PLANNING & DEVELOPMENT DEPARTMENT
2 WOODWARD AVE SUITE 808, DETROIT, MI 48226

HISTORIC DISTRICT COMMISSION

CERTIFICATE OF APPROPRIATENESS

Application Number: HDC2026-00385

Effective Date: 8/18/2026

Project Address: 1000 ST. ANNE AND 2635 W LAFAYETTE

Issued to: Jessica Quijano
113 S Fourth Ave.
Ann Arbor, MI 48104

Historic District: Ste. Anne's Parish Complex

Description of Work:

Complete interior and exterior work at Basilica per attached documents

COA

With the Conditions that:

1. Any new electrical conduit associated with the proposed new exterior and interior light fixtures shall be minimally visible and be installed in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired. The applicant shall submit final drawings to HDC staff for review and approval which outline details for the new conduit prior to the issuance of the permit for the item.

Pursuant to Section 5 of the Michigan Local Historic District Act, as amended, being MCL 399.205 and Sections 21-2-73/21-2-78 of the 2019 Detroit City Code, the Detroit Historic District Commission has duly reviewed the above referenced application at a Public Meeting held on **08/12/26** and hereby issues a Certificate of Appropriateness for the work described above, as it meets the Secretary of the Interior's Standards for Rehabilitation and the district's Elements of Design.

For the Commission:

Garrick Landsberg
Director of Staff, Historic District Commission

PSR: Jennifer 260820jr

Post this COA at the subject property until work is complete. It is important to note that approval by the DHDC does not waive the applicant's responsibility to comply with any other applicable ordinances or statutes.

HISTORIC DISTRICT COMMISSION
ADDITIONAL INFORMATION REQUEST

City of Detroit - Planning & Development Department
2 Woodward Avenue, Suite 808
Detroit, Michigan 48226

Date: 7/21/2026

Application Number: HDC2026-00385

APPLICANT & PROPERTY INFORMATION

NAME: Jessica Quijano		**COMPANY NAME:** HopkinsBurns Design Studio	
ADDRESS: 113 S Fourth Ave.	**CITY:** Ann Arbor	**STATE:** MI	**ZIP:** 48104
PROJECT ADDRESS: 1000 ST. ANNE AND 2635 W LAFAYETTE			
HISTORIC DISTRICT: Ste. Anne's Parish Complex			

REQUESTED INFORMATION

We have received your application, but it is not yet complete for review. Please provide additional details based on the comments and questions listed below. Should you need to attach additional files per this request, use the paperclip icons at the end of this form. You may attach up to (5) files per icon up to 25MB:

The application is not yet complete. Please submit the following information on or before 7/23/2026, 12:00PM, if you would like the project to be reviewed by the Commission at their August 12, 2026 regular meeting:

-Current photos of the basilica, showing all four sides/elevations of the building
-Current photos of the existing toilet room which show all 4 walls, the flooring, and ceiling
-Photos showing the current floors at the basilica without the pews (if available)
-Please indicate the dimensions of the floor penetrations for the ducts at the main floor of the basilica
-Please provide cutsheets/dimensioned spec sheets for any proposed new exterior and/or exterior light fixtures

PSR: Jennifer 260721jr

APPLICANT RESPONSE

Response Date: 07/23/2026

The attached response PDF includes both the original submittal information (2026.07.17) as well as the additional information requested.

Docusign Envelope ID: 18B20959-88BF-89A2-8217-4B9573ECB5AB

HISTORIC DISTRICT COMMISSION
APPLICATION FOR WORK APPROVAL

City of Detroit - Planning & Development Department
2 Woodward Avenue, Suite 808
Detroit, Michigan 48226

APPLICATION ID
HDC2026-00385

PROPERTY INFORMATION

ADDRESS(ES): 1000 ST. ANNE AND 2635 W LAFAYETTE

HISTORIC DISTRICT: Ste. Anne's Parish Complex

SCOPE OF WORK: (Check ALL that apply)

- ☐ Windows/ Doors
- ☐ Walls/ Siding
- ☐ Painting
- ☐ Roof/Gutters/ Chimney
- ☐ Porch/Deck/Balcony
- ☒ Other
- ☐ Demolition
- ☐ Signage
- ☐ New Building
- ☐ Addition
- ☐ Site Improvements (landscape, trees, fences, patios, etc.)

BRIEF PROJECT DESCRIPTION:

Basilica:

1. Preserve, maintain, and repair existing historic interior features and finishes.
2. Renovate/reconfigure existing non-historic bathroom area located at base/ground floor of east tower.
3. Install new mechanical equipment required for new HVAC system in a manner that preserves the historic character of significant interior spaces, features, and finishes.
4. Restore existing lighting fixtures and install new lighting fixtures in a manner that preserves the historic character of significant interior and exterior spaces and features.

APPLICANT IDENTIFICATION

TYPE OF APPLICANT: Architect/Engineer/Consultant

NAME: Jessica Quijano	**COMPANY NAME:** HopkinsBurns Design Studio		
ADDRESS: 113 S Fourth Ave.	**CITY:** Ann Arbor	**STATE:** MI	**ZIP:** 48104
PHONE: +1 (734) 424-3344	**EMAIL:** jessica.quijano@hopkinsburns.com		

I AGREE TO AND AFFIRM THE FOLLOWING:

☒	I understand that the failure to upload all required documentation may result in extended review times for my project and/or a denied application.
☒	I understand that the review of this application by the Historic District Commission does not waive my responsibility to comply with any other applicable ordinances including obtaining appropriate permits (building, sign, etc.) or other department approvals prior to beginning the work.
☒	I hereby certify that the information on this application is true and correct. I certify that the proposed work is authorized by the owner of record and I have been authorized to make this application as the property owner(s) authorized agent.
☒	As required by the state Local Historic Districts Act, Act 169 of 1970 (MCL399.205), I hereby certify that the property where work will be undertaken has, or will have before the proposed project completion date, a fire alarm system or a smoke alarm complying with the requirements of the Stille-DeRossett-Hale single state construction code act, 1972 PA 230, MCL 125.1501 to 125.1531

SIGNATURE Jessica Quijano

DATE 07/13/2026

Docusign Envelope ID: 18B20959-88BF-89A2-8217-4B9573ECB5AB

NOTE: Based on the scope of work, additional documentation may be required. See www/detroitmi.gov/hdc **for scope-specific requirements.**

PROJECT DETAILS – TELL US ABOUT YOUR PROJECT

Instructions: Add project details using the text box in each section. If your details exceed the space provided, attach the details via the attachment icon for that section.

ePLANS PERMIT NUMBER:
(only applicable if you've already applied for permits through ePLANS) N/A

GENERAL

1. DESCRIPTION OF EXISTING CONDITION
Please tell us about the current appearance and conditions of the areas you want to change. You may use a few sentences or attach a separate prepared document on the right. (For example, "existing roof on my garage is covered in gray asphalt shingles in poor condition.")

See attached document(s):
"DETROIT HDC - Application - Proj Dtls_HDC2026-00385.pdf"

2. PHOTOGRAPHS
Help us understand your project. Please attach photographs of all areas where work is proposed.

3. DESCRIPTION OF PROJECT
In this box, tell us about what you want to do at the areas described above in box #1. (For example, Install new asphalt shingle roofing at garage.)

See attached document(s):
"DETROIT HDC - Application - Proj Dtls_HDC2026-00385.pdf"

4. DETAILED SCOPE OF WORK
In this box, please describe all steps necessary to complete the work described in box #3. (For example, "remove existing shingles, replace wood deck as necessary, replace wood eaves, install roof vents, replace rotted fascia boards, paint, clean worksite.")

See attached document(s):
"DETROIT HDC - Application - Proj Dtls_HDC2026-00385.pdf"

5. BROCHURES/CUT SHEETS
Please provide information on the products or materials you are proposing to install. For example, a brochure on the brand and color of the shingles proposed.

ADDITIONAL DETAILS

9. OTHER *Please provide any additional details. HDC Staff may ask you to submit additional information at a later time depending on your project.*	

July 17, 2026

From: Jessica Quijano, AIA

To: Detroit Historic District Commission

RE: Ste. Anne de Detroit: Exterior and Interior Restoration and Rehabilitation
1000 St Anne St
Detroit, MI 48216
Local Historic District: Ste. Anne's Parish Complex

Subject: HDC Application ID# HDC2026-00385

Ste. Anne de Detroit is the second oldest continuously operating Catholic parish in the United States. The present church structure, built in 1886, is the eighth church building constructed for the parish, and contains many artifacts from the previous church which was built in 1818 during the tenure of Father Gabriel Richard. The church and its related buildings within the historic district have been in continuous use for about 140 years. The historic site and multiple buildings have suffered from years of deferred maintenance, as well as inappropriate yet well-intentioned repairs/upgrades.

As part of a unique and innovative funding model, supported by the Vatican, Ste. Anne's now has the resources needed to undergo a comprehensive restoration and rehabilitation of the historic church, chapel, rectory, convent (present-day wellness center), and parish hall buildings and the campus, in partnership with the new/current Owner.

The Owner has engaged a design team led by Resendes Design Group (RDG), including HopkinsBurns Design Studio (HBDS) as the historic preservation architect, and partnering with The Christman Company (TCC) as the construction manager.

After the restoration and rehabilitation is complete, Ste. Anne's future as a continued place of sacred worship, cornerstone of the vibrant multi-ethnic community, and historical landmark in southeast Michigan will be secured for generations to come.

<u>This current HDC application includes the following selection of scope of work items:</u>

#1: Preserve, maintain, and repair existing historic interior features and finishes.

#2: Renovate/reconfigure existing non-historic bathroom area located at base/ground floor of east tower.

#3: Install new mechanical equipment required for new HVAC system in a manner that pre serves the historic character of significant interior spaces, features, and finishes.

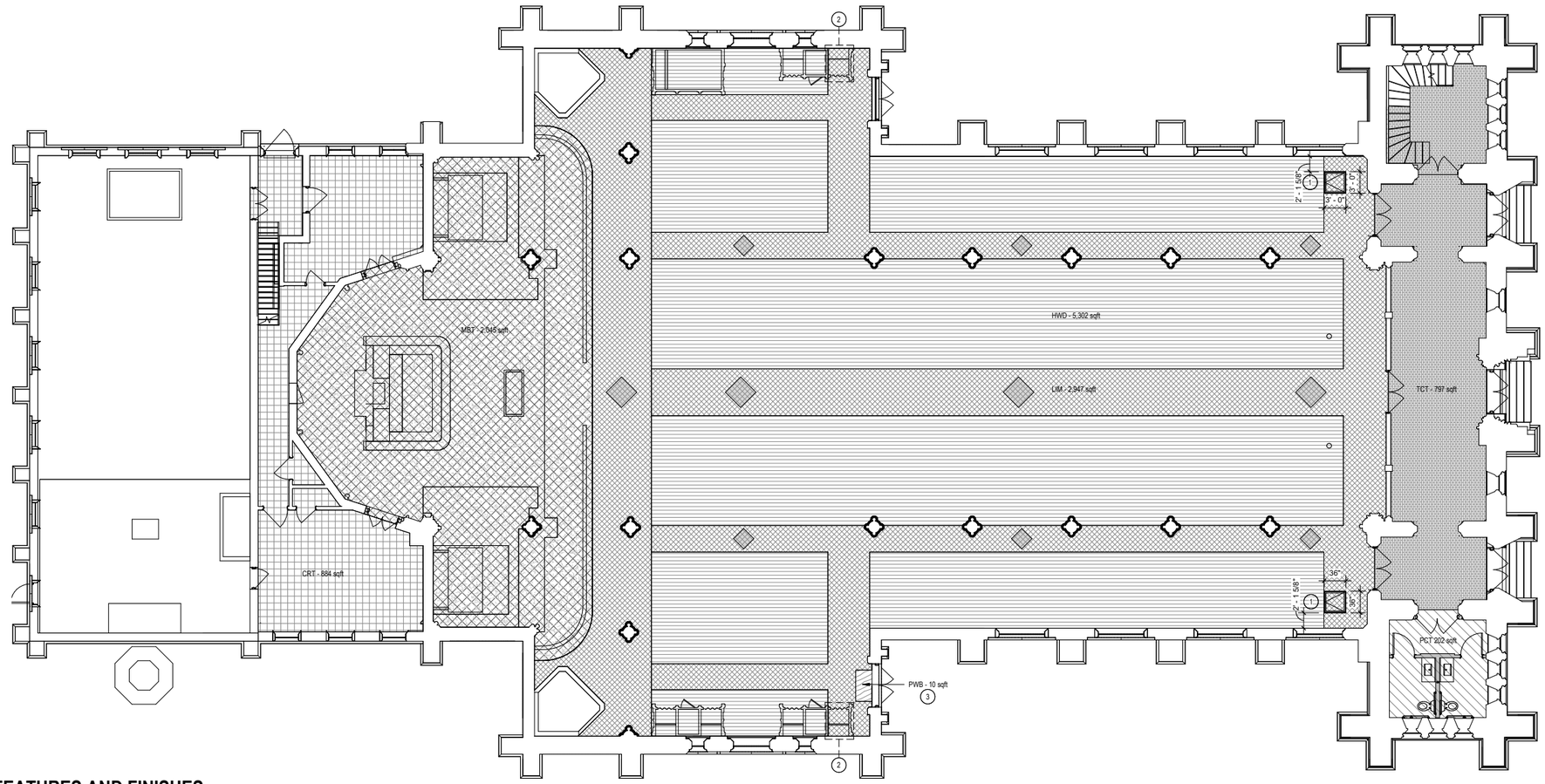
#4: Restore existing lighting fixtures and install new lighting fixtures in a manner that preserves the historic character of significant interior and exterior spaces and features.

The interior restoration of the Basilica will touch every surface of the church. However the extent or level of intervention will vary per the scope of work depending on the existing condition of the material being touched. All surfaces will be cleaned, peeling paint will be removed and infill decorative painting will be installed to match adjacent surface painting. Where damaged material exist, material shall be repaired/restored (plaster, wood) and then finished to match original adjacent surfaces.

Existing flooring finishes shall be restored. Wood flooring shall be sanded, repaired, stained to match original dark color and finished with transparent protective wear coats. Special care is to be used in restoring existing decorative linoleum flooring. Carefully clean and remove existing wax finishes, secure loose and curling pieces, infill missing pieces with salvage linoleum matching original design, refinish with transparent protective top coats maintaining original luster of the linoleum. Stone flooring shall be stripped of existing coats, repairs made and new protective wearing coat applied.

The lighting will be greatly enhanced. Original fixtures will have the exterior structure of the lights restored. The lighting components of the interior of the fixture will be completely replaced with greater and diverse output, energy efficient, and color corrected lighting sources. Where the restored fixtures are not able to light all areas effectively, new fixtures will augment the areas and will be hidden from view. The goal of the interior as well as the exterior building lighting is to highlight the character defining features of the architecture. To present an uplifting and inspirational experience for the parish, community and guest who visit the church.

The goal of the interior restoration effort is to not restore every inch of the interior of the Basilica, to make it look brand new. The goal is to maintain as much of the original materials and finishes as possible, so it is more of a touch lightly and respectfully. The interior will be refreshed throughout with the cleaning, repair work, infill painting, touching up finishes while respecting the patina of age.



SCOPE OF WORK ITEM #1

PRESERVE, MAINTAIN, AND REPAIR EXISTING HISTORIC INTERIOR FEATURES AND FINISHES.

- Existing historic linoleum flooring to remain and will be cleaned and repaired as necessary. Existing holes and cracks of significant size will be patched to match original as closely as possible.
- Existing historic wood flooring to remain and will be cleaned and repaired as necessary.
- Existing historic plaster walls and ceilings will be cleaned and repaired as necessary. There are multiple locations of historic plaster (both flat surfaces and molded/sculpted features) that exhibit a range of damage/deterioration. As part of the plaster restoration, these surfaces will be repainted, as necessary. Paint scheme/color palette to match existing.
- Existing historic woodwork (i.e. wainscot, casing, and other architectural features) will be cleaned and selectively restored as necessary.

LEGEND

ROOM FINISH PLANS
NOTE: Not all symbols may be used

STRIP, CLEAN, RESTORE EXIST. LIN. WITH SALVAGED LIN. →
SAND, RESTORE, REFINISH →
STRIP, CLEAN, RESTORE →

STRIP, CLEAN, RESTORE →

- LIM Existing Linoleum
- HWD Existing Hardwood
- MBT Existing Marble Tile
- CRT Existing Ceramic Tile
- PWB Existing Plywood
- TCT Existing Terracotta Tile
- PCT New Porcelain Tile

1 B-A110 Finish Plan - Ground Floor
1/8" = 1'-0" SCALE

NOTE: Drawing indicates locations of existing floor finishes and does not reflect all HVAC penetrations. See drawing B-A300.

KEYNOTES

FINISH PLANS
Note: Not all keynotes may be used

1. New floor hatches to receive salvaged linoleum from interior of existing confessionals.
2. Salvage existing linoleum floor to be reused for repairs and new floor hatches. Replace with hardwood flooring to match existing.
3. Repair existing flooring with salvaged linoleum.

FLOOR FINISHES RESTORATION



ALL DAMAGED SUFACES SHALL BE RESTORED AND INFILLED DECORATIVE PAINTING TO MATCH.



EXIST. PEWS ARE BEING REFINISHED

EXIST. LIN. FLOORS TO BE STRIPPED, CLEANED, RESTORED. USE SALVAGED LIN. FOR MISSING AREAS.

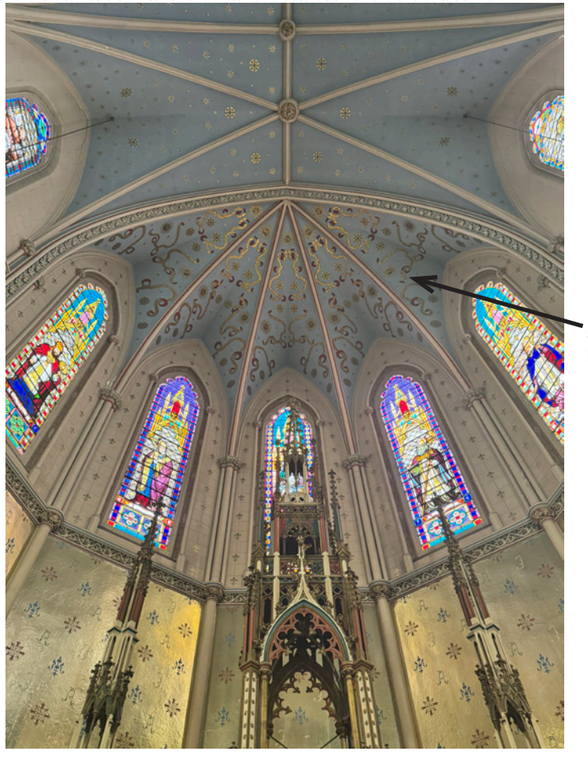


DAMAGED WOODWORK SHALL BE REPAIRED, CLEANED, AND REFINISHED TO MATCH.

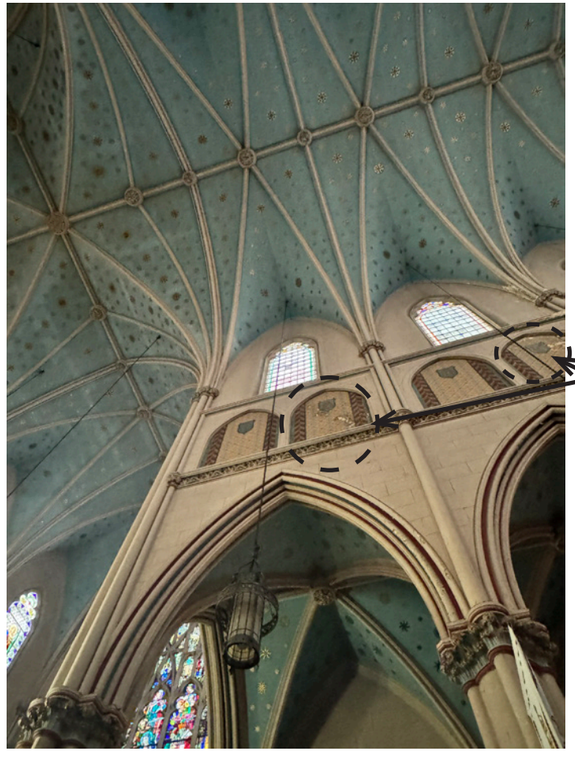
EXIST. LIN. FLOORS TO BE STRIPPED, CLEANED, RESTORED. USE SALVAGED LIN. FOR MISSING AREAS.

WOOD FLOORS TO BE SANDED, RESTORED, AND REFINISHED.

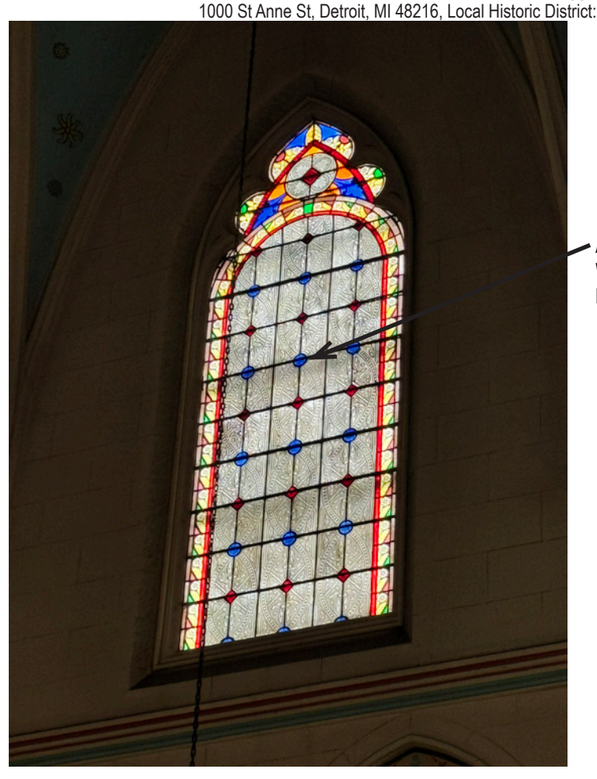
EXIST. CONDITIONS WITH PROPOSED RESTORATION



ALL DAMAGED INTERIOR FINISHES SHALL BE RESTORED



WATER DAMAGED PLASTER TO BE RESTORED AND INFILLED DECORATIVE PAINTING TO MATCH. (TYP).



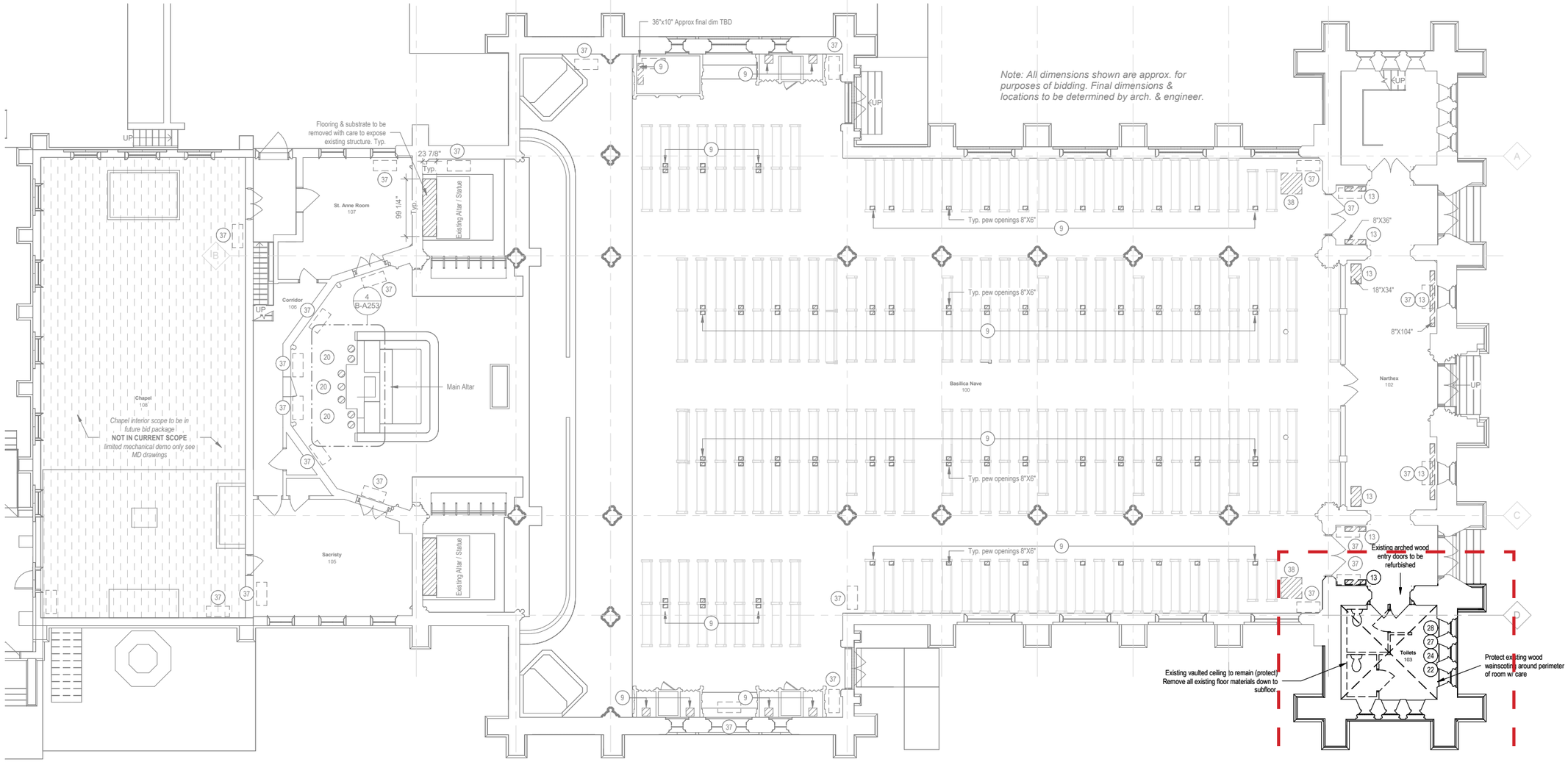
ALL STAINED GLASS WINDOWS TO BE RESTORED



WATER DAMAGED PLASTER TO BE RESTORED AND INFILLED DECORATIVE PAINTING TO MATCH. (TYP).



EXIST. CONDITIONS WITH PROPOSED RESTORATION



SCOPE OF WORK ITEM #2

RENOVATE/RECONFIGURE EXISTING NON-HISTORIC BATHROOM AREA LOCATED AT BASE/GROUND GLOOR OF EAST TOWER

- Existing toilet rooms to be replaced.
- Construction to lightly touch historic walls and finishes. Protect existing wood wainscoting around perimeter of room with care.
- Existing vaulted ceiling to remain and be protected.
- Existing arched wood entry doors to be refurbished.
- Toilet rooms are designed to maintain the visual and spatial qualities of the space.

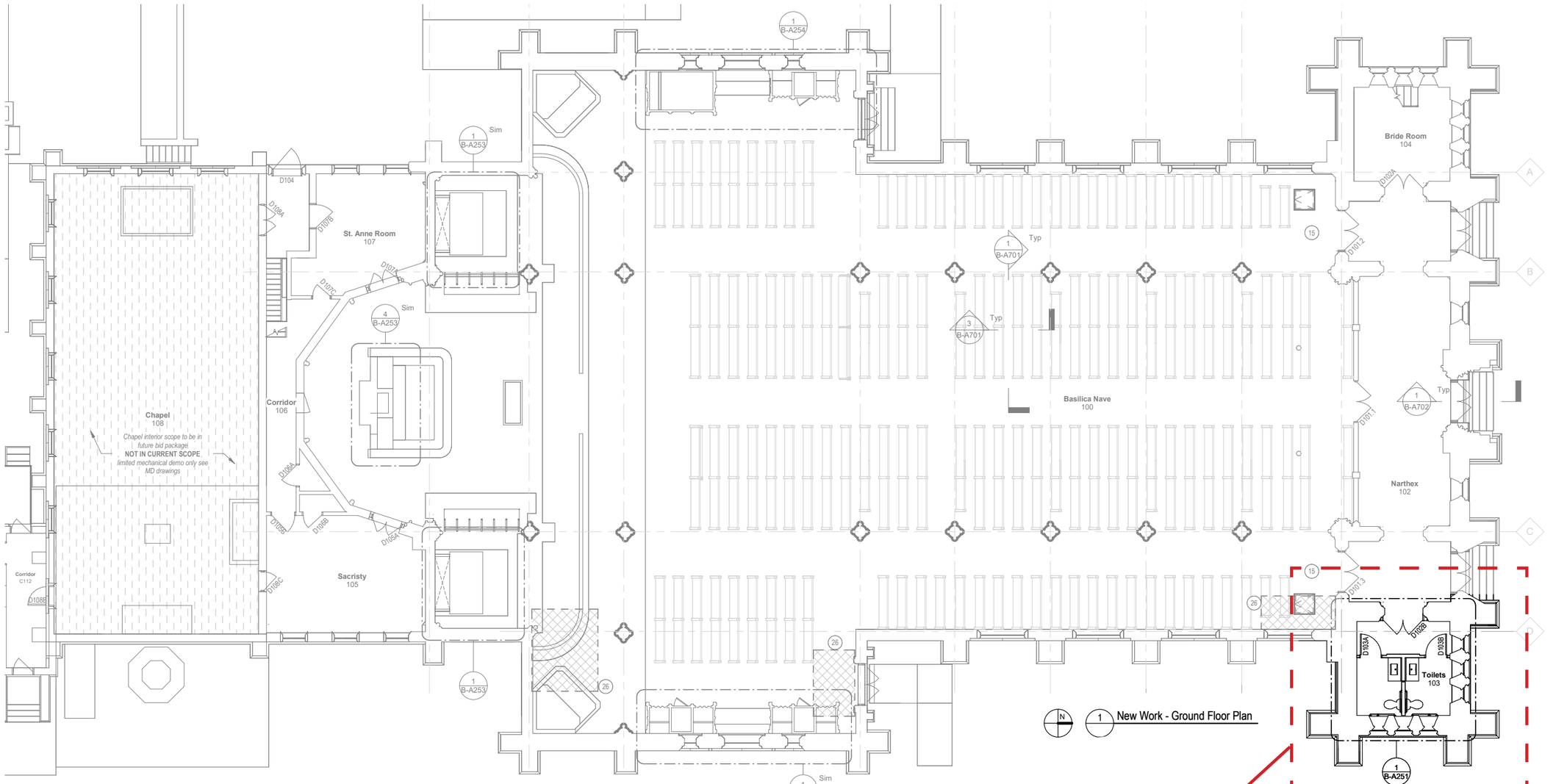
LEGEND

DEMOLITION PLAN
NOTE: Not all symbols may be used

- Existing to be Removed
- Existing to Remain
- Existing ceiling to be removed
- Existing Floor / Finish to be removed. Noted by Keynote on plans.
- Existing Concrete floor slab to be removed
- Excavation required, noted by Keynote on plans.
- Existing Foundation / Footing to be removed. Noted by Keynote on plans.

N 1 Ground Floor - Demolition Plan

REPLACEMENT OF EXIST. TOILET ROOMS



N 1 New Work - Ground Floor Plan

NEW TOILET ROOM DESIGN

Provide solid blocking at all wall-mounted fixtures and accessories. Grab bars and handrail blocking shall be provided to withstand loads specified in

MI building code.

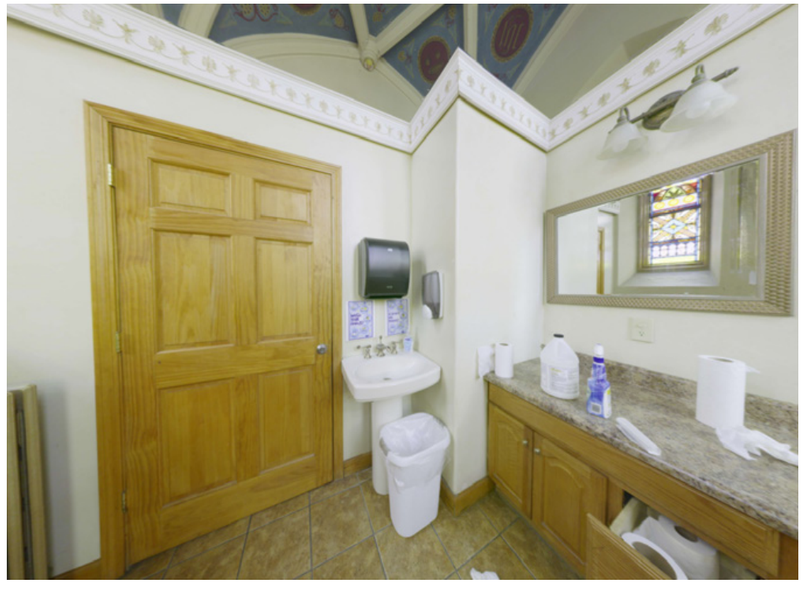
Test floor slabs for moisture content. If it exceeds finish flooring manufacturer's recommendations, notify the Architect prior to installing finish floor material.

See exterior elevations for window locations (new, refurbishment & replacement).

LEGEND

NEW WORK FLOOR PLAN
NOTE: Not all symbols may be used

- Existing Conditions
- New Construction
- X — Partition Type - Refer to Partition Details on sheets A021 and A022
- Shall comply with barrier free requirements
- X — New Concrete Slab (slab on grade, noted by Keynote on plans)
- X — New Concrete Slab (supported slab, noted by Keynote on plans)
- X — Infill Floor Penetrations to match existing floor (noted by Keynote on plans)



View of Basilica, Existing Toilet Rooms



View of Basilica, Existing Toilet Rooms



View of Basilica, Existing Toilet Rooms, Ceiling



View of Basilica, Existing Toilet Rooms



View of Basilica, Existing Toilet Rooms, Family Toilet Room, Left of Entry



View of Basilica, Existing Toilet Rooms, Entry



View of Basilica, Existing Toilet Rooms



View of Basilica, Existing Toilet Rooms



View of Basilica, Existing Toilet Rooms



View of Basilica, Existing Toilet Rooms, Family Toilet Room



View of Basilica, Existing Toilet Rooms, Family Toilet Room



View of Basilica, Existing Toilet Rooms, Family Toilet Room



View of Basilica, Existing Toilet Rooms, Family Toilet Room Entry to the left and other toilet room to the right

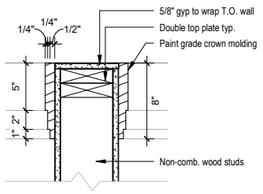


View of Basilica, Existing Toilet Rooms, Facing entry and Family Toilet Room to the left

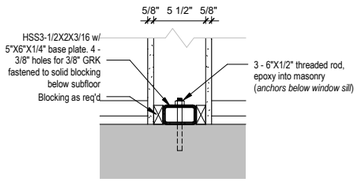
KEYNOTES

TOILET ROOMS
Note: Not all keynotes may be used

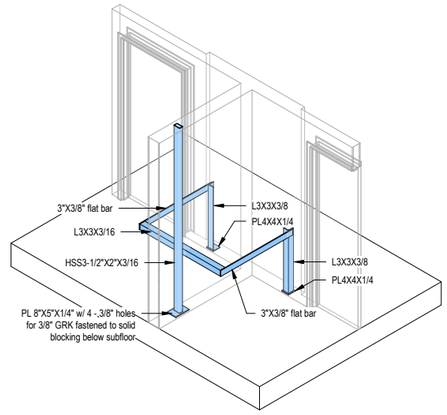
1. Toilet paper dispenser
2. New wainscoating and base to match exisitng. Stain and finish to match narthex
3. Strip and refinish existing wainscoating to match adjacent narthex
4. New base: stain and finish to match existing narthex
5. Custom ADA grab bar - Bronze Finish
6. Mirror by owner
7. Flushtank toilet
8. Wall covering
9. Paint
10. Exhaust fan to basement
11. Decorative paint to match



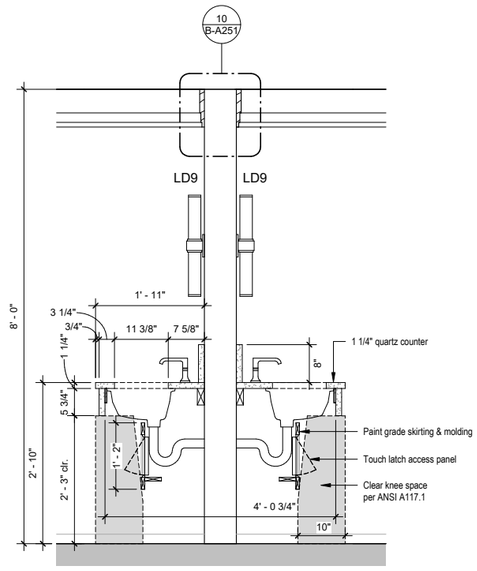
10 B-A251 Top of wall detail
1 1/2" = 1'-0" SCALE



12 B-A251 Plan Detail - Demising Wall Brase
1 1/2" = 1'-0" SCALE

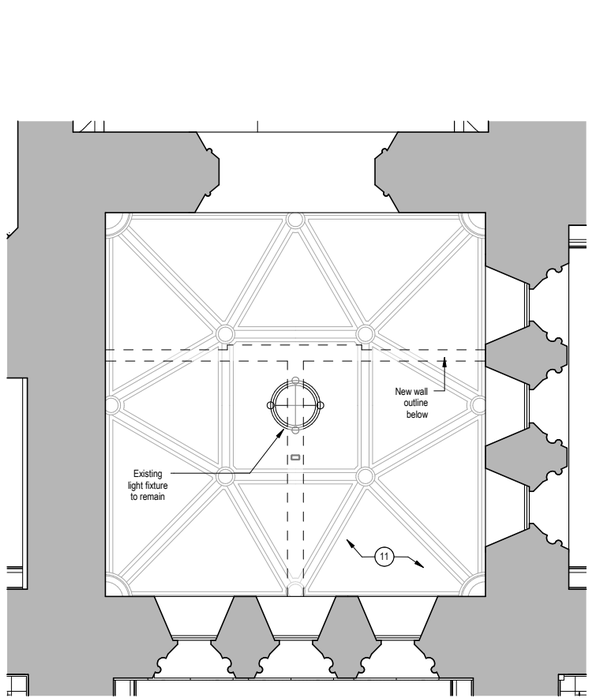


11 B-A251 Vanity Steel Axon
SCALE

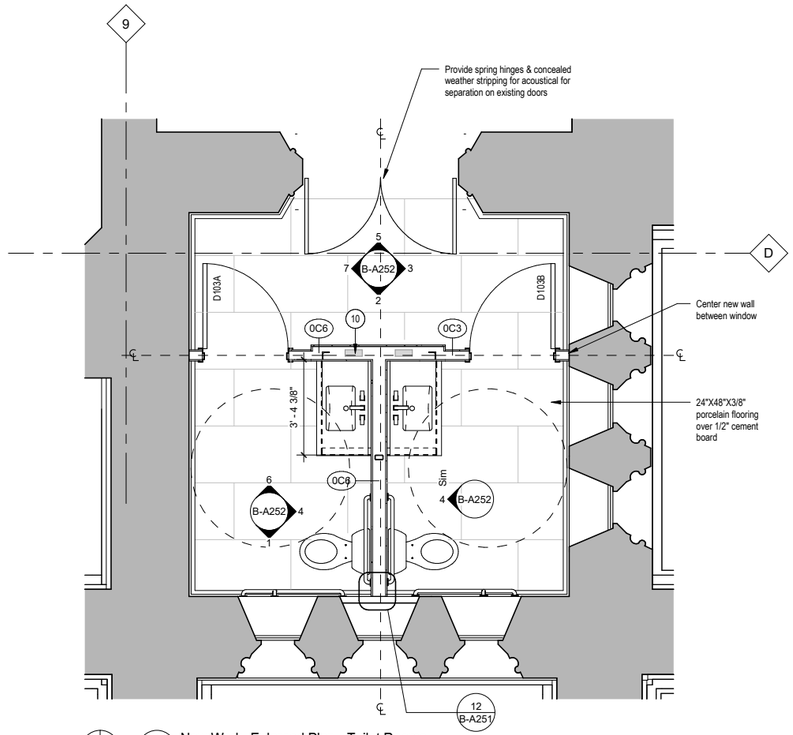


14 B-A251 Typical Vanity Section
3/4" = 1'-0" SCALE

- NEW TOILET ROOMS CONSTRUCTION TO LIGHTLY TOUCH HISTORIC WALLS AND FINISHES.
- TOILET ROOMS ARE DESIGNED TO MAINTAIN THE VISUAL AND SPATIAL QUALITIES OF THE SPACE.



9 B-A251 New Work - Enlarged RCP - Toilet Rooms
3/8" = 1'-0" SCALE

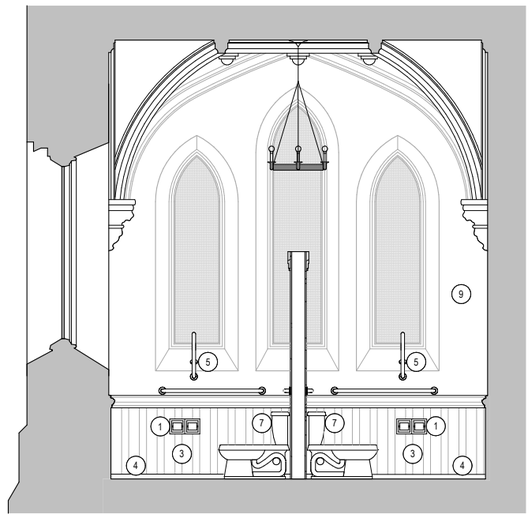


N 1 B-A251 New Work -Enlarged Plan - Toilet Rooms
3/8" = 1'-0" SCALE

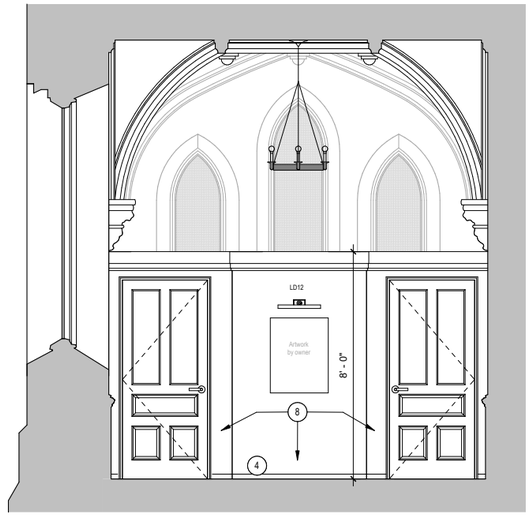
KEYNOTES

TOILET ROOMS
Note: Not all keynotes may be used

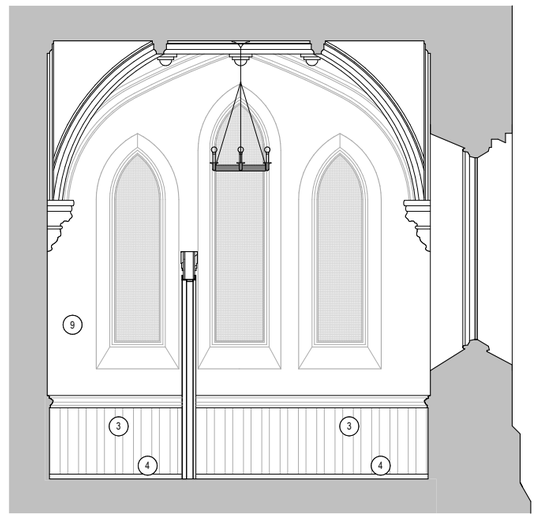
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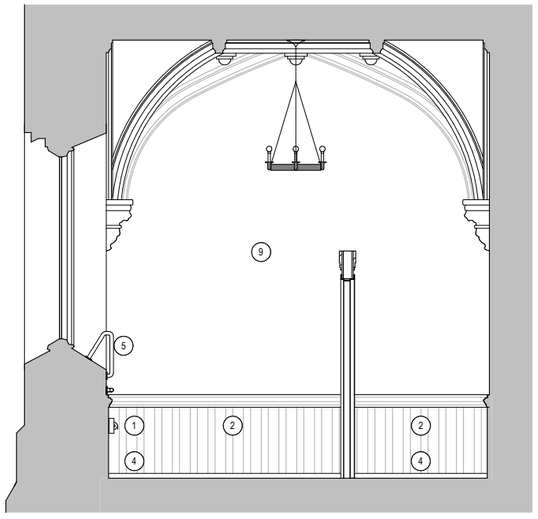
1 / B-A252 Interior Elevation - Toilet Room - East
3/8" = 1'-0" SCALE



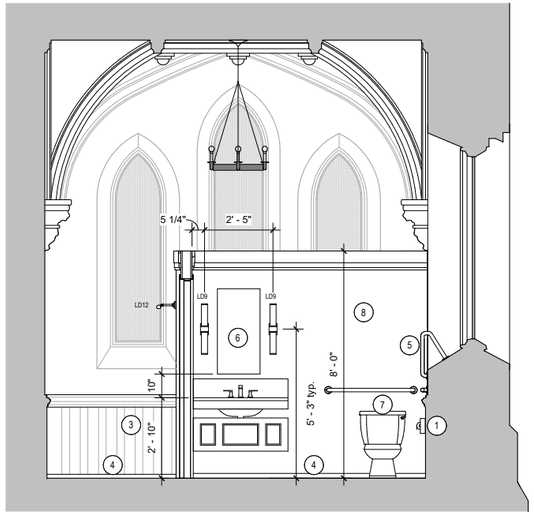
2 / B-A252 Interior Elevation - Toilet Room - East 1
3/8" = 1'-0" SCALE



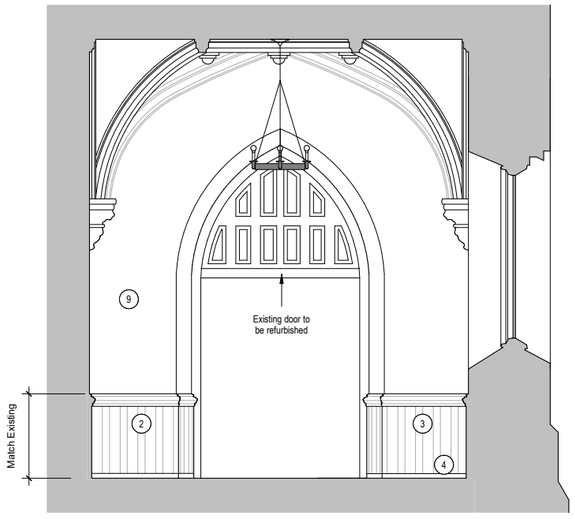
3 / B-A252 Interior Elevation - Toilet Room - North
3/8" = 1'-0" SCALE



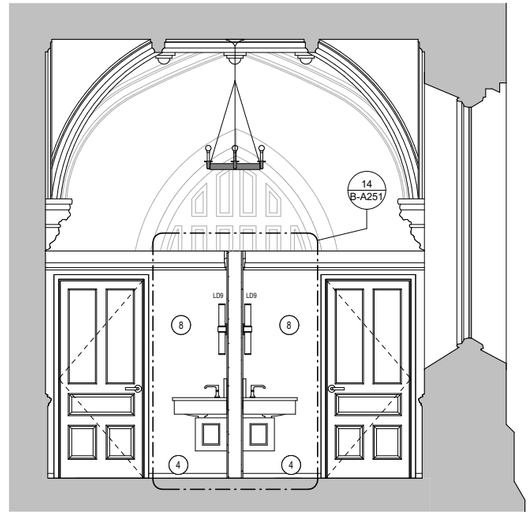
7 / B-A252 Interior Elevation - Toilet Room - South
3/8" = 1'-0" SCALE



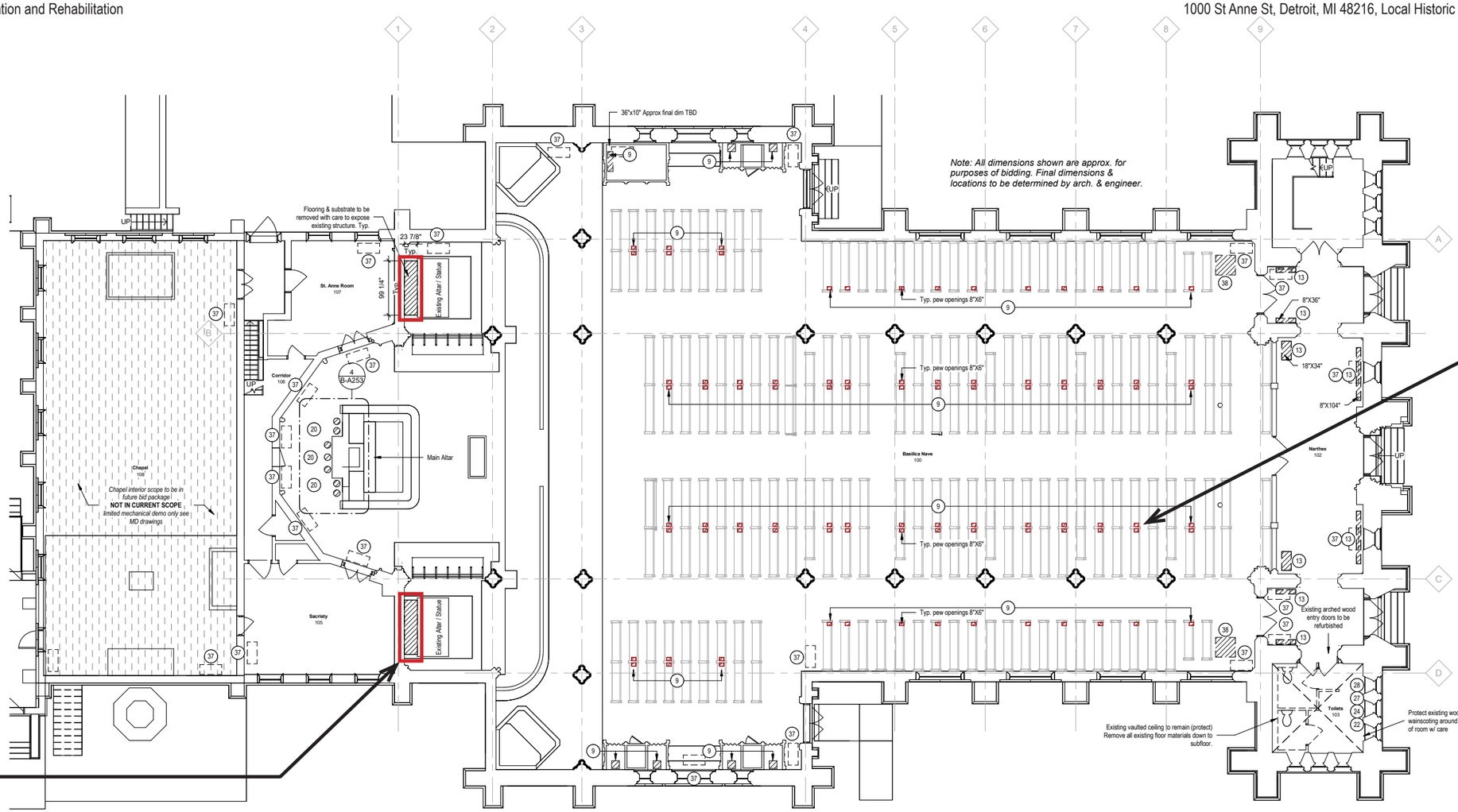
4 / B-A252 Interior Elevation - Toilet Room - North 1
3/8" = 1'-0" SCALE



5 / B-A252 Interior Elevation - Toilet Room - West
3/8" = 1'-0" SCALE



6 / B-A252 Interior Elevation - Toilet Room - West 1
3/8" = 1'-0" SCALE



INDICATES NEW 8"X6" DUCT PENETRATIONS THRU FLOOR TO UNDERSIDE OF PEWS. SEE FOLLOW SHEET FOR DUCT INTERVENTION WITH PEW.

SUPPLY AND RETURN AIR ENCLOSURES BEHIND EXISTING SIDE ALTARS, BOTH SIDES

LEGEND

DEMOLITION PLAN
NOTE: Not all symbols may be used

- Existing to be Removed
- Existing to Remain
- Existing ceiling to be removed
- Existing Floor / Finish to be removed. Noted by Keynote on plans.
- Existing Concrete floor slab to be removed
- Excavation required, noted by Keynote on plans.
- Existing Foundation / Footing to be removed. Noted by Keynote on plans.

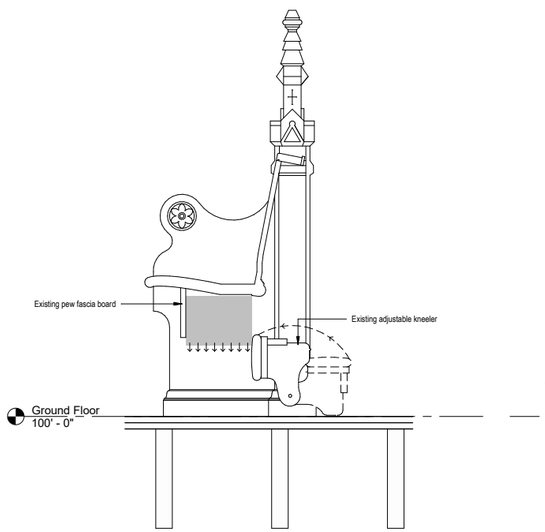
1 B-A101 Ground Floor - Demolition Plan
1/8" = 1'-0" SCALE

0' 4' 8' 16' 32'
1/8" = 1'-0"

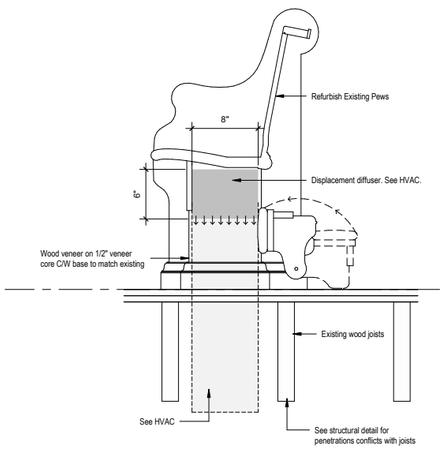
SCOPE OF WORK ITEM #3

INSTALL NEW MECHANICAL EQUIPMENT REQUIRED FOR NEW HVAC SYSTEM IN A MANNER THAT PRESERVES THE HISTORIC CHARACTER OF SIGNIFICANT INTERIOR SPACES, FEATURES, AND FINISHES.

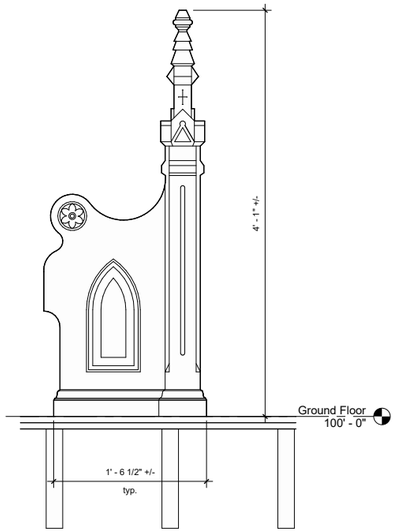
- New concealed cooling system to be installed. Ducts to be placed underneath the pew and behind the side and main altars demonstrated in attached drawings.
- Penetration for ducts will be through the floors.
- Underneath the pews, ducts will be placed in the center and will be concealed with wood veneer.
- New HVAC system is designed to be inconspicuous as to not impact the visual character of the interior of the basilica.



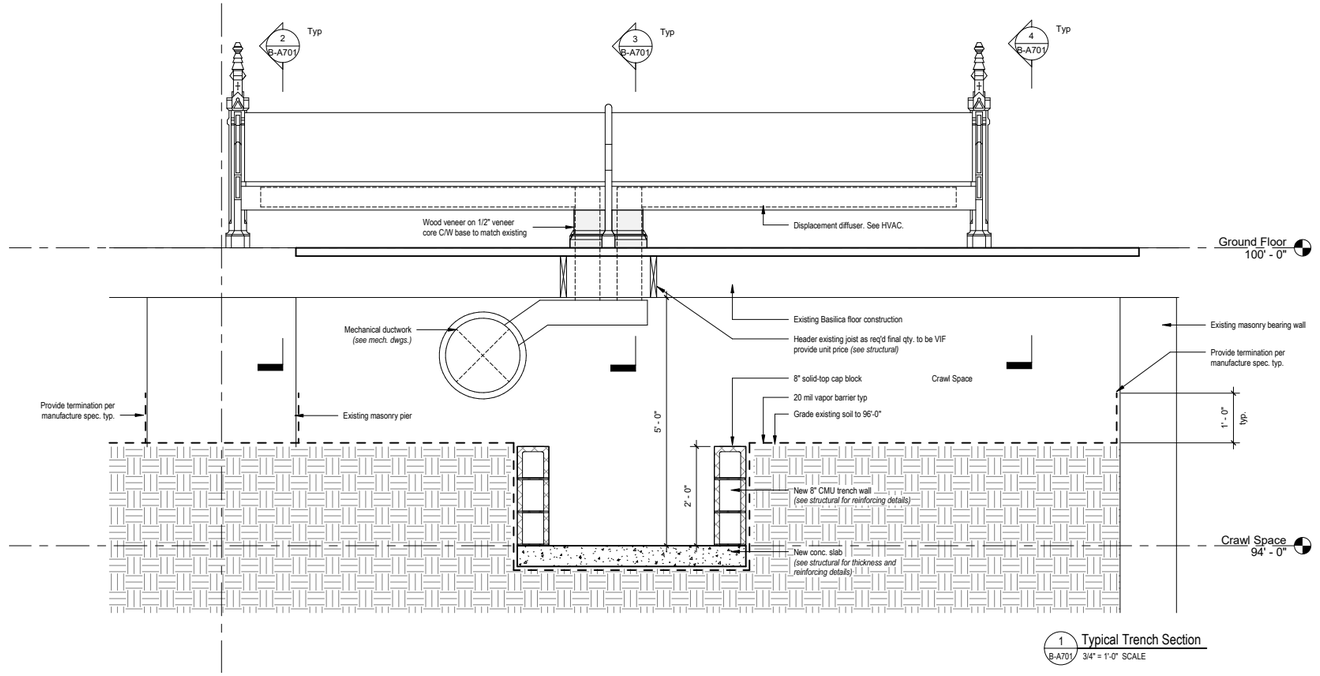
2 B-A701 HVAC Pew Detail - End Panel Section
1 1/2" = 1'-0" SCALE



3 B-A701 HVAC Pew Detail - Middle Panel Section
1 1/2" = 1'-0" SCALE

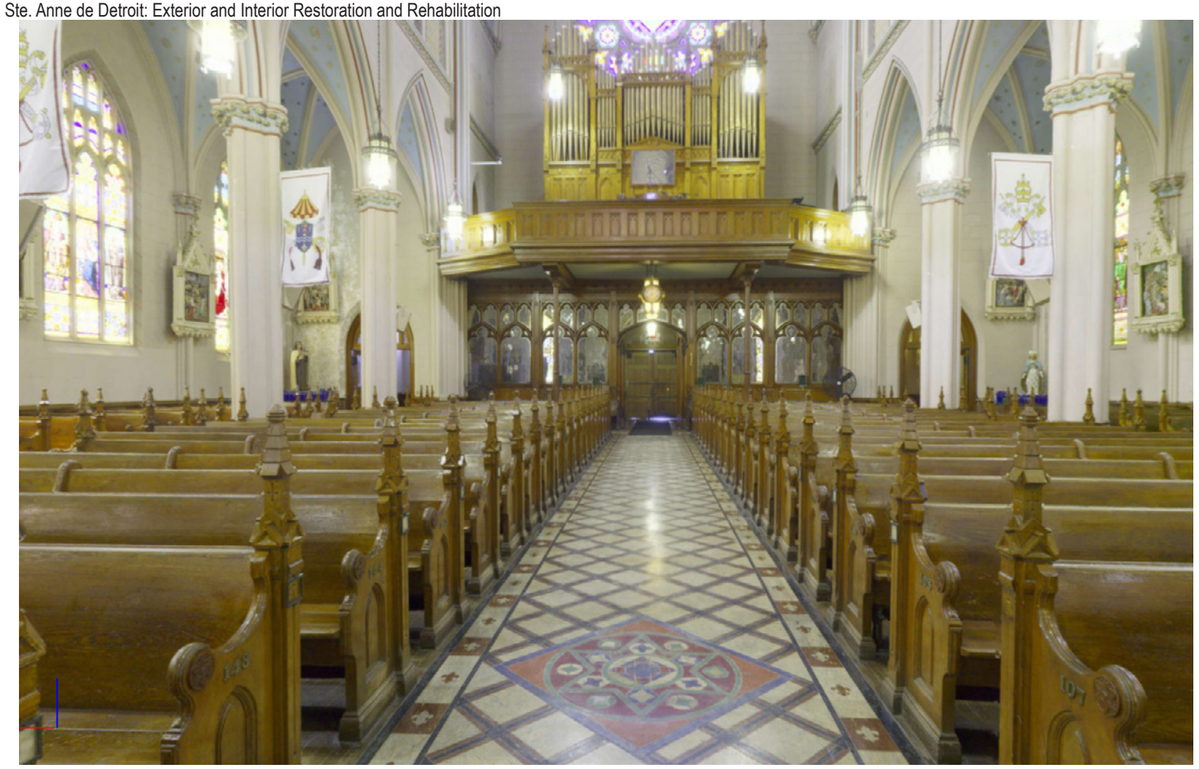


4 B-A701 HVAC Pew Detail - End Elevation
1 1/2" = 1'-0" SCALE

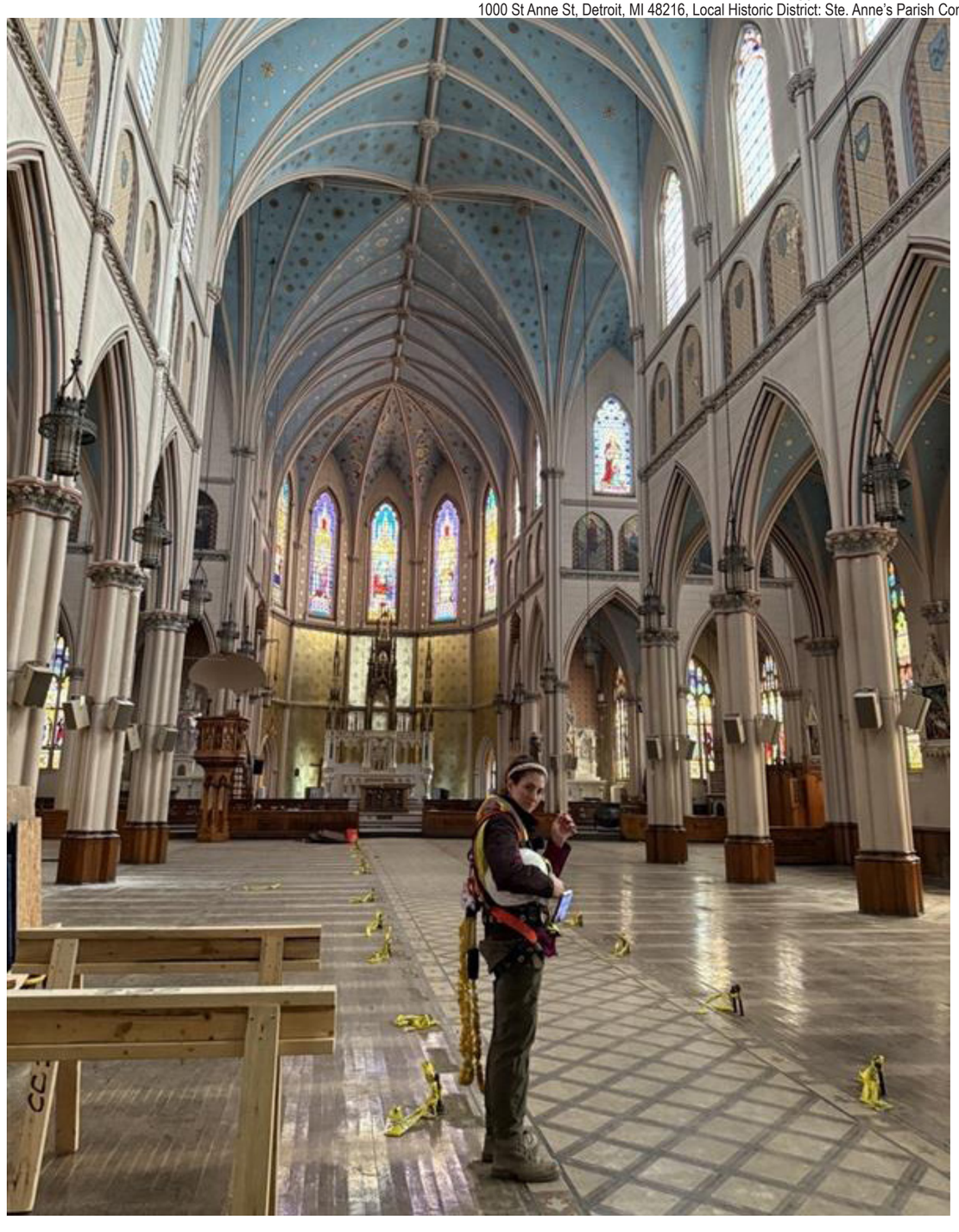


1 B-A701 Typical Trench Section
3/4" = 1'-0" SCALE

HVAC DUCTWORK INTEGRATED WITH PEWS







EXIST. CONDITIONS OF NAVE PEW AND FLOOR FINISHES

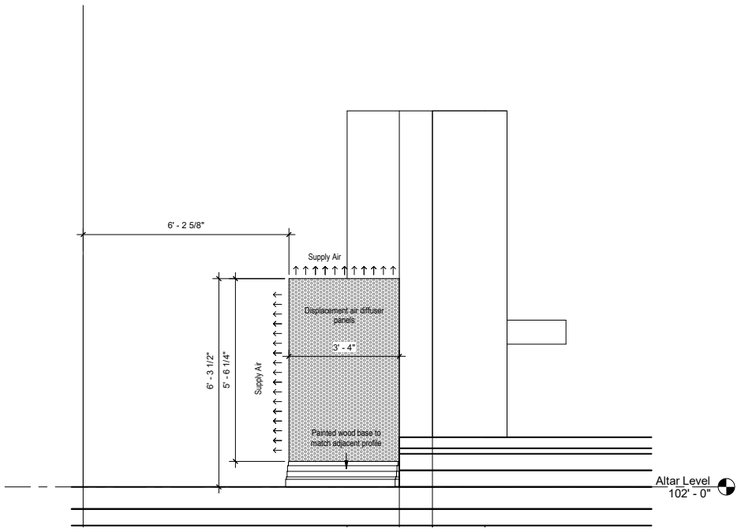




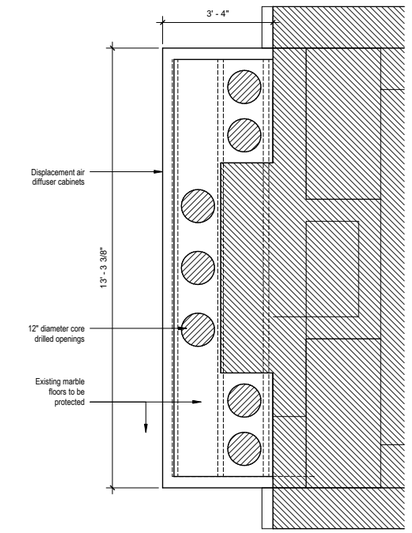




RESTORED PEW MOCKUP REPRESENTING FINISHED LOOK



3 B-A253 Enlarged Elevation - Main Altar
1/2" = 1'-0" SCALE

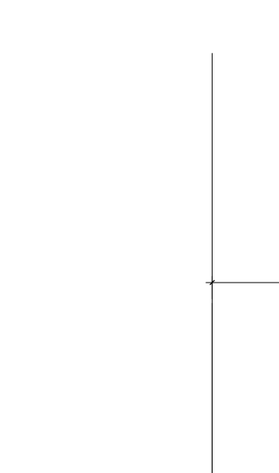


4 B-A253 Main Altar Supply Air Diffuser
1/2" = 1'-0" SCALE

Surface Area for displacement diffuser:

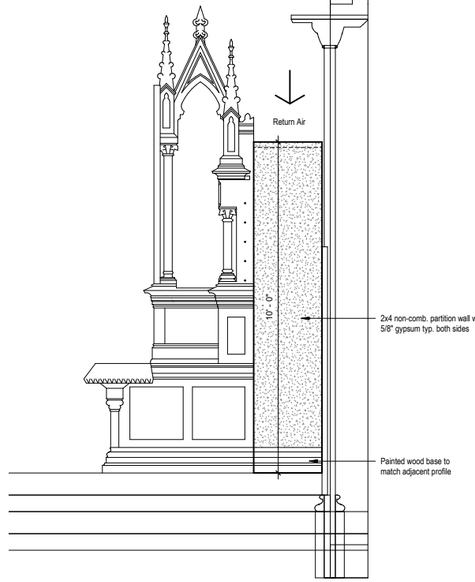
Top = 34.27 sf
Back = 72.86 sf
Sides = 36.84 sf

Total = 144 sf

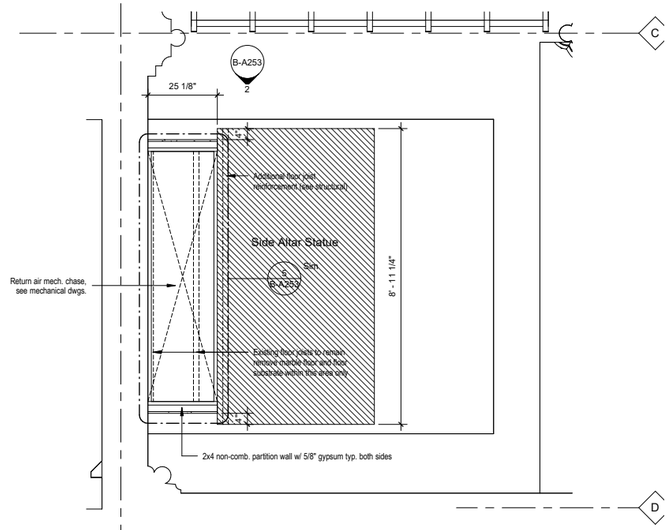


2 REQUIRED

5 B-A253 Side Altar Return Air Grille
3/4" = 1'-0"

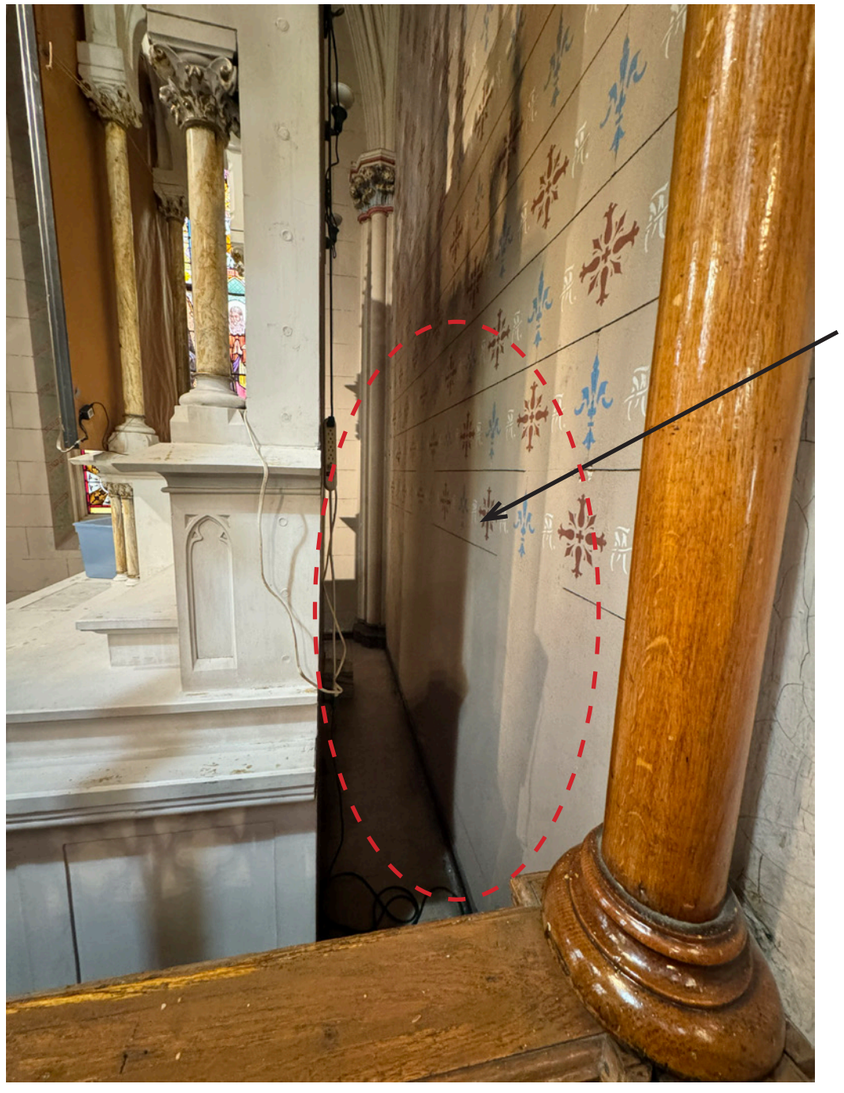


2 B-A253 Enlarged Elevation - Side Altar Return Air Chase
1/2" = 1'-0" SCALE



N 1 B-A253 New Work - Enlarged Plan - Side Altar Return Air Chase
1/2" = 1'-0" SCALE

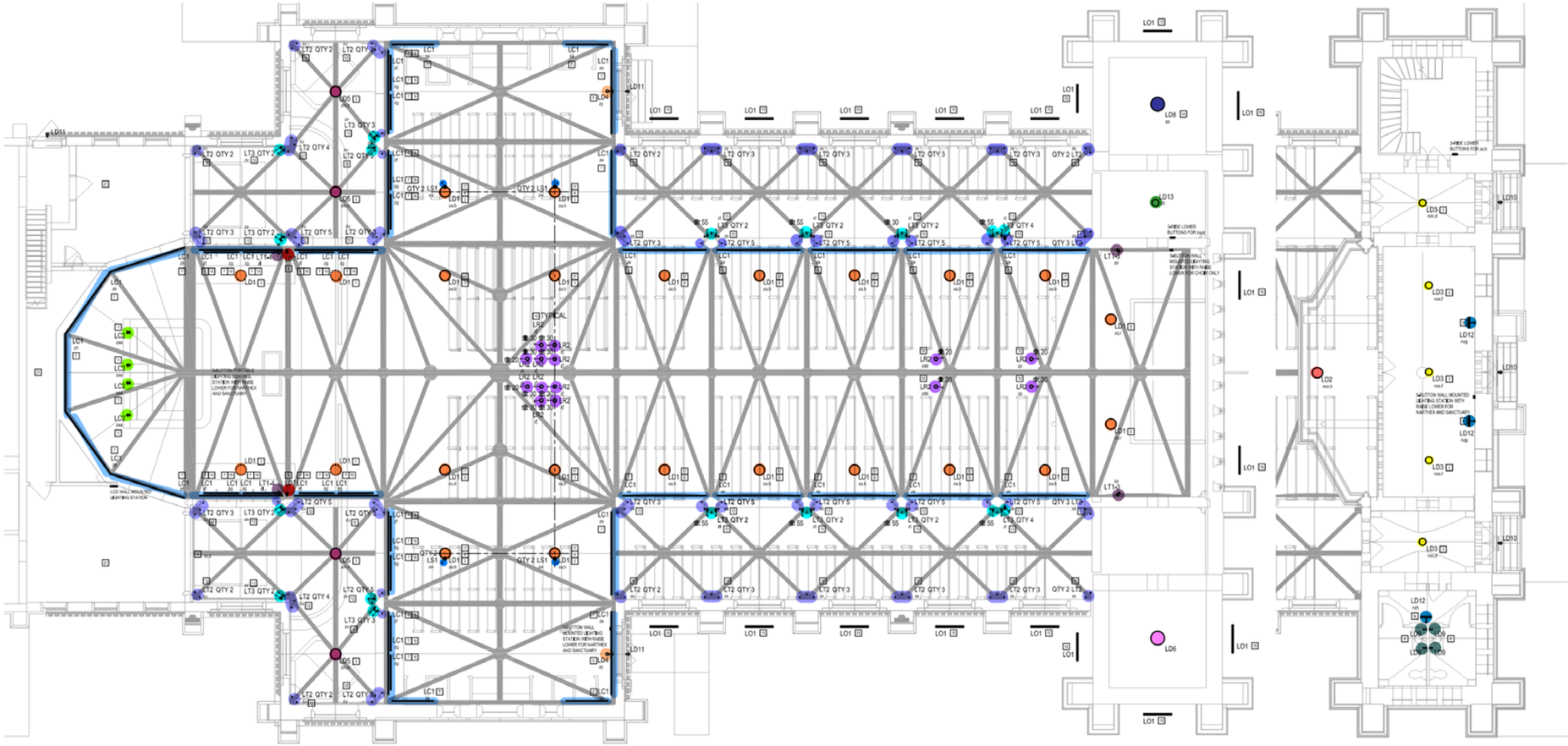
HVAC DUCTWORK BEING INTEGRATED BEHIND ALTARS IN EXIST. SPACE



EXIST. SPACE BEHIND ALTARS TO BE CAPTURED FOR SUPPLY AND RETURN AIR DUCTWORK.



EXIST. CONDITIONS OF SPACE BEHIND MAIN AND SIDE ALTARS



LIGHTING PLAN - NARTHEX
SCALE: 1/8" = 1'-0"

'ING SYMBOL LEGEND
LL SYMBOLS MAY BE USED.

LIGHT FIXTURE TAG
TOP = FIXTURE LABEL
BOTTOM = CONTROL ZONE

LIGHT FIXTURE - PENDANT

LIGHT FIXTURE - RECESSED OR SURFACE ADJUSTABLE LIGHT

LIGHT FIXTURE - WALL MOUNT PICTURE LIGHT

LIGHT FIXTURE - WALL MOUNT SURFACE

RECESSED OR SURFACE MOUNTED LINEAR

LIGHT FIXTURE - EXTERIOR BOLLARD

LIGHT FIXTURE - EXTERIOR ROUND POST TOP

LIGHT FIXTURE -EXTERIOR SQUARE POST TOP

HISTORIC LIGHT FIXTURE IDENTIFICATION LEGEND
- LD1
- LD2
- LD3
- LD4
- LD5
- LD6
- LD7

NEW LIGHT SOURCE IDENTIFICATION LEGEND
- LC1
- LC2
- LD8
- LD9
- LD12
- LD13
- LR2
- LT1
- LT2
- LT3
- LS1

SCOPE OF WORK ITEM #4

RESTORE EXISTING LIGHITING FIXTURES AND INSTALL NEW LIGHTING FIXTURES IN A MANNER THAT PRESERVES THE HISTORIC CHARACTER OF SIGNIFICANT INTERIOR AND EXTERIOR SPACES AND FEATURES.

- All interior lighting fixtures of the basilica to be restored in kind.
  - All historic lighting fixtures are to be preserved to maintain the visual character of the interior of the basilica.
  - New LED light sources are to replace the current lighting sources to enhance the lighting quality of the interior space.
    - New light sources are 2700K to maintain the warm ambience of the basilica.
  - Historic lighting fixtures are to be carefully cleaned to remove all dirt.
  - Any broken component is to be replaced/repaired to match existing finish and quality.
- The interventions of new lighting fixtures in the Basilica is to enhance the visual qualities of the space. These fixtures are meant to support/infill the lighting levels not achieved by the restoration of the historic fixtures. They will be hidden from view, placed on ledges and in niches.



View of Basilica, West Elevation



View of Basilica, West Elevation



View of Basilica, West Elevation



View of Basilica, West Elevation



View of Basilica, West Elevation



View of Basilica, East Elevation



View of Basilica, East Elevation



View of Basilica, East Elevation



View of Basilica, North Elevation



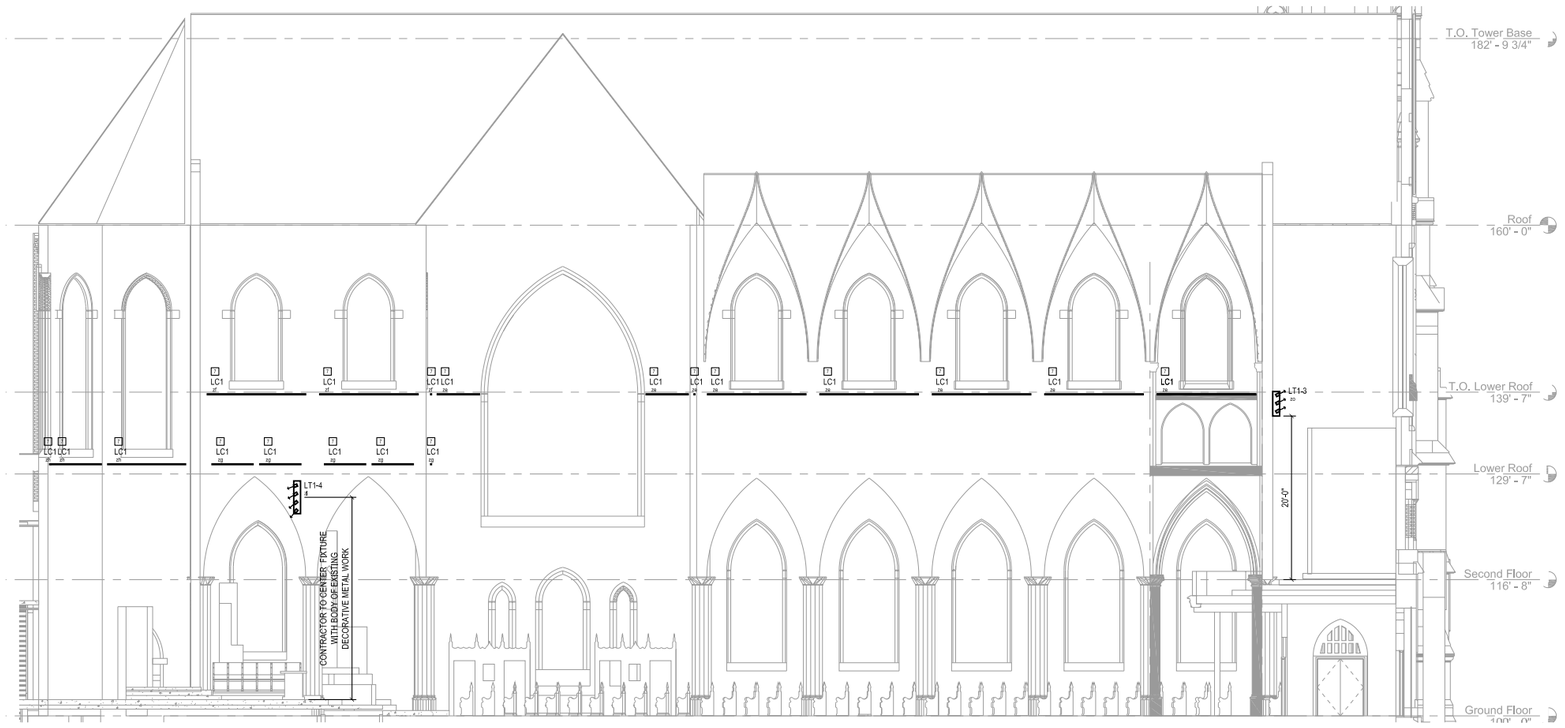
View of Basilica, South Elevation (Taken from West Elevation)



View of Basilica, South Elevation



View of Basilica, South Elevation (Taken from East Elevation)



1 LD301 LIGHTING - SANCTUARY SECTION
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. 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.

B. LC1 LENGTHS ARE SHOWN FOR BUDGETING, BUT FINAL RUN LENGTHS SHALL BE DETERMINED IN THE FIELD. RUNS SHALL BE CENTERED BETWEEN VERTICAL FACADE DETAILS WITH A GAP AT EACH END NO MORE THAN 3-6".

KEY NOTES

NOTE: NOT ALL KEY NOTES MAY BE USED.

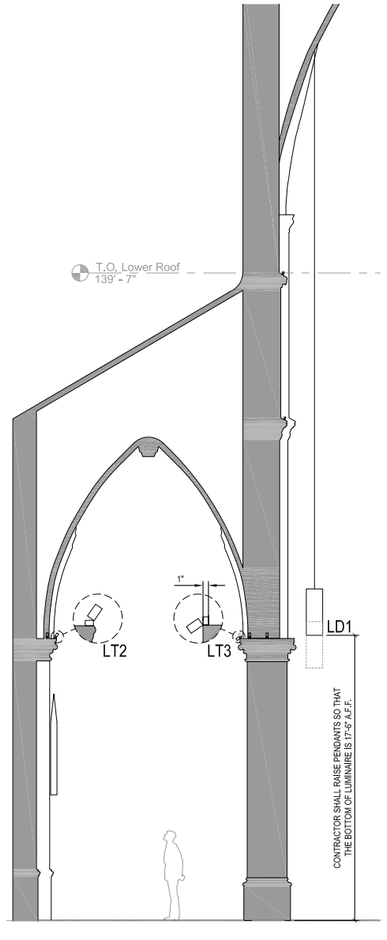
1. CONTRACTOR SHALL REMOVE EXISTING PENDANT MOUNTED LUMINAIRE AND RELOCATE TO NEW LOCATION (SEE KEY NOTE 2). PATCH AND PAINT CEILING AS SPECIFIED BY ARCHITECT.
2. CONTRACTOR SHALL RELOCATE EXISTING PENDNAT MOUNTED LUMINAIRE TO NEW LOCATION PER DRAWING. PROVIDE AND INSTALL NEW ELECTRICAL JUNCTION BOX AND STRUCTURAL BLOCKING AS MAY BE REQURIED TO SUPPORT PENDANT LUMINAIRE. NEW LOCATION SHALL ALIGN WITH EXISTING PENDANT LAYOUTS.
3. CONTRACTOR SHALL PROVIDE 2-CONTROL ZONES AT EACH LD1, LD3, AND PENDANT MOUNTED LUMINAIRE LOCATION. REFER TO LUMINAIRE CUTSHEET FOR ADDITIONAL INFORMATION PERTAINING TO NEW LIGHT ENGINE SPECIFICATIONS AND INDEPENDENTLY CONTROLED OMNI-DIRECTIONAL AND DOWNLIGHT SOURCES.
4. CONTRACTOR SHALL PROVIDE 2-CONTROL ZONES AT EACH LD1 PENDANT MOUNTED LUMINAIRE LOCATION. REFER TO LUMINAIRE CUTSHEET FOR ADDITIONAL INFORMATION PERTAINING TO NEW LIGHT ENGINE SPECIFICATIONS AND INDEPENDENTLY CONTROLED OMNI-DIRECTIONAL AND DOWNLIGHT SOURCES. REFER TO MOUNTING DETAIL OF LS1 ACCENT LIGHTS MOUNTED TO TOP OF LD1 PENDANT LUMINAIRE. ACCENT LIGHTS SHALL BE CONTROLLED INDEPENDET OF 2-ZONE PENDANT LIGHT. CONSULT WITH LIGHTING DESIGNER IF QUESTIONS.
5. CONTRACTOR SHALL COORDINATE WITH ARCHITECT WALL MOUNTING LOCATION AND WIRING OF LD4 LUMINAIRE AND ADJACENT EXIT SIGN. LUMINAIRE MAY REQUIRE RELOCATION ON WALL TO BETTER ACCOMMODATE CENTERING EXIT SIGN ABOVE EGRESS DOOR.
6. WALL MOUNTED PICTURE LIGHT TO ILLUMINATE WALL DISPLAY.
7. LINEAR UPLIGHTS MOUNTED AT ARCHITECTURAL CORNICE. REFER TO ARCHITECT'S DETAIL FOR ADDITIONAL INFORMATION. 120V/277V INTEGRAL DRIVER LUMINAIRE. REFER TO LUMINAIRE CUTSHEETS FOR ADDITIONAL INFORMATION.
8. SCONCES LOCATED AT EACH BATHROOM MIRROR. CONTRACTOR SHALL REFER TO ARCHITECT'S ELEVATION AND FIELD VERIFY MOUNTING LOCATION WITH ARCHITECT.
9. EXISTING WALL MOUNTED HISTORIC LUMINAIRE. REFER TO LUMINAIRE CUTSHEET AND ARCHITECT'S ELEVATION DETAIL FOR ADDITIONAL INFORMATION.
10. LR2 LUMINAIRES ARE RECESS MOUNTED IN NAIVE VAULTED CEILING. LUMINAIRES ARE ACCESSIBLE FROM ABOVE FOR AIMING AND MAINTENANCE. CONTRACTOR SHALL ENSURE ACCESSIBILITY TO LUMINAIRES FROM CATWALK OR OTHER SECURE WALKING SURFACE TO ENSURE NO DAMAGE TO CEILING. DRIVERS SHALL BE REMOTE MOUNTED TO CATWALK AND LOCATED WITHIN FACTORY SUPPLIED ENCLOSURES TO ENSURE ACCESSIBILITY AND EASE FUTURE MAINTENANCE
11. SURFACE MOUNTED LUMINAIRE LOCATED AT BACK OF MAIN ALTER TO PROVIDE AMBIENT ILLUMINATION TO BACK WALL. CONTRACTOR SHALL FIELD COORDINATE WITH ARCHITECT FINAL MOUNTING LOCATIONS.
12. MINIATURE POINT SOURCE WITH WIDE BEAM DISTRIBUTION LOCATED ON TOP OF COLUMN CAPITAL AND ORIENTED UPWARD TO ILLUMINATE THE VAULTED CEILING. EXACT MOUNTING LOCATION TO BE FIELD VERIFIED BASED UPON SITE MOCKUP. LOW VOLTAGE POWER ROUTED FROM THE BASEMENTWHERE REMOTE LOCATED DRIVER IS MOUNTED. REFER TO ARCHITECT'S DETAIL FOR ADDITIONAL INFORMATION
13. MINIATURE POINT SOURCE WITH NARROW BEAM DISTRIBUTION LOCATED ON TOP OF COLUMN CAPITAL AND ORIENTED DOWNWARD TO ACCENT THE STATIONS OF THE CROSS AND SIDE ALTARS. EXACT MOUNTING LOCATION TO BE FIELD VERIFIED BASED UPON SITE MOCKUP. LOW VOLTAGE POWER ROUTED FROM THE BASEMENTWHERE REMOTE LOCATED DRIVER IS MOUNTED. REFER TO ARCHITECT'S DETAIL FOR ADDITIONAL INFORMATION.
14. NEW DECORATIVE PENDANT LIGHT. ARCHITECT SHALL DETERMINE PENDANT LENGTH.
15. EXTERIOR GROUND MOUNTED LUMINAIRES. REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION PERTAINING TO SET BACK DIMENSIONS. COORDINATION WITH LANDSCAPE MATERIALS TBD.
16. LINEAR UPLIGHTS MOUNTED AT ARCHITECTURAL CORNICE. NOTE LINEAR COVE HAPPENS AT (2) DIFFERENT ELEVATED POSITIONS ON UPPER WALL. REFER TO INTERIOR ELEVATION DRAWING FOR ADDITIONAL INFORMATION. REFER TO ARCHITECT'S DETAIL FOR ADDITIONAL INFORMATION. 120V/277V INTEGRAL DRIVER LUMINAIRE. REFER TO LUMINAIRE CUTSHEETS FOR ADDITIONAL INFORMATION.
17. CONTRACTOR SHALL INCREASE THE MOUNTING HEIGHT OF ALL LD1 PENDANT MOUNTED LUMINAIRES SO THAT BOTTOM OF LUMINAIRES ARE 17'-6" AFF.
18. EXTERIOR BUILDING MOUNTED LUMINAIRES SHALL BE SURFACE MOUNTED TO WOOD OR MORTOR AREAS TO ELIMINATE PERMINANT DAMAGE TO ORIGINAL BUILDING MATERIALS. LUMINAIRES WILL BE SUPPLIED WITH SPECIFIED MOUNTING BRACKETS OR STEM LENGTHS TO ESTABLISH DESIRED SETBACK DIMENSIONS FROM FACADE AREA TO ACHIEVE DESIRED LIGHTING EFFECT. REFER TO ARCHITECT'S MOUNTING DETAIL.
19. TOTAL OF (8) LO4 LUMINAIRES EQUALLY SPACED AROUND OCTAGONAL FACETS OF SPIRE.
20. TOTAL OF (8) LO5 LUMINAIRES LOCATED AT BASE OF EACH LOUVERED WINDOW AT OCTAGONAL FACETS OF SPIRE.
21. LIGHTING IMPROVEMENTS IN THE SUPPORT SPACES SURROUNDING THE ALTAR SHALL BE INCLUDED IN FUTURE PACKAGES.
22. FIXTURE SHALL INCLUDE A CUSTOM MOUNTING BRACKET THAT ALLOWS FOR SURFACE MOUNTING PER KEYNOTE 18, AND ALLOWS FOR DESIRED SETBACK. SETBACK TO BE DETERMINED UPON VERIFICATION OF FIELD CONDITIONS AND AFTER AN ON-SITE MOCKUP.
23. LUMINAIRE SHALL BE CENTERED WITHIN OPENING AS INDICATED. EXACT LENGTHS TO BE FIELD VERIFIED PRIOR TO ORDERING.

LIGHTING SYMBOL LEGEND

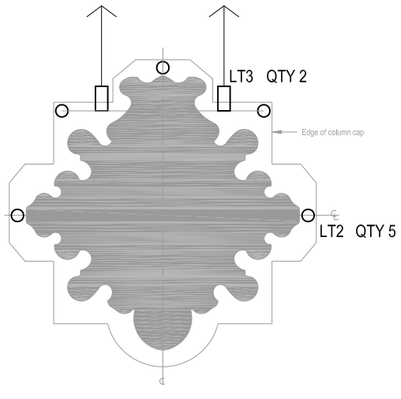
NOTE: NOT ALL SYMBOLS MAY BE USED.

LR1 / ∞	LIGHT FIXTURE TAG TOP = FIXTURE LABEL BOTTOM = CONTROL ZONE
	LIGHT FIXTURE - PENDANT
	LIGHT FIXTURE - RECESSED OR SURFACE ADJUSTABLE LIGHT
	LIGHT FIXTURE - WALL MOUNT PICTURE LIGHT
	LIGHT FIXTURE - WALL MOUNT SURFACE
	RECESSED OR SURFACE MOUNTED LINEAR
	LIGHT FIXTURE - EXTERIOR BOLLARD
	LIGHT FIXTURE - EXTERIOR ROUND POST TOP
	LIGHT FIXTURE -EXTERIOR SQUARE POST TOP

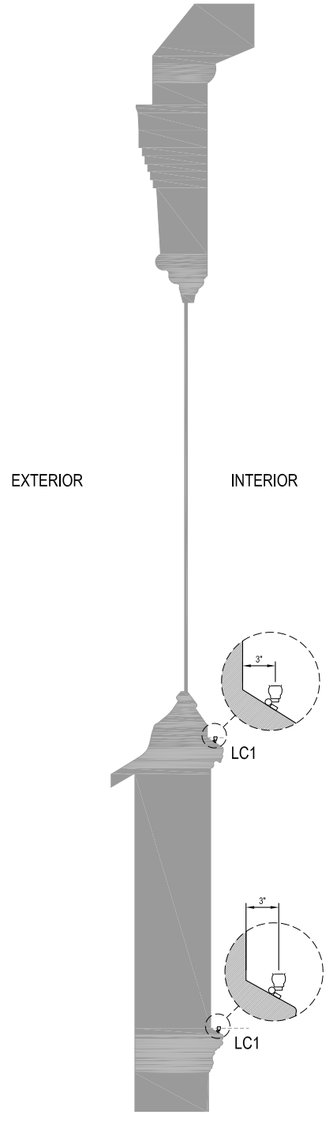
INTERIOR LIGHT FIXTURE INSTALLATION



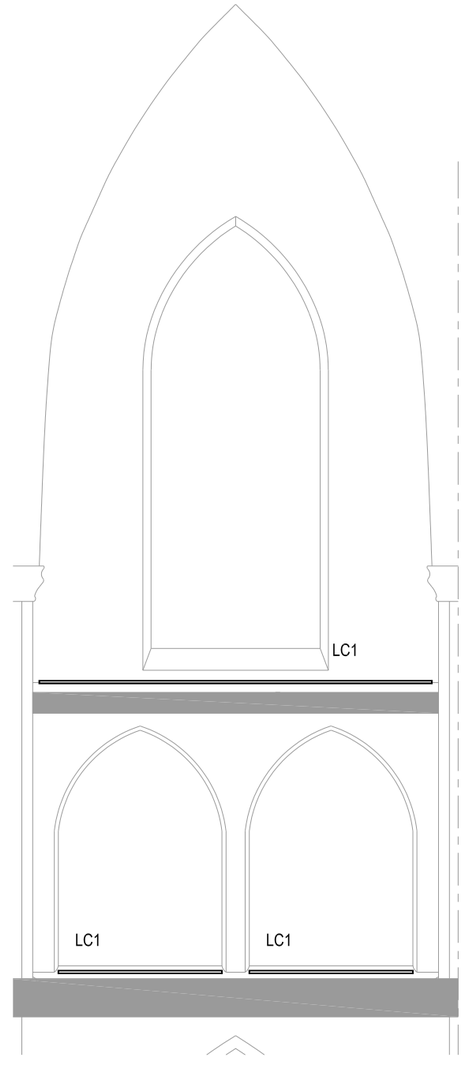
4 LD302 LC1, LT2, LT3 AND LD1 - SECTION TYPICAL
SCALE: 1/4" = 1'-0"



3 LD302 LT2 AND LT3 - COLUMN TOP PLAN TYPICAL
SCALE: 1-1/2" = 1'-0"



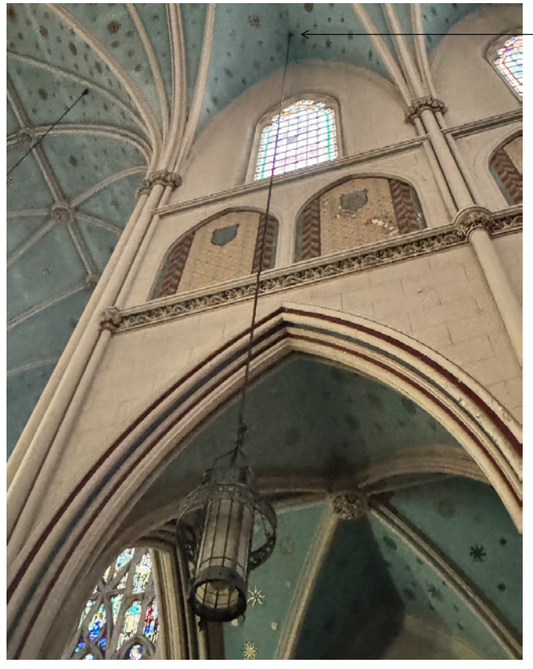
2 LD302 LC1 UPLIGHT - SECTION TYPICAL
SCALE: 1/2" = 1'-0"



1 LD302 LC1 UPLIGHT - ELEVATION TYPICAL
SCALE: 1/2" = 1'-0"

INTERIOR LIGHT FIXTURE INSTALLATION | FIXTURE SCOPES FOLLOW FOR EACH FIXTURE





DEREK PORTER STUDIO | LIGHTWORKS
BASILICA OF STE. ANNE
100% CONSTRUCTION DOCUMENTS

LD1

MOUNTING LOCATION: BASILICA NAIVE
LUMINAIRE QUANTITY: 20

GENERAL NOTES

CONTRACTOR SHALL CLEAN LUMINAIRE WITH SOAP AND WATER TO REMOVE ALL DIRT, INSECT HABITATS AND OTHER ENVIRONMENTAL RESIDUE.

CONTRACTOR SHALL PROVIDE AND INSTALL NEW ELECTRICAL AND LIGHTING ELEMENT AS SPECIFIED AND FABRICATED BY LIGHTING MANUFACTURER. CONTRACTOR SHALL REFER TO MANUFACTURER'S INSTRUCTION FOR APPROPRIATE INSTALLATION. POWER CONNECTION TO NEW LIGHTING AND ELECTRICAL ASSEMBLY SHALL BE AT THE CEILING JUNCTION BOX.

CONTRACTOR SHALL REPLACE OR REPAIR ANY BROKEN COMPONENTS, INCLUDING DECORATIVE AND STRUCTURAL ELEMENTS, SUCH AS GLASS AND METAL MATERIALS. REPAIRS OR REPLACEMENT OF COMPONENTS SHALL MATCH EXISTING FINISH AND MATERIAL QUALITIES. SUBMIT PROPOSED REMEDY TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INITIATING WORK.

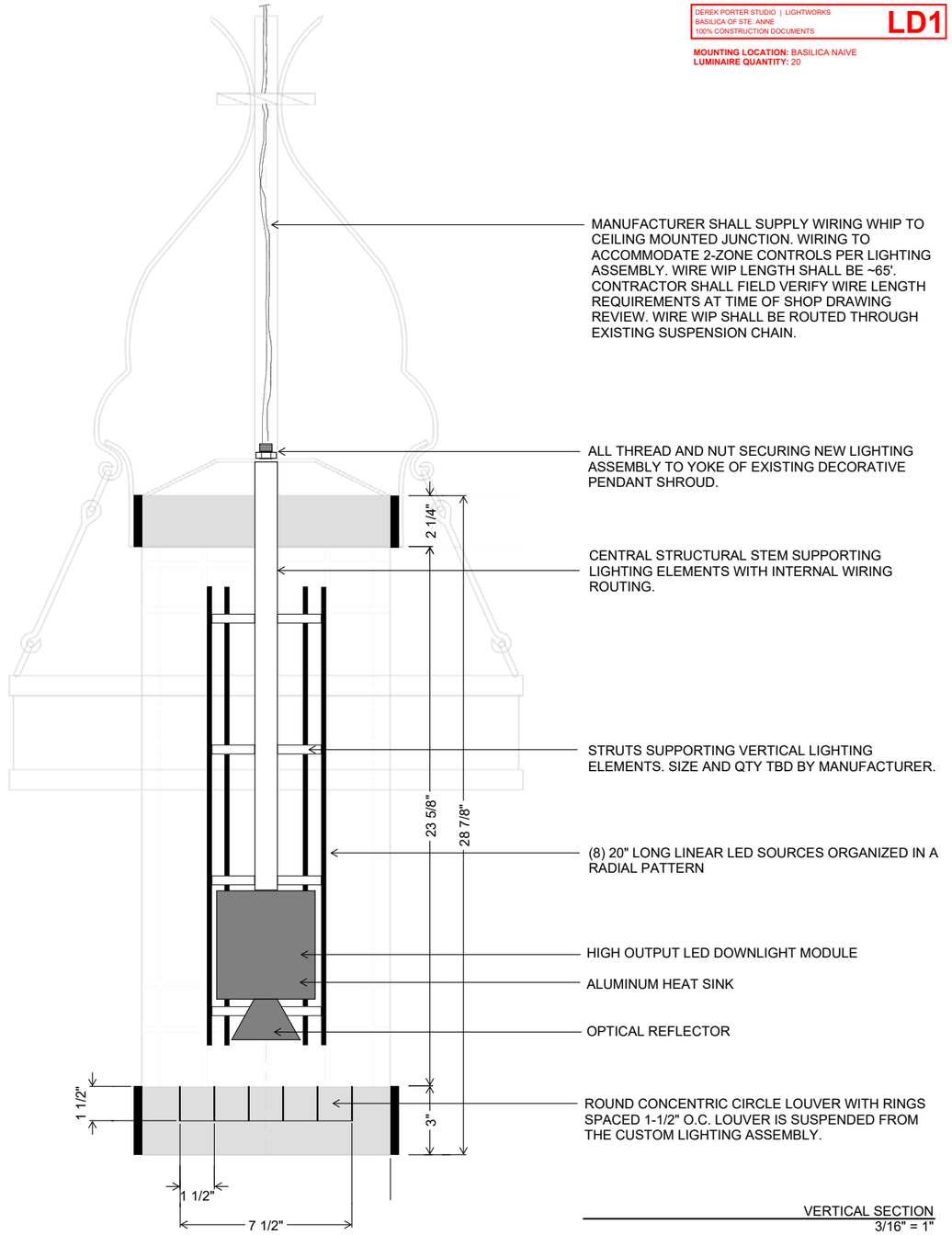
ALL LED LIGHT SOURCES SHALL BE 2700K WITH 90+ CRI (MINIMUM). FINAL LUMEN OUTPUT TBD IN CONJUNCTION WITH MANUFACTURER.

CEILING CONNECTION FOR MECHANICAL STRUCTURE AND POWER FEED JUNCTION BOX.

DEREK PORTER STUDIO | LIGHTWORKS
BASILICA OF STE. ANNE
100% CONSTRUCTION DOCUMENTS

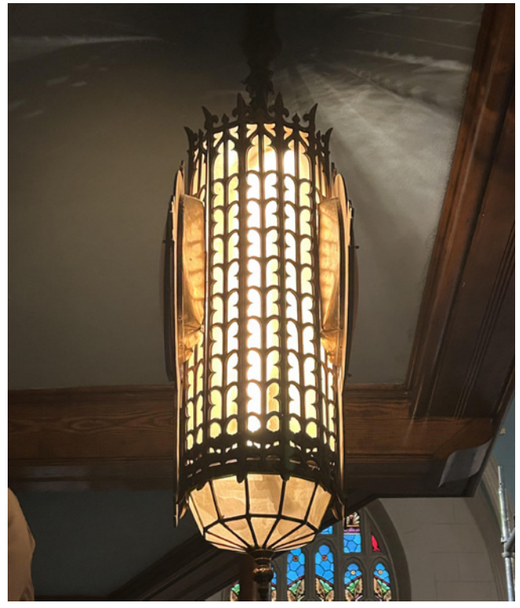
LD1

MOUNTING LOCATION: BASILICA NAIVE
LUMINAIRE QUANTITY: 20



VERTICAL SECTION
3/16" = 1"





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BASILICA OF STE. ANNE
100% CONSTRUCTION DOCUMENTS

LD2

MOUNTING LOCATION: INTERIOR NAIVE UNDER CHOIR LOFT
LUMINAIRE QUANITY: 1

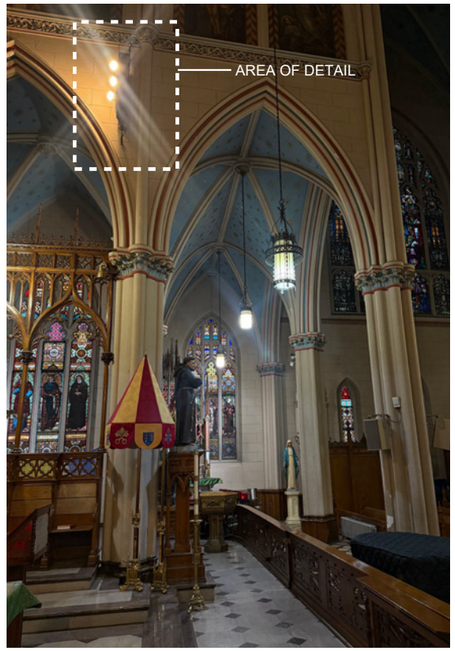
GENERAL NOTES

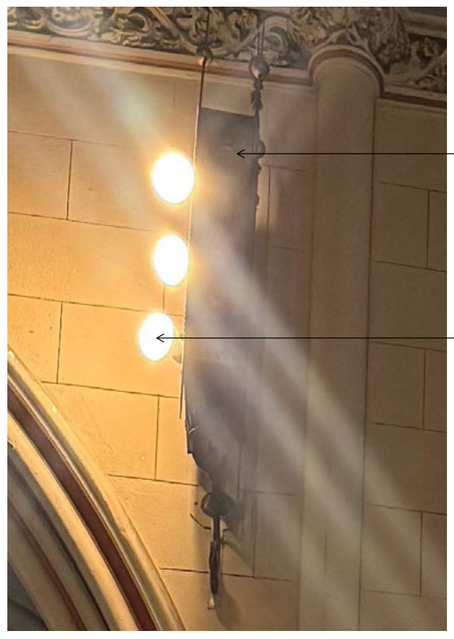
CONTRACTOR SHALL DEINSTALL LUMINAIRE/CLOCK ASSEMBLY, PACK APPROPRIATELY TO INSURE PRESERVATION FOR TRAVEL AND SHIP TO MANUFACTURER FOR ASSESSMENT AND RECONDITIONING.

MANUFACTUER SHALL INSPECT LUMINAIRE FOR OVERALL CONDITION OF DECORATIVE MATERIALS (METAL AND GLASS), STRUCTURAL COMPONENTS, ELECTRICAL ASSEMBLY AFFILIATED WITH LIGHTING (WIRING, LIGHT SOURCES, SOCKETS) AND ELECTRICAL / MECHANICAL ASSEMBLY AFFILIATED WITH CLOCK ELEMENTS. MANUFACTURER SHALL PROVIDE A QUOTE FOR CLEANING, REPAIR AND/OR REPLACEMENT OF COMPONENTS, PACKING AND FREIGHT TO ENSURE THE LUMINAIRE/CLOCK ASSEMBLY IS IN LIKE-NEW WORKING ORDER.

MANUFACTURER SHALL NOT INITIATE RESTORATION WORK UNTIL RECEIVING APPROVAL TO PROCEED IN RESPONSE TO THE FORMALLY ISSUED QUOTE.

ALL LED LIGHT SOURCES SHALL BE 2700K WITH 90+ CRI (MINIMUM). FINAL LUMEN OUTPUT TBD IN CONJUNCTION WITH MANUFACTURER.





DEREK PORTER STUDIO | LIGHTWORKS
BASILICA OF STE. ANNE
100% CONSTRUCTION DOCUMENTS

LD7

MOUNTING LOCATION: BASILICA NAIVE / ALTER
LUMINAIRE QUANTITY: 2

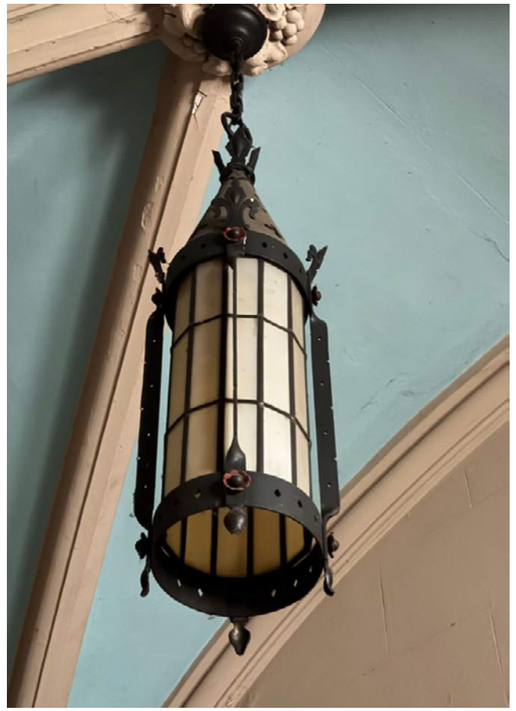
GENERAL NOTES

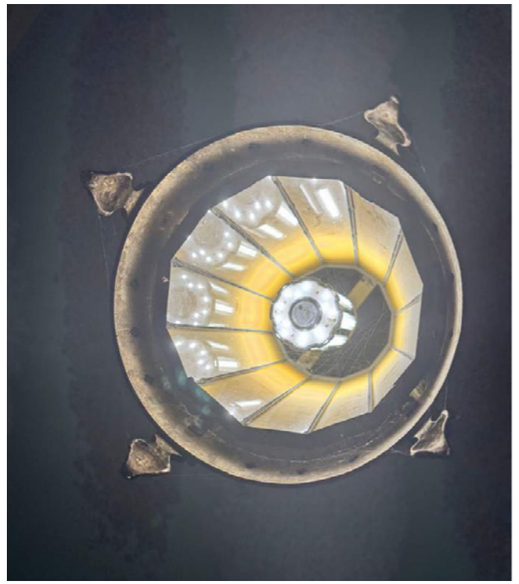
NOTE: LD7 LUMINAIRE IS REMAINING ON SITE AS A HISTORICAL, DECORATIVE METAL ELEMENT ONLY. RENOVATION OF LD7, AS INDICATED BELOW, WILL REMOVE ALL ELECTRICAL COMPONENTS. ALTER ACCENT LIGHTING WILL BE PROVIDED BY NEW ARCHITECTURAL LUMINAIRES.

CONTRACTOR SHALL CLEAN DECORATIVE METAL WORK OF (2) EXISTING LUMINAIRES WITH SOAP AND WATER TO REMOVE ALL DIRT, INSECT HABITATS AND OTHER ENVIRONMENTAL RESIDUE.

CONTRACTOR SHALL SECURE, REPAIR OR REPLACE OR ANY BROKEN METAL COMPONENTS. REPAIRS OR REPLACEMENT OF COMPONENTS SHALL MATCH EXISTING FINISH AND MATERIAL QUALITIES. SUBMIT PROPOSED REMEDY TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INITIATING WORK.

CONTRACTOR SHALL REMOVE ALL LIGHT SOURCES AND ELECTRICAL COMPONENTS AND TERMINATE ELECTRICAL POWER SUPPLY WIRING AS PER CODE.





DEREK PORTER STUDIO | LIGHTWORKS
BASILICA OF STE. ANNE
100% CONSTRUCTION DOCUMENTS

LD3

MOUNTING LOCATION: BASILICA NARTHEX ENTRY
LUINAIRE QUANTITY: 5

GENERAL NOTES

CONTRACTOR SHALL CLEAN LUMINAIRE WITH SOAP AND WATER TO REMOVE ALL DIRT, INSECT HABITATS AND OTHER ENVIRONMENTAL RESIDUE.

CONTRACTOR SHALL PROVIDE AND INSTALL NEW ELECTRICAL AND LIGHTING ELEMENT AS SPECIFIED AND FABRICATED BY LIGHTING MANUFACTURER. CONTRACTOR SHALL REFER TO MANUFACTURER'S INSTRUCTION FOR APPROPRIATE INSTALLATION. POWER CONNECTION TO NEW LIGHTING AND ELECTRICAL ASSEMBLY SHALL BE AT THE CEILING JUNCTION BOX.

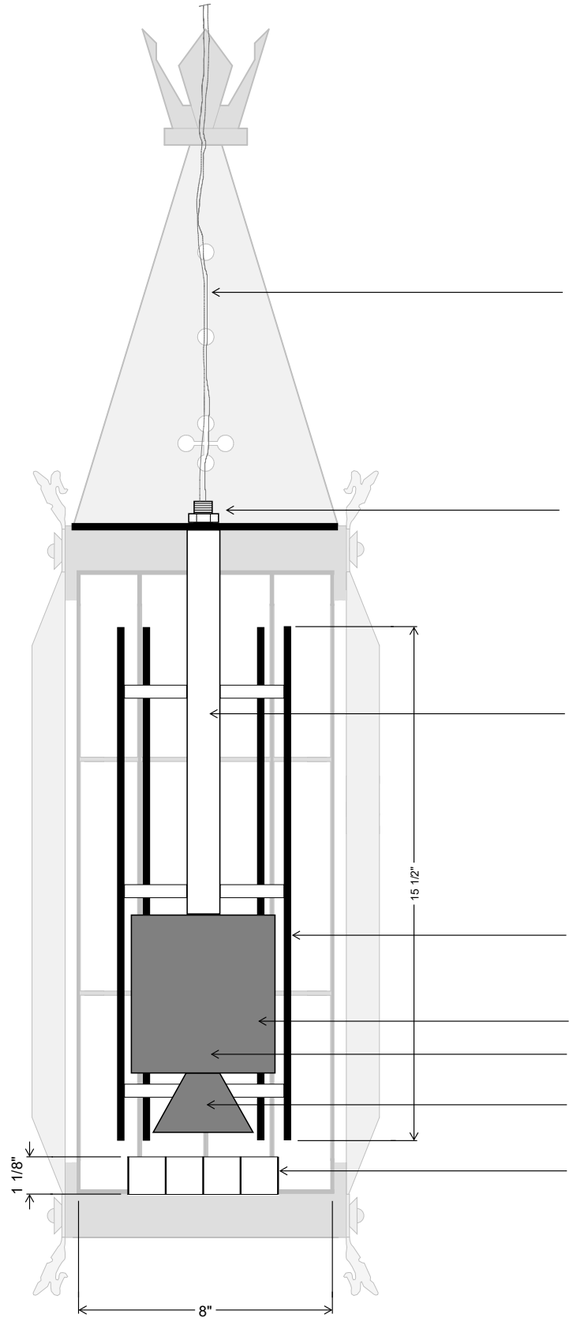
CONTRACTOR SHALL REPLACE OR REPAIR ANY BROKEN COMPONENTS, INCLUDING DECORATIVE AND STRUCTURAL ELEMENTS, SUCH AS GLASS AND METAL MATERIALS. REPAIRS OR REPLACEMENT OF COMPONENTS SHALL MATCH EXISTING FINISH AND MATERIAL QUALITIES. SUBMIT PROPOSED REMEDY TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INITIATING WORK.

ALL LED LIGHT SOURCES SHALL BE 2700K WITH 90+ CRI (MINIMUM). FINAL LUMEN OUTPUT TBD IN CONJUNCTION WITH MANUFACTURER.

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BASILICA OF STE. ANNE
100% CONSTRUCTION DOCUMENTS

LD3

MOUNTING LOCATION: BASILICA NARTHEX ENTRY
LUINAIRE QUANTITY: 5



MANUFACTURER SHALL SUPPLY WIRING WHIP TO CEILING MOUNTED JUNCTION. WIRING TO ACCOMMODATE 2-ZONE CONTROLS PER LIGHTING ASSEMBLY. WIRE WIP LENGTH SHALL BE ~65'. CONTRACTOR SHALL FIELD VERIFY WIRE LENGTH REQUIREMENTS AT TIME OF SHOP DRAWING REVIEW. WIRE WIP SHALL BE ROUTED THROUGH EXISTING SUSPENSION CHAIN.

NEW LIGHT SOURCE ASSEMBLY SECURED TO INTERIOR STRUCTURE OF EXISTING DECORATIVE SHROUD. CONTRACTOR SHALL FIELD VERIFY EXISTING SHROUD STRUCTURE.

CENTRAL STRUCTURAL STEM SUPPORTING LIGHTING ELEMENTS WITH INTERNAL WIRING ROUTING. S

STRUTS SUPPORTING VERTICAL LIGHTING ELEMENTS. SIZE AND QTY TBD BY MANUFACTURER.

(8) 15-1/2" LONG LINEAR LED SOURCES ORGANIZED IN A RADIAL PATTERN

HIGH OUTPUT LED DOWNLIGHT MODULE

ALUMINUM HEAT SINK

OPTICAL REFLECTOR

ROUND CONCENTRIC CIRCLE LOUVER WITH RINGS SPACED 1-1/2" O.C. LOUVER IS SUSPENDED FROM THE CUSTOM LIGHTING ASSEMBLY.

VERTICAL SECTION (SIDE VIEW)
1/4" = 1"





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LD4

MOUNTING LOCATION: BASILICA INTERIOR TRANSEPT ENTRY SCONCE
LUMINAIRE QUANTITY: 2

GENERAL NOTES

CONTRACTOR SHALL CLEAN LUMINAIRE WITH SOAP AND WATER TO REMOVE ALL DIRT, INSECT HABITATS AND OTHER ENVIRONMENTAL RESIDUE.

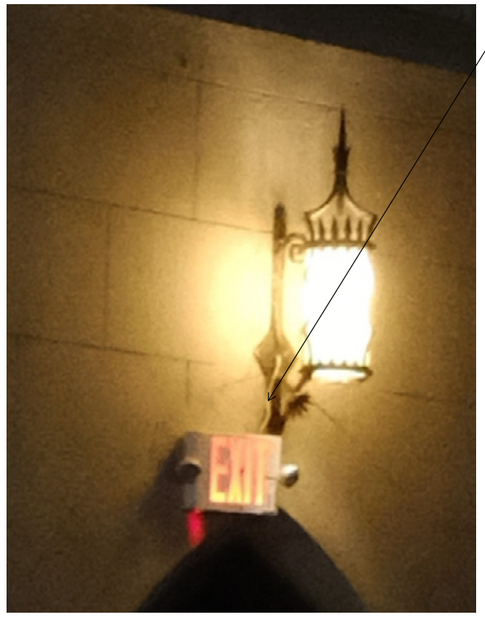
CONTRACTOR SHALL INSPECT CONDITION OF EXISTING ELECTRICAL ASSEMBLY TO ENSURE LUMINAIRE IS IN GOOD OPERATIONAL ORDER AND MEETS CURRENT CODE REQUIREMENTS. CONTRACTOR SHALL REPLACE DEFECTIVE COMPONENTS WITH NEW MATERIAL OF LIKE DESIGN TO ORIGINAL MATERIAL.

CONTRACTOR SHALL REPLACE OR REPAIR ANY BROKEN COMPONENTS, INCLUDING DECORATIVE AND STRUCTURAL ELEMENTS, SUCH AS GLASS AND METAL MATERIALS. REPAIRS OR REPLACEMENT OF COMPONENTS SHALL MATCH EXISTING FINISH AND MATERIAL QUALITIES. SUBMIT PROPOSED REMEDY TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INITIATING WORK.

CONTRACTOR SHALL ENSURE LUMINAIRE MEETS APPROPRIATE CERTIFICATION RATING FOR DRY, DAMP OR WET LOCATION BASED UPON MOUNTING LOCATION.

CONTRACTOR SHALL PROVIDE AND INSTALL RETROFIT LED LIGHT SOURCE HAVING APPROPRIATE MOUNTING BASE, 1100LM, 2700K CCT AND 90CRI MINIMUM. SOURCE SHALL BE DIMMABLE AND SHALL BE RATED APPROPRIATELY FOR THE MOUNTING APPLICATION. USE PLT SOLUTIONS 12012 SPECIFICATION OR APPROVED EQUAL.





WIRE ROUTING TO LIGHT SOURCE AT TOP OF LUMINAIRE.

WIRE ROUTING TO EXIT SIGN ADJACENT TO LUMINAIRE. CONTRACTOR SHALL COORDINATE WITH ARCHITECT MOUNTING LOCATION FOR NEW EXIT SIGN. POWER TO NEW EXIT SIGN SHALL BE ROUTED FROM OTHER SOURCE OR ROUTED IN A MANNER TO ELIMINATE EXPOSURE.

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LD4

MOUNTING LOCATION: BASILICA INTERIOR TRANSEPT ENTRY SCONCE
LUMINAIRE QUANTITY: 2





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LD5

MOUNTING LOCATION: BASILICA SIDE ALTARS
LUINAIRE QUANTITY: 4

GENERAL NOTES

CONTRACTOR SHALL CLEAN LUMINAIRE WITH SOAP AND WATER TO REMOVE ALL DIRT, INSECT HABITATS AND OTHER ENVIRONMENTAL RESIDUE.

CONTRACTOR SHALL PROVIDE AND INSTALL NEW ELECTRICAL AND LIGHTING ELEMENT AS SPECIFIED AND FABRICATED BY LIGHTING MANUFACTURER. CONTRACTOR SHALL REFER TO MANUFACTURER'S INSTRUCTION FOR APPROPRIATE INSTALLATION. POWER CONNECTION TO NEW LIGHTING AND ELECTRICAL ASSEMBLY SHALL BE AT THE CEILING JUNCTION BOX.

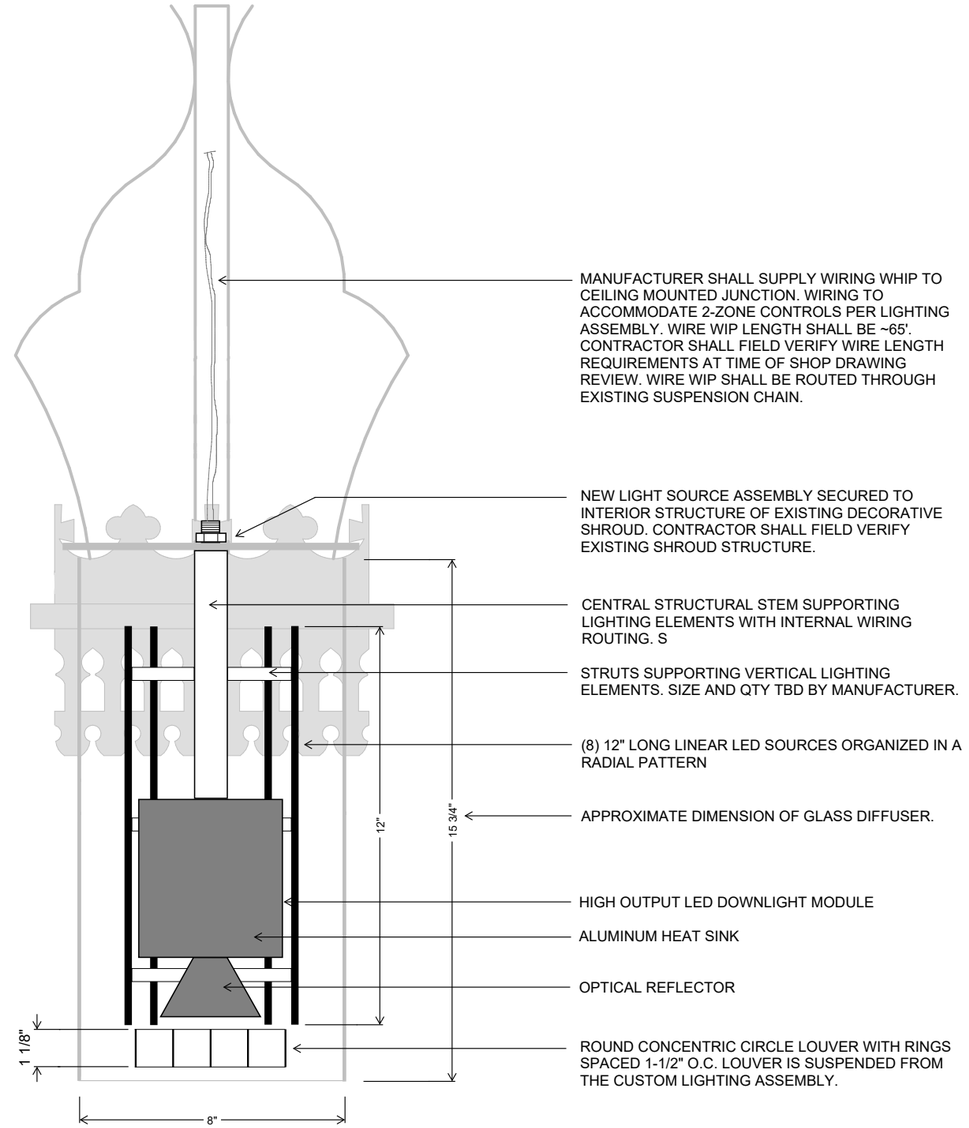
CONTRACTOR SHALL REPLACE OR REPAIR ANY BROKEN COMPONENTS, INCLUDING DECORATIVE AND STRUCTURAL ELEMENTS, SUCH AS GLASS AND METAL MATERIALS. REPAIRS OR REPLACEMENT OF COMPONENTS SHALL MATCH EXISTING FINISH AND MATERIAL QUALITIES. SUBMIT PROPOSED REMEDY TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INITIATING WORK.

ALL LED LIGHT SOURCES SHALL BE 2700K WITH 90+ CRI (MINIMUM). FINAL LUMEN OUTPUT TBD IN CONJUNCTION WITH MANUFACTURER.

DEREK PORTER STUDIO | LIGHTWORKS
BASILICA OF STE. ANNE
100% CONSTRUCTION DOCUMENTS

LD5

MOUNTING LOCATION: BASILICA SIDE ALTARS
LUINAIRE QUANTITY: 4



VERTICAL SECTION (SIDE VIEW)
1/4" = 1"





DEREK PORTER STUDIO | LIGHTWORKS
BASILICA OF STE. ANNE
100% CONSTRUCTION DOCUMENTS

LD6

MOUNTING LOCATION: BASILICA NARTHEX OVER RESTROOM
LUMINAIRE QUANTITY: 1

GENERAL NOTES

CONTRACTOR SHALL CLEAN LUMINAIRE WITH SOAP AND WATER TO REMOVE ALL DIRT, INSECT HABITATS AND OTHER ENVIRONMENTAL RESIDUE.

CONTRACTOR SHALL INSPECT CONDITION OF EXISTING ELECTRICAL ASSEMBLY TO ENSURE LUMINAIRE IS IN GOOD OPERATIONAL ORDER AND MEETS CURRENT CODE REQUIREMENTS. CONTRACTOR SHALL REPLACE WIRING AND DEFECTIVE COMPONENTS WITH NEW MATERIAL OF LIKE DESIGN TO ORIGINAL MATERIAL.

CONTRACTOR SHALL REPLACE OR REPAIR ANY BROKEN COMPONENTS, INCLUDING DECORATIVE AND STRUCTURAL ELEMENTS, SUCH AS GLASS AND METAL MATERIALS. REPAIRS OR REPLACEMENT OF COMPONENTS SHALL MATCH EXISTING FINISH AND MATERIAL QUALITIES. SUBMIT PROPOSED REMEDY TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INITIATING WORK.

CONTRACTOR SHALL ENSURE LUMINAIRE MEETS APPROPRIATE CERTIFICATION RATING FOR DRY, DAMP OR WET LOCATION BASED UPON MOUNTING LOCATION.

CONTRACTOR SHALL PROVIDE AND INSTALL RETROFIT LED TORPEDO SHAPED LIGHT SOURCE HAVING APPROPRIATE MOUNTING BASE, 500LM, 2700K CCT AND 90CRI MINIMUM. SOURCE SHALL BE DIMMABLE AND SHALL BE RATED APPROPRIATELY FOR THE MOUNTING APPLICATION. FINAL SPECIFICATION TBD BY LIGHTING DESIGNER.

CONTRACTOR SHALL REWIRE LUMINAIRE FROM BUILDING MOUNTED JUNCTION BOX TO EACH LAMP HOLDER.





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LD6

MOUNTING LOCATION: BASILICA NARTHEX OVER RESTROOM
LUMINAIRE QUANTITY: 1

CONTRACTOR SHALL REPLACE EXISTING LAMP HOLDERS OR ADD DECORATIVE SLEEVES TO COVER EXISTING PAPERBOARD LAMP HOLDER SLEEVE WITH DECORATIVE CANDLE SLEEVE. SPECIFICATION TBD BY LIGHTING DESIGNER.

CONTRACTOR SHALL PROVIDE AND INSTALL NEW DECORATIVE SHADE FOR NEW LIGHT SOURCE AND LAMP HOLDER. SHADE SHALL BE HISTORICALLY SENSITIVE TO LUMINAIRE DESIGN. FINAL DESIGN TBD BY LIGHTING DESIGNER.

DEREK PORTER STUDIO | LIGHTWORKS
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LC1

NANOLUME

Micro Profile LED Task and Cove Fixture



Wattage	3W or 6W per linear ft.
Input Voltage	90-120V or 230-277V
Control	Forward/Reverse Phase Line Dimmer, 0-10V, DALI, DMX
LED Spacing	5/8" on center
Length	12-72", in 6" increment allow 1/4" for each end cap and 1.25" for power feed cable
Total Width	1.03"
Total Height	0.82"
Color Options	2000K, 2400K, 2700K, 3000K, 3500K, 4000K
Mounting	Fixed, Hinge
Available Optics	15°×40°, 120°x120°
CRI	90+ CRI
Rating	IP50
Finish	White, Black
Material	High Temperature ABS Plastic
Custom	Contact Factory
Dimming	Patented CleanDim® Technology ensures even dimming from 0-100%.
Max Run	80 ft @ 120V (6W), 150ft @277V (6W)
Environmental	Operating temperature: -40°F-140°F Ambient(-40°C-60°C)** Storage temperature: -40°F-140°F Ambient indoor fixtures operation limited to =<50% relative humidity

** Military spec available under special request-lead times may be impacted.

PRODUCT SPECIFICATIONS:

PRODUCT	WATTAGE	COLOR OPTION	VOLTAGE	OPTIC	FINISH	MOUNTING	LENS	BAFFLE	REFLECTOR*	DIMMING*	ACCESSORY
Nanolume											
	3W **6W**	**2000K** **2400K** **2700K** **3000K** **3500K** **4000K**	**120V** **277V**	**15°x40°** **120°x120°**	**W** White **B** Black	**F** Fixed **H** Hinge	**C** Clear **CLD** Clear Light Diffused* **HD** Heavy Diffused* *Not Available with 10°x10° OR 15°X45° Optics	**SB** Square Baffle **ASYM** Asymmetric Baffle	**Y** Yes **N** No *Boosts overall output by 10% *Only Available with 120° Optics	**STANDARD DIMMING** **0-10V DIRECT** 1 Channel **0-10V REMOTE** **DMX REMOTE** **DALI REMOTE** *Extra Charge May Apply	**T** Track Mount (Only available with Fixed Mounting) Note: Knife Ege Cove compatible.

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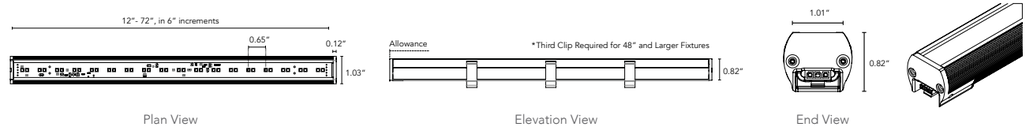
REV10312025

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LC1

NANOLUME

Micro Profile LED Task and Cove Fixture

DIMENSIONS:

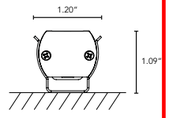


Plan View | Elevation View | End View

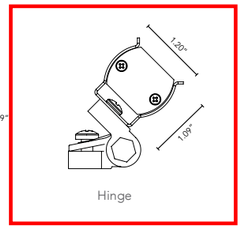
MOUNTING INFORMATION:

For vertical installation and installations above 4' please contact the factory for specific mounting instructions.

MOUNTING TBD.
IF FIXED USED TRACK.



Fixed



Hinge

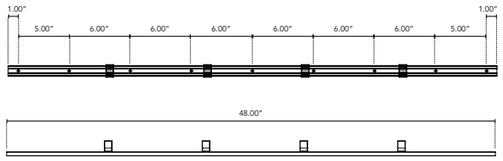
LUMINAIRE INFORMATION:

CCT (K)	Wattage	Lumens	LPW
2000	6	432	72
2400	6	510	85
2700	6	560	94
3000	6	588	98
3500	6	618	103
4000	6	636	106

* Typical delivered lumen data is approximate. Actual lumens will vary due to installation environment and beam pattern. Please see IES files.

ACCESSORY:

Track Mount Clip System is only available with Fixed Mounting.



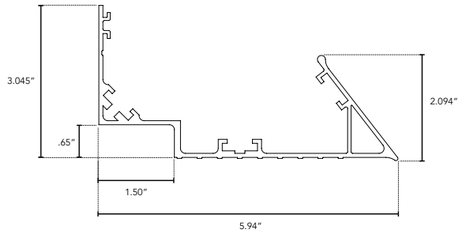
Plan View



Elevation View

KNIFE EDGE COVE:

See Knife Edge Cove specification sheet for additional information.



KEC Profile

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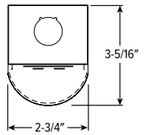
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REV10312025

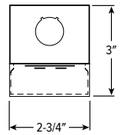
75R | 75S LED Narrow Strip

Williams





75R Shown



75S Shown

CATALOG #:

TYPE:

PROJECT:

BAA & BABA COMPLIANT · DLC LISTED · UL 924 · TW

FEATURES

- Small fixture profile allows inconspicuous placement in confined spaces
- Round and square lenses provide a clean look for architectural environments
- Row applications produce continuous light with minimal interruption
- Diffuse acrylic lens enhances uniformity and minimizes glare
- Variety of mounting accessories for surface and suspended applications
- Special reflectors are available to provide precise light distribution
- HE option delivers superior efficacies up to 182 lm/W
- Optional wireguard provides added protection
- Available on QuickShip at hew.com/75R_quickship.pdf and hew.com/75S_quickship.pdf
- Support human-centric design with adaptive, individualized lighting using tunable white light
- Wireless in-fixture control solutions available
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING – 22-gauge die-formed C.R.S.
- SHIELDING – Diffuse acrylic lens. Frosted polycabonate available for 75R, specify FP Option.
- FINISH – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL – High-quality mid-power LED board. L70 > 72,000 hours per IES TM-21. L80 > 102,000 hours with HE option. 25°C maximum ambient operating temperature. 50°C max with HA50 Option. 50/60 Hz constant current driver. Tunable White products use LEDs of multiple shade of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.
- MOUNTING – Surface (ceiling or wall) or suspended (hanging hardware required).
- LISTINGS –
  - cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations
  - UL 924 available, see Options.
  - DesignLights Consortium qualified product. Not all versions of this product may be DLC qualified, see the DLC Qualified Products List at designlights.org/QPL
  - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at hew.com/buy-american
- WARRANTY – 5-year limited warranty, see hew.com/warranty

ORDERING EXAMPLE: 75R - 4 - L85/835 - OPTIONS - CONTROL/DIM - UNV

SERIES
- **75R** Round lens
- **75S** Square lens

LENGTH
- **2** 22-1/2"
- **3** 33-9/16"
- **4** 44-5/8"
- **8** 89-1/4" [2]

LUMENS [1]

2′
- **L15** 1,500lm
- **L25** 2,500lm

Single CCT only
- **L32** 3,200lm
- **L42** 4,200lm

3′
- **L40** 4,000lm
- **L64** 6,400lm

4′
- **L30** 3,000lm
- **L50** 5,000lm

Single CCT only
- **L65** 6,500lm
- **L85** 8,500lm
- **L100** 10,000lm

8′
- **L60** 6,000lm
- **L100** 10,000lm

Single CCT only
- **L130** 13,000lm
- **L170** 17,000lm
- **L200** 20,000lm

CRI
- **8** 80
- **9** 90

CCT
- **27** 2700K
- **30** 3000K
- **35** 3500K
- **40** 4000K
- **50** 5000K
- **TW** Tunable white (3000K-5000K)
- **TW2** Tunable white (2700K-6500K)

OPTIONS [3]

See page 3 for FINISH OPTIONS. See page 3 for SPECIAL REFLECTOR OPTIONS. See page 3 for QUICK-CONNECT OPTIONS.

- **EM/10WLP** Low-profile 10-watt emergency battery [4]
- **EM/10WRM** Remote mount 10-watt emergency battery
- **EM/10WRM/RTS** Remote mount 10-watt emergency battery with regressed test switch
- **HE** High efficacy lumen package [5]
- **HA** High ambient operating temperature, 40°C [6]
- **HA50** High ambient operating temperature, 50°C [7]
- **WG-75** 11-gauge white powder coat wireguard [8]
- **315** 1-1/2" ceiling spacer
- **VBY** (2) Y-hangers
- **VBY-2** (2) Y-hangers with 2′ chains
- **RA-75** Row aligner [9]
- **45AMB** (2) 45° adjustable mounting brackets [10]
- **FP** Frosted polycarbonate lens for 75R
- **(L__)** Additional lower lumen packages available [11] Example: 7,000 nominal lumens = 75R-4-L85/835-**(L70)**
- **QC__** Quick-connect wiring harness
- **GEN** Approved for UL 924 emergency generator circuit through-feed wiring [12]
- **SP1** 10kV surge protection, 120 or 277V
- **SP2** 10kV surge protection, 208 or 240V
- **SP3** 10kV surge protection, 347V

AIRCRAFT CABLES (EXAMPLE: ACF/D48) [13]

Prefix		Type		Length	
ACF/	Feeder	**D**	1" grid & hardpan	**24**	24"
ACJ/	Joiner	**N**	9/16" grid	**48**	48"
		S	Slot grid	**96**	96"

CONTROL

Click HERE for linear control and sensor options.

Click HERE for industrial control and sensor options.

- – None

DRIVER

See page 5 for ADDITIONAL DRIVER OPTIONS.

- **DIM** Driver with external 0-10V dimming wires
- **DIM1** 1 % Driver with external 0-10V dimming wires
- **DRV** Driver without external dimming wires [15]

VOLTAGE

- **120** 120V
- **208** 208V
- **240** 240V
- **277** 277V
- **UNV** 120-277V
- **347** 347V [14]

NOTES

1. Lumen output based on 80 CRI, 3500K for static white and 4000K for tunable white. Actual performance may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see options.
2. Ships with (2) 4′ lenses.
3. Remote EM batteries: max remote distance 50′, including suspension length. Large remote box provided. Specify CEC in the option code when California Energy Commission regulations are required. See page 4 for REMOTE MOUNT BATTERY DETAILS.
4. Not available with 2′ fixtures.
5. Not available with tunable white or 90 CRI, 3′ Length, 2′ L15, 4′ L30, or 8′ L60 lumen packages. See page 2 for FIXTURE PERFORMANCE DATA.
6. Lumen restrictions apply. See page 2 for FIXTURE PERFORMANCE DATA.
7. Lumen restrictions apply: L32 max for 2′, L40 max for 3′, L65 max for 4′, L130 max for 8′. Not available with EM batteries.
8. Shipped separately, field-installed.
9. Required when row mounting with aircraft cables.
10. Cord recommended, ships separately. See page 4 for MOUNTING ACCESSORY DETAILS. Field-adjustable up and down in 7-1/2" increments.
11. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
12. Maximum mounting height is 15.4′ (4.7 m). Minimum lumen output is 400 lm/ft. See hew.com/UL924 for details.
13. Units specified with aircraft cable require cord and RA-75 row aligner. See page 4 for MOUNTING ACCESSORY DETAILS.
14. Not available with Tunable White or EM batteries.
15. Not available with tunable white.

DEREK PORTER STUDIO | LIGHTWORKS
BASILICA OF STE. ANNE
100% CONSTRUCTION DOCUMENTS
LC2

75R | 75S LED Narrow Strip

FIXTURE PERFORMANCE DATA

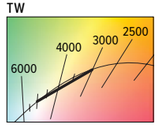
	LED PACKAGE	DELIVERED LUMENS	STANDARD WATTAGE	STANDARD EFFICACY (lm/W)	HE OPTION [1] WATTAGE	HE OPTION [1] EFFICACY (lm/W)	AMBIENT TEMPERATURE (°C) HA OPTION w/EM	HA OPTION NO EM	HA50 OPTION NO EM
2′	L15	1511	10.8	140	–	–	40	40	50
	L25	2470	18.2	136	14.8	167	40	40	50
	L32	2936	21.3	138	17.2	170	40	40	50
	L42	4124	31.4	132	23.0	180	35	40	–
3′	L40	3885	28.2	138	–	–	35	40	50
	L64	6259	48.2	130	–	–	30	35	–
4′	L30	2916	19.7	148	–	–	40	40	50
	L50	4867	33.0	148	26.7	182	40	40	50
	L65	5994	42.3	142	35.8	168	40	40	50
	L85	8098	56.2	144	47.6	170	35	40	–
	L100	9640	68.3	141	56.9	169	30	30	–
8′	L60	5520	35.3	157	–	–	40	40	50
	L100	9568	65.9	145	54.1	177	35	35	50
	L130	12353	87.9	141	70.8	175	35	35	50
	L170	16197	112.4	144	94.8	171	35	35	–
	L200	19281	136.5	141	113.9	169	30	30	–

1 Not available with 90 CRI.
- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI, 3500K for single CCT and 4000K for tunable white, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier tables to calculate additional options.
- HE Option is recommended for POE PR fixtures. Fixture efficacy is typically 10-12% higher than above at same lumen level. Consult factory during project design phase for details.

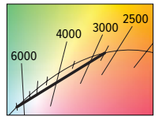
MULTIPLIER TABLE

	CCT	STANDARD	TW	TW2
80 CRI	2700K	0.97	–	0.93
	3000K	0.99	0.95	0.95
	3500K	1.00	0.98	0.98
	4000K	1.03	1.00	1.00
	5000K	1.06	0.96	1.02
	6500K	–	–	1.01
90 CRI	2700K	0.80	–	0.93
	3000K	0.82	0.91	0.95
	3500K	0.83	0.96	0.98
	4000K	0.86	1.00	1.00
	5000K	0.89	1.03	1.03
	6500K	–	–	1.02

TW

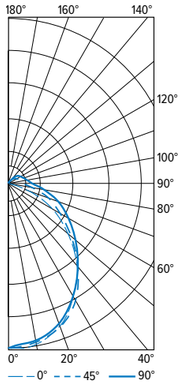


TW2



PHOTOMETRY

75R-4-L85/835 Total Luminaire Output: 8098 lumens; 56.2 Watts | Efficacy: 144 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION

VERTICAL ANGLE	HORIZONTAL ANGLE 0°	45°	90°	ZONAL LUMENS
0	2594	2594	2594	
5	2622	2585	2553	246
15	2503	2497	2480	703
25	2256	2306	2324	1059
35	1915	2042	2111	1264
45	1481	1673	1824	1281
55	1003	1296	1488	1135
65	620	942	1117	891
75	267	630	775	613
85	63	401	501	378
90	9	311	407	
95	1	249	329	225
105	0	150	219	136
115	0	94	149	83
125	0	53	102	47
135	0	28	63	24
145	0	12	35	10
155	0	6	16	3
165	0	0	4	0
175	0	0	0	0
180	0	0	0	

LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0 - 30	2008	25
0 - 40	3272	40
0 - 60	5688	70
0 - 90	7570	94
90 - 120	443	6
90 - 150	524	7
90 - 180	527	7
0 - 180	8098	100

PHOTOMETRY CONTINUED ON NEXT PAGE.

H.E. Williams, Inc. ▪ Carthage, Missouri ▪ www.hew.com ▪ 417-358-4065 ▪ Designed and Manufactured in the USA
Information contained herein is subject to change without notice.
REV.01/21/26.LM
Strips
Page 2 of 5

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LD12

TEAR SHEET



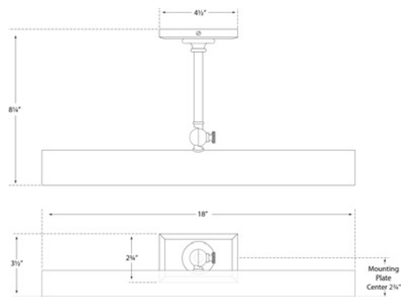
Clear 2700K E26 T10 5W 430LM



18" Cabinet Maker's Picture Light
Item # SL 2705BZ

Designer: Chapman & Myers

Height: 3.5"
Width: 18"
Extension: 8.25"
Backplate: 2.75" x 4.5" Rectangle
Finishes: AN, BZ, HAB, PN
Socket: 2 - E26 Keyless w/ Line Switch
Wattage: 2 - 25 T10
Weight: 3 Pounds
Note: Requires Smaller Outlet Box
©EFC DESIGNS



VISUAL COMFORT & CO.

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LD13



- Fixture Width w/Shade: 16.325"
- Length/Height w/Shade: 13-5/8"
- Adjustable Height: N
- Shade Dimensions: 4" W x 12" H
- Canopy/Base Diameter: 5-1/8"
- Fixture Weight: 18 lbs
- Socket Type/Integrated LED: Integrated LED
- Bulb Included: Y
- Dimmable: Yes, with triac wall dimmer
- Power Source: Hardwired
- Max Wattage: 30W
- Volts: 110-277VAC@50-60HZ
- Articulating: N
- Lumens: 2000lm
- Kelvins: 2700K
- CRI: 90+
- Lifespan: 20000 hrs



Aged Brass | Oil-Rubbed Bronze | Polished Nickel

Inspired by the decadence of the Art Deco movement, Lorna is expertly craftec of hand-blown glass shades with radial fluting—a sculptural light that makes a statement in your home.

The Lorna Collection was exclusively designed for Rejuvenation by Roll & Hill—an American design house known for innovative lighting and furniture. Roll & Hill's legacy of modern design perfectly complements Rejuvenation's commitment to quality and craftsmanship.

DETAILS YOU'LL APPRECIATE

- Limited collection designed exclusively for Rejuvenation by Roll & Hill
- Inspired by Hollywood Regency chandeliers
- Curved shades with textural detailing
- Energy-saving LED
- Made to order by skilled craftspeople at our Portland, Oregon factory

PRODUCT SPECIFICATIONS

- Aluminum and solid brass fixture
- Cased white glass shades
- Vault Mount: No
- Conforms to UL standards—this product is rated for use in damp environments
- Hardwired; professional installation recommended
- Suitable for indoor and covered outdoor use
- Contract Grade—designed, engineered, and tested for commercial use
- WARNING: This product can expose you to chemicals including lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to **www.P65warnings.ca.gov**

CARE INSTRUCTIONS

- Wipe clean with a soft, dry cloth or static dustor
- Always avoid the use of harsh chemicals or abrasive cleaners as they may cause damage to the fixture's finish
- Silver-toned finishes: Will naturally develop a milky-white tarnish over time particularly in humid environments. This patina can periodically be removed with a clean, soft cloth.

A8879-A8881

Lorna Semi Flush 16in

REJUVENATION

DEREK PORTER STUDIO | LIGHTWORKS
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100% CONSTRUCTION DOCUMENTS
LR2

KIRLIN
ARCHITECTURAL LIGHTING

Symphony Remote Driver Series

Open Appearance 7" Adjustable • LED

Up to 60,000 Hour Rated Life (L70) • Wet Location
LM-80 Qualified • LM-79 Certified Photometry

Specifications

Delivered System Performance
- Lumen Series: **Must Specify**
  -6500L: 6500 nominal lumens (74W)
  -5000L: 5000 nominal lumens (55W)
  -4000L: 4000 nominal lumens (42W)
  -2500L: 2500 nominal lumens (35W)
- Distributions: NFL standard; Optional: -SPT or -MFL
- Color temperature: 3500°K standard; Optional: -27K, -30K, -41K or -50K
- CRI: 80+ standard; Optional: -HC (90+)
- 60,000 hour rated life (L70)
- Fully sustainable: removable for servicing

Center Beam Optics
- Tilts up to 35° and locks in place
- Rotates full 360° and locks in place
- Accommodates sloped ceilings up to 35°

Thermal Management System
- All aluminum heat sink, components and housing maximize cool operation and long life while minimizing maintenance
- life while minimizing maintenance

SmartPower™ Battery Backup
- EMI-21220 for emergency power
- See specification sheet; order separately

Trim
- Clear specular aluminum trim
- Self-flanged, low glare angle-cut cone; prismatic spread lens above
- Optional colors and finishes available

Acrylic Enameled Aluminum Housing
- Rustproof and corrosion: Exceeds 1000 hour ASTM 5% salt spray test
- Shallow depth fits restricted plenums
- Cool operation: Extends life of all components
- Fully sustainable: Entire luminaire, including LED light engine, easily visible and serviced through aperture
- Built-in plaster flange

Outlet Box
- UL listed J-box with insulated removable cover. Prewired 14 GA (NEC) with ½" and ¾" knockouts

Remote Power Supply Required
- Kirlin offers two types of remote power supply cabinets (see pages 6-8 for more details):
  - **Symphony Cabinet:**
    - Surface-mounted cabinets (18" x 24" x 4-1/2")
    - Supports up to 8 drivers
    - For 0-10V and DMX applications (see page 6 for more details)
  - **Remote Mini-Cabinet:**
    - Plenum-rated mini-cabinets (4-3/8" x 20-1/4" x 2-3/4")
    - Supports up to 2 drivers
    - For 0-10V and DMX applications (see page 7-8 for more details)
- The Symphony Configurator can help determine the necessary component

Installation
- Requires minimum 16 AWG shielded twisted pair wire from driver to fixtures
- **Maximum cable run from driver to fixture is 250'**
- Recesses in ceilings up to 1⅛" thick
- Compatible with fire rated enclosures (by others)
- 27" galvanized hanger bars with adjustable mounting brackets (2) supplied

UL, C-UL (Canada) Listings
- Wet, damp, dry locations, covered ceilings
- -2500L (only): Type IC - for direct contact with insulation

SRR-07612



FCC Compliance
- FCC Part 15 certified for EMI/RFI emissions

FIVE YEAR Limited Warranty
- Complete standard fixture (must be used with SYM-CABNT, SYM-DMXPS or REM-SWCAB)

Maintenance and Future-Proofing
- M1 maintenance level standard- Phillips head screwdriver, and/or a basic wrench needed
- Lighthead replaceable through the aperture of the fixture with quick-connections, no soldering required
- Backed by Kirlin's 25-Year Legacy Support Guarantee

Made in the USA
BABA Compliant

FCC Part 15 Certified

UL Listed
Wet, Damp, Dry

Maintenance Level M1

Available Maintenance Levels

Level	Option	Tools Required to Service LED Module
M1	Standard	• Phillips head screwdriver, and/or a basic wrench needed

SYMPHONY
April 2026

DUE TO CONTINUING PRODUCT IMPROVEMENTS, KIRLIN LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE. VISIT WWW.KIRLINLIGHTING.COM FOR THE MOST CURRENT DATA.

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LR2

SRR-07612
ORDERING CONFIGURATION

KIRLIN
Lighting the Future Since 1895

Options and Ordering Configuration

(Example: SRR-07612-6500L-30K-38F)

Must Specify			Optional			
Model	**Lumens**	**Dimming**	**Color Temp. (CCT)**	**Distribution**	**Lens & Trim**	**Other Options**
SRR-07612						
	-6500L **-5000L** **-4000L** **-2500L**	**-010V:** 0-10V Dimming **-DMX:** DMX-RDM Dimming	**(Blank):** 3500°K **-27K:** 2700°K instead **-30K:** 3000°K instead **-41K:** 4000°K instead **-50K:** 5000°K instead **-HC:** 90+ CRI instead	**(Blank):** NFL **-SPT:** Spot distribution **-MFL:** Medium flood distribution	**(Blank):** Clear specular trim; lens above **-30T:** White enamel (complete trim) **-30F:** White enamel (flange only) **-37F:** Dark bronze enamel (flange only) **-38F:** Black enamel (flange only) **-45:** Gasket between trim flange and ceiling **-70T:** Clear semi-specular SofTex™ (complete trim) **-94:** Custom color/finish; specify; consult factory **-DL:** Downlight version instead	**(Blank):** None **-99:** Special modification; consult factory **-AT:** Air tight version; meets ASTM E283 restricted airflow of 2 CFM maximum **-RH:** Residential mounting hardware instead; suitable for wood joist ceilings with spacing from 14 ⅛" to 25 ⅞" with ⅝" vertical adjustability **-SH:** Sealed housing and junction box for -6500L or -5000L; see Option -AT for use with -2500L **-TA:** Top Access for servicing from above ceiling

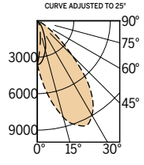
Photometry - Installed Complete Fixture

Photometry from I.T.L., Boulder, CO

LM-79 IES Certified Photometry from Independent Lab

-6500L STANDARD (NFL)

Lumens: 5206
Beam: ~39°
SC: 0.6
LPW: 71
Efficiency: 64.9%
ITL Test: 88085

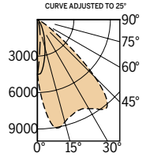


Total System Watts 72.9

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	3596	3596	3596	3596	3596
5	5144	4577	3449	2596	2316
15	8207	5970	2519	1141	902
25	9507	5643	1341	483	348
35	7926	3487	602	200	138
45	4076	1412	251	72	45
55	1274	458	80	19	11
65	275	105	16	8	1
75	20	7	3	0	0
85	1	0	0	0	0
90	0	0	0	0	0

-6500L Option -MFL

Lumens: 5937
Beam: ~47°
SC: 0.9
LPW: 81
Efficiency: 74.0%
ITL Test: 86450

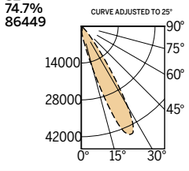


Total System Watts 73.3

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	4507	4507	4507	4507	4507
5	7512	6395	4221	2673	2302
15	8725	7478	2396	973	701
25	8205	7507	1134	369	236
35	9019	4697	496	168	114
45	6702	1373	199	81	57
55	1480	423	79	33	20
65	312	119	26	7	3
75	35	16	3	1	1
85	0	0	0	0	0
90	0	0	0	0	0

-6500L Option -SPT

Lumens: 5992
Beam: ~16°
SC: 0.3
LPW: 82
Efficiency: 74.7%
ITL Test: 86449



Total System Watts 73.2

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1576	1576	1576	1576	1576
5	3089	2505	1550	984	844
15	16886	4579	1263	402	327
25	45144	3867	610	230	186
35	15473	1556	271	135	103
45	2551	504	139	42	21
55	433	188	44	0	0
65	100	55	1	0	0
75	4	2	0	0	0
85	0	1	0	0	0
90	0	0	0	0	0

"FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR FIVE YEARS FROM DATE OF PURCHASE. INSTALLED TO N.E.C. IN NORMAL USE. Manufacturer at manufacturer within five years of original shipment. Liability of manufacturer is limited to the foregoing and manufacturer shall not be liable for any other damages, direct or indirect, sustained on fixtures for a particular use, nor will any oral statement constitute a warranty or amend this specific warranty. Abnormal use, abuse of the fixture, improper installatio

DEREK PORTER STUDIO | LIGHTWORKS
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100% CONSTRUCTION DOCUMENTS **LS1 LT2 LT3**

DOT

STATIC WHITE, FULL SPECTRUM

Lumenwerx

Project: _____

Type: _____



DESCRIPTION

The Dot, Box, and Dot Cylinder are individual mounting systems that can be used on their own as solo lighting fixtures, or they can act as complements or supplements to Pivot track systems on a larger scale. Designed to be surface mounted on ceilings or walls, they are equipped with flat, conduit feed, or direct mount canopies, which can be round or square. See separate spec sheets for details.

5 YEAR WARRANTY

Declare.

Order Guide

LUMINAIRE ID	HEIGHT	FINISH	BAFFLE	BAFFLE FINISH
DOT1 - Dot 1.5" **DOT2** - Dot 2"	**2.65IN** - 2.65" **4IN** - 4"	**TMB** - Matte black **TMW** - Matte white **CF#** - Custom finish, specify RAL # See page 4 for more finish options	**SDB** - Standard baffle **DCB** [1] - Decorative baffle [1] Recommended when a different finish is desired for the baffle.	**TMB** - Matte black **TMW** - Matte white **CF#** - Custom finish, specify RAL # See page 4 for more finish options

LIGHT SOURCE	BEAM ANGLE	CRI	LUMEN PACKAGE [3]			COLOR TEMP.	VOLTAGE
				1.5"	2"		
SW - Static white **FS** - Full spectrum static white	**20DEG** - 20° Spot **35DEG** - 35° Narrow flood **50DEG** - 50° Wide flood	**80CRI** [2] - 80+ CRI **90CRI** [2] - 90+ CRI **95CRI** - 95+ CRI [2] Not available with full spectrum.	2.65" height	**900LM** - 900 lm, 12.2 W	**1100LM** - 1100 lm, 15.9 W	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K	**120V** - 120V **277V** - 277V **UNV** - 120V-277V
			4" height	**900LM** - 900 lm, 12.2 W **1120LM** - 1120 lm, 15.9 W	**1100LM** - 1100 lm, 15.9 W **1260LM** - 1260 lm, 17.8 W		

[3] Lumen outputs are reduced with full spectrum, consult factory.

DRIVER [4]			AIMABLE ARM [8]	CANOPY	CANOPY FINISH Specify NA for DM
CANOPY DRIVER	REMOTE DRIVER				
D1 - 1% 0-10V **ELV** [5] - ELV 120V **TRI** [5] - TRIAC 120V	**RD1** - 1% 0-10V **RELV** [5] - ELV 120V **RTRI** [5] - TRIAC 120V **RLDE1** [6] - Lutron Hi-lume 1% Eco	**RDA** [6] - DALI **RELD0** - eldoLED 0.1% 0-10V **RELD1** - eldoLED 1% 0-10V **+EB** [7] - Emergency battery	**FH** - Flush **ST3IN** [9] - 3" long stem [8] 90° tilt, 355 rotation. [9] Consult factory for longer stem lengths.	**FLR** - Flat round canopy, 4" octagonal junction box **FLS** - Flat square canopy, 4" octagonal junction box **CDR** - Conduit feed, round canopy **CDS** - Conduit feed, square canopy **DM** [10] - Direct mount [10] Available with remote driver only.	**TMB** - Matte black **TMW** - Matte white **CF#** - Custom finish, specify RAL# **NA** - Not applicable See page 4 for more finish options

[4] PoE (Power-over-Ethernet) compatible. Consult factory for details.
[5] Available with 120V only.
[6] On-site commissioning is required.
[7] For emergency battery, code will be like the following example: **RD1+EB**.

3737 Cote Vertu St-Laurent, Quebec, Canada H4R 2C9
T (514) 225-4304 F (514) 931 -4862
www.lumenwerx.com

Intertek

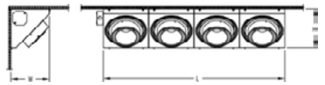
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DOT-SPEC-REV5 January 8, 2026

WELL WELL PoE

Manning Lighting

DEREK PORTER STUDIO | LIGHTWORKS
BASILICA OF STE. ANNE
100% CONSTRUCTION DOCUMENTS **LT1**





1 Fixture Number

GC-146	8"W x 8"H x 9.5"L	**GC-346**	8"W x 8"H x 28"L
GC-164	10"W x 10"H x 12"L	**GC-364**	10"W x 10"H x 36"L
GC-246	8"W x 8"H x 19"L	**GC-446**	8"W x 8"H x 37.5"L
GC-264	10"W x 10"H x 24"L	**GC-464**	10"W x 10"H x 48"L

2 Finish

Housing
Standard Painted Finishes (PT)

3 Lamping
LED options includes integral 120-277v 1-100% dimming driver compatible with 0-10v, Triac, and ELV controls. Over-current and short-circuit protected. All LEDs are 80+ CRI, 50,000 hr. L70. Wattage listed includes driver efficiency.

GC-146

LED Options	Lumens	Wattage
G35 (1) 35-watt LED array	3657 (delivered)	35

Non-LED Lamps
1PAR200: (1) 200 watt PAR46 incandescent

GC-164

LED Options	Lumens	Wattage
1G56 (1) 56-watt LED array	5970 (delivered)	56

Non-LED Lamps
1PAR500: (1) 500 watt PAR64 incandescent

GC-246

LED Options	Lumens	Wattage
2G35 (2) 35-watt LED arrays	7314 (delivered)	70

Non-LED Lamps
2PAR200: (2) 200 watt PAR46 incandescent

GC-264

LED Options	Lumens	Wattage
2G56 (2) 56-watt LED arrays	11940 (delivered)	112

Non-LED Lamps
2PAR500: (2) 500 watt PAR64 incandescent

GC-346

LED Options	Lumens	Wattage
3G35 (3) 35-watt LED arrays	10971 (delivered)	105

Non-LED Lamps
3PAR200: (3) 200 watt PAR46 incandescent

GC-364

LED Options	Lumens	Wattage
3G56 (3) 56-watt LED arrays	17910 (delivered)	168

Non-LED Lamps
3PAR500: (3) 500 watt PAR64 incandescent

GC-446

LED Options	Lumens	Wattage
4G35 (4) 35-watt LED arrays	14628 (delivered)	140

Non-LED Lamps
4PAR200: (4) 200 watt PAR46 incandescent

GC-464

LED Options	Lumens	Wattage
4G56 (4) 56-watt LED arrays	23880 (delivered)	224

Non-LED Lamps
4PAR500: (4) 500 watt PAR64 incandescent

4 LED Color Temp
27: 2700K
30: 3000K
35: 3500K
40: 4000K

5 LED Dimming
D0: 0-10v
D1: Triac (Leading Edge)*
D2: ELV (Trailing Edge)

6 Downlight Optics Options
B11: 11-deg. beam reflector
B30: 30-deg. beam reflector
B60: 60-deg. beam reflector

7 Voltage Options
120: 120 volt
277: 277 volt (Not available with incandescent lamp options)

1	2	3	4	5	6	7
Fixture #	Housing (Finish)	Lamping	Color Temp	Dimming	Downlight Opti	Voltage





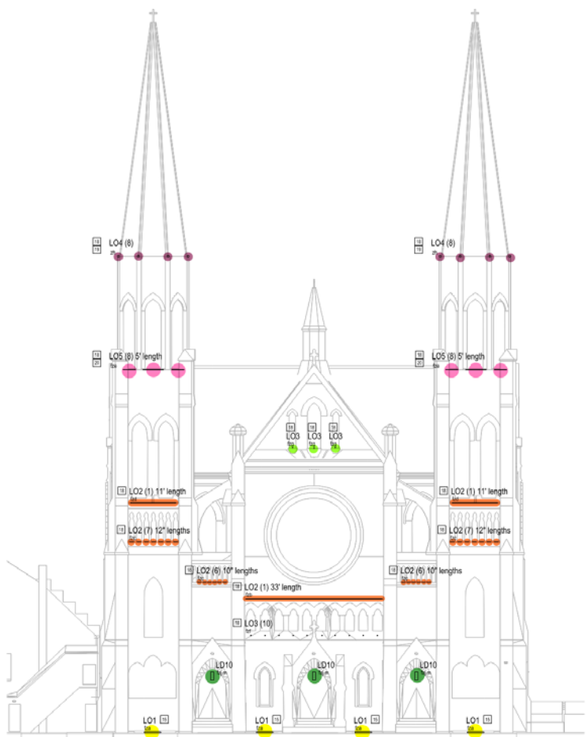


1. THE INTERVENTION OF NEW LIGHTING FIXTURES IN THE BASILICA IS TO ENHANCE THE VISUAL QUALITIES OF THE SPACE. THESE FIXTURES ARE MEANT TO SUPPORT/ INFILL THE LIGHTING LEVELS NOT ACHIEVED BY THE RESTORATION OF THE HISTORIC FIXTURES. FIXTURES WILL BE HIDDEN FROM VIEW PLACED ON LEDGES AND IN NICHES.

INTERIOR LIGHTING MODELS



2 LD201 LIGHTING ELEVATION - WEST FACADE
SCALE: 1/16" = 1'-0"



1 LD201 LIGHTING ELEVATION - NORTH FACADE
SCALE: 1/16" = 1'-0"

GENERAL NOTES

A. 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.

B. LO1, LO3, AND , LO4 LUMINAIRES ARE AIMABLE AND SHALL BE FOCUSED AS INSTALLED. IF NO AIM ARROW IS SHOWN, FOCUS STRAIGHT UP. COORDINATE WITH THE LIGHTING DESIGNER TO MEET AT THE SITE TO DO A FINAL FINE-TUNING OF THE LIGHT AIMING. THE FINE-TUNING SHALL BE DONE IN THE DARK.

C. LO2 AND LO5 LENGTHS ARE NOTED FOR BUDGETING, BUT FINAL RUN LENGTHS SHALL BE DETERMINED IN THE FIELD. RUNS SHALL BE CENTERED BETWEEN VERTICAL FACADE DETAILS WITH A GAP AT EACH END NO MORE THAN 2".

KEY NOTES

NOTE: NOT ALL KEYNOTES MAY BE USED.

1. CONTRACTOR SHALL REMOVE EXISTING PENDANT MOUNTED LUMINAIRE AND RELOCATE TO NEW LOCATION (SEE KEY NOTE 2). PATCH AND PAINT CEILING AS SPECIFIED BY ARCHITECT.
2. CONTRACTOR SHALL RELOCATE EXISTING PENDNAT MOUNTED LUMINAIRE TO NEW LOCATION PER DRAWING. PROVIDE AND INSTALL NEW ELECTRICAL JUNCTION BOX AND STRUCTURAL BLOCKING AS MAY BE REQUIRED TO SUPPORT PENDANT LUMINAIRE. NEW LOCATION SHALL ALIGN WITH EXISTING PENDANT LAYOUTS.
3. CONTRACTOR SHALL PROVIDE 2-CONTROL ZONES AT EACH LD1, LD3, AND PENDANT MOUNTED LUMINAIRE LOCATION. REFER TO LUMINAIRE CUTSHEET FOR ADDITIONAL INFORMATION PERTAINING TO NEW LIGHT ENGINE SPECIFICATIONS AND INDEPENDENTLY CONTROLED OMNI-DIRECTIONAL AND DOWNLIGHT SOURCES.
4. CONTRACTOR SHALL PROVIDE 2-CONTROL ZONES AT EACH LD1 PENDANT MOUNTED LUMINAIRE LOCATION. REFER TO LUMINAIRE CUTSHEET FOR ADDITIONAL INFORMATION PERTAINING TO NEW LIGHT ENGINE SPECIFICATIONS AND INDEPENDENTLY CONTROLED OMNI-DIRECTIONAL AND DOWNLIGHT SOURCES. REFER TO MOUNTING DETAIL OF LS1 ACCENT LIGHTS MOUNTED TO TOP OF LD1 PENDANT LUMINAIRE. ACCENT LIGHTS SHALL BE CONTROLLED INDEPENDET OF 2-ZONE PENDANT LIGHT. CONSULT WITH LIGHTING DESIGNER IF QUESTIONS.
5. CONTRACTOR SHALL COORDINATE WITH ARCHITECT WALL MOUNTING LOCATION AND WIRING OF LD4 LUMINAIRE AND ADJACENT EXIT SIGN. LUMINAIRE MAY REQUIRE RELOCATION ON WALL TO BETTER ACCOMMODATE CENTERING EXIT SIGN ABOVE EGRESS DOOR.
6. WALL MOUNTED PICTURE LIGHT TO ILLUMINATE WALL DISPLAY.
7. LINEAR UPLIGHTS MOUNTED AT ARCHITECTURAL CORNICE. REFER TO ARCHITECT'S DETAIL FOR ADDITIONAL INFORMATION. 120V/277V INTEGRAL DRIVER LUMINAIRE. REFER TO LUMINAIRE CUTSHEETS FOR ADDITIONAL INFORMATION.
8. SCONCES LOCATED AT EACH BATHROOM MIRROR. CONTRACTOR SHALL REFER TO ARCHITECT'S ELEVATION AND FIELD VERIFY MOUNTING LOCATION WITH ARCHITECT.
9. EXISTING WALL MOUNTED HISTORIC LUMINAIRE. REFER TO LUMINAIRE CUTSHEET AND ARCHITECT'S ELEVATION DETAIL FOR ADDITIONAL INFORMATION.
10. LR2 LUMINAIRES ARE RECESS MOUNTED IN NAIVE VAULTED CEILING. LUMINAIRES ARE ACCESSIBLE FROM ABOVE FOR AIMING AND MAINTENANCE. CONTRACTOR SHALL ENSURE ACCESSIBILITY TO LUMINAIRES FROM CATWALK OR OTHER SECURE WALKING SURFACE TO ENSURE NO DAMAGE TO CEILING. DRIVERS SHALL BE REMOTE MOUNTED TO CATWALK AND LOCATED WITHIN FACTORY SUPPLIED ENCLOSURES TO ENSURE ACCESSIBILITY AND EASE FUTURE MAINTENANCE
11. SURFACE MOUNTED LUMINAIRE LOCATED AT BACK OF MAIN ALTER TO PROVIDE AMBIENT ILLUMINATION TO BACK WALL. CONTRACTOR SHALL FIELD COORDINATE WITH ARCHITECT FINAL MOUNTING LOCATIONS.
12. MINIATURE POINT SOURCE WITH WIDE BEAM DISTRIBUTION LOCATED ON TOP OF COLUMN CAPITAL AND ORIENTED UPWARD TO ILLUMINATE THE VAULTED CEILING. EXACT MOUNTING LOCATION TO BE FIELD VERIFIED BASED UPON SITE MOCKUP. LOW VOLTAGE POWER ROUTED FROM THE BASEMENTWHERE REMOTE LOCATED DRIVER IS MOUNTED. REFER TO ARCHITECT'S DETAIL FOR ADDITIONAL INFORMATION
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14. NEW DECORATIVE PENDANT LIGHT. ARCHITECT SHALL DETERMINE PENDANT LENGTH.
15. EXTERIOR GROUND MOUNTED LUMINAIRES. REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION PERTAINING TO SET BACK DIMENSIONS. COORDINATION WITH LANDSCAPE MATERIALS TBD.
16. LINEAR UPLIGHTS MOUNTED AT ARCHITECTURAL CORNICE. NOTE LINEAR COVE HAPPENS AT (2) DIFFERENT ELEVATED POSITIONS ON UPPER WALL. REFER TO INTERIOR ELEVATION DRAWING FOR ADDITIONAL INFORMATION. REFER TO ARCHITECT'S DETAIL FOR ADDITIONAL INFORMATION. 120V/277V INTEGRAL DRIVER LUMINAIRE. REFER TO LUMINAIRE CUTSHEETS FOR ADDITIONAL INFORMATION.
17. CONTRACTOR SHALL INCREASE THE MOUNTING HEIGHT OF ALL LD1 PENDANT MOUNTED LUMINAIRES SO THAT BOTTOM OF LUMINAIRES ARE 17'-6" AFF.
18. EXTERIOR BUILDING MOUNTED LUMINAIRES SHALL BE SURFACE MOUNTED TO WOOD OR MORTOR AREAS TO ELIMINATE PERMINANT DAMAGE TO ORIGINAL BUILDING MATERIALS. LUMINAIRES WILL BE SUPPLIED WITH SPECIFIED MOUNTING BRACKETS OR STEM LENGTHS TO ESTABLISH DESIRED SETBACK DIMENSIONS FROM FACADE AREA TO ACHIEVE DESIRED LIGHTING EFFECT. REFER TO ARCHITECT'S MOUNTING DETAIL.
19. TOTAL OF (8) LO4 LUMINAIRES EQUALLY SPACED AROUND OCTAGONAL FACETS OF SPIRE.
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21. LIGHTING IMPROVEMENTS IN THE SUPPORT SPACES SURROUNDING THE ALTAR SHALL BE INCLUDED IN FUTURE PACKAGES.
22. FIXTURE SHALL INCLUDE A CUSTOM MOUNTING BRACKET THAT ALLOWS FOR SURFACE MOUNTING PER KEYNOTE 18, AND ALLOWS FOR DESIRED SETBACK. SETBACK TO BE DETERMINED UPON VERIFICATION OF FIELD CONDITIONS AND AFTER AN ON-SITE MOCKUP.
23. LUMINAIRE SHALL BE CENTERED WITHIN OPENING AS INDICATED. EXACT LENGTHS TO BE FIELD VERIFIED PRIOR TO ORDERING.

LIGHTING SYMBOL LEGEND

NOTE: NOT ALL SYMBOLS MAY BE USED.

LR1 — LIGHT FIXTURE TAG
TOP = FIXTURE LABEL
BOTTOM = CONTROL ZONE

LIGHT FIXTURE - PENDANT

LIGHT FIXTURE - RECESSED OR SURFACE ADJUSTABLE LIGHT

LIGHT FIXTURE - WALL MOUNT PICTURE LIGHT

LIGHT FIXTURE - WALL MOUNT SURFACE

RECESSED OR SURFACE MOUNTED LINEAR

LIGHT FIXTURE - EXTERIOR BOLLARD

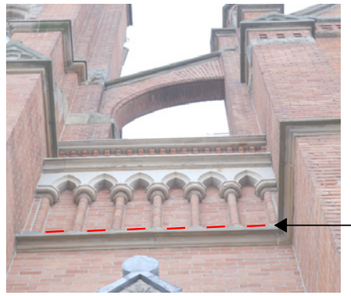
LIGHT FIXTURE - EXTERIOR ROUND POST TOP

LIGHT FIXTURE -EXTERIOR SQUARE POST TOP

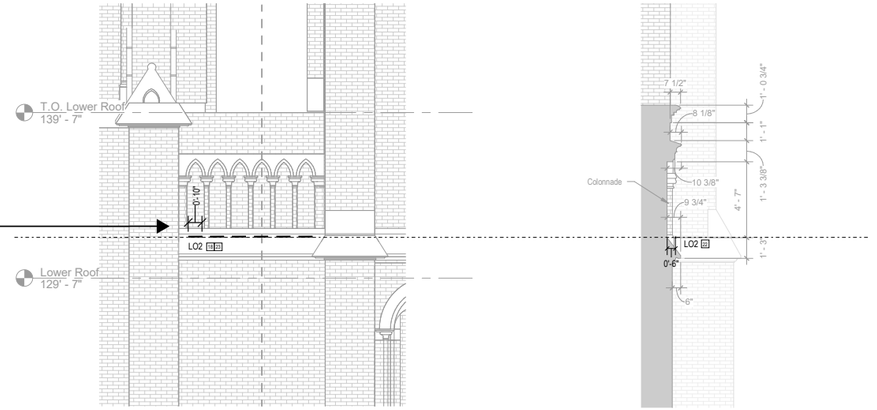
HISTORIC LIGHT FIXTURE IDENTIFICATION LEGEND
- LD10
- LD11

NEW LIGHT SOURCE IDENTIFICATION LEGEND
- LO1
- LO2
- LO3
- LO4
- LO5

EXTERIOR LIGHT FIXTURE RESTORATION

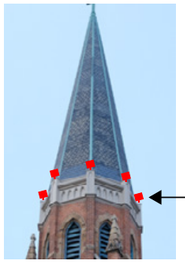


INTENDED MOUNTING LOCATION

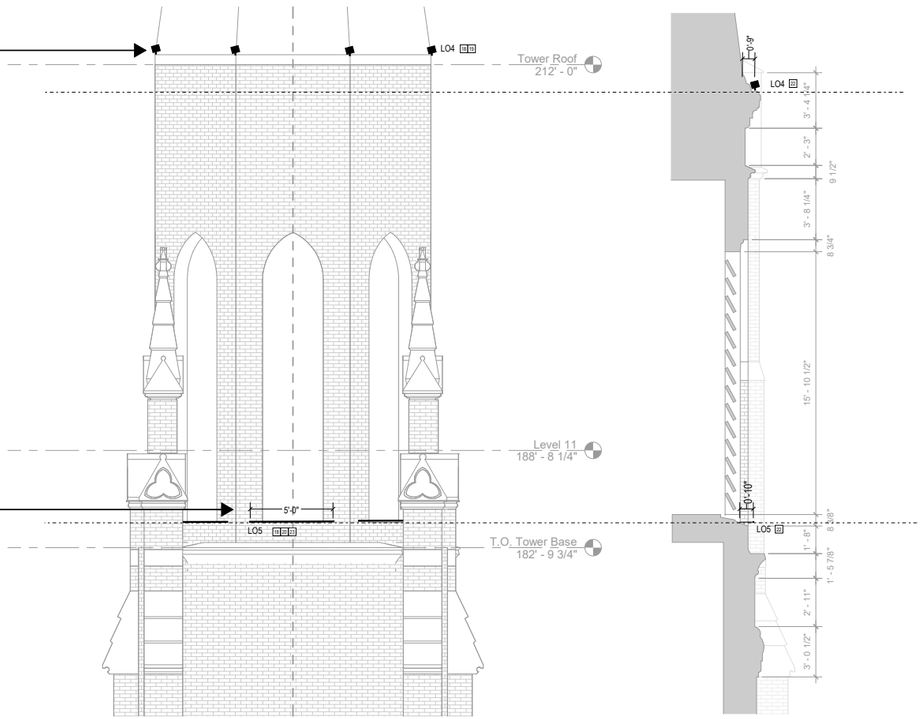


North Elevation - North Wing Colonnade
1/4" = 1'-0"

Section - North Wing Colonnade
1/4" = 1'-0"



INTENDED MOUNTING LOCATION



North Elevation - North East Tower
1/4" = 1'-0"

Section - Tower Pointed Arch
1/4" = 1'-0"

KEY NOTES

NOTE: NOT ALL KEY NOTES MAY BE USED.

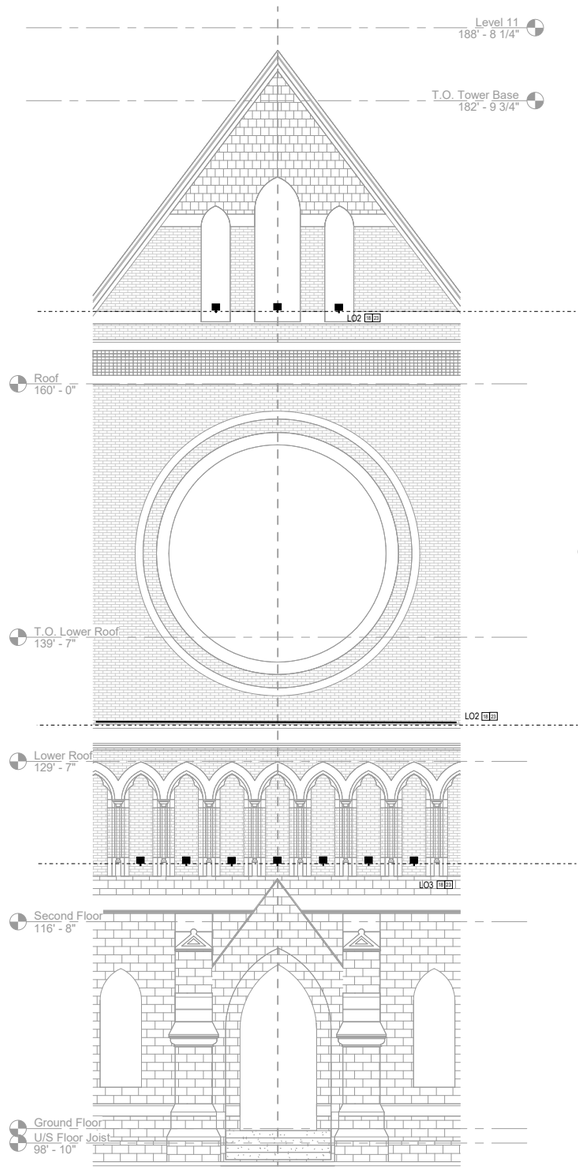
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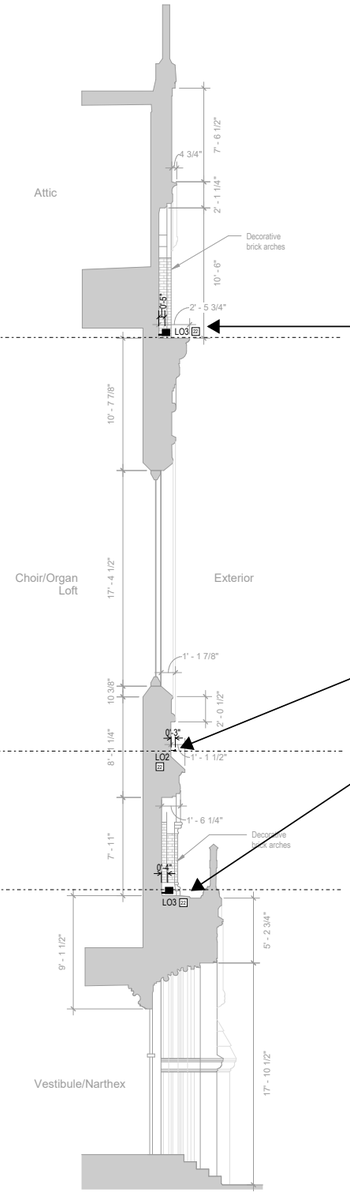
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LR1 / LR	LIGHT FIXTURE TAG TOP = FIXTURE LABEL BOTTOM = CONTROL ZONE
	LIGHT FIXTURE - PENDANT
	LIGHT FIXTURE - RECESSED OR SURFACE ADJUSTABLE LIGHT
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	RECESSED OR SURFACE MOUNTED LINEAR
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	LIGHT FIXTURE - EXTERIOR ROUND POST TOP
	LIGHT FIXTURE -EXTERIOR SQUARE POST TOP

EXTERIOR LIGHT FIXTURE INSTALLATION



North Elevation - Center axis
3/16" = 1'-0"



Section - Central Axis
3/16" = 1'-0"



INTENDED MOUNTING LOCATION



INTENDED MOUNTING LOCATION

KEY NOTES

NOTE: NOT ALL KEY NOTES MAY BE USED.

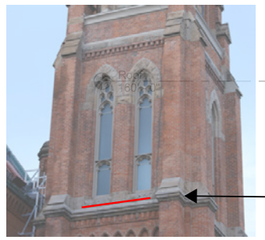
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LIGHTING SYMBOL LEGEND

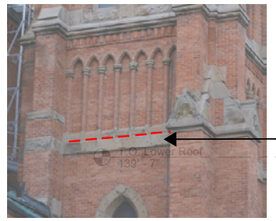
NOTE: NOT ALL SYMBOLS MAY BE USED.

LR1 (TOP) / 24 (BOTTOM)	LIGHT FIXTURE TAG TOP = FIXTURE LABEL BOTTOM = CONTROL ZONE
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	LIGHT FIXTURE - WALL MOUNT PICTURE LIGHT
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EXTERIOR LIGHT FIXTURE INSTALLATION



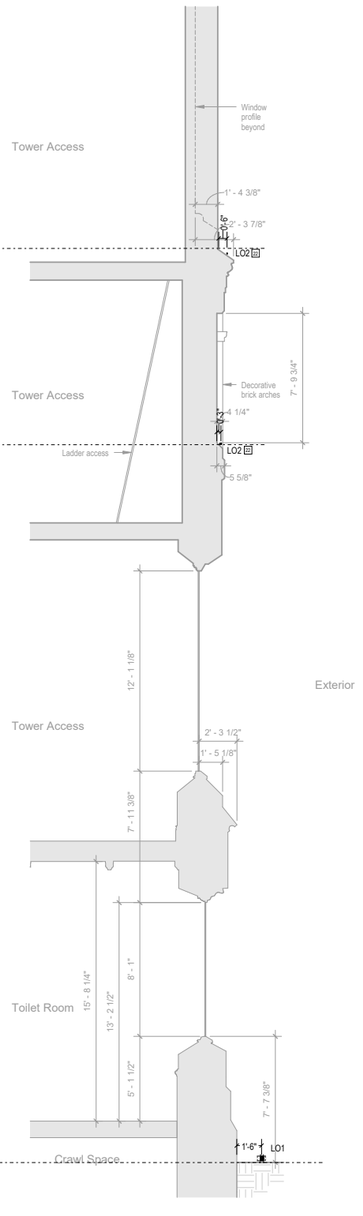
INTENDED MOUNTING LOCATION



INTENDED MOUNTING LOCATION

INTENDED MOUNTING LOCATION

North Elevation - Tower
1/4" = 1'-0"



Section - Tower Base
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5. CONTRACTOR SHALL COORDINATE WITH ARCHITECT WALL MOUNTING LOCATION AND WIRING OF LD4 LUMINAIRE AND ADJACENT EXIT SIGN. LUMINAIRE MAY REQUIRE RELOCATION ON WALL TO BETTER ACCOMMODATE CENTERING EXIT SIGN ABOVE EGRESS DOOR.
6. WALL MOUNTED PICTURE LIGHT TO ILLUMINATE WALL DISPLAY.
7. LINEAR UPLIGHTS MOUNTED AT ARCHITECTURAL CORNICE. REFER TO ARCHITECT'S DETAIL FOR ADDITIONAL INFORMATION. 120V/277V INTEGRAL DRIVER LUMINAIRE. REFER TO LUMINAIRE CUTSHEETS FOR ADDITIONAL INFORMATION.
8. SCONCES LOCATED AT EACH BATHROOM MIRROR. CONTRACTOR SHALL REFER TO ARCHITECT'S ELEVATION AND FIELD VERIFY MOUNTING LOCATION WITH ARCHITECT.
9. EXISTING WALL MOUNTED HISTORIC LUMINAIRE. REFER TO LUMINAIRE CUTSHEET AND ARCHITECT'S ELEVATION DETAIL FOR ADDITIONAL INFORMATION.
10. LR2 LUMINAIRES ARE RECESS MOUNTED IN NAIVE VAULTED CEILING. LUMINAIRES ARE ACCESSIBLE FROM ABOVE FOR AIMING AND MAINTENANCE. CONTRACTOR SHALL ENSURE ACCESSIBILITY TO LUMINAIRES FROM CATWALK OR OTHER SECURE WALKING SURFACE TO ENSURE NO DAMAGE TO CEILING. DRIVERS SHALL BE REMOTE MOUNTED TO CATWALK AND LOCATED WITHIN FACTORY SUPPLIED ENCLOSURES TO ENSURE ACCESSIBILITY AND EASE FUTURE MAINTENANCE
11. SURFACE MOUNTED LUMINAIRE LOCATED AT BACK OF MAIN ALTER TO PROVIDE AMBIENT ILLUMINATION TO BACK WALL. CONTRACTOR SHALL FIELD COORDINATE WITH ARCHITECT FINAL MOUNTING LOCATIONS.
12. MINIATURE POINT SOURCE WITH WIDE BEAM DISTRIBUTION LOCATED ON TOP OF COLUMN CAPITAL AND ORIENTED UPWARD TO ILLUMINATE THE VAULTED CEILING. EXACT MOUNTING LOCATION TO BE FIELD VERIFIED BASED UPON SITE MOCKUP. LOW VOLTAGE POWER ROUTED FROM THE BASEMENTWHERE REMOTE LOCATED DRIVER IS MOUNTED. REFER TO ARCHITECT'S DETAIL FOR ADDITIONAL INFORMATION
13. MINIATURE POINT SOURCE WITH NARROW BEAM DISTRIBUTION LOCATED ON TOP OF COLUMN CAPITAL AND ORIENTED DOWNWARD TO ACCENT THE STATIONS OF THE CROSS AND SIDE ALTARS. EXACT MOUNTING LOCATION TO BE FIELD VERIFIED BASED UPON SITE MOCKUP. LOW VOLTAGE POWER ROUTED FROM THE BASEMENTWHERE REMOTE LOCATED DRIVER IS MOUNTED. REFER TO ARCHITECT'S DETAIL FOR ADDITIONAL INFORMATION.
14. NEW DECORATIVE PENDANT LIGHT. ARCHITECT SHALL DETERMINE PENDANT LENGTH.
15. EXTERIOR GROUND MOUNTED LUMINAIRES. REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION PERTAINING TO SET BACK DIMENSIONS. COORDINATION WITH LANDSCAPE MATERIALS TBD.
16. LINEAR UPLIGHTS MOUNTED AT ARCHITECTURAL CORNICE. NOTE LINEAR COVE HAPPENS AT (2) DIFFERENT ELEVATED POSITIONS ON UPPER WALL. REFER TO INTERIOR ELEVATION DRAWING FOR ADDITIONAL INFORMATION. REFER TO ARCHITECT'S DETAIL FOR ADDITIONAL INFORMATION. 120V/277V INTEGRAL DRIVER LUMINAIRE. REFER TO LUMINAIRE CUTSHEETS FOR ADDITIONAL INFORMATION.
17. CONTRACTOR SHALL INCREASE THE MOUNTING HEIGHT OF ALL LD1 PENDANT MOUNTED LUMINAIRES SO THAT BOTTOM OF LUMINAIRES ARE 17'-6" AFF.
18. EXTERIOR BUILDING MOUNTED LUMINAIRES SHALL BE SURFACE MOUNTED TO WOOD OR MORTOR AREAS TO ELIMINATE PERMINANT DAMAGE TO ORIGINAL BUILDING MATERIALS. LUMINAIRES WILL BE SUPPLIED WITH SPECIFIED MOUNTING BRACKETS OR STEM LENGTHS TO ESTABLISH DESIRED SETBACK DIMENSIONS FROM FACADE AREA TO ACHIEVE DESIRED LIGHTING EFFECT. REFER TO ARCHITECT'S MOUNTING DETAIL.
19. TOTAL OF (8) LO4 LUMINAIRES EQUALLY SPACED AROUND OCTAGONAL FACETS OF SPIRE.
20. TOTAL OF (8) LO5 LUMINAIRES LOCATED AT BASE OF EACH LOUVERED WINDOW AT OCTAGONAL FACETS OF SPIRE.
21. LIGHTING IMPROVEMENTS IN THE SUPPORT SPACES SURROUNDING THE ALTAR SHALL BE INCLUDED IN FUTURE PACKAGES.
22. FIXTURE SHALL INCLUDE A CUSTOM MOUNTING BRACKET THAT ALLOWS FOR SURFACE MOUNTING PER KEYNOTE 18, AND ALLOWS FOR DESIRED SETBACK. SETBACK TO BE DETERMINED UPON VERIFICATION OF FIELD CONDITIONS AND AFTER AN ON-SITE MOCKUP.
23. LUMINAIRE SHALL BE CENTERED WITHIN OPENING AS INDICATED. EXACT LENGTHS TO BE FIELD VERIFIED PRIOR TO ORDERING.

LIGHTING SYMBOL LEGEND

NOTE: NOT ALL SYMBOLS MAY BE USED.

LR1 (2a)	LIGHT FIXTURE TAG TOP = FIXTURE LABEL BOTTOM = CONTROL ZONE
	LIGHT FIXTURE - PENDANT
	LIGHT FIXTURE - RECESSED OR SURFACE ADJUSTABLE LIGHT
	LIGHT FIXTURE - WALL MOUNT PICTURE LIGHT
	LIGHT FIXTURE - WALL MOUNT SURFACE
	RECESSED OR SURFACE MOUNTED LINEAR
	LIGHT FIXTURE - EXTERIOR BOLLARD
	LIGHT FIXTURE - EXTERIOR ROUND POST TOP
	LIGHT FIXTURE -EXTERIOR SQUARE POST TOP

EXTERIOR LIGHT FIXTURE INSTALLATION | FIXTURE SCOPES FOLLOW FOR EACH FIXTURE





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LD10

MOUNTING LOCATION: BASILICA NORTH ENTRY
LUMINAIRE QUANTITY: 3

GENERAL NOTES

CONTRACTOR SHALL DEINSTALL LUMINAIRES, PACK APPROPRIATELY TO INSURE PRESERVATION FOR TRAVEL AND SHIP TO MANUFACTURER FOR ASSESSMENT AND RECONDITIONING.

MANUFACTURER SHALL INSPECT LUMINAIRE FOR OVERALL CONDITION OF DECORATIVE MATERIALS (METAL AND GLASS) AND STRUCTURAL COMPONENTS. MANUFACTURER SHALL PROVIDE A QUOTE FOR CLEANING, REPAIR AND/OR REPLACEMENT OF EXISTING COMPONENTS, FABRICATION OF NEW MOUNTING BRACKET, FABRICATION AND INSTALLATION OF NEW LIGHTING ASSEMBLY, PACKING AND RETURN FREIGHT TO PROJECT SITE.

MANUFACTURER SHALL NOT INITIATE WORK UNTIL RECEIVING APPROVAL TO PROCEED IN RESPONSE TO THE FORMALLY ISSUED QUOTE.

ALL LED LIGHT SOURCES SHALL BE 2700K WITH 90+ CRI (MINIMUM). FINAL LUMEN OUTPUT TBD IN CONJUNCTION WITH MANUFACTURER.

CONTRACTOR SHALL REMOVE EXISTING ELECTRICAL MATERIALS AND SUPPLY NEW ELECTRICAL INFRASTRUCTURE AS PER OUTLINED ON THE FOLLOWING PAGES.

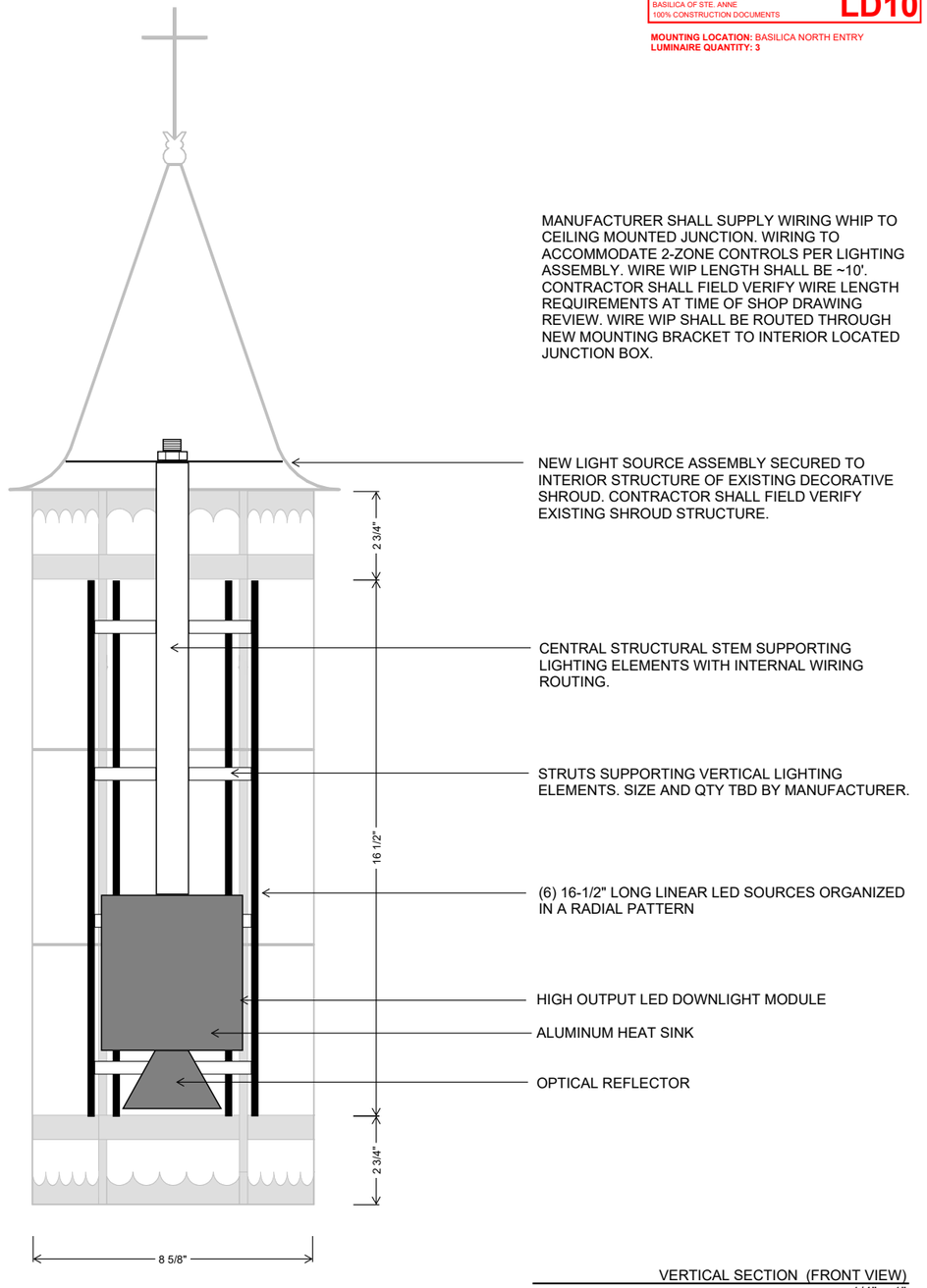
UPPER BRACKET FOR NEW MOUNTING ASSEMBLY SHALL BE LOCATED IN THE SAME LOCATION OF THE EXISTING UPPER BRACKET AND SHALL RETAIN THE SAME HORIZONTAL PROJECTED DISTANCE. BRACKET SHALL HAVE SECONDARY ROUTING BRACKET FOR ROUTING POWER. REFER TO DRAWING ON PAGE 3 FOR ADDITIONAL INFORMATION.

BOTTOM BRACKET FOR NEW MOUNTING ASSEMBLY SHALL CONNECT TO DECORATIVE SHROUD IN THE SAME LOCATION OF THE EXISTING BOTTOM BRACKET BUT EXTEND TO THE SPECIFIED DIMENSION. ENTIRE NEW ASSEMBLY SHALL BE LOWERED SO THAT SO THAT MOUNTING FOOT ON NEW BRACKET DOES NOT OBSCURE GLASS.

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LD10

MOUNTING LOCATION: BASILICA NORTH ENTRY
LUMINAIRE QUANTITY: 3



MANUFACTURER SHALL SUPPLY WIRING WHIP TO CEILING MOUNTED JUNCTION. WIRING TO ACCOMMODATE 2-ZONE CONTROLS PER LIGHTING ASSEMBLY. WIRE WIP LENGTH SHALL BE ~10'. CONTRACTOR SHALL FIELD VERIFY WIRE LENGTH REQUIREMENTS AT TIME OF SHOP DRAWING REVIEW. WIRE WIP SHALL BE ROUTED THROUGH NEW MOUNTING BRACKET TO INTERIOR LOCATED JUNCTION BOX.

NEW LIGHT SOURCE ASSEMBLY SECURED TO INTERIOR STRUCTURE OF EXISTING DECORATIVE SHROUD. CONTRACTOR SHALL FIELD VERIFY EXISTING SHROUD STRUCTURE.

CENTRAL STRUCTURAL STEM SUPPORTING LIGHTING ELEMENTS WITH INTERNAL WIRING ROUTING.

STRUTS SUPPORTING VERTICAL LIGHTING ELEMENTS. SIZE AND QTY TBD BY MANUFACTURER.

(6) 16-1/2" LONG LINEAR LED SOURCES ORGANIZED IN A RADIAL PATTERN

HIGH OUTPUT LED DOWNLIGHT MODULE

ALUMINUM HEAT SINK

OPTICAL REFLECTOR

VERTICAL SECTION (FRONT VIEW)
1/4" = 1"





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LD11

MOUNTING LOCATION: EXTERIOR ENTRY AT TRANSEPT AND CHAPEL
LUMINAIRE QUANTITY: 3

REPLACE BROKEN GLASS LENS WITH NEW GLASS MATCHING EXISTING.

GENERAL NOTES

CONTRACTOR SHALL CLEAN LUMINAIRE WITH SOAP AND WATER TO REMOVE ALL DIRT, INSECT HABITATS AND OTHER ENVIRONMENTAL RESIDUE.

CONTRACTOR SHALL INSPECT CONDITION OF EXISTING ELECTRICAL ASSEMBLY TO ENSURE LUMINAIRE IS IN GOOD OPERATIONAL ORDER AND MEETS CURRENT CODE REQUIREMENTS. CONTRACTOR SHALL REPLACE DEFECTIVE COMPONENTS WITH NEW MATERIAL OF LIKE DESIGN TO ORIGINAL MATERIAL.

CONTRACTOR SHALL REPLACE OR REPAIR ANY BROKEN COMPONENTS, INCLUDING DECORATIVE AND STRUCTURAL ELEMENTS, SUCH AS GLASS AND METAL MATERIALS. REPAIRS OR REPLACEMENT OF COMPONENTS SHALL MATCH EXISTING FINISH AND MATERIAL QUALITIES. SUBMIT PROPOSED REMEDY TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INITIATING WORK.

CONTRACTOR SHALL ENSURE LUMINAIRE MEETS APPROPRIATE CERTIFICATION RATING FOR DRY, DAMP OR WET LOCATION BASED UPON MOUNTING LOCATION.

CONTRACTOR SHALL PROVIDE AND INSTALL RETROFIT LED LIGHT SOURCE HAVING APPROPRIATE MOUNTING BASE, 1100LM, 2700K CCT AND 90CRI MINIMUM. SOURCE SHALL BE DIMMABLE AND SHALL BE RATED APPROPRIATELY FOR THE MOUNTING APPLICATION. USE PLT SOLUTIONS 12012 SPECIFICATION OR APPROVED EQUAL.

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LO1

insight lighting ARGO PRO

PERFORMANCE LINEAR | WHITE LIGHT + STATIC COLORS

PROJECT: TYPE: FIXTURE CATALOG #: AP - - - - - - - - - - -

PROFILE

MARATHON

OUTPUT	LO (6 W/FT), MO (12 W/FT), HO (18 W/FT), VO (24 W/FT)
OPTICAL DISTRIBUTIONS	10° X 10°, 10°X30°, 10° X 60°, 10° X 90°, 20° X 20°, 20°X30° 20° X 60°, 20°X90°, 30°X30°, 30°X60°, 30°X90°, 40° X 40°, 40° X 60°, 40° X 90°, 60° X 60°, 80° X 80°, 90° X 90°, ASYMMETRIC GRAZE
CCTS	2200K, 2700K, 3000K, 3500K, 4000K
STATIC COLORS	RED, GREEN, BLUE, AMBER, TURTLE FRIENDLY AMBER
CRI	82 (OPTIONAL 90+)
PERFORMANCE	UP TO: 87.3 LM/W, 8,420 LUMENS, 148,436 PEAK CANDELA
VOLTAGE	120VAC, 277VAC, INTEGRAL DRIVER
	380VDC - REMOTE DRIVER, POWERED BY MARATHON TECHNOLOGY
CONTROL	NO DIMMING, 0-10V, DMX DIMMING
FIXTURE LENGTHS	12", 24", 36", 48", 60"
WEIGHT	2.41 LB/FT
HOUSING	PRECISION EXTRUDED ALUMINUM
LENS	HIGH DENSITY TEMPERED GLASS
FINISH	HIGH DURABILITY POWDER COATING
OPERATING TEMP.	-20° C TO 50° C
WARRANTY	5-YEAR LIMITED
LUMEN MAINTENANCE	75,000 HOURS
CERTIFICATION	ETL AND CETL FOR IP67, IK07, 3G, COMPLIES WITH BUY AMERICAN ACT
PATENT	US PATENT 12,516,785B1



MARATHON TECHNOLOGY

MARATHON

Create long run lengths on a single driver with Insight's MARATHON 380VDC power system, delivering dramatically increased reliability and lower lifetime cost.

PATENTED PROLINK CONNECT SYSTEM

Experience the difference of an aesthetically engineered system that eliminates visible wiring to define clean, uninterrupted architectural lines with Insight's patented ProLink Connect cable cover and connection system.

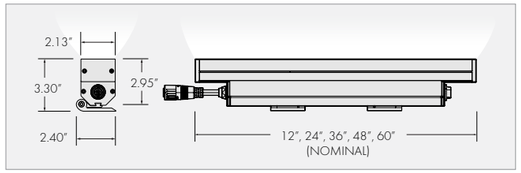
ADVANCED CABLE SYSTEM

Insight Lighting's Advanced Cable System is designed for plug-and-play installations, delivering unmatched consistency in lighting performance.

POWER & DATA BOX WITH SURGE PROTECTION

Insight's PROSURGE power & data box transitions data and power, with 20 KA surge protection for Insight's Plug & Play cable system.

PROFILE



DEREK PORTER STUDIO | LIGHTWORKS
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LO1

insight lighting ARGO PRO

PERFORMANCE LINEAR | WHITE LIGHT + STATIC COLORS

PROJECT: TYPE: FIXTURE CATALOG #: AP - - - - - - - - - - -

FIXTURE SPECIFICATION

Separate options with dashes

AP | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

1 FIXTURE

ARGO PRO	AP

2 WATTAGE

LOW OUTPUT (6 W/FT)	LO
MEDIUM OUTPUT (12 W/FT)	MO
HIGH OUTPUT (18W/FT)	HO
MAXIMUM OUTPUT (24 W/FT)	VO

3 CCT

2200K	2200K
2700K	2700K
3000K	3000K
3500K	3500K
4000K	4000K
STATIC RED	REDST
STATIC GREEN	GRNST
STATIC BLUE	BLUST
STATIC AMBER	AMBST

AMBST is not turtle friendly. See below for for Turtle Friendly Amber

TURTLE FRIENDLY AMBER	TFAMB

4 OPTICAL DISTRIBUTION

10° X 10°	1010
10° X 30°	1030
10° X 60°	1060
10° X 90°	1090
20° X 20°	2020
20° X 30°	2030
20° X 60°	2060
20° X 90°	2090
30°X10°	3010
30° X 30°	3030
30° X 60°	3060
30° X 90°	3090
40° X 40°	4040
40° X 60°	4060
40° X 90°	4090
60° X 10°	6010
60° X 60°	6060
80° X 80°	8080
90° X 90°	9090
WHITE DIFUSE LENS	WHDL
ASYMMETRIC GRAZE UPLIGHT, LEFT POWER FEED [1]	ASUL
ASYMMETRIC GRAZE UPLIGHT, RIGHT POWER FEED [1]	ASUR
ASYMMETRIC GRAZE DOWNLIGHT, LEFT POWER FEED [1]	ASDL
ASYMMETRIC GRAZE DOWNLIGHT, RIGHT POWER FEED [1]	ASDR

[1] Asym Graze: See page 6 for details.

5 FIXTURE LENGTH

12"	12
24"	24
36"	36
48"	48
60"	60

6 VOLTAGE

INTEGRAL

120VAC	120
277VAC	277

Contact factory for additional voltages

MARATHON REMOTE TECHNOLOGY

380VDC	MAR

380VDC requires Insight's Marathon 380VDC remote power supply. Must be ordered separately. See page 4 for details.

7 CONTROL OPTIONS

NON DIMMING	NON
0-10V DIMMING (1%)	DIM
DMX DIMMING [2]	DMX

[1] Fixtures are shipped w/ default set at address 1

[2] Fixtures are not pre-addressed or labeled at the factory. A DMXCAT Tool is required for on-site fixture resolution/addressing. See page 4 for details.

[2] A CDS/RDM Distribution Kit is required. Must be ordered separately. See page 4 for details.

[2] DMX controls are required. Order separately.

8 FIXTURE FINISH

TEXTURED WHITE	TWH
TEXTURED BLACK	TBL
TEXTURED BRONZE	TBR
TEXTURED LIGHT BRONZE	TLB
TEXTURED GRAY	TGR
TEXTURED NATURAL	TNA
TEXTURED SANDSTONE	TSA
ANODIZED PAINTED FINISH	ANA
CUSTOM COLOR	CUS

Contact factory for custom color. Additional charges will apply.

9 OPTIONS

HIGH CRI 90+	HIC
INTERNAL HONEYCOMB LOUVER	IHL

Finish to match fixture housing.

INTERNAL VERTICAL LOUVER	IVL

Finish to match fixture housing.

INTERNAL HORIZ. LOUVER	ILL

Finish to match fixture housing.

WHITE CABLE	WCA

White fixtures are provided white cables as standard. All other fixture finishes are provided with black cables, unless the WCA option is specified.

CORROSION RESISTANT FINISH	CRF

Complies with ASTM B117 and is recommended for coastal or extreme exterior environments.

BUILD AMERICA BUY AMERICA ACT	BAB

Complies with BAA.

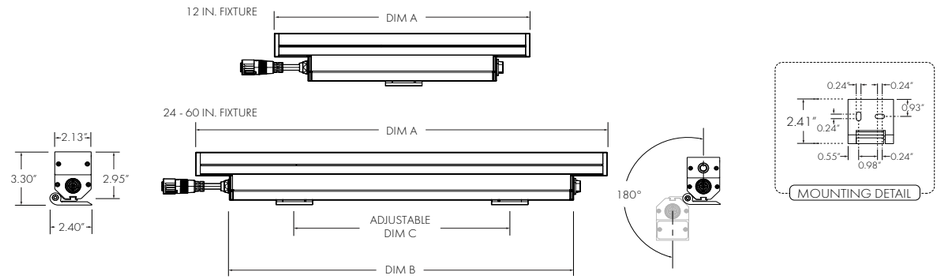
ORDERING LOGIC: MOUNTING - REQUIRED (ORDER SEPARATELY)

[1] - [2]

1 MOUNTING OPTION	12" FIXTURE	24" - 60" FIXTURE
FIXED MOUNT	SA28170-1	SA28170
HINGE MOUNT	SA28104-1	SA28104
WALL MOUNT	SA28105-1	SA28105

2 MOUNTING FINISH	
TEXTURED WHITE	TWH
TEXTURED BLACK	TBL
TEXTURED BRONZE	TBR

HINGE MOUNT (SA28104-1/ SA28104)



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LO2

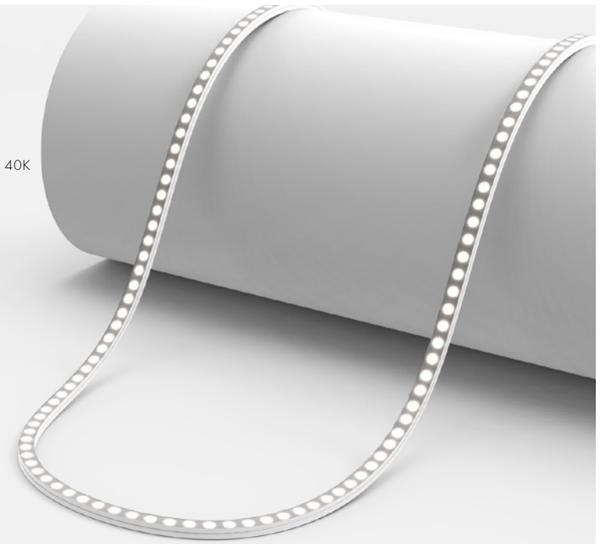
insight lighting CO-PILOT WASH

WHITE LIGHT + STATIC COLOR SPECIFICATION

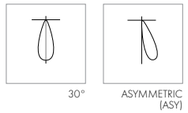
PROJECT: TYPE: CATALOG #: CPW - - - - - - 48 - Y

PROFILE

OUTPUT	4.4W/FT
PERFORMANCE	UP TO 72.65 LM/W
DISTRIBUTION	30°, ASYMMETRIC
CCT	STATIC COLORS, 22K, 27K, 30K, 35K, 40K
VOLTAGE	24V DC
POWER SUPPLY	REMOTE 120, 277V
CONTROL	0 - 10V DIMMING, DMX DIMMING
CRI	80+
BEND DIRECTION	HORIZONTAL AND VERTICAL
MIN LENGTH	1.97 IN INCREMENTS
LENGTH	180.0 IN. (15.0 FT, 4.5 M)
HOUSING	WHITE SILICONE EXTRUSION
MOUNTING	SURFACE MOUNT
END CAPS	MOLDED SILICONE
TEMPERATURE	-20°C - 60°C
WARRANTY	5 YEAR LIMITED
CERTIFICATION	UL, ROHS, IP67

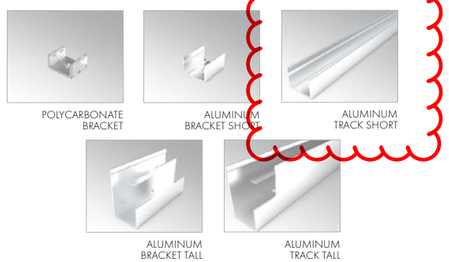


DISTRIBUTION



30° ASYMMETRIC (ASY)

MOUNTING



POLYCARBONATE BRACKET
ALUMINUM BRACKET SHORT
ALUMINUM TRACK SHORT
ALUMINUM BRACKET TALL
ALUMINUM TRACK TALL

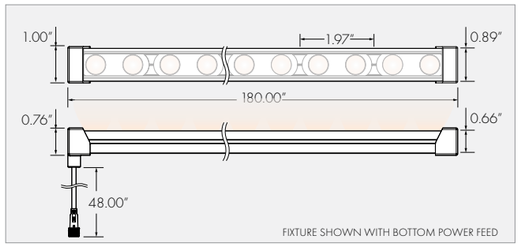
OPTIONS



WASH FIELD TRIMMABLE SEALANT KIT

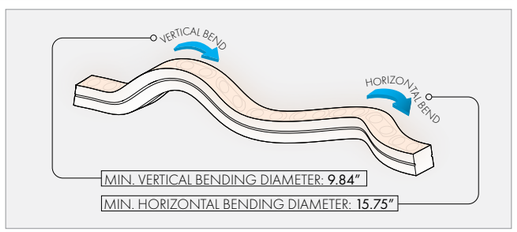
FIELD CUTTING TOOL

PROFILE



FIXTURE SHOWN WITH BOTTOM POWER FEED

BEND DIRECTION + DIAMETER



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LO2

insight lighting CO-PILOT WASH

WHITE LIGHT + STATIC COLOR SPECIFICATION

PROJECT: TYPE: CATALOG #: CPW - - - - - - 48 - Y

SPECIFICATION

CPW					48	Y
1	2	3	4	5	6	7

1 FIXTURE
- CO-PILOT WASH — CPW

2 CCT
- RED — R
- GREEN — G
- BLUE — B
- AMBER — A
- 2200K — 22K
- 2700K — 27K
- 3000K — 30K
- 3500K — 35K
- 4000K — 40K

3 DISTRIBUTION
- 30° — 30
- ASYMMETRIC — ASY

4 FIXTURE LENGTH
- 180.0" (15.0') — 180
  540.0" reel (45.0') 2W/Ft. is available. Contact factory for details.
- CUSTOM LENGTH — XX
  Specify custom length less than 180.0" in inches. Available in 1.97" cut increments. Will provide closest nominal length.

5 POWER FEED ORIENTATION
- STRAIGHT POWER FEED — SS
- LEFT POWER FEED — LS
- RIGHT POWER FEED — RS
- BOTTOM POWER FEED — BS

6 POWER FEED LENGTH
- 48.0" (4.0') — 48

7 CONNECTORIZED
- YES — Y

POWER SUPPLY, DMX TOOLS, MOUNTING OPTIONS, AND CABLE OPTIONS (ORDER SEPARATELY)

Go to DMX Guide >

REMOTE POWER SUPPLY OPTIONS - 120V - 277V, IP67 (REQUIRED)

- CONTRA EXTERIOR LOW POWER 96W OUTPUT, 0-10V DIMMING — CEL-96-DIM
- CONTRA EXTERIOR LOW POWER 96W OUTPUT, DMX DIMMING — CEL-96-DMX/DDU

Above wattage is based on 75% of the Power Supply's total wattage capacity
For specific and case by case requirements, please contact factory for assistance

DMX DISTRIBUTION & PROGRAMMING KIT (REQUIRED FOR DMX DIMMING)

- DMX/RDM DISTRIBUTION KIT (4 OUTPUTS) - IP67 — CDS-RDM

DMX/RDM Distribution Kit consists of four outputs
Each output is limited to (1) run per output - up to 32 fixtures max
Four terminators are included for end of line termination

CONTROLS (OPTIONAL)

- LIGHTDIAL DMX CONTROL PAD — LD

The feature rich lighting controller has been designed to provide a control solution for the most demanding of projects, while still maintaining an easy to use panel of touch sensitive buttons. The controller integrates a graphical color screen allowing scene photos to be displayed. Easily view the selected zone, scene name and design without the need to navigate through complex menus. Change the speed, color and dimmer using the circular palette. The lighting levels, color and effects can be programmed from a PC, Mac, Android, iPad or iPhone using the included software.
The Lightdial is our default controller. For additional options, please visit insightlighting.com/products/#controls.

MOUNTING OPTIONS (REQUIRED)

- POLYCARBONATE BRACKET (PB) — PT27326-RNC
  One bracket per 12.0 in. length of fixture is recommended (brackets are packaged in sets of 3)
  Aluminum Track Kit recommended for ceiling mounts.
- ALUMINUM BRACKET SHORT (ABS) — PT27327-RNC
  One bracket per 12.0 in. length of fixture is recommended (brackets are packaged in sets of 3)
  Aluminum Track Kit recommended for ceiling mounts.
- ALUMINUM TRACK SHORT (ATS) — PT27325-5
  One 60.0 in. track required per 5.0 ft. section of fixture.
  Aluminum Track Kit recommended for ceiling mounts.
- ALUMINUM BRACKET TALL (ABT) — PT27842-RNC
  One bracket per 12.0 in. length of fixture is recommended (brackets are packaged in sets of 3)
- ALUMINUM TRACK TALL (ATT) — PT27837-RNC
  One 60.0 in. track required per 5.0 ft. section of fixture.

FIELD CUTTING TOOL (OPTIONAL)

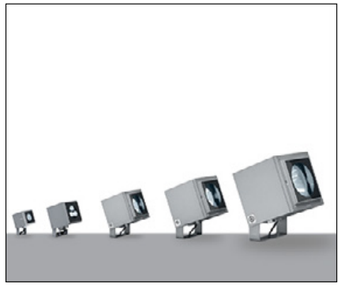
- FIELD CUTTING TOOL — FCT
- CO-PILOT WASH FIELD TRIMMABLE SEALANT KIT — WFK
  For on-site power feed or trimming modifications.

CONNECTORIZED FEED EXTENSION CABLE

- 5.0 FT. CO-PILOT FEED EXTENSION (60.0 IN.) — CPFE-5-2P
- 10.0 FT. CO-PILOT FEED EXTENSION (120.0 IN.) — CPFE-10-2P
- 25.0 FT. CO-PILOT FEED EXTENSION (300.0 IN.) — CPFE-25-2P

Standard 20 guage connectorized feed extension cable. Can be combined to extend leader cable up to 40.0 ft. (480.0 in.) See page 3 "Remote Distance Limits" chart for reference.

iPro
LED PROTECTOR









Collection of projectors for exterior applications. Available in 5 sizes. For urban architecture and residential area. A compact and essential design, specifically designed to facilitate installation and maintenance opérations and guarantee minimal visual impact.

Luminaire characteristic:	Power input system: 3.5W to 42W Lumens system for 3000K, 90CRI: 40lm to 4390lm Luminaire efficacy for 3000K, 90CRI: Up to 113lm/W
Source:	White LED (LM-80 tested), 3000K: 80CRI, 4000K: 80CRI.
Lumen maintenance:	90% of initial lumens at 100 000 hours (L90 B10) Ta 77°F (25°C) 90% of initial lumens at 100 000 hours (L90 B10) Ta 104°F (40°C)
Optic:	Available in spot, medium, flood, wide flood, very wide flood, elliptical longitudinal, elliptical transversal and light blade optics.
Material:	Optical boby and frame: Die-cast aluminum Reflector: Formed aluminum Lens: PMMA and thermoplastic. Protective screen: ⅛" (4mm) tempered sodium-calcium glass.
Mounting:	Ground, on wall and pole mounting system, Adjustable +95°/5° from horizontal line. Supplied with 3ft (1m) of the power cable (for small, medium and large models).
Electrical:	Integral high efficiency LED driver rated at 50 000 hours, 120-277V. Remote LED driver option available for micro model.
Dimming:	Down to 15%, 0-10V (120-277V) or leading (TRIAC) and trailing edge (ELV)(120V only). See remote options on page 3.
Finish:	Black, gray (RAL9007) rust brown or white (RAL9016) painted with a high level of weather and UVresistance. The semi-gloss finish coating is electrostatically applied, durable acrylic enamel baked at high temperatures for superior color retentive finish.
Weight:	Micro: 0.6lb (0.3kg) Mini: 1.9lb (0.9kg) Small: 6.2lb (2.8kg) Medium: 8.6lb (3.9kg) Large: 13.2lb (6.0kg)
Warranty:	5 year limited warranty.
Ratings:	IP66, IK07, IK09 with protective grid accessory.
Certification:	cULus listed for wet location.

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BASILICA OF STE. ANNE
100% CONSTRUCTION DOCUMENTS
LO3

iPro
LED PROTECTOR

ORDERING INFO

IIPRO - CM - P - 830 - MD - REM -
FIXTURE

RESET INFO

MODEL

- ■ **CM -** Micro
- ☐ **NM -** Mini
- ☐ **SC -** Small
- ☐ **MC -** Medium
- ☐ **LC -** Large
- ☐ **CO -** Micro snoot

MOUNTING

- ■ **P -** Projector

OUTPUT

- ☐ **BO -** Base output(1)
- ☐ **HO -** High output(1)

LED

- ■ **830 -** 3000K, 80CRI
- ☐ **840 -** 4000K, 80 CRI

OPTIC

- ☐ **SP -** For Ipro micro, For Ipro micro snoot, For Ipro mini, For Ipro medium
- ■ **MD -** For Ipro micro, For Ipro micro snoot, For Ipro small, For Ipro large
- ☐ **FL -** For Ipro micro, For Ipro mini, For Ipro small, For Ipro medium, For Ipro large
- ☐ **WF -** For Ipro small, For Ipro medium, For Ipro large
- ☐ **VWF -** For Ipro micro, For Ipro mini
- ☐ **EL -** For Ipro mini
- ☐ **ET -** For Ipro mini
- ☐ **LB -** For Ipro micro

VOLTAGE

- ☐ **UNV -** 120V-277V(2)
- ■ **REM -** Remote(3)

FINISH

- ☐ **01 -** White
- ☐ **02 -** Black
- ☐ **15 -** Gray
- ☐ **F5 -** Rust Brown

DIMMING

- ☐ **D10 -** 0-10V(4)
- ☐ **LTE -** Leading and trailing edge (120V only)(4)

(1) Available for large (**LC**) model.
(2) Available for mini (**NM**) small (**SM**), medium (**MC**) and large (**LC**) models.
(3) Available for micro (**CM**) and micro snoot (**CO**) models.
(4) Available for small (**SM**), medium (**MC**) and large (**LC**) models.

WATERPROOF IP68 FIELD CONNECTOR

INTEGRAL

- ☐ **9023-9024-KIT -** Female and male connector for leading and trailing edge (LTE) and no dimming.
  (0.19"- 0.37" (5-9.5mm) cable, 3p 16-24 AWG conductors)



- ☐ **9029-9030-KIT -** Female and male connector for 0-10V (D10) dimming.
  (0.19"- 0.37" (5-9.5mm) cable, 5p 16-24 AWG conductors)



REMOTE

- ☐ **9015-9016-KIT -** Female and male connector.
  (0.19"- 0.37" (5-9.5mm) cable, 2p 16-24 AWG conductors)



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LED PROTECTOR

POLE-MOUNTED ACCESSORIES (TO BE ORDERED SEPARATELY)
Available for only large size. For installation consult instruction sheet.

☐ **01** - White ☐ **02** - Black ☐ **15** - Gray ☐ **F5** - Rust brown

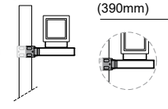
RESET INFO

POLES INSTALATION WITH ARMS

Pole ø 4" (102mm)	Lenght	Weight	EPA
Arm for 1/2 floodlights	1' 3" ⅜ (390mm)	5.07lb (2.3kg)	0.11ft² (0.011m²)

☐ **I6116**

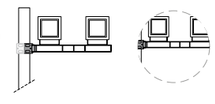
For Large model. Max configuration possible: One up and one down. Need one adapter I6119 per fixture.



	Lenght	Weight	EPA
Arm for 2/4 floodlights	2' 6" ¼ (785mm)	9.48lb (4.3kg)	0.17ft² (0.016m²)

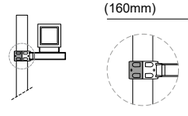
☐ **I6117**

For Large model. Max configuration possible: Two up and two down. Need one adapter I6119 per fixture.



	Lenght	Weight	EPA
Counter flange	6" ¼ (160mm)	1.10lb (0.5kg)	0.06ft² (0.006m²)

☐ **I6118**

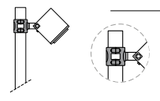


POLES INSTALLATION WITH FLANGES

Pole ø 4" (102mm)	Weight	EPA
Flange for 1 floodlight	2lb (0.9kg)	0.14ft² (0.013m²)

☐ **I6111**

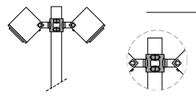
For Large model.



	Weight	EPA
Flange for 2 floodlights	2.2lb (1kg)	0.14ft² (0.013m²)

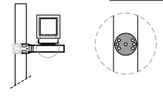
☐ **I6112**

For Large model.



	Weight
Adapter disk for I6116 and I6117 Need one for each fixture	0.22lb (0.10kg)

☐ **I6119**



SURFACE MOUNTING ACCESSORIES (TO BE ORDERED SEPARATELY)

☐ **01** - White ☐ **02** - Black ☐ **15** - Gray ☐ **F5** - Rust brown

ADJUSTABLE L-SHAPED BRACKET FOR VERTICAL INSTALLATION:

☐ **IBZ62** - For Ipro projector small model,
□ 4.52 x 4.45 x 2.40"
(115 x 113 x 61mm)

☐ **IBZ76** - For Ipro projector medium model,
□ 4.52 x 5.23 x 3"
(115 x 133 x 76mm)

■ **IBZ91**- For Ipro projector large model
□ 4.52 x 6.69 x 3.27"
(115 x 170 x 83mm)



MULTIPLE SUPPORT:
Available for medium and large models.
For installation consult instruction sheet.



☐ **I6014** - For 2 floodlights
37⁷/₈ x 9¹/₄ x 5¹/₂"
(962 x 236 x 141mm)

■ **I6015** - For 3 floodlights
61¹/₄ x 9¹/₄ x 5¹/₂"
(1560 x 236 x 141mm)

TREE-MOUNTING: *
Available for small model.
For installation consult instruction sheet.

■ **IBZ61** - Belt for attaching to branches



*Tree Mounting and Spike are only available in black.

FIXED SPIKE FOR GROUND / GARDEN APPLICATIONS: *

☐ **IX270** - For Ipro projector micro model
14"(355mm)

☐ **IX271** - For Ipro projector mini model
14"(355mm)

☐ **IB989** - For Ipro projector small model
14"(355mm)

☐ **IX272** - For Ipro projector medium model
14"(355mm)



ORIENTABLE SPIKE FOR GROUND / GARDEN APPLICATIONS: *

■ **IBZ60** - For Ipro projector mini, small and medium models.
14"(355mm)



MODELS	EPA
CM - Micro □ 2"(51mm)	0.03ft² (0,004m²)
NM - Mini □ 3¼"(81mm)	0.07ft² (0,007m²)
SC - Small □ 5¼"(132mm)	0.32ft² (0,03m²)
MC - Medium □ 6⅛"(155mm)	0.46ft² (0,043m²)
LC - Large □ 7⅝"(192mm)	0.72ft² (0,067m²)

To have the total EPA, add all the value EPA items in composition

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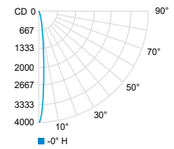
PHOTOMETRIC DATA
Visit iguzzini.com/us for complete photometric data.

CM - Micro
□ 2"
(51mm)

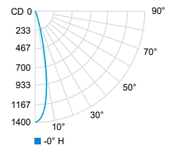


CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / w)	MAX CANDELA (cd)	MODELS
3000K	80	3.5W	Spot 10°	240	68	3 920	IIPRO-CM-P-830-SP-REM
		4.5W	Medium 22°	385	85	1 360	IIPRO-CM-P-830-MD-REM
		4.5W	Flood 34°	345	76	670	IIPRO-CM-P-830-FL-REM
		3.5W	Very wide flood 85°	195	55	125	IIPRO-CM-P-830-VWF-REM
		4.5W	Light blade 4° x 46°	40	8	680	IIPRO-CM-P-830-LB-REM
4000K		3.5W	Spot 10°	240	68	3 920	IIPRO-CM-P-840-SP-REM
		4.5W	Medium 22°	385	85	1 360	IIPRO-CM-P-840-MD-REM
		4.5W	Flood 34°	345	76	670	IIPRO-CM-P-840-FL-REM
		3.5W	Very wide flood 85°	195	55	125	IIPRO-CM-P-840-VWF-REM
		4.5W	Light blade 4° x 46°	40	8	680	IIPRO-CM-P-840-LB-REM

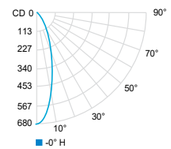
Spot 10° (3000K, 80 CRI)



Medium 22° (3000K, 80 CRI)

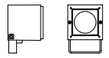


Flood 34° (3000K, 80 CRI)



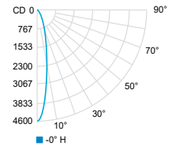
PHOTOMETRIC DATA
Visit iguzzini.com/us for complete photometric data.

SC - Small
□ 5¼"
(132mm)



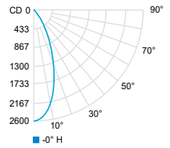
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / w)	MAX CANDELA (cd)	MODELS
3000K	80	14W	Medium 19°	1 180	84	4 550	IIPRO-SC-P-830-MD
			Flood 41°	1 345	96	2 550	IIPRO-SC-P-830-FL
			Wide flood 50°	1 345	96	1 995	IIPRO-SC-P-830-WF
4000K			Medium 19°	1 215	89	4 680	IIPRO-SC-P-840-MD
			Flood 41°	1 385	98	2 620	IIPRO-SC-P-840-FL
			Wide flood 50°	1 385	98	2 050	IIPRO-SC-P-840-WF

Medium 19° (3000K, 80 CRI)



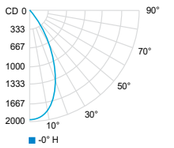
Center Beam fc	Beam Width ft
1139	0.7
285	1.4
127	2.1
71.2	2.8
45.6	3.5
31.6	4.2

Flood 41° (3000K, 80 CRI)



Center Beam fc	Beam Width ft
638	1.5
159	3.0
70.9	4.5
39.9	6.0
25.5	7.5
17.7	9.0

Wide flood 50° (3000K, 80 CRI)



Center Beam fc	Beam Width ft
498	1.9
124	3.8
55.3	5.7
31.1	7.6
19.9	9.5
13.8	11.4

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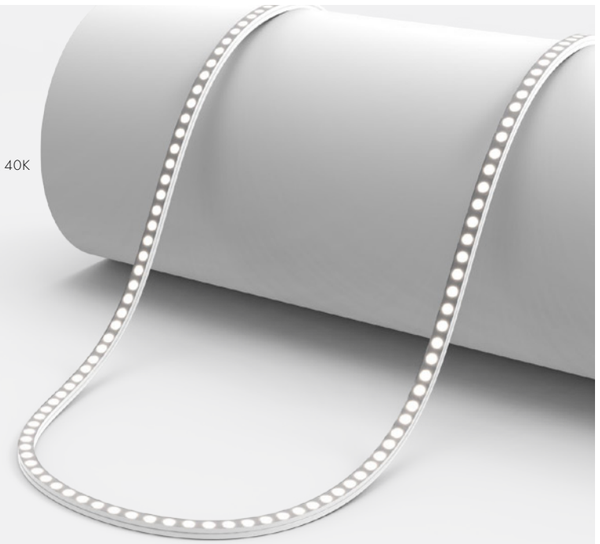
insight lighting CO-PILOT WASH

WHITE LIGHT + STATIC COLOR SPECIFICATION

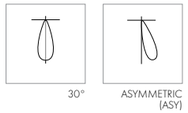
PROJECT: TYPE: CATALOG #: CPW - - - - - - 48 - Y

PROFILE

OUTPUT	4.4W/FT
PERFORMANCE	UP TO 72.65 LM/W
DISTRIBUTION	30°, ASYMMETRIC
CCT	STATIC COLORS, 22K, 27K, 30K, 35K, 40K
VOLTAGE	24V DC
POWER SUPPLY	REMOTE 120, 277V
CONTROL	0 - 10V DIMMING, DMX DIMMING
CRI	80+
BEND DIRECTION	HORIZONTAL AND VERTICAL
MIN LENGTH	1.97 IN INCREMENTS
LENGTH	180.0 IN. (15.0 FT, 4.5 M)
HOUSING	WHITE SILICONE EXTRUSION
MOUNTING	SURFACE MOUNT
END CAPS	MOLDED SILICONE
TEMPERATURE	-20°C - 60°C
WARRANTY	5 YEAR LIMITED
CERTIFICATION	UL, ROHS, IP67

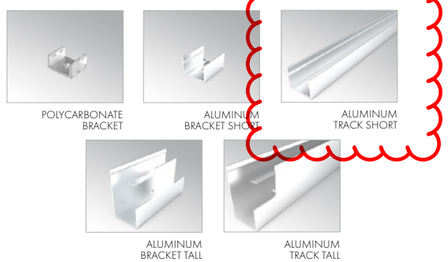


DISTRIBUTION



30° ASYMMETRIC (ASY)

MOUNTING



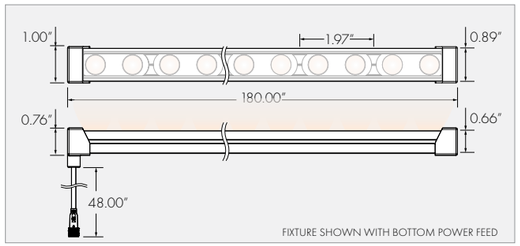
POLYCARBONATE BRACKET
ALUMINUM BRACKET SHORT
ALUMINUM TRACK SHORT
ALUMINUM BRACKET TALL
ALUMINUM TRACK TALL

OPTIONS



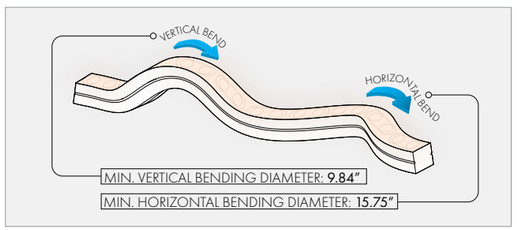
WASH FIELD TRIMMABLE SEALANT KIT
FIELD CUTTING TOOL

PROFILE



FIXTURE SHOWN WITH BOTTOM POWER FEED

BEND DIRECTION + DIAMETER



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insight lighting CO-PILOT WASH

WHITE LIGHT + STATIC COLOR SPECIFICATION

PROJECT: TYPE: CATALOG #: CPW - - - - - - 48 - Y

SPECIFICATION

CPW					48	Y
1	2	3	4	5	6	7

1 FIXTURE
CO-PILOT WASH — CPW

2 CCT
RED — R
GREEN — G
BLUE — B
AMBER — A
2200K — 22K
2700K — 27K
3000K — 30K
3500K — 35K
4000K — 40K

3 DISTRIBUTION
30° — 30
ASYMMETRIC — ASY

4 FIXTURE LENGTH
180.0" (15.0') — 180
540.0" reel (45.0') 2W/Ft. is available. Contact factory for details.
CUSTOM LENGTH — XX
Specify custom length less than 180.0" in inches. Available in 1.97" cut increments. Will provide closest nominal length.

5 POWER FEED ORIENTATION
STRAIGHT POWER FEED — SS
LEFT POWER FEED — LS
RIGHT POWER FEED — RS
BOTTOM POWER FEED — BS

6 POWER FEED LENGTH
48.0" (4.0') — 48

7 CONNECTORIZED
YES — Y

POWER SUPPLY, DMX TOOLS, MOUNTING OPTIONS, AND CABLE OPTIONS (ORDER SEPARATELY)

Go to DMX Guide >

REMOTE POWER SUPPLY OPTIONS - 120V - 277V, IP67 (REQUIRED)

CONTRA EXTERIOR LOW POWER 96W OUTPUT, 0-10V DIMMING — CEL-96-DIM
CONTRA EXTERIOR LOW POWER 96W OUTPUT, DMX DIMMING — CEL-96-DMX/DDU
Above wattage is based on 75% of the Power Supply's total wattage capacity
For specific and case by case requirements, please contact factory for assistance

DMX DISTRIBUTION & PROGRAMMING KIT (REQUIRED FOR DMX DIMMING)

DMX/RDM DISTRIBUTION KIT (4 OUTPUTS) - IP67 — CDS-RDM
DMX/RDM Distribution Kit consists of four outputs
Each output is limited to (1) run per output - up to 32 fixtures max
Four terminators are included for end of line termination

CONTROLS (OPTIONAL)

LIGHTDIAL DMX CONTROL PAD — LD
The feature rich lighting controller has been designed to provide a control solution for the most demanding of projects, while still maintaining an easy to use panel of touch sensitive buttons. The controller integrates a graphical color screen allowing scene photos to be displayed. Easily view the selected zone, scene name and design without the need to navigate through complex menus. Change the speed, color and dimmer using the circular palette. The lighting levels, color and effects can be programmed from a PC, Mac, Android, iPad or iPhone using the included software.
The Lightdial is our default controller. For additional options, please visit insightlighting.com/products/#controls.

MOUNTING OPTIONS (REQUIRED)

POLYCARBONATE BRACKET (PB) — PT27326-RNC
One bracket per 12.0 in. length of fixture is recommended (brackets are packaged in sets of 3)
Aluminum Track Kit recommended for ceiling mounts.

ALUMINUM BRACKET SHORT (ABS) — PT27327-RNC
One bracket per 12.0 in. length of fixture is recommended (brackets are packaged in sets of 3)
Aluminum Track Kit recommended for ceiling mounts.

ALUMINUM TRACK SHORT (ATS) — PT27325-5
One 60.0 in. track required per 5.0 ft. section of fixture.
Aluminum Track Kit recommended for ceiling mounts.

ALUMINUM BRACKET TALL (ABT) — PT27842-RNC
One bracket per 12.0 in. length of fixture is recommended (brackets are packaged in sets of 3)

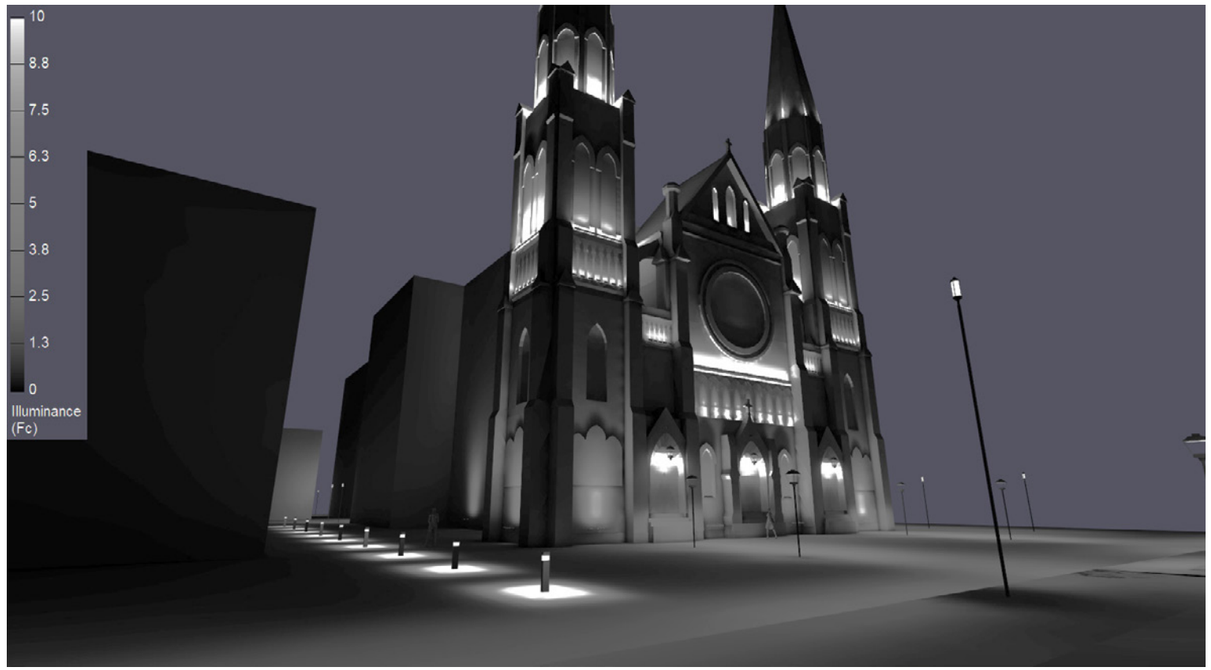
ALUMINUM TRACK TALL (ATT) — PT27837-RNC
One 60.0 in. track required per 5.0 ft. section of fixture.

FIELD CUTTING TOOL (OPTIONAL)

FIELD CUTTING TOOL — FCT
CO-PILOT WASH FIELD TRIMMABLE SEALANT KIT — WFK
For on-site power feed or trimming modifications.

CONNECTORIZED FEED EXTENSION CABLE

5.0 FT. CO-PILOT FEED EXTENSION (60.0 IN.) — CPFE-5-2P
10.0 FT. CO-PILOT FEED EXTENSION (120.0 IN.) — CPFE-10-2P
25.0 FT. CO-PILOT FEED EXTENSION (300.0 IN.) — CPFE-25-2P
Standard 20 guage connectorized feed extension cable. Can be combined to extend leader cable up to 40.0 ft. (480.0 in.) See page 3 "Remote Distance Limits" chart for reference.





1. THE INTERVENTION OF NEW LIGHTING FIXTURES ON THE EXTERIOR OF THE BASILICA IS TO ENHANCE THE BEAUTIFUL ARCHITECTURAL FEATURES OF THE BUILDING. FIXTURES WILL BE HIDDEN FROM VIEW PLACED ON LEDGES AND IN NICHES.

EXTERIOR LIGHTING MODELS