

April 24th, 2024

1402 Habersham Street Non-Contributing Addition Victorian District

Project Narrative

Bobbie's, a 1954 prefabricated Mountain View Diner, occupies the corner of Habersham and E. Anderson St. It was relocated from Rome, NY by the Savannah College of Art and Design as part of their food service program. This art-deco inspired diner, though not contributing to the Victorian District, stands out with its reflective, metallic façade and distinctive linear features. The project's goal is to preserve the diner while enhancing its operational capacity by expanding both its kitchen and seating area. This expansion entails enlarging the kitchen towards the rear, adding a covered outdoor dining space, and improving the surrounding site. All new construction elements are meticulously designed to complement the diner's unique style while harmonizing with the Victorian District's visual aesthetics.

The historic diner will undergo necessary maintenance, including applying a stucco coat to its painted concrete block base to visually integrate the proposed addition with the existing structure. Additionally, the diner's stairs will be replaced with code-compliant ones, and one of its metal awnings will be relocated to the kitchen addition.

In line with many historic pre-fabricated diners, a kitchen addition is proposed at the rear. This simple stucco addition will be dark gray to contrast with the diner's reflective metallic façade. Instead of a window, a metal louvered panel will adorn the addition's street-facing façade, which will also feature horizontal stucco banding aligning with the diner's linear elements. The façade will incorporate a parapeted roof to conceal future mechanical equipment. Additional screening for mechanical equipment will be installed as necessary, following confirmation of specific equipment. A mechanical area will protrude slightly from the diner's secondary façade, screened with a painted wood slat fence and metal posts.

To expand seating, a raised, covered patio is proposed along the diner's secondary façade. Supported by round steel posts, a composite fascia roof with an integral gutter will cover this patio, featuring curved linear elements to complement the diner's art deco design. The matte curved fascia pays homage to the historic diner's metallic façade while allowing it to remain prominent. Surrounding the patio, a curved metal rail will connect each column, with the base of the raised patio finished in stucco to match the existing building's base. Perforated metal panels will screen the seating area from the adjacent parking lot.

The proposed sitework focuses on enhancing accessibility and complementing the new additions. A short perforated metal fence will enclose a small patio seating area at the front, while surrounding hardscape will be replaced with landscaping or cementitious pavers. A code-compliant ramp parallel to the addition will be provided at the rear, screened by a proposed wood slat and metal post fence. The concrete sidewalk surrounding the building will be replaced with city-specified brick pavers, and additional tree lawns

will be incorporated. Finally, a trash enclosure matching the adjacent existing fence will be constructed off the lane.

Sincerely,

Andrew S. Lynch, AIA, LEED AP

Principal



SCAD BOBBIE'S ADDITION

1402 HABERSHAM STREET | SAVANNAH, GA 31401

PIN #20053 20013





HPC SUBMISSION
April 24th, 2024



View of existing building from Habersham Street



View of existing sign from Anderson Street



View of existing building from Anderson Street



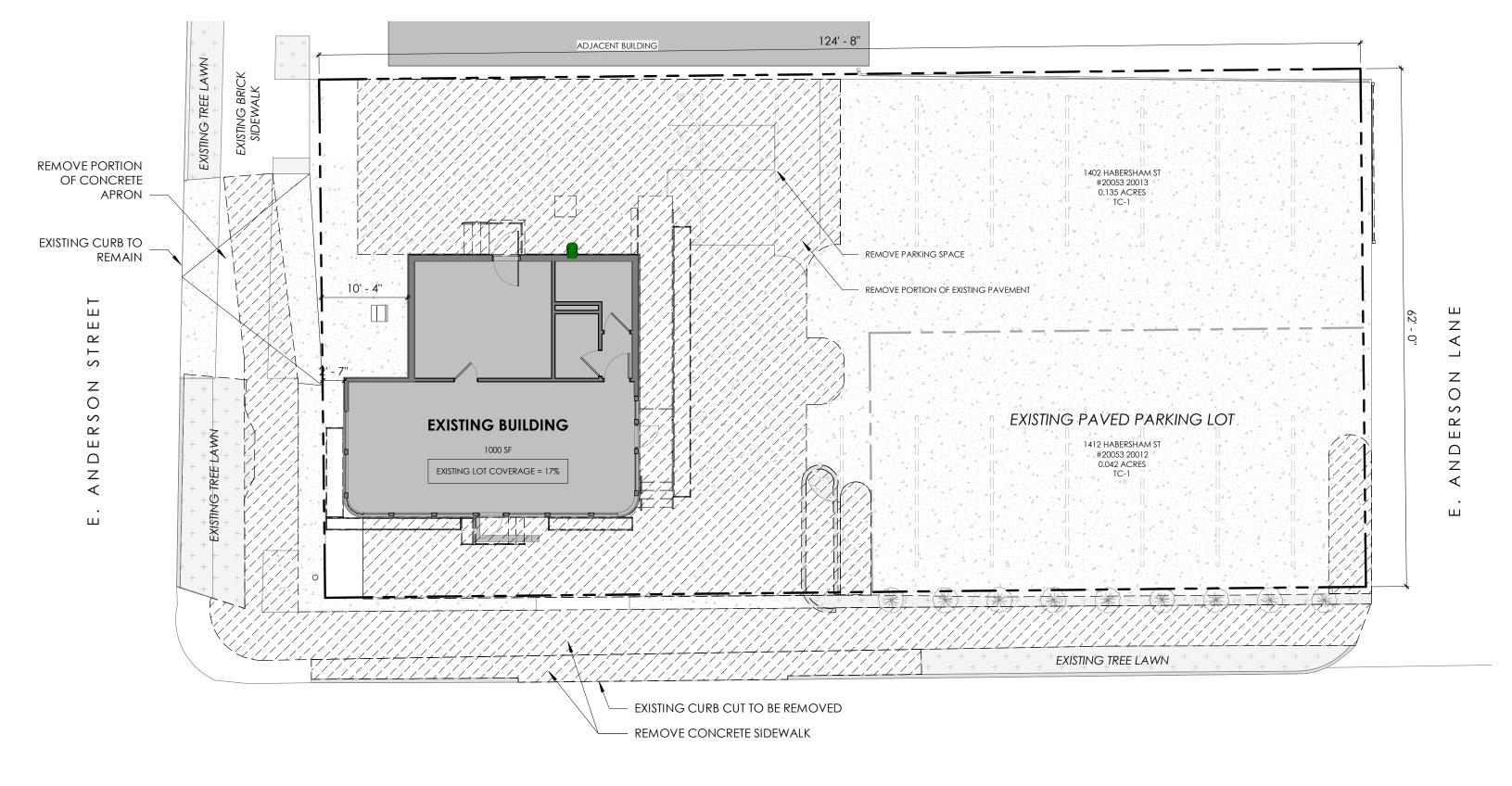
View of existing building from Anderson Street



View of existing building from parking lot



View of existing building from parking lot

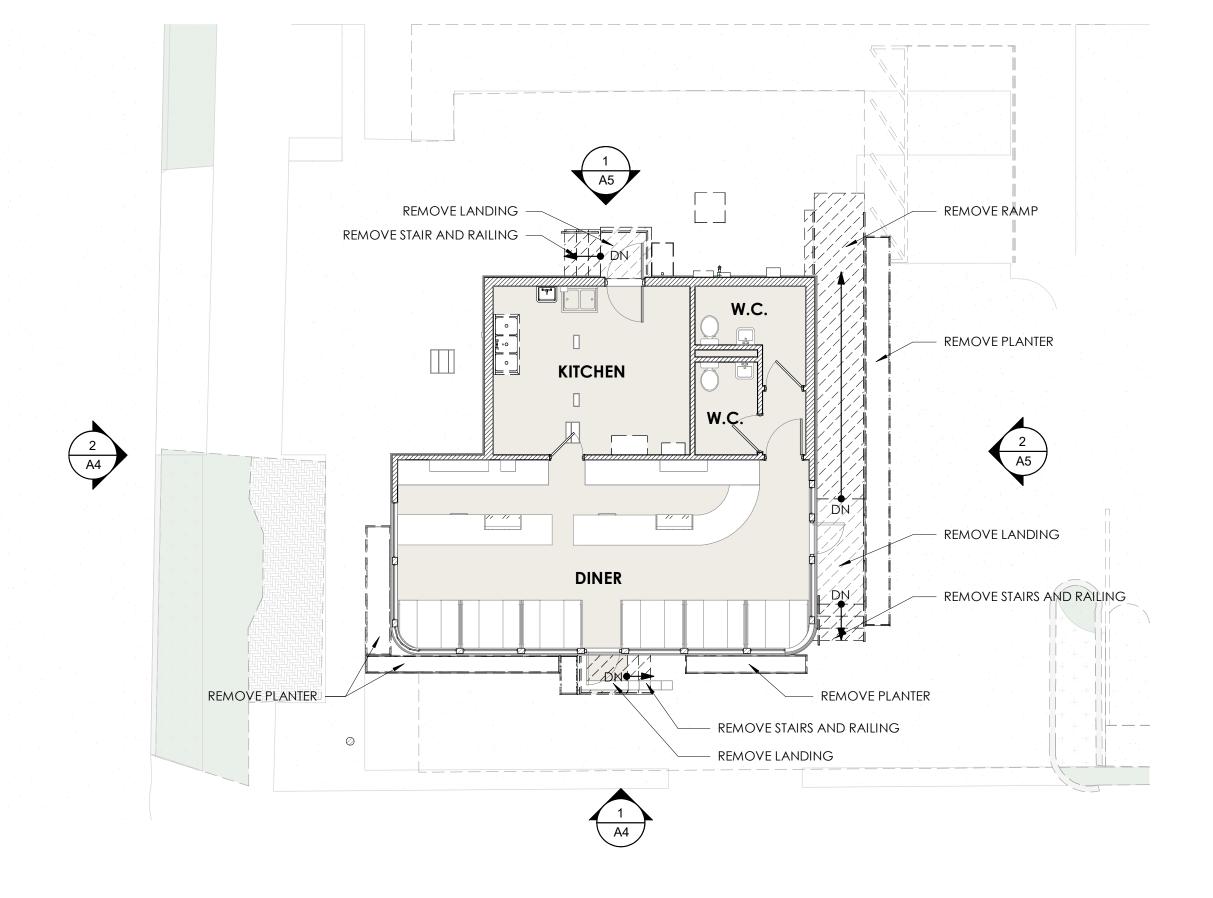


HABERSHAM STREET



SCALE: 3/32" = 1'-0"

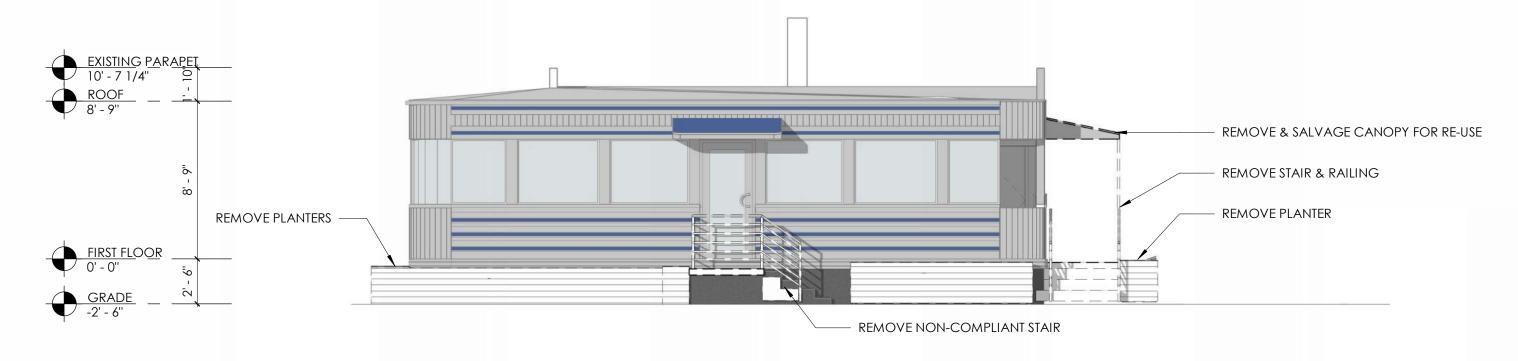




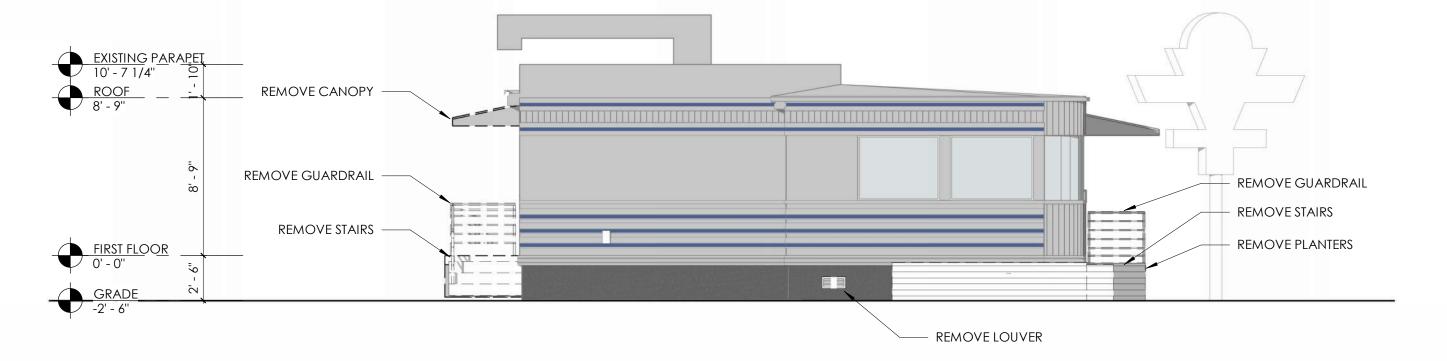


SCALE: 1/8" = 1'-0"





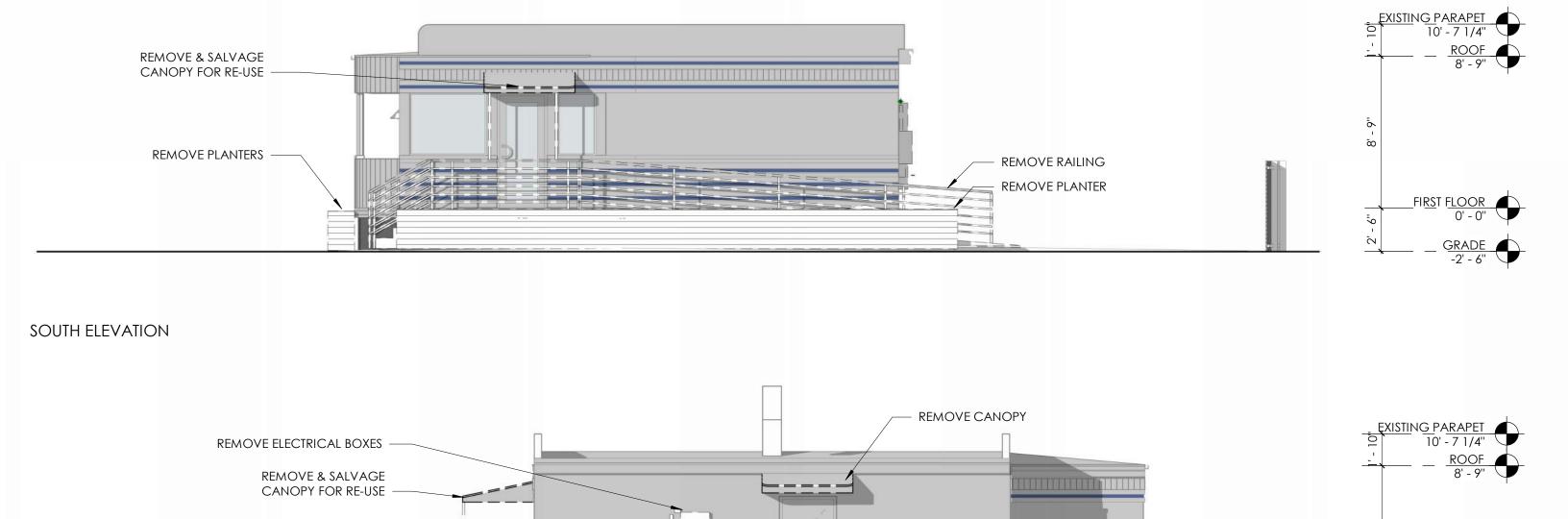
WEST ELEVATION



NORTH ELEVATION

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





EAST ELEVATION

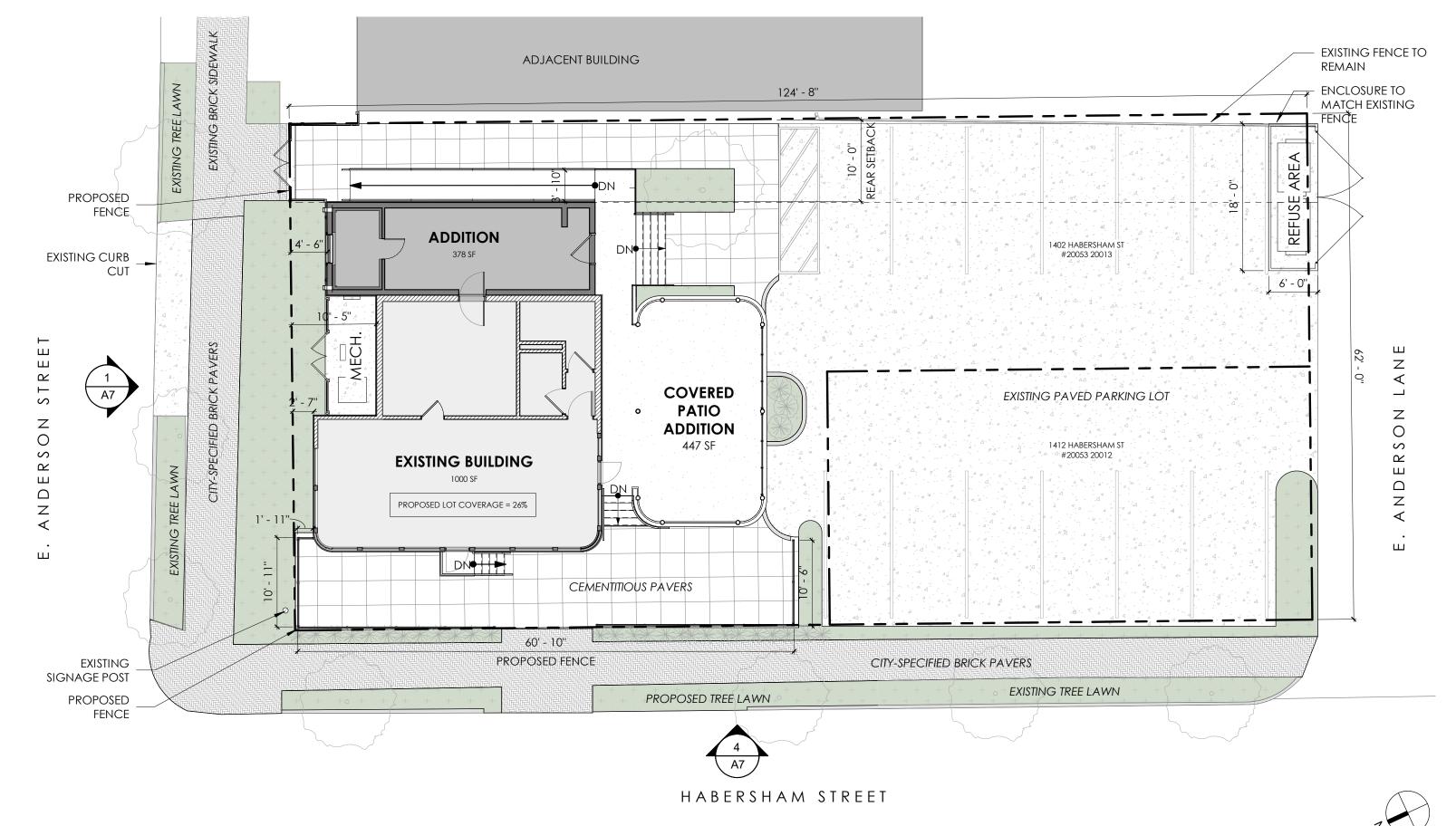
SCALE: 3/16" = 1'-0"



REMOVE PLANTER

FIRST FLOOR

REMOVE PLANTERS



SCALE: 3/32" = 1'-0"



PROPOSED SITE PLAN

SCAD BOBBIE'S ADDITION
1402 HABERSHAM STREET | SAVANNAH, GA 31401

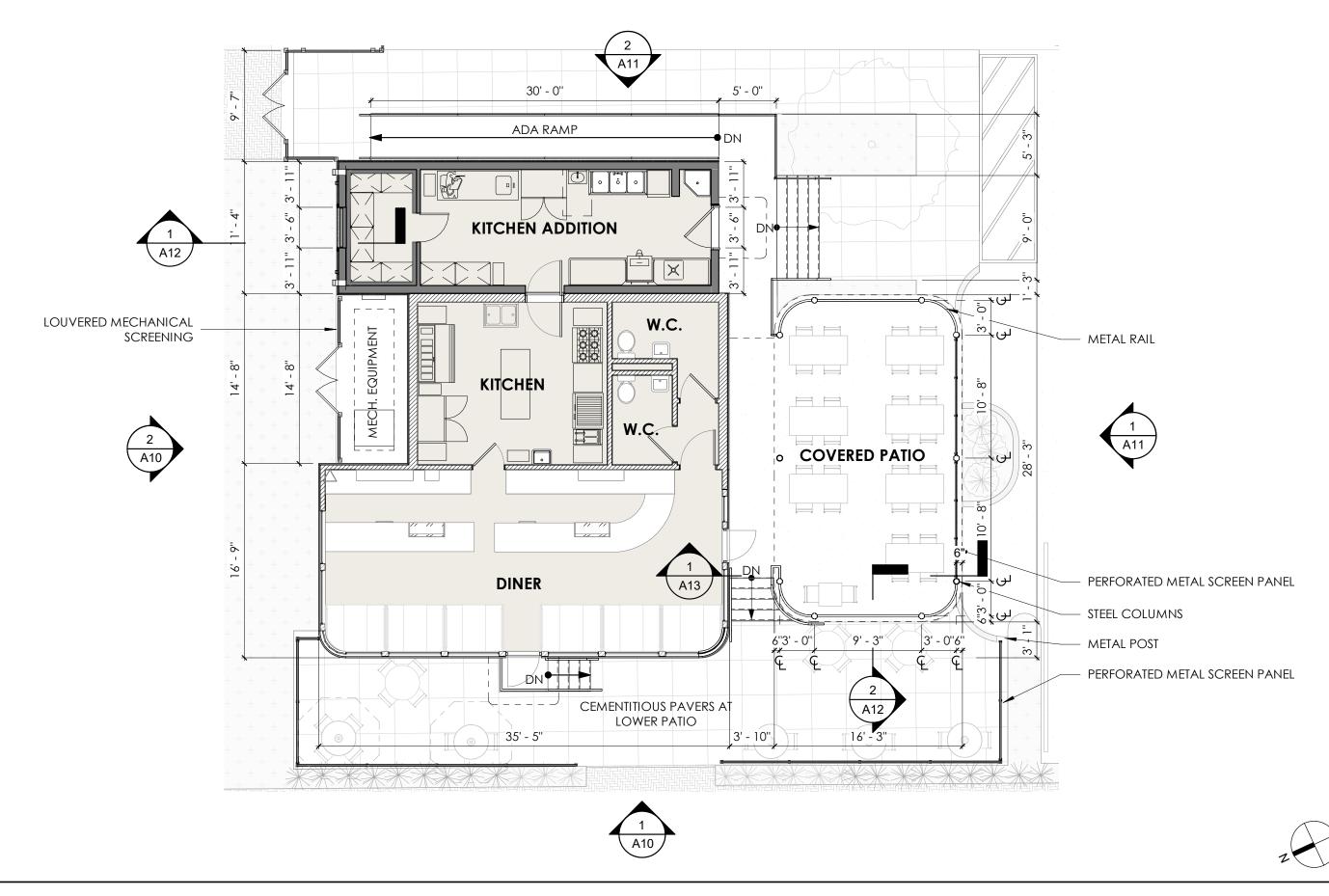
April 24th, 2024



HABERSHAM STREET

SCALE: 3/32" = 1'-0"

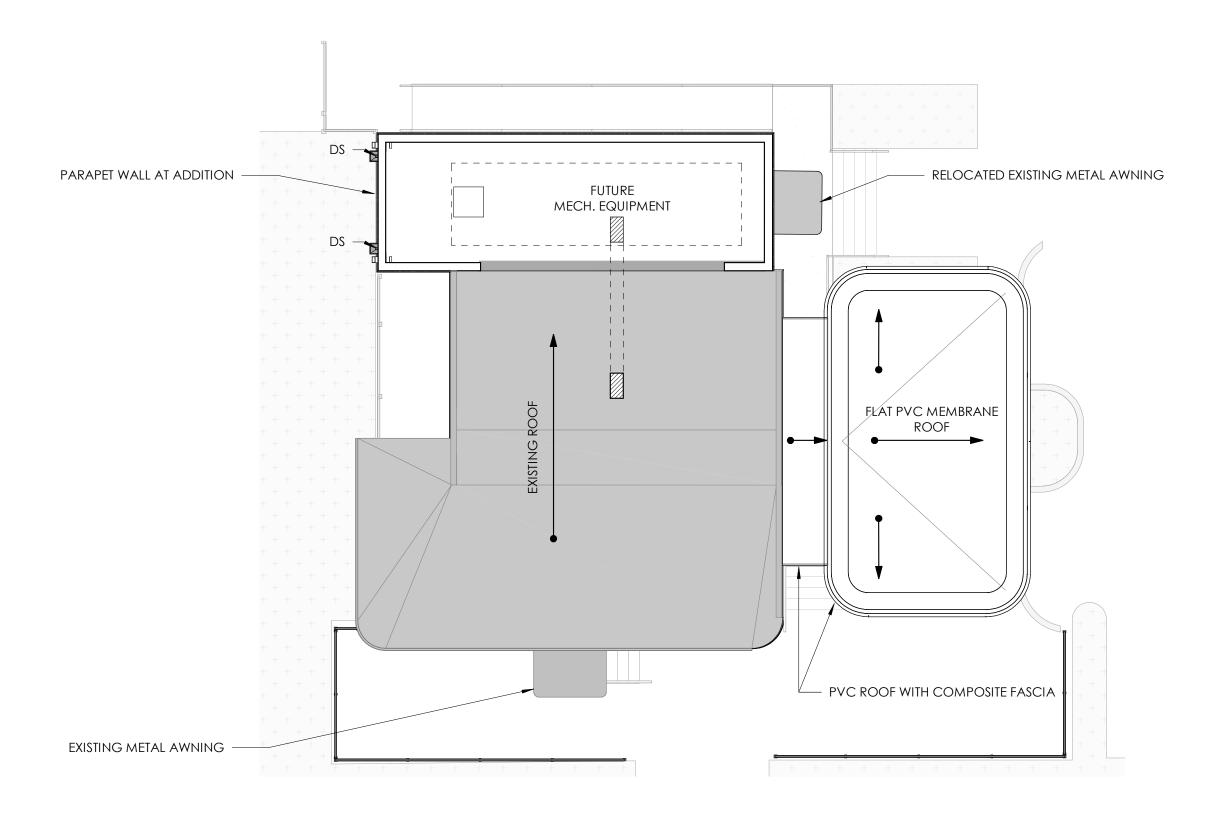




SCALE: 1/8" = 1'-0"

associates La architects FLOOR PLAN SCAD BOBBIE'S ADDITION

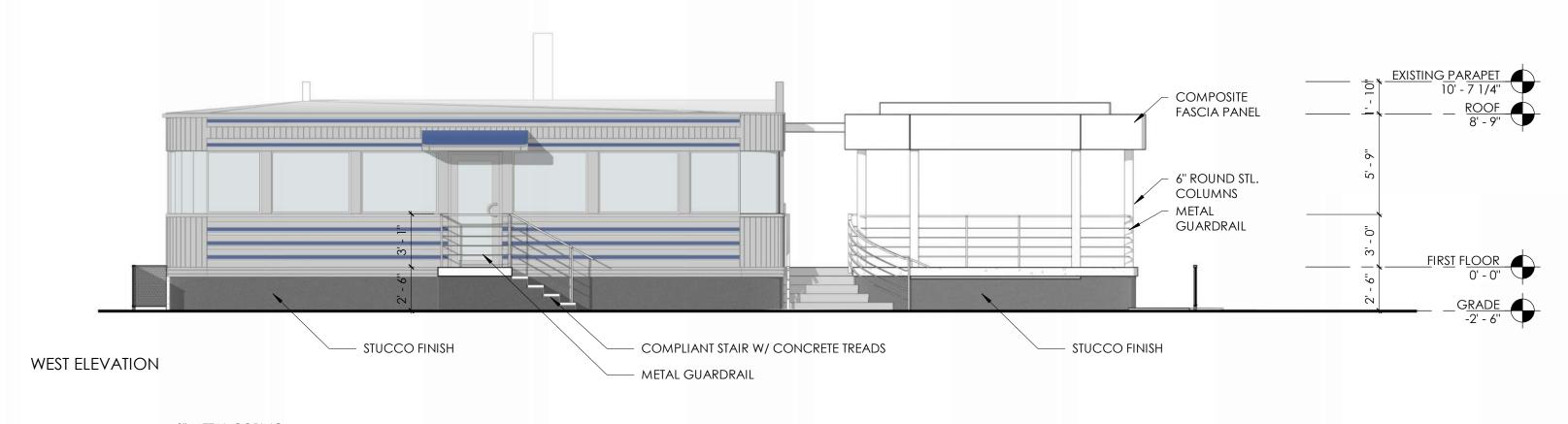
April 24th, 2024

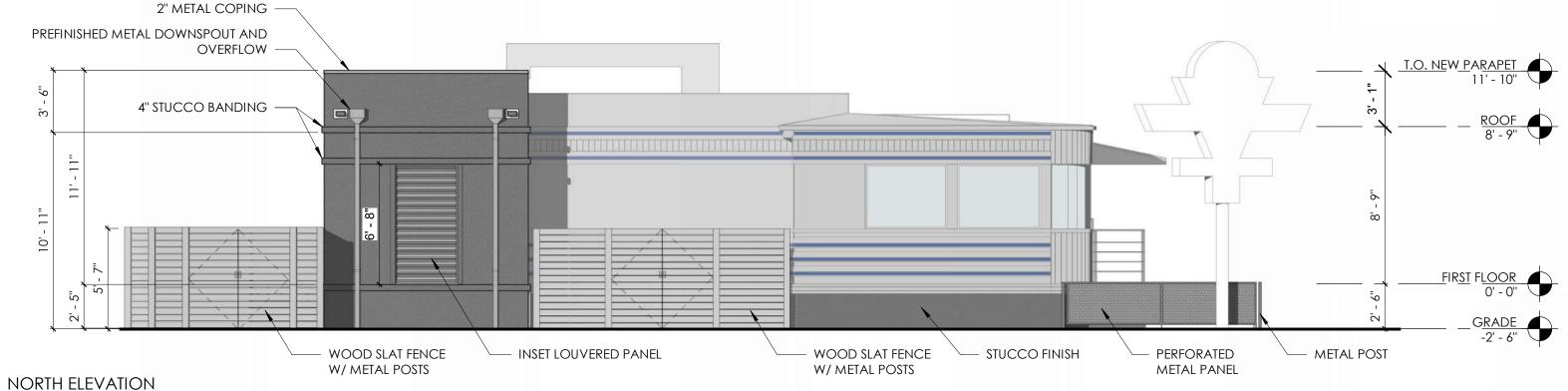




SCALE: 1/8" = 1'-0"







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

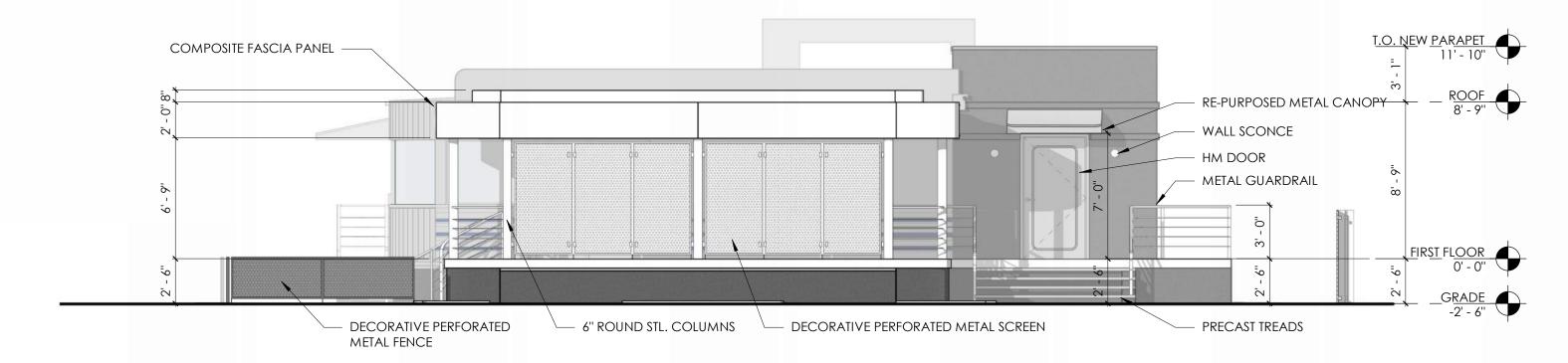


ELEVATIONS

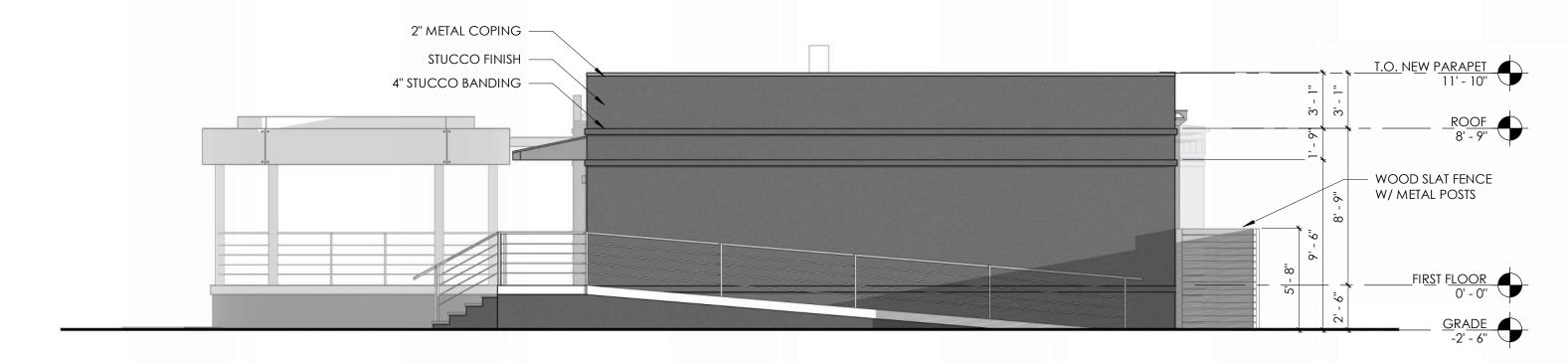
SCAD BOBBIE'S ADDITION

1402 HABERSHAM STREET | SAVANNAH, GA 31401

April 24th, 2024



SOUTH ELEVATION



EAST ELEVATION

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

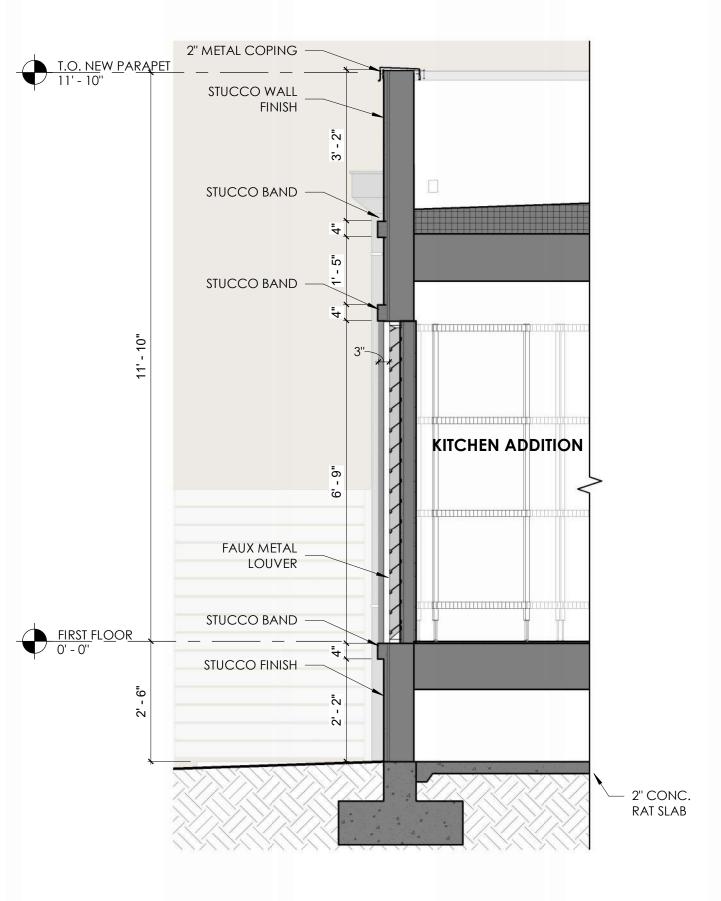


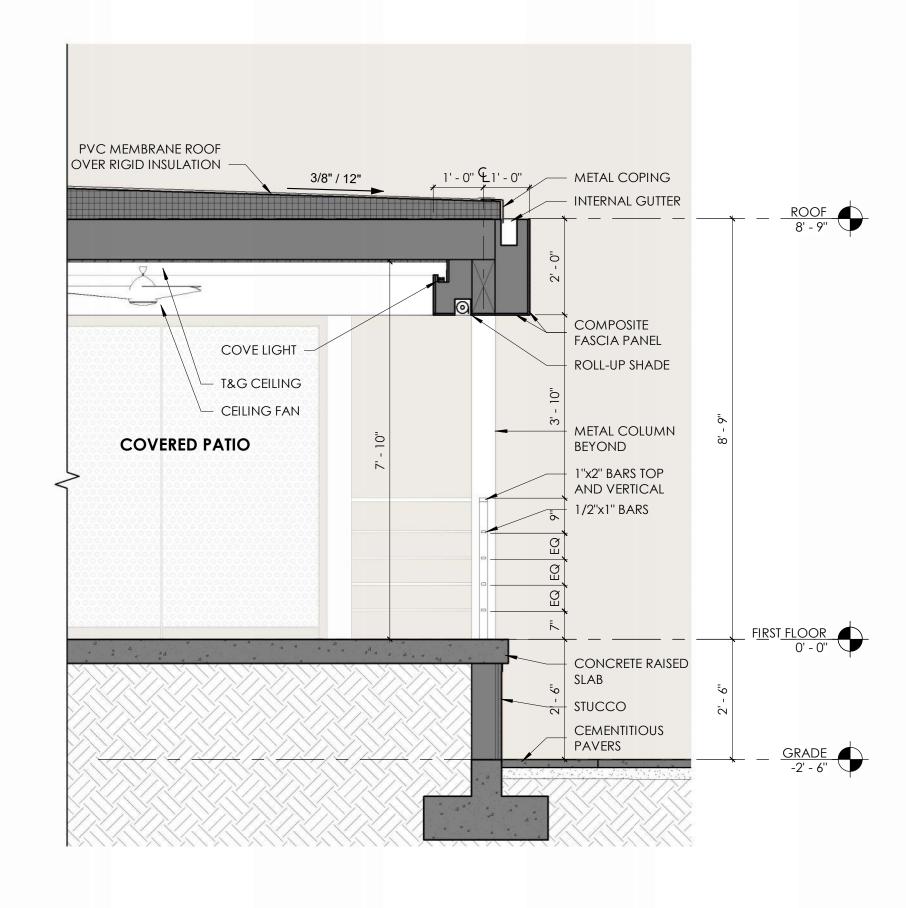
ELEVATIONS

SCAD BOBBIE'S ADDITION

1402 HABERSHAM STREET | SAVANNAH, GA 31401

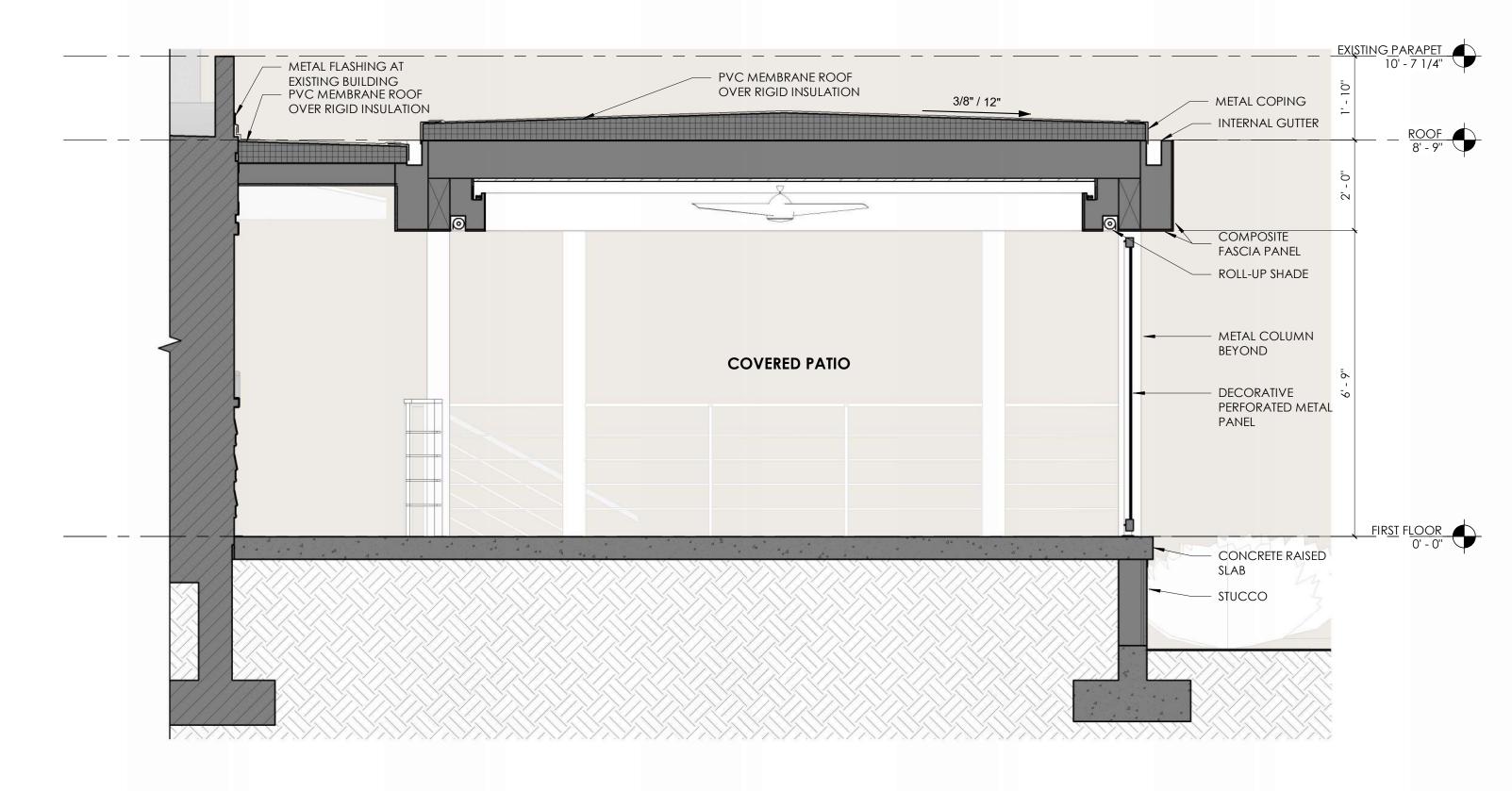
April 24th, 2024





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





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





High Performance Stationary Louver | Drainable Blade

RELIÆLE

Roll Formed Steel

APPLICATION

The 4375FD is a high performance stationary louver with drainable blades and roll formed steel with economical galvanized steel construction. In addition, this louver has low pressure drop and water penetration with architecturally styled hidden mullions allowing for a continuous line appearance.

I STANDARD CONSTRUCTION

Frame	4" (102) deep, 16 (1.5) gauge galvanized steel.						
Blades	16 (1.5) gauge galvanized steel. Drain able blades are positioned at 37 1/2° angle and spaced approximately 3 1/2" (89) center to center.						
Screen	1/2" mesh x 19 (1.1) gauge galvanized bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.						
Finish	Mill.						
Minimum Size	12"w x 12"h (305 x 305).						
Approximate Shipping Weight	7 lbs. per sq. ft.						
Maximum Factory Assembly Size	120"w x 90"h (3048 x 2286) or 90"w x 120"h (2286 x 3048). Louvers larger than the maximum factory assembly size will require field assembly of smaller sections.						

FEATURES

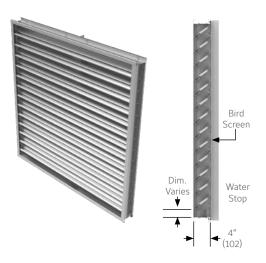
- Published performance ratings based on testing in accordance with AMCA Publication 511
- Beginning of water penetration at .01 oz/sq ft. is 961 fpm (274 m/min)
- Drain gutters in each blade and downspouts in jambs and mullions to drain water from louver for minimum water cascade from blade to blade.
- · Economical galvanized steel construction
- 51% Free Area

VARIATIONS

Variations to the basic design of these louvers are available at additional cost. They include:

- · Extended sill
- · Stainless steel constructions
- Hinged frame
- · Front or rear security bars
- Filter racks
- · Single/double doors
- Blank off panels
- · A variety of bird and insect screens
- Selection of finishes: baked enamel (modified fluoropolymer), epoxy, PVDF, Acrodize and Prime coat
- Selection of finishes: prime coat, 50% PVDF (modified fluoropolymer), epoxy, Pearledize, 70% PVDF, clear and color anodize. (Some variation in anodize color consistency is possible)

Consult Reliable for other special requirements.

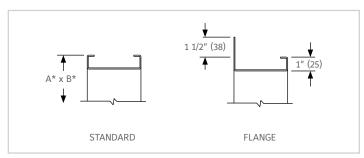








FRAME CONSTRUCTION



Note

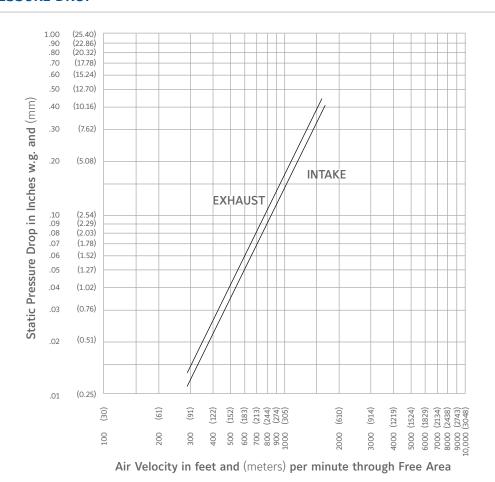
- Dimensions in inches, parenthesis () indicate millimeters.
- Units can be furnished actual size or with size deducts.

I FREE AREA GUIDE

Free Area Guide shows free area in ft^2 and m^2 for various sizes of 4375FD.

								1	Width •	- Inche	es and	Meter	S							
		12 0.30	18 0.45	24 0.60	30 0.75	36 0.90	42 1.05	48 1.20	54 1.35	60 1.50	66 1.65	72 1.80	78 1.95	84 2.10	90 2.25	96 2.40	102 2.55	108 2.70	114 2.85	120 3.00
	12 0.30	0.28 0.03	0.45 0.04	0.62 0.06	0.79 0.07	0.96 0.09	1.13 0.10	1.30 0.12	1.47 0.14	1.64 0.15	1.81 0.17	1.98 0.18	2.15 0.20	2.32 0.22	2.49 0.23	2.66 0.25	2.83 0.26	3.00 0.28	3.17 0.29	3.34 0.31
	18 0.45	0.52 0.05	0.84 0.08	1.16 0.11	1.48 0.14	1.80 0.17	2.11 0.20	2.43 0.23	2.75 0.26	3.07 0.29	3.39 0.32	3.71 0.35	4.03 0.37	4.35 0.40	4.67 0.43	4.99 0.46	5.31 0.49	5.63 0.52	5.94 0.55	6.26 0.58
	24 0.60	0.76 0.07	1.23 0.11	1.70 0.16	2.17 0.20	2.63 0.24	3.10 0.29	3.57 0.33	4.04 0.38	4.51 0.42	4.98 0.46	5.44 0.51	5.91 0.55	6.38 0.59	6.85 0.64	7.32 0.68	7.79 0.72	8.25 0.77	8.72 0.81	9.19 0.85
	30 0.75	1.00 0.09	1.62 0.15	2.24 0.21	2.86 0.27	3.47 0.32	4.09 0.38	4.71 0.44	5.33 0.50	5.94 0.55	6.56 0.61	7.18 0.67	7.80 0.72	8.41 0.78	9.03 0.84	9.65 0.90	10.37 0.95	10.88 1.01	11.50 1.07	12.12 1.13
	36 0.90	1.27 0.12	2.05 0.19	2.83 0.26	3.61 0.34	4.39 0.41	5.17 0.48	5.95 0.55	6.74 0.63	7.52 0.70	8.30 0.77	9.08 0.84	9.86 0.92	10.64 0.99	11.42 1.06	12.20 1.13	12.98 1.21	13.76 1.28	14.54 1.35	15.32 1.43
	42 1.05	1.51 0.14	2.44 0.23	3.37 0.31	4.30 0.40	5.23 0.49	6.16 0.57	7.09 0.66	8.02 0.75	8.95 0.83	9.88 0.92	10.81 1.01	11.74 1.09	12.67 1.18	13.60 1.26	14.53 1.35	15.46 1.44	16.39 1.52	17.32 1.61	18.25 1.70
ers	48 1.20	1.75 0.16	2.83 0.26	3.91 0.36	4.99 0.46	6.07 0.56	7.15 0.66	8.23 0.77	9.31 0.87	10.39 0.87	11.47 1.07	12.55 1.17	13.62 1.27	14.70 1.37	15.78 1.47	16.86 1.57	17.94 1.67	19.02 1.77	20.10 1.87	21.18 1.97
and Meters	54 1.35	2.00 0.19	3.22 0.30	4.45 0.41	5.68 0.53	6.91 0.64	8.14 0.76	9.37 0.87	10.59 0.99	11.82 1.10	13.05 1.21	14.28 1.33	15.51 1.44	16.74 1.56	17.96 1.67	19.19 1.78	20.42 1.90	21.65 2.01	22.88 2.13	24.11 2.24
	60 1.50	2.24 0.21	3.62 0.34	4.99 0.46	6.37 0.59	7.75 0.72	9.13 0.85	10.50 0.98	11.88 1.10	13.26 1.23	14.64 1.36	16.01 1.49	17.39 1.62	18.77 1.75	20.15 1.87	21.52 2.00	22.90 2.13	24.28 2.26	25.66 2.39	27.03 2.51
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Height -	72 1.80	2.75 0.26	4.44 0.41	6.13 0.57	7.82 0.73	9.51 0.88	11.20 1.04	12.89 1.20	14.58 1.36	16.27 1.51	17.96 1.67	19.65 1.83	21.34 1.98	23.03 2.14	24.72 2.30	26.41 2.46	28.10 2.61	29.79 2.77	31.48 2.93	33.17 3.08
Hei	78 1.95	2.99 0.28	4.83 0.45	6.67 0.62	8.51 0.79	10.35 0.96	12.18 1.13	14.02 1.30	15.86 1.48	17.70 1.65	19.54 1.82	21.38 1.99	23.22 2.16	25.06 2.33	26.90 2.50	28.74 2.67	30.58 2.84	32.42 3.01	34.25 3.19	36.09 3.36
	84 2.10	3.23 0.30	5.22 0.49	7.21 0.67	9.20 0.86	11.18 1.04	13.17 1.23	15.16 1.41	17.15 1.59	19.14 1.78	21.13 1.96	23.11 2.15	25.10 2.33	27.09 2.52	29.08 2.70	31.07 2.89	33.06 3.07	35.04 3.26	37.03 3.44	39.02 3.63
	90 2.25	3.50 0.33	5.65 0.53	7.80 0.73	9.95 0.93	12.10 1.13	14.26 1.33	16.41 1.53	18.56 1.73	20.71 1.93	22.86 2.13	25.01 2.33	27.17 2.53	29.32 2.73	31.47 2.93	33.62 3.13	35.77 3.33	37.92 3.53	40.08 3.73	42.23 3.93
	96 2.40	3.74 0.35	6.04 0.56	8.34 0.78	10.64 0.99	12.94 1.20	15.24 1.42	17.54 1.63	19.85 1.85	22.15 2.06	24.45 2.27	26.75 2.49	29.05 2.70	31.35 2.92	33.65 3.13	35.85 3.34	38.25 3.56	40.55 3.77	42.85 3.99	45.16 4.20
	102 2.55	3.98 0.37	6.43 0.60	8.88 0.83	11.33 1.05	13.78 1.28	16.23 1.51	18.68 1.74	21.13 1.97	23.58 2.19	26.03 2.42	28.48 2.65	30.93 2.88	33.38 3.10	35.83 3.33	38.28 3.56	40.73 3.79	43.98 4.02	45.63 4.24	48.08 4.47
	108 2.70	4.22 0.39	6.82 0.63	9.42 0.88	12.02 1.12	14.62 1.36	17.22 1.60	19.82 1.84	22.42 2.08	25.02 2.33	27.62 2.57	30.22 2.81	32.81 3.05	35.41 3.29	38.01 3.54	40.61 3.78	43.21 4.02	45.81 4.26	48.41 4.50	51.01 4.74
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	120 3.00	4.73 0.44	7.64 0.71	10.56 0.98	13.47 1.25	16.38 1.52	19.29 1.79	22.20 2.06	25.11 2.34	28.03 2.61	30.94 2.88	33.85 3.15	36.76 3.42	39.67 3.69	42.58 3.96	45.50 4.23	48.41 4.50	51.32 4.77	54.23 5.04	57.14 5.31

PRESSURE DROP



Ratings do not include the effect of a bird screen.

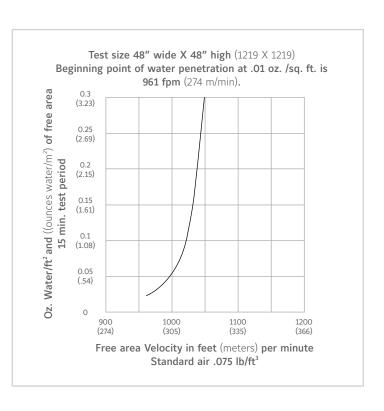
■ WATER PENETRATION GRAPH

AMCA Standard 500 provides a reasonable basis for testing and rating louvers. Testing to AMCA 500 is performed under a certain set of laboratory conditions. This does not guarantee that other conditions will not occur in the actual environment where louvers must operate.

The louver system should be designed with a reasonable safety factor for louver performance. To ensure protection from water carry-over, design with a performance level somewhat below maximum desired pressure drop and .01 oz./sq. ft. of water penetration.



Reliable Products certifies that the 4375FD Louvers shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance ratings and water penetration ratings only.



SUGGESTED SPECIFICATION

Furnish and install louvers as hereinafter specified where shown on plans or as described in schedules. Louvers shall be stationary drainable type entirely contained within a 4" (102) frame. Louvers shall include a drain gutter in each blade and downspouts in jambs and mullions. Louver components (heads, jambs, sills, blades, and mullions) shall be factory assembled by the louver manufacturer. Louver sizes too large for shipping shall be built up by the contractor from factory assembled louver sections to provide overall sizes required. Louver design shall limit span between visible mullion to 10 (3) feet and shall incorporate structural supports required to withstand a wind load of 30 lbs. per sq. ft. (1.44kPa) equivalent of a 110 mph (177 kph) wind - specifier may substitute any loading required).

Louvers shall be Reliable Model 4375FD construction as follows:

16 gauge (1.5) galvanized steel. Frame:

16 gauge (1.5) galvanized steel at 37 1/2° angle on approximate 3 1/2" (89) centers. Blades:

Screen: 19 gauge (1.1) galvanized 1/2" (13) mesh screen.

Select finish specification from Reliable Finishes Brochure. Finish:

Published louver performance data bearing the AMCA Certified Ratings Seal for Air Performance & Water Penetration must be submitted for approval prior to fabrication and must demonstrate pressure drop and water penetration equal to or less than the Reliable model specified.



Document Title

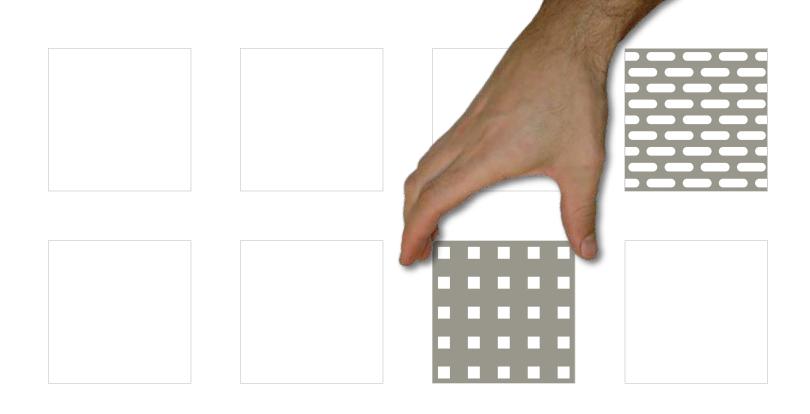
Finishes and Color Guide

Limited Warranty Document



1300 Enterprise Road, P.O. Box 580, Geneva, Alabama 36340 Tel: 334-684-3621 Tel: 800-624-3914

Fax: 800-508-1469

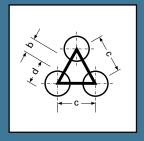


architectural applications

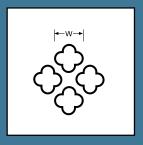


Accurate Perforating is a leader in providing perforated materials to OEM manufacturers and the architectural design industry. As the use of perforated materials broadens in building construction,

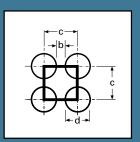
collaborate with Accurate daily
for fresh ideas and leading-edge
technology. Our partnerships
with designers have introduced
the use of new materials and
fabrication methods in industrial,
commercial and residential buildings.



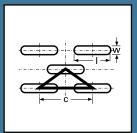




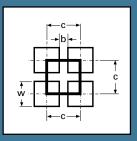
ornamental holes



round holes straight



slot holes

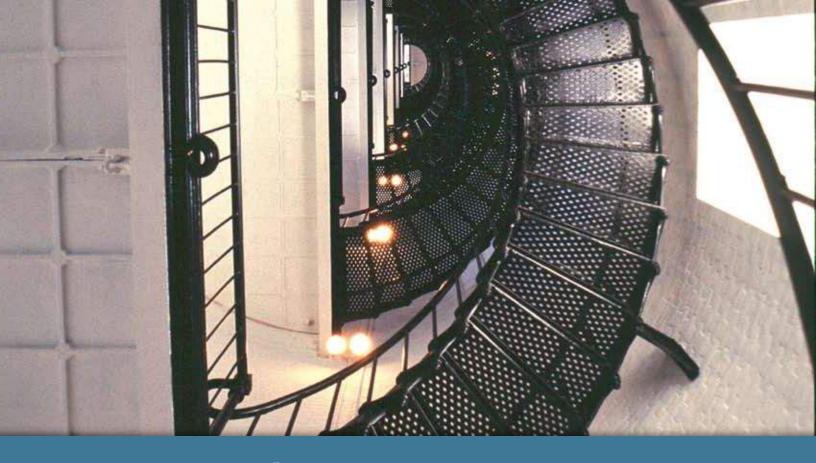


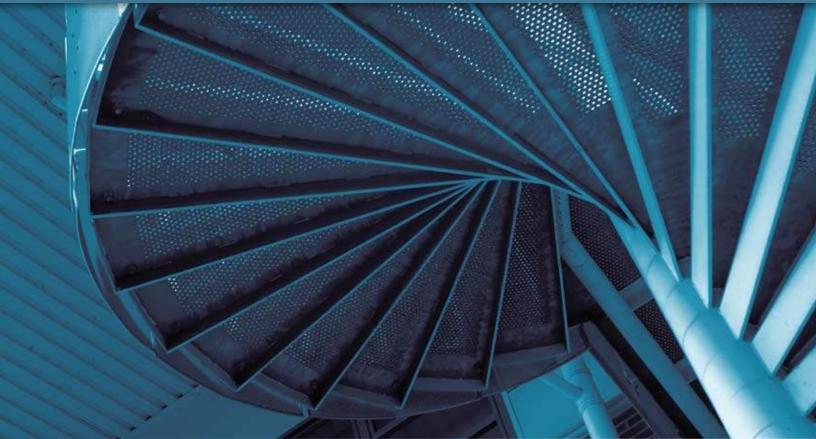
square holes

Buildings all over the world benefit from the shade provided by perforated sunscreens. In addition, where unsightly parking garages, HVAC units, trash dumpsters, roadways and more are in view, perforated metal is the right choice given the variety of materials available and its durability from the weather, graffiti, and general wear and tear.

SIIISCIPEIIS









From lightweight decorative elements and balcony railings to load-bearing structural components, we are prepared to work within your design aesthetic and engineering requirements.

decorative elements







subways benefit from our collaboration with acoustical designers.

For more information, or to request samples, please visit www.accurateperforating.com or call us at 1.800.621.0273.







Our materials are used in a wide range of interior applications for residential and commercial use, including railings, privacy screens, sunscreens, seating and lighting enclosures. Perforated elements provide the perfect balance between strength and lightness.

For more information, or to request samples, please visit www.accurateperforating.com or call us at 1.800.621.0273.







mounting holes

Rather than drilling or using the existing perforations to attach perforated panels to a frame or structure we can selectively place mounting holes, slots or other features in solid margin areas. The photo shows a recessed mounting hole being used so that the head of the wood screw used would mount flush against the perforated part.



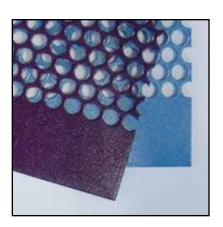
corrugating

Corrugating is the process of forming or ribbing a flat sheet of material into a consistent, symmetrical profile to increase that material's strength to weight ratio up to 30% over the conventional material. The profiles available to your application depend upon your perforation pattern, material thickness, and material type. Minimum orders apply.



forming and radiusing

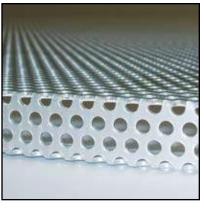
Simple 90 degree bends or more complex forms can be added to assist with framing or where sharp edge safety is a concern. Certain sizes of panels can also be radius rolled as shown when your design does not lend itseft to flat panels.



powder coating

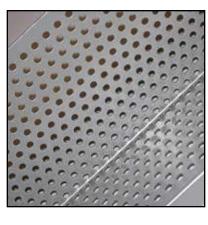
Powder coating is the technique of applying dry paint to a part. The final cured coating is the same as a 2-pack wet paint. In normal wet painting such as house paints, the solids are in suspension in a liquid carrier, which must evaporate before the solid paint coating is produced.

In powder coating, the powdered paint is electrostatically charged and sprayed onto the part. The part is then placed in an oven and the powder particles melt and coalesce to form a continuous film. A variety of powder types and colors are available. Custom colors can be matched.



anodizing

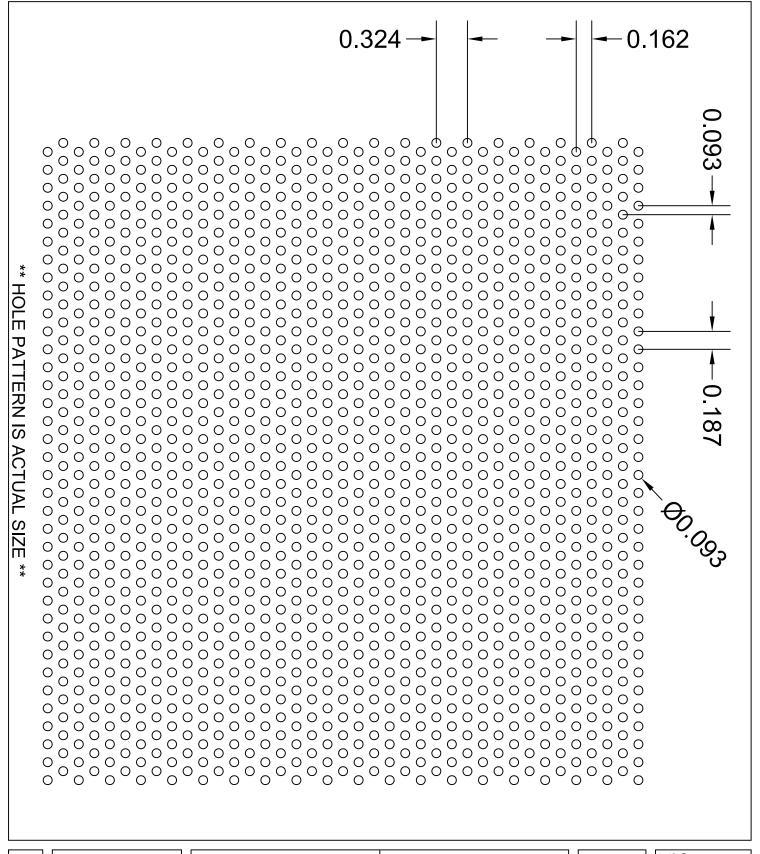
Anodizing is the deposition of a thin film of synthetic oxide on a light metal, such as aluminum, to prevent the further access of air to the surface, preserving the luster and preventing corrosion. The article is made to anode in a 3% solution of cromic acid at about 104 degrees F. The voltage is gradually increased to a maximum of 50 volts and the process may take an hour. Sulphuric and oxalic acid processes are also used, and the anodic film may be dyed various colors.



Kynar[®]

For more than 30 years, finishes based on Kynar 500® PVDF resin have helped protect commercial, industrial, and residential buildings around the world. Kynar 500® is a special grade of PVDF resin used by licensed industrial paint manufacturers as the base resin in long-life coatings for aluminum, galvanized steel, and aluminized steel in applications such as metal roofing and siding, window and door frames, curtain wall and other miscellaneous metal trim and components. Custom color matching is available in addition to a number of standard colors. (Part shown in silver.)

Quantity. State the number of perforated pieces or sq. ft. of coverage required.
Quantity. State the number of perforated pieces of 3q. 18 e. Quantity. State the number of perforated pieces of 3q. 18 e. Thickness. Specify in gage numbers or in decimal inches, i.e. 1/4" thick, 16GA, .040", etc.
Thickness. Specify in gage numbers or in decimal many. Thickness. Specify in gage numbers or in decimal many. Metal. State type of metal required, i.e. aluminum, stainless steel, copper, galvanized, etc. Metal. State type of metal required, i.e. aluminum, stainless steel, copper, galvanized, etc.
Metal. State type of metal required, i.e. aluminum, statistics Width & Length. Unless otherwise specified, the length will be the long dimension of sheet.
Width & Length. Unless otherwise specified, the patterns page on our web site at
☐ Width & Length. Unless otherwise open Perforation Configuration. Refer to the patterns page on our web site at Www.accurateperforating.com for pattern codes or use the following checklist items Www.accurateperforating.com for pattern codes or use the following checklist items
to describe your needs. Perforation Size. Specify the size of perforated hole in inches, i.e125", .375", .500", etc.
Perforation Size. Specify the size of periodices Perforation Shape. See the various types shown on the "Basic Patterns" page. Perforation Shape. See the various types shown on the "Basic Patterns" page.
Arrangement of Perforations. Specify staggered
Normally the straight low of a stage
Spacing of Perforations. This can be specified as the distance between percent of open area or, in the case of small holes, as the number of holes per square inch. Solid Margins. If margins on the perforated sheet are not important, specify
"minimum or no margins.
L Ward northrations - Spoons
is parallel to the long of short and short and short are speed quotations. A drawing of your part or job is always preferred to speed quotations.



RS027

48S.004UNF, 48S.004FIN 60S.004UNF, 60S.004FIN

48S 003UNF , 48S 003FIN

Tooling Notes:

48S.005UNF , 48S.005FIN 48S.006FIN , 60S.006FIN 60H.006FIN ,48H.010FIN

60H.011UNF

PATTERN TYPE	Round Staggered
SIZE x CENTERS	.093" x .187"
OPEN AREA	23 %

ACCUTATE
PERFORATING
3636 S. KEDZIE AVE.
CHICAGO, IL 60632
ph) 800.621.0273
fax) 773.254.9453
www.accurateperforating.com

Crisp Sconce

Sconces



50 Greene St New York NY 10013 T +1 212 388 1621 sales@rbw.com



For 2D & 3D drawings of all products, including CAD, Revit and IES files, please visit rbw.com

Generate Date: Wed Mar 27 2024

DESCRIPTION

Crisp's simple, iconic design is suitable for both wall and ceiling installation, indoors and outdoors. The solid glass shade, offered in a range of finishes, is distinguished by its scored surface, adding a subtle textural detail to the environment.

MATERIALS

Cast solid glass, aluminum

COLLECTION NOTES

Luminaire lumens listed are for AC input TRIAC control. DC input performance please see photometry downloads. Each form of cast glass is unique. We review each to ensure they conform to ASTM standards, which includes the presence of small air bubbles within the glass.

PERFORMANCE

Delivered Lumens 550 lm (Frosted) | 445 lm (White) | 106 lm (Chrome) | 52 lm (Copper)

Power Consumption 7.5W

Luminous Efficacy 71.7 lm/W (Frosted) | 58.1 lm/W (White) | 13.9 lm/W (Chrome) | 6.9 lm/W (Copper)

90 CRI

Stats above are based on AC Input 2700K, for other configurations please refer to Photometric Download.

LED LIFESPAN

50k hours

CERTIFICATION

ADA Compliant

UL Listed

Suitable for Wet Locations

Suitable for Damp Locations

IP20

IP65

Declare (LBC Red List Approved)



Generate Date: Wed Mar 27 2024

NOTE ON IMAGERY

All product photos are made using the correlated color temperature (CCT) of 2700k. The actual color temperature experienced within your environment may vary based on other light sources and materials present.

PRODUCT DIMENSIONS

5 in dia x 3.3 in D

PRODUCT WEIGHT

3.5 lbs / 2 kg

DIMENSIONAL WEIGHT

3 lbs

YOUR PRODUCT CODE

CR-WS-S10-AA01-27-10_TRIAC_120V-IP20

Specification Logic

GLASS FINISH

Frosted	S12
White Interior	S10
Chrome Exterior	S11
Copper Exterior	S13

BACKPLATE FINISH

Natural Anodized	AA01
Black Anodized	AA04

COLOR TEMPERATURE

2700K (warm white)	27
3000K (soft white)	30
3500K (neutral white)	35

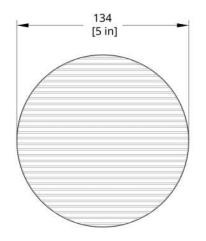
Generate Date: Wed Mar 27 2024

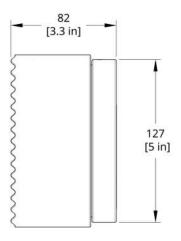
DIMMING / CONTROL / INPUT

1% Dimming, 0-10V Control, 120V or 277V "Universal Input" (Driver External)	1_10V_UNV
Low Voltage (Driver required, driver not included)	LV
10% Dimming, TRIAC / Forward Phase Control, 120V Input	10_TRIAC_120V
1% Dimming, TRIAC / Forward Phase Control, 120V Input (Driver External)	1_TRIAC_120V
0.1% Dimming, 0-10V Control, 120V or 277V "Universal Input" (Driver External)	0.1_10V_UNV

IP RATING

IP 20	IP20
IP 65	IP65





CR-WS Crisp Sconce Dimension

PREST® PAVERS ON-GRADE

Hanover's Prest® Pavers are the perfect alternative to natural stone. High compressive strength and density give the product durability and low water absorption comparable to stone. A large selection of dimensionally compatible sizes as well as a range of other custom sizes are available. Hanover® will strive to provide any size paver required by the project's design specifications. With nearly



endless design options, Hanover® Prest® Pavers are the superior choice for any project from corporate entranceways to pedestrian plaza areas.

- Sizes range from nominal 12" x 12" to 24" x48" [PAVER SIZE CHART]
- Compressive Strength: 8500 psi
- Flexural Strength: 1100 psi
- Absorption: less than 5%
- Density: 155 lbs/3ft
- Recommended for pedestrian use only [PRODUCT USAGE CHART]
- Wide range of standard and custom colors [VIEW COLORS]
- Ability to produce in a variety of finishes [VIEW TEXTURES]
- Pavers are manufactured with Recycled Content [VIEW CONTENT]
- Manufactured with a standard 3/16" bevel. A square edge option is available upon request.
- Select Prest Pavers are considered to be a part of Hanover's Sustainable
 Products [VIEW ALL SUSTAINABLE PRODUCTS]

TERRAZZO COLLECTION

CHESAPEAKE COLLECTION

GRANITE COLLECTION

Make outdoor spaces an

Hanover® Pavers have

Hanover® has developed



CUSTOM COLORS WITH TUDOR® FINISH







Colors shown are custom colors. Please contact a Hanover® Sales Representative for pricing.

*Natural color Prest® Pavers have a tendency to vary in color within any given shipment. It may vary in shade from gray/buff to light gray, and even to a darker gray. This variance should be expected and considered normal for the Natural color Prest® Pavers.

PLEASE NOTE: Additional custom blending is available on special order when quantities permit. The color photos shown in this catalog were prepared with great concern for accuracy. However, it is suggested that actual samples be requested before specifying. Due to the natural variance of the raw materials used, pavers can be expected to differ slightly from sample to actual product. It is recommended that the pavers be cleaned after the installation is finished. Please contact our representatives for product suggestions.



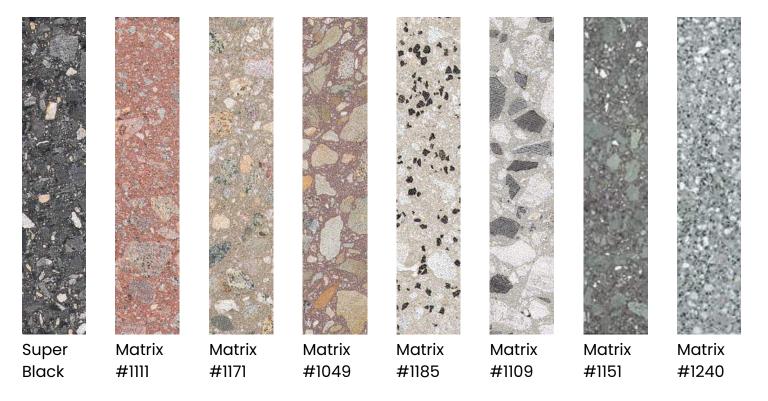
STANDARD COLORS WITH TUDOR® FINISH



^{*}Natural color Prest® Pavers have a tendency to vary in color within any given shipment. It may vary in shade from gray/buff to light gray, and even to a darker gray. This variance should be expected and considered normal for the Natural color Prest® Pavers.

PLEASE NOTE: For stability of color, sealing is recommended. Two types of sealers are suggested - Hanover® Intensifying Sealer or Hanover® Natural Sealer

CUSTOM COLORS WITH GROUND FINISH

















several shades and will include some solid and some blended pieces.

CREATIVELY PRODUCING CONCRETE PAVERS HAS BEEN HANOVER'S SPECIALTY FOR OVER 50 YEARS.

RELATED PRODUCTS

- Prest® Pavers On-Grade
- Chesapeake Collection
- PlankStone® Pavers
- Detectable Warning®
- Multisided Paver System
- Slateface® Pavers

RELATED RESOURCES

- 0802 Paver Laying Patterns (A-F)
- Prest® Paver vs Prest® Brick Video
- Maintenance Guidelines
- 5803 Paver Data Sheet
- 6202 Prest® Paver Test Report
- 6203 SRI Values

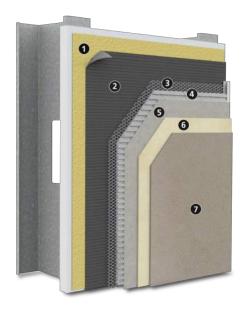




System Bulletin Building with conscience.

StoPowerwall®

Portland cement stucco with StoGuard® air and water-resistive barrier system, drainage, and Sto high performance finishes



Substrate: Glass mat gypsum sheathing in compliance with ASTM C 1177, building code compliant wood-based sheathing (plywood or OSB), concrete, or concrete masonry (CMU)

1)	StoGuard® Air and Water-Resistive Barrier
2)	Code compliant paper or felt Water-Resistive Barrier
3)	Code compliant miniumum 2.5 lb/yd² (1.4 kg/m²) self- furred galvanized steel diamond mesh metal lath or Structalath SFCR Twin Track 2.5 self-furring welded wire lath
4)	ASTM C926 compliant stucco scratch coat (as manufactured or listed by Sto Corp.)
5)	ASTM C926 compliant stucco brown coat (as manufactured or listed by Sto Corp.)
6)	Sto Primer (optional)
7)	 Choose among: Sto Textured Finishes StoCast Finish: Wood or Brick Sto Signature Series or Sto Speciatly Finishes

System Accessory: StoSeal STPE Sealant for use as an exterior weather seal around wall penetrations, at dynamic joints in wall construction, and as an interior air seal for air barrier continuity

System Description

StoPowerwall is a drainable stucco wall assembly that features a code compliant StoGuard air and water-resistive barrier system. It combines the strength and durability of traditional stucco with StoGuard air and water protection and Sto high performance finishes.

Uses

StoPowerwall can be used in residential or commercial wall construction for superior aesthetics, durability, and air and moisture control.

Features	Benefits		
Integrally colored factory blended Sto textured, StoCast finishes, or Sto Specialty finishes	Consistent color and aesthetics increase curb appeal		
StoGuard air and water-resistive barrier system	Fully compatible, code compliant air and water-resistive barrier system		
Impact and puncture resistance	Withstands abuse, reduced maintenance		
Optional Sto Crack Defense	Resists stucco cracking		
Properties			
Weight (excluding sheathing / studs)	< 12 psf (56.6 kg/m²)		
Assembly Thickness (from outer face of sheathing)	Nominal 7/8 inch (22mm)		
R-value (from outer face of sheathing)	0.84 ft²•h•°F / Btu (0.148 m²•K / W)		
Wind Load Resistance	Capable of achieving: +65, -48 psf (+3.11, -2.29 kPa)		
StoGuard air and water-resistive barrier system code compliance with StoGuard Detail Components	• IBC and IRC (2015, 2018) • ASHRAE 90.1-2019		
Construction Types, Fire Resistance	 For use on all Types of Construction ASTM E119 hourly rated assemblies 		

Warranty

10 year Limited Warranty when used with Sto Crack Defense

Maintenance

Requires periodic cleaning to maintain appearance, repair of cracks and impact damage if they occur, recoating to enhance appearance of weathered finish. Sealants and other façade components must be maintained to prevent water infiltration.



System Bulletin Building with conscience.

StoPowerwall®

Portland cement stucco with StoGuard air and water-resistive barrier system, drainage, and Sto high performance finishes

Limitations

Fire resistance rated assemblies generally require 7/8 inch (22mm) Portland cement stucco over non-load bearing steel frame. See ICC ESR 2323, IAPMO ER 382, and other Sto listed ASTM C926 compliant stucco evaluation reports, for additional fire-resistance-rated assemblies.

Local codes or specifications may require a drainage space or cavity behind stucco. Refer to information on StoPowerwall Drainscreen for these situations.

Wind load resistance: +65, -48 psf (+3.11 to -2.29 kPa). Ultimate wind load resistance also depends on sheathing, sheathing attachment, stiffness of supporting construction, and strength characteristics of stucco mix. Test assembly if necessary to verify wind load resistance is in conformance with local code requirements. Design for maximum allowable deflection of L/360.

Cracking can occur in portland cement stucco. Cracking is generally not caused by a material defect in the stucco and can be minimized by following sound design and construction practices such as: proper installation of lath, proper incorporation of stress relief joints in the construction, proper sand gradation for field mixed stucco, proper proportioning of stucco mix ingredients, use of the minimum amount of water in the stucco mix for placement of stucco, avoiding the use of excess water, moist curing of the stucco after it has been applied, and proper sequencing of construction to avoid stresses in the freshly placed stucco.

Efflorescence is a normal occurrence in portland cement-based products and can affect final appearance of finish products installed over stucco.

For use on vertical above grade walls only. Do not use below grade or on roofs or roof-like surfaces.

Dark or highly saturated finish colors may require added maintenance compared to light or pastel colors.

Air and Water-Resistive Barrier and base coat materials are not intended for prolonged weather exposure. Refer to component product bulletins for specific limitations involving exposure, use, handling and storage of component materials.

Sustainable Design	
Air Quality and VOC Compliance	
All finish coatings, adhesives, air and water-	resistive barrier joint treatments and coatings meet US EPA (40 CFR 59) and SCAQMD (Rule 1113)
LEED Credit Eligibility	
System has high potential for LEED and other	er sustainability program credits based on use of continuous air and water-resistive barrier and VOC compliance
Regulatory Compliance and Standards	Testing
Refer to ICC-ESR 2323, IAPMO ER 382, other Sto listed stucco evaluation reports	Stucco base material is in compliance with ASTM C926 when installed at a minimum thickness of ¾ inch (19 mm) in 2 coats to code compliant wall assemblies.
ICC ESR No. 1233 covering StoGuard Air & Water-Resistive Barrier	Complies with 2015 and 2018 IBC, IRC
ASHRAE 90.1-2019 ¹	Complies with Section 5, Building Envelope, air barrier requirements
ASTM 2357 ²	StoGuard Air and Water-Resistive Barrier assembly meets air leakage resistance criteria of \leq 0.04 cfm/ft ² at 1.57 psf (0.2 L/s \bullet m ² at 75 Pa)
NFPA 285 ³	StoGuard Air and Water-Resistive Barrier with stucco meets criteria for use on noncombustible construction
ASTM E 119 ⁴	Meets requirements for 1 hour rating over non-load-bearing fire-resistance-rated construction

- 1. Energy Standard for Buildings Except Low-Rise Residential Buildings
- 2. Standard Test Method for Determining Air Leakage of Air Barrier Assemblies
- 3. Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components
- 4. Standard Test Methods for Fire Test of Building Construction and Material

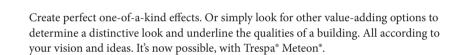
For complete information refer to www.stocorp.com

Sto Corp. 3800 Camp Creek Parkway	SB - 6600 Revision: 006	Attention
Building 1400, Suite 120 Atlanta, GA 30331	Date: 10/2023	Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, or for
Tel: 404-346-3666 Toll Free: 1-800-221-2397		other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to this product, and to the structure of the building or its components. <u>STO CORP. DISCLAIMS ALL WARRANTIES EXPRESS OR IMPULED EXCEPT FOR EXPLICIT IMITIED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY</u>
Fax: 404 346-3119		ALL WARRANTIES EARNESS ON INTELLED ELLE TOR EXPILIED INTILIED WILL WARRANTIES SISSUED TO ANAIGE FED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME. For the fullest, most current information on proper application, clean-up, mixing and other specifications and warranties, cautions and disclaimers, please refer to the Sto Corp. website, www.stocrps.com.
www.stocorp.com		· · · · · · · · · · · · · · · · · · ·



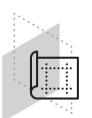
WHERE COMPELLING AESTHETICS AND LIMITLESS DESIGN POSSIBILITIES MEET

DISCOVER AN ENORMOUS RANGE OF DESIGNS. UNIQUE PATTERNS. RHYTHMS
AND DEPTHS. AND ENDLESS, LONG-LASTING COLORS. ALL BROUGHT TOGETHER
IN HIGH-END MATERIALS AND FINISHES THAT PROMISE COMPELLING AESTHETICS
AND ALMOST LIMITLESS DESIGN POSSIBILITIES. THE TRESPA® METEON® COLLECTION
OFFERS HIGH-END CLADDING OPTIONS TO REIMAGINE EVERY PROJECT AND
DESIGN YOUR NEXT-GENERATION ARCHITECTURAL HIGHLIGHT.



EVERYTHING YOU WANT

This stunning collection features cladding panels for innovative and functional ventilated façade systems, balconies, and sunblind solutions. Available in a broad range of looks, such as Metallics, Lumen, Focus, Naturals and Woods. You even can pick different colors and finishes. Allowing you to realize almost everything you want, exactly in the way you want.



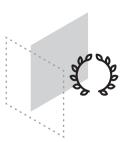
LONG-LASTING ENJOYMENT

The entire collection is highly weather resistant, so sun and rain will have no significant effect on a panel's surface. They're also easy to clean and highly scratch and impact resistant. And they all come with a 10-year limited warranty.



HIGH-END QUALITY

Trespa® Meteon® is a decorative high-pressure compact laminate (HPL) with an integral surface manufactured using Trespa's unique in-house technology: Electron Beam Curing (EBC). The blend of up to 70% natural fibers and thermosetting resins, manufactured under high pressures and temperatures, yields a highly stable, dense panel with good strength-to-weight ratio.



NEW

L2264
OCEANIA BLUE

L3673
OLIVE GREEN

METEON® LUMEN

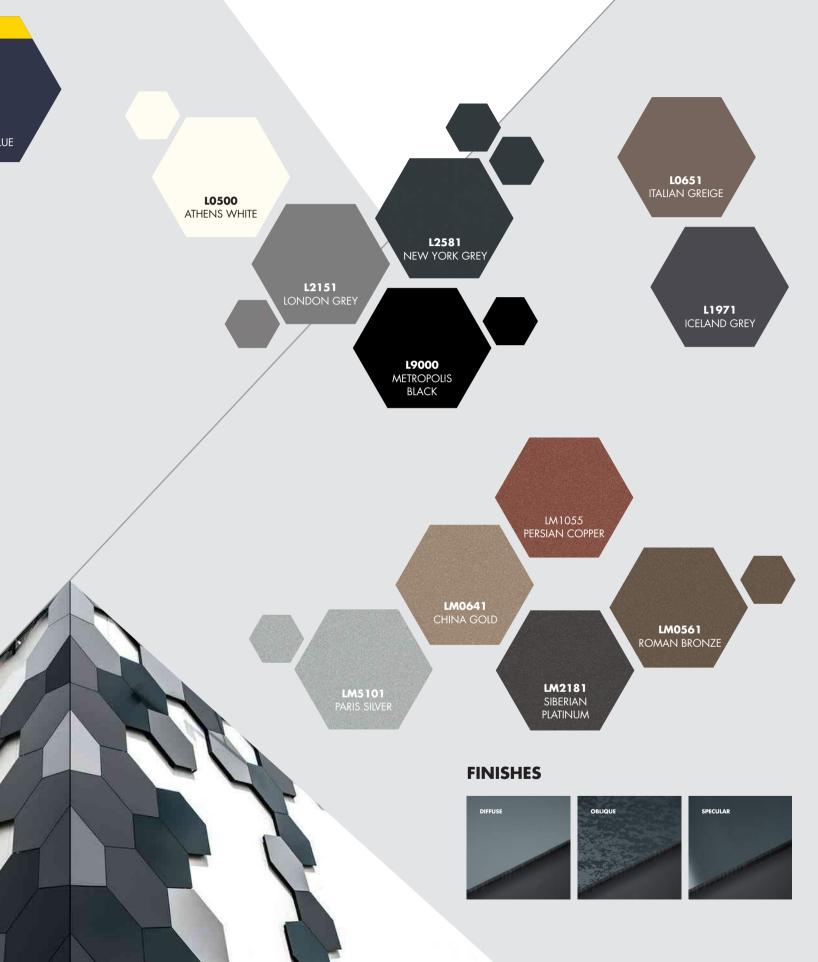
CREATE MEMORABLE
FAÇADES THAT PLAY WITH
LIGHT, FROM EXTREME MATTE
TO SPARKLING GLOSS

Light inspires. Light refreshes. And light can bring new dimensions to design freedom. The Trespa® Meteon® Lumen collection is a unique cladding panel with rich nuances and natural tones that bring a subtle and refined touch to every project. It offers more light-absorbing, matte effect qualities, as well as more natural or high-reflective aspects. The possibilities are endless, but they all have one thing in common: a calming, crisp result with a confident sense of style that brings every project to life.

The Trespa® Meteon® Lumen collection includes up to three unique finishes and is designed to add a feeling of movement, depth, tone, and liveliness to your projects. And because the collection is available in a rich palette of colors, you can design memorable façades with impressive qualities that make them stand out.



DISCOVER THE TRESPA® METEON® LUMEN
COLLECTION AND REIMAGINE YOUR NEXT PROJECT



TRESPA® METEON® LUMEN

DIFFUSE

PREMIUM FAÇADE WITH A DEEP MATTE SURFACE

The Trespa® Meteon® Lumen Diffuse finish helps you create new, state-of-the-art designs while using natural light as a design element. This 'less is more' product absorbs light and removes shine and texture, creating a velvety smooth, subdued matte appearance. Meteon® Lumen Diffuse will bring instant tranquility, giving a façade a unique and desirable look. The light-absorbing quality of these panels creates an interplay of shades and a unique tonal depth. A feature that enhances colors without detracting from the overall design.

OBLIQUE

A NATURAL TOUCH FOR EVERY SURFACE

The Trespa® Meteon® Lumen Oblique finish is a unique product with impressive design results. Its natural, weathered look can enhance any façade with a pleasantly irregular matte and gloss surface. The result: a new dimension of liveliness to augment your projects.

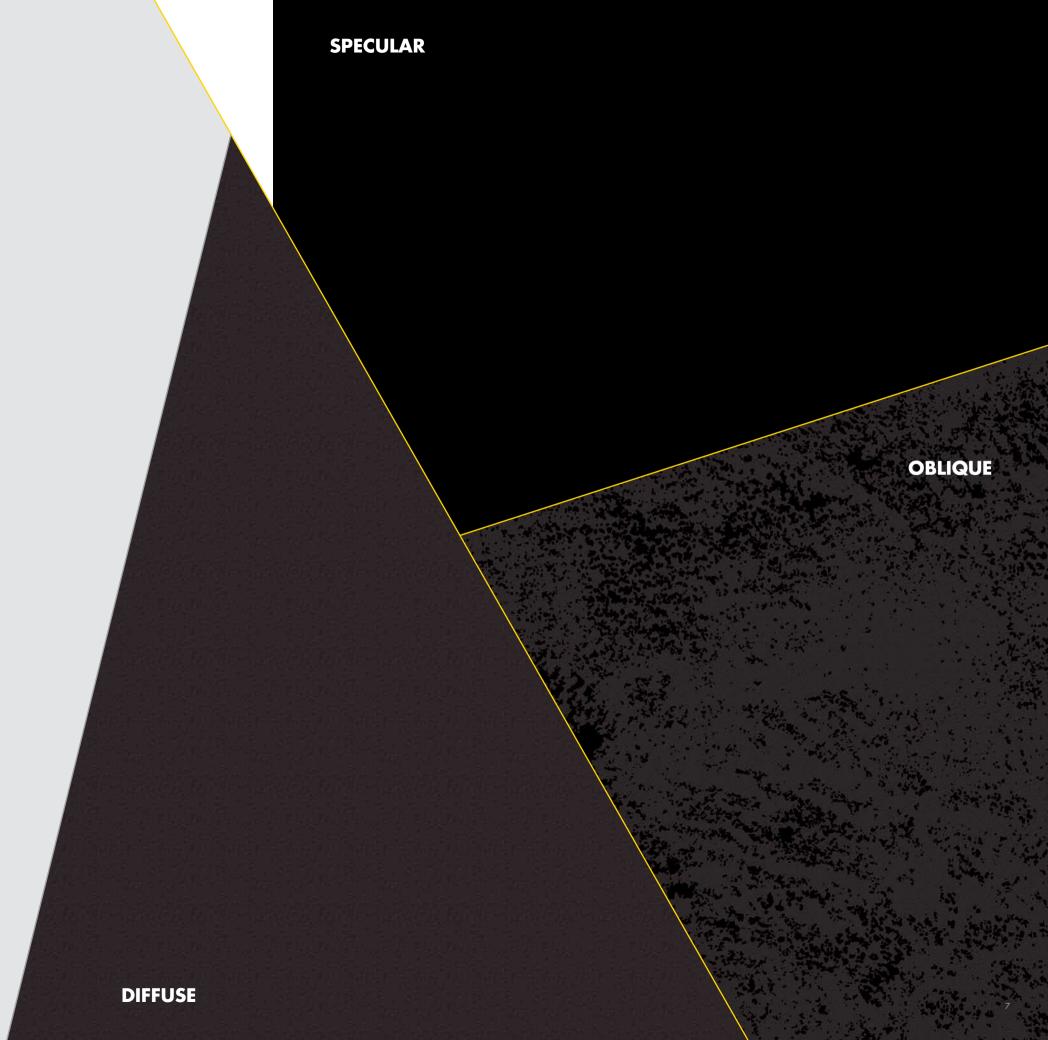
The Trespa® Meteon® Lumen Oblique finish finds its inspiration in nature, which brings natural elements to your design. It creates an impressive atmosphere, especially when combined with other finishes. And thanks to its ability to reflect light in an irregular way, it also brings a crisp and natural touch to every surface. Subtle, but with impact that packs a real design punch.

SPECULAR

ADDING LIVELINESS THROUGH GLOSS

The Trespa® Meteon® Lumen Specular finish reflects its surroundings, adding liveliness with deep colors and gloss. Buildings become seamlessly integrated into the environment, resulting in a vibrant designed façade. Combined with natural tones, it gives you even more freedom to design contemporary façades with a subtle elegance that will never go out of style.

The Trespa® Meteon® Lumen Specular finish integrates perfectly with our other finishes. So you can blend aspects of modern design with colors, variations, and fascinating reflections of natural light.









TRESPA® METEON® LUMEN

OUR DELIVERY PROGRAM

Color code Color name		Diffuse			olique	Ė	Specific	ar a
Color code	Color name		:-	口蹄				E.
LO500	Athens White		- 300	7- 1	. :	. •	# · .	III -
LO651	Italian Greige		F - 1	- m	3			
L1971	Iceland Grey				(0)		3	
L2151	London Grey		•	*		-		4 - *
L2264	Oceania Blue							
L2581	New York Grey			F 10		-		
L3673	Olive Green		-					
L9000	Metropolis Black							
With metallic	effect							
LM0561	Roman Bronze							
LM0641	China Gold		-					
LM1055	Persian Copper		-					
LM2181	Siberian Platinum		-					
LM5101	Paris Silver		-	-				

TRESPA® METEON® LUMEN DIFFUSE, LUMEN OBLIQUE AND ALL LUMEN WITH METALLIC EFFECT (PRODUCTS WITH LM CODE) FEATURE A DIRECTIONAL COLORED SURFACE.
*WITH SATIN REVERSE.

FINISHES







DIFFUSE OBLIQUE

SPECULAR



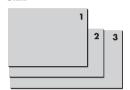


L0500

SINGLE SIDED DECORATIVE DECORATIVE SIDE
WITH NON DECORATIVE BLACK REVERSE
DOUBLE SIDED DECORATIVE SAME COLOR
FOR FRONT AND REVERSE SIDE OF THE PANEL
VARITOP DECORATIVE SIDE WITH STANDARD
WHITE DECORATIVE SATIN REVERSE (A03.0.0)

SIZE

SIZE



- $1 \approx 6 \times 8 \text{ ft } (1860 \times 2550 \text{ mm})$
- $2 \approx 5 \times 10 \text{ ft } (1530 \times 3050 \text{ mm})$
- $3 \approx 6 \times 12 \text{ ft } (1860 \times 3650 \text{ mm})$

NOTE: FULL SIZE PANELS FEATURE A SQUARENESS TOLERANCE.

THICKNESSES



 $\approx 5/16 \text{ inch } (8 \text{ mm})$

 $\approx 1/2$ inch (13 mm)

NOTE

PLEASE BE AWARE THAT NOT ALL PRODUCT-FINISH
COMBINATIONS ARE POSSIBLE. FOR AVAILABLE SHEET SIZES,
THICKNESSES AND FINISHES IN YOUR COUNTRY, PLEASE CHECK
TRESPA.INFO FOR THE DETAILED AND UP TO DATE DELIVERY
PROGRAM AND MATERIAL PROPERTY DATASHEET. ALTERNATIVELY
YOU CAN USE THE PRODUCT SELECTOR ON TRESPA.COM
(AFTER CHOOSING THE COUNTRY WHERE THE PROJECT IS
LOCATED).

ORDER YOUR FREE SAMPLE



FOR TECHNICAL INFORMATION, PLEASE VISIT WWW.TRESPA.INFO

CONTACT US

TRESPA INTERNATIONAL B.V.

P.O. Box 110, 6000 AC Weert Wetering 20, 6002 SM Weert The Netherlands www.trespa.com

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TRESPA DESIGN CENTER SANTIAGO

Eliodoro Yáñez 2831 Torre A - Local 1 Providencia, Santiago Chile Tel: +56 2 24069990 TDC.Santiago@Trespa.com www.trespa.com/tdc

FOLLOW US









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