

### ARCHITECTURAL REVIEW BOARD MUNICIPAL PLANNING COMMISSION -AGENDA-

Thursday, July 27, 2023 at 7:00 P.M.

Louis J.R. Goorey Worthington Municipal Building The John P. Coleman Council Chamber 6550 North High Street Worthington, Ohio 43085

Watch online at worthington.org/live and comment in person or at worthington.org/meeting-public-input

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#### A. Call to Order - 7:00 pm

- 1. Roll Call
- 2. Pledge of Allegiance
- 3. Approval of minutes of the July 13, 2023 meeting
- 4. Affirmation/swearing in of witnesses.

#### B. Architectural Review Board - Consent Agenda

There will be no separate discussion of Consent Agenda items as they are considered to be routine by the Board and Commission and will be adopted by one motion. If a member of the Board & Commission, staff, or public requests discussion on a particular item, that item will be removed from the Consent Agenda and considered separately on the agenda. Approval of Consent Agenda items includes conditions as listed in the staff memo.

1. Condensing Units – 67 E. Granville Rd. (St. John's Episcopal Church) ARB 58-2023

#### C. Architectural Review Board – Unfinished Business

1. Paint Brick House – 159-161 E. Granville Rd. (Andrew Silverman) ARB 54-2023

#### D. Architectural Review Board – New Business

- 1. Demolish Rear Addition 44 W. New England Ave. (Kevin Rohyans) ARB 56-2023
- 2. Addition **541 Oxford St.** (RAS Construction/Pasternack) **ARB 59-2023**

3. New Freestanding Sign – 6700 High St. (DaNite Sign Co.) ARB 57-2023

### E. Municipal Planning Commission – New Business

- 1. Amendment to Development Plan
  - a. New Freestanding Sign 6700 High St. (DaNite Sign Co.) ADP 08-2023
  - b. Generator -100 Old Wilson Bridge Rd. (Tammy Corrado) ADP 07-2023
- F. Other
- G. Adjournment



#### MEMORANDUM

TO: Members of the Architectural Review Board

Members of the Municipal Planning Commission

FROM: Lynda Bitar, Planning Coordinator

DATE: July 19, 2023

SUBJECT: Staff Memo for the Meeting of July 27, 2023

#### B. Architectural Review Board - Consent Agenda

There will be no separate discussion of Consent Agenda items as they are considered to be routine by the Board and Commission and will be adopted by one motion. If a member of the Board & Commission, staff, or public requests discussion on a particular item, that item will be removed from the Consent Agenda and considered separately on the agenda. Approval of Consent Agenda items includes conditions as listed in the staff memo.

1. Condensing Units – 67 E. Granville Rd. (St. John's Episcopal Church) ARB 58-2023

#### **Findings of Fact & Conclusions**

#### **Background & Request:**

This Italianate style building was constructed in 1856 and is referred to in the community as the Township Hall. St. John's Church has owned the property for decades and uses the building as a fellowship hall. The building is essentially as originally constructed; however two window air conditioners were installed at some point. The church is now planning to add central air conditioning for the building and would like to install two condensing units.

#### **Project Details:**

- 1. Installation of the units is proposed on the south side of the building and would be 35' and 65' from the Hartford St. right-of-way line to the east.
- 2. The Bryant condensing units would be about 31.5" square and 39" tall.

#### **Land Use Plans:**

Worthington Design Guidelines and Architectural District Ordinance

Keep functional items such as trash containers and mechanical equipment to the rear.

#### **Recommendations:**

Staff is recommending *approval* of this application.

#### **Motion:**

THAT THE REQUEST BY THE DAVID TALBOT ON BEHALF OF ST. JOHNS EPISCOPAL CHURCH FOR A CERTIFICATE OF APPROPRIATENESS TO INSTALL CONDENSING UNITS AT 67 E. GRANVILLE RD. AS PER CASE NUMBER ARB 58-2023, DRAWINGS NUMBER ARB 58-2023, DATED JULY 14, 2023, BE APPROVED BASED ON THE FINDINGS OF FACT AND CONCLUSIONS IN THE STAFF MEMO AND PRESENTED AT THE MEETING.

#### Motion:

THAT THE CONSENT AGENDA BE APPROVED.

#### C. Architectural Review Board – Unfinished Business

1. Paint Brick House – 159-161 E. Granville Rd. (Andrew Silverman) ARB 54-2023

#### **Findings of Fact & Conclusions**

#### **Background & Request:**

This brick Prairie style duplex was built in 1921 and is in the R-10 Zoning District. Approval was received in 2020 to construct an addition and new garages on the property and the work was completed in 2022.

This request is to allow the brick structure to be painted.

#### **Project Details:**

- 1. The brick needs tuckpointing, and the owner would like to paint the entire building afterward.
- 2. The proposed color is Platinum Gray and the trim would be painted white.
- 3. The owner indicates previous owners made attempts to fix the brick and have created a mess. Apparently surrounding neighbors also feel the brick has become an eyesore.

#### Land Use Plan:

#### Worthington Design Guidelines and Architectural District Ordinance

Masonry which has been painted in the past should remain painted, since removal of paint can be difficult and damaging. However, walls that have not been painted in the past should remain unpainted.

Pointing of masonry should be done in a way that duplicates the color, texture, joint tooling, and physical composition of the building's historic pointing. Avoid high-cement mortar (more than about 1/2 part of cement, by volume), since it can create a rigid framework that can cause cracking and spalling of soft brick and limestone. A good starting point for re-pointing mortar is to use, by volume, one part lime, three to five parts sand, and as little Portland cement as is needed to make a durable mortar -- but no more than ½ part, as noted above. This should create a sufficiently "soft"

mortar for typical older masonry, but the proportions may have to be varied a bit to get the right color, texture, and hardness. Tooling or finishing of mortar joints should match the original tooling as closely as possible. Be especially careful that historically recessed mortar joints remain recessed, and that flush joints are truly flush, without excess mortar smeared on the surfaces of the bricks or stone.

#### **Recommendation:**

Staff is recommending <u>denial</u> of this application. The Guidelines recommend brick walls that have not been painted to remain unpainted. This building is over 100 years old, so careful tuckpointing should be all the work that is done. Some irregularities should be expected in a structure of this age, especially because it has not been well maintained. Painting would not only change the look and character of the building but would also cover brick that has characteristics that are not seen in modern brick.

#### Motion:

THAT THE REQUEST BY ANDREW SILVERMAN FOR A CERTIFICATE OF APPROPRIATENESS TO PAINT THE BRICK AT 159-161 E. GRANVILLE RD. AS PER CASE NO. ARB 54-2023, DRAWINGS NO. ARB 54-2023, DATED JUNE 30, 2023, BE APPROVED BASED ON THE FINDINGS OF FACT AND CONCLUSIONS IN THE STAFF MEMO AND PRESENTED AT THE MEETING.

#### D. Architectural Review Board – New Business

1. Demolish Rear Addition – 44 W. New England Ave. (Kevin Rohyans) ARB 56-2023

#### **Findings of fact & Conclusions**

#### **Background & Request:**

This property is roughly 1/4 acre in size and bordered on three sides by a municipal parking lot. The parcel was rezoned to C-5 in 2022. The Colonial Revival two-story house on this property was constructed in 1929 and is a contributing building in the Worthington Historic District. The original garage was demolished and a new one was constructed in 2018. A new roof and windows were approved in 2022 by the ARB.

A one-story addition that is 10'1" wide x 20' deep is at the rear of the structure at the west end. The structure has a door in the middle of the east side and 3 curved steps leading down to an existing patio. Demolition of the addition and associated stairs is proposed with this application.

#### **Project Details:**

- 1. The structure to be demolished has lap siding that was painted to match the red brick, and a flat roof.
- 2. The exposed wall would get a new 15 light door surrounded by brick that has either been cleaned and repointed or is new. A light fixture would be added above or next to the new door and the existing at the east end.

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- 3. Proposed is a set of concrete stairs with Fypon railing leading to a 16' wide x 10' deep stamped concrete patio.
- 4. Plant materials are proposed adjacent to the side and rear of the patio.

#### **Land Use Plans:**

#### Worthington Design Guidelines and Architectural District Ordinance

A decision on whether a particular demolition is appropriate must be made in light of several factors, including whether the demolition is full or partial; the age of the structure; the level of integrity of the structure being demolished (has it been extensively altered?); the impact of the demolition on Worthington's character; and plans for the site following demolition (is the proposed replacement appropriate for Worthington?)

Decks and patios should be limited to the rear of buildings. Patios may be constructed of concrete, stone or brick. Consider the style of the house when designing decks and patios, since some styles and some designs are not compatible.

#### **Recommendation:**

Staff is recommending *approval* of this request. Although the age of the structure is not known, it does appear to have been added after construction of the main house. The character of the structure should not be altered as the portion to be removed is at the rear of the house and much smaller. The planned patio is an acceptable use of the area.

#### **Motion:**

THAT THE REQUEST BY KEVIN ROHYANS FOR A CERTIFICATE OF APPROPRIATENESS TO DEMOLISH A REAR ADDITION AND INSTALL A PATIO AT 44 W. NEW ENGLAND AVE. AS PER CASE NO. ARB 56-2023, DRAWINGS NO. ARB 56-2023, DATED JULY 11, 2023, BE APPROVED BASED ON THE FINDINGS OF FACT AND CONCLUSIONS IN THE STAFF MEMO AND PRESENTED AT THE MEETING.

2. Addition – 541 Oxford St. (RAS Construction/Pasternack) ARB 59-2023

#### **Findings of Fact & Conclusions**

#### **Background & Request:**

This Cottage style house was built in 1921 and is a contributing property in the Worthington Historic District. The property is at the northwest corner of Oxford and South Streets on a 45' wide x 150' deep lot. The house was purchased and renovated in 2019 and transferred to the current owners in 2020. In 2021, approval was given to construct a two-story addition at the rear of the house, but the project was not executed.

This request is for approval to construct a one-story addition.

#### **Project Details:**

- 1. Removal of the rear entry deck, roof and stairs would make way for a 28'4" wide x 16' deep one-story addition. The addition would extend to the rear of the house on the same planes as the house walls. On the north side the wall is proposed to be 9' 1 7/8" from the property line; on the south side the wall would be 7' 6 1/8" from the property line of South St. which matches the variance approved for the previous addition that was not constructed. A landing and steps are shown on the north side, about 5' 10" from the property line. A variance is needed to build the stairs in that location.
- 2. A mud room and pantry would be part of the first floor addition which is mainly a sunroom. A small second floor addition, 9' 3 7/8" wide x 3' 6" deep, is proposed with a sliding door to provide access to the roof of the first floor addition. On that roof there would be composite decking over rubber membrane roofing. A 36" high composite railing is proposed at the perimeter of the roof.
- 3. A concrete foundation would be painted white to match the house foundation. Wood painted white is proposed for panels below the windows and for the columns between of windows. The proposed windows are six over six, double hung, and three light transoms would be above each window.
- 4. On the north side, board and batten siding painted white is proposed above a wood knee wall. Two coach lights would be next to the door which is shown with six lights over two panels. The landing, stairs and railings would also be white.

#### **Land Use Plans:**

#### Worthington Design Guidelines and Architectural District Ordinance

Additions: Residential additions are recommended to maintain similar roof forms; be constructed as far to the rear and sides of the existing residence as possible; be subordinate; and have walls set back from the corners of the main house. Be sure that window designs are appropriate for the style or time period of the house.

Landscaping: Consider only native and noninvasive species. The use of landscape details to highlight architectural features or screen or soften undesirable views should be reviewed. Plant and maintain street trees in planting areas between the street and sidewalk.

Compatibility of design and materials, exterior detail and relationships, and window treatment are standards of review in the Architectural District ordinance.

#### **Recommendations:**

Staff is recommending <u>approval</u> of this application. Although the walls are not set back from the corners, the addition would be subordinate to and respect the character of the original house. Landscaping could be added to mitigate any impact given the proximity to the street.

#### **Motion:**

THAT THE REQUEST BY RAS CONSTRUCTION ON BEHALF OF MATTHEW AND MOLLY PASTERNACK FOR A CERTIFICATE OF APPROPRIATENESS TO CONSTRUCT AN ADDITION AT 541 OXFORD ST. AS PER CASE NO. ARB 59-2023, DRAWINGS NO. ARB 59-2023, DATED JULY 14, 2023, BE APPROVED BASED ON THE

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# FINDINGS OF FACT AND CONCLUSIONS IN THE STAFF MEMO AND PRESENTED AT THE MEETING.

3. New Freestanding Sign – 6700 High St. (DaNite Sign Co.) ARB 57-2023

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#### E. Municipal Planning Commission - New Business

- 1. Amendment to Development Plan
- a. New Freestanding Sign 6700 High St. (DaNite Sign Co.) ADP 08-2023

#### **Findings of Fact & Conclusions**

#### **Background & Request:**

This property was originally developed in the late 1960's as an office for Ohio Medical Indemnity, which was most recently Anthem Blue Cross and Blue Shield. The property is made up of 9 parcels totaling 19 acres of land and houses a 200,000 square foot building and many acres of parking. Currently First Bank of Central Ohio is a tenant in the building.

In 2021, the property owner requested approval of a different multi-tenant freestanding sign but did not go forward to City Council due to the property being sold. The property has since transferred back to the original owner and a different freestanding sign is now proposed.

#### **Project Details:**

- 1. Location of the freestanding sign would be in front the building, perpendicular to the street and at least 10' from the right-of-way.
- 2. A 6'6" high x 9'10" wide x 18" deep sign cabinet is proposed suspended between two 8'10" high x 16" wide x 16" deep brick columns and two 15" wide tinted acrylic panels. There is a 12" high x 16' wide x 22" deep black aluminum trim piece on top of the sign with 16" high address numbers on top. Total sign area would be 8'7.5" x 16' wide = 138 square feet per side. (Although overall sign height is shown as 8'10" plus 21.5" for the address numbers, sign area would exclude the bottom 2' of the brick columns.)
- 3. The sign faces would be black aluminum with routed business names backed in white being the only elements illuminated at night. Six tenant panels would be on each side.
- 4. Required variances:
  - Business Listings (3 allowed) Six panels shown
  - Size Two signs are allowed at 60 square feet total area each; proposed 138 square feet per side x = 276 square feet total.

#### **Land Use Plans:**

#### Worthington Design Guidelines and Architectural District Ordinance

While the regulations permit a certain maximum square footage of signs for a business, try to minimize the size and number of signs. Place only basic names and graphics on signs along the street so that drive-by traffic is not bombarded with too much information. Free-standing signs should be of the "monument" type; they should be as low as possible. Such signs should have an appropriate base such as a brick planting area with appropriate landscaping or no lighting. Colors for signs should be chosen for compatibility with the age, architecture and colors of the buildings they serve, whether placed on the ground or mounted on the building.

#### Worthington Code Sections:

#### 1170.02 Definitions and Provisions.

- (j) "Joint identification sign" means a sign displaying more than one business or listing more than one associate, partner, employee or agent of any business.
  - (1) Freestanding joint identification signs shall display no more than three businesses or listings.

#### 1170.04 Measurement.

(a) Sign area is calculated by totaling all display areas of a sign, including sign faces, molding and framing, but excluding supporting members less than or equal to twenty-four inches in width.

#### 1170.05 Commercial and Industrial Requirements.

(e) C-3 and I-1 Zoning Districts – Integrated Institutional, Office or Industrial Uses. Integrated Institutional, Office or Industrial Uses in the C-3 and I-1 zoning districts as provided for in Section 1175.02 shall be permitted a maximum of two freestanding signs per development. Each sign shall not be over fifteen feet in height and shall have a maximum total area of 60 square feet.

#### **Staff Analysis:**

- 1. Although this is a large property, the proposed sign is so much larger than the other signs in the corridor it would look out of place. Simplification of the supporting structure may be warranted, for example: slightly wider brick columns and elimination of the acrylic panels; or a simple brick base and sign cabinet.
- 2. A sign cabinet with six tenant panels per side should be acceptable in a reduced size.

#### **Recommendation:**

Redesign of the sign to simplify the look and reduce the overall size is recommended.

#### **ARB Motion:**

THAT THE REQUEST BY DANITE SIGN COMPANY FOR A CERTIFICATE OF APPROPRIATENESS TO INSTALL A NEW FREESTANDING SIGN AT 6700 N. HIGH ST. AS PER CASE NO. ARB 57-2023, DRAWINGS NO. ARB 57-2023, DATED JULY 12, 2023, BE APPROVED BASED ON THE FINDINGS OF FACT AND CONCLUSIONS IN THE STAFF MEMO AND PRESENTED AT THE MEETING.

#### **MPC Motion:**

THAT THE REQUEST BY DANITE SIGN COMPANY TO AMEND THE DEVELOPMENT PLAN FOR 6700 N. HIGH ST., AS PER CASE NO. ADP 08-2023 DRAWINGS NO. ADP 08-2023, DATED JULY 12, 2023, BE RECOMMENDED TO THE CITY COUNCIL FOR APPROVAL BASED ON THE PLANNING GOALS OF THE CITY, AS REFERENCED IN THE <u>LAND USE PLANS</u> AND FINDINGS OF FACT AND CONCLUSIONS IN THE STAFF MEMO AND PRESENTED AT THE MEETING.

b. Generator – 100 Old Wilson Bridge Rd. (Tammy Corrado) ADP 07-2023

#### **Findings of Fact & Conclusions**

#### **Background & Request:**

This property is located on the north side of Old Wilson Bridge Rd. in the C-3 Zoning District and has an approved Final Development Plan. Application must be made when the property owner wishes to change, adjust or rearrange buildings, parking areas, entrances, heights or yards, following approval of a Final Development Plan. When variance requests are included, the modification must be approved by City Council.

The multi-tenanted office building is located on a parcel just over 2 acres in size, with other office buildings to the west; the Piano Conservatory to the east; the Shops at Worthington Place to the south; and the I-270 right-of-way to the north.

In 2009 a generator was approved north of the building for another tenant; this is a request for a second generator.

#### **Project Details:**

- 1. The generator is proposed 10' from the rear property line and northeast of the existing generator and dumpster enclosure.
- 2. Dimensions of the generator are 112" long x 48" wide x 50.5" high.

#### **Land Use Plans:**

#### Worthington Code:

1149.07 Setback of Building on Principal Streets and Highways.

The setback for all buildings and accessory buildings along major traffic routes shall be:

(a) Along freeways and expressways:

50 feet

#### Wilson Bridge Corridor:

1181.05 Development Standards.

- (a) Site Layout.
  - (4) <u>Equipment.</u> Exterior service, utility, trash, and mechanical equipment shall be located to the rear of buildings if possible and screened from view with a wall, fence or landscaping. Such equipment shall be completely screened from view. Materials shall be consistent with

ARB-MPC Staff Memo Meeting July 27, 2023 Page 8 of 9 those used in the building and/or site. Equipment located on buildings shall match the color of the building.

#### Worthington Comprehensive Plan

The 2005 Worthington Comprehensive Plan stresses the importance of local business as a means to support municipal services provided to residents. The plan points to the success of the freeway commercial area as being critical to the health of the City.

#### **Recommendation:**

Staff feels approval of this request should be recommended to City Council.

#### **Motion:**

THAT THE REQUEST BY TAMMY CORRADO FOR APPROVAL TO AMEND THE DEVELOPMENT PLAN BY ADDING A GENERATOR AT 100 OLD WILSON BRIDGE RD. AS PER CASE NO. ADP 07-2023, DRAWINGS NO. ADP 07-2023, DATED JULY 11, 2023, BE APPROVED BASED PLANNING GOALS OF THE CITY AS REFERENCED IN THE LAND USE PLANS, AND ON THE FINDINGS OF FACT AND CONCLUSIONS IN THE STAFF MEMO AND PRESENTED AT THE MEETING.



# ARB APPLICATION ARB 0058-2023 67 E. Granville Rd.

Plan Type: Architectural Review Board

Project: District: App Date:

07/14/2023

Work Class: Certificate of Appropriateness

City of Worthington

Exp Date:

Status: In Review

Completed:

Valuation: \$14,800.00

Approval

Expire Date:

Description: Installation of two a/c condenser units on the south side of the St Johns Fellowship Hall at 67 E.

Dublin Granville Rd. Unit 1 being 65 ft west of eastern property line and unit 2 being 38 feet west of

Worthington, OH 43085

eastern property line. Each unit will be 31-3/16 sq. and 38-7/8 tall.

Parcel: 100-000191

Address: 67 E Dublin-Granville Rd

Main

Zone: S-1(Special)

David Talbot Vestry of St. John's Church

700 High Street

Applicant

and parts Adjacent.

Main

Owner

Worthington, OH 43085

Business: (614) 846-5180

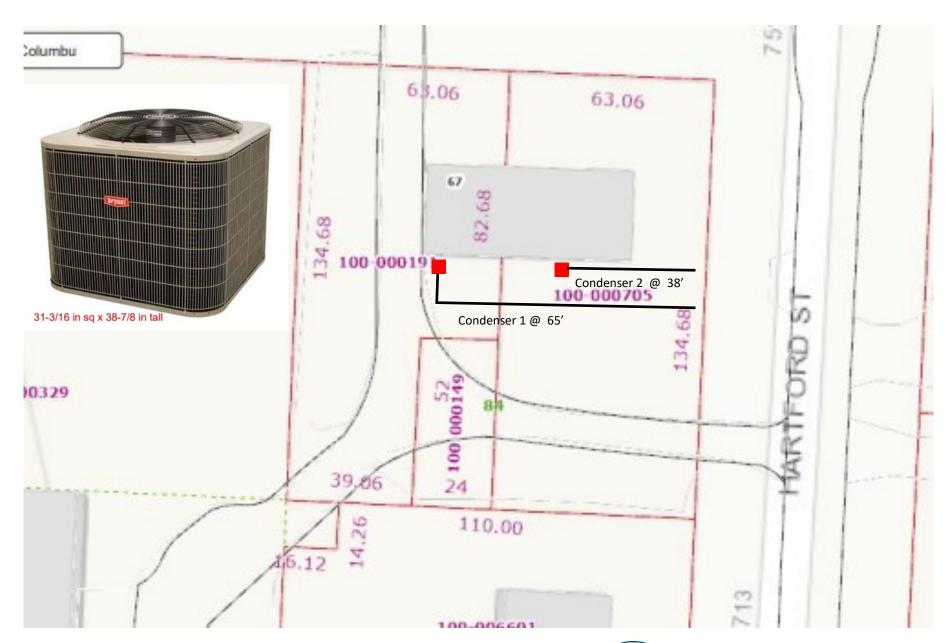
Mobile: (614) 804-5655

Invoice No. INV-00004225	Fee Architectural Review Board		Fee Amount \$15.00	Amount Paid \$15.00
		Total for Invoice INV-00004225	\$15.00	\$15.00
		Grand Total for Plan	\$15.00	\$15.00

# 67 E. Granville Rd.











# Legacy<sup>™</sup> Line Single-Stage Air Conditioner with Puron® Refrigerant 1-1/2 To 5 Tons



# **Product Data**



This unit has been designed utilizing Bryant's Puron refrigerant. The environmentally sound refrigerant allows you to make a responsible decision in the protection of the earth's ozone layer.

**NOTE:** Ratings contained in this document are subject to change at any time. Always refer to the AHRI directory (www.ahridirectory.org) for the most up-to-date ratings information.

# Industry leading Features / Benefits

#### **Efficiency**

- 13.8 16.0 SEER2 (14 16.5 SEER) / 11.2 13.0 EER2 (11.2 13.0 EER)
- Microtube Technology refrigeration system
- Indoor air quality accessories available

#### Reliability

- Puron refrigerant environmentally sound, won't deplete the ozone layer and low lifetime service cost.
- Scroll compressor
- Internal pressure relief valve
- · Internal thermal overload
- Filter drier

#### Durability

Duraguard™ Protection Package:

- · Solid, durable sheet metal construction
- · Dense wire coil guard

#### **Applications**

- Long—line up to 250 feet (76.20 m) total equivalent length, up to 200 feet (60.96 m) condenser above evaporator, or up to 80 ft. (24.4 m) evaporator above condenser (See Long Line Guide for more information.)
- Low ambient cooling (down to  $0^{\circ}F$  / -18°C ) with approved low ambient accessory kits.

#### STANDARD FEATURES

Features	18	24	30	36	42	48	60
Puron Refrigerant	X	X	X	Х	X	Х	Х
SEER2 (Range depending on indoor combination)	14.3 - 16	14.3 - 16	14.3 - 16	14.3 - 16	13.8 - 15	13.8 - 15	13.8 - 15
Scroll Compressor	X	X	X	Х	Х	Х	Х
Field Installed Filter Drier	X	X	X	X	Х	Х	X
Front Seating Service Valves	X	X	X	X	X	X	X
Internal Pressure Relief Valve	Х	X	X	X	X	X	Х
Internal Thermal Overload	Х	X	X	X	X	X	X
Long Line Capability	X	X	X	X	X	X	Х
Low Ambient Capability with Kit	X	X	X	Х	X	X	Х



# ARB APPLICATION ARB 0054-2023 159-161 E. Granville Rd.

Plan Type:Architectural Review BoardProject:App Date:06/30/2023

Work Class: Certificate of Appropriateness District: City of Worthington

Status: In Review

Valuation: \$7,000.00

**Description:** Tuck point and paint existing damaged brick. The previous owners had made attempts to fix the

brick in past creating a mess of sorts. There is Paint splattered on the brick and a very messy job done attempting to fix. I would like to paint the brick "Platinum Gray" from the Historical Collection Bejamin Moore and repaint thr trim white. I have spoken to the surrounding neighbors and they

agree that the brick has become an eyesore. Thank you for your cons

Parcel: 100-000682 Main Address: 161 E Dublin-Granville Rd Main Zone: R-10(Low Density Residence)

Worthington, OH 43085

Meetings:

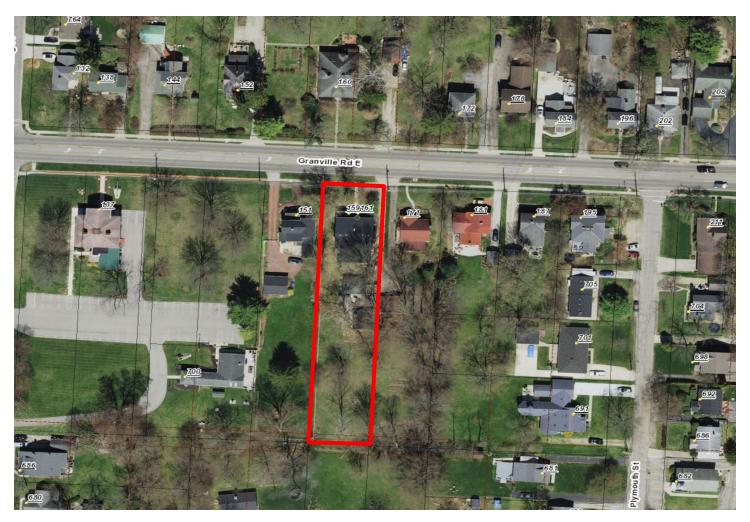
7-13-2023 Tabled (No Applicant)

Applicant / Owner Andrew Silverman 159-161 East Dublin Granville Rd Worthington, OH 43085

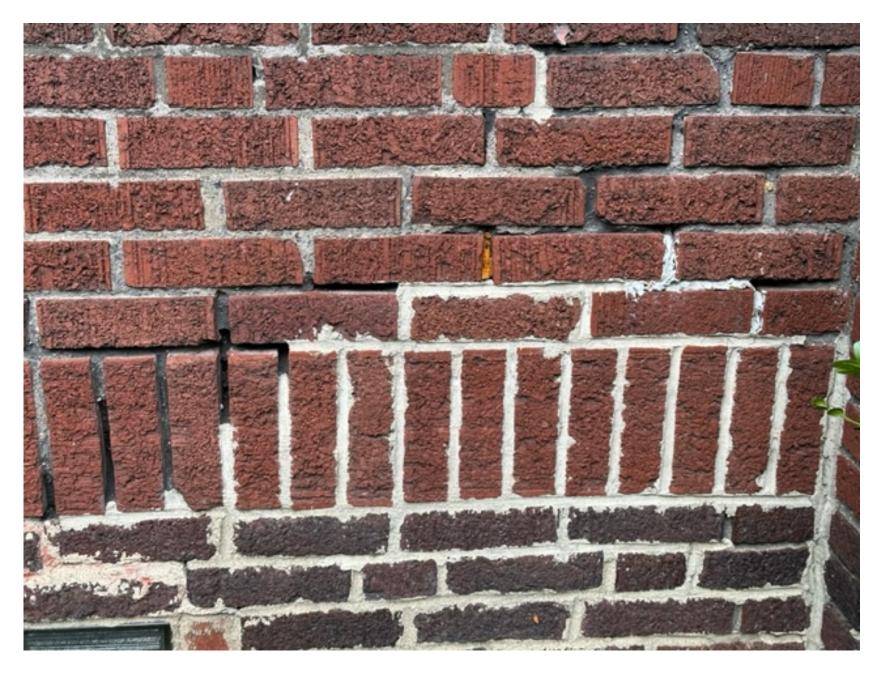
Mobile: (614) 353-3483

Invoice No. Fee INVOICED Architectural Review Board		Fee Amount \$7.00	Amount Paid \$7.00
	Total for Invoice INVOICED	\$7.00	\$7.00
	Grand Total for Plan	\$7.00	\$7.00

# 159-161 E. Dublin-Granville Rd.







CITY OF WORTHINGTON

DRAWING NO. ARB 0054-2023

DATE 06/30/2023



CITY OF WORTHINGTON
DRAWING NO. ARB 0054-2023
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DRAWING NO. ARB 0054-2023

DATE 06/30/2023



CITY OF WORTHINGTON
DRAWING NO. ARB 0054-2023

DATE 06/30/2023



# **ARB APPLICATION** ARB 0056-2023 44 W. New England Ave.

Architectural Review Board Plan Type:

Project:

App Date:

07/11/2023

Work Class: Certificate of Appropriateness

In Review

\$8,000.00

District:

City of Worthington

Exp Date:

Completed:

**Approval Expire Date:** 

**Description:** Demolition of the addition on the North side of the building.

Main

100-000679 Parcel:

Address: 44 W New England Ave Worthington, OH 43085 Main

**Zone:** C-5(Central Commercial)

Applicant

Status:

Valuation:

Owner

Kevin Rohyans 634 High St Suite A 44 New England LLC 634 HIGH ST A

Worthington, OH 43085 Business: 6143329237

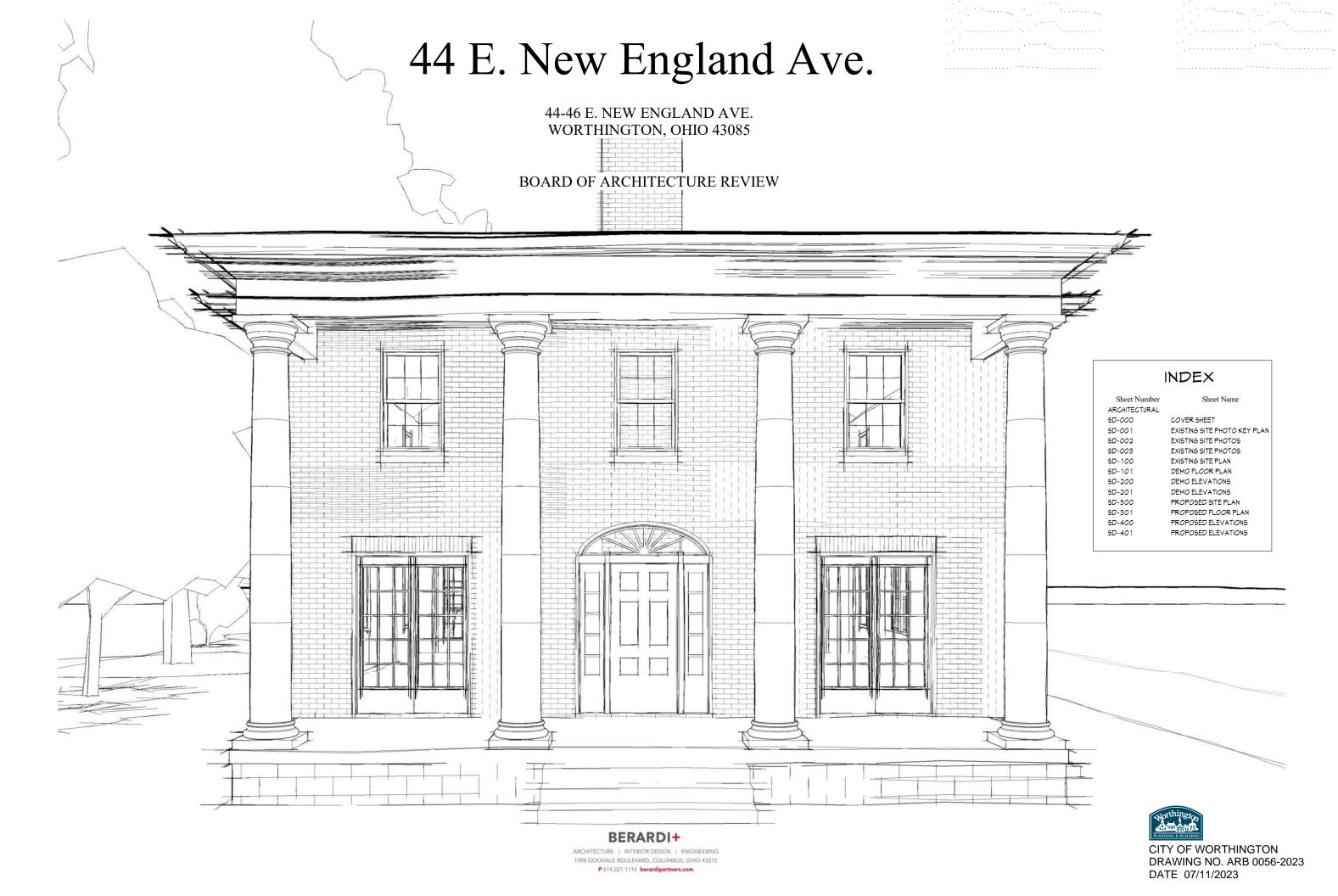
Worthington, OH 43085

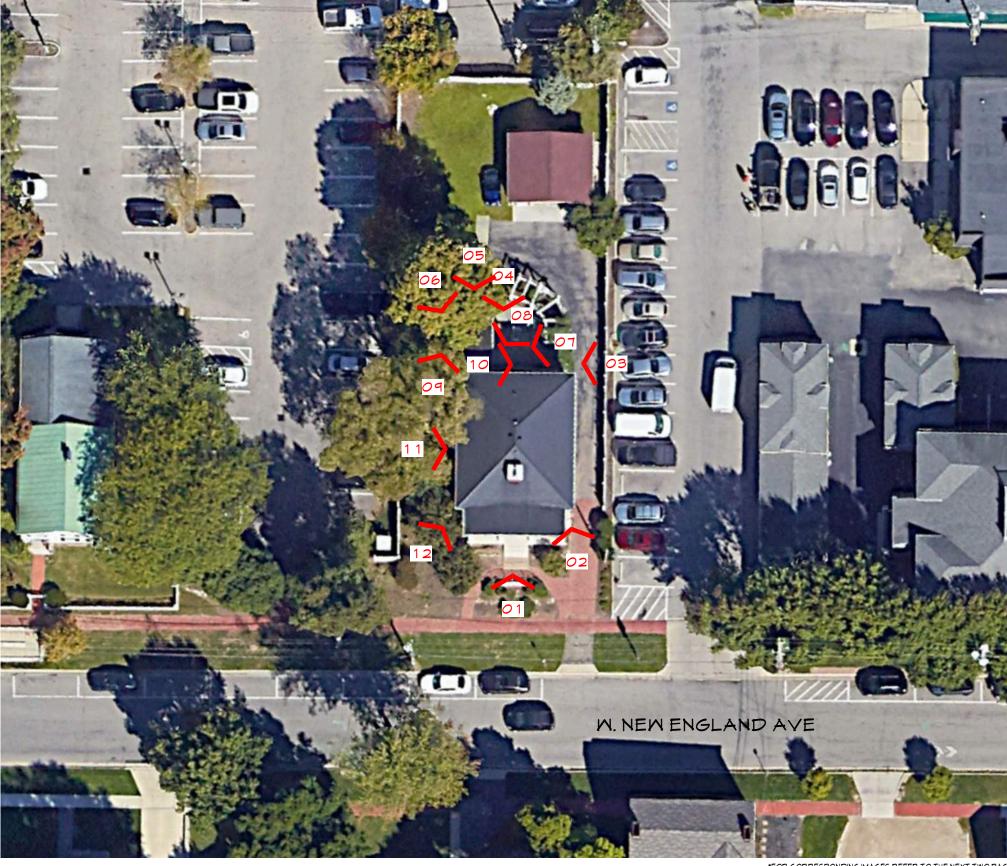
Invoice No.	Fee		Fee Amount	Amount Paid
INV-00004215	Architectural Review Board		\$8.00	\$0.00
		Total for Invoice INV-00004215	\$8.00	\$0.00
		Grand Total for Plan	\$8.00	\$0.00

# 44 W. New England Ave.









44-46 E. NEW ENGLAND AVE WORTHINGTON, OHIO 43085

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## BOARD OF ARCHITECTURE **REVIEW**

CITY OF WORTHINGTON DRAWING NO. ARB 0056-2023 DATE 07/11/2023 PROJECT #:

> **EXISTING SITE** РНОТО КЕҮ

PLAN SD-001

BERARDI+

\*FOR CORRESPONDING IMAGES REFER TO THE NEXT TWO PAGES

# 44 E. New England Ave.

44-46 E. NEW ENGLAND AVE WORTHINGTON, OHIO 43085

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ARCHITECTURE **REVIEW** 

BOARD OF

07/11/2023 PROJECT #:

**EXISTING SITE PHOTOS** 

SD-002

BERARDI+



IMAGE 02: VIEW FACING NORTHWEST SHOWING EAST ELEVATION





IMAGE O 1: VIEW FACING NORTH FROM NEW ENGLAND AVE

IMAGE 04: VIEW FACING SOUTH SHOWING NORTH ELEVATION



IMAGE 05: VIEW FACING SOUTH



IMAGE 06: VIEW FACING SOUTHEAST SHOWING WEST ELEVATION

# 44 E. New England Ave.



IMAGE 07: VIEW FACING WEST SHOWING EAST ELEVATION



IMAGE 08: VIEW FACING WEST SHOWING BUILDING CONNECTION



IMAGE 09: VIEW FACING NORTHEAST SHOWING WEST ELEVATION

44-46 E. NEW ENGLAND AVE WORTHINGTON, OHIO 43085

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IMAGE 10: VIEW SHOWING STAIRS TO FOUNDATION LEVEL



IMAGE 11: VIEW FACING EAST SHOWING WEST ELEVATION



IMAGE 12: VIEW FACING NORTHEAST SHOWING PARTIAL WEST ELEVATION



## BOARD OF ARCHITECTURE REVIEW

DATE: 07/11/2023 PROJECT #: 23113

EXISTING SITE PHOTOS

SD-003

BERARDI+

CHITECTURE | INTERIOR DESIGN | ENGINEERING 8 GOODALE BOULEVARD, COLUMBUS, OHIO 43212 P.614-221-1310 berardinarthurs.com



#### **Building Area Legend** GENERAL ZONING INFORMATION:

CONTRACT

PARKING

ADDRESS: 44-46 E New England Avenue, Worthington, Ohio PARCEL NUMBER: 100-000679 ZONING CLASSIFICATION/DISTRICT: C-5 TOTAL SITE AREA: 11,380 sf FLOOD INSURANCE RATE MAP NUMBER: Zone X MOST RECENT EFFECTIVE DATE OF FIRM: tbd BASE FLOOD ELEVATION: none

44-46 E. NEW ENGLAND AVE WORTHINGTON, OHIO 43085

44 E. New England Ave.

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#### GENERAL PROJECT INFORMATION:

EXISTING ZONING MAXIMUM BUILDING HEIGHT: 45 feet, 3 stories EXISTING BUILDING HEIGHT: 28'-0" t.o. Ridge BUILDING USE: Residential EXISTING BUILDING AREA: 2,102 sf PROPOSED BUILDING AREA: 1,915 sf NUMBER OF DWELLING UNITS (RESIDENTIAL ONLY): 2

#### SITE DATA TABLE:

TOTAL SITE AREA: 11,380 sf TOTAL DISTURBED AREA: 1,148 sf (187 sf (building);961 sf (site)) PRE-DEVELOPED IMPERVIOUS: 5,168 sf POST-DEVELOPED IMPERVIOUS: 5,084 sf

#### PARKING CALCULATION:

EXISTING TO REMAIN

CITY OF WORTHINGTON **DRAWING NO. ARB 0056-2023** DATE 07/11/2023

# location map - not to scale



# **BOARD OF ARCHITECTURE REVIEW**

DATE: PROJECT #:

07/11/2023 23113

**EXISTING SITE PLAN** 

**SD-100** 

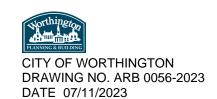
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ARCHITECTURE | INTERIOR DESIGN | ENGINEERING 1398 GOODALE BOULEVARD, COLUMBUS, OHIO 43212

44-46 E. NEW ENGLAND AVE WORTHINGTON, OHIO 43085

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## **BOARD OF** ARCHITECTURE **REVIEW**

DATE: PROJECT #:

07/11/2023

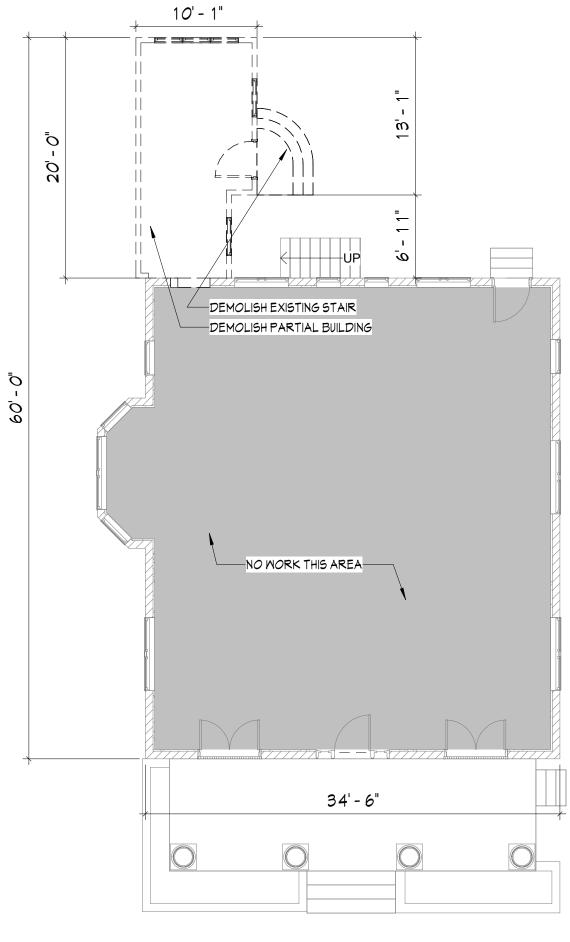
23113

DEMO FLOOR **PLAN** 

SD-101

BERARDI+

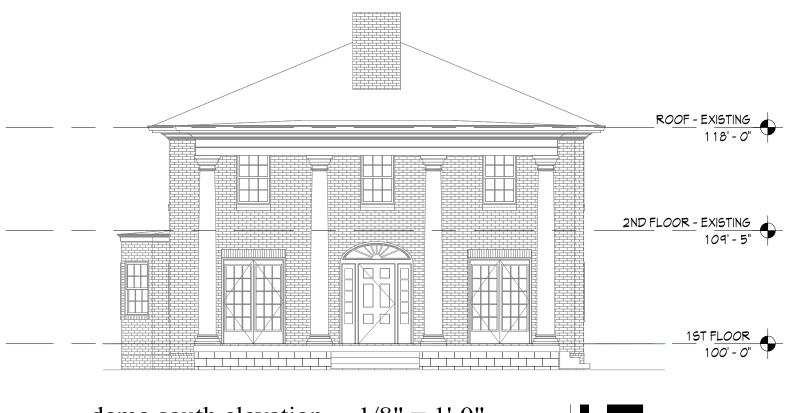
P 514,221,1110 berardipartners.com



demo first floor plan 1/8" = 1'-0"







demo south elevation 1/8" = 1'-0"



demo north elevation

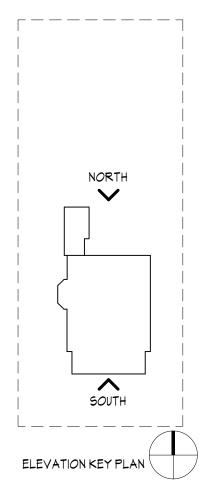
1/8" = 1'-0"



44-46 E. NEW ENGLAND AVE

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# BOARD OF ARCHITECTURE REVIEW

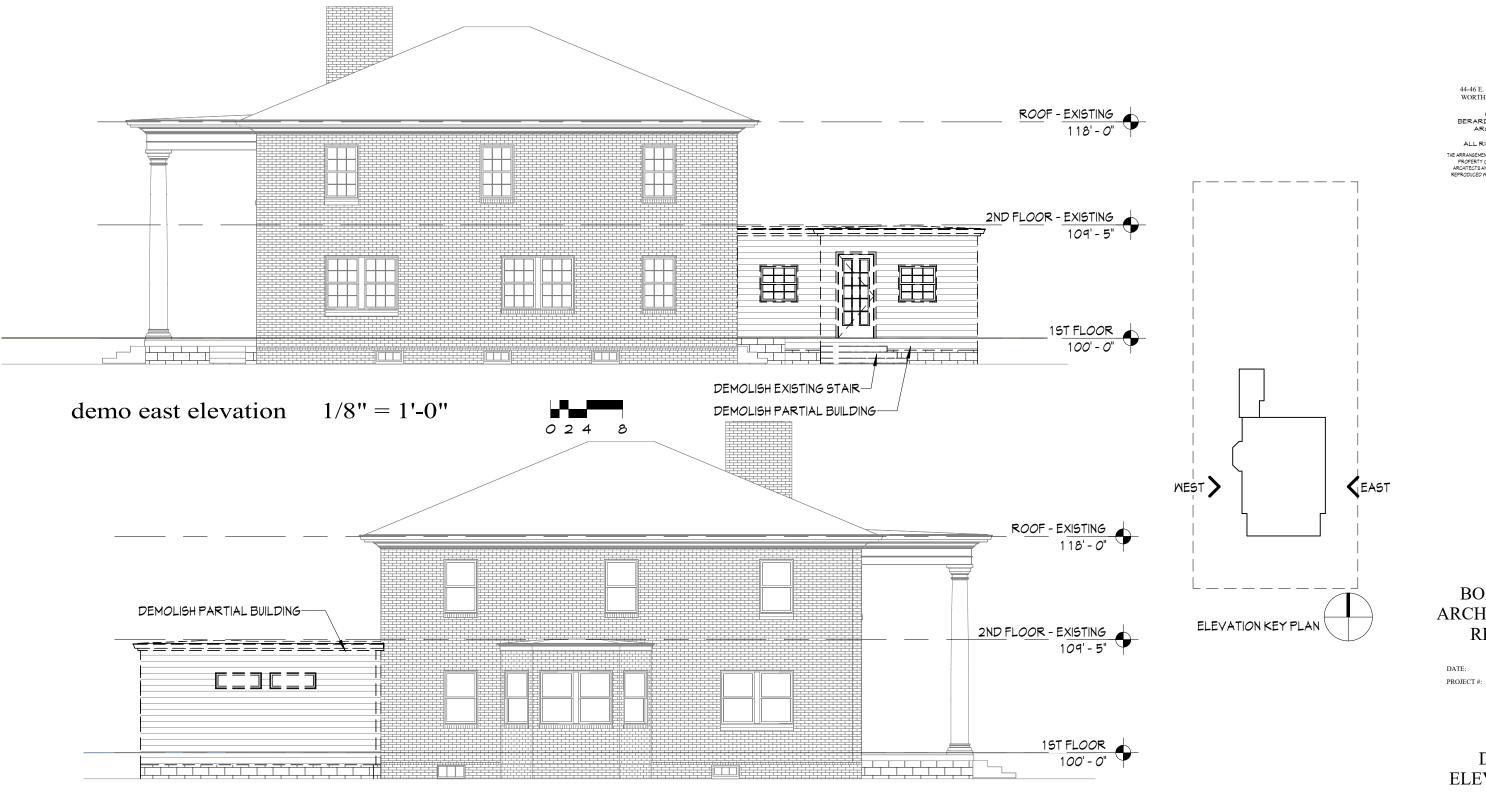
DATE: 07/11/2023 PROJECT #: 23113

DEMO ELEVATIONS

SD-200

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1/8" = 1'-0"

demo west elevation

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BOARD OF ARCHITECTURE REVIEW

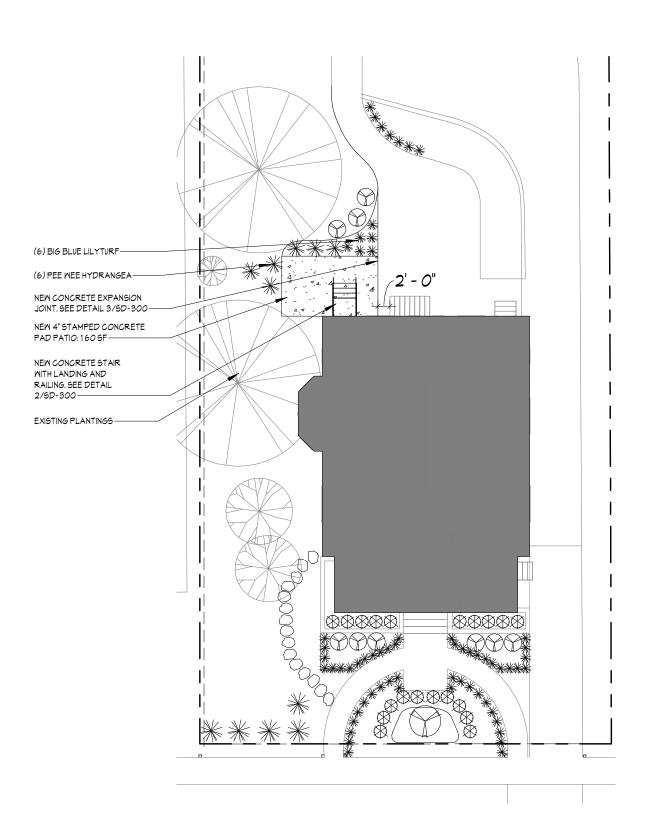
3: 07/11/2023

DEMO ELEVATIONS

SD-201



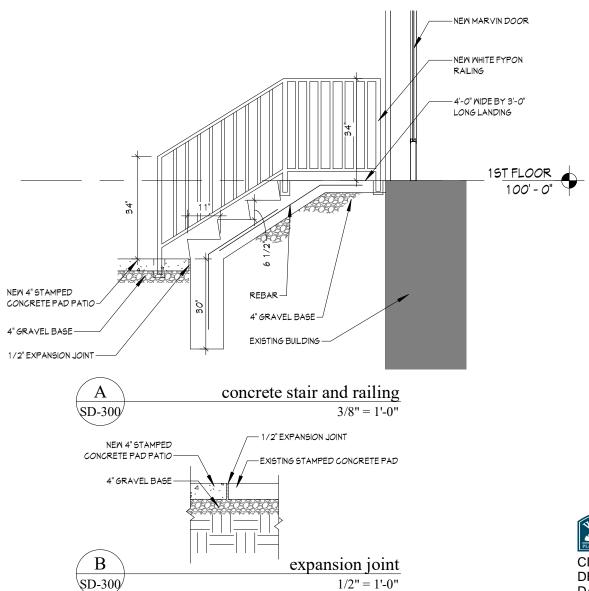
BERARDI+
ARCHITECTURE | INTERIOR DESIGN | ENGINEERING



proposed site plan 1/16" = 1'-0"







# location map - not to scale



# 44 E. New England Ave.

44-46 E. NEW ENGLAND AVE

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CITY OF WORTHINGTON DRAWING NO. ARB 0056-2023 DATE 07/11/2023

## **BOARD OF ARCHITECTURE REVIEW**

DATE: 07/11/2023 PROJECT #:

PROPOSED SITE **PLAN** 

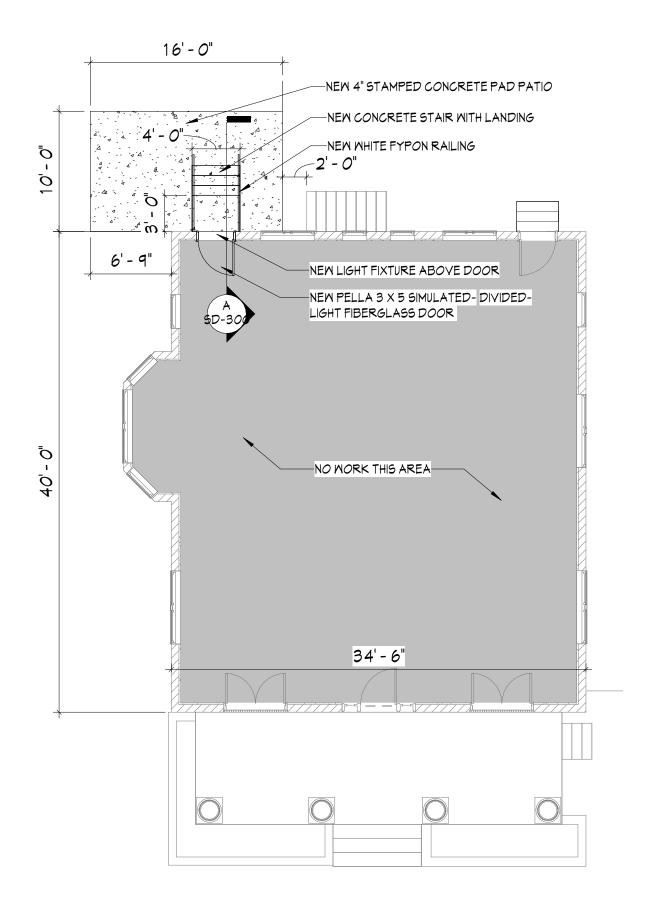
SD-300

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44-46 E. NEW ENGLAND AVE WORTHINGTON, OHIO 43085

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proposed first floor plan

1/8" = 1'-0"





CITY OF WORTHINGTON DRAWING NO. ARB 0056-2023 DATE 07/11/2023

## BOARD OF ARCHITECTURE REVIEW

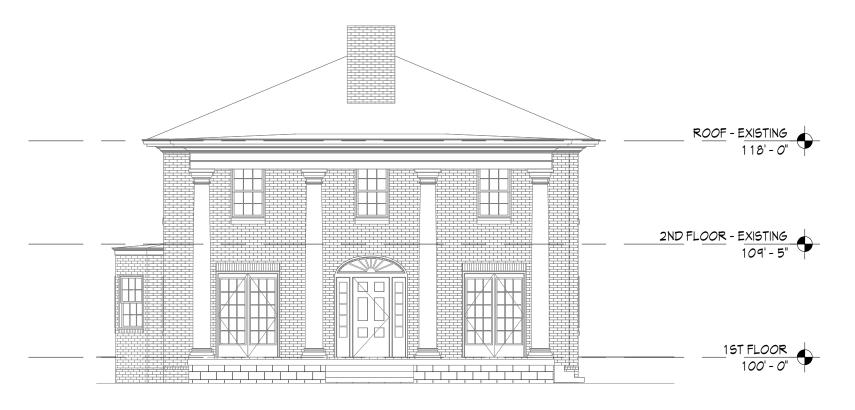
DATE: 07/11/2023 PROJECT #: 23113

PROPOSED FLOOR PLAN

SD-301

BERARDI+

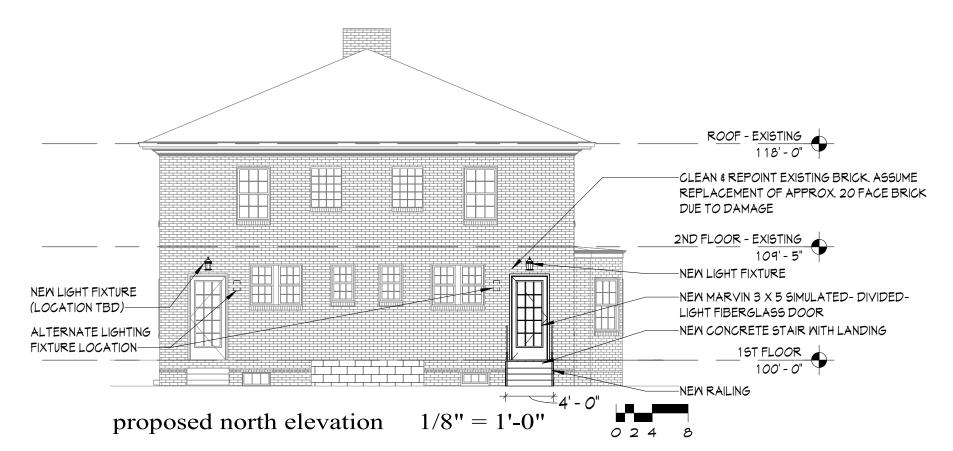
ARCHITECTURE | INTERIOR DESIGN | ENGINEERING 1398 GOODALE BOULEVARD, COLUMBUS, OHIO 43212



proposed south elevation

1/8" = 1'-0"

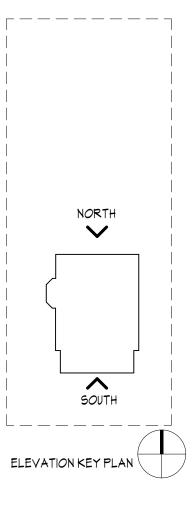




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DATE 07/11/2023

## BOARD OF ARCHITECTURE REVIEW

DATE: PROJECT #:

OJECT#: 2

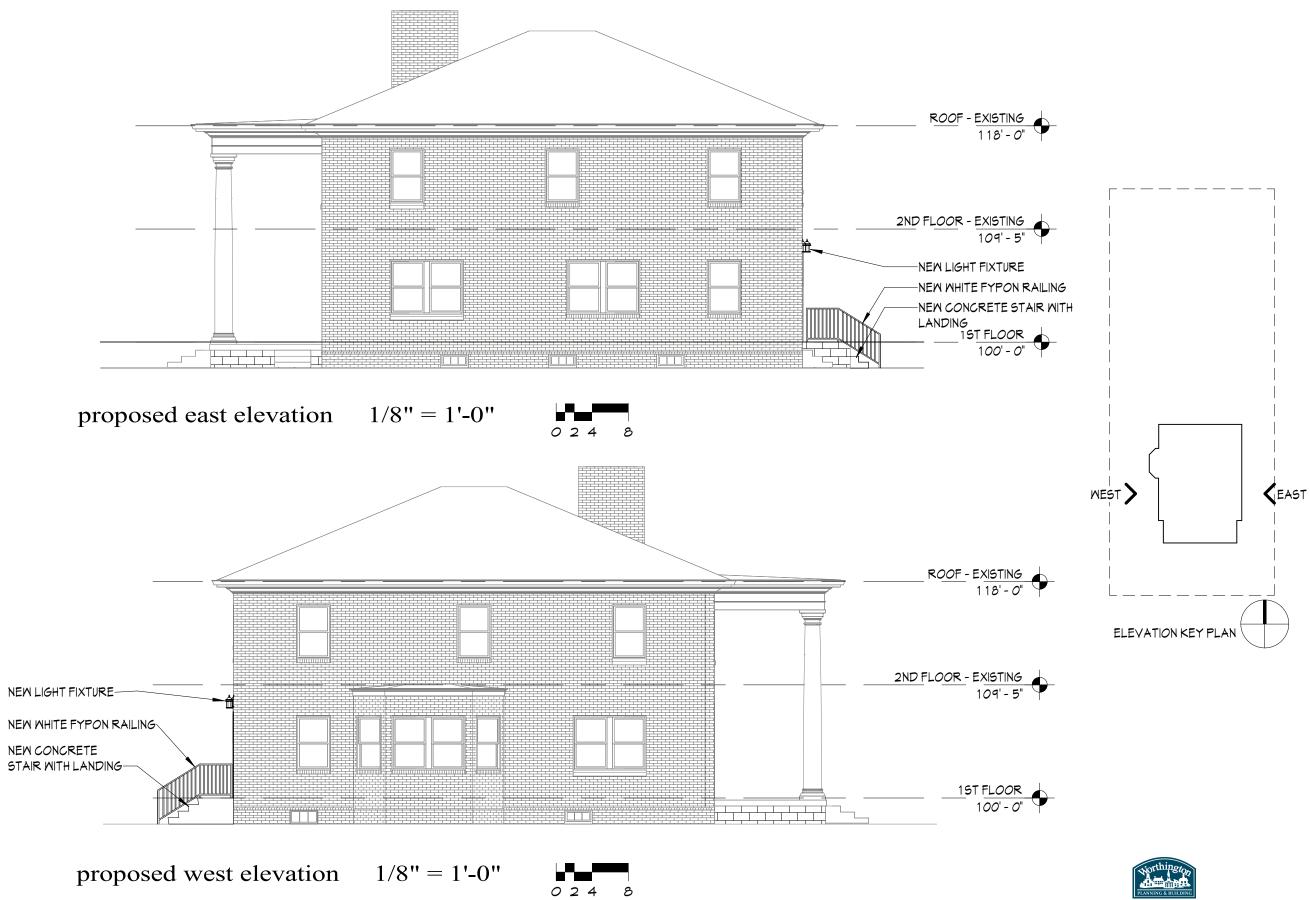
07/11/2023

PROPOSED ELEVATIONS

SD-400

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BOARD OF ARCHITECTURE REVIEW

DATE: 07/11/2023 PROJECT #: 23113

PROPOSED ELEVATIONS

SD-401

CITY OF WORTHINGTON
DRAWING NO. ARB 0056-2023

DATE 07/11/2023

BERARDI+

ARCHITECTURE | INTERIOR DESIGN | ENGINEERING
1398 GOODALE BOULEVARD, COLUMBUS, OHIO 43212



## ARB APPLICATION ARB 0059-2023 541 Oxford St.

Plan Type: Architectural Review Board Project: App Date: 07/14/2023

Work Class: Certificate of Appropriateness District: City of Worthington Exp Date:

Status: In Review Completed:

Valuation: \$300,000.00 Approval
Expire Date:

**Description:** 16' x 28' 4" sunroom addition with full basement foundation off of the west side (rear) of house. South and West elevation with consist of colonial inspired trim and windows. North side will consist of board and batten siding with an entrance. Exterior paint will be a white color match to existing house. Extension of second floor master bedroom to accommodate glass sliding door to walk out to

a composite deck on the roof of single-story sunroom addition.

Parcel:100-000067MainAddress:541 Oxford StMainZone:R-10(Low Density Residence)Worthington, OH 43085

Applicant Owner Owner

RAS Construction Molly Pasternack Matthew Pasternack Kyle Kocheran 541 OXFORD ST 541 OXFORD ST 351 W SOUTH ST Worthington , OH 43085 Worthington , OH 43085 Home: 6145703122 Home: 6145703122

Business: 6146793863

Invoice No. INV-00004226	Fee Architectural Review Board		Fee Amount \$200.00	Amount Paid \$200.00
		Total for Invoice INV-00004226	\$200.00	\$200.00
		Grand Total for Plan	\$200.00	\$200.00

# 541 Oxford St



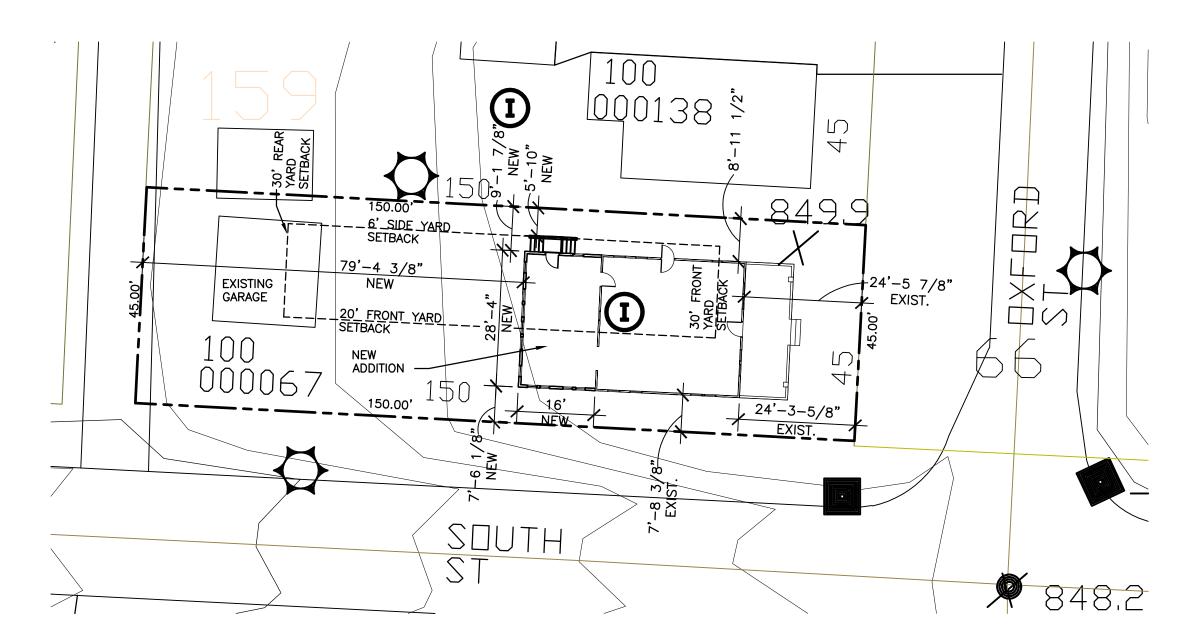


<u></u> RESIDENCE WORTHINGTON, OHIO ADDITION FOR 541 OXFO



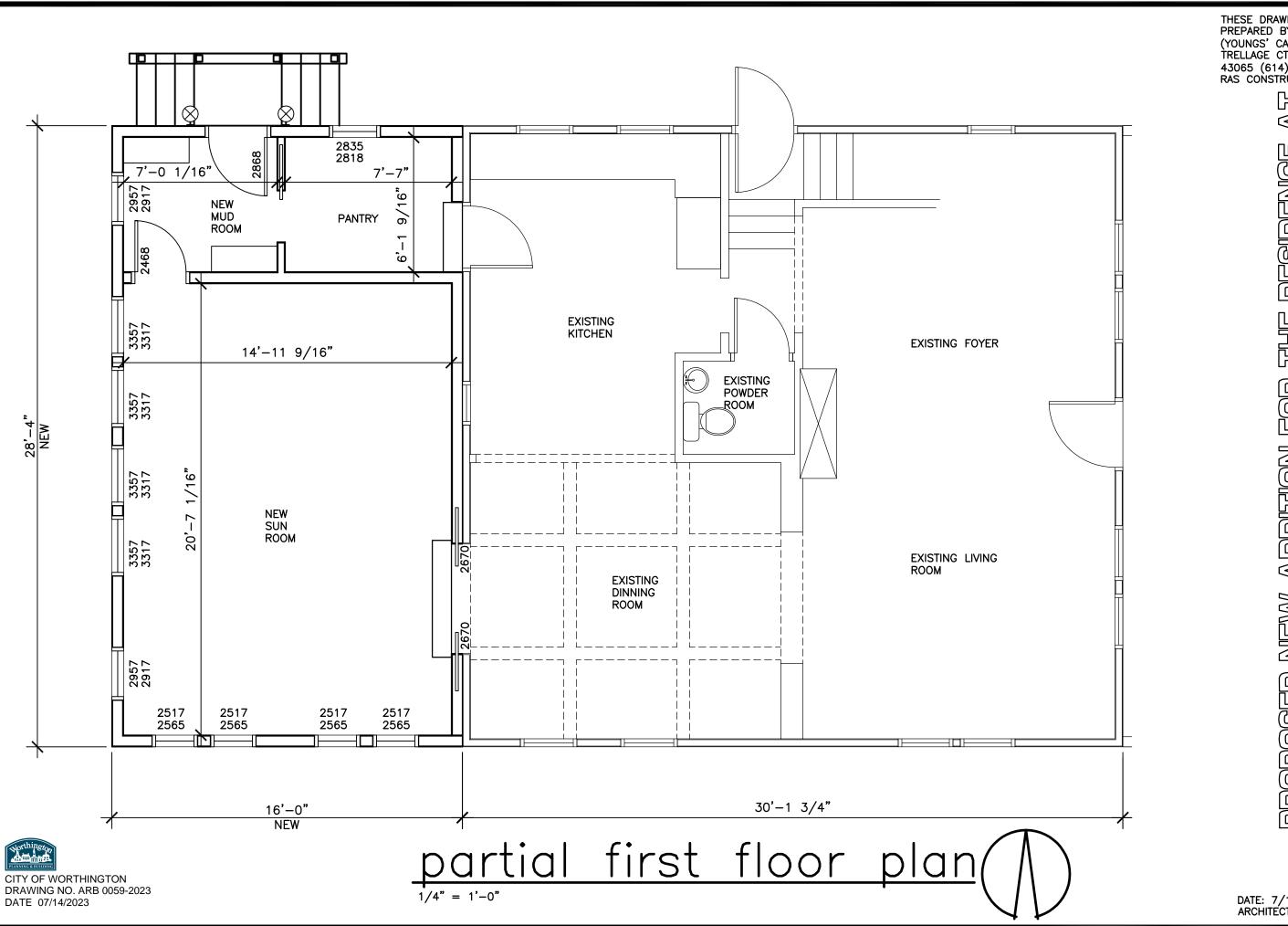
DATE: 7/12/2023 SET: ARCHITECTURAL REVIEW SET

THESE DRAWINGS HAVE BEEN PREPARED BY JOHN YOUNG (YOUNGS' CAD SERVICE) 7952 TRELLAGE CT. POWELL, OHIO 43065 (614) 507–9678 FOR RAS CONSTRUCTION. <u>Q</u>



1" = 20'-0" plan

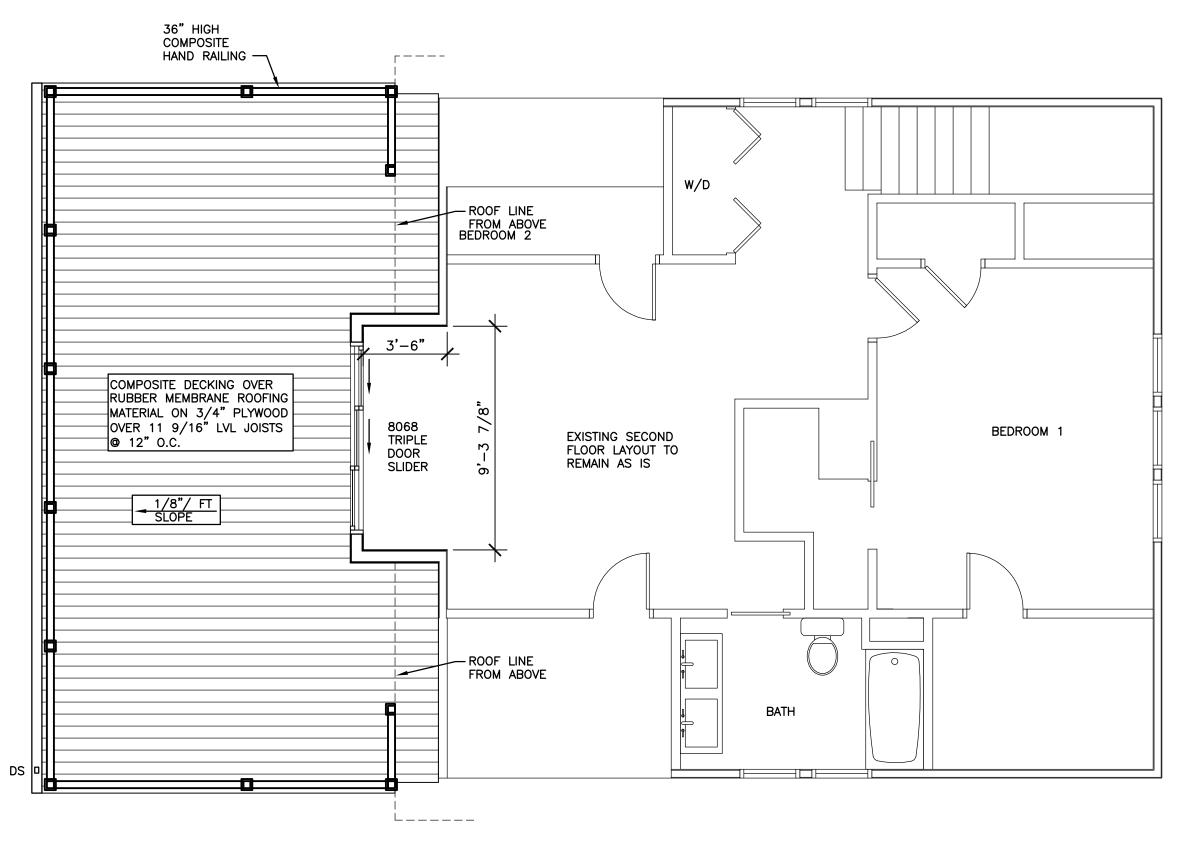




THESE DRAWINGS HAVE BEEN PREPARED BY JOHN YOUNG (YOUNGS' CAD SERVICE) 7952 TRELLAGE CT. POWELL, OHIO 43065 (614) 507–9678 FOR RAS CONSTRUCTION.

<u></u> Ö RESIDENCE <u>Q</u> WORTHINGTON, OHIO ADDITION FOR 541 OXFO

DATE: 7/12/2023 SET: ARCHITECTURAL REVIEW SET



second floor plan

CITY OF WORTHINGTON DRAWING NO. ARB 0059-2023

DATE 07/14/2023



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<u></u> RESIDENCE <u>Q</u> WORTHINGTON, OHIO ADDITION FOR 541 OXFO

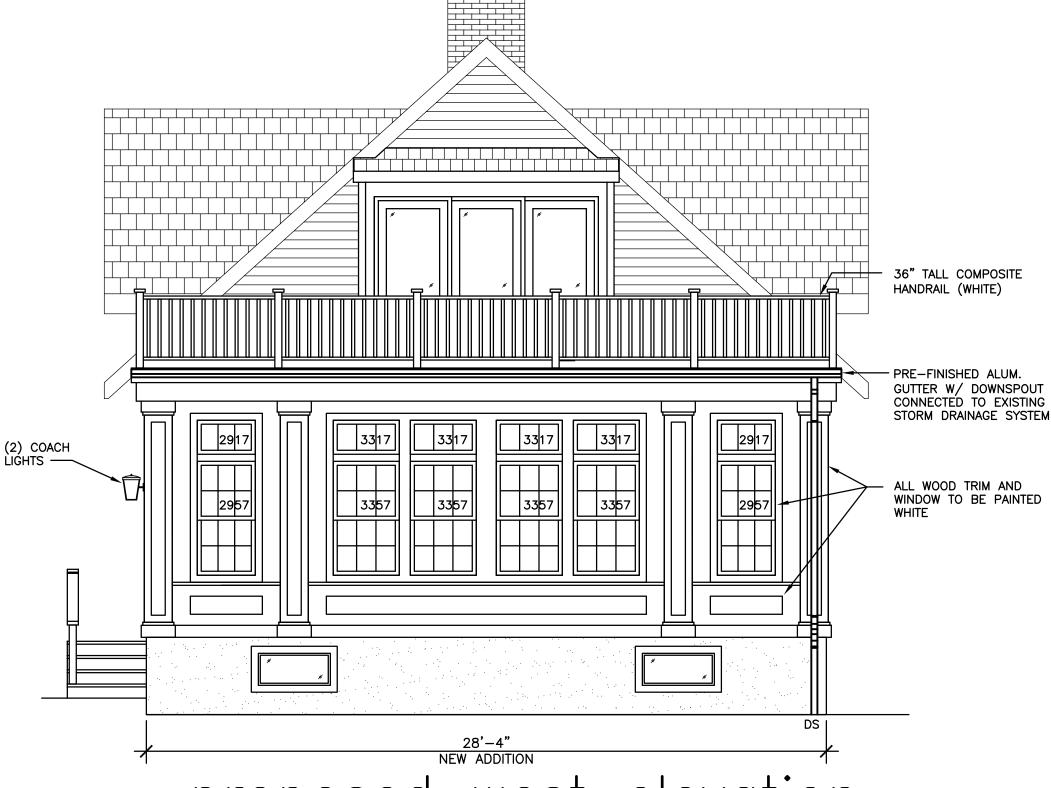
DATE: 7/12/2023 SET: ARCHITECTURAL REVIEW SET



5

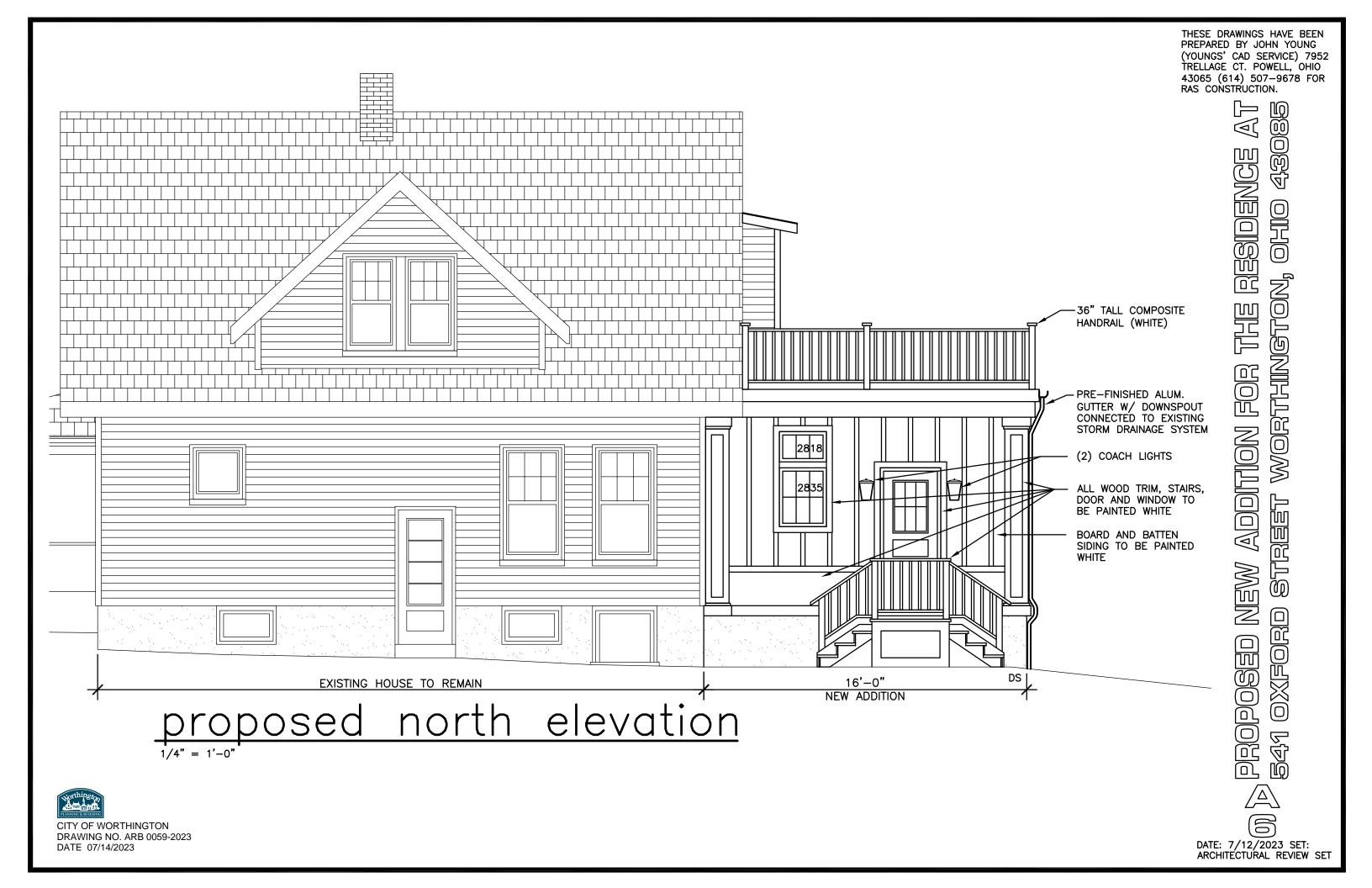
DATE: 7/12/2023 SET: ARCHITECTURAL REVIEW SET

THESE DRAWINGS HAVE BEEN PREPARED BY JOHN YOUNG (YOUNGS' CAD SERVICE) 7952 TRELLAGE CT. POWELL, OHIO 43065 (614) 507-9678 FOR RAS CONSTRUCTION.



proposed
1/4" = 1'-0" west elevation







# **ARB & MPC APPLICATIONS** ARB 0057-2023 & ADP 08-2023 6700 N. High St.

ARB & ADP Plan Type:

Project:

App Date:

07/12/2023

Work Class: Certificate of Appropriateness

District: City of Worthington **Exp Date:** 

Amendment to Development Plan

Completed:

Status: In Review **Approval** 

\$40,000.00 Valuation:

**Expire Date:** 

Description: Install new LED illuminated monument sign with 6 tenant panels

Owner

100-002642 Parcel:

Main

Address: 6700 N High St

Worthington, OH 43085

Main

Zone: C-3(Institutions and Offices)

Applicant

DANITE SIGN CO Oliver Holtsberry 1640 Harman Ave.

Dan O'Harra 50 W. Broad St. Columbus, OH 43215

Columbus, OH 43223 Mobile: (614) 813-8727 Business: (614) 444-3333 Mobile: 4192963664

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00004218	Architectural Review Board		\$40.00	\$40.00
		Total for Invoice INV-00004218	\$40.00	\$40.00
		Grand Total for Plan	\$40.00	\$40.00
		Grand Total for Plan	\$40.00	_

Invoice No.	Fee		Fee Amount	<b>Amount Paid</b>
INV-00004219	Amendment to Development Plan		\$50.00	\$50.00
		Total for Invoice INV-00004219	\$50.00	\$50.00
		Grand Total for Plan	\$50.00	\$50.00

# 6700 N. High St.





# **Supporting Statement**

Address: 6700 N High Street Worthington, OH 43085

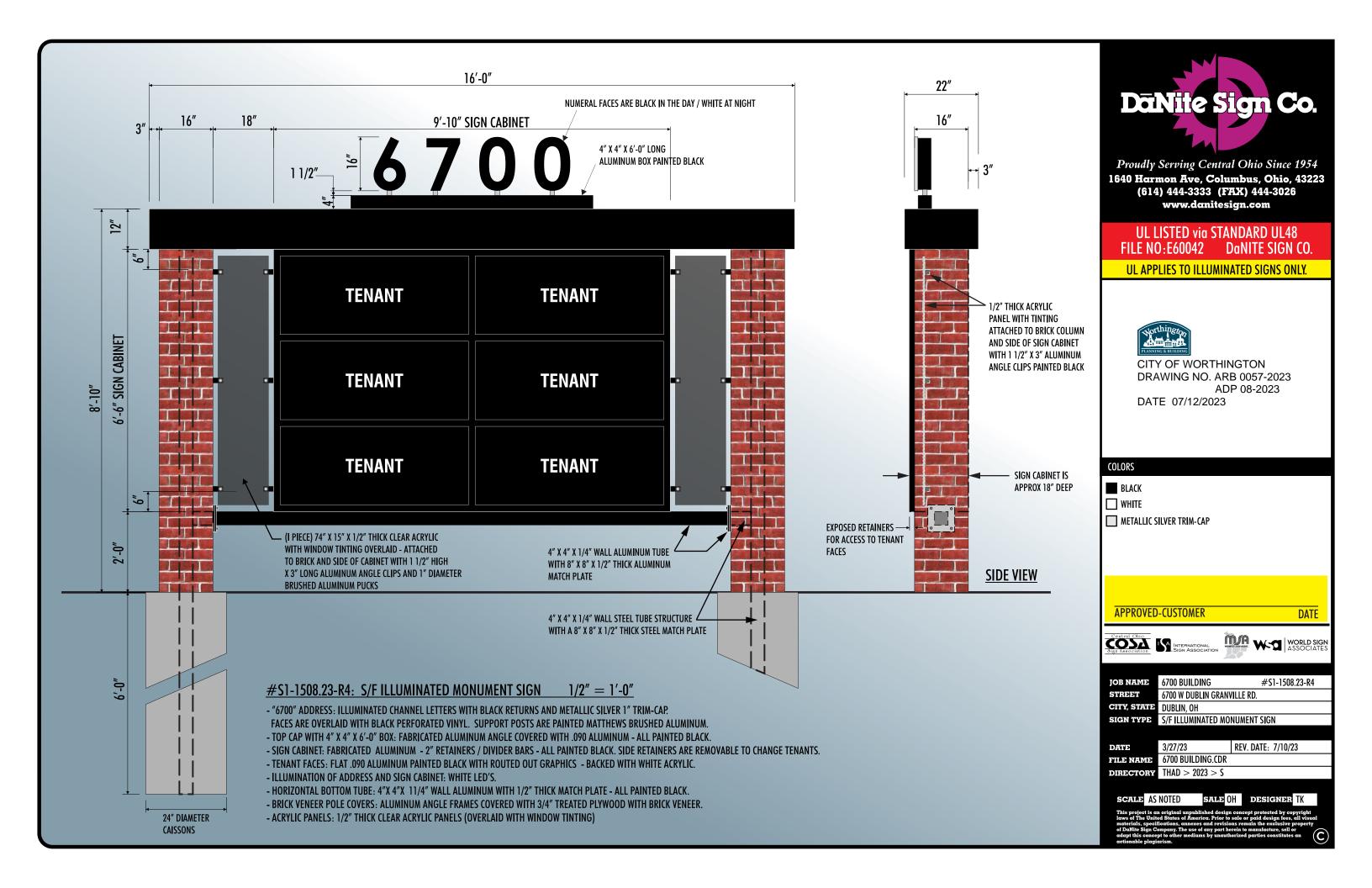
We are proposing to install (1) single-sided new monument sign. LED Illuminated with 6 tenant panels.

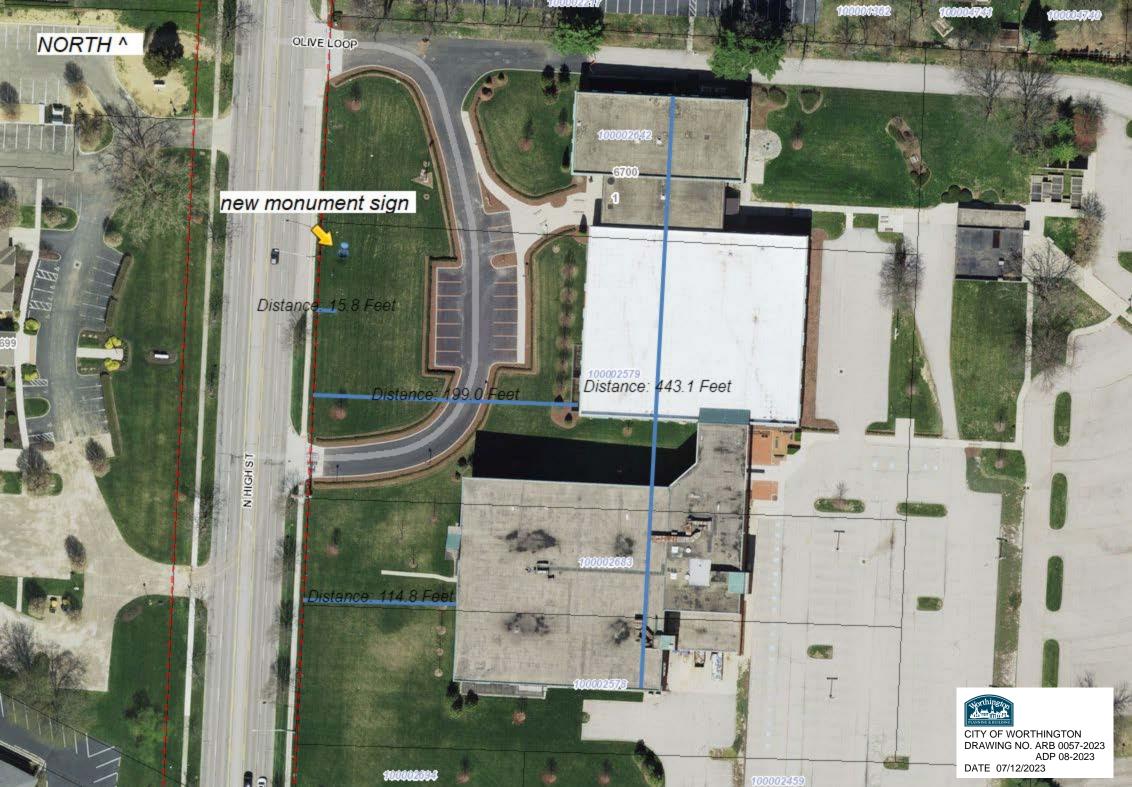
The overall building frontage is 443.1 feet. The closest point of the building to the right-of-way is 114.8 feet with the other parts of the building setting back even farther. There are also 3 separate drive-way entrances onto the property here.

With so much frontage & access to this property, we feel it is sufficient enough to ask for a variance here:

- The variance would be to have 6 tenants on the new monument sign. I believe the code typically only allows for 4 tenants on a monument sign.
  - With such a large property here, the owner is going to have many different storefronts with nearly all of them needing a sign out by the road. With allowing 6 tenants on the sign, it will help these businesses have success & the building owner to more easily rent the spaces available. Also, it will keep tenants from pursuing their own ground signs down the road which will keep the property much more clean & less cluttered with signage.

We hope you will consider our request as we have tried hard to balance the line between the allowable signage via the zoning code & what makes sense for the property. We strive to achieve a greater success rate for the tenants in the building & the signage plays a big role. Thank you for your time!







# **MPC APPLICATION ADP 07-2023** 100 Old Wilson Bridge Rd.

Amendment to Development Plan Plan Type:

Project:

App Date:

07/11/2023

Work Class: Amendment to Development Plan

District:

City of Worthington

**Exp Date:** 

Completed:

In Review \$72,600.00

**Approval** 

**Expire Date:** 

Status:

Valuation:

Applicant

Description: Request a variance for an emergency generator installation behind the building due to the required

setback being within 50' adjacent to the highway right-of-way.

100-005855 Parcel:

Address: 100 Old Wilson Bridge Rd

Main

Zone: C-3(Institutions and Offices)

Main

Worthington, OH 43085

Tammy Corrado 9002 Cotter Street Lewis Center, OH 43035

Business: (614) 880-4111

Contractor JCORR LLC

9002 COTTER ST LEWIS CENTER, OH 43035

Business: 6148804111

Owner

Corporate Hill LLC 470 Old Worthignton Rd Westerville, OH 43082

Invoice No. INV-00004216	<b>Fee</b> Amendment to Development Plan		Fee Amount \$50.00	Amount Paid \$0.00
		Total for Invoice INV-00004216	\$50.00	\$0.00
		Grand Total for Plan	\$50.00	\$0.00

# 100 Old Wilson Bridge Rd.





PROJECT

MECHANICAL EQUIPMENT INSTALLATION:

> CORPORATE HILL LLC 100 Old Wilson Bridge Road Columbus, Ohio 43085

# PROPERTY DATA

100-005855-00 100-005859-00 PARCEL NO: MUNICIPALITY: WORTHINGTON

PROPERTY CLASS: COMMERCIAL 449-ELEVATOR OFC BLDG 3 STORY 100-WORTHINGTON LAND USE: TAX DISTRICT:

NEIGHBORHOOD: FLOOR ZONE: X3500 ZONE X

ALL CONTRACTORS SHALL REVIEW ALL DRAWINGS. CONTRACTORS ARE RESPONSIBLE FOR COMPLETED REVIEW ITEMS AFFECTING ALL TRADES ARE PLACED THROUGHOUT THE SET OF DRAWINGS.

THIS PROJECT IS NOT CONSIDERED COMPLETE UNTIL ALL APPLICABLE PERMITS FROM GOVERNING AUTHORITIES HAVE BEEN ISSUED. IF CONTRACTOR SUBMITS THESE PLANS AND RECEIVES ANY CORRECTION OR ADDENDUM LETTER, HE MUST CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION REGARDING ANY CORRECTIVE MEASURES WHICH MAY NEED TO BE TAKEN.

CONTRACTOR SHALL FURNISH MATERIALS, LABOR, AND EQUIPMENT PER CONTRACT.
CONTRACTOR SHALL COMPLETE PROJECT IN ACCORDANCE WITH ALL LOCAL AND STATE
GOVERNING AUTHORITIES AND AUTHORITIES HAVING JURISDICTION OVER THIS WORK.

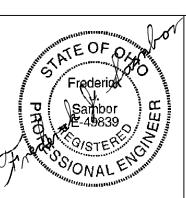
DRAWINGS INDICATED THE MINIMUM STANDARDS BUT, IF ANY WORK SHOULD BE INDICATED TO BE SUBSTANDARD TO ANY ORDINANCES, LAWS, CODES, RULES, OR REGULATIONS BEARING ON THE WORK, THE CONTRACTOR SHALL INCLUDE IN HIS WORK, AND SHALL EXECUTE THE WORK CORRECTLY IN ACCORDANCE WITH SUCH ORDINANCES, LAWS, CODES, RULES, OR REGULATIONS WITH NO INCREASE IN COST.





OVERALL PARCEL SITE PLAN

SCALE: 1"=60'



9002 COTTER STREET LEWIS CENTER, OHIO

JCORR MECHANICAL

REVISIONS REV 1 - 7/7/2023

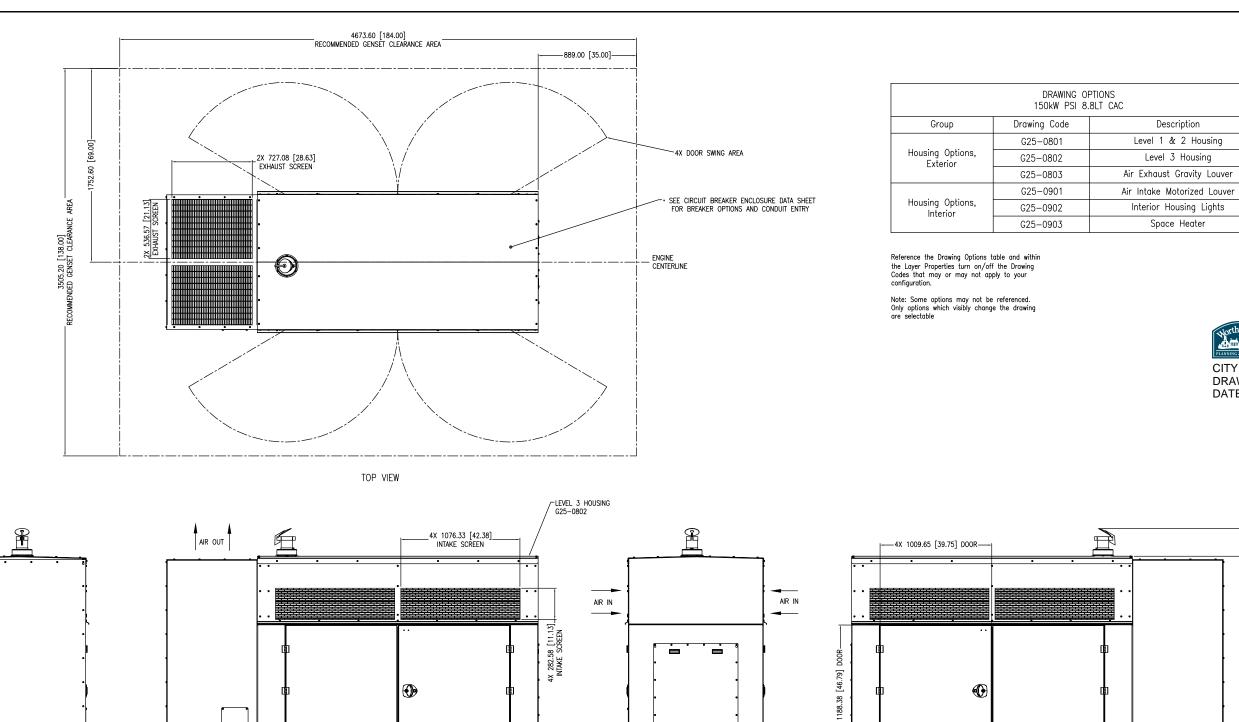
SCALE: AS NOTED

DATE: 26 JUNE 2023

SHEET NO.

100-006788





CITY OF WORTHINGTON DRAWING NO. ADP 07-2023 DATE 07/11/2023

-2271.42 [89.43]

		FRONT VIEW		889.00 [35.00]	1168.40 [46.00] 1219.20 [48.00]	233.20 [9.18]————————————————————————————————————	6X Ø19 [Ø.748]  BASE MOUNTING HOLES  -2090.90 [82.32]  RIGHT VIEW	(5.75) (8.00) (9.00) (9.00) (9.00) (9.00)	
		FRUNI VIEW	LEFT	VICW	LEAN VIEW	APPLICABLE MODELS:		DIMENSIONAL	LAYOUT
					A Rolls-Royce solution	MTU 8V0110 GS150	THIRD ANGLE PROJECTION	DESCRIPTION:	Genset Housing
							DRAWN TO SCALE DIMENSIONS: MM [INCH]	ENGINE: PSI 8.8LT CAC	
REVISION	DATE	DESCR	RIPTION	all industrial property richts reserved. Disclosure, reproduction or Express permission has been given. Any infringement	USE FOR ANY OTHER PURPOSE IS PROHIBITED UNLESS OUR RESULTS IN LIABILITY TO PAY DAMAGES.		DATE CREATED: 2021-02-26	DRAWING NUMBER: XZG250010003	SHEET:  1 of 1



### Diesel Generator Set

# MTU 6R0113 DS150

## 150 kWe/60 Hz/Standby/208 - 600V Reference MTU 6R0113 DS150 (135 kWe) for Prime Rating Technical Data

### System ratings

Voltage (L-L)	240V <sup>†</sup>	240V <sup>†</sup>	208V <sup>†</sup>	240V <sup>†</sup>	480V <sup>†</sup>	600V
Phase	_ 1	1	3	3	3	3
PF	1	1	0.8	0.8	0.8	0.8
Hz	60	60	60	60	60	60
kW	150	150	150	150	150	150
kVA	150	150	187	187	187	187
Amps	625	625	520	451	226	180
skVA@30% voltage dip	182	195	296	296	394	315
Generator model	431CSL6208	431PSL6224	431CSL6202	431CSL6202	431CSL6202	431PSL6240
Temp rise	130 °C/40 °C	130 °C/40 °C	130 °C/40 °C	130 °C/40 °C	130 °C/40 °C	130 °C/40 °C
Connection	12 LEAD DOUBLE DELTA	4 LEAD	12 LEAD LOW WYE	12 LEAD HI DELTA	12 LEAD HI WYE	4 LEAD WYE

<sup>&</sup>lt;sup>†</sup> UL 2200 offered

#### Certifications and standards

- Emissions
  - EPA Tier 3 certified
  - South Coast Air Quality Management District (SCAQMD)
- Generator set is designed and manufactured in facilities certified to standards ISO 9001:2008 and ISO 14001:2004
- UL 2200 optional (refer to System ratings for availability)
- CSA optional
  - CSA C22.2 No. 100
  - CSA C22.2 No. 14

- Performance Assurance Certification (PAC)
  - Generator set tested to ISO 8528-5 for transient response
  - Verified product design, quality and performance integrity
  - All engine systems are prototype and factory tested
- Power rating
  - Accepts rated load in one step per NFPA 110





#### Standard features\*

- MTU is a single source supplier
- Global product support
- 2 year standard warranty
- 6068HF285 diesel engine
  - 6.8 liter displacement
  - 4-cycle
- Engine-generator resilient mounted
- Complete range of accessories
- Cooling system
  - Integral set-mounted
  - Engine-driven fan

- Generator
  - Brushless, rotating field generator
  - 2/3 pitch windings
  - 300% short circuit capability with optional Permanent Magnet Generator (PMG)
- Digital control panel(s)
  - UL recognized, CSA certified, NFPA 110
  - Complete system metering
  - LCD display

### Standard equipment\*

#### Engine

- Air cleaner
- Oil pump
- Oil drain extension and S/O valve
- Full flow oil filter
- Fuel filter with water seperator
- Jacket water pump
- Thermostat
- Blower fan and fan drive
- Radiator unit mounted
- Electric starting motor 12V
- Governor electronic isochronous
- Base formed steel
- SAE flywheel and bell housing
- Charging alternator 12V
- Battery box and cables
- Flexible fuel connectors
- Flexible exhaust connection
- EPA certified engine

#### Digital control panel(s)

- Digital metering
- Engine parameters
- Generator protection functions
- Engine protection
- SAE J1939 Engine ECU Communications
- Windows®-based software
- Multilingual capability
- Remote communications to RDP-110 remote annunciator
- Programmable input and output contacts
- UL recognized, CSA certified, CE approved
- Event recording
- IP 54 front panel rating with integrated gasket
- NFPA 110 compatible

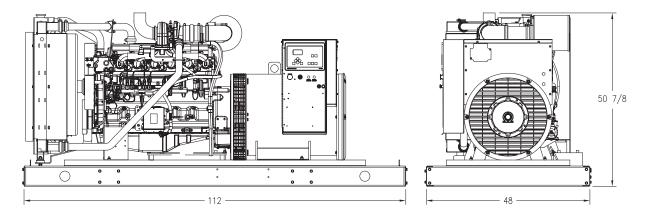
#### Generator

- NEMA MG1, IEEE, and ANSI standards compliance for temperature rise and motor starting
- Self-ventilated and drip-proof
- Superior voltage waveform
- Solid state, volts-per-hertz regulator
- $-\,$  ±1% voltage regulation no load to full load
- Brushless alternator with brushless pilot exciter
- 4 pole, rotating field
- 130 °C maximum standby temperature rise
- 1-bearing, sealed
- Flexible coupling
- Full amortisseur windings
- 125% rotor balancing
- 3-phase voltage sensing
- 100% of rated load one step
- 5% maximum total harmonic distortion

## Application data

Engine		Fuel consumption	
Manufacturer	John Deere	At 100% of power rating: L/hr (gal/hr)	44.7 (11.8)
Model	6068HF285	At 75% of power rating: L/hr (gal/hr)	34.8 (9.2)
Туре	4-cycle	At 50% of power rating: L/hr (gal/hr)	25.4 (6.7)
Arrangement	6-inline		
Displacement: L (in³)	6.8 (415)	Cooling - radiator system	
Bore: cm (in)	10.6 (4.19)	Ambient capacity of radiator: °C (°F)	50 (122)
Stroke: cm (in)	12.7 (5)	Maximum restriction of cooling air: intake	
Compression ratio	19:1	and discharge side of radiator: kPa (in. H <sub>2</sub> 0)	0.12 (0.5)
Rated rpm	1,800	Water pump capacity: L/min (gpm)	180 (48)
Engine governor	JDEC	Heat rejection to coolant: kW (BTUM)	93.5 (5,324)
Maximum power: kWm (bhp)	177 (237)	Heat rejection to air to air: kW (BTUM)	32 (1,821)
Speed regulation	± 0.25%	Heat radiated to ambient: kW (BTUM)	25.7 (1,461)
Air cleaner	dry	Fan power: kW (hp)	10.7 (14.3)
Liquid capacity (Lubrication)		Air requirements	
Liquid capacity (Lubi ication)		All requirements	
Total oil system: L (gal)	20 (5.28)	Aspirating: *m³/min (SCFM)	13.6 (480)
	20 (5.28) 12.3 (3.25)	•	13.6 (480)
Total oil system: L (gal)	, ,	Aspirating: *m³/min (SCFM)	13.6 (480) 304 (10,732)
Total oil system: L (gal) Engine jacket water capacity: L (gal)	12.3 (3.25)	Aspirating: *m³/min (SCFM) Air flow required for radiator	
Total oil system: L (gal) Engine jacket water capacity: L (gal)	12.3 (3.25)	Aspirating: *m³/min (SCFM) Air flow required for radiator cooled unit: *m³/min (SCFM)	
Total oil system: L (gal) Engine jacket water capacity: L (gal) System coolant capacity: L (gal)	12.3 (3.25)	Aspirating: *m³/min (SCFM) Air flow required for radiator cooled unit: *m³/min (SCFM) Remote cooled applications; air flow required for	
Total oil system: L (gal) Engine jacket water capacity: L (gal) System coolant capacity: L (gal)  Electrical	12.3 (3.25) 22.7 (6)	Aspirating: *m³/min (SCFM) Air flow required for radiator cooled unit: *m³/min (SCFM) Remote cooled applications; air flow required for dissipation of radiated generator set heat for a	304 (10,732)
Total oil system: L (gal) Engine jacket water capacity: L (gal) System coolant capacity: L (gal)  Electrical Electric volts DC	12.3 (3.25) 22.7 (6)	Aspirating: *m³/min (SCFM) Air flow required for radiator cooled unit: *m³/min (SCFM) Remote cooled applications; air flow required for dissipation of radiated generator set heat for a	304 (10,732)
Total oil system: L (gal) Engine jacket water capacity: L (gal) System coolant capacity: L (gal)  Electrical Electric volts DC	12.3 (3.25) 22.7 (6)	Aspirating: *m³/min (SCFM) Air flow required for radiator cooled unit: *m³/min (SCFM) Remote cooled applications; air flow required for dissipation of radiated generator set heat for a maximum of 25 °F rise: *m³/min (SCFM)	304 (10,732)
Total oil system: L (gal) Engine jacket water capacity: L (gal) System coolant capacity: L (gal)  Electrical Electric volts DC Cold cranking amps under -17.8 °C (0 °F)	12.3 (3.25) 22.7 (6)	Aspirating: *m³/min (SCFM) Air flow required for radiator cooled unit: *m³/min (SCFM) Remote cooled applications; air flow required for dissipation of radiated generator set heat for a maximum of 25 °F rise: *m³/min (SCFM)	304 (10,732)
Total oil system: L (gal) Engine jacket water capacity: L (gal) System coolant capacity: L (gal)  Electrical Electric volts DC Cold cranking amps under -17.8 °C (0 °F)  Fuel system	12.3 (3.25) 22.7 (6) 12 925	Aspirating: *m³/min (SCFM) Air flow required for radiator cooled unit: *m³/min (SCFM) Remote cooled applications; air flow required for dissipation of radiated generator set heat for a maximum of 25 °F rise: *m³/min (SCFM)  * Air density = 1.184 kg/m³ (0.0739 lbm/ft³)	304 (10,732)
Total oil system: L (gal) Engine jacket water capacity: L (gal) System coolant capacity: L (gal)  Electrical Electric volts DC Cold cranking amps under -17.8 °C (0 °F)  Fuel system Fuel supply connection size	12.3 (3.25) 22.7 (6) 12 925 -6 JIC 37° female	Aspirating: *m³/min (SCFM) Air flow required for radiator cooled unit: *m³/min (SCFM) Remote cooled applications; air flow required for dissipation of radiated generator set heat for a maximum of 25 °F rise: *m³/min (SCFM)  * Air density = 1.184 kg/m³ (0.0739 lbm/ft³)  Exhaust system	304 (10,732) 94 (3,295)
Total oil system: L (gal) Engine jacket water capacity: L (gal) System coolant capacity: L (gal)  Electrical Electric volts DC Cold cranking amps under -17.8 °C (0 °F)  Fuel system Fuel supply connection size Fuel return connection size	12.3 (3.25) 22.7 (6) 12 925 -6 JIC 37° female -6 JIC 37° female	Aspirating: *m³/min (SCFM) Air flow required for radiator cooled unit: *m³/min (SCFM) Remote cooled applications; air flow required for dissipation of radiated generator set heat for a maximum of 25 °F rise: *m³/min (SCFM)  * Air density = 1.184 kg/m³ (0.0739 lbm/ft³)  Exhaust system Gas temp. (stack): °C (°F)	304 (10,732) 94 (3,295) 505 (941)
Total oil system: L (gal) Engine jacket water capacity: L (gal) System coolant capacity: L (gal)  Electrical Electric volts DC Cold cranking amps under -17.8 °C (0 °F)  Fuel system Fuel supply connection size Fuel return connection size Maximum fuel lift: m (ft)	12.3 (3.25) 22.7 (6) 12 925 -6 JIC 37° female -6 JIC 37° female 2 (6.7)	Aspirating: *m³/min (SCFM) Air flow required for radiator cooled unit: *m³/min (SCFM) Remote cooled applications; air flow required for dissipation of radiated generator set heat for a maximum of 25 °F rise: *m³/min (SCFM)  * Air density = 1.184 kg/m³ (0.0739 lbm/ft³)  Exhaust system Gas temp. (stack): °C (°F) Gas volume at stack temp: m³/min (CFM)	304 (10,732) 94 (3,295) 505 (941)

### Weights and dimensions



Drawing above for illustration purposes only, based on standard open power 480 volt generator set. Lengths may vary with other voltages. Do not use for installation design. See website for unit specific template drawings.

System	Dimensions (LxWxH)	Weight (less tank)
Open power unit (OPU)	2,845 x 1,219 x 1,283 mm (112 x 48 x 50.5 in)	1,573-2,262 kg (3,496-4,986 lb)

Weights and dimensions are based on open power units and are estimates only. Consult the factory for accurate weights and dimensions for your specific generator set.

#### Sound data

Unit type	Standby full load
Level 0: Open power unit: dB(A)	85.1

DATE 07/11/2023

Sound data is provided at 7 m (23 ft). Generator set tested in accordance with ISO 8528-10 and with infinite exhaust.

#### **Emissions data**

NO <sub>x</sub> + NMHC	СО	РМ
3.77	0.4	0.06

All units are in g/hp-hr and shown at 100% load (not comparable to EPA weighted cycle values). Emission levels of the engine may vary with ambient temperature, barometric pressure, humidity, fuel type and quality, installation parameters, measuring instrumentation, etc. The data was obtained in compliance with US EPA regulations. The weighted cycle value (not shown) from each engine is guaranteed to be within the US EPA standards. 5-mode emission data per 40 CFR 89 or 40 CFR 1039 (as applicable) is available upon request.

## Rating definitions and conditions

- Standby ratings apply to installations served by a reliable utility source. The standby rating is applicable to varying loads for the duration of a power outage. No overload capability for this rating. Ratings are in accordance with ISO 3046-1, BS 5514, and AS 2789. Average load factor: ≤ 85%.
- Consult your local MTU Distributor for derating information.