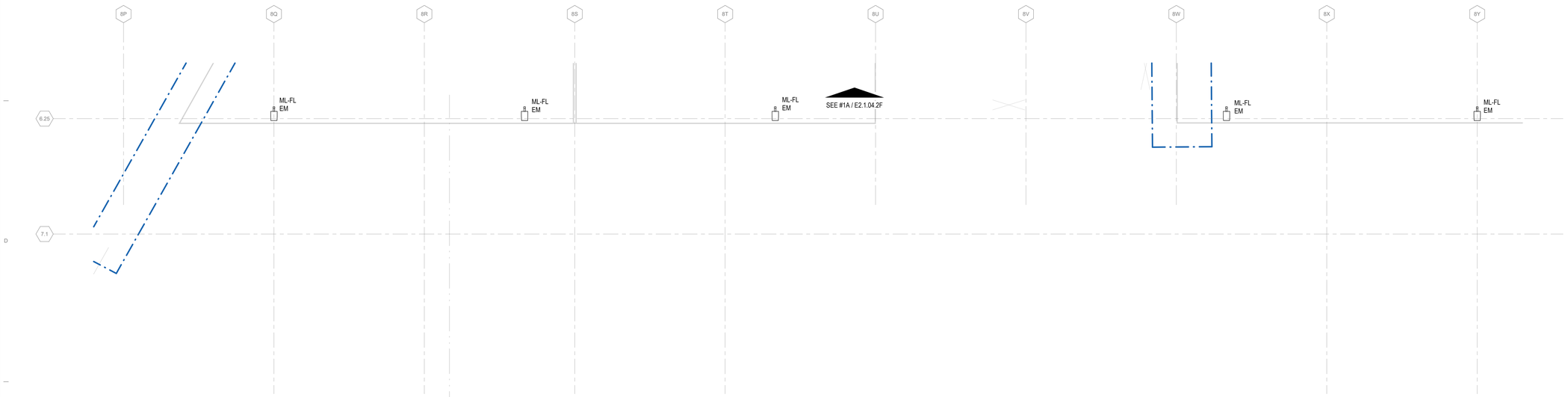


ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 2H

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.1.04.2H



1A ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 3F
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

N

3/20/2023 12:02:08 AM

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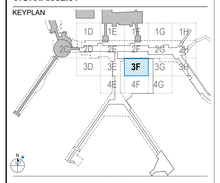
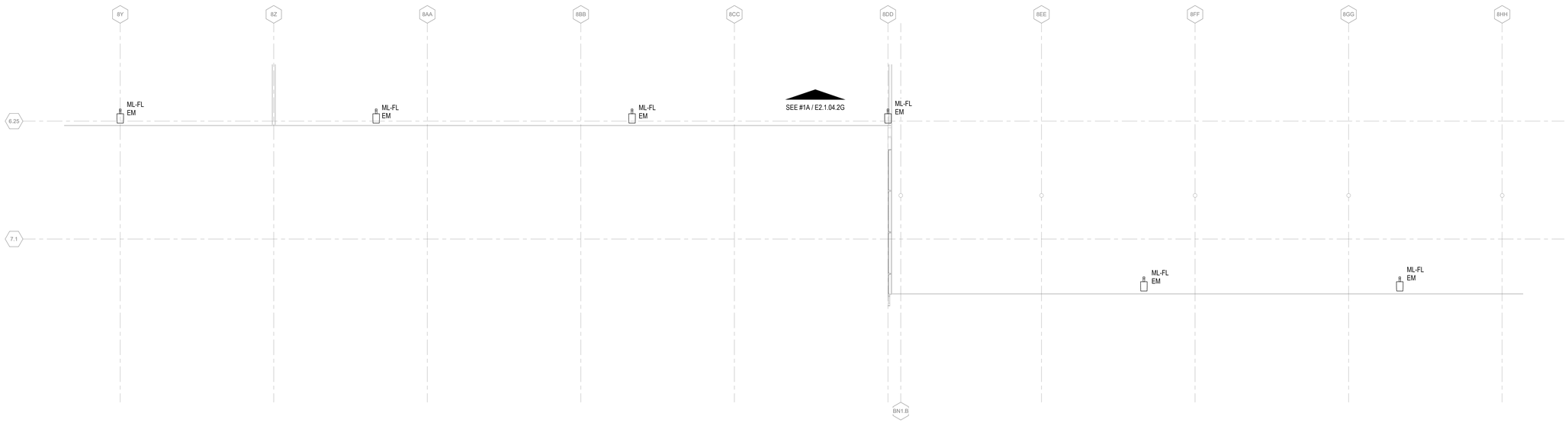


ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 3F

DRAWN BY: **FK**
CHECKED BY: **JR**

SHEET NUMBER
E2.1.04.3F

VOLUME:



1A ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 3G
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

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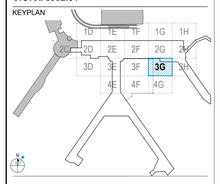

ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 3G

DRAWN BY: **FK**
CHECKED BY: **JR**

SHEET NUMBER
E2.1.04.3G

VOLUME:

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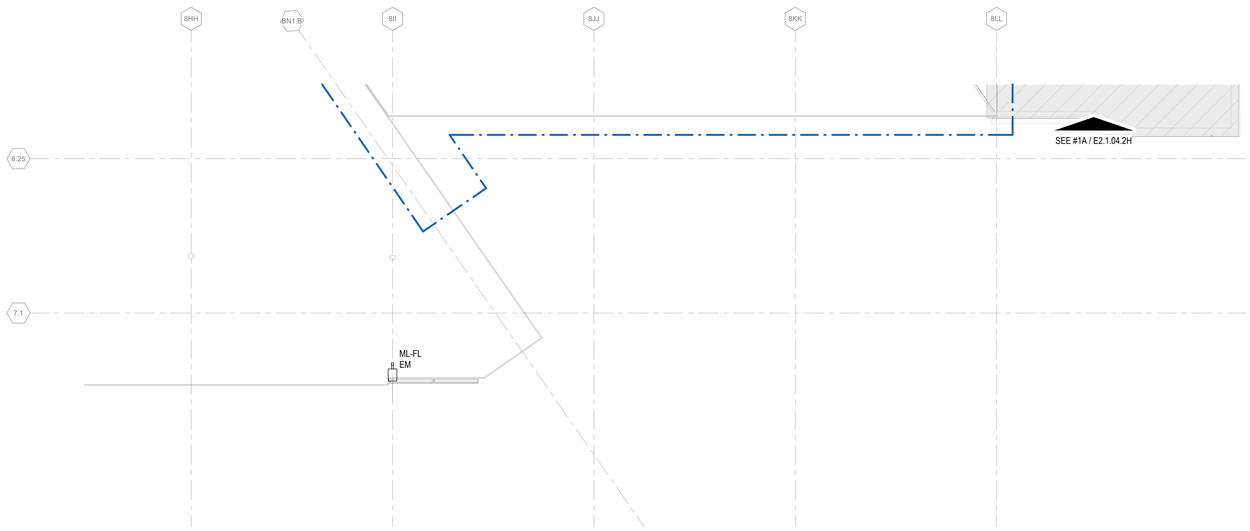

1A ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 3H
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

N

3/20/2023 12:02:37 AM

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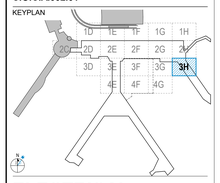


ELECTRICAL LIGHTING PLAN MEZZANINE LEVEL - AREA 3H

DRAWN BY: **FK**
CHECKED BY: **JR**

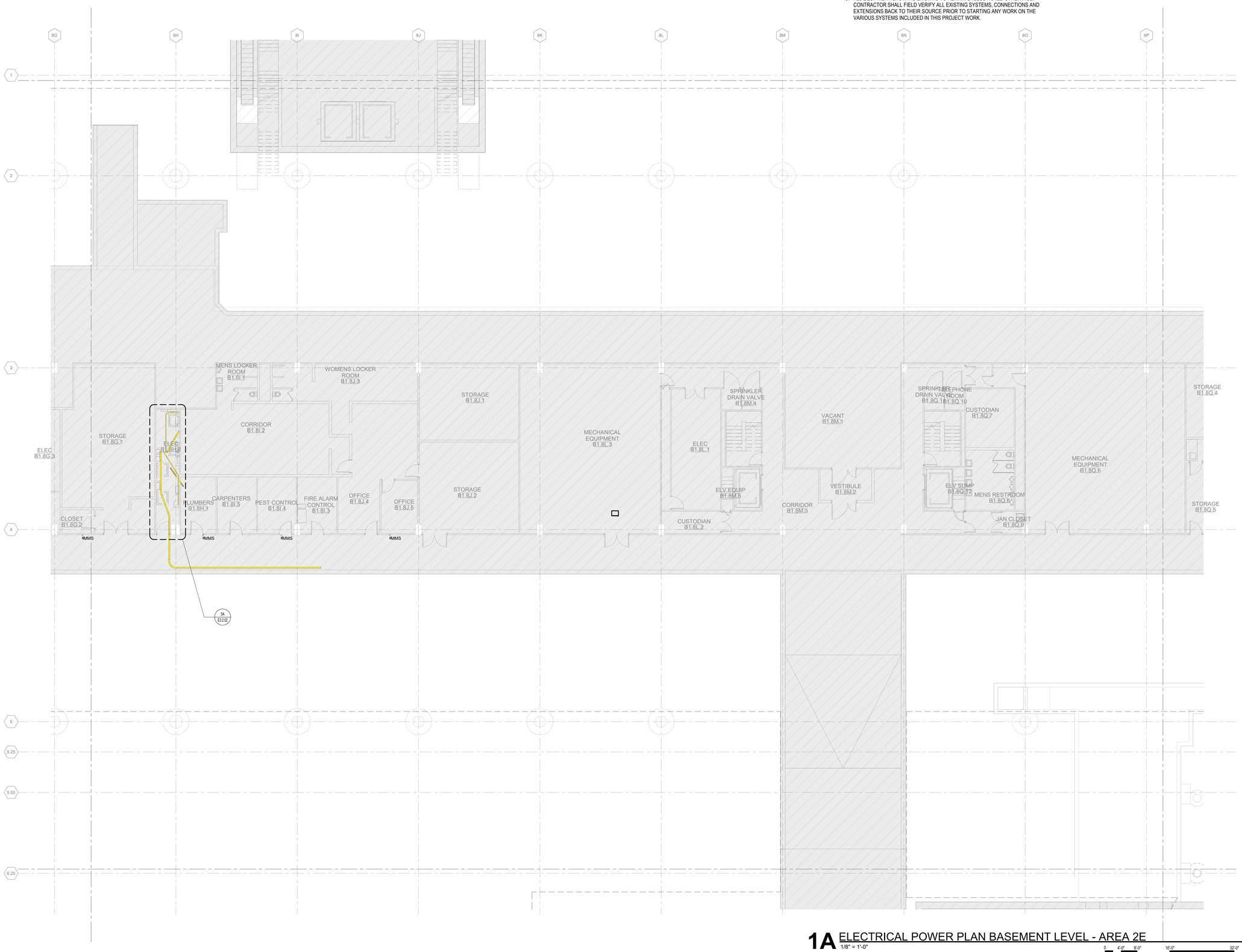
SHEET NUMBER
E2.1.04.3H

VOLUME:

KEYED NOTES #

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
4. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
5. ALL EQUIPMENT SHOWN IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
6. MAINTAIN FIRE RATING OF EXISTING WALLS AND SLABS WHERE NEW CONDUIT PENETRATIONS ARE REQUIRED.
7. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ELECTRICAL DEVICES AND EQUIPMENT IN FIELD.
8. HATCHED AREA(S) SHOW EXTENT OF THE PROPOSED AREA OF WORK. THIS WORK IS TO INCLUDE ALL ELECTRICAL EQUIPMENT AND THE RECONFIGURATION OF ASSOCIATED CONDUITS, CONDUCTORS, HANGERS, SUPPORTS, LIGHT FIXTURES, AND OTHER ASSOCIATED APPURTENANCES. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL SYSTEMS ELECTRICALLY SAFE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED FOR THE PHASING OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
10. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.



1A ELECTRICAL POWER PLAN BASEMENT LEVEL - AREA 2E
1/8" = 1'-0"

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SYSKA HENNESSY GROUP
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NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN

ELECTRICAL POWER PLAN BASEMENT LEVEL - AREA 2E

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER: **E2.2.01.2E**
VOLUME: **3**

3/20/2023 8:06:06 AM

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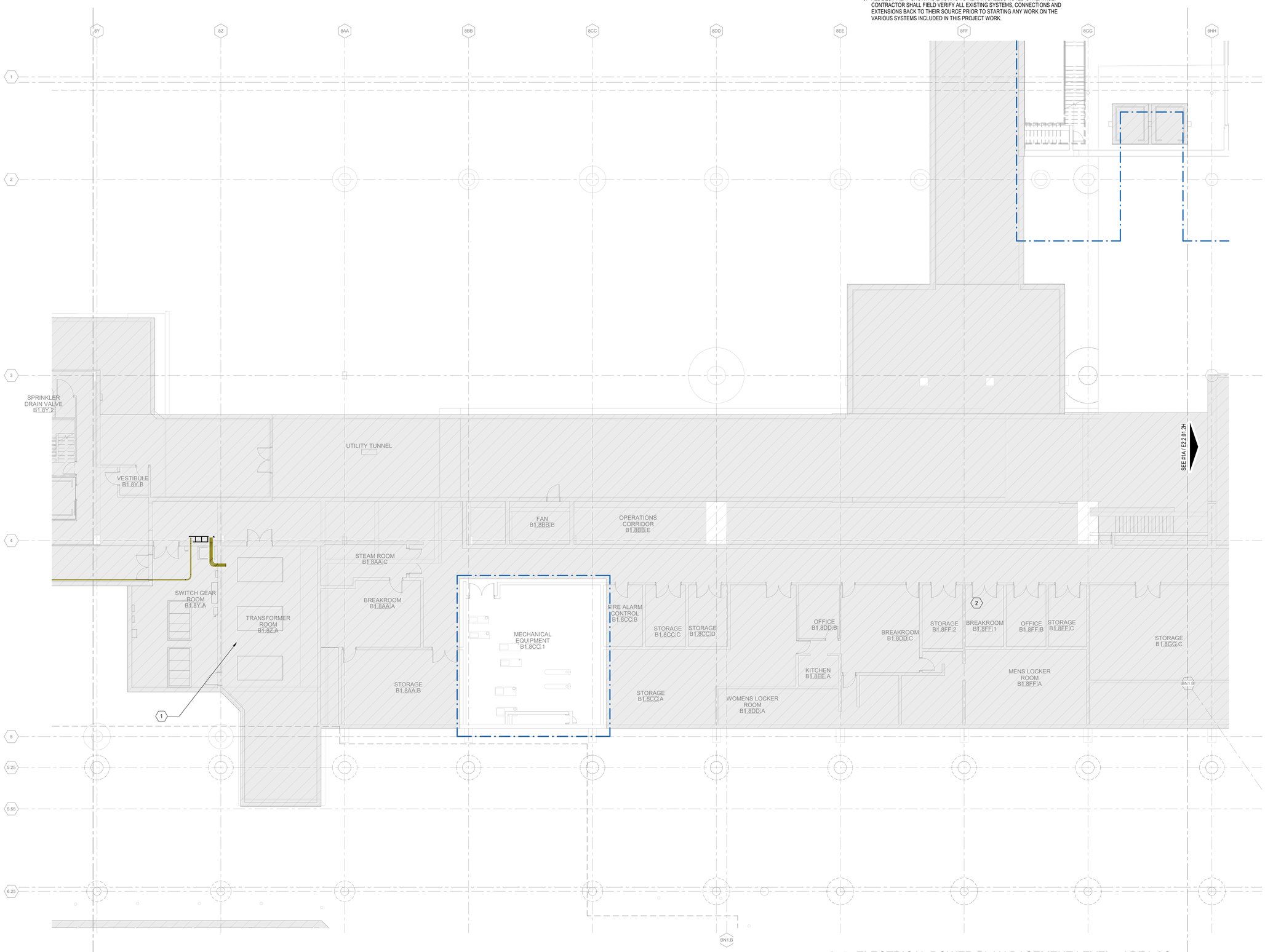
KEYED NOTES #

1 APPROXIMATE LOCATION OF NETWORK CENTER 5604
2

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
4. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
5. ALL EQUIPMENT SHOWN IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
6. MAINTAIN FIRE RATING OF EXISTING WALLS AND SLABS WHERE NEW CONDUIT PENETRATIONS ARE REQUIRED.
7. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ELECTRICAL DEVICES AND EQUIPMENT IN FIELD.
8. HATCHED AREA(S) SHOW EXTENT OF THE PROPOSED AREA OF WORK. THIS WORK IS TO INCLUDE ALL ELECTRICAL EQUIPMENT AND THE RECONFIGURATION OF ASSOCIATED CONDUITS, CONDUCTORS, HANGERS, SUPPORTS, LIGHT FIXTURES, AND OTHER ASSOCIATED APPURTENANCES. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL SYSTEMS ELECTRICALLY SAFE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED FOR THE PHASING OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
10. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.



1A ELECTRICAL POWER PLAN BASEMENT LEVEL - AREA 2G
1/8" = 1'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

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E2.2.01.2G

3/20/2023 12:06:23 AM

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KEYED NOTES #

1. APPROXIMATE LOCATION OF NETWORK CENTER 5612
2. PROVIDE NEW FEEDER TO NEW BHS PDP-B. REFERENCE OVERALL PLAN AND SINGLE LINE DRAWINGS FOR MORE DETAILS.
3. INTERCEPT EXISTING FEEDS FOR 1ATS-320-L-001, 3ATS-320-L-001, AND ATS FIBER LOOP SERVING THE STINGER AND PROVIDE NEW ROUTED AS SHOWN. FEEDS SHALL BE INTERCDEPTED AT EXISTING JUNCTION BOX AT LOWER LEVEL. REFER TO LOWER LEVEL PLANS FOR APPROXIMATE LOCATION.
4. EXISTING FEEDS FOR 1ATS-320-L-001, 3ATS-320-L-001, AND ATS FIBER LOOP SERVING THE STINGER. FEEDS TO BE RE-ROUTED AS SHOWN.
5. NEW CONDUITS SERVING RELOCATED PANEL AA-9H-L11. ROUTE DOWN THROUGH BASEMENT LEVEL TO TS-8KK IN VAULT 7 ELECTRICAL ROOM AT TUNNEL LEVEL. REFER TO ENLARGED PLAN FOR MORE INFORMATION.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
4. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
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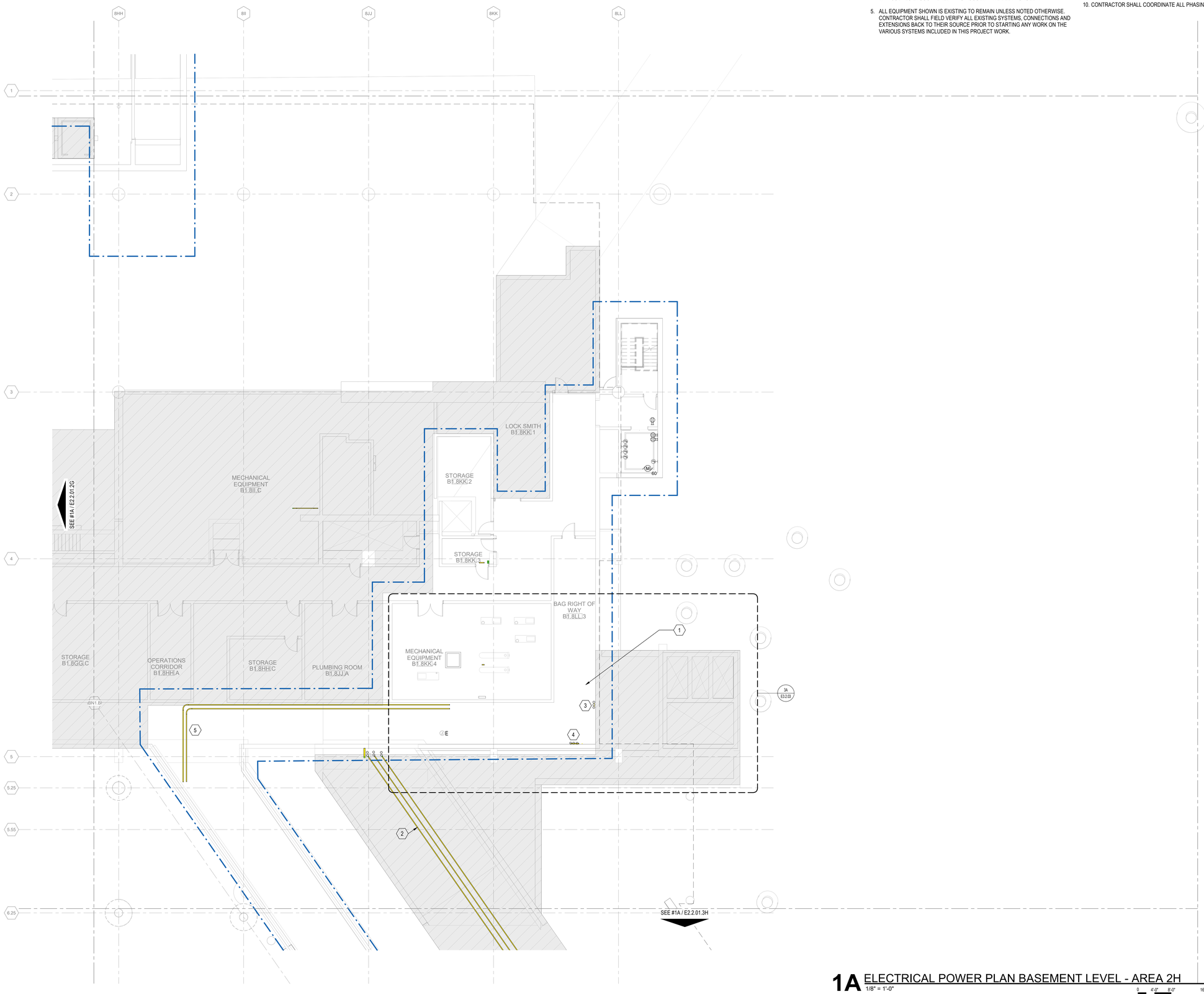

1A ELECTRICAL POWER PLAN BASEMENT LEVEL - AREA 2H

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

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CDA Chicago Department of Aviation

CITY OF CHICAGO
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MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

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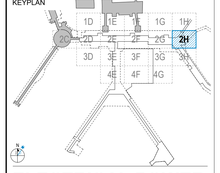
KEYPLAN



ELECTRICAL POWER PLAN BASEMENT LEVEL - AREA 2H

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.2.01.2H

3/20/2023 12:06:48 AM

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KEYED NOTES #

1 APPROXIMATE LOCATION OF NETWORK CENTER 5614
2 NEW BHS PDP. PROVIDE NEW FEED FROM AAL-9NDSF3. ROUTE NEW CONDUIT AS SHOWN. REFER TO ENLARGED PLAN AND SINGLE LINES FOR ADDITIONAL DETAILS. COORDINATE EXACT LOCATION WITH BHS DRAWINGS.
3 NEW BHS MOTOR PANELS. FEEDS FROM NEW PDP TO MOTOR PANELS BY BHS CONTRACTOR.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
4. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
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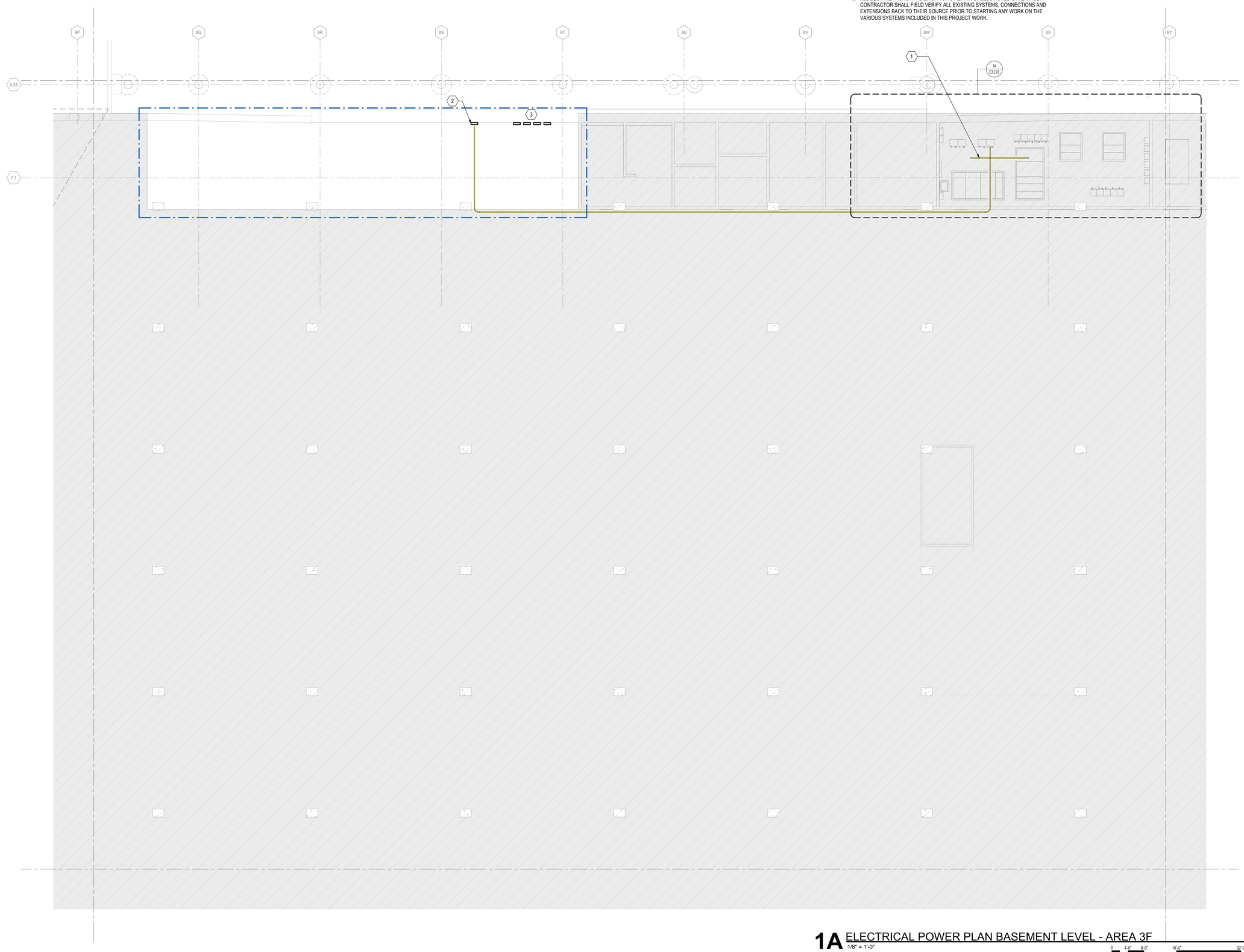

1A ELECTRICAL POWER PLAN BASEMENT LEVEL - AREA 3F
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

DRAFT - PRE-DECISIONAL

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CITY OF CHICAGO
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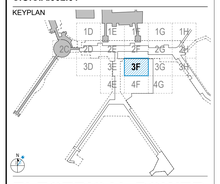
KEYPLAN



ELECTRICAL POWER PLAN BASEMENT LEVEL - AREA 3F

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER VOLUME: **3**
E2.2.01.3F

3/20/2023 8:06:37 AM

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KEYED NOTES #

1 APPROXIMATE LOCATION OF NETWORK CENTER 5611
2 NEW CONDUITS SERVING NEW BHS PDP-B ON THE LOWER LEVEL. ROUTE DOWN TO TS-9LLL IN VAULT 8 ELECTRICAL ROOM. REFER TO LOWER LEVEL PLANS FOR LOCATION OF PDP-B.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
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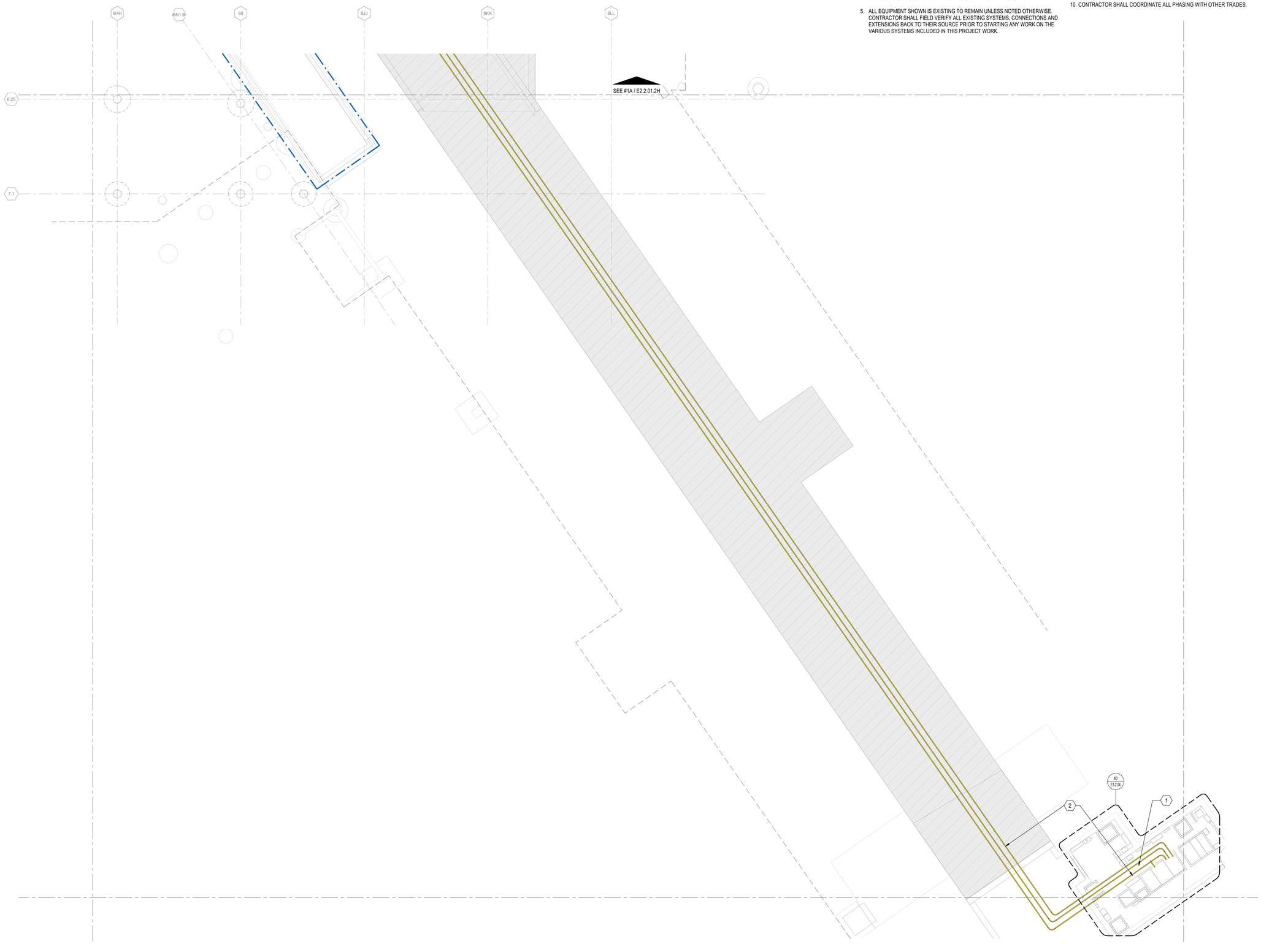

1A ELECTRICAL POWER PLAN BASEMENT LEVEL - AREA 3H
1/8" = 1'-0"

DRAFT - PRE-DECISIONAL

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KEYPLAN

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SHEET NUMBER **E2.2.01.3H** VOLUME: **3**

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KEYED NOTES #

1 EXISTING BHS MCP-32B IN NEW LOCATION. EXTEND EXISTING REFER TO BHS DRAWINGS FOR MORE INFORMATION.

3 NEW BHS ORIGINATING PDP. PROVIDE NEW FEED FROM AAL 9D-4.5/8L. ROUTE NEW CONDUIT AS SHOWN. COORDINATE EXACT LOCATION WITH BHS DRAWINGS.

4 NEW BHS MOTOR PANELS. FEEDS FROM NEW PDP TO MOTOR PANELS BY BHS CONTRACTOR.

5 PROVIDE NEW CARBON MONOXIDE AND NITROGEN DIOXIDE DETECTORS WITHIN EXHUAST FANS . PROPOSED DETECTORS SHALL BE OF IN-KIND TYPE, SIZE, AND RATING AS EXISTING. CONDUIT AND WIRING FROM PREVIOUS DETECTORS MAY BE RE-USED TO EXTENT POSSIBLE. REFER TO FA RISER DIAGRAMS ON THE E-XXX SERIES DRAWINGS FOR ADDITIONAL DETAILS. REFER TO MECHANICAL CONTRACT DRAWINGS FOR ADDITIONAL INFORMATION REGARDING LOCATION OF DETECTORS. (TYPICAL FOR CARBON MONOXIDE AND NITROGEN DIOXIDE DETECTORS)

6 NEW PANEL TO REPLACE EXISTING PANEL. PROVIDE NEW FEEDER TO NEW PANEL LOCATION. EXTEND EXISTING BRANCH CIRCUITS TO REMAIN TO NEW LOCATION SHOWN. REFER TO DEMO SHEETS AND SINGLE LINES FOR MORE INFORMATION.

7 EXISTING PANEL IN NEW LOCATION. INTERCEPT EXISTING FEEDER AT EXISTING JUNCTION BOX AND EXTEND TO NEW LOCATION SHOWN. EXTEND ALL BRANCH CIRCUITING AS REQUIRED. COORDINATE BRANCH CIRCUIT EXTENDSIONS WITH BHS DRAWINGS.

8 EXTEND EXISTING BRANCH CIRCUIT FOR FIRE SHUTTER TO NEW FIRE SHUTTER LOCATION. COORDINATE EXACT LOCATION WITH ARCHITECTURAL AND BHS DRAWINGS.

LEGEND

E	EXISTING
N	NEW

GENERAL NOTES

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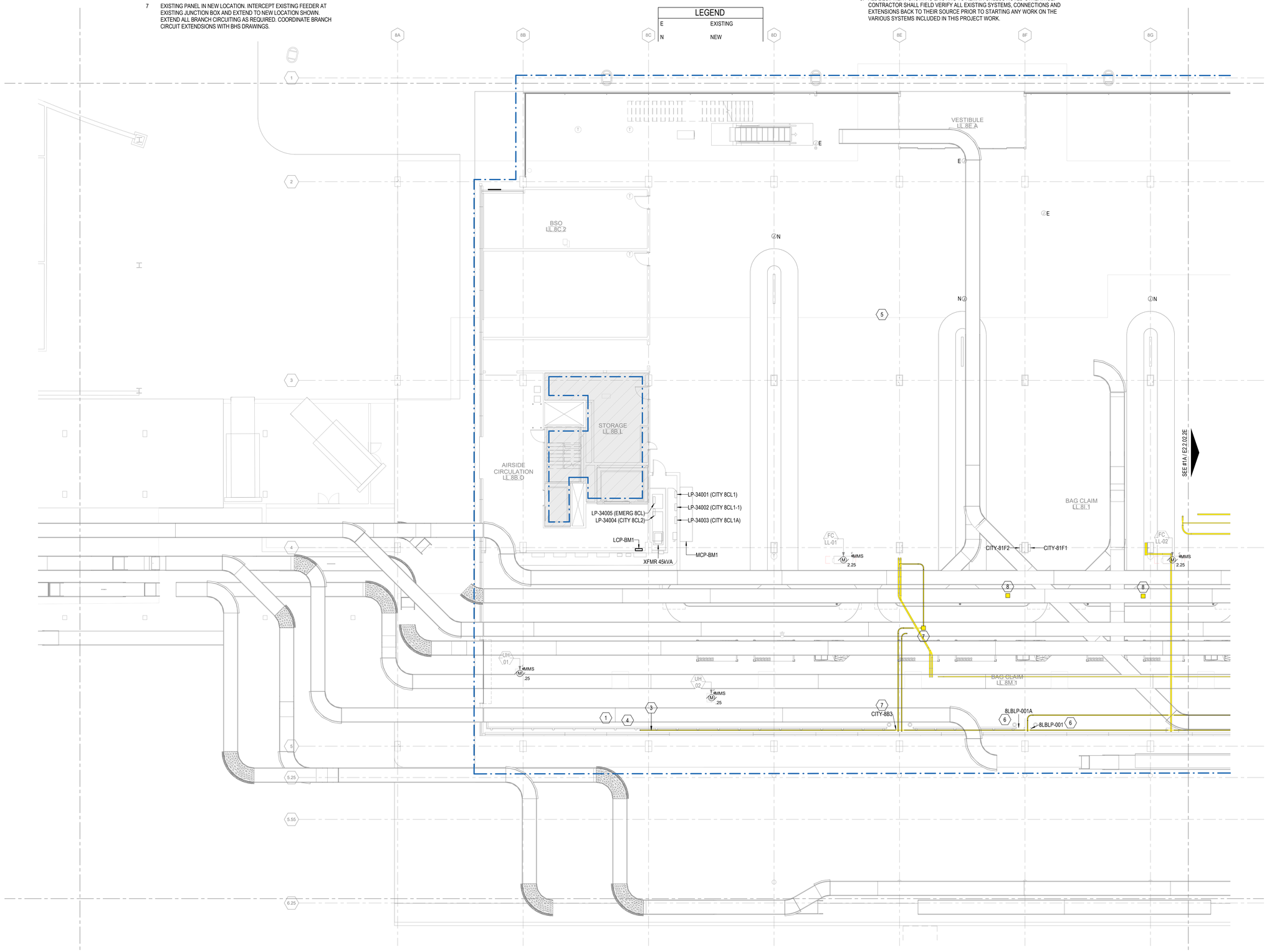

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KEYED NOTES #

1. EXISTING EDS MACHINE TO BE RELOCATED. PROVIDE CONDUIT, WIRE, AND ASSOCIATED APPURTENANCES TO RE-FEED MACHINE AT THE NEW LOCATION. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL AND BHS DRAWINGS FOR ADDITIONAL INFORMATION.
2. PROVIDE NEW FEED FROM AAL 9D-4.5/8L TO NEW BHS ORIGINATING PDP. ROUTE NEW CONDUIT AS SHOWN. COORDINATE EXACT LOCATION WITH BHS DRAWINGS.
3. PROVIDE NEW CARBON MONOXIDE AND NITROGEN DIOXIDE DETECTORS WITHIN EXHUAST FANS . PROPOSED DETECTORS SHALL BE OF IN-KIND TYPE, SIZE, AND RATING AS EXISTING. CONDUIT AND WIRING FROM PREVIOUS DETECTORS MAY BE RE-USED TO EXTENT POSSIBLE. REFER TO FA RISER DIAGRAMS ON THE E-XXX SERIES DRAWINGS FOR ADDITIONAL DETAILS. REFER TO MECHANICAL CONTRACT DRAWINGS FOR ADDITIONAL INFORMATION REGARDING LOCATION OF DETECTORS. (TYPICAL FOR CARBON MONOXIDE AND NITROGEN DIOXIDE DETECTORS)
4. PROVIDE NEW FEED FROM TRF32004 LOCATED IN BASEMENT ELECTRICAL ROOM TO NEW PANELS AT COLUMN 8F. ROUTE NEW CONDUIT AS SHOWN.
5. NEW LOCATION OF EXISTING CONDUITS FROM T3.B.8G.B BELOW SERVING PANELS ON UPPER LEVEL. REFER TO DEMO DRAWINGS FOR MORE INFORMATION.
6. NEW PANEL TO REPLACE EXISTING PANEL. PROVIDE NEW FEEDER TO NEW PANEL LOCATION. EXTEND EXISTING BRANCH CIRCUITS TO REMAIN TO NEW LOCATION SHOWN. REFER TO DEMO SHEETS AND SINGLE LINES FOR MORE INFORMATION.
7. PROVIDE NEW FEED FROM TRF32005 LOCATED IN BASEMENT ELECTRICAL ROOM TO NEW PANELS AT COLUMN 8F. ROUTE NEW CONDUIT AS SHOWN.
8. EXISTING BHS MCP-32A IN NEW LOCATION. EXTEND EXISTING. REFER TO BHS DRWAINGS FOR MORE INFORMATION.
9. EXISTING CONDUIT TO BE DEMOLISHED. CONTRACTOR TO DEMOLISH CONDUIT, CONDUCTORS, HANGERS, SUPPORTS, AND ASSOCIATED APPURTENENACES FROM JUNCTION BOX BACK TO SOURCE

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
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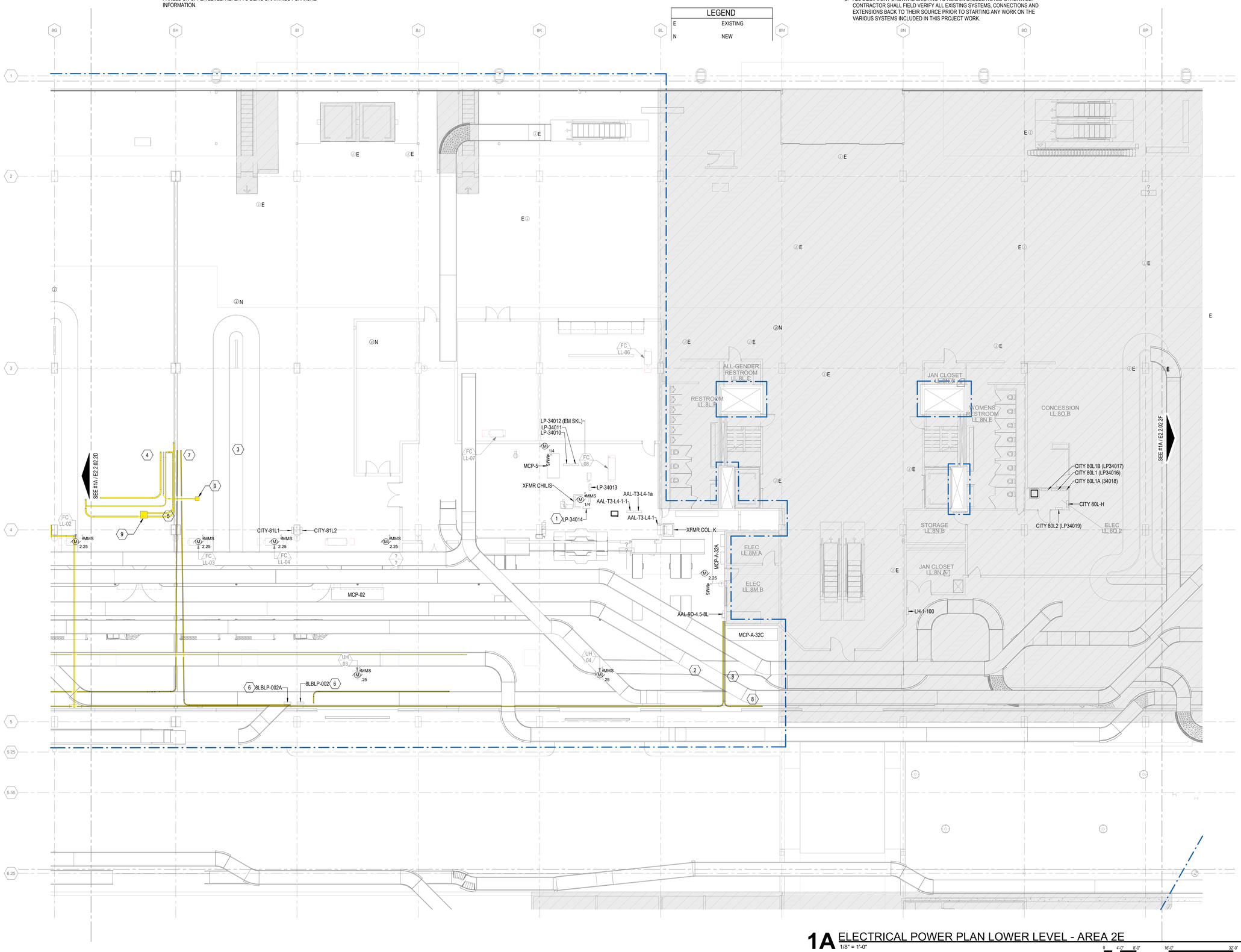
LEGEND

E	EXISTING
N	NEW



1A ELECTRICAL POWER PLAN LOWER LEVEL - AREA 2E
1/8" = 1'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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MILHOUSE

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN

ELECTRICAL POWER PLAN LOWER LEVEL - AREA 2E

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
E2.2.02.2E

3/20/2023 8:07:20 AM

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KEYED NOTES #

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LEGEND

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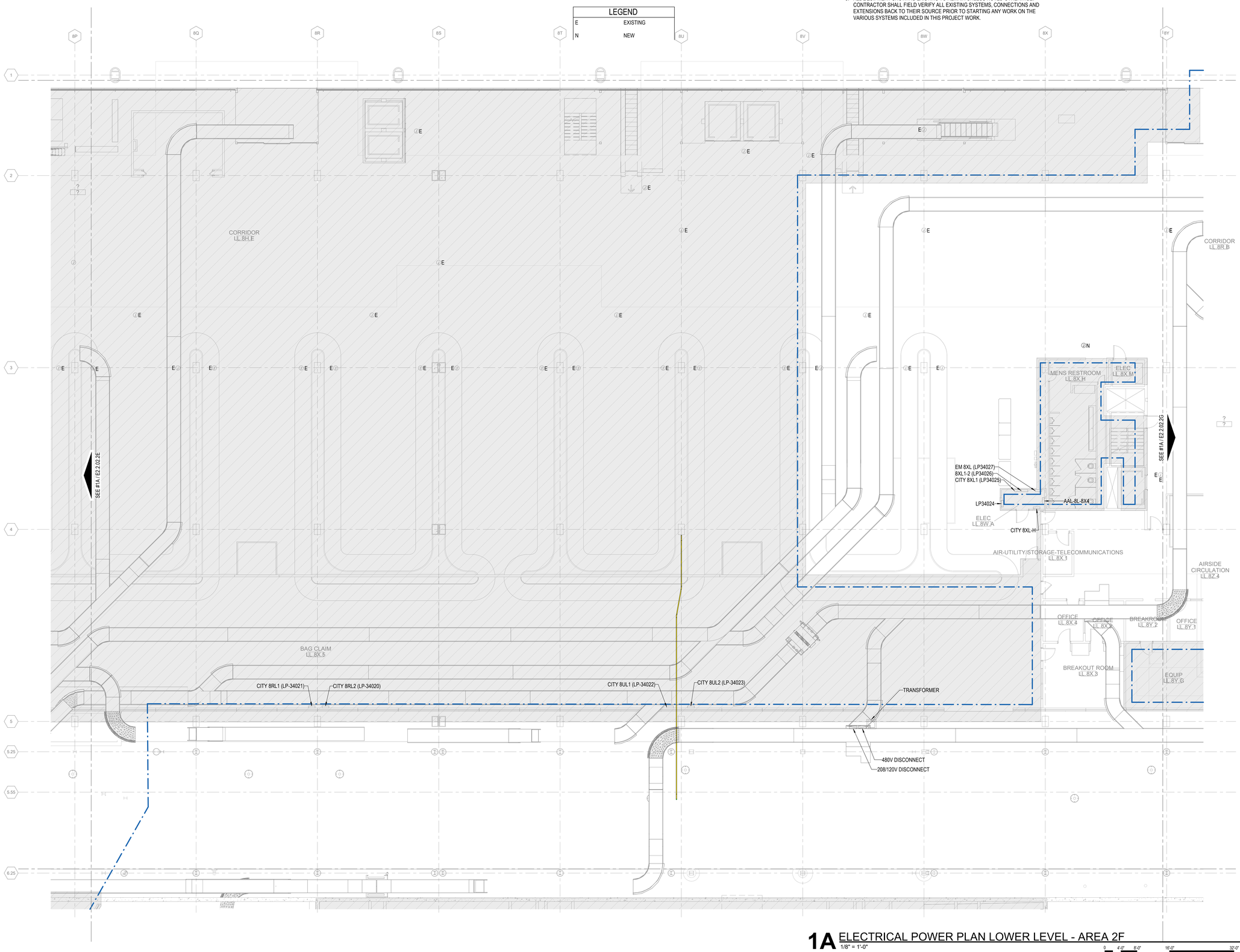
N	NEW



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CDA Chicago Department of Aviation

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KEYPLAN

ELECTRICAL POWER PLAN LOWER LEVEL - AREA 2F

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER: **E2.2.02.2F** VOLUME: **3**

3/20/2023 8:07:54 AM

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KEYED NOTES #

1 CONTRACTOR SHALL PROVIDE A 5HP, 480V, 3PH, BEAM HOISE FOR COMED AREA-WAY/TRANSFORMER REMOVAL. PROVIDE 3#10 AND 1#10G IN 3/4"C BACK TO NEAREST 480V PANEL WITH 30A CB. PROVIDE 30A NON-FUSED DISCONNECT SWITCH WITHIN LINE OF SIGHT OF HOIST.

2 CONTRACTOR SHALL PROVIDE POWER FOR A 2HP, 480V HIGH SPED ROLL-UP DOOR. PROVIDE 3#10 AND 1#10G IN 3/4"C. PROVIDE 30A NON-FUSED DISCONNECT AS SHOWN FEED TO DISCONNECT BY ELECTRICAL CONTRACTOR. ALL WIRING AND CONTROLS FROM LOAD OF DISCONNECT TO DOOR AND MOTOR BY DOOR CONTRACTOR.

3 EXISTING CATHODIC PROTECTION JUNCTION BOX TO REMAIN.

GENERAL NOTES

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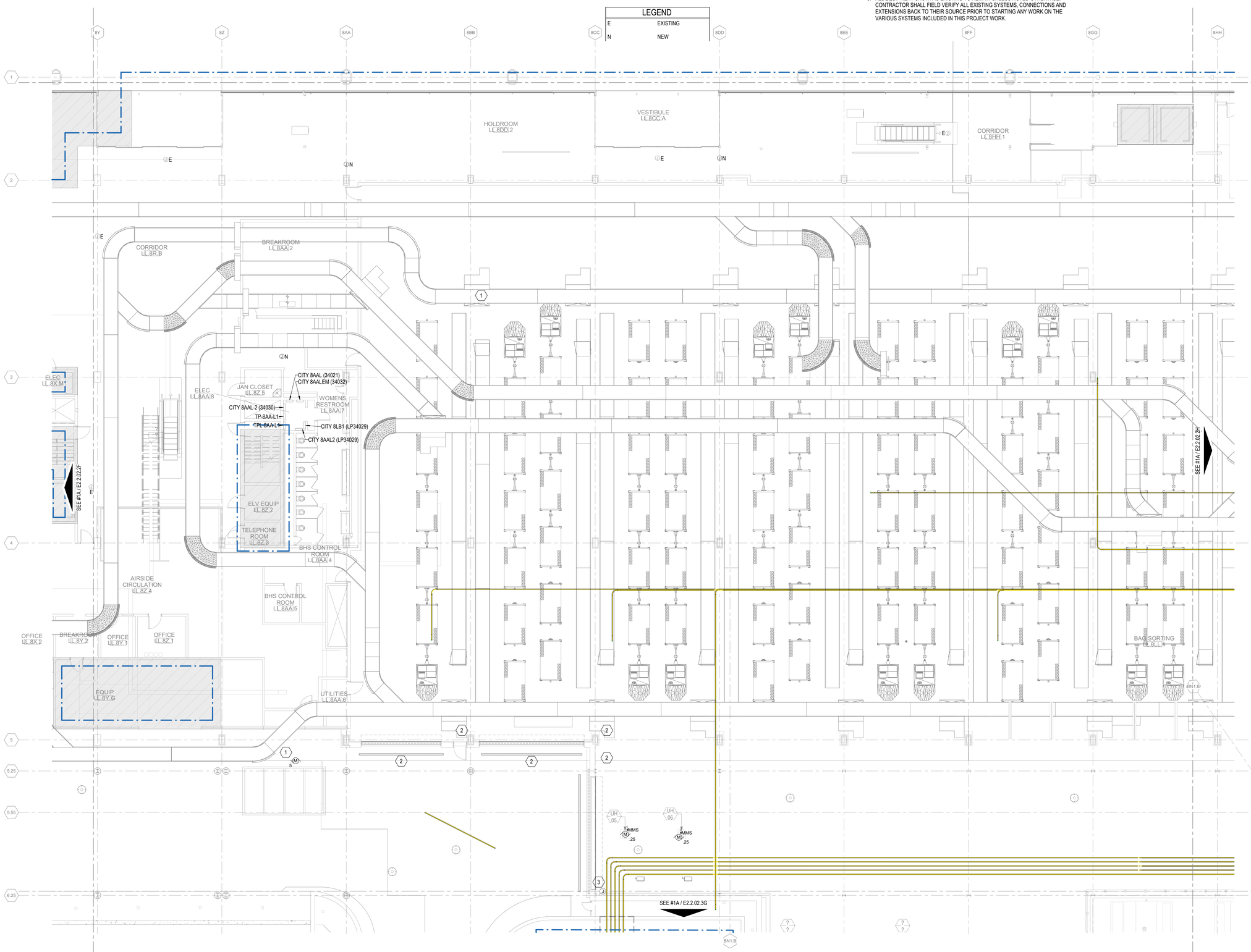

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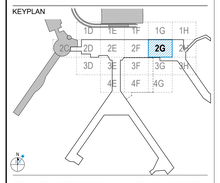

ELECTRICAL POWER PLAN LOWER LEVEL - AREA 2G

DRAWN BY: **FK** CHECKED BY: **JR**

SHEET NUMBER VOLUME: **3**

E2.2.02.2G

3/20/2023 12:12:40 AM

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KEYED NOTES

NEW 480V, 3-PHASE 50KW BATTERY CHARGER.

1 NEW PANEL TO REPLACE EXISTING PANEL. PROVIDE NEW FEEDER TO NEW PANEL LOCATION. EXTEND EXISTING BRANCH CIRCUITS TO REMAIN TO NEW LOCATION SHOWN. REFER TO DEMO SHEETS AND SINGLE LINES FOR MORE INFORMATION.

2 PROPOSED EXHAUST FAN. CONTRACTOR TO PROVIDE POWER TO EXHAUST FAN AT THIS LOCATION UTILIZING NEW CONDUIT AND WIRING THROUGH A MANUAL MOTOR STARTER SWITCH (MMS) FROM DESIGNATED PANEL SHOWN. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON DRAWING E-XXX FOR ADDITIONAL ELECTRICAL REQUIREMENTS. FINAL ROUTING TO BE COORDINATED IN THE FIELD (TYP).

3 PROPOSED UNIT HEATERS. CONTRACTOR TO PROVIDE POWER TO UNIT HEATERS AT THIS LOCATION UTILIZING NEW CONDUIT AND WIRING. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON DRAWING E-XXX FOR ADDITIONAL ELECTRICAL REQUIREMENTS. FINAL ROUTING TO BE COORDINATED IN THE FIELD.

4 NEW MANHOLE AND UNDERGROUND DUCT BANK FEEDING STINGER SERVICE DISCONNECT. DUCT BANK SHALL BE ROUTED FROM COMED NETWORK CENTER 5612 BELOW. REFER TO DEMO DRAWINGS FOR LOCATION OF EXISTING DUCT BANK BEING REMOVED. REFER TO ENLARGED PLANS FOR MORE DETAILS. COORDINATE WORK WITH EXISTING UTILITIES AND WITH COMED. PROVIDE TEMPORARY POWER TO MAINTAIN SERVICE TO THE STINGER DURING CUTOVER. CUTOVER SHALL NOT IMPACT DAILY OPERATION OF THE STINGER.

5 EXISTING JET BRIDGE AND GPU DISCONNECTS. UTILIZE EXISTING CIRCUIT IN AAL-9H-L11 AND PROVIDE NEW FEEDER AS SHOWN. REFER TO DEMOLITION DRAWINGS FOR MORE DETAILS.

6 EXISTING PCA DISCONNECT. UTILIZE EXISTING CIRCUIT IN AAL-9H-L11A AND PROVIDE NEW FEEDER AS SHOWN. REFER TO DEMOLITION DRAWINGS FOR MORE DETAILS.

7 EXISTING POTABLE WATER CABINET DISCONNECT. UTILIZE EXISTING CIRCUIT IN AAL-9L-L11A AND PROVIDE NEW FEEDER AS SHOWN. REFER TO DEMOLITION DRAWINGS FOR MORE DETAILS.

8 NEW BHS PDP-A AND PDP-B. PROVIDE NEW FEEDS FROM TS-8KK AND TS-9LLL. ROUTE NEW CONDUITS AS SHOWN. REFER TO ENLARGED PLANS AND SINGLE LINES FOR MORE DETAILS. COORDINATE EXACT LOCATION WITH BHS DRAWINGS.

9 NEW 480V, 3-PHASE 50KW BATTERY CHARGER.

10 NEW BATTERY CHARGER PANEL. PROVIDE 480V, 3-PHASE POWER TO NEW ELECATOR. COORDINATE ALL REQUIREMENTS WITH ARCHITECT.

11 NEW BHS PDP-A AND PDP-B. PROVIDE NEW FEEDS FROM TS-8KK AND TS-9LLL. ROUTE NEW CONDUITS AS SHOWN. REFER TO ENLARGED PLANS AND SINGLE LINES FOR MORE DETAILS. COORDINATE EXACT LOCATION WITH BHS DRAWINGS.

12 EXISTING EQUIPMENT TO REMAIN.

13 NEW CONDUITS SERVING REOLCATED PNALE AA-9H-L11. ROUTE DOWN THROUGH BASEMENT LEVEL TO TS-8KK IN VAULT 7 ELECTRICAL ROOM AT TUNNEL LEVEL. REFER TO ENLARGED PLAN FOR MORE INFORMATION.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
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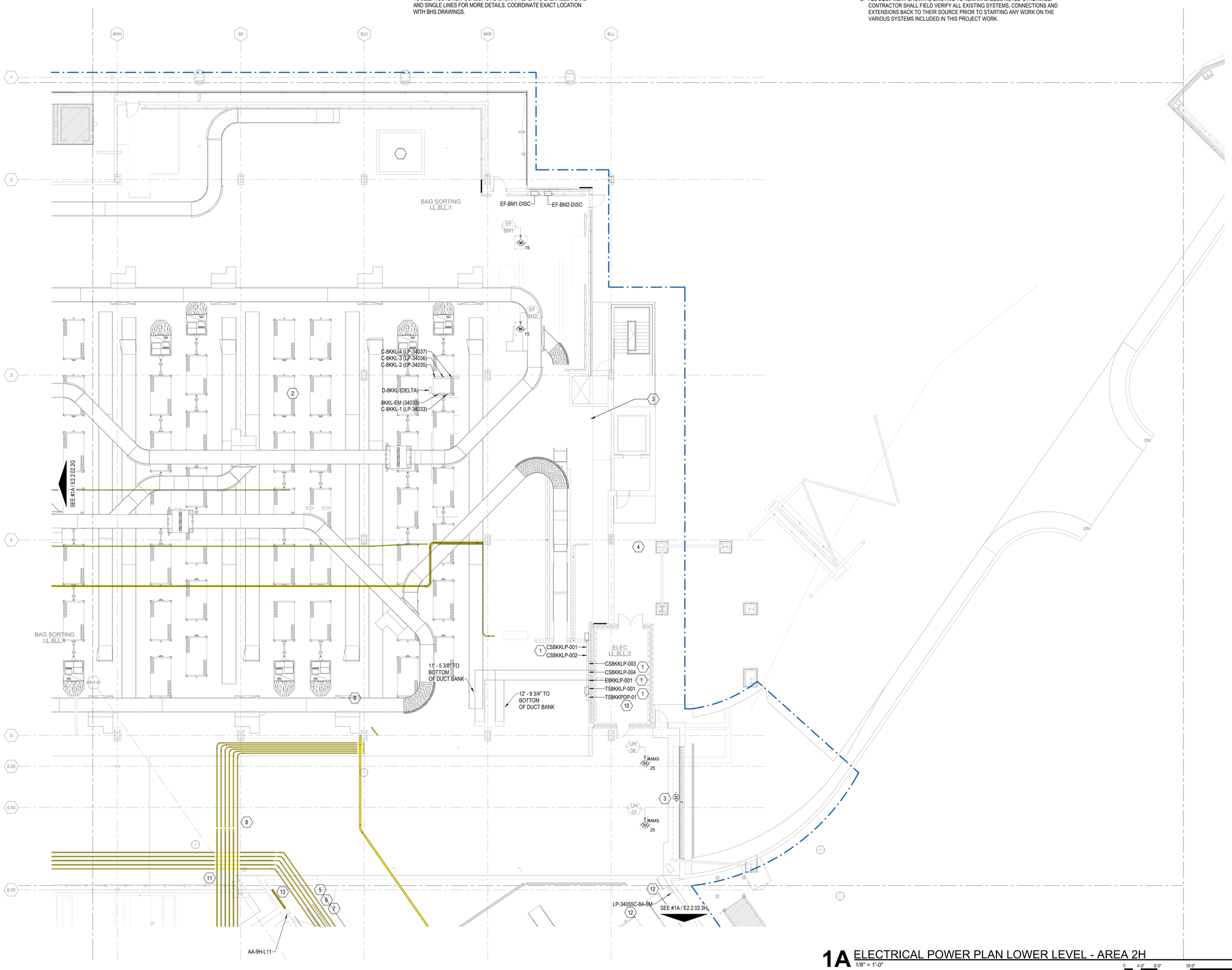

1A ELECTRICAL POWER PLAN LOWER LEVEL - AREA 2H
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

DRAFT - PRE-DECISIONAL

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CDA Chicago Department of Aviation

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JAMIE L. RHEE
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KEYPLAN

ELECTRICAL POWER PLAN LOWER LEVEL - AREA 2H

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CHECKED BY: JR
SHEET NUMBER
VOLUME: 3
E2.2.02.2H

3/20/2023 12:14:42 AM

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KEYED NOTES #

1. NEW 480V, 3-PHASE 50KW BATTERY CHARGER.
2. EXISTING CATHODIC PROTECTION JUNCTION BOX TO REMAIN.
3. NEW BATTERY CHARGER PANEL.
4. RELOCATED FUEL SHUT OFF. COORDINATE EXACT LOCATION WITH AIRFILED DRAWINGS.

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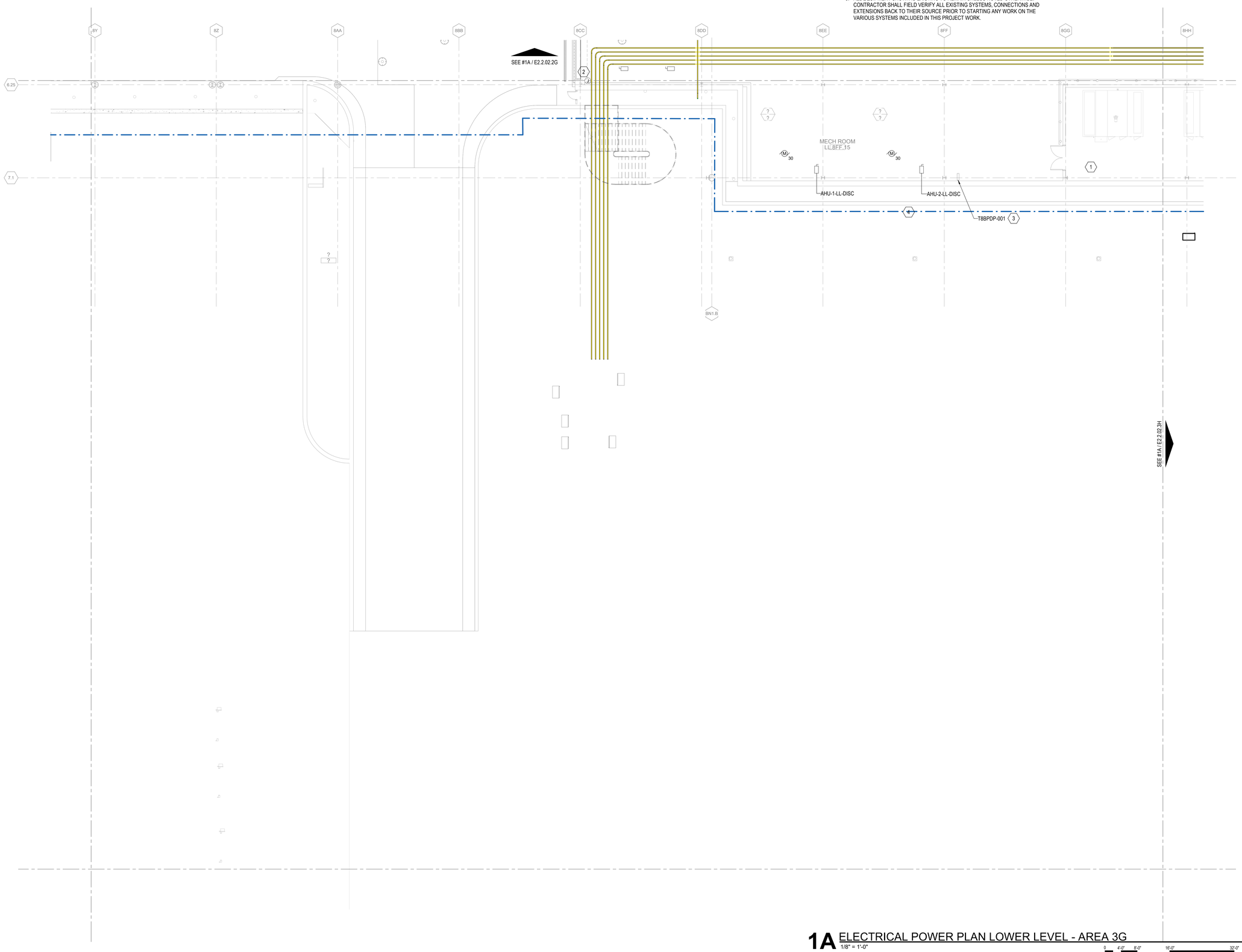

1A ELECTRICAL POWER PLAN LOWER LEVEL - AREA 3G
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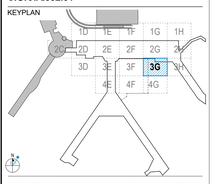

ELECTRICAL POWER PLAN LOWER LEVEL - AREA 3G

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SHEET NUMBER **E2.2.02.3G** VOLUME: **3**

3/20/2023 12:15:46 AM

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KEYED NOTES #

1. NEW BHS PDP-A AND PDP-B. PROVIDE NEW FEEDS FROM TS-8KK AND TS-9LLL. ROUTE NEW CONDUITS AS SHOWN. REFER TO ENLARGED PLANS AND SINGLE LINES FOR MORE DETAILS. COORDINATE EXACT LOCATION WITH BHS DRAWINGS.
2. NEW BHS MOTOR PANELS. FEEDS FROM NEW PDP TO MOTOR PANELS BY BHS CONTRACTOR.
3. EXISTING PANEL IN NEW LOCATION. ROUTE NEW FEEDERS TO LOCATION SHOWN AND EXTEND EXISTING BRANCH CIRCUITS TO NEW LOCATION. REFER TO DEMO PLANS FOR MORE INFORMATION.
4. EXISTING EQUIPMENT TO REMAIN.
5. NEW CONDUITS SERVING REOLCATED PNALE AA-9H-L11. ROUTE DOWN THROUGH BASEMENT LEVEL TO TS-8KK IN VAULT 7 ELECTRICAL ROOM AT TUNNEL LEVEL. REFER TO ENLARGED PLAN FOR MORE INFORMATION.

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6. MAINTAIN FIRE RATING OF EXISTING WALLS AND SLABS WHERE NEW CONDUIT PENETRATIONS ARE REQUIRED.
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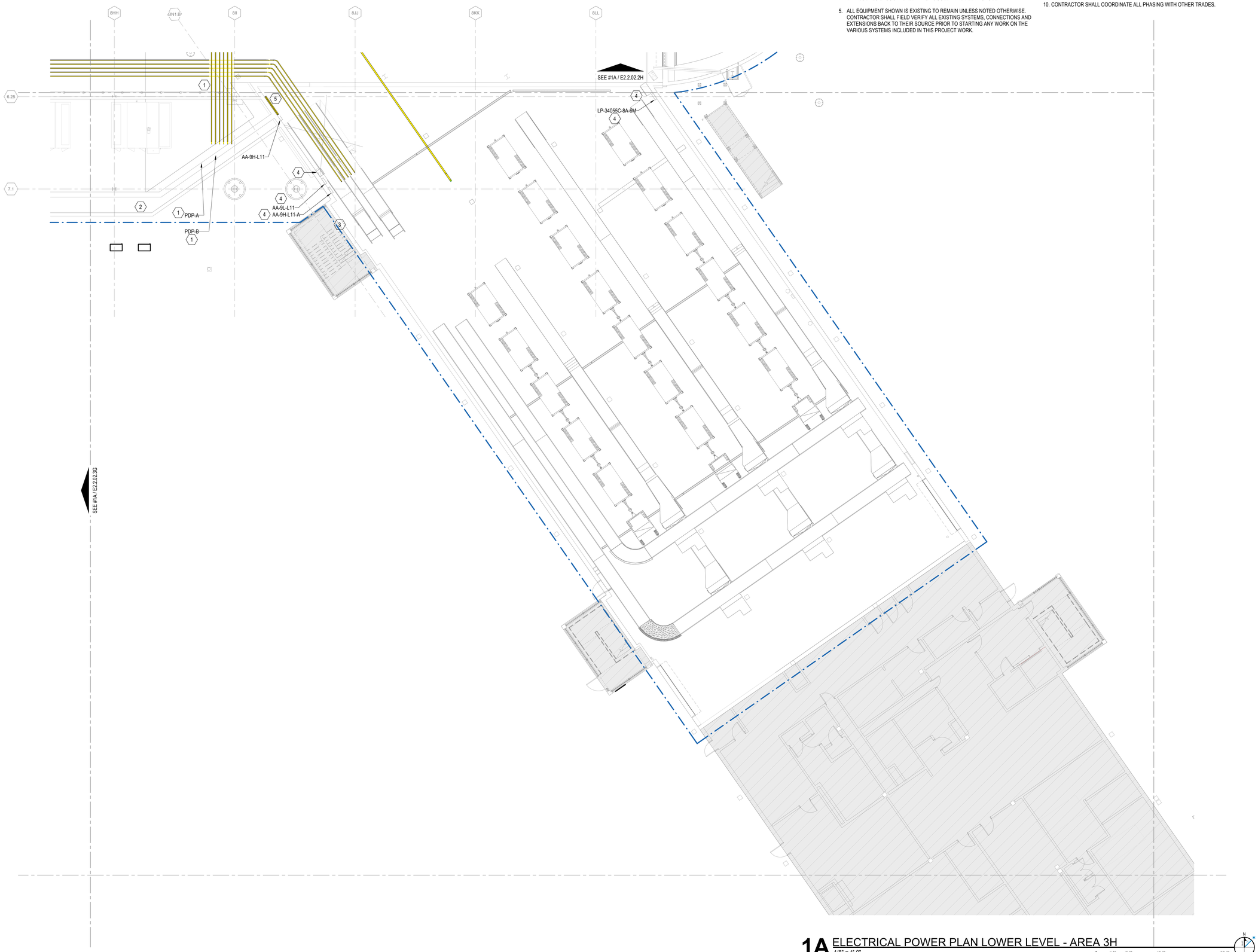
8. HATCHED AREA(S) SHOW EXTENT OF THE PROPOSED AREA OF WORK. THIS WORK IS TO INCLUDE ALL ELECTRICAL EQUIPMENT AND THE RECONFIGURATION OF ASSOCIATED CONDUITS, CONDUCTORS, HANGERS, SUPPORTS, LIGHT FIXTURES, AND OTHER ASSOCIATED APPURTENANCES. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL SYSTEMS ELECTRICALLY SAFE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED FOR THE PHASING OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
10. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.



1A ELECTRICAL POWER PLAN LOWER LEVEL - AREA 3H

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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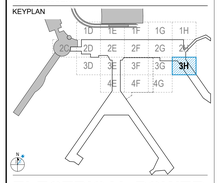
NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN



ELECTRICAL POWER PLAN LOWER LEVEL - AREA 3H

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CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.2.02.3H

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KEYED NOTES #

1 CONTRACTOR TO PROVIDE NEW EXPANSION AND RENOVATION FOR AIRLINE SUPPORT WITHIN THIS HATCHED AREA.

2 PROPOSED EXIT CONTROL LANE. CONTRACTOR TO PROVIDE JUNCTION BOX, CONDUIT, AND WIRE FOR CONNECTION TO EQUIPMENT. COORDINATE FINAL LOCATION OF CONNECTION TO EQUIPMENT WITH MANUFACTURER IN THE FIELD. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
4. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
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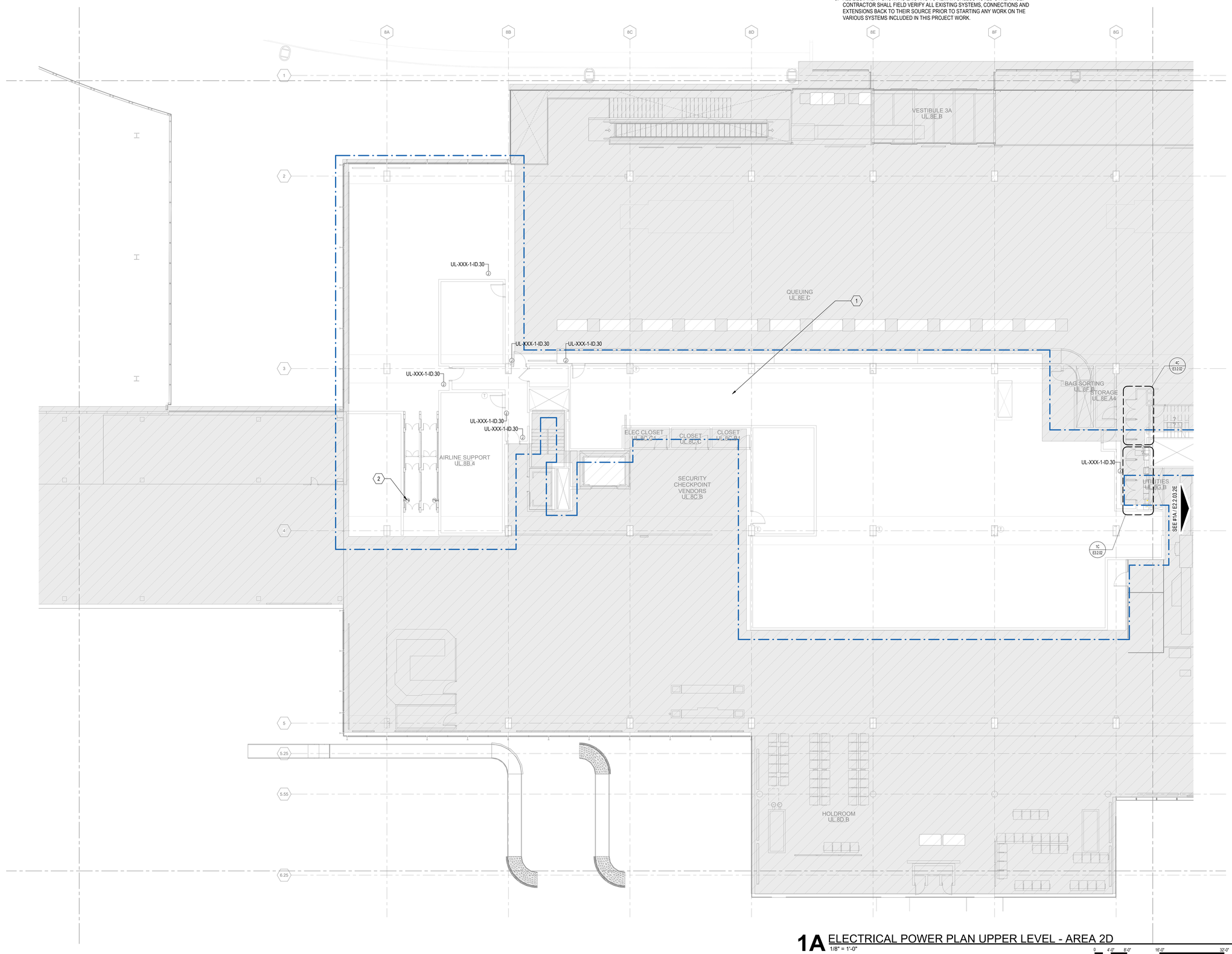
9. CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED FOR THE PHASING OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
10. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.



1A ELECTRICAL POWER PLAN UPPER LEVEL - AREA 2D
1/8" = 1'-0"

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
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STAMPING CONSULTANT
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PACKAGE ISSUE DATE **03/24/2023**
PHASE **DD**
REVISION **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN

ELECTRICAL POWER PLAN UPPER LEVEL - AREA 2D

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SHEET NUMBER **E2.2.03.2D** VOLUME: **3**

3/20/2023 12:17:16 AM

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KEYED NOTES #

1. PROPOSED ELECTRIC 18kW WATER HEATER. CONTRACTOR TO PROVIDE 3#10, 1#10G, 3/4"C BACK TO NEAREST PANEL.
2. PROVIDE A 30A 480V 3PH NON-FUSED DISCONNECT FOR PROPOSED EQUIPMENT.
3. PROVIDE 120VAC TO 24VAC, 50/100VA TRANSFORMER FROM PROPOSED FLUSH VALVES PER MANUFACTURER REQUIREMENTS AND EQUIPMENT INSTALLATION GUIDE. PROVIDE CONDUCTORS BETWEEN FLUSH VALVES PER MANUFACTURER REQUIREMENTS (TYPICAL).
4. PROPOSED RECEPTACLE FOR AUTOMATIC TOWEL DISPENSER (TD) POWER, COORDINATE RECEPTACLE LOCATION WITH TOWEL DISPENSER INSTALLATION GUIDE TOWEL DISPENSER LOCATION WITH ARCH DRAWINGS (TYPICAL).
5. PROVIDE MMS FOR LOCAL DISCONNECT OF EWH (TYPICAL OF BATHROOM EWH'S).
6. POWER REQUIREMENTS FOR EACH SLOAN AER-DEC INCLUDE (1) 20A, GFI OUTLET ON DEDICATED CIRCUIT WITH GROUNDED PLUG AND (1) 15A, GFI OUTLET FOR SOAP AND SENSOR FAUCETS. REFER TO SLOAN AER-DEC INSTALLATION GUIDE FOR FURTHER DETAIL (TYPICAL OF ALL LAV-1 VARIANTS).

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
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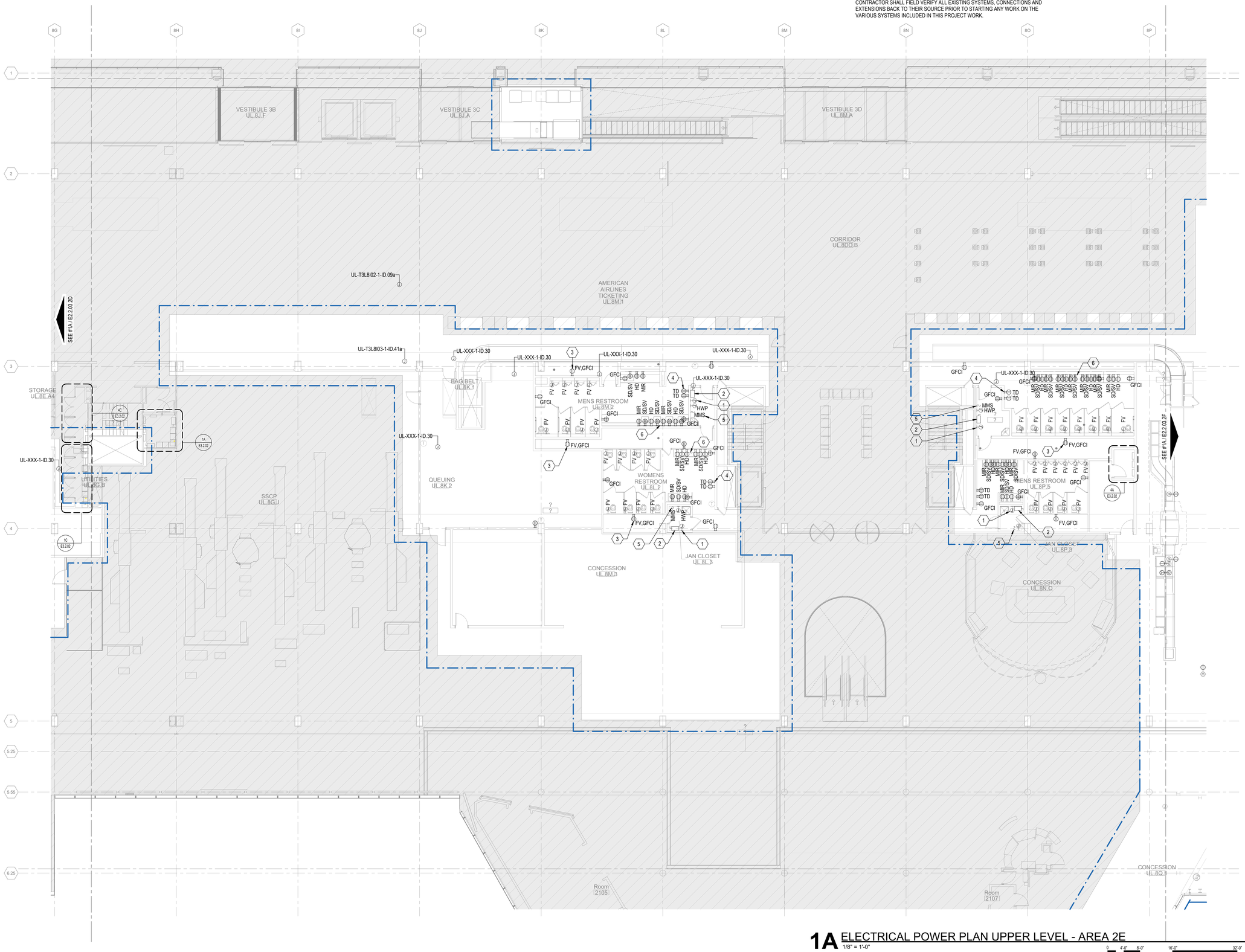

1A ELECTRICAL POWER PLAN UPPER LEVEL - AREA 2E
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

3/20/2023 8:08:32 AM

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CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

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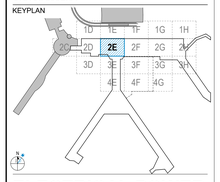
KEYPLAN



ELECTRICAL POWER PLAN UPPER LEVEL - AREA 2E

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.2.03.2E

KEYED NOTES

1. NEW PANELS TO SERVE (2) NEW CONCESSIONS WITH KITCHENS.
2. PROVIDE SPECIALTY TWIST LOCK RECEPTACLE FOR CT SCANNER. CONTRACTOR TO COORDINATE NEMA RECEPTACLE TYPE WITH MANUFACTUER. CT SCANNER SPECIALTY RECEPTACLE TO BE POWERED BY 30A CIRCUIT BREAKER (TYPICAL).
3. PROPOSED 75kVA 480-120/208V TRANSFORMER FOR PROPOSED TSA AREA. CONTRACTOR TO COORDINATE EXACT LOCATION IN FIELD.
4. PROPOSED 45kVA 480-120/208V TRANSFORMER FOR PROPOSED TSA AREA. CONTRACTOR TO COORDINATE EXACT LOCATION IN FIELD.
5. PROPOSED 225A, 480V POWER PANEL FOR SSCP AREA. CONTRACTOR TO COORDINATE EXACT LOCATION OF PROPOSED PANEL IN FIELD.
6. PROPOSED 125A, 120/208V POWER PANEL FOR SSCP AREA. CONTRACTOR TO COORDINATE EXACT LOCATION OF PROPOSED PANEL IN FIELD.
7. CONTRACTOR TO PROVIDE 6 NEW SSCP LANES AND AIRLINE SUPPORT ROOM WITHIN THIS AREA.
8. CONTRACTOR TO PROVIDE 4 NEW SSCP LANES AND AIRLINE SUPPORT ROOM WITHIN THIS AREA.
9. CONTRACTOR TO ROUTE TSA SSCP SECURITY SCREENING EQUIPMENT BACK TO PROPOSED ELECTRICAL ROOM PANELS.
10. PROVIDE 3#10 AND 1#10G IN 1" EMT CONDUIT FOR PROPOSED SSCP POWER POLE. REFER TO TSA STANDARDS FOR ADDITIONAL DEVICE DETAILS. CONTRACTOR TO COORDINATE EXACT DEVICE LOCATIONS WITH TSA IN THE FIELD.
11. PROVIDE POWER AT FLOOR WIREMOLD MULTIPLEX MP8 OR EQUAL WITH NEMA L5-15R TWIST-LOCK RECEPTACLE FOR WALK THROUGH METAL DETECTOR, TWO BLANK COVERPLATES, AND DATA DEVICE PLATE. PROVIDE CONDUIT WITH PULL STRING BACK TO ELECTRICAL PANEL LOCATION FOR FUTURE QUEUING CONVEYOR CIRCUIT AND FUTURE SPARE RECEPTACLE OUTLET.
12. FLOOR DEVICE AT TDC/CAT IS TO BE WIREMOLD 6AT EVOLUTION POKE-THRU OR ENGINEER APPROVED EQUAL.
13. PROVIDE POWER AT FLOOR WIREMOLD MULTIPLEX MP8 OR EQUAL WITH QUAD RECEPTACLE, DUPLEX RECEPTACLE, DATA DEVICE PLATE AND BLANK COVERPLATE. PROVIDE 1" CONDUIT WITH PULL STRING BACK TO ELECTRICAL PANEL LOCATION FOR FUTURE CT SCANNER. EACH RECEPTACLE SHALL BE WIRED TO SEPERATE CIRCUIT. ONE RECEPTACLE IN QUAD SHALL NOT BE WIRED AT THIS TIME. PROVIDE CONDUIT WITH PULL STRING BACK TO ELECTRICAL PANEL LOCATION FOR FUTURE SPARE RECEPTACLE CIRCUIT.
14. CONTRACTOR SHALL PROVIDE POWER FOR TSA SSCP, THIS IS TO INCLUDE (1) 225A, 480V, 3PH, 4W PANELBOARD. (1) 150kVA, 480V-208/120V TRANSFORMER, (1) 400A, 208/120V, 3PH, 4W PANELBOARD, AND (1) 200A, 208/120V, 3PH, 4W PANELBOARD. CONTRACTOR SHALL ROUTE 4#4/0, 1#4G, 2"C BACK TO NEAREST PDP.
15. RELOCATED ELECTRICAL CLOSET. CONTRACTOR IS TO RE-ROUTE EXISTING EQUIPMENT TO PROPOSED LOCATION
16. 2" CONDUIT STUBBED FROM CONCESSION METERBANK TO UPPER LEVEL FOR PROPOSED CONCESSION SPACE.
17. PROPOSED RELOCATED ELECTRICAL ROOM, REFER TO ELECTRICAL DEMO PLANS AND SINGLE-LINES FOR ADDITIONAL INFORMATION. CONTRACTOR TO RECONFIGURE EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS AS REQUIRED FOR EQUIPEMENT THAT IS INTENDED TO REMAIN, EXISTING CONDUIT MAY REMAIN FOR REUSE TO EXTENT POSSIBLE.
18. PROVIDE 120VAC TO 24VAC, 50/100VA TRANSFORMER FROM PROPOSED FLUSH VALVES PER MANUFACTURER REQUIREMENTS AND EQUIPMENT INSTALLATION GUIDE. PROVIDE CONDUCTORS BETWEEN FLUSH VALVES PER MANUFACTURER REQUIREMENTS (TYPICAL).
19. PROPOSED RECEPTACLE FOR AUTOMATIC TOWEL DISPENSER (TD) POWER, COORDINATE RECEPTACLE LOCATION WITH TOWEL DISPENSER INSTALLATION GUIDE TOWEL DISPENSER LOCATION WITH ARCH DRAWINGS (TYPICAL).
20. POWER REQUIREMENTS FOR EACH SLOAN AER-DEC INCLUDE (1) 20A, GFI OUTLET ON DEDICATED CIRCUIT WITH GROUNDED PLUG AND (1) 15A, GFI OUTLET FOR SOAP AND SENSOR FAUCETS. REFER TO SLOAN AER-DEC INSTALLATION GUIDE FOR FURTHER DETAIL (TYPICAL OF ALL LAV-1 VARIANTS).

GENERAL NOTES

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2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
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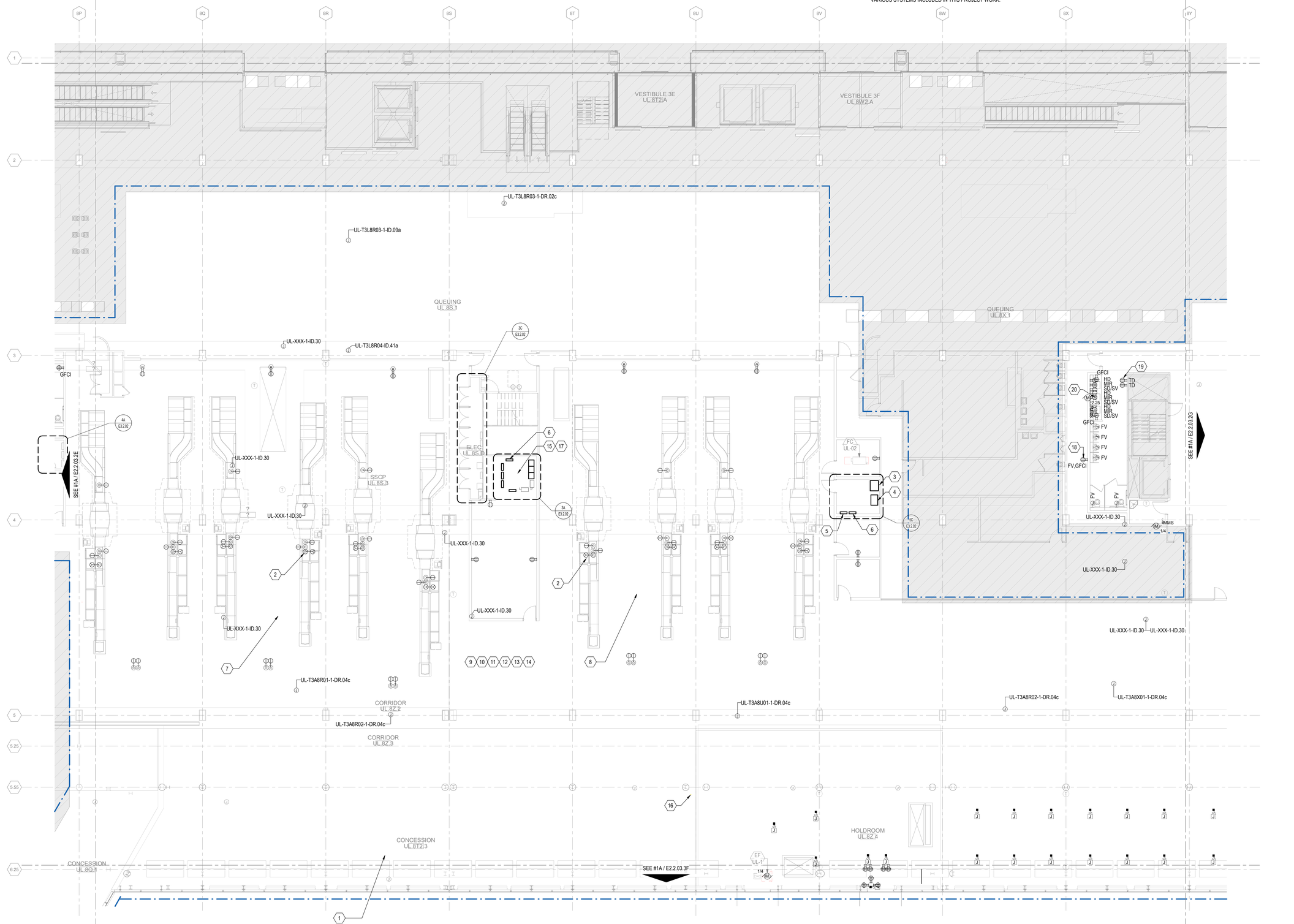

1A ELECTRICAL POWER PLAN UPPER LEVEL - AREA 2F
1/8" = 1'-0"

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KEYPLAN

ELECTRICAL POWER PLAN UPPER LEVEL - AREA 2F

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CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
E2.2.03.2F

3/22/2023 3:06:26 PM

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KEYED NOTES #

1. CONTRACTOR SHALL PROVIDE CONVENIENCE RECEPTACLES AND POWER FOR ELECTRIFIED FURNITURE WITHIN PROPOSED HOLDROOM AREA. CONTRACTOR SHALL ROUTE ALL BRANCH CIRCUITS BACK TO NEAREST ELECTRICAL ROOM/PANEL.
2. EXISTING ELECTRICAL ROOM TO REMAIN. CONTRACTOR TO RECONFIGURE BRANCH CIRCUIT WIRING AS REQUIRED TO FEED PROPOSED ELECTRICAL EQUIPMENT. RE-FEED EXISTING PANELS AS REQUIRED PER SHAFT RELOCATION NOTED ON THE LOWER LEVEL.
3. PROPOSED POKE-THRU CONNECTIONS FOR ELECTRIFICATION OF FFE, LOCATION TO BE CONSIDERED A PLACE HOLDER TILL FINAL FFE SELECTION AND LAYOUT IS DETERMINED BY THE CDA AND COORDINATED WITH THE AOR/CMR. EXACT POKE-THRU TYPE WILL NEED TO BE COORDINATED WITH FURNITURE SELECTION. INPOWER FLEX 3 MODULE TO BE USED PER EVERY PAIR OF SEATS (TYPICAL).
4. PROPOSED POKE-THROUGH QUAD RECEPTACLE TO BE USED TO POWER A MAXIMUM OF 4 INPOWER FLEX 3 MODULES. EACH QUAD RECEPTACLE TO BE POWERED BY 20A CIRCUIT BREAKER.
5. PROPOSED ELECTRIC 18kW WATER HEATER. CONTRACTOR TO PROVIDE 3#10, 1#10G, 3/4"C BACK TO NEAREST PANEL.
6. PROVIDE A 30A 480V 3PH NON-FUSED DISCONNECT FOR PROPOSED EQUIPMENT.
7. PROPOSED 225A, 120/208V POWER PANEL. CONTRACTOR TO COORDINATE EXACT LOCATION OF PROPOSED PANEL IN FIELD.
8. PROPOSED 100A, 120/208V POWER PANEL. CONTRACTOR TO COORDINATE EXACT LOCATION OF PROPOSED PANEL IN FIELD.
9. PROPOSED 75kVA 480-120/208V TRANSFORMER TO BE MOUNTED ABOVE EXISTING TRANSFORMER IN THIS LOCATION. CONTRACTOR TO VERIFY THAT LOCATION OF PROPOSED TRANSFORMER IS COMPLIENT WITH 4 FOOT CLEARANCE.
10. 1 1/4" CONDUIT STUBBED FROM CITY-PDP-8KK-T1 TO UPPER LEVEL PDP8KKT1-XFMR-01 LOCATED IN ARGO TEA ELECTRICAL CLOSET. TERMINATE CONDUIT BELOW SLAB FOR FINAL STUB INTO ELECTRICAL CLOSET, BY CONTRACTOR.
11. POWER REQUIREMENTS FOR EACH SLOAN AER-DEC INCLUDE (1) 20A, GFI OUTLET ON DEDICATED CIRCUIT WITH GROUNDED PLUG AND (1) 15A, GFI OUTLET FOR SOAP AND SENSOR FAUCETS. REFER TO SLOAN AER-DEC INSTALLATION GUIDE FOR FURTHER DETAIL (TYPICAL OF ALL LAV-1 VARIANTS).
12. PROVIDE 120VAC TO 24VAC, 50/100VA TRANSFORMER FROM PROPOSED FLUSH VALVES PER MANUFACTURER REQUIREMENTS AND EQUIPMENT INSTALLATION GUIDE. PROVIDE CONDUCTORS BETWEEN FLUSH VALVES PER MANUFACTURER REQUIREMENTS (TYPICAL).
13. PROPOSED RECEPTACLE FOR AUTOMATIC TOWEL DISPENSER (TD) POWER, COORDINATE RECEPTACLE LOCATION WITH TOWEL DISPENSER INSTALLATION GUIDE TOWEL DISPENSER LOCATION WITH ARCH DRAWINGS (TYPICAL).
14. PROVIDE MMS FOR LOCAL DISCONNECT OF EWH (TYPICAL OF BATHROOM EWH'S).
15. 2" CONDUIT STUBBED FROM CONCESSION METERBANK TO UPPER LEVEL FOR PROPOSED CONCESSION SPACE.
16. 2" CONDUIT STUBBED FROM BASEMENT/TUNNEL METERBANK OUTSIDE TENANT SWITCHGEAR TS-8KK TO UPPER LEVEL PROPOSED USO TENANT OFFICE SPACE.
17. PROPOSED AIRLINE TICKET COUNTER AND ASSOCIATED FLIGHT DISPLAY PODIUM. CONTRACTOR TO PROVIDE RECEPTACLES, CONDUIT, AND CONDUCTORS FROM EQUIPMENT BACK TO NEAREST ELECTRICAL CLOSET. (TYPICAL)

GENERAL NOTES

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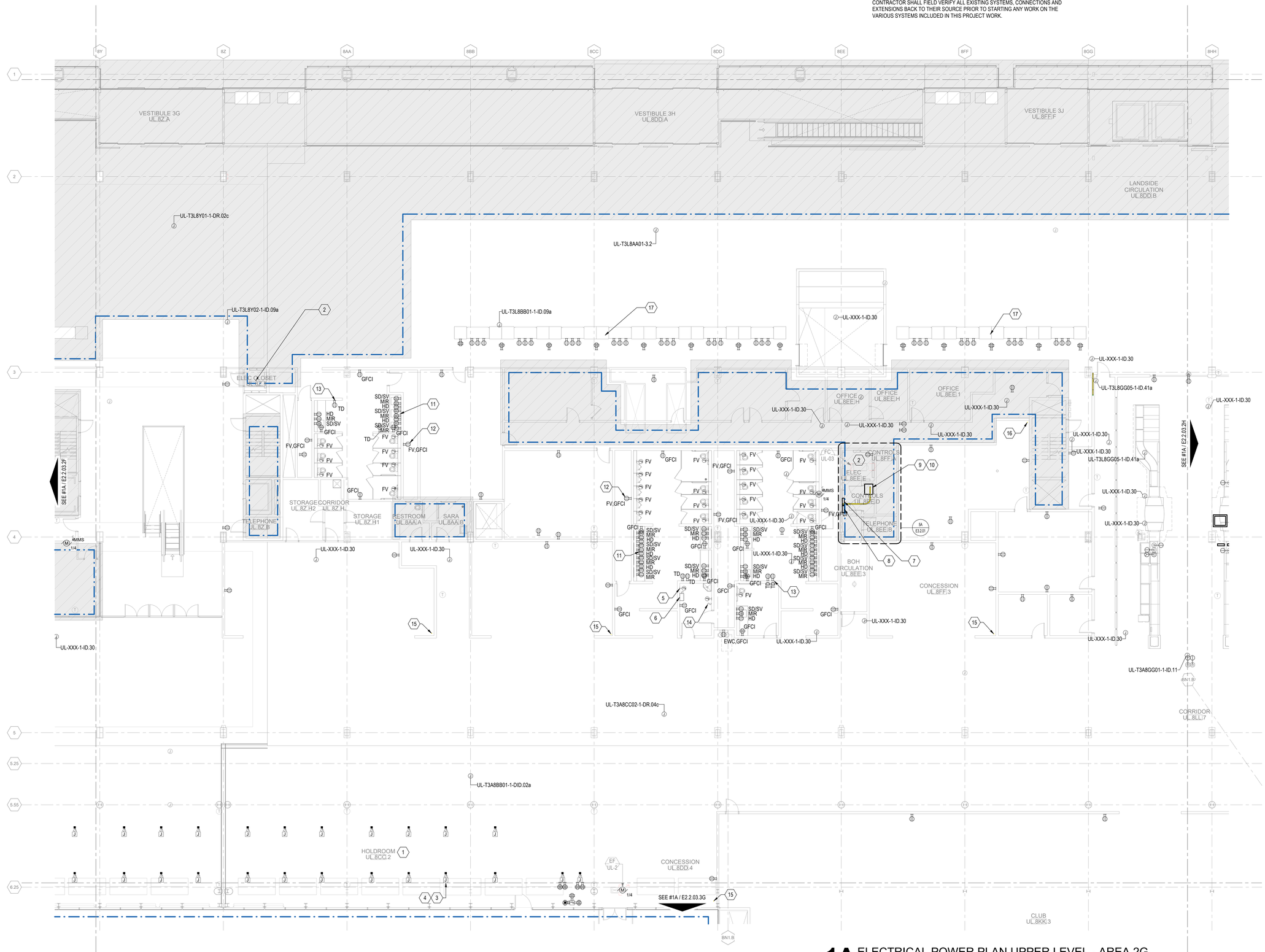
10. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.



1A ELECTRICAL POWER PLAN UPPER LEVEL - AREA 2G
1/8" = 1'-0"

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
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10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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NOTES

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ISSUANCE: **60% DESIGN**
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PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN

ELECTRICAL POWER PLAN UPPER LEVEL - AREA 2G

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER: **E2.2.03.2G**
VOLUME: **3**

3/22/2023 3:06:55 PM

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KEYED NOTES #

1. EXISTING ELECTRICAL ROOM TO REMAIN. CONTRACTOR TO RECONFIGURE BRANCH CIRCUIT WIRING AS REQUIRED TO FEED PROPOSED ELECTRICAL EQUIPMENT. RE-FEED EXISTING PANELS AS REQUIRED PER SHAFT RELOCATION NOTED ON THE LOWER LEVEL.
2. PROVIDE NEW BRANCH CIRCUIT WIRING. CONTRACTOR MAY ELECT TO ROUTE THE CONDUCTORS UTILIZING THE EXISTING WALKER DUCT SYSTEM TO EXTENT POSSIBLE.
3. PROVIDE SPECIALTY TWIST LOCK RECEPTACLE FOR CT SCANNER. CONTRACTOR TO COORDINATE NEMA RECEPTACLE TYPE WITH MANUFACTURER. CT SCANNER SPECIALTY RECEPTACLE TO BE POWERED BY 30A CIRCUIT BREAKER (TYPICAL).
4. CONTRACTOR TO ROUTE TSA SSCP SECURITY SCREENING EQUIPMENT BACK TO PROPOSED ELECTRICAL ROOM PANELS.
5. CONTRACTOR SHALL PROVIDE POWER FOR TSA SSCP, THIS IS TO INCLUDE (1) 225A, 480V, 3PH, 4W PANELBOARD. (1) 150kVA, 480V-208/120V TRANSFORMER, (1) 400A, 208/120V, 3PH, 4W PANELBOARD, AND (1) 200A, 208/120V, 3PH, 4W PANELBOARD. CONTRACTOR SHALL ROUTE 4#4/0, 1#4G, 2"C BACK TO NEAREST PDP.
6. PROVIDE POWER AT FLOOR WIREMOLD MULTIPLEX MP8 OR EQUAL WITH NEMA L5-15R TWIST-LOCK RECEPTACLE FOR WALK THROUGH METAL DETECTOR, TWO BLANK COVERPLATES, AND DATA DEVICE PLATE. PROVIDE CONDUIT WITH PULL STRING BACK TO ELECTRICAL PANEL LOCATION FOR FUTURE QUEUING CONVEYOR CIRCUIT AND FUTURE SPARE RECEPTACLE OUTLET.
7. FLOOR DEVICE AT TDC/CAT IS TO BE WIREMOLD 6AT EVOLUTION POKE-THRU OR ENGINEER APPROVED EQUAL.
8. PROVIDE POWER AT FLOOR WIREMOLD MULTIPLEX MP8 OR EQUAL WITH QUAD RECEPTACLE, DUPLEX RECEPTACLE, DATA DEVICE PLATE AND BLANK COVERPLATE. PROVIDE 1" CONDUIT WITH PULL STRING BACK TO ELECTRICAL PANEL LOCATION FOR FUTURE CT SCANNER. EACH RECEPTACLE SHALL BE WIRED TO SEPERATE CIRCUIT. ONE RECEPTACLE IN QUAD SHALL NOT BE WIRED AT THIS TIME. PROVIDE CONDUIT WITH PULL STRING BACK TO ELECTRICAL PANEL LOCATION FOR FUTURE SPARE RECEPTACLE CIRCUIT.
9. PROVIDE 3#10 AND 1#10G IN 1" EMT CONDUIT FOR PROPOSED SSCP POWER POLE. REFER TO TSA STANDARDS FOR ADDITIONAL DEVICE DETAILS. CONTRACTOR TO COORDINATE EXACT DEVICE LOCATIONS WITH TSA IN THE FIELD.
10. CONTRACTOR TO REFEED RE-LOCATED SSCP LANE EQUIPMENT BACK TO SOURCE.
11. 2" CONDUIT STUBBED FROM CONCESSION METERBANK TO UPPER LEVEL FOR PROPOSED CONCESSION SPACE.
12. PROVIDE 200A, 480V FUSED DISCONNECT FOR PROPOSED ELEVATOR. FINAL LOCATION OF ELEVATOR DISCONNECT IS TO BE COORDINATED WITH ELEVATOR MANUFACTURER IN THE FIELD.
13. PROPOSED POKE-THRU CONNECTIONS FOR ELECTRIFICATION OF CHECK IN KIOSK'S. PROVIDE 3 #10, 1 #10G IN 3/4" C FROM NEAREST ELECTRICAL CLOSET. LOCATION TO BE CONSIDERED A PLACE HOLDER UNTIL FINAL KIOSK SELECTION AND LAYOUT IS DETERMINED BY THE CDA AND COORDINATED WITH THE AOR/CMR. EXACT POKE-THRU TYPE WILL NEED TO BE COORDINATED WITH THE KIOSK TYPES. (TYPICAL)

GENERAL NOTES

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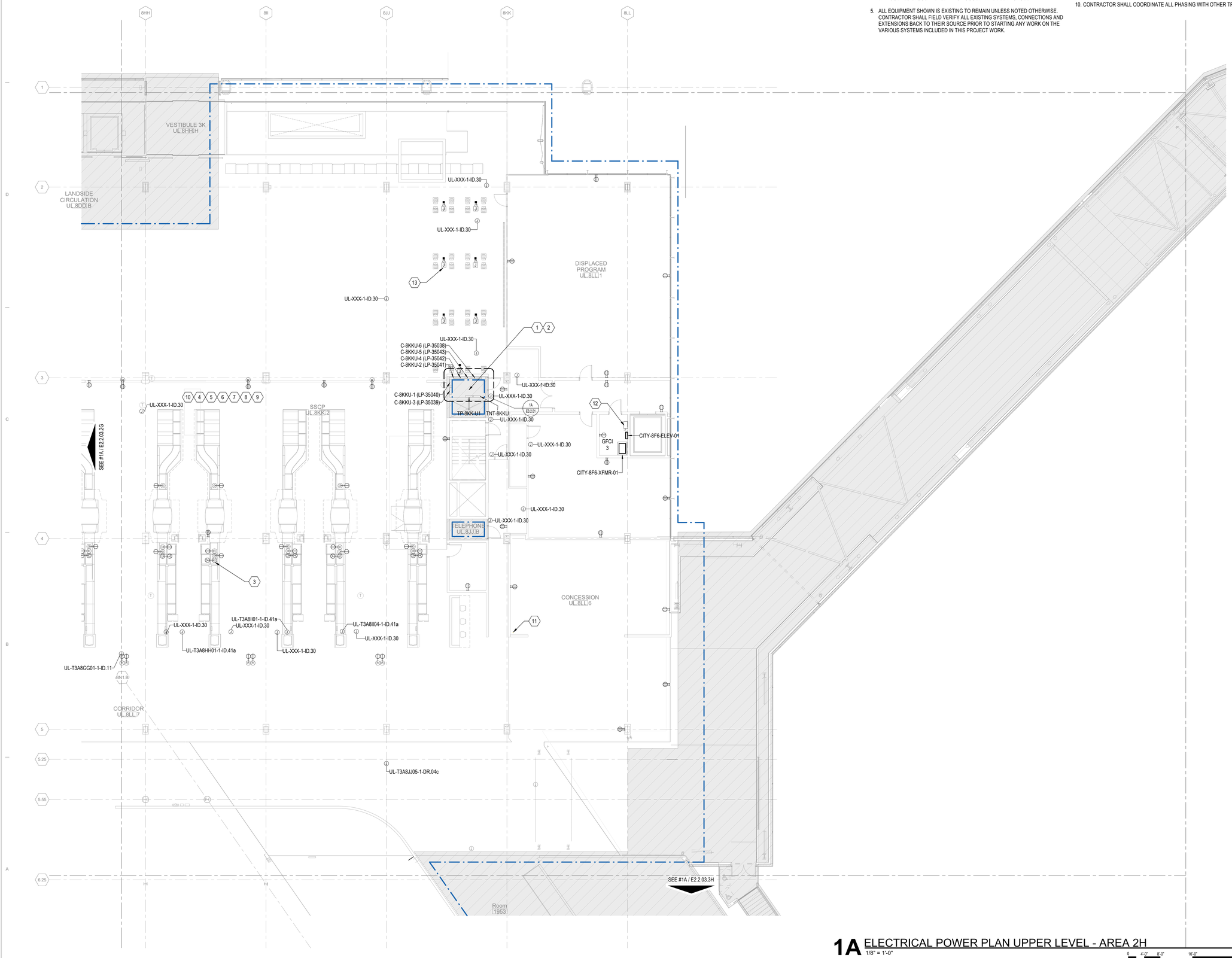

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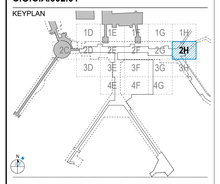

ELECTRICAL POWER PLAN UPPER LEVEL - AREA 2H

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KEYED NOTES #

1 NEW PANELS TO SERVE (2) NEW CONCESSIONS WITH KITCHENS.

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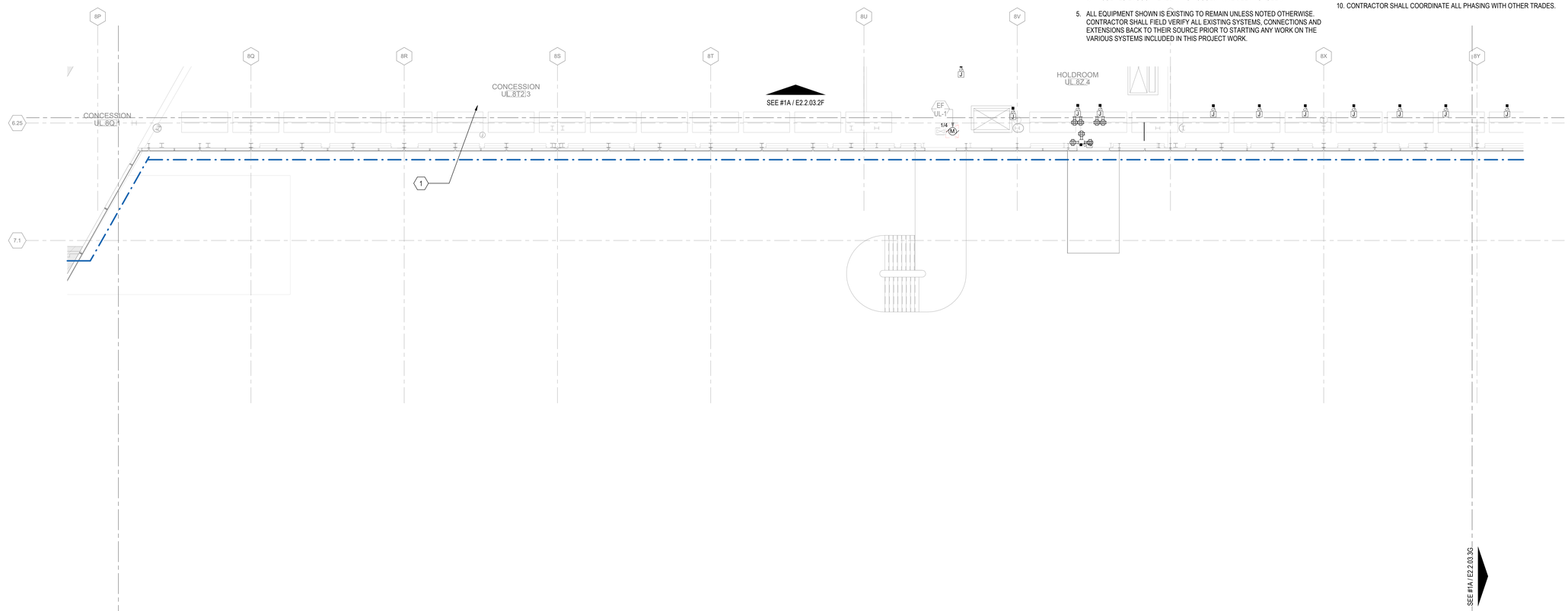

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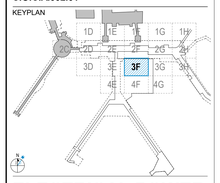

ELECTRICAL POWER PLAN UPPER LEVEL - AREA 3F

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VOLUME: **3**

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KEYED NOTES #

1 CONTRACTOR SHALL PROVIDE CONVENIENCE RECEPTACLES AND POWER FOR ELECTRIFIED FURNITURE WITHIN PROPOSED HOLDROOM AREA. CONTRACTOR SHALL ROUTE ALL BRANCH CIRCUITS BACK TO NEAREST ELECTRICAL ROOM/PANEL.

2 PROPOSED POKE-THRU CONNECTIONS FOR ELECTRIFICATION OF FFE, LOCATION TO BE CONSIDERED A PLACE HOLDER TILL FINAL FFE SELECTION AND LAYOUT IS DETERMINED BY THE CDA AND COORDINATED WITH THE AOR/CMR. EXACT POKE-THRU TYPE WILL NEED TO BE COORDINATED WITH FURNITURE SELECTION. INPOWER FLEX 3 MODULE TO BE USED PER EVERY PAIR OF SEATS (TYPICAL).

3 PROPOSED POKE-THROUGH QUAD RECEPTACLE TO BE USED TO POWER A MAXIMUM OF 4 INPOWER FLEX 3 MODULES. EACH QUAD RECEPTACLE TO BE POWERED BY 20A CIRCUIT BREAKER.

4 3" CONDUIT STUBBED FROM SWITCHGEAR TS-8KK TO UPPER LEVEL FOR PROPOSED AIRLINE CLUB SPACE. TERMINATE CONDUIT BELOW SLAB FOR FINAL STUB INTO LOUNGE SPACE, BY CONRACTOR.

5 CONTRACTOR SHALL PROVIDE POWER FOR TENANT BUILD OUT BY OTHERS, THIS IS TO INCLUDE (1) 100A, 480V, 3PH, 4W PANELBOARD, (1) 75kVA-480V-208/120V TRANSFORMER, AND (1) 100A, 208/120V, 3PH, 4W PANELBOARD. CONTRACTOR SHALL ROUTE 4#2, 1#6G, 1 1/2"C BACK TO NEAREST NETWORK CENTER. PROVIDE METER SOCKET AND CONDUCTORS ROUTED BACK TO COMED TRANSFORMER VAULT.

6 2" CONDUIT STUBBED FROM CONCESSION METERBANK TO UPPER LEVEL FOR PROPOSED CONCESSION SPACE.

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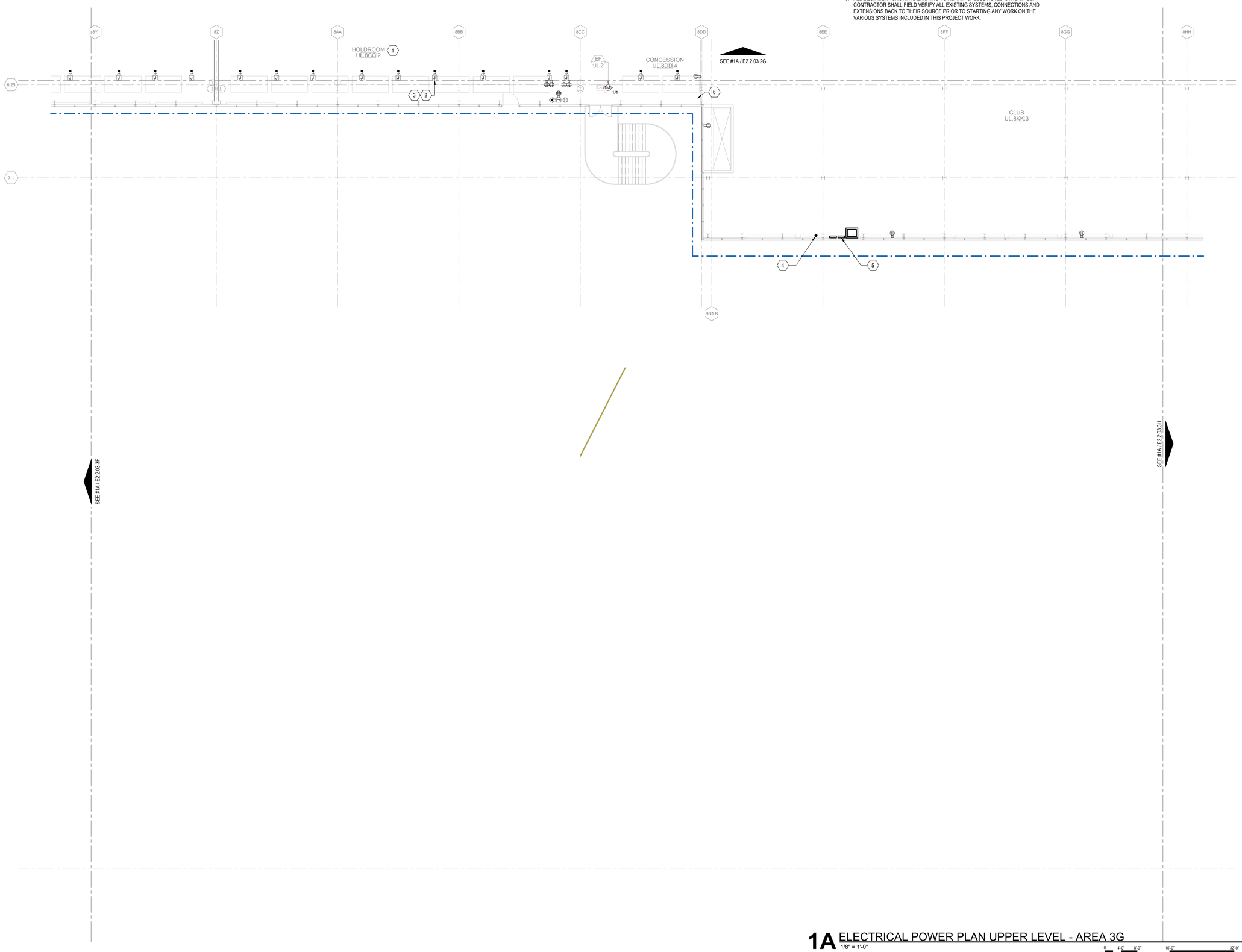

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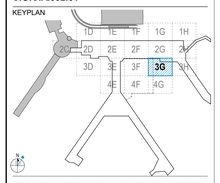

ELECTRICAL POWER PLAN UPPER LEVEL - AREA 3G

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KEYED NOTES #

1 PROPOSED CONNECTION TO PBB POWER, PCA, AND GPU (FEEDER, CONDUIT, CONDUCTORS, SUPPORTS, AND ASSOCIATED APPURTANCES) TO BE REUSED TO THE EXTENT POSSIBLE. REFER TO SINGLE-LINE FOR ADDITIONAL DETAILS ON EXISTING INFRASTRUCTURE THAT MAY REMAIN FOR REUSE. PROVIDE NEW AS NOTED/REQUIRED ON THE SINGLE-LINE DIAGRAMS. CONTRACTOR TO PROVIDE NEW FEEDS TO HVAC UNITS FOR THE NEW FIXED PORTION OF THE BRIDGE.

2 4" CONDUIT STUBBED FROM BASEMENT/TUNNEL TENANT SWITCHGEAR TS-8KK TO UPPER LEVEL PROPOSED TENANT LOUNGE SPACE.

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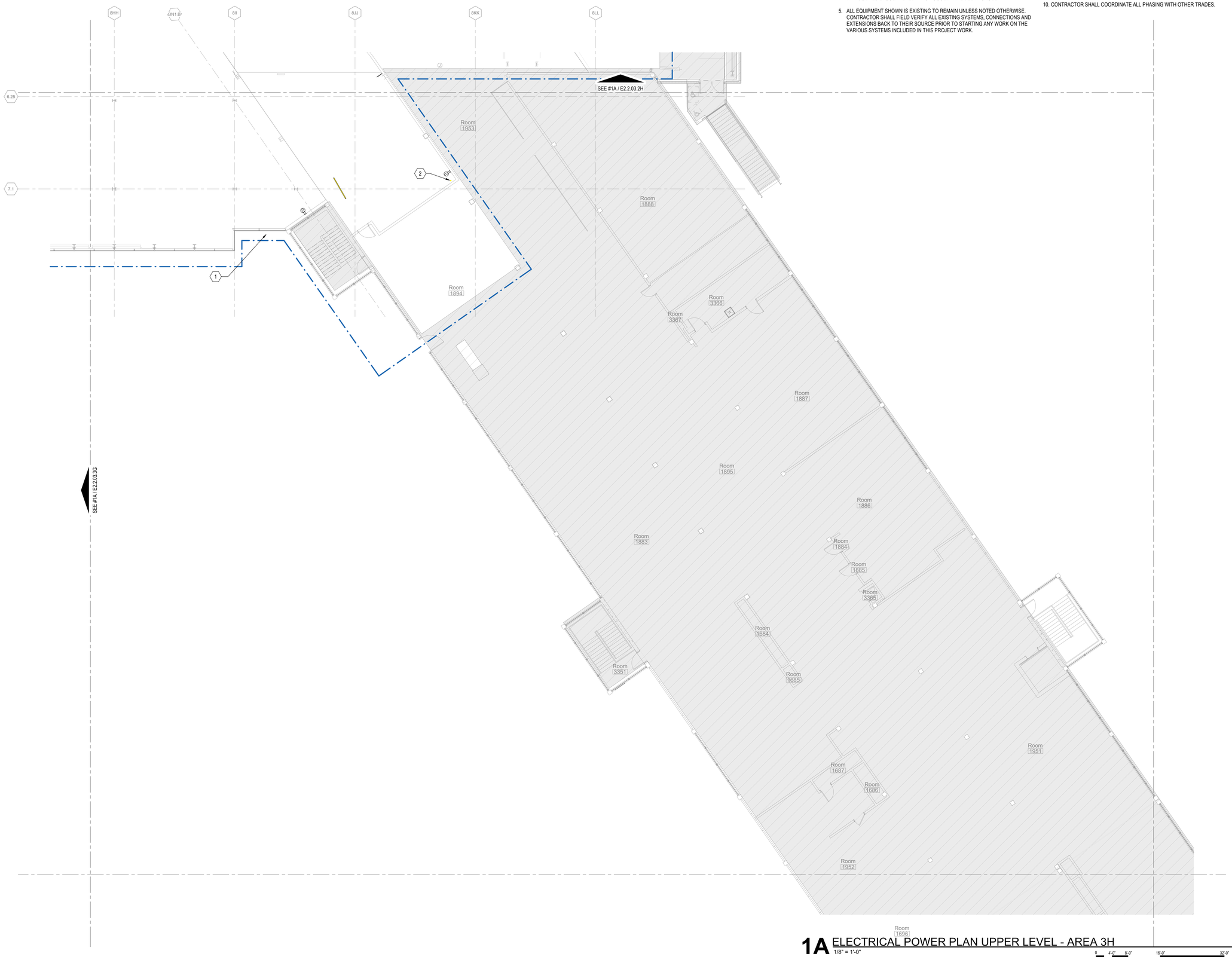

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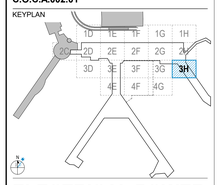

ELECTRICAL POWER PLAN UPPER LEVEL - AREA 3H

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER **E2.2.03.3H** VOLUME: **3**

3/20/2023 12:20:47 AM

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KEYED NOTES #

1 CONTRACTOR TO PROVIDE NEW DISCONNECT AND GENERAL GFCI WEATHER PROOF RECEPTACLE TO EACH PROPOSED RTU. DISCONNECT TO BE MOUNTED TO UNIT (TYPICAL).

GENERAL NOTES

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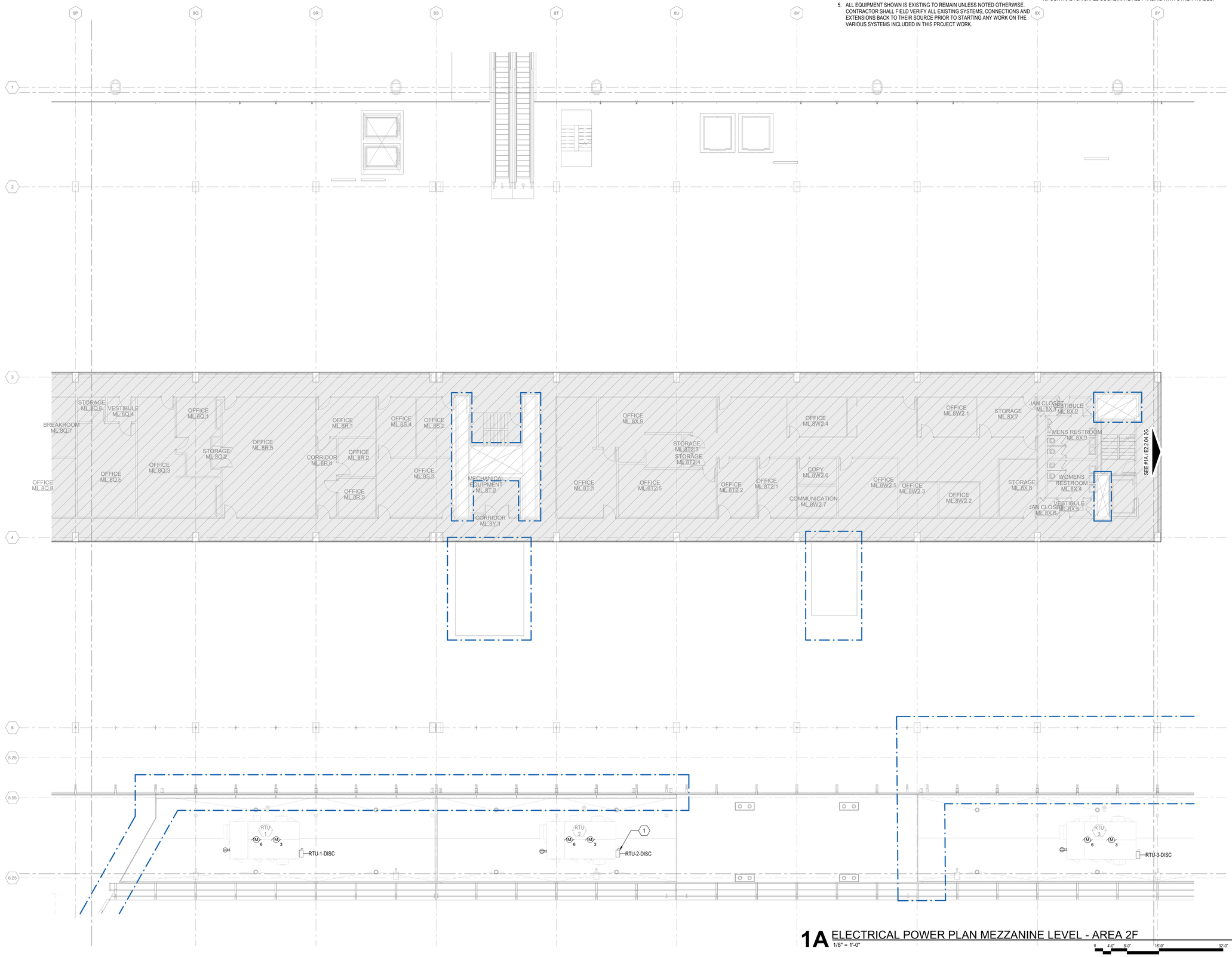

1A ELECTRICAL POWER PLAN MEZZANINE LEVEL - AREA 2F
1/8" = 1'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN

ELECTRICAL POWER PLAN MEZZANINE LEVEL - AREA 2F

DRAWN BY: **FK** CHECKED BY: **JR**
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E2.2.04.2F

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KEYED NOTES #

1. EXISTING ELECTRICAL ROOM TO REMAIN. CONTRACTOR TO RECONFIGURE BRANCH CIRCUIT WIRING AS REQUIRED TO FEED PROPOSED ELECTRICAL EQUIPMENT.
2. CONTRACTOR TO PROVIDE POWER AND NEW MANUAL MOTOR STARTER SWITCH AS A DISCONNECTING MEANS FOR EXHAUST FAN (TYPICAL).
3. CONTRACTOR TO MODIFY EXISTING MCC AND PROVIDE NEW OVERCURRENT PROTECTION DEVICE IN EXISTING MCC BUCKET SPACE. PROVIDE BLANK COVER AS REQUIRED.
4. PROPOSED 480V, 3P, 4W, 225A MCB TENANT PANEL LOCATION, CONTRACTOR TO VERIFY THAT THERE IS SUFFICIENT SPACE IN FIELD.
5. PROPOSED LOCATION OF 120/208V, 3P, 4W, 100A TENANT PANEL. CONTRACTOR TO VERIFY SPACE IN FIELD. PROVIDE NEW FEEDERS, CONDUIT, CONDUCTORS, AND ASSOCIATED APPURTENANCES FROM SOURCE TO PROPOSED PANEL LOCATION. COORDINATE EXACT ROUTING IN FIELD.
6. PROPOSED 75kVA 480-120/208V TRANSFORMER FOR PROPOSED TENANT AREA. CONTRACTOR TO COORDINATE EXACT LOCATION IN FIELD.
7. PROPOSED ELECTRIC 18kW WATER HEATER. CONTRACTOR TO PROVIDE 3#10, 1#10G, 3/4"C BACK TO NEAREST PANEL.
8. PROVIDE A 30A 480V 3PH NON-FUSED DISCONNECT FOR PROPOSED EQUIPMENT.
9. PROVIDE MMS FOR LOCAL DISCONNECT OF EWH (TYPICAL OF BATHROOM EWH'S).
10. POWER REQUIREMENTS FOR EACH SLOAN AER-DEC INCLUDE (1) 20A, GFI OUTLET ON DEDICATED CIRCUIT WITH GROUNDED PLUG AND (1) 15A, GFI OUTLET FOR SOAP AND SENSOR FAUCETS. REFER TO SLOAN AER-DEC INSTALLATION GUIDE FOR FURTHER DETAIL (TYPICAL OF ALL LAV-1 VARIANTS).
11. PROVIDE 120VAC TO 24VAC, 50/100VA TRANSFORMER FROM PROPOSED FLUSH VALVES PER MANUFACTURER REQUIREMENTS AND EQUIPMENT INSTALLATION GUIDE. PROVIDE CONDUCTORS BETWEEN FLUSH VALVES PER MANUFACTURER REQUIREMENTS (TYPICAL).
12. 2" CONDUIT STUBBED FROM CONCESSION METERBANK TO MEZZANINE LEVEL FOR PROPOSED TSA OFFICE SPACE.
13. CONTRACTOR TO PROVIDE NEW DISCONNECT AND GENERAL GFCI WEATHER PROOF RECEPTACLE TO EACH PROPOSED RTU. DISCONNECT TO BE MOUNTED TO UNIT (TYPICAL).

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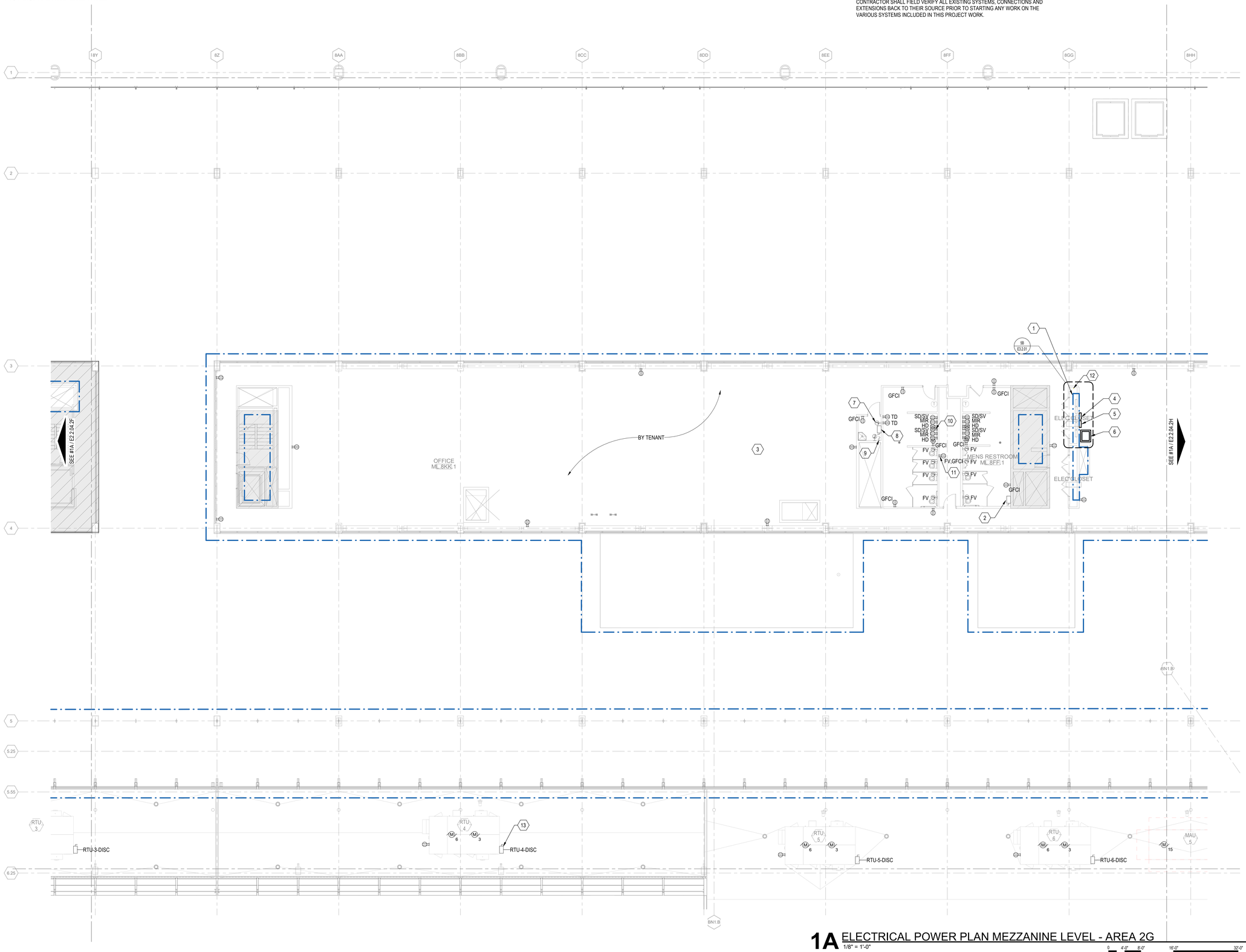

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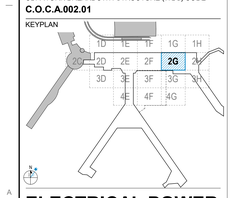

ELECTRICAL POWER PLAN MEZZANINE LEVEL - AREA 2G

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER **E2.2.04.2G** VOLUME: **3**

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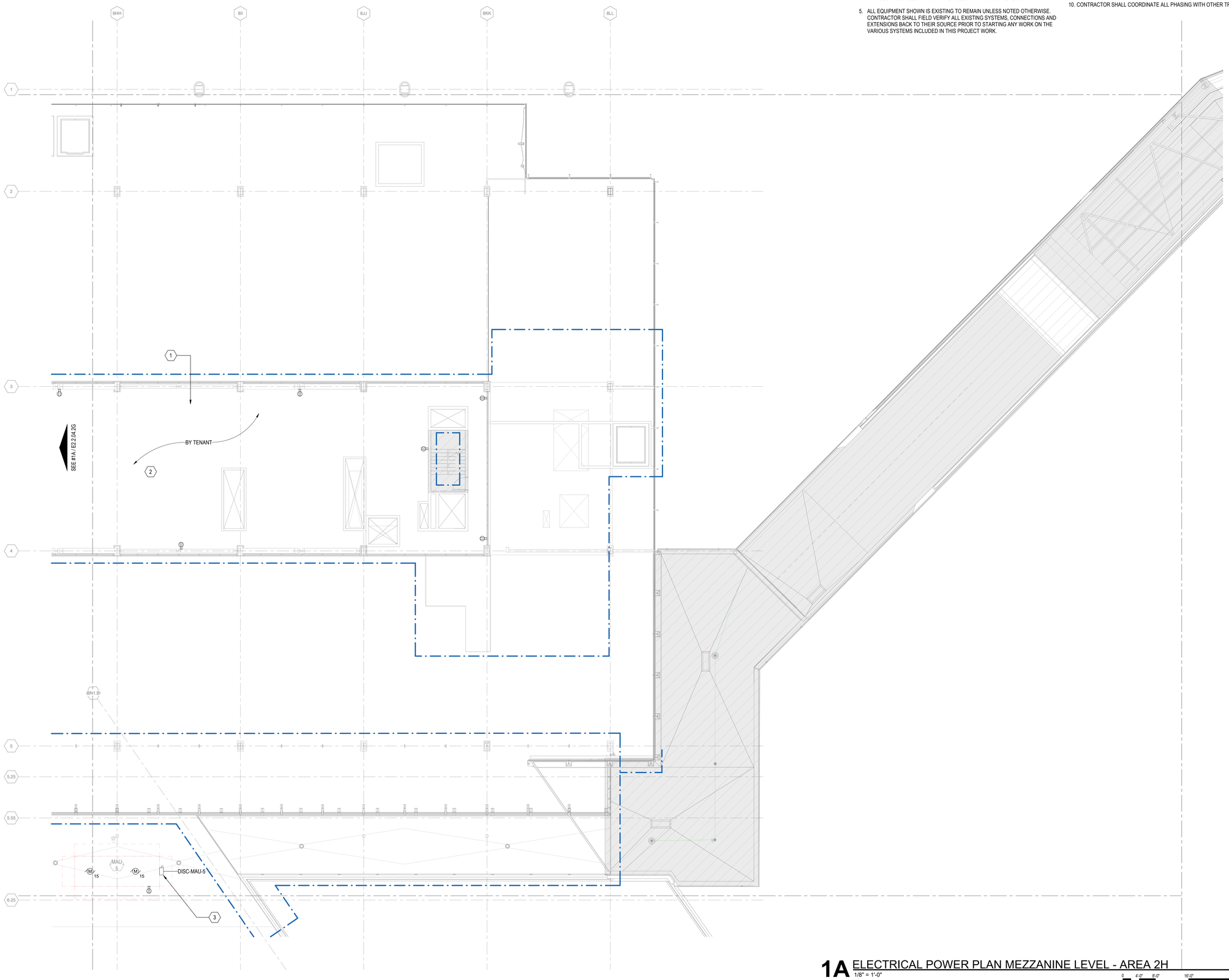

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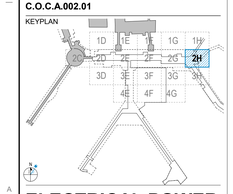

ELECTRICAL POWER PLAN MEZZANINE LEVEL - AREA 2H

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.2.04.2H

3/22/2023 3:08:55 PM

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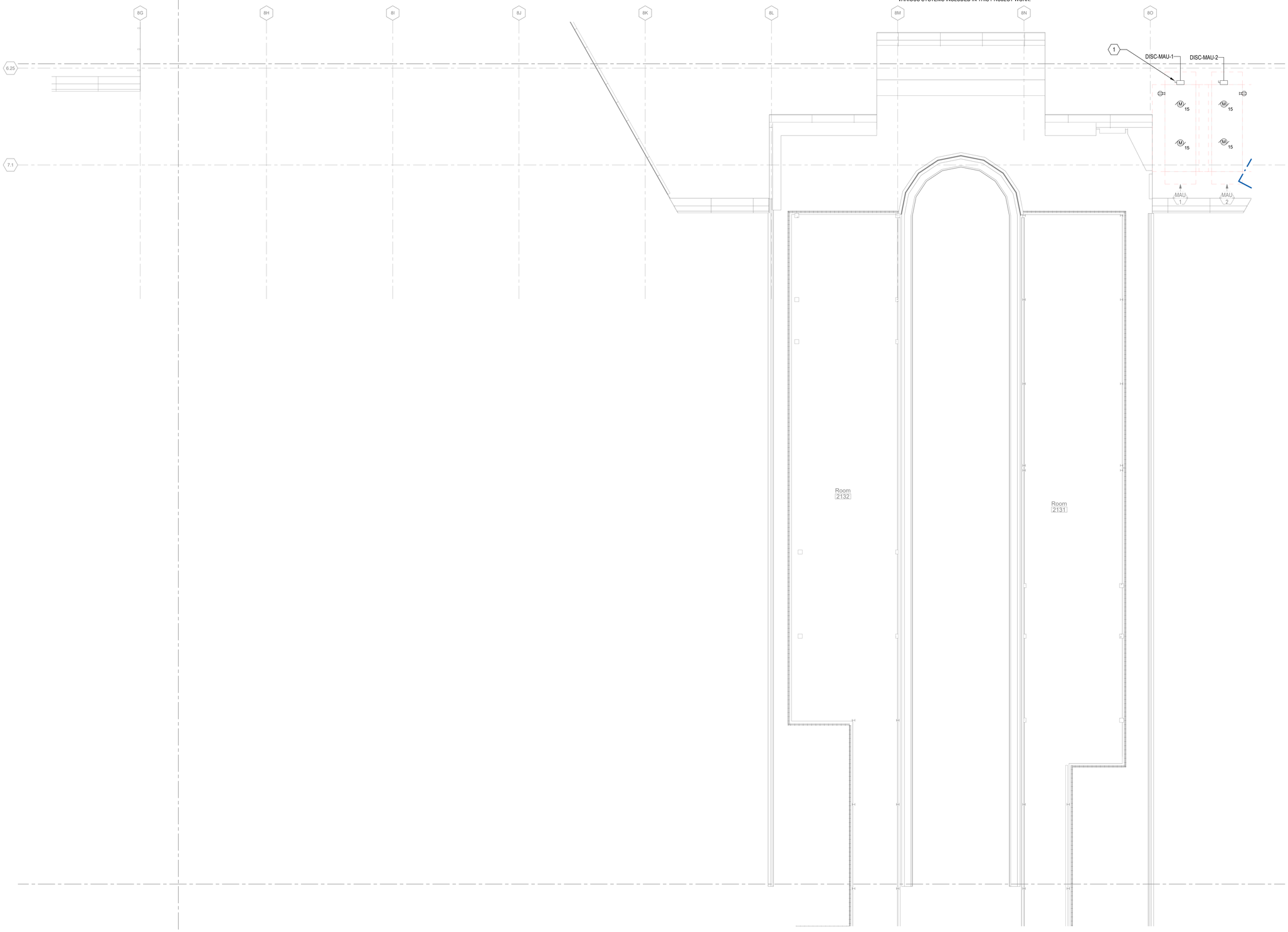

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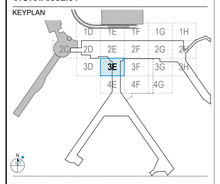

ELECTRICAL POWER PLAN MEZZANINE LEVEL - AREA 3E

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER VOLUME: **3**
E2.2.04.3E

3/20/2023 8:09:35 AM

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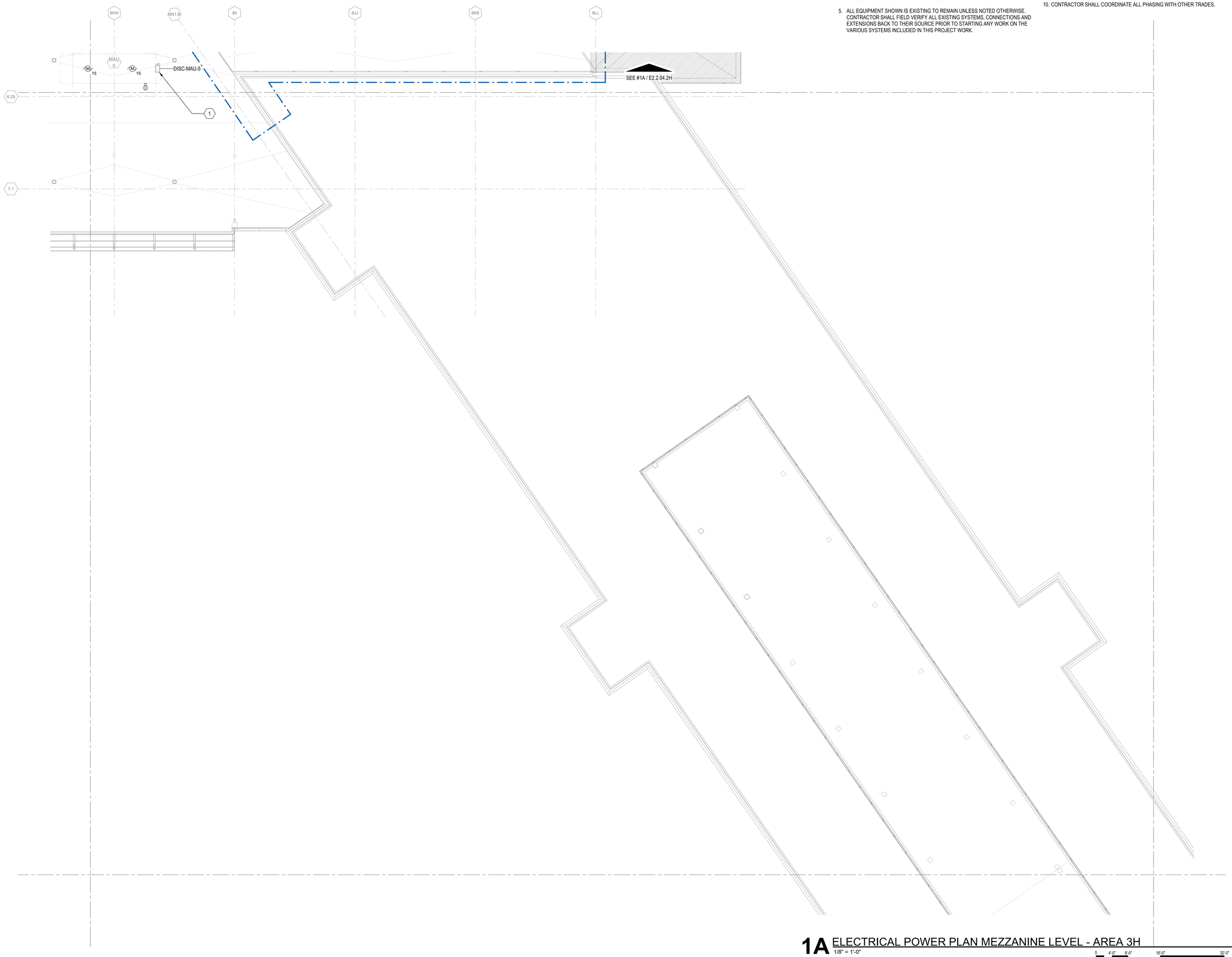

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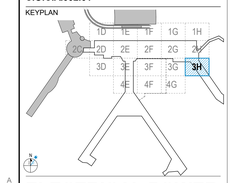

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E2.2.04.3H

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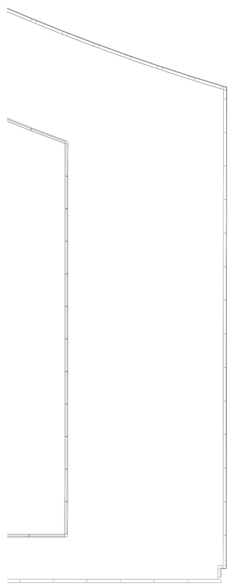

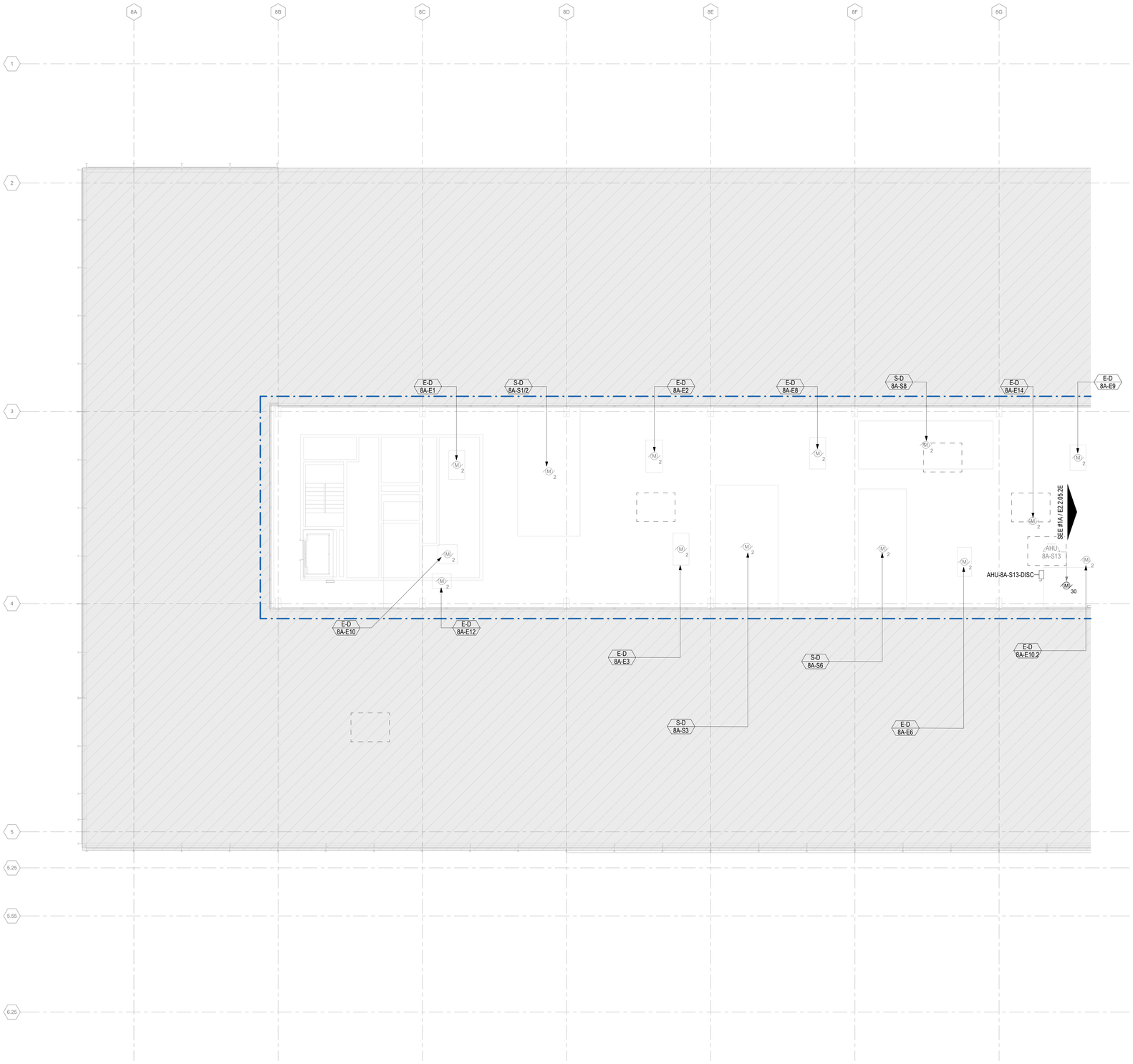

1A ELECTRICAL POWER PLAN - PENTHOUSE - AREA 2D
1/8" = 1'-0"

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
A member company of SH Group, Inc.

MILHOUSE

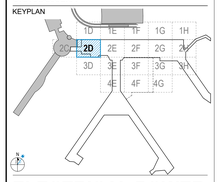
NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN



ELECTRICAL POWER PLAN PENTHOUSE - AREA 2D

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

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3/20/2023 12:24:06 AM

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KEYED NOTES #

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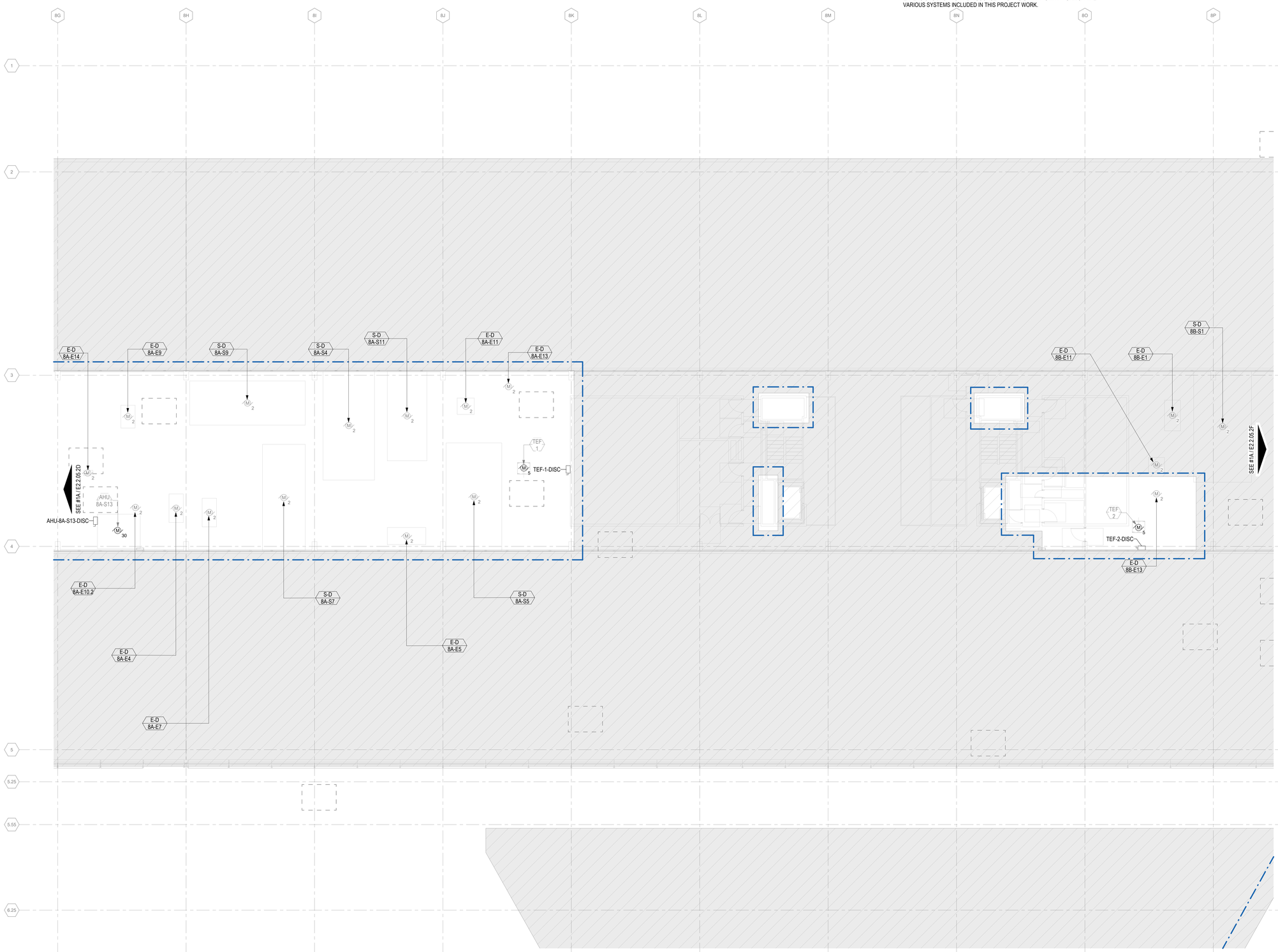

1A ELECTRICAL POWER PLAN - PENTHOUSE - AREA 2E

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
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PRIME CONSULTANT
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STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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MILHOUSE

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REVISION: **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
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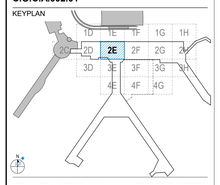

ELECTRICAL POWER PLAN PENTHOUSE - AREA 2E

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CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.2.05.2E

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KEYED NOTES #

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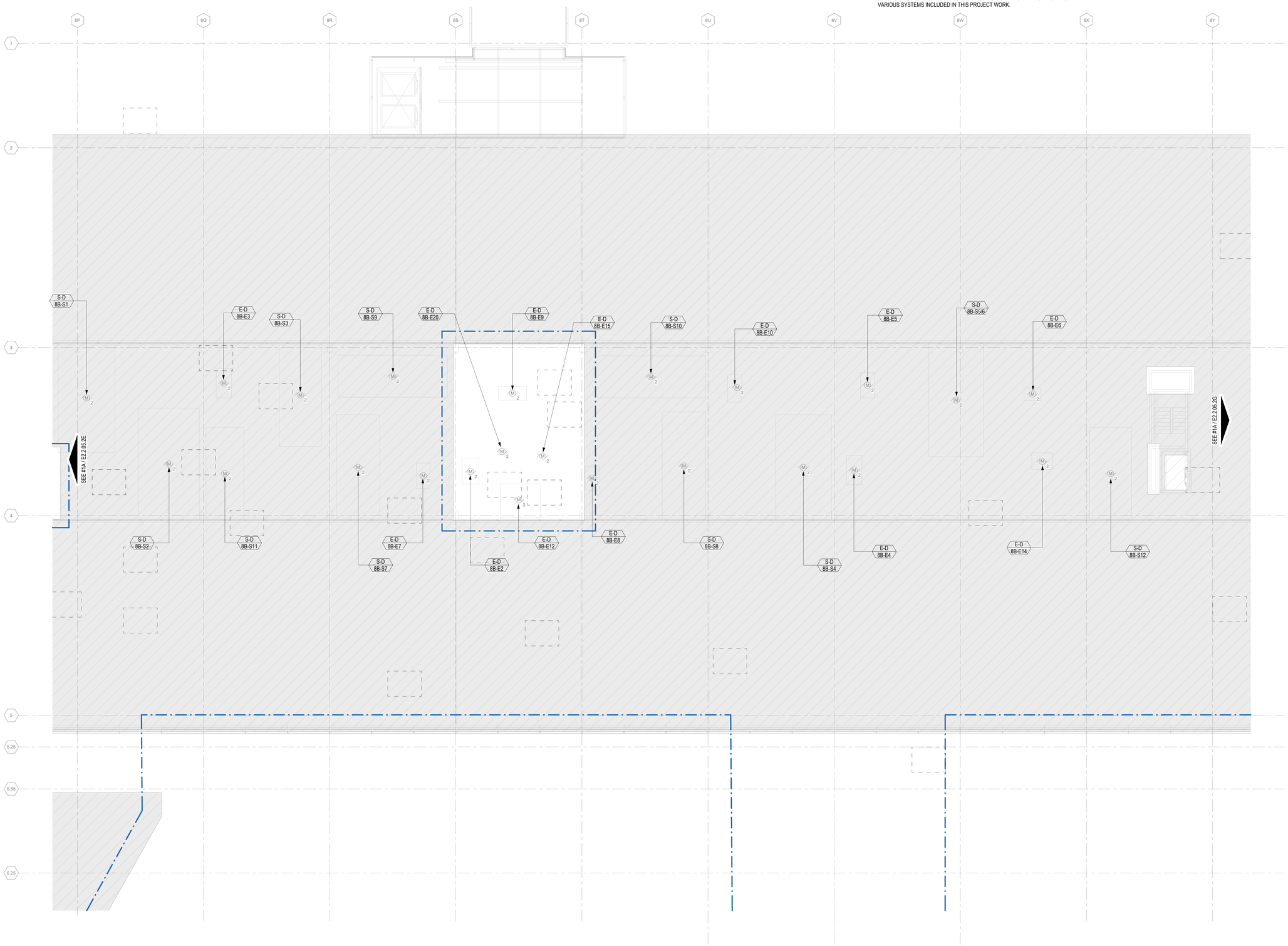

1A ELECTRICAL POWER PLAN - PENTHOUSE - AREA 2F
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

DRAFT - PRE-DECISIONAL

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CDA Chicago Department of Aviation

CITY OF CHICAGO
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MILHOUSE

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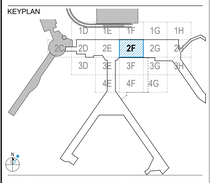
KEYPLAN



ELECTRICAL POWER PLAN PENTHOUSE - AREA 2F

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.2.05.2F

3/20/2023 8:10:27 AM

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KEYED NOTES #

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3 PROPOSED EXHAUST FAN. CONTRACTOR TO PROVIDE POWER TO EXHAUST FAN AT THIS LOCATION UTILIZING NEW CONDUIT AND WIRING THROUGH A MANUAL MOTOR STARTER SWITCH (MMS) FROM DESIGNATED PANEL SHOWN. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON DRAWING E-XXX FOR ADDITIONAL ELECTRICAL REQUIREMENTS. FINAL ROUTING TO BE COORDINATED IN THE FIELD (TYP).

4 PROVIDE VFD FOR NEW FAN AT THIS LOCATION. PROVIDE NEW CONDUIT FROM MCC TO DISCONNECT SWITCH TO THE EXTENT POSSIBLE. PROVIDE NEW VFD TO MOTOR. PROVIDE NEW WIRING FROM MCC TO MOTOR. PROVIDE NEW CIRCUIT BREAKER IN EXISTING MCC BUCKET (TYP). REFER TO ELECTRICAL EQUIPMENT SCHEDULE, SHEET XXX, FOR WIRE AND CONDUIT SIZES. FOR MCC WORK REQUIRED, REFER TO MCC ELECATION DRAWINS, SHEETS XXX THRU XXX.

5 PROVIDE POWER TO NEW PUMP AT THIS LOCATION FROM SOURCE AS SHOWN (TYP). REFER TO ELECTRICAL EQUIPMENT SCHEDULE FOR ELECTRICAL REQUIREMENTS.

6 CONTRACTOR TO PROVIDE NEW DISCONNECT AND GENERAL GFCI WEATHER PROOF RECEPTACLE TO EACH PROPOSED MAKE-UP AIR UNITS. DISCONNECT TO BE MOUNTED TO UNIT (TYPICAL).

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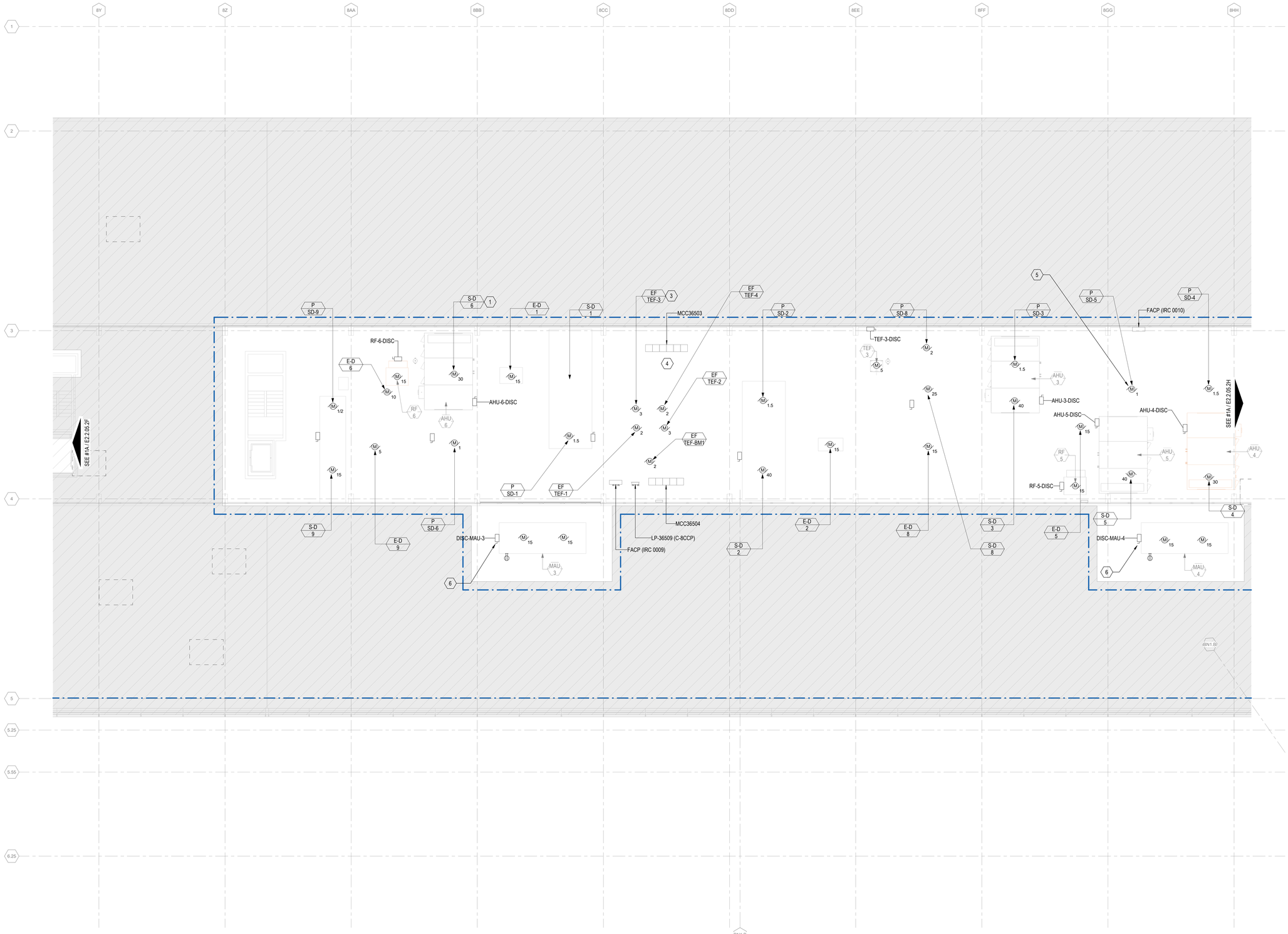

1A ELECTRICAL POWER PLAN - PENTHOUSE - AREA 2G
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

3/20/2023 12:25:19 AM

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CITY OF CHICAGO
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MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
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MILHOUSE

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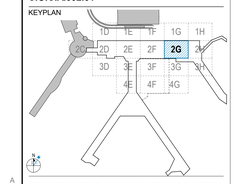
KEYPLAN



ELECTRICAL POWER PLAN PENTHOUSE - AREA 2G

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E2.2.05.2G

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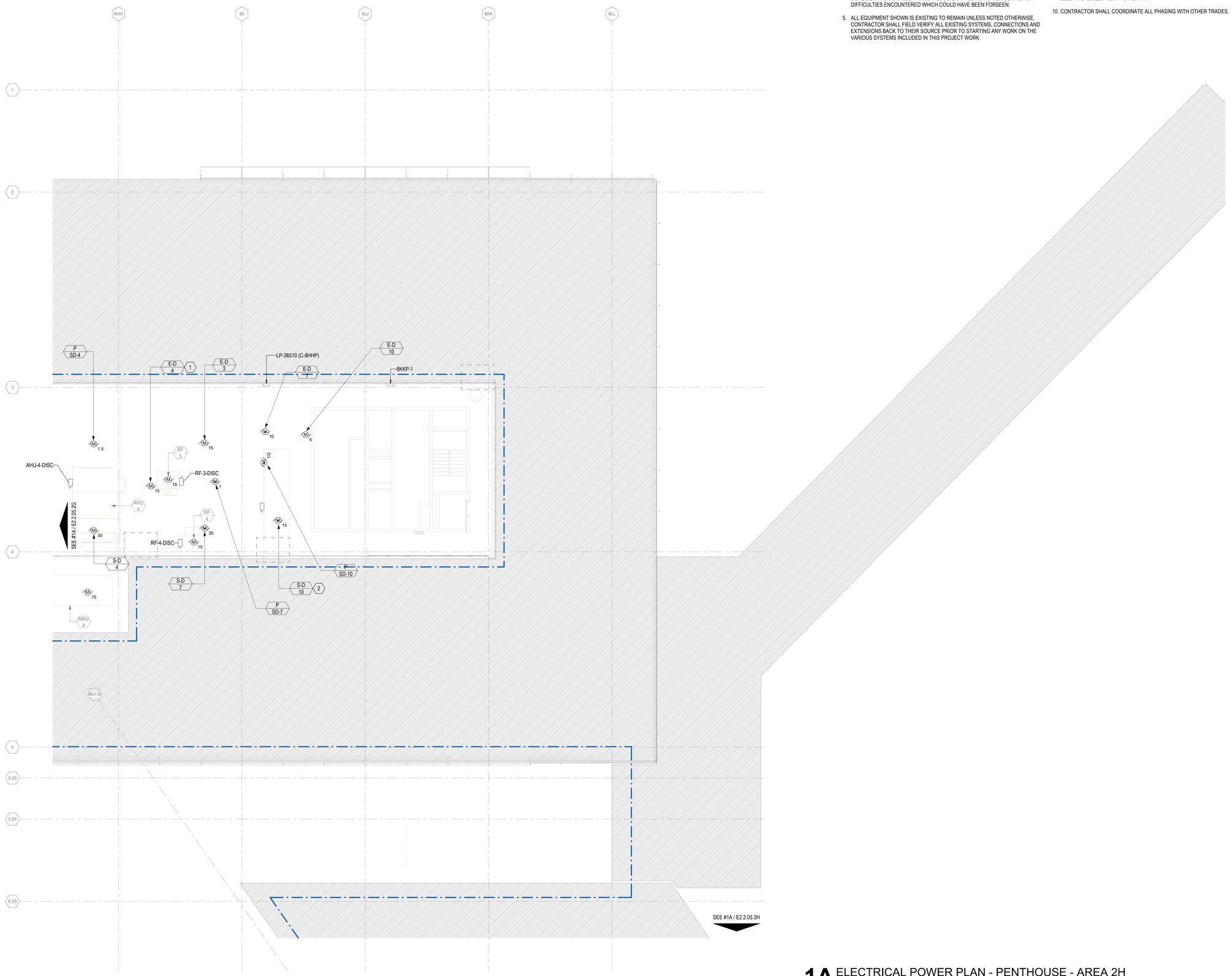

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1/8" = 1'-0"

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MILHOUSE

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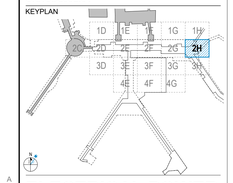

ELECTRICAL POWER PLAN PENTHOUSE - AREA 2H

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SHEET NUMBER VOLUME: **3**
E2.2.05.2H

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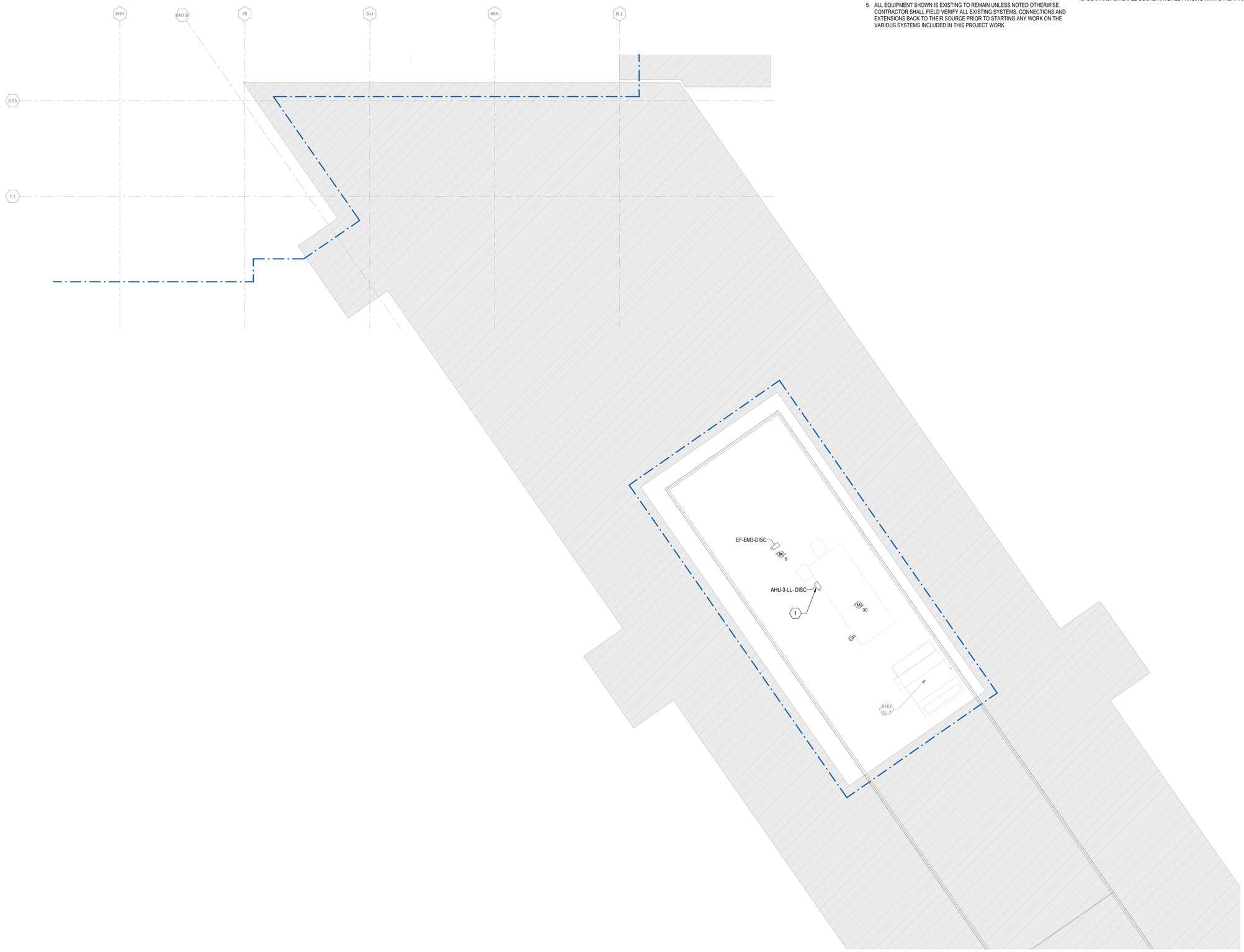
9. CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED FOR THE PHASING OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
10. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.



1A ELECTRICAL POWER PLAN - PENTHOUSE - AREA 3H
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

N

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NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
A member company of SH Group, Inc.

MILHOUSE

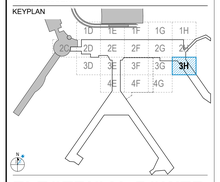
NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN



ELECTRICAL POWER PLAN PENTHOUSE - AREA 3H

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER **E2.2.05.3H** VOLUME: **3**

3/22/2023 3:09:43 PM

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KEYED NOTES #

1 ELECTRICAL CLOSET TO BE DEMOLISHED. REMOVE ALL EXISTING EQUIPMENT, PANELS, TRANSFORMERS, CONDUIT, AND WIRING INSIDE OF THE EXISTING ELECTRICAL ROOM BACK TO SOURCE. CONTRACTOR IS TO COORDINATE WITH ALL DEMOLITION DRAWINGS FOR EXISTING ELECTRICAL EQUIPMENT THAT IS INTENDED TO REMAIN.

2 2" CONDUIT STUBBED FROM CONCESSION METERBANK TO MEZZANINE LEVEL FOR PROPOSED TSA OFFICE SPACE.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
4. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
5. ALL EQUIPMENT SHOWN IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
6. MAINTAIN FIRE RATING OF EXISTING WALLS AND SLABS WHERE NEW CONDUIT PENETRATIONS ARE REQUIRED.
7. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ELECTRICAL DEVICES AND EQUIPMENT IN FIELD.
8. HATCHED AREA(S) SHOW EXTENT OF THE PROPOSED AREA OF WORK. THIS WORK IS TO INCLUDE ALL ELECTRICAL EQUIPMENT AND THE RECONFIGURATION OF ASSOCIATED CONDUITS, CONDUCTORS, HANGERS, SUPPORTS, LIGHT FIXTURES, AND OTHER ASSOCIATED APPURTENANCES. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL SYSTEMS ELECTRICALLY SAFE PRIOR TO THE START OF ANY WORK.
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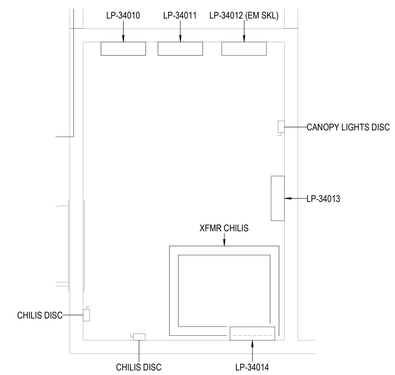
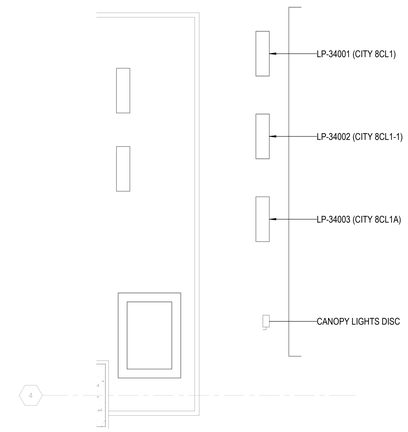
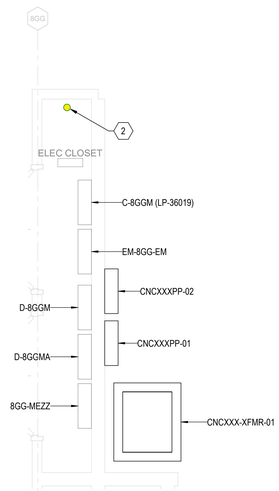


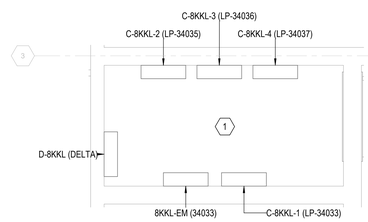
3C EXISTING ELECTRICAL CLOSET LOWER LEVEL COL K
1/2" = 1'-0"



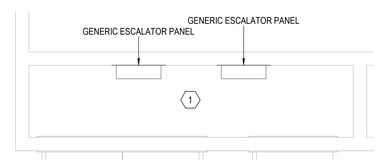
1C EXISTING ELECTRICAL CAGE LOWER LEVEL COL C/D
1/2" = 1'-0"



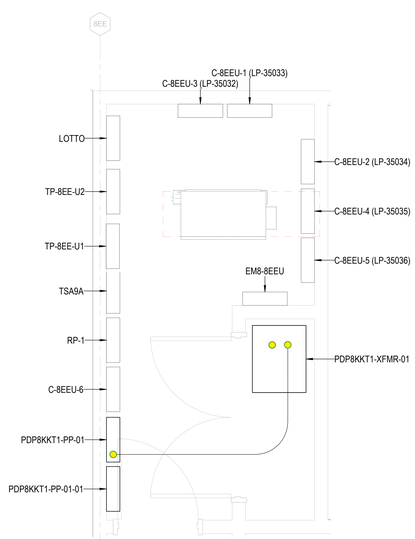
5B EXISTING ELECTRICAL ROOM MEZZ
1/2" = 1'-0"



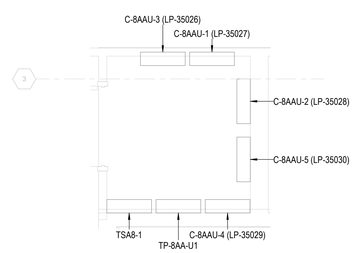
3B EXISTING ELECTRICAL ROOM T3.1.12
1/2" = 1'-0"



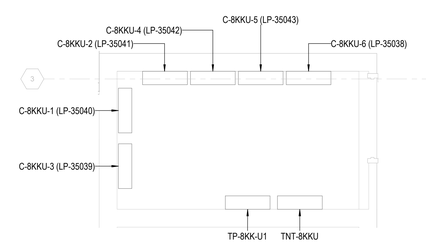
1B EXISTING ELECTRICAL ROOM ESCALATOR PANELS
1/2" = 1'-0"



5A EXISTING ELECTRICAL ROOM ARGO TEA
1/2" = 1'-0"



3A EXISTING ELECTRICAL ROOM T3.2.51
1/2" = 1'-0"



1A EXISTING ELECTRICAL ROOM T3.2.06
1/2" = 1'-0"

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CDA Chicago Department of Aviation

CITY OF CHICAGO
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REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE: **C.O.C.A.002.01**

ELECTRICAL ROOM ENLARGED PLANS (1 OF 2)

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E3.2.01

3/20/2023 12:28:14 AM

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KEYED NOTES #

1 PROVIDE NEW FEED FROM SECONDARY DISCONNECT UP TO NEW PANELS REPLACING EXISTING PANELS BEING RELOCATED.

2 ELECTRICAL CLOSET TO BE DEMOLISHED. REMOVE ALL EXISTING EQUIPMENT, PANELS, TRANSFORMERS, CONDUIT, AND WIRING INSIDE OF THE EXISTING ELECTRICAL ROOM BACK TO SOURCE. CONTRACTOR IS TO COORDINATE WITH ALL DEMOLITION DRAWINGS FOR EXISTING ELECTRICAL EQUIPMENT THAT IS INTENDED TO REMAIN.

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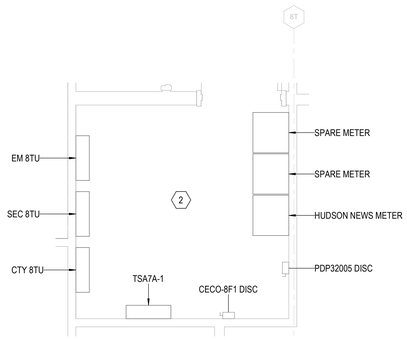
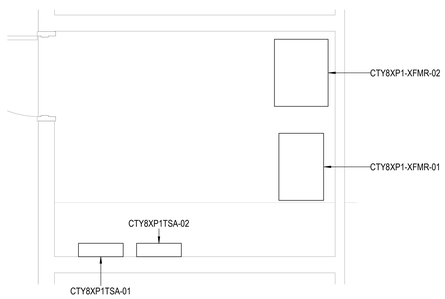
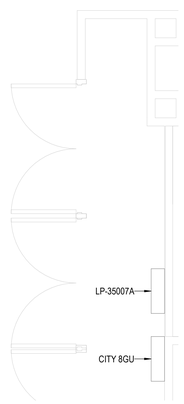


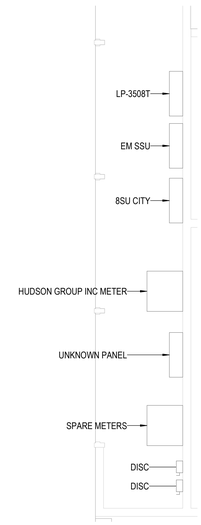
5D EXISTING ELECTRICAL CLOSET UL.8T.5
1/2" = 1'-0"



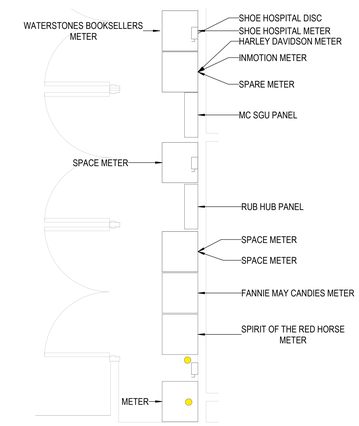
5C PROPOSED UL.8V.4 ELECTRICAL CLOSET
1/2" = 1'-0"



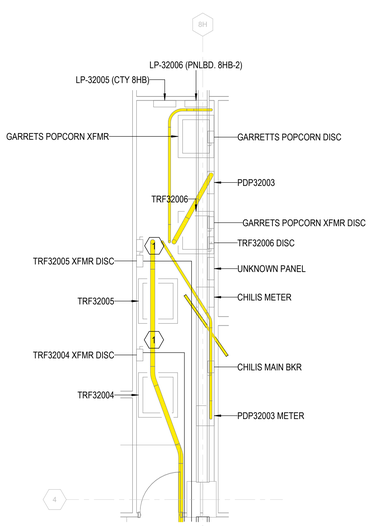
4C EXISTING ELECTRICAL CLOSET UL.8H.1
1/2" = 1'-0"



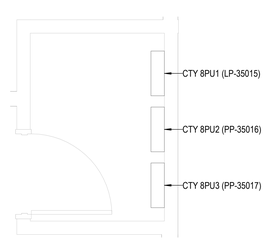
3C EXISTING ELECTRICAL CLOSET UL.8T.2
1/2" = 1'-0"



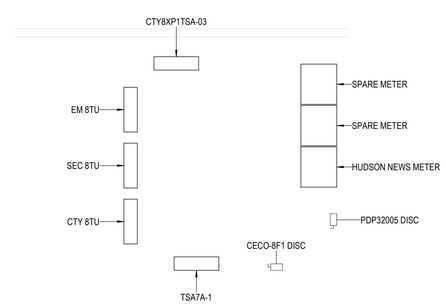
1C EXISTING ELECTRICAL ROOM T3.2.100
1/2" = 1'-0"



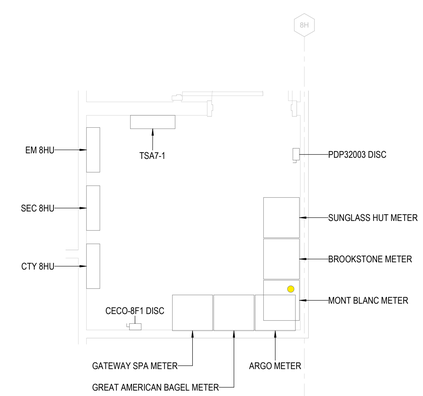
5A EXISTING T3.B.8G.B ELECTRICAL ROOM (8 LB E.R.)
1/4" = 1'-0"



4A EXISTING ELECTRICAL ROOM 8PO
1/2" = 1'-0"



3A PROPOSED ELECTRICAL ROOM UL.8T.5
1/2" = 1'-0"



1A EXISTING ELECTRICAL ROOM UL.8H.8
1/2" = 1'-0"

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CITY OF CHICAGO
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CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

ELECTRICAL ROOM ENLARGED PLANS (2 OF 2)

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
E3.2.02

3/20/2023 12:30:07 AM

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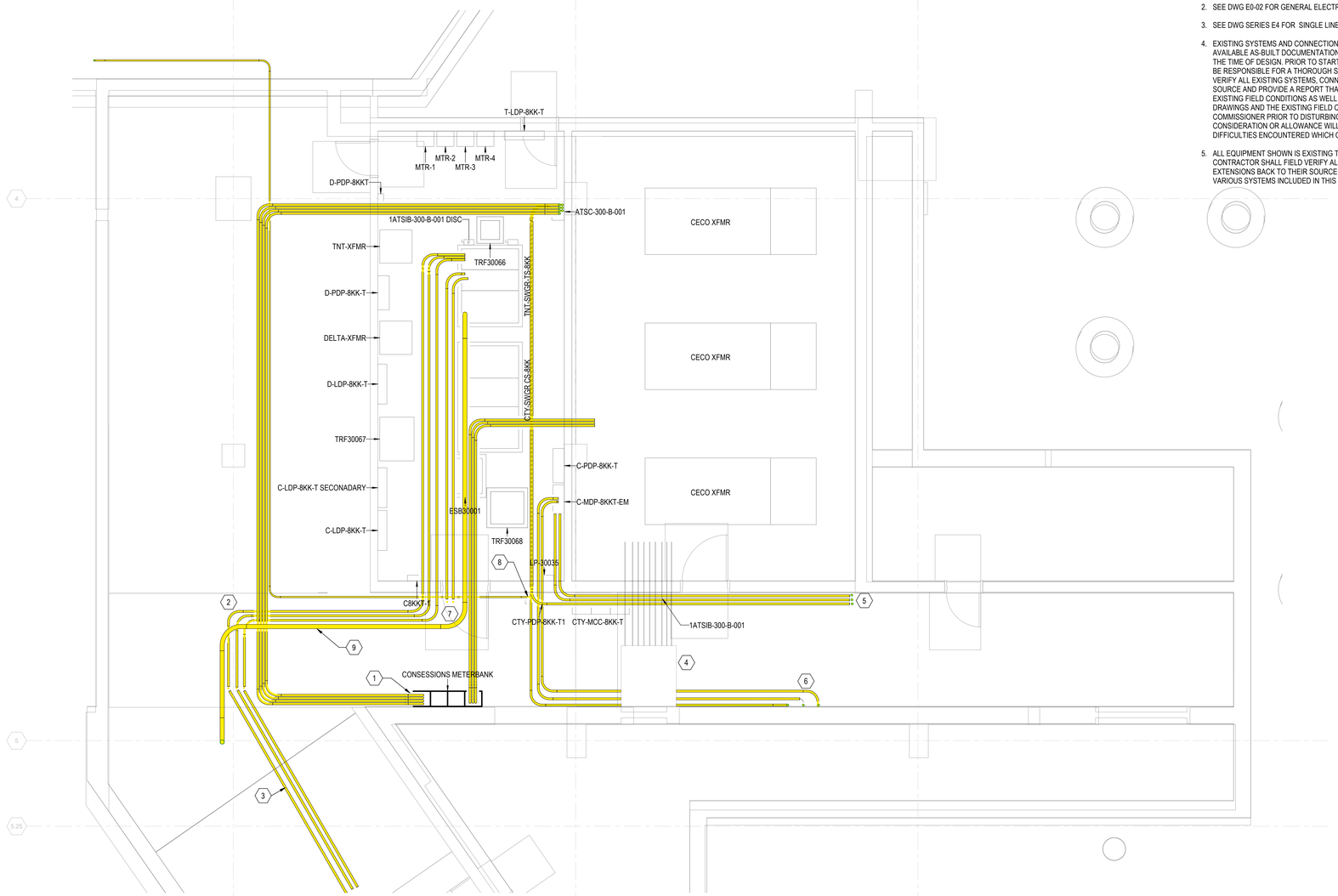
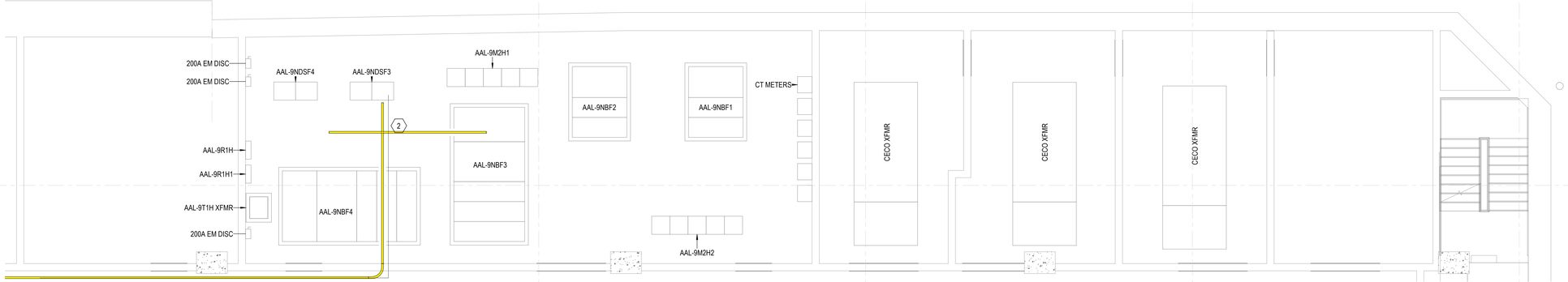


3A ELECTRICAL POWER - PART PLANS - RING TUNNEL - NC-5612

1/4" = 1'-0"



1A ELECTRICAL POWER - PART PLANS - BASEMENT LEVEL - NC-5614

1/4" = 1'-0"

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
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KEYED NOTES

1. CONTRACTOR TO PROVIDE 800A 9-SOCKET METERBANK FOR PROPOSED CONCESSIONS/TENANT SPACES.
2. PROVIDE NEW FEEDER TO NEW BHS PDP-A. REFERENCE OVERALL PLAN AND SINGLE LINE DRAWINGS FOR MORE DETAILS.
3. PROVIDE NEW FEEDER TO NEW BHS PDP-B. REFERENCE OVERALL PLAN AND SINGLE LINE DRAWINGS FOR MORE DETAILS.
4. EXISTING SECONDARY CONDUITS IN CONCRETE ENCASED DUCT BANK SERVING EXISTING STINGER SERVICE DISCONNECT. DUCT BANK TO BE REMOVED AND REPLACED WITH NEW. REFER TO DEMO PLANS FOR MORE DETAILS.
5. INTERCEPT EXISTING FEEDS FOR 1ATS-320-L-001, 3ATS-320-L-001, AND ATS FIBER LOOP SERVING THE STINGER AND PROVIDE NEW ROUTED AS SHOWN. FEEDS SHALL BE INTERCEPTED AT EXISTING JUNCTION BOX AT LOWER LEVEL. REFER TO LOWER LEVEL PLANS FOR APPROXIMATE LOCATION.
6. EXISTING FEEDS FOR 1ATS-320-L-001, 3ATS-320-L-001, AND ATS FIBER LOOP SERVING THE STINGER. FEEDS TO BE RE-ROUTED AS SHOWN.
7. NEW CONDUITS SERVING RELOCATED PANEL AA-9H-L11. ROUTE DOWN THROUGH BASEMENT LEVEL TO TS-8KK IN VAULT 7 ELECTRICAL ROOM AT TUNNEL LEVEL. REFER TO ENLARGED PLAN FOR MORE INFORMATION.
8. 1 1/4" CONDUIT FROM CITY-PDP-8KK-T1 TO UPPER LEVEL PDP8KKT1-XFMR-01 LOCATED IN ARGO TEA ELECTRICAL CLOSET.
9. 4" CONDUIT FROM TS-8KK SWITCHGEAR TO UPPER LEVEL TENANT LOUNGE SPACE.

DRAFT - PRE-DECISIONAL

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CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

NETWORK CENTER ENLARGED PLANS (1 OF 2)

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER VOLUME: **3**

E3.2.03

3/22/2023 3:10:14 PM

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KEYED NOTES #

1 NEW CONDUITS SERVING NEW BHS PDP-B ON THE LOWER LEVEL. ROUTE DOWN TO TS-9LLL IN VAULT 8 ELECTRICAL ROOM. REFER TO LOWER LEVEL PLANS FOR LOCATION OF PDP-B.

2 CONTRACTOR TO PROVIDE 800A 9-SOCKET METERBANK FOR PROPOSED CONCESSIONS SPACES.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
4. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
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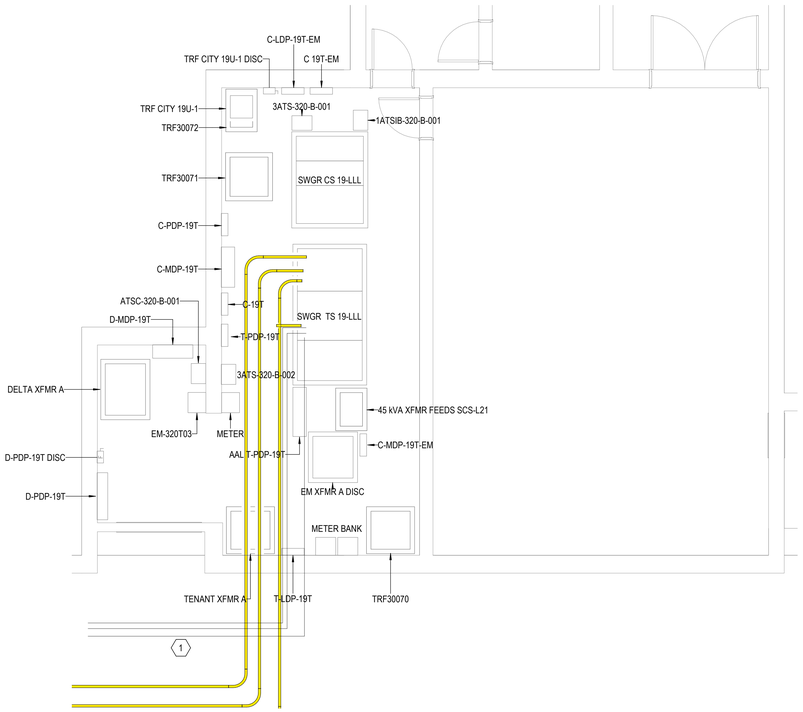
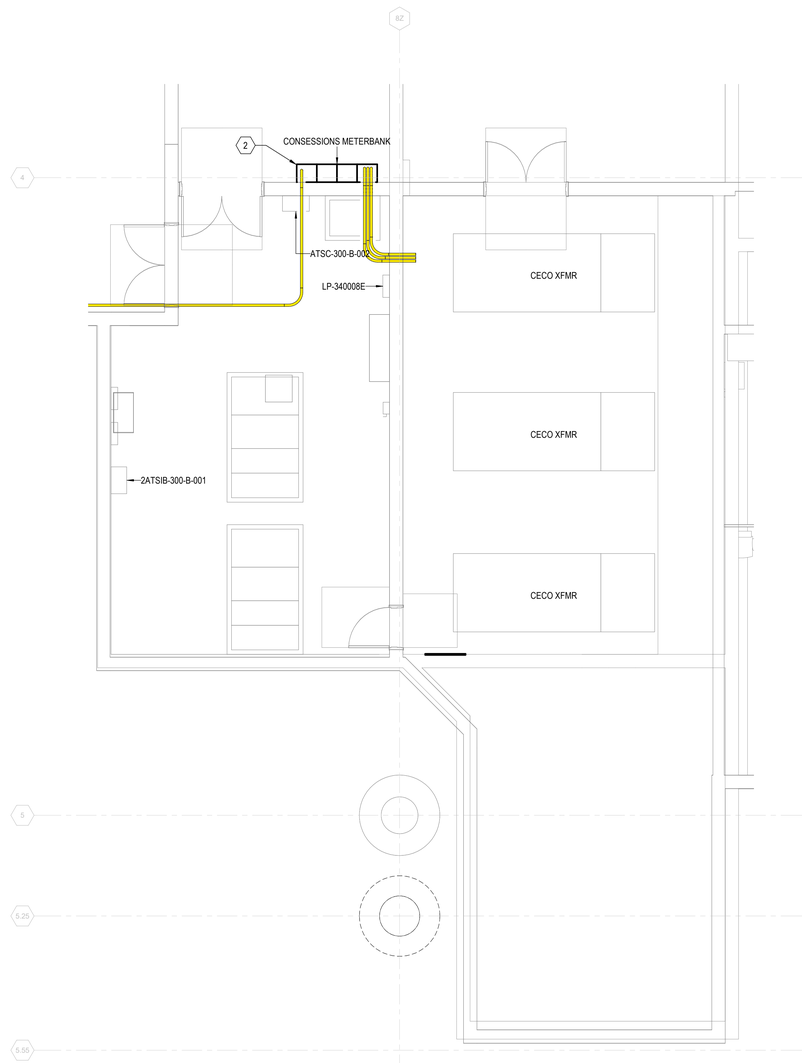
6. MAINTAIN FIRE RATING OF EXISTING WALLS AND SLABS WHERE NEW CONDUIT PENETRATIONS ARE REQUIRED.
7. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ELECTRICAL DEVICES AND EQUIPMENT IN FIELD.
8. HATCHED AREA(S) SHOW EXTENT OF THE PROPOSED AREA OF WORK. THIS WORK IS TO INCLUDE ALL ELECTRICAL EQUIPMENT AND THE RECONFIGURATION OF ASSOCIATED CONDUITS, CONDUCTORS, HANGERS, SUPPORTS, LIGHT FIXTURES, AND OTHER ASSOCIATED APPURTENANCES. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL SYSTEMS ELECTRICALLY SAFE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED FOR THE PHASING OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
10. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.



4D ELECTRICAL POWER - PART PLANS - BASEMENT LEVEL - NC-5611
1/4" = 1'-0"



1A ELECTRICAL POWER - PART PLANS - BASEMENT LEVEL - NC-5604
1/4" = 1'-0"

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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MILHOUSE

NOTES

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C.O.C.A.002.01

NETWORK CENTER ENLARGED PLANS (2 OF 2)

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SHEET NUMBER VOLUME: **3**
E3.2.04

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KEYED NOTES #

1 PROPOSED JUNCTION BOXES FOR ELEVATOR EQUIPMENT, PROVIDE CKTS PER PROPOSED ELEVATOR PANEL SCHEDULE (TYPICAL). CONTRACTOR TO COORDINATE ADDITIONAL EQUIPMENT REQUIREMENTS AND FINAL EQUIPMENT LOCATIONS WITH ELEVATOR MANUFACTURER(S). MAKE FINAL CONNECTIONS IN THE FIELD

2 PROVIDE 120V RECEPTACLE WITH 2#10 & 1#10 GRD IN 3/4" FOR PROPOSED ELEVATOR SUMP PUMP TO BE WIRED BACK TO ELEVATOR MACHINE ROOM PANEL BOARD. (TYPICAL ALL SUMP PITS)

3 PROVIDE DUPLEX GFCI RECEPTACLE IN PROPOSED ELEVATOR PIT (TYPICAL).

4 PROVIDE 200A, 480V FUSED DISCONNECT FOR PROPOSED ELEVATOR. FINAL LOCATION OF ELEVATOR DISCONNECT IS TO BE COORDINATED WITH ELEVATOR MANUFACTURER IN THE FIELD.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
4. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
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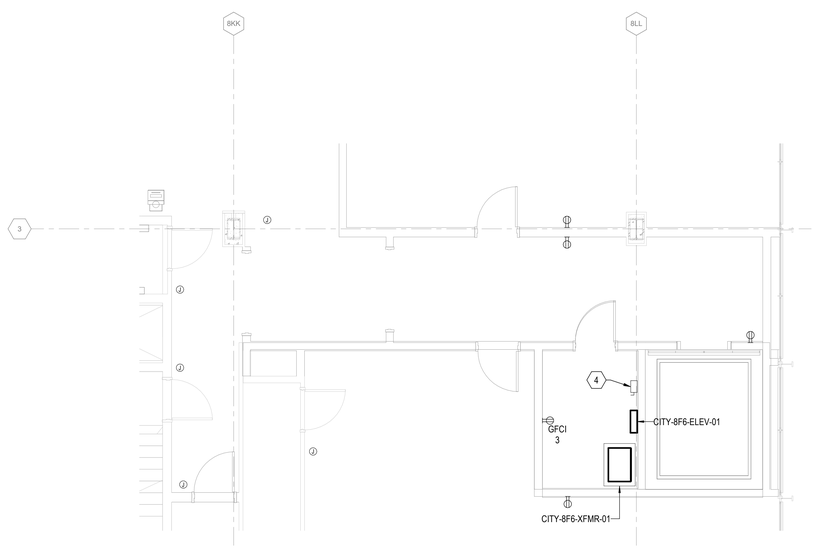
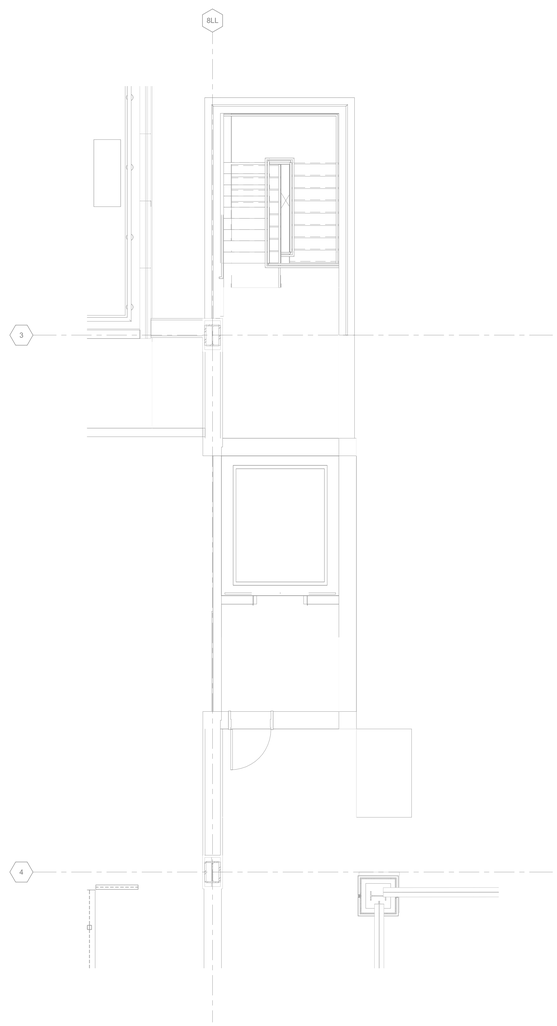
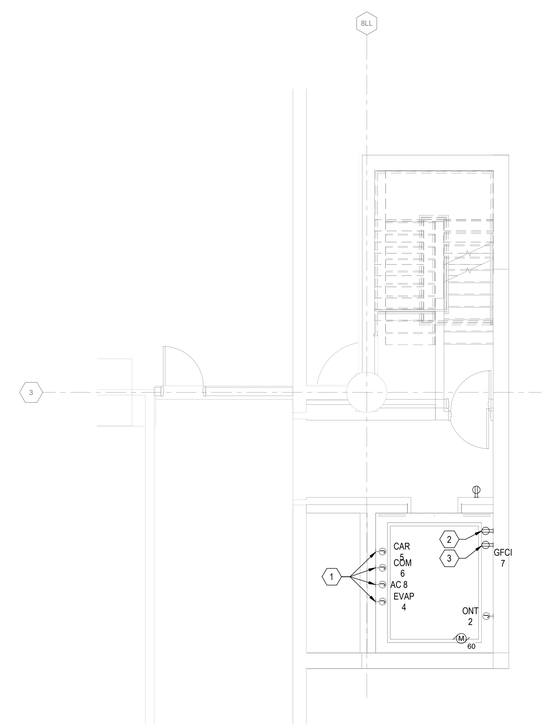


4A ELECTRICAL POWER PLAN UPPER LEVEL - ELEVATOR
1/4" = 1'-0"



2A ELECTRICAL POWER PLAN LOWER LEVEL - ELEVATOR
1/4" = 1'-0"



1A ELECTRICAL POWER PLAN BASEMENT LEVEL - ELEVATOR
1/4" = 1'-0"

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CDA Chicago Department of Aviation

CITY OF CHICAGO
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MAYOR

CHICAGO DEPARTMENT OF AVIATION
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MILHOUSE

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VERTICAL ELEVATOR CIRCULATION

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
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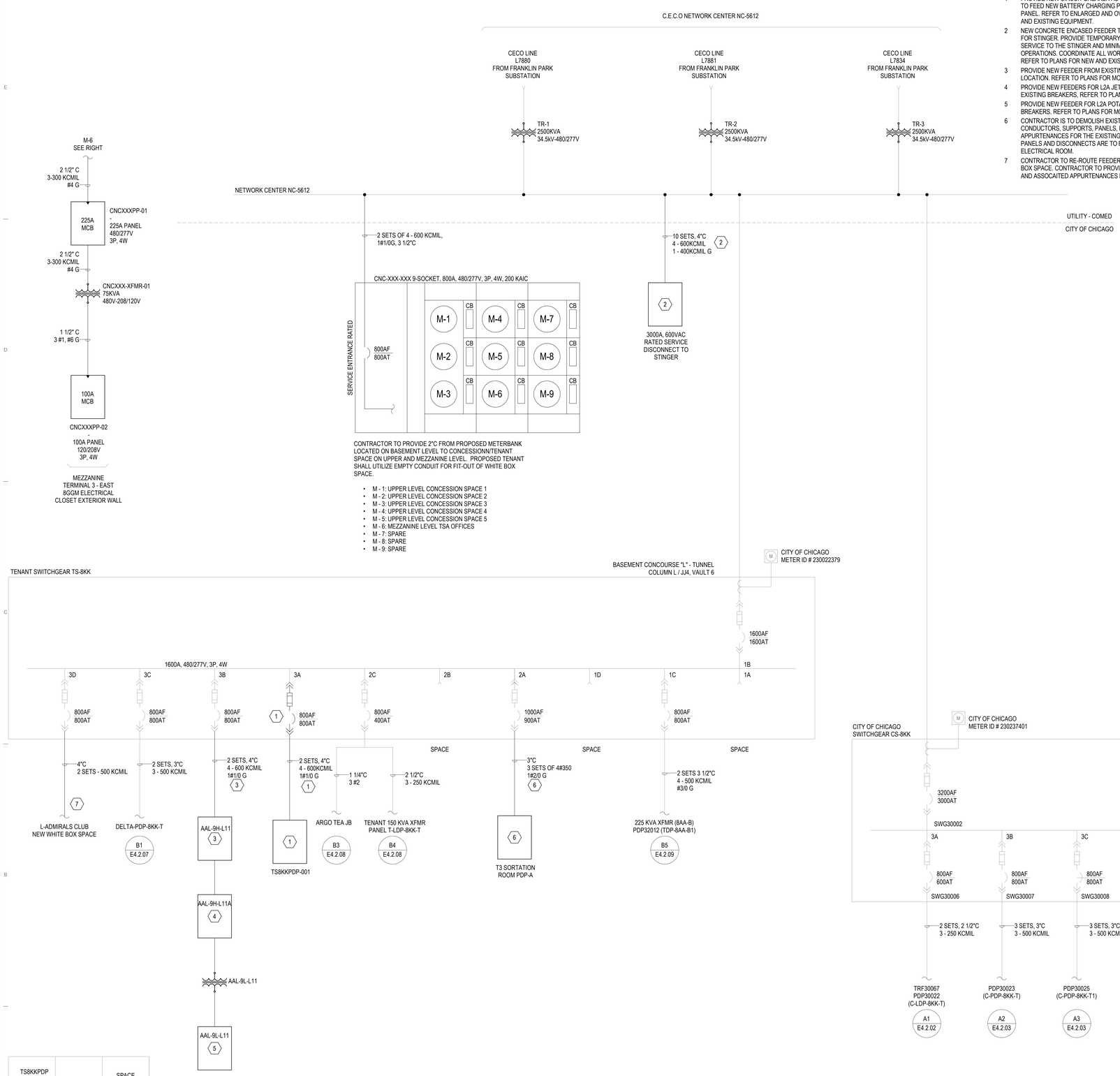

TS8KKPDP -001 3A	SPACE 2A	SPACE 1A
AAL-9H-L11 3B	SPACE 2B	MAIN 1B
DELTA-PDP BKK-T 3C		225 KVA XFMR (8AA-B) PDP32012 (TDP-8AA-B1) 1C
L-ADMIRALS CLUB 3D	ARGO TEA JB 150 KVA XFMR PANEL T-LDP-8KK-T 2C	SPACE 1D

FRONT ELEVATION
TENANT SWITCHGEAR TS-8KK

SPACE	METERING	PDP30022 (C-LDP-8KK-T) 3A	SPACE 4A
CITY OF CHICAGO INCOMING LINE	MAIN	PDP30023 (C-PDP-8KK-T) 3B	SPARE 4B
		PDP30025 (C-PDP-8KK-T1) 3C	UNLABELED (DP8KKB) 4C
SPACE	FUSES	C-LDP-8BB-B 300KVA XFMR PDP30011 3D	SPACE 4D

FRONT ELEVATION
CITY SWITCHGEAR CS-8KK

1A SLD NC-5612 CITY OF CHICAGO SWITCHGEAR CS-8KK & TENANT SWITCHGEAR TS-8KK

NTS

KEYED NOTES #

1. PROVIDE NEW CIRCUIT BREAKER AS SHOWN IN EXISTING SPACE AND USE TO FEED NEW BATTERY CHARGING PANEL. PROVIDE NEW FEEDER TO NEW PANEL. REFER TO ENLARGED AND OVERALL PLANS FOR LOCATION OF NEW AND EXISTING EQUIPMENT.
2. NEW CONCRETE ENCASED FEEDER TO EXISTING SERVICE DISCONNECT FOR STINGER. PROVIDE TEMPORARY POWER AS REQUIRED TO MAINTAIN SERVICE TO THE STINGER AND MINIMIZE THE DISRUPTION TO DAILY OPERATIONS. COORDINATE ALL WORK WITHIN NC-5612 WITH COMED. REFER TO PLANS FOR NEW AND EXISTING ROUTING.
3. PROVIDE NEW FEEDER FROM EXISTING BREAKER TO NEW PANEL LOCATION. REFER TO PLANS FOR MORE INFORMATION.
4. PROVIDE NEW FEEDERS FOR L2A JET BRIDGE POWER, GPU, AND PCA FROM EXISTING BREAKERS, REFER TO PLANS FOR MORE INFORMATION.
5. PROVIDE NEW FEEDER FOR L2A POTABLE WATER CABINET FROM EXISTING BREAKERS. REFER TO PLANS FOR MORE INFORMATION
6. CONTRACTOR IS TO DEMOLISH EXISTING FEEDERS, CONDUITS, CONDUCTORS, SUPPORTS, PANELS, DISCONNECTS, AND ASSOCIATED APPURTENANCES FOR THE EXISTING EQUIPMENT BACK TO SOURCE. PANELS AND DISCONNECTS ARE TO BE RE-USED IN RELOCATED ELECTRICAL ROOM.
7. CONTRACTOR TO RE-ROUTE FEEDER FOR L ADMIRALS PROPOSED WHITE BOX SPACE. CONTRACTOR TO PROVIDE CONDUIT, FEEDERS, CONDUCTORS AND ASSOCAITED APPURTENANCES FROM SOURCE TO STUB LOCATION.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
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DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA
Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

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PRIME CONSULTANT
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STAMPING CONSULTANT
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A member company of SH Group, Inc.

MILHOUSE

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CDA WORK BREAKDOWN STRUCTURE (WBS) CODE: **C.O.C.A.002.01**

SLD NC-5612 CITY SWGR CS-8KK AND TENANT SWGR TS-8KK

DRAWN BY: **FK**
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SHEET NUMBER
VOLUME: **3**

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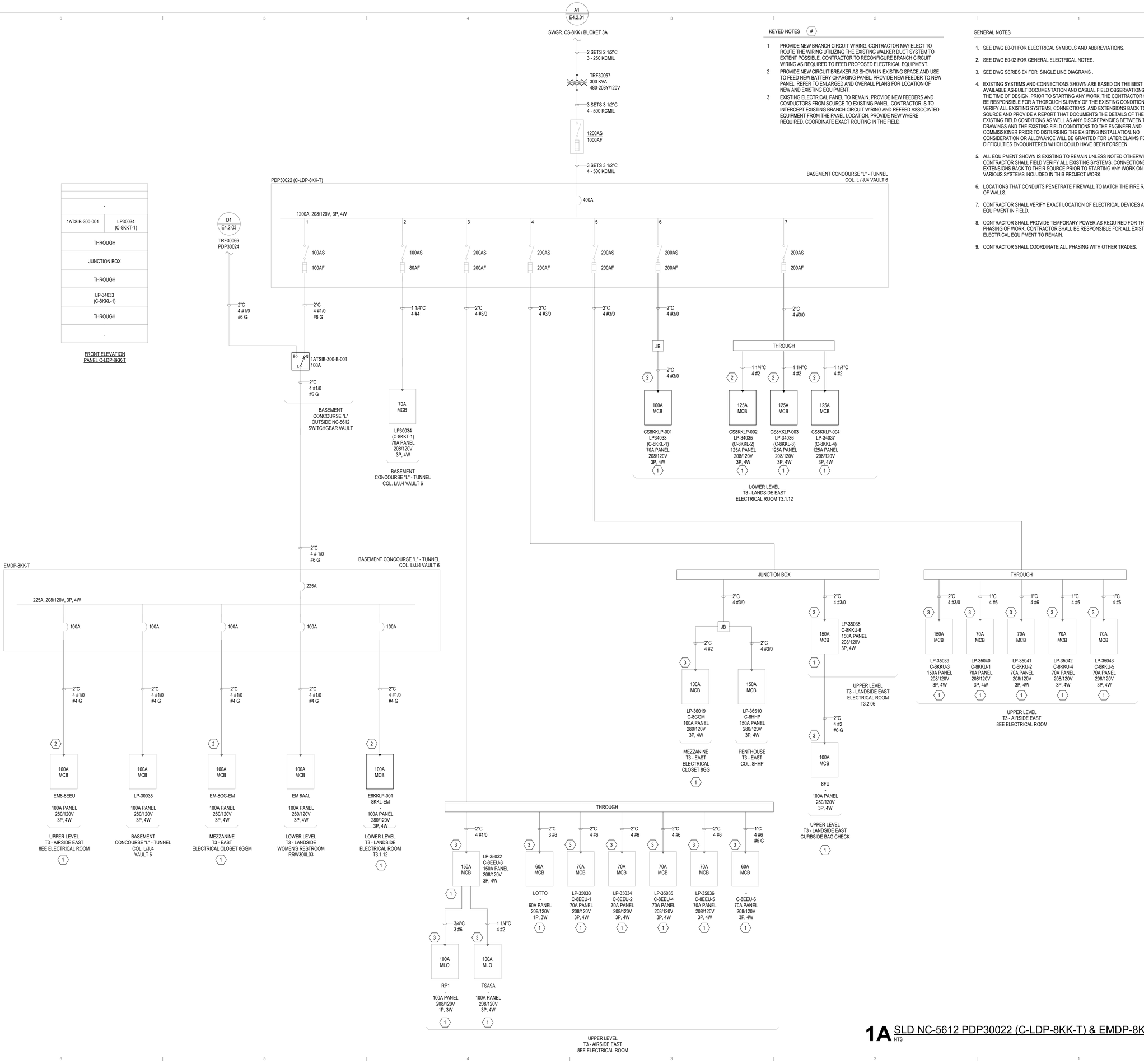

KEYED NOTES

1. PROVIDE NEW BRANCH CIRCUIT WIRING. CONTRACTOR MAY ELECT TO ROUTE THE WIRING UTILIZING THE EXISTING WALKER DUCT SYSTEM TO EXTENT POSSIBLE. CONTRACTOR TO RECONFIGURE BRANCH CIRCUIT WIRING AS REQUIRED TO FEED PROPOSED ELECTRICAL EQUIPMENT.
2. PROVIDE NEW CIRCUIT BREAKER AS SHOWN IN EXISTING SPACE AND USE TO FEED NEW BATTERY CHARGING PANEL. PROVIDE NEW FEEDER TO NEW PANEL. REFER TO ENLARGED AND OVERALL PLANS FOR LOCATION OF NEW AND EXISTING EQUIPMENT.
3. EXISTING ELECTRICAL PANEL TO REMAIN. PROVIDE NEW FEEDERS AND CONDUCTORS FROM SOURCE TO EXISTING PANEL. CONTRACTOR IS TO INTERCEPT EXISTING BRANCH CIRCUIT WIRING AND REFEED ASSOCIATED EQUIPMENT FROM THE PANEL LOCATION. PROVIDE NEW WHERE REQUIRED. COORDINATE EXACT ROUTING IN THE FIELD.

GENERAL NOTES

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1A SLD NC-5612 PDP30022 (C-LDP-8KK-T) & EMDP-8KK-T
NTS

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CDA Chicago Department of Aviation

CITY OF CHICAGO
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SLD NC-5612 PDP30022 (C-LDP-8KK-T) AND EMDP-8KK-T

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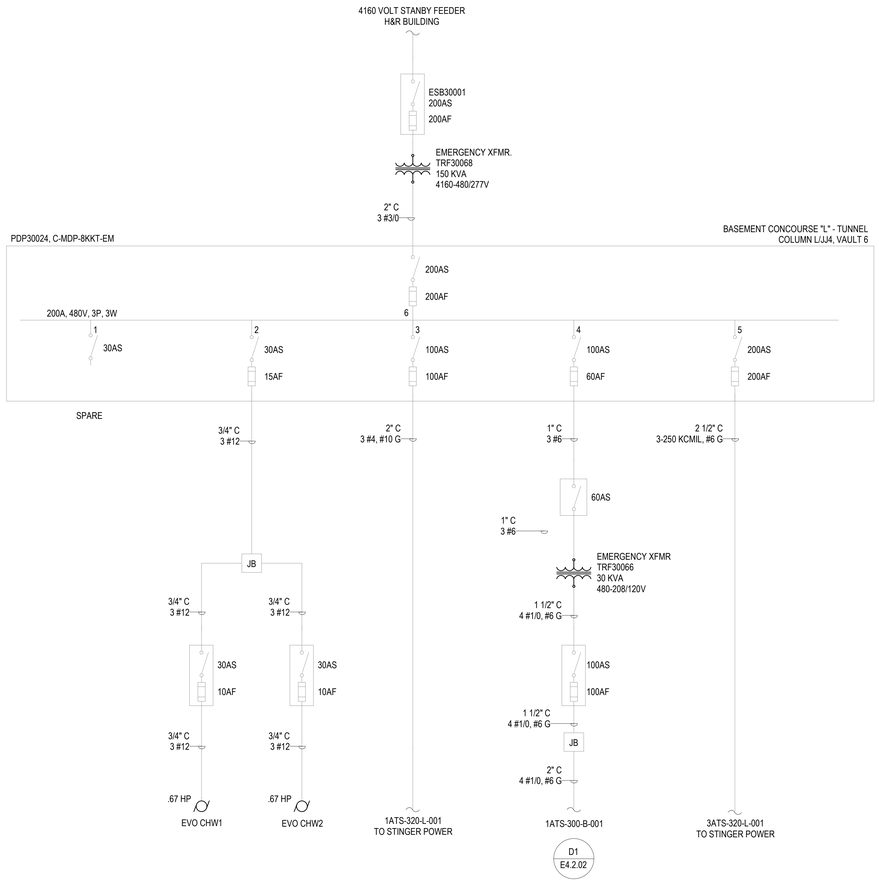
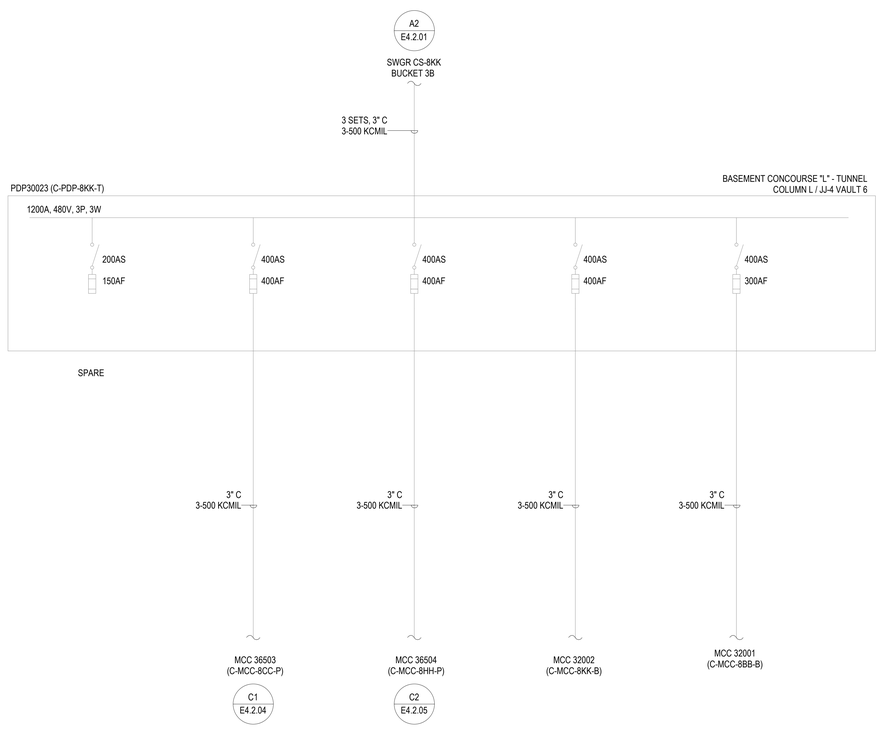


SPARE 1	EVO CHW1 EVO CHW2 2
1ATS-320-L-001	3
1ATSIB-300-B-001	4
3ATS-320-L-001	5
MAIN	6

FRONT ELEVATION
PDP30024, C-MDP-8KKT-EM

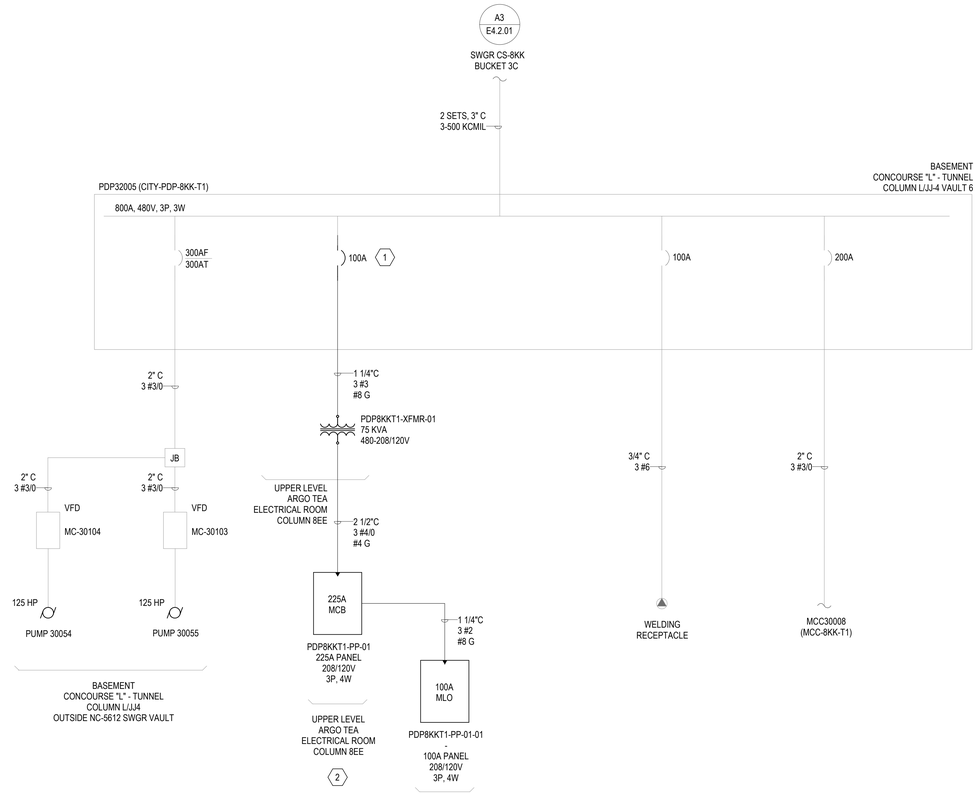
4C SLD NC-5612 PDP30024 (C-MDP-8KKT-EM)
NTS



SPARE
C-MCC-8CC-P
C-MCC-8HH-P
C-MCC-8KK-B
C-MCC-8BB-B

FRONT ELEVATION
PDP30023, C-PDP-8KK-T

4A SLD NC-5612 PDP30023 (C-PDP-8KK-T)
NTS



1A SLD NC-5612 PDP32005 (CITY-PDP-8KK-T1)
NTS

KEYED NOTES #

1. PROVIDE NEW 100A, 3 POLE, 3 PHASE CIRCUIT BREAKER IN EXISTING PANEL SPACE. CONTRACTOR IS TO VERIFY OVERCURRENT PROTECTION DEVICE TYPE IN THE FIELD AND ENSURE COMPATBILITY WITH THE EXISTING DISTRIBUTION PANEL.
2. CONTRACTOR TO PROVIDE NEW PANEL, TRANFORMER, RACEWAY, CONDUIT, CONDUCTORS, AND ASSOCAITED APPURTENANCES FROM SOURCE TO PROPOSED PANEL LOCATION.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
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SLD NC-5612 PDP30023, PDP30024, AND PDP2005

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CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
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KEYED NOTES #

1 CONTRACTOR TO MODIFY EXISTING MCC AND PROVIDE NEW OVERCURRENT PROTECTION DEVICE IN EXISTING MCC BUCKET SPACE. PROVIDE BLANK COVER AS REQUIRED.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
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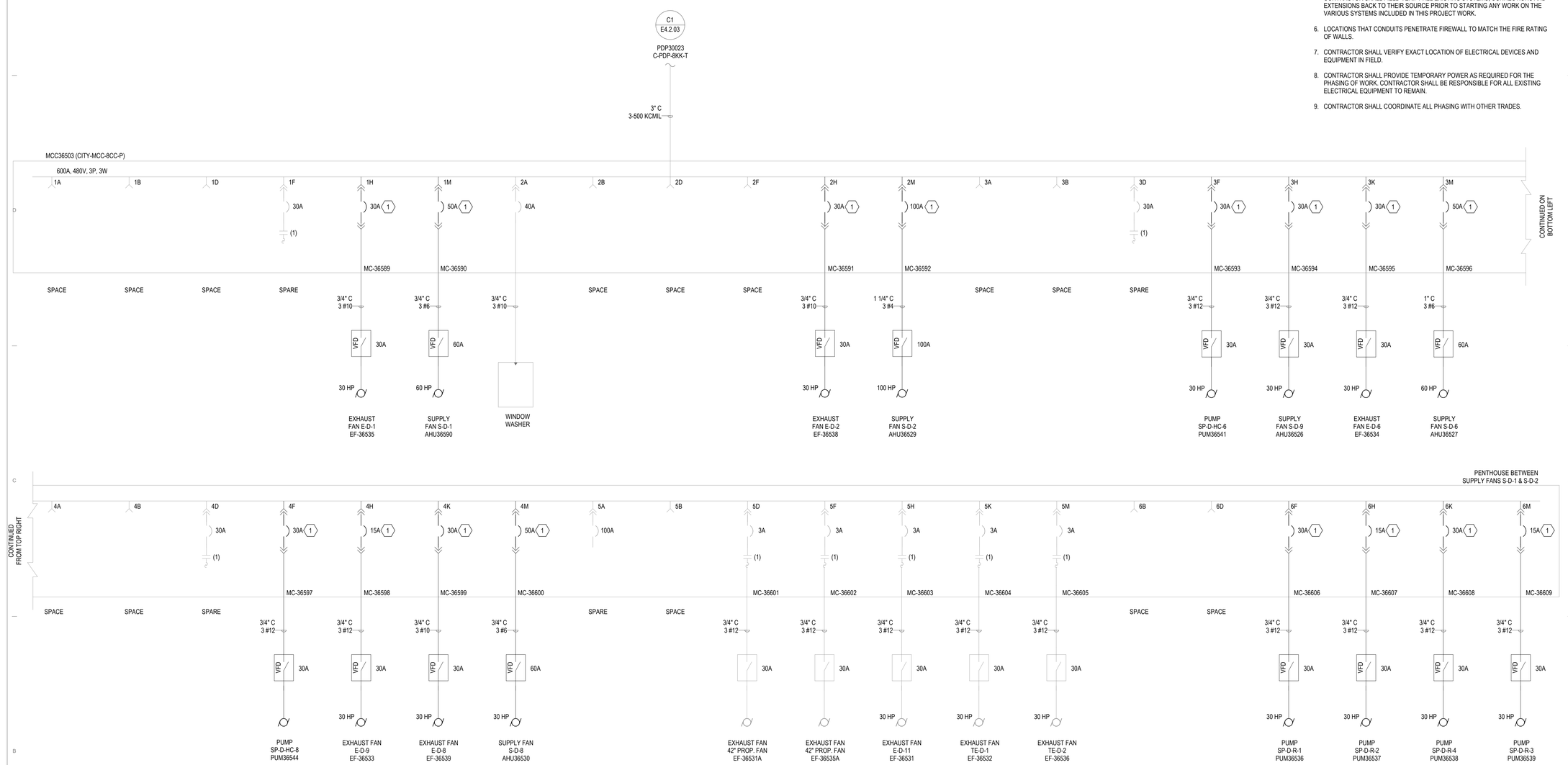

	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5	SECTION 6
A	SPACE	WINDOW WASHER 40A CIRCUIT BREAKER	SPACE	SPACE	SPARE - 100A CIRCUIT BREAKER	SPACE
B	SPACE	SPACE	SPACE	SPACE	SPACE	
C	SPACE	SPACE	SPARE	SPARE	EXHAUST FAN 42" PROP. FAN MC-36601 FOR EF-36531A	SPACE
D						
E	SPARE	SPACE	PUMP SP-D-HC-6 MC-36593 FOR PUM36541	PUMP SP-D-HC-8 MC-36597 FOR PUM36544	EXHAUST FAN 42" PROP. FAN MC-36601 FOR EF-36535A	PUMP SP-D-R-1 MC-36606 FOR PUM36536
F						
G	EXHAUST FAN E-D-1 MC-36589 FOR EF-36535	EXHAUST FAN E-D-2 MC-36591 FOR AHU36538	SUPPLY FAN S-D-9 MC-36594 FOR AHU36526	EXHAUST FAN E-D-9 MC-36598 FOR EF-36533	EXHAUST FAN E-D-11 MC-36603 FOR EF-36531	PUMP SP-D-R-2 MC-36607 FOR PUM36537
H						
J	SUPPLY FAN S-D-1 MC-36590 FOR AHU36590	SUPPLY FAN S-D-2 MC-36592 FOR AHU36529	EXHAUST FAN E-D-6 MC-36595 FOR EF-36534	EHAUST FAN E-D-8 MC-36599 FOR EF-36539	EXHAUST FAN TE-D-1 MC-36604 FOR EF-36532	PUMP SP-D-R-4 MC-36608 FOR PUM36538
K						
L			SUPPLY FAN S-D-6 MC-36596 FOR AHU36527	SUPPLY FAN S-D-8 MC-36600 FOR AHU36530	EXHAUST FAN TE-D-2 MC-36605 FOR EF-36536	PUMP SP-D-R-3 MC-36609 FOR PUM36539
M						

FRONT ELEVATION
MCC36503 (CITY-MCC-8CC-P)

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CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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MILHOUSE

NOTES

REVISION

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ISSUANCE **60% DESIGN**
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PHASE **DD**
REVISION **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SLD NC-5612
MCC36503
(CITY-MCC-8CC-P)

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER **E4.2.04** VOLUME: **3**

KEYED NOTES #

1. CONTRACTOR TO MODIFY EXISTING MCC AND PROVIDE NEW OVERCURRENT PROTECTION DEVICE IN EXISTING MCC BUCKET SPACE. PROVIDE BLANK COVER AS REQUIRED.
2. CONTRACTOR IS TO PROVIDE NEW FEEDERS, CONDUITS, CONDUCTORS, SUPPORTS, DISCONNECTS, MECHANICAL EQUIPMENT AND ASSOCIATED APPURTENANCES FOR THE PROPOSED MOTOR BACK TO SOURCE MCC.
3. PROPOSED MECHANICAL EQUIPMENT CONNECTION, MECHANICAL EQUIPMENT MANUFACTURER TO PROVIDE SINGLE POINT ELECTRICAL CONNECTION AND VFD WITH INTEGRAL DISCONNECT. CONTRACTOR TO COORDINATE CONNECTION LOCATION IN FIELD. VFD WITH INTEGRAL DISCONNECT TO BE PROVIDED BY EQUIPMENT SUPPLIER. CONTRACTOR SHALL PROVIDE MOUNTING HARDWARE, CONDUIT, WIRING, AND ASSOCIATED APPURTENANCES NECESSARY FOR FINAL CONNECTIONS (TYPICAL).

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
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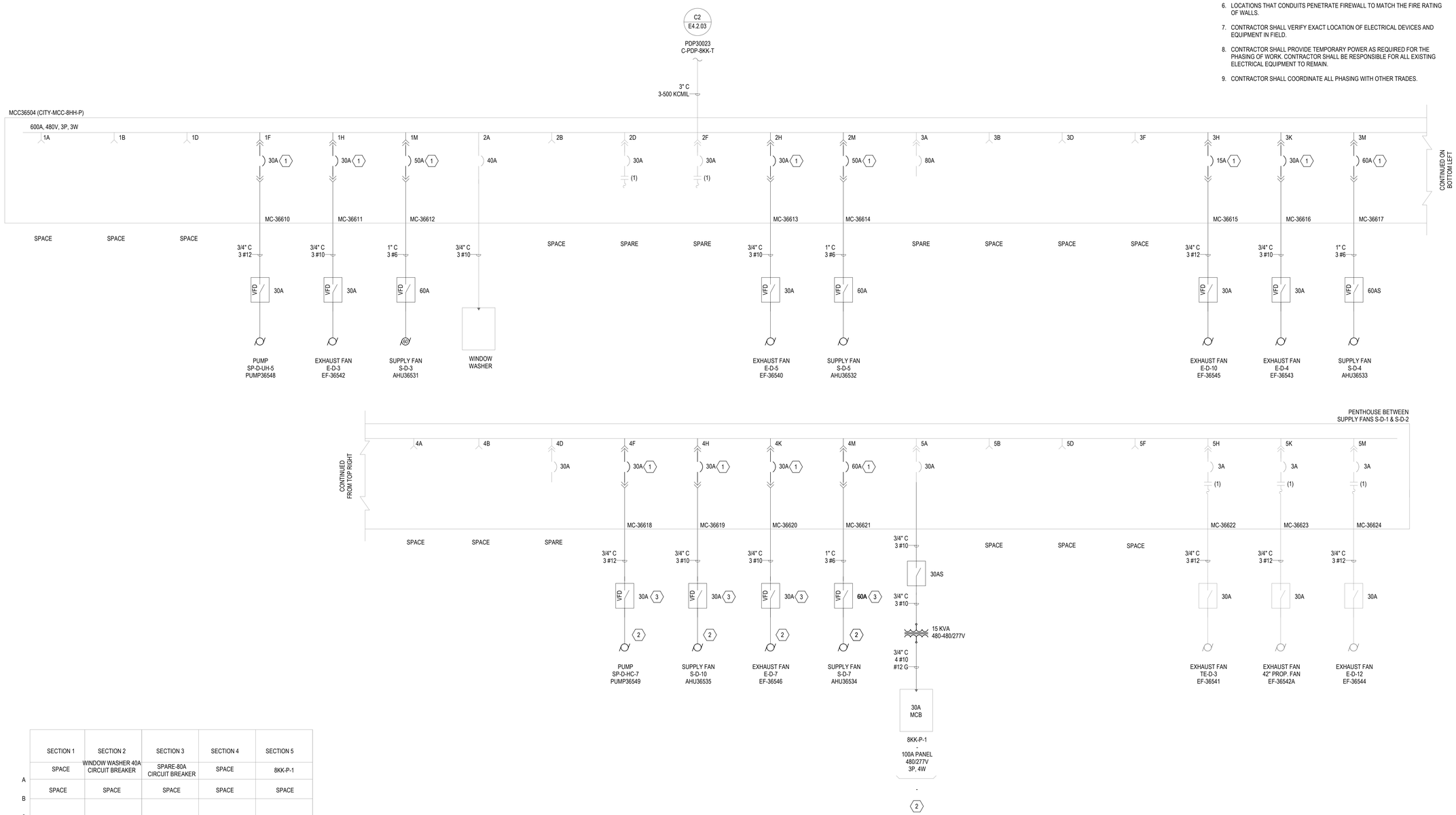

	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5
A	SPACE	WINDOW WASHER 40A CIRCUIT BREAKER	SPARE-80A CIRCUIT BREAKER	SPACE	8KK-P-1
B	SPACE	SPACE	SPACE	SPACE	SPACE
C–D	SPACE	SPARE	SPACE	SPARE	SPACE
E–F	PUMP SP-D-UH-5 MC-36610 FOR PUM36548	SPARE	SPARE	PUMP SP-D-HC-7 MC-36618 FOR PUM36549	SPACE
G–H	EXHAUST FAN E-D-3 MC-36611 FOR EF-36542	EXHAUST FAN E-D-5 MC-36613 FOR EF-36540	EXHAUST FAN E-D-10 MC-36615 FOR EF-36545	SUPPLY FAN S-D-10 MC-36619 FOR AHU36535	EXHAUST FAN TE-D-3 MC-36622 FOR EF-36541
J–M	SUPPLY FAN S-D-3 MC-36612 FOR AHU36531	SUPPLY FAN S-D-5 MC-36614 FOR AHU36532	EXHAUST FAN E-D-4 MC-36616 FOR EF-36543	EHAUST FAN E-D-7 MC-36620 FOR EF-36546	EXHAUST FAN 42" PROP. FAN MC-36623 FOR EF-36542A
			SUPPLY FAN S-D-4 MC-36617 FOR AHU36533	SUPPLY FAN S-D-7 MC-36621 FOR AHU36534	EXHAUST FAN E-D-12 MC-36624 FOR EF-36544

FRONT ELEVATION
MCC36504 (CITY-MCC-8HH-P)

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CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

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CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
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Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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MILHOUSE

NOTES

REVISION

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ISSUANCE **60% DESIGN**
PACKAGE ISSUE DATE **03/24/2023**
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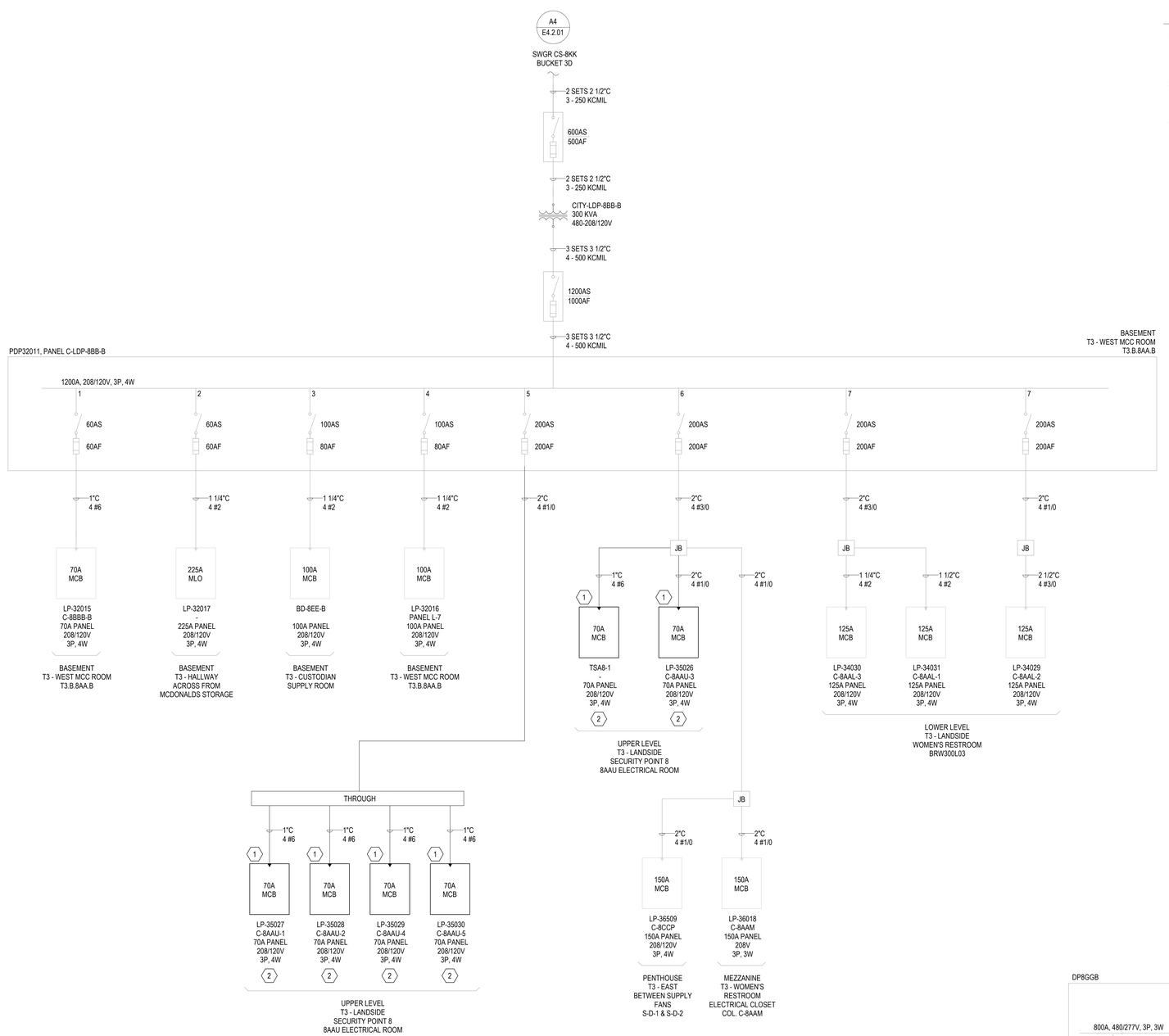
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SLD NC-5612
MCC36504
(CITY-MCC-8HH-P)

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER **E4.2.05** VOLUME: **3**



3C SLD NC-5612 PDP32011 PANEL C-LDP-8BB-B
NTS

KEYED NOTES #

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2. PROVIDE NEW BRANCH CIRCUIT WIRING. CONTRACTOR MAY ELECT TO ROUTE THE WIRING UTILIZING THE EXISTING WALKER DUCT SYSTEM TO EXTENT POSSIBLE. CONTRACTOR TO RECONFIGURE BRANCH CIRCUIT WIRING AS REQUIRED TO FEED PROPOSED ELECTRICAL EQUIPMENT.
3. PROVIDE NEW FEEDS, CONDUCTORS, AND CONDUIT FROM SOURCE TO PROPOSED ELEVATOR MOTOR. CONTRACTOR IS TO VERIFY SPACE IN FIELD, COORDINATE EXACT ROUTING IN FIELD.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
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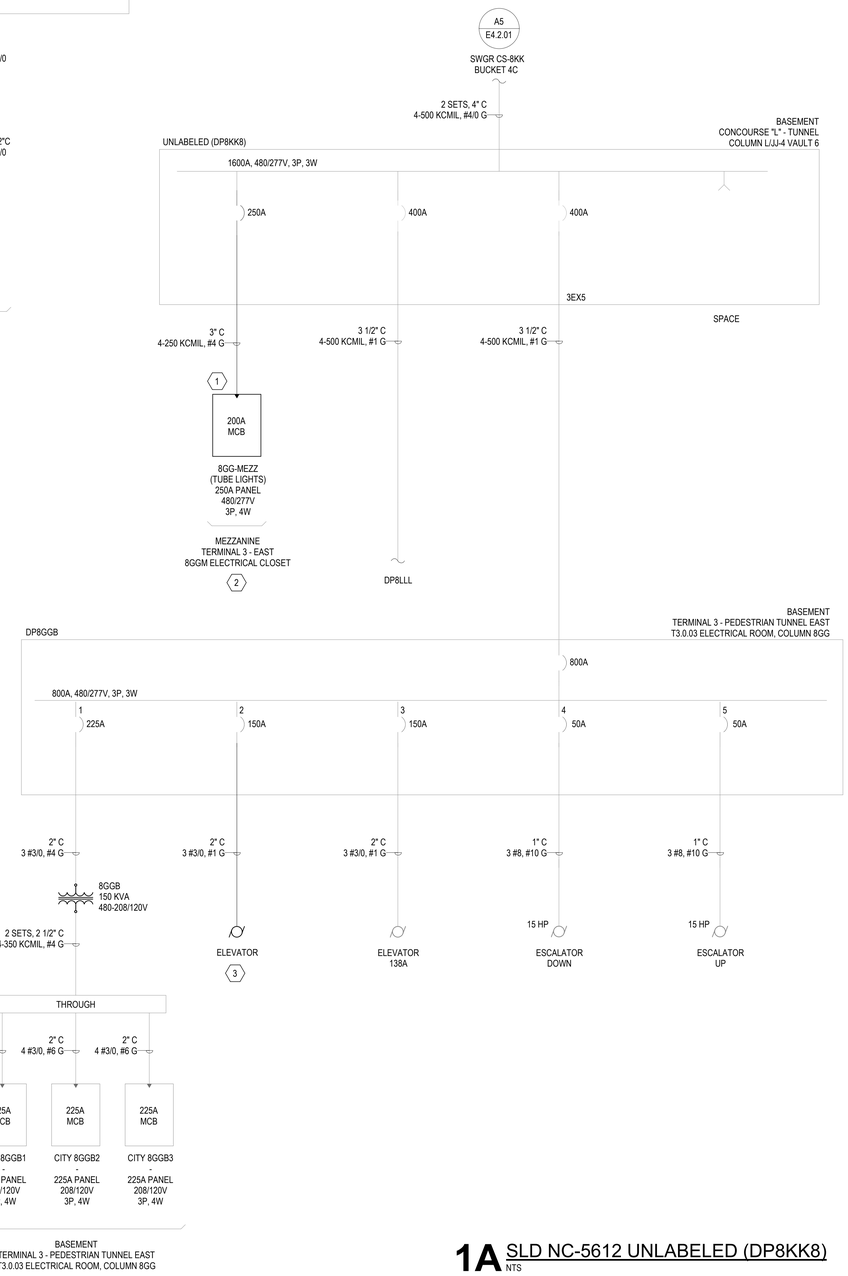

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
A member company of SH Group, Inc.

MILHOUSE

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REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SLD NC-5612 PDP32011 PANEL (C-LP-8BB-B) AND UNLABELED (DP8KK8)

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CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
E4.2.06

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KEYED NOTES #

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3 PROVIDE NEW PANEL AND FEEDER TO REPLACE EXISTING PANEL BEING RELOCATED. EXTEND EXISTING BRANCH CIRCUITS TO NEW LOCATION. REFER TO PLANS FOR MORE INFORMATION

GENERAL NOTES

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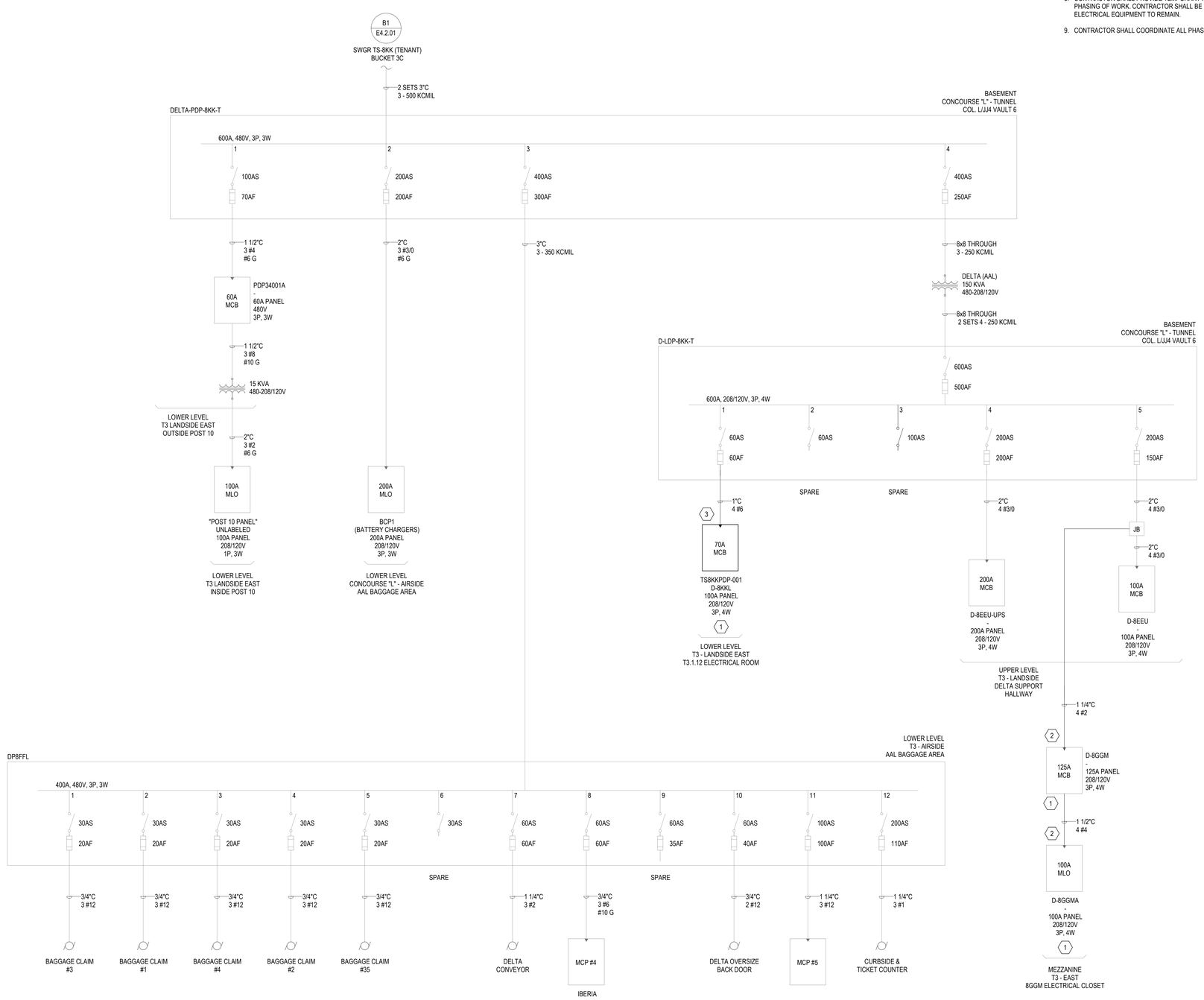

1A SLD NC-5612 DELTA-PDP-8KK-T
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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
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Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
A member company of SH Group, Inc.

MILHOUSE

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CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
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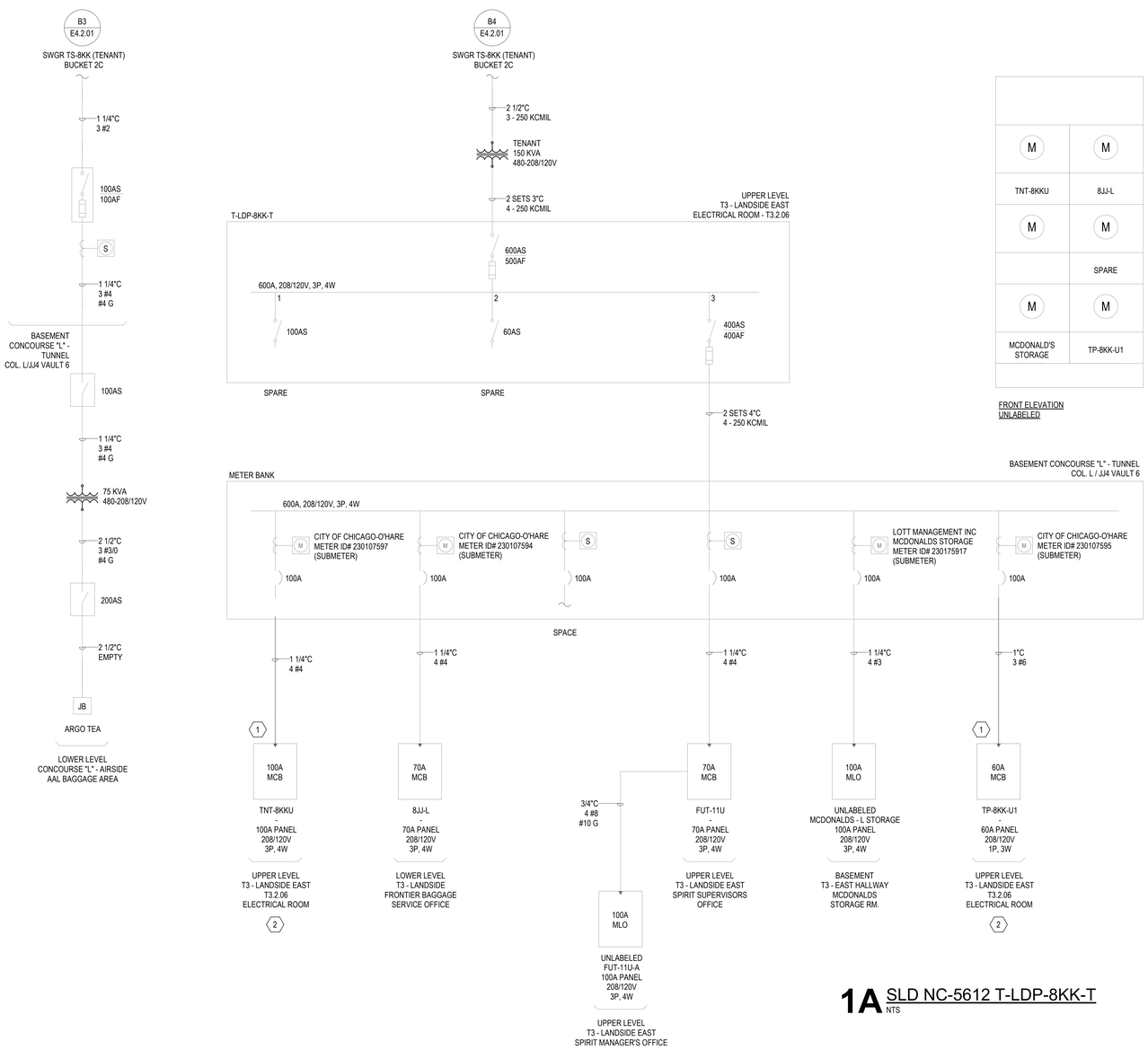

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CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

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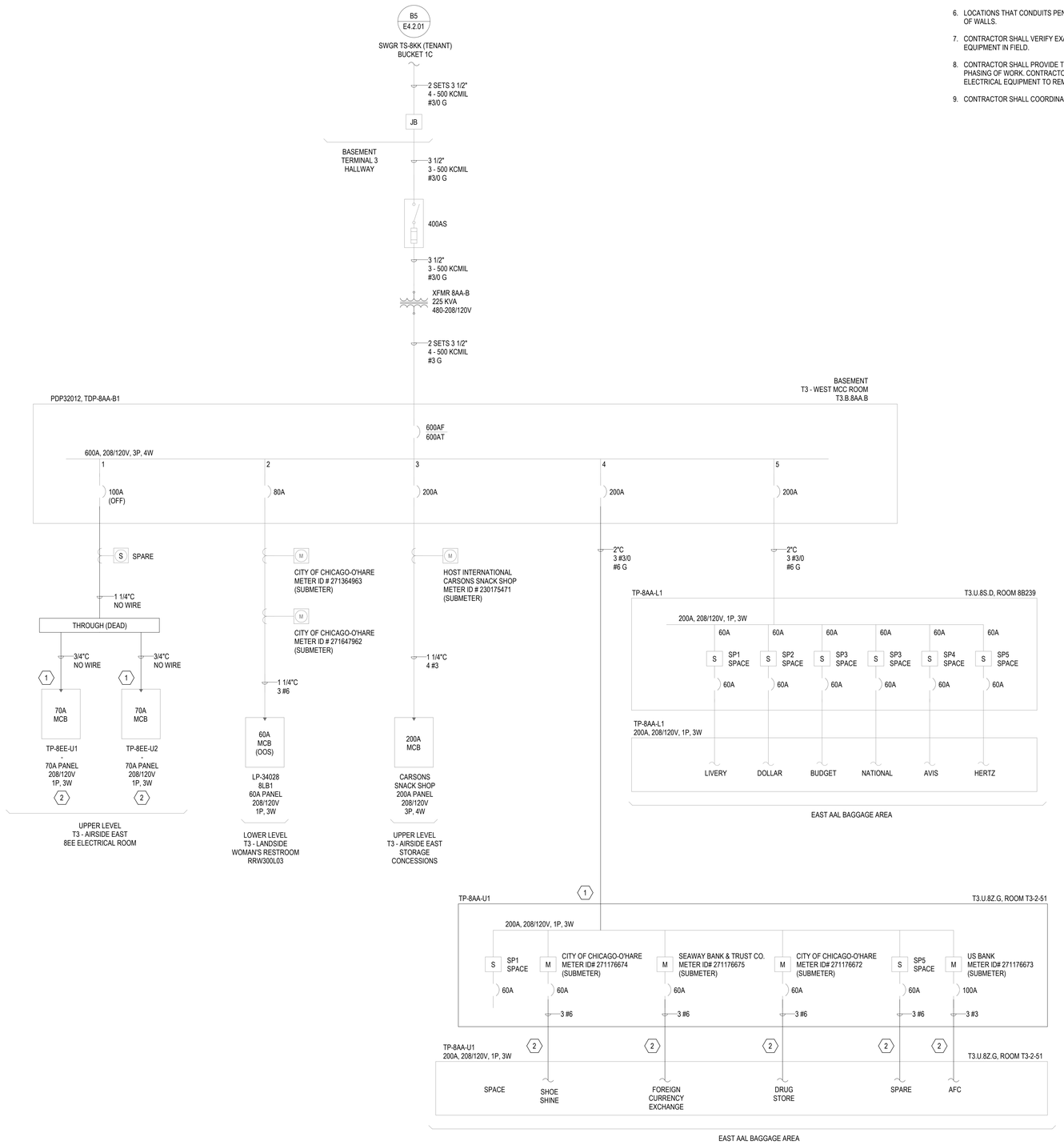

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
A member company of SH Group, Inc.

MILHOUSE

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SLD NC-5612
PDP32012

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
E4.2.09

3/20/2023 12:33:36 AM

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KEYED NOTES #

1 PROVIDE NEW CIRCIT BREAKER AS SHOWN IN EXISTING SPACE AND USE TO FEED NEW BHS DISTRIBUTION. PROVIDE NEW FEEDER TO NEW BHS PDP. REFER TO ENLARGED AND OVERALL PLANS FOR LOCATION OF NEW AND EXISTING EQUIPMENT.

GENERAL NOTES

1. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
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3. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ELECTRICAL DEVICES AND EQUIPMENT IN FIELD. HATCHED EQUIPMENT AND ASSOCIATED FEEDERS ARE TO BE DEMOLISHED, NON-HATCHES EQUIPMENT AND FEEDERS ARE TO EXISTING TO REMAIN.
4. CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED FOR THE PHASING OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING ELEC TO REMAIN.
5. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.
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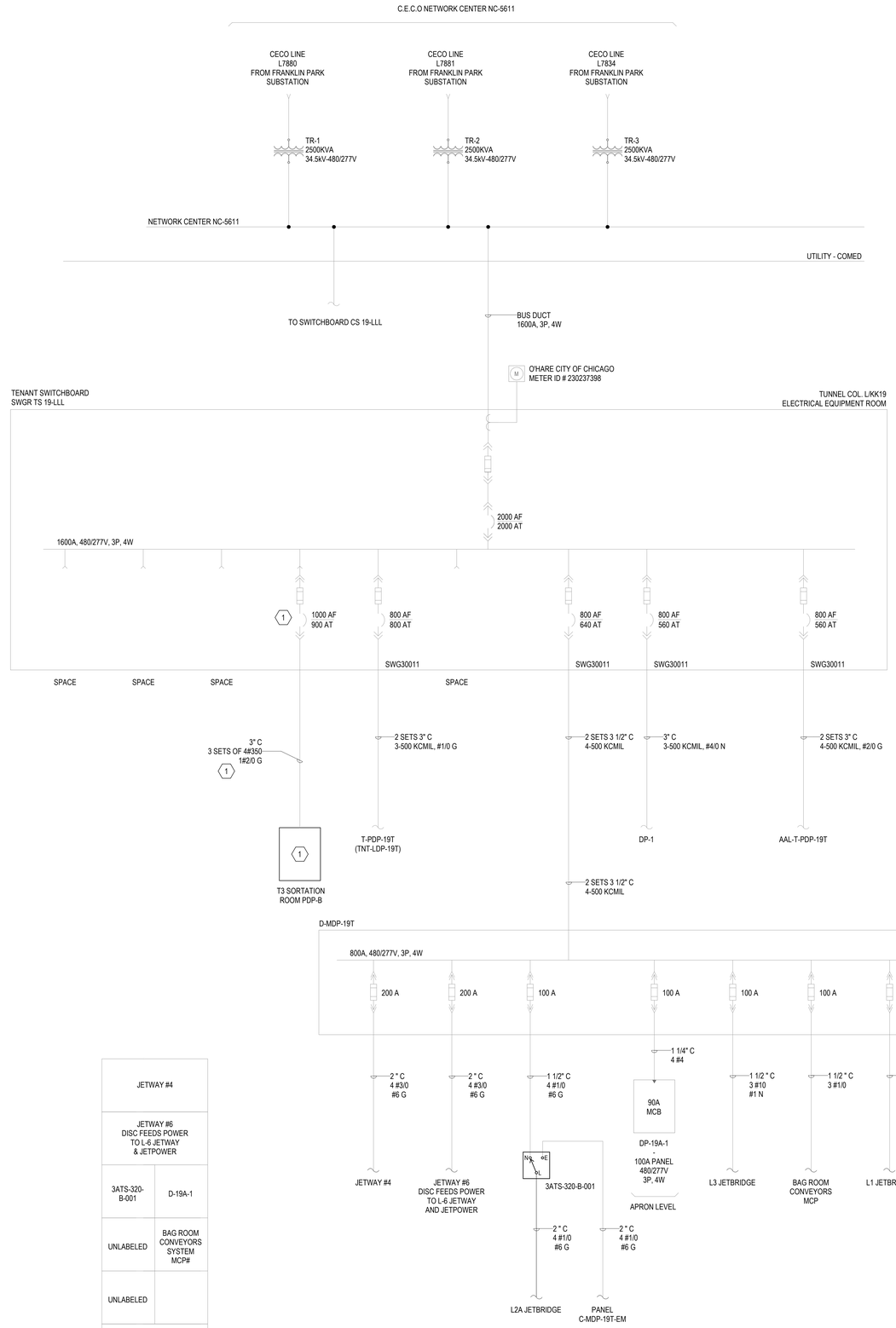

SPACE	SPACE	SPACE
SERVICE DISCONNECT SWGR TS 19-LLL		DELTA D-MDP-19T
SPACE		MCDONALDS-L 300KVA XFMR PENTHOUSE 800A/400AT 480V, 3P, 4W
SPACE	T-PDP-19 (TNT-LDP-19T)	AAL-T-PDP-19T 800A PLO 277/480V

FRONT ELEVATION
TENANT SWITCHGEAR TS 19-LLL

JETWAY #4	
JETWAY #6 DISC FEEDS POWER TO L-6 JETWAY & JETPOWER	
3ATS-320-B-001	D-19A-1
UNLABELED	BAG ROOM CONVEYORS SYSTEM MCP#
UNLABELED	
D-PDP-19T	
SPACE	

PANEL D-MDP-19T
480/277V

1A SLD NC-5611 TENANT SWITCHBOARD SWGR. TS-19-LLL
NTS

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SLD NC-5611 TENANT SWGR TS-19-LLL AND D-MDP-19T

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VOLUME: **3**
E4.2.10

3/20/2023 12:33:47 AM

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KEYED NOTES #

1 PROVIDE NEW CIRCUIT BREAKER AS SHOWN IN EXISTING SPACE AND USE TO FEED NEW BATTERY CHARGING PANEL. PROVIDE NEW FEEDER TO NEW PANEL. REFER TO ENLARGED AND OVERALL PLANS FOR LOCATION OF NEW AND EXISTING EQUIPMENT.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
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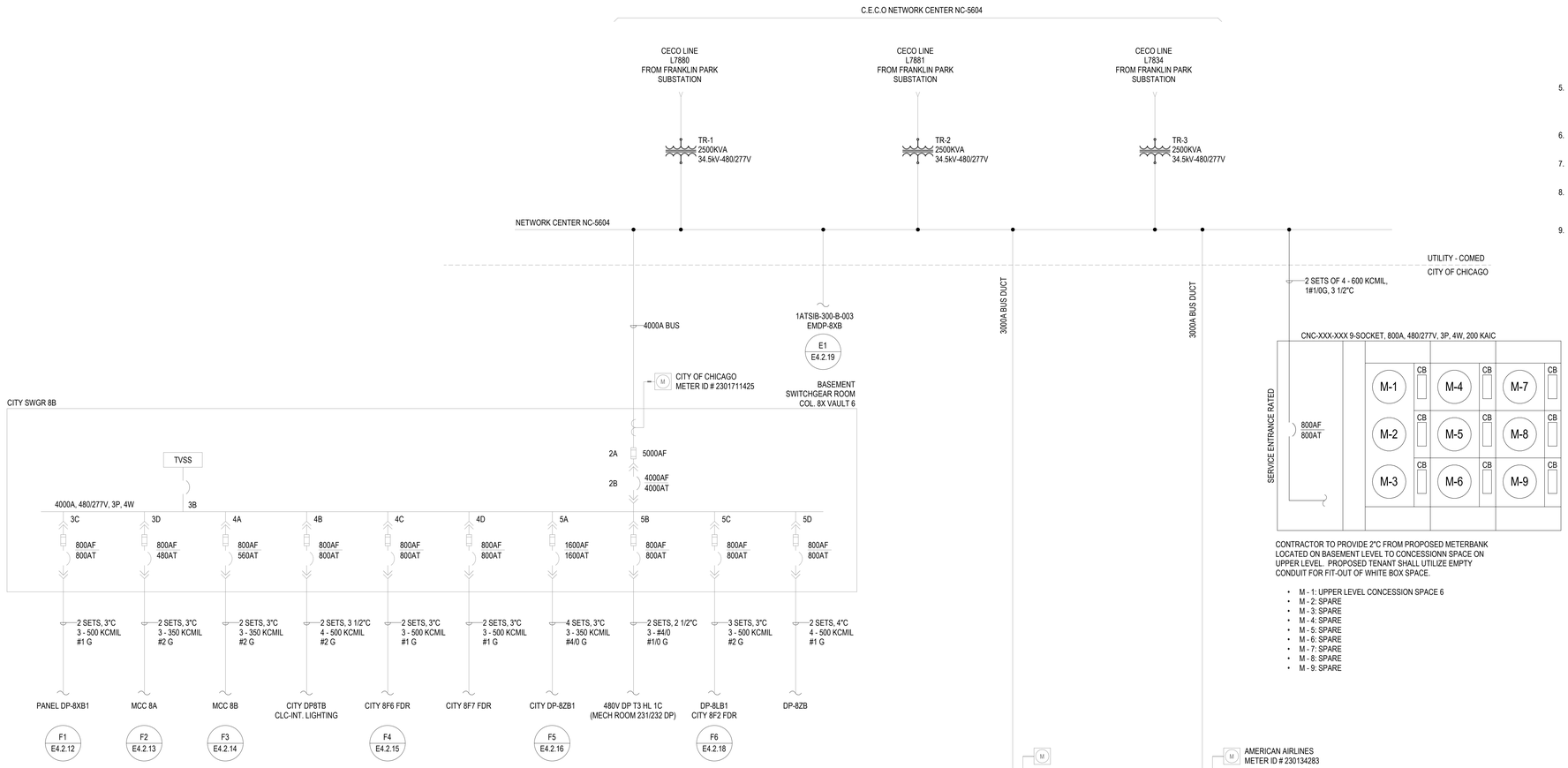

CONTRACTOR TO PROVIDE 2"C FROM PROPOSED METERBANK LOCATED ON BASEMENT LEVEL TO CONCESSIONN SPACE ON UPPER LEVEL. PROPOSED TENANT SHALL UTILIZE EMPTY CONDUIT FOR FIT-OUT OF WHITE BOX SPACE.

- M - 1: UPPER LEVEL CONCESSION SPACE 6
- M - 2: SPARE
- M - 3: SPARE
- M - 4: SPARE
- M - 5: SPARE
- M - 6: SPARE
- M - 7: SPARE
- M - 8: SPARE
- M - 9: SPARE

		5000A MAIN FUSE TRUCK	3A METERING	4A MCC 8B	5A CITY DP-82B1
			3B TVSS	4B CITY DP8TB	5B 480V DPT3 HL 1C
		CITY MAIN BRK	3C PNL-DP-8XB1	4C CITY 8F6	5C DP-8LB1 CITY 8F2
			3D MCC-8A	4D CITY 8F7	5D DP-8ZB

FRONT ELEVATION
CITY SWITCHHGEAR 8B

1A PUBLICAN TAVERN DP	2A METERING			3A METERING	4A SPACE
1B CECO 8F1 FDR	2B MAIN BREAKER CONCESSIONS			3B MAIN BREAKER TENANT	4B SPACE
1C CONCESSIONS FDR	2C TVSS				4C PANEL AAL-9D-5D/BU
1D SPARE	2D PANEL CP-8ZB			3C TVSS	4D TDP-8ZB1

FRONT ELEVATION
CONCESSIONS / TENANT SWITCHGEAR 8B

1A SLD NC-5604 CITY SWGR 8B AND CONCESSION / TENANT SWGR 8B
NTS

3/20/2023 12:33:58 AM

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SLD NC-5604 CITY SWGR 8B AND CONCESSION / TENANT SWGR 8B

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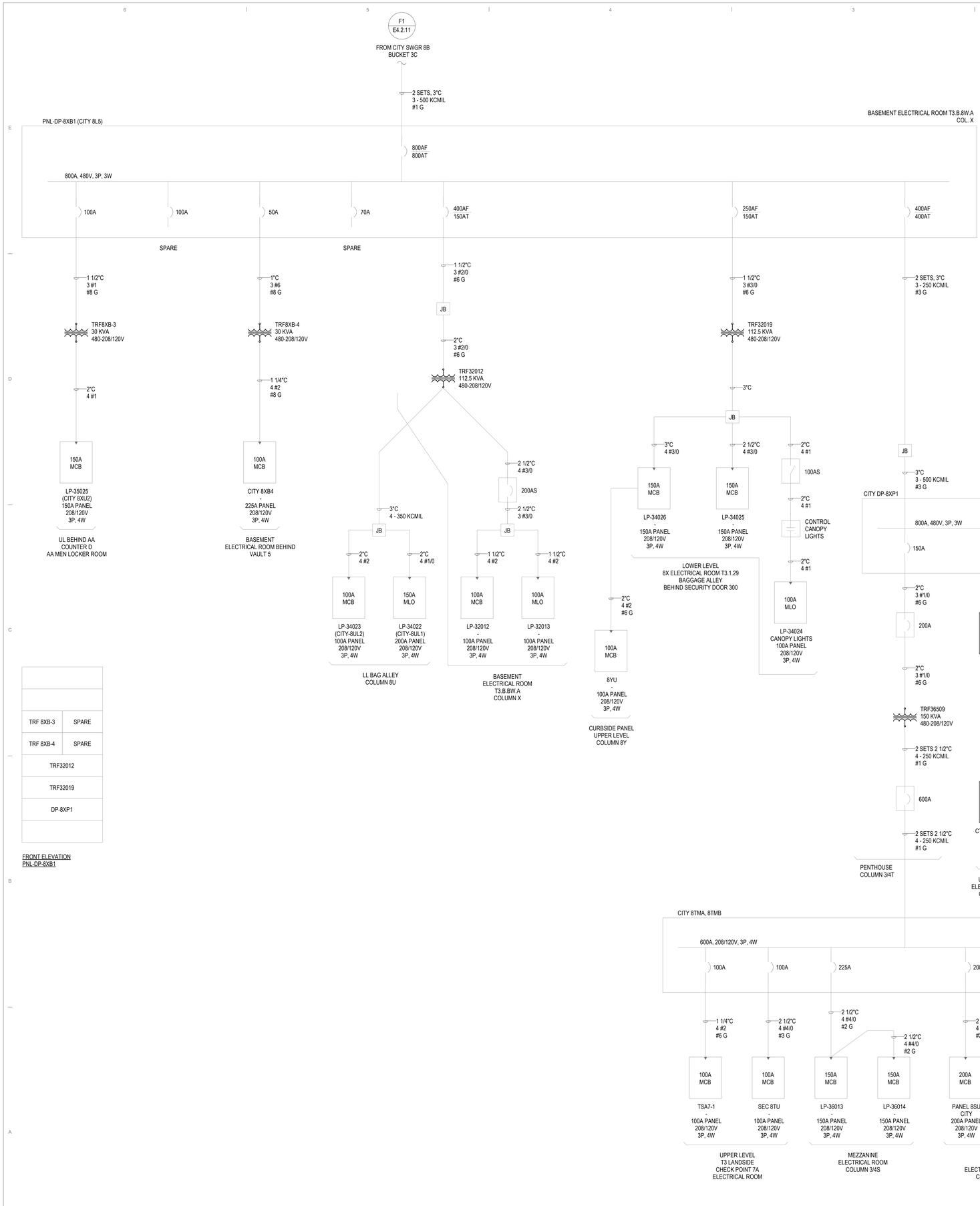

TRF 8XB-3	SPARE
TRF 8XB-4	SPARE
TRF32012	
TRF32019	
DP-8XP1	

FRONT ELEVATION
PNL-DP-8XB1

1A SLD NC-5604 PNL-DP-8XB1 (CITY 8L5) AND CITY DP-8XP1

NTS

KEYED NOTES #

1. PROVIDE NEW 100A, 3 POLE, 3 PHASE CIRCUIT BREAKER IN EXISTING PANEL SPACE. CONTRACTOR IS TO VERIFY OVERCURRENT PROTECTION DEVICE TYPE IN THE FIELD AND ENSURE COMPATBILITY WITH THE EXISTING DISTRIBUTION PANEL.
2. PROVIDE NEW 70A, 3 POLE, 3 PHASE CIRCUIT BREAKER IN EXISTING PANEL SPACE. CONTRACTOR IS TO VERIFY OVERCURRENT PROTECTION DEVICE TYPE IN THE FIELD AND ENSURE COMPATBILITY WITH THE EXISTING DISTRIBUTION PANEL.
3. CONTRACTOR TO PROVIDE NEW PANEL, TRANFORMER, RACEWAY, CONDUIT, CONDUCTORS, AND ASSOCAITED APPURTENANCES FROM SOURCE TO PROPOSED PANEL LOCATION.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
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SLD NC-5604 PNL-DP-8XB1 (CITY 8L5) AND CITY DP-8XP1

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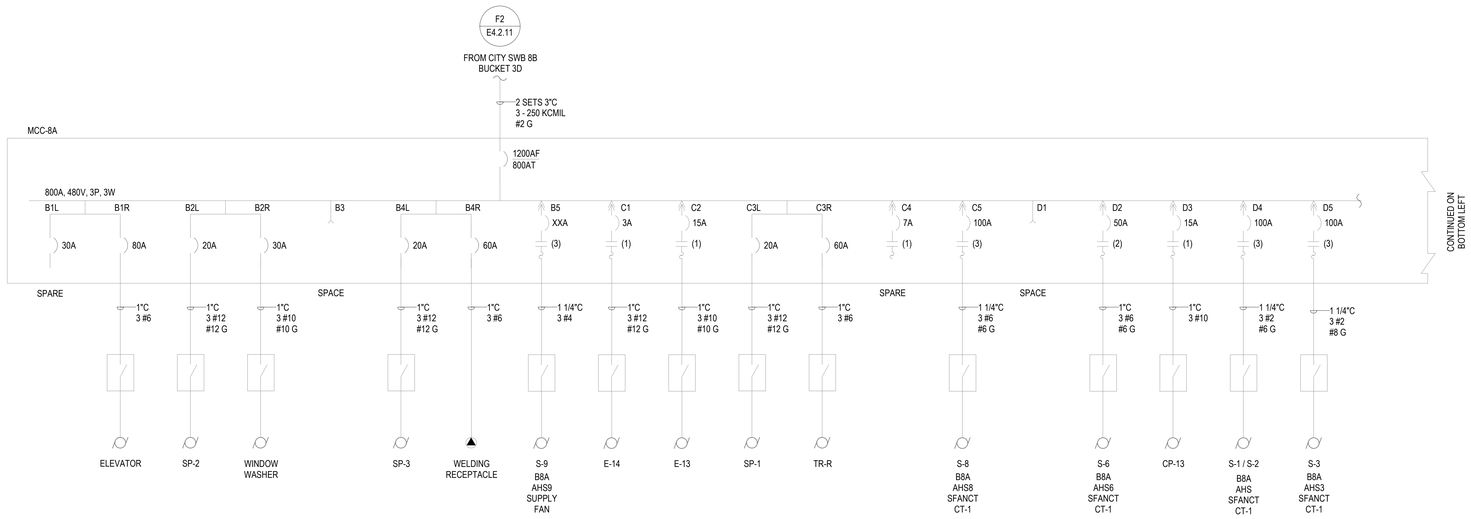

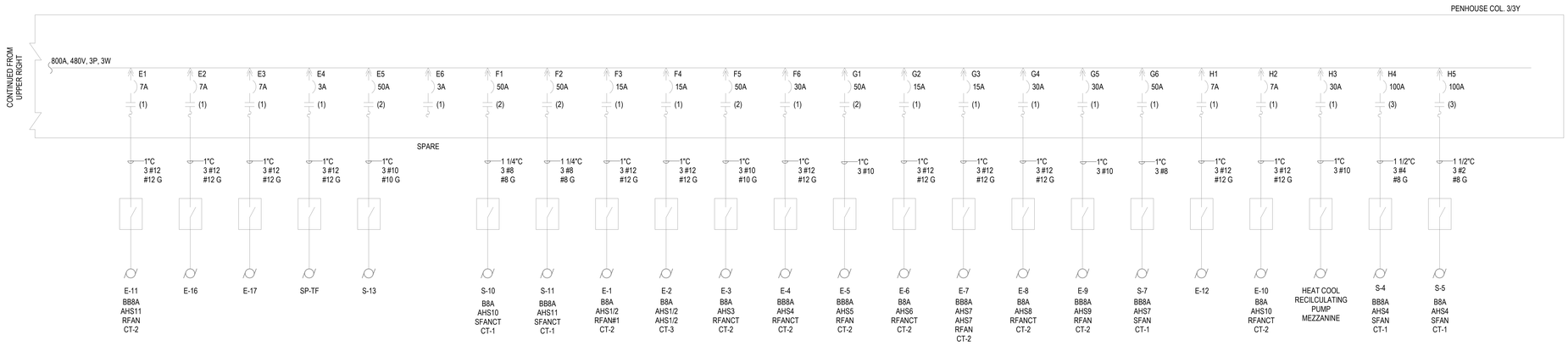

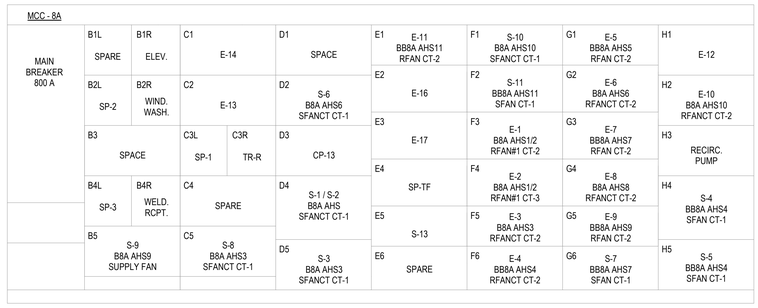

FRONT ELEVATION
MOTOR CONTROL CENTER MCC-8A

1A SLD NC-5604 MCC-8A
NTS

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SLD NC-5604 MCC-8A

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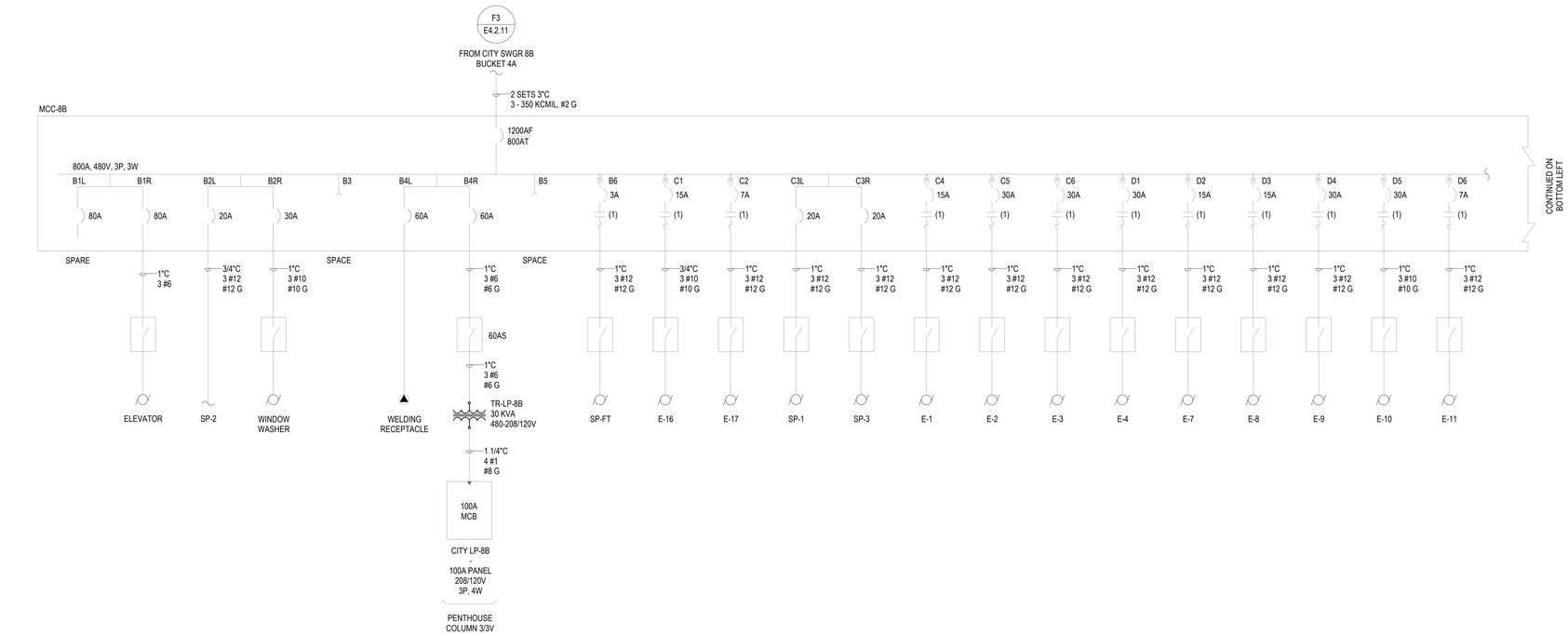
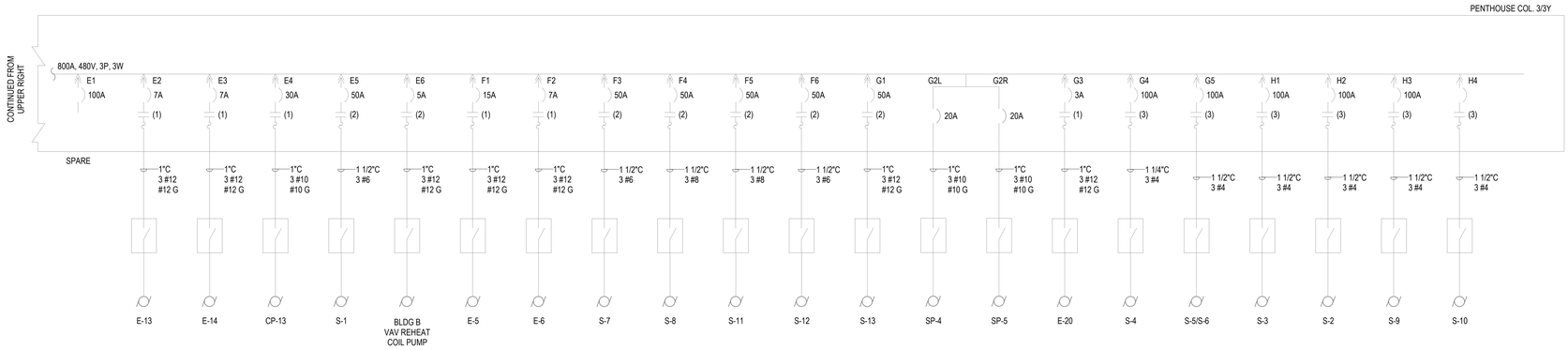
KEYED NOTES #





MCC - 8B

MAIN BREAKER 800 A	B1L SPARE	B1R ELEV.	C1 E-16	D1 E-4	E1 SPARE	F1 E-5	G1 S-13	H1 S-3
	B2L SP-2	B2R WIND. WASH.	C2 E-17	D2 E-7	E2 E-13	F2 E-6	G2L SP-4 / G2R SP-5	H2 S-2
	B3 SPACE		C3L SP-1 / C3R SP-3	D3 E-8	E3 E-14	F3 S-7	G3 E-20	
	B4L WELD RCPT.	B4R TR-R	C4 E-1	D4 E-9	E4 CP-13	F4 S-8	G4 S-4	H3 S-9
	B5 SPARE		C5 E-2	D5 E-10	E5 S-1	F5 S-11	G5 S-5 / S-6	H4 S-10
	B6 SP-FT		C6 E-3	D6 E-11	E6 BLDG B VAV REHEAT COIL PUMP	F6 S-12		

FRONT ELEVATION
MOTOR CONTROL CENTER MCC-8B

1A SLD NC-5604 MCC-8B
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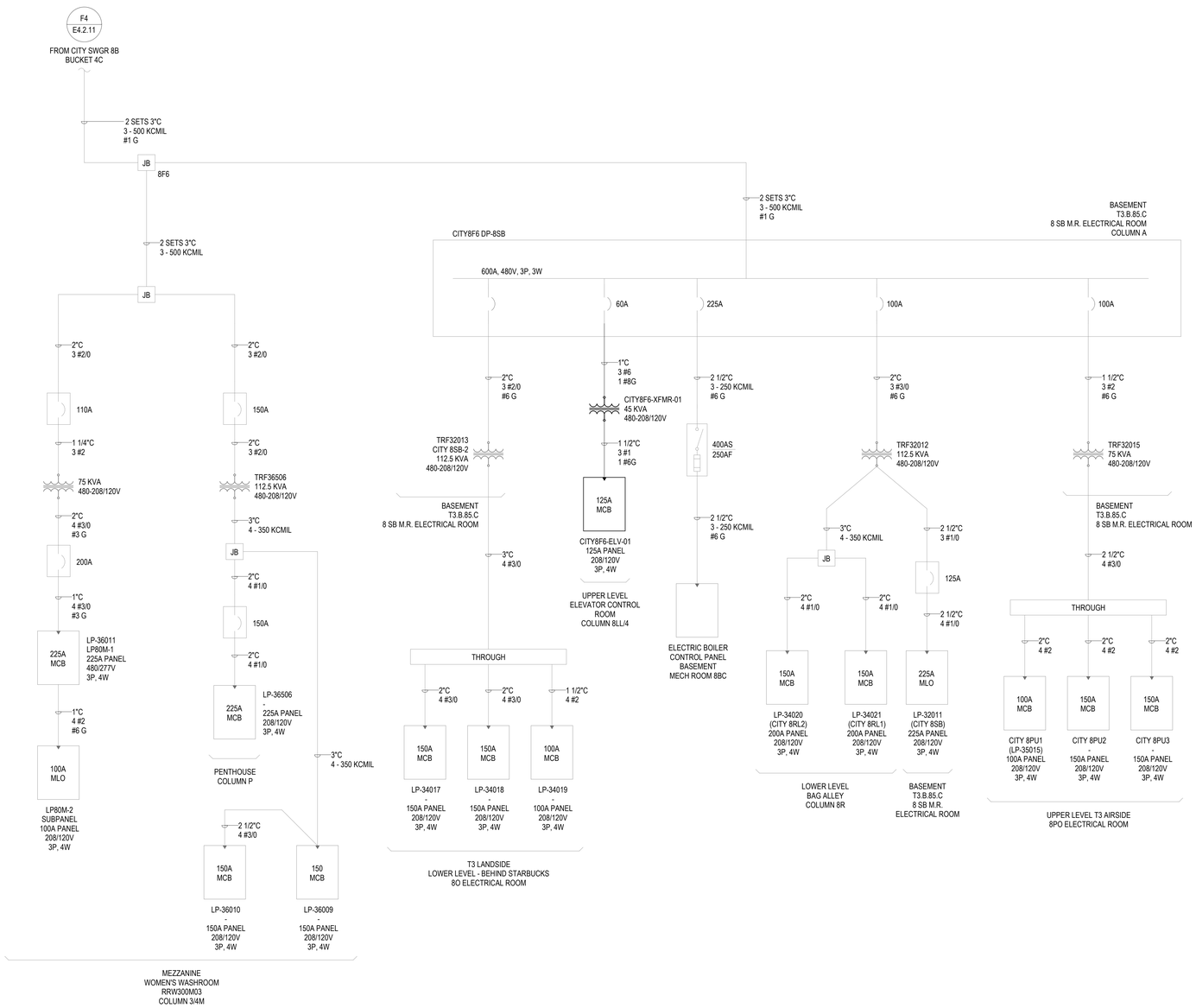

CITY 8SB-2	
SPARE	ELEC. BOILER MECH RM 8BC
TRF 32012	TRF 32015

FRONT ELEVATION
CITY 8F6 DP-8SB

1A SLD NC-5604 CITY 8F6 DP-8SB
NTS

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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MILHOUSE

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **–**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SLD NC-5604 CITY 8F6 DP-8SB

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
E4.2.15

3/20/2023 12:34:36 AM

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KEYED NOTES #

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
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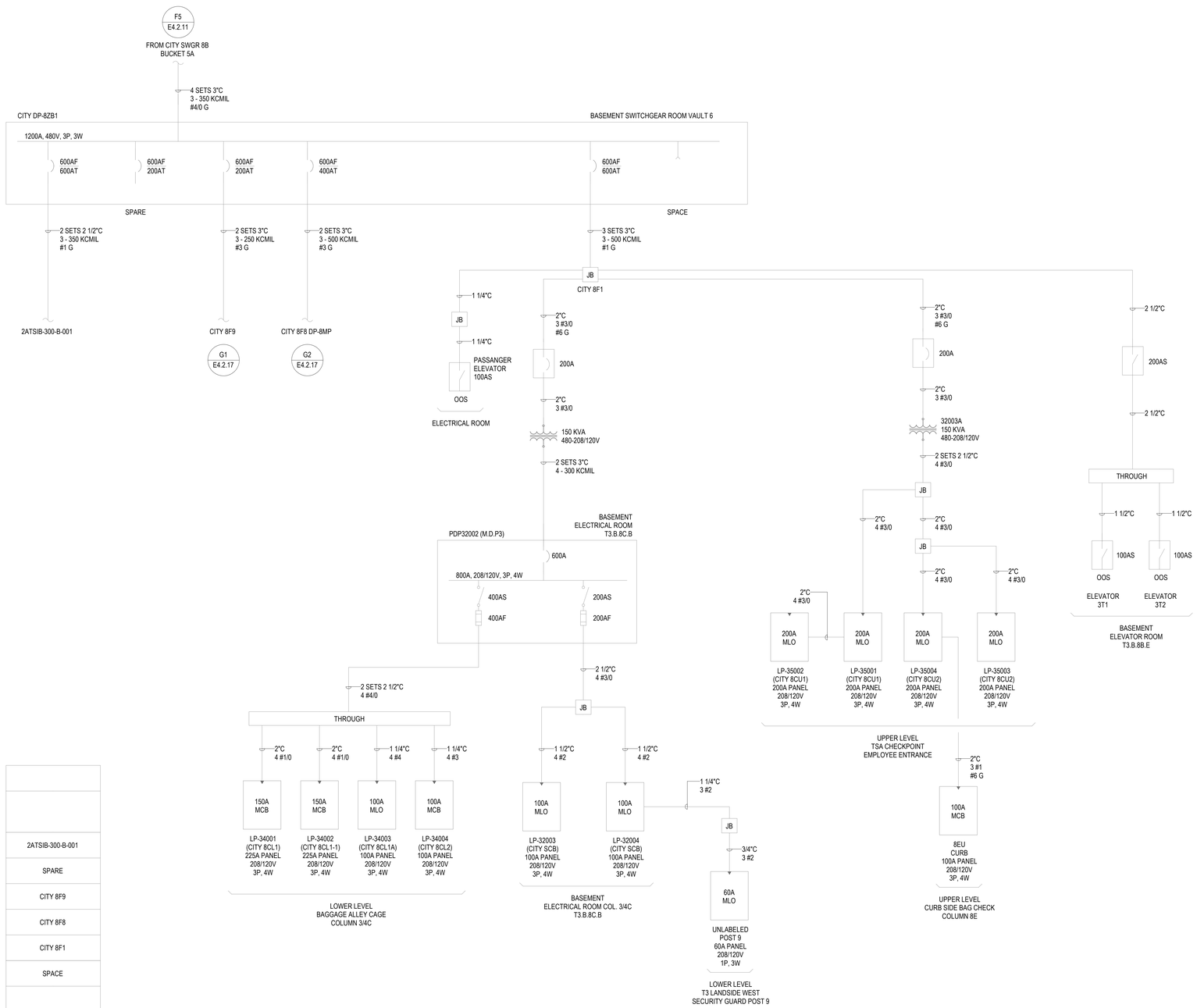

2ATSIB-300-B-001
SPARE
CITY 8F9
CITY 8F8
CITY 8F1
SPACE

FRONT ELEVATION
CITY DP-8ZB1

1A SLD NC-5604 CITY DP-8ZB1
NTS

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SLD NC-5604 CITY DP-8ZB1

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CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
E4.2.16

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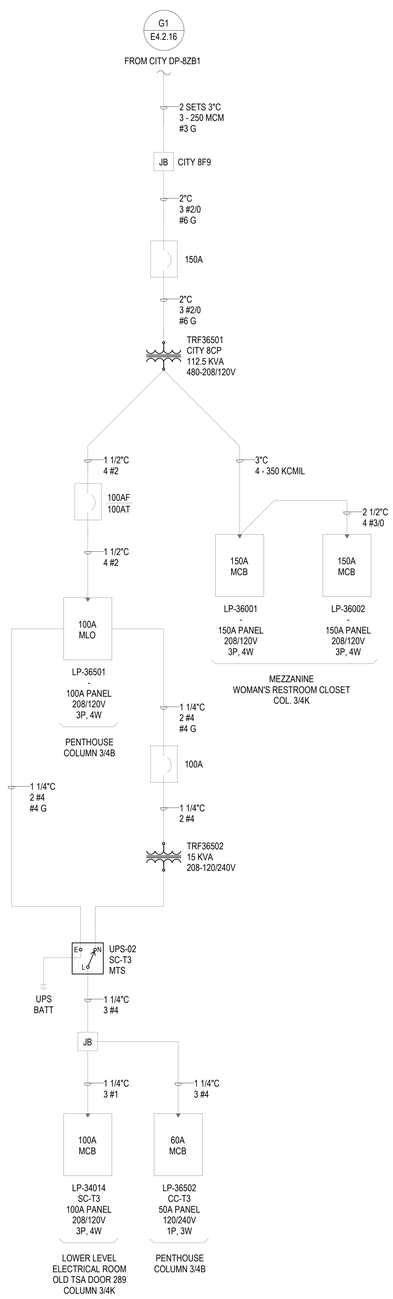

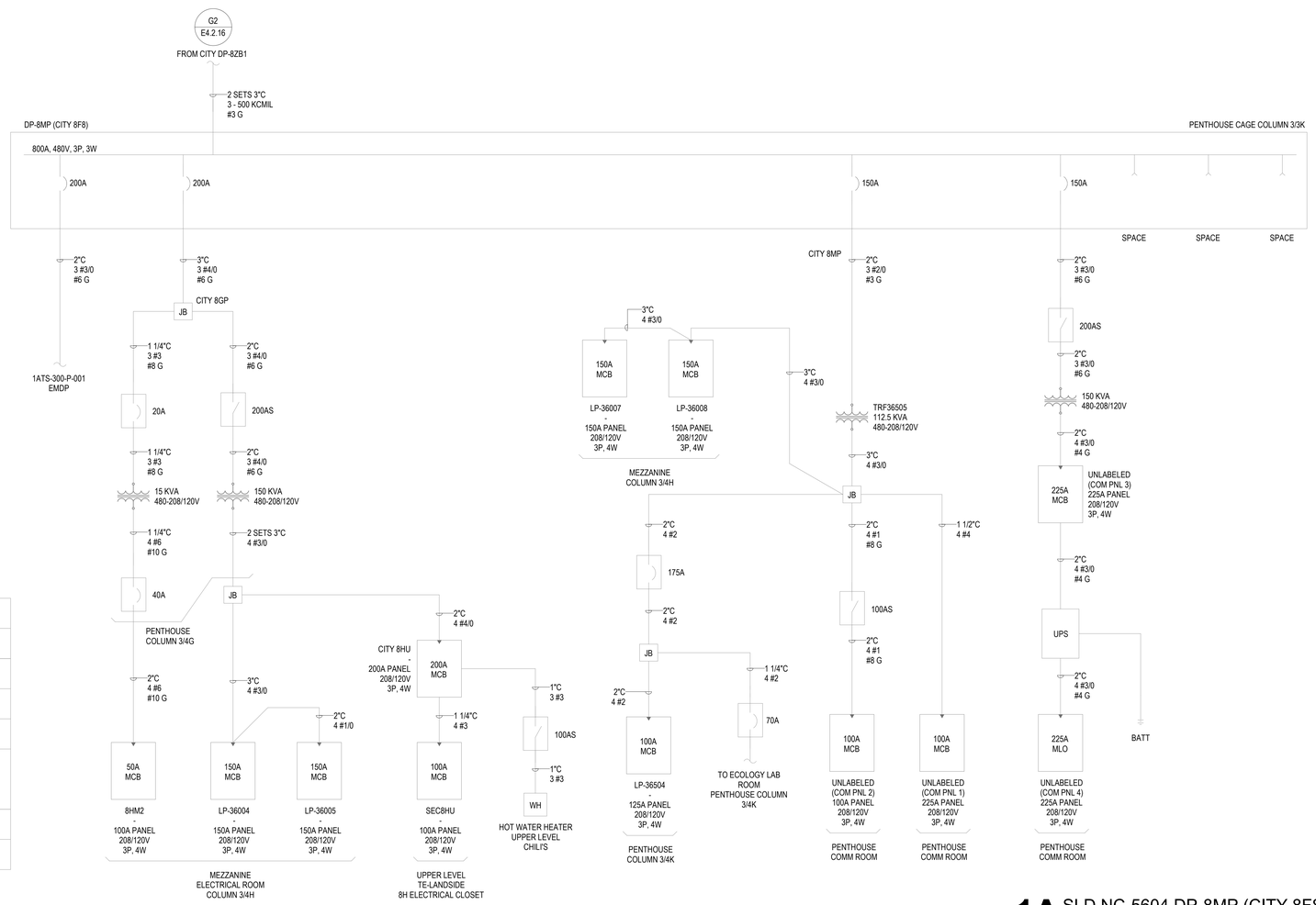

EMDP	CITY 8GP
CITY 8MP	UPS
SPACE	
SPACE	
SPACE	

FRONT ELEVATION
DP-8MP (CITY 8F8)

6A SLD NC-5604 CITY 8F9 FEEDERS
NTS

1A SLD NC-5604 DP-8MP (CITY 8F8)
NTS

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CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

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SLD NC-5604 DP-8MP (CITY 8F8) AND CITY 8F9 FEEDERS

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER VOLUME: **3**
E4.2.17

KEYED NOTES #

1 PROVIDE NEW PANEL AND FEEDER TO REPLACE EXISTING PANEL BEING RELOCATED. EXTEND EXISTING BRANCH CIRCUITS TO NEW LOCATION. REFER TO PLANS FOR MORE INFORMATION

GENERAL NOTES

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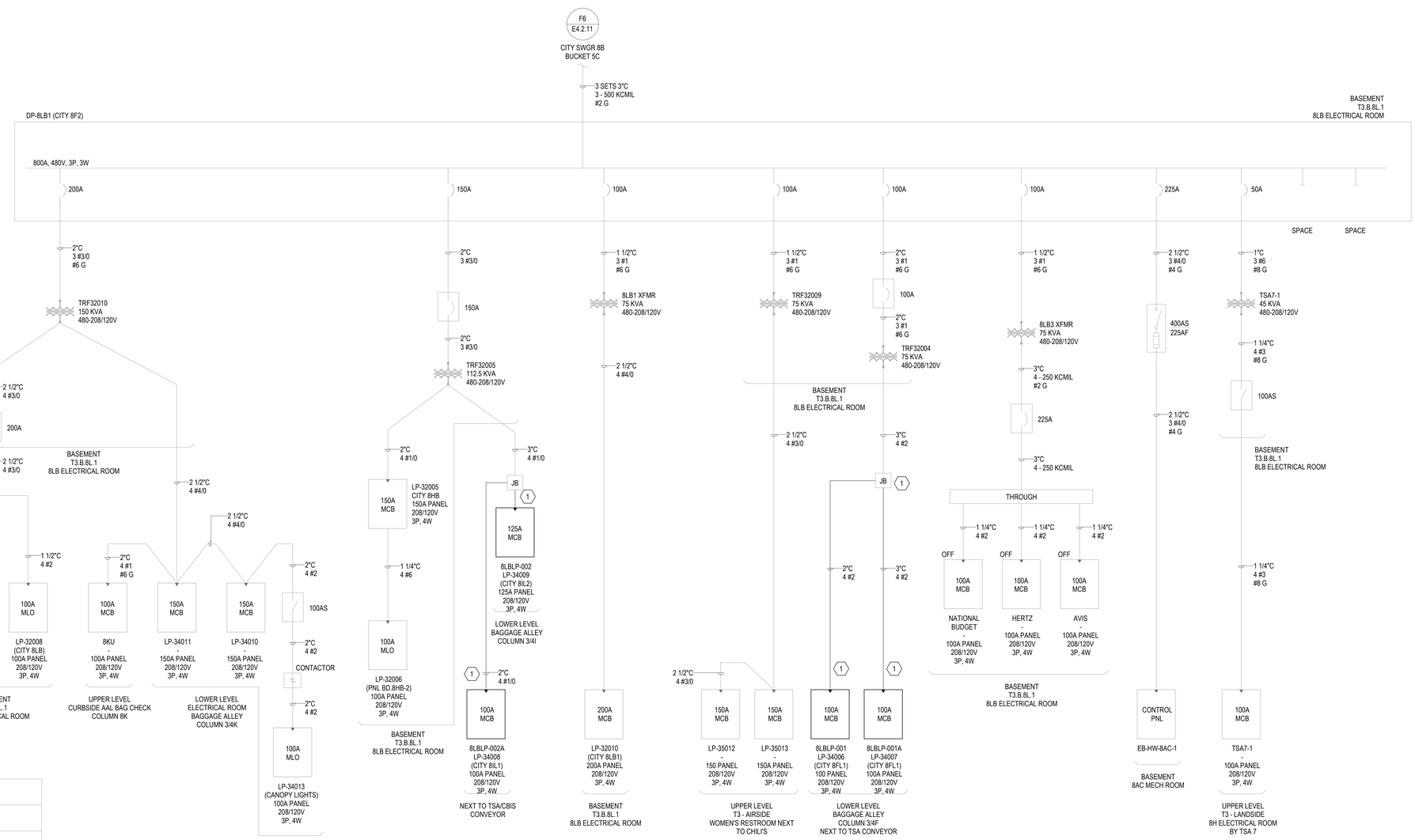

TRF32010	TRF32005
8LB1 XFMR	TRF32009
TRF32004	8LB3 XFMR
EB-HW-8AC-1	TSA7-1
SPACE	
SPACE	

FRONT ELEVATION
DP-8LB1 (CITY 8F2)

1A SLD NC-5604 DP-8LB1 (CITY 8F2)
NTS

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CITY OF CHICAGO
LORI LIGHTFOOT
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SLD NC-5604
DP-8LB1 (CITY 8F2)

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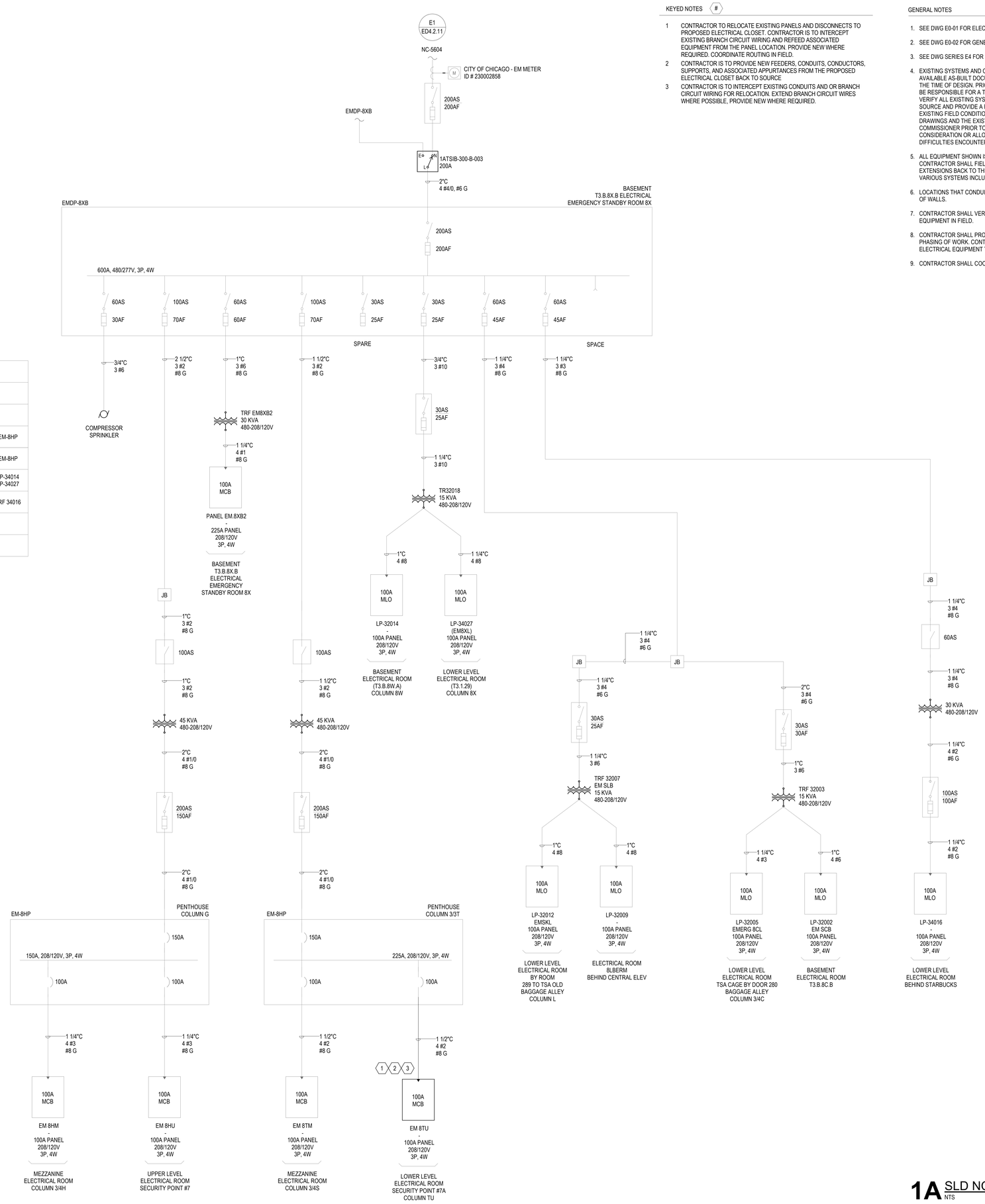
SHEET NUMBER VOLUME: **3**
E4.2.18



MAIN	
COMPRESSOR SPRINKLER	EM-8HP
PANEL EM.8XB2	EM-8HP
SPARE	LP-34014 LP-34027
TRF 32007 TRF 3203	TRF 34016
SPARE	

FRONT ELEVATION
EMDP-8XB

KEYED NOTES

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3. CONTRACTOR IS TO INTERCEPT EXISTING CONDUITS AND OR BRANCH CIRCUIT WIRING FOR RELOCATION. EXTEND BRANCH CIRCUIT WIRES WHERE POSSIBLE, PROVIDE NEW WHERE REQUIRED.

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1A SLD NC-5604 EMDP-8XB
NTS

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EMDP-8XB

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SHEET NUMBER
VOLUME: **3**
E4.2.19

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KEYED NOTES #

1 CONTRACTOR TO RELOCATE EXISTING DISCONNECT TO PROPOSED ELECTRICAL CLOSET. COORDINATE ROUTING IN FIELD.

2 CONTRACTOR IS TO PROVIDE NEW FEEDERS, CONDUITS, CONDUCTORS, SUPPORTS, AND ASSOCIATED APPURTANCES FROM THE PROPOSED ELECTRICAL CLOSET BACK TO SOURCE

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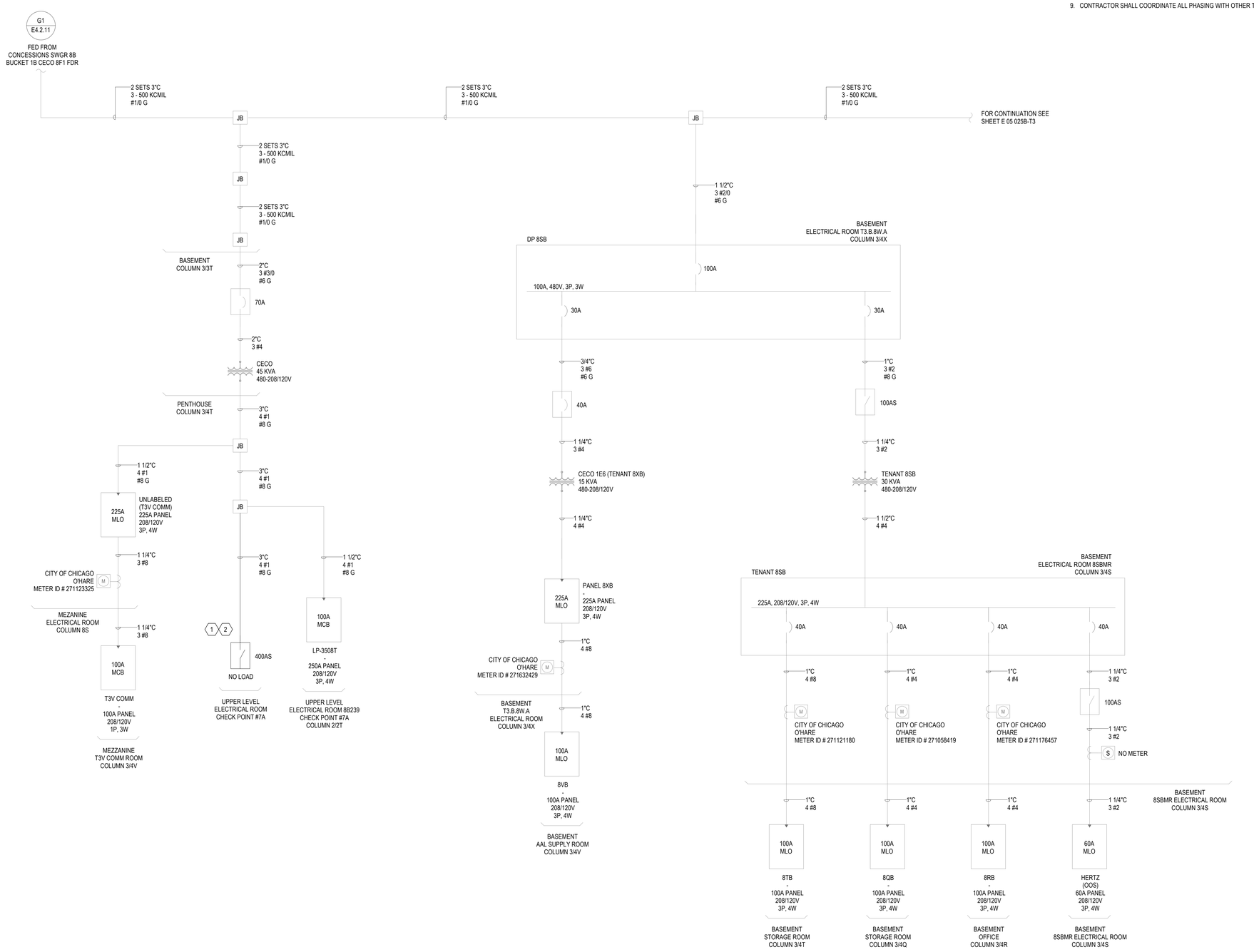

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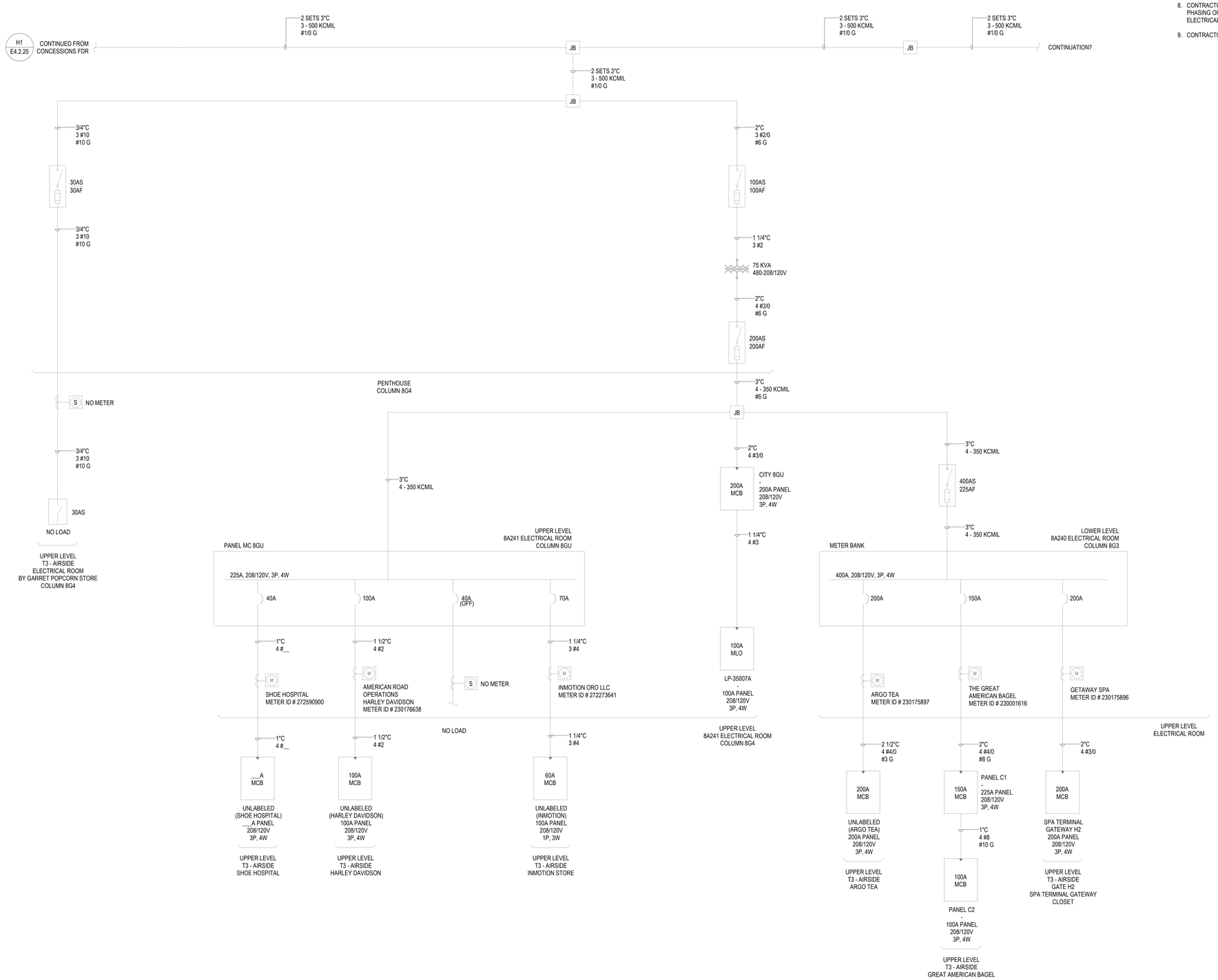

1A SLD NC-5604 PANEL MC 8GU
NTS

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SLD NC-5604 PANEL MC 8GU

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CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E4.2.21

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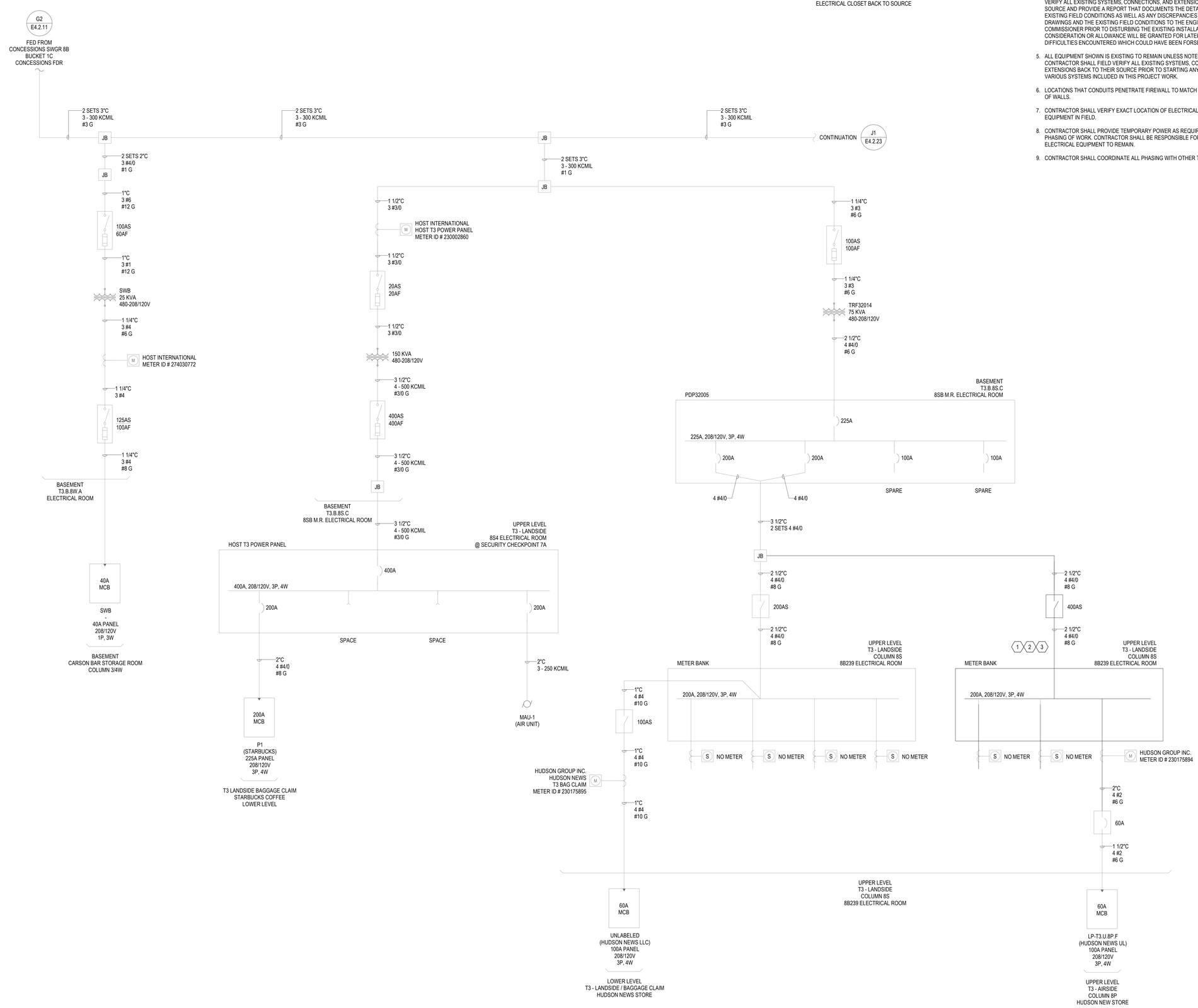
9. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.



1A SLD NC-5604 PDP32005
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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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MILHOUSE

NOTES

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NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SLD NC-5604
PDP32005

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CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
E4.2.22

3/20/2023 12:35:47 AM

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KEYED NOTES #

1 EXISTING ELECTRICAL CONDUIT TO BE RE-LOCATED. CONTRACTOR TO CORDINATE EXACT PROPOSED ROUTE IN FIELD.

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
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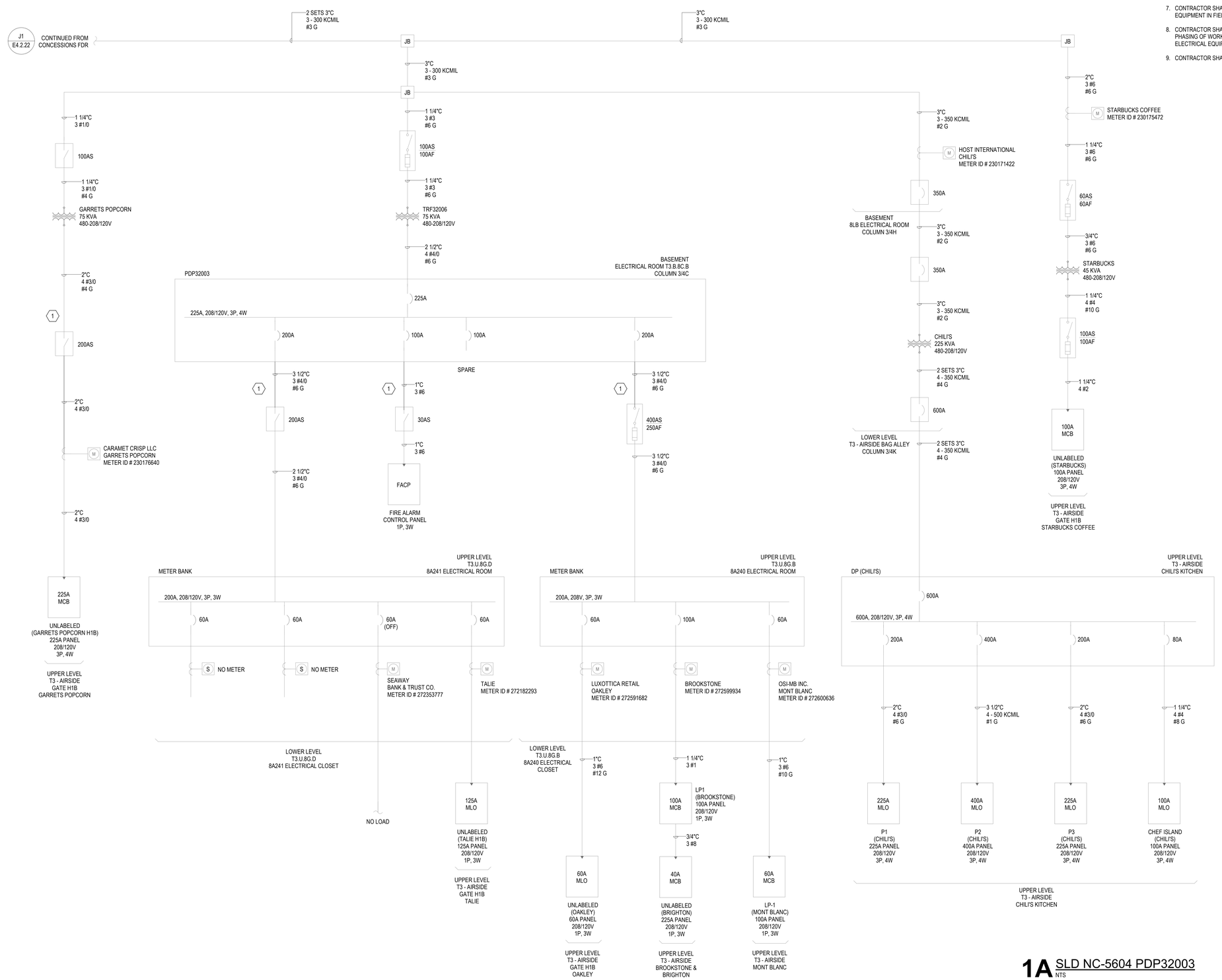

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MILHOUSE

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SLD NC-5604
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CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
E4.2.23

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KEYED NOTES #

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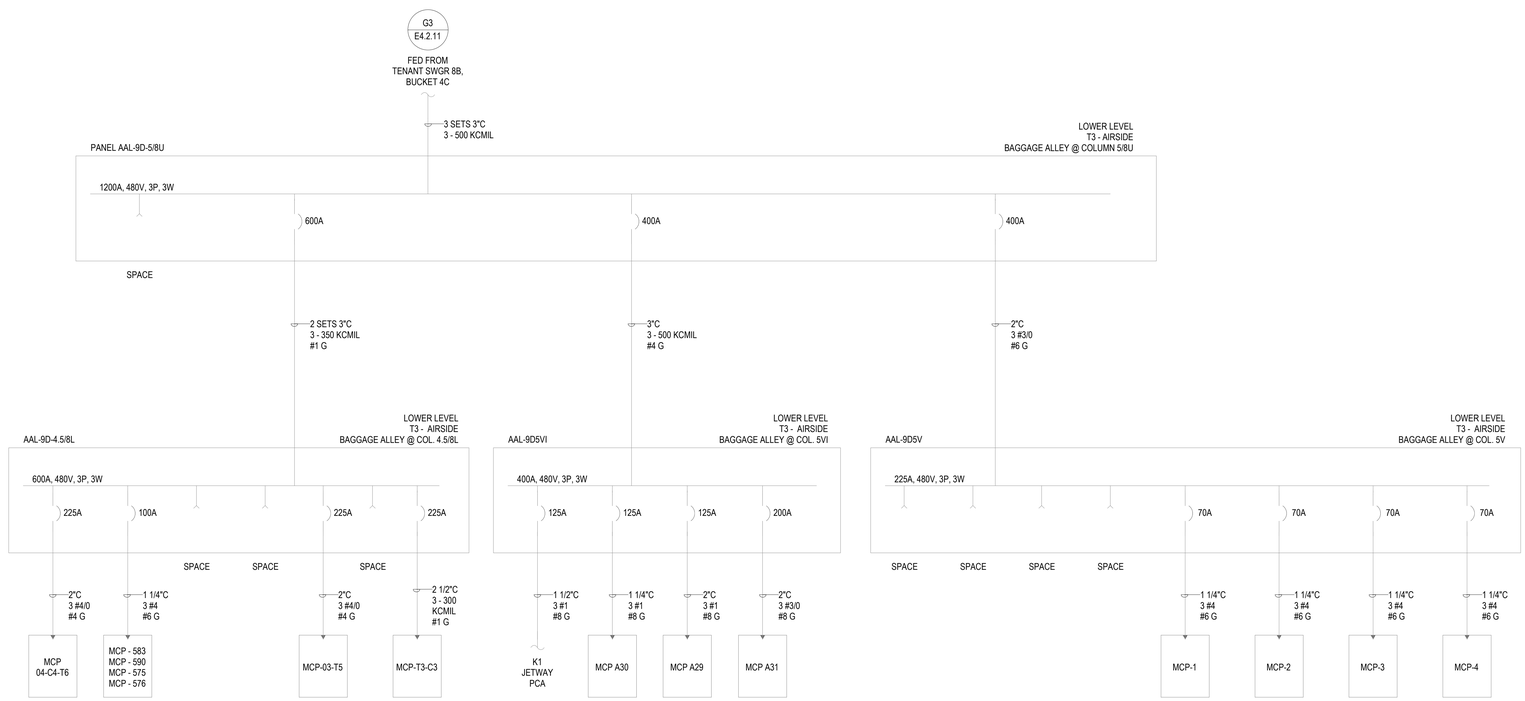

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NEW EXHAUST FAN SCHEDULE

MARK	LOCATION	SERVICE	HP	Voltage	PhaseElec	Drive	MANUFACTURER & MODEL	Notes	OCDP SIZE	OCDP POLE	CABLE	CONDUIT	DISCONNECT SIZE	DISCONNECT POLE	DISCONNECT FUSE
TEF-1	PENTHOUSE A	LOWER, UPPER & MEZZ RESTROOMS	5	460 V	3	DIRECT DRIVE	GREENHECK - SQ-22		15	3	3 #10, #10G	1/2"	30	3	UN-FUSED
TEF-2	PENTHOUSE C	UPPER & MEZZ RESTROOMS	5	460 V	3	DIRECT DRIVE	GREENHECK - SQ-22		15	3	3 #10, #10G	1/2"	30	3	UN-FUSED
TEF-3	PENTHOUSE B	LOWER, UPPER & MEZZ RESTROOMS	5	460 V	3	DIRECT DRIVE	GREENHECK - SQ-22		15	3	3 #10, #10G	1/2"	30	3	UN-FUSED
EF-BM1	LOWER LEVEL	LOWER LEVEL EAST BAGROOM	15	480 V	3	DIRECT DRIVE	GREENHECK - AX-90		45	3	3 #8, #10G	3/4"	60	3	UN-FUSED
EF-BM2	LOWER LEVEL	LOWER LEVEL EAST BAGROOM	15	480 V	3	DIRECT DRIVE	GREENHECK - AX-90		45	3	3 #8, #10G	3/4"	60	3	UN-FUSED
EF-SL-7	PENTHOUSE L-STINGER	LOWER - L-STINGER	5	480 V	3	DIRECT DRIVE	GREENHECK - QEID-24		15	3	3 #10, #10G	1/2"	30	3	UN-FUSED
EF-UL-1	UPPER GATE	GATE PRESSURIZATION	0	120 V	1	DIRECT DRIVE	GREENHECK - SQ-100-VG								
EF-UL-2	UPPER GATE	GATE PRESSURIZATION	0	120 V	1	DIRECT DRIVE	GREENHECK - SQ-100-VG								

NEW RETURN FAN SCHEDULE

MARK	LOCATION	SERVICE	HP	Voltage	Phase Elec	Drive	MANUFACTURER & MODEL	Notes	OCPD SIZE	OCPD POLE	CABLE	CONDUIT	DISCONNECT SIZE	DISCONNECT POLE	DISCONNECT FUSE
RF-3	BLDG 8C P.H.	UPPER LEVEL 4-5 / 8FF-8KK	15	460 V	3	MIXED FLOW	GREENHECK - QEID-27	1 THRU 9	45	3	3 #8, #10G	3/4"	60	3	UN-FUSED
RF-4	BLDG 8C P.H.	UPPER LEVEL 2-5 / 8HH-8LL	15	460 V	3	MIXED FLOW	GREENHECK - QEID-27	1 THRU 9	45	3	3 #8, #10G	3/4"	60	3	UN-FUSED
RF-5	BLDG 8C P.H.	UPPER LEVEL 3-4 / 8HH-8KK AND MEZZ LEVEL 3-4 / 8AA-8KK	15	460 V	3	MIXED FLOW	GREENHECK - QEID-27	1 THRU 9	45	3	3 #8, #10G	3/4"	60	3	UN-FUSED
RF-6	BLDG 8C P.H.	LOWER LEVEL 2-5 / 8Y-8GG	15	460 V	3	MIXED FLOW	GREENHECK - QEID-27	1 THRU 9	45	3	3 #8, #10G	3/4"	60	3	UN-FUSED
EF-SL-7	PENTHOUSE L-STINGER	LOWER - L-STINGER	5	480 V	3	DIRECT DRIVE	GREENHECK - QEID-24		15	3	3 #10, #10G	1/2"	30	3	UN-FUSED
EF-UL-1	UPPER GATE	GATE PRESSURIZATION	0	120 V	1	DIRECT DRIVE	GREENHECK - SQ-100-VG								
EF-UL-2	UPPER GATE	GATE PRESSURIZATION	0	120 V	1	DIRECT DRIVE	GREENHECK - SQ-100-VG								

MODULAR INDOOR AIR HANDLING UNIT SCHEDULE - CHILLED WATER / HOT WATER

MARK	AREA SERVED	LOCATION	TYPE	ELECTRICAL DATA V	PH	FREQ (HZ)	FLA	MCA	MOCP	BASIS OF DESIGN MANUFACTURER	MODEL	NOTES	OCPD SIZE	OCPD POLE	CABLE	CONDUIT	DISCONNECT SIZE	DISCONNECT POLE	DISCONNECT FUSE
AHU-3		PENTHOUSE C		460	3	60	33.0	34.0	0.0	NORTEK	CSU-25K HW/CHW		50	3	3 #8, #10G	3/4"	60	3	UN-FUSED
AHU-4		PENTHOUSE C		460	3	60	33.0	34.0	0.0	NORTEK	CSU-25K HW/CHW		50	3	3 #8, #10G	3/4"	60	3	UN-FUSED
AHU-5		PENTHOUSE C		460	3	60	33.0	34.0	0.0	NORTEK	CSU-25K HW/CHW		50	3	3 #8, #10G	3/4"	60	3	UN-FUSED
AHU-6		PENTHOUSE C		460	3	60	33.0	34.0	0.0	NORTEK	CSU-25K HW/CHW		50	3	3 #8, #10G	3/4"	60	3	UN-FUSED

NEW AIR HANDLING UNIT SCHEDULE - HOT WATER HEATING AND VENTILATION ONLY

MARK	AREA SERVED	LOCATION	HP	ELECTRICAL DATA V	PH	FREQ (HZ)	FLA	MCA	MOCP	BASIS OF DESIGN MANUFACTURER	MODEL	NOTES	OCPD SIZE	OCPD POLE	CABLE	CONDUIT	DISCONNECT SIZE	DISCONNECT POLE	DISCONNECT FUSE
AHU-1-LL	LOWER LEVEL EAST BAGROOM	LOWER LEVEL	30	460	3	60	39.0	41.0	45.0	NORTEK	CSU-25K HW		60	3	3 #6, #10G	1"	60	3	UN-FUSED
AHU-2-LL	LOWER LEVEL EAST BAGROOM	LOWER LEVEL	30	460	3	60	39.0	41.0	45.0	NORTEK	CSU-25K HW		60	3	3 #6, #10G	1"	60	3	UN-FUSED
AHU-8A-S13	WEST END BAG ALLEY	PENTHOUSE	30	460	3	60	21.0	23.0	25.0	NORTEK	CSU-12K HW		30	3	3 #10, #10G	3/4"	30	3	UN-FUSED
AHU-SL-7	BAG ROOM L-STINGER	PENTHOUSE	30	460	3	60	39.0	41.0	45.0	NORTEK	CSU-25K HW		60	3	3 #6, #10G	1"	60	3	UN-FUSED

UNIT HEATER SCHEDULE - HOT WATER

MARK	SERVICE	LOCATION	TYPE	MOTOR DATA HP	V	PH	FREQ (HZ)	ELECTRICAL DATA V	PH	FREQ (HZ)	MOTOR	AMPS	BASIS OF DESIGN MANUFACTURER	MODEL	NOTES	OCPD SIZE	OCPD POLE	CABLE	CONDUIT	DISCONNECT SIZE	DISCONNECT POLE	DISCONNECT FUSE
UH-01	INBOUND BAGROOM	INBOUND BAGROOM	VERTICAL AIRFLOW, FIXED DISCHARGE	0.250	208	3	60	208	3	60	0.25	1.7	LJ WING	HFC- TYPE 5F&5R		15	3	3 #10, #10G	3/4"	30	3	UN-FUSED
UH-02	INBOUND BAGROOM	INBOUND BAGROOM	VERTICAL AIRFLOW, FIXED DISCHARGE	0.250	208	3	60	208	3	60	0.25	1.7	LJ WING	HFC- TYPE 5F&5R		15	3	3 #10, #10G	3/4"	30	3	UN-FUSED
UH-03	INBOUND BAGROOM	INBOUND BAGROOM	VERTICAL AIRFLOW, FIXED DISCHARGE	0.250	208	3	60	208	3	60	0.25	1.7	LJ WING	HFC- TYPE 5F&5R		15	3	3 #10, #10G	3/4"	30	3	UN-FUSED
UH-04	INBOUND BAGROOM	INBOUND BAGROOM	VERTICAL AIRFLOW, FIXED DISCHARGE	0.250	208	3	60	208	3	60	0.25	1.7	LJ WING	HFC- TYPE 5F&5R		15	3	3 #10, #10G	3/4"	30	3	UN-FUSED
UH-05	OUTBOUND BAGGAGE	OUTBOUND BAGGAGE	VERTICAL AIRFLOW, FIXED DISCHARGE	0.250	208	3	60	208	3	60	0.25	1.7	LJ WING	HFC- TYPE 5F&5R		15	3	3 #10, #10G	3/4"	30	3	UN-FUSED
UH-06	OUTBOUND BAGGAGE	OUTBOUND BAGGAGE	VERTICAL AIRFLOW, FIXED DISCHARGE	0.250	208	3	60	208	3	60	0.25	1.7	LJ WING	HFC- TYPE 5F&5R		15	3	3 #10, #10G	3/4"	30	3	UN-FUSED
UH-07	OUTBOUND BAGGAGE	OUTBOUND BAGGAGE	VERTICAL AIRFLOW, FIXED DISCHARGE	0.250	208	3	60	208	3	60	0.25	1.7	LJ WING	HFC- TYPE 5F&5R		15	3	3 #10, #10G	3/4"	30	3	UN-FUSED
UH-08	OUTBOUND BAGGAGE	OUTBOUND BAGGAGE	VERTICAL AIRFLOW, FIXED DISCHARGE	0.250	208	3	60	208	3	60	0.25	1.7	LJ WING	HFC- TYPE 5F&5R		15	3	3 #10, #10G	3/4"	30	3	UN-FUSED

ROOFTOP AIR HANDLING UNIT SCHEDULE - CHILLED WATER / HOT WATER

MARK	AREA SERVED	LOCATION	FAN DATA DRIVE TYPE	SUPPLY FAN ELECTRICAL DATA V	PH	FREQ (HZ)	FLA	MCA	MOCP	HP	RETURN FAN ELECTRICAL DATA V	PH	FREQ (HZ)	FLA	MCA	MOCP	HP	BASIS OF DESIGN MANUFACTURER	MODEL	NOTES
RTU-1	CONCESSION	UPPER FLOOR ROOF	DIRECT	460	3	60	7.0	9.0	15.0	6.0	460	3	60	4	5	10	3	NORTEK	CSU-5K HW/CHW	
RTU-2	CONCESSION	UPPER FLOOR ROOF	DIRECT	460	3	60	7.0	9.0	15.0	6.0	460	3	60	4	5	10	3	NORTEK	CSU-5K HW/CHW	
RTU-3	HOLDROOM	UPPER FLOOR ROOF	DIRECT	460	3	60	7.0	9.0	15.0	6.0	460	3	60	4	5	10	3	NORTEK	CSU-5K HW/CHW	
RTU-4	HOLDROOM	UPPER FLOOR ROOF	DIRECT	460	3	60	7.0	9.0	15.0	6.0	460	3	60	4	5	10	3	NORTEK	CSU-5K HW/CHW	
RTU-5	AIRLINE CLUB	UPPER FLOOR ROOF	DIRECT	460	3	60	7.0	9.0	15.0	6.0	460	3	60	4	5	10	3	NORTEK	CSU-5K HW/CHW	
RTU-6	AIRLINE CLUB	UPPER FLOOR ROOF	DIRECT	460	3	60	7.0	9.0	15.0	6.0	460	3	60	4	5	10	3	NORTEK	CSU-5K HW/CHW	

FUTURE MAKE-UP AIR SYSTEM UNIT SCHEDULE - CHILLED WATER / HOT WATER (PROVIDED BY TENANT)

MARK	AREA SERVED	LOCATION	SUPPLY FAN DATA MOTOR DATA (EACH) QTY.	HP	V	PH	ELECTRICAL DATA V	PH	FLA	MCA	MOCP	BASIS OF DESIGN MANUFACTURER	MODEL	NOTES	OCPD SIZE	OCPD POLE	CABLE	CONDUIT	DISCONNECT SIZE	DISCONNECT POLE	DISCONNECT FUSE
MAU 1	CONCESSIONS	MEZZANINE LEVEL ROOF	2	15.0	460	3	460	3	17.8	40.0	50.0	DAIKIN	CAH018GDGM		45	3	3 #8, #10G	3/4"	60	3	UN-FUSED
MAU 2	CONCESSIONS	MEZZANINE LEVEL ROOF	2	15.0	460	3	460	3	17.8	40.0	50.0	DAIKIN	CAH018GDGM		45	3	3 #8, #10G	3/4"	60	3	UN-FUSED
MAU 3	CONCESSIONS	MEZZANINE LEVEL ROOF	2	15.0	460	3	460	3	17.8	40.0	50.0	DAIKIN	CAH018GDGM		45	3	3 #8, #10G	3/4"	60	3	UN-FUSED
MAU 4	CONCESSIONS	MEZZANINE LEVEL ROOF	2	15.0	460	3	460	3	17.8	40.0	50.0	DAIKIN	CAH018GDGM		45	3	3 #8, #10G	3/4"	60	3	UN-FUSED
MAU 5	CONCESSIONS	MEZZANINE LEVEL ROOF	2	15.0	460	3	460	3	17.8	40.0	50.0	DAIKIN	CAH018GDGM		45	3	3 #8, #10G	3/4"	60	3	UN-FUSED

FAN COIL UNIT SCHEDULE - CHILLED WATER / HOT WATER

MARK	AREA SERVED	LOCATION	FAN DATA HP	MOTOR DATA V	PH	FREQ (HZ)	MCA	MOCP	BASIS OF DESIGN MANUFACTURER	MODEL	NOTES	OCPD SIZE	OCPD POLE	CABLE	CONDUIT	DISCONNECT SIZE	DISCONNECT POLE	DISCONNECT FUSE
FC-LL-01	LL	LL	2 X 1/4	115	1	60	8.8	15	DAIKIN APPLIED	FCHH210		15	1	3 #10, #10G	3/4"	30	1	UN-FUSED
FC-LL-02	LL	LL	2 X 1/4	115	1	60	8.8	15	DAIKIN APPLIED	FCHH210		15	1	3 #10, #10G	3/4"	30	1	UN-FUSED
FC-LL-03	LL	LL	2 X 1/4	115	1	60	8.8	15	DAIKIN APPLIED	FCHH210		15	1	3 #10, #10G	3/4"	30	1	UN-FUSED
FC-LL-04	LL	LL	2 X 1/4	115	1	60	8.8	15	DAIKIN APPLIED	FCHH210		15	1	3 #10, #10G	3/4"	30	1	UN-FUSED
FC-LL-05	LL	LL	2 X 1/4	115	1	60	8.8	15	DAIKIN APPLIED	FCHH210		15	1	3 #10, #10G	3/4"	30	1	UN-FUSED
FC-LL-06	LL	LL	1/4	115	1	60	4.4	15	DAIKIN APPLIED	FCHH206		15	1	3 #10, #10G	3/4"	30	1	UN-FUSED
FC-LL-07	LL	LL	1/4	115	1	60	4.4	15	DAIKIN APPLIED	FCHH206		15	1	3 #10, #10G	3/4"	30	1	UN-FUSED
FC-LL-08	LL	LL	2 X 1/4	115	1	60	8.8	15	DAIKIN APPLIED	FCHH212		15	1	3 #10, #10G	3/4"	30	1	UN-FUSED
FC-UL-02	UL	UL	1/4	115	1	60	4.4	15	DAIKIN APPLIED	FCHH206		15	1	3 #10, #10G	3/4"	30	1	UN-FUSED
FC-UL-03	UL	UL	1/4	115	1	60	4.4	15	DAIKIN APPLIED	FCHH206		15	1	3 #10, #10G	3/4"	30	1	UN-FUSED

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PHASE **DD**
REVISION **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

ELECTRICAL SCHEDULES (1 of 2)

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**

E6.1.01

3/20/2023 12:41:45 AM

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Branch Panel: PDP8KKT1-P...

Location: ELECTRICAL ROOM UL.8EE.2
Supply From: PDP8KKT1-XFMR-01
Mounting: SURFACE
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MCB
Mains Rating: 225 A
MCB Rating: 225 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	UL HOLDROOM BOOTH RECEPTACLES #1	20 A	1	800 VA	800 VA					1	20 A	UL HOLDROOM BOOTH RECEPTACLES #2	2
3	UL HOLDROOM TV RECEPTCALES	20 A	1			1000...	1550...			1	20 A	UL HOLDROOM RECEPTACLES, AREA 8	4
5	UL HOLDROOM RECEPTACLES, AREA 11	20 A	1					1550...	1550...	1	20 A	UL HOLDROOM RECEPTACLES, AREA 12	6
7	UL HOLDROOM RECEPTACLES, AREA 10	20 A	1	1550...	1550...					1	20 A	UL HOLDROOM RECEPTACLES, AREA 7	8
9	PP-01-01	20 A	3			1090...	1550...			1	20 A	UL HOLDROOM RECEPTACLES, AREA 5	10
11	--	--	--					9300...	1550...	1	20 A	UL HOLDROOM RECEPTACLES, AREA 9	12
13	--	--	--	8750...	1550...					1	20 A	UL HOLDROOM RECEPTACLES, AREA 22	14
15	UL HOLDROOM RECEPTACLES, AREA 20	20 A	1			1550...	1550...			1	20 A	UL HOLDROOM RECEPTACLES, AREA 17	16
17	UL HOLDROOM RECEPTACLES, AREA 6	20 A	1					1550...	1550...	1	20 A	UL HOLDROOM RECEPTACLES, AREA 21	18
19	UL HOLDROOM RECEPTACLES, AREA 19	20 A	1	1550...	1550...					1	20 A	UL HOLDROOM RECEPTACLES, AREA 16	20
21	UL HOLDROOM RECEPTACLES, AREA 14	20 A	1			1550...							22
23	UL HOLDROOM RECEPTACLES, AREA 18	20 A	1					1550...	1550...	1	20 A	UL HOLDROOM RECEPTACLES, AREA 15	24
25	UL HOLDROOM RECEPTACLES, AREA 13	20 A	1	1550...									26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
			Total Load:	19650 VA		19650 VA		20150 VA					
			Total Amps:	164 A		164 A		168 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacle	59450 VA	58.41%	34725 VA		
				Total Conn. Load:	59450 VA
				Total Est. Demand:	34725 VA
				Total Conn. Current:	165 A
				Total Est. Demand Current:	96 A

Notes:

Branch Panel: PDP8KKT1-P...

Location: ELECTRICAL ROOM UL.8EE.2
Supply From: PDP8KKT1-PP-01
Mounting: SURFACE
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MLO
Mains Rating: 225 A
MCB Rating: 250 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	UL HOLDROOM RECEPTACLES, AREA 23	20 A	1	1550...	1550...					1	20 A	UL HOLDROOM RECEPTACLES, AREA 24	2
3	UL HOLDROOM RECEPTACLES, AREA 25	20 A	1			1550...	1550...			1	20 A	UL HOLDROOM RECEPTACLES, AREA 26	4
5	UL HOLDROOM RECEPTACLES, AREA 27	20 A	1					1550...	1550...	1	20 A	UL HOLDROOM RECEPTACLES, AREA 28	6
7	UL HOLDROOM RECEPTACLES, AREA 29	20 A	1	1550...	1550...					1	20 A	UL HOLDROOM RECEPTACLES, AREA 30	8
9	UL HOLDROOM RECEPTACLES, AREA 31	20 A	1			1550...	1550...			1	20 A	UL HOLDROOM RECEPTACLES, AREA 32	10
11	UL HOLDROOM RECEPTACLES, AREA 33	20 A	1					1550...	1550...	1	20 A	UL HOLDROOM RECEPTACLES, AREA 34	12
13	UL HOLDROOM RECEPTACLES, AREA 35	20 A	1	1550...	1550...					1	20 A	UL HOLDROOM RECEPTACLES, AREA 36	14
15	UL HOLDROOM RECEPTACLES, AREA 37	20 A	1			1550...	1550...			1	20 A	UL HOLDROOM RECEPTACLES, AREA 38	16
17	UL HOLDROOM RECEPTACLES, AREA 39	20 A	1					1550...	1000...	1	20 A	UL HOLDROOM TV RECEPTACLES	18
19	UL HOLDROOM BOOTH RECEPTACLES #!	20 A	1	800 VA	800 VA					1	20 A	UL HOLDROOM BOOTH RECEPTACLES #2	20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
			Total Load:	10900 VA		9300 VA		8750 VA					
			Total Amps:	92 A		78 A		73 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacle	28950 VA	67.27%	19475 VA		
				Total Conn. Load:	28950 VA
				Total Est. Demand:	19475 VA
				Total Conn. Current:	80 A
				Total Est. Demand Current:	54 A

Notes:

Branch Panel: CITY-8F6-ELE...

Location: ELV CONTRO UL.8LL.5
Supply From: CITY-8F6-XFMR-01
Mounting: SURFACE
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MCB
Mains Rating: 225 A
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	ELEVATOR CONTROL ROOM UL LIGHTING	20 A	1	110 VA	300 VA					1	20 A	ELEVATOR ONT POWER PIT ROOM	2
3	ELEV ROOM SURROUNDING AREA RECEPT.	20 A	1			1440...	3000...			1	20 A	ELEVATOR CONDENSATE UNIT	4
5	ELEVATOR CAR LIGHT AND FAN ELEV	20 A	1					1800...	1800...	1	20 A	ELEVATOR INTERCOM	6
7	ELEVATOR SHAFT RECEPTACLES	20 A	1	1470...	1800...					1	20 A	ELEVATOR AIR COND. AND HEAT UNIT	8
9	ELECATOR CAR LIGHTS	20 A	1			600 VA							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
			Total Load:	3680 VA		4480 VA		3600 VA					
			Total Amps:	31 A		37 A		30 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacle	2910 VA	100.00%	2910 VA		
FV	8700 VA	100.00%	8700 VA	**Total Conn. Load:**	11735 VA
				Total Est. Demand:	11735 VA
				Total Conn. Current:	33 A
				Total Est. Demand Current:	33 A

Notes:

PANEL: CTY8XP1TSA-03

LOCATION: OFFICE UL.8S.4
SUPPLY FROM:
MOUNTING: SURFACE
ENCLOSURE: Type 1

VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4

A.I.C. RATING:
BUS RATING: 125 A
MAIN CB: 125 A

CKT	CIRCUIT DESCRIPTION	LC	CT	TRIP	POLES	A		B		C		POLES	TRIP	CT	LC	CIRCUIT DESCRIPTION	CKT
1	Receptacle: WTMD LANE 1, 2, 3, 4, 5, 6	Recep...	3	20 A	1	540 VA	1800...					1	20 A	1	Recep...	Receptacle: CT SCANNER LANE 1	2
3	Receptacle: CT SCANNER LANE 3	Recep...	1	20 A	1			1800...	1920...			1	20 A	1	Recep...	Receptacle: AIT LANE 1 & 2	4
5	Receptacle: AIT LANE 3 & 4	Recep...	1	20 A	1					1920...	1920...	1	20 A	1	Recep...	Receptacle: AIT LANE 5 & 6	6
7	Receptacle: CT SCANNER LANE 2	Recep...	1	20 A	1	1800...	350 VA					1	20 A	1	Recep...	Receptacle: EDT LANE 1 & 2	8
9	Receptacle: EDT LANE 3 & 4	Recep...	1	20 A	1			350 VA	360 VA			1	20 A	1	Recep...	Receptacle: TDC LANE 3 & 4	10
11	Receptacle: EDT LANE 5 & 6	Recep...	1	20 A	1					350 VA	360 VA	1	20 A	1	Recep...	Receptacle: TDC LANE 5 & 6	12
13	Receptacle: TDC LANE 1 & 2	Recep...	1	20 A	1	360 VA	360 VA					1	20 A	1	Recep...	Receptacle: CONVIENENCE 1 & 2	14
15	Receptacle: CONVIENENCE 3 & 4	Recep...	1	20 A	1			360 VA	720 VA			1	20 A	2	Recep...	Receptacle: CONVIENENCE 3 & 4	16
17	Receptacle: CONVIENENCE 5 & 6	Recep...	1	20 A	1					360 VA	720 VA	1	20 A	2	Recep...	Receptacle: CONVIENENCE 5 & 6	18
19	Receptacle: CONVIENENCE 1 & 2	Recep...	2	20 A	1	720 VA	1070...					1	20 A	1	Recep...	Receptacle: AVS/ETD/BLS LANE 1 & 2	20
21	Receptacle: AVS/ETD/BLS LANE 3 & 4	Recep...	1	20 A	1			1070...	1800...			1	20 A	1	Recep...	Receptacle: CT SCANNER LANE 5	22
23	Receptacle: AVS/ETD/BLS LANE 5 & 6	Recep...	1	20 A	1					1070...	1800...	1	20 A	1	Recep...	Receptacle: CT SCANNER LANE 6	24
25	Receptacle: CT SCANNER LANE 4	Recep...	1	20 A	1	1800...											26
27																	28
29																	30
31																	32
33																	34
35																	36
37																	38
39																	40
41																	42
				TOTAL LOAD:		8800 VA		8380 VA		8500 VA							
				TOTAL AMPS:		73 A		70 A		71 A							

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS	
Receptacle	25680 VA	69.47%	17840 VA		
				TOTAL CONN. LOAD:	25680 VA
				TOTAL EST. DEMAND:	17840 VA
				TOTAL CONN.:	71 A
				TOTAL EST. DEMAND:	50 A

NOTES:

PANEL: CTY8XP1TSA-02

LOCATION: ELEC UL.8W.2
SUPPLY FROM: CTY8XP1-XFMR-02
MOUNTING: SURFACE
ENCLOSURE: Type 1

VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4

A.I.C. RATING:
BUS RATING: 225 A
MAIN CB: 225 A

CKT	CIRCUIT DESCRIPTION	LC	CT	TRIP	POLES	A		B		C		POLES	TRIP	CT	LC	CIRCUIT DESCRIPTION	CKT
1	Receptacle: ETD LANE 1 & 2	Recep...	1	20 A	1	350 VA	360 VA					1	20 A	1	Recep...	Receptacle: CONVIENENCE 1 & 2	2
3	Receptacle: CONVIENENCE 1 & 2	Recep...	2	20 A	1			720 VA	720 VA			1	20 A	2	Recep...	Receptacle: CONVIENENCE 3 & 4	4
5	Receptacle: ETD LANE 3 & 4	Recep...	1	20 A	1					350 VA	360 VA	1	20 A	1	Recep...	Receptacle: CONVIENENCE 3 & 4	6
7	Receptacle: AVS/ETD/BLS LANE 1 & 2	Recep...	1	20 A	1	1070...	1800...					1	20 A	1	Recep...	Receptacle: CT SCANNER LANE 1	8
9	Receptacle: AIT LANE 1 & 2	Recep...	1	20 A	1			1920...	360 VA			1	20 A	1	Recep...	Receptacle: TDC LANE 3 & 4	10
11	Receptacle: AVS/ETD/BLS LANE 3 & 4	Recep...	1	20 A	1					1070...	1920...	1	20 A	1	Recep...	Receptacle: AIT LANE 3 & 4	12
13	Receptacle: TDC LANE 1 & 2	Recep...	1	20 A	1	360 VA	1800...					1	20 A	1	Recep...	Receptacle: CT SCANNER LANE 2	14
15	Receptacle: CT SCANNER LANE 3	Recep...	1	20 A	1			1800...									16
17	Receptacle: WTMD LANE 1, 2, 3, 4	Recep...	2	20 A	1					360 VA	1800...	1	20 A	1	Recep...	Receptacle: CT SCANNER LANE 4	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
				TOTAL LOAD:		5740 VA		5520 VA		5860 VA							
				TOTAL AMPS:		48 A		46 A		49 A							

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS	
Receptacle	17120 VA	79.21%	13560 VA		
				TOTAL CONN. LOAD:	17120 VA
				TOTAL EST. DEMAND:	13560 VA
				TOTAL CONN.:	48 A
				TOTAL EST. DEMAND:	38 A

NOTES:

Branch Panel: TSA9A

Location: ELECTRICAL ROOM UL.8EE.2
Supply From:
Mounting: SURFACE
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MLO
Mains Rating: 100 A
MCB Rating: 225 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Receptacle: WTMD LANE 1, 2, 3, 4, 5, 6	20 A	1	540 VA	1920...					1	20 A	Receptacle: AIT 1 & 2	2
3	Receptacle: CT SCANNER LANE 1	20 A	1			1800...	1800...			1	20 A	Receptacle: CT SCANNER LANE 2	4
5	Receptacle: CT SCANNER LANE 4	20 A	1					1800...	1800...	1	20 A	Receptacle: CT SCANNER LANE 5	6
7	Receptacle: AIT 5 & 6	20 A	1	1920...	350 VA					1	20 A	Receptacle: CONVIENENCE 1 & 2	8
9	Receptacle: CT SCANNER LANE 3	20 A	1			1800...	350 VA			1	20 A	Receptacle: ETD 3 & 4	10
11	Receptacle: CT SCANNER LANE 6	20 A	1					1800...	350 VA	1	20 A	Receptacle: ETD 5 & 6	12
13	Receptacle: TDC LANE 1 & 2	20 A	1	360 VA	360 VA					1	20 A	Receptacle: CONVIENENCE 1 & 2	14
15	Receptacle: TDC LANE 3 & 4	20 A	1			360 VA	360 VA			1	20 A	Receptacle: CONVIENENCE 3 & 4	16
17	Receptacle: TDC LANE 5 & 6	20 A	1					360 VA	360 VA	1	20 A	Receptacle: CONVIENENCE 5 & 6	18
19	Receptacle: CONVIENENCE 3 & 4	20 A	1	720 VA	1070...					1	20 A	Receptacle: AVS/ETD/BLS LANE 1 & 2	20
21	Receptacle: CONVIENENCE 5 & 6	20 A	1			720 VA	1070...			1	20 A	Receptacle: AVS/ETD/BLS LANE 3 & 4	22
23	Receptacle: ETD 1 & 2	20 A	1					720 VA	1070...	1	20 A	Receptacle: AVS/ETD/BLS LANE 5 & 6	24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
			Total Load:	7240 VA		8260 VA		8260 VA					
			Total Amps:	60 A		70 A		70 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacle	23760 VA	71.04%	16880 VA		
				Total Conn. Load:	23760 VA
				Total Est. Demand:	16880 VA
				Total Conn. Current:	66 A
				Total Est. Demand Current:	47 A

Notes:

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
A member company of SH Group, Inc.

MILHOUSE

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

ELECTRICAL SCHEDULES (2 of 2)

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER
VOLUME: **3**
E6.1.02

3/22/2023 3:11:27 PM

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KEYED NOTES #

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
4. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
5. ALL EQUIPMENT SHOWN IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
6. MAINTAIN FIRE RATING OF EXISTING WALLS AND SLABS WHERE NEW CONDUIT PENETRATIONS ARE REQUIRED.
7. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ELECTRICAL DEVICES AND EQUIPMENT IN FIELD.
8. HATCHED AREA(S) SHOW EXTENT OF THE PROPOSED AREA OF WORK. THIS WORK IS TO INCLUDE ALL ELECTRICAL EQUIPMENT AND THE RECONFIGURATION OF ASSOCIATED CONDUITS, CONDUCTORS, HANGERS, SUPPORTS, LIGHT FIXTURES, AND OTHER ASSOCIATED APPURTENANCES. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL SYSTEMS ELECTRICALLY SAFE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED FOR THE PHASING OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
10. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.

MCC - 8A

MAIN BREAKER 800 A	B1L SPARE	B1R ELEV.	C1 E-14		D1 SPACE	E1 E-11 BB8A AHS11 RFAN CT-2	F1 S-10 BB8A AHS10 SFANCT CT-1	G1 E-5 BB8A AHS5 RFAN CT-2	H1 E-12		
	B2L SP-2	B2R WIND. WASH.	C2 E-13		D2 S-6 BB8A AHS6 SFANCT CT-1	E2 E-16	F2 S-11 BB8A AHS11 SFAN CT-1	G2 E-6 BB8A AHS6 RFANCT CT-2	H2 E-10 BB8A AHS10 RFANCT CT-2		
	B3 SPACE		C3L SP-1	C3R TR-R	D3 CP-13	E3 E-17	F3 E-1 BB8A AHS1/2 RFAN#1 CT-2	G3 E-7 BB8A AHS7 RFAN CT-2	H3 RECIRC. PUMP		
	B4L SP-3	B4R WELD. RCPT.	C4 SPARE		D4 S-1 / S-2 BB8A AHS SFANCT CT-1	E4 SP-TF	F4 E-2 BB8A AHS1/2 RFAN#1 CT-3	G4 E-8 BB8A AHS8 RFANCT CT-2	H4 S-4 BB8A AHS4 SFAN CT-1		
	B5 S-9 BB8A AHS9 SUPPLY FAN		C5 S-8 BB8A AHS3 SFANCT CT-1		D5 S-3 BB8A AHS3 SFANCT CT-1	E5 S-13	F5 E-3 BB8A AHS3 RFANCT CT-2	G5 E-9 BB8A AHS9 RFAN CT-2	H5 S-5 BB8A AHS4 SFAN CT-1		
						E6 SPARE	F6 E-4 BB8A AHS4 RFANCT CT-2	G6 S-7 BB8A AHS7 SFAN CT-1			

FRONT ELEVATION
MOTOR CONTROL CENTER MCC-8A

3C MCC36504 DETAIL
NTS

MCC - 8B

MAIN BREAKER 800 A	B1L SPARE	B1R ELEV.	C1 E-16		D1 E-4	E1 SPARE	F1 E-5	G1 S-13		H1 S-3	
	B2L SP-2	B2R WIND. WASH.	C2 E-17		D2 E-7	E2 E-13	F2 E-6	G2L SP-4	G2R SP-5	H2 S-2	
	B3 SPACE		C3L SP-1	C3R SP-3	D3 E-8	E3 E-14	F3 S-7	G3 E-20			
	B4L WELD RCPT.	B4R TR-R	C4 E-1		D4 E-9	E4 CP-13	F4 S-8	G4 S-4		H3 S-9	
	B5 SPARE		C5 E-2		D5 E-10	E5 S-1	F5 S-11				
	B6 SP-FT		C6 E-3		D6 E-11	E6 BLDG B VAV REHEAT COIL PUMP	F6 S-12	G5 S-5 / S-6		H4 S-10	

FRONT ELEVATION
MOTOR CONTROL CENTER MCC-8B

1C MCC36504 DETAIL
NTS

	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5	SECTION 6
A	SPACE	WINDOW WASHER 40A CIRCUIT BREAKER	SPACE	SPACE	SPARE - 100A CIRCUIT BREAKER	SPACE
B	SPACE	SPACE	SPACE	SPACE	SPACE	
C D	SPACE	SPACE	SPARE	SPARE	EXHAUST FAN 42" PROP. FAN MC-36601 FOR EF-36531A	SPACE
E F	SPARE	SPACE	PUMP SP-D-HC-6 MC-36593 FOR PUM36541	PUMP SP-D-HC-8 MC-36597 FOR PUM36544	EXHAUST FAN 42" PROP. FAN MC-36601 FOR EF-36535A	PUMP SP-D-R-1 MC-36606 FOR PUM36536
G H	EXHAUST FAN E-D-1 MC-36589 FOR EF-36535	EXHAUST FAN E-D-2 MC-36591 FOR AHU36538	SUPPLY FAN S-D-9 MC-36594 FOR AHU36526	EXHAUST FAN E-D-9 MC-36598 FOR EF-36533	EXHAUST FAN E-D-11 MC-36603 FOR EF-36531	PUMP SP-D-R-2 MC-36607 FOR PUM36537
J K L M	SUPPLY FAN S-D-1 MC-36590 FOR AHU36590	SUPPLY FAN S-D-2 MC-36592 FOR AHU36529	EXHAUST FAN E-D-6 MC-36595 FOR EF-36534	EHAUST FAN E-D-8 MC-36599 FOR EF-36539	EXHAUST FAN TE-D-1 MC-36604 FOR EF-36532	PUMP SP-D-R-4 MC-36608 FOR PUM36538
			SUPPLY FAN S-D-6 MC-36596 FOR AHU36527	SUPPLY FAN S-D-8 MC-36600 FOR AHU36530	EXHAUST FAN TE-D-2 MC-36605 FOR EF-36536	PUMP SP-D-R-3 MC-36609 FOR PUM36539

FRONT ELEVATION
CITY-MCC-8CC-P
MCC36503

3A MCC36503 DETAIL
NTS

	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5
A	SPACE	WINDOW WASHER 40A CIRCUIT BREAKER	SPARE-80A CIRCUIT BREAKER	SPACE	8KK-P-1
B	SPACE	SPACE	SPACE	SPACE	SPACE
C D	SPACE	SPARE	SPACE	SPARE	SPACE
E F	PUMP SP-D-UH-5 MC-36610 FOR PUM36548	SPARE	SPACE	PUMP SP-D-HC-7 MC-36618 FOR PUM36549	SPACE
G H	EXHAUST FAN E-D-3 MC-36611 FOR EF-36542	EXHAUST FAN E-D-5 MC-36613 FOR AHU36540	EXHAUST FAN E-D-10 MC-36615 FOR EF-36545	SUPPLY FAN S-D-10 MC-36619 FOR AHU36535	EXHAUST FAN TE-D-3 MC-36622 FOR EF-36541
J K L M	SUPPLY FAN S-D-3 MC-36612 FOR AHU36531	SUPPLY FAN S-D-5 MC-36614 FOR AHU36532	EXHAUST FAN E-D-4 MC-36616 FOR EF-36543	EHAUST FAN E-D-7 MC-36620 FOR EF-36546	EXHAUST FAN 42" PROP. FAN MC-36623 FOR EF-36542A
			SUPPLY FAN S-D-4 MC-36617 FOR AHU36533	SUPPLY FAN S-D-7 MC-36621 FOR AHU36534	EXHAUST FAN E-D-12 MC-36624 FOR EF-36544

FRONT ELEVATION
CITY-MCC-8HH-P
MCC36504

1A MCC36504 DETAIL
NTS

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
SYSKA HENNESSY GROUP
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NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE	PACKAGE ISSUE DATE
60% DESIGN	**03/24/2023**
PHASE	REVISION
DD	**–**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

MCC DETAILS

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER VOLUME: **3**
E8.2.01

3/20/2023 12:42:04 AM

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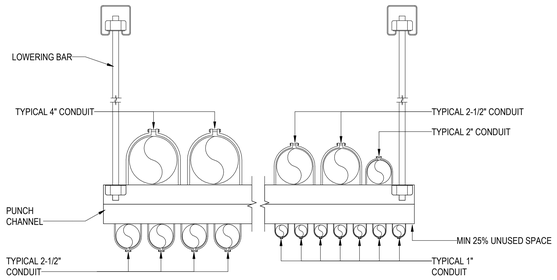
KEYED NOTES #

GENERAL NOTES

1. SEE DWG E0-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE DWG E0-02 FOR GENERAL ELECTRICAL NOTES.
3. SEE DWG SERIES E4 FOR SINGLE LINE DIAGRAMS .
4. EXISTING SYSTEMS AND CONNECTIONS SHOWN ARE BASED ON THE BEST AVAILABLE AS-BUILT DOCUMENTATION AND CASUAL FIELD OBSERVATIONS AT THE TIME OF DESIGN. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SURVEY OF THE EXISTING CONDITIONS TO VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THE SOURCE AND PROVIDE A REPORT THAT DOCUMENTS THE DETAILS OF THE EXISTING FIELD CONDITIONS AS WELL AS ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE EXISTING FIELD CONDITIONS TO THE ENGINEER AND COMMISSIONER PRIOR TO DISTURBING THE EXISTING INSTALLATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN.
5. ALL EQUIPMENT SHOWN IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
6. MAINTAIN FIRE RATING OF EXISTING WALLS AND SLABS WHERE NEW CONDUIT PENETRATIONS ARE REQUIRED.
7. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ELECTRICAL DEVICES AND EQUIPMENT IN FIELD.
8. HATCHED AREA(S) SHOW EXTENT OF THE PROPOSED AREA OF WORK. THIS WORK IS TO INCLUDE ALL ELECTRICAL EQUIPMENT AND THE RECONFIGURATION OF ASSOCIATED CONDUITS, CONDUCTORS, HANGERS, SUPPORTS, LIGHT FIXTURES, AND OTHER ASSOCIATED APPURTENANCES. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL SYSTEMS ELECTRICALLY SAFE PRIOR TO THE START OF ANY WORK.
9. CONTRACTOR SHALL PROVIDE TEMPORARY POWER AS REQUIRED FOR THE PHASING OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
10. CONTRACTOR SHALL COORDINATE ALL PHASING WITH OTHER TRADES.



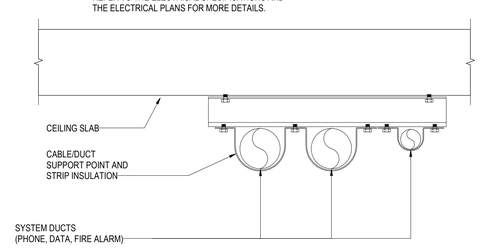
NOTES:

1. THE QUANTITIES OF CONDUITS ARE SCHEMATIC ONLY.
2. THE CONTRACTOR TO PROVIDE ALL REQUIREMENTS AND MATERIALS TO COMPLETE THE INSTALLATION. PROVIDE DUCT TRAPPING TO SUPPORT EACH 1.5M OR ACCORDING TO CODE REQUIREMENTS.

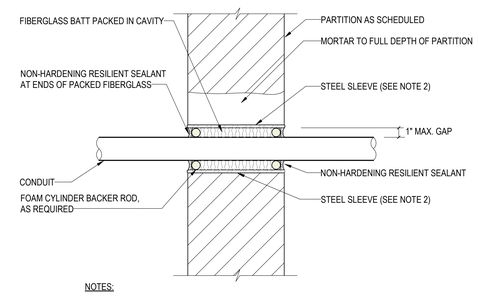
5D TYPICAL SUSPENDED CONDUIT SUPPORT
NTS

NOTE:

REFER TO THE ELECTRICAL SPECIFICATIONS AND THE ELECTRICAL PLANS FOR MORE DETAILS.



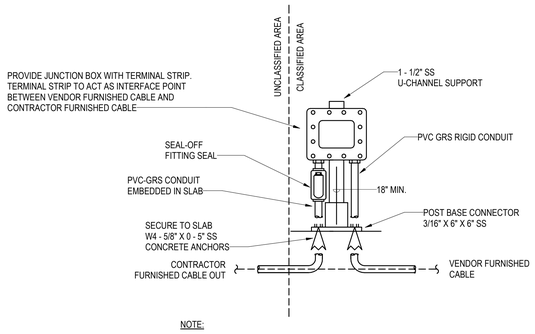
3D TYPICAL CABLE SURFACE/SUPPORT DUCT
NTS



NOTES:

1. CONDUIT SUPPORTS TO BE SPACED SUFFICIENTLY FROM PARTITION LINE TO ALLOW ACCESS FOR INSTALLATION/SEALING.
2. FOR BLOCKWORK/CONCRETE WALL, THICKNESS OF STEEL SLEEVE TO BE SUFFICIENT TO SUPPORT MORTAR ABOVE, MINIMUM THICKNESS 1/16".

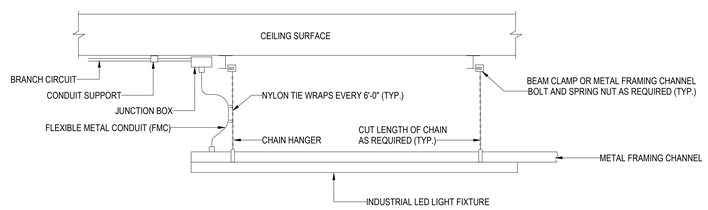
1D TYPICAL ABOVE GRADE CONDUIT PENETRATION
NTS



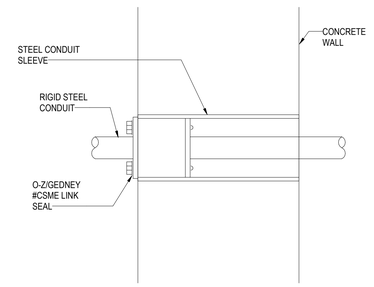
NOTE:

PROVIDE NEMA 7 EXPLOSION-PROOF JUNCTION BOXES AND SEALOFF FITTINGS WHERE CLASSIFIED AREAS ARE IDENTIFIED ON DRAWINGS. JUNCTION BOXES AND/OR EQUIPMENT LOCATED WITHIN 3 FEET OF EXHAUST DUCTWORK SHALL BE CONSIDERED A "CLASSIFIED" AREA PER NFPA 820 AND SHALL BE NEMA 7 RATED, ALL OTHER EQUIPMENT LOCATED OUTSIDE THE NOTED ON THE EXTERIOR/OPEN TO THE ELEMENTS AREA SHALL BE NEMA 4X STAINLESS STEEL. CONTRACTOR SHALL PROVIDE CODE REQUIRED SEAL-OFF DEVICES ON ALL CONDUITS THAT ENTER AND LEAVE A CLASSIFIED AREAS.

5B JUNCTION BOX INSTALLATION
NTS



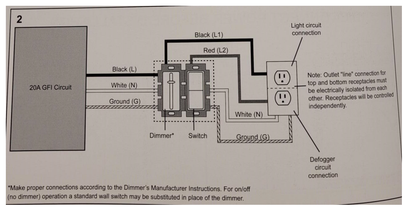
3C CEILING MOUNTED LIGHT FIXTURE
NTS



NOTE:

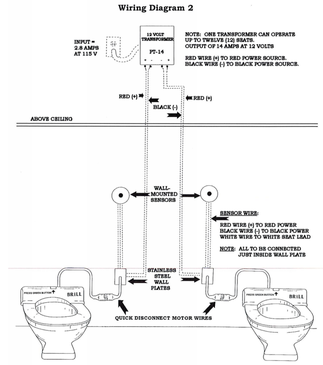
THIS DETAIL MAY ONLY BE USED WHERE APPROVED BY THE STRUCTURAL ENGINEER. OTHERWISE, DEFAULT DETAIL 3A/E8.02 MUST BE USED.

1B CONDUIT PENETRATION OF CONCRETE WALL
NTS



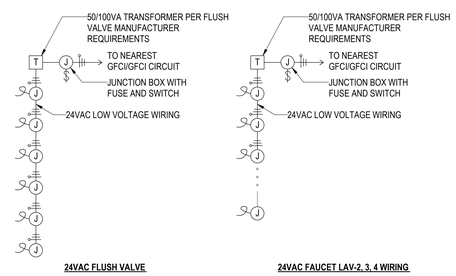
NOTE: ABOVE DETAIL IS A SAMPLE OF THE INSTALLATION, CONTRACTOR TO COORDINATE INSTALLATION WITH BACKLIT MIRROR MANUFACTURER (ROBERN) INSTALLATION GUIDE. CONTRACTOR TO PROVIDE ALL BOXES, RECEPTACLE, RACEWAYS, AND CONDUCTORS REQUIRED FOR INSTALLATION. COORDINATE DIMMING REQUIREMENTS WITH MANUFACTURER REQUIREMENTS AND THE PROPOSED LIGHTING CONTROL SYSTEM. BACKLIT MIRROR SHALL BE ABLE TO BE DIMMED INDEPENDENTLY OF THE OTHER FIXTURES IN THE RESTROOM BUT SHALL BE CONTROLLED WITH THE RESTROOM LIGHTS.

5A GL-30 BACKLIT MIRROR CONTROL/POWER REQUIREMENTS
NTS



NOTE: ABOVE DETAIL IS A SAMPLE OF THE INSTALLATION, CONTRACTOR TO COORDINATE INSTALLATION WITH BUILDING MANAGER. CONTRACTOR TO PROVIDE ALL BOXES, RACEWAYS, AND CONDUCTORS REQUIRED PER CODE. COORDINATE TRANSFORMER REQUIREMENTS WITH MANUFACTURER (BRILLE) AND THE MANUFACTURERS INSTALLATION GUIDE

3A 12VAC LOW-VOLTAGE WIRING FOR TOILET SEAT DISPENSERS
NTS



NOTE:
1. ABOVE DETAIL IS SHOWS THE DESIGN INTENT, CONTRACTOR TO COORDINATE PLUMBING FIXTURE MANUFACTURER REQUIREMENTS FOR FINAL LV TRANSFORMER SIZING. CONTRACTOR TO PROVIDE ALL BOXES, RACEWAYS, AND CONDUCTORS REQUIRED PER CODE. COORDINATE TRANSFORMER REQUIREMENTS WITH MANUFACTURER AND THE MANUFACTURERS INSTALLATION GUIDE

1A 24VAC LOW-VOLTAGE WIRING FOR RESTROOMS
NTS

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NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
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10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

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MILHOUSE

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE: **C.O.C.A.002.01**

ELECTRICAL DETAILS (1 OF 2)

DRAWN BY: **FK**
CHECKED BY: **JR**
SHEET NUMBER: **E8.2.02**
VOLUME: **3**

3/20/2023 12:42:14 AM

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KEYED NOTES #

GENERAL NOTES

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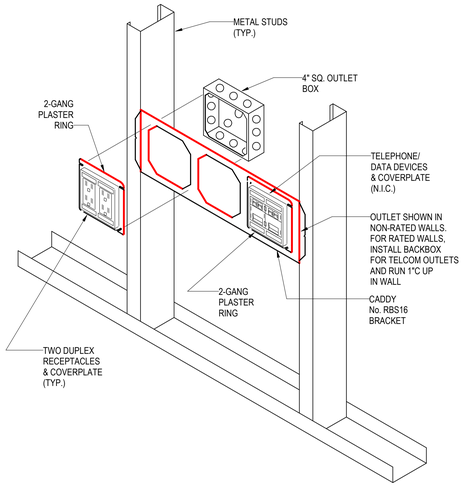
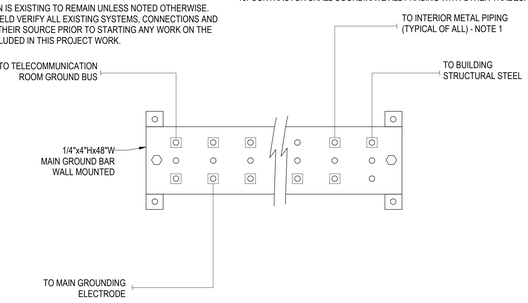


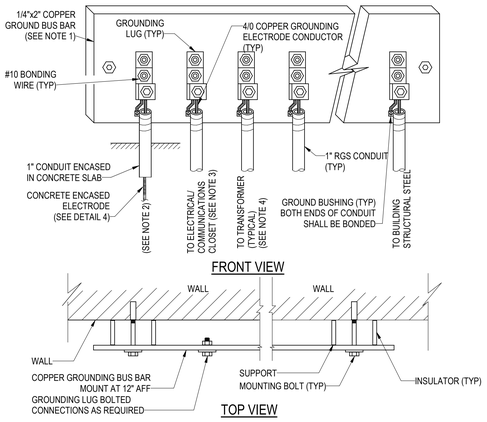
3D TYPICAL OUTLET MOUNTING
NTS



NOTES:

1. BOND ALL METAL PIPING DESCRIBED IN NFPA 70-250.104. METAL PIPING SHALL INCLUDE WATER, GAS, VENT, WASTE, ETC.
2. ALL CONNECTIONS TO GROUND LOOPS & GROUNDING ELECTRODES SHALL UTILIZE EXOTHERMIC WELD.
3. ALL GROUNDING CONDUCTORS SHALL BE COPPER.

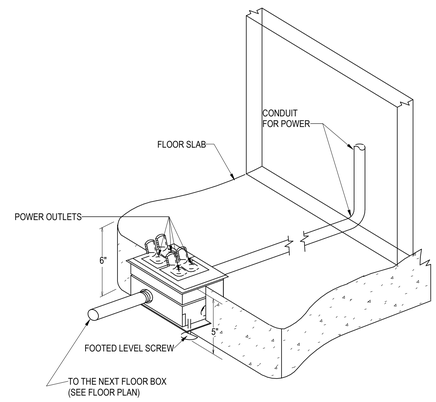
1D TYPICAL MAIN ELEC RM GROUND BAR
NTS



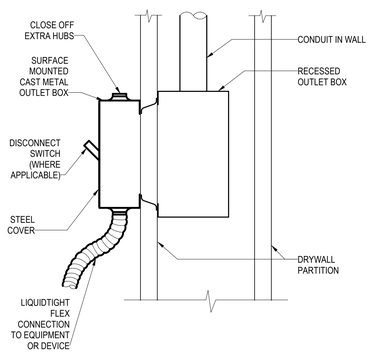
NOTES:

1. IN ELECTRICAL AND COMMUNICATIONS CLOSETS, BUS BARS SHALL HAVE TWO ROWS OF PRE-DRILLED HOLES WITH MINIMUM OF SIXTEEN HOLES. LENGTH OF THE BUSBAR SHALL BE MINIMUM FIFTEEN INCHES. IN THE ELECTRIC SERVICE ROOMS, BUS BARS SHALL HAVE TWO ROWS OF PRE-DRILLED HOLES SPACED AT EVERY ONE FOOT. BUS BARS SHALL BE INSTALLED AT THE EXACT POINTS WHERE THE CONCRETE ENCASED ELECTRODES EXITED THE SLAB. REFER TO UNDERSLAB DRAWINGS FOR LOCATIONS.
2. BONDING OF CONCRETE ENCASED ELECTRODES ONLY APPLIES TO BUS BARS LOCATED ON THE ARRIVALS LEVEL.
3. FOR DEPARTURES LEVEL ELECTRICAL OR COMMUNICATIONS GROUNDING BUS BARS, BOND THEM TO THE NEAREST BUS BARS IN CLOSETS LOCATED ON THE ARRIVALS LEVEL. INTERCONNECTION BETWEEN COMMUNICATIONS BUS BARS AND ELECTRICAL BUS BARS IS NOT PERMITTED.
4. TO BE BONDED TO TRANSFORMER IN ELECTRICAL CLOSET. SEE ELECTRICAL PART PLANS FOR LOCATION AND QUANTITY OF TRANSFORMERS IN EACH CLOSET.

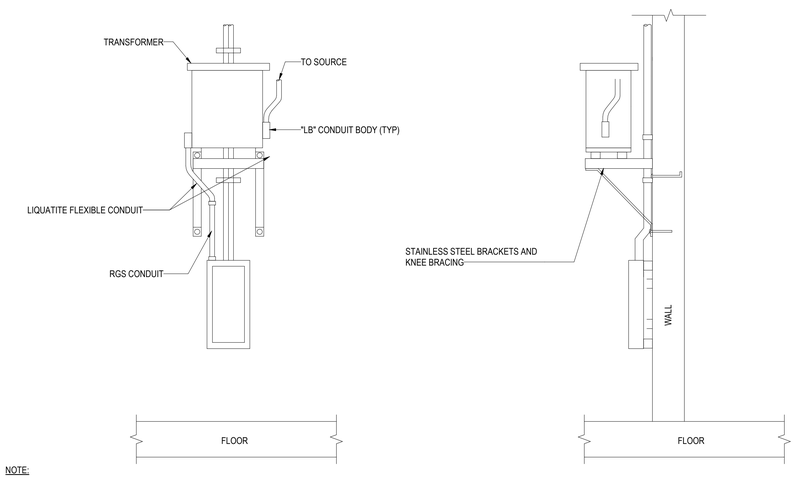
5C TYPICAL GROUND BUS BAR DETAIL
NTS



3C FLUSH-MOUNTED FLOOR CAST BOXES POWER OUTLETS
NTS



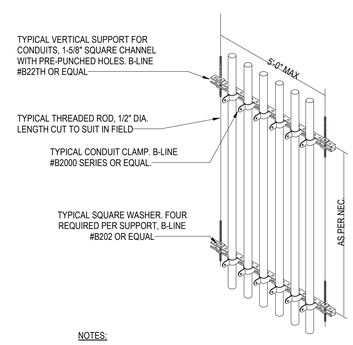
1C EQUIPMENT CONNECTION DETAIL
NTS



NOTE:

CONTRACTOR SHALL SUPPLY DISCONNECT SWITCHES AS REQUIRED BY CODE, FOR ALL STEP-DOWN TRANSFORMERS NOT WITHIN SIGHT OF DISCONNECTIING MEANS.

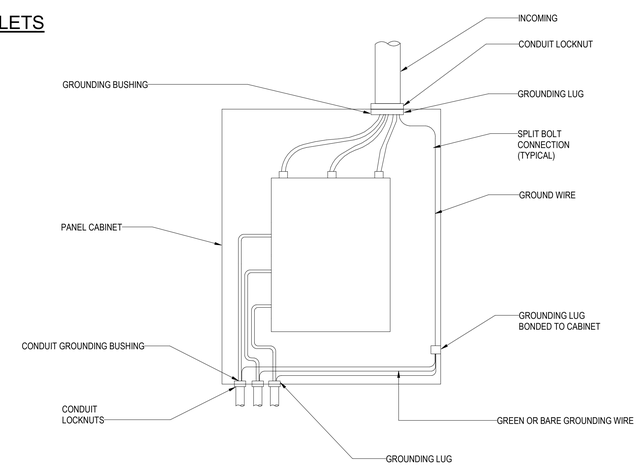
5A WALL MOUNTED PANEL WITH TRANSFORMER
NTS



NOTES:

1. DETAIL IS TYPICAL FOR CONDUITS SUSPENDED FROM BUILDING STEEL ABOVE.
2. PROVIDE MINIMUM 4" TALL CURB OR SLEEVE FOR ALL CONDUIT FLOOR PENETRATIONS.

3A TYPICAL VERTICAL CONDUIT SUPPORT
NTS



NOTES:

1. ALL WIRES TO BE NEATLY LACED.
2. AT THE POINT OF ATTACHMENT OF THE GROUNDING LUG TO THE CABINET, THE SURFACES SHALL BE SCRAPED FREE OF PAINT AND THROUGHLY CLEANED TO INSURE PROPER BONDING.
3. NEUTRAL CONDUCTOR NOT SHOWN FOR CLARITY.

1A TYPICAL PANEL BONDING
NTS

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

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CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
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ELECTRICAL DETAILS (2 OF 2)

DRAWN BY: **FK** CHECKED BY: **JR**
SHEET NUMBER **E8.2.03** VOLUME: **3**

3/20/2023 12:42:24 AM

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GENERAL NOTES

1. SPECIFICATIONS AND PLAN DRAWINGS REPRESENT THE PHYSICAL AND VISUAL LAYOUT AND FUNCTION OF THE LIGHTING DESIGN. THEY DO NOT ATTEMPT TO BE INCLUSIVE OF ALL DETAILS NECESSARY TO COMPLETE THE WORK.
2. LIGHTING DESIGN TEAM SHALL BE MADE AWARE OF ANY CONFLICTS ARISING DURING THE BID OR CONSTRUCTION PROCESS.
3. MINOR DETAILS, ABSENT FROM THE DRAWINGS, WHICH ARE NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE DESIGN, SHALL BE INCLUDED, AS IF THEY WERE HEREIN SPECIFIED IN THE DRAWINGS.
4. REFER TO ARCHITECTS AND INTERIOR DESIGN DRAWINGS FOR PLACEMENT OF ALL LUMINAIRES, EXCEPT WHERE SPECIFICALLY NOTED.
5. ALL LUMINAIRES LOCATIONS SHALL BE COORDINATED WITH OTHER TRADES IN ORDER TO AVOID INTERFERENCES. IF RELOCATION OF LUMINAIRES IS REQUIRED AS PART OF THE WORK IN THESE CONTRACT DOCUMENTS, MORLIGHTS SHALL BE INFORMED OF THE POTENTIAL NEW LOCATION PRIOR TO INSTALLATION.
6. LUMINAIRES SHALL CONFORM TO THE STANDARDS SET FORTH IN THE CONTRACT DRAWINGS AND SPECIFICATIONS.
7. THE OWNER SHALL NOT BE HELD RESPONSIBLE FOR THE OMISSION OR ABSENCE OF ANY DETAIL, CONSTRUCTION FEATURE, ETC. WHICH MAY BE REQUIRED IN THE PRODUCTION OF LUMINAIRES. THE RESPONSIBILITY OF ACCURATELY FABRICATING THE LUMINAIRES TO THE FULFILLMENT OF THIS SPECIFICATION RESTS WITH THE CONTRACTOR.
8. ALL EMERGENCY DIRECTION LISTED HEREIN IS FOR REFERENCE ONLY, ENGINEER OF RECORD / ELECTRICAL SHEET TO PROVIDE FINAL CODE COMPLIANCE DIRECTION.
9. ALL ML- # LUMINAIRES ARE PRODUCTS SPECIFIED BY MORLIGHTS. OTHER TAGS ARE SPECIFICATIONS BY OTHER PARTIES.

CONTRACTOR NOTES

1. THE CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS PRIOR TO BEGINNING WORK AND INCLUDE ALL COSTS TO MEET EXISTING SITE CONDITIONS IN BASE BID.
2. THE CONTRACTOR SHALL COORDINATE EXACT QUANTITIES AND CRITICAL DIMENSIONS WITH FIELD CONDITIONS WHETHER THE CONTRACTOR PROVIDES THE LUMINAIRES AND CONTROLS, OR IF THEY ARE SUPPLIED BY OTHER PARTIES.
3. THE CONTRACTOR SHALL COORDINATE AND VERIFY THAT ALL APPROPRIATE FRAMING SUPPORT STRUCTURES, MOUNTING BRACKETS, AND OTHER REQUIRED STRUCTURAL CONNECTIONS ARE PROVIDED BY THE GENERAL CONTRACTOR AND OTHER TRADES TO INSURE TIMELY, NEAT INSTALLATION OF ALL LUMINAIRES WITH APPROPRIATE SUPPORT.
4. THE CONTRACTOR SHALL COORDINATE AND SUPPLY ANY ASSOCIATED MOUNTING HARDWARE, CONDUIT CONNECTIONS, OR ASSOCIATED APPURTENANCES TO EFFECTIVELY INSTALL THE LUMINAIRES. PROVIDE EACH LUMINAIRE WITH COMPLETE INSTALLATION INSTRUCTIONS.
5. ALL LUMINAIRES SHALL BE INSTALLED IN STRICT CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS. ALL LUMINIARES SHALL BE INSTALLED ACCORDING TO NEC REQUIREMENTS, ADA, AND ALL APPLICABLE CODES.
6. ALL CONTINUOUS ROW LUMINAIRES SHALL BE RIGIDLY ALIGNED FOR TRUE IN-LINE APPEARANCE.
7. EXPOSED LUMINAIRES, TRIMS, REFLECTORS AND OTHER EQUIPMENT SHALL BE INSTALLED AFTER ALL PLASTERING, PAINTING AND OTHER POTENTIALLY DAMAGING FINISHES ARE COMPLETE. DAMAGED, BLEMISHED, DENTED OR OTHERWISE UNSATISFACTORILY INSTALLED LUMINAIRES SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER OR DESIGN TEAM.

AIMING AND ADJUSTMENT

1. AIMING WILL OCCUR AFTER FULL COMPLETION OF INSTALLATION. ALL ADJUSTABLE LUMINAIRES SHALL BE AIMED, LOCKED, AND FOCUSED BY THE CONTRACTOR WITH THE SUPERVISION OF MORLIGHTS. ALL EQUIPMENT SUCH AS LADDERS, LIFTS, ETC. REQUIRED TO COMPLETE AIMING IN A TIMELY AND EFFICIENT MANNER SHALL BE PROVIDED BY THE CONTRACTOR AT THE REQUEST OF MORLIGHTS.
2. WHERE AND WHEN POSSIBLE LIGHTING WILL BE AIMED/FOCUSED DURING NORMAL WORKING HOURS, HOWEVER IN SOME INSTANCES LIGHTING MAY NEED TO BE AIMED AFTER SUNDOWN AT NO ADDITIONAL COST TO THE OWNER.
3. ALL LIGHTING CONTROL SYSTEMS SHALL BE ADJUSTED AT THE DIRECTION OF MORLIGHTS AFTER FULL COMPLETION AND TESTING OF ALL THE DEVICES. ALL LUMINAIRES CONTROLLED BY THESE SYSTEMS SHALL BE INSTALLED, AND ALL SENSORS, DIMMERS, RELAYS, KEYPADS, TOUCH SCREENS, ETC SHALL BE TESTED, PROGRAMMED, AND FUNCTIONS FOR ADJUSTING.

DRIVER NOTES

1. DRIVERS/TRANSFORMERS SHALL BE SIZED TO ACCOMMODATE THE INTENDED LOAD AND UTILIZED TO OPERATE LAMPS IN METHODS APPROVED AND ACCEPTABLE BY UNDERWRITER'S LABORATORY AND ACCEPTABLE BY CODE AND LOCAL JURISDICTIONS.
2. ALL DRIVERS/TRANSFORMERS TO BE NRLT LISTED, MOUNTED, PLACED, AND INSTALLED IN ACCORDANCE TO CODE AND LOCAL JURISDICTIONS.
3. REFER TO SPECIFICATIONS FOR FURTHER DETAILS AND REQUIREMENTS.

PROJECT NOTES

1. PROJECT LIGHTING DESIGN DRAWINGS AND SPECIFICATIONS PROVIDE DETAIL AS TO REQUIRED CONTROLLABILITY, DIMMING AND COLOR CHANGING CONTROL REQUIREMENTS ONLY. THESE DOCUMENTS ARE NOT INTENDED TO SHOW PHYSICAL WIRING TOPOLOGY, CIRCUITING, NOR ANY OTHER ELECTRICAL INSTALLATION DETAILS. FOR ELECTRICAL AND CIRCUITING AS WELL AS EMERGENCY LIGHTING AND EXIT SIGN INFORMATION, SEE THE ELECTRICAL DRAWINGS. ALL OTHER CONTROL ITEMS SHALL BE TREATED AS 'MEANS AND METHODS' ITEMS TO BE COORDINATED BY THE CONSTRUCTION TEAM IN ORDER TO MEET PROJECT CONTROLLABILITY REQUIREMENTS AS SHOWN.
2. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL LUMINIARES, ALL LINE AND LOW VOLTAGE PIPE AND WIRE, LIGHTING CONTROL COMPONENTS AND USER INTERFACE DEVICES.
3. OWNERSHIP MAY ELECT TO UTILIZE THE MORLIGHTS SUPPLY ASSIST PROGRAM WHEREBY LUMINAIRE PRICING WILL BE NEGOTIATED DIRECTLY WITH A PREFERRED DISTRIBUTOR. THE INSTALLATION ELECTRICAL CONTRACTOR IS, IN ALL SITUATIONS, RESPONSIBLE FOR REVIEWING, COORDINATING, AND VERIFYING FIELD CONDITIONS, LENGTHS AND SHOP DRAWINGS.
4. ALL LINEAR PRODUCT REQUIRE SUBMITTALS THAT SHOW EXACT LAYOUT AND CONFIGURATION INCLUDING INDIVIDUAL RUN LENGTHS, DRIVERS AND DRIVER CONNECTION LOCATIONS, AND ALL OTHER WIRING INFORMATION.
5. DALI CONTROL PROTOCOL AS REFERRED TO HEREIN IS DEFINED AS IEC 60929 AND IEC 6238.
   a. DALI WIRING MAY BE RUN AS CLASS 1 OR CLASS 2, BUT NOT A COMBINATION OF THE TWO. THIS MAY ENABLE TO PROJECT TO BE INSTALLED WITH THE CONTROL WIRES SHARING A CONDUIT WITH THE POWER WIRES.
   b. WIRE RUN TOPOLOGY IS POLARITY INDEPENDENT AND MAY BE RUN AS STAR, DAISY-CHAIN, OR T-TAP.
   c. WIRE TYPE AND WIRE RUN LENGTHS SHALL BE ENGINEERED SUCH THAT DALI BUSS POWER DOES NOT 'T DROP BELOW 18 VDC.
   d. MAX NUMBER OF DEVICES SHALL BE LIMITED TO 55 DEVICES PER DALI LOOP.
   e. EACH DALI DEVICE MUST BE ADDRESSED AND PATCHED IN THE LIGHTING CONTROL SYSTEM BY THE COMMISSIONING AGENT OF THE CENTRAL LIGHTING CONTROL CUSTOM.
   f. DRIVERS MUST BE SET TO DALI MODE BY MANUFACTURER OR ELECTRICAL CONTRACTOR UPON INSTALLATION.
6. 0-10V CONTROL PROTOCOL AS REFERRED TO HEREIN IS DEFINED AS ANSI E1.3 – 2001 (R2016)
   a. WIRE RUN TOPOLOGY IS POLARITY INDEPENDENT AND MAY BE RUN AS STAR, DAISY-CHAIN, OR T-TAP.
   b. WIRE TYPE AND WIRE RUN LENGTHS SHALL BE ENGINEERED SUCH VOLTAGE DROP ON ANY INDIVIDUAL CARRIER IS LESS THAN 0.1 VDC.
7. ALL KEYPADS SHALL BE PROVIDED WITH BLANK KEYPADS AND FACEPLATES FOR INSTALL AND USED DURING COMMISSIONING, AS WELL AS A FINAL KEYPADS AND FACEPLATES WITH ENGRAVING TO BE DETERMINED AFTER FINAL WALK THROUGH WITH OWNERSHIP. COMMISSIONING AGENT SHALL REPLACE TEMPORARY HARDWARE WITH FINAL HARDWARE WHEN ENGRAVING IS COMPLETE.

LUMINAIRE DESIGNATION CODES

TYPE MARK	DESCRIPTION	KEY
ML-A#	ADJUSTABLE DOWNLIGHT	TRIM / TRIMLESS
ML-B#	FIXED DOWNLIGHT	TRIM / TRIMLESS
ML-C#	CYLINDER / SURFACE MOUNT DOWNLIGHT	
ML-D#	DECORATIVE (BY MORLIGHTS)	REFER TO DRAWINGS
ML-F#	RECESSED/SURFACE MOUNT FIXED LENGTH LINEAR (FOH)	SURFACE / RECESSED
ML-G#	INGRADE LUMINAIRES (INTERIOR)	
ML-H#	TROFFERS, HIGH-BAYS AND BOH LUMINAIRES	2 x 2 / 2 x 4
ML-K#	NODE BASED CUSTOM LUMINAIRES	REFER TO DRAWINGS
ML-L#	LINEAR LED (BY THE FOOT)	SURFACE / RECESSED
ML-M#	LINEAR LED (IN MILLWORK)	
ML-P#	PENDENT MOUNT FIXED LENGTH LINEAR (FOH)	
ML-R#	THEATRICAL LIGHTING	REFER TO DRAWINGS
ML-S#	WALL MOUNT LUMINAIRES	
ML-T#	TRACK LIGHTING	
ML-U#	SUBMERSIBLE OR FIBER OPTIC LIGHTING	REFER TO DRAWINGS
ML-W#	WALL WASH / GRAZE LIGHTING (INTERIOR)	SURFACE / RECESSED
ML-X#	EXTERIOR LUMINAIRES	REFER TO DRAWINGS
ML-Y#	INGRADE LUMINAIRES (EXTERIOR)	
ML-Z#	ALL OTHER CUSTOM LUMINAIRES	REFER TO DRAWINGS

ADDITIONAL ANNOTATIONS

	FILLED HALF REGIONS DENOTE FIXTURE AS EMERGENCY
	INDICATES OCCUPANCY SENSOR ON LUMINAIRE

NOTES
1. '#' REPRESENTS THE NUMERIC DESIGNATION OF THE SERIES, FOR EXAMPLE, 'ML-A1', 'ML-A2', ETC.
2. RECESSED LUMINAIRES ARE DENOTED BY A DIAGONAL SLASH.
3. ALL LUMINAIRE SELECTIONS ON DRAWINGS REPRESENT BASIC SHAPE AND SCALE OF THE PHYSICAL LUMINAIRE.
4. FOR MORE PRECISE MEASUREMENTS, REFER TO CUT SHEET PACKAGE.

CONTROLS DESIGNATION CODES

BUILDING / CENTRAL SYSTEM		KEY
KP	KEYPAD	KP
TS	TOUCH SCREEN	TS
OSC	OCCUPANCY SENSOR	OSC
PCC	PHOTOCELL	PCC
LOCAL SYSTEM		**KEY**
BS	BUTTON STATION	BS
OSL	OCCUPANCY SENSOR	OSL
PCL	PHOTOCELL	PCL
NON-SYSTEM DEVICES		**KEY**
OSW	WALL MOUNT OCCUPANCY SENSOR SWITCH	OSW
OS	CEILING MOUNT OCCUPANCY SENSOR SWITCH	OS
ST	TIMER SWITCH	ST
S	SWITCH	S
OTHER		
CRP	CONTROL RECEPTACLE PANEL	
PB	PLUG BOX	
CD	CONTROL DEVICES	
LCP	LIGHTING CONTROL PANEL	
ELP	EMERGENCY LIGHTING PANEL	
CER	CONTROL EQUIPMENT RACK	

NOTES
1. ALL CONTROLS ON DRAWINGS REPRESENT BASIC SHAPE AND SCALE OF THE PHYSICAL CONTROL.

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

CONSULTANT
MOR LIGHTS
db HMS

NOTES

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REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE: **C.O.C.A.002.01**

LIGHTING GENERAL NOTES

DRAWN BY: **NM** CHECKED BY: **CD**
SHEET NUMBER VOLUME: **3**

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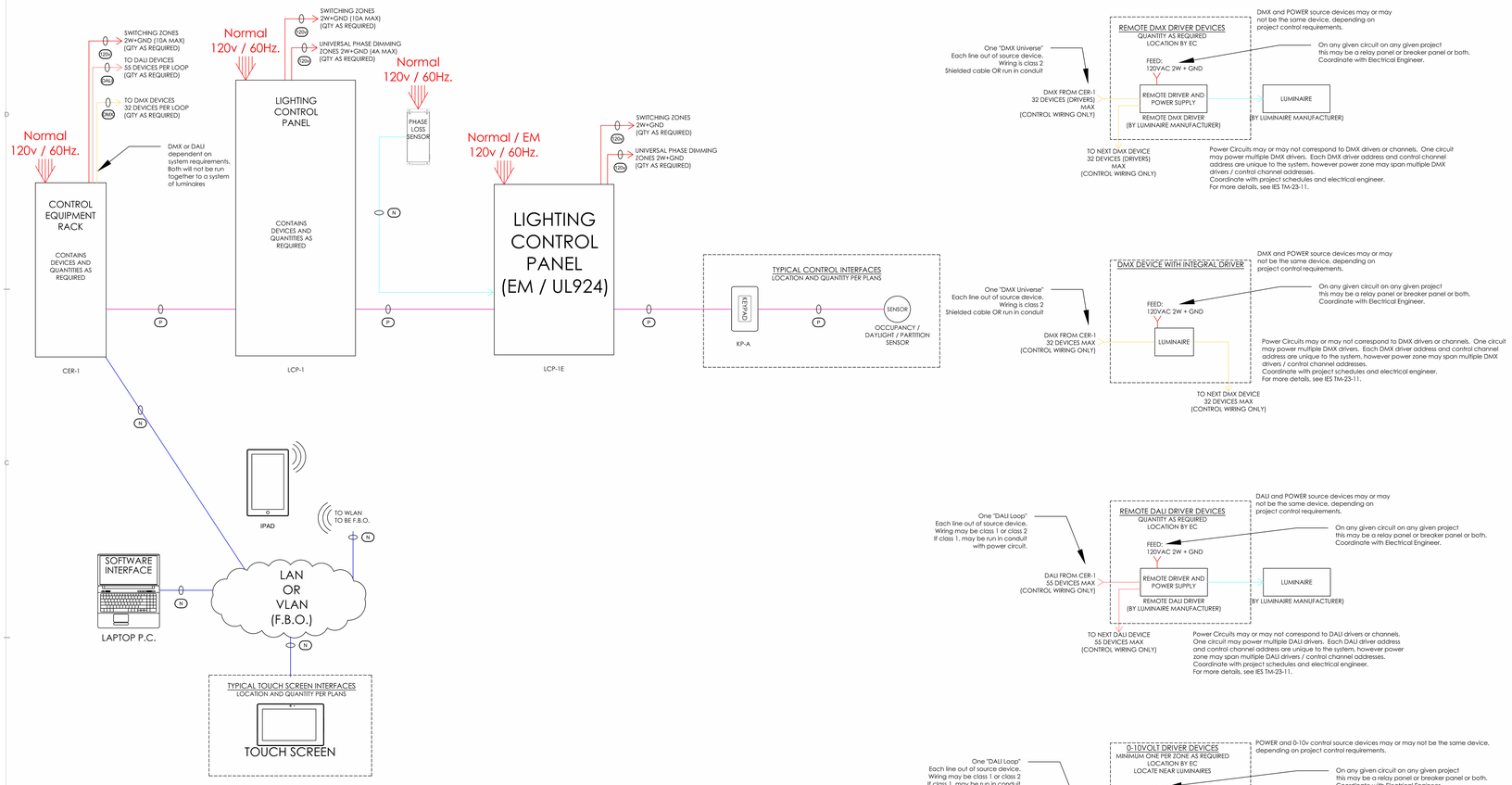

Single Line Drawing Notes:

1. All data cable shall be continuous un-spliced runs from termination to termination point unless otherwise noted.
2. All cables shall be tagged at both ends with wire designations as shown in final approved lighting control manufacturer submittal drawings.
3. All EM luminaires to be fully controllable under normal conditions. "Nite Lighting" to be programmed into normal lighting control system.
4. For circuiting, see E sheets.
5. Variations from exact items, wiring methods, topologies and ideas shown here must be approved in writing by design team.
6. See specification section 26 09 34 for approved controls manufacturers. Alternates must be approved in writing by lighting design team. Absolutely no compromises will be allowed on controllability, dimming performance, user interfaces and control protocol requirements from what is shown here.

Wiring Legend:

DMX - Digital Multiplexing
Belden #9729 or approved equal
Maximum 500m length, no splicing allowed
Maximum of 30 devices per run

DALI -Digital Addressable Lighting Interface
2 control wires -- 55 devices/16 zones per pair
Wire size, type and length as required
to maintain voltage drop of < 2v

N - Ethernet Network Cable
Cat6a or approved Equal
Maximum 100m length, no splicing allowed
1 device per run

P - Vendor Specific Cable
Requirements vary by manufacturer

CC - Contact Closure
2 x #18 AWG
Maximum 1000'

0-10v - 0 - 10v Analog Control
2 control wires -- 1 zone per pair
Wire type and size as required to maintain
voltage no lower than 10v from source

LV - Power between Driver and Luminaire
Wire size, type and length to maintain voltage
as required by luminaire manufacturer

120v -120v / 60Hz Power
Specification by electrical engineer

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PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

LIGHTING CONTROLS

DRAWN BY: **NM**
CHECKED BY: **CD**
SHEET NUMBER
VOLUME: **3**

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ARCHITECTURAL LIGHTING FIXTURE SCHEDULE

Type Mark	Lamp	Apparent Load	Count	Comments
ML-B1	LED	7 VA	230	
ML-B3	LED	3 VA	79	
ML-C1	LED	7 VA	209	
ML-F1 32'	LED	256 VA	2	
ML-F1 43'	LED	344 VA	18	
ML-F2 9'	LED	55 VA	16	
ML-F2 10' 6"	LED	64 VA	1	
ML-F2 21'	LED	128 VA	3	
ML-F2 22' 6"	LED	137 VA	8	
ML-F2 28' 6"	LED	174 VA	1	
ML-F11 5'	LED	57 VA	103	
ML-H1	LED	39 VA	179	
ML-H2	LED	49 VA	95	
ML-H3	LED	52 VA	120	
ML-H4	LED	91 VA	54	
ML-H5	LED	45 VA	78	
ML-H6	LED	81 VA	334	
ML-H7	LED	35 VA	22	
ML-H8	LED	31 VA	22	
ML-L1 10' 6"	LED	77 VA	111	
ML-S1	LED	37 VA	51	
ML-S2	LED	108 VA	15	
ML-W1 202'	LED	1616 VA	1	
ML-W3	LED	3 VA	30	
ML-W11 5'	LED	27 VA	3	
ML-W11 6'	LED	32 VA	2	
ML-W11 7'	LED	37 VA	3	
ML-W11 9'	LED	48 VA	2	
ML-W11 10'	LED	53 VA	2	
ML-W11 19'	LED	101 VA	2	
ML-X1	LED	10 VA	4	

ARCHITECTURAL LIGHTING DEVICE SCHEDULE

Type Mark	Description	Count	Comments
DS	Ceiling mounted daylight sensor	1	
KP	Keypad	22	
KP/OS	Keypad with Occ Sensor	7	
OS	Occ Sensor	95	
OS/DT	Ceiling mounted occupancy sensor	97	

ARCHITECTURAL LIGHTING FIXTURE ZONE SCHEDULE

CDA_Zone	Type Mark	Lamp	Apparent Load	Count	Comments
Z01-500	ML-H6	LED	81 VA	6	
Z01-501	ML-H1	LED	39 VA	4	
Z01-502	ML-H7	LED	35 VA	9	
Z01-503	ML-H1	LED	39 VA	1	
Z01-503	ML-H7	LED	35 VA	3	
Z01-504	ML-H8	LED	31 VA	6	
Z01-505	ML-H8	LED	31 VA	10	
Z01-506	ML-H8	LED	31 VA	6	
Z01-507	ML-H2	LED	49 VA	1	
Z01-508	ML-H2	LED	49 VA	1	
Z01-510	ML-H2	LED	49 VA	2	
Z01-511	ML-H2	LED	49 VA	1	
Z02-001	ML-F1 32'	LED	256 VA	2	
Z02-001	ML-F1 43'	LED	344 VA	18	
Z02-002	ML-C1	LED	7 VA	67	
Z02-003	ML-F2 9'	LED	55 VA	16	
Z02-003	ML-F2 10' 6"	LED	64 VA	1	
Z02-003	ML-F2 21'	LED	128 VA	3	
Z02-003	ML-F2 22' 6"	LED	137 VA	8	
Z02-003	ML-F2 28' 6"	LED	174 VA	1	
Z02-004	ML-W1 202'	LED	1616 VA	1	
Z02-510	ML-H5	LED	45 VA	12	
Z02-511	ML-H4	LED	91 VA	15	
Z02-512	ML-H3	LED	52 VA	29	
Z02-513	ML-H3	LED	52 VA	22	
Z02-514	ML-H3	LED	52 VA	60	
Z02-515	ML-H5	LED	45 VA	12	
Z02-517	ML-H5	LED	45 VA	25	
Z02-519	ML-H4	LED	91 VA	2	
Z02-520	ML-H3	LED	52 VA	9	
Z02-525	ML-H4	LED	91 VA	14	
Z02-526	ML-H6	LED	81 VA	45	
Z02-527	ML-H6	LED	81 VA	36	
Z02-528	ML-H6	LED	81 VA	66	
Z02-529	ML-H6	LED	81 VA	67	
Z02-530	ML-H6	LED	81 VA	46	
Z02-531	ML-H1	LED	39 VA	13	
Z02-532	ML-H6	LED	81 VA	37	
Z02-533	ML-H6	LED	81 VA	31	
Z02-533	ML-X1	LED	10 VA	1	
Z02-534	ML-H2	LED	49 VA	42	
Z02-534	ML-H7	LED	35 VA	1	
Z02-535	ML-H2	LED	49 VA	47	
Z02-535	ML-X1	LED	10 VA	2	
Z03-001	ML-L1 10' 6"	LED	77 VA	22	
Z03-002	ML-L1 10' 6"	LED	77 VA	29	
Z03-003	ML-L1 10' 6"	LED	77 VA	22	
Z03-005	ML-L1 10' 6"	LED	77 VA	38	
Z03-012	ML-F11 5'	LED	57 VA	35	
Z03-013	ML-F11 5'	LED	57 VA	8	

ARCHITECTURAL LIGHTING FIXTURE ZONE SCHEDULE

CDA_Zone	Type Mark	Lamp	Apparent Load	Count	Comments
Z03-014	ML-F11 5'	LED	57 VA	20	
Z03-015	ML-F11 5'	LED	57 VA	40	
Z03-101	ML-B1	LED	7 VA	35	
Z03-102	ML-B1	LED	7 VA	17	
Z03-103	ML-B1	LED	7 VA	18	
Z03-104	ML-B1	LED	7 VA	12	
Z03-105	ML-B1	LED	7 VA	12	
Z03-106	ML-B1	LED	7 VA	12	
Z03-107	ML-B1	LED	7 VA	16	
Z03-108	ML-B1	LED	7 VA	12	
Z03-109	ML-B1	LED	7 VA	14	
Z03-110	ML-B1	LED	7 VA	12	
Z03-111	ML-B1	LED	7 VA	12	
Z03-112	ML-B1	LED	7 VA	12	
Z03-113	ML-B1	LED	7 VA	18	
Z03-114	ML-B1	LED	7 VA	12	
Z03-115	ML-B1	LED	7 VA	16	
Z03-121	ML-C1	LED	7 VA	16	
Z03-122	ML-C1	LED	7 VA	24	
Z03-123	ML-C1	LED	7 VA	24	
Z03-124	ML-C1	LED	7 VA	30	
Z03-125	ML-C1	LED	7 VA	16	
Z03-126	ML-C1	LED	7 VA	12	
Z03-127	ML-C1	LED	7 VA	12	
Z03-128	ML-C1	LED	7 VA	8	
Z03-130	ML-S2	LED	108 VA	15	
Z03-205	ML-B3	LED	3 VA	4	
Z03-206	ML-S1	LED	37 VA	2	
Z03-207	ML-W3	LED	3 VA	3	
Z03-208	ML-B3	LED	3 VA	6	
Z03-209	ML-S1	LED	37 VA	5	
Z03-210	ML-W11 5'	LED	27 VA	1	
Z03-210	ML-W11 19'	LED	101 VA	1	
Z03-211	ML-W11 5'	LED	27 VA	1	
Z03-211	ML-W11 19'	LED	101 VA	1	
Z03-212	ML-S1	LED	37 VA	8	
Z03-213	ML-B3	LED	3 VA	8	
Z03-214	ML-B3	LED	3 VA	5	
Z03-251	ML-W11 5'	LED	27 VA	1	
Z03-251	ML-W11 10'	LED	53 VA	1	
Z03-252	ML-B3	LED	3 VA	3	
Z03-253	ML-W3	LED	3 VA	9	
Z03-254	ML-S1	LED	37 VA	4	
Z03-261	ML-W11 6'	LED	32 VA	1	
Z03-261	ML-W11 10'	LED	53 VA	1	
Z03-262	ML-B3	LED	3 VA	3	
Z03-263	ML-S1	LED	37 VA	4	
Z03-264	ML-S1	LED	37 VA	2	
Z03-265	ML-B3	LED	3 VA	11	
Z03-271	ML-W11 9'	LED	48 VA	2	
Z03-272	ML-B3	LED	3 VA	7	
Z03-273	ML-S1	LED	37 VA	9	
Z03-274	ML-W3	LED	3 VA	4	
Z03-275	ML-B3	LED	3 VA	5	
Z03-276	ML-W11 7'	LED	37 VA	2	
Z03-277	ML-B3	LED	3 VA	7	
Z03-278	ML-S1	LED	37 VA	9	
Z03-279	ML-B3	LED	3 VA	10	
Z03-280	ML-B3	LED	3 VA	2	

ARCHITECTURAL LIGHTING FIXTURE ZONE SCHEDULE

CDA_Zone	Type Mark	Lamp	Apparent Load	Count	Comments
Z03-281	ML-S1	LED	37 VA	2	
Z03-502	ML-H1	LED	39 VA	2	
Z03-503	ML-H5	LED	45 VA	2	
Z03-504	ML-H5	LED	45 VA	2	
Z03-506	ML-H5	LED	45 VA	3	
Z03-507	ML-H1	LED	39 VA	1	
Z03-509	ML-H1	LED	39 VA	3	
Z03-510	ML-H1	LED	39 VA	4	
Z03-511	ML-H1	LED	39 VA	3	
Z03-512	ML-H1	LED	39 VA	53	
Z03-513	ML-H7	LED	35 VA	3	
Z03-533	ML-H1	LED	39 VA	6	
Z03-534	ML-H1	LED	39 VA	4	
Z03-535	ML-H1	LED	39 VA	4	
Z03-536	ML-H1	LED	39 VA	6	
Z03-537	ML-H1	LED	39 VA	21	
Z03-538	ML-H5	LED	45 VA	6	
Z03-542	ML-H1	LED	39 VA	2	
Z03-544	ML-H1	LED	39 VA	4	
Z03-545	ML-H1	LED	39 VA	7	
Z03-546	ML-H1	LED	39 VA	1	
Z03-547	ML-H1	LED	39 VA	8	
Z03-550	ML-H4	LED	91 VA	8	
Z03-556	ML-H4	LED	91 VA	7	
Z03-558	ML-H1	LED	39 VA	2	
Z03-559	ML-H4	LED	91 VA	6	
Z03-560	ML-H1	LED	39 VA	2	
Z03-560	ML-H5	LED	45 VA	1	
Z03-561	ML-H1	LED	39 VA	1	
Z03-564	ML-H1	LED	39 VA	2	
Z03-565	ML-H1	LED	39 VA	2	
Z03-567	ML-H5	LED	45 VA	5	
Z03-568	ML-H5	LED	45 VA	4	
Z03-569	ML-X1	LED	10 VA	1	
Z03-570	ML-H4	LED	91 VA	2	
Z03-571	ML-H5	LED	45 VA	2	
Z03-572	ML-H1	LED	39 VA	2	
Z03-573	ML-H1	LED	39 VA	2	
Z03-574	ML-H1	LED	39 VA	5	
Z03-575	ML-H1	LED	39 VA	1	
Z03-576	ML-H1	LED	39 VA	2	
Z03-577	ML-H1	LED	39 VA	3	
Z03-578	ML-H1	LED	39 VA	4	
Z03-579	ML-H5	LED	45 VA	4	
Z03-580	ML-H1	LED	39 VA	4	
Z04-001	ML-W11 7'	LED	37 VA	1	
Z04-002	ML-S1	LED	37 VA	3	
Z04-003	ML-W3	LED	3 VA	6	
Z04-004	ML-B3	LED	3 VA	4	
Z04-005	ML-B3	LED	3 VA	1	
Z04-011	ML-W11 6'	LED	32 VA	1	
Z04-012	ML-S1	LED	37 VA	3	
Z04-013	ML-W3	LED	3 VA	6	
Z04-014	ML-B3	LED	3 VA	2	
Z04-015	ML-W3	LED	3 VA	2	
Z04-016	ML-B3	LED	3 VA	1	
Z04-501	ML-H7	LED	35 VA	3	
Z04-502	ML-H7	LED	35 VA	3	
Z04-503	ML-H2	LED	49 VA	1	

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NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE: **C.O.C.A.002.01**

LIGHTING SCHEDULES

DRAWN BY: **NM**
CHECKED BY: **CD**
SHEET NUMBER
VOLUME: **3**

EL0.03

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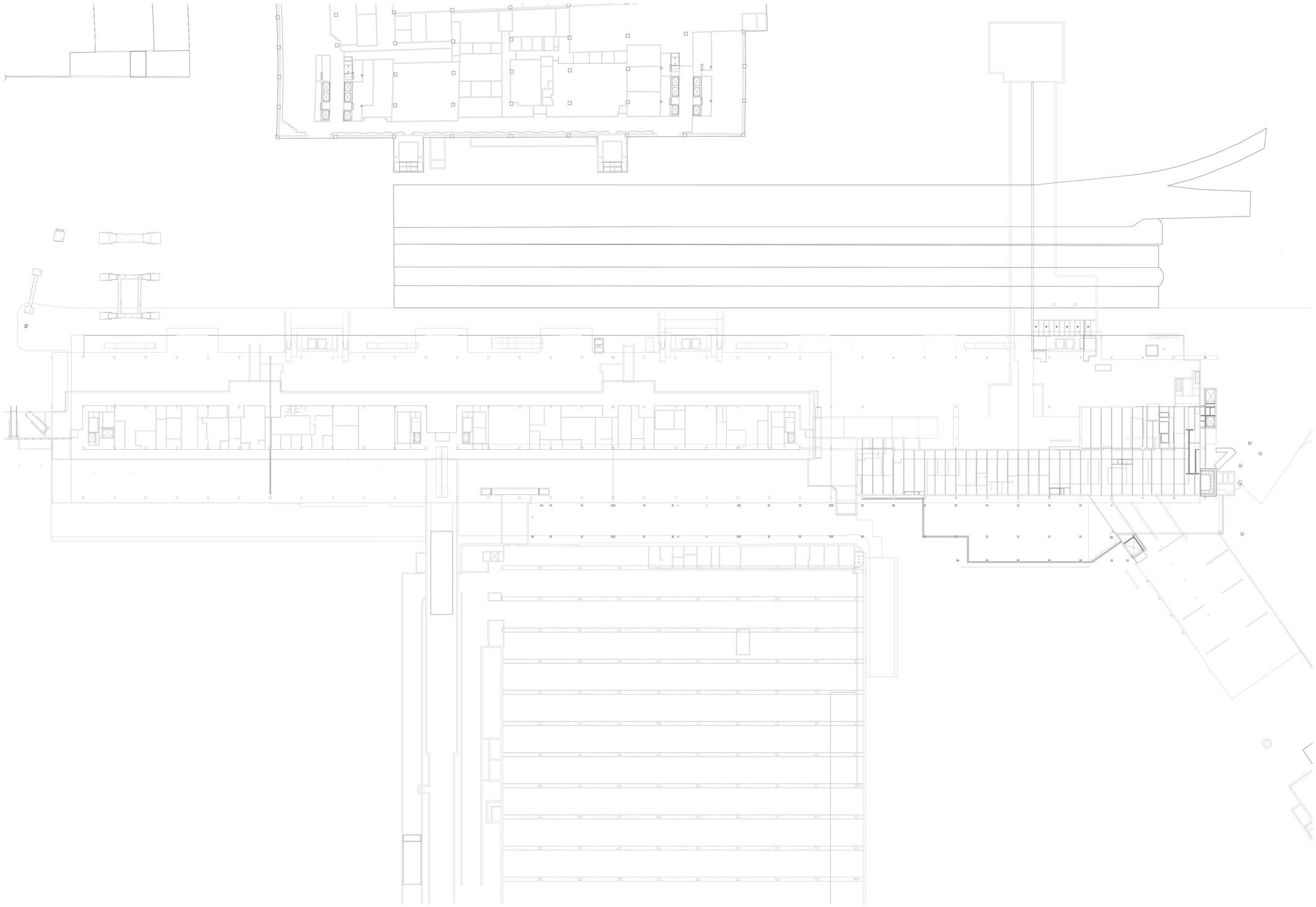

1A OVERALL LIGHTING PLAN - BASEMENT LEVEL
1/32" = 1'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA
Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

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OVERALL LIGHTING ZONING PLAN - BASEMENT LEVEL

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SHEET NUMBER
VOLUME: **3**

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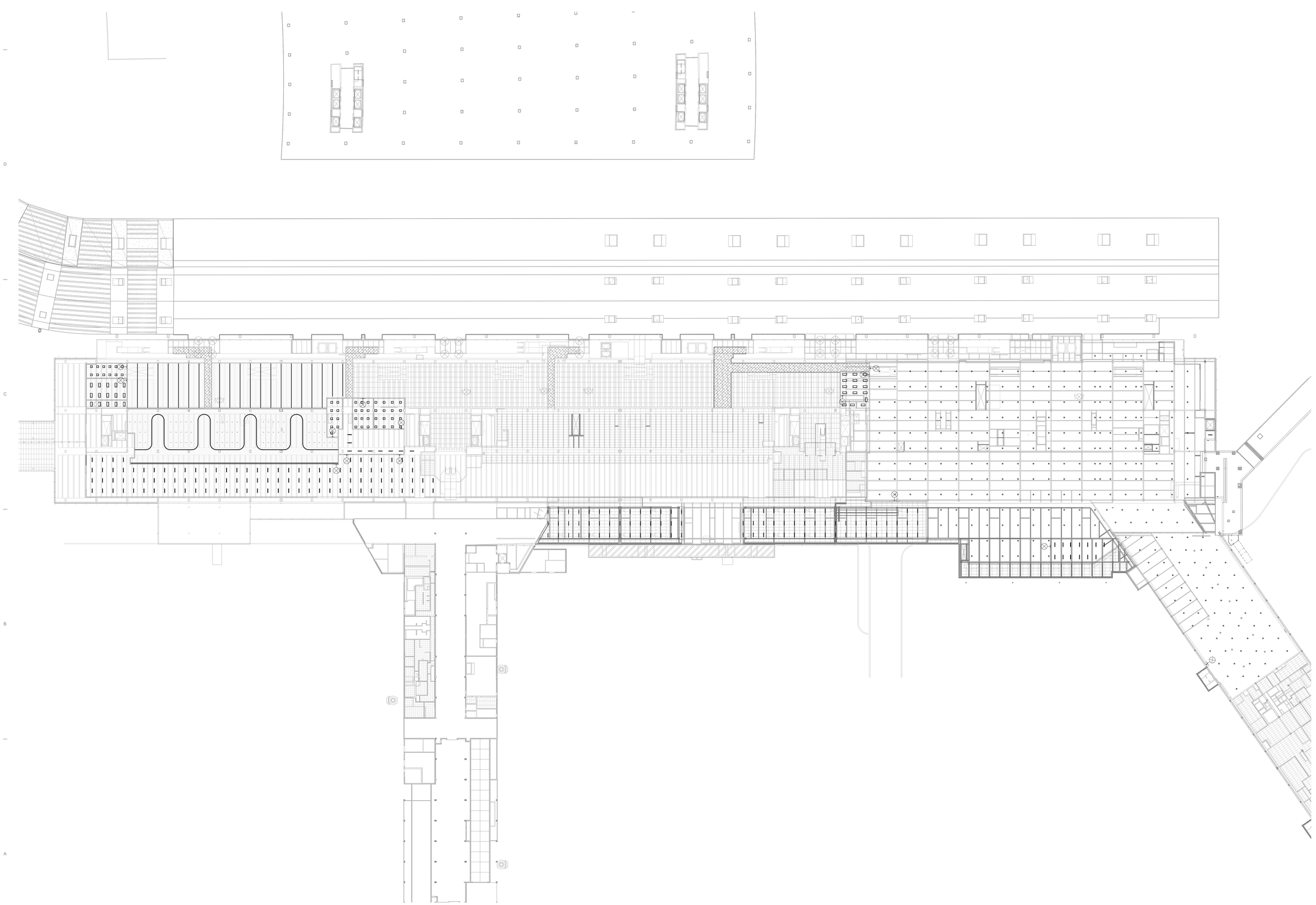

1A OVERALL LIGHTING PLAN - LOWER LEVEL
1/32" = 1'-0"

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Chicago Department of Aviation

CITY OF CHICAGO
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OVERALL LIGHTING ZONING PLAN - LOWER LEVEL

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CHECKED BY: **CD**
SHEET NUMBER
VOLUME: **3**

EL1.2.02

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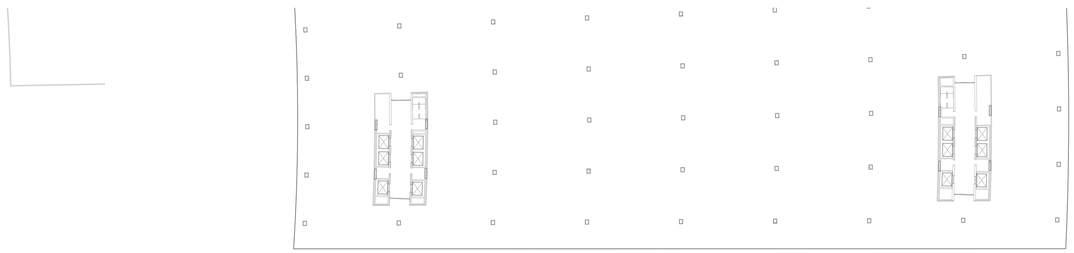
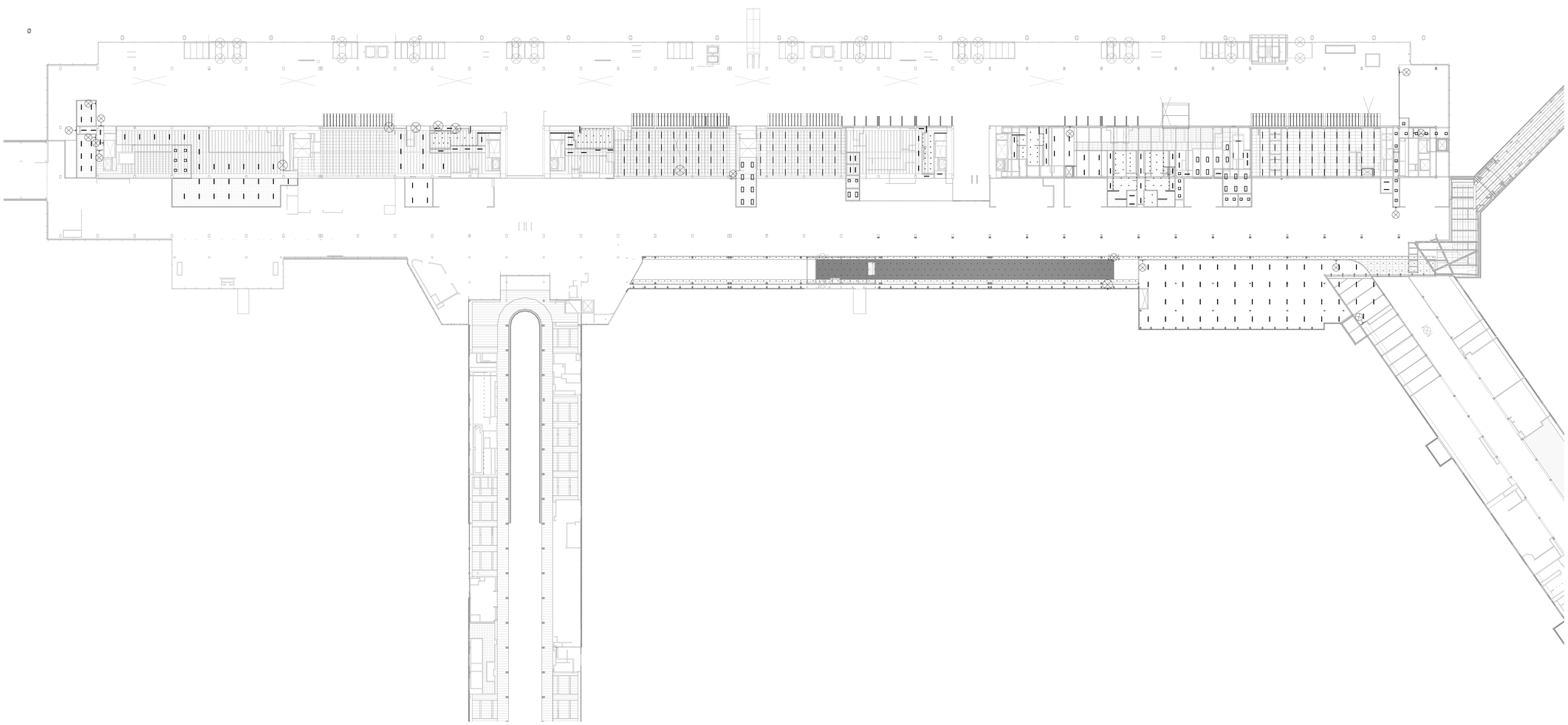
KEYED NOTES #



GENERAL NOTES

1. FIRE ALARM SYSTEM SHOWN ON PLANS IS AN ADDRESSABLE TYPE SYSTEM. THE COMPLETE SYSTEM SHALL BE DESIGNED BY A NICET LEVEL IV DESIGNER OR LICENSED PROFESSIONAL FIRE PROTECTION ENGINEER, WHO WILL PROVIDE DOCUMENTATION THAT THE FIRE ALARM DESIGN HAS BEEN REVIEWED AND IS IN COMPLIANCE WITH STATE AND LOCAL CODES AND MANUFACTURER'S.
2. ALL NEW FIRE DIGITAL SYSTEM CONTROLLER (FDSC) EQUIPMENT PANELS SHALL BE FURNISHED AND INSTALLED AS PART OF THIS CONTRACT AND SHALL BE UTILIZED FOR THE NEW ALARM INITIATING DEVICES, ALARM NOTIFICATION DEVICES AND ASSOCIATED AIR HANDLING UNITS. PROVIDE NEW CONDUIT TO THE EXTENT POSSIBLE. CONDUCTORS ARE TO BE NEW TO THE NEAREST DEVICE WHERE REPLACMENT OF CONDUCTOR IS REQUIRED..
3. FURNISH AND INSTALL ALL ANCILLIARY COMPONENTS, HARDWARE, POWER CONNECTIONS, WIRING AND NOTIFICATION APPLIANCE CIRCUIT DEVICES AS REQUIRED FOR A COMPLETE AND OPERATING FIRE ALARM SYSTEM.
4. THE CONTRACTOR SHALL COORDINATE WITH THE SMS CONTRACTOR THE EXPANSION AND CONFIGURATION OF THE EXISTING INTERFACE BETWEEN THE SMS AND THE FIRE ALARM SYSTEM SO THAT ALL NEW ZONES ANNUNCIATE ON SMS IN A MANNER SIMILAR TO THE EXISTING ZONES.
5. DETECTOR INSTALLATION COORDINATE DETECTORS INSTALLATION WITH OTHER NEW EQUIPMENT. RELOCATE DETECTORS AS REQUIRED TO CLEAR THESE OBSTRUCTIONS. ALL DETECTORS SHALL BE READILY ACCESSIBLE FOR ROUTINE MAINTENANCE AND TESTING.
6. WIRING SYSTEMSTHE FOLLOWING FIRE ALARM WIRING SYSTEMS SHALL BE RUN IN NO MORE THAN 12-#14 IN A 3/4"C. THE FIRE DETECTION SYSTEM SHALL BE A COMPLETELY SEPARATE AND INDEPENDENT WIRING SYSTEM FROM ALL OTHER ELECTRICAL SYSTEMS. ALL AC WIRING SHALL BE SEPARATE FROM ALL DC WIRING.
7. DEVICE AND EQUIPMENT LOCATIONS PROVIDE ALL NEW DEVICES COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM. TIE INTO EXISTING FIRE ALARM SYSTEM. THE EQUIPMENT LOCATIONS SHOWN ARE SCHEMATIC. THE EXACT LOCATION OF ALL FIRE DETECTION SYSTEM EQUIPMENT SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR AND PER NFPA 72 AND ADA REQUIREMENTS AND SHALL BE ACCESSIBLE FOR MAINTENANCE AND TESTING.



1A OVERALL LIGHTING PLAN - UPPER LEVEL
1/32" = 1'-0"

DRAFT - PRE-DECISIONAL

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
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OVERALL LIGHTING ZONING PLAN - UPPER LEVEL

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SHEET NUMBER
VOLUME: **3**

EL1.2.03

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KEYED NOTES #

GENERAL NOTES

1. FIRE ALARM SYSTEM SHOWN ON PLANS IS AN ADDRESSABLE TYPE SYSTEM. THE COMPLETE SYSTEM SHALL BE DESIGNED BY A NICET LEVEL IV DESIGNER OR LICENSED PROFESSIONAL FIRE PROTECTION ENGINEER, WHO WILL PROVIDE DOCUMENTATION THAT THE FIRE ALARM DESIGN HAS BEEN REVIEWED AND IS IN COMPLIANCE WITH STATE AND LOCAL CODES AND MANUFACTURER'S.

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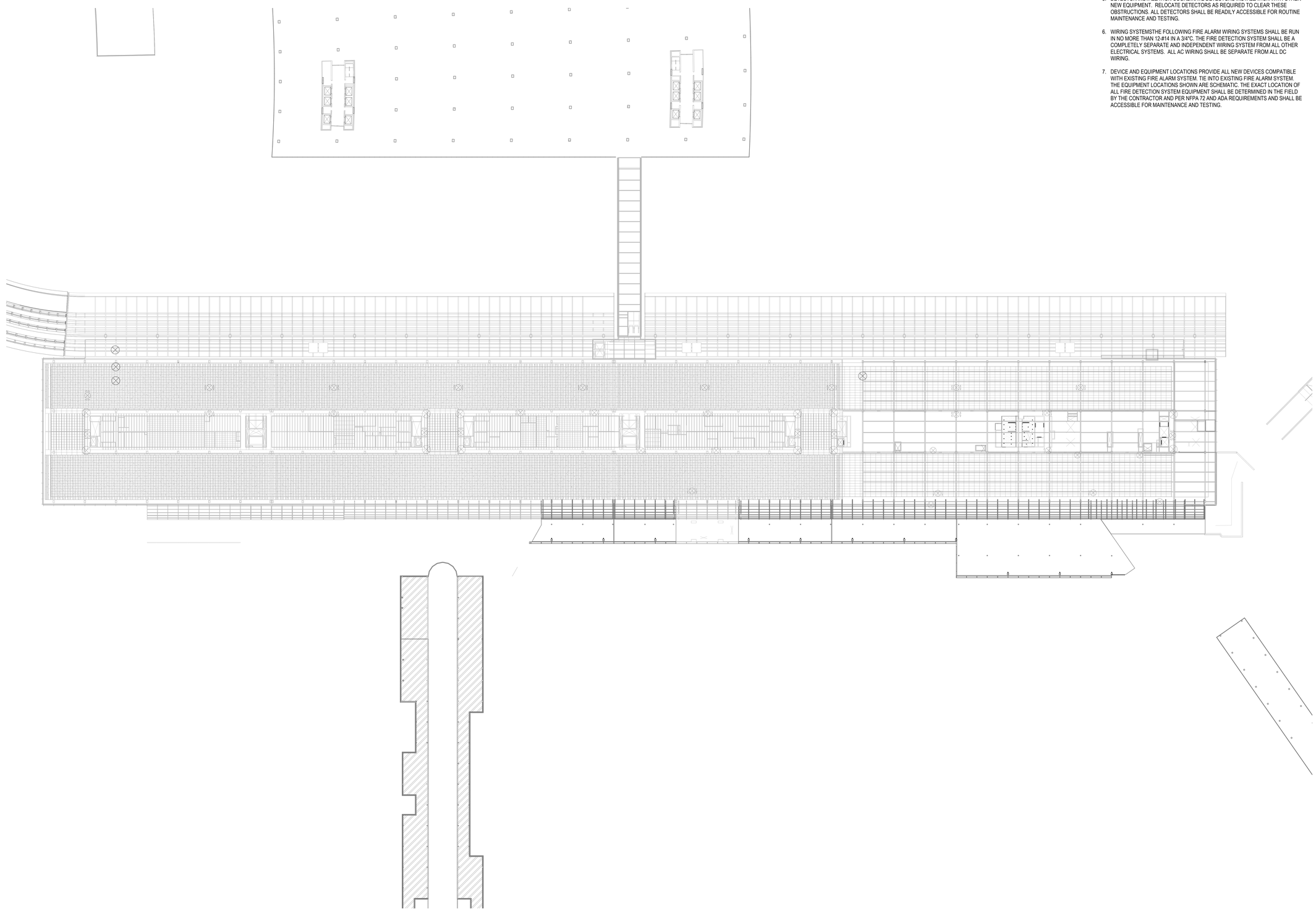

1A OVERALL LIGHTING PLAN - MEZZANINE LEVEL
1/32" = 1'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
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PROJECT NUMBER
H1220.23-00

PROJECT NAME
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CHICAGO, ILLINOIS 60666

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OVERALL LIGHTING ZONING PLAN - MEZZANINE LEVEL

DRAWN BY: **NM**
CHECKED BY: **CD**
SHEET NUMBER
VOLUME: **3**

EL1.2.04

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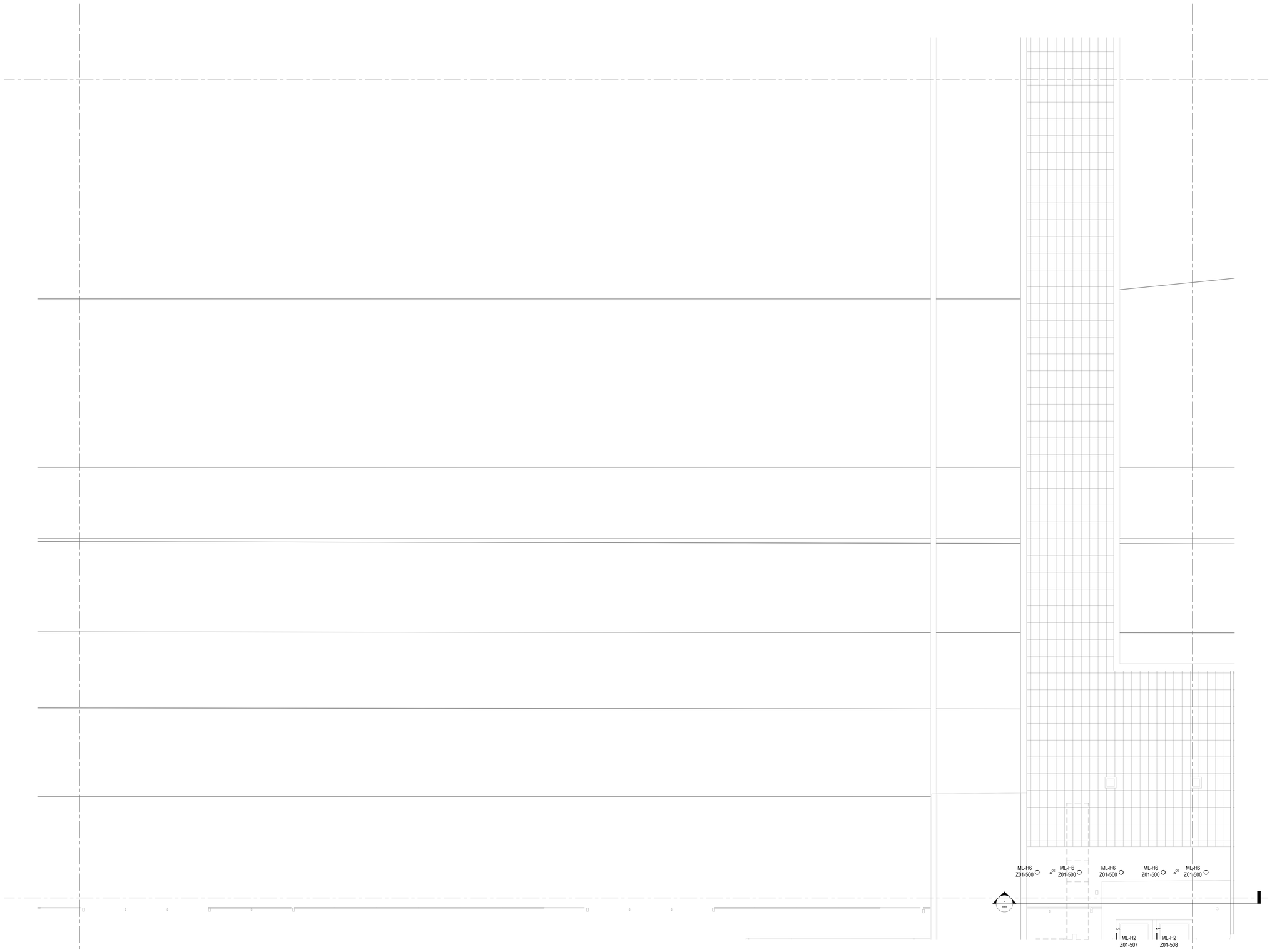
CONTRACTOR TO ASSUME WIRE NETWORK DALI AUTOMATIC LIGHTING CONTROL IS REQUIRED TO ALL ZONES TO PROVIDE AT MINIMUM THE ON/OFF RISE/LOW OPTION AS WELL AS ACCESS TO TIME CLOCK AND DAY LIGHT ZONE WHERE NEEDED.
OS/VS SENSORS MUST BE PROVIDED TO ALL ZONES TO PROVIDE 100% COVERAGE.
CONTRACTOR TO ASSUME 20% OF THE LIGHT TO BE EM AND CONTROL BY UL924 DEVICES.



1A LIGHTING PLAN BASEMENT LEVEL - RCP - AREA 1G
1/8" = 1'-0"

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LIGHTING PLAN BASEMENT LEVEL - AREA 1G

DRAWN BY: **NM**
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SHEET NUMBER
VOLUME: **3**

EL2.2.01.1G

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CONTRACTOR TO ASSUME WIRE NETWORK DALI AUTOMATIC LIGHTING CONTROL IS REQUIRED TO ALL ZONES TO PROVIDE AT MINIMUM THE ON/OFF RISE/LOW OPTION AS WELL AS ACCESS TO TIME CLOCK AND DAY LIGHT ZONE WHERE NEEDED.
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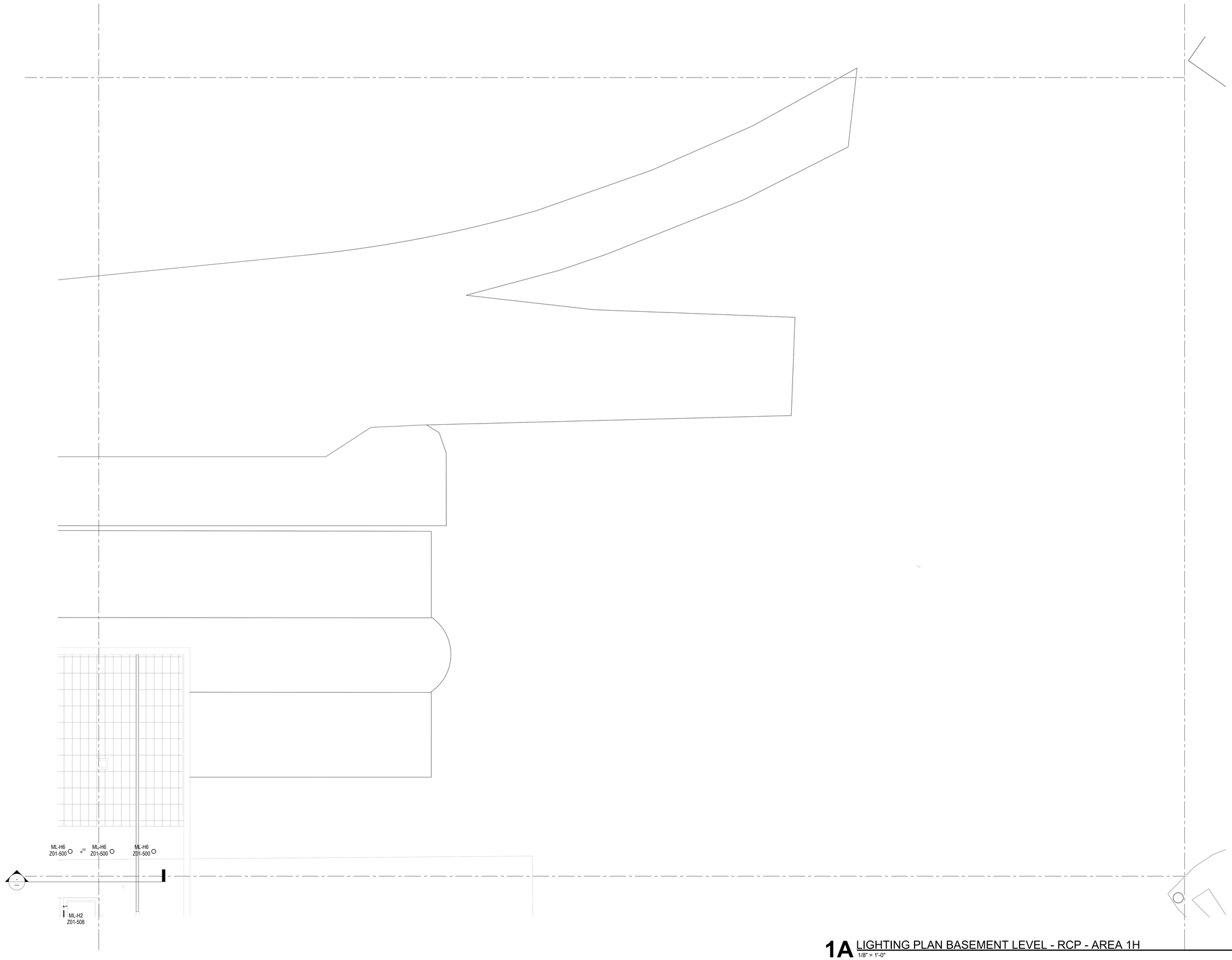

1A LIGHTING PLAN BASEMENT LEVEL - RCP - AREA 1H
1/8" = 1'-0"

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LIGHTING PLAN BASEMENT LEVEL - AREA 1H

DRAWN BY: **NM**
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SHEET NUMBER
VOLUME: **3**

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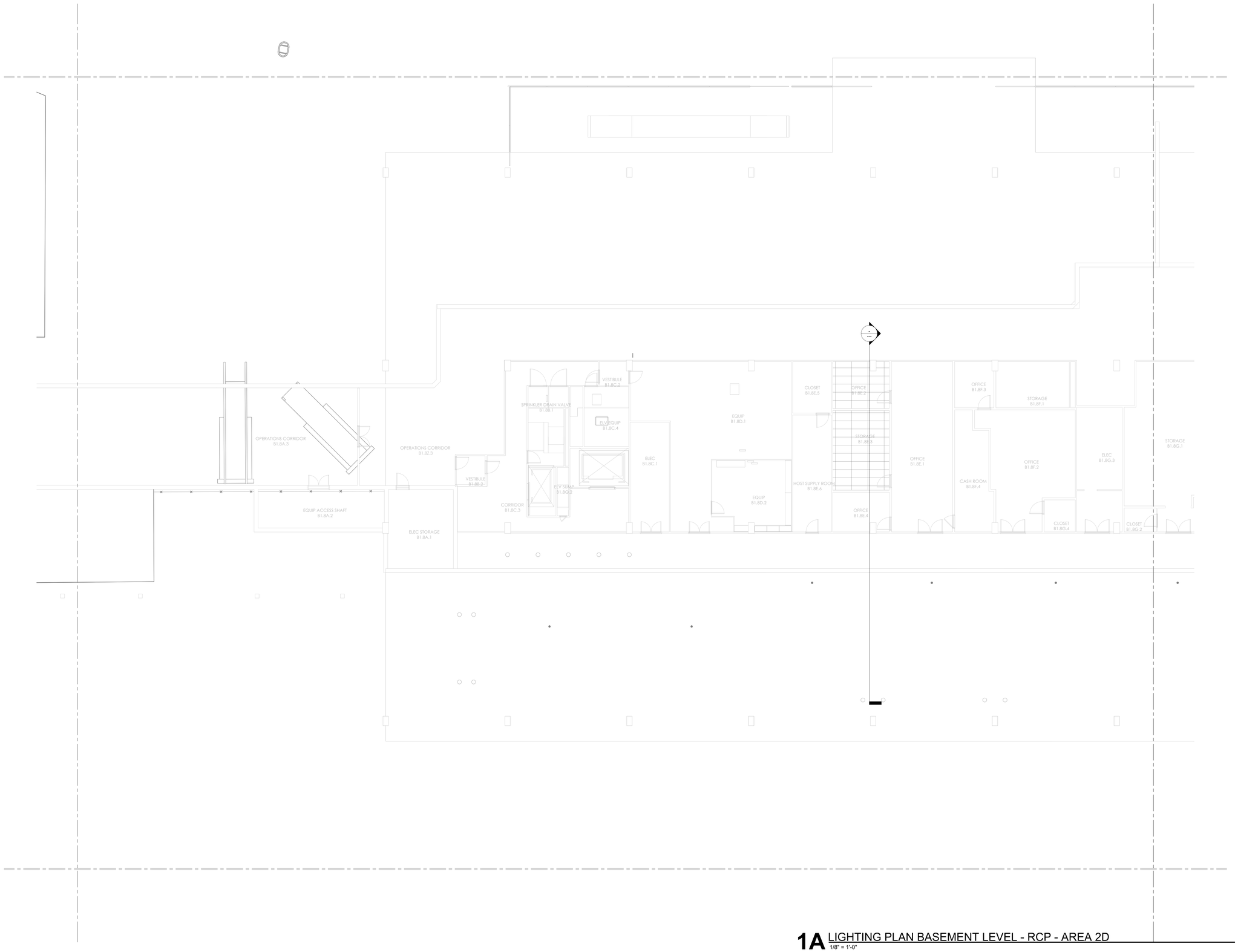

1A LIGHTING PLAN BASEMENT LEVEL - RCP - AREA 2D
1/8" = 1'-0"

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LIGHTING PLAN BASEMENT LEVEL - AREA 2D

DRAWN BY: **NM**
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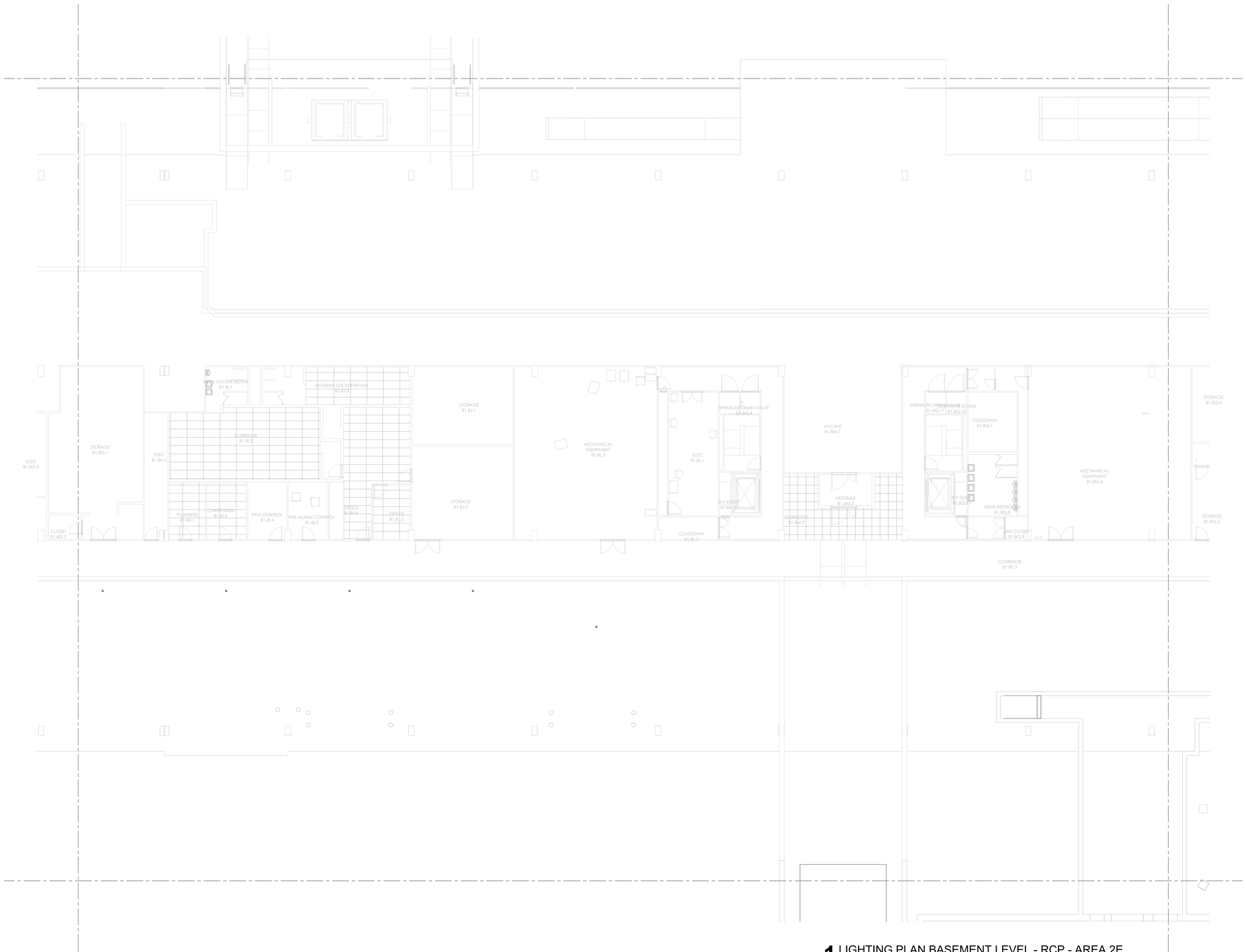
SHEET NUMBER
VOLUME: **3**

EL2.2.01.2D



1 LIGHTING PLAN BASEMENT LEVEL - RCP - AREA 2E
1/8" = 1'-0"

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LIGHTING PLAN BASEMENT LEVEL - AREA 2E

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SHEET NUMBER
VOLUME: **3**

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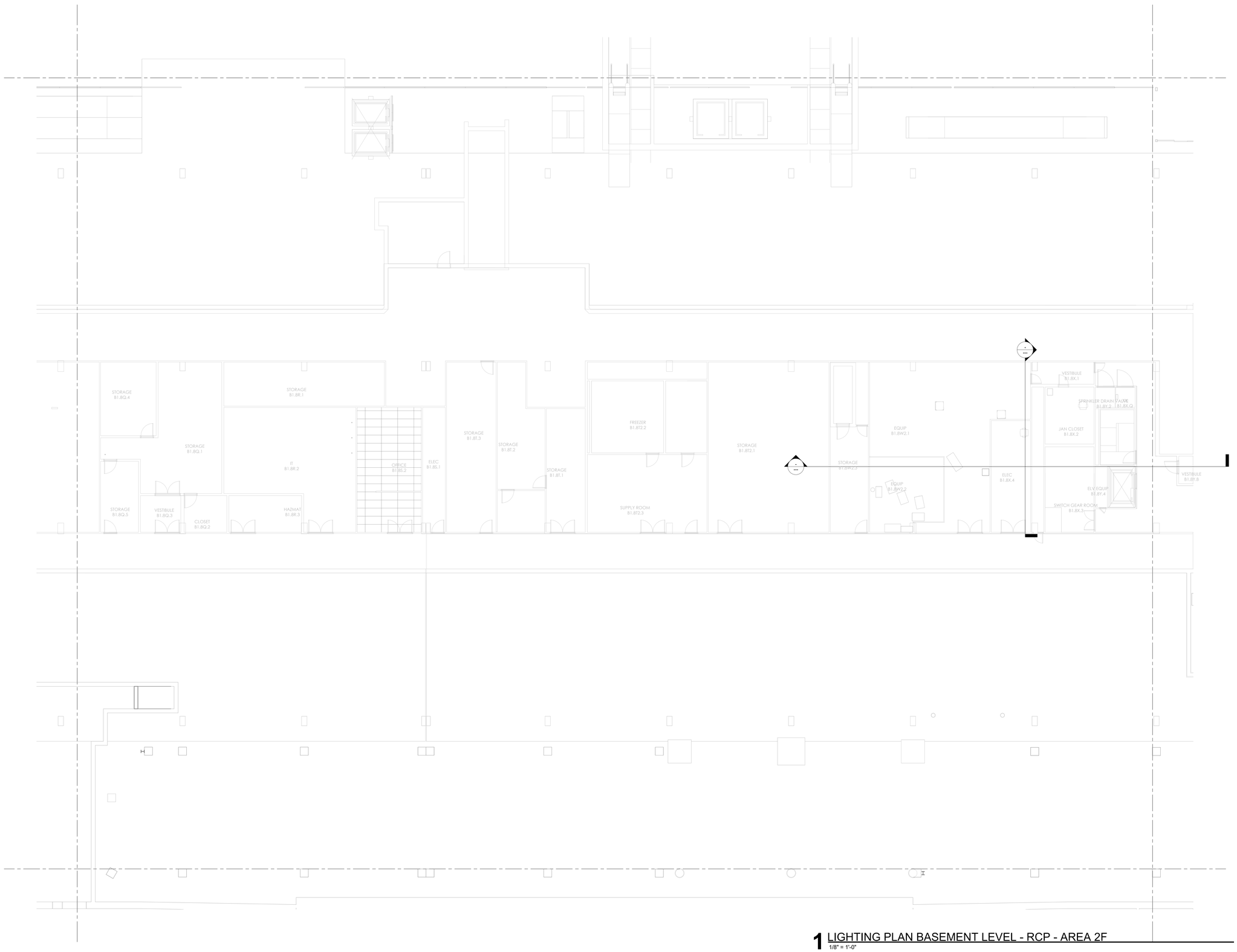

1 LIGHTING PLAN BASEMENT LEVEL - RCP - AREA 2F
1/8" = 1'-0"

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NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

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ISSUANCE **60% DESIGN**
PACKAGE ISSUE DATE **03/24/2023**
PHASE **DD**
REVISION **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE **C.O.C.A.002.01**

LIGHTING PLAN BASEMENT LEVEL - AREA 2F

DRAWN BY: **NM**
CHECKED BY: **CD**
SHEET NUMBER
VOLUME: **3**

EL2.2.01.2F

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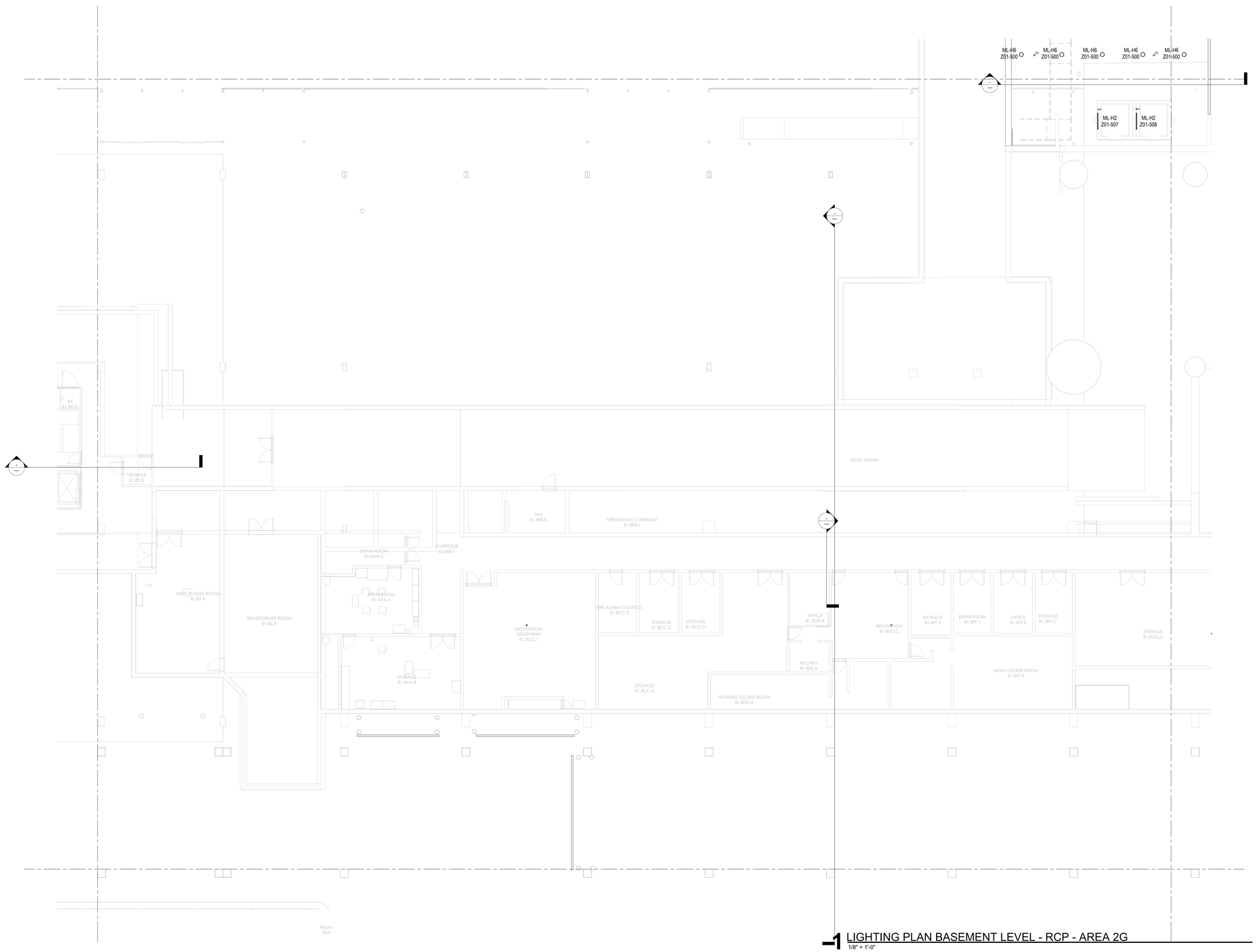
CONTRACTOR TO ASSUME WIRE NETWORK DALI AUTOMATIC LIGHTING CONTROL IS REQUIRED TO ALL ZONES TO PROVIDE AT MINIMUM THE ON/OFF RISE/LOW OPTION AS WELL AS ACCESS TO TIME CLOCK AND DAY LIGHT ZONE WHERE NEEDED.
OS/VS SENSORS MUST BE PROVIDED TO ALL ZONES TO PROVIDE 100% COVERAGE.
CONTRACTOR TO ASSUME 20% OF THE LIGHT TO BE EM AND CONTROL BY UL924 DEVICES.



1 LIGHTING PLAN BASEMENT LEVEL - RCP - AREA 2G
1/8" = 1'-0"

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Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudiORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

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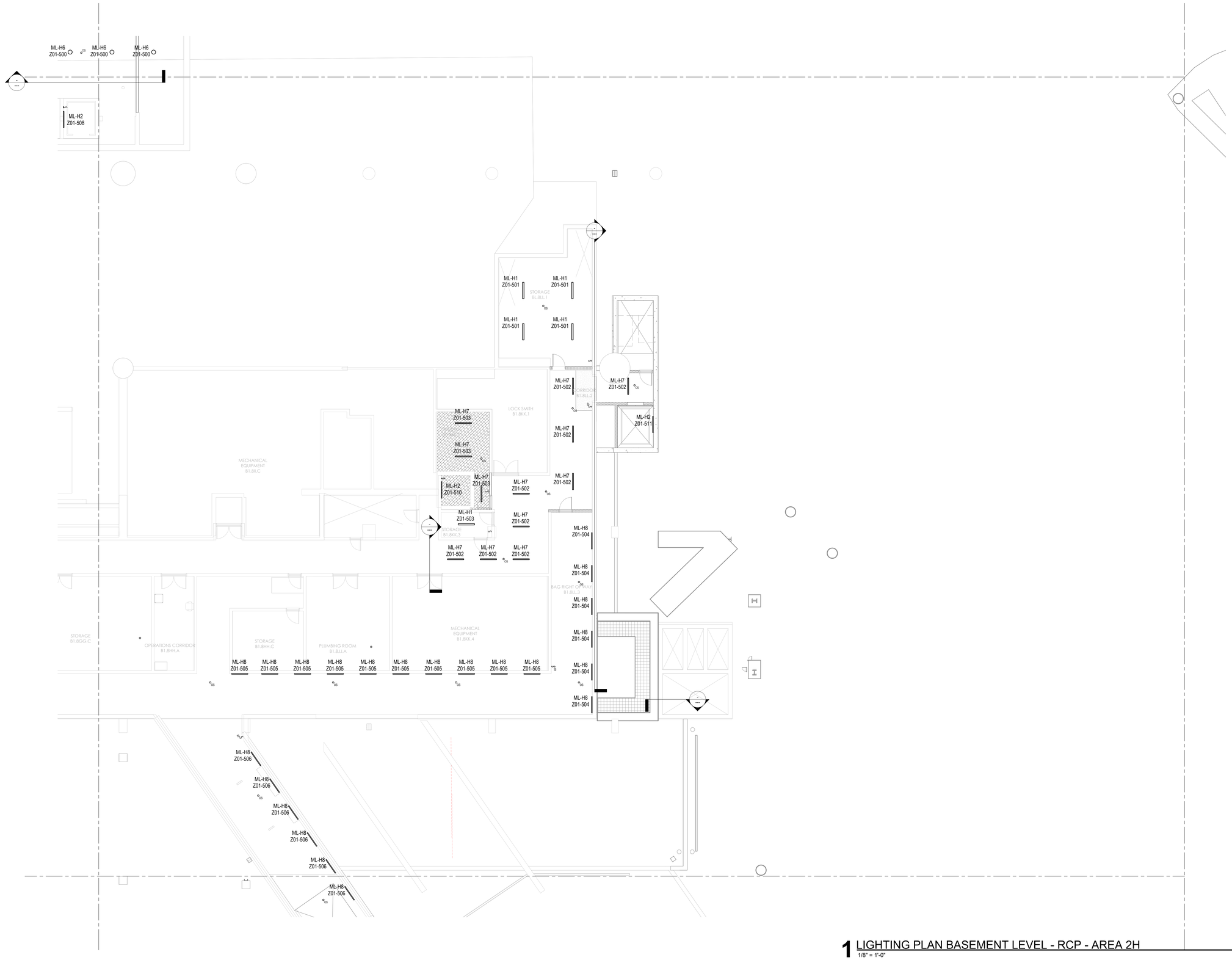

1 LIGHTING PLAN BASEMENT LEVEL - RCP - AREA 2H
1/8" = 1'-0"

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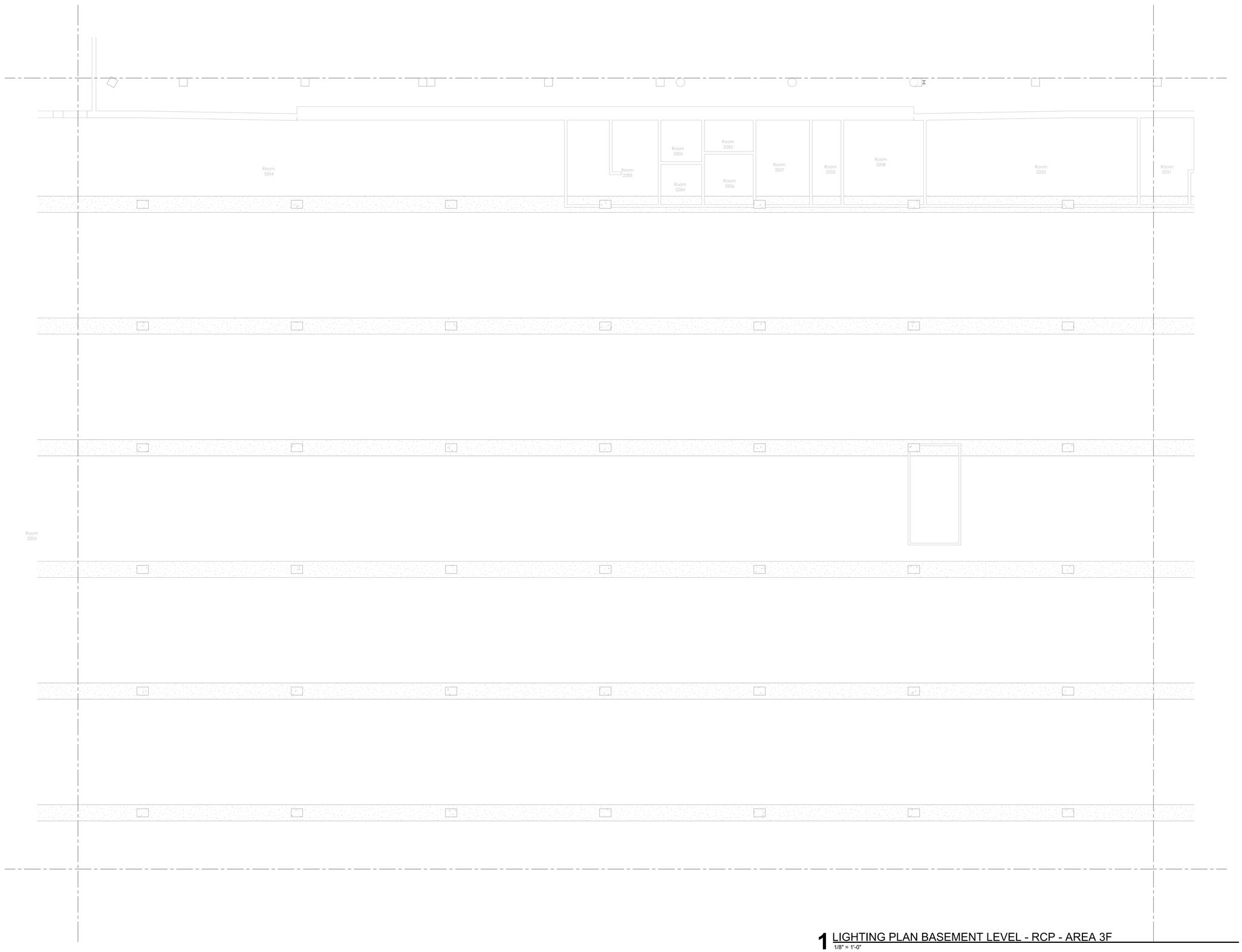

1 LIGHTING PLAN BASEMENT LEVEL - RCP - AREA 3F
1/8" = 1'-0"

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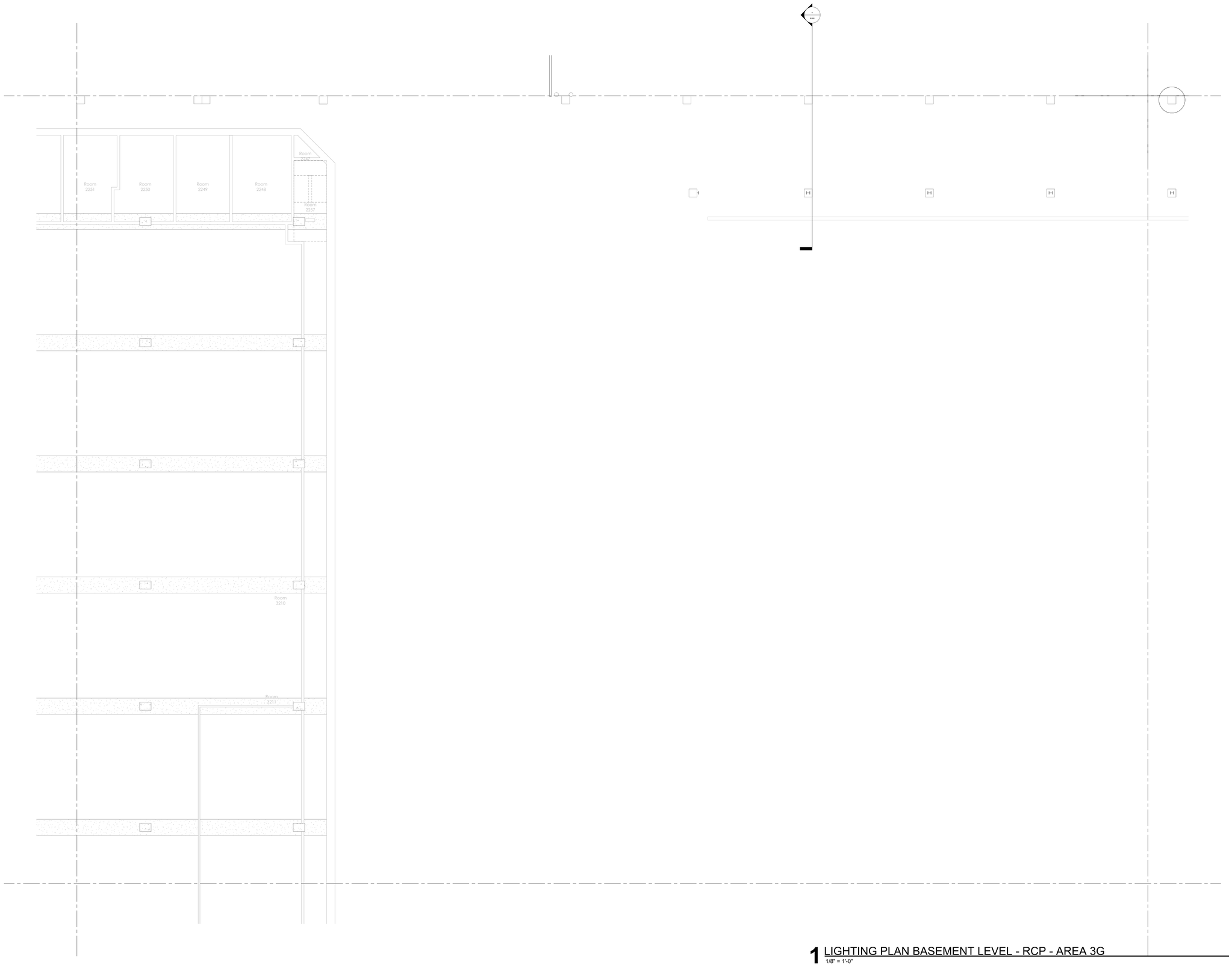

1 LIGHTING PLAN BASEMENT LEVEL - RCP - AREA 3G
1/8" = 1'-0"

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1 LIGHTING PLAN BASEMENT LEVEL - RCP - AREA 3H
1/8" = 1'-0"

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LIGHTING PLAN BASEMENT LEVEL - AREA 3H

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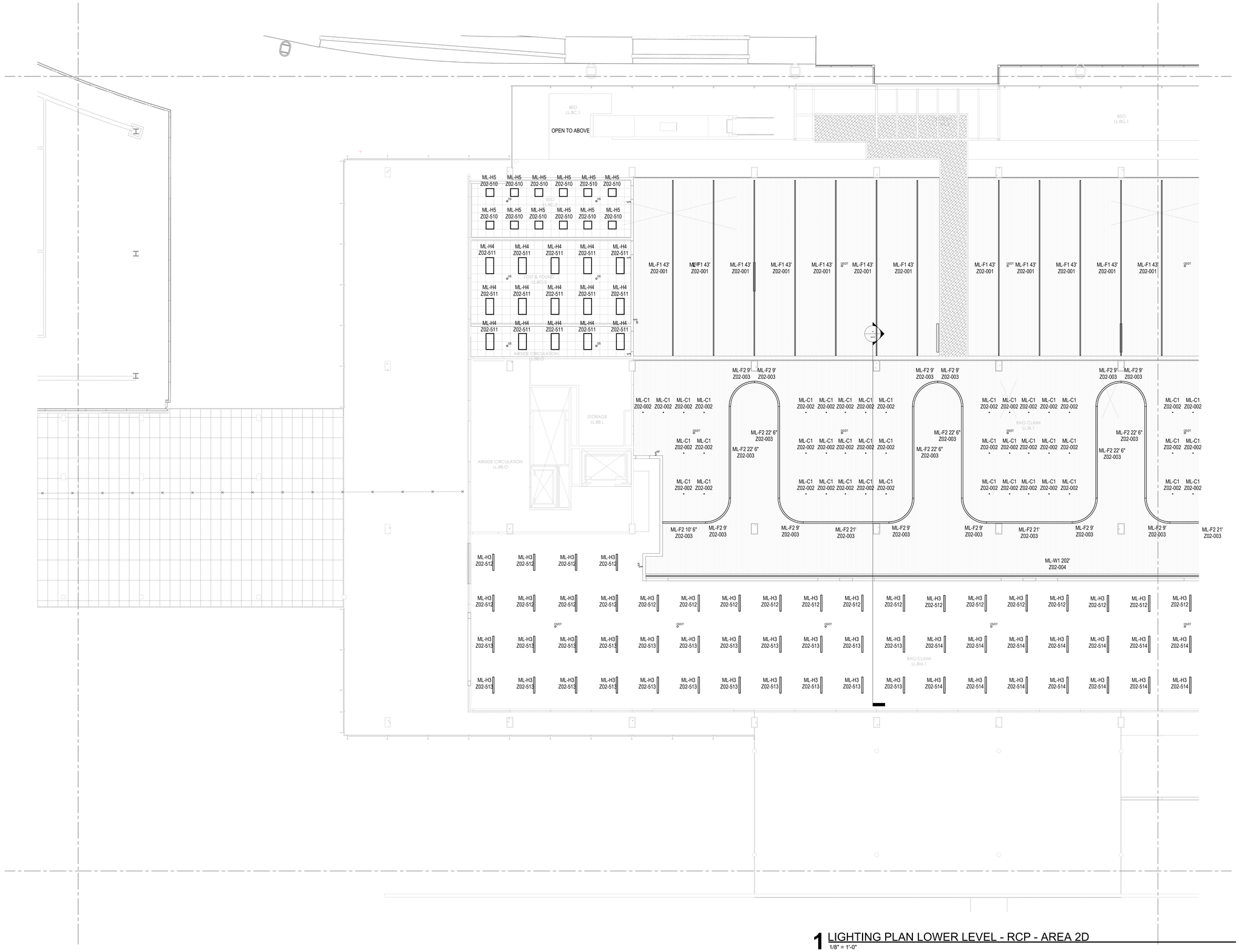

1 LIGHTING PLAN LOWER LEVEL - RCP - AREA 2D
1/8" = 1'-0"

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LIGHTING PLAN LOWER LEVEL - AREA 2D

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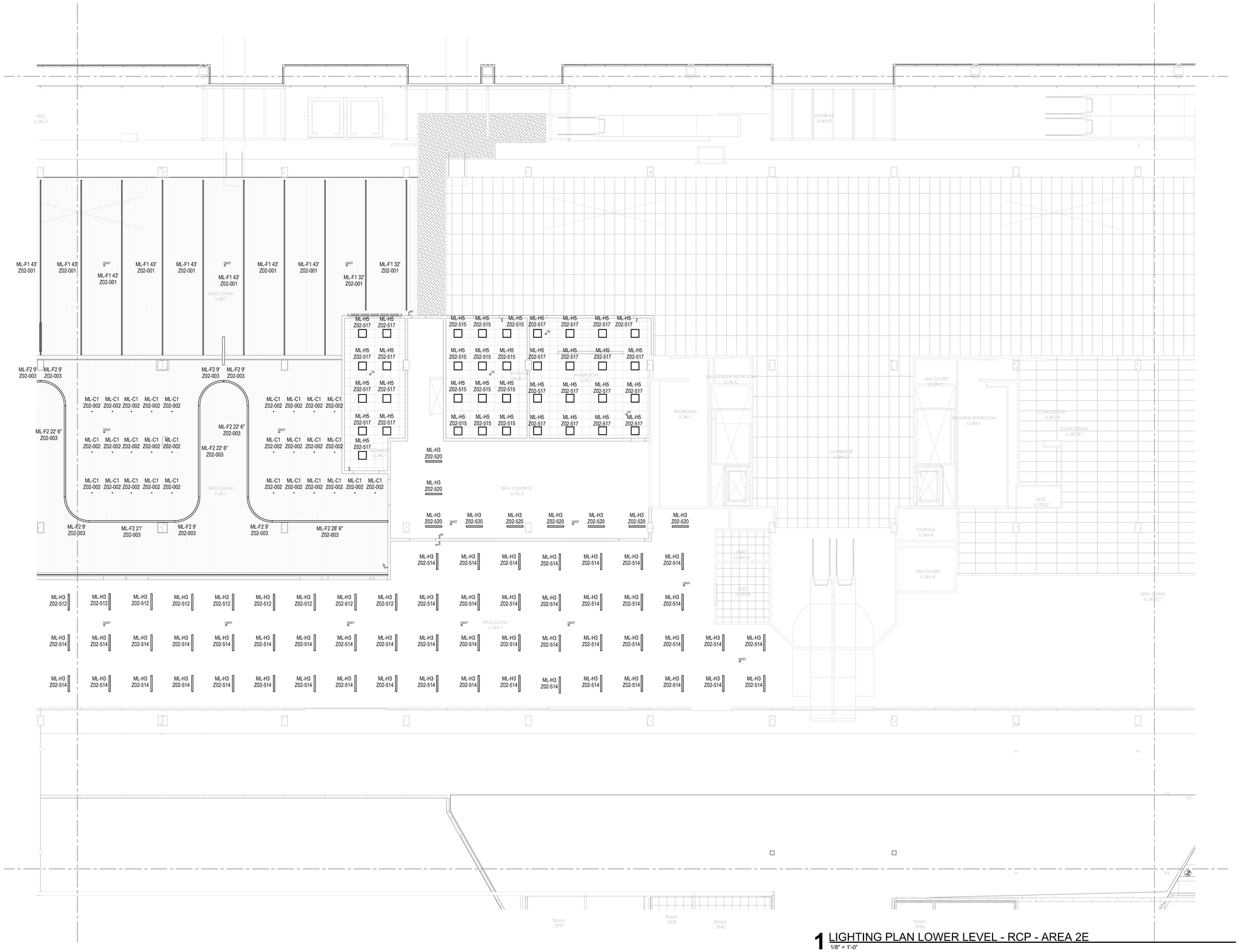

1 LIGHTING PLAN LOWER LEVEL - RCP - AREA 2E
1/8" = 1'-0"

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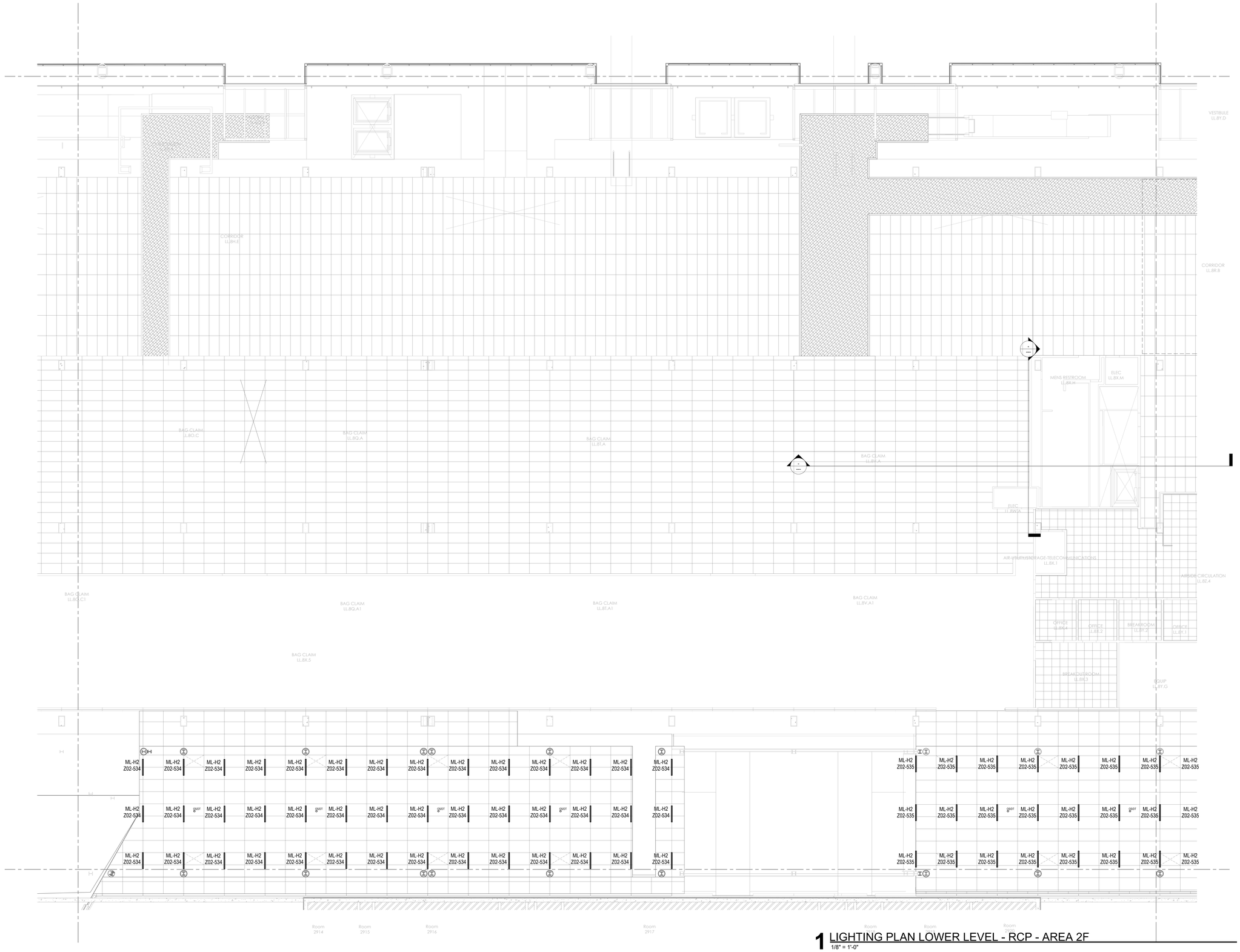

1 LIGHTING PLAN LOWER LEVEL - RCP - AREA 2F
1/8" = 1'-0"

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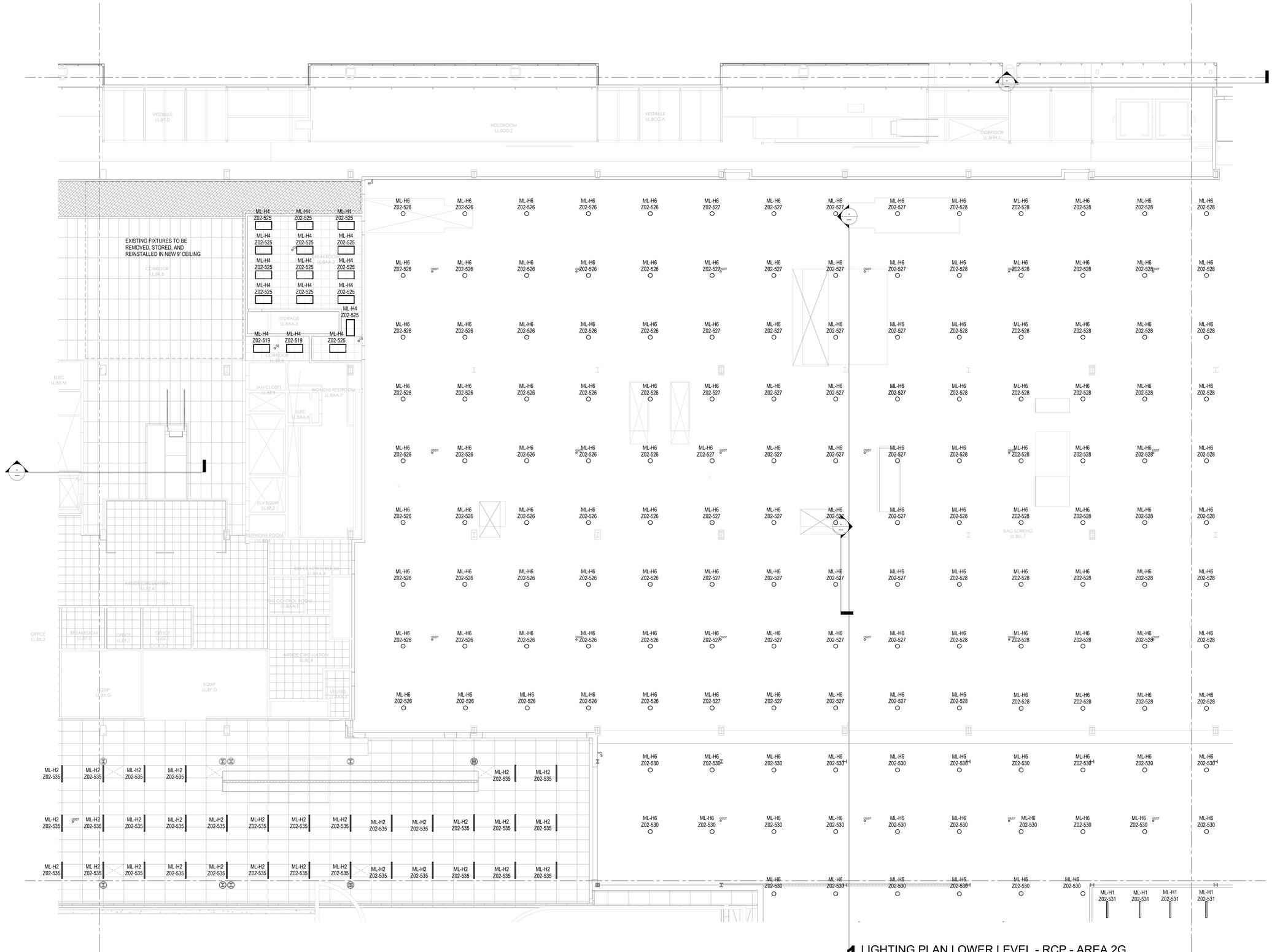

1 LIGHTING PLAN LOWER LEVEL - RCP - AREA 2G
1/8" = 1'-0"

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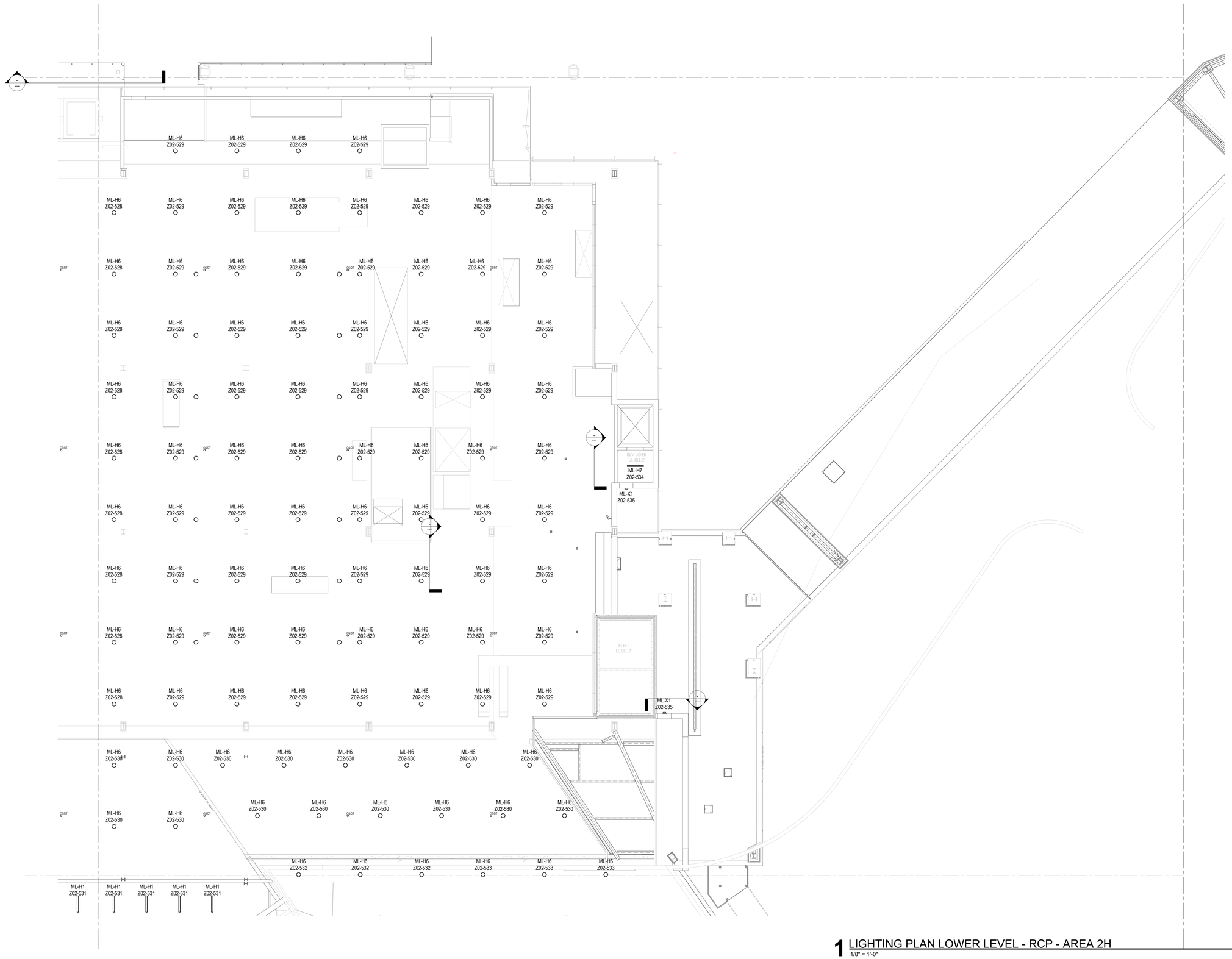

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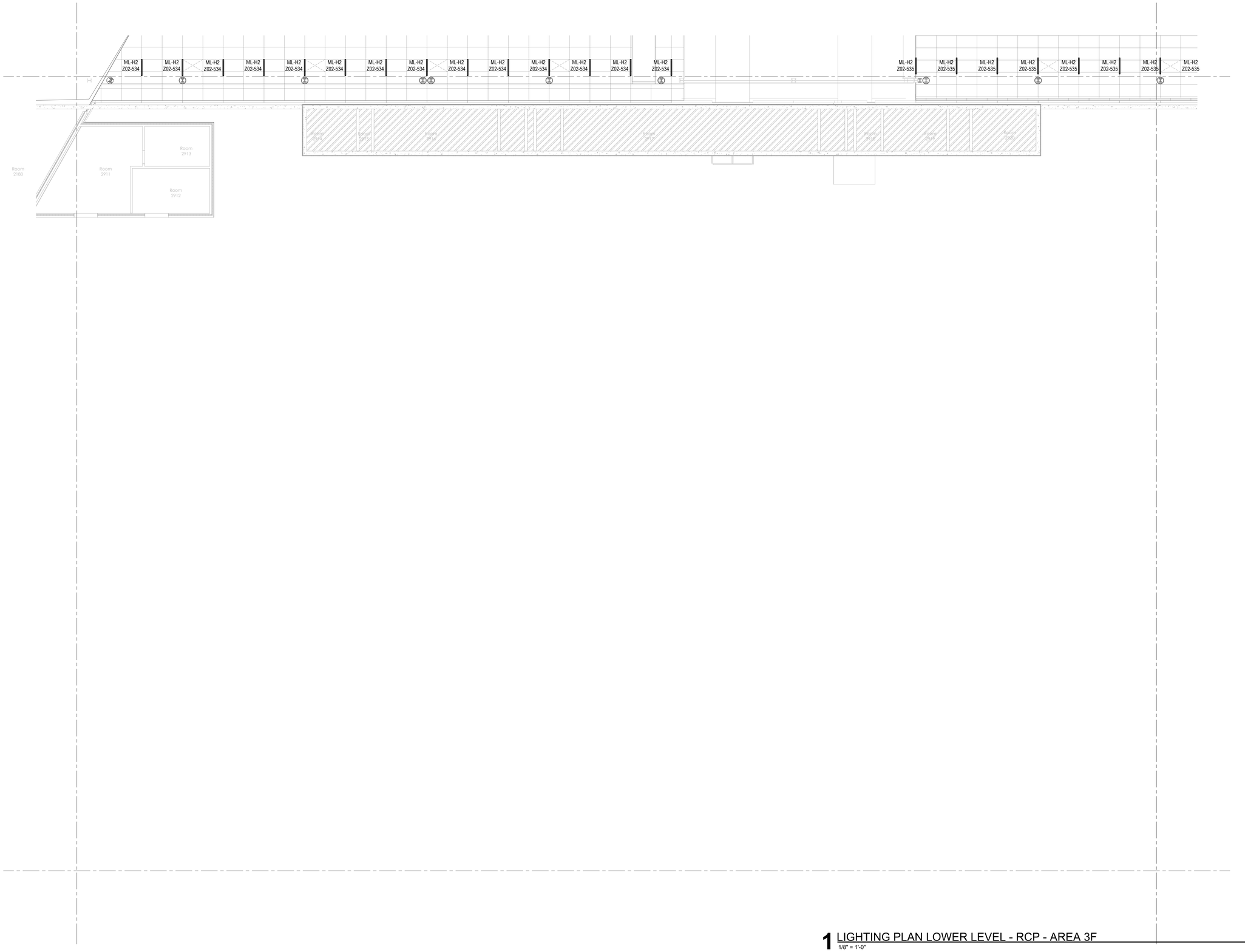
OS/VS SENSORS MUST BE PROVIDED TO ALL ZONES TO PROVIDE 100% COVERAGE.
CONTRACTOR TO ASSUME 20% OF THE LIGHT TO BE EM AND CONTROL BY UL924 DEVICES.



1 LIGHTING PLAN LOWER LEVEL - RCP - AREA 3F
1/8" = 1'-0"

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudiORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

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C.O.C.A.002.01

LIGHTING PLAN LOWER LEVEL - AREA 3F

DRAWN BY: **NM**
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SHEET NUMBER
VOLUME: **3**

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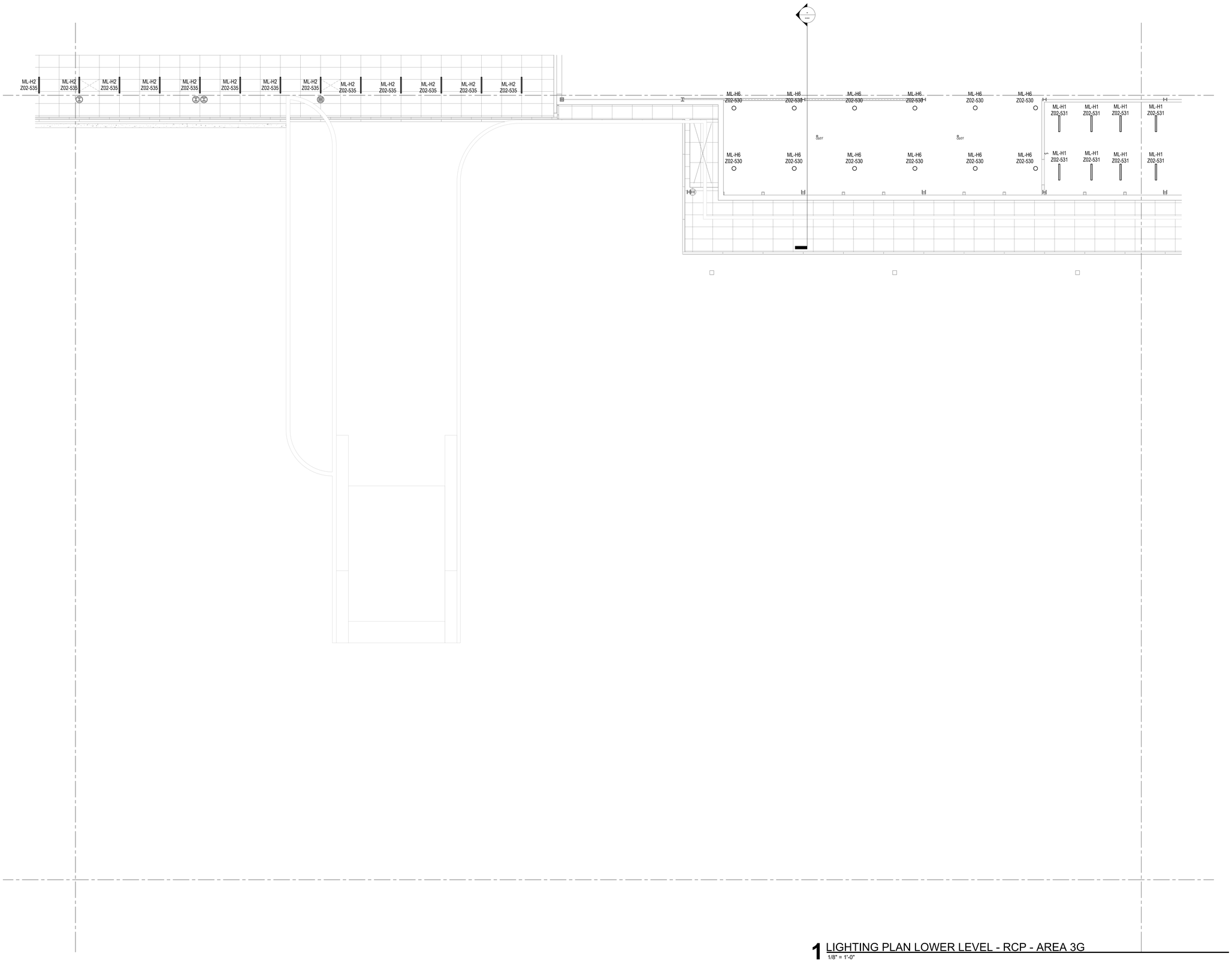

1 LIGHTING PLAN LOWER LEVEL - RCP - AREA 3G
1/8" = 1'-0"

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LIGHTING PLAN LOWER LEVEL - AREA 3G

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SHEET NUMBER
VOLUME: **3**

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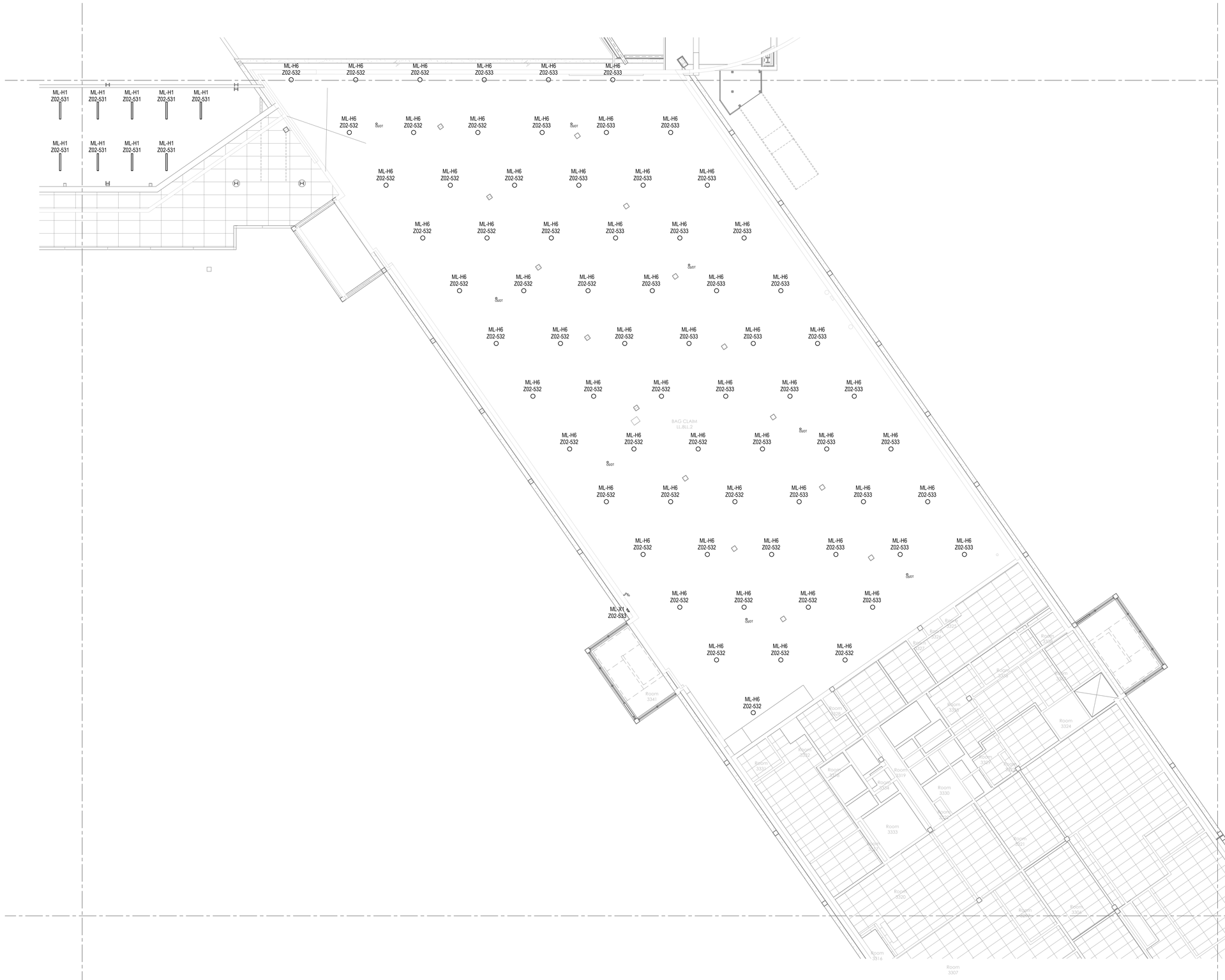

1 LIGHTING PLAN LOWER LEVEL - RCP - AREA 3H
1/8" = 1'-0"

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LIGHTING PLAN LOWER LEVEL - AREA 3H

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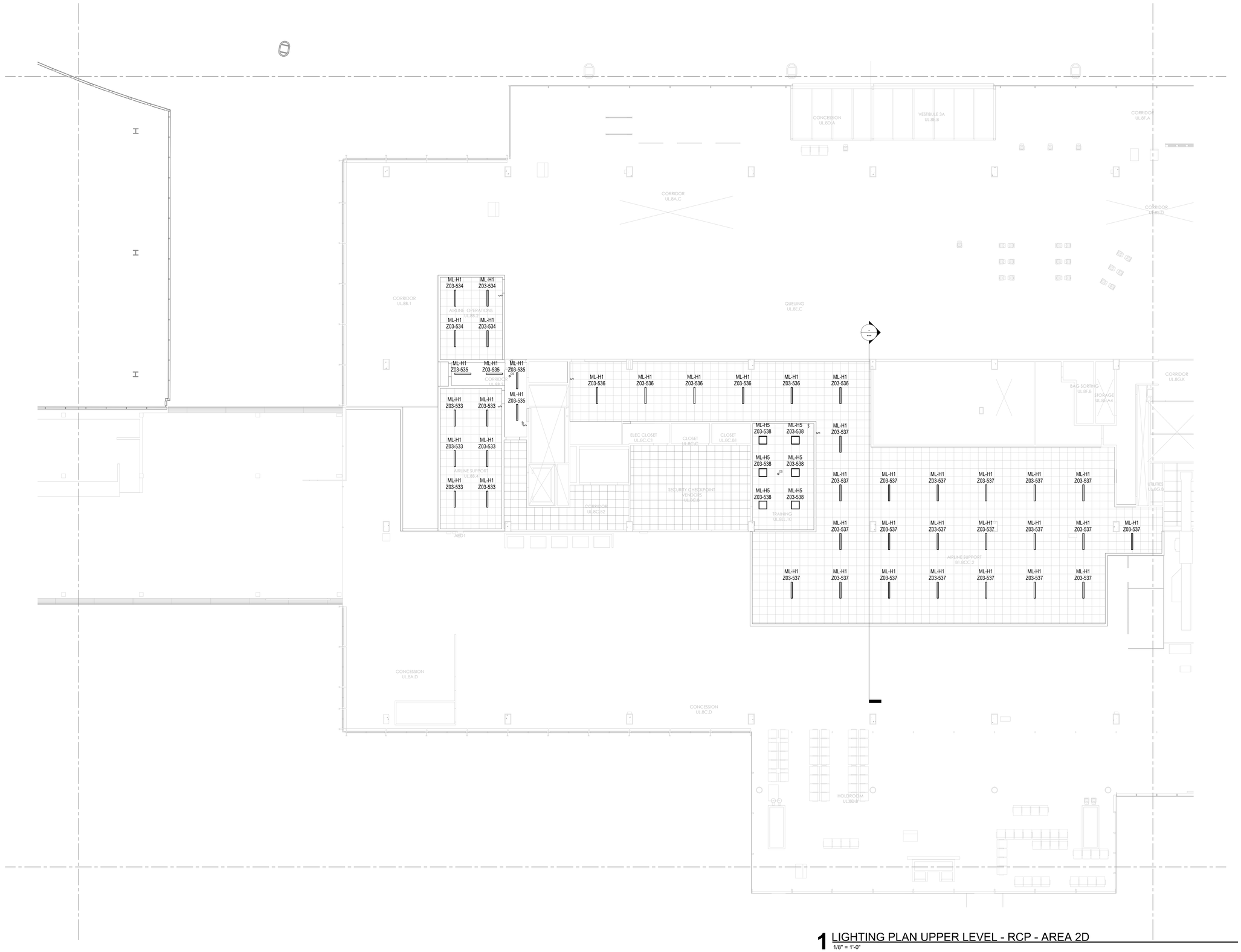

1 LIGHTING PLAN UPPER LEVEL - RCP - AREA 2D
1/8" = 1'-0"

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LIGHTING PLAN UPPER LEVEL - AREA 2D

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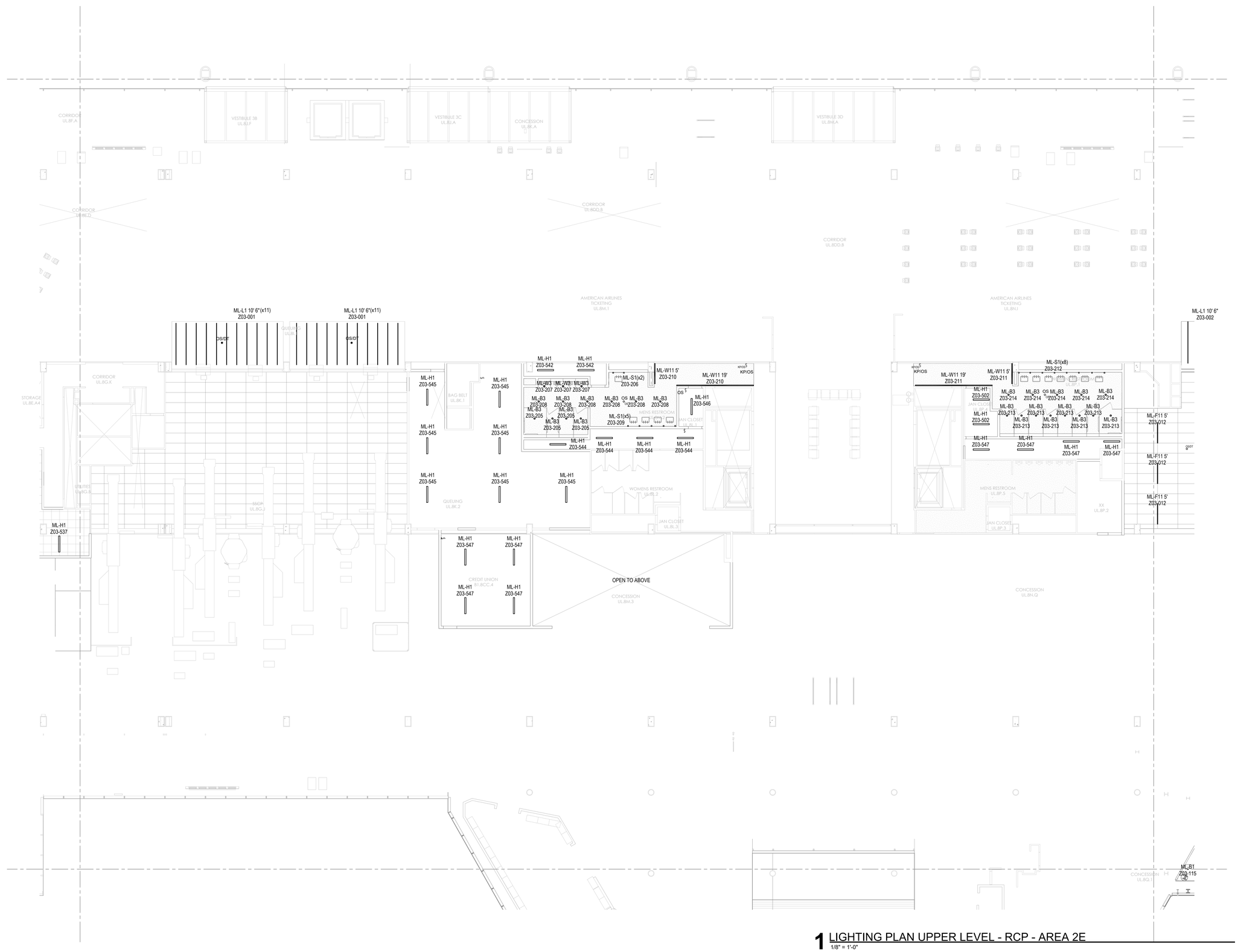

1 LIGHTING PLAN UPPER LEVEL - RCP - AREA 2E
1/8" = 1'-0"

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LIGHTING PLAN UPPER LEVEL - AREA 2E

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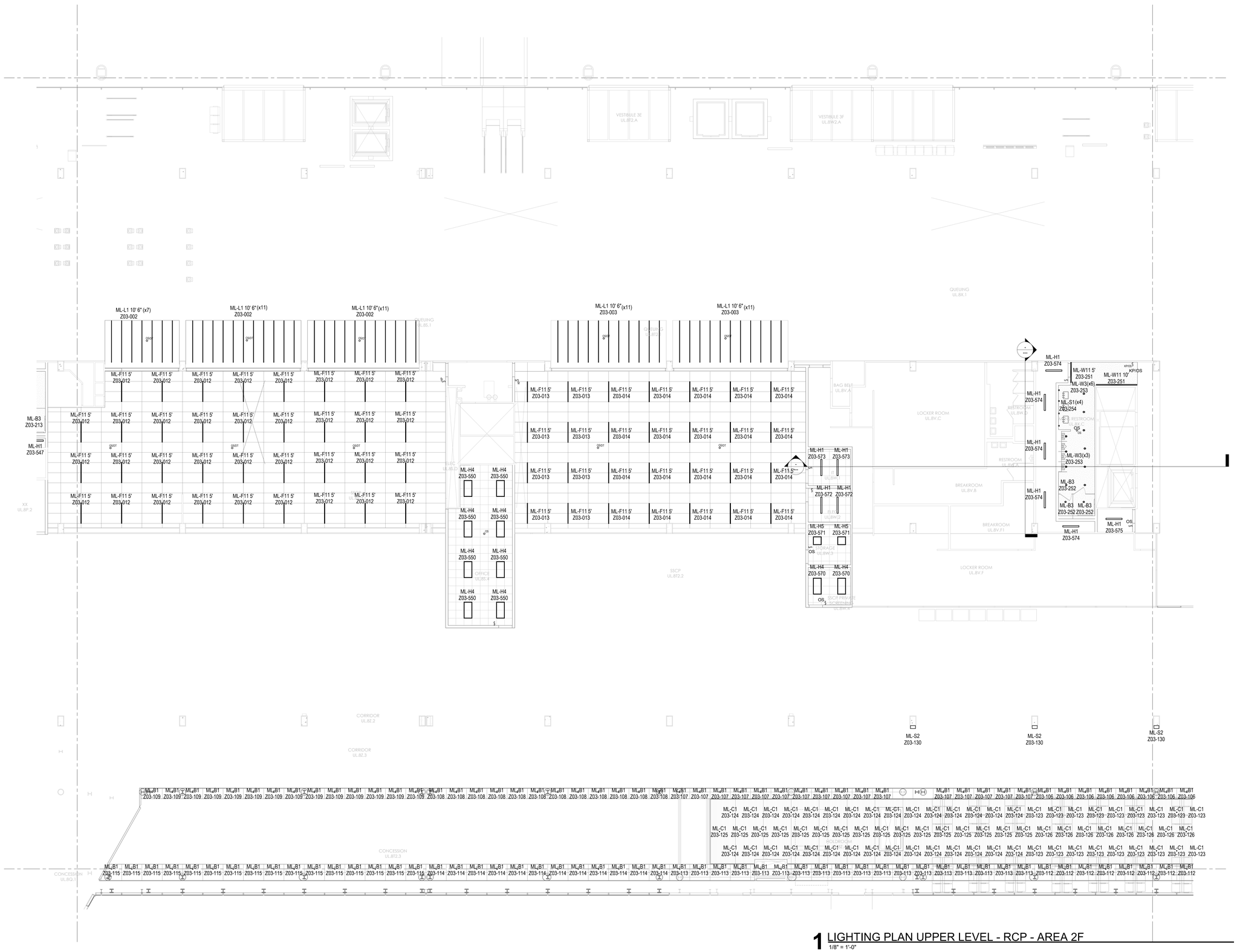

1 LIGHTING PLAN UPPER LEVEL - RCP - AREA 2F
1/8" = 1'-0"

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LIGHTING PLAN UPPER LEVEL - AREA 2F

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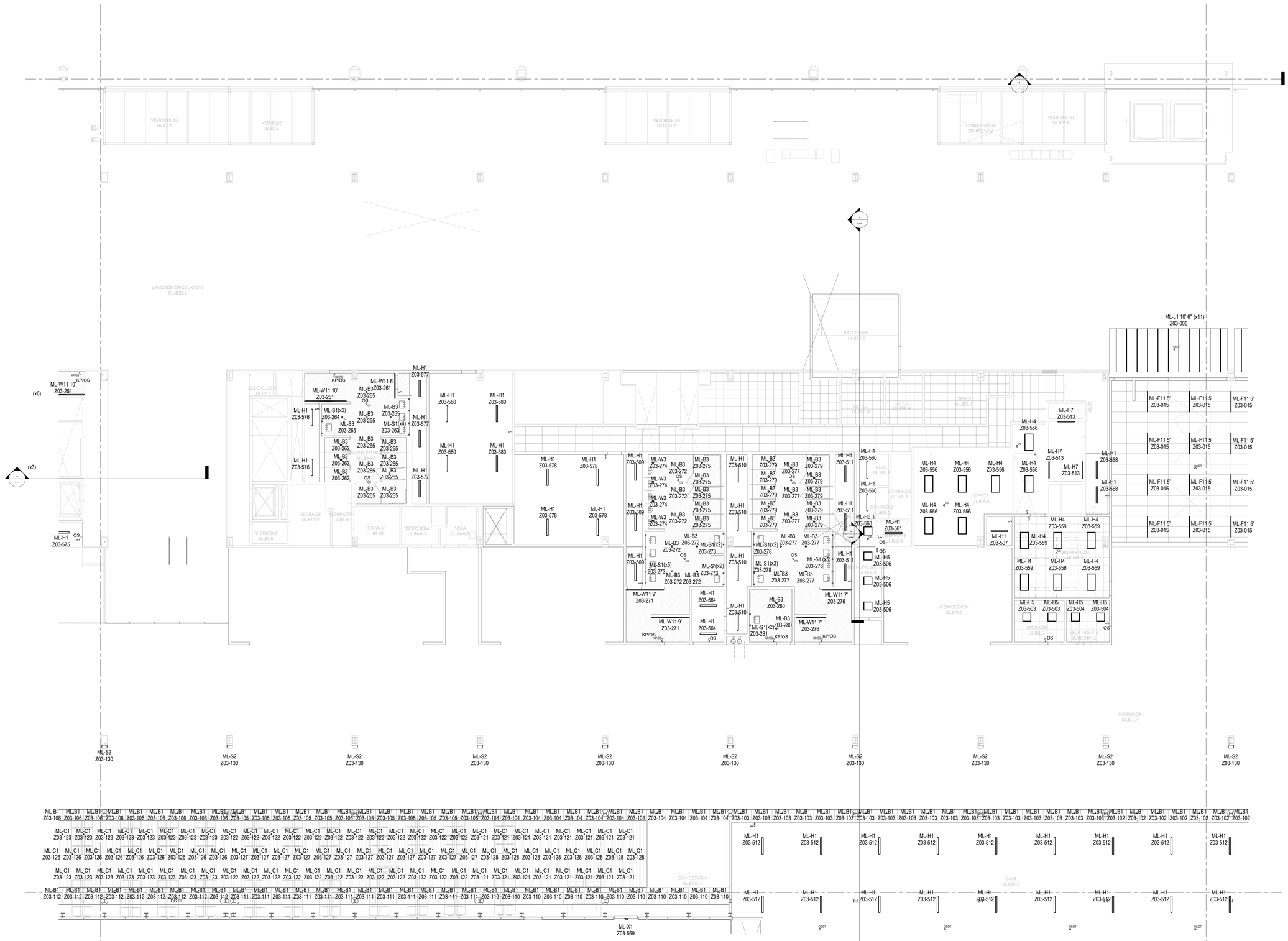

1 LIGHTING PLAN UPPER LEVEL - RCP - AREA 2G

1/8" = 1'-0"

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LIGHTING PLAN UPPER LEVEL - AREA 2G

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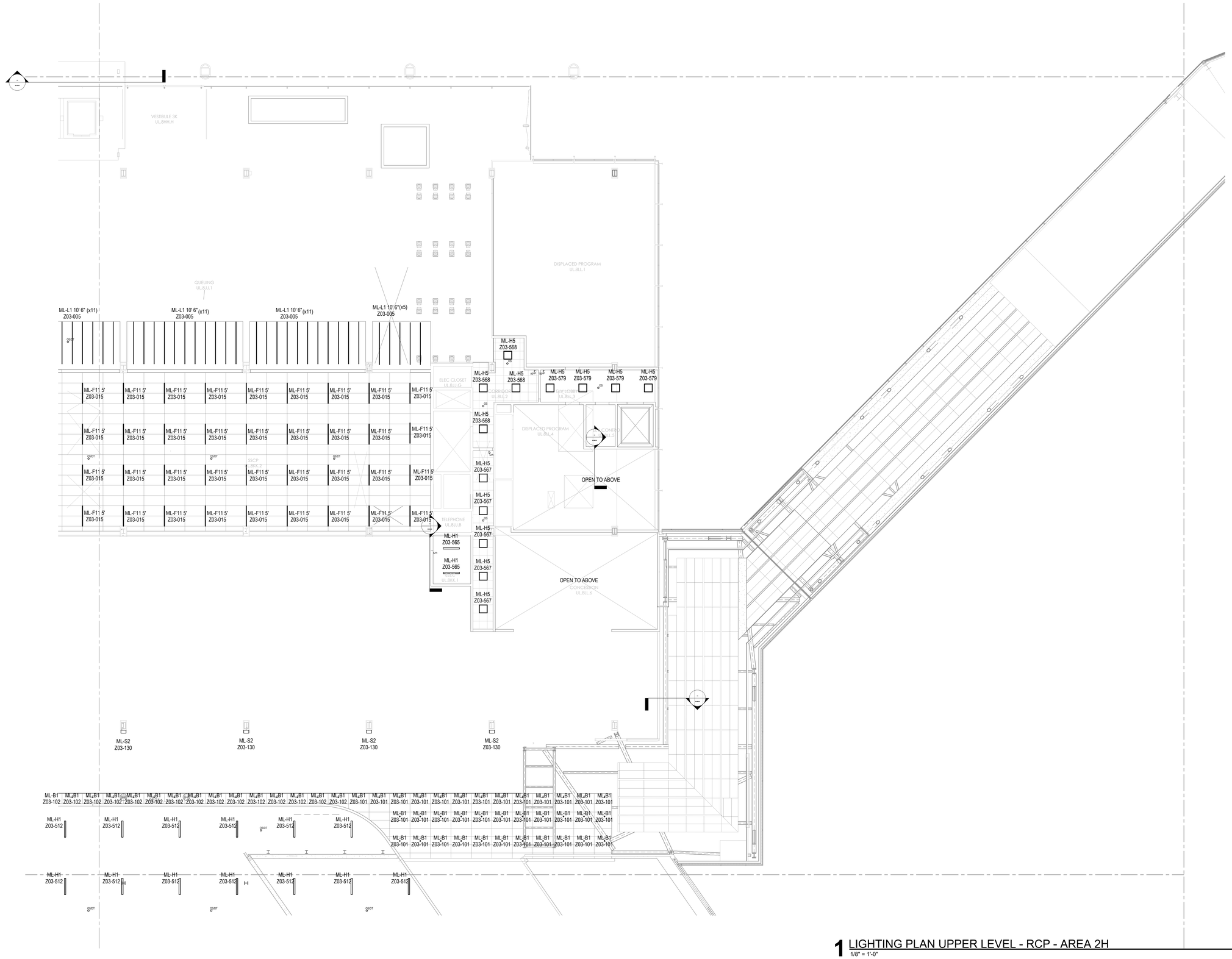

1 LIGHTING PLAN UPPER LEVEL - RCP - AREA 2H
1/8" = 1'-0"

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1 LIGHTING PLAN UPPER LEVEL - RCP - AREA 3F
1/8" = 1'-0"

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LIGHTING PLAN UPPER LEVEL - AREA 3F

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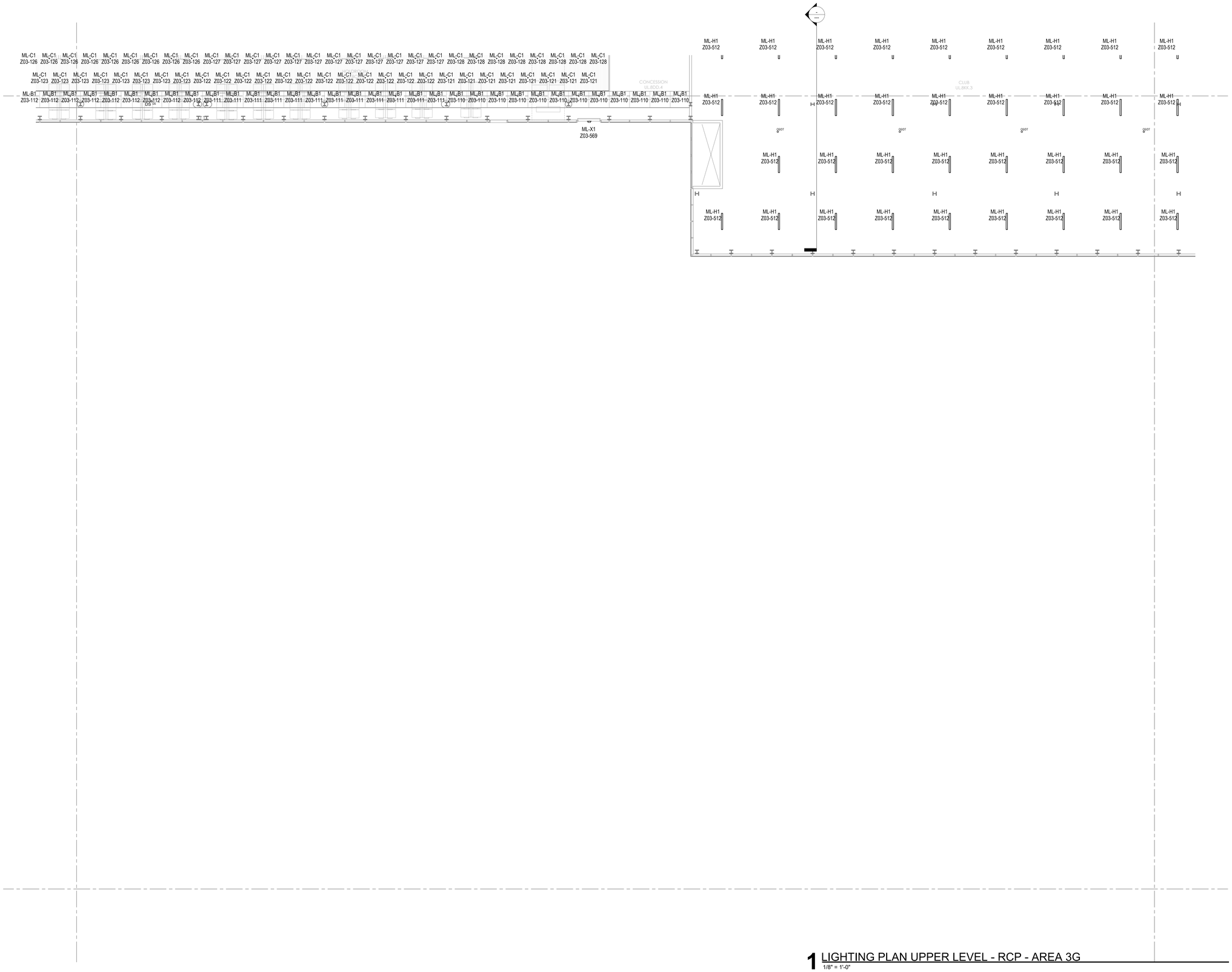

1 LIGHTING PLAN UPPER LEVEL - RCP - AREA 3G
1/8" = 1'-0"

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JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudiORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

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ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
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C.O.C.A.002.01

LIGHTING PLAN UPPER LEVEL - AREA 3H

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SHEET NUMBER
VOLUME: **3**

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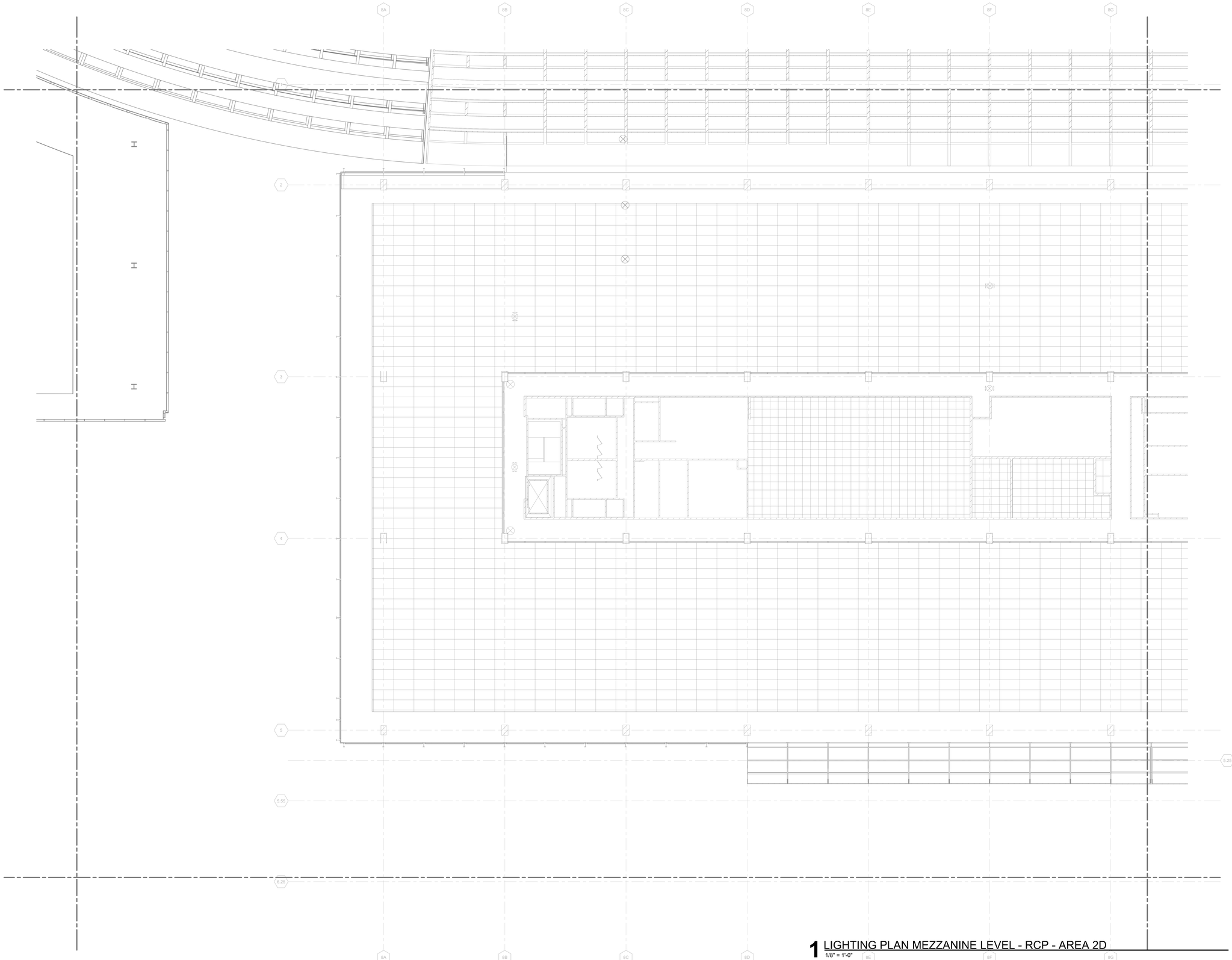

1 LIGHTING PLAN MEZZANINE LEVEL - RCP - AREA 2D
1/8" = 1'-0"

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NOT FOR CONSTRUCTION

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CITY OF CHICAGO
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MAYOR

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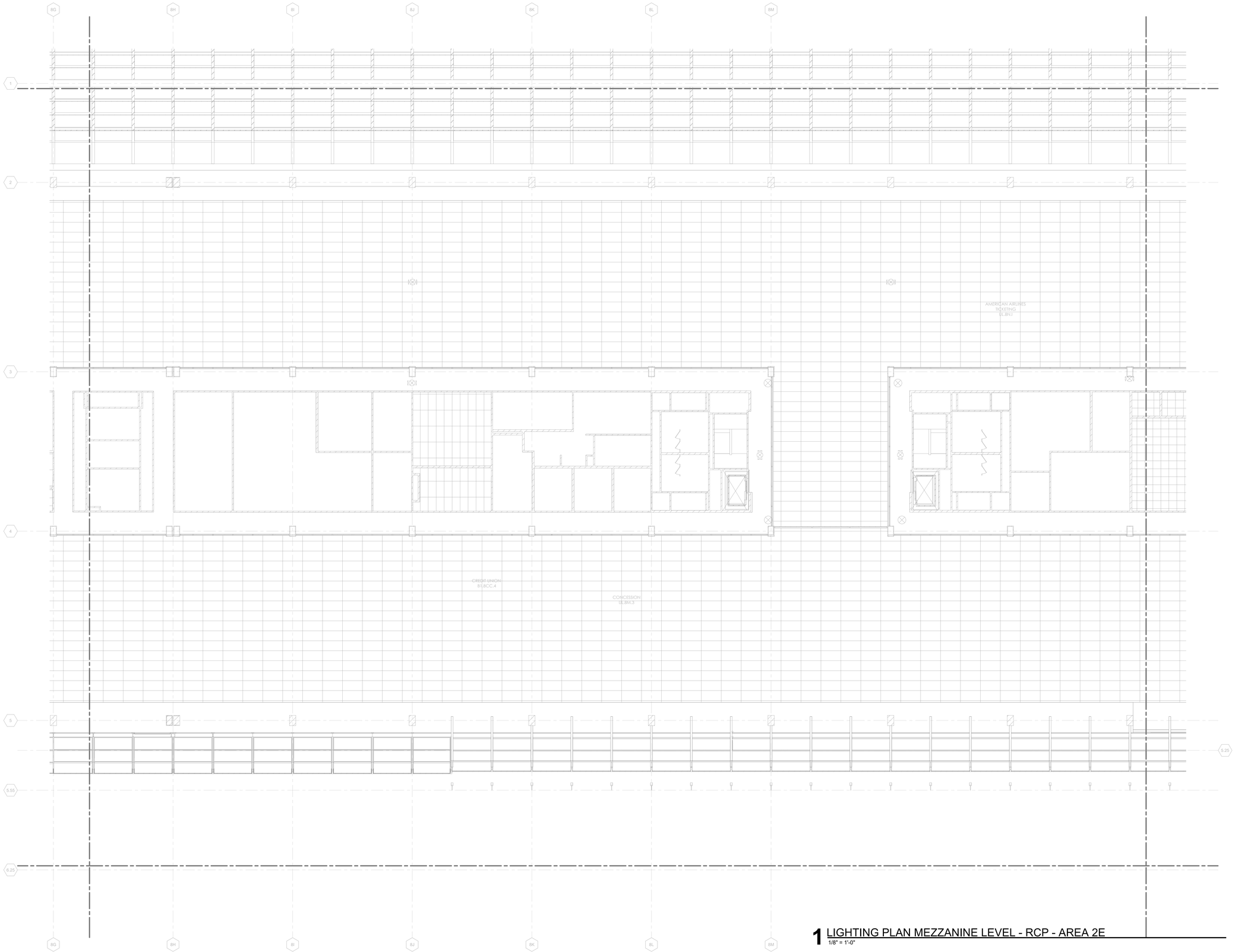

1 LIGHTING PLAN MEZZANINE LEVEL - RCP - AREA 2E
1/8" = 1'-0"

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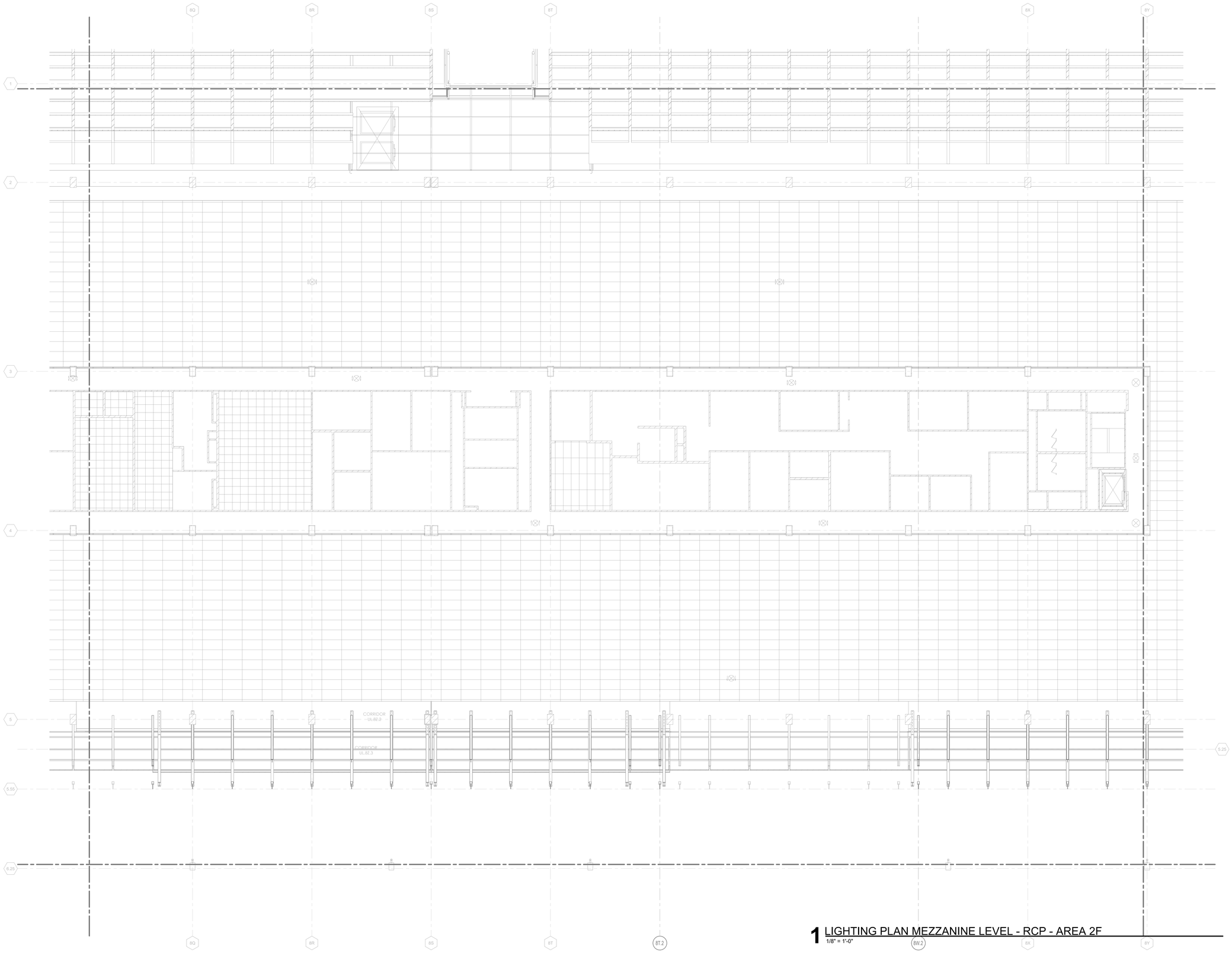

1 LIGHTING PLAN MEZZANINE LEVEL - RCP - AREA 2F
1/8" = 1'-0"

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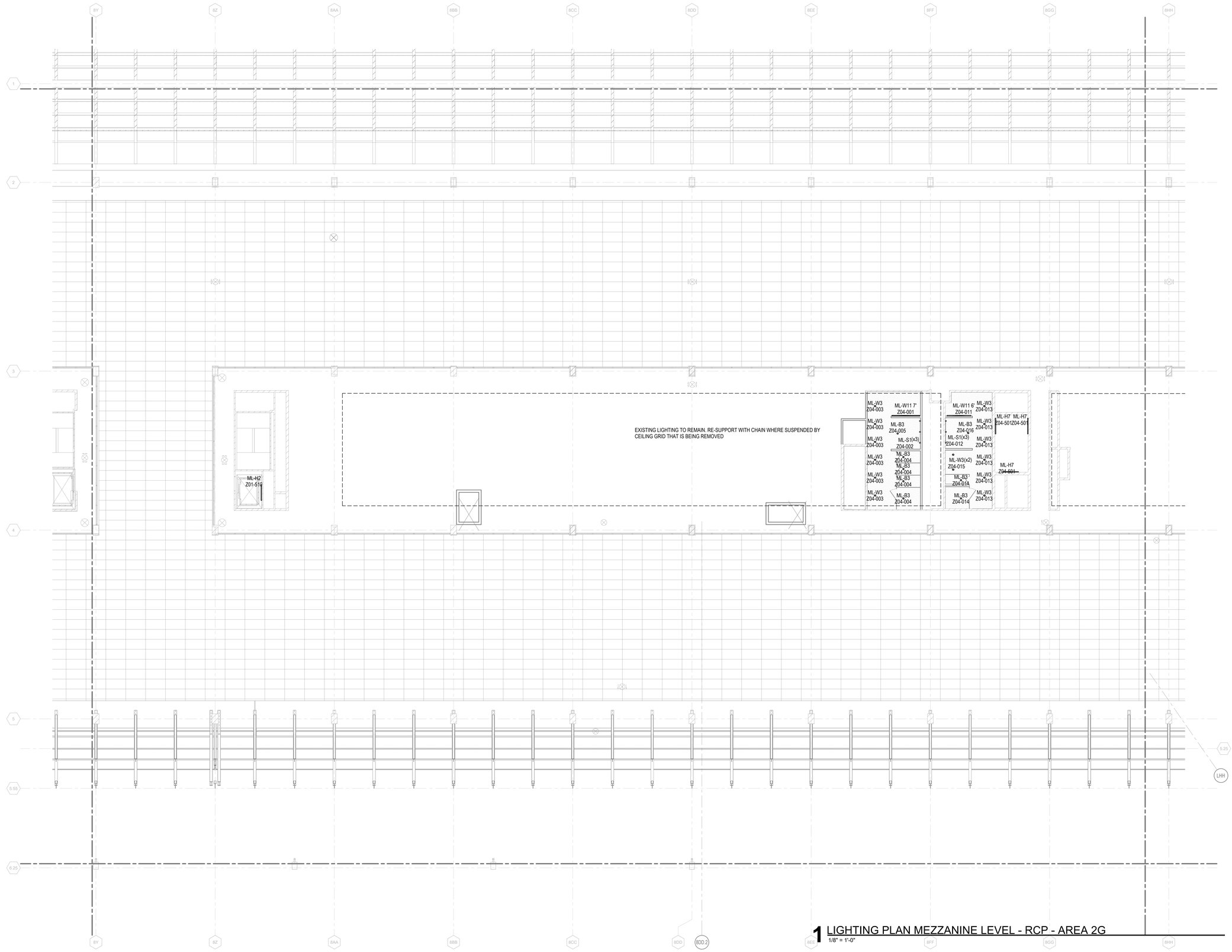

1 LIGHTING PLAN MEZZANINE LEVEL - RCP - AREA 2G
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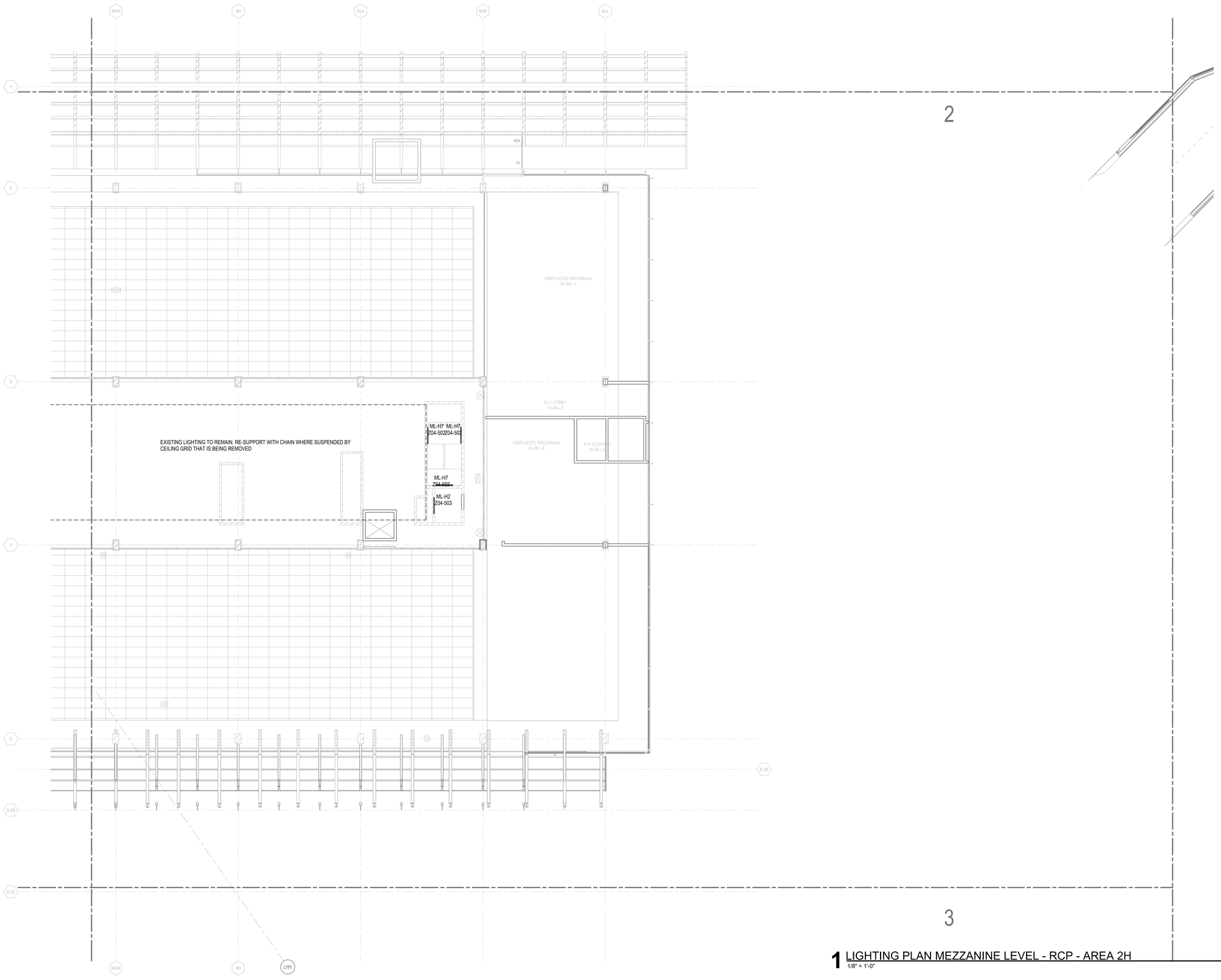

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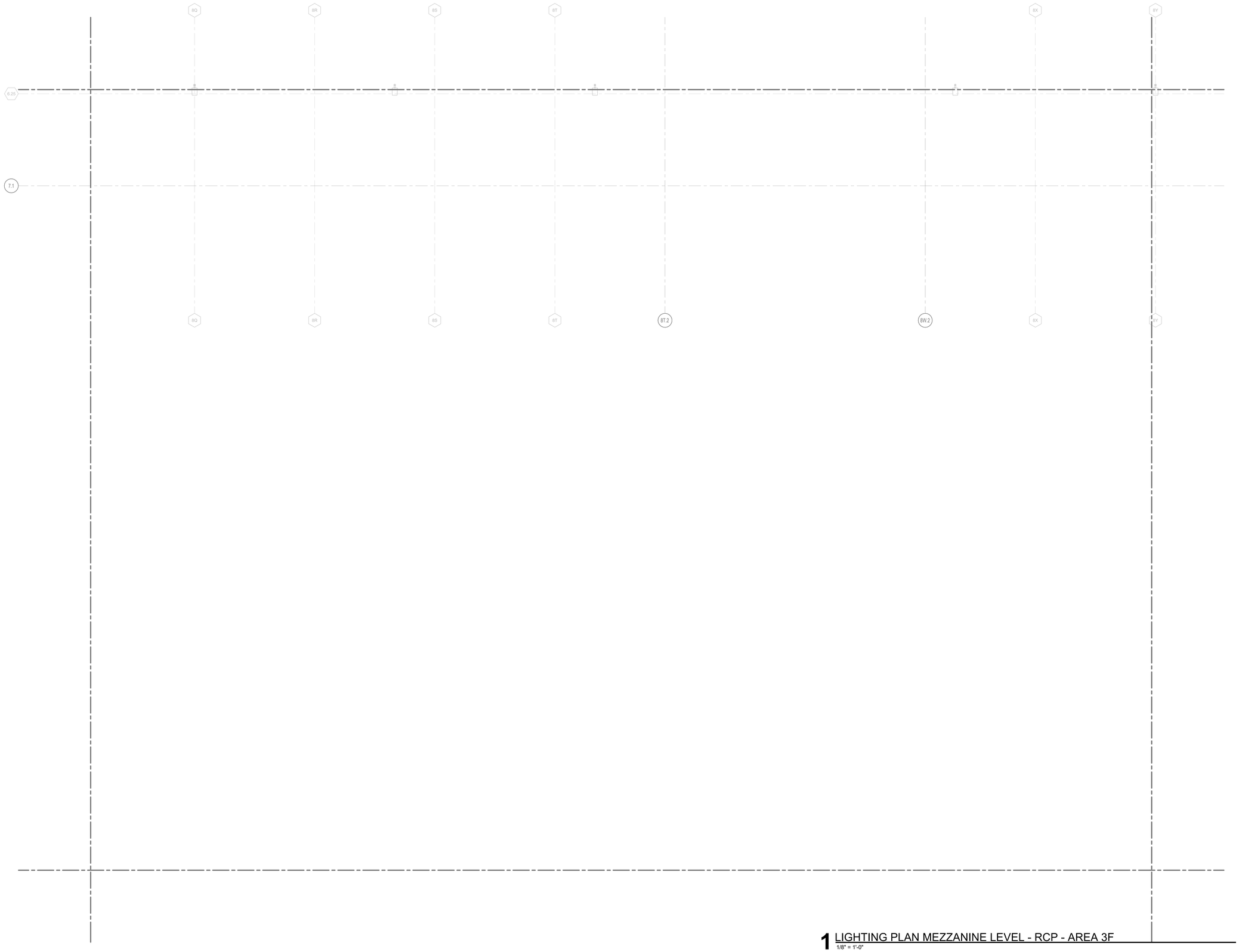

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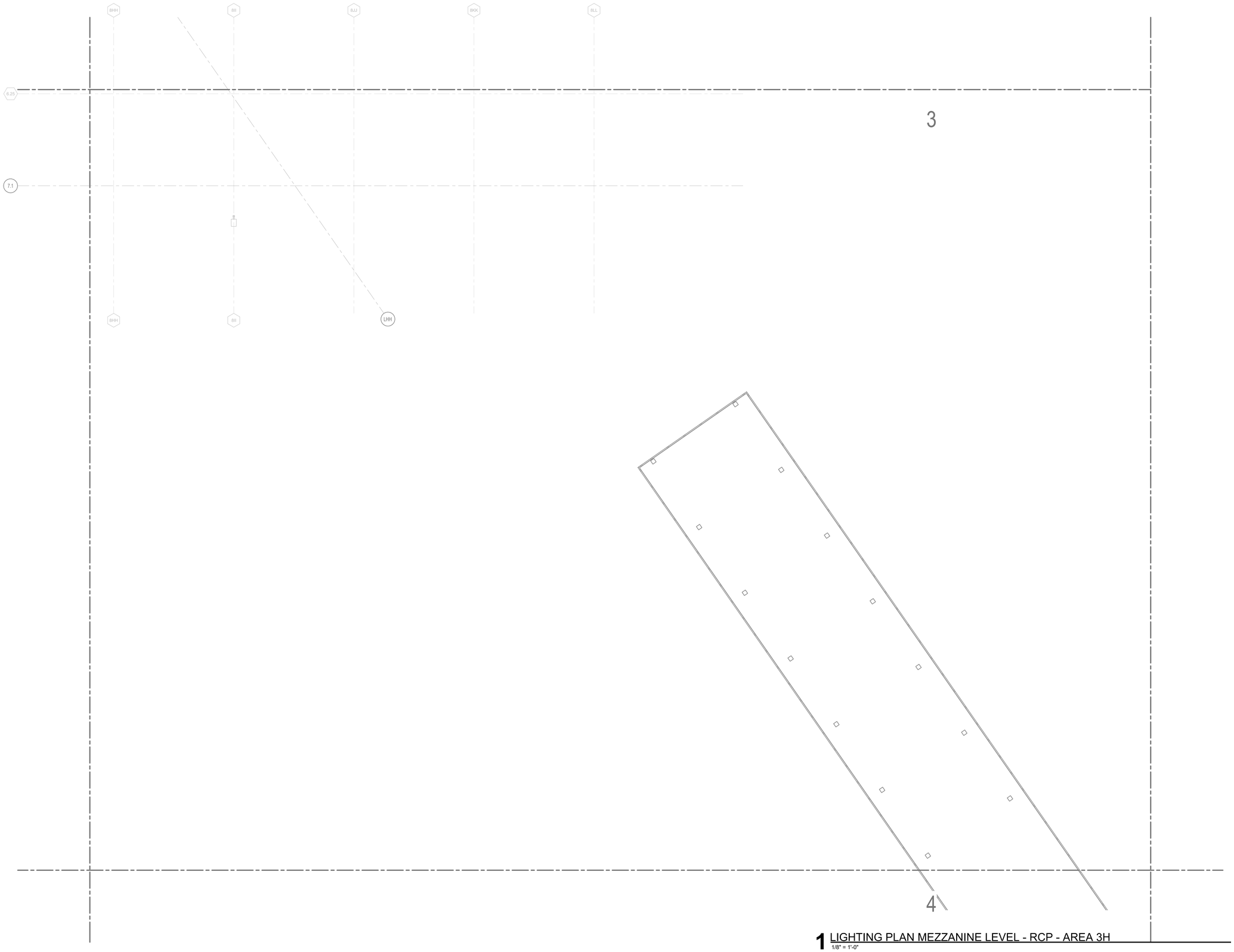

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COMPUTER WORKSTATION

SYSTEM TYPE:
- PA - PUBLIC ADDRESS
- EVIDS - ELECTRONIC VISUAL DISPLAY
- BRS - BAGGAGE RECONCILIATION

XXX
CWS — COMPUTER WORKSTATION

DISTRIBUTED ANTENNA SYSTEM

T — TYPE; XX; #### — TETRA ANTENNA; UNIQUE ID

RU — TYPE; XX; #### — REMOTE ANTENNA; UNIQUE ID

M — TYPE; XX; #### — MOBILE ANTENNA; UNIQUE ID

ENLARGED PLAN SYMBOL LEGEND

- SOLID CABLE TRAY
- LADDER TRAY
- VERTICAL LADDER TRAY
- CONDUIT
- CONDUIT OPEN ON CURRENT LEVEL
- CONDUIT PASSING THROUGH CURRENT LEVEL
- MODULAR FIRE-RATED PATHWAY THROUGH WALL
- MODULAR FIRE-RATED PATHWAY THROUGH FLOOR (RISER)
- CLEAR SPACE FOR VERTICAL RISER
- SBB
- 3/4" PLYWOOD BACKBOARD
- SPACE RESERVED FOR WALL MOUNTED EQUIPMENT
- TYPICAL TELECOM ROOM ENCLOSED CABINET
- WORKING CLEARANCE OF 3' FRONT AND BACK (TYPICAL)
- R#-# — CABINET ID
- ARROW INDICATES FRONT OF CABINET

CABINET ID: R#-#
- SEQUENTIAL No.
- CABINET ROW No.

- 6RU CCTV WALL CABINET
- 3 FT. WORKING CLEARANCE
- ACS PANEL
- 3 FT. WORKING CLEARANCE

EVIDS

EVIDS — TYPE - SEE CUPPS DETAIL; CUPPS WORKSTATION

X - ## - ## - ##
- SEQUENTIAL NUMBER
- SECTOR/AREA NUMBER
- BUILDING FLOOR/LEVEL NUMBER
- FACILITY IDENTIFCATION AS NOTED:
  - A - XXXXXX
  - B - XXXXXX
  - C - XXXXXX

IPTV/CATV

FPD — TYPE: T1 - 40" LCD; T2 - 46" LCD; FLAT PANEL DISPLAY

X-YYZZ-####
- SEQUENTIAL NUMBER
- SECTOR/AREA NUMBER
- BUILDING FLOOR/LEVEL ID
- FACILITY IDENTIFICATION AS NOTED: T3 - TERMINAL 3

TV — TELEVISION DISPLAY

STB — SET TOP BOX

X-YYZZ-####
- SEQUENTIAL NUMBER
- SECTOR/AREA NUMBER
- BUILDING FLOOR/LEVEL ID
- FACILITY IDENTIFICATION AS NOTED: T3 - TERMINAL 3

SATELLITE ANTENNA

STRUCTURED CABLING

- MOUNTING CONFIGURATION (SEE DETAIL FOR TYPE)
- FACEPLATE CONFIGURATION (SEE DETAIL FOR PORT QTY/TYPE)

X - ## — IMO TYPE CONFIGURATION

INFORMATION MEDIA OUTLET

X - ## . ## . ### — UNIQUE IDENTIFIER
- SEQUENTIAL NUMBER
- SECTOR/AREA NUMBER
- BUILDING FLOOR/LEVEL NUMBER
- FACILITY IDENTIFICATION AS NOTED: T3 - TERMINAL 3

MOUNTING INFORMATION
- SURFACE MOUNT (18" AFF UNLESS OTHERWISE NOTED)
- FLOOR MOUNT
- SUB-FLOOR MOUNT
- CEILING MOUNT
- ABOVE CEILING MOUNT

TELEPHONE

T X-X — TELEPHONE DEVICE - DESKTOP

- HANDSET CONFIGURATION:
  - A - AUTO-DIAL PHONE
  - B - BLUE PHONE / EMERGENCY
    - B1 - SURFACE WALL / POLE MOUNT
    - B2 - FLUSH WALL MOUNT
    - B3 - TOWER MOUNT
    - B4 - PEDESTAL MOUNT
  - C - CONFERENCE PHONE
  - E - ENHANCED OFFICE PHONE
  - H - HEAVY DUTY PHONE
  - N - NO DEVICE
  - P - PUBLIC USE
  - S - STANDARD OFFICE PHONE
  - T - TDD/TTY DEVICE
  - U - UTILITY PHONE
- TRANSMISSION TYPE:
  - A - ANALOG
  - D - DIGITAL
  - V - VOIP

T X-X — TELEPHONE DEVICE - WALL

WIRELESS

W X##-X — MOUNTING CONFIGURATION (SEE DETAILS); ANTENNA TYPE (SEE DETAIL TABLE); WIRELESS ACCESS POINT - CEILING

W X##-X ###mm AFF — ARROW INDICATES INTERNAL DIRECTIONAL ANTENNA AIM (IF APPLICABLE); MOUNTING CONFIGURATION (SEE DETAILS); WIRELESS ACCESS POINT - CEILING; MOUNTING HEIGHT AFF

- OMNI DIRECTIONAL ANTENNA
- DIRECTIONAL ANTENNA (ARROW INDICATES DIRECTION)

PUBLIC ADDRESS

S X #### #1 — PUBLIC ADDRESS LAY-IN SPEAKER
- SPEAKER TYPE (SEE BELOW & SPECIFICATIONS)
  - A - 4.5" ROUND CEILING/CEILING
  - B - 8" ROUND CEILING CEILING
  - C - 12" ROUND CEILING CEILING
- PA ZONE
- INITIAL TAP

S X #### #1 — PUBLIC ADDRESS WALL SPEAKER
- SPEAKER TYPE (SEE BELOW & SPECIFICATIONS)
  - D - 8" INTERIOR SURFACE MOUNT WALL SPEAKER
  - E - INTERIOR SURFACE MOUNT WALL LINE ARRAY SPEAKER
- PA ZONE
- INITIAL TAP

S X #### #1 — PUBLIC ADDRESS SURFACE MOUNT CABINET SPEAKER
- SPEAKER TYPE (SEE BELOW & SPECIFICATIONS)
  - A -
  - B -
  - C -
- PA ZONE
- INITIAL TAP

M ### X — PUBLIC ADDRESS MICROPHONE
- UNIQUE IDENTIFIER
- TYPE (SEE BELOW & SPECIFICATIONS)
  - A - DESK/COUNTER MICROPHONE STATION (4-BUTTON)
  - B - DESK/COUNTER MICROPHONE STATION (12-BUTTON)
  - S - SLAVE MICROPHONE STATION
  - W - WALL-MOUNTED MICROPHONE STATION (4-BUTTON) 4'-6" (1370mm) AFF

A ### X — AMBIENT NOISE SENSOR
- UNIQUE IDENTIFIER
- MOUNTING TYPE (SEE BELOW & SPECIFICATIONS)
  - A1 -:CEILING RECESSED
  - B1 -/WALL, +10'-0" (3050mm) AFF

VC ## — VOLUME CONTROL, +48" (1220mm) AFF
- QUANTITY
- TYPE

ZTB X — PUBLIC ADDRESS ZONE TIE BOX
- TYPE

PA ZONE ### — PUBLIC ADDRESS ZONE

DRAWING REFERENCES

- PLAN DETAIL REFERENCE TITLE
- SECTION REFERENCE TITLE
- # — KEYED NOTE DESIGNATION
- XXXX — ROOM NUMBER
- NORTH ARROW
- X — DRAWING REVISION

SPECIAL SYSTEMS ABBREVIATIONS

(E)	EXISTING
AFFL	ABOVE FINISHED FLOOR LEVEL
AODB	AIRPORT OPERATIONAL DATABASE
APM	AUTOMATED PEOPLE MOVER
ARCS	AUXILIARY RADIO COMMUNICATION SYSTEM
ATCT	AIR TRAFFIC CONTROL TOWER
AV	AUDIOVISUAL
BHS	BAGGAGE HANDLING SYSTEM
BICSI	BUILDING INDUSTRY CONSULTING SERVICE INTERNATIONAL
BIDS	BAGGAGE INFORMATION DISPLAY SYSTEM
BLE	BLUETOOTH LOW ENERGY
BMS	BUILDING MANAGEMENT SYSTEM
BOH	BACK OF HOUSE
BPG	BOARDING PASS GATES
BRS	BAGGAGE RECONCILIATION SYSTEM
BTS	BASE TRANSCEIVER STATION
C	CONDUIT
CAN	CAMPUS AREA NETWORK
CBIS	CHECKED BAGGAGE INSPECTION SYSTEM
CBP	CUSTOMS AND BORDER PROTECTION
CBRA	CHECKED BAGGAGE RECONCILIATION AREA
CDA	CHICAGO DEPARTMENT OF AVIATION
CIB	COMMUNICATIONS INTERFACE BOX
CIDS	COUNTER INFORMATION DISPLAY SYSTEM
CMS	CONTENT MANAGEMENT SYSTEM
CT	CONSOLIDATED TUNNEL
CUPPS	COMMON USE PASSENGER PROCESSING SYSTEM
CUS	COMMON USE SYSTEM
CUSS	COMMON USE SELF SERVICE
DAS	DISTRIBUTED ANTENNA SYSTEM
DCS	DEPARTURE CONTROL SYSTEM
DHS	DEPARTMENT OF HOMELAND SECURITY
DNC	DATA NETWORK CENTER
DNE	DATA NETWORK EQUIPMENT
ECS	EMERGENCY COMMUNICATION SYSTEM
EIA	ELECTRONIC INDUSTRIES ALLIANCE
EMI	ELECTROMAGNETIC INTERFERENCE
EMT	ELECTRICAL METALLIC TUBING
EVIDS	ELECTRONIC VISUAL DISPLAY SYSTEM
FAA	FEDERAL AVIATION ADMINISTRATION
FD	FLOOR DISTRIBUTOR
FIDS	FLIGHT INFORMATION DISPLAY SYSTEM
FO	FIBER OPTIC
FOH	FRONT OF HOUSE
GIDS	GATE INFORMATION DISPLAY SYSTEM
GLS	GEO-LOCATION SYSTEM
GMS	GATE MANAGEMENT SYSTEM
GTS	GROUND TRANSPORTATION SERVICES
IB	INFORMATION BROKER
IDF	INTERMEDIATE DISTRIBUTION FRAME
IP	INTERNET PROTOCOL
IPTV	IP TELEVISION
ISSI	INTER RF SUBSYSTEM INTERFACE
IT	INFORMATION TECHNOLOGY
ITS	INTELLIGENT TRANSPORTATION SYSTEMS
KVA	KILOVOLT-AMPERE
KVM	KEYBOARD VIDEO MOUSE
LAN	LOCAL AREA NETWORK
MCS	MASTER CLOCK SYSTEM
MDF	MAIN DISTRIBUTION FRAME
MDS	MESSAGE DISTRIBUTION SYSTEM
MIC	MICROPHONE
MIMO	MULTIPLE INPUT MULTIPLE OUTPUT
MIN	MINIMUM
MISC	MISCELLANEOUS
MMDS	MULTIMEDIA DISTRIBUTION SYSTEM
MNS	MASS NOTIFICATION SYSTEM
MSS	MASS STORAGE SYSTEM
NAS	NETWORK ATTACHED STORAGE
NEC	NATIONAL ELECTRICAL CODE
NECA	NATIONAL EXCHANGE CARRIER ASSOCIATION
NTS	NOT TO SCALE
OCC	O'HARE COMMUNICATIONS CENTER
OCC	O-HARE COMMUNCATIONS CENTER
OGT	O'HARE GLOBAL INTERNATIONAL
OLN	OPTICAL NETWORK TERMINAL
OLT	OPTICAL LINE TERMINAL
OSP	OUTSIDE PLANT
OSR	ON SCREEN RESOLUTION
PAS	PUBLIC ADDRESS SYSTEM
PAVE	PUBLIC ADDRESS AND VOICE EVACUATION
PDU	POWER DISTRIBUTION UNIT
PMR	PRIVATE MOBILE RADIO
PMRS	PRIVATE MOBILE RADIO SYSTEM
POE	POWER OVER ETHERNET
PON	PASSIVE OPTICAL NETWORK
PPS	PASSENGER PROCESSING SYSTEMS
RF	RADIO FREQUENCY
RFI	RADIO FREQUENCY INTERFERENCE
RIDS	RAMP INFORMATION DISPLAY SYSTEM
RMS	RESOURCE MANAGEMENT SYSTEM
RU	RACK UNIT
RX	RECEIVER
RX	RECEIVE
SAN	STORAGE AREA NETWORK
SBB	SECONDARY BUSBAR
SCN	STRUCTURED CABLING NETWORK
SCS	STRUCTURED CABLING SYSTEM
SISO	SINLE INPUT SINGLE OUTPUT
SM	SINGLE-MODE
SSBG	SELF-SERVICE BOARDING GATES
TAP	TERMINAL AREA PLAN
TBD	TO BE DETERMINED
TIA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION
TSA	TRANSPORTATION SECURITY ADMINISTRATION
TX	TRANSMITTER
TX	TRANSMIT
UL	UNDERWRITERS LABORATORIES
UPS	UNINTERRUPTABLE POWER SUPPLY
VDGS	VISUAL DOCKING AND GUIDANCE SYSTEM
VLAN	VIRTUAL LOCAL AREA NETWORK
VOIP	VOICE OVER IP
VSE	VIRTUAL SERVER ENVIRONMENT
VSS	VIDEO SURVEILLANCE SYSTEM
WBS	WORK BREAKDOWN STRUCTURE
WDN	WIRELESS DATA NETWORK

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
Introba

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

TELECOM ABBREVIATIONS & SYMBOLS

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER **T0.01** VOLUME: **3**

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TELECOM GENERAL NOTES

1 THE WORK UNDER THIS CONTRACT REQUIRES COORDINATION WITH OTHER CONTRACTORS FOR PRESENT OR ADDITIONAL WORK TO BE AWARDED BY THE OWNER AT OR NEAR THE SITE OF THIS PROJECT. THE CONTRACTOR SHALL FULLY COOPERATE WITH SUCH OTHER CONTRACTORS AND SHALL COORDINATE WORK IN SUCH A MANNER THAT THE WORK MUTUALLY INVOLVING OR AFFECTING THIS PROJECT WILL BE PERFORMED WITHOUT EXCESSIVE DELAYS OR INTERFERENCES.
2 NO OPEN BURNING OF WASTE MATERIAL SHALL BE PERMITTED ON-SITE. LEGALLY DISPOSE OF ALL MATERIALS OFF-SITE.
3 THE CONTRACTOR SHALL COMPLY WITH THE OWNER CONSTRUCTION SAFETY STANDARDS AND THE OCCUPATIONAL SAFETY STANDARDS OF THE CHICAGO DEPARTMENT OF AVIATION, THE CITY OF CHICAGO, AND THE STATE OF ILLINOIS.
4 ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL APPLICABLE OWNER STANDARDS, CODES, SPECIFICATIONS, LOCAL ORDINANCES, INDUSTRY STANDARDS AND UTILITY COMPANY REGULATIONS.
5 THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO THE START OF WORK AND REPORT ANY VARIATIONS TO THE RESIDENT ENGINEER.
6 CONTRACTOR SHALL NOT STORE MATERIALS SO AS TO OBSTRUCT TRAFFIC OR OTHER AIRPORT AND TENANT OPERATIONS.
7 AT NO TIME SHALL THE CONTRACTOR OBSTRUCT THE ROADWAYS OR OPERATIONAL AREAS. PROVIDE ROADWAY CONSTRUCTION AND SAFETY SIGNAGE PER LOCAL AND OWNER REQUIREMENTS.
8 COMPLETE AND DIMENSIONED AS-BUILT DRAWINGS, INCLUDING ELECTRICAL ONE-LINE DIAGRAMS, ETC., SHALL BE SUBMITTED TO THE OWNER IN ACCORDANCE WITH THE SPECIFICATIONS. ALL CONDUITS AND CABLE TRAYS SHALL BE LOCATED OFF OF BUILDING COLUMN LINES WHERE APPLICABLE.
9 DO NOT INTERFERE WITH THE USE OF ADJACENT AREAS NOT INCLUDED IN THE CURRENT WORK PHASE. MAINTAIN FREE AND SAFE PASSAGEWAYS TO AND FROM SUCH AREAS. DO NOT CLOSE OR OBSTRUCT WALKWAYS, PASSAGEWAYS, STAIRS AND OTHER MEANS OF EGRESS. WORK SHALL BE DONE TO MINIMIZE TRAFFIC INTERFERENCE.
10 CONTRACTOR SHALL OBTAIN ANY PERMITS OR LICENSES REQUIRED BY THE OWNER, GOVERNING MUNICIPALITY, AGENCIES OR UTILITIES PRIOR TO START OF ANY CONSTRUCTION. COPIES OF SAID PERMITS OR LICENSES SHALL BE SUBMITTED TO THE OWNER. IT MUST BE NOTED THAT IF THE CONTRACTOR DETERMINES A BUILDING PERMIT IS NOT REQUIRED, WRITTEN DOCUMENTATION SHALL BE REQUIRED.
11 BEFORE ANY TORCH CUTTING OR WELDING TAKES PLACE, PERMISSION AND REGULATIONS MUST BE OBTAINED FROM THE OWNER AND FIRE DEPARTMENT. A MINIMUM 48 HOUR NOTICE (NOT INCLUDING SATURDAYS, SUNDAYS OR HOLIDAYS) IS REQUIRED.
12 CONTRACTOR SHALL PROVIDE MINIMUM 48 HOUR NOTICE (NOT INCLUDING SATURDAYS, SUNDAYS, OR HOLIDAYS) BEFORE ANY INTERRUPTION OF UTILITIES.
13 ANY CHANGE IN THE APPROVED PLANS AND/OR SPECIFICATIONS SHALL BE SUBMITTED AND APPROVED BY THE OWNER PRIOR TO EXECUTION.
14 CONTRACTOR SHALL SUBMIT SCHEDULE, STAGING AREA AND DELIVERY PLAN TO SITE FOR SECURITY AND FIRE DEPARTMENT APPROVAL PRIOR TO EXECUTION.
15 CONTRACTOR SHALL CAREFULLY REMOVE, STORE AND REPLACE ALL REMOVABLE CEILING AS REQUIRED TO PERFORM WORK. ANY DAMAGED CEILING SHALL BE REPLACED WITH MATCHING MATERIALS AT NO COST TO THE AIRPORT.
16 WHERE EXISTING CONSTRUCTION IS CUT OR REMOVED, CONTRACTOR SHALL PATCH SURFACES TO MATCH EXISTING CONSTRUCTION TECHNIQUES. EXTENSION OF CONDUITS THROUGH FLOOR SLABS AND FIRE RATED PARTITIONS SHALL BE FIRE-STOPPED TO MEET 2-HOUR PENETRATION REQUIREMENTS.
17 METHODS FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS FROM THE SITE SHALL MEET THE REQUIREMENTS OF THE SITE AND THE OWNER. NO DEBRIS SHALL BE LEFT IN THE AIRFIELD OR PUBLIC OR OTHER TENANT AREAS. THE CONTRACTOR SHALL IMMEDIATELY CLEAN UP ANY SPILLED DEBRIS IN THE AIRFIELD OR PUBLIC OR TENANT AREAS.
18 THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL CLEAN UP OF THE CONSTRUCTION SITE. ANY ADJACENT AREAS AFFECTED BY THE CONSTRUCTION SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE RETURNED TO ITS ORIGINAL CONDITIONS.
19 THE CONTRACTOR SHALL CALL TO THE ATTENTION OF THE OWNER ANY EXISTING DAMAGED EQUIPMENT OR AREAS PRIOR TO COMMENCEMENT OF ANY WORK.
20 ALL CONDUIT EXPOSED TO VIEW IN FINISHED SPACES SHALL BE PAINTED TO MATCH NEW AND EXISTING ADJACENT SURFACES. EXPOSED OR ACCESSIBLE RACEWAYS AND CONDUITS (EXCEPT LIGHTING) OF ALL SYSTEMS SHALL BE IDENTIFIED AS DESCRIBED IN THE SPECIFICATIONS AND DESIGN STANDARDS FOR IDENTIFICATION.
21 REPAIR OF ANY AIRPORT OR TENANT OWNED EQUIPMENT DAMAGED DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
22 CONTRACTOR SHALL BE LIABLE FOR ANY WIRING OR COMMUNICATION LINE WHEN BORING, DRILLING SLAB, OR PENETRATING WALLS IS REQUIRED.
23 PROVIDE TEMPORARY WIRING AS REQUIRED TO MAINTAIN POWER, LIGHTING, AND OTHER SYSTEMS IN AREAS OUTSIDE OF CONSTRUCTION.
24 SUBMITTAL OF BID INDICATES THAT THE CONTRACTOR ACCEPTS EXISTING CONDITIONS.
25 ALL PENETRATIONS OF CONDUITS THROUGH EXISTING MASONRY WALLS SHALL BE CORE DRILLED. PROVIDE ALL NECESSARY CORE DRILLING TO ACCOMPLISH THE CONDUIT ROUTINGS SHOWN ON THESE DRAWINGS.
26 CONTRACTOR SHALL PROVIDE PULL WIRES IN ALL EMPTY OR SPARE CONDUITS AND INNERDUCTS.
27 THESE DRAWINGS INDICATE THE GENERAL EXTENT OF THE WORK AND ARE NOT INTENDED TO INDICATE OR DESCRIBE ALL WORK REQUIRED FOR THE FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
28 WHEREVER POSSIBLE, ALL PENETRATIONS INTO EXISTING STRUCTURES SHALL BE THROUGH THE WALL OF THE STRUCTURE AND SHALL BE SEALED WEATHERTIGHT. IF A PENETRATION IS REQUIRED THROUGH THE ROOF OF ANY STRUCTURE, THE CONTRACTOR SHALL HIRE A ROOFING CONTRACTOR THAT IS A LICENSED DEALER FOR AND CERTIFIED FOR THE ROOFING OF THAT PARTICULAR STRUCTURE AND CAN PERFORM WORK ON THE ROOF WITHOUT VOIDING THE EXISTING WARRANTY.
29 ALL CONDUIT PROVIDED FOR INTERIOR SPACES, CONCEALED, OR ABOVE CEILINGS SHALL BE EMT. ALL EXTERIOR CONDUIT AND CONDUIT INSTALLED IN BAGGAGE HALLS BELOW 8 FEET AFF OR IN OR OVER VEHICLE DRIVE AREAS SHALL BE RIGID GALVANIZED STEEL TYPE UNLESS NOTED OTHERWISE.
30 ALL CONDUIT PENETRATIONS THROUGH EXTERIOR MASONRY WALLS, ROOFS, ETC. SHALL BE MADE WATERTIGHT UTILIZING LINK-SEALS. THE BOLT HEADS OF THE ASSEMBLY SHALL FACE INTO FINISHED AREA FOR INSPECTION. THE EXTERIOR SIDE OF EACH PENETRATION SHALL FIRST BE FILLED WITH SILICON CAULK AND FINISHED OFF WITH NON-SHRINK GROUT.
31 ALL OTHER WALL, FLOOR AND CEILING PENETRATIONS SHALL BE IN ACCORDANCE WITH OWNER'S DESIGN STANDARDS.
32 ANY WALL AND FLOOR PENETRATIONS SHALL BE SEALED PROVIDED WITH APPROPRIATE FIREPROOFING MATERIALS TO RETAIN THE ORIGINAL FIRE RATING OF THE PARTITIONS.
33 CONTRACTOR SHALL BE ADVISED THAT HAND DIGGING MAY BE REQUIRED IN CERTAIN AREAS OF EXCAVATION TO MINIMIZE POTENTIAL DAMAGE TO UNDERGROUND PIPING, CONDUITS, AND DUCT BANKS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO LOCATE ANY UNDERGROUND UTILITIES, ETC. AND PRESERVE THE INTEGRITY OF THE EQUIPMENT.
34 CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED AS PART OF THIS WORK. COORDINATE THE LOCATION OF NEW AND EXISTING EQUIPMENT, STRUCTURE, AND OBSTRUCTIONS WITH ALL OTHER DIVISIONS AND TRADES.
35 FIELD VERIFY ALL DIMENSIONS AND LOCATION OF ALL EQUIPMENT AND DEVICES.
36 UPON COMPLETION OF THE WORK ALL TELECOM, SECURITY, AND ELECTRICAL EQUIPMENT INCLUDING PANELS, TRANSFORMERS, BOXES, ETC. SHALL BE CLEANED BOTH INTERNALLY AND EXTERNALLY AND ALL MARRED SURFACES SHALL BE TOUCHED UP TO MATCH THE ORIGINAL FACTORY FINISH.
37 DO NOT SCALE DRAWINGS; FOLLOW NOTES, WRITTEN DIMENSIONS, AND SHOP DRAWINGS. ALL WIRING, INCLUDING BUT NOT LIMITED TO, POWER, SECURITY, AND DATA COMMUNICATION SYSTEMS SHALL BE IN CONDUIT, UNLESS NOTED OTHERWISE, PER OWNER'S DESIGN STANDARDS AND PROJECT SPECIFICATIONS.
38 ALL CONDUIT SHALL BE MINIMUM 3/4" SIZE. ALL RACEWAYS SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO THE BUILDING COLUMN GRID.
39 COORDINATE LOCATION OF UNDERGROUND RACEWAYS AND DUCT BANKS WITH GRADE BEAMS, COLUMN CAPS AND PIERS, SEWER, AND EXISTING UTILITIES.
40 ALL RACEWAYS WITHIN FINISHED SPACES SHALL BE CONCEALED UNLESS INDICATED OTHERWISE.
41 PROVIDE CONDUIT EXPANSION FITTINGS WHEREVER CONDUITS CROSS BUILDING EXPANSION JOINTS, FOR EVERY 200 FEET OF RUN, AND WHERE INDICATED.
42 ALL PULL BOXES ARE NOT SHOWN. PROVIDE PULL BOXES AS NEEDED OR REQUIRED BY NEC STANDARDS. PROVIDE PULL BOXES IN ALL RACEWAYS TO LIMIT THE NUMBER OF BENDS TO AN EQUIVALENT OF 180 DEGREES, NOT MORE THAN 200 FEET, AND TO NOT EXCEED CABLE MANUFACTURER'S CABLE PULLING TENSION LIMITS.
43 PULL BOXES SHALL NOT BE USED TO CHANGE DIRECTIONS. BENDS SHALL BE MADE WITH CONDUIT BEFORE AND AFTER A PULL BOX.
44 FIELD VERIFY MOUNTING HEIGHTS OF DEVICES WITH THE RESIDENT ENGINEER.
45 UNLESS OTHERWISE NOTED ON THE DRAWINGS OR SPECIFICATIONS, ALL UNDERGROUND CONDUITS SHALL BE ENCASED WITH A MINIMUM OF 3 INCHES SAND FILL ON ALL SIDES. ALL CONDUITS UNDER ROADWAY AREAS SHALL HAVE MINIMUM OF 3 INCHES OF GRANULAR FILL (SMALL CRUSHED LIMESTONE SCREENINGS) ON ALL SIDES. CONDUITS SHALL BE ROUTED A MINIMUM OF 3 FEET BELOW FINISHED GRADE.
46 PROVIDE TYPED CIRCUIT DIRECTORIES FOR ALL PANELBOARDS. INDICATE THE PANEL AND CIRCUIT RATINGS TOGETHER WITH THE LOAD TYPE, DESCRIPTION AND ROOM NUMBER SERVED FOR EACH BRANCH CIRCUIT.
47 SIZES OF ELECTRICAL EQUIPMENT SHOWN ON PLANS INDICATES THE MAXIMUM ALLOWABLE SIZE OF EQUIPMENT. CONTRACTOR MUST VERIFY THAT THE PROPOSED EQUIPMENT WILL FIT IN THE ASSIGNED SPACE.
48 CONDUITS FOR ALL VOICE/DATA OUTLETS AND COPPER FED CAMERAS SHALL BE ROUTED IN SUCH A MANNER SO AS TO NOT EXCEED 295 FEET OR THE DISTANCE NOTED ON THE DRAWINGS. CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ENGINEER ANY VOICE/DATA CONDUIT RUN WHICH EXCEEDS THIS DISTANCE BEFORE INSTALLING CONDUIT AND/OR CABLING.
49 SECURITY SYSTEMS CONDUITS TO DNC AND FD ROOMS SHALL BE HOME RUN. CONTRACTOR SHALL NOT COMBINED MORE THAN THREE PORTALS AND SHALL NOT COMBINE SECURITY CONDUITS WITH ANY OTHER SYSTEM CONDUITS.
50 SYSTEMS EQUIPMENT LOCATED IN COMM ROOMS SHALL BE GROUNDED PER TIA-607-D.
51 UNLESS NOTED OTHERWISE ON THE DRAWINGS, ALL UNITS OF MEASURE ARE PROVIDED IN FEET AND INCHES.
52 SEE ELECTRICAL DRAWINGS FOR POWER PROVISIONS TO BE PROVIDED FOR LOW VOLTAGE SYSTEMS.
53. ALL DUMPSTERS SHALL BE PROVIDED WITH TIGHT FITTING COVERS.
54 ALL CABLE PATHWAYS SHALL RUN PARALLEL OR ORTHOGONAL TO WALLS, FLOORS, AND CEILINGS.

CABLING INSTALLATION NOTES

1. ALL TELECOMMUNICATION CABLING SHALL BE INSTALLED IN DEDICATED PATHWAYS OR THOSE PATHWAYS IDENTIFIED FOR LOW VOLTAGE SYSTEMS.
2. ALL HORIZONTAL PATHWAYS SHALL BE ROUTED SUCH THAT THE TOTAL HORIZONTAL END TO END CABLE LENGTHS SHALL NOT EXCEED 295 FEET. IF THIS REQUIREMENT CANNOT BE MET, CONTACT THE ENGINEER PRIOR TO PATHWAY INSTALLATION.
3. ALL EXTERIOR CABLES AND TERMINATIONS SHALL BE OUTDOOR RATED.
4. ALL PATCH CORDS SHALL BE FACTORY TERMINATED, UNLESS OTHERWISE NOTED.
5. LABEL ALL TELECOMMUNICATIONS COMPONENTS ACCORDING TO THE TIA EIA STANDARDS AND THE TELECOMMUNICATION SECTIONS OF THE SPECIFICATIONS.

OUTLET INSTALLATION NOTES

1. COORDINATE EXACT MOUNTING LOCATION FOR ALL OUTLETS WITH ARCHITECTURAL DRAWINGS.
2. PROVIDE DOUBLE GANG BOX WITH (1) 1" STUB-UP/CONDUIT AS APPLICABLE FOR ALL WALL MOUNTED OUTLETS, UNLESS OTHERWISE NOTED.
3. TELECOMMUNICATIONS OUTLETS SHALL NOT BE INSTALLED BACK TO BACK WITH ANY OTHER DEVICE IN A PARTITION WALL BUT BE OFFSET BY A MINIMUM OF 8".
4. COORDINATE WITH ELECTRICAL AND ARCHITECT FOR THE FLOOR BOX SPACES. REFER TO ELECTRICAL AND ARCHITECTURAL DRAWINGS FOR THE DETAILS. CONTRACTOR SHALL USE A MINIMUM OF 2 GANG BOX FOR EACH FLOOR BOX LOCATION TO TERMINATE OUTLETS ON THE FACEPLATES.

GROUNDING AND BONDING INSTALLATION NOTES

1. ALL EQUIPMENT, CABLING, AND PATHWAYS SHALL BE GROUNDED AND INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS AND ANSI J-STD-607-B. PROVIDE GROUND CONDUCTORS, GROUND CLAMPS, COMPRESSION TAPS, LUGS, ETC, AS REQUIRED FOR CONNECTION TO THE TELECOMMUNICATIONS GROUNDING AND BONDING SYSTEM.
2. TELECOMMUNICATIONS GROUNDING AND BONDING SYSTEM SHALL BE PROVIDED BY DIVISION 26, INCLUDING BUT NOT LIMITED TO: BONDING CONDUTOR FOR TELECOMMUNICATIONS, TELECOMMUNICATIONS MAIN GROUNDING BUSBAR, TELECOMMUNICATIONS BONDING BACKBONE, TELECOMMUNICATIONS GROUNDING BUSBAR(S), GROUNDING EQUALIZER AND BONDING CONDUCTORS TO BUILDING STEEL (WHERE APPLICABLE), POWER PANELS (WHERE APPLICABLE), AND CONDUITS.
3. REFER TO ELECTRICAL DRAWINGS FOR TELECOMMUNICATIONS GROUNDING BUSBAR CONNECTIONS.

CONDUIT REQUIREMENTS

1. COMPLETE CONDUIT SHALL BE PROVIDED BETWEEN BACK BOXES AND PROTECTED AREAS SUCH AS WALLS & ABOVE CEILING TO COMM ROOMS. ALL DEVICES WITHIN EXPOSED UNFINISHED SPACES SHALL BE PROVIDED WITH CONDUIT. ALL SECURITY CONDUIT IN FINISHED AREAS SHALL BE CONCEALED IN CHASES, FURRINGS, CONCRETE SLABS AND/OR ABOVE SUSPENDED CEILINGS. NO EXPOSED CONDUIT SHALL BE INSTALLED WITHIN PUBLIC AREAS.
2. CONDUIT SHALL BE PROPERLY INSTALLED AND ADEQUATELY SUPPORTED AS REQUIRED TO COMPLY WITH THE REQUIREMENTS OUTLINED HEREIN AND AS REQUIRED BY NECA 1 TO PROVIDE A NEAT, WORKMANLIKE INSTALLATION.
3. HORIZONTAL CONDUIT RUNS SHALL BE SUPPORTED BY CLAMPS, PIPE STRAPS, SPECIAL BRACKETS OR HEAVY IRON TIES, CONNECTED TO STRUCTURAL MEMBERS SUPPORTING THE CEILING. FASTENING OF CONDUIT TO MASONRY WALLS, FLOOR OR PARTITIONS REQUIRE MALLEABLE PIPE CLIPS WITH SCREWS AND SUITABLE EXPANSION SLEEVES.
4. TELECOM CONDUIT AND CABLE TRAY SHALL COMPLY WITH THE FOLLOWING MINIMUM CLEARANCES:
   - 12" (300 mm) FROM ANY PARALLEL ELECTRICAL METALLIC CABLE TRAY OR CONDUIT.
   - 6" (152 mm) FROM ANY 90 DEGREE ELECTRICAL CONDUIT CROSSING.
   - 12" (300 mm) CABLE TRAY FROM ANY OBSTRUCTION ABOVE.
   - 12" (300 mm) CABLE TRAY FROM ANY OBSTRUCTION BELOW.
   - 47" (1194 mm) FROM ELECTRICAL MOTORS AND TRANSFORMERS.
5. EXCEPTION: CABLE TRAY CLEARANCE FROM ANY OBSTRUCTION, OTHER THAN ELECTRIC POWER, MAY BE REDUCED TO 150 mm (6") ALONG A MAXIMUM CABLE TRAY LENGTH OF 1.5 M (59").
6. PROVIDE ADDITIONAL CLEARANCE OR APPROVED HEAT SHIELDING AND/OR INSULATION FROM HEAT SOURCES AS REQUIRED TO PREVENT CABLE TRAY OR CONDUIT TEMPERATURE FROM EXCEEDING 113 DEGREES FAHRENHEIT.
7. ALL FIELD DEVICES SHALL BE PROVIDED WITH AN ACCOMPANYING BACK BOX.
8. THE CONTRACTOR MAY COMBINE AND CONSOLIDATE MULTIPLE CONDUIT RUNS (SACS RUNS WITH OTHER SACS RUNS OR CAMERA INTERFACE BOX (CIB) RUNS WITH OTHER CIB RUNS) INTO SINGLE CONDUIT RUNS AT THE CONTRACTORS DISCRETION, SO LONG AS CONDUIT CABLE FILL NEVER EXCEEDS 40%, CABLE PULLING TENSIONS ARE NOT EXCEEDED, CABLE BEND RADIUS REQUIREMENTS ARE MET, OVERALL CAPACITY IS NOT REDUCED, AND CONDUIT SIZE DOES NOT EXCEED 2 INCHES.
9. WHERE DESK OR TABLE MOUNTED SECURITY DEVICES SUCH AS DURESS BUTTONS ARE REQUIRED, THE CONTRACTOR SHALL PROVIDE ARMORED CABLE FROM THE DEVICE, TO A FLOOR OR WALL MOUNTED BACK BOX.
10. CONDUIT SHALL BE ROUTED AND TERMINATED AT THE BASE OR TOP OF EQUIPMENT RACKS AND CONSOLES, AT WHICH POINT THE CABLE MAY BE ROUTED EXPOSED WITHIN RACKS AND CONSOLE BAYS.
11. ALL CONDUIT USED IN POTENTIALLY DAMP OR WET LOCATIONS, EXPOSED OUTDOORS OR IN HAZARDOUS AREAS OR EXPOSED TO VEHICULAR TRAFFIC SHALL BE INTERMEDIATE METAL CONDUIT (IMC).
12. CONDUIT SHALL BE PROVIDED BETWEEN WIRE TROUGHS AND SECURITY EQUIPMENT RACKS WITHIN THE SAME CLOSET.
13. SECURITY EQUIPMENT SHALL BE EQUIPPED WITH WIRE TROUGHS SIZED TO ACCOMMODATE ALL CONDUITS EXTENDING FROM FIELD DEVICES. CONDUIT SHALL BE PROVIDED BETWEEN WIRE TROUGHS AND WALL MOUNTED SECURITY EQUIPMENT.
14. ALL EXTERIOR, IN SLAB, OR DIRECT BURIED IN GROUND CONDUIT SHALL BE INNERDUCT WITHIN PVC.
15. ALL CONDUIT AND BACK BOXES SHALL CONFORM TO BUILDING STANDARD ELECTRICAL SPECIFICATIONS.
16. ALL CONDUIT SHALL BE CUT ACCURATELY TO MEASUREMENTS ESTABLISHED AT THE BUILDING AND SHALL BE INSTALLED WITHOUT SPRINGING OR FORCING.
17. PROVIDE PULL STRINGS IN ALL CONDUIT, RATED @ 1200 lb TENSILE STRENGTH MINIMUM.
18. ALL REQUIRED INSERTS SHALL BE DRILLED-IN AND ALL OPENINGS REQUIRED THROUGH CONCRETE OR MASONRY SHALL BE SAW CUT OR CORE DRILLED WITH TOOLS SPECIFICALLY DESIGNED FOR THIS PURPOSE.
19. ALL CONDUITS SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED, AND FURNISHED WITH MEASURED PULL TAPE. THE CONTRACTOR SHALL ALSO PROVIDE PLASTIC BUSHINGS AT ALL SLEEVE AND OPEN CONDUIT ENDS.
20. ALL CONDUIT, OTHER THAN SPECIFIED HEREIN SHALL BE RGS, IMC, OR PVC, SHALL BE ELECTRICAL METALLIC TUBING (EMT).
21. ALL BACK BOXES MOUNTED WITHIN FIRE RATED PARTITIONS SHALL MEET THE RATING OF THE PARTITION AS REQUIRED BY CODE. PROVIDE FIRE STOPS WHERE CONDUITS PENETRATE FIRE RATED WALLS AND/OR FLOORS.
22. ALL BOXES SHALL BE PROVIDED WITH ACCOMPANYING COVER PLATE.
23. ALL ENCLOSURES, BOXES, JUNCTION BOXES, PULL BOXES, AND CONDUIT FITTINGS LOCATED WITHIN ACCESSIBLE SPACE SHALL BE SECURED WITH TORX HIGH SECURITY SCREWS WITH CENTER REJECTION PIN.
24. BOXES IN EXTERIOR LOCATIONS SHALL BE WATERPROOF CONDUIT CAST BOXES WITH WATERPROOF DEVICES AND COVERS. PROVIDE WATER TIGHT GLAND SEALING ASSEMBLIES WITH PRESSURE BUSHINGS AS REQUIRED FOR EXTERIOR PENETRATIONS.
25. PROVIDE PULL BOXES AS REQUIRED.
26. ALL JUNCTION, PULL AND BACK BOXES SHALL BE SECURELY INSTALLED AND SHALL MEET EQUIPMENT MANUFACTURERS RECOMMENDATION.

PATHWAY INSTALLATION NOTES

1. PROVIDE APPROPRIATE CABLE SUPPORT (CABLE TRAYS, CONDUITS, OR J-HOOKS) FOR ALL HORIZONTAL CABLING FROM ALL TELECOM SPACES TO EACH TELECOM OUTLET FOR ENTIRE ROUTE.
2. ALL CABLE PATHWAYS SHALL BE CONCEALED IN WALL AND CEILING SPACES WHERE POSSIBLE UNLESS OTHERWISE NOTED.
3. ALL CABLE PATHWAYS SHALL BE RUN PARALLEL OR ORTHOGONAL TO WALLS, FLOORS, AND CEILINGS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH OTHER TRADE DRAWINGS. CONTRACTOR TO SURVEY/COORDINATE THE LOCATION OF MECHANICAL, PLUMBING AND OTHER EQUIPMENT AS REQUIRED, PRIOR TO WORK EXECUTION IN ORDER TO PROPERLY COORDINATE CABLE PATHWAYS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING AND LOCATING ALL CONDUIT, SLEEVES, FLOOR BOXES, PULL BOXES, STUB UPS, CABLE TRAY, RACEWAYS, AND BACK BOXES WHICH SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
6. EXACT PATHWAYS TO BE DETERMINED IN THE FIELD.
7. ALL CONDUITS SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED AND FURNISHED WITH PULL STRINGS (BY THE CONTRACTOR).
8. CONTRACTOR SHALL PROVIDE CONDUITS IN ALL EXPOSED AND INACCESSIBLE WALLS, FLOORS AND CEILINGS FOR THE PURPOSE OF PULLING CABLING TO TELECOMMUNICATIONS OUTLET LOCATIONS.
9. PROVIDE PLASTIC BUSHINGS AT ALL SLEEVE AND OPEN CONDUIT ENDS.
10. PROVIDE A PULL BOX IN CONDUIT RUNS SUCH THAT:
    A. MAXIMUM CONTINUOUS CONDUIT RUN SHALL NOT EXCEED 100 FEET
    B. NO MORE THAN TWO 90 DEGREE BENDS EXIST IN A CONTINUOUS CONDUIT RUN
    C. AT LEAST ONE PULL BOX PER REVERSE (U-SHAPED) BEND IN CONDUIT RUN
    D. IT IS LOCATED IN THE STRAIGHT SECTION OF A CONDUIT AND NOT IN LIEU OF A BEND
    E. ALL PULL BOXES ARE ACCESIBLE AND HAVE REMOVABLE COVERS
11. PULL BOXES ARE SHOWN FOR COORDINATION PURPOSES. CONTRACTOR IS RESPONSIBLE TO PROVIDE ADDITIONAL PULL BOXES AS REQUIRED TO MEET TIA EIA INSTALLATION REQUIREMENTS.
12. WHENEVER CONDUIT PULL BOXES ARE INSTALLED ABOVE INACCESSIBLE CEILINGS, ACCESS PANELS SHALL BE PROVIDED. SIZE OF ACCESS PANELS SHALL BE EQUAL TO OR GREATER IN SIZE THEN THE REMOVABLE COVER. CONDUIT FROM OUTLETS SHALL BE TERMINATED WITHIN 2" OF AN ACCESS PANEL FOR ACCESS.
13. THE MINIMUM BEND RADIUS FOR A CONDUIT THAT IS 2" OR LESS IN DIAMETER SHALL BE 6 TIMES THE INTERNAL CONDUIT DIAMETER. IF THE CONDUIT IS LARGER THAN 2" THE BEND RADIUS SHALL BE 10 TIMES THE INTERNAL DIAMETER OF THE CONDUIT.
14. CONDUITS THAT ARE LESS THAN 2" DIAMETER ARE NOT TYPICALLY SHOWN ON THE TELECOM DRAWINGS.
15. THE CONTRACTOR MAY CONSOLIDATE INDIVIDUAL CONDUIT PATHWAYS DIRECTLY SERVING TELECOMMUNICATIONS OUTLETS INTO FEWER AND LARGER CONDUIT(S). ALL CONDUIT FILL CALCULATIONS SHALL INCLUDE AN ALLOWANCE FOR 25% GROWTH. ALL CONDUIT CONSOLIDATIONS SHALL COMPLY WITH TIA STANDARDS AND BICSI GUIDELINES IN GENERAL AND SPECIFICALLY FOR CAPACITY AND DERATING FOR CONDUIT BENDS.
16. ALL CONDUIT FITTINGS SHALL BE APPROVED FOR USE AS PART OF THE TELECOMMUNICATIONS SYSTEM PATHWAYS PER BICSI GUIDELINES.
17. THE CONTRACTOR SHALL USE THE FOLLOWING CRITERIA WHEN INSTALLING CABLE TRAY AND LADDER RACK:
    A. PROVIDE 3" MINIMUM CLEARANCE BELOW THE CABLE TRAY/LADDER RACK
    B. PROVIDE 1'-0" MINIMUM CLEARANCE MEASURED FROM THE TOP MOST SURFACE OF THE CABLE TRAY/LADDER RACK
    C. PROVIDE 1'-0" MINIMUM CLEARANCE FOR ACCESS ON ONE SIDE OF THE CABLE TRAY
    D. SLEEVES/CONDUITS ENTERING THE TELECOMMUNICATION SPACES THAT ARE INSTALLED ABOVE 10' ABOVE FINISHED FLOOR MUST HAVE VERTICAL LADDER RACK INSTALLED FROM THE BOTTOM OF THE SLEEVE TO THE TOP OF THE HORIZONTAL LADDER RACK FOR LASHING OF CABLES IN THE VERTICAL RUN.
    E. THERE SHALL BE NO OTHER EQUIPMENT, LIGHTS, CONDUITS, FIXTURES, ETC. ATTACHED TO, MOUNTED ON, RUNNING THROUGH OR ON THE CABLE TRAY/LADDER RACK, EXCEPT THOSE NEEDED TO SUPPORT THE CABLE TRAY/LADDER RACK SYSTEMS.
18. WHERE THE USE OF J-HOOKS IS PERMITTED, J-HOOKS SHALL BE SPACED NO MORE THAN 5'-0" APART. J-HOOKS ARE ONLY PERMITTED IN ACCESSIBLE CEILINGS.
19. J-HOOKS SHALL BE PROVIDED BY THE TELECOMMUNICATIONS CONTRACTOR UNLESS OTHERWISE NOTED.
20. USE APPROPRIATE FITTINGS FOR PATHWAYS CROSSING EXPANSION JOINTS.
21. ALL WALL AND FLOOR PENETRATIONS SHALL HAVE A MINIMUM 2-HOUR UL LISTED FIRE RATED SLEEVE ASSEMBLY INSTALLED REGARDLESS OF THE FIRE RATING OF THE WALL OR FLOOR. IF THE WALL OR FLOOR HAS FIRE RATING GREATER THAN 2-HOURS THE SLEEVE FIRE RATING SHALL, AT MINIMUM, MATCH THE FIRE RATING OF THE FLOOR OR WALL.
22. WHEN PENETRATING THE SLAB, SLEEVES SHALL BE CUT A MINIMUM OF 3" ABOVE THE FINISHED SLAB.
23. RE-ESTABLISH THE FIRE RATING OF ALL PENETRATIONS MADE THROUGH FIRE RATED FLOORS OR WALLS. REFERENCE ARCHITECTURAL DRAWINGS FOR FIRE RATINGS.
24. ALL CONDUITS AND SLEEVES DESIGNATED FOR TELECOMMUNICATIONS USE, WHETHER THEY ARE UTILIZED BY THE CONTRACTOR OR NOT, SHALL BE FIRE STOPPED OR PLUGGED AS REQUIRED BY CODE.

ROOM EQUIPMENT INSTALLATION NOTES

1. LOCATIONS OF ALL THE DEVICES AND EQUIPMENT IN THE TELECOM ROOMS/SPACES SHALL BE COORDINATED WITH ALL THE AFFECTED TRADES AND THE OWNER PRIOR TO INSTALLATION.
2. CONTRACTOR TO PROVIDE WALL MOUNTED VERTICAL LADDER RACK AND TIES TO SUPPORT TELECOMMUNICATION CABLING FROM SLEEVES UP TO THE OVERHEAD TELECOMMUNICATION PATHWAYS.
3. PROVIDE APPROPRIATE SEISMIC BRACING FOR TELECOMMUNICATION PATHWAYS, CABINETS, AND RACKS PER THE LOCAL SEISMIC ZONE REQUIREMENTS AND TELECOMMUNICATION SECTIONS OF THE SPECIFICATIONS.

WIRELESS GENERAL NOTES

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE, ALL APPLICABLE LOCAL CODES AND REGULATIONS, TIA EIA TELECOMMUNICATIONS STANDARDS, BICSI STANDARDS, CONSTRUCTION STANDARDS, AND INDUSTRY BEST PRACTICES.
2. CONTRACTOR IS RESPONSIBLE FOR ALL WORK DESCRIBED IN THE CONTRACT DOCUMENTS UNLESS OTHERWISE NOTED.
3. CONTRACTORS SHALL BE RESPONSIBLE FOR REPORTING TO THE OWNER, IN A TIMELY MANNER, ANY DISCREPANCIES BETWEEN THESE BID DOCUMENTS AND ACTUAL FIELD CONDITIONS OR OTHER TRADE DRAWINGS.
4. THE WIRELESS DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE ELECTRICAL, TELECOMMUNICATIONS, AND WIRELESS SPECIFICATIONS. WHERE DISCREPANCIES BETWEEN THE DRAWINGS AND SPECIFICATIONS EXIST, THE SPECIFICATIONS SHALL TAKE PRECEDENCE. ALL DISCREPANCIES BETWEEN DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE OWNER IN A TIMELY MANNER.
5. THESE DRAWINGS ALONG WITH COVERAGE PREDICTIONS ARE DIAGRAMATIC IN NATURE. THEY DEPICT THE GENERAL ARRANGEMENT OF SYSTEMS AND EQUIPMENT UNLESS INDICATED OTHERWISE BY DIMENSIONS OR DETAIL DRAWINGS. THE DRAWINGS UTILIZE SYMBOLS, RISER, BLOCK AND SINGLE LINE DIAGRAMS TO OUTLINE THE WORK TO BE PROVIDED. THESE DRAWINGS DO NOT DELINEATE EVERY ITEM REQUIRED FOR THE INTENDED WORK. NO INTERPRETATION SHALL BE MADE FROM THE LIMITATIONS OF SYMBOLS AND DIAGRAMS THAT ALL ELEMENTS NECESSARY FOR COMPLETE WORK ARE INCLUDED. CONTRACTOR SHALL VERIFY FIELD CONDITIONS BEFORE STARTING THE INSTALLATION. ANY DISCREPANCIES BETWEEN THE BID DOCUMENTS AND ACTUAL FIELD CONDITIONS OR OTHER TRADE DRAWINGS SHALL BE REPORTED TO THE OWNER IN A TIMELY MANNER.
6. THE SCOPE OF WORK SHALL INCLUDE THE INSTALLATION, TESTING AND COMMISSIONING OF ALL OWNER FURNISHED EQUIPMENT, AND THE LABOR DEEMED NECESSARY TO COMPLETE THE WORK AS DESCRIBED HEREIN.
7. THE WIRELESS NETWORKS SHALL BE IMPLEMENTED AS SHOWN ON CONTRACT DRAWINGS WHICH SHALL BE USED IN CONJUNCTION WITH THE FUNCTIONS DESCRIBED IN THE SPECIFICATIONS.
8. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND ACCEPTED SHOP DRAWINGS.
9. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY DURING CONSTRUCTION.
10. THESE DRAWINGS ARE NOT MEANT TO DEPICT THE PRESENCE OR ABSENCE OF ASBESTOS OR OTHER HAZARDOUS MATERIALS WITHIN THE PROPOSED WORK AREAS.
11. ALL DISTURBED AREAS SHALL BE REPAIRED TO MATCH EXISTING ADJACENT, INCLUDING BUT NOT LIMITED TO FIRE RATED MATERIALS.

WIRELESS PATHWAY INSTALLATION NOTES

1. ALL CONDUIT, SLEEVES, FLOOR BOXES, STUB-UPS AND BACK BOXES ARE SPECIFIED UNDER ELECTRICAL SECTIONS.
2. PROVIDE APPROPRIATE CABLE SUPPORT (J-HOOKS) FOR RADIO AND DISTRIBUTED ANTENNA CABLING WHERE SUPPORT HAS NOT ALREADY BEEN PROVIDED.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH OTHER TRADE DRAWINGS. CONTRACTOR TO SURVEY/COORDINATE THE LOCATION OF MECHANICAL, PLUMBING AND OTHER EQUIPMENT AS REQUIRED, PRIOR TO WORK EXECUTION IN ORDER TO PROPERLY COORDINATE CABLE PATHWAYS.
4. COORDINATE WITH OTHER TRADE DRAWINGS. CABLE TRAYS AND OTHER WIREWAYS PROVIDED UNDER OTHER SECTIONS AND DESIGNATED FOR USE FOR CABLES CONNECTING TO WIRELESS ACCESS POINTS ARE AS SHOWN ON TELECOMMUNICATION DRAWINGS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING AND LOCATING ALL CONDUIT, SLEEVES, FLOOR BOXES, PULL BOXES, STUB UPS, CABLE TRAY, RACEWAYS, AND BACK BOXES WHICH SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
6. EXACT PATHWAYS TO BE DETERMINED IN THE FIELD.
7. WHERE THE USE OF J-HOOKS IS PERMITTED, J-HOOKS SHALL BE SPACED NO MORE THAN 5'-0" APART. J-HOOKS ARE ONLY PERMITTED IN ACCESSIBLE CEILINGS.
8. THE CONTRACTOR SHALL PROVIDE NEW PENETRATIONS FOR ROUTING THROUGH FIRE RATED ASSEMBLIES AND FIRE STOP ALL PENETRATIONS PER CODE. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE THE FIRE RATING OF BUILDING COMPONENTS IF EXISTING PENETRATIONS ARE USED FOR NEW ROUTING.

WIRELESS CABLING INSTALLATION NOTES

1. WHERE CABLES FOR ANTENNAS/WIRELESS ACCESS POINTS ARE RUN EXPOSED, SECURE AND SUPPORT AT INTERVALS NOT EXCEEDING (5').
2. ALL CABLING FOR DATA OUTLETS PROVIDED IN SUPPORT OF WIRELESS ACCESS POINTS, ARE PROVIDED UNDER THE STRUCTURED CABLING SCOPE OF WORK. (REFER TO THE TELECOMMUNICATION DRAWINGS)
3. LEAKY FEEDER CABLES SHALL NOT BE INSTALLED DIRECTLY BEHIND METAL CLADDING OR CEILINGS. WHEN MOUNTED ON CABLE TRAY OR OTHER METALLIC SURFACES, THE CABLE SHALL BE FASTENED USING NON-METALLIC MOUNTING CLIPS ON STAND-OFFS WITH NOMINAL SEPARATION OF 3 FEET.
4. LEAKY FEEDER CABLES ARE SUSEPTIBLE TO INTERFERENCE FROM LIGHTING SYSTEMS. THE CABLE SHOULD BE MOUNTED AT LEAST 12 INCHES AWAY FROM LUMINAIRES.
5. WHERE LEAKY FEEDER IS INSTALLED EXPOSED AND VISIBLE, THE CABLE MUST BE STRAIGHT, CLEAN AND SECURELY FASTENED USING APPROVED FASTENERS. INSTALL CABLE SO AS TO MINIMIZE SNAKING, DIPPING OR SAGGING.
6. LEAKY FEEDERS SHALL BE INSTALLED WITH A MATCHED LOAD TO PREVENT UNWANTED SIGNAL REFLECTIONS.
7. INSTALL COUPLERS (SPLITTERS/COMBINERS), CONNECTORS AND OTHER PASSIVE COMPONENTS IN ACCESSIBLE CEILINGS OR PROVIDE ACCESS AS NECESSARY.
8. INSTALL SHRINKABLE TUBING AT CONNECTION POINTS. INSTALL THE TUBING TO SEAL EACH CONNECTOR AND PREVENT THE LOOSENING OF ITS COMPONENTS.
9. LEAKY FEEDER CABLE SHALL BE INSTALLED TO MEET THE FOLLOWING SEPARATION REQUIREMENTS TO ENSURE SIGNAL INTEGRITY:
   A. LEAKY FEEDER CABLE MUST BE SPACED AT A MINIMUM, 12 INCHES FROM OTHER PARALLEL RUNS OF LEAKY FEEDER.
   B. SHALL NOT TOUCH ANY METALLIC OBJECTS.
   C. RADIATING ANTENNA CABLE MAY BE INSTALLED AS CLOSE AS 2 INCHES AWAY FROM NON-CONDUCTIVE, NON-RADIATING, SURFACES (INCLUDING REINFORCED CONCRETE).
   D. RADIATING ANTENNA CABLE MAY CROSS NON-RADIATING, CONDUCTIVE SURFACES THAT ARE LESS THAN 1 1/2 FEET WIDE AT A MINIMUM DISTANCE OF 2 INCHES.
   E. RADIATING ANTENNA CABLE SHALL BE AT LEAST 6 INCHES AWAY FROM PARALLEL RUNS OF CONDUCTIVE STRUCTURAL MEMBERS, ACTIVE DEVICES AND ANY OTHER CABLES. INCLUDED IN THIS CATEGORY ARE BEAMS, COLUMNS, PIPES, TROUGHS AND WIRE BUNDLES.
   F. ADDITIONALLY, INSTALL RADIATING ANTENNA CABLE SO THAT THESE OBSTRUCTIONS DO NOT BLOCK THE LINE-OF-SIGHT BETWEEN IT AND ANY TRACK OR STATION OR TUNNEL AREA FROM WHICH RADIO EQUIPMENT MAY BE EXPECTED TO BE OPERATED.
   G. THE MINIMUM DISTANCE FOR NON-RADIATING, SHIELDED ANTENNA CABLE SHALL BE 2 INCHES IN ALL CASES BUT PARALLEL RUNS OF RADIATING ANTENNA.
10. FLEXIBLE JUMPER CABLES SHALL BE USED FOR CONNECTIONS TO ALL DEVICES TO ELIMINATE ANY MECHANICAL STRESS ON CONNECTORS OR DEVICES.
11. ALL DISCRETE IN-BUILDING ANTENNAS SHALL BE INSTALLED WITH A METALLIC GROUND PLANE, AS SPECIFIED BY THE MANUFACTURER.
12. CABLE SHIELDS, SPLITTERS, ANTENNAS AND ACTIVE EQUIPMENT SHALL BE GROUNDED TO ELIMINATE SHOCK HAZARD AND TO MINIMIZE GROUND LOOPS, COMMON-MODE RETURNS, NOISE PICKUP, CROSS TALK, AND OTHER IMPAIRMENTS.

WIRELESS ROOM EQUIPMENT INSTALLATION NOTES

1. LOCATIONS OF ALL THE DEVICES AND EQUIPMENT IN THE TELECOM ROOMS/SPACES SHALL BE COORDINATED WITH ALL THE AFFECTED TRADES AND THE OWNER PRIOR TO INSTALLATION.
2. CONTRACTOR TO PROVIDE WALL MOUNTED VERTICAL LADDER RACK AND TIES TO SUPPORT CABLING FROM SLEEVES UP TO THE OVERHEAD TELECOMMUNICATION PATHWAYS.

WIRELESS DEVICE NOTES

1. SURVEY THE LOCATION OF MECHANICAL, PLUMBING AND OTHER EQUIPMENT AS REQUIRED, PRIOR TO WORK EXECUTION IN ORDER TO PROPERLY COORDINATE WIRELESS ACCESS POINT MOUNTING AND PLACEMENT.
2. WIRELESS ACCESS POINTS SHALL BE COORDINATED SO AS TO NOT BE INSTALLED ABOVE LIGHT FIXTURES.
3. THE LOCATION OF WIRELESS ACCESS POINT DEVICES MAY BE ADJUSTED IN THE FIELD BASED ON RF SURVEYS. PROVIDE 10' SLACK AT EACH LOCATION TO ACCOMMODATE DEVICE RELOCATION. WHEN USING PATCH CORDS A MAXIMUM LENGTH OF 15 FEET SHALL BE MAINTAINED.
4. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING DETAILS AND EXACT PLACEMENT OF WIRELESS ACCESS POINT DEVICES.

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudiORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
Introba

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REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE: **C.O.C.A.002.01**

TELECOM NOTES

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER: **T0.02** VOLUME: **3**

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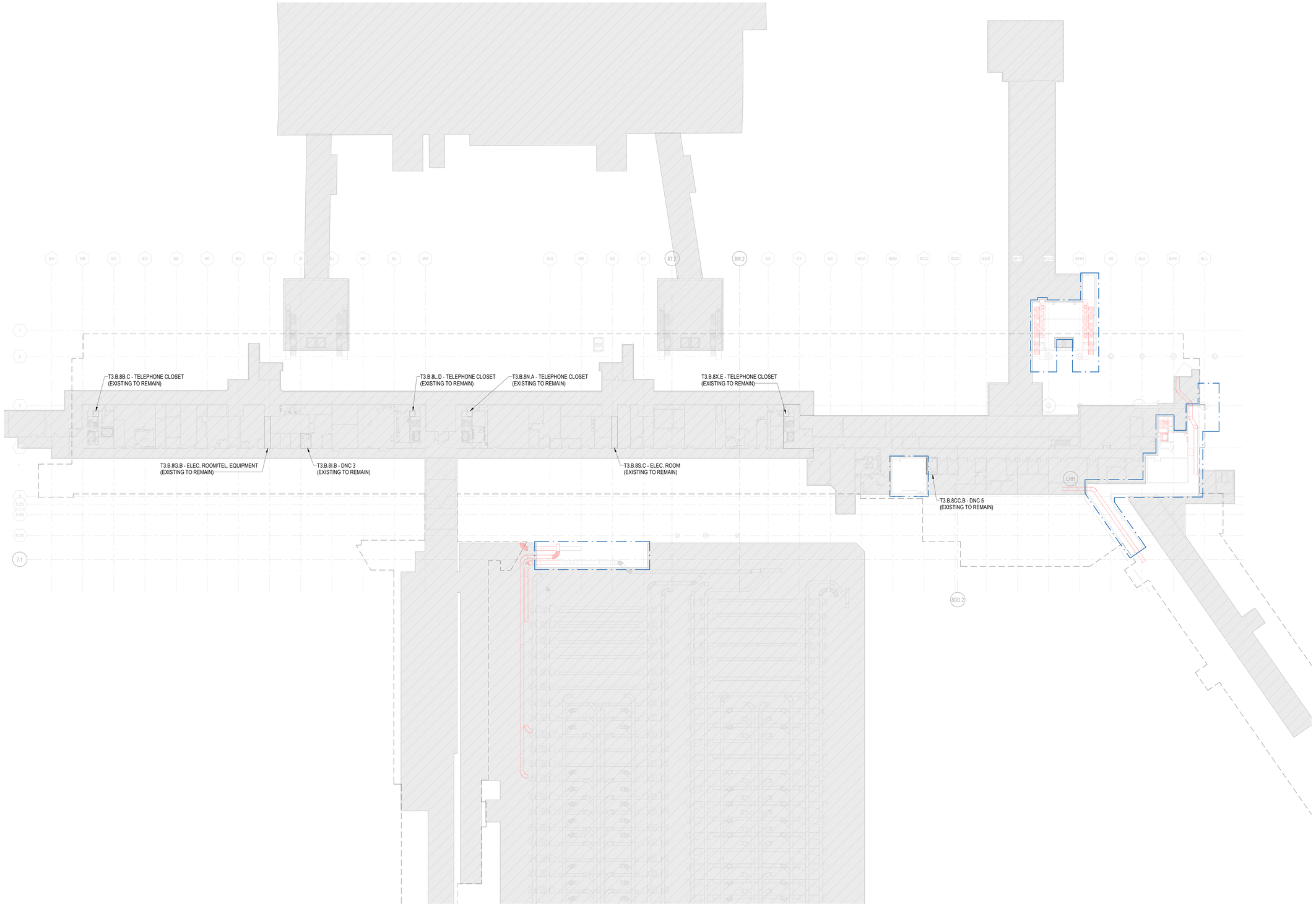
DEMOLITION PLAN LEGEND

- EXISTING TELECOM ROOM OR PATHWAY(S)TO BE REMOVED
- EXISTING BUILDING TO REMAIN (NIC)
- CONTRACT LIMIT

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
2. CONTRACTOR SHALL COORDINATE DEMOLITION ACTIVITIES WITH THE EXISTING INFRASTRUCTURE TO ENSURE EXISTING SERVICES REMAIN INTACT AND OPERATIONAL THROUGHOUT DEMOLITION.
3. CONTRACTOR SHALL DEMO ALL EXISTING FIELD DEVICES WITHIN THE DEMOLITION FOOTPRINT AND REMOVE ASSOCIATED CONDUIT AND BOXES TO SOURCE OR NEAREST PULLBOX TO REMAIN INTACT. CONTRACTOR SHALL REMOVE EXISTING CABLING FROM EXISTING DEVICE LOCATIONS BACK TO SOURCE. CABLING SHALL NOT BE ABANDONED IN PLACE OR REUSED/EXTENDED.
4. CONTRACTOR SHALL SAFELY REMOVE, STORE, AND PROTECT SALVAGABLE DEVICES AND EQUIPMENT PRIOR TO RETURNING TO OWNER. COORDINATE ADDITIONAL INFORMATION AND REQUIREMENTS WITH OWNER.



1 OVERALL TELECOMMUNICATIONS DEMO PLAN - BASEMENT ONE
1/32" = 1'-0"

0 20'-0" 40'-0" 80'-0" 160'-0"

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CDA Chicago Department of Aviation

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MAYOR

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KEYPLAN

OVERALL TELECOM DEMO PLAN - BASEMENT ONE

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DEMOLITION PLAN LEGEND

- EXISTING TELECOM ROOM OR PATHWAY(S)TO BE REMOVED
- EXISTING BUILDING TO REMAIN (NIC)
- CONTRACT LIMIT

KEYED NOTES:

1. EXISTING IT/ INFRASTRUCTURE ENCLOSURE SHALL BE REMOVED.
2. EXISTING DISTRIBUTED ANTENNA (DAS) EQUIPMENT SHALL BE RELOCATED TO ALLOW RELOCATION OF WALL AND BAGGAGE CLAIM.
3. EXISTING IT/INFRASTRUCTURE ENCLOSURE AND EQUIPMENT SHALL BE RELOCATED. REFER TO KEYED NOTE 1 ON SHEET T2.1.02.2H FOR NEW LOCATION OF ENCLOSURE.

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
2. CONTRACTOR SHALL COORDINATE DEMOLITION ACTIVITIES WITH THE EXISTING INFRASTRUCTURE TO ENSURE EXISTING SERVICES REMAIN INTACT AND OPERATIONAL THROUGHOUT DEMOLITION.
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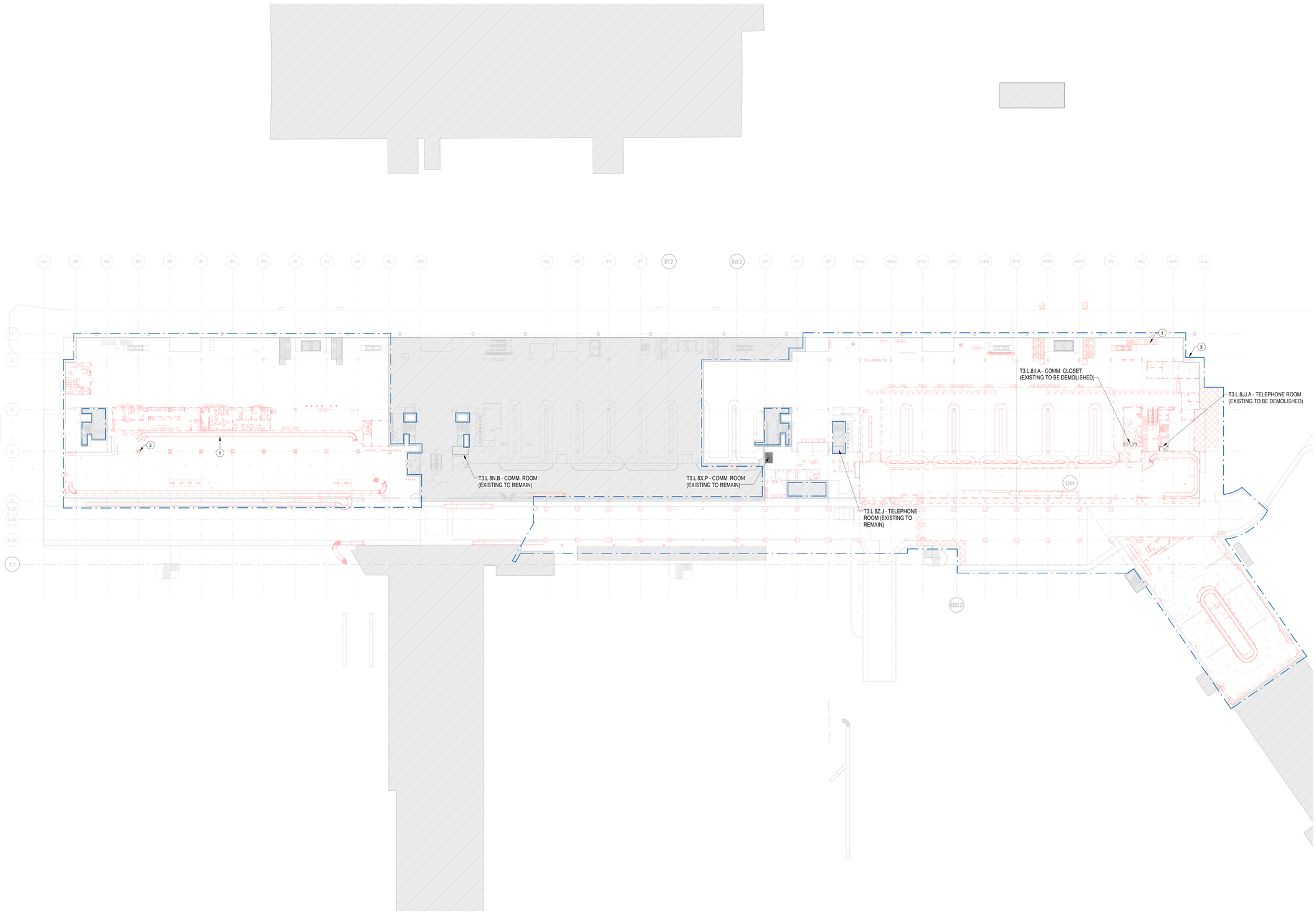
4. CONTRACTOR SHALL SAFELY REMOVE, STORE, AND PROTECT SALVAGABLE DEVICES AND EQUIPMENT PRIOR TO RETURNING TO OWNER. COORDINATE ADDITIONAL INFORMATION AND REQUIREMENTS WITH OWNER.



1 OVERALL TELECOMMUNICATIONS DEMO PLAN - LOWER LEVEL
1/32" = 1'-0"

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

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C.O.C.A.002.01

KEYPLAN

OVERALL TELECOM DEMO PLAN - LOWER LEVEL

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DEMOLITION PLAN LEGEND

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- CONTRACT LIMIT

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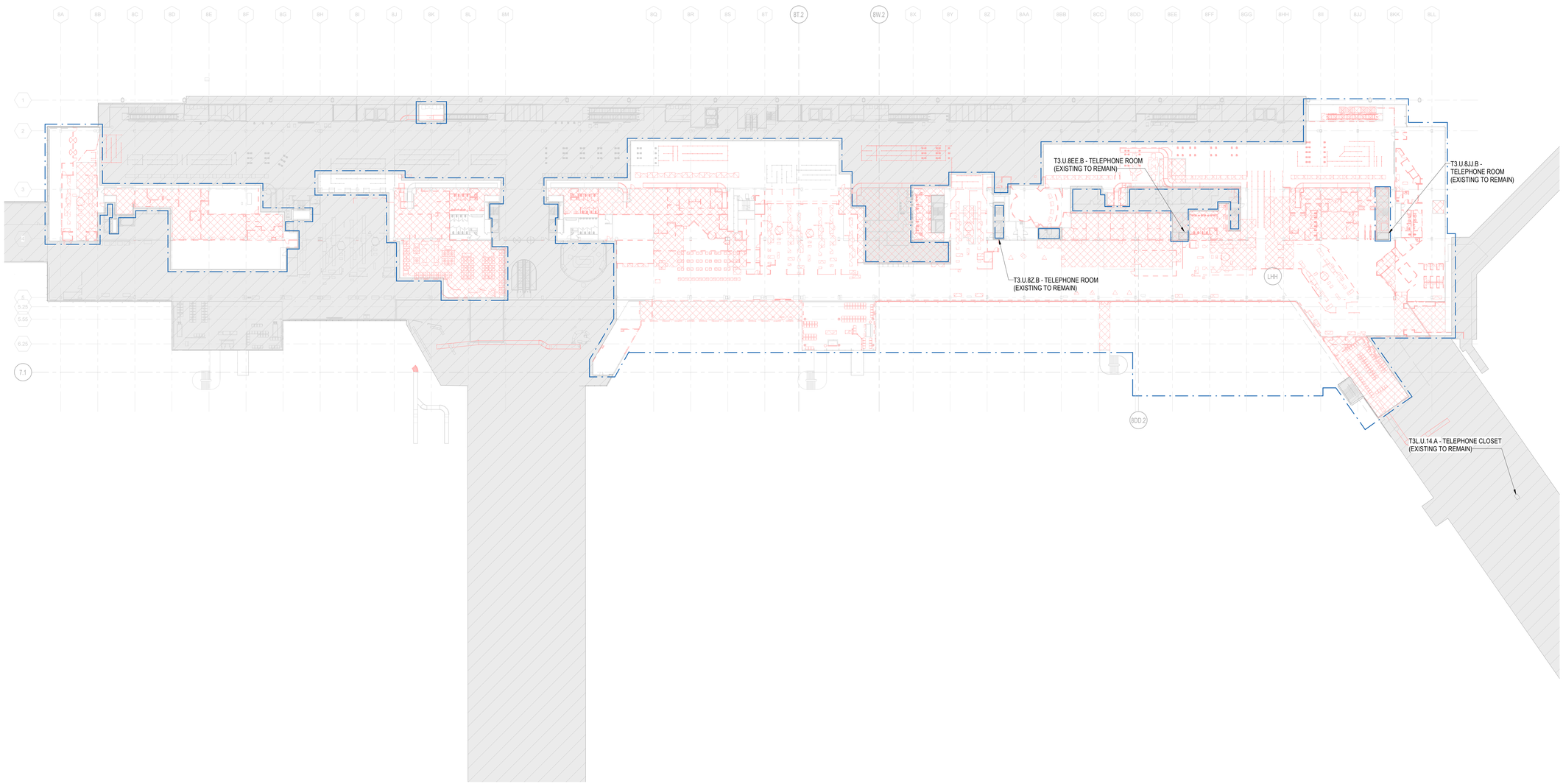

1 OVERALL TELECOMMUNICATIONS DEMO PLAN - UPPER LEVEL
1/32" = 1'-0"

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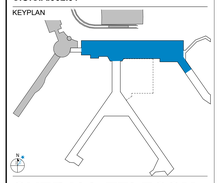
KEYPLAN



OVERALL TELECOM DEMO PLAN - UPPER LEVEL

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TD1.2.03

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DEMOLITION PLAN LEGEND

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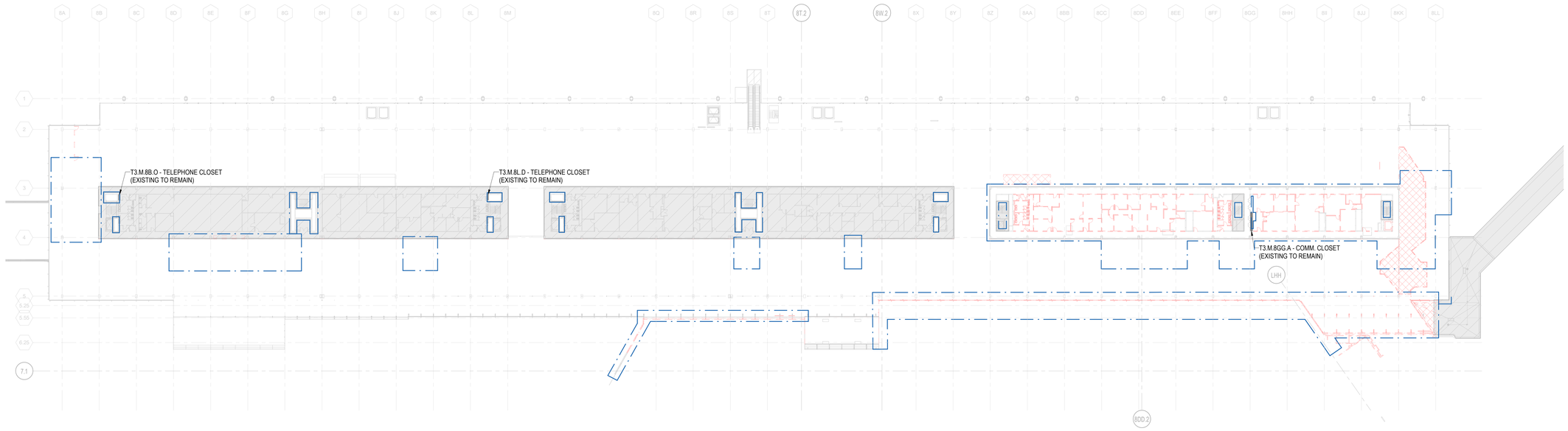

1 OVERALL TELECOMMUNICATIONS DEMO PLAN - MEZZANINE
1/32" = 1'-0"

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CITY OF CHICAGO
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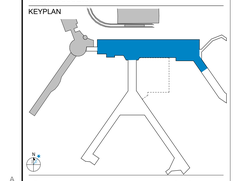
KEYPLAN



OVERALL TELECOM DEMO PLAN - MEZZANINE LEVEL

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

TD1.2.04

3/23/2023 1:20:04 AM

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CONSTRUCTION PLAN LEGEND

- EXISTING BUILDING TO REMAIN (NIC)
- CONTRACT LIMIT

SCN ZONING LEGEND

- TELECOM MDF/IDF
- TELECOM ZONE BOUNDARY

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
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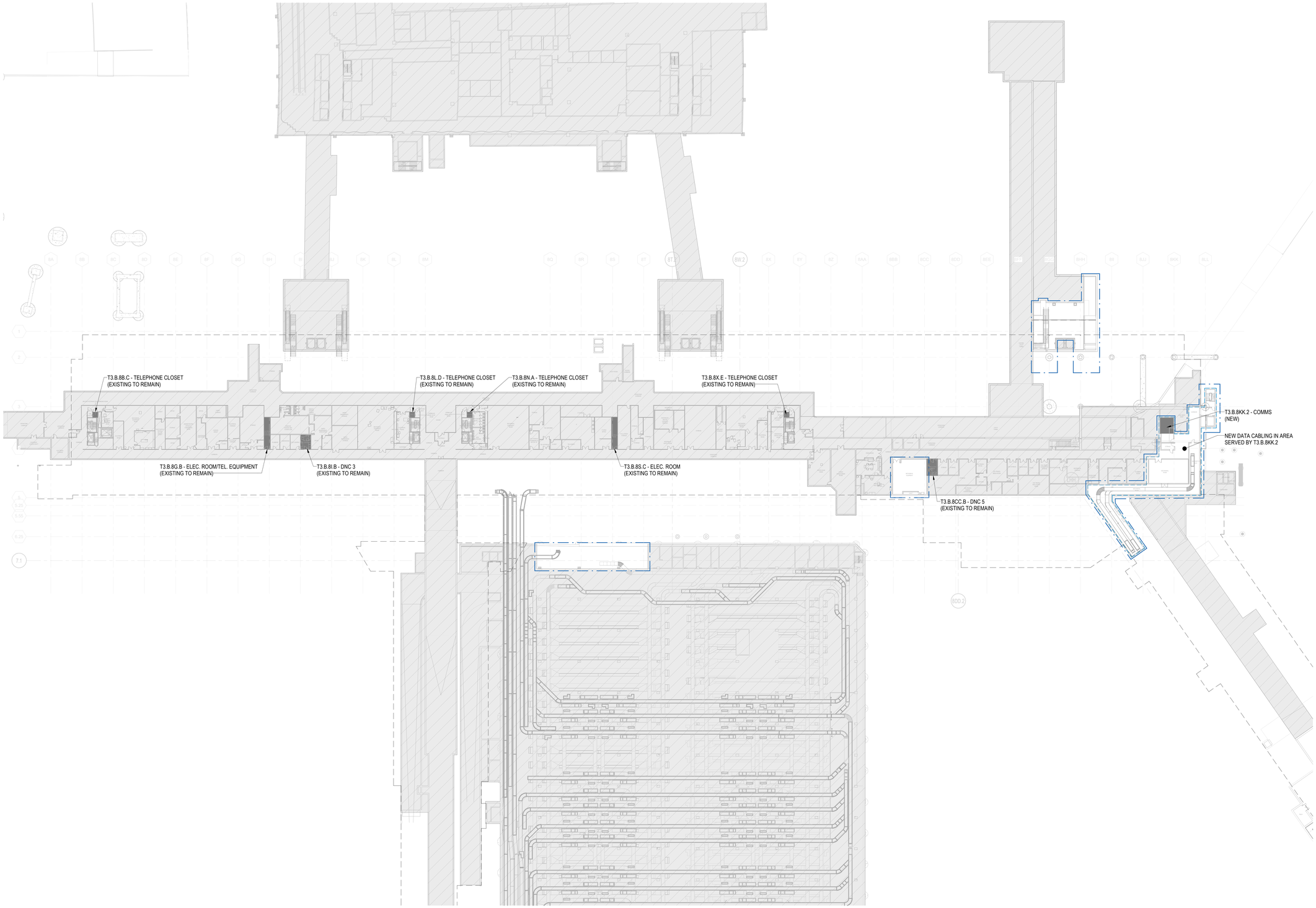
3. CONTRACTOR SHALL FURNISH AND INSTALL NEW DEVICES AND EQUIPMENT.
4. SCN ZONING TO BE FURTHER DEVELOPED AS PART OF A FUTURE DESIGN SUBMITTAL.



1 OVERALL SCN ZONING PLAN - BASEMENT ONE
1/32" = 1'-0"

0 16'-0" 32'-0" 64'-0" 128'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
Introba

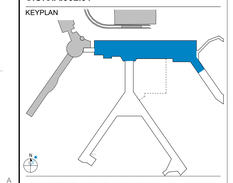
NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN



OVERALL SCN ZONING PLAN - BASEMENT ONE

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER **T1.2.01** VOLUME: **3**

3/23/2023 1:20:48 AM

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CONSTRUCTION PLAN LEGEND

- EXISTING BUILDING TO REMAIN (NIC)
- CONTRACT LIMIT

SCN ZONING LEGEND

- TELECOM MDF/IDF
- TELECOM ZONE BOUNDARY

KEYED NOTES:

1. PROPOSED LOCATION FOR NEW TELECOM CHASE TO REPLACE DEMOLISHED TELECOM CLOSET AND CHASE. EXACT LOCATION OF NEW TELECOM CHASE SHALL BE COORDINATED FOR INCLUSION IN FUTURE DESIGN PHASE.

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
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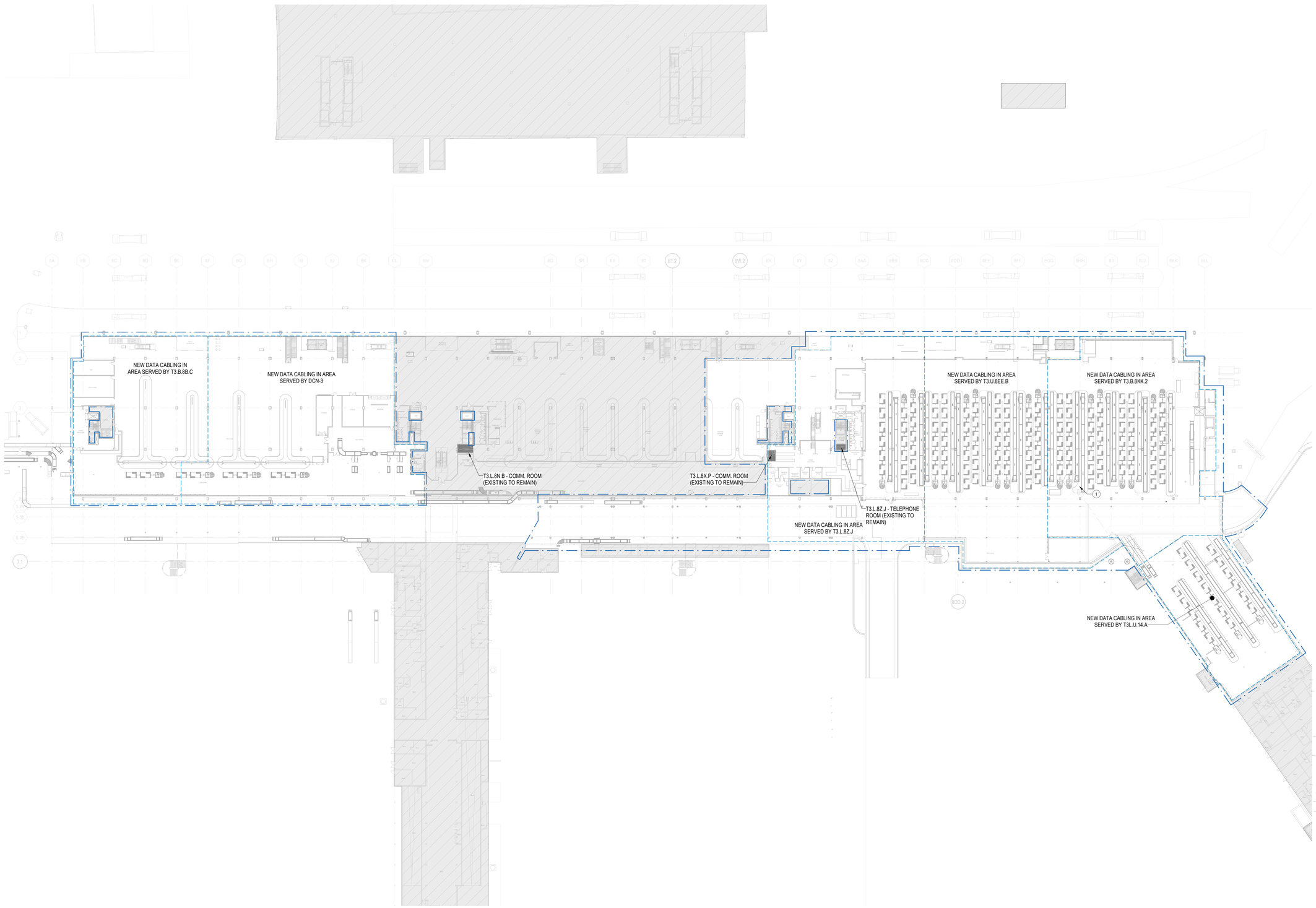
4. SCN ZONING TO BE FURTHER DEVELOPED AS PART OF A FUTURE DESIGN SUBMITTAL.



1 OVERALL SCN ZONING PLAN - LOWER LEVEL
1/32" = 1'-0"

0 16'-0" 32'-0" 64'-0" 128'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
Introba

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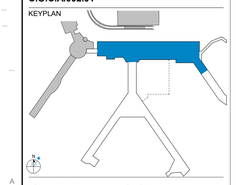
KEYPLAN



OVERALL SCN ZONING PLAN - LOWER LEVEL

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

T1.2.02

3/23/2023 1:24:45 AM

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CONSTRUCTION PLAN LEGEND

- EXISTING BUILDING TO REMAIN (NIC)
- CONTRACT LIMIT

SCN ZONING LEGEND

- TELECOM MDF/IDF
- TELECOM ZONE BOUNDARY

KEYED NOTES:

1. IT ROOM T3.UL.8W.1 LIMITED TO SERVING NEW DATA CABLING FOR TSA OWNED AND OPERATED EQUIPMENT ONLY.
2. IT ROOM T3.UL.8LL.9 LIMITED TO SERVING NEW DATA CABLING FOR TSA OWNED AND OPERATED EQUIPMENT ONLY.

GENERAL NOTES:

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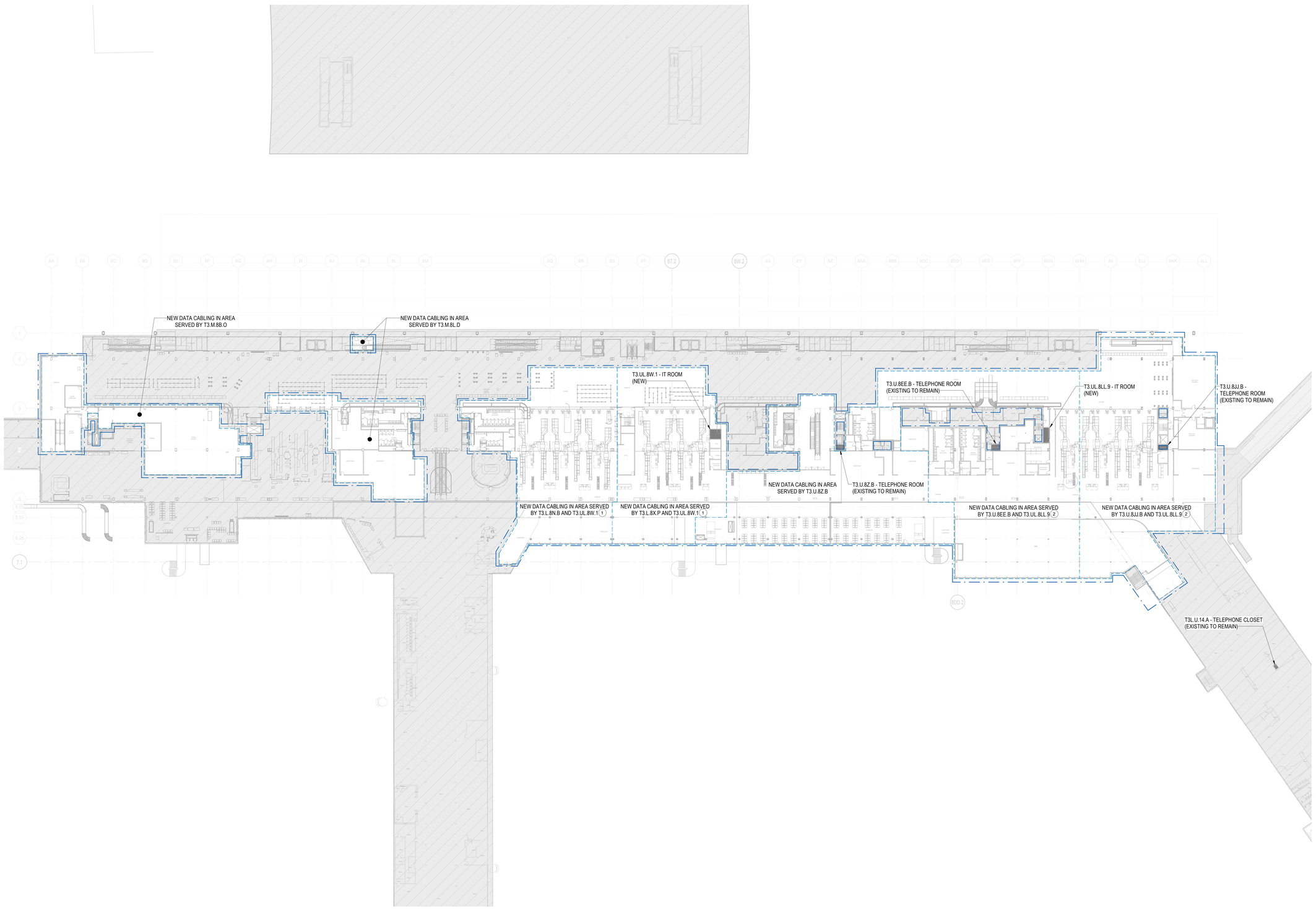

1 OVERALL SCN ZONING PLAN - UPPER LEVEL
1/32" = 1'-0"

0 16'-0" 32'-0" 64'-0" 128'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
Introba

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ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
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REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN

OVERALL SCN ZONING PLAN - UPPER LEVEL

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER **T1.2.03** VOLUME: **3**

3/23/2023 1:25:12 AM

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CONSTRUCTION PLAN LEGEND

- EXISTING BUILDING TO REMAIN (NIC)
- CONTRACT LIMIT

SCN ZONING LEGEND

- TELECOM MDF/IDF
- TELECOM ZONE BOUNDARY

GENERAL NOTES:

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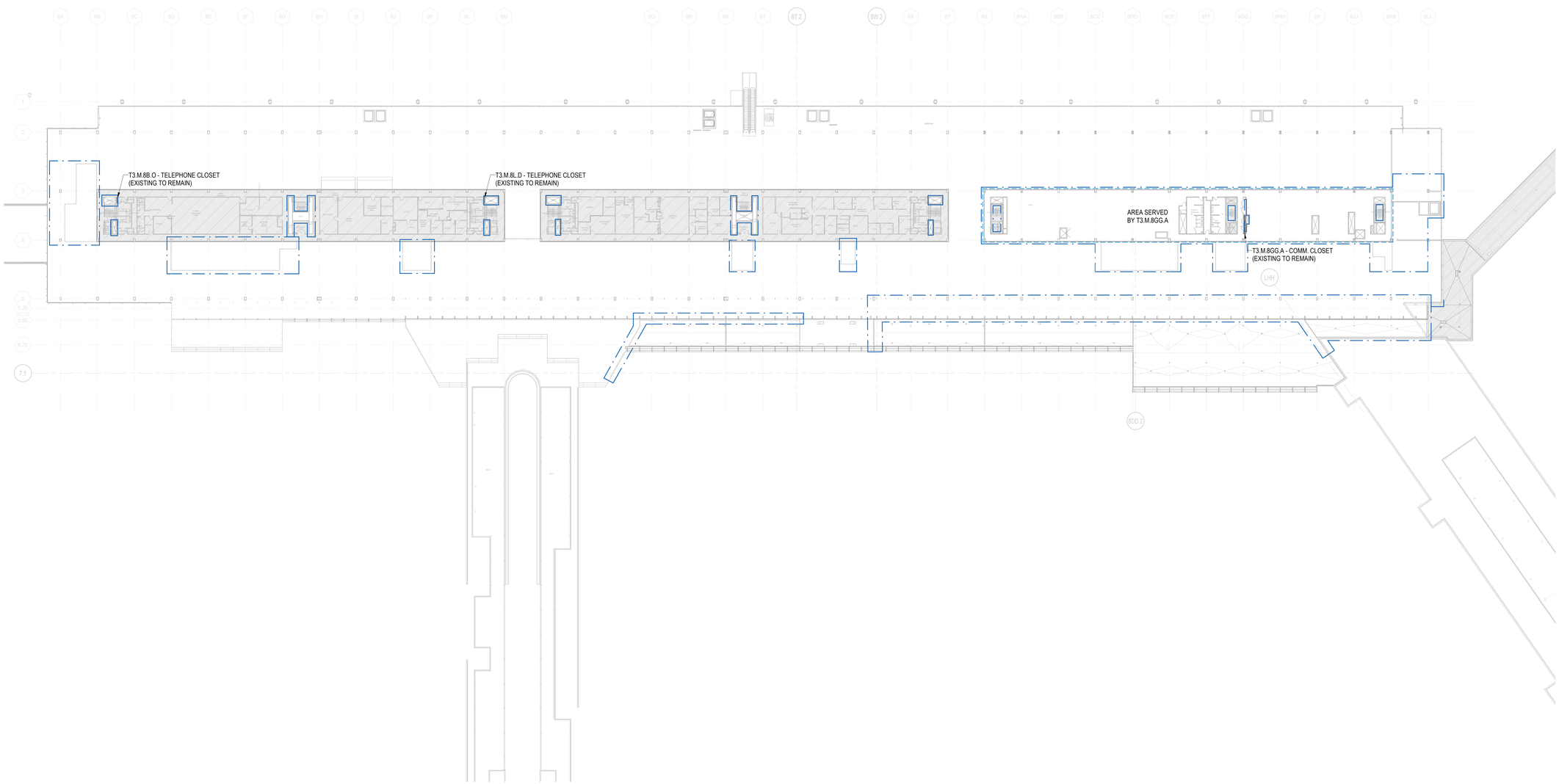

1 OVERALL SCN ZONING PLAN - MEZZANINE
1/32" = 1'-0"

0 8'-0" 16'-0" 32'-0" 64'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
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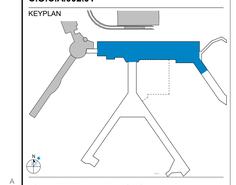
KEYPLAN



OVERALL SCN ZONING PLAN - MEZZANINE

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER **T1.2.04** VOLUME: **3**

3/23/2023 1:25:40 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

PAS ZONING LEGEND

XX-YY## — LIMITS OF PAS ZONE

SEQUENTIAL NUMBER

BUILDING LEVEL:
- B1 - BASEMENT 1
- LL - LOWER LEVEL
- UL - UPPER LEVEL
- ML - MEZZANINE LEVEL
- PH - PENTHOUSE

PAS ZONE DESCRIPTION:
- BC - BAGGAGE CLAIM
- BH - BAGGAGE HANDLING
- EX - EXTERIOR / CURBSIDE
- HR - HOLD ROOM AT GATE
- RR - PUBLIC RESTROOM
- SS - SECURITY SCREENING CHECKPOINT

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
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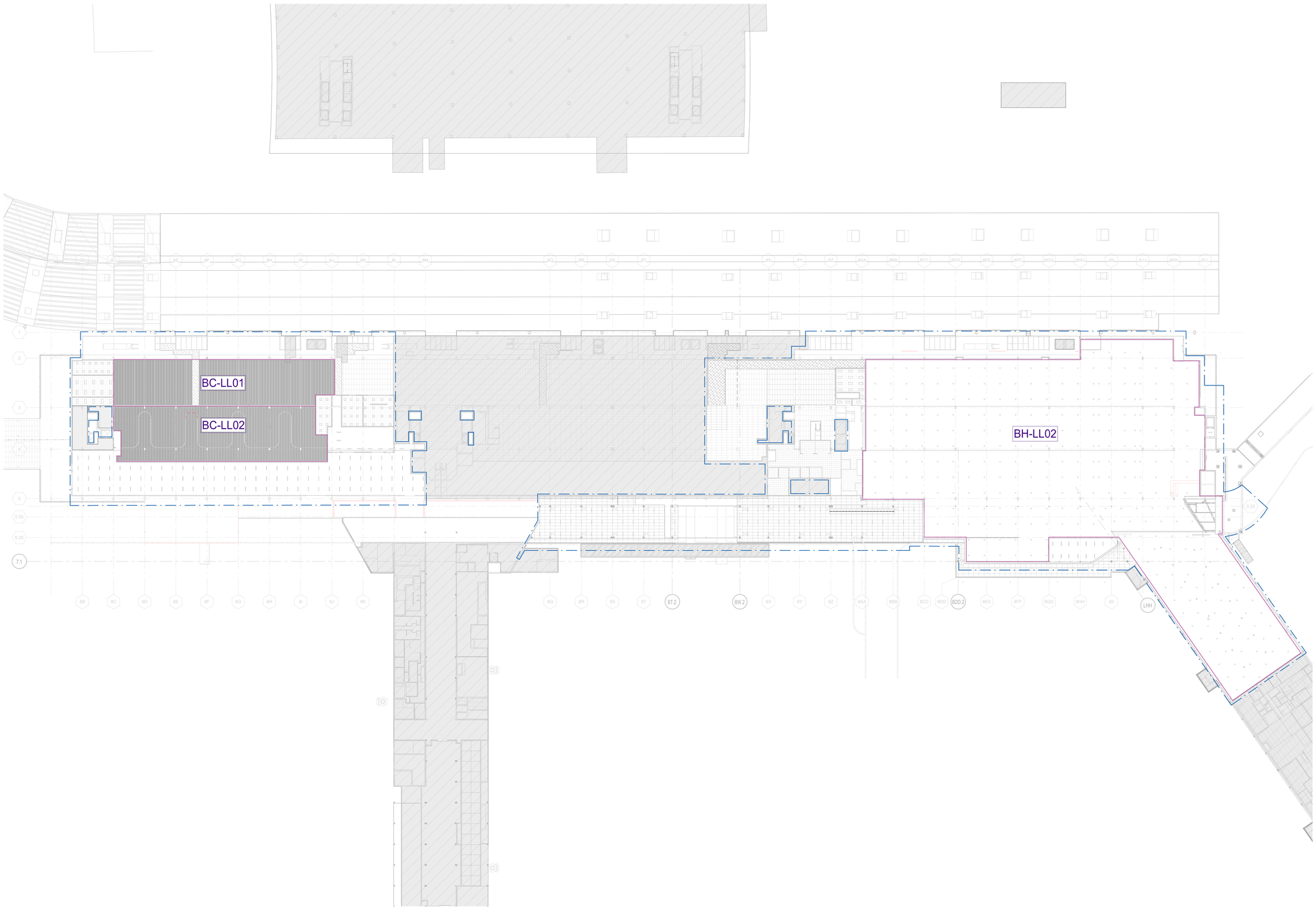

1 OVERALL PAS ZONING PLAN - LOWER LEVEL
1/32" = 1'-0"

0 16'-0" 32'-0" 64'-0" 128'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
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10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
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STAMPING CONSULTANT
Introba

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REVISION

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ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN

OVERALL PAS ZONING PLAN - LOWER LEVEL

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

T1.3.02

3/23/2023 1:44:31 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

PAS ZONING LEGEND

XX-YY##

- LIMITS OF PAS ZONE
- SEQUENTIAL NUMBER
- BUILDING LEVEL:
  - B1 - BASEMENT 1
  - LL - LOWER LEVEL
  - UL - UPPER LEVEL
  - ML - MEZZANINE LEVEL
  - PH - PENTHOUSE

PAS ZONE DESCRIPTION:
- BC - BAGGAGE CLAIM
- BH - BAGGAGE HANDLING
- EX - EXTERIOR / CURBSIDE
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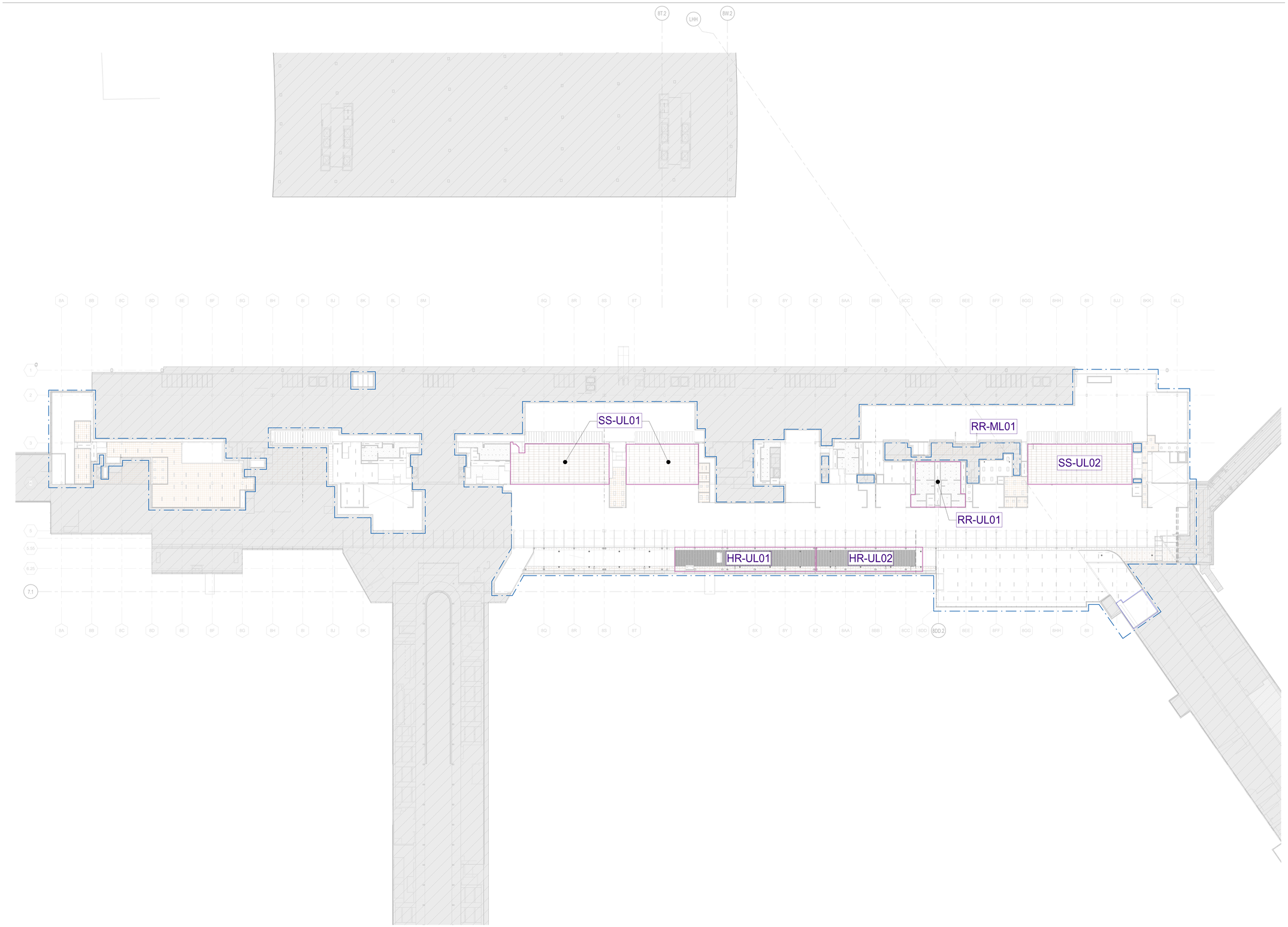

1 OVERALL PAS ZONING PLAN - UPPER LEVEL
1/32" = 1'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
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Introba

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C.O.C.A.002.01

KEYPLAN

OVERALL PAS ZONING PLAN - UPPER LEVEL

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

T1.3.03

3/23/2023 1:44:52 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

PAS ZONING LEGEND

XX-YY##

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- SEQUENTIAL NUMBER
- BUILDING LEVEL:
  - B1 - BASEMENT 1
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  - UL - UPPER LEVEL
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  - PH - PENTHOUSE
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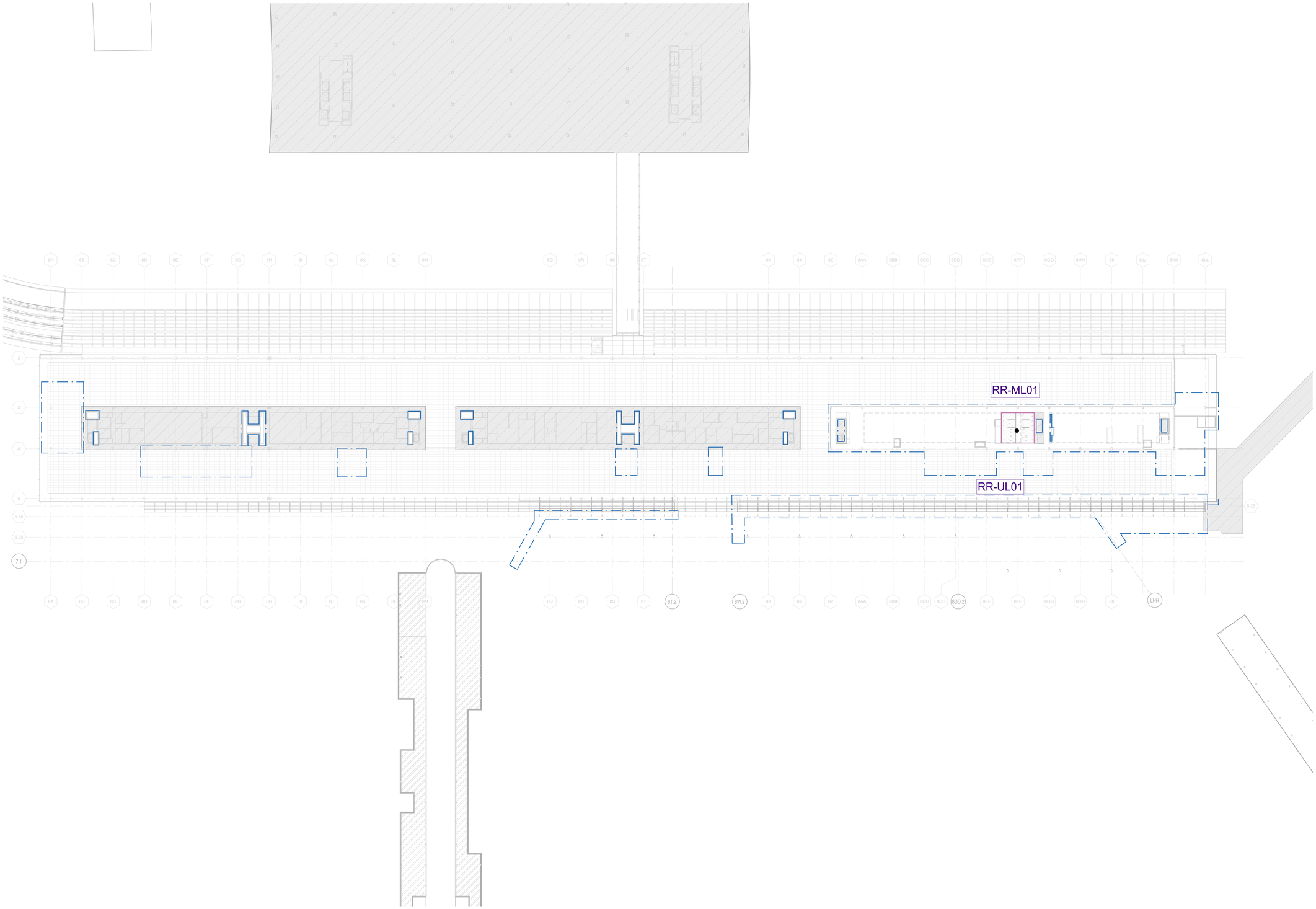

1 OVERALL PAS ZONING PLAN - MEZZANINE
1/32" = 1'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
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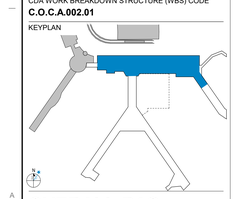
KEYPLAN



OVERALL PAS ZONING PLAN - MEZZANINE

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER: **T1.3.04** VOLUME: **3**

3/23/2023 1:45:09 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

GENERAL NOTES:

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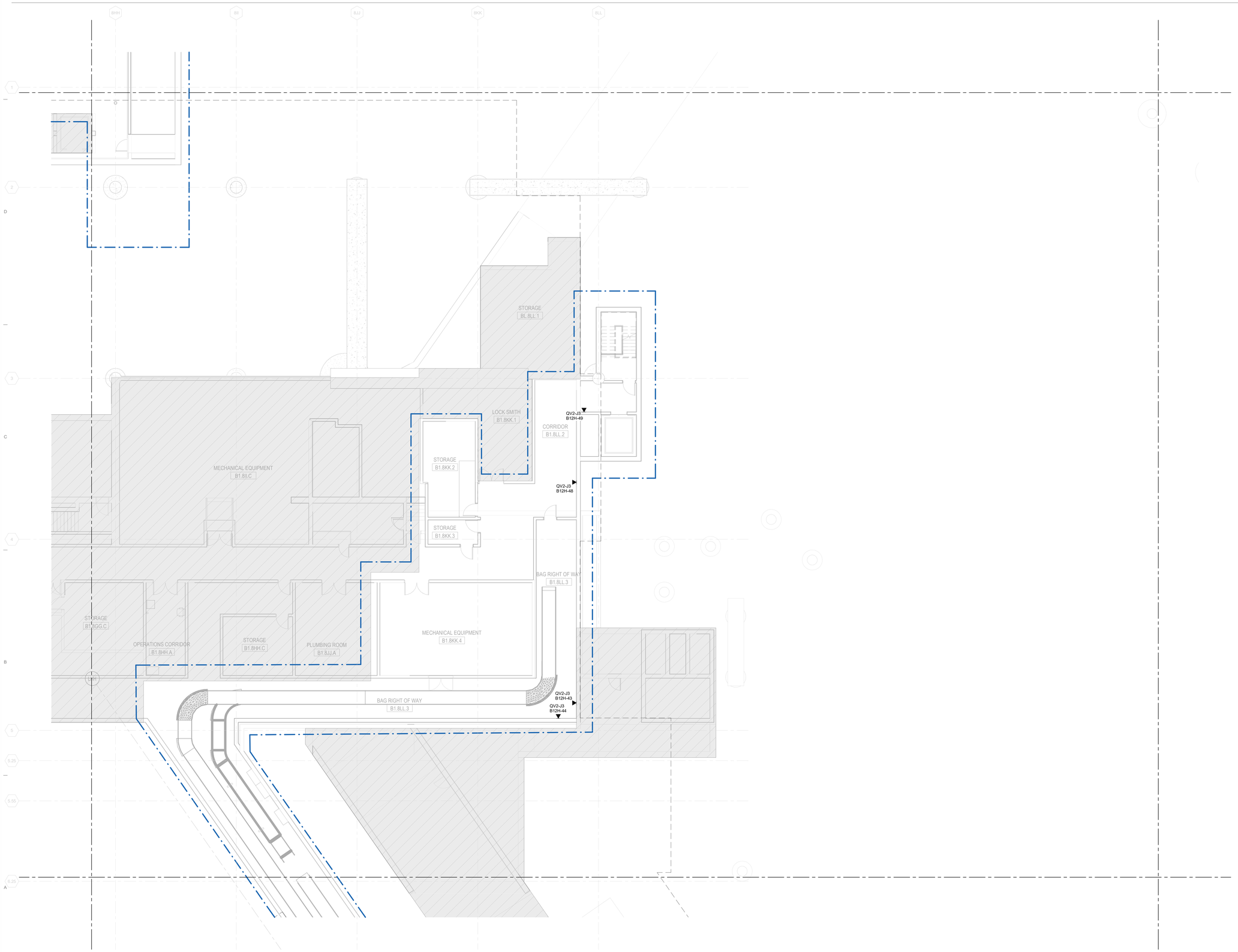

1 ENLARGED TELECOMMUNICATIONS PLAN - BASEMENT ONE - AREA 2H
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
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STAMPING CONSULTANT

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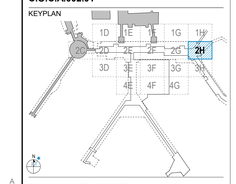
KEYPLAN



ENLARGED TELECOM PLAN - BASEMENT ONE - AREA 2H

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

T2.1.01.2H

3/23/2023 1:25:50 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

GENERAL NOTES:

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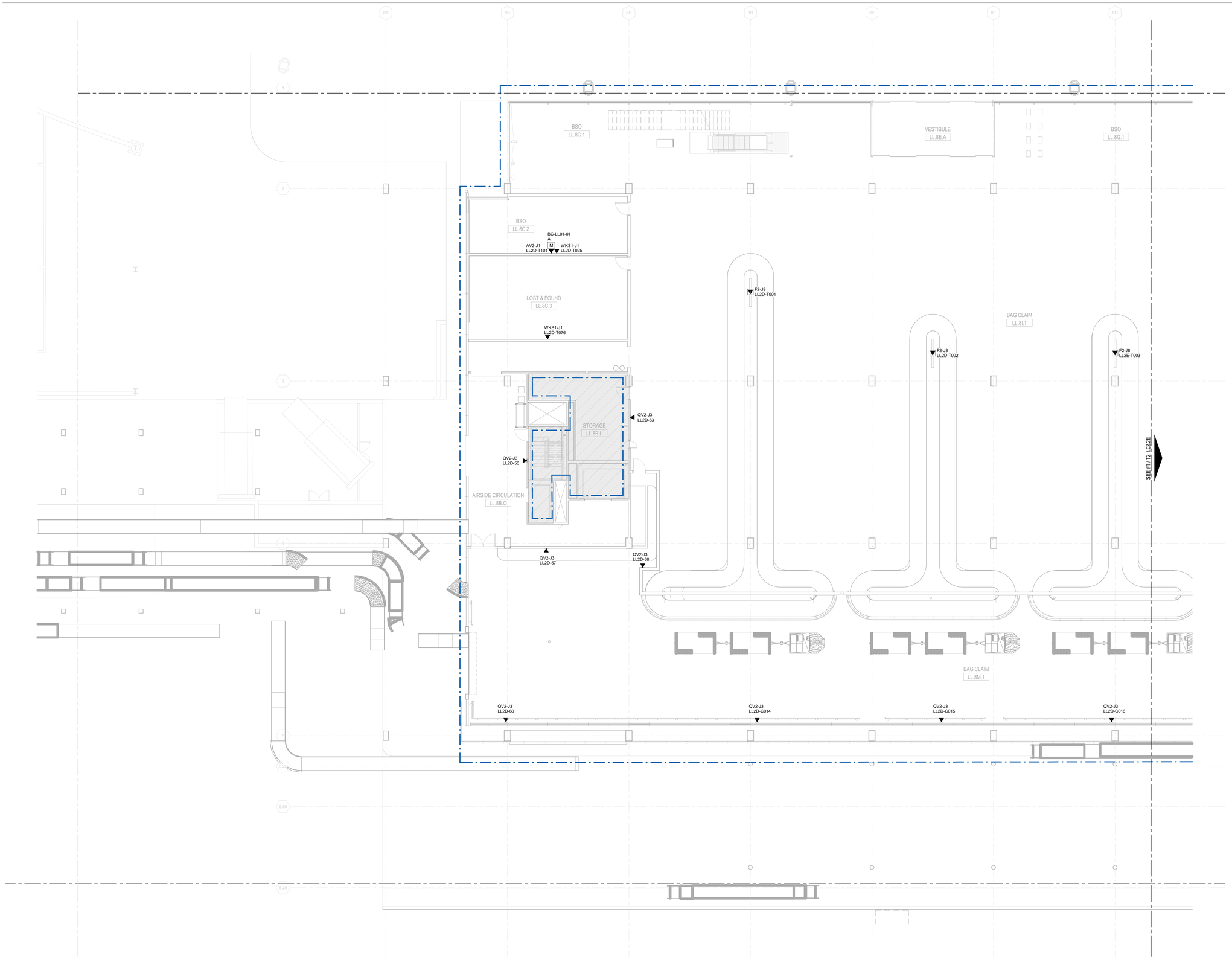

1 ENLARGED TELECOMMUNICATIONS PLAN - LOWER LEVEL - AREA 2D
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
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NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE **60% DESIGN**
PACKAGE ISSUE DATE **03/24/2023**
PHASE **DD**
REVISION **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN

ENLARGED TELECOM PLAN - LOWER LEVEL - AREA 2D

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER **T2.1.02.2D** VOLUME: **3**

3/23/2023 1:26:12 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
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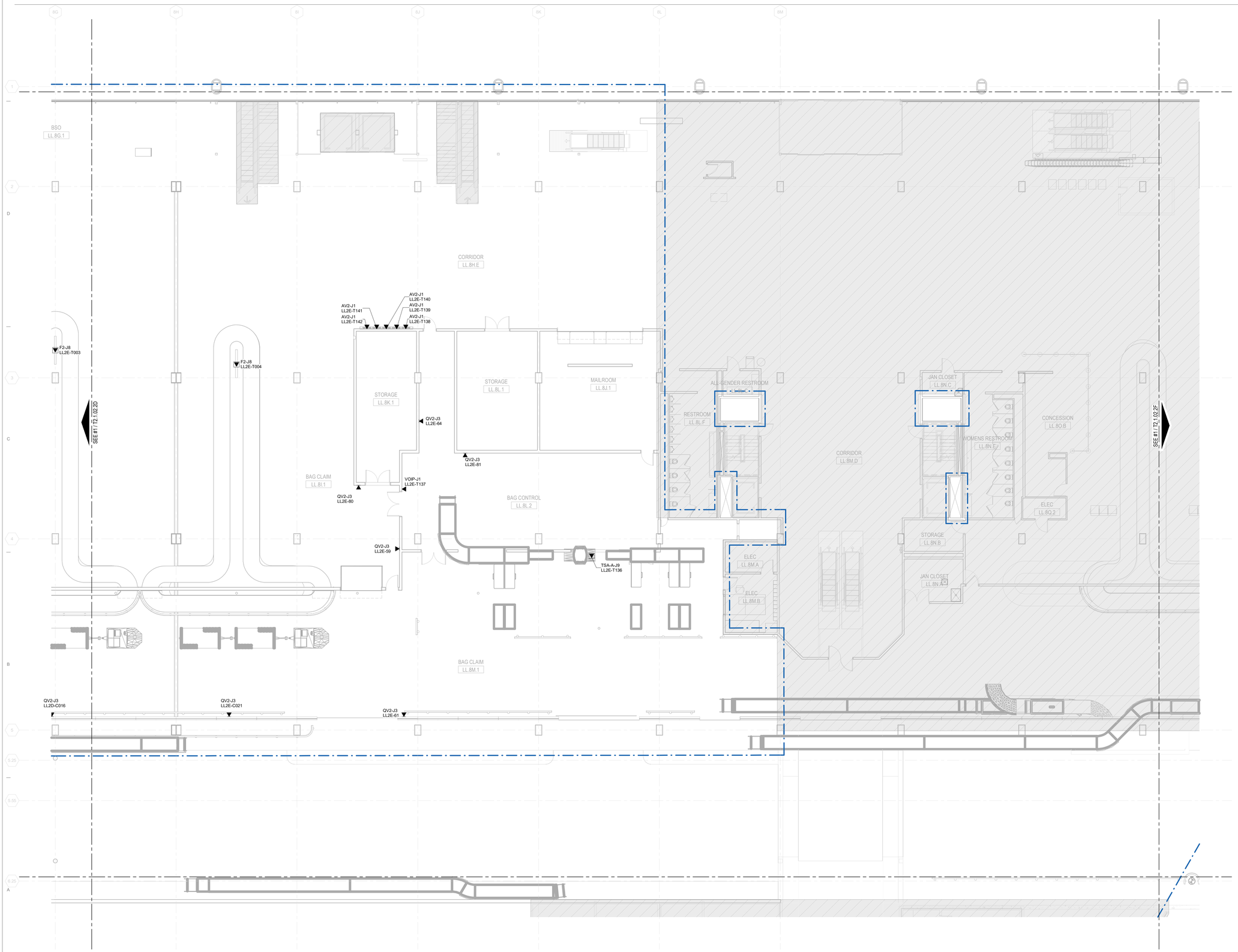
3. CONTRACTOR SHALL FURNISH AND INSTALL NEW DEVICES AND EQUIPMENT.
4. TELECOM ZONING TO BE FURTHER DEVELOPED AS PART OF A FUTURE DESIGN SUBMITTAL.



1 ENLARGED TELECOMMUNICATIONS PLAN - LOWER LEVEL - AREA 2E
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

3/23/2023 1:26:34 AM

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DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT

NOTES

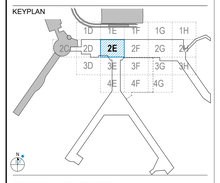
REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN



ENLARGED TELECOM PLAN - LOWER LEVEL - AREA 2E

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

T2.1.02.2E

CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

GENERAL NOTES:

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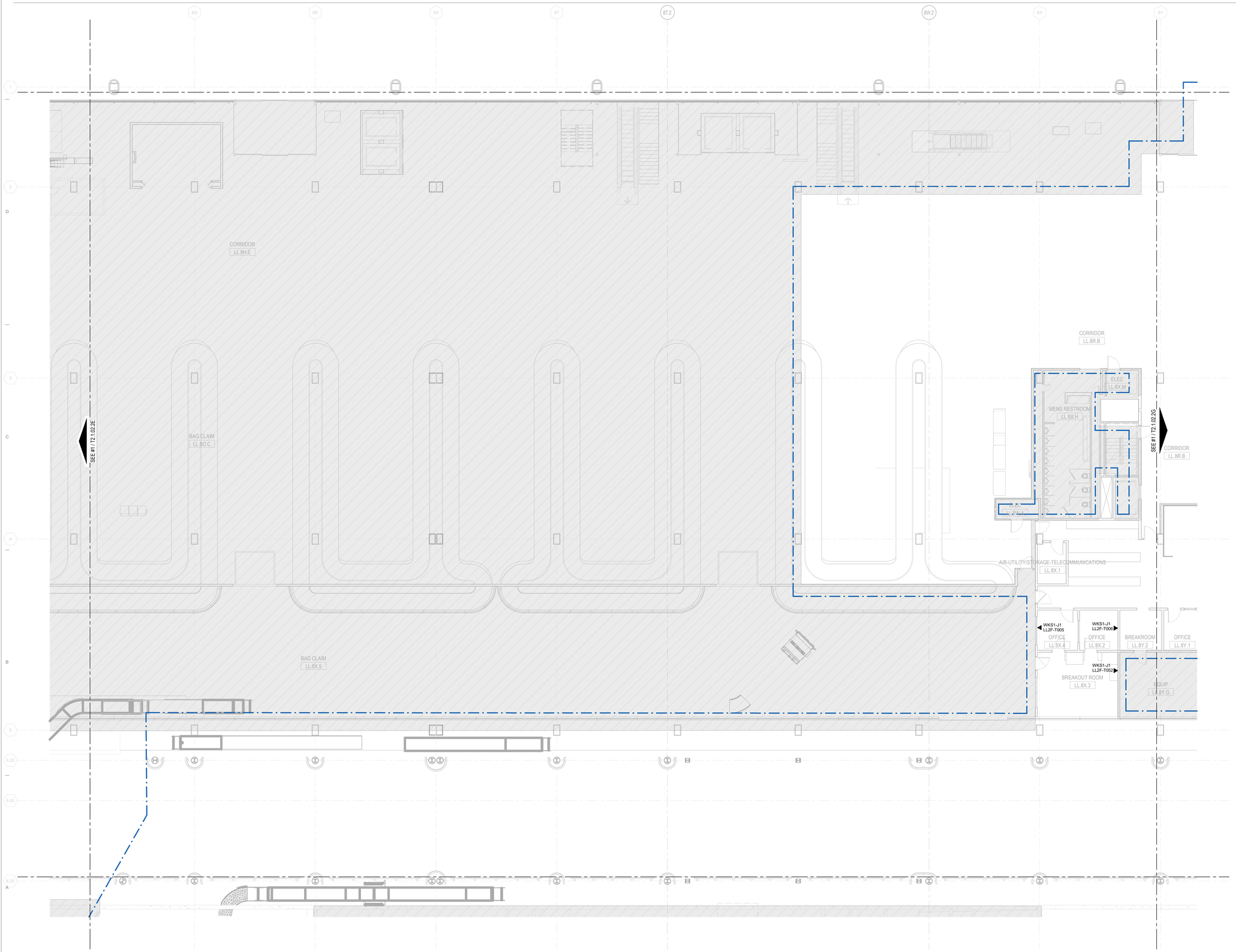

1 ENLARGED TELECOMMUNICATIONS PLAN - LOWER LEVEL - AREA 2F
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

3/23/2023 1:26:51 AM

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DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT

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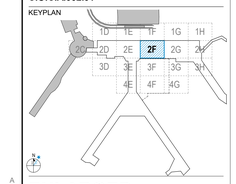
REVISION: **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN



ENLARGED TELECOM PLAN - LOWER LEVEL - AREA 2F

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

T2.1.02.2F

CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

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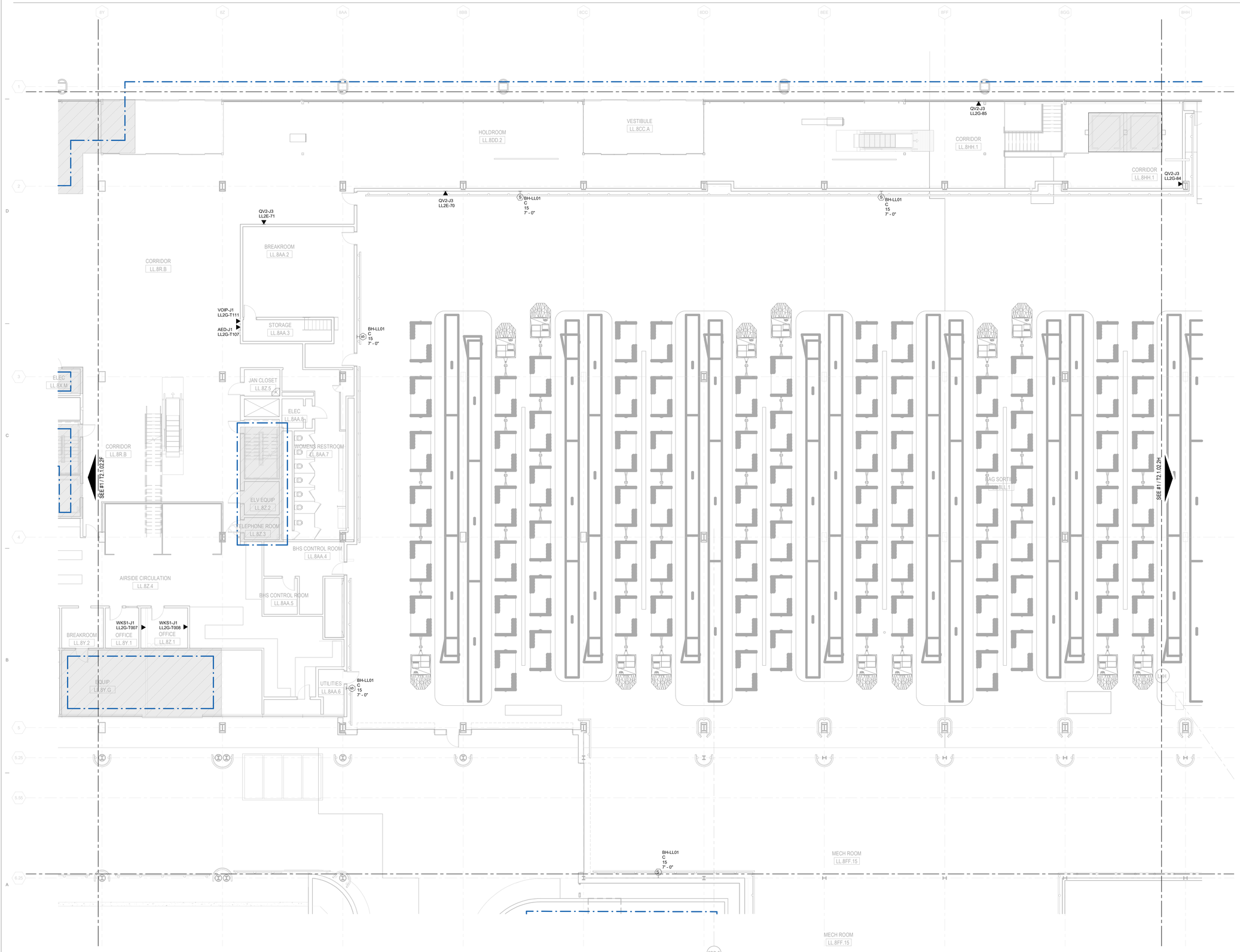

1 ENLARGED TELECOMMUNICATIONS PLAN - LOWER LEVEL - AREA 2G

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

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JAMIE L. RHEE
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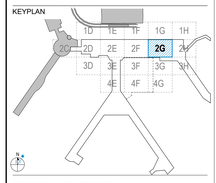
KEYPLAN



ENLARGED TELECOM PLAN - LOWER LEVEL - AREA 2G

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

T2.1.02.2G

3/23/2023 1:51:55 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

KEYED NOTES:

1. CONTRACTOR SHALL RELOCATE AND REINSTALL EXISTING IT/INFRASTRUCTURE ENCLOSURE AND EQUIPMENT. PROVIDE CONDUIT AND CABLING FROM ENCLOSURE TO EXISTING SOURCE.

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
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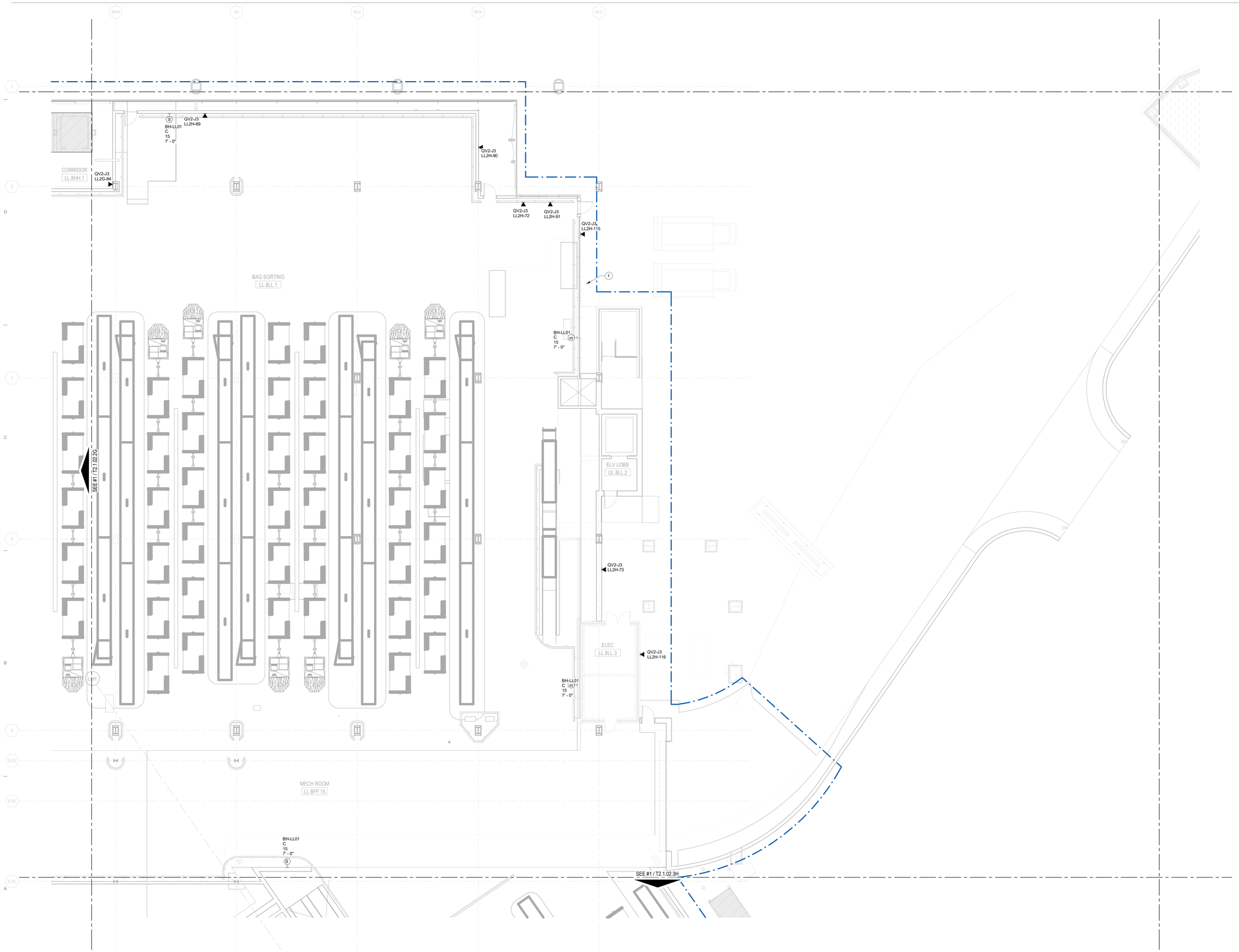

1 ENLARGED TELECOMMUNICATIONS PLAN - LOWER LEVEL - AREA 2H
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

3/23/2023 1:52:08 AM

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NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT

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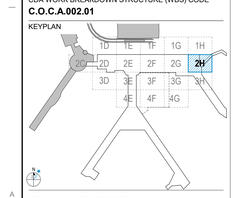
NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN



ENLARGED TELECOM PLAN - LOWER LEVEL - AREA 2H

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

T2.1.02.2H

CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

GENERAL NOTES:

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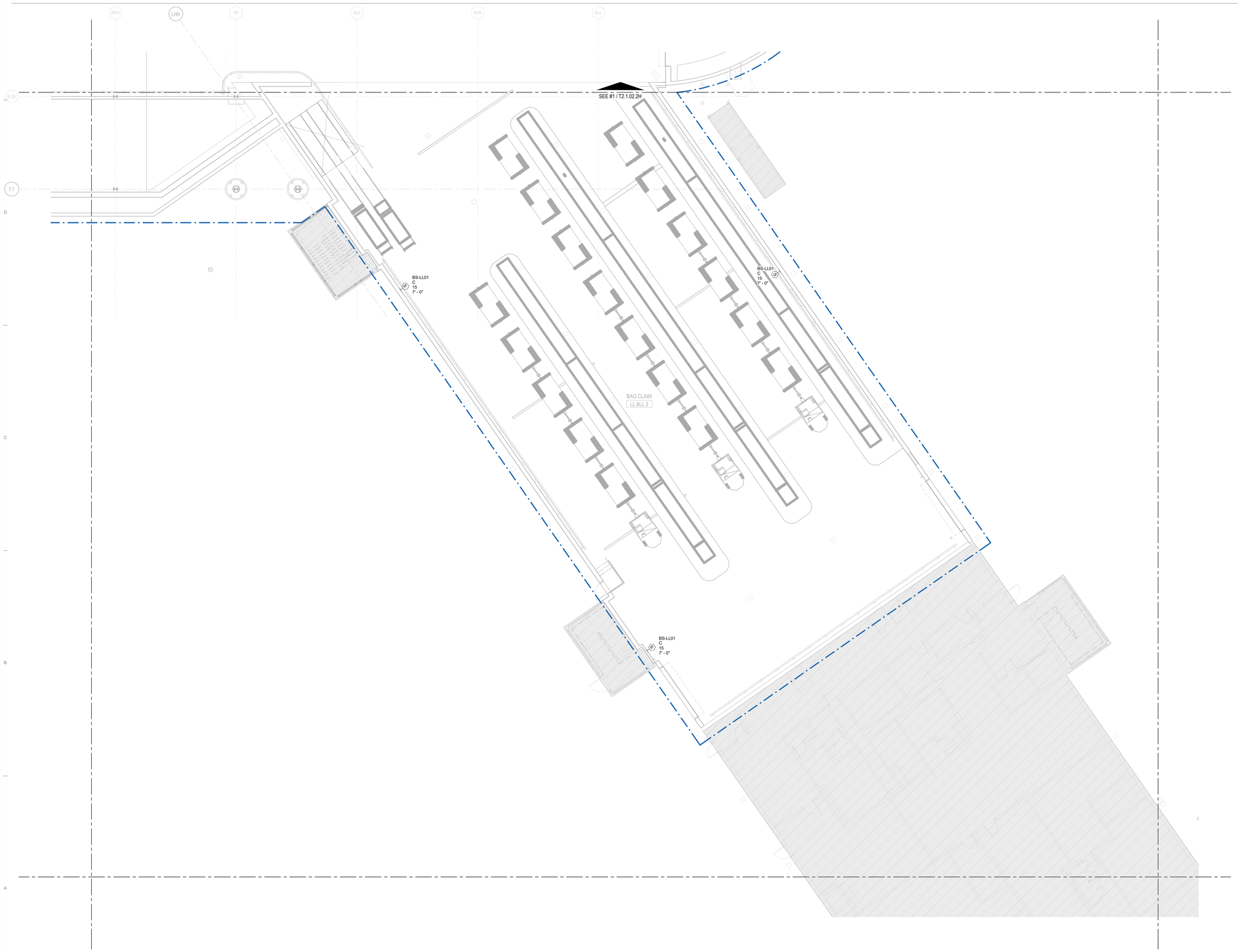

1 ENLARGED TELECOMMUNICATIONS PLAN - LOWER LEVEL - AREA 3H
1/8" = 1'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

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CHICAGO, ILLINOIS 60666

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CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
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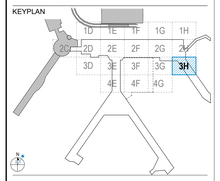
KEYPLAN



ENLARGED TELECOM PLAN - LOWER LEVEL - AREA 3H

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

T2.1.02.3H

3/23/2023 1:30:07 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

GENERAL NOTES:

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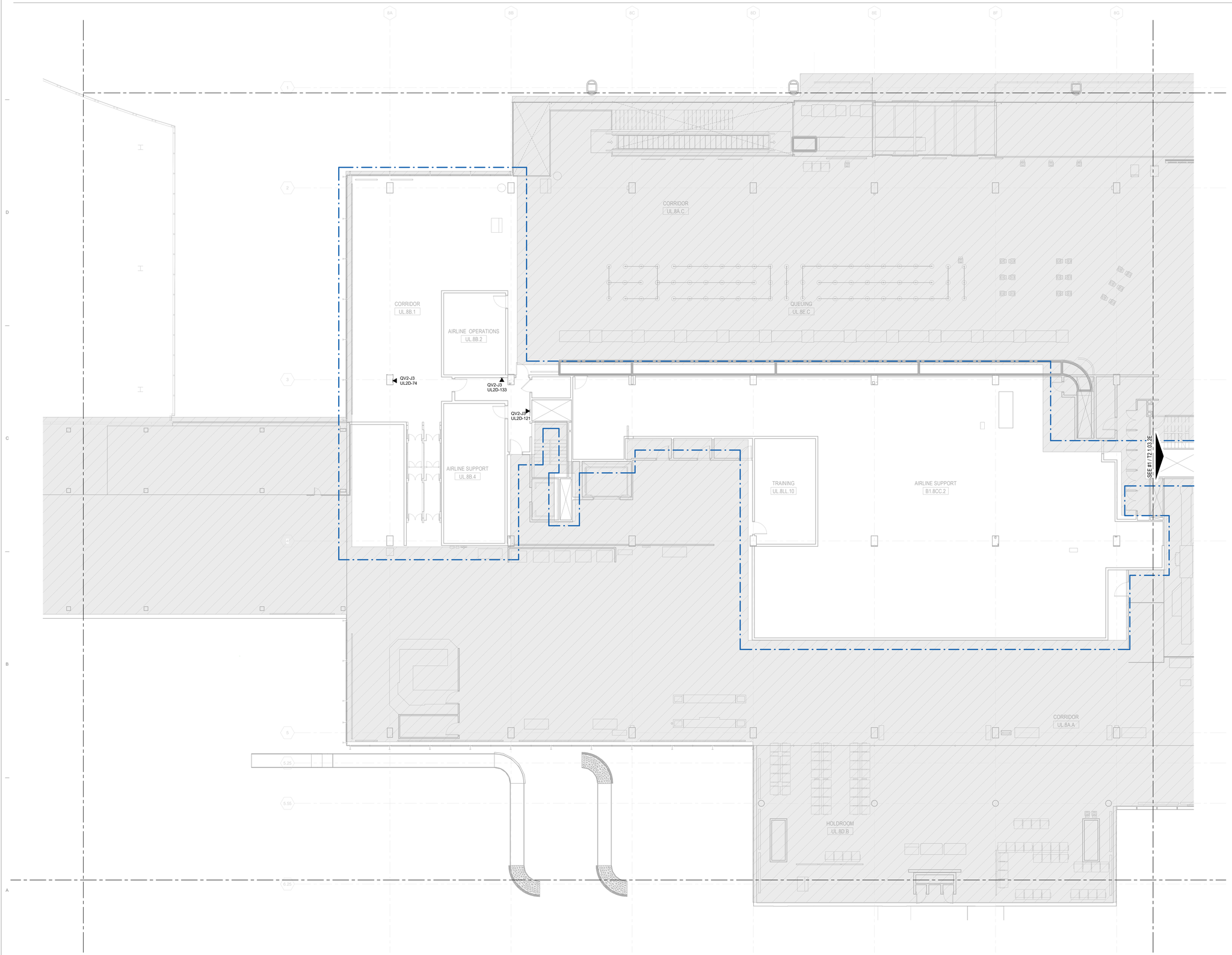

1 ENLARGED TELECOMMUNICATIONS PLAN - UPPER LEVEL - AREA 2D
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

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CHICAGO, ILLINOIS 60666

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STAMPING CONSULTANT

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REVISION **--**

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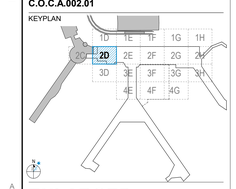
KEYPLAN



ENLARGED TELECOM PLAN - UPPER LEVEL - AREA 2D

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

T2.1.03.2D

3/23/2023 1:30:18 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

GENERAL NOTES:

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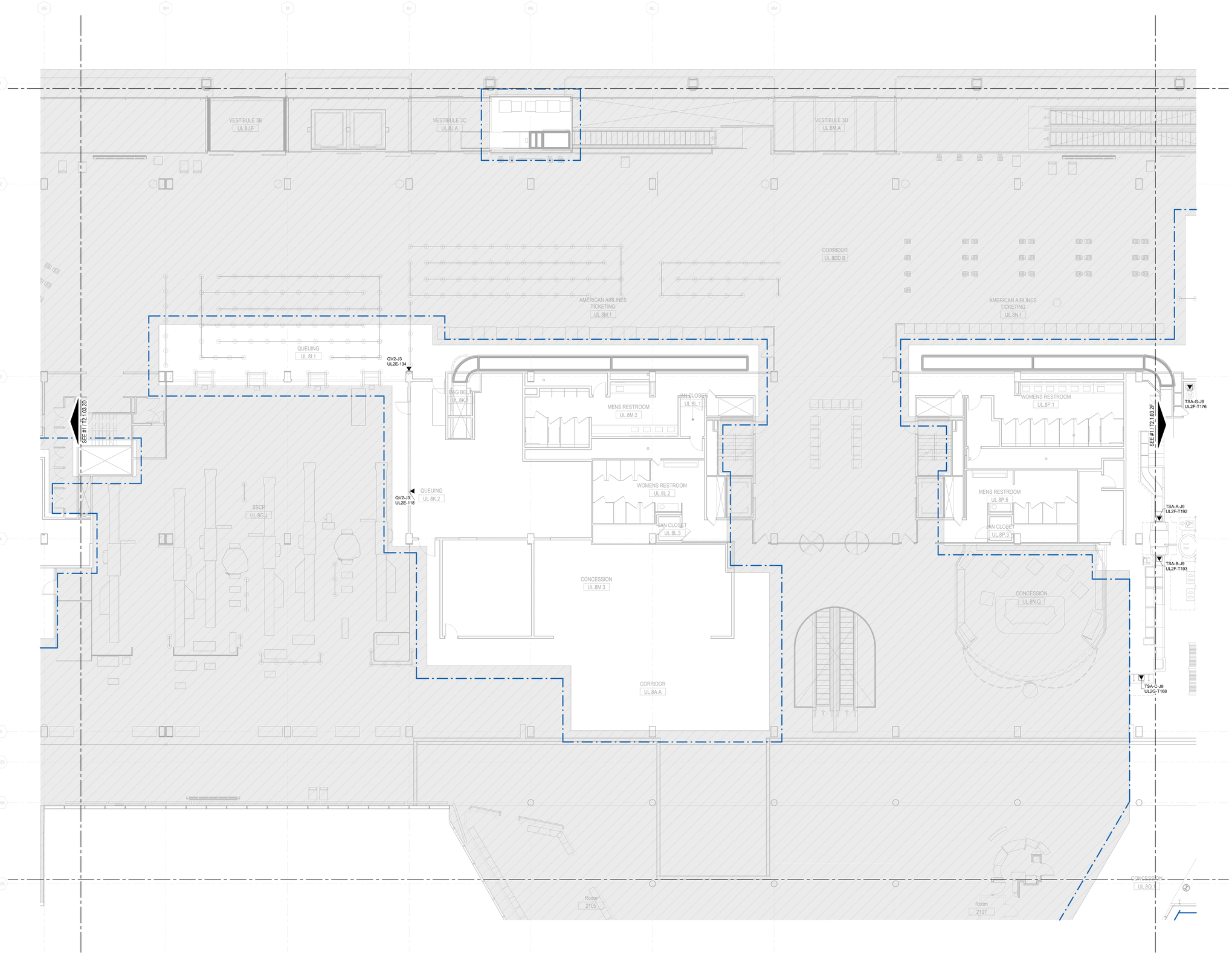

1 ENLARGED TELECOMMUNICATIONS PLAN - UPPER LEVEL - AREA 2E
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
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PROJECT NUMBER
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STAMPING CONSULTANT

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CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
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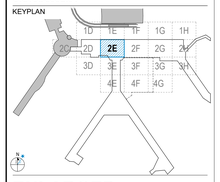
KEYPLAN



ENLARGED TELECOM PLAN - UPPER LEVEL - AREA 2E

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

T2.1.03.2E

3/23/2023 1:30:31 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

KEYED NOTES:

1. IT ROOM T3.UL.8W.1 LIMITED TO SERVING NEW DATA CABLING FOR TSA OWNED AND OPERATED EQUIPMENT ONLY. PROVIDE (1) 12-STRAND SMFO CABLE FROM DNC-3. PROVIDE LOCKABLE 19" RACK UNIT(S), PATCH PANELS, PATCH CABLES, AND ALL ACCESSORIES REQUIRED TO EXTEND FIBER CONNECTIVITY TO ROOM.

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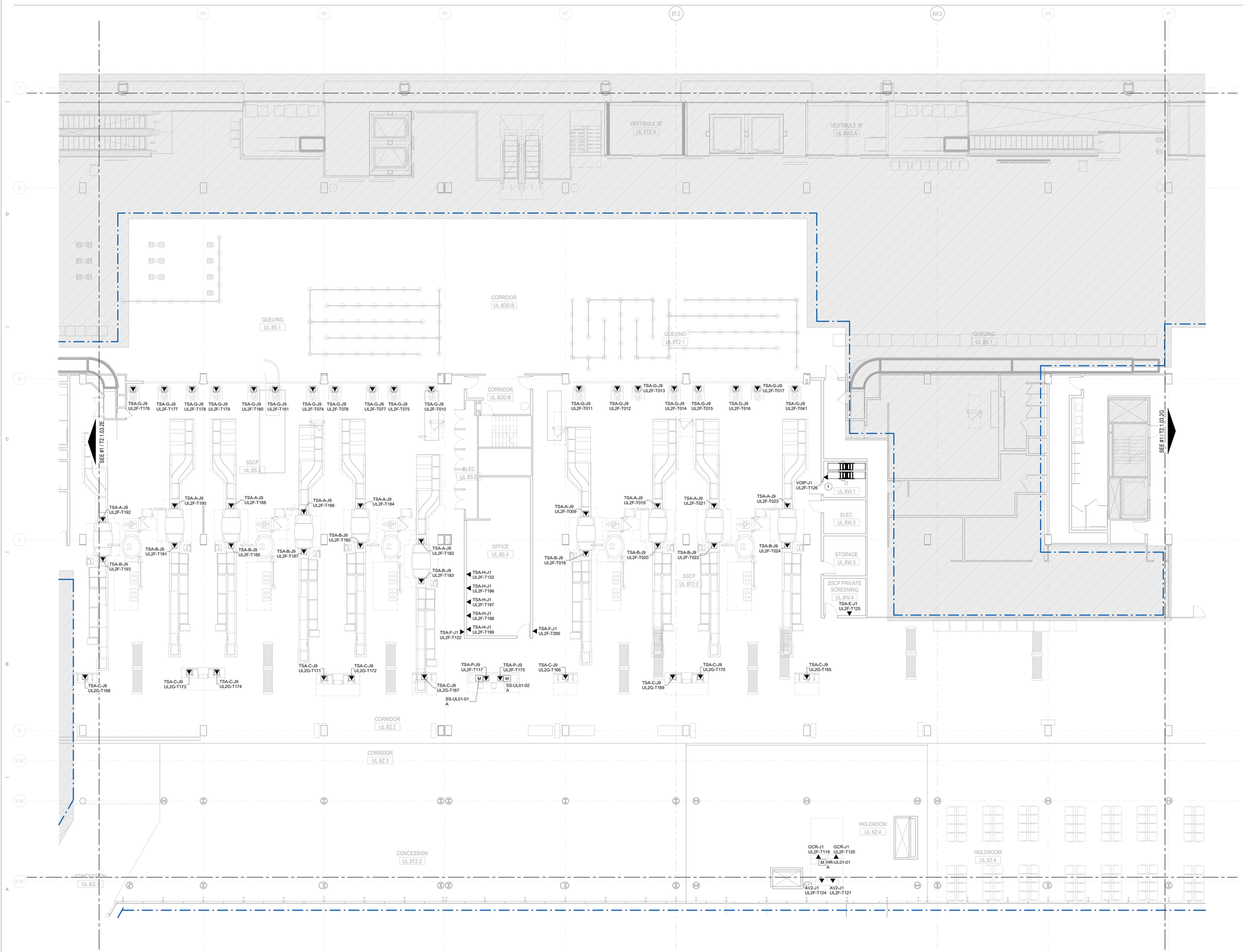

1 ENLARGED TELECOMMUNICATIONS PLAN - UPPER LEVEL - AREA 2F
1/8" = 1'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT

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REVISION: **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN

ENLARGED TELECOM PLAN - UPPER LEVEL - AREA 2F

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**
T2.1.03.2F

3/23/2023 1:30:43 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

KEYED NOTES:

1. IT ROOM T3.UL.8LL.9 LIMITED TO SERVING NEW DATA CABLING FOR TSA OWNED AND OPERATED EQUIPMENT ONLY. PROVIDE (1) 12-STRAND SMFO CABLE FROM DNC-3. PROVIDE LOCKABLE 19" RACK UNIT, PATCH PANELS, PATCH CABLES, AND ALL ACCESSORIES REQUIRED TO EXTEND FIBER CONNECTIVITY TO ROOM.

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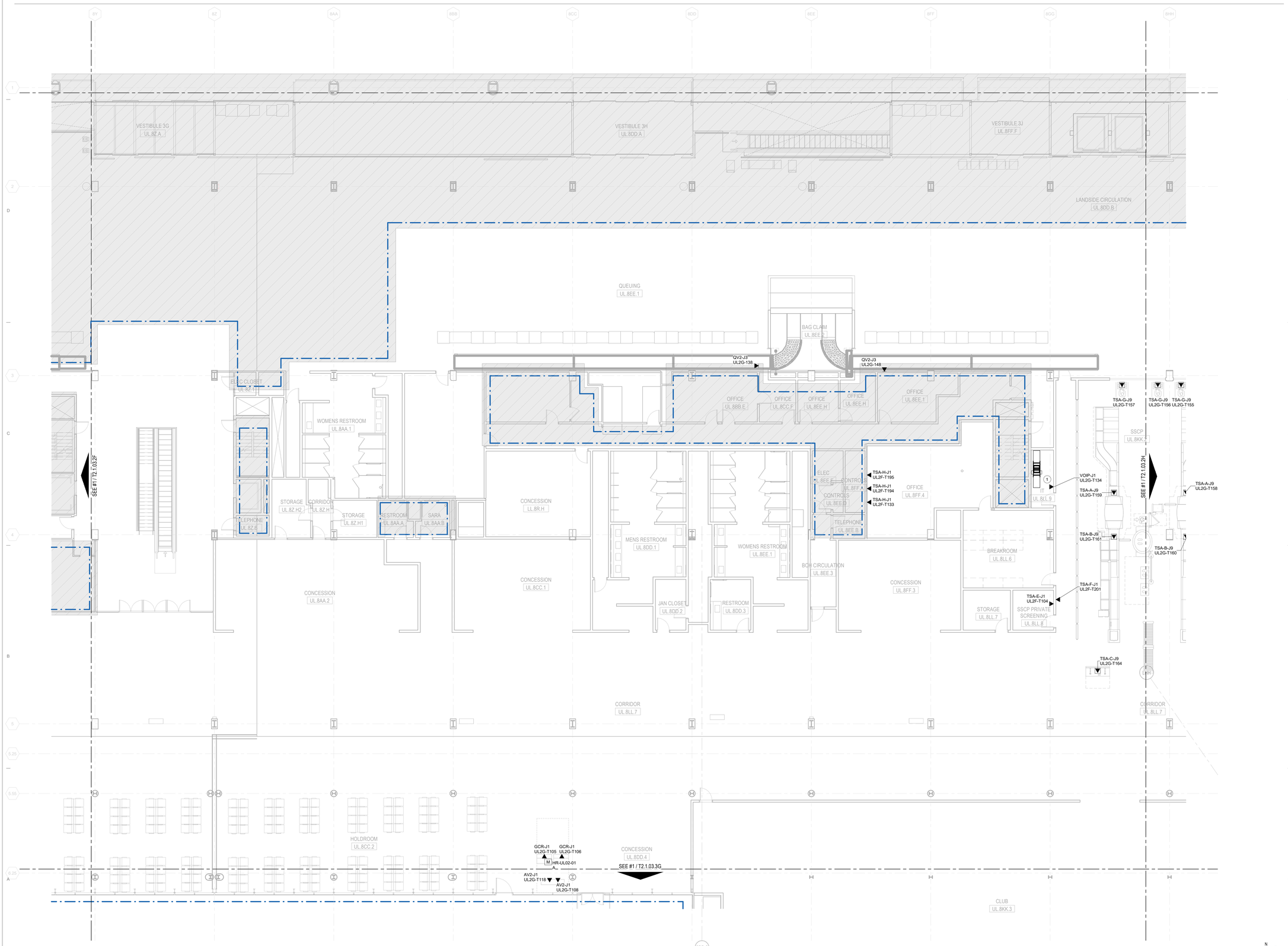

1 ENLARGED TELECOMMUNICATIONS PLAN - UPPER LEVEL - AREA 2G
1/8" = 1'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

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KEYPLAN

ENLARGED TELECOM PLAN - UPPER LEVEL - AREA 2G

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER: **T2.1.03.2G** VOLUME: **3**

3/23/2023 1:30:55 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
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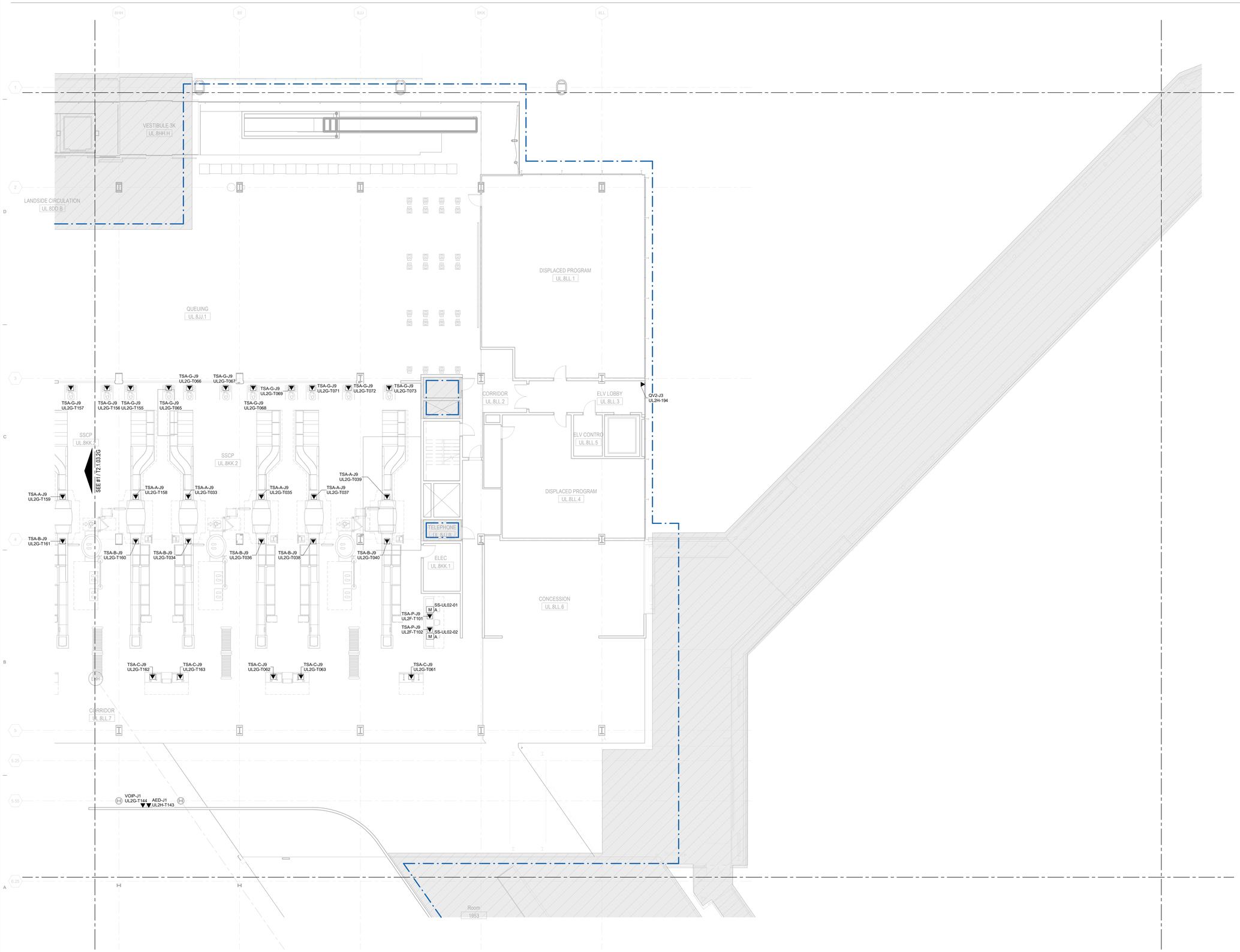
4. TELECOM ZONING TO BE FURTHER DEVELOPED AS PART OF A FUTURE DESIGN SUBMITTAL.



1 ENLARGED TELECOMMUNICATIONS PLAN - UPPER LEVEL - AREA 2H
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

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NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT

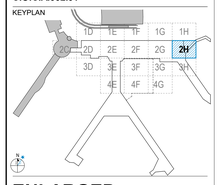
NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN



ENLARGED TELECOM PLAN - UPPER LEVEL - AREA 2H

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER: **T2.1.03.2H** VOLUME: **3**

3/23/2023 1:31:06 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

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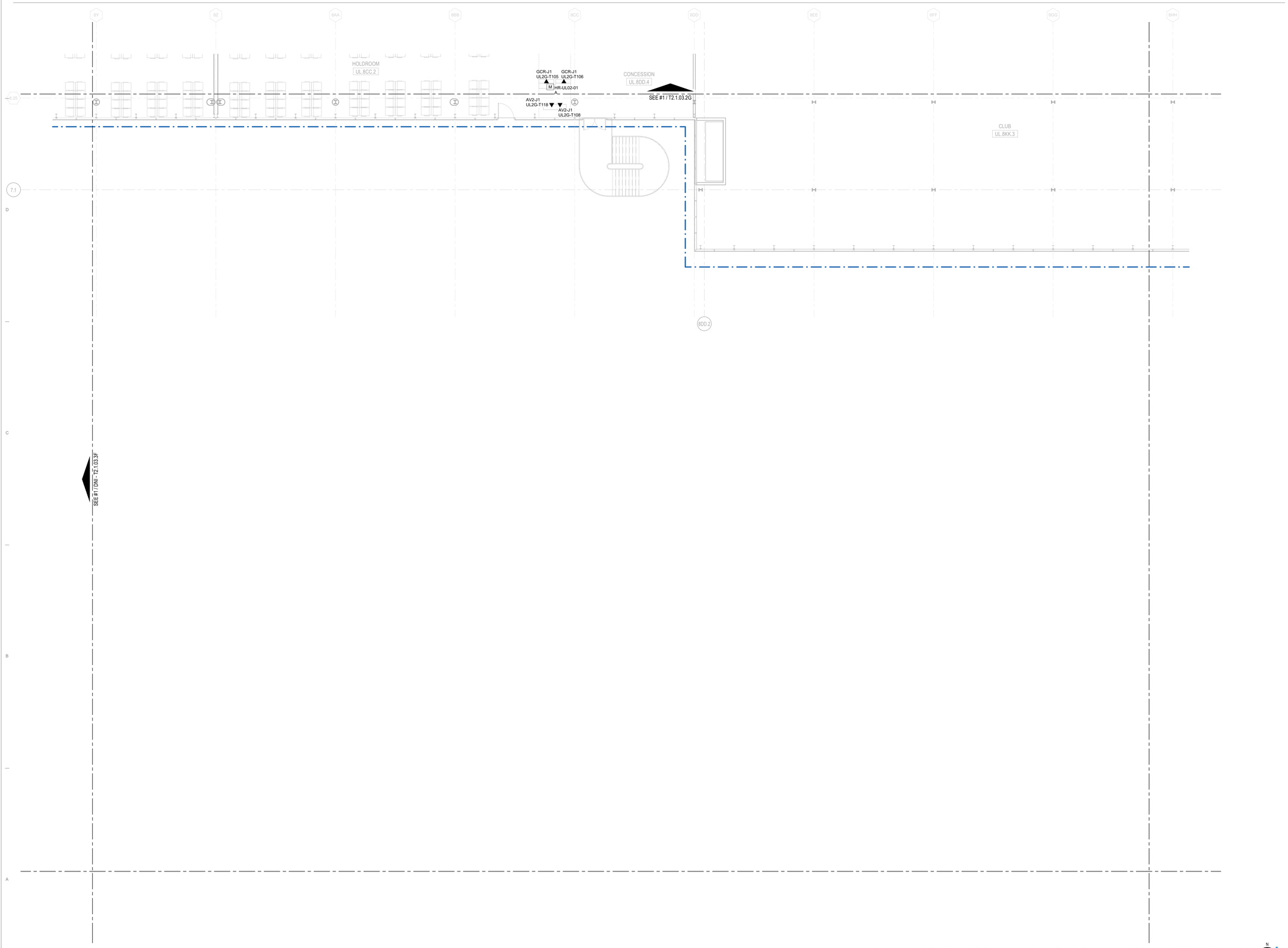

1 ENLARGED TELECOMMUNICATIONS PLAN - UPPER LEVEL - AREA 3G
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

N

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CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
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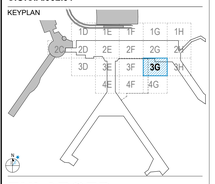

ENLARGED TELECOM PLAN - UPPER LEVEL - AREA 3G

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SHEET NUMBER VOLUME: **3**

T2.1.03.3G

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

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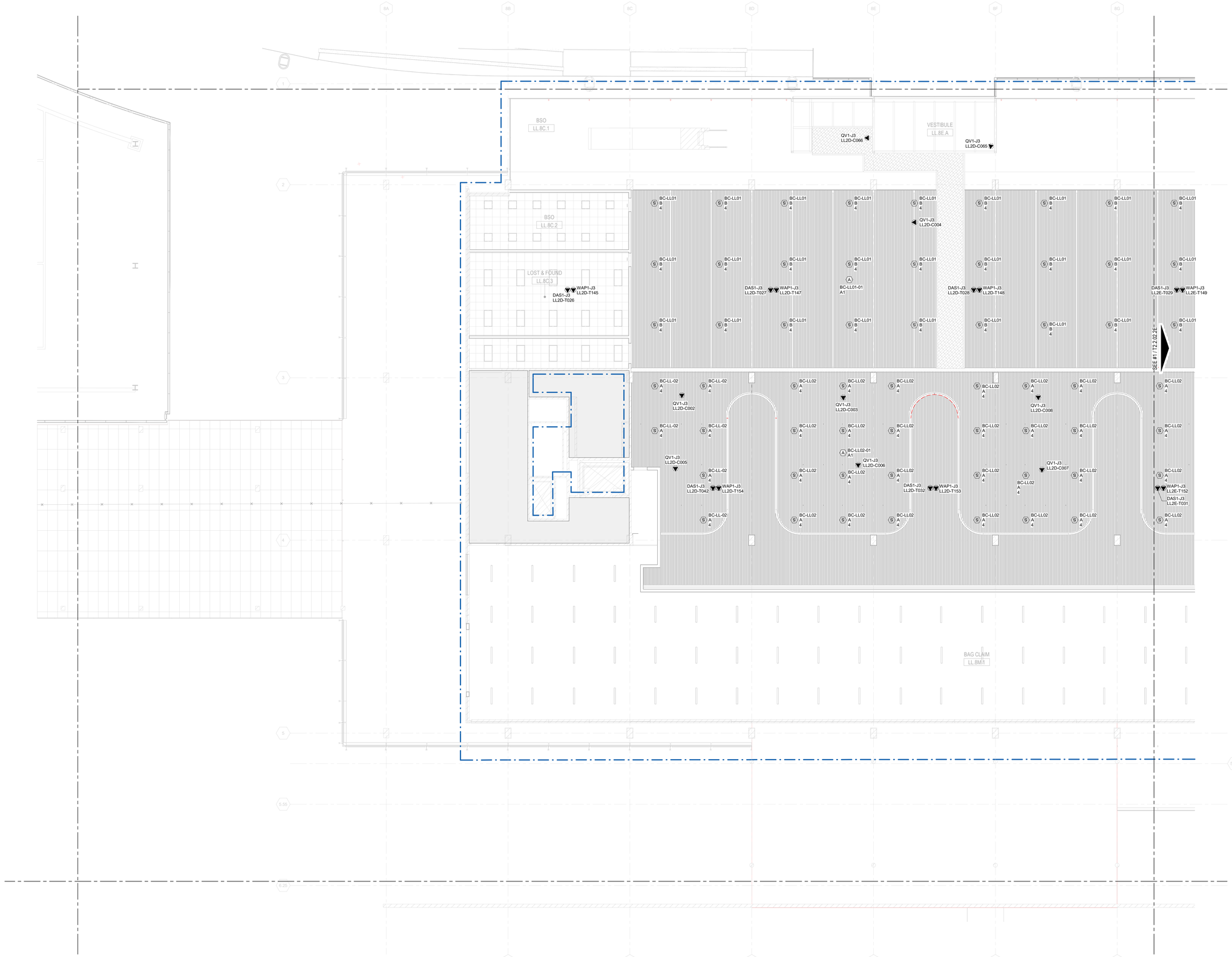

1 ENLARGED TELECOMMUNICATIONS RCP - LOWER LEVEL - AREA 2D

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

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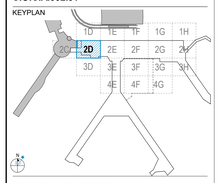

ENLARGED TELECOM REFLECTED CEILING PLAN - LOWER LEVEL - AREA 2D

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SHEET NUMBER VOLUME: **3**

T2.2.02.2D

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

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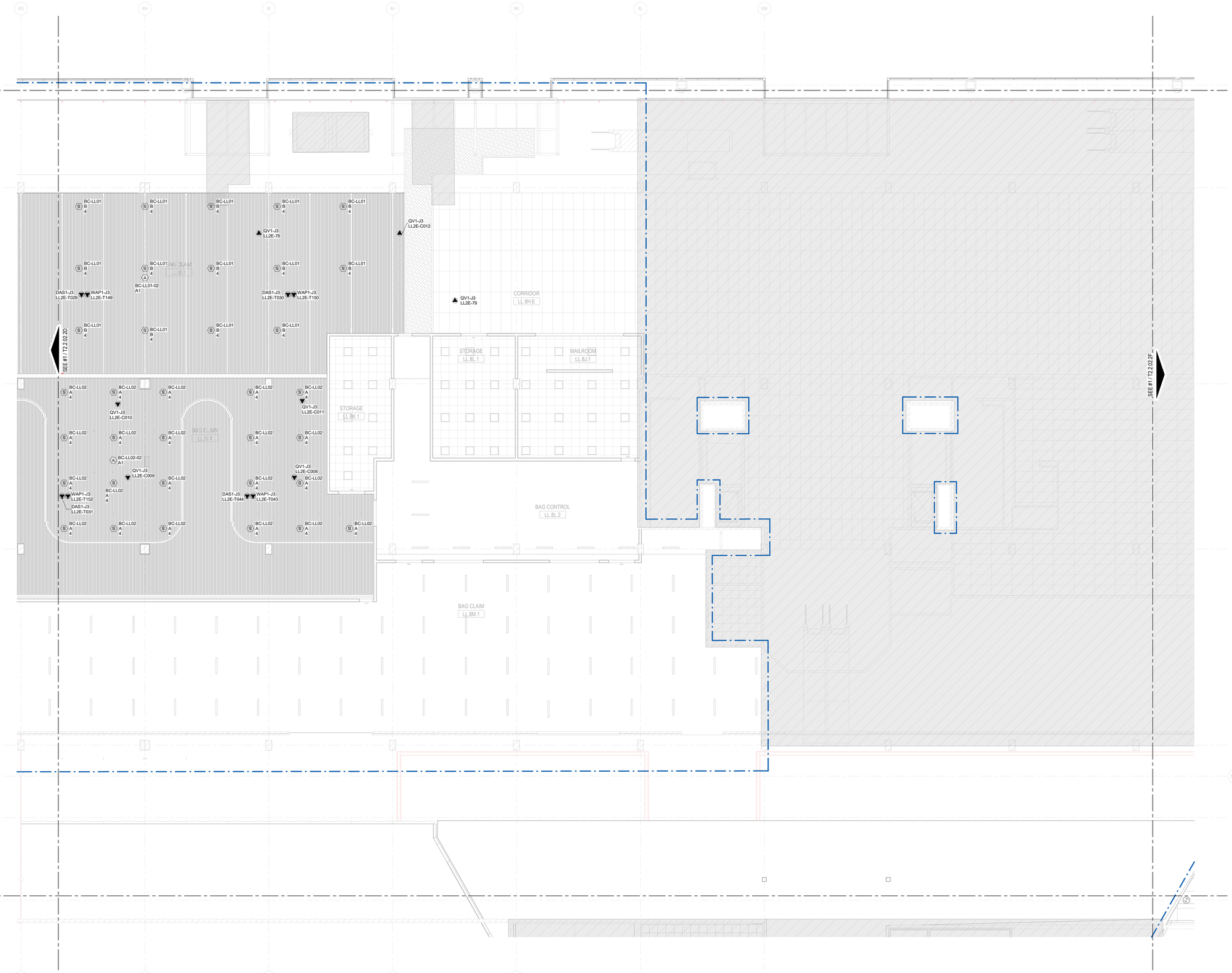

1 ENLARGED TELECOMMUNICATIONS RCP - LOWER LEVEL - AREA 2E
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

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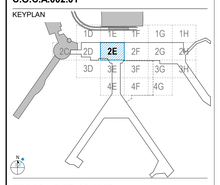

ENLARGED TELECOM REFLECTED CEILING PLAN - LOWER LEVEL - AREA 2E

DRAWN BY: **INTROBA** CHECKED BY: **CLH**

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CONSTRUCTION PLAN LEGEND

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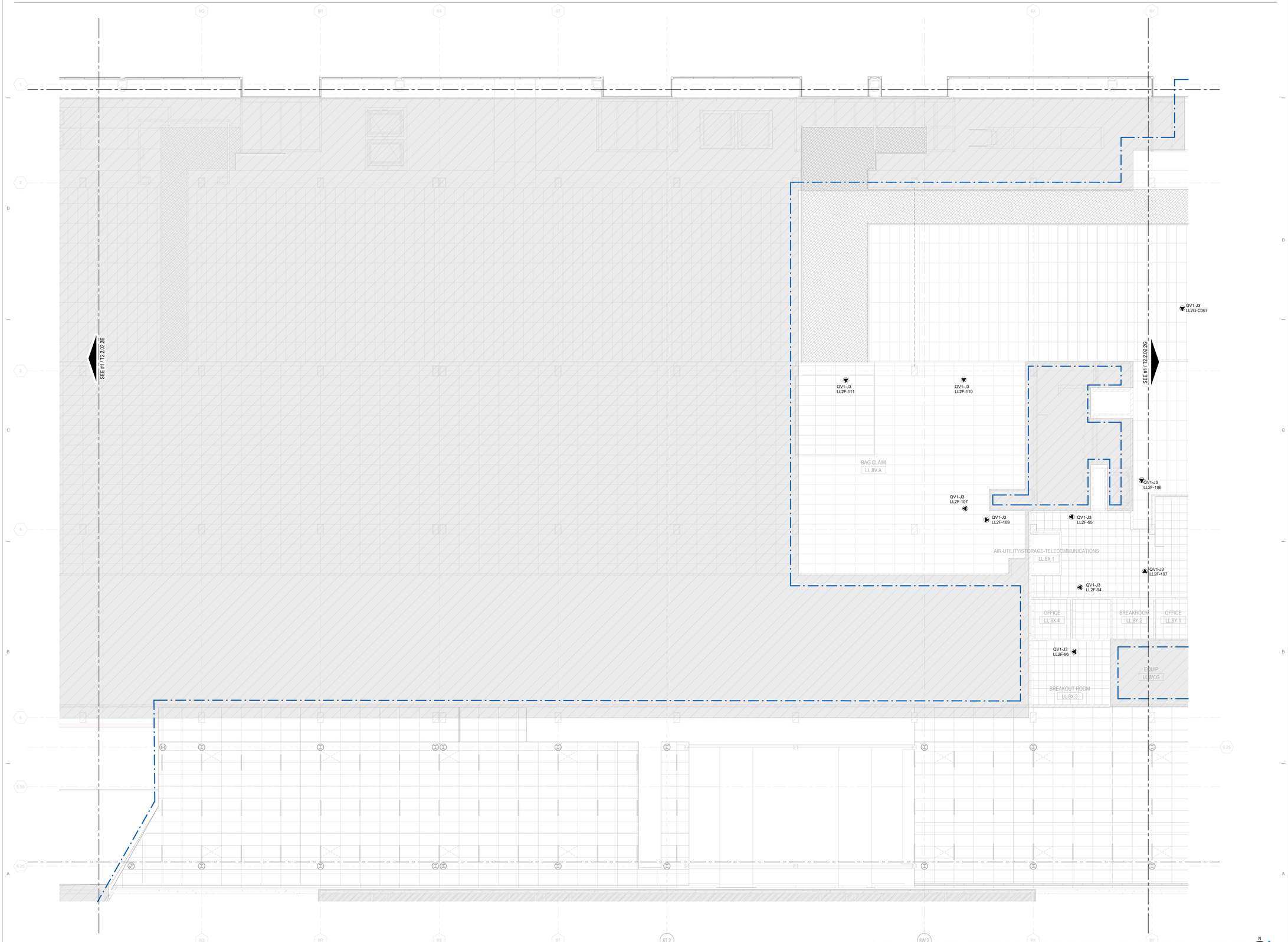

1 ENLARGED TELECOMMUNICATIONS RCP - LOWER LEVEL - AREA 2F
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

3/23/2023 1:31:50 AM

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CITY OF CHICAGO
LORI LIGHTFOOT
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CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
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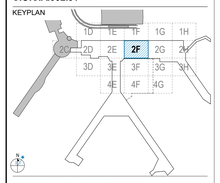

ENLARGED TELECOM REFLECTED CEILING PLAN - LOWER LEVEL - AREA 2F

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER: **T2.2.02.2F** VOLUME: **3**

CONSTRUCTION PLAN LEGEND

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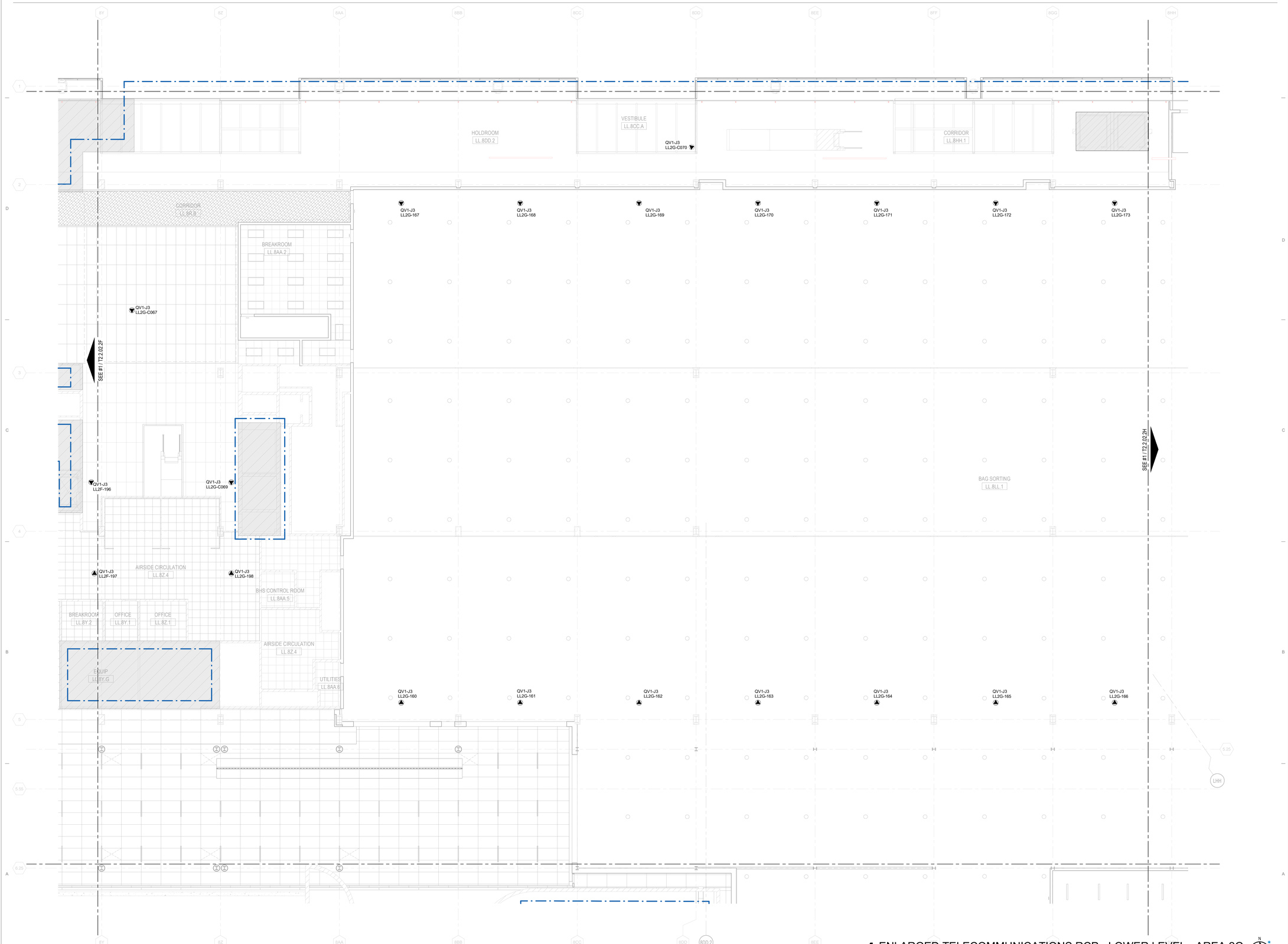

1 ENLARGED TELECOMMUNICATIONS RCP - LOWER LEVEL - AREA 2G
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

3/23/2023 1:32:02 AM

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

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PROJECT NUMBER
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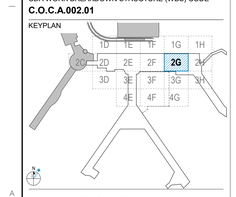

ENLARGED TELECOM REFLECTED CEILING PLAN - LOWER LEVEL - AREA 2G

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T2.2.02.2G

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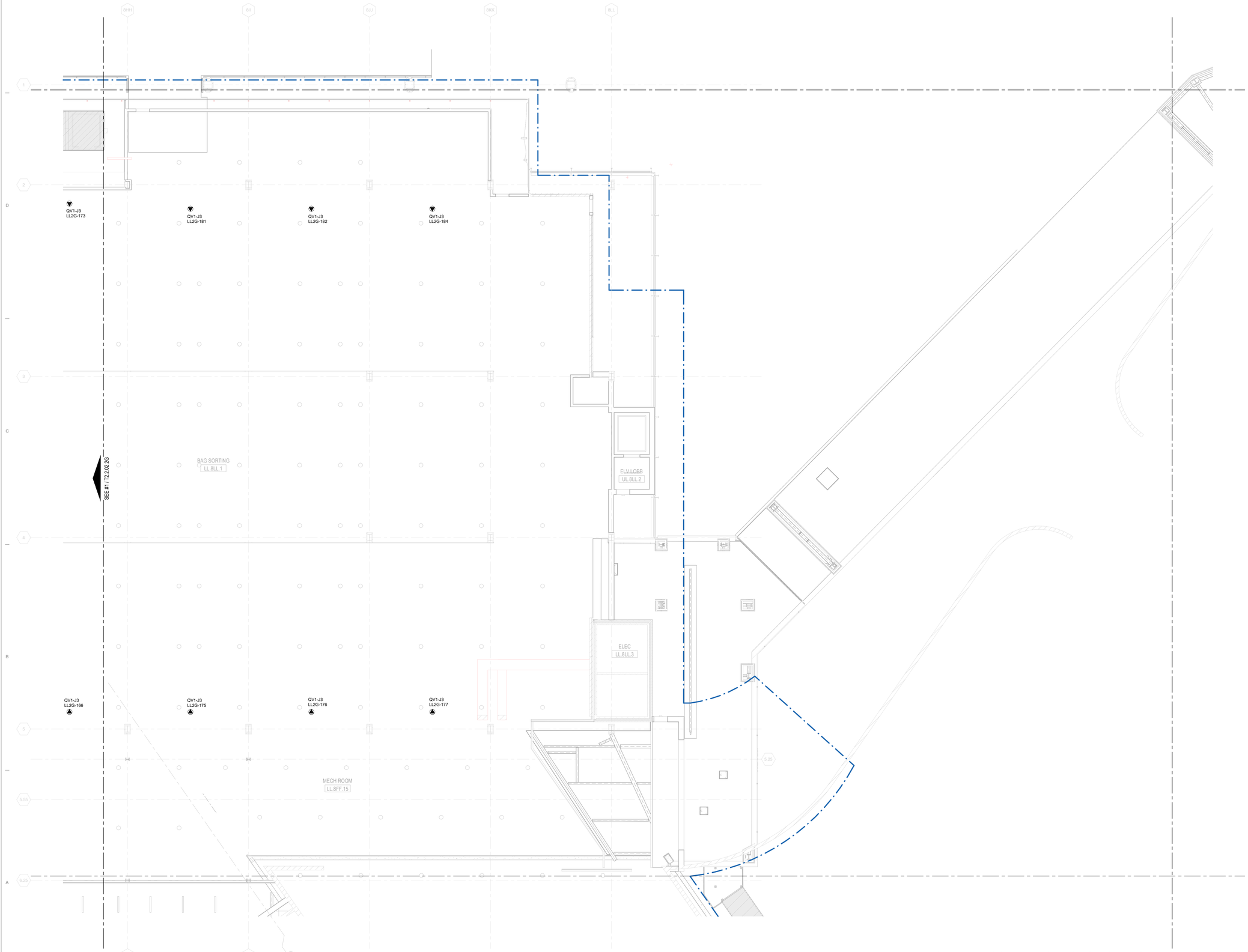

1 ENLARGED TELECOMMUNICATIONS RCP - LOWER LEVEL - AREA 2H
1/8" = 1'-0"

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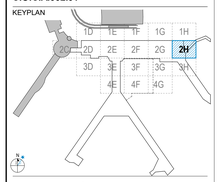

ENLARGED TELECOM REFLECTED CEILING PLAN - LOWER LEVEL - AREA 2H

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

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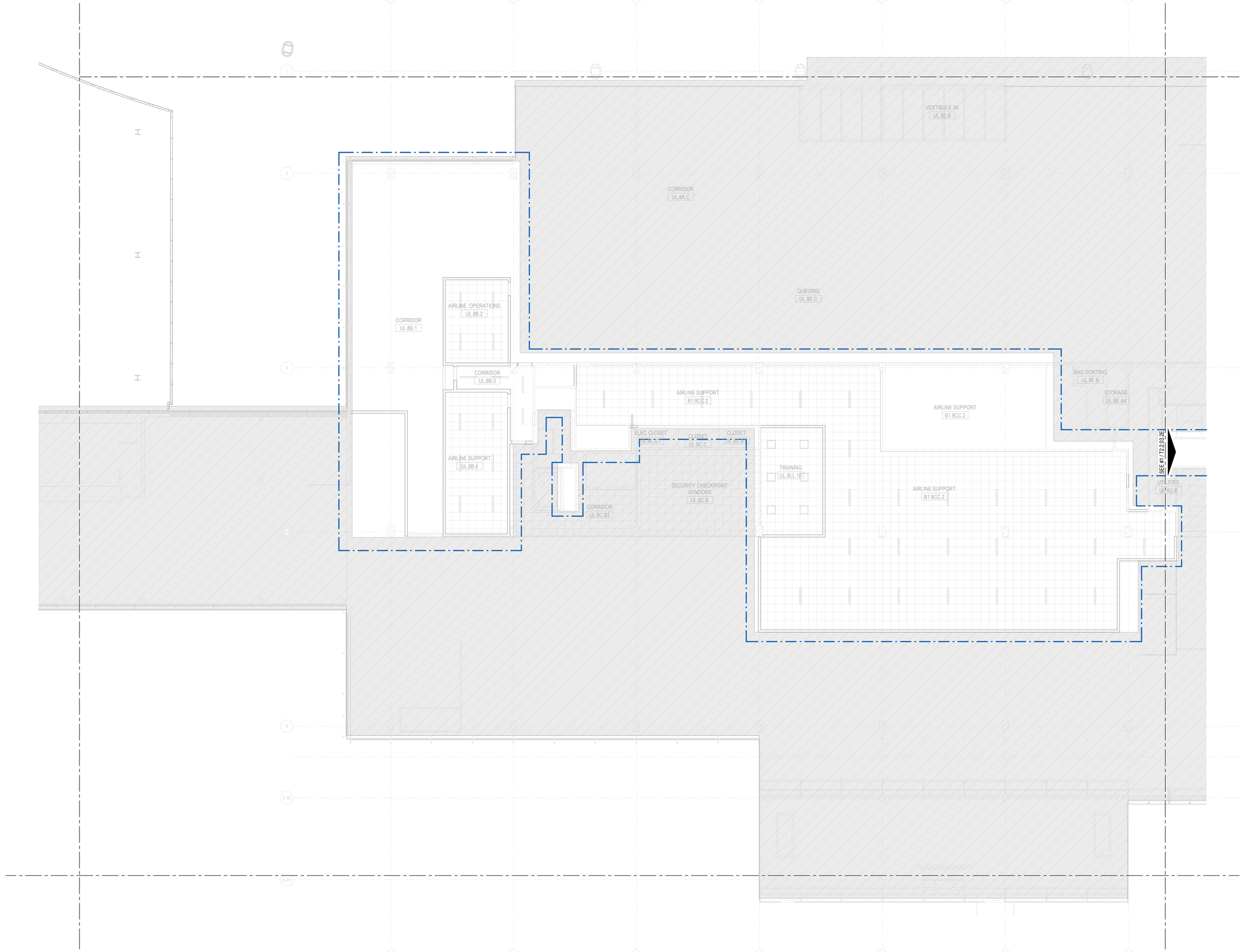

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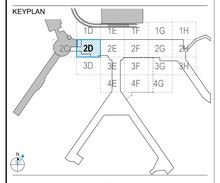

ENLARGED TELECOM REFLECTED CEILING PLAN - UPPER LEVEL - AREA 2D

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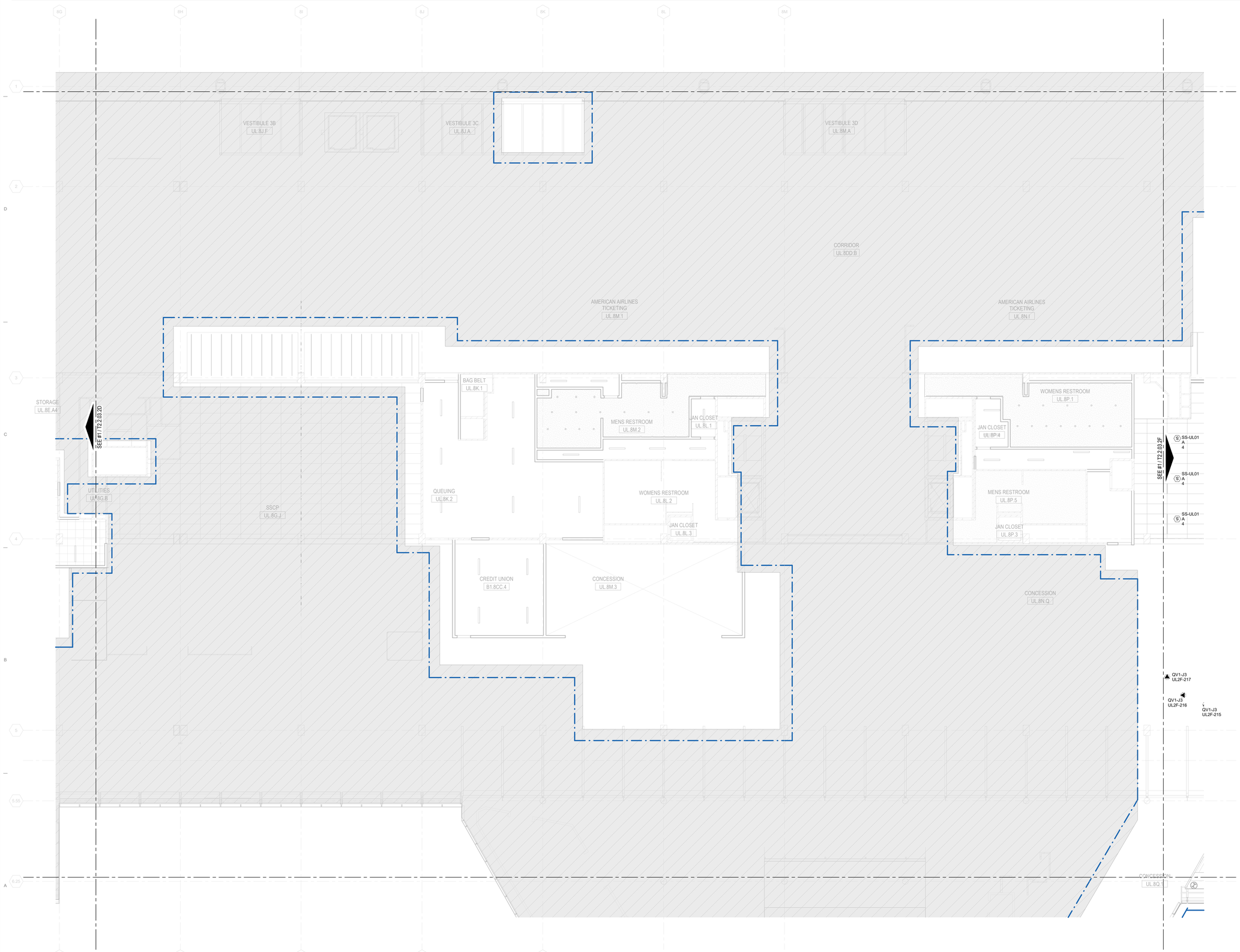

1 ENLARGED TELECOMMUNICATIONS RCP - UPPER LEVEL - AREA 2E
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

3/23/2023 1:32:40 AM

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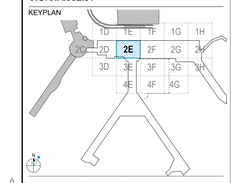

ENLARGED TELECOM REFLECTED CEILING PLAN - UPPER LEVEL - AREA 2E

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

T2.2.03.2E

CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SYSTEMS, CONNECTIONS, AND EXTENSIONS BACK TO THEIR SOURCE PRIOR TO STARTING ANY WORK ON THE VARIOUS SYSTEMS INCLUDED IN THIS PROJECT WORK.
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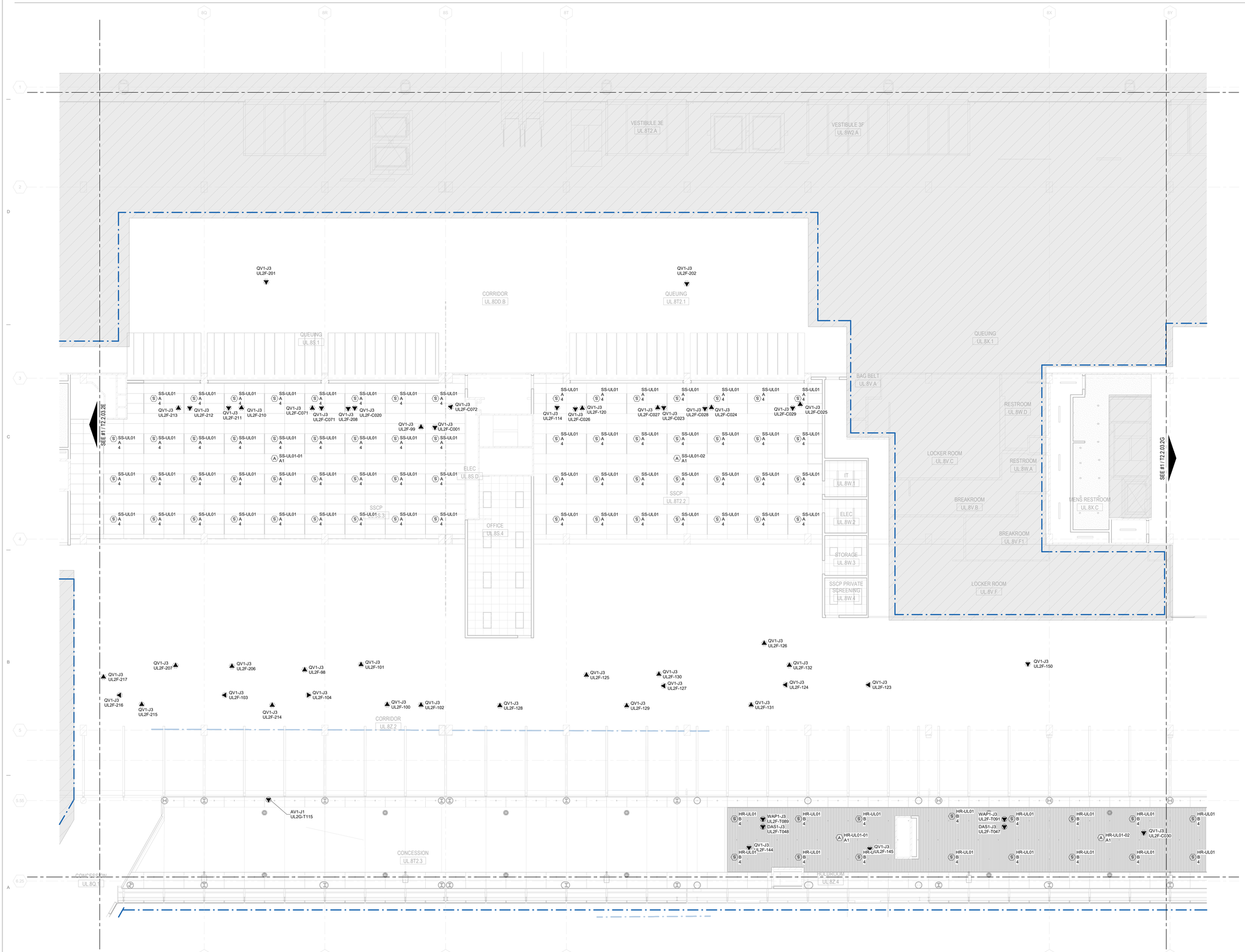
4. TELECOM ZONING TO BE FURTHER DEVELOPED AS PART OF A FUTURE DESIGN SUBMITTAL.



1 ENLARGED TELECOMMUNICATIONS RCP - UPPER LEVEL - AREA 2F
1/8" = 1'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: --
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN

ENLARGED TELECOM REFLECTED CEILING PLAN - UPPER LEVEL - AREA 2F

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**
T2.2.03.2F

3/23/2023 1:32:58 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

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GENERAL NOTES:

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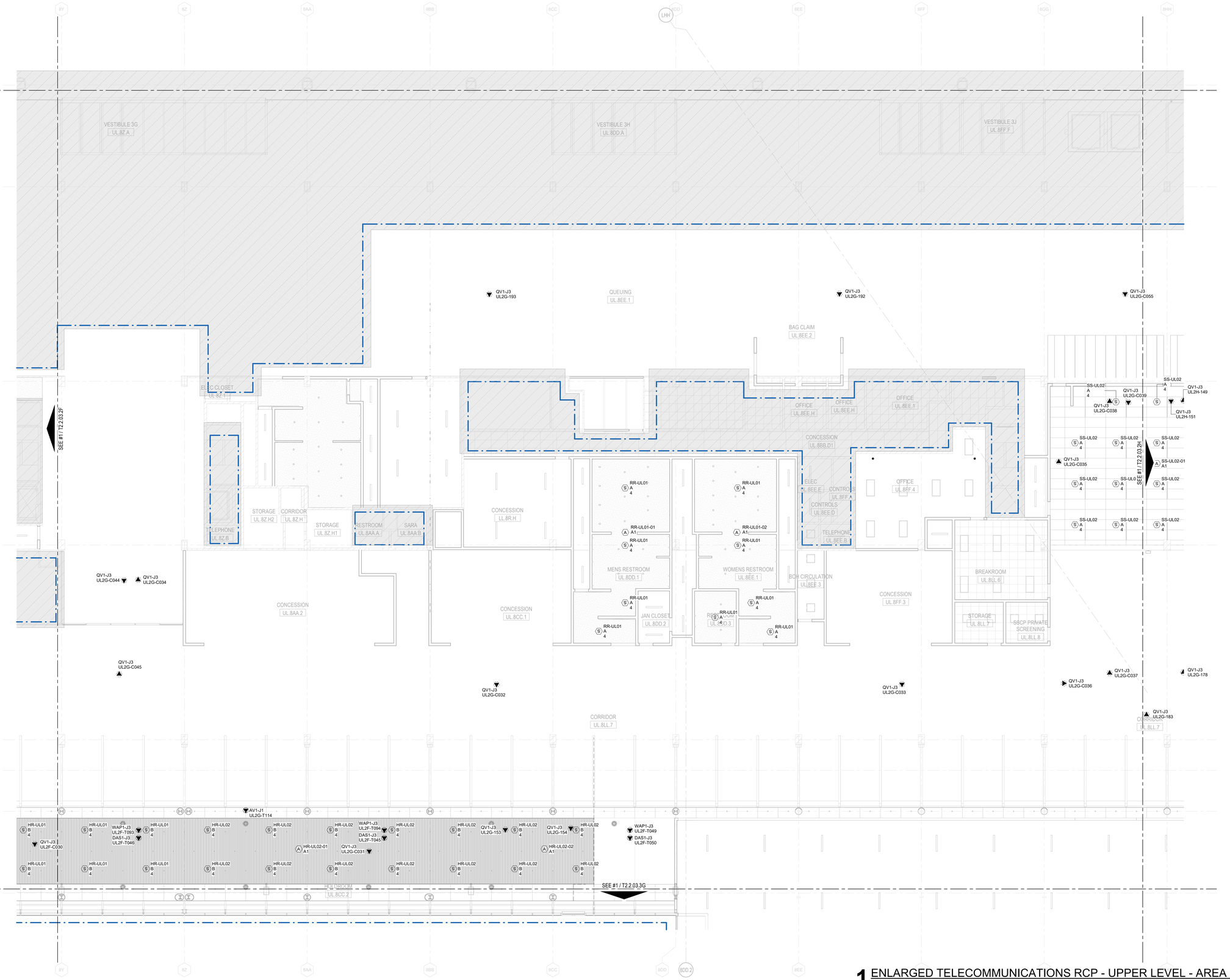

1 ENLARGED TELECOMMUNICATIONS RCP - UPPER LEVEL - AREA 2G

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
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PHASE: **DD**
REVISION: **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN

ENLARGED TELECOM REFLECTED CEILING PLAN - UPPER LEVEL - AREA 2G

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

T2.2.03.2G

3/23/2023 1:33:16 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

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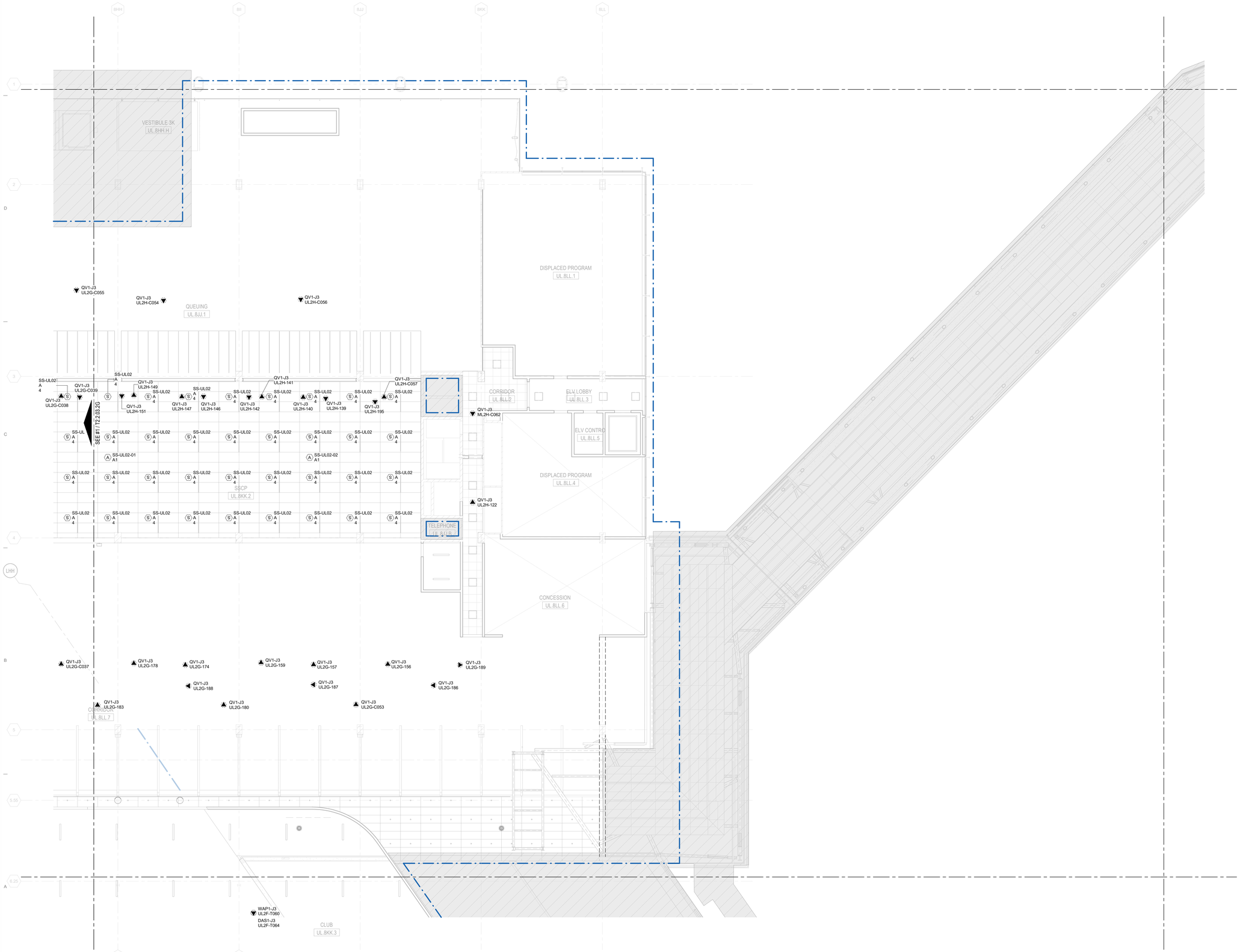

1 ENLARGED TELECOMMUNICATIONS RCP - UPPER LEVEL - AREA 2H
1/8" = 1'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
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STAMPING CONSULTANT

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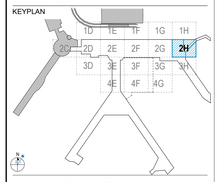
ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN



ENLARGED TELECOM REFLECTED CEILING PLAN - UPPER LEVEL - AREA 2H

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER: **T2.2.03.2H** VOLUME: **3**

3/23/2023 1:33:31 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

GENERAL NOTES:

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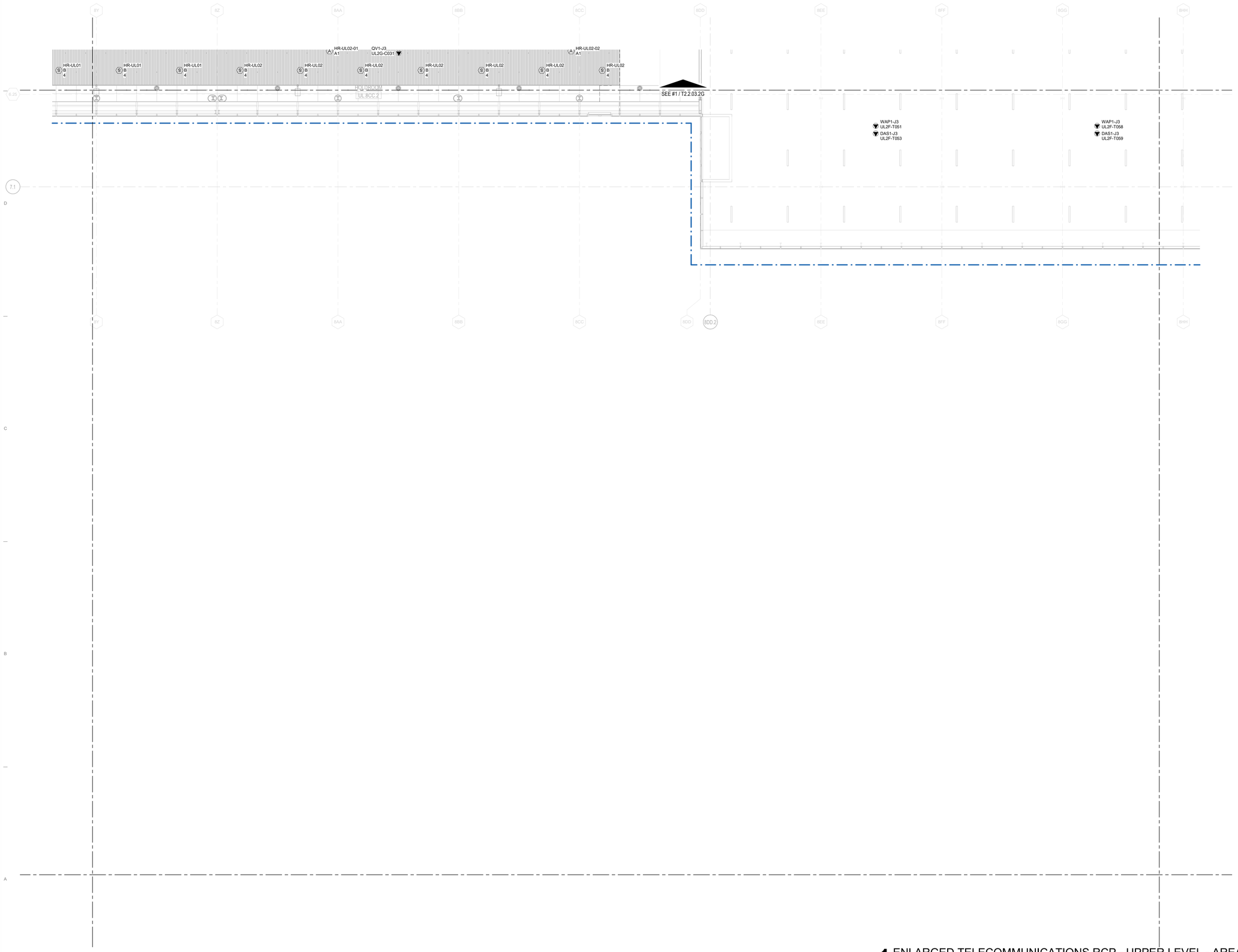

1 ENLARGED TELECOMMUNICATIONS RCP - UPPER LEVEL - AREA 3G

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

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JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

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CHICAGO, ILLINOIS 60666

PRIME CONSULTANT

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STAMPING CONSULTANT

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ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
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CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
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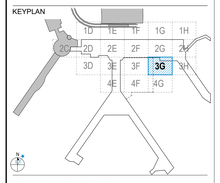
KEYPLAN



ENLARGED TELECOM REFLECTED CEILING PLAN - UPPER LEVEL - AREA 3G

DRAWN BY: **INTROBA** CHECKED BY: **CLH**

SHEET NUMBER VOLUME: **3**

T2.2.03.3G

3/23/2023 1:33:42 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

GENERAL NOTES:

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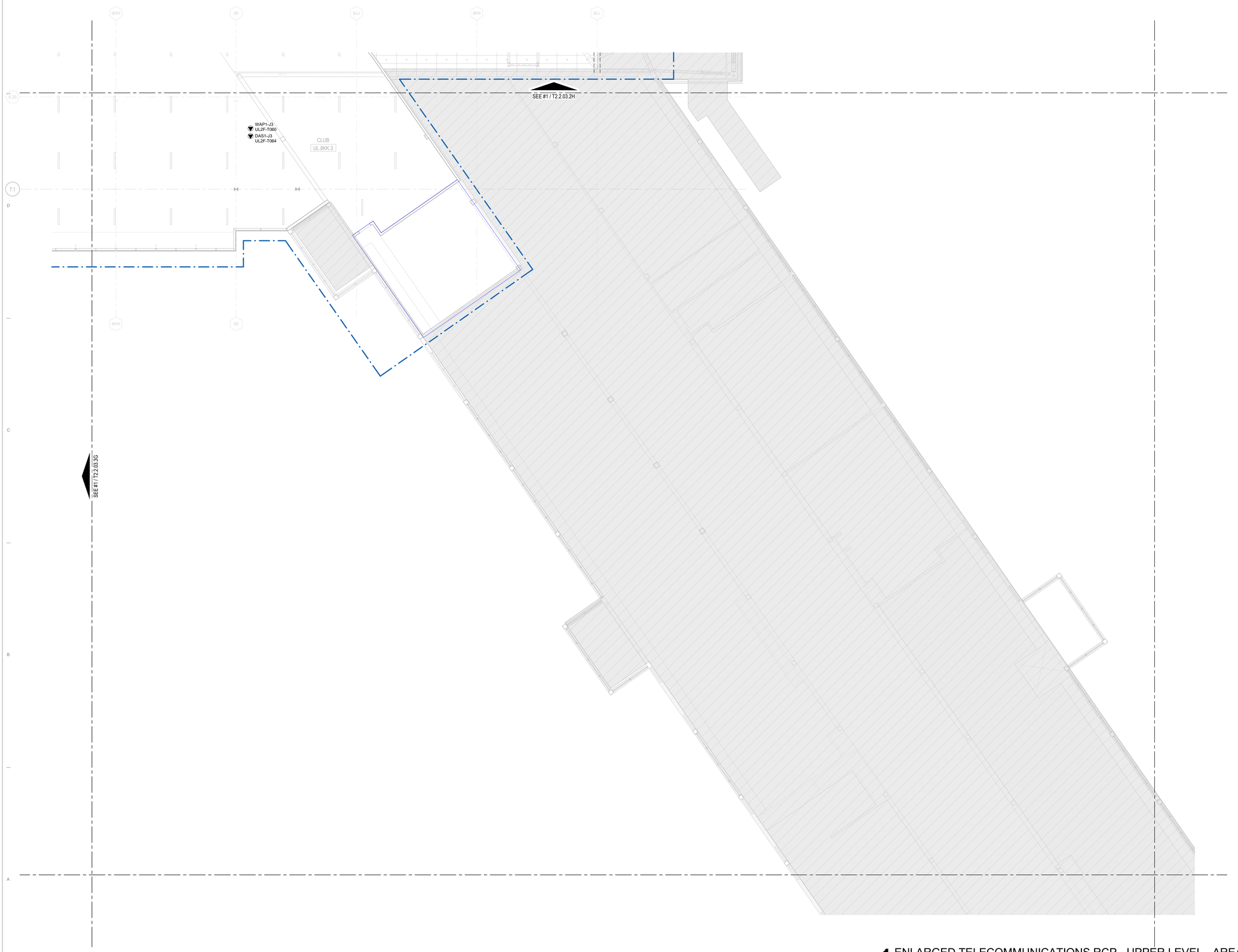

1 ENLARGED TELECOMMUNICATIONS RCP - UPPER LEVEL - AREA 3H
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
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10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT

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REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **ISSUE FOR BID**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **–**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN

ENLARGED TELECOM REFLECTED CEILING PLAN - UPPER LEVEL - AREA 3H

DRAWN BY: **INTROBA** CHECKED BY: **CLH**

SHEET NUMBER **T2.2.03.3H** VOLUME:

3/23/2023 1:33:52 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

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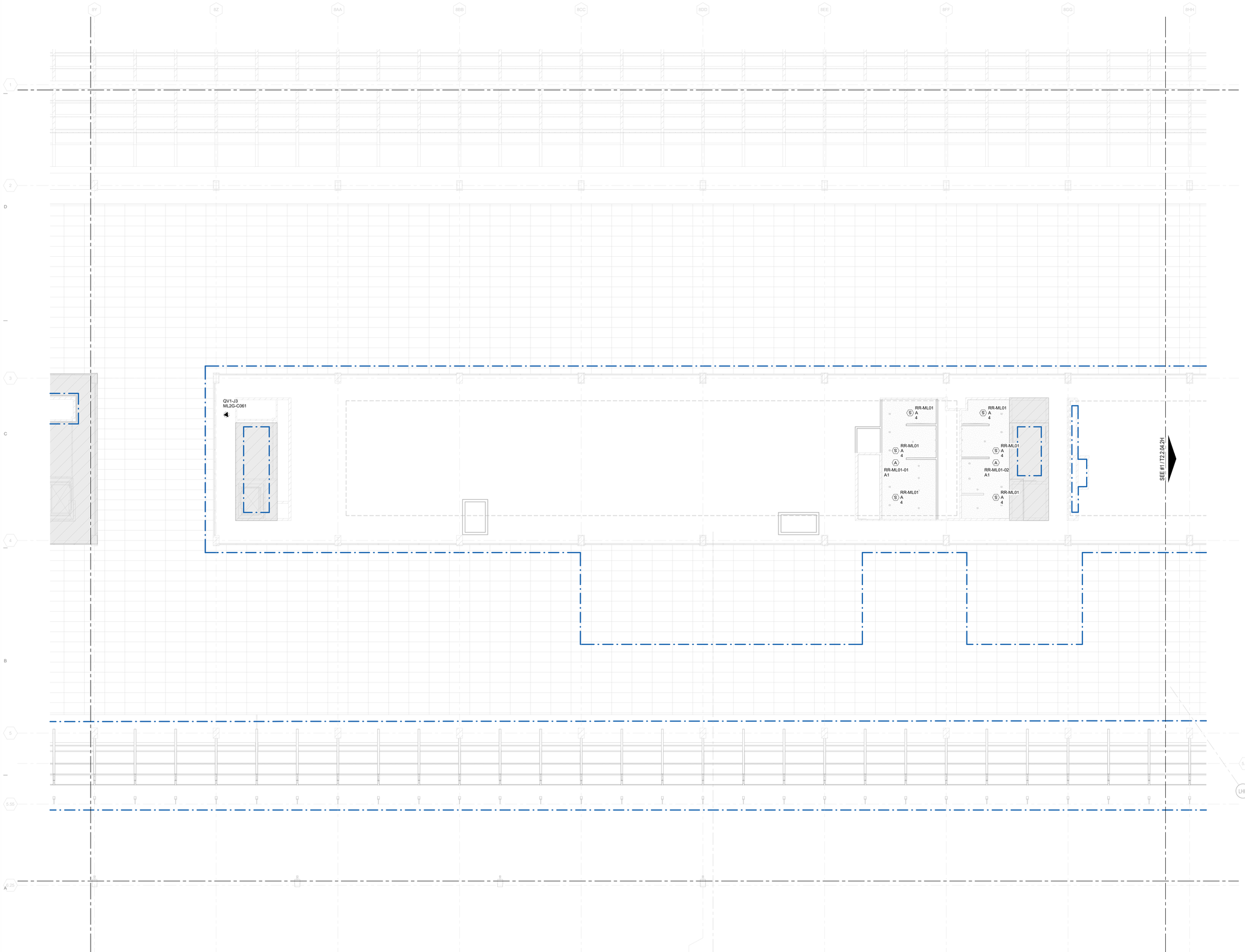

1 ENLARGED TELECOMMUNICATIONS RCP - MEZZANINE - AREA 2G
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
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JAMIE L. RHEE
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PROJECT NUMBER
H1220.23-00

PROJECT NAME
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STAMPING CONSULTANT

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REVISION

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ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
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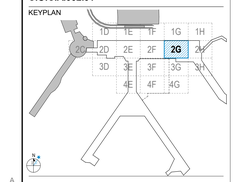
REVISION: **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

KEYPLAN



ENLARGED TELECOM REFLECTED CEILING PLAN - MEZZANINE - AREA 2G

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER: **T2.2.04.2G** VOLUME: **3**

3/23/2023 1:34:02 AM

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CONSTRUCTION PLAN LEGEND

EXISTING BUILDING TO REMAIN (NIC)

CONTRACT LIMIT

GENERAL NOTES:

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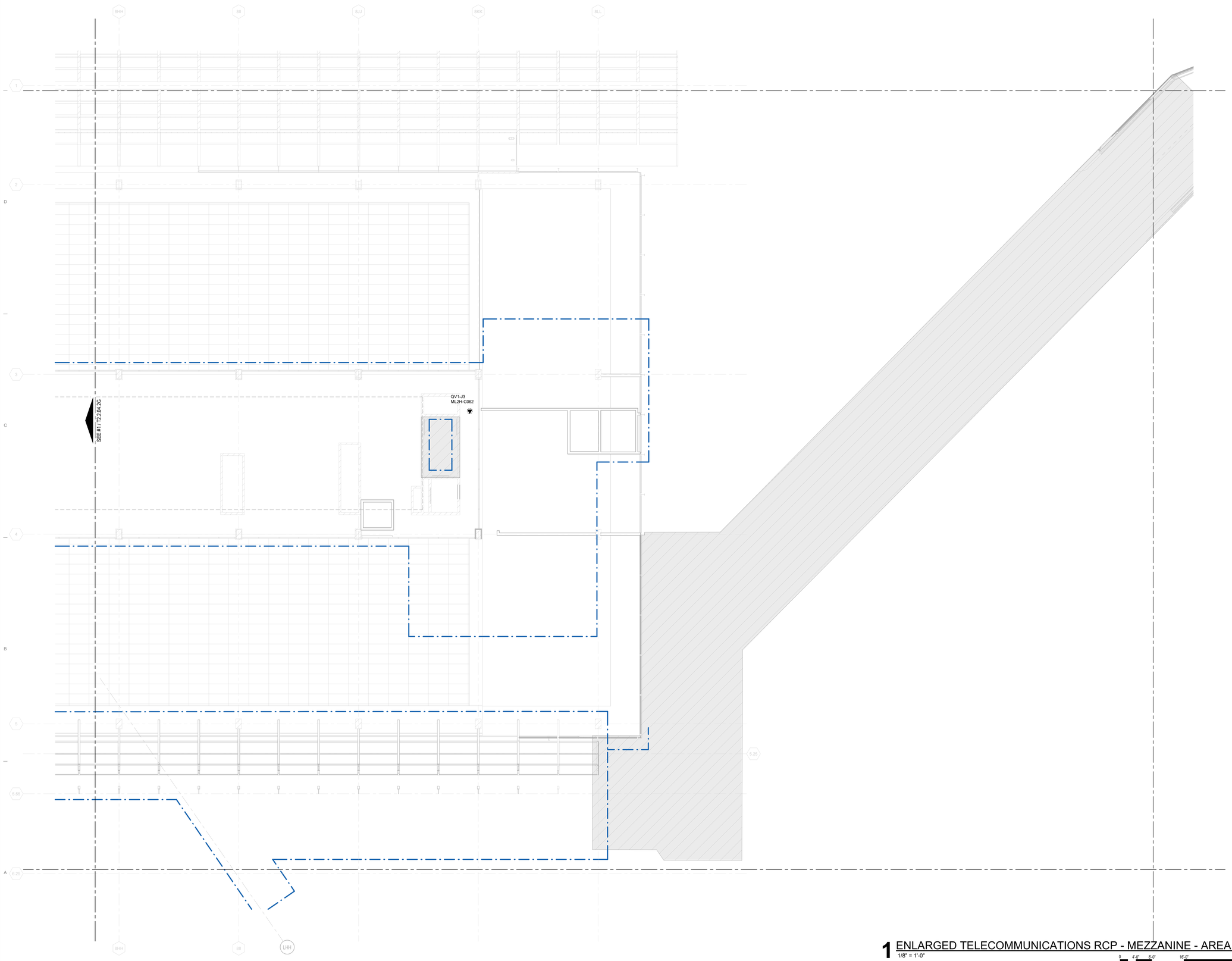

1 ENLARGED TELECOMMUNICATIONS RCP - MEZZANINE - AREA 2H
1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0" 32'-0"

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
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CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
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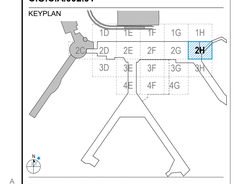

ENLARGED TELECOM REFLECTED CEILING PLAN - MEZZANINE - AREA 2H

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

T2.2.04.2H

3/23/2023 1:34:12 AM

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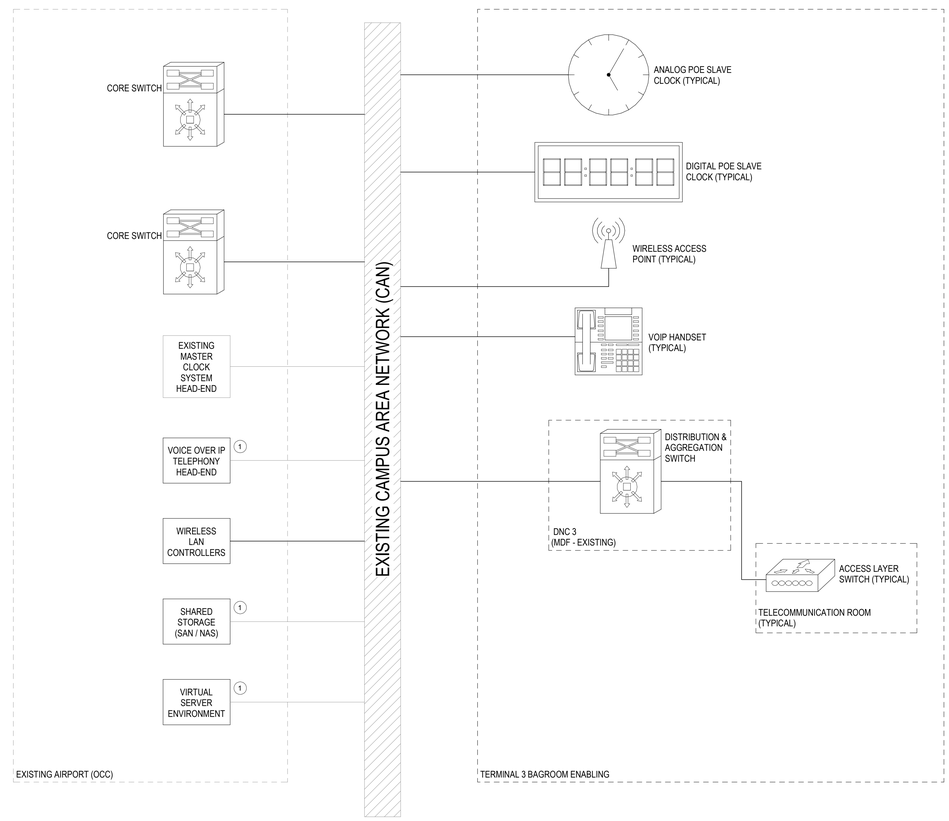
KEYED NOTES:

1. EXPANSION OF EXISTING SYSTEM.

GENERAL NOTES:

1. THIS DRAWING IS DIAGRAMMATIC IN NATURE AND SHOWS GENERAL SYSTEM CONNECTIVITY ONLY.
2. ITEMS SHOWN WITH LIGHTER LINETYPE DENOTE DEVICES THAT ARE EXISTING OR PROVIDED BY OTHERS. ITEMS SHOWN WITH DARKER LINETYPE DENOTE DEVICES TO BE PROVIDED OR EXPANDED.
3. CAMPUS AREA NETWORK REPRESENTATIVE OF AN EXISTING CONVERGED DATA NETWORK.



1A SCHEMATIC DIAGRAM - LAN.WDN.VOIP.MCS
NTS

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
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MAYOR

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PHASE	REVISION
DD	**--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SCHEMATIC DIAGRAM - LAN / WDN / VOIP / MCS

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**

T4.1.01

3/23/2023 2:13:53 AM

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GENERAL NOTES:

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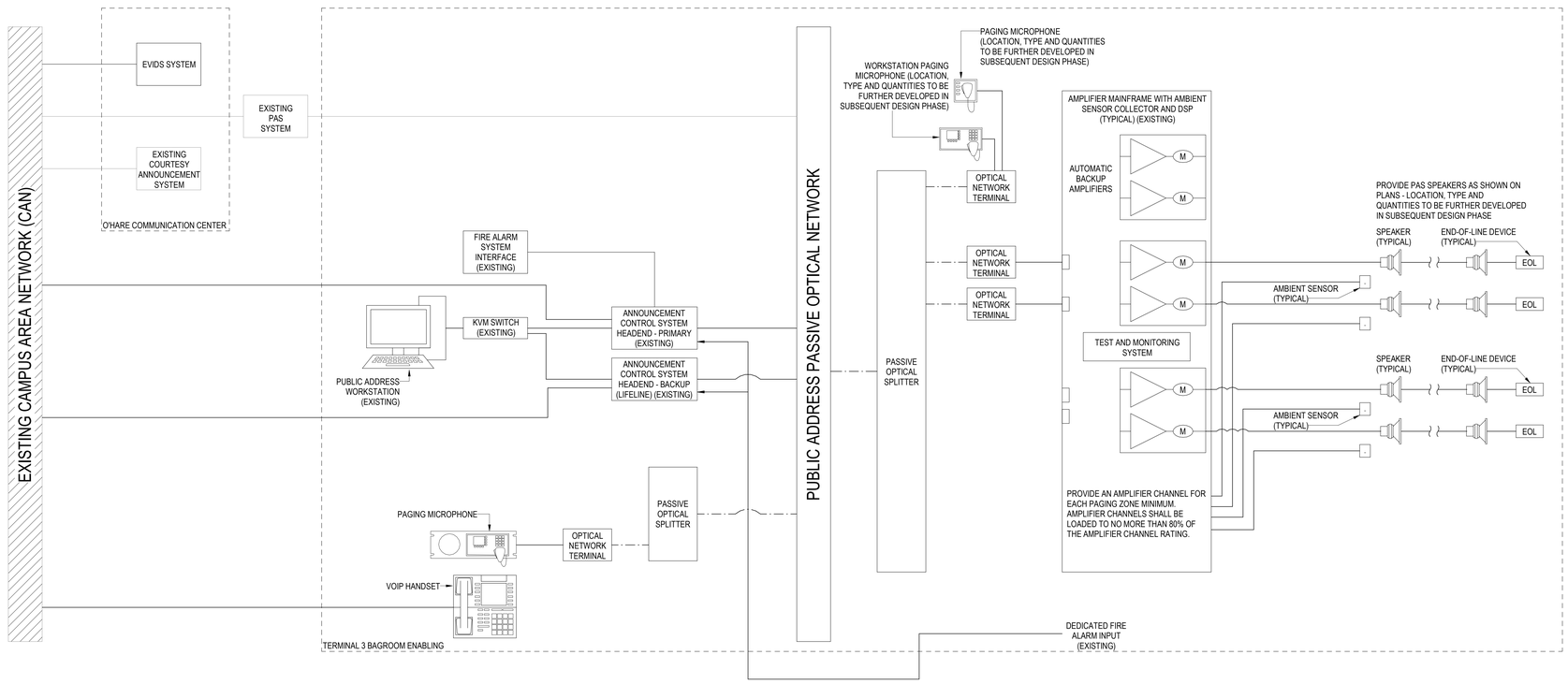
2. ITEMS SHOWN WITH LIGHTER LINETYPE DENOTE DEVICES THAT ARE EXISTING OR PROVIDED BY OTHERS. ITEMS SHOWN WITH DARKER LINETYPE DENOTE DEVICES TO BE PROVIDED OR EXPANDED.
3. CAMPUS AREA NETWORK REPRESENTATIVE OF AN EXISTING CONVERGED DATA NETWORK.

LINETYPE LEGEND:

- ETHERNET
- EXISTING ETHERNET
- FIBER
- EXISTING FIBER



1A SCHEMATIC DIAGRAM - PUBLIC ADDRESS VOICE ALARM SYSTEM
NTS

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
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CHICAGO DEPARTMENT OF AVIATION
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STAMPING CONSULTANT
Introba

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CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

SCHEMATIC DIAGRAM - PAS

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SHEET NUMBER VOLUME: **3**
T4.1.02

3/23/2023 2:13:55 AM

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KEYED NOTES:

1. PUBLIC ADDRESS SYSTEM IS EXISTING. SEE SHEET T4.1.03 FOR ADDITIONAL DETAIL.

GENERAL NOTES:

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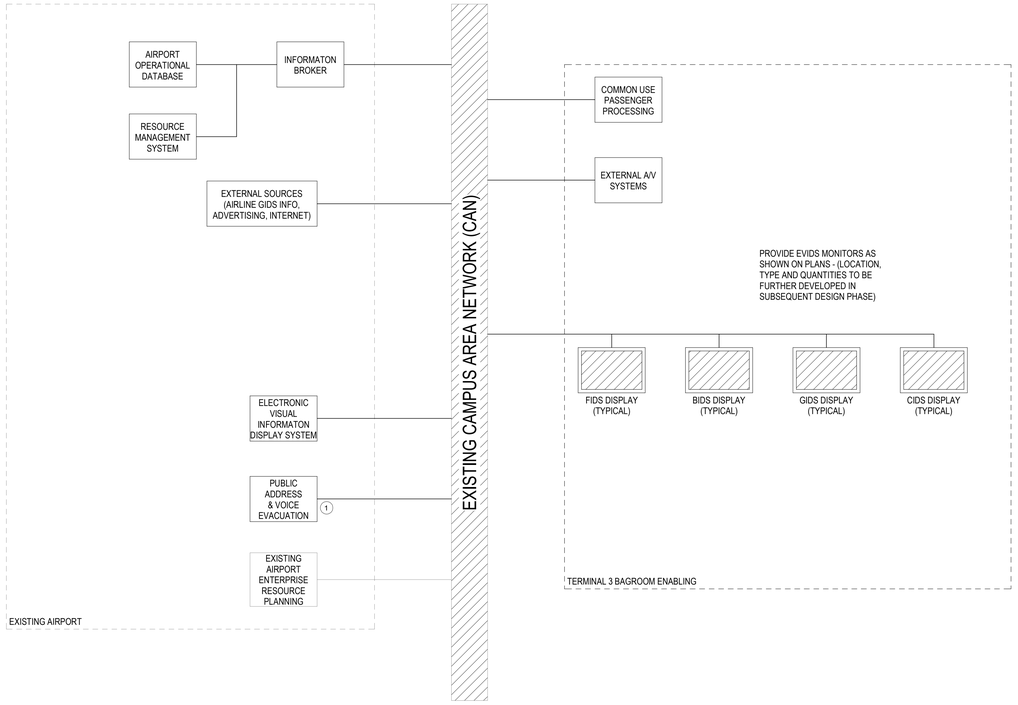

1A SCHEMATIC DIAGRAM - EVIDS
NTS

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

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SCHEMATIC DIAGRAM - EVIDS

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER
VOLUME: **3**
T4.1.03

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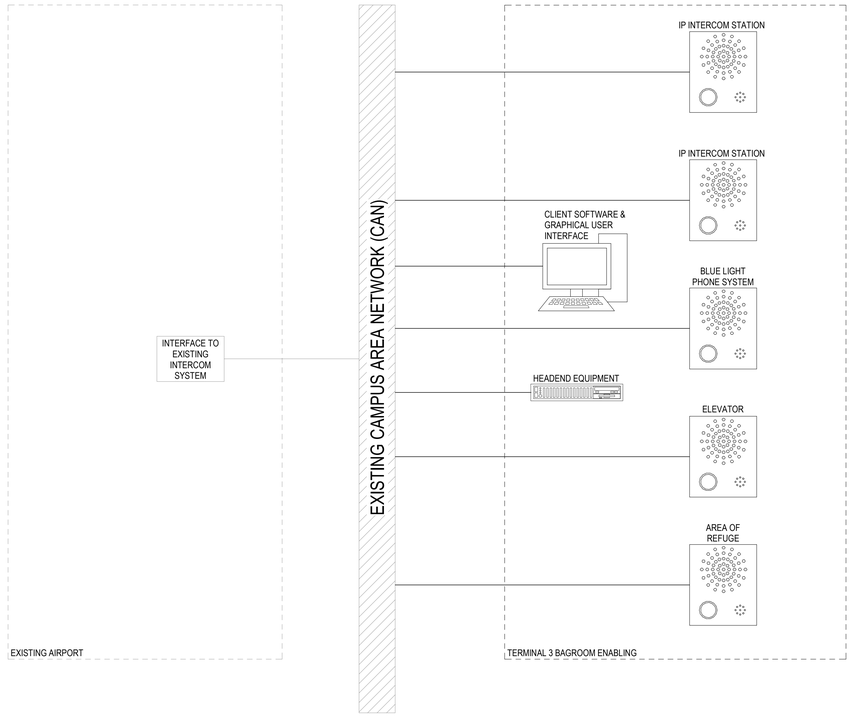
GENERAL NOTES:

1. THIS DRAWING IS DIAGRAMMATIC IN NATURE AND SHOWS GENERAL SYSTEM CONNECTIVITY ONLY.
2. ITEMS SHOWN WITH LIGHTER LINETYPE DENOTE DEVICES THAT ARE EXISTING OR PROVIDED BY OTHERS. ITEMS SHOWN WITH DARKER LINETYPE DENOTE DEVICES TO BE PROVIDED OR EXPANDED.
3. CAMPUS AREA NETWORK REPRESENTATIVE OF AN EXISTING CONVERGED DATA NETWORK.

PROVIDE IP INTERCOM STATIONS AS SHOWN ON PLANS - (LOCATION, TYPE AND QUANTITIES TO BE FURTHER DEVELOPED IN SUBSEQUENT DESIGN PHASE)



1A SCHEMATIC DIAGRAM - INTERCOM
NTS

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudiORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT
Introba

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REVISION

NO.	DATE	DESCRIPTION

ISSUANCE **60% DESIGN**
PACKAGE ISSUE DATE **03/24/2023**
PHASE **DD**
REVISION **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
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SCHEMATIC DIAGRAM - INTERCOM SYSTEM

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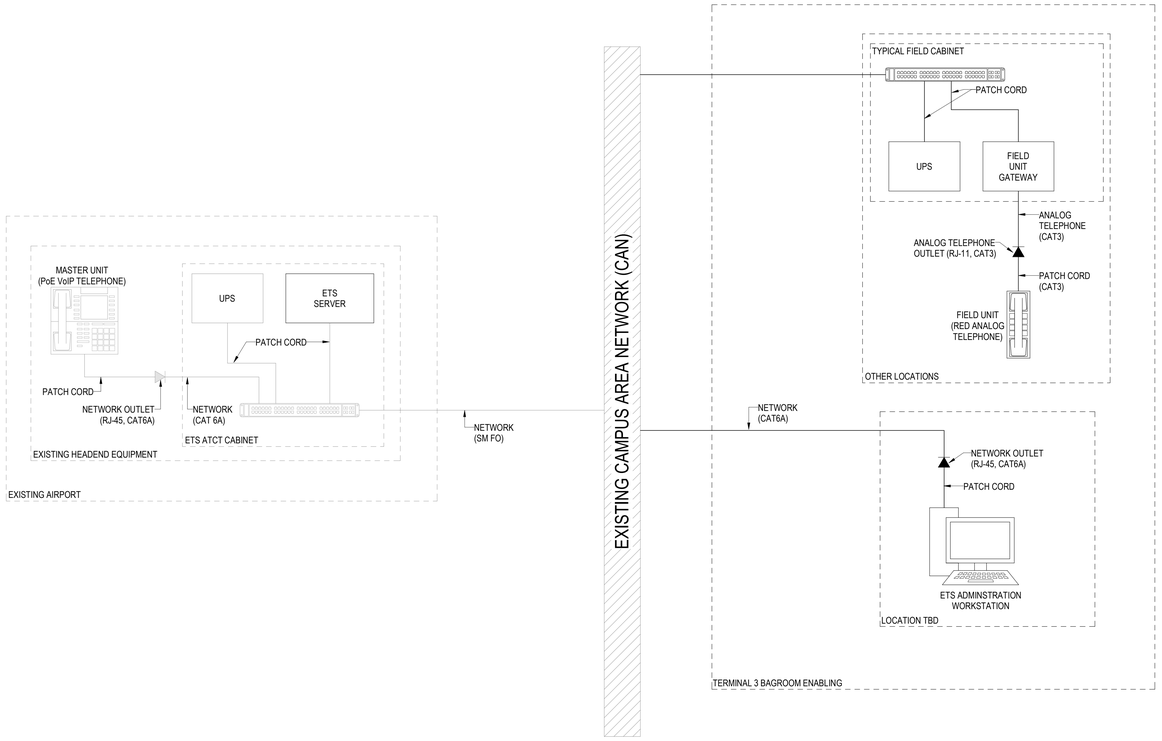
3. CAMPUS AREA NETWORK REPRESENTATIVE OF AN EXISTING CONVERGED DATA NETWORK.



1A SCHEMATIC DIAGRAM - EMERGENCY COMMUNICATION SYSTEM
NTS

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SCHEMATIC DIAGRAM - ECS

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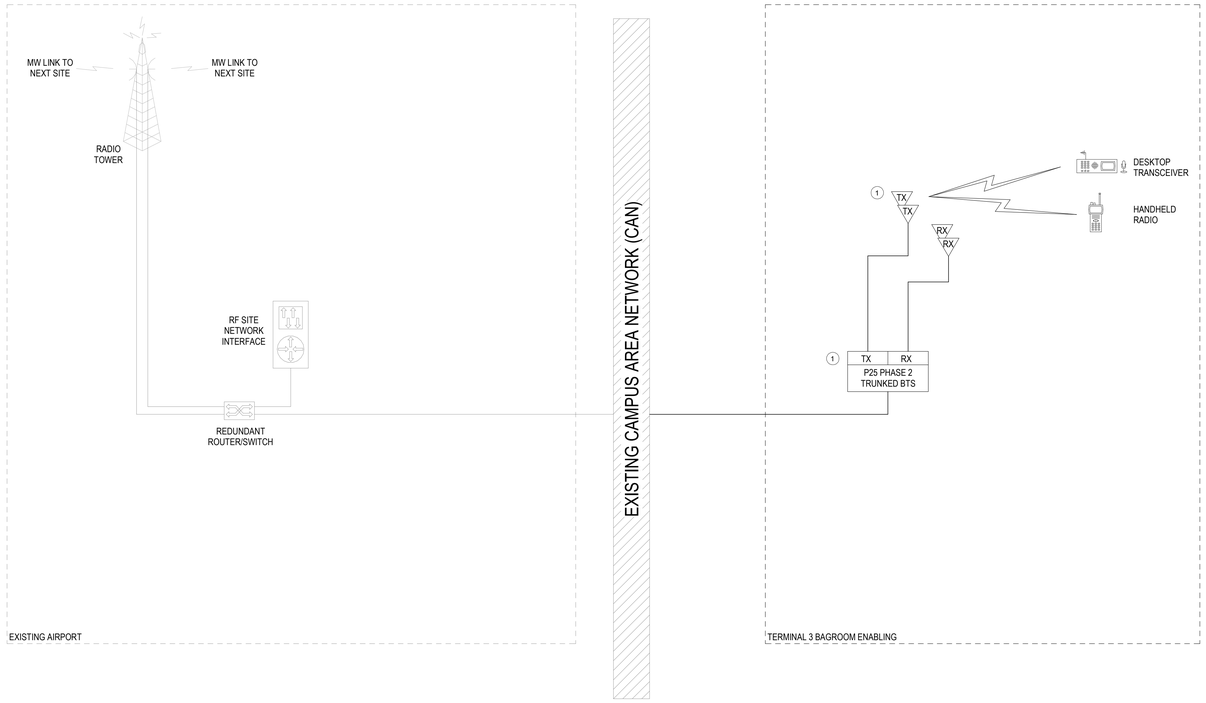
3. CAMPUS AREA NETWORK REPRESENTATIVE OF AN EXISTING CONVERGED DATA NETWORK.
4. THE PMR SYSTEM INCLUDES ALL THE EXTERIOR RADIO SYSTEMS AT THE AIRPORT. ALL THESE SYSTEMS ARE CURRENTLY OPERATIONAL AT O'HARE AIRPORT AND MAY OR MAY NOT INCLUDE ANY SCOPE IN THE T3 BAGROOM ENABLING PHASE. THE SCOPE THAT MAY POTENTIALLY BE REQUIRED IS IN CASE THE RADIO SIGNALS AT ANY EXTERIOR LOCATION IS AFFECTED BY THE CONSTRUCTION OF NEW BUILDINGS DUE TO RADIO SHADOWING OR SIGNAL DETERIORATION FOR ANY OTHER REASON.
5. A RADIO SIMULATION HAS TO BE PERFORMED BY EACH OF THE STAKEHOLDERS TO REVIEW THEIR EXISTING RADIO TOWER LOCATIONS AND RADIO SIGNALS TO SIMULATE THE EFFECT OF THE NEW BUILDINGS AND CONSTRUCTION ON THEIR SIGNALS AND TO ENSURE THAT ANY AREA THAT REQUIRES RADIO COVERAGE WILL HAVE THIS COVERAGE AT THE END OF CONSTRUCTION.
6. THE RISER DIAGRAM SHOWN HERE IS ONLY MEANT TO ACCOUNT FOR ANY SCOPE OF PROVIDING INFRASTRUCTURE INCLUDING SPACE, UTILITIES, AND COMMUNICATIONS WITH ANY RADIO BASE STATIONS REQUIRED TO EXTEND THE RADIO SIGNALS TO AREAS THAT MAY POTENTIALLY REQUIRE THEM.

(#) KEYED NOTES:

1. BTS AND ANTENNAS ARE BY STAKEHOLDERS OF RADIO SYSTEMS AS NEEDED.



1A SCHEMATIC DIAGRAM - PMR
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Introba

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SCHEMATIC DIAGRAM - PMR

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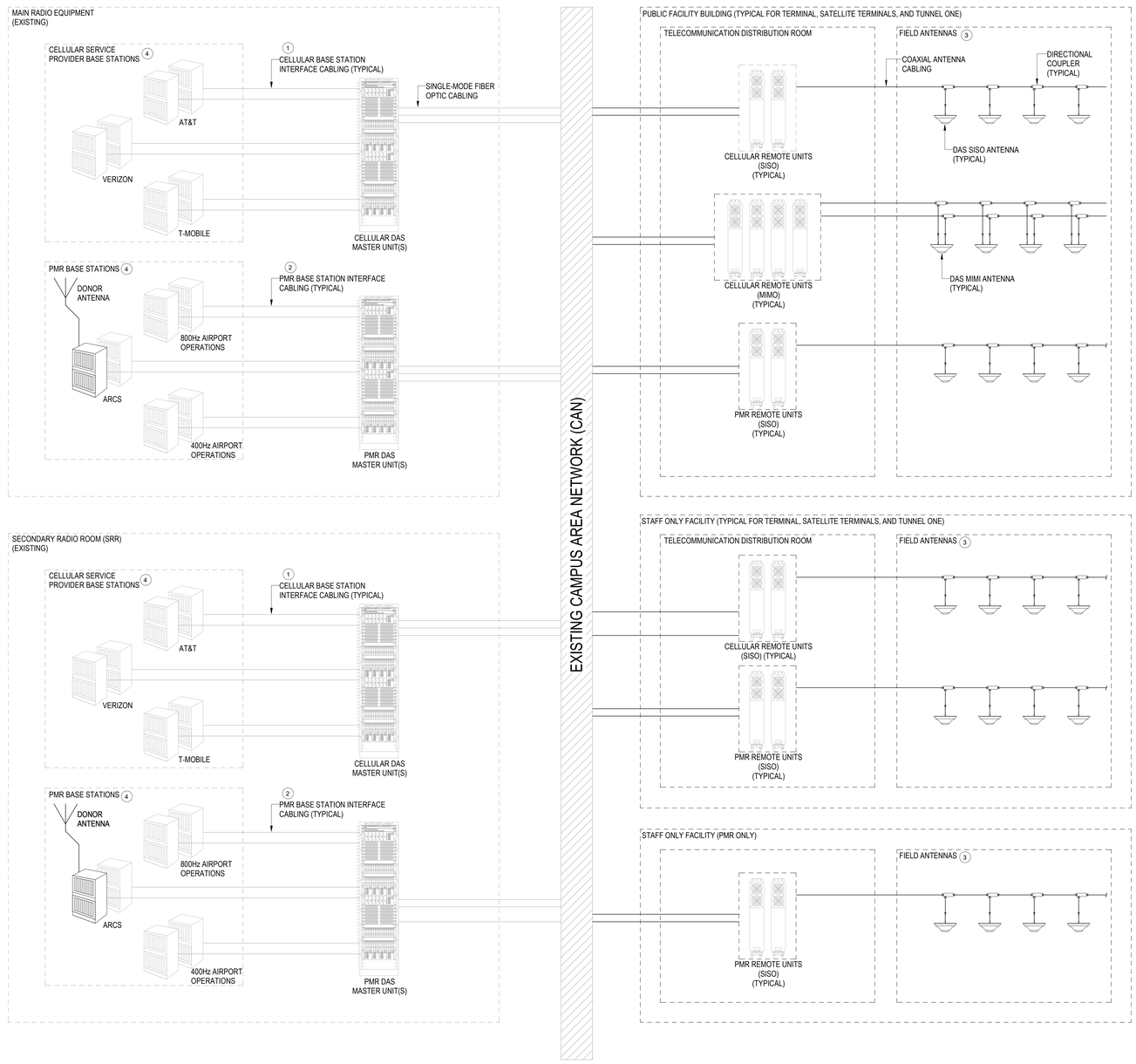
3. CAMPUS AREA NETWORK REPRESENTATIVE OF AN EXISTING CONVERGED DATA NETWORK.

KEYED NOTES:

1. CELLULAR BASE STATION INTERFACE CABLING PROVIDED BY SERVER PROVIDERS.
2. PMR BASE STATION INTERFACE CABLING PROVIDED BY PMR CONTRACTOR.
3. ANTENNA DISTRIBUTION SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL DEVELOP AN ANTENNA DISTRIBUTION CONCEPT THAT MEETS THE COVERAGE REQUIREMENTS AND UTILIZES OMNI AND DIRECTIONAL ANTENNAS AS REQUIRED.
4. CELLULAR AND PMR BASE STATIONS PROVIDED BY OTHERS.



1A SCHEMATIC DIAGRAM - DAS
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MAYOR

CHICAGO DEPARTMENT OF AVIATION
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COMMISSIONER

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SCHEMATIC DIAGRAM - DAS

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FACEPLATE TYPE DETAILS

2-PORT SURFACE OUTLET

TYPE	TYPE DESCRIPTION	DEVICE BOX TYPE	PORT 1 TYPE	PORT 2 TYPE	NOTES
ELEV1	ELEVATOR DEMARC BOX	J3	A	A	1
GEQ1	GENERAL EQUIPMENT OUTLET	J3	A	A	1
ELEV2	ELEVATOR OUTLET	J3	A	A	
AV1	CEILING MOUNT AV (FIDS, BIDS, GIDS, CIDS)	J1	A	A	
TSA1	TSA CEILING MOUNT	J3	A	A	2

NOTES:

1. COORDINATE FINAL MOUNTING HEIGHT AND LOCATION WITH END DEVICE INSTALLER. (1) DATA PORT FOR ISC AND (1) DATA PORT FOR SUPERVISED POWER SUPPLY.
2. TSA OUTLET TO BE CABLED TO TO NEW SSCP CDA SERVER ROOM.

KEYSTONE JACK

TYPE	TYPE DESCRIPTION	DEVICE BOX TYPE	PORT 1 TYPE	NOTES
QV1	CEILING-MOUNTED END DEVICE	J4	A	1
QV2	WALL-MOUNTED END DEVICE	J4	A	1
SMF1	12 STRAND SMFO (TENANT)	J14	B	2
DAS1	DAS ANTENNA	J3 / J4	A	3
WAP1	WIRELESS ACCESS POINT	J3 / J4	A	3

NOTES:

1. COORDINATE FINAL MOUNTING HEIGHT AND LOCATION WITH END DEVICE INSTALLER.
2. KEYSTONE JACKS AS REQUIRED BY FIBER QUANTITY.
3. REFER TO TELECOM PLANS FOR DEVICE BOX TYPE.

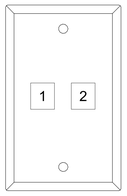
1-PORT FACEPLATE

TYPE	TYPE DESCRIPTION	DEVICE BOX TYPE	PORT 1 TYPE	NOTES
VOIP	VOICE OVER IP TELEPHONE	J1	A	1
ANLG	ANALOG TELEPHONE LINE	J1	A	

NOTES:

1. COORDINATE FINAL MOUNTING HEIGHT AND LOCATION WITH END DEVICE INSTALLER. RING-DOWN PHONE SHALL CONNECT TO THE OCC.

2-PORT FACEPLATE

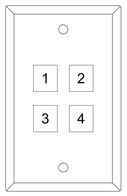


TYPE	TYPE DESCRIPTION	DEVICE BOX TYPE	PORT 1 TYPE	PORT 2 TYPE	NOTES
AED	AUTOMATIC EXTERNAL DEFIBRILLATOR	J1	A	A	3
AV2	WALL MOUNT AV (FIDS, BIDS, GIDS, CIDS)	J1	A	A	2
CNV1	CONVENIENCE OUTLET	J1	A	A	1
ESC	ESCALATOR 2 PORT OUTLET	J1	A	A	

NOTES:

1. COORDINATE FINAL MOUNTING HEIGHT AND LOCATION WITH LOCATION OF ELECTRICAL OUTLETS.
2. COORDINATE FINAL MOUNTING HEIGHT AND LOCATION WITH AV CONTRACTOR.
3. COORDINATE FINAL MOUNTING HEIGHT AND LOCATION WITH END DEVICE INSTALLER.

4-PORT FACEPLATE

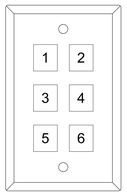


TYPE	TYPE DESCRIPTION	DEVICE BOX TYPE	PORT 1 TYPE	PORT 2 TYPE	PORT 3 TYPE	PORT 4 TYPE	NOTES
WKS1	WORKSTATION	J1	A	A	A	A	1
GCR	GATE COUNTER 4 PORT OUTLET	J1	A	A	A	A	2

NOTES:

1. COORDINATE FINAL MOUNTING HEIGHT AND LOCATION WITH LOCATION OF ELECTRICAL OUTLETS.
2. GATE COUNTER DATA OUTLETS CABLED TO AND SERVED BY LOCAL GATE COUNTER SWITCH.

6-PORT FACEPLATE



TYPE	TYPE DESCRIPTION	DEVICE BOX TYPE	PORT 1 TYPE	PORT 2 TYPE	PORT 3 TYPE	PORT 4 TYPE	PORT 5 TYPE	PORT 6 TYPE	NOTES
CNV3	CONVENIENCE OUTLET	J1	A	A	A	A	A	A	1

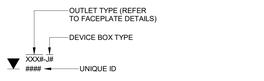
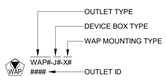
NOTES:

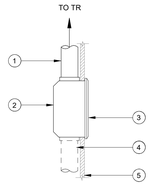
1. COORDINATE MOUNTING HEIGHT AND LOCATION WITH FINAL LOCATION OF ELECTRICAL OUTLETS.

PORT TYPE DESCRIPTION

APPEARANCE	DESIGNATOR	MODULAR JACK DESCRIPTION	CABLING	APPEARANCE	DESIGNATOR	MODULAR JACK DESCRIPTION	CABLING
	A	CATEGORY 6A, 8-POSITION 8-CONTACT, NON-KEYED	4-PAIR CATEGORY 6A UTP		B	SINGLE MODE DUPLEX LC JACK	SINGLE MODE FIBER
	X	BLANK INSERT	NOT APPLICABLE				

DATA DEVICE ID SCHEME

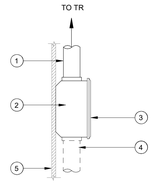
DATA OUTLET	WIRELESS ACCESS POINT
	



(#) DETAIL NOTES:

1. PROVIDE DATA CABLE(S) IN MINIMUM 1" (25mm) RIGID CONDUIT CONCEALED WITHIN WALL TO ASSOCIATED TELECOM ROOM. REFER TO FACEPLATE DETAILS FOR CABLE TYPE(S) AND QUANTITY. REFER TO CONDUIT TERMINATION DETAIL WHERE CONDUIT IS SERVING CABLES FROM CABLE TRAY.
2. MINIMUM 4" (150mm) SQUARE X 3" (75mm) DEEP DEVICE BOX. PROVIDE RAISED MUD RING FOR DEVICES THAT REQUIRE ADDITIONAL DEPTH.
3. REFER TO FACEPLATE DETAILS FOR PORT CONFIGURATION.
4. DASHED LINES INDICATE ALTERNATE CONDUIT/CABLE ROUTING PATH.
5. FINISHED WALL OR CASEWORK SURFACE.

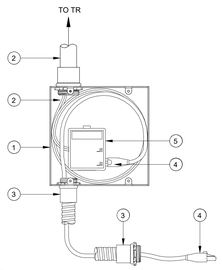
1 DEVICE BOX TYPE J1 FLUSH MOUNT
NTS



(#) DETAIL NOTES:

1. PROVIDE DATA CABLE(S) IN MINIMUM 1" (25mm) RIGID CONDUIT MOUNTED TIGHT TO WALL TO ASSOCIATED TELECOM ROOM. REFER TO FACEPLATE DETAILS FOR CABLE TYPE(S) AND QUANTITY. REFER TO CONDUIT TERMINATION DETAIL WHERE CONDUIT IS SERVING CABLES FROM CABLE TRAY.
2. MINIMUM 4" (150mm) SQUARE X 3" (75mm) DEEP DEVICE BOX. PROVIDE RAISED MUD RING FOR DEVICES THAT REQUIRE ADDITIONAL DEPTH.
3. REFER TO FACEPLATE DETAILS FOR PORT CONFIGURATION.
4. DASHED LINES INDICATE ALTERNATE CONDUIT/CABLE ROUTING PATH.
5. WALL, COLUMN, OR CASEWORK SURFACE.

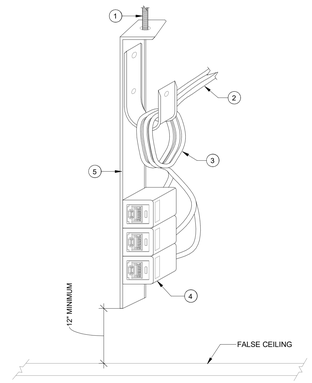
2 DEVICE BOX TYPE J2 SURFACE MOUNT
N.T.S.



(#) DETAIL NOTES:

1. MINIMUM 6" (150mm) SQUARE X 3" (75mm) DEEP DEVICE BOX INSTALLED IN ACCESSIBLE LOCATION. PROVIDE COVER AND SECURE TO ENCLOSURE.
2. PROVIDE CAT6A UTP DATA CABLING (QUANTITY AS INDICATED IN FACEPLATE DETAILS AND OUTLET SCHEDULE) IN 1" (25mm) RIGID CONDUIT TO ASSOCIATED TELECOM ROOM. COIL MINIMUM 6" (150mm) OF SLACK FOR INSTALLED HORIZONTAL CABLE IN JUNICTION BOX.
3. END DEVICE FLEX OR SOLID CONDUIT PROVIDED AND INSTALLED BY END DEVICE INSTALLER WHERE DEVICE IS NOT MOUNTED TO DEVICE BOX.. REFER TO END DEVICE MOUNTING DETAILS FOR ADDITIONAL INFORMATION.
4. END DEVICE PATCH CORD PROVIDED AND INSTALLED BY END DEVICE INSTALLER. REFER TO END DEVICE MOUNTING DETAILS FOR ADDITIONAL INFORMATION.
5. 2-PORT SURFACE OUTLET. FIX IN PLACE INSIDE JUNCTION BOX. LOCATE AS NECESSARY TO MAINTAIN MAXIMUM CABLE BEND RADIUS. REFER TO FACEPLATE DETAILS FOR PORT CONFIGURATION.

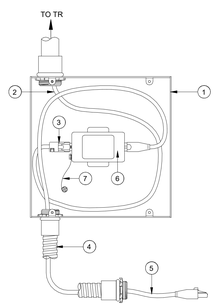
3 DEVICE BOX TYPE J3 INTERIOR TERMINATED 2-DATA
N.T.S.



(#) DETAIL NOTES:

1. THREADED ROD TO SLAB ABOVE.
2. CAT6A UTP CABLE(S) ROUTED THROUGH CEILING SPACE TO NEAREST CABLE TRAY OR COMM ROOM.
3. PROVIDE MINIMUM 8' SERVICE LOOP.
4. CAT6A UTP KEYSTONE DATA JACK MOUNTED ON DIN RAIL. PROVIDE QUANTITY AS REQUIRED BASED ON FACEPLATE DETAILS AND OUTLET SCHEDULES. PROVIDE ADHESIVE LABEL ON EACH JACK.
5. EXTENDED FIELD FABRICATED J-HOOK ANLGE BRACKET.REFER TO WLAN MOUNTING DETAILS SHEET TT74.1 FOR ADDITIONAL MOUNTING BRACKET REQUIREMENTS FOR ABOVE-CEILING WAPs.
6. VELCRO WRAP CABLE TO J-HOOK.

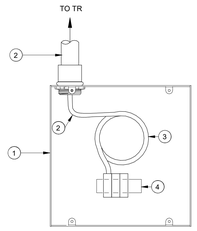
4 DEVICE BOX TYPE J4 DIRECT CONNECTION FLUSH MOUNT
NTS



(#) DETAIL NOTES:

1. MINIMUM 8" (200mm) SQUARE X 3" (75mm) DEEP DEVICE BOX INSTALLED IN ACCESSIBLE LOCATION. PROVIDE COVER AND SECURE TO ENCLOSURE.
2. PROVIDE CAT6A UTP DATA CABLES (QUANTITY AS INDICATED IN FACEPLATE DETAILS AND OUTLET SCHEDULE) IN 1" (25mm) RIGID CONDUIT TO ASSOCIATED TELECOM ROOM. COIL MINIMUM 6" (150mm) OF SLACK FOR INSTALLED HORIZONTAL CABLE IN JUNICTION BOX.
3. TERMINATE HORIZONTAL CABLING TO DIRECT-ATTACH FIELD MOUNT PLUG AND PLUG INTO SURGE SUPPRESSOR(S).
4. END DEVICE FLEX OR SOLID CONDUIT PROVIDED AND INSTALLED BY END DEVICE INSTALLER. REFER TO END DEVICE MOUNTING DETAILS FOR ADDITIONAL INFORMATION.
5. END DEVICE PATCH CORD PROVIDED AND INSTALLED BY END DEVICE INSTALLER. REFER TO END DEVICE MOUNTING DETAILS FOR ADDITIONAL INFORMATION.
6. PROVIDE DATA-GRADE SURGE PROTECTOR RATED FOR CAT6A CABLING SECURELY MOUNTED INSIDE DEVICE BOX. LOCATE AS NECESSARY TO MAINTAIN MAXIMUM CABLE BEND RADIUS. PROVIDE (1) SURGE PROTECTOR FOR EACH CAT6A CABLE.
7. BOND SURGE PROTECTOR TO THE TELECOM GROUNDING SYSTEM PER MANUFACTURER'S RECOMMENDATIONS.

5 DEVICE BOX TYPE J13 INTERIOR TERMINATED 2-DATA WITH SURGE SUPPRESSION
NTS



(#) DETAIL NOTES:

1. MINIMUM 12" (300mm) SQUARE X 3" (75mm) DEEP DEVICE BOX INSTALLED IN ACCESSIBLE LOCATION. PROVIDE COVER AND SECURE TO ENCLOSURE.
2. PROVIDE SMFO CABLING (QUANTITY AS INDICATED IN FACEPLATE DETAILS AND OUTLET SCHEDULE) IN 1" (25mm) RIDGID CONDUIT TO ASSOCIATED TELECOM ROOM.
3. PROVIDE FIBER SPOOL AND COIL MINIMUM 10' OF SLACK.
4. TERMINATE FIBER ON DIN RAIL MOUNTED KEYSTONE JACKS (QTY AS REQUIRED).

6 DEVICE BOX TYPE J14 INTERIOR TERMINATED FIBER OPTIC
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TELECOM FACEPLATE AND DEVICE BOX DETAILS

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SHEET NUMBER VOLUME: **3**
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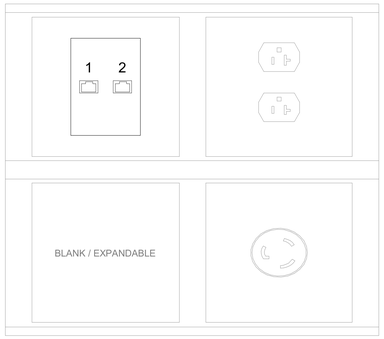
FACEPLATE TYPE DETAILS

TSA FRONT XRAY PEDESTAL TYPE A

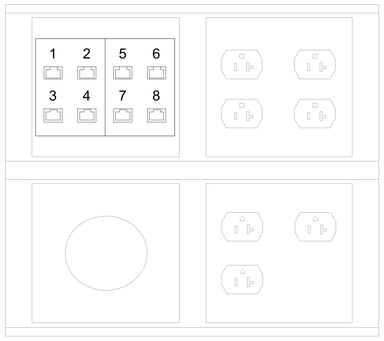


TYPE	TYPE DESCRIPTION	DEVICE BOX TYPE	PORT 1 TYPE	PORT 2 TYPE	NOTES
TSA-A	TSA FRONT OUTLET	J9	A	A	1

NOTES:

1. (2) CAT6A TO NEW SSCP IT ROOM.

TSA REAR XRAY PEDESTAL TYPE B

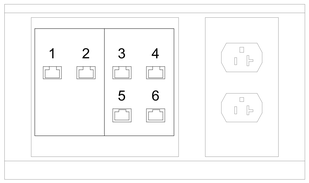


TYPE	TYPE DESCRIPTION	DEVICE BOX TYPE	PORT 1 TYPE	PORT 2 TYPE	PORT 3 TYPE	PORT 4 TYPE	PORT 5 TYPE	PORT 6 TYPE	PORT 7 TYPE	PORT 8 TYPE	NOTES
TSA-B	TSA REAR XRAY OUTLET	J9	A	A	A	A	A	A	A	A	1

NOTES:

1. (6) CAT6A TO NEW SSCP IT ROOM, (2) CAT6A TO AVS/ETD/BLS/AVS/AVS - C OUTLET

TSA AVS/ETD/BLS OR CT SERVER PEDESTAL TYPE C



TYPE	TYPE DESCRIPTION	DEVICE BOX TYPE	PORT 1 TYPE	PORT 2 TYPE	PORT 3 TYPE	PORT 4 TYPE	PORT 5 TYPE	PORT 6 TYPE	NOTES
TSA-C	TSA AVS/ETD/BLS/AVS/AVS - C	J9	A	A	A	A	A	A	1

NOTES:

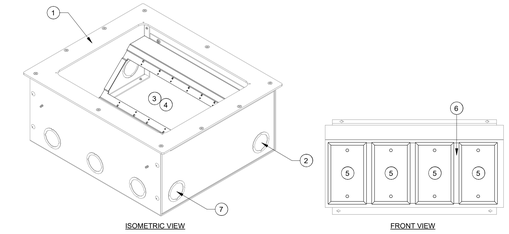
1. (4) CAT6A TO NEW SSCP IT ROOM, (2) CAT6A TO REAR XRAY OUTLET - B (WHERE PRESENT SUCH AS SCREENING LANE)

PORT TYPE DESCRIPTION

APPEARANCE	DESIGNATOR	MODULAR JACK DESCRIPTION	CABLING	APPEARANCE	DESIGNATOR	MODULAR JACK DESCRIPTION	CABLING
	A	CATEGORY 6, 8-POSITION 8-CONTACT, NON-KEYED	4-PAIR CATEGORY 6 UTP		B	SINGLE MODE DUPLEX LC JACK	SINGLE MODE FIBER
	X	BLANK INSERT	NOT APPLICABLE				

DATA DEVICE ID SCHEME

DATA OUTLET	FLOOR BOX	
OUTLET TYPE (REFER TO FACEPLATE DETAILS) DEVICE BOX TYPE XXX#-J# #### — UNIQUE ID	OUTLET TYPE (REFER TO FACEPLATE DETAILS) DEVICE BOX TYPE XXX#-J# #### — UNIQUE ID	

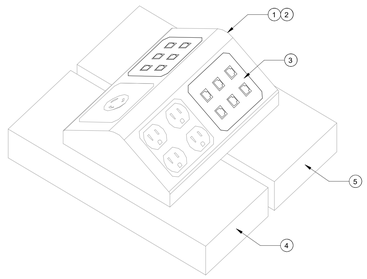


(#) DETAIL NOTES:

1. FLOOR BOX BY OTHERS. REFER TO STRUCTURED CABLING SYSTEM DETAILS FOR ADDITIONAL FLOOR BOX DETAILS.
2. PROVIDE DATA CABLES IN 2" (50mm) CONDUIT TO ASSOCIATED TELECOM ROOM. TERMINATE CONDUIT ON COMMUNICATIONS SIDE OF BOX. COIL MINIMUM 6" (150mm) OF SLACK FOR INSTALLED HORIZONTAL CABLE IN FLOOR BOX. REFER TO FACEPLATE DETAILS FOR CABLING TYPES AND QUANTITIES.
3. REFER TO FRONT VIEW FOR ADDITIONAL INFORMATION.
4. CONTRACTOR TO PROVIDE ALL REQUIRED HARDWARE AND ACCESSORIES FOR COMPLETE INSTALLATION AND PROTECTION OF CABLING INCLUDING BUT NOT LIMITED TO GROMMETS, BLANK PLATES, AND SPACER PLATES.
5. STANDARD SINGLE GANG FACEPLATE. REFER TO FACEPLATE DETAILS FOR CABLE TYPE AND QUANTITY. CONTRACTOR SHALL INSTALL FLOOR BOX BLANK PLATES WHERE FACEPLATE DETAILS SHOW NO FACEPLATE.
6. BLANK PLATE(S) AS REQUIRED.
7. ELECTRICAL POWER PATHWAY. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

1 DEVICE BOX TYPE J8 FLOOR BOX

NTS



(#) DETAIL NOTES:

1. FLOOR BOX BY OTHERS. REFER TO STRUCTURED CABLING SYSTEM DETAILS FOR ADDITIONAL FLOOR BOX DETAILS.
2. CONTRACTOR TO PROVIDE ALL REQUIRED HARDWARE AND ACCESSORIES FOR COMPLETE INSTALLATION AND PROTECTION OF CABLING INCLUDING BUT NOT LIMITED TO GROMMETS, BLANK PLATES, AND SPACER PLATES.
3. REFER TO FACEPLATE DETAILS ON SHEET TT71.1 FOR CABLE TYPE AND QUANTITY. CONTRACTOR SHALL INSTALL FLOOR BOX BLANK PLATES WHERE FACEPLATE DETAILS SHOW NO FACEPLATE.
4. ELECTRICAL PORTION OF UNDERFLOOR RACEWAY. COORDINATE CABLING PATHWAY AND OUTLET CONFIGURATION WITH ELECTRICAL CONTRACTOR. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. TELECOM PORTION OF UNDERFLOOR RACEWAY. COORDINATE CABLING DESTINATION WITH OUTLET SCHEDULES AND FACEPLATE DETAILS. REFER TO TT71.3 FOR ADDITIONAL FACEPLATE CONFIGURATIONS.

2 DEVICE BOX TYPE J9 - TSA MULTIPLEX SURFACE BOX

NTS

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NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE: **C.O.C.A.002.01**

TELECOM FACEPLATE AND DEVICE BOX DETAILS

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**
T7.1.02

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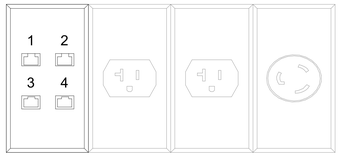
FACEPLATE TYPE DETAILS

TSA SINGLE LANE WALL OUTLET TYPE D

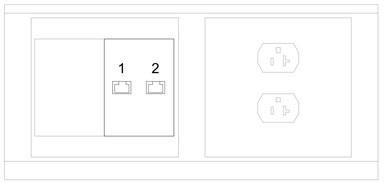


TYPE	TYPE DESCRIPTION	DEVICE BOX TYPE	PORT 1 TYPE	PORT 2 TYPE	PORT 3 TYPE	PORT 4 TYPE	NOTES
TSA-D	TSA SINGLE LANE WALL OUTLET	J1	A	A	A	A	1,2

NOTES:

1. SEE SHEET T8.1.02 FOR ADDITIONAL FACEPLATE AND OUTLET DETAILS.
2. (4) CAT6A TO NEW SSCP IT ROOM.

TSA PRIVATE SCREENING ROOM TYPE E AND TSA OFFICE TYPE H OUTLETS

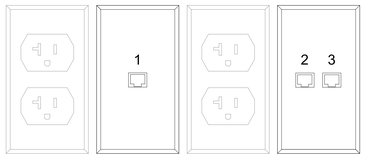


TYPE	TYPE DESCRIPTION	DEVICE BOX TYPE	PORT 1 TYPE	PORT 2 TYPE	NOTES
TSA-E	TSA PRIVATE SCREENING ROOM OUTLET	J9	A	A	1,2
TSA-H	TSA OFFICE	J9	A	A	2

NOTES:

1. SEE SHEET T8.1.02 FOR ADDITIONAL FACEPLATE AND OUTLET DETAILS.
2. (2) CAT6A TO NEW SSCP IT ROOM.

DURESS ALARM AND CHRONOS CLOCK OUTLET TYPE F

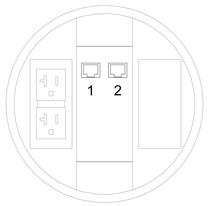


TYPE	TYPE DESCRIPTION	DEVICE BOX TYPE	PORT 1 TYPE	PORT 2 TYPE	PORT 3 TYPE	NOTES
TSA-F	TSA DURESS AND CHRONOS CLOCK OUTLET	J1	A	A	A	1,2

NOTES:

1. SEE SHEET T8.1.02 FOR ADDITIONAL FACEPLATE AND OUTLET DETAILS.
2. (3) CAT6A TO NEW SSCP IT ROOM.

TSA TDC TYPE G AND TSA STSO TYPE P



TYPE	TYPE DESCRIPTION	DEVICE BOX TYPE	PORT 1 TYPE	PORT 2 TYPE	NOTES
TSA-G	TSA TDC OUTLET	J9	A	A	1,2
TSA-P	TSA STSO OUTLET	J9	A	A	1,2

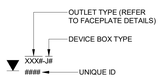
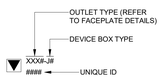
NOTES:

1. SEE SHEET T8.1.02 FOR ADDITIONAL FACEPLATE AND OUTLET DETAILS.
2. (2) CAT6A TO NEW SSCP IT ROOM.

PORT TYPE DESCRIPTION

APPEARANCE	DESIGNATOR	MODULAR JACK DESCRIPTION	CABLING	APPEARANCE	DESIGNATOR	MODULAR JACK DESCRIPTION	CABLING
	A	CATEGORY 6, 8-POSITION 8-CONTACT, NON-KEYED	4-PAIR CATEGORY 6 UTP		B	SINGLE MODE DUPLEX LC JACK	SINGLE MODE FIBER
	X	BLANK INSERT	NOT APPLICABLE				

DATA DEVICE ID SCHEME

DATA OUTLET	FLOOR BOX	
		

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
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JAMIE L. RHEE
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REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

TELECOM FACEPLATE AND DEVICE BOX DETAILS

DRAWN BY: **Author**
CHECKED BY: **Checker**
SHEET NUMBER
VOLUME: **3**
T7.1.03

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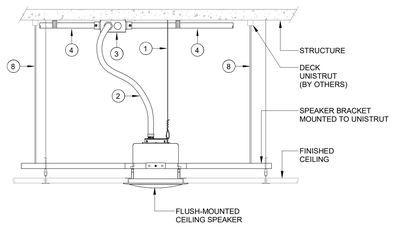
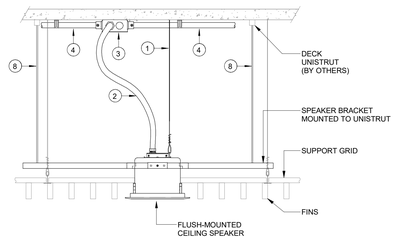
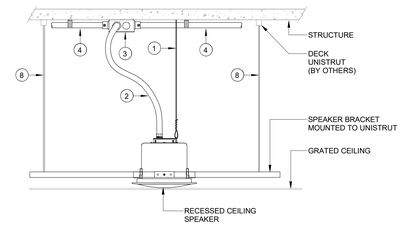


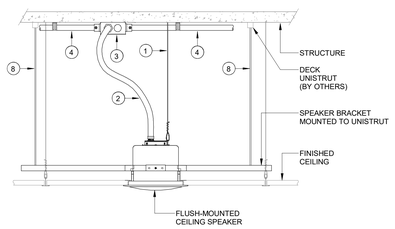
1 PAS - MOUNTING TYPE A
4" INTERIOR FLUSH-MOUNTED CEILING SPEAKER
NTS



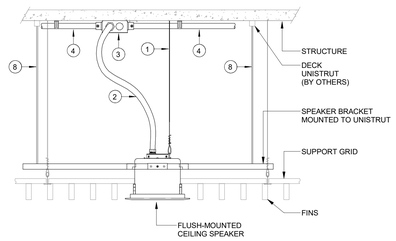
2 PAS - MOUNTING TYPE A
4" INTERIOR FLUSH-MOUNTED FIN CEILING SPEAKER
NTS



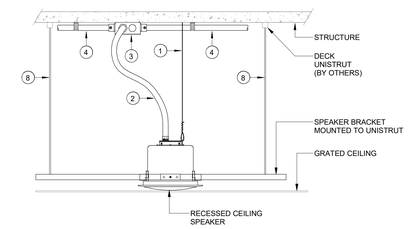
4 PAS - MOUNTING TYPE A
4" INTERIOR RECESSED CEILING SPEAKER
NTS



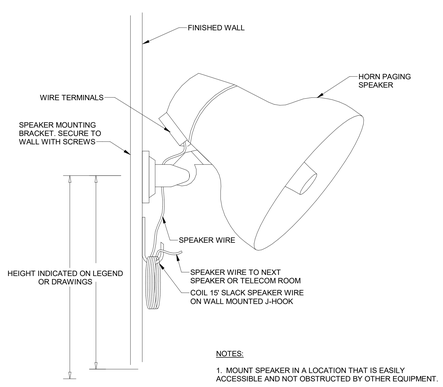
3 PAS - MOUNTING TYPE B
8" INTERIOR FLUSH-MOUNTED CEILING SPEAKER
NTS



5 PAS - MOUNTING TYPE B
8" INTERIOR FLUSH-MOUNTED FIN CEILING SPEAKER
NTS



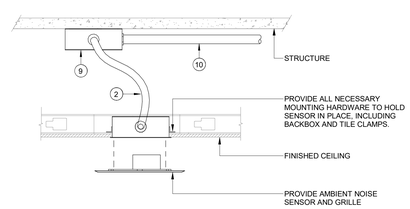
6 PAS - MOUNTING TYPE B
8" INTERIOR RECESSED CEILING SPEAKER
NTS



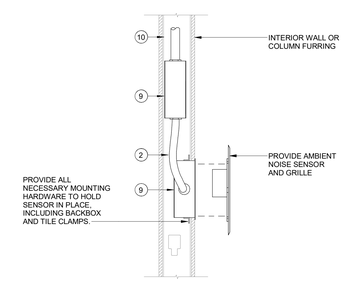
NOTES:

1. MOUNT SPEAKER IN A LOCATION THAT IS EASILY ACCESSIBLE AND NOT OBSTRUCTED BY OTHER EQUIPMENT.

7 PAS - MOUNTING TYPE C
INTERIOR WALL-MOUNTED HORN
NTS



8 PAS - MOUNTING TYPE A1
AMBIENT NOISE SENSOR CEILING FLUSH-MOUNTED
NTS



9 PAS - MOUNTING TYPE B1
AMBIENT NOISE SENSOR WALL FLUSH-MOUNTED
NTS

GENERAL NOTES:

1. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS RELATED TO PUBLIC ADDRESS SYSTEM (PA) REQUIREMENTS AND SCOPE.
2. THE PA SPEAKER AND DEVICE DETAILS ARE DIAGRAMMATIC IN NATURE AND SHOW GENERAL INSTALLATION REQUIREMENTS PER DEVICE. VERIFY FIELD CONDITIONS PER LOCATION PRIOR TO CONSTRUCTION.
3. ALL CONDUIT TO BE RUN CONCEALED UNLESS NOTED OTHERWISE. LOCATE JUNCTION BOXES ABOVE CEILING IN ACCESSIBLE LOCATION. SUPPORT ALL CONDUIT AND SPEAKERS FROM BUILDING STRUCTURE. SPEAKER SHALL NOT BE SUPPORTED SOLELY BY THE FALSE CEILING.
4. PROVIDE SPEAKER, SPEAKER COMPONENTS, AND MOUNTING HARDWARE, AND MOUNT AS INDICATED ON PLANS AND IN SPECIFICATIONS. PROVIDE ALL MOUNTING AND SUPPORT HARDWARE AS REQUIRED BY THE MANUFACTURER. PROVIDE ALL CONNECTIONS OF FLEXIBLE CONDUIT AND/OR CABLING TO JUNCTION BOX.
5. EXPOSED CONDUIT AND HARDWARE MAY BE REQUIRED TO LOCATE SPEAKER CORRECTLY AND PROVIDE ACCESS TO ACCESSIBLE CEILING FOR CONDUIT RUN TO THE JUNCTION BOX. PROVIDE JUNCTION BOXES AS NEEDED. REFER TO PROJECT SPECIFICATIONS REGARDING PAINTING REQUIREMENTS FOR EXPOSED CONDUIT AND MOUNTING HARDWARE.
6. FINISHED CEILING, WALL, AND STRUCTURAL DECK CONSTRUCTION SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR DETAILED INFORMATION.
7. ALL CONNECTIONS BETWEEN SPEAKERS AND BETWEEN AMBIENT NOISE SENSORS SHALL BE IN SERIES CONFIGURATION. CONNECTIONS SHALL NOT BE T-TAPPED UNLESS AUTHORIZED IN WRITING BY OWNER.

(#) PAS DETAIL KEYED NOTES:

1. SUPPORT SPEAKER FROM RIGID STRUCTURE.
2. MINIMUM 3/4-IN (20mm) FLEXIBLE METAL CONDUIT. SUPPORT ANY FLEXIBLE CONDUIT LENGTH IN EXCESS OF 36-IN (914mm) TO THE DECK.
3. PROVIDE JUNCTION BOX. FOR CEILING-MOUNTED SPEAKERS, LOCATE JUNCTION BOX ABOVE ACCESSIBLE CEILING.
4. PROVIDE MINIMUM 1-IN (25mm) RIGID CONDUIT AND PA CABLING TO NEXT SPEAKER, TELECOMMUNICATION ROOM, OR PA ENCLOSURE.
5. MOUNT SPEAKER MINIMUM 12-FT (3.5 METERS) A.F.F. UNLESS OTHERWISE NOTED ON PLAN.
6. JUNCTION BOX AND ASSOCIATED CONDUIT MAY BE SURFACE MOUNTED TO THE FINISHED WALL IF FLUSH MOUNTING IS NOT FEASIBLE (MASONRY WALL, SECURE WALL, ETC.). IN SUCH INSTANCES, OBTAIN ENGINEER AND ARCHITECT APPROVAL PRIOR TO ROUGH-IN ON A CASE-BY-CASE BASIS.
7. PROVIDE FLEXIBLE STRANDED SPEAKER CABLE FROM JUNCTION BOX TO SPEAKER WITH WEATHER TIGHT CABLE GLANDS. SUPPORT CABLE TO CEILING STRUCTURE IN CEILING-MOUNTED APPLICATIONS.
8. PROVIDE 3/8" THREADED ROD SECURED TO DECK UNISTRUT (BY OTHERS) ABOVE.
9. PROVIDE JUNCTION BOX. FOR CEILING-MOUNTED AMBIENT NOISE SENSOR (ANS). LOCATE JUNCTION BOX ABOVE ACCESSIBLE CEILING.
10. PROVIDE MINIMUM 1-IN (25mm) RIGID CONDUIT AND PA CABLING TO NEXT ANS, TELECOMMUNICATION ROOM, OR PA ENCLOSURE.

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
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60% DESIGN	**03/24/2023**
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PAS SPEAKER AND AMBIENT NOISE SENSOR MOUNTING DETAILS

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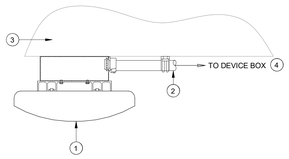
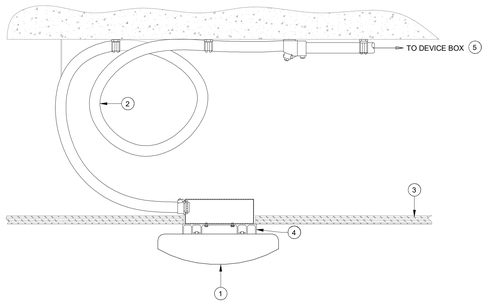


(#) DETAIL NOTES:

1. PROVIDE WIRELESS ACCESS POINT, MOUNTING HARDWARE, AND ACCESSORIES AS REQUIRED BY WLAN SPECIFICATION. PROVIDE CABLING AS INDICATED ON PLANS AND DETAILS. ALL MATERIALS PROVIDED SHALL BE SELECTED BASED UPON ENVIRONMENTAL CONDITIONS OF INSTALLATION LOCATION.
2. PROVIDE CAT6 PATCH CORDS IN MINIMUM 3/4" CONDUIT FOR CONNECTION OF WAP TO ASSOCIATED TELECOM DEVICE BOX OUTLET. REFER TO FACEPLATE AND DEVICE BOX DETAILS FOR ADDITIONAL INFORMATION ON TELECOM CABLING, CONDUIT AND DEVICE BOX.
3. EXPOSED STRUCTURAL STEEL OR CONCRETE.
4. REFER TO SCS DEVICE BOX TYPE DETAILS FOR ADDITIONAL INFORMATION.

1 WLAN - WAP TYPE A2 INTERIOR STRUCTURAL MOUNT

NTS



(#) DETAIL NOTES:

1. PROVIDE WIRELESS ACCESS POINT, MOUNTING HARDWARE, AND ACCESSORIES AS REQUIRED BY WLAN SPECIFICATION. PROVIDE CABLING AS INDICATED ON PLANS AND DETAILS. ALL MATERIALS PROVIDED SHALL BE SELECTED BASED UPON ENVIRONMENTAL CONDITIONS OF INSTALLATION LOCATION.
2. PROVIDE CAT6 PATCH CORDS IN MINIMUM 3/4" FLEXIBLE CONDUIT FOR CONNECTION OF WAP TO TELECOM DEVICE BOX OUTLET. REFER TO FACEPLATE AND DEVICE BOX DETAILS FOR ADDITIONAL INFORMATION ON TELECOM CABLING, CONDUIT AND DEVICE BOX.
3. ACCESSIBLE OR INACCESSIBLE CEILING.
4. PROVIDE CEILING OPENINGS AS REQUIRED FOR WAP MOUNTING IN CEILING.
5. REFER TO SCS DEVICE BOX TYPE DETAILS FOR ADDITIONAL INFORMATION.

2 WLAN - WAP TYPE A3 INTERIOR CEILING MOUNT

NTS

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CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
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REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE: **C.O.C.A.002.01**

TELECOM WIRELESS ACCESS POINT MOUNTING DETAILS

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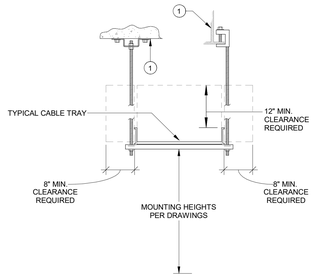
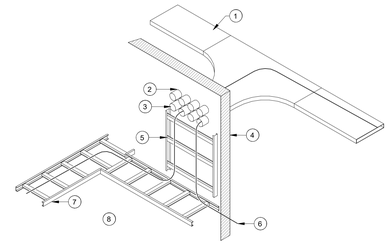


(#) DETAIL NOTES:

1. APPROVED SUPPORT AND MOUNTING STRUCTURE AS REQUIRED BY MANUFACTURER, ARCHITECTURAL CONFIGURATION, AND WEIGHT SUPPORTED.

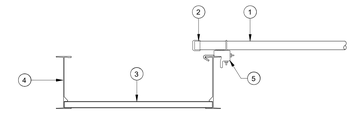
1 SCS - CABLE TRAY CLEARANCE
NTS



(#) DETAIL NOTES:

1. TYPICAL CABLE TRAY -REFER TO PLANS FOR TYPES, SIZES, MOUNTING HEIGHT AND LAYOUTS.
2. TYPICAL WALL PENETRATION SLEEVE - REFER TO PLANS FOR EXACT QUANTITY, SIZE, AND LOCATION. ALL SLEEVES SHALL BE MINIMUM 4" (100mm) UON.
3. PROVIDE FIRE STOPPING AS REQUIRED PER SPECIFICATIONS.
4. TYPICAL WALL - REFER TO ARCHITECTURAL PLANS FOR DETAILS.
5. PROVIDE VERTICAL LADDER CABLE TRAY AS REQUIRED WHEN ENTRY CABLE TRAY IS GREATER THAN 20" (500mm) ABOVE OR BELOW TELECOM ROOM CABLE TRAY.
6. TYPICAL CABLE - REFER TO PLANS AND CABLE SCHEDULES FOR ADDITIONAL INFORMATION.
7. TYPICAL LADDER CABLE TRAY USED WITHIN TELECOM.
8. ROOMS - REFER TO PLANS FOR SIZES AND LAYOUTS.

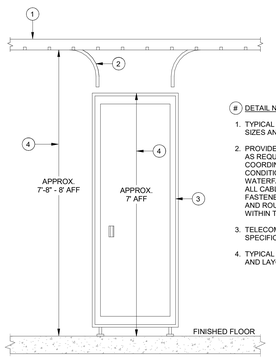
2 SCS - CABLE TRAY ROOM ENTRANCE
NTS



(#) DETAIL NOTES:

1. MINIMUM CONDUIT SIZE 1" (25mm). CONDUITS SHALL NOT CONNECT THROUGH THE BOTTOM OF THE CABLE TRAY.
2. PROVIDE CONDUIT BUSHINGS AND REMOVE ALL SHARP EDGES AND BURRS TO PREVENT DAMAGE TO CABLING INSULATION.
3. TYPICAL CABLE TRAY.
4. CABLE TRAY AND CONDUIT SHALL BE SUPPORTED SEPARATELY PER NEC SUPPORT REQUIREMENTS AND MANUFACTURER RECOMMENDATIONS.
5. NRTL LISTED CONDUIT TO CABLE TRAY CLAMP.

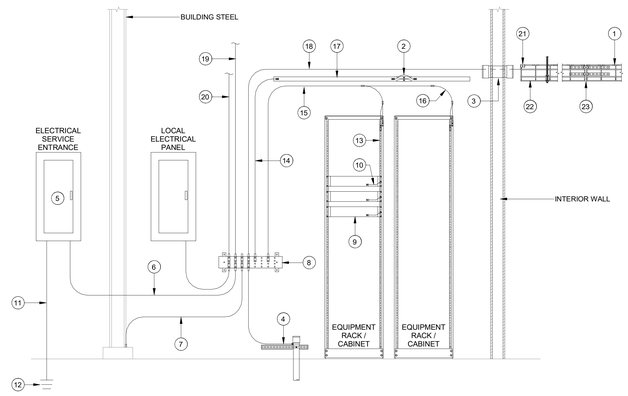
3 SCS - CONDUIT TERMINATION
NTS



(#) DETAIL NOTES:

1. TYPICAL LADDER CABLE TRAY (REFER TO PLANS FOR SIZES AND LAYOUTS).
2. PROVIDE DROPOUT OR "WATERFALL" ACCESSORIES AS REQUIRED TO PROPERLY MANAGE BEND RADII. COORDINATE LOCATION AND STYLE WITH FIELD CONDITIONS AND EQUIPMENT SELECTIONS. WATERFALL SHALL EXTEND TO 50mm ABOVE CABINET. ALL CABLES SHALL BE SECURED WITH HOOK & LOOP FASTENERS AND SHALL BE PROPERLY SUPPORTED AND ROUTED INTO VERTICAL WIRE MANAGEMENT WITHIN THE CABINET.
3. TELECOMMUNICATIONS ENCLOSURE - REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. TYPICAL CLEAR HEIGHT DIMENSION. REFER TO PLANS AND LAYOUTS FOR ADDITIONAL INFORMATION.

4 SCS - CABLE TRAY WATERFALL
NTS



GENERAL NOTES:

1. PROVIDE TELECOMMUNICATIONS GROUNDING ACCORDING TO ANSI / TIA-607-D. REFER TO GROUNDING SPECIFICATIONS FOR EQUIPMENT REQUIREMENTS.
2. BONDING BUSBAR AND UPSTREAM BONDING AND GROUNDING IS BY ELECTRICAL CONTRACTOR. REFER TO ELECTRICAL DRAWINGS FOR DETAILS.

DETAIL NOTES:

(#) BOND ALL TELECOMMUNICATIONS METALLIC PATHWAYS TO THE CABLE TRAY.
2. LISTED TRAY SPLICE OR BONDING JUMPER. PROVIDE SPLICES LISTED FOR BONDING OR PROVIDE BONDING JUMPERS AT EVERY CABLE TRAY SPLICE POINT.
3. CONDUIT SLEEVES. BOND METALLIC CONDUIT SLEEVES TO THE TELECOMMUNICATIONS BONDING SYSTEM.
4. BOND ALL METALLIC TELECOMMUNICATIONS PATHWAYS IN OR ENTERING THE TELECOM ROOM TO THE GROUNDING BUSBAR.
5. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR EXACT LOCATION OF ALTERNATING CURRENT EQUIPMENT GROUND (ACEG).
6. TELECOMMUNICATIONS BONDING CONDUCTOR (TBC).
7. BONDING CONDUCTOR TO BUILDING STEEL.
8. PRIMARY BONDING BUSBAR (PBB).
9. GENERAL RACK EQUIPMENT.
10. UNIT BONDING CONDUCTOR (UBC).
11. GROUNDING ELECTRODE CONDUCTOR.
12. GROUNDING ELECTRODE SYSTEM.
13. VERTICALLY MOUNTED RACK BONDING BUSBAR (RBB).
14. TBJ TO TELECOM ROOM LADDER TRAY.
15. TELECOM EQUIPMENT BONDING CONDUCTOR (TEBC).
16. RACK BONDING CONDUCTOR (RBC).
17. TELECOM ROOM LADDER TRAY.
18. TELECOM BONDING JUMPER (TBJ) TO CABLE TRAY / BASKET TRAY.
19. TELECOM BONDING BACKBONE (TBB) TO TGB IN OTHER COMM. ROOMS - WHERE APPLICABLE.
20. BACKBONE BONDING CONDUCTOR (BBC) - WHERE APPLICABLE
21. BONDING CONNECTION FOR BASKET TRAY.
22. HORIZONTAL DISTRIBUTION BASKET TRAY
23. LISTED BASKET TRAY SPLICE.

5 SCS - TELECOM GROUNDING DETAIL
NTS

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT
StudioORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN**
PACKAGE ISSUE DATE: **03/24/2023**
PHASE: **DD**
REVISION: **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

TELECOM STRUCTURED CABLING SYSTEM DETAILS

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**
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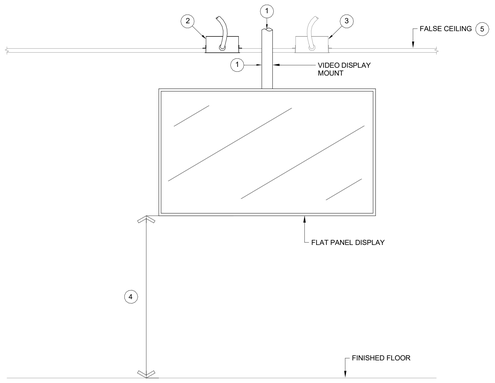
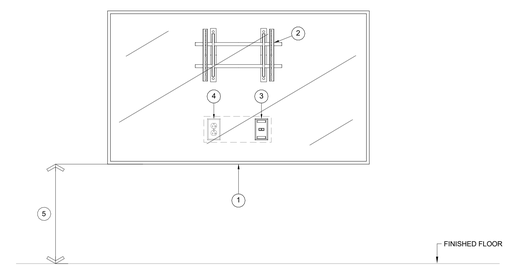


(#) DETAIL NOTES:

1. PROVIDE DISPLAY MOUNT AND REQUIRED HARDWARE SIZED TO ACCOMMODATE THE FLAT PANEL DISPLAY. COORDINATE CEILING PENDANT MOUNTING WITH OTHER TRADES.
2. DUPLEX POWER OUTLETS MOUNTED FLUSH INTO CEILING. SHOWN FOR REFERENCE ONLY. REFER TO ELECTRICAL DRAWINGS FOR FURTHER DETAIL.
3. CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF OUTLETS AND JUNCTION BOXES BASED ON APPROVED DISPLAY MOUNTING SOLUTION.
4. COORDINATE MOUNTING HEIGHT TO MATCH EXISTING CEILING MOUNTED DISPLAYS. CONTRACTOR SHALL CONFIRM FINAL MOUNTING HEIGHT BASED ON COORDINATION WITH PROPOSED DISPLAY AND MOUNTING SOLUTION.
5. COORDINATE MOUNTING WITH STRUCTURE ABOVE. PROVIDE ALL REQUIRED BRACING AND MOUNTING HARDWARE FOR MOUNTING OF DISPLAY TO STRUCTURE.

1 EVIDS - MOUNTING TYPE C7B - FLAT PANEL DISPLAY PENDANT CEILING MOUNTED

NTS



(#) EVIDS KEYED NOTES:

1. FLAT PANEL DISPLAY IN LANDSCAPE ORIENTATION.
2. PROVIDE DISPLAY MOUNT AND REQUIRED HARDWARE SIZED TO ACCOMMODATE THE FLAT PANEL DISPLAY IN A LANDSCAPE ORIENTATION. COORDINATE WALL STRUCTURAL SUPPORT WITH OTHER TRADES. COORDINATE MOUNTING BRACKET LOCATION WITH RECESSED WALL BOX BY OTHERS.
3. COORDINATE LOCATION OF DATA OUTLET WITH ELECTRICAL RECEPTACLES.
4. POWER OUTLET MOUNTED IN RECESSED WALL BOX PROVIDED BY OTHERS. REFER TO ELECTRICAL DRAWINGS FOR FURTHER INFORMATION.
5. REFER TO TT85.2 FOR MOUNTING HEIGHTS. FINAL MOUNTING HEIGHT FOR EACH DISPLAY SHALL BE COORDINATED WITH ARCHITECTURAL DESIGN AND THE OWNER.

2 EVIDS - MOUNTING TYPE T6 - FLAT PANEL DISPLAY WALL MOUNTED

NTS

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
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STAMPING CONSULTANT

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EVIDS DISPLAY DETAILS

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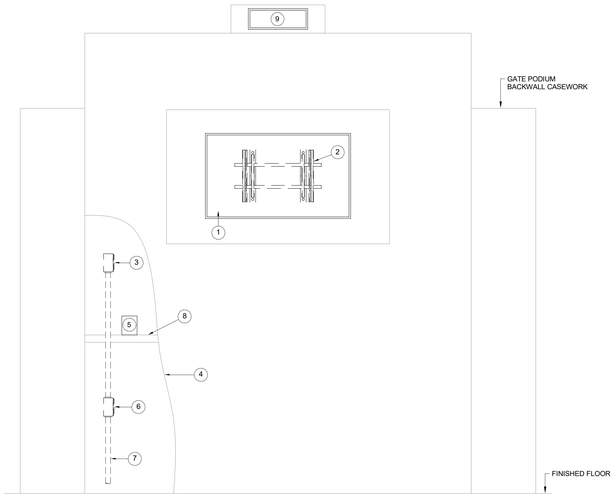
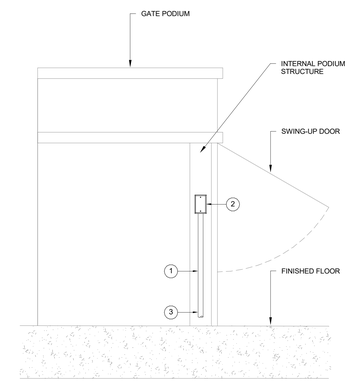


GIDS KEYED NOTES:

1. GIDS FLAT PANEL DISPLAY MOUNTED IN GATE PODIUM BACKWALL ON WALL MOUNT AS NOTED. REFER TO ARCHITECTURAL DRAWINGS FOR CASEWORK INFORMATION.
2. PROVIDE DISPLAY MOUNT AND ALL RELATED HARDWARE SIZED TO ACCOMMODATE THE FLAT PANEL DISPLAY. COORDINATE WALL/PODIUM STRUCTURAL SUPPORT WITH OTHER TRADES.
3. 2-PORT GIDS DATA OUTLET MOUNTED WITHIN BACKWALL CASEWORK. REFER TO COMMUNICATIONS PLANS FOR LOCATION OF OUTLET WITHIN CASEWORK AND ARCHITECTURAL DRAWINGS FOR FURTHER INFORMATION.
4. CUTAWAY OF FRONT WALL TO SHOW OUTLETS WITHIN PDDIUM CASEWORK. REFER TO FLOOR PLANS FOR LOCATION OF COMMUNICATIONS OUTLETS WITHIN CASEWORK.
5. PROVIDE DIGITAL DEVICE CONTROLLER (DDC) AND CONNECT TO GIDS DISPLAY. COORDINATE PENETRATION IN FRONT WALL FOR ROUTING OF VIDEO CABLE TO TV. DDC SHALL UTILIZE GIDS 2-PORT OUTLET FOR DATA CONNECTION AND SHALL BE SET ON SHELF/COUNTERTOP WITHIN ACCESSIBLE AREA OF CASEWORK PODIUM.
6. 4-PORT DATA OUTLET MOUNTED WITHIN BACKWALL CASEWORK FOR CONNECTION OF PERIPHERAL DEVICES SUCH AS PRINTERS. REFER TO COMMUNICATIONS PLANS FOR LOCATION OF OUTLET WITHIN CASEWORK AND ARCHITECTURAL CASEWORK DRAWINGS FOR FURTHER INFORMATION.
7. CONDUIT DOWN TO COMMUNICATIONS COMPARTMENT OF IN-FLOOR RACEWAY SYSTEM BY OTHERS. REFER TO COMMUNICATIONS LEVEL 1 FLOOR PLANS FOR LOCATIONS OF RACEWAY SYSTEM. REFER TO ELECTRICAL DETAILS FOR ADDITIONAL INFORMATION ON PATHWAY FROM IN-FLOOR RACEWAY TO DATA OUTLETS.
8. SHELF/COUNTERTOP WITHIN ACCESSIBLE AREA OF CASEWORK PODIUM. REFER TO ARCHITECTURAL CASEWORK DRAWINGS FOR FURTHER INFORMATION.
9. WIRELESS MASTER CLOCK FLUSH MOUNTED IN CASEWORK. REFER TO ARCHITECTURAL CASEWORK DRAWINGS FOR ADDITIONAL INFORMATION.

1 FIDS/GIDS - MOUNTING TYPE T7B - FLAT PANEL DISPLAY CASEWORK MOUNTED

NTS



KEYED NOTES :

1. MINIMUM 1" CONDUIT EXTENDED TO UPSTREAM CONTAINMENT LOCATED WITHIN ACCESSIBLE SPACE. TERMINATE CONDUIT PER DETAILS AND SPECIFICATIONS.
2. SEE FACEPLATE DETAILS FOR PORT CONFIGURATION, CABLE TYPE(S), QUANTITY, AND USAGE. SEE MOUNTING TYPE DETAILS FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL COORDINATE FINAL HEIGHT WITH ELECTRICAL OUTLET HEIGHT.
3. PROVIDE FLOOR CORE OR ACCESS INTO IN-FLOOR RACEWAY SYSTEM (AS APPLICABLE).

2 IMO - GATE PODIUM DATA OUTLETS

NTS

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
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MAYOR

CHICAGO DEPARTMENT OF AVIATION
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NO.	DATE	DESCRIPTION

ISSUANCE **60% DESIGN**
PACKAGE ISSUE DATE **03/24/2023**
PHASE **DD**
REVISION **--**
CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

COMM PAS, FIDS/GIDS, AND OUTLET DETAILS

DRAWN BY: **INTROBA** CHECKED BY: **CLH**
SHEET NUMBER VOLUME: **3**
T7.1.08

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COMMUNICATIONS DATA OUTLET SCHEDULE

OUTLET ID	OUTLET TYPE	LEVEL	MNTG HEIGHT	AREA	COMM. ROOM NO.	TOTAL PORT QTY	COMMENTS
B12H-43	QV2	BASEMENT ONE	8' - 0"	2H		1	
B12H-44	QV2	BASEMENT ONE	8' - 0"	2H		1	
B12H-48	QV2	BASEMENT ONE	8' - 0"	2H		1	
B12H-49	QV2	BASEMENT ONE	8' - 0"	2H		1	
LL2D-53	QV2	LOWER LEVEL	7' - 0"	2D		1	
LL2D-56	QV2	LOWER LEVEL	7' - 0"	2D		1	
LL2D-57	QV2	LOWER LEVEL	7' - 0"	2D		1	
LL2D-58	QV2	LOWER LEVEL	7' - 0"	2D		1	
LL2D-60	QV2	LOWER LEVEL	7' - 0"	2D		1	
LL2D-C002	QV1	LOWER LEVEL	0' - 0"	2D		1	
LL2D-C003	QV1	LOWER LEVEL	0' - 0"	2D		1	
LL2D-C004	QV1	LOWER LEVEL	0' - 0"	2D		1	
LL2D-C005	QV1	LOWER LEVEL	0' - 0"	2D		1	
LL2D-C006	QV1	LOWER LEVEL	0' - 0"	2D		1	
LL2D-C007	QV1	LOWER LEVEL	0' - 0"	2D		1	
LL2D-C008	QV1	LOWER LEVEL	0' - 0"	2D		1	
LL2D-C014	QV2	LOWER LEVEL	7' - 0"	2D		1	
LL2D-C015	QV2	LOWER LEVEL	7' - 0"	2D		1	
LL2D-C016	QV2	LOWER LEVEL	7' - 0"	2D		1	
LL2D-C065	QV1	LOWER LEVEL	0' - 0"	2D		1	
LL2D-C066	QV1	LOWER LEVEL	0' - 0"	2D		1	
LL2D-T001	F2	LOWER LEVEL		2D		2	
LL2D-T002	F2	LOWER LEVEL		2D		2	
LL2D-T025	WKS1	LOWER LEVEL	1' - 6"	2D		3	
LL2D-T026	DAS1	LOWER LEVEL		2D		1	
LL2D-T027	DAS1	LOWER LEVEL		2D		1	
LL2D-T028	DAS1	LOWER LEVEL		2D		1	
LL2D-T032	DAS1	LOWER LEVEL		2D		1	
LL2D-T042	DAS1	LOWER LEVEL		2D		1	
LL2D-T076	WKS1	LOWER LEVEL	1' - 6"	2D		3	
LL2D-T101	AV2	LOWER LEVEL	4' - 0"	2D		2	
LL2D-T145	WAP1	LOWER LEVEL		2D		1	
LL2D-T147	WAP1	LOWER LEVEL		2D		1	
LL2D-T148	WAP1	LOWER LEVEL		2D		1	
LL2D-T153	WAP1	LOWER LEVEL		2D		1	
LL2D-T154	WAP1	LOWER LEVEL		2D		1	
LL2E-59	QV2	LOWER LEVEL	7' - 0"	2E		1	
LL2E-61	QV2	LOWER LEVEL	7' - 0"	2E		1	
LL2E-64	QV2	LOWER LEVEL	7' - 0"	2E		1	
LL2E-70	QV2	LOWER LEVEL	7' - 0"	2E		1	
LL2E-71	QV2	LOWER LEVEL	7' - 0"	2E		1	
LL2E-78	QV1	LOWER LEVEL	0' - 0"	2E		1	
LL2E-79	QV1	LOWER LEVEL	0' - 0"	2E		1	
LL2E-80	QV2	LOWER LEVEL	7' - 0"	2E		1	
LL2E-81	QV2	LOWER LEVEL	7' - 0"	2E		1	
LL2E-C008	QV1	LOWER LEVEL	0' - 0"	2E		1	
LL2E-C009	QV1	LOWER LEVEL	0' - 0"	2E		1	
LL2E-C010	QV1	LOWER LEVEL	0' - 0"	2E		1	
LL2E-C011	QV1	LOWER LEVEL	0' - 0"	2E		1	
LL2E-C012	QV1	LOWER LEVEL	0' - 0"	2E		1	
LL2E-C021	QV2	LOWER LEVEL	7' - 0"	2E		1	
LL2E-T003	F2	LOWER LEVEL		2E		2	
LL2E-T004	F2	LOWER LEVEL		2E		2	
LL2E-T029	DAS1	LOWER LEVEL		2E		1	
LL2E-T030	DAS1	LOWER LEVEL		2E		1	
LL2E-T031	DAS1	LOWER LEVEL		2E		1	
LL2E-T043	WAP1	LOWER LEVEL		2E		1	
LL2E-T044	DAS1	LOWER LEVEL		2E		1	
LL2E-T136	TSA-A	LOWER LEVEL		2E		2	
LL2E-T137	VOIP	LOWER LEVEL	4' - 0"	2E		1	
LL2E-T138	AV2	LOWER LEVEL	5' - 0"	2E		2	
LL2E-T139	AV2	LOWER LEVEL	5' - 0"	2E		2	
LL2E-T140	AV2	LOWER LEVEL	5' - 0"	2E		2	
LL2E-T141	AV2	LOWER LEVEL	5' - 0"	2E		2	
LL2E-T142	AV2	LOWER LEVEL	5' - 0"	2E		2	
LL2E-T149	WAP1	LOWER LEVEL		2E		1	
LL2E-T150	WAP1	LOWER LEVEL		2E		1	
LL2E-T152	WAP1	LOWER LEVEL		2E		1	
LL2F-94	QV1	LOWER LEVEL	10' - 0"	2F		1	
LL2F-95	QV1	LOWER LEVEL	10' - 0"	2F		1	
LL2F-96	QV1	LOWER LEVEL	10' - 0"	2F		1	
LL2F-107	QV1	LOWER LEVEL	10' - 0"	2F		1	
LL2F-109	QV1	LOWER LEVEL	10' - 0"	2F		1	
LL2F-110	QV1	LOWER LEVEL	0' - 0"	2F		1	
LL2F-111	QV1	LOWER LEVEL	0' - 0"	2F		1	
LL2F-196	QV1	LOWER LEVEL	10' - 0"	2F		1	
LL2F-197	QV1	LOWER LEVEL	10' - 0"	2F		1	
LL2F-T005	WKS1	LOWER LEVEL	1' - 6"	2F		3	
LL2F-T006	WKS1	LOWER LEVEL	1' - 6"	2F		3	
LL2F-T052	WKS1	LOWER LEVEL	1' - 6"	2F		3	
LL2G-84	QV2	LOWER LEVEL	7' - 0"	2G		1	
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LL2G-160	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-161	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-162	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-163	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-164	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-165	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-166	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-167	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-168	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-169	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-170	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-171	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-172	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-173	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-175	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-176	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-177	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-181	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-182	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-184	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-198	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-C067	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-C069	QV1	LOWER LEVEL	10' - 0"	2G		1	
LL2G-C070	QV1	LOWER LEVEL	0' - 0"	2G		1	
LL2G-T007	WKS1	LOWER LEVEL	1' - 6"	2G		3	
LL2G-T008	WKS1	LOWER LEVEL	1' - 6"	2G		3	
LL2G-T107	AED	LOWER LEVEL	4' - 0"	2G		2	
LL2G-T111	VOIP	LOWER LEVEL	4' - 0"	2G		1	
LL2H-72	QV2	LOWER LEVEL	7' - 0"	2H		1	
LL2H-73	QV2	LOWER LEVEL	7' - 0"	2H		1	
LL2H-89	QV2	LOWER LEVEL	7' - 0"	2H		1	
LL2H-90	QV2	LOWER LEVEL	7' - 0"	2H		1	
LL2H-91	QV2	LOWER LEVEL	7' - 0"	2H		1	
LL2H-115	QV2	LOWER LEVEL	7' - 0"	2H		1	
LL2H-116	QV2	LOWER LEVEL	7' - 0"	2H		1	
ML2G-C061	QV1	MEZZANINE	0' - 0"	2G		1	
ML2H-C062	QV1	MEZZANINE	0' - 0"	2H		1	
UL2D-74	QV2	UPPER LEVEL	7' - 0"	2D		1	
UL2D-121	QV2	UPPER LEVEL	7' - 0"	2D		1	
UL2D-133	QV2	UPPER LEVEL	7' - 0"	2D		1	
UL2E-118	QV2	UPPER LEVEL	7' - 0"	2E		1	
UL2E-134	QV2	UPPER LEVEL	7' - 0"	2E		1	
UL2F-98	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-99	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-100	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-101	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-102	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-103	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-104	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-114	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-120	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-123	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-124	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-125	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-126	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-127	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-128	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-129	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-130	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-131	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-132	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-136	QV2	UPPER LEVEL	7' - 0"	2F		1	
UL2F-137	QV2	UPPER LEVEL	7' - 0"	2F		1	
UL2F-144	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-145	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-150	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-201	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-202	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-206	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-207	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-208	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-209	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-210	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-211	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-212	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-213	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-214	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-215	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-216	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-217	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-C001	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-C020	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-C023	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-C024	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-C025	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-C026	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-C027	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-C028	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-C029	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-C030	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-C071	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-C072	QV1	UPPER LEVEL	0' - 0"	2F		1	
UL2F-T009	TSA-A	UPPER LEVEL		2F		2	
UL2F-T010	TSA-G	UPPER LEVEL		2F		2	
UL2F-T011	TSA-G	UPPER LEVEL		2F		2	
UL2F-T012	TSA-G	UPPER LEVEL		2F		2	
UL2F-T013	TSA-G	UPPER LEVEL		2F		2	
UL2F-T014	TSA-G	UPPER LEVEL		2F		2	
UL2F-T015	TSA-G	UPPER LEVEL		2F		2	
UL2F-T016	TSA-G	UPPER LEVEL		2F		2	
UL2F-T017	TSA-G	UPPER LEVEL		2F		2	
UL2F-T018	TSA-B	UPPER LEVEL		2F		8	

COMMUNICATIONS DATA OUTLET SCHEDULE

OUTLET ID	OUTLET TYPE	LEVEL	MNTG HEIGHT	AREA	COMM. ROOM NO.	TOTAL PORT QTY	COMMENTS
UL2F-T019	TSA-A	UPPER LEVEL		2F		2	
UL2F-T020	TSA-B	UPPER LEVEL		2F		8	
UL2F-T021	TSA-A	UPPER LEVEL		2F		2	
UL2F-T022	TSA-B	UPPER LEVEL		2F		8	
UL2F-T023	TSA-A	UPPER LEVEL		2F		2	
UL2F-T024	TSA-B	UPPER LEVEL		2F		8	
UL2F-T041	TSA-G	UPPER LEVEL		2F		2	
UL2F-T045	DAS1	UPPER LEVEL		2F		1	
UL2F-T046	DAS1	UPPER LEVEL		2F		1	
UL2F-T047	DAS1	UPPER LEVEL		2F		1	
UL2F-T048	DAS1	UPPER LEVEL		2F		1	
UL2F-T049	WAP1	UPPER LEVEL		2F		1	
UL2F-T050	DAS1	UPPER LEVEL		2F		1	
UL2F-T051	WAP1	UPPER LEVEL		2F		1	
UL2F-T053	DAS1	UPPER LEVEL		2F		1	
UL2F-T058	WAP1	UPPER LEVEL		2F		1	
UL2F-T059	DAS1	UPPER LEVEL		2F		1	
UL2F-T060	WAP1	UPPER LEVEL		2F		1	
UL2F-T064	DAS1	UPPER LEVEL		2F		1	
UL2F-T074	TSA-G	UPPER LEVEL		2F		2	
UL2F-T075	TSA-G	UPPER LEVEL		2F		2	
UL2F-T077	TSA-G	UPPER LEVEL		2F		2	
UL2F-T078	TSA-G	UPPER LEVEL		2F		2	
UL2F-T089	WAP1	UPPER LEVEL		2F		1	
UL2F-T091	WAP1	UPPER LEVEL		2F		1	
UL2F-T093	WAP1	UPPER LEVEL		2F		1	
UL2F-T094	WAP1	UPPER LEVEL		2F		1	
UL2F-T101	TSA-P	UPPER LEVEL		2F		2	
UL2F-T102	TSA-P	UPPER LEVEL		2F		2	
UL2F-T104	TSA-E	UPPER LEVEL	1' - 6"	2F		2	
UL2F-T117	TSA-P	UPPER LEVEL		2F		2	
UL2F-T119	GCR	UPPER LEVEL	1' - 6"	2F		4	
UL2F-T120	GCR	UPPER LEVEL	1' - 6"	2F		4	
UL2F-T121	AV2	UPPER LEVEL	6' - 0"	2F		2	
UL2F-T122	TSA-F	UPPER LEVEL	4' - 0"	2F		3	
UL2F-T124	AV2	UPPER LEVEL	6' - 0"	2F		2	
UL2F-T125	TSA-E	UPPER LEVEL	1' - 6"	2F		2	
UL2F-T126	VOIP	UPPER LEVEL	4' - 0"	2F		1	
UL2F-T132	TSA-H	UPPER LEVEL	1' - 6"	2F		2	
UL2F-T133	TSA-H	UPPER LEVEL	1' - 6"	2F		2	
UL2F-T175	TSA-P	UPPER LEVEL		2F		2	
UL2F-T176	TSA-G	UPPER LEVEL		2F		2	
UL2F-T177	TSA-G	UPPER LEVEL		2F		2	
UL2F-T178	TSA-G	UPPER LEVEL		2F		2	
UL2F-T179	TSA-G	UPPER LEVEL		2F		2	
UL2F-T180	TSA-G	UPPER LEVEL		2F		2	
UL2F-T181	TSA-G	UPPER LEVEL		2F		2	
UL2F-T182	TSA-A	UPPER LEVEL		2F		2	
UL2F-T183	TSA-B	UPPER LEVEL		2F		8	
UL2F-T184	TSA-A	UPPER LEVEL		2F		2	
UL2F-T185	TSA-B	UPPER LEVEL		2F		8	
UL2F-T186	TSA-A	UPPER LEVEL		2F		2	
UL2F-T187	TSA-B	UPPER LEVEL		2F		8	
UL2F-T188	TSA-A	UPPER LEVEL		2F		2	
UL2F-T189	TSA-B	UPPER LEVEL		2F		8	
UL2F-T190	TSA-A	UPPER LEVEL		2F		2	
UL2F-T191	TSA-B	UPPER LEVEL		2F		8	
UL2F-T192	TSA-A	UPPER LEVEL		2F		2	
UL2F-T193	TSA-B	UPPER LEVEL		2F		8	
UL2F-T194	TSA-H	UPPER LEVEL	1' - 6"	2F		2	
UL2F-T195	TSA-H	UPPER LEVEL	1' - 6"	2F		2	
UL2F-T196	TSA-H	UPPER LEVEL	1' - 6"	2F		2	
UL2F-T197	TSA-H	UPPER LEVEL	1' - 6"	2F		2	
UL2F-T198	TSA-H	UPPER LEVEL	1' - 6"	2F		2	
UL2F-T199	TSA-H	UPPER LEVEL	1' - 6"	2F		2	
UL2F-T200	TSA-F	UPPER LEVEL	4' - 0"	2F		3	
UL2F-T201	TSA-F	UPPER LEVEL	4' - 0"	2F		3	
UL2G-138	QV2	UPPER LEVEL	7' - 0"	2G		1	
UL2G-148	QV2	UPPER LEVEL	7' - 0"	2G		1	
UL2G-153	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-154	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-156	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-157	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-159	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-174	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-178	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-180	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-183	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-186	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-187	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-188	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-189	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-192	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-193	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-C031	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-C032	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-C033	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-C034	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-C035	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-C036	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-C037	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-C038	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-C039	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-C044	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-C045	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-C053	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-C055	QV1	UPPER LEVEL	0' - 0"	2G		1	
UL2G-T033	TSA-A	UPPER LEVEL		2G		2	
UL2G-T034	TSA-B	UPPER LEVEL		2G		8	
UL2G-T035	TSA-A	UPPER LEVEL		2G		2	
UL2G-T036	TSA-B	UPPER LEVEL		2G		8	
UL2G-T037	TSA-A	UPPER LEVEL		2G		2	
UL2G-T038	TSA-B	UPPER LEVEL		2G		8	
UL2G-T039	TSA-A	UPPER LEVEL		2G		2	
UL2G-T040	TSA-B	UPPER LEVEL		2G		8	
UL2G-T061	TSA-C	UPPER LEVEL		2G		6	
UL2G-T062	TSA-C	UPPER LEVEL		2G		6	
UL2G-T063	TSA-C	UPPER LEVEL		2G		6	
UL2G-T065	TSA-G	UPPER LEVEL		2G		2	
UL2G-T066	TSA-G	UPPER LEVEL		2G		2	
UL2G-T067	TSA-G	UPPER LEVEL		2G		2	
UL2G-T068	TSA-G	UPPER LEVEL		2G		2	
UL2G-T069	TSA-G	UPPER LEVEL		2G		2	
UL2G-T071	TSA-G	UPPER LEVEL		2G		2	
UL2G-T072	TSA-G	UPPER LEVEL		2G		2	
UL2G-T073	TSA-G	UPPER LEVEL		2G		2	
UL2G-T105	GCR	UPPER LEVEL	1' - 6"	2G		4	
UL2G-T106	GCR	UPPER LEVEL	1' - 6"	2G		4	
UL2G-T108	AV2	UPPER LEVEL	6' - 0"	2G		2	
UL2G-T114	AV1	UPPER LEVEL		2G		2	
UL2G-T115	AV1	UPPER LEVEL		2G		2	
UL2G-T118	AV2	UPPER LEVEL	6' - 0"	2G		2	
UL2G-T134	VOIP	UPPER LEVEL	4' - 0"	2G		1	
UL2G-T144	VOIP	UPPER LEVEL	4' - 0"	2G		1	
UL2G-T155	TSA-G	UPPER LEVEL		2G		2	
UL2G-T156	TSA-G	UPPER LEVEL		2G		2	
UL2G-T157	TSA-G	UPPER LEVEL		2G		2	
UL2G-T158	TSA-A	UPPER LEVEL		2G		2	
UL2G-T159	TSA-A	UPPER LEVEL		2G		2	
UL2G-T160	TSA-B	UPPER LEVEL		2G		8	
UL2G-T161	TSA-B	UPPER LEVEL		2G		8	
UL2G-T162	TSA-C	UPPER LEVEL		2G		6	
UL2G-T163	TSA-C	UPPER LEVEL		2G		6	
UL2G-T164	TSA-C	UPPER LEVEL		2G		6	
UL2G-T165	TSA-C	UPPER LEVEL		2G		6	
UL2G-T166	TSA-C	UPPER LEVEL		2G		6	
UL2G-T167	TSA-C	UPPER LEVEL		2G		6	
UL2G-T168	TSA-C	UPPER LEVEL		2G		6	
UL2G-T169	TSA-C	UPPER LEVEL		2G		6	
UL2G-T170	TSA-C	UPPER LEVEL		2G		6	
UL2G-T171	TSA-C	UPPER LEVEL		2G		6	
UL2G-T172	TSA-C	UPPER LEVEL		2G		6	
UL2G-T173	TSA-C	UPPER LEVEL		2G		6	
UL2G-T174	TSA-C	UPPER LEVEL		2G		6	
UL2H-122	QV1	UPPER LEVEL	0' - 0"	2H		1	
UL2H-139	QV1	UPPER LEVEL	0' - 0"	2H		1	
UL2H-140	QV1	UPPER LEVEL	0' - 0"	2H		1	
UL2H-141	QV1	UPPER LEVEL	0' - 0"	2H		1	
UL2H-142	QV1	UPPER LEVEL	0' - 0"	2H		1	
UL2H-146	QV1	UPPER LEVEL	0' - 0"	2H		1	
UL2H-147	QV1	UPPER LEVEL	0' - 0"	2H		1	
UL2H-149	QV1	UPPER LEVEL	0' - 0"	2H		1	
UL2H-151	QV1	UPPER LEVEL	0' - 0"	2H		1	
UL2H-194	QV2	UPPER LEVEL	7' - 0"	2H		1	
UL2H-195	QV1	UPPER LEVEL	0' - 0"	2H		1	
UL2H-C054	QV1	UPPER LEVEL	0' - 0"	2H		1	
UL2H-C056	QV1	UPPER LEVEL	0' - 0"	2H		1	
UL2H-C057	QV1	UPPER LEVEL	0' - 0"	2H		1	
UL2H-T110	AED	UPPER LEVEL	4' - 0"	2H		2	
UL2H-T143	AED	UPPER LEVEL	4' - 0"	2H		2	

PAS ZONE SCHEDULE

PAS ZONE NAME	LEVEL	AREA	LOCATION	COMM. ROOM NO.	AMP EXG/PROVIDE	AMP POWER (WATTS)	COMMENTS
BC-LL01	LOWER LEVEL	2D/2E	BAGGAGE CLAIM		PROVIDE	300	
BC-LL02	LOWER LEVEL	2D/2E	BAGGAGE CLAIM		PROVIDE	300	
BH-LL02	LOWER LEVEL	2D/2E	BAGGAGE SORTING		PROVIDE	300	
RR-ML01	MEZZANINE	2H	RESTROOM		PROVIDE	300	
SS-UL01	UPPER LEVEL	2F	SSCP		PROVIDE	300	
HR-UL02	UPPER LEVEL	2G	HOLDROOM		PROVIDE	300	
RR-UL01	UPPER LEVEL	2G	RESTROOM		PROVIDE	300	
HR-UL01	UPPER LEVEL	2G/2H	HOLDROOM		PROVIDE	300	
SS-UL02	UPPER LEVEL	2G/2H	SSCP		PROVIDE	300	

PAS AMBIENT NOISE SENSOR SCHEDULE

ID	PAS ZONE	TYPE	LEVEL	AREA	LOCATION	COMM. ROOM NO.	COMMENTS
BC-LL01-01	BC-LL01	A1	LOWER LEVEL	2D	BAGGAGE CLAIM		
BC-LL02-01	BC-LL02	A1	LOWER LEVEL	2D	BAGGAGE CLAIM		
BC-LL01-02	BC-LL01	A1	LOWER LEVEL	2E	BAGGAGE CLAIM		
BC-LL02-02	BC-LL02	A1	LOWER LEVEL	2E	BAGGAGE CLAIM		
RR-ML01-01	RR-ML01	A1	MEZZANINE	2G	RESTROOM		
RR-ML01-02	RR-ML01	A1	MEZZANINE	2G	RESTROOM		
HR-UL01-01	HR-UL01	A1	UPPER LEVEL	2F	HOLDROOM		
HR-UL01-02	HR-UL01	A1	UPPER LEVEL	2F	HOLDROOM		
SS-UL01-01	SS-UL01	A1	UPPER LEVEL	2F	SSCP		
SS-UL01-02	SS-UL01	A1	UPPER LEVEL	2F	SSCP		
RR-UL01-01	RR-UL01	A1	UPPER LEVEL	2G	RESTROOM		
RR-UL01-02	RR-UL01	A1	UPPER LEVEL	2G	RESTROOM		
SS-UL02-01	SS-UL02	A1	UPPER LEVEL	2G/2H	SSCP		
SS-UL02-02	SS-UL02	A1	UPPER LEVEL	2G/2H	SSCP		
HR-UL02-01	HR-UL02	A1	UPPER LEVEL	2H	HOLDROOM		
HR-UL02-02	HR-UL02	A1	UPPER LEVEL	2H	HOLDROOM		

PAS MICROPHONE SCHEDULE

ID	PAS ZONE	TYPE	LEVEL	AREA	LOCATION	COMM. ROOM NO.	COMMENTS
BC-LL01-01	BC-LL01	A	LOWER LEVEL	2E	BAGGAGE SERVICE OFFICE		
SS-UL02-02	SS-UL02	A	UPPER LEVEL	2F	SSCP		
HR-UL02-01	HR-UL02	A	UPPER LEVEL	2G	HOLDROOM		
SS-UL01-01	SS-UL01	A	UPPER LEVEL	2F	SSCP		
HR-UL01-01	HR-UL01	A	UPPER LEVEL	2F	HOLDROOM		
SS-UL01-02	SS-UL01	A	UPPER LEVEL	2F	SSCP		
SS-UL02-01	SS-UL02	A	UPPER LEVEL	2F	SSCP		

DRAFT - PRE-DECISIONAL

NOT FOR CONSTRUCTION

CDA Chicago Department of Aviation

CITY OF CHICAGO
LORI LIGHTFOOT
MAYOR

CHICAGO DEPARTMENT OF AVIATION
JAMIE L. RHEE
COMMISSIONER

PROJECT NUMBER
H1220.23-00

PROJECT NAME
Terminal 3 Improvements and Supplemental Bagroom

10000 W. O'HARE AVE.
CHICAGO, ILLINOIS 60666

PRIME CONSULTANT

StudiORD
Studio Gang | SCB | Corgan | Milhouse | STLarchitects

STAMPING CONSULTANT

NOTES

REVISION

NO.	DATE	DESCRIPTION

ISSUANCE: **60% DESIGN** PACKAGE ISSUE DATE: **03/24/2023**

PHASE: **DD** REVISION: **--**

CDA WORK BREAKDOWN STRUCTURE (WBS) CODE
C.O.C.A.002.01

TELECOM SCHEDULES

DRAWN BY: **INTROBA** CHECKED BY: **CLH**

SHEET NUMBER: **T8.1.01** VOLUME: **3**

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