

REPAIR & RENOVATE INTERIOR JUDICIARY LIBRARY

SUPREME COURT OF MISSOURI

Jefferson City, Missouri

BID DOCUMENTS ISSUE DATE: JULY 29, 2026

OWNER: STATE OF MISSOURI
 MIKE KEHOE, GOVERNOR
 SUPREME COURT OF MISSOURI



DESIGNER: SFS ARCHITECTURE INC.
 2100 Central Street, Suite 31
 Kansas City, Missouri 64108
 Certificate of Authority #000122

PROJECT
MANAGEMENT: OFFICE OF ADMINISTRATION
 DIVISION OF FACILITIES
 MANAGEMENT,
 DESIGN AND CONSTRUCTION



CONSULTANTS: LIGHTWORKS INC.
 361B Main
 Weston, Missouri 64098

 IMPRINT DESIGN + ENGINEERING
 7817 Caenen Lake Rd,
 Shawnee, Kansas 66216

 TERRACON
 15620 West 113th Street
 Lenexa, Kansas 66219

PROJECT NUMBER: O2604-01

SITE NUMBER: 1113

FACILITY NUMBER: 351113001

SHEET NUMBER:

G001

1 OF 25 SHEETS

JULY 29, 2026

SHEET NUMBER	SHEET NAME
G001	COVER
G002	SHEET INDEX AND PROJECT SYMBOLS
G004	SITE & BUILDING ACCESS PLANS
G005	AREA OF WORK PLAN

AD111	DEMOLITION FLOOR AND CEILING PLANS
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A111	FLOOR PLANS
A121	PHOTO DETAILS - TYPICAL CONDITIONS
A131	CEILING PLANS
A151	FINISH PLANS
A211	INTERIOR ELEVATIONS
A212	INTERIOR ELEVATIONS
A213	INTERIOR ELEVATIONS
A531	CEILING DETAILS
A601	INTERIOR DETAILS AND DOOR TYPES

MEP100	MEP COVERSHEET
MEP200	MEP SPECIFICATIONS
MEP201	MEP SPECIFICATIONS

M100	MECHANICAL FLOOR PLANS
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E100	ELECTRICAL FLOOR PLANS
E200	ELECTRICAL FLOOR PLANS
E201	LIGHTING GENERAL NOTES AND SCHEDULES
E202	LIGHTING PLANS
E203	LIGHTING PLANS - ADD ALT #2
E204	LIGHTING PLANS
E205	LIGHTING DETAILS

PROJECT ALTERNATES

1. STRIP, REPAIR AND RESTAIN LAYLIGHT SASH IN LIEU OF REPAIR AND FAUX PAINT (09 9300).
2. INSTALL UPPER STACK LIGHTING AT MEZZANINE BOOKSHELVES (RE: LIGHTING PLANS).
3. REPLACE BROKEN, POOR FITTING AND NON-MATCHING FROSTED REPLACEMENT SECTIONS OF GLASS FLOOR WITH NEW GLASS THAT MATCHES THE ORIGINAL SAND TEXTURE WITH SLIGHT WAVE TEXTURE (08 8000).
4. REPLACE MISSING OR DAMAGED PORTIONS OF MARBLE BASE AT EAST AND WEST END WALL COLUMNS WITH AVAILABLE ATTIC STOCK.

LEGEND - ABBREVIATIONS

#	NUMBER OR POUND
+/-	PLUS OR MINUS
@	AT
A/C	AIR CONDITIONING
ABV	ABOVE
ACT	ACOUSTICAL CEILING TILE
AD	AREA DRAIN
ADA	AMERICANS WITH DISABILITY ACT
ADDL	ADDITIONAL
ADJ	ADJUSTABLE
ADJA	ADJACENT
AFF	ABOVE FINISHED FLOOR
AGGR	AGGREGATE
AL	ALUMINUM
ANCH	ANCHOR
AP	ACCESS PANEL
APPROX	APPROXIMATELY
ARCH	ARCHITECTURAL
ASPH	ASPHALT
AUTO	AUTOMATIC
BD	BOARD
BEL	BELOW
BLDG	BUILDING
BLK	BLOCK
BM	BRICK MODULE
BO	BOTTOM OF
BOT	BOTTOM
BRG	BEARING
BRK	BRICK
BRKT	BRACKET
BSMT	BASEMENT
BUR	BUILT-UP ROOFING
CAB	CABINET
CAT	CATEGORY
CB	CHALK BOARD
CEM	CEMENT/CEMENTITIOUS
CER	CERAMIC
CF	COLD-FORMED
CG	CORNER GUARD
CI	CAST IRON
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CLG	CEILING
CLKG	CAULKING
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CASED OPENING
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRIDOR
CPT	GARPET
CR	GARD READER
CT	CERAMIC TILE
CTR	CENTER
CTSK	COUNTERSUNK
CW	CURTAIN WALL
DBL	DOUBLE
DCP	DOOR CONTROL PANEL
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DISP	DISPENSER
DMT	DEMOUNTABLE
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DRN	DRAIN
DS	DOWNSPOUT
DTL	DETAIL

DW	DISHWASHER
DWG(S)	DRAWING(S)
DWR	DRAWER
E	EAST
EA	EACH
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
ENGR	ENGINEER
EP	ELECTRICAL PANELBOARD
EPDM	ETHYLENE POLYPROPYLENE DIENE MONOMER
EQ	EQUAL
EQPT	EQUIPMENT
ESD	ELECTRO-STATIC DISSIPATIVE
EXIST	EXISTING
EXP	EXPANSION/EXPOSED
EXT	EXTERIOR
F	FABRIC
FA	FIRE ALARM
FD	FLOOR DRAIN OR FIRE DAMPER
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FH	FLAT HEAD OR FULL HEIGHT
FHC	FIRE HOSE CABINET
FIN	FINISH
FIXT	FIXTURE
FL/FLR	FLOOR
FLASH	FLASHING
FLUOR	FLUORESCENT
FND	FOUNDATION
FOB	FACE OF BUILDING
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOS	FACE OF STUD
FOW	FACE OF WALL
FP	FIREPROOF(ING)
FRT	FIRE RETARDANT TREATED
FSD	FIRE SMOKE DAMPER
FT	FOOT OR FEET
FTG	FOOTING
FURR	FURRING
FUT	FUTURE
FV	FIELD VERIFY
FVC	FIRE VALVE CABINET
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GD	GARBAGE DISPOSAL
GEN	GENERAL
GFCI	GROUND FAULT CIRCUIT INTERRUPTION
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GL	GLASS
GN	GENERAL NOTE
GND	GROUND
GR	GUARD RAIL
GWB	GYPSUM WALL BOARD
GYP	GYPSUM BOARD
HB	HOSE BIB
HC	HOLLOW-CORE
HCP	HANDICAPPED
HD	HEAD
HDDB	HARDBOARD
HDR	HEADER
HDW	HARDWARE
HDWD	HARDWOOD
HM	HOLLOW METAL
HOR	HORIZONTAL

HR	HANDRAIL
HT	HEIGHT
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HW	HOT WATER
HWH	HOT WATER HEATER
ID	INSIDE DIAMETER/DIMENSION
IN	INCH
INCAN	INCANDESCENT
INCL	INCLUDE(ING)
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
INTER	INTERMEDIATE
INV	INVERT/INVERSE
J-BOX	JUNCTION BOX
JAN	JANITOR
JST	JOIST
JT	JOINT
KIT	KITCHEN
KO	KNOCKOUT
KP	KICK PLATE
L	LENGTH
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LF	LINEAR FOOT/FEET
LG	LONG
LKR	LOCKER
LTG	LIGHTING
M	METER/METERS
MACH	MACHINE
MAINT	MAINTENANCE
MAS	MASONRY
MAT	MATERIAL
MAX	MAXIMUM
MDF	MEDIUM-DENSITY FIBERBOARD
MECH	MECHANICAL
MEMB	MEMBRANE
MEP	MECHANICAL, ELECTRICAL, PLUMBING
MFR	MANUFACTURER
MH	MANHOLE
MIC	MICROWAVE
MID	MIDDLE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MM	MILLIMETER
MO	MASONRY OPENING
MTD	MOUNTED
MTL	METAL
MUL	MULLION
N	NORTH
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCl	OWNER FURNISHED, CONTRACTOR INSTALLED
OFD	OVERFLOW DRAIN
OFF	OFFICE
OFOI	OWNER FURNISHED, OWNER INSTALLED
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
OSB	ORIENTED STRAND BOARD
OVHD	OVERHEAD
OWSJ	OPER WEB STEEL JOIST
OZ	OUNCE
P-LAM	PLASTIC LAMINATE
PAV	PAVING
PC	PRECAST CONCRETE

PERP	PERPENDICULAR
PL	PLATE
PLAS	PLASTER
PLBG	PLUMBING
PLYWD	PLYWOOD
PM	PANEL MODULE
PNL	PANEL
POL	POLISHED
PR	PAIR
PRCST	PRECAST
PT	PAINT/POINT
PTD	PAINTED
PTN	PARTITION
PTR	PAPER TOWEL RECEPTACLE
QT	QUARRY TILE
R	RISER
RA	RETURN AIR
RAD	RADIUS
RB	RESILIENT BASE
RCP	REFLECTED CEILING PLAN
RO	ROUGH OPENING
REC	RECESSED
REF	REFERENCE
REINF	REINFORCED
REM	REMAINING
REQD	REQUIRED
RES	RESILIENT
RET	RETAINING
REV	REVERSE
RFG	REFRIGERATOR
RFL	REFLECTED
RGTR	REGISTER
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
RP	RADIUS POINT
RWL	RAIN WATER LEADER
S	SOUTH
SAN	SANITARY
SC	SOLID CORE
SCD	SEAT COVER DISPENSER
SCHED	SCHEDULE
SD	SOAP DISPENSER
SECT	SECTION
SF	SQUARE FOOT (FEET)
SH	SHELF
SHR	SHOWER
SHT	SHEET
SIM	SIMILAR
SK	SINK
SL	SLIDING
SND	SANITARY NAPKIN DISPENSER
SNR	SANITARY NAPKIN RECEPTACLE
SP	SPEAKER
SQ	SQUARE
SS	STAINLESS STEEL
SSK	SERVICE SINK
STA	STATION
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STL	STEEL
STOR	STORAGE
STR	STAIRS
STRUCT	STRUCTURE/STRUCTURAL
SUSP	SUSPENDED
SW	SHEER WALL
SY	SQUARE YARD
SYM	SYMMETRICAL
SYS	SYSTEM
T	TREAD
T&G	TONGUE AND GROOVE
TB	TOWEL BAR
TBD	TO BE DETERMINED
TD	TOP OF DECKING
TEL	TELEPHONE
TEMP	TEMPERED

TERR	TERRAZZO
TH	THICK
TO	TOP OF
TOC	TOP OF CONCRETE
TOP	TOP OF PARAPET
TOPL	TOP OF PLATE
TOS	TOP OF SLAB
TOSTL	TOP OF STEEL
TOW	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TPH	TOILET PAPER HOLDER
TV	TELEVISION
TYP	TYPICAL
UC	UNDER COUNTER
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
VAR	VARIES
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VEN	VENEER
VERT	VERTICAL
VEST	VESTIBULE
VOL	VOLUME
VP	VENEER PLASTER
W	WEST
W.C	WALL COVERING
W/	WITH
W/O	WITHOUT
WB	WHITE BOARD
WC	WATER CLOSET
WDW	WINDOW
WF	WOOD FLOORING
WH	WATER HEATER
WP	WATERPROOF
WR	WATER RESISTANT
WRB	WEATHER RESISTANT BARRIER
WSC	WAINSCOT
WT	WEIGHT
WWF	WELDED WIRE FABRIC

PROJECT SYMBOLS

	NEW CONSTRUCTION
	EXISTING CONSTRUCTION
	ROOM NAME AND NUMBER
	CENTER LINE
	MATCH LINE
	LEVEL IDENTIFIER
	DOOR INDICATION TAG
	PARTITION TYPE
	WINDOW TYPES
	PLAN KEYNOTES
	SPOT ELEVATION
	DRAWING REVISION
	NORTH ARROW
	EXTERIOR ELEVATION REFERENCE
	INTERIOR ELEVATION REFERENCE
	BUILDING SECTION REFERENCE TAG
	WALL SECTION REFERENCE TAG
	DETAIL SECTION REFERENCE TAG
	VIEW TITLE
	NEW GRID IDENTIFIER
	EXISTING GRID IDENTIFIER

STATE OF MISSOURI
MIKE KEHOE,
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JEFFERSON CITY,
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PROJECT # 02604-01
SITE # 1113
FACILITY # 351113001

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DATE: _____
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CAD DWG FILE:
DRAWN BY: KH
CHECKED BY: JG
DESIGNED BY: SFS Architecture

SHEET TITLE:

SHEET INDEX
AND PROJECT
SYMBOLS

SHEET NUMBER:

G002

2 OF 25 SHEETS
JULY 29, 2026

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 CHECKED BY: JG _____
 DESIGNED BY: SFS Architecture _____

SHEET TITLE:

**SITE & BUILDING
ACCESS PLANS**

SHEET NUMBER:

G004

3 OF 25 SHEETS
JULY 29, 2026

Key Value	Keynote Text
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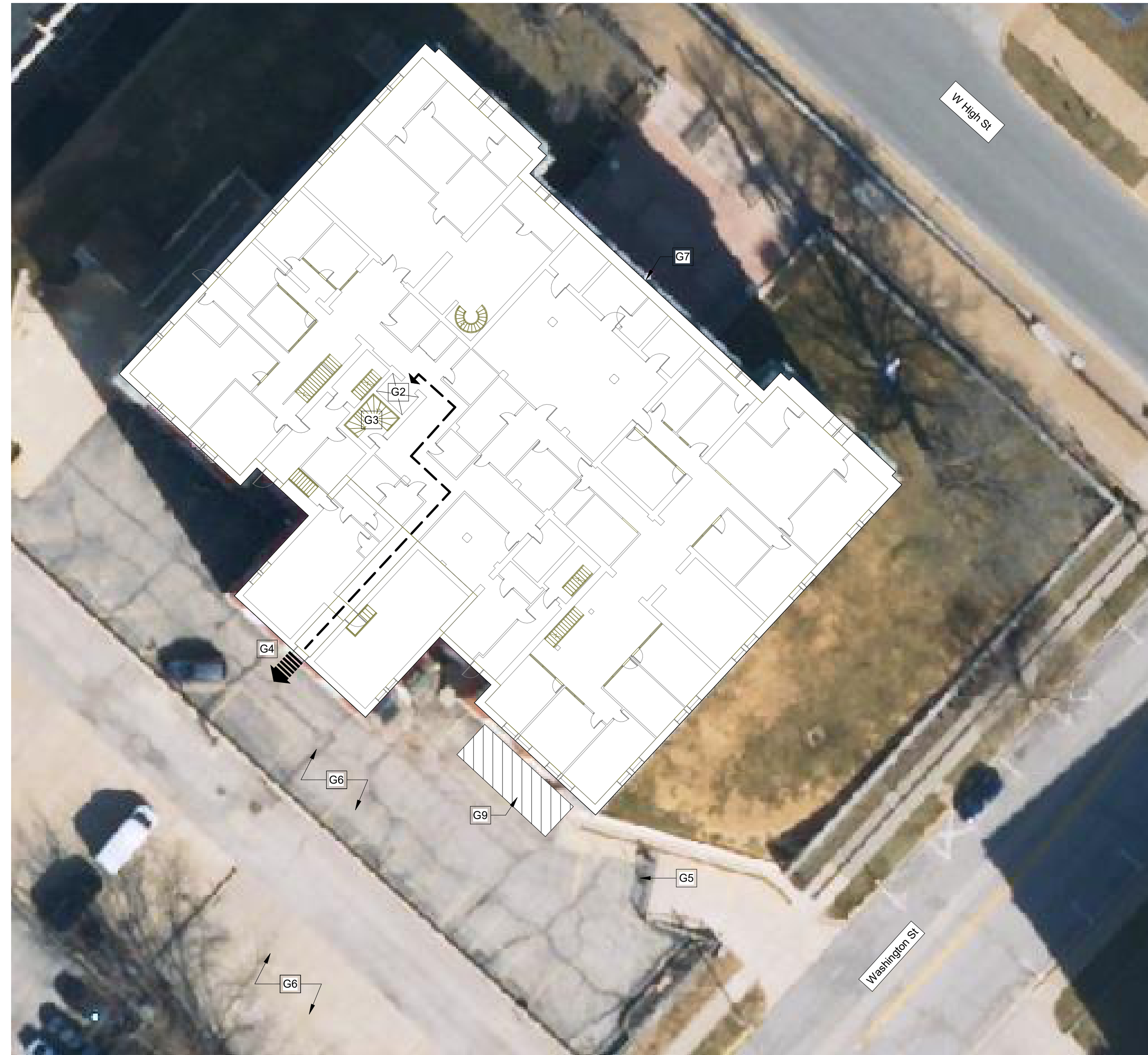
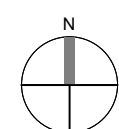
Key Value	Keynote Text
G2	EXISTING ELEVATOR - INTERIOR DIMENSIONS 41" DEEP X 73" WIDE X 90" CEILING. DOOR OPENING 36" WIDE X 84" TALL
G3	EXISTING STAIR
G4	CONTRACTOR BUILDING ACCESS
G5	SECURED PARKING ACCESS GATE
G6	SUPREME COURT BUILDING EMPLOYEE PARKING
G7	STAIR ACCESS TO MAIN BUILDING ENTRANCE (FIRST FLOOR)
G9	CONTRACTOR LAY-DOWN AREA

1. THE MISSOURI SUPREME COURT BUILDING IS LISTED AS CONTRIBUTING TO THE SIGNIFICANCE OF THE MISSOURI STATE CAPITOL HISTORIC DISTRICT. ANY WORK UNDERTAKEN BY THIS PROJECT SHALL COMPLY WITH THE MISSOURI HISTORIC STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES: RESTORATION (01 3591).
2. THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION. MAINTAIN REQUIRED BUILDING ACCESS AT ALL TIMES. REGULAR BUILDING HOURS OF OPERATION ARE MONDAY THROUGH FRIDAY 8:00 AM TO 5:00 PM. COORDINATE AND SUPERVISE CONSTRUCTION SUCH THAT INTERRUPTIONS OF SERVICES ARE MINIMIZED.
3. CONTRACTOR SHALL COMPLY WITH ALL BUILDING REQUIREMENTS AS OUTLINED IN THESE CONTRACT DOCUMENTS. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION.
4. PROVIDE DIRECTIONAL SIGNAGE AS REQUIRED.
5. PROTECT AND KEEP CLEAR FROM DAMAGE EXISTING SITE CONDITIONS INCLUDING BUT NOT LIMITED TO RAMPS, STAIRS, HAND AND GUARDRAILS, RETAINING WALLS, CURBS, SIGNS, FIRE HYDRANTS, BUILDING AND SITE LIGHTING, TRASH CANS, TREES, PLANTERS AND LANDSCAPING.
6. REMOVE ALL CONSTRUCTION WASTE FROM THE SITE IN ACCORDANCE WITH THE SPECIFICATIONS AND APPLICABLE CODES/STANDARDS.
7. MATERIAL HOISTING REQUIREMENTS:
 - A. USE FREE-STANDING, FLOOR SUPPORTED HOISTING EQUIPMENT. PROVIDE ACCESS FOR SPECIFIC HOISTING CONDITION.
 - B. DO NOT USE DECORATIVE ELEMENTS/STAIR RAILINGS/BALUSTERS FOR HOISTING/EQUIPMENT SUPPORT.
 - C. PROTECT FLOORING AND ADJACENT FINISHES.
 - D. COORDINATE HOISTING AND EQUIPMENT ERECTION TIMES WITH BUILDING STAFF TO AVOID CONFLICTS WITH BUILDING OPERATIONS

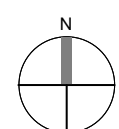
EXIT ACCESS TO BE MAINTAINED AT ALL TIMES,
U.N.O.; EGRESS DISCHARGE PATH SHALL
EXTEND TO PUBLIC SIDEWALK

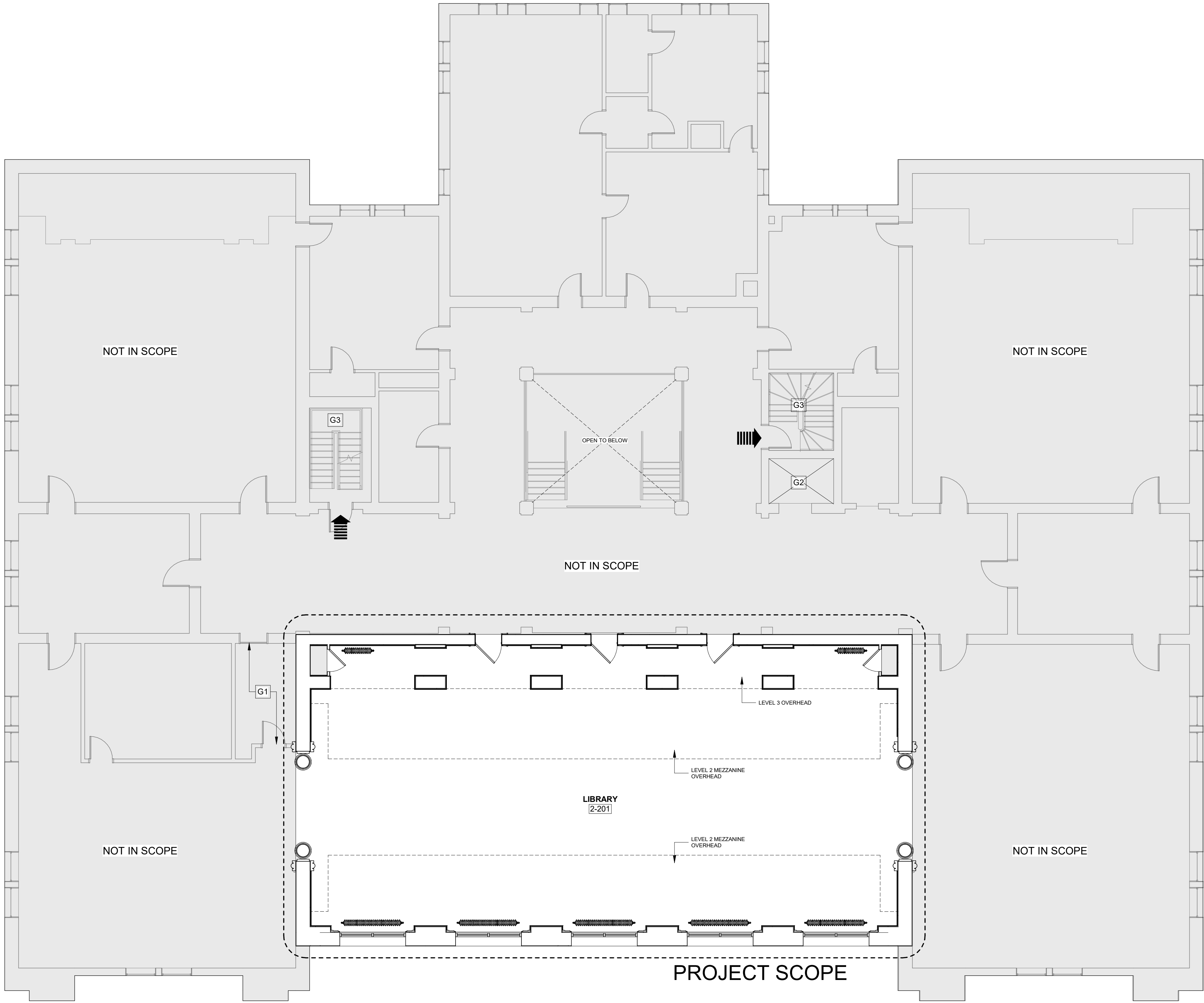


1 VICINITY & SITE ACCESS PLAN
G004 1" = 80'-0"



2 LOWER LEVEL BUILDING ACCESS PLAN
G004 1" = 20'-0"





GENERAL NOTES - WORK AREA & EGRESS PLAN

- THE MISSOURI SUPREME COURT BUILDING IS LISTED AS CONTRIBUTING TO THE SIGNIFICANCE OF THE MISSOURI STATE CAPITOL HISTORIC DISTRICT. ANY WORK UNDERTAKEN BY THIS PROJECT SHALL COMPLY WITH THE SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES: RESTORATION (01 3591).
- THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION. MAINTAIN REQUIRED BUILDING EGRESS AT ALL TIMES. REGULAR BUILDING HOURS OF OPERATION ARE MONDAY THROUGH FRIDAY 8:00 AM TO 5:00 PM. COORDINATE AND SUPERVISE CONSTRUCTION SUCH THAT INTERRUPTIONS OF SERVICES ARE MINIMIZED. CONTRACTOR SHALL COMPLY WITH SCHEDULING REQUIREMENTS AS OUTLINED IN THESE CONTRACT DOCUMENTS. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION.
- PROVIDE DIRECTIONAL SIGNAGE AS REQUIRED.
- PROTECT AND KEEP SAFE FROM DAMAGE EXISTING SITE COMPONENTS INCLUDING BUT NOT LIMITED TO RAMPS, STAIRS, HAND AND GUARDRAILS, RETAINING WALLS, CURBS, SIGNS, FIRE HYDRANTS, BUILDING AND SITE LIGHTING, TRASH CANS, TREES, PLANTERS AND LANDSCAPING.
- REMOVE ALL CONSTRUCTION WASTE FROM THE SITE IN ACCORDANCE WITH THE SPECIFICATIONS AND APPLICABLE CODES/STANDARDS.
- MATERIAL HOISTING REQUIREMENTS:
 - USE FREE-STANDING, FLOOR SUPPORTED HOISTING EQUIPMENT DESIGNED FOR SPECIFIC HOISTING CONDITION.
 - DO NOT USE DECORATIVE ELEMENTS/STAIR RAILINGS/BALUSTERS FOR HOISTING/EQUIPMENT SUPPORT.
 - PROTECT FLOORING AND ADJACENT FINISHES.
 - COORDINATE HOISTING AND EQUIPMENT ERECTION TIMES WITH BUILDING STAFF TO AVOID CONFLICTS WITH BUILDING OPERATIONS

PLAN LEGEND

- EXIT ACCESS TO BE MAINTAINED AT ALL TIMES.
U.N.O.; EGRESS DISCHARGE PATH SHALL
EXTEND TO PUBLIC SIDEWALK

LEGEND - KEYNOTES

Key Value	Keynote Text
G1	MAINTAIN ACCESS TO DISCOVERY ROOM THROUGHOUT DURATION OF CONSTRUCTION
G2	EXISTING ELEVATOR - INTERIOR DIMENSIONS 41" DEEP X 73" WIDE X 90" CEILING. DOOR OPENING 36" WIDE X 84" TALL
G3	EXISTING STAIR

STATE OF MISSOURI
MIKE KEHOE,
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MISSOURI 65101

PROJECT # 02604-01
SITE # 1113
FACILITY # 351113001

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DRAWN BY: KH
CHECKED BY: JG
DESIGNED BY: SFS Architecture

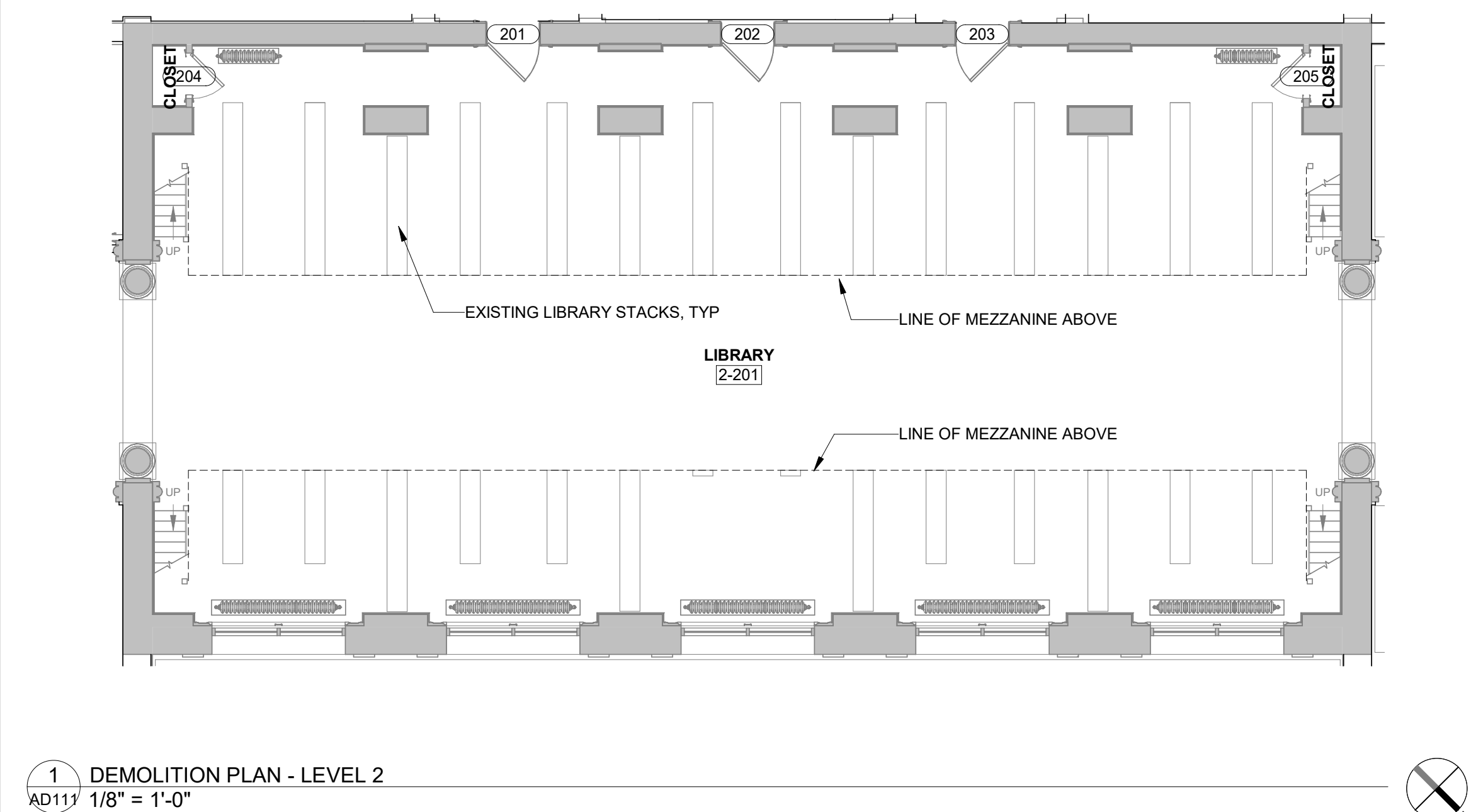
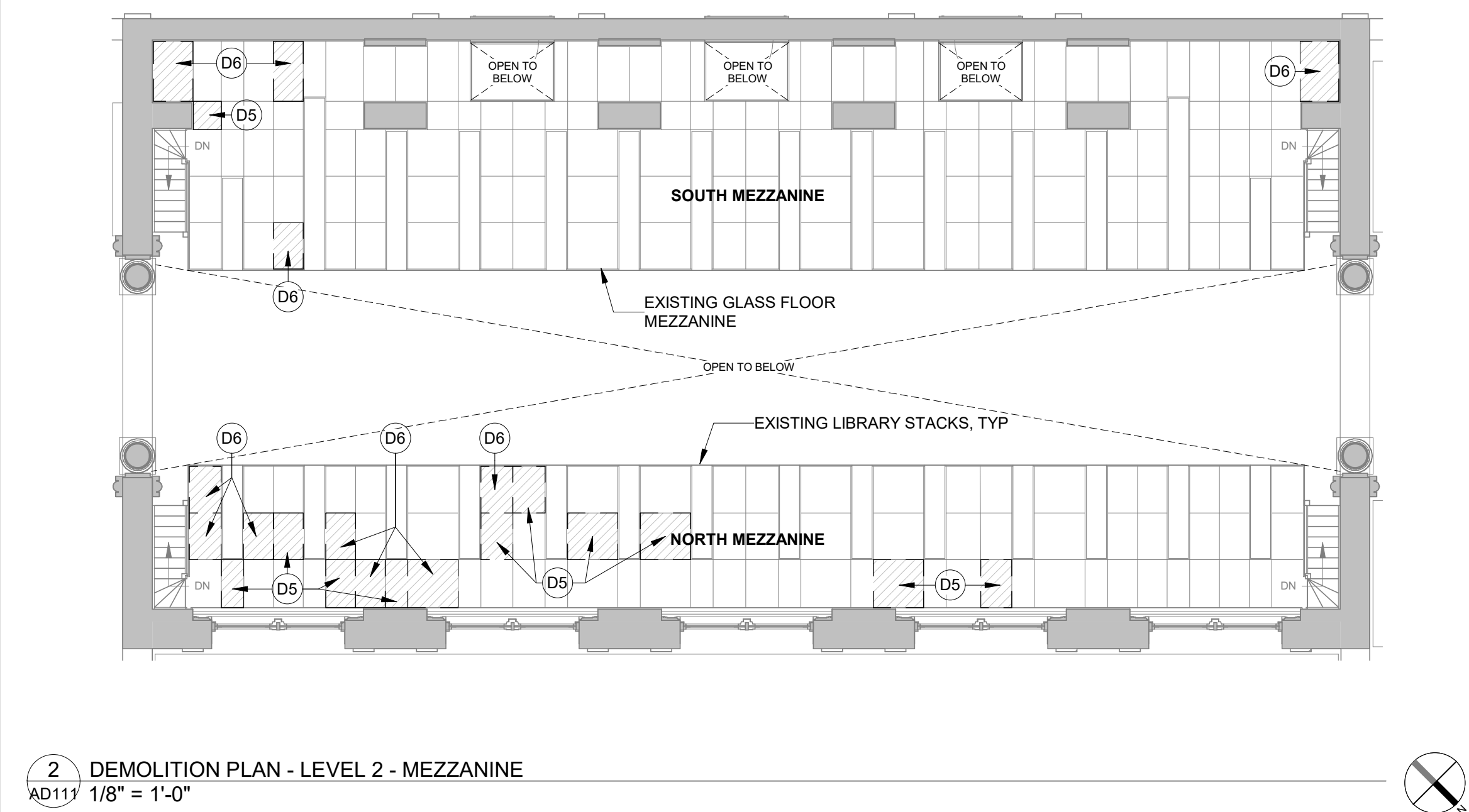
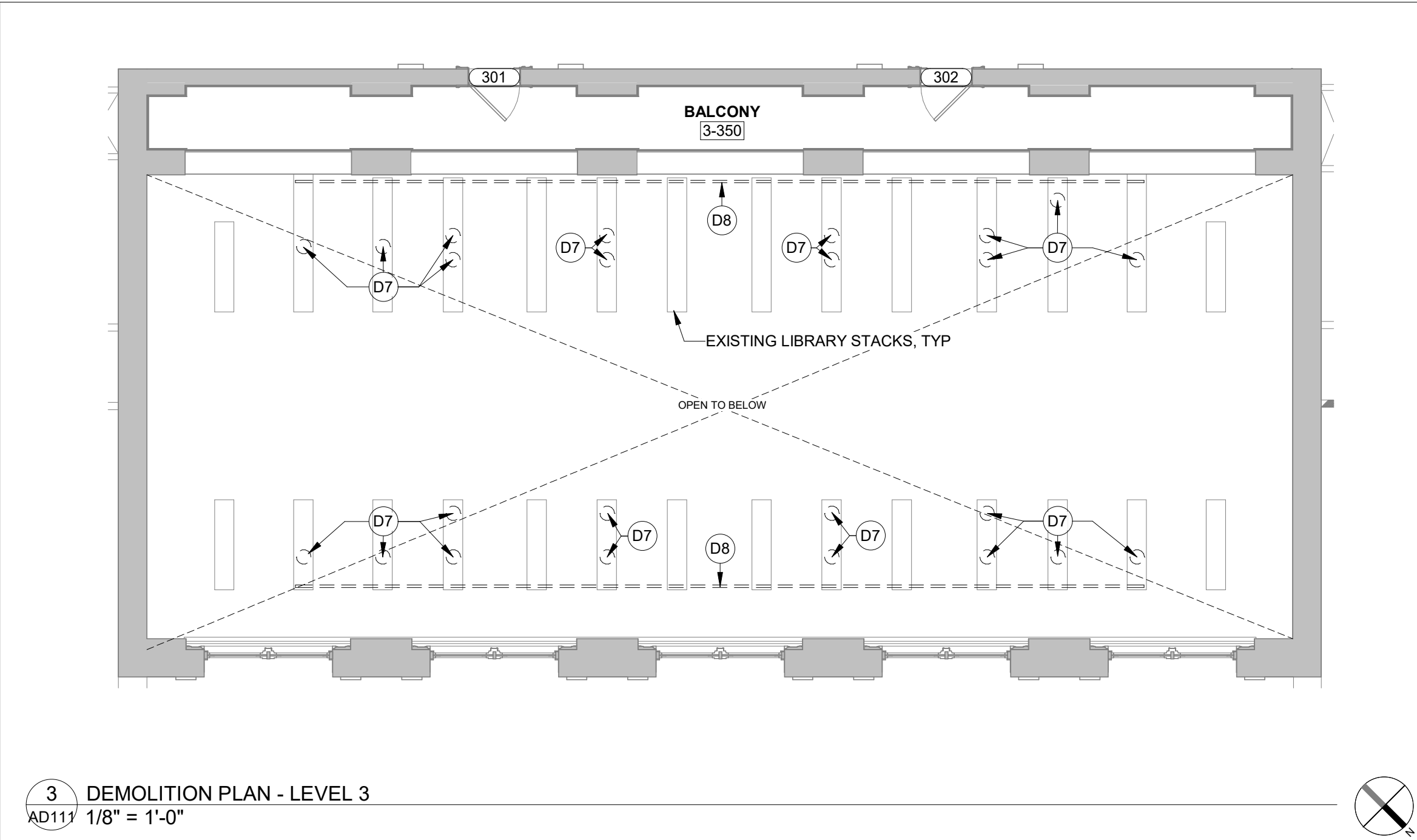
SHEET TITLE:

AREA OF WORK
PLAN

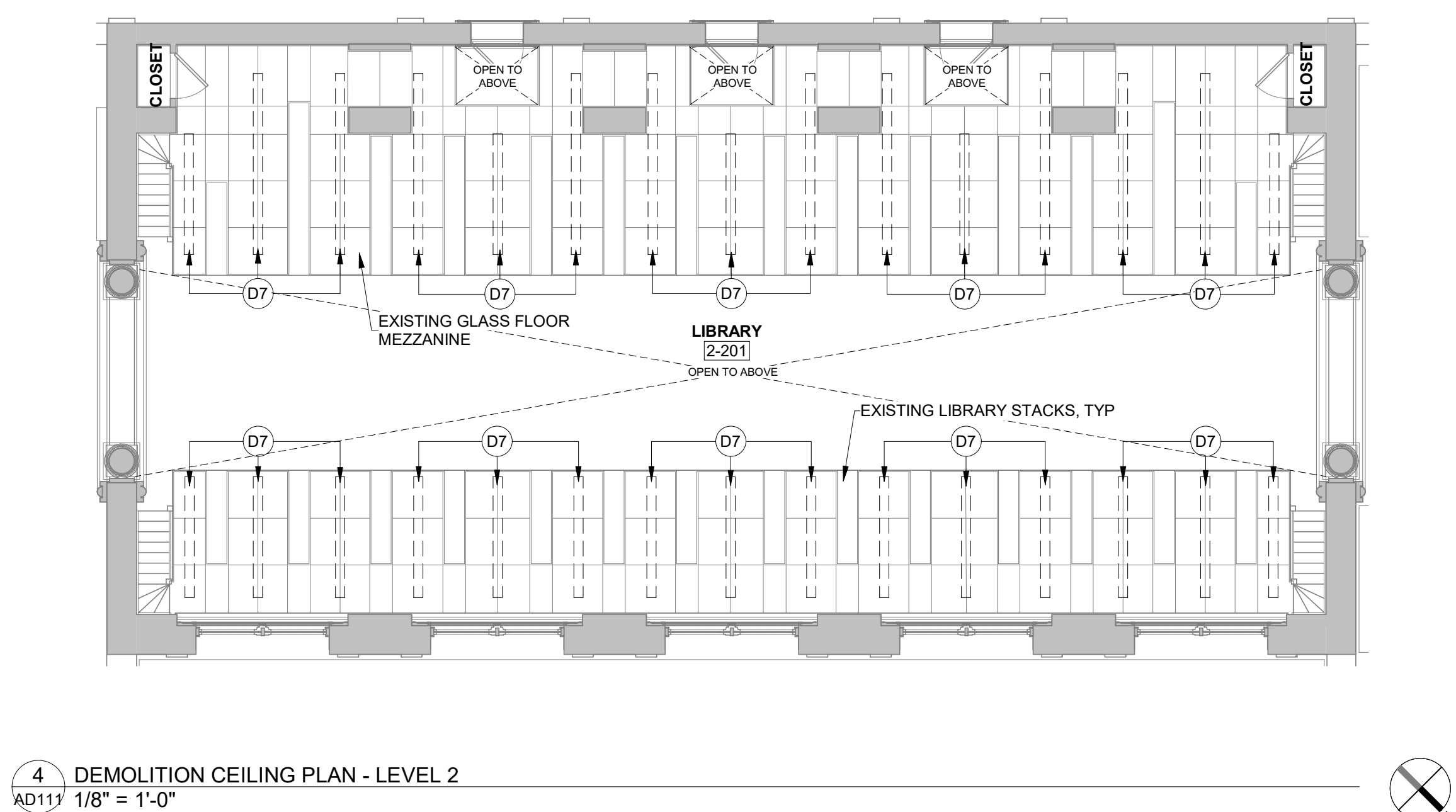
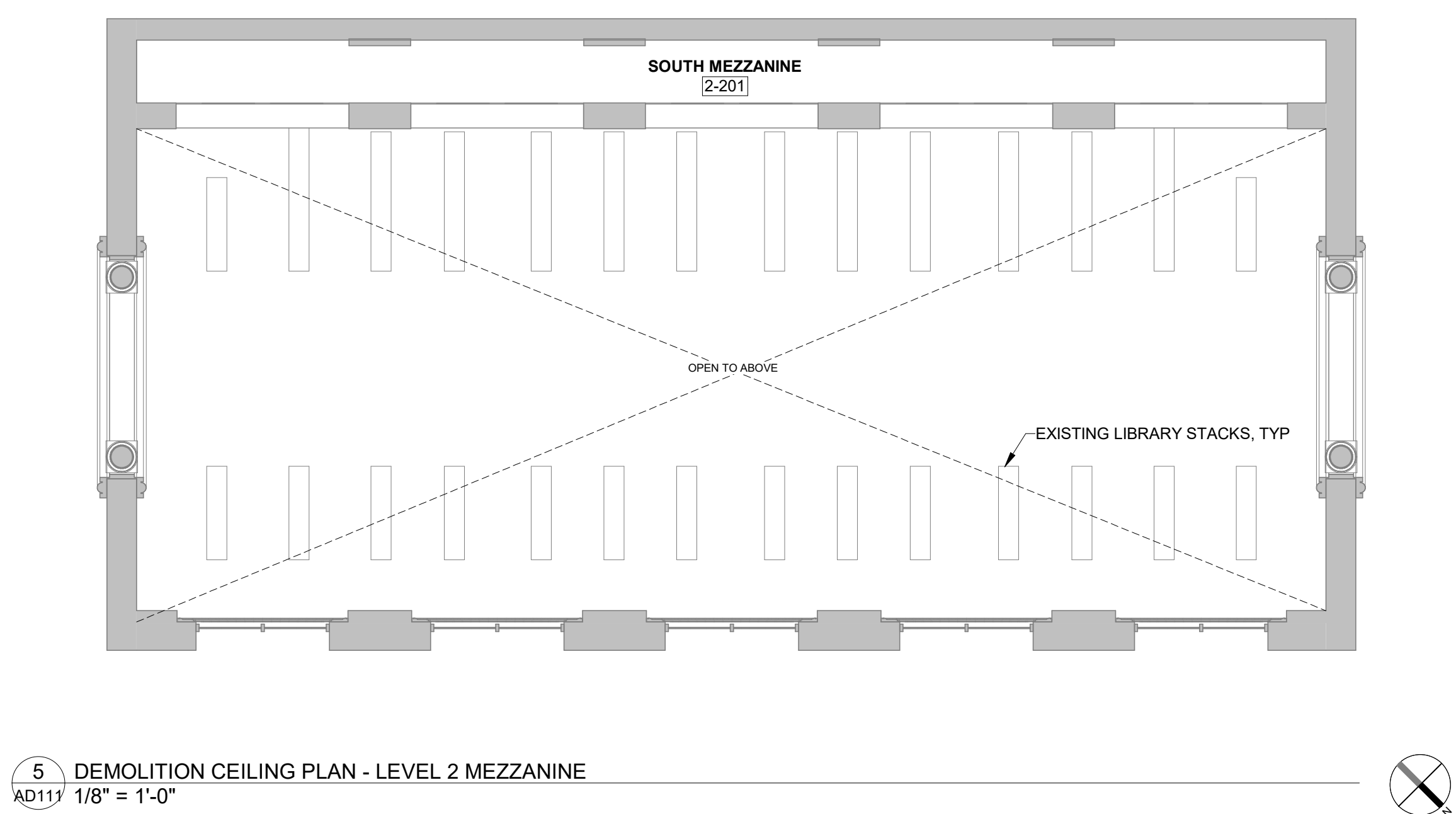
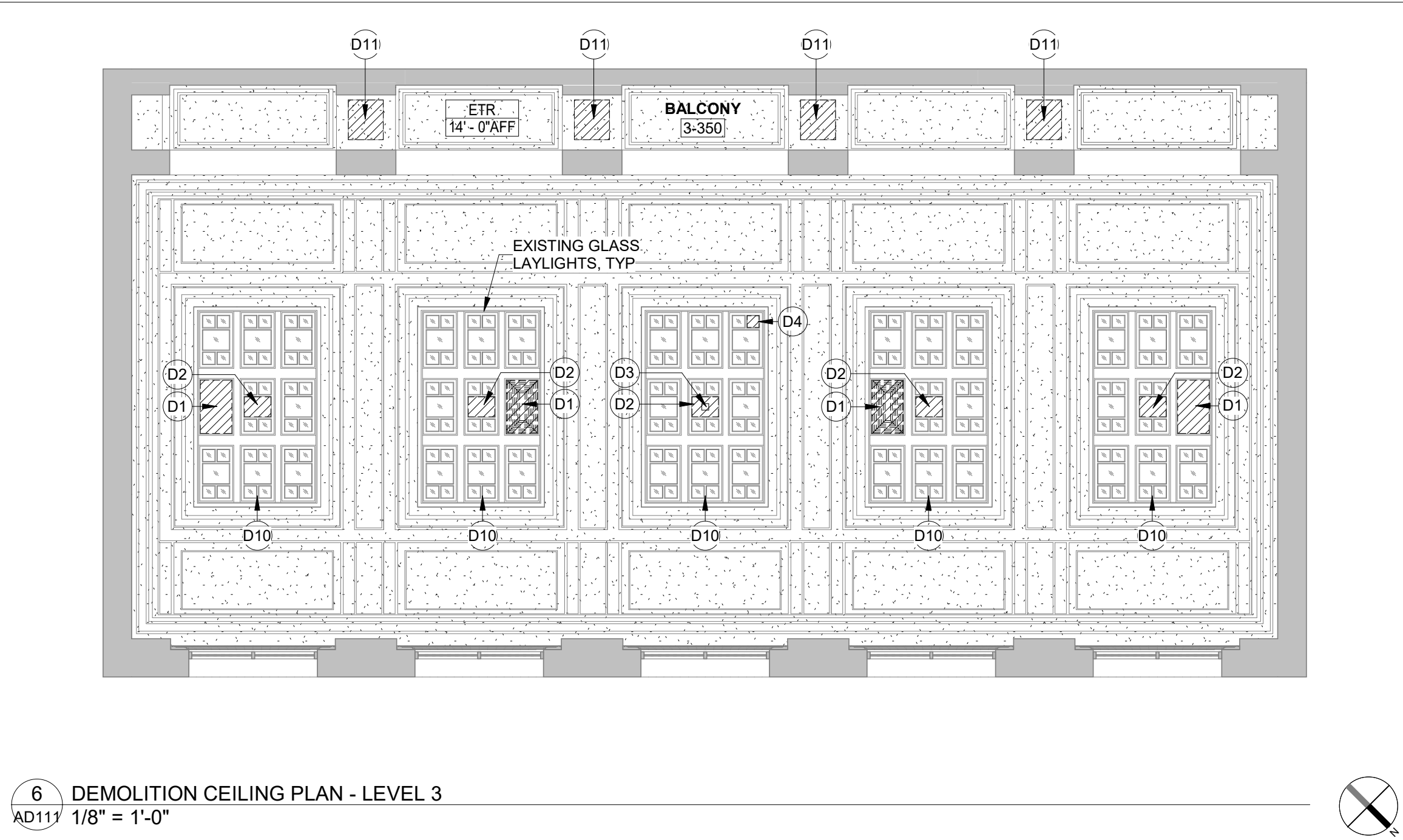
SHEET NUMBER:

G005

4 OF 25 SHEETS
JULY 29, 2026



1 DEMOLITION PLAN - LEVEL 2
AD111 1/8" = 1'-0"



4 DEMOLITION CEILING PLAN - LEVEL 2
AD111 1/8" = 1'-0"

GENERAL NOTES - DEMOLITION

1. THE MISSOURI SUPREME COURT BUILDING IS LISTED AS CONTRIBUTING TO THE SIGNIFICANCE OF THE MISSOURI STATE CAPITOL HISTORIC DISTRICT. ANY WORK UNDERTAKEN BY THIS PROJECT SHALL COMPLY WITH THE SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES: RESTORATION (01 3591).
2. DIMENSIONS SHOWN ON DRAWINGS ARE TO THE FINISHED FACE OF MATERIAL AND/OR CENTERLINES OF STRUCTURE, UNLESS NOTED OTHERWISE.
3. AT LOCATIONS WHERE NEW WORK IS REQUIRED, INCLUDING BUT NOT LIMITED TO PLENUM SPACES, CHASES, WALL CONSTRUCTION, AND CEILING HEIGHTS, CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO PREPARING BIDS.
4. CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO PROTECT ALL ADJACENT WORK NOT INDICATED TO BE DEMOLISHED PRIOR TO COMMENCEMENT OF DEMOLITION. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE AND REPAIR CAUSED BY CONTRACTOR'S NEGLIGENT PERFORMANCE.
5. AT LOCATIONS WHERE PORTIONS OF WALL OR CEILING CONSTRUCTION AND DOORS OR WINDOWS AND THEIR FRAMES ARE SCHEDULED TO BE REMOVED, PATCH AND REPAIR ADJACENT WALL OR CEILING CONSTRUCTION WITH MATCHING FINISH MATERIAL AND CONSTRUCTION, UNLESS NOTED OTHERWISE.
6. PATCH HOLES IN FLOOR CONSTRUCTION AND WALLS CREATED BY REMOVAL OF DUCTWORK, CONDUITS AND PIPES. PROVIDE APPROPRIATE PENETRATION FIRESTOPPING TO MAINTAIN REQUIRED FIRE RATING.
7. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DEMOLITION DRAWINGS FOR ASSOCIATED WORK.
8. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING OF PARTIALLY DEMOLISHED CONSTRUCTION AND STRUCTURAL ELEMENTS AS REQUIRED TO MAINTAIN SAFE WORKING CONDITIONS.

DEMOLITION LEGEND

- EXISTING CONSTRUCTION
- DEMOLISHED FLOOR/CEILING CONSTRUCTION
- KEYNOTE IDENTIFIER

LEGEND - KEYNOTES

Key Value	Keynote Text
C2	EXISTING GLASS LAYLIGHTS, TYP
D1	REMOVE EXISTING MECHANICAL DIFFUSER, PREP TO RECEIVE NEW LAYLIGHT (02 4100) (RE: MECHANICAL)
D2	REMOVE EXISTING LAYLIGHT INFILL PANEL, PREP TO RECEIVE NEW GLASS PANE (02 4100)
D3	REMOVE EXISTING WIFI ROUTER, REINSTALL IN LOCATION AS DIRECTED BY OWNER (02 4100)
D4	REMOVE BROKEN LAYLIGHT PANE, PREP TO RECEIVE NEW GLASS PANE (02 4100)
D5	(ADD ALTERNATE #3) REMOVE DAMAGED AND/OR POORLY FITTED SECTIONS OF GLASS FLOORING (02 4100)
D6	(ADD ALTERNATE #3) REMOVE NON-MATCHING FROSTED SECTIONS OF GLASS FLOORING (02 4100)
D7	REMOVE EXISTING LIGHT FIXTURE (02 4100)
D8	REMOVE EXISTING POWER RACEWAY (02 4100)
D10	REMOVE ALL EXISTING LAYLIGHT SASHES FOR RESTORATION, TYPICAL (02 0342)
D11	REMOVE INSET PORTIONS OF PLASTER CEILING, PREP TO RECEIVE NEW RETURN AIR GRILLE, FIELD VERIFY ALL DIMENSIONS PRIOR TO DEMOLITION (RE: MECHANICAL)

STATE OF MISSOURI
MIKE KEHOE,
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FACILITY # 351113001

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CAD DWG FILE:
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CHECKED BY: Checker
DESIGNED BY: SFS Architecture

SHEET TITLE:
DEMOLITION
FLOOR AND
CEILING PLANS

SHEET NUMBER:

AD111
5 OF 25 SHEETS
JULY 29, 2026

Professional Engineer Seal for Dana Clump, State of Missouri, License Number 20020057, dated July 29, 2016.

6 OF 25 SHEETS
JULY 29, 2026

Key Value	Keynote Text
GL1	(ADD ALTERNATE #3) REPLACE DAMAGED AND/OR POORLY FITTED SECTIONS OF GLASS FLOORING WITH GLASS MATCHING THE ORIGINAL SAND TEXTURE WITH SLIGHT WAVE TEXTURE. (08 8000)
GL2	(ADD ALTERNATE #2) REPLACE NON-MATCHING FROSTED SECTIONS OF GLASS FLOORING WITH GLASS MATCHING THE ORIGINAL SAND TEXTURE WITH SLIGHT WAVE TEXTURE. (08 8000)
P1	(P1) FLAT PLASTER FINISH COAT REMOVAL AND REPLACEMENT, TYP. (09 0320)
W1	(W1) REPLACE SPLIT OR MISSING RUNNING WOOD TRIM TO EXTENTS SHOWN. (08 0300)
W2	(W2) EPOXY PATCH REPAIR CRACKED, SPLIT, OR CHIPPED (MISSING) AREAS OF WOOD BASE OR PANEL. REATTACH. (06 0300)

1. THE MISSOURI SUPREME COURT BUILDING IS LISTED AS CONTRIBUTING TO THE SIGNIFICANCE OF THE MISSOURI STATE CAPITAL HISTORIC DISTRICT. ANY WORK UNDERTAKEN BY THIS PROJECT SHALL COMPLY WITH THE SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES:
2. NOTATION (1) SHALL BE USED TO REFERENCE THE FOLLOWING:
3. REFER TO COMPLETE SET OF ISSUED CONTRACT DOCUMENTS FOR APPLICABLE NOTES, ABBREVIATIONS, AND SYMBOLS.
4. DO NOT SCALE THE DRAWINGS. IF DIMENSIONS ARE IN QUESTION OBTAIN CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING.
5. NOTE THE ARCHITECT'S INTENT REGARDING THE RELATIONSHIP BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING.
6. WHERE EXISTING CONSTRUCTION AND/OR GRIDS ARE DIMENSIONED, CONTRACTOR SHALL VERIFY EXISTING DIMENSIONS PRIOR TO PERFORMING LAYOUT WORK REQUIRED FOR DEMOLITION AND/OR NEW CONSTRUCTION.
7. DIMENSIONS IN RENOVATED AREAS ARE FROM THE FINISHED FACE OF EXISTING WALLS AND TO THE FINISHED FACE OF NEW PARTITIONS UNLESS NOTED OTHERWISE.
8. VERIFY EXISTING DIMENSIONS, CONDITIONS, AND CLEARANCES PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS.
9. FIELD MEASURE AND CONFIRM DIMENSIONS FOR OWNER PROVIDED EQUIPMENT AND FURNISHINGS. COORDINATE WITH THE OWNER ON DELIVERY AND INSTALLATION OF OWNER SUPPLIED/CONTRACTOR INSTALLED ITEMS. MINIMUM REQUIRED OPENINGS AND ACCESSIBLE ROADS TO THE INSTALLATION AREA SHALL BE VERIFIED AND COORDINATED.
10. WHERE NEW UTILITIES, BLOCKINGS, FIXTURES, ETC. ARE INDICATED TO BE INSTALLED WITHIN EXISTING CONSTRUCTION THE WALLS SHALL BE NEATLY OPENED, IT IS INSTALLED, AND WALLS PATCHED TO MATCH ORIGINAL CONDITIONS. SUCH OPENINGS MAY REQUIRE THE ADDITION OF SUB-FRAMING.
11. OPENINGS IN RATED WALL, FLOOR, CEILING, AND ROOF ASSEMBLIES SHALL BE SEALED WITH LISTED FIRE-RESISTANT JOINT SYSTEMS OR MATCHED WITHIN A RATED CEILING.
12. MAINTAIN THE FIELD FINISHING OF CONSTRUCTION AROUND CABINETS, PANELS, AND BOXES RECESSED IN FIRE RATED WALL, FLOOR, AND CEILING ASSEMBLIES.
13. WHERE WORK OCCURS IN AREAS WITH EXISTING FINISHES TO REMAIN REPAIR DISTURBED AREAS TO MATCH EXISTING FINISHES AND MATERIALS UNLESS NOTED OTHERWISE.
14. WHERE MATERIALS ARE APPLIED TO, OR ARE IN DIRECT CONTACT WITH, WORK INSTALLED BY ANOTHER CONTRACTOR, COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF THE SUBSTRATE AS SUITABLE FOR THE APPLICATION.
15. ISOLATE DISSIMILAR METALS TO PREVENT GALVANIC CORROSION. COORDINATE LOCATION OF SEALANT AND COMPATIBILITY OF SEALANTS WITH ADJACENT MATERIALS, FINISHES, AND OTHER SEALANTS.
16. (WHERE INDICATES REFERENCED SPECIFICATION SECTIONS FOR PRODUCTS AND MATERIALS SHOWN ON THE DRAWINGS AND SPECIFIED IN THE PROJECT MANUAL.

1. LIGHTLY SAND AND RESTAIN ALL OUTSIDE CORNERS OF WOOD BASE WHERE NICKS OCCUR.
2. REMOVE MISC. PROTRUDING NAILS IN WOOD BASE AND EPOXY PATCH REPAIR HOLES.
3. AT ALL WINDOW FRAMES AT MEZZANINE LEVEL, EPOXY FILL HOLES LEFT BY PREVIOUS WINDOW TREATMENTS; APPROX. (16) 1/8" @ EACH OF THE (5) WINDOWS.
4. CLEAN ALL EXISTING STAINED WOODWORK, INCLUDING BUT NOT LIMITED TO RUNNING TRIM, PANELING, DOORS, WINDOWS, AND CORRESPONDING CASINGS/FRAMES. RESTAIN IN SITU ONLY AT REPAIRED AREAS.

	NEW CONSTRUCTION
	EXISTING CONSTRUCTION
ROOM NAME 	ROOM NAME AND NUMBER
	CENTER LINE
	MATCH LINE
	DOOR INDICATION TAG
	PARTITION TYPE
	WINDOW TYPES
	PLAN KEYNOTES
	SPOT ELEVATION
	DRAWING REVISION
	NEW GRID IDENTIFIER
	EXISTING GRID IDENTIFIER

1 FLOOR PLAN - LEVEL 2
A111 1/8" = 1'-0"



SECURE WOOD DOOR
CORNICES AND TRIM. (06 0300)

1
A121 TYPICAL WOOD DOOR TRIM REPAIR (06 0300)
N.T.S.



SECURE WOOD DOOR
CORNICES AND TRIM. (06 0300)

5
A121 TYPICAL WOOD DOOR TRIM REPAIR @ JAMB (06 0300)
12" = 1'-0"



9
A121 TYPICAL GL1 - GLASS FLOOR REPLACEMENT (08 8000) ADD ALT #3
12" = 1'-0"



(P3) LARGE CRACK REPAIR (09
0320)

2
A121 TYPICAL P3 - LARGE CRACK REPAIR (09 0320)
12" = 1'-0"

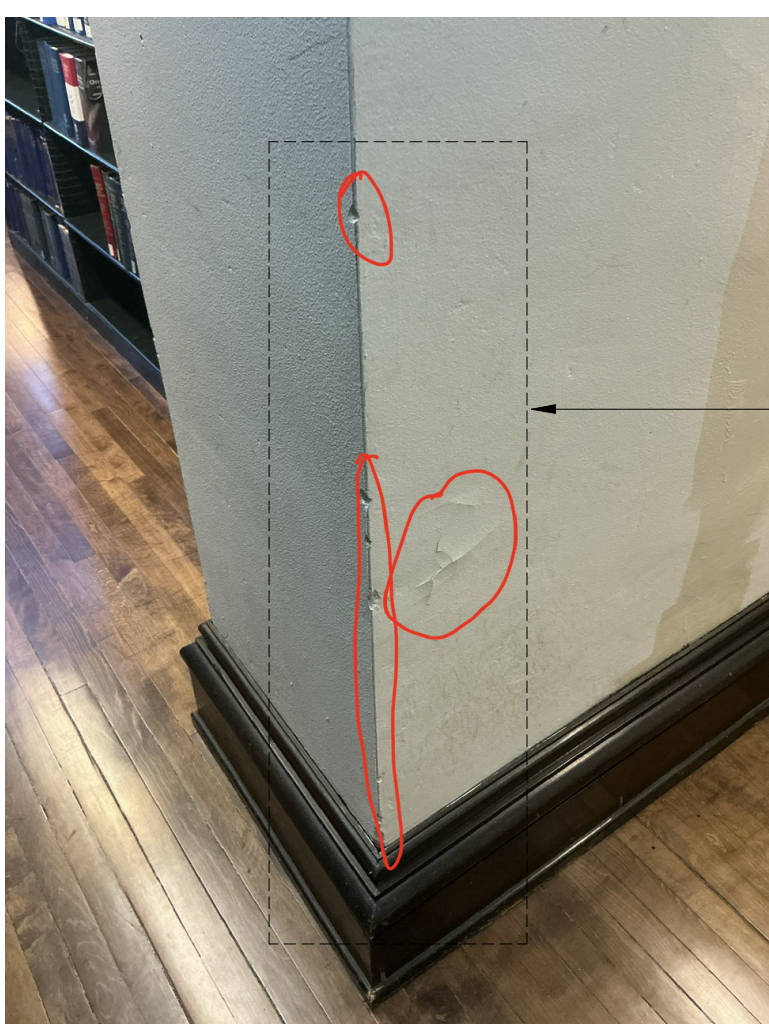


FLAT PLASTER PATCH-TYPE
REPAIR AT CAST ORNAMENTAL
PLASTER (09 0320)

6
A121 TYPICAL P2 - ORNAMENTAL PLASTER PATCH-TYPE REPAIR (09 0320)
12" = 1'-0"



10
A121 TYPICAL GL1 - GLASS FLOORING REPLACEMENT (08 8000) ADD ALT #3
12" = 1'-0"



FLAT PLASTER PATCH-TYPE
REPAIR AT OUTSIDE
WALL/COLUMN CORNER (09
0320)

3
A121 TYPICAL P2 - FLAT PLASTER PATCH-TYPE REPAIR (09 0320)
12" = 1'-0"



(W2) EPOXY PATCH REPAIR
CRACKED, SPLIT, OR CHIPPED
(MISSING) AREAS OF WOOD
BASE OR PANEL. REATTACH. (06
0300)

7
A121 TYPICAL W2 - WOOD PATCH REPAIR (06 0300)
12" = 1'-0"



CLEAN, PREPARE AND FAUX
PAINT LAYLIGHT FRAMES (09
9123).

REMOVE EXISTING LAYLIGHT
INFILL PANEL, PREP TO RECEIVE
NEW GLASS PANE (02 4100)



REMOVE EXISTING LAYLIGHT
INFILL PANEL, PREP TO RECEIVE
NEW GLASS PANE (02 4100)

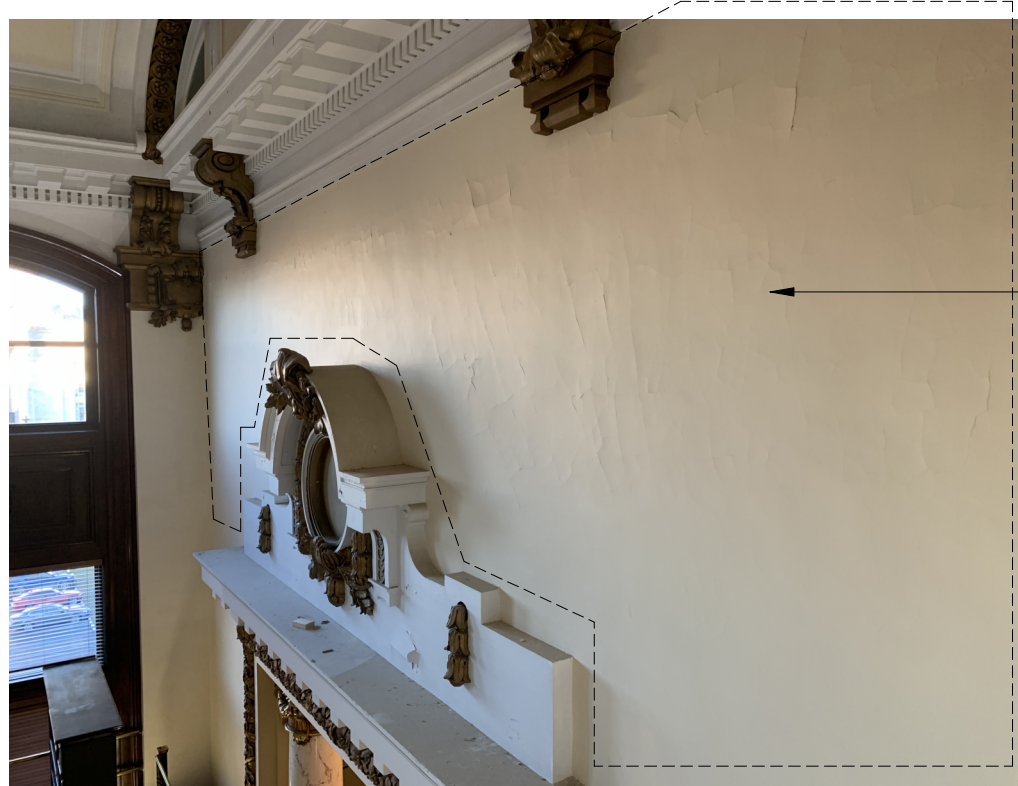
11
A121 LAYLIGHT RESTORATION
12" = 1'-0"



FLAT PLASTER PATCH-TYPE
REPAIR AT OUTSIDE
WALL/COLUMN CORNER (09
0320)

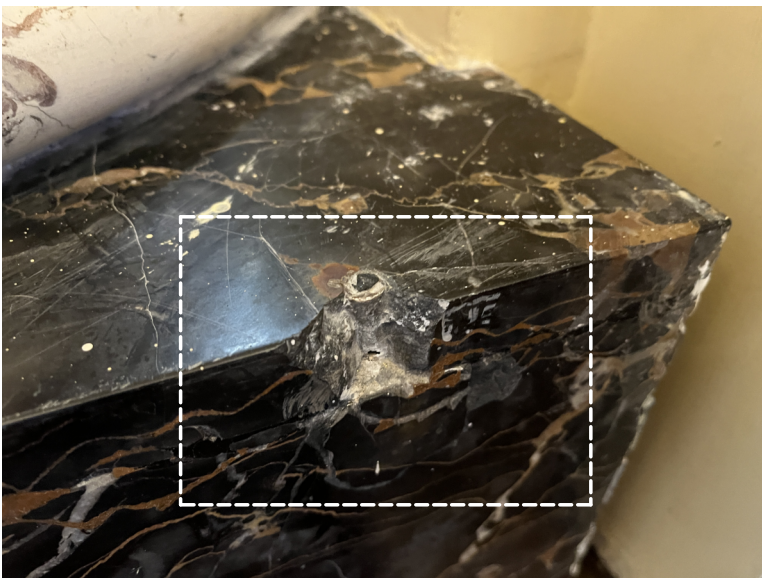
(W2) EPOXY PATCH REPAIR
CRACKED, SPLIT, OR CHIPPED
(MISSING) AREAS OF WOOD
BASE OR PANEL. REATTACH. (06
0300)

4
A121 TYPICAL P2 - FLAT PLASTER PATCH-TYPE REPAIR (09 0320) AND W2 - WOOD PATCH
REPAIR (06 0300)
12" = 1'-0"



(P1) FLAT PLASTER FINISH COAT
REMOVAL AND REPLACEMENT,
TYP. (09 0320)

8
A121 TYPICAL P1 - FLAT PLASTER FINISH COAT REMOVAL AND REPLACEMENT
12" = 1'-0"



12
A121 MARBLE BASE REPAIR - ADD ALT #4
12" = 1'-0"

NOTE: THIS SHEET PORTRAYS PHOTO TYPICALS OF REPAIR/RESTORATION TYPES, AND IS NOT
INTENDED TO ILLUSTRATE THE COMPLETE EXTENT OF WORK. SEE PLANS, REFLECTED CEILING
PLANS AND ELEVATIONS FOR SPECIFICS OF REPAIR/RESTORATION AREAS.

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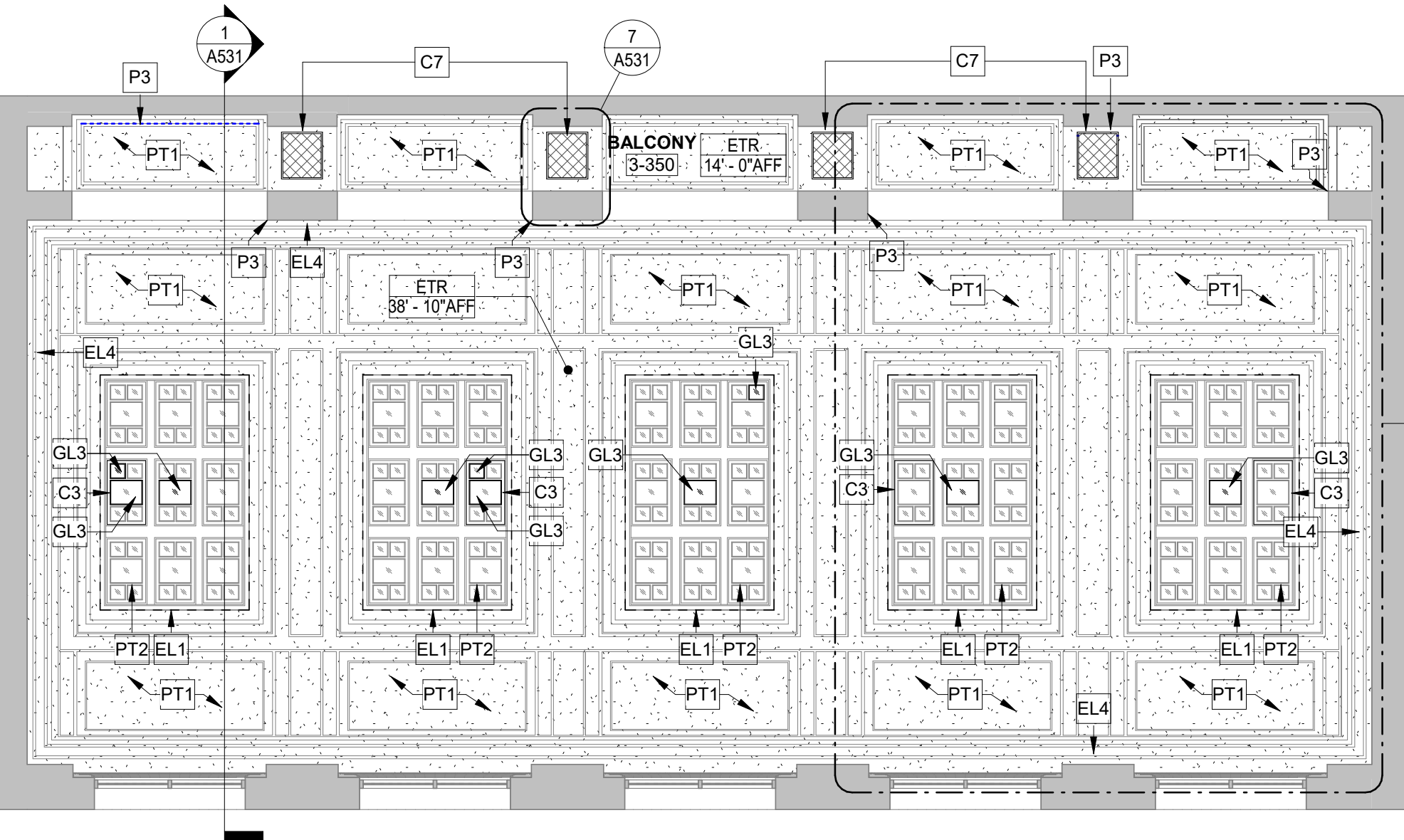
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TYPICAL
CONDITIONS

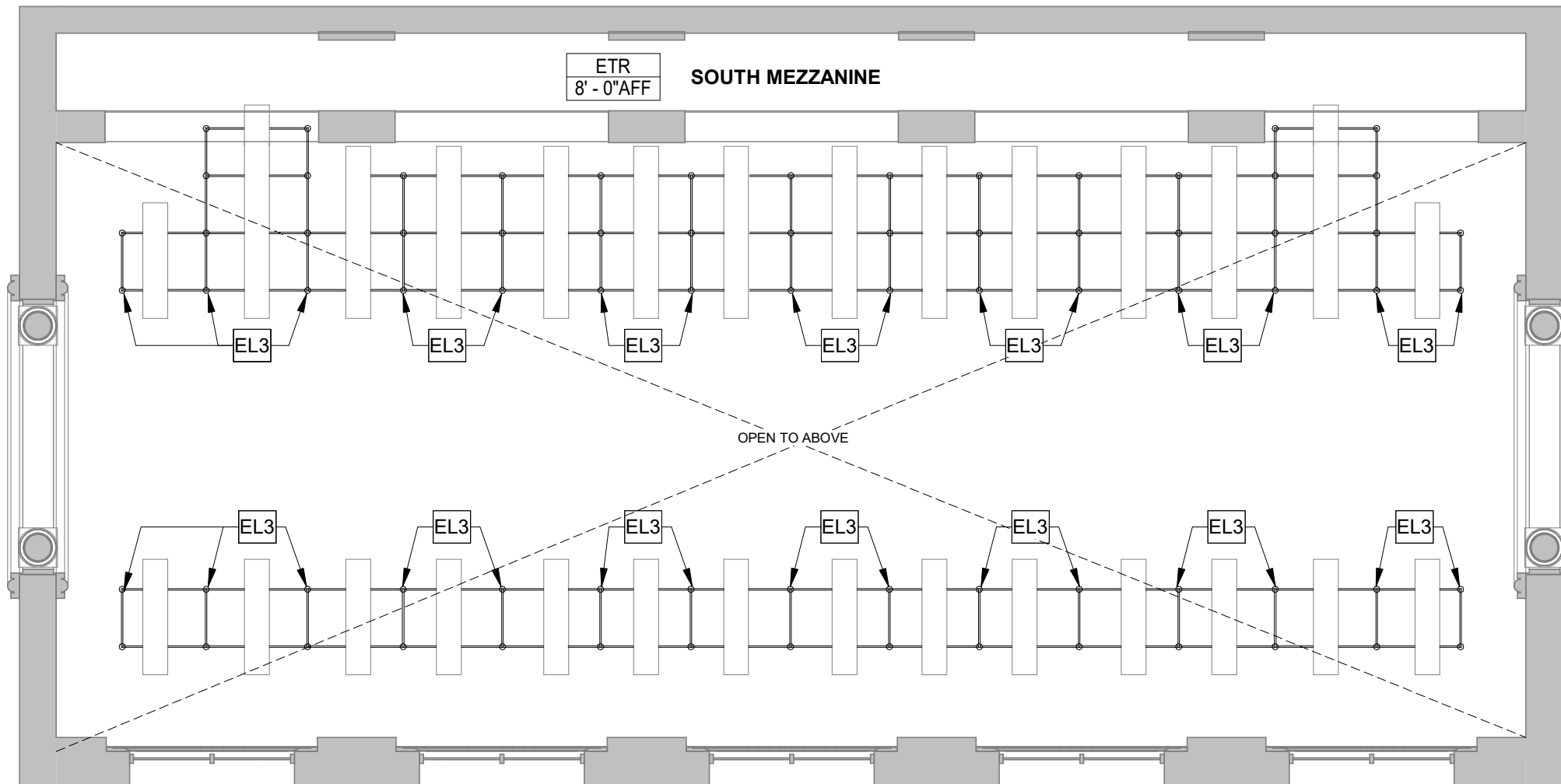
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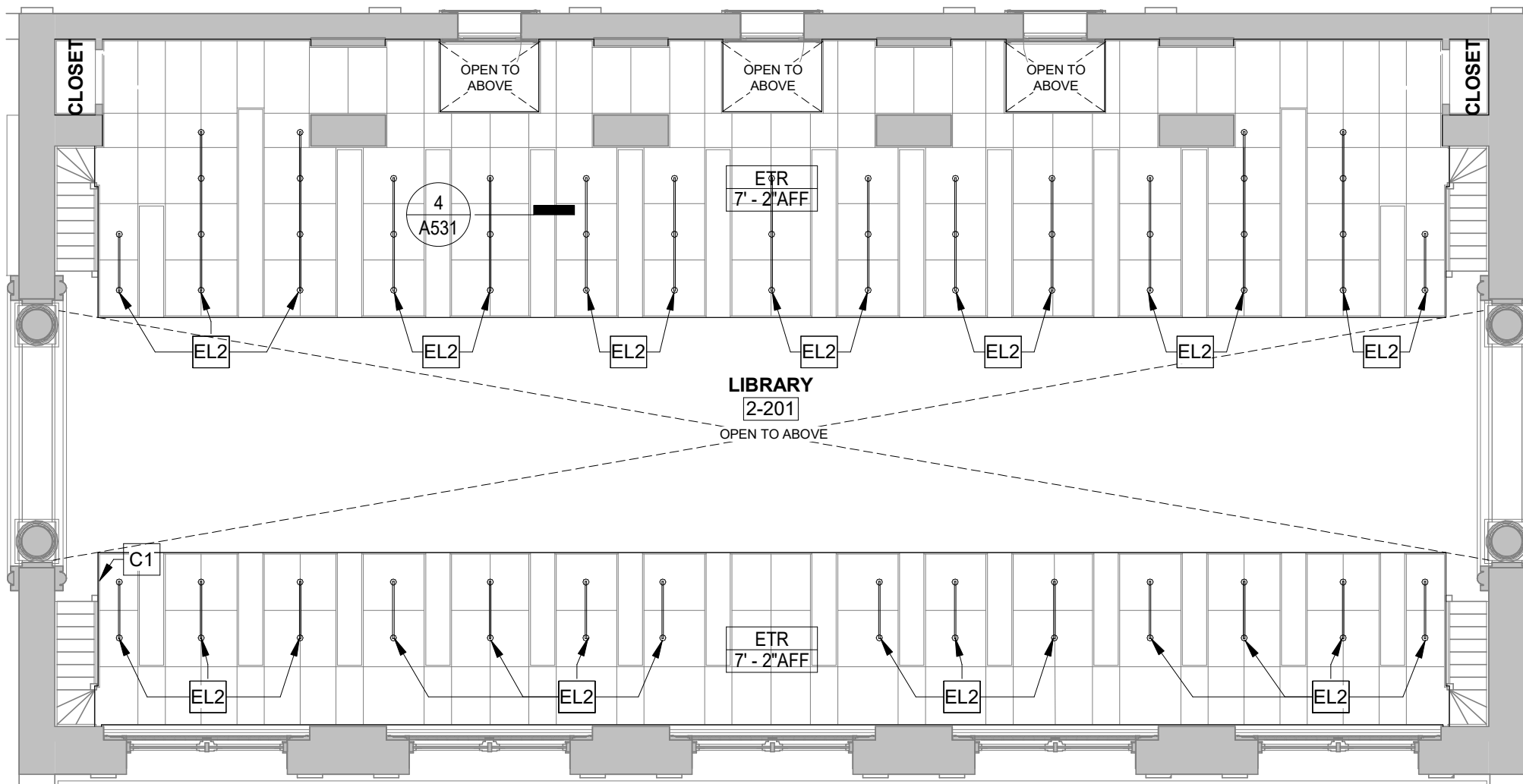
7 OF 25 SHEETS
JULY 29, 2026



3 REFLECTED CEILING PLAN - LEVEL 3
1/8" = 1'-0"



2 REFLECTED CEILING PLAN - LEVEL 2 MEZZANINE
1/8" = 1'-0"



1 REFLECTED CEILING PLAN - LEVEL 2
1/8" = 1'-0"

GENERAL NOTES - REFLECTED CEILING PLAN

- CEILING HEIGHTS INDICATED ARE MEASURED FROM MAIN FLOOR BENCHMARK ELEVATION OF 100'-0".
- WHERE RECESSED LIGHT FIXTURES ARE INDICATED TO BE INSTALLED IN ACOUSTICAL TILE CEILINGS, FIXTURES ARE TO BE INSTALLED AT CENTER OF TILE UNLESS NOTED OTHERWISE.
- SPRINKLER HEADS SHALL BE INSTALLED AT CENTER OF ACOUSTICAL TILE WHEN REQUIRED IN AREAS WITH ACOUSTICAL TILE CEILINGS. EXACT LOCATIONS AT ALL OTHER VISUALLY PROMINENT LOCATIONS SHALL BE COORDINATED WITH ARCHITECT.
- REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES AND SPECIFICATIONS.
- COORDINATE FINAL MOUNTING LOCATION OF EXIT SIGNS, HORN STROBES, AND OTHER CEILING MOUNTED FIRE EXIT DEVICES WITH ARCHITECT PRIOR TO INSTALL.
- REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS, THERMO-STATS, AND OTHER MECHANICAL RELATED EQUIPMENT AND DEVICES.

REFLECTED CEILING PLAN SYMBOLS

	GYPSUM BOARD CEILING
	PLASTER CEILING
	REFLECTED CEILING PLAN KEYNOTE
	ROOM NAME
	ROOM NUMBER
	CEILING MATERIAL AND FINISH TYPE
	CEILING HEIGHT

LEGEND - KEYNOTES

Key Value	Keynote Text
C1	REMOVE ABANDONED CONDUIT HANGER
C3	REINSTALL MISSING LAYLIGHT SASH FROM ATTIC STOCK
C7	PAINTED DECORATIVE PERFORATED METAL RETURN AIR GRILLE, BASIS-OF-DESIGN: MCNICHOLS CO., DESIGNER SERIES, MAJESTIC 2040, RE: MECHANICAL
EL1	INSTALL LIGHT FIXTURES ABOVE THE LAYLIGHTS, TYP. REF. ELECT. LIGHTING FIXTURES ARE OWNER FURNISHED, CONTRACTOR INSTALLED.
EL2	PIPE MOUNTED EXPOSED LAMP LUMINAIRES, PIPE/CONDUIT PAINTED TO MATCH STEEL FLOOR STRUCTURE AND CONNECTED W/ A CAST METAL HANGER, TYP. REF. ELECT.
EL3	(ADD ALTERNATE #2) PIPE MOUNTED EXPOSED LAMP LUMINAIRES AT MEZZANINE UPPER STACKS, PIPE/CONDUIT PAINTED TO MATCH STEEL FLOOR STRUCTURE AND CONNECTED W/ A CAST METAL HANGER, TYP. REF. ELECT.
EL4	INSTALL LED LIGHTING WITHIN EXISTING COVE, TYP. REF. ELECT. LIGHTING FIXTURES ARE OWNER FURNISHED, CONTRACTOR INSTALLED.
GL3	INSTALL GLUE CHIP GLASS TO REPLACE BROKEN OR MISSING PANE OF GLASS. REPLACEMENT GLASS IS OWNER FURNISHED, CONTRACTOR INSTALLED. (08 0300)
P3	(P3) LARGE CRACK REPAIR (09 0320)
PT1	REMOVE DELAMINATED AND PEELING PAINT FROM THE CEILING AND PLASTER CORNICE. CLEAN, PREPARE AND PAINT, TYPICAL. (09 9123)
PT2	CLEAN, PREPARE AND FAUX PAINT LAYLIGHT FRAMES (09 9123).

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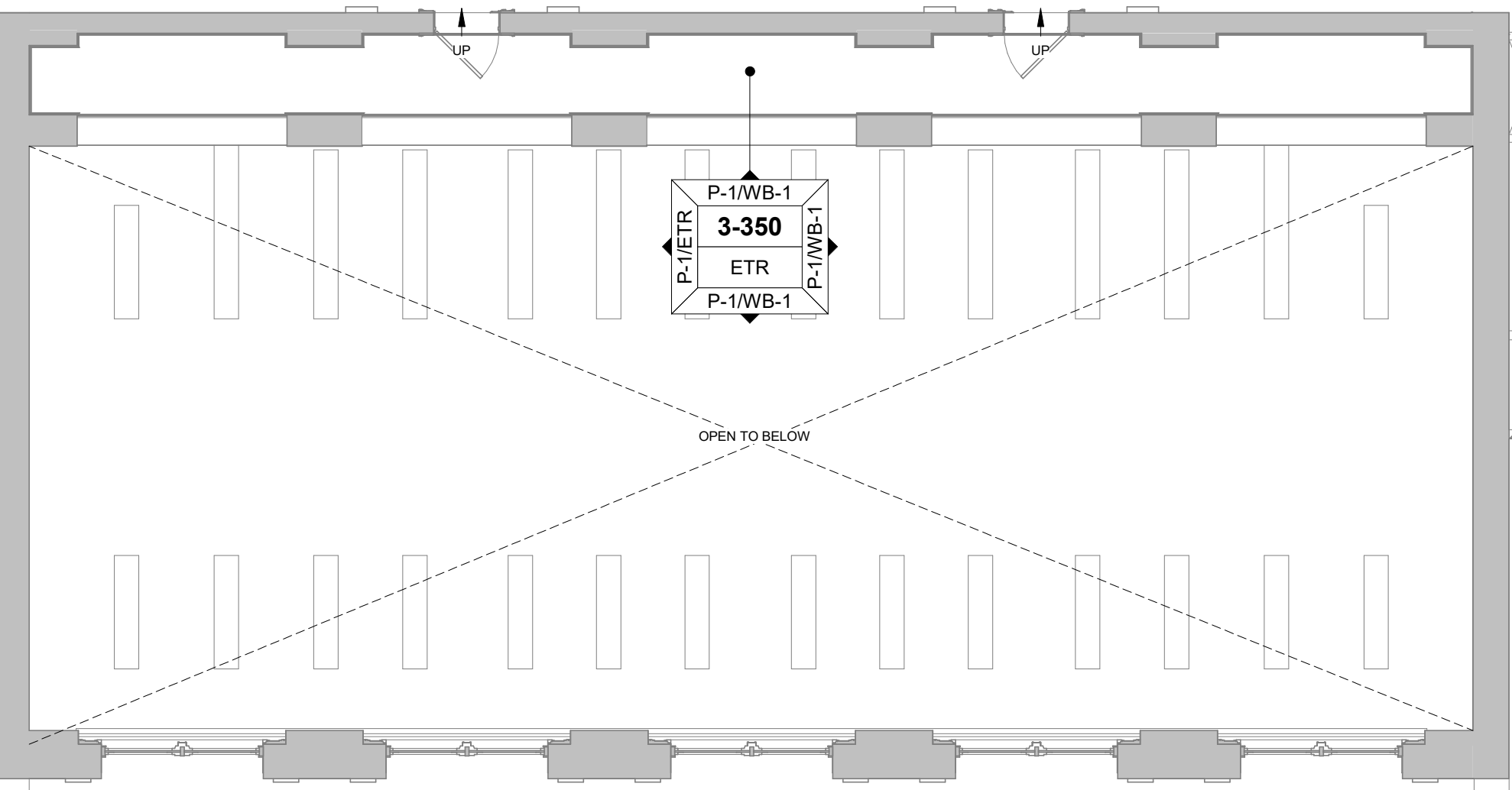
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CEILING PLANS

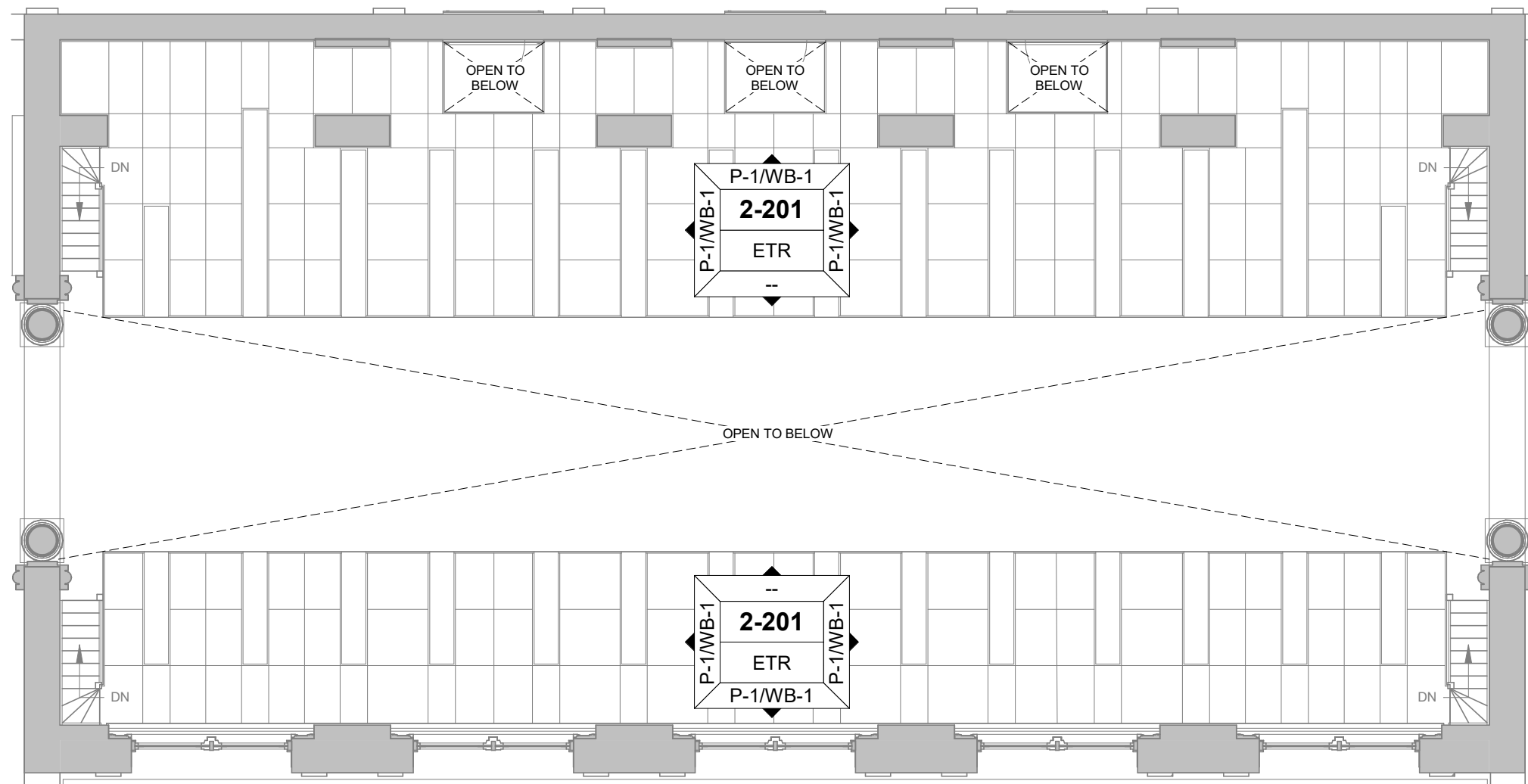
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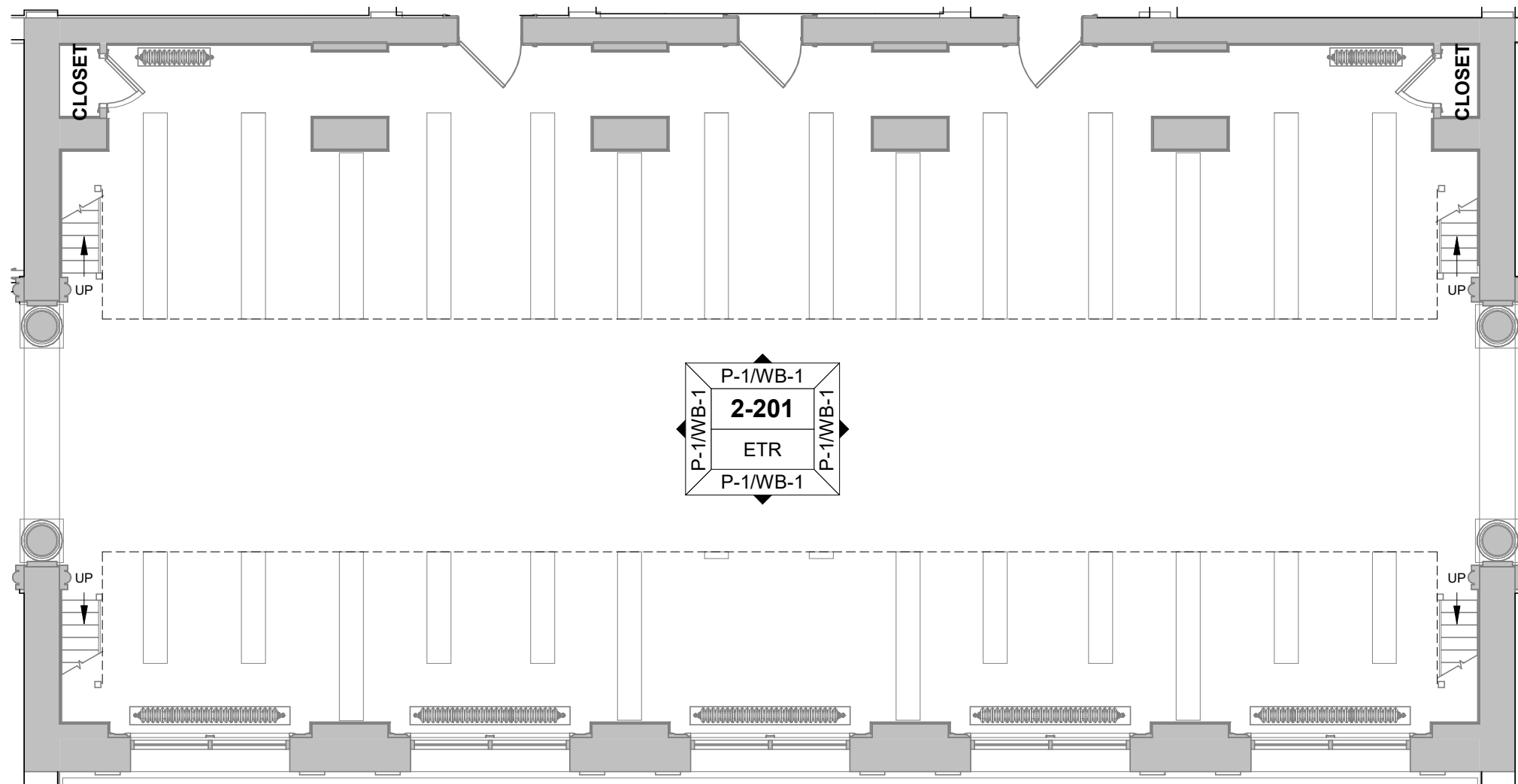
8 OF 25 SHEETS
JULY 29, 2026



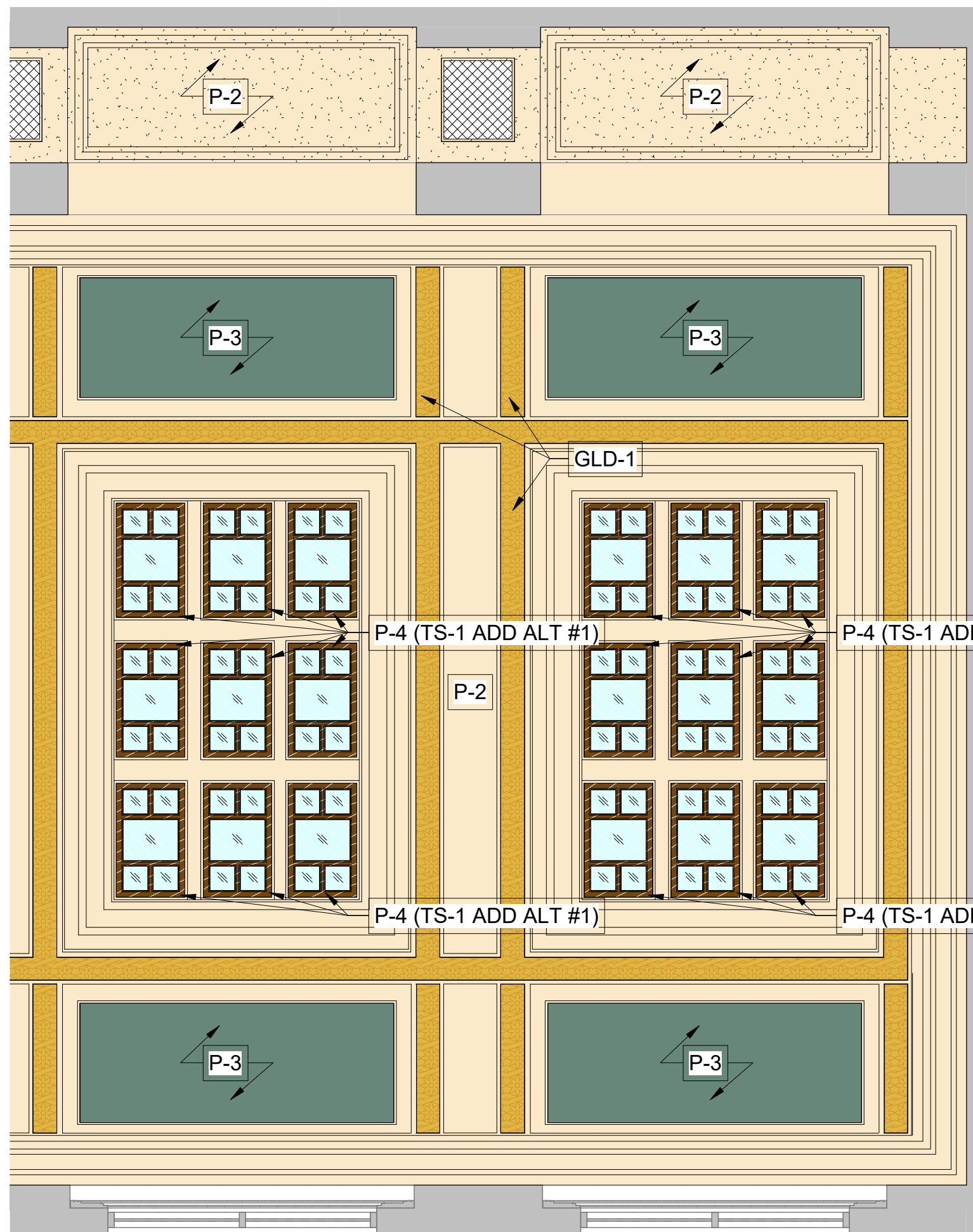
3 FINISH PLAN - LEVEL 3
A151 1/8" = 1'-0"



2 FINISH PLAN - LEVEL 2 - MEZZANINE
A151 1/8" = 1'-0"



1 FINISH PLAN - LEVEL 2
A151 1/8" = 1'-0"



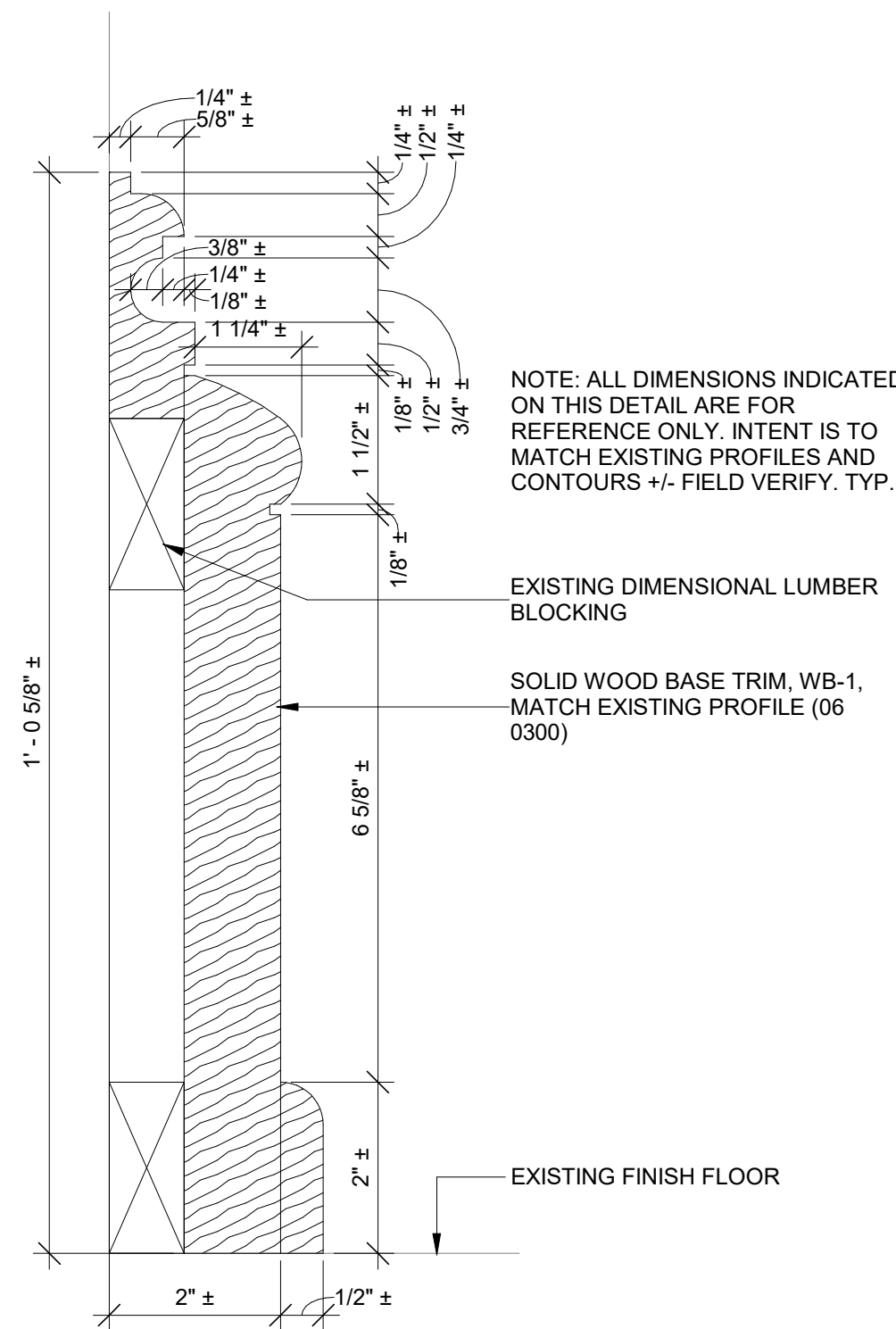
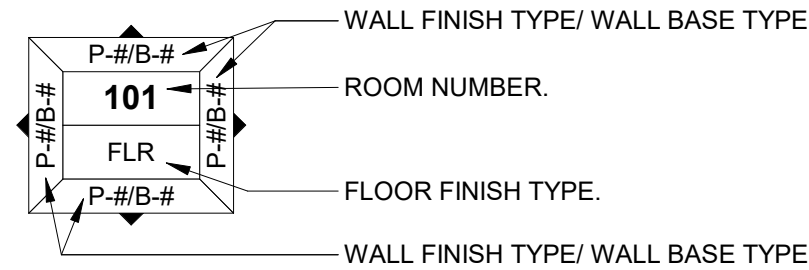
4 ENLARGED REFLECTED CEILING FINISH PLAN
A151 1/4" = 1'-0"

ROOM FINISH AND MATERIALS LEGEND		
ETR	EXISTING TO REMAIN - ETR	
	EXISTING FINISH TO REMAIN IN PLACE.	
WB-1	WOOD BASE TYPE - 1	06 0300, 09 9300
	EXISTING, CLEANED BASE (06 0300). RESTORE AND REFINISH W/TS-1 WHERE INDICATED ON DRAWINGS (06 0300, 09 9300)	
WD-1	WOOD TYPE - 1	06 0300, 09 9300
	EXISTING, CLEANED WOOD MOLDINGS, CASINGS, TRIM AND STILE & RAIL PANELING (06 0300). RESTORE AND REFINISH W/TS-1 WHERE INDICATED ON DRAWINGS (06 0300, 09 9300)	
P-1	PAINT COLOR TYPE - 1	09 9123
	WALL PAINT - GREEN SHERWIN WILLIAMS - CUSTOM MATCH REFERENCE PAINT FINISHES INVESTIGATION REPORT	
P-2	PAINT COLOR TYPE - 2	09 9123
	CEILING PAINT - YELLOW SHERWIN WILLIAMS - CUSTOM MATCH REFERENCE PAINT FINISHES INVESTIGATION REPORT	
P-3	PAINT COLOR TYPE - 3	09 9123
	PANEL PAINT - DARK GREEN SHERWIN WILLIAMS - CUSTOM MATCH REFERENCE PAINT FINISHES INVESTIGATION REPORT	
P-4	PAINT COLOR TYPE - 4	09 9123
	LAYLIGHT PAINT - DARK BROWN TO MATCH EXISTING STAIN COLOR SHERWIN WILLIAMS - CUSTOM MATCH	
TS-1	TRANSPARENT STAIN TYPE - 1	09 9300
	SHERWIN WILLIAMS, CUSTOM MANUAL MATCH	
GLD-1	GILDING COLOR TYPE - 1	-- ---
	GILDING - CUSTOM MATCH REFERENCE PAINT FINISHES INVESTIGATION REPORT	

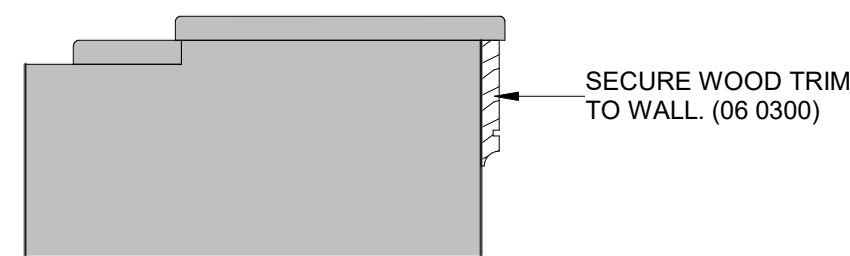
GENERAL NOTES - FINISH PLAN

- UNLESS OTHERWISE NOTED: ALL WALL INTERIOR PAINT FINISHES SHALL BE A "CLEANABLE/ SCRUBBABLE" EGGSHELL OR MATTE PAINT.
- UNLESS OTHERWISE NOTED: PAINT ALL GRILLES, REGISTERS, AND DIFFUSERS TO MATCH ADJACENT SURFACE.
- REFER TO INTERIOR ELEVATION DRAWINGS FOR WALLS WITH MULTIPLE FINISHES.
- REFER TO THE ENLARGED REFLECTED CEILING PLAN ON THIS SHEET FOR MULTIPLE FINISH COLOR LOCATIONS
- REFER TO THE PAINT FINISHES INVESTIGATION REPORT IN THE APPENDICES OF THE SPECIFICATIONS FOR CUSTOM COLOR AND SHEEN FOR ALL PLASTER WALL AND CEILING FINISHES.

LEGEND - FINISH PLAN



5 TYPICAL WOOD BASE DETAIL
A151 6" = 1'-0"



6 LEVEL 3 BALCONY TRIM DETAIL
A151 1 1/2" = 1'-0"

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CHECKED BY: JG
DESIGNED BY: SFS Architecture

SHEET TITLE:
FINISH PLANS

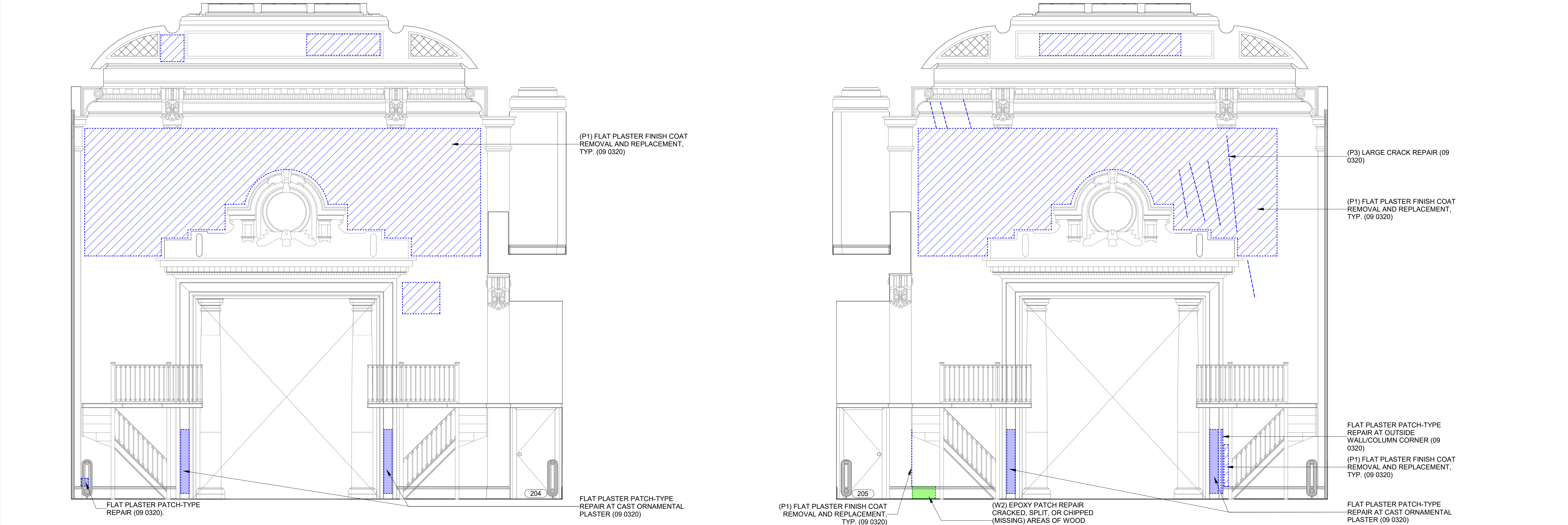
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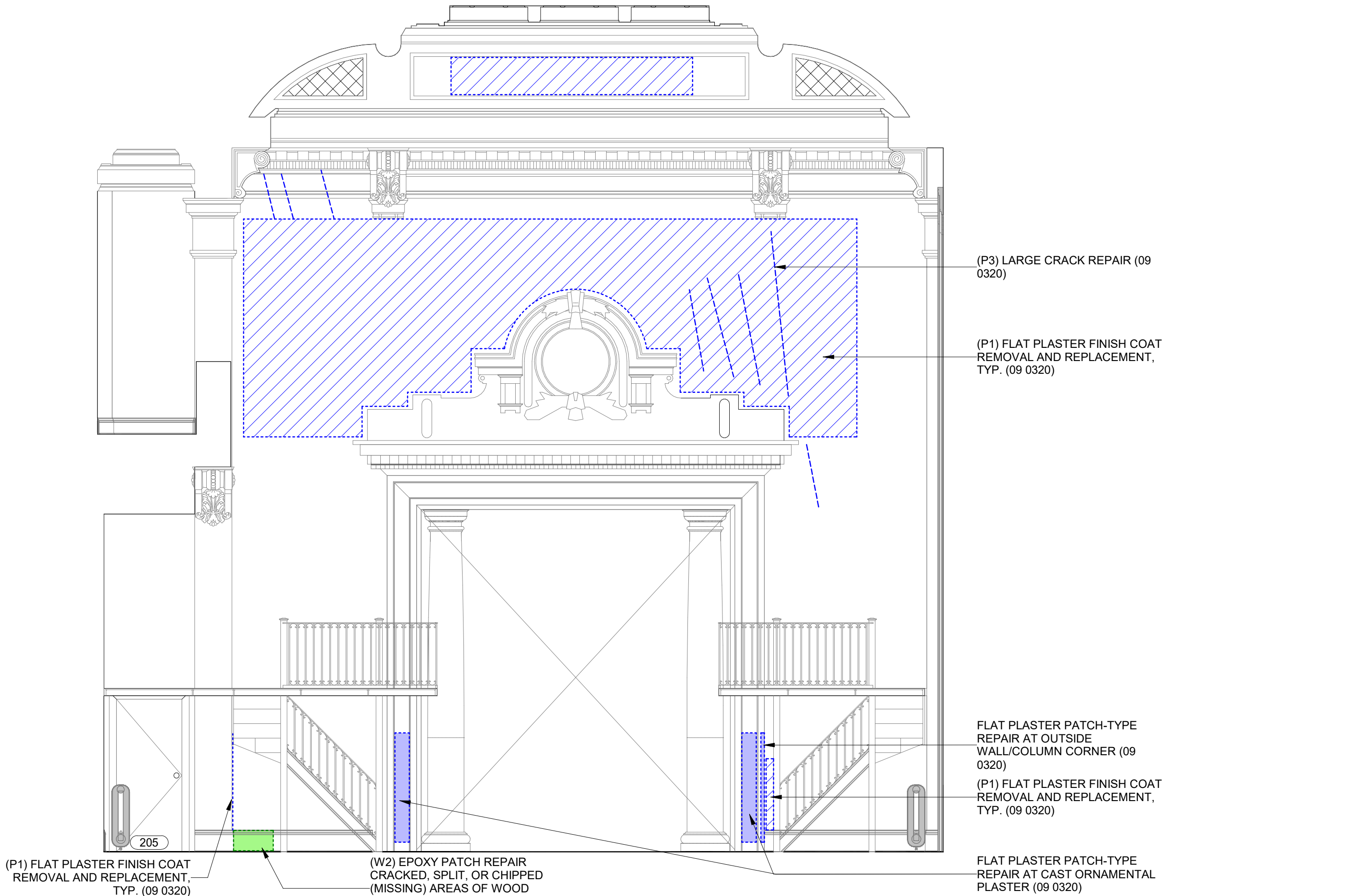
9 OF 25 SHEETS
JULY 29, 2026



1 INTERIOR ELEVATION - LIBRARY - NORTH
A211 1/4" = 1'-0"



2 INTERIOR ELEVATION - LIBRARY - EAST
A211 1/4" = 1'-0"



3 INTERIOR ELEVATION - LIBRARY - WEST
A211 1/4" = 1'-0"

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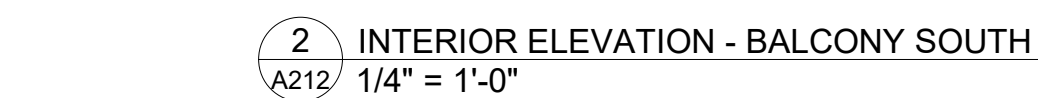
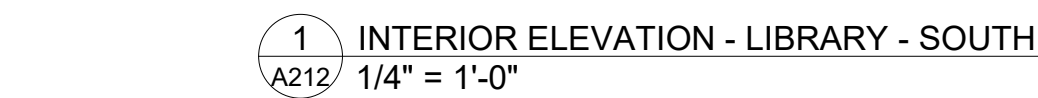
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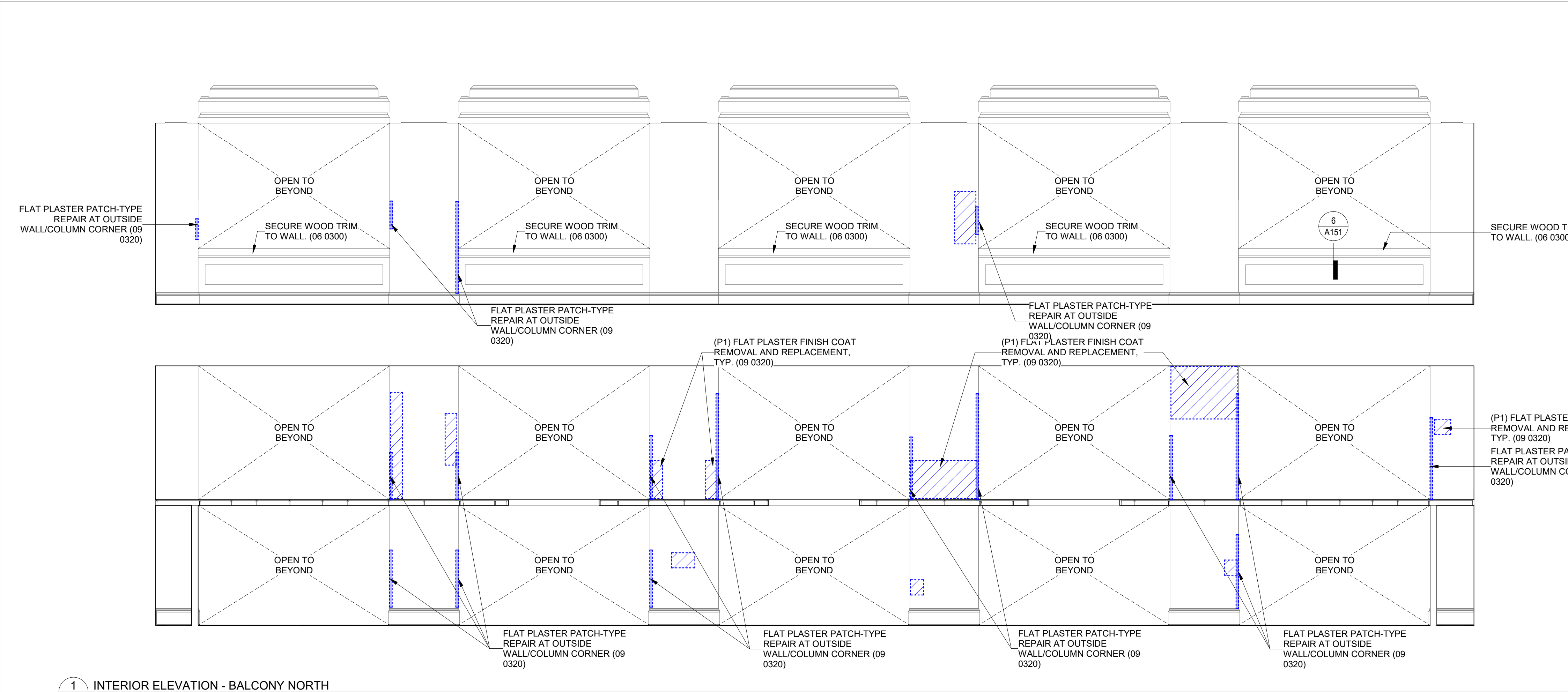
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SHEET TITLE:
INTERIOR
ELEVATIONS

SHEET NUMBER:
A211
10 OF 25 SHEETS
JULY 29, 2026

 P1 FLAT PLASTER FINISH COAT REMOVAL AND REPLACEMENT (09 0320)
 P2 FLAT PLASTER PATCH-TYPE REPAIR (09 0320)
 P3 LARGE CRACK REPAIR (09 0320)
 W2 WOOD REPAIR - GAP/SPLIT (06 0312)





1 INTERIOR ELEVATION - BALCONY NORTH
A213 1/4" = 1'-0"

LEGEND - LINE TYPES

- P1 FLAT PLASTER FINISH COAT REMOVAL AND REPLACEMENT (09 0320)
- P2 FLAT PLASTER PATCH-TYPE REPAIR (09 0320)
- P3 LARGE CRACK REPAIR (09 0320)
- W2 WOOD REPAIR - GAP/SPLIT (06 0312)

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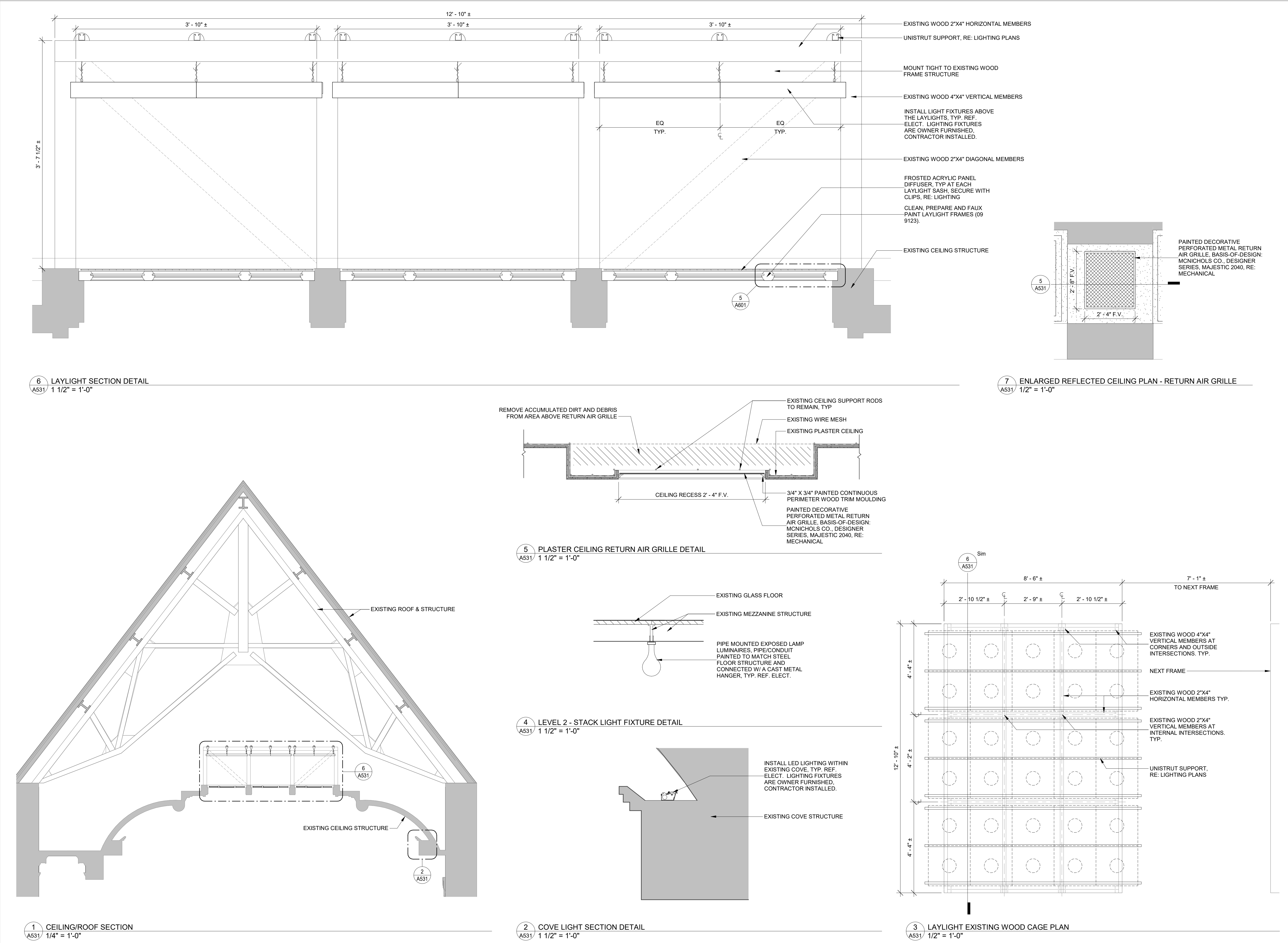
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INTERIOR
ELEVATIONS

SHEET NUMBER:

A213

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REVISION:
DATE:
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SHEET TITLE:
CEILING DETAILS

SHEET NUMBER:
A531
13 OF 25 SHEETS
JULY 29, 2026

14 OF 25 SHEETS
JULY 29, 2026

MECHANICAL GENERAL NOTES:

- THESE GENERAL NOTES APPLY TO ALL MECHANICAL DRAWINGS. REFER TO DIVISION 23 SPECIFICATIONS FOR ADDITIONAL MECHANICAL SYSTEMS SPECIFICATIONS AND REQUIREMENTS.
- THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF DUCTWORK, PIPING AND EQUIPMENT. DO NOT SCALE DRAWINGS. THE EXACT LOCATION AND ROUTING OF EQUIPMENT DUCTWORK, PIPING, ETC., UNLESS SPECIFICALLY DIMENSIONED ON THE DRAWINGS, SHALL BE DETERMINED IN THE FIELD. MAKE REASONABLE MODIFICATIONS IN THE INSTALLATION SO ALL DUCTWORK FITS PROPERLY AND EQUIPMENT CAN BE SERVICED.
- MATERIALS AND EQUIPMENT SHALL BE NEW AND INSTALLED AS INDICATED ON THE DRAWINGS AND/OR SPECIFICATIONS. THEY SHALL BE INSTALLED PLUMB, LEVEL AND TRUE-TO-LINE WITH ADJACENT WORK WHERE INSTALLATION METHODS ARE NOT SPECIFICALLY COVERED BY THE DRAWINGS AND/OR SPECIFICATION, FIRST CLASS TRADE PRACTICES AND MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS SHALL GOVERN.
- CAREFULLY EXAMINE ALL ARCHITECTURAL, STRUCTURAL, PLUMBING, HVAC, FIRE PROTECTION, AND ELECTRICAL DRAWINGS PERTAINING TO CONSTRUCTION. COOPERATE WITH OTHER TRADES IN LOCATING DUCTWORK, PIPING, EQUIPMENT, ETC. IN ORDER TO AVOID CONFLICT WITH OTHER TRADE'S WORK. NO CLAIM FOR COSTS WILL BE ALLOWED FOR RELOCATING EQUIPMENT, PIPING, DUCTWORK, ETC. WHICH INTERFERES WITH OTHER TRADE'S WORK.
- HVAC EQUIPMENT, DUCTS AND INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION, BUILDING DEPARTMENTS, APPLICABLE TO THE LATEST EDITION OF THE APPROVED BUILDING CODES, APPLICABLE OSHA AND NFPA STANDARDS, COUNTY AND CITY BUILDING REGULATIONS AND CODES.
- FABRICATION AND INSTALLATION OF DUCTWORK SHALL BE IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS, STATE MECHANICAL CODE AND APPLICABLE NFPA STANDARDS.
- ALL DUCT SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS.
- PROVIDE AIR TURNING VANES IN ALL SQUARE ELBOWS.
- REFER TO TYPICAL DETAILS FOR PIPING AND INSTALLATION OF EQUIPMENT.
- PERSONNEL SHALL BE THOROUGHLY TRAINED AND EXPERIENCED IN THE PRODUCTS INVOLVED AND RECOMMENDED METHODS FOR THEIR FABRICATION AND INSTALLATION SHALL BE MADE FOR LACK OF SKILL ON THE PART OF THE WORKMAN IN THE ACCEPTANCE AND/OR REJECTION OF COMPLETED WORK.
- MECHANICAL CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, TOOLS, AND EQUIPMENT TO INSTALL ALL HVAC SYSTEMS AS INDICATED ON THESE DRAWINGS.
- MECHANICAL CONTRACTOR SHALL ARRANGE AND PAY FOR MECHANICAL PERMITS AND INSPECTIONS AS REQUIRED BY LOCAL ORDINANCES.
- DELIVER MATERIALS TO PROJECT IN GOOD CONDITION. STORE MATERIALS OFF OF GROUND AND PROTECT FROM WEATHER AND THE ELEMENTS.
- VERIFY DIMENSIONS IN THE FIELD. VERIFY STRUCTURAL DETAILS BEFORE INSTALLING DUCTWORK. NO EXTRA COMPENSATION WILL BE CONSIDERED BECAUSE OF DIFFERENCE BETWEEN ACTUAL MEASURED DIMENSIONS AND THOSE INDICATED ON THE DRAWINGS.
- ALL PENETRATIONS THROUGH WALLS SHALL BE PROVIDED WITH PROPERLY SIZED SLEEVES. SEAL ALL PIPE SLEEVES WITH APPROPRIATE CAULKING. ALL PIPE PENETRATIONS THROUGH FIRE RATED WALLS AND/OR FLOORS SHALL BE INSTALLED IN ACCORDANCE WITH APPROPRIATE 3M FIRESTOP SYSTEM (OR APPROVED EQUAL). ALL PIPING SLEEVES SHALL BE SCHEDULE 40, CARBON STEEL, ASTM A53, GRADE B.
- ANY CUTTING OR PATCHING OF NEW OR EXISTING SURFACES THAT IS REQUIRED SHALL BE BY THIS CONTRACTOR AND SHALL BE REPLACED WITH MATERIAL OF THE SAME QUALITY AND THICKNESS AS THE EXISTING SURFACE. ANY DAMAGES TO EXISTING MATERIALS SHALL BE REPAIRED OR REPLACED TO MATCH EXISTING.
- ALL DUCTWORK SHALL BE IDENTIFIED AFTER INSULATION WITH PLASTIC DUCT SIGNAGE/MARKERS. THESE MARKERS SHALL BE THE MANUFACTURER'S STANDARD LAMINATED PLASTIC IN THE FOLLOWING COLOR CODES INDICATING BACKGROUND COLOR THEN LETTER COLOR: A. BLUE / WHITE: SUPPLY AIR B. RED / WHITE: RETURN AIR C. GREEN / WHITE: OUTSIDE AIR / INTAKE AIR D. YELLOW / BLACK: RELIEF AIR / EXHAUST AIR.
- ENGAGE AN INDEPENDENT TESTING, ADJUSTING AND BALANCING (TAB) AGENT CERTIFIED BY EITHER AABC OR NEBB FOR ALL TESTING, ADJUSTING AND BALANCING. SEE THE TAB SPECIFICATION FOR MORE INFORMATION.
- THERMOSTATS SHALL BE LOCATED AS PER PLANS 48 INCHES ABOVE FINISHED FLOOR.
- MECHANICAL CONTRACTOR SHALL HAVE THE FINAL START-UP OR ALL HVAC EQUIPMENT SUPERVISED AND MONITORED BY A FACTORY AUTHORIZED TECHNICIAN.
- PROVIDE FIRE RATED FINISHES OR FIRE-WRAP FOR ANY COMBUSTIBLE OR NON-PLENUM RATED MATERIALS IN RETURN AIR PLENUMS FOR NEW WORK OR EXISTING WORK TO REMAIN.

VOLTAGE DROP

ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR UPSIZING ALL BRANCH CIRCUIT AND FEEDER CONDUCTORS AS REQUIRED TO COMPLY WITH VOLTAGE DROP REQUIREMENTS AS OUTLINED IN THE NEC.

UPSIZE WIRE ON 120V CIRCUIT HOMERUNS AS LISTED BELOW UNLESS OTHERWISE SHOWN ON PLANS:

- LESS THAN 100 FEET IN CONDUCTOR LENGTH:
#12 PHASE/NEUTRAL CONDUCTORS & #12 GROUND
- 100 TO 150 FEET IN CONDUCTOR LENGTH:
#10 PHASE/NEUTRAL CONDUCTORS & #10 GROUND
- GREATER THAN 150 FEET IN CONDUCTOR LENGTH:
#8 PHASE/NEUTRAL CONDUCTORS & #8 GROUND

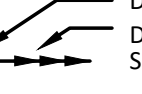
ELECTRICAL GENERAL NOTES:

- THESE GENERAL NOTES APPLY TO ALL ELECTRICAL AND SPECIAL SYSTEMS DRAWINGS. REFER TO DIVISION 26 SPECIFICATIONS FOR ADDITIONAL ELECTRICAL AND SPECIAL SYSTEMS SPECIFICATIONS AND REQUIREMENTS.
- PROVIDE PULL BOXES AS REQUIRED TO PROPERLY INSTALL THE RACEWAYS AND CIRCUITS INDICATED.
- REFER TO ARCHITECTURAL DRAWINGS FOR TYPICAL ROOM INTERIOR ELEVATIONS. COORDINATE EXACT DIMENSIONS AND MOUNTING HEIGHTS OF ALL LIGHT FIXTURES, LIGHTING DEVICES, SWITCHES, RECEPTACLES, ETC. WITH ARCHITECT PRIOR TO ROUGH-IN.
- COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED VERSION OF THE NATIONAL ELECTRICAL CODE, STATE AND LOCAL CODES, AND REQUIREMENTS OF THE AHJ.
- ALL EMPTY CONDUITS SHALL BE PROVIDED WITH ROT-PROOF PULL-TAPE, LABELED AT EACH END. ALL CONDUITS SHALL BE PROVIDED WITH PLASTIC BUSHINGS WHERE TERMINATED OPEN-ENDED.
- COORDINATE ALL WIRING DEVICE LOCATIONS SHOWN AT MILLWORK LOCATIONS WITH THE MILLWORK CONTRACTOR AND GENERAL CONTRACTOR PRIOR TO ANY ROUGH-IN OR INSTALLATION. ALL WIRING DEVICES SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS AND SHALL NOT BE CONCEALED.
- CONTRACTOR SHALL CONCEAL ALL CONDUIT, FITTINGS, AND DEVICES FROM VIEW WHERE POSSIBLE.
- SEAL ALL PENETRATIONS THROUGH FIRE-RATED ASSEMBLIES AS NECESSARY TO RESTORE FIRE-RESISTANCE RATING OF ASSEMBLY. REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS OR RATED ASSEMBLIES, FIRE STOPPING MATERIALS, AND REQUIREMENTS. WHERE ANY DEVICE JUNCTION BOXES ARE LOCATED WITHIN OPPOSITE SIDES OF A FIRE RATED WALL AND ARE WITHIN 24" OF EACH OTHER MEASURED HORIZONTALLY, PROVIDE AN INTUMESCENT MOLDABLE FIRE STOP PUTTY PAD AROUND EACH JUNCTION BOX.
- EACH CONTRACTOR AND SUB-CONTRACTOR OR TRADE IS REQUIRED TO REVIEW THE CONSTRUCTION DOCUMENTS AS A WHOLE, INCLUDING ALL OTHER TRADES' DRAWINGS AND PROVIDE ANY MISC. MATERIALS, WORK, ETC. REQUIRED TO COMPLETE THE WORK AS SHOWN ON ALL DOCUMENTS. THIS REQUIREMENT APPLIES TO ALL TRADES. STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, CIVIL, EQUIPMENT VENDORS, ETC. REQUIREMENTS AND RELATED WORK ARE INDICATED THROUGHOUT THE DOCUMENTS AND SHOULD BE REVIEWED WITH THE SPECIFIC MEP, STRUCTURAL, ARCHITECTURAL, EQUIPMENT DRAWINGS FOR OVERALL SCOPE OF WORK.
- REFER TO THE MECHANICAL DRAWINGS FOR EXACT LOCATIONS AND QUANTITY OF ALL MECHANICAL EQUIPMENT AND FIRE/SMOKE AND/OR SMOKE DAMPERS. LOCATIONS AND QUANTITY SHOWN ON THE ELECTRICAL DRAWINGS ARE APPROXIMATE AND MAY NOT REFLECT FINAL POSITION OR QUANTITY.
- ELECTRICAL CONTRACTOR SHALL PROVIDE FINAL CONNECTION TO ALL MECHANICAL & PLUMBING EQUIPMENT. WHERE EQUIPMENT IS SHOWN ON THE MECHANICAL PLANS, BUT NOT SHOWN ON THE ELECTRICAL PLANS, ELECTRICAL CONTRACTOR SHALL PROVIDE POWER TO THE EQUIPMENT BASED ON EQUIPMENT REQUIREMENTS AND INCLUDE ALL COSTS IN THE BASE BID.
- LOCATION SHOWN OF ELECTRICAL CONNECTION TO MECHANICAL & PLUMBING EQUIPMENT IS SCHEMATIC AND MAY NOT REFLECT ACTUAL CONNECTION POINTS. ROUGH-IN AND CONNECTION TO EQUIPMENT SHALL BE PER THE EQUIPMENT MANUFACTURER'S REQUIREMENTS AND THE NATIONAL ELECTRICAL CODE. PROVIDE STRUCTURAL SUPPORTS AS REQUIRED FOR MOUNTING OF DISCONNECTING MEANS. VERIFY ALL ROUGH-IN REQUIREMENTS WITH THE MECHANICAL CONTRACTOR AND EQUIPMENT MANUFACTURER PRIOR TO ANY ROUGH-IN.
- PROVIDE FINAL CONNECTION TO ALL EQUIPMENT, INCLUDING ANY CORD AND PLUG SETS FOR EQUIPMENT NOT PROVIDED WITH IT (WHETHER SPECIFICALLY NOTED OR NOT). COORDINATE ALL WORK WITH THE EQUIPMENT SUPPLIER AND OWNER, AND VERIFY ALL ROUGH-IN LOCATIONS AND REQUIREMENTS PRIOR TO ANY ROUGH-IN.
- ALL HVAC CONTROL WIRING IS PROVIDED BY MECHANICAL CONTRACTOR, INSTALLED BY ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED.
- WHERE DEVICES ARE LOCATED ADJACENT TO EACH OTHER ON PLANS, DEVICES SHALL BE INSTALLED AS CLOSE TOGETHER AS POSSIBLE
- REFER TO MOUNTING HEIGHTS DETAIL FOR MOUNTING HEIGHTS OF ALL DEVICES NOT INDICATED OTHERWISE.
- COORDINATE THE MOUNTING OF SUSPENDED LIGHT FIXTURES UTILIZING INDIRECT LIGHT SO THAT CONDUIT, DUCTWORK, STRUCTURAL MEMBERS, ETC. ARE NOT LOCATED DIRECTLY ABOVE THE LIGHT FIXTURE. MAINTAIN A MINIMUM OF 24" CLEARANCE FROM THESE ITEMS WHENEVER POSSIBLE.
- ANY ELECTRICAL AND LOW VOLTAGE DEVICES THAT ARE SHOWN AS EXISTING TO REMAIN SHALL BE REPLACED WITH NEW DEVICES AND NEW FACEPLATES OF THE SAME TYPE AND COLOR AS THE NEW DEVICES TO BE INSTALLED AND RECONNECTED TO THE SAME CIRCUIT UNLESS OTHERWISE NOTED. DEVICE AND FACEPLATE TYPE AND COLOR SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO FURNISHING.
- DEVICES SHOWN TO BE DEMOLISHED SHALL HAVE THE WALL PATCHED AND REPAIRED. BLANK FACEPLATES ARE NOT ALLOWED FOR DEVICES TO BE REMOVED.

COORDINATION NOTES:

- COORDINATE WITH LOCAL UTILITY PROVIDERS FOR THEIR REQUIREMENTS FOR SERVICE CONNECTIONS AND PROVIDE ALL NECESSARY PAYMENTS, MATERIALS, LABOR AND TESTING TO ACCOMPLISH THE WORK.
- COORDINATE REQUIREMENTS FOR INSTALLATION OF SYSTEMS AND EQUIPMENT WITH ALL OTHER TRADES.
- THE CONTRACTOR SHALL COORDINATE THE ROUTING AND PATH OF ALL SYSTEMS, CONDUITS, PIPES, DUCTS, ETC. WITH THE POSITION AND LAYOUT OF THE STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING NECESSARY OFFSETS, TURNS, RISES AND DROPS FOR SYSTEMS AND COMPONENTS AS NEEDED TO INSTALL THE MEP SYSTEMS TO CLEAR STRUCTURE, CEILINGS, ETC AND OTHER SYSTEMS IN POTENTIAL CONFLICT WITH ROUTING.
- WHEREVER THE WORK IS OF SUFFICIENT COMPLEXITY, PREPARE ADDITIONAL COORDINATION DRAWINGS AND ORGANIZE ON-SITE MEETINGS WITH ALL RELATED SUBCONTRACTORS TO COORDINATE THE WORK BETWEEN TRADES. DRAWINGS SHALL CLEARLY SHOW THE WORK AND ITS RELATION TO THE WORK OF OTHER TRADES, AND BE SUBMITTED FOR REVIEW PRIOR TO COMMENCING SHOP FABRICATION OR ERECTION IN THE FIELD.
- COORDINATE WORK WITH OTHER TRADES TO INSTALL SYSTEMS ABOVE CEILING HEIGHTS INDICATED ON ARCHITECTURAL PLANS.
- CHECK SPACE REQUIREMENTS WITH OTHER TRADES AND STRUCTURE/CONSTRUCTION TO ENSURE THAT ALL MATERIALS AND EQUIPMENT CAN BE INSTALLED IN THE SPACE ALLOTTED INCLUDING FINISHED SUSPENDED CEILINGS AND OTHER SPACES, CHASES, ETC WITHIN THE BUILDING. MAKE MODIFICATIONS THERETO AS REQUIRED AND APPROVED.
- ADJUST LOCATION OF PIPING, DUCTWORK, ETC. TO PREVENT INTERFERENCES, BOTH ANTICIPATED AND ENCOUNTERED. DETERMINE THE EXACT ROUTE AND LOCATION OF EACH ITEM PRIOR TO FABRICATION. MAKE OFFSETS, TRANSITIONS AND CHANGES IN DIRECTION IN SYSTEMS AS REQUIRED TO MAINTAIN ADEQUATE CLEARANCES AND HEADROOM.
- DRAWINGS SHOW THE GENERAL RUNS OF CONDUITS, PIPING AND DUCTWORK AND APPROXIMATE LOCATION OF OUTLETS. ANY SIGNIFICANT CHANGES IN LOCATION OF ITEMS NECESSARY IN ORDER TO MEET FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/ENGINEER AND RECEIVE HIS APPROVAL BEFORE SUCH ALTERATIONS ARE MADE. ALL SUCH MODIFICATIONS SHALL BE MADE WITHOUT ADDITIONAL COST TO THE OWNER.
- COORDINATE, PROJECT AND SCHEDULE WORK WITH OTHER TRADES IN ACCORDANCE WITH THE CONSTRUCTION SEQUENCE.
- WHEREVER WORK INTERCONNECTS WITH WORK OF OTHER TRADES, COORDINATE WITH THOSE TRADES TO ENSURE THAT ALL SUBCONTRACTORS HAVE THE INFORMATION NECESSARY SO THAT THEY MAY PROPERLY INSTALL ALL CONNECTIONS AND EQUIPMENT. IDENTIFY ALL ITEMS OF WORK THAT REQUIRE ACCESS SO THAT THE CEILING TRADE WILL KNOW WHERE TO INSTALL ACCESS DOORS AND PANELS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION AND REPAIR OF SURFACES, AREAS AND PROPERTY THAT MAY BE DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES.
- TRANSMIT TO OTHER TRADES ALL INFORMATION REQUIRED FOR WORK TO BE PROVIDED UNDER THEIR RESPECTIVE SECTIONS IN AMPLE TIME FOR INSTALLATION.
- CONTRACTOR TO PROVIDE FIRESTOPPING AT ALL FIRE RATED ASSEMBLIES MEETING THE MANUFACTURER'S FIRESTOPPING U.L. LISTED DETAILS AND INSTRUCTIONS PER LOCAL CODES AND JURISDICTIONS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING LOCATIONS WITH ARCHITECTURAL FIRE RATINGS ON PLANS OR AS REQUIRED.

ELECTRICAL SYMBOLS



LP1-10

1,3 / 1,3,5

PHASE CONDUCTORS

NEUTRAL CONDUCTOR

GROUND CONDUCTOR

NOTE: ALL WIRES ARE MINIMUM #12 UNLESS NOTED OTHERWISE AND/OR UPSIZED AS REQUIRED PER VOLTAGE DROP TABLE.

INDICATES X/X= 2-POLE C.B., X/X/X = 3-POLE C.B.

CONDUIT CONCEALED IN CEILING OR WALL WITH THREE CONDUCTORS: 1-PHASE; 1-NEUTRAL; 1-GROUND WIRE, MINIMUM NO.12 WIRE UNLESS OTHERWISE SPECIFIED ON DRAWINGS.

CONDUIT RUN UNDERGROUND OR CONCEALED IN FLOOR SLAB.

EXIT LIGHT, WALL OR CEILING AS INDICATED.

BATTERY-OPERATED EMERGENCY LIGHT (WALL / CEILING)

COMBINATION EXIT / EMERGENCY LIGHT (WALL / CEILING)

GRID-MOUNTED TROFFER LIGHT FIXTURE (DIAGONAL SHADING DENOTES EMERGENCY BATTERY)

STRIP LIGHT FIXTURE (DIAGONAL SHADING DENOTES EMERGENCY BATTERY)

SQUARE / ROUND DOWNLIGHT (DIAGONAL SHADING DENOTES EMERGENCY BATTERY)

WALL-MOUNTED LIGHT FIXTURE (DIAGONAL SHADING DENOTES EMERGENCY BATTERY)

PENDANT LIGHT FIXTURE

TRACK LIGHTING

PANELBOARD (SURFACE OR FLUSH) TOP MOUNTED 6'-0" AFF

SWITCHBOARD, NUMBER OF SECTIONS AS INDICATED.

DISTRIBUTION PANEL (SURFACE OR FLOOR MOUNTED).

STEP DOWN DRY-TYPE TRANSFORMER

CONDUIT UP / CONDUIT DOWN

CONDUIT STUBBED THRU WALL WITH BUSHINGS ON BOTH ENDS

GROUND

POWER CONNECTION POINT

DISCONNECT SWITCH, SIZE AND TYPE AS NOTED TOP MOUNTED 5'-0" AFF

WALL MOUNTED OR CEILING MOUNTED JUNCTION BOX

SINGLE POLE SWITCH

3-WAY / 4-WAY / MOTION / TIMER SWITCH TYPE AS SCHEDULED

LOW VOLTAGE SWITCH, ON/OFF, DIMMING, SCENE SELECTOR, TYPE AS SCHEDULED

SWITCH ZONE DESIGNATION

DIGITAL LIGHTING ROOM CONTROLLERS, TYPE AS INDICATED

DIGITAL PLUG LOAD CONTROLLERS, TYPE AS INDICATED

WALL / CEILING MOUNTED MOTION DETECTOR, TYPE AS INDICATED

WALL / CEILING MOUNTED DAYLIGHT SENSOR, TYPE AS INDICATED

SIMPLEX RECEPTACLE

DUPLEX RECEPTACLE (STRIKETHROUGH DENOTES ABOVE COUNTER)

SPECIAL DUPLEX RECEPTACLE, TYPE AS INDICATED

DOUBLE DUPLEX RECEPTACLE (STRIKETHROUGH DENOTES ABOVE COUNTER)

SPECIAL NEMA RECEPTACLE, TYPE AS INDICATED ON PLANS.

RECESSED STYLE POKE THRU DEVICE, POWER AND DATA OR AS SPECIFIED

RECESSED STYLE ON-GRADE FLOOR BOX, POWER AND DATA OR AS SPECIFIED

LOW VOLTAGE OUTLET, DOUBLE GANG BOX WITH SINGLE GANG PLASTER RING. INSTALL 1" CONDUIT STUBBED UP OUT OF TOP OF BOX TO ABOVE AN ACCESSIBLE CEILING.

MULTI-SERVICE POWER / LOW VOLTAGE AUDIO VISUAL BOX WITH RECEPTACLE POWER AND MINIMUM #12 LOW VOLTAGE GANGS, MANUFACTURER MAKE/MODEL AS SPECIFIED

CEILING MOUNTED PHOTO-ELECTRIC SMOKE DETECTOR

DUCT MOUNTED PHOTO-ELECTRIC SMOKE DETECTOR

CEILING MOUNTED HEAT DETECTOR

FA VISUAL FIRE ALARM STROBE LIGHT (WALL / CEILING)

FA COMBINATION HORN/STROBE (WALL / CEILING)

FIRE ALARM MANUAL PULL STATION.

SPRINKLER ALARM SYSTEM FLOW AND TAMPER SWITCHES

FIRE AND SMOKE DAMPER 120V, 1Ø

FIRE ALARM CONTROL PANEL

FIRE ALARM ANNUNCIATOR PANEL (FLUSH)

SECURITY DEVICES: SECURITY SYSTEM PROVIDED BY OTHERS UNLESS EXPLICITLY SPECIFIED OTHERWISE, ROUGH-IN PROVIDED BY CONTRACTOR. PROVIDE TWO-GANG BOXES AT EACH DEVICE UNLESS OTHERWISE SHOWN IN DOOR ROUGH-IN DETAILS. REFER TO DETAILS AND COORDINATE ALL WORK WITH SECURITY VENDOR PRIOR TO WORK.

CR = CARD READER, ML = MAGNETIC LOCK, REX = REQUEST TO EXIT, KP = KEYPAD, DPS = DOOR POSITION SWITCH, ES = ELECTRIC STRIKE



XX-X

72"

FA

GFI

AF

UGE

OHE

(R)

AL

USB

UNO

TBD

ELECTRICAL PLAN NOTE

MECHANICAL/PLUMBING EQUIPMENT TAG

HEIGHT TO CENTERLINE OF OUTLET BOX ABOVE FINISHED FLOOR

ABOVE FINISH FLOOR

FIRE ALARM

GROUND FAULT INTERRUPTER

ARC FAULT INTERRUPTER

UNDERGROUND ELECTRICAL

OVERHEAD ELECTRICAL

RELOCATED FIXTURE / DEVICE

NIGHT LIGHT (24/7 OPERATION)

USB TYPE DEVICE WITH BOTH A & C TYPE CHARGING PORTS

UNLESS NOTED OTHERWISE

TO BE DETERMINED

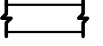
SHEET INDEX

MEP1.00	MEP COVER SHEET
MEP2.00	MEP SPECIFICATIONS
MEP2.01	MEP SPECIFICATIONS
M1.00	MECHANICAL FLOOR PLAN
E1.00	POWER & SPECIAL SYSTEMS FLOOR PLAN

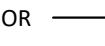
LINEWORK LEGEND:

-----	DEMOLISH / REMOVE
_____	EXISTING TO REMAIN
- - - - -	EXISTING TO REMAIN (ROOF / ABOVE)
_____	NEW WORK

MECHANICAL SYMBOLS



OR



DUCTWORK



SUPPLY DUCT



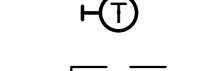
RETURN DUCT



EXHAUST DUCT



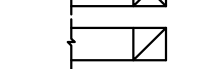
SUPPLY DIFFUSER



RETURN GRILLE



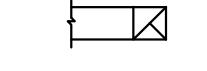
EXHAUST GRILLE



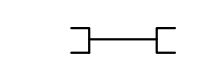
RISE OR DROP IN DUCT



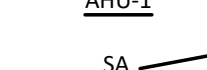
THERMOSTAT



MANUAL VOLUME DAMPER



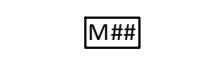
SUPPLY DUCT DOWN



SUPPLY DUCT UP



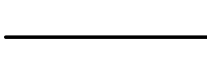
RETURN DUCT DOWN



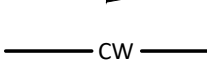
RETURN DUCT UP



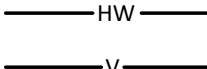
EXHAUST DUCT DOWN



EXHAUST DUCT UP



WALL MOUNTED DIFFUSER/GRILLE

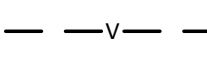


FLEXIBLE DUCT CONNECTION

AHU-1

SA

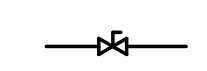
200



EQUIPMENT TYPE AND DESIGNATION

MARK NO. SUPPLY (S.), RETURN (R.), EXHAUST (E.)

CFM

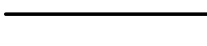


CONNECT TO EXISTING



MECHANICAL PLAN NOTE

PLUMBING SYMBOLS



PIPING



FLOW ARROW

CW

HW

COLD WATER

HOT WATER

V

V

SANITARY VENT ABOVE GROUND/FLOOR

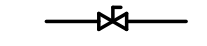
SANITARY VENT BELOW GROUND/FLOOR

W

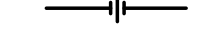
W

SANITARY WASTE ABOVE GROUND/FLOOR

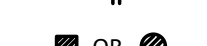
SANITARY WASTE BELOW GROUND/FLOOR



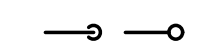
SHUT OFF VALVE



UNION



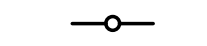
FLANGE CONNECTION



OR



FLOOR DRAIN OR EQMT FLOOR DRAIN



PIPE DROP/PIPE RISE



BOTTOM OUTLET TEE



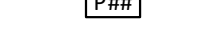
TOP OUTLET TEE



WALL CLEAN OUT



FINISHED FLOOR CLEANOUT



EQUIPMENT TYPE AND DESIGNATION



PLUMBING FIXTURE DESIGNATION



CONNECT TO EXISTING



PLUMBING PLAN NOTE

STATE OF MISSOURI
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207 WEST HIGH
STREET
JEFFERSON CITY,
MISSOURI 65101

PROJECT # O2604-01

SITE # 1113

FACILITY # 351113001

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: JULY 29, 2026

CAD DWG FILE:
DRAWN BY: BLH
CHECKED BY: JMS
DESIGNED BY: _____

SHEET TITLE:

MEP
COVERSHEET

SHEET NUMBER:

MEP100

15 OF 25 SHEETS
JULY 29, 2026

GENERAL REQUIREMENTS AND MECHANICAL SPECIFICATIONS

GENERAL MEP REQUIREMENTS

1. SUMMARY OF WORK

A. The contract documents require the furnishing and installing of complete functioning mechanical systems, and each element thereof, as specified or indicated in the contract documents or reasonably inferred, to completely construct and leave ready for operation the systems as shown on the drawings and herein described, including every article, device or accessory, whether or not specifically called for by item. Elements of the work include materials, labor, supervision, supplies, equipment, transportation, and utilities.

B. Specifications and drawings are complementary and what is called for in one shall be as binding as is called for by both.

C. All work performed under this section shall be done in a neat and workmanlike manner by experienced mechanics of the proper trade.

2. COORDINATION, MEASUREMENTS AND LAYOUTS

A. The contractor shall inspect the site where this work is to be performed and fully familiarize himself with all conditions related to this project.

B. The contractor shall employ a competent foreman on the job to see that work is done in accordance with the best practices and in a satisfactory and workmanlike manner. The foreman shall keep informed as to the work of other trades engaged in the construction of the project, and shall execute their work in such a manner as not to interfere with or delay the work of other trades.

C. Drawings show the general arrangement of all systems and components covered under this section. Where local conditions necessitate a rearrangement, the contractor shall prepare, and submit for approval, drawings of the proposed rearrangement. Because of the small scale of the drawings, it is not possible to indicate all offsets, fittings, and accessories that may be required. The contractor shall carefully investigate the structural and finish conditions affecting all of their work and shall arrange such work accordingly, furnishing such offsets, fittings and accessories as may be required to meet such conditions at no additional cost to the owner. The contractor shall verify all dimensions. Drawings shall not be scaled to determine dimension.

3. PERMITS AND FEES

A. The contractor shall obtain and pay for all required permits and licenses and shall make all deposits and pay all fees required for the performance of work under this section, other than those deposits or fees which are fully refundable to the owner.

4. SUBMITTALS, MATERIALS AND EQUIPMENT

A. All items of materials and equipment shall be new unless otherwise specified herein, free from defects and of the best quality normally used for the purpose in good commercial practice.

B. As soon as possible after the award of the contract, the contractor shall submit for review digital shop drawings for all equipment to be furnished for this project. Submittals shall include manufacturer's name, model number, descriptive engineering data and all necessary information as to finish, material gauges and accessories. After such shop drawings are processed, they will be returned to the contractor. The contractor shall, upon receipt of reviewed shop drawings proceed with the procurement and installation of such equipment.

5. CODES, LAWS, AND STANDARDS

A. All work shall be installed in compliance with all governing codes, applicable local laws, regulations, ordinances or statutes of regulatory bodies having jurisdiction. The work shall be executed in accordance with said laws, regulations, ordinances, statutes or codes, without increased cost to the owner. Any point in question shall be referred to the engineer for approval. Work indicated on the documents that is in excess of code requirements shall not be reduced in quality and/or quantity.

B. Comply with rules and regulations of public utilities and municipal departments affected by connections of services.

6. RECORD DOCUMENTS

A. Operating and Maintenance Brochure:

1) On completion of the project, the Contractor shall provide project manuals electronically (PDF format unless otherwise instructed) containing complete product information for all installed or provided equipment and components including cut sheets, parts lists, wiring and installation diagrams, operating, service and lubrication instructions. Provide manufacturer guarantee and warranty certificates.

B. Record Drawings:

1) On completion of the project, the Contractor shall provide record drawings with all field changes clearly and neatly noted. The original routing and layout shall be clearly marked out. References to other documents, drawings, addenda, RFI's or otherwise for additional information shall not be accepted.

2) The Contractor shall submit record drawings electronically in PDF format (unless otherwise instructed).

7. GUARANTEES AND WARRANTIES

A. The contractor shall guarantee complete system operation and that the material and equipment furnished and installed will be free from defects in workmanship and materials and will give satisfactory service under the specified operating conditions. The contractor agrees to replace, without expense to the owner, any part of the apparatus which proves or becomes defective within one year after the system is accepted. No equipment warranty or guarantee shall start until the time of building acceptance.

B. All warranties issued by equipment manufacturers shall be filled out in the owner's name and given to the owner prior to final acceptance of work performed under this section.

8. FINAL INSPECTION

A. After completion of the entire project the contractor shall request final inspection of this project in written form addressed to the architect along with a statement to the effect that all installations have been completed, checked, adjusted and balanced in accordance with requirements of this project. Upon receipt of written notification of completion and request for final inspection the engineer will perform a final inspection of this work and, if all installations are as represented by the contractor, the engineer will submit written recommendation of acceptance.

9. CLEANING

A. Dirt and refuse resulting from the performance of the work shall be removed to keep the premises reasonable clean at all times.

B. After completion of the work described in this specification and shown on the drawings, the contractor shall thoroughly clean all exposed surfaces and equipment, remove all dirt, debris, crating, cartons, etc., and leave all installations finished and ready for operation.

10. OPENINGS AND SLEEVES

A. In fire-rated walls: caulking shall be a pure ceramic fiber made of alumina-silica, "Cerafiber-fs" by Johns-Manville. Sealant shall be gun grade. An acrylic 2-part gun applied, fire retardant elastic sealant, "Dymeric" by Tremco or equal by Permatite no. 1113R.

1) Limit the size of the space between the wall or floor and the outside of the pipe or duct to 1/4 inch maximum. This space is sufficient to allow some movement of the pipes or duct without cracking the caulking or sealant.

2) For openings in walls, the caulking shall be applied to a minimum of 3 inch total depth. Sealant shall then be applied on both sides of the wall opening a minimum of 1/2 inch in depth, finished flush with the wall. D.

B. For openings in floors, the caulking shall be applied from the upper side to a minimum of 3 inch total depth recessed 1/2 inch below the finished floor. This 1/2 inch recess shall then be filled with sealant to flush with finished floor.

11. CUTTING AND PATCHING

A. The contractor shall be responsible for any cutting of walls, floors, ceilings and roofs required for performance of their work.

B. No structural member shall be cut without permission from the architect.

C. Patch all openings to match adjacent construction in both material and finish.

D. All cutting of existing concrete floors/slabs on grade in the interior of the building shall be performed by "saw cutting" and shall be performed by this contractor.

12. DEMOLITION AND NEW WORK

A. The contractor shall do all demolition, alterations and rework indicated and/or required to maintain the operation of all existing systems and to integrate the new systems in the renovated building as required. The contractor shall include all work which may be required to alterations and demolition work. This shall include all removal, relocation and reworking of piping, items of equipment, etc. Existing systems and new systems shall be completely integrated as intended and as indicated on the plans and in the specifications.

B. The contractor shall remove from the premises and dispose of properly all existing material and equipment which no longer serves a purpose in altered areas. The contractor shall remove unused ductwork and piping. Remove piping connected to equipment back to main and cap. Unless otherwise noted, the contractor shall

maintain services to all existing areas requiring such services. The contractor shall reroute as required such services where are disrupted due to architectural changes in the existing structure. Any equipment which is designated to be reused and which is damaged in the process shall be replaced by the contractor with new equipment of like kind at no cost to the owner.

C. The contractor shall replace any existing devices including air devices, thermostats and electrical devices to match new devices unless instructed otherwise.

13. INTERRUPTION OF SERVICES

A. The contractor shall schedule any service interruptions to the existing building with the owner's representative. Such interruptions shall be planned so as to be at times to cause the least inconvenience and interruption to the facility's schedule.

14. EXISTING CONDITIONS

A. All existing conditions shown on the drawings and described in the specifications for this project have been determined from available drawings and field investigations. Contractors making proposals for this work shall investigate all existing conditions and base their proposals on their observations to provide complete and functioning installations in accordance with the intent of the drawing and specifications for this project and all applicable governing codes, rules, regulations and ordinances. Failure to determine existing conditions which cause additional work will not constitute grounds for additional compensation.

END OF GENERAL MEP REQUIREMENTS

DIVISION 23000 - HEATING, VENTILATING AND AIR CONDITIONING

1. GENERAL:

A. The work included under this contract consists of providing all labor, materials, tools, transportation, services, etc., necessary to complete the installation of the heating, ventilating, and air conditioning systems and other items herein listed and as described in these specifications, as illustrated in the accompanying drawings or as directed by the Architect/Engineer.

B. Existing equipment including, but not limited to, rooftop units, heating only units and electric heating units shall be inspected for functionality. Any deficiencies or operational issues with the existing equipment shall be presented to the tenant, Architect, and Engineer in writing prior to project closeout

2. SHEET METAL DUCTWORK:

A. Sheet metal ducts and connections shall be constructed of G-90 galvanized sheets of mild steel. The ducts shall be constructed to the sheet metal and air conditioning contractors national association (SMACNA) pressure class standards. No duct shall be constructed with less than 24 gauge metal. Local codes requiring heavier gauges shall govern.

Leakage class minimum requirements are:

1) Up thru 2" WG pressure - rectangular - Class 24, round - Class 12.

2) Greater than 2", less than 4" WG pressure - class 12 - rectangular, class 6 - round.

Seal class minimum requirements are:

1) Up thru 2" WG pressure - class A for all duct joints.

2) Greater than 2", less than 4" WG pressure - class A for all duct joints.

B. Duct sections shall be joined in accordance with the recommendations of the sheet metal and air conditioning contractors national association and requirements of the building code having jurisdiction.

C. Curved elbows shall be constructed with inside radius not less than the duct width in the same plane. Square elbows shall have turning vanes. Turning vanes shall be designed in accordance with ASHRAE recommendations. Manufactured vanes shall be by Greenheck or approved equal.

D. Crossbreak all ductwork surfaces over 18 inches in width.

E. Full areas shall be maintained in transitions where a change in the configuration of the duct occurs. All tapering joints shall be reduced gradually.

F. Joints in ducts shall be made practically airtight and any open corner shall be neatly patched and soldered tight. Duct tape will not be accepted as a joint patch. Low pressure system duct leakage shall not exceed 2%.

G. Concealed round ducts shall be constructed to SMACNA 2" w.g. Standards with grooved longitudinal seams and sleeved type transverse joints.

2. DUCT LINER:

A. All rectangular outside air intake, supply, return and transfer air ductwork shall be lined with 1/2" thick 2 lb. Density Certainteed Tough Gard duct liner or equal from Manville, Knauf insulation, or Owens Corning unless noted otherwise on the drawings. All duct liner is to comply and be installed in accordance to NAIMA fibrous glass duct liner standard and SMACNA.

3. FLEXIBLE DUCT:

A. Flexible ducts shall be UL-181 class Thermaflex M-KE, or approved equal, shall not be longer than 5 feet and shall not have any air flow obstruction.

4. DUCTWORK SUPPORTS:

A. All horizontal ducts shall be supported with hangers spaced not more than 8'-0" apart. Hangers for ducts smaller than 31 inches shall consist of 22 gauge galvanized steel straps securely fastened to the duct and the building construction. Ducts over 31 inches in width shall be hung with 1/4 inch steel angle on the bottom of the duct supported with steel rods of appropriate size securely fastened to the building structure. All supports to meet SMACNA standards.

5. DUCTWORK INSULATION:

A. All concealed round ducts shall be insulated with 1-1/2 inch thick, 1 pound per cubic foot density, certain-teed duct wrap insulation faced on one side with .002 inch aluminum foil with a 2 inch tab, or equal products by Manville, Knauf insulation, or Owens Corning unless noted otherwise on the drawings. Insulation shall be applied in strict compliance with the manufacturer's recommendations.

B. All insulation shall be UL listed; flame spread/fuel contributed/smoke developed rating of 25/50/50 or less in accordance with ASTM E84, NFPA 255 and UL 723.

6. GRILLES, REGISTERS, DIFFUSERS AND LOUVERS:

A. Furnish and install all grilles, registers, diffusers and louvers as shown and described on the drawings or comparable products of Titus or Price.

B. The contractor shall inform the general contractor of the requirements for opening sizes and framing for all equipment and shall coordinate the installation of all such equipment with the structural requirements of this project.

7. HVAC EQUIPMENT

A. Air conditioning units shall be as scheduled or by acceptable equal. Units shall be standard catalogued products with the appropriate approval or certification by AGA, ARI and UL. Efficiencies shall conform to ASHRAE 90 standards.

B. Should an alternate manufacturer's equipment be provided that differs in size, weight or configuration from the manufacturer listed as the basis of design, the contractor shall reimburse the architect and engineer for all costs associated with modifying the construction documents to accommodate the alternate manufacturer's equipment. The contractor also shall be responsible for all costs associated with modification to electrical, plumbing, mechanical and structural systems from the original construction documents to accommodate alternate equipment.

C. Provide units with manufacturer's standard control package. Controls to include factory wired terminals with overload devices and transformers as required. Unit safety control to include high-low pressure switches, fan relays, short cycle safety and internal pressure relief, gas controls with hi limit and anti-cycle protection.

D. Provide unit accessories as noted on drawings and as required for a complete operating system.

E. Mount units to provide the required service, access and airflow space.

F. Fans shall be as scheduled with all required accessories including vibration isolators, hangers, rate of rise thermostats, etc.

G. Commercial quality fans shall be AMCA rated by Greenheck or acceptable equal by Cook, Acme, Carnes, Penn Barry.

H. Provide variable volume VAV boxes and accessories as scheduled.

1) E.H. Price, Titus, Carnes, Enviro-Tec, Krueger, Nailor, Trane or acceptable equal.

8. OPERATING AND MAINTENANCE MANUALS:

A. The equipment manufacturer shall furnish the owner two bound sets of operating and maintenance instructions for all systems.

9. START-UP/TESTING, ADJUSTING, BALANCING:

A. The contractor shall complete all equipment installations, check all control wiring, start up and adjust all equipment and place all systems in operation.

B. After completion and start-up of all systems the contractor shall arrange for testing, adjusting and balancing of all air systems.

C. Testing, adjusting and balancing of all air systems shall be performed in complete accordance with NEBB or SMACNA standards.

D. Upon completion of testing, adjusting and balancing, a complete report of all findings shall be submitted to the engineer prior to final acceptance of this project. Three copies of the report shall be provided.

10. ACCESSORIES:

A. Provide single thickness turning vanes in all supply duct turns.

B. Provide duct access doors for all internal mounted equipment. Access doors shall be insulated double wall, constructed airtight in accordance with SMACNA standards for the appropriate pressure class where they are installed. They shall have butt or piano hinged with cam latches. Minimum size shall be 12"x12" or 12"x duct depth unless noted otherwise.

C. Branch take-offs to air terminal units shall be high efficiency type.

D. All take-offs to diffusers and grilles shall be made with high efficiency take-offs, 45º take-offs or conical fittings unless specifically indicated otherwise on drawings. Provide locking quadrant volume damper at take-offs in accessible ceilings, unless shown otherwise. Extractors and scoops are not permitted

E. Duct splits, elbows and reducing fittings shall be fabricated per SMACNA standards. "Ductmate" or acceptable equal flanged and gasketed joint systems are approved.

F. Provide dampers where shown and required. Dampers shall be by Greenheck or acceptable equal by Ruskin, American Warming & Ventilating, Air Balance, Inc., Carnes, Krueger, Nailor, United Enertech.

G. Volume balancing dampers shall be Ruskin CD-35/CDR-25 or approved equal. The dampers shall be constructed of 16 gauge galvanized steel, 6-inch wide opposed blades and the linkage concealed in frame.

11. CONTROLS:

A. All temperature controls unless otherwise noted shall be the responsibility of the Mechanical Contractor.

B. Mechanical Contractor shall integrate all new mechanical equipment into existing temperature control systems front end computer system.

C. Controls system shall be compatible with all existing building control panels. Controls shall be interfaced and compatible with the existing building energy management control system.

D. Provide control installation to accomplish the indicated or required sequence of operation including thermostats/ sensors, controllers, actuators, wiring, piping and tubing, software, graphics and other components as required for a complete operating system. Where no sequence is indicated, contractor shall submit a proposed sequence for approval.

12. PAINTING:

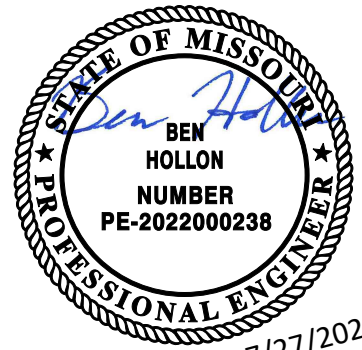
A. Painting, except as specified herein, shall be done by others.

B. Equipment which has damaged finish shall be repainted to match the original factory finish.

C. All exposed ferrous metal furnished under this contract, such as hangers, struts, structural steel, etc., shall be given one coat of Tnemec gray primer.

END OF DIVISION 23000

STATE OF MISSOURI
MIKE KEHOE,
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207 WEST HIGH
STREET
JEFFERSON CITY,
MISSOURI 65101

PROJECT # O2604-01

SITE # 1113

FACILITY # 351113001

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: JULY 29, 2026

CAD DWG FILE:
DRAWN BY: BLH
CHECKED BY: JMS
DESIGNED BY: _____

SHEET TITLE:

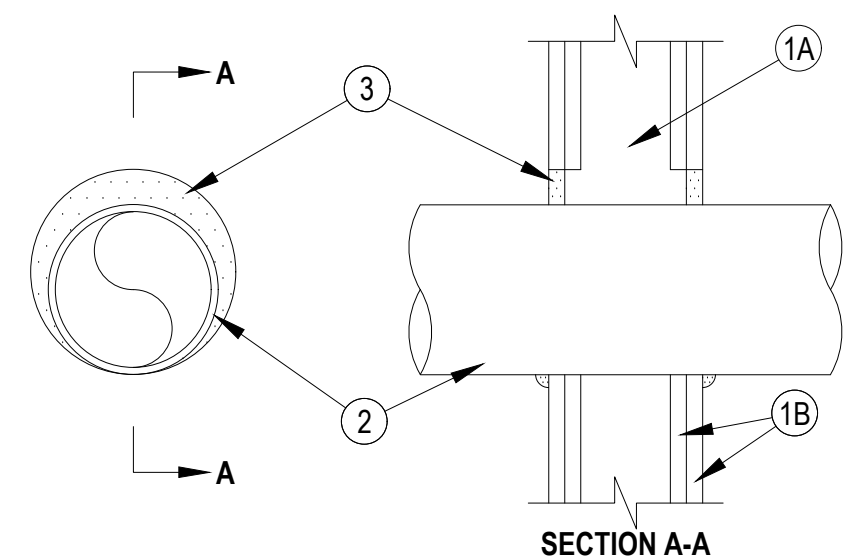
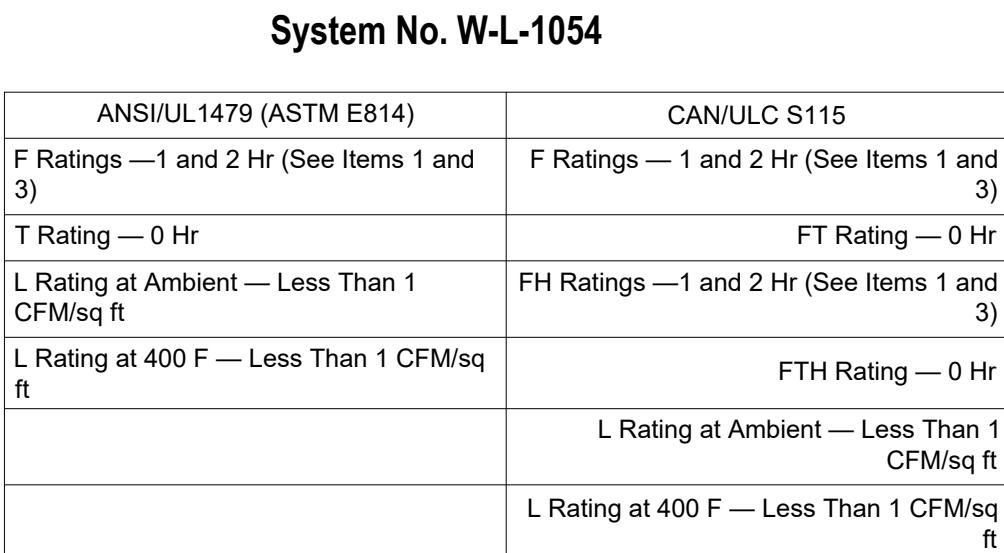
MEP
SPECIFICATIONS

SHEET NUMBER:

MEP200

16 OF 25 SHEETS
JULY 29, 2026



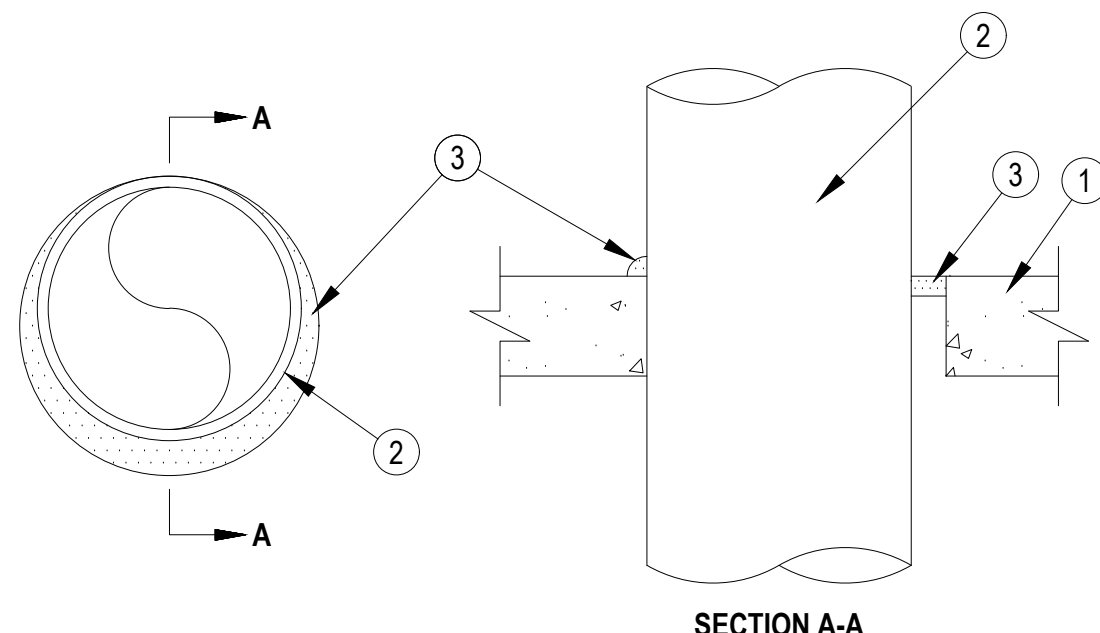
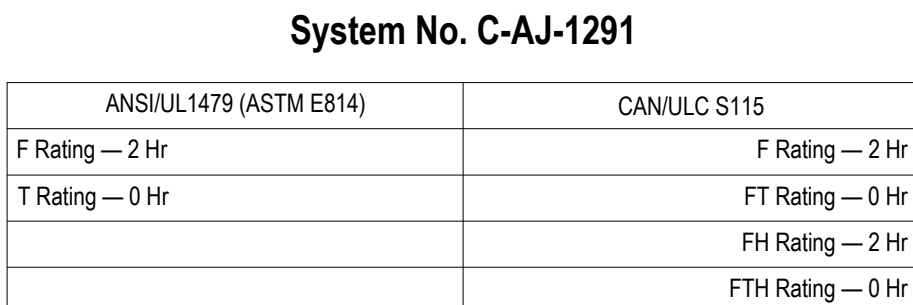


* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada) respectively.



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FACILITY # 351113001

ISSUE DATE: JULY 29, 2021

SHEET TITLE:

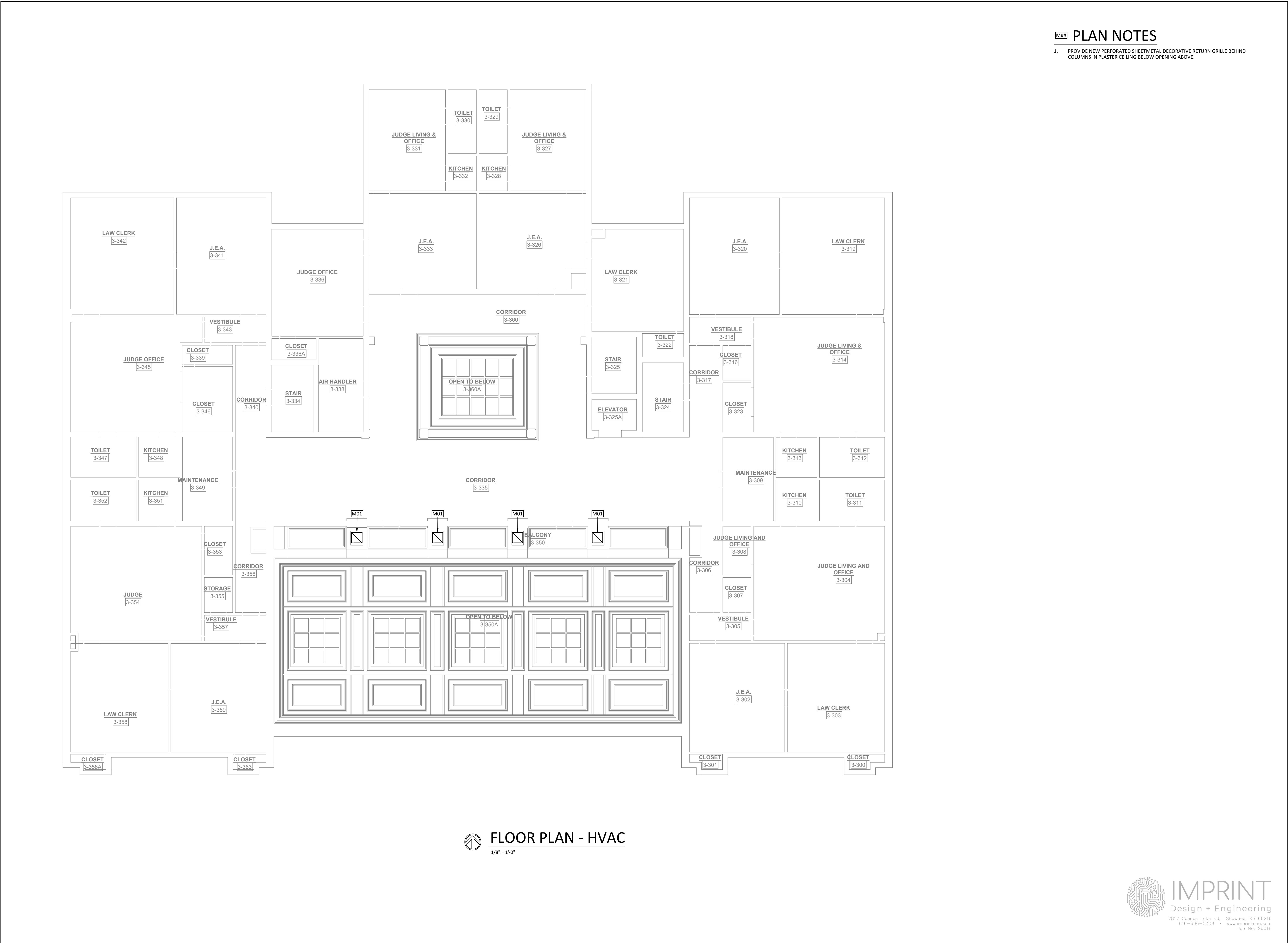
SPECIFICATION

SHEET NUMBER:

MEP201

17 OF 25 SHEETS
JULY 29, 2026





PLAN NOTES

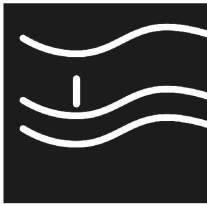
1. PROVIDE NEW PERFORATED SHEETMETAL DECORATIVE RETURN GRILLE BEHIND COLUMNS IN PLASTER CEILING BELOW OPENING ABOVE.

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



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MISSOURI 65101

PROJECT # O2604-01
SITE # 1113
FACILITY # 351113001

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: JULY 29, 2026

CAD DWG FILE: _____
DRAWN BY: BLH
CHECKED BY: JMS
DESIGNED BY: _____

SHEET TITLE:

MECHANICAL
FLOOR PLANS

SHEET NUMBER:

M100

18 OF 25 SHEETS
JULY 29, 2026





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JEFFERSON CITY,
MISSOURI 65101

PROJECT # O2604-01
SITE # 1113
FACILITY # 351113001

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DATE: _____
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REVISION: _____
DATE: _____
ISSUE DATE: JULY 29, 2026

CAD DWG FILE: _____
DRAWN BY: BLH
CHECKED BY: JMS
DESIGNED BY: _____

SHEET TITLE:
ELECTRICAL
FLOOR PLANS

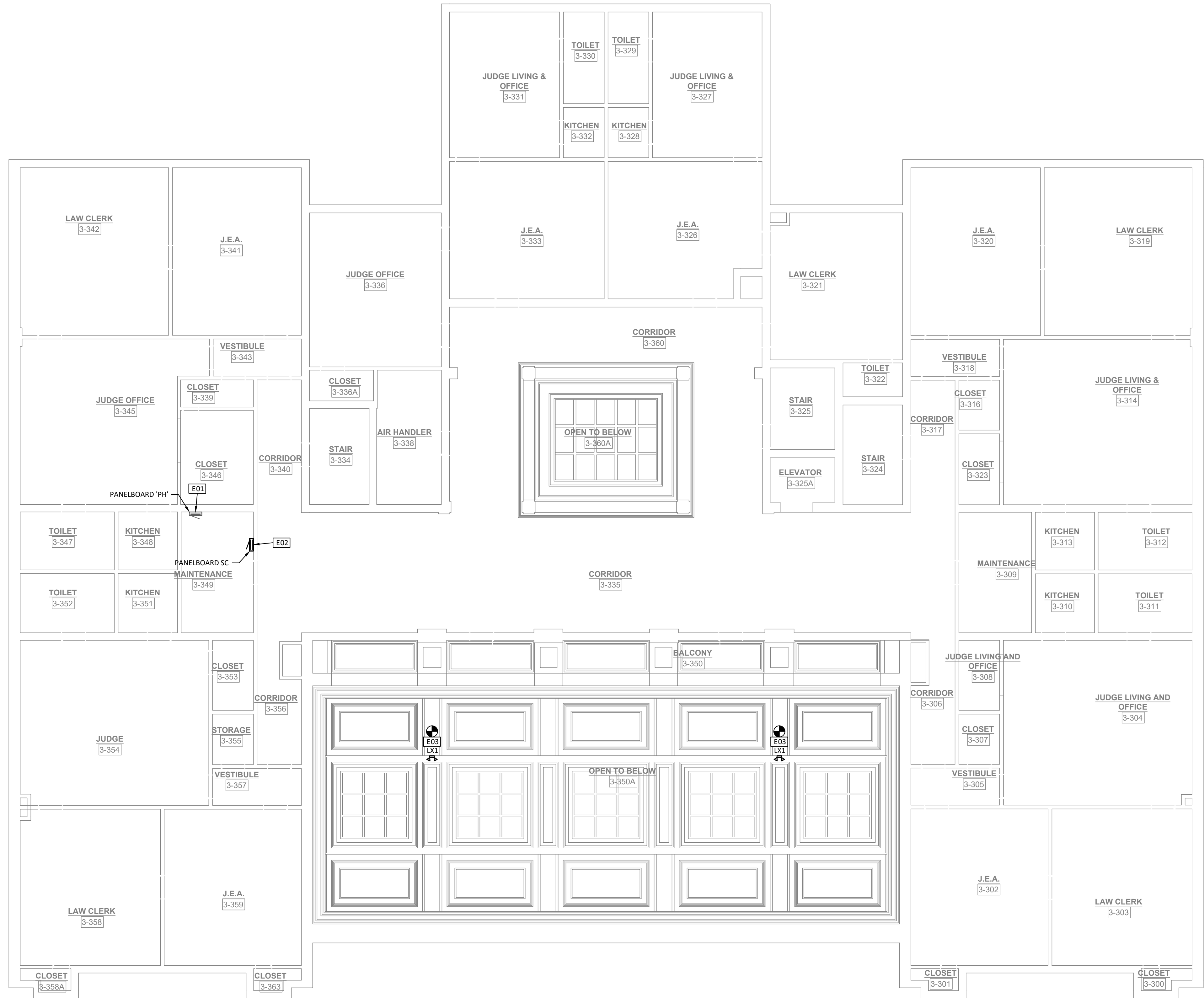
SHEET NUMBER:

E100

19 OF 25 SHEETS
JULY 29, 2026

PLAN NOTES

- EXISTING PANELBOARD 'PH' TO REMAIN.
- NEW 60 AMP, 208/120V, 3-PHASE, 4-WIRE, 18-POLE PANELBOARD FOR NEW LIGHT FIXTURES.
- PROVIDE NEW EMERGENCY LIGHT FIXTURE INSTALLED IN PLACE OF EXISTING EMERGENCY LIGHT FIXTURE AT MEZZANINE. REMOVE EXISTING FIXTURE AND REPLACE WITH NEW, RECONNECT TO EXISTING WIRING AS REQUIRED.



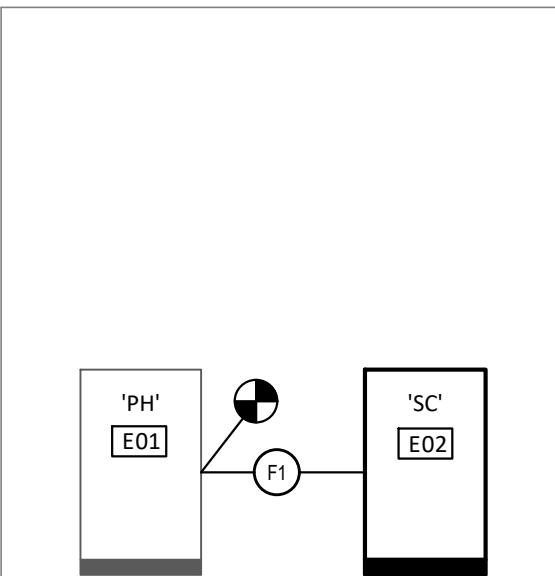
 FLOOR PLAN - POWER & SPECIAL SYSTEMS
1/8" = 1'-0"

FEEDER SCHEDULE

(F1) (4)#4, #10 GROUND, IN 1-1/2" CONDUIT.

PLAN NOTES

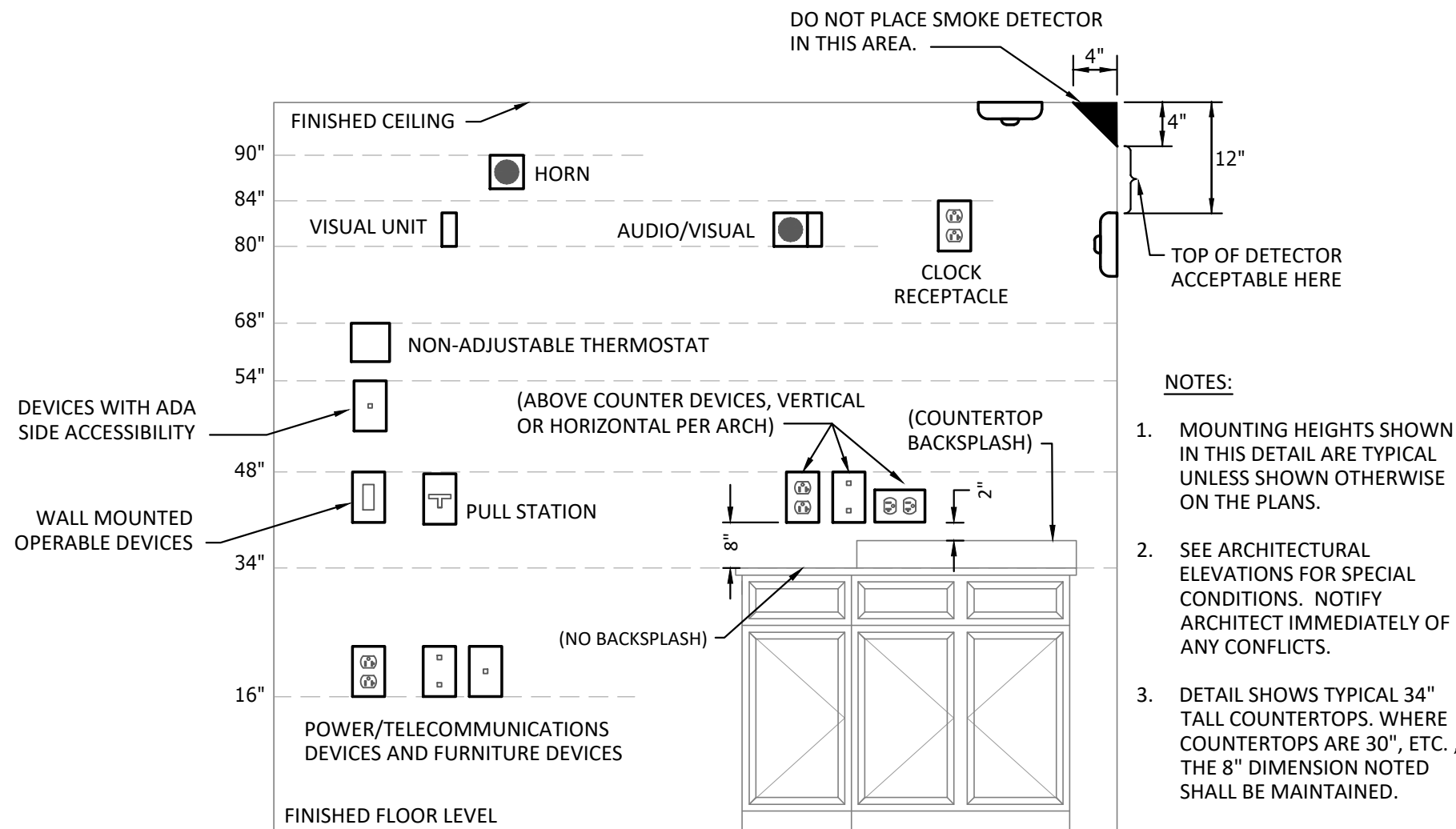
1. EXISTING 400A, 208/120V, 3 PHASE, 4 WIRE PANELBOARD.
2. NEW 60A, 208/120V, 3 PHASE, 4 WIRE PANELBOARD.



MAINTENANCE 3-349

ELECTRICAL RISER DIAGRAM

NO SCALE



VISUAL UNIT (FIRE ALARM NOTIFICATION DEVICES) DEVICE 80" ABOVE HIGHEST FLOOR LEVEL OR 6" BELOW CEILING WHICH EVER IS LOWER (ADA 1993). BOTTOM OF DEVICE 80" AFF (NFPA).

AUDIO UNIT (FIRE ALARM NOTIFICATION DEVICE) TOP OF UNIT AT LEAST 90" AFF OR 6" BELOW CEILING WHICH EVER IS LOWER (NFPA).

AUDIO/VISUAL UNIT (FIRE ALARM NOTIFICATION DEVICE) LOCATION DETERMINED BY VISUAL UNIT REQUIREMENTS (NFPA).

PULL STATION (FIRE ALARM ACTIVATION DEVICE) HIGHEST OPERABLE PART SHALL NOT BE MORE THAN 48" ABOVE THE FLOOR (FRONT APPROACH) ADA 1993. OPERABLE PART (T-HANDLE) SHALL BE NOT LESS THAN 42" AFF (NFPA).

WALL MOUNTED OPERABLE DEVICES

OPERABLE DEVICES SHALL BE LOCATED 48" AFF. TO THE TOP OF OPERABLE PORTION OF DEVICE. WALL MOUNTED TELEPHONES WITH SIDE ACCESSIBILITY MAY BE MOUNTED UP TO 54" AFF. WALL MOUNTED OPERABLE DEVICES INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:

ADJUSTABLE THERMOSTATS.
LIGHTING SWITCHES/DIMMERS/CONTROLS
PUSH BUTTONS
OTHER CONTROL OR "CALL" DEVICES

POWER/COMMUNICATION DEVICES:

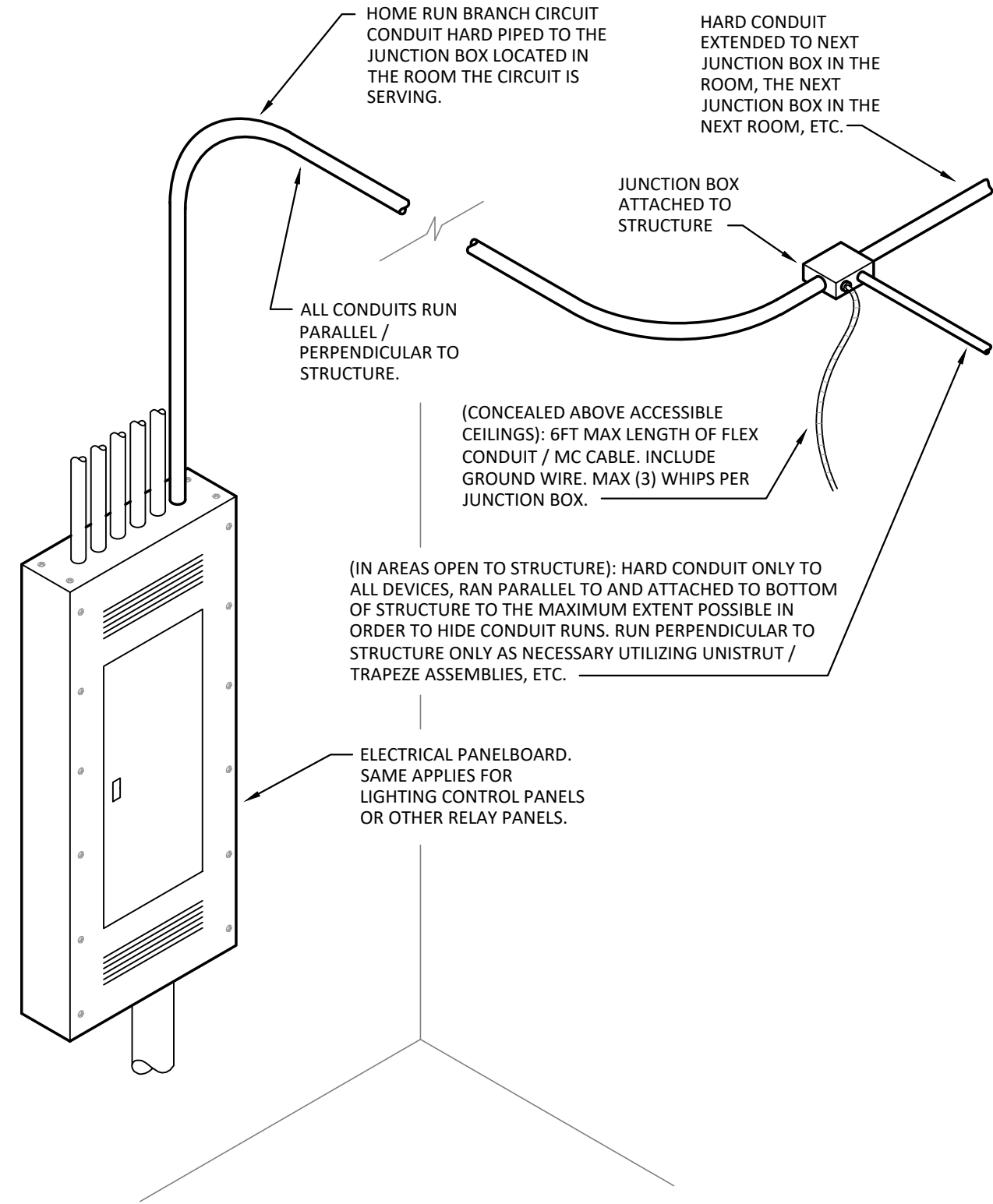
OUTLETS SHALL BE LOCATED 16" AFF TO THE BOTTOM OF THE BOX. ABOVE COUNTER DEVICES SHALL BE LOCATED 2" ABOVE BACKSPLASH OF COUNTER TO THE BOTTOM OF DEVICES (PLAN DESIGNATION ). VERIFY W/ ARCHITECTURAL DETAILS AND CASEWORK ELEVATIONS..

TYPICAL MOUNTING HEIGHTS FOR WALL MOUNTED DEVICES

NO SCALE

CIRCUIT BREAKER PANELBOARD SCHEDULE

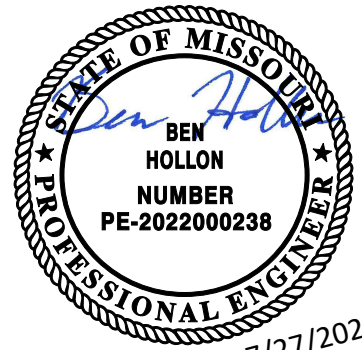
GEAR DESIGNATION:		MANUFACTURER: SQUARE D				VOLTAGE / PHASE / WIRE: 120/208											
"SC"		TYPE: NF				PHASE / WIRE: 3P / 4W											
		ENCLOSURE: NEMA 1 / 18-POLE, 1-SECTION				MAINS RATING: 60											
		MOUNTING: SURFACE				LUGS: MAIN LUGS ONLY											
MIN. AIC RATING (AMPS): MATCH UPSTREAM PANEL																	
CIRC NO.	LOAD DESCRIPTION	CIRC BRKR AMPS	CIRC BRKR ACC.	LOAD (VA)	LOAD (VA)	CIRC BRKR AMPS	CIRC BRKR AMPS	LOAD DESCRIPTION	CIRC NO.								
1	LD1 #1 (LOWER LEVEL STACK)	20		1020	966	20		LP1 #1 (FLAT PANELS)	2								
3	LD1 #1 (LOWER LEVEL STACK)	20		675	966	20		LP1 #2 (FLAT PANELS)	4								
5	LD2 #1 (UPPER LEVEL STACK)	20		1155	966	20		LP1 #3 (FLAT PANELS)	6								
7	LC1 #1 (COVE LIGHTING)	20		1034	966	20		LP1 #4 (FLAT PANELS)	8								
9	LIGHTING CONTROL PANEL	20		500	966	20		LP1 #5 (FLAT PANELS)	10								
11	SPARE	20		0	0	20		SPARE	12								
13	SPARE	20		0	0	20		SPARE	14								
15	SPARE	20		0	0	20		SPARE	16								
17	SPARE	20		0	0	20		SPARE	18								
NEC LOAD CALCULATIONS																	
LOAD TYPE		CONNECTED	DIVERSITY	DEMAND		PANEL NOTES/ACCESSORIES:											
RECEPTACLES (NON-DWELLING)		0	1.00	0		1. PROVIDE SPARE 20A, 1-POLE BREAKERS FOR ALL UNUSED POLES.											
INTERIOR LIGHTS		9214	1.00	9214		2. PROVIDE HANDLE-TIES FOR ALL MULTIPLE CIRCUIT (SHARED NEUTRAL) HOMERUNS											
EXTERIOR LIGHTS		0	1.25	0		3. PANEL TO BE SERVICE ENTRANCE RATED.											
SPACE HEATING		0	0.00	0		ACCESSORY ABBREVIATIONS:											
HVAC COOLING		0	1.00	0		*GFI = GFI BREAKER		*ST" = SHUNT TRIP									
MOTOR		0	1.00	0		*HLO" = HANDLE LOCK ON DEVICE		*AF" = ARC FAULT CIRCUIT INTERRUPTOR									
MISCELLANEOUS		0	1.00	0		*LCK" = HANDLE LOCK OFF DEVICE		*EPD" = EQUIPMENT PROTECTION DEVICE									
WATER HEATER		0	1.25	0		<table><tr><td>9214</td><td>TOTAL CONNECTED (VA)</td></tr><tr><td>COOLING</td><td>CONTROLLING LOAD</td></tr><tr><td>1.00</td><td>FUTURE FACTOR (INCLUDED)</td></tr><tr><td>34</td><td>CALCULATED SIZING AMPS</td></tr></table>				9214	TOTAL CONNECTED (VA)	COOLING	CONTROLLING LOAD	1.00	FUTURE FACTOR (INCLUDED)	34	CALCULATED SIZING AMPS
9214	TOTAL CONNECTED (VA)																
COOLING	CONTROLLING LOAD																
1.00	FUTURE FACTOR (INCLUDED)																
34	CALCULATED SIZING AMPS																
KITCHEN EQUIPMENT		0	1.00	0													
ELEVATORS		0	1.00	0													
HEAT PUMP		0	1.00	0													
---		0	1.00	0													



TYPICAL CONDUIT ROUTING DETAIL

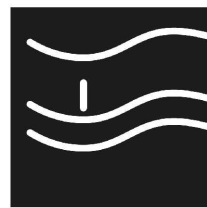
NO SCALE

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JEFFERSON CITY,
MISSOURI 65101

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SITE # 1113
FACILITY # 351113001

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DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: JULY 29, 2026

CAD DWG FILE: _____
DRAWN BY: BLH
CHECKED BY: JMS
DESIGNED BY: _____

SHEET TITLE:

ELECTRICAL
FLOOR PLANS

SHEET NUMBER:

E200

20OF25 SHEETS
JULY 29, 2026

LIGHT FIXTURE SCHEDULE

LIGHTING FIXTURE SCHEDULE											
SYMBOL	MANUFACTURER	MODEL #	LAMP	COLOR TEMP	DIMMING	WATTS	VOLTAGE	FINISH	DESCRIPTION	LOCATION	NOTES
LC1	BARTCO	4-30-ND-R-A *OWNER FURNISHED	LED, 2477 LUMENS	3000K, 90CRI	N/A	30.4 W	UNV	TBD	NOMINAL 3.125" WIDE X 3.79" LONG X 1.875" TALL COVE MOUNTED ASYMETRICAL LED LUMINAIRE.	PERIMETER COVE	
LP1	METALUX	22CGTS-L3C3-080083194728 *OWNER FURNISHED	LED, 4658 LUMENS	3500K, 80CRI	N/A	32.2 W	UNV	TBD	2' X 2' SUSPENDED FLAT PANEL WITH FIELD SELECTABLE LUMENS AND COLOR TEMPERATURE. PROVIDE SUSPENSION KIT FOR A 4 POINT SUSPENSION. PROVIDE WITH INTEGRAL DRIVER.	LAY LIGHTS	
LD1	CASEY ARCHITECTURAL OR EQUIVALENT BY ST. LOUIS ANTIQUE LIGHTING OR NEW METAL CRAFT.	HSL-CSTM LAMP: EMORY ALLEN EA-G9-7.0W-001-309F-D	G9 LED, 700 LUMENS	3000K, 90CRI	N/A	7W	120	TBD	CUSTOM STACK LIGHTING TO BE SURFACE MOUNTED DECORATIVE FRAME WITH FROSTED GLOBE LED LAMP. RE: DETAIL 2 / SHEET E205.	LIBRARY STACKS	A, B
LD2 - ADD ALT #2	CASEY ARCHITECTURAL OR EQUIVALENT BY ST. LOUIS ANTIQUE LIGHTING OR NEW METAL CRAFT.	HSL-CSTM LAMP: EMORY ALLEN EA-G9-7.0W-001-309F-D	G9 LED, 700 LUMENS	3000K, 90CRI	N/A	7W	120	TBD	CUSTOM STACK LIGHTING TO BE SURFACE MOUNTED DECORATIVE FRAME WITH FROSTED GLOBE LED LAMP. RE: DETAIL 3 / SHEET E205.	LIBRARY STACKS	A, B
LX1	MULE LIGHTING	AMER-LUX BZ ACSD	LED, 400 LUMENS	5000K	N/A	12W	UNV	DARK BRONZE	DIE-CAST ALUMINUM LED SURFACE MOUNTED TO THE SIDE OF STACK END WALL. EXISTING POWER TO BE REUSED AND COORDINATED TO BE AS CONCEALED AS POSSIBLE.	LIBRARY STACKS	B

- GENERAL NOTES:
- A. MANUFACTURER TO PROVIDE PROJECT SPECIFIC SHOP DRAWINGS SHOWING EXACT MOUNTING, FINISH, LENGTH, SHAPE AND LAMPING OF LUMINAIRE. VERIFY CEILING CONDITIONS AND COORDINATE LIGHT FIXTURE MOUNTING HARDWARE AND TRIMS NEEDED TO SUIT CEILING CONDITIONS PRIOR TO ORDERING.
- B. VERIFY FINISH AND COLOR WITH ARCHITECT PRIOR TO PLACING ORDER.

CONSTRUCTION NOTES

ADD-ALT #2 DESCRIPTION

THIS PROJECT REQUIRES THE CONTRACTOR TO PROVIDE SEPARATE PRICING FOR ALTERNATES INDICATED IN THESE DRAWINGS. UNLESS OTHERWISE NOTED, ALL OTHER WORK SHALL BE INCLUDED AS PART OF THE BASE BID; ALL FIXTURES AND ASSOCIATED CONDUIT, WIRE, LABOR, AND OTHER MATERIALS IDENTIFIED ON SHEET "E203 LIGHTING PLANS - ADD ALT #2" SHALL BE PRICED AS PART OF ADD-ALTERNATE #2.

GENERAL ELECTRICAL NOTES

- THE TERM "PROVIDE" USED IN THE CONTRACT DOCUMENTS INDICATES TO FURNISH AND INSTALL MATERIALS EQUIRED FOR CORRECT INSTALLATION OF A COMPLETE SYSTEM, UNLESS SPECIFICALLY NOTED OTHERWISE.
- UNLESS NOTED AS EXISTING, ALL LIGHTING AND ELECTRICAL INDICATED ON THE CONTRACT DOCUMENTS SHALL BE NEW, SHALL BE UL LISTED AND SHALL BEAR A UL LABEL..
- THE LIGHTING PORTION OF THE CONTRACT DOCUMENTS ARE COORDINATED WITH THE DESIGN BASIS EQUIPMENT SPECIFIED BY DIVISION 26 AND OTHER DIVISIONS. WHERE THE CONTRACTOR ELECTS TO SUBSTITUTE A PRODUCT IN LIEU OF PROVIDING THE DESIGN BASIS, AND SAID SUBSTITUTION IS ACCEPTED BY THE DESIGN TEAM AND OWNER, THE CONTRACTOR SHALL MAKE ALL CORRECTIONS TO THE LIGHTING ELECTRICAL SYSTEM NECESSARY IN ORDER TO ENSURE A COMPLETE AND OPERATIONAL INSTALLATION OF THE EQUIPMENT AT NO ADDITIONAL COST. WHERE THE CONTRACTOR'S DESIGN SUBSTITUTION RESULTS IN THE NEED FOR THE ENGINEER TO REVISE THE CONTRACT DOCUMENTS, THE ENGINEER RESERVES THE RIGHT TO REQUEST COMPENSATION FROM THE CONTRACTOR FOR SAID SERVICES.
- THE DRAWINGS AND APPLICABLE SPECIFICATION SECTIONS ARE CONSIDERED CONTRACT DOCUMENTS. ALL WORKMANSHIP, METHODS, AND/OR MATERIALS DESCRIBED OR IMPLIED BY ONE AND NOT DESCRIBED OR IMPLIED BY THE OTHER, SHALL BE PROVIDED, FURNISHED, OR PERFORMED AS IF IT HAD APPEARED IN BOTH SECTIONS. THE TERM "CONTRACT DOCUMENTS" DESCRIBED HEREIN IS NOT LIMITED SOLELY TO THE LIGHTING/ELECTRICAL PORTION OF THE DRAWINGS AND SPECIFICATIONS, BUT ENCOMPASSES THE DRAWINGS AND SPECIFICATIONS OF ALL DIVISIONS AS A WHOLE.
- THE CONTRACTOR SHALL PROVIDE A COMPLETE INSTALLATION IN ACCORDANCE WITH THE LATEST ADOPTED VERSION OF THE NATIONAL ELECTRICAL CODE (NEC), INCLUDING THE INTERNATIONAL ENERGY CONSERVATION CODE (IECC), ADOPTED LOCAL AMENDMENTS AND STATE CODES, AND REQUIREMENTS OF THE AHJ.
- FIELD VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS WITH OTHER TRADE CONTRACTORS PRIOR TO ORDERING RELATED ELECTRICAL EQUIPMENT.
- INDIVIDUAL AND SYSTEM GROUNDS SHALL BE INSTALLED ON ALL CIRCUITS. GROUNDING SHALL COMPLY WITH THE LATEST REVISION OF THE NEC.
- THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION ROUTING AROUND EXISTING UTILITIES AS REQUIRED TO AVOID DAMAGE. THE CONTRACTOR SHALL VERIFY LOCATION OF EXISTING PIPE LINES, CONDUITS, STRUCTURES AND ELEC/DATA LINES PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING REQUIRED PERMITS, PAYMENTS OF ALL FEES AND AS OTHERWISE REQUIRED TO COMPLY WITH ALL APPLICABLE REGULATIONS GOVERNING THE WORK.
- CONTRACTOR SHALL FIELD CHECK ALL DIMENSIONS, COORDINATES AND ELEVATIONS BEFORE PROCEEDING WITH NEW WORK. NOTIFY THE ENGINEER OF ANY DISCREPANCIES IMMEDIATELY. NO NEW CONSTRUCTION SHOULD BE PERFORMED BY 'SCALING' FROM THESE PLANS.
- COORDINATE LOCATION(S) OF NEW SWITCHES WITH THE OWNER. RE: ENGINEERING DRAWINGS.
- CONCEAL ALL NEW CIRCUITING WHERE POSSIBLE. CONTRACTOR SHALL PROVIDE SHOP DRAWING SUBMITTAL WITH PROPOSED ROUTING AND CONCEALMENT SOLUTIONS, INCLUDING BUT NOT LIMITED TO CONDUIT SIZES, ELEVATIONS, PENETRATIONS THOUGH WALLS, CEILINGS, OR FLOORS. CONTRACTOR SHALL INDICATE AND PROVIDE WIREMOLD IF EXPOSED CONDUIT WILL BE REQUIRED TO MAINTAIN HISTORICAL INTEGRITY OF THE BUILDING. CONTRACTOR SHALL NOT PROCEED UNTIL SHOP DRAWINGS HAVE BEEN APPROVED BY THE ARCHITECT AND LIGHTING DESIGNER. RE: ENGINEERING DRAWINGS.
- EXISTING CIRCUITING MAY BE RE-USED WHERE POSSIBLE.
- CONTRACTOR SHALL PROVIDE AND COORDINATE TIME ON-SITE TO FOCUS, AIM, AND ADJUST LIGHT FIXTURES WITH THE LIGHTING DESIGNER. CONTRACTOR SHALL PROVIDE ALL LIFTS, OPERATORS, AND MATERIALS REQUIRED TO ACCESS AND ADJUST LIGHT FIXTURES.
- IT IS THE INTENT THAT ALL DEVICE JUNCTION BOXES (LIGHTING SYSTEMS) BE FLUSH MOUNTED IN WALLS OR CEILINGS OR CONCEALED ABOVE ACCESSIBLE CEILING. AND NOT SURFACE MOUNTED, UNLESS SPECIFICALLY NOTED ON THE CONTRACT DRAWINGS, OR UNLESS DESIGN TEAM GRANTS WRITTEN PERMISSION.
- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS & PROPORTIONS ASSOCIATED WITH LIGHTING LAYOUTS. AESTHETICS AND ILLUMINATION PERFORMANCE SHALL BE CONSIDERED PRIOR TO SHIFTING OR REVISING LUMINAIRE MOUNTING LOCATION DUE TO FIELD CONDITIONS. REFER TO DESIGN TEAM, FOR APPROVAL PRIOR TO MODIFYING LAYOUTS.
- CONTRACTOR TO FIELD VERIFY CEILING DIMENSIONS AND CONDITIONS PRIOR TO INSTALLATION OF LUMINAIRES TO IDENTIFY POTENTIAL MOUNTING CONFLICTS. IF QUESTIONS, CONTACT ARCHITECT TO CONFIRM MOUNTING LOCATION.
- REFER TO LIGHT FIXTURE SCHEDULE FOR FIXTURE TYPES, DESCRIPTIONS, CATALOG NUMBER, FINISHES, CONTROL PROTOCOL, AND ADDITIONAL INFORMATION PERTINENT TO THE LIGHT FIXTURE OR INSTALLATION THEREOF.

SHEET INDEX

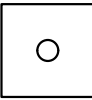
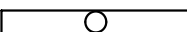
E201 LIGHTING GENERAL NOTES AND SCHEDULES
E202 LIGHTING PLANS
E203 LIGHTING PLANS - ADD ALT #2
E204 LIGHTING PLANS
E205 LIGHTING DETAILS

ABBREVIATIONS

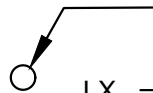
A	AMPERES	PNL	PANEL
AFF	ABOVE FINISHED FLOOR	PNLBD	PANELBOARD
AFG	ABOVE FINISHED GRADE	PROVIDE	FURNISH AND INSTALL
AIC	AMPERE INTERRUPTING CURRENT	PT	PHOTOCELL ON/TIMECLOCK OFF
AHJ	AUTHORITY HAVING JURISDICTION	QTY	QUANTITY
AWG	AMERICAN WIRE GAUGE	REV	REVISION
BKR	BREAKER	TYP	TYPICAL
C	CONDUIT	U/G	UNDERGROUND
CKT	CIRCUIT	UL	UNDERWRITERS LABORATORIES, INC.
DN	DOWN	UNO	UNLESS NOTED OTHERWISE
EC	ELECTRICAL CONTRACTOR	V	VOLT(S)
ETR	EXISTING TO REMAIN	W	WIRE
FLA	FULL LOAD AMPS	W/	WITH
GC	GENERAL CONTRACTOR	W/O	WITHOUT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	WP	WEATHERPROOF
		XL	EXISTING TO BE RELOCATED
G, GND	GROUND	XN	NEW LOCATION OF EXISTING
JB, J-BOX	JUNCTION BOX	XR	EXISTING TO BE REMOVED
kVA	KILOVOLT-AMPS		
kW	KILOWATT		
LF	LINEAR FEET		
MAX	MAXIMUM		
MFR	MANUFACTURER		
MIN	MINIMUM		
N/A	NOT APPLICABLE		
OC	ON CENTER		
PH, Ø	PHASE		

LEGEND

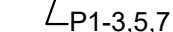
LIGHTING

-  LD1 AND LD2 LIBRARY STACK FIXTURES
-  LP1 LAY LIGHTS
-  LC1 AND LC2 PERIMETER COVE

LIGHTING CONTROL ANNOTATION

-  PROPOSED LIGHT FIXTURE
-  LX  FIXTURE TYPE/TAG

LIGHTING CONTROL ANNOTATION

-  HOMERUN TO PANELBOARD, ARROWS INDICATE NUMBER OF CIRCUITS, HASH MARKS INDICATE NUMBER OF CONDUCTORS, INFORMATION AT ARROWS ARE CIRCUIT NUMBERS AND PANELBOARD.
-  LP1-3,5,7

-  CONDUIT CONCEALED

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FACILITY # 3101001056

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DRAWN BY: MH
CHECKED BY: KV
DESIGNED BY: LIGHTWORKS

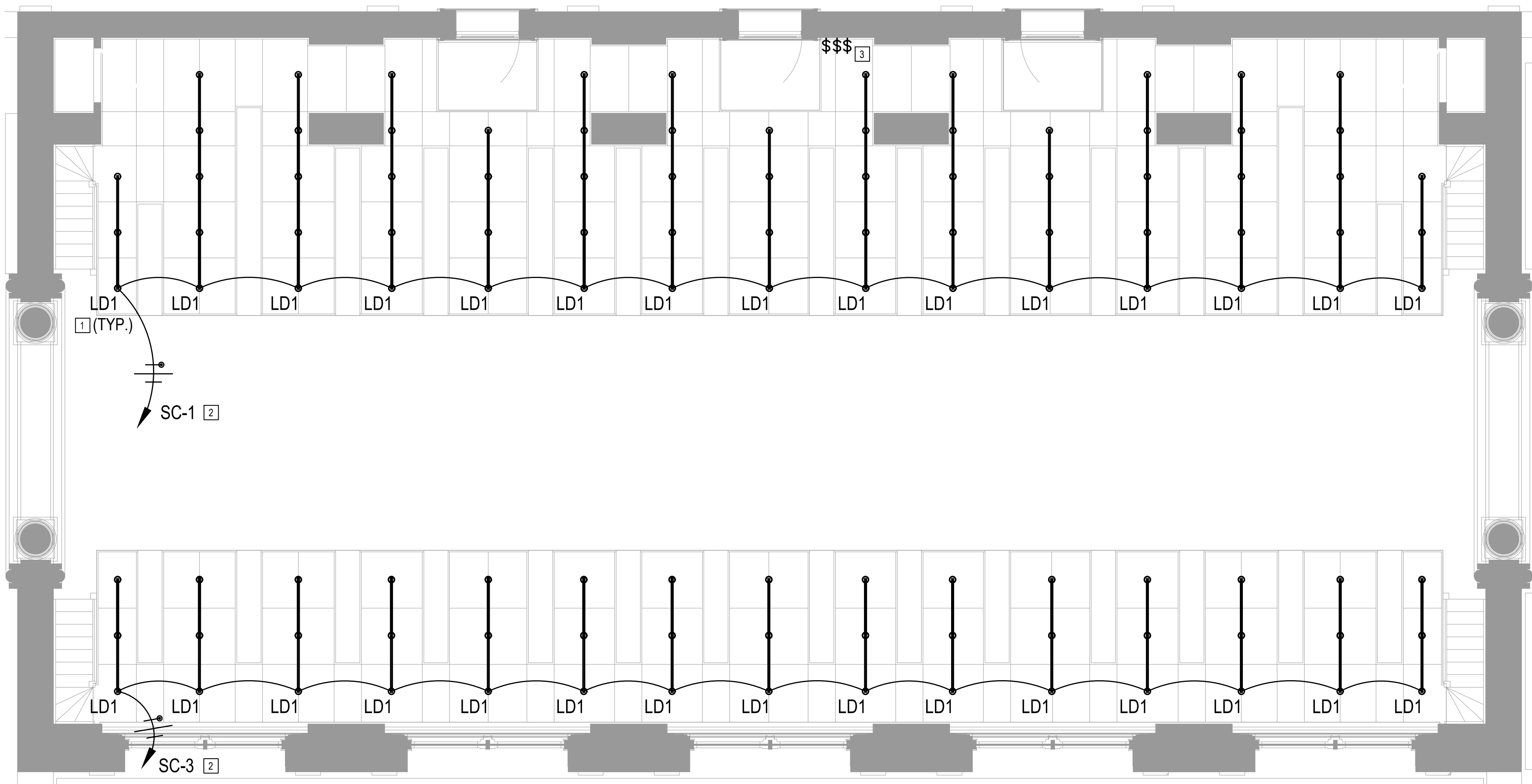
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LIGHTING
GENERAL NOTES
AND SCHEDULES

SHEET NUMBER:

E201

21 OF 25 SHEETS
JULY 29, 2026



1 2ND FLOOR LIBRARY LIGHTING PLAN

0 4 8 SCALE: 1/4" = 1'-0"

GENERAL NOTES

A. REFER TO ELECTRICAL PLANS FOR PANELBOARD SCHEDULE INFORMATION, CONDUCTOR SIZES, AND OTHER REQUIREMENTS.

KEY NOTES

- 1 REFER TO DETAIL 2 / SHEET E205 FOR MOUNTING LOCATION AND INFORMATION.
- 2 CONTROLLED VIA LIGHTING CONTACTOR C3. REFER TO DETAIL 5 / SHEET E205.
- 3 GANGED BACK BOX FOR SWITCHES. REFER TO DETAIL 5 / SHEET E205.

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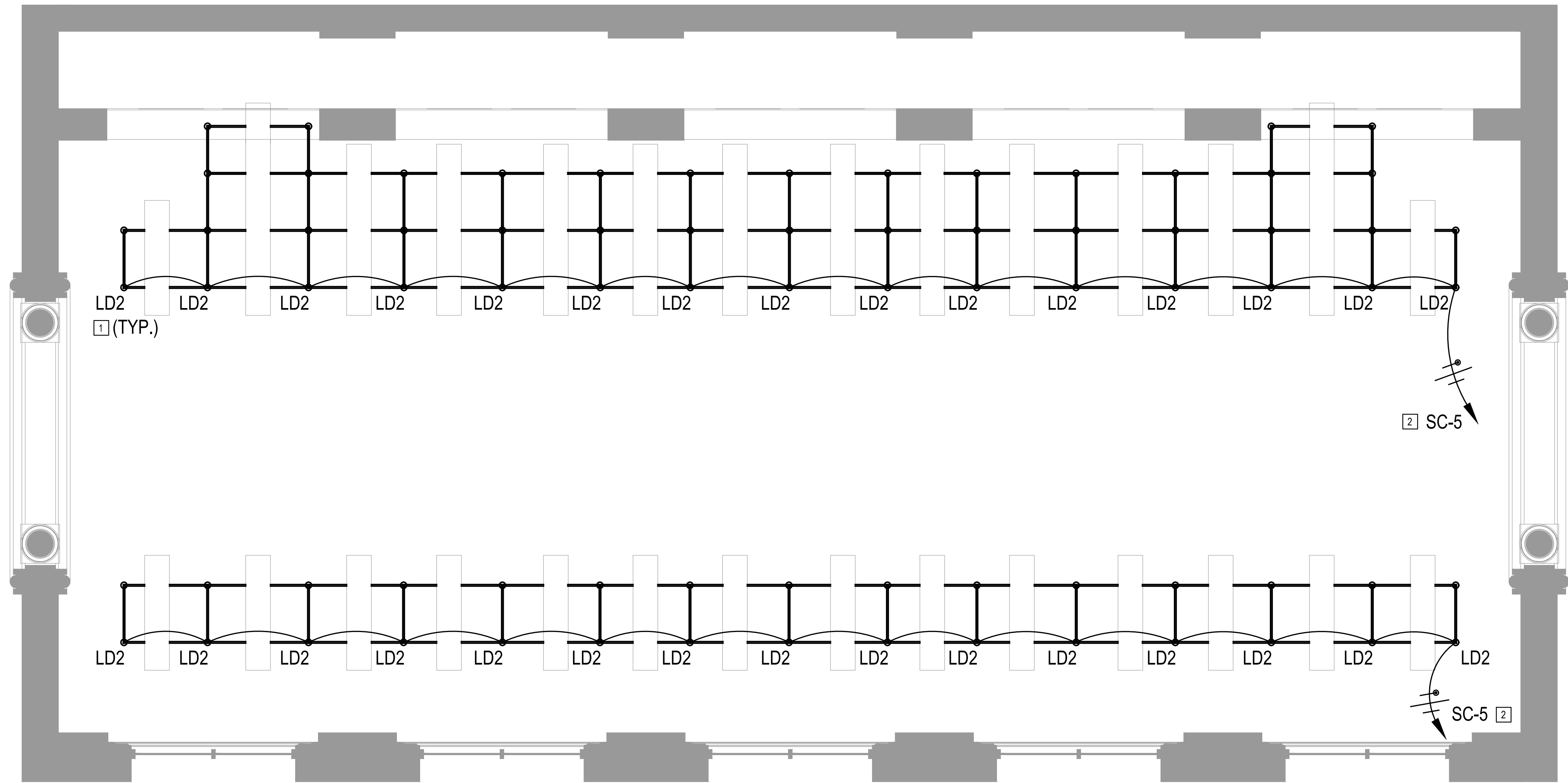
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CHECKED BY: KV
DESIGNED BY: LIGHTWORKS

SHEET TITLE:
LIGHTING PLANS

SHEET NUMBER:

E202

22 OF 25 SHEETS
JULY 29, 2026



1 2ND FLOOR MEZZANINE LIBRARY LIGHTING PLAN

0 4 8 SCALE: 1/4" = 1'-0"

GENERAL NOTES

A. REFER TO ELECTRICAL PLANS FOR PANELBOARD SCHEDULE INFORMATION, CONDUCTOR SIZES, AND OTHER REQUIREMENTS.

KEY NOTES

- 1 REFER TO DETAIL 3 / SHEET E205 FOR MOUNTING LOCATION AND INFORMATION.
- 2 CONTROLLED VIA LIGHTING CONTACTOR C3. REFER TO DETAIL 5 / SHEET E205.

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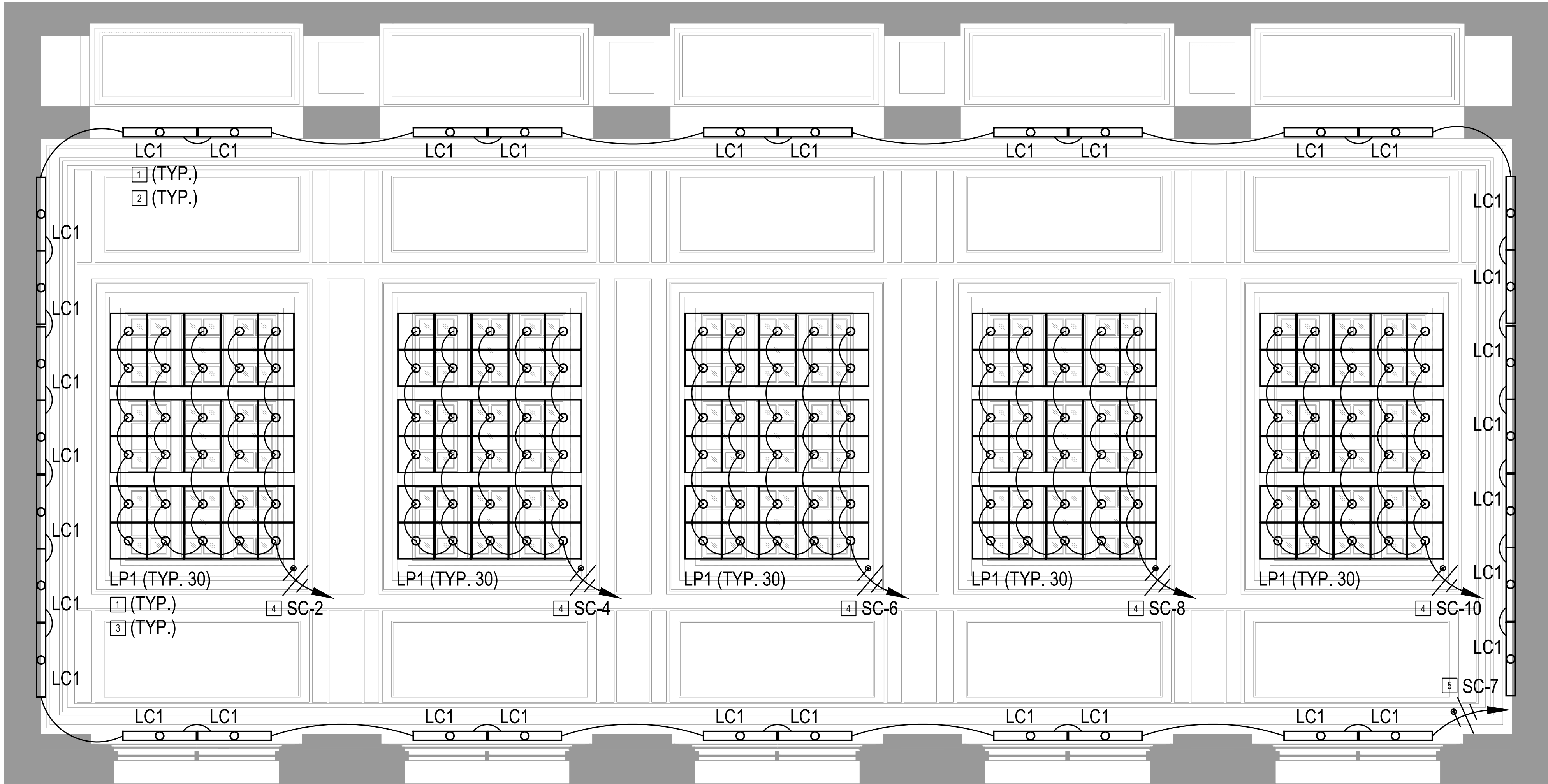
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DESIGNED BY: LIGHTWORKS

SHEET TITLE:
LIGHTING PLANS
- ADD ALT #2

SHEET NUMBER:

E203

23 OF 25 SHEETS
JULY 29, 2026



1 3RD FLOOR LIBRARY LIGHTING PLAN

0 6 12 SCALE: 1/4" = 1'-0"

GENERAL NOTES

A. REFER TO ELECTRICAL PLANS FOR PANELBOARD SCHEDULE INFORMATION, CONDUCTOR SIZES, AND OTHER REQUIREMENTS.

KEY NOTES

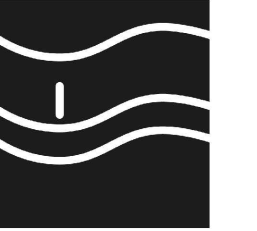
- 1 FIXTURES SHALL BE PROVIDED BY OWNER. CONTRACTOR IS RESPONSIBLE FOR COORDINATING RETRIEVAL OF FIXTURES FROM OWNER.
- 2 REFER TO DETAIL 1 / SHEET E205 FOR MOUNTING LOCATION AND INFORMATION.
- 3 REFER TO DETAIL 4 / SHEET E205 FOR MOUNTING LOCATION AND INFORMATION.
- 4 CONTROLLED VIA LIGHTING CONTACTOR C5. REFER TO DETAIL 5 / SHEET E205.
- 5 CONTROLLED VIA WALL SWITCH. REFER TO DETAIL 5 / SHEET E205.

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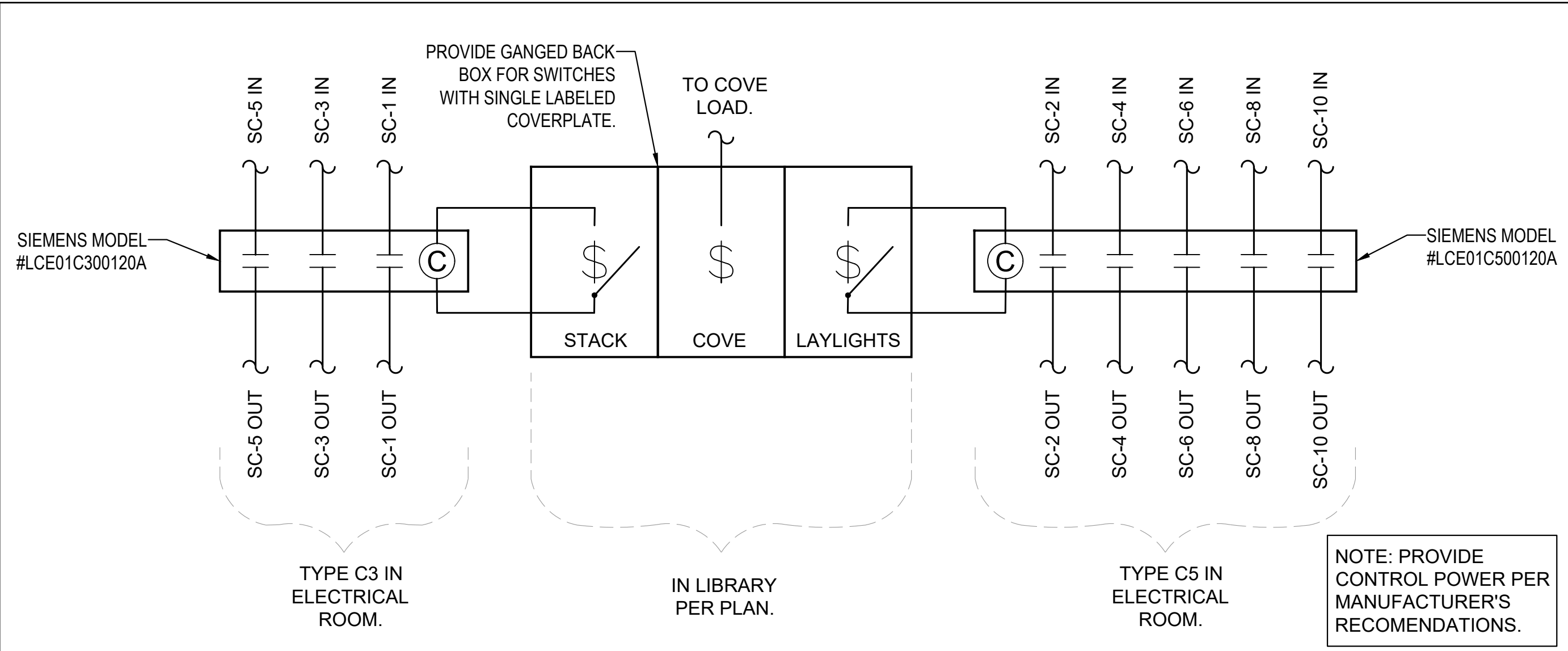
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LIGHTING PLANS

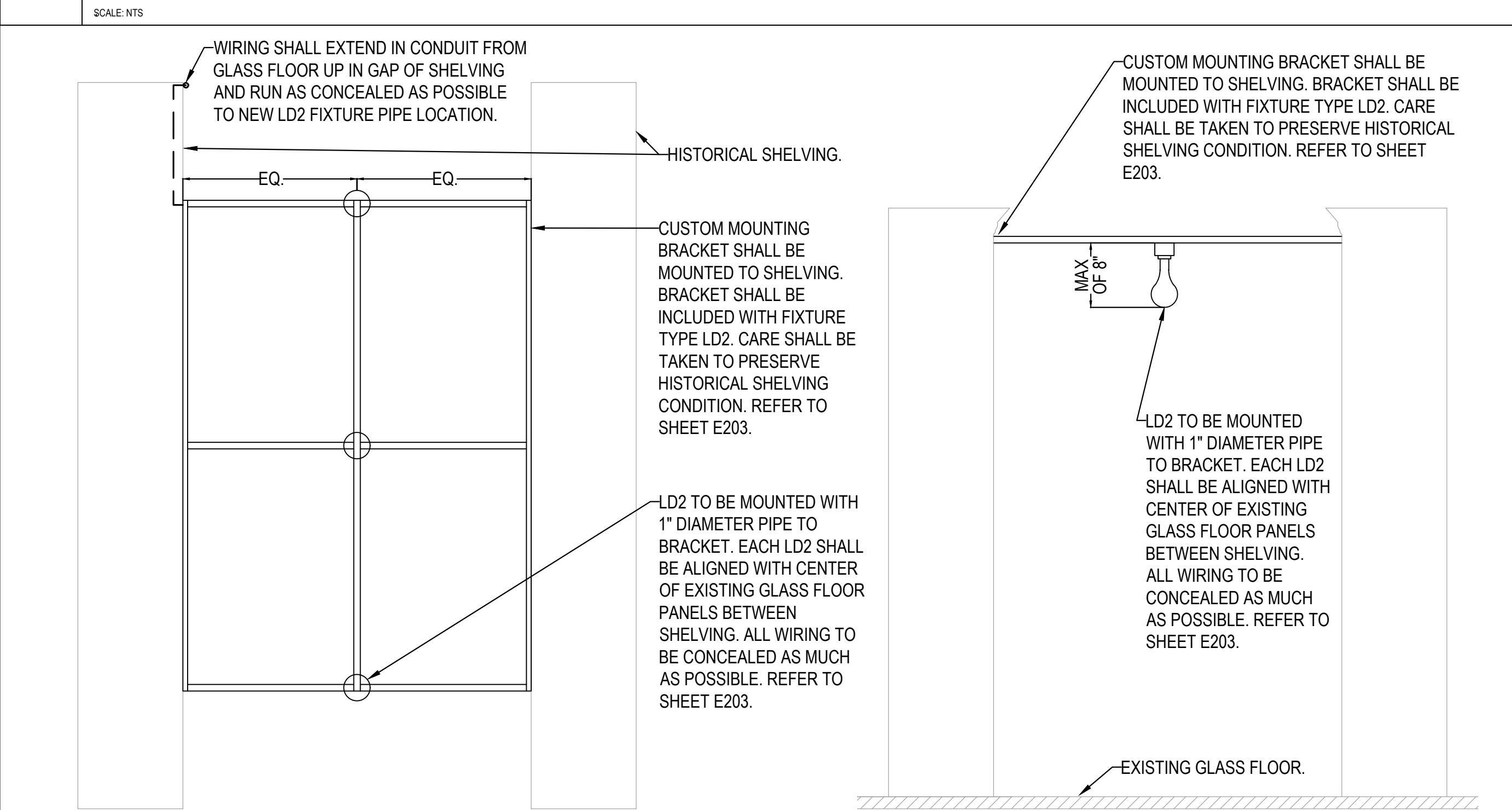
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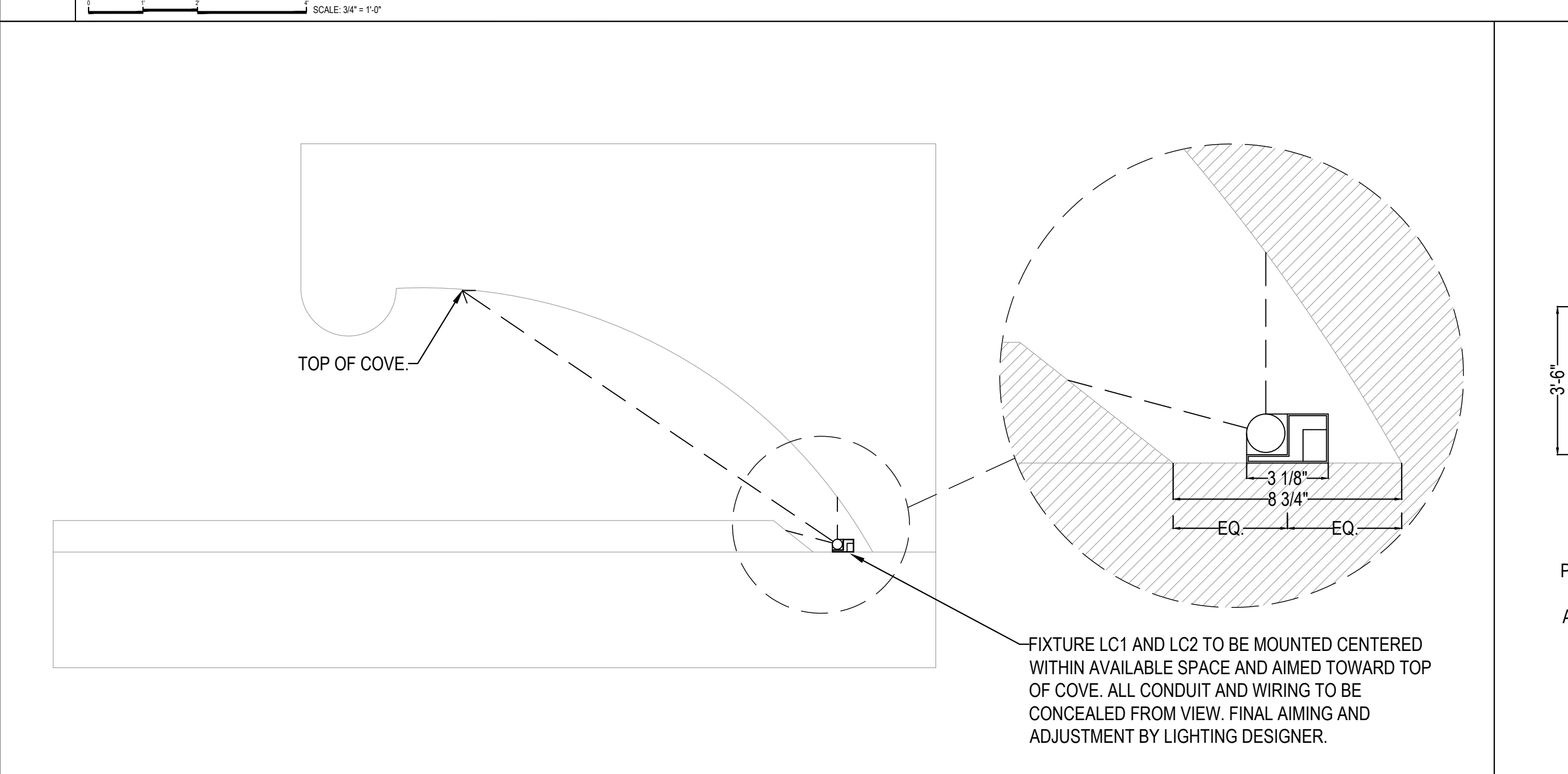
24 OF 25 SHEETS
JULY 29, 2026



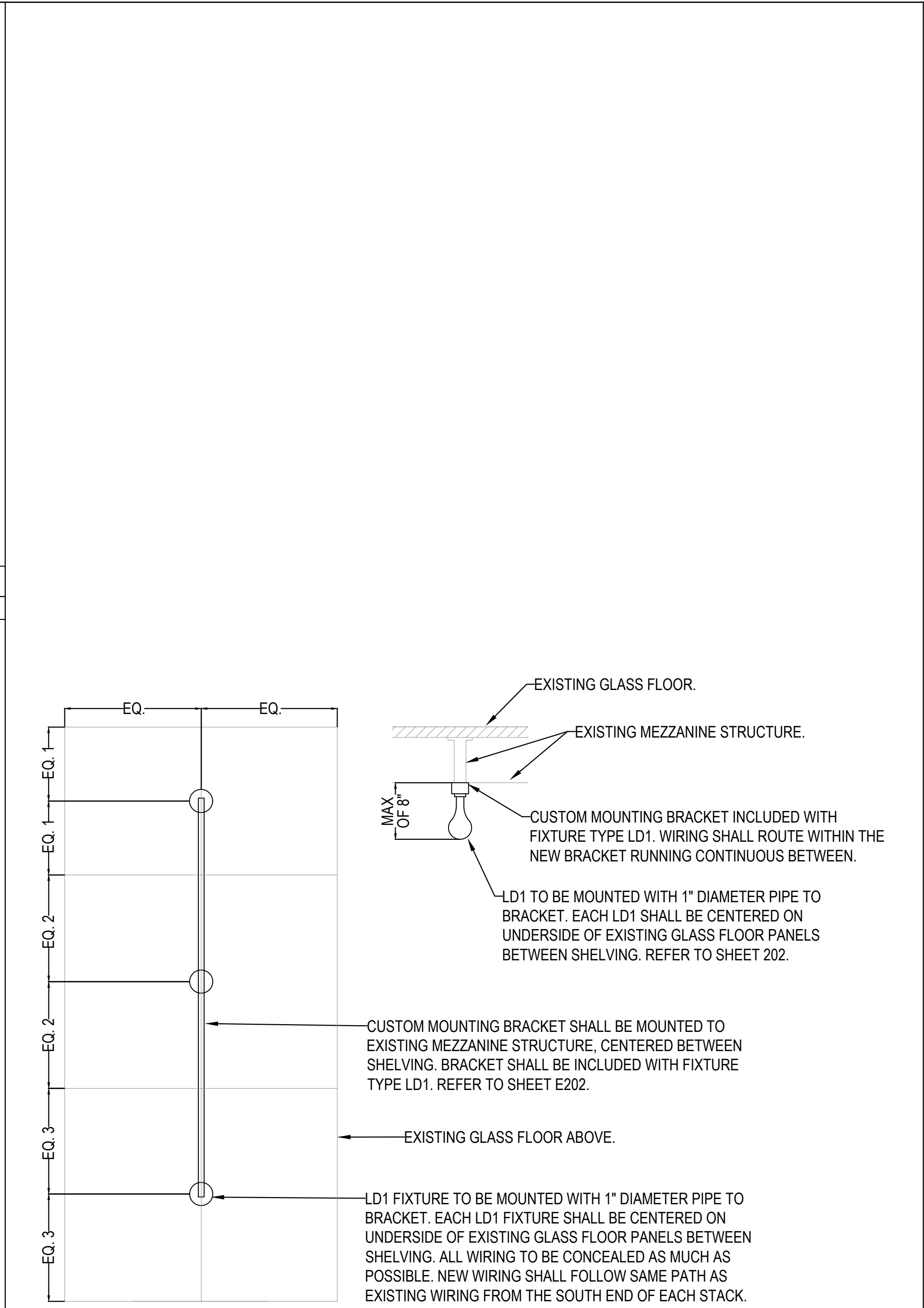
5 SWITCH CONTACTOR WIRING DIAGRAM



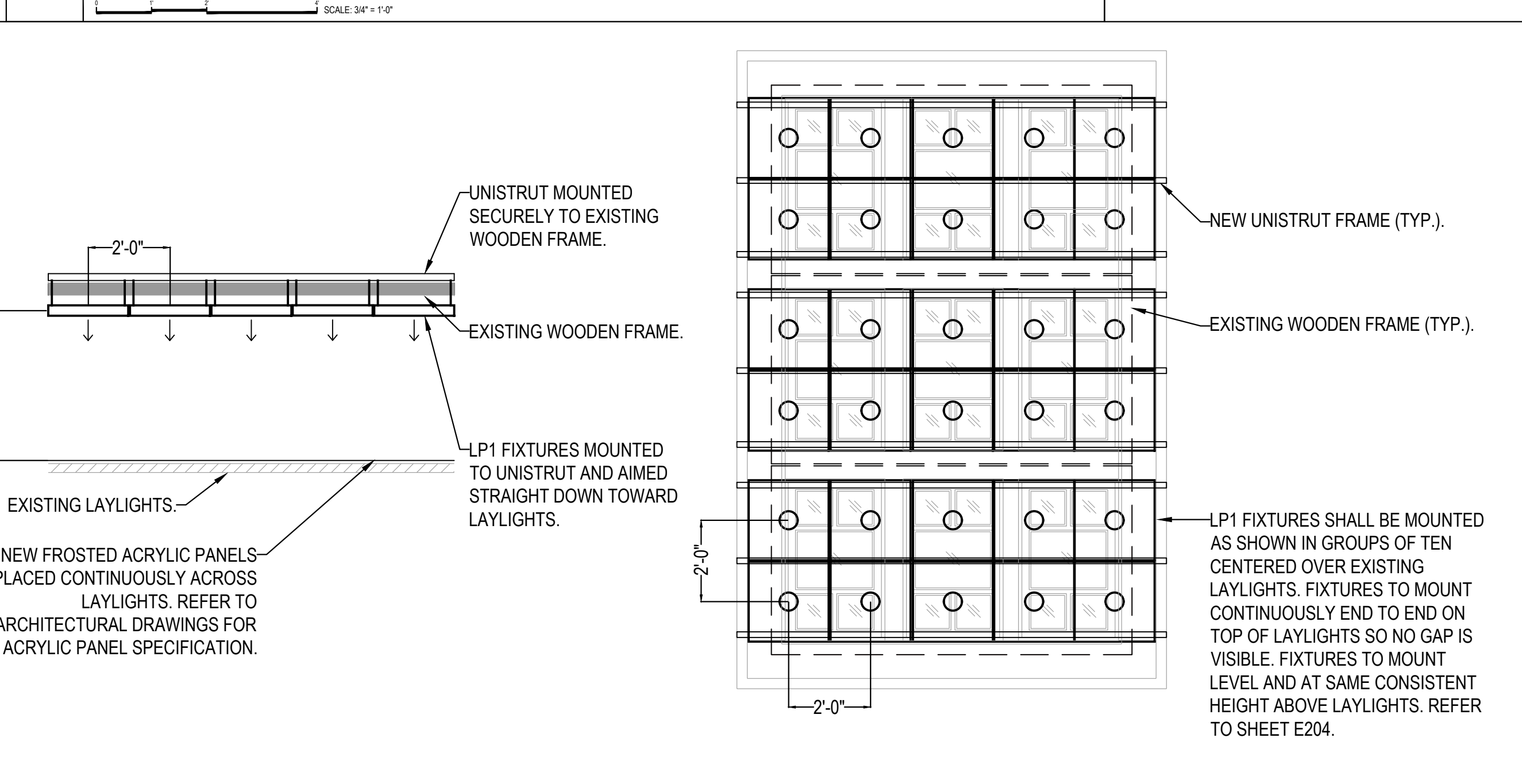
3 LD2 DETAIL - ADD ALT #2



1 LC1 DETAIL



2 LD1 DETAIL



4 LP1 DETAIL

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CAD DWG FILE: _____
DRAWN BY: MH
CHECKED BY: KV
DESIGNED BY: LIGHTWORKS

SHEET TITLE:
LIGHTING
DETAILS

SHEET NUMBER:
E205
25 OF 25 SHEETS
JULY 29, 2026