

ABBREVIATIONS WIRING

EXPOSED UNLESS NOTED OTHERWISE ON PLAN.

FIRE ALARM ANNUNCIATOR PANEL

SYSTEMS

FLUSH CEILING MOUNTED SPEAKER BY POSH. 8" DIAMETER.

PROVIDE BACK-BOX IN CEILING. COORDINATE PART NUMBER

WITH OWNER. COORDINATE LOCATIONS WITH ARCHITECT.

OUTDOOR RATED FLUSH SPEAKER BY POSH. SHALL MATCH

EXISTING SYSTEM IN STYLE AND RATINGS. SPEAKER SHALL BE

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SEE DESCRIPTION OF HASH MARKS. ABOVE COUNTER, 42"AFF UNLESS OTHERWISE INDICATED ARROW INDICATES HOMERUN TO PANEL "A", CIRCUIT 21. AMERICANS WITH DISABILITIES ACT AFF ABOVE FINISHED FLOOR FLEXIBLE CONDUIT CONNECTION ALUMINUM ONE CONDUCTOR HASH MARKS INDICATES NUMBER OF CONDUCTORS RAN IN CONDUIT. CONDUIT NO HASH MARKS INDICATES 1 #12 PHASE CONDUCTOR, 1#12 GROUNDED CIRCUIT BREAKER CONDUCTOR AND 1 #12 GREEN EQUIPMENT GROUND IN 1/2" CONDUIT. CIRCUIT COPPER EXHAUST FAN ELECTRICAL METALLIC TUBING ELECTRIC WATER COOLER FIRE ALARM CONTROL PANEL FIRE ALARM FREQUENCY MODULATION GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT PROTECTION GFP HACR HEATING AIR CONDITIONING REFRIGERATION HORSEPOWER FIRE ALARM MANUAL PULL STATION. DEVICE SHALL HPS HIGH PRESSURE SODIUM MATCH EXISTING SYSTEM. "E" DENOTES EXISITING. HEIGHT HERTZ FIRE ALARM COMBINATION HORN/STROBE. DEVICE SHALL INTRUSION DETECTION SYSTEM MATCH EXISTING SYSTEM. "E" DENOTES EXISTING. JUNCTION BOX KILOWATT HOUR KWH LED LIGHT EMITTING DIODE WEATHERPROOF FIRE ALARM HORN/STROBE. MCB MOLDED CASE CIRCUIT BREAKER MH METAL HALIDE MLO MAIN LUGS ONLY MTD MOUNTED FIRE ALARM VISUAL STROBE. DEVICE SHALL MATCH EXISTING SYSTEM. "E" NATIONAL ELECTRICAL CODE DENOTES EXISTING. NON FUSED NUMBER FIRE ALARM CEILING MOUNTED SMOKE DETECTOR. OCCUPANCY SENSOR PHASE FIRE ALARM CEILING MOUNTED HEAT DETECTOR. PASSIVE INFRARED RGS RIGID GALVANIZED STEEL SINGLE MODE TTB TELEPHONE TERMINAL BOARD FIRE ALARM CONTROL PANEL TELEVISION TVSS TRANSIENT VOLTAGE SURGE SUPPRESSOR UNO UNLESS NOTED OTHERWISE

VOLTAMPERE

WATER PROOF

WATTS

XFMR TRANSFORMER

VARIABLE VOLUME DAMPER

VVD

WP

LIGHTING FIXTURE SCHEDULE LAMPS/LIGHT ENGINE CLASSIFICATON TRIM COLOR MOUNTING SIZE (IN.) **EM--EMERGENCY** S--SURFACE N--NORMAL R--RECESSED MANUFACTURER OTHER ACCEPTABLE DIFFUSER HAZ--HAZARDOUS SM--STEM MTD. HB--HIGH BAY WM--WALL MTD. & CATALOG NO. MANUFACTURERS MEDIA LB--LOW BAY C--CHAIN MTD. HM--HIGH MAST UC--UNDER CAB. CS--CEIL. SURF. 32 F32T8 COLUMBIA #AWN - 4232 - E - UNV LITHONIA, METALUX ACRYLIC WRAP LENS CS/SM 8.5 48 2.75 32 F32T8 LITECONTROL #85N - 2 - 2/3/4 - T8 - BW/FP - CWM - G - EL20 - UNV | LINEAR LIGHTING, PEERLESS ACRYLIC LENS WITH BAFFLES N/EM 24 | 48 | 4 32 F32T8 LITHONIA, METALUX ACRYLIC LENS COLUMBIA #ST824 - 2326 - FAA12125 - EPU 1 6 LED XAL, LINEAR LIGHTING LED COVE 2 | 12 | 2 LUMENPULSE #LCS2RO - 24 - 30K - CL - WH - LCSLCD6 C2 2 32 F32T8 LITHONIA, METALUX HEAVY DUTY REFLECTOR CS/SM 11 48 3.5 COLUMBIA #CSR4 - 232 - U - EPU - SS18 LED XAL #N202 - 11 - 732 - 7X50 - 70 - 0465 PINNACLE, ALW OPAL LENS WM/R 1.8 46.5 4 25 F25T8 PINNACLE, ALW OPAL LENS WM XAL #STRETTA N622 - 631 - 3T8 - 036 - 7100 - 0 - 60 LED 2K | PRESCOLITE #LF6LEDG4 - 6LFLED76435K - WT - B24 VANTAGE, INTENSE OPAL/ FROSTED GLASS LENS 6 DIA 8 LED 3K PRESCOLITE #LF6LED8G4-6LFLED8G435K-TRG-B24 VANTAGE, INTENSE OPAL/ FROSTED GLASS LENS 6 DIA 8 LED 5K INTENSE #IHOL-8ARL335-27-50-IRA800HZ-SF PRESCOLITE, VANTAGE OPAL/ FROSTED GLASS LENS 8 DIA 10 LED 3.2K | INTENSE #IHOL-8DRL235-27-50-IRD800HZ-SF PRESCOLITE, VANTAGE OPAL/ FROSTED GLASS LENS 8 DIA 10 LED 5K | COLUMBIA #LCL4-35ML-EU VISIONEERING, LITHONIA CLEAR PRISMATIC ACRYLIC WM 4 48 4 1.5 48 LED LED-LINEAR #XOOLUM RGB/1219-A-BS-IP67 GE, COLOR KINETICS OPAL LENS LED-LINEAR #XOOLUM HYDRA HD36 W830/1219-A-BS-IP67 LED GE, COLOR KINETICS OPAL LENS 1.5 48 LED VISA #CP5404-STM-LEDRGB-1L6MR16-RMB-120-TW9016-OAH() OPAL LENS SM 4 DIA 38 LED VISA #CP5402-STM-LEDRGB-1L6MR16-RMB-120-TW9016-OAH() OPAL LENS 4 DIA 61 LED FORMS + SURFACES #LBLCO-SEC-604-L10T8 360 PERFORATED METAL FORMS + SURFACES #LPLCO-612-L28T8 DIA 1 6.7 LED LUMASCAPE #LS393LED-6H6-A-N-85-NM-23-Q-09 KIM, TARGETTI CLEAR GLASS 4 DIA 5

1. SURFACE MOUNT LED COVE LIGHT IN ARCHITECTURAL COVE. PROVIDE ALL NECESSARY EQUIPMENT FOR A COMPLETE AND 7. FIXTURES SHALL BE FURNISHED WITH LED LAMP OPTION. REFER TO SPECIFICATIONS FOR REQUIREMENTS.

2. PROVIDE FIXTURE LENGTH EQUAL TO INSTALLED WALL LENGTH. FIXTURE SHALL RUN CONTINUOUSLY ALONG THE ENTIRE

LENGTH OF THE WALL. PROVIDE STAGGERED LAMPS TO REDUCE SHADOWING.

3. PROVIDE ALL NECESSARY EQUIPMENT INCLUDING BACKBOXES, FIXTURE SUPPORTS, AND FASTENERS FOR A COMPLETE AND OPERATIONAL SYSTEM.

OPERATIONAL SYSTEM. VERIFY EXACT LOCATION WITH ARCHITECTURAL DRAWINGS AND ELEVATIONS.

4. PROVIDE TRIM AND/OR PAINT TRIM TO MATCH ADJACENT SURFACE TO FIXTURE.

5. FIXTURE SHALL BE MOUNTED APPROXIMATELY 5-6" AFF. VERIFY EXACT HEIGHT AND LOCATION WITH ARCHITECTURAL PLANS AND ELEVATIONS PRIOR TO ROUGH-IN.

6. TYPE 'LC2' FIXTURE CONSISTS OF THREE SEPARATE FIXTURES WITH THREE DIFFERENT OVERALL HEIGHTS. PROVIDE OVERALL HEIGHTS OF 132.5", 120.5" AND 96.5". LAYOUT SHALL BE COORDINATED WITH ARCHITECT. REFER TO

GENERAL NOTES

WORK SHALL BE DONE IN ACCORDANCE WITH LOCAL. STATE OF OHIO.2014 NEC AND NATIONAL CODES , RECOMMENDATIONS, REGULATIONS AND REQUIREMENTS

CONTRACTORS SHALL VISIT PROJECT SITE PRIOR TO BIDDING TO ASCERTAIN AND BECOME FAMILIAR WITH EXISTING CONDITIONS AS THEY PERTAIN TO THE SCOPE OF WORK. CONTRACTOR SHALL VERIFY EXACT LOCATION AND SIZES OF ELECTRICAL EQUIPMENT AND ALL OTHER APPURTENANCES ASSOCIATED WITH THE WORK.

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PHASING SHALL BE COORDINATED AND IN COMPLIANCE WITH ALL PHASING DRAWINGS, NOTES AND REQUIREMENTS. COORDINATE ANY UTILITY SHUT DOWNS, (ELECTRIC AND TELEPHONE) WITH THE OWNER AND PROVIDE NOTICE NOT LESS THAN 72 HOURS IN ADVANCE.

COORDINATE ELECTRICAL REQUIREMENTS FOR NEW OR RENOVATED WORK WITH THE PLUMBING AND MECHANICAL CONTRACTORS. VERIFY VOLTAGE, PHASE AND ACCESSORY REQUIREMENTS, SUCH AS MOTOR STARTERS AND DISCONNECTS.

CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING AS REQUIRED FOR HIS WORK. OPENINGS IN WALLS, FLOORS AND CEILINGS DUE TO REMOVALS SHALL BE FILLED IN, PATCHED, PAINTED AND FINISHED IN A MANNER TO MATCH THE QUALITY OF THE EXISTING, LIKE ADJACENT

NEW OPENINGS IN EXISTING WALLS AND FLOORS SHALL BE CORE DRILLED OR SAW CUT. OPENINGS IN NEW WALLS AND FLOORS SHALL BE PLANNED AND COORDINATED WITH THE GENERAL CONTRACTOR FOR THE INSTALLATION OF APPROPRIATE SLEEVES.

ALL CONDUIT SHALL BE A 3/4" MINIMUM U.N.O.

CONDUIT SHALL BE CONCEALED IN CEILINGS OR WALLS WHEREVER POSSIBLE.

FOR WORK IN TENANT AREAS, EITHER MC CABLE, FLEX CONDUIT OR EMT SHALL BE RUN IN EXISTING WALLS IN TEMPORARY LOCATIONS ONLY.

ALL BRANCH CIRCUITS AND FEEDERS SHALL CONTAIN A GREEN INSULATED GROUND CONDUCTOR. GROUNDING BY MEANS OF RACEWAY IS NOT PERMITTED.

REFER TO MECHANICAL, PLUMBING, AND ARCHITECTURAL PLANS FOR EXACT LOCATION OF

NO MORE THAN 3 PHASE CONDUCTORS SHALL BE INSTALLED IN ANY ONE CONDUIT, UNLESS NOTED OTHERWISE. EACH BRANCH CIRCUIT SHALL CONTAIN THEIR OWN NEUTRAL

CONDUCTOR. NO SHARED NEUTRALS. CONTRACTOR SHALL PROVIDE ALL FIRESTOPPING FOR CONDUIT OR PENETRATIONS THAT PENETRATE ACOUSTICAL RATED OR SMOKE AND FIRE RATED ASSEMBLIES. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL RATED ASSEMBLIES. ALL RATED PENETRATIONS SHALL BE FIRESTOPPED TO ORIGINAL ASSEMBLY RATING. ALL NON-RATED

COORDINATE WITH OWNER'S PROJECT MANAGER TO ARRANGE SHUT OFF OF ELECTRICAL

FLOOR PENETRATIONS SHALL SEALED WATER TIGHT WITH A FLEXIBLE SEALANT.

PROVIDE ALL PULL BOXES, IN ACCESSIBLE AREA, THAT EXCEED NEC NUMBER OF BENDS OR LENGTH IN FEEDER AND BRANCH CIRCUITS. INSTALL BOXES WHERE REQUIRED PER CODE.

16. ALL WIRING DEVICES SHALL BE OF HEAVY DUTY COMMERCIAL GRADE CONSTRUCTION.

CONTRACTOR SHALL ENSURE THAT ALL ELECTRICAL WIRING AND CABLES ARE PLENUM RATED. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED JUNCTION

IN THE SPACE ABOVE THE CEILING USED AS A RETURN AIR PLENUM, THE ELECTRICAL

BOXES, PULL BOXES, ETC. FOR A COMPLETE INSTALLATION PER N.E.C. AND LOCAL CODES. ALL CONDUCTORS SHALL BE RATED FOR 90 DEGREE CELSIUS.

COORDINATE WORK WITH OTHER TRADES. COORDINATION OR SCHEDULING SHALL BE THE RESPONSIBILITY OF THE INVOLVED CONTRACTORS.

ALL LOW VOLTAGE CABLING INSTALLED IN SPACES WITHOUT A LAY-IN OR WITH A HARD CEILING SHALL BE INSTALLED IN CONDUIT AND BOXES.

GENERAL NOTES:

KEY PLAN:

434 East First Street Dayton, OH 45402 937.223.6500 4440 Garwood Place Richmond, IN 47374 765.966.3546



Revisions / Submissions

PHASE 1 - CANOPY RENOVATION 3600 TERMINAL DRIVE

ELECTRICAL LEGEND AND NOTES

DRAWING CONSTRUCTION 2/2/2015

12-12-2014

Checker

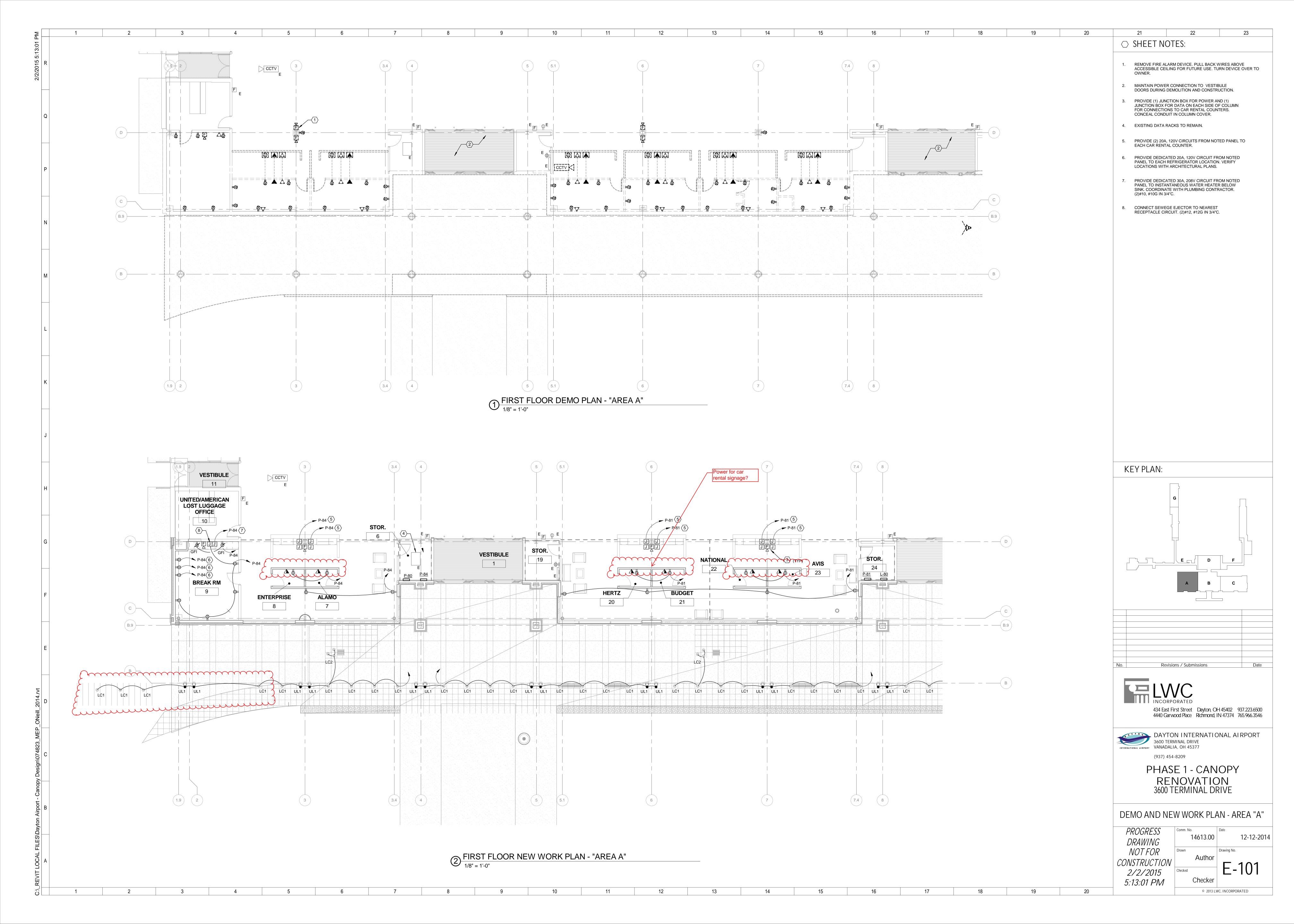
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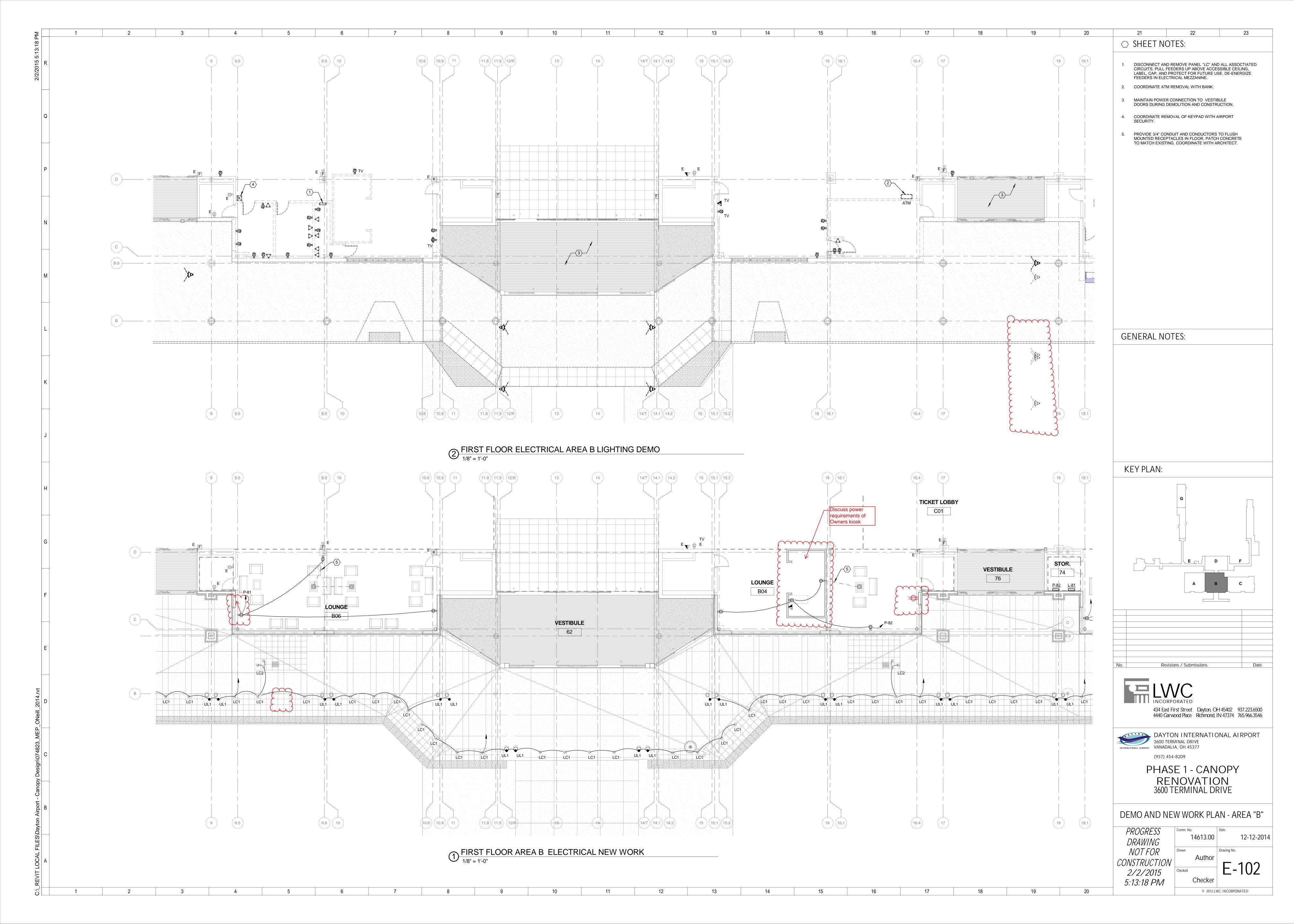
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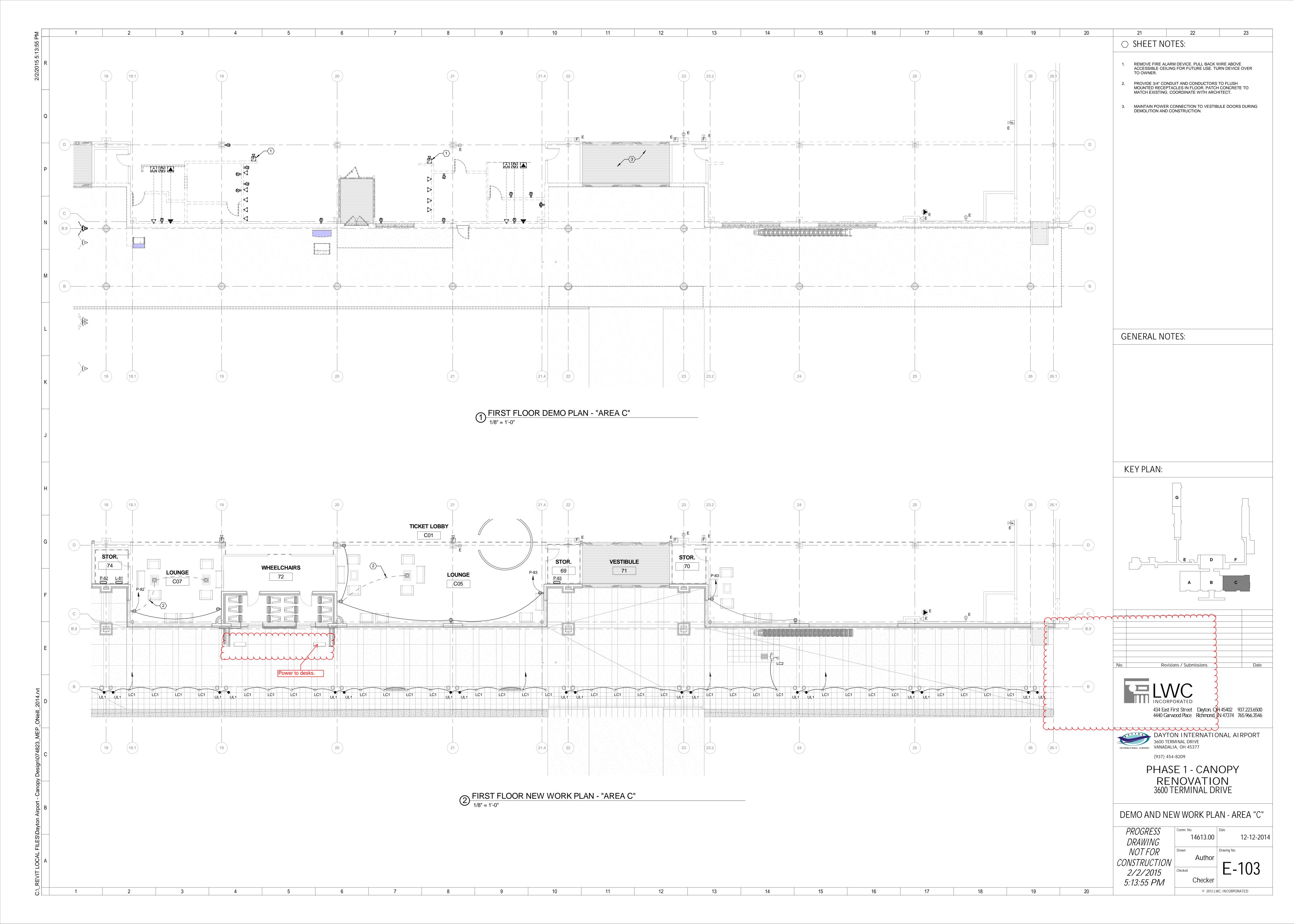
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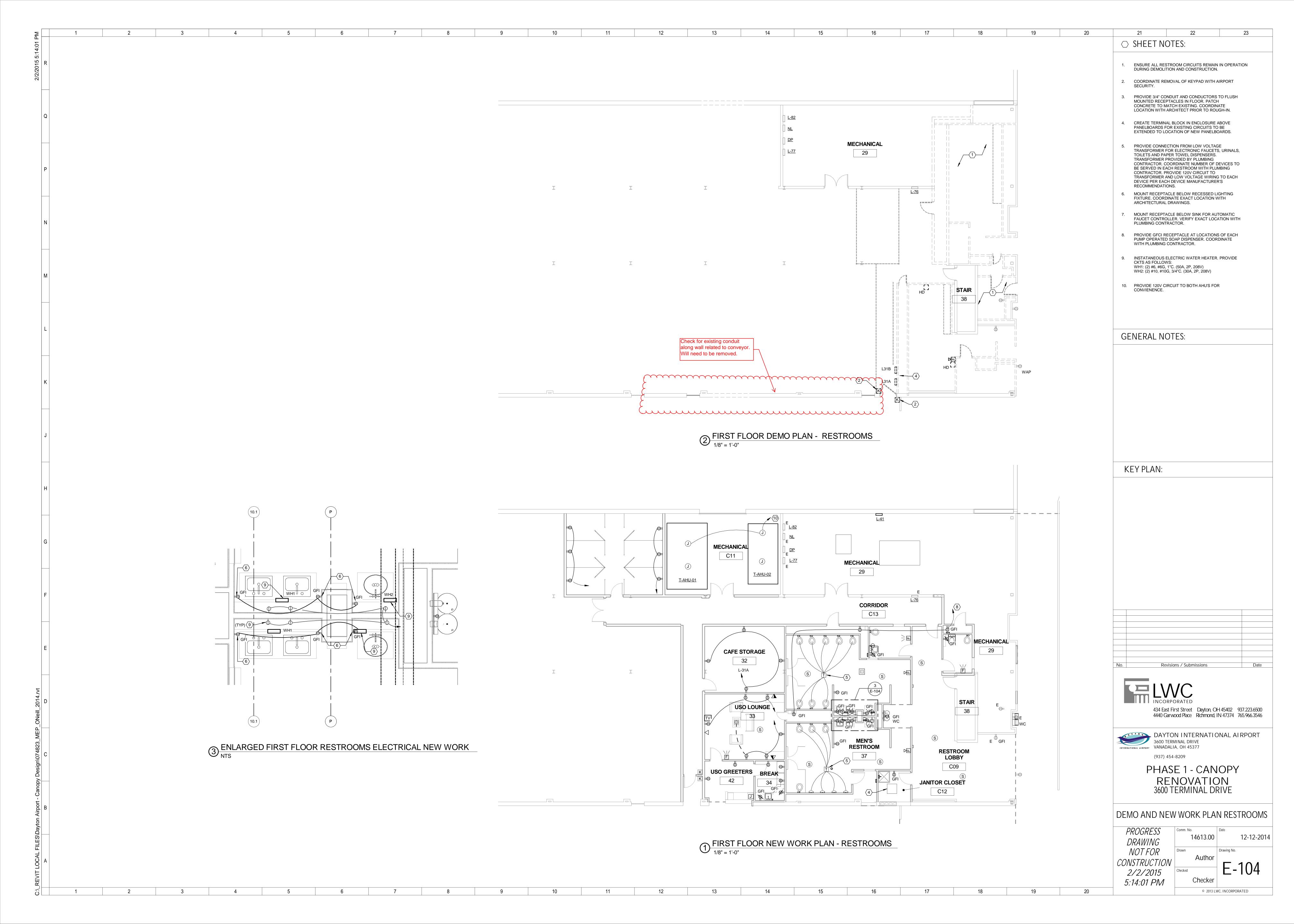
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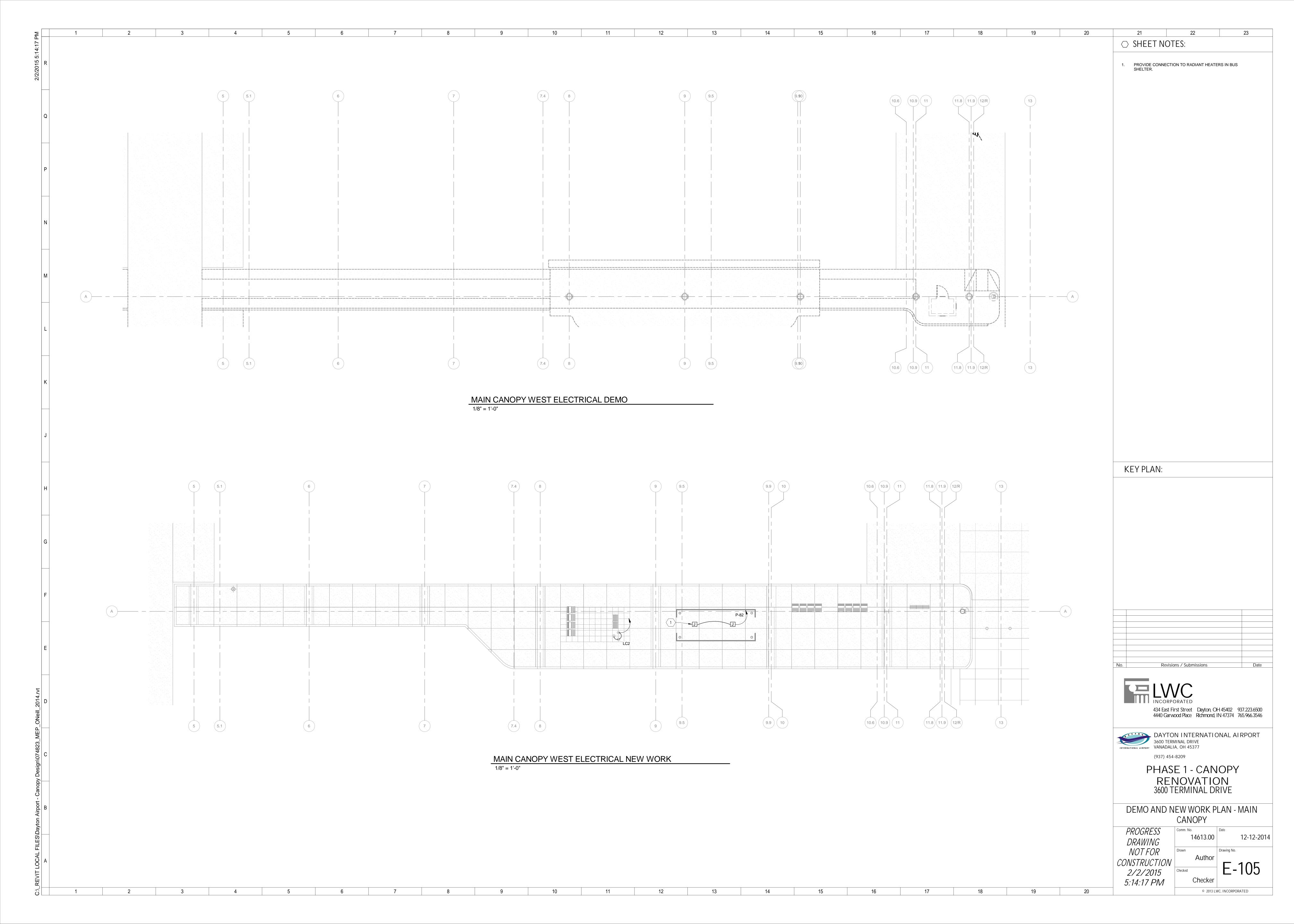
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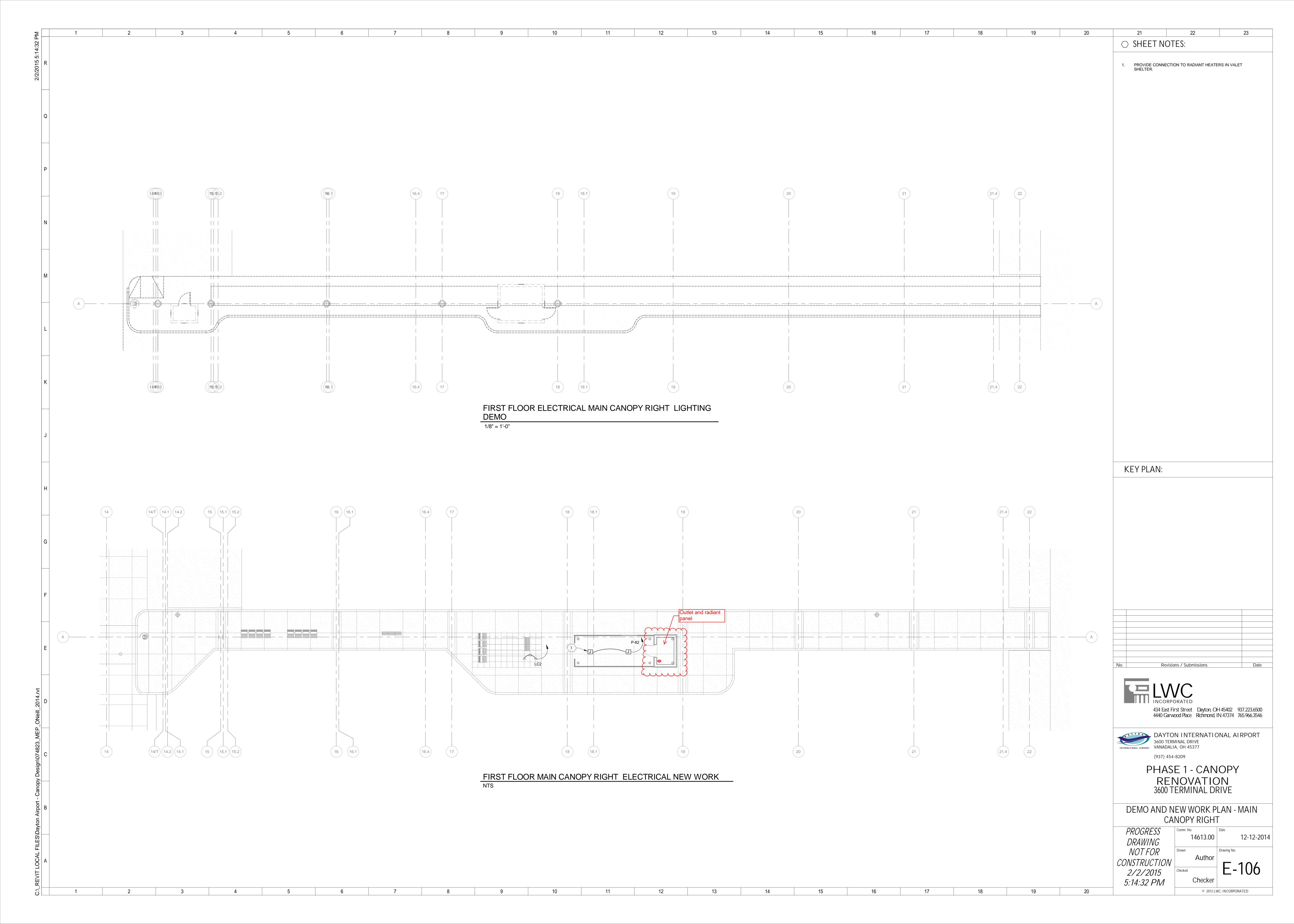


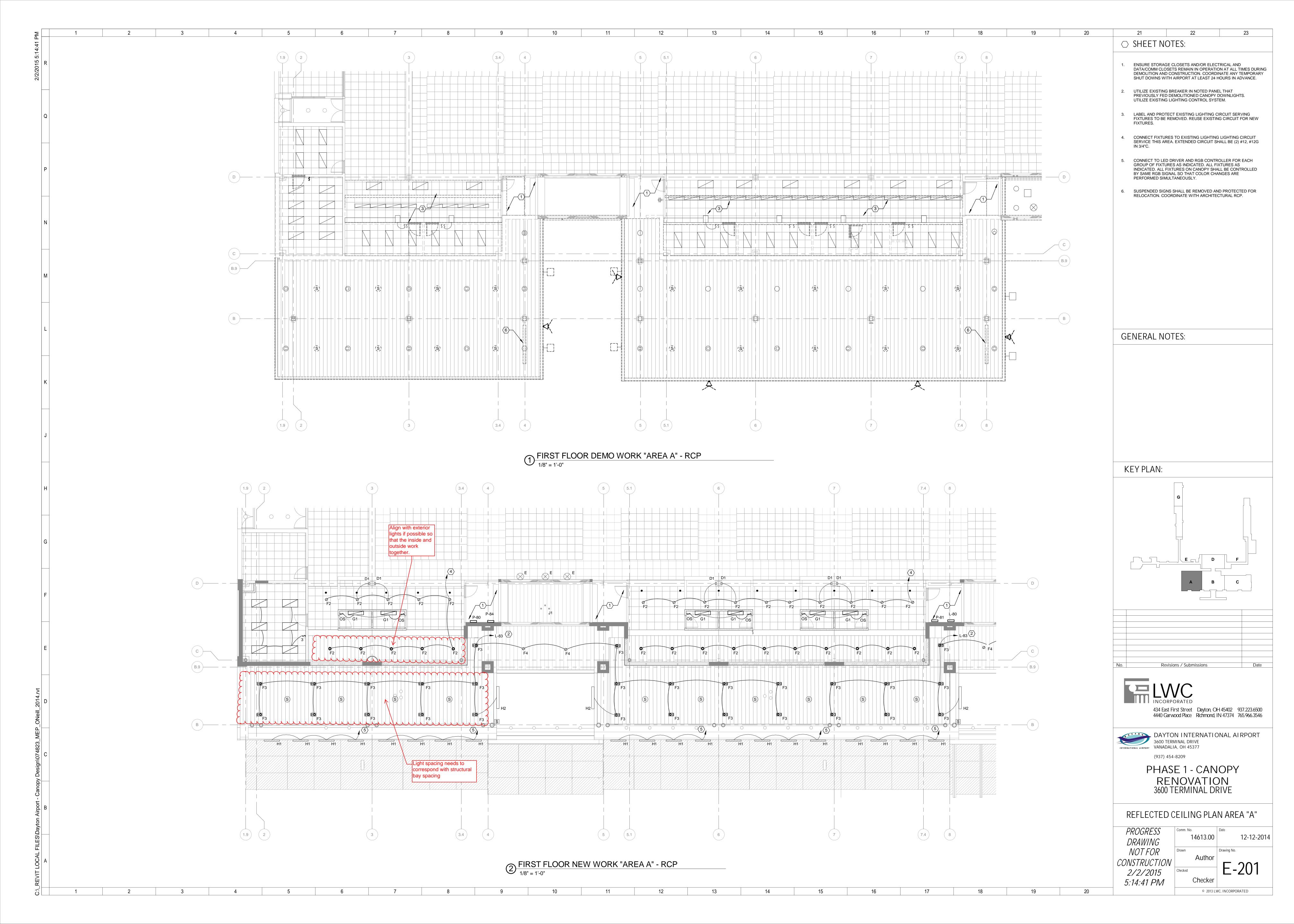


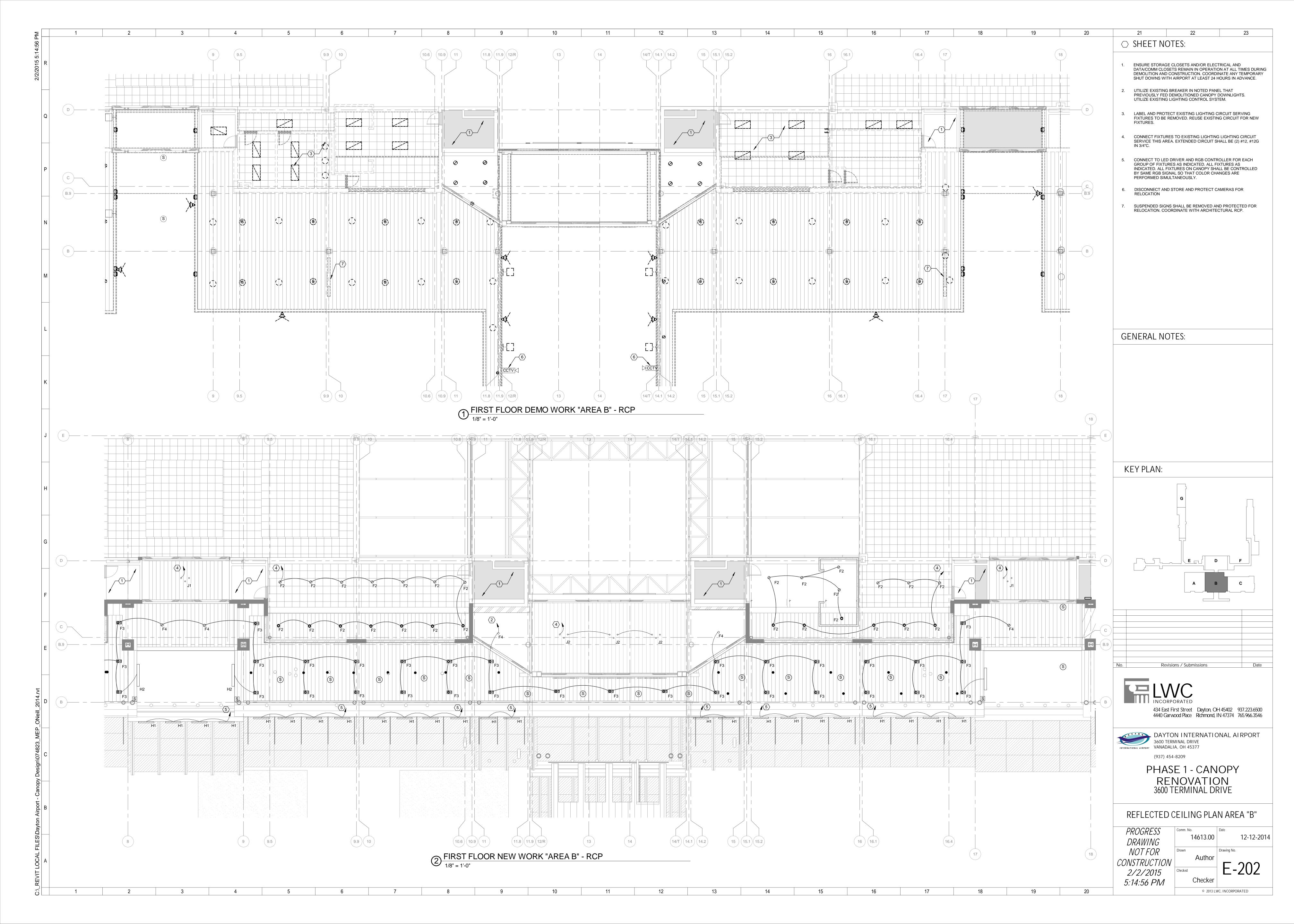


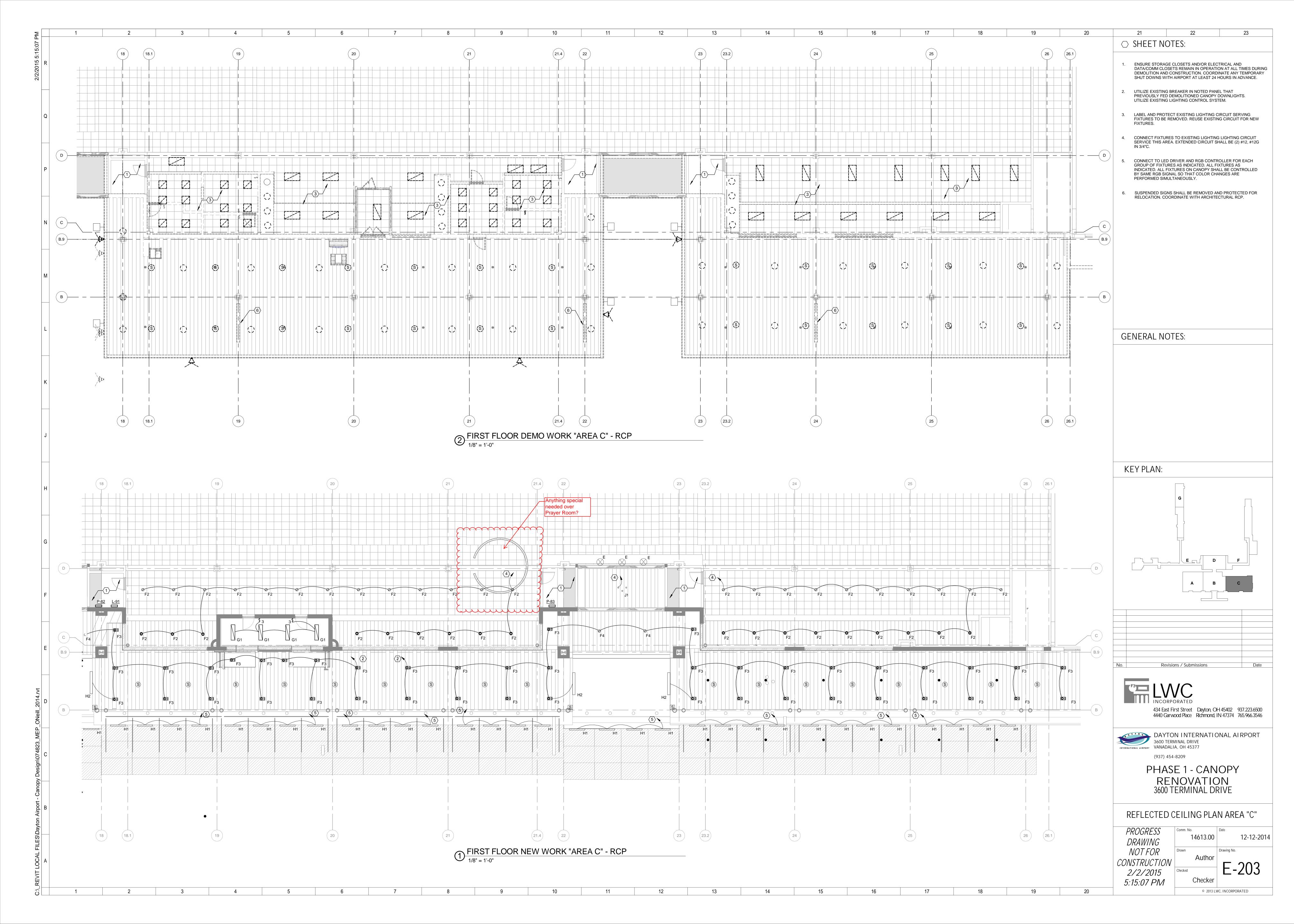


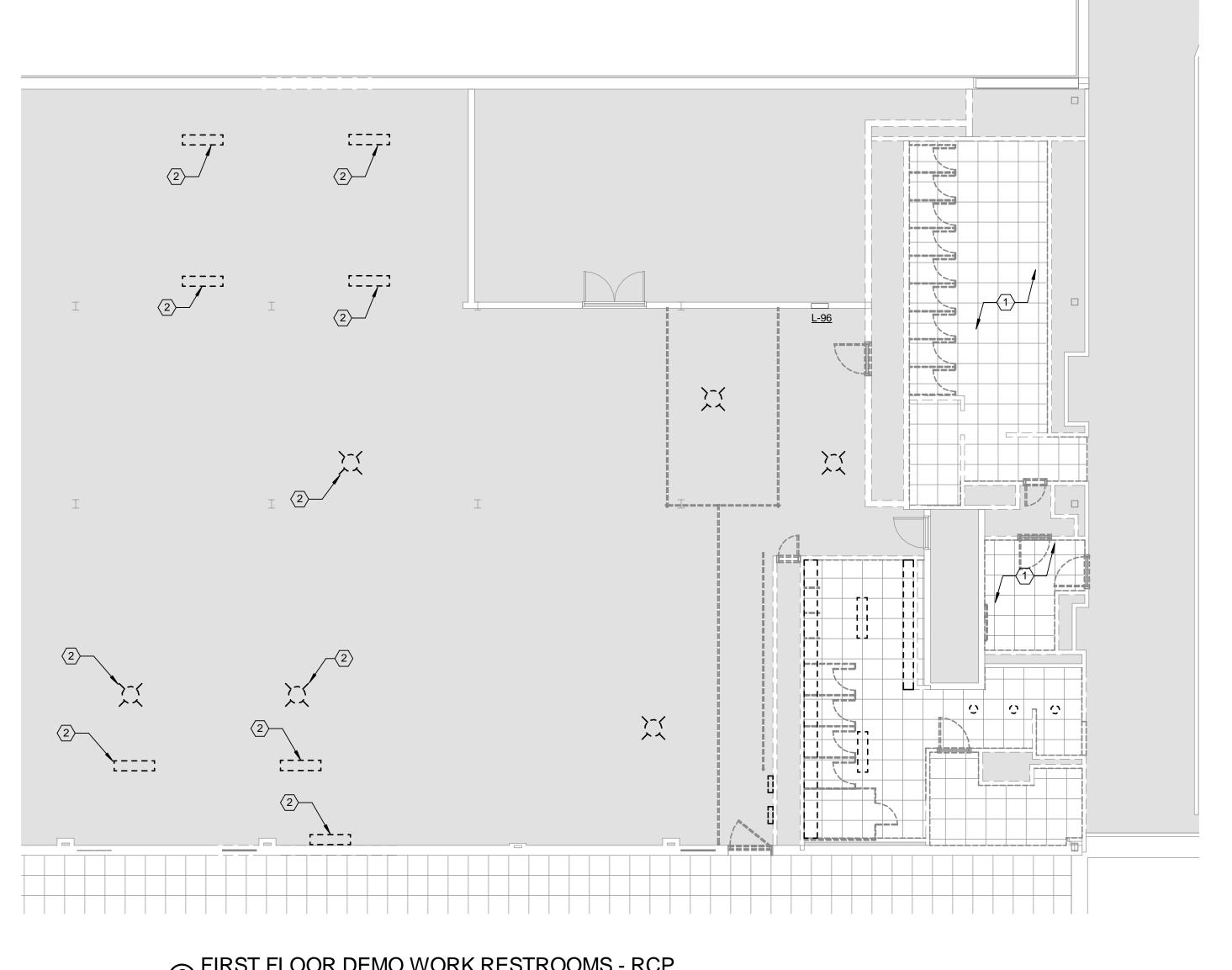










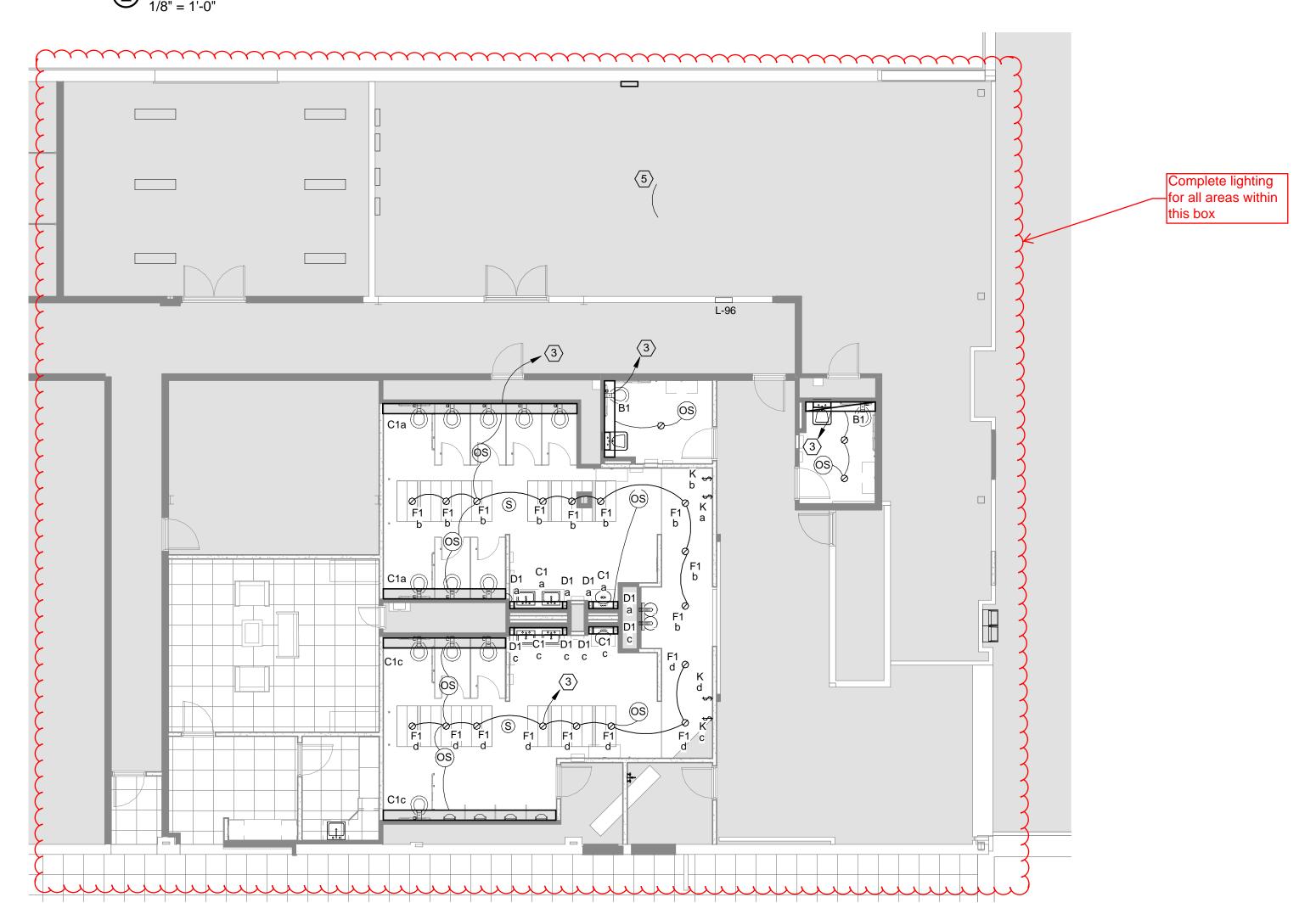


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PIRST FLOOR DEMO WORK RESTROOMS - RCP

1/8" = 1'-0"



1 FIRST FLOOR NEW WORK RESTROOMS - RCP

○ SHEET NOTES:

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- ENSURE ALL RESTROOM CIRCUITS REMAIN IN OPERATION DURING DEMOLITION AND CONSTRUCTION.
- 2. REMOVE EXISTING FIXTURES AND FIXTURE SUPPORT HARDWARE. ENSURE FIXTURES OUTSIDE OF SCOPE AREA REMAIN IN
 - 3. CONNECT FIXTURES TO EXISTING LIGHTING LIGHTING CIRCUIT SERVICE THIS AREA. EXTENDED CIRCUIT SHALL BE (2) #12, #12G
- 4. EXTEND EXISTING SPEAKER WIRE TO NEW SPEAKER LOCATION. EXTENSIONS SHALL BE PERFORMED TO MATCH EXISTING WIRE. COORDINATE WITH AIRPORT P.A. SYSTEM

GENERAL NOTES:

KEY PLAN:

434 East First Street Dayton, OH 45402 937.223.6500 4440 Garwood Place Richmond, IN 47374 765.966.3546



Revisions / Submissions

PHASE 1 - CANOPY RENOVATION 3600 TERMINAL DRIVE

REFLECTED CEILING PLAN RESTROOMS

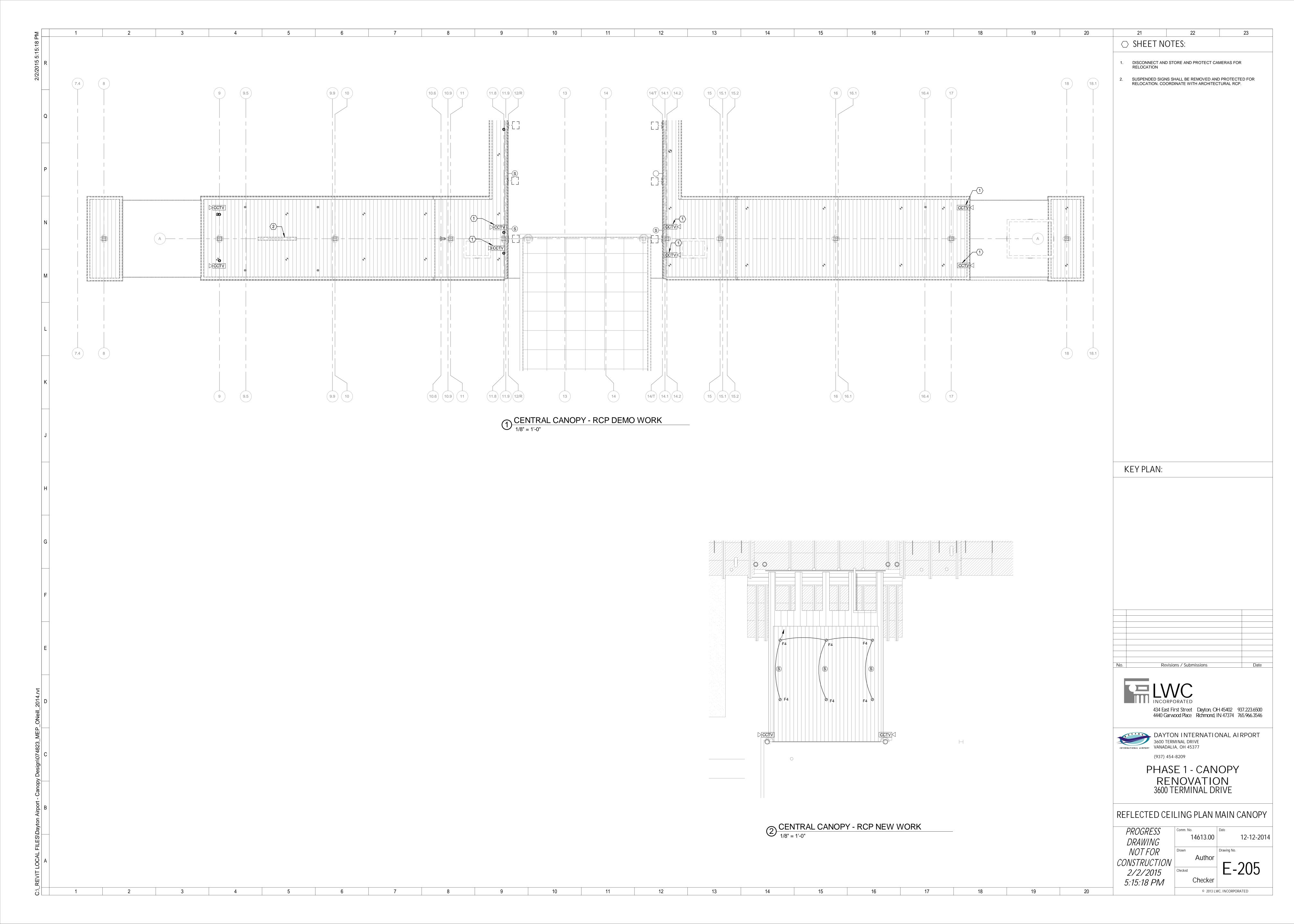
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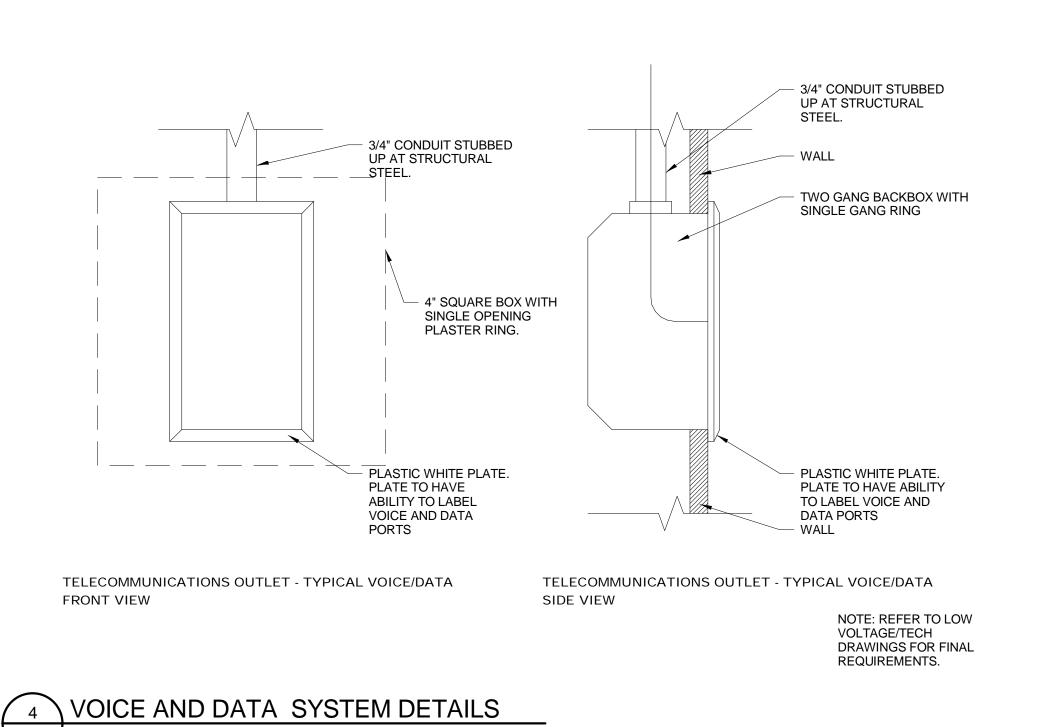
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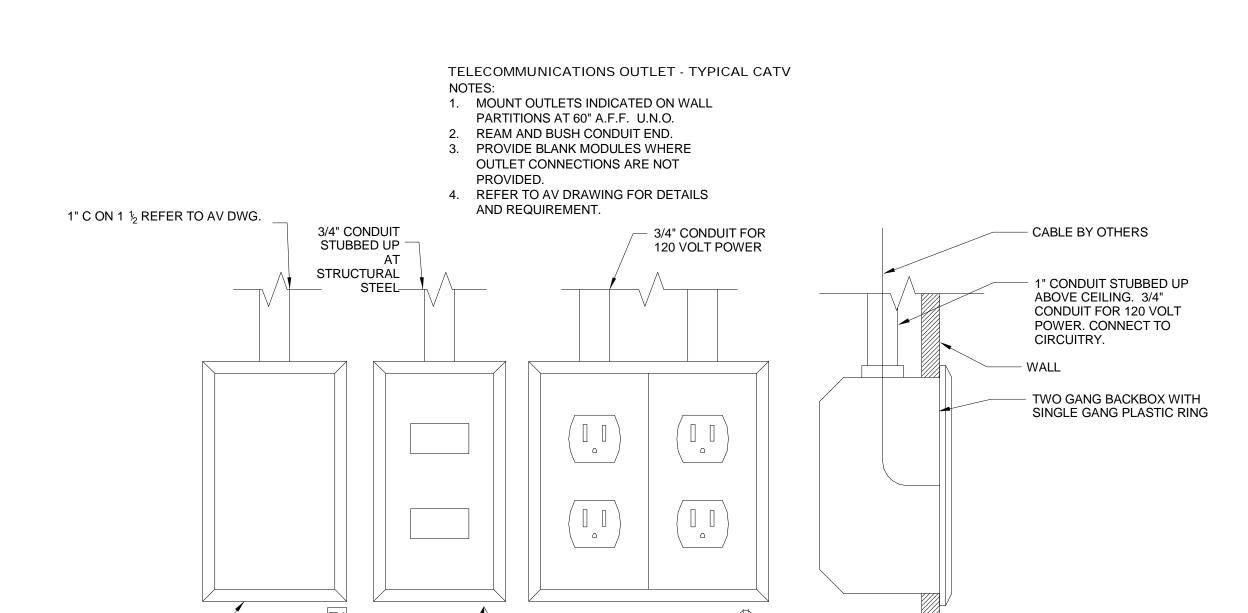
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(5) MONITOR/VIDEO/POWER SYSTEM DETAIL

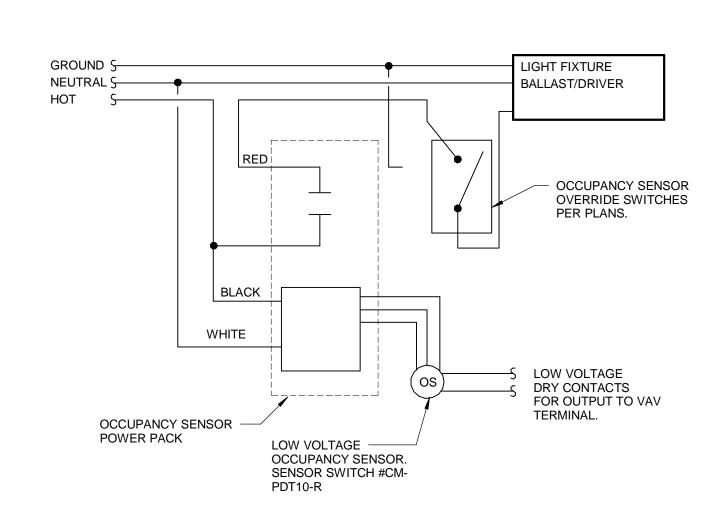
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SCALE

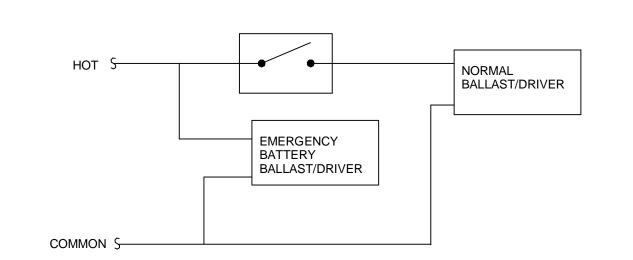
AV BOX WHERE

INDICATED ON

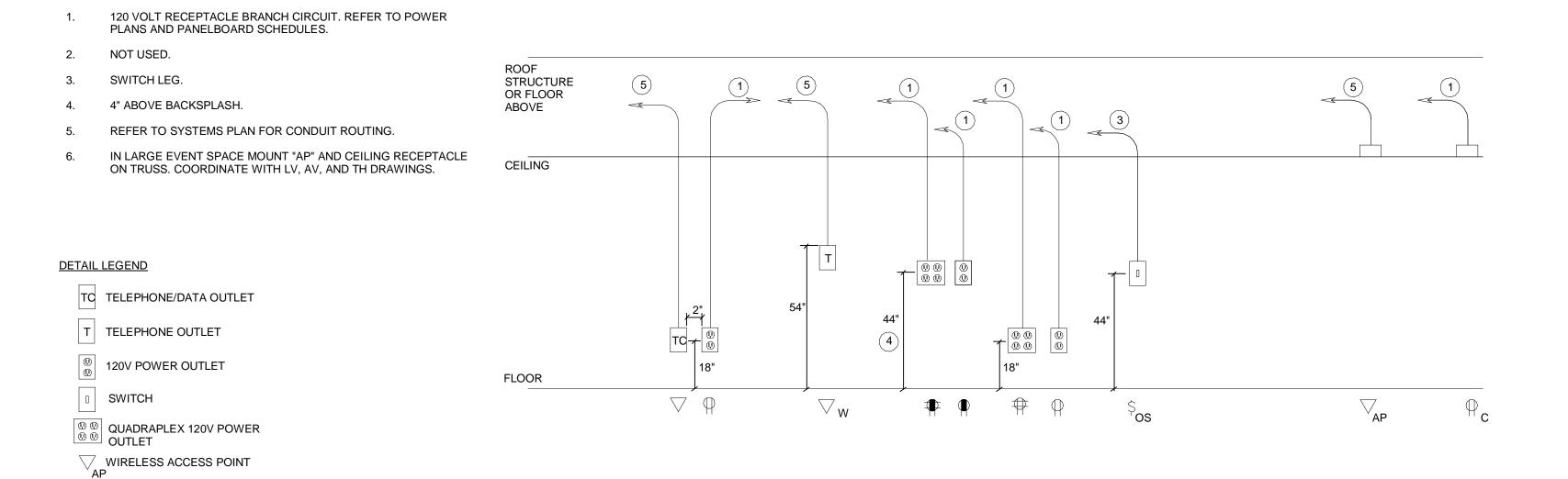
PLANS



OCCUPANCY SENSOR CONTROL WIRING DIAGRAM









DETAIL NOTES:

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KEY PLAN:

○ SHEET NOTES:

No. Revisions / Submissions

LVVC
INCORPORATED

DAYTON INTERNATIONAL AIRPORT
3600 TERMINAL DRIVE

434 East First Street Dayton, OH 45402 937.223.6500 4440 Garwood Place Richmond, IN 47374 765.966.3546

3600 TERMINAL DRIVE VANADALIA, OH 45377

(937) 454-8209

PHASE 1 - CANOPY RENOVATION 3600 TERMINAL DRIVE

ELECTRICAL DETAILS

PROGRESS
DRAWING
NOT FOR
CONSTRUCTION
2/2/2015
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14613.00 12-12-2014

Drawn Author
Checked Checker

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