



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

# HISTORIC DISTRICT COMMISSION

## CERTIFICATE OF APPROPRIATENESS

**Application Number:** HDC2025-00249

**Project Address:** 6325 W Jefferson Ave

**Historic District:** Fort Wayne

**Description of Work:**

Replace fence, renovate primary entrance, site improvements, replace signs per the submitted documents, drawings and cut sheets.

**Effective Date:** 11/18/25

**Issued to:** Brennah Grace Donahue  
6325 W Jefferson Ave  
Detroit, MI 48209

**With the Conditions that:**

- Dimensioned drawings for the proposed gates at all entrances will be submitted to accurately reflect their installation methods, locations, and attachments to the existing stone piers.
- o Additional holes will not be created to hang the new gates, and
- o The drawings should show how any remaining holes that will not be reutilized will be addressed relative to the gate installations.
- Regarding masonry cleaning, the applicant's contractor will also follow the HDC Masonry Cleaning Guidelines, and a detailed scope of work as identified in the guidelines will be submitted to staff for review and approval prior to work taking place.
- There are multiple light fixtures in the application. Should the light fixtures change, the applicant will come back to staff with the changed light fixtures for approval before installation.

Pursuant to Section 5(10) of the Michigan Local Historic District Act, as amended, being MCL 399.205 (10) and Sections 21-2-57 and 21-2-73 of the 2019 Detroit City Code, and Detroit Historic District Commission (DHDC) delegation of administrative authority via Resolution 2019-02, 2020-01, 2020-02, and/or 20-07, as applicable, the staff of the DHDC has reviewed the above referenced application and hereby issues a Certificate of Appropriateness ("COA") for the description of work, effective date 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:Audra

251118AD



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 Fort Wayne

## Memorandum of Agreement Mitigation Work Plan

### **Background:**

A Memorandum of Agreement (MOA) between the Federal Highway Administration and the Michigan State Historic Preservation Officer (SHPO) regarding the Gordie Howe International Bridge (GHIB) (formerly the Detroit River International Crossing) was signed in December 2008. The MOA identified 13 mitigation measures specific to Historic Fort Wayne (HFW). This memo outlines a work plan for implementing the mitigation measures identified in the MOA.

The following outlines each mitigation measure and how it will be implemented. Coordination meetings regarding these measures were held with the City of Detroit on September 24, 2024, January 15, 2025, and February 24, 2025.

### **MOA Historic Fort Wayne Mitigation:**

Item #1: *MDOT shall pay for an update of the existing Fort Wayne Master Plan to revisit Fort entryway options.*

Work Plan: The City of Detroit (General Services Department (GSD), Parks & Recreation, Historic Fort Wayne Office – “Fort Wayne”) does not intend on updating the existing Fort Wayne Master Plan as it is currently considered a low priority. HFW is prioritizing physical projects that have impacts on landscaping and aesthetic improvements.

Item #2: *MDOT shall conduct videotape documentation and seismic monitoring of structural conditions before, during and after construction for Fort buildings and structures closest to Jefferson Avenue, the north elevation of the Start Fort, and Detroit Historical Society collections stored within the Fort property. MDOT shall implement a protocol to notify the City of Detroit of any damage that may be associated with construction-related vibration.*

Work Plan: Seismic monitoring of structural conditions before and during construction has been completed to date. The results of the monitoring will be coordinated with the Fort once the post construction monitoring is complete.

Item #3: *MDOT shall provide wayfinding signage to assist visitors in accessing the Fort and create and print brochures showing changes in access to the Fort.*

Work Plan: MDOT developed a signage plan that was reviewed and accepted by the City of Detroit. The WDBA communication team will coordinate with Fort Wayne and MDOT to prepare a

map/graphic to show changes in the access to the Fort. This map will be printed as a brochure and also posted on the Fort's website.

*Item #4: MDOT shall construct a direct local access road to and from the plaza to Campbell Street. Campbell Street shall receive pavement, landscaping and lighting improvements from the new I-75 northbound ramp south to West Jefferson Avenue to serve as a gateway to the Fort. Campbell Street will be reconstructed as a narrow boulevard from the railroad tracks to West Jefferson Avenue. MDOT will work with the City of Detroit to investigate the possibility of renaming Campbell Street to Fort Wayne Street or another, similar name that will help identify the street as an access route to the Fort.*

Work Plan: The design to improve Campbell Street including landscaping and lighting is complete and construction is ongoing. The City of Detroit does not want to rename Campbell Street.

*Item #5: MDOT shall install new pavement, landscaping and lighting along West Jefferson Avenue from West End Street to Clark Street as well as along Clark Street from its interchange with I-75 to Jefferson Avenue to provide an attractive route to Fort Wayne.*

Work Plan: The Jurisdictional Transfer Agreement between the City of Detroit and MDOT was entered into in 2017 after extensive negotiations to identify scope of work for various items that took into consideration and complied with all EIS green sheet and MOA mitigation items included the reconstruction of Jefferson Avenue from West End Street to Campbell Boulevard as well as Clark Street intersections with Fort Street and Jefferson Avenue. It also included the reconstruction of the new Green Boulevard and new Campbell Boulevard. New lighting, landscaping, and multiuse path connectivity is currently under construction. These new route connections will act as the main entry way and attractive route to HFW which also provides for safe pedestrian and cyclist use. While the limits originally specified in the 2008 MOA extend beyond the Jurisdictional Transfer agreement, MDOT and the City of Detroit agree that the intent is met and the new connections provide for a more attractive and safer connection to HFW.

*Item #6: MDOT shall construct a new decorative and historically appropriate fence along the West Jefferson property line of the Fort.*

Work Plan: MDOT and HFW agreed on replacing the existing chain link fence with a new wrought iron fence that is aesthetic but also respects the historic nature of the Fort. Initial input from SHPO has been provided to the City. The City of Detroit is working with local vendors to get a quote for the fence. MDOT will transfer funds to the City of Detroit HFW office through a Memorandum of Agreement (MOA) to construct the new fence with MDOT providing the appropriate level of oversight.

Item #7: *MDOT shall construct an entryway treatment for Fort Wayne on Fort's West Jefferson Avenue frontage or on other, adjacent City-owned property to improve wayfinding and visibility as identified in the updated Historic Fort Wayne Master Plan. MDOT shall pay for the reconfiguration of those portions of existing Fort Wayne streets specifically needed to connect the new entryway.*

Work Plan: The City of Detroit HFW office does not contemplate relocating the entrance to Fort Wayne. Improvement to the existing entrance with masonry repairs and additional landscaping will be made by HFW, and MDOT will include funds to cover the work through the MOA agreement.

Item #8: *MDOT shall construct a security wall surrounding the plaza; the wall will receive a surface treatment aesthetically compatible with Historic Fort Wayne along its West Jefferson Avenue perimeter.*

Work Plan: The security wall surrounding the Port of Entry is under construction. The Jefferson barrier wall features an aesthetic treatment that pays tribute to Historic Fort Wayne's unique star fort structure. The barrier is an eight-foot-high security wall with the aesthetic treatment displayed on the public side facing West Jefferson Avenue.

Item #9: *MDOT shall landscape the 100' wide buffer area between the plaza security wall and West Jefferson Avenue, meeting Customs and Border Protection guidelines.*

Work Plan: The buffer area between the plaza security wall and West Jefferson Avenue will be landscaped including native pollinator-positive plantings. The landscaping design was developed with the barrier wall design.

Item #10: *MDOT shall work with Customs and Border Protection to encourage truck anti-idling measures on the plaza.*

Work Plan: This is ongoing. MDOT has held discussions with the Customs and Border Protection to encourage truck anti-idling measures on the plaza.

Item #11: *MDOT shall submit work plans and specifications for all of the above provisions relative to Historic Fort Wayne to the City of Detroit Recreation Department and the SHPO for review and approval.*

Work Plan: This is ongoing. MDOT and the City Detroit will continue to coordinate with SHPO for concurrence on items above.

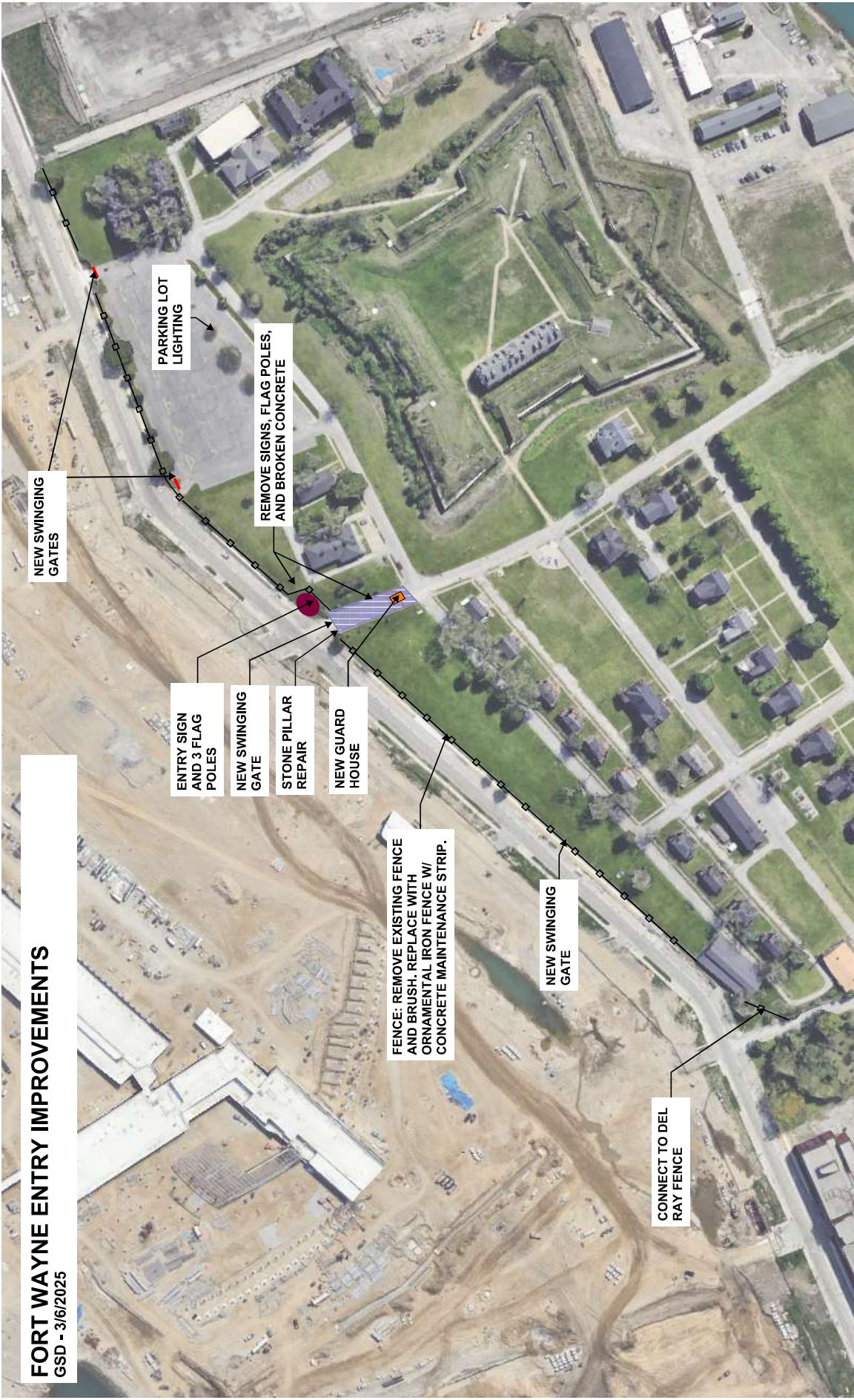
Item #12: *MDOT shall work with the Fort staff and the Detroit Police Department to develop a traffic management plan for large events. MDOT shall contribute toward consultant services used to create the traffic management plan.*

Work Plan: A traffic management plan is a low priority for the City of Detroit as daily use and specific events have varying and individual traffic control needs. The wayfinding signage plans depict directional traffic flow into and out of the Fort.

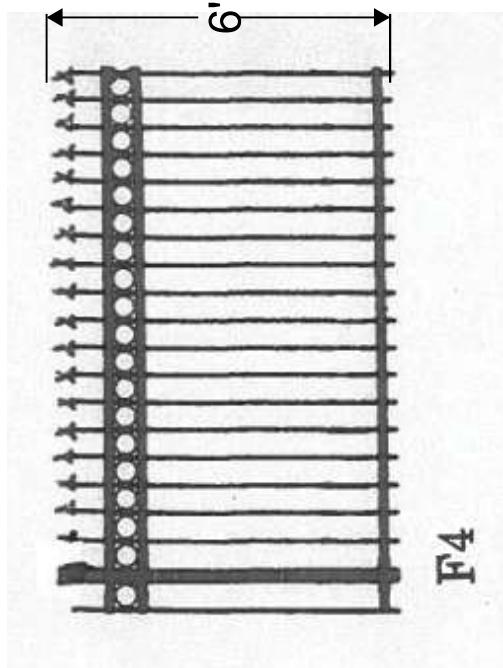
*Item #13: MDOT shall construct a surface parking lot to replace legal on-street parking that is eliminated to accommodate the plaza. The lot shall be of a design and construction similar to that used for Park and Ride lots, commonly found adjacent to Interstate Highway interchanges. MDOT and the City of Detroit shall verify the number of legal parking spaces that will be removed from service to the fort. The City of Detroit shall provide a clean site for the parking lot. The parking lot, once constructed, shall become the responsibility of the City of Detroit for any maintenance and policing.*

Work Plan: There are now over 300 additional formalized/protected parking spaces along the reconfigured West Jefferson Avenue which HFW can benefit from for excess parking. MDOT offered an existing parcel adjacent to Green Street and the RR tracks to use as a parking lot, however, in discussion with HFW, it was rejected due to safety, maintenance costs, and distance reasons. The City of Detroit HFW office does not have an adjacent lot for MDOT to construct a new parking lot. The HFW office is satisfied with the additional spaces that can be utilized on West Jefferson Avenue. MDOT and the City of Detroit agree that this item can be considered closed.

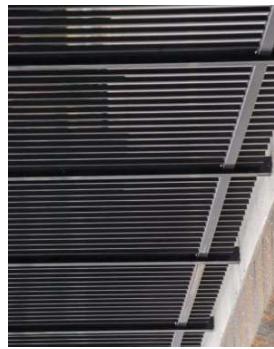
**FORT WAYNE ENTRY IMPROVEMENTS**  
GSD - 3/6/2025



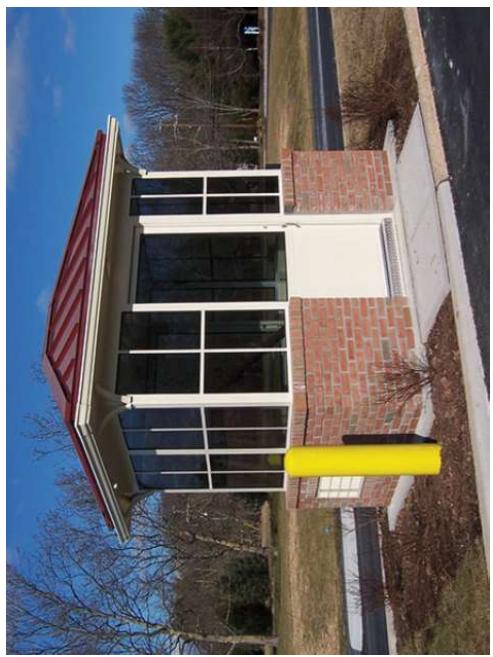
1. Lighting work at parking lot
  - a. Based on discussions between GSD and MDOT
2. Fence Replacement
  - a. Remove and dispose of existing fence and any vegetation
  - b. Install new ornamental iron fencing along the entire Northern edge of Fort Wayne. South side of Jefferson Ave, from Campbell St. to Rademacher St. Approximately 2,600 linear feet of fencing
  - c. 6', vertical picket ornamental iron fence, plain bars, with rings and cast spears. Flat capped posts. Finish: Black gloss
  - d. 2' wide concrete maintenance strip installed on grade
3. Entry Gates
  - a. New swinging gates at 4 locations, custom made to match fencing and fit field dimensions. All gates ornamental iron.
    - i. Entrance at Brady
    - ii. Parking lot – east entry
    - iii. Parking lot – west entry
    - iv. Jefferson Field
  - b. Brick work repair as needed on existing pillars and gates.
4. New Guard House
  - a. New prefabricated guard building. 6' x 10' steel structure with added brick facade. To include HVAC and electrical connections.
  - b. New entry gate stop - arms
5. Entrance renovation
  - a. Remove concrete and asphalt as needed to install guard house
  - b. Install new curb around guard house, and edges of roadway
  - c. Mill and resurface asphalt, replace concrete walkways
  - d. Approximately 500 LF Curb, 12,000 SF mill and resurface asphalt, and 3,000 SF concrete walkway.
  - e. Remove existing flag poles, "Historic Fort Wayne" overhead sign, and letter sign.
  - f. Install 3 flag poles. Stainless steel, 30' – 35' flag pole, in ground buried.
  - g. Install 6' GSD park sign



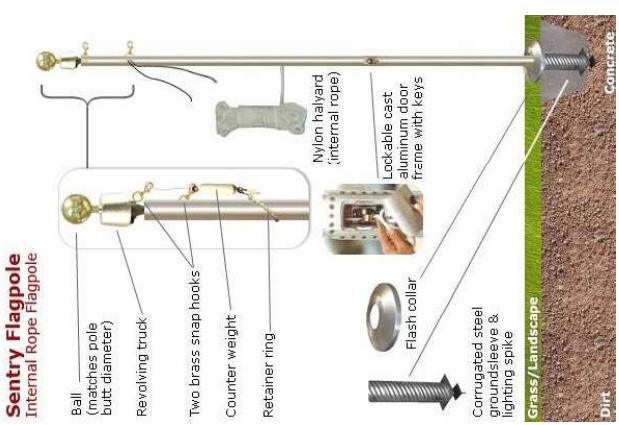
F4



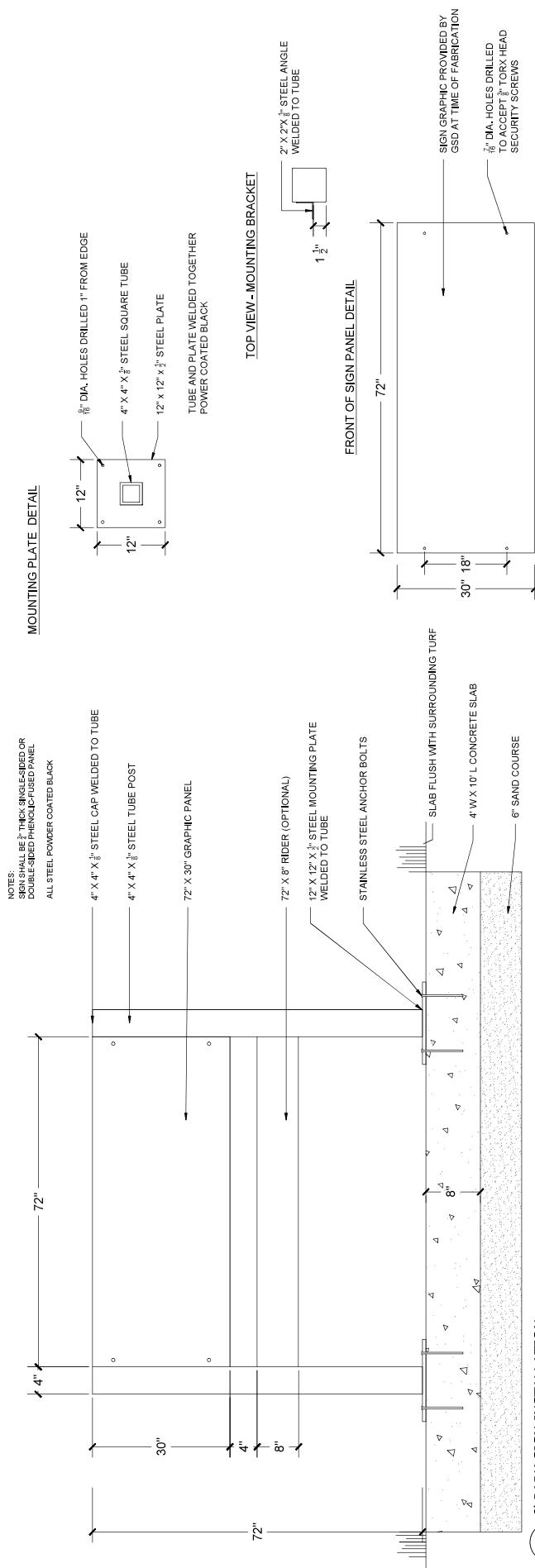
NEW FENCE - 6' ORNAMENTAL IRON WITH RINGS AND SPEARS. ON 2' WIDE CONCRETE MAINTENANCE STRIP.



NEW GUARD SHACK



NEW FLAG POLES



# EGIS-BLN

## GHIB FORT WAYNE LIGHTING & SITE IMPROVEMENTS

DETROIT, MI

30% DESIGN  
APRIL, 2025

### SHEET INDEX

GENERAL	TITLE SHEET
G.1	GENERAL NOTES AND INFORMATION
A.1	ARCHITECTURE
A.1.1	GENERAL SITE PLAN
A.1.2	ENLARGED SITE PLAN @ MAIN ENTRANCE
A.1.3	ENLARGED SITE PLAN @ OPEN PARKING
A.1.4	SITE PLAN DETAILS
A.1.5	SITE PLAN DETAILS
A.1.6	SITE PLAN DETAILS
A.1.7	CLEANING AND WATER-RESISTENT TREATMENTS FOR EXISTING MORTAR AND CONCRETE
A.1.8	REPORTING MORTAR AND CONCRETE FOR HISTORIC MASONRY OR THE EXISTING PILLARS AND GATES
A.1.9	REPORTING MORTAR AND CONCRETE FOR HISTORIC MASONRY OR THE EXISTING PILLARS AND GATES



### LOCATION MAP



PROJECT LOCATION

DLZ PROJECT NO. 1641-674700

ARCHITECT/ENGINEER:  
**DLZ Florida, LLC**  
NA  
NA  
Ph: NA  
www.dlz.com

**DLZ**  
ARCHITECTURE • ENGINEERING • PLANNING  
SURVEYING • CONSTRUCTION SERVICES

Eric Shultz, AIA, LEED AP  
Lia Shultz  
Cathy A. VanLochem, PE, SE  
Architect of Record  
Architectural Drawings of Record

PRINT DATE	PRINT SHEET	DATE DRAWN/CHANGED	DATE ISSUED	ARCHITECTURAL	STRUCTURAL	MECHANICAL	ELECTRICAL

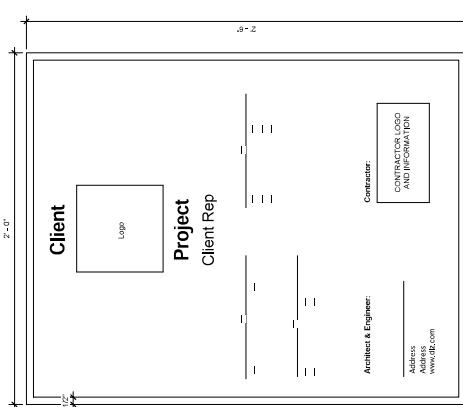
James Hines, PE  
Mechanical Engineer of Record

Architect of Record

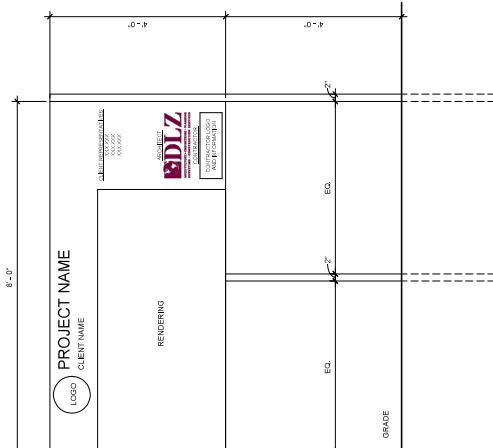
Architectural Drawings of Record

Cathy A. VanLochem, PE, SE

# DEDICATION PLAQUE



# PROJECT SIGN



**NOTES AND INFORMATION**

F. EASING TO REPAIR ITEMS THAT ARE DESTROYED THROUGHOUT THE DURATION OF THE PROJECT. ANY DESTROYED ITEMS THAT ARE DESTROYED DURING CONSTRUCTION, IT SHALL BE REPAIRED OR RESTORED TO THE ORIGINAL CONDITION.

G. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS SHOWN ON THE CONTRACT DOCUMENTS AND SUBMIT A REPORT TO THE OWNER IDENTIFYING ANY CHANGES IN THE EXISTING CONDITIONS OR DIMENSIONS SHOWN ON THE CONTRACT DOCUMENTS.

H. CONTRACTOR SHALL REMOVE EXISTING ASBESTOS-CONTAINING MATERIALS, ASBESTOS-CONTAINING INSULATION, AND OTHER ASBESTOS-CONTAINING MATERIALS FROM THE PROJECT AREA AS DIRECTED BY THE OWNER. CONTRACTOR SHALL MAINTAIN A DEDICATED ASBESTOS-CONTAINING MATERIALS REMOVAL TEAM FOR ASBESTOS-CONTAINING MATERIALS REMOVAL.

I. EASING TO REMOVE ITEMS THAT ARE DESTROYED THROUGHOUT THE DURATION OF THE PROJECT. ANY DESTROYED ITEMS THAT ARE DESTROYED DURING CONSTRUCTION, IT SHALL BE REPAIRED OR RESTORED TO THE ORIGINAL CONDITION.

J. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL TEMPORARY SHOWING AND BRACING REQUIRED TO COMPLETE THE WORK.

K. CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING AND PATCHING THAT IS REQUIRED TO PREPARE THE FLOOR AND PAVING TO MATCH EXISTING SURFACES.

L. REMOVE ALL ABANDONED COMMUNICATIONS, DUCTWORK, CLIMBING, ELECTRICAL, AND COMMUNICATION LINES, LINES, AND EQUIPMENT THAT ARE EXPOSED DURING CONSTRUCTION. CONTRACTOR SHALL IDENTIFY, CAP, AND IDENTIFY ALL EXPOSED UTILITY LINES THAT ARE IDENTIFIED, CAPPED, AND IDENTIFIED AS EXPOSED.

M. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY ENVIRONMENTAL CONTROL MEASURES INCLUDING APPLICABLE AIR QUALITY CONTROL MEASURES, DUST CONTROLS, DROSONIC CONTROLS, AND OTHER CONTROLS THAT ARE IDENTIFIED AS NECESSARY BY THE OWNER FOR PROTECTION OF OCCUPANTS AND PROPERTY DURING SELECTIVE DEMOLITION AND CONSTRUCTION ACTIVITIES.

N. CONTRACTOR IS SOLELY RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES WITH THE OWNER AND CONTRACTORS WITH WHOM THE CONTRACTOR HAS CONTRACTED FOR SERVICES.

O. ENSURE COORDINATED SUBCONTRACTORS ARE BOUND TO AND REQUIRE COORDINATED SUBCONTRACTORS TO SUBORDINATE AND PRIORITY THE CONTRACTOR'S WORK TO THE OWNER'S WORK AND TO NOT INTERFERE WITH THE WORK THAT IS IDENTIFIED AS BEING CONDUCTED BY THE CONTRACTOR'S SUBCONTRACTORS.

P. CONTRACTOR SHALL COORDINATE DEMOLITION ACTIVITIES WITH PRINCIPAL CONTRACTORS AND SUBCONTRACTORS TO ENSURE COORDINATED ACTIVITIES.

Q. NOTE: REFER TO PRESERVATION NOTES AND PROJECT SPECIFICATION FOR MORE INFORMATION ON HOW TO REPAIR HISTORIC STONE, PILLAR AND BRICKWORK.

R. WALL PREPARATION RESTORATION TO THE CONSISTENT WITH US, CLEANING AND PAINTING, AND REPAIRING FOR HISTORIC MASONRY AND REPAIRING FOR LUMINARIA FOR HISTORIC MASONRY AND LUMINARIA.

S. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.

T. CONTRACTOR TO FLOOR VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS.

U. REMOVE AND REPAIR ALL FAILED MASONRY MORTAR JOINTS.

V. REMOVE SURFACE LAIT AND COOZE LAIT FROM EXISTING STEEL LIPS AND REPAIR THE COOZE LAIT.

W. F. MASONRY BRICK RESTORATION AS NECESSARY TO STOP AIR AND WATER INFILTRATION.

X. PROVIDE ALL REQUIRED PROJECT DOCUMENTATION, INCLUDING DRAWINGS, CONTRACTS, AND BIDDING DOCUMENTS, TO THE OWNER. CONTRACTOR SHALL MAINTAIN A COPY OF THE DRAWINGS, CONTRACTS, AND BIDDING DOCUMENTS FOR THE OWNER'S REVIEW AND APPROVAL. CONTRACTOR SHALL MAINTAIN A COPY OF THE DRAWINGS, CONTRACTS, AND BIDDING DOCUMENTS FOR THE OWNER'S REVIEW AND APPROVAL IN A TIMELY MANNER.

Y. PROVIDE ALL REQUIRED FIELD SUPERVISION, QUALITY CONTROL, AND SAFETY PERSONNEL AS REQUIRED BY THE OWNER. CONTRACTOR SHALL MAINTAIN A COPY OF THE WORK BEING CONDUCTED ON-SITE.

Z. PATCH AND REPAIR ALL EXISTING WALL, FLOOR, AND CEILING CONSTRUCTION DAMAGED BY CONSTRUCTION ACTIVITIES TO MATCH EXISTING SURFACES THAT ARE PROVIDED IN A TIMELY MANNER.

A. J. REPLACE ALL WINDSOFF SURFACES TO FAIR-CODE MATERIALS.

B. K. RESTORE WEIGHTS AND CENTER BALANCE SYSTEM.

C. L. HANDLING OF ANY MATERIAL REQUIRING PRECAUTIONS IN HANDLING OF ANY MATERIAL REQUIRING PRECAUTIONS SEE SPECIFICATIONS.

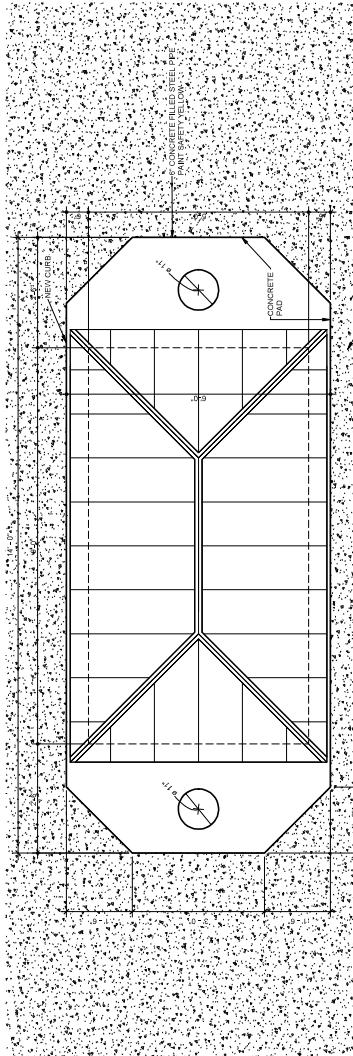
1 ENLARGED SITE PLAN @ MAIN ENTRANCE





**GENERAL NOTES:**  
REF ID: 10 FOR ADDITIONAL GENERAL NOTES AND  
INFORMATION

A. *See* Item 10 for additional general notes and  
information

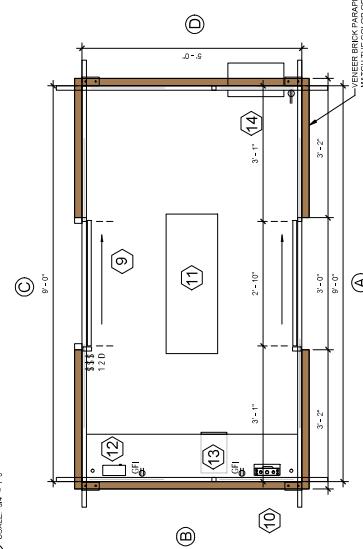


1 GUARD HOUSE

LEGEND:

- ⑨ - DOOR
- ⑩ - ELECTRICAL
- ⑪ - LIGHTING (DUAL BULB, FLUORESCENT STRIP LIGHTS)
- ⑫ - HEAT (LOCATION OPTIONAL)
- ⑬ - COUNTER
- ⑭ - A/C (LOCATION OPTIONAL)
- ⑮ - ARCHES (OPTIONAL)

NOTES: ALL LATION TO BE CORBELED IN ACCORDANCE WITH MANUFACTURERS  
SPECIFICATIONS.  
1. DOWNSPOUT DRAWINGS  
2. DOWNSPOUTS & SCAFFOLDING  
3. SEE ARCHITECTURE & MECHANICAL DRAWINGS  
4. SEE ARCHITECTURE & MECHANICAL DRAWINGS  
5. SEE ARCHITECTURE & MECHANICAL DRAWINGS  
6. SEE ARCHITECTURE & MECHANICAL DRAWINGS  
7. SEE ARCHITECTURE & MECHANICAL DRAWINGS  
8. SEE ARCHITECTURE & MECHANICAL DRAWINGS  
9. SEE ARCHITECTURE & MECHANICAL DRAWINGS  
10. SEE ARCHITECTURE & MECHANICAL DRAWINGS  
11. SEE ARCHITECTURE & MECHANICAL DRAWINGS  
12. SEE ARCHITECTURE & MECHANICAL DRAWINGS  
13. SEE ARCHITECTURE & MECHANICAL DRAWINGS  
14. SEE ARCHITECTURE & MECHANICAL DRAWINGS  
15. SEE ARCHITECTURE & MECHANICAL DRAWINGS



2 GUARD HOUSE FLOOR PLAN

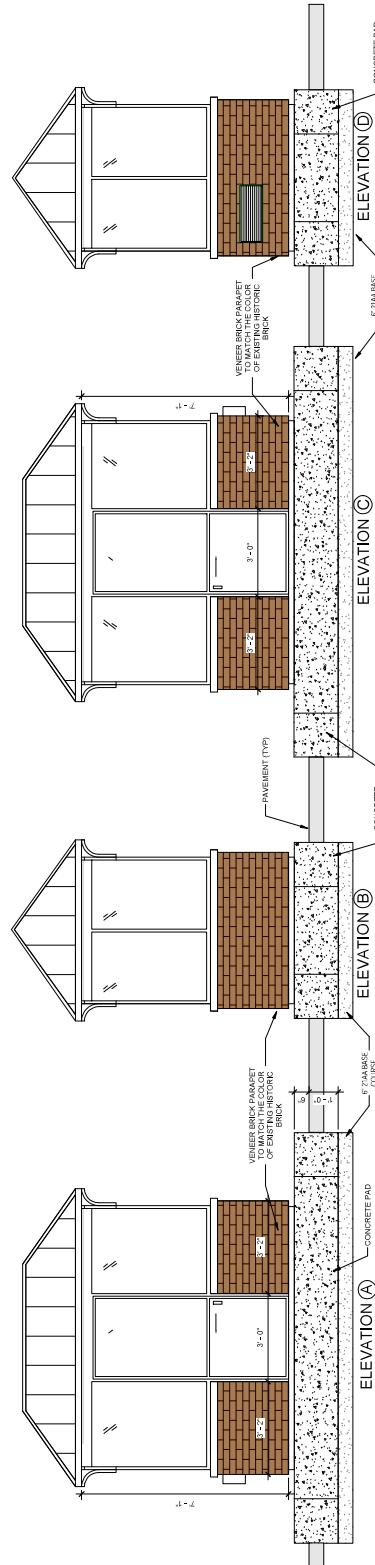
164-674700  
PROJ. NO. 164-674700  
DESIGNER: DATE: APRIL 2003  
APPROVED: APPROVED: DATE: APRIL 2003  
ARCHITECTURE • ENGINEERING • PLANNING  
STRUCTURE • CONSTRUCTION SERVICES

SITE PLAN DETAILS  
EGIS-BLN  
CHIB FORT WAYNE LIGHTING & SITE IMPROVEMENTS

A1.3

DRAWING NUMBER: DET-01  
ARCHITECTURE

3 GUARD HOUSE ELEVATIONS













**GENERAL NOTES**

- A. REFER TO SHEETS 1 AND 2 FOR ADDITIONAL GENERAL NOTES AND INFORMATION.
- B. DIMMED LINES INDICATE EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED.
- C. REMOVED LINES INDICATE EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED AND NOT TO BE RESTORED.
- D. POWER AND SIGNAL SOURCE OR TO NEAREST REBARING DEVICE/LOCATION.
- E. EXISTING ELECTRICAL ITEMS TO BE REMOVED.
- F. ALL EXISTING LIGHTING, POWER, SYSTEMS, DEVICES, EQUIPMENT AND MATERIALS TO BE REMOVED.
- G. NOT ALL VENETS ARE USED ON EVERY SHEET.
- H. REMOVE EXISTING SYSTEM MATERIALS AND EQUIPMENT WHICH CONSTITUTE THE OLD SYSTEM. REPLACE WITH THE CONSTRUCTION OF THIS PROJECT.

ETC ARE ENCOUNTERED, THEY SHALL BE RELOCATED OR  
LOCATED AS REQUIRED. CONCERNING THE RELOCATION, THE  
OWNER SHALL BE ADVISED AS TO THE COSTS AND THE  
AMOUNT SO THAT OWNERSHIP OF THE OWNER  
IMMEDIATELY AFTER THE RELOCATION.

K. REFER TO ARCHITECTURAL DRAWINGS WHICH SHOW THE TOTAL  
DIMENSION TO THE NEAREST INCH. THIS IS THE TOTAL  
ELECTRICAL EQUIPMENT THAT MUST REMAIN IN PROPERLY  
ELECTRICAL EQUIPMENT.

L. ALL RELOCABLE EQUIPMENT, FIXTURES, AND EQUIPMENT SHALL BE  
RELOCATED AS REQUIRED. CONCERNING THE RELOCATION, THE OWNER SHALL BE  
ADVISED AS TO THE COSTS AND THE AMOUNT SO THAT OWNERSHIP OF THE OWNER  
IMMEDIATELY AFTER THE RELOCATION.

M. THE CONTRACTOR SHALL STORE THE CONTRACTOR'S TOOLS AND  
MATERIALS AS RELOCATED BY THE OWNER, OR OTHER RELOCATED ITEMS AND  
MATERIALS AS RELOCATED BY THE OWNER, FROM THE PREVIOUS DAY.

## KEYNOTES

REMOVAL OF EXISTING CONDUIT, POLE, AND POLE BASE IN PREPARATION FOR NEW DIRECT BURNT LIGHT POLE IN SAME PLACE. MANUFACTURING FOR NEW POLE. REWORK EXISTING CONDUIT AS REQUIRED FOR NEW POLE.

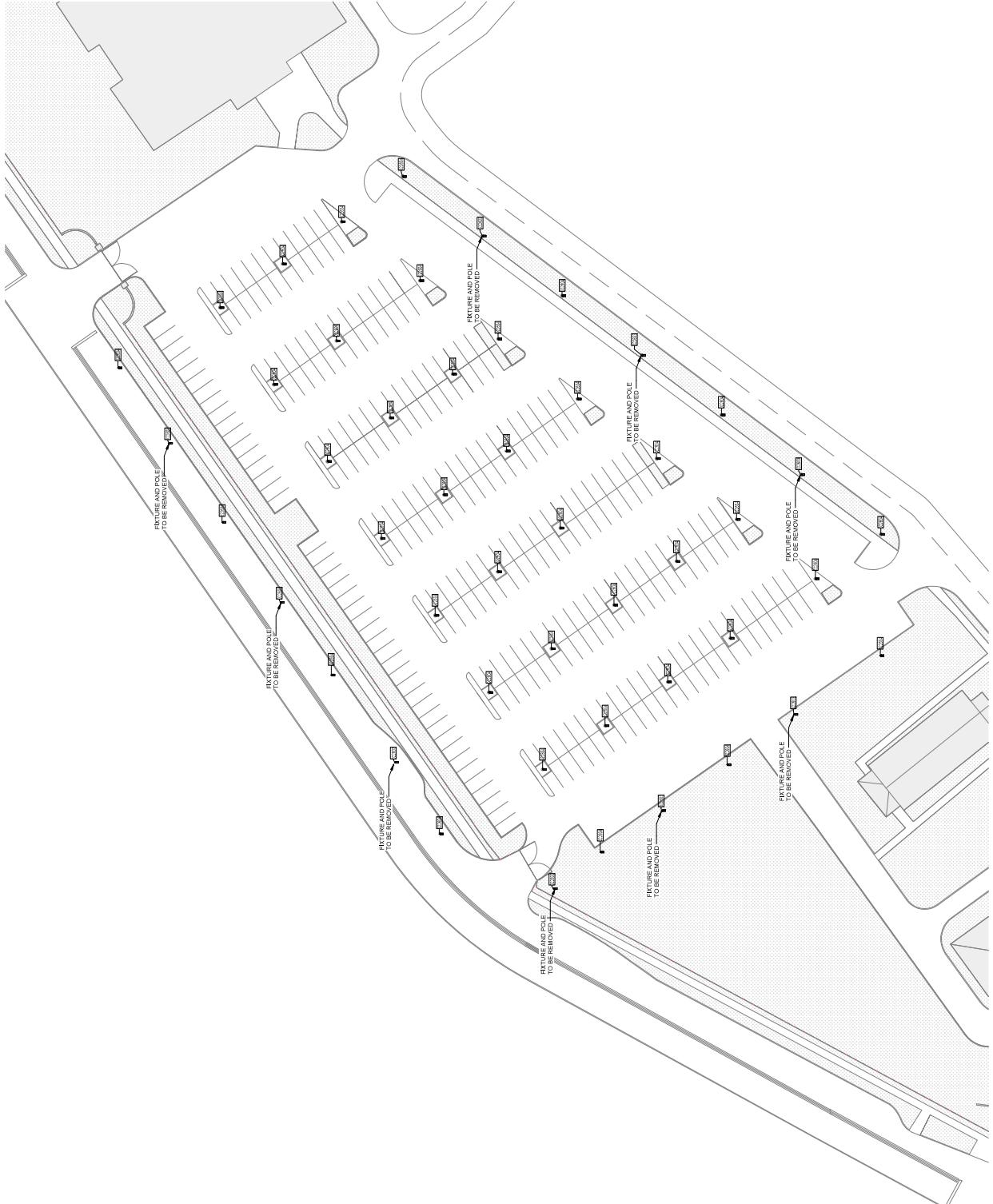
APPENDIX: APPENDIX	DATE: MONTH XX, XXXX	PROJECT NUMBER	1641-674700
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## SITE LIGHTING REMOVAL PLAN

DETROIT

NORTH

8224E 18° x 14°



**E1.0**

**DETROIT** **EGIS-BLN** **GHIB FORT WAYNE LIGHTING & SITE IMPROVEMENTS** **ELECTRICAL SITE PLAN**

DETROIT SURVEYING • ENGINEERING • PLANNING  
ARCHITECTURE • ENGINEERING • PLANNING  
SURVEYING • CONSTRUCTION SERVICES  
DZB Projects, LLC

1641-674700  
PROJECT NUMBER  
DATE: MONTH XX XXXX  
DESIGNER: G. H. BAKER  
DRAWING: A. H. BAKER  
CITY: Fort Wayne  
STATE: Indiana  
DRAWING NO.: 1641-674700  
REVISION: 0  
DATE: 01/01/2024

**GENERAL NOTES**  
A. REFER TO SHEETS 04 AND 05 FOR ADDITIONAL GENERAL NOTES AND INFORMATION.  
B. FIELD VERIFY POWER SOURCE FOR EXTERIOR LIGHTING.

**KEYNOTES**

**FIRST FLOOR POWER PLAN**  
1  
SCALE: 1" = 100'-0"  
NORTH



ARCHITECTURE • ENGINEERING • PLANNING  
SURVEYING • CONSTRUCTION SERVICES  
DLC Projects, LLC

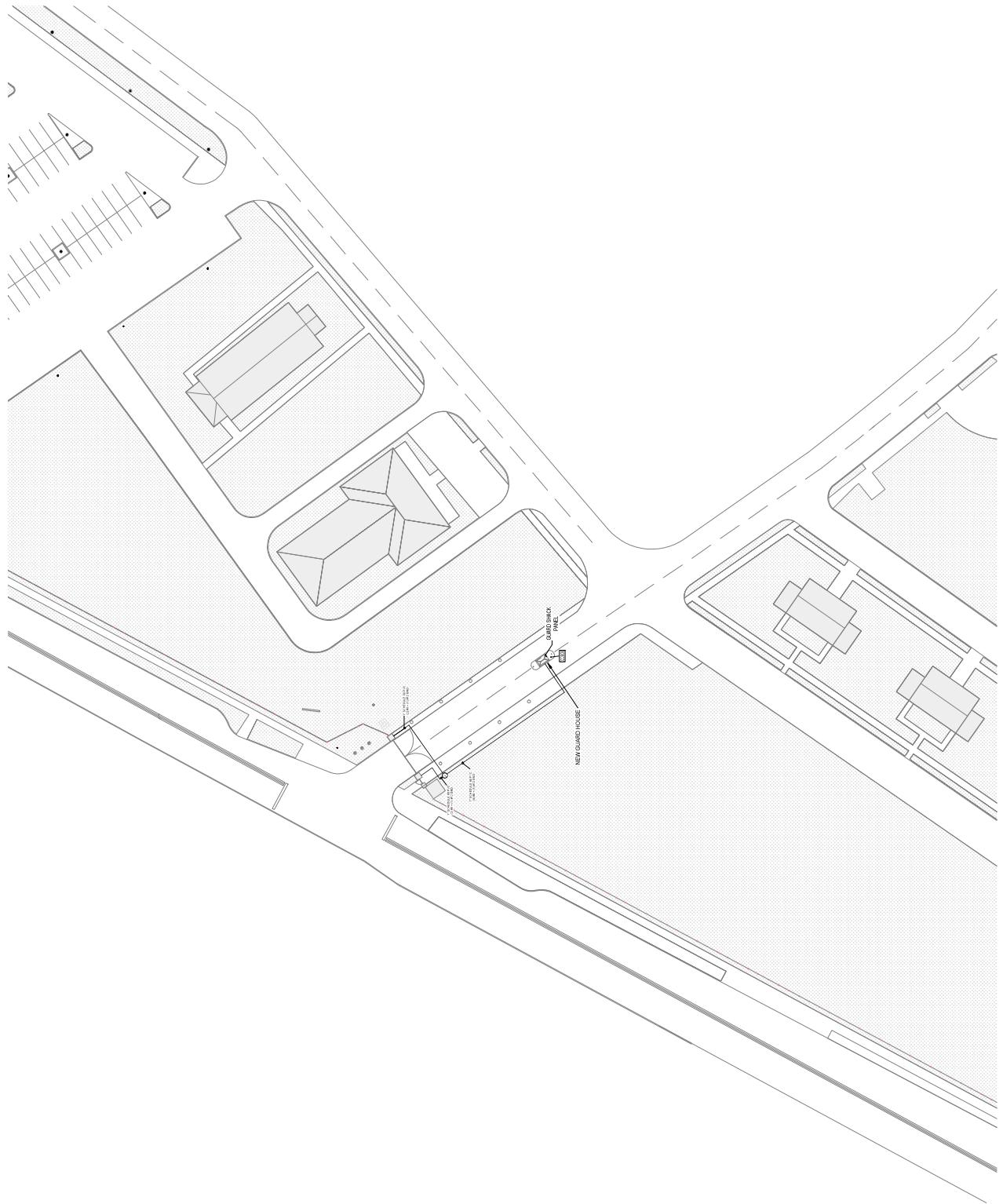
### GENERAL NOTES

- A. REFER TO SHEETS 3, 4 AND 5.1 FOR ADDITIONAL GENERAL NOTES AND INFORMATION.
- B. FIELD VERB POWER SOURCE FOR EXTERIOR LIGHTING.

### KEYNOTES

027506  
UTLITE EXISTING CONDUIT AND REEDERS TO SUPPLY  
NEW GATEHOUSE PANEL.

DRAWING NUMBER		DETROIT		EGIS-BLN		ELECTRICAL SITE PLAN ENLARGED		E1.1	
DATE DRAWN	DESIGNER	CHK'D	NO.	REVISED	DATE	DATE APPROVED	DATE ISSUED	DATE APPROVED	DATE ISSUED



1 ELECTRICAL SITE PLAN @ MAIN ENTRANCE  
SCALE: 1/2" = 20'-0"

NORTH





E5.1									
DETROIT EGIS-BLN DETAILS - 1 GHIB FORT WAYNE LIGHTING & SITE IMPROVEMENTS									
DRAWING NUMBER	DETROIT	EGIS-BLN	DETAILS - 1	ELECTRICAL					
1641-674700	PROJECT NUMBER	DATE: MONTH XX XXXX	PROJECT NUMBER	DATE: MONTH XX XXXX					
REVISIO	CUSTO	CHWT	DRAWN:	DRAWN:					
N	N	N	N	N					
<p><b>GENERAL NOTES</b></p> <p>A. REFERS TO SHEETS E5.1 AND E5.2 FOR AUDITORY GENERAL. B. HELD VERTICALLY FOR EXTERIOR LIGHTING.</p>									
<p>1. LIGHT POLE CONCRETE FOUNDATION DETAIL</p> <p>SCALE: 1/2" = 1'-0"</p> <p>NORTH</p>									

**GENERAL NOTES**

A. REFER TO SHEETS E1.1 AND E1.1 FOR ADDITIONAL GENERAL NOTES AND INFORMATION.  
 B. FIELD VERIFY POWER SOURCE FOR EXTERIOR LIGHTING.



SURVEYING

ENGINEERING

PLANNING

ARCHITECTURE

SERVICES

DLC Projects, LLC

SCH 00000000

**LIGHTING FIXTURE SCHEDULE**

TYPE	LAMP	VATAGE	VOLTS	DESCRIPTION	MANUFACTURER 1	TYPE COMMENTS
A	LED	12V	W/VOLT	COL. SIGNED ARCHITECTURAL AREA LIGHT, DIECAST ALUMINUM HOUSING, ACRYLIC LENS	EVOLVE REF/AM 01/2-40 1H-A	ROTATABLE WITH BOTTOM AT 120° VIG UNLESS OTHERWISE NOTED.
B	LED	12V	W/VOLT	COL. SIGNED ARCHITECTURAL AREA LIGHT, DIECAST ALUMINUM HOUSING, ACRYLIC LENS	EVOLVE REF/AM 01/2-40 1H-A	ROTATABLE WITH BOTTOM AT 120° VIG UNLESS OTHERWISE NOTED.

NOTE: CONTRACTOR TO VERIFY VOLTAGE OF EXISTING LIGHT POLE CIRCUIT

**Branch Panel: GUARD SHA...**

Location: Phase 1  
 Supply From: 120/240 Single  
 Mounting: Surface  
 Enclosure: 1

Notes:

Ckt	Circuit Description	Trips	Phase	A	B	Poles	Trips	Circuit Description	Ckt
1									2
2									4
3									6
5									8
7									10
9									12
11									
	Total Load			V.A.	V.A.				
	Total Amps			0.4	0.4				

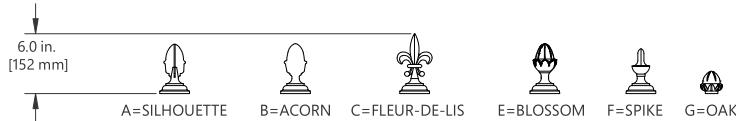
Legend:

Load Classification	Connected Load	Demanded Factor	Estimated Demand	Panel Total
				Total Comm Load (V.A.)
				Total End Demand (V.A.)
				Total Comm. Current (A.)
				Total End Symmetric current (A.)

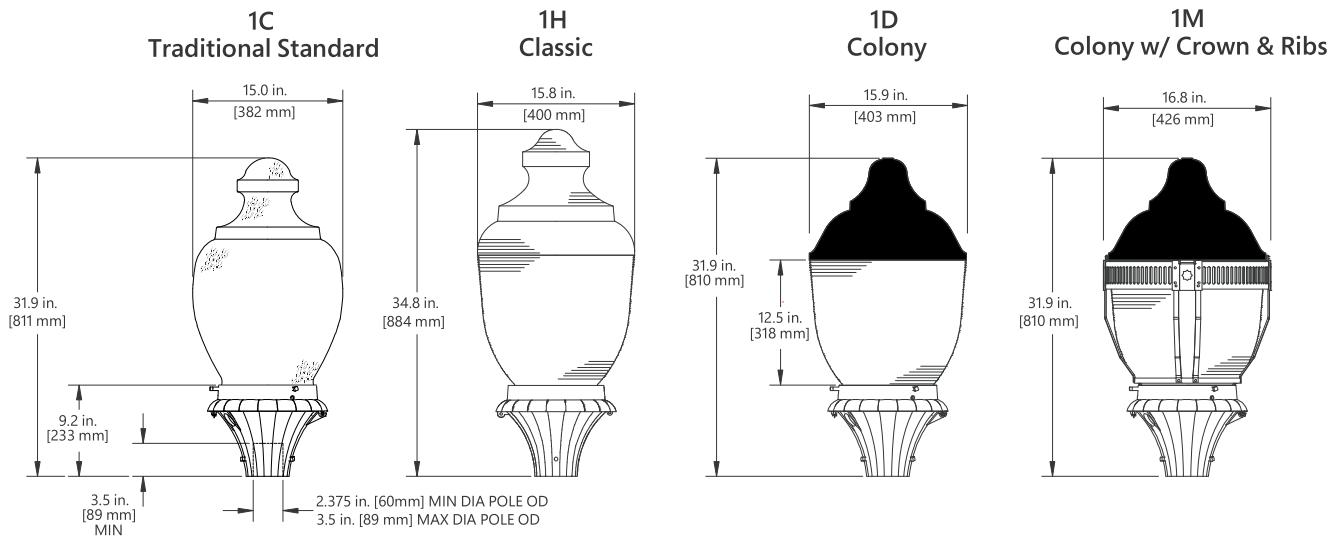
Notes:

SCH 00000000

## FINIAL



## GLOBE



## Weight

- < 20 lbs (9.07 kgs)

## Effective Projected Area

- 1.4 sq ft max (0.13 sq M max)

## Available Finials if ordered separately

MATERIAL DESCRIPTION	COLOR*	MATERIAL
FNLBL-ACN	BLACK	126817
FNLBL-BLS	BLACK	126819
FNLBL-FDL	BLACK	126812
FNLBL-OAK	BLACK	170102
FNLBL-SIL	BLACK	126816
FNLBL-SPK	BLACK	126818

\*Contact Factory for different finial colors

## Suggested Mounting Height

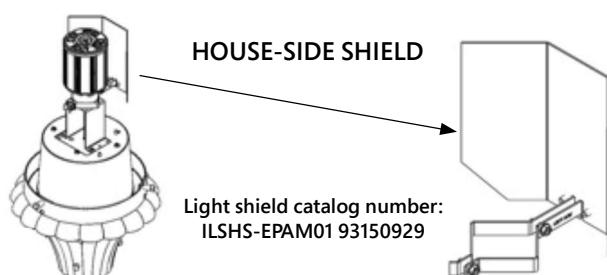
- 8-16 ft. (2.5-5 M)

## Mounting

- Post top mounting for 2.375 in. (60mm) MIN – 3.5 in. (89mm) MAX diameter by 3.5-inch MIN vertical tenon secured with three square head set screws

## Accessories

SAP NUMBER	PART NUMBER	DESCRIPTION
93029237	PED-MV-LED-7	ANSI C136.41 Dimming PE, 120-277V
28299	PEC0TL	Standard 120-277V
73251	SCCL-PECTL	Shorting Cap





## Construction

<b>Housing:</b>	Diecast aluminum housing.
<b>Lens:</b>	Acrylic or Polycarbonate Globe
<b>Paint:</b>	Corrosion resistant polyester powder paint, minimum 2.0 mil thickness Standard = Black, Dark Bronze RAL & custom colors available
<b>Weight:</b>	< 20 lbs (9.07 kgs)

## Optical System

<b>Lumens:</b>	1,900 – 12,600
<b>Distribution:</b>	Symmetric Asymmetric
<b>Efficacy:</b>	74-155 LPW
<b>CCT:</b>	3000K, 4000K
<b>CRI:</b>	≥70

## Electrical

<b>Input Voltage:</b>	120-277V
<b>Input Frequency:</b>	50/60Hz
<b>Power Factor:</b>	≥ 90% at rated watts*
<b>Total Harmonic Distortion:</b>	≤ 20% at rated watts

\*PF >0.88 for 1C and 1H globes at 02 Lumen Output above 240V

## Surge Protection\*

Standard	Optional
<input type="checkbox"/> 10kV/5kA	<input type="checkbox"/> Secondary 10kV/5kA (R Option) <input type="checkbox"/> Secondary 20kV/10kA (T Option)

\*Per ANSI C136.2-2015

## Warranty

<input type="checkbox"/> 5 Year (Standard)	<input type="checkbox"/> 10 Year (Optional)
--	---

CUSTOMER NAME \_\_\_\_\_  
 PROJECT NAME \_\_\_\_\_  
 DATE \_\_\_\_\_ TYPE \_\_\_\_\_  
 CATALOG NUMBER \_\_\_\_\_

## EPAM Americana LED Post Top Lighting

The **Evolve®** LED Americana Post Top offers energy efficiency and quality of light in a classic, Acorn look and style.

## Luminaire Ambient Temperature Factor (LATF)

Ambient Temp (°C)	Initial Flux Factor	Ambient Temp (°C)	Initial Flux Factor
10	1.02	30	0.99
20	1.01	40	0.98
25	1.00	50	0.97

## Operating Temperature

Globe	Min Ambient Temp (°C)	Max Ambient Temp (°C)	Lumen Output
<b>1C &amp; 1H</b>	-40°	50°	02 to 10
	-40°	40°	12
<b>1D</b>	-40°	50°	02 to 08
	-40°	45°	10
<b>1M</b>	-40°	50°	02 to 06
	-40°	45°	07

## Ratings

<b>Vibration:</b>	1.5G per ANSI C136.41-2010
<b>LM-79:</b>	Testing in accordance with IES Standards
<b>Environmental:</b>	Complies with the material restrictions of RoHS

## Controls

<b>Dimming:</b>	Standard - 0-10V	<input type="checkbox"/>
	Optional - DALI (Option U)	<input type="checkbox"/>
<b>Sensors:</b> Photo Electric Sensors (PE) available		

## Applications

- Local Roadways
- Parks and Pathways
- Antique Streetscapes
- University and Business Campuses

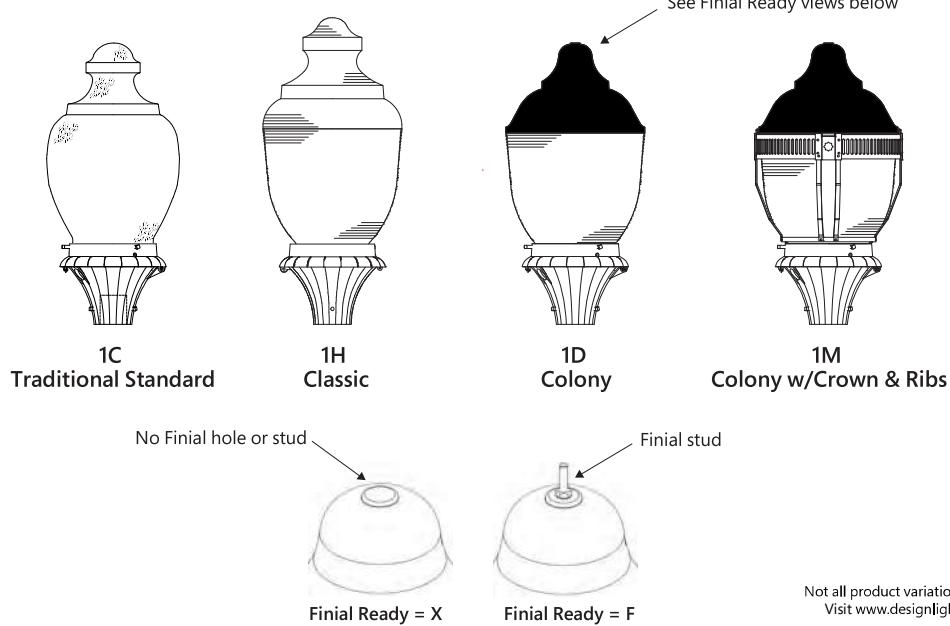


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## Ordering Information

## EPAM 01

PROD. ID	GEN	VOLTAGE	LUMEN OUTPUT <sup>4</sup>	DISTRIBUTION	CCT	CONTROLS	GLOBE	GLOBE MATERIAL	FINIAL READY	FINIAL	COLOR	OPTIONS
<b>E = Evolve</b>	01	0 = 120-277V <sup>3</sup>	02	A = Symmetric	30 = 3000K	1 = None	1C = Traditional Standard	A = Acrylic	F = Finial Ready <sup>2</sup>	A = Silhouette	BLCK = Black	F = Fusing
<b>P = Post Top</b>		1 = 120V	04	B = Asymmetric <sup>10</sup>	40 = 4000K	A = ANSI C136.41 7-Pin Receptacle (in Base)	1H = Classic	P = Polycarbonate <sup>6</sup>	X = No Finial Hole or Stud <sup>1</sup>	B = Acorn	DKBZ = Dark Bronze	R = Secondary 10kV/5kA SPD
<b>AM = Americana</b>		2 = 208V	06			D = ANSI C136.41 7-Pin Receptacle (in Base) w/ Shorting Cap	1D = Colony	F = Frosted Acrylic <sup>6,7</sup>		C = Fleur-De-Lis	XXXX = RAL Color	T = Secondary Elevated Surge (20kV/10kA)
		3 = 240V	08			E = ANSI C136.41 7-Pin Receptacle (in Base) w/ non-Dimming PE	1M = Colony w/ Crown & Ribs			E = Blossom		U = DALI Programmable
		4 = 277V	10							F = Spike		V1 = Field Adjustable Module <sup>5</sup>
			12							G = Oak		XXX = Special Options
										X = None		

<sup>1</sup> If globe finial is not desired, choose FINIAL READY = X and FINIAL = X. If FINIAL READY = X, a finial cannot be added later<sup>2</sup> A Finial is not required to complete order and can be added later<sup>3</sup> Not Available with Fusing<sup>4</sup> Globe Choice affects total lumen output. See Spec Table for additional information.<sup>5</sup> Not available with DALI "U" option<sup>6</sup> Only available with 1C Globe<sup>7</sup> Only available without Finial (Finial Ready = X)<sup>8</sup> Lumen offering 07 is only available with the 1M Globe<sup>9</sup> Review the Spec Tables for combination of Lumen Output, Distribution, Globe and Globe Material<sup>10</sup> Not available with 1C Globe

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LUMEN OUTPUT	DIST. CODE	GLOBE	GLOBE MATERIAL	TYPICAL INITIAL LUMENS		TYPICAL SYSTEM WATTAGE	BUG RATINGS		TM-21-11 LXX (≥10k) @ HOURS		
				4000K	3000K		4000K	3000K	25,000 HR	50,000 HR	60,000 HR
02	A Symmetric	1C Traditional Standard	A Acrylic	2300	2200	16	B1-U4-G2	B1-U4-G2	L96	L95	L94
04				4500	4400	29	B1-U5-G3	B1-U5-G3	L96	L95	L94
06				6600	6400	44	B2-U5-G3	B2-U5-G3	L95	L93	L92
08				8500	8200	59	B2-U5-G4	B2-U5-G3	L94	L91	L90
10				10600	10300	77	B3-U5-G4	B3-U5-G4	L92	L88	L86
12				12600	12200	97	B3-U5-G5	B3-U5-G4	L87	L78	L75
02	A Symmetric	1C Traditional Standard	P Polycarbonate	2200	2100	16	B1-U4-G2	B1-U4-G2	L96	L95	L94
04				4300	4200	29	B1-U5-G3	B1-U5-G3	L96	L95	L94
06				6300	6100	44	B2-U5-G3	B2-U5-G3	L95	L93	L92
08				8200	7900	59	B2-U5-G4	B2-U5-G4	L94	L91	L90
10				10200	9900	77	B3-U5-G4	B3-U5-G4	L92	L88	L86
12				12100	11700	97	B3-U5-G5	B3-U5-G4	L87	L78	L75
02	A Symmetric	1H Classic	A Acrylic	2200	2200	16	B1-U4-G1	B1-U4-G1	L96	L95	L94
04				4500	4300	29	B2-U5-G2	B2-U5-G2	L96	L95	L94
06				6500	6300	44	B2-U5-G2	B2-U5-G2	L95	L93	L92
08				8400	8200	59	B3-U5-G2	B3-U5-G2	L94	L91	L90
10				10500	10200	77	B3-U5-G3	B3-U5-G3	L92	L88	L86
12				12400	12100	97	B3-U5-G3	B3-U5-G3	L87	L78	L75
02	B Asymmetric	1H Classic	A Acrylic	2200	2100	16	B1-U4-G1	B1-U4-G1	L96	L95	L94
04				4400	4300	29	B1-U5-G2	B1-U5-G2	L96	L95	L94
06				6400	6200	44	B1-U5-G3	B1-U5-G3	L95	L93	L92
08				8300	8000	59	B2-U5-G3	B2-U5-G3	L94	L91	L90
10				10300	10000	77	B2-U5-G3	B2-U5-G3	L92	L88	L86
12				12300	11900	97	B2-U5-G3	B2-U5-G3	L87	L78	L75

For additional information on EPAM IES files, please refer to [LED.com](http://LED.com)



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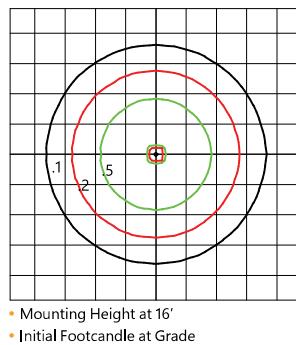
LUMEN OUTPUT	DIST. CODE	GLOBE	GLOBE MATERIAL	TYPICAL INITIAL LUMENS		TYPICAL SYSTEM WATTAGE	BUG RATINGS		TM-21-11 LXX ( $\geq 10k$ ) @ HOURS		
				4000K	3000K		4000K	3000K	25,000 HR	50,000 HR	60,000 HR
02	A Symmetric	1D Colony*	A Acrylic	2800	2700	23	B2-U3-G1	B2-U3-G1	L96	L94	L93
04				4600	4500	37	B2-U3-G2	B2-U3-G2	L96	L94	L93
06				6100	5900	50	B3-U4-G2	B3-U4-G2	L94	L91	L90
08				7800	7600	66	B3-U4-G3	B3-U4-G3	L92	L88	L87
10				9500	9200	86	B3-U5-G3	B3-U4-G3	L87	L79	L76
02	B Asymmetric	1D Colony*	A Acrylic	2800	2700	23	B1-U3-G2	B1-U3-G2	L96	L94	L93
04				4600	4500	37	B2-U3-G3	B2-U3-G3	L96	L94	L93
06				6100	5900	50	B2-U4-G3	B2-U4-G3	L94	L91	L90
08				7800	7600	66	B2-U4-G3	B2-U4-G3	L92	L88	L87
10				9500	9200	86	B3-U4-G3	B3-U4-G3	L87	L79	L76
02	A Symmetric	1M Colony w/ Crown & Ribs	A Acrylic	1900	1900	23	B1-U3-G1	B1-U3-G1	L96	L94	L93
04				4200	4100	50	B2-U3-G1	B1-U3-G2	L94	L91	L90
06				6100	5900	77	B3-U3-G2	B2-U3-G2	L90	L84	L81
07				6600	6400	86	B3-U3-G2	B3-U3-G2	L87	L79	L76
02	B Asymmetric	1M Colony w/ Crown & Ribs	A Acrylic	1900	1900	23	B1-U3-G1	B1-U3-G1	L96	L94	L93
04				4200	4100	50	B1-U3-G2	B1-U3-G2	L94	L91	L90
06				6100	5900	77	B2-U3-G3	B2-U3-G2	L90	L84	L81
07				6600	6400	86	B2-U3-G3	B2-U3-G3	L87	L79	L76

For additional information on EPAM IES files, please refer to [LED.com](http://LED.com)

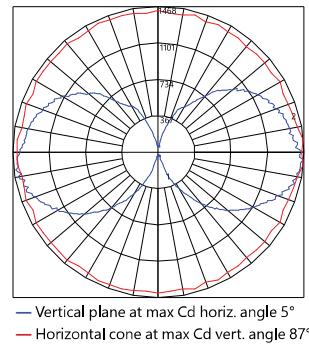


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**EPAM**  
**Symmetric**  
12,600 Lumens  
4000K  
EPAM01\_12A40-1CA\_\_\_\_.IES

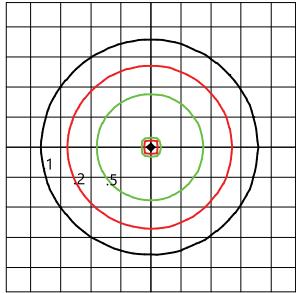


- Mounting Height at 16'
- Initial Footcandle at Grade

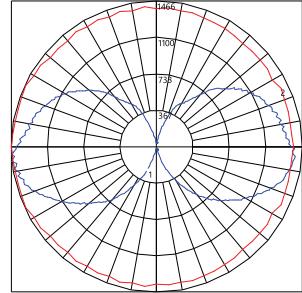


- Vertical plane at max Cd horiz. angle 5°
- Horizontal cone at max Cd vert. angle 87°

**EPAM**  
**Symmetric**  
12,100 Lumens  
4000K  
EPAM01\_12A40-1CP\_\_\_\_.IES

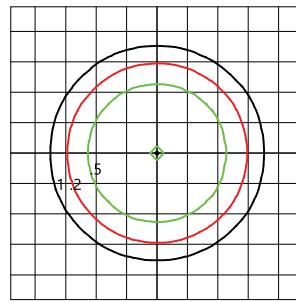


- Mounting Height at 16'
- Initial Footcandle at Grade

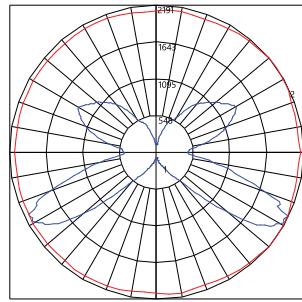


- Vertical plane at max Cd horiz. angle 180°
- Horizontal cone at max Cd vert. angle 84°

**EPAM**  
**Symmetric**  
12,400 Lumens  
4000K  
EPAM01\_12A40-1HA\_\_\_\_.IES

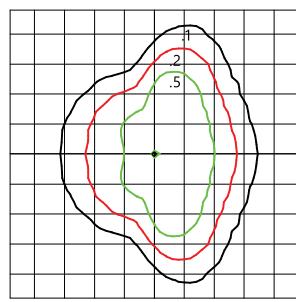


- Mounting Height at 16'
- Initial Footcandle at Grade

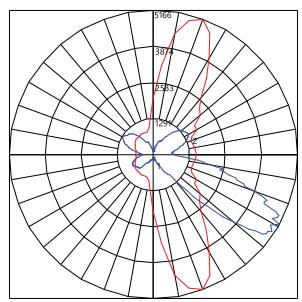


- Vertical plane at max Cd horiz. angle 40°
- Horizontal cone at max Cd vert. angle 64°

**EPAM**  
**Asymmetric**  
12,300 Lumens  
4000K  
EPAM01\_12B40-1HB\_\_\_\_.IES

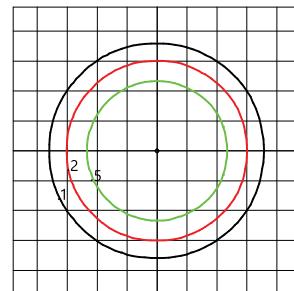


- Mounting Height at 16'
- Initial Footcandle at Grade

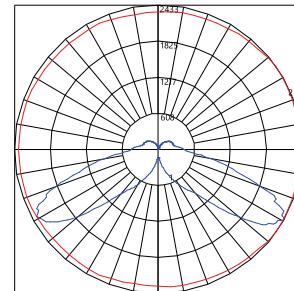


- Vertical plane at max Cd horiz. angle 70°
- Horizontal cone at max Cd vert. angle 61°

**EPAM**  
**Symmetric**  
9,500 Lumens  
4000K  
EPAM01\_10A40-1DA\_\_\_.IES

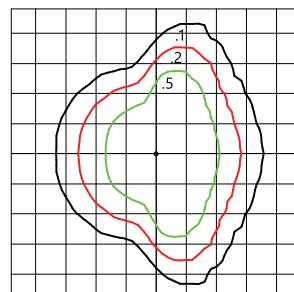


- Mounting Height at 16'
- Initial Footcandle at Grade

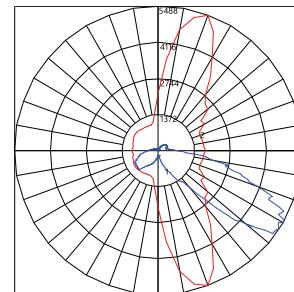


- Vertical plane at max Cd horiz. angle 61°
- Horizontal cone at max Cd vert. angle 35°

**EPAM**  
**Asymmetric**  
9,500 Lumens  
4000K  
EPAM01\_10B40-1DB\_\_\_.IES

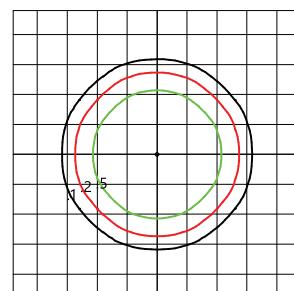


- Mounting Height at 16'
- Initial Footcandle at Grade

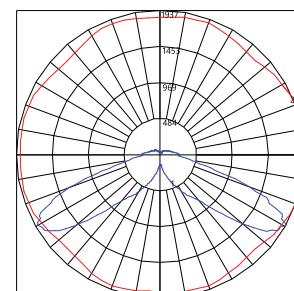


- Vertical plane at max Cd horiz. angle 70°
- Horizontal cone at max Cd vert. angle 61°

**EPAM**  
**Symmetric**  
6,600 Lumens  
4000K  
EPAM01\_07A40-1MA\_\_\_.IES

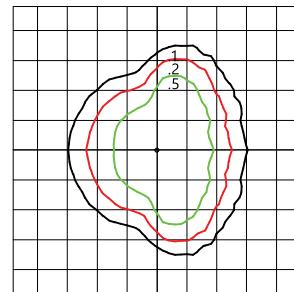


- Mounting Height at 16'
- Initial Footcandle at Grade

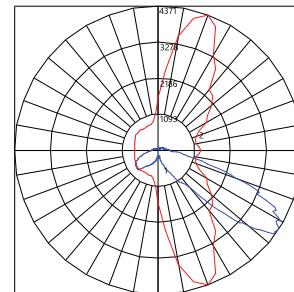


- Vertical plane at max Cd horiz. angle 61°
- Horizontal cone at max Cd vert. angle 20°

**EPAM**  
**Asymmetric**  
6,600 Lumens  
4000K  
EPAM01\_07B40-1MB\_\_\_.IES



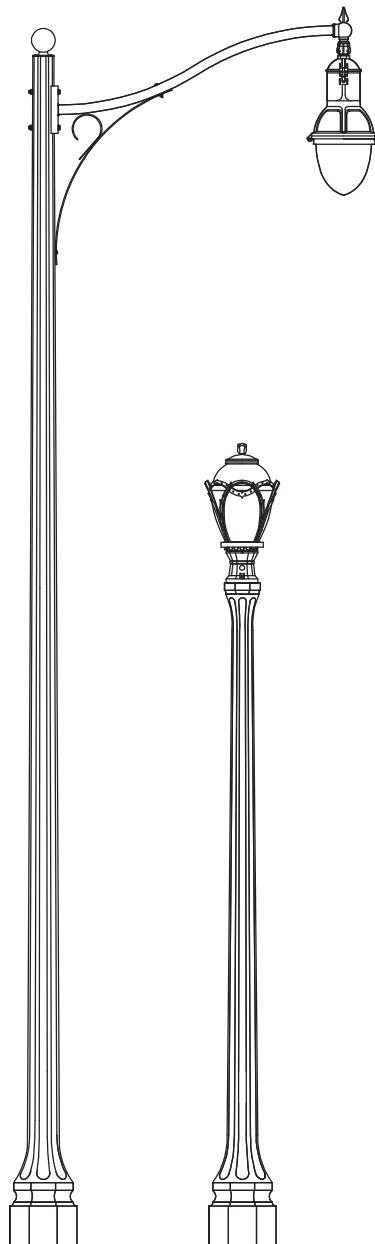
- Mounting Height at 16'
- Initial Footcandle at Grade



- Vertical plane at max Cd horiz. angle 70°
- Horizontal cone at max Cd vert. angle 57°

## THE TALISMAN

With roots firmly established in the 20's and 30's the Talisman is an elegant version of several classic originals. In essence it is an 8 fluted version of the octagonal Belmont with the same graceful lines and proportions; the perfect choice to satisfy the tastes of many. It is available in heights from 5' to 32.5' as well as a lighted and nonlighted bollard.



## Specification Details\*

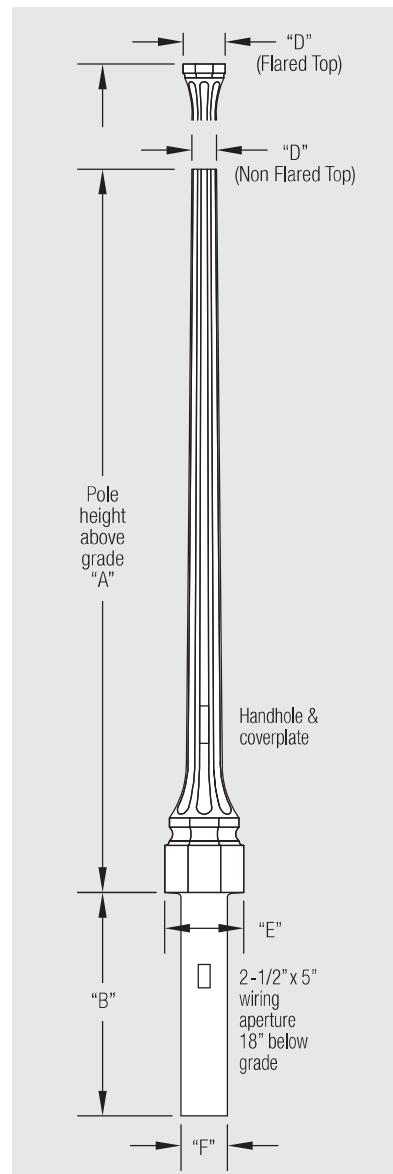
Description	Catalog Number	"A" Pole Height Above Grade	"D" Tip Dimension	"E" Flare	"B" Direct Burial Length & "F" Dia.	Pole Weight Direct Burial	Pole Weight Base Plate
Talisman Flared Top 11'	KT105	11'	9"	18"	4' 6" x 9 1/2"	1200 lbs	1000 lbs
Talisman Non Flared Top 12'	KT12	12' 0"	5 1/2"	18"	4' 6" x 9 1/2"	1300 lbs	1100 lbs
<b>Talisman Flared Top 14'</b>	<b>KT14</b>	<b>13' 11"</b>	<b>9"</b>	<b>18"</b>	<b>4' 6" x 9 1/2"</b>	<b>1370 lbs</b>	<b>1170 lbs</b>
Talisman Non Flared Top 20'	KTH20	20' 0"	5 3/4"	18"	5' 0" x 9 1/2"	1600 lbs	1400 lbs
Talisman Non Flared Top 25'	KTH25	25' 0"	5 3/8"	18"	5' 0" x 9 1/2"	1800 lbs	1600 lbs
Talisman Non Flared Top 20'	KT20	20' 0"	7 3/8"	21"	5' 0" x 12"	2270 lbs	2000 lbs
Talisman Non Flared Top 25'	KT25	25' 0"	6 1/2"	21"	5' 0" x 12"	2470 lbs	2200 lbs
Talisman Non Flared Top 30'	KT30	30' 0"	5 7/8"	21"	5' 0" x 12"	2630 lbs	2360 lbs
Talisman Non Flared Top 33'	KT32.5	32' 6"	5 1/2"	21"	6' 0" x 12"	2720 lbs	2450 lbs

\* Bollard specification details can be found on our website

## How to Catalog for Talisman Concrete Pole

Pole Style	Finish	Footing Details	Coating
KT KTH KT	E – Etched Finish	DB – Direct Buried FBP – Flush Baseplate SBP – Stub Baseplate	NA – Non Acrylic A – Acrylic AG – Anti Graffiti Coating***
<b>KT14</b>	<b>14'</b>	<b>E</b>	<b>AG</b>
<b>Height</b>	<b>Color**</b>	<b>Tenon (Post Top Mount)</b>	<b>Options*</b>
5' - 32' 6"	10 – Midnight Lace 11 – Eclipse Black 30 – Salt & Pepper 40 – Pearl Gray 90 – Saluki bronze	Specify Tenon Size For example 140 30/30 = 2 7/8" OD & 3" long	DR – Duplex Receptacle GFI – Ground Fault Duplex Receptacle SR – 1 Outlet LRN – Ladder Rest BPC – Base Plate Cover AB – Anchor Bolts BA – Banner Arms FH – Flag Holders
<b>E53 Detroit Green</b>			

\* Consult website for full listings. \*\* See decor colors on page 2 for full selection of colors.  
\*\*\*Anti Graffiti Coating is extra, consult factory for more details.

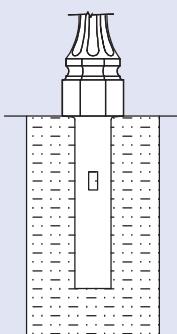


## Footing Details

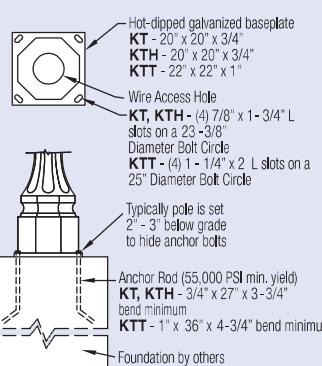
### Direct Buried

(Simple and Cost Effective)

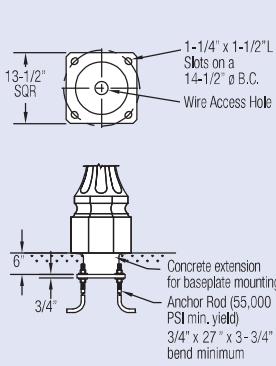
1. Auger the setting hole.
2. Set pole in hole and plumb straight.
3. Backfill\* with required backfill tamping every 4" to 6".



### Baseplate Option 1: FBP



### Baseplate Option 2: SBP



\*Generally the excavated material can be used for backfill, in some situations better backfill may be required.

Typical Pole Cross Section

