



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

# HISTORIC DISTRICT COMMISSION

## CERTIFICATE OF APPROPRIATENESS

**Application Number:** HDC2025-00249

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

**Project Address:** 6325 W Jefferson Ave

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

**Historic District:** Fort Wayne

**Description of Work:**

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

**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 Resolutions 19-04, 19-02, 18-01, 20-03, 21-04, and/or 21-07, 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 Star 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.*



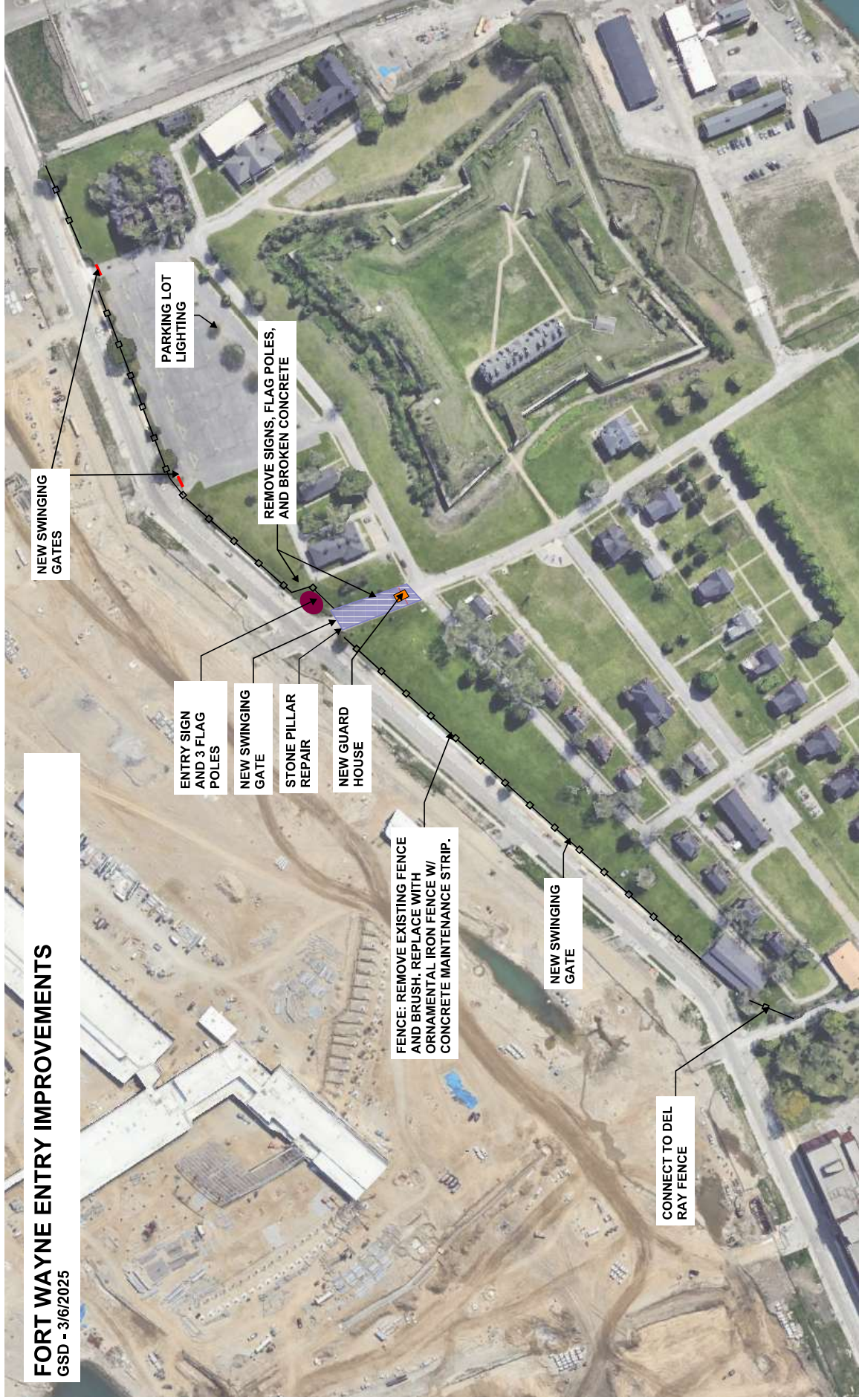
Work Plan: A traffic management plan is a low priority for the City of Detroit as daily use and specific events have varying and individual traffic control needs. The wayfinding signage plans depict directional traffic flow into and out of the Fort.

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 Steet and the RR tracks to use as a parking lot, however, in discussion with HFW, it was rejected do to 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

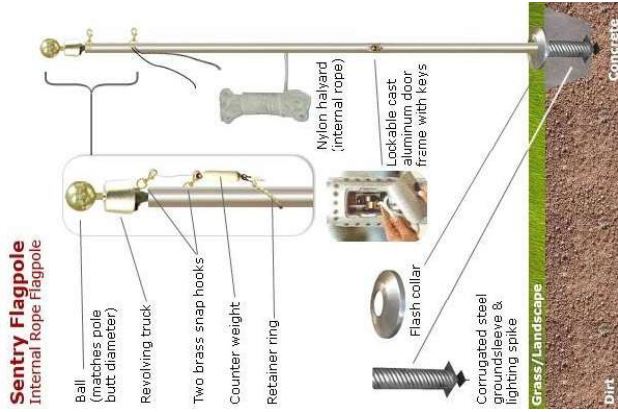


1. Lighting work at parking lot
  - a. Based on discussions between GSD and MDOT
2. Fence Replacement
  - a. Remove and dispose of existing fence and any vegetation
  - b. Install new ornamental iron fencing along the entire Northern edge of Fort Wayne. South side of Jefferson Ave, from Campbell St. 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

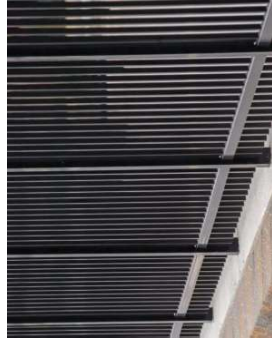
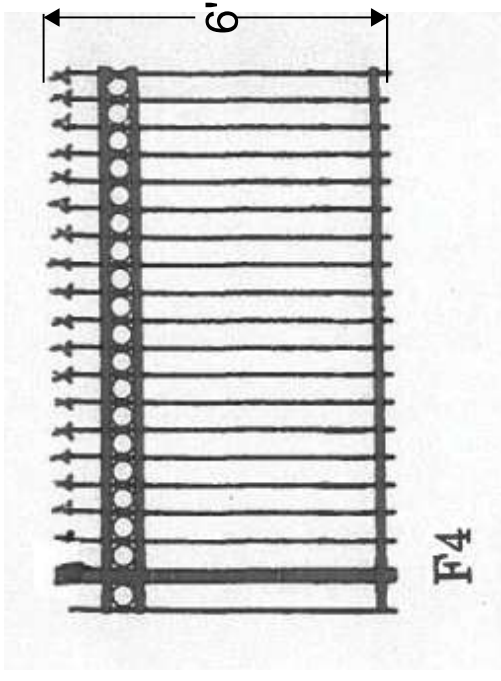




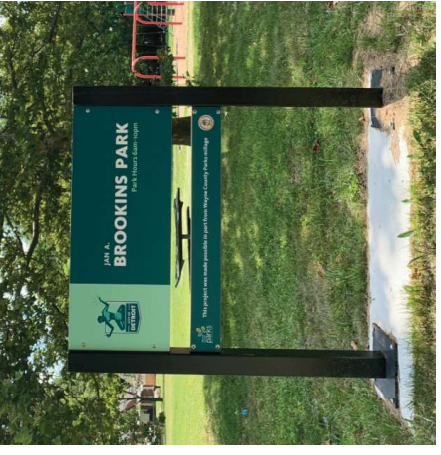
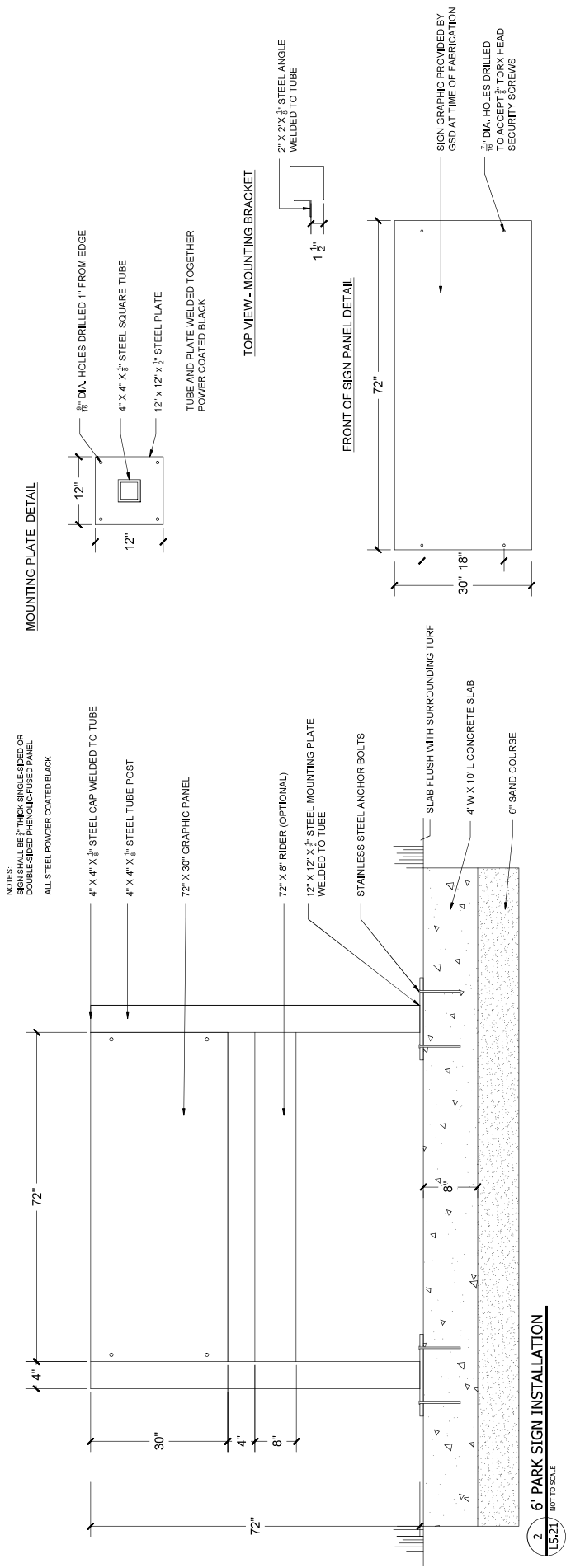
NEW GUARD SHACK



NEW FLAG POLES



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



# GHIB FORT WAYNE LIGHTING & SITE IMPROVEMENTS

# 30% DESIGN

# SHEET INDEX

An aerial photograph of a residential development. A large, light-colored, multi-story apartment building with many windows is the central focus. It is surrounded by green lawns and smaller houses with dark roofs. A winding path or road cuts through the green spaces. In the background, a large body of blue water is visible, with a small white boat on the surface. The overall scene is bright and sunny.

GENERAL NOTES G.1.1	TITLE SHEET GENERAL NOTES AND INFORMATION
ARCHITECTURE	
A.1	OVERALL SITE PLAN
A.2	EXISTING AND PROPOSED MAIN ENTRANCE
A.3	EXISTING AND PROPOSED SIDE ENTRANCE
A.4	ENLARGED SITE PLAN @ OPEN PARKING
A.5	SITE PLAN DETAILS
A.6	SITE PLAN DETAILS
A.7	SITE PLAN DETAILS
A.8	SITE PLAN DETAILS
A.9	SITE PLAN DETAILS
A.10	SITE PLAN DETAILS
A.11	SITE PLAN DETAILS
A.12	SITE PLAN DETAILS
A.13	SITE PLAN DETAILS
A.14	SITE PLAN DETAILS
A.15	SITE PLAN DETAILS
A.16	SITE PLAN DETAILS



PROJECT LOCATION

DLZ PROJECT NO. 1641-674700

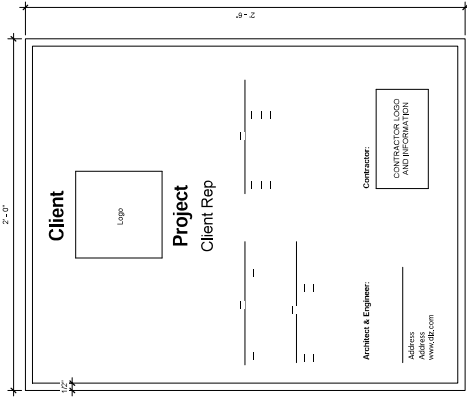
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 ARCHITECT/ENGINEER:  
DLZ Florida, LLC  
NA  
NA  
Ph: NA  
[www.dlz.com](http://www.dlz.com)

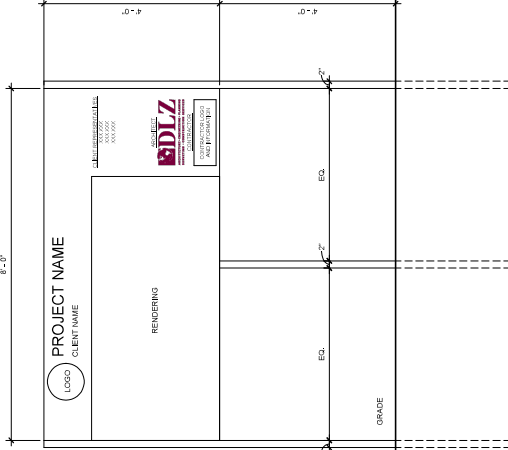
PRINCIPAL ARCHITECT		SITE DEVELOPMENT		CIVIL (STRUCT.)	CIVIL (UTILITIES)	ARCHITECTURAL	STRUCTURAL	MECHANICAL	ELECTRICAL
Eric Swartz, AIA, LEED AP		L.A. Hill, P.E.		Civil Engineer (Struct.) of Record	Civil Engineer (Sewer) of Record	Architect of Record	Christy A. Van Luchene, P.E., SE	Nathaniel Emerson, M.A.S.C., of Record	Jeremy Holmes, PE



DEDICATION PLAQUE



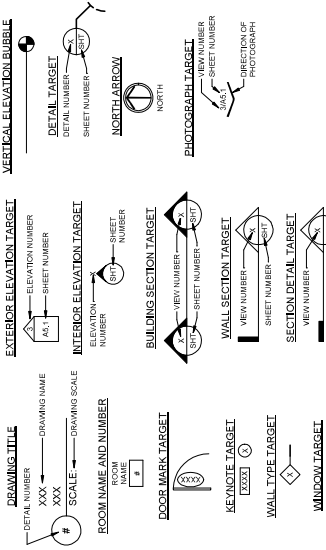
PROJECT SIGN



RENDERINGS SHALL BE DIGITALLY PRINTED GRAPHICS AND LETTERING ON 6MM ALUMINUM COMPOSITE BOARD. SUPPORT BY THREE STANDARD 2" SQUARE TUBULAR GALVANIZED POSTS.

- 1. CONTRACTOR SHALL FURNISH AND INSTALL (1) PROJECT SIGN.
- 2. SUBMIT COLOR SIGN PROOF TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
- 3. SUBMIT COLOR SIGN PROOF TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
- 4. SIGN SHALL BE THE COLOR OF THE COLOR WHITE.
- 5. BACKGROUND SHALL BE THE COLOR WHITE.

SYMBOLS



GENERAL NOTES

- A. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL CODES AND REGULATIONS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
  - 1. ALL ELECTRICAL, MECHANICAL, AND PLUMBING WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL MECHANICAL CODE (NMC), AND NATIONAL PLUMBING CODE (NPC).
  - 2. ALL ELECTRICAL, MECHANICAL, AND PLUMBING WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL MECHANICAL CODE (NMC), AND NATIONAL PLUMBING CODE (NPC).
  - 3. ALL ELECTRICAL, MECHANICAL, AND PLUMBING WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL MECHANICAL CODE (NMC), AND NATIONAL PLUMBING CODE (NPC).
- B. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO SUBMITTING A BID OR BEGINNING ANY WORK. CONDITIONS FOUND TO BE IN VIOLATION OF THE INFORMATION IN THE DRAWINGS OR PROJECT MANUAL SHALL BE SUBMITTED TO THE ARCHITECT IN WRITING FOR CLARIFICATION.
- C. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO BEGINNING ANY WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO BEGINNING ANY WORK.
- D. PREPARE WORK ITEMS SHALL BE COORDINATED AND INTERFERED WITH ALL OTHER TRADES TO ALLOW FOR NEW CONSTRUCTION AND REPAIRS TO EXISTING CONDITIONS.
- E. REFER TO DRAWINGS OF EXISTING CONDITIONS FOR ADDITIONAL GENERAL NOTES AND INFORMATION INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
  - 1. DEVELOPMENT, ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, PRE-PROTECTION AND ELECTRICAL.
  - 2. DEVELOPMENT, ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, PRE-PROTECTION AND ELECTRICAL.
  - 3. DEVELOPMENT, ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, PRE-PROTECTION AND ELECTRICAL.
- F. CONTRACTOR IS RESPONSIBLE FOR ALL WORK IDENTIFIED ON ALL DRAWINGS AND INFORMATION IN THE PROJECT MANUAL AS A COMPLETE OBLIGATION. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO BEGINNING ANY WORK.
- G. FIELD VERIFY ALL ACTUAL CONDITIONS OF EXISTING UNDERGROUND UTILITIES, STRUCTURES, WATER LINES, STORM AND SANITARY LINES, GAS LINES, ELECTRICAL CONDUIT, AND OTHER UNDERGROUND UTILITIES PRIOR TO PERFORMING EXCAVATION, OR UTILITY WORK, OR ANY OTHER WORK THAT MAY INVOLVE EXCAVATION OR UTILITY WORK.
- H. LOCATE ALL TEMPORARY FACILITIES SHALL BE COORDINATED WITH OWNER AND ARCHITECT PRIOR TO MOBILIZATION ON SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO BEGINNING ANY WORK.
- I. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MISCELLANEOUS BLOCKING REQUIRED FOR INSTALLATION OF ALL BUILDING COMPONENTS INCLUDING BUT NOT LIMITED TO BRIMMING, HITCHES, EQUIPMENT, HARDWARE, BRACKET, AND OWNER-PROVIDED EQUIPMENT. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL MISCELLANEOUS BLOCKING REQUIRED FOR INSTALLATION OF ALL BUILDING COMPONENTS INCLUDING BUT NOT LIMITED TO BRIMMING, HITCHES, EQUIPMENT, HARDWARE, BRACKET, AND OWNER-PROVIDED EQUIPMENT.
- J. CONTRACTOR IS RESPONSIBLE TO PROVIDE A COMPLETE, UNIFORM, AND WEATHER-TIGHT ASSEMBLY AS REQUIRED TO ACCOMPLISH THE DESIGN INTENT.
- K. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL NECESSARY ACCESSORIES FOR ALL WALLS AND CEILING AND FLOOR SERVICES OR AS NECESSARY TO REMAIN IN PLACE WHERE APPLICABLE. ACCESS DOORS SHALL MATCH THE PRE-RATING OF THE WALL ASSEMBLY.
- L. CONTRACTOR SHALL PROVIDE ACCESS DOORS IN ALL WALLS AND CEILING AND FLOOR SERVICES OR AS NECESSARY TO REMAIN IN PLACE WHERE APPLICABLE. ACCESS DOORS SHALL MATCH THE PRE-RATING OF THE WALL ASSEMBLY.
- M. WHERE DISCREPANCIES EXIST IN THE CONTRACT DOCUMENTS INCLUDING DISCREPANCIES BETWEEN DRAWINGS AND PROJECT MANUAL, PRECEDENCE OVER THE OTHER, ANY ACTION THE CONTRACTOR TAKES PRIOR TO NOTIFICATION IN WRITING SHALL BE SOLELY AT THE CONTRACTOR'S RISK.
- N. CONTRACTOR SHALL MAINTAIN A WEATHER-TIGHT AND AIR-TIGHT BUILDING ENVELOPE. ALL JOINTS AND PENETRATIONS SHALL BE SEALED, GASKETED, OR JOINTS AROUND PENETRATIONS AND DOOR FRAMES.
- O. CONTRACTOR SHALL MAINTAIN A WEATHER-TIGHT AND AIR-TIGHT BUILDING ENVELOPE. ALL JOINTS AND PENETRATIONS SHALL BE SEALED, GASKETED, OR JOINTS AROUND PENETRATIONS AND DOOR FRAMES.
- P. CONTRACTOR SHALL MAINTAIN A WEATHER-TIGHT AND AIR-TIGHT BUILDING ENVELOPE. ALL JOINTS AND PENETRATIONS SHALL BE SEALED, GASKETED, OR JOINTS AROUND PENETRATIONS AND DOOR FRAMES.
- Q. COORDINATE WITH OTHER CONSTRUCTION ACTIVITIES AND CONSTRUCTION SEQUENCING WITH OTHER PROJECT(S) AND WORK BEING PERFORMED CONCURRENTLY ON-SITE.
- R. BUILDING ELEVATION 100'-0" EQUALS SITE ELEVATION.
- S. CONTRACTOR TO PROTECT ALL ITEMS WITHIN THE CONSTRUCTION LIMITS INCLUDING SITE ELEMENTS THAT ARE DESIGNATED TO REMAIN. ITEMS TO BE REMOVED SHALL BE IDENTIFIED IN THE DRAWINGS AND PROJECT MANUAL.
- T. ALL PENETRATIONS AND JOINTS IN THE WALL, WALL ASSEMBLY, AND FLOORING ASSEMBLY SHALL BE SEALED WITH THE FOLLOWING SYSTEM OR PENETRATIVE JOINT SYSTEM WHICH IS THE MOST APPROPRIATE FOR THE SPECIFIC APPLICATION BASED ON THE TYPE OF ASSEMBLY AND TYPE OF PENETRATING ELEMENT. SYSTEMS SHALL BE UL-LISTED FOR EACH APPLICATION.
- U. ALL BUILDING MATERIALS FOR GROUNDWORK AND FLOORING SHALL BE SEALED BY THE MANUFACTURER WITH AN ELASTIC JOINT SEALANT. CONTRACTOR SHALL MAINTAIN A WEATHER-TIGHT AND AIR-TIGHT BUILDING ENVELOPE. ALL JOINTS AND PENETRATIONS SHALL BE SEALED, GASKETED, OR JOINTS AROUND PENETRATIONS AND DOOR FRAMES.
- V. THESE DRAWINGS SHALL NOT BE SEALED TO OBTAIN DIMENSIONS. IF THE DIMENSIONS CANNOT BE DETERMINED BY THE INFORMATION ON THE DRAWINGS, CONTRACTOR SHALL MAINTAIN A WEATHER-TIGHT AND AIR-TIGHT BUILDING ENVELOPE. ALL JOINTS AND PENETRATIONS SHALL BE SEALED, GASKETED, OR JOINTS AROUND PENETRATIONS AND DOOR FRAMES.
- W. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY DOWELING ACTIVITIES AS PART OF THE BASE BID AMOUNT.

ABBREVIATIONS

ABBREVIATIONS:		SYMBOLS:		ABBREVIATIONS:		SYMBOLS:		ABBREVIATIONS:		SYMBOLS:	
ANCHOR BOLT	AB	AREA FINISH	AF	AREA DRAIN	AD	AREA FINISH FLOOR	AF	AREA FINISH FLOOR	AF	AREA FINISH FLOOR	AF
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AREA FINISH FLOOR	AF	AREA FINISH FLOOR	AF	AREA FINISH FLOOR							

[illegible]

1641-674700

ENLARGED SITE PLAN @ MAIN ENTRANCE

FOR FURTHER LIGHTING & SITE IMPROVEMENTS

ARCHITECTURE

A1.0

DRAWING NUMBER	DET-1011
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EXISTING TO BE REMOVED  
EXISTING CONCRETE & ASPHALT TO BE REMOVED  
EXISTING TO REMAIN

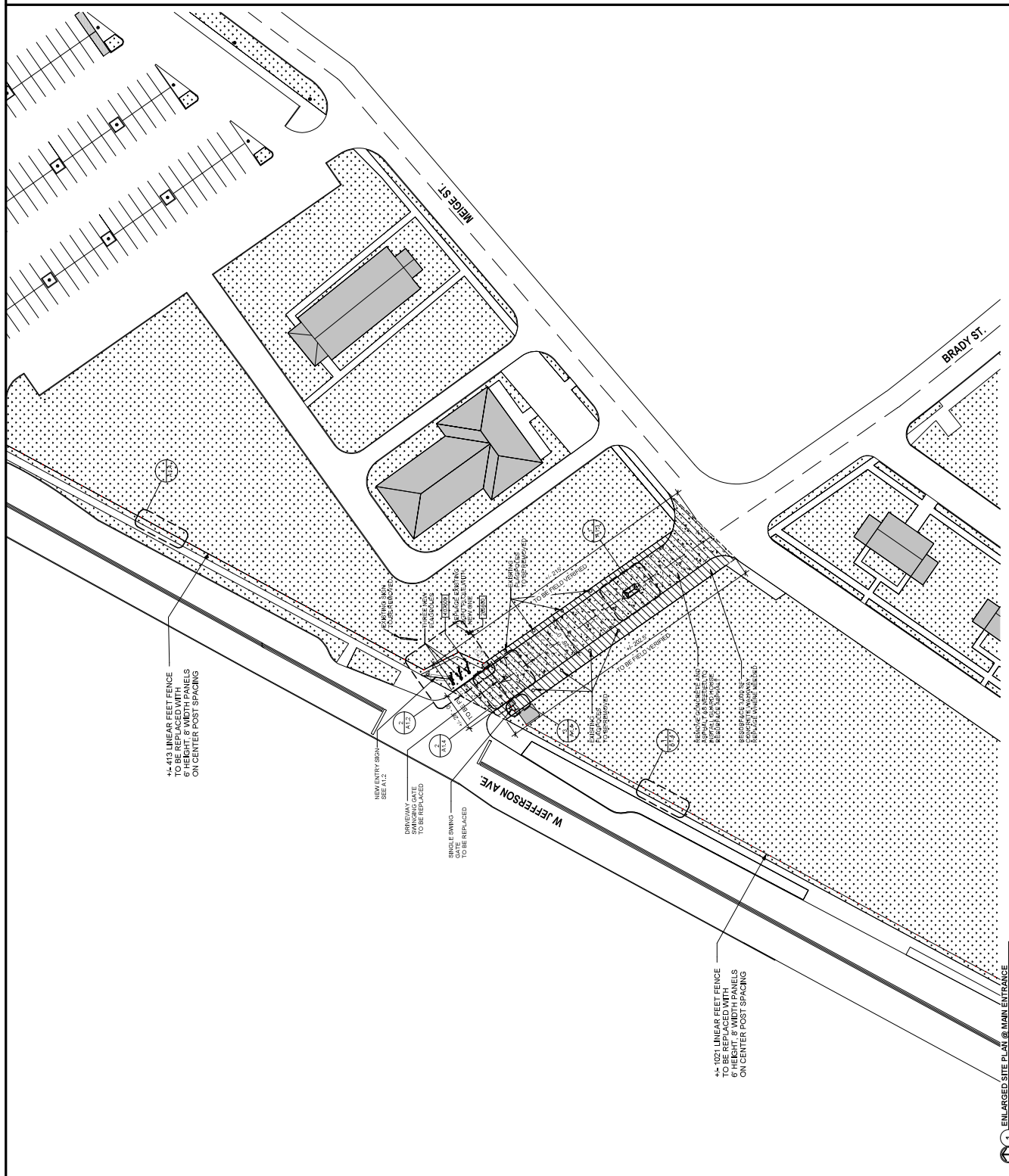
**LEGEND:**

**GENERAL NOTES:**

- [illegible]

## KEYNOTES

107500 GROUND-SET FLAGPOLES  
265600 EXTERIOR LIGHTING, LIGHTING POLES AND STANDARDS



1 ENLARGED SITE PLAN @ MAIN ENTRANCE  
SCALE: 1/32" = 1'-0"

**Site**

1

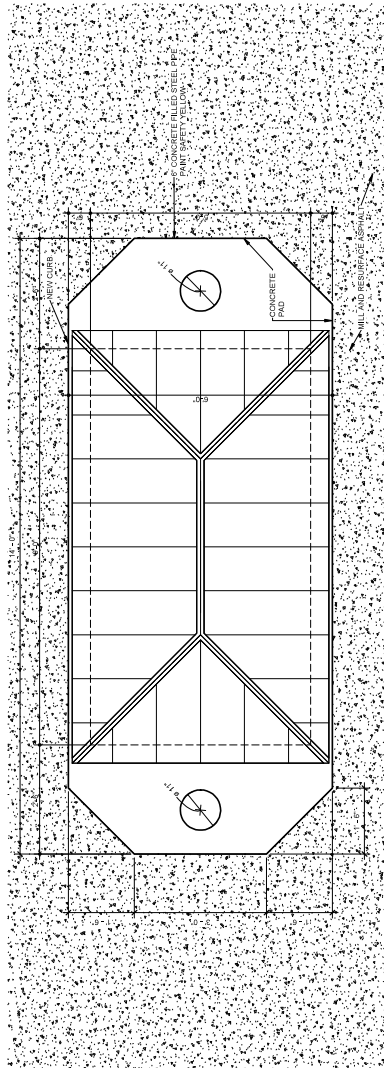
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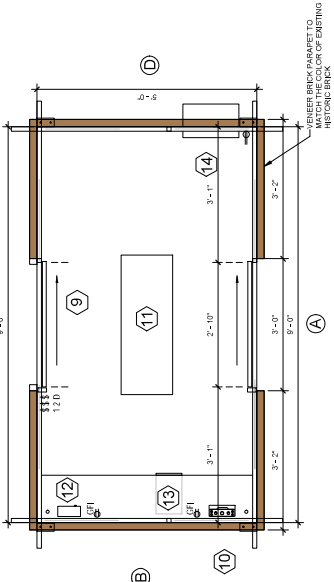




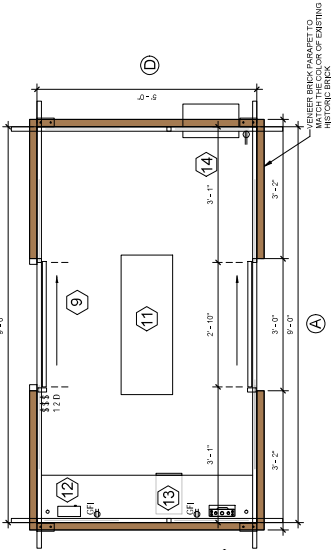
GENERAL NOTES:  
A. REFER TO G-1 FOR ADDITIONAL GENERAL NOTES AND INFORMATION.



1 GUARD HOUSE  
SCALE: 3/4" = 1'-0"



2 GUARD HOUSE ELEVATION A  
SCALE: 3/4" = 1'-0"



3 GUARD HOUSE ELEVATION B  
SCALE: 3/4" = 1'-0"



4 GUARD HOUSE ELEVATION C  
SCALE: 3/4" = 1'-0"



5 GUARD HOUSE ELEVATION D  
SCALE: 3/4" = 1'-0"



6 GUARD HOUSE ELEVATION E  
SCALE: 3/4" = 1'-0"



7 GUARD HOUSE ELEVATION F  
SCALE: 3/4" = 1'-0"



8 GUARD HOUSE ELEVATION G  
SCALE: 3/4" = 1'-0"



9 GUARD HOUSE ELEVATION H  
SCALE: 3/4" = 1'-0"



10 GUARD HOUSE ELEVATION I  
SCALE: 3/4" = 1'-0"



11 GUARD HOUSE ELEVATION J  
SCALE: 3/4" = 1'-0"



12 GUARD HOUSE ELEVATION K  
SCALE: 3/4" = 1'-0"



13 GUARD HOUSE ELEVATION L  
SCALE: 3/4" = 1'-0"



14 GUARD HOUSE ELEVATION M  
SCALE: 3/4" = 1'-0"



15 GUARD HOUSE ELEVATION N  
SCALE: 3/4" = 1'-0"



16 GUARD HOUSE ELEVATION O  
SCALE: 3/4" = 1'-0"



17 GUARD HOUSE ELEVATION P  
SCALE: 3/4" = 1'-0"



18 GUARD HOUSE ELEVATION Q  
SCALE: 3/4" = 1'-0"



19 GUARD HOUSE ELEVATION R  
SCALE: 3/4" = 1'-0"



20 GUARD HOUSE ELEVATION S  
SCALE: 3/4" = 1'-0"



21 GUARD HOUSE ELEVATION T  
SCALE: 3/4" = 1'-0"



22 GUARD HOUSE ELEVATION U  
SCALE: 3/4" = 1'-0"



23 GUARD HOUSE ELEVATION V  
SCALE: 3/4" = 1'-0"



24 GUARD HOUSE ELEVATION W  
SCALE: 3/4" = 1'-0"



25 GUARD HOUSE ELEVATION X  
SCALE: 3/4" = 1'-0"



26 GUARD HOUSE ELEVATION Y  
SCALE: 3/4" = 1'-0"



27 GUARD HOUSE ELEVATION Z  
SCALE: 3/4" = 1'-0"



28 GUARD HOUSE ELEVATION AA  
SCALE: 3/4" = 1'-0"



29 GUARD HOUSE ELEVATION AB  
SCALE: 3/4" = 1'-0"



30 GUARD HOUSE ELEVATION AC  
SCALE: 3/4" = 1'-0"



31 GUARD HOUSE ELEVATION AD  
SCALE: 3/4" = 1'-0"



32 GUARD HOUSE ELEVATION AE  
SCALE: 3/4" = 1'-0"



33 GUARD HOUSE ELEVATION AF  
SCALE: 3/4" = 1'-0"



34 GUARD HOUSE ELEVATION AG  
SCALE: 3/4" = 1'-0"



35 GUARD HOUSE ELEVATION AH  
SCALE: 3/4" = 1'-0"



36 GUARD HOUSE ELEVATION AI  
SCALE: 3/4" = 1'-0"



37 GUARD HOUSE ELEVATION AJ  
SCALE: 3/4" = 1'-0"



38 GUARD HOUSE ELEVATION AK  
SCALE: 3/4" = 1'-0"



39 GUARD HOUSE ELEVATION AL  
SCALE: 3/4" = 1'-0"



40 GUARD HOUSE ELEVATION AM  
SCALE: 3/4" = 1'-0"



41 GUARD HOUSE ELEVATION AN  
SCALE: 3/4" = 1'-0"



42 GUARD HOUSE ELEVATION AO  
SCALE: 3/4" = 1'-0"



43 GUARD HOUSE ELEVATION AP  
SCALE: 3/4" = 1'-0"



44 GUARD HOUSE ELEVATION AQ  
SCALE: 3/4" = 1'-0"



45 GUARD HOUSE ELEVATION AR  
SCALE: 3/4" = 1'-0"



46 GUARD HOUSE ELEVATION AS  
SCALE: 3/4" = 1'-0"



47 GUARD HOUSE ELEVATION AT  
SCALE: 3/4" = 1'-0"



48 GUARD HOUSE ELEVATION AU  
SCALE: 3/4" = 1'-0"



49 GUARD HOUSE ELEVATION AV  
SCALE: 3/4" = 1'-0"



50 GUARD HOUSE ELEVATION AW  
SCALE: 3/4" = 1'-0"



51 GUARD HOUSE ELEVATION AX  
SCALE: 3/4" = 1'-0"



52 GUARD HOUSE ELEVATION AY  
SCALE: 3/4" = 1'-0"



53 GUARD HOUSE ELEVATION AZ  
SCALE: 3/4" = 1'-0"



54 GUARD HOUSE ELEVATION BA  
SCALE: 3/4" = 1'-0"



55 GUARD HOUSE ELEVATION BB  
SCALE: 3/4" = 1'-0"



56 GUARD HOUSE ELEVATION BC  
SCALE: 3/4" = 1'-0"



57 GUARD HOUSE ELEVATION BD  
SCALE: 3/4" = 1'-0"



58 GUARD HOUSE ELEVATION BE  
SCALE: 3/4" = 1'-0"



59 GUARD HOUSE ELEVATION BF  
SCALE: 3/4" = 1'-0"



60 GUARD HOUSE ELEVATION BG  
SCALE: 3/4" = 1'-0"



61 GUARD HOUSE ELEVATION BH  
SCALE: 3/4" = 1'-0"



62 GUARD HOUSE ELEVATION BI  
SCALE: 3/4" = 1'-0"



63 GUARD HOUSE ELEVATION BJ  
SCALE: 3/4" = 1'-0"



64 GUARD HOUSE ELEVATION BK  
SCALE: 3/4" = 1'-0"



65 GUARD HOUSE ELEVATION BL  
SCALE: 3/4" = 1'-0"



66 GUARD HOUSE ELEVATION BM  
SCALE: 3/4" = 1'-0"



67 GUARD HOUSE ELEVATION BN  
SCALE: 3/4" = 1'-0"



68 GUARD HOUSE ELEVATION BO  
SCALE: 3/4" = 1'-0"



69 GUARD HOUSE ELEVATION BP  
SCALE: 3/4" = 1'-0"



70 GUARD HOUSE ELEVATION BQ  
SCALE: 3/4" = 1'-0"



71 GUARD HOUSE ELEVATION BR  
SCALE: 3/4" = 1'-0"



72 GUARD HOUSE ELEVATION BS  
SCALE: 3/4" = 1'-0"



73 GUARD HOUSE ELEVATION BT  
SCALE: 3/4" = 1'-0"



74 GUARD HOUSE ELEVATION BU  
SCALE: 3/4" = 1'-0"



75 GUARD HOUSE ELEVATION BV  
SCALE: 3/4" = 1'-0"



76 GUARD HOUSE ELEVATION BW  
SCALE: 3/4" = 1'-0"



77 GUARD HOUSE ELEVATION BX  
SCALE: 3/4" = 1'-0"



78 GUARD HOUSE ELEVATION BY  
SCALE: 3/4" = 1'-0"



79 GUARD HOUSE ELEVATION BZ  
SCALE: 3/4" = 1'-0"



80 GUARD HOUSE ELEVATION CA  
SCALE: 3/4" = 1'-0"



81 GUARD HOUSE ELEVATION CB  
SCALE: 3/4" = 1'-0"



82 GUARD HOUSE ELEVATION CC  
SCALE: 3/4" = 1'-0"



83 GUARD HOUSE ELEVATION CD  
SCALE: 3/4" = 1'-0"



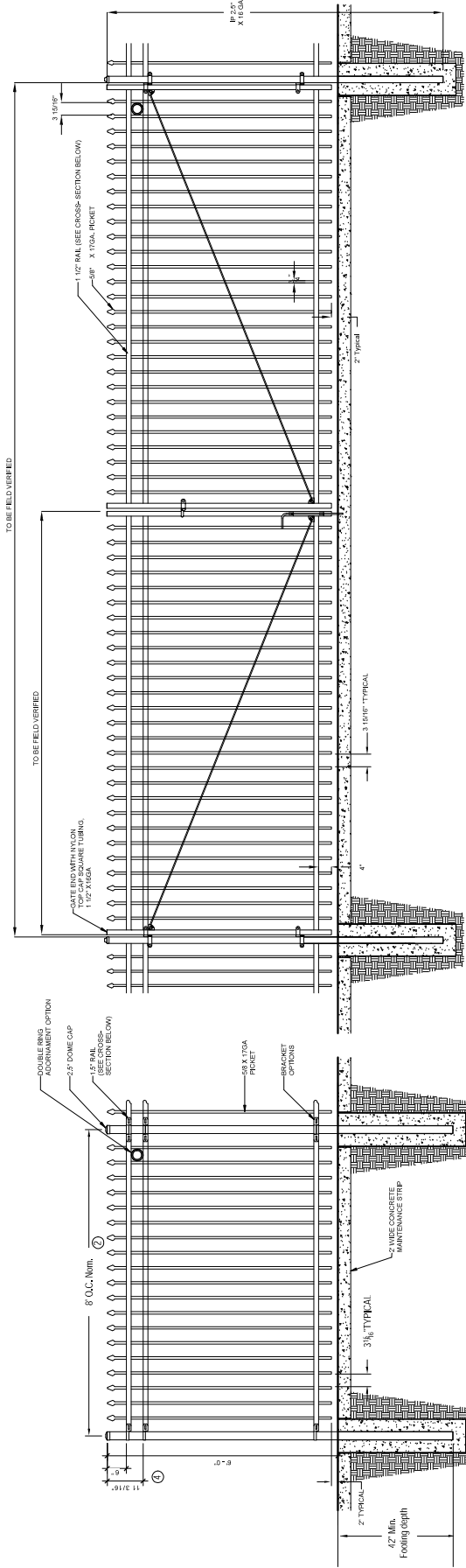
84 GUARD HOUSE ELEVATION CE  
SCALE: 3/4" = 1'-0"



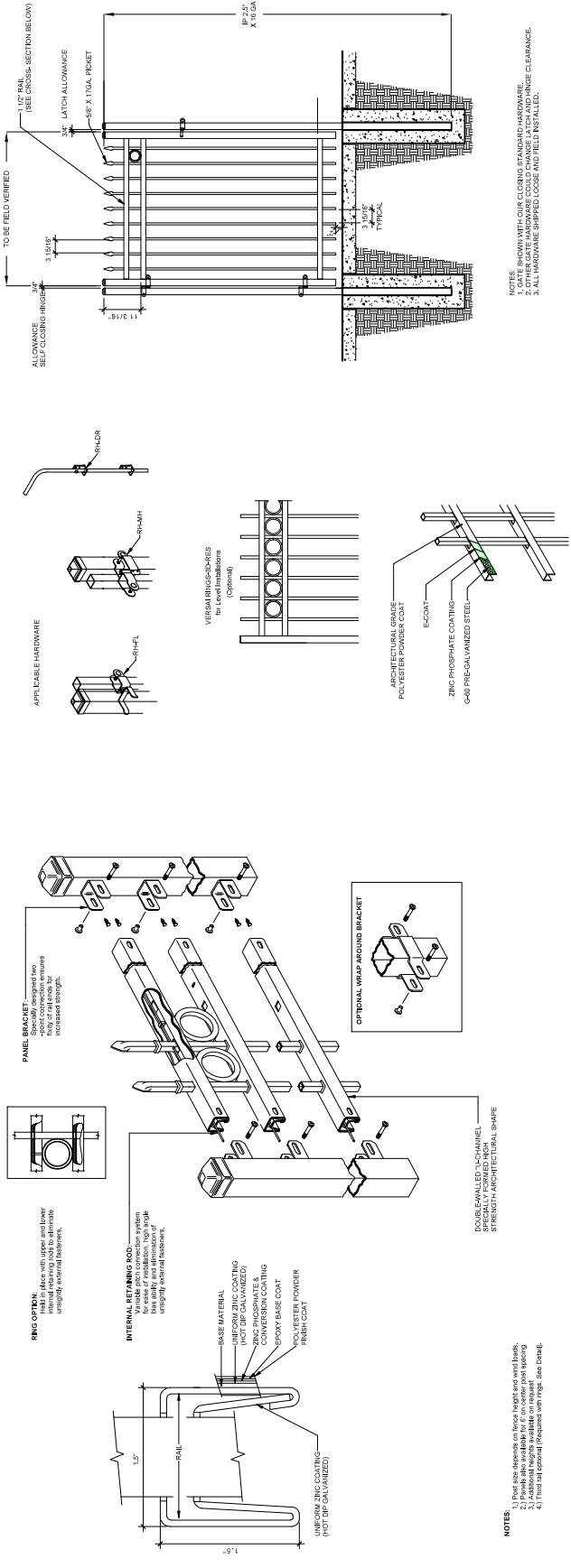
85 GUARD HOUSE ELEVATION CF  
SCALE: 3/4" = 1'-0"

GENERAL NOTES:

A. REFER TO G-1 FOR ADDITIONAL GENERAL NOTES AND REVISIONS.



2 ORNAMENTAL DRIVEWAY SWINGING GATE  
SCALE: 3/4" = 1'-0"



NOTES:  
1. GATE SHOWN WITH OUR CLOSING STANDARD HARDWARE.  
2. OTHER GATE HARDWARE COULD CHANGE LATCH AND HINGE CLEARANCE.  
3. ALL HARDWARE SHIPPED LOOSE AND FIELD INSTALLED.

3 ORNAMENTAL IRON SWING GATE  
SCALE: 3/4" = 1'-0"

NOTES:  
1. Price lists depends on fence height and end bails.  
2. Additional height available on request.  
3. Additional height available on request.  
4. Third rail optional (requires with 1/2 inch. See Detail).

1 ORNAMENTAL IRON FENCE W/ CONCRETE  
MAINTENANCE STRIP  
SCALE: 3/4" = 1'-0"





















ELECTRICAL

E1.1

DRAWING NUMBER

DETROIT

ELECTRICAL SITE PLAN ENLARGED

GHB FORT WAYNE LIGHTING & SITE IMPROVEMENTS

EGIS-BLN

DATE: 08/15/2019

PROJECT NUMBER: 1641-674700

DESIGNED: Designer

DATE: 08/15/2019

APPROVED: Approver

DATE: 08/15/2019

NO.

REVISION

DATE

CHK'D

DATE

1641-674700

PROJECT NUMBER

1641-674700

PROJECT NUMBER

DLZ

DLZ Florida, LLC

ARCHITECTURE • ENGINEERING • PLANNING

SURVEYING • CONSTRUCTION SERVICES

KEYNOTES

022068

NEW LIGHTING FIXTURES AND FEEDERS TO SUPPLY NEW GUARDHOUSE PANEL.

GENERAL NOTES

A. REFER TO SHEET E1.1 FOR ADDITIONAL GENERAL NOTES AND INFORMATION.

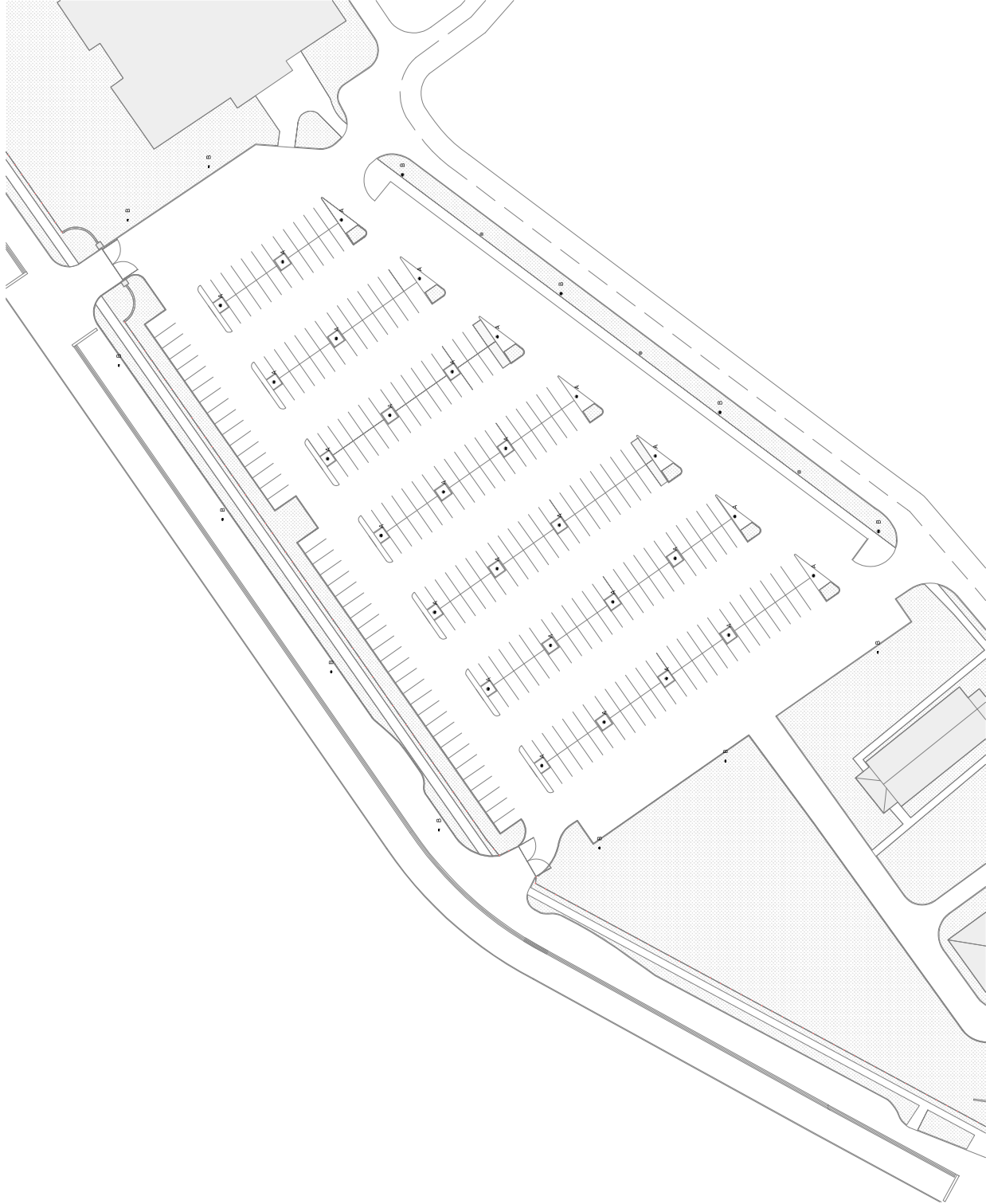
B. FIELD VERIFY POWER SOURCE FOR EXTERIOR LIGHTING.

The diagram is a detailed electrical site plan for a facility. It shows several building footprints, including a large central building and several smaller structures. A parking lot is located to the left of the main building. The plan includes proposed lighting fixtures, indicated by small circles with lines pointing to them. Annotations include 'NEW GUARDHOUSE' and 'NEW GUARDHOUSE PANEL'. The plan is oriented with North at the top, as indicated by a north arrow in the bottom right corner. The scale is 1/8" = 1'-0".

AutoDesk Docs // 1641-674700 GHB Site Improvements/1641-674700 GHB Site  
1641-674700 GHB Site Improvements/1641-674700 GHB Site  
1641-674700 GHB Site Improvements/1641-674700 GHB Site

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

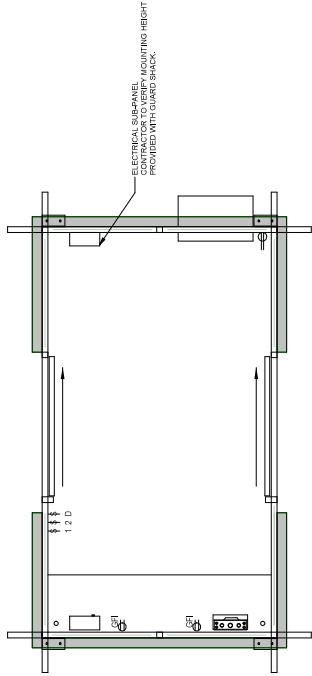
**KEYNOTES**



1 ELECTRICAL SITE PLAN @ OPEN PARKING  
SCALE: 1/8" = 1'-0"  
NORTH

DATE:	NOV 10, 2020
APPROVED:	DESIGNED:
DATE:	DATE:
NO.	NO.
REVISION	REVISION
DATE	DATE

NOTES:  
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. GUARD SHACK TURNED WITH ELECTRICAL DEVICES BY VENDOR.



1 GUARD HOUSE ELECTRICAL PLAN  
SCALE: 1" = 1'-0"

PROJECT NUMBER  
1641-674700

DATE: MONTH XX, XXXX

APPROVED: [Signature]

DESIGNED: [Signature]

DRAWN: [Signature]

CHECKED: [Signature]

NO. \_\_\_\_\_

REVISION \_\_\_\_\_

DATE \_\_\_\_\_

DETAILS - 1

GHIB FORT WAYNE LIGHTING & SITE IMPROVEMENTS

EGIS-BLN

DETROIT

ELECTRICAL

E5.1

DRAWING NUMBER

ARCHITECTURE • CONSTRUCTION • PLANNING

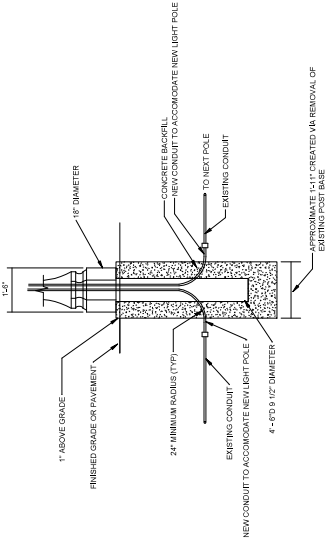
DLZ Florida, LLC

DLZ

GENERAL NOTES

A. REFER TO SHEETS E0.1, AND E0.1 FOR ADDITIONAL GENERAL NOTES.

B. FIELD VERIFY POWER SOURCE FOR EXTERIOR LIGHTING.



1 LIGHT POLE CONCRETE FOUNDATION DETAIL  
SCALE: 1/2" = 1'-0"  
NORTH


**GENERAL NOTES**

A. REFER TO SHEETS E6.1 AND E6.2 FOR ADDITIONAL GENERAL NOTES.

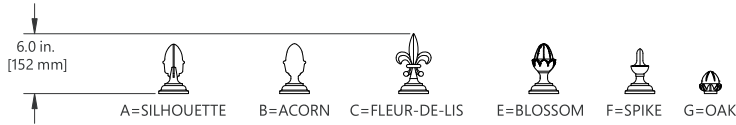
B. FIELD VERIFY POWER SOURCE FOR EXTERIOR LIGHTING.

LIGHTING FIXTURE SCHEDULE				
TYPE	LAMP	WATTAGE	VOLTS	MANUFACTURER 1
A	LED	99 W	120VOLT	POLE MOUNTED ARCHITECTURAL AREA LIGHT, DECORAT ALUMINUM HOUSING, ACRYLIC LENS
B	LED	99 W	120VOLT	POLE MOUNTED ARCHITECTURAL AREA LIGHT, DECORAT ALUMINUM HOUSING, ACRYLIC LENS

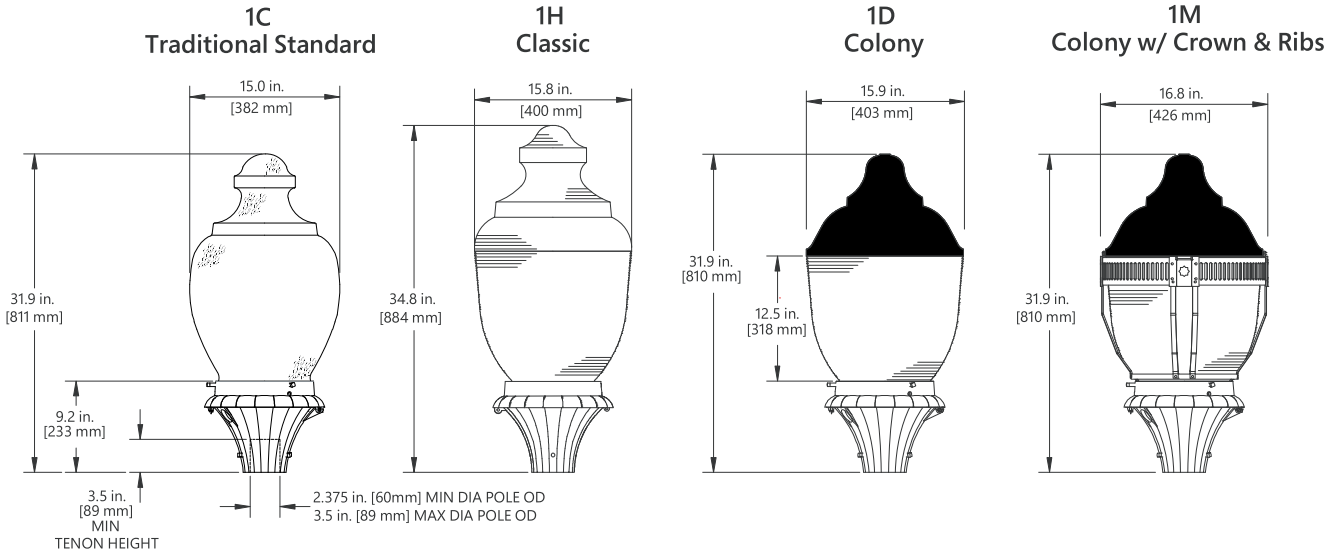
NOTE: CONTRACTOR TO VERIFY VOLTAGE OF EXISTING LIGHT POLE CIRCUIT

Branch Panel: GUARD SHA...									
Notes:					Notes:				
Location: Supply From:  SURFACE Boulding: Surface Endurance: 1					Notes:				
Phases: 1					Notes:				
Wires: 3					Notes:				
A.L.C. Rating: 100A					Notes:				
Main Type: MLO					Notes:				
Main Rating: 125 A					Notes:				
Main Rating: 0 A					Notes:				
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### FINIAL



### GLOBE



### Weight

- < 20 lbs (9.07 kgs)

### Effective Projected Area

- 1.4 sq ft max (0.13 sq M max)

### 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

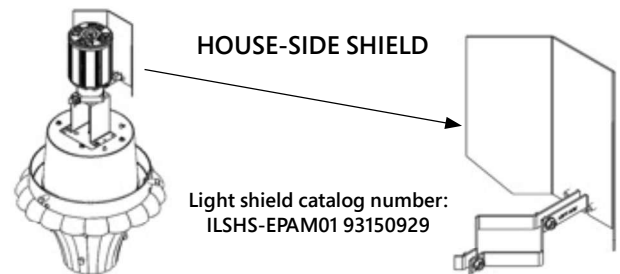
### Available Finials if ordered separately

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

### 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







## 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.



### 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

☐ 5 Year (Standard) ☐ 10 Year (Optional)

### 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° -40°	50° 40°	02 to 10 12
<b>1D</b>	-40° -40°	50° 45°	02 to 08 10
<b>1M</b>	-40° -40°	50° 45°	02 to 06 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
- Antique Streetscapes
- Parks and Pathways
- University and Business Campuses



Not all product variations listed on this page are DLC qualified. Visit [www.designlights.org/search](http://www.designlights.org/search) to confirm qualifications.

### 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

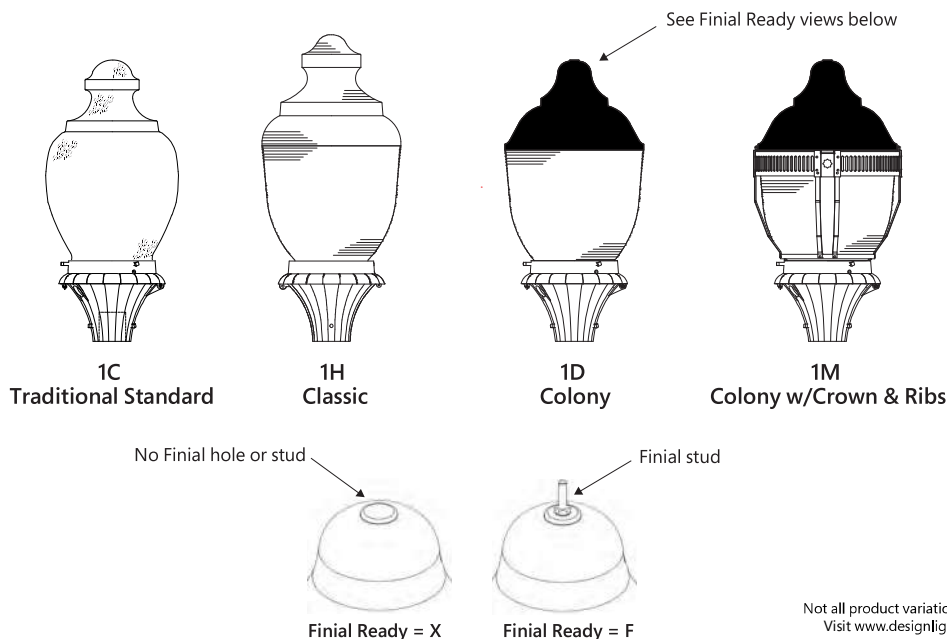
<sup>6</sup> Only available with 1C Globe

<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



Not all product variations listed on this page are DLC qualified.  
Visit [www.designlights.org/search](http://www.designlights.org/search) to confirm qualifications.

LUMEN OUTPUT	DIST. CODE	GLOBE	GLOBE MATERIAL	TYPICAL INITIAL LUMENS		TYPICAL SYSTEM WATTAGE 120-277V	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 (≥10k) @ HOURS		
				4000K	3000K	120-277V	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

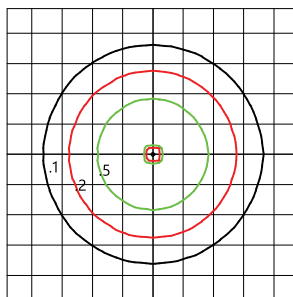
For additional information on EPAM IES files, please refer to [LED.com](http://LED.com)



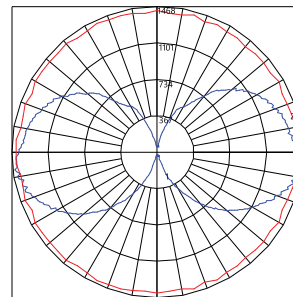
Not all product variations listed on this page are DLC qualified.  
Visit [www.designlights.org/search](http://www.designlights.org/search) to confirm qualifications.

**EPAM**  
**Symmetric**

12,600 Lumens  
4000K  
EPAM01\_12A40-1CA\_\_IES



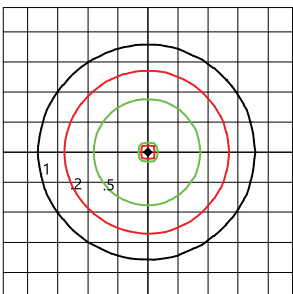
- Mounting Height at 16'
- Initial Footcandle at Grade



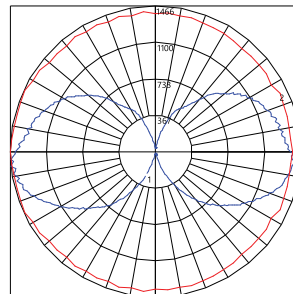
- Vertical plane at max Cd horiz. angle 5°
- Horizontal cone at max Cd vert. angle 87°

**EPAM**  
**Symmetric**

12,100 Lumens  
4000K  
EPAM01\_12A40-1CP\_\_IES



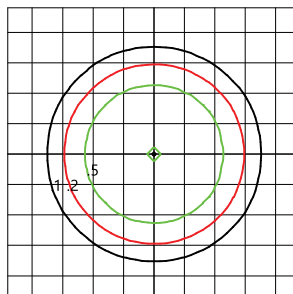
- Mounting Height at 16'
- Initial Footcandle at Grade



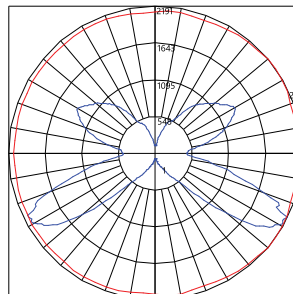
- Vertical plane at max Cd horiz. angle 180°
- Horizontal cone at max Cd vert. angle 84°

**EPAM**  
**Symmetric**

12,400 Lumens  
4000K  
EPAM01\_12A40-1HA\_\_IES



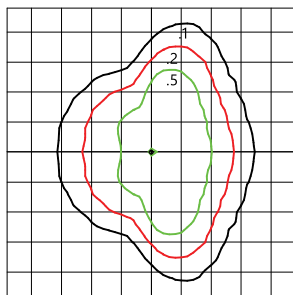
- Mounting Height at 16'
- Initial Footcandle at Grade



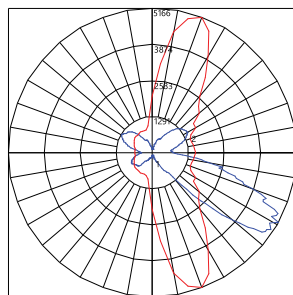
- Vertical plane at max Cd horiz. angle 40°
- Horizontal cone at max Cd vert. angle 64°

**EPAM**  
**Asymmetric**

12,300 Lumens  
4000K  
EPAM01\_12B40-1HB\_\_IES



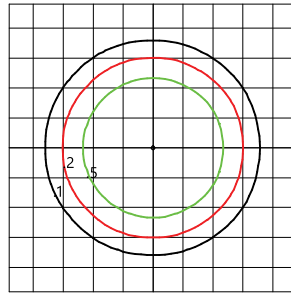
- Mounting Height at 16'
- Initial Footcandle at Grade



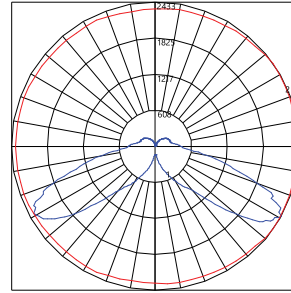
- Vertical plane at max Cd horiz. angle 70°
- Horizontal cone at max Cd vert. angle 61°

**EPAM**  
**Symmetric**

9,500 Lumens  
4000K  
EPAM01\_10A40-1DA\_\_IES



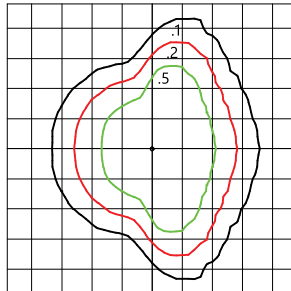
- Mounting Height at 16'
- Initial Footcandle at Grade



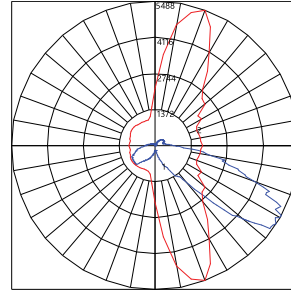
- Vertical plane at max Cd horiz. angle 61°
- Horizontal cone at max Cd vert. angle 35°

**EPAM**  
**Asymmetric**

9,500 Lumens  
4000K  
EPAM01\_10B40-1DB\_\_IES



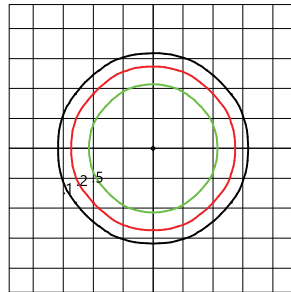
- Mounting Height at 16'
- Initial Footcandle at Grade



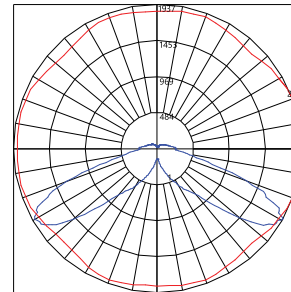
- Vertical plane at max Cd horiz. angle 70°
- Horizontal cone at max Cd vert. angle 61°

**EPAM**  
**Symmetric**

6,600 Lumens  
4000K  
EPAM01\_07A40-1MA\_\_IES



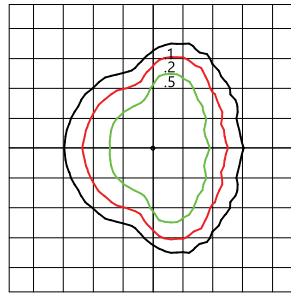
- Mounting Height at 16'
- Initial Footcandle at Grade



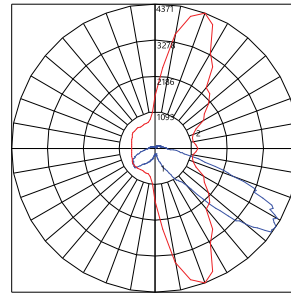
- Vertical plane at max Cd horiz. angle 61°
- Horizontal cone at max Cd vert. angle 20°

**EPAM**  
**Asymmetric**

6,600 Lumens  
4000K  
EPAM01\_07B40-1MB\_\_IES



- Mounting Height at 16'
- Initial Footcandle at Grade

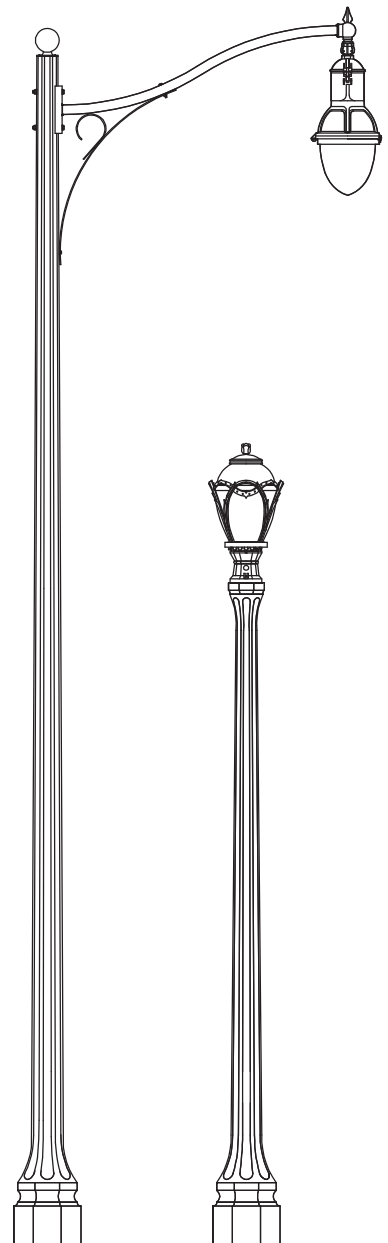


- Vertical plane at max Cd horiz. angle 70°
- Horizontal cone at max Cd vert. angle 57°



## 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
Talisman Flared Top	14'	KT14	13' 11"	9"	18"	4' 6" x 9 1/2"	1370 lbs	1170 lbs
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'	KTT20	20' 0"	7 3/8"	21"	5' 0" x 12"	2270 lbs	2000 lbs
Talisman Non Flared Top	25'	KTT25	25' 0"	6 1/2"	21"	5' 0" x 12"	2470 lbs	2200 lbs
Talisman Non Flared Top	30'	KTT30	30' 0"	5 7/8"	21"	5' 0" x 12"	2630 lbs	2360 lbs
Talisman Non Flared Top	33'	KTT32.5	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**

KT  
KTH  
KTT

**KT14** **14'**

**Height**

5' - 32' 6"

**Finish**

E – Etched Finish

**E** **E53**

**Color\*\***

10 – Midnight Lace  
11 – Eclipse Black  
30 – Salt & Pepper  
40 – Pearl Gray  
90 – Satin Bronze  
**E53 Detroit Green**

**Footing Details**

DB – Direct Buried  
FBP – Flush Baseplate  
SBP – Stub Baseplate

**DB** **140 30/30**

**Tenon (Post Top Mount)**

Specify Tenon Size

For example 140 30/30  
= 2 7/8" OD & 3" long

**Coating**

NA – Non Acrylic  
A – Acrylic  
AG – Anti Graffiti Coating\*\*\*

**GFI** **AG**

**Options\***

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

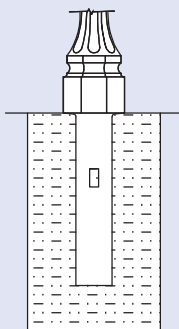
\* Consult website for full listings. \*\* See color chart on page 2 for full selection of colors.  
\*\*\*Anti Graffiti Coating is extra, consult factory for more details.

## Footing Details

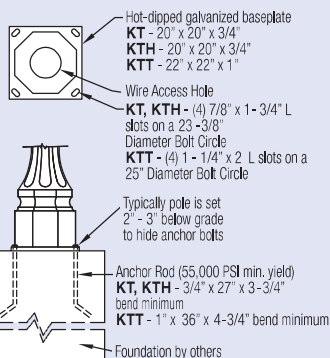
### Direct Buried

(Simple and Cost Effective)

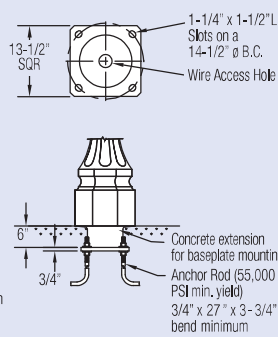
1. Auger the setting hole.
2. Set pole in hole and plumb straight.
3. Backfill\* with required backfill tamping every 4" to 6".



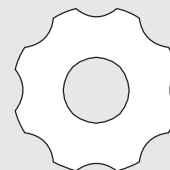
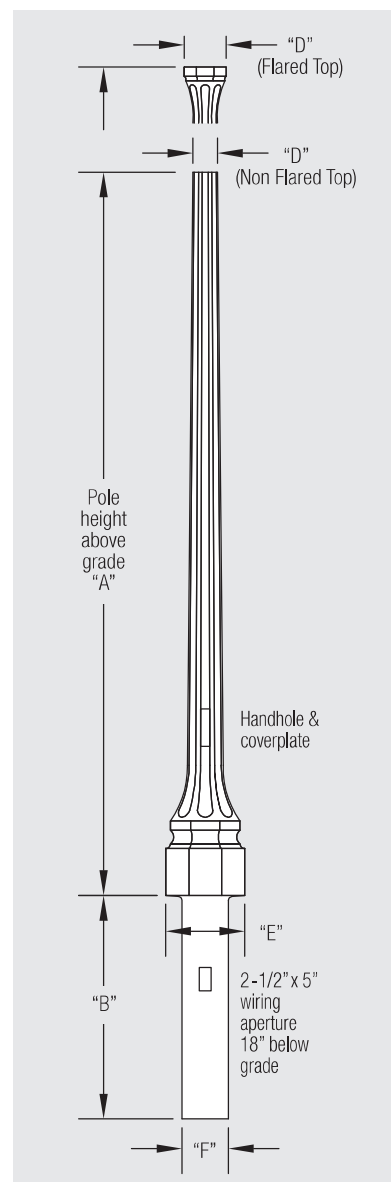
### Baseplate Option 1: FBP



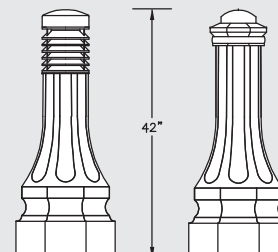
### Baseplate Option 2: SBP



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



Typical Pole Cross Section



Lighted Bollard

Nonlighted Bollard