

BOARDS & COMMISSIONS APPLICATION

132 North Elmwood Avenue 330-722-9038 www.medinaoh.org

Application Number H25-02

GENERAL	Date of Application 2/27/2025 Property Location 93 Public Square Description of Project Renovation of former Medina County Courthouse for use as Medina Municipal Court. Exterior renovations include: window replacement, front door replacement, front column replacement, patch and repair of wood cornice and trim, removal of temporary access ramp, landscape replacement.
CONTACT INFORMATION	Applicant Name Nancy Nozik Address 1220 W. Sixth Street, Suite 300 City Cleveland State OH Zip 44113 Phone 216-645-8583 Email nnozik@bciaep.com Property Owner Name Medina County Commissioners Address 144 North Broadway Street City Medina State OH Zip 44256 Phone 330-722-9201 Email cjakab@ohmedinaco.org
APPLICATION TYPE	Planning Commission Site Plan Conditional Zoning Certificate Code or Map Amendment Preliminary Plan Final Plat Conditional Sign (EMC/Shopping Ctr) Cert. of Appr. (TCOV) Other Historic Preservation Board Certificate of Appropriateness ✓ Conditional Sign Board of Zoning Appeals Variance Appeal
APPLICANT SIGNATURE	By signing this application, I hereby certify that: 1) The information contained in this application is true and accurate to the best of my knowledge; 2) I am authorized to make this application as the property owner of record or I have been authorized to make this application by the property owner of record; 3) I assume sole responsibility for correspondence regarding this application; and 4) I am aware that all application requirements must be submitted prior to the formal acceptance of my application. Signature Nancy K. Nozik Date 02-27-2025
OFFICIAL USE	Zoning District C-2 Meeting Date 3/13/25 Check Box when Fee Paid X



H25-02 1969 Courthouse Alterations

Property Owner: Medina County Commissioners

Applicant: Nancy Nozik

Location: 93 Public Square

Request: Certificate of Appropriateness approval for front and side facade alterations

<u>LOCATION AND SURROUNDING USES</u>

The subject site is composed of 0.54 acres located on the east side of Public Square. Adjacent properties contain the following uses:

North – Courthouse

South – Offices

• East – Courthouse/Parking

• West – Public Square



BACKGROUND & PROPOSED APPLICATION

The City of Medina and Medina County are currently in the process of renovating the 1969 Courthouse building to incorporate the Medina Municipal Court. Interior renovation area extensive, however, the following exterior renovations have also been proposed as part of the project:

- Replacement of the windows to match existing Windows will be wood with white aluminum cladding
- Replacement of the front doors and sidelites to match existing and to be permanently sealed –
 Doors and sidelites will have a white fluoropolymer finish on wood and will be non-operational.
- Replacement of the front columns to match existing Existing wood columns have rotted and are in need or replacement. Proposed columns will be steel with Architectural Fiberglass Column covers to match the existing profile.
- Repair and painting of the woodwork on the building All materials will be repaired and painted to match existing.
- Removal of the temporary access ramp The access ramp was installed during the Medina County Courthouse construction in 2021 and is no longer necessary.
- New landscaping Existing landscaping is overgrown and new landscaping is proposed. The existing memorial in front of the building will remain.



DESIGN GUIDELINES/DEMOLITION CRITERIA (SECTION 145.07)

Preservation/rehabilitation/renovation. With respect to preservation/rehabilitation/renovation generally it is the interest of the Board that buildings within the Historic District be preserved, thus maintaining the character of the Historic District. Consistent with the U.S. Secretary of the Interior, Standards for the Treatment of Historic Properties, the intent of these Guidelines is to preserve and restore the features which establish a building's architectural character while making alterations and renovations necessary for the efficient and contemporary use of the building.

The rehabilitation process assumes that some alterations may be necessary to meet the needs of the building Owner and the health, safety, and welfare of the building occupants. Such alterations should be done so as not to destroy the materials and features which help to define a building's historic, cultural and/or architectural character. The historic materials, features and/or craftsmanship are important in defining the building character and should be retained, protected, and repaired when possible.

When the preservation of architectural features is not possible, alterations should be done in a manner respectful of the existing character, but done in a manner that is representative of architectural design and construction of contemporary times.

CITY OF MEDINA DESIGN GUIDELINES FOR HISTORIC PROPERTIES AND DISTRICTS

Design Guidelines

Materials/Color/Texture - Selecting materials that are compatible in color and texture with adjacent structures help to create a unified design within the district.

Preservation/Rehabilitation/Renovation - Recommendations **Missing Element**

- Replace or reconstruct the missing element using materials that match the original as closely as possible.
- If no evidence can be found to document the element's original appearance, replacement should be consistent with the building's size, scale, and materials. The replacement should be simplified in order to avoid creating an elaborate detail that may not have been part of the original design.
- Examining other buildings of the same architectural style can help determine what may be appropriate.

Deteriorated Element

- Repair of deteriorated historic elements should not alter the appearance of the storefront. Repair deteriorated elements as soon as possible to prevent further damage or loss of material.
- If a historic element is deteriorated beyond repair and removal has been approved, document with photographs and measurements before removal. Then reproduce the element, matching the original design and materials.

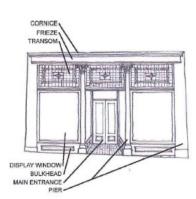
Non-original Element

- If an element has been previously replaced, consider retaining the existing element if it is unique, aesthetically complements the building, or is a good example of what was in style in its own time (i.e., a well-designed and constructed 1920s storefront on an 1870s commercial building).
- If the element is considered inappropriate for the building, replace the element with one that is acceptable.



COMMUNITY DEVELOPMENT DEPARTMENT STAFF RECOMMENDATION

Staff recommends **approval** of application H25-02, as presented.



MEDINA MUNICIPAL COURTHOUSE SUBMISSION TO HISTORIC PRESERVATION BOARD



Amended February 28, 2025 February 27, 2025

DESIGN NARRATIVE FOR HISTORIC PRESERVATION BOARD REVIEW

Site Location:

The site is located on the east side of Medina Square, on the east side of S. Broadway between East Liberty Street and East Washington Street. The building to be renovated is the former Medina County Courthouse.

Project Introduction:

The applicant requests a certificate of appropriateness for exterior renovations of the 1969 Courthouse at 93 Public Square. The building will serve as the new Medina Municipal Court. Exterior improvements will include:

- Replacement of the windows to match existing.
 - o The windows will be replaced with aluminum-clad wood windows manufactured by Sierra Pacific Windows. These are supplied by Fenestram, located at 1113 Medina Road in Medina, Ohio. The configuration and profile will match the existing windows. The exterior will be clad in WHITE aluminum. The interior will be stained wood.
- Replacement of the front doors and sidelites to match existing and to be permanently sealed.
 - o The front doors and sidelites will be replaced with new materials from Kolbe Windows and Doors, supplied by Fenestram in Medina, Ohio. These have been detailed to match the existing profiles however will be non-operational and sealed tight for weather. The exterior will be WHITE fluoropolymer finish on wood.
- Replacement of the front columns to match existing.
 - The original front columns are made of wood tongue-and-groove materials. The wood is rotting and have had several attempts to patch over the years. These columns will be replaced with **Architectural Fiberglass Column Covers** to match the existing profile and color. New steel columns will be installed on the interior for support. These will provide the same appearance with an appropriate, durable, low-maintenance material. **The supplier of the column covers is also providing the column covers for the new hotel in Medina**.
- Repair and painting of the woodwork on the building.
 - o The existing woodwork at the cornice, architrave, pediment, and frieze is in need of repair, patching, and painting. All materials will be repaired and painted to match existing.
- Removal of the temporary access ramp that was installed during the Medina County Courthouse construction.
 - A temporary access ramp was installed to provide handicapped access into the building during the construction of the Medina County Courthouse. At the completion of this renovation project, the ramp will be removed.
- New landscaping.
 - o The plantings in front of the building are overgrown. At the completion of this project, new plantings will be installed.
 - It should be noted that the memorial at the front of the building will be protected and will remain.

Please find attached to this report:

- 1. Documents prepared by Brandstetter Carroll, Inc. dated 02/28/2025:
 - a. Existing Photographs
 - b. Exterior Elevations of the building.
 - c. Site Landscape Plan

MEDINA MUNICIPAL COURTHOUSE SUBMISSION TO HISTORIC PRESERVATION BOARD



February 27, 2025

EXISTING PHOTOGRAPHS



Existing west façade



Existing pediment, cornice, columns





Existing columns



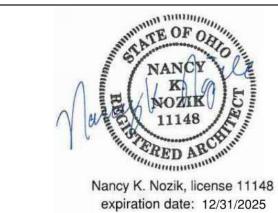
Temporary access ramp to be removed

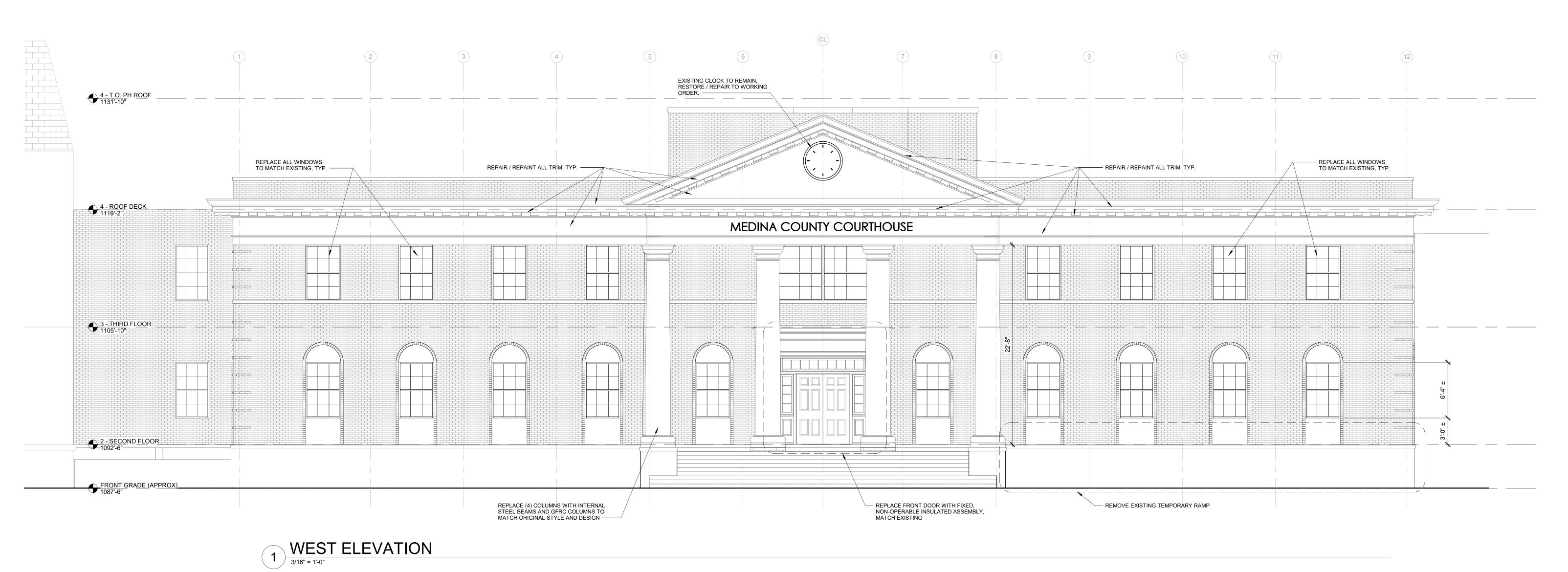


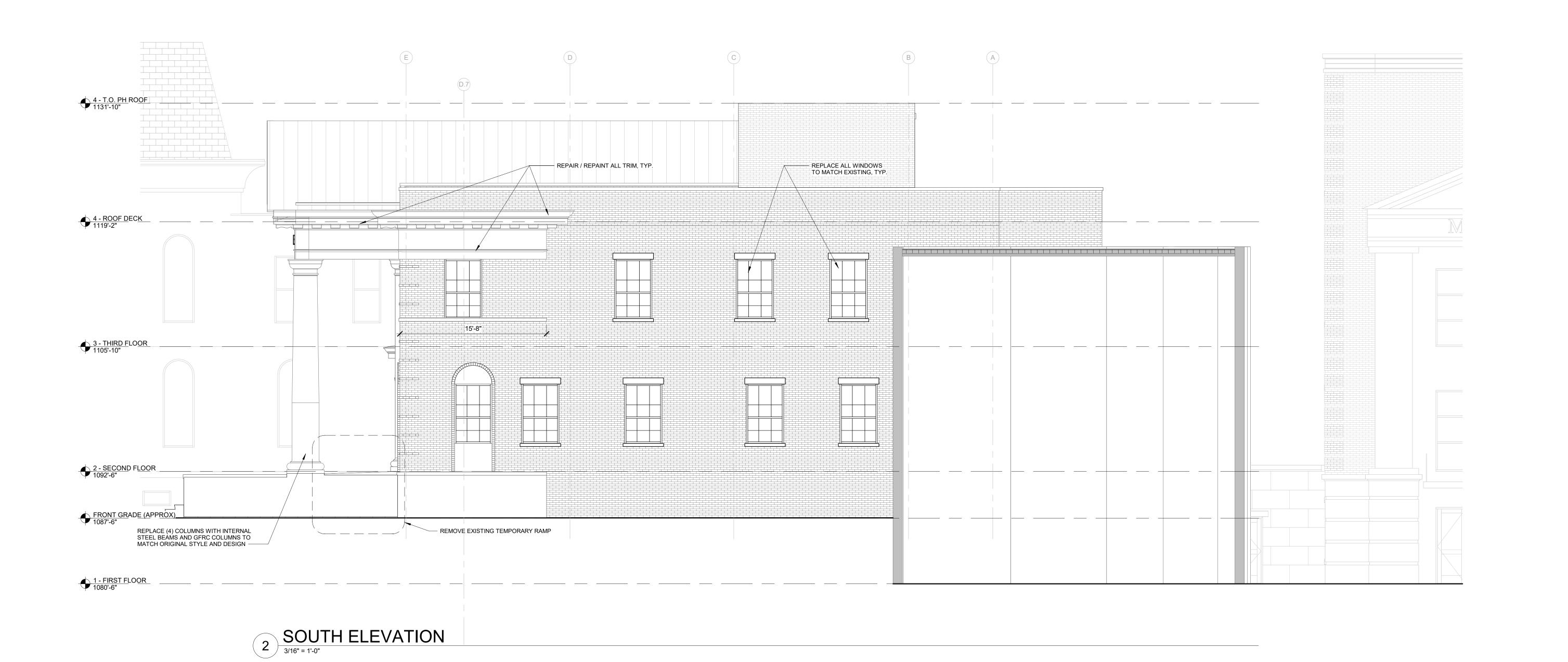
Existing memorial to remain



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93 Public Square Medina, Ohio 44256 EXTERIOR ELEVATIONS

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MEDINA MUNICIPAL

DESCRIPTION

GMP #3

Revisions: NUMBER DATE

Issue Date: 02/28/2025

COURTHOUSE

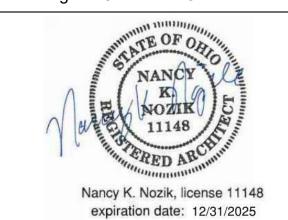
RENOVATION

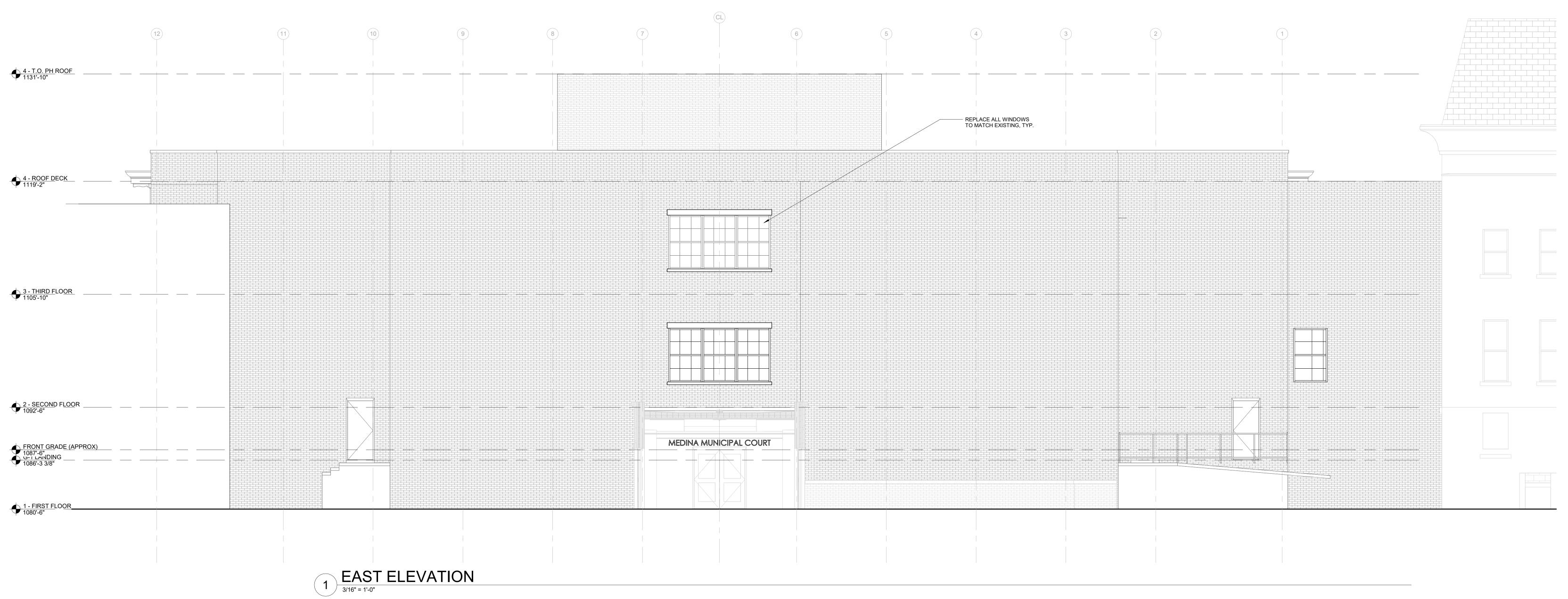
Project No.

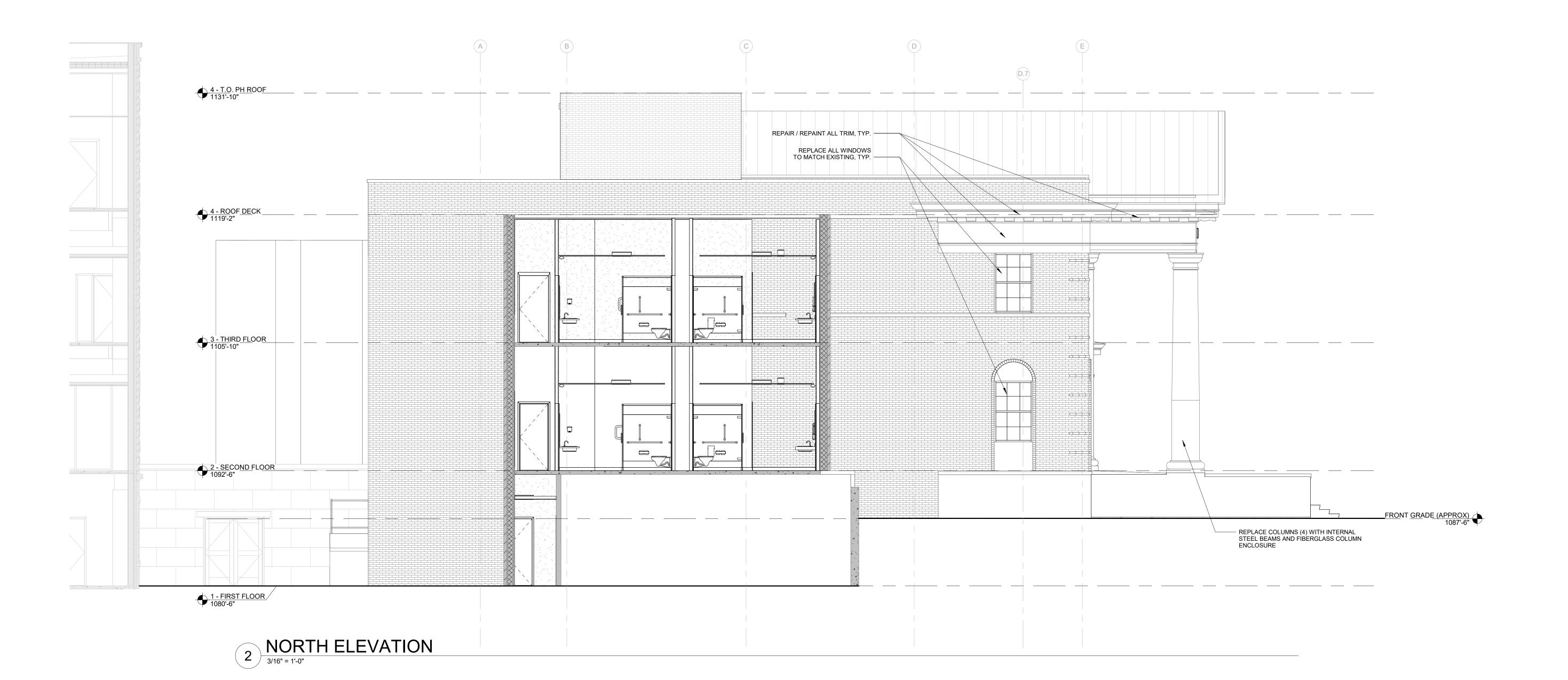
24023



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Revisions: NUMBER DATE

Issue Date: 02/28/2025

MEDINA MUNICIPAL COURTHOUSE RENOVATION 93 Public Square Medina, Ohio 44256

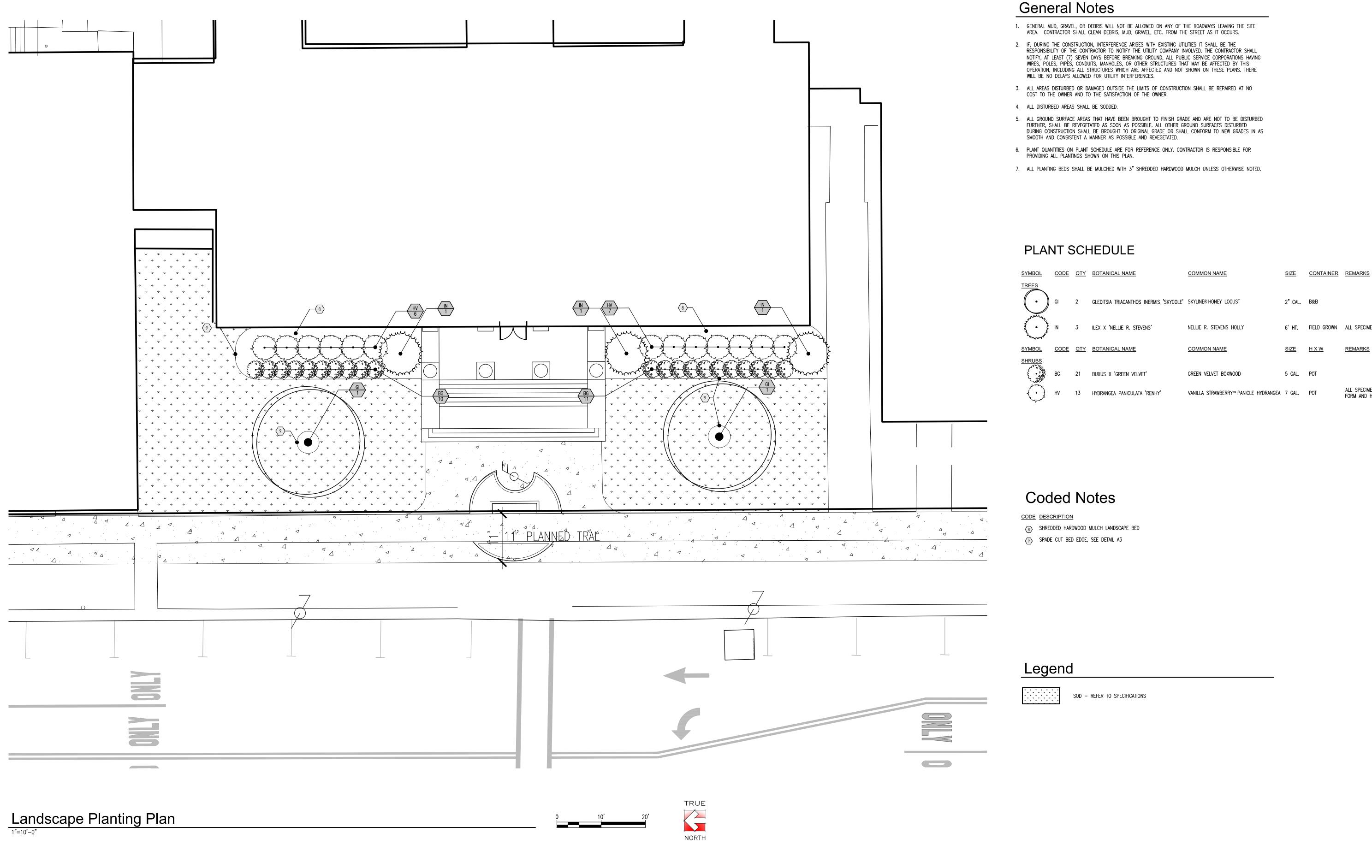
EXTERIOR ELEVATIONS

Project No.

GMP #3

24023

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Lexington Cincinnati Cleveland Dallas Denton

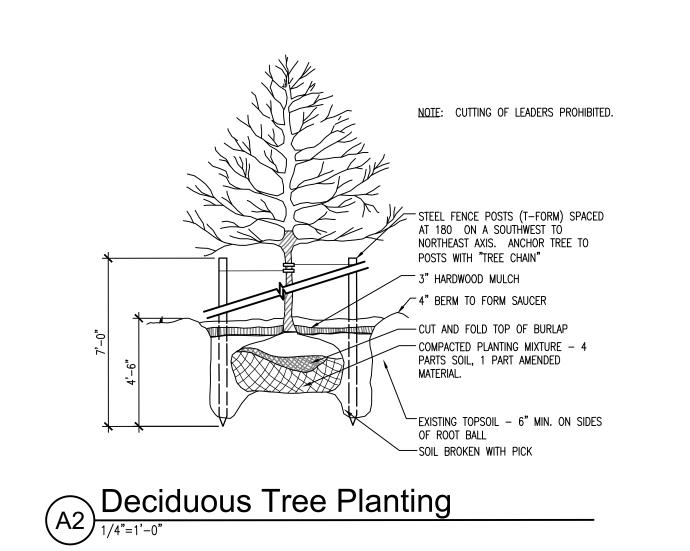
2" CAL. B&B

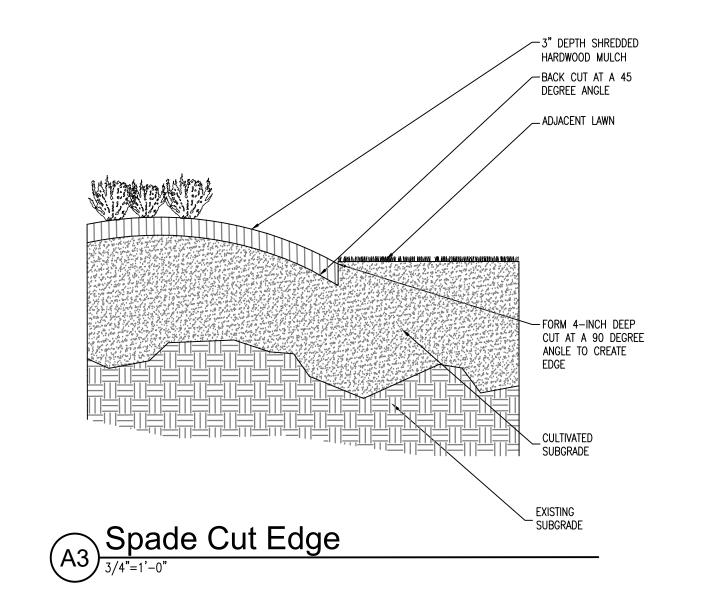
6' HT. FIELD GROWN ALL SPECIMENS TO MATCH

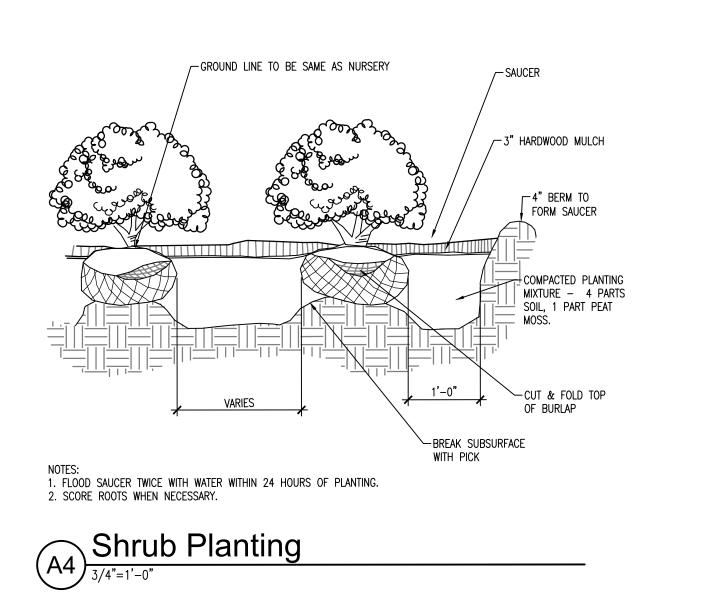
VANILLA STRAWBERRY™ PANICLE HYDRANGEA 7 GAL. POT

ALL SPECIMENS TO HAVE SIMILAR, REGULAR FORM AND HABIT

<u>REMARKS</u>







— 3 PIECES BLACK REINFORCED RUBBER HOSE — 3" HARDWOOD MULCH 4" BERM TO FORM SAUCER -CUT AND FOLD BACK BURLAP - SOIL BROKEN WITH PICK

NOTE: FLOOD SAUCER TWICE WITH WATER WITHIN 24 HOURS OF PLANTING.

Evergreen Tree Planting

Revisions: NUMBER DATE Issue Date: 02/28/2025

MEDINA MUNICIPAL COURTHOUSE RENOVATION

DESCRIPTION

GMP #3

93 Public Square Medina, Ohio 44256

> LANDSCAPE PLANTING PLAN

> > © 2024 Brandstetter Carroll Inc. All rights reserved

Project No. 24023 L-101 On Behalf Of: Fenestram

Address: 1113 Medina Road Suite 550

Medina, OH 44256

Phone: 330-495-6250

Bid By: William Whitmore

Contact: BJ Whitmore

Email: wjw@fenestramohio.com

Phone: 330-988-2040

Bill To/Ship To: Nancy Nozik

1220 W 6th St

Cleveland, OH 44113

Job Site: Medina County Court House

93 Public Sq Ste 129 Medina, Oh 44256





Quote 1288650C: Medina County Courthouse Project: Medina County Courthouse Printed: 5/10/2024 4:44:03 PM

Purchase Order: WWBC-93P

Line	Label	UOM	Quantity	Unit Price	Extended Price
001		EA	(1)	\$30,175.72	\$30,175.72

PERFORMANCE: Standard Performance, Job Specification PG Rating Entry: Do Not Specify

UNIT 1 - Ultra Rectangle Exterior Swinging Door - Complete Unit, Outswing, Hinging (As Door Pulls Towards You): Stat, Extruded Sash, 1 Lite Over 1 Panel, Panel Profile: Raised (Beveled), Sash Construction: Fixed Panel, Raised Moulding: Ogee profile (Interior), Panel Groove: No Grooves, 2 1/4" Panel, Frame Thickness: 2 1/4", 7/8" Performance Divided Lites, Second Bar Size: 0", Bar Profile - Exterior: Beveled, Bar Profile - Interior: Beveled, **Black Spacers**

UNIT 2 - Ultra Rectangle Exterior Swinging Door - Complete Unit, Outswing, Hinging (As Door Pulls Towards You): Stat - Stat, Extruded Sash, 6 Panels, Panel Profile: Raised (Beveled), Sash Construction: Fixed Panel, Raised Moulding: Ogee profile (Interior), Fixed Panel Glazing Bead: Beveled, Panel Groove: No Grooves, 2 1/4" Panel, Frame Thickness: 2 1/4"

UNIT 3 - Ultra Rectangle Exterior Swinging Door - Complete Unit, Outswing, Hinging (As Door Pulls Towards You): Stat, Extruded Sash, 1 Lite Over 1 Panel, Panel Profile: Raised (Beveled), Sash Construction: Fixed Panel, Raised Moulding: Ogee profile (Interior), Panel Groove: No Grooves, 2 1/4" Panel, Frame Thickness: 2 1/4", 7/8" Performance Divided Lites, Second Bar Size: 0", Bar Profile - Exterior: Beveled, Bar Profile - Interior: Beveled, **Black Spacers**

UNIT 4 - Ultra Rectangle XD Transom - Complete Unit, Outswing, Match Outswing Door Profile, Profile: UMDSS, Vintage: #418, Extruded Sash, Regular Stiles, 2 1/4" Panel, Frame Thickness: 2 1/4", Transom for Which Door: For Non-Fiberglass Door, Transom for Which Door Hinging: For 1 Wide Stat, 1 Sash in 1 Frame, Stop Profile: Square, 7/8" Performance Divided Lites, Second Bar Size: 0", Bar Profile - Exterior: Beveled, Bar Profile - Interior: Beveled, Black Spacers

GLASS: Glass Make Up: Double Glazed, Solar Low-E, Black Spacer, Glass Preserve / Neat+ Coating: Glass Preserve without Neat+ Coating, Beveled Glazing Bead, Tempered, Tempered, Tempered

HARDWARE-ACCESSORIES: Astragal, Astragal Margin Cover

CASING-JAMBS-TRIM: Aluminum Sill, Door Sill Color: Dark Bronze Anodized, Nailing Fin, 5 1/4" Jambs, Jamb All Units Individually to Full Jamb Depth: No (Standard), 10 1/16" Clips

SPECIES-FINISH-COLOR: Leave All Pine, Exterior Frame Finish: 70% Fluoropolymer, Exterior Sash Finish: 70% Fluoropolymer, Match All Exterior Colors, Ultra Pure White Exterior, Colored Prefinish Interior Frame, Colored Prefinish Interior Sash, Match All Interior Colors, Bright White Interior, Standard Fingerjoints, Exterior Margin Cover Finish: 70% Fluoropolymer

MANUFACTURER NOTES:

Number of installation clips applied is configured for a DP20 installation design pressure. Kolbe also recommends adding an additional 1/2" to the standard rough opening.,

Individual Grille Division Type defaults may not always align with each other in certain mull/stack configurations. Please check layouts for acceptability and adjust if necessary.



Scaled to Fit

Rough Opening: 120 1/2" X 120 1/2" Frame Size: 120" X 120" **Unit Dimension:** 120" X 120"

Quote 1288650C: Medina County Courthouse	Fenestram	Fenestram		
002		(1)	\$2,307.75	\$2,307.75
Shop Drawing				

(1)

Estimated Install Install will depend on site condition

003

\$5,077.05

\$5,077.05

Quote 1288650C: Medina County Courthouse	Fenestram	5/10/2024 4:44:02 PN
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Notes / Totals / Signature

Please note that you are purchasing windows and doors, with delivery to your site. Installation, measuring or other services are included. Any purchase agreement provisions pertaining to a service supplier shall not apply to this transaction. The provisions of Ohio law governing the sale of goods, including but not limited to delivery, acceptance and rejection of goods sold, shall apply.

Lead-times fluctuate and are determined by manufacturers once they receive complete order documentation. We will notify you of current lead-times but are not responsible for a manufacturer's extended lead-times.

Once an order is placed, changes or cancellations can result in additional charges from manufacturers and may not be possible at all.

Contractor agrees to submit written notification of all issues prior to hiring others to provide remedies. Certificate of Substantial Completion shall be submitted to the Contractor or Owner for their written acceptance of the installation performed. Substantial Completion is the stage in which the installation is sufficiently complete for the space to be utilized or occupied.

Total Quantity:	Total Cubic Feet: 118.13	lotal Perimeter Feet: 480.00	Sub-i otai*:	\$37,560.52
			Total Amount:	\$37,560.52
	Total Amount includes	Kolbe and/or Non-Kolbe lines if applicable		
an of tree		Data		
Jiiature:		Date:		
urchaeo Ordor				

Printed

-tax

IT'S TIME TO RE-THINK REPLACEMENTS.









Whether you're replacing, renovating, remodeling or rebuilding, we have exactly what you're looking for. Our Transcend replacement windows and patio doors make it easy to upgrade to the premium performance, unsurpassed beauty and superior energy efficiency of Sierra Pacific.

When you're shopping for new windows, consider this: Sierra Pacific has the confidence to offer one of the industry's toughest, most comprehensive warranties on its replacement wood windows and doors.

NOTHING RENEWS LIKE REAL WOOD.

Alder

Mahogany

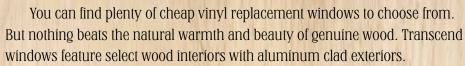
Cherry

Douglas Fir

Red Oak

Black Walnut

White Oak



Even better, we let you choose from nine beautiful woods—or any workable species-for your replacement windows, patio doors and trim.

INTERIOR TRIM OPTIONS.



Shown in pine 3-1/2" wide



3-1/2" wide

Heritage II

Shown in pine 2-3/4" wide



Colonial Shown in oak





Traditional Shown in pine

2-1/4" wide



Tradesman II

Provincial Shown in oak 3-1/2" wide





Craftsman

3-1/2" wide

Shown in oak

Tudor Shown in pine 3-1/2" wide



Shown in oak

2-3/4" wide

matching wood species.





Continental

Shown in oak

3-1/2" wide

THE PERFECTION OF A PREMIUM FINISH.

Nothing beats a factory finish performed with state-of-the-art equipment under rigorously controlled, ultra-clean conditions.

Sierra Pacific gives you two premium options: Ultra Stain and Ultra Coat.

Ultra stain is an advanced, multi-step process that brings out all the beauty of your wood interior. Ultra Coat uses a unique, specially formulated, two-part catalyzed polyurethane paint. The white or black interior paint is so durable, it could be used outdoors.

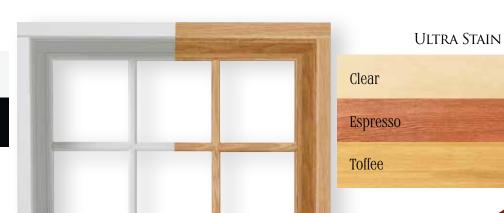
Both Ultra Stain and Ultra Coat are so tough, they resist scratching and marring, and so superior, they provide advanced protection against moisture.



ULTRA COAT

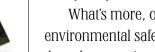
White

Black



REPAINTING IS A THING OF THE PAST.





The exteriors of Transcend windows are fully encased in low maintenance, heavy-duty, extruded aluminum. Ours is at least twice as thick as roll-form cladding.

What's more, our finishing process leads the industry in durability and environmental safety. Non-hazardous AAMA 2604 and 2605 powder-coatings have the color retention, surface hardness and scratch resistance necessary to withstand even the harshest conditions.

As for colors? Nobody gives you more choices than Sierra Pacific. 75 colors and some sensational textures allow you to add warmth, a splash of cheerfulness or a new statement to your designs. We'll also custom match any color you choose.

EXTERIOR CLAD FINISHES

COLOR STAY[™] COLLECTION

White 001	Linen 032	French Linen 112	Morning Dove Gray 113	Colonial White 313	Sandstone 003	Beige 335
Tan 043	Gull Gray 007	Seawolf 044	Fashion Gray III	Slate Gray 045	♥ Battleship Gray 321	TW Black 061
Black Sable 060	Slate Blue 008	Light Blue 046	Steel Blue 114			Sage Green 005
Teal 047	Hemlock Green 048	Patina Green 051	Forest Green 049	Evergreen 009	Green 004	W Hartford Green 050
Moss 031	Greek Olive 081	Terra Cotta 053	Clay 026	ICI Brown 056	Colonial Red 054	Harvest Cranberry 010
Burgundy 055	Deep Plum 116	Deep Taupe 077	♥ Antique Bronze 057	TW Brown 058	♥ Bahama Brown 309	Regal Brown 059
Rrown 002	Rronze 024	Rlack 023	DEADI	AAETAIII		

TEXTURED COLLECTION

Peppered Steel 110	Sift Espresso 097	Mocha 098
Cajun Spice 099	Pesto 100	Available AAMA 2604 only.

WEATHERED COLLECTION

Weathered	Weathered	Weathered
Café Royale 104	Cocoa 105	Brown 034
Weathered	Weathered	Weathered
Bronze 078	Clay 075	Red Pepper 106
Weathered Rust 076	Weathered Basil 107	

INDUSTRIAL COLLECTION

Medium Bronze Industrial 101 Dark Bronze

PEARL METALLIC COLLECTION

El Cajon Silver 068	Platínum 067	Light Bronze Pearl 069
Medium Bronze Pearl 070	Dark Bronze Pearl 071	

METALLIC COLLECTION

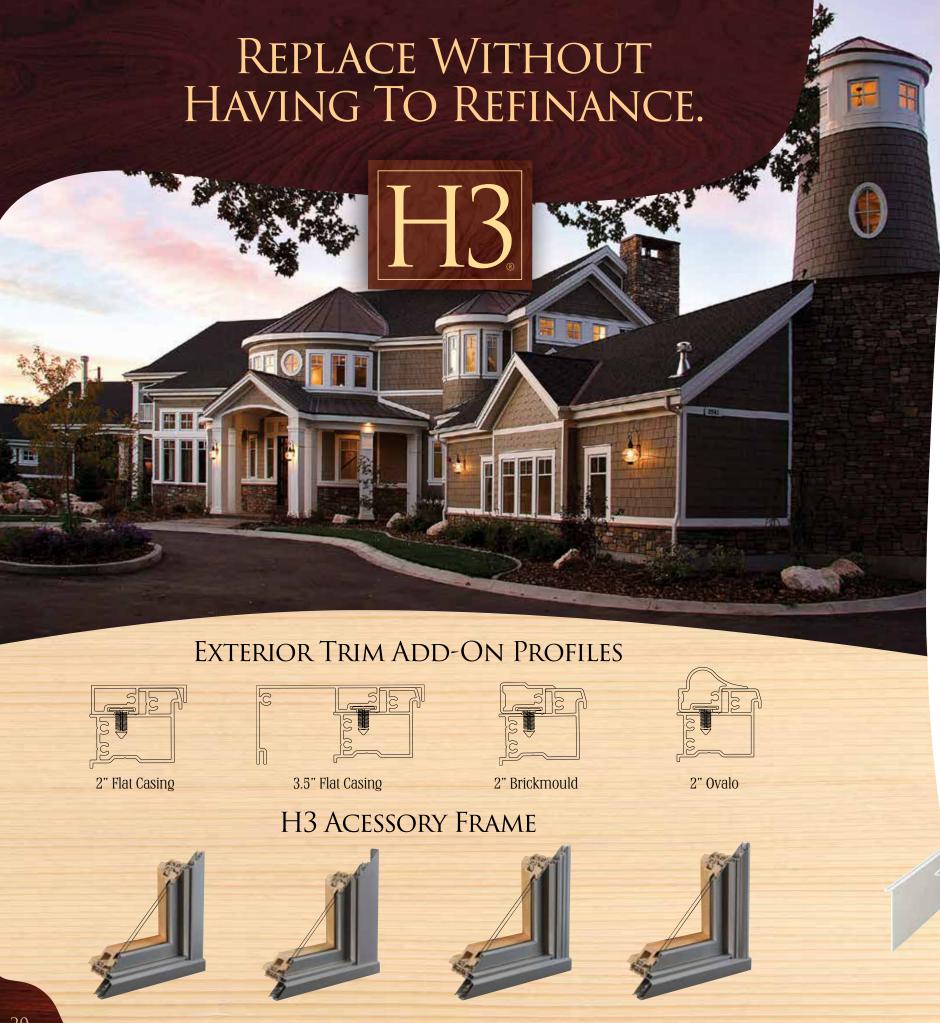


ANODIZED COLLECTION



(**V**) Colors available in vinyl Printing limits our ability to show colors precisely See your local representative for actual cladding samples.





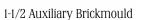


Continuous Head & Sill Advantage

Our second H3 offering is engineered for use when your existing window frame is in poor condition and the only solution is a full-frame tear out.

Transcend H3 windows are available as a casement, awning, double hung or slider. They come with a vast array of design options so you can make our windows distinctly yours. We use many of the same premium woods, premium hardware and premium grilles as on our premium-priced line.







H3 Sliding Window

How to put a standard size window in a non-standard size opening: use our heavy-duty aluminum trim extenders to fill the gap. Available in 1-7/8", 2-5/16" and 3-1/4" widths. Color-matched to your cladding in AAMA 2605 or 2604 powder-coat. Scored on the back for easy trimming.



With its concealed jambliner and easy-tilt operation, the H3 double hung looks and performs beautifully.

IMPROVE YOUR VIEW.

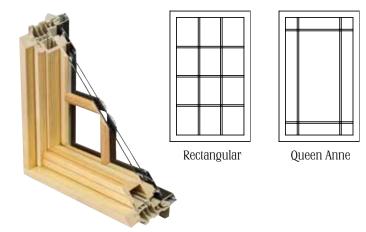
Before you sign off on your remodeling or window replacement plan, consider doing something extra special.

Use Transcend transoms, sidelites and other geometric shape windows to give your home a one-of-a-kind individuality. You could add an arched expanse of glass that seems to light up an entire home. Or a large picture window topped by a half circle. Or transoms stretching from wall to wall above a bank of patio doors.

Transcend geometric shape windows can be used alone, or combined with our operating windows and patio doors to make a truly custom statement.

GRILLE CONFIGURATIONS.

Add classic charm to any Transcend window with an unlimited number of decorative grille patterns. They're available as removable wood grilles or sealed between the panes of glass.



You can also choose our updated version of the divided lite - with grilles between the glass, on the inside and on the outside, for an even truer divided lite appearance.



We offer a variety of decorative glass styles; from beveled to textured, tinted to obscure, leaded to laminated.



MEDINA MUNICIPAL COURTHOUSE SUBMISSION TO HISTORIC PRESERVATION BOARD



Amended February 28, 2025 February 27, 2025

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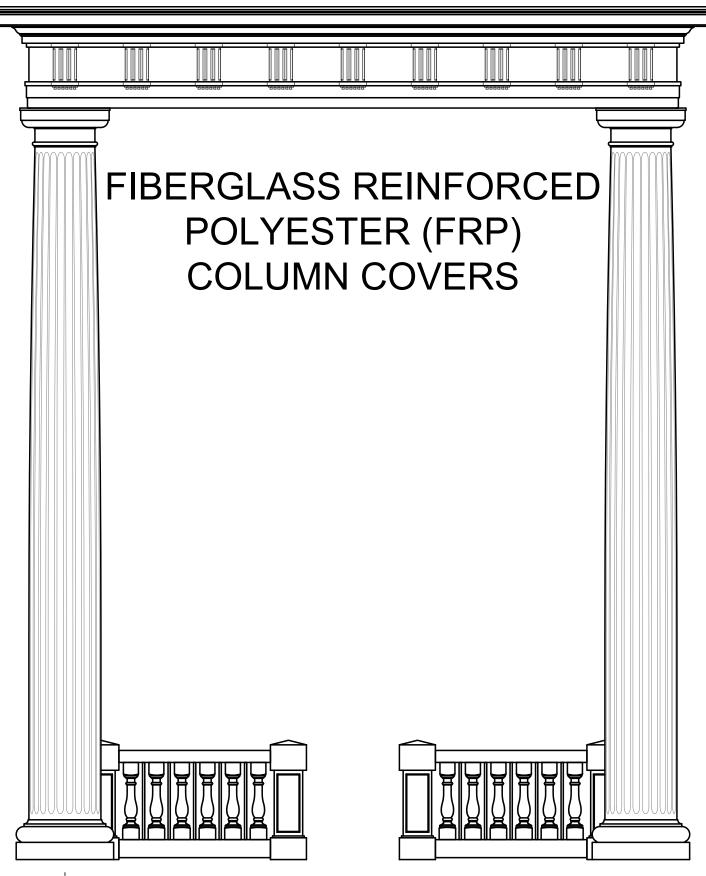
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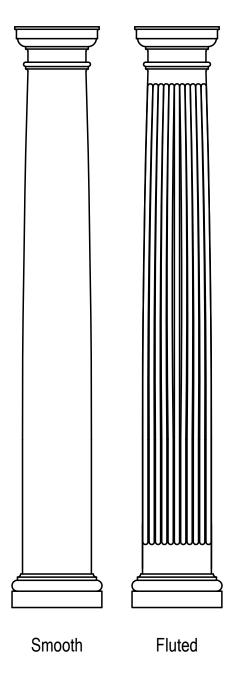
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 - b. Exterior Elevations of the building.
 - c. Site Landscape Plan



Fiberglass Reinforced Polyester (FRP) Column Covers

Usually referred to as Fiberglass Column Covers, they are manufactured with typical lightweight 3/16" thick fiberglass materials similar to a boat hull or a fiberglass shower surround. Fiberglass Column Covers serve no structural load-bearing capacities and are for decorative purposes only. Fiberglass Column Covers are hand-manufactured in halves specifically for use as wraps to conceal structural columns. Fiberglass Column Covers are the most versatile in design and are not limited to standard sizes. Various sizes and custom shapes can be achieved with the molding process. Fiberglass Column Covers can be pre-finished with a custom texture and colored gelcoat finishes, but joints and attachment points must be considered in the design. If painting is not the desired finish, custom designed joints can be created for vertical caulk joints. For standard column covers it is recommended that the columns be field painted so the vertical joint and attachment hardware can be field patched and repaired to create a monolithic column. Fiberglass Column Covers are most practical for large column diameters and custom sizes, designs and finishes, but may be more costly than the standard type Polymer Composite and Structural Columns.

- Weatherproof
- Insect Free
- Low Maintenance
- Customization
- Architecturally Correct



SHEET NO.

CC-01

2025

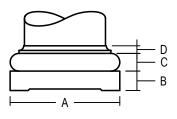
FIBERGLASS COLUMN COVERS

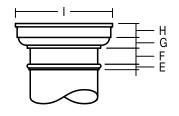


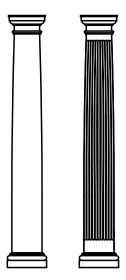
ARCHITECTURAL FIBERGLASS, INC.

8300 BESSEMER AVE., CLEVELAND, OHIO 44127-1839 (216) 641-8300 - FAX:(216) 641-8150 www.fiberglass-afi.com

Fiberglass Reinforced Polyester (FRP) Column Covers Round Tapered Columns







Tuscan Base

Tuscan Profile & Cap

Roun	Round Tapered Shaft Tuscan Base Shaft Profile Tuscan Cap		ın Cap												
Outside	Diameter	∐oight	Pli	nth	То	rus	Total	Astragal		Astragal		Echinus	Aba	acus	Total
Bottom	Тор	Height	Α	В	С	D	B-D	Е	F	G	Н	I	G-H		
10"	8 1/2	6' - 12'	13 1/2	2 3/8	2 1/8	3/4	5 1/4	3/4	1 5/8	1 13/16	1 3/4	12 5/32	3 9/16		
12"	10	6' - 12'	16 1/4	2 3/4	2 3/8	7/8	6	3/4	1 3/32	1 29/32	2	14 5/8	3 29/32		
14"	12	8' - 16'	18 19/32	3 11/32	2 31/32	1	7 5/16	1	2 9/32	2 15/32	2 5/16	16 13/32	4 25/32		
15"	12 1/2	8' - 10'	20	3 1/4	2 5/16	1 9/16	7 1/8	1 3/8	2 3/8	2 13/16	2 1/16	17 7/8	4 7/8		
16"	13	8' - 12'	21 3/8	4	3 3/8	1 1/4	8 5/8	1 1/8	2 1/4	2 1/8	3	18 1/4	5 1/8		
17"	14 1/2	8' - 10'	21 3/4	5	3 1/2	1 1/2	10	1 1/4	4 3/4	3	3 1/2	21	6 1/2		
18"	15	8' - 24'	24 1/32	4 7/32	3 31/32	1 3/8	9 9/16	1 3/8	2 3/8	2 7/8	3	21 1/4	5 7/8		
19"	16	10' - 15'	24 3/4	4 1/2	3	1 3/4	9 1/4	1 7/8	3 5/8	2 7/8	3 1/4	23 1/4	6 1/8		
20"	17	10' - 24'	27	4 3/4	4 1/4	1 3/4	10 3/4	1 5/16	3 3/4	2 1/4	3 3/8	24 1/4	5 5/8		
22"	18 1/2	10' - 22'	29 3/4	5 1/4	4 3/4	2 1/8	12 1/8	1 3/8	4	2 1/2	3 3/4	26 1/2	6 1/4		
24"	20 1/8	8' - 20'	32	5 1/4	3 3/4	2 1/2	11 1/2	2 3/8	4 3/4	3 5/8	4 3/8	28 1/8	8		
28"	24	10' - 25'	36	6	3 7/8	2 1/2	12 3/8	2 7/8	6 1/4	4 1/4	5	34	9 1/4		
30"	25	16' - 30'	40 1/2	7 1/4	6 1/2	2 3/4	16 1/2	2 1/8	5 1/4	4 1/8	4 1/2	34 1/4	8 5/8		
36"	30	18' - 28'	48 3/4	8 3/4	7 3/4	3 5/8	20 1/8	2 5/16	6 1/2	4 1/4	6 1/4	42 3/4	10 1/2		
40" A	30	14' - 30'	52 3/4	8 1/2	6	4	18 1/2	3 1/2	9 3/8	6 5/8	7 1/4	46	13 7/8		
40" B	33 5/16	14' - 30'	52 3/4	8 1/2	6	4	18 1/2	4 1/4	10 3/8	7 3/8	8	51 1/16	15 3/8		
42"	35 5/16	19' - 23'	54 3/4	12 3/16	7 1/2	3 15/16"	23 5/8	2 5/8	6 3/4"	6 11/16	6 11/16	53 1/16	13 3/8		
48"	39	20' - 30'	64	13	11	1	25	2 1/2	6	9	7 1/2	52	16 1/2		

SHEET NO.

CC-02

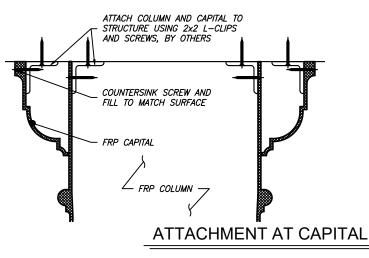
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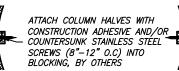
FIBERGLASS COLUMN COVERS



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REVEAL JOINT

(SPECIAL ORDER)

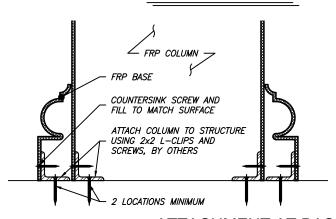


ATTACH COLUMN HALVES WITH CONSTRUCTION ADHESIVE AND/OR COUNTERSUMK STAINLESS STEEL SCREWS (8"-12" O.C) INTO BLOCKING, BY OTHERS

SHIP LAP JOINT



BUTT JOINT



ATTACHMENT AT BASE

COLUMNS SHEET NO. 2025

ATTACHMENT **DETAILS**



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Architectural Fiberglass, Inc.

Manufacturer & Designer Custom Fiberglass Architectural Ornamentation





FRP Fluted Columns with Corinthian Capitals



FRP Grapevine Column & Base



Simulated FRP Cast Stone Cornices & Keystones



FRP Decorative Elements



Reproduced Historic FRP Cupola



FRP Dome, Base, Cross,

Architectural Fiberglass, Inc. (AFI) custom designs and manufactures decorative fiberglass ornamentation for the restoration, reproduction, and new construction industries. AFI can manufacture fiberglass composites requiring exact specifications with unlimited repetition Our designers can provide as much or as little design

support that may be required. AFI can manufacture products superior to existing ornamentation and is only limited by the scope of the architect's imagination. Complex configurations and reproductions of historical shapes can be achieved with fiberglass. Architects now have the ability to replicate existing architecture that was once cost prohibitive. AFI's products are unparallel in their beauty, strength, longevity, and the answers to many maintenance



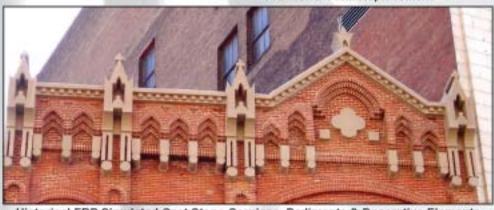


FRP Terra Cotta Replacement

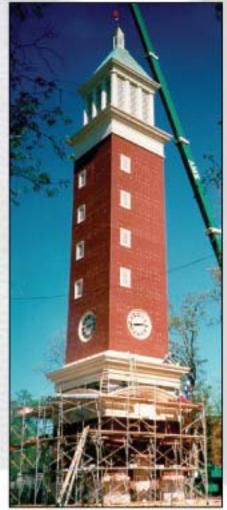


problems.

25' Gold FRP Domes & Crosses



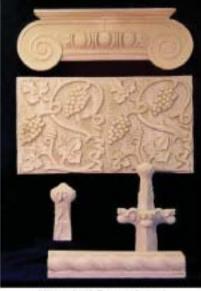
Historical FRP Simulated Cast Stone Cornices, Pediments & Decorative Elements



Historical Reproduced FRP Bell Tower Housing Cellular Antenna



25' diameter FRP Dome



Historical Reproduced FRP Stone Elements

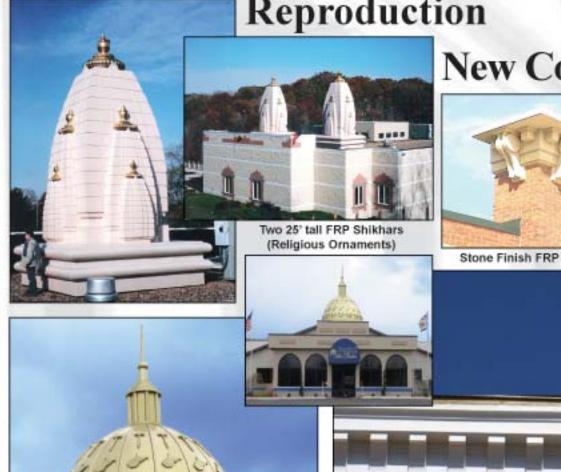


40" diameter by 30' Tall FRP Entasis Column Covers

Cornices • Crosses • Cupolas • Custom Shapes Domes •

Restoration

Reproduction







FRP Signature Signage & Cornice



FRP Window Ornament

New Construction



Stone Finish FRP Dentil Cornice and Brackets



FRP Cornice and Brackets

Fiberglass Benefits

Fiberglass Reinforced Polyesters (FRP) can replicate wood, stone, concrete, terra cotta, marble, granite, copper, steel, and other popular building materials. FRP parts are chosen over other material because it is lightweight, cost effective, corrosion resistant, and is virtually maintenance free. Fiberglass products can be painted or the color can be molded in the surface. Because FRP begins with liquid polymer resins and formable glass fibers, the finished shape can be curved, corrugated, ribbed, or contoured in a variety of ways, with varying thickness. Per unit of weight, FRP is among the strongest commercial material available. Pound for pound, FRP is stronger than concrete, steel or aluminum and has weathered extremes for more than thirty years. FRP parts can often reduce maintenance and installation cost when compared to other traditional building materials.

Fascia Panels • Louvers • Molding • Pilasters • Railings

FRP Properties

Listed below are ranges of physical properties that can be created for architectural applications

Flexural strength, psi
Flexural modulus, psi0.8 to 1.4 x106
Tensile strength, psi9,000 to 18,000
Tensile modulus, psi0.8 to 1.4 x 106
Elongation1.0 to 2.5%
Compressive strength, psi15,000 to 25,000
Impact strength izod, lb./in. of notch4 to 12
Specific gravity
Density, lbs./ft.380 - 100
Continuous heat resistance150 to 350
Thermal coefficient of expansion
in/in/F x 1012 to 20
Barcol hardness 40 to 60

Properties of a typical 1/8" glass mat laminate using specific fire retardant resin

Flexural strength, psi @ 77 degrees F28,000
Flexural strength, psi @ 77 degrees F1.07 x 106
Tensile strength, psi @ 77 degrees F16,800
Elongation2.2%
Barcol hardness40-50
Glass content31%
Specific gravity1.62
ASTM E-84 (tunnel test)<25
UL Subject 94 V-O



FRP Grapevine Columns, simulated Marble Wall Panels



Reproduced Gold FRP Domes Crosses & Bases



FRP Copper top Cupola



FRP Cornice and Brackets



FRP Canopy



FRP Balusters and Dentil Comice



FRP Fluted Columns & Corinthian Capitals, Dentil Cornice

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