

Room 104 – 27' x 15.5' (Teams)

Room 106 – 23' x 10' (Smart/Casting TV)

Room 107 – 19.5' x 14' (Smart/Casting TV)

Room 110 – 17.5' x 16' (Smart/Casting TV)

Room 112 – 19.5' x 14.5' (Smart/Casting TV)

Room 116 – 26' x 16' (Teams)

Room 122 (when set up as full room) – 63' x 58' (Teams x 1 on north wall)

Room 122 (when split into 2 rooms) – 63' x 29' (Smart/Casting x 2 on west wall)

Room 157 – 22' x 15' (Smart/Casting TV)

Room 212 – 16' x 11.5' (Smart/Casting TV)

Room 218 – 16' x 13' (Smart/Casting TV)

Room 219 – 16' x 12.5' (Smart/Casting TV)

Room 200 (east wall adjacent to kitchen area tables) – open area (Smart/Casting)

KEYNOTES

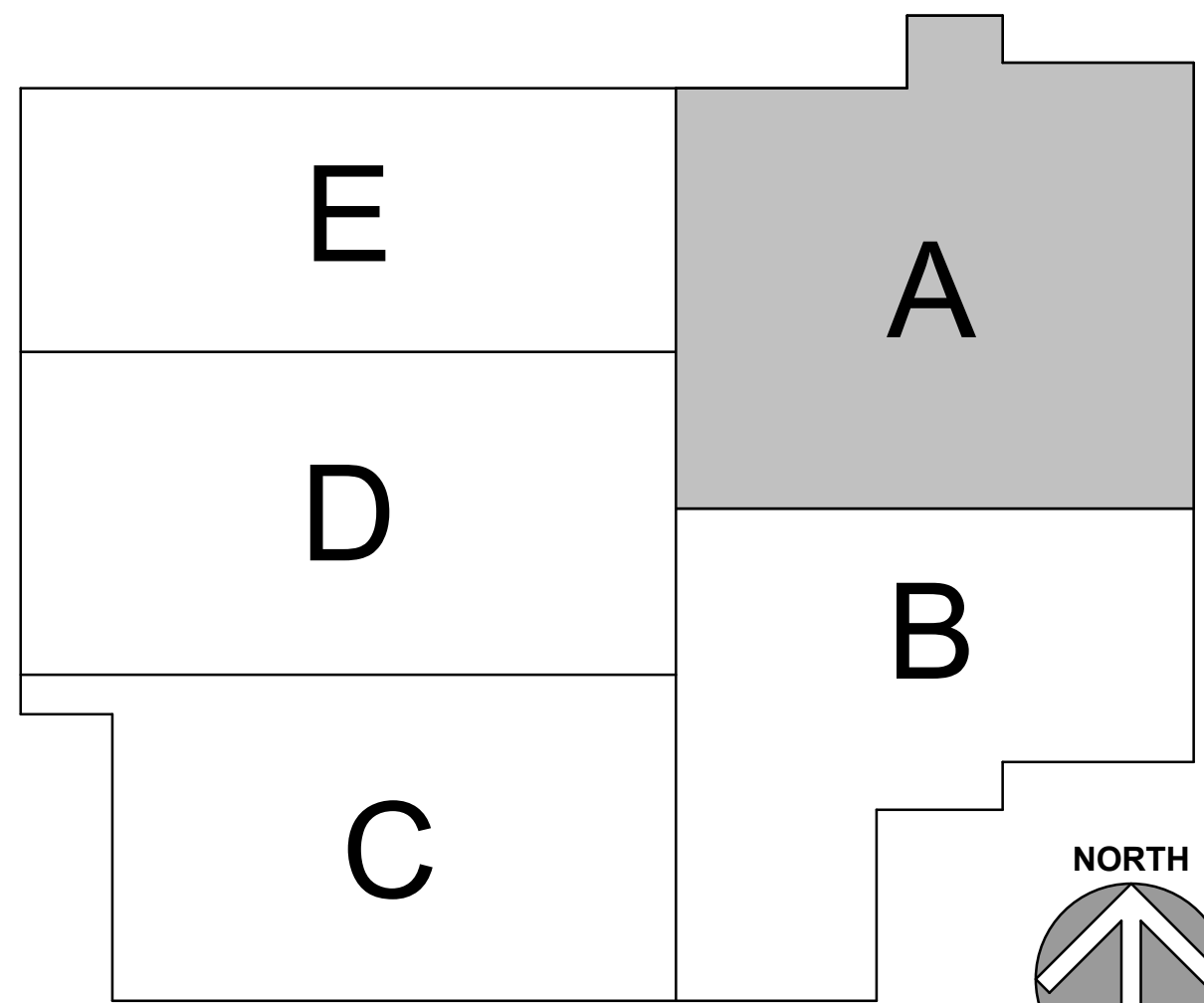
KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UNKEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

- 26.300 PROVIDE TV BOX (LEGRAND MODEL: EFS84 BOX), PROVIDE WITH TWO DUPLEX RECEPTACLES. PROVIDE 2 INCH CONDUIT FROM DEVICE BOX TO ACCESSIBLE SPACE ABOVE CEILING. MOUNT 6" AFF TO CENTER OF BOX.
- 26.301 PROVIDE EQUIPMENT BOX (LEGRAND MODEL: PAC326F84 W/ PAC326FCV), PROVIDE WITH TWO DUPLEX RECEPTACLES. PROVIDE 2" EMPTY CONDUIT FROM EQUIPMENT BOX TO TV BOX. MOUNT 12" AFF TO BOTTOM OF BOX.
- 26.302 PROVIDE STEEL RECESSED FLOOR BOX WITH DOUBLE DUPLEX RECEPTACLE.
- 26.303 PROVIDE MULTI-CHANNEL SURFACE RACEWAY @45" AFF. RUN LENGTH AS SHOWN ON PLANS. PROVIDE DUPLEX RECEPTACLES AS SHOWN ON PLANS.
- 26.307 PROVIDE DEDICATED RECEPTACLE FOR ACCESS CONTROL PANEL. COORDINATE EXACT LOCATION WITH SECURITY CONTRACTOR PRIOR TO ROUGH-IN.
- 26.308 IN FLOOR ELECTRICAL CONNECTION TO PRE-WIRED SYSTEMS FURNITURE.
- 26.309 PROVIDE MANUAL TOGGLE SWITCH FOR EXHAUST FAN CONTROL. REFER TO SEQUENCE OF OPERATIONS (SHEET M514).
- 26.311 ELECTRIC VEHICLE CHARGER, PROVIDED BY OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR.
- 26.312 MOTORIZED SHADE CONTROL POWER, SHADES AND CONTROLLER PROVIDED BY OTHERS AND WIRED BY ELECTRICAL CONTRACTOR.
- 26.401 PROVIDE ELECTRICAL CONNECTION FOR ILLUMINATED SIGNAGE. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN AND INSTALLATION. LIGHTING SHALL BE CONTROLLED VIA TIMELOCK.

ELECTRICAL GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. INTENT OF DRAWINGS: THESE DRAWINGS ARE INTENDED TO RELAY TO CONTRACTOR A DESIGN INTENT. INCLUDE IN BID ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM AS REASONABLY INFERRABLE, AS DETERMINED BY ARCHITECT, TO ACCOMPLISH THE INTENT OF THESE DRAWINGS.
3. REFER TO ARCHITECTURAL, PLUMBING, AND MECHANICAL PLANS, SHOP DRAWINGS AND MANUFACTURERS INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION ON EXACT POWER, WIRING & ROUGH-IN REQUIREMENTS AND LOCATIONS OF DEVICES.
4. UNLESS NOTED OTHERWISE, ALL HOMERUNS SHALL CONSIST OF A MAXIMUM OF 3 CIRCUITS (PHASE A, B & C, NEUTRAL & GROUND) IN 1/2" C. MINIMUM WIRE SIZE SHALL BE #12 AWG. WIRE SIZE FOR HOMERUN CIRCUITS SHALL BE #12, #12N & #12G.
5. CIRCUIT NUMBERS FOR EXISTING PANELS ARE FOR REFERENCE ONLY. VERIFY EXACT CIRCUIT NUMBERS IN FIELD PRIOR TO INSTALLATION. TRACE AND VERIFY EXISTING CIRCUITS TO REMAIN, DEMOLISH ANY ABANDONED CIRCUITS. VERIFY AND RELABEL ALL CIRCUITS LABELED ON PANEL SCHEDULES AS EXISTING.
6. SECURE ALL JUNCTION BOXES TO BUILDING STRUCTURE PER NEC REQUIREMENTS.
7. ALL MEP TRADE CONTRACTORS THAT REQUIRE FIELD CORED OPENINGS THROUGH THE PRECAST FRAMING (WALLS AND FLOORS/ROOFS) ARE TO PROVIDE DESIRED HOLE SIZE AND LOCATION TO PRECAST MANUFACTURER SO THAT THE PROPOSED OPENING CAN BE VERIFIED FOR SIZE AND LOCATION TO AVOID STRUCTURAL DAMAGE TO THE PRECAST ELEMENT. DO NOT CORE THROUGH PRECAST ELEMENTS WITHOUT APPROVAL FROM PRECAST MANUFACTURER.

KEYPLAN



FIRST FLOOR POWER PLAN - AREA 'A'

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

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CITY OF AURORA PUBLIC WORKS FACILITY

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ISSUED		JOB NO.		SHEET TITLE	
1	10/05/22	BID AND PERMIT DOCUMENTS	19-130-1291	FIRST FLOOR POWER PLAN - AREA 'A'	
2	12/10/22	PERMIT REVISIONS			
3	12/10/22	DESIGN COORDINATION			
4	12/10/22	BP2 - ADDENDUM #2			
5	12/10/22	BP2 - ADDENDUM #3			
6	12/10/22	AS 003			
7	12/10/22	AS 003			
8	10/18/23	BP3 - BID DOCUMENTS			

**E311**

## KEYNOTES

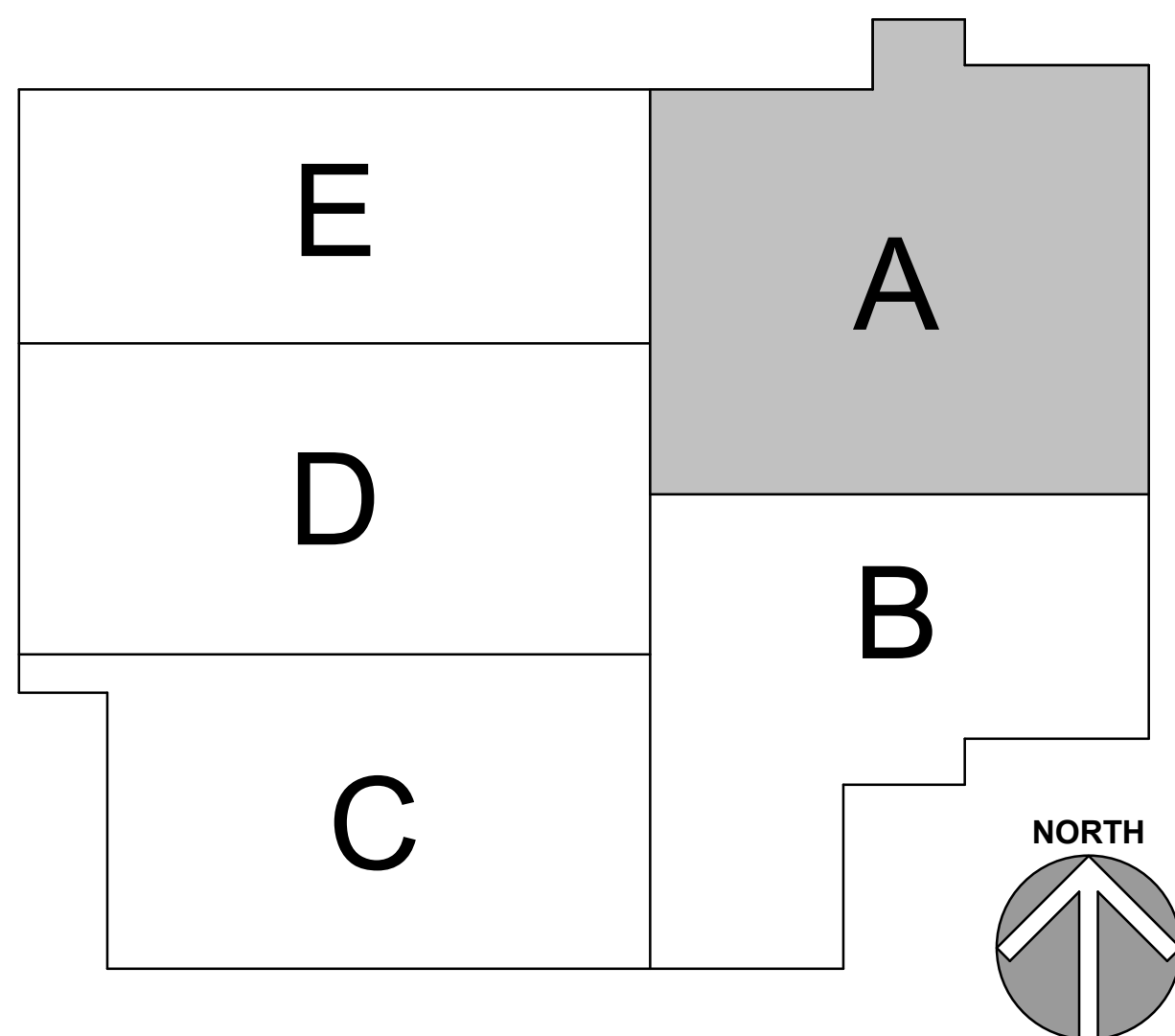
KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UNKEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

- 27.101 4 PORT DATA OUTLET - 4-INCH SQUARE BACKBOX WITH SINGLE-GANG RING. 3/4 INCH CONDUIT FROM DEVICE BOX TO ACCESSIBLE CEILING. (4) CAT 6 NETWORK CABLES/JACKS TO IDF IN RM 238. CABLE COLOR: BLUE.
- 27.102 2 PORT DATA OUTLET - INSTALLED IN INTERNAL RACEWAY OF FURNITURE. (4) CAT6 NETWORK CABLES/JACKS TO IDF. CABLE COLOR: BLUE.
- 27.103 COMMUNICATION JUNCTION BOX - (4) UTP CAT6 Cables to IDF in RM 238. CABLES WILL BE FED TO FURNITURE RACEWAYS THROUGH A FLEXIBLE CONDUIT CONNECTION. COORDINATE INSTALLATION WITH FURNITURE BEFORE ROUGH-IN.
- 27.105 2 PORT DATA OUTLET - 4-INCH SQUARE BACKBOX WITH SINGLE-GANG RING. 3/4 INCH CONDUIT FROM DEVICE BOX TO ACCESSIBLE CEILING. (2) CAT 6 NETWORK CABLES/JACKS TO IDF IN RM 238. CABLE COLOR: BLUE.
- 27.106 2 PORT DATA OUTLET - 4-INCH SQUARE BACKBOX WITH SINGLE-GANG RING. 3/4 INCH CONDUIT FROM DEVICE BOX TO ACCESSIBLE CEILING. MOUNTED 6" ABOVE COUNTER HEIGHT. (2) CAT 6 NETWORK CABLES/JACKS TO IDF IN RM 238. CABLE COLOR: BLUE.
- 27.107 2 PORT DATA OUTLET - 4-INCH SQUARE BACKBOX SURFACE MOUNTED WITH SQUARE DUPLEX COVER. 3/4 INCH SURFACE CONDUIT FROM DEVICE BOX TO ACCESSIBLE CEILING. (2) CAT 6 NETWORK CABLES/JACKS MOUNTED IN DUPLEX MOUNTING FRAME TO IDF IN RM 238. CABLE COLOR: BLUE.
- 27.108 2 PORT DATA OUTLET - 4-INCH SQUARE BACKBOX SURFACE MOUNTED WITH SQUARE DUPLEX COVER. 3/4 INCH SURFACE CONDUIT FROM DEVICE BOX TO ACCESSIBLE CEILING. MOUNTED 8" ABOVE COUNTER/BENCH HEIGHT. (2) CAT 6 NETWORK CABLES/JACKS MOUNTED IN DUPLEX MOUNTING FRAME TO IDF IN RM 238. CABLE COLOR: BLUE.
- 27.201 WAP OUTLET - (1) CAT 6 NETWORK CABLE WITH CEILING CONNECTOR PLUG TO IDF IN RM 238. PROVIDE 30FT SERVICE LOOP SECURED ABOVE CEILING OR ON BAR JOIST. CABLE COLOR: YELLOW.
- 27.301 CAMERA OUTLET - (1) CAT 6 NETWORK CABLE WITH CEILING CONNECTOR PLUG TO IDF IN RM 238. PROVIDE 30FT COILED AND SECURED ABOVE ABOVE CEILING OR ON BAR JOIST. CABLE COLOR: YELLOW.
- 27.302 DOOR PROCESSING UNIT - IP DOOR CONTROL MODULE - 3 GANG JUNCTION BOX MOUNTED IN WALL ABOVE DOOR FRAME. 3/4 INCH CONDUIT FROM DEVICE BOX TO ACCESSIBLE CEILING. (1) CAT 6 NETWORK CABLE WITH CONNECTOR PLUG TO IDF IN RM 238. CABLE COLOR: YELLOW.
- 27.303 DOOR PROCESSING UNIT - IP DOOR CONTROL MODULE - 3 GANG JUNCTION BOX MOUNTED ON WALL ABOVE DOOR FRAME. 3/4 INCH SURFACE CONDUIT FROM DEVICE BOX TO ACCESSIBLE CEILING OR ABOVE BAR JOIST. (1) CAT 6 NETWORK CABLE WITH CONNECTOR PLUG TO IDF IN RM 238. CABLE COLOR: YELLOW.
- 27.304 ACCESS CONTROL PANEL CABINET - (1) CAT 6 NETWORK CABLE WITH CEILING CONNECTOR JACK TO MDF/IDF. CABLE COLOR: YELLOW.
- 27.305 EXTERIOR CAMERA OUTLET - WATERPROOF JUNCTION BOX WITH COVER MOUNTED ON EXTERIOR WALL 12" BELOW CEILING DECK. 1 INCH CONDUIT FROM DEVICE BOX TO ACCESSIBLE CEILING OR ABOVE BAR JOIST. (1) CAT 6 NETWORK CABLE WITH CONECTOR PLUG TO IDF IN RM 238. CABLE COLOR: YELLOW.
- 27.401 AV-1 - (1) LEGRAND - MODEL EFSB4 BOX. PROVIDE WITH (2) 120V DUPLEX RECEPTACLE. 2 INCH CONDUIT FROM DEVICE BOX TO ACCESSIBLE SPACE ABOVE CEILING. 2 INCH CONDUIT FROM DEVICE BOX TO FLOOR JUNCTION BOX. (4) CAT 6 NETWORK CABLES/JACKS TO IDF IN RM 238. CABLE COLOR: PURPLE.
- 27.402 AV-2 - (1) LEGRAND - MODEL EFSB4 BOX. PROVIDE WITH (2) 120V DUPLEX RECEPTACLE. 2 INCH CONDUIT FROM DEVICE BOX TO ACCESSIBLE SPACE ABOVE CEILING. (4) CAT 6 NETWORK CABLES/JACKS TO IDF IN RM 238. (1) CHIEF EQUIPMENT BOX - MODEL PAC3026F4P1 WPAC3026FOW PROVIDE WITH: (2) 120V DUPLEX RECEPTACLE. 2 INCH CONDUIT FROM EQUIPMENT BOX TO WALL BOX. 2 INCH CONDUIT FROM EQUIPMENT BOX TO ACCESSIBLE SPACE ABOVE CEILING. DEVICES TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
- 27.601 3" SLEEVE THROUGH WALL ABOVE CEILING
- 27.701 3/4" PLYWOOD BACKER BOARD, FIRE RETARDANT TREATED. PAINT TO MATCH WALL COLOR.

## GENERAL NOTES

- HORIZONTAL CABLEING SYSTEM SHALL BE CATEGORY 6 COMPLIANT, PLENUM RATED, UNSHEATHED TWISTED PAIR TYPE. THE CABLEING SYSTEM SHALL BE AN END-TO-END SOLUTION AND COVERED UNDER THE MANUFACTURER WARRANTY.
- ALL COMMUNICATION OUTLETS AND CABLEING MUST BE TESTED AND CERTIFIED IN COMPLIANCE WITH ANSI/EIA 802.3 AND EIA/TIA 568 CATEGORY 6 COMPLIANCE SPECIFICATIONS.
- COORDINATE LAYOUT AND INSTALLATION OF TELECOMMUNICATIONS PATHWAYS AND CABLEING WITH THE OWNER'S TELECOMMUNICATIONS AND LAN EQUIPMENT.
- COORDINATE TELECOMMUNICATION OUTLET/CONNECTOR LOCATION WITH THE LOCATION OF POWER RECEPTACLES AND FURNITURE AT EACH WORK AREA.
- LABELING SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS MAKE IN THE ANSI/TIA-606-A DOCUMENT, MANUFACTURERS RECOMMENDATION, AND BEST INDUSTRY PRACTICES.
- WHEREAS REQUIRED, COORDINATE THE INSTALLATION OF CHASES, SLOTS AND SUPPORTING DEVICES, ALONG WITH OPENINGS AND SLEEVES IN OTHER BUILDING COMPONENTS DURING THE PROGRESS OF CONSTRUCTION, TO ALLOW FOR WIRING, CABLEING AND EQUIPMENT INSTALLATIONS.
- THE OWNER HAS STANDARDIZED ON A GIGASPEED STRUCTURED CABLEING INFRASTRUCTURE FROM COMMSCOPE/SYSMAX. VENDOR SHALL ENSURE THAT ALL NECESSARY DATA CABLEING MATCHES THE MINIMUM GIGASPEED CATEGORY 6 REQUIREMENTS AND THAT THE CABLEING IS INSTALLED BY A COMMSCOPE/SYSMAX CERTIFIED INSTALLER.

## KEYPLAN



## FIRST FLOOR DATA PLAN - AREA 'A'

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

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Architects + Engineers

**KUJENY**  
ARCHITECTS

**CITY OF AURORA PUBLIC WORKS FACILITY**

CITY OF AURORA  
44 E DOWNER PLACE  
AURORA, IL 60507

ISSUE	NO.	DESCRIPTION
1	10/06/22	BID AND PERMIT DOCUMENTS
2	12/10/22	PERMIT REVISIONS
3	01/10/23	DESIGN DEVELOPMENT
4	02/03/23	DESIGN DEVELOPMENT REVISIONS
5	02/03/23	BP2 - ADDENDUM #2
6	02/10/23	BP2 - ADDENDUM #3
7	02/10/23	AS 003
8	02/10/23	AS 004
9	03/02/23	BP3 - BID DOCUMENTS

JOB NO. 19-130-1291  
DRAWN CDJ  
CHECKED JAM  
APPROVED CJH

SHEET TITLE

FIRST FLOOR DATA PLAN - AREA 'A'

SHEET NUMBER

T411



KEYNOTES

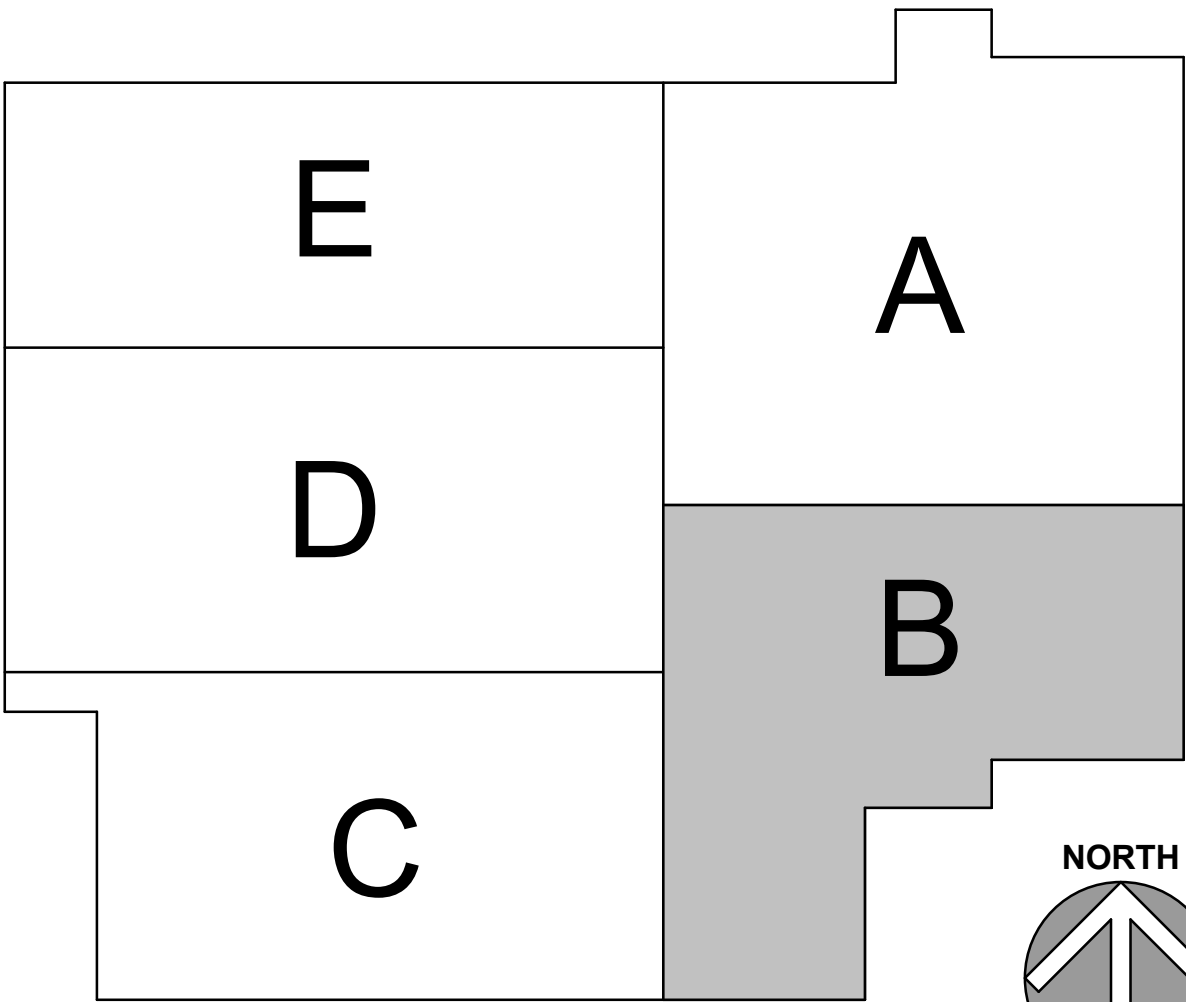
KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

- 26.303 PROVIDE MULTI-CHANNEL SURFACE RACEWAY @48" AFF. RUN LENGTH AS SHOWN ON PLANS. PROVIDE DUPLEX RECEPTACLES AS SHOWN ON PLANS.
- 26.304 LIMITS OF HAZARDOUS CLASSIFICATION, CLASS 1, DIVISION 2.
- 26.307 PROVIDE DEDICATED RECEPTACLE FOR ACCESS CONTROL PANEL. COORDINATE EXACT LOCATION WITH SECURITY CONTRACTOR PRIOR TO ROUGH-IN.
- 26.309 PROVIDE MANUAL TOGGLE SWITCH FOR EXHAUST FAN CONTROL. REFER TO SEQUENCE OF OPERATIONS (SHEET M514).

ELECTRICAL GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. INTENT OF DRAWINGS: THESE DRAWINGS ARE INTENDED TO RELAY TO CONTRACTOR A DESIGN INTENT. INCLUDE IN BID ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM AS REASONABLY INFERRABLE, AS DETERMINED BY ARCHITECT, TO ACCOMPLISH THE INTENT OF THESE DRAWINGS.
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4. UNLESS NOTED OTHERWISE, ALL HOMERUNS SHALL CONSIST OF A MAXIMUM OF 3 CIRCUITS (PHASE A, B & C, NEUTRAL & GROUND) IN 1/2" C. MINIMUM WIRE SIZE SHALL BE #12 AWG. WIRE SIZE FOR HOMERUN CIRCUITS SHALL BE 3/12, 1/12N & 1/12G.
5. CIRCUIT NUMBERS FOR EXISTING PANELS ARE FOR REFERENCE ONLY. VERIFY EXACT CIRCUIT NUMBERS IN FIELD PRIOR TO INSTALLATION. TRACE AND VERIFY EXISTING CIRCUITS TO REMAIN. DEMOLISH ANY ABANDONED CIRCUITRY. VERIFY AND RELABEL ALL CIRCUITRY LABELED ON PANEL SCHEDULES AS 'EXISTING'.
6. SECURE ALL JUNCTION BOXES TO BUILDING STRUCTURE PER NEC REQUIREMENTS.
7. ALL MEP TRADE CONTRACTORS THAT REQUIRE FIELD CORED OPENINGS THROUGH THE PRECAST FRAMING (WALLS AND FLOORS/ROOFS) ARE TO PROVIDE DESIRED HOLE SIZE AND LOCATION TO PRECAST MANUFACTURER SO THAT THE PROPOSED OPENING CAN BE VERIFIED FOR SIZE AND LOCATION TO AVOID STRUCTURAL DAMAGE TO THE PRECAST ELEMENT. DO NOT CORE THROUGH PRECAST ELEMENTS WITHOUT APPROVAL FROM PRECAST MANUFACTURER.

KEYPLAN



FIRST FLOOR POWER PLAN - AREA 'B'

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

1

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AURORA, IL 60507

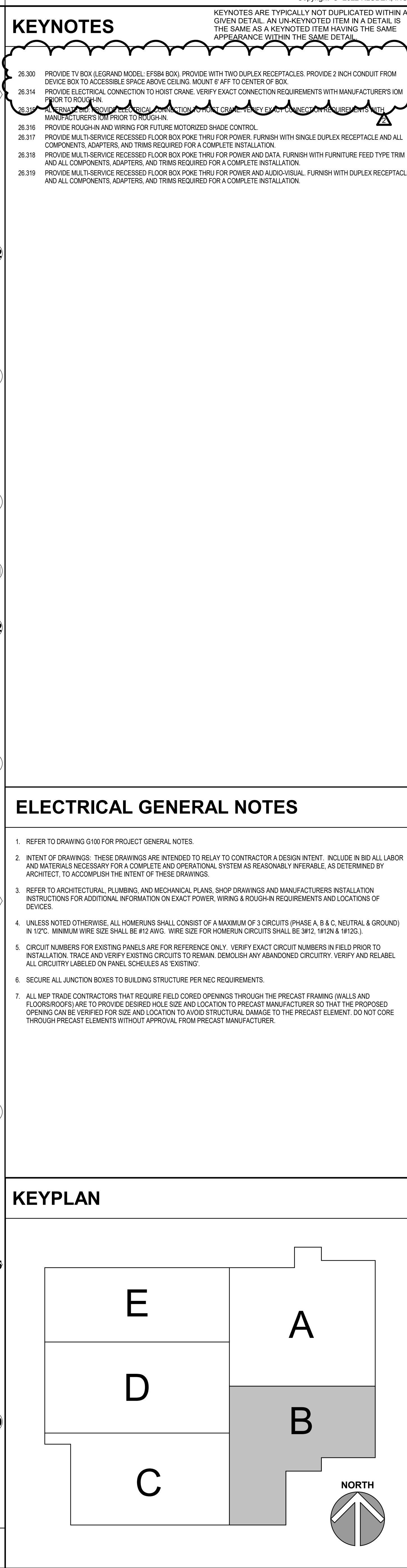
ISSUED	
1	12/18/22 DESIGN COORDINATION
2	01/11/23 PERMIT REVISIONS
3	01/26/23 ADDITIONAL PERMIT REVISIONS
4	02/01/23 BP2 - ADDENDUM #3
5	02/10/23 BP2 - ADDENDUM #3
6	07/06/23 AS3 003
7	07/06/23 AS3 003
8	07/06/23 AS3 003
9	08/03/23 BP3 - BID DOCUMENTS
11	04/22/24 RFP 003
JOB NO. 19-130-1291	
DRAWN ATR	
CHECKED MTK	
APPROVED MTK	
SHEET TITLE	
FIRST FLOOR POWER PLAN - AREA 'B'	
SHEET NUMBER	
E312	




# T412

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.





<div>  <div> <div>Klubber</div> <div>Architects + Engineers</div> </div> </div>		<div> <div>Klubber, Inc.</div> <div>             800510              Balena Illinois              Chicago Illinois 60605              tel. 312.667.5570              www.klubberinc.com           </div> </div>	
<div> <div>CITY OF AURORA PUBLIC WORKS FACILITY</div> <div> <div>CITY OF AURORA</div> <div>44 E DOWNER PLACE</div> <div>AURORA, IL 60507</div> </div> </div>			
<div> <div>ISSUED</div> <div> <div>10/05/22 BID AND PERMIT DOCUMENTS</div> <div> <div>1 12/16/22 PERMIT REVISIONS</div> <div>2 01/10/23 BID AND PERMIT REVISION</div> <div>3 01/20/23 ADDITIONAL PERMIT REVISIONS</div> <div>4 03/03/23 BPS - ADDENDUM #2</div> <div>5 03/03/23 BPS - ADDENDUM #3</div> <div>6 07/05/23 ASB 003</div> <div>7 07/26/23 ASB 004</div> <div>8 07/26/23 ASB 005</div> <div>9 10/13/23 BPS - BID DOCUMENTS</div> </div> </div> </div>		<div> <div>JOB NO.</div> <div>19-130-1291</div> </div>	
<div> <div>DRAWN</div> <div>ATR</div> </div>		<div> <div>CHECKED</div> <div>MTK</div> </div>	
<div> <div>APPROVED</div> <div>MTK</div> </div>		<div> <div>SHEET TITLE</div> <div>SECOND FLOOR POWER PLAN - AREA 'B'</div> </div>	
<div> <div>SHEET NUMBER</div> <div>E322</div> </div>			

## KEYNOTES

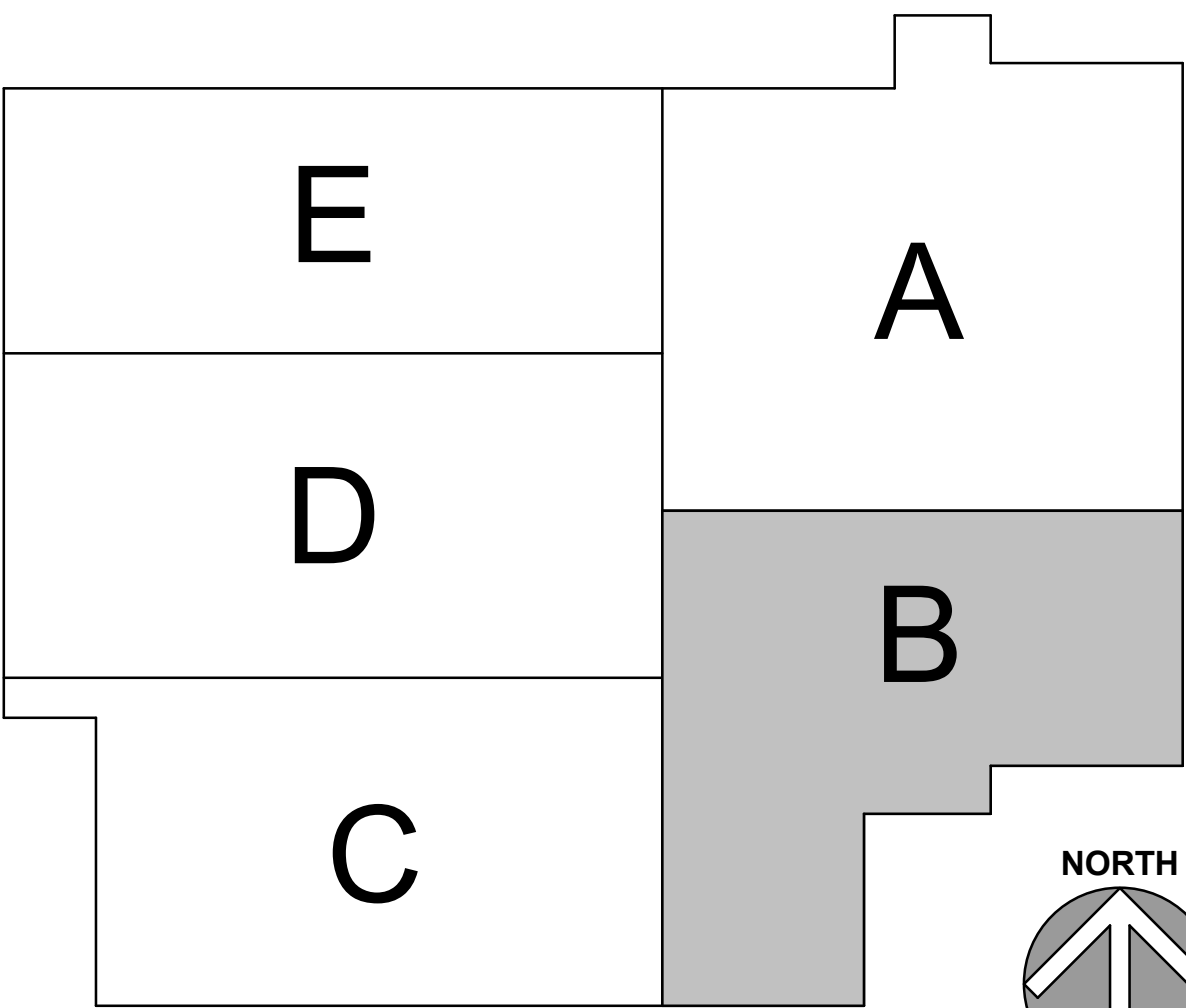
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- 27.101 4 PORT DATA OUTLET - 4-INCH SQUARE BACKBOX WITH SINGLE-GANG RING. 3/4 INCH CONDUIT FROM DEVICE BOX TO ACCESSIBLE CEILING. (4) CAT 6 NETWORK CABLES/JACKS TO MDF IN RM 246. CABLE COLOR: BLUE.
- 27.102 2 PORT DATA OUTLET - INSTALLED IN INTERNAL RACEWAY OF FURNITURE. (4) CAT6 NETWORK CABLES/JACKS TO MDF RM 246. CABLE COLOR: BLUE.
- 27.103 COMMUNICATION JUNCTION BOX - (4) UTP CAT6 CABLES TO MDF IN RM 246. CABLES WILL BE FED TO FURNITURE RACEWAYS THROUGH A FLEXIBLE CONDUIT CONNECTION. REFER TO ELECTRICAL DRAWINGS FOR BOX SPECIFICATIONS. COORDINATE INSTALLATION WITH FURNITURE BEFORE ROUGH-IN.
- 27.104 COMMUNICATION JUNCTION BOX - (6) UTP CAT6 CABLES TO MDF IN RM 246. CABLES WILL BE FED TO FURNITURE RACEWAYS THROUGH A FLEXIBLE CONDUIT CONNECTION. REFER TO ELECTRICAL DRAWINGS FOR BOX SPECIFICATIONS. COORDINATE INSTALLATION WITH FURNITURE BEFORE ROUGH-IN.
- 27.201 WAP OUTLET - (1) CAT 6 NETWORK CABLE WITH CEILING CONNECTOR PLUG TO MDF IN RM 246. PROVIDE 30FT SERVICE LOOP SECURED ABOVE CEILING OR ON BAR JOIST. CABLE COLOR: YELLOW.
- 27.301 CAMERA OUTLET - (1) CAT 6 NETWORK CABLE WITH CEILING CONNECTOR PLUG TO MDF IN RM 246. PROVIDE 30FT COILED AND SECURED ABOVE CEILING OR ON BAR JOIST. CABLE COLOR: YELLOW.
- 27.302 DOOR PROCESSING UNIT - IP DOOR CONTROL MODULE - 3-GANG JUNCTION BOX MOUNTED IN WALL ABOVE DOOR FRAME. 3/4 INCH CONDUIT FROM DEVICE BOX TO ACCESSIBLE CEILING. (1) CAT 6 NETWORK CABLE WITH CONNECTOR PLUG TO MDF IN RM 246. CABLE COLOR: YELLOW.
- 27.305 EXTERIOR CAMERA OUTLET - WATERPROOF JUNCTION BOX WITH COVER MOUNTED ON EXTERIOR WALL 12" BELOW CEILING DECK. 1 INCH CONDUIT FROM DEVICE BOX TO ACCESSIBLE CEILING OR ABOVE BAR JOIST. (1) CAT 6 NETWORK CABLE WITH CONNECTOR PLUG TO MDF RM 246. CABLE COLOR: YELLOW.
- 27.401 AV-1 - LEGRAND - MODEL: EF584 BOX. PROVIDE WITH: (2) 120V DUPLEX RECEPTACLE. 2 INCH CONDUIT FROM DEVICE BOX TO ACCESSIBLE SPACE ABOVE CEILING. 2 INCH CONDUIT FROM DEVICE BOX TO FLOOR JUNCTION BOX. (4) CAT 6 NETWORK CABLES/JACKS TO MDF IN RM 246. CABLE COLOR: PURPLE.
- 27.501 OPTICAL FIBER BACKBONE CABLING - (2) 12 STRAND OM4 MM FIBER INDOOR. FROM MDF RM 246 TO IDF RM 238
- 27.502 OPTICAL FIBER BACKBONE CABLING - (1) 12 STRAND OM4 MM FIBER INDOOR. FROM MDF RM 246 TO DATA CABINET 1
- 27.503 OPTICAL FIBER BACKBONE CABLING - (1) 12 STRAND OM4 MM FIBER INDOOR. FROM MDF RM 246 TO DATA CABINET 2
- 27.504 OPTICAL FIBER BACKBONE CABLING - (1) 12 STRAND OM4 MM FIBER INDOOR. FROM MDF RM 246 TO DATA CABINET 3
- 27.601 3" SLEEVE THROUGH WALL
- 27.602 3" SLEEVE THROUGH FLOOR
- 27.701 3/4" PLYWOOD BACKER BOARD; FIRE RETARDANT TREATED. PAINT TO MATCH WALL COLOR.

## GENERAL NOTES

- HORIZONTAL CABLING SYSTEM SHALL BE CATEGORY 6 COMPLIANT. PLENUM RATED, UNSHIELDED TWISTED PAIR TYPE. THE CABLING SYSTEM SHALL BE AN END-TO-END SOLUTION AND COVERED UNDER THE MANUFACTURER WARRANTY.
- ALL COMMUNICATION OUTLETS AND CABLING MUST BE TESTED AND CERTIFIED IN COMPLIANCE WITH ANSI/EIA 802.3 AND EIA/TIA 568 CATEGORY 6 COMPLIANCE SPECIFICATIONS.
- COORDINATE LAYOUT AND INSTALLATION OF TELECOMMUNICATIONS PATHWAYS AND CABLING WITH THE OWNER'S TELECOMMUNICATIONS AND LAN EQUIPMENT.
- COORDINATE TELECOMMUNICATION OUTLET/CONNECTOR LOCATION WITH THE LOCATION OF POWER RECEPTACLES AND FURNITURE AT EACH WORK AREA.
- LABELING SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS MAKE IN THE ANSI/TIA-606-A DOCUMENT, MANUFACTURERS RECOMMENDATION, AND BEST INDUSTRY PRACTICES.
- WHEREAS REQUIRED, COORDINATE THE INSTALLATION OF CHASES, SLOTS AND SUPPORTING DEVICES, ALONG WITH OPENINGS AND SLEEVES IN OTHER BUILDING COMPONENTS DURING THE PROGRESS OF CONSTRUCTION, TO ALLOW FOR WIRING, CABLING AND EQUIPMENT INSTALLATIONS.
- THE OWNER HAS STANDARDIZED ON A GIGASPEED STRUCTURED CABLING INFRASTRUCTURE FROM COMMSCOPE/SYSMAX. VENDOR SHALL ENSURE THAT ALL NECESSARY DATA CABLING MATCHES THE MINIMUM GIGASPEED CATEGORY 6 REQUIREMENTS AND THAT THE CABLING IS INSTALLED BY A COMMSCOPE/SYSMAX CERTIFIED INSTALLER.

## KEYPLAN



## SECOND FLOOR TECHNOLOGY PLAN - AREA 'B' - DATA

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

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**KUJENY**  
ARCHITECTS

**CITY OF AURORA PUBLIC WORKS FACILITY**  
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44 E DOWNER PLACE  
AURORA, IL 60507

ISSUED	
10/05/23	BID AND PERMIT DOCUMENTS
1	12/16/22
2	01/17/23
3	02/01/23
4	02/03/23
5	02/10/23
6	02/16/23
7	02/22/23
8	02/28/23
9	03/05/23

JOB NO.	19-130-1291
DRAWN	CDJ
CHECKED	JAM
APPROVED	CJH

SHEET TITLE

SECOND FLOOR  
DATA PLAN -  
AREA 'B'

SHEET NUMBER

**T422**