

GENERAL NOTES				DETAIL CALLOUT DRAWING NUMBER 	
ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY IBC 2018 EDITION AND SHALL CONFORM TO ALL OTHER APPLICABLE MUNICIPAL, STATE, AND FEDERAL REGULATIONS INCLUDING THE ILLINOIS ACCESSIBILITY CODE (2018) AND THE AMERICANS WITH DISABILITIES ACT.				EXTERIOR ELEVATION ELEVATION NUMBER DRAWING NUMBER 	
A. GENERAL NOTES				INTERIOR ELEVATION ELEVATION NUMBER DRAWING NUMBER 	
1. ALL CONTRACTORS ARE REQUIRED TO VISIT THE SITE AND BE KNOWLEDGEABLE REGARDING EXISTING CONDITIONS AND THEIR EFFECT ON THE PROPOSED WORK. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR, ANY CONDITIONS REQUIRING MODIFICATION BEFORE PROCEEDING WITH THE PROJECT.				SECTION REFERENCE SECTION NUMBER DRAWING NUMBER 	
2. NOTIFY THE OWNER'S REPRESENTATIVE A MINIMUM OF 72 HOURS PRIOR TO THE INTERRUPTION OF ANY UTILITY.				COLUMN NO. 	
3. PROTECT AND KEEP IN SERVICE ACTIVE UNDERGROUND UTILITIES, PIPES, OR CONDUITS, WHETHER INDICATED ON THE DRAWINGS OR NOT, UNLESS SPECIFICALLY CALLED FOR TO BE REMOVED, RELOCATED, OR DISCONNECTED AND ABANDONED.				REFERENCE LINE NO. 	
4. CONTRACTORS AND SUBCONTRACTORS SHALL COORDINATE THEIR WORK WITH THAT OF OTHER TRADES.				LOCATION ELEVATION 	
5. NO WORK WILL BE PERMITTED TO BE INSTALLED WITHOUT RECEIPT AND SUBSEQUENT REVIEW OF FULL AND COMPLETE SUBMITTALS BY THE ARCHITECT/ENGINEER.				ROOM NUMBER 	
6. DO NOT SCALE DRAWINGS, DIMENSIONS INDICATED TAKE PRECEDENCE OVER SCALE.				DOOR NO. NEW DOOR NO. EXISTING 203.2 203.1X	
7. VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD. WHERE DISCREPANCIES ARE FOUND BETWEEN DIMENSIONS OR ELEVATIONS SHOWN AND ACTUAL FIELD CONDITIONS, NOTIFY ARCHITECT/ENGINEER.				NOMINAL THICKNESS CONSTRUCTION TYPE SPECIAL CONDITION 	
8. WHERE CONFLICTS MAY EXIST BETWEEN THE REQUIREMENTS OF PORTIONS OF THE CONTRACT DOCUMENTS, THE GREATER QUANTITY, HIGHER QUALITY OR MORE STRINGENT REQUIREMENT SHALL GOVERN. THEREFORE, BY EXECUTING A CONTRACT FOR CONSTRUCTION, THE CONTRACTOR AGREES THAT, IF IT RAISED NO QUESTIONS REGARDING SUCH CONFLICTS DURING THE BIDDING PROCESS, AND IN THE ABSENCE OF A CLARIFYING ADDENDUM ISSUED DURING THE BIDDING PROCESS, IT HAS VOLUNTEERED TO COMPLY WITH THE MORE EXPENSIVE REQUIREMENT AS PART OF ITS BASE BID AND IS NOT ENTITLED TO ANY ADDITIONAL COMPENSATION TO RESOLVE THE CONFLICT.				KEYNOTE IDENTIFICATION 	
9. THE CONTRACT DOCUMENTS REQUIRE THE CONTRACTOR TO FURNISH AND INSTALL COMPLETE PRODUCTS, SYSTEMS AND SERVICES. BY EXECUTING A CONTRACT FOR CONSTRUCTION, THE CONTRACTOR AGREES THAT THE DRAWINGS SET FORTH THE DESIGN INTENT AND, THEREFORE, MAY NOT EXPRESSLY DEPICT EVERY LENGTH, SEGMENT, PIECE, PART, COMPONENT OR UNIT OF A PRODUCT, SYSTEM OR SERVICE. THE CONTRACTOR FURTHER AGREES THAT, AS PART OF ITS BID, IT MUST FURNISH AND INSTALL EVERY LENGTH, SEGMENT, PIECE, PART, COMPONENT OR UNIT OF A PRODUCT, SYSTEM OR SERVICE AND, CONSEQUENTLY, THE CONTRACTOR IS NOT ENTITLED TO ANY ADDITIONAL COMPENSATION FOR ANY LENGTH, SEGMENT, PIECE, PART COMPONENT OR UNIT OF A PRODUCT, SYSTEM OR SERVICE BECAUSE IT IS NOT EXPRESSLY DEPICTED HEREIN.				WINDOW TYPE IDENTIFICATION 	
B. MISCELLANEOUS AND DEMOLITION NOTES				TOILET ACCESSORY IDENTIFICATION 	
1. COORDINATE PENETRATIONS AND/OR SLEEVES REQUIRED IN WALLS, FLOORS, CEILINGS OR ROOFS FOR MECHANICAL AND ELECTRICAL WORK REQUIRED BY ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.				SPOT ELEVATION 	
2. SEAL WITH UL APPROVED MATERIALS PENETRATIONS OF DUCTWORK, CONDUIT AND PIPES THROUGH FIRE-RATED ASSEMBLIES, TO MAINTAIN THE RATING INTEGRITY OF THOSE ASSEMBLIES. PROVIDE FIRE DAMPERS AS INDICATED ON THE DRAWINGS.				FIRE-RATING 	
3. SEAL WITH ACOUSTICAL SEALANT PENETRATIONS OF DUCTWORK, CONDUIT AND PIPES THROUGH NON-RATED FLOORS, FULL-HEIGHT WALLS/PARTITIONS, ACOUSTICALLY INSULATED WALLS/PARTITIONS, AND SOUND-RATED WALLS/PARTITIONS, TO MAINTAIN THE ACOUSTICAL INTEGRITY OF THOSE ASSEMBLIES.				CONCRETE 	
4. APPLY APPROPRIATE & COMPATIBLE SEALANT MATERIALS AS REQUIRED TO SEPARATE DISSIMILAR METALS, FILL GAPS IN EXISTING ASSEMBLIES OR WHERE NEW AND EXISTING ASSEMBLIES MEET OR WHERE OTHERWISE REQUIRED BY THE SPECIFICATIONS.				BRICK MASONRY IN PLAN 	
5. BRING ANY UNFORESEEN OR CONFLICTING CONDITIONS TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.				CONCRETE MASONRY IN PLAN (RUNNING BOND) 	
6. REPAIR, PATCH, OR REPLACE FINISH MATERIALS OR VISIBLE ASSEMBLIES THAT ARE SOILED, CUT OR DAMAGED IN ANY FASHION DURING THE COURSE OF THE WORK. PERFORM PATCHING SUCH THAT EDGES BLEND INTO CONTIGUOUS SURFACES SMOOTHLY, MATCHING TEXTURE AND COLOR OF ADJACENT SURFACES.				CONCRETE MASONRY IN PLAN (STACK BOND) 	
B. BIDDING NOTES				STONE MASONRY IN PLAN 	
1. CONTRACTOR TO PROVIDE A \$5,000 ALLOWANCE IN HIS/HER BID FOR UNFORESEEN/MISCELLANEOUS CONDITIONS. WHEN FIGURING THE ALLOWANCE IN THE BID, CONTRACTOR IS TO INCLUDE ALL NECESSARY OVERHEAD AND PROFIT. THIS ALLOWANCE IS NOT FOR THE CONTRACTOR'S BENEFIT, AND IS ONLY AUTHORIZED TO CHARGE AGAINST THE ALLOWANCE WHEN DIRECTED AND APPROVED BY JOLIET JUNIOR COLLEGE. THE CONTRACTOR WILL BE ALLOWED TO INVOICE FOR MATERIAL AND RAW LABOR COST ONLY.				RAKED JOINT IN PLAN CTRL./FEW. JOINT IN PLAN 	
STANDARD ABBREVIATIONS				BRICK MASONRY IN SECTION DETAIL 	
⊙ AT EWH PTN PARTITION				CONCRETE MASONRY IN SECTION DETAIL 	
A B ANCHOR BOLT EXIST ELECTRIC WATER HEATER PTN PAVMT PAVEMENT				STONE MASONRY IN SECTION DETAIL 	
ABR ABRASIVE EXP EXPANSION PC PC PIECE				STEEL IN SECTION DETAIL 	
ACP ACOUSTICAL CEILING PANEL EXP CONST EXPOSED CONSTRUCTION PL PL PLATE				DISCONTINUOUS ROUGH WOOD BLOCKING IN SECTION 	
ACT ACOUSTICAL CEILING TILE FD FLOOR DRAIN PLAM PLASTIC LAMINATE(D)				CONTINUOUS ROUGH WOOD FRAMING/BLOCKING IN SECTION 	
AFF ABOVE FINISH FLOOR FDN FOUNDATION PL PLASTER				FINISHED WOOD IN SECTION DETAIL 	
AFG ABOVE FINISH GRADE FNDN FOUNDATION PLB'G PLUMBING				RIGID BOARD INSULATION 	
ACOU ACOUSTIC FE FIRE EXTINGUISHER PLB'G CONTR PLUMBING CONTRACTOR				RIGID BOARD INSULATION (ROOFING) 	
ADDN ADDITION FEC FIRE EXTINGUISHER CABINET PLYWD PLYWOOD				BATT INSULATION 	
ADD'L ADDITIONAL FHC FIRE HOSE CABINET PNT PAINT				GYPSUM BOARD 	
AL ADJUTANT OR ADJUSTABLE FIN FINISH PLYWOOD PLASTER				ACoustic CEILING PANEL 	
AL ALUMINUM FLR FLOOR PVC PRECAST (CONCRETE) OPENING				BITUMINOUS CONCRETE (ASPHALT) PAVING IN SECTION 	
ALT ALTERNATE FRT FIRE RETARDANT TREATED PL-(1) POLYVINYL CHLORIDE				AGGREGATE BALLAST, FILL OR BACKFILL IN SECTION 	
ANCHR ANCHOR FUR CHN'L FURRING CHANNEL R RISER				UNDISTURBED EARTH 	
AP ACCESS PANEL FTG FOOTING R OR RAD RADIUS				EARTH BACKFILL 	
APPROX APPROXIMATE GA GAUGE RD ROOF DRAIN				ROUGH FLOORING (TYPE) 	
ASPH ASPHALT GALV GALVANIZED RO ROUGH OPENING				RIGHT HAND 	
AUTO AUTOMATIC GEN CONTR GENERAL CONTRACTOR RF (1) RUBBER FLOORING (TYPE)				REFERENCE 	
AVG AVERAGE GC GENERAL CONTRACTOR RH RH RIGHT HAND				REINFORCE/REINFORCING/REINFORCED 	
BSMT BASEMENT GL GLASS REQ'D REQUIRED				REQUIRED 	
B/ BOTTOM OF GYP BD-(1) GYPSUM WALL BOARD (TYPE) RM RM ROOM				SF SQUARE FOOT	
BD BOARD GYP PL-(1) GYPSUM PLASTER (TYPE) SI SQUARE INCH				SK SINK	
BET BETWEEN H HIGH SS STAINLESS STEEL				SSK SERVICE SINK	
BIT BITUMINOUS HD HD HEAVY DUTY OR HARD SQ SQUARE				SCHED SCHEDULE	
BLDG BUILDING HDNR HARDENER SEAL/HDNR SEALER/HARDENER				SEC SECTION	
BLKG BLOCKING (WOOD) HD WD-(1) HARD WOOD (TYPE) SHT SHEET				SIM SIMILAR	
BM BEAM HDWR HARDWARE SS STAINLESS STEEL				SOG SLAB ON GRADE	
B.M. BENCH MARK HT HEIGHT SSK SERVICE SINK				SPEC(S) SPECIFICATION(S)	
BRG BEARING HM HOLLOW METAL SQ SQUARE				SPC'G SPACING	
BRKT BRACKET HP HIGH POINT SSK SERVICE SINK				SPK'R SPEAKER	
BRK BRICK HORIZ HORIZONTAL SCHED SCHEDULE				STD STANDARD	
BT STL PL BENT STEEL PLATE HTG HEATING SEAL/HDNR SEALER/HARDENER				STD WT STANDARD WEIGHT	
CJ CONSTRUCTION OR CONTRACTION JOINT HVAC HEATING/VENTILATING/AIR CONDITIONING				STL STEEL	
CAB CABET IN INCH SHT SHEET				STRUCT STRUCTURE OR STRUCTURAL	
CEM PL-(1) CEMENT PLASTER (TYPE) ID INSIDE DIAMETER SIM SIMILAR				SUSP SUSPEND(ED)	
CT PAV-(1) CERAMIC PAVER TILE (TYPE) INCL INCLUDE/INCLUDING/INCLUDED SOG SLAB ON GRADE				SYM SYMMETRICAL	
CIP CAST-IN-PLACE INSUL INSULATION/INSULATING/INSULATED SPEC(S) SPECIFICATION(S)				T TREAD	
CLG CEILING JT JOINT SPC'G SPACING				T&G TONGUE AND GROOVE	
CLR CLEAR KD KNOCK DOWN SPK'R SPEAKER				T/BEAM TOP OF	
C.O. CLEAN-OUT L LONG STD STANDARD				T/BEAM TOP OF BEAM	
CMU CONCRETE MASONRY UNIT LAM LAMINATE/LAMINATING/LAMINATED STD WT STANDARD WEIGHT				T/C TOP OF CURB	
COL COLUMN LAV LAVATORY STL STEEL				T/FNDN TOP OF FOUNDATION	
COMB COMBINATION LH LEFT HAND SUSP SUSPEND(ED)				T/STL TOP OF STEEL	
COMP COMPRESSIBLE OR COMPACTED LP LOW POINT SYM SYMMETRICAL				T/WALL TOP OF WALL	
CONC CONCRETE LT WT LIGHTWEIGHT T TREAD				TB (4) TACKBOARD (LENGTH IN FEET)	
CONC OPNG CONCRETE OPENING LLH LONG LEG HORIZONTAL T&G TONGUE AND GROOVE				T/MAS TOP OF MASONRY	
COND CONDITION LLV LONG LEG VERTICAL TYP TYPICAL				UD (WINDOW) UNIT DIMENSION	
CONT CONTINUOUS LVR LOUVER T/BEAM TOP OF				UNLESS NOTED OTHERWISE	
CONTR CONTRACT(OR) MO MASONRY OPENING T/BEAM TOP OF BEAM				VBC VINYL BASE COVERED	
CPT-(1) CARPET (TYPE) MT METAL THRESHOLD T/C TOP OF CURB				VBS VINYL BASE STRAIGHT	
CT-(1) CERAMIC TILE (TYPE) MAS MASONRY T/FNDN TOP OF FOUNDATION				VCT VINYL COMPOSITION TILE	
CTR COUNTER MATL MATERIAL T/STL TOP OF STEEL				VEN PL (1) VENEER PLASTER (TYPE)	
CTR SK COUNTER SINK MAX MAXIMUM T/WALL TOP OF WALL				VERT VERTICAL	
CTRS CENTER(S) MB (16) MARKERBOARD (LENGTH IN FEET) TB (4) TACKBOARD (LENGTH IN FEET)				W WIDE OR WIDTH	
CUH CABINET UNIT HEATER MECH MECHANICAL TYP TYPICAL				WITH WITH	
CUV CABINET UNIT VENTILATOR MECH CONTR MECHANICAL CONTRACTOR UD (WINDOW) UNIT DIMENSION				WITHOUT WITHOUT	
DIA DIAMETER MFR MANUFACTURER UNO UNLESS NOTED OTHERWISE				WCG WALL CORNER GUARD	
DIM DIMENSION MIN MINIMUM OR MINUTE(S) VBC VINYL BASE COVERED				WD WOOD	
DN DOWN MISC MISCELLANEOUS VBS VINYL BASE STRAIGHT				WDW WINDOW	
DOOR DOOR OPENING MSB MOP SERVICE BASIN (SINK) VCT VINYL COMPOSITION TILE				WT WEIGHT	
DR DRAWINGS MT(D) MOUNT(ED) VEN PL (1) VENEER PLASTER (TYPE)				WP WATER PROOF	
DTL DETAIL MTL METAL NOT IN CONTRACT				WWF WELDED WIRE FABRIC	
DWL'S DOWELS NIC NOT IN CONTRACT				WSB WALL SERVICE BASIN	
EA EACH NOM NOMINAL W WIDE OR WIDTH					
EJ EXPANSION JOINT NTS NOT TO SCALE					
EL ELEVATION NO NUMBER					
ELEC ELECTRIC/ELECTRICAL OA OVERALL OR OUTSIDE AIR					
ELEC CONTR ELECTRICAL CONTRACTOR OC ON CENTER					
ELEV ELEVATOR OR ELEVATION OD OUTSIDE DIAMETER					
EMBED EMBEDMENT OF OUTSIDE FACE OR OPPOSITE FACE					
EMER EMERGENCY OPNG OPENING					
EP EPOXY OPP OPPOSITE OR OPPOSITE HAND					
EQ EQUAL PSF POUNDS PER SQUARE FOOT					
EW EACH WAY PS POUNDS PER SQUARE INCH					
EWC ELECTRIC WATER COOLER PT PRESSURE TREATED OR PAINT					
THE MATERIALS, ABBREVIATIONS, AND DRAFTING SYMBOLS LEGEND ARE EACH AN ALL INCLUSIVE MASTER LIST USED BY THIS FIRM. THE INCLUSION OF THESE LEGENDS INTO THESE DOCUMENTS DOES NOT IMPLY THAT ALL THE SYMBOLS OR MATERIALS INCLUDED IN THESE LEGENDS ARE INCORPORATED INTO THIS PROJECT. ABBREVIATIONS MAY APPEAR WITH PERIODS OR OTHER PUNCTUATION SEPARATING CHARACTERS ON THE DRAWINGS; THE MEANING REMAINS THE SAME.					

DRAFTING SYMBOLS AND MATERIALS LEGEND



PROJECT

MAIN CAMPUS LIGHTING REPLACEMENT

JOLIET JUNIOR COLLEGE
MAIN CAMPUS
1215 HOUBOLT ROAD
JOLIET, IL 60431

OWNER

JOLIET JUNIOR COLLEGE
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ARCHITECT/
ENGINEER

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SCOPE OF WORK

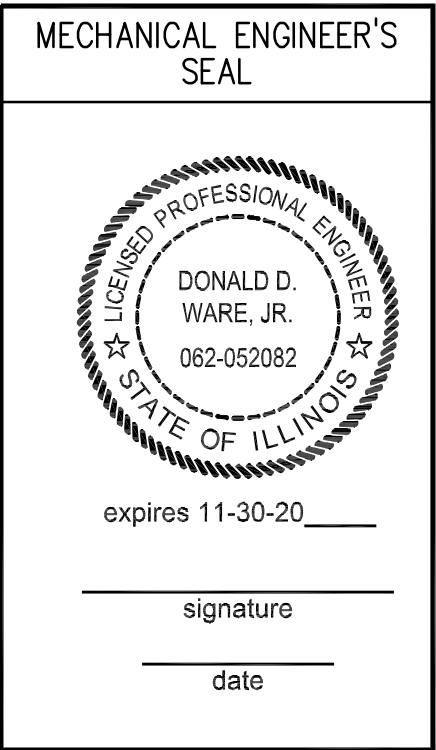
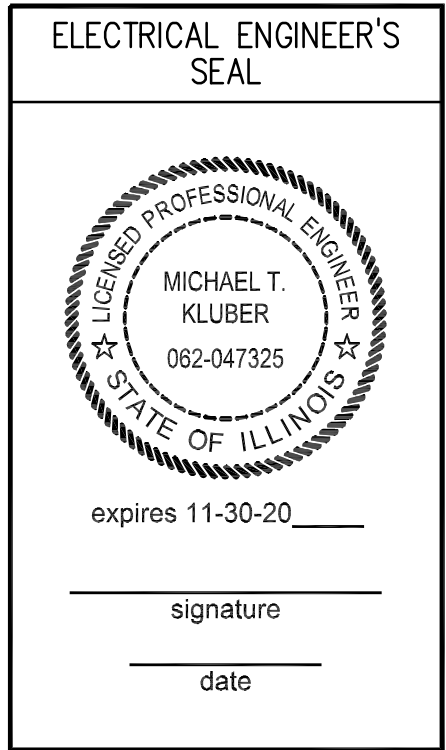
THIS PROJECT CONSISTS OF THE REMOVAL AND REPLACEMENT OF EXISTING HID AND FLUORESCENT FIXTURES WITH LED LUMINAIRES AND MINOR CONTROLS MODIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL, DISPOSAL AND REMEDIATION OF ALL EXISTING LUMINAIRES (LAMPS, BALLASTS[IF REQUIRED]) INCLUDING DUMPSTER. CONTRACTOR SHALL ASSIST OWNER IN REPORT PREPARATION/SUBMITTALS FOR GRANT AND COMMONWEALTH EDISON ENERGY REBATES. MINOR MECHANICAL WORK TO PROVIDE RETURN GRILLES WITH SOUND BOOT IN CLASSROOMS WITH AIR-HANDLING LUMINAIRES TO BE REPLACED.

100% BID DOCUMENTS

SEALS & CERTIFICATIONS

I HAVE PREPARED, OR CAUSED TO BE PREPARED UNDER MY DIRECT SUPERVISION, THE ATTACHED PLAN AND SPECIFICATIONS AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND TO THE EXTENT OF MY CONTRACTUAL OBLIGATION, THEY ARE IN COMPLIANCE WITH IBC 2018 EDITION, THE ENVIRONMENTAL BARRIERS ACT AND THE ILLINOIS ACCESSIBILITY CODE.

KLUBER, INC. ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE #184-001284



INDEX OF DRAWINGS

G100	COVER SHEET, GENERAL NOTES, SYMBOLS, & DRAWING INDEX
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E402	ALTERNATE NO. 1 – ELECTRICAL SITE LIGHTING PLAN – MAIN CAMPUS ENTRANCE DRIVE
E403	ELECTRICAL SITE LIGHTING PHOTOMETRIC PLAN – MAIN CAMPUS
E410	ALTERNATE NO. 3 – ELECTRICAL LIGHTING PLANS – MAIN CAMPUS CLASSROOMS BUILDINGS B,C,E,F
E412	ALTERNATE NO. 2 – ELECTRICAL LIGHTING PLANS – MAIN CAMPUS BUILDING J 1ST FLR
E420	ALTERNATE NO. 3 – ELECTRICAL LIGHTING PLANS – MAIN CAMPUS CLASSROOMS BUILDINGS C,D,E
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E432	ALTERNATE NO. 2 – ELECTRICAL LIGHTING PLANS – MAIN CAMPUS BUILDING J 3RD FLR
E442	ALTERNATE NO. 2 – ELECTRICAL LIGHTING PLANS – MAIN CAMPUS BUILDING J 4TH FLR

APPLICABLE CODES

2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL FUEL AND GAS CODE
2018 INTERNATIONAL EXISTING BUILDING CODE
2018 INTERNATIONAL FIRE CODE
2020 NATIONAL ELECTRICAL CODE
LOCAL AMENDMENTS TO THE ABOVE CODES

2014 ILLINOIS PLUMBING CODE
2021 ILLINOIS ENERGY CONSERVATION CODE
(2021 INTERNATIONAL ENERGY CONSERVATION CODE W/STATE AMENDMENTS)
2018 ILLINOIS ACCESSIBILITY CODE

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ISSUED

03/04/24 100% BID DOCUMENTS

JOB NO. 23-292-1523

DRAWN ATR

CHECKED MTK

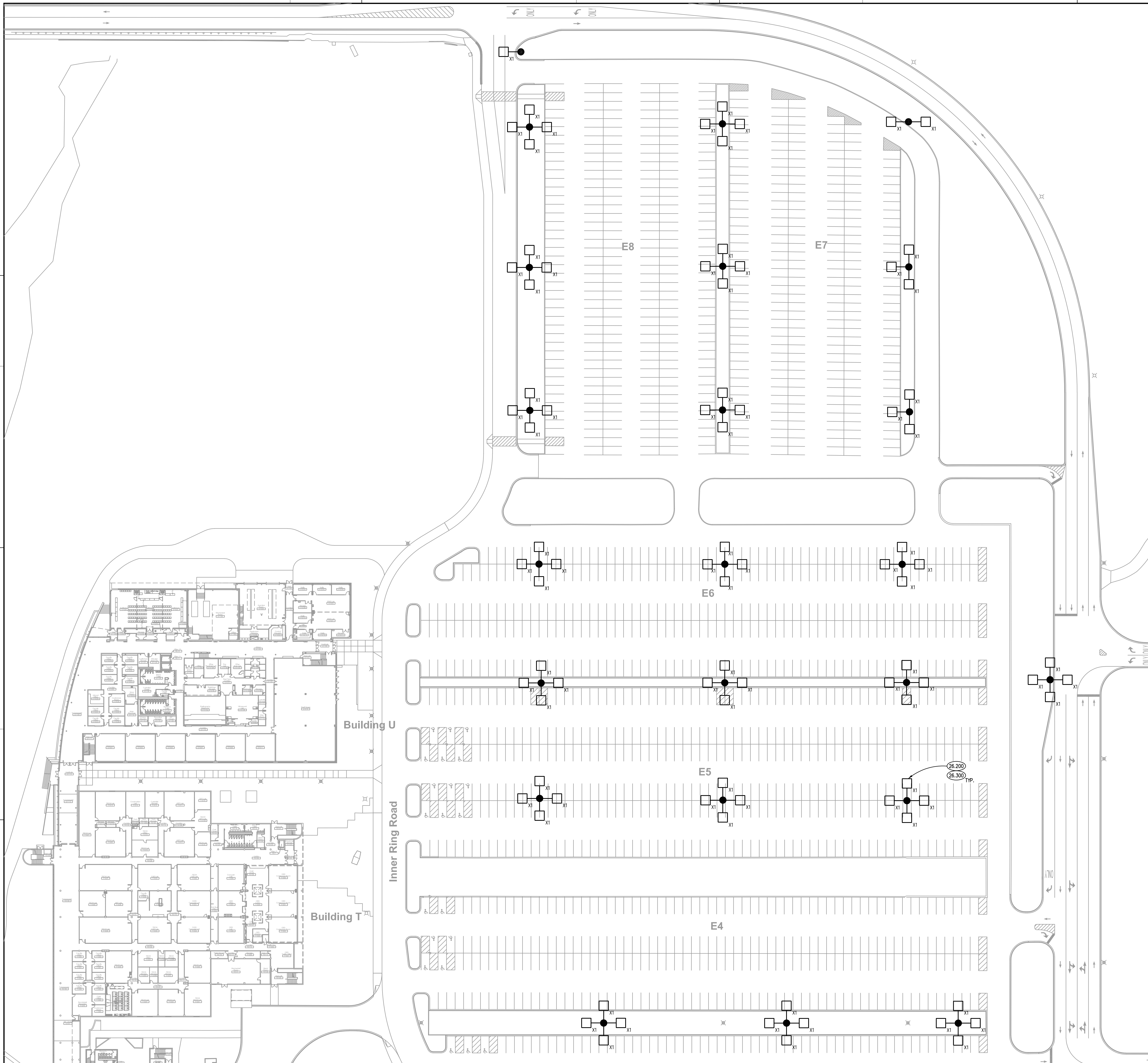
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SHEET TITLE

COVER SHEET, GENERAL NOTES, SYMBOLS AND DRAWING INDEX

SHEET NUMBER

G100



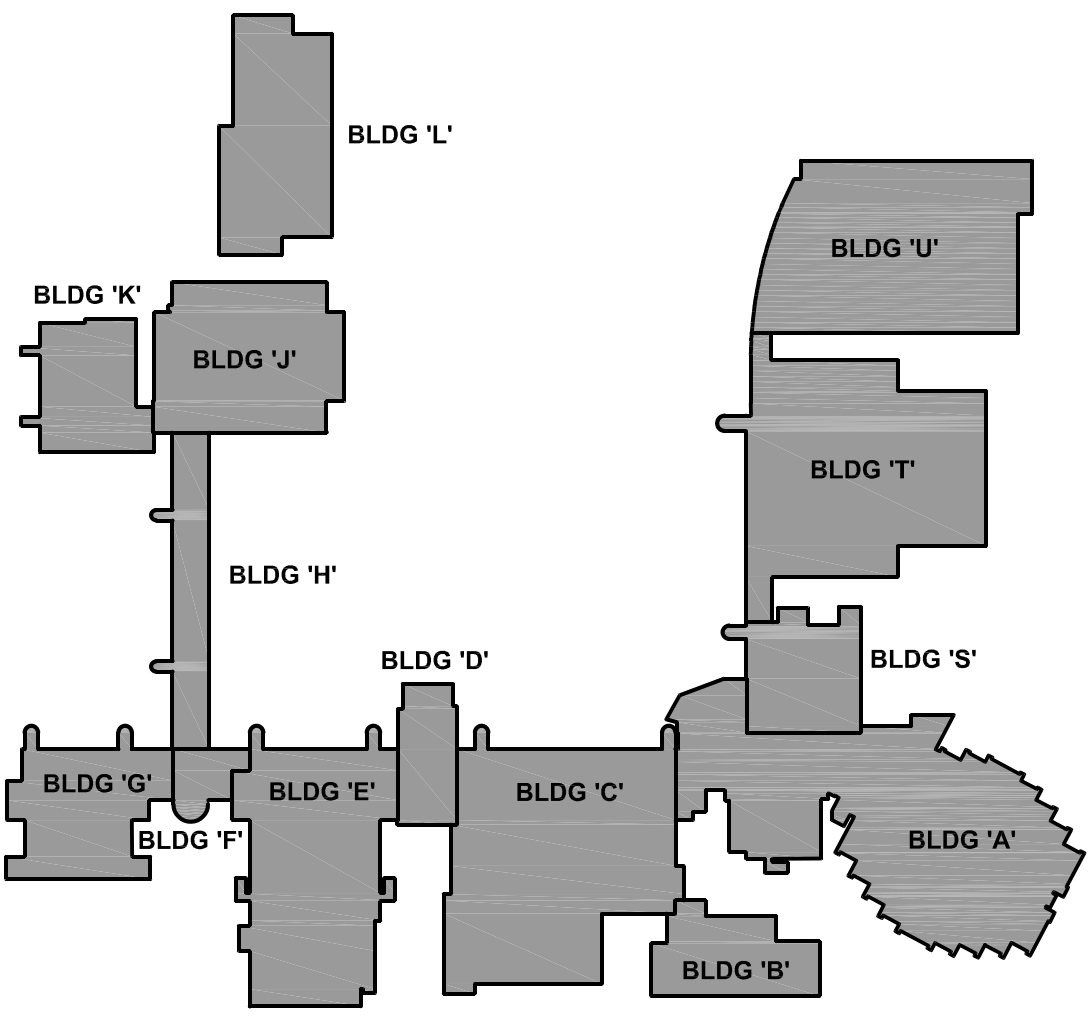
BASE BID - SITE LIGHTING PLAN - LOTS E4, E5, E6, E7, AND E8
SCALE: 40' = 1'-0" 1

KEYNOTES

- 26.200 DEMOUSH EXISTING HID LUMINAIRE. DISCONNECT AND PROTECT EXISTING BRANCH CIRCUITRY FOR REUSE.
- 26.300 PROVIDE NEW POLE MOUNT LUMINAIRE (REFER TO LIGHTING FIXTURE SCHEDULE, SHEET E421). EXISTING POLE TO REMAIN AND BE REUSED. FIELD VERIFY EXISTING MOUNTING REQUIREMENTS PRIOR TO INSTALLATION.

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.

KEY PLAN



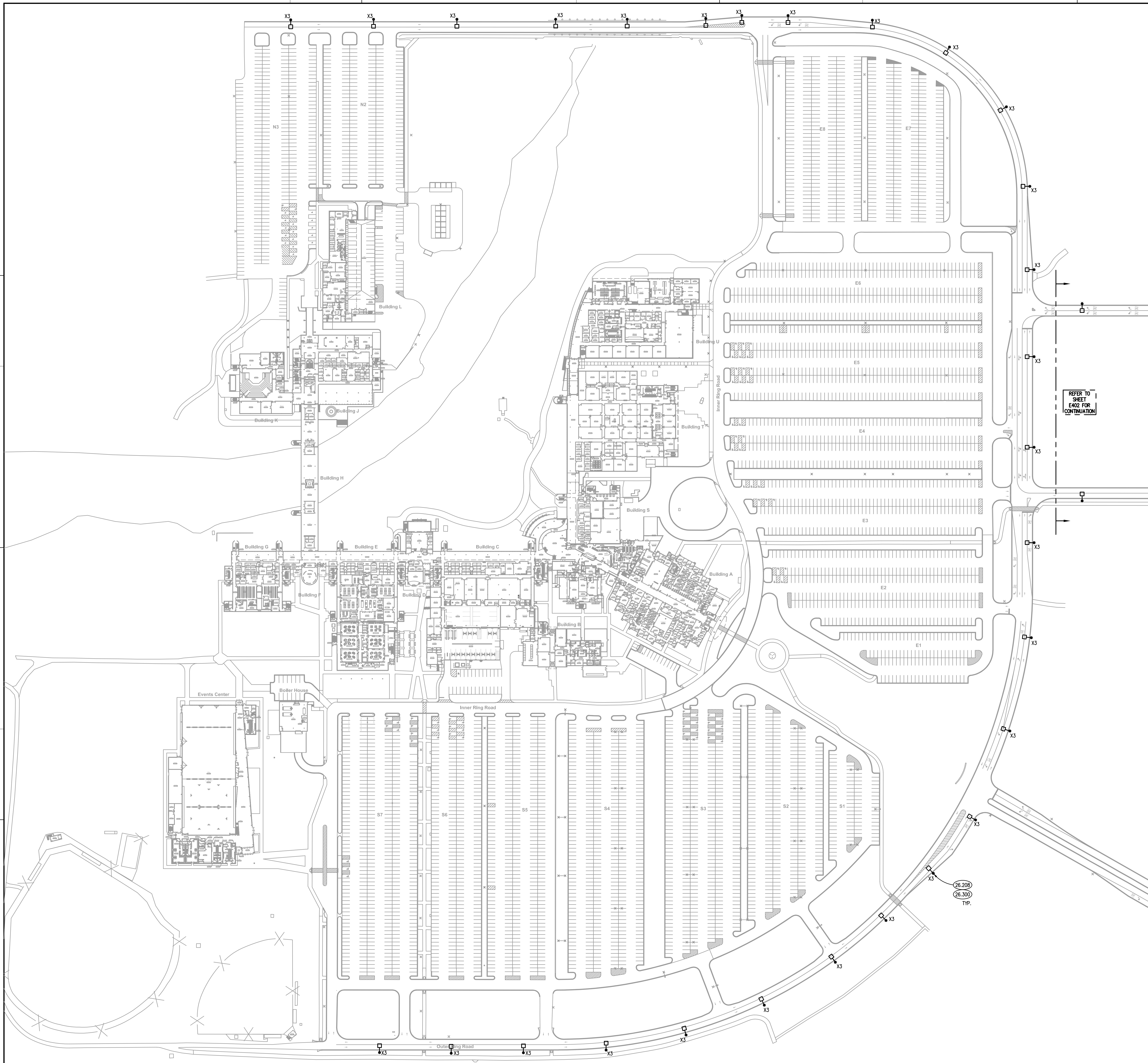
MAIN CAMPUS LIGHTING REPLACEMENT

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03/04/24	100% BID DOCUMENTS
JOB NO.	23-292-1523
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SHEET TITLE	
ELECTRICAL SITE LIGHTING PLAN - MAIN CAMPUS PARKING LOTS E4-E8	
SHEET NUMBER	
E400	



KEYNOTES

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26.208 DEMOLISH EXISTING POLE MOUNT LUMINAIRE. DISCONNECT AND PROTECT EXISTING BRANCH CIRCUITRY FOR REUSE.

26.300 PROVIDE NEW POLE MOUNT LUMINAIRE (REFER TO LIGHTING FIXTURE SCHEDULE, SHEET E421). EXISTING POLE TO REMAIN AND BE REUSED. FIELD VERIFY EXISTING MOUNTING REQUIREMENTS PRIOR TO INSTALLATION.

KEY PLAN

BLDG 'L'
BLDG 'K'
BLDG 'J'
BLDG 'I'
BLDG 'H'
BLDG 'G'
BLDG 'F'
BLDG 'E'
BLDG 'D'
BLDG 'C'
BLDG 'B'
BLDG 'A'
BLDG 'U'
BLDG 'T'
BLDG 'S'
BLDG 'R'
BLDG 'Q'

MAIN CAMPUS LIGHTING REPLACEMENT

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SHEET TITLE
ALTERNATE NO. 1
ELECTRICAL SITE
LIGHTING PLAN - MAIN
CAMPUS OUTER RING
ROAD

SHEET NUMBER
E401

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

KEYNOTES

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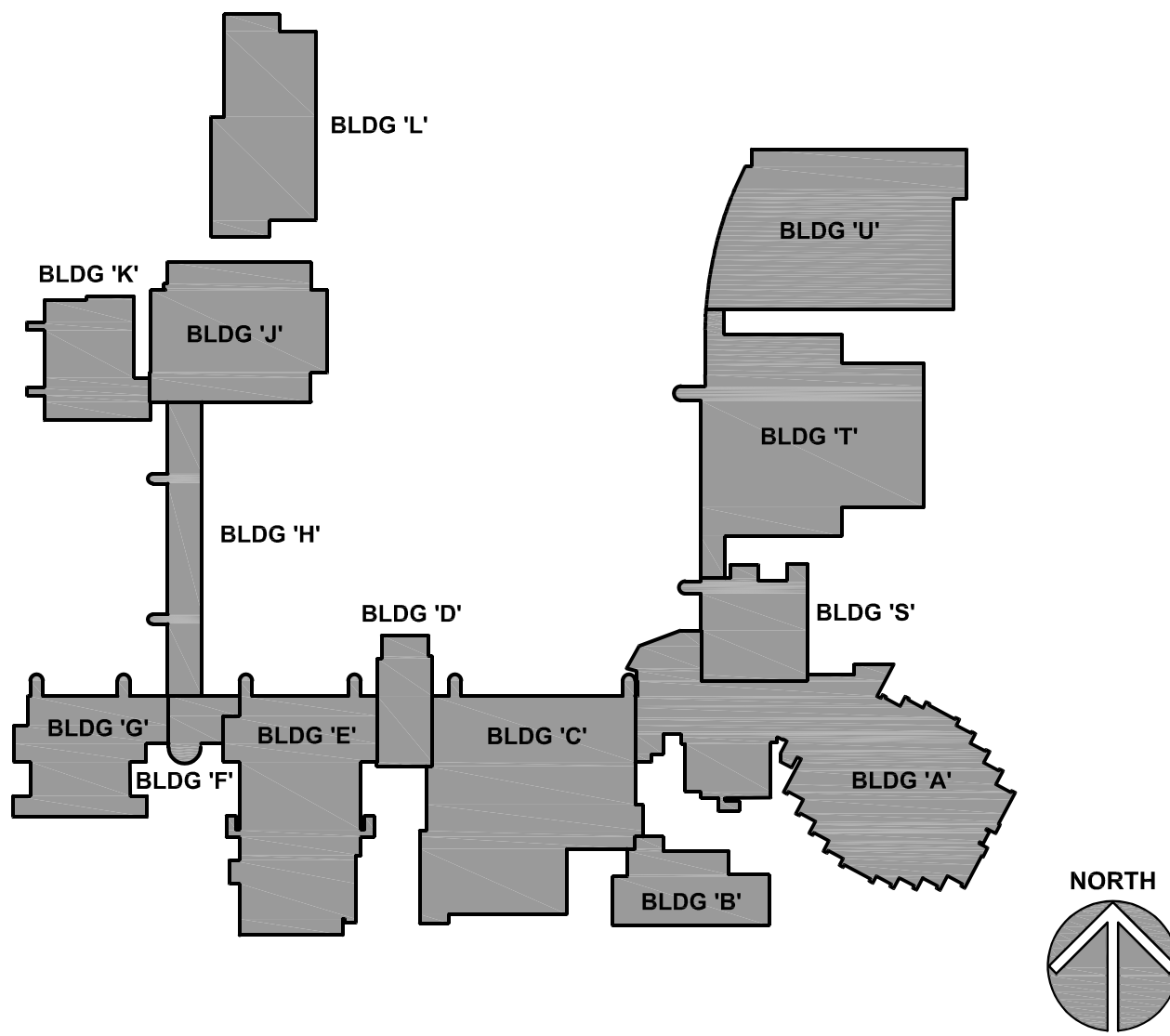
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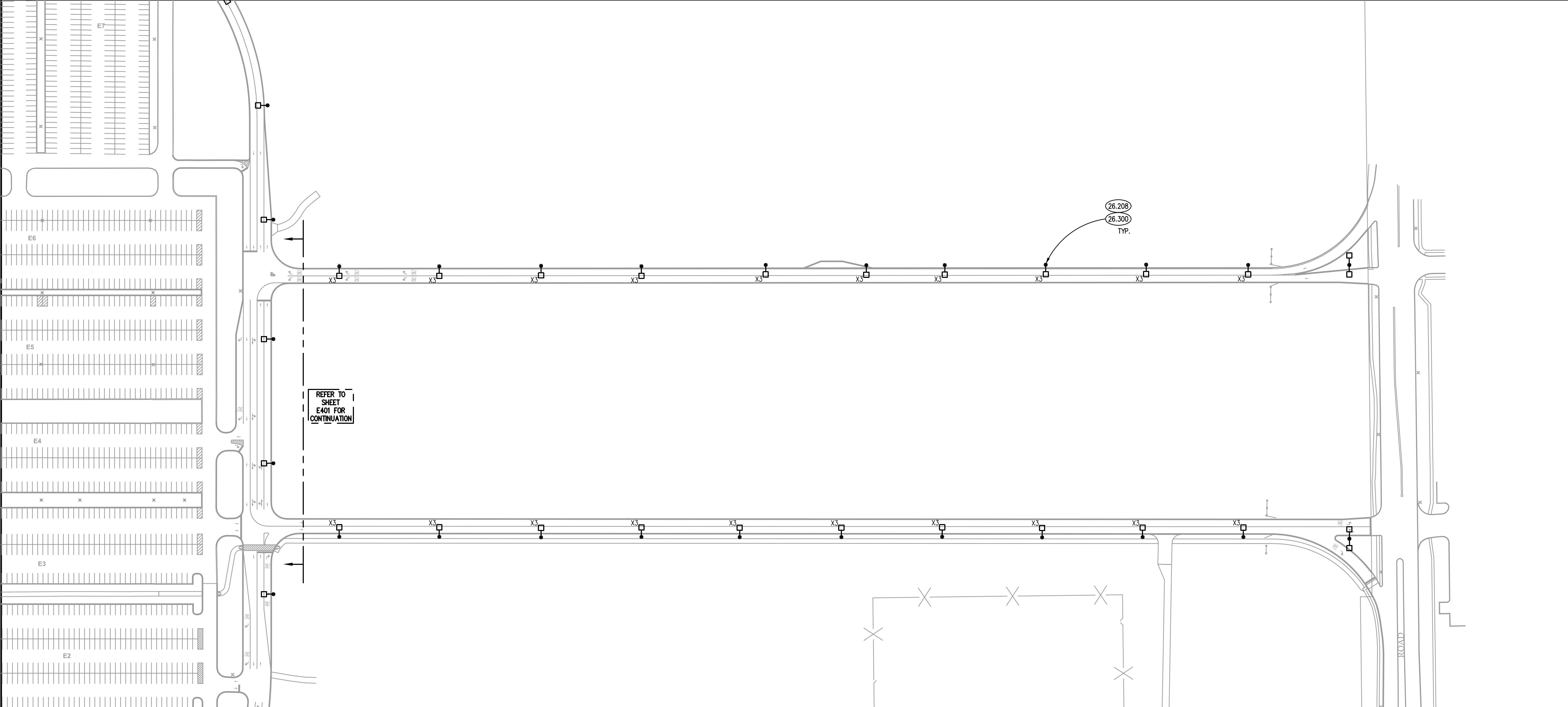
MAIN CAMPUS LIGHTING REPLACEMENT

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KEY PLAN

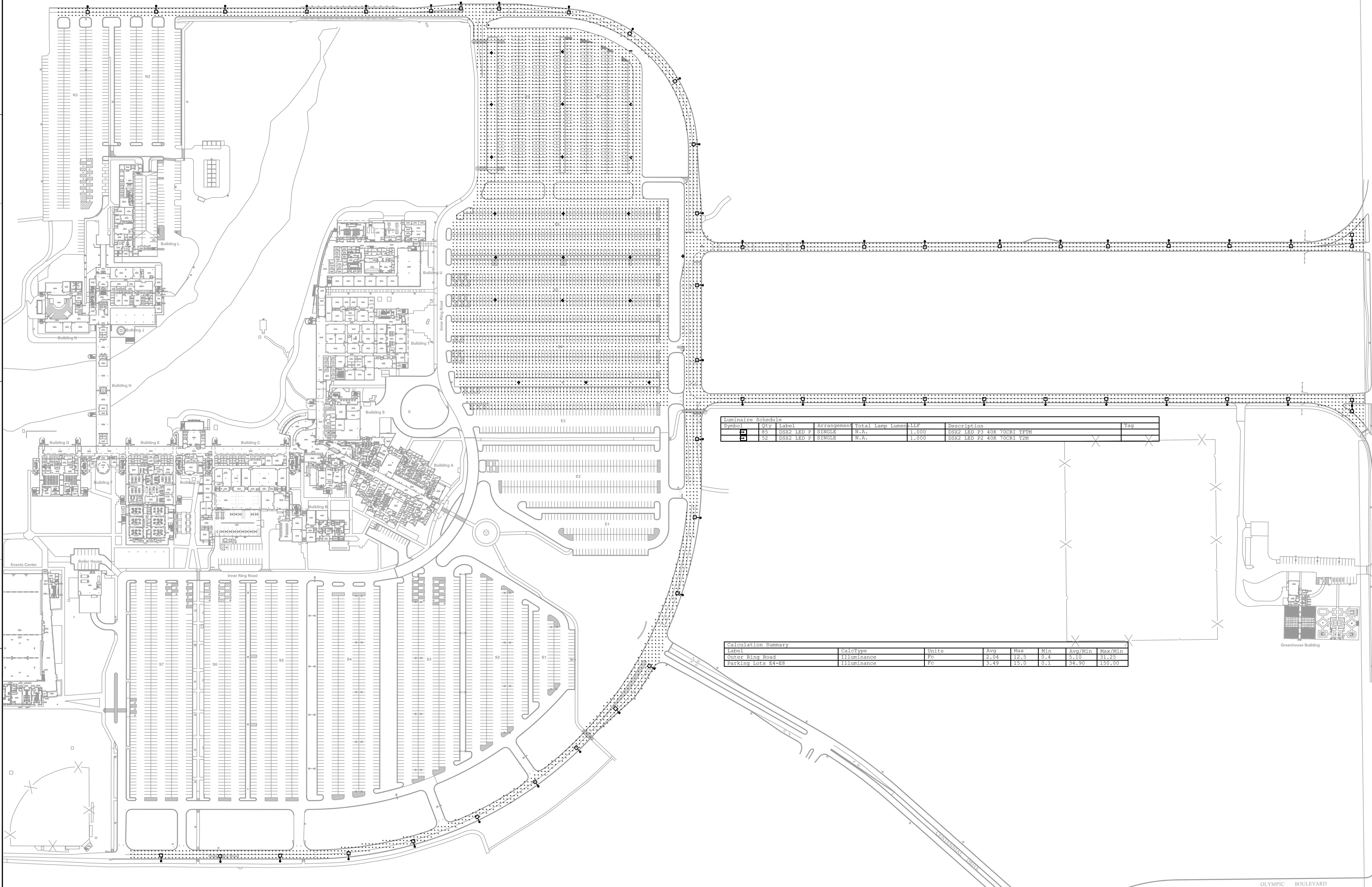


ISSUED	
03/04/24	100% BID DOCUMENTS
JOB NO.	23-292-1523
DRAWN	ATR
CHECKED	MTK
APPROVED	MTK
SHEET TITLE	
ALTERNATE NO. 1 ELECTRICAL SITE LIGHTING PLAN - MAIN CAMPUS ENTRANCE DRIVE	
SHEET NUMBER	
E402	



ALTERNATE NO. 1 - SITE LIGHTING PLAN - ENTRANCE DRIVE 1
SCALE: 90' = 1'-0"

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



Luminaire Schedule							
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	Tag
LS	55	DSX2 LED P3	SINGLE	N.A.	1.000	DSX2 LED P3 40K 70CRI FETM	
LS	52	DSX2 LED P2	SINGLE	N.A.	1.000	DSX2 LED P2 40K 70CRI 12W	

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min Max/Min
Outer Ring Road	Illuminance	Fc	2.04	12.5	0.4	5.10 31.25
Parking Lots E4-E8	Illuminance	Fc	3.49	15.0	0.1	34.90 150.00

OVERALL PHOTOMETRIC PLAN
SCALE: N.T.S.

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03/04/24 100% BID DOCUMENTS

JOB NO. 23-292-1523

DRAWN ATR

CHECKED MTK

APPROVED MTK

SHEET TITLE

ELECTRICAL SITE
LIGHTING
PHOTOMETRIC PLAN -
MAIN CAMPUS

SHEET NUMBER

E403

MAIN CAMPUS LIGHTING REPLACEMENT

JOLIET JUNIOR COLLEGE
1215 HOUBOLT ROAD
JOLIET, ILLINOIS 60431

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

KEYNOTES

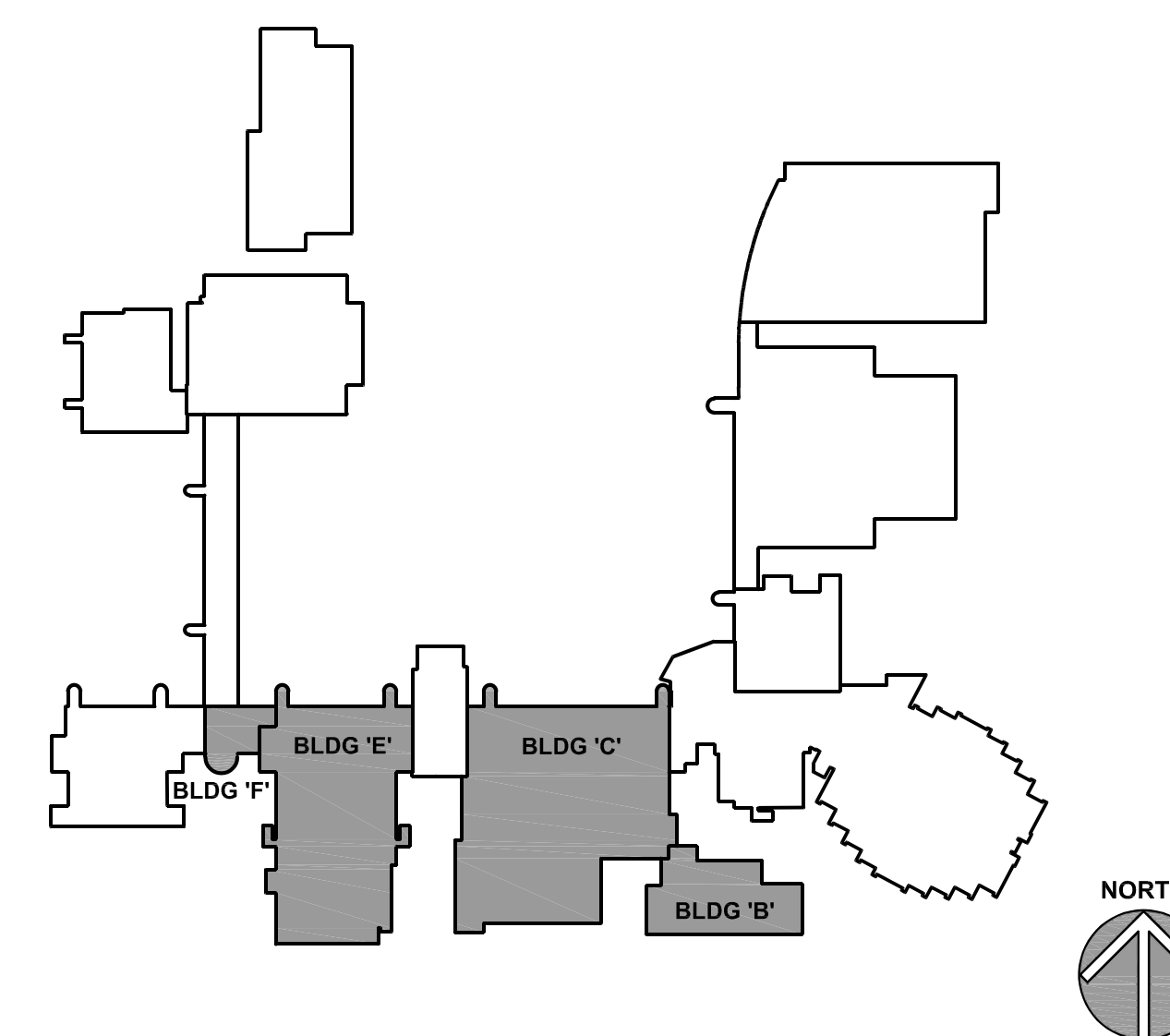
KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UNKEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

- 23.300 PROVIDE NEW RETURN GRILL AND SOUND BOOT AS DETAILED.
- 26.202 DEMOLISH EXISTING FLUORESCENT TROFFER. DISCONNECT AND PROTECT EXISTING BRANCH CIRCUITRY FOR REUSE.
- 26.204 DEMOLISH EXISTING FLUORESCENT WRAPAROUND. DISCONNECT AND PROTECT EXISTING BRANCH CIRCUITRY FOR REUSE.
- 26.205 DEMOLISH EXISTING INCANDESCENT CAN LIGHT. DISCONNECT AND PROTECT EXISTING BRANCH CIRCUITRY FOR REUSE.
- 26.304 PROVIDE NEW LED 2'X4' LAY-IN LED FLAT PANEL LUMINAIRE. EXTEND EXISTING BRANCH CIRCUITRY TO NEW LUMINAIRE TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM.
- 26.305 PROVIDE POWER PACK AND NEW 0-10V DIMMER SWITCH AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
- 26.306 PROVIDE NEW LED WRAPAROUND LUMINAIRE. EXTEND EXISTING BRANCH CIRCUITRY TO NEW LUMINAIRE AS REQUIRED TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM.
- 26.307 PROVIDE NEW LED RECESSED DOWNLIGHT. EXTEND EXISTING BRANCH CIRCUITRY TO NEW LUMINAIRE.

ELECTRICAL GENERAL NOTES

- REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
- 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 INFERABLE, AS DETERMINED BY ARCHITECT, TO ACCOMPLISH THE INTENT OF THESE DRAWINGS.
- UNLESS NOTED OTHERWISE, ALL HOMERUNS SHALL CONSIST OF A MAXIMUM OF 3 CIRCUITS (PHASE A, B & C, NEUTRAL & GROUND) IN 3/4" C. MINIMUM WIRE SIZE SHALL BE #12 AWG. WIRE SIZE FOR HOMERUN CIRCUITS SHALL BE 3#12, 1#12N & 1#12G.
- SECURE ALL JUNCTION BOXES TO BUILDING STRUCTURE PER NEC REQUIREMENTS.
- PRIOR TO DEMOLITION: CONTRACTOR TO FIELD VERIFY EXISTING LIGHTING POWER CONSUMPTION ON A PER ROOM BASIS. COMPLETE TYPED REPORT AND SUBMIT TO OWNER.

KEYPLAN



Kluber
Architects + Engineers

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tel. 309.330.0400
www.kluberinc.com

MAIN CAMPUS LIGHTING REPLACEMENT

JOLIET JUNIOR COLLEGE
1215 HOUBOLT ROAD
JOLIET, ILLINOIS 60431

ISSUED	
03/04/24	100% BID DOCUMENTS

JOB NO. 23-292-1523
DRAWN ATR
CHECKED MTK
APPROVED MTK

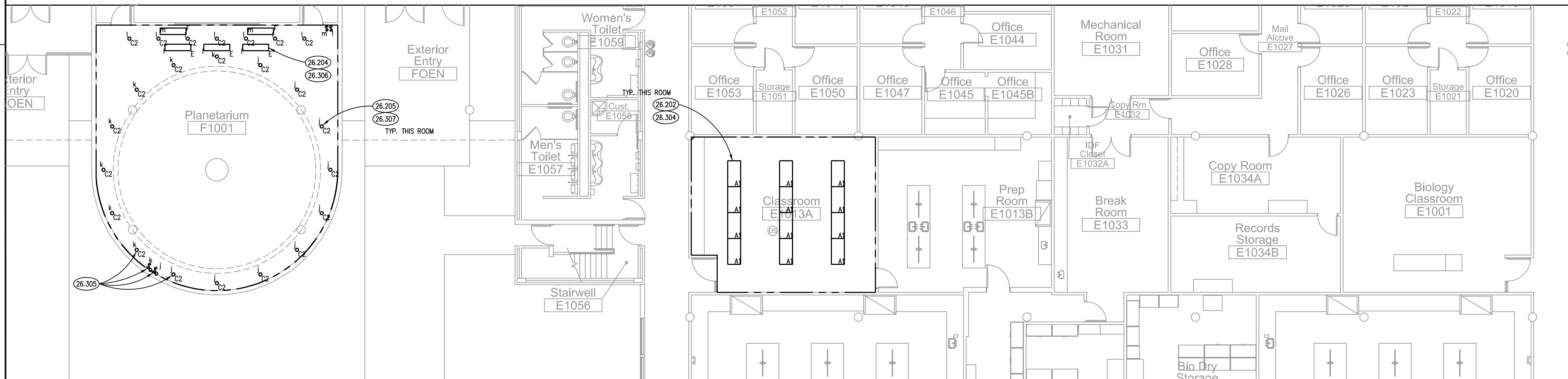
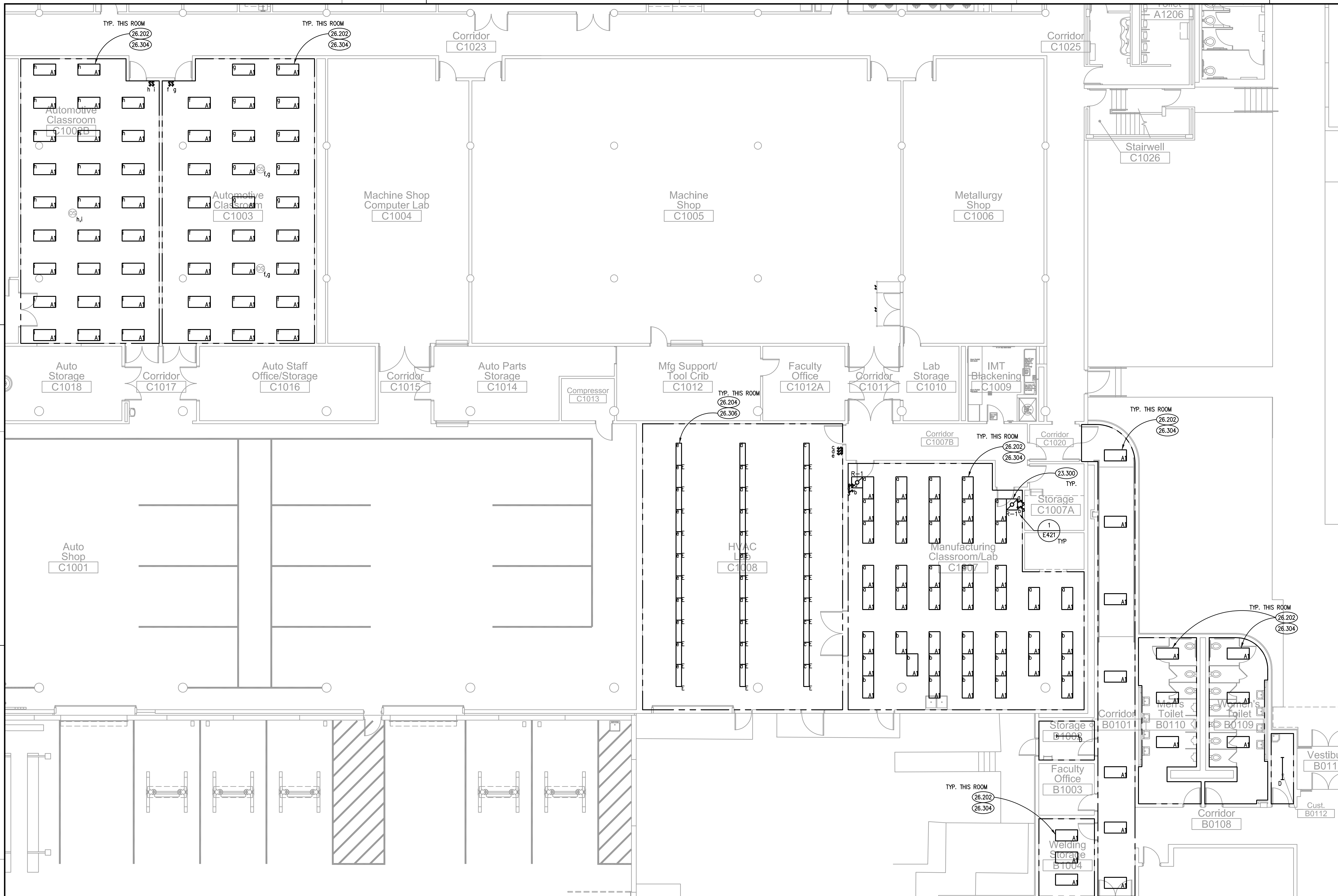
SHEET TITLE
ALTERNATE NO. 3
ELECTRICAL LIGHTING PLANS -
MAIN CAMPUS
CLASSROOMS
BUILDINGS B, C, E, F
SHEET NUMBER

E410

ALTERNATE NO. 3 - PARTIAL BUILDING B & BUILDING C FIRST FLOOR CLASSROOMS

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

2



KEYNOTES

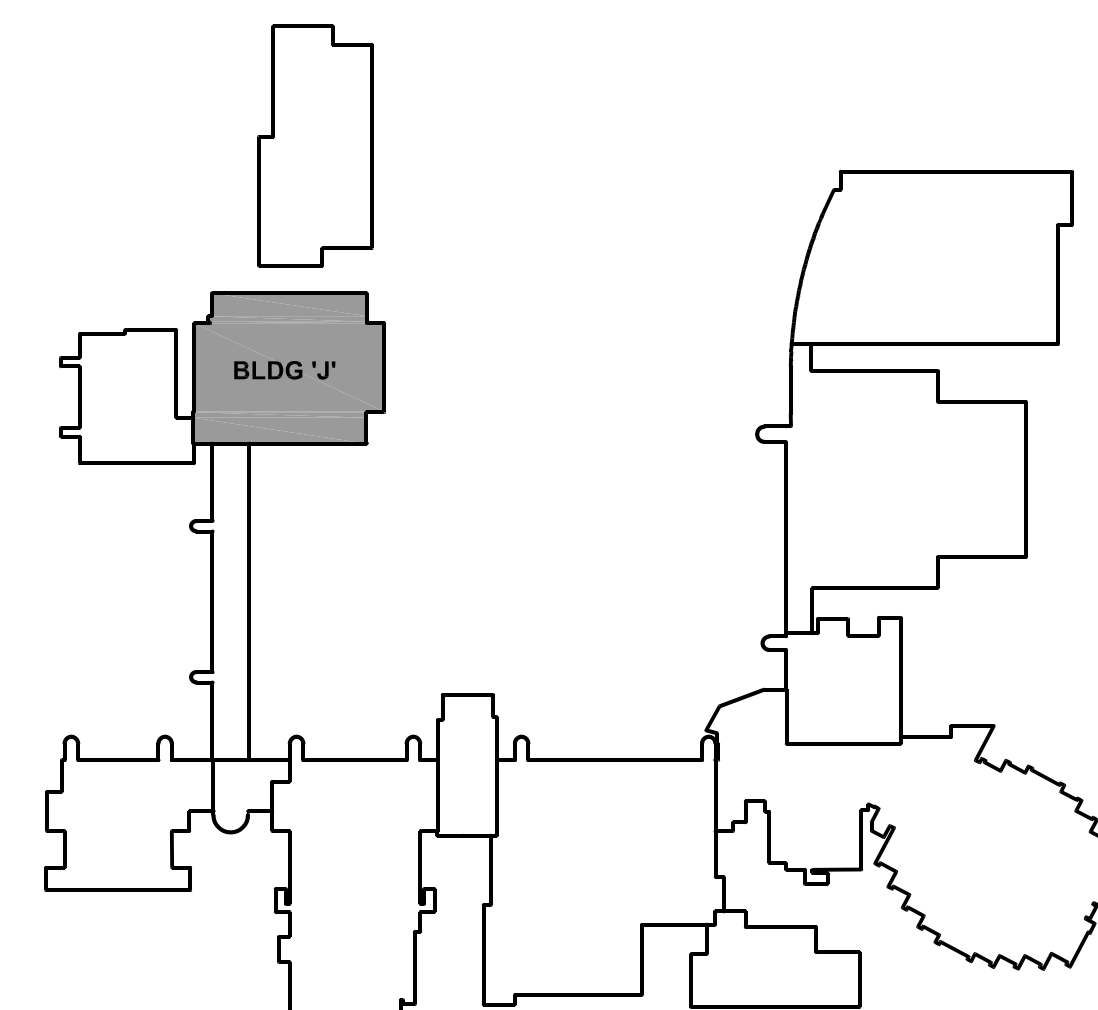
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- 26.204 DEMOLISH EXISTING FLUORESCENT WRAPAROUND. DISCONNECT AND PROTECT EXISTING BRANCH CIRCUITRY FOR REUSE.
- 26.205 DEMOLISH EXISTING INCANDESCENT CAN LIGHT. DISCONNECT AND PROTECT EXISTING BRANCH CIRCUITRY FOR REUSE.
- 26.306 PROVIDE NEW LED WRAPAROUND LUMINAIRE. EXTEND EXISTING BRANCH CIRCUITRY TO NEW LUMINAIRE AS REQUIRED TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM.
- 26.307 PROVIDE NEW LED RECESSED DOWNLIGHT. EXTEND EXISTING BRANCH CIRCUITRY TO NEW LUMINAIRE.

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KEY PLAN



ALTERNATE NO. 2 - BUILDING J FIRST FLOOR

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

1

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MAIN CAMPUS LIGHTING REPLACEMENT

JOLIET JUNIOR COLLEGE
1215 HOUBOLT ROAD
JOLIET, ILLINOIS 60431

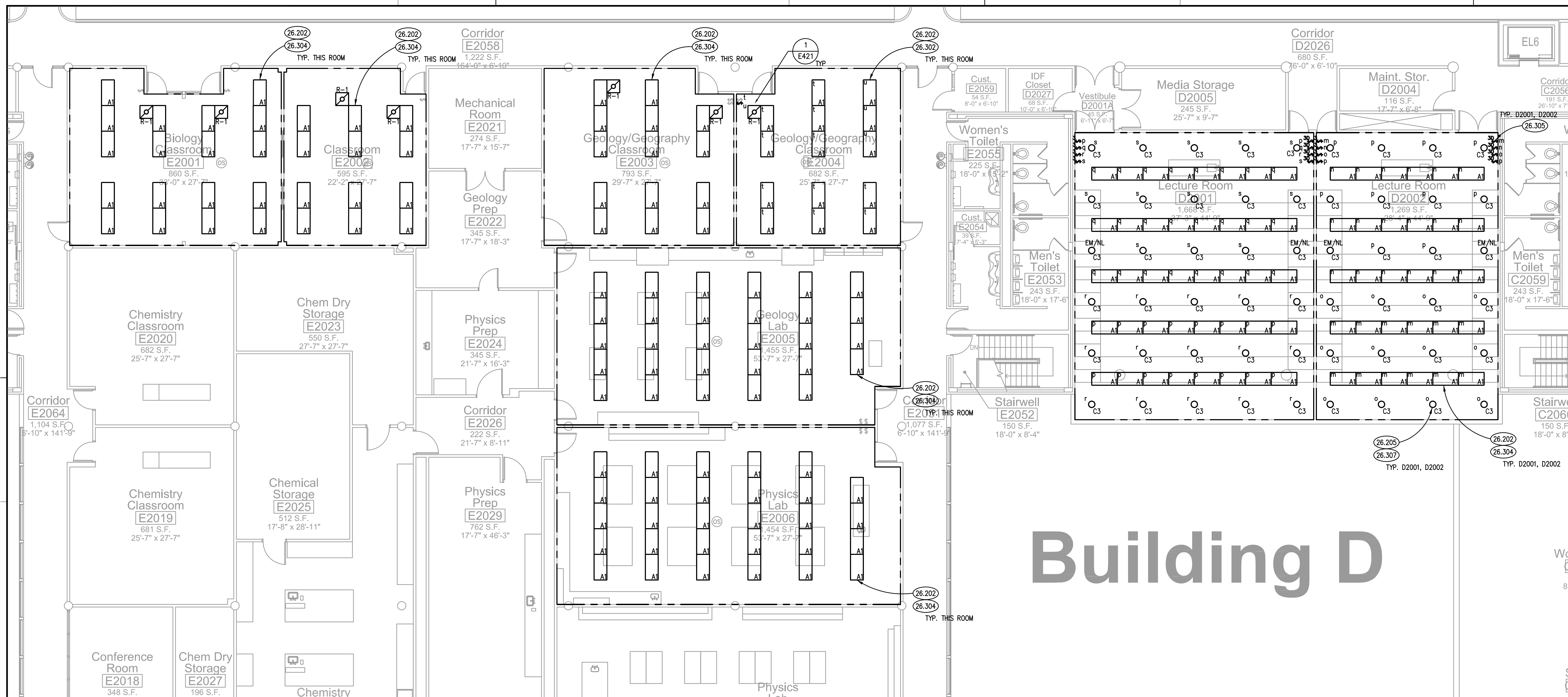
ISSUED	100% BID DOCUMENTS
03/04/24	

JOB NO. 23-292-1523
DRAWN ATR
CHECKED MTK
APPROVED MTK

SHEET TITLE
ALTERNATE NO. 2
ELECTRICAL
LIGHTING PLANS -
MAIN CAMPUS
BUILDING J 1ST FLR

SHEET NUMBER

E412

**KEYNOTES**

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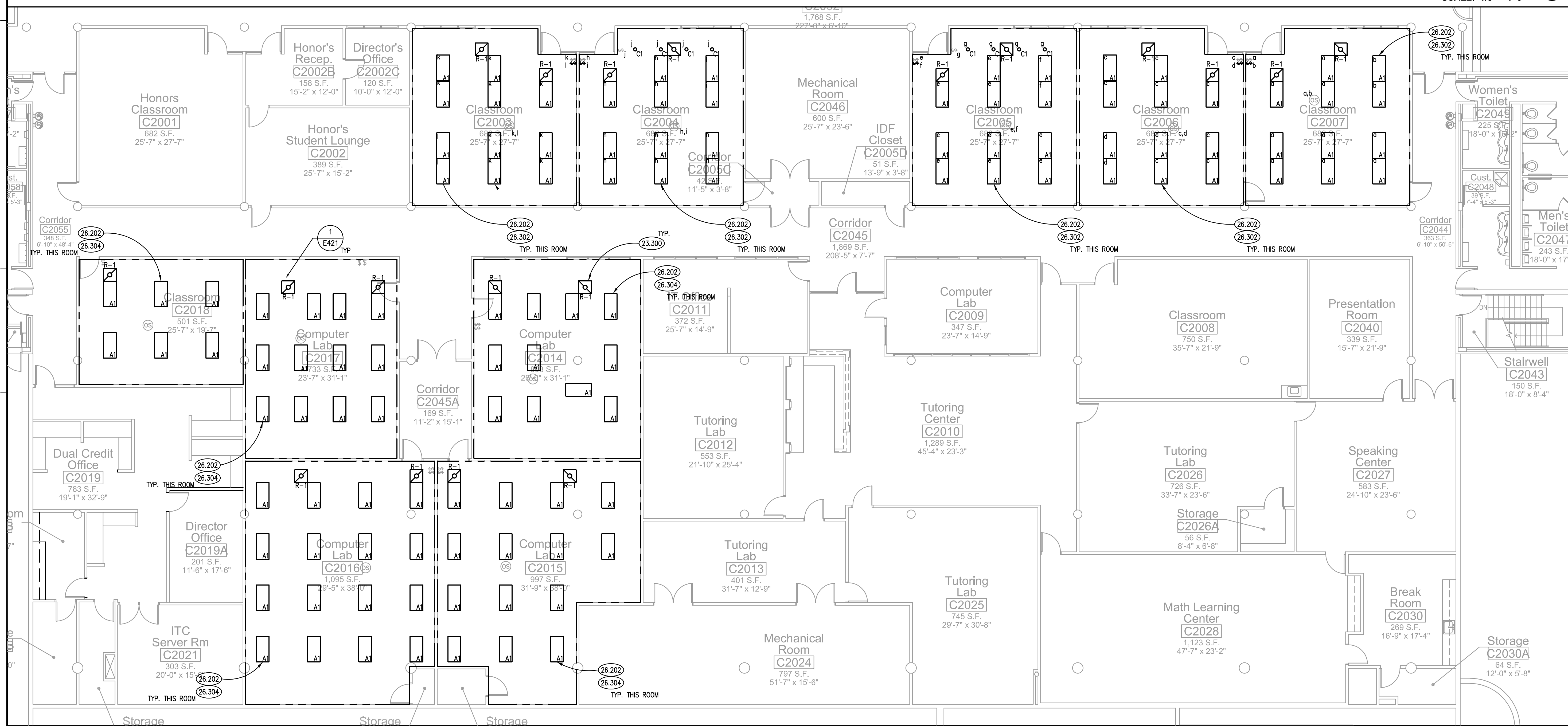
- 23.300 PROVIDE NEW RETURN GRILL AND SOUND BOOT AS DETAILED.
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- 26.205 DEMOLISH EXISTING INCANDESCENT CAN LIGHT. DISCONNECT AND PROTECT EXISTING BRANCH CIRCUITRY FOR REUSE.
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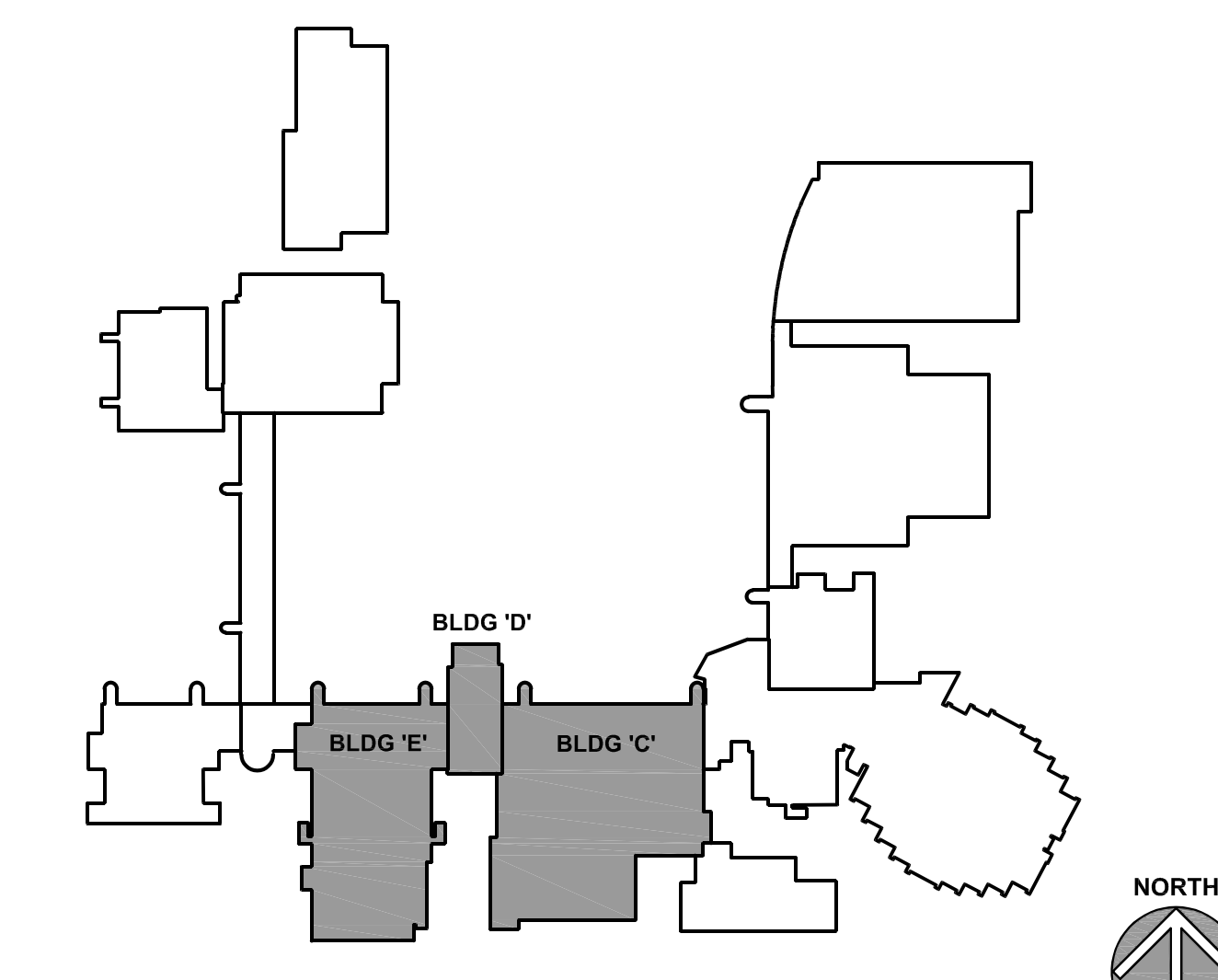
Kluber, Inc.
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MAIN CAMPUS LIGHTING REPLACEMENT

JOULET JUNIOR COLLEGE
1215 HOUBOLT ROAD
JOULET, ILLINOIS 60431

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KEY PLAN

ISSUED	100% BID DOCUMENTS
03/04/24	

JOB NO. 23-292-1523
DRAWN ATR
CHECKED MTK
APPROVED MTK

SHEET TITLE
ALTERNATE NO. 3
ELECTRICAL LIGHTING PLANS -
MAIN CAMPUS
CLASSROOMS
BUILDINGS C & D
SHEET NUMBER

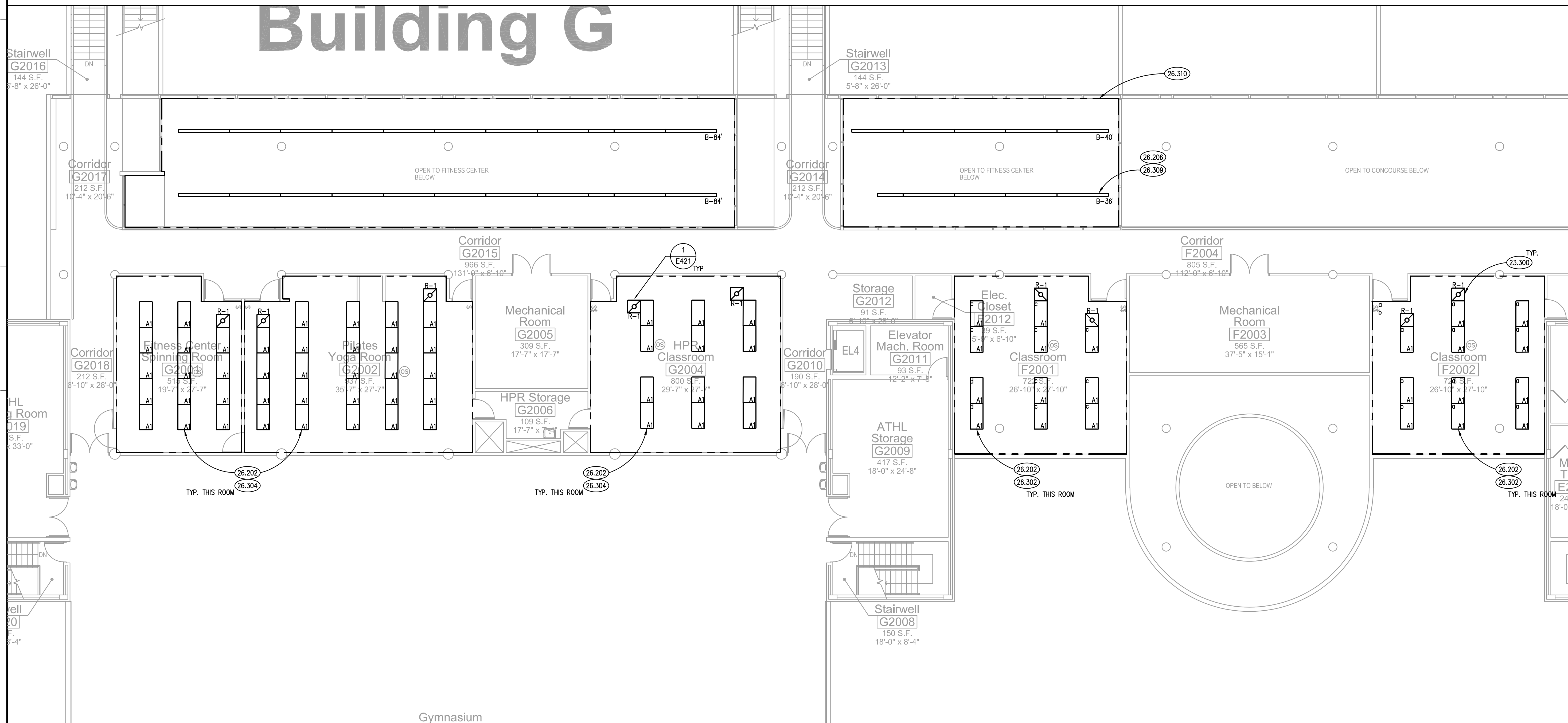
E420

MARK	MODEL	SIZE	NECK	DAMPER	MATERIAL	REMARKS
R-1	50F	24 / 24	24 / 24	-	ST	1

NOTES:
1. MODEL BASED ON TITUS.

INTERIOR LUMINAIRE SCHEDULE									
TYPE	SPECIFICATIONS	DESCRIPTION	MFGR.	CATALOG NUMBER	VOLTAGE	FINISH	MOUNTING	NOTE	
X1	4000K, FORWARD THROW DISTRIBUTION, 3000LM NOMINAL	LED AREA/SITE LUMINAIRE	LITHONIA LIGHTING	DS9C LED P3 40K 70CRI T2M MVOLT SPUMBA DOBX	UNV (120-277)	DARK BRONZE	POLE (30MM)		
			BEACON	VIPER SERIES					
			GARDCO	OPTIFORM SERIES					
X3	4000K, TYPE 2 DISTRIBUTION, 2900LM NOMINAL	LED ROADWAY LUMINAIRE	LITHONIA LIGHTING	DS9C LED P2 40K 70CRI T2M MVOLT MA PIR DNAX	UNV (120-277)	NATURAL ALUMINUM	POLE (30MM)		
			BEACON	VIPER SERIES					
			GARDCO	OPTIFORM SERIES					
A1	4000K, 48W MAX 0-10V DIMMING, 6000LM, 80 CRI	2XW' LED LAY-IN FLAT PANEL	LITHONIA LIGHTING	CPX 2XW AL08 80CRI SSWW7 SWL MVOLT	UNV (120-277)	WHITE	RECESSED (GRID)		
			COLUMBIA LIGHTING	CBT SERIES					
			DAYBRITE	FLOUPANEL SERIES					
A2	4000K, 48W MAX 0-10V DIMMING, 6000LM, 80 CRI	2XW' LED FLAT PANEL	LITHONIA LIGHTING	CPX 2XW AL08 80CRI SSWW7 SWL MVOLT	UNV (120-277)	WHITE	SURFACE (CEILING)		
			COLUMBIA LIGHTING	CBT SERIES					
			DAYBRITE	FLOUPANEL SERIES					
A3	4000K, 48W MAX 0-10V DIMMING, 6000LM, 80 CRI	2XW' LED FLAT PANEL	LITHONIA LIGHTING	CPX 2XW AL08 80CRI SSWW7 SWL MVOLT	UNV (120-277)	WHITE	SUSPENDED		
			COLUMBIA LIGHTING	CBT SERIES					
			DAYBRITE	FLOUPANEL SERIES					
B	4000K, INTEGRATED DAYLIGHT SENSOR, 100MMFT REBERT, 500 LUMFT DIRECT, 80CRI	NARROW LINEAR LED	PEERLESS	KSPRML-1LP 9ET MSLB 80CRI 49K 1000MMF 500LMF MINI ZT 277 SCT ADJ 144A CD41	UNV (120-277)	WHITE	SUSPENDED		
			LITECONTROL	MODX SERIES					
			LEDALITE	TRUGROOVE SERIES					
C1	4000K, 30W MAX 0-10V DIMMING, 3000LM	6" RECESSED ROUND LED DOWNLIGHT	GOTHAM	EV08 353D AR LSS MD MVOLT G210	UNV (120-277)	WHITE	RECESSED (GRID)		
			PRESCOLITE	LITEFRAME SERIES					
			LIGHTOLIER	EASYLYTE SERIES					
C2	4000K, 30W MAX 0-10V DIMMING, 3000LM	6" RECESSED ROUND LED DOWNLIGHT	GOTHAM	EV08 353B RD MD MVOLT G210	UNV (120-277)	BLACK	RECESSED (GRID)		
			PRESCOLITE	LITEFRAME SERIES					
			LIGHTOLIER	EASYLYTE SERIES					
C3	4000K, 30W MAX 0-10V DIMMING, 6000LM	10" RECESSED RETROFIT ROUND LED DOWNLIGHT	LITHONIA LIGHTING	L0NT0V 4080 LRT0AR LSS MVOLT G21	UNV (120-277)	WHITE	RECESSED (GYP.)		
			PRESCOLITE	LITEFRAME SERIES					
			LIGHTOLIER	EASYLYTE SERIES					
D	4000K, 44W MAX 0-10V DIMMING, 5000LM	4" LED STRIP LIGHT	LITHONIA LIGHTING	CSS 148 AL03 MVOLT 40K 80 CRI	UNV (120-277)	WHITE	SUSPENDED		
			COLUMBIA LIGHTING	CSL SERIES					
			DAYBRITE	SDS SERIES					
E	4000K, 35W MAX 0-10V DIMMING, 4000 LM	LED WRAPAROUND	LITHONIA LIGHTING	SL14 40L E2I LP840	UNV (120-277)	WHITE	SURFACE (CEILING)		
			COLUMBIA LIGHTING	CRW SERIES					
			DAYBRITE	OWL SERIES					
F	4000K, 9-10V, 2000LM	LED LINEAR WALL WASH	PEERLESS	OPRW FL FOP 4" 80CRI 40K 500LMF MINI ZT 277 SCT	UNV (120-277)	N/A	RECESSED (GYP.)		
			LITECONTROL	MODX SERIES					
			LEDALITE	TRUGROOVE SERIES					
K	4000K	LED SURFACE MOUNT ROUND	BROWNLEE	2981-30-30W-598FL2-40K	UNV (120-277)	WHITE	SURFACE (CEILING)		
				NO SUBSTITUTIONS					

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

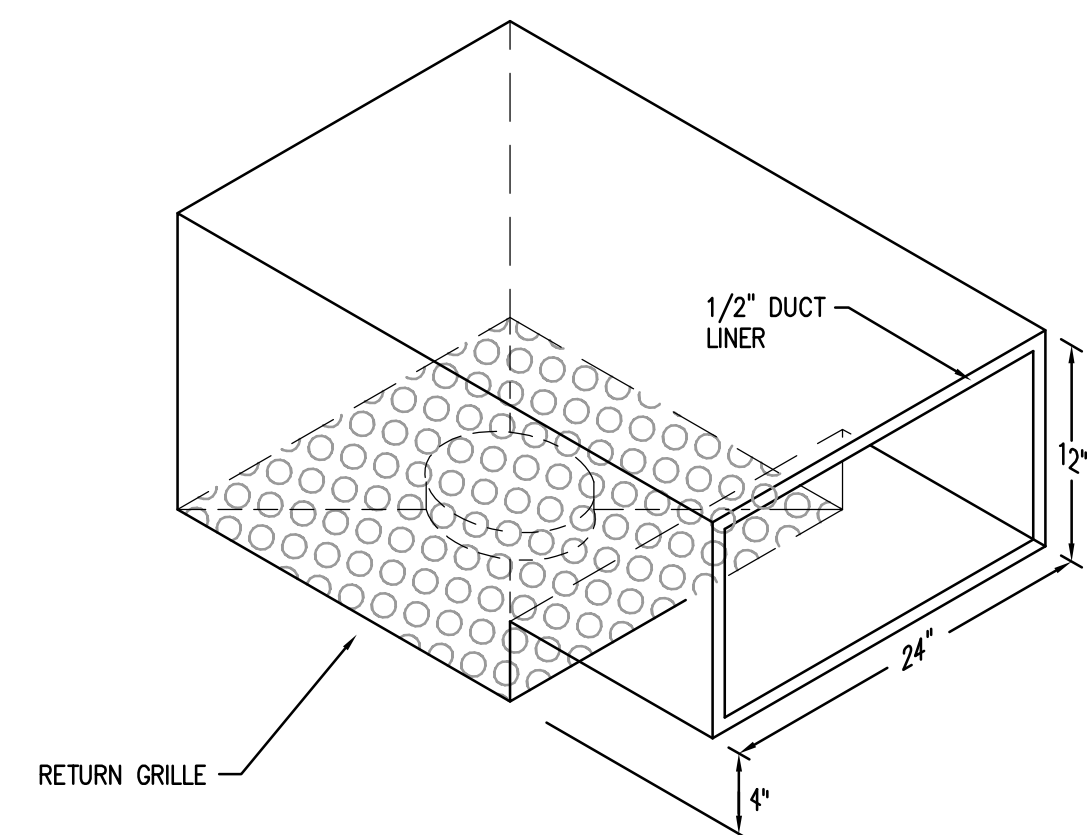


SCALE: 1/8" = 1'-0"

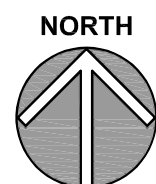
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26.309 PROVIDE NEW SUSPENDED DIRECT/INDIRECT LINEAR LED WITH INTEGRAL DAYLIGHT SENSOR.
26.310 PRIMARY DAYLIGHT ZONE CONSISTS OF ENTIRE ILLUMINATED AREA WITHIN FITNESS CENTER.

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5. PRIOR TO DEMOLITION: CONTRACTOR TO FIELD VERIFY EXISTING LIGHTING POWER CONSUMPTION ON A PER ROOM BASIS. COMPLETE TYPED REPORT AND SUBMIT TO OWNER.



SCALE: NTS



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

KEYNOTES

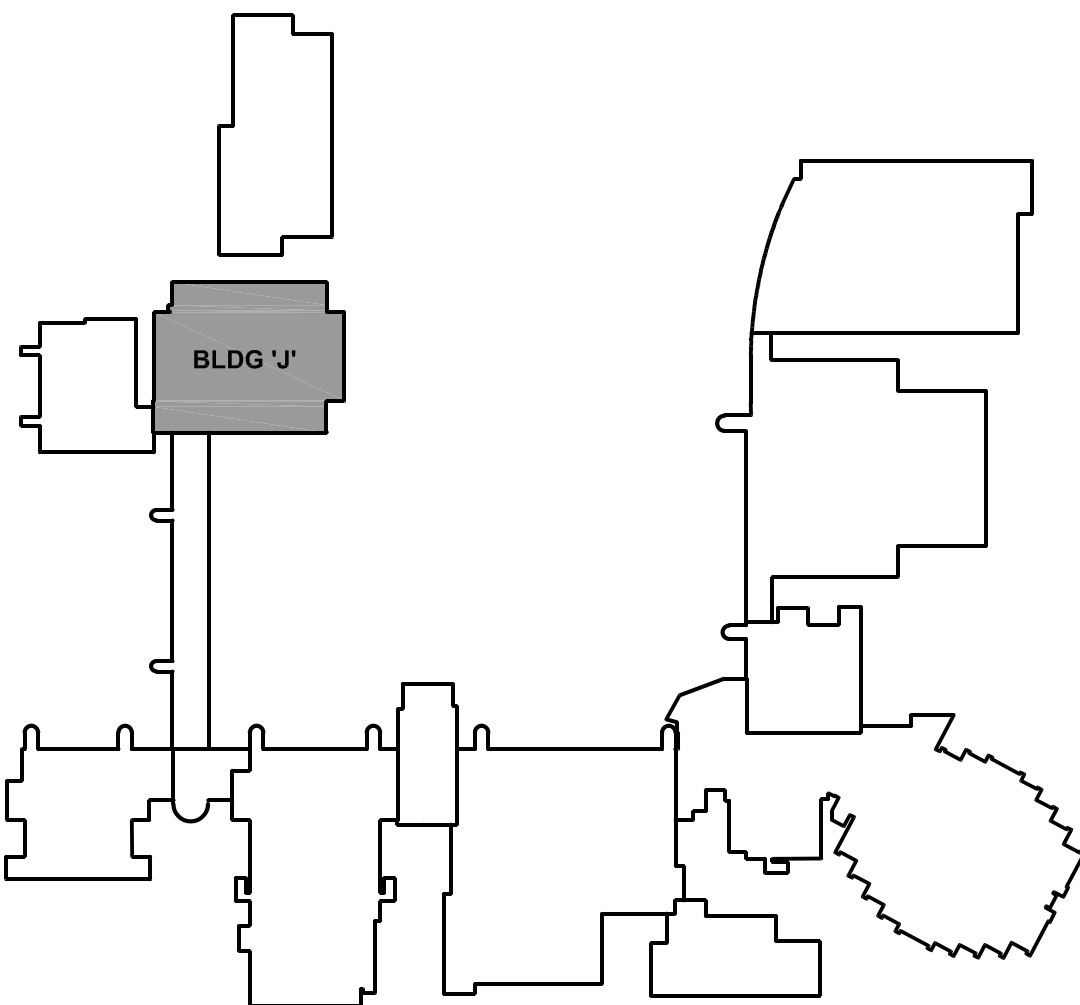
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- 26.302 PROVIDE NEW LED 2'X4' LAY-IN LED FLAT PANEL LUMINAIRE. EXTEND EXISTING BRANCH CIRCUITRY AND MODIFY AS NECESSARY TO ACHIEVE SWITCH CONFIGURATION SHOWN TO NEW LUMINAIRE TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM.
- 26.304 PROVIDE NEW LED 2'X4' LAY-IN LED FLAT PANEL LUMINAIRE. EXTEND EXISTING BRANCH CIRCUITRY TO NEW LUMINAIRE TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM.
- 26.308 PROVIDE NEW SINGLE POLE TOGGLE SWITCH FOR LIGHT CONTROL.

ELECTRICAL GENERAL NOTES

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KEY PLAN



Building J

ALTERNATE NO. 2 - BUILDING J SECOND FLOOR CLASSROOMS

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

1

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1215 HOBBS ROAD
JOLIET, ILLINOIS 60431

ISSUED	100% BID DOCUMENTS
03/04/24	

JOB NO. 23-292-1523
DRAWN ATR
CHECKED MTK
APPROVED MTK

SHEET TITLE
ALTERNATE NO. 2
ELECTRICAL
LIGHTING PLANS -
MAIN CAMPUS
BUILDING J 2ND FLR

SHEET NUMBER

E422

KEYNOTES

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- 26.205 DEMOLISH EXISTING INCANDESCENT CAN LIGHT. DISCONNECT AND PROTECT EXISTING BRANCH CIRCUITRY FOR REUSE.
- 26.207 EXISTING LIGHTING SCENE CONTROLLER TO REMAIN AND BE REUSED.
- 26.304 PROVIDE NEW LED 2'X4' LAY-IN LED FLAT PANEL LUMINAIRE. EXTEND EXISTING BRANCH CIRCUITRY TO NEW LUMINAIRE TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM.
- 26.307 PROVIDE NEW LED RECESSED DOWNLIGHT. EXTEND EXISTING BRANCH CIRCUITRY TO NEW LUMINAIRE.
- 26.311 PROVIDE NEW LED 2'X4' SUSPENDED LED FLAT PANEL LUMINAIRE. EXTEND EXISTING BRANCH CIRCUITRY TO NEW LUMINAIRE TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM.
- 26.312 PROVIDE NEW LED 2'X4' SURFACE MOUNT LED FLAT PANEL LUMINAIRE. EXTEND EXISTING BRANCH CIRCUITRY TO NEW LUMINAIRE TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM.

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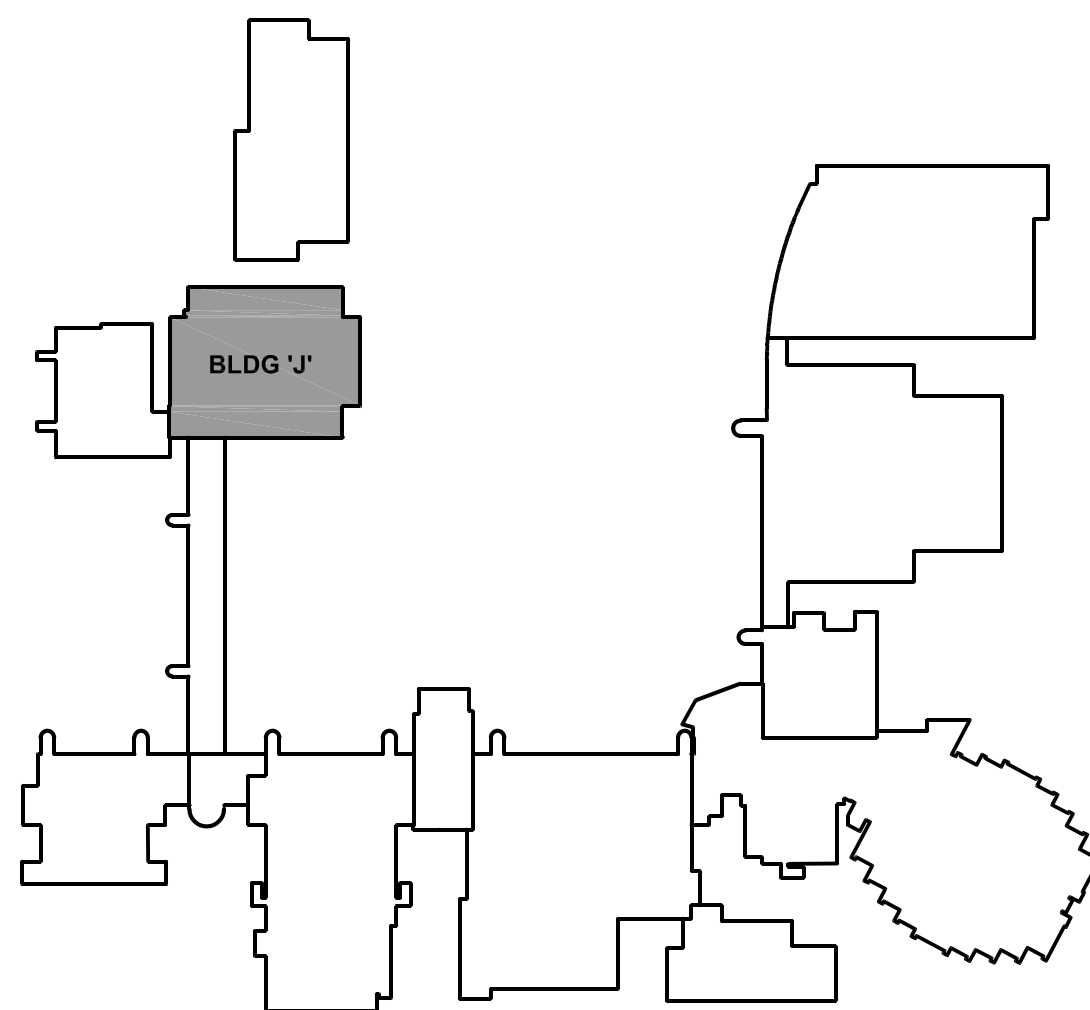
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KEY PLAN



ISSUED	100% BID DOCUMENTS
03/04/24	100% BID DOCUMENTS

JOB NO. 23-292-1523
DRAWN ATR
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APPROVED MTK

SHEET TITLE
ALTERNATE NO. 2
ELECTRICAL
LIGHTING PLANS -
MAIN CAMPUS
BUILDING J 3RD FLR

SHEET NUMBER

E432

Building J

ALTERNATE NO. 2 - BUILDING J THIRD FLOOR CLASSROOMS

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

1

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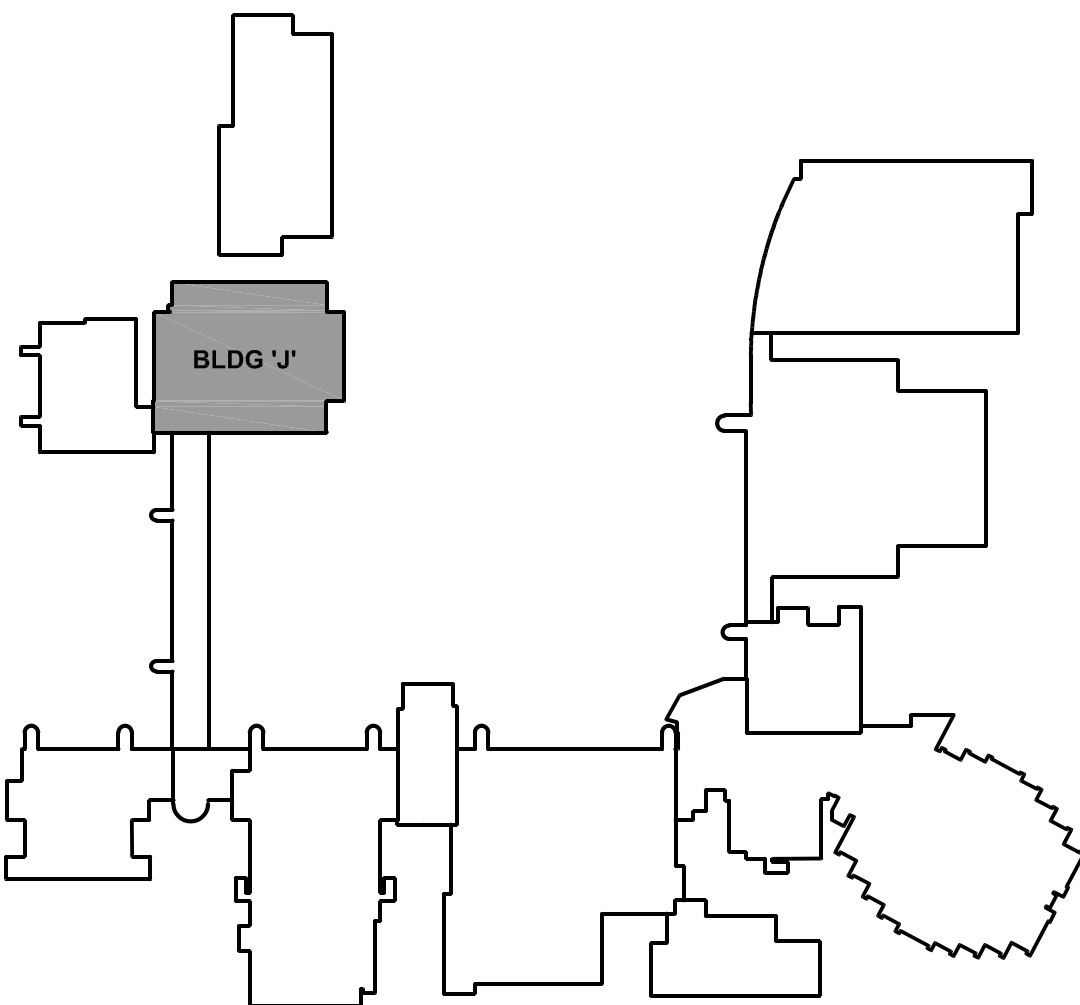
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3. UNLESS NOTED OTHERWISE, ALL HOMERUNS SHALL CONSIST OF A MAXIMUM OF 3 CIRCUITS (PHASE A, B & C, NEUTRAL & GROUND) IN 3/4" C. MINIMUM WIRE SIZE SHALL BE #12 AWG. WIRE SIZE FOR HOMERUN CIRCUITS SHALL BE 3#12, 1#12N & 1#12G.
4. SECURE ALL JUNCTION BOXES TO BUILDING STRUCTURE PER NEC REQUIREMENTS.
5. PRIOR TO DEMOLITION: CONTRACTOR TO FIELD VERIFY EXISTING LIGHTING POWER CONSUMPTION ON A PER ROOM BASIS. COMPLETE TYPED REPORT AND SUBMIT TO OWNER.

KEY PLAN



Building J

ALTERNATE NO. 2 - BUILDING J FOURTH FLOOR CLASSROOMS

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

1

Kluber
Architects + Engineers

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Aurora, Illinois 60506
Tel: 630.465.2113
Bloomington, Illinois 61704
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www.klubermc.com

MAIN CAMPUS LIGHTING REPLACEMENT

JOLIET JUNIOR COLLEGE
1215 HOBOLT ROAD
JOLIET, ILLINOIS 60431

ISSUED	
03/04/24	100% BID DOCUMENTS

JOB NO. 23-292-1523
DRAWN ATR
CHECKED MTK
APPROVED MTK

SHEET TITLE
ALTERNATE NO. 2
ELECTRICAL
LIGHTING PLANS -
MAIN CAMPUS
BUILDING J 4TH FLR

SHEET NUMBER

E442