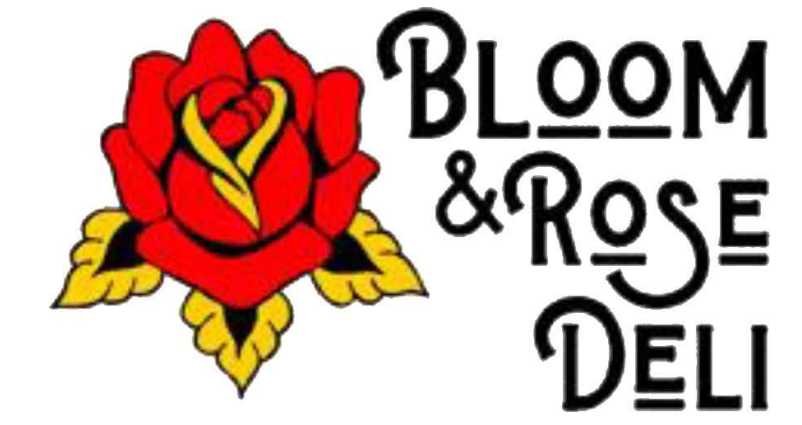




Bloom & Rose Deli

Building Shell Renovations



S.A. PROJECT # 25049.01
DATE: 01-15-2026

5365 Main Street, Williamsville, NY 14221

INTERIORS:

ARCHITECT:

SILVESTRI ARCHITECTS, P.C.

1321 MILLERSPORT HIGHWAY, SUITE 101 AMHERST, NY 14221

SHEET INDEX

TITLE SHEET

ARCHITECTURAL:

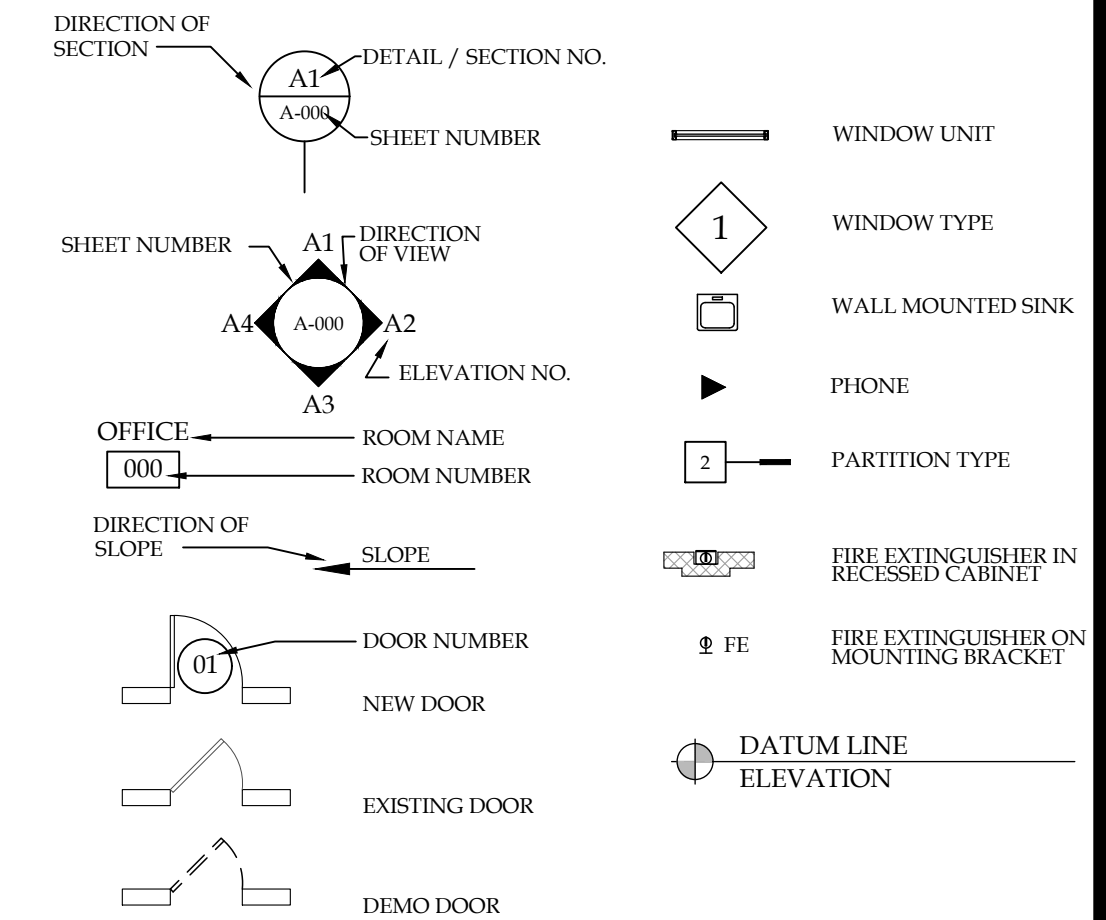
| | |
|--------|--|
| AD-101 | BUILDING SHELL DEMOLITION PLAN & NOTES |
| AD-201 | EXTERIOR DEMOLITION ELEVATIONS |
| AD-202 | EXTERIOR DEMOLITION ELEVATIONS |
| A-101 | BUILDING SHELL PLAN & NOTES |
| A-102 | BUILDING ROOF PLAN & NOTES |
| A-201 | EXTERIOR ELEVATIONS |
| A-202 | EXTERIOR ELEVATIONS |

| | |
|-------|---------------------------|
| A-601 | DOORS, WINDOWS, & DETAILS |
|-------|---------------------------|

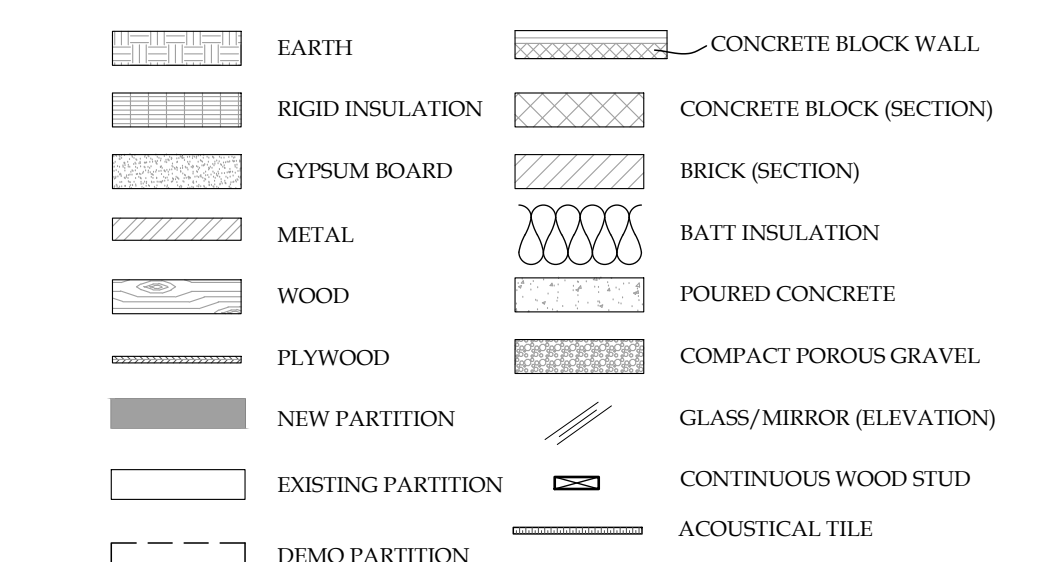
ABBREVIATIONS

| | | | |
|----------|-------------------------------------|----------|---|
| A.F.F. | ABOVE FINISH FLOOR | N.I.C. | NOT IN CONTRACT |
| ACT. | ACOUSTICAL TILE | N.T.S. | NOT TO SCALE |
| A.C. | AIR CONDITION | NOM. | NOMINAL |
| ALT. | ALTERATION | | |
| ALUM. | ALUMINUM | O.C. | ON CENTER |
| APPROX. | APPROXIMATE | OPPG | OPPOSITE |
| ARCH. | ARCHITECTURAL | OPPH | OPPOSITE HAND |
| AUTO | AUTOMATIC | OH | OVERHEAD |
| BM | BEAM | PMBC | PREENGINEERED METAL BUILDING CONTRACTOR |
| BRG | BEARING | PNT | PANEL |
| B.M. | BENCH MARK | PNT (ED) | PANEL (ED) |
| BLK | BLOCK | PNT | PAPER TOWEL DISPENSER |
| BLKG | BLOCKING | P.T.D. | PAPER TOWEL DISPENSER |
| BD | BOARD | P.T.R. | PAPER TOWEL RECEPTOR |
| BD | BOARDS | P.V.M.T. | PAVEMENT |
| BRK | BRICK | P.C. BD | PAGE BOARD |
| B.R.K. | BRICK EXPANSION JOINT | PLAS | PLASTER |
| B.C. | BRICK COURSE | PL | PLASTIC LAMINATE |
| BLDG | BUILDING | PL | PLASTER |
| BUR | BUILT-UP ROOFING | PL | POLISHED |
| | | PWD | PLYWOOD |
| CLG | CEILING | PT | POINT |
| CAB | CABINET | PSI | POUNDS PER SQ. INCH |
| CPT | CARPET | PSF | POUNDS PER SQ. FOOT |
| C.W. | CASWORK | PRE-FAB. | PREFABRICATED |
| C.B. | CATCH BASIN | PRE-FIN. | PREFINISHED |
| CEM | CEMENT | PROJ. | PROJECTION |
| CT | CERAMIC TILE | PL | PROPERTY LINE |
| CHBD | CHALK BOARD | QT | QUARRY TILE |
| CLR | CLEAR | | |
| COLUMN | COLUMN | RAD | RADIUS |
| CONC. | CONCRETE | R.W.L. | RAIN WATER LEADER |
| CMU | CONCRETE MASONRY UNIT | REC | RECEPTACLE ELECTRIC |
| CONT. | CONTINUOUS | REC | RECESS |
| CONTR | CONTRACTOR | REFR | REFRIGERATOR |
| CONTR | CONTRACTOR | REC | RECEPTOR |
| CT | CONTROL JOINT | RENF. | REINFORCE (D) (ING) |
| C.G. | CORNER GUARD | REIN. | REINFORCED |
| COURSE | COURSE | RIS | REFLECTED CEILING PLAN |
| | | RET | RETURN |
| DET. | DETAIL | RA | RETURN AIR |
| DIA. | DIAMETER | RVS | REVERSE |
| DIML | DIMENSION | RHS | REVISION |
| DISP. | DISPENSER | RH | RIGHT HAND |
| DN | DOWN | ROW | RIGHT OF WAY |
| DS | DOWNSPOUT | R | ROOF DRAIN |
| DWG | DRAWING | R.D. | ROOF DRAIN |
| D.F. | DRINKING FOUNTAIN | RFG | ROOFING |
| DIFF. | DIFFUSER | RM | ROOM |
| | | RND | ROUND |
| EA | EACH | SDL | SADDLE |
| EHS | EXTERIOR INSULATION & FINISH SYSTEM | SG | SQUARE |
| ELEC | ELECTRICAL | SH | SEATING |
| EPNL | ELECTRIC PANEL | SHHH | SHEATHING |
| ELEV. | ELEVATOR | SHT | SHOWER |
| EQ | EQUAL | SIM | SIMILAR |
| EX. F. | EXISTING FAN | SPKR | SPEAKER |
| EXIST. | EXISTING | SPEC | SPECIFICATIONS |
| EXP. JT. | EXPANSION JOINT | ST | STAINLESS STEEL |
| | | STN | STANDARD |
| | | STD | STANDARD |
| | | SD | STORM DRAIN |
| | | S.G.T. | STRUCTURAL GLAZED TILE |
| | | STRUC. | STRUCTURAL |
| | | SUSP. | SUSPENDED |
| | | SW | SWITCH |
| | | SWBD | SWITCH BOARD |
| | | SV | SHEET VINYL |
| | | T.B. | TACKBOARD |
| | | TEL | TELEPHONE |
| | | TEMP | TEMPERATURE |
| | | TEX | TEXTURE |
| | | THR | THICK (NESS) |
| | | THR | THRESHOLD |
| | | TP | TOILET PAPER HOLDER |
| | | T/O | TOP OF |
| | | TB | TOWEL BAR |
| | | TYP | TYPICAL |
| | | U.C.L. | UNDER CABINET LIGHT |
| | | UR | URINAL |
| | | V.T.R. | VENT THRU ROOF |
| | | VENT | VENTILATOR |
| | | VERT | VERTICAL |
| | | VISIT | VISITILE |
| | | V.C.T. | VINYL COMPOSITE TILE |
| | | V.F. | VERIFY IN FIELD |
| | | W.C.D.F. | VINYL WALL COVERING |
| | | W.C.T. | WAINSCOT |
| | | WS | WEATHER STRIP |
| | | WT | WEIGHT |
| | | WVF | WELDED WIRE FABRIC |
| | | W/W | WHEELCHAIR DRINKING FOUNTAIN |
| | | W/O | WITHOUT |
| | | WD | WOOD |

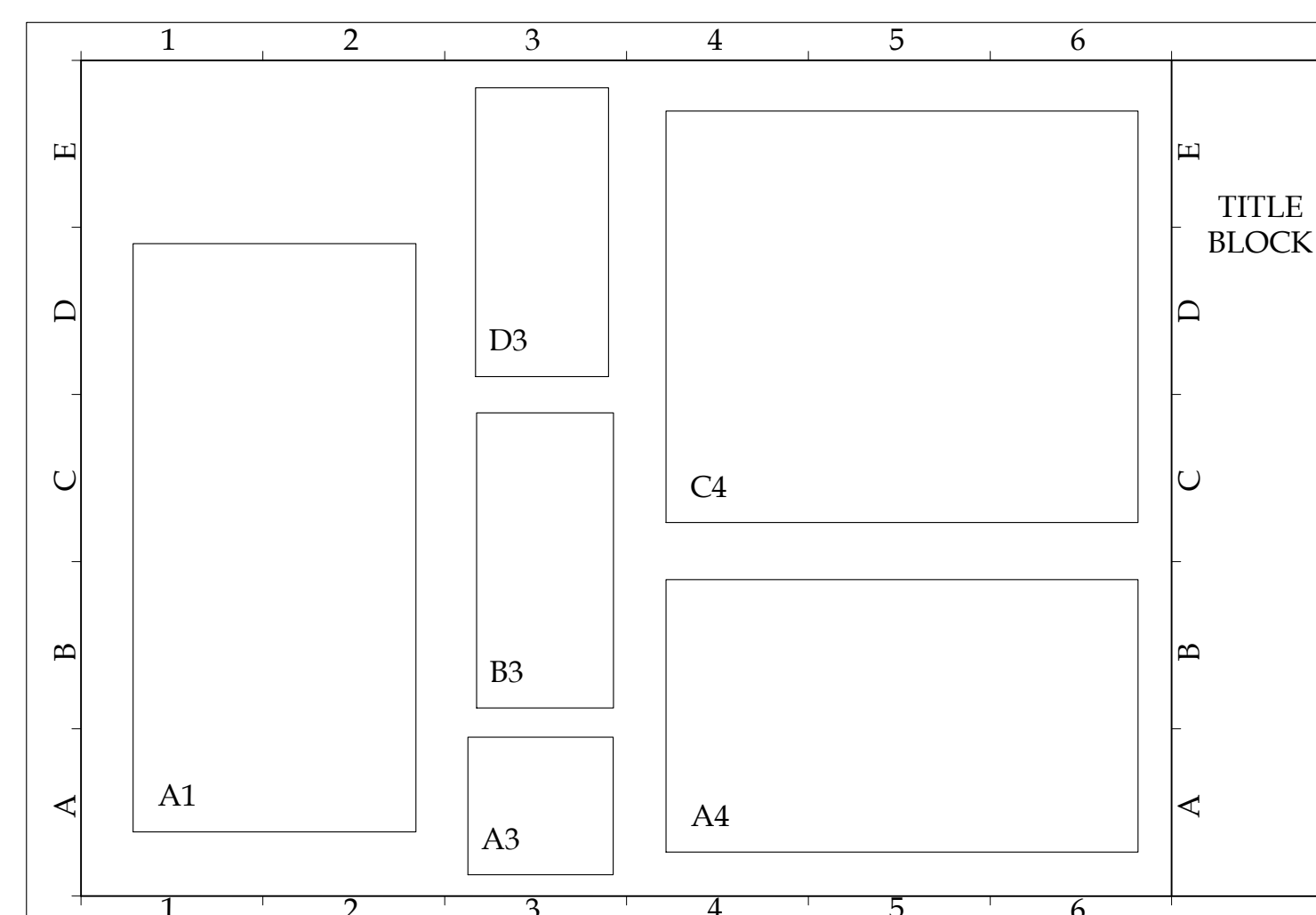
DRAFTING SYMBOLS



MATERIAL SYMBOLS

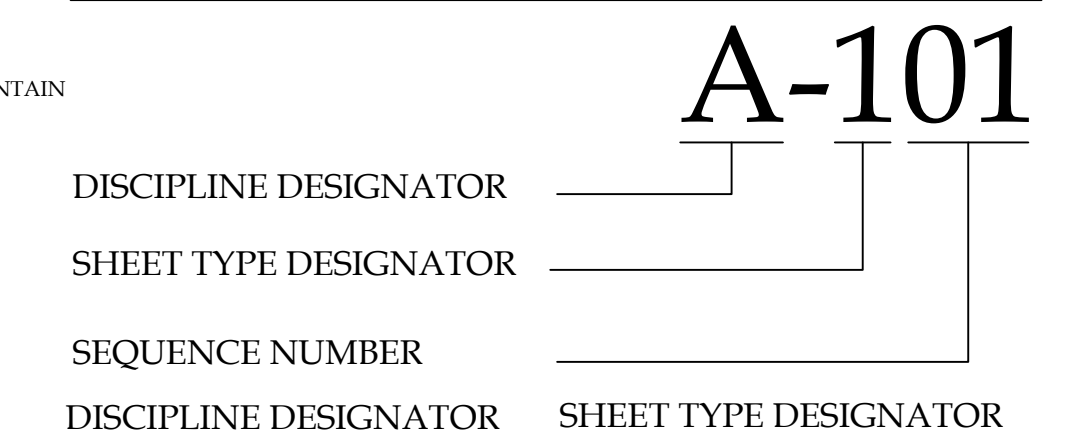


DRAWING AREA LOGIC



ISSUE

SHEET IDENTIFICATION LOGIC



| | | | |
|---|-----------------|---|----------------------|
| G | GENERAL | 0 | GENERAL |
| C | CIVIL | 1 | PLANS |
| L | LANDSCAPE | 2 | ELEVATIONS |
| S | STRUCTURAL | 3 | SECTIONS |
| A | ARCHITECTURAL | 4 | LARGE SCALE VIEWS |
| F | FIRE PROTECTION | 5 | DETAILS |
| P | PLUMBING | 6 | SCHEDULES & DIAGRAMS |
| M | MECHANICAL | | |
| E | ELECTRICAL | | |

Bloom & Rose Deli
Building Shell Renovations

5365 Main Street, Williamsville, NY 14221

SA PROJECT TEAM: PRINCIPAL: P.Silvestri

S.A. PROJECT # 25049.01
DATE: 12-18-2025

JOB CAPTAIN:

DRAFTER: B.Pacos

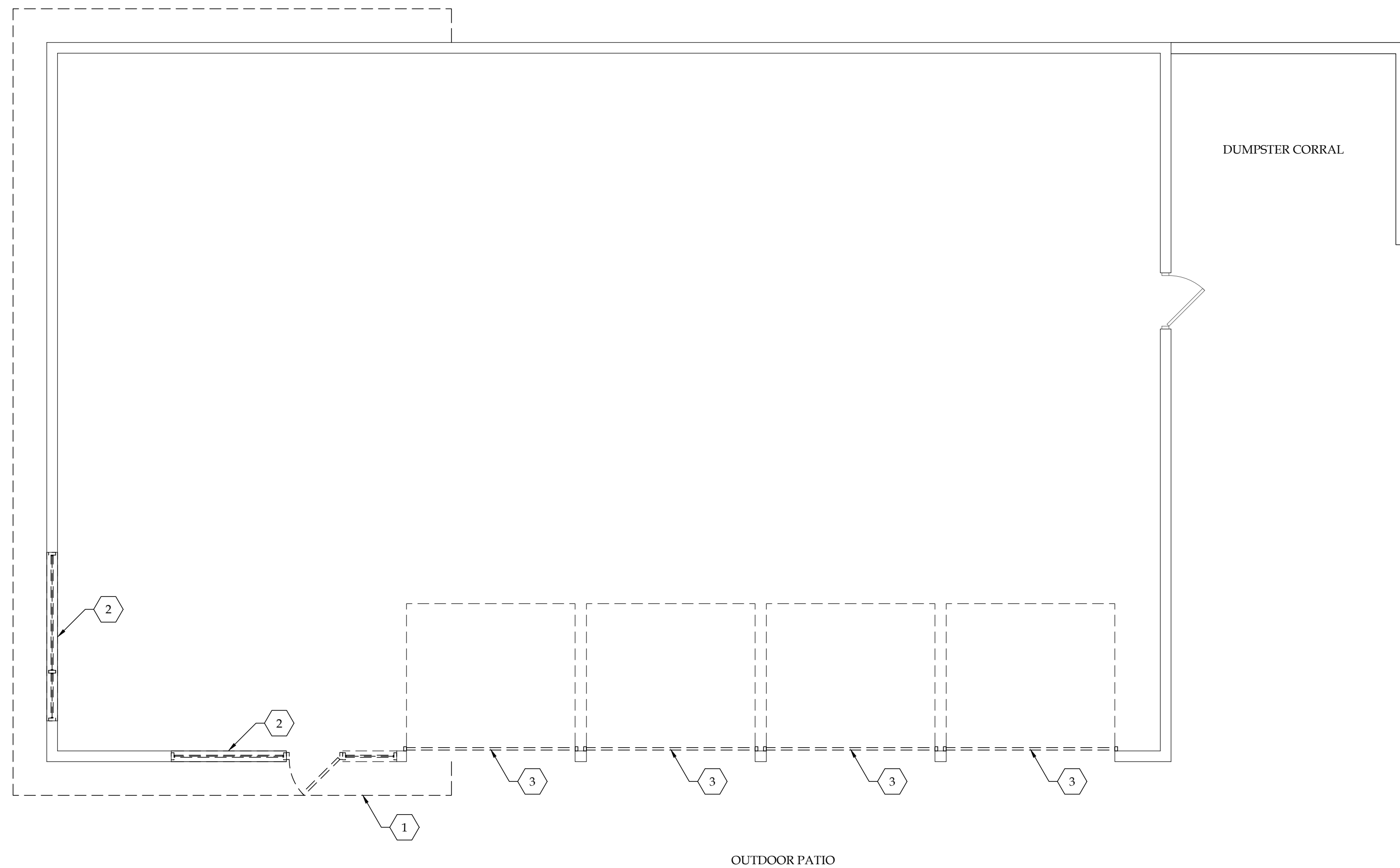


GENERAL DEMOLITION NOTES:

- THE CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS PRIOR TO STARTING DEMOLITION OR CONSTRUCTION AND IS TO REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING.
- THE CONTRACTOR IS TO PROTECT EXISTING WALLS, FLOORS & ANY OTHER ITEMS TO REMAIN DURING CONSTRUCTION.
- THE CONTRACTOR WILL BE REQUIRED TO REMOVE ALL ITEMS INDICATED, IMPLIED OR OTHERWISE NECESSARY TO ALLOW FOR NEW CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE LEGAL DISPOSAL OF ALL DEMOLISHED ITEMS FROM THE SITE. ALL DEMOLISHED ITEMS TO BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.
- DEMO CONTRACTOR TO PROVIDE DUMPSTERS & MEANS OF MATERIAL REMOVAL FROM SITE, IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS & AUTHORITIES HAVING JURISDICTION.
- DEMO CONTRACTOR TO CARRY FORTH DAILY CLEAN UP OF SITE.
- DEMO CONTRACTOR TO PROVIDE PROOF OF INSURANCE TO ARCHITECT AND OWNER.
- DEMO CONTRACTOR IS RESPONSIBLE FOR CONTINUOUS ON-SITE SUPERVISION.
- EXISTING ELECTRICAL CIRCUITS NOT TO BE REUSED SHALL BE REMOVED BACK TO PANELS.
- CONTRACTOR SHALL SHORE & BRACE ANY FLOOR, WALL OR ROOF SYSTEM INVOLVED IN SUBSTANTIAL DEMOLITION THAT COULD EFFECT THE STRUCTURAL INTEGRITY OF THE BUILDING.
- ANY ITEM NOT SPECIFICALLY CALLED OUT TO BE REMOVED OR RELOCATED, BUT NECESSARY TO DO AS PART OF THE PROJECT, SHALL BE REMOVED & STORED ON SITE IF REQUIRED.
- WALLS, DOORS & WINDOWS NOT DASHED ARE EXISTING TO REMAIN.
- PATCH & REPAIR EXISTING SURFACES DAMAGED BY DEMOLITION. ALL REPAIR WORK SHALL MATCH EXIST. ADJACENT MATERIALS & METHODS.
- ALL EXISTING SURFACES LEFT EXPOSED AFTER DEMOLITION SHALL BE PROTECTED AND SAFEGUARDED FROM EXPOSURE FROM WEATHER AND OR DAMAGE FROM CONSTRUCTION DURING CONSTRUCTION.
- THIS DEMOLITION DRAWING ONLY PROVIDES A BASIC SCOPE OF WORK AND SHOULD NOT BE REFERENCED FOR OTHER TRADE WORK.
- REMOVAL OF ALL LEAD AND ASBESTOS MATERIALS, IF PRESENT, SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LAWS, ORDINANCES, OSHA STANDARDS AND APPLICABLE CODES.

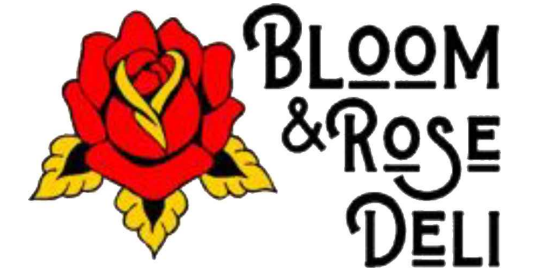
SHELL DEMOLITION PLAN - KEY NOTES:

- 1. EXISTING MANSARD TO BE REMOVED IN ITS ENTIRETY.
- 2. EXISTING WINDOWS & STOREFRONT SYSTEM TO BE REMOVED IN THEIR ENTIRETY - PREP FOR NEW WORK.
- 3. EXISTING GARAGE DOORS TO BE REMOVED IN THEIR ENTIRETY - PREP OPENING TO RECEIVE NEW DOOR OR NEW CONSTRUCTION (SEE A1/A-101 FOR SCOPE OF WORK @ EA. OPENING)



A1 DEMOLITION PLAN
SCALE: 3/16" = 1'-0"

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Bloom & Rose Deli
 Building Shell
 Renovations

5365 Main Street
 Williamsville, NY 14221

ISSUE:

SA PROJECT TEAM: PRINCIPAL P. Silvestri
 PROJ. ARCH. _____ DRAFTER B. Pacos
 JOB CAPT. _____ INTERIORS _____

SEAL:

TITLE:

**DEMOLITION
 PLAN & NOTES**



**SILVESTRI
 ARCHITECTS · PC**

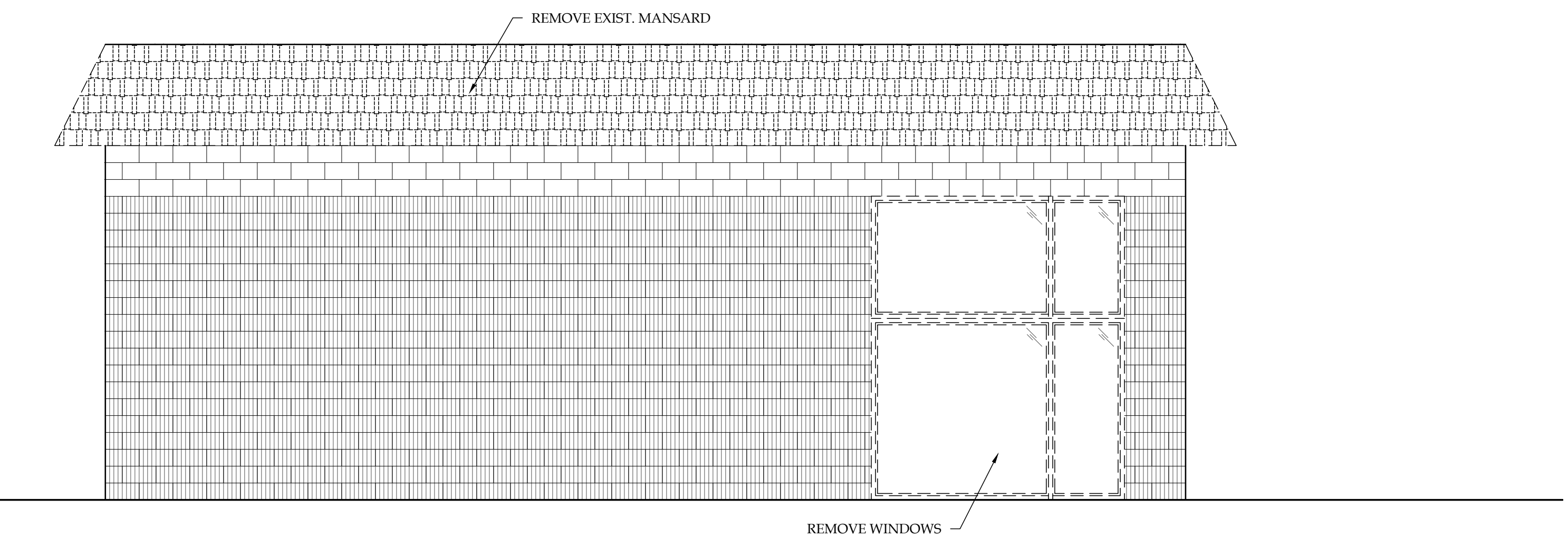
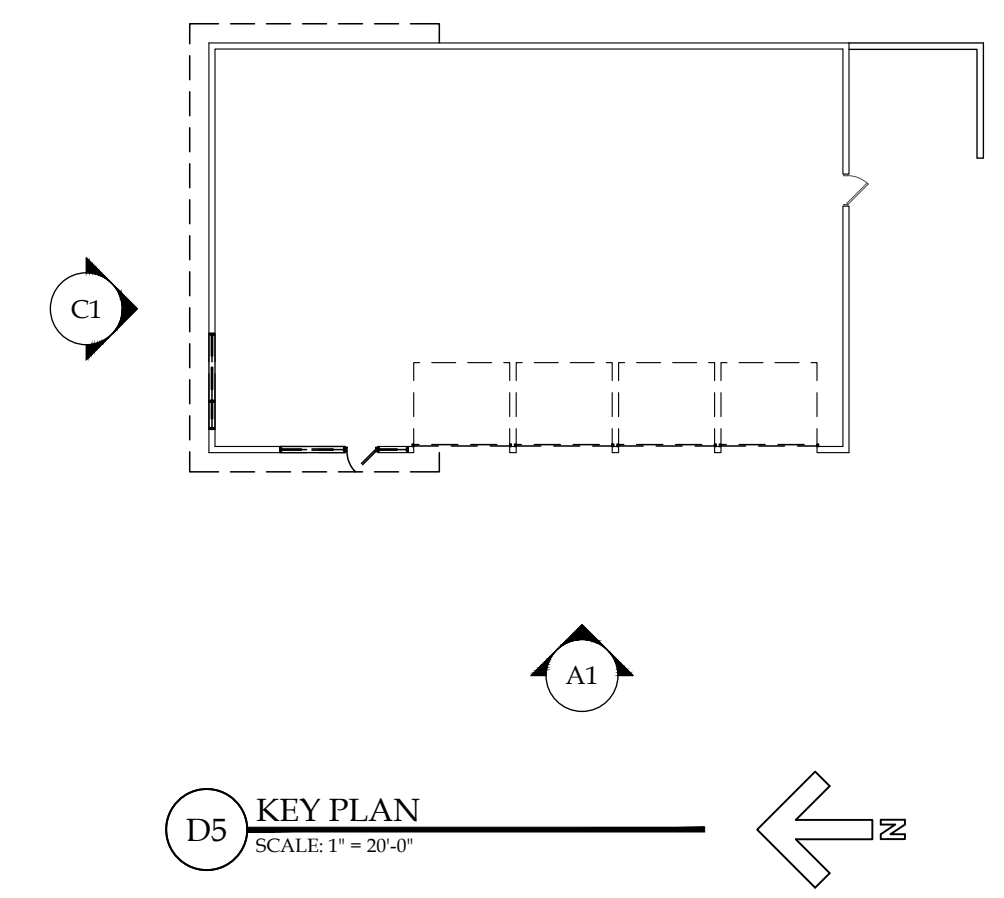
1321 MILLERSPORT HWY PH. 716.691.0900
 AMHERST, NY 14221 FAX 716.691.4773

SA JOB #: **25049.01** DATE: **01-15-25**

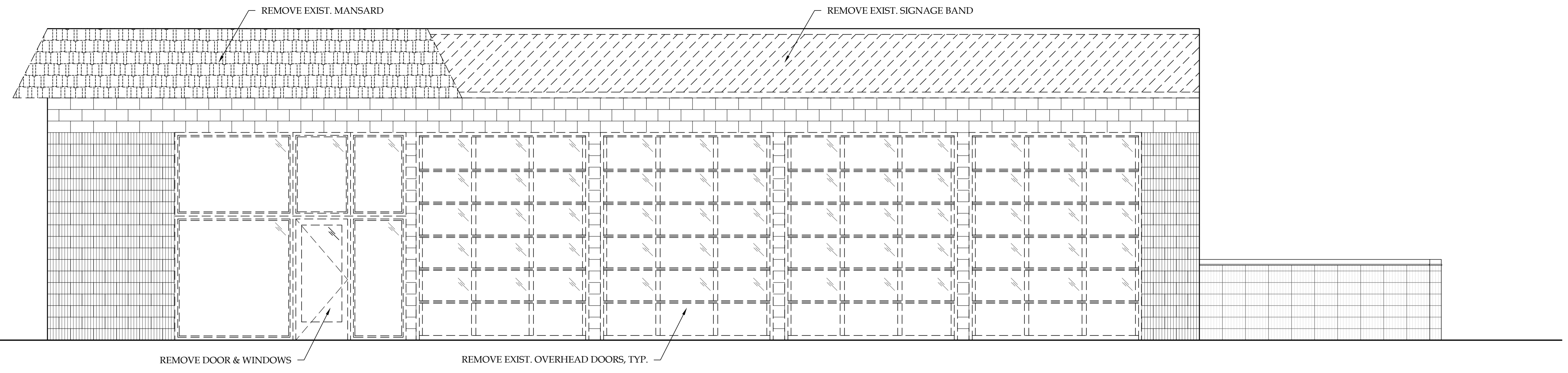
DRAWING #: **AD-101**

1 2 3 4 5 6

E
D
C
B
A



C1 NORTH (FRONT) ELEVATION
SCALE: 1/4" = 1'-0"



A1 WEST (SIDE) ELEVATION
SCALE: 1/4" = 1'-0"

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TITLE:
EXTERIOR DEMOLITION ELEVATIONS



SILVESTRI ARCHITECTS · PC

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SA JOB #: 25049.01 DATE: 01-15-25

DRAWING #: AD-201

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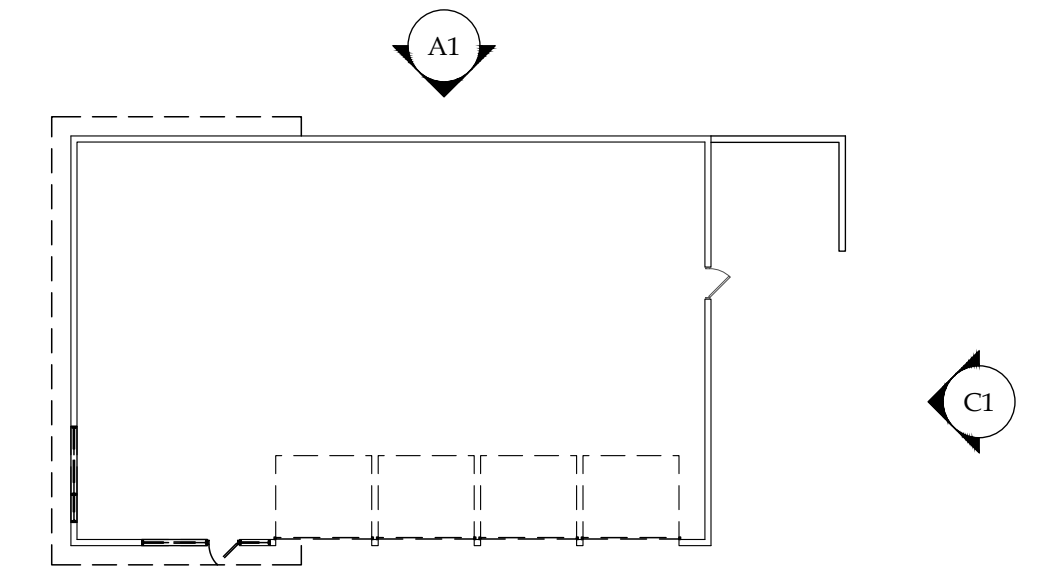
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D

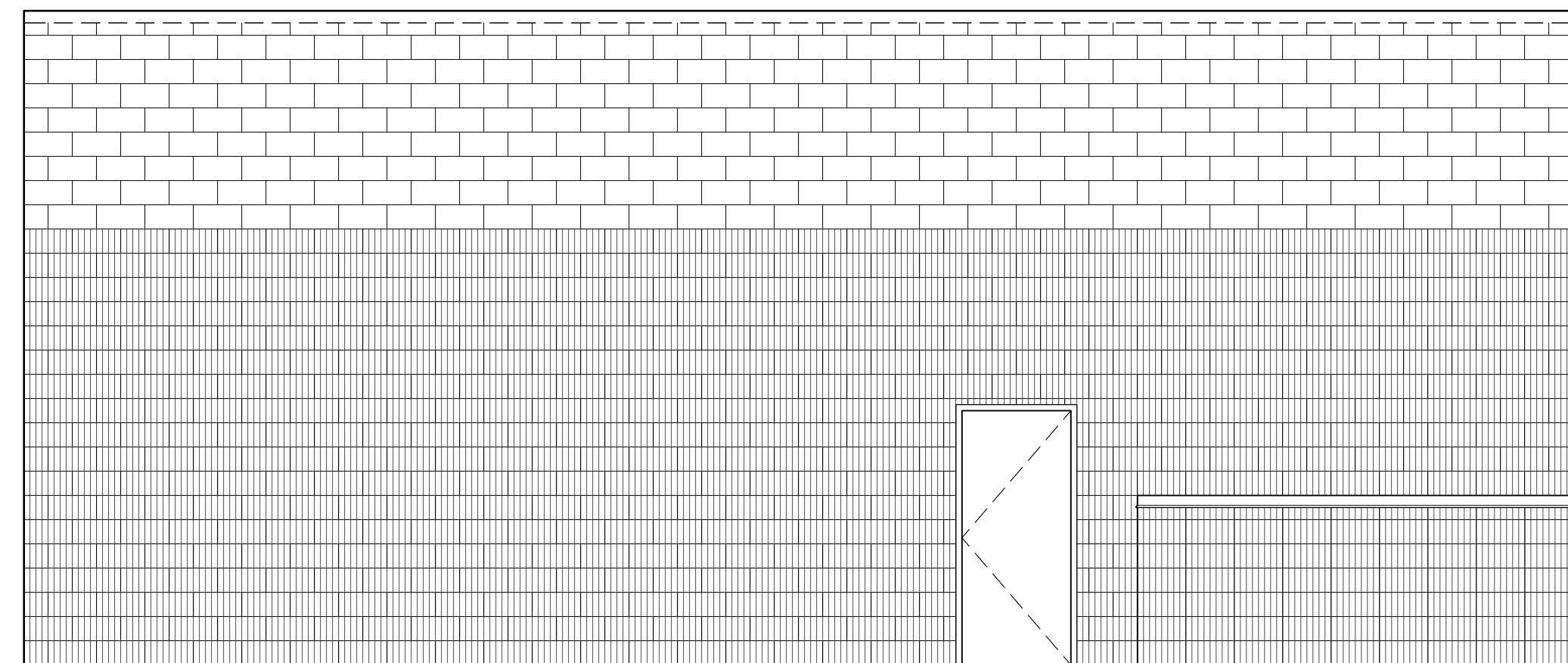
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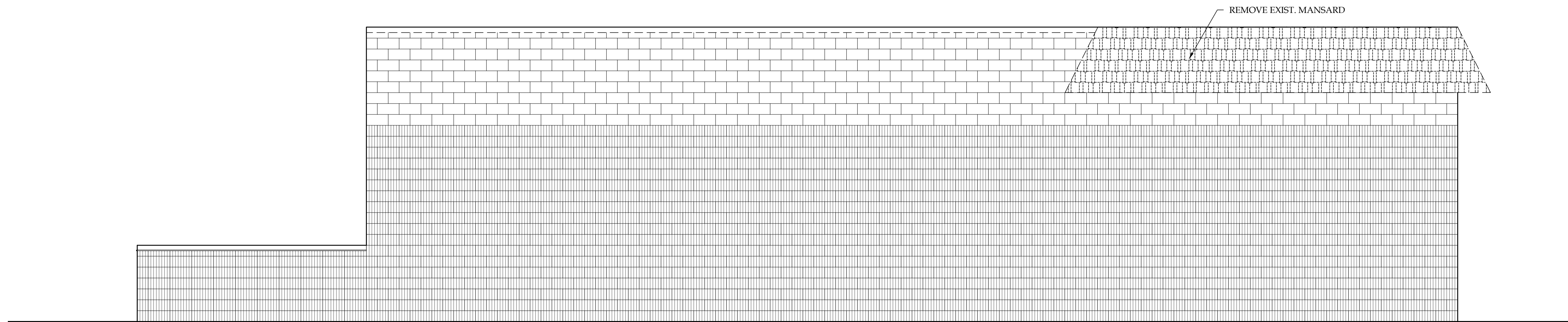
A



D5 KEY PLAN
SCALE: 1" = 20'-0"

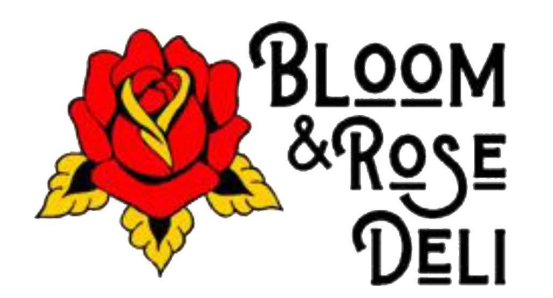


C1 SOUTH (REAR) ELEVATION
SCALE: 1/4" = 1'-0"



A1 EAST (SIDE) ELEVATION
SCALE: 1/4" = 1'-0"

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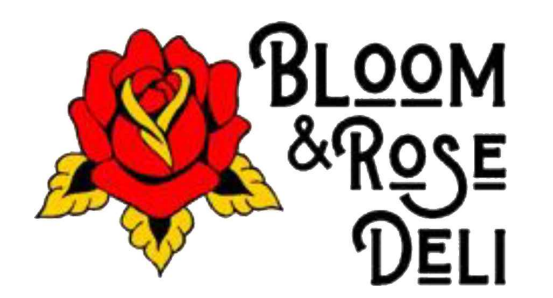
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AMHERST, NY 14221 FAX 716.691.4773

SA JOB #: **25049.01** DATE: **01-15-25**

DRAWING #: **AD-202**

- (X) SHELL PLAN - KEY NOTES:**
1. INFILL OH DOOR OPENING W/ SPLIT-FACE CMU TO MATCH ADJ.
 2. ALL INTERIOR DESIGN, CONSTRUCTION, FURNISHINGS, AND FINISHES BY OTHERS
 3. REPAIR DAMAGE TO EXISTING WALL.

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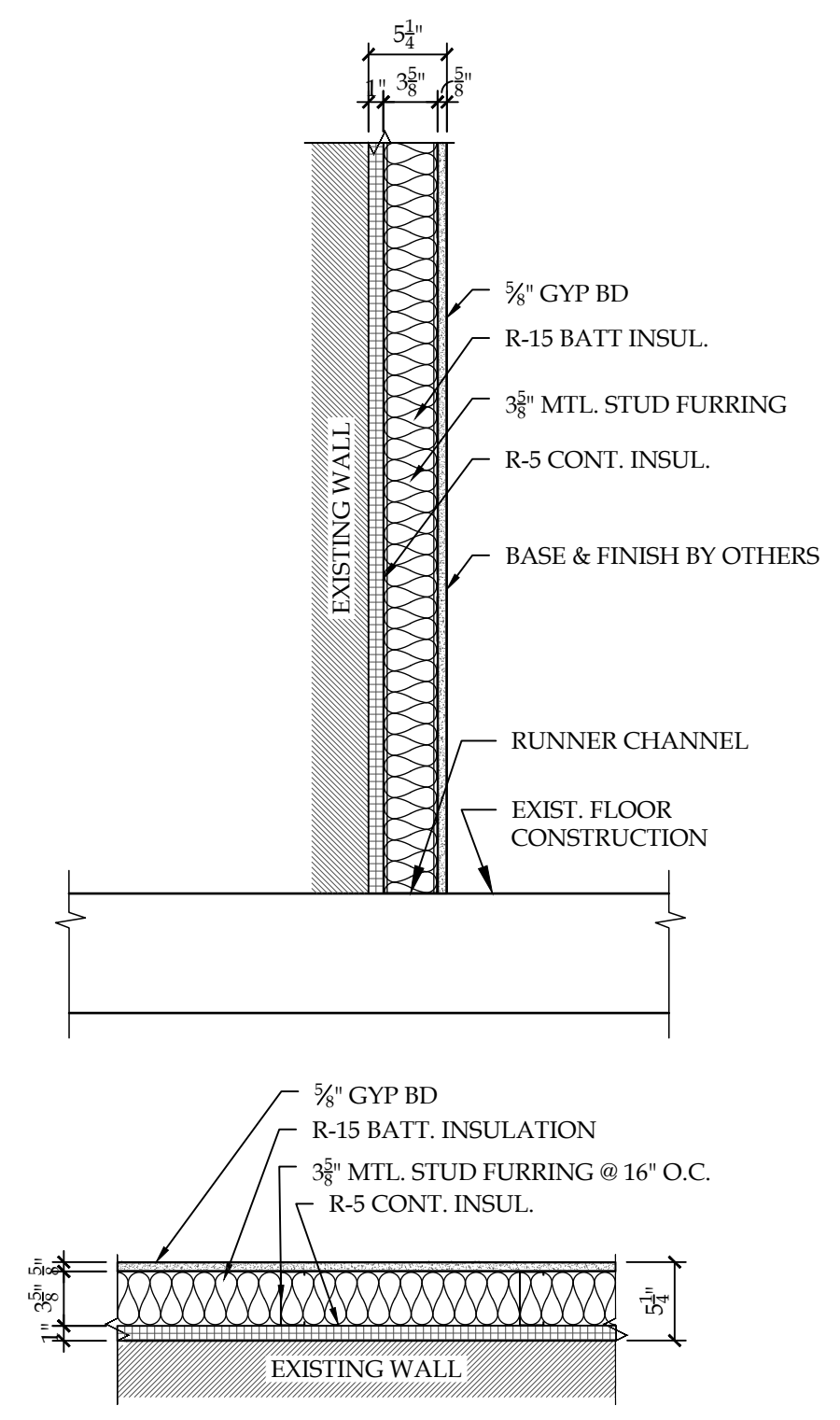
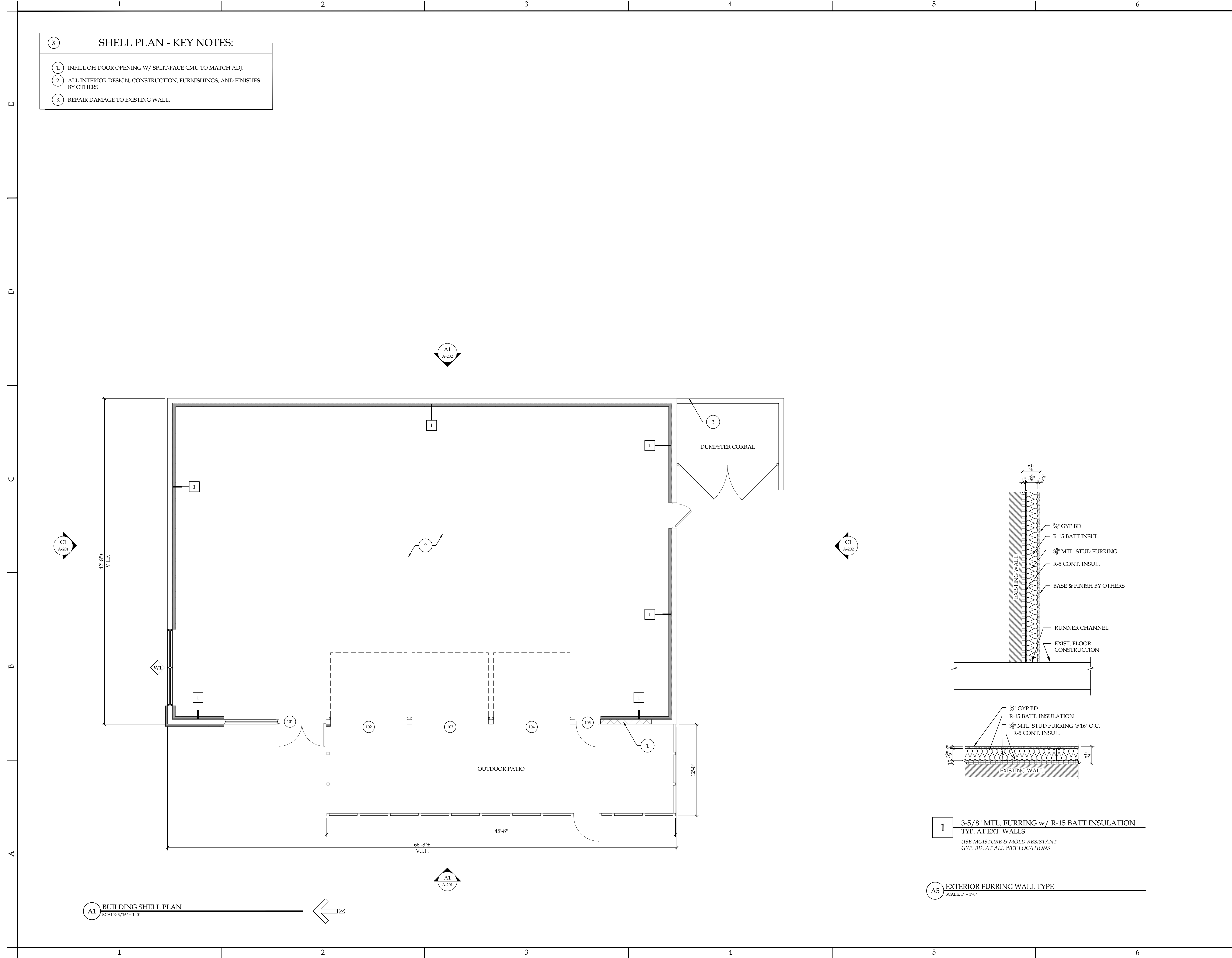
SEAL:

TITLE:
BUILDING SHELL PLAN & NOTES

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SA JOB #: **25049.01** DATE: **01-15-25**

DRAWING #: **A-101**



1 3-5/8" MTL. FURRING w/ R-15 BATT INSULATION
 TYP. AT EXT. WALLS
 USE MOISTURE & MOLD RESISTANT GYP. BD. AT ALL WET LOCATIONS

A5 EXTERIOR FURRING WALL TYPE
 SCALE: 1" = 1'-0"

A1 BUILDING SHELL PLAN
 SCALE: 3/16" = 1'-0"

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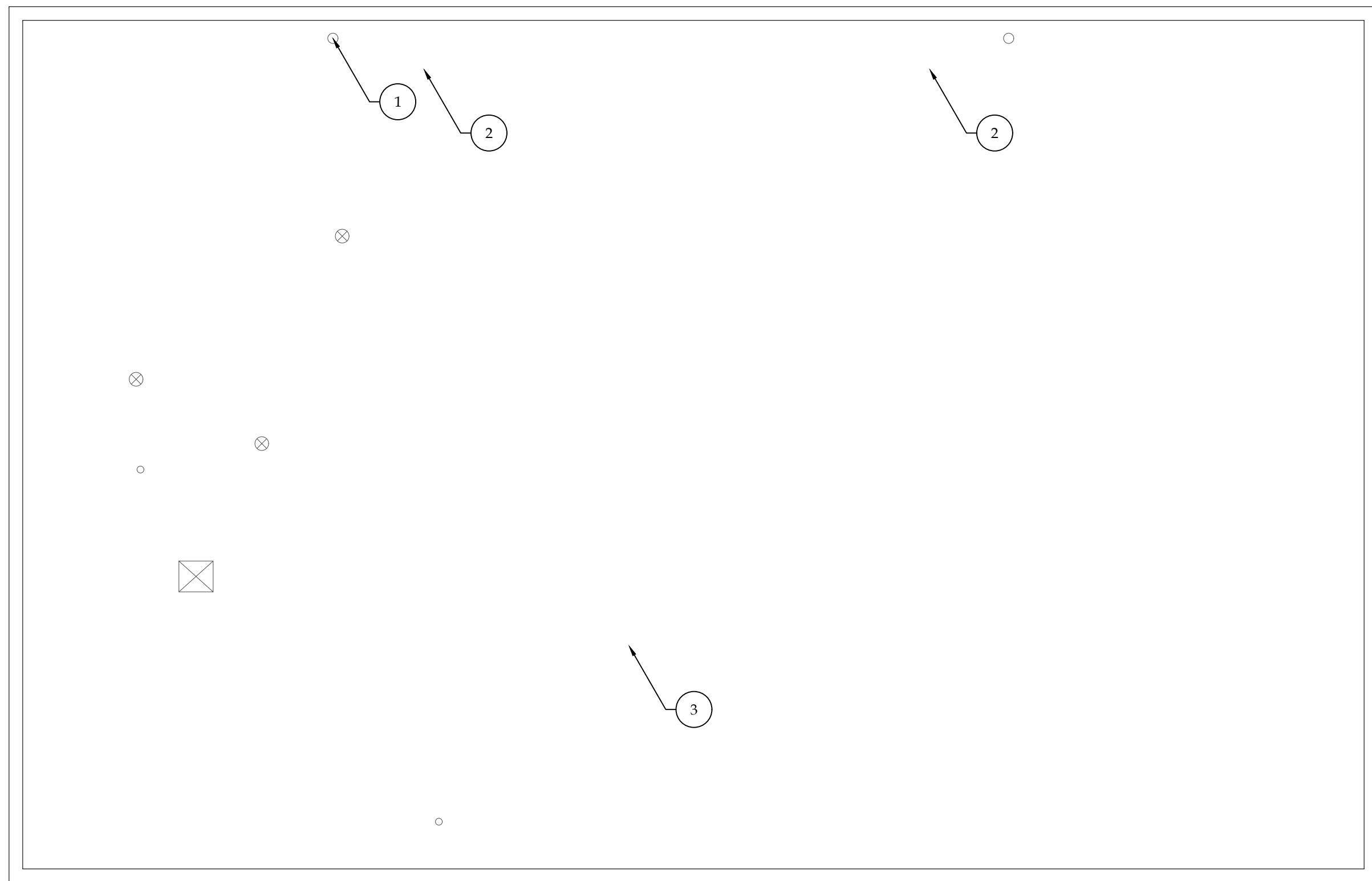
C

B

A

(X) **ROOF PLAN - KEY NOTES:**

1. REMOVE DEBRIS FROM ROOF DRAIN SUMP.
2. INSTALL NEW CURED EPDM PATCHES OVER ALL LIFTING "T" PATCHES @ SEAM INTERSECTIONS, TYP.
3. PATCH CAULK REPAIR w/ NEW CURED EPDM MEMBRANE.



A1 BUILDING ROOF PLAN
SCALE: 3/16" = 1'-0"

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BUILDING ROOF PLAN & NOTES

SILVESTRI ARCHITECTS · PC
1321 MILLERSPORT HWY PH. 716.691.0900
AMHERST, NY 14221 FAX 716.691.4773

SA JOB #: 25049.01 DATE: 01-15-25

DRAWING #: **A-102**

1

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6

FACADE TRANSPARENCY CALCULATIONS

BUILDING FACADE (3'-0" TO 10'-0")
 WIDTH OF BUILDING x HEIGHT OF BAND = WALL AREA
 42'-8" x 7'-0" = 298.67 SF

WINDOW AREA (3'-0" TO 10'-0")
 WIDTH OF WINDOW x HEIGHT OF BAND = WINDOW AREA
 10'-0" x 7'-0" = 70 SF

AREA OF TRANSPARENCY AS PERCENTAGE OF TOTAL FACADE (3'-0" TO 10'-0")
 AREA OF WINDOW / AREA OF FACADE = PERCENTAGE
 70 SF / 298.67 SF = 23.44% OF TOTAL FACADE

*TRANSPARENCY CODE (§112-16f(3)(c)) VARIANCE GRANTED BY ZBA 2025-10-15

FACADE MATERIAL AREAS

TOTAL BUILDING FACADE AREA: 4,868 SF

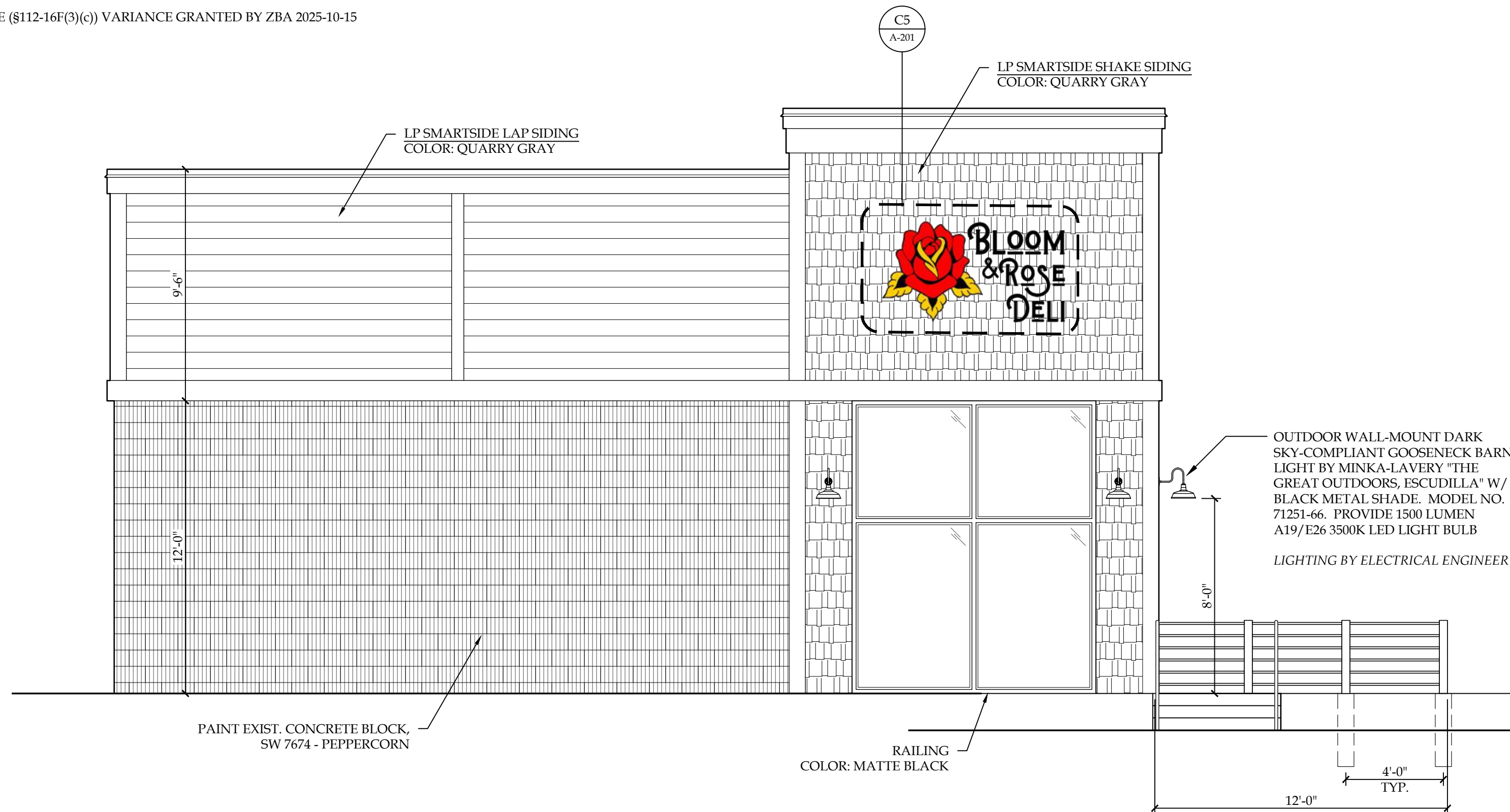
PAINT, BLOCK & SOLID DOOR: 1,870 SF (~38%)
 COLOR: SW 7674 - PEPPERCORN

LP SMARTSIDE LAP SIDING: 1,362 SF (~28%)
 COLOR: QUARRY GRAY

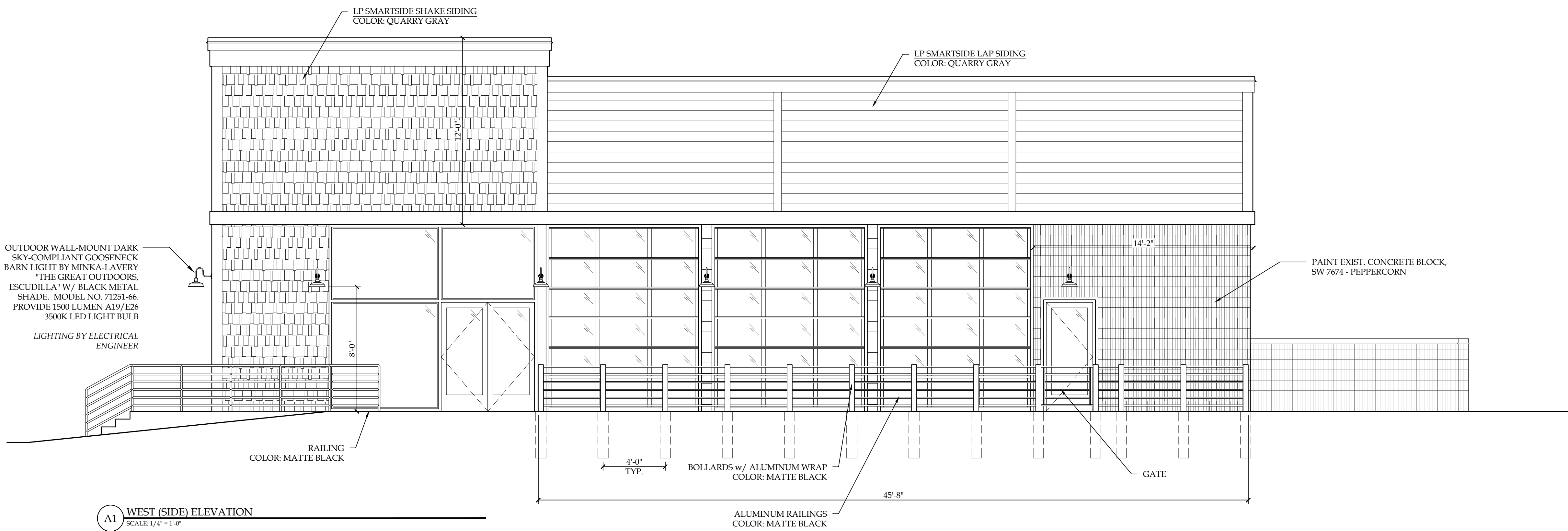
GLASS DOORS & WINDOWS: 665 SF (~14%)
 COLOR: BLACK FRAMES

CORNICE & TRIM: 524 SF (~11%)
 COLOR: WHITE

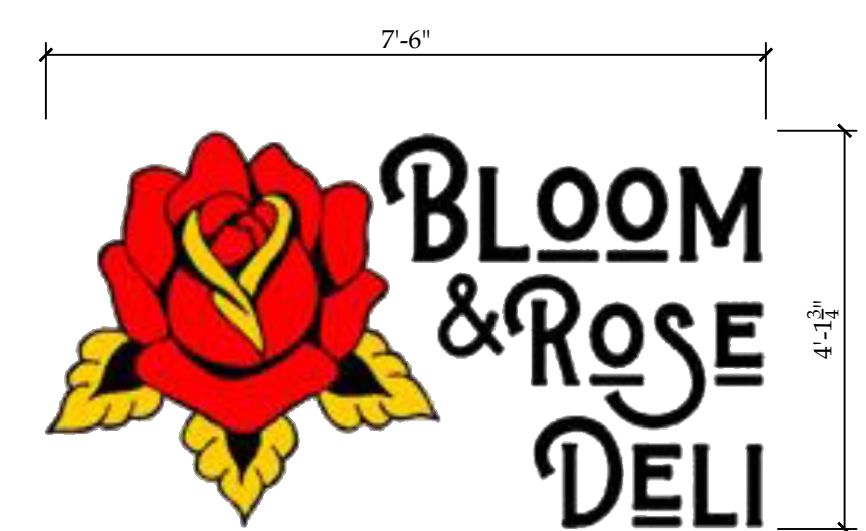
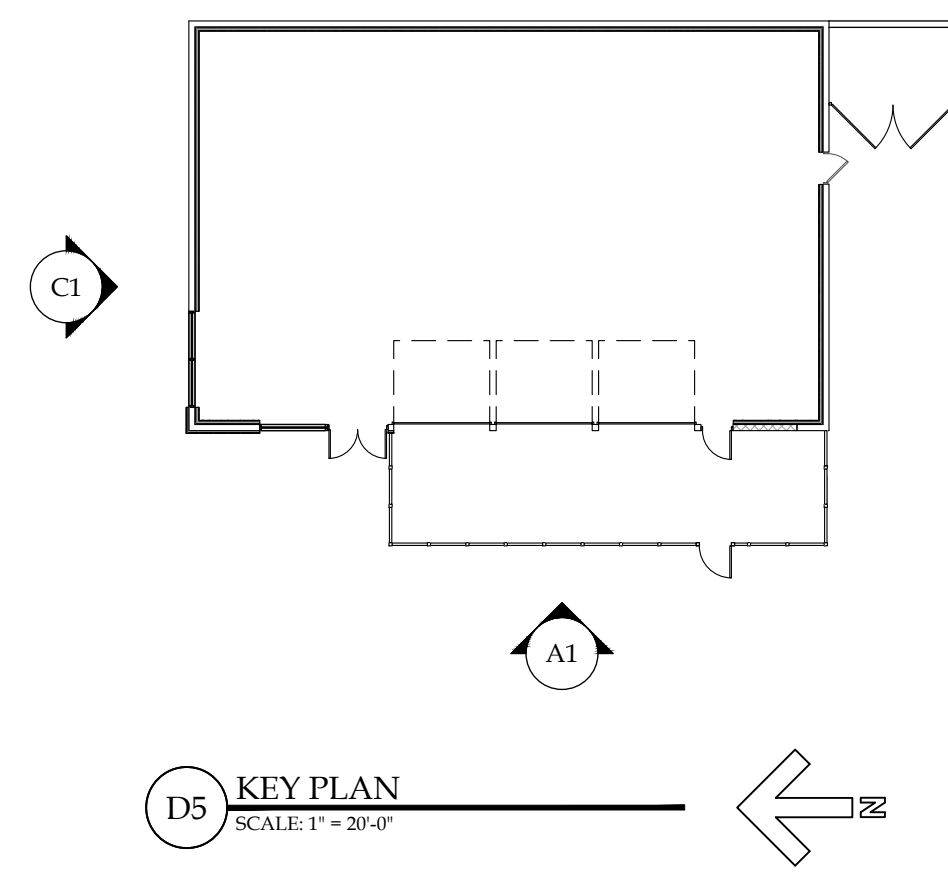
LP SMARTSIDE SHAKE SIDING: 447 SF (~9%)
 COLOR: QUARRY GRAY



C1 NORTH (FRONT) ELEVATION
 SCALE: 1/4" = 1'-0"

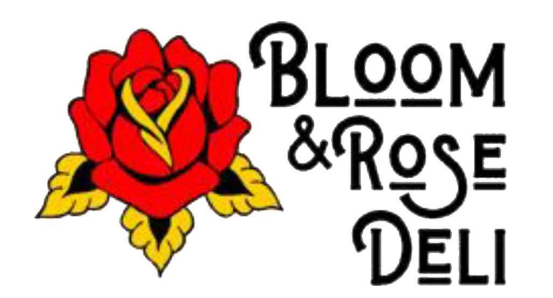


A1 WEST (SIDE) ELEVATION
 SCALE: 1/4" = 1'-0"



C5 SIGN DETAIL
 SCALE: 1/2" = 1'-0"

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EXTERIOR ELEVATIONS



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1321 MILLERSPORT HWY PH. 716.691.0900
 AMHERST, NY 14221 FAX 716.691.4773

SA JOB #: 25049.01 DATE: 01-15-25

DRAWING #: A-201

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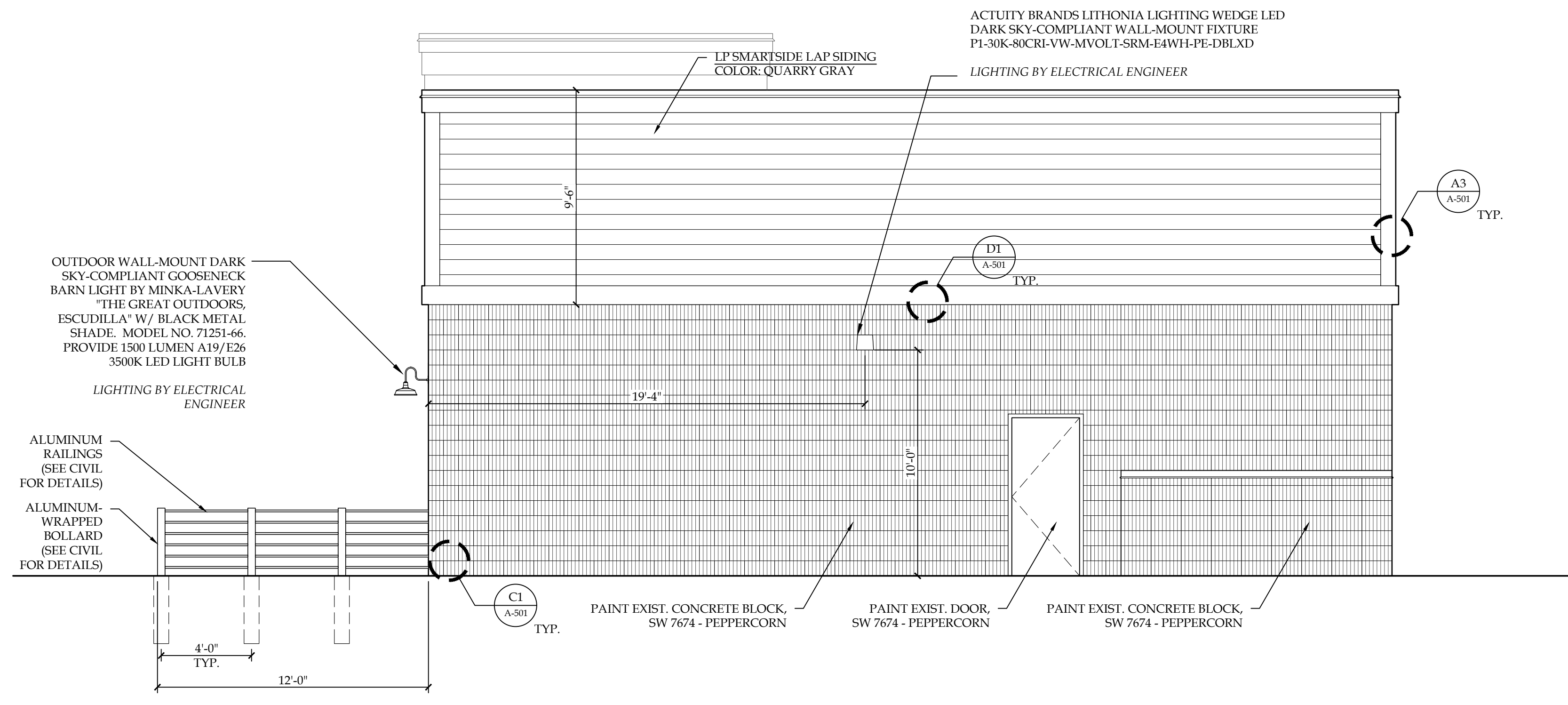
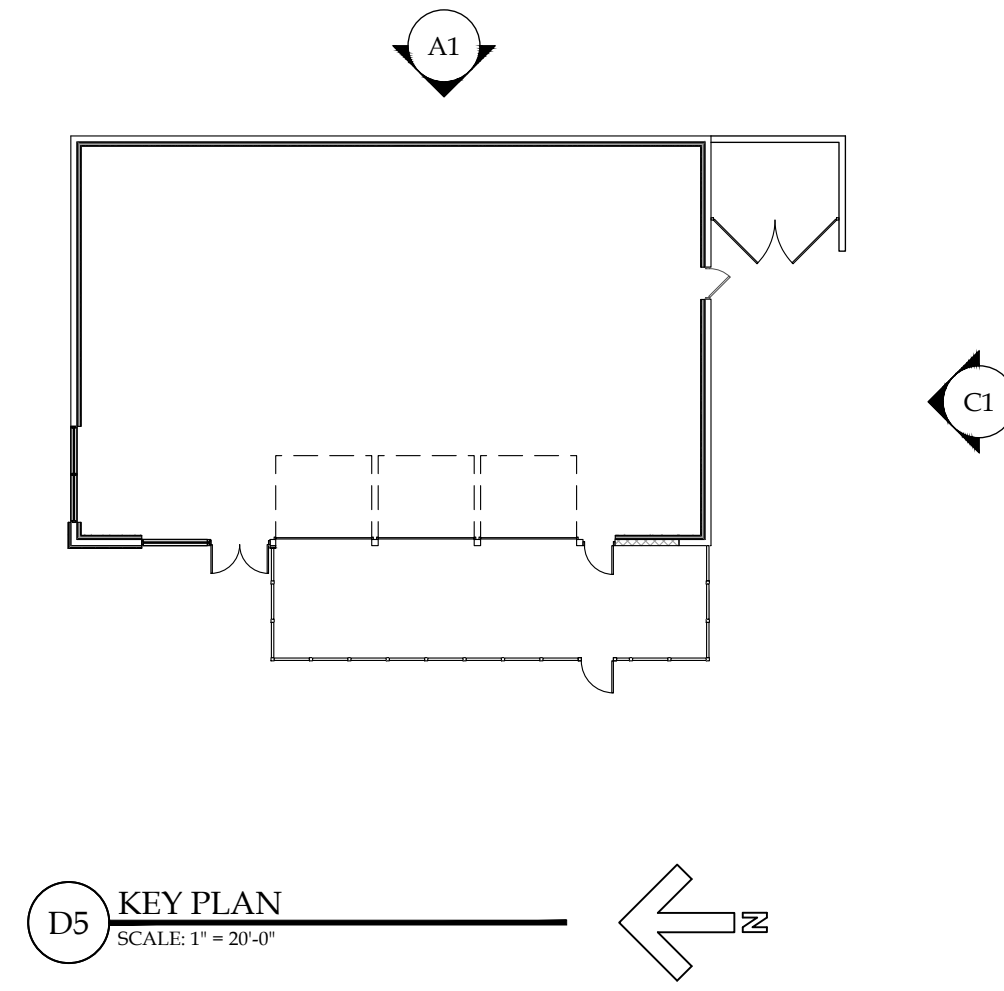
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D

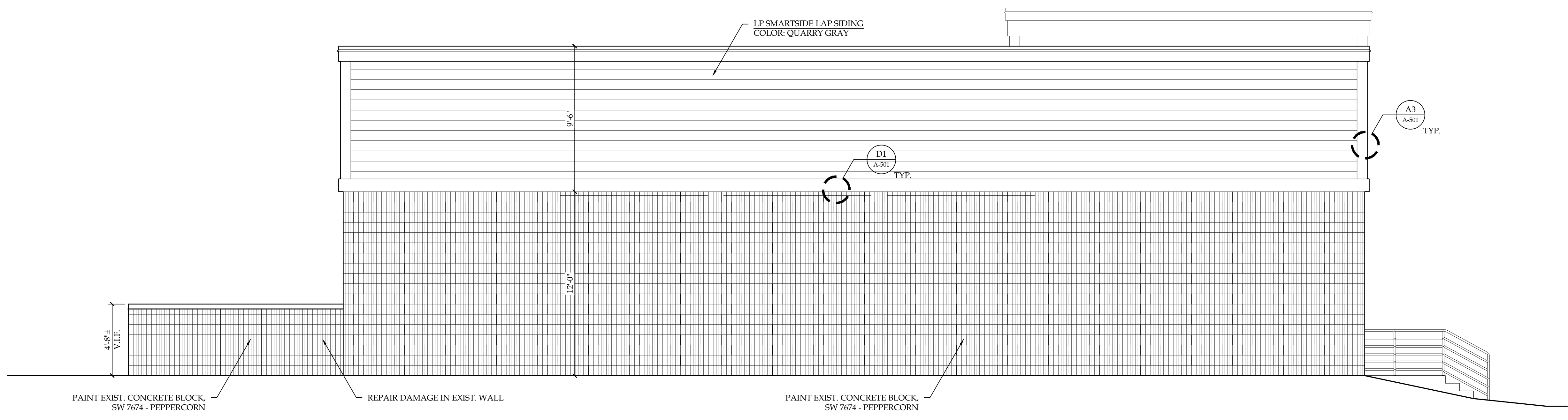
C

B

A



C1 SOUTH (REAR) ELEVATION
SCALE: 1/4" = 1'-0"



A1 EAST (SIDE) ELEVATION
SCALE: 1/4" = 1'-0"

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Bloom & Rose Deli
Building Shell Renovations
5365 Main Street
Williamsville, NY 14221

ISSUE:

SA PROJECT TEAM: PRINCIPAL P. Silvestri
PROJ. ARCH. _____ DRAFTER B. Pacos
JOB CAPT. _____ INTERIORS _____

SEAL:

TITLE:
EXTERIOR ELEVATIONS



SILVESTRI ARCHITECTS · PC

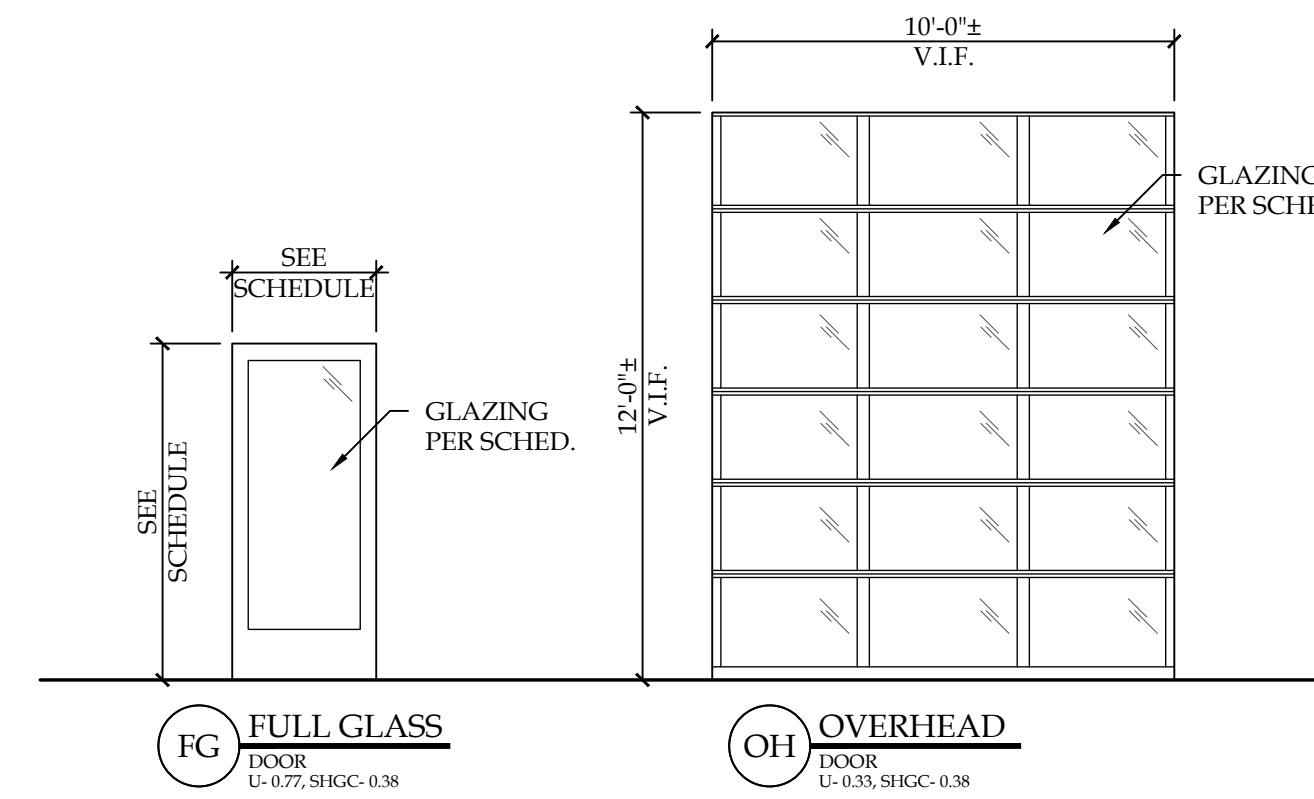
1321 MILLERSPORT HWY PH. 716.691.0900
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SA JOB #: 25049.01 DATE: 01-15-25

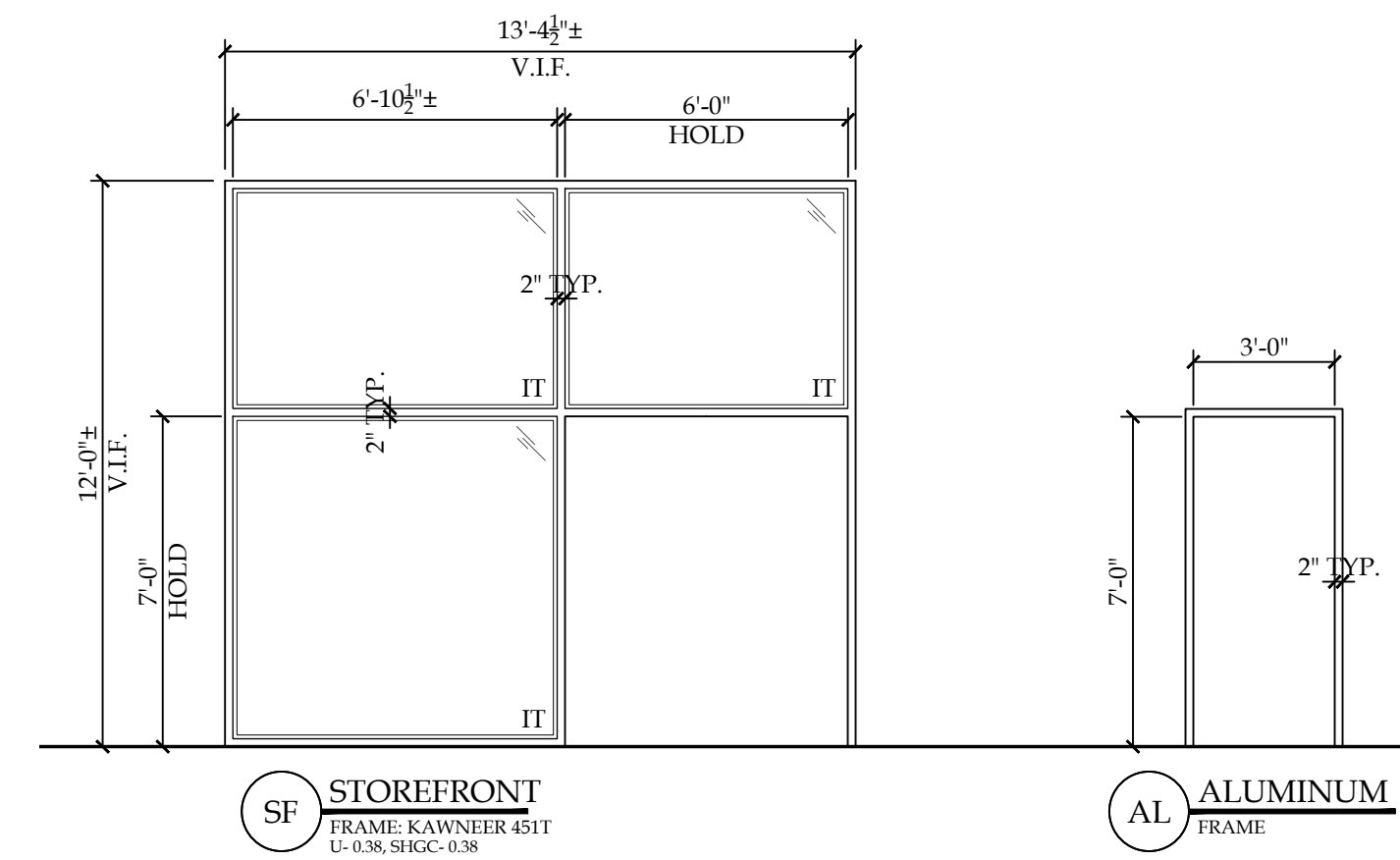
DRAWING #: **A-202**

DOOR AND FRAME SCHEDULE

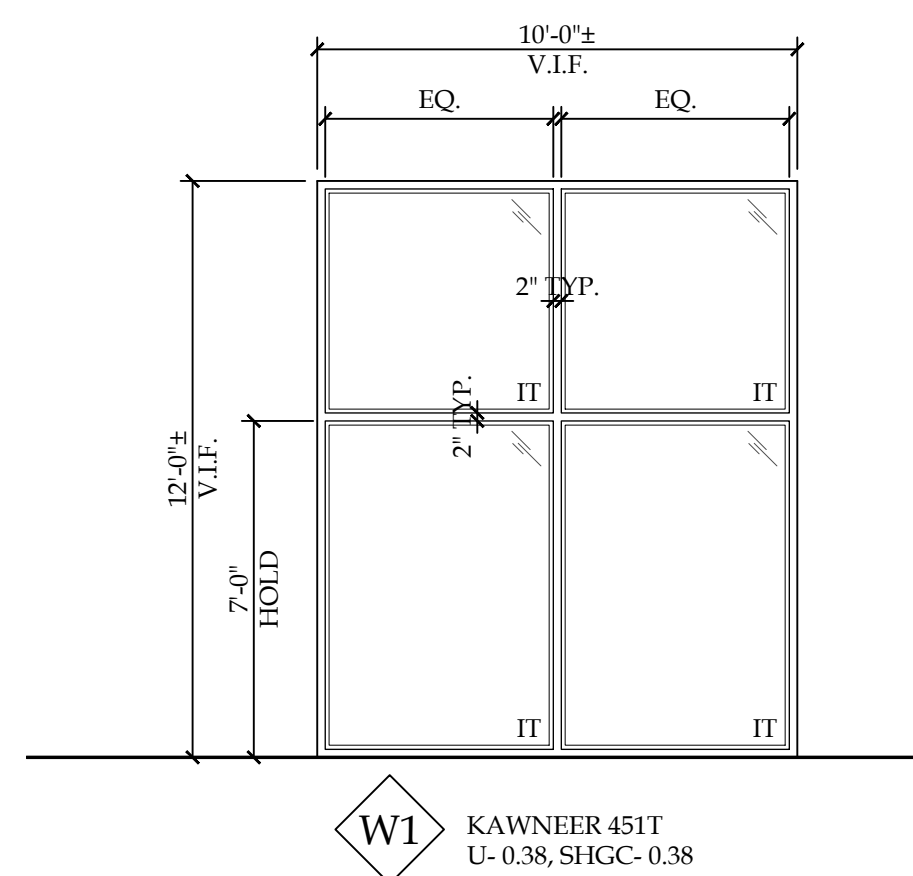
| DOOR NO. | LOCATION | DOORS | | | | | | FRAMES | | HARDWARE SET NO. | REMARKS |
|----------|----------|-----------|--------|--------|-----------|-------|-------|------------|-------|------------------|------------------------|
| | | SIZE | | | DOOR TYPE | MAT'L | GLASS | FRAME TYPE | GLASS | | |
| | | WIDTH | HEIGHT | THK | | | | | | | |
| 101 | ENTRANCE | (2) 3'-0" | 7'-0" | 1 3/4" | FG | ALUM | IT | SF | IT | 1 | |
| 102 | PATIO | - | - | - | OH | - | IT | - | - | SEE MANUF. | CHI 3297 OVERHEAD DOOR |
| 103 | PATIO | - | - | - | OH | - | IT | - | - | SEE MANUF. | CHI 3297 OVERHEAD DOOR |
| 104 | PATIO | - | - | - | OH | - | IT | - | - | SEE MANUF. | CHI 3297 OVERHEAD DOOR |
| 105 | PATIO | 3'-0" | 7'-0" | 1 3/4" | FG | ALUM | IT | AL | - | 1 | |



D4 DOOR TYPES
SCALE: 1/4" = 1'-0"

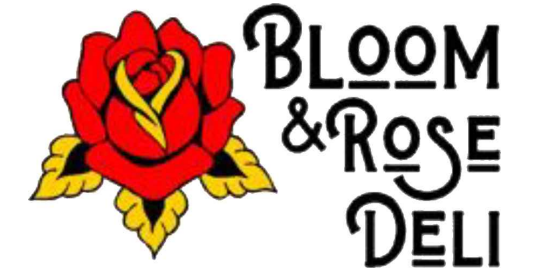


C4 FRAME TYPES
SCALE: 1/4" = 1'-0"



A1 WINDOW TYPE
SCALE: 1/4" = 1'-0"

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Building Shell Renovations

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ISSUE:

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JOB CAPT. _____ INTERIORS _____

SEAL:

TITLE:

**DOORS,
WINDOWS &
DETAILS**

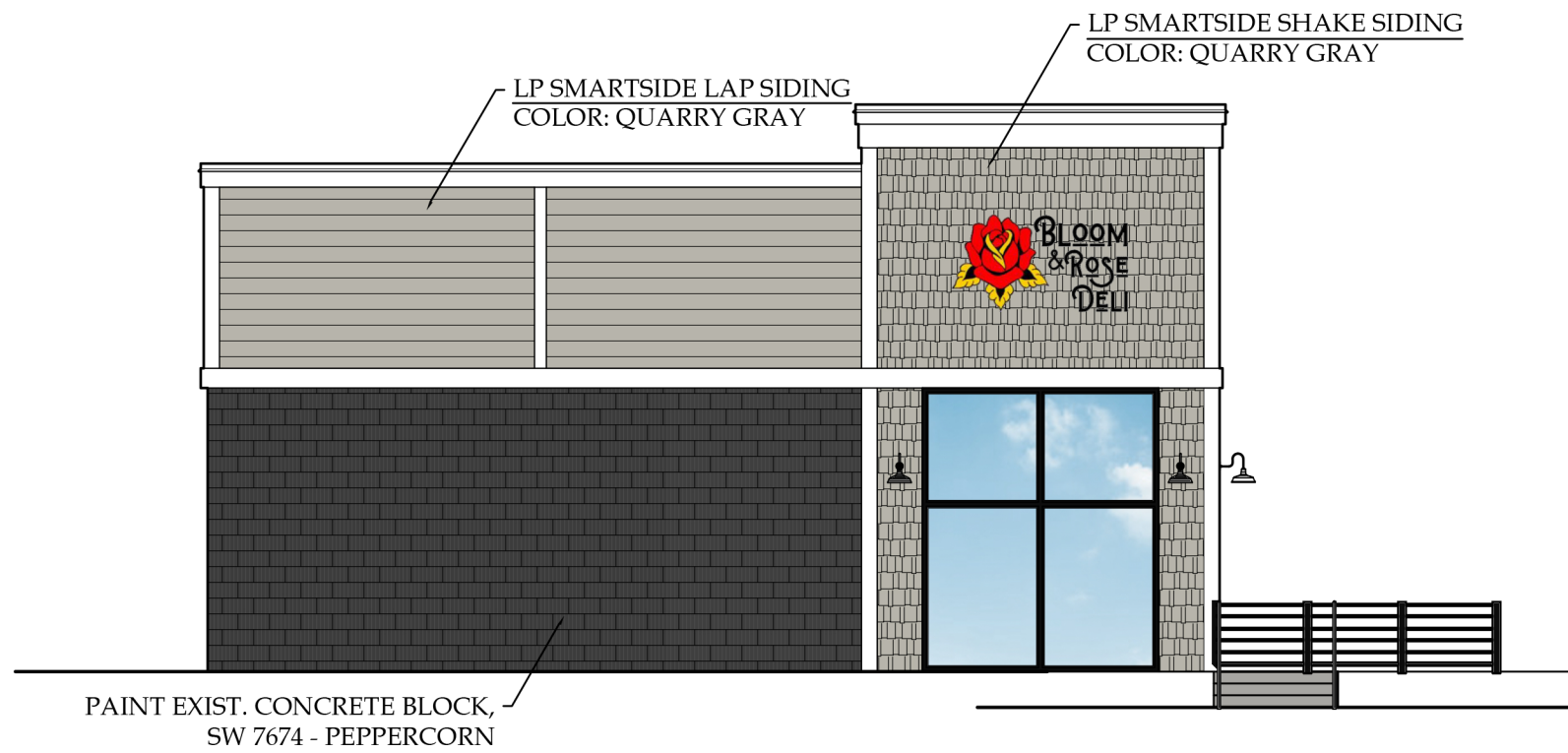
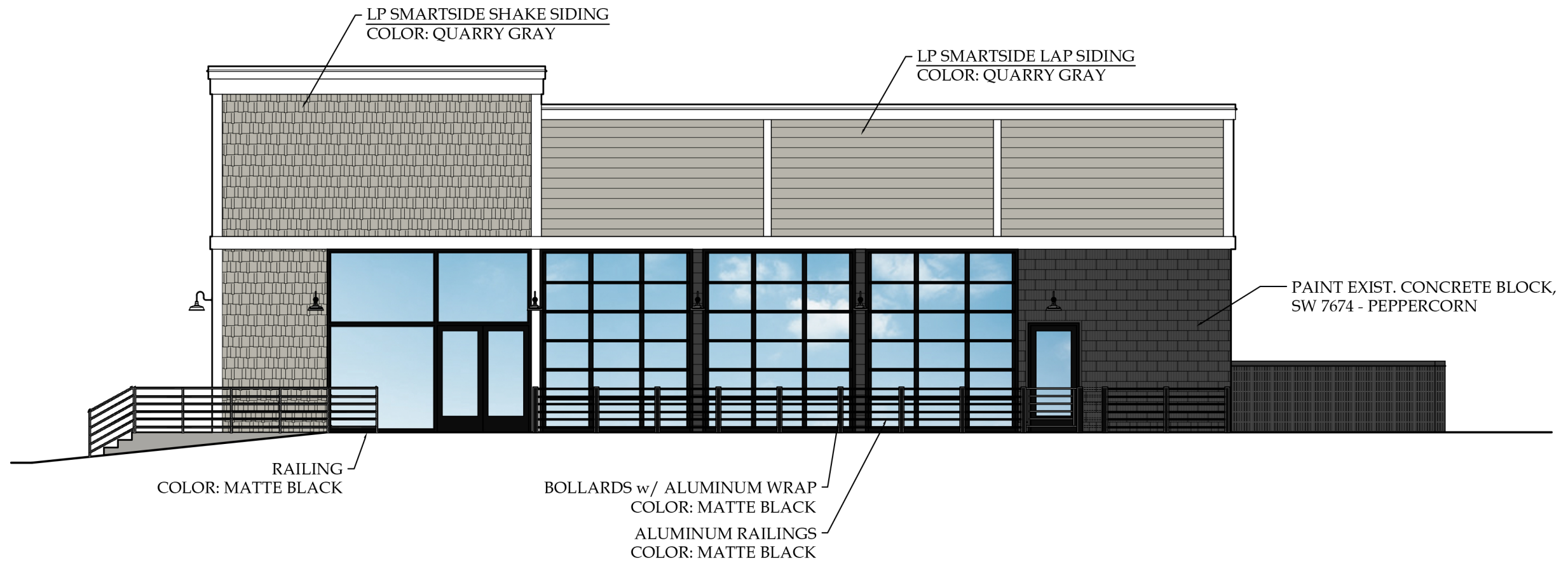


**SILVESTRI
ARCHITECTS · PC**

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SA JOB #: **25049.01** DATE: **01-15-25**

DRAWING #: **A-601**



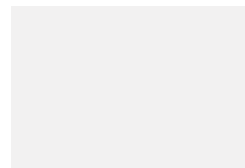


COLORFUL SIDING. BEAUTIFUL FINISH.

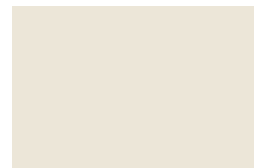
LP® SMARTSIDE® EXPERTFINISH® TRIM & SIDING

The advanced durability you expect from LP® SmartSide® Trim & Siding comes in ExpertFinish® colors. Your homeowners will love choosing colors to match their style—and you’ll love the fast and easy installation that comes with LP SmartSide ExpertFinish Trim & Siding.

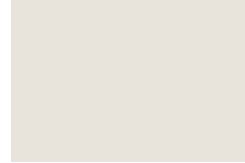
- ExpertFinish Lap Joint eliminates the need for seam caulk, joint molds, or pan flashing
- Now available in brushed smooth and cedar texture
- Advanced Durability for Longer Lasting Beauty®
- Available in 16 versatile colors that will complement most any home’s style
- Industry-leading 5/15/50 year prorated limited warranty: 5-year labor and materials, 15-year finish, and 50-year substrate
- Comes in a variety of SKUs and finishes



Snowscape White



Sand Dunes



Desert Stone



Quarry Gray



Prairie Clay



Terra Brown



Harvest Honey



Timberland Suede



Garden Sage



Redwood Red



Tundra Gray



Summit Blue



Rapids Blue



Cavern Steel



Midnight Shadow



Abyss Black



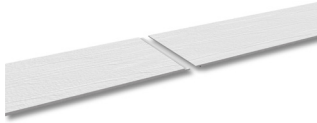
For complete product and warranty details, visit LPCorp.com/ExpertFinish

All colors shown are representative and may not be an exact match.

Products Available in LP® SmartSide® ExpertFinish® Colors

Lap Joint Siding

- 38 Series 6" x 16' – 5.84 in. (148 mm) x 192 in. (4.9 m)
- 38 Series 8" x 16' – 7.84 in. (199 mm) x 192 in. (4.9 m)



Trim

- 440/540 Series 4" x 16' – 3.50 in. (89 mm) x 192 in. (4.9 m)
- 440/540 Series 6" x 16' – 5.50 in. (140 mm) x 192 in. (4.9 m)
- 440/540 Series 8" x 16' – 7.21 in. (183 mm) x 192 in. (4.9 m)
- 440/540 Series 10" x 16' – 9.21 in. (234 mm) x 192 in. (4.9 m)
- 440/540 Series 12" x 16' – 11.21 in. (285 mm) x 192 in. (4.9 m)
- 190 Series 3" x 16' – 2.5 in. (64 mm) x 192 in. (4.9 m)



Shakes

Reversible staggered or straight edge

- 38 Series 12" x 48" – 11.624 in. (295 mm) x 48.63 in. (1.2 m) *



Panel – NGSE

Dual use siding and soffit panel

- 38 Series 4' x 8' – 47.88 in. (1216 mm) x 96 in. (2.4 m)
- 38 Series 4' x 10' – 47.88 in. (1216 mm) x 120 in. (3 m) *



Nickel Gap

- Nickel Gap 8" x 16' – 7.88 in. (200 mm) x 192 in. (4.9 m)



Vertical Siding

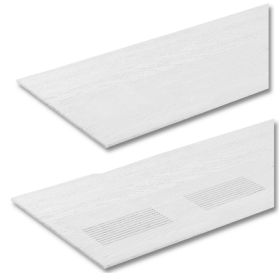
- 38 Series 16" x 16' – 15.94 in. (405 mm) x 192 in. (4.9 m)



Soffit

Closed or vented

- 38 Series 12" x 16' – 11.94 in. (303 mm) x 192 in. (4.9 m)
- 38 Series 16" x 16' – 15.93 in. (405 mm) x 192 in. (4.9 m)
- 38 Series 24" x 16' – 23.94 in. (608 mm) x 192 in. (4.9 m)



Outside Corners

- 540 Series 4" x 16' – 3.625 in. (89 mm) x 192 in. (4.9 m)
- 540 Series 6" x 16' – 5.625 in. (140 mm) x 192 in. (4.9 m)



J-Blocks

- 540 Series 7.25" x 7.25" – 7.21 in. (183 mm) x 7.21 in. (183 mm)



Mini Splits

- 540 Series 7.25" x 6.75" – 7.21 in. (183 mm) x 6.75 in. (171 mm)



* Only Available in Cedar Texture.
Not all products available in all colors.



We're not just building for the future, we are promoting forest regeneration and conserving wildlife habitats for the benefit of all generations to come.

All photos are for illustrative purposes only. Please refer regularly to LPCorp.com for correct and up-to-date product installation instructions.

WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood.



For complete product and warranty details, visit LPCorp.com/ExpertFinish

DESIGN AND PERFORMANCE VERSATILITY WITH UNMATCHED FABRICATION FLEXIBILITY

Photography: © Bob Perzel



TRIFAB® VERSAGLAZE® 450, 451 & 451T (THERMAL) FRAMING SYSTEMS & TRIFAB® 451UT (ULTRA THERMAL) FRAMING SYSTEM

Trifab® VersaGlaze® is built on the proven and successful Trifab® platform – with all the versatility its name implies. There are enough framing system choices, fabrication methods, design options and performance levels to please the most discerning building owner, architect and installer. The 4.5" depth Trifab® VersaGlaze® Framing System family is available with non-thermal, thermal and ultra-thermal performance levels. The ultra-thermal Trifab® 451UT Framing System, is designed for the most demanding thermal performance and employs actual Isolock® thermal break.

Redefining Thermal Entrances with IsoPour™ Technology



Ask more from your door, and get it all with Kawneer's new Insulpour® Thermal Entrances, featuring IsoPour™ technology. This innovative product offering gives architects, developers, owners, and glazing contractors the ability to create a true thermally broken entrance system. It's an ideal solution for high-end commercial and multifamily facilities looking to improve thermal control in common areas with moderate to high traffic.

By merging industry-proven pour and debridge and polymer isolator technologies, Kawneer's IsoPour™ Thermal Break technology creates thermally broken assemblies for enhanced building energy efficiencies with higher structural performance. Insulpour® Thermal Entrances simultaneously provide additional design flexibility through multiple door cross-rail and bottom rail choices along with dual finish capabilities for the door and door frame.

PERFORMANCE, STRENGTH & SECURITY

The door and frame both leverage IsoPour™ Thermal Break technology, enabling high thermal performance. Specifically aimed at quelling concerns about cold spots and thermal bridging from architects and specifiers, Insulpour® Thermal Entrances feature a true thermally broken door header, which significantly mitigates the formation of condensation when used with a concealed overhead closer. Insulating glass unit options of double pane 1" (25.4 mm) or triple pane 1-1/2" (38.1 mm) improve thermal and sound reduction performance.

For added strength, the 2-1/4" (57.2 mm) deep door has a stout 1/8" (3.2 mm) wall thickness, and the dual-welded corner construction of Insulpour® Thermal Entrances adds long-term performance. Each door corner comes with a limited lifetime warranty, good for the life of the door under normal use operation. It is transferable from building owner to owner and is provided in addition to the standard two-year warranty covering material and workmanship of each Kawneer door.

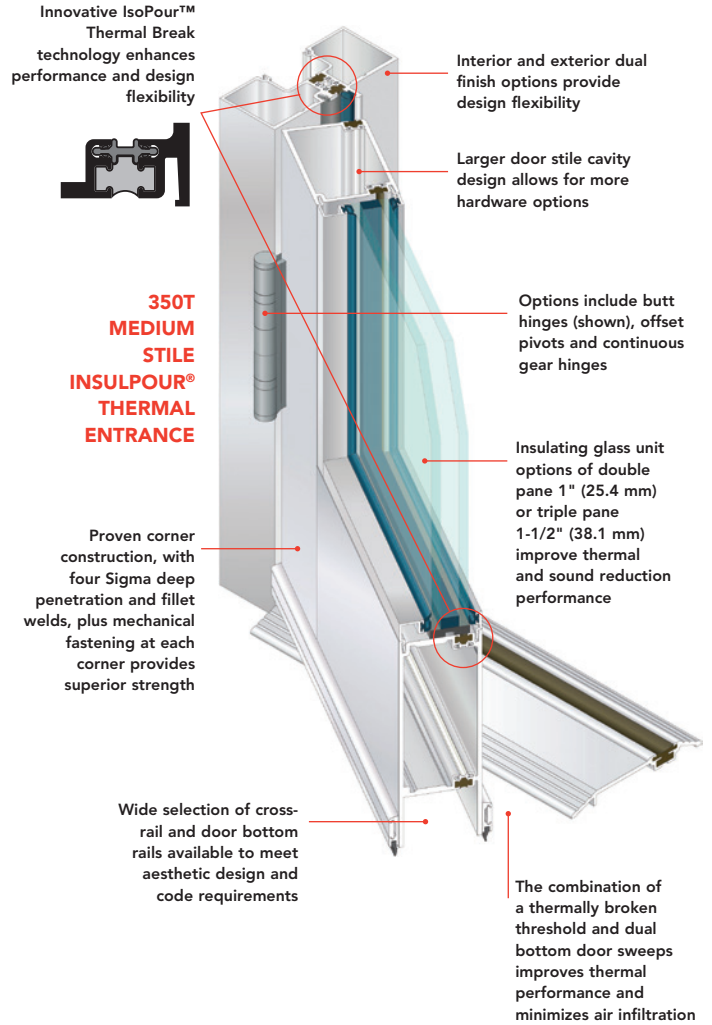
Insulpour® Thermal Entrances meet ASTM E1996 hurricane impact resistant requirements up to Zone 4 and Level D, and have undergone shock tube testing for blast mitigation. Contact your local Kawneer sales representative for limitations and specific application requirements.

AESTHETICS & DESIGN FLEXIBILITY

With sightlines that match standard, non-thermally broken entrances, Insulpour® Thermal Entrances offer 250T narrow, 350T medium and 500T wide stile options.

| | VERTICAL STILE | TOP | BOTTOM RAIL |
|-------------------|---------------------|-----------------------|----------------------|
| 250T Narrow Stile | 2-1/2" (63.5 mm) | 2-15/16" (74.6 mm) | 3-7/8" (98.4 mm) |
| 350T Medium Stile | 3-1/2" (88.9 mm) | 3-1/2" (88.9 mm) | 6-1/2" (165.1 mm) |
| 500T Wide Stile | 5" (127 mm) | 5" (127 mm) | 6-1/2" (165.1 mm) |

The unique thermal break design allows for a wider choice of locking option hardware than previous thermal entrance designs. Coupled with various cross-rail sizes and multiple bottom rail heights of 7-1/2" (190.5 mm), 10" (254 mm) and 12" (304.8 mm), Insulpour® Thermal Entrances give architects, designers and building owners more opportunities to bring their vision to life.



AESTHETICS

Trifab® VersaGlaze® Framing Systems offer designers a choice of front-, center-, back- or multi-plane glass applications. Structural silicone glazing (SSG) and weatherseal glazing options further expand designers' choice, allowing for a greater range of possibilities for specific project requirements and architectural styles. All systems have a 4-1/2" frame depth; Trifab® VersaGlaze® 450 has 1-3/4" sightlines, while Trifab® VersaGlaze® 451/451T and Trifab® 451UT have 2" sightlines.

With seamless incorporation of Kawneer entrances or windows, including GLASSvent® visually frameless ventilators, Trifab® framing can be used on almost any project. These framing systems can also be packaged with Kawneer curtain walls and overhead glazing, thereby providing a full range of proven, and tested, quality products for the owner, architect and installer from a single-source supplier.

ECONOMY

Trifab® VersaGlaze® 450/451/451T/451UT Framing Systems offer a variety of fabrication choices to suit your project:

- **Screw Spline** – for economical continuous runs utilizing two-piece vertical members that provide the option to pre-assemble units for efficient handling and installation. (available for all Trifab systems)
- **Shear Block** – for punched openings or continuous runs using tubular verticals with shear blocks to connect horizontal members. (available for 450/451/451T systems)
- **Stick** – for fast, easy field fabrication. Continuous sill and head receptors are installed with horizontals connected to tubular verticals with shear blocks. (available for 450/451/451T systems)
- **Pre-glazed** – The combination of screw spline construction with pre-glazing in the shop accelerates installation and reduces field labor time while minimizing disruption to the surrounding area or existing tenants. Making it an exceptional choice for new or retrofit applications, particularly in urban areas or where space is limited. (available for 451/451T/451UT framing)

Photography: © Ben Gancsos



All systems can be flush glazed from either the inside or outside. The weatherseal option provides an alternative to SSG vertical mullions for Trifab® VersaGlaze® 450/451/451T. This ABS/ASA rigid polymer extrusion allows complete inside glazing and creates a flush glass appearance on the building exterior without the added labor of scaffolding or swing stages. Additionally, high-performance flashing options are engineered to eliminate perimeter sill fasteners and associated blind seals.

FOR THE FINISHING TOUCH

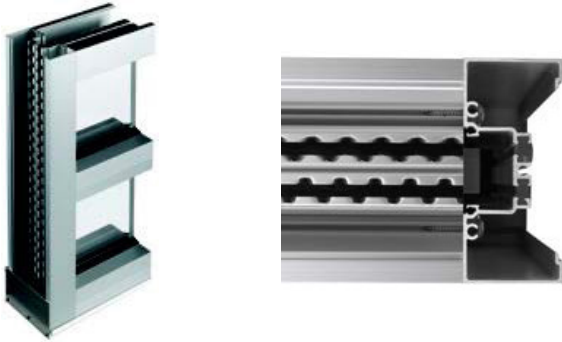
Architectural Class I anodized aluminum and painted finishes in fluoropolymer (AAMA 2605) and solvent-free powder coatings (AAMA 2604) offer a variety of color choices.

PERFORMANCE

Kawneer's Isolock® thermal break technology creates a composite section, prevents dry shrinkage and is available on Trifab® VersaGlaze® 451T. For even greater thermal performance, a dual Isolock® thermal break is used on Trifab® 451UT.

U-factor, CRF values and STC ratings for Trifab® framing systems vary depending upon the glass plane application. Project-specific U-factors can be determined for each individual project.

(See the Kawneer Architectural Manual or Kawneer.com for additional information.)

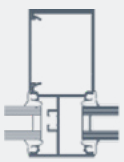
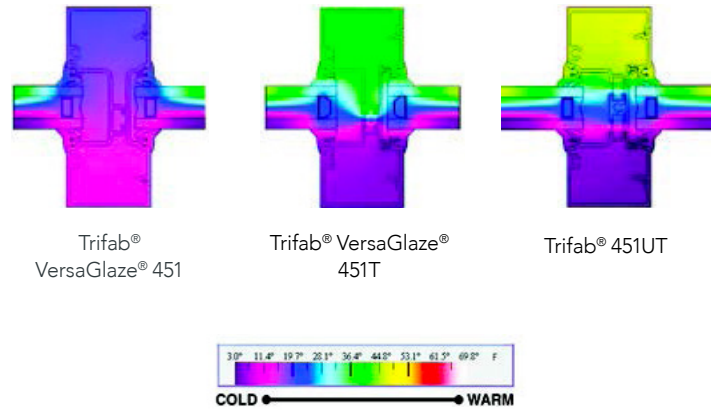


Trifab® 451UT uses a dual Isolock® thermal break (right) and features a new high performance sill design, which incorporates a screw-applied end dam (left), ensuring positive engagement and tight joints between the sill flashing and end dam.

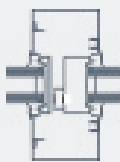
PERFORMANCE TEST STANDARDS

| | |
|------------------|-----------------------|
| Air Infiltration | ASTM E283 |
| Water | AAMA 501, ASTM E331 |
| Structural | ASTM E330 |
| Thermal | AAMA 1503 |
| Thermal Break | AAMA 505, AAMA TIR-A8 |
| Acoustical | AAMA 1801, ASTM E1425 |

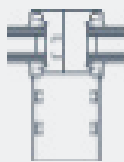
Thermal simulations showing temperature variations from exterior/cold side to interior/warm side.



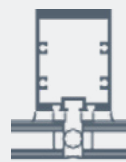
Front



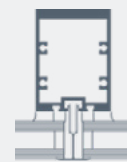
Center



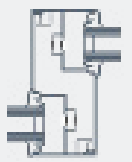
Back



SSG



Weatherseal



Multi-Plane

Full-View Aluminum Doors Commercial Sectional



COMBINE HIGH-DESIGN AND FUNCTION

A clean modern look combined with flexibility, durability, and quality make this door the perfect choice for many applications. Choose from a variety of glass or solid panels to make your building project stand out from the rest.

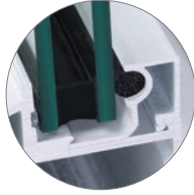


The Quality Garage Door™

EXTERIOR PANEL PROFILES



Full-View. Sleek and smooth aluminum frame that allow panoramic views.





Improved window and solid panel aluminum retainer design.

SECTION CONSTRUCTION

- Sections are 2 inches thick, and assembled with through bolts at each vertical stile location.
- Finishes are available in clear anodized or select one of our 188 RAL powder coat color options.
- Section joints are tongue-and-groove with added bulb seal.
- Insulated and 1/4" tempered glass is available in certain sizes. [Call your distributor for quote.]
- Substitute glass for insulated or non-insulated Aluminum panels.
- Easily replace damaged glass or aluminum panels with removable aluminum retainers.
- Full-View Aluminum window sections match sizes and panel layout of steel sections.
Optional field glazing: 1/8" DSB, 1/8" polycarbonate, 1/8" tempered, 1/4" tempered, 1/2" insulated glass, or 1/2" tempered insulated glass as required. Consult factory for additional glazing options.

Full-View Aluminum Model Comparison Chart

| Model | 3295 | 3297 |
|-----------------------------|---|--|
| Exterior Panel Profile | Full-View | Full-View |
| Section Thickness | 2in. | 2in. |
| Aluminum Solid Panels | Insulated or Non-Insulated are available on all Models. | |
| Insulation Type | N/A  | Polystyrene  |
| Max Size ³ | 24'2" x 20'0" | 24'2" x 20'0" |
| Optional Features | | |
| Finish ¹ | Clear Anodized is available on all Models. | |
| Powder Coating ¹ | 188 Colors are available on all Models. | |
| Windows | Available on all Models. | |
| Glass ² | Plain ² , Frosted ² , Tinted, Obscure are available on all Models. | |
| Warranty | 10 Year Warranty available on all Models. | |

¹ Refer to your local Dealer for exact color or finish match. ² Special glass options available, check website for new options. ³ Laminated options available for Plain and Frosted glass.

WINDOWS A great way to provide visibility and natural lighting. Complete the look and functionality of your building with our window options.



Full-View Aluminum



WANT TO SEE MORE?

Visit chiohd.com/commercial-doors/full-view-aluminum

FINISH¹



Clear Anodized

SUPER DURABLE POWDER COATING¹ All powder coat colors add 1-week lead time.



White

Almond

Sandstone

Brown

Bronze

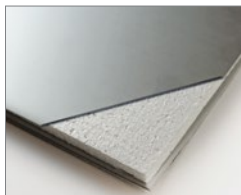
Dark Bronze

Gray

Desert Tan

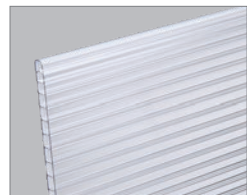
Black

SECTION PANELS



Polystyrene insulation available for solid sectional panels.

SPECIALTY GLASS



In addition to our standard glass offering, customize your door with specialty glass or special materials.

UPGRADE TO SEAMLESS HARDWARE

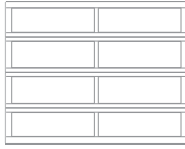


Hinges and track can be upgraded to match powder coated sections, creating a seamless appearance from the interior view.



WANT TO SEE MORE?
Visit: chiohd.com/commercial-doors/full-view-aluminum





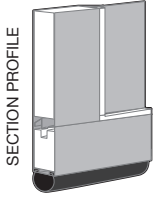
Model 3297

Full-View Aluminum

chiohd.com

1485 Sunrise Dr.
Arthur, IL 61911
Phone: (800) 677-2650

STANDARD FEATURES *24'2" x 16'0" Maximum Dimensions*



- 2" thick sections
- Tongue and groove section joints
- Weather seal on section joint
- 18", 21", and 24" section heights
- Polystyrene insulated stiles and rails
- Through-bolted stiles with c-channel coupling
- 2" center stile
- 2" intermediate rails
- 4" end stile standard to 16'2", 8" end stile optional
- 4" bottom rail standard to 16'2", 8" bottom rail optional
- 4" top rail standard to 20'2", 8" top rail optional
- Available in 3" height increments
- U-shaped bottom astragal with aluminum retainer
- **U-Factor² = 0.88**
- R-Value¹ = 3.07
- Air Infiltration² = 0.42
- STC Rating³ = 27
- Pass door capable

COLORS

CLEAR ANODIZED, POWDER COAT

TRACK

- 15" radius bracket mount track
- Up to 8'0" height - 17 gauge 2" track
- 8'3" to 10'0" height - 16 gauge 2" track
- 10'3" to 14'0" height - 14 gauge 2" track
- Over 14'0" height - 12 gauge 3" track
- Vertical track to be mounted with track brackets, clip mount angle, or continuous jamb angle.
- Horizontal track to be reinforced with 13 gauge angle according to door size and weight.

HARDWARE

- Graduated hinges - 14 gauge
- Top fixtures - 12 gauge
- Bottom fixtures - 13 gauge
- Over 16'2" width - Double end hinges
- Rollers - 10 ball bearing
 - Case hardened steel tire
 - Solid shaft

SPRING COUNTERBALANCE

Torsion springs mounted on a cross header shaft supported by galvanized steel ball-bearing end plates and center bracket[s]. Springs are custom-designed for exact door weight, size, and trajectory according to current ANSI/DASMA 102 standards for a minimum of 10,000 cycles. Counterbalanced with galvanized aircraft quality cables secured to the bottom of the door. 20,000, 50,000, and 100,000 cycle springs are available as an upgrade option.

STRUTTING

Aluminum strutting provided according to door size and design.

SECURITY OPTIONS *No lock is standard*

- Inside slide lock - Torsion spring required

GLAZING *Standard or Tempered Options*

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> • Glazing 1/8" <ul style="list-style-type: none"> - Plain [DSB] - Obscure - Tinted - Polycarbonate[†] | <ul style="list-style-type: none"> • Glazing 1/4" <ul style="list-style-type: none"> - Plain [DSB] - Obscure - Tinted - Clear Laminated[†] - White Laminated[†] | <ul style="list-style-type: none"> • Insulated Glazing 1/2" <ul style="list-style-type: none"> - Plain [DSB] - Obscure - Tinted - Frosted - Low E |
|---|--|--|

ALUMINUM PANELS

- Panels and/or Insulated Panels

FRAMING / INSTALLATION

Torsion spring mounting pads, jamb plates, header plates, and associated track system hangers shall be furnished by other than C.H.I. All installation quality and workmanship is responsibility of contractor and is to be executed in accordance with C.H.I. installation instructions, local and state building codes and work site safety regulations.

¹R-value calculation is in accordance with ANSI/DASMA 163 and ASTM C518 standards.

²Thermal transmittance and air infiltration testing in accordance with ANSI/DASMA 105 and ASTM E283 standards.

³ASTM E90-09, Standard test method for laboratory measurement of airborne sound transmission of building partitions and elements.

[†]Calculations do not account for options including but not limited to windows and/or exhaust ports.

[†]Tempered not available.



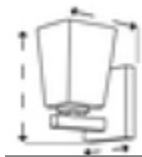
windloadocfinder.chiohd.com

All information presented is based on the specifications and features available at the time the document was created and is subject to change without notice.

| | |
|--|----------------------------------|
| Item # 71251-66 | UPC Code: 747396101842 |
| Product Family Name: Escudilla | Finish: Black |
| Category: OUTDOOR WALL MOUNT | Category Type: |
| Certification 3057374 | |
| Patents: | |
| Notes: | |



Image File Name: 71251-66.jpg



MEASUREMENTS

| | | | |
|---------------------------------|---------------------------------|-------------------------------------|---------------------------------|
| Width: 12 | Length: 12 | Height: 11.75 | Extension: 13.75 |
| Height Adjustable: No | Min Overall Height: | Max Overall Height: | Slope: No |
| Wire Length: 7" | Chain Length: | Safety Cable Included: No | Net Weight: 1.63 |
| Canopy Width: | Canopy Height: | Canopy Length: | Center to Bottom: 5.0 |
| Backplate Width: 5.5 | Backplate Height: 1.0 | Center to Top: 6.75 | |

| | | | | |
|---------------------------------|--------------------------------|-------------------|----------------------------------|--------------------------------|
| No. of Bulbs: 1 | Light Type: A-19,MED | | | |
| Max Bulb Wattage: 100 | Socket: E26,MED | | | |
| Dimmable: Yes | Ballast: | Rated Life Hours: | Photocell Included: No | Bulb/LED Included: N |
| Bulb/LED Included: | Color Temp.: | CRI: | Initial Lumens: | Delivered Lumens: |

| | |
|------------------------------|------------------------------|
| Description: BLACK | Material: ALUMINUM |
| Part No.: | Quantity: 1 |
| Width: 12.0 | Height: 5.0 |
| | Length: 12.0 |



SHIPPING

| | | | |
|-------------------------------|------------------------------------|--|--------------------------|
| Carton Width: 14.25 | Carton Height: 10.5 | Carton Length: 15.75 | |
| Carton Weight: 3.87 | Carton Cubic Feet: 1.364 | Small Package Shippable: Yes | |
| Master Pack Width: | Master Pack Height: | Master Pack Length: | |
| Master Pack Weight: | Master Cubic Feet: | Multi-Pack: 1 | Master Pack: 1 |



Dark Sky



Wet Location



ETL Intertek



WARNING: Handling this product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands with soap and water after installing, handling, cleaning or otherwise touching this product. For more information go to: www.P65Warnings.ca.gov.

For additional information, please contact Customer Care: 1-800-221-7977 | Product depicted on this spec sheet is protected by United States Federal and/or State laws including US Patent, Trademark and/or Copyright and unfair competition laws. Unauthorized reproduction or use carries severe legal penalties.



WEDGE1 LED

Architectural Wall Sconce



Catalog Number

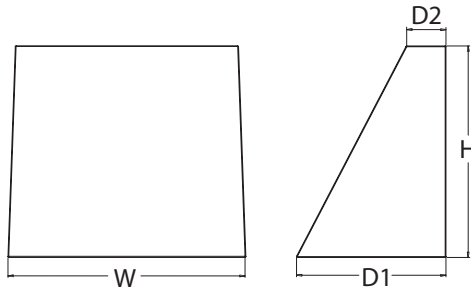
Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

| | |
|-------------------------------------|-------|
| Depth (D1): | 5.5" |
| Depth (D2): | 1.5" |
| Height: | 8" |
| Width: | 9" |
| Weight: (without options) | 9 lbs |



Introduction

The WEDGE1 LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution.

WEDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WEDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details

WEDGE LED Family Overview

| Luminaire | Optics | Standard EM, 0°C | Cold EM, -20°C | Sensor | Approximate Lumens (4000K, 80CRI) | | | | | | |
|------------|----------------------|------------------|----------------|---------------------|-----------------------------------|--------|--------|--------|--------|--------|--------|
| | | | | | P0 | P1 | P2 | P3 | P4 | P5 | P6 |
| WEDGE1 LED | Visual Comfort | 4W | | -- | 750 | 1,200 | 2,000 | -- | -- | -- | -- |
| WEDGE2 LED | Visual Comfort | 10W | 18W | Standalone / nLight | -- | 1,200 | 2,000 | 3,000 | 4,500 | 6,000 | -- |
| WEDGE2 LED | Precision Refractive | 10W | 18W | Standalone / nLight | 700 | 1,200 | 2,000 | 3,200 | 4,200 | -- | -- |
| WEDGE3 LED | Precision Refractive | 15W | 18W | Standalone / nLight | 6,000 | 7,500 | 8,500 | 10,000 | 12,000 | -- | -- |
| WEDGE4 LED | Precision Refractive | | | Standalone / nLight | -- | 12,000 | 16,000 | 18,000 | 20,000 | 22,000 | 25,000 |

Ordering Information

EXAMPLE: WEDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD

| wedge1led | P1 | 30K | 80CRI | VW | MVOLT | SRM |
|------------|----------------|--|----------------|---|---------------------------|---|
| Series | Package | Color Temperature | CRI | Distribution | Voltage | Mounting |
| WEDGE1 LED | P0 P1 P2 | 27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K ¹ 5000K | 80CRI 90CRI | VF Visual comfort forward throw VW Visual comfort wide | MVOLT 347 ² | Shipped included SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) ³ Shipped separately AWS 3/8inch Architectural wall spacer ⁴ PBBW Surface-mounted back box (top, left, right conduit entry) Use when there is no junction box available. ⁴ |

E4WH

Options

| | |
|-------------|---|
| E4WH | Emergency battery backup, Certified in CA Title 20 MAEDBS (4W, 0°C min) ⁵ |
| PE | Photocell, Button Type ⁶ |
| DS | Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details) ⁷ |
| DMG | 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) |
| BCE | Bottom conduit entry for back box (PBBW). Total of 4 entry points. |
| DSLE | Dual Switching (1 Driver, 2 Light Engines) |
| CCE | Coastal Construction ⁴ |

DBLXD

Finish

| | | | |
|--------------|------------------|---------------|---------------------------|
| DDBXD | Dark bronze | DDBTXD | Textured dark bronze |
| DBLXD | Black | DBLTXD | Textured black |
| DNAXD | Natural aluminum | DNATXD | Textured natural aluminum |
| DWHXD | White | DWHGXD | Textured white |
| DSSXD | Sandstone | DSSTXD | Textured sandstone |



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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WEDGE1 LED
Rev. 04/02/25

Accessories

Ordered and shipped separately.

| | |
|-------------------|---|
| WDGEAWS DDBXD | WDGE 3/8inch Architectural Wall Spacer (specify finish) |
| WDGE1PBBW DDBXD U | WDGE1 surface-mounted back box (specify finish) |

NOTES

- 50K not available in 90CRI.
- 347V not available with E4WH, DS, DSLE or PE.
- Not qualified for DLC. Not available with E4WH.
- For PBBW and AWS with CCE option, require an RFA.
- E4WH not available with PE or DS.
- PE not available with DS.
- DS is not available with P0.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

| Performance Package | System Watts | Dist. Type | 27K (2700K, 80 CRI) | | | | | 30K (3000K, 80 CRI) | | | | | 35K (3500K, 80 CRI) | | | | | 40K (4000K, 80 CRI) | | | | | 50K (5000K, 80 CRI) | | | | |
|---------------------|--------------|------------|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|
| | | | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G |
| P0 | 7W | VF | 693 | 99 | 0 | 0 | 0 | 718 | 103 | 0 | 0 | 0 | 739 | 106 | 0 | 0 | 0 | 759 | 108 | 0 | 0 | 0 | 764 | 109 | 0 | 0 | 0 |
| | | VW | 694 | 99 | 0 | 0 | 0 | 720 | 103 | 0 | 0 | 0 | 740 | 106 | 0 | 0 | 0 | 760 | 109 | 0 | 0 | 0 | 766 | 109 | 0 | 0 | 0 |
| P1 | 10W | VF | 1,120 | 112 | 0 | 0 | 0 | 1,161 | 116 | 0 | 0 | 0 | 1,194 | 119 | 0 | 0 | 0 | 1,227 | 123 | 0 | 0 | 0 | 1,235 | 123 | 0 | 0 | 0 |
| | | VW | 1,122 | 112 | 0 | 0 | 0 | 1,163 | 116 | 0 | 0 | 0 | 1,196 | 120 | 0 | 0 | 0 | 1,229 | 123 | 0 | 0 | 0 | 1,237 | 124 | 0 | 0 | 0 |
| P2 | 15W | VF | 1,806 | 120 | 1 | 0 | 0 | 1,872 | 125 | 1 | 0 | 0 | 1,925 | 128 | 1 | 0 | 0 | 1,978 | 132 | 1 | 0 | 0 | 1,992 | 133 | 1 | 0 | 0 |
| | | VW | 1,809 | 120 | 1 | 0 | 0 | 1,876 | 125 | 1 | 0 | 0 | 1,929 | 128 | 1 | 0 | 0 | 1,982 | 132 | 1 | 0 | 0 | 1,996 | 133 | 1 | 0 | 0 |

Electrical Load

| Performance Package | System Watts | Current (A) | | | | |
|---------------------|--------------|-------------|-------|-------|-------|-------|
| | | 120V | 208V | 240V | 277V | 347V |
| P0 | 7W | 0.060 | 0.035 | 0.030 | 0.026 | -- |
| | 9W | -- | -- | -- | -- | 0.026 |
| P1 | 10W | 0.082 | 0.049 | 0.043 | 0.038 | -- |
| | 13W | -- | -- | -- | -- | 0.046 |
| P2 | 15W | 0.132 | 0.081 | 0.072 | 0.064 | -- |
| | 18W | -- | -- | -- | -- | 0.056 |

Lumen Multiplier for 90CRI

| CCT | Multiplier |
|-----|------------|
| 27K | 0.845 |
| 30K | 0.867 |
| 35K | 0.845 |
| 40K | 0.885 |
| 50K | 0.898 |

Lumen Output in Emergency Mode (4000K, 80 CRI)

| Option | Dist. Type | Lumens |
|--------|------------|--------|
| E4WH | VF | 646 |
| | VW | 647 |

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

| Ambient | Lumen Multiplier |
|--------------|------------------|
| 0°C / 32°F | 1.03 |
| 10°C / 50°F | 1.02 |
| 20°C / 68°F | 1.01 |
| 25°C / 77°F | 1.00 |
| 30°C / 86°F | 0.99 |
| 40°C / 104°F | 0.98 |

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

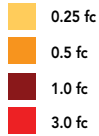
| Operating Hours | 0 | 25,000 | 50,000 | 100,000 |
|--------------------------|-----|--------|--------|---------|
| Lumen Maintenance Factor | 1.0 | >0.96 | >0.95 | >0.91 |



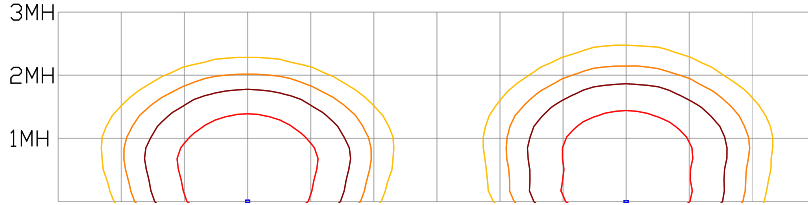
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND



MH = 8ft
Grid = 8ft x 8ft



WDGE1 LED P2 40K 80CRI VW

WDGE1 LED P2 40K 80CRI VF

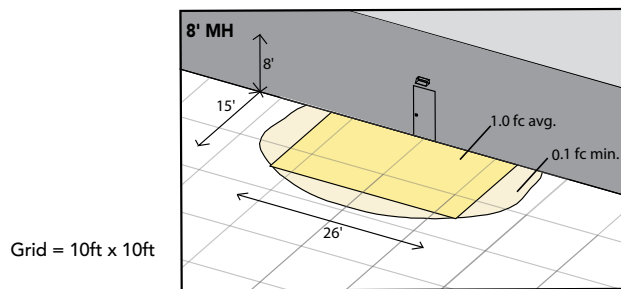
Emergency Egress Options

Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E4WH and VF distribution.

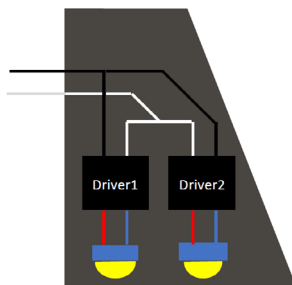


WDGE1 LED xx 40K 80CRI VF MVOLT E4WH

Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark.

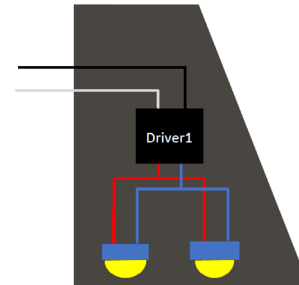
Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9



Dual Switching Light Engine (DSLE) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with one driver and two light engines. These work completely independent to each other so that a failure of either light engine does not cause the whole luminaire to go dark.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9





E4WH – 4W Emergency Battery Backup

D = 5.5"

H = 8"

W = 9"



PBBW – Surface-Mounted Back Box

Use when there is no junction box available.

D = 1.75"

H = 8"

W = 9"



AWS – 3/8inch Architectural Wall Spacer

D = 0.38"

H = 4.4"

W = 7.5"

FEATURES & SPECIFICATIONS

INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

FINISH

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.

INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.

GOVERNMENT PROCUREMENT

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.