AGENDA
BOARD OF BUILDING STANDARDS/
ARCHITECTURAL BOARD OF REVIEW/SIGN REVIEW

PRE-REVIEW MEETING
CITY OF LAKEWOOD
12650 DETROIT AVENUE
EAST CONFERENCE ROOM
APRIL 6, 2023
4:00 P.M.

REVIEW MEETING
CITY OF LAKEWOOD
12650 DETROIT AVENUE
AUDITORIUM
APRIL 13, 2023
5:30 P.M.

1. **ROLL CALL**
2. **APPROVE THE MINUTES OF THE MARCH 9, 2023 MEETING**
3. **OPENING REMARKS**

NEW BUSINESS

ARCHITECTURAL BOARD OF REVIEW

4. **Docket No. 04-28-23** **(R)** **13429 Cliff Dr.**

( ) Approve
( ) Deny
( ) Defer

Elizabeth Davis
Old World Classics, LLC
7056 Mears Gate Dr.
North Canton, OH 44720

Applicant proposes the demolition and rebuild of a single-family home. (Page 5)

5. **Docket No. 04-29-23** **(R)** **1324 Giel Ave**

( ) Approve
( ) Deny
( ) Defer

Richard Martin
1324 Giel Ave.
Lakewood, OH 44107

Applicant proposes a garage replacement. (Page 34)

6. **Docket No. 04-30-23** **(R)** **1077 Wilbert Rd.**

( ) Approve
( ) Deny

Susan Broadwater
Beegan Architectural Design

( ) Defer

15703 Madison Ave.
Lakewood, OH 44107

Applicant proposes the addition of a new front porch on an existing home. (Page 70)

7. Docket No. 04-31-23 (R) 914 Beach Rd.

( ) Approve
( ) Deny
( ) Defer

Mark H. Reinhold
Architect
1120 Forest Rd.
Lakewood, OH 44107

Applicant proposes the construction of a new home. (Page 97)

8. Docket No. 04-32-23 (R) 12903 Lake Ave.

( ) Approve
( ) Deny
( ) Defer

Michael M. Tomsik
Tomsik Architects
921 Literary Rd.
Cleveland, OH 44113

Applicant proposes an addition to an existing home. (Page 116)

9. Docket No. 04-33-23 (C) 17514 Detroit Ave.
St. James School

( ) Approve
( ) Deny
( ) Defer

Gabriel Fey AIA
HSB Architects Inc.
1250 Old River Rd., Ste 201
Cleveland, OH 44113

Applicant proposes exterior stair extension to a new rooftop patio and the enclosure of an existing balcony. (Page 127)

10. Docket No. 04-34-23 (C) 1484 W. 117th St.
Nelson Court

( ) Approve
( ) Deny
( ) Defer

Brian Grambort
Hiti, DiFranceso and Siebold, Inc.
1939 W. 25th St.
Cleveland, OH 44113

Applicant proposes a parking lot design. (Page 169)

SIGN REVIEW

11. Docket No. 04-35-23 14718 Madison Ave.
Joe's Kwik Marts

( ) Approve

Jason Dawson

( ) Deny
( ) Defer

Total Image Solutions
196 Theater Rd.
South Hill, VA 23970

Applicant requests the reface of one panel on sign and storefront sign. (Page 175)

12. Docket No. 04-36-23 **14615 Detroit Ave.**
CHASE Bank

( ) Approve
( ) Deny
( ) Defer

Jessica Ruff
Ruff Neon Sign
295 W. Prospect St.
Painesville, OH 44077

Applicant requests a sign package for a new business. (Page 180)

13. Docket No. 04-37-23 **12611 Madison Ave.**
Oktober's

( ) Approve
( ) Deny
( ) Defer

Shawn Warren
Erie Design Co. Inc.
16504 Detroit Ave.
Lakewood, OH 44107

Applicant requests a blade sign and business name in sign band. (Page 224)

14. Docket No. 04-38-23 **11798 Detroit Ave.**
Everybody Cycle

( ) Approve
( ) Deny
( ) Defer

Nathan David
Everybody Cycle
11798 Detroit Ave.
Lakewood, OH 44107

Applicant requests vinyl window signage and business name in sign band. (Page 229)

15. Docket No. 04-39-23 **15003 Madison Ave.**
The Grooming Loft by Sophie

( ) Approve
( ) Deny
( ) Defer

Steven Foster
The Sign & Graphics Firm, LLC
14837 Detroit Ave., Ste. 195
Lakewood, OH 44107

Applicant requests vinyl window signage and business name in sign band. (Page 235)

16. Docket No. 04-40-23 **14005 Madison Ave.**
Sunoco

( ) Approve
( ) Deny

Major Harrison III
Major Source LLC

( ) Defer

P.O. Box 18869
Cleveland, OH 44118

Applicant requests replacement signage for an existing business. (Page 237)

17. Docket No. 04-41-23

11823 Detroit Ave.
Despina's Bakery

( ) Approve
( ) Deny
( ) Defer

Shawn Warren
Erie Design Co. Inc.
16504 Detroit Ave.
Lakewood, OH 44107

Applicant requests a blade sign and vinyl window graphics. (Page 255)

ADJOURN

"*Individuals with disabilities who require accommodations for participation in meetings must request accommodations at least 3 business days ahead of the scheduled meeting. Contact Michelle Nochta at (216) 529-5906 michelle.nochta@lakewoodoh.net .*"

BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD

12650 Detroit Avenue ● (216) 529-6630 ● FAX (216) 529-5907 ● www.lakewoodoh.gov

Application Cover Page

Docket No.: 04-28-23

Permit No.: BBS23-000018

Applicant Name: Elizabeth Davis, Old World Classics, LLC

Project Address: 13429 Cliff Dr.

Project Name: n/a

Project: Applicant proposes the demolition and rebuild of a single-family home.

ORAVEC
DESIGN BUILD, LLC
PROFESSIONAL ENGINEERING &
GENERAL CONTRACTING SERVICES

January 31, 2023

Ms. Michelle Tomallo

Tomallo Residence
13429 Cliff Drive
Lakewood, Ohio
Existing Structure Assessment

Dear Ms. Tomallo:

Per your request we are writing this letter to summarize our site visit and visual assessment of the existing residential framing.

Our office originally designed the structural framing for the proposed addition and alteration at this residence. On January 6, 2023, a representative from our office was on site at the above referenced residence to walk through and visually assess the exposed structural framing condition. The contractor performed demolition services, fully exposing all the existing wood framing and masonry exterior walls. It was at this time that the contractor identified several structural concerns and paused all work until our office was able to review the exposed framing.

The existing wood roof framing does not meet current building code requirements. Improper and structurally inadequate framing was observed at several locations. The structural deficiencies observed included inadequate load path, undersized members, inadequate member to member connections, water damage, and cracks in the rafters.

The clay tile walls supporting the roof rafters showed signs of movement and had large cracks and gaps in the mortar joints. This is most likely caused by lateral thrust from the rafters and slate shingle roof load in addition to excessive water infiltration and deterioration over the life of the structure. There were several areas that were missing masonry units altogether.

The masonry gable walls on the residence were pulling away from the roof framing at the west and south gable walls. Extensive framing structural modifications will be required to secure the rotating masonry walls in place. The south wall exhibited the worst condition and may require being removed and rebuilt completely due to the extent of damage and eccentricity present in the wall. At the time of the site visit we were not able to determine the extent of the bowing of the south gable wall or the extent of rotation. The movement was visible to the naked eye and had moved to the point that the second-floor joists had less than one inch of bearing in the joist pockets.

There were large stair step cracks at the window and door headers along and adjacent to the south gable wall. The existing framing will need to be shored up in order to install adequate structural steel lintels for those openings. The contractor mentioned that he did not feel that he could safely shore up the walls to perform the structural repairs required and would probably lose most of the wall (due to collapse) in the process of attempting the repair.

The existing steel beam in the family room will require new structural steel posts extending down to sound foundation due to the existing exterior wall masonry being inadequate to support the concentrated point load from the steel beam.

ORAVEC DESIGN BUILD, LLC
9329 Ravenna Road Suite E | Twinsburg, Ohio 44087
matt@oravecdesignbuild.com • 330-552-8211

ORAVEC
DESIGN BUILD, LLC
PROFESSIONAL ENGINEERING &
GENERAL CONTRACTING SERVICES

The south gable wall foundation will require additional investigation to determine if it is structurally sound or if it has failed and contributed to the movement observed in the masonry above. A mini excavator will be required to excavate down and visually observe the condition of the existing foundation.

The items addressed above exhibit an immediate concern to stabilize the structure prior to performing more demolition inside or outside of the residence. Upon addressing these items, there are additional structural framing issues that must be addressed in addition to the originally designed framing prepared for the renovation and addition of this residence. The existing roof framing has overstressed and improperly designed live valleys and interior roof bearing that must be supported inside the house. When our office performed an additional structural review of these elements, seven new structural steel beams were required to be installed in the second floor framing in order for the existing framing to meet the current building code requirements. Additional isolated steel posts and footings will be required in the basement to support the interior roof load as well.

Due to the existing exterior walls being built with a four-inch clay tile and four-inch face brick, large point loads cannot bear on this unreinforced masonry wall section. New structural steel posts will be required at the first floor plan to support the new second floor steel beams, and new basement level steel posts and reinforced concrete foundations will be required in the basement at each of these locations.

Based on our visual assessment and experience as a practicing engineer, it is our opinion that the existing structural framing will require extensive repairs, replacement, and modifications in order to bring this structure up to current code requirements. A more thorough structural investigation and evaluation will be required to adequately address all of the failed existing framing members and to design the structural framing to provide the intended floor plan you originally aspired to create.

It may be cost advantageous to tear down the residence and construct a new house to achieve the desired floor plan.

Please feel free to contact our office with any questions.

Best regards,





Matthew M. Oravec, P.E.
President
Oravec Design Build, LLC

ORAVEC DESIGN BUILD, LLC
9329 Ravenna Road Suite E | Twinsburg, Ohio 44087
matt@oravecdesignbuild.com • 330-552-8211

LEGEND

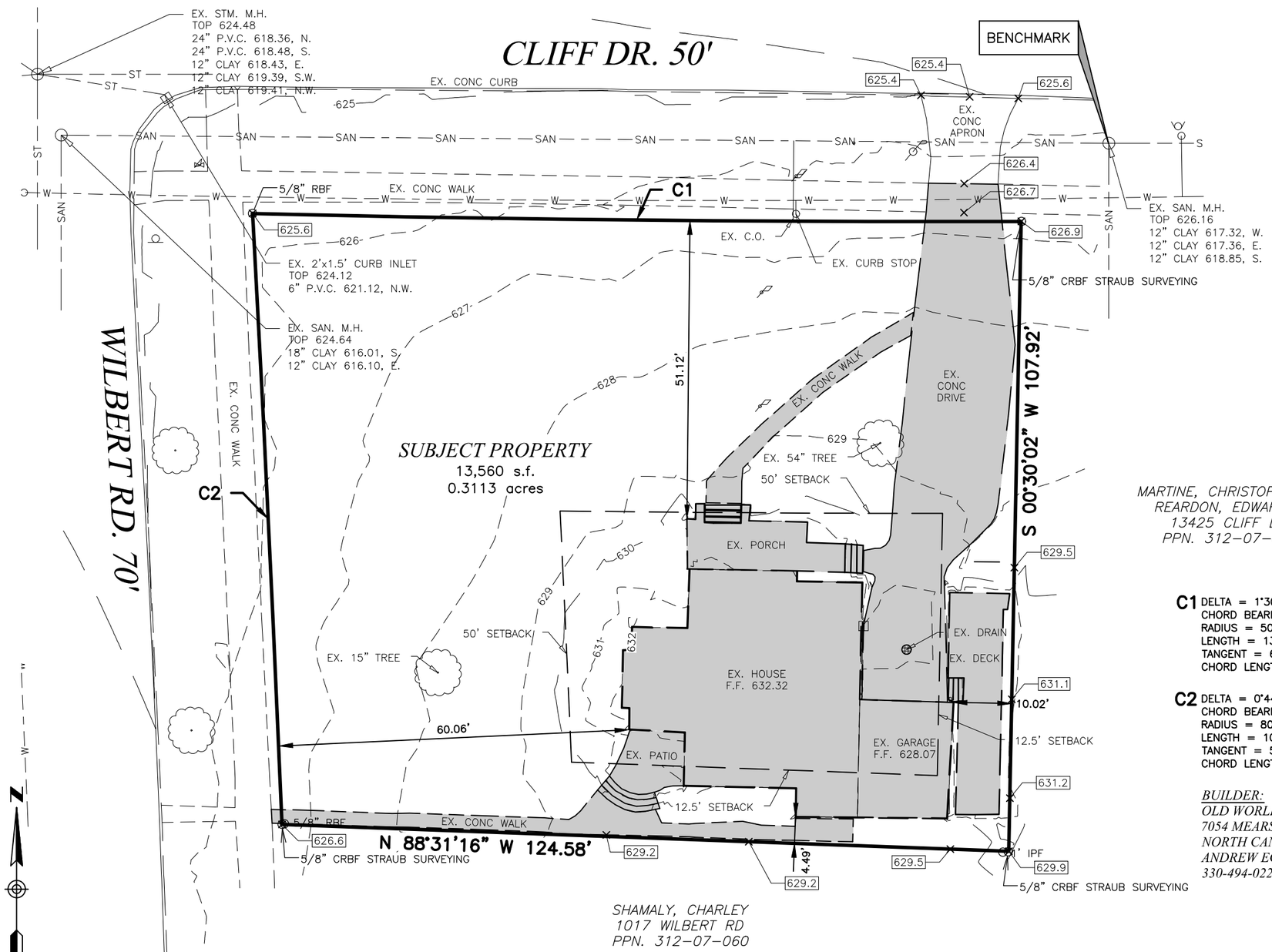
- CAPPED REBAR TO BE SET
- C00 CURVE DATA
- EXISTING FIRE HYDRANT
- EXISTING VALVE
- EXISTING MANHOLE
- EXISTING BOX INLET
- EXISTING CURB INLET
- EXISTING LIGHT POLE
- EXISTING POWER POLE
- FLOW DIRECTION OF DRAINAGE
- 00.00 NEW FINISHED GRADE ELEVATION
- 00.00 NEW FINISHED GRADE ELEVATION
- 00.0 EXISTING FINISHED GRADE ELEVATION
- 00.00 NEW FINISHED TOP CONCRETE GRADE ELEVATION
- C.O. NEW LATERAL CLEAN OUT
- STABILIZED CONSTRUCTION ENTRANCE
- FLOOD ROUTE
- NEW TEMPORARY EROSION CONTROL (SILT FENCE)
- NEW TEMPORARY EROSION CONTROL AT INLET, USE ADS FLEXSTORM OR EQUAL
- DEMOLITION AREA
- 780 NEW FINISHED GRADE CONTOURS
- 775 EXISTING GRADE CONTOURS
- 784
- SAN EXISTING SANITARY SEWER
- LAT EXISTING SANITARY LATERAL
- LAT NEW SANITARY LATERAL
- ST EXISTING STORM SEWER
- RD EXISTING STORM LATERAL
- RD NEW STORM LATERAL
- W EXISTING WATER MAIN
- WS EXISTING WATER SERVICE
- WS NEW WATER SERVICE
- E NEW UTILITY SERVICE

OHIO811.org Before You Dig

4:1 SLOPE 2'–0" 4:1 SLOPE

TYPICAL SWALE DETAIL
NO SCALE

REVISIONS:
⚠3/23/2023: House Moved



C1 DELTA = 1°30'33"
CHORD BEARING = N 89°57'46" E
RADIUS = 5000.00'
LENGTH = 131.70'
TANGENT = 65.86'
CHORD LENGTH = 131.70'

C2 DELTA = 0°44'50"
CHORD BEARING = N 3°23'51" W
RADIUS = 8035.00'
LENGTH = 104.80'
TANGENT = 52.40'
CHORD LENGTH = 104.80'

BUILDER:
OLD WORLD CUSTOM HOMES, LLC
7054 MEARS GATE DR. NW
NORTH CANTON, OHIO 44720
ANDREW EGGEMAN
330-494-0228

0 20 40
SCALE: 1" = 20'

13429 CLIFF DRIVE
PPN. 312–07–030

LOT BENCHMARK:
RIM OF SANITARY MANHOLE LOCATED AS SHOWN ON PLAN

ELEV. 926.16

PLOT PLAN PREPARED FOR OLD WORLD CUSTOM HOMES SITUATED IN THE CITY OF LAKEWOOD COUNTY OF CUYAHOGA, STATE OF OHIO

PREPARED BY:
GBC DESIGN, INC.
565 White Pond Dr. Akron, OH 44320-1123
Phone 330-836-0228 Fax 330-836-5782

DATE: 3/22/2023
DRAWN BY: NLM
PROJECT No. 56025

LEGEND

- CAPPED REBAR TO BE SET
- C00 CURVE DATA
- EXISTING FIRE HYDRANT
- EXISTING VALVE
- EXISTING MANHOLE
- EXISTING BOX INLET
- EXISTING CURB INLET
- EXISTING LIGHT POLE
- EXISTING POWER POLE
- FLOW DIRECTION OF DRAINAGE
- 00.00 NEW FINISHED GRADE ELEVATION
- 00.00 NEW FINISHED GRADE ELEVATION
- 00.0 EXISTING FINISHED GRADE ELEVATION
- 00.00 NEW FINISHED TOP CONCRETE GRADE ELEVATION
- C.O. NEW LATERAL CLEAN OUT
- STABILIZED CONSTRUCTION ENTRANCE
- FLOOD ROUTE
- NEW TEMPORARY EROSION CONTROL (SILT FENCE)
- NEW TEMPORARY EROSION CONTROL AT INLET, USE ADS FLEXSTORM OR EQUAL
- 780 NEW FINISHED GRADE CONTOURS
- 775 / 784 EXISTING GRADE CONTOURS
- SAN EXISTING SANITARY SEWER
- LAT EXISTING SANITARY LATERAL
- LAT NEW SANITARY LATERAL
- ST EXISTING STORM SEWER
- RD EXISTING STORM LATERAL
- RD NEW STORM LATERAL
- W EXISTING WATER MAIN
- WS EXISTING WATER SERVICE
- WS NEW WATER SERVICE
- E NEW UTILITY SERVICE

PLOT PLAN NOTES:

1. THIS PLAN SHALL NOT BE CONSIDERED A BOUNDARY SURVEY OF THE PARCEL SHOWN.
2. LATERAL INVERT ELEVATIONS AND LOCATIONS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ACTUAL LATERAL INVERT ELEVATION AND LOCATION PRIOR TO CONSTRUCTION.
3. CONTRACTOR TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES ON THE LOT PRIOR TO THE EXCAVATION OF THE FOUNDATION.
4. EXISTING UNDERGROUND UTILITIES AND PAVEMENT ARE SHOWN PER SURVEY DATED MARCH 2023 AND UTILITY RECORDS.
5. EXISTING CONTOURS SHOWN ARE REPRESENTATIVE OF FIELD WORK DATED MARCH 2023.
6. FOUNDATION DIMENSIONS ARE MEASURED TO THE OUTSIDE CORNER OF FOUNDATION WALL OR BRICK FACE IF APPLICABLE.
7. FOUNDATION DRAIN SUMP PUMP IS REQUIRED UNLESS HOMEBUILDER DETERMINES OTHERWISE DURING CONSTRUCTION.
8. 2% SLOPE FOR SWALES IS PREFERRED, 1% MINIMUM.
9. MOWABLE AREAS OF THE YARD ARE NOT TO EXCEED 3:1 SLOPE UNLESS OTHERWISE SHOWN ON PLAN.
10. TEMPORARY CONSTRUCTION DRIVE TO BE MINIMUM 30' LONG WITH 8" LAYER OF #1 AND #2 AGGREGATE OVER GEOTEXTILE FABRIC AND IN SAME LOCATION AS THE PERMANENT DRIVEWAY.
11. TEMPORARY CONCRETE WASHOUT BASIN TO BE LOCATED ON OPPOSITE SIDE OF LOT FROM CONSTRUCTION DRIVE OR BY HOMEBUILDER CONSTRUCTION TRAILER.
12. CONTRACTOR MUST CHECK THE BENCHMARK ELEVATION WITH THE TOP OF CURB ELEVATIONS SHOWN ON THE PLAN PRIOR TO START OF CONSTRUCTION.
13. IF CURB CUT REQUIRED, MAINTAIN 1" BOTTOM LIP AT DRIVEWAY.
14. ALL CONSTRUCTION TRAFFIC IS RESTRICTED TO THE CONSTRUCTION ENTRANCE.

ZONING:
R1M
FRONT SETBACK – 60'
REAR SETBACK – 40'
SIDE SETBACK – 10'

LOT COVERAGE = 17%

LIMITS OF DISTURBANCE = 0.231 ACRES

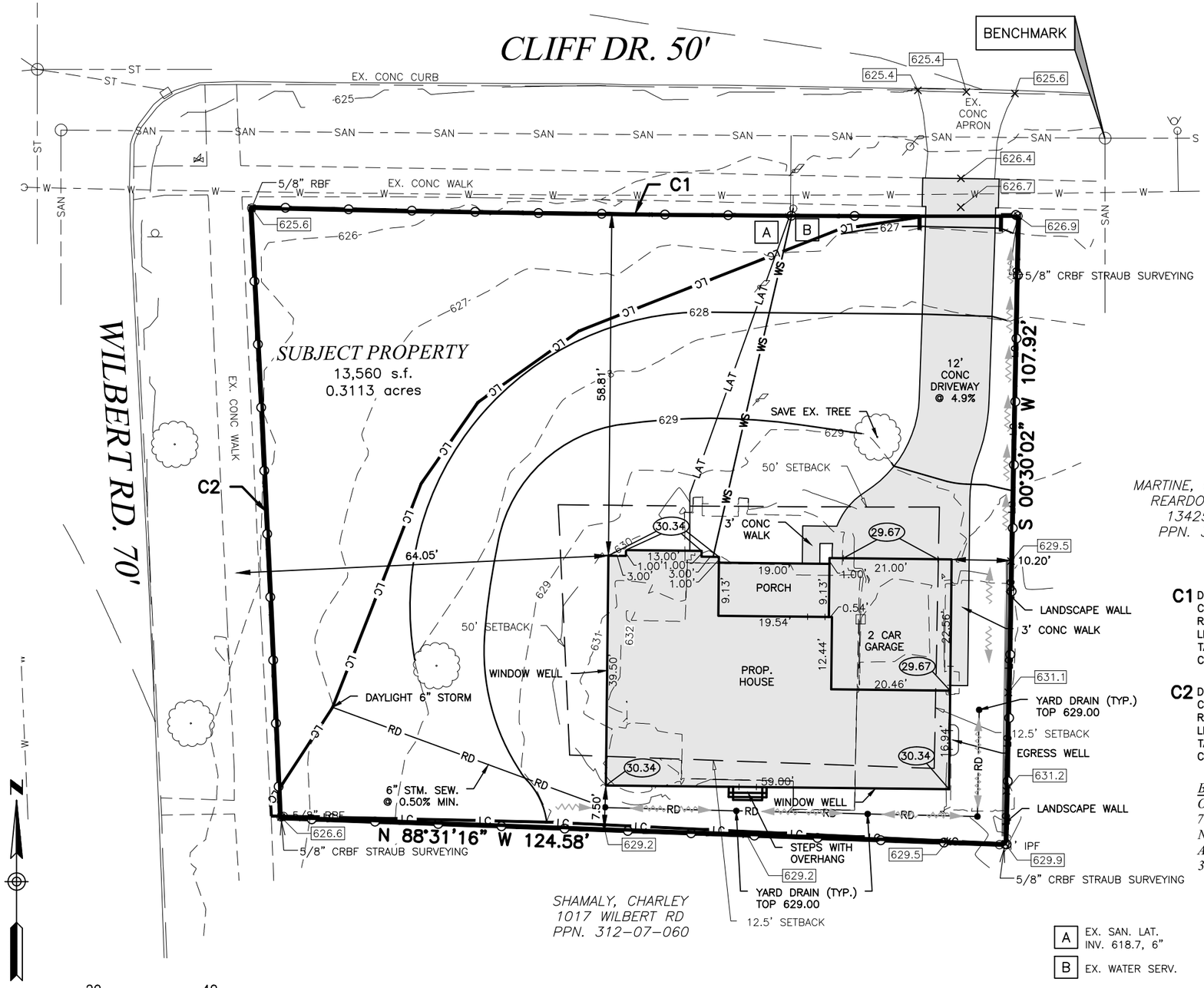
FINISH FLOOR ELEVATION	632.18
TOP OF WALL ELEVATION (8'–0" WALL)	631.00
GARAGE ELEVATION	629.67
BASEMENT FLOOR ELEVATION	623.34
TOP OF FOOTING ELEVATION	623.00
BOTTOM OF FOOTING ELEVATION	622.34

OHIO811.org Before You Dig

4:1 SLOPE 2'–0" 4:1 SLOPE

TYPICAL SWALE DETAIL
NO SCALE

REVISIONS:
⚠3/23/2023: House Moved



MARTINE, CHRISTOPHER & REARDON, EDWARD R
13425 CLIFF DR
PPN. 312–07–029

C1 DELTA = 1°30'33"
CHORD BEARING = N 89°57'46" E
RADIUS = 5000.00'
LENGTH = 131.70'
TANGENT = 65.86'
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BUILDER:
OLD WORLD CUSTOM HOMES, LLC
7054 MEARS GATE DR. NW
NORTH CANTON, OHIO 44720
ANDREW EGGEMAN
330-494-0228

SHAMALY, CHARLEY
1017 WILBERT RD
PPN. 312–07–060

DRIVE APRON =	0 S.F.
DRIVEWAY =	859 S.F.
CITY WALK =	65 S.F.
LEAD WALK =	26 S.F.
PORCH/STOOP =	172 S.F.
GARAGE WALK =	75 S.F.

A EX. SAN. LAT. INV. 618.7, 6"
B EX. WATER SERV.

13429 CLIFF DRIVE
PPN. 312–07–030

LOT BENCHMARK:
RIM OF SANITARY MANHOLE LOCATED AS SHOWN ON PLAN

ELEV. 926.16

PLOT PLAN PREPARED FOR OLD WORLD CUSTOM HOMES SITUATED IN THE CITY OF LAKEWOOD COUNTY OF CUYAHOGA, STATE OF OHIO

PREPARED BY:
GBC DESIGN, INC.
565 White Pond Dr. Akron, OH 44320-1123
Phone 330-836-0228 Fax 330-836-5782

DATE: 3/22/2023
DRAWN BY: NLM
PROJECT No. 56025

32

THE LAKE AVENUE REALTY COMPANY'S
OVERLOOK PARK SUBDIVISION

Situated in Lot 57 in Section 21 Rockport Township, now in the City of Lakewood, Cuyahoga County, Ohio. Distances are given in feet and decimal parts, and stone monuments and iron pins were found or were set at all such points as are indicated hereon. All of which we certify to be correct. STINCHCOMB & BODDY, ENGINEERS.
Cleveland, Ohio, August, 1914. Scale: 1" = 50 feet. by Vernon D. Croft, Surveyor.

We, the undersigned, owners of the land shown on this plat, do hereby accept this subdivision of the same, the same having been made at our request, and dedicate to public use, the streets as shown thereon in the yellow shade. THE LAKE AVENUE REALTY COMPANY.
by Ralph L. Magee, President
Witness:- William L. David by A.F. Dorsey, Secretary

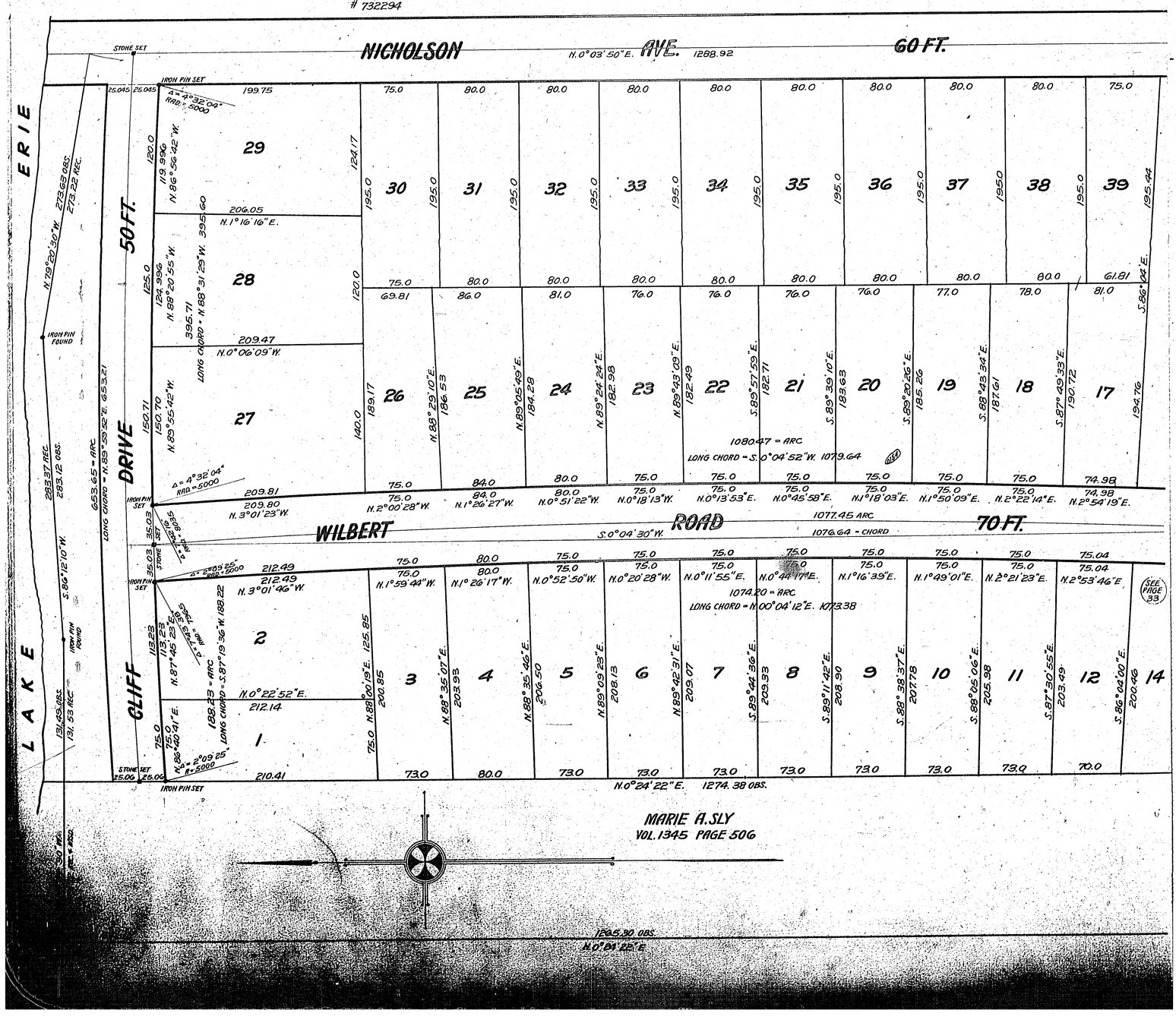
State of Ohio } ss. Before me, a Notary Public in and for said County
Cuyahoga County } personally appeared the above named persons Ralph L. Magee, President and A.F. Dorsey Secretary of The Lake Avenue Realty Company and also William L. David who being duly sworn did acknowledge that the name of the same The Lake Avenue Realty Company was subscribed to the foregoing instrument by Ralph L. Magee as President and A.F. Dorsey, Secretary thereof, and that the same is their free act and deed, and the free act and deed of the same The Lake Avenue Realty Company and the said William L. David. In testimony whereof, I have hereunto set my hand and official seal this 8th day of September, 1914.
Walter T. Minder Notary Public

(NORRIS SEAL CUYAHOGA COUNTY OHIO)

To the Director of Public Works:- Wilbert Road and Cliff Drive, the Streets proposed to be dedicated to public use, as shown on this plat in yellow shade, are sufficiently defined by monuments. E.A. Fisher, City Engineer.

Approved by the Director of Public Works, this 21st day of September, 1914.
N.C. Cofabish. Director of Public Works.
Approved by the Council of City of Lakewood.
of Lakewood, Ohio. B.M. Cook, Clerk
September 21-1914 by E.M. Hutchins, Deputy D. of F.
Entered for Transfer, Sep. 25, 1914. John A. Zangerle, Auditor

Received for Record Sep 26, 1914 at 8.05 o'clock A.M. Fee for Record #2.10
Recorded Nov 6, 1914. Hosea Paul, Recorder
732294



THE TOMALLO RESIDENCE

13429 CLIFF DRIVE, LAKEWOOD, OHIO 44107

DRAWING SCHEDULE

COVER SHEET	1
FRONT ELEVATION	2
SIDE ELEVATIONS	3
REAR ELEVATION	4
FOUNDATION	5
FINISHED BASEMENT	6
MAIN FLOOR	7
SECOND FLOOR	8
ROOF PLAN	9
SECTIONS 2X6	10
ADDITIONAL DETAILS	11
GENERAL NOTES	12

AREA SCHEDULE	
NAME	**AREA**
MAIN FLOOR	1,702 SQ. FT.
SECOND FLOOR	1,835 SQ. FT.
TOTAL FINISHED AREA	3,537 SQ. FT.
FINISHED BASEMENT	1,168 SQ. FT.
GARAGE	472 SQ. FT.
FRONT PORCH	170 SQ. FT.

REVISIONS SCHEDULE		
DATE	REVISION NOTES	INITIALS

POURED CONCRETE INFORMATION	
LOCATION/TYPE	COMPRESSIVE STRENGTH
INTERIOR SLABS (EXCEPT GARAGE)	2500 PSI
FOUNDATION WALLS	3000 PSI
PORCH & GARAGE SLABS	3500 PSI

OVERALL BUILDING DIMENSIONS	
LENGTH	59'-0"
WIDTH	40'-6"
HEIGHT	32'-4"

WOOD HEADER SCHEDULE

FIRST FLOOR WINDOW & DOOR HEADERS	
SPAN	HEADER SIZE
0 TO 3'-6"	(2) 2X6 W/ (1) JACK STUD
3'-6" TO 4'-8"	(2) 2X10 W/ (2) JACK STUDS
4'-8" TO 6'-0"	(2) 2X12 W/ (2) JACK STUDS
6'-0" TO 9'-0"	(1) 3-1/2" X 11-1/4" W/ (2) JACK STUDS
9'-0" TO 11'-0"	(1) 3-1/2" X 11-7/8" W/ (2) JACK STUDS
8'-0" OVERHEAD GARAGE DOOR	3-1/2" X 9-1/4" TIMBERSTRAND LSL W/ (2) JACK STUDS
16'-0" OVERHEAD GARAGE DOOR	3-1/2" X 11-7/8" MICROLAM LVL W/ (2) JACK STUDS

SECOND FLOOR WINDOW & DOOR HEADERS	
SPAN	HEADER SIZE
0 TO 4'-4"	(2) 2X6 W/ (1) JACK STUD
4'-4" TO 6'-6"	(2) 2X10 W/ (2) JACK STUDS
6'-6" TO 8'-0"	(2) 2X12 W/ (2) JACK STUDS
8'-0" TO 9'-9"	(1) 3-1/2" X 9-1/4" W/ (2) JACK STUDS
9'-9" TO 11'-0"	(1) 3-1/2" X 11-7/8" W/ (2) JACK STUDS

THE TOMALLO RESIDENCE
13429 CLIFF DRIVE
LAKEWOOD OH 44107

PAGE: 1 COVER SHEET

DRAWN BY:

SCALE: As Noted

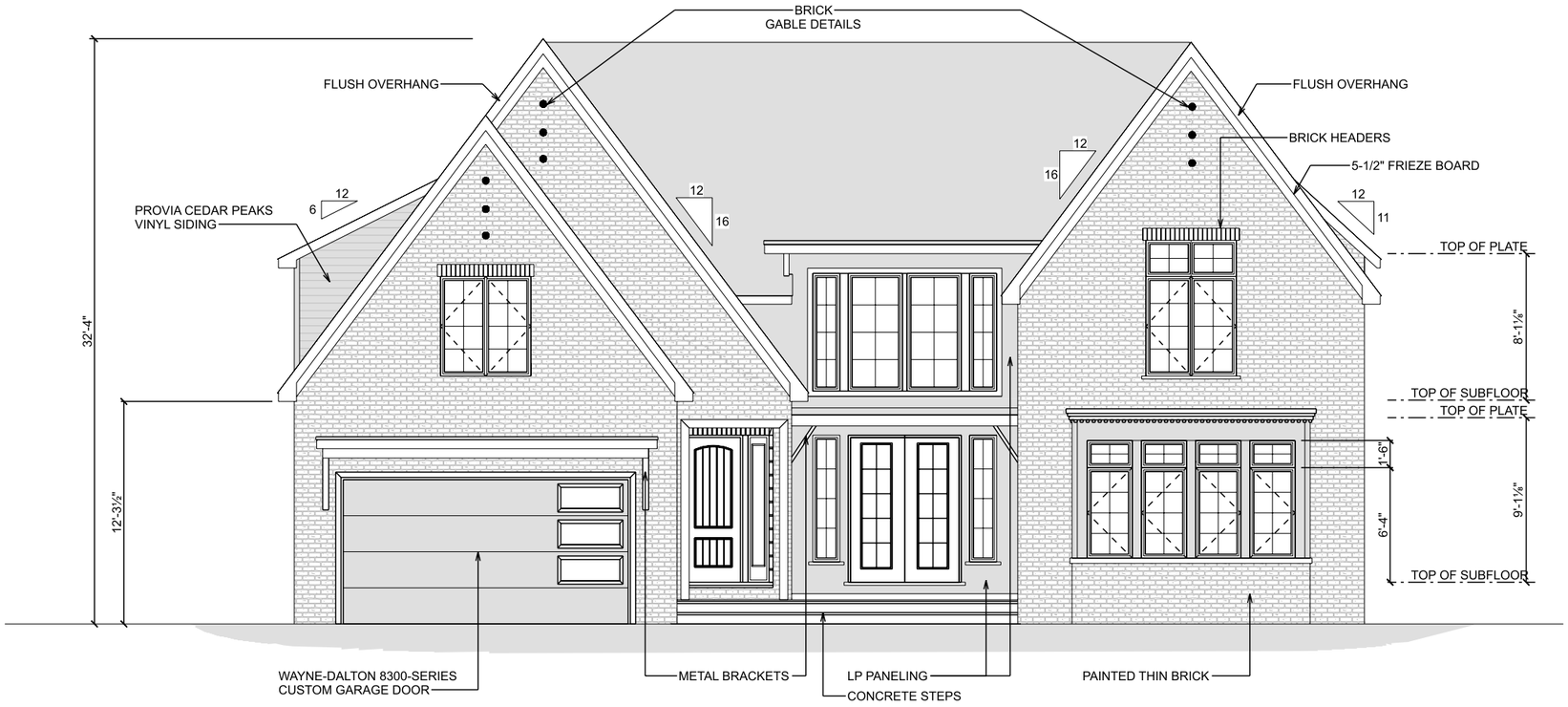
DATE: 3/23/2023

SECTION LETTER — PAGE NUMBERS

A 1 1

Old World CUSTOM HOMES

Old World Classics, LLC
330.494.0228
www.oldworldclassics.com
7056 Mears Gate Dr. NW
North Canton, OH 44720



FRONT ELEVATION

SCALE: 1/8" = 1'-0"

THE TOMALLO RESIDENCE

13429 CLIFF DRIVE
LAKEWOOD OH 44107

PAGE: 2 FRONT ELEVATION

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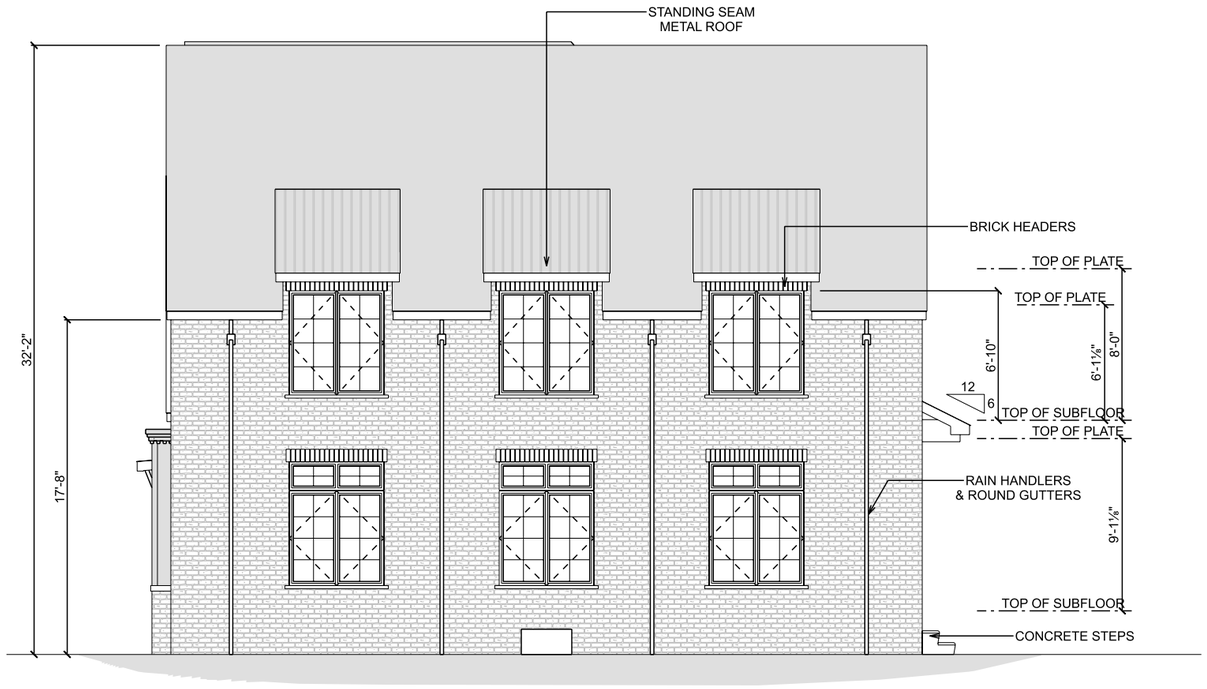
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DATE: 3/23/2023

SECTION LETTER
PAGE NUMBERS
A 1 1

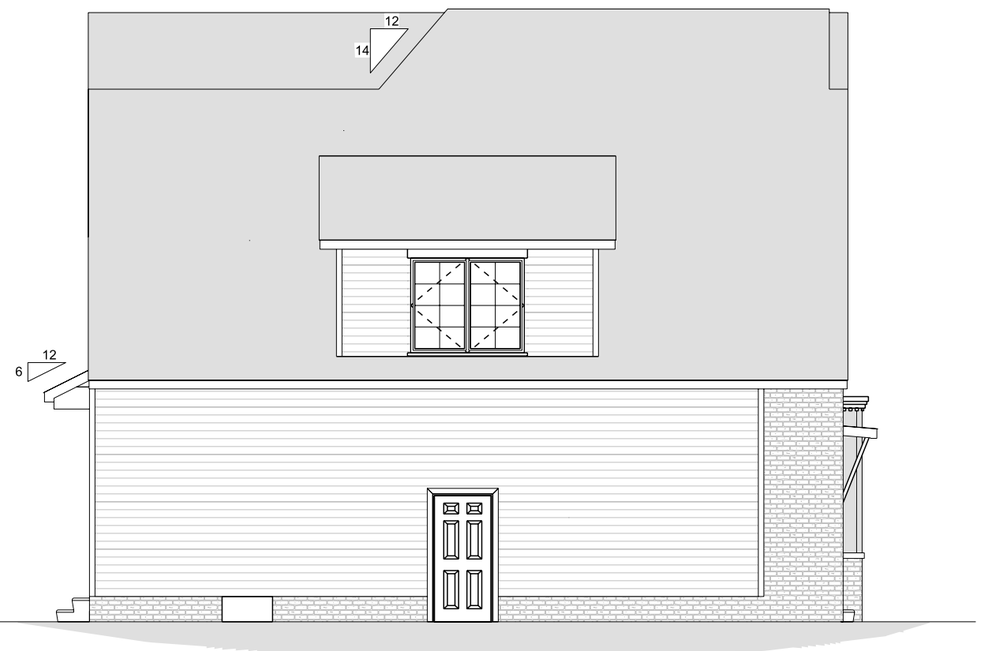
Old World CUSTOM HOMES

Old World Classics, LLC
7056 Mears Gate Dr. NW
North Canton, OH 44720
330.494.0228
www.oldworldclassics.com



RIGHT ELEVATION

SCALE: 1/8" = 1'-0"



LEFT ELEVATION

SCALE: 1/8" = 1'-0"

THE TOMALLO RESIDENCE

13429 CLIFF DRIVE
LAKEWOOD OH 44107

DRAWN BY:

SCALE: 1/8" = 1'-0"

DATE: 3/23/2023

PAGE: 3

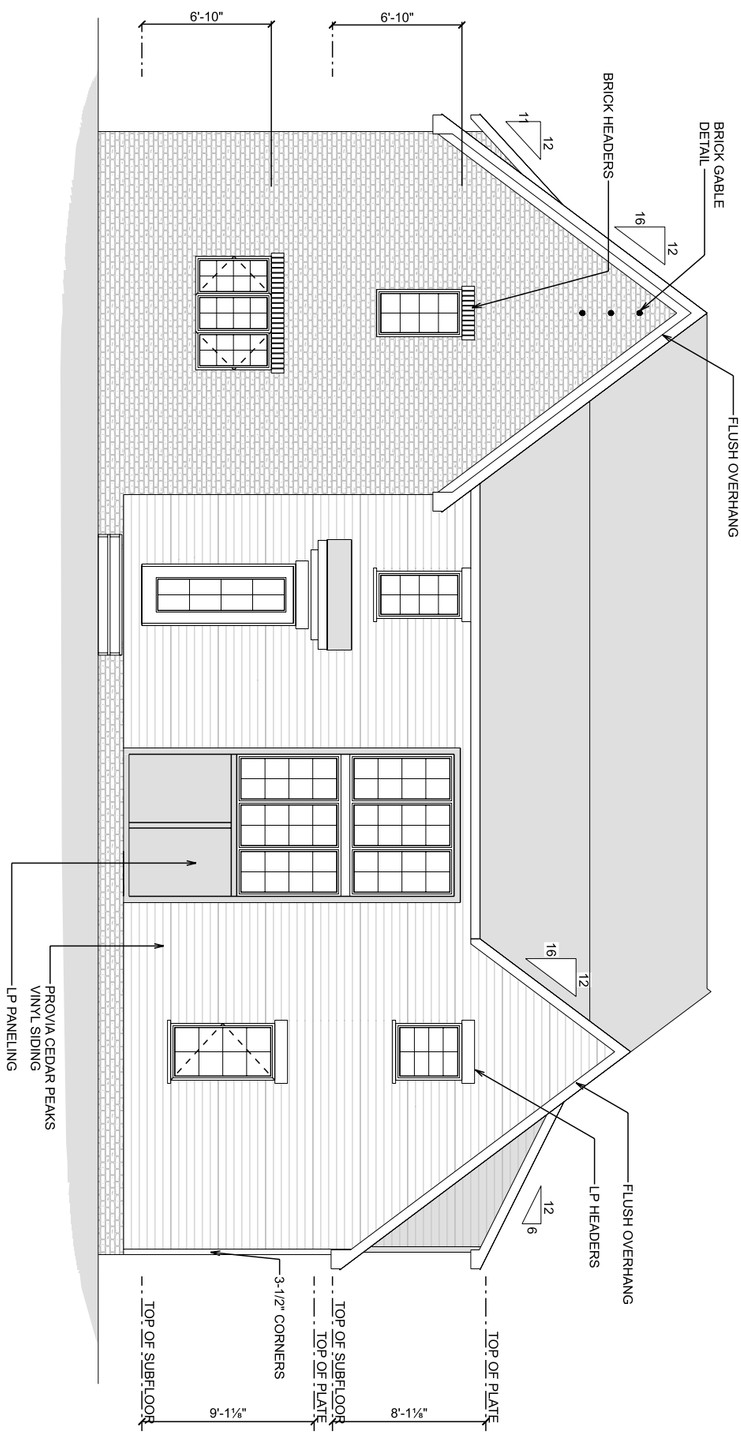
SIDE ELEVATIONS

SECTION LETTER
PAGE NUMBERS
A 1 1

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North Canton, OH 44720
330.494.0228
www.oldworldclassics.com

REAR ELEVATION

SCALE: 1/8" = 1'-0"



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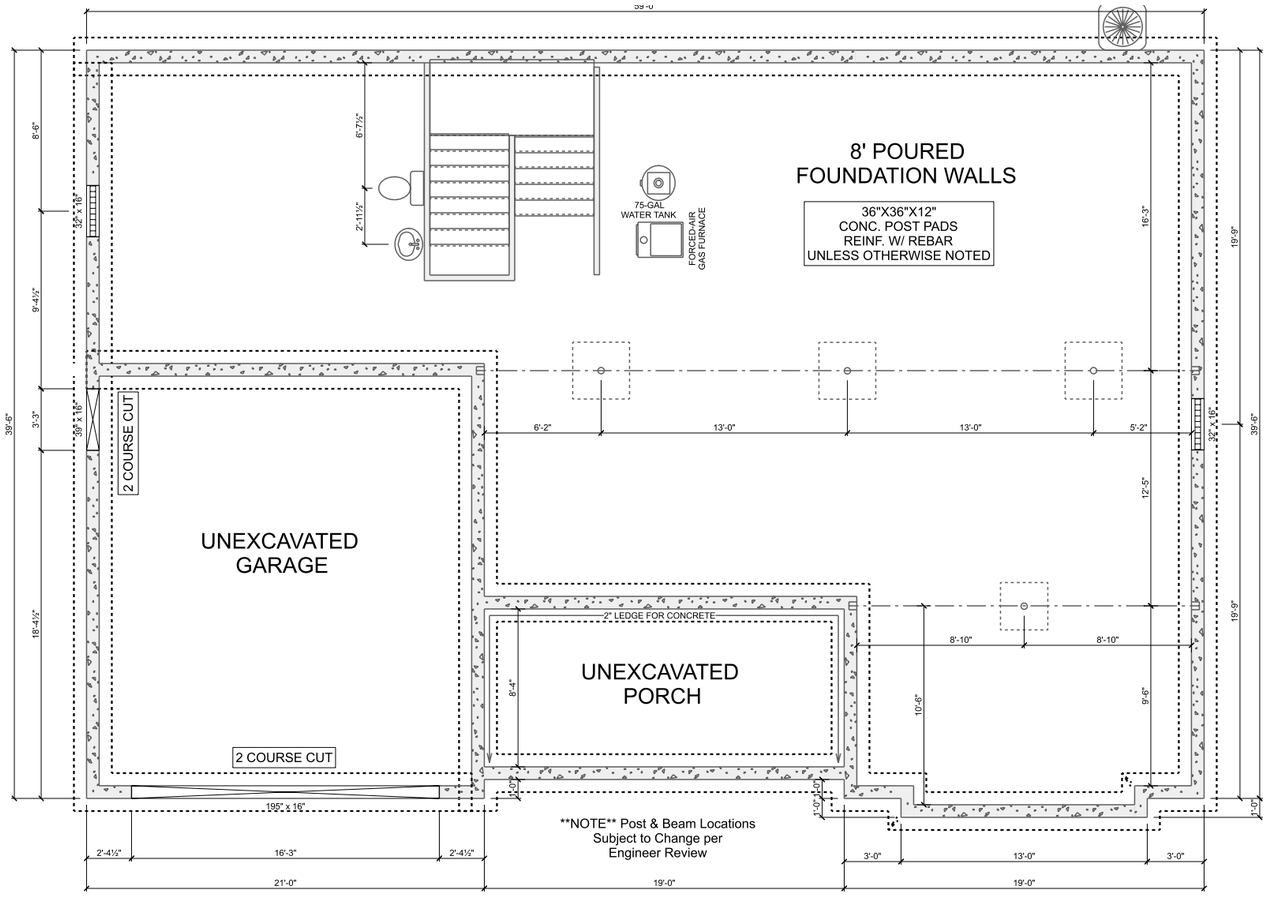
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PAGE NUMBERS

THE TOMALLO RESIDENCE

13429 CLIFF DRIVE
LAKEWOOD OH 44107

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DATE: 3/23/2023	



FOUNDATION

SCALE: 1/8" = 1'-0"

THE TOMALLO RESIDENCE

13429 CLIFF DRIVE
LAKEWOOD OH 44107

DRAWN BY:

SCALE: 1/8" = 1'-0"

DATE: 3/23/2023

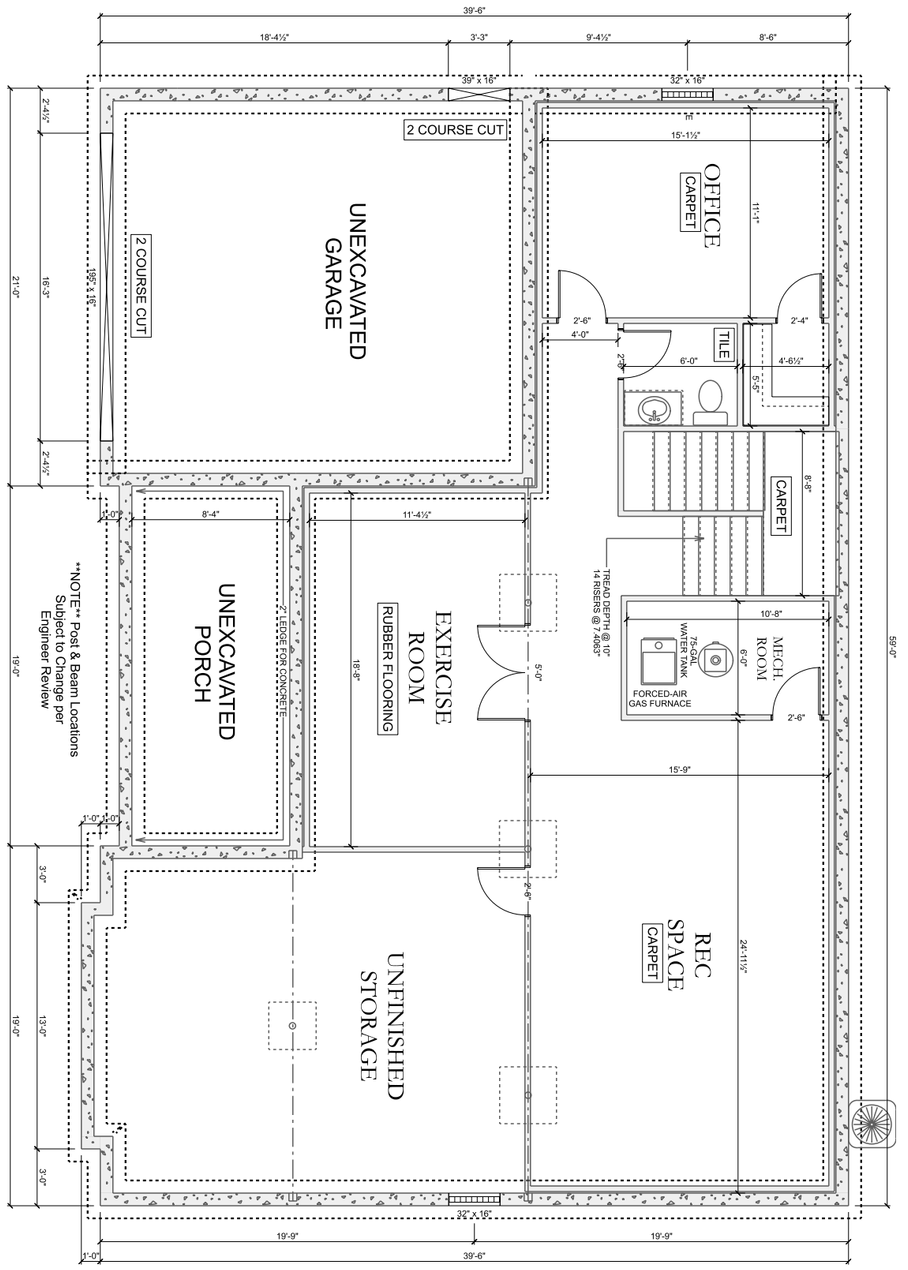
PAGE: 5 FOUNDATION

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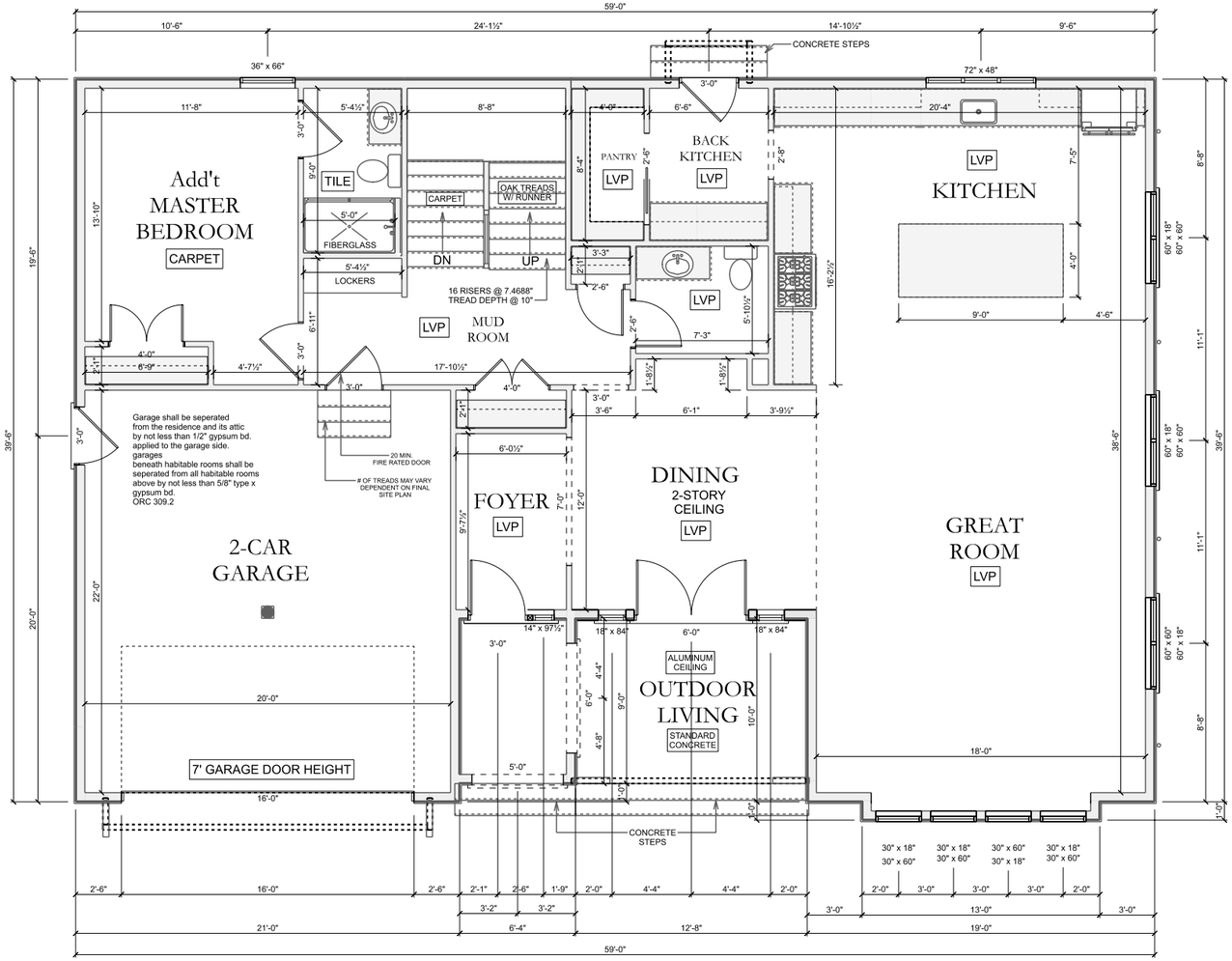
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FINISHED BASEMENT

SCALE: 1/8" = 1'-0"



Old World CUSTOM HOMES Old World Classics, LLC 7056 Mears Gate Dr. NW North Canton, OH 44720 330.494.0228 www.oldworldclassics.com	A 1 1 — SECTION LETTER / PAGE NUMBERS	THE TOMALLO RESIDENCE 13429 CLIFF DRIVE LAKEWOOD OH 44107 DRAWN BY: SCALE: 1/8" = 1'-0" DATE: 3/23/2023 PAGE: 6 FINISHED BASEMENT



9'0" WALL HEIGHT
8'0" DOOR HEIGHT
8'0" DRYWALL OPENINGS
UNLESS OTHERWISE NOTED

NOTE ITEMIZED SPECIFICATIONS HOLD PRECEDENCE OVER CONCEPT PRINTS. ANY DISCREPANCIES TO BE ADDRESS IN BUILD GRADE PRINTS

NOTE: EMERGENCY & RESCUE OPENINGS
5 SQ FT 24" MIN. HEIGHT. 20" MIN WIDTH, 44" MAX.
SILL HEIGHT ABOVE FINISHED FLOOR.
NOTED WITH "E"

EXTERIOR WALLS TO BE 2X6 WOOD STUDS AT 16" O.C. SPACING. THIS MEETS REQUIREMENTS OF TABLE R602.3.1 FOR WIND SPEEDS OF 100 MPH OR LESS.

WOOD STUD WALLS CAPPED WITH DOUBLE TOP PLATE INSTALLED TO PROVIDE OPERLAPPING AT CORNERS AND INTERSECTIONS WITH BEARING PARTITIONS. END JOINTS ON TOP PLATES SHALL BE OFFSET AT LEAST 24". PLATES SHALL BE NOT LESS THAN 2" IN NOMINAL THICKNESS AND HAVE A WIDTH AT LEAST EQUAL TO THE WIDTH OF THE STUDS.

FIREBLOCKING. SHALL BE PROVIDED TO CUT OFF ALL CONCEALED DRAFT OPENINGS (BOTH VERTICAL AND HORIZONTAL) AND TO FORM AN EFFECTIVE FIRE BARRIER BETWEEN STORIES AND BETWEEN A TOP STORY AND ROOF SPACE. #1) IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS AS FOLLOWS: #1.1 VERTICALLY AT THE CEILING AND FLOOR LEVELS. #1.2) HORIZONTALLY AT INTERVALS NOT EXCEEDING 10'. #2) AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILING AND COVE CEILINGS. #3) IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN. ENCLOSED SPACES UNDER THE STAIRS SHALL BE COVERED WITH 1/2" GYPSUM DRYWALL. #4) AT OPENINGS AROUND VENTS, PIPES, AND AT CEILING AND FLOOR LEVEL, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION.

HEADERS; (3) 2X10'S WITH (1) JACK EACH END UNLESS OTHERWISE NOTED

VAPOR BARRIER: IN ALL FRAME WALLS AND FLOORS AND CEILINGS NOT VENTILATED TO ALLOW MOISTURE TO ESCAPE AN APPROVED VAPOR RETARDER SHALL BE INSTALLED ON THE WARM-IN-WINTER SIDE OF THE THERMAL INSULATION PER RCO 601.3

AS LISTED IN THE 2019 RCO, GLAZING SHALL CONFORM TO ALL REQUIREMENTS OF SECTION 308.4

AS LISTED IN THE 2019 RCO, GLAZING SHALL CONFORM TO ALL REQUIREMENTS OF SECTION 308.4
NO WINDOWS SHOWN ABOVE TUBS OR SHOWERS OR CLOSER THAN 24" TO A DOOR

BEAM BEARING: END OF JOIST, BEAM OR GIRDER TO BEAR 1-1/2" OR GREATER ON WOOD OR METAL AND TO BEAR 3" OR GREATER ON MASONRY PER RCO 502.6.

BEARING PARTITIONS: SOLID BLOCK ALL POINT LOADS FROM ROOF DOWN THROUGH FOUNDATION PER RCO 501.2

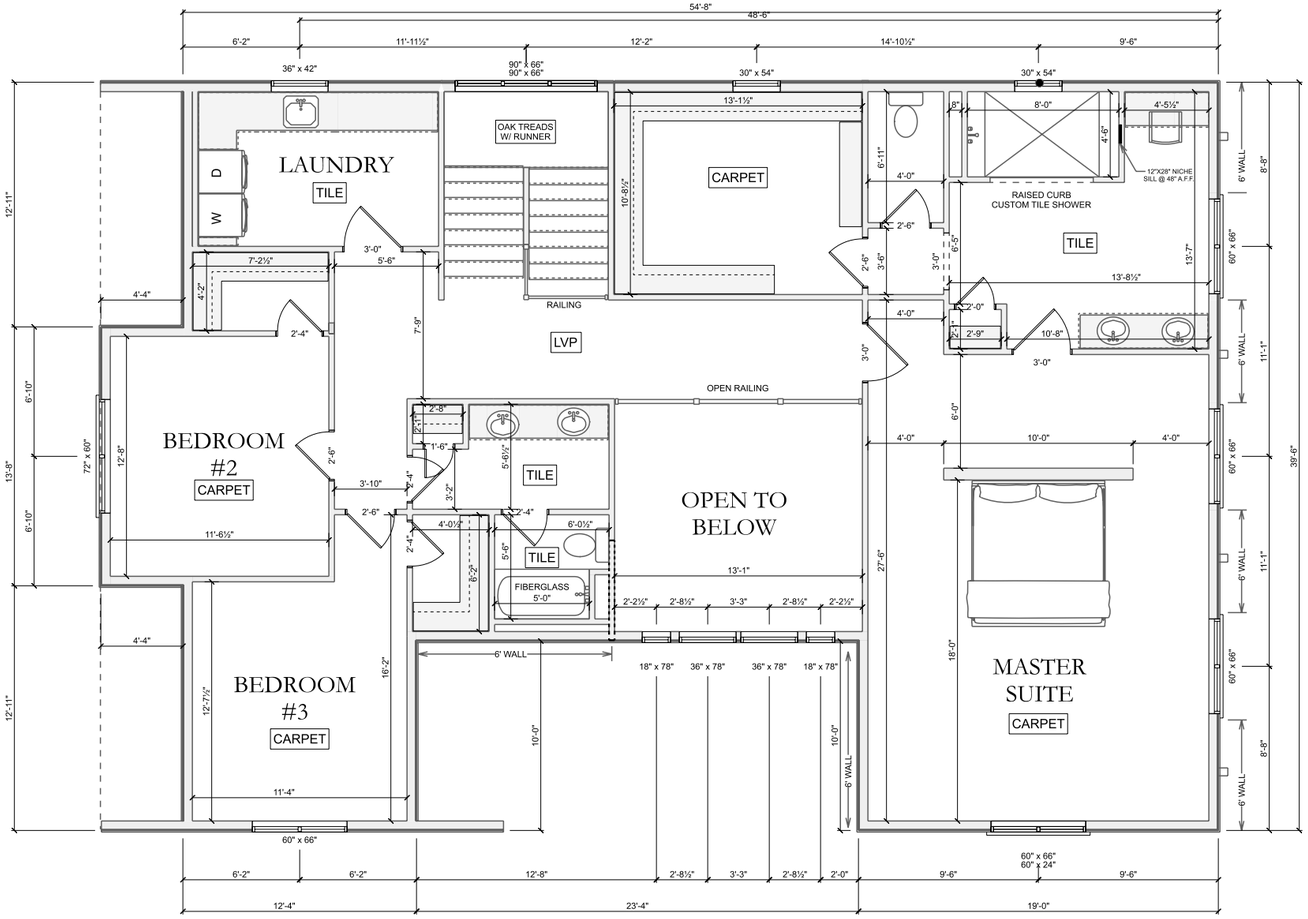
MAIN FLOOR
SCALE: 1/8" = 1'-0"

THE TOMALLO RESIDENCE
13429 CLIFF DRIVE
LAKEWOOD OH 44107

PAGE: 7 MAIN FLOOR
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SCALE: 1/8" = 1'-0"
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8' WALL HEIGHT
6'8" DOOR HEIGHT
UNLESS OTHERWISE NOTED

SECOND FLOOR

SCALE: 1/8" = 1'-0"

THE TOMALLO RESIDENCE

13429 CLIFF DRIVE
LAKEWOOD OH 44107

PAGE: 8 SECOND FLOOR

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DATE: 3/23/2023

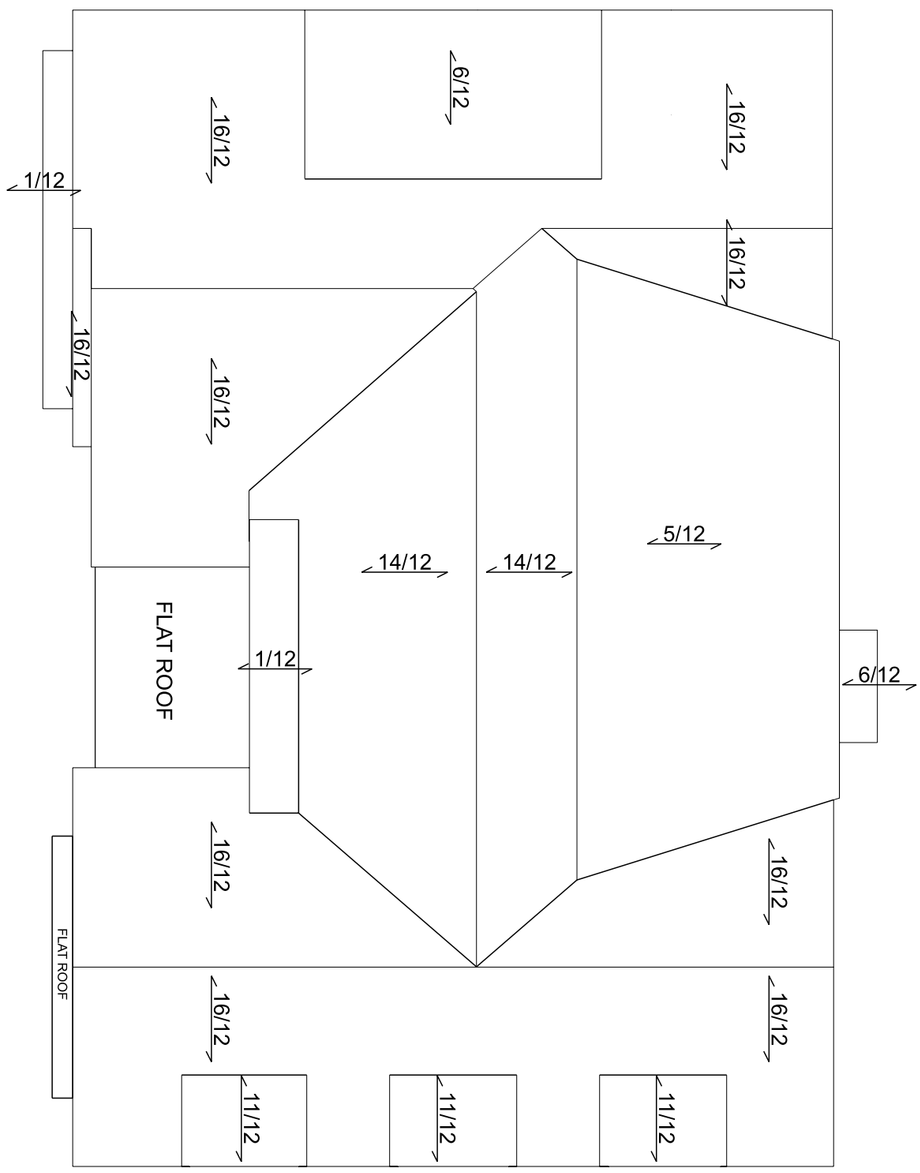
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ROOF PLAN

SCALE: 1/8" = 1'-0"



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THE TOMALLO RESIDENCE

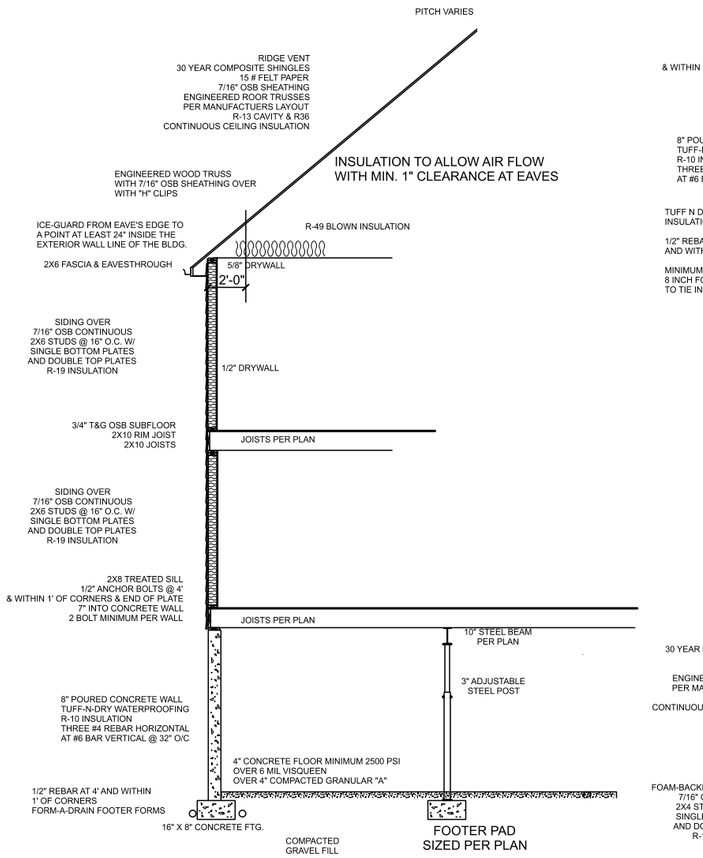
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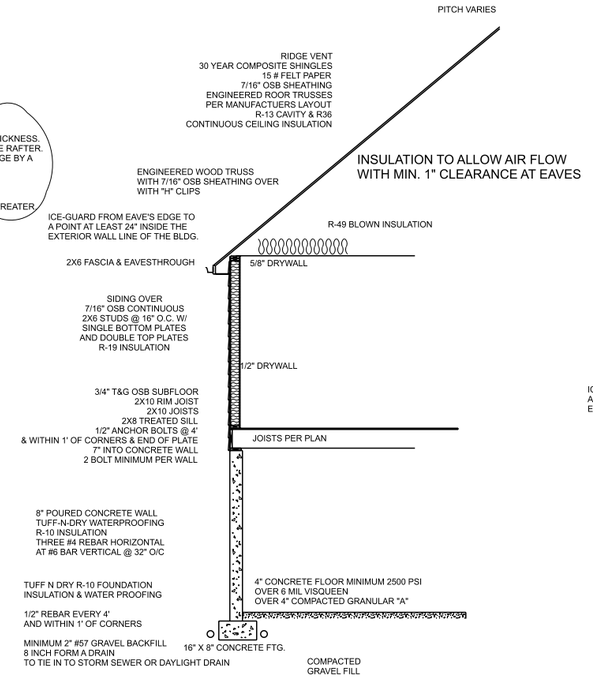
PAGE:
9
ROOF PLAN

RIDGE BOARD SHALL NOT BE LESS THAN 1" IN THICKNESS AND NOT LESS THAN THE CUT END OF THE RAFTER.
HIP AND VALLEY RAFTERS SHALL NOT BE LESS THAN 2" IN THICKNESS.
HIP RAFTERS SHALL NOT BE LESS THAN THE CUT EBD OF THE RAFTER.
HIP AND VALLEY RAFTERS SHALL BE SUPPORTED AT THE RIDGE BY A BRACE TO A BEARING PARTITION OR BE DESIGNED TO DISTRIBUTE THE LOADS PER RC0802.3.

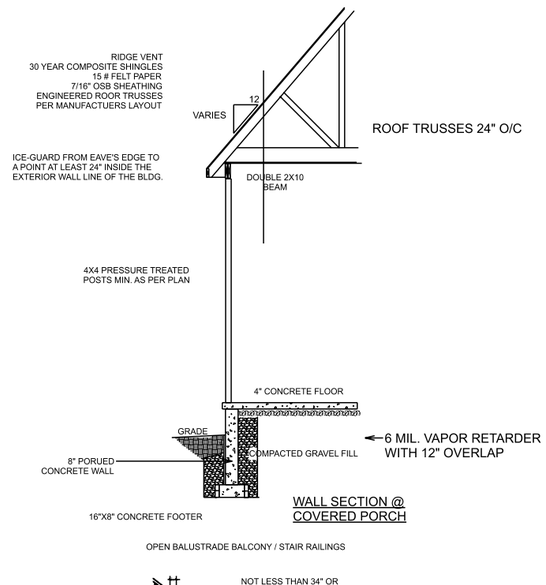
ROOF SHEATHING SHALL BE SUPPORTED BY BLOCKING OR EDGE CLIPS WHEN RAFTERS OR TRUSSES ARE 24" O.C. OR GREATER.



TYPICAL WALL SECTION @ 2 STORY

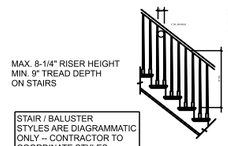


TYPICAL WALL SECTION



WALL SECTION @
COVERED PORCH

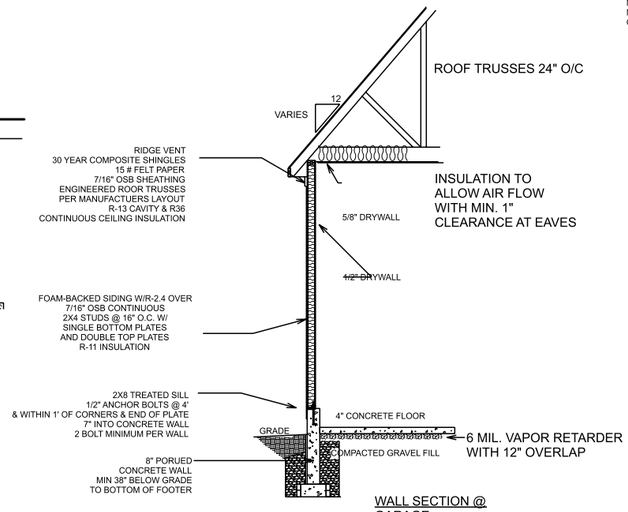
OPEN BALUSTRADE BALCONY / STAIR RAILINGS



ALL HANDRAILS SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIRS. HANDGRIP PORTION OF ALL HANDRAILS SHALL NOT BE LESS THAN 1-1/4" NOR MORE THAN 2" IN CROSS SECTIONAL DIMENSION, OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE

ALL FOOTINGS AND FOUNDATION WALLS TO BE SIZED AND REINFORCED PER TABLES 401.4.1, 403.1, 402.2, 404.1.1 (1)-(4) AND 505.1

1. ALL TRUSS DRAWINGS TO BE ON SITE AND APPROVED PRIOR TO INSTALATION
2. FIRE BLOCKING TO BE COMPLETED IN COMPLIANCE WITH R602.8
3. DRAFTSTOPPING TO BE COMPLETED IN COMPLIANCE WITH R502.12
4. ICE GUARD TO BE COMPLETED IN COMPLIANCE WITH R905.2.7.2



WALL SECTION @
GARAGE

ALL FOOTINGS AND FOUNDATION WALLS TO BE SIZED AND REINFORCED PER TABLES 401.4.1, 403.1, 402.2, 404.1.1 (1)-(4) AND 505.1

1. ALL TRUSS DRAWINGS TO BE ON SITE AND APPROVED PRIOR TO INSTALATION
2. FIRE BLOCKING TO BE COMPLETED IN COMPLIANCE WITH R602.8
3. DRAFTSTOPPING TO BE COMPLETED IN COMPLIANCE WITH R502.12
4. ICE GUARD TO BE COMPLETED IN COMPLIANCE WITH R905.2.7.2

WINDOW NOTES
1. ANY GLASS IN A HAZARDOUS AREA WILL BE TEMPERED (GLAZED) PER R308.4
2. ALL BEDROOMS WILL HAVE 1 EMERGENCY & RESCUE OPENINGS PER R310.1 - 310.1.4

SECTION - 2X6 WALLS

SCALE: 1/8" = 1'-0"

THE TOMALLO RESIDENCE

13429 CLIFF DRIVE
LAKEWOOD OH 44107

PAGE: 10 SECTIONS 2X6

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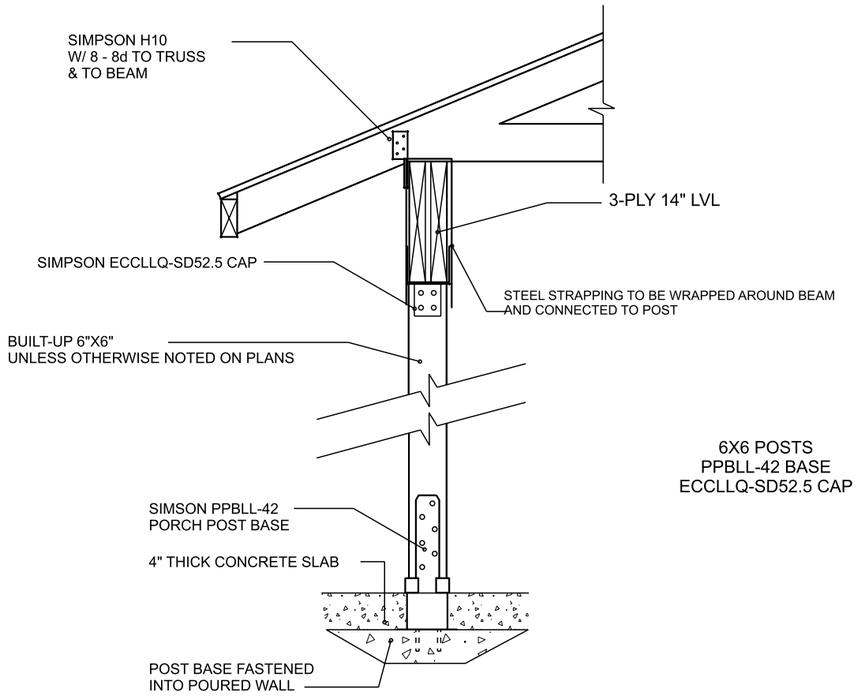
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6X6 POSTS
PPBLL-42 BASE
ECCLLQ-SD52.5 CAP

COVERED PORCH
CONNECTIONS DETAIL

THE TOMALLO RESIDENCE

13429 CLIFF DRIVE
LAKEWOOD OH 44107

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SCALE: 1/4" = 1'-0"
DATE: 3/23/2023

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ADDITIONAL DETAILS

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GENERAL CONSTRUCTION NOTES

MISCELLANEOUS:
FOR ANY ELEMENTS OF CONSTRUCTION NOT SPECIFICALLY NOTED ON THESE PLANS, COMPLY WITH THE LATEST EDITION OF THE OBOA RESIDENTIAL CODE OF OHIO, UNLESSLOCAL BUILDING AND ZONING DEPARTMENTS ADGERE TO A SPECIFIC EDITION.

TRUSSES:
ALL TRUSSES ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER WITH DETAIL DRAWINGS DESCRIBING TRUSS LAYOUTS AND LOAD CALCULATIONS USED TO DESIGN THE TRUSSES. IT IS THE BUILDER AND/OR OWNERS RESPONSIBILITY TO SUPPLY ANY/OR ALL OF THIS INFORMATION IF REQUESTED BY THE BUILDING DEPARTMENT TO ISSUE BUILDING PERMITS.

LIVE LOADS:
IT IS THE RESPONSIBILITY OF THE BUILDER AND/OR OWNER TO VERIFY THAT ALL POINT LOADS TRANSFER TO THE FOUNDATION OR SPECIFIED BEARING LOCATIONS. STRUCTURE SHALL BE DESIGNED TO RESIST MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS PER RCO. 301.5

CONCRETE:
ALL CONCRETE SHALL COMPLY WITH ACI 318-08: "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" AND ACI 318-03: "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI. ALL EXTERIOR CONCRETE SHALL BE AIR-TRAINED PER RCO SECTION 402.2.

LUMBER:
IT IS THE RESPONSIBILITY OF THE BUILDER AND/OR OWNER TO VERIFY THAT ALL LUMBER USED FOR THIS PROJECT MEETS OR EXCEEDS THE MINIMUM REQUIREMENTS OF STREGTH AND MOISTURE CONTENT SET FORTH BY THE STATE AND LOCAL BUILDING CODES. PER RCO 502.1

TYP. SPF #2 OR BETTER Fb.....875 PSI

WALL STUDS SHALL BE A MINIMUM OF 2X6'S @ 16" O.C. AND SHALL BE ONE PIECE FULL HEIGHT AND A MINIMUM OF (2) STUDS AT EACH SIDES OF ALL OPENINGS THROUGH ALL WALLS UNLESS NOTED OTHERWISE

ALL EXTERIOR WALLS TO HAVE VAPOR BARRIER PER RCO 601.3
ALL EXTERIOR WALLS TO HAVE WATER RESISTANT BARRIER PER RCO 703.2
ALL WALL COVERINGS SHALL BE CAPABLE OF RESISTING WIND LOADS IN ACCORDANCE WITH TABLES 301.2(2) AND 301.2(3) PER RCO 703.1.2.

REFER TO THE TYPICAL WALL SECTION FOR SUBFLOOR AND ROOF SHEATHING THICKNESS AND MATERIAL TYPES.

BUILDING THERMAL ENVELOPE:
THE BUILDING THERMAL ENVELOPE SHALL BE DURABLY SEALED TO LIMIT INFILTRATION PER RCO. 1102.4.1. THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSIONS AND CONTRACTION.
THE FOLLOWING SHALL BE CAULKED, GASKETED, WEATHERSTRIPPED OR OTHERWISE SEALED WITH AN AIR BARRIER MATERIAL, SUITABLE FILM OR SOLID MATERIAL:

- ALL JOINTS, SEAMS, AND PENETRATIONS
- SITE-BUILT WINDOWS, DOORS, AND SKYLIGHTS
- OPENINGS BETWEEN WINDOW AND DOOR ASSEMBLIES AND THEIR RESPECTIVE JAMBS AND FRAMINGS
- UTILITY PROTECTIONS
- DROPPED CEILINGS OR CHASES ADJACENT TO THE THERMAL ENVELOPE
- KNEE WALS
- WALLS & CEILINGS SEPARATING THE GARAGE FROM CONDITIONED SPACES
- BEHIND TUBS AND SHOWERS ON EXTERIOR WALLS
- ATTIC ACCESS OPENINGS
- OTHER SOURCES OF INFILTRATION

GENERAL CODE REQUIREMENTS
REFERENCE SECTIONS 1061.3 AND CHAPTER 44 OF THE RESIDENTIAL CODE OF OHIO

ROOFS:
ROOF SHINGLES SHALL BE APPLIED OVER A MINIMUM OF ONE POLY OF #15 FELT SHALL BE LAID PARALLEL TO THE EAVES, WITH A 2" TOP LAP AND 4" END LAP. FOR A ROOF WITH A 4/12 OR LESS PITCH REFER TO RCO SECTION 905.2. ICE GUARD AND WATERSHIELD AT ALL EAVES AND VALLEYS.

ATTICS:
ALL ENCLOSED ATTICS AND RAFTER SPACES SHALL HAVE CROSS VENTILATION WITH THE NET FREE VENTILATING AREA NOT LESS THAN 1/300 OF THE AREA TO BE VENTILATED. ALL OPENINGS SHALL BE PROTECTED AGAINST THE ENTRANCE OF SNOW AND RAIN.

MECHANICALS:
ALL PLUMBING, ELECTRICAL, HEATING AND COOLING SYSTEMS SHALL COMPLY WITH ALL ORDINANCES SET FORTH BY THE LOCAL GOVERNING BUILDING AND ZONING DEPARTMENTS. PLUMBING SHALL ALSO COMPLY WITH THE OHIO PLUMBING CODE. ELECTRICAL SHALL ALSO COMPLY WITH THE NATIONAL ELECTRIC CODE AND THE 2013 RESIDENTIAL CODE OF OHIO.

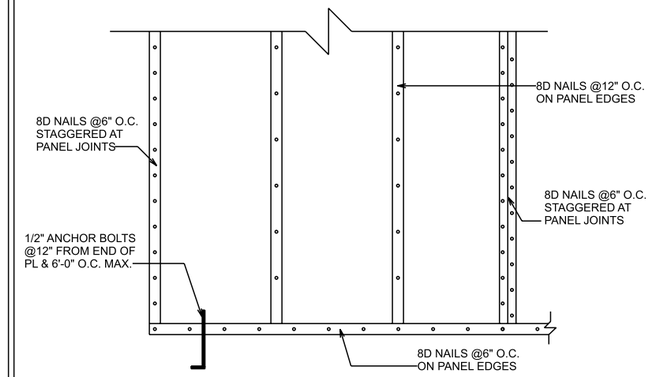
SMOKE & CARBON DETECTORS:
ALL SMOKE & CARBON DETECTORS SHALL BE HARDWIRED & INTERCONNECTED WITH A BATTERY BACK-UP. THEY SHALL BE INSTALLED IN EACH SLEEPING ROOM, OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS AND ON EACH ADDITIONAL STORY OF THE BUILDING PER RCO. 314.3 AND 315.1

FIRESTOPPING:
SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS: CONCEALED SPACES OF STUD WALLS AND PARTITIONS AT THE CEILING AND FLOOR, OR ROOF LEVELS. AT ALL INTERCONNECTIONS BETWEEN VERTICAL AND HORIZONTAL SPACES SUCH AS OCCURS AR SOFFITS OVER CABINETS, DROP CEILINGS, ETC. ALSO AROUND VENTS, PIPES, AND CHIMNEYS AT CEILING AND FLOOR LEVELS, WITH NONCOMBUSTABLE MATERIALS.

INSULATION:
INSULATION SHALL BE INSTALLED AND ALSO COMPLY WITH ALL MINIMUM ORDINANCES SET FORTH BY THE LOCAL GOVERNING BUILDING AND ZONING DEPARTMENTS.
REFER TO THE TYPICAL WALL SECTIONS FOR R-VALUES AND LOCATIONS.

SHEATHING:
EXTERIOR WALLS & ROOF SHALL BE CONTINUOUSLY SHEATHED WITH MIN, 7/16" OSB OR PLYWOOD PER SECTION 602.10 NAILED W/ 8D NAILS AT 6" O.C. AT ALL PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.

FIREPLACES:
ALL CHIMNEYS AND FIREPLACES SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF 2013 RCO AND INSTALLED PER THE ORDINANCES SET FORTH BY THE LOCAL GOVERNING BUILDING AND ZONING DEPARTMENTS. IT IS THE RESPONSIBILITY OF THE BUILDER AND/OR OWNER TO VERIFY THE ROUGH-OPENING DIMENSIONS FOR ALL PRE-FAB FIREPLACES WITH THE ACTUAL UNIT TO BE INSTALLED, PRIOR TO FRAMING.



METHOD CS-WSP (602.10.4)

- THIS IS FOR ALL EXTERIOR WALLS OF THE HOME
- EXTERIOR BRACED WALLS ARE ALL TO BE CONTINUOUSLY SHEATHED WITH MIN 7/16" OSB OR PLYWOOD PER CODE
- ATTACH PER TABLE 602.3(3)
- CONTINUOUSLY SHEATH PER SECTION 602.10.4.2
- MIN. PANEL LENGTHS PER TABLE 602.10.5
- PER TABLE 602.10.1.3 BRACED WALL LINE SPACING 60 FT. MAX WITH 3.1 DIAPHRAGM WIDTH TO DEPTH RATION

BRACED WALL PANELS (NOT TO SCALE)

STAIR REQUIREMENTS:

MIN. STAIR WIDTH EXCLUDING WALL HANDRAIL.....3'-0"
MINIMUM TREAD DEPTH.....9"
MAXIMUM RISER HEIGHT.....8-1/4"
MAXIMUM VARIANCE IN RISER HEIGHT.....3/8"
MAXIMUM NOSING PROJECTION.....1"
MINIMUM HEADROOM HEIGHT AT STAIR ANGLE.....6'-8"
MINIMUM/MAXIMUM HANDRAIL HEIGHT.....34" / 38"
MAXIMUM BALUSTER SPACING (CLEAR OPENING).....<4"
MINIMUM GUARDRAIL HEIGHT AT STAIRS.....34"
MINIMUM GUARDRAIL HEIGHT AT DECKS & BALCONIES.....36"
MAXIMUM HAND GRIP WIDTH.....2-1/4"
MINIMUM DISTANCE BETWEEN WALL AND HANDRAIL.....1-1/2"

THE TOMALLO RESIDENCE
13429 CLIFF DRIVE
LAKEWOOD OH 44107

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SCALE: As Noted
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GENERAL NOTES

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Cliff Dr
Cliff Dr



Old World
CUSTOM HOMES

EXTEIOR COLOR SELECTIONS

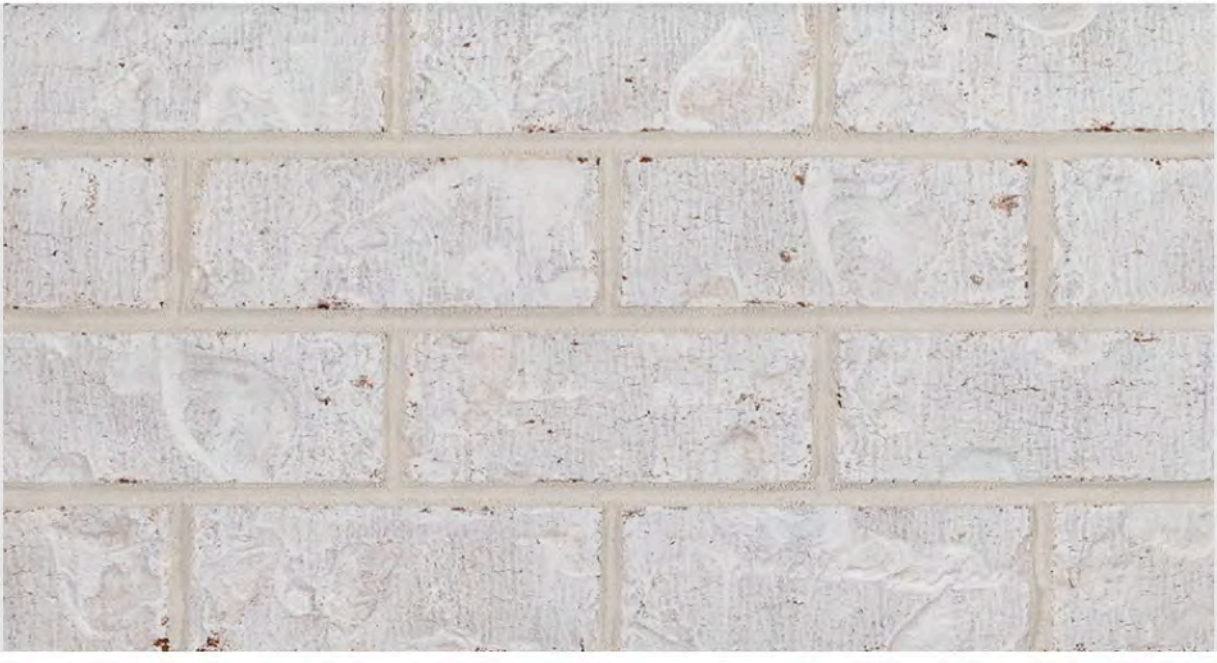
HOMEOWNWER: *Michelle Tomallo*

ADDRESS: 13429 Cliff Drive

Lakewood, OH 44107

	COLOR	MANUFACTURER
Vinyl Siding:	n/a	
LP Siding:	Bright white	Sherwin Williams
Other Siding:	n/a	
Roof:	Moire Black	Certainteed
Brick:	Painted Bright white	Sherwin Williams
Shutters:	n/a	
Accent Siding:	Tricorn Black SW6258	Sherwin Williams
Gutters/Downs:	Black	Sherwin Williams
Sofit:	Antique White	Sherwin Williams
Front Door:	Rave Red	Sherwin Williams
Garage Door:	white	Wayne Dalton
Metal Roof:	Black	
Window Headers:	Limestone	

Glen-Gery



Cafe Breve

New Arrival






1026







BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD

12650 Detroit Avenue ● (216) 529-6630 ● FAX (216) 529-5907 ● www.lakewoodoh.gov

Application Cover Page

Docket No.: 04-29-23

Permit No.: BBS23-000019

Applicant Name: Richard Martin

Project Address: 1324 Giel Ave.

Project Name: n/a

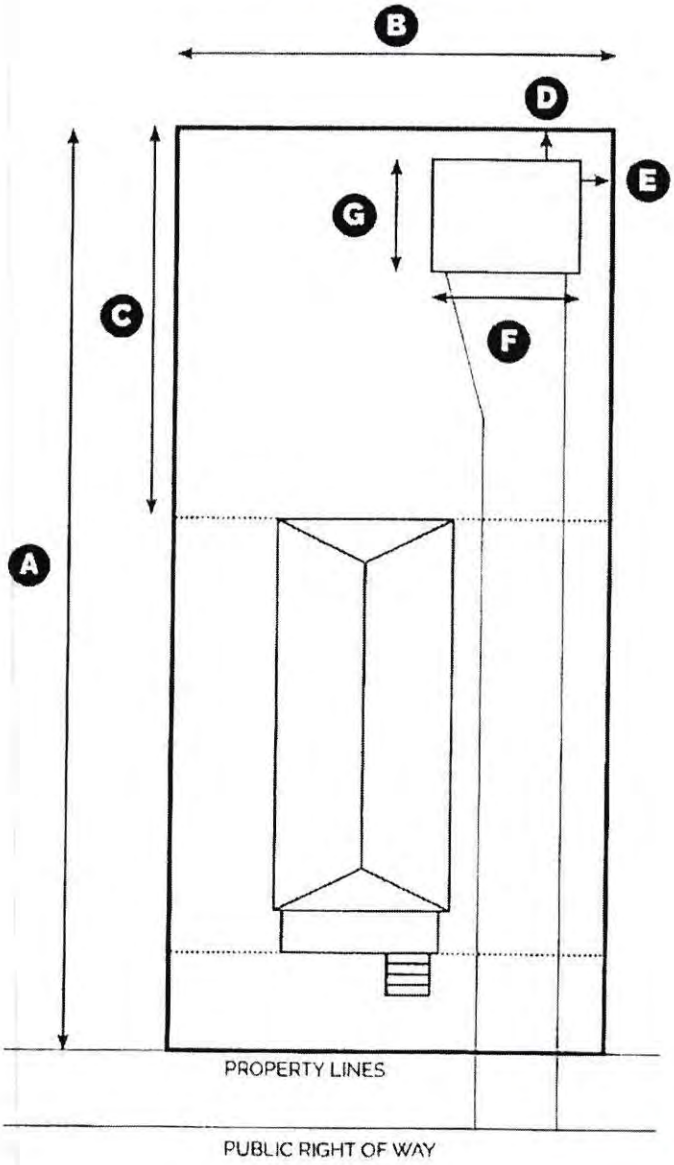
Project: Applicant proposes a garage replacement.



CITY OF LAKEWOOD OHIO
Division of Housing and Building
12650 Detroit Ave, Lakewood OH 44107
building.permits@lakewoodoh.net
(216) 529-6270

DETACHED GARAGE PLACEMENT
PLACEMENT WORKSHEET (RIGHT-HAND OPTION)

PROPERTY ADDRESS: 1324 Giel Ave



ORIENTATION

NORTH
(INDICATE DIRECTION)

DETACHED GARAGE (IN FEET)

A	LOT DEPTH	125'
B	LOT WIDTH	50½'
C	REAR YARD DEPTH	46'4"
D	REAR SETBACK	1'6"
E	SIDE SETBACK	18'4"
F	GARAGE WIDTH	21'
G	GARAGE DEPTH	22'

GARAGE AREA (WIDTH X DEPTH)
462 SF

DRIVE WAY

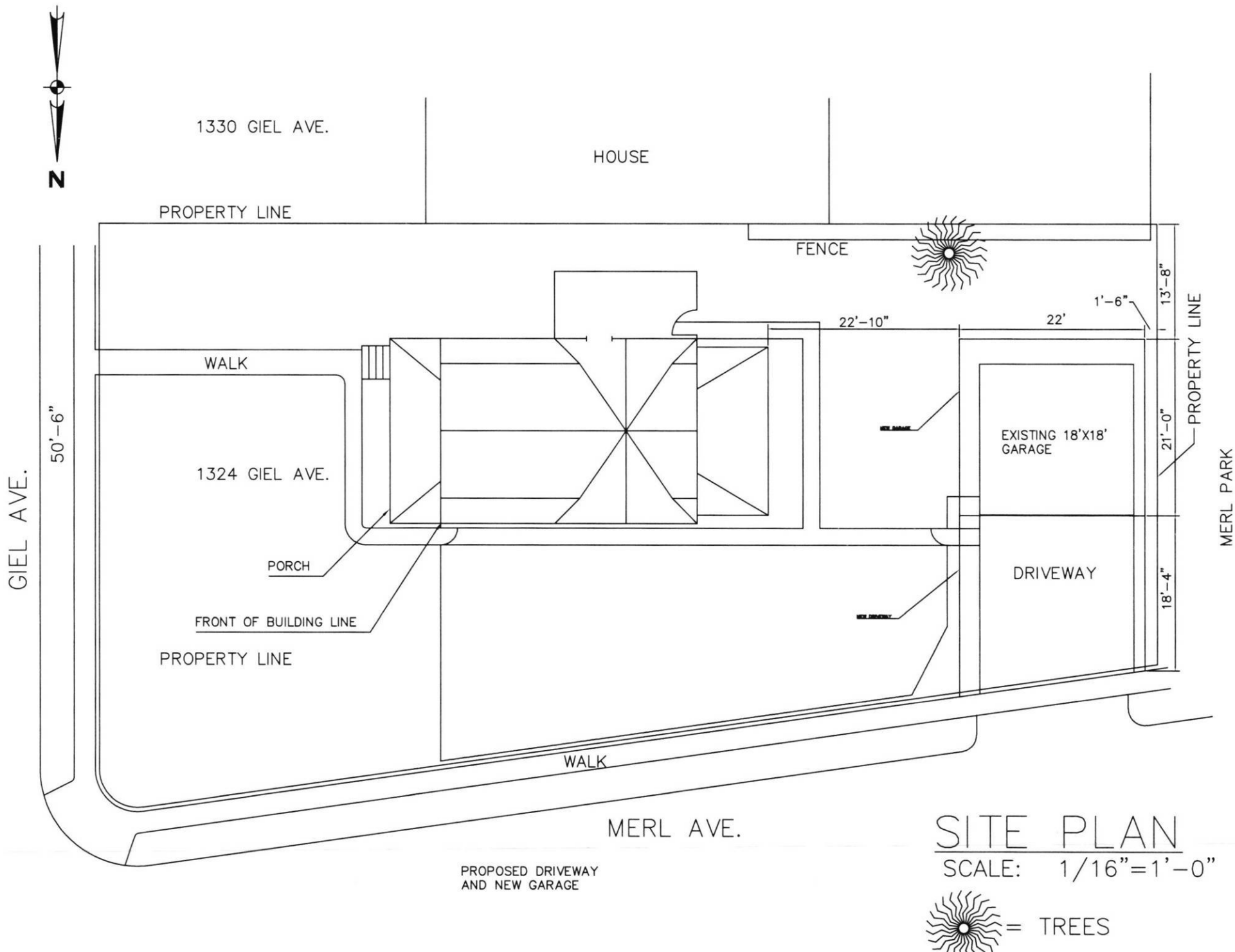
REPLACEMENT	(Y) / N
DRAIN	Y / (N)

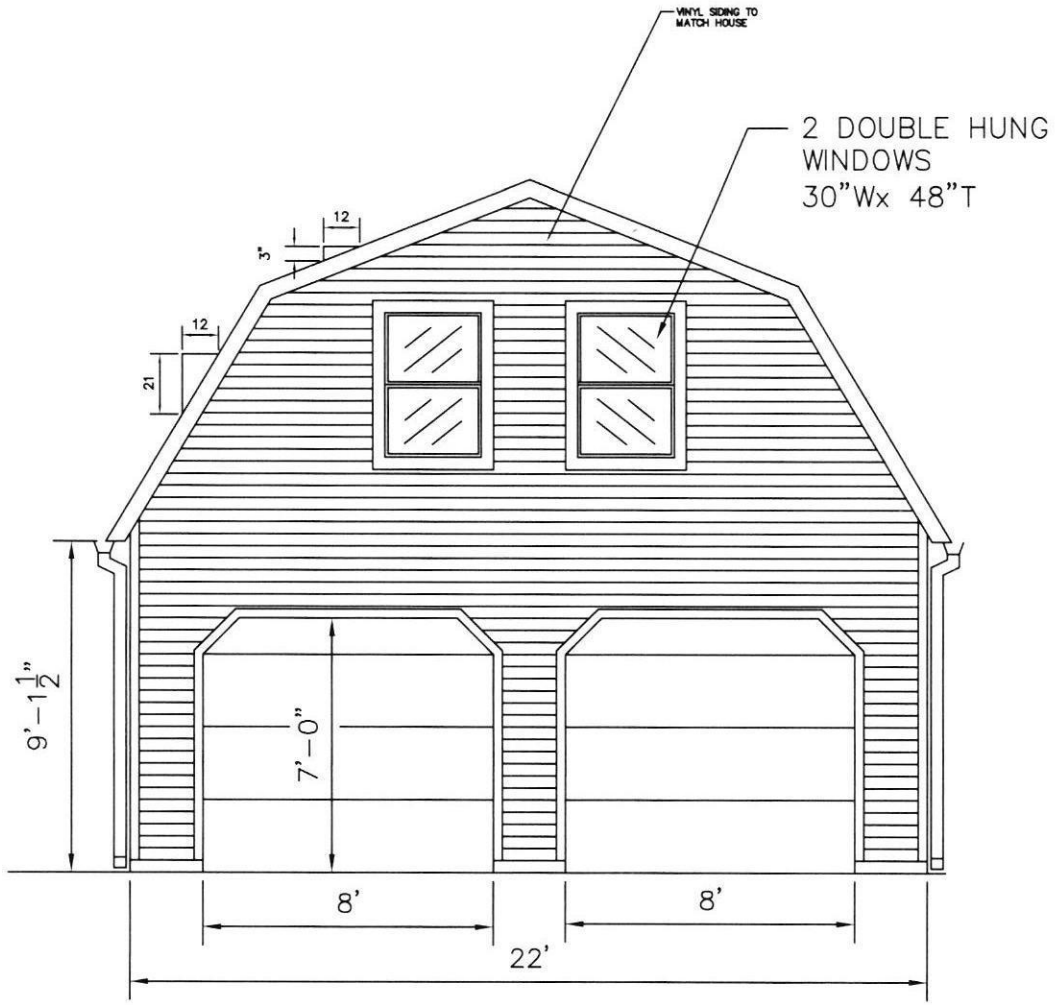
REVISED 2nd

SITE PLAN

City of Lakewood
RAS23-000014
Approved Revisions
William Wagner
03/17/2023

RAS23-000014
RECEIVED
MAR 17 2023
By

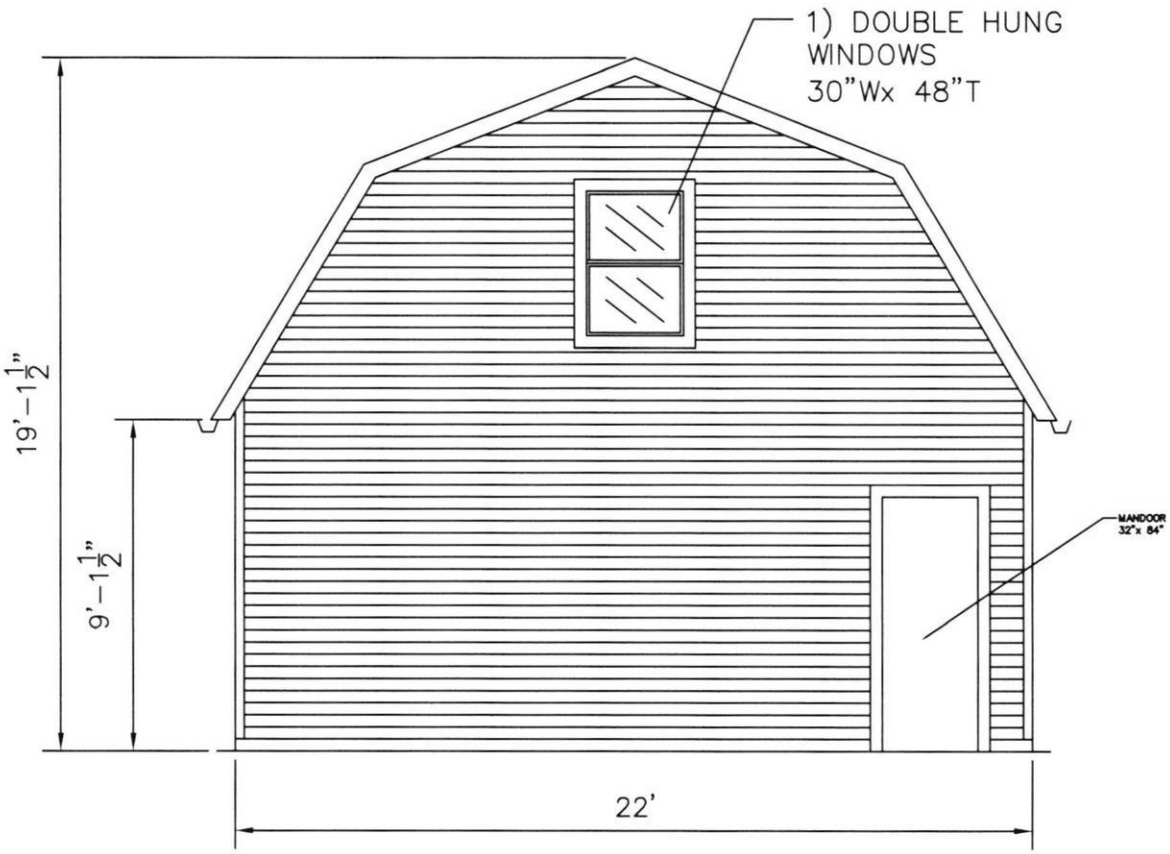

N
1330 GIEL AVE.
HOUSE
PROPERTY LINE
FENCE
1'-6"
22'-10"
22'
13'-8"
PROPERTY LINE
WALK
50'-6"
GIEL AVE.
1324 GIEL AVE.
EXISTING 18'X18' GARAGE
21'-0"
MERL PARK
PORCH
DRIVEWAY
18'-4"
FRONT OF BUILDING LINE
PROPERTY LINE
WALK
MERL AVE.
PROPOSED DRIVEWAY AND NEW GARAGE
SITE PLAN
SCALE: 1/16"=1'-0"
= TREES



FRONT ELEVATION

SCALE: 3/16"=1'-0"

RICHARD MARTIN
1324 GIEL AVE.
216-849-6706

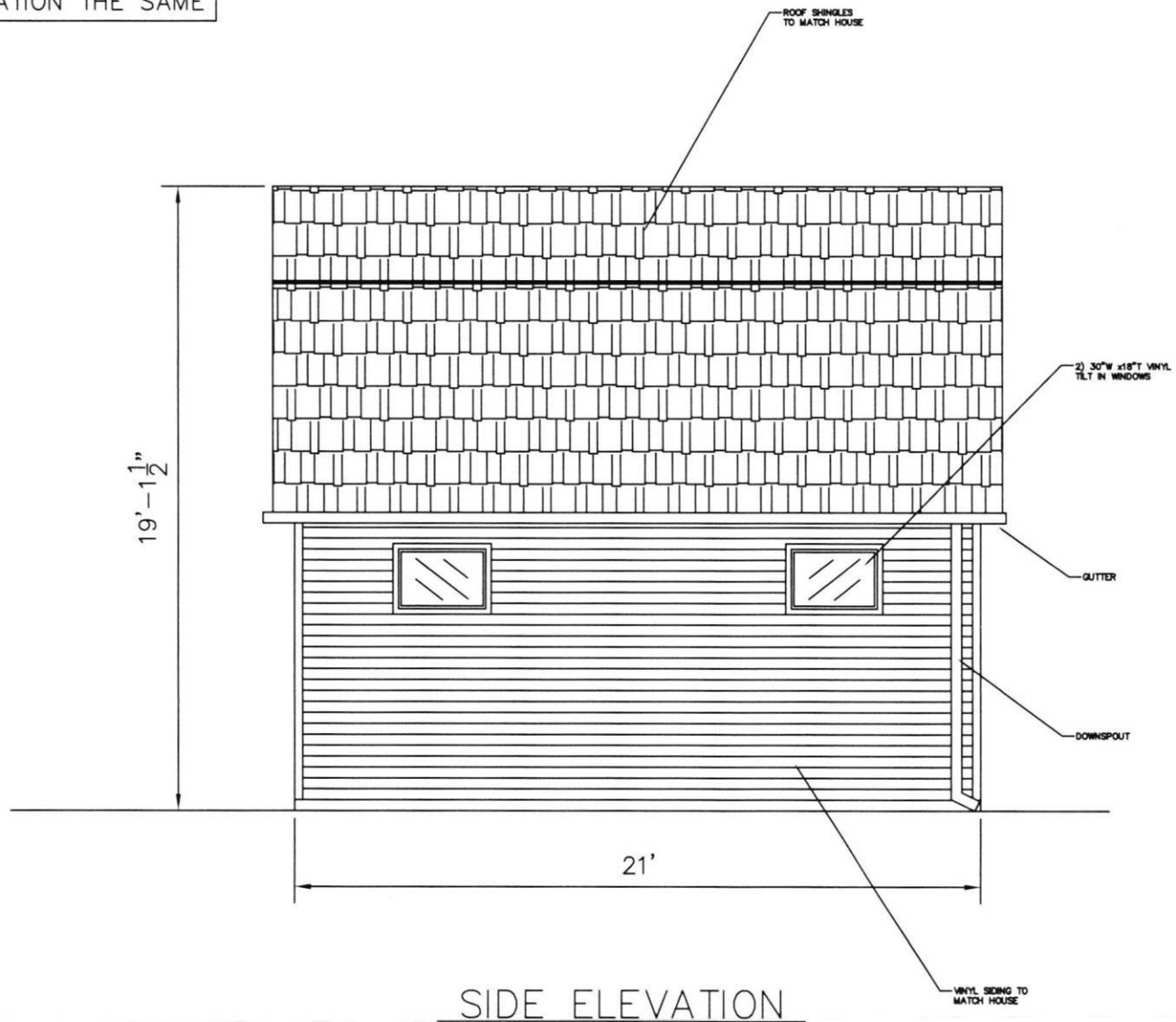


REAR ELEVATION

SCALE: 3/16"=1'-0"

RICHARD MARTIN
1324 GIEL AVE.
216-849-6706

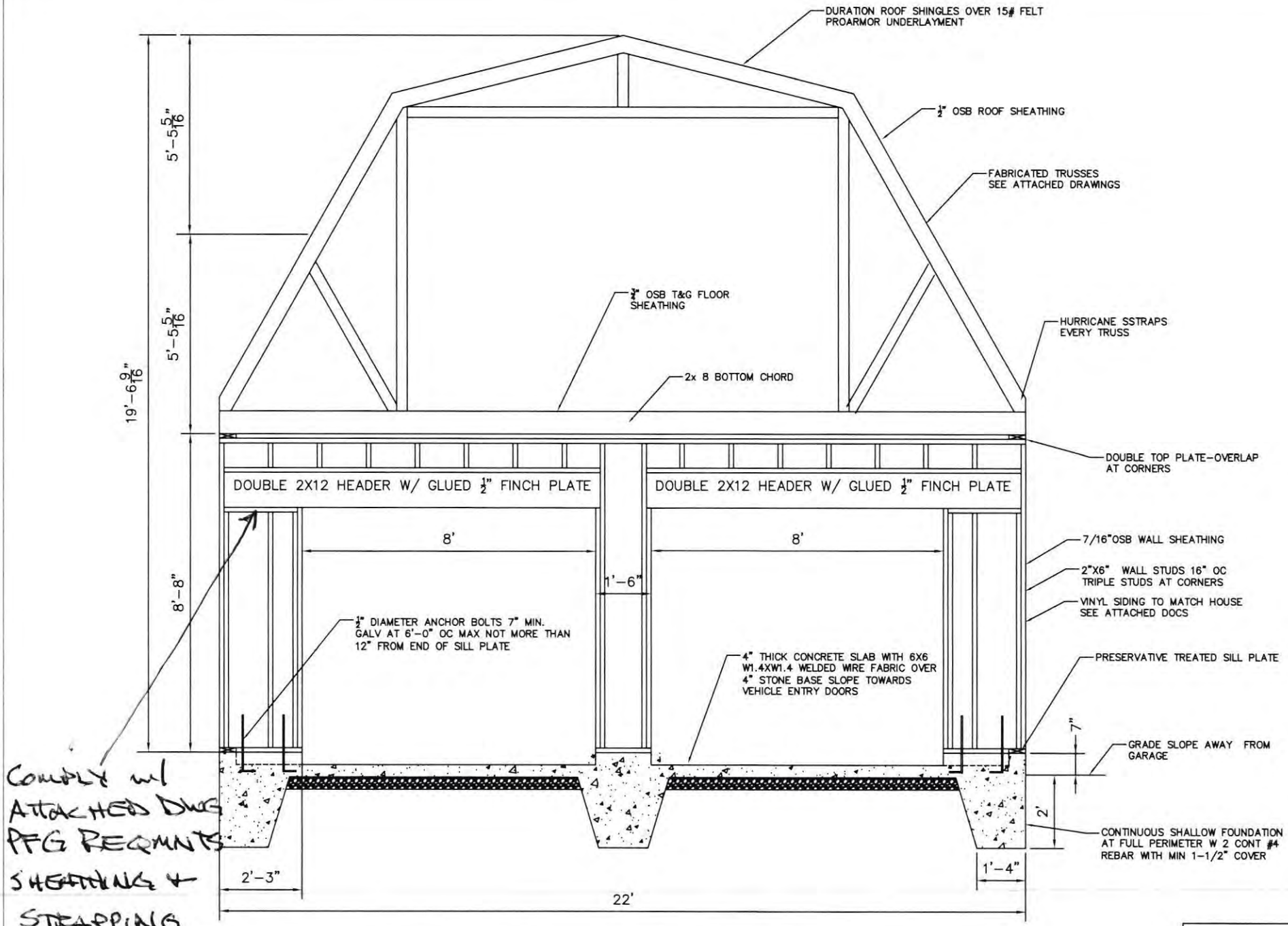
LEFT AND RIGHT SIDE
ELEVATION THE SAME



SIDE ELEVATION

SCALE: 3/16"=1'-0"

RICHARD MARTIN
1324 GIEL AVE.
216-849-6706



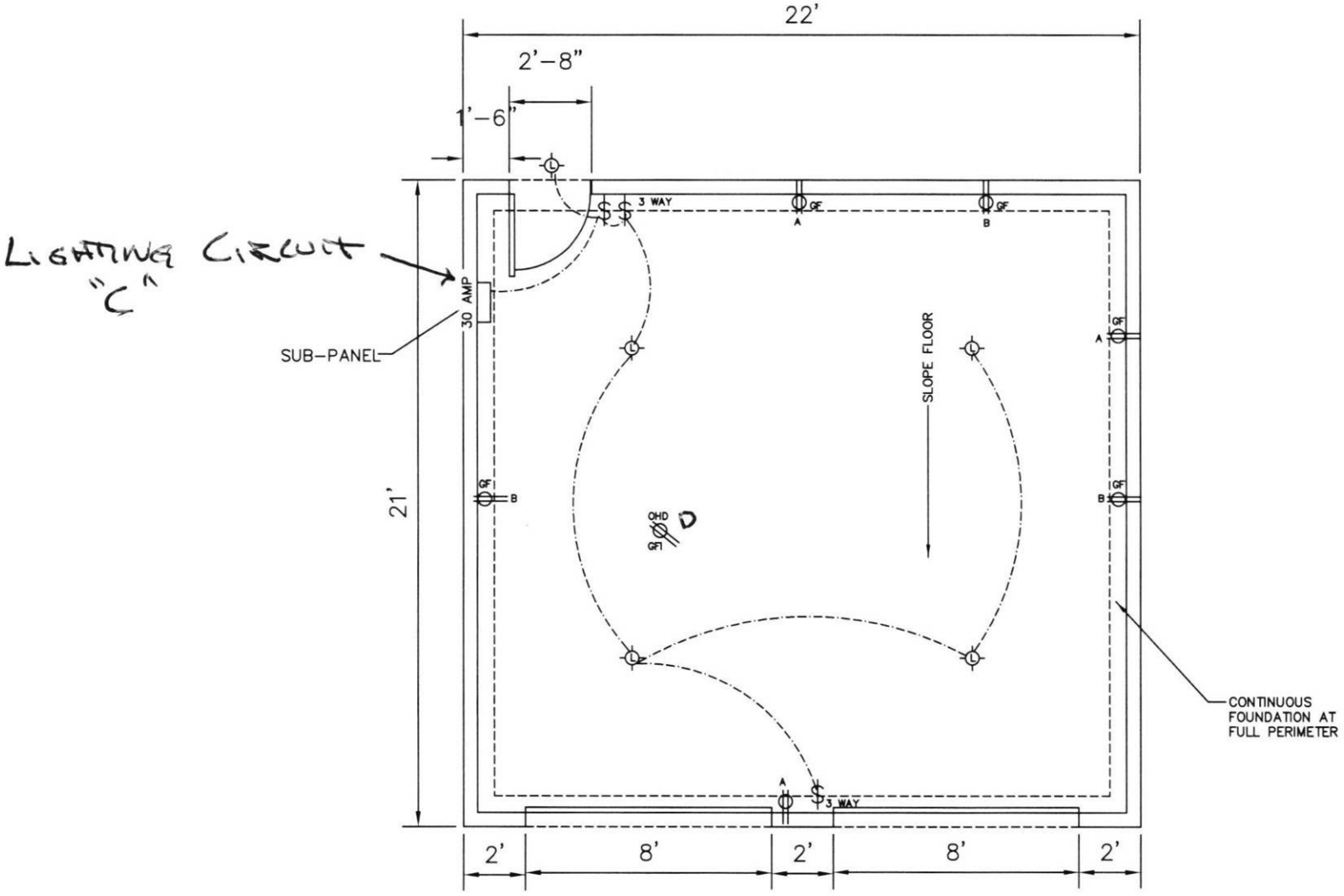
COMPLY w/ ATTACHED DWG PFG REQMNTS SHEATHING + STRAPPING

FRONT ELEVATION

SCALE: N.T.S.

REV 3/17/23

RICHARD MARTIN
1324 GIEL AVE.
216-849-6706

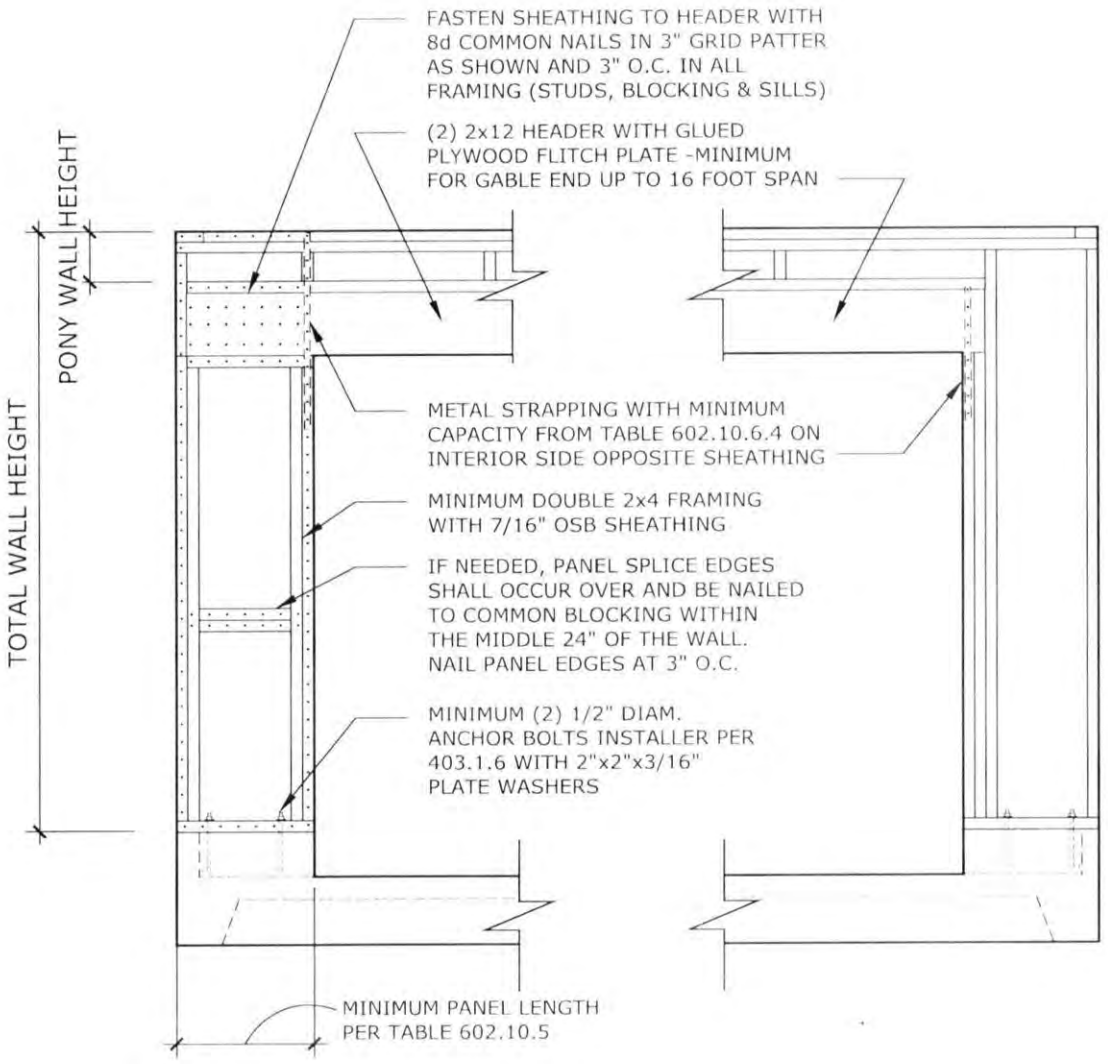


FLOOR PLAN

SCALE: 3/16"=1'-0"

REV. 3/17/23

RICHARD MARTIN
1324 GIEL AVE.
216-849-6706



PORTAL FRAME GARAGE (PFG) REQUIREMENTS

RCO TABLE 602.10.5
PFG (PORTAL FRAME AT GARAGE) METHOD
MINIMUM LENGTH OF BRACED WALL PANELS

TOTAL WALL HEIGHT	MINIMUM LENGTH
8 ft	24"
9 ft	27"
10 ft	30"

RCO TABLE 602.10.6.4 [ABBREVIATED]
TENSION STRAP CAPACITY REQUIRED FOR RESISTING WIND PRESSURES PERPENDICULAR TO METHOD PFH, PFG AND CS-PF BRACED WALL PANELS

2x4 STUD WALLS, 10 ft OR LESS AT 90 mph BASIC WIND SPEED, EXPOSURE B		
MAXIMUM PONY WALL HEIGHT (ft)	MAXIMUM TOTAL WALL HEIGHT (ft)	TENSION STRAP CAPACITY (lb)
0	18	1000
1	9	1000
	16	1000
	18	1200
2	9	1000
	16	2025
	18	2400

Detached Garage

Address:

(Portal frame bracing method)
C.O.L. v1 11212016

Date: 3/13/2023 - 11:04 AM
Design ID: 335756851785
Estimate ID: 55733
Estimated Price: $12,998.56
**Today's estimated price. Future pricing may go up or down. Tax, labor, and delivery not included.*

MENARDS®
Design&Buy™
GARAGE

Materials

Building Info

Building Location Zip Code:	44011
Building Width:	22'
Building Length:	~~22'~~ 21'
Building Height:	9'
Curb:	Poured Curb
Curb Height:	6"
Foundation Type:	Thickened Slab
Wall Framing Stud:	2 x 6
Roof Framing:	Truss Construction
Truss Type:	Gambrel Room in attic
Roof Pitch:	3/12 ~~4/12~~ Pitch
Room Size:	8' x 12'
Floor:	3/4 x 4 x 8 Tongue-and-Groove OSB Sturd-I-Floor
Eave Overhang:	12"
Gable Overhang:	12"
Room In Attic Access Option:	Ladder
Ladders:	Keller® 22.5"W x 8'-10'H Type IAA Aluminum Universal Attic Ladder
Custom Garage Plan:	Yes I need a custom building plan

Wall Info

Siding Material Types:	Vinyl
Vinyl Siding:	ABTCO® Cedar Creek™ Double 4, Color: ~~White~~ TAN
Vinyl Corner Trim Color:	White
Accent Material Type:	None
Wainscot Material Type:	None
Wall Sheathing:	7/16 x 4 x 8 OSB(Oriented Strand Board)
House Wrap:	Typar House Wrap 9' x 100'
Gable Vents:	None

Date: 3/13/2023 - 11:04 AM
Design ID: 335756851785
Estimate ID: 55733
Estimated Price: $12,998.56
**Today's estimated price. Future pricing may go up or down. Tax, labor, and delivery not included.*

MENARDS®
Design&Buy™
GARAGE

Roof Info

Roof Sheathing:	1/2 x 4 x 8 OSB(Oriented Strand Board)
Roofing Material Type:	Architectural Shingle GRAY
Architectural Roofing:	Owens Corning® TruDefinition® Duration® Limited Lifetime Warranty Architectural Shingles (32.8 sq. ft.), Color: Estate Gray
Roof Underlayment:	Owens Corning® ProArmor® Synthetic Roofing Underlayment 42" x 286' (1,000 sq. ft.)
Ice and Water Barrier:	Owens Corning® WeatherLock® G Granulated Self-Sealing Ice and Water Barrier 3' x 66.7'(200sq.ft)
Fascia Material Type:	Textured Aluminum Fascia
Fascia:	6" x 12' Aluminum Rustic Fascia, Color: White
Soffit Material Type:	Aluminum Soffit
Soffit:	16" x 12' Aluminum Vented Soffit, Color: White
Gutter Material Type:	Vinyl
Gutter:	KP K-Snap® 4-1/2" x 10' Gutter
Ridge Vent:	None
Roof Vents:	None

Openings

Service Door:	Mastercraft® 32W x 80H Primed Steel 6-Panel
Overhead Door:	Ideal Door® 4-Star 8' x 7' White Select Value Insulated
Overhead Door:	Ideal Door® 4-Star 8' x 7' White Select Value Insulated
Overhead Door Trim Type:	Vinyl
Vinyl Trim Color:	White
Windows:	24"W x 36"H JELD-WEN® Vinyl Single Hung
Windows:	24"W x 36"H JELD-WEN® Vinyl Single Hung
Windows:	30"W x 24"H JELD-WEN® Vinyl Slider
Windows:	30"W x 24"H JELD-WEN® Vinyl Slider
Windows:	30"W x 24"H JELD-WEN® Vinyl Slider
Windows:	30"W x 24"H JELD-WEN® Vinyl Slider

Date: 3/13/2023 - 11:04 AM
Design ID: 335756851785
Estimate ID: 55733
Estimated Price: $12,998.56
**Today's estimated price. Future pricing may go up or down. Tax, labor, and delivery not included.*

MENARDS
Design&Buy™
GARAGE

Additional Options

Ceiling Insulation:	None
Wall Insulation:	None
Attic Area Insulation:	None
Ceiling Finish:	None
Wall Finish:	None
Attic Area Interior Finishing:	None
Mounting Blocks:	No
Hydronic Radiant Heat:	None
Anchor bolt:	Grip Fast® 1/2 x 10 HDG Anchor Bolt w/ Nut & Washer
Framing Fasteners:	Grip Fast® 3-1/4 16D Vinyl-Coated Smooth Shank Sinker Nail - 5 lb. Box
Sheathing Fasteners:	Grip Fast® 2-1/2 8D Vinyl-Coated Smooth Shank Sinker Nail - 5 lb. Box
Roofing/Shingle Fasteners:	Grip Fast® 1-1/4 Electro-Galvanized Coil Roofing Nails - 7,200 Count
Truss Fastener:	FastenMaster® TimberLOK® 5/16 x 6 Hex Drive Black Hex Head Timber Screw - 50 Count
Overhead Opening Hardware:	No

Cedar Creek Vinyl Siding Specifications

PART 1 – GENERAL

1.01 Scope of Work

A. Furnish all necessary labor, material and equipment for complete installation of **ABT**CO Vinyl Siding and related work as shown on drawings or specified herein.

1.02 References

A. American Society for Testing and Materials (ASTM)

ASTM D256 - Standard Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics
ASTM D618 - Standard Practices for Conditioning Plastics for Testing
ASTM D635 - Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position
ASTM D638 - Standard Test Method for Tensile Properties of Plastics
ASTM D648 - Standard Test Method for Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position
ASTM D696 - Standard Test Method for Coefficient of Linear Thermal Expansion of Plastics Between -30°C and 30°C with a Vitreous Silica Dilatometer
ASTM D790 - Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
ASTM D1929 - Standard Test Method for Determining Ignition Temperature of Plastics
ASTM D2843 - Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics
ASTM D3679 - Standard Specification for Rigid Poly-Vinyl Chloride (PVC) Siding
ASTM D4216 - Standard Specification for Rigid Poly-Vinyl Chloride (PVC) and Related PVC and Chlorinated Poly-Vinyl Chloride (CPVC) Building Products Compounds
ASTM D4226 - Standard Test Methods for Impact Resistance of Rigid Poly-Vinyl Chloride (PVC) Building Products
ASTM D5206 - Standard Test Method for Wind-load Resistance of Rigid Plastic Siding
ASTM D6864 - Standard Specification for Color and Appearance Retention of Solid Colored Plastic Siding Products
ASTM D7251 - Standard Specification for Color and Appearance Retention of Variegated Color Plastic Siding Products
ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials

1.03 Submittals

A. Submit samples of siding design, size and color for approval.
B. Product data: Manufacturers standard printed product data and installation instruction for specified products.
C. Selection samples: Submit color chips of manufacturer's full range of colors for Architects selection.
D. Verification samples: Submit three samples, each 12 inch in length, of each specified vinyl product in the specified color.
E. Quality assurance submittals: Submit evidence of Code compliance specified in the quality assurance section of this specification.

1.04 Quality Assurance

A. Manufacturer to certify that vinyl siding as supplied meets or exceeds the conditions specified in section 2.02.
B. Regulatory compliance:
1 ICC Evaluation Report ESR-1517
2. HUD-FHA Minimum Property Standards
3. Miami-Dade County Product Control Approved
4. VSI Certified - Conforms to ASTM D3679
5. Florida Building Code 2014 Approved
6. Evaluation Listing CCMC 13185-L

1.05 Delivery, Storage and Handling

A. Siding is packed in cardboard cartons identified with stickers bearing the manufacture's name, product name, product code, number of pieces, size, and date of manufacture.
B. Prior to application, vinyl siding and accessories are to be stored in an area that is clean, dry and out of direct sunlight
C. Handle material in a manner to prevent damage. Do not allow siding material to crease.

1.06 Warranty

A. Upon completion provide a written Lifetime, Transferable, Limited Warranty and for Non-Residential a Fifty Year Warranty

PART 2 – PRODUCTS

2.01 Manufacturer

A. Materials to be supplied by **ABT**CO Building Products., www.kpproducts.com
B. Substitutions not permitted.

2.02 Materials

A. Vinyl siding shall conform to all of the requirements established in ASTM Specification D3679, developed in cooperation with the industry and published by the American Society for Testing and Materials. Manufacturer shall maintain rigorous production quality control standards to assure that **ABT**CO Vinyl Siding will perform as expected for its intended use.

B. Typical Compound Properties: Vinyl siding is produced from **ABT**CO's exclusive Ultra-Vinyl formula: a Poly Vinyl Chloride (PVC) compounds meeting the requirements of ASTM D3679 and ASTM D4216 with the following manufacturing and product specifications.

Test Criteria: Typical Properties
Tensile Strength (ASTM D638): 7000 psi
Modulus of Elasticity ASTM D638): 400,000 psi
Izod Impact @70^0 F (ASTM D 256):
4.20 lb./in. notch
Izod Impact @32^0 F (ASTM D 256):
2.40 lb./in. notch
Deflection Temperature with 264 psi load (ASTM D648):
175^0 F (79.4^0 C)

C. Fire Resistance Properties:

Average Time of Burning (ASTM D635) : <5 sec
Average Extent of Burning (ASTM D635) : <5 mm
Flame Spread (ASTM E84): <23
Smoke Density Development (ASTM E84): 250
Fuel Contribution (ASTM E-84): 0
Smoke Density (ASTM D2843) : <50%
Ignition Properties (ASTM D1929): Self ignition did not occur. At 824^0 F sample began to smolder and continued until
Fire resistance rating (ASTM E-119): 1 hour

D. Typical Physical Properties:

Test Criteria: Typical Properties
Warp (ASTM D3679) : <0.125 in
Heat Shrinkage (ASTM D3679) : <1.9%

Impact Resistance (ASTM D4226):
60in-lbf (Procedure A, H.25)

Weatherability (ASTM D3679): No surface or structural defects such as peeling, cracking, chipping.

Coefficient of Linear Expansion (ASTM D3679):

3.00 x 10^{-5} in/in ^{0}F / 5.10 x 10^{-5} cm/cm ^{0}C

Gloss (ASTM D3679): plus or minus 8 units

Surface Distortion (ASTM D3679): No distortion at 120 ^{0}F

Windload Resistance (ASTM D 5206):
Wind speed up to 161 mph
Design Pressure up to -61 psf

E. Siding Dimensions and Description: (Select Profile)

Cedar Creek Double 4 Dutch Lap: Double 4 Dutch Lap profile with Single Nail Hem horizontal siding panel, 8 in. wide exposure configured as two 4 in. panels, 12ft-6in. length.

Cedar Creek Double 4 Clapboard Lap: Double 4" Lap profile with Single Nail Hem, horizontal siding panel, 8 in. wide exposure configured as two 4 in. panels, 12 ft 6 in length.

Cedar Creek Double 5" Dutch Lap: Double 5" Dutch Lap profile with Single Nail Hem, horizontal siding panel, 10 in. wide exposure configured as two 5 in. panels, 12ft. length.

Cedar Creek Double 5" Clapboard: Double 5" Lap profile with Single Nail Hem, horizontal siding panel, 10 in. wide exposure configured as two 5 in. panels, 12ft. length.

F. Siding Panel Description:

Thickness: (0.040 in. ±0.001 in.) with Single Nail Hem

Embossing/Woodgrain: Siding panel to match the sample provided under section 1.03.

Color: Siding color shall be present throughout the thickness of the panel. Panels shall be produced using **ABT**CO's exclusive Ultra-Vinyl formulation. Siding color shall be as specified by architect.

Interlock: Siding panels are made with post form style lock with positive interlock. Both ends of the panel are factory cut and notched for overlap.

Nail Slots: Elongated nail slots 1" long are spaced approximately 1/2" apart in the nailing hem to allow siding to expand and contract properly.

Weep Holes: Small holes under the bottom butt prevent vapor build up and allow accumulated moisture to escape.

2.01 Accessories:

A. Accessories shall be consistent with the shape, size and properties as shown in the drawing and as required for complete installation. Color shall be matched or color coordinated to the siding according the architect's specifications.

Accessories shall be produced from the same compound materials and with comparable properties as the siding.

2.02 Fasteners:

A. Galvanized nails or other corrosion-resistant fasteners, as recommended by manufacturer for specific application shall be used to install the siding.

PART 3 – EXECUTION

3.01 Examination

A. Confirm that all critical dimensions are as specified in the drawings.

B. Commencement of siding installation implies acceptance of the substrate as suitable to accept siding.

3.02 Preparation

A. Any substrate flaws or defects must be repaired, and free from obstructions before the vinyl siding is applied.

3.03 Installation

A. Solid sheathing and a weather resistive barrier shall be provided behind the siding, as required by the applicable code.

B. Siding is installed with nails driven into furring strips or wall studs spaced not more than 16 in. on center. The siding fasteners are corrosion resistant nails with a minimum 11/32 in. diameter head and a 0.135 diameter shank.

C. Nails shall be long enough to penetrate the nailing base by at least 7/8 in.

D. Install in accordance with the latest edition of the "Vinyl Siding Installation Manual" published by the Vinyl Siding Institute.

E. The vinyl siding and accessories shall be installed in accordance with the best practice. Nails shall be centered in the siding nail slots with a minimum 1/16 in. clearance between the back of the nail head and the face of the siding. Nails shall be driven perpendicular to the substrate.

F. At all openings and stops, a minimum gap 1/4 in., shall be provided for expansion and contraction. Joints between panels shall be overlapped a minimum of 1 in., with all joint members plumb and true.

3.04 Field Quality Control

A. After installation of siding check entire surface for obvious flaws or defects. Replace and repair any problem areas.

3.05 Cleaning

A. After the vinyl siding has been applied, clean as necessary to remove all fingerprints and soiled areas.

B. Clean and remove all scrap, packaging and unused materials resulting from the installation of vinyl products.

All **ABT**CO Vinyl Sidings and accessories are backed by a Lifetime Limited Warranty.



TYPAR® HOUSEWRAP Three Part Specs:

SPECIFICATIONS:

PART 1 – GENERAL

1.1 Summary

A. Includes but not limited to:

1. Furnish and install weather resistive barriers on exterior side of exterior wall sheathing as described in Contract Documents.

1.2 References

A. ASTM E- 1677-95 "Standard Specification for an Air Retarder (AR) Material or System for Low-Rise Framed Building Walls".
B. ASTM E-96-90 "Standard Test Method for Water Transmission of Materials".
C. AATCC-127 "Hydrostatic Head Test".
D. ASTM D-5733-9 Trapezoidal Test.
E. Air-Ins ASTM E-283 Canadian Air Barrier Materials Standard.
F. ASTM D-779 Dry Indicator Method, Water Penetration Resistance.

1.3 Submittals

A. Quality Assurance

1. Submit copies of test results showing performance characteristics equaling or exceeding those specified.

PART 2 – PRODUCTS

2.1 Water-Resistant Barrier

A. Spunbonded Polypropylene Weather Membrane with a microporous coating, Non-woven, Nonperforated.
B. Performance Characteristics
1. Gurley Hill [TAPPI T-460] [sec/100cc] >2500.
2. Water Vapor Transmission 9-15 perms as tested by ASTM E-96-90, Method A.
3. Water penetration resistance of 865 cm on hydrostatic head in accordance with AATCC-127.
4. Trapezoidal Test of 30/33 in accordance with ASTM D-5733-9.
5. Air-Ins < .02L/S-M2 @ 75 PA.
6. Dry Indicator Method ASTM D-779 = to 24 hour rating.
C. Approved Manufacturers:
1. TYPAR® Weather-Protection Membrane by PGI®.
2. Contact Information: www.typar.com
D. Manufacturer's Warranty:
1. Lifetime limited product warranty (for single-family residential applications) plus an incredible 10-year warranty on labor and materials (restrictions apply, see warranty for details).

2.2 Sealing Tape/Fasteners

A. Approved Tape Manufacturers
1. TYPAR Construction Tape, by PGI®.
B. Recommended Sealants against TYPAR logo side coating.
1. Elastomeric polymer based, butyl rubber, rubber based, meeting ASTM C920 evaluation.
C. Recommended Fasteners for Wood, Insulated Sheathing Board, Exterior Gypsum
1. Plastic cap nails.
2. Plastic cap staples.
D. Recommended Fasteners for Steel Frame construction
1. Rust-resistant screws with washers.
E. Recommended Fastening to Masonry
1. Sealant: Polyurethane based, meeting ASTM C920 evaluation.
2. Mechanical: Masonry fastener with washer.

PART 3 – EXECUTION

3.1 Installation

A. Install in accordance with Manufacturer's instruction over exterior sheathing or open studs. Seal joints and penetrations through weather resistive barrier with specified tape and fasteners prior to installation of finish material. Air infiltration barrier shall be air tight and free from holes, tears, and punctures. All window and door penetrations are to be flashed and sealed per ASTM 2112, AMMA guidelines and manufacturer instructions. Cover with exterior cladding within 6 months of installation.

TruDefinition®

DURATION®

Shingles with Patented SureNail® Technology | Tejas con tecnología patentada SureNail



Brownwood



Chateau Green



Colonial Slate



Desert Rose



Driftwood



Estate Gray



Midnight Plum



Onyx Black



Peppercorn



Sand Castle



Sierra Gray



Slatestone Gray



Teak



Terra Cotta



Williamsburg Gray

COLOR DISCLAIMER

As color experts, we know getting the shingle color right is a big part of any roofing purchase. Due to printing color variations, in addition to viewing shingle literature, we suggest you request an actual shingle sample to see how it will appear on your home and with your home's exterior elements in various natural lighting conditions. Lastly, we recommend you verify your color choice by seeing it installed on an actual home; your roofing contractor or supplier can provide a sample and may be able to direct you to a local installation.

DESCARGO DE RESPONSABILIDAD SOBRE LOS COLORES

En tanto que especialistas en color, sabemos que obtener el color de teja perfecto es una parte importante en toda compra de techos. Debido a las variaciones en los colores impresos, además de revisar folletos de tejas, le sugerimos que solicite una muestra de la teja para ver cómo se verán en su hogar y con los elementos exteriores de la vivienda bajo distintas condiciones de luz natural. Finalmente, le recomendamos que para verificar su elección de colores, vea cómo lucen las tejas ya instaladas en una vivienda, su contratista de techos o su proveedor le puede dar una muestra e incluso indicarle dónde ver un techo ya instalado.

THERE'S A LINE BETWEEN A GOOD SHINGLE AND A GREAT SHINGLE.®

It's the nailing line on your shingles. The difference between a good shingle and a great shingle is having Patented SureNail® Technology, only from Owens Corning.

HAY UNA GRAN DIFERENCIA ENTRE UNA BUENA TEJA Y UNA TEJA EXCELENTE™

Es la línea de clavado en sus tejas. La diferencia entre una buena teja y una teja excelente es la tecnología patentada SureNail® única en el mundo de Owens Corning.

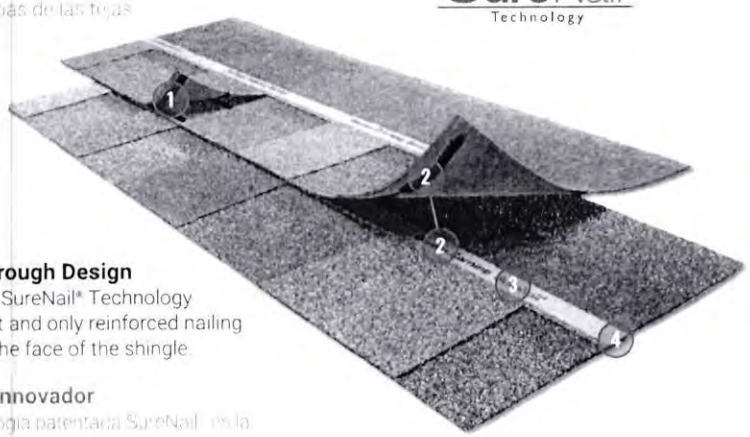


(1)

Excellent Adhesive Power
Helps keep the shingle layers laminated

Excelente poder adhesivo
Ayuda a conservar el laminado de las capas de las tejas

SureNail Technology



(2)

Breakthrough Design
Patented SureNail® Technology is the first and only reinforced nailing zone on the face of the shingle.

Diseño innovador
La tecnología patentada SureNail® es la primera y la única que proveen un área de clavado reforzada en la cara de la teja.

"No Guess" Wide Nailing Zone
This tough, engineered woven-fabric strip is embedded in the shingle to create an easy-to-see, strong, durable fastener zone.

Área de clavado ancha, sin cálculos "a ojo"
Esta banda resistente de tela tejida especialmente está incrustada en la teja para proveer un área de sujeción fuerte, duradera y fácil de detectar.

(3)

Outstanding Grip
The SureNail® strip enhances the already amazing grip of our proprietary Tru-Bond®** sealant for exceptional wind resistance of a 130-MPH wind warranty.

Agarre excepcional
La banda SureNail® mejora el ya increíble agarre de nuestro sellador patentado Tru-Bond®** para ofrecer garantía de resistencia excepcional al viento de 130 mph.

(4)

Triple Layer Protection®*
A unique "triple layer" of reinforcement occurs when the fabric overlays the two shingle layers, providing increased protection against "nail pull" from the wind.

Triple Layer Protection®*
Cuando la tela cubre las dos capas de la teja se forma una "triple capa" de refuerzo excepcional que ofrece una mayor protección ante el "arranque de clavos" debido al viento.

Double the Common Bond
SureNail® features up to a 200% wider bond between the shingle layers in the nailing zone over standard shingles.

Duplica la adherencia común
En comparación con las tejas comunes, SureNail® ofrece un área de unión hasta un 200% más ancha entre las capas de la teja en el área de clavado.

THE PROOF IS IN THE PERFORMANCE

LA PRUEBA ESTÁ EN EL DESEMPEÑO



Up to **2.5X BETTER** NAIL PULL-THROUGH RESISTANCE

Hasta **2.5 VECES MEJOR** RESISTENCIA A LA TRACCIÓN DE LOS CLAVOS



Up to **9X BETTER** NAIL BLOW-THROUGH RESISTANCE

Hasta **9 VECES MEJOR** RESISTENCIA AL DESPRENDIMIENTO DE LOS CLAVOS



Up to **2X BETTER** DELAMINATION RESISTANCE

Hasta **2 VECES MEJOR** RESISTENCIA A LA DELAMINACIÓN

Product Attributes

Warranty Length*

Limited Lifetime‡
(for as long as you own your home)

Wind Resistance Limited Warranty*

130-MPH

Algae Resistance Limited Warranty*‡§

25 Years

TRU PROtection® Non-Prorated Limited Warranty* Period

10 Years

TruDefinition® Duration® Shingles Product Specifications

Size	13¼" x 39⅜"
Application Exposure	5⅝"
Shingles per Bundle	Not less than 20
Average Shingle Count per 3 Bundles	64
Average Coverage per 3 Bundles	98.4 sq. ft.

Applicable Standards and Codes

- ASTM D3462
- ASTM D228
- ASTM D3018 (Type 1)
- ICC-ES AC438#
- ASTM D3161 (Class F Wind Resistance)
- ASTM D7158 (Class H Wind Resistance)
- ASTM E108/UL 790 (Class A Fire Resistance)
- PRI ER 1378E01
- Florida Product Approval
- Miami-Dade County Product Approval◊

Características del producto

Período de garantía*

Garantía limitada de por vida
(mientras sea propietario de la vivienda)

Garantía limitada de resistencia al viento*

210 km/h (130 mph)

Garantía limitada de resistencia a las algas*‡§

25 años

Período no prorrateado de garantía limitada TRU PROtection®

10 años

Especificaciones de las tejas Duration® TruDefinition™

Tamaño	33.65 × 100 cm (13¼ × 39⅜ pulg)
Exposición de aplicación	14.3 cm (5⅝ pulg)
Tejas por paquete	20 como mínimo
Cantidad promedio de tejas por 3 paquetes	64
Cobertura promedio por 3 paquetes	9.14 m² (98.4 pies²)

Normas y códigos pertinentes

- ASTM D3462
- ASTM D228
- ASTM D3018 (Tipo 1)
- ICC-ES AC438#
- ASTM D3161 (Resistencia al viento, Clase F)
- ASTM D7158 (Resistencia al viento Clase H)
- ASTM E108/UL 790 (Resistencia al fuego Clase A)
- PRI ER 1378E01
- Aprobación del producto en el estado de Florida
- Producto aprobado por el condado de Miami-Dade◊

* See actual warranty for complete details, limitations and requirements.

‡ 40-Year Limited Warranty on commercial projects.

† Owens Corning testing against competing products with wide, single-layer nailing; varies when following manufacturers' installation instructions and nailing in the middle of the allowable nailing zone.

** Tru-Bond® is a proprietary, premium, weathering-grade asphalt sealant that is blended by Owens Corning Roofing and Asphalt, LLC.

+ The amount of Triple Layer Protection® may vary on shingle-to-shingle basis.

International Code Council Evaluation Services Acceptance Criteria for Alternative Asphalt Shingles.

* Excludes non-Owens Corning® roofing products such as flashing, fasteners, pipe boots and wood decking.

See Color Disclaimer information on page 2 for additional details.

◊ Applies to all areas that recognize Miami-Dade Notice of Acceptance (NOA).

§ Shingles are algae resistant to control the growth of algae and discoloration.

¶ This coverage is effective 1/1/2023. Installation must include use of an Owens Corning® Hip & Ridge product. See actual warranty for details.

For Patent information, please visit owenscorning.com/patents.

SureNail® Technology is not a guarantee of performance in all weather conditions.

◊ Owens Corning® Black Sable shingle includes a patented design.

OWENS CORNING ROOFING AND ASPHALT, LLC
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO, USA 43659

1-800-GET-PINK® | 1-800-438-7465
www.owenscorning.com

Pub. No. 10024200. Printed in U.S.A. September 2022.
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(Brookville, Medina, Minneapolis, Summit)

Store: 3357
Date: 03/13/2023 - 10:13 AM
Design Name: Truss Designer
Design ID: 335756851921
Estimated Price: $2,930.02

MENARDS
Design & Buy™
TRUSS

*Today's Estimated Price. Future pricing may go up or down. Tax, labor, and delivery not included

How to recall and purchase your design at home:

OR

1. On Menards.com, enter "Design & Buy" in the search bar
2. Select the Truss Designer
3. Recall your design by entering Design ID: 335756851921
4. Follow the on-screen purchasing instructions

How to purchase your design at the store:

1. Enter Design ID: 335756851921 at the Design-It Center Kiosk in the Building Materials Department
2. Follow the on-screen purchasing instructions

Truss Type:	**Gambrel RIA**
Sku:	1004547
Span:	22'
Room Size:	12' W x 8' 1" H
O.C. Spacing:	2'
Pitch:	3/12
Heel Height:	1'
Left Overhang:	0
Right Overhang:	0
Loading:	20-7-0-10
Shipping Length:	22'
Shipping Height:	10' 10-9/16"



Price Each:	$237.25
Quantity:	x 10
Total Price:	**$2,372.50**

Truss Type:	**End Gambrel RIA**
Sku:	1004547
Span:	22'
Pitch:	4/12
Heel Height:	1'
Left Overhang:	0
Right Overhang:	0
Shipping Length:	22'
Shipping Height:	10' 10-9/16"



Price Each:	$278.76
Quantity:	x 2
Total Price:	**$557.52**

Delivery Information:

Total Price: $2,930.02
Delivery Fee: Not Calculated

Comments:

- Today's price, future pricing may go up or down. Tax, labor and delivery are not included. Truss picture(s) are for representation only.
- Price shown is without the jobsite delivery charges. Delivery to your jobsite must be arranged with an additional fee at the delivery desk.
- Take this quote to the Building Materials desk to order.
- Loading values are just an estimate. Please contact your local building inspector to verify your code requirements.

This is an estimate. It is given only for general price information. This is not an offer and there can be no legally binding contract between the parties based upon this estimate. The prices stated herein are subject to change depending upon the market conditions. The prices stated on this estimate are not firm for any time period unless specifically written otherwise on this form. The availability of materials is subject to inventory conditions. MENARDS IS NOT RESPONSIBLE FOR ANY LOSS INCURRED BY THE GUEST WHO RELIES ON PRICES SET FORTH HEREIN OR ON THE AVAILABILITY OF ANY OF THE MATERIALS STATED HEREIN. All information on this form, other than price, has been provided by guest and Menards is not responsible for any errors in the information on this estimate, including but not limited to quantity, dimension and quality. Please examine this estimate carefully. MENARDS MAKES NO REPRESENTATIONS, ORAL, WRITTEN OR OTHERWISE THAT THE MATERIALS LISTED ARE SUITABLE FOR ANY PURPOSE BEING CONSIDERED BY THE GUEST, BECAUSE OF WIDE VARIATIONS IN CODES, THERE ARE NO REPRESENTATIONS THAT THE MATERIALS LISTED HEREIN MEET YOUR CODE REQUIREMENTS.

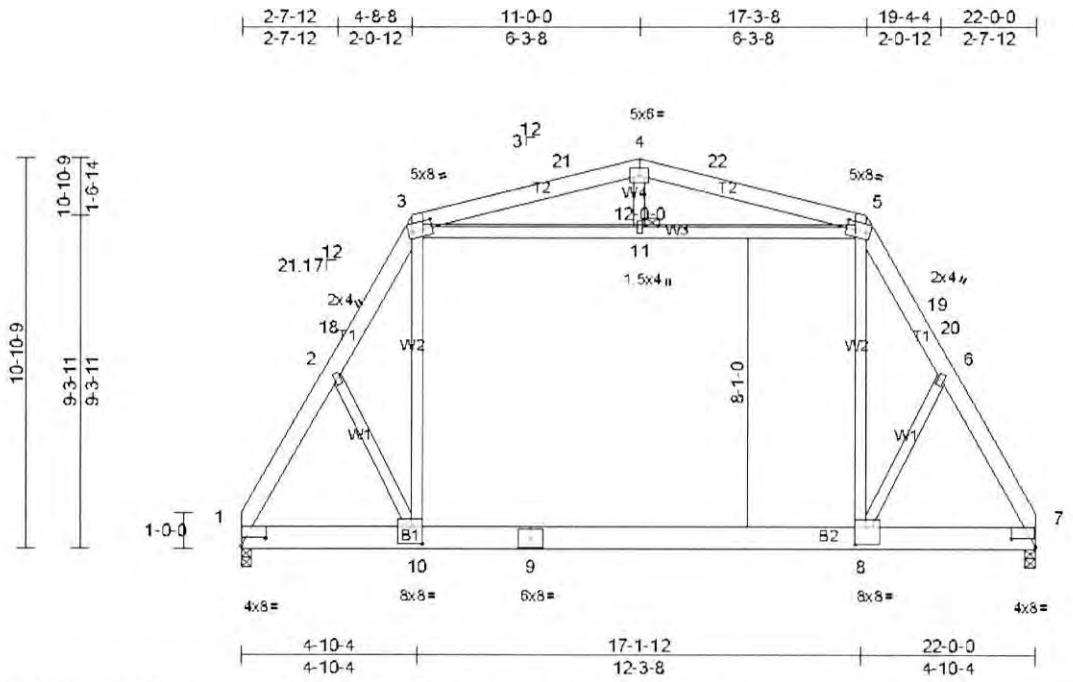
For other design systems Search "Design & Buy" on Menards.com

RICHARD MARTIN
1324 GLEANE
216·849·6706

Job	Truss	Truss Type	Qty	Ply	
QTREC0771383	GM1	GAMBREL ATTIC	9	1	Job Reference (optional)

Midwest Manufacturing, Eau Claire, WI — Run: 8.61 S Aug 11 2022 Print: 8.610 S Aug 11 2022 MiTek Industries, Inc. Tue Feb 14 16:41:38 — Page: 1

ID:SC6?sndQ8nLdXOolP?zUePzI9yk-E_w8LGBODv3Yzz?VqWmCE6iN16xGsYuFxJryy2zI9vQ



Scale = 1:61.7

Plate Offsets (X, Y): [1:0-8-4,0-2-11], [3:0-6-12,0-2-12], [5:0-6-12,0-2-12], [7:0-8-4,0-2-11], [8:0-3-8,0-5-8], [10:0-3-8,0-5-8]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.34	Vert(LL)	-0.25	8-10	>999	240	MT20	197/144
Snow (Ps/Pg)	6.1/30.0	Lumber DOL	1.15	BC	0.80	Vert(CT)	-0.32	8-10	>825	180		
TCDL	7.0	Rep Stress Incr	YES	WB	0.26	Horz(CT)	0.01	7	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MS		Attic	-0.23	8-10	>639	360		
BCDL	10.0										Weight: 158 lb	FT = 15%

LUMBER
TOP CHORD 2x6 SPF No.2
BOT CHORD 2x8 SPF No.2
WEBS 2x4 SPF No.2 *Except* W4,W1:2x4 SPF Stud

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-9-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 11

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 1=844/0-3-8, (min. 0-1-15), 7=844/0-3-8, (min. 0-1-15)
Max Horiz 1=166 (LC 13)
Max Grav 1=1223 (LC 3), 7=1223 (LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1514/32, 2-18=-1399/145, 3-18=-1375/159, 5-19=-1358/159, 19-20=-1375/149, 6-20=-1399/145, 6-7=-1514/32, 3-21=-865/248, 4-21=-807/254, 4-22=-807/254, 5-22=-865/248
BOT CHORD 1-10=-99/719, 9-10=0/724, 8-9=0/724, 7-8=0/663
WEBS 3-11=-267/368, 5-11=-267/368, 3-10=-48/907, 5-8=-48/907

JOINT STRESS INDEX
1 = 0.91, 2 = 0.38, 3 = 0.58, 4 = 0.53, 5 = 0.57, 6 = 0.38, 7 = 0.91, 8 = 0.33, 9 = 0.55, 10 = 0.33 and 11 = 0.51

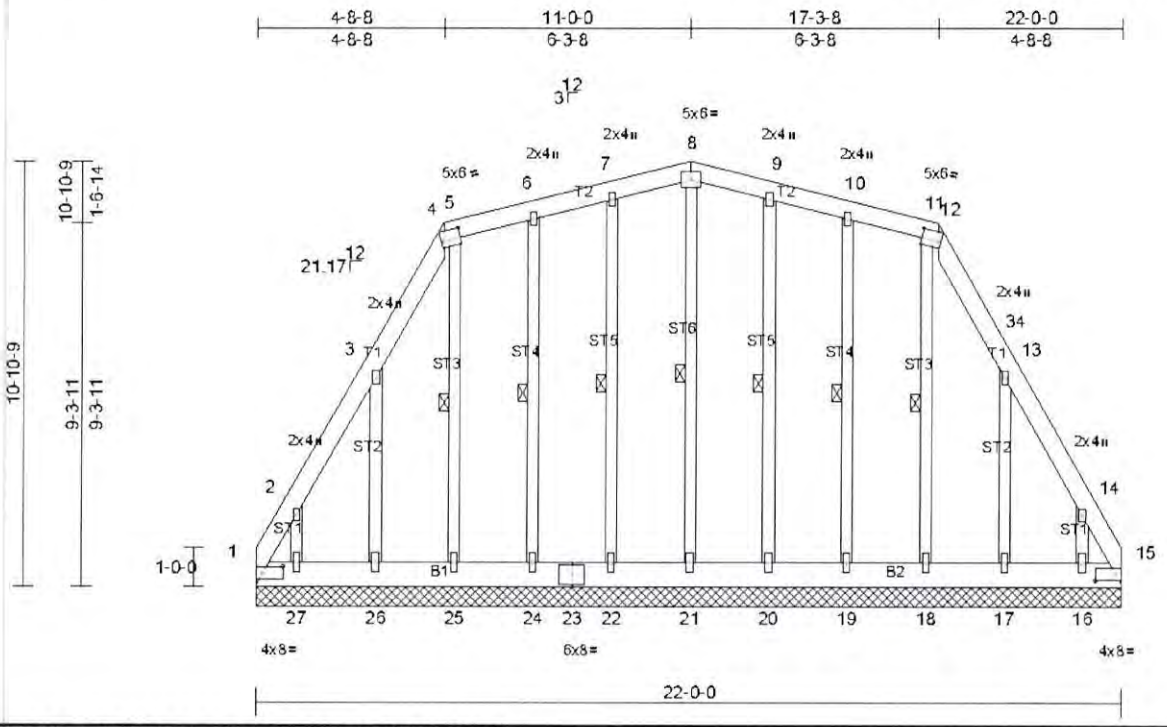
NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-0 to 3-0-0, Exterior(2R) 3-0-0 to 19-0-0, Exterior(2E) 19-0-0 to 22-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=30.0 psf; Ps= varies (6.1 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=0.29,1.00,1.00,0.29; Ct=1.10
4) Roof design snow load has been reduced to account for slope.
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Ceiling dead load (5.0 psf) on member(s). 3-11, 5-11; Wall dead load (5.0psf) on member(s).3-10, 5-8
9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 8-10
10) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
11) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 12-15=-20, 1-3=-26, 5-7=-26, 3-11=-10, 5-11=-10, 3-4=-56, 4-5=-56
Drag: 3-10=-10, 5-8=-10

Job	Truss	Truss Type	Qty	Ply	
QTREC0771317	GM1E	GAMBREL ATTIC	2	1	Job Reference (optional)

Midwest Manufacturing, Eau Claire, WI — Run: 8.61 S Aug 11 2022 Print: 8.610 S Aug 11 2022 MiTek Industries, Inc. Tue Feb 14 12:06:57 — Page: 1

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Scale = 1:56.7

Plate Offsets (X, Y): [1:0-6-3,0-2-0], [4:0-5-3,0-3-0], [12:0-5-3,0-3-0], [15:0-6-3,0-2-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.05	Vert(LL)	n/a	-	n/a	999	MT20	197/144
Snow (Ps/Pg)	6.1/30.0	Lumber DOL	1.15	BC	0.03	Vert(TL)	n/a	-	n/a	999		
TCDL	7.0	Rep Stress Incr	YES	WB	0.09	Horiz(TL)	0.00	15	n/a	n/a		
BCLL	0.0 *	Code	IRC2018/TPI2014	Matrix-MS								
BCDL	10.0										Weight: 199 lb	FT = 15%

LUMBER

TOP CHORD	2x6 SPF No.2
BOT CHORD	2x8 SPF No.2
OTHERS	2x4 SPF No.2 *Except* ST2,ST1:2x4 SPF Stud

REACTIONS All bearings 22-0-0.

(lb) - Max Horiz 1=-166 (LC 10)

Max Uplift All uplift 100 (lb) or less at joint(s) 19, 20, 22, 24, 25 except 1=-178 (LC 12), 15=-150 (LC 13), 16=-215 (LC 15), 17=-180 (LC 15), 26=-182 (LC 14), 27=-217 (LC 14)

Max Grav All reactions 250 (lb) or less at joint(s) 16, 17, 18, 19, 20, 21, 22, 24, 25, 26, 27 except 1=330 (LC 14), 15=309 (LC 15)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-2=-318/189, 14-15=-296/161
WEBS	3-26=-170/286, 13-17=-158/285

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 8-21, 7-22, 6-24, 5-25, 9-20, 10-19, 11-18

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

JOINT STRESS INDEX

1 = 0.21, 2 = 0.38, 3 = 0.38, 4 = 0.41, 4 = 0.41, 5 = 0.23, 6 = 0.38, 7 = 0.38, 8 = 0.19, 9 = 0.38, 10 = 0.38, 11 = 0.23, 12 = 0.41, 12 = 0.41, 13 = 0.38, 14 = 0.38, 15 = 0.21, 16 = 0.26, 17 = 0.26, 18 = 0.26, 19 = 0.26, 20 = 0.26, 21 = 0.26, 22 = 0.26, 23 = 0.06, 24 = 0.26, 25 = 0.26, 26 = 0.26 and 27 = 0.26

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Corner(3E) 0-0-0 to 2-11-6, Corner(3R) 2-11-6 to 19-0-10, Corner(3E) 19-0-10 to 22-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) ** TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=30.0 psf; Ps= varies (6.1 psf Lum DOL=1.15 Plate DOL=1.15) see load cases; Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=0.29,1.00,1.00,0.29; Ct=1.10
5) Roof design snow load has been reduced to account for slope.
6) Unbalanced snow loads have been considered for this design.
7) All plates are 2x6 MT20 unless otherwise indicated.
8) Gable requires continuous bottom chord bearing.
9) Gable studs spaced at 2-0-0 oc.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 22, 24, 25, 20, 19 except (jt=lb) 1=177, 15=150, 26=181, 27=217, 17=180, 16=215.
13) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Continued on page 2

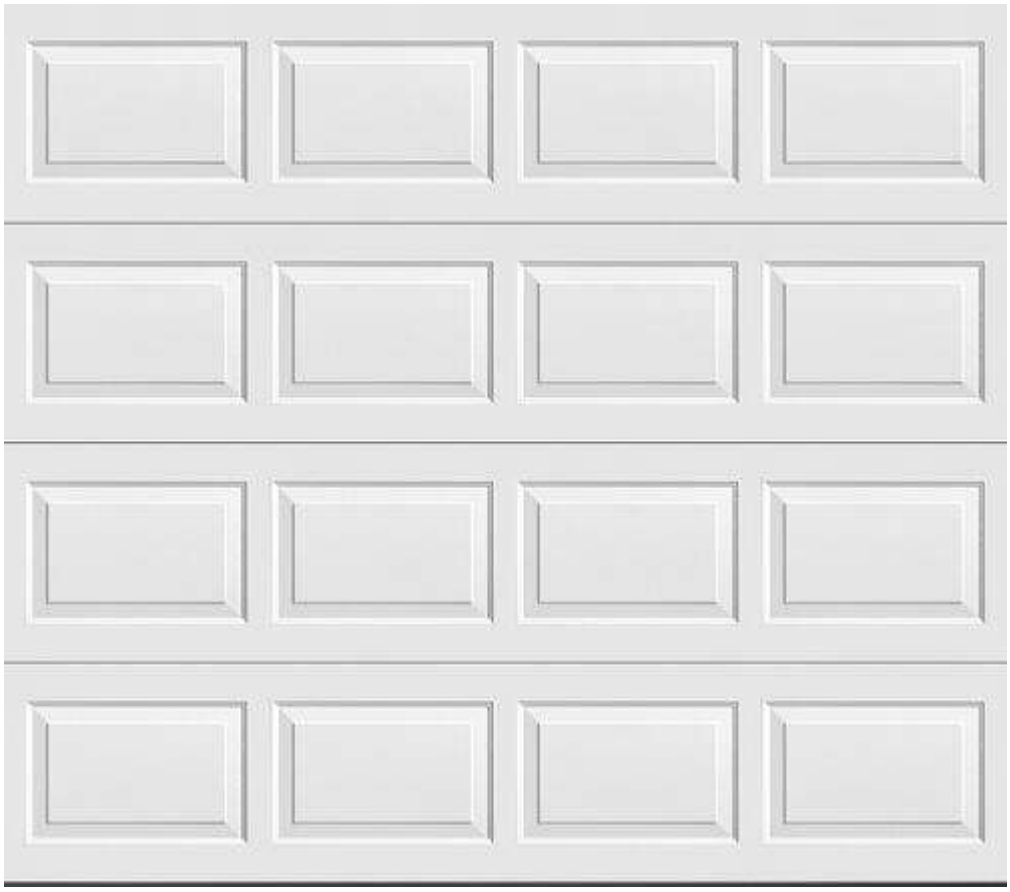
14) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 28-31=-20, 1-4=-26, 12-15=-26, 4-8=-56, 8-12=-56

Ideal Door® Traditional 8' x 7' White Insulated Garage Do

Model Number: Ezsettorsn_M4Sv_8X7 | Menards ® SKU: 4251615



EVERYDAY LOW PRICE

11% MAIL-IN REBATE Good Through 4/2/23

FINAL PRICE

You Save $52.69 with Mail-In Rebate

- Traditional Door with short panel design
- Window options are available
- Good construction with 1-5/16" insulation, R-Value 6.3
- 2-layer construction (steel and insulation) with vinyl-backed insulation
- EZ-SET® torsion spring system provides easier, faster, and safer do-it-yourself installation

View More Information

Size: 8 ft. wide x 7 ft. high

Traditional Steel Panel garage doors feature a design that works with every home without sacrificing style for strength, durab construction garage door has vinyl backed insulation. It offers dependable construction with long-lasting operation providing home and lifestyle.



Brand Name: **Ideal Door**



Features

- Traditional Door with short panel design
- Window options are available
- Good construction with 1-5/16" insulation, R-Value 6.3
- 2-layer construction (steel and insulation) with vinyl-backed insulation
- EZ-SET® torsion spring system provides easier, faster, and safer do-it-yourself installation
- Opener reinforcement bracket and at least one (1) strut required for use with an opener (purchased separately)
- Nylon rollers provide quiet, smooth, and long-lasting performance
- Features a 2" bracket mount track with a standard 12" radius requiring 12" of headroom
- Bottom weatherseal included
- Rear track hanger kit, lock, and opener purchased separately

Style	Traditional	Grade	Good	Headroom	12 inch
Includes	All track and installation hardware, Installation Instructions	Window Style	Solid - No Windows	Door Thickness	2 inch
Product Type	Insulated Garage Door	Material	1 sheet steel (24 gauge)	Manufacturer Warranty	Paint System - Limited Lifetime, Hardware - 3 year
Color/Finish	White	Overall Width	8 foot	Overall Height	7 foot
Spring Type	EZ Set Torsion	R-Value	6.3	Shipping Dimensions	96.00 H x 24.00 W x 12.00 D
Shipping Weight	155.0 lbs	Return Policy	Regular Return (view Return Policy)		

JELD-WEN® vinyl windows are made to be durable, energy efficient, and low-maintenance. With features like a steel-reinforced
WEN® vinyl windows are suitable for any architectural style or design. Backed by a Lifetime Limited Warranty, they're just as reli



Click here to see more products from **JELD-WEN**

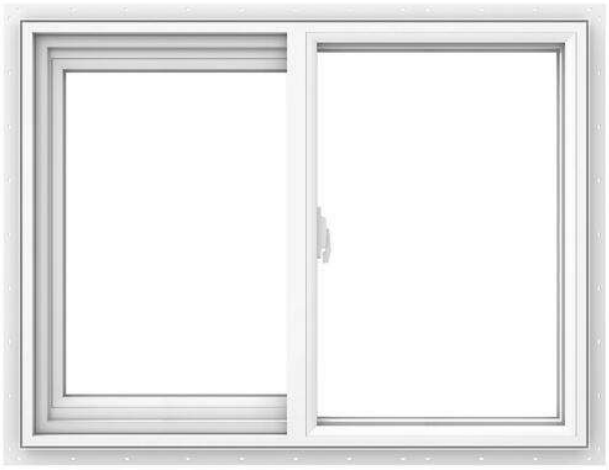
JELD-WEN

Features

- Vinyl construction allows for low maintenance
- Steel-reinforced sash for long-lasting strength
- Low-E glass with Argon reduces energy costs, interior condensation, and protects against harmful UV rays
- Built-in nailing flange for complete installation and a tight seal
- Left side sliding viewed from the outside of the house
- Half Screen Included
- Vinyl white interior and exterior

White/White

Model Number: JW1385-00826 | Menards ® SKU: 4040452



EVERYDAY LOW PRICE	$118.00
11% MAIL-IN REBATE Good Through 4/2/23	$12.98
FINAL PRICE	**$105.02 each**

You Save $12.98 with Mail-In Rebate

- Vinyl construction allows for low maintenance
- Steel-reinforced sash for long-lasting strength
- Low-E glass with Argon reduces energy costs, interior condensation, and protects against harmful UV rays
- Built-in nailing flange for complete installation and a tight seal
- Left side sliding viewed from the outside of the house

View More Information >

Rough Opening Size: 30"W X 24"H

Pick Up At Store

9 In-Stock at **AVON**

Check Another Store for Availability

Delivery

Available

Email Address ZIP Code

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Privacy - Terms

Description & Documents

JELD-WEN® vinyl windows are made to be durable, energy efficient, and low-maintenance. With features like a steel-reinforced frame and insulated glass, JELD-WEN® vinyl windows are suitable for any architectural style or design. Backed by a Lifetime Limited Warranty, they're just as reliable as they are attractive!



Click here to see more products from **JELD-WEN**

Features

- Vinyl construction allows for low maintenance
- Steel-reinforced sash for long-lasting strength
- Low-E glass with Argon reduces energy costs, interior condensation, and protects against harmful UV rays
- Built-in nailing flange for complete installation and a tight seal
- Left side sliding viewed from the outside of the house
- Half Screen Included
- Vinyl white interior and exterior

Specifications

Product Type	Sliding Windows	Material	Vinyl
Collection	Good Series	Rough Opening Dimensions	30" W x 24" H
Frame Width	29-1/2 inches	Mounting Method	With Nailing Flange (New Construction)
Frame Height	23-1/2 inches	Hardware Type	Nylon Rollers and Cam-Lock
Frame Depth	2-29/32 inches	Hardware Finish	White
Glazing Type	Double Pane	Grid Pattern	No Grid Pattern
Interior Color	White	U-Value	0.31
Exterior Color	White	Air Leakage (AL) Rating	0.3 CFM
Visible Light VT Rating	0.67	Energy Star Zones	Not Energy Star Certified
Solar Heat Gain Coefficient	0.55	Special Features	Screen, Low-E
Meets IRC for Egress	No	Manufacturer Warranty	Lifetime Limited, Skilled Labor Coverage - 2 years year
Shipping Dimensions	32.00 H x 26.00 W x 3.25 D	Shipping Weight	17.125 lbs
Return Policy	Regular Return (view Return Policy)		

Please Note: Prices, promotions, styles and availability may vary by store and online. Inventory is sold and received continuously throughout the day; therefore, the quantity shown may not be available when you get to the store. This inventory may include a store display unit. Online orders and products purchased in-store qualify for rebate redemption. Mail-in Rebate is in the form of merchandise credit check, valid in-store only. Merchandise credit check is not valid towards purchases made on MENARDS.COM®. By submitting this rebate form, you agree to resolve any disputes related to rebate redemption by binding arbitration and you waive any right to file or participate in a class action. Terms and conditions available at www.rebateinternational.com®

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Model Number: JW1792-00212 | Menards ® SKU: 4040400



EVERYDAY LOW PRICE	**$217.99**
SALE PRICE Good Through 4/2/23	**$168.53**
11% MAIL-IN REBATE Good Through 4/2/23	**$18.54**
FINAL PRICE	**$149.99 each**

You Save $68.00 with Sale Price & Mail-In Rebate

- Vinyl construction allows for low maintenance
- Steel-reinforced sash for long-lasting strength
- Top and bottom sash tilt for easy cleaning - no need for a ladder to clean the window
- Built-in nailing flange for complete installation and a tight seal
- Low-E glass with Argon reduces energy costs, interior condensation, and protects against harmful UV rays

View More Information >

Rough Opening: 26"W X 36-1/2"H

Pick Up At Store

3 In-Stock at **AVON**

Check Another Store for Availability

Delivery

Available

Email Address ZIP Code

Sign Up

To see our special offers and sales, please enter your email address today to get immediate access!

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Privacy - Terms

Description & Documents

JELD-WEN® vinyl windows are made to be durable, energy efficient, and low-maintenance. With features like a steel-reinforced frame and insulated glass, JELD-WEN® vinyl windows are suitable for any architectural style or design. Backed by a Lifetime Limited Warranty, they're just as reliable as they are attractive!

MADE IN U.S.A with US & Global Parts

Click here to see more products from **JELD-WEN**

JELD-WEN

Features

- Vinyl construction allows for low maintenance
- Steel-reinforced sash for long-lasting strength
- Top and bottom sash tilt for easy cleaning - no need for a ladder to clean the window
- Built-in nailing flange for complete installation and a tight seal
- Low-E glass with Argon reduces energy costs, interior condensation, and protects against harmful UV rays
- Full Screen Included

Specifications

Product Type	Double Hung Windows	Rough Opening Dimensions	26" W x 36-1/2" H
Collection	Good Series	Frame Width	25-1/2 inches
Lock Type	Cam-Lock and Self-Adjusting Balance	Frame Height	36 inches
Hardware Finish	White	Frame Depth	3-1/4 inches
Hardware Type	Cam-Lock and Self-Adjusting Balance	Interior Color	White
Frame Material	Vinyl	Exterior Color	White
Screen Color	White	Mounting Method	With Nailing Flange (New Construction)
Screen Material	Charcoal Fiberglass	Glazing Type	Double Pane
U-Value	0.31	Grid Pattern	No Grid
Special Features	Tilt Latch, Screen, Low-E	Energy Star Zones	Not Energy Star Certified
Visible Light VT Rating	0.6	Solar Heat Gain Coefficient	0.5
Air Leakage (AL) Rating	0.3 CFM	Manufacturer Warranty	Lifetime Limited, Skilled Labor Coverage - 2 years year
Meets IRC for Egress	No	Shipping Dimensions	38.50 H x 28.00 W x 3.75 D
Shipping Weight	22.5625 lbs	Return Policy	Regular Return (view Return Policy)

Please Note: Prices, promotions, styles and availability may vary by store and online. Inventory is sold and received continuously throughout the day; therefore, the quantity shown may not be available when you get to the store. This inventory may include a store display unit. Online orders and products purchased in-store qualify for rebate redemption. Mail-in Rebate is in the form of merchandise credit check, valid in-store only. Merchandise credit check is not valid towards purchases made on MENARDS.COM®. By submitting this rebate form, you agree to resolve any disputes related to rebate redemption by binding arbitration and you waive any right to file or participate in a class action. Terms and conditions available at www.rebateinternational.com®

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Mastercraft® 32"W x 80"H Primed Steel 6 Panel Exterior D Inswing

Model Number: 4140343 | Menards ® SKU: 4140343



EVERYDAY LOW PRICE

11% MAIL-IN REBATE Good Through 4/2/23

FINAL PRICE

You Save $30.25 with Mail-In Rebate

- Left inswing
- Constructed from 24-gauge primed steel and ready to be finished with a 1-3/4" thick, energy-saving, insulating foam core
- Prehung with a 4-9/16", primed, wood frame and high-performance weather stripping
- Aluminum, no-rot sill with adjustable inswing and 3 satin nickel hinges
- Prebored with a 2-3/8" backset for easy handle installation and double bored and prepped for deadbolt (handleset and dead

View More Information

Nominal Size: 30" W x 80" H

Add beauty and quality to your home's entryway with this six-panel door from Mastercraft® brand's Embossed Collection. The E wide variety of door styles, and this model's energy-saving core stands up to the most extreme temperatures. This door has a lef on the left side when you pull the door toward you.

Brand Name: **Mastercraft**

Find more information about this product on the Manufacturer's website

Features

- Left inswing
- Constructed from 24-gauge primed steel and ready to be finished with a 1-3/4" thick, energy-saving, insulating foam core
- Prehung with a 4-9/16", primed, wood frame and high-performance weather stripping
- Aluminum, no-rot sill with adjustable inswing and 3 satin nickel hinges
- Prebored with a 2-3/8" backset for easy handle installation and double bored and prepped for deadbolt (handleset and d
- 6-9/16" frames are typically used for 2 x 6 wall constructions with 1/2" drywall and 1/2" exterior sheathing
- Nominal size of 32" W x 80" H with left inswing
- ENERGY STAR® qualified

Color/Finish	Primed	Deadbolt Bore	Yes	Door Construction	Primed Steel
Door Style	6 Panel	Door Swing	Left	Door Thickness	1-3/4 inch
Frame Material	Primed Wood	Frame Width	6-9/16 inch	Glass Caming Finish	None
Hinge Finish	Satin Nickel	Includes	Hinges, Sill, Frame, Preassembled Door Slab, Brickmould	Lockset Bore	Yes
Lockset/Deadbolt Backset Dimension	2-3/8 inch	Manufacturer Warranty	Limited Lifetime	Nominal Door Height	80 inch
Nominal Door Width	32 inch	Obscurity Rating	10	Rough Opening Height	82 inch
Rough Opening Width	34-1/4 inch	Sill Finish	Aluminum	Sill Type	Adjusting
Solar Heat Gain Coefficient	0.01	U-Value	0.12	Air Leakage (AL) Rating	0.3
Energy Star Certified	Yes	Shipping Dimensions	84.88 H x 37.88 W x 7.94 D	Shipping Weight	90.0 lbs
Return Policy	Special Order Merchandise (view Return Policy)				





BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD

12650 Detroit Avenue ● (216) 529-6630 ● FAX (216) 529-5907 ● www.lakewoodoh.gov

Application Cover Page

Docket No.: 04-30-23

Permit No.: BBS23-000021

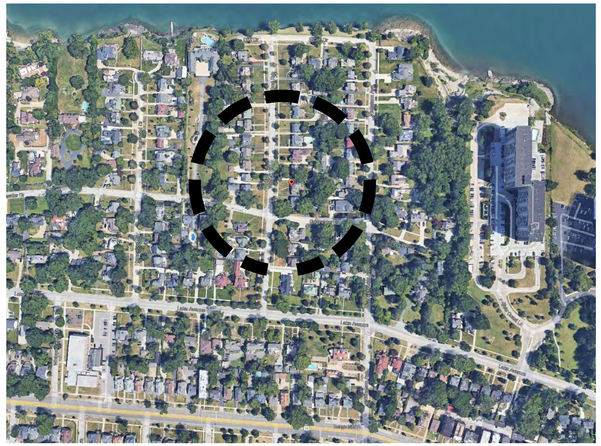
Applicant Name: Susan Broadwater, Beegan Architectural Design

Project Address: 1077 Wilbert Rd.

Project Name: n/a

Project: Applicant proposes the addition of a new porch on an existing home.

1077 Wilbert Road



SITE LOCATION MAP
N.T.S.

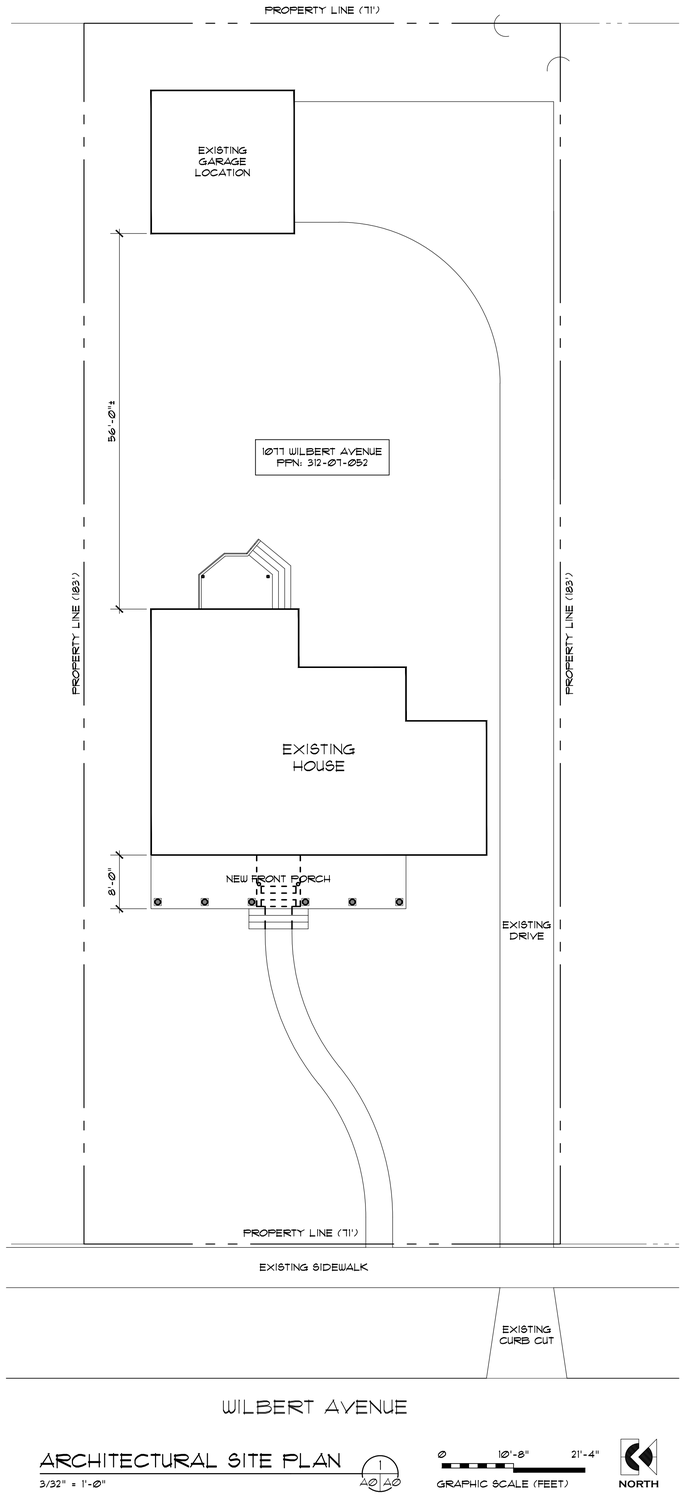
NORTH



EXISTING FRONT PORCH
N.T.S.



PROPOSED FRONT PORCH
N.T.S.



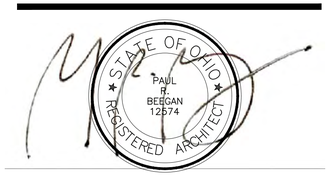
ARCHITECTURAL SITE PLAN
3/32" = 1'-0"

1
A0
A0

0 10'-8" 21'-4"
GRAPHIC SCALE (FEET)

NORTH

ISSUE	DATE	DESCRIPTION
1	03.21.23	ABR



PAUL R. BEEGAN, LICENSE #12574
EXPIRATION DATE: 12.31.2023

BEEGAN
ARCHITECTURAL DESIGN

15703 MADISON AVENUE
LAKEWOOD, OHIO 44107
WWW.BEEGAN-AD.COM

216.521.9000 PHONE
216.916.4591 FAX
PAUL@BEEGAN-AD.COM

project no. 22-068

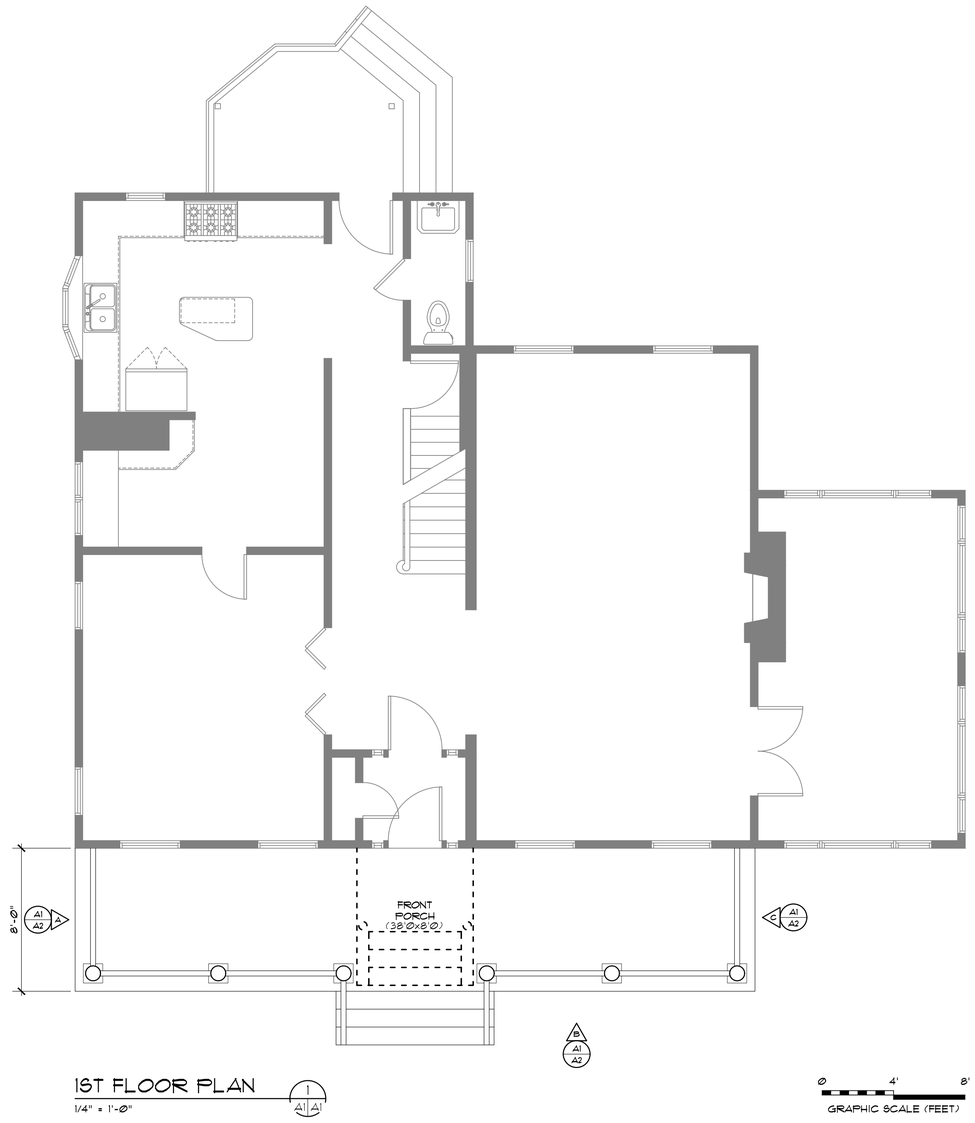
Manti Residence
Residential Renovations

1077 wilbert road
lakewood, ohio 44107

Architectural Site Plan

A0

© BEEGAN ARCHITECTURAL DESIGN LLC



IST FLOOR PLAN

1/4" = 1'-0"

ISSUE	DATE	DESCRIPTION
1	03.21.23	ABR

STATE OF OHIO
PAUL R. BEEGAN 12574
REGISTERED ARCHITECT

PAUL R. BEEGAN, LICENSE #12574
EXPIRATION DATE: 12.31.2023

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PAUL@BEEGAN-AD.COM

project no. 22-068

Manti Residence

Residential Renovations

1077 wilbert road
lakewood, ohio 44107

Floor Plans

A1

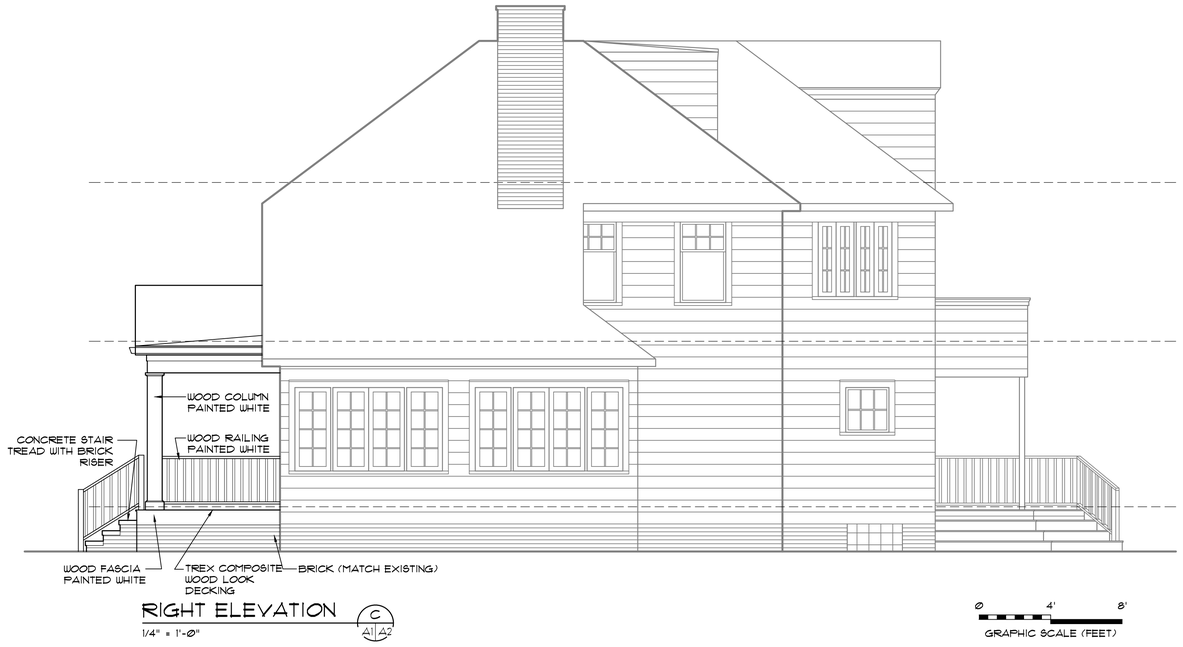
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LEFT ELEVATION
1/4" = 1'-0"
A
A1|A2



FRONT ELEVATION
1/4" = 1'-0"
B
A1|A2



RIGHT ELEVATION
1/4" = 1'-0"
C
A1|A2

ISSUE	DATE	DESCRIPTION
1	03.21.23	ABR

STATE OF OHIO
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Manti Residence

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Exterior Elevations

A2

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Trex
make the most of
OUTDOOR
LIVING



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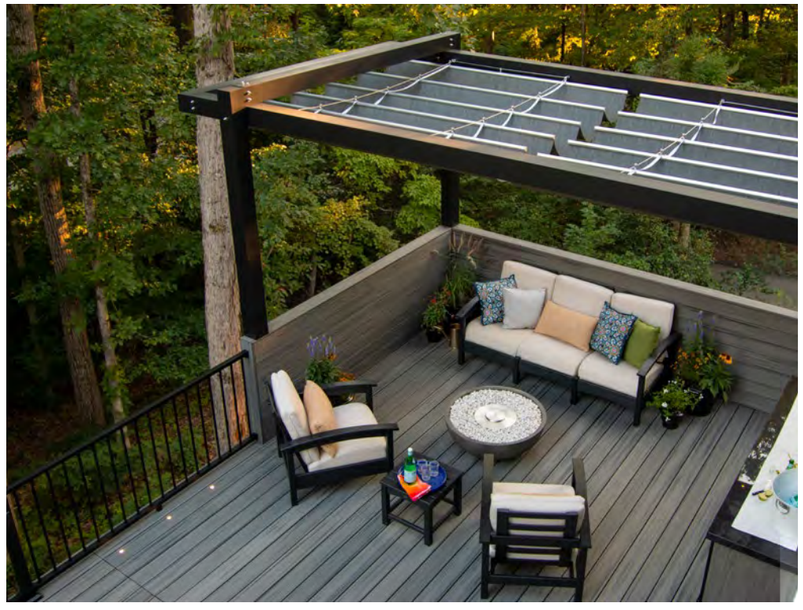
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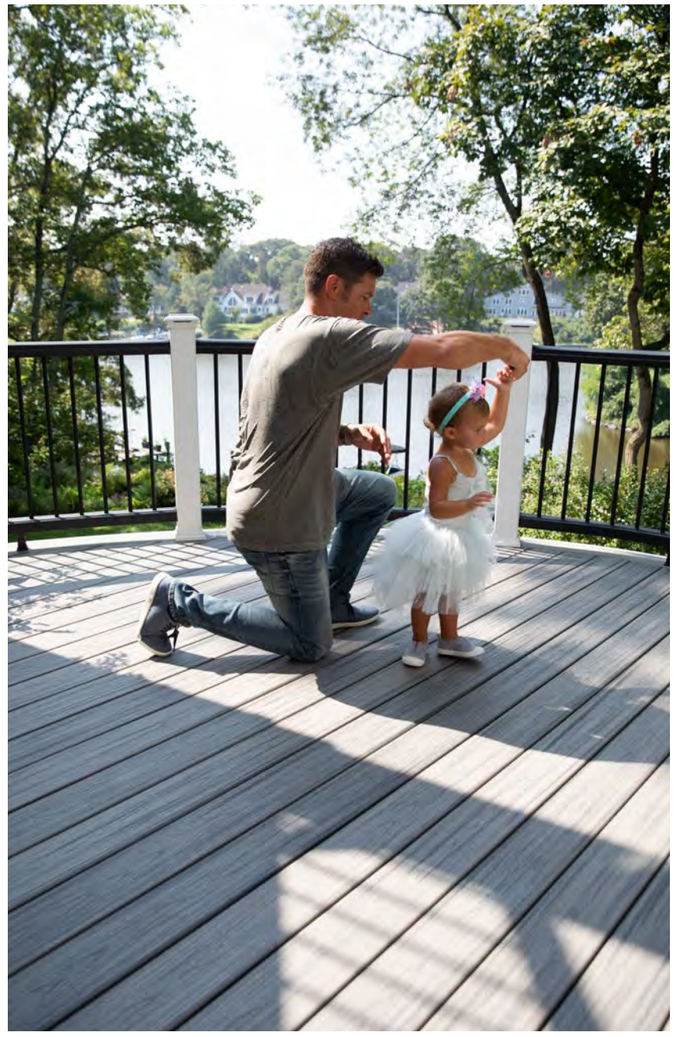
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WHY TREX?

OUTPERFORMS WOOD

- Won’t warp, rot or splinter.
- Easy soap & water cleanup.
- No sanding, no staining, no kidding.

GREEN, BY DESIGN

- Sustainably made of 95% reclaimed wood and recycled plastic in the USA.
- Diverted more than 431 million pounds of plastic film from landfills and waterways in 2021 alone.

ANY STYLE, ANY BUDGET

- Products that fit every home and every homeowner’s price point.

ENDLESS POSSIBILITIES

- A full suite of beautiful, functional finishing touches such as lighting, railing, furniture and more.

SEE THE TREX ADVANTAGE ›

featuring: Transcend Tropicals in Havana Gold with Signature Rod Rail

nature-inspired & nature-withstanding

COLORS

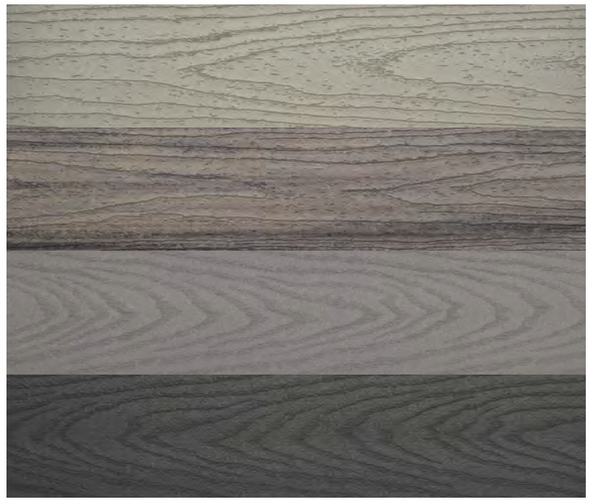
Choose from 24 hues that weather Mother Nature and outlast Father Time.

COLOR SELECTOR

EXPLORE YOUR OPTIONS ›

SEE IT IN PERSON

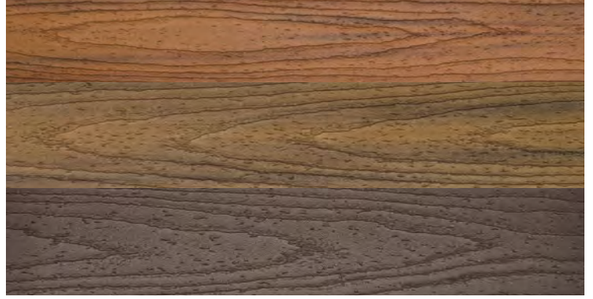
ORDER A SAMPLE ›



















A RULE OF THUMB:

THE LIGHTER THE COLOR, THE COOLER* THE FEEL

Please note that the darker the color, the hotter the deck will feel. For hotter climates, consumers should consider choosing a lighter color.

*Although Trex Transcend Lineage is designed to be cooler than most other composite decking products of a similar color, on a hot sunny day, it will get hot. On hot days, care should be taken to avoid extended contact between exposed skin and the deck surface, especially with young children and those with special needs.

COOLER — HOTTER



The next generation of design and performance.

LIMITED RESIDENTIAL + FADE & STAIN WARRANTY 50 YEAR

✓ UNYIELDING SHELL PROTECTION MAINTAINS ITS COLOR AND LUXURIOUS FINISH YEAR AFTER YEAR

featuring: Transcend Lineage in Carmel

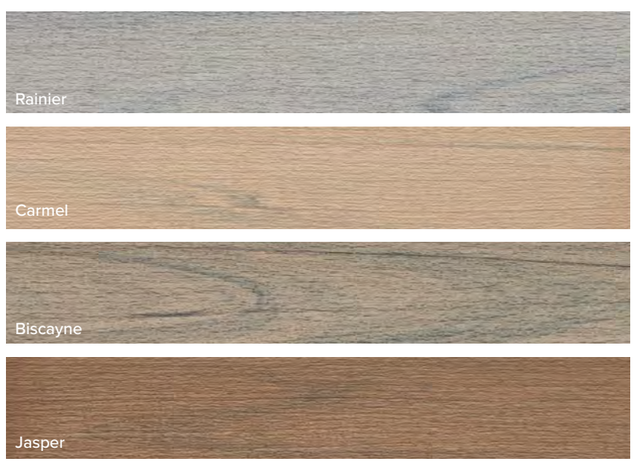


featuring: Transcend Lineage in Rainier



featuring: Transcend Lineage in Jasper

COMES IN FOUR TRANQUIL, ON-TREND COLORS



LINEAGE DECKING COLLECTION ›



featuring: Transcend Lineage in Biscayne

DESIGNED WITH HEAT-MITIGATING TECHNOLOGY FOR OUR COOLEST* DECKING YET

*Although Trex Transcend Lineage is designed to be cooler than most other composite decking products of a similar color, on a hot sunny day, it will get hot. On hot days, care should be taken to avoid extended contact between exposed skin and the deck surface, especially with young children and those with special needs.

Elevated aesthetics paired with the highest level of performance.

ENGINEERED TO BE ✓
CURVEABLE, FOR ENDLESS
DESIGN POSSIBILITIES

LIMITED RESIDENTIAL + FADE & STAIN WARRANTY
50 YEAR

10 featuring: Transcend Tropicals in Spiced Rum with Signature Mesh Railing

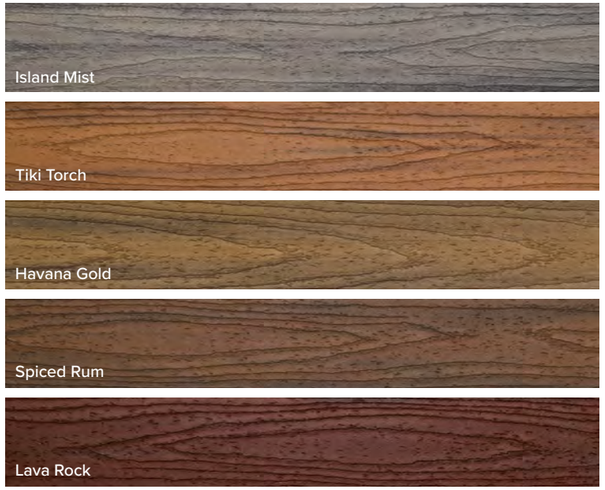


"We wanted something that was sustainable and known for long-lasting beauty. We ultimately decided on Rope Swing."

LIZ MARIE, SHOP OWNER
of The Found Cottage, author of Cozy White Cottage

COMES IN EIGHT MULTI-TONAL & MONOCHROMATIC COLORS

TROPICALS



EARTH TONES



TRANSCEND DECKING COLLECTION ›

TREX SELECT®

The perfect pairing of price and minimal maintenance.

✓ WIDE RANGE OF TRADITIONAL, COMPLEMENTARY COLORS

featuring: Select in Pebble Grey with Signature Aluminum Railing

LIMITED RESIDENTIAL + FADE & STAIN WARRANTY 35 YEAR



featuring: Select in Pebble Grey

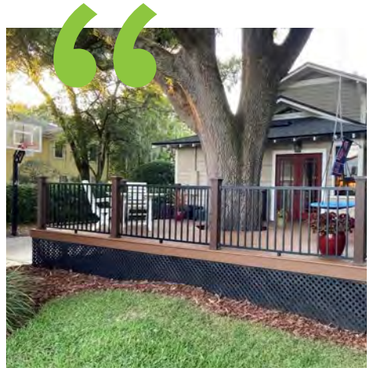


featuring: Select in Saddle

COMES IN FIVE NATURE-INSPIRED COLORS



SELECT DECKING COLLECTION ›



I used Select decking because I wanted a very solid and durable feel. I notice the neighbors passing by glancing at it—makes me proud.

ED P., DIYer
owner of a historic 100-year-old craftsman bungalow

SEE ED'S STORY ›

TREX ENHANCE® NATURALS & BASICS

The beauty of wood with the ease of composite, practically priced.

SCALLOPED UNDERSIDE, FOR LIGHTER BOARDS AND EASIER HANDLING ✓

LIMITED RESIDENTIAL + 25 YEAR FADE & STAIN WARRANTY

featuring: Enhance Naturals in Toasted Sand with Select Railing

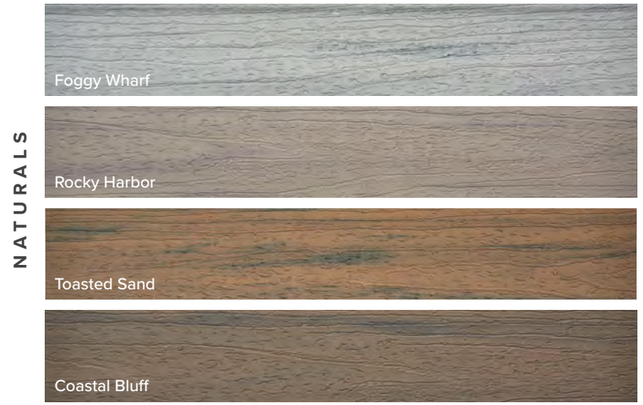


My family and I enjoy spending our weekend evenings on the deck. It's a great space to take in the sunset, listen to music, and relax after a long week.

ASHLEY, HOMEOWNER
on the space she built with Charlee of *Build & Create Home*

SEE ASHLEY'S STORY

COMES IN SEVEN CLASSIC COLORS





ENHANCE DECKING COLLECTION

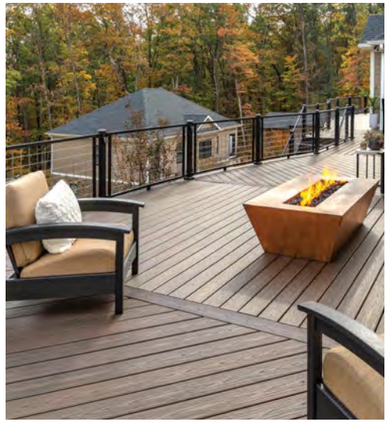


Trex Transcend®
LINEAGE™

The next generation of design and performance.

$$$$ | 50 | ★★★★★

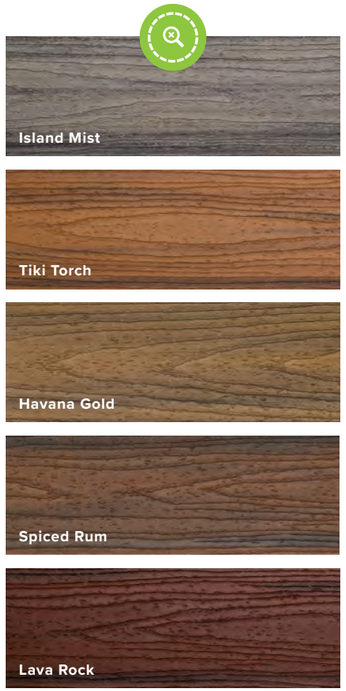


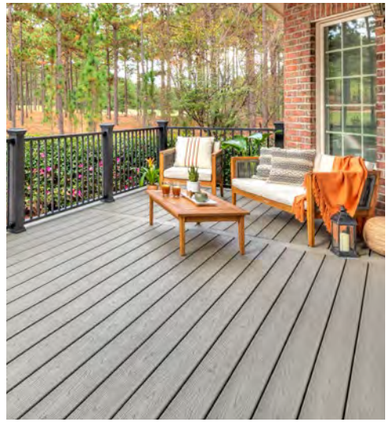


Trex Transcend®
TROPICALS

Elevated aesthetics paired with the highest level of performance.

$$$$ | 50 | ★★★★★

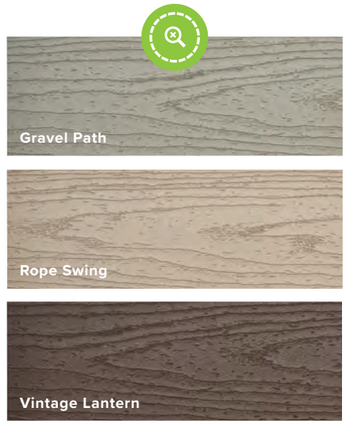




Trex Transcend®
EARTH TONES

A classic look for uncompromising homes.

$$$$ | 50 | ★★★★★

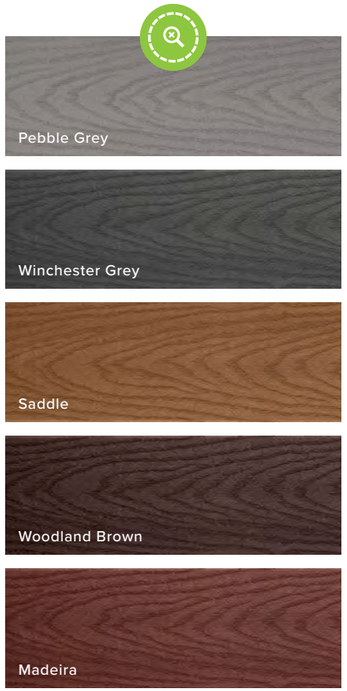


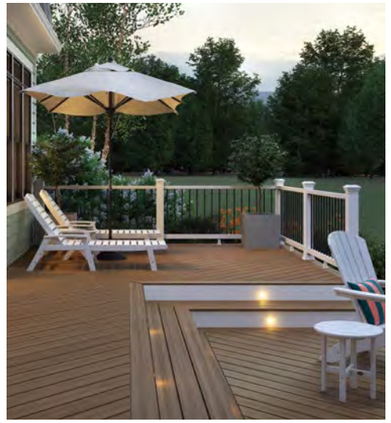


Trex Select®
EARTH TONES

The perfect pairing of price and minimal maintenance.

$$$ | 35 | ★★

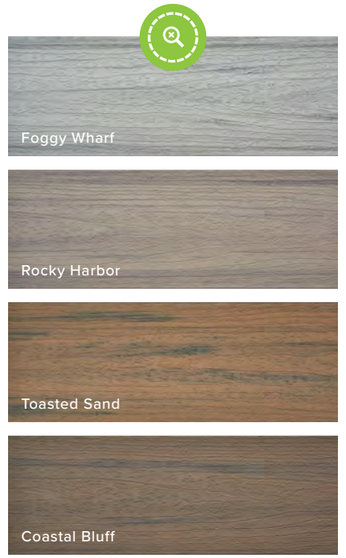




Trex Enhance®
NATURALS

The beauty of wood with the ease of composite.

$$ | 25 | ★

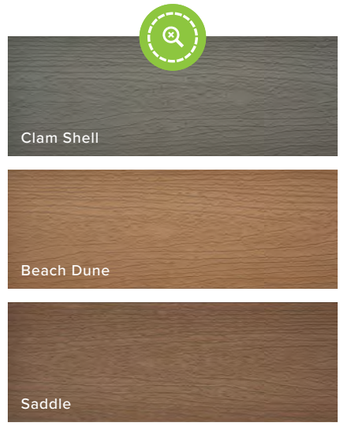




Trex Enhance®
BASICS

Priced to put the pressure on treated lumber.

$ | 25 | ★



PRICE $ – $$$$ | BOARD PROFILES *SOLID* *SCALLOPED* | YEARS OF WARRANTY 25 35 50 | SCRATCH RESISTANCE ★ – ★★★★★

SQUARE EDGE *GROOVED EDGE* — Use with Trex Hideaway® Hidden Fastening System for a clean, screw-free appearance

Compare pricing, colors, maintenance costs and durability.

DECKING COMPARISON TOOL ›



BUILT ON SUSTAINABILITY

RECLAIMED WOOD

+

RECYCLED PLASTIC FILM

+

A SUSTAINABLE SUPPLY CHAIN

=

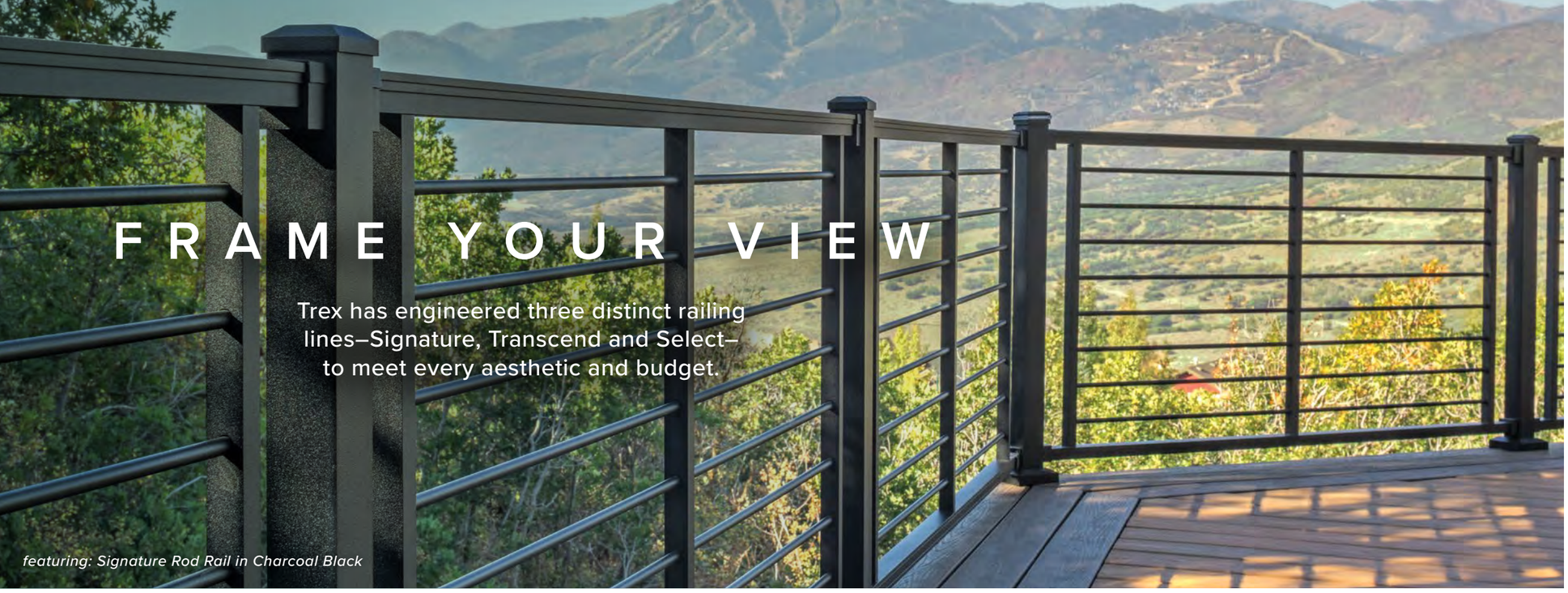
BUILDING A BETTER TOMORROW

GREEN *by design*

At Trex, we understand the importance of protecting our planet. To us, everyday is Earth Day as we commit ourselves to designing sustainably, operating responsibly, empowering our people and building stronger communities, together.

OUR COMMITMENT TO A GREENER PLANET ›

HEAR FROM HGTV'S ALISON VICTORIA ABOUT TREX SUSTAINABILITY



FRAME YOUR VIEW

Trex has engineered three distinct railing lines–Signature, Transcend and Select– to meet every aesthetic and budget.

featuring: Signature Rod Rail in Charcoal Black

THE ANATOMY OF RAILING

There are several key components of a railing section that help you lean into the view.

VIEW RAILING COLLECTIONS ▸

COCKTAIL RAIL (OPTIONAL)

Add a Transcend or Select deck board on a universal top rail or an aluminum rail to create a flat surface.

RAILS

Top and bottom rails provide stability and structure.



POSTS

Vertical poles can be outfitted with caps and skirts.

ACCESSORY INFILL KIT

Hardware matched to your infill style and rail color.

BALUSTERS OR INFILL PANEL

Individual columns or full expanses maintain space and safety.



OFF-THE-SHELF EASE

Our one-box kit solution includes top and bottom rails, your preferred infill and all necessary hardware for a single section of railing. Available in our most popular colors, kits cut down on the number of steps in your selection and ordering processes.

Post sleeve, cap and skirt sold separately.

MIX & MATCH

Love a baluster in one style and a post in another? Want to combine different colors? You can customize your railing to fit your perfect vision.



featuring: Signature Aluminum Railing in Charcoal Black

Prefer a unique configuration?

FIND A TREXPRO® CONTRACTOR ▸



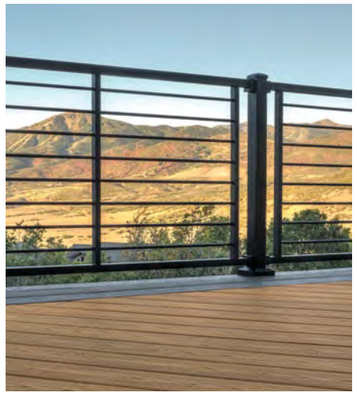
Effortless style, exceptional strength

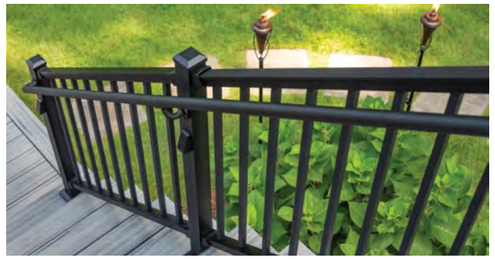
TREX SIGNATURE®

railing

featuring: Signature Glass Railing in Charcoal Black









WE START WITH STRONG, SLEEK AND ELEGANT RAILS

Then powder-coat them for a rich, tactile feel in a variety of natural colors. As for the style? That's up to you, with four unique infills to complement any design aesthetic.

Trex Signature® RAILING

ALUMINUM: posts & rails

- Classic White
- Bronze
- Charcoal Black
- Platinum (Rod Rail only)

OTHER: infill panels

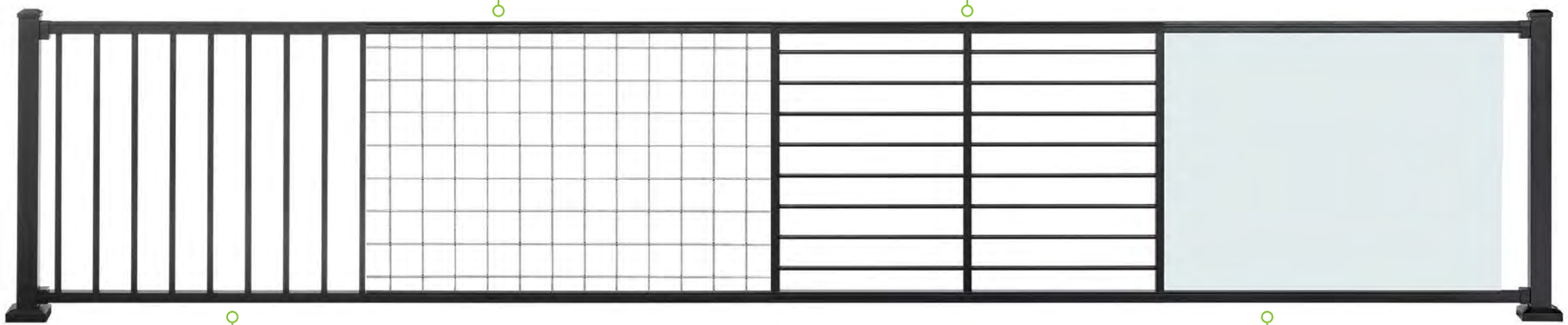
- Stainless Steel Mesh
- Glass

TREX SIGNATURE® MESH RAILING

Crosshatching adds an industrial feel to any space.

TREX SIGNATURE® ROD RAIL

Pairs a sleek profile with modern design.



TREX SIGNATURE® ALUMINUM RAILING

Offers stunning lines and a contemporary feel.

TREX SIGNATURE® GLASS RAILING

Ensures sweeping views with transparent panels.

SIGNATURE RAILING COLLECTION ›



TREX TRANSCEND®
railing

featuring: Transcend Railing in Charcoal Black with round aluminum balusters in Charcoal Black

TIMELESS DESIGN YOU CAN TRUST— AND TAILOR

As strong and sturdy as its namesake decking, Trex Transcend puts every color combination within reach. Style your own, or eliminate the guesswork with pre-designed kits.

Trex Transcend® RAILING

COMPOSITE: top & bottom rails, square balusters

- Classic White
- Charcoal Black
- Gravel Path
- Rope Swing
- Tree House
- Vintage Lantern

ALUMINUM: round balusters

- Classic White
- Bronze
- Charcoal Black

TRANSCEND RAILING COLLECTION ›



TREX SELECT®
railing

featuring: Select Railing in Classic White with round aluminum balusters in Charcoal Black

THE SIMPLE CHOICE FOR YOUR BACKYARD

Crisp, safe and effective, Trex Select railing streamlines the design process by combining composite rails in Classic White and round aluminum balusters in Charcoal Black.

Trex Select® RAILING

COMPOSITE: top & bottom rails

- Classic White

ALUMINUM: round balusters

- Charcoal Black

SELECT RAILING COLLECTION ›

TREX PLANNING TOOLS

PLANNING MADE SIMPLE

Long before you break out the drill, plan your deck with these easy-to-use online tools, from simple comparisons and overviews to detailed plans and shopping lists.

EXPLORE OUR DIGITAL TOOLS ›

COLOR SELECTOR ›

COST CALCULATOR ›

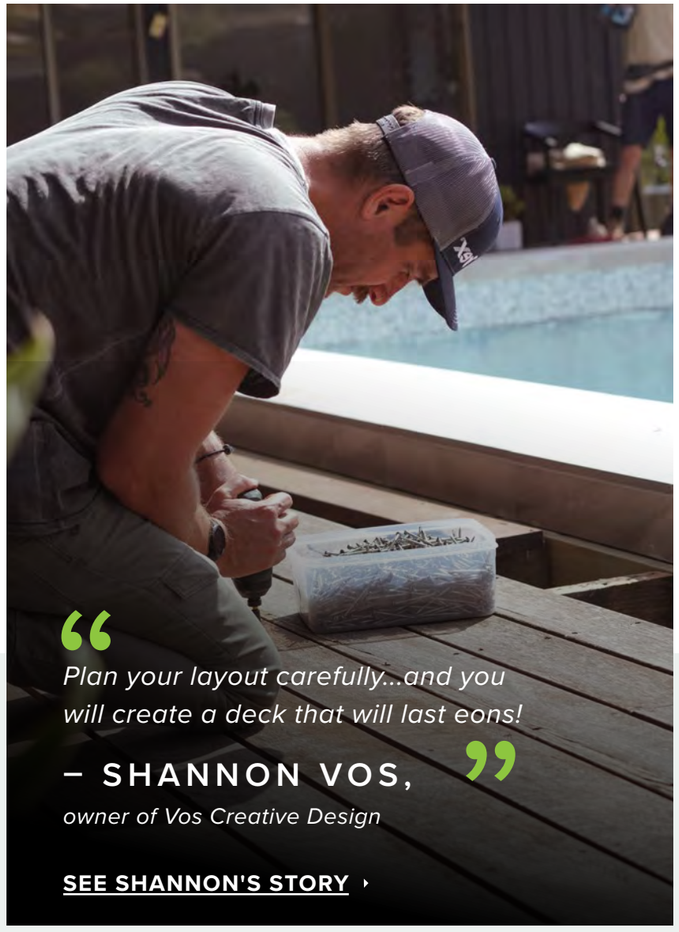
DECK STARTER ›

DECK DESIGNER ›

AR VISUALIZER ›

BRING YOUR VISION TO LIFE

Our Deck Designer tool helps you handpick every element of your deck and preview it in 3D.



TREX® ACADEMY™

READY TO ROLL UP YOUR SLEEVES?

If you can dream it, you can build it with Trex Academy. With answers to your most common questions, pro tips, how-to guides and more, we’re here to help you at every step of your build.

LEARN MORE AT TREX ACADEMY ›

SEE IT IN YOUR SPACE

Bring your new deck to life in your backyard space with the Trex Decking and Railing AR Visualizer App.

DOWNLOAD IT ON MOBILE ›

Winner of a Green Builder's 2022 Sustainable Product of the Year award in the "Smart Tech" category

HOW-TO GUIDES

From breaking ground to building, explore our step-by-step guides for every phase.

START BUILDING ›

WRAP THE HOUSE

THE GO-TO TOUCHES

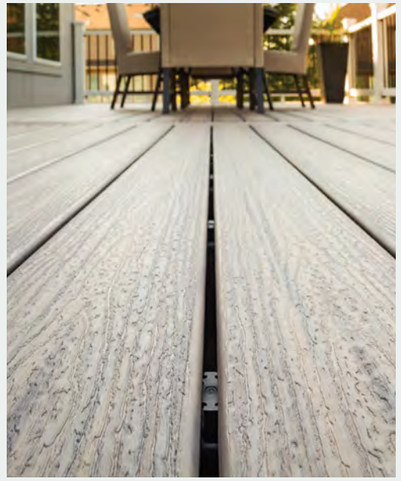
All the products to complete and complement your space.



Trex® Cladding™

Add instant curb appeal with this contemporary, high-performance exterior. We're talking minimal maintenance with maximum beauty.

CLADDING ›



Trex® Hideaway®
HIDDEN FASTENERS

These self-gapping, glass-filled nylon hidden fasteners are used with our grooved-edge boards for a screw-free finish.

HIDDEN FASTENERS ›



Trex® Fascia

Achieve beauty at every angle with a fascia color to match every decking color (plus: Universal White for a crisp finish).

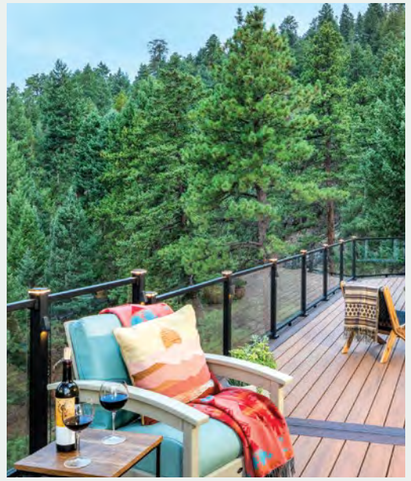
FASCIA ›



Trex® RainEscape®
DECK DRAINAGE SYSTEM

Our underdeck drainage system keeps drips from the patio below. And you can shield your deck from moisture with Trex® Protect™, a non-skid, self-adhesive flashing tape.

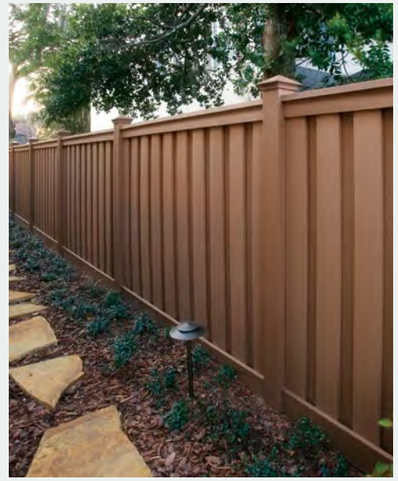
RAINESCAPE ›



Trex® Outdoor Lighting™

Our LED lighting integrates into all our decking and railing, taking the outdoors from invisible to inviting.

OUTDOOR LIGHTING ›



Trex® Fencing

Our composite fencing will add to your outdoor experience with its beautiful colors, engineered artistry and quality.

FENCING ›

Trex® RainEscape® products are manufactured and sold by IBP, LLC under a Trademark License Agreement with Trex Company, Inc. RainEscape® is a federally registered trademark of IBP, LLC. A 20-year Limited Warranty is provided by the manufacturer.

For the terms of warranties on Trex® OutdoorLighting™, see page 50 or visit trex.com. Cree® is a registered trademark of Cree, Inc.

THE WOW TOUCHES

All the products to make your space feel even more you.



Trex® Outdoor Furniture™

A premium version of leave-them-outside tables, chairs, benches, swings and more.

OUTDOOR FURNITURE ›


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Trex® Pergola™

A shady, sturdy retreat that's virtually upkeep-free. Talk about a room with a view.

PERGOLA ›



Trex® Outdoor Kitchens™

Bring the joy of cooking outside (and your guests will follow).

OUTDOOR KITCHENS ›


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Trex® Lattice™

The most classic (and durable) way to add privacy, utility and dimension deckside.

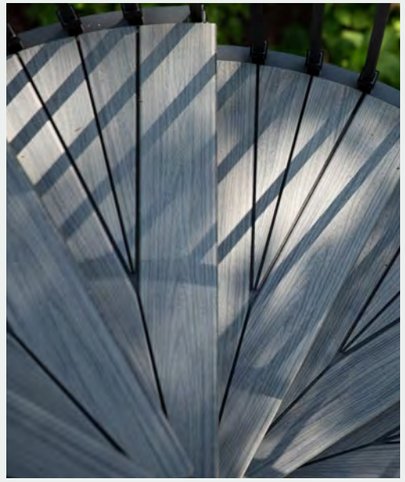
LATTICE ›



Trex® Cornhole™

Regulation size and surfaced, you can leave the set (and the bags) out all year long.

CORNHOLE ›



Trex® Spiral Stairs™

Take your deck to the next level (literally) and add some wow with stairs that are sure to turn heads.

SPIRAL STAIRS ›

Trex® Outdoor Furniture™ products are manufactured and sold by POLYWOOD. under a Trademark License Agreement with Trex Company, Inc. A 20-Year Limited Warranty is provided by the manufacturer.

Trex® Pergola™ products are manufactured and sold by Home & Leisure, Inc., d/b/a/ Structureworks, under a Trademark License Agreement with Trex Company, Inc. A 25-Year Limited Residential Warranty and a 10-Year Limited Commercial Warranty provided by the manufacturer. Sunbrella® is a registered trademark of Glen Raven, Inc. ShadeTree® Canopy is a registered trademark of Shade Tree Inc.

Trex® Outdoor Kitchens™ is manufactured and sold by CT Acquisitions LLC., under a Trademark License Agreement with Trex Company, Inc. A Limited Warranty is provided by the manufacturer.

Trex® Lattice™ is manufactured and sold by Home & Leisure, Inc., d/b/a/ Structureworks, under a Trademark License Agreement with Trex Company, Inc. A 12-year Limited Warranty is provided by the manufacturer.

Trex® Cornhole™ is manufactured and sold by IPG Global Marketing under a Trademark License Agreement with Trex Company, Inc. A 1-year Limited Warranty is provided by the manufacturer for the boards, and a 30-day Limited Warranty provided by the manufacturer for the bags.

Trex® Spiral Stairs™ are manufactured and sold by M. Cohen and Sons, Inc., d/b/a The Iron Shop, under a Trademark License Agreement with Trex Company, Inc. A 25-year Limited Residential Warranty is provided by the manufacturer.

PRODUCT SPECIFICATIONS

Trex Decking & Fascia

PROFILE		DESCRIPTION		ITEM #	COLORS
1" Square-Edge Board *Actual dimensions:* Transcend & Enhance: .94 in x 5.5 in x 12 ft / 16 ft / 20 ft (24 mm x 140 mm x 365 cm / 487 cm / 609 cm) Select: .82 in x 5.5 in x 12 ft / 16 ft / 20 ft (20 mm x 140 mm x 365 cm / 487 cm / 609 cm)		1 x 6 x 16' 1 x 6 x 20'	Transcend Lineage	XX010616TLS01 XX010620TLS01	RN, CL, BC, JA
		1 x 6 x 12' 1 x 6 x 16' 1 x 6 x 20'	Transcend Tropicals	XX010612TS01 XX010616TS01 XX010620TS01	IM, TT, HG, SR, LR
		1 x 6 x 12' 1 x 6 x 16' 1 x 6 x 20'	Transcend Earth Tones	XX010612T2S01 XX010616T2S01 XX010620T2S01	GP, RS, VL
		7/8 x 6 x 12' 7/8 x 6 x 16' 7/8 x 6 x 20'	Select	XX010612SS01 XX010616SS01 XX010620SS01	PG, WG, SD, WB, MB
		1 x 6 x 12' 1 x 6 x 16' 1 x 6 x 20'	Enhance Naturals	XX010612E2S01 XX010616E2S01 XX010620E2S01	FW, RH, TS, CB
		1 x 6 x 12' 1 x 6 x 16' 1 x 6 x 20'	Enhance Basics	XX010612E2S01 XX010616E2S01 XX010620E2S01	CS, BD, SD
1" Grooved-Edge Board *Actual dimensions:* Transcend & Enhance: .94 in x 5.5 in x 12 ft / 16 ft / 20 ft (24 mm x 140 mm x 365 cm / 487 cm / 609 cm) Select: .82 in x 5.5 in x 12 ft / 16 ft / 20 ft (20 mm x 140 mm x 365 cm / 487 cm / 609 cm)		1 x 6 x 12' 1 x 6 x 16' 1 x 6 x 20'	Transcend Lineage	XX010612TLG01 XX010616TLG01 XX010620TLG01	RN, CL, BC, JA
		1 x 6 x 12' 1 x 6 x 16' 1 x 6 x 20'	Transcend Tropicals	XX010612TG01 XX010616TG01 XX010620TG01	IM, TT, HG, SR, LR
		1 x 6 x 12' 1 x 6 x 16' 1 x 6 x 20'	Transcend Earth Tones	XX010612T2G01 XX010616T2G01 XX010620T2G01	GP, RS, VL
		7/8 x 6 x 12' 7/8 x 6 x 16' 7/8 x 6 x 20'	Select	XX010612SG01 XX010616SG01 XX010620SG01	PG, WG, SD, WB, MB
		1 x 6 x 12' 1 x 6 x 16' 1 x 6 x 20'	Enhance Naturals	XX010612E2G01 XX010616E2G01 XX010620E2G01	FW, RH, TS, CB
		1 x 6 x 12' 1 x 6 x 16' 1 x 6 x 20'	Enhance Basics	XX010612E2G01 XX010616E2G01 XX010620E2G01	CS, BD, SD
1" x 8" Fascia Board *Actual dimensions:* Transcend, Enhance, Select, Universal White: .56 in x 7.25 in x 12 ft (14 mm x 184 mm x 365 cm)		1 x 8 x 12' 1 x 8 x 12' 1 x 8 x 12'	Transcend Lineage Transcend Tropicals Transcend Earth Tones	XX010812TLS01 XX010812TS01 XX010812T2S01	RN, CL, BC, JA IM, TT, HG, SR, LR GP, RS, VL
		1 x 8 x 12'	Select	XX010812SS01	PG, WG, SD, WB, MB
		1 x 8 x 12' 1 x 8 x 12'	Enhance Naturals Enhance Basics	XX010812E2S01 XX010812E2S01	FW, RH, TS, CB CS, BD, SD
		1 x 8 x 12'	Universal White	WW010812ES01	WW
1" x 12" Fascia Board *Actual dimensions:* Transcend, Enhance, Select, Universal White: .56 in x 11.375 in x 12 ft (14 mm x 288 mm x 365 cm)		1 x 12 x 12' 1 x 12 x 12' 1 x 12 x 12'	Transcend Lineage Transcend Tropicals Transcend Earth Tones	XX011212TLS01 XX011212TS01 XX011212T2S01	RN, CL, BC, JA IM, TT, HG, SR, LR GP, RS, VL
		1 x 12 x 12'	Select	XX011212SS01	PG, WG, SD, WB, MB
		1 x 12 x 12' 1 x 12 x 12'	Enhance Naturals Enhance Basics	XX011212E2S01 XX011212E2S01	FW, RH, TS, CB CS, BD, SD
		1 x 12 x 12'	Universal White	WW011212ES01	WW
2" Square-Edge Board *Actual dimensions:* Transcend 2x4: 1.3 in x 3.4 in x 16 ft (33 mm x 86 mm x 487 cm) Transcend & Select 2x6: 1.3 in x 5.5 in x 12 ft / 16 ft / 20 ft (33 mm x 140 mm x 365 cm / 487 cm / 609 cm)		2 x 4 x 16'	Transcend Tropicals	XX020416TS01	IM, TT, HG, SR, LR
		2 x 6 x 12' 2 x 6 x 16' 2 x 6 x 20'	Transcend Tropicals	XX020612TS01 XX020616TS01 XX020620TS01	IM, TT, HG, SR, LR
		2 x 6 x 12' 2 x 6 x 16' 2 x 6 x 20'	Select	XX020612SS01 XX020616SS01 XX020620SS01	PG, SD, WB, MB

XX = COLOR PREFIX

RN	Rainier	IM	Island Mist	GP	Gravel Path	PG	Pebble Grey
CL	Carmel	TT	Tiki Torch	RS	Rope Swing	WG	Winchester Grey
BC	Biscayne	HG	Havana Gold	VL	Vintage Lantern	SD	Saddle
JA	Jasper	SR	Spiced Rum			WB	Woodland Brown
		LR	Lava Rock			MB	Madeira

FW	Foggy Wharf	CS	Clam Shell
RH	Rocky Harbor	BD	Beach Dune
TS	Toasted Sand	SD	Saddle
CB	Coastal Bluff	WW	Wood Grain White

TREX RAILING—three lines, endless possibilities

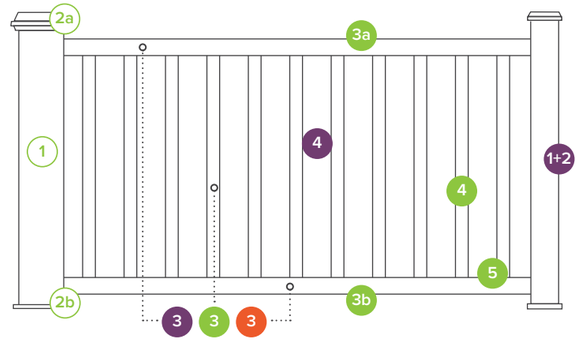
Please read the system descriptions at the top of each product section so you can choose exactly which railing components you need to complete your design. For additional guidance, the chart below depicts each railing system's components.

TREX POST COMPONENTS

TREX SIGNATURE® RAILING

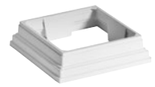
TREX TRANSCEND® RAILING

TREX SELECT® RAILING



Trex Post Sleeves, Caps & Skirts

These components can be used as steps 1 & 2 for all Trex railing lines.

STEP	COMPONENT		DESCRIPTION	ITEM #
1	Post Sleeve Each 4x4 and 6x6 post sleeve fits over a 4x4 pressure treated post or equivalent post mount. *Dimensions are nominals. See below for actuals and metrics.* [4.45 in x 4.45 in x 40 in (113 mm x 113 mm x 101 cm) external dimensions] [4.45 in x 4.45 in x 108 in (113 mm x 113 mm x 274 cm) external dimensions] [5.5 in x 5.5 in x 39 in (139 mm x 139 mm x 990 mm) external dimensions] [5.5 in x 5.5 in x 108 in (139 mm x 139 mm x 274 cm) external dimensions]		4" x 4" x 39" Post Sleeve 4" x 4" x 108" Post Sleeve	XX040439APS XX0404108APS
			6" x 6" x 39" Post Sleeve 6" x 6" x 108" Post Sleeve	WT060639APS WT0606108APS
2a	Post Sleeve Cap Also available with LED lighting. *Dimensions are nominals. See below for actuals and metrics.* [4.55 in x 4.55 in (115 mm x 115 mm) internal dimensions] [5.55 in x 5.55 in (140 mm x 140 mm) internal dimensions]		Flat 4" x 4" Post Sleeve Cap Flat 6" x 6" Post Sleeve Cap	PXXSQCAP4X4 PWTSQCAP6X6
2b	Post Sleeve Skirt *Dimensions are nominals. See below for actuals and metrics.* [4.55 in x 4.55 in (115 mm x 115 mm) internal dimensions] [5.55 in x 5.55 in (140 mm x 140 mm) internal dimensions]		4" x 4" Post Sleeve Skirt 6" x 6" Post Sleeve Skirt	PXXSKIRT4X4 PWTSKIRT6X6

ACCESSORIES	COMPONENT		DESCRIPTION	ITEM #
	Surface Mount Post For use with 4x4 composite post sleeve. *Actual external dimensions of insert:* 3.75 in x 3.75 in x 7 in (95 mm x 95 mm x 177 mm) 3.75 in x 3.75 in x 7 in (95 mm x 95 mm x 177 mm)		Aluminum Surface Mount Post for 36" (914 mm) Rail Height (1/box)	ALPOSTMOUNT36
			Aluminum Surface Mount Post for 42" (1066 mm) Rail Height (1/box)	ALPOSTMOUNT42
			Surface Mount Post Hardware—Wood (10 kits/box)	ALPOSTHWDECK
	Joist Mount Post For use with 4x4 composite post sleeve. *Actual external dimensions of insert:* 3.75 in x 3.75 in x 7 in (95 mm x 95 mm x 177 mm)		Aluminum Joist Mount Post for use with all Trex railing heights (1/box)	CPJMNTPOST63

XX = COLOR PREFIX

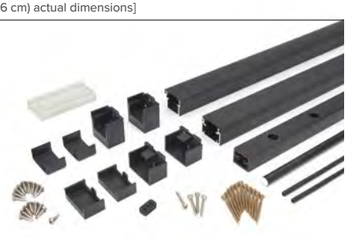
WT	Classic White	GP	Gravel Path	TH	Tree House
BK	Charcoal Black	RS	Rope Swing	VL	Vintage Lantern

Trex Signature® Railing

Choose either aluminum posts or composite post sleeves, caps and skirts for steps 1 & 2.
Pair with a rail kit (step 3) and infill panel (step 4) if needed.

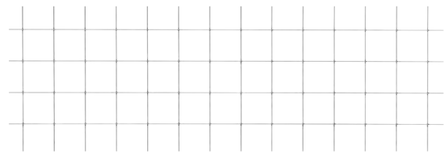
STEP	DESCRIPTION	ITEM #	DESCRIPTION	ITEM #
1+2	**Aluminum Posts**			
	Can only be used within the Trex Signature line. Trex Signature aluminum posts fulfill steps 1 & 2. If using composite post sleeves, refer to previous page.			
	2.5" x 2.5" x 37" Aluminum Post—Horizontal 2.5" x 2.5" x 43" Aluminum Post—Horizontal 2.5" x 2.5" x 53" Aluminum Post—Stair *Comes with cap and skirt.*	XXAL252537RCAP XXAL252543RCAP XXAL252553RCAP	IRC Aluminum Mounting Plate & Hardware *For use with all Trex 2.5" Surface Mount Aluminum Posts.* Concrete Post Mount Kit	ALPOSTHWDECK ALPOSTHWCONC
	2.5" x 2.5" x 36" Crossover Post—Horizontal 2.5" x 2.5" x 42" Crossover Post—Horizontal *Comes with skirt.*	XXAL252536RCCP XXAL252542RCCP	2.5" x 2.5" x 63" Aluminum Joist Mount Post *Comes with cap and skirt.* Trex Signature Fascia Mount Kit - wood framing *For use with Joist Mount Trex Signature Railing Post only.*	XXJMNTPOST63 XXFMNTWOOD
	2.5" x 2.5" x 37" Line Post with Premounted Brackets 2.5" x 2.5" x 37" End Post with Premounted Brackets 2.5" x 2.5" x 37" Corner Post with Premounted Brackets 2.5" x 2.5" x 43" Line Post with Premounted Brackets 2.5" x 2.5" x 43" End Post with Premounted Brackets 2.5" x 2.5" x 43" Corner Post with Premounted Brackets *Comes with cap and skirt.*	BKAL252537RCAPLINE BKAL252537RCAPEND BKAL252537RCAPCNR BKAL252543RCAPLINE BKAL252543RCAPEND BKAL252543RCAPCNR	*Dimensions are nominals. See below for actuals and metrics.* [2.5 in x 2.5 in x 36 in (63 mm x 63 mm x 914 mm) actual dimensions] [2.5 in x 2.5 in x 37 in (63 mm x 63 mm x 939 mm) actual dimensions] [2.5 in x 2.5 in x 42 in (63 mm x 63 mm x 106 cm) actual dimensions] [2.5 in x 2.5 in x 43 in (63 mm x 63 mm x 109 cm) actual dimensions] [2.5 in x 2.5 in x 53 in (63 mm x 63 mm x 134 cm) actual dimensions] [2.5 in x 2.5 in x 63 in (63 mm x 63 mm x 160 cm) actual dimensions]	

STEP	DESCRIPTION	ITEM #	DESCRIPTION	ITEM #
3	**Rail & Baluster Kit**			
	(includes top rail, bottom rail, balusters and mounting and support hardware) *Available in WT, BZ, and BK.*			
	6' x 36" Rail Kit w. Round Balusters—Horizontal 6' x 36" Rail Kit w. Round Balusters—Stair 8' x 36" Rail Kit w. Round Balusters—Horizontal 8' x 36" Rail Kit w. Round Balusters—Stair	BKAR0636HRK BKAR0636SRK BKAR0836HRK BKAR0836SRK	6' x 42" Rail Kit w. Square Balusters—Horizontal 6' x 42" Rail Kit w. Square Balusters—Stair 8' x 42" Rail Kit w. Square Balusters—Horizontal 8' x 42" Rail Kit w. Square Balusters—Stair	XXAS0642HRK XXAS0642SRK XXAS0842HRK XXAS0842SRK
	6' x 42" Rail Kit w. Round Balusters—Horizontal 6' x 42" Rail Kit w. Round Balusters—Stair 8' x 42" Rail Kit w. Round Balusters—Horizontal 8' x 42" Rail Kit w. Round Balusters—Stair	BKAR0642HRK BKAR0642SRK BKAR0842HRK BKAR0842SRK	4' x 36" Assembled Panel (Square)—Horizontal 6' x 36" Assembled Panel (Square)—Horizontal 6' x 36" Assembled Panel (Square)—Stair 8' x 36" Assembled Panel (Square)—Horizontal 8' x 36" Assembled Panel (Square)—Stair 4' x 42" Assembled Panel (Square)—Horizontal 6' x 42" Assembled Panel (Square)—Horizontal 6' x 42" Assembled Panel (Square)—Stair 8' x 42" Assembled Panel (Square)—Horizontal 8' x 42" Assembled Panel (Square)—Stair	BKAS0436HRPNL BKAS0636HRPNL BKAS0636SRPNL BKAS0836HRPNL BKAS0836SRPNL BKAS0442HRPNL BKAS0642HRPNL BKAS0642SRPNL BKAS0842HRPNL BKAS0842SRPNL
	6' x 36" Rail Kit w. Square Balusters—Horizontal 6' x 36" Rail Kit w. Square Balusters—Stair 8' x 36" Rail Kit w. Square Balusters—Horizontal 8' x 36" Rail Kit w. Square Balusters—Stair	XXAS0636HRK XXAS0636SRK XXAS0836HRK XXAS0836SRK	*Does not include hardware. Assembled Panels available in BK.*	
3	**Rod Rail Kit**			
	(includes top rail, bottom rail, rods and mounting and support hardware)			
	6' x 36" Black Rails & Platinum Rods Kit—Horizontal 6' x 36" Black Rails & Platinum Rods Kit—Stair 8' x 36" Black Rails & Platinum Rods Kit—Horizontal 8' x 36" Black Rails & Platinum Rods Kit—Stair	BKPLROD0636HRK BKPLROD0636SRK BKPLROD0836HRK BKPLROD0836SRK	6' x 42" Black Rails & Black Rods Kit—Horizontal 6' x 42" Black Rails & Black Rods Kit—Stair 8' x 42" Black Rails & Black Rods Kit—Horizontal 8' x 42" Black Rails & Black Rods Kit—Stair	BKBKROD0642HRK BKBKROD0642SRK BKBKROD0842HRK BKBKROD0842SRK
	6' x 36" Bronze Rails & Platinum Rods Kit—Horizontal 6' x 36" Bronze Rails & Platinum Rods Kit—Stair 8' x 36" Bronze Rails & Platinum Rods Kit—Horizontal 8' x 36" Bronze Rails & Platinum Rods Kit—Stair	BZPLROD0636HRK BZPLROD0636SRK BZPLROD0836HRK BZPLROD0836SRK	36" Rod Rail Vertical Kit—Horizontal 36" Rod Rail Vertical Kit—Stair 42" Rod Rail Vertical Kit—Horizontal 42" Rod Rail Vertical Kit—Stair *Use as an accessory for cut rod rail sections.* *Available in BK and PL.*	XX36RODHVERTK XX36RODSVERTK XX42RODHVERTK XX42RODSVERTK
	6' x 36" Black Rails & Black Rods Kit—Horizontal 6' x 36" Black Rails & Black Rods Kit—Stair 8' x 36" Black Rails & Black Rods Kit—Horizontal 8' x 36" Black Rails & Black Rods Kit—Stair	BKBKROD0636HRK BKBKROD0636SRK BKBKROD0836HRK BKBKROD0836SRK	*Dimensions are nominals. See below for actuals and metrics.* [4' x 36": 48 in x 36 in (122 cm x 914 mm) actual dimensions] [4' x 42": 48 in x 42 in (122 cm x 106cm) actual dimensions] [6' x 36": 72 in x 36 in (182 cm x 914 mm) actual dimensions] [8' x 36": 96 in x 36 in (243 cm x 914 mm) actual dimensions] [6' x 42": 72 in x 42 in (182 cm x 106 cm) actual dimensions] [8' x 42": 96 in x 42 in (243 cm x 106 cm) actual dimensions]	
	6' x 42" Black Rails & Platinum Rods Kit—Horizontal 6' x 42" Black Rails & Platinum Rods Kit—Stair 8' x 42" Black Rails & Platinum Rods Kit—Horizontal 8' x 42" Black Rails & Platinum Rods Kit—Stair	BKPLROD0642HRK BKPLROD0642SRK BKPLROD0842HRK BKPLROD0842SRK		
	6' x 42" Bronze Rails & Platinum Rods Kit—Horizontal 6' x 42" Bronze Rails & Platinum Rods Kit—Stair 8' x 42" Bronze Rails & Platinum Rods Kit—Horizontal 8' x 42" Bronze Rails & Platinum Rods Kit—Stair	BZPLROD0642HRK BZPLROD0642SRK BZPLROD0842HRK BZPLROD0842SRK		



XX = COLOR PREFIX

WT Classic White BZ Bronze BK Charcoal Black PL Platinum

STEP	COMPONENT	DESCRIPTION	ITEM #
3	**Mesh Rail Kit**		
	(includes top rail, bottom rail, foot block, verticals, anti-rattle gaskets, hardware and bracket pack) *Available in BK and BZ. Mesh infill sold separately.*		
		6' x 36" Mesh Railing Kit—Horizontal 6' x 36" Mesh Railing Kit—Stair 8' x 36" Mesh Railing Kit—Horizontal 8' x 36" Mesh Railing Kit—Stair	XXA0636PNLHRK XXA0636PNLSRK XXA0836PNLHRK XXA0836PNLSRK
		6' x 42" Mesh Railing Kit—Horizontal 6' x 42" Mesh Railing Kit—Stair 8' x 42" Mesh Railing Kit—Horizontal 8' x 42" Mesh Railing Kit—Stair	XXA0642PNLHRK XXA0642PNLSRK XXA0842PNLHRK XXA0842PNLSRK
	Dimensions are nominals. See below for actuals and metrics. [6' x 36": 72 in x 36 in (182 cm x 914 mm) actual dimensions] [8' x 36": 96 in x 36 in (243 cm x 914 mm) actual dimensions] [6' x 42": 72 in x 42 in (182 cm x 106 cm) actual dimensions] [8' x 42": 96 in x 42 in (243 cm x 106 cm) actual dimensions]	36" Mesh Railing Vertical Kit—Horizontal 36" Mesh Railing Vertical Kit—Stair 42" Mesh Railing Vertical Kit—Horizontal 42" Mesh Railing Vertical Kit—Stair *Use as an accessory for cut mesh railing sections.*	XX36MSHHVERTK XX36MSHSVERTK XX42MSHHVERTK XX42MSHSVERTK
3	**Glass Rail Kit**		
	(includes top rail, bottom rail, foot block, verticals, hardware and bracket pack) *Available in BK and WT. Glass infill sold separately. Visit **glass.trex.com** to order custom glass panels to complete your build*		
		6' Glass Railing Kit—Horizontal *Dimension above is nominal. See below for actual and metric.* [6': 72 in (182 cm) actual dimension]	XXA06HGLRK
4	**Mesh Panel**		
	(includes stainless steel mesh panel) For use with Trex Signature Mesh Rail Kit.		
		6' x 36" Stainless Steel Mesh Panel—Horizontal 8' x 36" Stainless Steel Mesh Panel—Horizontal 8' x 42" Stainless Steel Mesh Panel—Horizontal Universal 316 Stainless Steel Mesh Panel—Stair	SSMESH0636HZ SSMESH0836HZ SSMESH0842HZ SSMESHUNIVST
		Dimensions are nominals. See below for actuals and metrics. [6' x 36": 64 in x 32.375 in (162 cm x 822 mm) actual dimensions] [8' x 36": 88 in x 32.375 in (223 cm x 822 mm) actual dimensions] [8' x 42": 88 in x 38.375 in (223 cm x 974 mm) actual dimensions] [Universal 316: 108.1875 in x 36.1875 in (274 cm x 919 mm) actual dimensions]	
4	**Glass Panel**		
	For use with Trex Signature Glass Rail Kit. *Visit **glass.trex.com** to order custom glass panels to complete your build.*	for 36" Rail Height—Horizontal for 42" Rail Height—Horizontal	

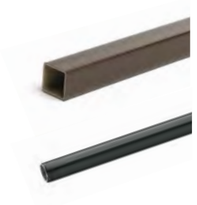
ACCESSORIES	COMPONENT	ITEM #	COMPONENT	ITEM #
	Signature Bracket Template—Horizontal (36" and 42") - Composite Sleeve Signature Bracket Template—Horizontal (36" and 42") - 2.5" Aluminum Post	SIGTEMP4X4SLEEVE SIGTEMPIRCPOST	Cocktail Rail Bracket (10/pack) Tabless Fixed Bracket—Horizontal (4/pack) Fixed Bracket—Stair (4/pack) Swivel Bracket—Horizontal (2/pack–1 top, 1 bottom) Swivel Bracket—Stair (2/pack–1 top, 1 bottom)	XXCTBKTAL10PK XXFHBKTALPNL XXFSBKTAL XXSWHBKTAL XXSWSBKTAL
			2.5" Crossover Bracket—Horizontal (1/pack) 90° Crossover Bracket—Horizontal (1/pack) 2.5" Swivel Crossover Bracket—Stair (1/pack) Compound Swivel Bracket (2/pack–1 top, 1 bottom)	XX25FHCBKTAL XX90FHCBKTAL XX25RCSWSCBKTAL XXCPDSWBKTAL
	Aluminum Foot Block Extended Aluminum Foot Block	XXALFTBLK XXAL08FTBLK	Rail End Cap Touch-up Pen	XXXOVERENDCAP XXTOUCHUPPEN

XX = COLOR PREFIX

WT Classic White BZ Bronze BK Charcoal Black

Trex Transcend® Railing

**Transcend is either a 3-step or 5-step process. Choose Trex post sleeves, caps and skirts (steps 1 & 2), then choose a rail kit (step 3).
OR choose each component individually for a custom design (steps 3a, 3b, 4 & 5).**

STEP	COMPONENT		DESCRIPTION	ITEM #	COLOR
3	Rail & Square Composite Baluster Kit *(includes Crown top rail, Universal bottom rail, square composite balusters, baluster spacers, adjustable foot block and mounting hardware)* *Color option indicates rails and balusters.*		6' x 36" Rail & Baluster Kit—Horizontal 6' x 36" Rail & Baluster Kit—Stair 8' x 36" Rail & Baluster Kit—Horizontal 8' x 36" Rail & Baluster Kit—Stair	XX0636HRK WT0636SRK XX0836HRK XX0836SRK	WT, BK, VL
			6' x 42" Rail & Baluster Kit—Horizontal 8' x 42" Rail & Baluster Kit—Horizontal 8' x 42" Rail & Baluster Kit—Stair	XX0642HRK XX0842HRK XX0842SRK	WT, BK, VL
3	Rail & Round Aluminum Baluster Kit *(includes Crown top rail, Universal bottom rail, round aluminum balusters, baluster spacers, adjustable foot block and mounting hardware)* *Color option indicates rails. Round aluminum balusters come in BK.*		6' x 36" Rail & Baluster Kit—Horizontal 8' x 36" Rail & Baluster Kit—Horizontal 8' x 36" Rail & Baluster Kit—Stair	XXRD0636HRK XXRD0836HRK XXRD0836SRK	WT, BK, VL
			6' x 42" Rail & Baluster Kit—Horizontal 8' x 42" Rail & Baluster Kit—Horizontal 8' x 42" Rail & Baluster Kit—Stair	XXRD0642HRK XXRD0842HRK XXRD0842SRK	WT, BK, VL
3	Cocktail Rail & Round Aluminum Baluster Kit *(includes Universal top/bottom rails, round aluminum balusters, baluster spacers, adjustable foot block and mounting hardware)* *Round aluminum balusters come in BK.* *Only Trex Transcend and Select deck boards can be used for cocktail rail application.*		6' x 36" Cocktail Rail & Baluster Kit—Horizontal 8' x 36" Cocktail Rail & Baluster Kit—Horizontal 8' x 36" Cocktail Rail & Baluster Kit—Stair	WTRD0636HRKCKTL WTRD0836HRKCKTL WTRD0836SRKCKTL	WT
			Dimensions are nominals. See below for actuals and metrics. 6' x 36": 67.5 in x 36 in (171 cm x 914 mm) 6' x 42": 67.5 in x 42 in (171 cm x 106 cm) 8' x 36": 91.5 in x 36 in (232 cm x 914 mm) 8' x 42": 91.5 in x 42 in (232 cm x 106 cm)		
3a	Top Rail Universal top rail is used for cocktail rail applications.		6' Crown Top Rail 8' Crown Top Rail 6' Universal Top/Bottom Rail 8' Universal Top/Bottom Rail	XXCROWNTR06 XXCROWNTR08 XXUNIVTBR06 XXUNIVTBR08	WT, BK, GP, RS, TH, VL
3b	Bottom Rail		6' Universal Top/Bottom Rail 8' Universal Top/Bottom Rail	XXUNIVTBR06 XXUNIVTBR08	WT, BK, GP, RS, TH, VL
4	Balusters See chart below for number of balusters needed to complete each railing section. *Composite balusters are available in WT, BK, GP, RS, TH and VL.* *Aluminum balusters are available in WT, BZ and BK.*		Square Composite Balusters for 36" Rail Height (16/pack) Square Composite Balusters for 42" Rail Height (16/pack)	XX020230SBK XX020236SBK	WT, BK, GP, RS, TH, VL
			Round Aluminum Balusters for 36" Rail Height (20/pack) Round Aluminum Balusters for 42" Rail Height (20/pack)	XXTA30RBK XXTA36RBK	WT, BZ, BK

BALUSTER	ORIENTATION	6' SECTION	8' SECTION
Square composite	Horizontal	13	18
	Stair	11	15
Round aluminum	Horizontal	15	20
	Stair	12	16

Dimensions are nominals. See below for actuals and metrics.
6' Rail: 67.5 in (171 cm)
8' Rail: 91.5 in (232 cm)
Composite 36" Baluster: 1.418 in x 1.418 in x 30.375 in (36 mm x 36 mm x 771 mm)
Composite 42" Baluster: 1.418 in x 1.418 in x 36.375 in (36 mm x 36 mm x 923 mm)
Aluminum 36" Baluster: .75 in x 30.25 in (19 mm x 768 mm)
Aluminum 42" Baluster: .75 in x 36.25 in (19 mm x 920 mm)

XX = COLOR PREFIX

Composite Colors

WT Classic White
BK Charcoal Black
GP Gravel Path
RS Rope Swing
TH Tree House
VL Vintage Lantern

Aluminum Colors

WT Classic White
BZ Bronze
BK Charcoal Black

STEP	COMPONENT		DESCRIPTION	ITEM #	COLOR
5	Accessory Infill Kit *(includes, baluster spacers, adjustable foot block and mounting hardware)* *Dimensions are nominals. See below for actuals and metrics.* 6': 67.5 in (171 cm) 8' : 91.5 in (232 cm)		6' Accessory Infill Kit for Square Composite Balusters—Horizontal 6' Accessory Infill Kit for Square Composite Balusters—Stair 8' Accessory Infill Kit for Square Composite Balusters—Horizontal 8' Accessory Infill Kit for Square Composite Balusters—Stair	XXSQHIK06 XXSQSIK06 XXSQHIK08 XXSQSIK08	WT, BK, GP, RS, TH, VL
			6' Accessory Infill Kit for Round Aluminum Balusters—Horizontal 6' Accessory Infill Kit for Round Aluminum Balusters—Stair 8' Accessory Infill Kit for Round Aluminum Balusters—Horizontal 8' Accessory Infill Kit for Round Aluminum Balusters—Stair	XXRDHIK06 XXRDSIK06 XXRDHIK08 XXRDSIK08	WT, BK, GP, RS, TH, VL
			6' Glass Panel Accessory Infill Kit	XXGLIK06	WT, BK, GP, RS, TH, VL

ACCESSORIES	COMPONENT	ITEM #	COMPONENT	ITEM #
	Transcend Bracket Template—Horizontal (36" and 42") - Composite Sleeve	TSCTEMP4X4SLEEVE	Mounting Hardware for Cut Rails—Horizontal Mounting Hardware for Cut Rails—Stair Transcend RSB Bracket Pack—Horizontal (24/box) Transcend RSB Bracket Pack—Stair (24/box)	XXHZACCYKIT XXSTACCYKIT TSHBRACKET TSSBRACKET
	Foot Block	XXFTBLKPC	0 Degree Rail Gasket Pack—Horizontal 0 Degree Rail Gasket Pack—Stair 22.5 Degree Gasket Pack 45 Degree Birdsmouth Gasket Pack *(for 4x4)* 45 Degree Gasket Pack *(for 6x6)*	XX00HGASK XX00SGASK XX22HGASK XX45RSBADAPK WT45HGASK

Trex Select® Railing

Trex Select is a 3-step process. Choose Trex post sleeves, caps and skirts (steps 1 & 2) and a rail kit (step 3).

STEP	COMPONENT		DESCRIPTION	ITEM #
3	Rail & Round Aluminum Baluster Kit *(includes top rail, bottom rail, round aluminum balusters, adjustable foot block and hardware pack)* *Available in WT rails with aluminum balusters in BK.* *Dimensions are nominals. See below for actuals and metrics.* 6' x 36": 67.5 in x 36 in (171 cm x 914 mm) 6' x 42": 67.5 in x 42 in (171 cm x 106 cm) 8' x 36": 91.5 in x 36 in (232 cm x 914 mm) 8' x 42": 91.5 in x 42 in (232 cm x 106 cm)		6' x 36" Rail & Baluster Kit—Horizontal 6' x 36" Rail & Baluster Kit—Stair 8' x 36" Rail & Baluster Kit—Horizontal 8' x 36" Rail & Baluster Kit—Stair	WTRD0636HSELK WTRD0636SSELK WTRD0836HSELK WTRD0836SSELK
			6' x 42" Rail & Baluster Kit—Horizontal 8' x 42" Rail & Baluster Kit—Horizontal 8' x 42" Rail & Baluster Kit—Stair	WTRD0642HSELK WTRD0842HSELK WTRD0842SSELK

ACCESSORIES	COMPONENT	ITEM #
	Mounting Hardware for Cut Rails—Horizontal (10 kits/box) Mounting Hardware for Cut Rails—Stair (10 kits/box)	BKENHZBKT BKENSTBKT
	Trex Select 8' Aluminum Rail Stiffener	SELALRAILSTIFFENER

XX = COLOR PREFIX

Composite Colors

WT Classic White
BK Charcoal Black
GP Gravel Path
RS Rope Swing
TH Tree House
VL Vintage Lantern

Trex® Outdoor Lighting™

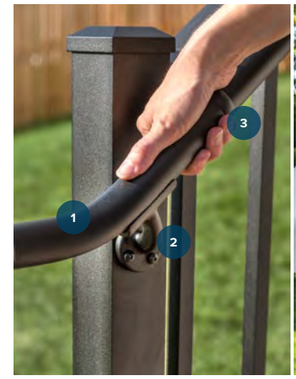
COMPONENT & DESCRIPTION		ITEM #
Flat Post Cap Light » 4" x 4" LED Post Cap Light [4.55 in x 4.55 in (115 mm x 115 mm) actual internal dimensions] Use with Trex 4 in Composite Railing Posts » 5.5 ft (1.67 m) Male LightHub® Lead		BKSQLEDCAP4X4C WTSQLEDCAP4X4C THSQLEDCAP4X4C VLSQLEDCAP4X4C GPSQLEDCAP4X4C RSSQLEDCAP4X4C
Aluminum Post Cap Light » 2.5" x 2.5" LED Aluminum Post Cap Light [2.6 in x 2.6 in (66 mm x 66 mm) actual internal dimensions] Use with Trex 2.5 in Aluminum Railing Posts » 5.5 ft (1.67 m) Male LightHub® Lead		BKALCAPLED25 BZALCAPLED25 WTALCAPLED25
Aluminum Deck Rail Light » LED Deck Rail Light [2.75 in (69 mm) OD] » 5.5 ft (1.67 m) Male LightHub® Lead		BKLAMPLEDC BZLAMPLEDC WTLAMPLEDC
Aluminum Wedge Deck Rail Light » LED Wedge Deck Rail Light [1.875 in wide x 3 in high (47 mm x 76 mm) actual dimensions] Compatible with all Trex Railing Posts » 5.5 ft (1.67 m) Male LightHub® Lead		BKALPOSTLAMPLED BZALPOSTLAMPLED WTALPOSTLAMPLED
Aluminum Stair Riser Light » 4 LED Riser Lights [1.25 in (31 mm) OD] » 5.5 ft (1.67 m) Male LightHub® Lead		BKRISERLED4PKC BZRISERLED4PKC WTRISERLED4PKC
Recessed Deck Light » 4 LED Recessed Lights [1 in (25 mm) OD] » 5.5 ft (1.67 m) Male LightHub® Lead		RECESSLED4PKC

ACCESSORIES		ITEM #
Transformer with Timer » Output Voltage: 12VDC » Output Power: 100W or 30W » Output Current: 8.3A or 2.5A » Photo-Activated Timer » 20 ft (6.09 m) LightHub® Wire Extension Cable		8.3A, 100W: DIMMABLE 83DLTRANSFORMERCC 2.5A, 30W: 25DLTRANSFORMER
Multi-zone Transformer Adapter		DL5TFSPLIT1PK
Dimmer » Single Channel with Remote		DLDIMMER
Wifi Lighting Controller		DLWiFiC
Forstner Bit » Pack of 6 » 1 in (25 mm)		DLBIT6PK
LightHub® Accessories » 3-Way Splitter » 6-Way Splitter » 5 ft (1.52 m) Wire Extension Cable » 10 ft (3.04 m) Wire Extension Cable » 20 ft (6.09 m) Wire Extension Cable » 40 ft (12.19 m) Wire Extension Cable » 60 ft (18.28 m) Wire Extension Cable » Female to Female Adapter		DL3SPLIT6PK DL6SPLIT4PK DL5FTWR4PK DL10FTWR4PK DL20FTWR4PK DL40FTWR2PK DL60FTWR1PK DLFADAP6PK

Trex Aluminum ADA-Compliant Handrail

COMPONENT	ITEM #
1.375 in x 8 ft (34 mm x 243 cm) Hand Rail	XXALADARAIL8
Wall Return 90°	XXALADA90WR2G
Wall Mount	XXALADAWMNT2G
Corner Mount	XXALADAICORNER2G
Post Return ("Candy Cane")	XXALADA180CCANE
5° Elbow	XXALADA05ELB
31° Elbow	XXALADA31ELB
34° Elbow	XXALADA34ELB
36° Elbow	XXALADA36ELB
90° Inside/Outside Elbow	XXALADA90ELB2G
Adjustable ADA Elbow	XXALADAADJELB
Straight 4 in (101 mm) Internal Connector	XXALINTCONN
Inline Rail Termination Adapter	XXALADAINLINE
Rail End Cap	XXALADACAP
Aluminum Collar	XXALADACLR

All Trex ADA handrail components are made of powder-coated aluminum.
For detailed installation instructions, visit trex.com/2022





1 36° Elbow 

2 Wall Mount 

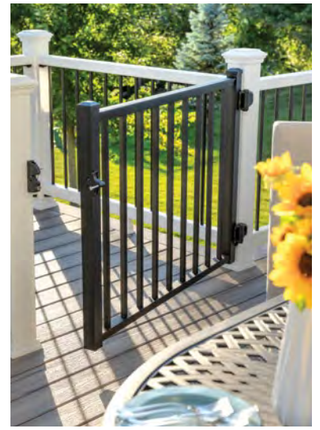
3 Aluminum Collar 

4 Wall Return 90° 

5 Hand Rail 

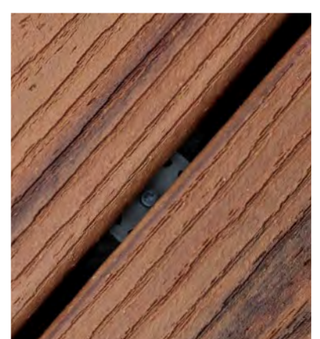
Trex Aluminum Gates

COMPONENT	DESCRIPTION	ITEM #
Gate Rail Kit *Available in all aluminum colors (WT, BZ and BK).* *When ordering, refer to prefix codes at the bottom of this page.*	36" Rail Height, Square Balusters, Adjustable up to 48" wide opening 36" Rail Height, Round Balusters, Adjustable up to 48" wide opening 42" Rail Height, Square Balusters, Adjustable up to 48" wide opening 42" Rail Height, Round Balusters, Adjustable up to 48" wide opening [Actual height 36" Rail: 36 in (914 mm); 42" Rail: 42 in (106 cm) Actual width is 47.5 in (120 cm) but can be cut to fit any width.]	XX36SQADJGATE XX36RDADJGATE XX42SQADJGATE XX42RDADJGATE
Hardware Pack Hardware for attachment to wood post with composite sleeve or aluminum posts	2 Adjustable Self-Closing Hinges 1 Locking Hasp With Keys 	BKGATEHW



Trex Hideaway® Hidden Fastening System

COMPONENT		DESCRIPTION	ITEM #
Universal Fastener (glass-filled nylon)		50 sq. ft (4.6 sq. m) box 500 sq. ft (46.5 sq. m) bucket	UNIVCONCLIP DA00002
Universal Starter Clip		400 sq. ft (37 sq. m) bag	UNIVSTARTCLIP
Router Bit		Router Bit	ROUTBIT
Universal Fastener Installation Tool		Universal Fastener Installation Tool	ONESTEPTL



XX = COLOR PREFIX

WT Classic White BZ Bronze BK Charcoal Black

TREX® DECKING, FASCIA & CLADDING LIMITED WARRANTY

Trex Company, Inc. (hereinafter "Trex") warrants to the original end-use purchaser ("Purchaser") that, for the applicable Warranty Period set forth in Table I below, when properly installed, used and maintained under normal use and service conditions and in accordance with Trex's written instructions, Trex® product set forth in Table I below (the "Product") shall perform as follows:

Physical Integrity: The Product shall be free from material defects in workmanship and materials, and shall not split, splinter, rot or suffer structural damage from termites or fungal decay.

Fade Resistance: The Product shall not fade in color from light and weathering exposure as measured by color change of (a) more than 5 Delta E (CIE) units for twenty-five years from the date of original purchase, and (b) more than 15 Delta E (CIE) units for the remainder of the Warranty Period, if any.

While the Product is designed to resist fading, no material is fade proof when exposed to years of UV exposure and the elements. The Product is designed to resist fading under normal weather conditions and will not fade by more than the number of Delta E (CIE) units indicated above.

Stain Resistance: The Product shall be resistant to permanent staining resulting from spills of food and beverage items including ketchup, mustard, salad oils, tea, wine, coffee, fruit punch, barbeque sauce, sodas and other food and beverage related items that would typically be present on a residential deck, or mold and mildew naturally occurring in the environment, provided that such substances are removed from the Product with soap and water within one (1) week of exposure of the food or beverage to the surface or first appearance of the mold and mildew. Cleaning procedures are described in the Care & Cleaning Guide at www.trex.com.

Notwithstanding the foregoing, Trex does not warrant that the Product is stain-proof and does not warrant stain resistance resulting from spilled or otherwise applied food and beverage substances which are not properly cleaned as provided above within one (1) week of exposure. In addition, materials not covered in this stain resistance section of this Limited Warranty include abrasive compounds of acidic or basic pH, paints or stains, strong solvents, metallic rust or other abnormal deck use items, and non-food and non-beverage substances, including but not limited to, biocides, fungicides, plant food, bactericides, cement, concrete, mortar, stucco and colored chalk. Mold and mildew can settle and grow on any outdoor surface, including this Product. You should periodically clean your deck to remove dirt and pollen that can feed mold and mildew. This Limited Warranty does not cover mold and mildew which is not properly cleaned as provided above within one (1) week of first appearance.

Residential/Commercial Application: For purposes of this Limited Warranty, a "residential application" shall refer to an installation of the Product on an individual residence, and a "commercial application" shall refer to any installation of the Product other than on an individual residence.

Term of Limited Warranty: The term of this Limited Warranty for a Product (the "Warranty Period") begins on the date of original purchase and shall be equal to the number of years set forth next to such Product in Table I below.

TABLE I

Product	Residential Warranty Period	Commercial Warranty Period
Transcend® decking and fascia	50 Years	10 Years
Transcend® cladding	50 Years	25 Years
Select® decking and fascia, Universal fascia	35 Years	10 Years
Enhance® decking and fascia	25 Years	10 Years

Transferability: With respect to a residential application, this Limited Warranty may be transferred one (1) time, within the five (5) year period beginning from the date of original purchase by the Purchaser, to a subsequent buyer of the property upon which the Product was originally installed. With respect to a commercial application, this Limited Warranty is freely transferable to subsequent buyers of the property upon which the Product was originally installed.

EXCLUSIONS FROM WARRANTY COVERAGE

The Products must be stored, handled, installed, used and maintained in accordance with instructions provided by Trex, and this Limited Warranty is conditioned upon compliance with all such instructions. Copies of Trex's Installation Guides, Technical Information and Care and Cleaning Guides are available from Trex at the address listed below. The materials may also be obtained on Trex's website at trex.com.

Any information or suggestion by Trex with respect to the Products concerning applications, specifications or compliance with codes and standards, including building or safety codes, is provided solely for Purchaser's convenient reference and is made without any representation as to accuracy or suitability. Purchaser must verify and test the suitability of any information with respect to the Products for Purchaser's specific application.

This Limited Warranty does not cover defects caused by:

Exposure to Heat: Direct or indirect contact with extreme heat sources (over 275°F/135°C) may cause fading and may damage the surface of the Product, and any effects of such exposure are expressly excluded from coverage under this Limited Warranty.

Surface Damage: Never use metal shovels or sharp-edged tools to remove snow and ice on the surface of the Product. If the surface of the Product is damaged or punctured, this Limited Warranty will be voided.

Paint or Other Materials Applied to the Product: If paint, solvents or other coating materials are applied to the Product, this Limited Warranty will be voided.

Other Exclusions: This Limited Warranty shall not cover any condition attributable to: (1) improper installation of the Product and/or failure to abide by Trex's installation guidelines, including but not limited to improper gapping; (2) use of the Product beyond normal use or service conditions, or in an application not recommended by Trex's guidelines and local building codes; (3) movement, distortion, collapse or settling of the ground or the supporting structure on which the Product is installed; (4) any act of God (such as flooding, hurricane, earthquake, lightning, etc.), environmental condition (such as air pollution, mold, mildew, etc.), staining from foreign substances other than food and beverages (such as dirt, grease, oil, etc.); (5) improper handling, storage, abuse or neglect of the Product by Purchaser, the transferee or third parties; (6) any fading or staining not on the walking surface of the Product (i.e., the underside or the ends of the Product); or (7) ordinary wear and tear.

Excluded Products: This Warranty shall not apply to any Trex products not listed in Table I, including, but not limited to, Trex Transcend® railing, Trex Enhance® railing, Trex Select® railing, Trex Signature® railing, Trex Decklighting™ products, TrexTrim™ products, Trex® outdoor lighting products, Trex Hideaway® Fasteners, and Trex® fencing, which are excluded from this Limited Warranty. Each of these products has a separate Limited Warranty.

PROCEDURE FOR MAKING A CLAIM UNDER THIS LIMITED WARRANTY

To make a claim under this Limited Warranty, Purchaser must do the following:

1. If the Purchaser is making a claim relating to the Limited Warranty on stain resistance, Purchaser must do as follows:

(a) Purchaser must try to clean the affected area of the deck by using the cleaning procedures described above (and provided in more detail in the Care & Cleaning Guide found at www.trex.com) within one (1) week of exposure of the food or beverage to the Product or first appearance of the mold and mildew.

(b) If the affected area remains reasonably unsatisfactory after Purchaser has tried these cleaning procedures, then Purchaser must have the affected area of the deck professionally cleaned at Purchaser's expense.

(c) If the affected area remains reasonably unsatisfactory after the professional cleaning, Purchaser may make a claim under this Limited Warranty, provided that such claim is made within thirty (30) days after the professional cleaning.

2. To make a claim under this Limited Warranty, Purchaser, or the transferee, shall send to Trex, within the Warranty Period referred to above, a written description and photographs of the claimed defect, proof of purchase, and if the claim relates to the Limited Warranty on stain resistance, proof of compliance with paragraph 1 above, to the following address:

Trex Company, Inc.
Customer Relations
160 Exeter Drive
Winchester, VA 22603-8605

3. Upon confirmation by an authorized Trex representative of a valid claim hereunder, Trex's sole responsibility shall be, at its option, to either: (a) replace the affected Product with new Product in an amount equal to the volume (linear feet) of defective material; or (b) refund the portion of the purchase price paid by Purchaser for such affected Product (not including the cost of its initial installation). Replacement Products will be as close in color, design, and quality to the original Products as reasonably possible, in Trex's discretion and determination, but Trex does not guarantee an exact match as colors and designs may change and Trex's obligation as to replacement shall further be limited to replacement with the styles and colors of the Product that are available at the time of the replacement. **THE REMEDIES STATED IN THIS PARAGRAPH ARE PURCHASER'S SOLE AND EXCLUSIVE REMEDIES FOR ANY PRODUCT THAT FAILS TO CONFORM TO THIS LIMITED WARRANTY.**

If a valid warranty claim hereunder is made during year eleven (11) or any year thereafter through the expiration of the applicable Warranty Period after the original purchase, recovery will be prorated in accordance with Table II, below. If Trex is providing replacement materials, it may elect to replace the percentage listed in Table II, below, of boards otherwise meeting the requirements for a claim, or if it is refunding the purchase price, it may elect to refund the percentage listed below in Table II of the purchase price of Product otherwise meeting the requirements for a claim.

TABLE II

Year of Claim	Warranty Period		
	50 Year	35 Year	25 Year
11	90%	80%	80%
12	90%	80%	80%
13	90%	80%	80%
14	90%	80%	60%
15	90%	60%	60%
16	90%	60%	60%
17	70%	60%	40%
18	70%	60%	40%
19	70%	40%	40%
20	70%	40%	20%
21	70%	40%	20%
22	70%	40%	20%
23	50%	20%	10%
24	50%	20%	10%
25	50%	20%	10%
26	50%	20%	–
27	50%	20%	–
28	50%	20%	–
29	30%	10%	–
30	30%	10%	–
31	30%	10%	–
32	30%	10%	–
33	30%	10%	–
34	30%	10%	–
35	30%	10%	–
36	20%	–	–
37	20%	–	–
38	20%	–	–
39	20%	–	–
40	20%	–	–
41	20%	–	–
42	20%	–	–
43	10%	–	–
44	10%	–	–
45	10%	–	–
46	10%	–	–
47	10%	–	–
48	10%	–	–
49	10%	–	–
50	10%	–	–

THE LIMITED WARRANTIES SET FORTH HEREIN ARE THE ONLY WARRANTIES MADE BY TREX IN CONNECTION WITH THESE PRODUCTS. TREX DOES NOT MAKE ANY OTHER WARRANTIES, IMPLIED OR EXPRESS, AND DISCLAIMS ALL OTHER WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TREX'S SOLE OBLIGATION UNDER THIS LIMITED WARRANTY SHALL BE, AT ITS OPTION, REPLACEMENT OF NON-CONFORMING PRODUCTS OR A REFUND OF THE PURCHASE PRICE, AS DESCRIBED ABOVE. PURCHASER ASSUMES ALL RISK WHATSOEVER AS TO THE RESULT OF THE USE OF THE PRODUCTS PURCHASED, WHETHER USED SINGULARLY OR IN COMBINATION WITH ANY OTHER PRODUCTS OR SUBSTANCES.

THIS LIMITED WARRANTY SHALL NOT COVER AND TREX SHALL NOT BE RESPONSIBLE FOR COSTS AND EXPENSES INCURRED WITH RESPECT TO THE REMOVAL OF DEFECTIVE PRODUCT OR THE INSTALLATION OF REPLACEMENT MATERIALS, INCLUDING BUT NOT LIMITED TO LABOR AND FREIGHT.

No person or entity is authorized by Trex to make and Trex shall not be bound by any statement or representation as to the quality or performance of Product other than as contained in this Limited Warranty. This Limited Warranty may not be altered or amended except in a written instrument signed by Trex and Purchaser.

TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, UNDER NO CIRCUMSTANCES WILL TREX BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL, RELIANCE, STATUTORY, SPECIAL, PUNITIVE OR EXEMPLARY DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, LOSS OF USE, LOSS OF TIME, LOSS OF REVENUES, INCONVENIENCE, LOSS OF BUSINESS OPPORTUNITIES, OR DAMAGE TO GOOD WILL OR REPUTATION DAMAGES, WHETHER SUCH DAMAGES ARE SOUGHT IN CONTRACT, IN TORT (INCLUDING BUT NOT LIMITED TO NEGLIGENCE AND STRICT LIABILITY) OR OTHERWISE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR SUCH DAMAGES COULD HAVE BEEN REASONABLY FORESEEN, IN CONNECTION WITH, ARISING OUT OF, OR AS A RESULT OF, THE SALE, DELIVERY, INSTALLATION, USE OR LOSS OF USE OF THE PRODUCTS SOLD HEREUNDER, OR FOR ANY LIABILITY OF PURCHASER TO ANY THIRD PARTY WITH RESPECT THERETO AND TREX'S LIABILITY FOR NON-PERSONAL INJURY CLAIMS WITH RESPECT TO DEFECTIVE PRODUCT SHALL IN NO EVENT EXCEED THE REPLACEMENT OF SUCH PRODUCT OR REFUND OF THE PURCHASE PRICE, AS DESCRIBED ABOVE.

Some States or Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from State to State or Province to Province.

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TREX® RAILING AND ANCILLARY PRODUCTS LIMITED WARRANTY

Trex Company, Inc. (hereinafter "Trex") warrants to the original end-use purchaser ("Purchaser") that, for the applicable Warranty Period set forth in Table I below, when properly installed, used and maintained under normal use and service conditions, and in accordance with Trex's written instructions, Trex® product set forth in Table I below (the "Product") shall be free from material defects in workmanship and materials, and shall not split, splinter, rot or suffer structural damage from termites or fungal decay.

Residential/Commercial Application: For purposes of this warranty, a "residential application" shall refer to an installation of the Product on an individual residence, and a "commercial application" shall refer to any installation of the Product other than on an individual residence.

Term of Limited Warranty: The term of this Limited Warranty for a Product (the "Warranty Period") begins on the date of original purchase and shall be equal to the number of years set forth next to such Product in Table I below.

TABLE I

Product	Residential Warranty Period	Commercial Warranty Period
Signature® Railing	25 Years	25 Years
Transcend® Railing, Select® Railing, Enhance® Railing, Trex® Fencing, and TrexTrim™	25 Years	10 Years
DeckLighting™ (LEDs and Housings)	7 Years	7 Years
DeckLighting™ (Transformer, Timer, Dimmer, WiFi Controller)	3 Years	3 Years

Transferability: With respect to a residential application, this warranty may be transferred one (1) time, within the five- (5) year period beginning from the date of original purchase by the Purchaser, to a subsequent buyer of the property upon which the Product was originally installed. With respect to a commercial application, this warranty is freely transferable to subsequent buyers of the property upon which the Product was originally installed.

EXCLUSIONS FROM WARRANTY COVERAGE

Notwithstanding the foregoing, (a) the warranty for Trex® DeckLighting™ Products is valid only in each case provided that a Trex transformer is used (with no warranty on any components if a Trex transformer is not used), and any other DeckLighting™ parts or accessories not listed in Table I above shall not be warranted; (b) this warranty shall not apply to any Trex products not listed in Table I, including, but not limited to Trex decking products, Trex cladding products, Trex fascia products, and Trex fasteners (which each have separate warranties), and (c) with respect to installations where the atmosphere is influenced by a body of salt water (or other contaminant conditions), failure to adhere to the cleaning guidelines available at www.trex.com will void this warranty with respect to any condition resulting from such failure.

The Products must be stored, handled, installed, used and maintained in accordance with instructions provided by Trex, and this Limited Warranty is conditioned upon compliance with all such instructions. Copies of Trex's Installation Guides, Technical Information and Care and Cleaning Guides are available from Trex at the address listed below. The materials may also be obtained on Trex's website at trex.com.

Any information or suggestion by Trex with respect to the Products concerning applications, specifications or compliance with codes and standards, including building or safety codes, is provided solely for Purchaser's convenient reference and is made without any representation as to accuracy or suitability. Purchaser must verify and test the suitability of any information with respect to the Products for Purchaser's specific application.

Trex does not warrant against and is not responsible for any condition attributable to: (1) improper installation of Product and/or failure to abide by Trex's installation guidelines, including but not limited to improper gapping; (2) use of Product beyond normal use and service conditions, or in an application not recommended by Trex's guidelines and local building codes; (3) movement, distortion, collapse or settling of the ground or the supporting structure on which Product is installed; (4) any act of God (such as flooding, hurricane, earthquake, lightning, etc.), environmental condition (such as air pollution, mold, mildew, etc.), staining from foreign substances (such as dirt, grease, oil, etc.), or normal weathering (defined as exposure to sunlight, weather and atmosphere which will cause any colored surface to gradually fade, chalk, or accumulate dirt or stains); (5) variations or changes in color of Product; (6) improper handling, storage, abuse or neglect of Product by Purchaser, the transferee or third parties; or (7) ordinary wear and tear.

PROCEDURE FOR MAKING A CLAIM UNDER THIS LIMITED WARRANTY

To make a claim under this Limited Warranty, Purchaser, or the transferee, shall send to Trex, within the Warranty Period referred to above, a written description and photographs of the claimed defect and proof of purchase, to the following address:

Trex Company, Inc.
Customer Relations
160 Exeter Drive
Winchester, VA 22603-8605

Upon confirmation by an authorized Trex representative of a valid claim hereunder, Trex's sole responsibility shall be, at its option, to either: (a) replace the affected Product with new Product in an amount equal to the amount of defective material; or (b) refund the portion of the purchase price paid by Purchaser for such affected Product (not including the cost of its initial installation). Replacement Products will be as close in color, design, and quality to the original Products as reasonably possible, in Trex's discretion and determination, but Trex does not guarantee an exact match as colors and designs may change and Trex's obligation as to replacement shall further be limited to replacement with the styles and colors of the Product that are available at the time of the replacement.

THE REMEDIES STATED IN THIS PARAGRAPH ARE PURCHASER'S SOLE AND EXCLUSIVE REMEDIES FOR ANY PRODUCT THAT FAILS TO CONFORM TO THIS LIMITED WARRANTY.

If a valid warranty claim hereunder is made during year eleven (11) or any year thereafter through the expiration of the applicable Warranty Period after the original purchase, recovery will be prorated in accordance with Table II, below. If Trex is providing replacement materials, it may elect to replace the percentage listed in Table II, below, of Product otherwise meeting the requirements for a claim, or if it is refunding the purchase price, it may elect to refund the percentage listed below in Table II of the purchase price of Product otherwise meeting the requirements for a claim.

TABLE II

Year of Claim	Recovery
11	80%
12	80%
13	80%
14	60%
15	60%
16	60%
17	40%
18	40%
19	40%
20	20%
21	20%
22	20%
23	10%
24	10%
25	10%

THE LIMITED WARRANTIES SET FORTH HEREIN ARE THE ONLY WARRANTIES MADE BY TREX IN CONNECTION WITH THESE PRODUCTS. TREX DOES NOT MAKE ANY OTHER WARRANTIES, IMPLIED OR EXPRESS, AND DISCLAIMS ALL OTHER WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TREX'S SOLE OBLIGATION UNDER THIS LIMITED WARRANTY SHALL BE, AT ITS OPTION, REPLACEMENT OF NON-CONFORMING PRODUCTS OR A REFUND OF THE PURCHASE PRICE, AS DESCRIBED ABOVE. PURCHASER ASSUMES ALL RISK WHATSOEVER AS TO THE RESULT OF THE USE OF THE PRODUCTS PURCHASED, WHETHER USED SINGULARLY OR IN COMBINATION WITH ANY OTHER PRODUCTS OR SUBSTANCES.

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TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, UNDER NO CIRCUMSTANCES WILL TREX BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL, RELIANCE, STATUTORY, SPECIAL, PUNITIVE OR EXEMPLARY DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, LOSS OF USE, LOSS OF TIME, LOSS OF REVENUES, INCONVENIENCE, LOSS OF BUSINESS OPPORTUNITIES, OR DAMAGE TO GOOD WILL OR REPUTATION DAMAGES, WHETHER SUCH DAMAGES ARE SOUGHT IN CONTRACT, IN TORT (INCLUDING BUT NOT LIMITED TO NEGLIGENCE AND STRICT LIABILITY) OR OTHERWISE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR SUCH DAMAGES COULD HAVE BEEN REASONABLY FORESEEN, IN CONNECTION WITH, ARISING OUT OF, OR AS A RESULT OF, THE SALE, DELIVERY, INSTALLATION, USE OR LOSS OF USE OF THE PRODUCTS SOLD HEREUNDER, OR FOR ANY LIABILITY OF PURCHASER TO ANY THIRD PARTY WITH RESPECT THERETO AND TREX'S LIABILITY FOR NON-PERSONAL INJURY CLAIMS WITH RESPECT TO DEFECTIVE PRODUCT SHALL IN NO EVENT EXCEED THE REPLACEMENT OF SUCH PRODUCT OR REFUND OF THE PURCHASE PRICE, AS DESCRIBED ABOVE.

Some States or Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from State to State or Province to Province.

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front: Transcend Lineage in Biscayne with Signature Rod Rail
back: Transcend Lineage in Carmel

Trex

Engineering What's Next
in Outdoor Living®

DECKING | RAILING | LIGHTING | FASCIA | KITCHENS | FURNITURE | PERGOLA | DRAINAGE
SPIRAL STAIRS | CORNHOLE | LATTICE | CLADDING | HIDDEN FASTENERS | FENCING

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BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD

12650 Detroit Avenue ● (216) 529-6630 ● FAX (216) 529-5907 ● www.lakewoodoh.gov

Application Cover Page

Docket No.: 04-31-23

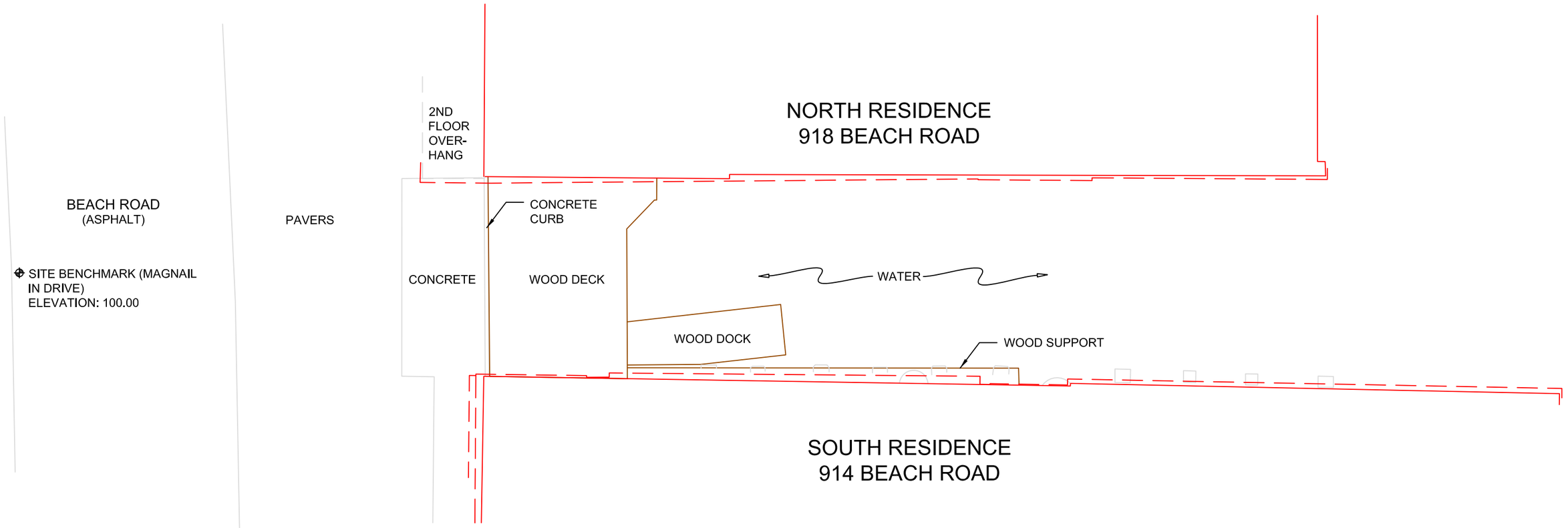
Permit No.: BBS23-000022

Applicant Name: Mark H. Reinhold, Architect

Project Address: 914 Beach Rd.

Project Name: n/a

Project: Applicant proposes the construction of a new home.



Surveyor's Note: A boundary survey was not performed.

Survey By: ES	PROJECT :	REVISIONS				
		No.	Date	Description	By	
Drawn By: ES/MS	20-021 Beach Road Elevations					
		0	1/21/21	Original Issue	MS	

STRAUB SURVEYING, LLC
PROFESSIONAL LASER SCANNING AND SURVEYING SERVICES
12815 DETROIT AVENUE LAKEWOOD, OHIO 44107
PHONE: 440-333-1700 INFO@STRAUBSURVEYING.COM

0 10 20
SCALE of FEET
1" = 10'

Site Plan
910-914 Beach Road, Lakewood, Ohio

C:\1 ACTIVE PROJECTS\20-121 Scan 910-914 Beach Road\Field\Dwg\Current\Site.Dwg

BEACH ROAD
(ASPHALT)

SITE BENCHMARK (MAGNAIL IN DRIVE)
ELEVATION: 100.00

83'-1 3/4"

NORTH RESIDENCE
918 BEACH ROAD

2ND FLOOR OVER-HANG

PAVERS

CONCRETE CURB

19'-8 3/4"

CONCRETE

19'-4"

PROPOSED
RESIDENCE
916 BEACH ROAD
3 STORY FRAME

2 3/4"

WATER

P/L

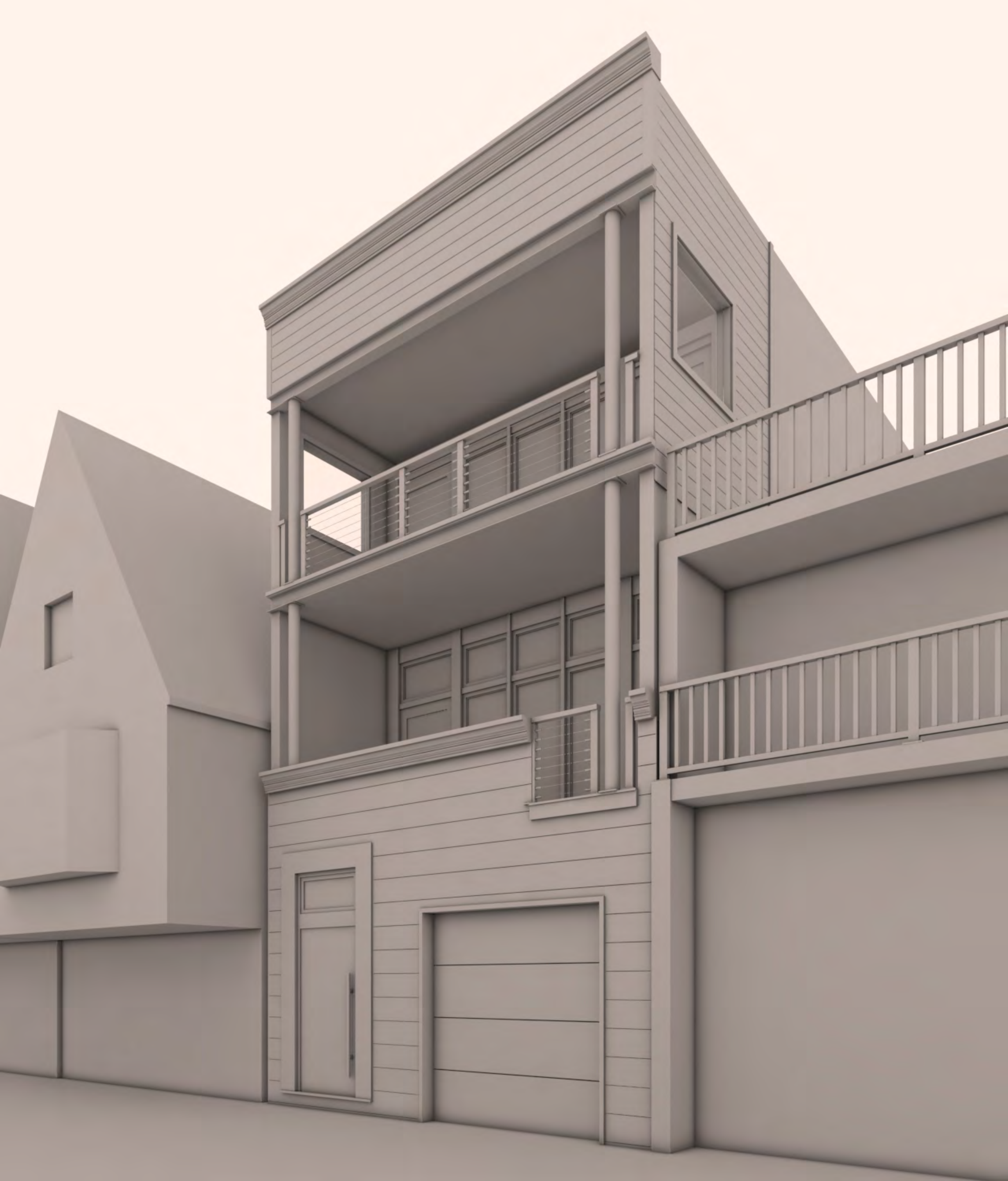
21'-0 1/2"

2 1/2"

1'-9 1/2"

SOUTH RESIDENCE
914 BEACH ROAD

106'

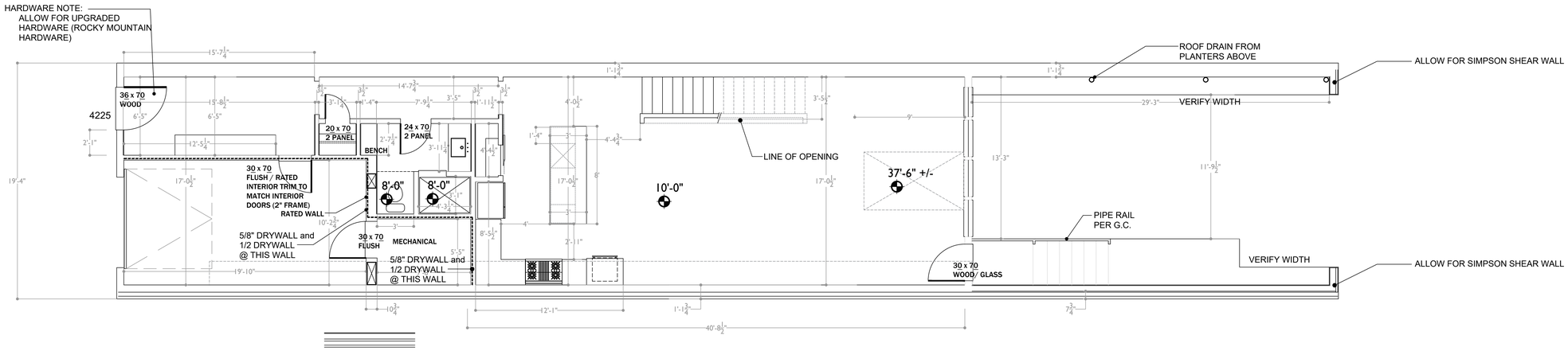


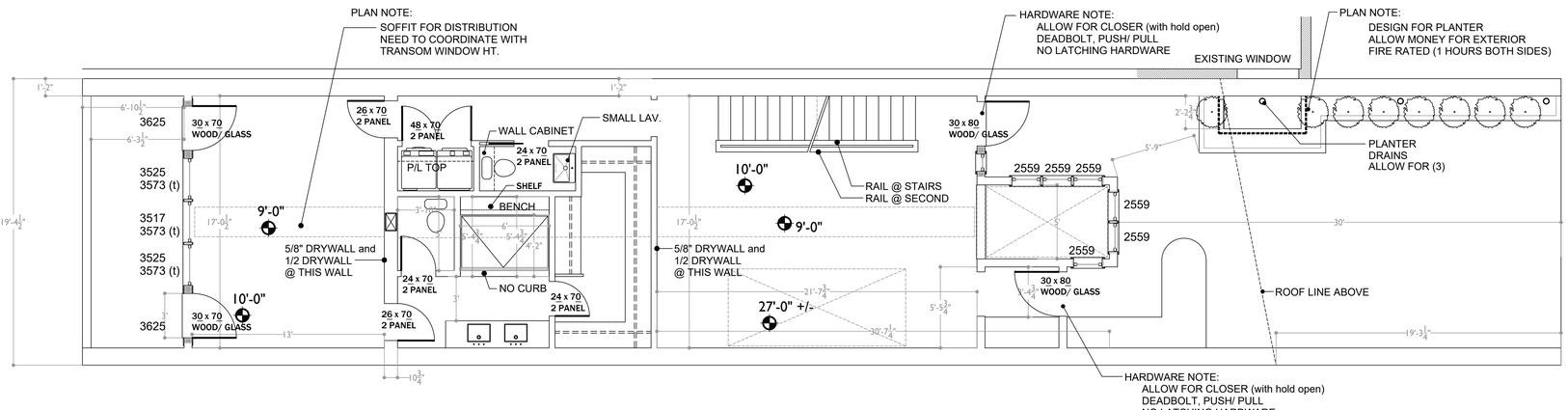


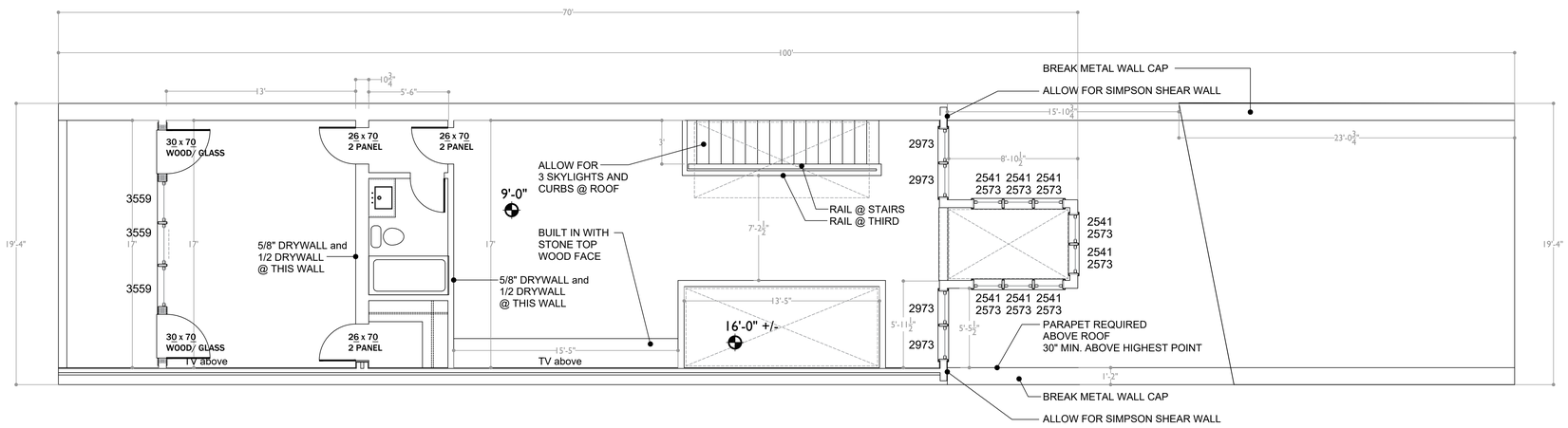












LIST OF DRAWINGS (for pricing only)

FLOOR PLANS 1/4" EQUALS 1'-0"	DD-1
POWER and LIGHTING PLANS 1/4" EQUALS 1'-0"	DD-2
FRAMING PLANS 1/4" EQUALS 1'-0"	DD-3
LONGITUDINAL SECTION (interior facing south) 3/8" EQUALS 1'-0"	DD-4
LONGITUDINAL SECTION (interior facing north) 3/8" EQUALS 1'-0"	DD-5
TRANSVERSE SECTIONS/ INT. ELEVATIONS 3/8" EQUALS 1'-0"	DD-6
FRONT and REAR ELEVATIONS 1/4" EQUALS 1'-0"	DD-7
ZERO LOT LINE INFO SOUTH PROP. LINE 3/8" EQUALS 1'-0"	DD-8
ZERO LOT LINE INFO NORTH PROP. LINE 3/8" EQUALS 1'-0"	DD-9
SIDE EXTERIOR ELEVATIONS 1/4" EQUALS 1'-0"	DD-10
G.C MASONRY WORK 3/8" EQUALS 1'-0"	DD-11

MARK REINHOLD architect

1120 Forest Road, Lakewood, Ohio 44107 (216).906.7097

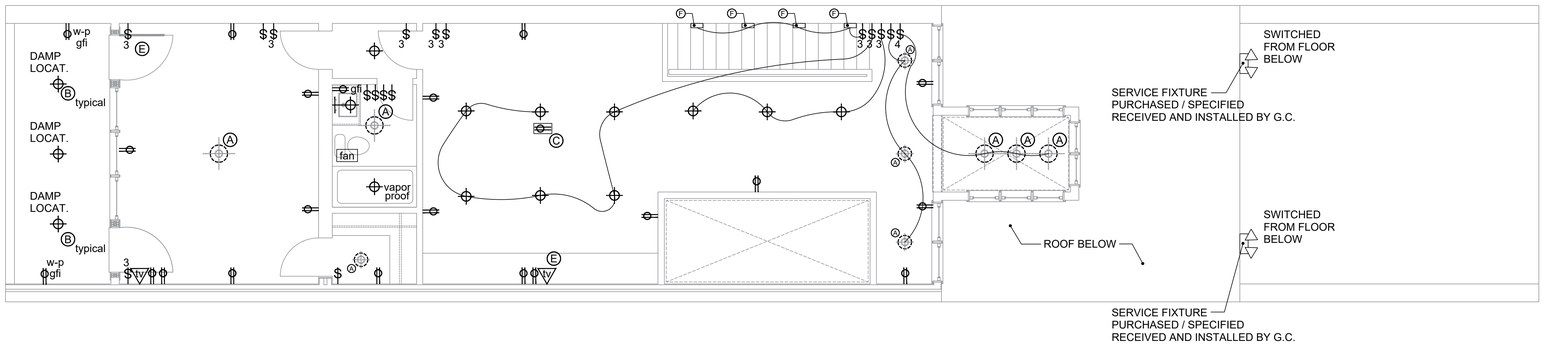
DRAWN FOR: OSTER SERVICES LLC
DATE: 2-27-2023
REVISION: DESIGN DEVELOPMENT

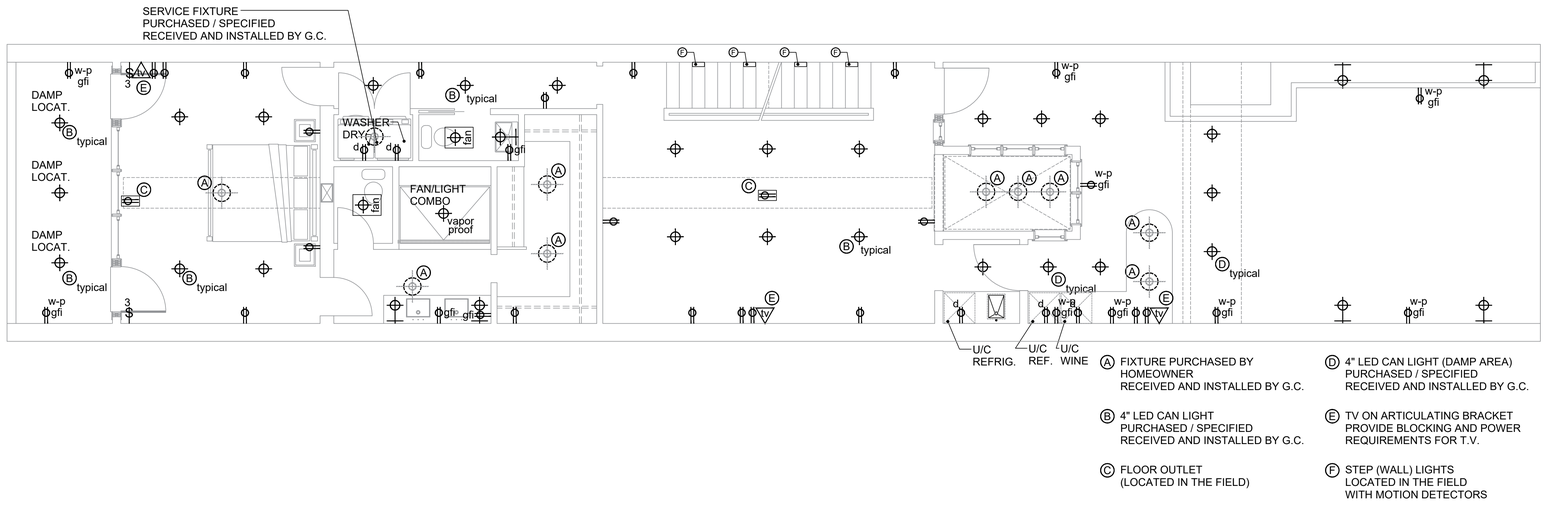
SEAL: STATE OF OHIO REGISTERED ARCHITECT REINHOLD 10840
Mark Reinhold
Ohio # 10840
Expiration Date: 12/30/2023

DIANE FERGUSON RESIDENCE

BEACH ROAD, LAKEWOOD OHIO 44107

SKETCHES DD-1





(A) FIXTURE PURCHASED BY HOMEOWNER RECEIVED AND INSTALLED BY G.C.

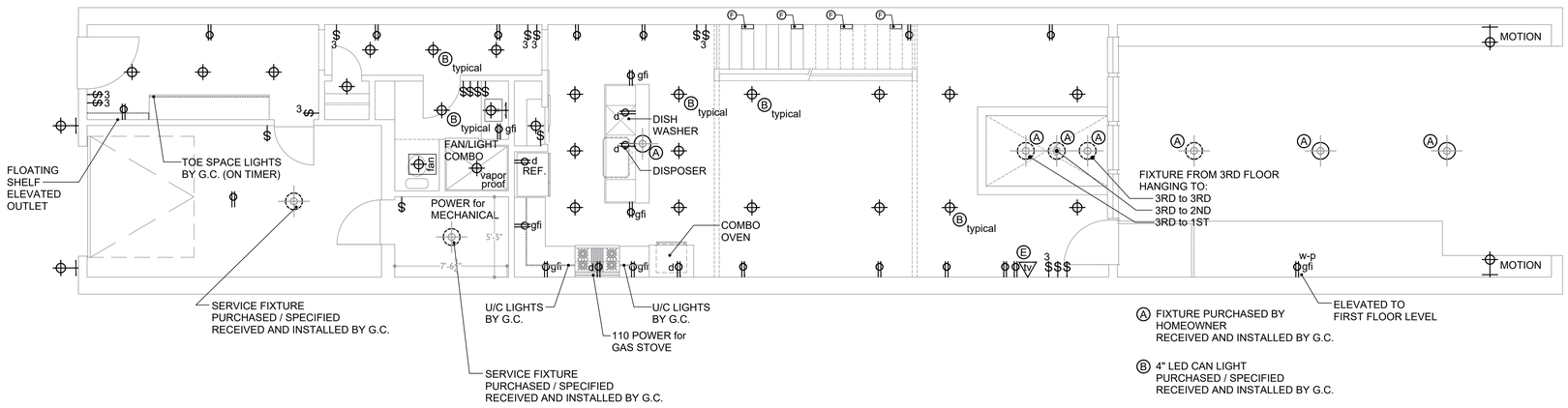
(B) 4" LED CAN LIGHT PURCHASED / SPECIFIED RECEIVED AND INSTALLED BY G.C.

(C) FLOOR OUTLET (LOCATED IN THE FIELD)

(D) 4" LED CAN LIGHT (DAMP AREA) PURCHASED / SPECIFIED RECEIVED AND INSTALLED BY G.C.

(E) TV ON ARTICULATING BRACKET PROVIDE BLOCKING AND POWER REQUIREMENTS FOR T.V.

(F) STEP (WALL) LIGHTS LOCATED IN THE FIELD WITH MOTION DETECTORS



(A) FIXTURE PURCHASED BY HOMEOWNER RECEIVED AND INSTALLED BY G.C.

(B) 4" LED CAN LIGHT PURCHASED / SPECIFIED RECEIVED AND INSTALLED BY G.C.

MARK REINHOLD architect

1120 Forest Road, Lakewood, Ohio 44107 (216).906.7097

OSTER SERVICES LLC

dated: 2-27-2023

revisions:

DESIGN DEVELOPMENT

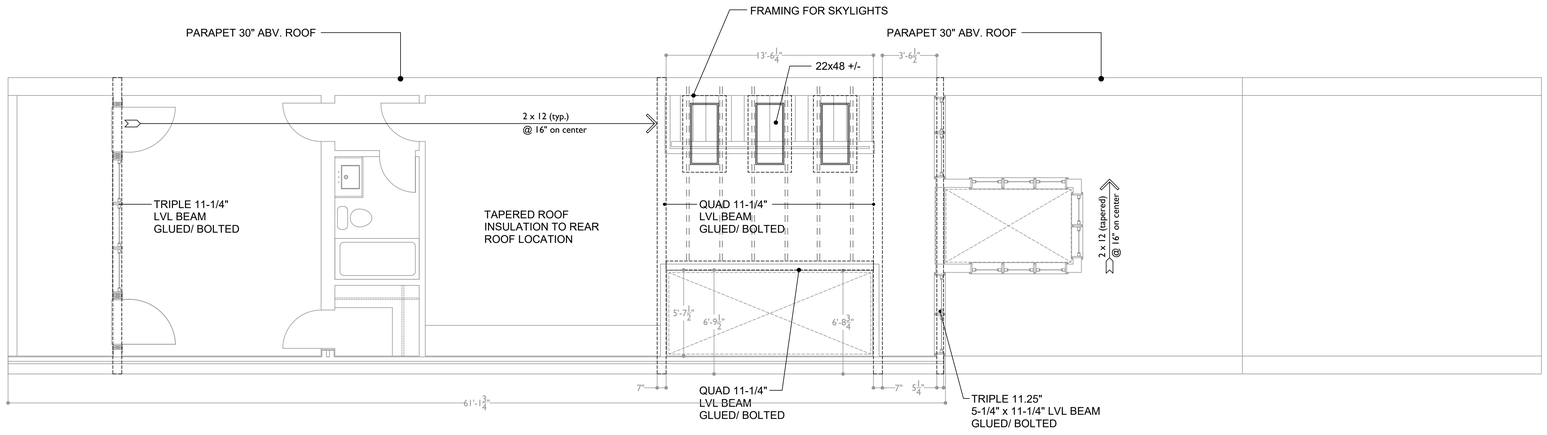
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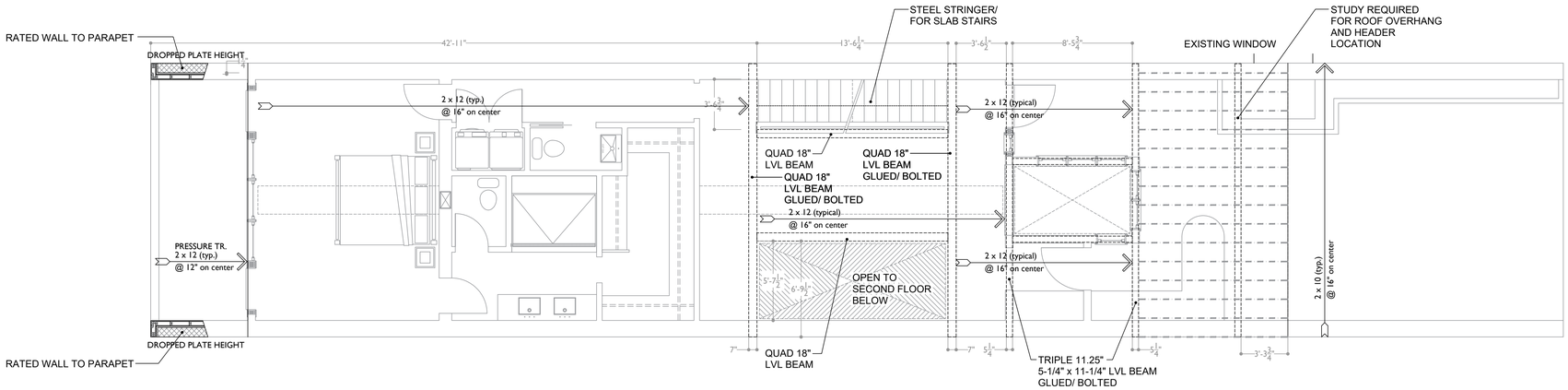
Mark Reinhold
Ohio # 10840
Expiration Date: 12/30/2023

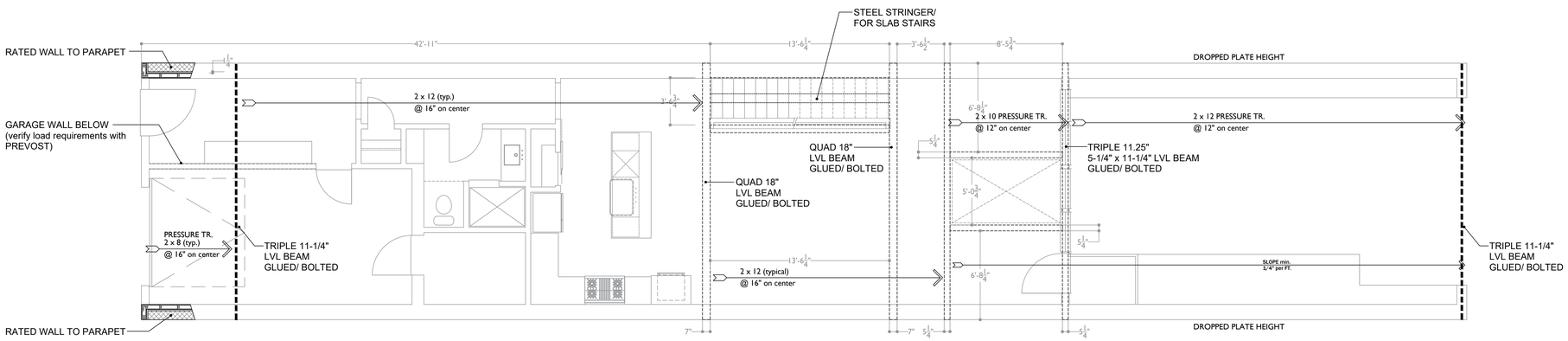
DIANE FERGUSON RESIDENCE

BEACH ROAD, LAKEWOOD OHIO 44107

SKETCHES DD-2







MARK REINHOLD architect
1120 Forest Road, Lakewood, Ohio 44107 (216).906.7097

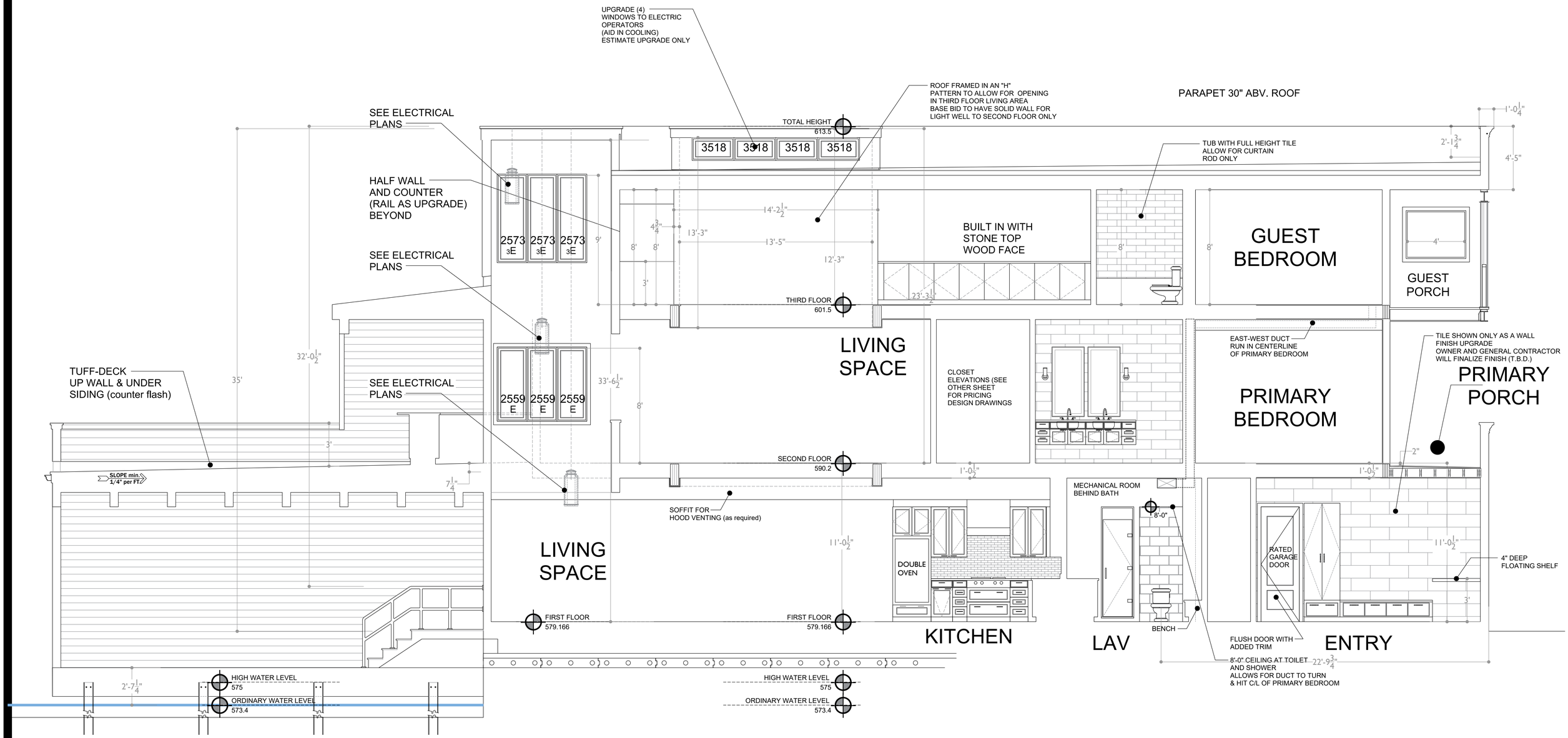
DIANE FERGUSON RESIDENCE

BEACH ROAD, LAKEWOOD OHIO 44107

CONSTRUCTION
OSTER SERVICES LLC
DATE:
2-27-2023
REVISIONS:
PURPOSE:
DESIGN DEVELOPMENT

SEAL:
STATE OF OHIO
REINHOLD
10840
REGISTERED ARCHITECT
Mark Reinhold
Ohio # 10840
Expiration Date: 12/30/2023

SKETCHES DD-3



MARK REINHOLD architect
1120 Forest Road, Lakewood, Ohio 44107 (216).906.7097

OSTER SERVICES LLC

2-27-2023

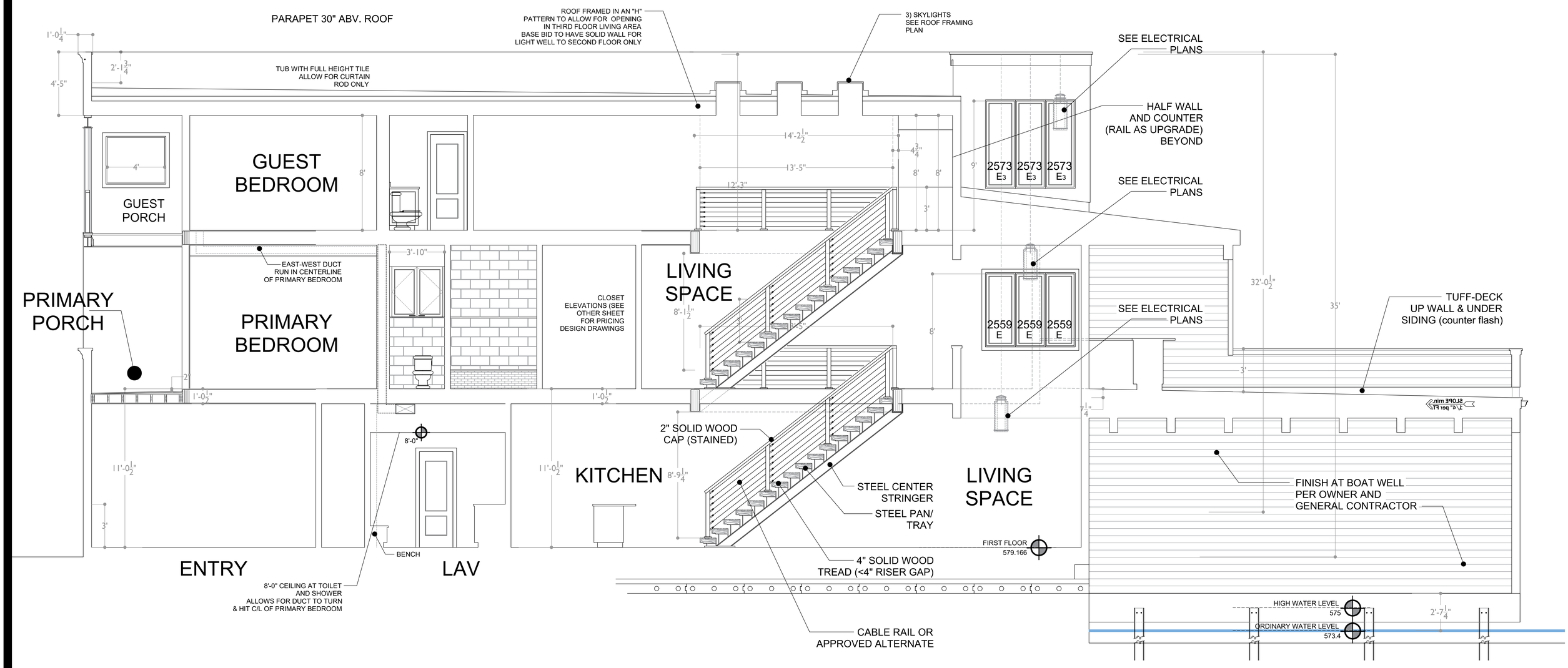
DESIGN DEVELOPMENT

SEAL: STATE OF OHIO REINHOLD 10840 REGISTERED ARCHITECT
Mark Reinhold
Ohio # 10840
Expiration Date: 12/30/2023

DIANE FERGUSON RESIDENCE

BEACH ROAD, LAKEWOOD OHIO 44107

SKETCHES DD-4



MARK REINHOLD architect

1120 Forest Road, Lakewood, Ohio 44107 (216).906.7097

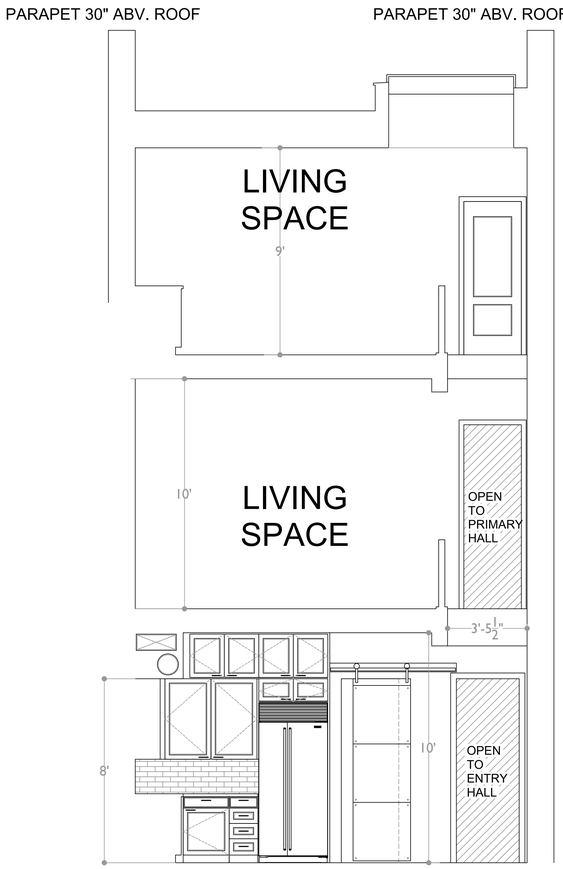
DIANE FERGUSON RESIDENCE

BEACH ROAD, LAKEWOOD OHIO 44107

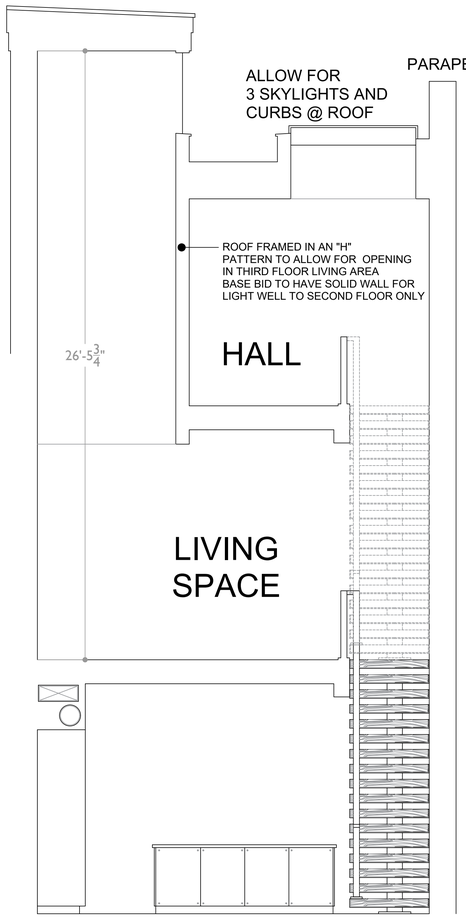
OWNER SERVICES LLC
DATE 2-27-2023
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SEAL: STATE OF OHIO REINHOLD 10840 REGISTERED ARCHITECT
Mark Reinhold
Ohio # 10840
Expiration Date: 12/30/2023

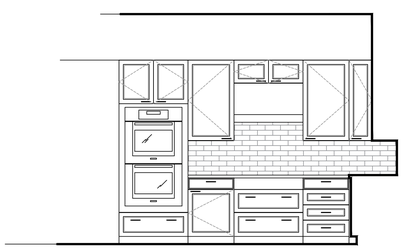
SKETCHES DD-5



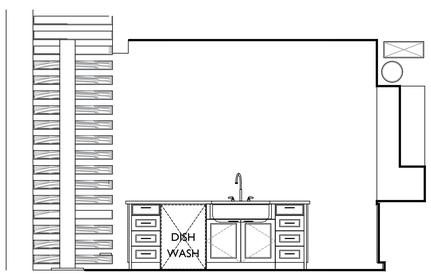
KITCHEN



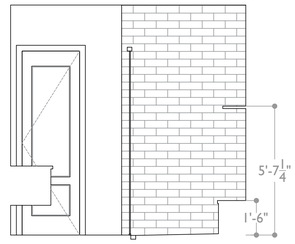
KITCHEN



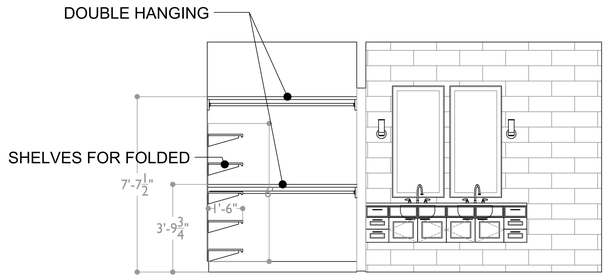
KITCHEN



KITCHEN

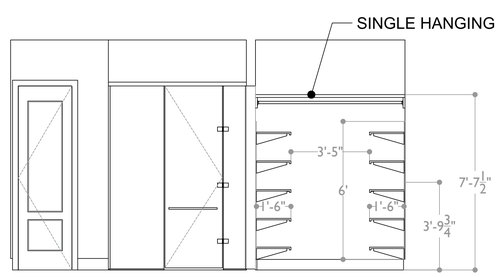


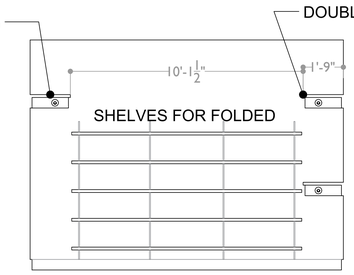
PRIMARY BATH
CUT THRU SHOWER
LOOKING TO CLOSET



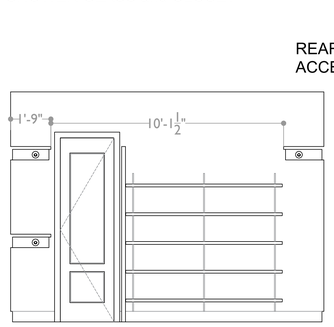
CLOSET

PRIMARY BATH
VANITY

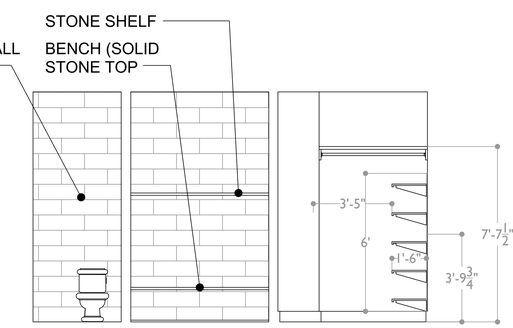




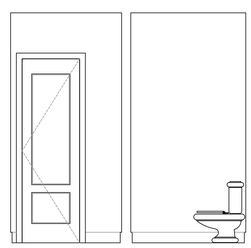
PRIMARY BATH
LOOKING AT LAV DOOR
SHOWER GLASS and CLOSET



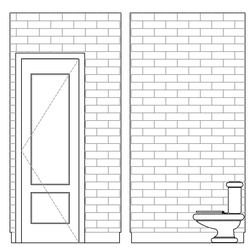
PRIMARY CLOSET



LAV SHOWER CL.



LAV



LAV
UPGRADE VIEW TO TILE ALL THE PRIMARY SPACE

MARK REINHOLD architect
1120 Forest Road, Lakewood, Ohio 44107 (216).906.7097

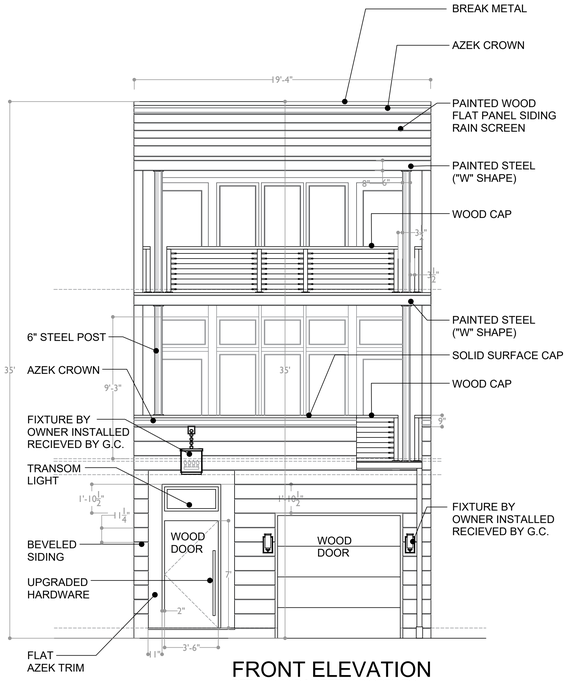
DIANE FERGUSON RESIDENCE

BEACH ROAD, LAKEWOOD OHIO 44107

OSTER SERVICES LLC
date: 2-27-2023
DESIGN DEVELOPMENT

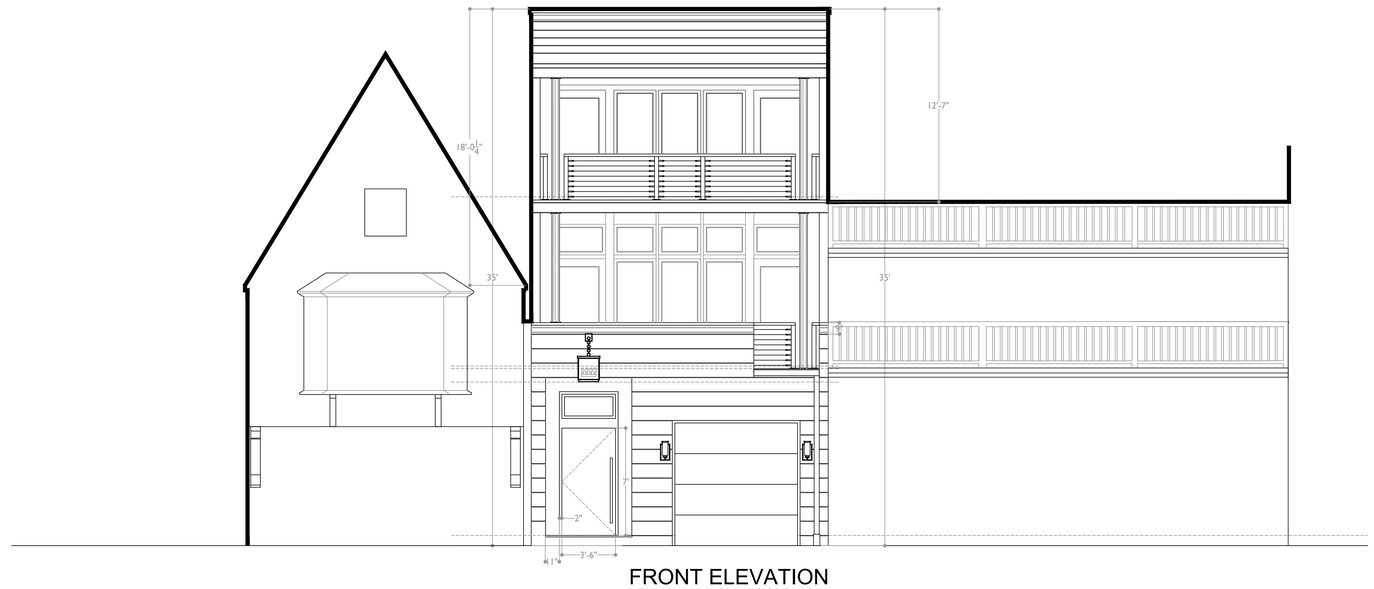
SEAL: STATE OF OHIO REINHOLD 10840 REGISTERED ARCHITECT
Mark Reinhold
Ohio # 10840
Expiration Date: 12/30/2023

SKETCHES DD-6



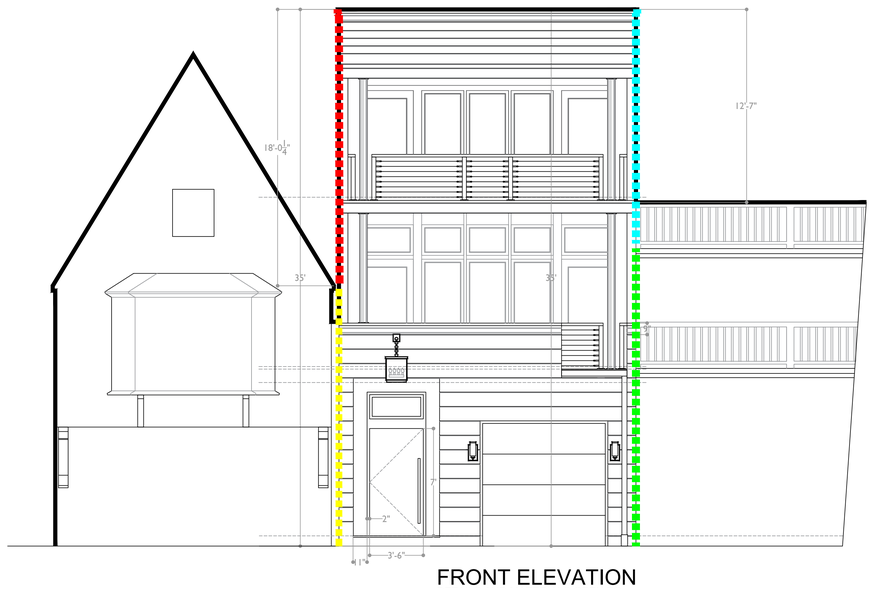
FRONT ELEVATION

DETAILS AND MATERIALS OPEN TO
DISCUSSION / APPROVAL



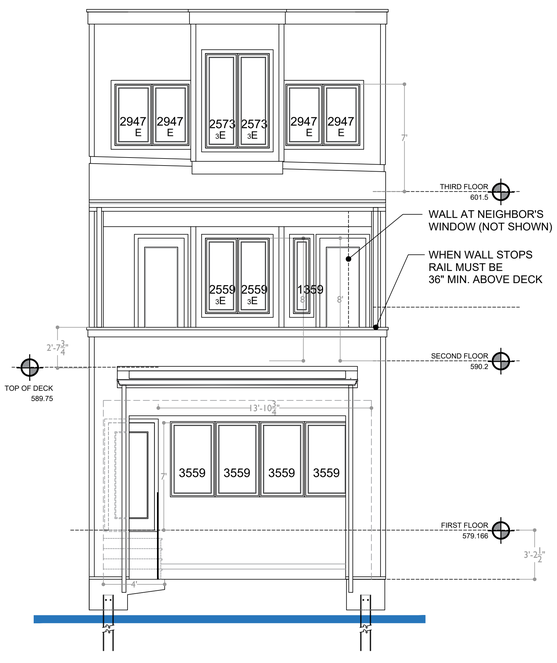
FRONT ELEVATION

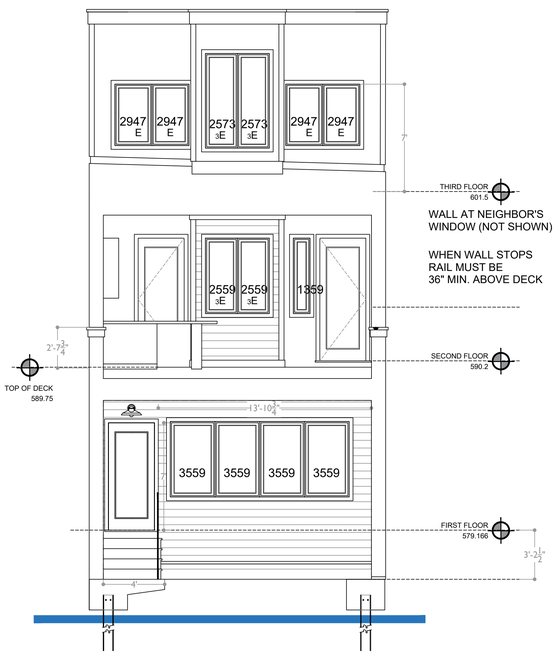
DETAILS AND MATERIALS OPEN TO
DISCUSSION / APPROVAL



FRONT ELEVATION

DETAILS AND MATERIALS OPEN TO





MARK REINHOLD architect

1120 Forest Road, Lakewood, Ohio 44107 (216).906.7097

CONSTRUCTION
OSTER SERVICES LLC

DATE
2-27-2023

REVISION:

DESIGN
DESIGN DEVELOPMENT

SEAL:
STATE OF OHIO
REINHOLD
10840
REGISTERED ARCHITECT

Mark Reinhold
Ohio # 10840
Expiration Date: 12/30/2023

DIANE FERGUSON RESIDENCE

BEACH ROAD, LAKEWOOD OHIO 44107

SKETCHES DD-7

150 square feet
PAINTED RAINSCREEN
SIDING TO MATCH FRONT

905 square feet
OPEN DUE TO ROOF SLOPE
OR OPEN TO AIR

FERGUSON BUILDING
TO THE SOUTH

1890 square feet
IMMEDIATLY ADJACENT
TO BUILDING TO THE NORTH

RE-BAR @ 32" ON CENTER
(PREVOST)

4" TOPPING
COAT (PREVOST)

8" PRE-STRESSED
CONCRETE PLANK

CONCRETE BEAM
BY PREVOST

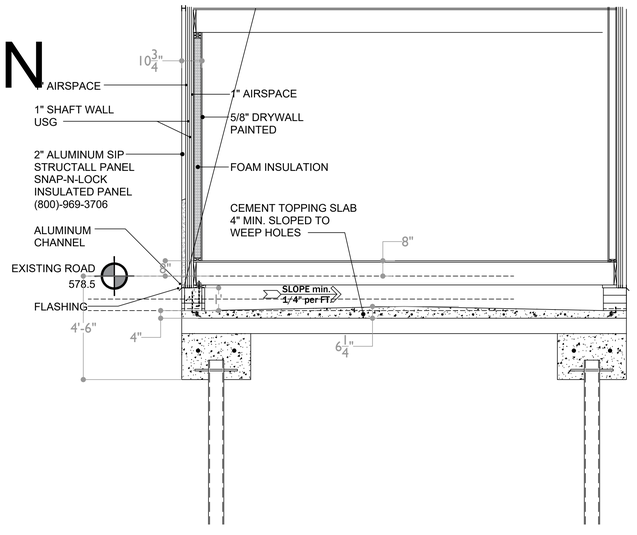
DRIVEN
STEEL PIER

1'-0" TALL
CONCRETE BLOCK
"CRAWLSPACE" RISER

TOTAL HEIGHT 613.5
THIRD FLOOR 601.5
SECOND FLOOR 590.2
FIRST FLOOR 579.166
EXISTING ROAD 578.5
HIGH WATER LEVEL 575
ORDINARY WATER LEVEL 573.4

579
578
577
576
575
574
573
572

SOUTH ELEVATION



MARK REINHOLD architect

1120 Forest Road, Lakewood, Ohio 44107 (216).906.7097

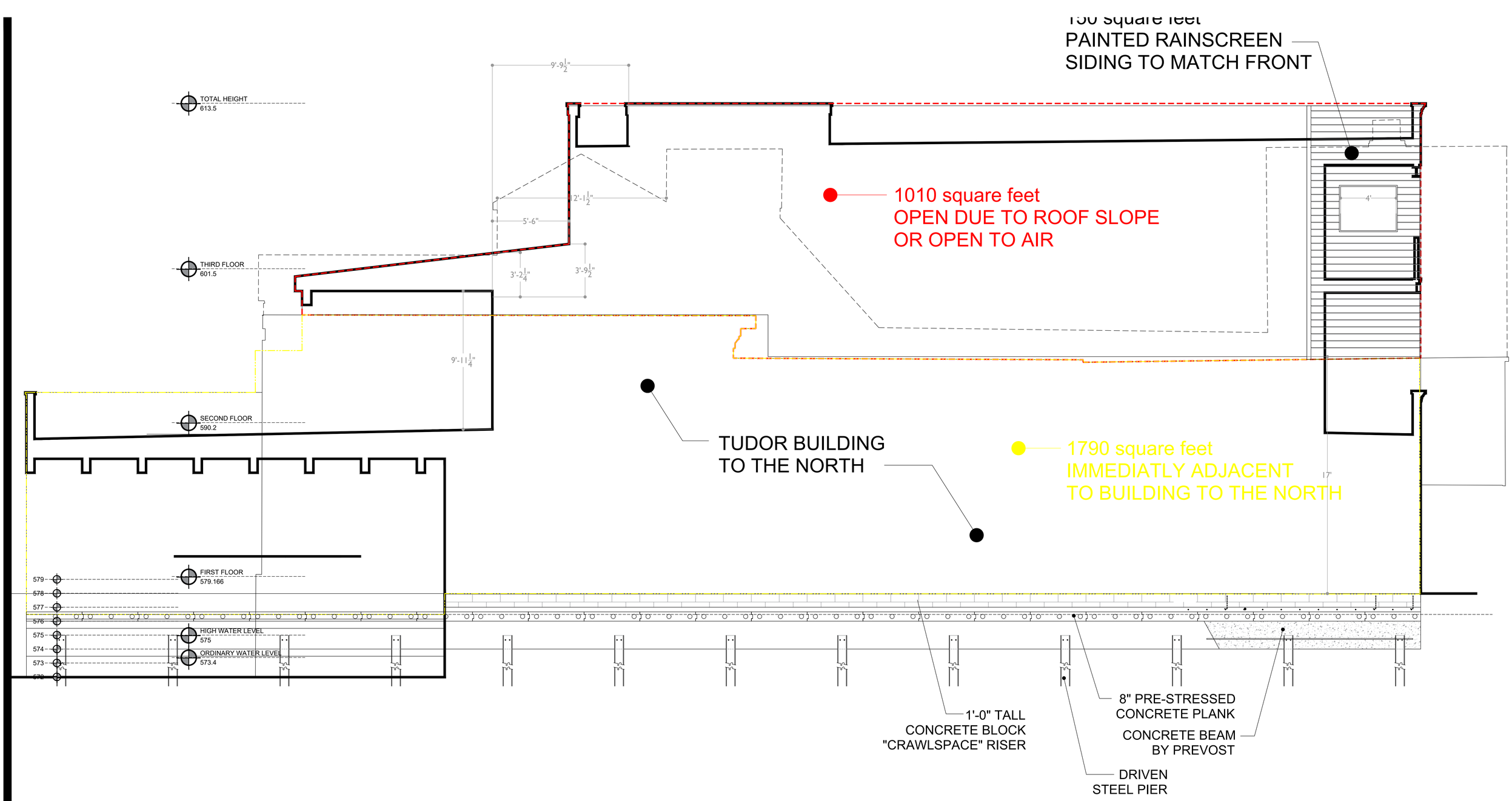
OSTER SERVICES LLC
2-27-2023
DESIGN DEVELOPMENT

SEAL: STATE OF OHIO REGISTERED ARCHITECT REINHOLD 10840
Mark Reinhold
Ohio # 10840
Expiration Date: 12/30/2023

DIANE FERGUSON RESIDENCE

BEACH ROAD, LAKEWOOD OHIO 44107

SKETCHES DD-8



NORTH ELEVATION

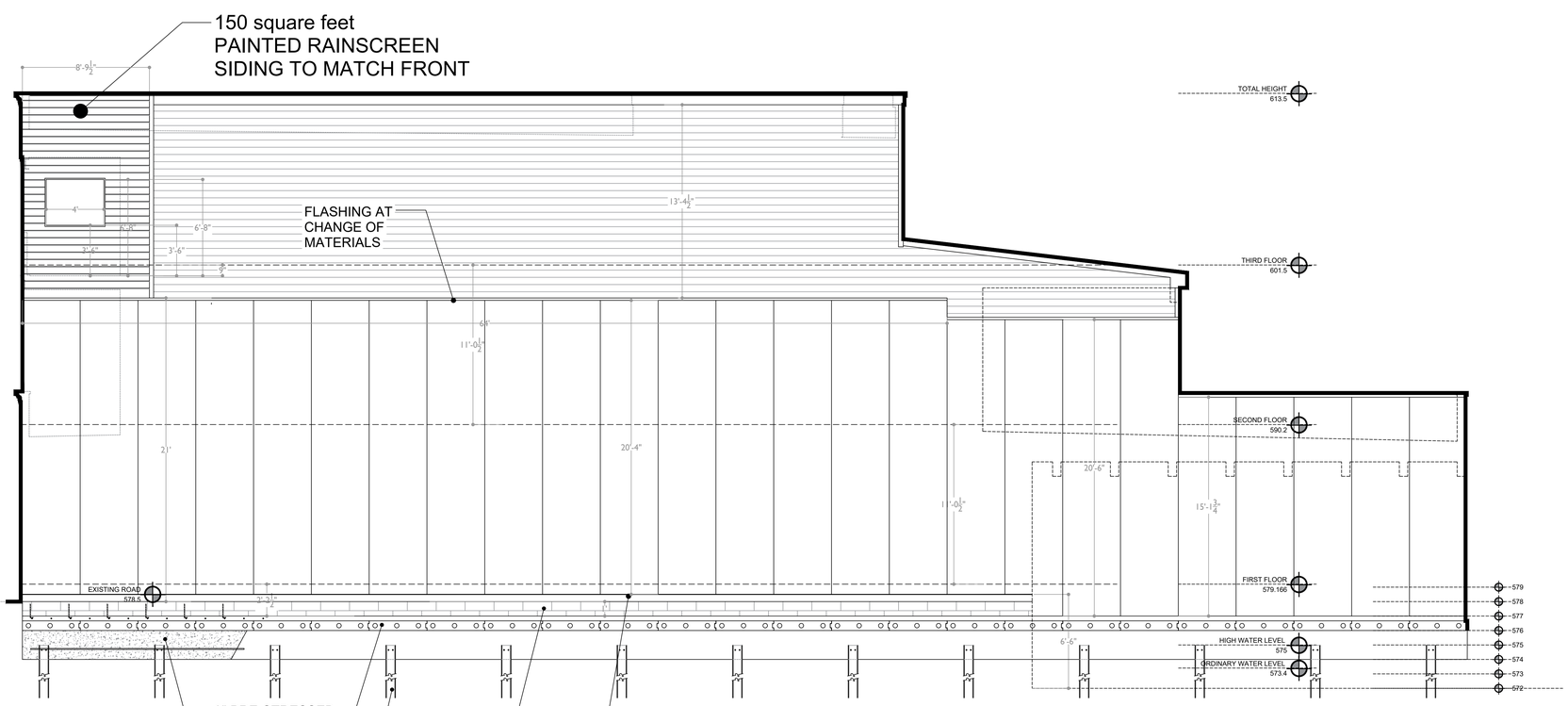
MARK REINHOLD architect
1120 Forest Road, Lakewood, Ohio 44107 (216).906.7097

DIANE FERGUSON RESIDENCE

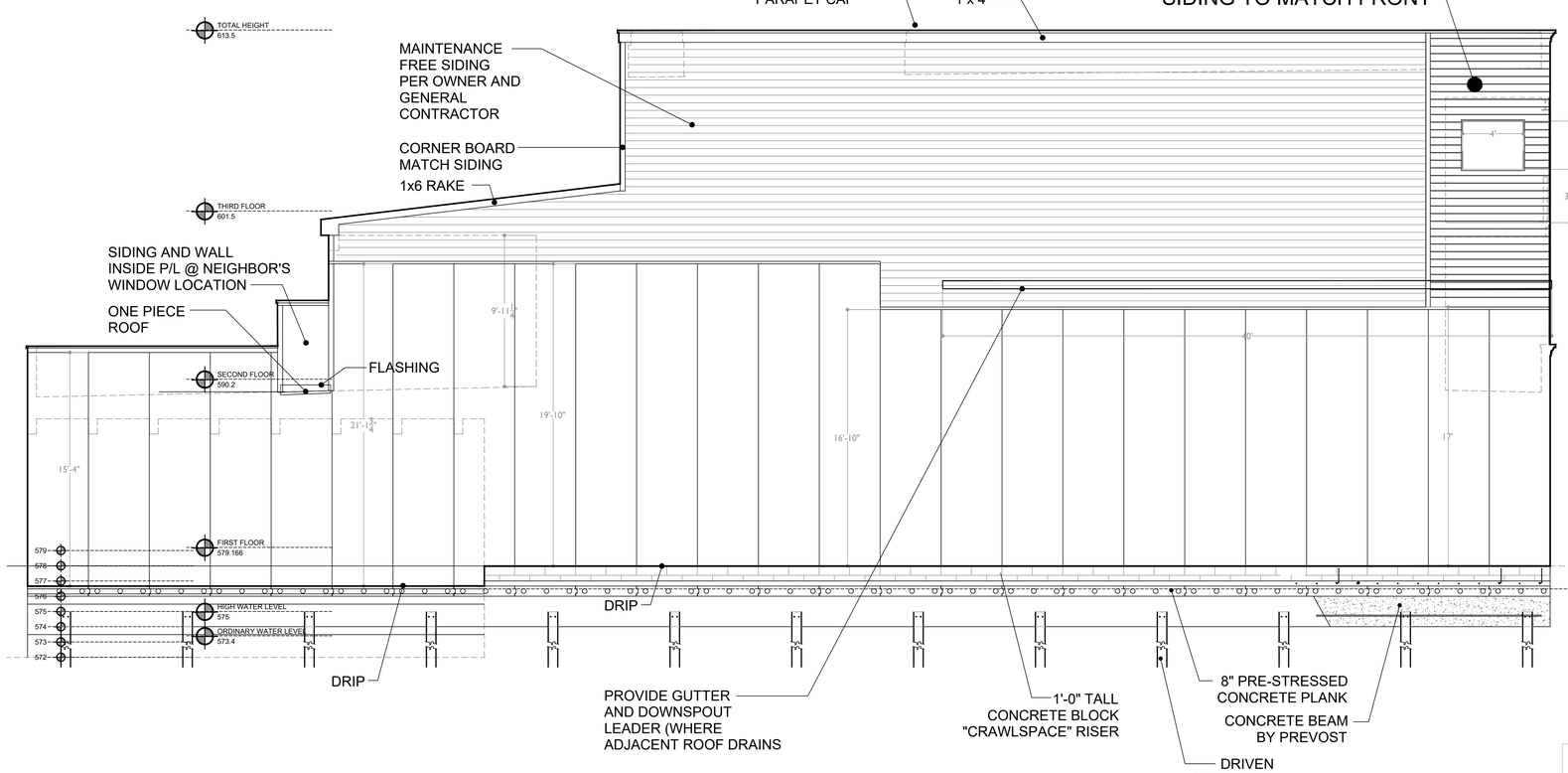
BEACH ROAD, LAKEWOOD OHIO 44107

OSTER SERVICES LLC
12-27-2023
DESIGN DEVELOPMENT

SEAL: STATE OF OHIO · REINHOLD · 10840 · REGISTERED ARCHITECT
Mark Reinhold
Ohio # 10840
Expiration Date: 12/30/2023



SOUTH ELEVATION



NORTH ELEVATION

MARK REINHOLD architect
1120 Forest Road, Lakewood, Ohio 44107 (216).906.7097

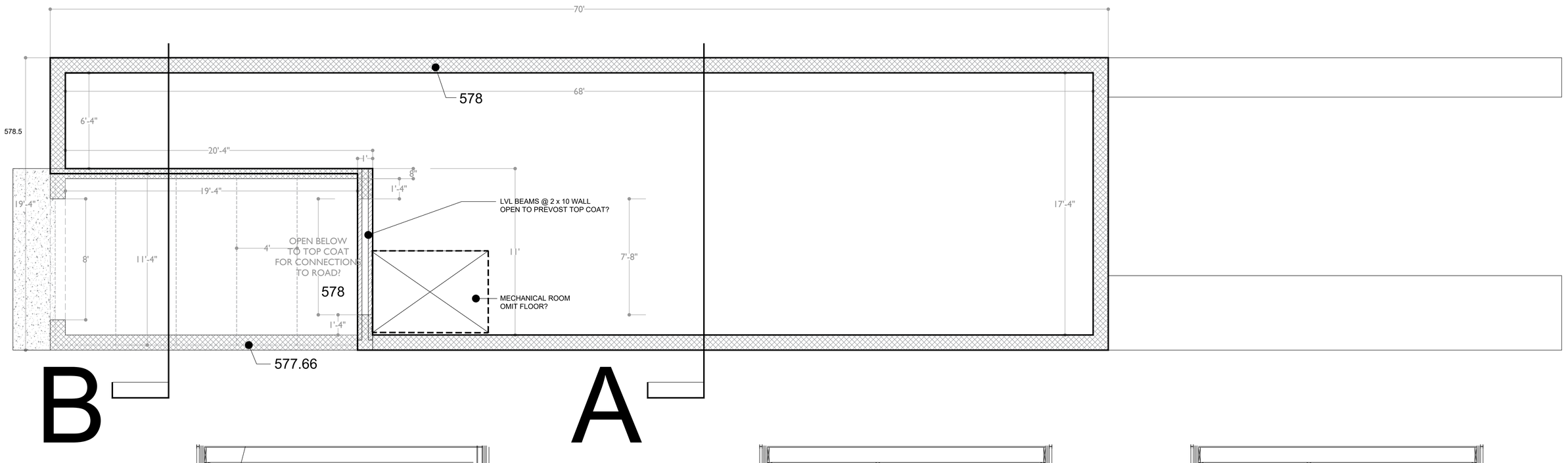
OSTER SERVICES LLC
Date:
2-27-2023
Revision:
Design DEVELOPMENT

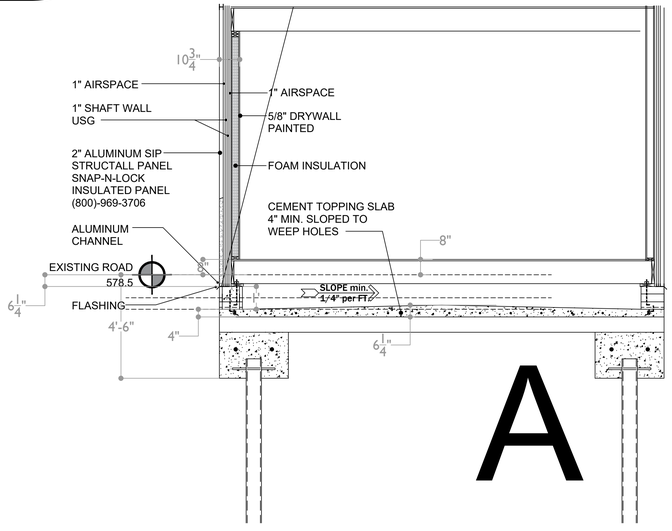
SEAL:
STATE OF OHIO
REINHOLD
10840
REGISTERED ARCHITECT
Mark Reinhold
Ohio # 10840
Expiration Date: 12/30/2023

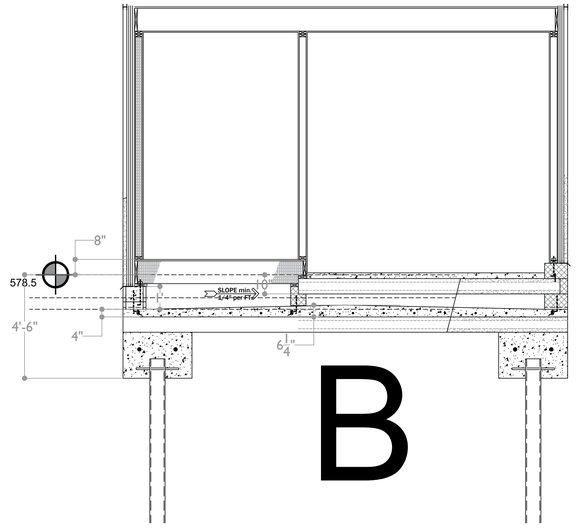
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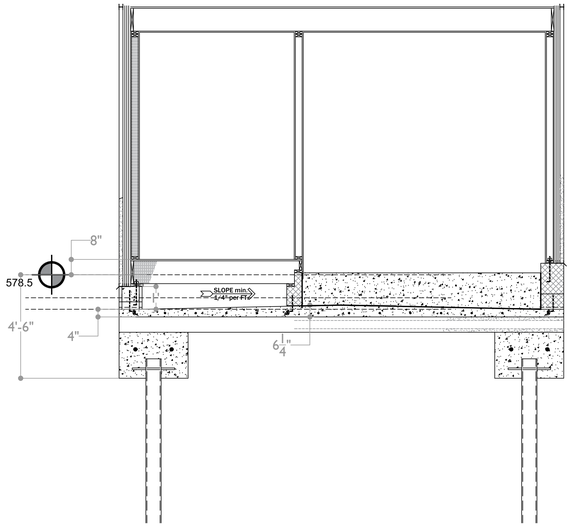
BEACH ROAD, LAKEWOOD OHIO 44107

SKETCHES DD-10









MARK REINHOLD architect
1120 Forest Road, Lakewood, Ohio 44107 (216).906.7097

CONSTRUCTION: OSTER SERVICES LLC
DATE: 2-27-2023
REVISION:
DESIGN DEVELOPMENT

SEAL: STATE OF OHIO REINHOLD 10840 REGISTERED ARCHITECT
Mark Reinhold
Ohio # 10840
Expiration Date: 12/30/2023

DIANE FERGUSON RESIDENCE

BEACH ROAD, LAKEWOOD OHIO 44107

SKETCHES DD-11

BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD

12650 Detroit Avenue ● (216) 529-6630 ● FAX (216) 529-5907 ● www.lakewoodoh.gov

Application Cover Page

Docket No.: 04-32-23

Permit No.: BBS23-000023

Applicant Name: Michael M. Tomsik, Tomsik Architects

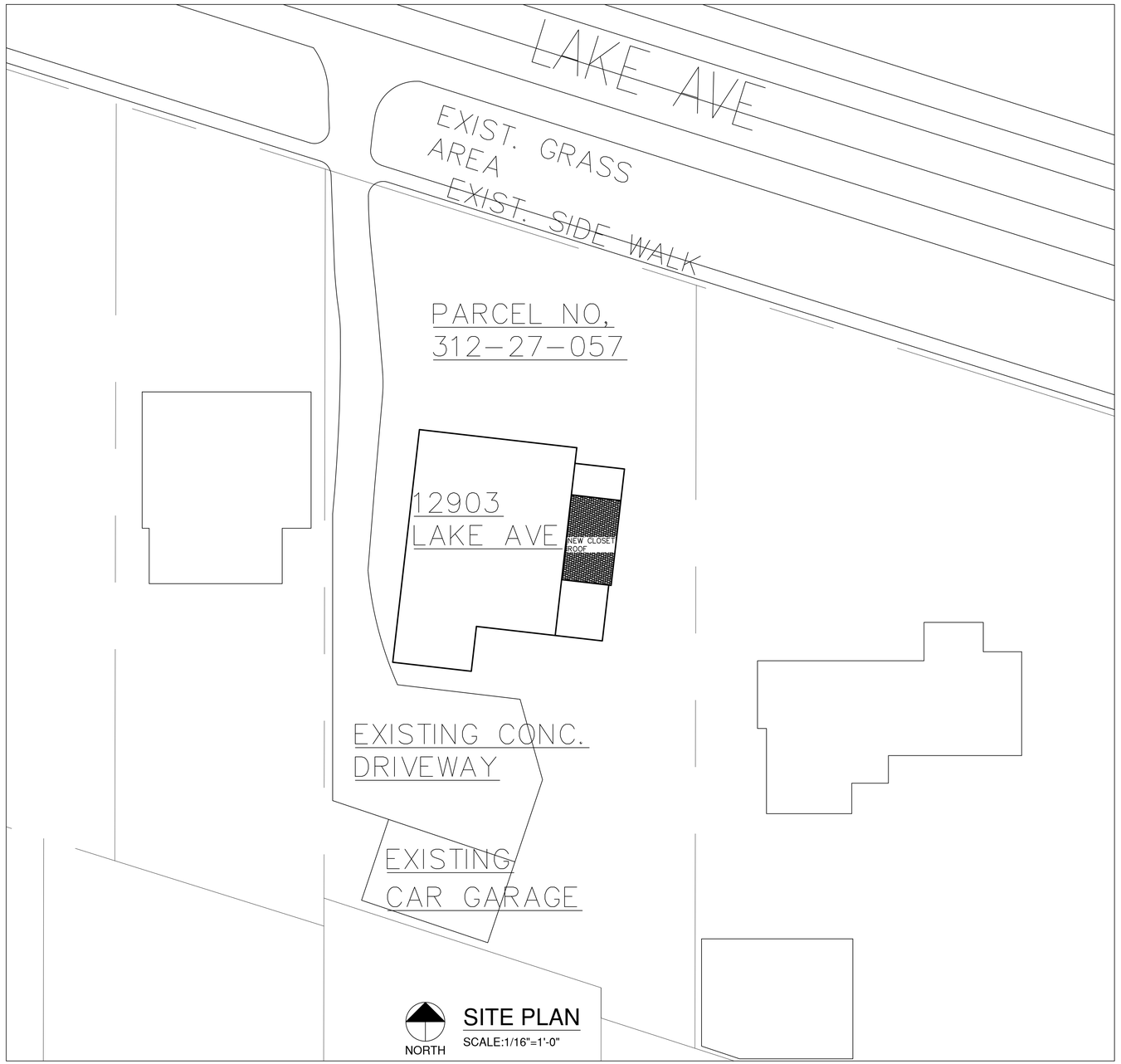
Project Address: 12903 Lake Ave.

Project Name: n/a

Project: Applicant proposes an addition to an existing home.

SINGLE FAMILY DWELLING - ADDITION

12903 LAKE AVE, LAKEWOOD, OHIO 44107



SITE PLAN
SCALE:1/16"=1'-0"

OBC DATA:

USEGROUP: R. SINGLE FAMILY	
CONSTRUCTION TYPE: 5B	
NEW CLOSET AREA	242 SQ. FT.

GENERAL NOTES:
1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL LOCAL CODE.
2. PROTECT EXIST. PROPERTY-SHORE & BRACE AS REQ. FOR ALL WORK.
3. CONTRACTORS SHALL AQUIRE & PAY FOR ALL PERMITS.

SCOPE OF HVAC WORK

1. INSTALL 1 NEW 1.5 TON EXTERIOR AIR CONDITIONER. LINE WIRING BY OTHER. PER HVACE CONTR.
2. INSTALL NEW LOW VOLTAGE WIRING TO ACCOMMODATE AIR CONDTIONING
3. INSTALL NEW DUCTWORK.
4. INSTALL 90% EFFICIENT FURNACE WITH POWER VENTING
5. UNITS TO MEET FIRE & SMOKE ALARM CODE PER 907.2.11.2

DESIGN LOADS:

SOIL- 2000 PSF MIN.
ROOF/SNOW- 30 PSF
FLOOR- 40 PSF (LIVING AREAS)
ROOF/WIND- 13PSF.

INSULATION(BATT):

ROOF/CLG. R-38
WALLS. R-19

ALL CONSTRUCTION TO MEET ENTERPRISE GREEN COMMUNITIES REQUIREMENTS FOR TAX ABATEMENT.

DESIGN CRITERIA

GROUND SNOW LOAD R301.2(5)=	30
BASIC WIND SPEED R301.2(4)=	110
WIND EXPOSURE CATEGORY R301.2.1.4=	EXPOSURE B
HIGH WIND DESIGN CRITERIA R301.2.1.1=	> 90- NOT APPLICABLE
SEISMIC DESIGN CATERGORY R301.2(2)=	A
WEATHERING R301.2(3)=	SEVERE
TERMITE AREA R301.2(6)=	MODERATE TO HEAVY
WINTER DESIGN TEMPERATURE R301.2(1)=	0-10
FLOOR LOADS FOR DECKS AND FLOOR JOIST R301.5= STAIRS= 40 ROOMS OTHER THAN SLEEPING= 40 SLEEPING ROOMS= 30	
CONCRETE COMPRESSIVE STRENGTH R402.1=	2,500

DRAWING INDEX:

1	SITE PLAN
A-1	FLOOR PLAN, DEMOLITION FLOOR PLAN
A-2	ELEVATIONS
A-3	ELEVATION, WALL SECTION

STATE OF OHIO
T. M. TOMSIK
8890
REGISTERED ARCHITECTS

Thomas M Tomsik-License # 8890
Expiation Date 12/31/2023

ISSUED FOR:	DATE:
PERMIT	03/20/2023

SINGLE FAMILY DWELLING ADDITION
12903 LAKE AVE
LAKEWOOD, OH, 44107

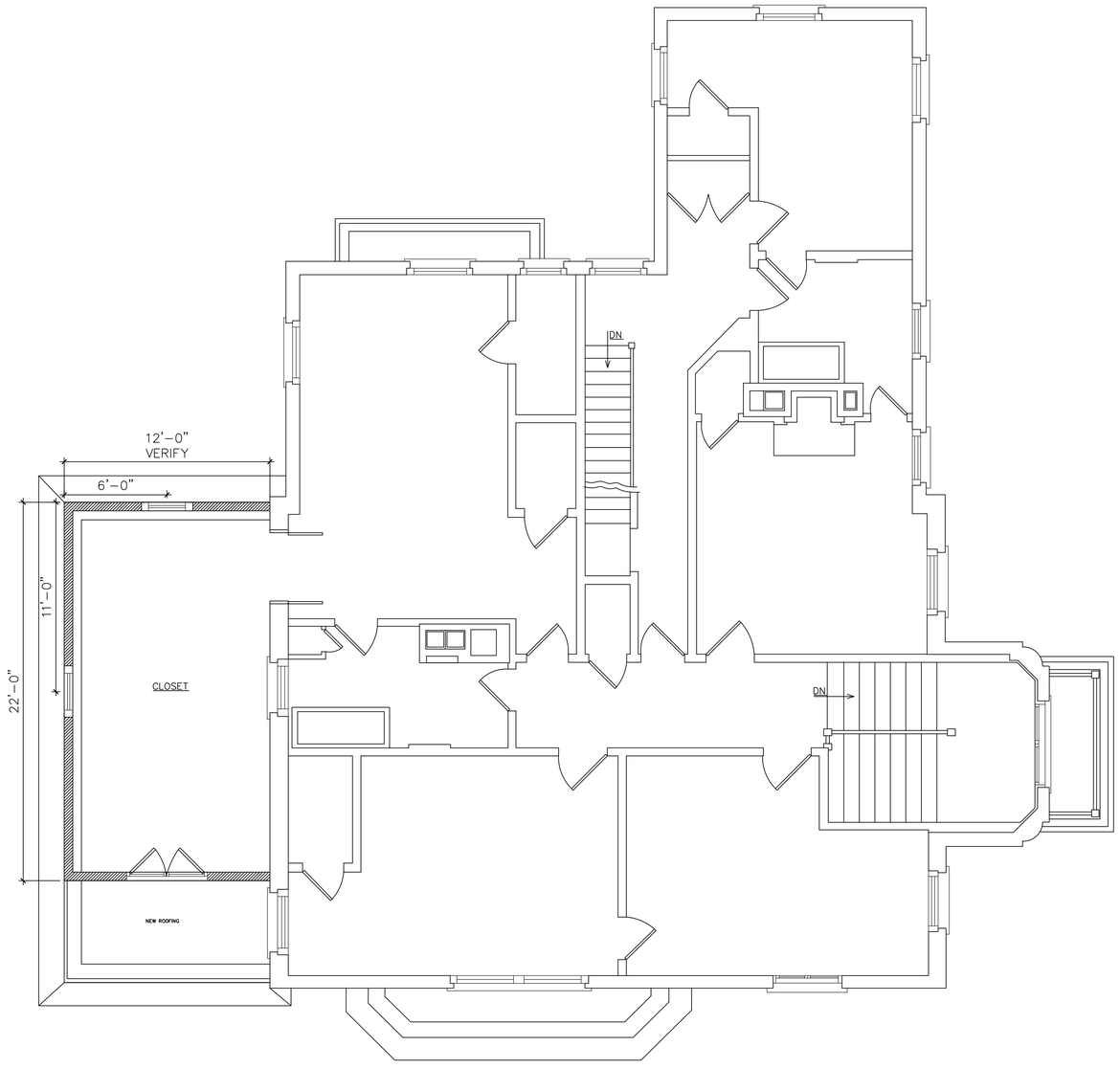
921 LITERARY ROAD
CLEVELAND, OHIO 44113-4440
216/781-7385 FAX 216/781-7387

TOMSIK TOMSIK ARCHITECTS, INC.

SITE PLAN & OBC DATA

1

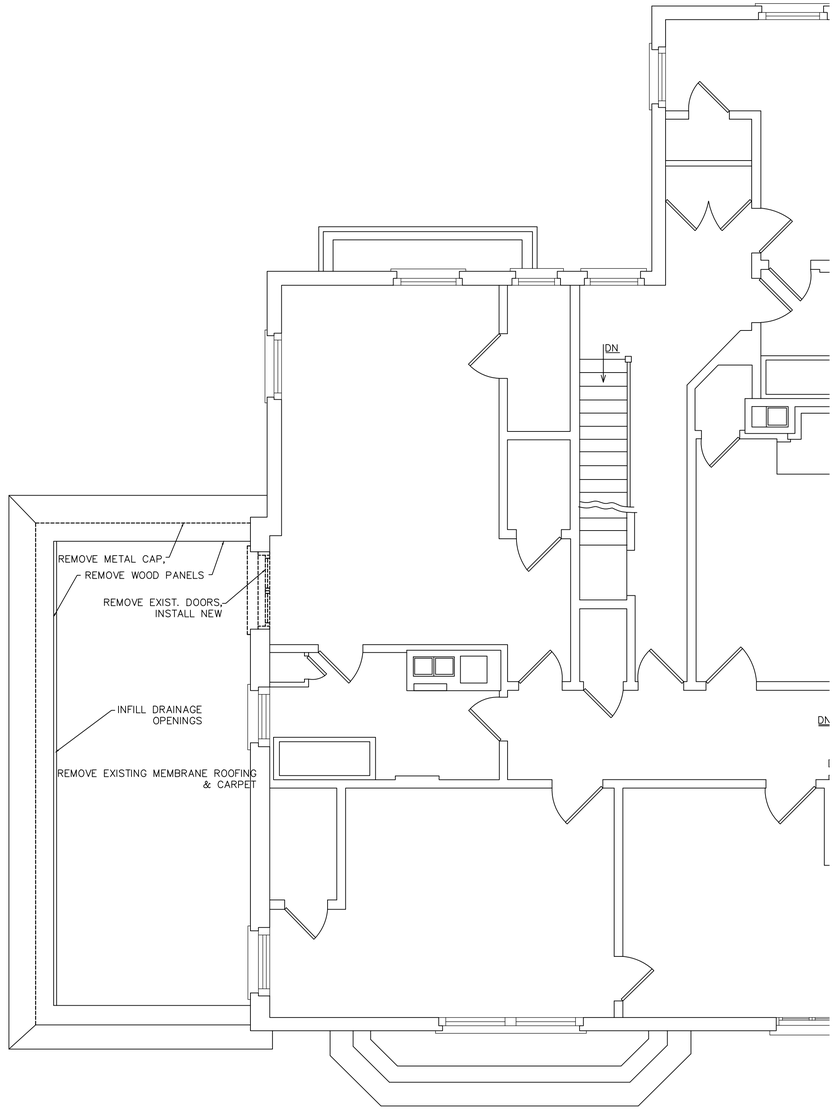
PROJECT NO. 2023 - 03



NORTH

SECOND FLOOR PLAN

SCALE:1/4"=1'-0"



NORTH

DEMOLITION SECOND FLOOR PLAN

SCALE:1/4"=1'-0"

STATE OF OHIO
T. M. TOMSIK
8890
REGISTERED ARCHITECTS

Thomas M Tomsik-License # 8890
Expiation Date 12/31/2023

ISSUED FOR:	DATE:
PERMIT	03/20/2023

SINGLE FAMILY DWELLING ADDITION

12903 LAKE AVE
LAKEWOOD, OH, 44107

921 LITERARY ROAD
CLEVELAND, OHIO 44113-4440
216/781-7385 FAX 216/781-7387

TOMSIK TOMSIK ARCHITECTS, INC.

FLOOR PLAN
DEMOLITION PLAN

A-1

PROJECT NO. 2023 - 03



NORTH ELEVATION

SCALE:1/4"=1'-0"



SOUTH ELEVATION

SCALE:1/4"=1'-0"

STATE OF OHIO
T. M. TOMSIK
8890
REGISTERED ARCHITECTS

Thomas M Tomsik-License # 8890
Expiation Date 12/31/2023

ISSUED FOR:	DATE:
PERMIT	03/20/2023

SINGLE FAMILY DWELLING ADDITION

12903 LAKE AVE
LAKEWOOD, OH, 44107

921 LITERARY ROAD
CLEVELAND, OHIO 44113-4440
216/781-7385 FAX 216/781-7387

TOMSIK TOMSIK ARCHITECTS, INC.

ELEVATIONS

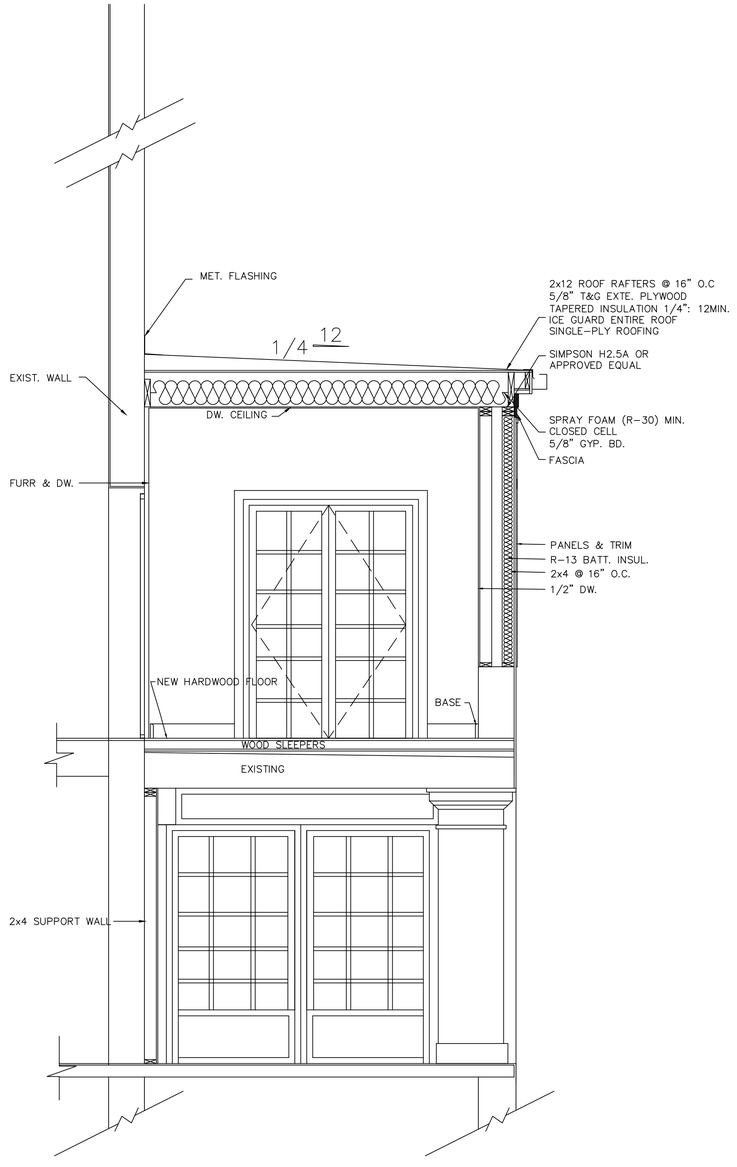
A-2

PROJECT NO. 2023 - 03



EAST ELEVATION

SCALE:1/4"=1'-0"



WALL SECTION

SCALE:1/2"=1'-0"

STATE OF OHIO
T. M. TOMSIK
8890
REGISTERED ARCHITECTS

Thomas M Tomsik-License # 8890
Expiation Date 12/31/2023

ISSUED FOR:	DATE:
PERMIT	03/20/2023

SINGLE FAMILY DWELLING ADDITION

12903 LAKE AVE
LAKEWOOD, OH, 44107

921 LITERARY ROAD
CLEVELAND, OHIO 44113-4440
216/781-7385 FAX 216/781-7387

TOMSIK TOMSIK ARCHITECTS, INC.

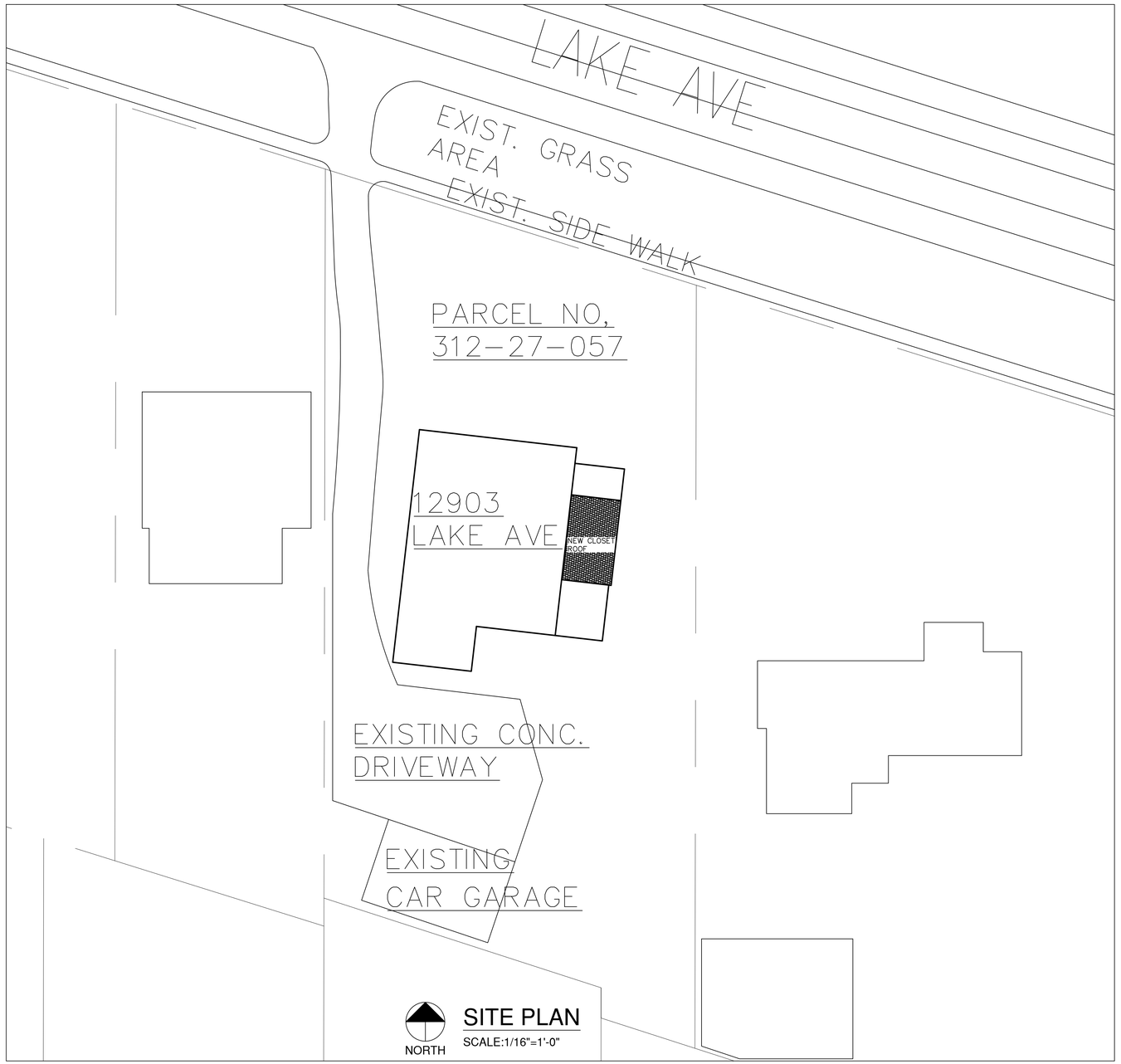
ELEVATION
WALL SECTION

A-3

PROJECT NO. 2023 - 03

SINGLE FAMILY DWELLING - ADDITION

12903 LAKE AVE, LAKEWOOD, OHIO 44107



SITE PLAN
SCALE:1/16"=1'-0"

OBC DATA:

USEGROUP: R. SINGLE FAMILY	
CONSTRUCTION TYPE: 5B	
NEW CLOSET AREA	242 SQ. FT.

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3. INSTALL NEW DUCTWORK.
4. INSTALL 90% EFFICIENT FURNACE WITH POWER VENTING
5. UNITS TO MEET FIRE & SMOKE ALARM CODE PER 907.2.11.2

DESIGN LOADS:

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ROOF/SNOW- 30 PSF
FLOOR- 40 PSF (LIVING AREAS)
ROOF/WIND- 13PSF.

INSULATION(BATT):

ROOF/CLG. R-38
WALLS. R-19

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HIGH WIND DESIGN CRITERIA R301.2.1.1=	> 90- NOT APPLICABLE
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TERMITE AREA R301.2(6)=	MODERATE TO HEAVY
WINTER DESIGN TEMPERATURE R301.2(1)=	0-10
FLOOR LOADS FOR DECKS AND FLOOR JOIST R301.5= STAIRS= 40 ROOMS OTHER THAN SLEEPING= 40 SLEEPING ROOMS= 30	
CONCRETE COMPRESSIVE STRENGTH R402.1=	2,500

DRAWING INDEX:

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STATE OF OHIO
T. M. TOMSIK
8890
REGISTERED ARCHITECTS

Thomas M Tomsik-License # 8890
Expiation Date 12/31/2023

ISSUED FOR:	DATE:
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SINGLE FAMILY DWELLING ADDITION
12903 LAKE AVE
LAKEWOOD, OH, 44107

921 LITERARY ROAD
CLEVELAND, OHIO 44113-4440
216/781-7385 FAX 216/781-7387

TOMSIK TOMSIK ARCHITECTS, INC.

SITE PLAN & OBC DATA

1

PROJECT NO. 2023 - 03











BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD

12650 Detroit Avenue ● (216) 529-6630 ● FAX (216) 529-5907 ● www.lakewoodoh.gov

Application Cover Page

Docket No.: 04-33-23

Permit No.: BBS23-000020

Applicant Name: Gabriel Fey AIA, HSB Architects Inc.

Project Address: 17514 Detroit Ave.

Project Name: St. James School

Project: Applicant proposes an exterior stair extension to a new rooftop patio and the enclosure of an existing balcony.

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 INCH = 20 FEET

TOPOGRAPHIC CERTIFICATION:

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS TOPOGRAPHY, INDICATED BY 1' CONTOURS, AND ELEVATIONS SHOWN HEREON, AND WITHIN THE AREA MARKED "LIMITS OF POLARIS SURVEY" REPRESENT AN ACTUAL FIELD SURVEY MADE UNDER MY SUPERVISION ON THE 1st DAY OF July, 2021, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON. VERTICAL DATUM IS BASED ON NAVD88.

STATE OF OHIO · RICHARD A. THOMPSON JR. 7388 REGISTERED PROFESSIONAL SURVEYOR

RICHARD A. THOMPSON, JR., P.S. #7388

NOTE:
ANYONE USING ELEVATIONS ASSOCIATED WITH THIS PLAN SHALL UTILIZE & CHECK INTO BOTH BENCHMARKS FOR VERTICAL CONTROL. POLARIS SHALL BE NOTIFIED IMMEDIATELY OF ANY IRREGULARITIES.

SURVEY NOTE:
ALL EXISTING BOUNDARY SURVEY INFORMATION SHOWN ON THIS PLAN AS WELL AS ALL EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN WITHIN THE AREA MARKED "SURVEY BY OTHERS" IS FROM A SURVEY PERFORMED BY ENGLE, TROTTER & ASSOCIATES, DATED JANUARY 01, 2021. POLARIS ENGINEERING AND SURVEYING, INC. ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE BOUNDARY INFORMATION SHOWN ON THIS PLAN.

SYMBOL LEGEND

Ex. Clean Out	Guy Wire
Ex. Catch Basin	Power Pole
Prop. Catch Basin	Light Power Pole
Ex. Curb Inlet	Light Pole
Prop. Curb Inlet	Traffic Signal Pole
Ex. Yard Drain	Traffic Signal Box
Ex. Manhole	Cable TV Box
Ex. Sanitary Manhole	Electrical Box
Prop. Sanitary Manhole	Telephone (SAC) Box
Ex. Storm Manhole	Tree
Prop. Storm Manhole	Pine Tree
Storm Inlet MH	Bush
Ex. Water Valve	Yard Light
Prop. WL Valve	Gasline Marker
Water Meter	Power Transformer
Ex. Fire Hydrant	Sprinkler Control Box
Prop. Hydrant	Sprinkler Head
Well	Sign
Gas Valve	Test Bore
Gas Meter	Guard Post
	Stump
	Mailbox

NOTE:
EXISTING CATCH BASINS TO BE CLEANED AND/OR JETTED AS REQUIRED TO PROVIDE PROPER DRAINAGE OF EXISTING STORM SEWER SYSTEM IN THE EXISTING PARKING AREA.

811 O.U.P.S. REFERENCE A-112-062-218

2 WORKING DAYS BEFORE YOU DIG CALL 8-1-1
OHIO UTILITIES PROTECTION SERVICE NON-MEMBERS MUST BE CALLED DIRECT

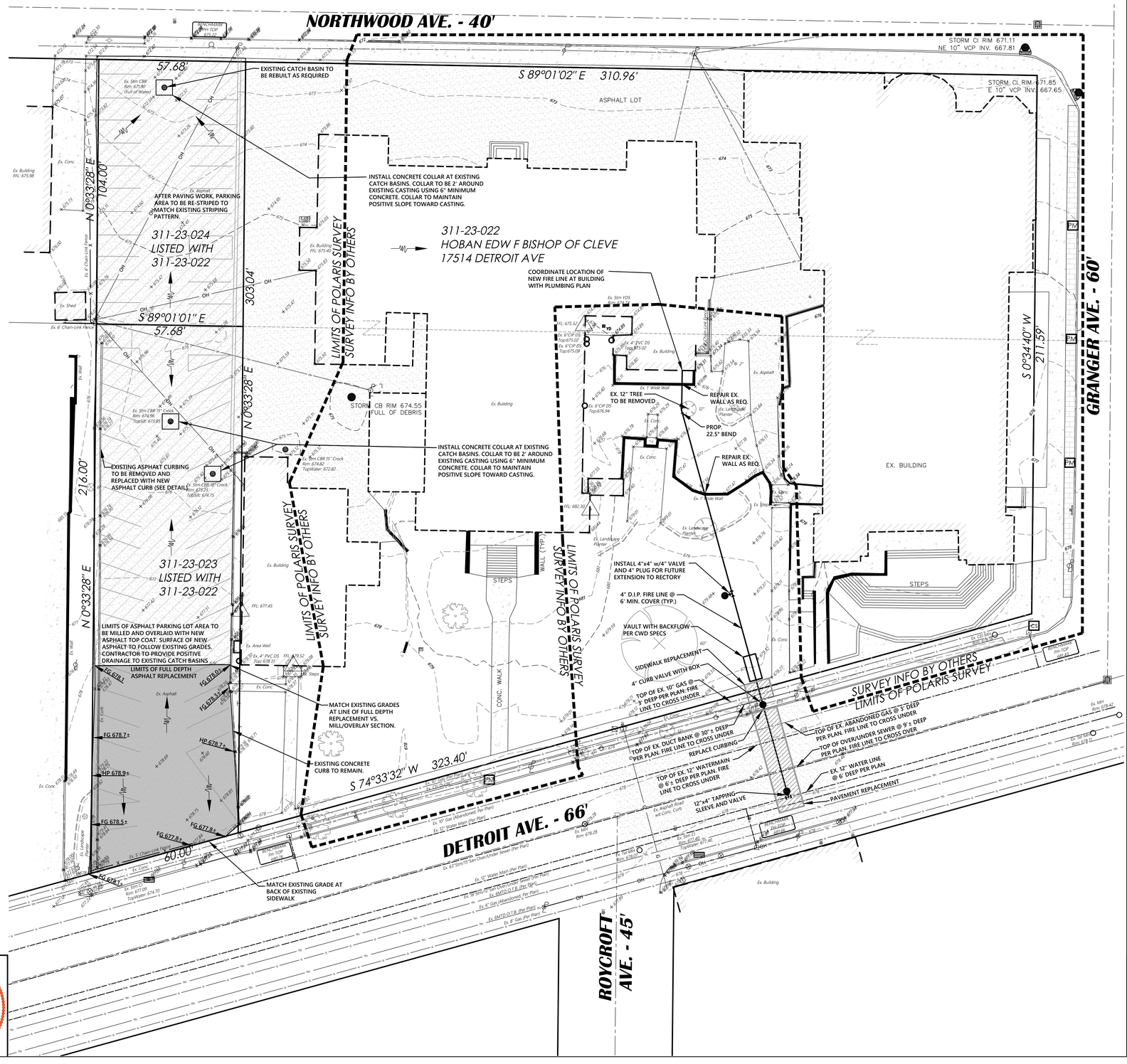
EXISTING UNDERGROUND UTILITIES NOTE:
THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED HEREON. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED. WHERE PRACTICAL. HOWEVER, POLARIS ENGINEERING & SURVEYING, INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

NOTE: THIS SURVEY SUBJECT TO CHANGE UPON RECEIPT OF ANY ADDITIONAL AVAILABLE UNDERGROUND UTILITY INFORMATION.

DATE: 7/26/21 DRAWN: JNG
SCALE: HOR. 1"=20' VERT. 1"=00'
FOLDER: DWG/Proj. Surveying
FILENAME: Survey Base
TAB: 01-Site Plan
BNDY. CHK: XXX-xx/xx/20xx
BASE. CHK: XXX-xx/xx/20xx

REV. No.		DATE	BY

STATE OF OHIO · DUSTIN C. KEENEY 85515 PROFESSIONAL ENGINEER



17415 NORTHWOOD AVENUE

CITY OF LAKEWOOD - CUYAHOGA COUNTY - OHIO

POLARIS ENGINEERING & SURVEYING, INC.
34600 CHARDON ROAD - SUITE D
WILLOUGHBY HILLS, OHIO 44094
(440) 944-4433 (440) 944-3722 (Fax)
www.polaris-es.com

polaris Engineering & Surveying

SITE PLAN

CONTRACT No.

21111

SHEET	OF
01	02

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OSTER SERVICES LLC
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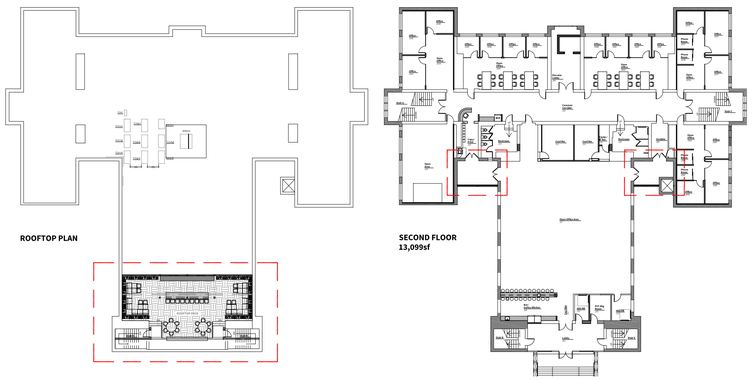
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AREA OF WORK

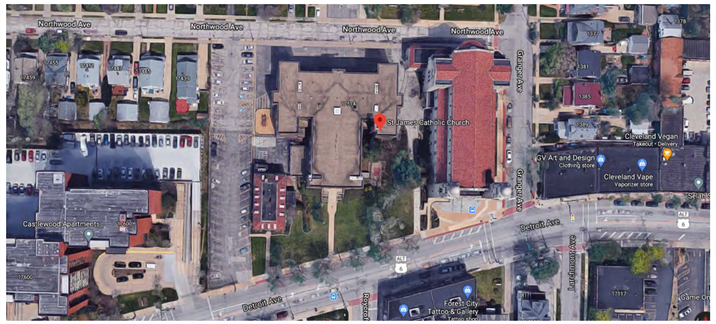
SCALE: NO SCALE

AREA OF WORK

NORTH



LOCATION MAP



NORTH

PROJECT DESCRIPTIONS

BUILD-OUT OF NEW ROOFTOP PATIO SPACE ON EXISTING BUILDING AND EXTENDING TWO EGRESS STAIRS UP TO ROOFTOP PATIO LEVEL. ADDITIONAL WORK TO INCLUDE ENCLOSING TWO EXISTING SECOND FLOOR BALCONY SPACES WITH NEW STOREFRONT TO CREATE INTERIOR CONDITIONED SPACE.

PROJECT DIRECTORY

ARCHITECT	*ENGINEER*	*GENERAL CONTRACTOR*
NAME GABRIEL FEY HSB ARCHITECTS + ENGINEERS 1250 OLD RIVER ROAD, SUITE 201 CLEVELAND, OHIO 44113 EMAIL GFEY@HSBARCH.COM PHONE (513) 702 25 23	NAME PETER KAMIS HSB ARCHITECTS + ENGINEERS 1250 OLD RIVER ROAD, SUITE 201 CLEVELAND, OHIO 44113 EMAIL PKAMIS@HSBARCH.COM PHONE (216)465-8571	NAME OSTER SERVICES OSTER SERVICES LLC 1387 MATHEWS AVE LAKEWOOD OH 44107 EMAILOSTERCOMMERCIAL@GMAIL.COM PHONE (440)596-8489

CODE INFORMATION

GENERAL

USE GROUP (SECTION 302)	B: BUSINESS
CONSTRUCTION CLASSIFICATION (SECTION 602)	IIB
THE BUILDING IS FULLY SPRINKLERED	YES; EXTERIOR ROOFTOP PATIO IS NOT SPRINKLED.

BUILDING CODES ENFORCED

OHIO BUILDING CODE	2017
OHIO MECHANICAL CODE	2017
OHIO PLUMBING CODE	2017
NATIONAL ELECTRICAL CODE	2017
INTERNATIONAL ENERGY CONSERVATION CODE	2012

BUILDING HEIGHTS AND AREAS

CONSTRUCTION AREA (TOTAL)	1,369 SF
GROSS BLDG FOOTPRINT / TOTAL USF	15,673 SF / 36,416 SF
NUMBER OF STORIES	3
BUILDING HEIGHT	+/-48'-0"

OCCUPANCY

SPACE	AREA	OCC/SF	MAX OCC.
MAX TOTAL FLOOR AREA (ROOFTOP PATIO)	1,369 SF	15	93 PERSONS

OCCUPANCY

SPACE	AREA	OCC/SF	MAX OCC.
INTERIOR BLDG AREA	36,416 SF	100	364 PERSONS
ROOFTP PATIO AREA	1,369 SF	15	93 PERSONS
TOTAL OCCUPANT LOAD			457 PERSONS

CODE INFORMATION (CONT.)

EGRESS

	REQUIRED	ACTUAL
LENGTH OF TRAVEL (TABLE 1017.2)	< 200'	60'-9"
DEAD-END CORRIDORS (TABLE 1020.4)	< 25'-0"	N/A
CORRIDOR WIDTH (1005.3.2) [MINIMUM WIDTH REQ'D 1020.2]	44" MIN W. <50 OCC. OR OCC. LOAD X.2"	44" MIN
EXITING (MIN # REQ'D 1006.2.1)	2+ W/ OCC LOAD >50	2
COMMON PATH OF TRAVEL (1006.2.1)	< 75'	19'-6"

PLUMBING

FIXTURE TYPE	REQUIRED	ACTUAL
WATER CLOSETS (E = 1 PER 50)	457/50 = 9.14 = 10	19
LAVATORIES (E = 1 PER 80)	457/80 = 5.7 = 6	15
DRINKING FOUNTAINS (E = 1 PER 100)	457/100 = 4.57 = 5	5

DRAWING INDEX

T1.0	TITLE SHEET	0					
G1.0	GENERAL INFORMATION	0					
G2.0	WALL TYPES	0					
LS1.0	LIFE SAFETY PLANS	0					
D1.0	FIRST FLOOR DEMOLITION PLAN						
A1.2	SECOND FLOOR PLAN						
A1.4	ROOF PLAN	0					
A3.0	DOOR SCHEDULE						
A5.2	EXTERIOR ELEVATIONS	0					
A6.0	MILLWORK DETAILS						
A7.0	BUILDING SECTIONS	0					
S1.0	STRUCTURAL DESIGN DWGS - ROOFTOP SUPPORT STEEL						

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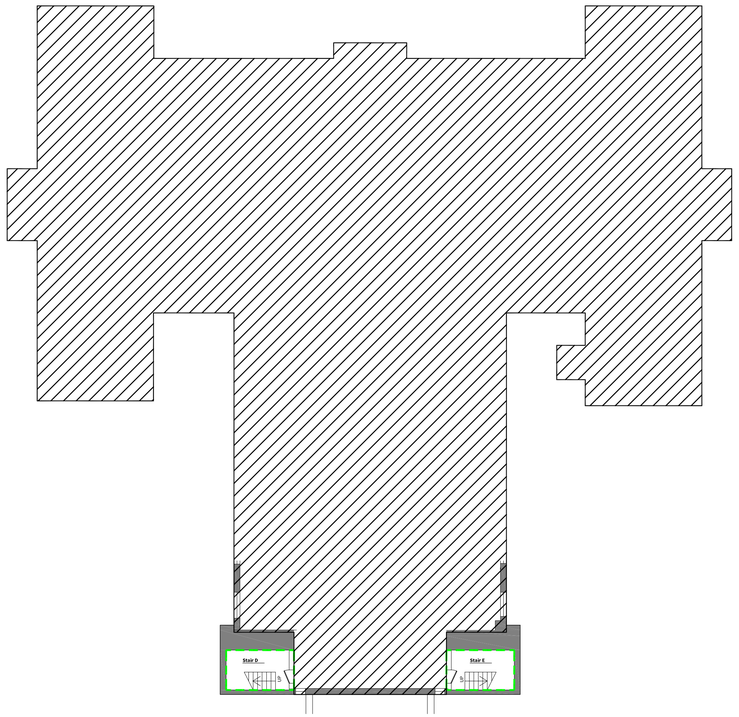
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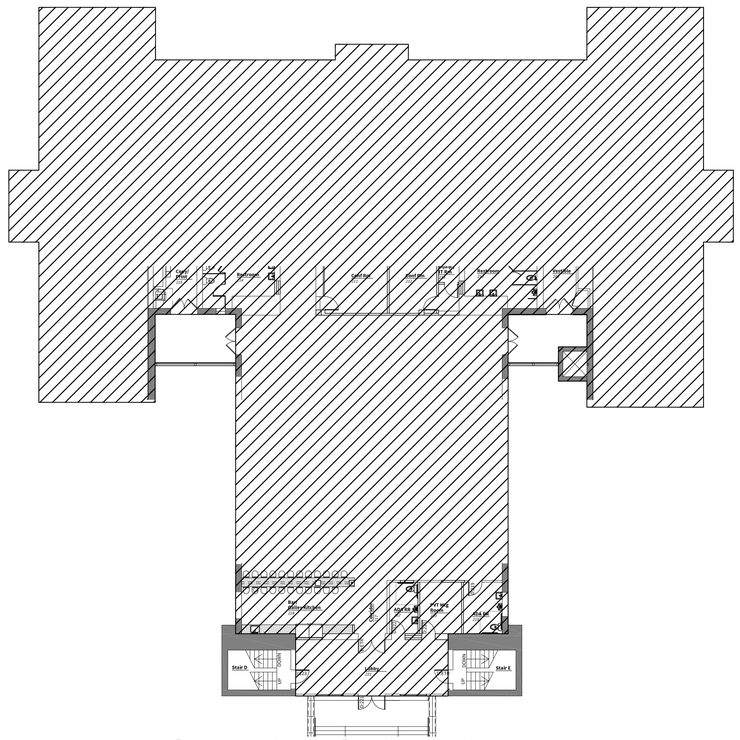
TITLE SHEET

T1.0

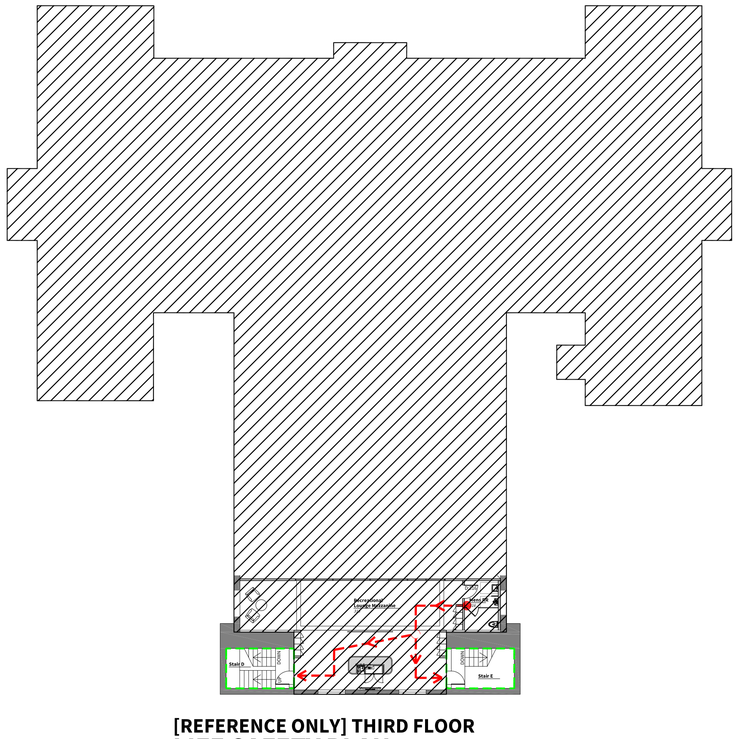
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(c)HSB/ST SHEFF BAJO ARCHITECTS, INC. THESE PLANS AND NOT TO BE REPRODUCED, CHANGED OR COPIED WITHOUT THE EXPRESS WRITTEN PERMISSION OF HSB/ST SHEFF BAJO ARCHITECTS, INC. THE ENGINEER OR ARCHITECT DISCLAIMS RESPONSIBILITY FOR THESE PLANS AND SPECIFICATIONS IF THEY ARE ALTERED OR USED IN WHOLE OR IN PART AT ANY OTHER SITE OR PROJECT THAN THE ONE FOR WHICH THEY WERE SPECIFICALLY PREPARED.



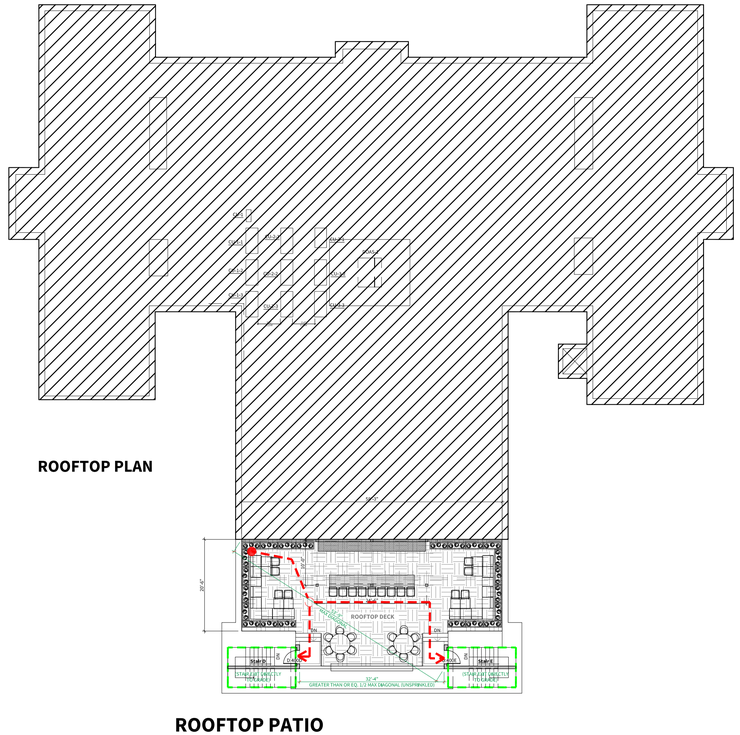
[REFERENCE ONLY] FIRST FLOOR
LIFE SAFETY PLAN
1
SCALE: 1/16" = 1'-0" LS1.0



[REFERENCE ONLY] SECOND FLOOR
LIFE SAFETY PLAN
2
SCALE: 1/16" = 1'-0" LS1.0



[REFERENCE ONLY] THIRD FLOOR
LIFE SAFETY PLAN
3
SCALE: 1/16" = 1'-0" LS1.0



ROOFTOP PLAN

ROOFTOP PATIO
LIFE SAFETY PLAN
3
SCALE: 1/16" = 1'-0" LS1.0

SYMBOLS LEGEND

- EGRESS ROUTE
- DECISION POINT
- NON RATED DEMISING WALL
- 1HR FIRE RATED WALL
- 2HR FIRE RATED WALL (NOT USED)
- FULLY RECESSED (6 7/8" MIN, F.E.)
- SEMI RECESSED (3 3/4" MIN, F.E.)
- SURFACE MOUNTED (ANY, F.E.)
- SURFACE MOUNTED (NO CABINET) (ANY, F.E.)

CODE INFORMATION:

CONSTRUCTION DOCUMENT CONFORMANCE - GENERAL PROJECT DATA

LATEST CONSTRUCTION CODE REQUIREMENTS:

2017 Ohio Building Code
2017 Ohio Mechanical Code
2017 Ohio Plumbing Code
2017 National Electrical Code
Accessibility COMPLIANCE: IBC Chapter 11, Accessibility 2010 Edition

CHAPTER 3: OCCUPANCY CLASSIFICATION:

GROUP B: BUSINESS

CHAPTER 5: BUILDING HEIGHT AND AREA:

ALLOWABLE HEIGHT AND AREA:
ALLOWABLE BUILDING HEIGHT: 3 STORY 55' HEIGHT
ALLOWABLE BUILDING AREA: 23,000 SF/FLOOR (NO SPRINKLER MOD)
69,000 SF(W SPRINKLER MODIFICATION)

ACTUAL BUILDING HEIGHT AND AREA:
ACTUAL BUILDING HEIGHT: 3 STORY BUILDING
ACTUAL BUILDING AREA: 36,416sf
ACTUAL FOOTPRINT AREA: 15, 673sf

CHAPTER 6: TYPES OF CONSTRUCTION
CONSTRUCTION TYPE - II B
NON-COMBUSTIBLE UN-PROTECTED
BLDG IS SPRINKLERED

FIRE RESISTANCE RATING for BUILDING ELEMENTS(per Table 601):

BASED ON CONSTRUCTION TYPE	II B
STRUCTURAL FRAME:	0
* BEARING - EXTERIOR WALLS:	0
* BEARING - INTERIOR WALLS:	0
NON-BEARING - EXTERIOR walls & partitions:	TABLE 602
NON-BEARING - INTERIOR walls & partitions:	0
FLOOR CONSTRUCTION:	0
ROOF CONSTRUCTION:	0

FIRE SEPARATION DISTANCE - TABLE 602

FIRE SEPARATION DISTANCE	CONSTRUCTION TYPE	REQUIRED WALL RATING
X ≤ 5'	IIB	1
5' < X ≤ 10'	IIB	1
10' < X ≤ 30'	IIB	0
30' < X	IIB	0

SEE LIFE SAFETY PLAN, ALL SEPARATIONS ARE GREATER THAN 10' TO A CENTRAL DEMISING LINE BETWEEN STRUCTURES (AND ADJACENT PARCEL LINES), NO WALL RATING REQUIRED.

CHAPTER 06: COMBUSTIBLE MATERIAL IN TYPE 1 & 2 CONSTRUCTION

603.1.1.3 - ROOF CONSTRUCTION, INCLUDING GIRDERS, TRUSSES, FRAMING AND DECKING.
603.1.4 - ROOF COVERINGS THAT HAVE AN A, B OR C CLASSIFICATION
603.1.13 - COMBUSTIBLE EXTERIOR WALL COVERINGS

CHAPTER 07: FIRE RESISTANT CONSTRUCTION

ELEVATOR & SHAFT WALL:	1-HOUR (OBC 713.4 - LESS THAN 4 STORY) (OBC 717.5.2 EXCEPTION 3 + OMC 607.5.3 EXCEPTION 4 - DAMPER NOT REQ'D FOR 1-HR RATING IN SPRINKLED BLDG)
EGRESS STAIR	1 HOUR
HOISTWAY OPENING PROTECTION: (ELEVATOR LOBBY)	NOT REQUIRED (FOR 3 OR FEWER STORIES, PER OBC 3006.2)

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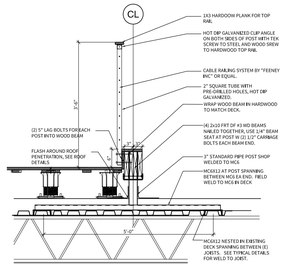
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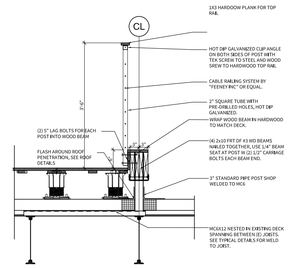
LIFE SAFETY PLANS

LS1.0

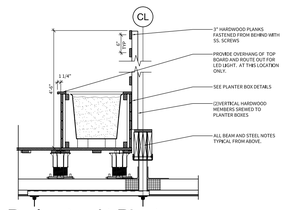
OPTION A: PEDESTAL SYSTEM (BISON DECKING)



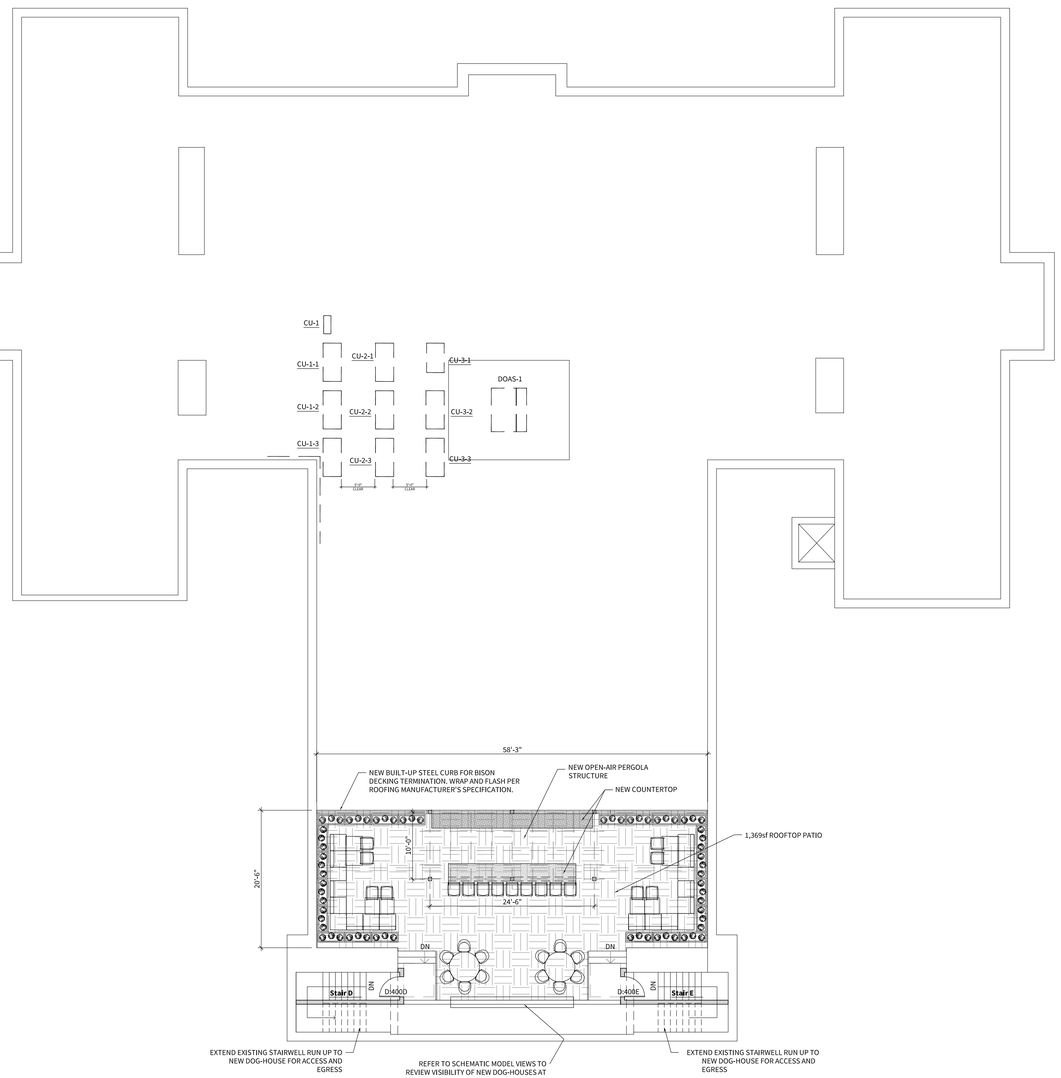
Perimeter Wood Curb Detail A
SCALE: 1" = 1'-0" xx



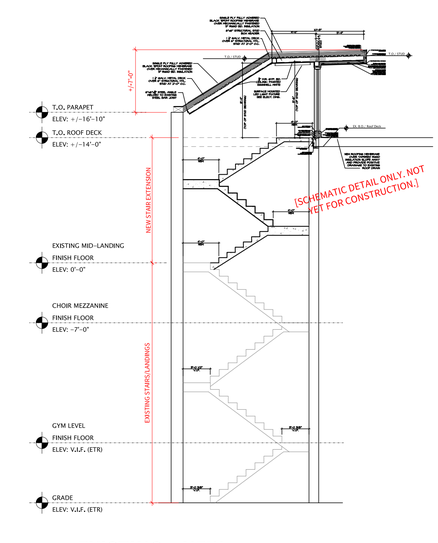
Perimeter Wood Curb Detail B
SCALE: 1" = 1'-0" xx



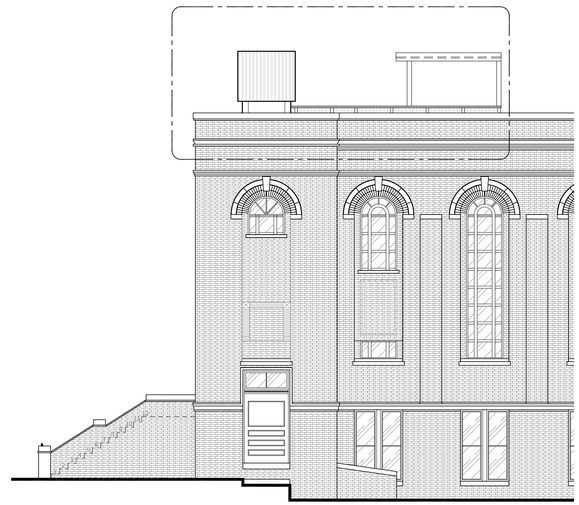
Perimeter At Planter C
SCALE: 1" = 1'-0" xx



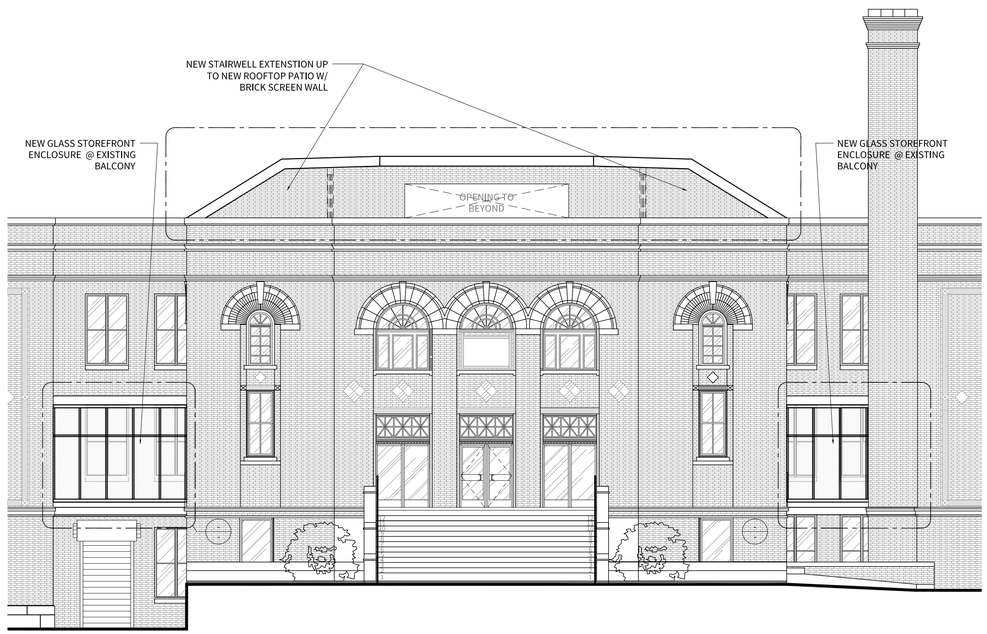
ROOFTOP
DECK FLOOR PLAN 'A' 1
SCALE: 3/32" = 1'-0" SK-1



EXISTING + NEW
STAIRWELL SECTION 4
SCALE: 1/8" = 1'-0" SK-1



WEST ELEVATION 3
SCALE: 1/8" = 1'-0" SK-1



SOUTH ELEVATION 2
SCALE: 1/8" = 1'-0" SK-1

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PRELIMINARY ROOFTOP SCOPE REVIEW

SK-2

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1913.

ST. JAMES HALL

A. D.
1913.

ST JAMES SCHOOL


ST JAMES HALL
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PLAY LIKE
A CHAMPION
TODAY


















KOBALT


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STACK
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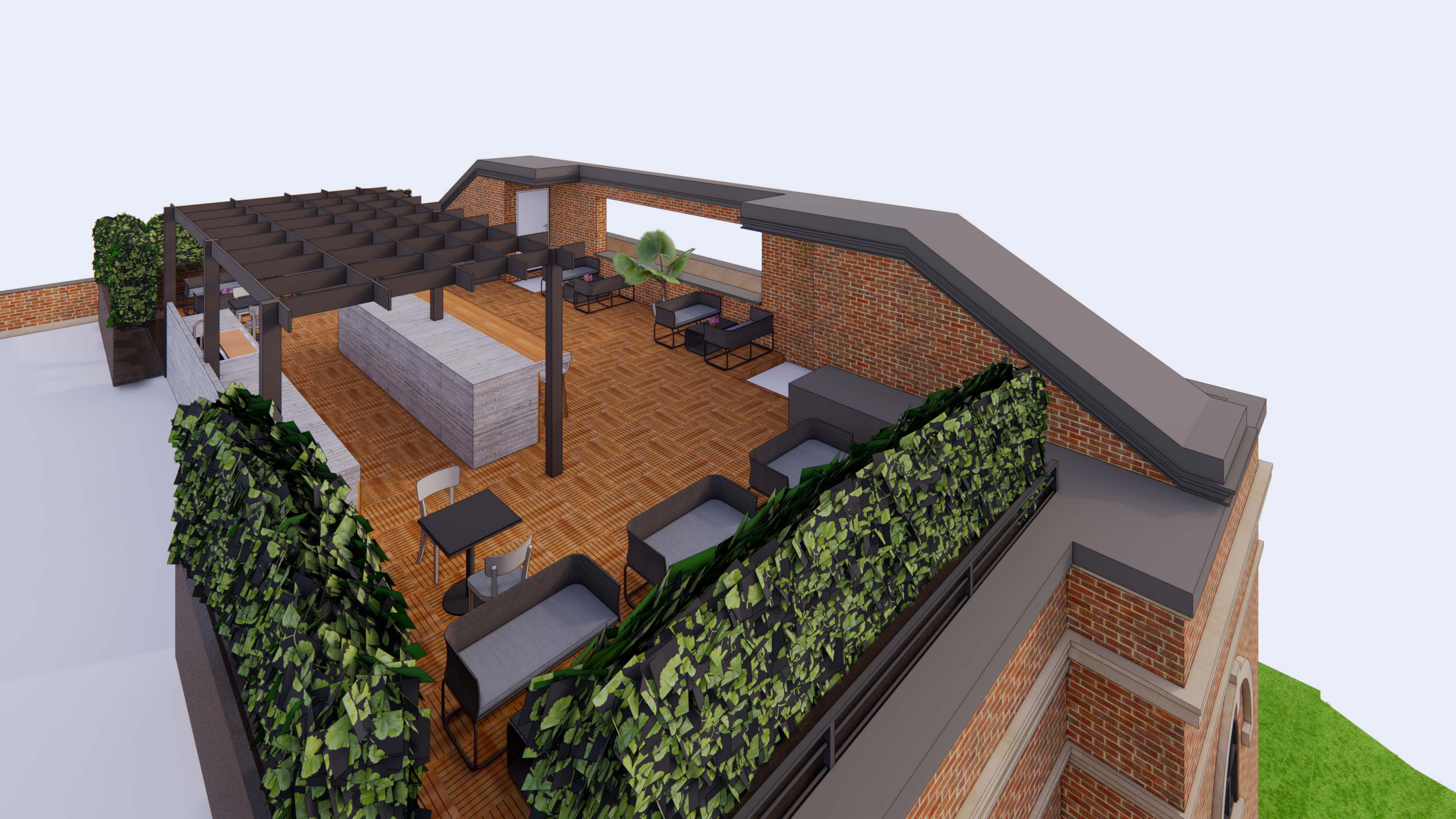


















WOOD TILES

August 2022

Beauty, Longevity, and Exceptional Value

BISON WOOD TILES

Bison Wood Tiles offer the design flexibility to create versatile, unique outdoor spaces. Commercial grade, responsibly harvested, hardwood tiles are weather resistant and available in standard and FSC® Certified (SCS-COC-002585) species.

- Species include: Bamboo, Cumaru, Garapa, Ipê, Itauba, and Tigerwood
- Exclusive Bison FS-1 Fastening Kit and Continuous Kerf Cut Design allows for easy tile attachment, removal, and replacement
- Modular sizes 2′ x 2′, 4′ x 2′, 6′ x 2′, 8′ x 2′, and 30″ x 30″
  - Pedestals to be spaced on a 2′ grid for all Bison Wood Tile sizes*
- Custom sizes available
- Full System Warranty available when installed with Bison Pedestals
- May be covered by one or more Patents
- Bison Ipê Wood Tile Systems can meet:
  - ASTM E108 Class A Spread of Flame
  - ANSI A137.1 Slip Resistance
  - Wind Uplift Criteria set forth in ASCE 7**
  - Seismic Design Categories (SDC) A-F

FSC
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FSC® C013454
The mark of responsible forestry



*Bison 30″ x 30″ Wood Tiles installed on a 30″ grid.
**Wind Uplift documents not contained herein.

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Bison Ipê Wood Tiles



Model: WTIPE24-SMOOTH

Model: WTIPE24-SMOOTH
Model: WTIPE24-RIBBED
Model: WTIPE3030-10PLANK
Species: Ipê
Color: Brown*
ASTM E108: Class A Spread of Flame
Janka Hardness Rating: 3,680 lbs.
Dimensions: 23.875" x 23.875" x 1.69"
29.875" x 29.875" x 1.69"
Weight: 24 lbs. / 34 lbs.
Weight psf: 6 psf / 5.4 psf
Bison Continuous Kerf cut design



Model: WTIPE3030-10PLANK-SMOOTH



Model: WTIPE48
Species: Ipê
Surface: Smooth or Ribbed
Color: Brown*
ASTM E108: Class A Spread of Flame
Janka Hardness Rating: 3,680 lbs.
Dimensions: 47.9375" x 23.875" x 1.69"
Weight: 48 lbs.
Weight psf: 6 psf
Bison Continuous Kerf cut design

Model: WTIPE48-ECO
Species: Ipê
Surface: Smooth
Color: Brown*
ASTM E108: Class A Spread of Flame
Janka Hardness Rating: 3,680 lbs.
Dimensions: 47.9375" x 23.875" x 1.69"
Weight: 60 lbs.
Weight psf: 7.5 psf
Bison Continuous Kerf cut design



*Wood tile colors may differ from photos and change without notice. Unless specified in the item number above, tile slat sizes may vary and will be determined by availability at the time of order. Bison recommends ordering enough tiles to complete each project.



Bison Cumaru Wood Tiles



Model: WTCUMARU24
Species: Cumaru
Surface: Smooth
Color: Golden Brown*
ASTM E108: Class A Spread of Flame
Janka Hardness Rating: 3,540 lbs.
Dimensions: 23.875" x 23.875" x 1.69"
Weight: 24 lbs.
Weight psf: 6 psf
Bison Continuous Kerf cut design



Model: WTCUMARU48
Species: Cumaru
Surface: Smooth
Color: Golden Brown*
ASTM E108: Class A Spread of Flame
Janka Hardness Rating: 3,540 lbs.
Dimensions: 47.9375" x 23.875" x 1.69"
Weight: 48 lbs.
Weight psf: 6 psf
Bison Continuous Kerf cut design

*Wood tile colors may differ from photos and change without notice.



Bison FSC© Ipê Wood Tiles



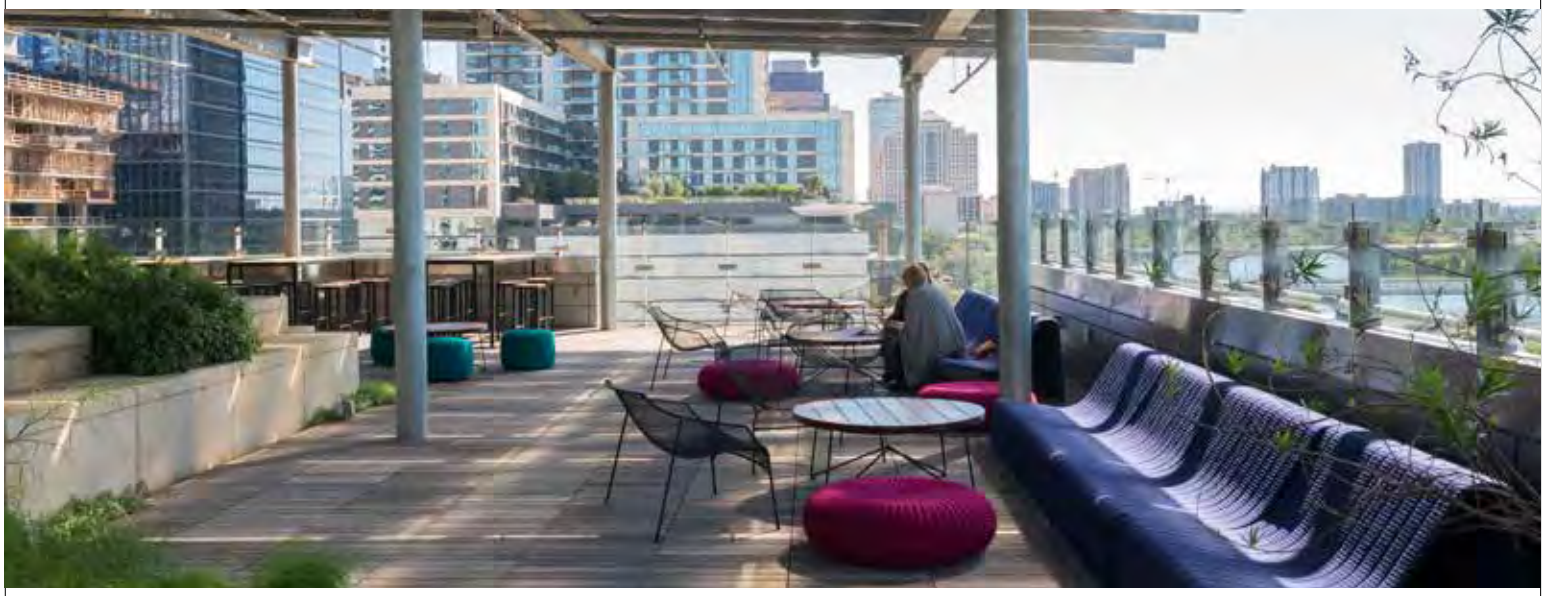
Model: WTFSC-100%-IPE24
Species: Ipê
Surface: Smooth
Color: Brown*
ASTM E108: Class A Spread of Flame
Janka Hardness Rating: 3,680 lbs.
Dimensions: 23.875" x 23.875" x 1.69"
Weight: 24 lbs.
Weight psf: 6 psf
Bison Continuous Kerf cut design

Bison FSC© Ipê AB Wood Tiles



Model: WTFSC-100%-IPE24-AB
Species: Ipê
Surface: Smooth
Color: Brown*
ASTM E108: Class A Spread of Flame
Janka Hardness Rating: 3,680 lbs.
Dimensions: 23.875" x 23.875" x 1.69"
Weight: 24 lbs.
Weight psf: 6 psf
Bison Continuous Kerf cut design

*Wood tile colors may differ from photos and change without notice.



Bison FSC© Cumaru Wood Tiles



Model: WTFSC-100%-CUMARU24
Model: WTFSC-100%-CUMARU48
Species: Cumaru
Surface: Smooth
Color: Golden Brown*
ASTM E108: Class A Spread of Flame
Janka Hardness Rating: 3,540 lbs.
Dimensions: 23.875" x 23.875" x 1.69" / 47.9375" x 23.875" x 1.69"
Weight: 24 lbs. / 48 lbs.
Weight psf: 6 psf / 6 psf
Bison Continuous Kerf cut design

Bison FSC© Garapa Wood Tiles



Model: WTFSC-100%-GARAPA24
Species: Garapa
Surface: Smooth
Color: Golden Brown*
ASTM E108: Class A Spread of Flame
Janka Hardness Rating: 1,630 lbs.
Dimensions: 23.875" x 23.875" x 1.69"
Weight: 24 lbs.
Weight psf: 6 psf
Bison Continuous Kerf cut design

*Wood tile colors may differ from photos and change without notice.



Bison Itauba Wood Tiles



Model: WTITAUBA24
Species: Itauba
Surface: Smooth
Color: Brown*
ASTM E108: Class A Spread of Flame
Janka Hardness Rating: 2,274 lbs.
Dimensions: 23.875" x 23.875" x 1.69"
Weight: 18 lbs.
Weight psf: 4.5 psf
Bison Continuous Kerf cut design

Bison Tigerwood Wood Tiles



Model: WTTIGERWOOD24
Species: Tigerwood
Surface: Smooth
Color: Brown**
ASTM E108: Class A Spread of Flame
Janka Hardness Rating: 2,170 lbs.
Dimensions: 23.875" x 23.875" x 1.69"
Weight: 19 lbs.
Weight psf: 4.8 psf
Bison Continuous Kerf cut design

*Wood tile colors may differ from photos and change without notice.
**Tigerwood hues will vary between growth patterns, and some planks may not exhibit the signature striping.



Bison Bamboo Tiles



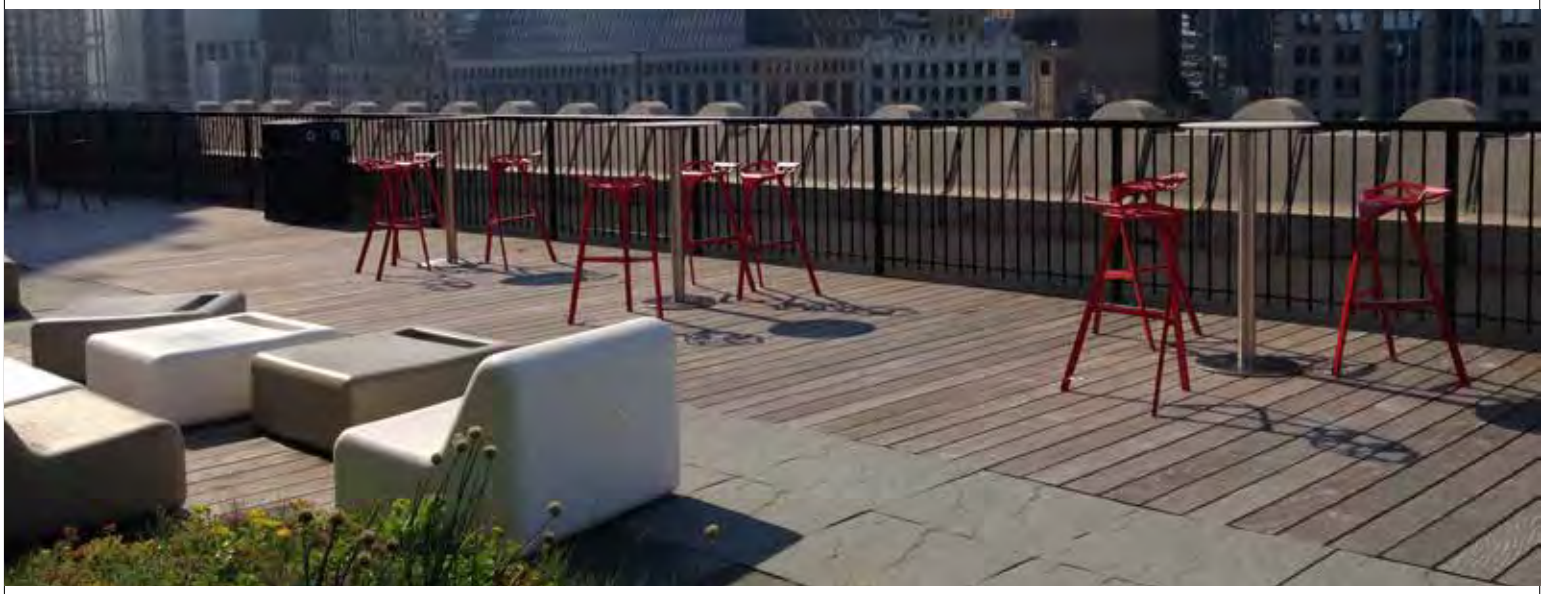
Model: WTBAMBOO24
Species: Bamboo
Surface: Smooth
Color: Dark Brown*
ASTM E84: Class A Spread of Flame
Janka Hardness Rating: 3,850 lbs.
Dimensions: 23.88" x 23.88" x 1.57"
Weight: 26 lbs.
Weight psf: 6.5 psf
Bison Continuous Kerf cut design

Bamboo Tiles are a rich brown color and are constructed from renewable, sustainable natural bamboo that is manufactured using a patented process that reinforces its natural strength characteristics.
NOTE: Please see the most up to date version of Bison Wood Tile Care & Maintenance Considerations for Bamboo Tile specific care, which can be found online at www.bisonip.com.

Bamboo Tiles:

- Renewable - fastest growing plant in the world, grows 1-4" a day
- Sustainable - can be reharvested every 3 years without harming the environment
- Durable - high density strength exceeding most traditional hardwoods
- Uniform Appearance - no rays or knots as found in natural wood

*Wood tile colors may differ from photos and change without notice.



Bison Special Order Wood Tiles

Please inquire for availability of other wood species.



Model: WTIPE72
Species: Ipê
Surface: Smooth
Color: Brown*
ASTM E108: Class A Spread of Flame
Janka Hardness Rating: 3,680 lbs.
Dimensions: 72" x 23.875" x 1.69"
Weight: 71 lbs.
Weight psf: 5.9 psf
Bison Continuous Kerf cut design



Model: WTIPE96
Species: Ipê
Surface: Smooth
Color: Brown*
ASTM E108: Class A Spread of Flame
Janka Hardness Rating: 3,680 lbs.
Dimensions: 96.0625" x 23.875" x 1.69"
Weight: 88 lbs. Weight psf: 5.5 psf
Bison Continuous Kerf cut design

*Wood tile colors may differ from photos and change without notice. Unless specified in the item number above, tile slat sizes may vary and will be determined by availability at the time of order. Bison recommends ordering enough tiles to complete each project.



Bison Custom Wood Tiles

Bison custom wood tiles can be manufactured to your specific design requirements. Contact the Bison sales team for more information.





Sourcing

Bison is committed to ethical business practices and responsible interactions with our employees, customers, and suppliers. Bison ensures that the hardwoods used in all our wood tile products are harvested from sustainable sources that comply with strict regulations regarding extraction, milling, and transport. Bison is committed to meeting the Lacey Act's objectives of preventing illegally sourced woods from being trafficked in the United States. Bison only chooses global partners who support these core values to meet or exceed the standards of environmental management. Bison will not knowingly transport, sell, receive, or purchase any wood that has been illegally sourced.



Installation

Bison recommends the use of Bison Pedestals and the FS-1 Wood Tile Fastening Kit when installing Bison Wood Tiles. The Bison Pedestal/Wood Tile System installs quickly, securely, and allows for single tile removal after installation if needed. The FS-1, available exclusively from Bison, fastens Bison Wood Tiles to Bison Pedestals without penetrating or damaging the wood. When installing an FS-1, use the long screw for adjustable pedestals or the short screw for HD50 and HD75 fixed height pedestals. Using the wrong screw could cause damage to the roofing membrane. *NOTE: For more information, please reference the most up to date version of the Bison Wood Tiles Installation Details, which can be found online at www.bisonip.com.*

Testing

Bison Ipê Wood Tiles meet or exceed these standards.

NOTE: Customer to verify acceptable uses for each project according to the presiding building code authority. All products to be installed per the most up to date Bison Wood Tiles Installation Details and/or Specifications at the time of installation, which can be found online at www.bisonip.com.

Description	Test	Bison Ipê Results/Requirements
Slip Resistance	ANSI A137.1	DCOF ≥ 0.46 (Wet)
Solar Reflective Indices	ASTM E 1980-11	45 (Average) New 36 (Average) Weathered One Year
Solar Reflectance	ASTM C1549-09	0.403 New 0.321 Weathered One Year
Hemispherical Emittance	ASTM C1371-04a	0.894 New 0.925 Weathered One Year
Wind Uplift on Pedestals	FBC TAS-108	Aerodynamic Multiplier with Bison Wind System & Installation Guidelines
Seismic	ICC ES AC-156	For use in Seismic Zones A-F with Bison Seismic System & Installation Guidelines
Fire – Spread of Flame	ASTM E108	Class A Spread of Flame
Fire – Flame Spread & Smoke Developed	ASTM E84	Class B
Fire – SF WUI Under-Flame Test	SFA 12-7-A-4 Part A	Pass
Concentrated Load on Versadjust Pedestals	CISCA Section 1: Concentrated Loads	Maximum Total Load 1,000 lbs (453.59 kg) FoS:3
Uniform Load on Versadjust Pedestals	ICC ES AC300-2010	Maximum Total Load 688 psf (3359.09 kg/m^2) FoS:3

Care & Maintenance Considerations

Bison Wood Tiles are an ideal long-lasting, low-maintenance decking solution providing warmth, excellent weather resistance, and architectural charm to decks.

Wood Characteristics

Bison Wood Tiles are made of South American (Cumaru, Ipê, Garapa, Itauba, and Tigerwood) and Chinese (Fused Bamboo) hardwoods which contain a rich variety of graining and coloration, are exceptionally dense, and resistant to insects. Bison Wood Tiles are a natural material that can absorb or lose moisture in different climates. The natural shading, coloration, and graining variations add to the architectural character and overall visual appeal of the finished product.

Being a natural product, Bison Wood Tiles will react to the surrounding environmental conditions. Surfaces may spot or stain when exposed to various materials including: metal, steel, iron, or aluminum filings, pieces, equipment, tools, or fasteners; iron enriched fertilizers; plant debris; animal urine; beverage, food, or grease spills; or mildew that naturally occurs in humid or moist locations. To avoid spotting or staining during construction, Bison recommends covering the deck to reduce exposure to metal that could rust and react with the deck surface.

Cleaning, Sealing, & Staining

Bison Wood Tiles are made of hardwoods that will weather over time, developing a silvery-gray patina. In order to maintain the original coloring, Bison Wood Tiles can be periodically cleaned and sealed. Use deck products designed for hardwoods. Spot cleaning can be done, but for a consistent appearance, Bison recommends cleaning the entire deck. Most decks need to be cleaned after installation is complete.

Test any cleaners, brighteners, or sealants in an inconspicuous area first before applying them to the installed deck. In addition, always check with the manufacturer of your roof membrane to ensure that any cleaning solution, stain, oil, deck brightener, or bleach will not compromise or damage the waterproofing membrane. Remember to use safety glasses, respirators, and gloves in handling any materials that contain chemicals. Refer to product manufacturer's SDS for more information on chemical components and safe handling practices. CAUTION: Do not scrub tiles with wire, iron, or steel brushes.

The following manufacturers offer products specifically designed for use with dense hardwoods: Messmer's, Penofin, Defy, and TimberPro. Follow the manufacturers' instructions and repeat as needed to clean stubborn stains. Rinse the deck, adjacent walls, and surrounding areas thoroughly with water prior to and after using wood cleaners or brighteners. Once cleaned and dry, you may apply a UV finish or sealant to the wood if desired.

NOTE: Additional Bison Wood Tile Care & Maintenance Considerations and Wood Tile Cleaning Recommendations are available online at www.bisonip.com.

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SIGN REVIEW BOARD

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Application Cover Page

Docket No.: 04-34-23

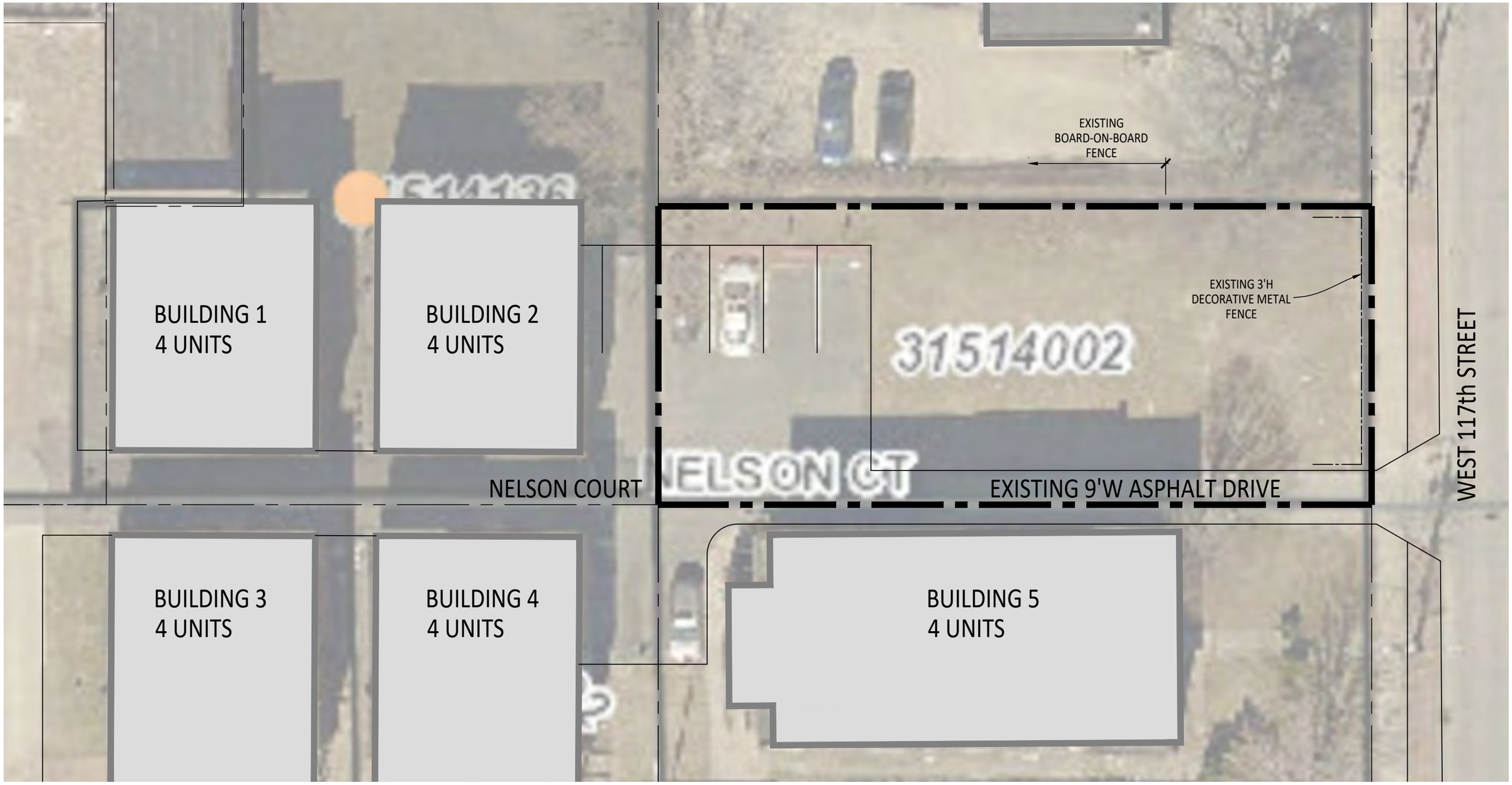
Permit No.: BBS23-000025

Applicant Name: Brian Grambort; Hiti, DiFrancesco and Siebold, Inc.

Project Address: 1484 W. 117th St.

Project Name: Nelson Court

Project: Applicant proposes a parking lot design.



EXISTING SITE PLAN

1/16" = 1'-0"

AS
1

NELSON COURT PARKING

1484 WEST 117TH, LAKEWOOD, OHIO 44107

Emerald Development &
Economic Network, Inc.

Hiti, DiFrancesco and Siebold, Inc.
MARCH 22, 2023

© 2023 Hiti, DiFrancesco & Siebold, Inc.



UNIT ASSESSMENT	
BUILDING 1	5 UNITS
BUILDING 2	5 UNITS
BUILDING 3	4 UNITS
BUILDING 4	4 UNITS
BUILDING 5	4 UNITS
TOTAL	22 UNITS

EXISTING PARKING ASSESSMENT
5 SPACES EAST OF BUILDING 2
2 SPACES BETWEEN BUILDINGS 4 AND 5
TOTAL 7 PARKING SPACES

PROPOSED PARKING ASSESSMENT
14 SPACES EAST OF BUILDING 2
3 SPACES NORTH OF BUILDING 2
2 SPACES BETWEEN BUILDINGS 4 AND 5
TOTAL 19 PARKING SPACES

PROPOSED SITE PLAN

1/16" = 1'-0"

AS
2

NELSON COURT PARKING

1484 WEST 117TH, LAKEWOOD, OHIO 44107

Emerald Development &
Economic Network, Inc.

Hiti, DiFrancesco and Siebold, Inc.
MARCH 22, 2023

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PRIVATE PROPERTY
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MONTAGE PLUS®



ORNAMENTAL STEEL FENCE

Montage Plus ornamental steel fence has the *versatility to fit many different project applications.* With its ability to *traverse varying grades,* variety of *distinct product styles* and unmatched coating performance, Montage Plus is the *preferred choice for ornamental fence.*





PRIMARY APPLICATIONS

- ***Commercial Developments***
- ***Self Storage***
- ***Apartments*** *(Multi-Family)*
- ***Parks & Recreation***
- ***Schools & Universities***

FENCE PRODUCTS

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ASSA ABLOY, the global leader in door opening solutions

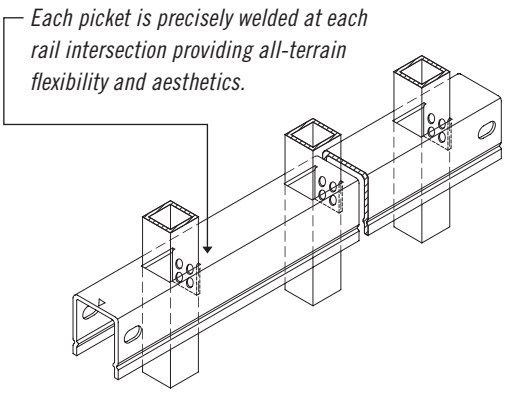
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ASSA ABLOY

MONTAGE PLUS®

ORNAMENTAL STEEL FENCE

.75"sq x 18ga PICKETS | 1.4375" x 1.5" x 14ga RAILS | 2.5"sq x 16ga POSTS



STYLE OPTIONS



Also available in Pool, Pet & Play (3" air spacing) – styles vary

PROFUSION WELDED STEEL



All Montage fence panels are fabricated using Ameristar's ProFusion welding process. This technique combines laser and fusion technology to create a virtually invisible structural connection at every picket to rail intersection. Unlike typical aluminum fence systems that are held together with unsightly screws, the ProFusion weld used with Montage promotes a "good neighbor" profile with sleek lines and no exposed picket to rail fasteners. When compared to aluminum fencing, Montage's welded steel construction is unmatched in strength and durability.

E-COAT™ PROTECTIVE FINISH



Montage galvanized steel framework is subjected to a multi-stage pre-treatment/wash *(with zinc phosphate),* followed by a duplex cathodic electrocoat system consisting of an epoxy primer, which significantly increases corrosion protection, and an acrylic topcoat, which provides the protection necessary to withstand adverse weathering effects. This process results in years of maintenance-free ownership.

20 YEAR LIMITED WARRANTY



The Montage families of fencing products are manufactured from superior quality materials by skilled craftsmen with the highest standards of workmanship in the industry. Ameristar is confident in offering Montage with a 20 year limited warranty.

DOMESTIC MANUFACTURING



Ameristar is committed to providing products that are manufactured in the USA. We have made significant investments in technology, process improvement, and employee training in an effort to secure American jobs and combat inferior import products.

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SIGN REVIEW BOARD

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Application Cover Page

Docket No.: 04-35-23

Permit No.: BBS23-000013

Applicant Name: Jason Dawson, Total Image Solutions

Project Address: 14718 Madison Ave.

Project Name: Joe's Kwik Mart

Project: Applicant proposes the reface of one panel on sign and storefront sign.

Google Maps 14718 Madison Ave

Storefront Sign



Map data ©2023 , Map data ©2023 20 ft

ID Sign
1 panel retace



14718 Madison Ave

Building

Directions Save Nearby Send to phone Share

14718 Madison Ave, Lakewood, OH 44107

Photos

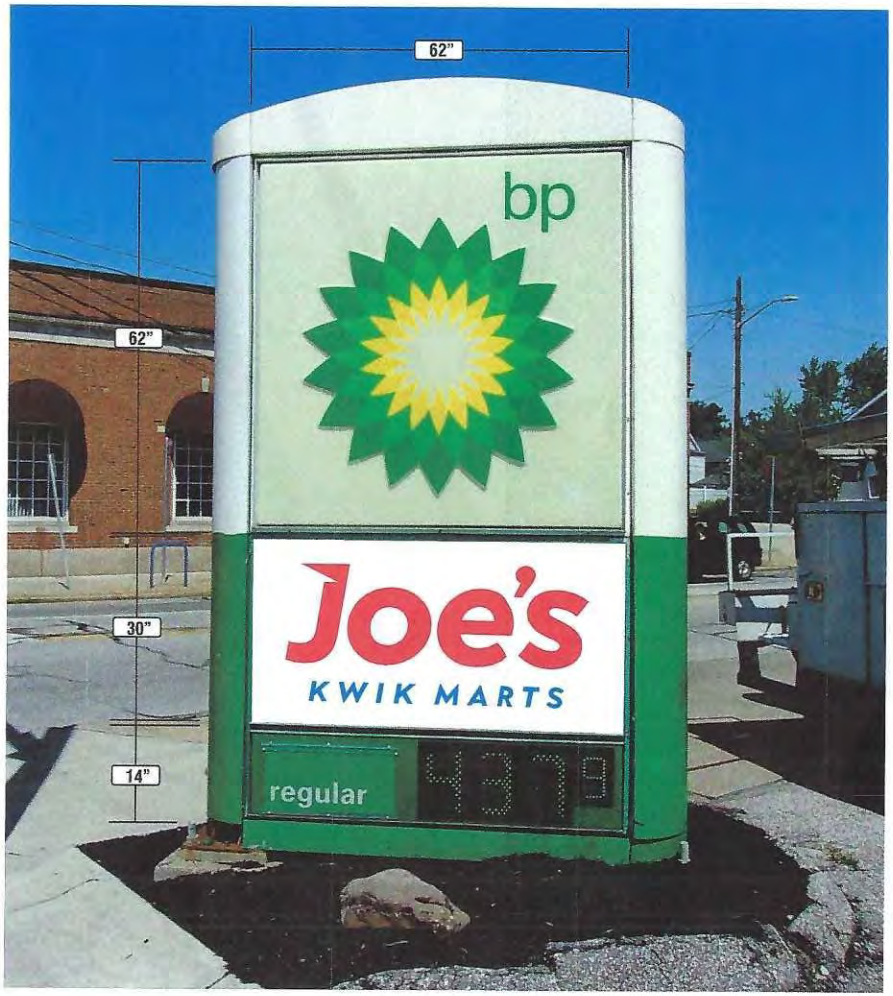
BP - Joes Kwik Marts

Reface existing sign and Install new Joes Kwik Marts Panel

Existing Sign: 45.6 sq. ft, 10' OAH



Proposed Sign: 45.6 sq. ft, 10' OAH



TOTAL IMAGE SOLUTIONS

totalimagesolutions.com

196 Theater Rd.
South Hill, VA 23970

P: (434) 447-3347
F: (434) 447-3266

Brand	BP
Address	14718 Madison Ave Lakewood, OH
Site ID	-
Branded Wholesaler	-
Date	2-22-23
Revisions	1
Designed By	Raheem R.

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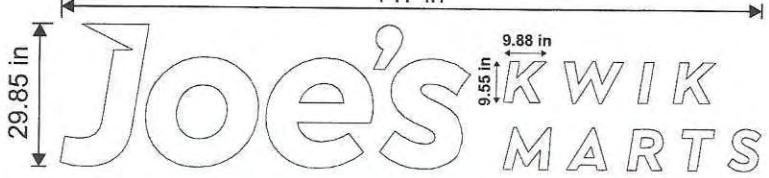
BP - Joes Kwik Marts

Proposed Sign:



Existing:





Sign measurement - 30.4 sq. ft

TOTAL IMAGE SOLUTIONS
totalimagesolutions.com

196 Theater Rd.
South Hill, VA 23970

P: (434) 447-3347
F: (434) 447-3266

Brand
BP
Address
14718 Madison Ave Lakewood, OH
Site ID
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Branded Wholesaler
-
Date
2-22-23
Revisions
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Designed By
Raheem R.

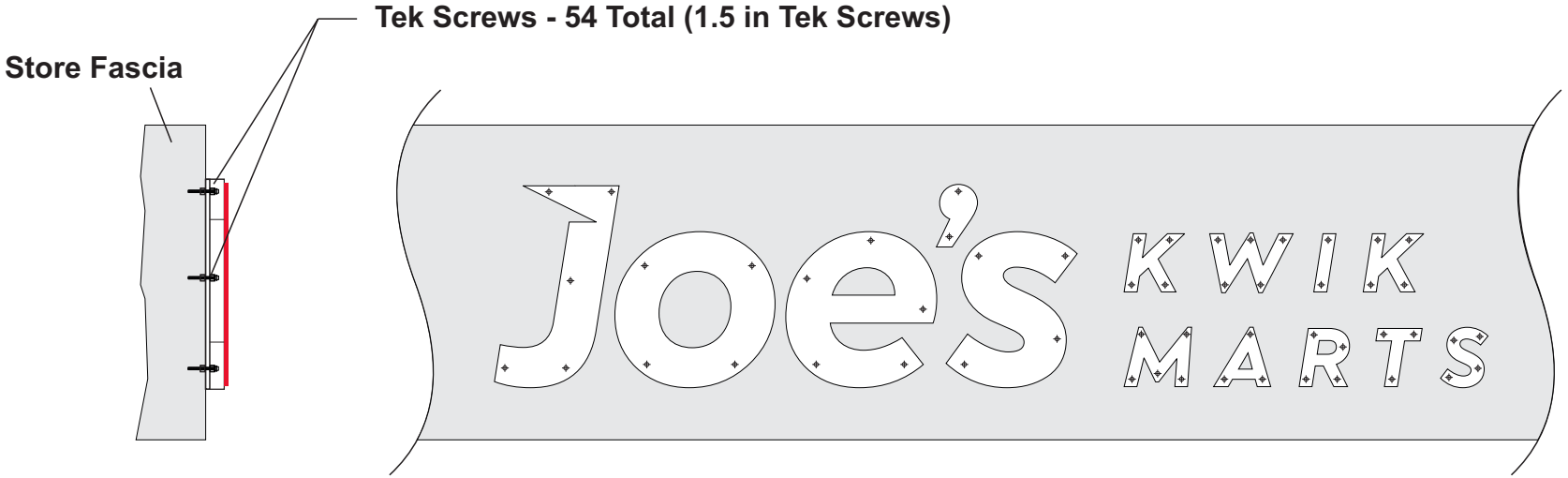
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Joes Kwik Marts

Sign measurement - 30.4 sq. ft





Side Elevation

Front Elevation

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totalimagesolutions.com

196 Theater Rd.
South Hill, VA 23970

P: (434) 447-3347
F: (434) 447-3266

Brand	Joes Kwik Marts
Address	-
Site ID	-
Branded Wholesaler	-
Date	2-22-23
Revisions	1
Designed By	Raheem R.

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Application Cover Page

Docket No.: 04-36-23

Permit No.: BBS23-000015

Applicant Name: Jessica Ruff, Ruff Neon Sign

Project Address: 14615 Detroit Ave.

Project Name: CHASE Bank

Project: Applicant proposes a sign package for a new business.

CHRISTOPHER S. PARMELEE
BUILDING COMMISSIONER
216/529-6295

MARK D. JEWITT
PROPERTY MAINTENANCE SUPERVISOR
216/529-6291

DIVISION OF HOUSING AND BUILDING
12650 DETROIT AVENUE • LAKEWOOD, OHIO 44107 • 216/529-6270 •FAX 216/529-5930
Website: www.lakewoodoh.gov

CERTIFICATE OF PLAN APPROVAL
APPLICATION NUMBER: S23-000012

Project Address	14615 DETROIT AVE
Parcel Number	31404058
Project Description	Install one blade sign, one wall sign and directional for "Chase Bank" per plan.
Use Group	B
Construction Type	2B
Approval Date	February 24, 2023
Drawings Dated	

OWNER
JPMORGAN CHASE BANK
14615 DETROIT AVE
LAKEWOOD, OH 44107

Conditions of Approval

1. ***Define/provide electrical power, conductor sizes, and other information where electrical is provided to the signs. A separate electrical permit may be required for the sign if not previously provided under the tenant permit package/ application. For sign E1, primary electrical has been noted/shown on page 8, but it is unclear if this is new or provided as part of the new building construction. Sign E2 also is shown requiring power, but also unclear if the power provided is under the sign permit or building construction permit. [OBC 106.1.1]***

This is to certify that the submitted construction documents are approved in conformance with Section 105 OBC, subject to the conditions specified above.

Christopher Parmelee
Building Commissioner

City of Lakewood
12650 Detroit Avenue
Lakewood, OH 44107-2832
216.529.6295 (Phone)
216.529.5930 (Fax)
Email: Christopher.Parmelee@lakewoodoh.net

This certificate and one set of approved drawings, manufacturers' installation instructions and product information shall be kept at the work site and available for use by inspectors.

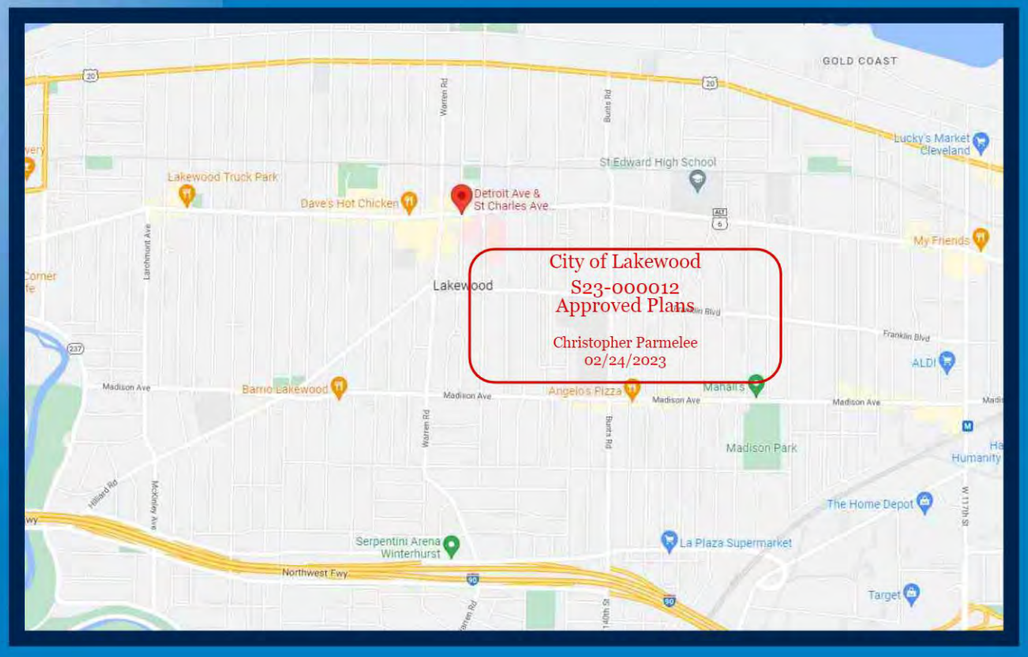
If work specified in this plan approval is not commenced within twelve (12) months of the approval date it shall expire. One extension shall be granted for an additional twelve-month period if requested by the owner in writing at least ten days in advance of the expiration of the approval.

If substantive changes to the building are contemplated during construction, those changes must be submitted to the Building Official for review and approval prior to those changes being executed.

THIS DOCUMENT IS ONLY TO CERTIFY APPROVAL OF THE CONSTRUCTION DOCUMENTS IN CONFORMANCE WITH THE OHIO BUILDING CODE AND IS NOT A PERMIT TO START WORK. PERMITS MUST BE OBTAINED IN CONFORMANCE WITH THE CITY OF LAKEWOOD CODIFIED ORDINANCES.

CHASE

#J20204600447
Lakewood
14615 Detroit Rd.
Lakewood, OH 44107



REVISION NOTES:

RECEIVED
By Mike Reilley at 3:20 pm, Feb 21, 2023

S23-000012

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Phone: (619) 527-6100 / Fax: (619) 527-6111
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JP Morgan Chase Bank
#J20204600447

Lakewood
14615 Detroit Rd.
Lakewood, OH 44107

Initial Date: 10/27/22
Salesperson: Arthur Navarro
Coordinator: Tracey L Pichierri
Designer: ASena
Scale: As noted

CUSTOMER APPROVAL

Customer Signature Date

COPY, COLORS & SIZES

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Customer Signature Date

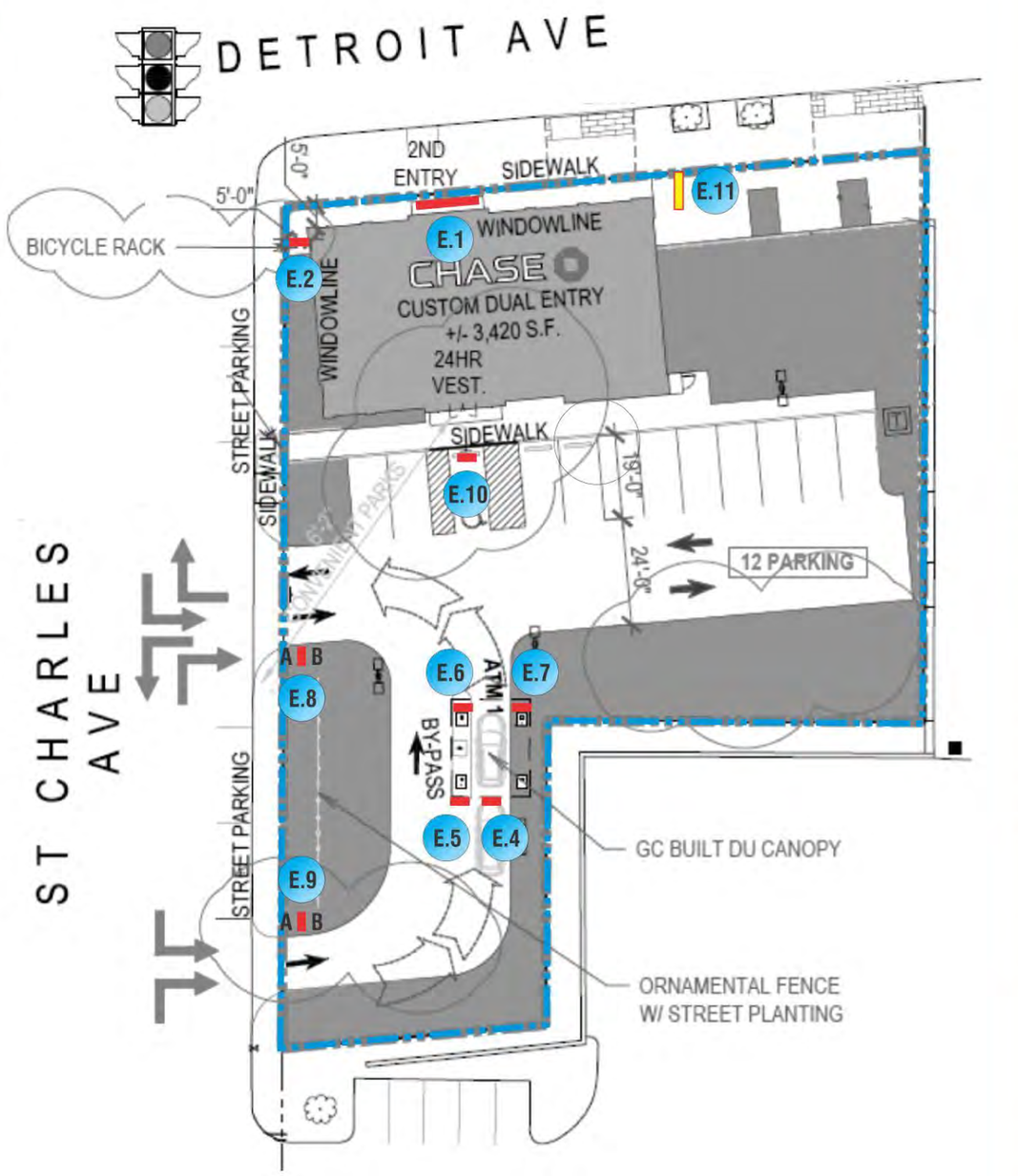
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Drawing Number: 22-02142
Project ID: CHASE_J20204600447_1
Revision: R2 - 11.22.22

Page: **DRC Page 1**

EXTERIOR SIGN LEGEND - ALLOWED

Elevation	Sign No.	Sign Type	Description	Sq.Ft.
North	E.1	LIF-R-WBO-24-CANOPY	24” White Channel Letters and Logo - Canopy Mounted Raceway	36.9
West	E.2	F-14	Illuminated Flag Sign	14
	E.3	CHA-VYL-10X56	Transom Window Vinyl (**SHOWN ON PG 4**)	
	E.4	DU-C	ATM Lane Designator Sign	
	E.5	TC-CL-W	Clearance Sign	
	E.6	TC-W-H-RE	Wall Mount Do Not Enter Sign	
	E.7	TC-W-H-RE	Wall Mount Do Not Enter Sign	
	E.8	D-5-RE	Non-Illuminated Directional Sign	
	E.9	D-5-RE	Non-Illuminated Directional Sign	
	E.10	TC-P-ADA-OH-V-RE	Post Mount Handicap Stall Sign - Van Accessible	
	E.11	COMING SOON	Temporary Construction Site Sign	
			Total Proposed Sq Ft	**50.9**



SITE PLAN **SCALE: 1/32”=1’-0”**

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Lakewood, OH 44107

Initial Date: 10/27/22
Salesperson: Arthur Navarro
Coordinator: Tracey L Pichierri
Designer: ASena
Scale: As noted

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Customer Signature Date

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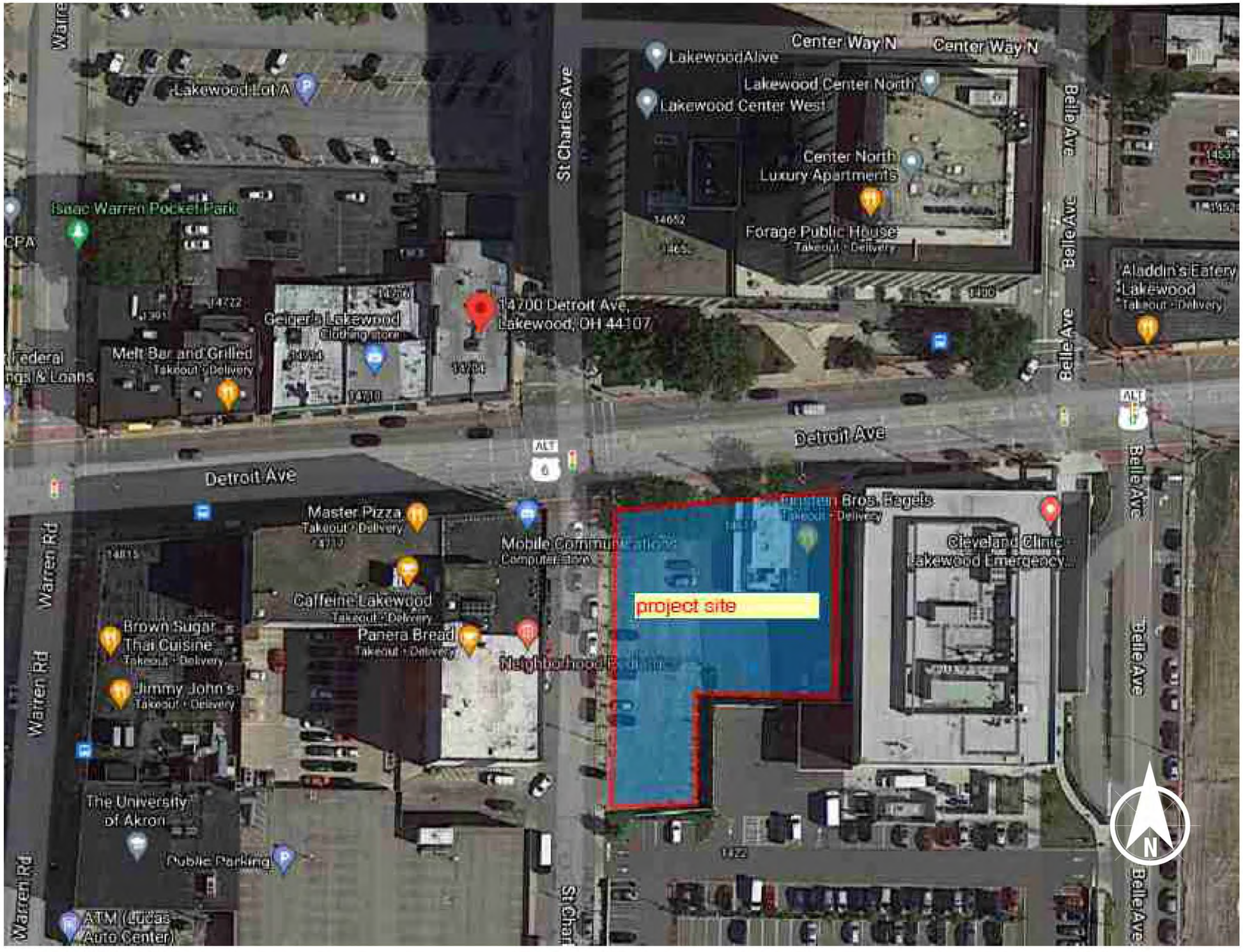
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Drawing Number: 22-02142
Project ID: CHASE_J20204600447_1
Revision: R2 - 11.22.22

Sign Legend / Site Plan

Page: **DRC Page 2**



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JP Morgan Chase Bank
#J20204600447

Lakewood
14615 Detroit Rd.
Lakewood, OH 44107

Initial Date: 10/27/22
Salesperson: Arthur Navarro
Coordinator: Tracey L Pichierri
Designer: ASena
Scale: As noted

CUSTOMER APPROVAL

Customer Signature Date

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Customer Signature Date

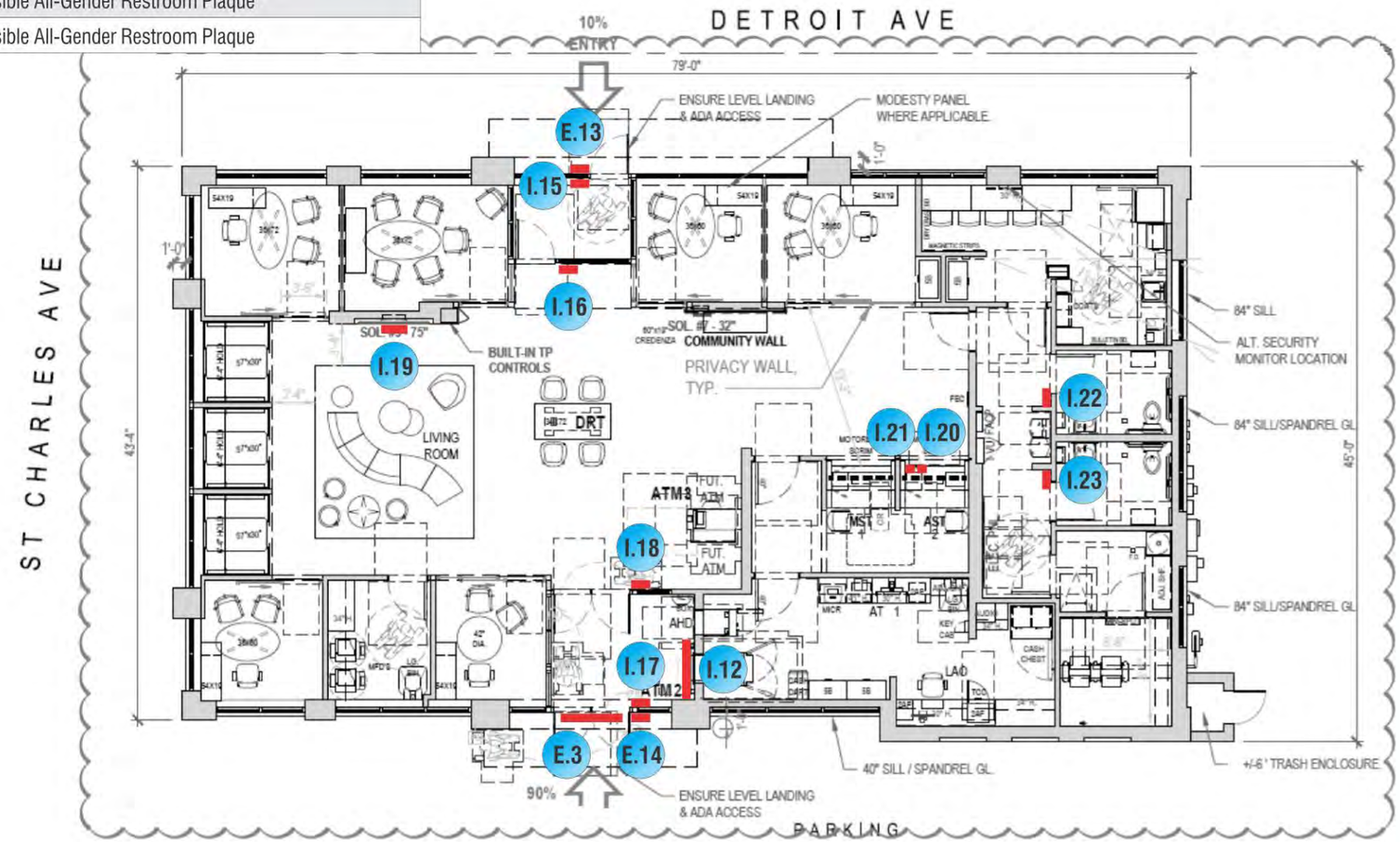
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Drawing Number: 22-02142
Project ID: CHASE_J20204600447_1
Revision: R2 - 11.22.22

Enlarged Aerial Site

INTERIOR SIGN LEGEND

Elevation	Sign No.	Sign Type	Description	Sq.Ft.
	E.3	CHA-VYL-10X56	Transom Window Vinyl	
	I.12	SUR-TTW-U-4-TP	Universal Thin-Profile ATM Surround	
	E.13	ADA-EP	ADA Accessible Entrance Plaque w/ Vinyl Back	
	E.14	ADA-EP	ADA Accessible Entrance Plaque w/ Vinyl Back	
	I.15	ADA-EX	ADA Exit Plaque w/ Vinyl Back	
	I.16	ADA-EX	ADA Exit Plaque w/ Vinyl Back	
	I.17	ADA-EX	ADA Exit Plaque w/ Vinyl Back	
	I.18	ADA-EX	ADA Exit Plaque w/ Vinyl Back	
	I.19	OCT-24-INT	Illuminated Blue Bitro Interior Octagon	
	I.20	ADA-TW	ADA Accessible Teller Window Plaque	
	I.21	ADA-TW-ALS	ADA Assisted Listening System Plaque	
	I.22	ADA-RRAG-A-G	ADA Accessible All-Gender Restroom Plaque	
	I.23	ADA-RRAG-A-G	ADA Accessible All-Gender Restroom Plaque	



FLOOR PLAN **SCALE: 3/32"=1'-0"**

DATE	DESIGNER
09/20/2022	TAP/RJM

Signtech™

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Phone: (619) 527-6100 / Fax: (619) 527-6111
signtech.com

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JP Morgan Chase Bank #J20204600447

Lakewood
14615 Detroit Rd.
Lakewood, OH 44107

Initial Date: 10/27/22
Salesperson: Arthur Navarro
Coordinator: Tracey L Pichierri
Designer: ASena
Scale: As noted

CUSTOMER APPROVAL

Customer Signature Date

COPY, COLORS & SIZES

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Customer Signature Date

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Drawing Number: 22-02142
Project ID: CHASE_J20204600447_1
Revision: R2 - 11.22.22

Sign Legend / Floor Plan

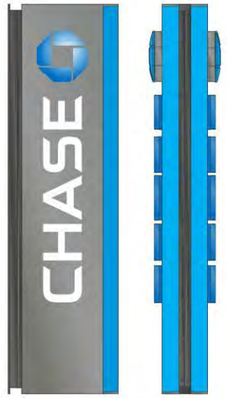
Page: **DRC Page 4**

SIGNAGE OVERVIEW - ALLOWED

E.3 CHA-VYL-10X56



SOUTH ELEVATION SCALE: 1/16”=1’-0”



E.2 F-14



WEST ELEVATION SCALE: 1/16”=1’-0”

E.1 LIF-R-WBO-24
CANOPY MOUNTED



NORTH ELEVATION SCALE: 1/16”=1’-0”



EAST ELEVATION SCALE: 1/16”=1’-0”

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Lakewood
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Lakewood, OH 44107

Initial Date: 10/27/22
Salesperson: Arthur Navarro
Coordinator: Tracey L Pichierri
Designer: ASena
Scale: As noted

CUSTOMER APPROVAL

Customer Signature Date

COPY, COLORS & SIZES

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Customer Signature Date

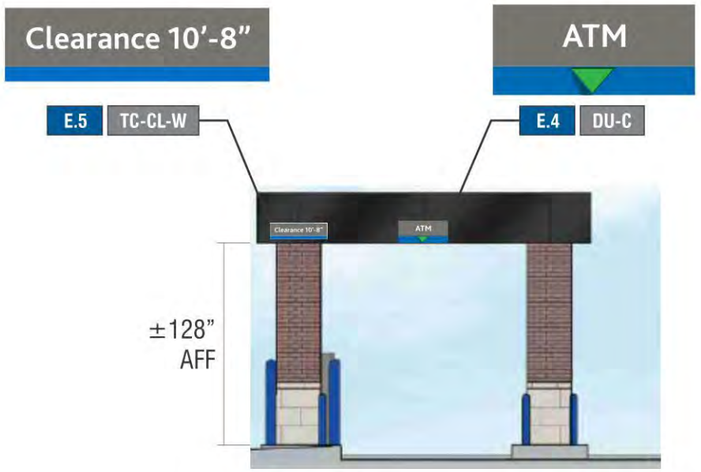
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Drawing Number: 22-02142
Project ID: CHASE_J20204600447_1
Revision: R2 - 11.22.22

Exterior Elevations

Page: DRC Page 5

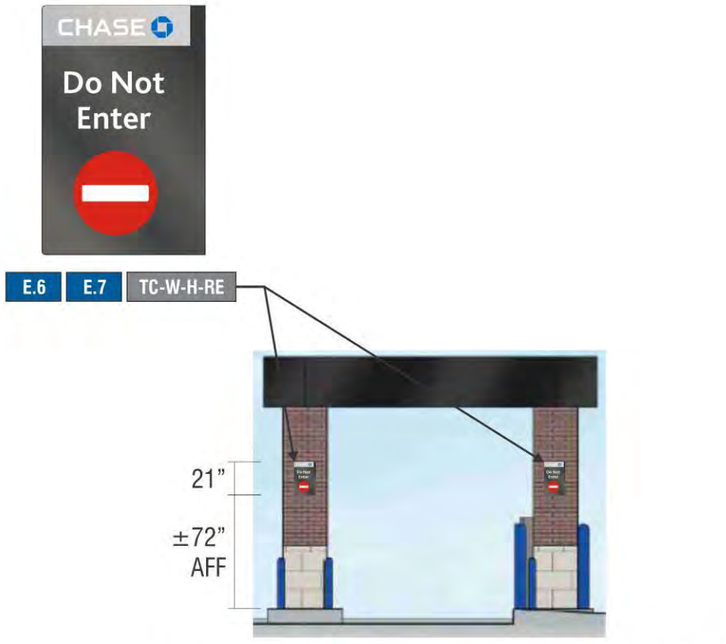
SIGNAGE OVERVIEW - ALLOWED



SOUTH ELEVATION SCALE: 1/8"=1'-0"



WEST ELEVATION SCALE: 1/8"=1'-0"



NORTH ELEVATION SCALE: 1/8"=1'-0"



EAST ELEVATION SCALE: 1/8"=1'-0"

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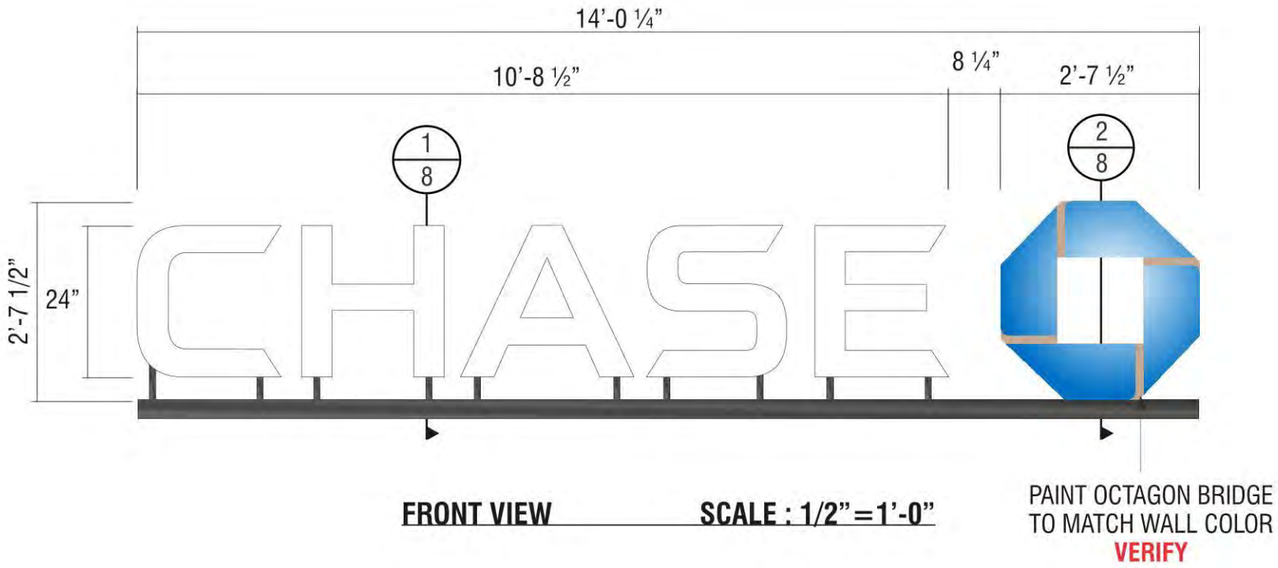
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FRONT VIEW **SCALE : 1/2" = 1'-0"**

E.1

SIGN TYPE **LIF-R-WBO-24-CANOPY** **CANOPY MOUNTED**

MANUFACTURE AND INSTALL ONE (1) SET OF ILLUMINATED LETTERS & LOGO w/PLEX FACES & RETURNS ON CUSTOM WIREWAY

LETTERS:
FACE: .177" ARISTECH #7328 P-95 WHITE PLEX (MATTE SIDE TO BE 1ST SURFACE) CHEM WELDED TO RETURNS
RETURNS: 0.118" x 4" DEEP ARISTECH #6046 BLUE WITH 3635-70 DIFFUSER VINYL ON 2ND (INTERIOR) SURFACE.
BACKS: .080" ALUM BACK WITH ¾" x .080" OUTSIDE ALUM RETURN AND ½" x 1/8" ALUM ANGLE CLIPS ON INTERIOR OF LETTER FOR FACE ATTACHMENT
PAINT: EXTERIOR PAINTED MATTHEWS MP-00366 CHASE BLUE SEMI-GLOSS FINISH (60-70 UNITS) AND INTERIOR PAINTED SPRAY-LAT STAR BRITE WHITE LIGHT ENHANCEMENT PAINT.
ILLUMINATION: SLOAN PRISM 7100K #701269-7WSJ1-MB WHITE LEDs AND SLOAN POWER SUPPLY REQUIRED FOR PROPER EVEN ILLUMINATION.

LOGO:
BACKS: .080" ALUM BACK WITH STACK WELDED 4" x .080" ALUM RETURNS.
LOGO CAN FACE: .080" ALUM BRIDGE ELEMENTS WELDED TO INSIDE & OUTSIDE RETURNS
PLEX FACE: .118" THERMO FORMED ARISTECH #6046 BLUE LOGO ELEMENTS CHEM WELDED TO 3/4" CLEAR PLEX 2ND SURFACE FACES.
PAINT: EXTERIOR PAINT MATTHEWS "CHASE NICKEL" #MP-19891 GLOSS FINISH AND INTERIOR PAINTED SPRAY-LAT STAR BRITE WHITE LIGHT ENHANCEMENT PAINT.
ILLUMINATION: SLOAN PRISM #701269-BLSJ1-MB BLUE LEDs AND SLOAN POWER SUPPLY AS REQUIRED FOR PROPER EVEN ILLUMINATION

ELECTRICAL REQUIREMENTS FOR LED ILLUMINATION
As required by standard #2161 , Signtech Electrical Advertising, Inc., exclusively uses secondary Ground fault-Interrupted (GFI) transformers.
Each Sign MUST have: - A dedicated branch circuit
- Three wires : Line, Ground, and Neutral.
- Wire Size : Min 12 GA THHN Copper Wire.
NOTE: The gauge of the wire is dictated by the length of the run & amperage as per NEC Article 600.
- The ground wire must be continuous & go from the sign to the panelboard ground bus.



3D VIEW OF OCTAGON

ALL EXPOSED FASTENER HEADS SHALL BE PAINTED TO MATCH THE EXTERIOR SURFACE FINISH

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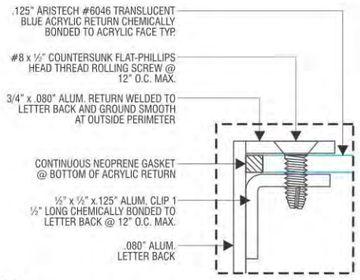
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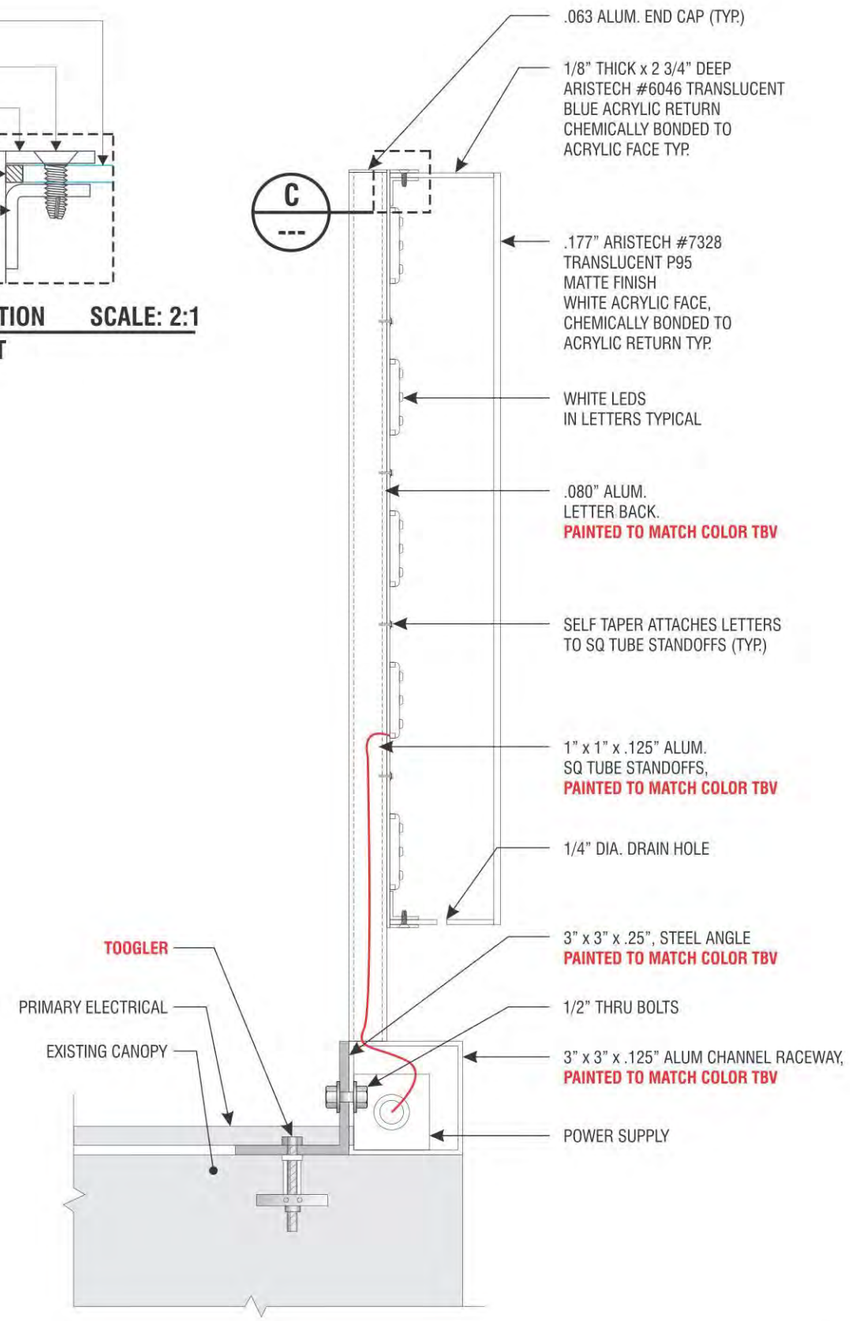
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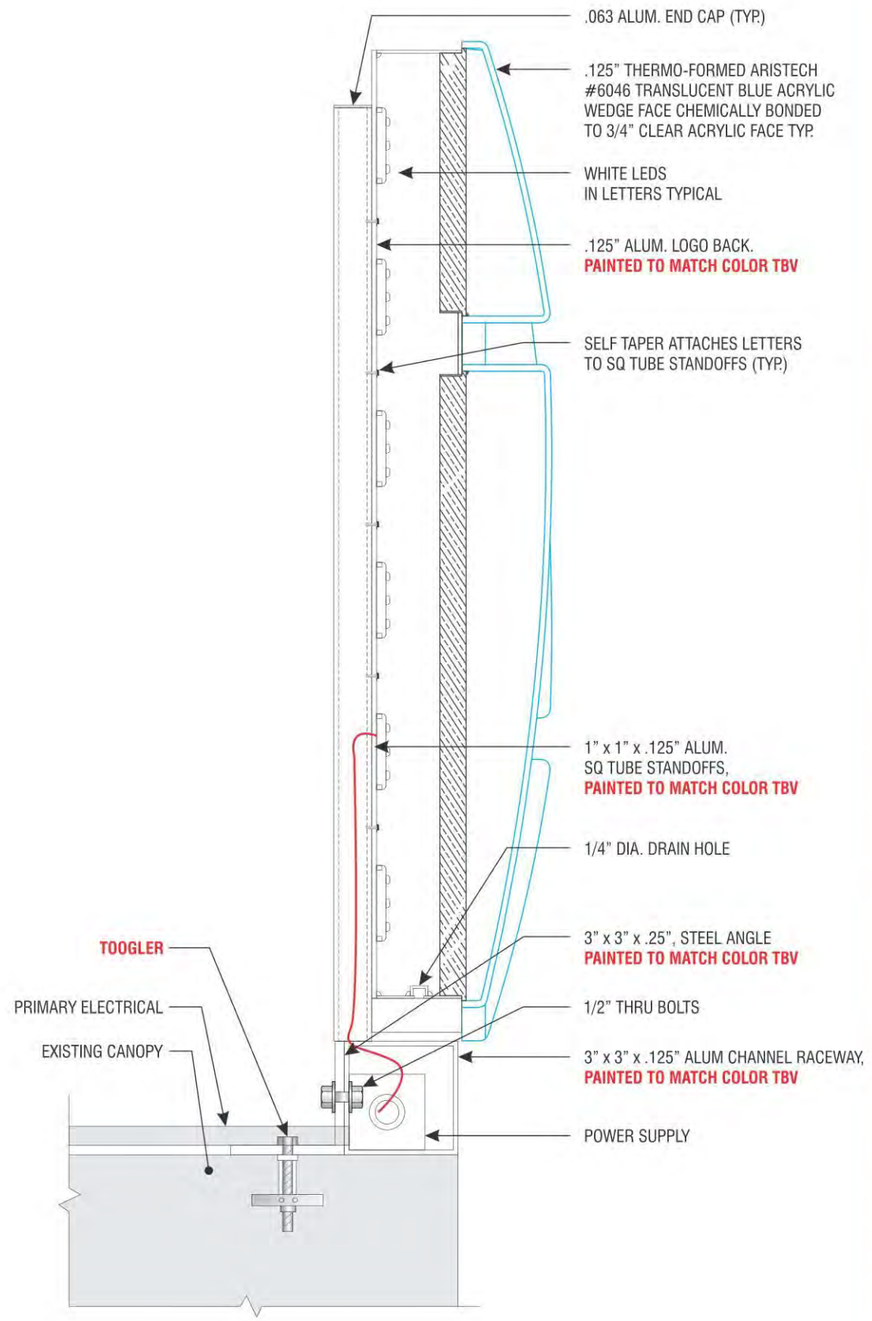
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Revision: R2 - 11.22.22



C / --- **PLEX LETTER SECTION SCALE: 2:1**
DETAIL FRAGMENT



1/8 **PLEX LETTER SECTION DETAIL SCALE: 3" = 1'-0"**



2/8 **PLEX LETTER SECTION DETAIL SCALE: 3" = 1'-0"**

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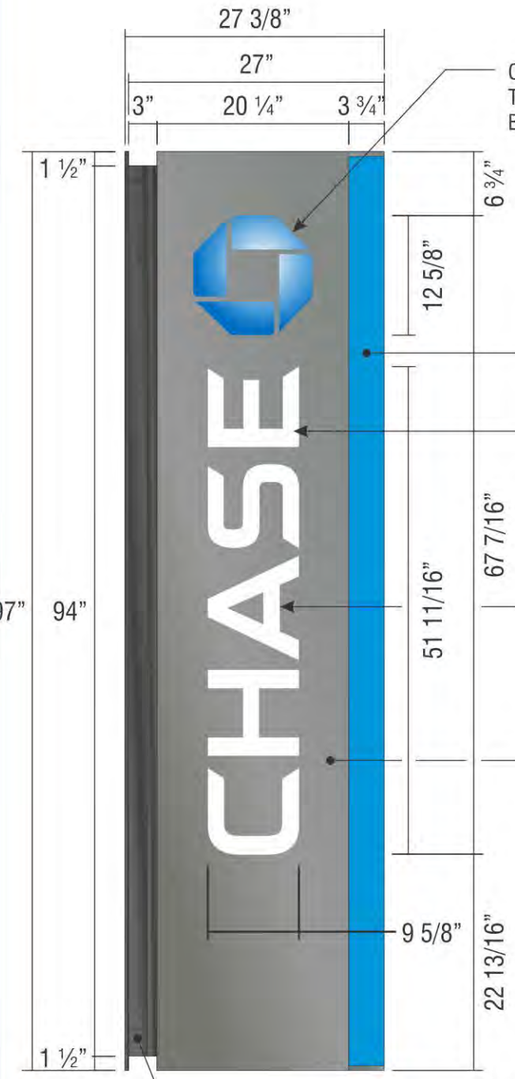
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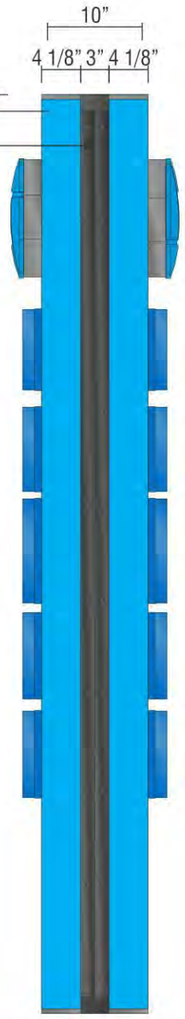
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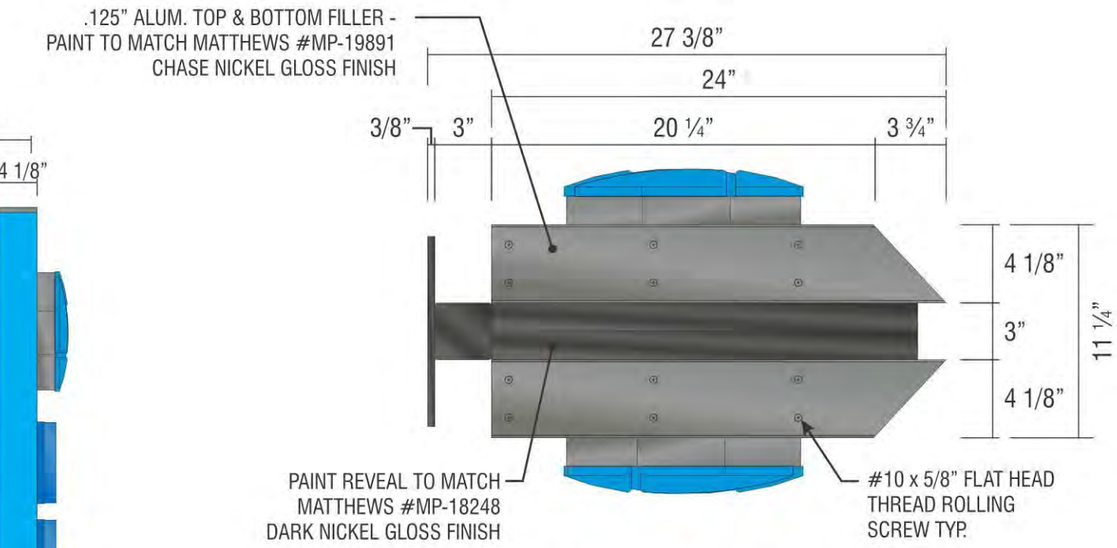
Page: DRC Page 8



FRONT VIEW SCALE: 3/4" =1'-0"



END VIEW SCALE: 3/4" =1'-0"



TOP VIEW SCALE: 1 1/2" =1'-0"

NOTES:
1. DESIGN IS BASED ON 115 MPH 3 SEC GUST DESIGN WIND SPEED PER IBC 2015 EXPOSURE C.
2. STEEL SUPPORT MEMBERS SHALL BE FREE FROM DEFECTS AND SHALL MEET. ASTM A500 GRADE B WITH A MINIMUM YIELD STRENGTH OF 46000 PSI FOR TUBE. STEEL PLATE AND ANGLE SHALL MEET ASTM A36. ALUMINUM SHAPES BE EXTRUDED FROM 6061-T6 ALLOY. ALUMINUM SHEET SHALL BE 3003-H14 ALLOY. ALUMINUM PLATE SHALL BE 5052-H34 ALLOY.
3. STRUCTURAL BOLTS SHALL BE ZINC COATED A325 UNLESS OTHERWISE NOTED. ALL OTHER FASTENERS SHALL BE STAINLESS STEEL OR OTHERWISE COATED TO PREVENT CORROSION.
4. WELDS SHALL BE MADE WITH E70xx ELECTODES FOR STEEL AND 5356 FILLER FOR ALUMINUM BY PERSONS QUALIFIED IN ACCORDANCE WITH AWS STANDARDS WITHIN THE PAST TWO YEARS.
5. THIS DESIGN IS PROTOTYPICAL AND SHOULD NOT BE USED FOR SITE SPECIFIC APPLICATIONS UNLESS DEEMED SUITABLE BY A COMPETENT PROFESSIONAL ENGINEER.

ALL EXPOSED PAINTED SURFACES SHALL BE COATED WITH MATTHEWS @282-208SP VOC GLASS CLEAR, WITH MINIMUM 2 MILS DRY FILM THICKNESS (DFT) PER MATTHEWS APPLICATION SPECIFICATIONS.

E.2 **SIGN TYPE** **F-14**

MANUFACTURE AND INSTALL ONE (1) INTERNALLY ILLUMINATED FLAG BLADE SIGNS

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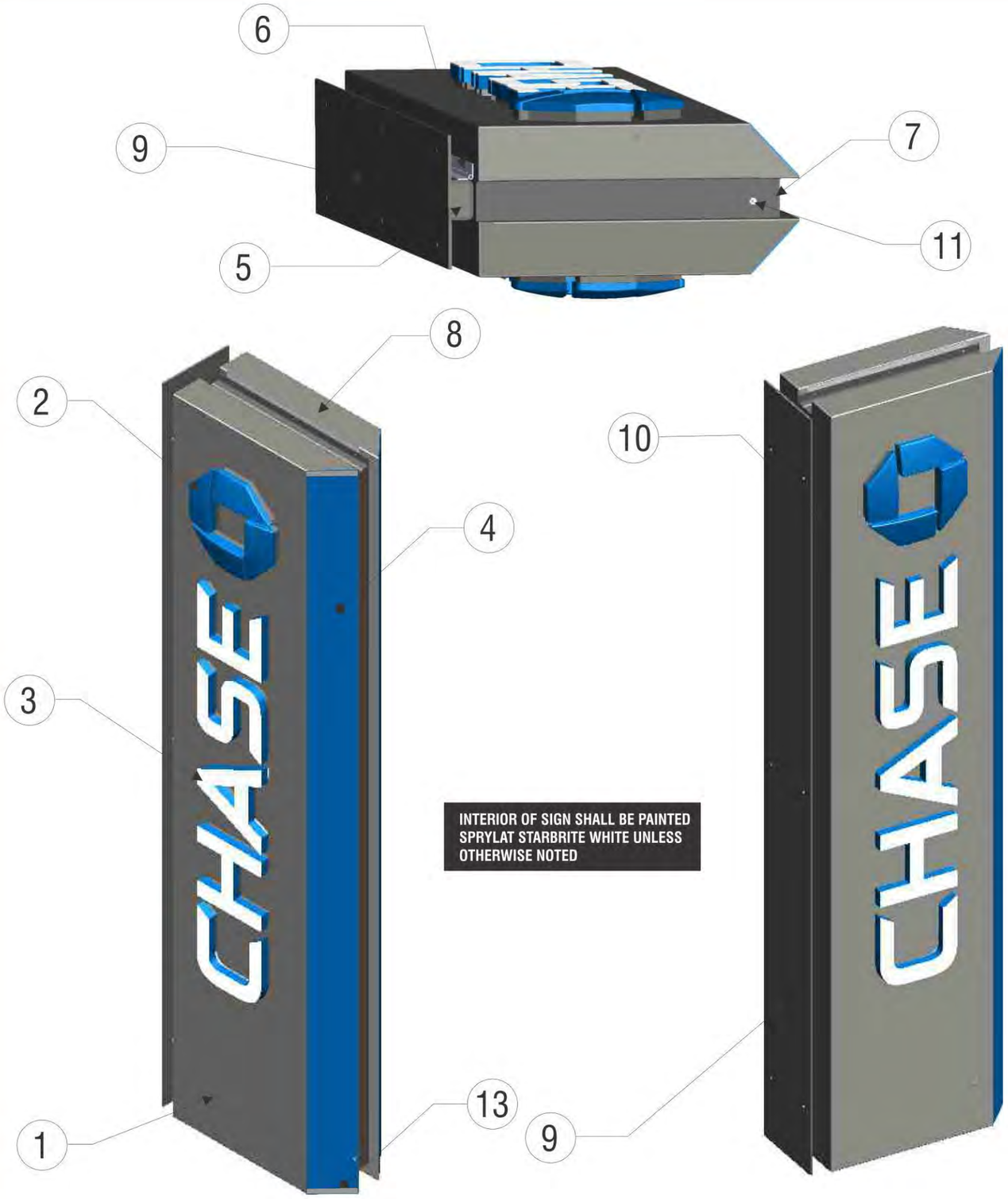
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Revision: R2 - 11.22.22



INTERIOR OF SIGN SHALL BE PAINTED SPRYLAT STARBRITE WHITE UNLESS OTHERWISE NOTED

1. .125" ALUM. SIGN FACE. FORM AS SHOWN. PAINT FINISH CHASE NICKEL MP#19891 WITH GLOSS FINISH.

2. OCTAGON FACE TO BE THERMO-FORMED .118" BLUE TRANSLUCENT ACRYLIC #6046 WITH MATTE FINISH (ARISTECH). FORM AS SHOWN. CHEM WELD SECOND SURFACE TO 3/4" THICK CLEAR ACRYLIC SPACER.

3. **LETTER FACES** TO BE .125" #7328 WHITE TRANSLUCENT ACRYLIC WITH "P-95" FINISH.
LETTER RETURNS TO BE .125" #7328 WHITE TRANSLUCENT WITH CHASE BLUE VINYL OVERLAY ON FIRST SURFACE CHEM WELD SECOND SURFACE TO LETTER FACE. FORM AS SHOWN.

4. ACCENT PANEL TO BE .118" THICK ACRYLIC ARISTECH BLUE ACRYLIC #6046. WITH CHAMFER EDGES TO MATCH ANGLE SHAPE. CHEMICALLY ATTACHED TO WHITE ACRYLIC RETURNS.

5. 3" X 3" X 1/8" STEEL TUBE VERTICAL SUPPORT WELDED TO 3/8" STEEL PLATE FULL LENGTH PAINT FINISH CHASE DARK NICKEL MP#18348

6. HINGE TO BE 2" WITH MIN. 3/8" DIA. NUKLE ALUM. PIANO HINGE FULL LENGTH TO ATTACH LEFT AND RIGHT SIDES FACE PANELS TO CABINET FRAME. PAINT FINISH CHASE DARK NICKEL MP#18348

7. CABINET FRAME OUTRIGGERS TO BE 2"X2"X3/16" STEEL TUBE WELDED TO 3"X3" VERTICAL TUBE AS REQ'D PAINT FINISH CHASE DARK NICKEL MP#18348

8. .125" ALUM. CLADDING. PAINT FINISH CHASE NICKEL MP#19891, GLOSS FINISH.

9. 3/8" STEEL MOUNTING PLATE. PAINT FINISH CHASE DARK NICKEL MP#18348

11. U.L. APPROVE TOGGLE DISCONNECT SWITCH

12. ACCENT STRIP ILLUMINATION TO BE PERMLIGHT NITRO LEDS AS REQUIRED FOR EVEN ILLUMINATION ACROSS FACE WITHOUT HOTSPOTS OR SHADOWS. POWER UNITS INSIDE SIGN AS REQUIRED.

13. 5/8" WIDE BY .125" ALUM. RETAINER. PAINT FINISH CHASE NICKEL MP#19891 WITH GLOSS FINISH.

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Scale: As noted

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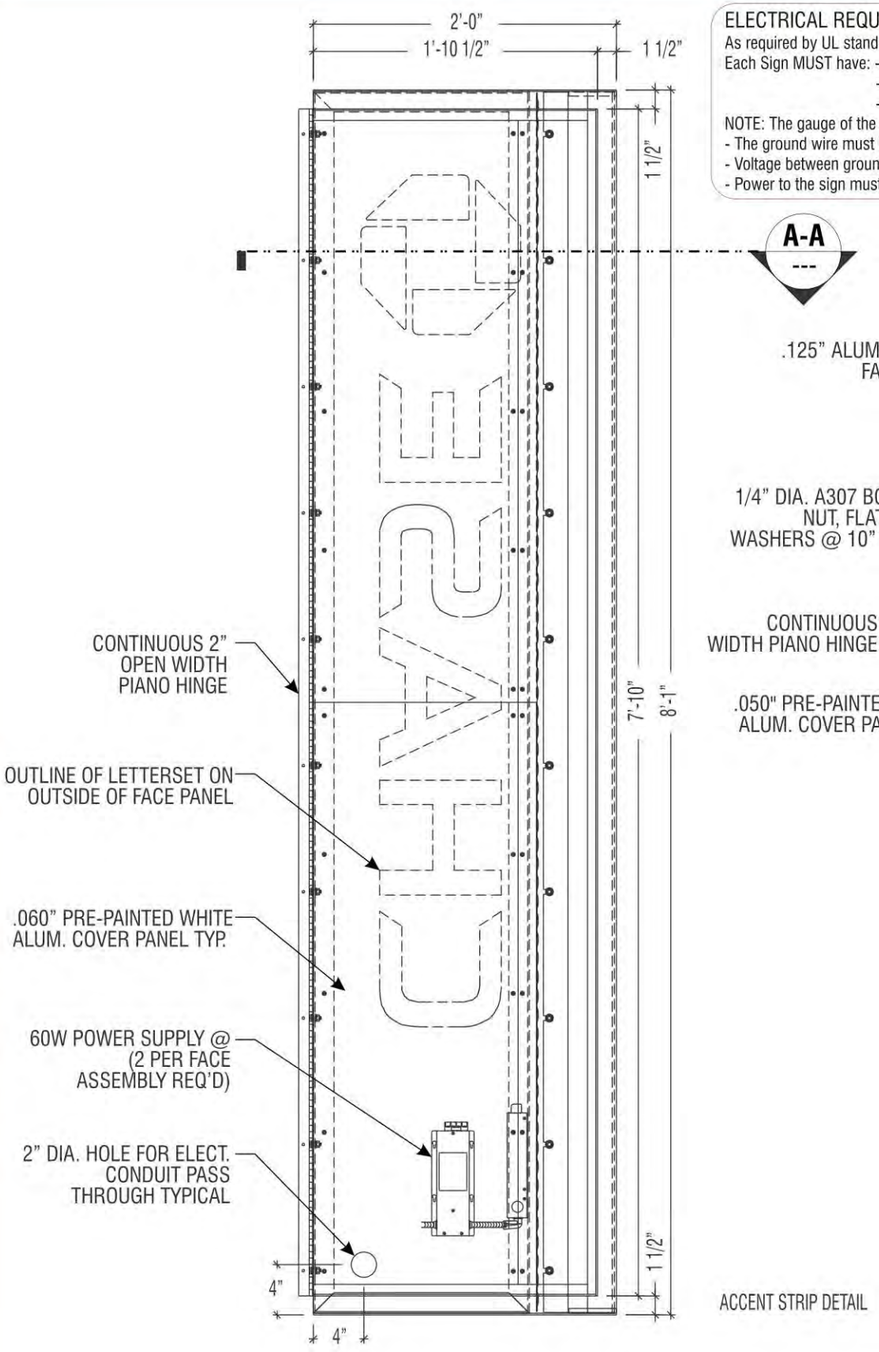
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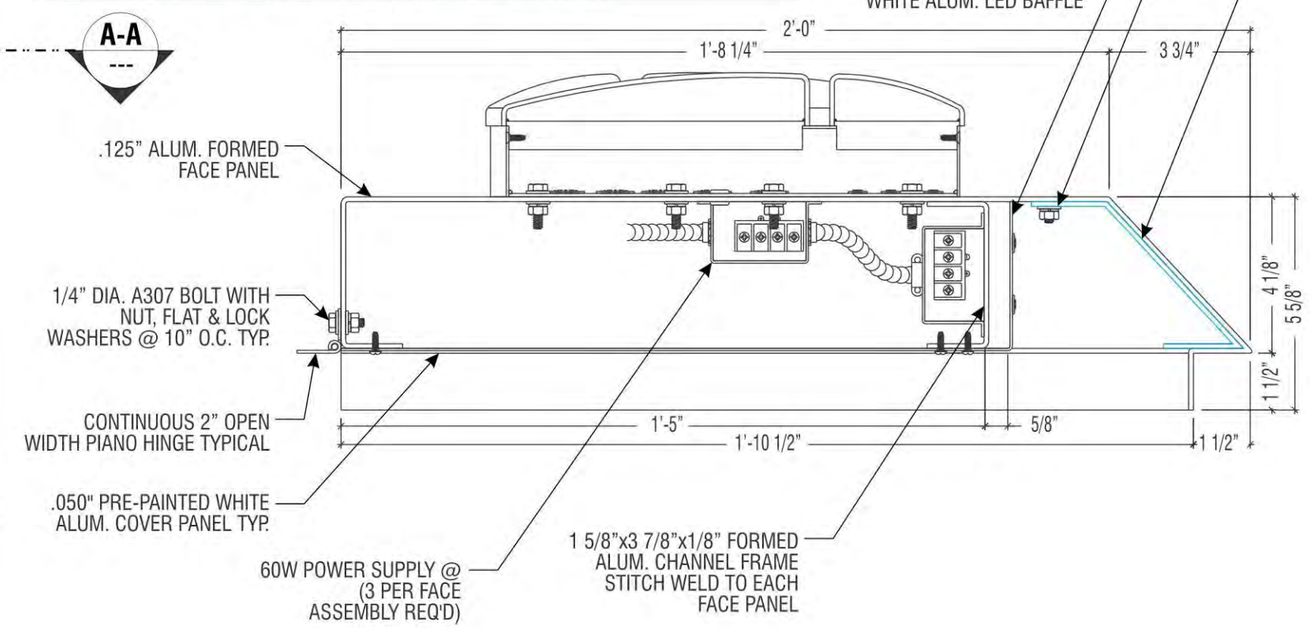


ACCENT STRIP DETAIL

ELECTRICAL REQUIREMENTS FOR LED ILLUMINATION

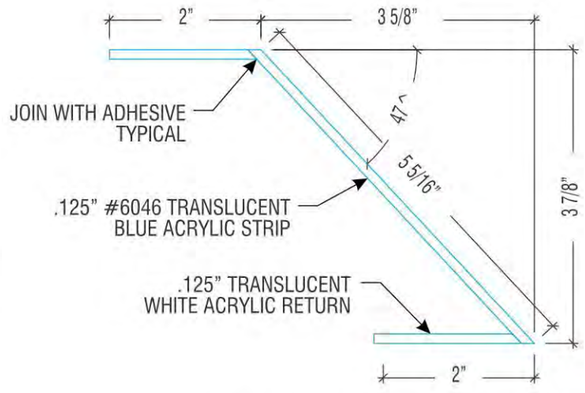
As required by UL standards, Signtech Electrical Advertising, Inc., exclusively uses UL listed and approved components.
Each Sign MUST have: - A dedicated branch circuit
- Three wires : Line, Ground, and Neutral.
- Wire Size : Min 12 GA THHN Copper Wire.

NOTE: The gauge of the wire is dictated by the length of the run & amperage as per NEC Article 600.
- The ground wire must be continuous & go from the sign to the panelboard ground bus.
- Voltage between ground and neutral should measure no more than 3 volts.
- Power to the sign must be done by a licensed electrical contractor or licensed electrician.



A-A --- HORIZONTAL SECTION

Scale:3"=1'-0"



NOTE: ACCENT STRIP AND SIDES TO BE CUT ON TABLE SAW AS SHOWN THE O.A.H. IS 96.25"

INTERIOR OF SIGN SHALL BE PAINTED WHITE.

ALL ACRYLIC ASSEMBLIES SHALL EMPLOY A SOLVENT TYPE CEMENT FOR INITIAL RAPID ASSEMBLY FOLLOWED BY A MONOMER-POLYMER-SOLVENT (MPS) TYPE CEMENT AROUND ALL BONDED EDGES.

4 ASSEMBLED FACE INTERIOR ELEVATION

Scale:1"=1'-0"

G ACCENT STRIP DETAIL

Scale:6"=1'-0"

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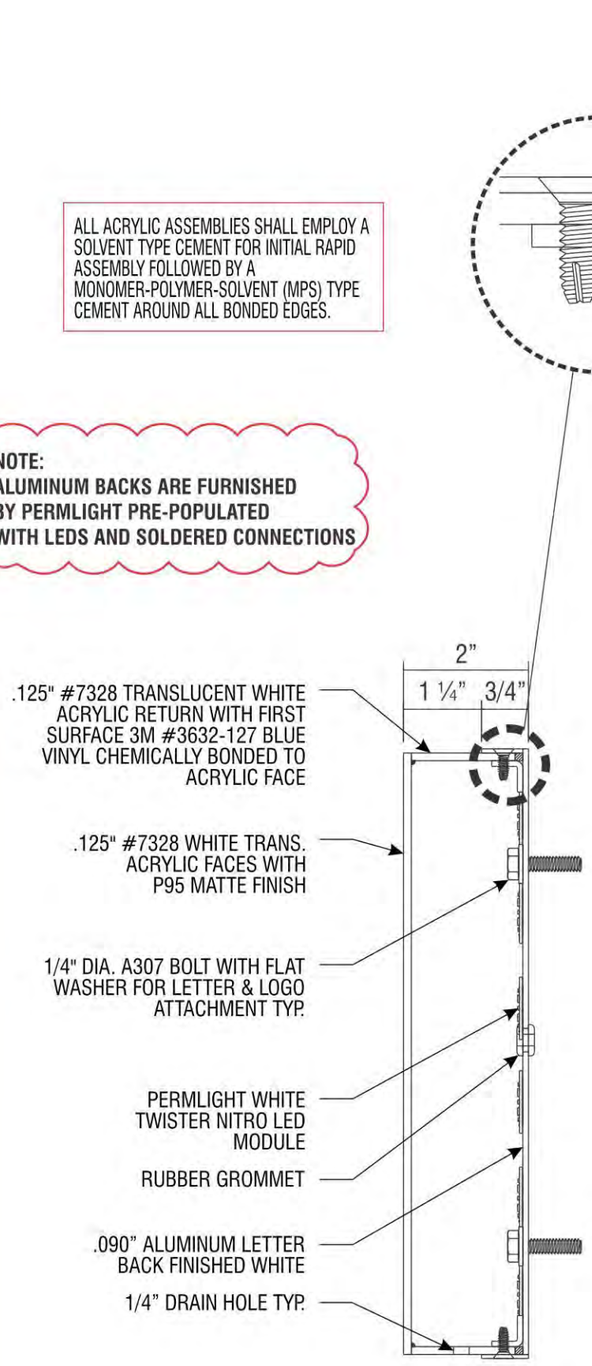
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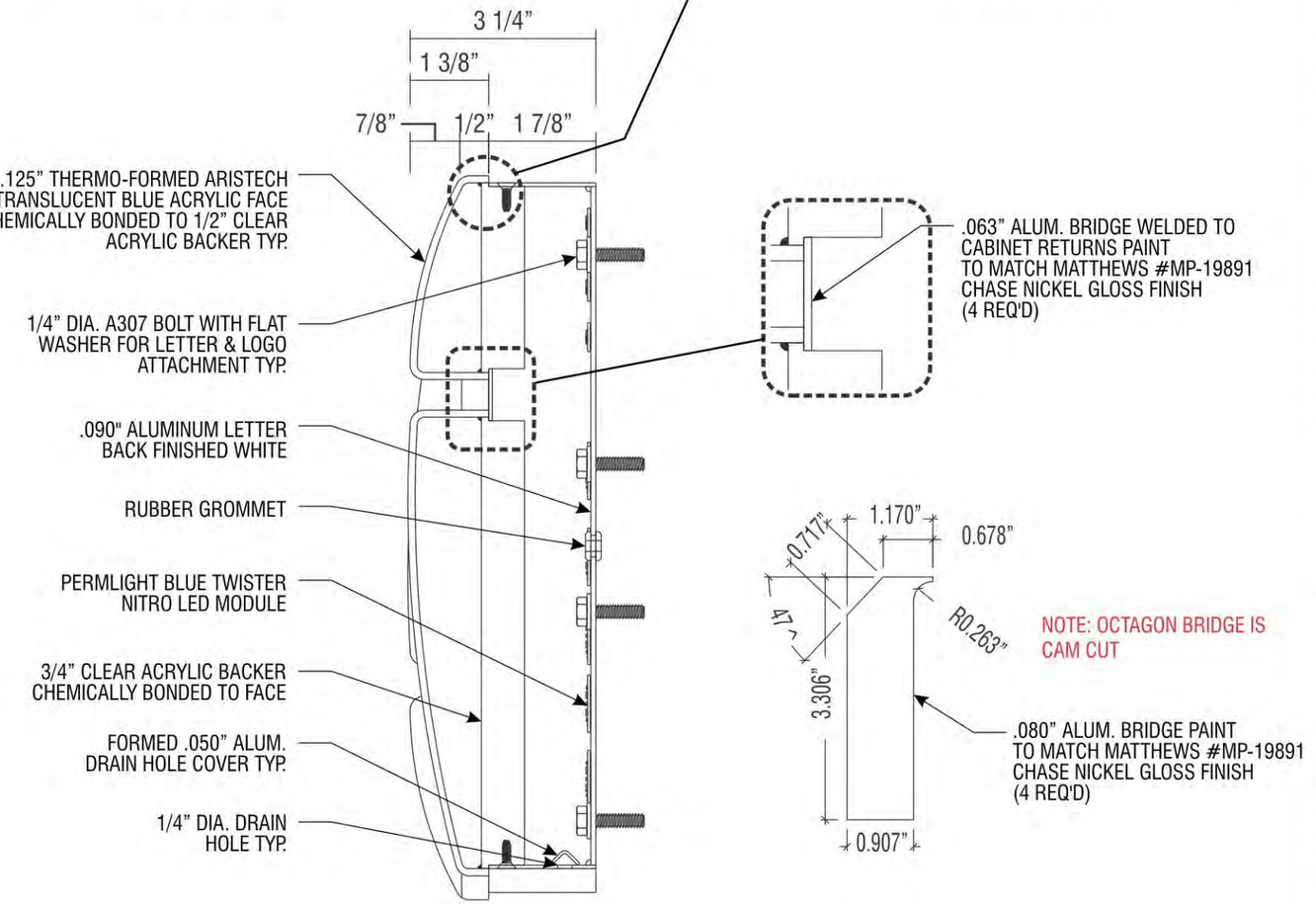
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ALL ACRYLIC ASSEMBLIES SHALL EMPLOY A SOLVENT TYPE CEMENT FOR INITIAL RAPID ASSEMBLY FOLLOWED BY A MONOMER-POLYMER-SOLVENT (MPS) TYPE CEMENT AROUND ALL BONDED EDGES.

NOTE:
ALUMINUM BACKS ARE FURNISHED BY PERMLIGHT PRE-POPULATED WITH LEDS AND SOLDERED CONNECTIONS



J **CHANNEL LETTER DETAIL**
Scale:1½"=1'-0"



K **OCTAGON DETAIL**
Scale:1½"=1'-0"

L **OCTAGON BRIDGE DETAIL**
Scale:1½"=1'-0"

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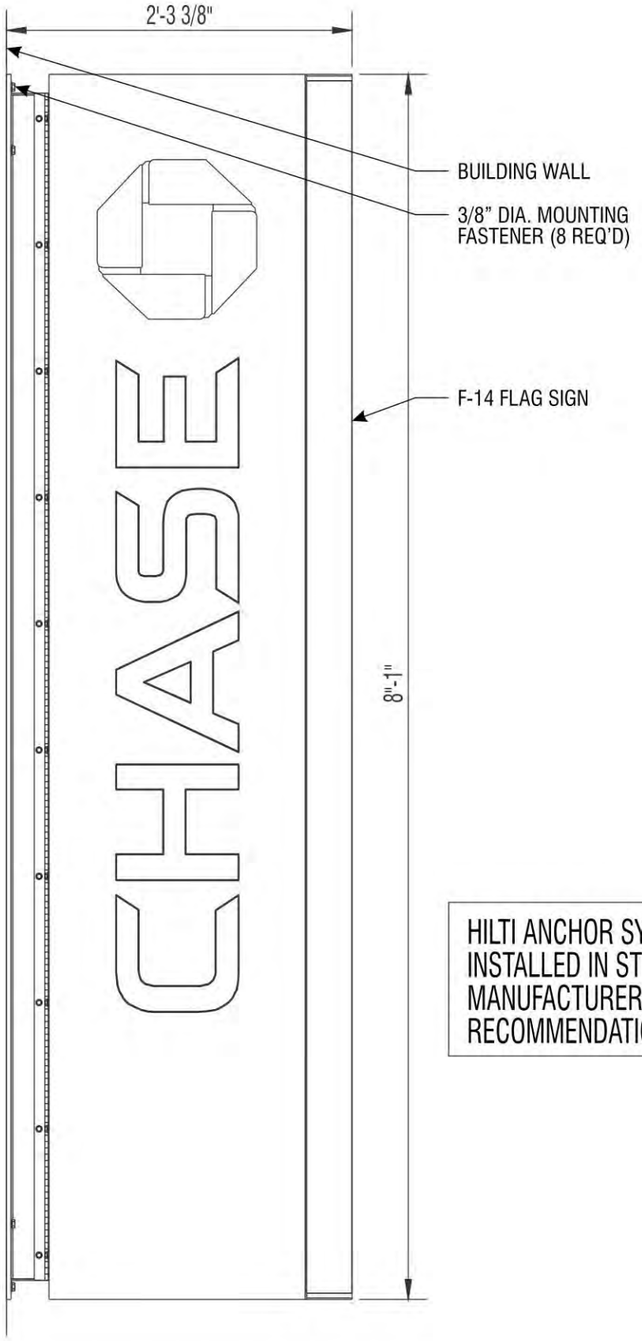
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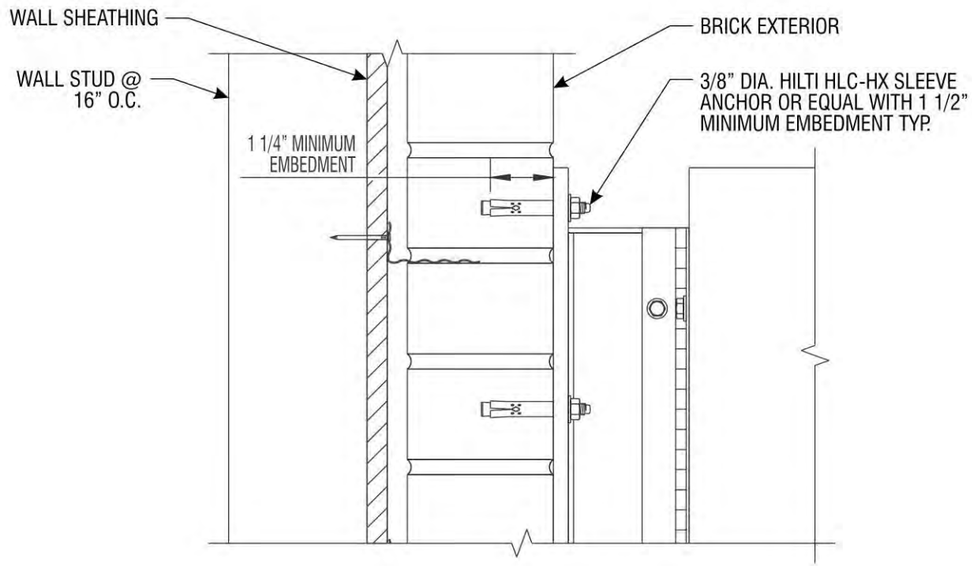
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HILTI ANCHOR SYSTEMS OR EQUAL SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS & RECOMMENDATIONS

9 **ASSEMBLED SIGN ELEVATION**

Scale:1"=1'-0"



R **BRICK WALL INSTALLATION DETAIL**

Scale:6"=1'-0"

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TYPICAL ENTRY DOOR SCALE: 1/2”=1’-0”

E.3 **SIGN TYPE** **CHA-VYL-10X56**

MANUFACTURE AND INSTALL ONE (1) SET OF FIRST SURFACE VINYL LETTERS/OCTAGON ON TRANSOM WINDOW GLASS
CHASE LETTERS: 3M #7725-20 WHITE VINYL.
LOGO OCTAGON: 3M #7725-47 INTENSE BLUE VINYL.

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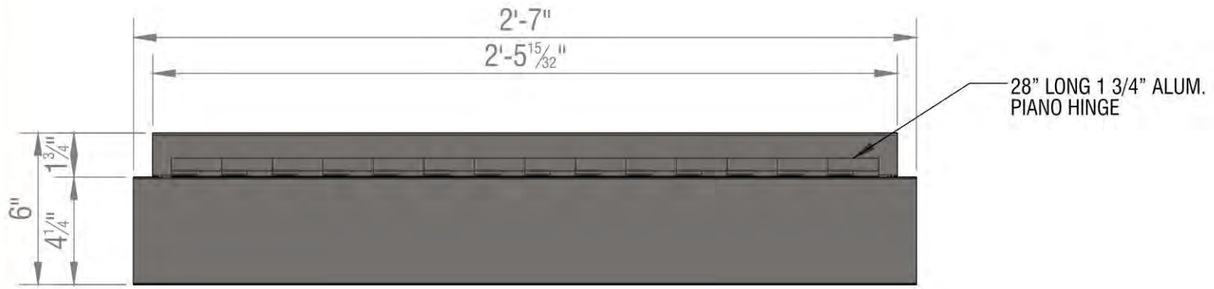
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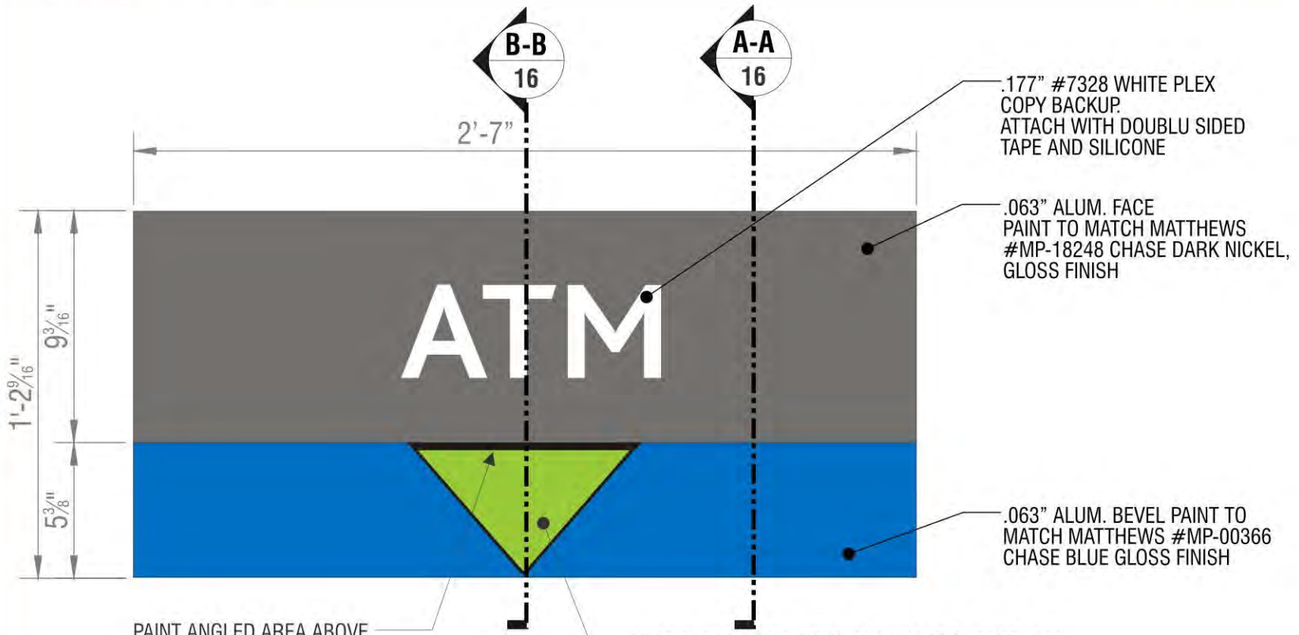
Customer Signature Date

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Drawing Number: 22-02142
Project ID: CHASE_J20204600447_1
Revision: R2 - 11.22.22



2 **TOP VIEW** Scale: 1 : 6



ALL EXPOSED PAINTED SURFACES SHALL BE COATED WITH MATTHEWS #282-208SP VOC GLOSS CLEAR, WITH MINIMUM 2 MILS DRY FILM THICKNESS (DFT) PER MATTHEWS APPLICATION SPECIFICATIONS.

E.4 **SIGN TYPE** **DU-C**

MANUFACTURE & INSTALL TWO (2) INTERNALLY-ILLUMINATED WALL SIGNS w/ ROUT-OUT FACES

1 **FRONT VIEW** Scale: 1 : 6

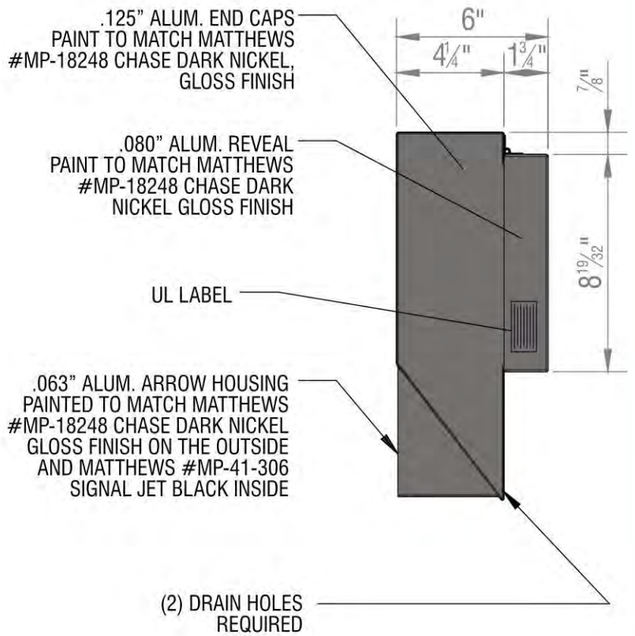
LANE INDICATOR ILLUMINATION GUIDELINES

WHITE COPY ("ATM", "BUSINESS", "DRIVE-UP"):
ILLUMINATES 24 HOURS A DAY, 7 DAYS A WEEK
ARROW:
ILLUMINATES 24 HOURS A DAY, 5 DAYS A WEEK, BRANCH TO SWITCH BETWEEN RED & GREEN AS NECESSARY

ALL EXPOSED FASTENERS HEADS SHALL BE PAINTED TO MATCH THE EXTERIOR CABINET FINISH.

INTERIOR SURFACES SHALL BE PAINTED SPRAYLAT STARBRITE WHITE UNLESS OTHERWISE NOTED

1. Design is based on 90 mph 3 sec gust design wind speed per IBC 2006. Exposure C. Refer to structural drawings.
2. Aluminum shapes be extruded from 6061-T6 alloy. Aluminum sheet shall be 3003-H14 alloy. Aluminum plate shall be 5052-H34 alloy.
3. Structural bolts shall be zinc coated A325 unless otherwise noted. All other fasteners shall be stainless steel or otherwise coated to prevent corrosion.
4. Welds shall be made a 4000 series for aluminum by persons qualified in accordance with AWS standards within the past two years.
5. This design is prototypical and should not be used for site specific applications unless deemed suitable by a competent Professional Engineer.



3 **SIDE VIEW** Scale: 1 : 6

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JP Morgan Chase Bank #J20204600447

Lakewood
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Lakewood, OH 44107

Initial Date: 10/27/22
Salesperson: Arthur Navarro
Coordinator: Tracey L Pichierri
Designer: ASena
Scale: As noted

CUSTOMER APPROVAL

Customer Signature Date

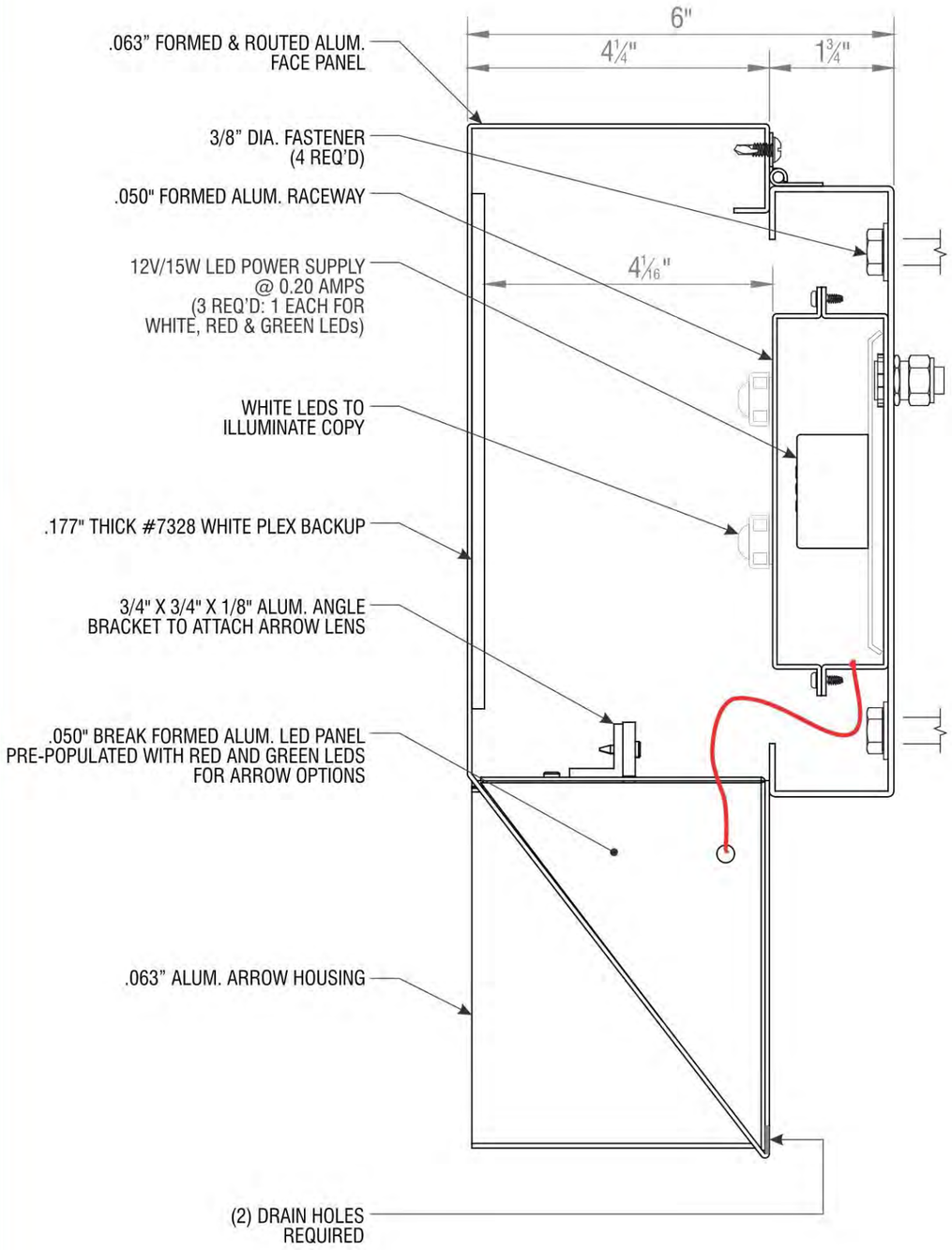
COPY, COLORS & SIZES

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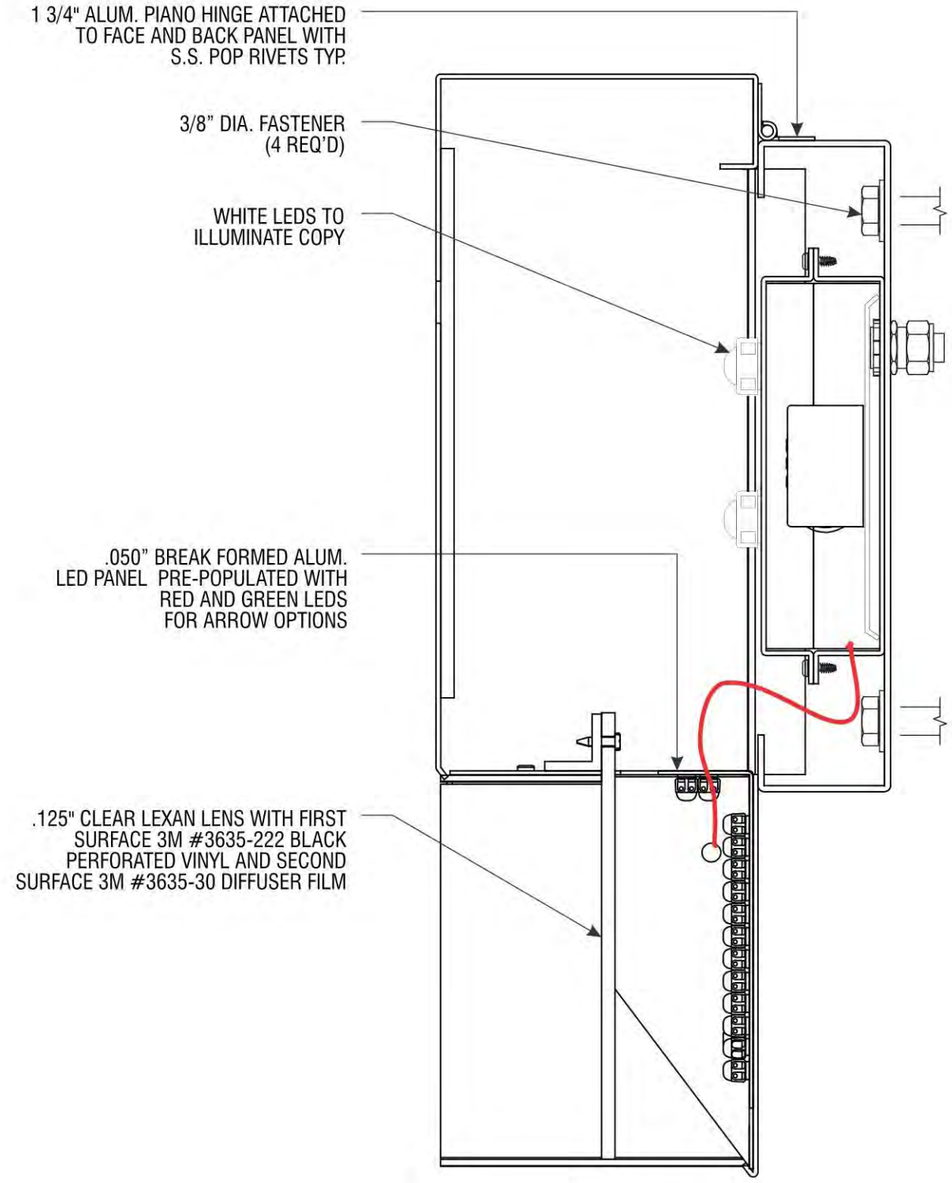
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A-A **VERTICAL SECTION** Scale: 6" = 1'-0"



B-B **VERTICAL SECTION** Scale: 6" = 1'-0"

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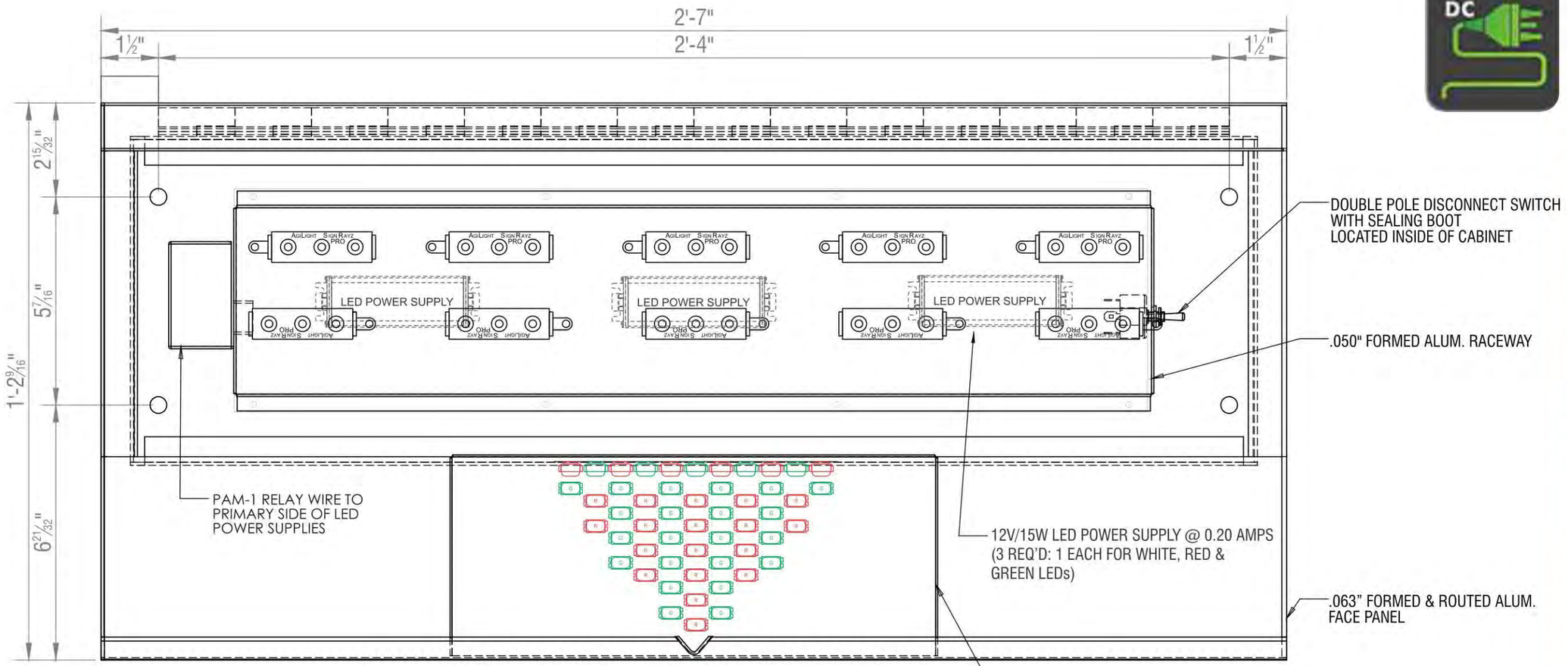
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ELECTRICAL INFORMATION

- (10) AGILIGHT SIGNRAYZ PRO 160 (LS-PRO160-ASW-2B1)
- (24) AGILIGHT SIGNRAYZ ULTRA MINI RED (LS-UMIN-TRD-L4-50A)
- (27) AGILIGHT SIGNRAYZ ULTRA MINI GREEN (LS-UMIN-GRN-L4-50A)
- (1) PAM-1 RELAY @ 0.015 AMPS PER POSITION
- (3) GenLED AGILIGHT PS12-SL-15W-120-277V POWER SUPPLIES @ 0.20 AMPS. TOTAL ELECTRICAL LOAD = .60 AMPS
- (1) TRANSCO (E129809) TOGGLE SWITCH DOUBLE POLE W-BOOT W/P DISCONNECT SWITCHES REQUIRED
- (1) DEDICATED 20 AMPS. x 120 VOLT x 60 Hz CIRCUIT TO BE PROVIDED BY CUSTOMER
- UL & DATA LABELS ARE REQUIRED

LED SPECIFICATIONS

CODE	LS-UMIN-GRN-L4-50A
LED COLOR:	GREEN
COLOR TEMPERATURE	
LEDS/MODULE	
MODULES/FOOT	6.10
VIEWING ANGLE	150°
LUMENS/MODULE	11.6 lm
LUMENS/FOOT	71 lm
WATTS/MODULE	0.12 W
WATTS/FOOT	.732 W
VOLTAGE	12V DC
MAX LOAD 60W	(460 MODULES)

Dimensions L x W x H 0.70 in x 0.31 in x 0.39 in

AGILIGHT SIGNRAYZ ULTRA MINI COLOR

E255447

TOGGLE SWITCH D/P

TRANSCO

Transco, Inc.
1059 Colite Drive
West Columbia, SC 29170
Ph: 800-869-6366 Fax: 803-794-8528

Operating V oltage	125-277 VAC
Rated Current	20mA
(UL/cUL RECOGNIZED E129809	

Pre-assembled toggle switch with rubber boot. UL recognized for 20 amp, 125-277 VAC. Includes 6" lead wires, an internal toggle seal, and an On/Off face plate.

LED SPECIFICATIONS

CODE	LS-UMIN-TRD-L4-50A
LED COLOR:	RED
COLOR TEMPERATURE	
LEDS/MODULE	
MODULES/FOOT	6.10
VIEWING ANGLE	150°
LUMENS/MODULE	4.4 lm
LUMENS/FOOT	27 lm
WATTS/MODULE	0.12 W
WATTS/FOOT	.732 W
VOLTAGE	12V DC
MAX LOAD 60W	(460 MODULES)

Dimensions L x W x H 0.70 in x 0.31 in x 0.39 in

AGILIGHT SIGNRAYZ ULTRA MINI COLOR

E255447

LED SPECIFICATIONS

CODE	LS-PRO160-ASW-2B1
LED COLOR:	SIGN WHITE
COLOR TEMPERATURE	7000K
LEDS/MODULE	3
MODULES/FOOT	2
VIEWING ANGLE	150°
LUMENS/MODULE	80 lm
LUMENS/FOOT	160 lm
WATTS/MODULE	0.95 W
WATTS/FOOT	1.9 W
VOLTAGE	12V DC
MAX LOAD 60W	(60 MODULES)

Dimensions L x W x H 0.70 in x 0.31 in x 0.39 in

AGILIGHT SIGNRAYZ PRO160

E255447

LED POWER SUPPLY MODEL #: PS12-SL-15W-120-277V

GENLED® AGILIGHT®

LED Power Supply: PS12-SL-15W-120-277V

Standard Compliance

INPUT VOLTAGE	120-277VAC
INPUT CURRENT	0.20 AMPS
INPUT FREQUENCY	50/60 HERTZ
OUTPUT VOLTAGE	12VDC
OUTPUT CURRENT	1.25A DC
OUTPUT POWER	15 WATTS DC
OPERATING TEMP.	-40°F to +140° F
UL RECOGNIZE FILE	E351113
UL CLASSIFIED FILE	E351113
RoHS COMPLIANT	YES
TYPICAL EFFICIENCY	83%

ELECTRICAL REQUIREMENTS FOR LED ILLUMINATION

As required by UL standards, Signtech Electrical Advertising, Inc., exclusively uses UL listed and approved components.
Each Sign MUST have: - A dedicated branch circuit
- Three wires : Line, Ground, and Neutral.
- Wire Size : Min 12 GA THHN Copper Wire.

NOTE: The gauge of the wire is dictated by the length of the run & amperage as per NEC Article 600.
- The ground wire must be continuous & go from the sign to the panelboard ground bus.
- Voltage between ground and neutral should measure no more than 3 volts.
- Power to the sign must be done by a licensed electrical contractor or licensed electrician.
- The location of the disconnect switch after installation shall comply with Article 600.6(A) (1) of the National Electrical Code

ELECTRICAL INFORMATION

Scale: 1 : 3

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Customer Signature Date

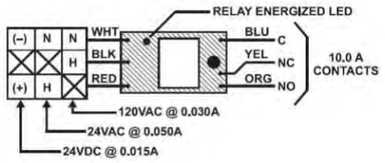
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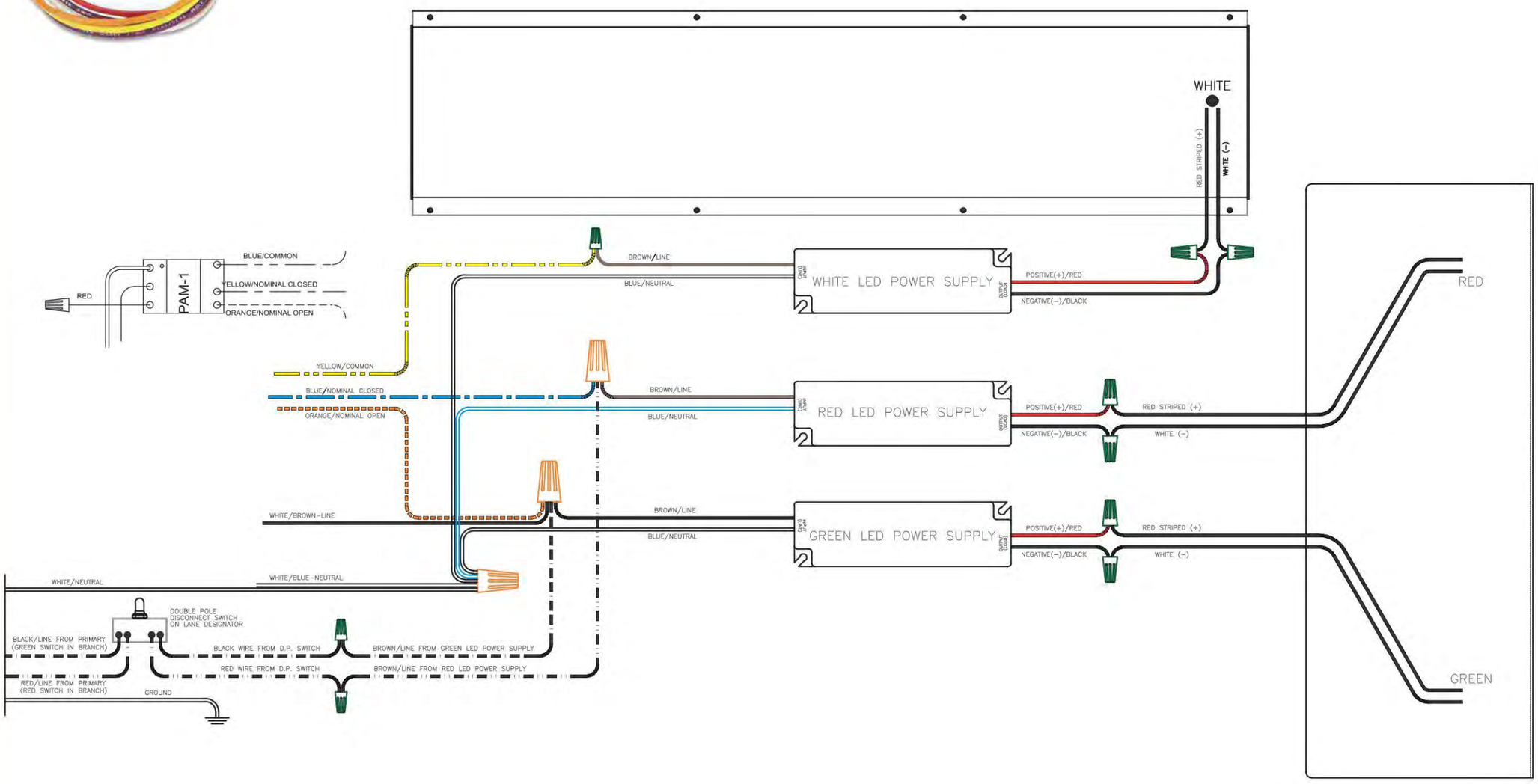
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The **SSU-PAM-1** Relay provides 10.0 Amp Form C contacts. The relay may be energized by one of three (3) input voltages: 24VDC, 24VAC, or 120VAC. The DC input voltages are polarity sensitive and diode protected. A red LED is provided which, when illuminated, indicates the relay coil is energized.
SAE PN# SSU-PAM-1





WIRING DIAGRAM

Scale: NTS

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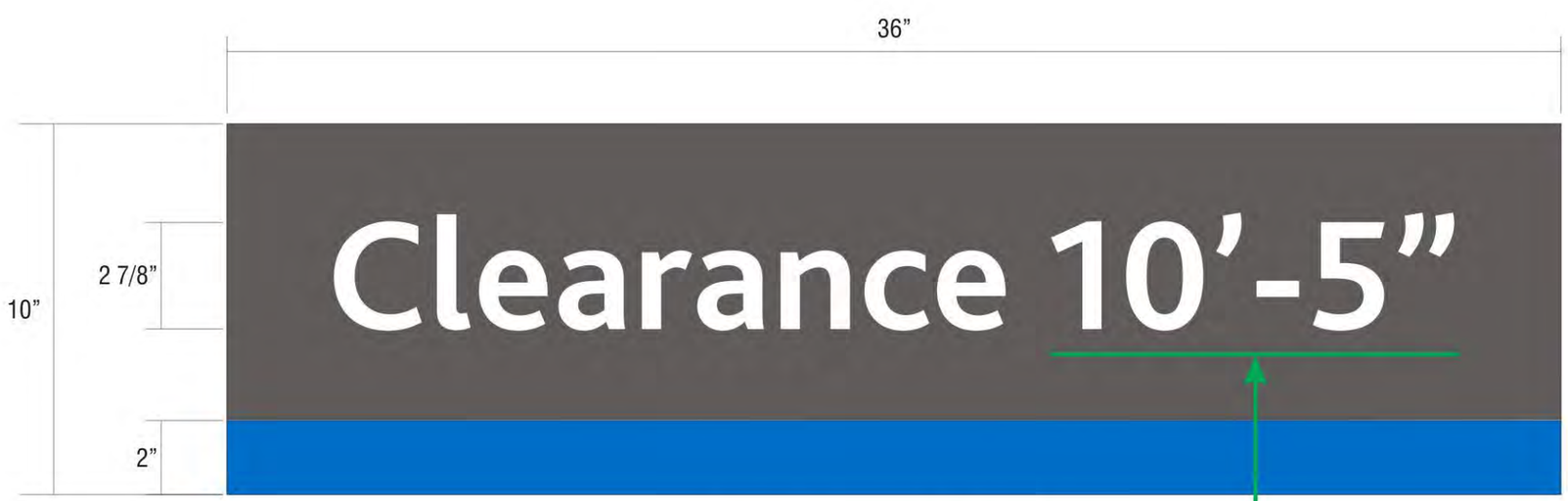
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TOP VIEW SCALE: 3”=1’-0”



FRONT VIEW SCALE: 3”=1’-0”



END VIEW
SCALE: 3”=1’-0”

VERIFY HEIGHT DIMENSION PER SITE SURVEY

E.5

SIGN TYPE TC-CL-W

MANUFACTURE AND INSTALL ONE (1) NON-ILLUMINATED S/F CLEARANCE SIGN
FACE: .125” ALUMINUM PAINTED CHASE DARK NICKEL MATTHEWS MP#18248, GLOSS FINISH.
PAINT ACCENT BAND ACROSS BOTTOM CHASE BLUE MP#00366 BLUE (OR PMS #300 BLUE).
“CLEARANCE”: COPY TO BE 3M SCOTCHLITE #680-10 WHITE.
INSTALL: PROVIDE NELSON STUDS OFF BACK SIDE OF ALUM. TO ANCHOR TO WALL SURFACE

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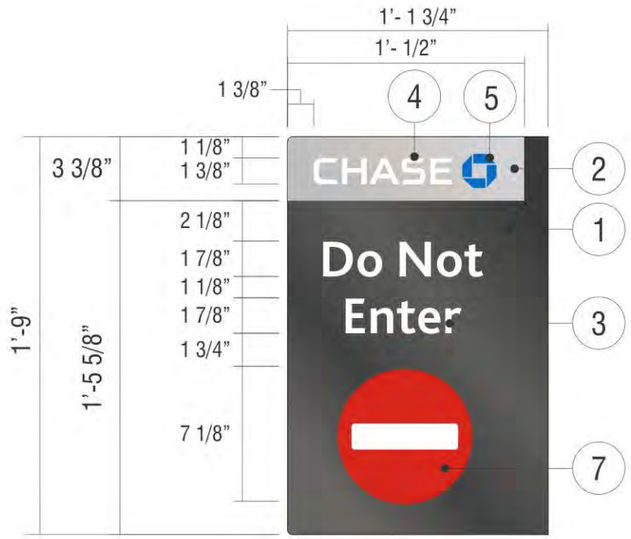
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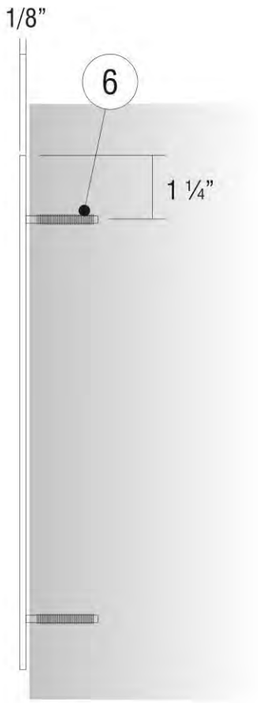
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TOP VIEW **SCALE: 1 ½”=1’-0”**



FRONT VIEW **SCALE: 1½” = 1'-0"**



SIDE VIEW N.T.S.

E.6 **E.7**

SIGN TYPE **TC-W-H-RE**

MANUFACTURE AND INSTALL TWO (2) NON-ILLUMINATED PARKING SIGNS

1. .125” ALUMINUM SIGN FACE.
   PAINT FINISH ALL EXPOSED SURFACES DK NICKEL MATTHEWS MP#18248, GLOSS FINISH.
   FORM AS SHOWN.
2. TOP BAND TO BE FIRST SURFACE APPLIED
   3M #180C-220 LIGHT SILVER METALLIC VINYL.
3. SUPPORT COPY TO BE 3M SCOTCHLITE #680-10 WHITE.
4. "CHASE” TO BE 3M FILM #7725-10 WHITE.
5. OCTAGON TO BE 3M FILM #3632-127 BLUE OVER
   3M FILM #7725-10 WHITE.
6. PROVIDE NELSON STUDS OFF BACK SIDE OF ALUM. TO ANCHOR TO WALL SURFACE
7. FIRST SURFACE DECORATE “DO NOT ENTER” SYMBOL WITH
   3M SCOTCHLITE REFLECTIVE FILM #680-72 RED.
   HORIZONTAL BAR TO BE 3M SCOTCHLITE FILM #680-10 WHITE.

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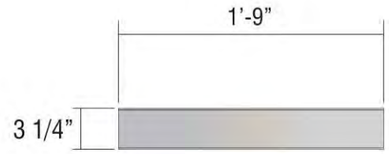
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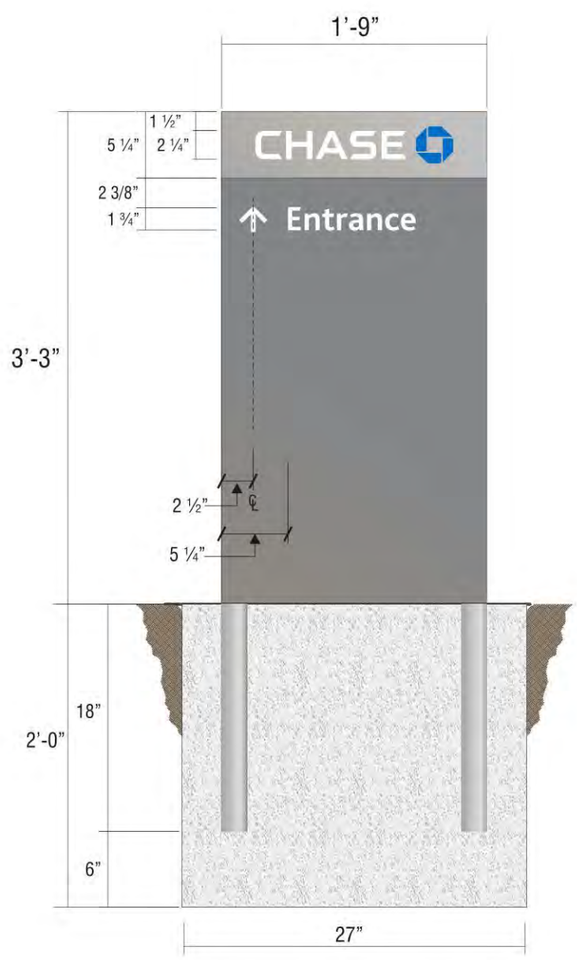
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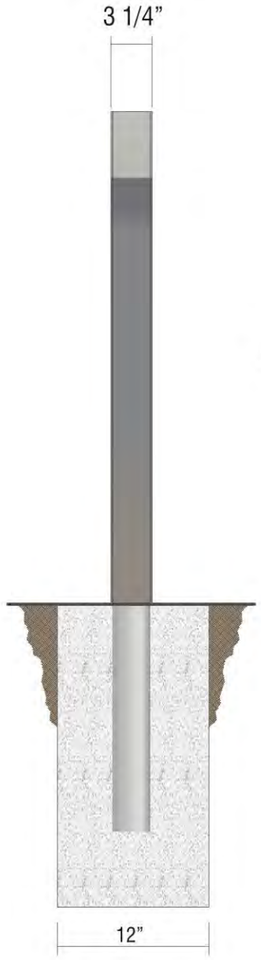
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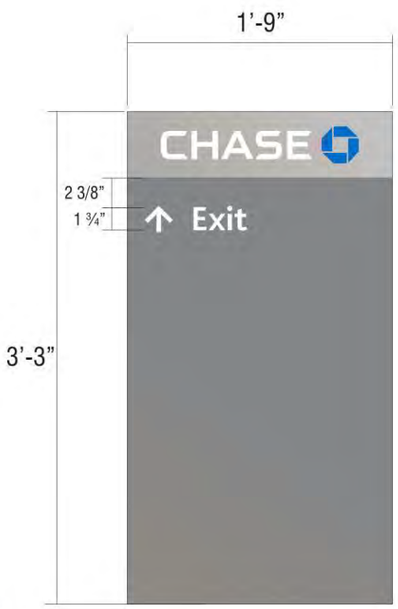
TOP VIEW



SIDE A VIEW
SCALE: 1"=1'-0"



END VIEW
SCALE: 1"=1'-0"



SIDE B VIEW
SCALE: 1"=1'-0"

E.8 **SIGN TYPE** **D-5-RE**

MANUFACTURE & INSTALL ONE (1) NON-ILLUMINATED DIRECTIONAL SIGN

FACES: .125" THICK ALUMINUM FACES, QUARTER ROUNDED.
TOP PORTION: PAINT CHASE NICKEL #19891, GLOSS FINISH.
BOTTOM PORTION: PAINT CHASE DARK NICKEL #18248, GLOSS FINISH.
CHASE COPY: 3M #7725-10 WHITE VINYL.
OCTAGON: 3M #3632-127 BLUE OVER #7725-10 WHITE.
SECONDARY COPY/ARROWS: TO BE 3M SCOTCHLITE #680-10 REFLECTIVE WHITE VINYL.
POSTS: 2" X 3" X.125" RECTANGLE TUBE POSTS.
TOP PORTION: CONTINUOUS BAND TO BE PAINTED NICKEL #19891, GLOSS FINISH.
BOTTOM PORTION: PAINT CHASE DARK NICKEL #18248, GLOSS FINISH.
TOP CAP: .125" ALUMINUM PAINTED CHASE NICKEL #19891, GLOSS FINISH.

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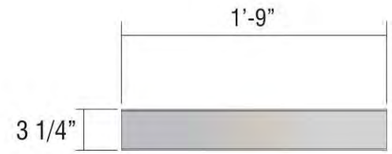
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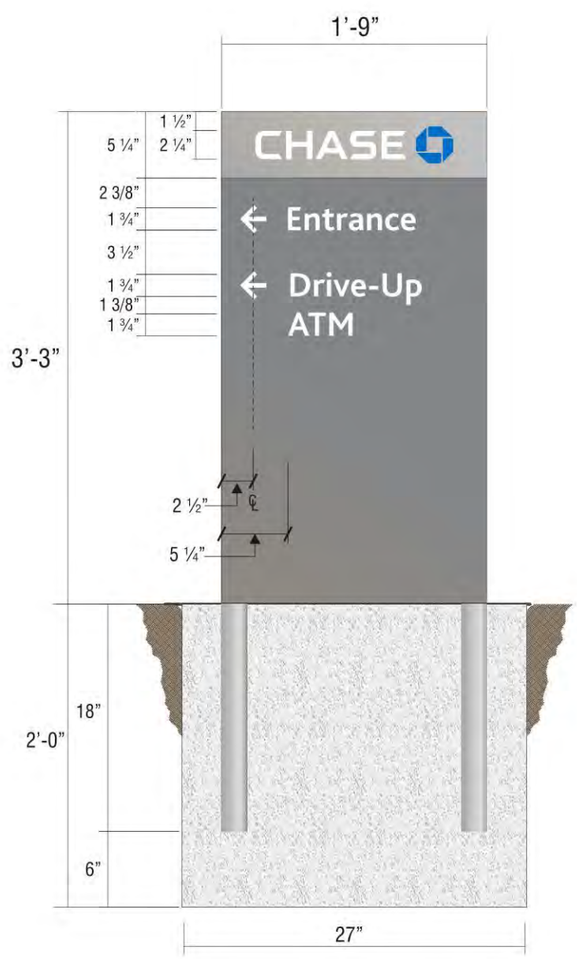
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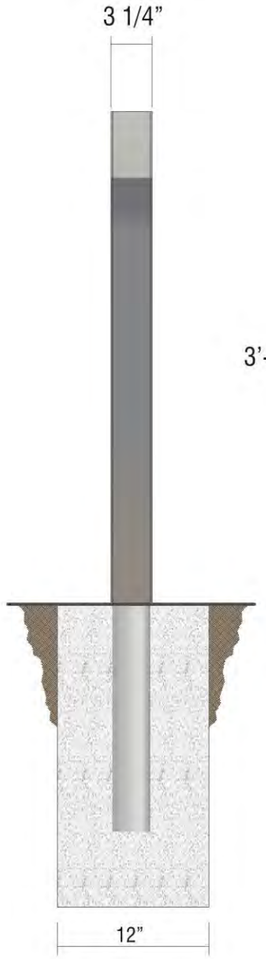
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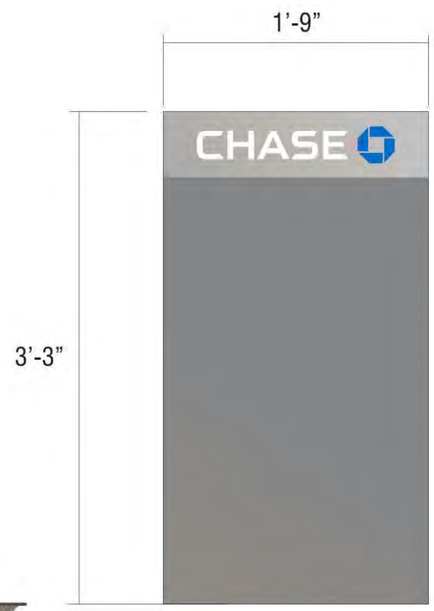
TOP VIEW



SIDE A VIEW
SCALE: 1"=1'-0"



END VIEW
SCALE: 1"=1'-0"



SIDE B VIEW
SCALE: 1"=1'-0"

E.9 **SIGN TYPE** **D-5-RE**

MANUFACTURE & INSTALL ONE (1) NON-ILLUMINATED DIRECTIONAL SIGN

FACES: .125" THICK ALUMINUM FACES, QUARTER ROUNDED.
TOP PORTION: PAINT CHASE NICKEL #19891, GLOSS FINISH.
BOTTOM PORTION: PAINT CHASE DARK NICKEL #18248, GLOSS FINISH.
CHASE COPY: 3M #7725-10 WHITE VINYL.
OCTAGON: 3M #3632-127 BLUE OVER #7725-10 WHITE.
SECONDARY COPY/ARROWS: TO BE 3M SCOTCHLITE #680-10 REFLECTIVE WHITE VINYL.
POSTS: 2" X 3" X.125" RECTANGLE TUBE POSTS.
TOP PORTION: CONTINUOUS BAND TO BE PAINTED NICKEL #19891, GLOSS FINISH.
BOTTOM PORTION: PAINT CHASE DARK NICKEL #18248, GLOSS FINISH.
TOP CAP: .125" ALUMINUM PAINTED CHASE NICKEL #19891, GLOSS FINISH.

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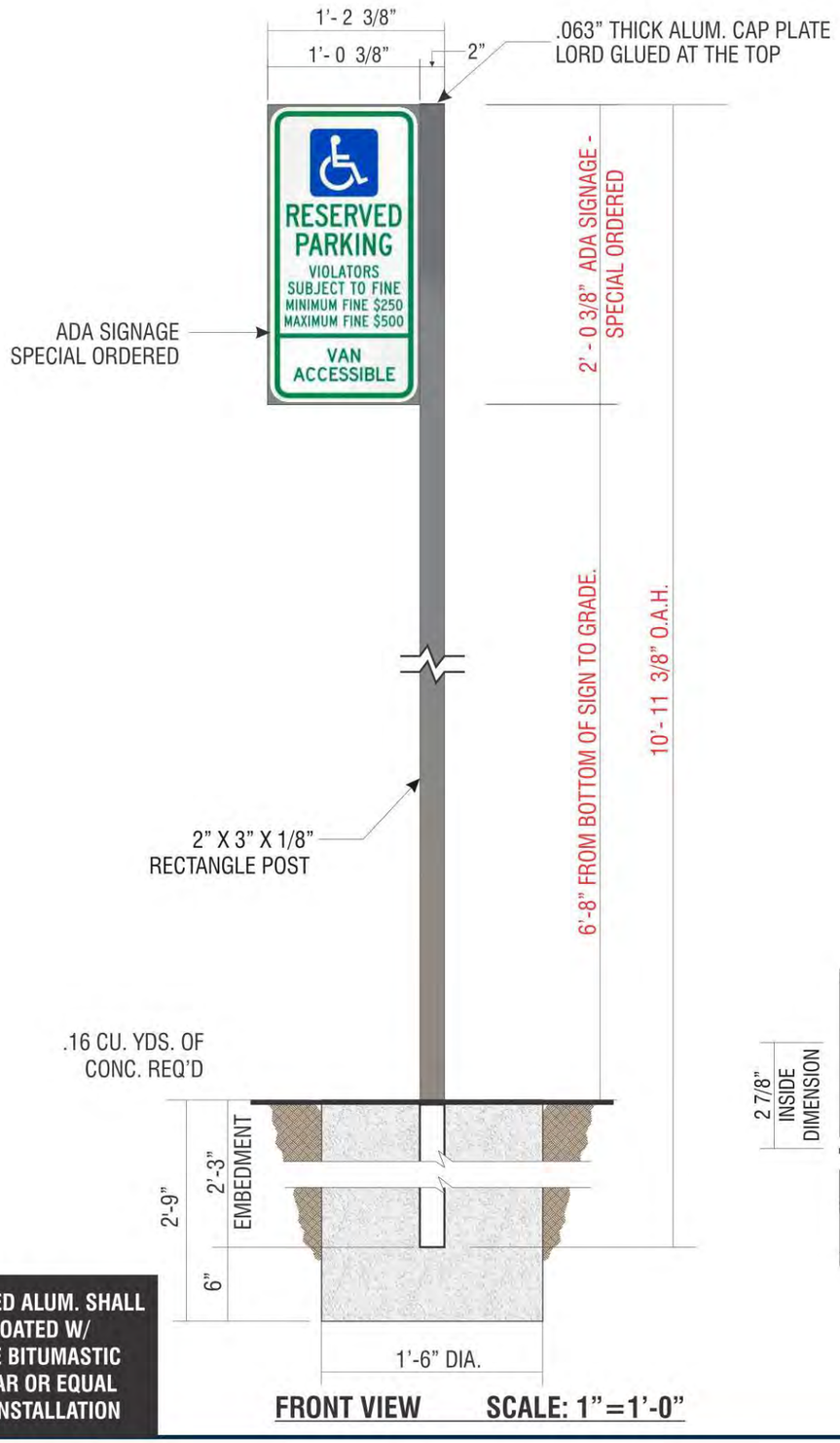
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FRONT VIEW SCALE: 1"=1'-0"

ALL EMBEDDED ALUM. SHALL TO BE COATED W/ CARBOLINE BITUMASTIC 50 COAL TAR OR EQUAL PRIOR TO INSTALLATION

E.10

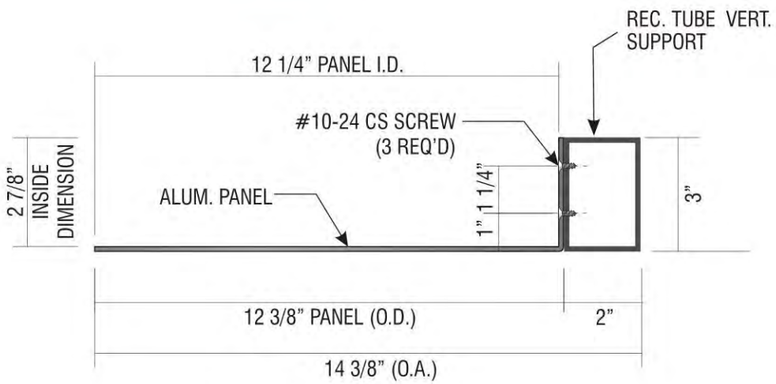
SIGN TYPE TC-P-ADA-OH-V-RE

MANUFACTURE AND INSTALL ONE (1) N-I POLE MOUNTED PARKING SIGN

1. .125" BRAKE FORMED ALUMINUM SIGN FACE.
   PAINT FINISH ALL EXPOSED SURFACES DARK NICKEL
   MATTHEWS MP #18248, GLOSS FINISH (85-90 UNITS).
   FORM AS SHOWN.
2. SIGN FACE TO BE ORDERED BY "COMPLIANCE SIGNS" 800.578.1245
   FACE TO BE LORDS GLUE TO .125" BRAKE FORM ALUM. SIGN FACE
3. 2" X 3" X 1/8" X 10'-11 3/8" LONG EXTRUDED ALUM. RECTANGULAR POST
   W/ .063" THICK ALUM. CAP PLATE @ TOP.
   PAINT FINISH ALL EXPOSED SURFACES TO MATCH
   DARK NICKEL MATTHEWS MP #18248, GLOSS FINISH (60-70 UNITS).
   SET SUPPORT INTO CONCRETE FOUNDATION.
   NO DIRECT EARTH BURIAL ALLOWED.



ALL FASTENERS SHALL BE STAINLESS STEEL OR OTHERWISE COATED TO PREVENT CORROSION.



A - HORIZONTAL SECTION
SCALE: 3"=1'-0"

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JP Morgan Chase Bank #J20204600447

Lakewood
14615 Detroit Rd.
Lakewood, OH 44107

Initial Date: 10/27/22
Salesperson: Arthur Navarro
Coordinator: Tracey L Pichierri
Designer: ASena
Scale: As noted

CUSTOMER APPROVAL

Customer Signature Date

COPY, COLORS & SIZES

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Customer Signature Date

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Drawing Number: 22-02142
Project ID: CHASE_J20204600447_1
Revision: R2 - 11.22.22





E.11

SIGN TYPE **CHA-TEMP-CS-48X96-SKID**

MANUFACTURE ONE (1) D/F CONSTRUCTION / TEMPORARY SITE SIGN

FACE: 4' x 8' x ½" MDO PLYWOOD, PRIMED AND PAINTED CHASE DARK NICKEL #MP18248
OVERLAY WITH DIGITALLY PRINTED GRAPHIC.

FRAME: 2" x 4" D.F. WOOD FRAMEWORK WITH 3/8" DEEP 9/16 DADO GROOVES FOR
FOR FACE TO LOCK INTO. SEE DRAWING ON FOLLOWING PAGES
FOR WHICH PARTS. PAINT CHASE DARK NICKEL #MP18248

FRAME ATTACHMENT: USE 3/8" DIA. S.S. MACHINE BOLT FOR BASE ATTACHMENT
USE LAG SCREWS TO ATTACH FRAMING TOGETHER.

SAND BAGS: (4)±40LB SAND BAGS AT EACH BASE CORNER AS SHOWN
SIGN INSTALLER TO SUPPLY SAND BAGS.

DIGITAL FILE PRINT PATH:
S:\P\Design\2k22\C\Chase Bank\~TYPICALS\COMING_SOON-WERE_OPEN-Signs\~2022 BANNER ARTWORK - Coming Soon-Fall-Spring-Summer-Winter\2021 Coming Soon 8x4.pdf

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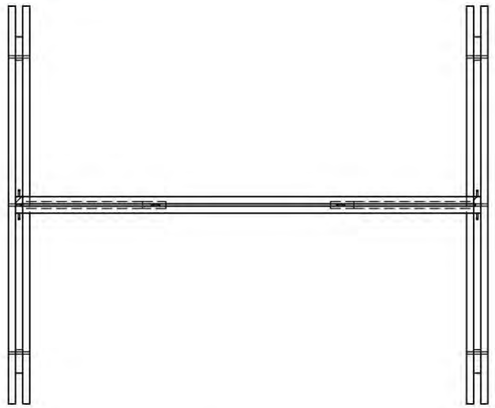
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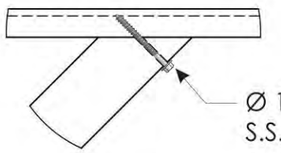
Drawing Number: 22-02142
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Revision: R2 - 11.22.22

ITEM NO.	QTY.	DESCRIPTION	LENGTH
1	4	2x4	84
2	2	2x4	84
3	2	2x4	95.25
4	2	2x4 R	42.78
5	4	2x4 R	47.73

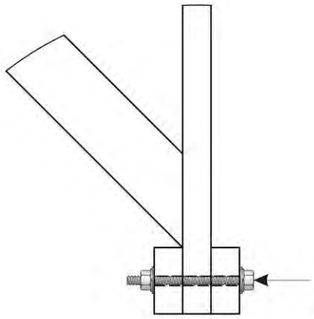
SIGN TYPE **COMING SOON TEMP SIGN**



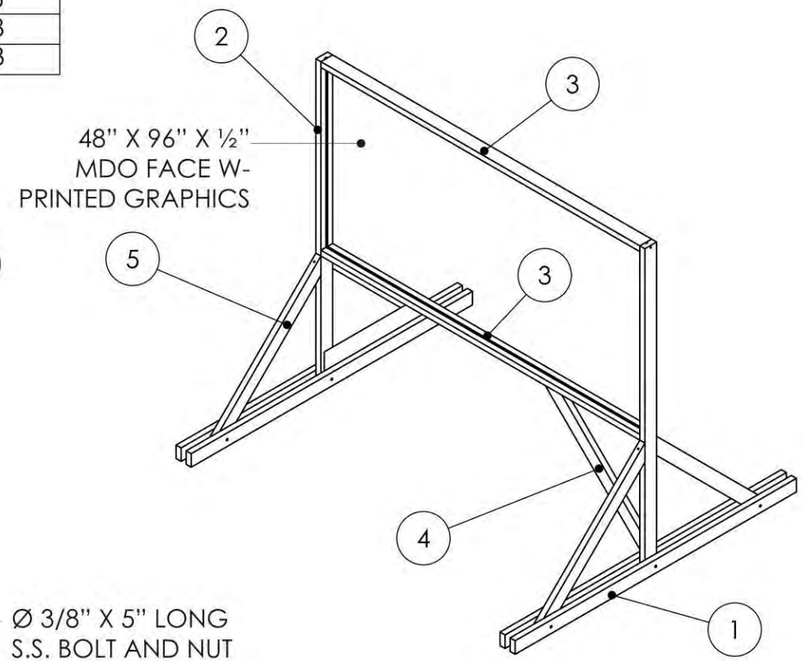
SECTION A-A

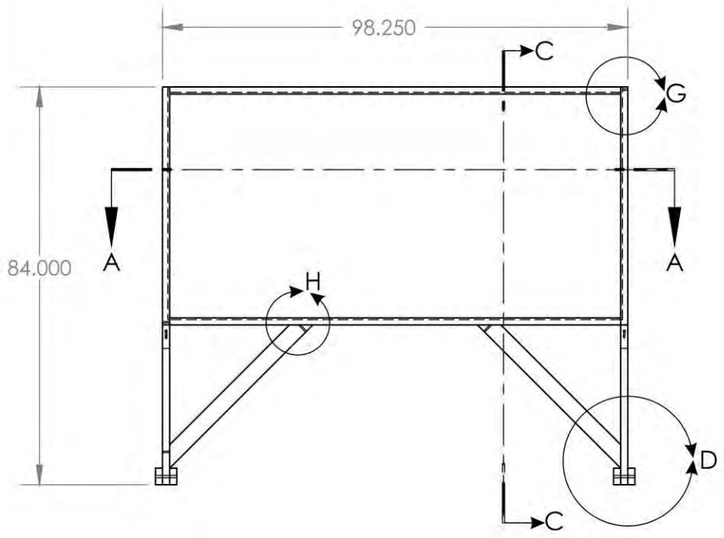


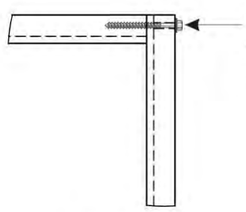
DETAIL H
SCALE 1 : 8



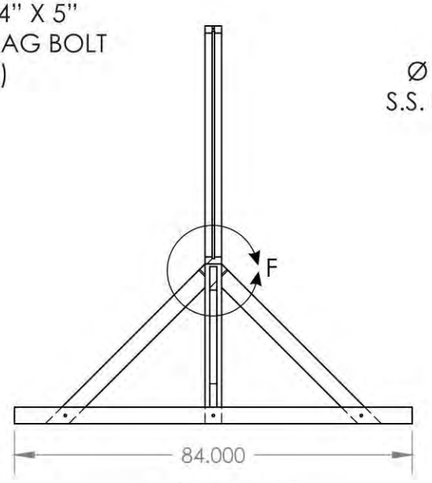
DETAIL D
SCALE 1 : 8



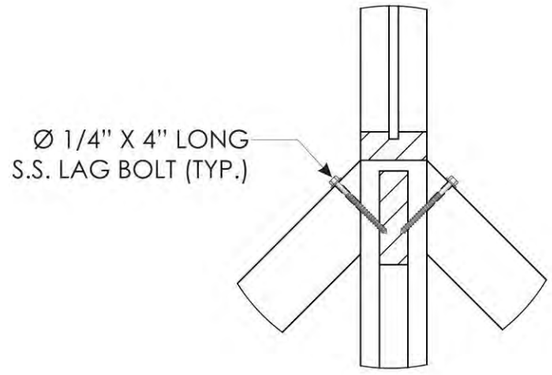




DETAIL G
SCALE 1 : 8



SECTION C-C



DETAIL F
SCALE 1 : 8

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CUSTOMER APPROVAL

Customer Signature Date

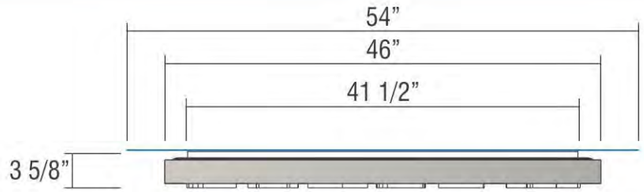
COPY, COLORS & SIZES

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Revision: R2 - 11.22.22



TOP VIEW SUR-TTW-U-4
SCALE: 3/4" = 1'-0"

STIPPLE FINISH PAINT PROCESS FOR MATTHEWS #MP-18101 CHASE NICKEL:
BASE COAT:* 3-4 MEDIUM COATS OF MAP SVOC2471 FOR BASE COAT.
ALLOW TO AIR DRY 12-24 HRS OR FORCE DRY AT 200 DEG. F. FOR 15MIN.
STIPPLE FINISH COAT:* MIX MAP SVOC1761 WITH CATALYST BUT_*NO*_REDUCER;
SET PRESSURE POT AT 18-20 PSI TANK PRESSURE AND
20-25 PSI ATOMIZING AIR AT THE PAINT GUN -
USE 1.0 TO 1.2 FLUID NOZZLE.
APPLY 5-6 PASSES OF A FINE TIGHT STIPPLE

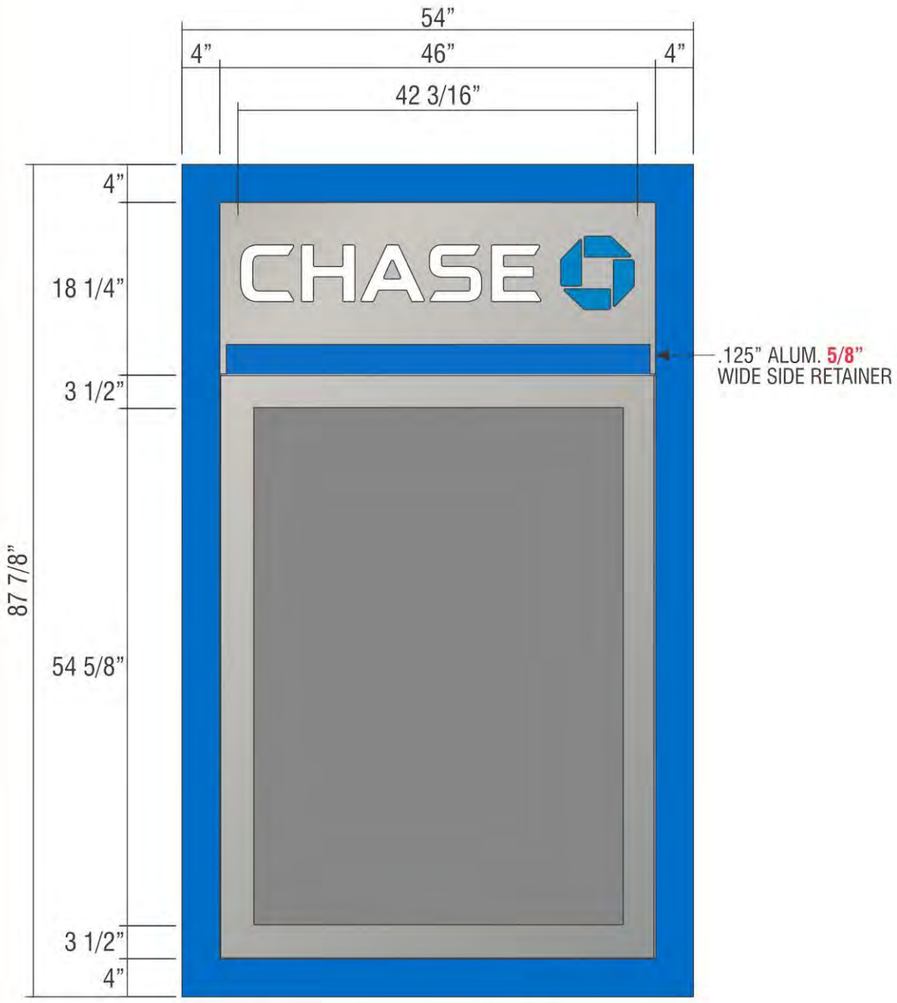
STIPPLE FINISH PAINT PROCESS FOR MATTHEWS #MP-49353 CHASE BLUE METALLIC:
BASE COAT:* 3-4 MEDIUM COATS OF SVOC2472 SP FOR BASE COAT.
ALLOW TO AIR DRY 12-24 HRS OR FORCE DRY AT 200 DEG. F. FOR 15MIN.
STIPPLE FINISH COAT:* MIX MAP SVOC2049 SP WITH CATALYST BUT_*NO*_REDUCER;
SET PRESSURE POT AT 18-20 PSI TANK PRESSURE AND
20-25 PSI ATOMIZING AIR AT THE PAINT GUN -
USE 1.0 TO 1.2 FLUID NOZZLE.
APPLY 5-6 PASSES OF A FINE TIGHT STIPPLE

NOTE: PUSH-THRU ACRYLIC SHALL HAVE A MILL FINISH ON ALL ROUTED EDGES

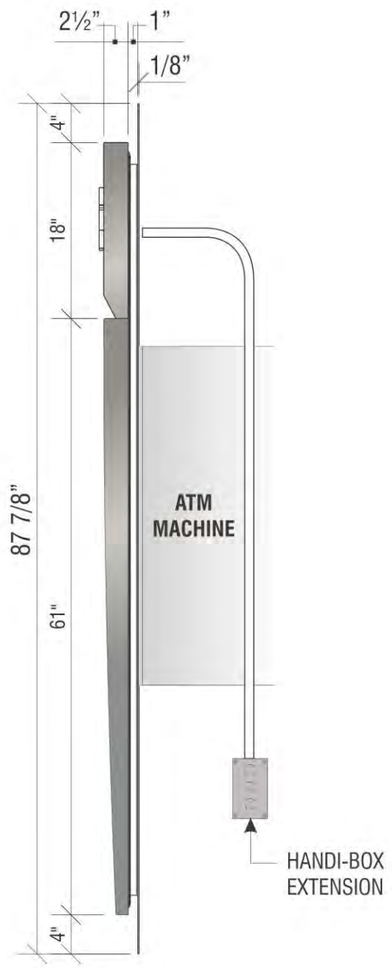
ALL EXPOSED FASTENER HEADS SHALL BE PAINTED TO MATCH THE EXTERIOR CABINET FINISH

SLOAN BLUE LED STRIPE AROUND PERIMETER TO PROVIDE HALO-LIT EFFECT AGAINST BACK PANEL

GRAPHICS DEPICTED ARE FOR ILLUSTRATIVE PURPOSES ONLY! USE ONLY APPROVED ARTWORK FOR PRODUCTION.



FRONT VIEW SCALE: 3/4”=1’-0”



SIDE VIEW



PERSPECTIVE VIEW

I.12 **SIGN TYPE** **SUR-TTW-U-4-TP**

MANUFACTURE AND INSTALL ONE (1) INTERNALLY ILLUMINATED THIN PROFILE ATM SURROUND

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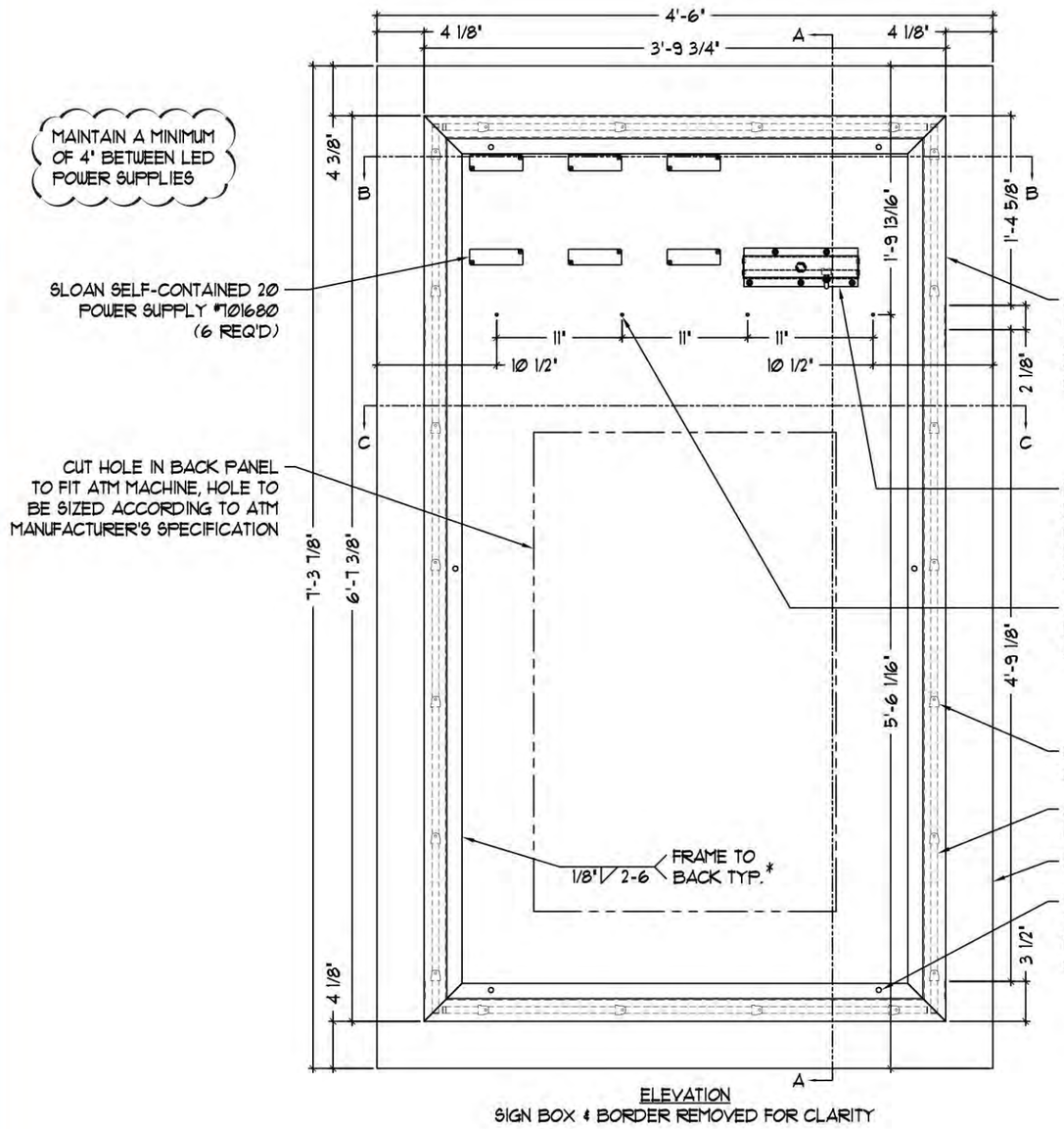
COPY, COLORS & SIZES

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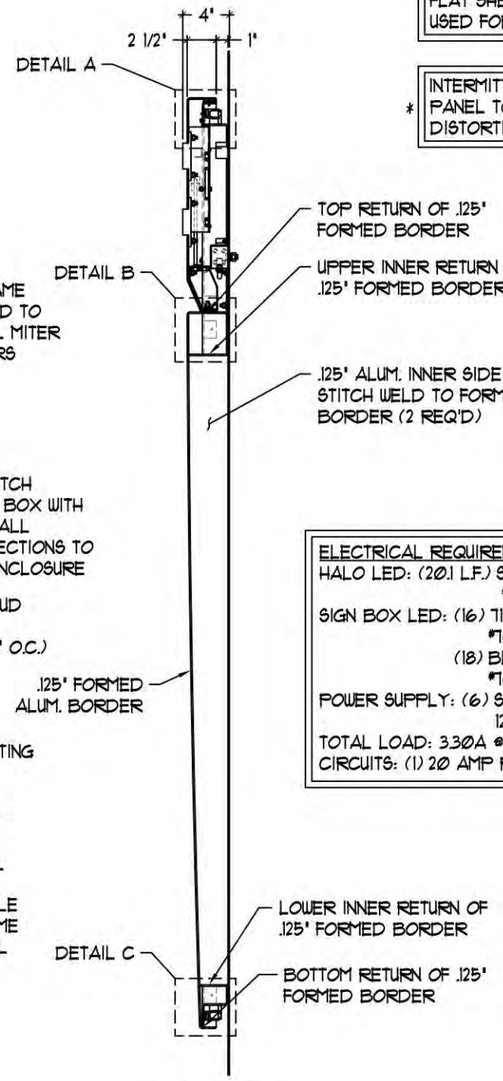
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ELEVATION
SIGN BOX & BORDER REMOVED FOR CLARITY



SECTION A-A

FLAT SHEET STOCK SHALL BE USED FOR BACKER PANEL

* INTERMITTENTLY WELD BACKER PANEL TO FRAME TO PREVENT DISTORTION

ELECTRICAL REQUIREMENTS:
HALO LED: (20.1 L.F.) SLOAN BLUE ColorLINE
#101800D-B LED TUBE
SIGN BOX LED: (16) 7100°K WHITE SLOAN PRISM
#101269-7W8J1-MB
(18) BLUE SLOAN PRISM
#101269-BL8J1-MB
POWER SUPPLY: (6) SLOAN #101680 SELF-CONTAINED 20
12VDC/20W @ 0.55A
TOTAL LOAD: 3.30A @ 120V
CIRCUITS: (1) 20 AMP REQUIRED

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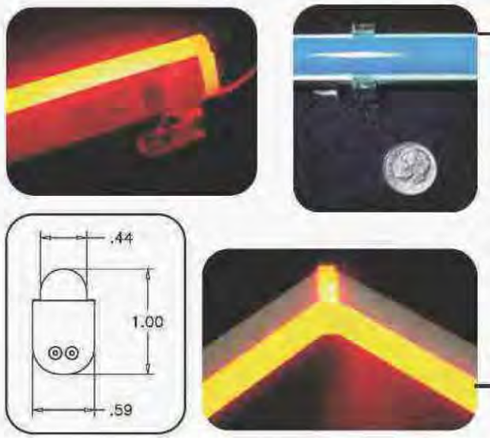
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ColorLINE

The Ultimate LED Border Tube



- Super Bright
- Profile Similar to Neon
- Lit, Mitered Corners
- Fully Compatible with All SloanLED 12 VDC Products

COLORLINE SIZES AND CUT LENGTHS:

- (3) EA. #701800D-B (96 ½" LONG)
- MAKE VERTICAL TUBES FROM (2) 96 ½" PARTS.
- MAKE HORIZONTAL TUBES FROM (1) 96 ½" PART.
- EACH PART MUST HAVE A FACTORY RUBBER END.
- ONCE PLASTIC CAP IS ATTACHED TO THE CUT SIDE, THE TUBE WILL FINISH AT **77 5/32"** FOR VERTICAL IN LENGTH INCLUDING CAP.
  THE TUBE WILL FINISH AT **45 3/16"** FOR HORIZONTAL IN LENGTH INCLUDING CAP.

Item Description	Part # (Tube)	Actual Tube Length	Cut Increments	Power per Foot (Meter)	LEDs per Foot (Meter)	Limited Warranty
2' Tube	701800-Color-2	24 1/2" (62cm)	2.4" (6cm)	2.28W (7.5W)	20 (66)	Warm Colors: 5 Year
4' Tube	701800-Color-4	48 1/2" (123cm)	2.4" (6cm)	2.28W (7.5W)	20 (66)	
6' Tube	701800-Color-6	72 1/2" (184cm)	2.4" (6cm)	2.28W (7.5W)	20 (66)	Cool Colors: 3 Year
8' Tube	701800-Color-8	96 1/2" (245cm)	2.4" (6cm)	2.28W (7.5W)	20 (66)	

Warm Colors: Red, Orange, Yellow Cool Colors: Blue, Green, White

Feet (Meter) per 12VDC Power Supply

SloanLED Power Supply	Self Contained 20	Modular 60	Quad 240
ColorLINE # Feet (Meters)	8 (2.5)	24 (7.5)	96 (30) 24 (7.5) per leg

SLOAN 12V POWER UNIT



MODULAR 60 SPEC'S P/N 701507-MOD



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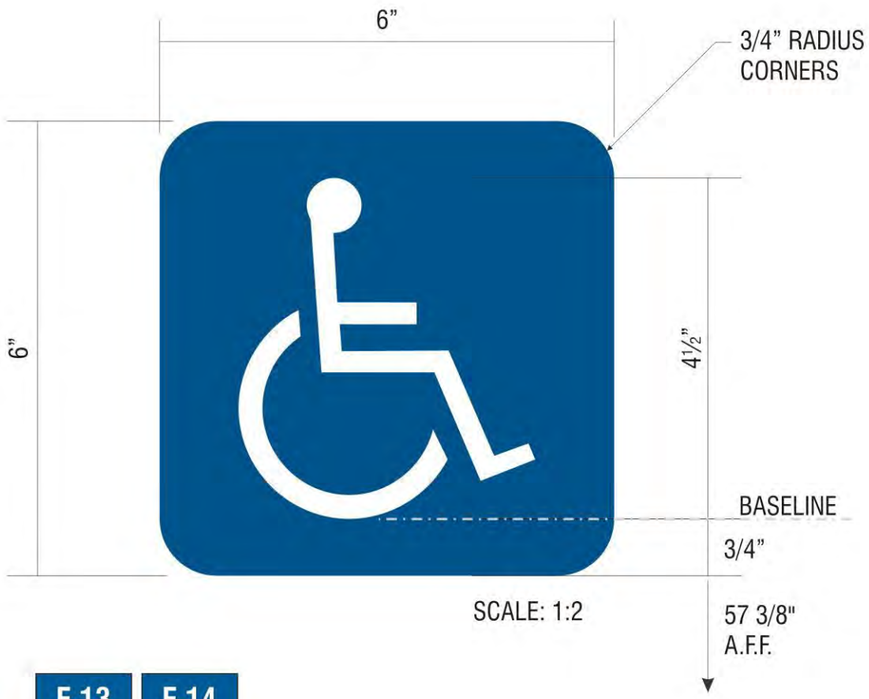
COPY, COLORS & SIZES

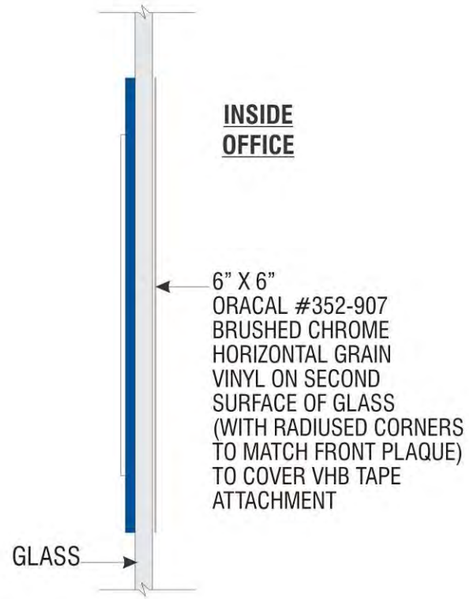
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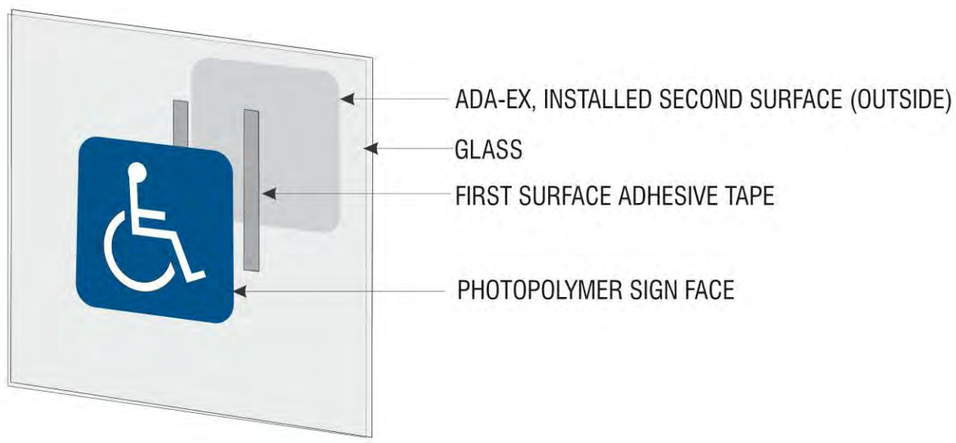


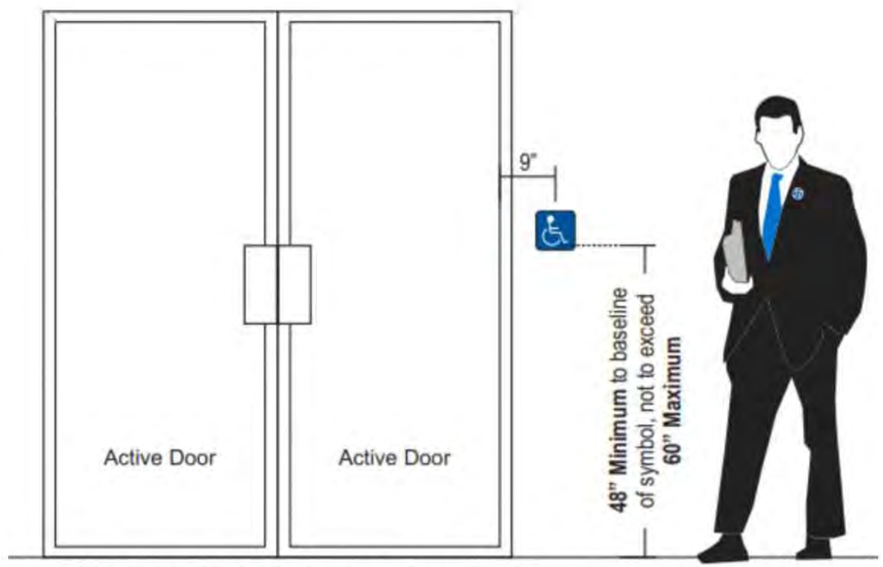
E.13 **E.14**

SIGN TYPE **ADA-EP** ***ACCESSIBLE BUILDING ENTRANCE - A02***

MANUFACTURE AND INSTALL TWO (2) ADA STANDARD ENTRANCE PLAQUES

FACE: 1/8” BLUE GRAVOTAC #341-501V, SATIN NON-GLARE FINISH.
ISA SYMBOL: 1/32” RAISED, BRIGHT WHITE GRAVOTAC.
BRAILLE: 1/32” RAISED CLEAR BEAD, MAXIMUM 1/16" DIA.
INSTALL: MOUNT TO **RIGHT** SIDE OF DOOR WITH VHB TAPE AND SILCONE.





Double door with both doors active, sign is mounted to the right of the right hand door

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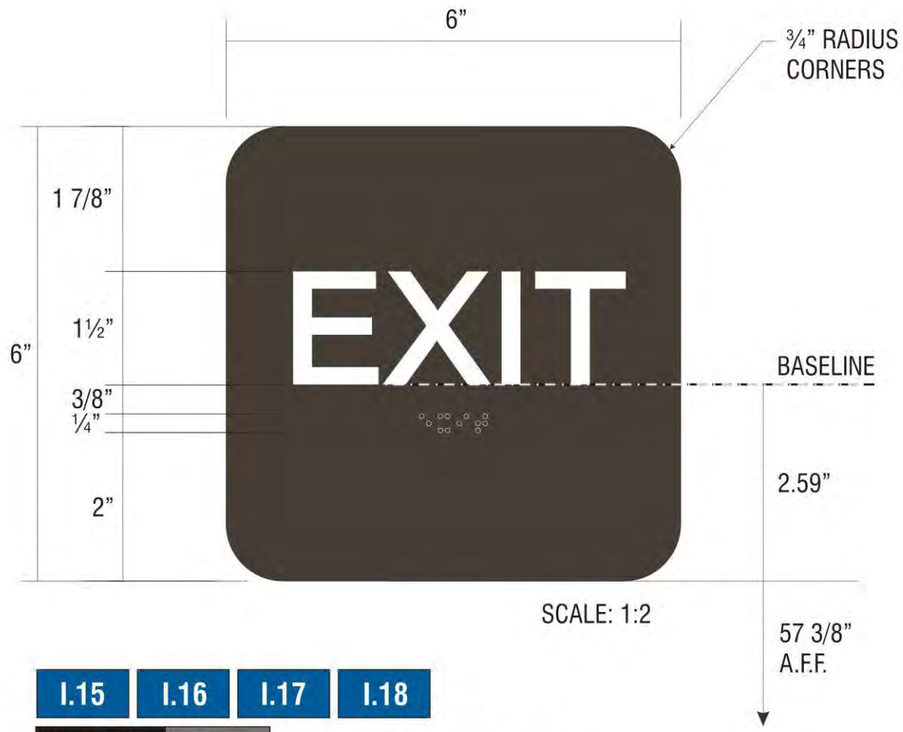
COPY, COLORS & SIZES

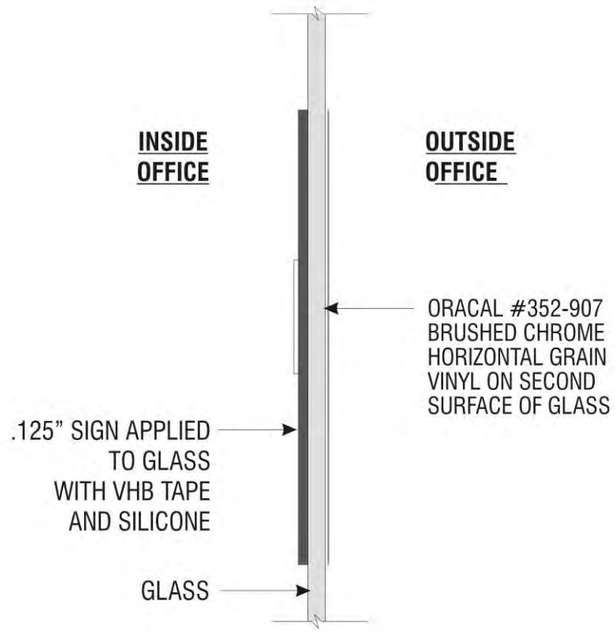
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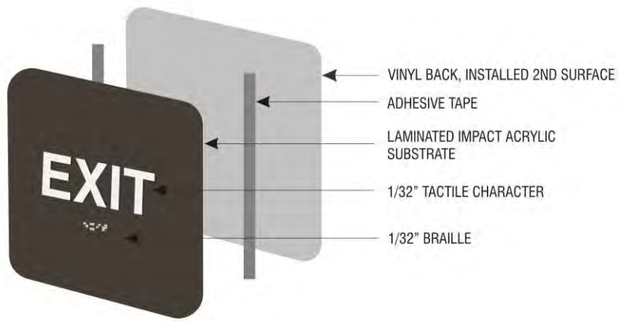


I.15 | I.16 | I.17 | I.18

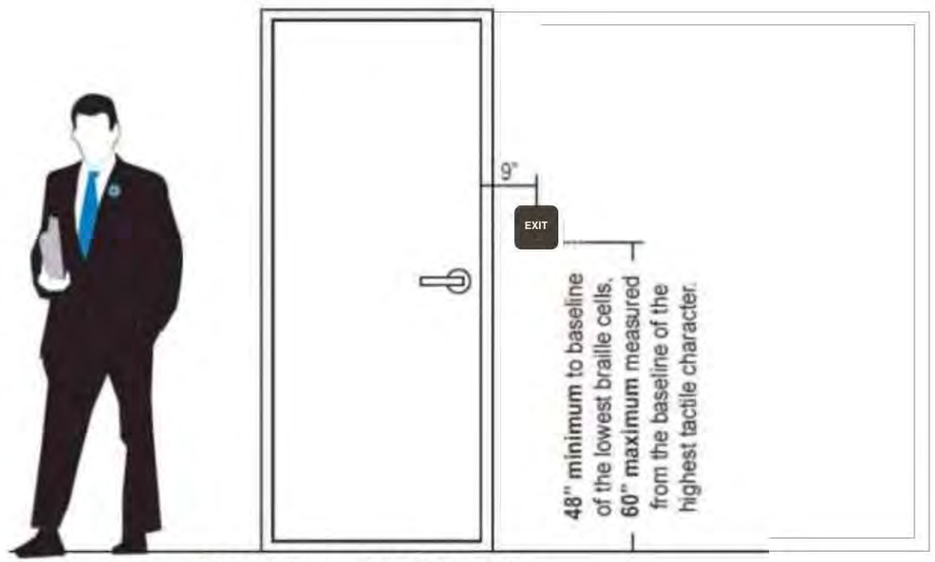
SIGN TYPE ADA-EX ***EXIT DOOR SIGNAGE - A13***

MANUFACTURE AND INSTALL FOUR (4) ADA STANDARD EXIT PLAQUES

FACE: 1/8" GRAVOTAC CHARCOAL GREY, SATIN NON-GLARE FINISH.
COPY: 1/32" RAISED, BRIGHT WHITE GRAVOTAC. HELVETICA REGULAR TT FONT.
BRAILLE: 1/32" RAISED CLEAR BEAD, MAXIMUM 1/16" DIA.
INSTALL: MOUNT TO **RIGHT** SIDE OF DOOR WITH VHB TAPE AND SILCONE.



TYPICAL FABRICATION DETAIL NTS



If latch is on right side of door, sign installed on right side

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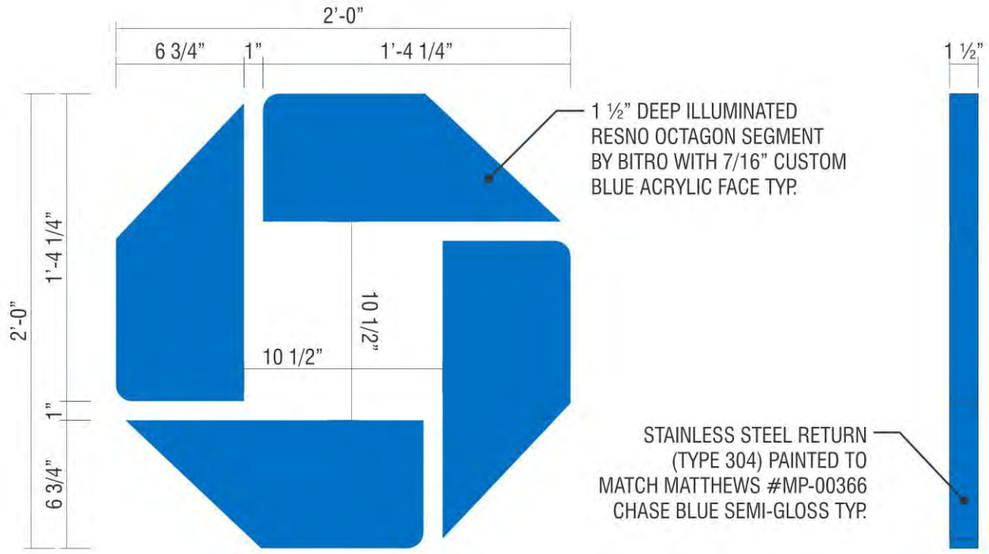
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Revision: R2 - 11.22.22



FRONT VIEW **SCALE: 1 1/2"=1'-0"**

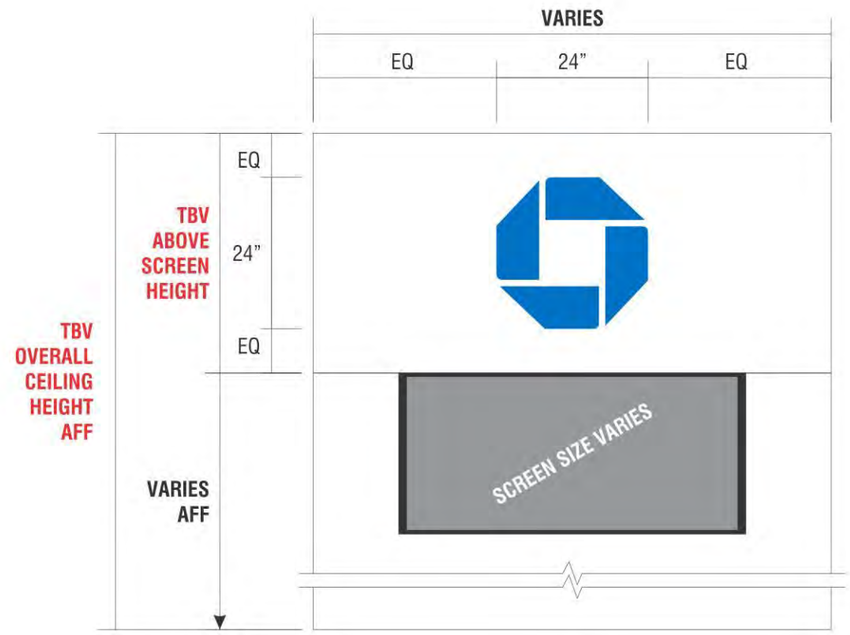
SIDE VIEW
SCALE: 1 1/2"=1'-0"

I.19

SIGN TYPE **OCT-24-INT** **BLUE BITRO**

MANUFACTURE AND INSTALL ONE (1) INTERNALLY-ILLUMINATED OCTAGON

MINIMUM CLEARANCE REQUIRED IS 36", IF THIS CLEARANCE IS NOT MET DO NOT INSTALL UNLESS SIGNTECH PM HAS AUTHORIZED YOU.



ABOVE SCREEN ELEVATION **SCALE: 1/2" = 1'-0"**

GENERAL NOTES:

1. DESIGN IS BASED ON A 5 PSF LATERAL LOAD FOR INTERIOR APPLICATIONS PER IBC 2015. SEISMIC DESIGN CATEGORY D.
2. THE CUSTOMER'S BUILDING ENGINEER IS TO DETERMINE THE ADEQUACY OF THE SUPPORTING STRUCTURE.
3. ALL FASTENERS SHALL BE STAINLESS STEEL OR ZINC COATED TO PREVENT CORROSION.
4. J.P. MORGAN CHASE WILL NOT BE RESPONSIBLE FOR THE SAFETY ON THIS JOB SITE BEFORE, DURING OR AFTER INSTALLATION OF THIS STRUCTURE. IT IS THE RESPONSIBILITY OF THE CONTRACTORS AND INSTALLERS TO ENSURE THAT THE INSTALLATION AND ERECTION OF THIS STRUCTURE IS PERFORMED USING METHODS THAT ARE IN FULL COMPLIANCE WITH OSHA REGULATIONS.
5. ANY DEVIATION FROM THIS DESIGN OR FROM ANY PART OF THIS DRAWING, INCLUDING THE GENERAL NOTES, WITHOUT PRIOR WRITTEN CONSENT FROM J.P. MORGAN CHASE VOIDS THIS DRAWING IN ITS ENTIRETY.
6. THE STRUCTURE DESIGNED ON THIS DRAWING IS PROTOTYPICAL AND SHOULD NOT BE USED FOR SITE SPECIFIC APPLICATIONS UNLESS DEEMED SUITABLE BY A COMPETENT PROFESSIONAL ENGINEER.

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MEMBER MEMBER OF

JP Morgan Chase Bank #J20204600447

Lakewood
14615 Detroit Rd.
Lakewood, OH 44107

Initial Date: 10/27/22
Salesperson: Arthur Navarro
Coordinator: Tracey L Pichierri
Designer: ASena
Scale: As noted

CUSTOMER APPROVAL

Customer Signature Date

COPY, COLORS & SIZES

Signtech does NOT provide primary electrical to sign location - ***RESPONSIBILITY OF OTHERS!***

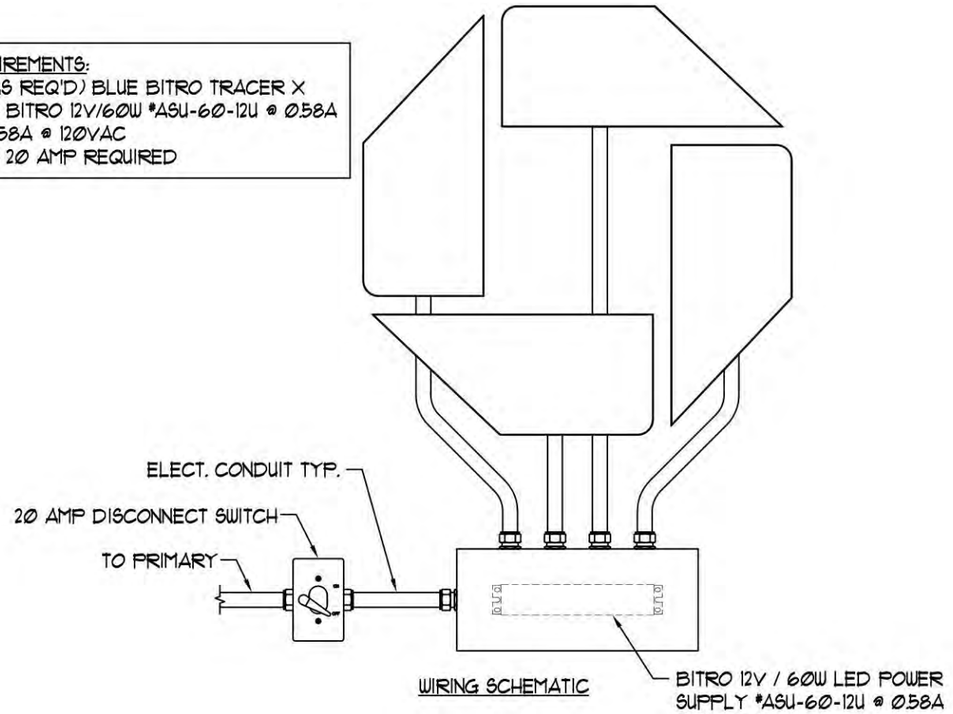
Customer Signature Date

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Drawing Number: 22-02142
Project ID: CHASE_J20204600447_1
Revision: R2 - 11.22.22

ELECTRICAL REQUIREMENTS:

LED:	(AS REQ'D) BLUE BITRO TRACER X
POWER SUPPLY:	(1) BITRO 12V/60W #ASU-60-12U @ 0.58A
TOTAL LOAD:	0.58A @ 120VAC
CIRCUITS:	(1) 20 AMP REQUIRED

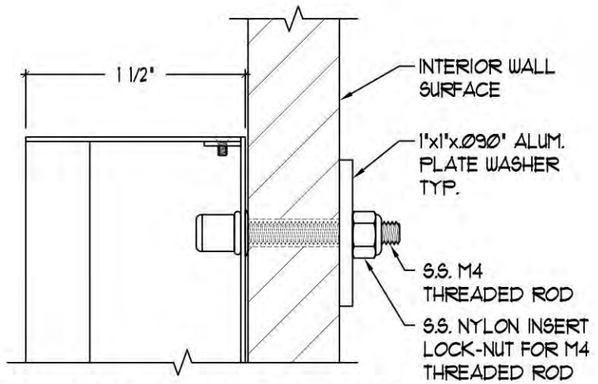


WIRING SCHEMATIC

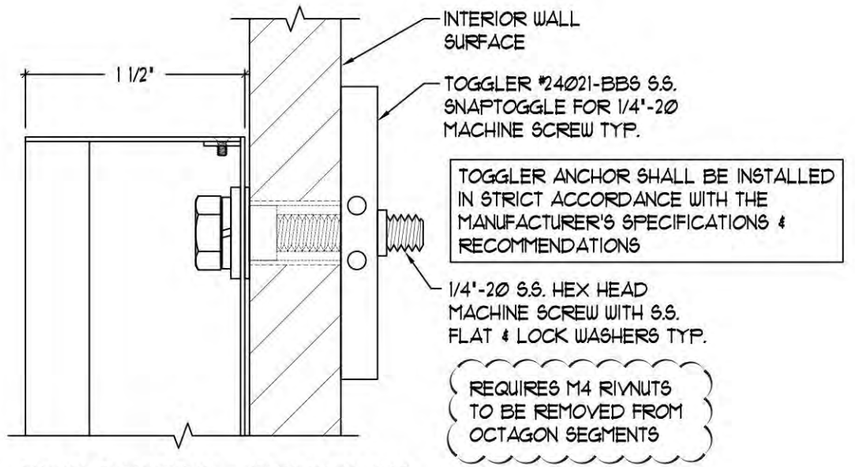
INTERIOR APPLICATION ONLY

ALL EXPOSED FASTENER HEADS SHALL BE PAINTED TO MATCH THE EXTERIOR CABINET FINISH

OCTAGON SHALL BE WIRED TO A REMOTELY MOUNTED POWER SUPPLY



INSTALLATION DETAIL - HAVING REAR ACCESS



INSTALLATION DETAIL - NO REAR ACCESS

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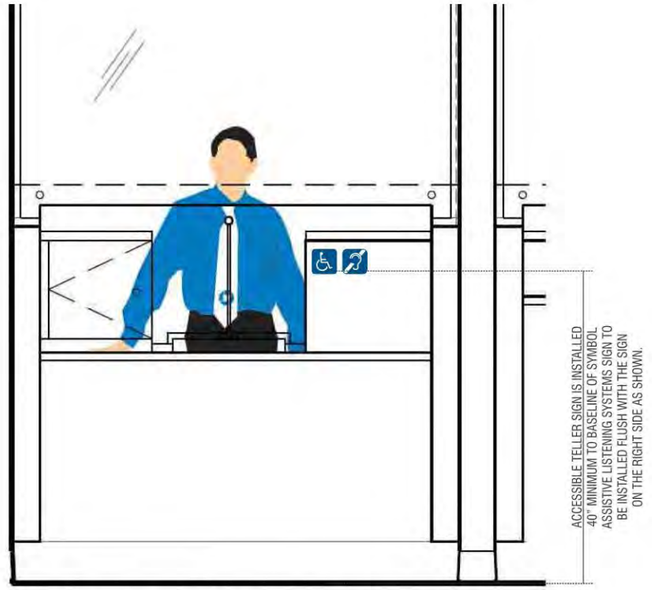
FRONT VIEW SCALE: 3/8”=1”

I.20

SIGN TYPE **ADA-TW** ***ACCESSIBLE TELLER WINDOW - A14***

MANUFACTURE AND INSTALL ONE (1) ADA ACCESSIBILITY PLAQUE

FACE: 1/8” BLUE GRAVOTAC #341-501V, SATIN NON-GLARE FINISH.
ISA SYMBOL: 1/32” RAISED, BRIGHT WHITE GRAVOTAC.
INSTALL: MOUNT AT ACCESSIBLE TELLER LINE, AS SHOWN, WITH VHB TAPE AND SILCONE.



Placement at Arch-Top Teller Stations with Bullet-Resistant Glass

TYPICAL INSTALLATION - BULLET-RESISTANT GLASS SCALE: 1/2”=1’-0”

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#J20204600447

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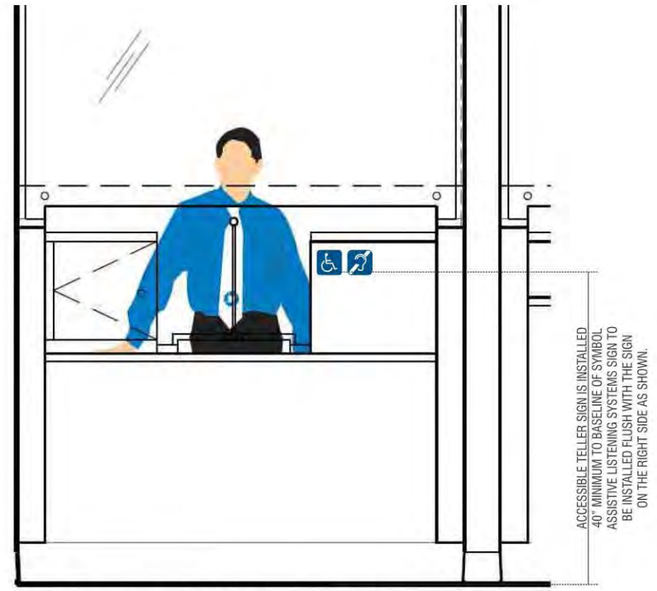


I.21

SIGN TYPE **ADA-TW-ALS** *FOR ACCESSIBLE WINDOW WHERE ASSISTED LISTENING SYSTEMS INSTALLED - A19*

MANUFACTURE AND INSTALL ONE (1) ADA ASSISTED LISTENING SYSTEM PLAQUE

FACE: 1/8” BLUE GRAVOTAC #341-501V, SATIN NON-GLARE FINISH.
SYMBOL GRAPHICS: 1/32” RAISED, BRIGHT WHITE GRAVOTAC.
INSTALL: MOUNT AT ACCESSIBLE TELLER LINE, AS SHOWN, WITH VHB TAPE AND SILCONE.



Placement at Arch-Top Teller Stations with Bullet-Resistant Glass

TYPICAL INSTALLATION - BULLET-RESISTANT GLASS SCALE: 1/2”=1’-0”

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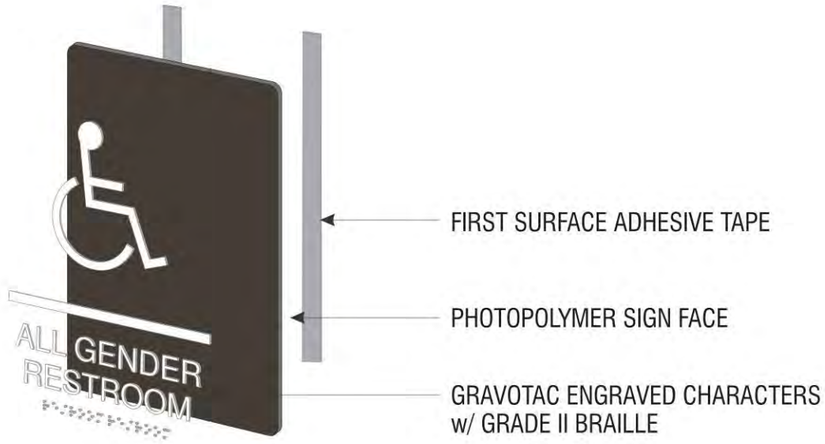
Customer Signature Date

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FRONT VIEW SCALE: HALF SCALE (1:2)

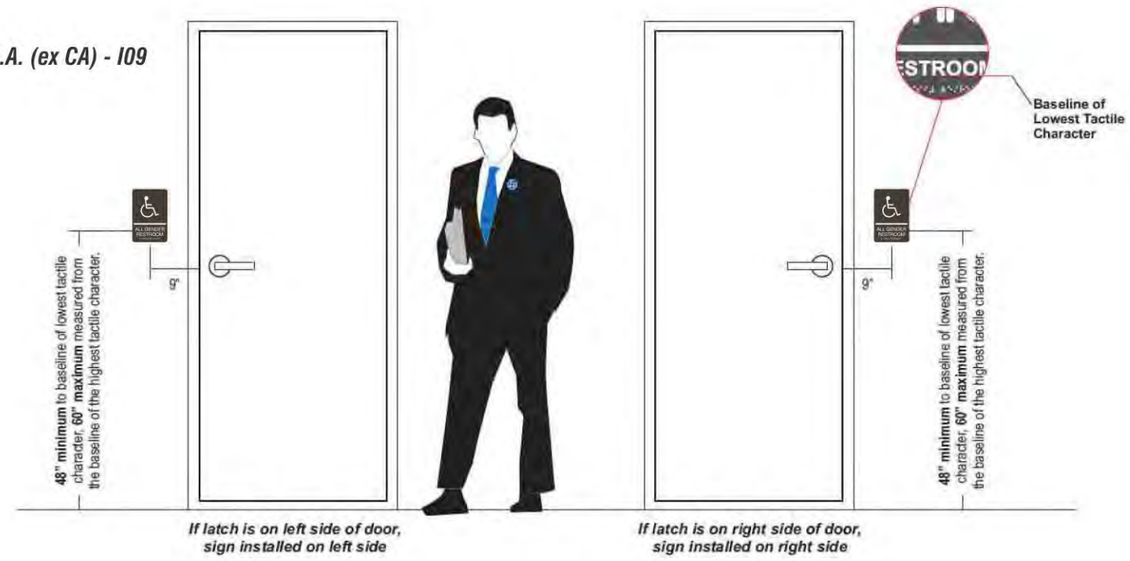


I.22 **I.23**

SIGN TYPE **ADA-RRAG-A-G** ***FOR ACCESSIBLE SINGLE-STALL RESTROOMS ACROSS U.S.A. (ex CA) - I09***

MANUFACTURE AND INSTALL TWO (2) ADA ALL-GENDER RESTROOM SIGNS

FACE: 1/16” PHOTOPOLYMER (NOVACRYL PT-060M), CUT TO SHAPE
W/ PHOTO-ETCHED RAISED COPY & BRAILLE.
PAINT TO MATCH PANTONE BLACK 7C, SATIN FINISH.
COPY: 1/32” RAISED, SATIN WHITE FACES. TYPESTYLE: TT HELVETICA BOLD.
BRAILLE: GRADE II ADA STANDARD, RAISED 1/32”, MAXIMUM 1/10” DOT DIA.
INSTALL: MOUNT TO LATCH SIDE OF DOOR WITH VHB TAPE AND SILCONE.



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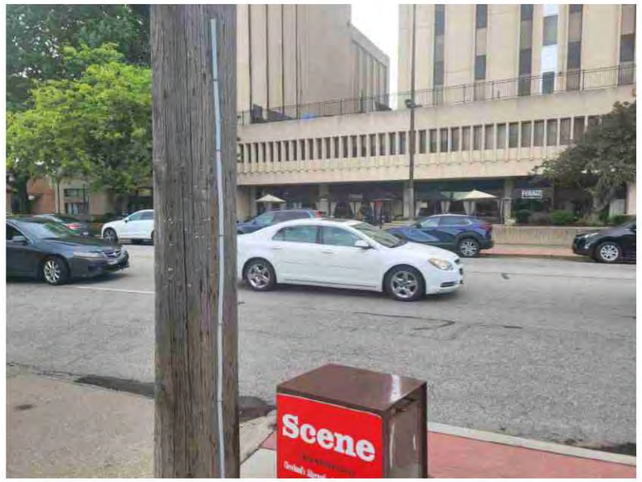
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EXISTING CONDITIONS





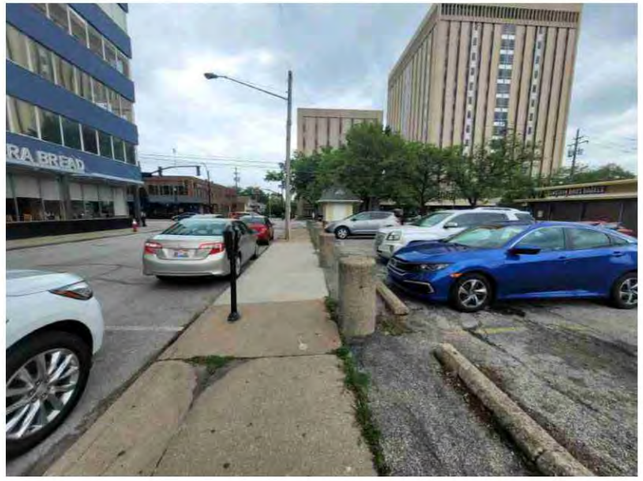














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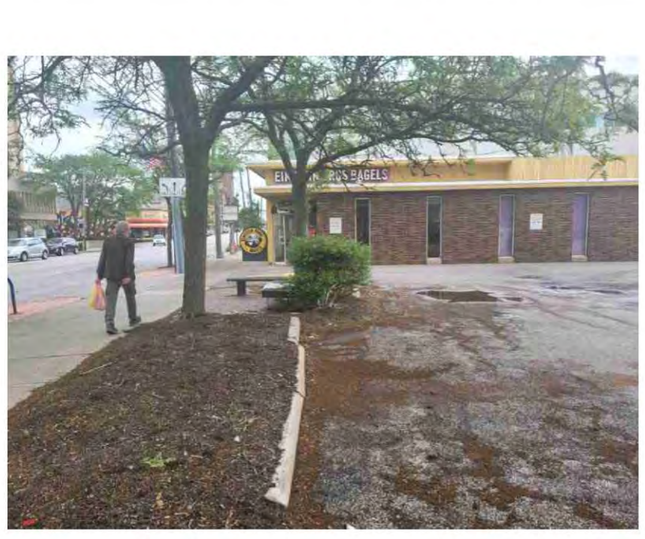
Existing Conditions

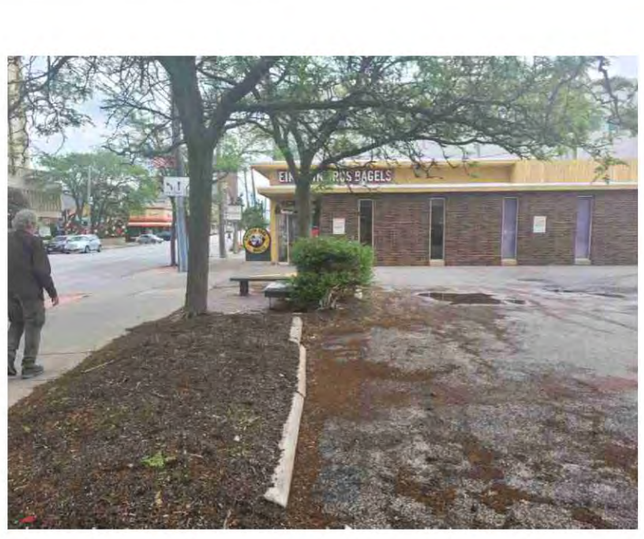
EXISTING CONDITIONS











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Existing Conditions

JEFFREY A. GRUSENMEYER & ASSOCIATES, INC. ARCHITECTS

INTERNATIONAL CODE DIVISION
President
JEFFREY A. GRUSENMEYER RA NCARB
Master Plans Examiner, Building Official

Vice President of Project Development
JASON D. GALDUN RA NCARB

grusenmeyerarchitects.com

February 23, 2023

Christopher Parmelee, Building Commissioner
City of Lakewood, Division of Building Inspection
12650 Detroit Ave.
Lakewood, Ohio 44107

RE: Plan Review No. S23-000012
PROJECT: Chase Bank Sign, 14615 Detroit Avenue, Lakewood, Ohio 44107
OWNER/OWNER'S REP:
DESIGN PROFESSIONALS:

Discipline	Name	Ohio. Reg. No.
See comments.		

OCCUPANCY CLASSIFICATION: B
MIXED OCCUPANCY FIRE SEPARATION N/A
TYPE OF CONST. CLASSIFICATION: IIB

SPACE	UNIT AREA (s.f.)	OCCUPANCY	OCCUPANCY FACTOR	OCC. LOAD
N/A				

*Subject to building official approval per OBC 1004.1. and OBC 2902.1.
BUILDING HEIGHT: 1-Story
FIRE PROTECTION SYSTEMS: ☐Automatic Sprinkler ☐Standpipe ☐Fire Alarm ☐Fire Detection ☐Smoke Control ☐Smoke and Heat Vents ☐Explosion Control ☐Commercial Kitchen Hood/Suppression ☐Emergency Voice/Alarm Communication System
ENERGY CODE COMPLIANCE:
Compliance: ☐ Demonstrated ☐ Not Demonstrated ☒ N/A
Method: ☐ 2018 IECC ☐ 2010 ASHRAE 90.1
Using: ☐ Prescriptive Tables ☐ Trade-off Software/COMcheck ☐ Performance Analysis Software

Please find enclosed the plan review report for the above-named project.

Sincerely,

Jeffrey A. Grusenmeyer, RA, NCARB, President
JEFFREY A. GRUSENMEYER & ASSOCIATES, INC., ARCHITECTS
Certified Master Plans Examiner, Certified Building Official
ENCL: Plan Review Report

PLAN REVIEW REPORT

DATE Received: February 22, 2023
DATE Returned: February 23, 2023
RE: Plan Review No. S23-000012
PROJECT: Chase Bank Sign, 14615 Detroit Avenue, Lakewood, Ohio 44107

The documents have been reviewed in accordance with OBC 107.1, 107.4, 107.5, and 107.6. The following comments are recommendations which the Building Official may accept or reject at his sole discretion in accordance with his responsibilities under OBC 107.5.1 and OBC 106.1 inclusive.

The drawings shall be revised and resubmitted since approval cannot be granted per OBC 105.1 inclusive, or the drawings are inadequate per OBC 107.4.1, with the following exceptions taken. Items 1 through 7 are provided to indicate a statutory requirement or the basis under which the plan review was completed, and require no further comment:

1. The construction, erection, and alteration of a building and any addition thereto, and the equipment and maintenance thereof, shall conform to the required plans which have been approved by the building official, except for minor deviations which do not involve a violation of the rules of the Board. OBC 105.2.
2. One set of approved construction documents shall be kept at the work site along with the manufacturer's installation instructions and product information and shall be open available for use by the inspector. OBC 107.7.
3. If substantive changes to the building are contemplated after first document submission, or during construction, those changes must be submitted to the building official for review and approval prior to those changes being executed. OBC 106.3.
4. No building or structure, in whole or in part, shall be used or occupied until the building official has issued an approval in the form of a certificate of occupancy. OBC 111.1.
5. After construction documents have been approved, construction or work may proceed in accordance with the approved documents. Construction or work for which approval is required shall be subject to inspection by the building official. It shall be the duty of the owner or owner's duly authorized representative to notify the building department when work is ready for inspection. Access to and means for inspection of such work shall be provided for any inspections that are required by this code. OBC 108.1.
6. OBC 102.2 Other laws. The provisions of this code shall not be deemed to nullify any provisions of state or federal law. Municipal corporations may make further and additional regulations, not in conflict with Chapters3781. and 3791. of the Revised Code or with the rules of the board of building standards. However, approval by the board of building standards of any fixture, device, material, system, assembly or product of a manufacturing process, or method or manner of construction or installation shall constitute approval for their use anywhere in Ohio.
7. OBC 102.3 Other rules. As provided in division (B) of section 3781.11 of the Revised Code, the rules of the board of building standards shall supersede and govern any order, standard, or rule of the divisions of the fire marshal or industrial compliance in the department of commerce, and the department of health and of counties and townships, in all cases where such orders, standards or rules are in conflict with the rules of the board of building standards, except that rules adopted and orders issued by the fire marshal pursuant to Chapter 3743. Of the Revised Code prevails in the event of a conflict. There may be other requirements owners

may be required to meet as set forth by other licensing agencies such as the Ohio State Fire Marshal, Ohio Department of Health, the Ohio Department of Jobs and Family Services, Ohio Department of Mental Health and Addiction Services, Ohio Department of Developmental Disabilities, federal agencies, or other licensing authorities. Owners and designers should investigate these additional licensing agency requirements to ensure they are incorporated into the building design before submitting to the certified building department for plan approval. The rules of the board of building standards adopted pursuant to section 3781.10 of the Revised Code shall govern any rule or standard adopted by the board pursuant to sections 4104.02 and 4105.011 of the Revised Code.

8. **OBC 101.2**. **Exception 19.** The provisions of the "Ohio Building Code", the "Ohio Mechanical Code", and the "Ohio Plumbing Code" shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures. As provided in division (B) of section 3791.04 of the Revised Code, no plans. Ground signs identified as E8 & E9 meet this exception and do not require plan approval. The temporary construction sign is specified to be 84" in height, therefore it is required to meet requirements of the OBC. The sign is currently specified to be anchored to the ground using sandbags.
9. **OBC 106.1.1**. The wall sign drawings require additional information or information shown is inadequate or incorrect as follows OBC 106.1.1:
    a) Define the substrate at the roof that is required and how fasteners are to attach into it or through it. For Sign E1, identify the construction of the canopy and what the sign will be fastened to. In addition, specify the type, size and spacing of the fasteners ("Toogler?") and angle length.
    b) Define the steel tube frame and how individual frame members are to be attached to each other. For sign E2 the individual frame members are specified to be welded together; however, weld information has not been provided, such as weld types and length of welds. In addition, page 13 indicates the framing for this sign to be attached to the brick veneer. The framing should be connected to the substrate of the building and is not permitted to be hung off the veneer.
    c) Define all the required attachments such as between individual sign frame members, and sign frame/face members to the frame. For sign E2 dimension location of logo and lettering to aluminum face panel.
    d) Define/provide electrical power, conductor sizes, and other information where electrical is provided to the signs. A separate electrical permit may be required for the sign if not previously provided under the tenant permit package/ application. For sign E1, primary electrical has been noted/shown on page 8, but it is unclear if this is new or provided as part of the new building construction. Sign E2 also is shown requiring power, but also unclear if the power provided is under the sign permit or building construction permit.
10. **OBC 107.4.3.** Construction documents which have been prepared by an Ohio registered design professional who prepared the same as conforming to the requirements of the rules of the board pertaining to design loads, stresses, strength, and stability, or other requirements involving technical analysis, need be examined only to the extent necessary to determine conformity of such construction documents with other requirements of the rules of the board. A registered design professional shall provide analysis of the sign to building connections for signs E1 & E2. Technical analysis shall include documentation that the sign connections meet the OBC requirements for design loads, stresses, strength, and stability.

The foregoing plan review report is based on a general review of code requirements and is not

intended to be comprehensive in nature. The Architect, Engineer and Contractor are not relieved from the requirement to comply with the OBC, the OMC, OPC, the NEC, and all other applicable codes and ordinances. The Architect, Engineer, and/or Certified Sprinkler Designer of record under OBC 106.2, OBC 107.4.3, OBC 107.4.4, or ORC 3791.04 retain sole responsibility for design, plan preparation, and for the provisions for safety and sanitation shown therein.

There may be other regulations applicable under local, state, or federal statutes which this examiner has no authority to enforce and therefore have not been evaluated as part of this plan review.

BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD

12650 Detroit Avenue ● (216) 529-6630 ● FAX (216) 529-5907 ● www.lakewoodoh.gov

Application Cover Page

Docket No.: 04-37-23

Permit No.: BBS23-000016

Applicant Name: Shawn Warren, Erie Design Co., Inc.

Project Address: 12611 Madison Ave.

Project Name: Oktober's

Project: Applicant proposes a blade sign and business name in sign band.


Street View
ee more dates
local art ~ books ~ jewelry ~ candles ~ bongs

8" x 66" pvc 1/2 thick **OKTOBER'S**



37" pole corner mount with 4- 2.5" bolts and sleeves



36" dia



8" h 1/2 thick PVC text
$35 ea x 8.75 $306.25
x 2 sets = $612.50

3' dia 2 sided blade sign $600.
installation est. $200 for all 3
City permits Est. $150
Total $1562.50

ERIE deSign
Signs, Banners & Graphics
216-227-0043
www.eriedesign.com

CLIENT:	JOB #:	DATE:
Oktober's		

ADDRESS:	SALESPERSON/ DESIGNER:	DATE:

REVISION HISTORY:

DATE:	CHANGES MADE:

CLIENT SIGNATURE OF APPROVAL DATE:

16504 Detroit Avenue Lakewood, Ohio 44107 216-227-0043


ABC

DIVISION OF HOUSING AND BUILDING
12650 DETROIT AVENUE • LAKEWOOD, OHIO 44107

MAIN (216) 529-6270
FAX (216) 529-5930
building.permits@lakewoodoh.net
www.lakewoodoh.gov

APPLICATION FOR COMMERCIAL PLAN APPROVAL

(For projects subject to the provisions of the Ohio Building Code Section 107.2)

ALL INFORMATION MUST BE PROVIDED AND LEGIBLE

Project Location [OBC 107.2-2]:

Street Address: 12611 Madison Ave 31523025
Floor Number: _____ Suite: _____
Is this building in the floodplain? ☐ Yes ☐ No

Project Information [OBC 107.2-1]:
(Project Use and Occupancy [OBC 107.2-3])

Project Type (check all that apply):
☐ New Building ☐ Alteration ☐ Addition ☐ Repair
☐ Fence, pool, paving, landscaping, shed, tent, other ☒ Sign

Project Scope (check all that apply):
☐ Demolition ☐ General Building ☐ Mechanical (HVAC)
☐ Electrical ☐ Plumbing ☐ Fire Protection (see below)
☐ Site Work over 8,000 sq. ft.

Describe the (proposed) use (e.g.: Restaurant, boutique, office, etc.):
RE- FACE EXISTING ACRYLIC SIGN FACE ON MONUMENT SIGN

Occupancy class [OBC Chapter 3]: _____
If Mixed Use [OBC 508.1] check one:
☐ Separated ☐ Non-separated ☐ Accessory only

Construction Type [OBC Chapter 6]: _____

Total Project Work Area: Text 3.66 sq ft x 2 and Blade 18 sq ft **Sq. Ft.**

Total cost of construction (valuation): $ $900

Describe the project:
1/2" Thick PVC 8"h x 66"w 4.5 sq. ft.

Blade logo 36"w x 36" h 18 sq. ft. 2 sides mounted to brick with 4) 3" lags and shields

Fire Protection Systems [OBC 106.1.1.1]

(Indicate all that apply as "**E**" for Existing, "**N**" for New, or **NA** if none)

Building Sprinkler System ___ Limited Area Sprinkler System ___
In-Rack Sprinkler System ___ Demand at Riser Base _____ psi
Kitchen Hood Suppression ___ Fire Alarm System _____
Fire Detection System ____ Smoke Detection System _____

Required Construction Documents [OBC Section 106]

3 sets required for Building Department plus
1 set for Fire Department Review (if applicable)
1 (Civil) set for Engineering Review (if applicable)
Date on Plans: 3-13-23

Applicant Information [OBC 107.2-5]

(Building Owner or Representative)

Name: Jessica Oktober
Business Name: Oktobers
Mailing Address: 12611 Madison ave
City/State/Zip Code: Lakewood, Ohio 44107
Phone Number: 216-245-8609
For Best Service Provide Email Address:
joktoberevents@gmail.com

Registered Design Professional [OBC 106.2.1]

☐ Architect ☐ Engineer
☐ Certified Fire Protection System Designer ☐ NA

Name: Shawn Warren
Firm or Business: Erie design
Certificate or Registration Number: on file

Mailing Address: 16504 detroit Ave
City/State/Zip Code: Lakewood Oh 44107
Contact Name: Shawn Warren
Contact Phone: 216-227-0043
For Best Service Provide Email Address:
eriedesign@ameritech.net

Certification [OBC 107.2.5]

I certify that I am the building ☐ Owner ☒ Owner's Authorized Agent

All information provided on this application is true, accurate and complete to the best of my knowledge. All official correspondence in connection with this application should be sent to my attention at the mailing address above. I consent to these plans being reviewed in the order of plans examination determined by the building official.

Signature: _____
Printed Name: Shawn Warren
Date of Application: 9-15-22

For Building Department Use

Case Number: _____
Date Received: _____
Received By: _____

Other Approvals Required (prior to permit issuance):
Fire Marshall: ☐ Yes ☐ No ☐ NA
Engineering ☐ Yes ☐ No ☐ NA
ABR/Planning/Zoning: ☐ Yes ☐ No ☐ NA

Plan Review Fees
Outside Plans Examiner: $_____
Stormwater Review: $ _____

BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD

12650 Detroit Avenue ● (216) 529-6630 ● FAX (216) 529-5907 ● www.lakewoodoh.gov

Application Cover Page

Docket No.: 04-38-23

Permit No.: BBS23-000017

Applicant Name: Nathan David, Everybody Cycle

Project Address: 11798 Detroit Ave.

Project Name: Everybody Cycle

Project: Applicant proposes vinyl window signage and business name in sign band.

FIRST FLOOR KEY NOTES:

1. NOT USED
2. NEW PLUMBING FIXTURE.
3. NOT USED
4. DECORATIVE METAL SCREEN.
5. NEW FLOOR INFILL- WOOD JOISTS, DECKING AND FLOORING TO MATCH EXISTING.
   = INDICATES AREA TO BE INFILLED
6. NEW RAISED PAINTED WOOD PLATFORM / STEPS.
7. NEW STAIR- STEEL PAN STAIRS WITH CONCRETE TREADS/ LANDINGS. 2" SQUARE PROFILE PAINTED STEEL HANDRAIL AND STEEL GUARDRAILS WITH EXPANDED METAL MESH. SEE FINISH PLANS.
8. NEW STAIR- STEEL PAN STAIRS WITH CONCRETE TREADS/ LANDINGS. GLASS GUARDRAILS. SEE FINISH PLANS.
9. DRINK RAIL. SEE FINISH PLANS.
10. SHELVING. SEE MILLWORK DRAWINGS.
11. GLASS RAILING, 36" HIGH.
12. REWORK EXISTING BAR FOR ADA ACCESS.
13. NEW BAR/CASEWORK.
14. NEW ADA LIFT
15. NEW ELEVATOR AND SHAFT. BASIS OF DESIGN: SCHINDLER 3300xl 4500 LB CAPACITY.
16. NOT USED
17. NOT USED
18. LOW WALL. SEE WALL TAG FOR TYPE.
19. NEW FLOOR SLAB TO MATCH ADJACENT SPACE.
20. NEW INTERIOR ADA ACCESSIBLE RAMP. 2" SQUARE PROFILE PAINTED STEEL HANDRAIL. SEE FINISH PLANS.
21. PATCH FLOOR SLAB AS REQUIRED TO RECEIVE NEW FINISHES.
22. NEW RAISED FLOOR. WOOD JOISTS AND DECKING, REFER TO FINISH PLANS.
23. NEW FLOOR LEVEL TO MATCH ADJACENT FLOORS. 5" CONCRETE SLAB ON STEEL DECKING AND BEAMS.
24. HIDDEN PASS THROUGH WINDOW.
25. DECORATIVE SLIDING GATE
26. NEW 2" SQUARE PROFILE STEEL HANDRAIL. SEE FINISH PLANS.
27. NEW GATE AND HARDWARE.
28. RAISED CONCRETE SIDEWALK.
29. NEW CONCRETE ADA ACCESSIBLE RAMP AND STEEL GUARDRAIL WITH EXPANDED METAL MESH. SEE FINISH PLANS.
30. NEW CONCRETE STAIR AND STEEL GUARDRAIL WITH EXPANDED METAL MESH.
31. NOT USED
32. NOT USED
33. NOT USED
34. NOT USED
35. ACOUSTICAL WALL PANELS.
36. NOT USED
37. EXPOSED MASONRY WALLS WALLS/PIERS TO REMAIN.
38. BUILT-IN BANQUETTE
39. WOOD PANELED COLUMNS TO REMAIN.
40. NEW METAL FRAMED STAIR WITH GLASS RAILING. SEE FINISH PLANS.
41. EXISTING COLUMN WITH GYP. BD. FURRING. SEE DETAIL 2/A4.02.

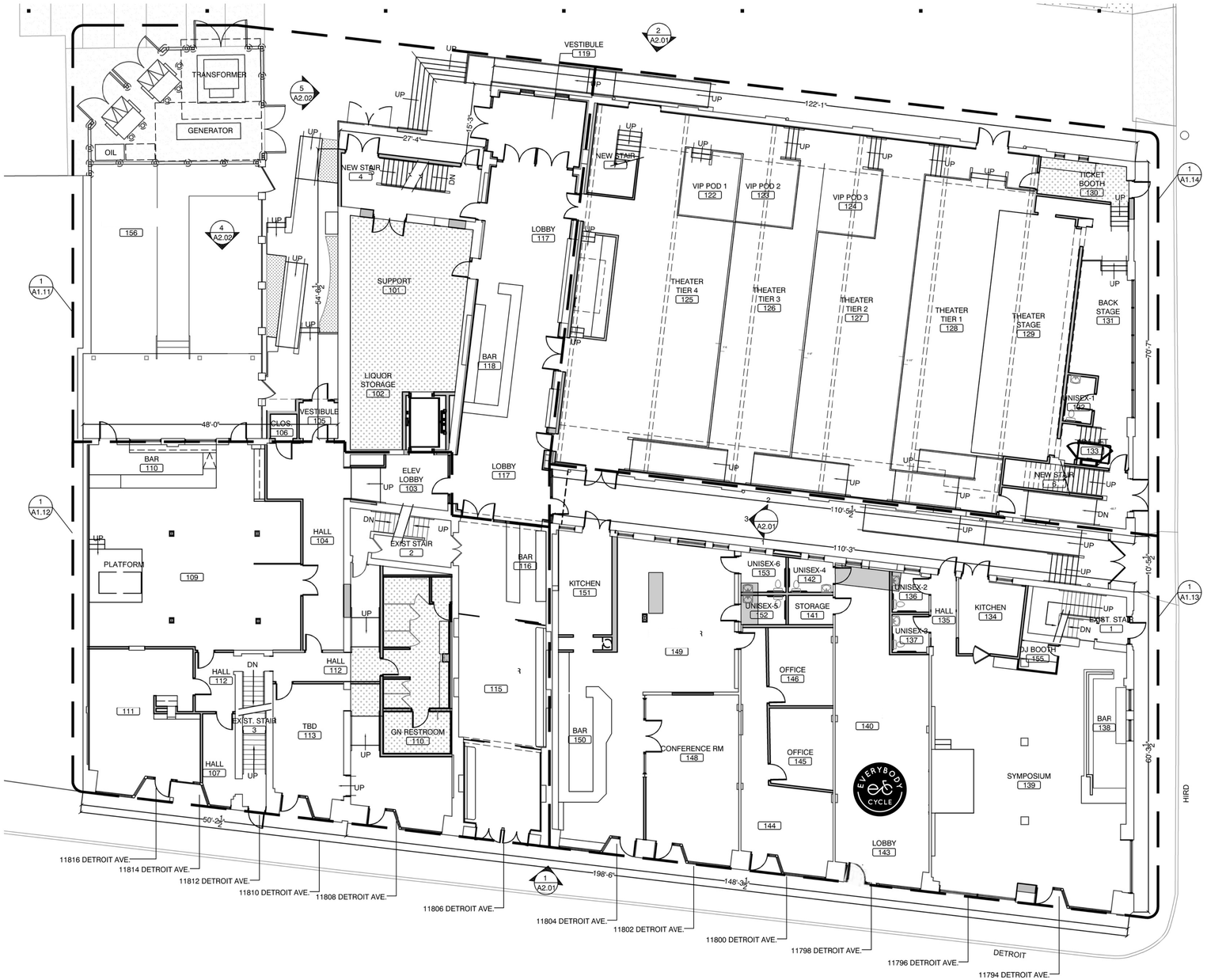
GENERAL FLOOR PLAN NOTES:

1. ANY HISTORIC WALL TRIM, CROWN MOLDING, WINDOW TRIM, ETC. NEEDS TO REMAIN IF FOUND AND/OR REPLICATED THROUGHOUT ENTIRE BUILDING. DOCUMENT PROFILES AS REQUIRED.

2. WALLS WITH GRAY HATCH INDICATE NEW WALLS. WALLS WITH NO HATCH INDICATE EXISTING WALLS.

   = NEW WALL
   = EXISTING WALL

3. INDICATES AREAS WHERE EXISTING FLOOR LEVEL IS TO BE CHANGED. SEE ENLARGED FLOOR PLANS FOR NEW FLOOR LEVEL ELEVATION.



PROJECT NORTH

1 A1.10 FIRST FLOOR PLAN
3/32" = 1'-0"

LARSEN ARCHITECTS
12506 EDGEWATER DRIVE,
LAKEWOOD, OHIO 44107
216-221-2350

PROJECT No: 20013

Phantasy @ Studio West
11794 DETROIT AVE
LAKEWOOD, OH 44107

DRAWN BY:
CHECKED BY:

ISSUE
2021.08.16 SHPO REVIEW
2021.10.04 SHPO REVISIONS

THE CONTRACTOR AGREES THAT LARSEN ARCHITECTS SHALL BE THE FINAL DETERMINER OF THE SCOPE & INTENT OF THESE DRAWINGS.

THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE AND NOTIFY THE ARCHITECTS OF ANY DISCREPANCIES OR OMISSIONS BEFORE BEGINNING OR FABRICATING ANY WORK.

NO SUBSTITUTIONS ARE PERMITTED UNLESS APPROVED BY THE ARCHITECT PRIOR TO BID ACCEPTANCE.

ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE.

NOTES & DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.

ANY DUPLICATION OR MODIFICATION IS FORBIDDEN WITHOUT PRIOR WRITTEN PERMISSION FROM LARSEN ARCHITECTS.

SHEET NUMBER
A1.10
FIRST FLOOR PLAN



EVERYBODY CYCLE

EVERYBODY CYCLE

EVERYBODYCYCLE.COM

11798 DETROIT AVE

EVERY

BODY

CYCLE

JOY

CONNECTION

POWER


160"
30"
EVERYBODY CYCLE
144"
36.5"
EVERYBODY CYCLE
EVERYBODYCYCLE.COM
11798 DETROIT AVE
76"
38"
E
V
E
R
Y
82"
JOY
38"
B
O
D
Y
82"
CONNECTION
38"
C
Y
C
L
E
82"
POWER

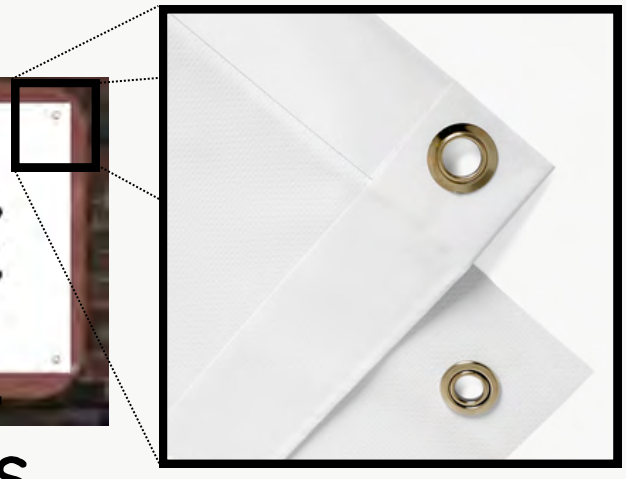
EVERYBODY CYCLE SIGNAGE

COLORS

LOGOS

MATERIALS

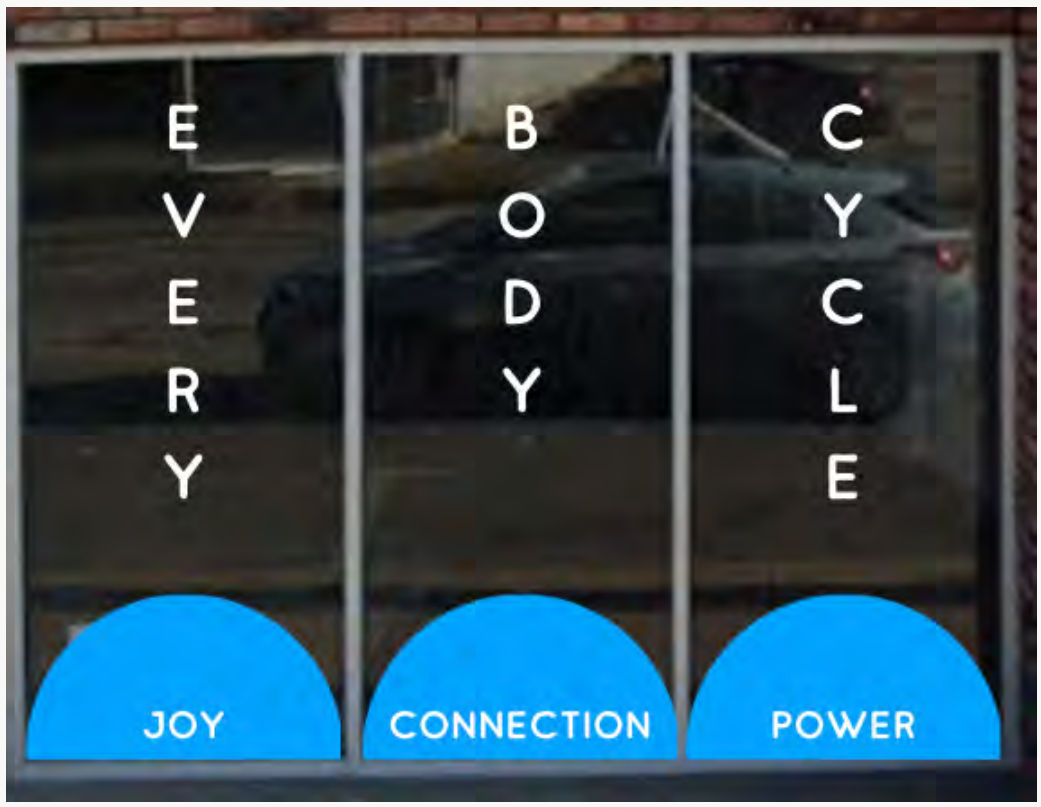




WHITE VINYL SIGN WITH SILVER RIVETS



SOLID VINYL
ON ENTIRE DOOR



VINYL ON CLEAR GLASS

BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD

12650 Detroit Avenue ● (216) 529-6630 ● FAX (216) 529-5907 ● www.lakewoodoh.gov

Application Cover Page

Docket No.: 04-39-23

Permit No.: BBS23-000024

Applicant Name: Steven Foster, The Sign & Graphics Firm, LLC

Project Address: 15003 Madison Ave.

Project Name: The Grooming Loft by Sophie

Project: Applicant proposes vinyl window signage and business name in sign band.

BEFORE



PROPOSED



156”

6”

THE GROOMING LOFT by SOPHIE

1” Painted PVC

THE GROOMING LOFT by SOPHIE

1/8” galvanized threaded stud (glued into letter & sign board)



Side view of studs

This drawing is CONFIDENTIAL and PROPRIETARY. Use without written permission of The Sign & Graphics Firm is strictly prohibited.

***NOTE**: Renderings are approximate representations of final production.*

Steven Foster
216.390.0198
sgfoster09@gmail.com

The SIGN & GRAPHICS FIRM

BUSINESS NAME:
THE GROOMING LOFT by SOPHIE

ADDRESS:
15003 Madison Ave.
Lakewood, OH 44107

1
3-22-23

BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD

12650 Detroit Avenue ● (216) 529-6630 ● FAX (216) 529-5907 ● www.lakewoodoh.gov

Application Cover Page

Docket No.: 04-40-23

Permit No.: BBS23-000026

Applicant Name: Major Harrison III, Major Source LLC

Project Address: 14005 Madison Ave.

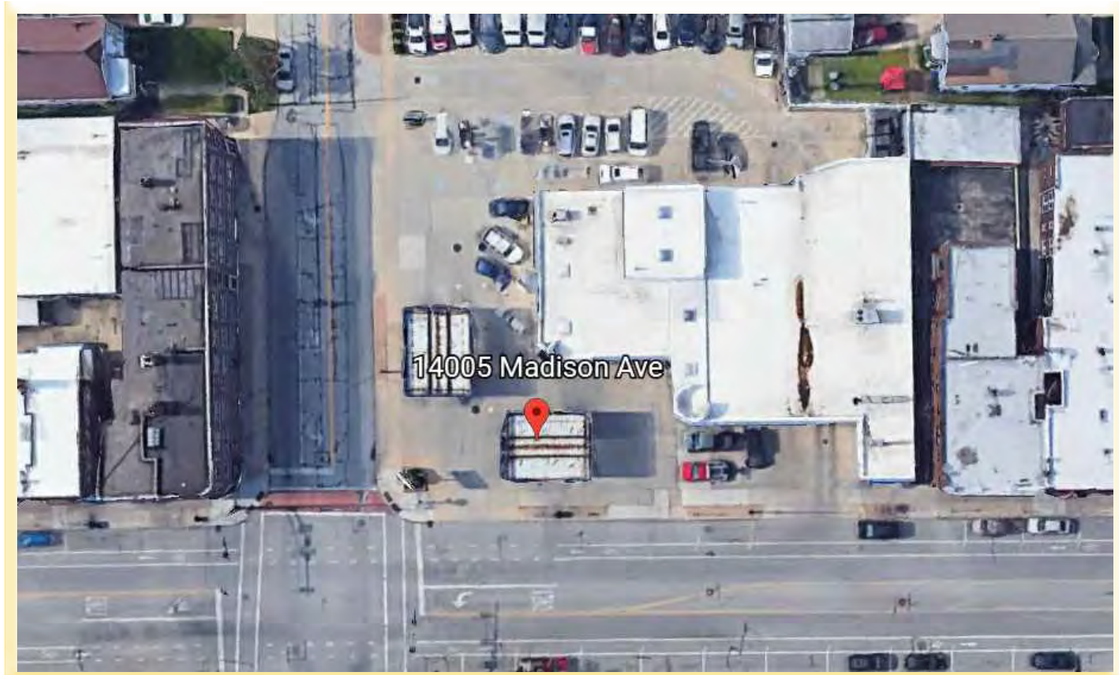
Project Name: Sunoco

Project: Applicant proposes replacement signage for an existing business.

14005 Madison Ave.
Lakewood, OH 44107

BL# 8000936601





IMAGING THE PETROLEUM INDUSTRY FOR OVER 30 YEARS

Revisions:

Rev. 0 - Original Drawing	09/14/2022

Address: 14005 Madison Ave.
Lakewood, OH 44107

Customer: BAZO CONSTRUCTION

Drawn by: EG

Job Number: SUN-29084-SR

Date: 09/14/2022

Customer Approval: _____

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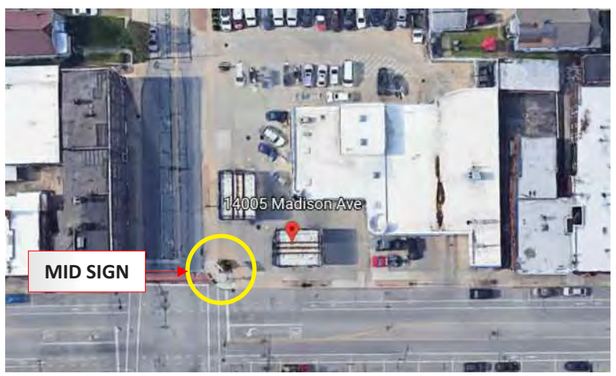
<---------- Please initial here

Main ID Sign

Scope of Work:

MID Scope Of Work TBD

Contractor working with Everbrite directly on MID SOW.
This Page to be updated as soon as Everbrite Drawing is available



Existing MID



Square Footage Totals:

Existing:
TBV

Proposed:
TBD

TOTAL IMAGING
IMAGING THE PETROLEUM INDUSTRY FOR OVER 30 YEARS

Revisions:

Rev. 0 - Original Drawing	09/14/2022

Address: 14005 Madison Ave.
Lakewood, OH 44107

Customer: BAZO CONSTRUCTION

Drawn by: EG

Job Number: SUN-29084-SR

Date: 09/14/2022

Customer Approval: _____

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<---------- Please initial here

Ultra Image Gas Canopy #1

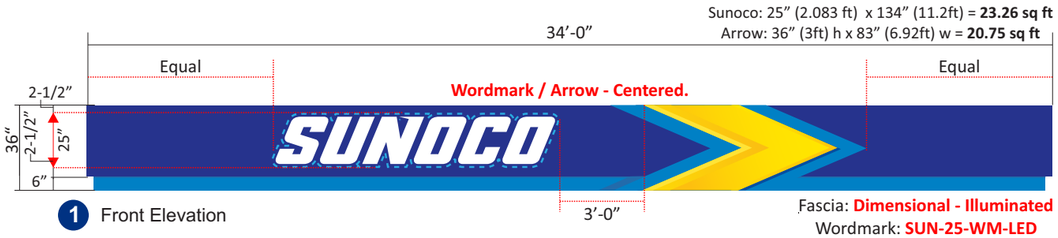
34’-0” x 25’-0” x 36”
Qty: 2 Canopy Columns

Existing Gas Canopy



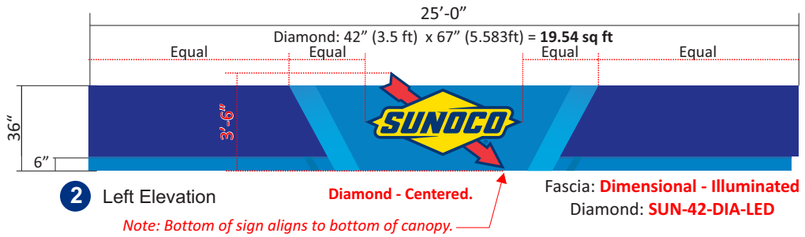
1 Front Elevation

Dimensional - Illuminated Fascia



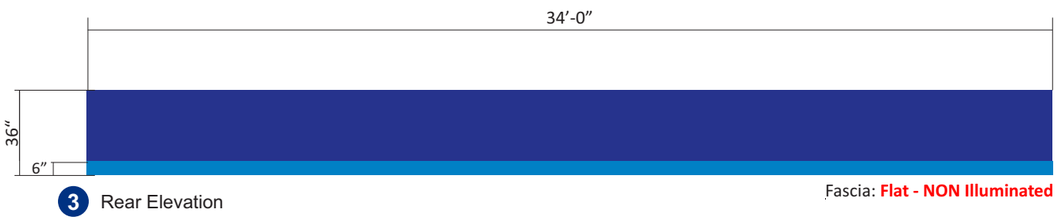


2 Left Elevation



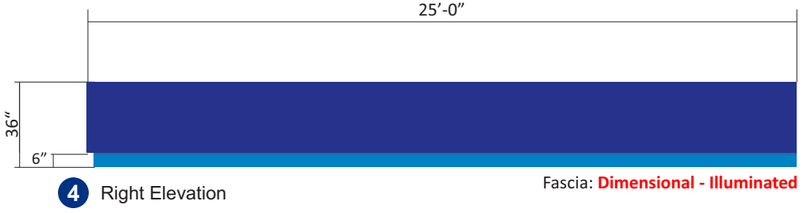


3 Rear Elevation



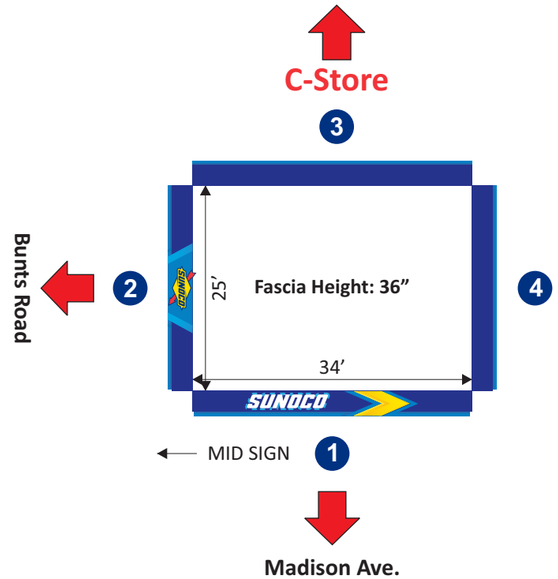


4 Right Elevation



Scope of Work:
Remove existing fascia and dispose.
Install square corner kits provided by Fed Heath.
Install 36” pre-imaged Sunoco Blue/Lt Blue fascia panels.
Fascia to be DIMENSIONAL-ILLUMINATED on front/left/right.
Fascia to be FLAT NON-ILLUMINATED on rear elevation.
Install Qty: 1 Sunoco Wordmark Cloud Sign & Arrow on front elevation (Wordmark/Arrow - Centered)
Install Qty: 1 Sunoco Diamond on left elevation (Diamond - Centered)





TOTAL IMAGING
IMAGING THE PETROLEUM INDUSTRY FOR OVER 30 YEARS

Revisions:

Rev. 0 - Original Drawing	09/14/2022
Rev. 1 - Moved diamond to left elevation.	01/30/2023

Address: 14005 Madison Ave. Lakewood, OH 44107

Customer: BAZO CONSTRUCTION

Drawn by: EG

Job Number: SUN-29084-SR

Date: 09/14/2022

Customer Approval: _____

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<---------- Please initial here

Ultra Image Gas Canopy #2

34’-0” x 25’-0” x 36”
Qty: 2 Canopy Columns

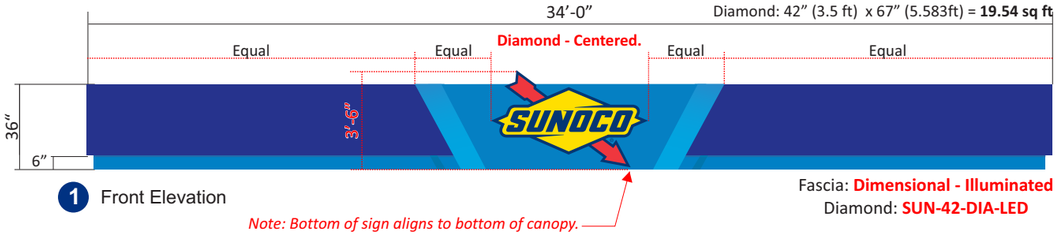
Existing Gas Canopy

Dimensional - Illuminated Fascia

Scope of Work:
Remove existing fascia and dispose.
Install square corner kits provided by Fed Heath.
Install 36” pre-imaged Sunoco Blue/Lt Blue fascia panels.
Fascia to be DIMENSIONAL-ILLUMINATED on front/left/right.
Fascia to be FLAT NON-ILLUMINATED on rear elevation.
Install Qty: 1 Sunoco Diamond on front elevation
(Diamond - Centered)



1 Front Elevation



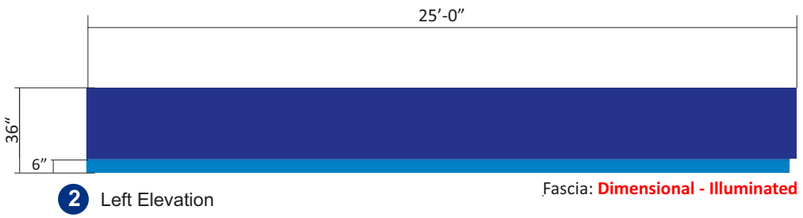
1 Front Elevation

Fascia: **Dimensional - Illuminated**
Diamond: **SUN-42-DIA-LED**

Note: Bottom of sign aligns to bottom of canopy.



2 Left Elevation

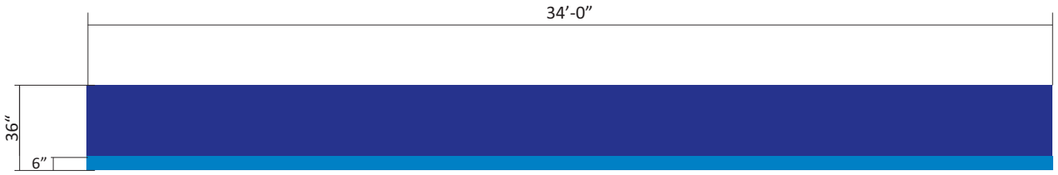


2 Left Elevation

Fascia: **Dimensional - Illuminated**



3 Rear Elevation

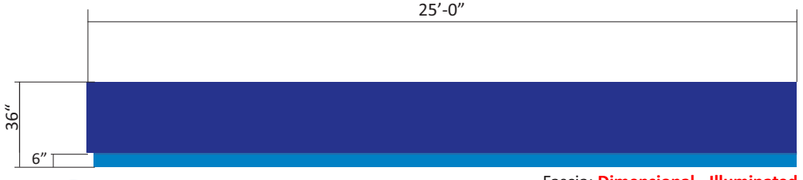


3 Rear Elevation

Fascia: **Flat - NON Illuminated**



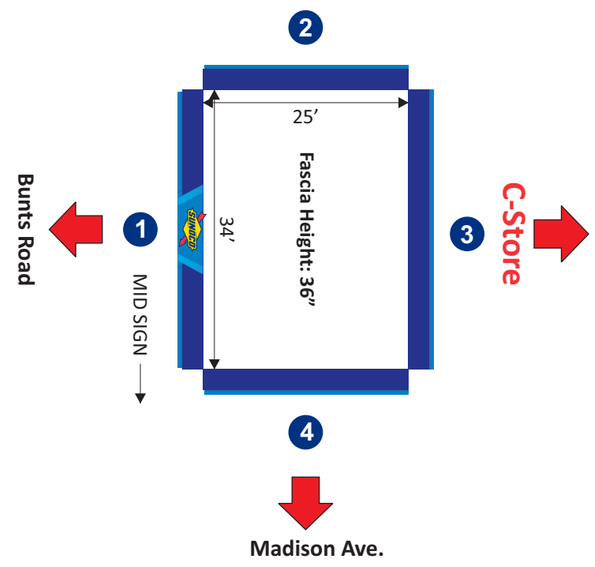
4 Right Elevation



4 Right Elevation

Fascia: **Dimensional - Illuminated**





TOTAL IMAGING
IMAGING THE PETROLEUM INDUSTRY FOR OVER 30 YEARS

Revisions:

Rev. 0 - Original Drawing	09/14/2022

Address: 14005 Madison Ave.
Lakewood, OH 44107

Customer: BAZO CONSTRUCTION

Drawn by: EG

Job Number: SUN-29084-SR

Date: 09/14/2022

Customer Approval: _____

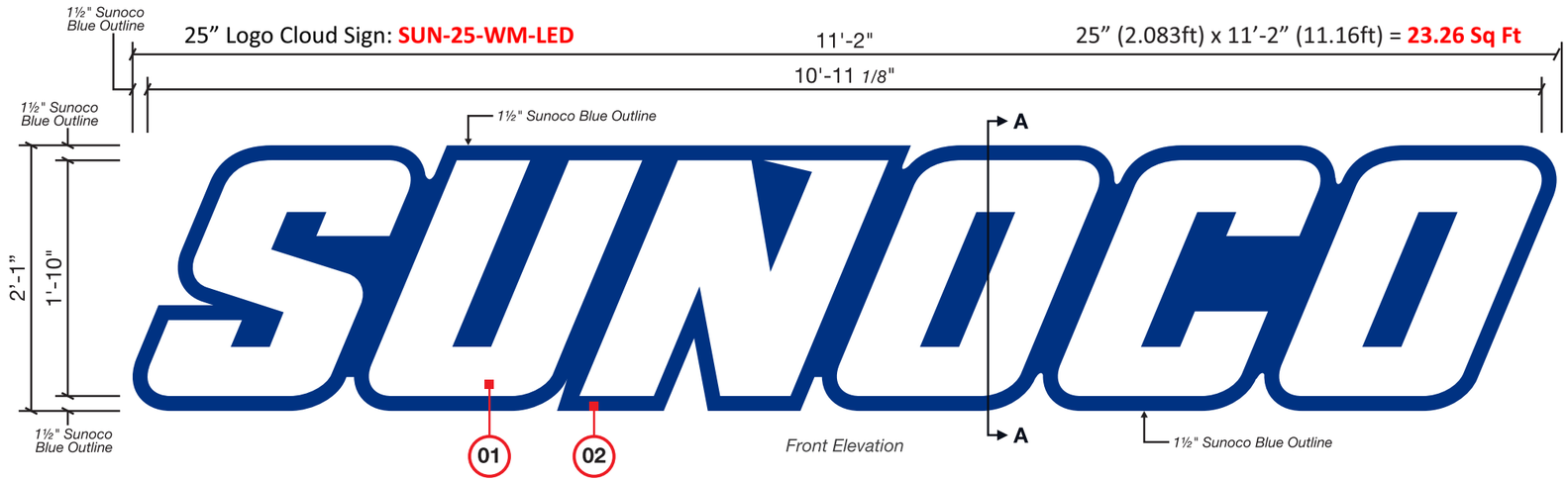
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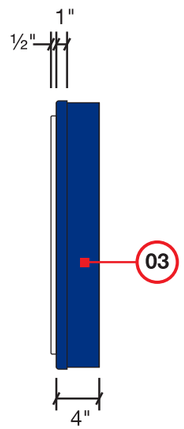
Wordmark & Arrow

25” Logo Cloud Sign: **SUN-25-WM-LED**

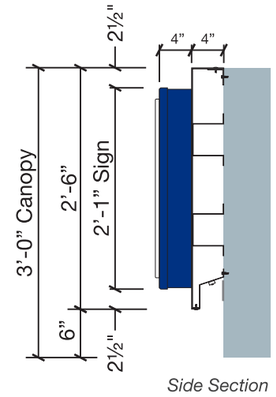
25” (2.083ft) x 11’-2” (11.16ft) = **23.26 Sq Ft**



Front Elevation



Side View



Side Section

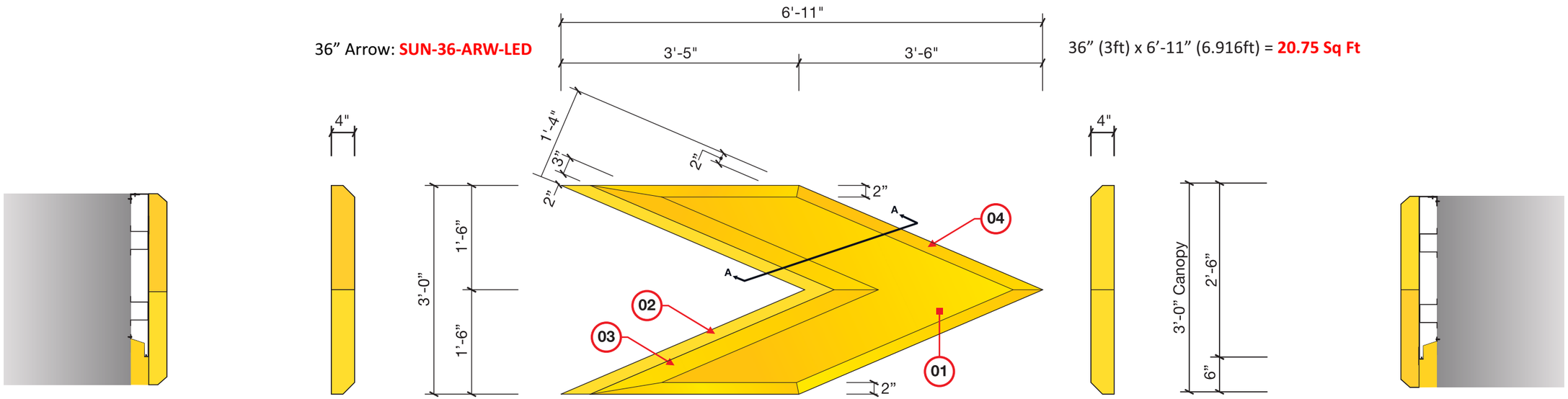
01 Vacuum Formed White Polycarbonate Face w/ 1/2” thk Embossed Logo

02 1½”± Opaque Blue Border painted to match SUNOCO Blue

03 .063 Aluminum Side Returns painted to match SUNOCO Blue

36” Arrow: **SUN-36-ARW-LED**

36” (3ft) x 6’-11” (6.916ft) = **20.75 Sq Ft**



Trailing End View

Trailing End View

Front Elevation

Leading End View

Leading End View

TOTAL IMAGING

IMAGING THE PETROLEUM INDUSTRY FOR OVER 30 YEARS

Revisions:

Rev. 0 - Original Drawing	09/14/2022

Address: **14005 Madison Ave. Lakewood, OH 44107**

Customer: BAZO CONSTRUCTION

Drawn by: EG

Job Number: SUN-29084-SR

Date: 09/14/2022

Customer Approval: _____

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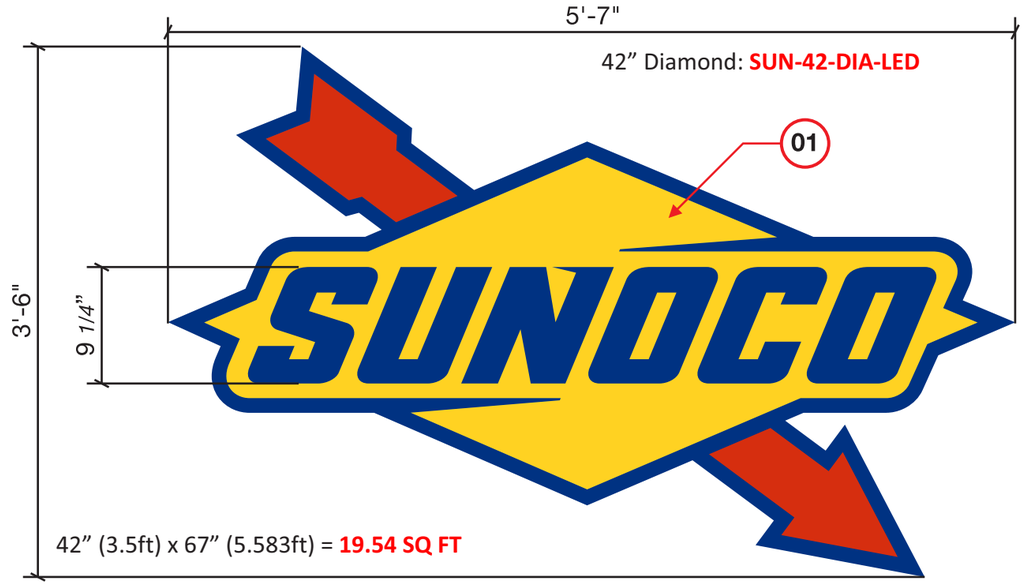
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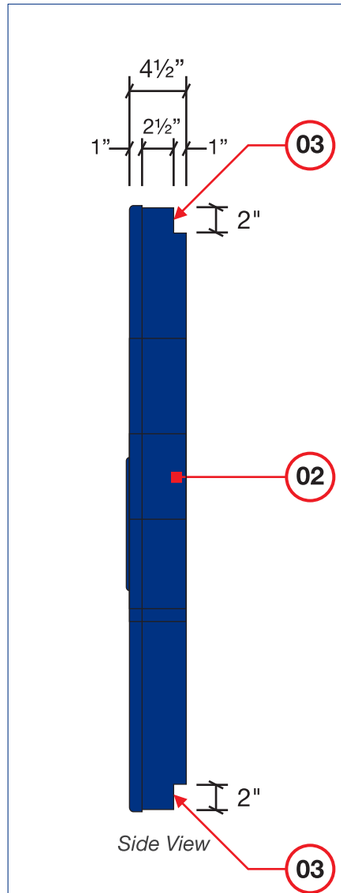
Canopy Diamond Sign

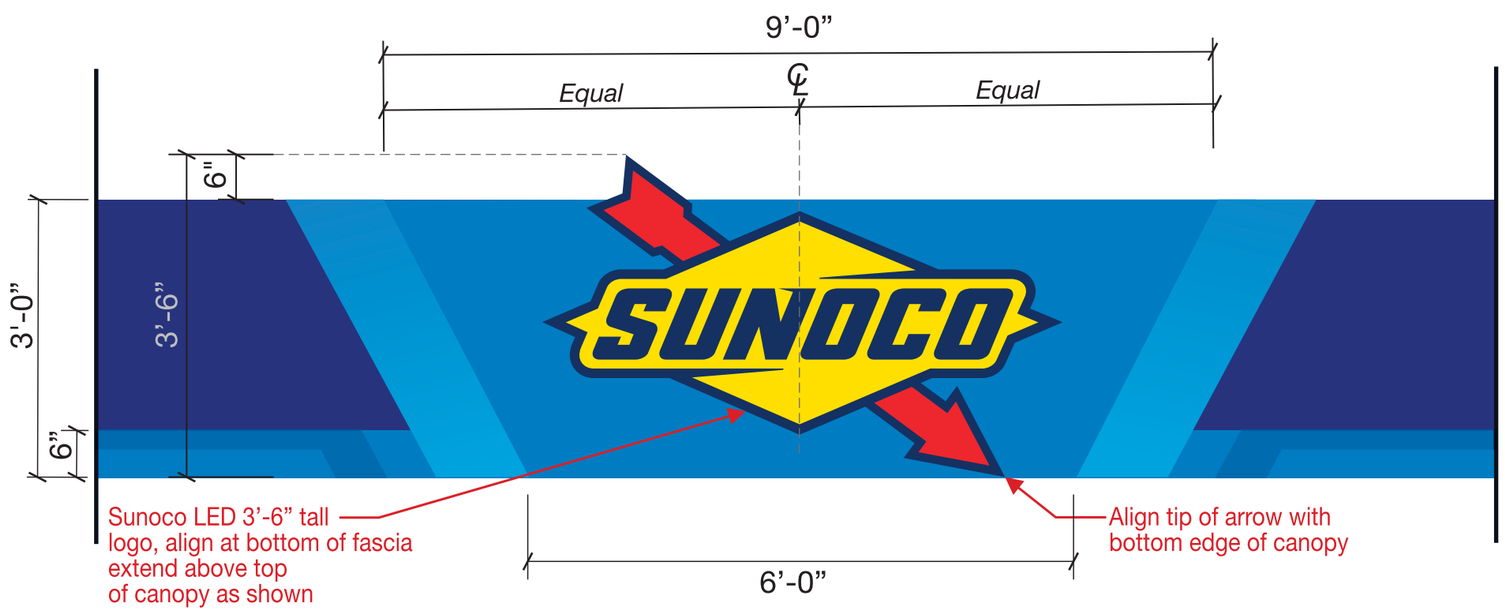
01 -Vacuum Formed Polycarbonate Face w/ 1/4" thk Embossed Logo
(See Emboss Detail Below)

02 -Vacuum Formed Polycarbonate Opaque Backer w/ clear "window" around rear perimeter for Halo Lighting.

03 -Clear Halo Window around Rear Perimeter of sign







TOTAL IMAGING
IMAGING THE PETROLEUM INDUSTRY FOR OVER 30 YEARS

Revisions:

Rev. 0 - Original Drawing	09/14/2022

Address: 14005 Madison Ave.
Lakewood, OH 44107

Customer: BAZO CONSTRUCTION

Drawn by: EG

Job Number: SUN-29084-SR

Date: 09/14/2022

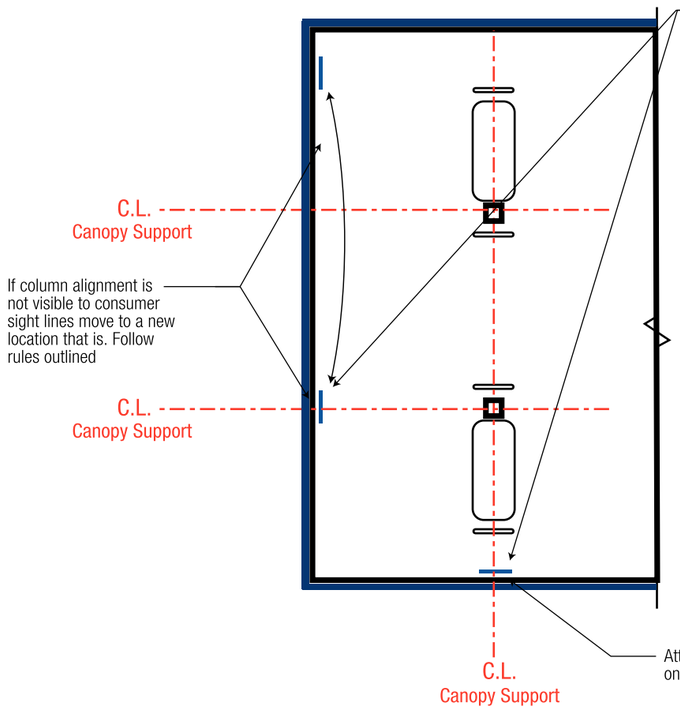
Customer Approval: _____

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CLEARANCE SIGNS & PUMP # SIGN SPECS

OPTIONAL



Note:

1. Canopy Clearance Sign should be positioned in the most visible sight lines for consumers entering the forecourt.

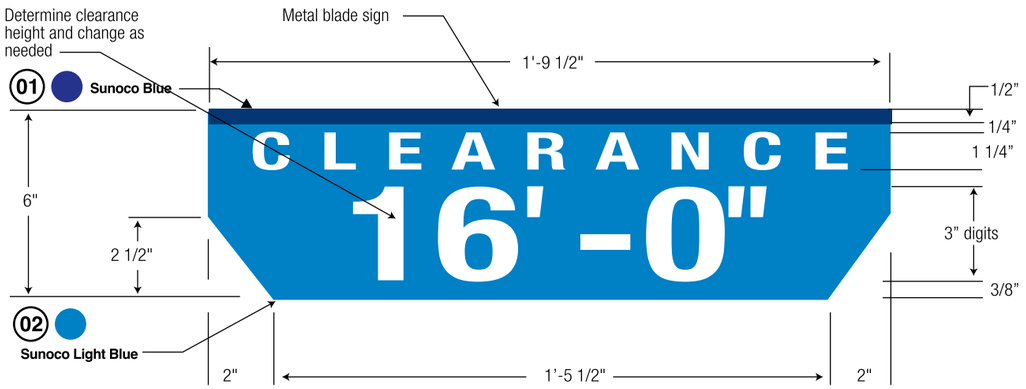
2. Align off column as first priority. If that location does not provide adequate visibility, move to a position that does.

3. Do not position Clearance sign under a Sunoco word mark sign or Sunoco diamond sign when possible. Follow rules established on this sheet

4. (2) Clearance signs are typically used per canopy. If more are needed, seek approval from Sunoco reimage team

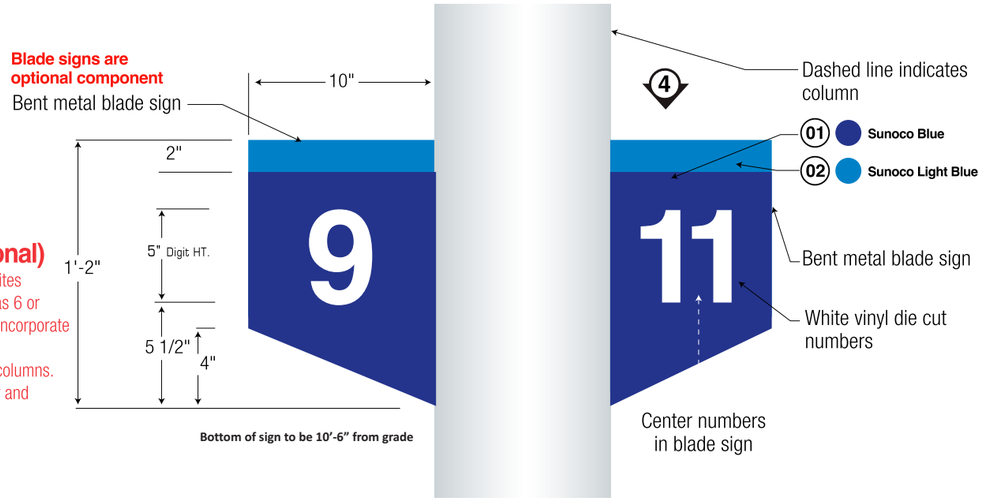
Plan View - Location of sign (D)

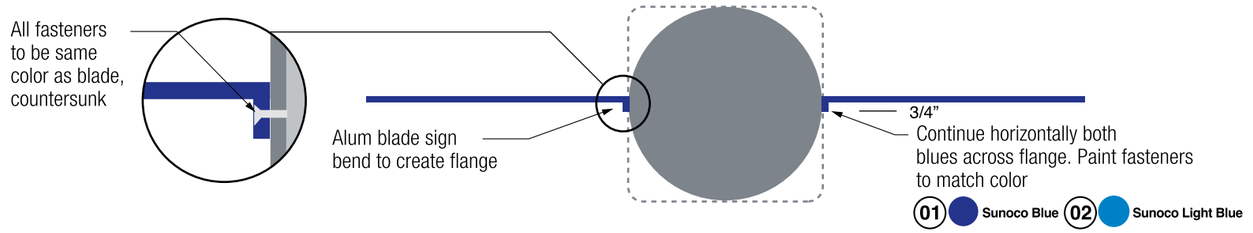
SCALE: 1 1/2" = 1'- 0"

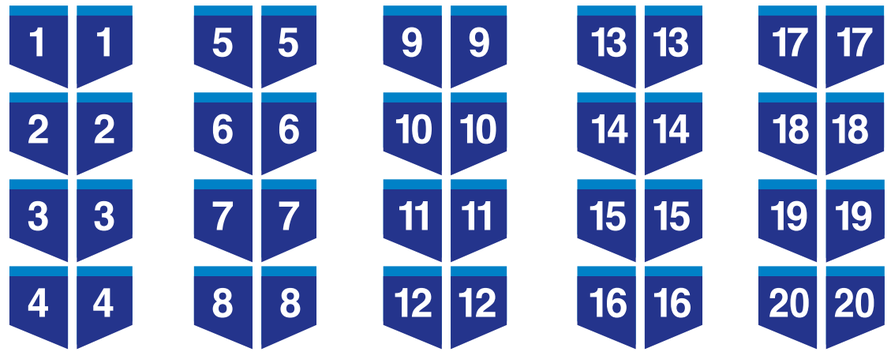


Fuel Blade Sign (Optional)

Blade signs are not recommended for sites that have 5 or less dispensers. If site has 6 or more dispensers it is recommended to incorporate blade signs.
Flag signs are mounted on the canopy columns. Should be visible for both the consumer and C-Store.







TOTAL IMAGING

IMAGING THE PETROLEUM INDUSTRY FOR OVER 30 YEARS

Revisions:

Rev. 0 - Original Drawing	09/14/2022

Address: 14005 Madison Ave.
Lakewood, OH 44107

Customer: BAZO CONSTRUCTION

Drawn by: EG

Job Number: SUN-29084-SR

Date: 09/14/2022

Customer Approval: _____

This original drawing is property of T.I. and is not to be exhibited, copied, or reproduced without permission.

<---------- Please initial here

Canopy Deck & Lighting

Scope of Work:

Pressure wash gas canopy decking.
Paint gas canopy decking white IF NEEDED.
Replace decking lights with LED if existing are not already LED.

Per Sunoco specifications, all gas canopy decks should be White; diesel canopy decking should be painted Black.
Canopy decks should be clean and free of peeling paint.
Canopy decks that are not clean should be power washed.
Canopy decks should be freshly re-painted if the underside was previously painted.

All canopy lights should be fully functional with clean lenses.
Damaged or missing lenses should be replaced.
If site does not currently have LED decking lights they must be updated to LED.

Existing Gas Canopy Decking & Lighting

Gas Canopy #1



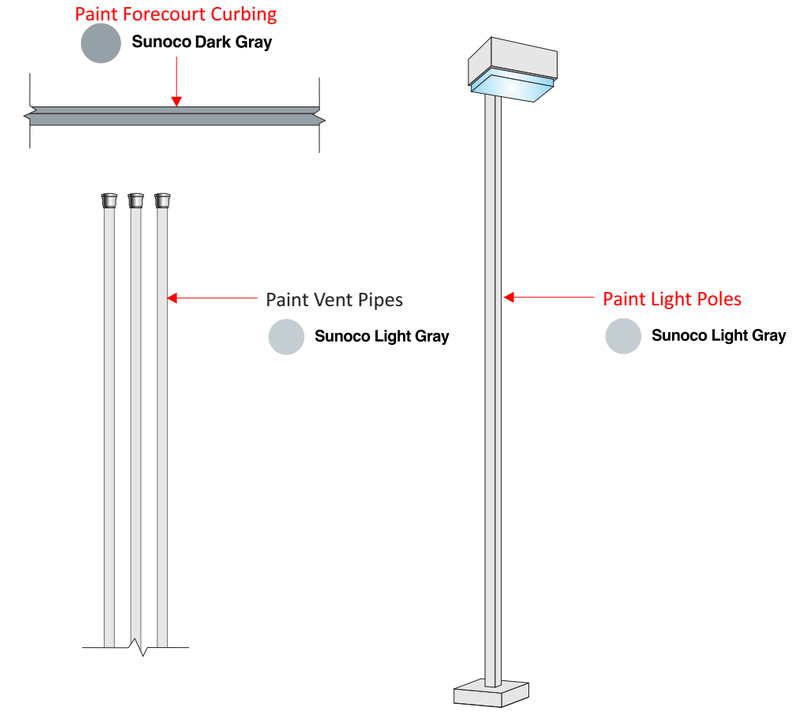
Gas Canopy #2

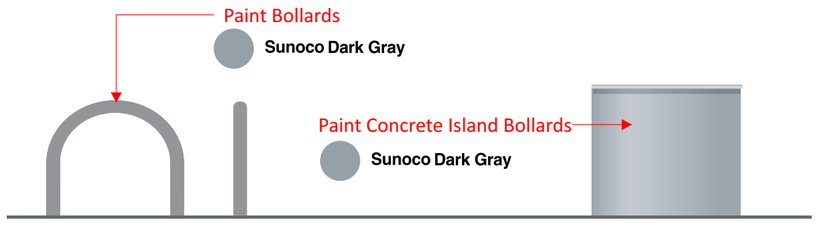


Forecourt Imaging

Forecourt Scope of Work:

Vent Pipes to be painted Sunoco Light Gray
Forecourt Bollards to be painted Sunoco Dark Gray
Light poles to be painted Sunoco Light Gray
Painted curbing to be re-painted Sunoco Dark Gray





Note: If bollards are stainless steel they are to remain unpainted

TOTAL IMAGING
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Customer Approval: _____

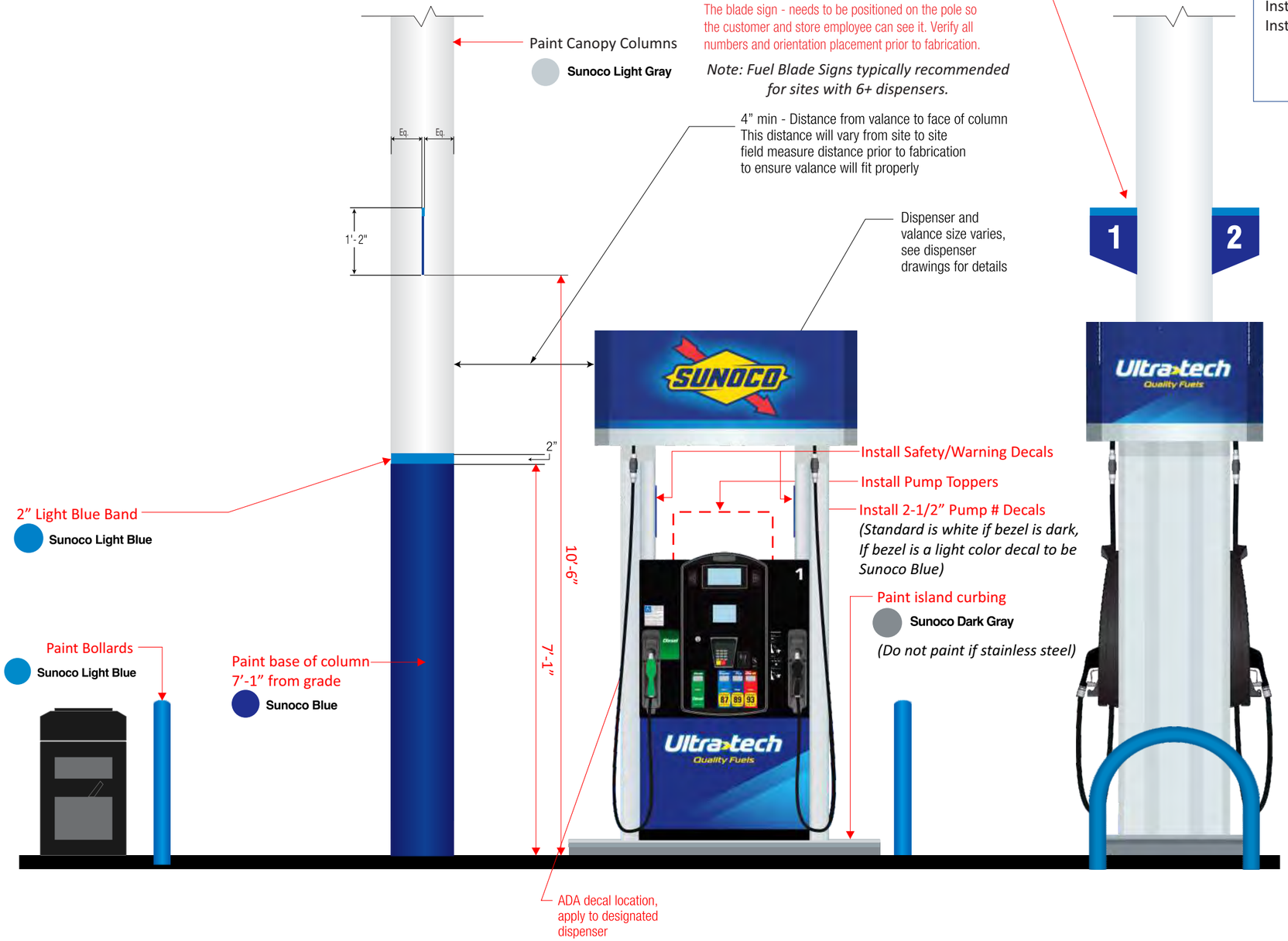
This original drawing is property of T.I. and is not to be exhibited, copied, or reproduced without permission.

<---------- Please initial here

Under Canopy Imaging

Under Gas Canopies Scope of Work:

Canopy columns to be painted Sunoco Light Gray - w/ bottom 7'-1" from grade painted Sunoco Blue with 2" Light Blue Band.
Fuel Islands to be painted Sunoco Dark Gray.
Bollards to be painted Sunoco Light Blue.
Install Qty: 4 black trashcans.
Install Qty: 4 Pump Toppers.



TOTAL IMAGING

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Under Canopy Imaging



Existing Under Gas Canopies:

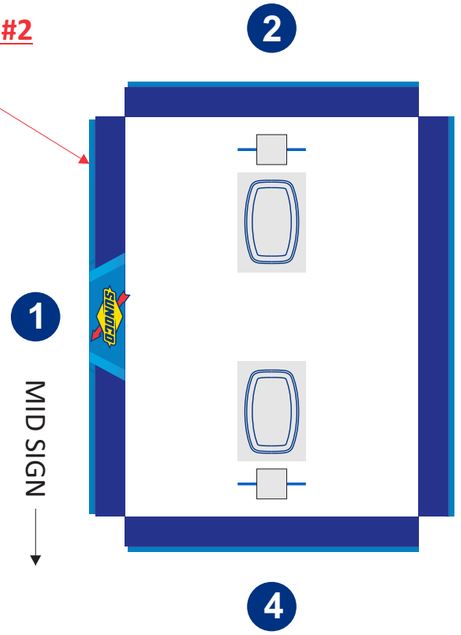
Gas Canopy #1



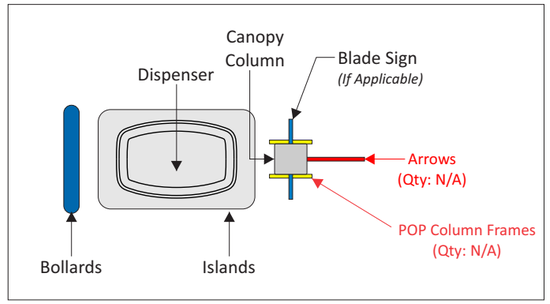
Gas Canopy #2



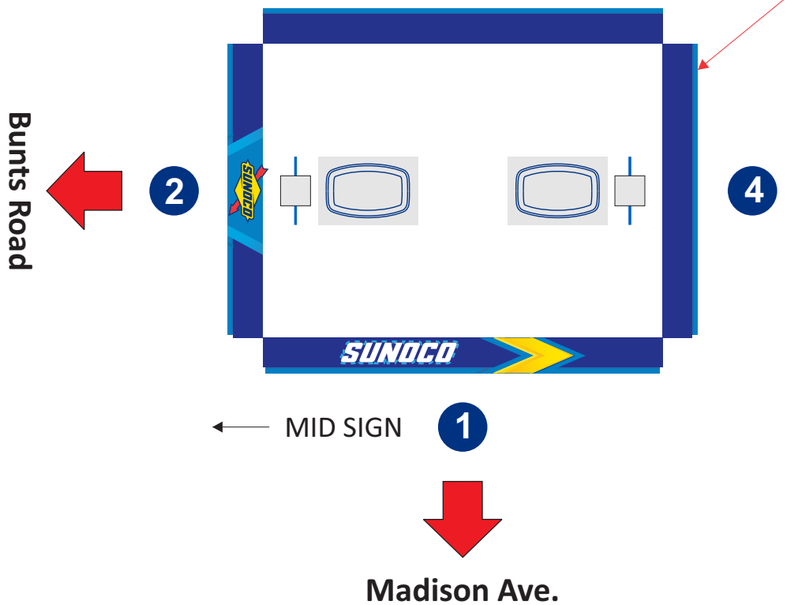
Gas Canopy #2



SITE KEY



C-Store



TOTAL IMAGING IMAGING THE PETROLEUM INDUSTRY FOR OVER 30 YEARS	**Revisions:** Rev. 0 - Original Drawing 09/14/2022 Rev. 1 - Moved diamond to left elevation. 01/30/2023	**Address:** 14005 Madison Ave. Lakewood, OH 44107 **Customer:** BAZO CONSTRUCTION **Drawn by:** EG	**Job Number:** SUN-29084-SR **Date:** 09/14/2022 **Customer Approval:** _____	*This original drawing is property of T.I. and is not to be exhibited, copied, or reproduced without permission.* *<---------- Please initial here*

Dispenser Imaging

Existing Dispensers Under Gas Canopies:

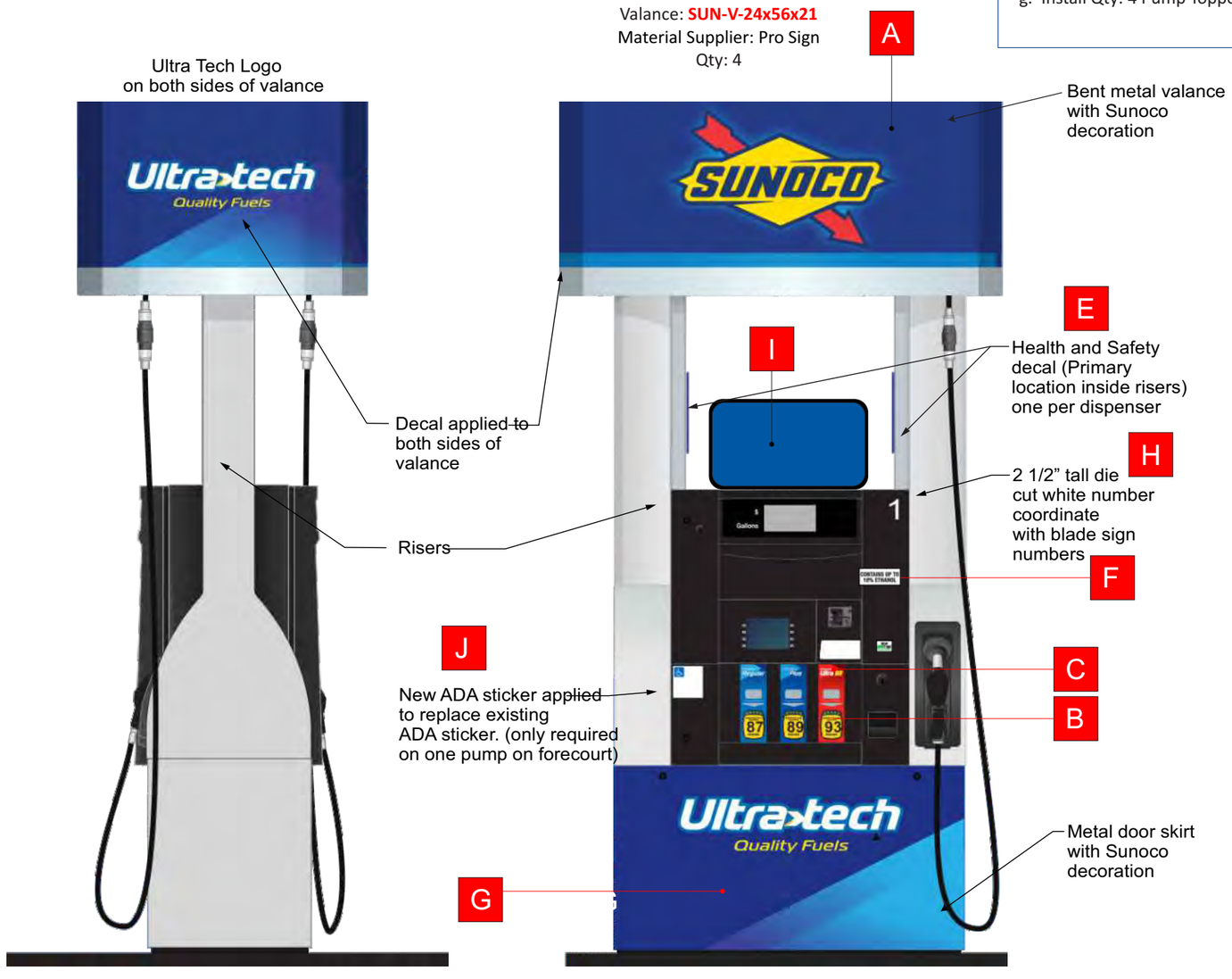


Wayne Ovation 2 (3+0)
Qty = 4

Gas Dispenser Scope of Work:

Existing Wayne Ovation 2 (Qty: 4 3+0) dispensers to be re-imaged to Sunoco Centennial image specs with materials supplied by LSI / ProSign to include:

a. SUNOCO Valances provided by ProSign to be fitted on all dispensers (Qty: 4)
b. Install new Metal Door Skins (Qty: 4 set)
c. Install LSI provided PID/Octane/Crind Overlay decals (Qty: 4 set)
d. Install 2-1/2" Pump # Decal to dispenser crind/bezel.
e. Health & Safety decals (2 per dispenser) installed on inside risers
f. Install all required regulatory decals as needed (ethanol, low sulfur, ADA etc.)
g. Install Qty: 4 Pump Topper Frames



Required Dispenser Items:

A	Valance
B	Octane Decals
C	Fuel Grade Decals (PIDs)
D	ULSD Decal *(If applicable)*
E	Health/Safety/Warning Decals
F	Ethanol Decals
G	Door Skirt
H	2-1/2" Pump # Decals
I	Pump Topper
J	ADA Decal
K	Diesel Surround Overlay *(If applicable)*

TOTAL IMAGING
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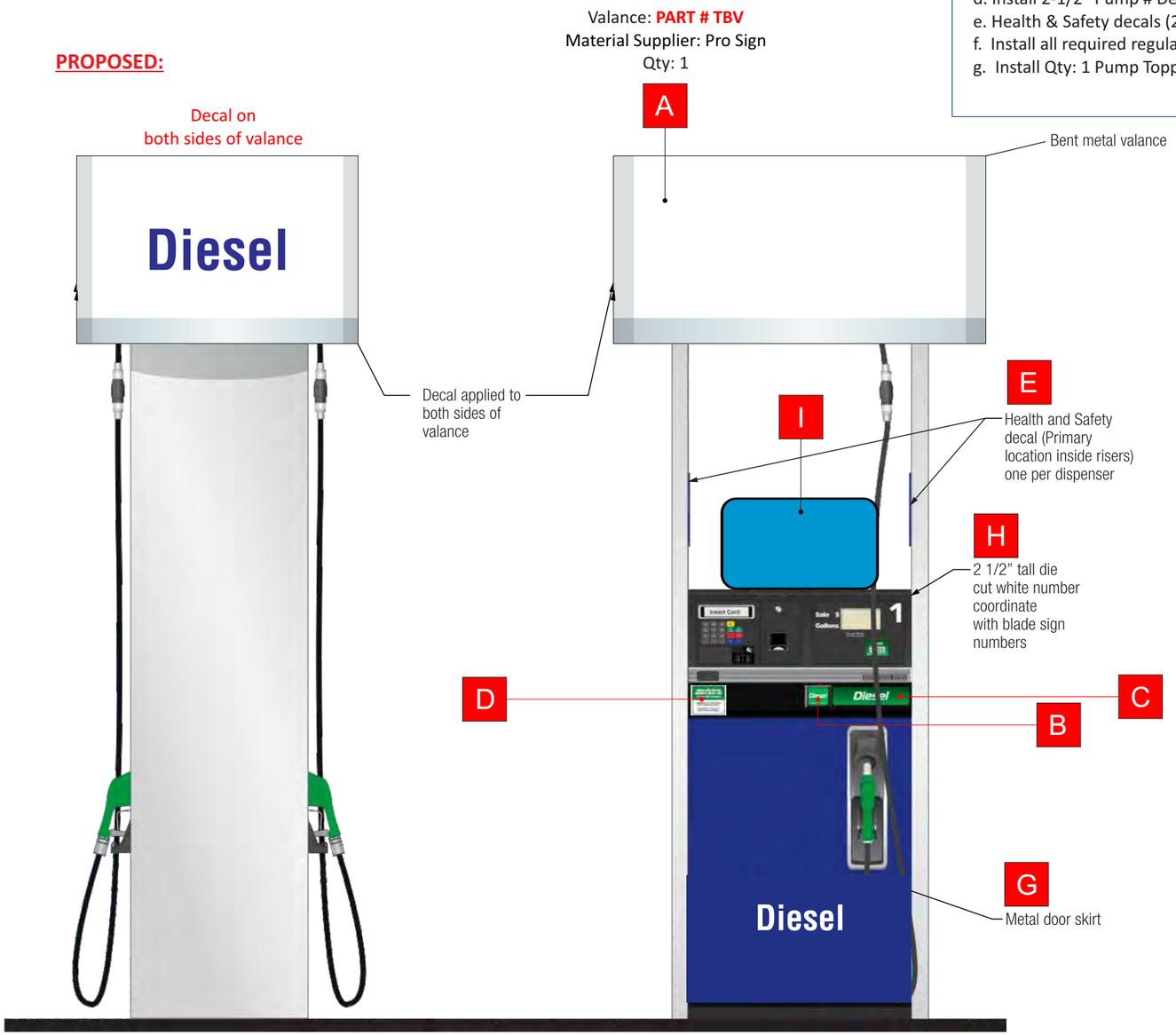
Dispenser Imaging

Existing Dispensers NOT Under Gas Canopies:



Wayne Vista (DSL)
Qty = 1

PROPOSED:



Gas Dispenser Scope of Work:

Existing Wayne Vista (Qty: 1 DSL) dispensers to be re-imaged to Sunoco Centennial image specs with materials supplied by LSI / ProSign to include:

a. SUNOCO Valances provided by ProSign to be fitted on all dispensers (Qty: 1)
b. Install new Metal Door Skins (Qty: 1 set)
c. Install LSI provided PID/Octane/Crind Overlay decals (Qty: 1 set)
d. Install 2-1/2" Pump # Decal to dispenser crind/bezel.
e. Health & Safety decals (2 per dispenser) installed on inside risers
f. Install all required regulatory decals as needed (ethanol, low sulfur, ADA etc.)
g. Install Qty: 1 Pump Topper Frames

Required Dispenser Items:

A	Valance
B	Octane Decals
C	Fuel Grade Decals (PIDs)
D	ULSD Decal *(If applicable)*
E	Health/Safety/Warning Decals
F	Ethanol Decals
G	Door Skirt
H	2-1/2" Pump # Decals
I	Pump Topper
J	ADA Decal
K	Diesel Surround Overlay *(If applicable)*

TOTAL IMAGING

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Lakewood, OH 44107

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Job Number: SUN-29084-SR

Date: 09/14/2022

Customer Approval: _____

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Vacuum Canopy

Scope of Work:
New Sunoco Blue ACM to be installed.
Column to be painted Sunoco Light Gray.

Image Work TBV

Existing



Proposed





TOTAL IMAGING
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C-Store Imaging

Scope of Work:

No C-Store Image Work

Existing C-Store





TOTAL IMAGING

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Date: 09/14/2022

Customer Approval: _____

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Color Specifications

Sunoco Bright Blue

Material / Color Match
Pantone Process Blue C Match

Color Usage on Site
Dispenser Valance and Skirt gradations, MID Gradation accent

Sunoco Light Blue

Material / Color Match
Pantone 2935 C Match
3M Film - Intense Blue

Color Usage on Site
Canopy Fascia, Canopy Arrow Accents, Bollards, Blade Sign Accent, POP Accent, Architectural Forecourt Arrow Vertical Accent,Express Store fascia, Car Wash

Paint Spec

Sherwin Williams
Intense Blue - Satin Finish

Color Usage on Site
Bollards


SHERWIN-WILLIAMS 703481 10/02/20
262-652-3931 Order# 0033205
INTERIOR ARCHITECTURAL
COLOR TO GO LATEX
SATIN FM 8000DE
INTENSE BLUE
CUSTOM SHER-COLOR MATCH
CCE×COLORANT OZ 32 64 128
B1-Black - - - 1
W1-White - 12 1 -
L1-Blue 2 19 - 1
QUART ULTRADEEP
A91T00454 650955966
3M IMAGE GRAPHICS
Non Returnable Tinted Color
CAUTION: To assure consistent color, always order enough paint to complete the job and intermix all containers of the same color before application. Mixed colors may vary slightly from color strip or color chip.
0033205-002

Sunoco Medium Blue

Material / Color Match
Pantone 2935C Match

Color Usage on Site
Sign on Express Store

Sunoco Blue

Material / Color Match
Pantone 288 C Match
3M Film - Sapphire Blue
ACM - Reynobond Duragloss 3000 Sapphire Blue

Color Usage on Site
Canopy Fascia, Dispenser, Canopy Column, Blade Signs, POP Frame, Architectural Forecourt Arrow, MID Panels, Undercanopy Kiosk Fascia, Express Store fascia, Car Wash

Paint Spec

Sherwin Williams
Sapphire Blue - Satin Finish

Color Usage on Site
Canopy Column, Retro Fit MID Structural Columns, Undercanopy Kiosk Fascia


SHERWIN-WILLIAMS 703481 10/02/20
262-652-3931 Order# 0033205
INTERIOR ARCHITECTURAL
COLOR TO GO LATEX
SATIN FM 8000DE
SAPPHIRE BLUE
CUSTOM SHER-COLOR MATCH
CCE×COLORANT OZ 32 64 128
W1-White - 5 - -
L1-Blue - 55 1 1
R3-Magenta - 19 - 1
QUART ULTRADEEP
A91T00454 650955966
3M IMAGE GRAPHICS
Non Returnable Tinted Color
CAUTION: To assure consistent color, always order enough paint to complete the job and intermix all containers of the same color before application. Mixed colors may vary slightly from color strip or color chip.
0033205-001

Sunoco Light Gray

Material / Color Match
SW 6253 Olympus White

Color Usage on Site
Canopy Columns, Vent Stacks, Site Lighting Poles, Undercanopy Kiosk Walls, Mullions for Kiosk if not approved approved colors, Express Store walls, Car Wash Walls

Paint Spec

Sherwin Williams
6253 Olympus White - Satin Finish

Color Usage on Site
Canopy Columns, Vent Stacks, Site Lighting Poles, Undercanopy Kiosk Walls, Mullions for Kiosk if not approved approved colors


SHERWIN-WILLIAMS 703481 10/02/20
262-652-3931 Order# 0033205
INTERIOR ARCHITECTURAL
COLOR TO GO LATEX
SATIN FM 8000DE
6253 OLYMPUS WHITE
SHER-COLOR FORMULA
CCE×COLORANT OZ 32 64 128
B1-Black - 1 1 1
QUART EXTRA WHITE
A91W00451 650955941
SUNOCO LT GREY
Non Returnable Tinted Color
CAUTION: To assure consistent color, always order enough paint to complete the job and intermix all containers of the same color before application. Mixed colors may vary slightly from color strip or color chip.
0033205-003

Sunoco Silver

Material / Color Match
Pantone 877 C Match

Color Usage on Site
Valance Band, Unbranded diesel canopy fascia band

Paint Spec

TBD
Powder Coated Metal

Color Usage on Site
Valance Band

Sunoco Medium Gray

Material / Color Match
Pantone Cool Gray 6 C Match

Color Usage on Site
Unbranded Canopy Fascia
Wainscot on Car Wash

Paint Spec

Sherwin Williams
6255 Morning Fog

Color Usage on Site
Unbranded Canopy Fascia


SHERWIN-WILLIAMS 703481 10/02/20
262-652-3931 Order# 0033205
INTERIOR ARCHITECTURAL
COLOR TO GO LATEX
SATIN FM 8000DE
6255 MORNING FOG
SHER-COLOR FORMULA
CCE×COLORANT OZ 32 64 128
B1-Black - 13 - -
Y3-Deep Gold - - 1 -
QUART EXTRA WHITE
A91W00451 650955941
SUNOCO MORNING FOG
Non Returnable Tinted Color
CAUTION: To assure consistent color, always order enough paint to complete the job and intermix all containers of the same color before application. Mixed colors may vary slightly from color strip or color chip.
0033205-005

Sunoco Dark Gray

Color Usage on Site
Canopy Island Curbs

Paint Spec

Sherwin Williams
6256 Serious Gray - Satin Finish

Color Usage on Site
Canopy Island Curbs


SHERWIN-WILLIAMS 703481 10/02/20
262-652-3931 Order# 0033205
INTERIOR ARCHITECTURAL
COLOR TO GO LATEX
SATIN FM 8000DE
6256 SERIOUS GRAY
SHER-COLOR FORMULA
CCE×COLORANT OZ 32 64 128
W1-White - 11 - 1
B1-Black - 20 1 1
QUART DEEP
A91W00453 650955958
SUNOCO DK GREY
Non Returnable Tinted Color
CAUTION: To assure consistent color, always order enough paint to complete the job and intermix all containers of the same color before application. Mixed colors may vary slightly from color strip or color chip.
0033205-004

Color Specifications

Sunoco Yellow

Material / Color Match
Pantone 109 C Match
3M Films - Opaque - Bright Yellow - Translucent - Yellow

Color Usage on Site
MID Sunoco Logo, Ultratech Logo, graphic Arrow on Canopy

Paint Spec
Sherwin Williams
Yellow 109 Custom - Satin Finish

Color Usage on Site



Sunoco Warm Yellow

Material / Color Match
Pantone 116 C Match

Color Usage on Site
Illuminated Formed Arrow on Canopy, Accent Vertical Band on Architectural Arrow



Paint Spec
Sherwin Williams
Yellow 109 Custom - Satin Finish

Color Usage on Site



Sunoco Dark Yellow

Material / Color Match
Pantone 7408 C Match

Color Usage on Site
Digital Gradations on Arrow for Canopy to Create Dimension, Ultra Tech Arrow Gradations to Create Dimension

Sunoco White

Material / Color Match
White ACM / White Vinyl

Color Usage on Site
Express Store fascia, Unbranded diesel valance, Unbranded diesel canopy fascia



Paint Spec
TBD
Powder Coated Metal

Color Usage on Site
Express Store fascia, Unbranded diesel valance, Unbranded diesel canopy fascia

Sunoco Red

Material / Color Match
Pantone 485 C Match
3M Films - Opaque - Tomato Red - Translucent - Red

Color Usage on Site
Sunoco Logo

Sunoco Green

Material / Color Match
Pantone 355 C Match
3M Films - Opaque -Bright Green - Translucent - Vivid Green

Color Usage on Site
Diesel Dispensers, Diesel Grade Labels

Material Part Summary

Contact
sunoco@prosign.net

Illuminated: DIAMOND — Decals:

Illuminated:	Decals:
☐ Part # SUN-36-DIA-LED	☐ Part # SUN-36-DIA-VNL
☐ Part # SUN-42-DIA-LED (Qty: 2)	☐ Part # SUN-42-DIA-VNL
☐ Part # SUN-48-DIA-LED	☐ Part # SUN-48-DIA-VNL
☐ Part # SUN-54-DIA-LED	

Illuminated: WORDMARKS — Decals:

Illuminated:	Decals:
☐ Part # SUN-25-WM-LED (Qty: 1)	☐ Part # SUN-25-WM-VNL
☐ Part # SUN-32-WM-LED	☐ Part # SUN-32-WM-VNL

Non-Illuminated:
- ☐ Part # SUN-25-WM-NI
- ☐ Part # SUN-32-WM-NI

Unbranded:

☐ Part # SUN-25-WMUDSL	☐ Part # SUN-25-WMUDVNL
☐ Part # SUN-32-WMUDSL	☐ Part # SUN-32-WMUDVNL

DISPENSER VALANCES



GAS:	DIESEL:
☐ Part # SUN-V-24x43x21	☐ Part # SUN-V-24x43x21D
☐ Part # SUN-V-24x56x21 (Qty: 4)	☐ Part # SUN-V-24x56x21D
☐ Part # SUN-V-24x56x27	☐ Part # SUN-V-24x56x27D
☐ Part # SUN-V-24x58x25	☐ Part # SUN-V-24x58x25D
☐ Part # SUN-V-24x68x30	☐ Part # SUN-V-24x68x30D
☐ Part # SUN-V-24x56x36	☐ Part # SUN-V-24x56x36D
☐ Part # SUN-V-16x50x34	
☐ Part # SUN-V-16x56x36	

Verify Make/Model Of Dispensers Before Ordering!

Illuminated: CANOPY ARROWS — Decals:

Illuminated:	Decals:
☐ Part # SUN-36-ARW-LED (Qty: 1)	☐ Part # SUN-36-ARW-VNL
☐ Part # SUN-42-ARW-LED	☐ Part # SUN-42-ARW-VNL
☐ Part # SUN-48-ARW-LED	☐ Part # SUN-48-ARW-VNL

Non-Illuminated:
- ☐ Part # SUN-36-ARW-NI
- ☐ Part # SUN-42-ARW-NI
- ☐ Part # SUN-48-ARW-NI

VINYL BACKER FOR ARROW (IF FLAT FASCIA)

☐ Part # SUN-36-ABVNL	☐ Part # SUN-36-ARW-VNL
☐ Part # SUN-42-ABVNL	☐ Part # SUN-42-ARW-VNL
☐ Part # SUN-48-ABVNL	☐ Part # SUN-48-ARW-VNL

Qty: 2 per Arrow Sign

SOLID COLORED VINYL

- ☐ Part # SUN-SV37-BLUE
- ☐ Part # SUN-SV48-BLUE
- ☐ Part # SUN-SV6-INTBLU
- ☐ Part # SUN-SV8-INTBLU

FEDERAL HEATH VISUAL COMMUNICATIONS

Diane Day
DDay@FederalHeath.com

POP POSTER FRAMES / ARROWS



☐ Part # SUN0012
POP Poster Frame

Note: POP frames come in a set of 2 from Fed Heath.



☐ Part # SUN0013
Small Fuel Island Arrow

CANOPY COLUMN WRAPS



☐ Part # SUN0015 (Qty: 4)
2" Intense Blue Vinyl Decal

Note: Need Qty: 1 per canopy column

CLEARANCE SIGNS / BLADE SIGNS (OPTIONAL)



IF CHOSEN:
☐ Part # SUN001 Qty: 4



IF CHOSEN:
- ☐ Part # SUN004 (Qty: 8)
- ☐ Part # SUN-0006 *Blade Sign 1-12 Number Set*
- ☐ Part # SUN-007 *Blade Sign 12-24 Number Set*

DISPENSER DECALS

- ☐ Health & Safety Decal (Large) - 2 per dispenser required - (Qty: 2)
- ☐ Health & Safety Decal (Small) - (Qty: 8)
- ☐ Dispenser ADA Decal - (Qty: 2)
- ☐ 10% Ethanol Decals - (Qty: 8)

Note: *These Decals are supplied by LSI and should be included in your custom quote.*

REQUIRED TRASH CAN

COMMERCIAL ZONE PRODUCTS

cpservice@commercialzone.com



☐ Part # 73720199 (Qty: 5)
30 Gal Black Waste/Windshield Hex Service Center w/ Anchor Kit & One Squeegee

Note: 1 per dispenser required

For other optional items refer to the DCI Tab on the Sunoco Distributor Centennial Order Form

PUMP TOPPER FRAMES

M&M VISUAL POP SOLUTIONS

Fran@mmdisplays.com
Bobdigiorgio@mmdisplays.com



☐ Part # 911
(12" x 20" Side Mounted)
☐ Part # 910 (Qty: 5)
(12" x 20")

Note: Everbrite, LSI & Fed Heath all require CUSTOM Site Specific Quotes. Please contact them directly for your site specific material quote(s)

Everbrite
Nisrin Darwich
NDarwich@Everbrite.com
Trevor Koehn
TKoehn@Everbrite.com

Kim White
Kim.White@lsi-industries.com

FEDERAL HEATH VISUAL COMMUNICATIONS
Blair Boyd
bboyd@federalheath.com

SUNOCO ☐ Contractor Checklist

THIS SECTION TBD

BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD

12650 Detroit Avenue ● (216) 529-6630 ● FAX (216) 529-5907 ● www.lakewoodoh.gov

Application Cover Page

Docket No.: 04-41-23

Permit No.: BBS23-000027

Applicant Name: Shawn Warren, The Erie Design Co., Inc.

Project Address: 11823 Detroit Ave.

Project Name: Despina's Bakery

Project: Applicant proposes replacement signage for an existing business.

Scroll bracket is 14” x 43”
sign 36” x 36”



SIGN $475
INST. $175

1/4” max metal color print with laminate 2 sides 9’x2= 18 sq. ft.

*Grey color is clear tinted window



GRAPHIC $75
INST. $75
PERMITS $150

1 vinyl graphic for window 28” x 30” 6.25 sq. ft.



ERIE deSign
Signs, Banners & Graphics
216-227-0043
www.eriedesign.com

CLIENT:	JOB #:	DATE:
ADDRESS:	SALESPERSON/ DESIGNER:	DATE:

REVISION HISTORY:

DATE:	CHANGES MADE:

CLIENT SIGNATURE OF APPROVAL DATE:

16504 Detroit Avenue Lakewood, Ohio 44107 216-227-0043

Scroll bracket is 14” x 43”
sign 36” x 36”

SIGN $475
INST. $175



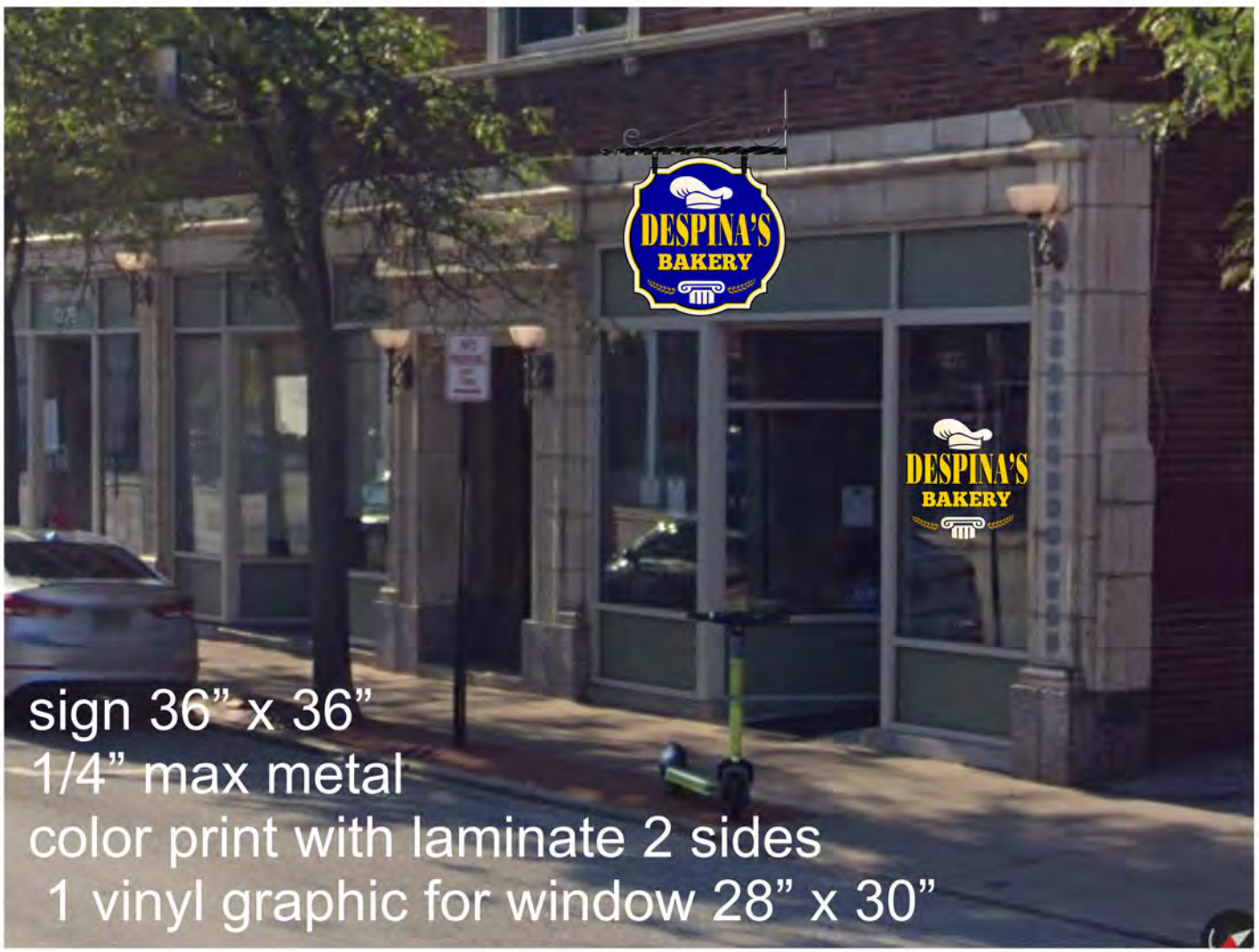
1/4” max metal color print with laminate 2 sides 9’x2= 18 sq. ft.

*Grey color is clear tinted window



GRAPHIC $75
INST. $75
PERMITS $175

1 vinyl graphic for window 28” x 30” 6.25 sq. ft.



ERIE deSign
Signs, Banners & Graphics
216-227-0043
www.eriedesign.com

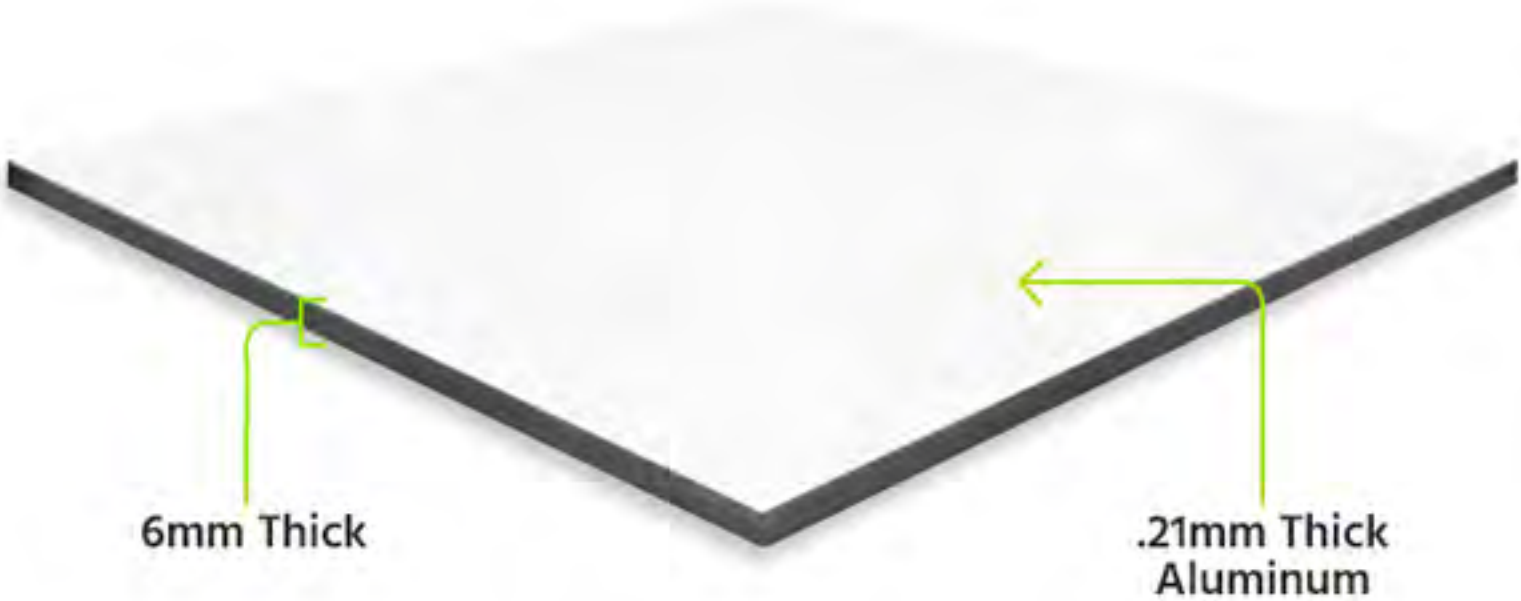
CLIENT:	JOB #:	DATE:
ADDRESS:	SALESPERSON/ DESIGNER:	DATE:

REVISION HISTORY:

DATE:	CHANGES MADE:

CLIENT SIGNATURE OF APPROVAL DATE:

16504 Detroit Avenue Lakewood, Ohio 44107 216-227-0043


6mm Thick
.21mm Thick
Aluminum

Case #:

City of Lakewood Division of Housing and Building

12650 DETROIT AVENUE • LAKEWOOD, OH 44107 • (216) 529-6270 • Fax: (216) 529-5930
Building.permits@lakewoodoh.net

Building Permit Application

PROJECT ADDRESS: 11823 DETROIT AVE. Suite/Unit #

or **PERMANENT PARCEL NUMBER:**

PROPERTY CLASSIFICATION: ☐ 1, 2 or 3 Family OR ☑ Commercial (*includes multifamily and condominiums*)

USE DESCRIPTION: *(1-Family, Retail, Restaurant, etc.)* ☐ Change of Use?

PERMIT TYPE: ☑ Building ☐ *Plumbing ☐ *Mechanical ☐ *Electrical ***(complete reverse side)***

RELATED CASES: ☐ Correction Notice ☐ Plan Review ☐ A.B.R. Approval Case Number:

SCOPE OF PERMIT *(Check all that apply)*:

☐ New Primary Structure ☐ Addition ☐ Alteration ☐ Repair ☐ Equip. Replacement ☐ Commercial Sign
☐ Tent or Temporary ☐ Rear Deck ☐ Shed ☐ Pool ☐ Water Controlling ☐ Waterproofing
☐ Commercial Hood ☐ Fire Suppression ☐ Fire Alarm ☐ HVAC ☐ Refrigeration
☐ Demolition ☐ Paving ☐ Storm Sewer ☑ Other *(Please specify)*: New sign and window text

VALUATION:** ***(cost of the work) $ **PROJECT SIZE:** *(in square feet)*

BRIEF DESCRIPTION OF WORK: (Include scope, dimension, location) _____ **DRAIN** _____ **NO DRAIN**

A 28" x 30" window graphic in cut vinyl 6.5 sq.ft
A 3' X3' SCROLL SIGN WITH BRACKET MOUNTED TO BRICK WITH LAGS AND SHIELDS
2 SIDED 18 sq. ft.

PROPERTY OWNER NAME: Phone:
Business Name (if applicable) Despina's Email: despinasbakery@gmail.com
Mailing Address: 11823 DETROIT AVE. City: Lakewood State: Oh Zip: 44107

CONTRACTOR NAME: Erie deSign Phone: 216-227-0043
License/Reg. No.: on file Email: orders@eriedesign.com
Mailing Address: 16504 Detroit Ave. City: Lakewood State: Oh Zip: 44107

ARCHITECT/ENGINEER: Phone:
Mailing Address: City: State: Zip:

I hereby certify all information contained in this application is true, accurate and complete to the best of my knowledge. Furthermore, I am the property owner of record; or an authorized representative of the contractor registered with the city of Lakewood listed above and authorized by the property owner to perform the work described. I am primarily responsible for the work described and agree to abide by the applicable provisions of law and building codes adopted by the state of Ohio and the City of Lakewood. All subcontractors working under my direction shall be registered with the City of Lakewood. Perpetuation of fraud or misrepresentation including contractors or property owners obtaining permits on behalf of an unregistered contractor is a violation of LCO §1306.69 and punishable by fines, jail time and revocation of contractor registration.

_____ 3-22-23 **Anticipated Completion Date:** _____
SIGNATURE OF CONTRACTOR / OWNER **DATE**