STAINED GLASS LAYLIGHT RESTORATION AND REPAIRS
MISSOURI STATE CAPITOL
JEFFERSON CITY, MISSOURI

CONSTRUCTION DOCUMENTS

4/20/2022

ARCHITECT:

STRATA
ARCHITECTURE + PRESERVATION
— 1701 Oak Street, Suite 100 Kansas City, Missouri 64108 —
816.474.0900 — www.strata-arch.com

STAINED GLASS CONSULTANT:

Julie L. Sloan, LLC
Consultants in Stained Glass
3003 Wilmington Road, Lake Placid, NY 12946
(413) 446-4700

STRUCTURAL ENGINEER:

BOB D. CAMPBELL & CO.
Structural Engineers Since 1957
4338 Belleview
Kansas City, Missouri 64111
816.531.4144

OWNER: STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

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

DESIGNERS: STRATA ARCHITECTURE INC.
JULIE L. SLOAN LLC.
BOB D. CAMPBELL & CO.

PROJECT NUMBER: O2040-02
ASSET NUMBER: 3101001040 - CAPITOL BUILDING

SHEET NUMBER:
G001
1 OF 21 SHEETS
APRIL 20, 2022

CODE REVIEW:

THE MISSOURI STATE CAPITOL IS A HISTORIC GOVERNMENT STRUCTURE LOCATED IN JEFFERSON CITY, MISSOURI. THE BUILDING WAS CONSTRUCTED BETWEEN 1913 AND 1917. THE EXISTING STRUCTURE HAS FIVE (5)-STORIES AND ONE (1) BASEMENT LEVEL AND HAS APPROXIMATELY 500,000 SQUARE FEET OF TOTAL FLOOR SPACE.

APPLICABLE CODES
2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL EXISTING BUILDING CODE
2018 INTERNATIONAL FIRE CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL CODE COUNCIL PLUMBING CODE (UNIFORM PLUMBING CODE)
2017 INTERNATIONAL CODE COUNCIL ELECTRICAL CODE (NATIONAL ELECTRICAL CODE)
2018 INTERNATIONAL ENERGY CONSERVATION CODE
2010 ADA/ADAAG

PROJECT OVERVIEW:

BACKGROUND
THE CAPITOL IS LOCATED IN JEFFERSON CITY, MISSOURI. ORIGINAL CONSTRUCTION WAS COMPLETED IN 1917. THE CAPITOL IS LISTED IN THE NATIONAL REGISTER OF HISTORIC PLACES BOTH INDIVIDUALLY AND AS A CONTRIBUTING PROPERTY IN THE MISSOURI STATE CAPITOL HISTORIC DISTRICT.

SCOPE OF WORK
THE SCOPE OF WORK CONSISTS OF THE RESTORATION OF ONE (1) STAINED GLASS LAYLIGHT AND THE REPAIR OF TWO (2) WOOD LAYLIGHTS.

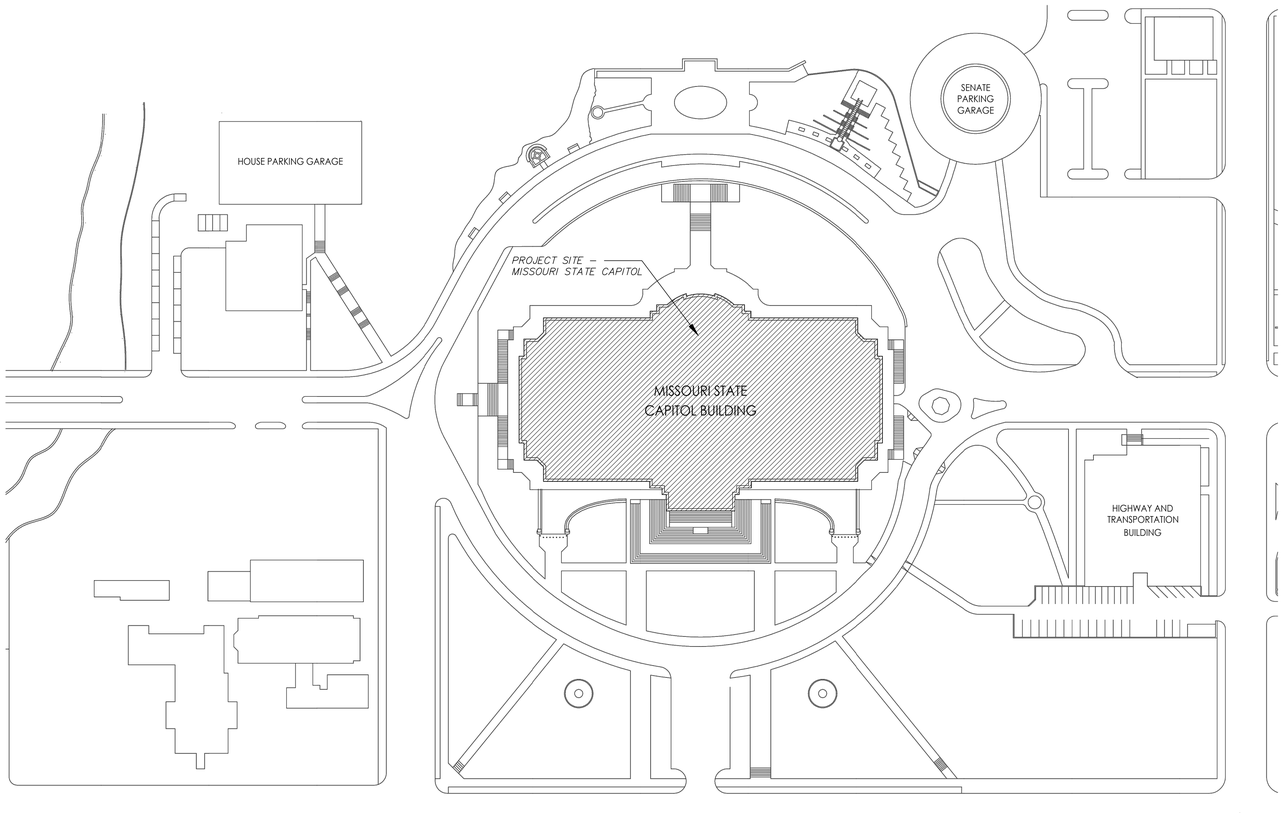
- **LAYLIGHT S1 (STAINED GLASS LAYLIGHT)**
  - **1. BASE BID**
    - 1.1. INSTALLATION OF SCAFFOLDING BELOW THE STAINED GLASS LAYLIGHT. DANCE FLOOR TO BE DRAPED.
    - 1.2. LABEL AND CAREFUL REMOVAL OF THE STAINED-GLASS PANELS.
    - 1.3. CRATE STAINED GLASS PANELS FOR TRANSPORTATION.
    - 1.4. INSTALLATION OF NEW 1/4" FROSTED PLASTIC GLAZING TEMPORARILY WITHIN THE EXISTING STAINED GLASS STEEL FRAME.
    - 1.5. REMOVAL OF SCAFFOLDING BELOW STAINED GLASS LAYLIGHT.
  - **2. ALTERNATE NO. 1**
    - 2.1. TRANSPORTATION OF CRATES WITH THE STAINED GLASS PANELS FROM THE PROJECT SITE TO THE STAINED GLASS STUDIO.
    - 2.2. RESTORATION AND CLEANING OF THE STAINED GLASS PANELS (OFF-SITE).
    - 2.3. CRATE RESTORED PANEL FOR TRANSPORTATION.
    - 2.4. STORAGE OF STAINED GLASS PANELS AT THE STAINED GLASS STUDIO OR OTHER SECURE LOCATION UNTIL MAY 2024.
    - 2.5. TRANSPORTATION OF THE CRATES WITH THE RESTORED STAINED GLASS PANELS FROM THE STAINED GLASS STUDIO TO THE PROJECT SITE.
  - **3. ALTERNATE NO. 2**
    - 3.1. INSTALLATION OF SCAFFOLDING BELOW THE STAINED GLASS LAYLIGHT. DANCE FLOOR TO BE DRAPED.
    - 3.2. REMOVAL OF THE TEMPORARY PLASTIC GLAZING FROM THE STAINED GLASS LAYLIGHT STEEL FRAME.
    - 3.3. RESTORATION AND REPAIR OF THE STAINED GLASS STEEL STRUCTURE. AS REQUIRED.
    - 3.4. REINSTALLATION OF STAINED GLASS PANELS AFTER THE PANELS ARE RESTORED AND STEEL STRUCTURE REPAIRED.
    - 3.5. INSTALLATION OF A NEW SUPPORT SYSTEM OF SADDLE BARS.
    - 3.6. RESTORATION AND REPAIR OF THE ORNAMENTAL PLASTER FRAME. PREP, PRIME, AND PAINT PLASTER.
    - 3.7. RESTORATION AND REPAIR OF THE PLASTER IN THE LIGHTWELL. PREP, PRIME, AND PAINT PLASTER WALL.
    - 3.8. CLEAN THE ENTIRE LIGHTWELL.
    - 3.9. REMOVAL OF SCAFFOLDING BELOW THE STAINED GLASS LAYLIGHT.

- **LAYLIGHT S4 (ALTERNATE NO. 3)**
  1. RESTORATION AND REPAIR OF THE WOOD LAYLIGHT FRAME.
  2. PREP, PRIME, AND PAINT THE WOOD LAYLIGHT FRAME AND STEEL STRUCTURE AT BOTH TOP AND BOTTOM SIDES.
  3. INSTALLATION OF NEW ¼" PLASTIC GLAZING OVER THE TOP OF THE LAYLIGHT TO PROTECT THE GLAZING.
  4. REPAIR OF THE STEEL STRUCTURE, AS REQUIRED.
  5. CLEAN BOTH SIDES OF THE LAYLIGHT.
  6. RESTORATION AND REPAIR OF THE PLASTER CEILING IMMEDIATELY SURROUNDING THE LAYLIGHT. PREP, PRIME, AND PAINT PLASTER.
  7. RESTORATION AND REPAIR OF THE PLASTER IN THE LIGHTWELL. PREP, PRIME, AND PAINT PLASTER WALL.
  8. CLEAN THE ENTIRE LIGHTWELL.

- **LAYLIGHT S5 (ALTERNATE NO. 4)**
  1. RESTORATION AND REPAIR OF THE WOOD LAYLIGHT FRAME.
  2. PREP, PRIME, AND PAINT THE WOOD LAYLIGHT FRAME AND STEEL STRUCTURE AT BOTH TOP AND BOTTOM SIDES.
  3. INSTALLATION OF NEW ¼" PLASTIC GLAZING OVER THE TOP OF THE LAYLIGHT TO PROTECT THE GLAZING.
  4. REPAIR OF THE STEEL STRUCTURE, AS REQUIRED.
  5. CLEAN BOTH SIDES OF THE LAYLIGHT.
  6. RESTORATION AND REPAIR OF THE PLASTER CEILING IMMEDIATELY SURROUNDING THE LAYLIGHT. PREP, PRIME, AND PAINT PLASTER.
  7. RESTORATION AND REPAIR OF THE PLASTER IN THE LIGHTWELL. PREP, PRIME, AND PAINT PLASTER WALL.
  8. CLEAN THE ENTIRE LIGHTWELL.

BASE BID AND ALTERNATES:

REFERENCE SHEET G003 FOR BASE BID SCOPE OF WORK AND THE SCOPE OF WORK FOR ALTERNATES NO. 1 THROUGH NO. 4.



1 SITE PLAN

Scale: N.T.S

NORTH

HISTORIC TREATMENT:

A. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE TEMPORARY PROTECTION OF THE HISTORIC AND EXISTING BUILDING FABRIC FROM DAMAGE OR WEAR THROUGHOUT THE PROJECT CONSTRUCTION.

B. ALL SURFACES AND MATERIALS ARE TO BE TREATED AS ORIGINAL HISTORIC FABRIC. THESE MATERIALS ARE TO BE PROTECTED THROUGHOUT CONSTRUCTION AND ARE NOT TO BE DISTURBED OR REMOVED UNLESS AUTHORIZED BY THE OWNER OR THE ARCHITECT, OR AS RELATED TO A SPECIFIC SCHEDULED AREA OF REHABILITATION. IF HISTORIC FABRIC IS REMOVED OR DAMAGED, IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO REPLACE SAID DAMAGE TO LIKE OR BETTER CONDITION AT NO COST TO THE OWNER.

C. ALL WORK PERFORMED SHALL BE DONE IN ACCORDANCE WITH SPECIFICATION SECTION 013591 HISTORIC TREATMENT PROCEDURES AND THE SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES STANDARDS FOR PRESERVATION:

1. A PROPERTY WILL BE USED AS IT WAS HISTORICALLY, OR BE GIVEN A NEW USE THAT MAXIMIZES THE RETENTION OF DISTINCTIVE MATERIALS, FEATURES, SPACES, AND SPATIAL RELATIONSHIPS. WHERE A TREATMENT AND USE HAVE NOT BEEN IDENTIFIED, A PROPERTY WILL BE PROTECTED AND, IF NECESSARY, STABILIZED UNTIL ADDITIONAL WORK MAY BE UNDERTAKEN.
2. THE HISTORIC CHARACTER OF A PROPERTY WILL BE RETAINED AND PRESERVED. THE REPLACEMENT OF INTACT OR REPAIRABLE HISTORIC MATERIALS OR ALTERATION OF FEATURES, SPACES, AND SPATIAL RELATIONSHIPS THAT CHARACTERIZE A PROPERTY WILL BE AVOIDED.
3. EACH PROPERTY WILL BE RECOGNIZED AS A PHYSICAL RECORD OF ITS TIME, PLACE, AND USE. WORK NEEDED TO STABILIZE, CONSOLIDATE, AND CONSERVE EXISTING HISTORIC MATERIALS AND FEATURES WILL BE PHYSICALLY AND VISUALLY COMPATIBLE, IDENTIFIABLE UPON CLOSE INSPECTION, AND PROPERLY DOCUMENTED FOR FUTURE RESEARCH.
4. CHANGES TO A PROPERTY THAT HAVE ACQUIRED HISTORIC SIGNIFICANCE IN THEIR OWN RIGHT WILL BE RETAINED AND PRESERVED.
5. DISTINCTIVE MATERIALS, FEATURES, FINISHES, AND CONSTRUCTION TECHNIQUES OR EXAMPLES OF CRAFTSMANSHIP THAT CHARACTERIZE A PROPERTY WILL BE PRESERVED.
6. THE EXISTING CONDITION OF HISTORIC FEATURES WILL BE EVALUATED TO DETERMINE THE APPROPRIATE LEVEL OF INTERVENTION NEEDED. WHERE THE SEVERITY OF DETERIORATION REQUIRES REPAIR OR LIMITED REPLACEMENT OF A DISTINCTIVE FEATURE, THE NEW MATERIAL WILL MATCH THE OLD IN COMPOSITION, DESIGN, COLOR, AND TEXTURE.
7. CHEMICAL OR PHYSICAL TREATMENTS, IF APPROPRIATE, WILL BE UNDERTAKEN USING THE GENTLEST MEANS POSSIBLE. TREATMENTS THAT CAUSE DAMAGE TO HISTORIC MATERIALS WILL NOT BE USED.

REHABILITATION NOTES:

A. SMOKING IS NOT PERMITTED IN ANY INTERIOR SPACES WITHIN THE PROJECT AREA OR BUILDING.

B. DO NOT SCALE FROM THE DRAWINGS.

C. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE CONSTRUCTION AREA BEFORE AND AFTER EACH WORK DAY.

D. ALL DIMENSIONS ARE APPROXIMATE. ACTUAL FIELD-VERIFIED DIMENSIONS SHALL BE OBTAINED BY THE GENERAL CONTRACTOR AND THE SUB-CONTRACTORS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORK. FIELD CONDITIONS THAT DIFFER FROM THOSE INDICATED ON THE CONSTRUCTION DOCUMENTS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AT THE TIME OF THEIR FINDING AND PRIOR TO THE COMMENCEMENT OF ANY RELATED WORK.

E. THE BUILDING AND SITE ADJACENT TO THE PROJECT WILL BE OCCUPIED DURING CONSTRUCTION BY THE OWNER AND VISITORS TO THE HISTORIC SITE. THE GENERAL CONTRACTOR SHALL PROVIDE A WORK SCHEDULE AND PHASING SCHEDULE DETAILING ANY ENTRANCE CLOSURES AND/OR INTERRUPTIONS DURING CONSTRUCTION. THE OWNER'S CONSTRUCTION REPRESENTATIVE SHALL REVIEW AND HAVE FINAL APPROVAL OF THE WORK AND PHASING SCHEDULES.

F. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW OF THE EXISTING BUILDING AND/OR SITE CONDITIONS AS THEY RELATE TO THE PROPOSED SCOPE OF WORK PRIOR TO THE COMMENCEMENT OF ANY WORK. DISCREPANCIES THAT ARE DISCOVERED BETWEEN THE CONTRACT DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AT THE TIME OF THEIR FINDING AND PRIOR TO THE COMMENCEMENT OF SAID WORK.

G. THE GENERAL CONTRACTOR SHALL REQUEST REVIEW AND APPROVAL FROM THE ARCHITECT FOR FINAL SELECTION OF ALL SPECIFIED MATERIALS (IN WRITING) BEFORE COMMENCING WITH ORDERING OF MATERIALS AND/OR INITIATING THE RELATED CONSTRUCTION.

H. REPAIR OR REPLACE ANY EXISTING MATERIALS SCHEDULED TO REMAIN WHICH ARE DAMAGED DURING CONSTRUCTION. REPLACEMENT MATERIAL SHALL MATCH THE ORIGINAL MATERIAL, IN KIND. PATCH AND REPAIR EXISTING CONSTRUCTION AS SPECIFIED, IN KIND, DUE TO DEMOLITION OR NEW CONSTRUCTION ACTIVITIES FOR A SEAMLESS APPEARANCE. REPAIRS OR REPLACEMENTS MUST MATCH THE EXISTING MATERIAL IN TEXTURE, PROFILE, DIMENSION, AND FINISH.

I. ALL MATERIALS PERMANENTLY REMOVED FROM THE BUILDING DURING REHABILITATION WORK ARE TO BE REVIEWED WITH THE OWNER PRIOR TO BEING DISPOSED OF. NO ARCHITECTURAL MATERIALS SHALL BE REMOVED FROM THE SITE, UNLESS OTHERWISE NOTED, WITHOUT APPROVAL OF THE OWNER.

J. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL BE LICENSED AND INSURED TO PERFORM WORK, AS REQUIRED BY THE LOCAL AND STATE AUTHORITIES.

K. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL CONSTRUCT IN CONFORMANCE WITH ALL CURRENT LOCAL, STATE, AND FEDERAL CODES, ORDINANCES, AND PROCEDURES.

L. THE GENERAL CONTRACTOR AND SUBCONTRACTORS ARE SOLELY RESPONSIBLE FOR THE CONSTRUCTION PROCESS, MATERIAL VERIFICATION, AND WORKER SAFETY. CONTRACTORS ARE TO INSTALL ALL MATERIALS PER MANUFACTURERS' CURRENT REQUIREMENTS, UL RATING REQUIREMENTS, SPECIFIC TRADE GUIDELINES, INDUSTRY STANDARDS, AND PER CURRENT BUILDING CODES.

M. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING AND BRACING AS REQUIRED FOR THE SCHEDULED WORK.

N. THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL MAKE NO STRUCTURAL CHANGES WITHOUT THE WRITTEN APPROVAL OF A STRUCTURAL ENGINEER.

O. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE ARCHITECTURAL AND STRUCTURAL WORK AND TO COORDINATE WITH ALL OTHER BUILDING TRADES THAT CORRELATE TO SUCH WORK IN ORDER TO ENSURE THAT THE WORK DESIGNATED IS COMPLETED ON SCHEDULE AND IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS.

P. DISTURBANCE OF ANY LEAD-BASED PAINT COATED SURFACE MUST BE PERFORMED BY WORKERS THAT ARE RENOVATION, REPAIR AND PAINTING PROGRAM (RRP) TRAINED AND WORK FOR AN EPA-CERTIFIED CONTRACTING COMPANY.

Q. ASBESTOS IS FREQUENTLY FOUND IN THE SETTING PUTTY OF HISTORIC STAINED GLASS WINDOWS. DUE TO THE CURRENT CONDITIONS AND HEIGHT RESTRICTIONS, HAZARDOUS MATERIAL TESTING COULD NOT BE COMPLETED PRIOR TO THE START OF THE PROJECT. HAZARDOUS MATERIAL TESTING SHALL BE COMPLETED BY THE OWNER AFTER THE INSTALLATION OF SCAFFOLDING AND THE REPORT BE PROVIDED TO THE CONTRACTOR.

LEGEND:

- ITEMS/ELEMENTS TO BE DEMOLISHED
- ITEMS/ELEMENTS TO REMAIN
- NEW ITEMS/ELEMENTS
- REVISION MARK
- 1 KEYED NOTE
- 1/A100 ELEVATION MARKS
- A100 SECTION MARKS
- A100 DETAIL REFERENCE MARK

SHEET INDEX:

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
— 1701 Oak Street, Suite 100 Kansas City, Missouri 64108 —
816.474.0900 — www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

SHEET TITLE:
SHEET INDEX
SITE PLAN
REHABILITATION NOTES

SHEET NUMBER:
G002

2 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022

BASE BID:

BASE BID INCLUDES THE FOLLOWING (REFERENCE SHEET A050 AND S100):

- ERECTION OF SCAFFOLDING BELOW LAYLIGHT S1. DANCE FLOOR TO BE DRAPED.
- REMOVAL OF STAINED GLASS LAYLIGHT S1 PER SPECIFICATION SECTION 088000.
- CRATING OF THE INDIVIDUAL STAINED GLASS PANELS FOR TRANSPORTATION AND STORAGE PER SPECIFICATION SECTION 088000.
- INSTALLATION OF TEMPORARY PLASTIC GLAZING (FROSTED) WITHIN THE EXISTING LAYLIGHT S1 STAINED GLASS STEEL FRAME (REFERENCE DETAIL 4/A050).
- REMOVAL OF SCAFFOLDING BELOW LAYLIGHT S1.

ALTERNATE NO. 1 (ADD):

ALTERNATE NO. 1 ADDS THE FOLLOWING SCOPE OF WORK:

- TRANSPORTATION OF THE CRATE WITH THE STAINED GLASS PANELS FROM THE PROJECT SITE TO THE STAINED GLASS STUDIO.
- RESTORATION OF STAINED GLASS LAYLIGHT S1 SCOPE OF WORK (REFERENCE SPECIFICATION SECTION 088000 AND SHEET A203).
- CRATING OF THE INDIVIDUAL STAINED GLASS PANELS FOR TRANSPORTATION AND STORAGE PER SPECIFICATION SECTION 088000.
- STORAGE OF STAINED GLASS PANELS IN THE STAINED GLASS STUDIO OR OTHER SECURE LOCATION UNTIL MAY 2024.
- TRANSPORTATION OF THE CRATES WITH THE STAINED GLASS TO THE PROJECT SITE.

ALTERNATE NO. 2 (ADD):

ALTERNATE NO. 2 ADDS THE FOLLOWING SCOPE OF WORK (REFERENCE SHEETS A200, A201, A202, A204, S100, AND S101):

- ERECTION OF SCAFFOLDING BELOW LAYLIGHT S1. DANCE FLOOR TO BE DRAPED.
- REMOVAL OF THE TEMPORARY PLASTIC GLAZING FROM WITH THE LAYLIGHT S1 STEEL FRAME.
- REQUIRED REPAIRS TO THE LAYLIGHT S1 STAINED GLASS STEEL FRAME AND APPLY A HIGH-PERFORMANCE COATING TO THE STEEL STRUCTURE.
- REINSTALLATION OF THE LAYLIGHT S1 STAINED GLASS WITHIN THE EXISTING STEEL FRAME WITH A NEW SUPPORT SYSTEM OF SADDLE BARS (REFERENCE SPECIFICATION SECTION 088000).
- RESTORE AND REPAIR ORNAMENTAL PLASTER FRAME AT LAYLIGHT S1.
- PREP, PRIME, AND PAINT ORNAMENTAL PLASTER FRAME AT LAYLIGHT S1.
- RESTORE AND REPAIR PLASTER WITHIN LAYLIGHT S1 LIGHTWELL.
- PREP, PRIME, AND PAINT PLASTER WALLS WITHIN LAYLIGHT S1 LIGHTWELL.
- INSTALLATION OF NEW PIPE RAILING ALONG THE PLATFORMS WITHIN THE LAYLIGHT S1 LIGHTWELL.
- CLEAN 100% OF BOTH SIDES OF LAYLIGHT S1 AND THE LIGHTWELL.
- REMOVAL OF SCAFFOLDING BELOW LAYLIGHT S1.

ALTERNATE NO. 3 (ADD):

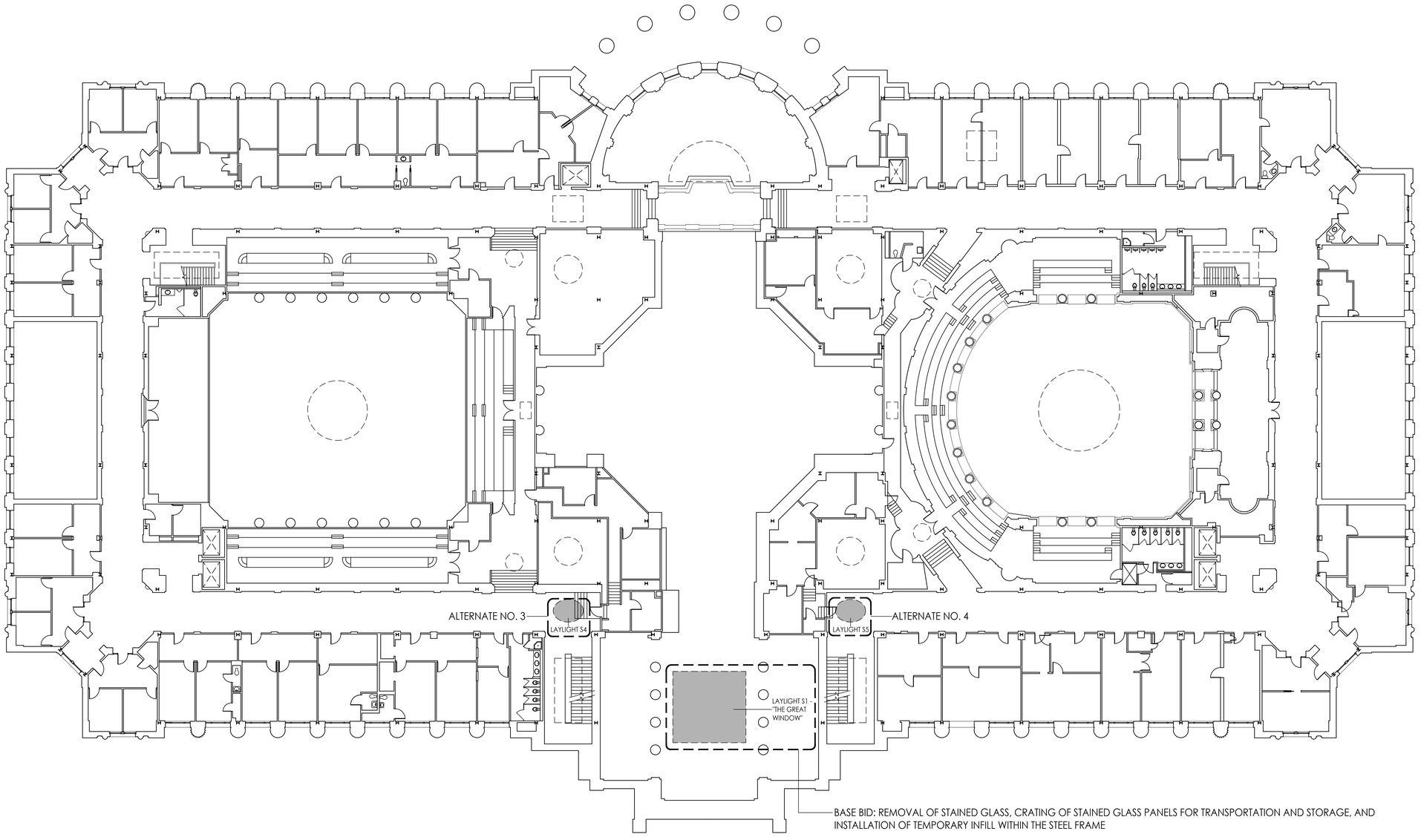
ALTERNATE NO. 3 INCORPORATES LAYLIGHT S4 INTO THE PROJECT. THE SCOPE OF WORK INCLUDES (REFERENCE SHEETS A051, A300, A301, A302, AND A305):

- FULL REMOVAL THE PAINT FROM THE ENTIRE LAYLIGHT FRAME AND MUNTINS (BOTH SIDES OF THE LAYLIGHT) BACK TO BARE WOOD.
- REMOVAL OF ALL LOOSE AND DELAMINATED PAINT FROM THE STEEL SUPPORT TO REMOVE ALL CORROSION ON THE FERROUS METAL SURFACES.
- REMOVAL OF 100% OF THE PLASTER AND METAL LATH BACK TO THE TERRA COTTA BLOCK WALL.
- REPAIR AND REPLACEMENT OF LAYLIGHT WOOD FRAME AND MUNTINS.
- INFILL THE JOINT BETWEEN THE PLASTER CEILING AND THE LAYLIGHT FRAME ON THE PUBLIC SIDE OF THE LAYLIGHT.
- INFILL THE JOINT BETWEEN THE CONCRETE DECK AND THE LAYLIGHT FRAME ON THE ATTIC SIDE OF THE LAYLIGHT.
- PREP, PRIME, AND PAINT ENTIRE LAYLIGHT FRAME AND MUNTINS (BOTH SIDES OF THE LAYLIGHT).
- PREP, PRIME, AND PAINT PLASTER CEILING AND ACOUSTICAL CEILING COATING.
- PREP, PRIME, AND PAINT STEEL SUPPORT FRAME.
- INSTALLATION OF NEW PLASTIC GLAZING OVER THE TOP OF THE LAYLIGHT.
- INSTALLATION OF NEW METAL LATH AND PLASTER ON ALL FOUR (4) WALL WITHIN THE LAYLIGHT LIGHTWELL. PREP, PRIME, AND PAINT ENTIRE PLASTER WALLS.
- PREP, PRIME, AND PAINT HISTORIC LAYLIGHT DOOR, FRAME, AND TRIM (BOTH SIDES OF THE DOOR, FRAME, AND TRIM).
- CLEAN 100% OF BOTH SIDES OF LAYLIGHT S4 AND THE LIGHTWELL.

ALTERNATE NO. 4 (ADD):

ALTERNATE NO.4 INCORPORATES LAYLIGHT S5 INTO THE PROJECT. THE SCOPE OF WORK INCLUDES (REFERENCE SHEETS A051, A300, A303, A304, AND A305):

- FULL REMOVAL THE PAINT FROM THE ENTIRE LAYLIGHT FRAME AND MUNTINS (BOTH SIDES OF THE LAYLIGHT) BACK TO BARE WOOD.
- REMOVAL OF ALL LOOSE AND DELAMINATED PAINT FROM THE STEEL SUPPORT TO REMOVE ALL CORROSION ON THE FERROUS METAL SURFACES.
- REMOVAL OF 100% OF THE PLASTER AND METAL LATH BACK TO THE TERRA COTTA BLOCK WALL.
- REPAIR AND REPLACEMENT OF LAYLIGHT WOOD FRAME AND MUNTINS.
- INFILL THE JOINT BETWEEN THE PLASTER CEILING AND THE LAYLIGHT FRAME ON THE PUBLIC SIDE OF THE LAYLIGHT.
- INFILL THE JOINT BETWEEN THE CONCRETE DECK AND THE LAYLIGHT FRAME ON THE ATTIC SIDE OF THE LAYLIGHT.
- PREP, PRIME, AND PAINT ENTIRE LAYLIGHT FRAME AND MUNTINS (BOTH SIDES OF THE LAYLIGHT).
- PREP, PRIME, AND PAINT PLASTER CEILING AND ACOUSTICAL CEILING COATING.
- PREP, PRIME, AND PAINT STEEL SUPPORT FRAME.
- INSTALLATION OF NEW PLASTIC GLAZING OVER THE TOP OF THE LAYLIGHT.
- INSTALLATION OF NEW METAL LATH AND PLASTER ON ALL FOUR (4) WALL WITHIN THE LAYLIGHT LIGHTWELL. PREP, PRIME, AND PAINT ENTIRE PLASTER WALLS.
- PREP, PRIME, AND PAINT HISTORIC LAYLIGHT DOOR, FRAME, AND TRIM (BOTH SIDES OF THE DOOR, FRAME, AND TRIM).
- CLEAN 100% OF BOTH SIDES OF LAYLIGHT S5 AND THE LIGHTWELL.



BASE BID: REMOVAL OF STAINED GLASS, CRATING OF STAINED GLASS PANELS FOR TRANSPORTATION AND STORAGE, AND INSTALLATION OF TEMPORARY INFILL WITHIN THE STEEL FRAME

ALTERNATE NO. 1: RESTORATION OF STAINED GLASS, AND CRATING OF THE STAINED GLASS PANELS FOR TRANSPORTATION AND STORAGE.

ALTERNATE NO. 2: REPAIRS TO THE STEEL FRAME, REMOVAL OF TEMPORARY INFILL FROM WITHIN THE STEEL FRAME, REINSTALLATION OF RESTORED STAINED GLASS, ALL WORK WITHIN THE LIGHTWELL, AND ALL WORK TO THE ORNAMENTAL PLASTER FRAME.

1 KEY PLAN - BASE BID / ALTERNATES

Scale: 1/16" = 1'-0"

16 0 16 32

NORTH

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
— 1701 Oak Street, Suite 100 Kansas City, Missouri 64108 —
816.474.0900 — www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

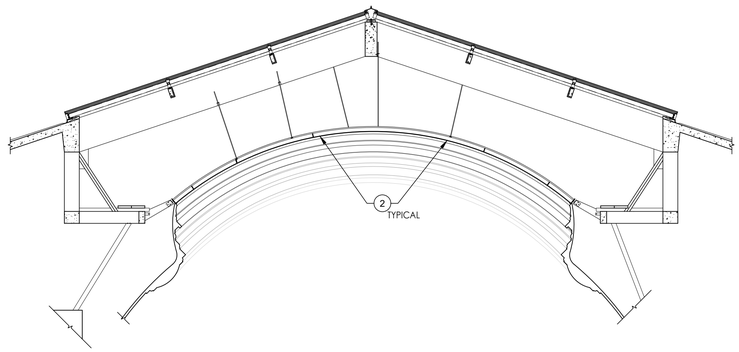
PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

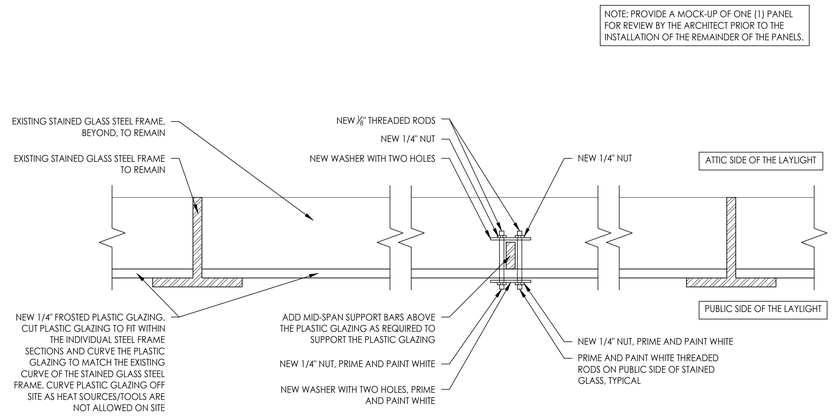
SHEET TITLE:
KEY PLAN - BASE BID / ALTERNATES

SHEET NUMBER:
G003
3 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022



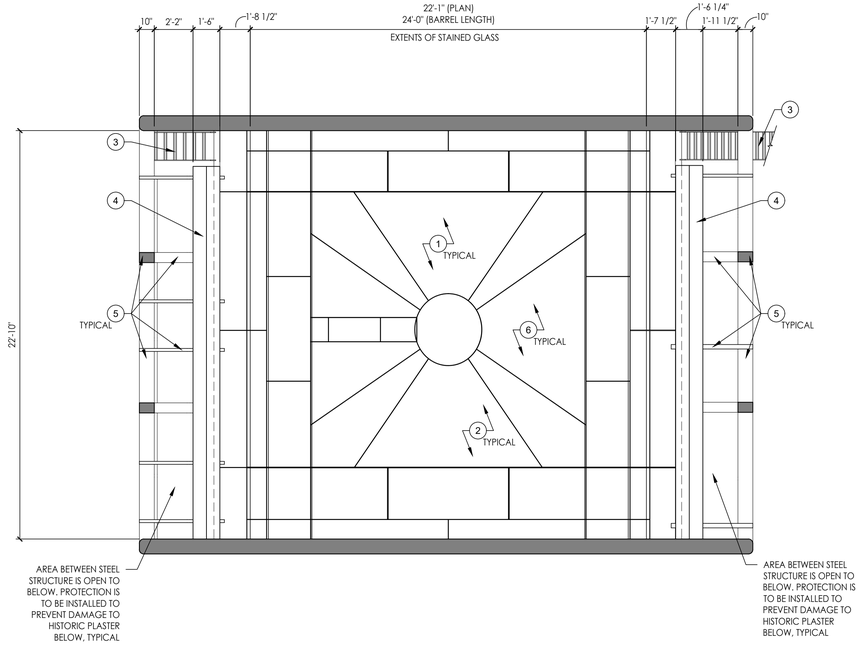
3 LAYLIGHT S1 - EAST/WEST SECTION - TEMPORARY

Scale: 1/4" = 1'-0"



4 LAYLIGHT S1 - TEMPORARY INFILL DETAIL

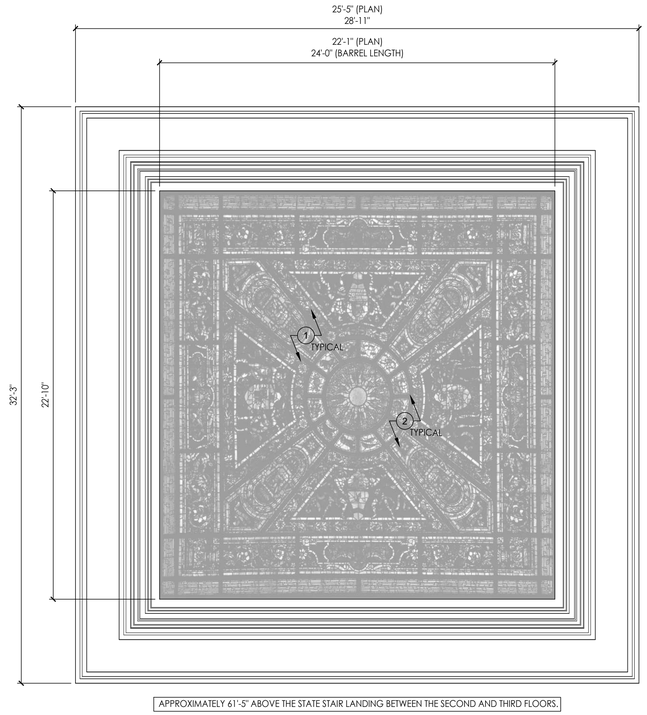
Scale: 6" = 1'-0"



1 LAYLIGHT S1 - LIGHTWELL AND ATTIC DEMOLITION PLAN

Scale: 1/4" = 1'-0"

NORTH



2 LAYLIGHT S1 - REFLECTED CEILING DEMOLITION PLAN

Scale: 1/4" = 1'-0"

NORTH

GENERAL NOTES:

- GENERAL CONTRACTOR IS TO PROVIDE THOROUGH PHOTOGRAPHIC DOCUMENTATION OF LAYLIGHTS, LIGHTWELL, AND PLASTER CEILINGS TO ILLUSTRATE EXISTING CONDITIONS PRIOR TO START OF CONSTRUCTION AND DELIVER TO THE OWNER IN DIGITAL FORMAT. REFERENCE SPECIFICATION SECTION 013233.
- PROTECT ORIGINAL HISTORIC MATERIALS FROM DAMAGE THROUGHOUT CONSTRUCTION. ANY DAMAGE AT THE INTERIORS DUE TO CONSTRUCTION SCOPE OF WORK IS TO BE REPAIRED IN-KIND TO THE OWNER'S SATISFACTION AT NO ADDITIONAL COST.
- STEEL STRUCTURE TO BE REVIEWED AFTER SCAFFOLDING IS INSTALLED (BEFORE AND AFTER STAINED GLASS PANELS ARE REMOVED) AND NECESSARY REPAIRS DETERMINED. COORDINATE WITH ARCHITECT AND OWNER FOR SITE VISIT.

LAYLIGHT S1 DEMOLITION KEYNOTES:

1. CAREFULLY REMOVE THE STAINED GLASS LAYLIGHT PER SPECIFICATION SECTION 088000 "STAINED-GLASS (LAYLIGHT S1) RESTORATION." EXISTING STEEL STRUCTURE TO REMAIN IN PLACE.
2. INSTALL 1/4" FROSTED PLASTIC GLAZING INTO THE EXISTING STAINED GLASS STEEL FRAME TO TEMPORARILY INFILL THE LAYLIGHT OPENING. CUT PLASTIC GLAZING TO FIT WITHIN THE INDIVIDUAL STEEL FRAME SECTIONS AND CURVE THE PLASTIC GLAZING TO MATCH THE EXISTING CURVE OF THE STAINED GLASS STEEL FRAME. CURVE PLASTIC GLAZING OFF SITE AS HEAT SOURCES/TOOLS ARE NOT ALLOWED ON SITE. INSTALL NEW MID-SPAN SUPPORT BARS AS REQUIRED TO SUPPORT THE PLASTIC GLAZING. REFERENCE DETAIL 4/A050. (088000)
3. EXISTING ACCESS LADDER TO REMAIN.
4. EXISTING WOOD PLATFORM TO REMAIN.
5. EXISTING CONCRETE AND STEEL STRUCTURE TO REMAIN.
6. REMOVE ALL "SECONDARY STEEL GRID MEMBERS." REFERENCE 1/S100 FOR FULL SCOPE OF WORK.

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
— 1701 Oak Street, Suite 100 Kansas City, Missouri 64108 —
816.474.0900 — www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

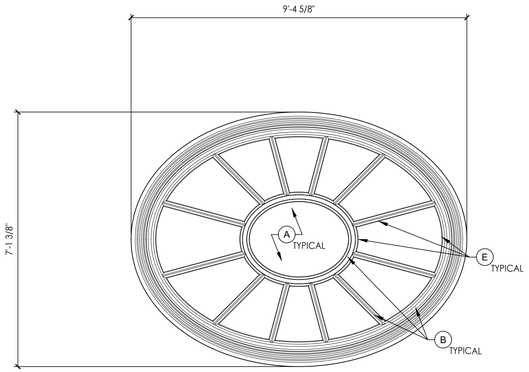
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

SHEET TITLE:
LAYLIGHT S1 ENLARGED DEMOLITION PLANS

SHEET NUMBER:
A050

4 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022

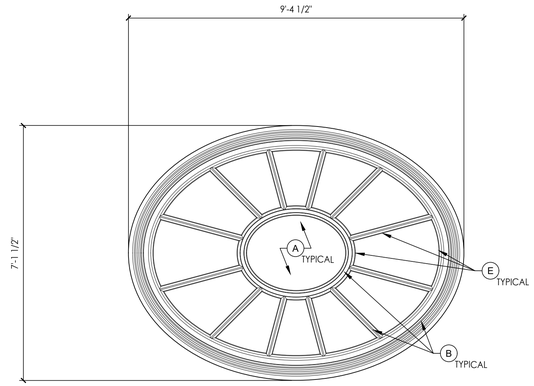


APPROXIMATELY 12'-10" ABOVE THE FOURTH FLOOR

3 LAYLIGHT S4 - REFLECTED CEILING PLAN

Scale: 1/2" = 1'-0"

NORTH

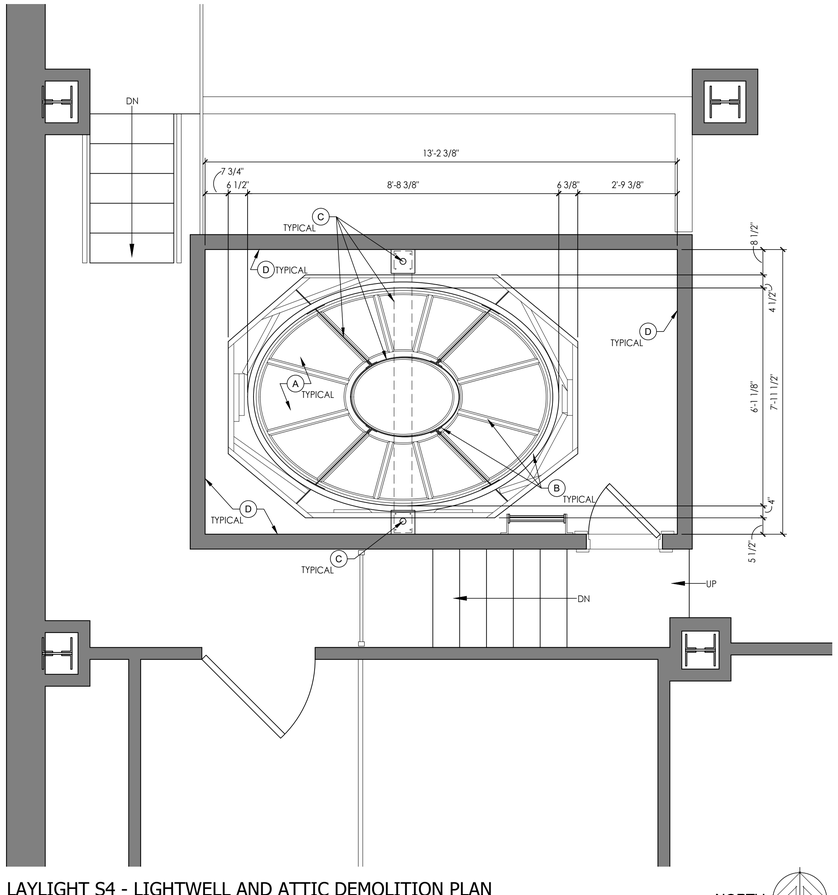


APPROXIMATELY 12'-10" ABOVE THE FOURTH FLOOR

4 LAYLIGHT S5 - REFLECTED CEILING DEMOLITION PLAN

Scale: 1/2" = 1'-0"

NORTH



1 LAYLIGHT S4 - LIGHTWELL AND ATTIC DEMOLITION PLAN

Scale: 1/2" = 1'-0"

NORTH

2 LAYLIGHT S5 - LIGHTWELL AND ATTIC DEMOLITION PLAN

Scale: 1/2" = 1'-0"

NORTH

GENERAL NOTES:

- GENERAL CONTRACTOR IS TO PROVIDE THOROUGH PHOTOGRAPHIC DOCUMENTATION OF LAYLIGHTS, LIGHTWELL, AND PLASTER CEILINGS TO ILLUSTRATE EXISTING CONDITIONS PRIOR TO START OF CONSTRUCTION AND DELIVER TO THE OWNER IN DIGITAL FORMAT. REFERENCE SPECIFICATION SECTION 013233.
- PROTECT ORIGINAL HISTORIC MATERIALS FROM DAMAGE THROUGHOUT CONSTRUCTION. ANY DAMAGE AT THE INTERIORS DUE TO CONSTRUCTION SCOPE OF WORK IS TO BE REPAIRED IN-KIND TO THE OWNER'S SATISFACTION AT NO ADDITIONAL COST.

LAYLIGHT S4/S5 DEMOLITION KEYNOTES:

A. CAREFULLY REMOVE THE EXISTING 1/4" PLASTIC GLAZING AS REQUIRED TO REPAIR THE FRAME AND STORE FOR REINSTALLATION.

B. SCRAPE OR USE A CHEMICAL PEEL (IF LEAD-BASED PAINT IS PRESENT) TO FULLY REMOVE PAINT FROM ALL MUNTINS AND ENTIRE FRAME BACK TO BARE WOOD.

C. SCRAPE OR USE A CHEMICAL PEEL (IF LEAD-BASED PAINT IS PRESENT) TO REMOVE LOOSE AND DELAMINATED PAINT FROM THE STEEL SUPPORT FRAME. REMOVE ALL CORROSION ON FERROUS METAL SURFACES.

D. REMOVE 100% OF THE PLASTER AND METAL PLASTER LATH BACK TO TERRA COTTA BLOCK WALL.

E. CAREFULLY SCRAPE THE EDGE OF THE GLAZING TO REMOVE PAINT FROM THE GLAZING.

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
1701 Oak Street, Suite 100 Kansas City, Missouri 64108
816.474.0900 — www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

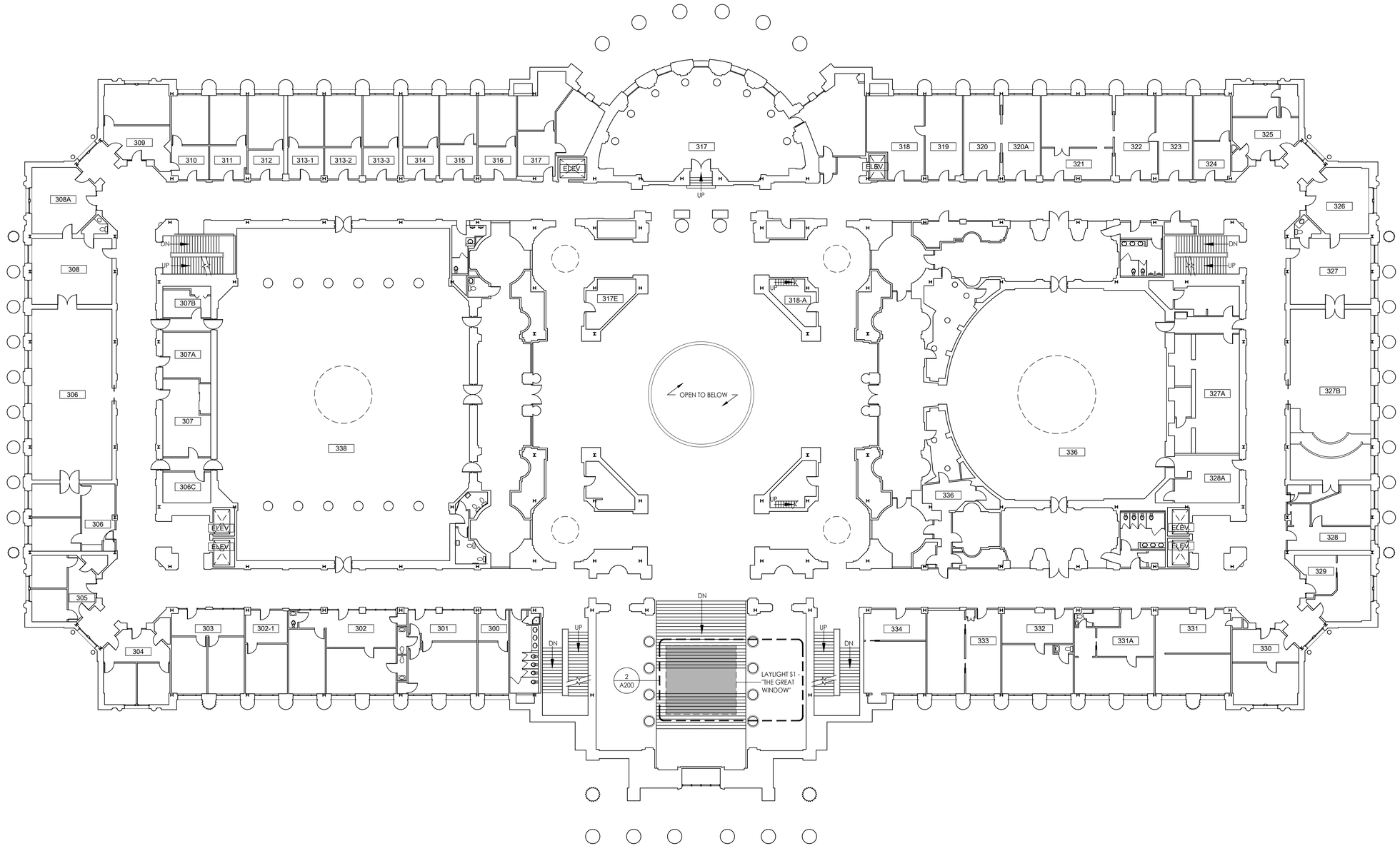
PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

SHEET TITLE:
LAYLIGHTS S4/S5 ENLARGED DEMOLITION PLANS

SHEET NUMBER:
A051
5 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022



1 THIRD FLOOR PLAN

Scale: 1/16" = 1'-0"

16 0 16 32

NORTH

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
— 1701 Oak Street, Suite 100 Kansas City, Missouri 64108 —
816.474.0900 — www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

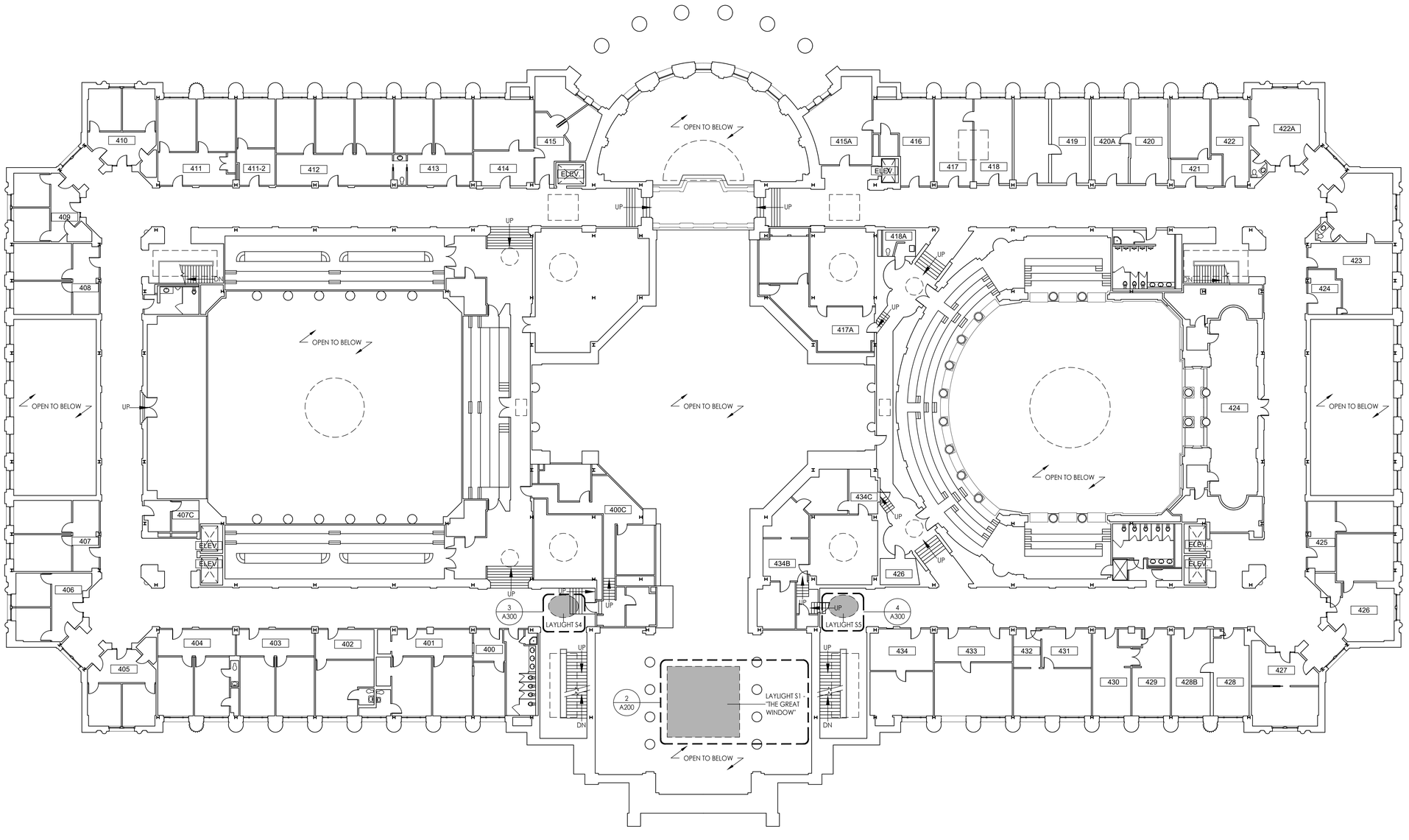
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

SHEET TITLE:
THIRD FLOOR PLAN

SHEET NUMBER:
A100

6 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022



1 FOURTH FLOOR PLAN

Scale: 1/16" = 1'-0"

16 0 16 32

NORTH

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
1701 Oak Street, Suite 100 Kansas City, Missouri 64108
816.474.0900 — www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

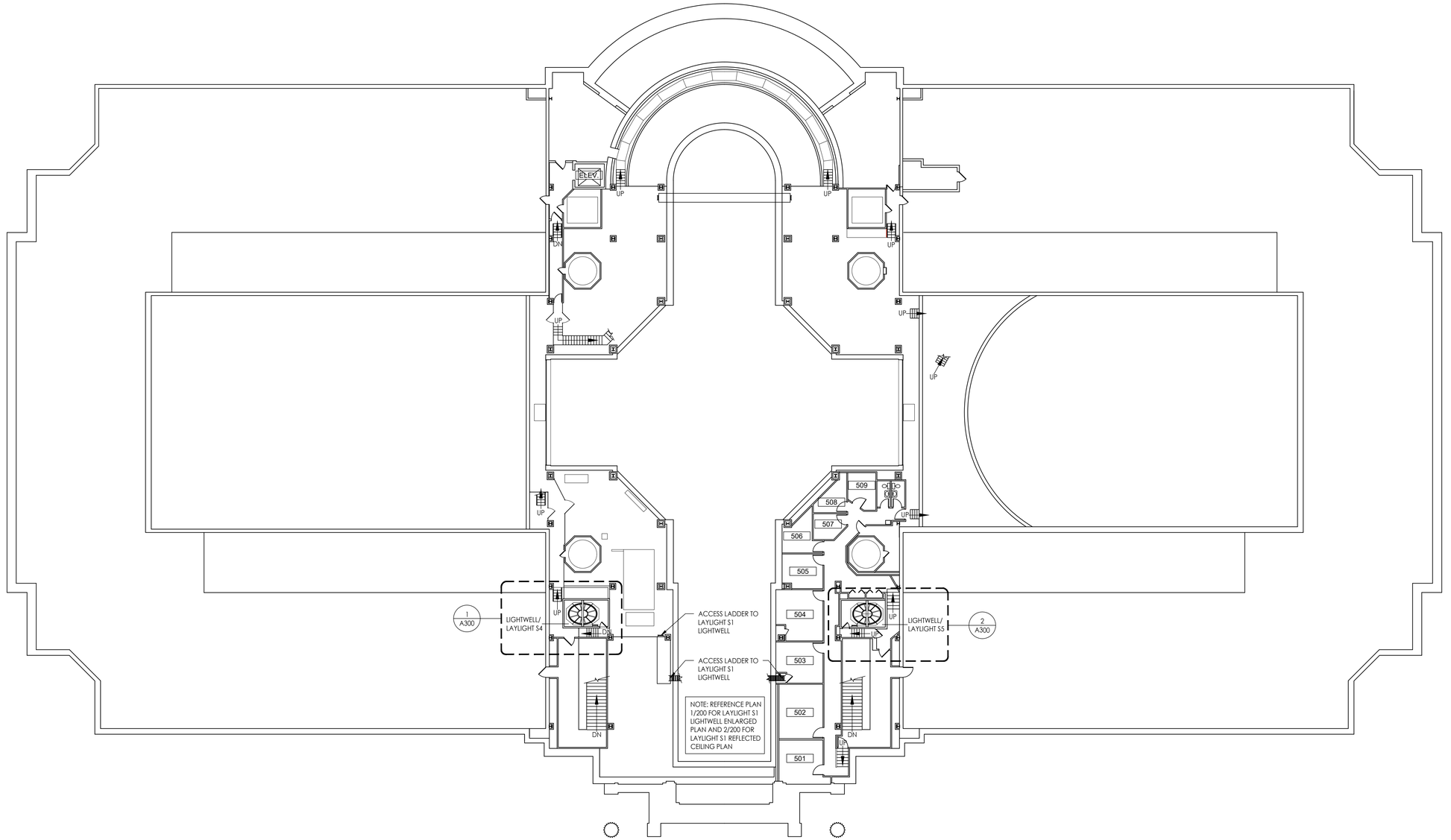
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

SHEET TITLE:
FOURTH FLOOR PLAN

SHEET NUMBER:
A101

7 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022



1 FIFTH FLOOR PLAN

Scale: 1/16" = 1'-0"

16 0 16 32

NORTH

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
— 1701 Oak Street, Suite 100 Kansas City, Missouri 64108 —
816.474.0900 — www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

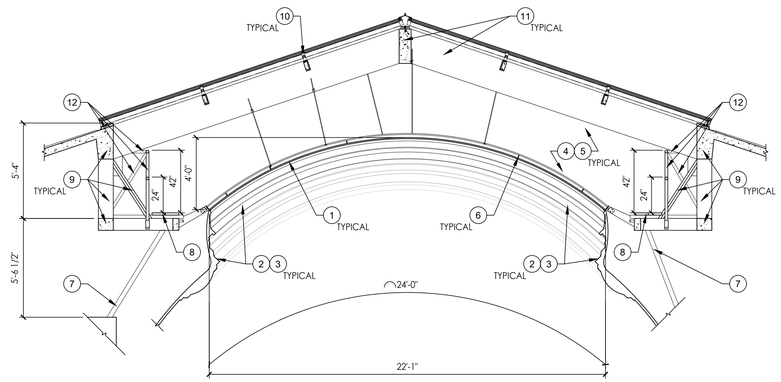
PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

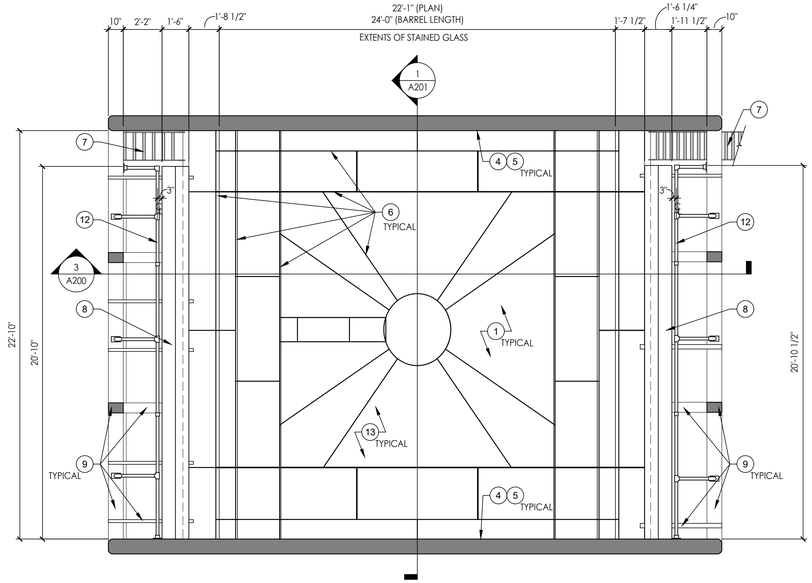
SHEET TITLE:
FIFTH FLOOR PLAN

SHEET NUMBER:
A102



3 LAYLIGHT S1 - EAST/WEST SECTION

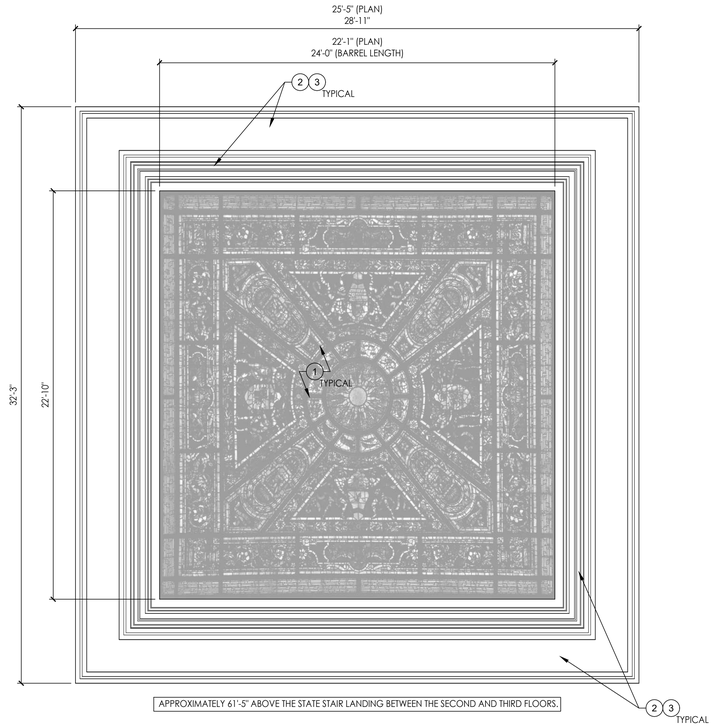
Scale: 1/4" = 1'-0"



1 LAYLIGHT S1 - LIGHTWELL AND ATTIC PLAN

Scale: 1/4" = 1'-0"

NORTH



2 LAYLIGHT S1 - REFLECTED CEILING PLAN

Scale: 1/4" = 1'-0"

NORTH

GENERAL NOTES:

- GENERAL CONTRACTOR IS TO PROVIDE THOROUGH PHOTOGRAPHIC DOCUMENTATION OF LAYLIGHTS, LIGHTWELL, AND PLASTER CEILINGS TO ILLUSTRATE EXISTING CONDITIONS PRIOR TO START OF CONSTRUCTION AND DELIVER TO THE OWNER IN DIGITAL FORMAT. REFERENCE SPECIFICATION SECTION 013233.
- PROTECT ORIGINAL HISTORIC MATERIALS FROM DAMAGE THROUGHOUT CONSTRUCTION. ANY DAMAGE AT THE INTERIORS DUE TO CONSTRUCTION SCOPE OF WORK IS TO BE REPAIRED IN-KIND TO THE OWNER'S SATISFACTION AT NO ADDITIONAL COST.
- STEEL STRUCTURE TO BE REVIEWED AFTER SCAFFOLDING IS INSTALLED (BEFORE AND AFTER STAINED GLASS PANELS ARE REMOVED) AND NECESSARY REPAIRS DETERMINED.
- CLEAN 100% OF BOTH SIDES OF THE LAYLIGHT, INCLUDING BUT NOT LIMITED TO THE GLAZING, WOOD FRAME, AND STEEL SUPPORT FRAME.
- CLEAN 100% OF THE DUST AND DIRT FROM THE FLOOR OF THE LIGHTWELL.

LAYLIGHT S1 KEYNOTES:

1. FULLY RESTORE THE STAINED GLASS LAYLIGHT PER SPECIFICATION SECTION 088000 "STAINED-GLASS (LAYLIGHT S1) RESTORATION." REINSTALL STAINED GLASS LAYLIGHT IN ORIGINAL LOCATION AFTER RESTORATION.
2. RESTORE AND REPAIR ORNAMENTAL PLASTER FRAME.
   - PATCH LARGE CHIPS/GOUGES (LARGER THAN $\frac{1}{2}$") WITH A PLASTER FINISH COAT TO CREATE A SMOOTH LEVEL FINISH. IF THE LATH IS EXPOSED, APPLY A PLASTER BASE COAT AND SCRATCH COAT BEFORE APPLYING A FINISH COAT.
   - CAREFULLY REMOVE INCOMPATIBLE PREVIOUS PATCHES BACK TO SOLID PLASTER AND APPLY A BONDING AGENT TO THE HOLE PER THE MANUFACTURER'S RECOMMENDATIONS. APPLY A PLASTER BASE COAT AND THEN CREATE A SMOOTH LEVEL FINISH WITH A FINISH COAT.
   - FILL HAIRLINE CRACKS WITH A PLASTER PATCHING MATERIAL.
   - REPAIR CRACKS (LARGER THAN $\frac{1}{16}$") IN PLASTER BY SLIGHTLY WIDENING THE CRACK TO CREATE A V-JOINT AND FILLING THE CRACK WITH A PLASTER PATCHING COMPOUND.
3. PROPERLY PREPARE ORNAMENTAL PLASTER FRAME AS REQUIRED TO CREATE A SMOOTH SURFACE. SCRAPE OR USE A CHEMICAL PEEL (IF THERE IS LEAD-BASED PAINT) TO REMOVE LOOSE AND DELAMINATED PAINT. PRIME AND PAINT THE ORNAMENTAL PLASTER FRAME TO MATCH THE EXISTING PAINT SCHEME.
4. RESTORE AND REPAIR PLASTER LIGHTWELL WALLS.
   - FILL HAIRLINE CRACKS WITH A PLASTER PATCHING MATERIAL.
   - REPAIR CRACKS (LARGER THAN $\frac{1}{16}$") IN PLASTER BY SLIGHTLY WIDENING THE CRACK TO CREATE A V-JOINT AND FILLING THE CRACK WITH A PLASTER PATCHING COMPOUND.
5. PREP, PRIME, AND PAINT PLASTER LIGHTWELL WALLS. DO NOT PAINT OVER GRAFFITI ON THE WALLS.
6. EXISTING PRIMARY STEEL FRAME MEMBERS AND T-BAR STRUCTURE TO REMAIN. SCRAPE OR USE A CHEMICAL PEEL (IF LEAD-BASED PAINT IS PRESENT) TO REMOVE LOOSE AND DELAMINATED PAINT FROM THE STEEL STRUCTURE. PREP, PRIME, AND PAINT ENTIRE STEEL STRUCTURE WITH A HIGH-PERFORMANCE COATING.
7. EXISTING ACCESS LADDER TO REMAIN.
8. EXISTING WOOD PLATFORM TO REMAIN.
9. EXISTING CONCRETE AND STEEL STRUCTURE TO REMAIN.
10. EXISTING SKYLIGHT TO REMAIN. REPAIR SCOPE OF WORK TO BE COMPLETED UNDER A SEPARATE CONTRACT (COORDINATE WORK).
11. EXISTING CONCRETE STRUCTURE AND SHEET METAL ENCAPSULATED CONCRETE SKYLIGHT TRUSS TO REMAIN.
12. INSTALL NEW 2" (OUTSIDE DIAMETER) SCHEDULE 40 STEEL PIPE RAILING.
13. INSTALL NEW "SECONDARY STEEL MEMBERS" AND HANGERS. REFERENCE STRUCTURAL DRAWINGS.

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
1701 Oak Street, Suite 100 Kansas City, Missouri 64108
816.474.0900 www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

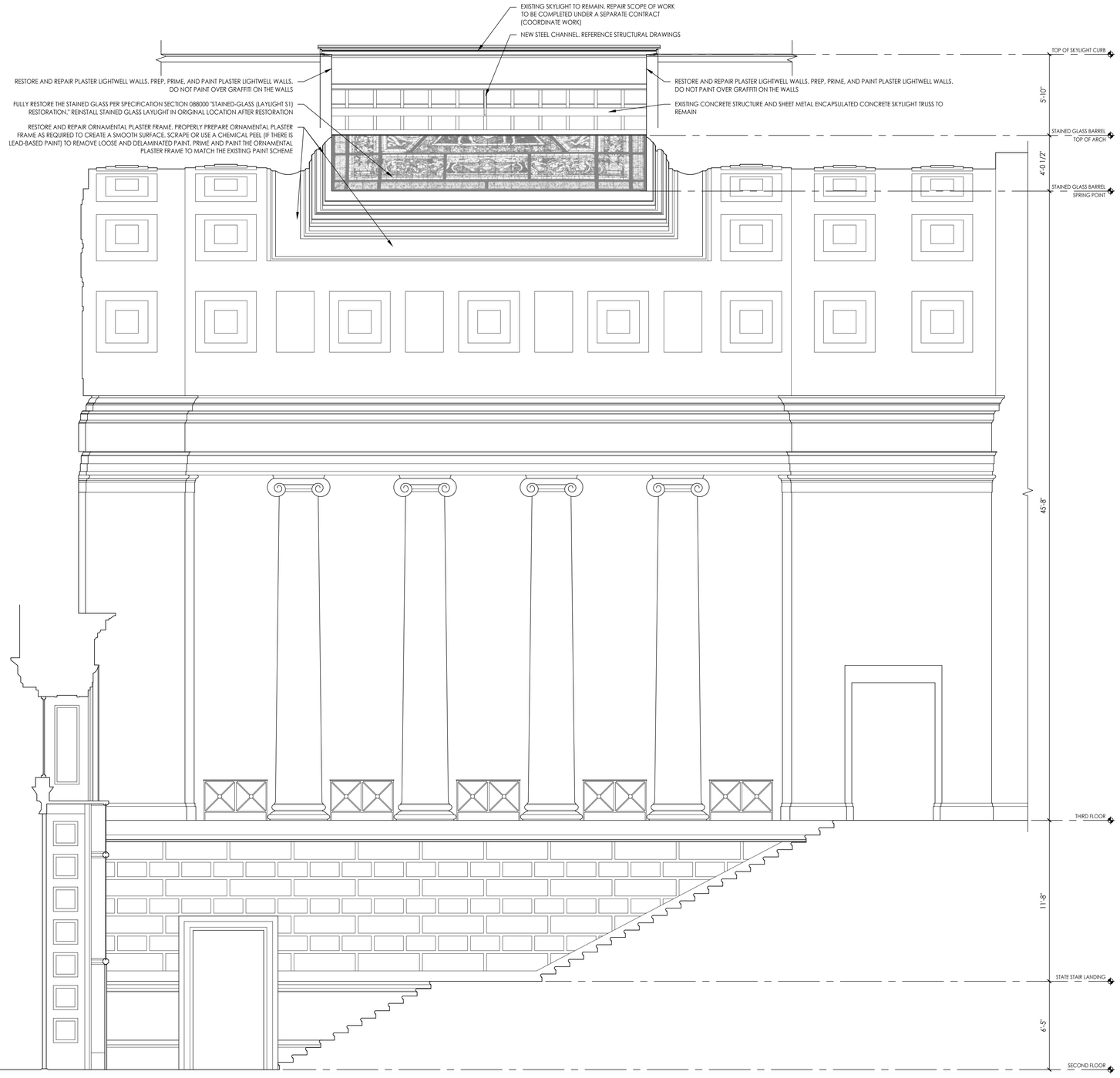
PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

SHEET TITLE:
LAYLIGHT S1 PLANS AND SECTION

SHEET NUMBER:
A200
9 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022



1 LAYLIGHT S1 - NORTH/SOUTH SECTION - LOOKING WEST

Scale: 1/4" = 1'-0"

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
— 1701 Oak Street, Suite 100 Kansas City, Missouri 64108 —
816.474.0900 — www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

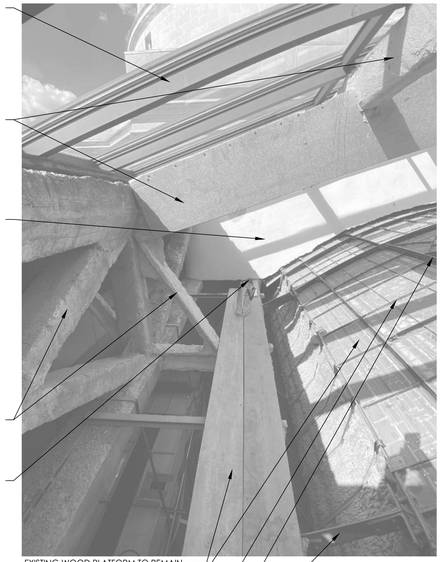
PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

SHEET TITLE:
LAYLIGHT S1 SECTION

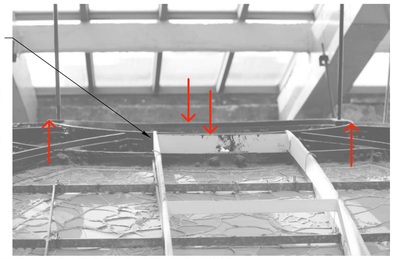
SHEET NUMBER:
A201
10 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022



4 LAYLIGHT S1 LIGHTWELL - VIEW LOOKING NORTH

N.T.S.

NOTE: STEEL STRUCTURE TO BE REVIEWED AFTER SCAFFOLDING IS INSTALLED (BEFORE AND AFTER STAINED GLASS PANELS ARE REMOVED) AND NECESSARY REPAIRS DETERMINED.

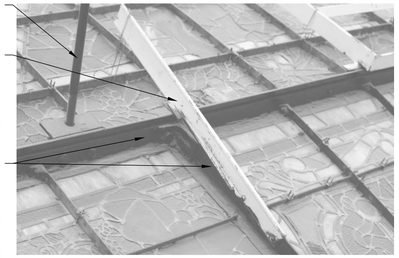


8 LAYLIGHT S1 - SAGGING AT OCULUS

N.T.S.

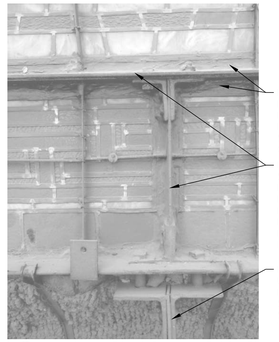
5 LAYLIGHT S1 - VIEW OF EAST ACCESS LADDER

N.T.S.



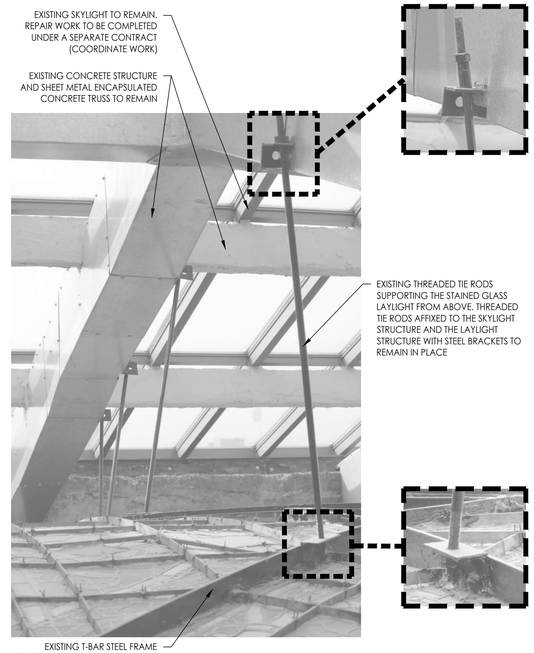
9 LAYLIGHT S1 - STEEL BARS ADDED TO THE STRUCTURE

N.T.S.



6 LAYLIGHT S1 - T-BAR STRUCTURE

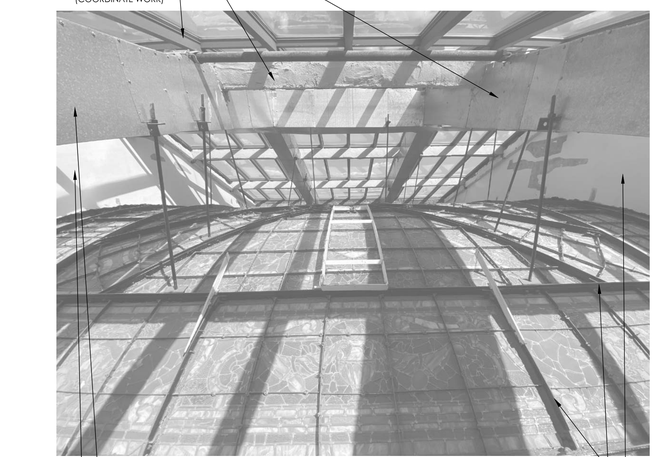
N.T.S.



NOTE: STEEL STRUCTURE TO BE REVIEWED AFTER SCAFFOLDING IS INSTALLED (BEFORE AND AFTER STAINED GLASS PANELS ARE REMOVED) AND NECESSARY REPAIRS DETERMINED.

7 LAYLIGHT S1 - THREADED TIE ROD SUPPORTS

N.T.S.

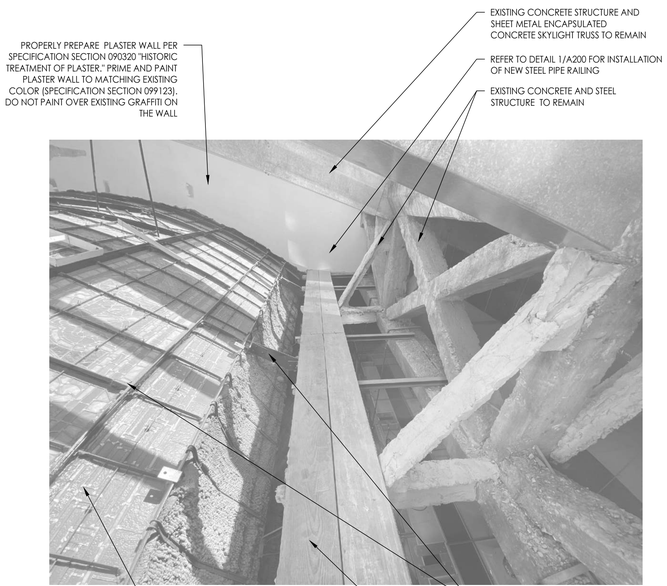


1 LAYLIGHT S1 LIGHTWELL - VIEW LOOKING EAST

N.T.S.

2 LAYLIGHT S1 LIGHTWELL - VIEW LOOKING SOUTHEAST

N.T.S.



3 LAYLIGHT S1 LIGHTWELL - VIEW LOOKING SOUTH

N.T.S.

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
1701 Oak Street, Suite 100 Kansas City, Missouri 64108
816.474.0900 — www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

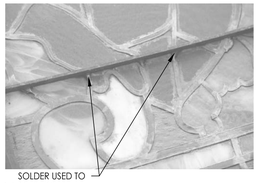
PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

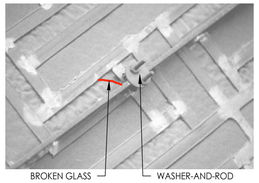
CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

SHEET TITLE:
LAYLIGHT S1 EXISTING CONDITIONS PHOTOGRAPHS

SHEET NUMBER:
A202
11 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022

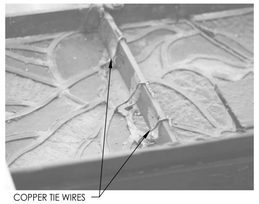


SOLDER USED TO DIRECTLY FASTEN THE STAINED GLASS TO THE SADDLE BARS

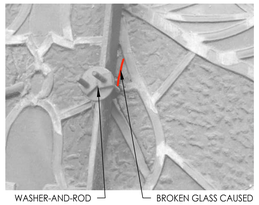


BROKEN GLASS CAUSED BY THE INSTALLATION OF THE WASHER-AND-ROD FASTENERS

WASHER-AND-ROD FASTENERS USED TO ATTACH THE STAINED GLASS TO THE SADDLE BARS

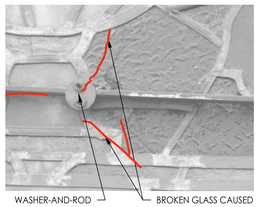


COPPER TIE WIRES USED TO ATTACH THE STAINED GLASS TO THE SADDLE BARS



WASHER-AND-ROD FASTENERS USED TO ATTACH THE STAINED GLASS TO THE SADDLE BARS

BROKEN GLASS CAUSED BY THE INSTALLATION OF THE WASHER-AND-ROD FASTENERS



WASHER-AND-ROD FASTENERS USED TO ATTACH THE STAINED GLASS TO THE SADDLE BARS

BROKEN GLASS CAUSED BY THE INSTALLATION OF THE WASHER-AND-ROD FASTENERS

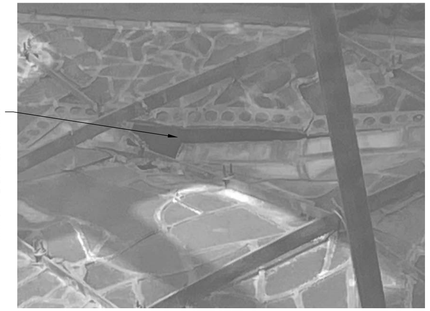
RESTORE STAINED GLASS LAYLIGHT. REFERENCE SPECIFICATION SECTION 088000 "STAINED-GLASS (LAYLIGHT S1) RESTORATION" FOR FULL SCOPE OF WORK

9 LAYLIGHT S1 - SADDLE BAR ATTACHMENTS

N.T.S.

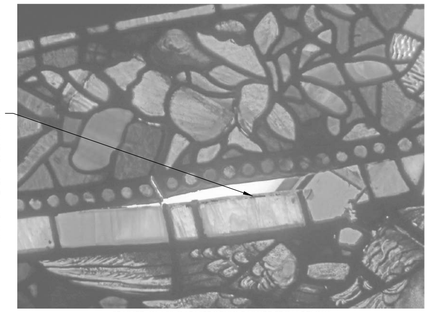
RESTORE STAINED GLASS LAYLIGHT. REFERENCE SPECIFICATION SECTION 088000 "STAINED-GLASS (LAYLIGHT S1) RESTORATION" FOR FULL SCOPE OF WORK

CATASTROPHIC FAILURE IN ONE SECTION OF THE STAINED GLASS WHICH HAS DEFLECTED 6" TO 8" AND HAS LOST GLASS AND IS ABOUT TO LOSE ADDITIONAL GLASS, LEAVING ABOUT A 1-SQUARE FOOT HOLE



STAINED GLASS CATASTROPHIC FAILURE FROM ABOVE

CATASTROPHIC FAILURE IN ONE SECTION OF THE STAINED GLASS WHICH HAS DEFLECTED 6" TO 8" AND HAS LOST GLASS AND IS ABOUT TO LOSE ADDITIONAL GLASS, LEAVING ABOUT A 1-SQUARE FOOT HOLE

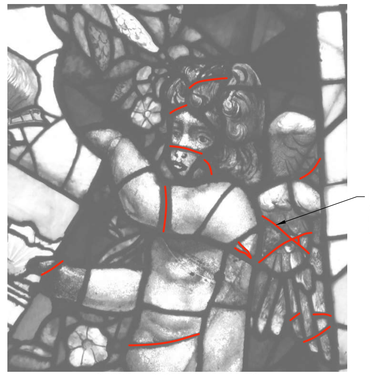


STAINED GLASS CATASTROPHIC FAILURE FROM BELOW

10 LAYLIGHT S1 - HOLE/DAMAGED AREA

N.T.S.

HISTORIC IMAGE OF ONE OF THE PUTTO



FULL CAME REPAIRS OF BROKEN GLASS. NOTE THESE ARE NON-ORIGINAL JOINTS THAT BREAK UP THE PUTTI'S BODY, TYPICAL

CURRENT IMAGE OF THE SAME THE PUTTO

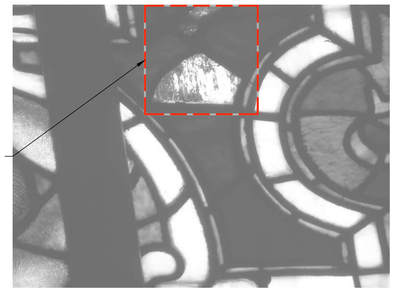
RESTORE STAINED GLASS LAYLIGHT. REFERENCE SPECIFICATION SECTION 088000 "STAINED-GLASS (LAYLIGHT S1) RESTORATION" FOR FULL SCOPE OF WORK

11 LAYLIGHT S1 - REPAIRED PUTTI

N.T.S.

RESTORE STAINED GLASS LAYLIGHT. REFERENCE SPECIFICATION SECTION 088000 "STAINED-GLASS (LAYLIGHT S1) RESTORATION" FOR FULL SCOPE OF WORK

EXISTING REPLACEMENT GLASS WHICH WAS NOT FIRED AFTER IT WAS PAINTED AND NOW THE COLOR IS COMING OFF THE GLASS, REVEALING THE CLEAR COLOR OF THE GLASS

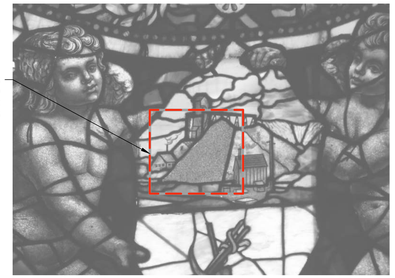


13 LAYLIGHT S1 - IMPROPER GLASS REPLACEMENT

N.T.S.

RESTORE STAINED GLASS LAYLIGHT. REFERENCE SPECIFICATION SECTION 088000 "STAINED-GLASS (LAYLIGHT S1) RESTORATION" FOR FULL SCOPE OF WORK

EXISTING REPLACEMENT GLASS WHICH WAS NOT PAINTED TO MATCH THE HISTORIC COLOR/GLASS

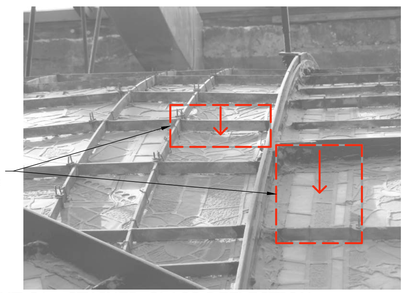


12 LAYLIGHT S1 - IMPROPER GLASS REPLACEMENT

N.T.S.

RESTORE STAINED GLASS LAYLIGHT. REFERENCE SPECIFICATION SECTION 088000 "STAINED-GLASS (LAYLIGHT S1) RESTORATION" FOR FULL SCOPE OF WORK

EXISTING DEFLECTION IN THE STAINED GLASS PANELS



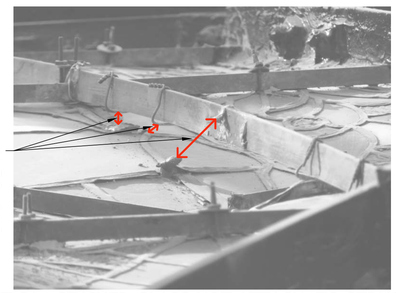
5 LAYLIGHT S1 - STAINED GLASS DEFLECTION

N.T.S.

RESTORE STAINED GLASS LAYLIGHT. REFERENCE SPECIFICATION SECTION 088000 "STAINED-GLASS (LAYLIGHT S1) RESTORATION" FOR FULL SCOPE OF WORK

NOTE: THERE IS AN EXISTING HOLE IN THE STAINED GLASS IN THIS LOCATION. REFERENCE DETAIL 10/A203 FOR INFORMATION ABOUT THE HOLE

THE STAINED GLASS HAS PULLED AWAY FROM THE WIRE AND SOLDER WHICH CONNECTS THE STAINED GLASS TO THE SADDLE BARS. THIS HAS CAUSED THE STAINED GLASS PANEL TO NOT BE PROPERLY SUPPORTED



6 LAYLIGHT S1 - STAINED GLASS NOT ATTACH. TO STRUC.

N.T.S.

RESTORE STAINED GLASS LAYLIGHT. REFERENCE SPECIFICATION SECTION 088000 "STAINED-GLASS (LAYLIGHT S1) RESTORATION" FOR FULL SCOPE OF WORK

EXISTING EXCESSIVE BLACK SEALANT AROUND THE PERIMETER OF EVERY PANEL, WHICH IS COVERING THE BOLTS HOLDING THE STEEL FRAME TOGETHER AND EXTENDING UP THE STEEL FRAME FOR SEVERAL INCHES. THE SEALANT COVERS THE CAME AND THE OUTERMOST BORDER OF THE GLASS

7 LAYLIGHT S1 - LEAD BELOW SEALANT

N.T.S.

RESTORE STAINED GLASS LAYLIGHT. REFERENCE SPECIFICATION SECTION 088000 "STAINED-GLASS (LAYLIGHT S1) RESTORATION" FOR FULL SCOPE OF WORK

EXISTING EXCESSIVE BLACK SEALANT AROUND THE PERIMETER OF EVERY PANEL TO BE REMOVED IN ITS ENTIRETY PRIOR TO REMOVAL OF STAINED GLASS PANELS, WHICH IS COVERING THE BOLTS HOLDING THE STEEL FRAME TOGETHER AND EXTENDING UP THE STEEL FRAME FOR SEVERAL INCHES. THE SEALANT COVERS THE CAME AND THE OUTERMOST BORDER OF THE GLASS

MISSING PIECE OF GLASS HAS BEEN INFILLED WITH PUTTY OR CEMENT

8 LAYLIGHT S1 - IMPROPER GLASS REPLACEMENT

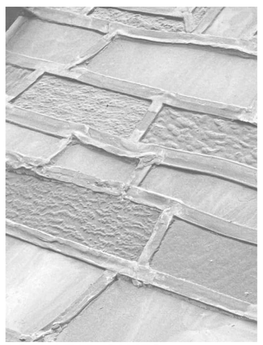
N.T.S.

RESTORE STAINED GLASS LAYLIGHT. REFERENCE SPECIFICATION SECTION 088000 "STAINED-GLASS (LAYLIGHT S1) RESTORATION" FOR FULL SCOPE OF WORK

NON-ORIGINAL SADDLE BARS NOT CONNECTED TO THE ORIGINAL BARS

1 LAYLIGHT S1 - SADDLE BARS

N.T.S.



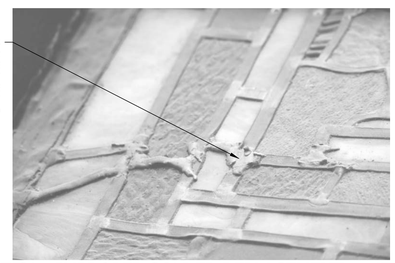
RESTORE STAINED GLASS LAYLIGHT. REFERENCE SPECIFICATION SECTION 088000 "STAINED-GLASS (LAYLIGHT S1) RESTORATION" FOR FULL SCOPE OF WORK

2 LAYLIGHT S1 - LEAD CAMES

N.T.S.

RESTORE STAINED GLASS LAYLIGHT. REFERENCE SPECIFICATION SECTION 088000 "STAINED-GLASS (LAYLIGHT S1) RESTORATION" FOR FULL SCOPE OF WORK

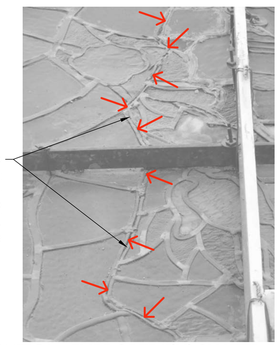
THE NON-ORIGINAL SOLDER IS POOLING ON THE OLDER SOLDER BECAUSE THE CAME AND OLDER SOLDER WAS NOT PROPERLY CLEANED AND THE SOLDER DID NOT PROPERLY ADHERED



3 LAYLIGHT S1 - IMPROPER SOLDER REPLACEMENT

N.T.S.

IMPROPER "MEETING JOINT" REPLACEMENT. U-CHANNEL LEAD CAME WAS USED INSTEAD OF AN H-SHAPED LEAD CAME AND THE CHANNELS WERE POORLY SOLDERED TOGETHER



RESTORE STAINED GLASS LAYLIGHT. REFERENCE SPECIFICATION SECTION 088000 "STAINED-GLASS (LAYLIGHT S1) RESTORATION" FOR FULL SCOPE OF WORK

4 LAYLIGHT S1 - IMPROPER 'U' SHAPED MEETING JOINT

N.T.S.

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
1701 Oak Street, Suite 100 Kansas City, Missouri 64108
816.474.0900 www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

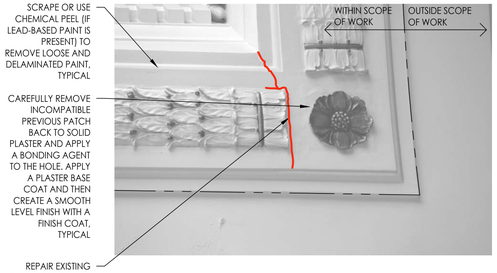
SHEET TITLE:
LAYLIGHT S1 EXISTING CONDITIONS PHOTOGRAPHS

SHEET NUMBER:
A203
12 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022

TYPICAL: PROPERLY PREPARE ORNAMENTAL PLASTER FRAME PER SPECIFICATION SECTION 090320 "HISTORIC TREATMENT OF PLASTER," PRIME AND PAINT DECORATIVE PLASTER TO MATCH THE EXISTING COLOR (SPECIFICATION SECTION 099123)

4 LAYLIGHT S1 - TYPICAL PLASTER CONDITION

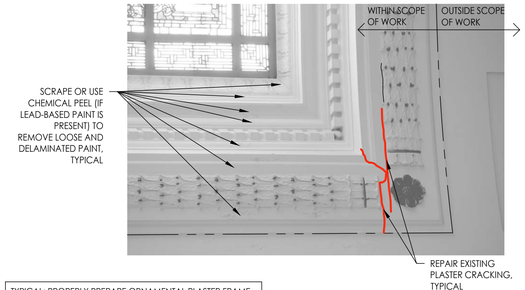
N.T.S.



TYPICAL: PROPERLY PREPARE ORNAMENTAL PLASTER FRAME PER SPECIFICATION SECTION 090320 "HISTORIC TREATMENT OF PLASTER," PRIME AND PAINT DECORATIVE PLASTER TO MATCH THE EXISTING COLOR (SPECIFICATION SECTION 099123)

5 LAYLIGHT S1 - TYPICAL PLASTER CONDITION

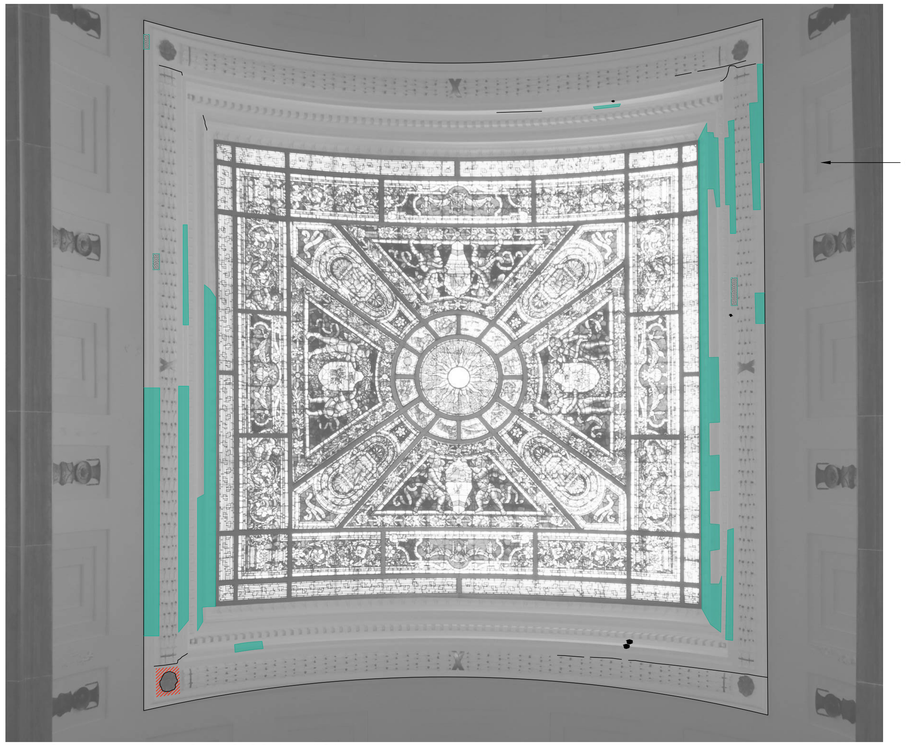
N.T.S.



TYPICAL: PROPERLY PREPARE ORNAMENTAL PLASTER FRAME PER SPECIFICATION SECTION 090320 "HISTORIC TREATMENT OF PLASTER," PRIME AND PAINT DECORATIVE PLASTER TO MATCH THE EXISTING COLOR (SPECIFICATION SECTION 099123)

6 LAYLIGHT S1 - TYPICAL PLASTER CONDITION

N.T.S.



1 LAYLIGHT S1 - ORNAMENTAL PLASTER FRAME EXISTING CONDITION

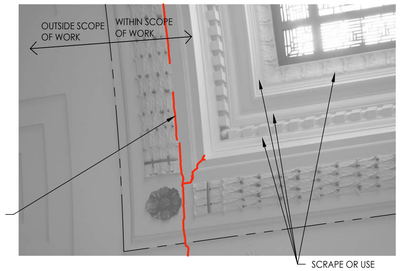
N.T.S.

TYPICAL: PROPERLY PREPARE ORNAMENTAL PLASTER FRAME PER SPECIFICATION SECTION 090320 "HISTORIC TREATMENT OF PLASTER," PRIME AND PAINT DECORATIVE PLASTER TO MATCH THE EXISTING COLOR (SPECIFICATION SECTION 099123)

LEGEND:

- PATCH EXISTING LARGE CHIPS/GOUGES (LARGER THAN $\frac{1}{2}$") WITH A PLASTER FINISH COAT TO CREATE A SMOOTH LEVEL
- CAREFULLY REMOVE INCOMPATIBLE PREVIOUS PATCH BACK TO SOLID PLASTER AND APPLY A BONDING AGENT TO THE HOLE, APPLY A PLASTER BASE COAT AND THEN CREATE A SMOOTH LEVEL FINISH WITH A FINISH COAT
- REPAIR EXISTING PLASTER CRACKING
- SCRAPE OR USE CHEMICAL PEEL (IF LEAD-BASED PAINT IS PRESENT) TO REMOVE LOOSE AND DELAMINATED PAINT

N.T.S.

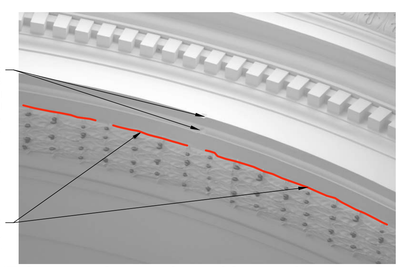


TYPICAL: PROPERLY PREPARE ORNAMENTAL PLASTER FRAME PER SPECIFICATION SECTION 090320 "HISTORIC TREATMENT OF PLASTER," PRIME AND PAINT DECORATIVE PLASTER TO MATCH THE EXISTING COLOR (SPECIFICATION SECTION 099123)

3 LAYLIGHT S1 - TYPICAL PLASTER CONDITION

N.T.S.

TYPICAL: PROPERLY PREPARE ORNAMENTAL PLASTER FRAME PER SPECIFICATION SECTION 090320 "HISTORIC TREATMENT OF PLASTER," PRIME AND PAINT DECORATIVE PLASTER TO MATCH THE EXISTING COLOR (SPECIFICATION SECTION 099123)



2 LAYLIGHT S1 - TYPICAL PLASTER CONDITION

N.T.S.

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
1701 Oak Street, Suite 100 Kansas City, Missouri 64108
816.474.0900 — www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

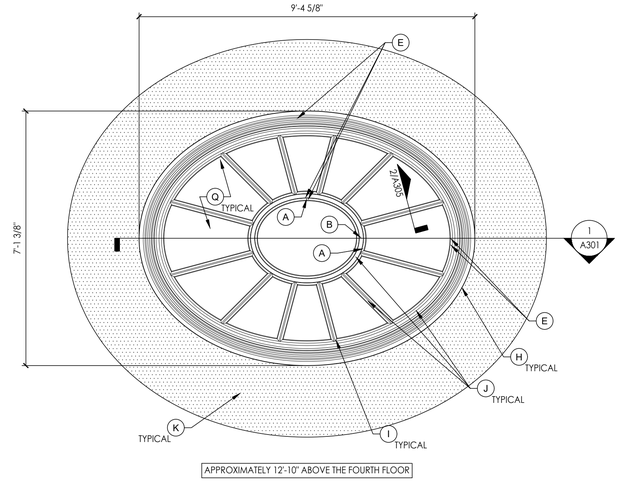
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

SHEET TITLE:
LAYLIGHT S1 EXISTING CONDITIONS PHOTOGRAPHS

SHEET NUMBER:
A204

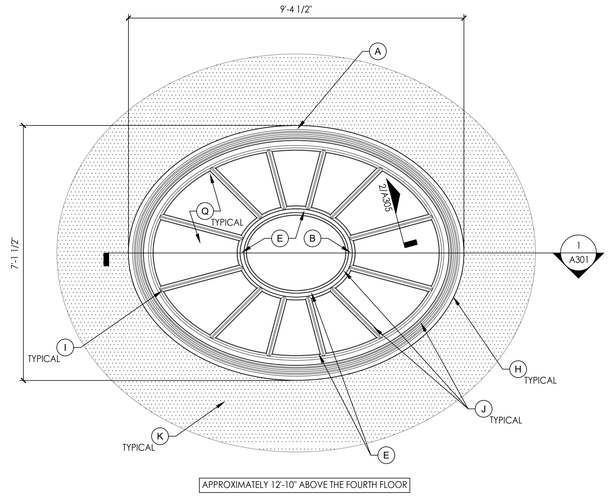
13 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022



3 LAYLIGHT S4 - REFLECTED CEILING PLAN

Scale: 1/2" = 1'-0"

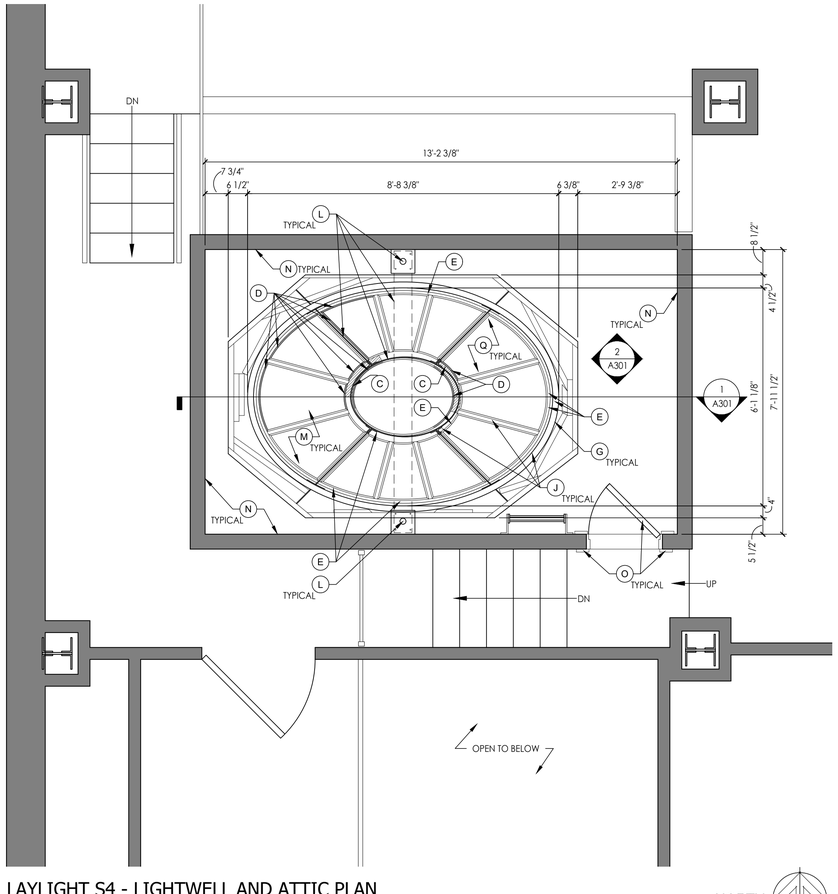
NORTH



4 LAYLIGHT S5 - REFLECTED CEILING PLAN

Scale: 1/2" = 1'-0"

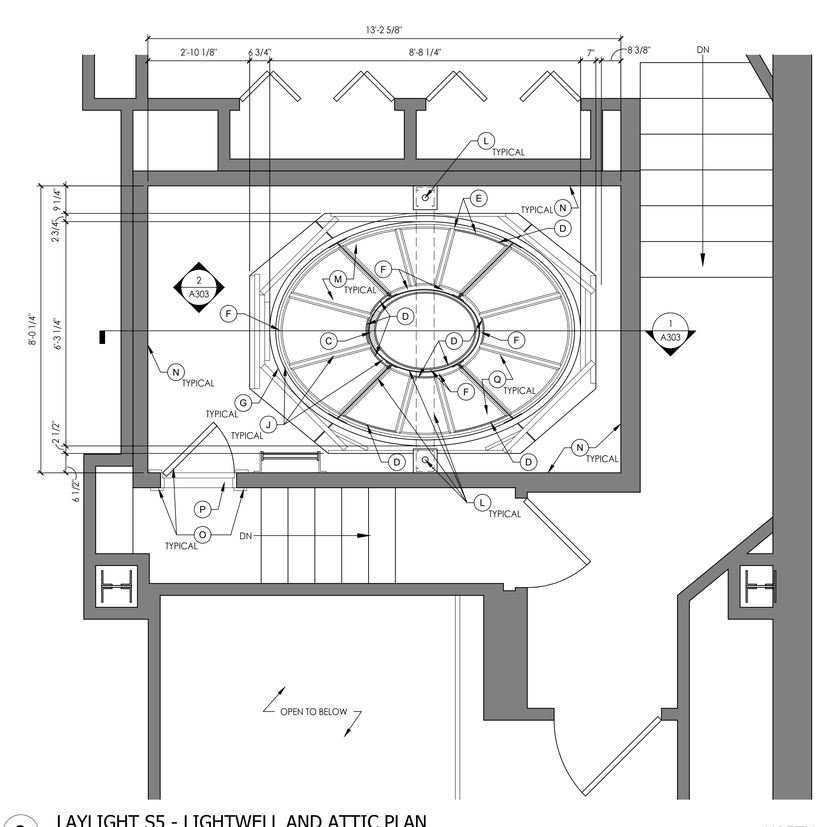
NORTH



1 LAYLIGHT S4 - LIGHTWELL AND ATTIC PLAN

Scale: 1/2" = 1'-0"

NORTH



2 LAYLIGHT S5 - LIGHTWELL AND ATTIC PLAN

Scale: 1/2" = 1'-0"

NORTH

GENERAL NOTES:

- GENERAL CONTRACTOR IS TO PROVIDE THOROUGH PHOTOGRAPHIC DOCUMENTATION OF LAYLIGHTS, LIGHTWELL, AND PLASTER CEILINGS TO ILLUSTRATE EXISTING CONDITIONS PRIOR TO START OF CONSTRUCTION AND DELIVER TO THE OWNER IN DIGITAL FORMAT. REFERENCE SPECIFICATION SECTION 013233.
- PROTECT ORIGINAL HISTORIC MATERIALS FROM DAMAGE THROUGHOUT CONSTRUCTION. ANY DAMAGE AT THE INTERIORS DUE TO CONSTRUCTION SCOPE OF WORK IS TO BE REPAIRED IN-KIND TO THE OWNER'S SATISFACTION AT NO ADDITIONAL COST.
- LEAD-BASED PAINT WAS NOTED TO BE REMOVED IN THE 1990s. CONDUCT ADDITIONAL TESTING IF LEAD-BASED PAINT IS SUSPECTED.
- CLEAN 100% OF BOTH SIDES OF THE LAYLIGHT, INCLUDING BUT NOT LIMITED TO THE GLAZING, WOOD FRAME, AND STEEL SUPPORT FRAME.
- CLEAN 100% OF THE DUST AND DIRT FROM THE FLOOR OF THE LIGHTWELL.

LAYLIGHTS S4/S5 KEYNOTES:

A. REPAIR EXISTING FAILING AND IMPROPERLY INSTALL PREVIOUS PATCHES BY REMOVING THE EXISTING PATCH AND APPLY WOOD CONSOLIDANT EPOXY IN THE AREA.

B. REPAIR EXISTING WOOD DAMAGE WITH A WOOD CONSOLIDANT EPOXY.

C. REMOVE SECTION OF LAYLIGHT FRAME WITH SIGNIFICANT WATER DAMAGE AND REPLACE IN-KIND. CURVE OR BEND THE WOOD AS REQUIRED TO MATCH THE EXISTING FRAME SHAPE WITHOUT BREAKING INTO SMALL SEGMENTED PIECES.

D. REMOVE DAMAGED OR SMALL REPLACEMENT WOOD STOPS AND INSTALL NEW WOOD STOPS. NEW WOOD STOPS TO BE INSTALLED IN AS LONG AS POSSIBLE SECTIONS.CURVE OR BEND THE WOOD AS REQUIRED TO MATCH THE EXISTING FRAME SHAPE WITHOUT BREAKING INTO SMALL SEGMENTED PIECES.

E. FILL CHECKS IN THE WOOD FRAME AND MUNTINS WITH A WOOD CONSOLIDANT EPOXY.

F. REMOVE SECTIONS OF MUNTINS WITH FULL DEPTH CHECK AND REPLACE IN-KIND. CURVE OR BEND THE WOOD AS REQUIRED TO MATCH THE EXISTING FRAME SHAPE WITHOUT BREAKING INTO SMALL SEGMENTED PIECES.

G. INFILL THE JOINT BETWEEN THE CONCRETE DECK AND THE LAYLIGHT FRAME WITH SEALANT.

H. INFILL THE JOINT BETWEEN THE PLASTER CEILING AND THE LAYLIGHT FRAME WITH SEALANT.

I. FILL JOINTS IN THE FRAME AND THE MUNTINS (PUBLIC SIDE ONLY) WITH A WOOD FILLER TO ENSURE THAT NONE OF THE JOINTS ARE OPEN.

J. PROPERLY PREPARE WOOD FRAME AS REQUIRED TO CREATE A SMOOTH SURFACE. PRIME AND PAINT TO MATCH THE EXISTING COLOR.

K. PROPERLY PREPARE PLASTER CEILING AND ACOUSTICAL COATING. PRIME AND PAINT CEILING TO MATCH EXISTING COLOR.

L. PRIME AND PAINT STEEL SUPPORT FRAME TO MATCHING EXISTING COLOR.

M. INSTALL NEW 1/4" PLASTIC GLAZING (PG-1) OVER THE TOP OF THE LAYLIGHT PER DETAIL 1/A305. INSTALL PLASTIC GLAZING IN AS LARGE OF SECTIONS AS POSSIBLE. WHERE A JOINT IS NEEDED, PLACE THE JOINT TO CORRESPOND WITH A MUNTIN IN THE LAYLIGHT. SEAL BETWEEN THE SEPARATE PIECES OF PLASTIC GLAZING WITH A CLEAR SEALANT.

N. INSTALL NEW METAL LATH AND 2 COAT PLASTER SYSTEM. PREP, PRIME, AND PAINT PLASTER WALLS TO MATCHING EXISTING COLOR.

O. PREP, PRIME, AND PAINT HISTORIC LIGHTWELL DOOR, FRAME, AND TRIM (BOTH SIDES OF DOOR, FRAME, AND TRIM).

P. REPAIR AND REINSTALL EXISTING DOOR THRESHOLD.

Q. REINSTALL EXISTING 1/4" PLASTIC GLAZING IN ORIGINAL LOCATION.

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
1701 Oak Street, Suite 100 Kansas City, Missouri 64108
816.474.0900 — www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

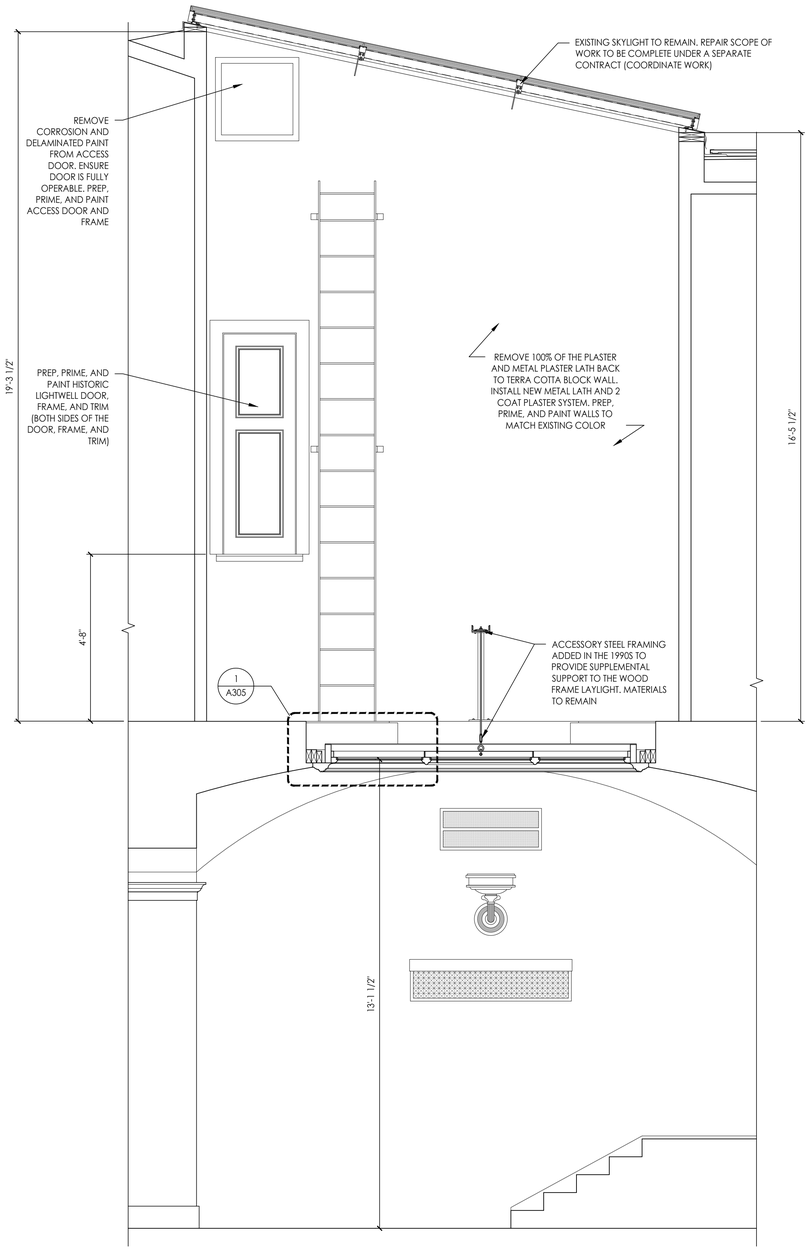
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

SHEET TITLE:
LAYLIGHTS S4/S5 ENLARGED PLAN AND REFLECTED CEILING PLAN

SHEET NUMBER:
A300

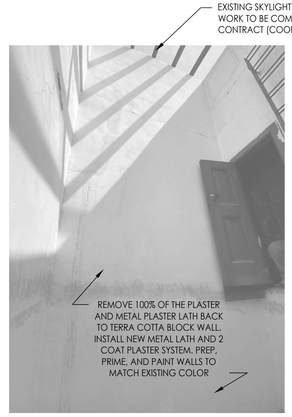
14 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022



1 LAYLIGHT S4 SECTION

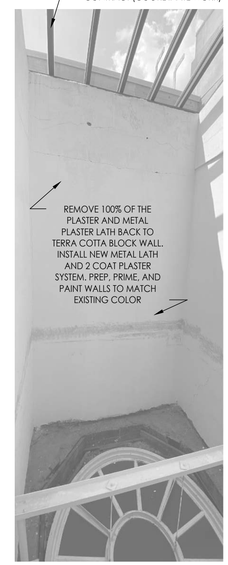
Scale: 1/2" = 1'-0"

NORTH ELEVATION



EAST ELEVATION

SOUTH ELEVATION



WEST ELEVATION

2 LAYLIGHT S4 LIGHTWELL ELEVATIONS

N.T.S.

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
1701 Oak Street, Suite 100 Kansas City, Missouri 64108
816.474.0900 — www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

SHEET TITLE:
LAYLIGHT S4 SECTION AND ELEVATIONS

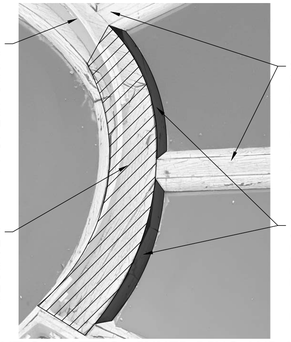
SHEET NUMBER:
A301
15 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022

7 LAYLIGHT S4 - INNER RING AND MUNTIN

N.T.S.

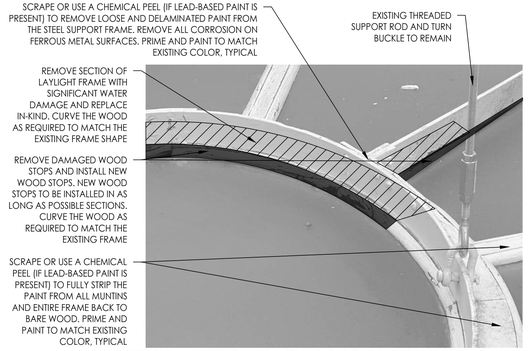
8 LAYLIGHT S4 - ATTIC - OUTER FRAME AND MUNTIN

N.T.S.



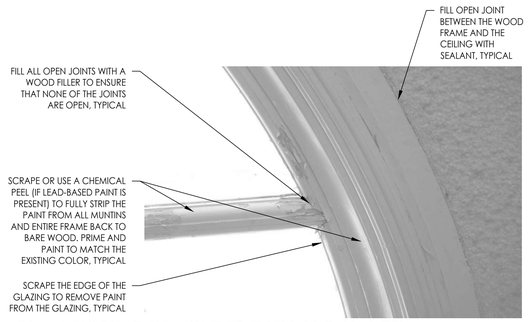
9 LAYLIGHT S4 - ATTIC - INNER RING AND MUNTINS

N.T.S.



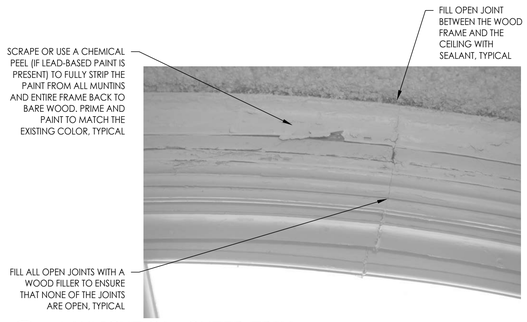
10 LAYLIGHT S4 - ATTIC - INNER RING AND MUNTINS

N.T.S.



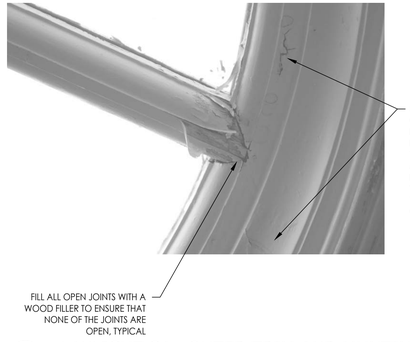
3 LAYLIGHT S4 - OUTER TRIM AND MUNTIN

N.T.S.



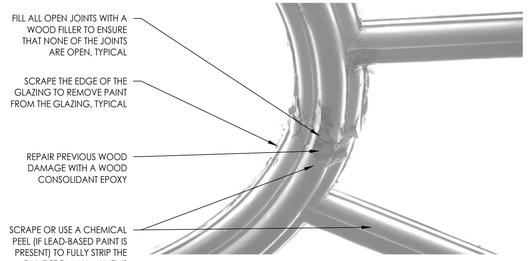
4 LAYLIGHT S4 - OUTER TRIM

N.T.S.



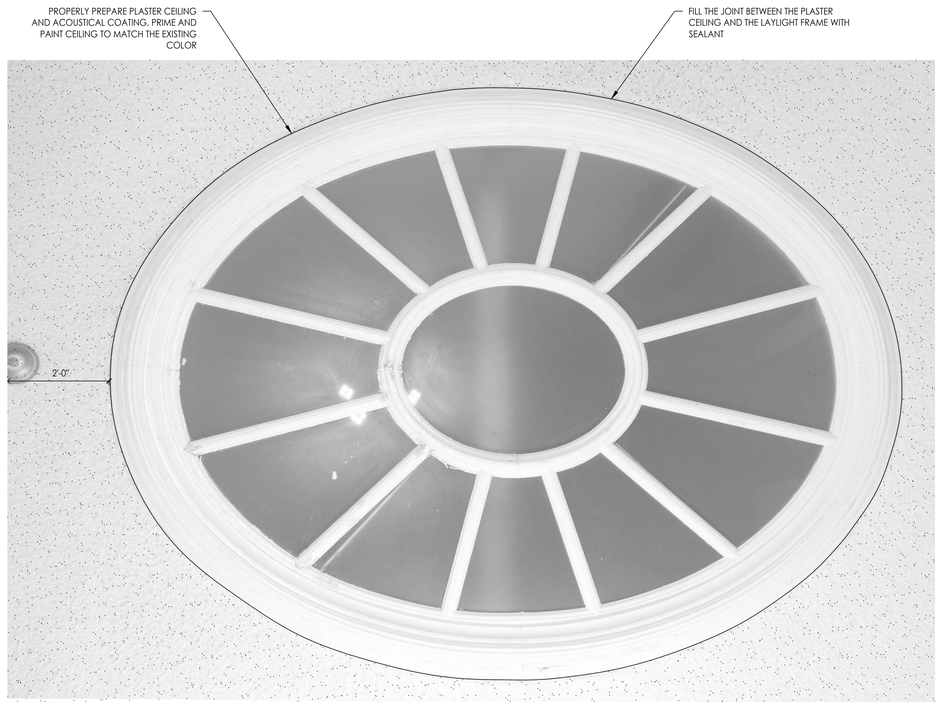
5 LAYLIGHT S4 - OUTER TRIM AND MUNTIN

N.T.S.



6 LAYLIGHT S4 - INNER RING AND MUNTINS

N.T.S.



1 LAYLIGHT S4 - PUBLIC SIDE

N.T.S.

2 LAYLIGHT S4 - ATTIC SIDE/LIGHTWELL

N.T.S.

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
1701 Oak Street, Suite 100 Kansas City, Missouri 64108
816.474.0900 — www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

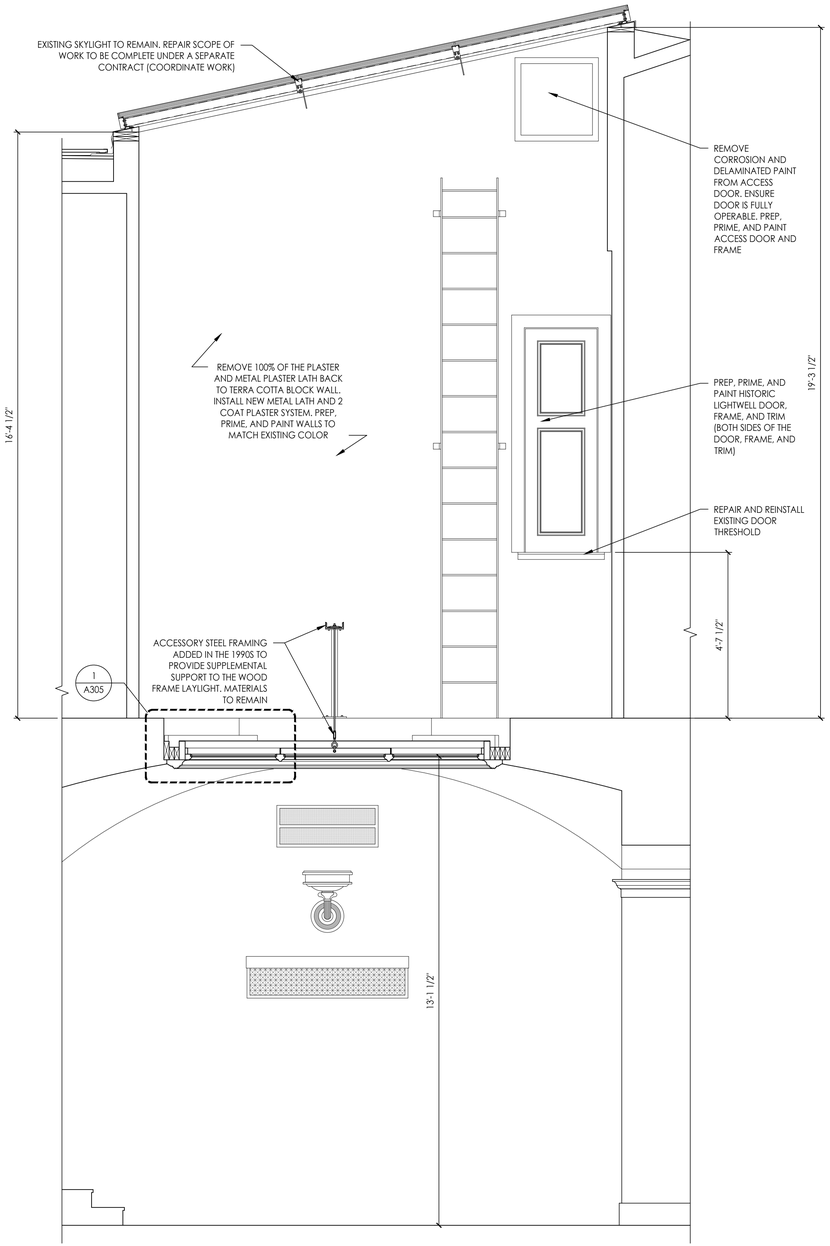
PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

SHEET TITLE:
LAYLIGHT S4 EXISTING CONDITIONS PHOTOGRAPHS

SHEET NUMBER:
A302
16 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022

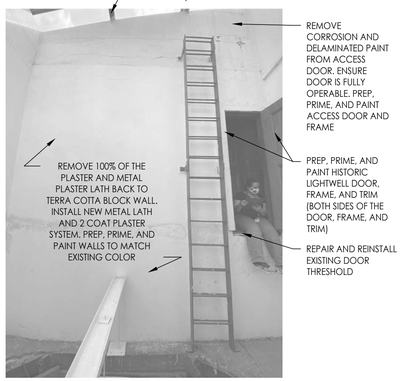


1 LAYLIGHT S5 SECTION

Scale: 1/2" = 1'-0"

NORTH ELEVATION

EAST ELEVATION



SOUTH ELEVATION

WEST ELEVATION

2 LAYLIGHT S5 LIGHTWELL ELEVATIONS

N.T.S.

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
1701 Oak Street, Suite 100 Kansas City, Missouri 64108
816.474.0900 — www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

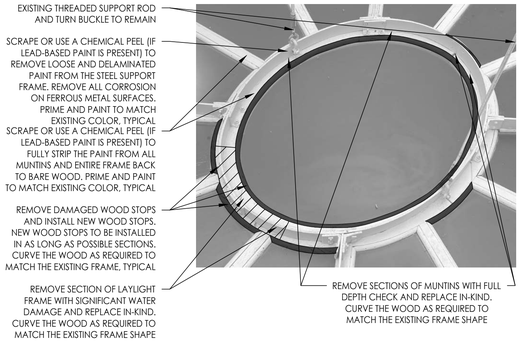
PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

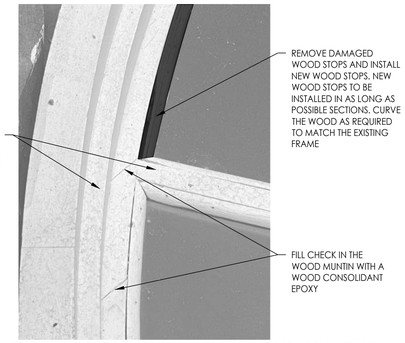
SHEET TITLE:
LAYLIGHT S5 SECTION AND ELEVATIONS

SHEET NUMBER:
A303
17 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022



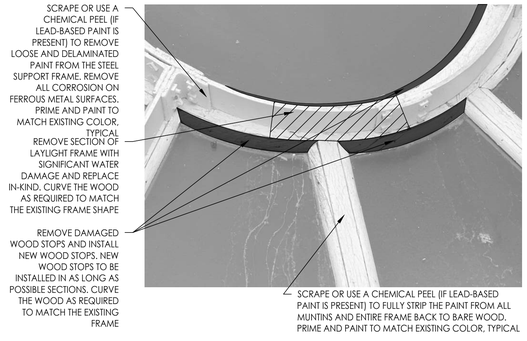
7 LAYLIGHT S5 - ATTIC - OUTER FRAME AND MUNTIN

N.T.S.



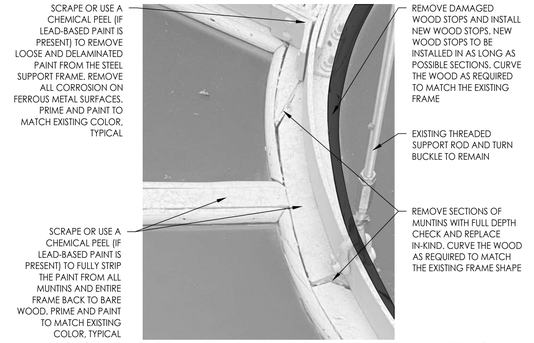
8 LAYLIGHT S5 - ATTIC - OUTER FRAME AND MUNTIN

N.T.S.



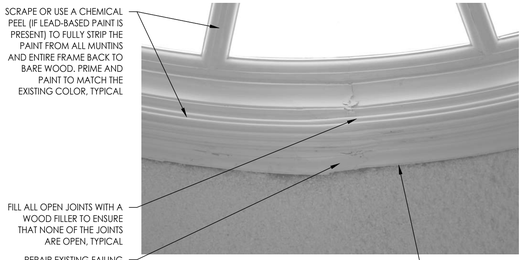
9 LAYLIGHT S5 - ATTIC - INNER RING AND MUNTINS

N.T.S.



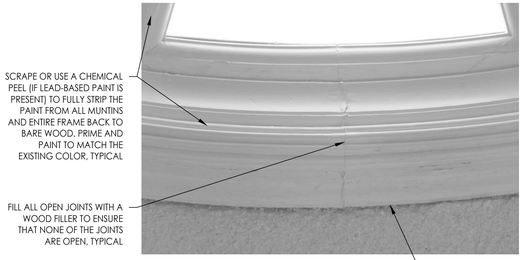
10 LAYLIGHT S5 - ATTIC - INNER RING AND MUNTINS

N.T.S.



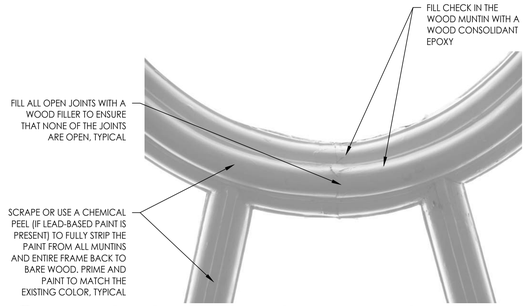
3 LAYLIGHT S5 - OUTER TRIM AND MUNTINS

N.T.S.



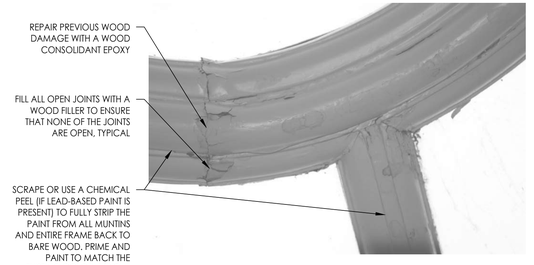
4 LAYLIGHT S5 - OUTER TRIM

N.T.S.



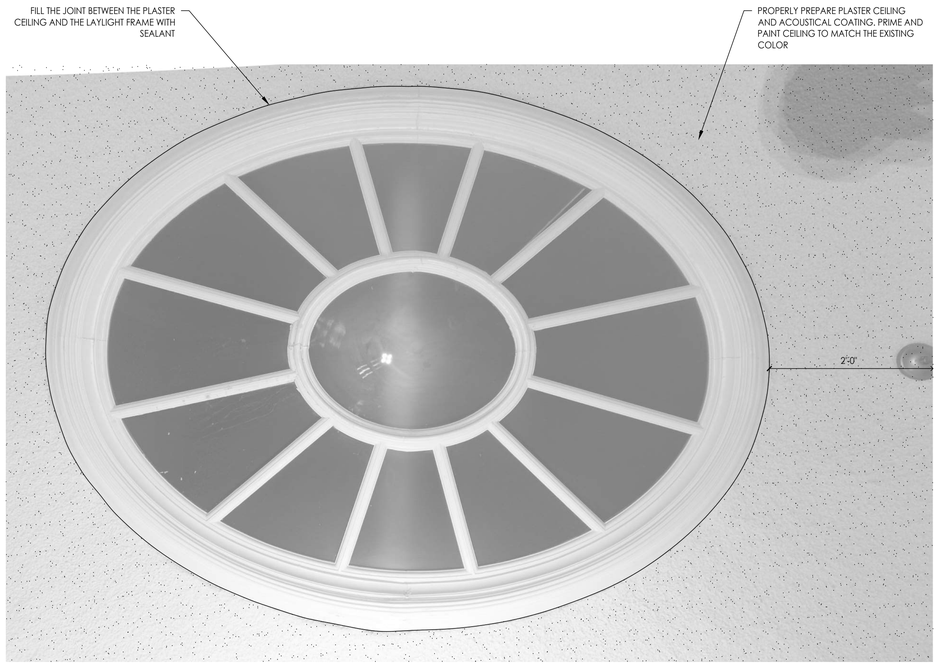
5 LAYLIGHT S5 - INNER RING AND MUNTINS

N.T.S.



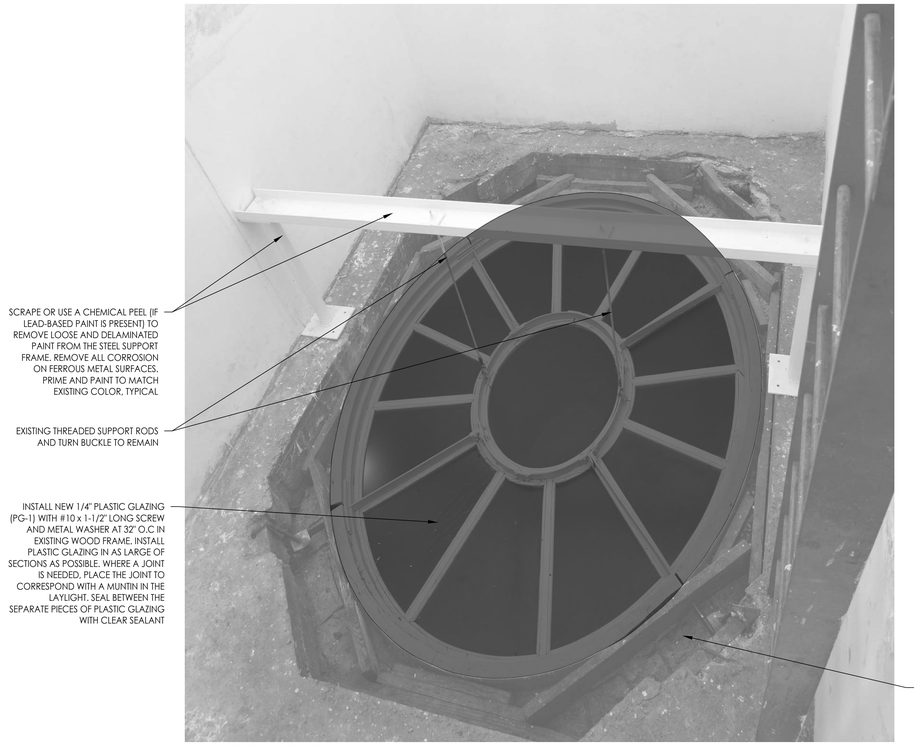
6 LAYLIGHT S5 - INNER RING AND MUNTIN

N.T.S.



1 LAYLIGHT S5 - PUBLIC SIDE

N.T.S.



2 LAYLIGHT S5 - ATTIC SIDE/LIGHTWELL

N.T.S.

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
1701 Oak Street, Suite 100 Kansas City, Missouri 64108
816.474.0900 www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

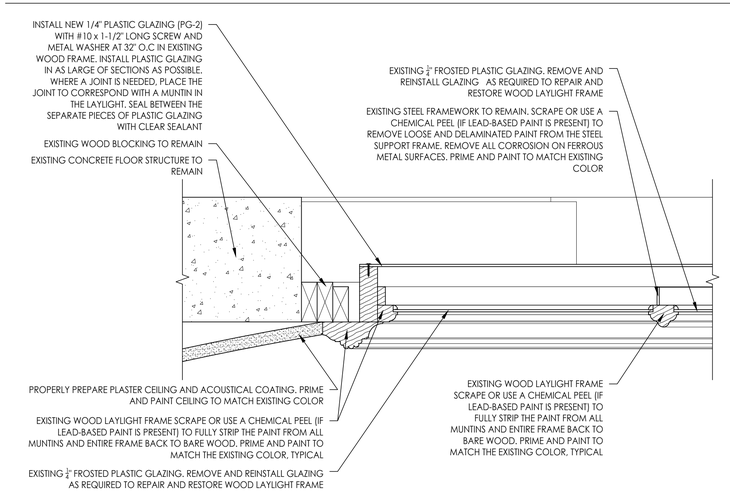
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

SHEET TITLE:
LAYLIGHT S5 EXISTING CONDITIONS PHOTOGRAPHS

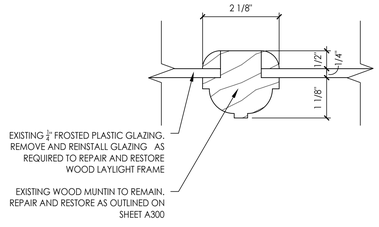
SHEET NUMBER:
A304

18 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022



1 LAYLIGHTS S4/S5 DETAIL

Scale: 1-1/2" = 1'-0"



2 LAYLIGHTS S4/S5 MUNTIN DETAIL

Scale: 6" = 1'-0"

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
TRUDY R. FAULKNER
NUMBER A-2010030288
ARCHITECT

04/20/2022

Trudy R. Faulkner - Architect
MO# A-2010030288

STRATA
ARCHITECTURE + PRESERVATION
— 1701 Oak Street, Suite 100 Kansas City, Missouri 64108 —
816.474.0900 — www.strata-arch.com

Missouri State Certificate of Authority: #2009024884

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: TF/AM
DRAWN BY: TF/AM
CHECKED BY: TF/AM
DESIGNED BY: TF

SHEET TITLE:
LAYLIGHTS S4/S5 DETAILS

SHEET NUMBER:
A305
19 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022

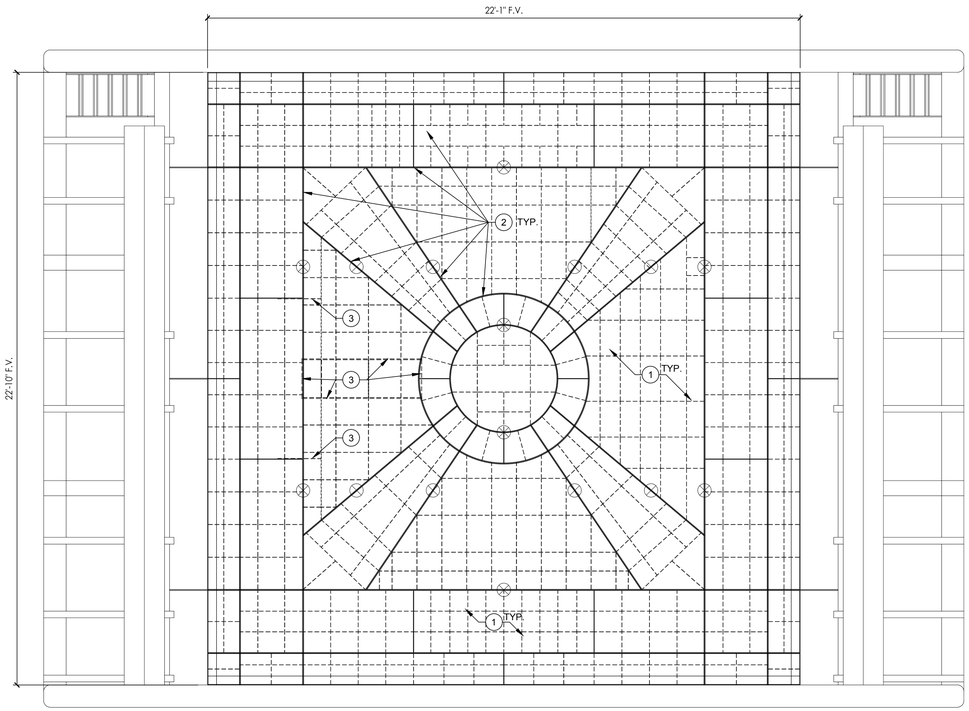
GENERAL NOTES:

1. GENERAL INFORMATION
   A. The contractor shall verify dimensions and conditions before construction and notify the engineer of any discrepancies, inconsistencies, or difficulties affecting the work before proceeding.
   B. All design and construction work for this project shall conform to the requirements of the following governing design codes:
      1. International Building Code (IBC 2018) as amended by the State of Missouri.
      2. Minimum Design Loads for Buildings and Other Structures (ASCE7-16)
      3. Specification for Structural Steel Buildings (AISC 360-16)
         Member Design Basis is Allowable Stress Design (ASD)
         Connection Design Basis is Allowable Stress Design (ASD)
      4. Structural Welding Code (AWS D1.4)
   D. These drawings are for this specific project and no other use is authorized.

2. STRUCTURAL STEEL
   A. All structural steel shall be ASTM A36 grade steel. Fabrication and erection shall be in accordance with AISC 303-16 "Code of Standard Practice for Steel Buildings and Bridges" in the 15th Edition of the AISC Steel Construction Manual.
   B. All welding shall conform to the recommendations of the AWS.
   C. All steel in direct contact with stained glass shall be hot-dip galvanized.

3. DEFERRED SUBMITTAL AND SHOP DRAWING
   A. Bob D. Campbell and Company, Inc. will review the General Contractor's (GC) shop drawings and related submittals (as indicated below) with respect to the ability of the detailed work, when complete, to be a properly functioning integral element of the overall structural system designed by Bob D. Campbell and Company, Inc.
   B. Prior to submittal of a shop drawing or any related material to Bob D. Campbell and Company, Inc., the GC shall:
      1. Review each submission for conformance with the means, methods, techniques, sequences and operations of construction and safety precautions and programs incidental thereto, all of which are the sole responsibility of the GC.
      2. Review and approve each submission.
      3. Stamp each submission as approved.
   C. Bob D. Campbell and Company, Inc. shall assume that no submission comprises a variation unless the GC advises Bob D. Campbell and Company, Inc. with written documentation.
   D. Bob D. Campbell and Company, Inc. shall review shop drawings and related materials with comments provided that each submission has met the above requirements. Bob D. Campbell and Company, Inc. shall return without comment unrequired material or submissions without GC approval stamp.
   E. Shop drawings and related material (if any) required are indicated below. Should Bob D. Campbell and Company, Inc. require more than ten (10) working days to perform the review, Bob D. Campbell and Company, Inc. shall so notify the GC.
      1. Structural steel shop drawings including erection drawings and piece details. Include miscellaneous framing specified on the structural drawings, but do not submit framing specified on non-structural drawings for Bob D. Campbell and Company, Inc. review.

4. COPYRIGHT AND DISCLAIMER
   A. All drawings in the structural set (S-series drawings) are the copyrighted work of Bob D. Campbell and company, Inc. These drawings may not be photographed, traced, or copies in any manner without the written permission of Bob D. Campbell and Company, Inc. Exception: Original drawings may be printed for distribution to the owner, architect, and general contractor for coordination, bidding, and construction. Subcontractors may not reproduce these drawings for any purpose or in any manner.
   B. I, Richard C. Crabtree, P.E., registered engineer and a representative of Bob D. Campbell and Company, Inc., do hereby accept professional responsibility as required by the professional registration laws of this state for the structural design drawings consisting of S-series drawings. I hereby disclaim responsibility for all other drawings in the construction document package, they being the responsibility of other design professionals whose seals and signed statements may appear elsewhere in the construction document package.



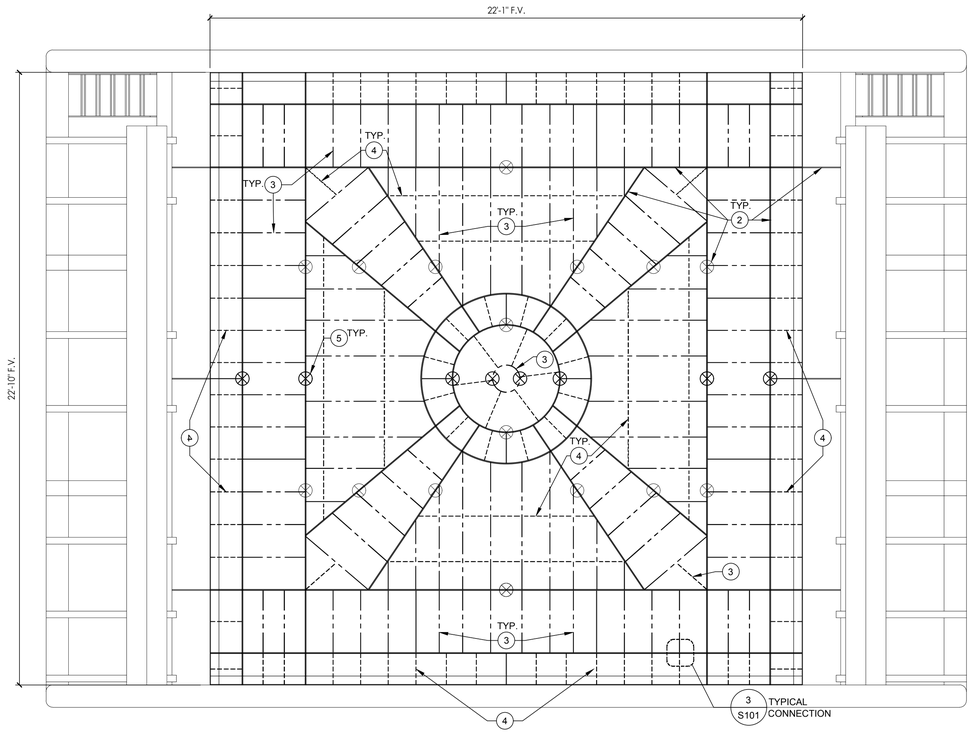
1 LAYLIGHT S1 - DEMO PLAN

Scale: 3/8" = 1'-0"

NORTH

LAYLIGHT S1 DEMOLITION KEYNOTES:

1. REMOVE ALL "SECONDARY STEEL GRID MEMBERS". SECONDARY STEEL GRID MEMBERS ARE DEFINED AS RECTANGULAR BARS LESS THAN OR EQUAL TO 1" IN DEPTH AND A THICKNESS LESS THAN OR EQUAL TO 3/16". SECONDARY STEEL GRID MEMBERS ARE SHOWN AS DASHED LINES (- - - - - -) IN THE PLAN ABOVE.
2. PRIMARY STEEL MEMBERS ARE TO REMAIN. PRIMARY STEEL MEMBERS ARE DEFINED AS RECTANGULAR BARS OR ANGLES WITH DEPTHS GREATER THAN 1" AND THICKNESS GREATER THAN 3/16". PRIMARY STEEL IS SHOWN IN SOLID LINES (———) .
3. THE "LADDER" STRUCTURE ABOVE THE WEST TRAPEZOIDAL BAY IS TO BE REMOVED. THE LADDER STRUCTURE CONSISTS OF A STEEL RECTANGULAR FRAME ROUGHLY 2" IN DEPTH SITTING ATOP PRIMARY MEMBERS AND (2) APPROX. 2"x¼" RECTANGULAR MEMBERS CANTILEVERING OVER PRIMARY MEMBERS SHOWN THUS.
4. EXISTING ½" DIA. HANGERS CONNECTING PRIMARY MEMBERS TO ROOF BEAMS TO REMAIN. (16) SHOWN THUS ⊗ .



2 LAYLIGHT S1 - NEW STRUCTURAL GRID PLAN

Scale: 3/8" = 1'-0"

NORTH

LAYLIGHT S1 NEW SECONDARY GRID KEYNOTES:

1. QUANTITY & LOCATION OF SECONDARY GRID STEEL SHOWN FOR BIDDING PURPOSES ONLY. FINAL LOCATION OF NEW RECTANGULAR BARS TO BE COORDINATED W/ STAINED GLASS CONSULTANT.
2. EXISTING PRIMARY MEMBERS AND EXISTING HANGERS AS DESCRIBED IN DETAIL 1/S100 TO REMAIN.
3. NEW 1"x3/16" GALV. BAR (SHOWN THUS —— - - ——)
4. NEW ¾"x3/16" GALV. BAR. (SHOWN THUS - - - - - - - - -)
5. NEW ½" DIA. ALL THREAD HANGER ROD CONNECTING TO ROOF FRAMING PER 2/S101. (8) SHOWN THUS ⊗.
6. CONNECTIONS PER DETAILS ON SHEET S101.

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
RICHARD C. CRABTREE NUMBER E-027441
REGISTERED PROFESSIONAL ENGINEER
4/20/22

STRATA
ARCHITECTURE + PRESERVATION
— 1701 Oak Street, Suite 100 Kansas City, Missouri 64108 —
816.474.0900 — www.strata-arch.com

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

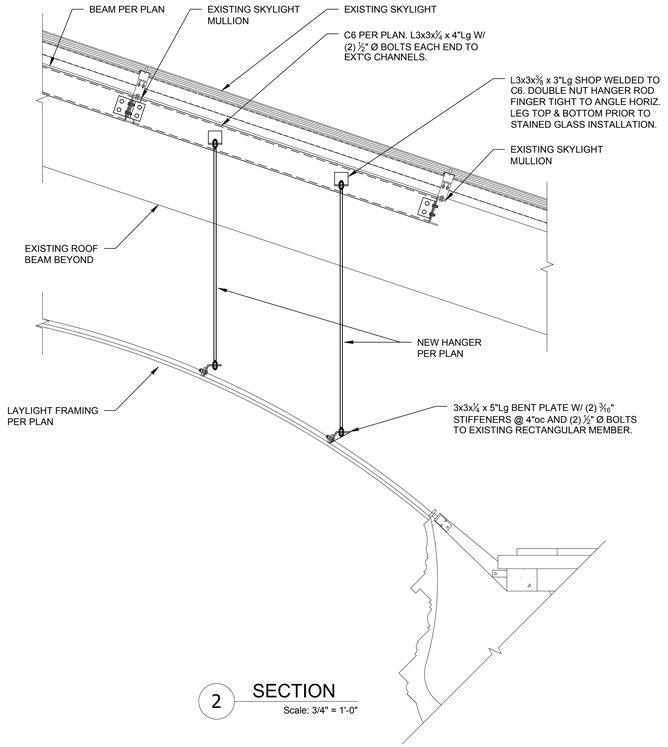
ISSUE DATE: 4/20/2022

CAD DWG FILE: MLF/RCC
DRAWN BY: MLF
CHECKED BY: RCC
DESIGNED BY: MLF/RCC

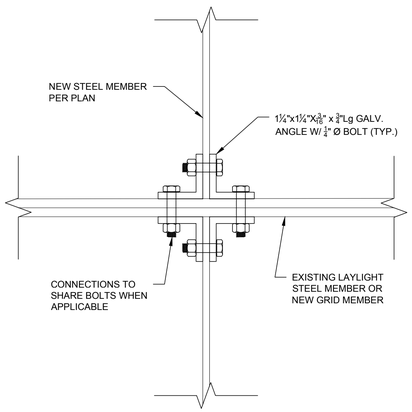
SHEET TITLE:
LAYLIGHT S1 GENERAL NOTES AND FRAMING PLANS

SHEET NUMBER:
S100

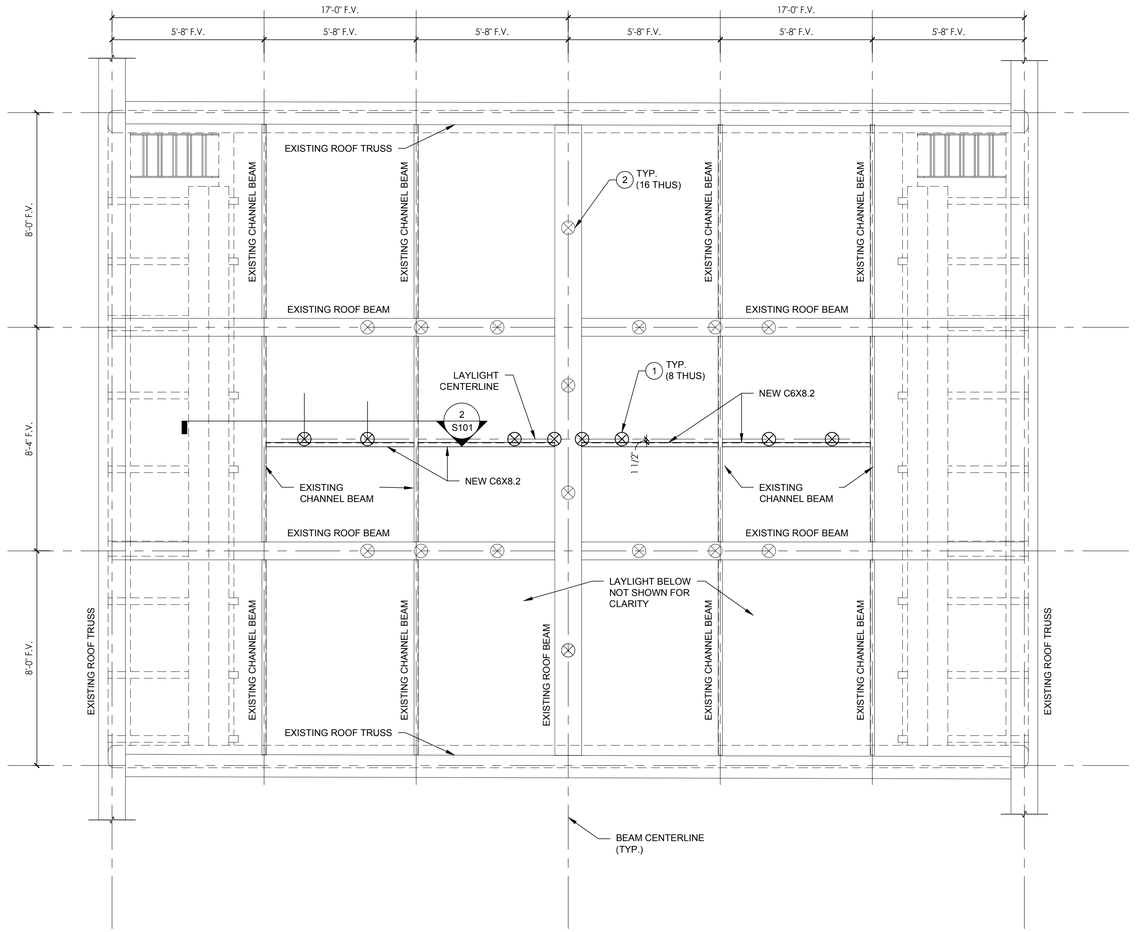
20 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022



2 SECTION
Scale: 3/4" = 1'-0"



3 DETAIL
Scale: 6" = 1'-0"



1 LAYLIGHT S1 - ROOF FRAMING PLAN
Scale: 3/8" = 1'-0"

NORTH

LAYLIGHT S1 NEW SECONDARY GRID KEYNOTES:

1. NEW ½" DIA. ALL THREAD HANGER ROD CONNECTING TO ROOF FRAMING PER 2/S101. (8) SHOWN THUS ⊗.
2. EXISTING ½" DIA. HANGERS CONNECTING PRIMARY MEMBERS TO ROOF BEAMS TO REMAIN. (16) SHOWN THUS ⊗.

STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

STATE OF MISSOURI
RICHARD C. CRABTREE
NUMBER E-027441
REGISTERED ARCHITECT
4/20/22

STRATA
ARCHITECTURE + PRESERVATION
— 1701 Oak Street, Suite 100 Kansas City, Missouri 64108 —
816.474.0900 — www.strata-arch.com

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

PROJECT TITLE
STAINED GLASS LAYLIGHT RESTORATION AND WOOD LAYLIGHT REPAIRS

MISSOURI STATE CAPITOL

JEFFERSON CITY, MISSOURI

PROJECT # O2040-02
ASSET # 31010001040 - CAPITOL BUILDING

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 4/20/2022

CAD DWG FILE: MLF/RCC
DRAWN BY: MLF
CHECKED BY: RCC
DESIGNED BY: MLF/RCC

SHEET TITLE:
LAYLIGHT S1 ROOF FRAMING PLAN AND SECTIONS

SHEET NUMBER:
S101
21 OF 21 SHEETS
CONSTRUCTION DOCUMENTS
APRIL 20, 2022