

LAKEVIEW PARK PEDESTRIAN BRIDGE PROJECT

LEXINGTON KENTUCKY

DATE: AUGUST 2026

OWNER: LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT
DIVISION OF PARKS AND RECREATION
469 PARKWAY DRIVE
LEXINGTON, KENTUCKY 40504
PHONE: (859) 288-2900

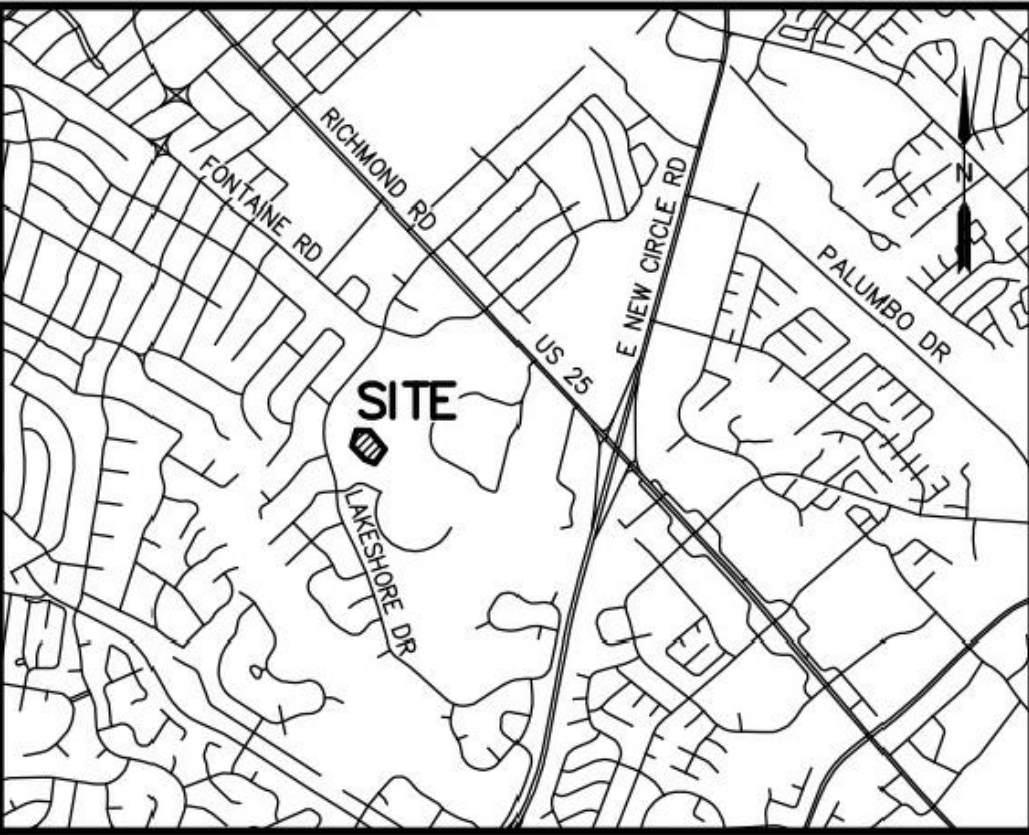
PROJECT ADDRESS:
LAKEVIEW PARK
350 LAKESHORE DRIVE
LEXINGTON, KY 40502

GENERAL PROJECT SCOPE DESCRIPTION

THIS PROJECT CONSISTS OF PREPARING A KY ENGINEER STAMPED BRIDGE DRAWING AS WELL AS FABRICATION AND DELIVERY OF A 36' LONG ALUMINUM BRIDGE. SEE NOTES AND SPECIFICATIONS ON B1.0 FOR MORE INFORMATION.

GENERAL NOTES

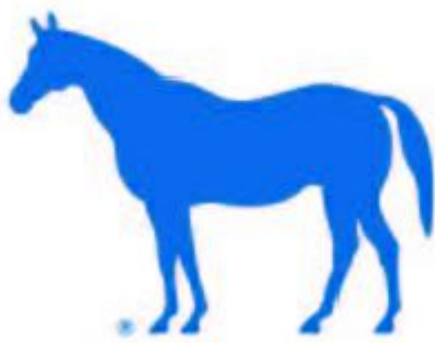
1. THIS SET OF DRAWINGS IS BEING ISSUED FOR BIDDING PURPOSES ONLY. THE MANUFACTURER IS RESPONSIBLE FOR PROVIDING LFUCG & THE PROJECT DESIGN TEAM WITH THE MANUFACTURERS FINAL BRIDGE DRAWINGS AND CALCULATIONS AFTER THE MANUFACTURER IS SELECTED BY LFUCG.
2. THE MANUFACTURER MUST INCLUDE THE COSTS OF THE FINAL KY ENGINEER STAMPED BRIDGE MANUFACTURER DRAWINGS AND THE ASSOCIATED ENGINEERING CALCULATIONS WITHIN THEIR BID.
3. THE MANUFACTURER MUST INCLUDE THE COST OF SHIPPING THE BRIDGE AND ALL OF THE NECESSARY COMPONENTS TO A SITE IN LEXINGTON KY.
3. THESE DRAWINGS ARE PROPRIETARY & PROJECT SPECIFIC AND SHALL NOT BE REPRODUCED, DISTRIBUTED OR OTHERWISE UTILIZED WITHOUT AUTHORIZATION OF THE LANDSCAPE ARCHITECT.
4. FABRICATION / CONSTRUCTION OF WORK ITEMS SHALL NOT BEGIN WITHOUT THE PROPER PERMITS, SHOP DRAWINGS, APPROVALS OR INSPECTIONS AS REQUIRED.
5. IT SHALL BE THE RESPONSIBILITY OF THE MANUFACTURER AND ALL SUBCONTRACTORS TO CAREFULLY EXAMINE ALL THE CONTRACT DOCUMENTS PERTAINING TO ALL PHASES OF THE CONSTRUCTION IN ORDER THAT THEY MAY FORESEE ALL REQUIREMENTS FOR COORDINATION OF THEIR WORK.



VICINITY MAP
(N.T.S.)

INDEX OF DRAWINGS

SHT. No.	SHEET NAME:
	COVER SHEET
B1.0	BRIDGE SPECIFICATIONS & PRELIMINARY BRIDGE ELEVATION



LEXINGTON
Parks & Recreation

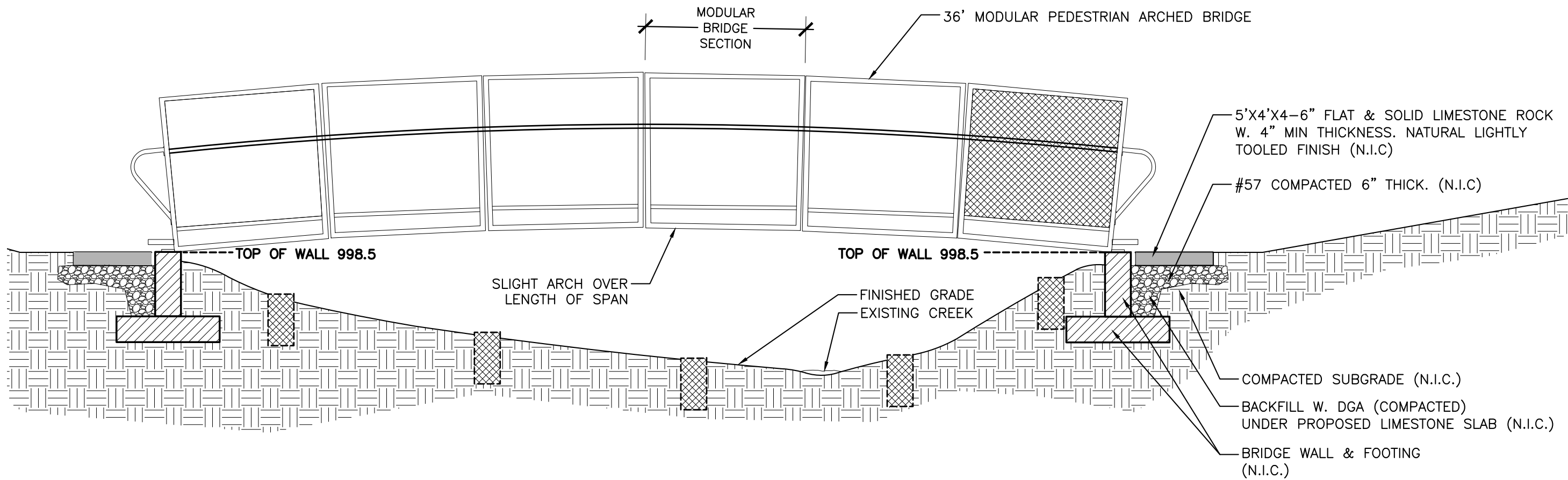
PREPARED FOR:



PREPARED BY:



CAUTION
UTILITIES EXIST WITHIN CONSTRUCTION LIMITS. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THEIR LOCATION PRIOR TO CONSTRUCTION. SEE NOTES.



ABBREVIATIONS

N.I.C. NOT IN CONTRACT

NOTE: THE MANUFACTURER SHALL SUPPLY THE OWNER WITH THE MANUFACTURERS FINAL BRIDGE DRAWINGS THAT CONTAIN A KY ENGINEERING STAMP AND ENGINEERING CALCULATIONS AT THE MANUFACTURERS EXPENSE PRIOR TO COMMENCEMENT OF BRIDGE FABRICATION. THIS PRELIMINARY ELEVATION IS BEING PROVIDED FOR GENERAL REFERENCE PURPOSES ONLY. NOT FOR FABRICATION OR CONSTRUCTION.

1 PRELIMINARY BRIDGE ELEVATION

N.T.S.

BRIDGE MANUFACTURER SPECIFICATIONS

- 1.1 SCOPE OF WORK
The work to be contracted through Great Northern Docks includes the design, manufacture and delivery of a 36' modular arched pedestrian bridge, three feet wide by thirty-six feet long. NO SITE WORK IS INCLUDED IN GREAT NORTHERN DOCKS SCOPE OF WORK.
- 1.2 DESCRIPTION OF WORK
Design, including Kentucky PE stamp, manufacture of a modular arched aluminum pedestrian bridge with an inside width of 3 feet and an outer length of approximately 36' . Bridge components must be carried in by human power or by small off-road motorized equipment capable of navigating a 6ft wide meandering path without impact to surrounding trees and plants.
- 1.3 QUALITY ASSURANCE
Except as noted, work shall conform to the latest editions of the applicable codes, specifications and standards of the American Society of Testing and Materials (ASTM) and the American Welding Society (AWS). All welders must be certified in accordance with AWS D1.2. Structural Aluminum Code.
- 1.4 MANUFACTURER STANDARDS
Each of the following standards shall be met:
●All framing and railings shall be made of tubular marine grade aluminum suitable for use in marine environments and be in the 5000 or 6000 alloy groups. Structure must be engineered to limit deflection to less than L/180 under 80 pounds per square foot uniform load and capable of resisting a 200ft-lb twisting moment at any point from attached railings without permanent deflection. Framing must have built in drainage for all enclosed cavities.
●Both sides of bridge must have railings at 42" height above the walking surface and enclosed sides leaving no opening under the railings larger than 4" .
●All framing and railings shall be sand blasted, primed, and powder coated to RAL 7010(Tarpauline Grey).
●All decking material shall be SunWalk perforated non-slip, gray, at least 45% light transmitting, UV stable, glass-reinforced polypropylene. Decking materials will not rot, split, crack, splinter or be adversely affected by insects for the life of the product.
●The completed structure will have a slight arch over the 36' span.
●The bridge will be structurally pinned to pre-formed concrete footings which will be made and installed prior to the work of this contract by the owner not Great Northern Docks.

BRIDGE NOTES:

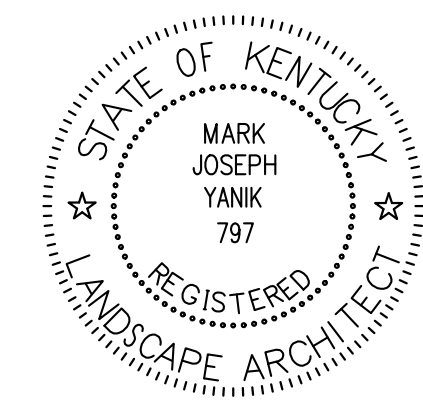
1. THE MANUFACTURER IS RESPONSIBLE FOR MANUFACTURING AND SHIPPING THE BRIDGE AND ALL NECESSARY BRIDGE COMPONENTS TO A DELIVERY SITE IN LEXINGTON, KENTUCKY.
2. THE MANUFACTURER SHALL SUPPLY THE OWNER WITH THE MANUFACTURERS FINAL BRIDGE DRAWINGS THAT CONTAIN A KY ENGINEERING STAMP AND ENGINEERING CALCULATIONS AT THE MANUFACTURERS EXPENSE PRIOR TO COMMENCEMENT OF BRIDGE FABRICATION.
3. THE 36' MODULAR PEDESTRIAN ARCHED BRIDGE SHALL INCLUDE AT MINIMUM:
A: ALL ALUMINUM FRAMING, HAND RAILINGS, STEPS AND MESH SIDE PANELS.
B: ALL ALUMINUM BRIDGE PIECES, FRAMING ETC ARE TO BE POWDER COATED TO RAL 4010 TARPULINE GREY.
C: SIX — 6' x3' MODULAR BRIDGE SECTIONS WITH SUNWALK (STONE COLORED) PERFORATED POLYPROPYLENE REINFORCED WITH FIBERGLASS DECKING. EACH SECTION SHALL BE BE FASTENED TOGETHER AT THE OWNERS PROJECT SITE BY THE OWNER UTILIZING MANUFACTURER SUPPLIED AND RECOMMENDED MECHANICAL FASTENERS. NOTE: (ANY WELDING REQUIREMENTS AFTER THE INITIAL MANUFACTURER FABRICATION IS UNACCEPTABLE)
D: SHORT ALUMINUM HANDRAILS FOR STEPS, POWDERCOATED WITH RAL 4010 TARPULINE GREY.
E: ALL REQUIRED BRIDGE ANCHORING BRACKETS, LEVELING LEGS ETC. NECESSARY TO ASSEMBLE THE BRIDGE AT THE OWNERS SITE. NOTE: THE OWNER WILL BE RESPONSIBLE FOR SUPPLYING THE NECESSARY CRIBBING TO SUPPORT THE BRIDGE SECTIONS DURING FINAL ASSEMBLY.



LAKEVIEW PARK PEDESTRIAN
BRIDGE PROJECT

LAKEVIEW PARK
360 LAKESHORE DRIVE
LEXINGTON, KY 40502

LAKEVIEW PARK PEDESTRIAN
BRIDGE PROJECT



Date: JUNE 2026
Drawn by: MJY
Checked by: MJY
Revision:
Revision:
Revision:
Revision:

B1.0

BRIDGE DRAWING &
SPECIFICATIONS

