Addendum No. 7

PROJECT NO. 161026-00

PROJECT TITLE: Renovate Plant Science Building - Phase 2

DATE: **November 24, 2026**

State University Construction Fund
State University Plaza
353 Broadway
Albany, New York 12246

New York State College of Agriculture and Life Sciences at Cornell University





ADDENDUM NO. 7

The following additions, deletions, and/or changes or clarifications to the drawings, specifications, and bidding documents for this project, shall become and are hereby made part of the Contract Documents. They change the original documents only in the manner and to the extent stated. Each bidder shall acknowledge receipt of this Addendum in the appropriate location on the bid proposal form.

This addendum contains one hundred sixty-nine (169) pages, which consists of one (1) cover page, one (1) addendum description pages, two project manual sections (27 pages), three (3) project drawing sheets, and three sections of reference documents (137 pages).

7.1: MODIFICATIONS TO PROJECT MANUAL

7.1a: **00 01 10** Table of Contents – REPLACE section in full.

7.1b: **000115** – Drawing List – REPLACE section in full.

7.1c: **124813** – 2.2.A.3. DELETE (Basis-of-Design: Pedimat M1).

7.1d: **132100**: In addition to language added in Addendum 6, ADD 1.9.D.k. NYS DEC Part 404; and m. ASHRAE 34.

7.2 MODIFICATIONS TO DRAWINGS

7.2a: **A9.10 –** ADDED tag reference for loading dock door frame detail. REVISED a glass type. ADDED details 13 and 14 illustrating two custom printed graphics to be used as interlayers in laminated glazing: a gradient and a reed pattern.

7.2b: **A10.14** – REVISE text note ‘3/4" SOLID SURFACE SIDE SPLASH (MATCH ADJ SILL) AT ISLANDS ADJACENT TO EXTERIOR WALLS. SIDE SPLASH TO EXTEND FROM COUNTERTOP TO UNDERSIDE OF ADJ SILL, TYP’ from solid surface to: EPOXY.

7.2c: **P1.0** – REVISED to indicate both SH-1 and SB-1 at G0020 and G0021.

7.2d: **P6.1** – REVISED to add back SH-1 shower fixture.

7.2e: **TY5.0 and TY5.1 –** DELETE Overhead REX Motion Detectors from the Device Schedules for Door Details that have an integral REX switch within the Sargent SN200 electrified locksets

7.3 REFERENCE DOCUMENTS

7.3a: **Reference Document A – Roof Plan, Section/Elevations & Details at 233 Plant Science**

7.3b: **Reference Document B – Breezeway Walk Surface Product Data**

7.3c: **Reference Document C – OFCI Signage Types and Proofs**

ATTACHMENTS:

- Project Manual: 000110 (fifteen pages), 000115 (twelve pages)
- Project Drawings: A9.10, P1.0, P6.1
- Reference Documents: Reference Document A (two pages), Reference Documents B (thirty-one pages), Reference Documents C (one hundred four pages).

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END OF SECTION 00 01 15

Reference Document A

A702 – Roof Plan, Section/Elevations & Details at 233 Plant Science

[now 237 - see M4.6]

Reference Document B

Breezeway Walk Surface Product Data

FAHS Construction Group

#
Submittal No. Contractor only

Sub-Contractor:	
Address:	
Phone / Fax:	

Architect Project Number:	161026
Contractor:	Fahs Construction
Project Name: Cornell Plant Science Phase 1	
Date Returned:	

TYPE OF SUBMITTAL
(Check one)

☐ Product Data ☐ Color Selection ☐ O&M Manual
☐ Shop Drawings ☐ Sample ☐ Record Document
☐ Other

DATE OF SUBMITTAL: _____

RESUBMITTED: _____

NUMBER OF ATTACHED: _____

SUBSTITUTION ☐ **YES** ☐ **NO**
See General Conditions

PRODUCT IDENTIFICATION
Specification Section No.: _____
Contract Dwg. No.: _____
Product Name: _____
Part/Paragraph: _____
Detail Reference: _____
Manufacturer: _____

GENERAL CONTRACTOR APPROVAL
Identify that this submittal has been reviewed and approved by the Contractor in accordance with the General Conditions.

By:_____ Date: _____

CONTRACTOR COMMENTS / DEVIATIONS FROM CONTRACT DOCUMENTS

INTENDED INSTALLATION LOCATION / USE:

APPROVED	☐
APPROVED ONLY AS CORRECTED	☐
APPROVED IN PART RESUBMIT ITEMS NOTED	☐
REVISE AND RESUBMIT	☐
NOT APPROVED	☐
REVIEWED	■

REVIEWING IS ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED AT THE SITE; FOR INFORMATION THAT PERTAINS SOLELY TO THE FABRICATION PROCESSES OR TO THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION, FOR COORDINATION OF THE WORK OF ALL TRADES; AND FOR JOB SAFETY.

ACCEPTANCE OF THIS SUBMITTAL DOES NOT AUTHORIZE OR RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR DEVIATIONS FROM THE DRAWINGS OR SPECIFICATIONS OF OTHER CONTRACT DOCUMENTS, OR FROM INSTRUCTIONS OR SUPPLEMENTARY DRAWINGS FURNISHED BY THE ARCHITECT UNLESS THE CONTRACTOR HAS, IN WRITING, CALLED THE ARCHITECT'S ATTENTION TO SUCH DEVIATIONS AT THE TIME OF SUBMITTAL, NOR DOES THE ACCEPTANCE RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS IN THIS SUBMITTAL.

ELLENZWEIG Date: 07/30/2024
BY: Amelia Thrall

Warranty: 10 yrs
Color: Heavy Vehicular Traffic Gray
Provide in full conformance with manufacturer's recommendations and contract documents including surface prep and primer.

ARCHITECT'S / ENGINEERS COMMENTS:

☐ NO EXCEPTION TAKEN ☒ MAKE CORRECTIONS NOTED
☐ REJECTED ☐ REVISE AND RESUBMIT
☐ SUBMIT SPECIFIED ITEM

Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for: dimensions which shall be confirmed and correlated at the job site fabrication processes and techniques of construction coordination of his/her work with that of all other trades and the satisfactory performance of his/her work.

BY DKA/JJC DATE 7/29/24
BELL & SPINA, P.C.
Architects - Planners

APPROVED FOR PRODUCT DATA ONLY. SHOP DRAWING SUBMITTAL REQUIRED TO ILLUSTRATE DETAILS.

INSTALLER WARRANTY ALSO REQUIRED, TO MATCH LENGTH OF SIKA WARRANTY.

LUPINI CONSTRUCTION, INC.

CERTIFIED NYS WBE

QUALITY – TRADITION – INTEGRITY

SUBMITTAL COVER SHEET

Renovate Plant Science Building – Phase 1
New York State College of Agriculture
And Life Sciences at Cornell University

Submittal Number:	096723-537-01-2.2.C.4 R1	**Date of Submittal:**	6/7/2024
General Contractor:	FAHS Construction Group	**Attention:**	Brian LaLonde
Architect/Engineer/Owner:	Ellenzweig Architecture|Planning	**Attention:** **CC:**	
Submittal Description:	Sikalastic 720/745 Deck Coating System – 10yr Warrantied System		
Submittal Type:	Information	**No. of Copies/Format:**	Email
Specification Section:	096723	**Paragraph/Item No.:**	2.2.C.4
Drawing Reference:			
Subcontractor(s)	N/A		

CONTRACTOR'S STAMP:

SUBMITTAL IS IN ACCORDANCE WITH SPECIFICATIONS

LUPINI CONSTRUCTION, INC.
SIGNED: Loren Lenaghen
DATE: 6/7/2024

ARCHITECT'S STAMP:

6081 Trenton Road Utica, NY 13502
Telephone: 315-736-8397 Fax: 315-736-8809

BUILDING TRUST

SYSTEM DATA SHEET

Sikalastic®-720/745 AL Traffic System

Two-component, fast-curing, solvent-free, crack-bridging, elastomeric polyurethane base coat

PRODUCT DESCRIPTION

Sikalastic®-720/745 AL Traffic System is a two-component, aromatic, chemically cured, elastomeric polyurethane coating intended for use as the waterproofing base coat under polyurethane or epoxy wearing surfaces for pedestrian and vehicular traffic bearing applications, and as the waterproofing base coat under a separate wearing course such as concrete or asphalt pavement, and tile in a setting bed.

USES

Sikalastic®-720/745 AL Traffic System may only be used by experienced professionals.

- Multi-story parking garages.
- Parking decks and ramps.
- Foot bridges and walkways.
- Mechanical rooms.
- Stadiums and arena.
- Plaza and rooftop decks.
- Balconies.

CHARACTERISTICS / ADVANTAGES

- Low odor and fast turnaround.
- Excellent crack-bridging properties and flexibility, even at low temperatures.
- Excellent wear resistance.
- Resistant to water and de-icing salts.
- Alkaline resistant.
- UV resistant.

APPROVALS / STANDARDS

- Sikalastic 720/745/745 Class A fire rating (ASTM E108)



PRODUCT INFORMATION

Packaging	20 gal. kit - four 5 gal. pails (net 4 gal. each) Part A and four 1 gal. cans Part B.
Shelf Life	1 year in original, unopened containers.
Storage Conditions	Store dry at 40–95 °F (4–35 °C). Condition material to 65–85 °F (18–30 °C) before using.

Solid content by volume

720 Base	745 AL	
100 %	100 %	(ASTM D-2697) 75 °F (24 °C) 50% RH

SYSTEM INFORMATION

System Structure

System Guide	Pedestrian Traffic	Heavy Pedestrian/ Light Vehicular	Heavy Vehicular Traffic - Seed and Lock	Heavy Vehicular Traffic - Seed and backroll
Primer	Sikalastic® Primer 300 sf/gal.*	Sikalastic® Primer 300 sf/gal.*	Sikalastic® Primer 300 sf/gal.*	Sikalastic® Primer 300 sf/gal.*
720 Detail Coat	23 mils wet/dry	23 mils wet/dry	23 mils wet/dry	23 mils wet/dry
720 Base Coat	23 mils wet/dry 70 sf/gal.	23 mils wet/dry 70 sf/gal.	23 mils wet/dry 70 sf/gal.	23 mils wet/dry 70 sf/gal.
745 AL Wear Coat	12 mils wet/dry 133 sf/gal.	18 mils wet/dry 90 sf/gal.	16 mils wet/dry 100 sf/gal.	16 mils wet/dry 100 sf/gal.
Aggregate	10-20 lbs/100 sf seeded/backrolled	10-20 lbs/100 sf seeded/backrolled	40-60 lbs/100 sf seeded to refusal	10-20 lbs/100 sf seeded/backrolled
745 AL Top Coat			16 mils wet/dry 80 sf/gal	16 mils wet/dry 80 sf/gal
Aggregate				10-20 lbs/100 sf seeded/ backrolled
Total Thickness	**35 mils dry** (excluding aggregate)	**41 mils dry** (excluding aggregate)	**55 mils dry** (excluding aggregate)	**55 mils dry** (excluding aggregate)

*Consult Sika for other primer options for recover and high moisture content substrates.
NOTE: Coverage rates provided are optimal and are not guaranteed - coverage rates will vary depending on temperature, surface roughness and porosity, aggregate selection and embedment, and application technique.

Colour	Gray

Volatile organic compound (VOC) content

720 Base	745 AL	
< 10 g/l	< 10 g/l	(ASTM D-2369-81) 75 °F (24 °C) 50% RH

TECHNICAL INFORMATION

Shore A Hardness	80 +/- 5	(ASTM D-2240) 75 °F (24 °C) 50% RH
Tensile Strength	2500 +/- 100 psi	(ASTM D-412) 75 °F (24 °C) 50% RH
Tear Strength	300 +/- 25 pli	(Die C, ASTM D-624) 75 °F (24 °C) 50% RH
Elongation at Break	800 +/- 50 %	(ASTM D-412) 75 °F (24 °C) 50% RH
Chemical Resistance	Resistant to de-icing salts, and alkaline concrete and cementitious mortars/tile adhesives.	

APPLICATION INFORMATION

Coverage	70 ft²/gal. at 23 wet mils (23 dry mils)	
Pot Life	**720 Base** 10–15 minutes	**745 AL** 20–30 minutes

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. Minimum Pull-Off Adhesion strenght 220 psi (ASTM D7234).

Concrete - Should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines). Minimum compressive strenght of concrete 3 500 psi .

Plywood - Should be clean and smooth, APA and exterior grade, not less than 1/2" thick, and spaced and supported according to APA guidelines. Joints should be sealed with Sikaflex® sealant and detailed and may need embedded fabric reinforcement.

Metal - Should be thoroughly cleaned by grinding or blast cleaning.

APPLICATION

Priming

Primer Selection - Determine maximum moisture content of concrete substrate by weight with a Tramex CME or CMExpert type concrete moisture meter.
NOTE: For new plywood decks, a primer is not required.

Sikalastic® Primer – For concrete decks with a maximum moisture content of 4 % by weight, apply Sikalastic® Primer with a flat squeegee or phenolic resin core roller at approximately 250–300 sf/gal. and work well into the substrate to ensure adequate penetration and sealing, and puddles are avoided. Sikalastic® Primer is not suitable for metal substrates. Refer to separate primer data sheet for additional information.

Sikalastic® FTP Primer – For concrete decks with a maximum moisture content of 4 % by weight, and for weathered plywood decks, apply Sikalastic® FTP Primer with a flat squeegee or phenolic resin core roller at approximately 300 sf/gal. and work well into the substrate to ensure adequate penetration and sealing, and puddles are avoided. Sikalastic® FTP Primer is not suitable for metal substrates. Refer to separate primer data sheet for additional information.

Sikalastic® PF Lo-VOC Primer - For concrete and plywood decks with a porous or rough surface, and for metal flanges and penetrations, use Sikalastic® PF Lo-VOC Primer. For exterior exposed concrete decks with a maximum moisture content of 4 % by weight, interior protected concrete decks with a maximum moisture content of 5 % by weight, and plywood decks, apply Sikalastic® PF Lo-VOC Primer with a flat squeegee or phenolic resin core roller at approximately 200 sf/gal. and work well into the substrate to ensure adequate penetration and sealing, and puddles are avoided. For exterior exposed concrete decks with a maximum moisture content of 5 % by weight, two applications of

Sikalastic® PF Lo-VOC Primer are required. Refer to separate primer data sheet for additional information.

Sikalastic® MT Primer - For concrete with a maximum moisture content of 5 % by weight, and for metal flanges and penetrations, apply Sikalastic® MT Primer with a flat squeegee or roller at approximately 175 sf/gal. For concrete decks with a maximum moisture content of 6% by weight, apply two applications of Sikalastic® MT Primer with a flat squeegee or phenolic resin roller at approximately 175 sf/gal per application. Work primer well into the substrate to ensure adequate penetration and sealing, and puddles are avoided. Refer to separate primer data sheet for additional information.

Sikalastic® FTP LoVOC Primer - For concrete with a maximum moisture content of 5 % by weight, and for metal flanges and penetrations, apply Sikalastic® FTP LoVOC Primer with a flat squeegee or roller at approximately 175 sf/gal. For concrete decks with a maximum moisture content of 6% by weight, apply two applications of Sikalastic® FTP LoVOC Primer with a flat squeegee or phenolic resin roller at approximately 175 - 220 sf/gal per application. Work primer well into the substrate to ensure adequate penetration and sealing, and puddles are avoided. Refer to separate primer data sheet for additional information.

Sikalastic® Recoat Primer – For existing polyurethane coatings, incidental exposed concrete deck areas, and as an interlaminate primer, apply Sikalastic® Recoat Primer with a flat squeegee or phenolic resin core roller at approximately 300 sf/gal. and work will into the substrate to ensure adequate penetration and sealing, and puddles are avoided. Sikalastic® Recoat Primer is not suitable for metal substrates. Refer to separate primer data sheet for additional information.

Detailing

Non-structural cracks up to 1/16” - Apply a detail coat of Sikalastic®-720/745 AL Traffic System at 23 wet mils, 4” wide, centered over the crack. Allow to become tack free before over coating.

Cracks and joints over 1/16” up to 1 inch - Rout and seal with Sikaflex® sealant and allow to cure. Apply a detail coat of Sikalastic®-720/745 AL Traffic System at 23 wet mils, 4” wide, centered over the crack. Allow to become tack free before over coating.

Joints over 1 inch - Should be treated as expansion joints and brought up through the Sikalastic®-720/745 AL Traffic System waterproofing membrane and sealed with Sikaflex® sealant.

Fabric Reinforcement – An optional 3” or 6” wide Sikalastic Flexitape Heavy fabric strip may be embedded within the base coat. Flexitape width shall be chosen such that a minimum of 1” tape is embedded on either side of the crack/joint. Apply additional coating as required to fully embed the Flexitape in the coating.

Panelized Joints - Panelized joints that are restrained across the joint and without differential movement may be sealed and the deck coating, including detail coat, applied over the joint.
NOTE: movement within panelized joints may cause deterioration of the aggregated wear coat, in which case the joints should be treated as expansion joints and brought up through the Sikalastic Traffic System and sealed with Sikaflex® sealant. For additional questions please contact Sika Technical Services.

Expansion Joints - Should be extended through System.

Base Coat
Premix mix Sikalastic® 720 Base Part A and Part B material (typically 30 seconds) using a low speed (400–600 rpm) drill with mechanical mixer (Jiffy) at slow speed to obtain uniform color making sure to scrape the solids from the bottom and sides of the pail. Pour Part B into Part A slowly and while mixing scrape the sides of the container. Mix the combined material thoroughly until a homogenous mixture and uniform color is obtained (typically 3 minutes). Use care not to allow the entrapment of air into the mixture. Apply at the recommended coverage rate (see System Guide) using a 3/16" notched squeegee or trowel and back roll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and joints. Allow coating to cure a minimum of 3–4 hours at 70°F and 50% RH or until tack free before top coating.

Top Coats
Premix Sikalastic® 745 AL Part A using a using a low speed (400–600 rpm) drill with mechanical mixer (Jiffy) at slow speed to obtain uniform color, making sure to scrape the solids from the bottom and sides of the pail. Add Part B and continue mixing until a homogenous mixture and color is obtained (typically 3 minutes). Use care not to allow the entrapment of air into the mixture. Apply at the recommended coverage rate (see System Guide) using a 3/16" notched squeegee or trowel, or phenolic resin core roller, and back roll. Apply aggregate evenly distributed at the appropriate rate immediately into the wet coating and back roll if required (see System Guide). Allow coating to cure a minimum of 3–4 hours at 70 °F and 50 % RH or until tack free between coats, and a minimum of 36 hours before opening to vehicular traffic.

Aggregate
Use clean, rounded, oven dried, quartz sand with a minimum gradation of 16–30 or 12–20 mesh for vehicular traffic and 20–40 mesh for pedestrian traffic, and a minimum hardness of 6.5 per the Moh's scale. It should be supplied in pre-packaged bags and free of metallic or other impurities. Seeding of aggregate means and even, light broadcast short of to refusal. Any loose aggregate must be removed prior to re-coating. Back roll aggregate only where indicated.

Recoat Windows
In the event of an unforeseen rain event or delays beyond the stated recoat window referenced in each product's current PDS, observe the following.

Product	Recoat Window	Required Surface Preparation After Recoat Window is Exceeded
Sikalastic®Primer	Tack-free to 72 hours	Abrade and reprime
Sikalastic® FTP Lo-VOC	Tack-free to 24 hours	Abrade and reprime
Sikalastic® FTP	Tack-free to 48 hours	Abrade and reprime
Sikalastic® PF Lo-VOC	Tack-free to 16 hours	Abrade and reprime
Sikalastic® MT	Tack-free to 48 hours	Abrade and reprime
Sikalastic® Recoat	Tack-free to 12 hours	Abrade and reprime
Sikalastic® 720	Tack-free to 24 hours	Clean, solvent wipe+recoat primer
Sikalastic® 745 AL	Tack-free to 24 hours	Abrade, clean, solvent wipe+recoat primer

Notes:
1. Abrasion of epoxy-based materials is intended to achieve an open, porous surface and to remove any amine blush that may interfere with bonding.
2. Abrasion of polyurethane-based materials is intended to achieve an open, porous surface.
3. Cleaning is intended to remove dirt, debris, contaminants, and residue from mechanical surface preparation methods.
4. Recommended solvents include high quality xylene and acetone. Handling and use of all solvents must be done in accordance with the manufacturer's warnings and instructions for use.

Removal
Remove liquid resin immediately with dry cloth. Once cured, resin can only be removed by mechanical means.

MAINTENANCE

Clean with non-sudsing detergent and water and inspect regularly for mechanical damage. Snow removal equipment must have shoes, rubber tips or small skis to prevent ruptures. The use of metal blades without protection is not recommended. Damaged areas should be repaired promptly. Remove delaminated coating back to well adhered material and reinstall patch according to procedures described above. Do not use asphalt or tar modified products. Consult a Sika representative for

recommendations on top coat or wearing surface restoration.

LIMITATIONS

- To avoid dew point conditions during application, relative humidity must be no more than 95 % and substrate temperature must be at least 5 °F (3 °C) above measured dew point temperatures.
- Maximum moisture content of substrate: 4 % by weight with Sikalastic® Primer, Sikalastic® FTP Primer, Sikalastic® PF LoVOC Primer and 6 % by weight with Sikalastic® FTP LoVOC Primer , Sikalastic ® MT Primer.
- Minimum ambient and substrate temperature during application and curing of material is 40 °F (4 °C); maximum is 90 °F (32 °C). Frequent monitoring of ambient and substrate temperature should always be done when applying polyurethane coatings. Note that low temperatures and low humidity will slow down the cure, and high temperatures and high humidity will accelerate it.
- Do not store materials outdoors exposed to sunlight for prolonged periods.
- Do not thin with solvents.
- Minimum age of concrete must be 21–28 days, depending on curing and drying conditions.
- Any repairs required to achieve a level surface must be performed prior to application (consult a Sika representative for guidance on various Sika product solutions). Surface irregularities may reflect though the cured system.
- Do not apply to a porous or damp surface where moisture vapor transmission will occur during application and cure.
- Substrate must be dry prior to application. Do not apply to a frosted, wet or damp surface. Do not proceed if rain is imminent within 8–12 hours of application. Allow sufficient time for the substrate to dry after rain or inclement weather as there is the potential for bonding problems.
- When applying over existing coatings compatibility and adhesion testing is recommended.
- On grade, lightweight concrete, asphalt pavement, and applications where chained or studded tires may be used should not be coated with Sikalastic® traffic systems.
- Unvented metal pan decks or decks containing between-slab membranes require further technical evaluation and priming with a moisture-blocking primer - contact Sika regarding recommendations.
- Waterproofing applications under overburden, including concrete pavement, asphalt pavement, and tile in a cementitious setting bed, require further technical evaluation - contact Sika regarding recommendations.
- Do not subject to continuous immersion.
- Sikalastic® 720 is not UV stable and must be top coated or protected by a separate wearing course.
- Primer and base coat must be kept clean and recoated - primer within 48 hours, base coat within 24 hours. If this window is exceeded, contact Sika for recommendations.
- Mockups to verify application methods and substrate conditions as well as desired skid resistance and aesthetics are highly recommended.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

- **KEEP CONTAINER TIGHTLY CLOSED**
- **KEEP OUT OF REACH OF CHILDREN**
- **NOT FOR INTERNAL CONSUMPTION**
- **FOR INDUSTRIAL USE ONLY**
- **FOR PROFESSIONAL USE ONLY**

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA’s Technical Service

Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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PRODUCT DATA SHEET

Sikalastic®-720 Base

TWO-COMPONENT, FAST-CURING, SOLVENT-FREE, CRACK-BRIDGING, ELASTOMERIC POLYURETHANE BASE COAT

PRODUCT DESCRIPTION

Sikalastic®-720 Base is a two-component, aromatic, chemically cured, elastomeric polyurethane coating intended for use as the waterproofing base coat under polyurethane or epoxy wearing surfaces for pedestrian and vehicular traffic bearing applications, and as the waterproofing base coat under a separate wearing course such as concrete or asphalt pavement, and tile in a setting bed.

USES

Sikalastic®-720 Base may only be used by experienced professionals.

- Multi-story parking garages
- Parking decks and ramps
- Foot bridges and walkways
- Mechanical rooms
- Stadiums and arena
- Plaza and rooftop decks
- Balconies
- Roofing Flood Coat when mixed with approved aggregate

CHARACTERISTICS / ADVANTAGES

- Low odor and fast turnaround
- Excellent crack-bridging properties and flexibility, even at low temperatures
- Resistant to water and de-icing salts
- Alkaline resistant

PRODUCT INFORMATION

Packaging	20 gal. kit - four 5 gal. pails (net 4 gal. each) Part A and four 1 gal. cans Part B
Appearance / Color	Gray/White
Shelf Life	12 months in original, unopened containers
Storage Conditions	Store dry at 40–95 °F (4–35 °C). Condition material to 65–85 °F (18–30 °C) before using.

Solid content by volume	100 %	(ASTM D-2697)
Volatile organic compound (VOC) content	See Product Safety Data Sheet	

TECHNICAL INFORMATION

Shore A Hardness	80 +/- 5 (75 °F (24 °C) and 50 % R.H.)	(ASTM D-2240)
Tensile Strength	2500 +/- 100 psi (75 °F (24 °C) and 50 % R.H.)	(ASTM D-412)
Elongation at Break	800 +/- 50 % (75 °F (24 °C) and 50 % R.H.)	(ASTM D-412)
Tear Strength	300 +/- 25 pli (75 °F (24 °C) and 50 % R.H.)	(Die C, ASTM D-624)
Chemical Resistance	Resistant to de-icing salts, and alkaline concrete and cementitious mortars/tile adhesives.	

APPLICATION INFORMATION

Coverage	70 ft²/gal. at 23 wet mils (23 dry mils)
Pot Life	10–15 minutes

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LIMITATIONS

- To avoid dew point conditions during application, relative humidity must be no more than 95 % and substrate temperature must be at least 5 °F (3 °C) above measured dew point temperatures.
- Maximum moisture content of substrate: 4 % by weight with Sikalastic® Primer, Sikalastic® FTP Primer, Sikalastic® PF LoVOC Primer and 6 % by weight with Sikalastic® FTP LoVOC Primer , Sikalastic ® MT Primer.
- Minimum ambient and substrate temperature during application and curing of material is 40 °F (4 °C); maximum is 90 °F (32 °C). Frequent monitoring of ambient and substrate temperature should always be done when applying polyurethane coatings. Note that low temperatures and low humidity will slow down the cure, and high temperatures and high humidity will accelerate it.
- Do not store materials outdoors exposed to sunlight for prolonged periods.
- Do not thin with solvents.
- Minimum age of concrete must be 21–28 days, depending on curing and drying conditions.
- Any repairs required to achieve a level surface must be performed prior to application (consult a Sika representative for guidance on various Sika product solutions). Surface irregularities may reflect though the cured system.
- Do not apply to a porous or damp surface where moisture vapor transmission will occur during application and cure.
- Substrate must be dry prior to application. Do not apply to a frosted, wet or damp surface. Do not proceed if rain is imminent within 8–12 hours of application. Allow sufficient time for the substrate to dry after rain or inclement weather as there is the potential for bonding problems.
- When applying over existing coatings compatibility and adhesion testing is recommended.
- On grade, lightweight concrete, asphalt pavement, and applications where chained or studded tires may be used should not be coated with Sikalastic® traffic systems.
- Unvented metal pan decks or decks containing between-slab membranes require further technical evaluation and priming with a moisture-blocking primer - contact Sika regarding recommendations.
- Waterproofing applications under overburden, including concrete pavement, asphalt pavement, and tile in a cementitious setting bed, require further technical evaluation - contact Sika regarding recommendations.
- Do not subject to continuous immersion or ponding water.
- Sikalastic®-720 Base is not UV stable and must be top coated or protected by a separate wearing course.
- Sikalastic®-720 Base must be kept clean and recoated within 24 hours. If this window is exceeded, contact Sika for recommendations.
- Mockups to verify application methods and substrate conditions as well as desired skid resistance and aesthetics are highly recommended.
- Cracks or ruptures which develop in the structure after the waterproofing traffic system has been installed will

not be bridged by the waterproofing traffic system and need to be repaired according to the recommended standard crack treatment details per this PDS.
- When using Sikalastic®-720 Base as a Roofing Flood Coat contact Sika or your local Tech Field Service Rep prior to application.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Surface must be clean, dry, and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application.

Concrete - Should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).

Plywood - Should be clean and smooth, APA and exterior grade, not less than 1/2" thick, and spaced and supported according to APA guidelines. Joints should be sealed with Sikaflex® sealant and detailed and may need embedded fabric reinforcement.

Metal - Should be thoroughly cleaned by grinding or blast cleaning.

Priming

Primer Selection - Determine maximum moisture content of concrete substrate by weight with a Tramex CME or CMExpert type concrete moisture meter.

Sikalastic® Primer – For concrete decks with a maximum moisture content of 4 % by weight, apply Sikalastic® Primer with a flat squeegee or phenolic resin core roller at approximately 250 - 300 sf/gal. and work well into the substrate to ensure adequate penetration and sealing, and puddles are avoided. Sikalastic® Primer is not suitable for metal substrates. Refer to separate primer data sheet for additional information.

Sikalastic® FTP Primer – For concrete decks with a maximum moisture content of 4 % by weight, and for weathered plywood decks, apply Sikalastic® FTP Primer with a flat squeegee or phenolic resin core roller at approximately 300 sf/gal. and work well into the substrate to ensure adequate penetration and sealing, and puddles are avoided. Sikalastic® FTP Primer is not suitable for metal substrates. Refer to separate primer data sheet for additional information.

Sikalastic® PF Lo-VOC Primer - For concrete and plywood decks with a porous or rough surface, and for metal flanges and penetrations, use Sikalastic® PF Lo-VOC Primer. For exterior exposed concrete decks with a maximum moisture content of 4 % by weight, interior protected concrete decks with a maximum moisture content of 5 % by weight, and plywood decks, apply Sikalastic® PF Lo-VOC Primer with a flat squeegee or phenolic resin core roller at approximately 200 sf/gal. and work well into the substrate to ensure adequate penetration and sealing, and puddles are avoided. For exterior exposed concrete decks with a maximum moisture content of 5 % by weight, two applications of Sikalastic® PF Lo-VOC Primer are required. Refer to separate primer data sheet for additional information.

Sikalastic® FTP LoVOC Primer - For concrete with a maximum moisture content of 5 % by weight, and for metal flanges and penetrations, apply Sikalastic® FTP LoVOC Primer with a flat squeegee or roller at approximately 175 sf/gal. For concrete decks with a maximum moisture content of 6% by weight, apply two applications of Sikalastic® FTP LoVOC Primer with a flat squeegee or phenolic resin roller at approximately 175 - 220 sf/gal per application. Work primer well into the substrate to ensure adequate penetration and sealing, and puddles are avoided. Refer to separate primer data sheet for additional information.

Sikalastic® MT Primer - For concrete with a maximum moisture content of 5 % by weight, and for metal flanges and penetrations, apply Sikalastic® MT Primer with a flat squeegee or roller at approximately 175 sf/gal. For concrete decks with a maximum moisture content of 6% by weight, apply two applications of Sikalastic® MT Primer with a flat squeegee or phenolic resin roller at approximately 175 sf/gal per application. Work primer well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Refer to separate primer data sheet for additional information.

Sikalastic® Recoat Primer – For existing polyurethane coatings, incidental exposed concrete deck areas, and as an interlaminate primer, apply Sikalastic® Recoat Primer with a flat squeegee or phenolic resin core roller at approximately 300 sf/gal. and work will into the substrate to ensure adequate penetration and sealing, and puddles are avoided. Sikalastic® Recoat Primer is not suitable for metal substrates. Refer to separate primer data sheet for additional information.

Sikalastic® EP Primer/Sealer - For Wood (timber, plywood), Metal (aluminum, galvanized, cast iron,

copper, lead, brass, stainless steel, steel, zinc), and for existing asphaltic gravel roofs prior to Flood Coat application. Apply by brush or phenolic resin core roller at the recommended rate,100-250 sf/gal depending on the substrate. Correct amount of primer will saturate the substrate and leave a slight film on the substrate top surface. Apply evenly without puddling. Refer to separate primer data sheet for additional information

Detailing

Non-structural cracks up to 1/16” - Apply a detail coat of Sikalastic®-720 Base at 23 wet mils, 4” wide, centered over the crack. Allow to become tack free before over coating.

Cracks and joints over 1/16” up to 1 inch - Rout and seal with Sikaflex® sealant and allow to cure. Apply a detail coat of Sikalastic®-720 Base at 23 wet mils, 4” wide, centered over the crack. Allow to become tack free before over coating.

Joints over 1 inch - Should be treated as expansion joints and brought up through the Sikalastic®-720 Base waterproofing membrane and sealed with Sikaflex® sealant.

Fabric Reinforcement – An optional 3” or 6” wide Sikalastic Flexitape Heavy fabric strip may be embedded within the base coat. Flexitape width shall be chosen such that a minimum of 1” tape is embedded on either side of the crack/joint. Apply additional coating as required to fully embed the Flexitape in the coating.

Panelized Joints - Panelized joints that are restrained across the joint and without differential movement may be sealed and the deck coating, including detail coat, applied over the joint.
NOTE: movement within panelized joints may cause deterioration of the aggregated wear coat, in which case the joints should be treated as expansion joints and brought up through the Sikalastic Traffic System and sealed with Sikaflex® sealant. For additional questions please contact Sika Technical Services.

Expansion Joints - Should be extended through System.

MIXING

Premix Part A and Part B components using a mechanical mixer (Jiffy) at slow speed to obtain uniform color, making sure to scrape the solids from the bottom and sides of the pail. Pour part B into Part A slowly and while mixing scrape the side of the container, Mix the combined material thoroughly until a homogenous mixture and uniform color is obtained (typically 3 minutes). Use care not to allow the entrapment of air into the mixture.

APPLICATION

Apply at the recommended coverage rate (see appropriate System Guide) using a notched squeegee or trowel, and backroll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and joints. Allow coating to cure a minimum of 3–4 hours at 70 °F and 50 % R.H. or until tack fee before top coating.

When used under an overburden system an additonal coat of Sikalastic®-720 Base, fully broadcast, is required, allow coating to cure for a minimum of 36 hours before installing separate overburden.

Removal

Remove liquid coating immediately with dry cloth. Once cured, coating can only be removed by mechanical means.

OTHER RESTRICTIONS

See Legal Disclaimer.

LEGAL DISCLAIMER

- **KEEP CONTAINER TIGHTLY CLOSED**
- **KEEP OUT OF REACH OF CHILDREN**
- **NOT FOR INTERNAL CONSUMPTION**
- **FOR INDUSTRIAL USE ONLY**
- **FOR PROFESSIONAL USE ONLY**

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SIKA warrants this product for one year from date of installation to be free from manufacturing defects and

to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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PRODUCT DATA SHEET

Sikalastic®-745 AL

Two-component, aliphatic, fast-curing, solvent free, traffic bearing wear and top coat

PRODUCT DESCRIPTION

Sikalastic®-745 AL is a two-component, aliphatic, chemically cured, elastomeric polyurethane coating intended for use as the traffic bearing wear and top coat over polyurethane waterproofing membrane for pedestrian and vehicular traffic bearing applications, and as a protective top coat over polyurethane waterproofing membrane under a separate wearing course such as concrete or asphalt pavement, and tile in a setting bed.

USES

Sikalastic®-745 AL may only be used by experienced professionals.

- Multi-story parking garages ,Parking decks and ramps
- Foot bridges and walkways
- Mechanical rooms
- Stadiums and arena
- Plaza and rooftop decks , Balconies

CHARACTERISTICS / ADVANTAGES

- Low odor and fast turnaround
- Excellent crack-bridging properties and flexibility, even at low temperatures
- Resistant to water and de-icing salts
- Alkaline resistant
- Range of standard colors
- UV stable

PRODUCT INFORMATION

Packaging	17.6 gal. kit - four 5 gal. pails (net 4 gal. each) Part A and four 1 gal. cans (net 0.4 gal. each) Part B	
Appearance / Color	Gray, Charcoal and Tan; custom colors available (min. 150gal.)	
Shelf Life	12 months in original, unopened containers	
Storage Conditions	Store dry at 40–95 °F (4–35 °C). Condition material to 65–85 °F (18–30 °C) before using.	
Solid content by volume	100 %	(ASTM D-2697)

Volatile organic compound (VOC) content	73.6 g/L	(ASTM D-2369-81)

TECHNICAL INFORMATION

Shore A Hardness	85 +/- 5	(ASTM D-2240) 75 °F (24 °C) 50 % R.H.
Tensile Strength	3200 +/- 300 psi	(ASTM D-412) 75 °F (24 °C) 50 % R.H.
Elongation at Break	450 +/- 45 %	(ASTM D-412) 75 °F (24 °C) 50 % R.H.
Tear Strength	300 +/- 30 pli	(Die C, ASTM D-624) 75 °F (24 °C) 50 % R.H.
Chemical Resistance	Resistant to de-icing salts, and alkaline concrete and cementitious mortars/tile adhesives.	

APPLICATION INFORMATION

Coverage	133 ft²/gal. at 12 wet mils (12 dry mils) 115 ft²/gal. at 14 wet mils (14 dry mils) 100 ft²/gal. at 16 wet mils (16 dry mils) 90 ft²/gal. at 18 wet mils (18 dry mils) Coverage rates provided are intended to achieve required wet film thickness under optimal conditions. Additional material may be required depending on substrate surface roughness and porosity, material and substrate temperatures, and other site-dependent factors. This will result in a lower coverage rate.
Pot Life	20–30 minutes

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application.

Sikalastic® 720 Waterproofing Base Coat - Coating should be cured and tack free.

Existing Coatings - Should be cleaned and mechanically abraded to provide a contaminant free, open textured surface. Solvent wipe as allowed by state and local regulations.

MIXING

Premix Part A and Part B components using a mechanical mixer (Jiffy) at slow speed to obtain uniform color, making sure to scrape the solids from the bottom and sides of the pail. Pour part B into Part A slowly and while mixing scrape the side of the container, Mix the combined material thoroughly until a homogenous mixture and uniform color is obtained (typically 3 minutes). Use care not to allow the entrapment of air into the mixture.

APPLICATION

Apply at the recommended coverage rate (see appropriate System Guide) using a notched squeegee or trowel, and backroll using a phenolic resin core roller. Apply aggregate evenly distributed at the appropriate rate immediately into wet coating and backroll if required (see appropriate System Guide). Allow coating to cure a minimum of 3–4 hours at 70 °F and 50 % R.H. or until tack fee between coats. Allow coating to cure for a minimum of 36 hours before opening to vehicular traffic or installing separate wear course.

Aggregate: Use clean, rounded or semi-angular oven dried quartz sand with a size gradation of 16–30 mesh

for vehicular traffic and 20–40 mesh for pedestrian traffic, and a minimum hardness of 6.5 per the Moh's scale. It should be supplied in pre-packaged bags and free of metallic or other impurities. Seeding of aggregate means an even, light broadcast short of refusal. A full broadcast of aggregate means a heavy application to refusal. Any loose aggregate must be removed prior to recoating. Backroll aggregate where indicated.

Removal

Remove liquid coating immediately with dry cloth. Once cured, coating can only be removed by mechanical means.

LIMITATIONS

- To avoid dew point conditions during application, relative humidity must be no more than 95 % and substrate temperature must be at least 5 °F (3 °C) above measured dew point temperatures.
- Maximum moisture content of substrate: 4 % by weight with Sikalastic® FTP Primer or Sikalastic® Primer, and 6 % by weight with Sikalastic® MT Primer or Sikalastic® FTP LoVOC primer.
- Minimum ambient and substrate temperature during application and curing of material is 40 °F (4 °C); maximum is 90 °F (32 °C). Frequent monitoring of ambient and substrate temperature should always be done when applying polyurethane coatings. Note that low temperatures and low humidity will slow down the cure, and high temperatures and high humidity will accelerate it.
- Do not store materials outdoors exposed to sunlight for prolonged periods.
- Do not thin with solvents.
- Use properly graded, oven dried aggregates only.
- Minimum age of concrete must be 21–28 days, depending on curing and drying conditions.
- Any repairs required to achieve a level surface must be performed prior to application (consult a Sika representative for guidance on various Sika product solutions). Surface irregularities may reflect though the cured system.
- Do not apply to a porous or damp surface where moisture vapor transmission will occur during application and cure.
- Substrate must be dry prior to application. Do not apply to a frosted, wet or damp surface. Do not proceed if rain is imminent within 8–12 hours of application. Allow sufficient time for the substrate to dry after rain or inclement weather as there is the potential for bonding problems.
- When applying over existing coatings compatibility and adhesion testing is recommended.
- Opening to traffic or installation of separate wearing course prior to final cure may result in loss of aggregate, or permanent staining and subsequent premature failure.
- Vehicle fluids and some high performance tires can stain the coating. Fluid spills should be removed promptly as the coating can in some cases be damaged from prolonged exposure.
- On grade, lightweight concrete, asphalt pavement, or insulated split slab applications, or applications where chained or studded tires may be used, must not be coated with Sikalastic Traffic Systems without Sika technical review. Contact Sika Technical Services or Product Engineering.
- Unvented metal pan decks or decks containing between-slab membranes require further technical evaluation and priming with a moisture-blocking primer - contact Sika regarding recommendations.
- Waterproofing applications under overburden, including concrete pavement, asphalt pavement, and tile in a cementitious setting bed, require further technical evaluation - contact Sika regarding recommendations.
- Do not subject to continuous immersion. Ponding water up to 72 hours is not considered as continuous immersion.
- Base coat must be kept clean and recoated within 24 hours for two-component base coat, and 72 hours for single component base coat. If this window is exceeded, contact Sika for recommendations.
- Mockups to verify application methods and substrate conditions as well as desired skid resistance and aesthetics are highly recommended.
- Cracks or ruptures which develop in the structure after the waterproofing traffic system was installed will not be bridged by the waterproofing traffic system and need to be repaired according to the recommended standard crack treatment details per this PDS.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

- **KEEP CONTAINER TIGHTLY CLOSED**
- **KEEP OUT OF REACH OF CHILDREN**
- **NOT FOR INTERNAL CONSUMPTION**
- **FOR INDUSTRIAL USE ONLY**

• **FOR PROFESSIONAL USE ONLY**

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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BUILDING TRUST

Sika Corporation USA · 201 Polito Avenue · Lyndhurst, NJ 07071 · USA **WAR24-SAMPLE**

For:

Project:

LIMITED MATERIAL WARRANTY (WITH LABOR INCLUSION)* Date:

Commencing on: Terminating on:

Product(s):

Manufacturer: Sika Corporation

Project Description
All surfaces shall be prepared as per the Technical Data Sheet(s). All recommendations contained in the current Sika Technical Data Sheet(s) including but not limited to mixing ratios, temperature ranges, proper equipment, storage conditions and surface preparation, and generally accepted construction rules for **(Sika products listed above)** must be strictly adhered to and followed.

THE WARRANTY SET FORTH BELOW IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER ORAL OR WRITTEN, EXPRESSED OR IMPLIED. NO OTHER WARRANTY EXISTS IN CONNECTION WITH THE SALE OR USE OF THE SIKA PRODUCT(S) INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE AGENTS AND EMPLOYEES OF SIKA ARE NOT AUTHORIZED TO MAKE MODIFICATIONS EITHER WRITTEN OR ORAL TO THIS WARRANTY, OR ANY ADDITIONAL WARRANTIES WHICH MAY BE BINDING UPON SIKA. ACCORDINGLY ADDITIONAL STATEMENTS BY ANY EMPLOYEE OR AGENT OF SIKA, WHETHER ORAL OR WRITTEN, DO NOT CONSTITUTE WARRANTIES AND SHOULD NOT BE RELIED UPON BY OWNER, ITS EMPLOYEES, AGENTS, REPRESENTATIVES OR ANY THIRD PARTY.

SIKA CORPORATION USA
201 Polito Avenue · Lyndhurst, NJ 07071 · USA
Phone: 800 933 SIKA · Fax: 201 507 7107 · www.usa.sika.com

WAR24-SAMPLE

1. Sika warrants to the Owner that the Product(s) listed above when used as directed meets the technical properties of the Technical Data Sheet for the period of this Limited Material Warranty- ____ (_) year/s.

2. In the event of an alleged failure of the Product(s) to meet the technical properties of the Technical Data Sheet(s) during the Warranty Period, Owner agrees to promptly notify Sika in writing of the alleged failure within 7 days of the discovery of same.

3. Sika agrees that, during the Warranty Period, it will within a 7-day period after receipt of said written notice from Owner promptly inspect the Product(s). Upon inspection, if the Product(s) fails to meet the technical properties set forth in the Technical Data Sheet due to a manufacturing defect, Sika will, at its exclusive option, either replace the Product(s) or reimburse the cost of the Product(s). *Sika will at its exclusive option either reimburse or credit the direct labor costs, exclusive of overhead and profit attributable to product replacement provided Sika Product(s) is reapplied.

4. Under no circumstances will Sika be liable for the improper application of its Product(s) and/or poor workmanship by the Contractor or any other user of the Product regardless of whether a Sika employee(s) is present at the time of Product(s) application. The cost of repairs and/or replacement of a Product(s) arising from the improper application of a Sika Product(s) and/or faulty workmanship including but not limited to, improper surface preparation, improper mixing, alteration of product, improper storage, use of non-approved materials, improper Product(s) thickness, or deviations from Sika's Technical Data Sheet(s), shall be the sole responsibility of Owner or Contractor.

5. Sika will not under any circumstances be responsible for damages which are caused by acts of God, floods, fires, acts of war, criminal acts, inadequate or faulty structural design, abnormal or abusive use and wear, structural defects, building alterations, or cracks or ruptures which exist or may develop in the structure, industrial pollution, chemically reactive aggregate, chloride levels exceeding current ACI limits, ingress of moisture, inadequate distribution or design of expansion joints.

6. Any failure by Owner or its agents, employees or contractors to materially comply with the terms of this Warranty, to comply with the instructions on the Technical Data Sheet, to follow any recommended maintenance and/or cleaning procedures, to timely notify Sika of a Product failure, to allow Sika to inspect the installation and/or to obtain Sika's approval prior to any repairs being undertaken will cause this Warranty to be null and void.

WAR24-SAMPLE

7. Under no circumstances will Sika be liable for injury (including death) to workmen and/or any person resulting from or arising in connection with any Contractor's inspections, workmanship or operations during installation and/or the carrying out of repairs, if any.

8. This Agreement represents the entire understanding of the parties as to the Product(s) and it is not transferable by Owner. The obligations of Sika hereunder will not become enforceable until full payment has been received by Sika for all Sika Product(s) identified above.

9. This Warranty shall not be construed as an intent by Sika to warrant the application of a Sika Product(s) and/or the workmanship of a Contractor.

10. This Warranty shall be governed by, and construed in accordance with, the laws of the State of New Jersey, without regards to its conflicts of laws principles. The parties submit to the exclusive jurisdiction of the federal and state courts in the State of New Jersey to resolve any disputes arising out of, or in connection with, this Warranty. This Warranty supersedes any and all other warranties, or other representations, whether written or oral, heretofore made between the parties.

11. **SIKA SHALL NOT IN ANY CASE BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM ANY BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, OR ANY OTHER LEGAL THEORY. SUCH DAMAGES INCLUDE, BUT ARE NOT LIMITED TO, LOSS OF USE, OR DAMAGE TO PROPERTY, LOSS OF SERVICES, BUSINESS INTERRUPTION, USE OF SUBSTITUTE FACILITIES, DOWNTIME COSTS, OR CLAIMS OF CUSTOMERS OF THE PURCHASER FOR SUCH DAMAGES. THE REMEDY SET FORTH HERIN SHALL BE THE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST SIKA WITH RESPECT TO THE SIKA PRODUCT COVERED BY THIS WARRANTY. SIKA SHALL ALSO NOT BE RESPONSIBLE FOR THE USE OF THE SIKA PRODUCT(S) IDENTIFIED ABOVE IN A MANNER WHICH INFRINGES ON ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Manufacturer:
Sika Corporation

By:_____**SAMPLE**_____
Title: Sr. V.P. Product Engineering/Technical Services
Authorized Representative for Sika Corporation

Product Data Sheet
Edition 9.13.2012
Sikaflex-1a

Sikaflex®-1a

One part polyurethane, elastomeric sealant/adhesive

SEALANT • WATERPROOFING & RESTORATION INSTITUTE
Issued to: Sika Corporation
Product: Sikaflex®-1A
C719: Pass ✔ Ext:+35% Comp:-35%
Substrate: Mortar, Aluminum, Glass
[mortar substrate primed with Sika Primer 429]
C661: Rating 40
Validation Date: 8/3/12 – 8/2/17
No. 0812-S11211 *Copyright © 2012*
SEALANT VALIDATION
www.swrionline.org

Construction

Description

Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Meets Federal specification TT-S-00230C, Type II, Class A. Meets ASTM C-920, Type S, Grade NS, Class 35, use T, NT, O, M, G, I; Canadian standard CAN/CGSB 19.13-M87.

Where to Use

- Designed for all types of joints where maximum depth of sealant will not exceed 1/2 in.
- Excellent for small joints and fillets, windows, door frames, reglets, flashing, common roofing detail applications, and many construction adhesive applications.
- Suitable for vertical and horizontal joints; readily placeable at 40°F.
- Has many applications as an elastic adhesive between materials with dissimilar coefficients of expansion.
- Submerged conditions, such as canal and reservoir joints.

Advantages

- Eliminates time, effort, and equipment for mixing, filling cartridges, pre-heating or thawing, and cleaning of equipment.
- Fast tack-free and final cure times.
- High elasticity - cures to a tough, durable, flexible consistency with exceptional cut and tear-resistance.
- Stress relaxation.
- Excellent adhesion - bonds to most construction materials without a primer.
- Excellent resistance to aging, weathering.
- Proven in tough climates around the world.
- Odorless, non-staining.
- Jet fuel resistant.
- Certified to the NSF/ANSI Standard 61 for potable water.
- Urethane-based; suggested by EPA for radon reduction.
- Paintable with water-, oil- and rubber-based paints.
- Capable of ±35% joint movement.

Coverage

10.1 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.

Packaging

Disposable 10.1 fl. oz., moisture-proof composite cartridges, 24/case; and uni-pac sausages, 20 fl. oz., 20/carton.

Typical Data *(Material and curing conditions @ 73°F (23°C) and 50% R.H.)*

RESULTS MAY DIFFER BASED UPON STATISTICAL VARIATIONS DEPENDING UPON MIXING METHODS AND EQUIPMENT, TEMPERATURE, APPLICATION METHODS, TEST METHODS, ACTUAL SITE CONDITIONS AND CURING CONDITIONS.

Shelf Life

10.1 fl. oz. cartridges	12 months
20 fl. oz. uni-pac sausages	12 months
5 gallon pail	6 months
55 gallon drum	6 months

Storage Conditions Store at 40°-95°F (4°-35°C). Condition material to 65°-75°F before using.

VOC Content 40 g/L

Colors White, colonial white, aluminum gray, limestone, black, dark bronze, capitol tan, stone and medium bronze. Special architectural colors on request.

Application Temperature 40° to 100°F. Sealant should be installed when joint is at mid-range of its anticipated movement.

Service Range -40° to 170°F

Curing Rate

Tack-free time	3 to 6 hours
Tack-free to touch	3 hours
Final cure	4 to 7 days

Tear Strength (ASTM D-624) 55 lb./in.

Shore A Hardness (ASTM C-661) 21 day 40±5

Movement Capability (ASTM C-719) +/- 35%

Tensile Properties (ASTM D-412)

21 day	Tensile Stress		175 psi (1.21 MPa)
	Elongation at Break		550%
	Modulus of Elasticity	25%	35 psi (0.24 MPa)
		50%	60 psi (0.41 MPa)
		100%	85 psi (0.59 MPa)

Adhesion in Peel (TT-S-00230C, ASTM C 794)

Substrate	Peel Strength	Adhesion Loss
Concrete	20 lb.	0%
Aluminum	20 lb.	0%
Glass	20 lb.	0%

Weathering Resistance Excellent

Chemical Resistance Good resistance to water, diluted acids, and diluted alkalines. Consult Technical Service for specific data.

Construction

How to Use

Surface Preparation

Clean all surfaces. Joint walls must be sound, clean, dry, frost-free, and free of oil and grease. Curing compound residues and any other foreign matter must be thoroughly removed. A roughened surface will also enhance bond. Install bond breaker tape or backer rod to prevent bond at base of joint.

Priming

Priming is not usually necessary. Most substrates only require priming if testing indicates a need or where sealant will be subjected to water immersion after cure.

Consult Sikaflex Primer Technical Data Sheet or Technical Service for additional information on priming.

Application

Recommended application temperatures: 40°-100°F. For cold weather application, condition units at approximately 70°F; remove prior to using.

For best performance, Sikaflex-1a should be gunned into joint when joint slot is at mid-point of its designed expansion and contraction.

Place nozzle of gun into bottom of the joint and fill entire joint. Keep the nozzle in the sealant, continue on with a steady flow of sealant preceding the nozzle to avoid air entrapment.

Avoid overlapping of sealant to eliminate entrapment of air. Tool sealant to ensure full contact with joint walls and remove air entrapment. Joint dimension should allow for 1/4 inch minimum and 1/2 inch maximum thickness for sealant. Proper design is 2:1 width to depth ratio,

For use in horizontal joints in traffic areas, the absolute minimum depth of the sealant is 1/2 in. and closed cell backer rod is recommended.

Linear Feet of Sealant per Gallon

Width \ Depth	Inches	¼	½
	¼	308.0	
	½	154.0	77.0
	¾	102.7	51.3
	1	77.0	38.5
	1 ½	61.6	30.8
	1 ¾	51.3	25.7

Limitations

- Allow 1-week cure at standard conditions when using Sikaflex-1a in total water immersion situations and prior to painting.
- When overcoating with water, oil and rubber based paints, compatibility and adhesion testing is essential.
- Avoid exposure to high levels of chlorine. (Maximum continuous level is 5 ppm of chlorine.)
- Maximum depth of sealant must not exceed 1/2 in.; minimum depth is 1/4 in.
- Maximum expansion and contraction should not exceed 25% of average joint width.
- Do not cure in the presence of curing silicone sealants.
- Avoid contact with alcohol and other solvent cleaners during cure.
- Do not apply when moisture-vapor-transmission condition exists from the substrate as this can cause bubbling within the sealant.
- Use opened cartridges and uni-pac sausages the same day.
- When applying sealant, avoid air-entrapment.
- Since system is moisture-cured, permit sufficient exposure to air.
- White color tends to yellow slightly when exposed to ultraviolet rays.
- Light colors can yellow if exposed to direct gas fired heating element.
- The ultimate performance of Sikaflex-1a depends on good joint design and proper application with joint surfaces properly prepared.
- The depth of sealant in horizontal joints subject to traffic is 1/2 in.
- Do not tool with detergent or soap solutions.
- Do not use in contact with bituminous/asphaltic materials.

Caution

WARNING: IRRITANT, SENSITIZER. Contains Polyisocyanate Prepolymer (Mixture), Xylene (CAS 1330-20-7). Causes eye irritation. May cause skin/respiratory irritation. May cause skin and/or respiratory sensitization after prolonged contact. May be harmful if swallowed. Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney and nervous system damage. Headaches and dizziness may result. **Deliberate misuse by inhalation of vapors may be harmful or fatal. Strictly follow all usage, handling and storage instructions.**

Handling & Storage

Avoid direct contact. Wear personal protective equipment (chemical resistant goggles/gloves/clothing) to prevent direct contact with skin and eyes. Use only in well ventilated areas. Open doors and windows during use. Use a properly fitted NIOSH respirator if ventilation is poor. Wash thoroughly with soap and water after use. Remove contaminated clothing and launder before reuse. Store in cool dry well ventilated area.

Cleanup

Use personal protective equipment (chemical resistant gloves/goggles/clothing). Without direct contact, remove spilled or excess product and placed in suitable sealed container. Dispose of excess product and container in accordance with applicable environmental regulations.

First Aid Measures

Eyes: Hold eyelids apart and flush thoroughly with water for 15 minutes. **Skin**: Remove contaminated clothing. Wash skin thoroughly for 15 minutes with soap and water. **Inhalation:** Remove to fresh air. **Ingestion:** Do not induce vomiting. Dilute with water. Contact physician. **In all cases contact a physician immediately if symptoms persist.**

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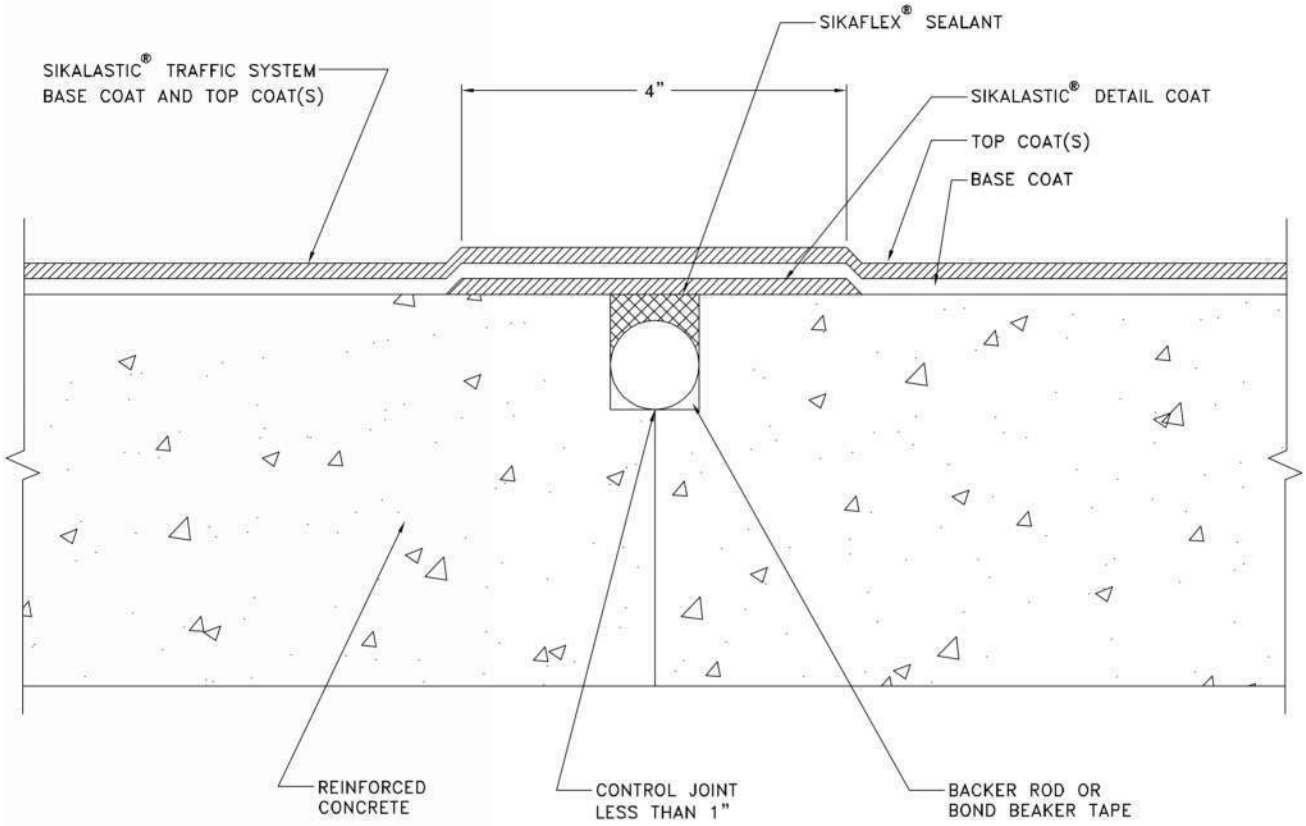
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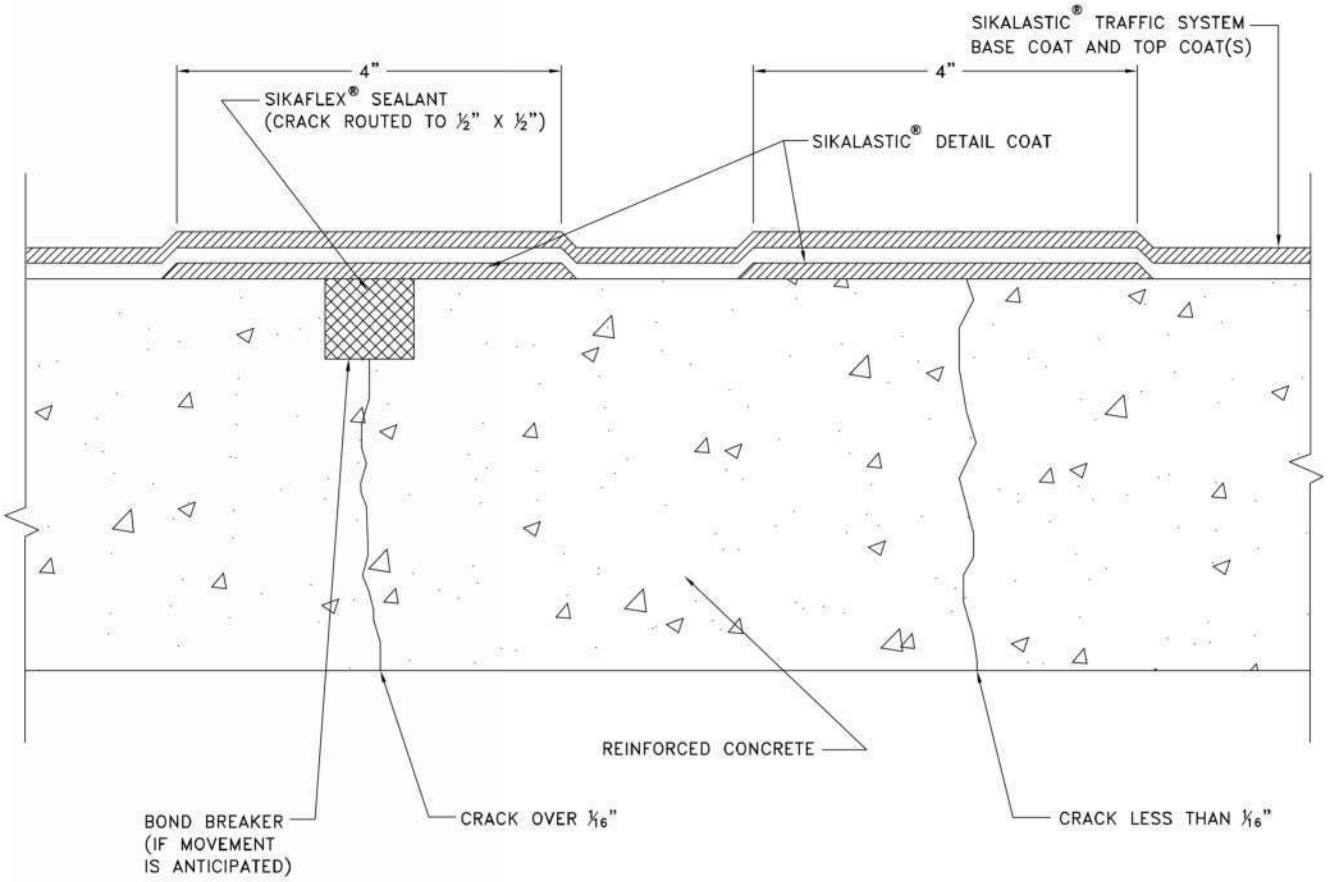
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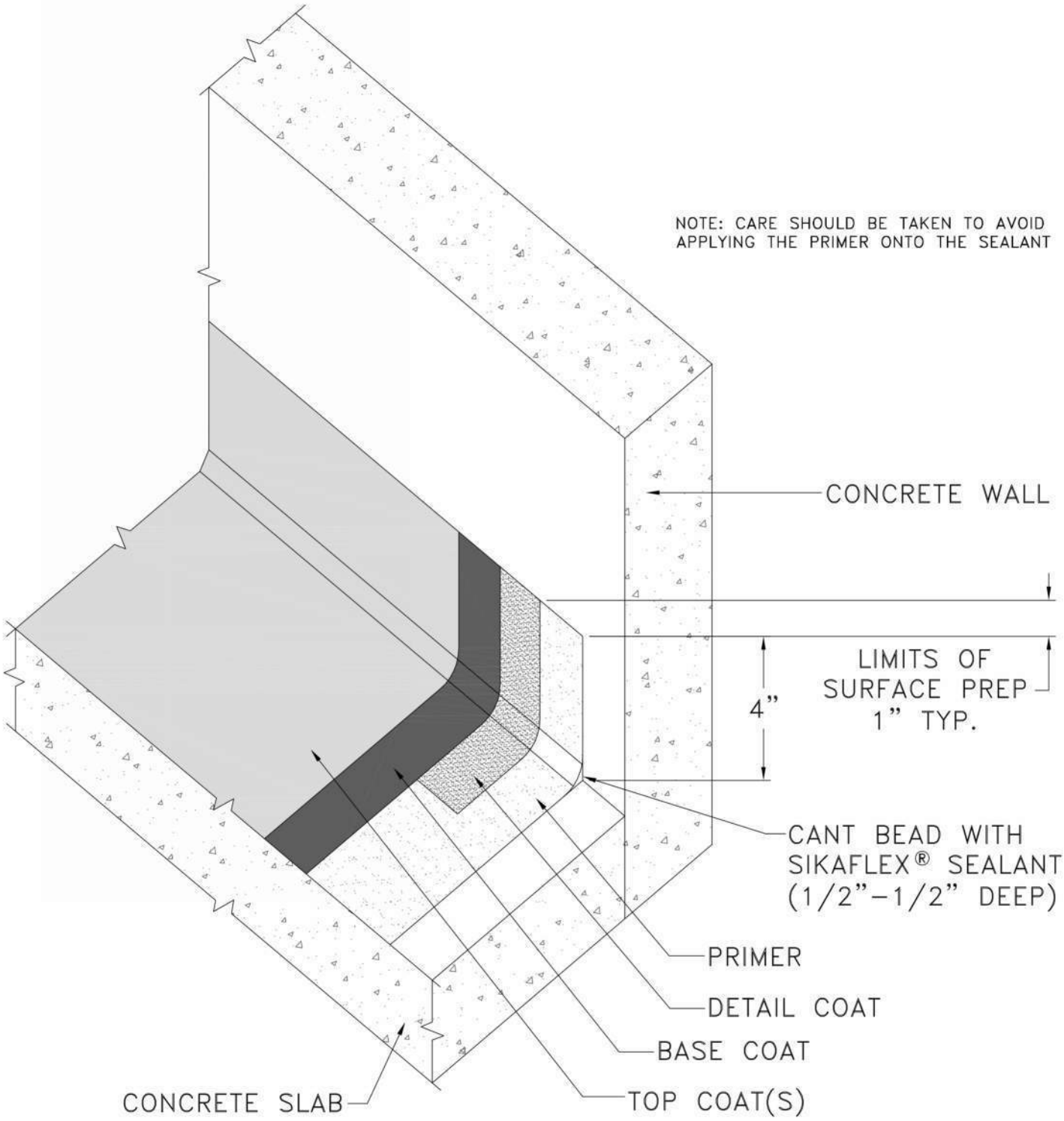
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	DETAIL TITLE CONTROL JOINT DETAIL			
	SCALE: N.T.S.	DATE: 9/13	FILE NO.:	DRW. NO.: TR-1

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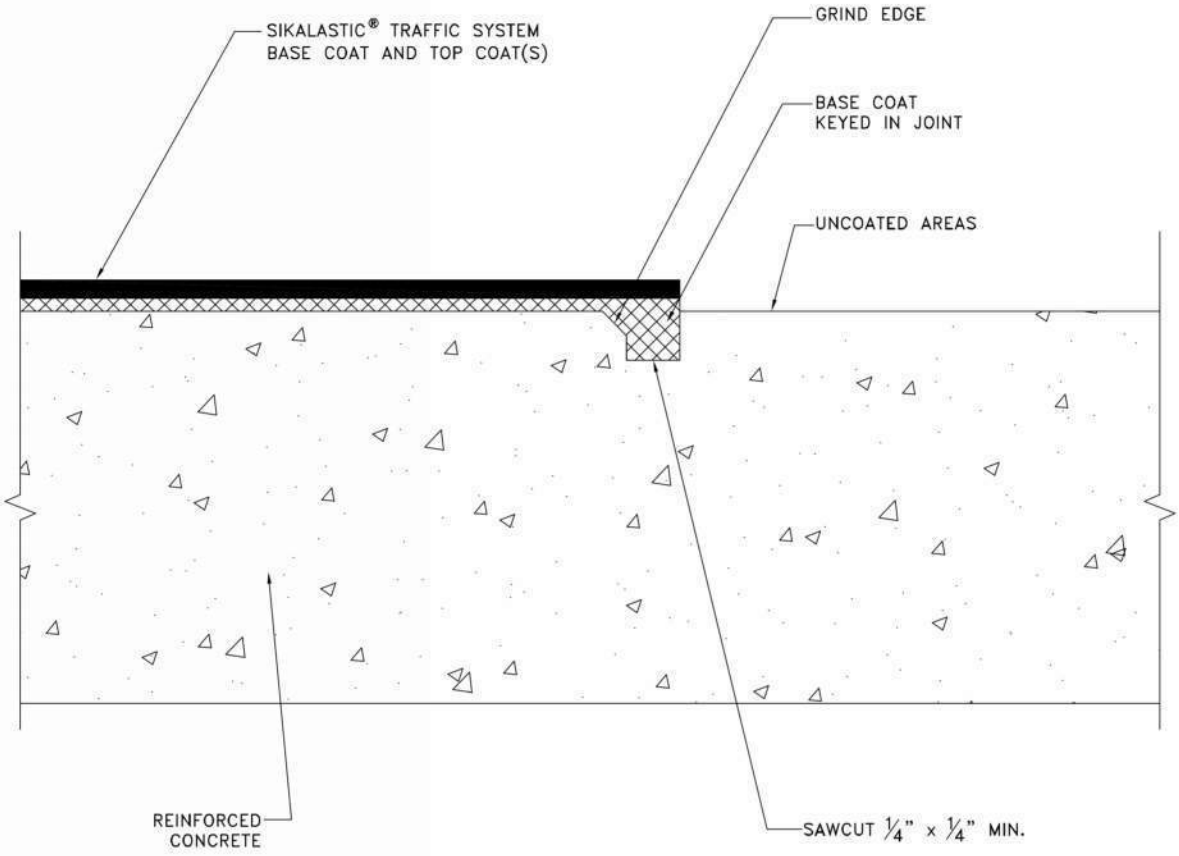
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	DETAIL TITLE: CRACK DETAIL			
	SCALE: N.T.S.	DATE: 9/13	FILE NO.:	DRW. NO.: TR-2

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1-800-933-SIKA (7452) WWW.SIKAUSA.COM	JOB NAME:			
	DETAIL TITLE WALL/SLAB JOINT DETAIL			
	SCALE: N.T.S.	DATE: 9/13	FILE NO.:	DRW. NO.: TR-8

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1-800-933-SIKA (7452) www.sikausa.com	JOB NAME:			
	DETAIL TITLE TERMINATION DETAIL			
	SCALE: N.T.S.	DATE: 9/13	FILE NO.:	DRW. NO.: TR-12

AS A MANUFACTURER OF CONSTRUCTION PRODUCTS, SIKA CORPORATION PROVIDES GENERIC DETAILS AS A GENERAL GUIDE FOR INFORMATION PURPOSES ONLY. THESE DETAILS ARE NOT INTENDED TO REPLACE SOUND ENGINEERING AND ARCHITECTURAL PRACTICES AND SHOULD NOT BE RELIED UPON FOR THAT PURPOSE. SIKA CORPORATION ASSUMES NO LIABILITY WITH RESPECT TO THE DESIGN OF THE SYSTEM. THE ARCHITECT, CONSULTANT AND/OR ENGINEER OR DESIGN PROFESSIONAL FOR A PARTICULAR PROJECT BEARS THE SOLE RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM, FOR THE PREPARATION AND APPROVAL OF THE PROJECT SPECIFICATIONS, DETAILS AND SHOP DRAWINGS, AND FOR DETERMINING THEIR SUITABILITY FOR A PARTICULAR PROJECT OR APPLICATION. WHILE SIKA PROVIDES GENERAL INSTRUCTIONS FOR THE INSTALLATION OF ITS MATERIALS, THE MEANS AND METHODS USED BY THE CONTRACTOR FOR MATERIAL STORAGE, SUBSTRATE EVALUATION, SURFACE PREPARATION, AND THE INSTALLATION OF BOTH SIKA AND NON-SIKA MATERIALS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR MUST ALWAYS READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS ON SIKA PRODUCT LABELS, TECHNICAL DATA SHEETS, AND MATERIAL SAFETY DATA SHEETS AVAILABLE AT WWW.SIKAUSA.COM. **SIKA CORPORATION MAKES NO WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, AS TO THE CONTENT OF THIS GUIDE DETAIL. SIKA SHALL NOT BE RESPONSIBLE UNDER ANY LEGAL THEORY TO ANY THIRD PARTY FOR ANY DIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND ARISING FROM THE USE OF THIS GUIDE DETAIL. ALL PRODUCTS AND SERVICES PROVIDED BY SIKA CORPORATION ARE SUBJECT TO ITS TERMS AND CONDITIONS OF SALE AVAILABLE AT WWW.SIKAUSA.COM.**

COMMERCIAL GRADE SANDS

PRODUCT NOS. 1961, 1962, 1963

DIVISION **32**

Aggregate
32 15 00

PRODUCT DESCRIPTION

QUIKRETE® Commercial grade sands are narrowly graded clean dry silica sands. They are available in three grades, fine (No. 1961), medium (No. 1962) and coarse (No. 1963).



PRODUCT USE

QUIKRETE® Commercial grade sands are silica sands which can be used alone or in combinations to provide a variety of gradations for any commercial application requiring high quality silica sands.

SIZES

• Available in 50 lb (22.7 Kg) and 100 lb (45.4 Kg) bags.

TECHNICAL DATA

QUIKRETE® Commercial grade sand is available in the following sizes:

Grade	Predominant Size Range US sieve number (mm)
Coarse No. 1963	#12 - #30 (1.7-0.6 mm)
Medium No. 1962	#20 - #50 (0.8-0.3 mm)
Fine No. 1961	#30 - #70 (0.6-0.2 mm)

PRECAUTIONS

• NOT RECOMMENDED FOR ABRASIVE BLASTING

WARRANTY

The QUIKRETE® Companies warrant this product to be of merchantable quality when used or applied in accordance with the instructions herein. The product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of its product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to The QUIKRETE® Companies in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

The QUIKRETE® Companies
One Securities Centre
3490 Piedmont Rd., NE, Suite 1300, Atlanta, GA 30305
(404) 634-9100 • Fax: (404) 842-1425

** Refer to www.quikrete.com for the most current technical data, MSDS, and guide specifications*

Construction

SikaQuick® 1000

Rapid hardening repair mortar with extended working time

Description	SikaQuick® 1000 is a 1-component, rapid hardening, early strength gaining, cementitious, patching material for concrete.
Where to Use	■ Use on grade, above, and below grade on concrete. ■ Highway overlays and repairs. ■ Structural repair material for concrete roadways, parking structures, bridges, dams and ramps. ■ Full depth patching repairs. ■ Economical patching material for horizontal repairs of concrete and mortar.
Advantages	■ Specially suited for hot weather applications when extended working time is required. ■ Rapid hardening as defined by ASTM C-928. ■ Epoxy coatings can be applied as early as 6 hrs. On site testing is recommended for verification. Please consult coatings manufacturer for recommendations. ■ Freeze/thaw resistant. ■ Easy to use, labor-saving material. ■ Not gypsum-based. ■ High early strength. ■ Open to foot traffic in 4 hours; to vehicle traffic in 6 hours (at 73°F). ■ Easily applied to clean, sound substrate. ■ Not a vapor barrier.

Typical Data (Material and curing conditions @ 73°F (23°C) and 50% R.H.) (Water/powder = 0.10)

RESULTS MAY DIFFER BASED UPON STATISTICAL VARIATIONS DEPENDING UPON MIXING METHODS AND EQUIPMENT, TEMPERATURE, APPLICATION METHODS, TEST METHODS, ACTUAL SITE CONDITIONS AND CURING CONDITIONS.

Shelf Life		1 year in original, unopened bag.
Storage Conditions		Store dry at 40°-95°F (4°-35°C). For best results, condition material to 65°-75°F before using.
Color		Concrete gray.
Mixing Ratio		Approximately 4.5 - 5 pints of liquid per 50 lb. bag.
Application Life		Approximately 30 minutes after adding powder to the water.
Compressive Strength, psi		**Mortar - ASTM C-109**
	3 hours	1,250 psi (8.6 MPa)
	1 day	4,000 psi (27.6 MPa)
	7 days	5,000 psi (34.5 MPa)
	28 days	7,000 psi (48.2 MPa)
Flexural Strength, psi (ASTM C-78)		
	1 day	700 psi (4.8 MPa)
	7 days	900 psi (6.2 MPa)
	28 days	1,000 psi (6.9 MPa)
Splitting Tensile Strength, psi (ASTM C-496)		
	1 day	300 psi (2.0 MPa)
	7 days	400 psi (2.7 MPa)
	28 days	500 psi (3.4 MPa)
Bond Strength, psi (ASTM C-882) modified		
	1 day	1750 psi (12.0 MPa)
	7 days	2000 psi (13.8 MPa)
	28 days	2500 psi (17.2 MPa)
Direct Tensile Bond, psi (ACI 503)	**28 days**	300 psi (substrate failure)
Drying Shrinkage, % (ASTM C-596)	**28 days**	0.06
Modulus of Elasticity, psi (ASTM C-469)	**28 days**	4.6×10^6
Chloride Permeability, Coulombs (ASTM C-1202)	**28 days**	< 1000
Freeze/Thaw Resistance, % (ASTM C-666)	**28 days**	98%
Scaling Resistance, lb./ft² (ASTM C-672)	**50 cycles**	0.080
Initial Set, Minutes (ASTM C-266)		40-90
Final Set, Minutes (ASTM C-266)		60-120
Abrasion Resistance, Inches of Wear at 1 hr. (ASTM C-779)	**28 days**	0.026

*Independent certificates available upon request.

PRIOR TO EACH USE OF ANY SIKA PRODUCT, THE USER MUST ALWAYS READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS ON THE PRODUCT'S MOST CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET WHICH ARE AVAILABLE ONLINE AT HTTP://USA.SIKA.COM/ OR BY CALLING SIKA'S TECHNICAL SERVICE DEPARTMENT AT 800.933.7452 NOTHING CONTAINED IN ANY SIKA MATERIALS RELIEVES THE USER OF THE OBLIGATION TO READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS FOR EACH SIKA PRODUCT AS SET FORTH IN THE CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET PRIOR TO PRODUCT USE. **A120**

Construction

Coverage	Approximately 0.42 cu. ft. When extended with 25 lbs. of 3/8 in. gravel yield is approximately 0.58 cu. ft.
Packaging	50 lb. multi-wall bag.

How to Use

Surface Preparation

Surface must be clean and sound. Remove all deteriorated concrete, dirt, oil, grease, and other bond-inhibiting materials from the area to be repaired. Be sure repair area is not less than 1/4 in. deep. Preparation work should be done by appropriate means. Obtain an exposed aggregate surface with a minimum surface profile of ± 1/8 in. (CSP-6) on clean, sound concrete. To ensure optimum repair results, the effectiveness of decontamination and preparation should be assessed by a pull-off test. Saw cutting of edges is preferred and a dovetail is recommended. Saturate surface to be repaired with clean water. Substrate should be saturated surface dry (SSD) prior to application.

Priming

For priming of reinforcing steel use Sika® Armatec® 110 EpoCem (consult Technical Data Sheet). Concrete Substrate: Prime the prepared substrate with a scrub coat of SikaQuick® 1000 prior to placement of the mortar. The repair mortar has to be applied into the wet scrub coat before it dries.

Mixing

Mechanically mix in an appropriately sized mortar mixer. Wet down all tools and mixer to be used.
With water: Start with 4.5 pints of water added to the mixing vessel. Add 1 bag of SikaQuick® 1000 while continuing to mix. Add up to another 1/2 pint of water to achieve desired consistency. Do not over-water.
With Latex R: Pour 4.5 pints of SikaLatex® R into the mixing container. Slowly add powder, mix and adjust as above.
With diluted Latex R: SikaLatex® R may be diluted up to 5:1 (water: SikaLatex® R) for projects requiring minimal polymer modification. Pour 4.5 pints of the mixture into the mixing container. Slowly add powder, mix and adjust as above. For applications greater than 1 in. in depth, add 3/8 in. coarse aggregate. The aggregate must be non-reactive (reference ASTM C-1260, C-227 and C-289), clean, well graded, saturated surface dry, have low absorption and high density, and comply with ASTM C-33 size number 8 per Table 2.
Note: Variances in aggregate may result in different strengths. The addition rate is 25 lbs. of aggregate per bag of SikaQuick ®1000. (25 lbs. of 3/8 in. aggregate is approximately 2.0 gallons by loose volume of aggregate). Do not exceed a slump of 7 in. This may cause excessive bleeding and retardation and will reduce the strength and performance of the material.

Application

The prepared mortar must be scrubbed into substrate. Be sure to fill all pores and voids. Force material against edge of repair, working toward center. After filling repair, screed off excess. Allow concrete to set to desired stiffness, then finish. If a smoother finish is desired, a magnesium float should be used. Mixing, placing, and finishing should not exceed 30 minutes maximum. To control setting times, cold water should be used in hot weather and hot water used in cold weather.

Tooling & Finishing

As per ACI recommendations for portland cement concrete, curing is required. Moist cure with wet burlap and polyethylene,a fine mist of water or a curing compound meeting ASTM C-309. Moist cure should commence immediately after finishing. If necessary, protect newly applied material from rain. To prevent from freezing, cover with insulating material.

Limitations

- Minimum ambient and surface temperatures 45°F and rising.
- Minimum application thickness 1/4 in. as a mortar and 1 in. extended with aggregate.
- Maximum application thickness 1 in. as a mortar and 6 in. extended with aggregate.
- Do not feather edge.
- Do not exceed 7 in. slump when extended.
- Use only potable water.
- Variations in aggregates may produce differences in strengths from the typical values stated in Sika's Technical Data.
- As with all cement based materials, avoid contact with aluminum to prevent adverse chemical reaction and possible product failure. Insulate potential areas of contact by coating aluminum bars, rails, posts etc. with an appropriate epoxy such as Sikadur® Hi-Mod 32.
- Do not use Sika® Armatec® 110 EpoCem as a bonding agent with SikaQuick® 1000.

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KEEP CONTAINER TIGHTLY CLOSED. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. FOR PROFESSIONAL USE ONLY.

For further information and advice regarding transportation, handling, storage and disposal of chemical products, users should refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety related data. Read the current actual Safety Data Sheet before using the product. In case of emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Safety Data Sheet which are available online at http://usa.sika.com/ or by calling Sika's Technical Service Department at 800-933-7452. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Product Data Sheet, product label and Safety Data Sheet prior to product use.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS. SALE OF SIKA PRODUCTS ARE SUBJECT SIKA'S TERMS AND CONDITIONS OF SALE AVAILABLE AT HTTP://USA.SIKA.COM/ OR BY CALLING 201-933-8800.

Visit our website at usa.sika.com **1-800-933-SIKA NATIONWIDE**

Regional Information and Sales Centers. For the location of your nearest Sika sales office, contact your regional center.

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201 Polito Avenue
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Phone: 800-933-7452
Fax: 201-933-6225

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Fax: 514-694-2792

Sika Mexicana S.A. de C.V.
Carretera Libre Celaya Km. 8.5
Fracc. Industrial Balvanera
Corregidora, Queretaro
C.P. 76920
Phone: 52 442 2385800
Fax: 52 442 2250537

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Reference Document C

OFCI Signage Types and Proofs

Transmittal

ELLENZWEIG
ARCHITECTURE | PLANNING

To

Jennifer Twitchell
Karin Yocum
Takeform
11601 Maple Ridge Road
Medina, NY 14103

Project: 161026-04 Renovate Plant Science

Subject: Signage Submittal Review - RND_rev6
Signage Types

Project number: 31909.00

Date: 6/5/25

From

■ Attached
☐ Under separate cover
☐ via air courier
☐ via mail
☐ via messenger
☐ via other:

We are sending you:
☐ disks
☐ photocopies
☐ prints
☐ samples
☐ other:

These are transmitted:
☐ for approval
☐ for your use
☐ as requested
☐ for your files
☐ for review and comment

☐ approved as submitted
■ approved as noted
☐ returned for corrections
☐ other:

Description

Remarks

Copies to

APPROVED	■
APPROVED ONLY AS CORRECTED	☐
APPROVED IN PART RESUBMIT ITEMS NOTED	☐
REVISE AND RESUBMIT	☐
NOT APPROVED	☐
REVIEWED	☐

REVIEWING IS ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED AT THE SITE; FOR INFORMATION THAT PERTAINS SOLELY TO THE FABRICATION PROCESSES OR TO THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION, FOR COORDINATION OF THE WORK OF ALL TRADES; AND FOR JOB SAFETY.

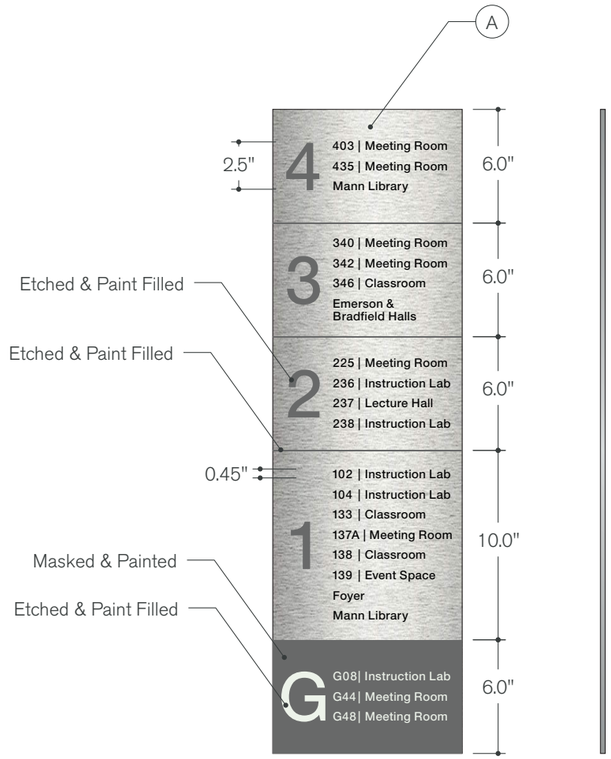
ACCEPTANCE OF THIS SUBMITTAL DOES NOT AUTHORIZE OR RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR DEVIATIONS FROM THE DRAWINGS OR SPECIFICATIONS OF OTHER CONTRACT DOCUMENTS, OR FROM INSTRUCTIONS OR SUPPLEMENTARY DRAWINGS FURNISHED BY THE ARCHITECT UNLESS THE CONTRACTOR HAS, IN WRITING, CALLED THE ARCHITECT'S ATTENTION TO SUCH DEVIATIONS AT THE TIME OF SUBMITTAL, NOR DOES THE ACCEPTANCE RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS IN THIS SUBMITTAL.

ELLENZWEIG

Date: 06/05/2026

BY: Amelia Thrall

105 Madison Avenue New York, New York 10016 T 212.213.2280
230 Congress Street Boston, Massachusetts 02110 T 617.491.5575 F 617.868.2318 W ellenzweig.com

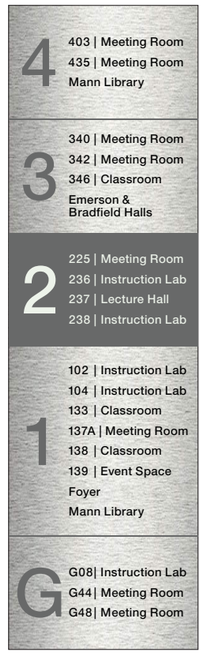


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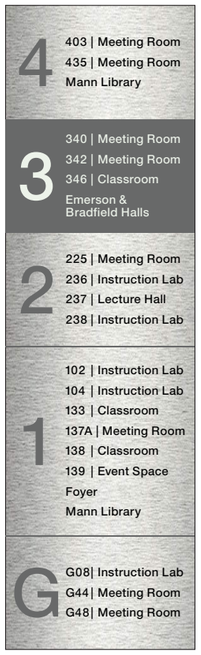
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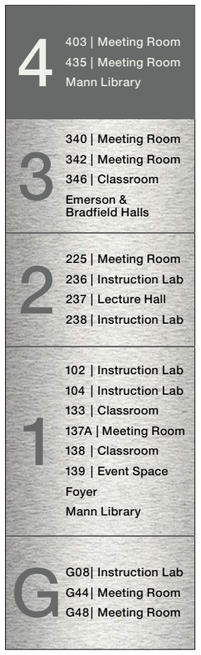
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Alternate Layout



Type SG-01
Alternate Layout



Type SG-01
Alternate Layout



Type SG-01
Alternate Layout

Etched Metal Plaque

A

Metal: Aluminum
Thickness: .25"
Raised Finish: Horizontal Satin (100-Grit)
Etched Fill Color: To match **#6A6A6A** (Color B), **#000000** (Black), **#F1F4EC** (White)
Masked & Painted: To match **#6A6A6A** (Color B)
Edge: Matte
Clear Coat: Satin
Font: Helvetica (ADA)
Mounting: Concealed Stud

takeform
11601 Maple Ridge Rd, Medina, NY, 14103
P 800.528.1398 F 585.798.8889
www.takeform.net

Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

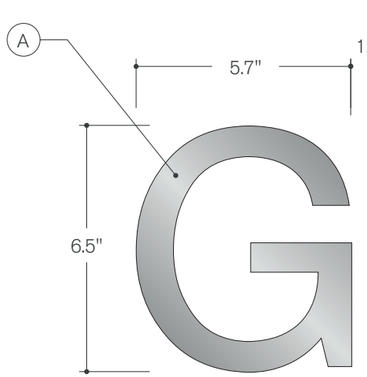
Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 1½" = 1'

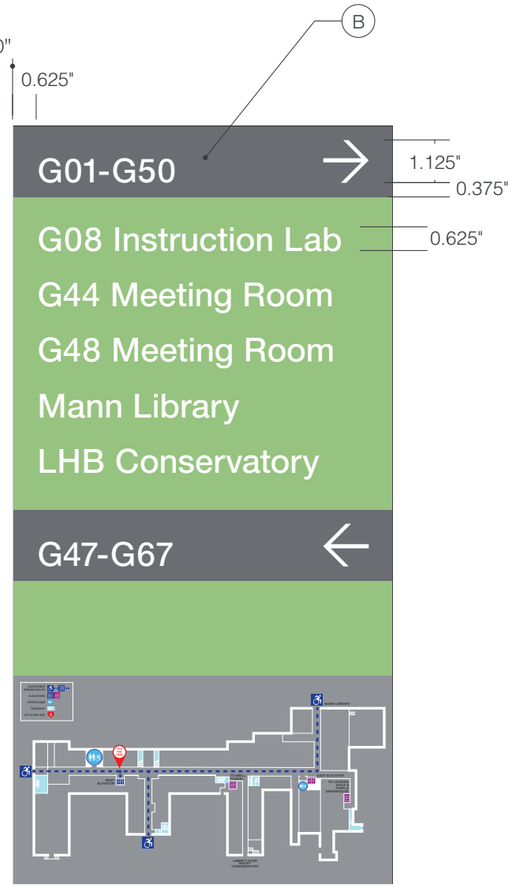
Notes:
- Sign copy shown is for sample purposes only

Product Approval

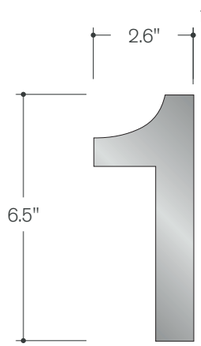
☐ As Is ☐ As Noted
Approved By: _____
Date: _____



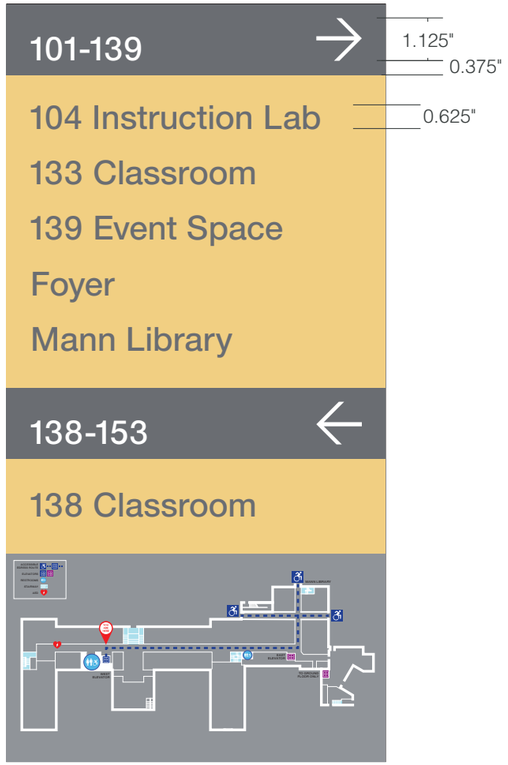
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Dimensional Letters



Type SG-02A.1g Size of VV1AW-020040
10.0"w X 20.0"h



Type SG-03
Alternate Layout



Type SG-02A.1y Size of VV1AW-020040
10.0"w X 20.0"h



End View

Production Note: All signs to have square corners

Flat Cut Aluminum (SA)

A
Thickness: .25"
Face Finish: Satin Brushed
Edge Finish: Matte
Brush Direction: Horizontal
Font: Helvetica (ADA)
Mounting: Stud Flush

Direct Print Vivid

B
.1875"NG / .1875"White
Colors: ***See Color Key,***
#6D6E72 (Color A), **#949599** (Color C)
Font: Helvetica (ADA)
Map: Design/_MAPS

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U

- **#6D6E72** (Color A)
- **#6A6A6A** (Color B)
- **#949599** (Color C)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

Revisions:
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04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 3" = 1'

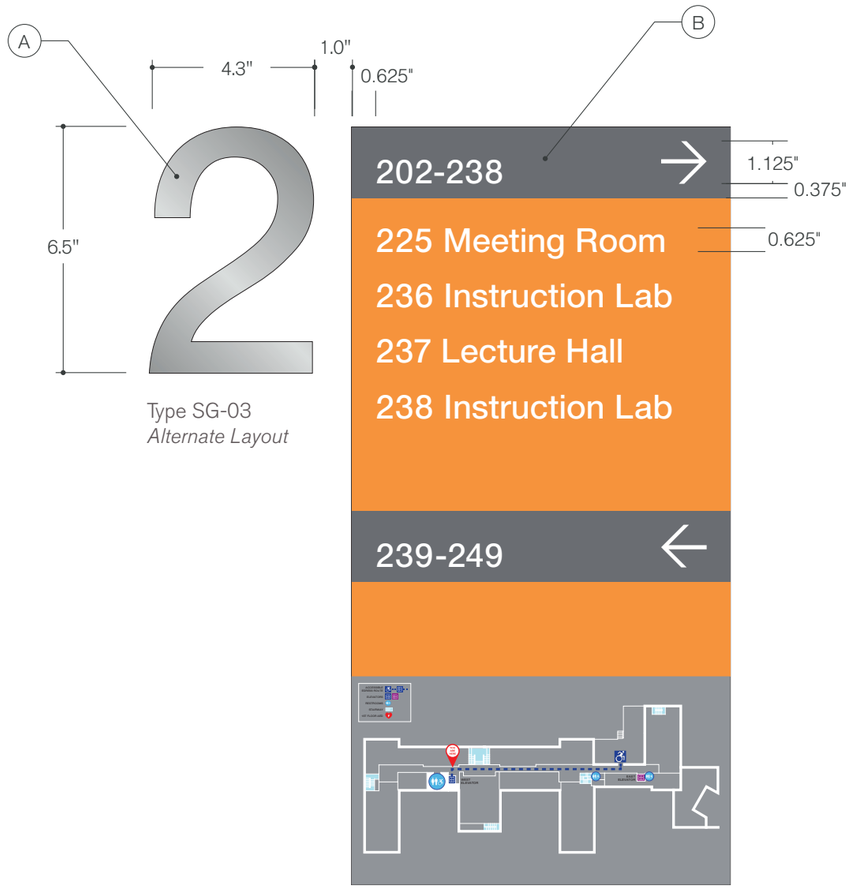
Vivid
IMAGE INTENSE SIGNAGE

Notes:
- Uppercase, brailled copy to be raised. All other copy, including pictograms, to be printed unless otherwise noted.
- Sign copy shown is for sample purposes only

Window Backer if required:
- Vivid: White Appliqué

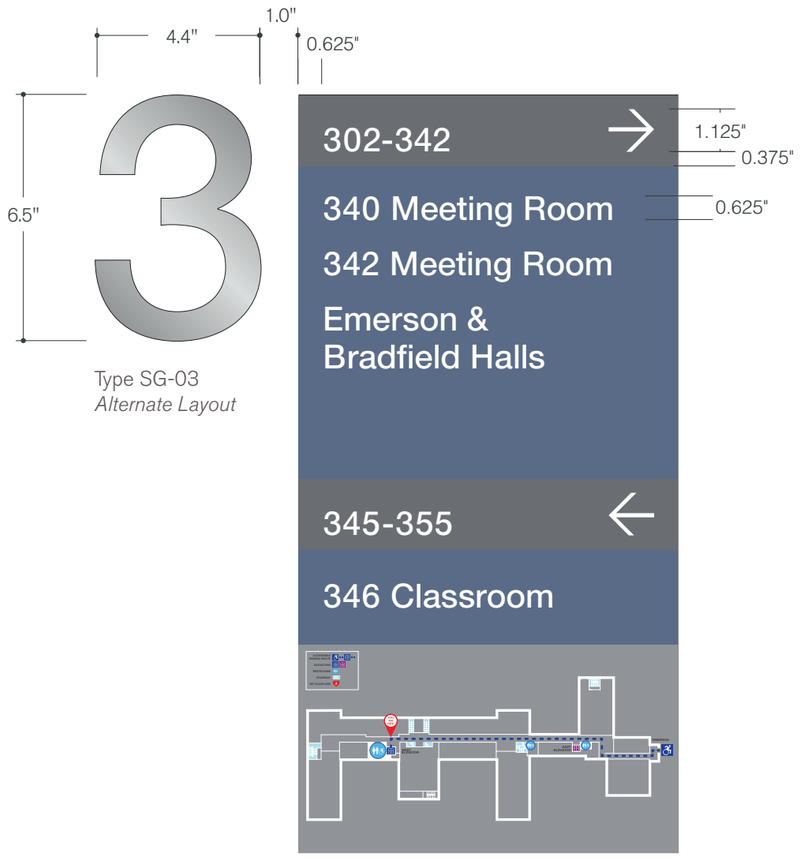
Product Approval

☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Type SG-03
Alternate Layout

Type SG-02A.1o Size of VV1AW-020040
10.0"w X 20.0"h



Type SG-03
Alternate Layout

Type SG-02A.1b Size of VV1AW-020040
10.0"w X 20.0"h



End View

Production Note: All signs to have square corners

Flat Cut Aluminum (SA)

A
Thickness: .25"
Face Finish: Satin Brushed
Edge Finish: Matte
Brush Direction: Horizontal
Font: Helvetica (ADA)
Mounting: Stud Flush

Direct Print Vivid

B
.1875"NG / .1875"White
Colors: ***See Color Key,***
#6D6E72 (Color A), **#949599** (Color C)
Font: Helvetica (ADA)
Map: Design/_MAPS

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U

- **#6D6E72** (Color A)
- **#6A6A6A** (Color B)
- **#949599** (Color C)

takeform
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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 3" = 1'

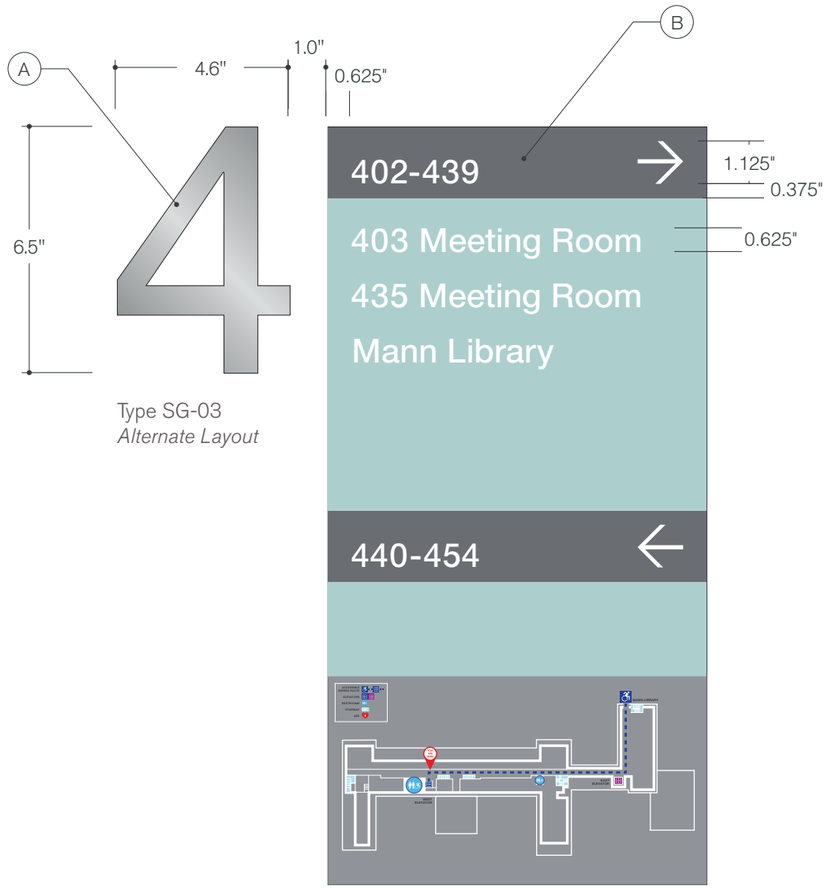
Vivid
IMAGE INTENSE SIGNAGE

Notes:
- Uppercase, brailled copy to be raised. All other copy, including pictograms, to be printed unless otherwise noted.
- Sign copy shown is for sample purposes only

Window Backer if required:
- Vivid: White Appliqué

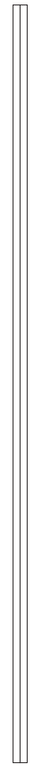
Product Approval

☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Type SG-03
Alternate Layout

Type SG-02A.1t Size of VV1AW-020040
10.0"w X 20.0"h



End View

Production Note: All signs to have square corners

Flat Cut Aluminum (SA)

A
Thickness: .25"
Face Finish: Satin Brushed
Edge Finish: Matte
Brush Direction: Horizontal
Font: Helvetica (ADA)
Mounting: Stud Flush

Direct Print Vivid

B
.1875"NG / .1875"White
Colors: ***See Color Key,*** **#6D6E72** (Color A), White
Font: Helvetica (ADA)
Map: Design/_MAPS

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U

- **#6D6E72** (Color A)
- **#6A6A6A** (Color B)
- **#949599** (Color C)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 3" = 1'

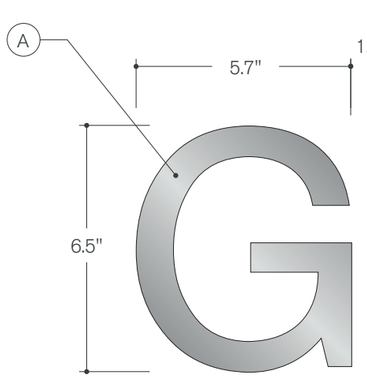
Vivid
IMAGE INTENSE SIGNAGE

Notes:
- Uppercase, brailled copy to be raised. All other copy, including pictograms, to be printed unless otherwise noted.
- Sign copy shown is for sample purposes only

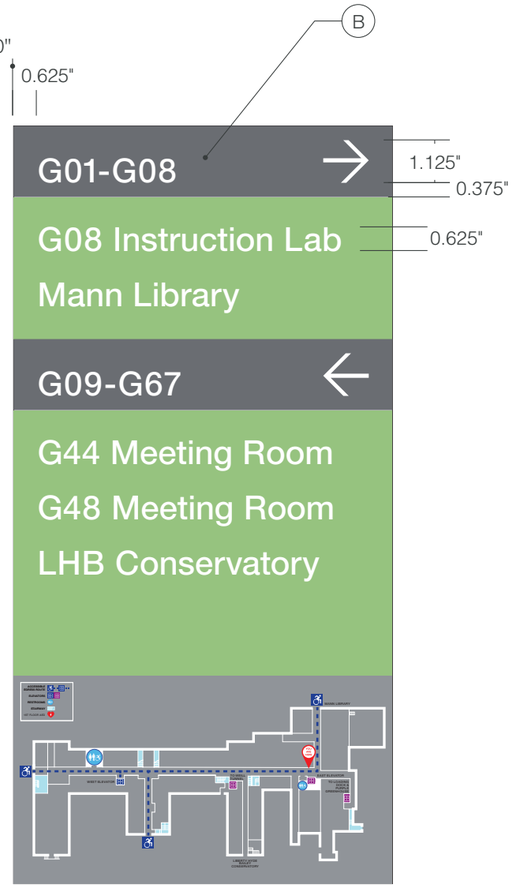
Window Backer if required:
- Vivid: White Appliqué

Product Approval

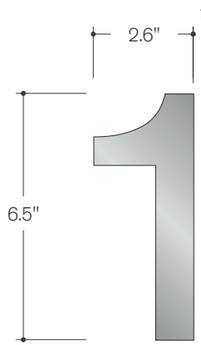
☐ As Is ☐ As Noted
Approved By: _____
Date: _____



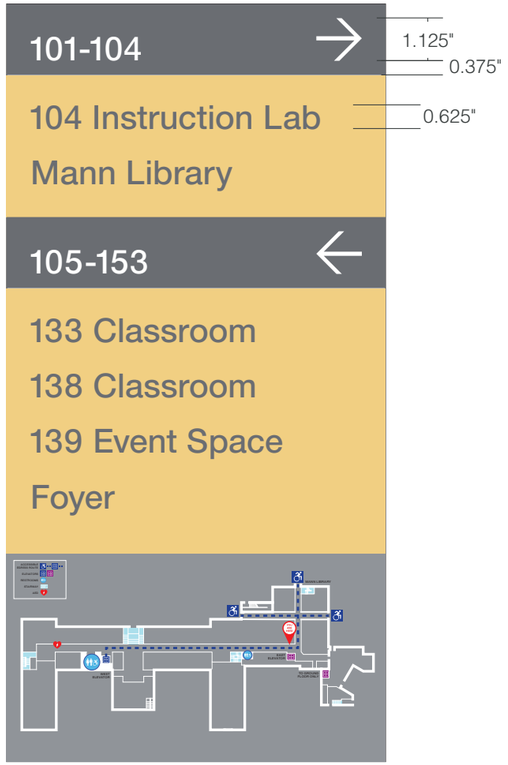
Type SG-03
Dimensional Letters



Type SG-02A.2g Size of VV1AW-020040
10.0"w X 20.0"h



Type SG-03
Alternate Layout



Type SG-02A.2y Size of VV1AW-020040
10.0"w X 20.0"h



End View

Production Note: All signs to have square corners

Flat Cut Aluminum (SA)

A
Thickness: .25"
Face Finish: Satin Brushed
Edge Finish: Matte
Brush Direction: Horizontal
Font: Helvetica (ADA)
Mounting: Stud Flush

Direct Print Vivid

B
.1875"NG / .1875"White
Colors: ***See Color Key,***
#6D6E72 (Color A), **#949599** (Color C)
Font: Helvetica (ADA)
Map: Design/_MAPS

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U

- **#6D6E72** (Color A)
- **#6A6A6A** (Color B)
- **#949599** (Color C)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 3" = 1'

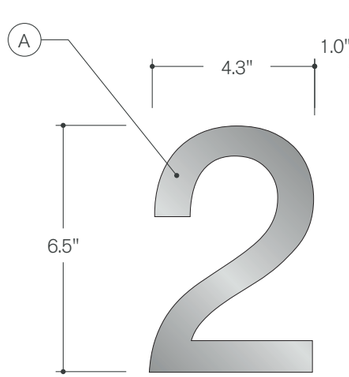
Vivid
IMAGE INTENSE SIGNAGE

Notes:
- Uppercase, brailled copy to be raised. All other copy, including pictograms, to be printed unless otherwise noted.
- Sign copy shown is for sample purposes only

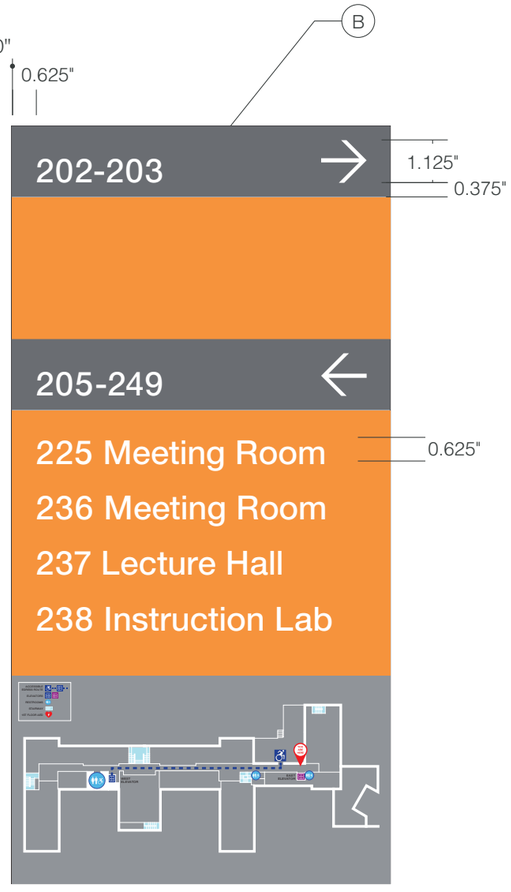
Window Backer if required:
- Vivid: White Appliqué

Product Approval

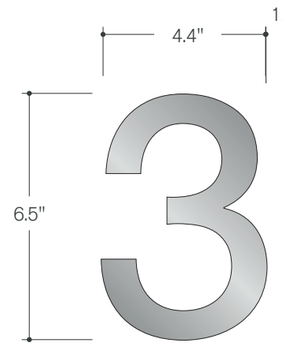
☐ As Is ☐ As Noted
Approved By: _____
Date: _____



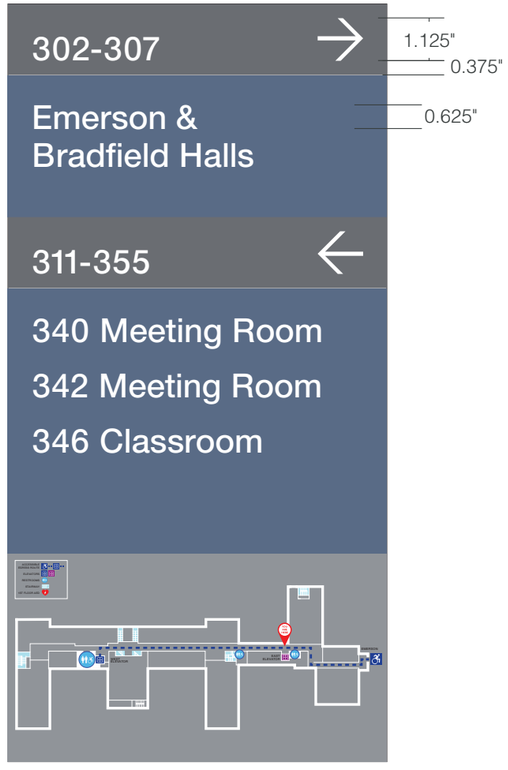
Type SG-03
Alternate Layout



Type SG-02A.2o Size of VV1AW-020040
10.0"w X 20.0"h



Type SG-03
Alternate Layout



Type SG-02A.2b Size of VV1AW-020040
10.0"w X 20.0"h



End View

Production Note: All signs to have square corners

Flat Cut Aluminum (SA)

A
Thickness: .25"
Face Finish: Satin Brushed
Edge Finish: Matte
Brush Direction: Horizontal
Font: Helvetica (ADA)
Mounting: Stud Flush

Direct Print Vivid

B
.1875"NG / .1875"White
Colors: ***See Color Key,***
#6D6E72 (Color A), **#949599** (Color C)
Font: Helvetica (ADA)
Map: Design/_MAPS

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U

#6D6E72 (Color A)
#6A6A6A (Color B)
#949599 (Color C)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 3" = 1'

Vivid
IMAGE INTENSE SIGNAGE

Notes:

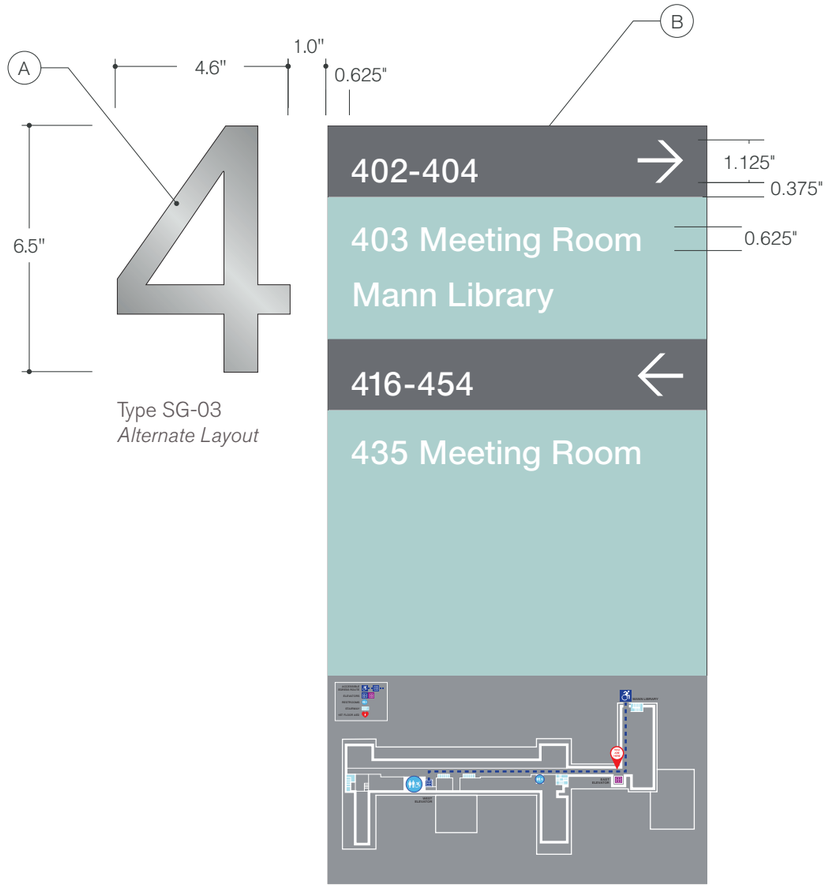
- Uppercase, brailled copy to be raised. All other copy, including pictograms, to be printed unless otherwise noted.
- Sign copy shown is for sample purposes only

Window Backer if required:

- Vivid: White Appliqué

Product Approval

☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Type SG-03
Alternate Layout

Type SG-02A.2t Size of VV1AW-020040
10.0"w X 20.0"h



End View

Production Note: All signs to have square corners

Flat Cut Aluminum (SA)

A
Thickness: .25"
Face Finish: Satin Brushed
Edge Finish: Matte
Brush Direction: Horizontal
Font: Helvetica (ADA)
Mounting: Stud Flush

Direct Print Vivid

B
.1875"NG / .1875"White
Colors: ***See Color Key,***
#6D6E72 (Color A), White
Font: Helvetica (ADA)
Map: Design/_MAPS

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U

- **#6D6E72** (Color A)
- **#6A6A6A** (Color B)
- **#949599** (Color C)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 3" = 1'

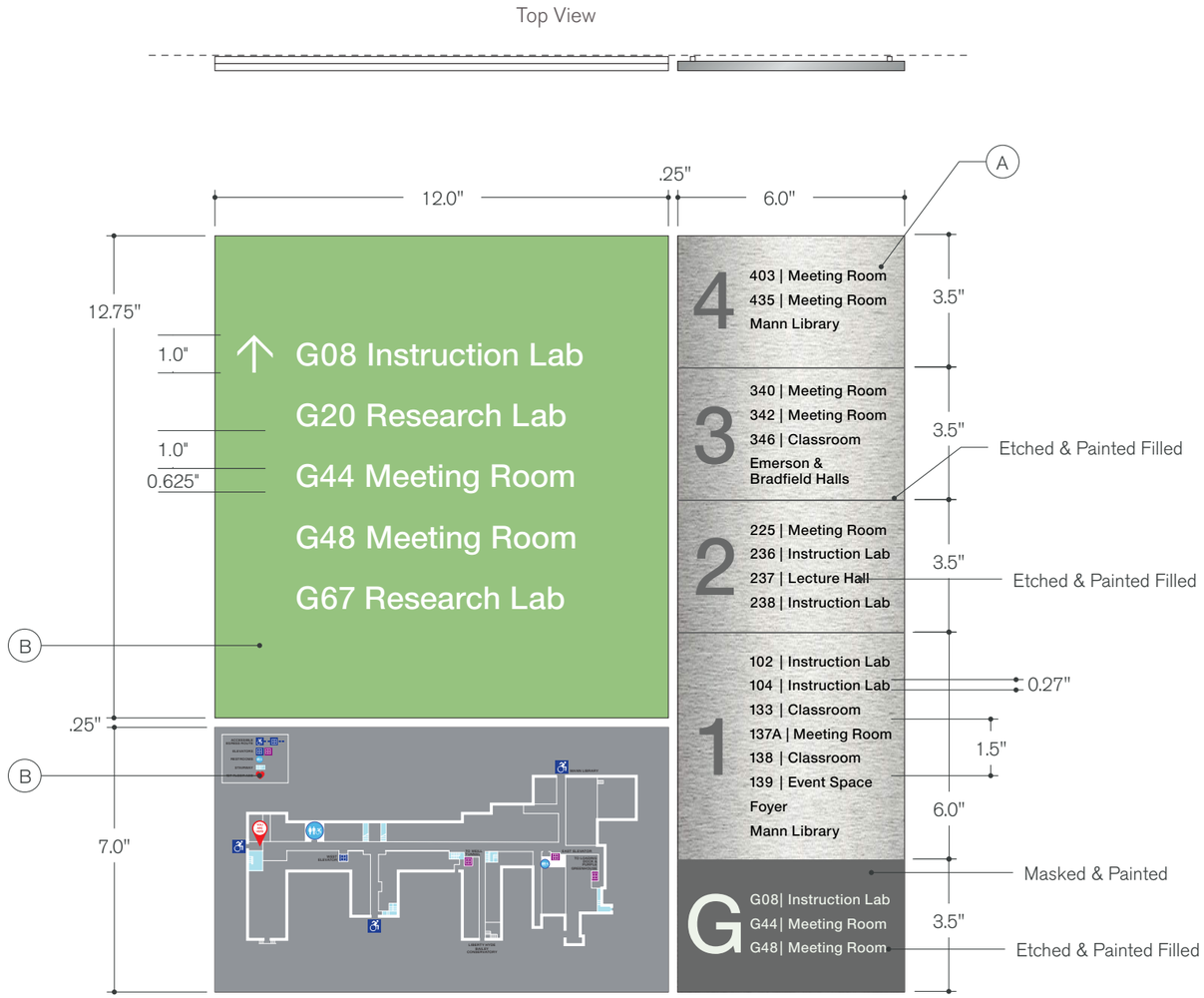
Vivid
IMAGE INTENSE SIGNAGE

Notes:
- Uppercase, brailled copy to be raised. All other copy, including pictograms, to be printed unless otherwise noted.
- Sign copy shown is for sample purposes only

Window Backer if required:
- Vivid: White Appliqué

Product Approval

☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Type SG-02B.g Custom
Overall: 18.25"w X 20.0"h



Type SG-02B.g
Alternate Layout

Production Note: All signs to have square corners

Etched Metal Plaque

A
Metal: Aluminum
Thickness: .25"
Raised Finish: Horizontal Satin (100-Grit)
Etched Fill Color: To match **#6A6A6A** (Color B), **#000000** (Black), **#F1F4EC** (White)
Masked & Painted: To match **#6A6A6A** (Color B)
Edge: Matte
Clear Coat: Satin
Font: Helvetica (ADA)
Mounting: Stud w/ Nylon Spacers

Direct Print Vivid

B
.1875"NG / .1875"White
Colors: ***See Color Key,***
#6D6E72 (Color A), **#949599** (Color C)
Font: Helvetica (ADA)
Map: Design/_MAPS

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U

- **#6D6E72** (Color A)
- **#6A6A6A** (Color B)
- **#949599** (Color C)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

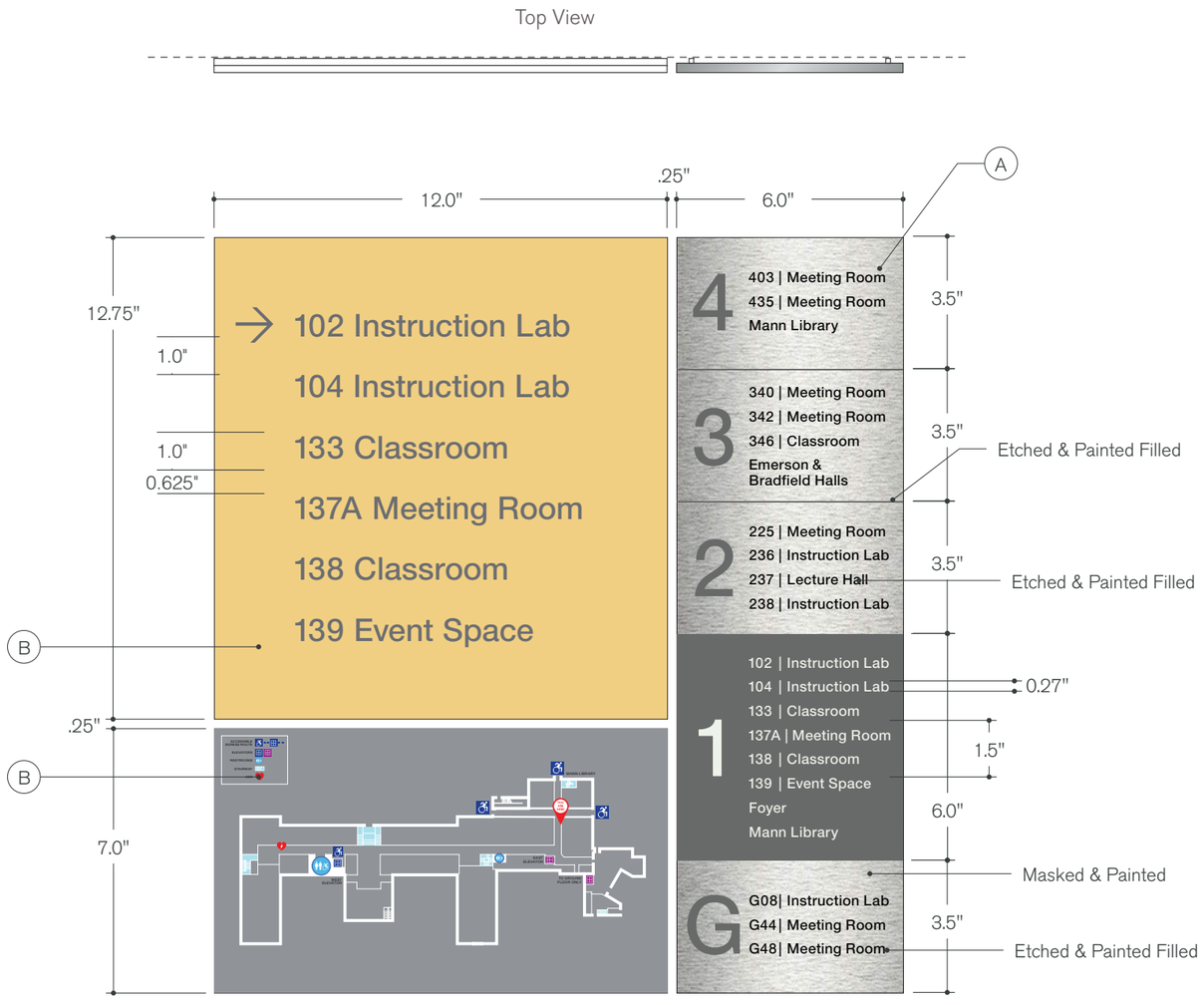
Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 3" = 1'

Notes:
- Sign copy shown is for sample purposes only

Product Approval

☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Production Note: All signs to have square corners

Etched Metal Plaque

A

Metal: Aluminum
Thickness: .25"
Raised Finish: Horizontal Satin (100-Grit)
Etched Fill Color: To match **#6A6A6A** (Color B), **#000000** (Black), **#F1F4EC** (White)
Masked & Painted: To match **#6A6A6A** (Color B)
Edge: Matte
Clear Coat: Satin
Font: Helvetica (ADA)
Mounting: Stud w/ Nylon Spacers

Direct Print Vivid

B

.1875"NG / .1875"White
Colors: ***See Color Key,***
#6D6E72 (Color A), **#949599** (Color C)
Font: Helvetica (ADA)
Map: Design/_MAPS

COLOR KEY

(.g) Ground Floor: **BM 426** Fresh Grass
(.y) First Floor: **BM 298** Broadway Lights
(.o) Second Floor: **BM 2016-30** Carrot Stick
(.b) Third Floor: **BM 832** Blue Heron
(.t) Fourth Floor: **PMS** 9504 U

#6D6E72 (Color A)
#6A6A6A (Color B)
#949599 (Color C)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

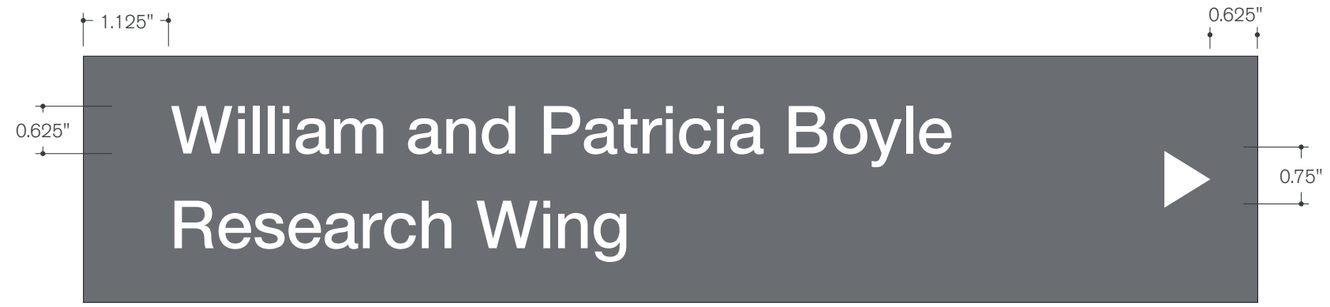
Scale: 3" = 1'

Notes:
- Sign copy shown is for sample purposes only

Product Approval

☐ As Is ☐ As Noted
Approved By: _____
Date: _____







Production Note: All signs to have square corners

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 6" = 1'

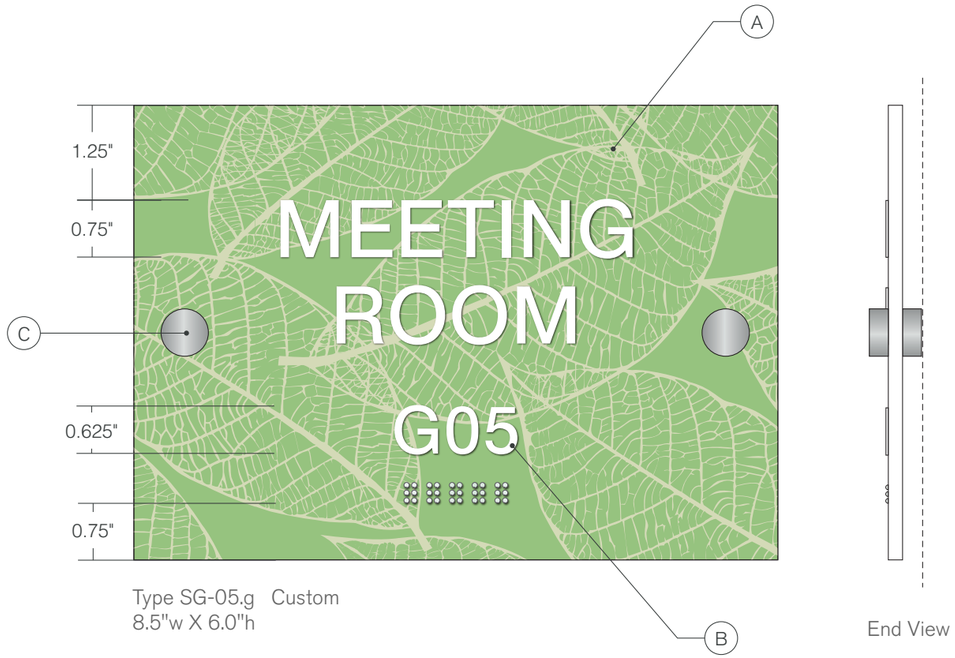
Vivid
IMAGE INTENSE SIGNAGE

Notes:
- Uppercase, brailled copy to be raised. All other copy, including pictograms, to be printed unless otherwise noted.
- Sign copy shown is for sample purposes only

Window Backer if required:
- Vivid: White Appliqué

Product Approval

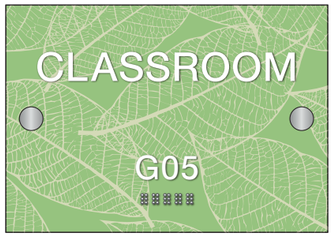
☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Type SG-05.g Custom
8.5"w X 6.0"h

End View

Alternate Layout
Scale: 3" = 1'



Alternate Floor Colors
Scale: 3" = 1'



Type SG-05.y



Type SG-05.o



Type SG-05.b



Type SG-05.t

Production Note: All signs to have square corners

Face Finish

A **3-Form** Fossil Leaves
Thickness: .1875"
Backpainted: ***See Color Key***

Raised Copy

B **CO104** White
Font: Helvetica (ADA)

Buttons

C Natural, .625" Dia. Caps
.25" Stand-off

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U

- **#6D6E72** (Color A)
- **#6A6A6A** (Color B)
- **#949599** (Color C)

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www.takeform.net

Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

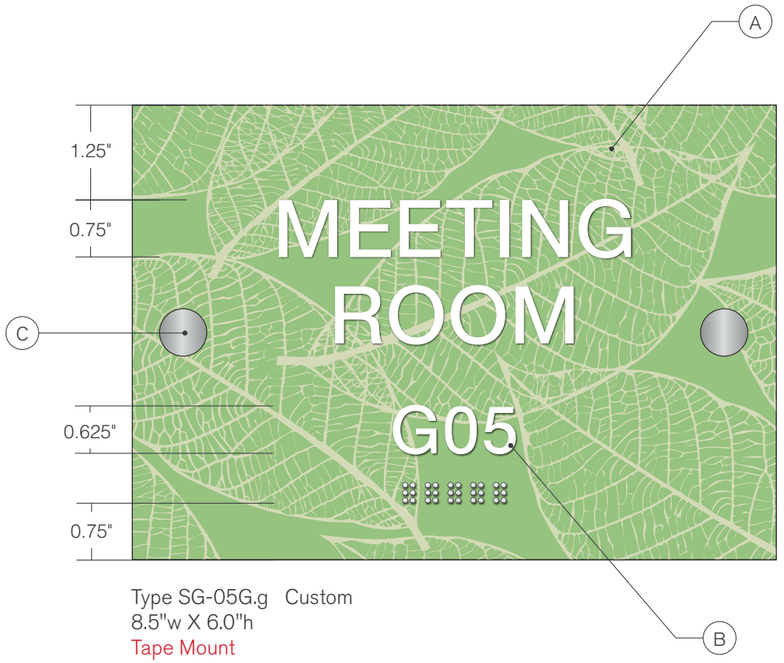
Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 6" = 1'

Notes:
- Sign copy shown is for sample purposes only

Product Approval

☐ As Is ☐ As Noted
Approved By: _____
Date: _____

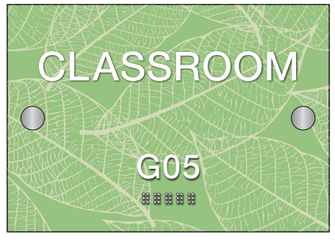


Type SG-05G.g Custom
8.5"w X 6.0"h
Tape Mount



End View

Alternate Layout
Scale: 3" = 1'



Alternate Floor Colors
Scale: 3" = 1'



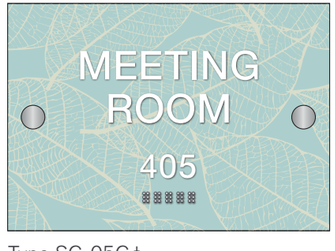
Type SG-05G.y



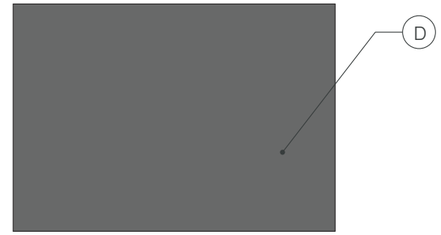
Type SG-05G.o



Type SG-05G.b



Type SG-05G.t



Type SG-05G Window Backer

Production Note: All signs to have square corners

Face Finish
A **3-Form** Fossil Leaves
Thickness: .1875"
Backpainted: ***See Color Key***

Raised Copy
B **CO104** White
Font: Helvetica (ADA)

Buttons
C Natural, .625" Dia. Caps
.25" Stand-off

Window Backer Applique
D Paint to match
#6A6A6A (Color B)

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U
- **#6D6E72** (Color A)
- **#6A6A6A** (Color B)
- **#949599** (Color C)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

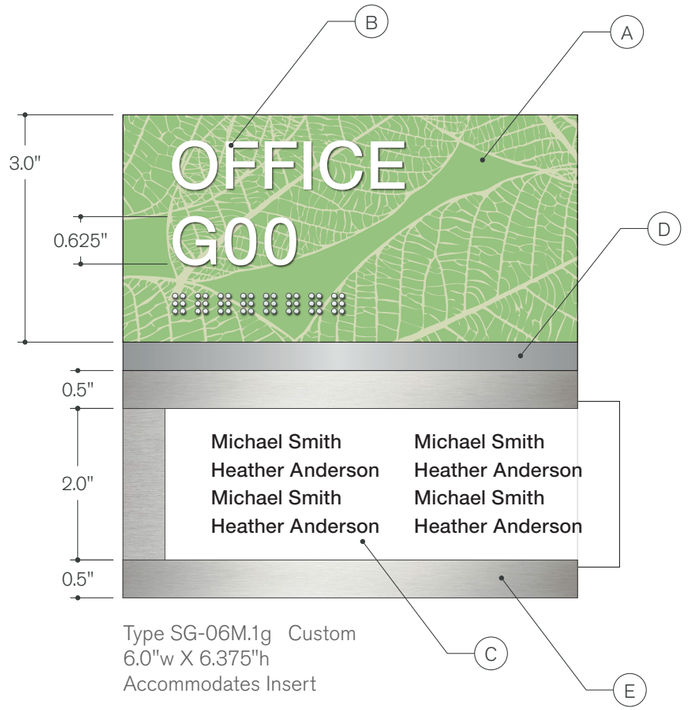
Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

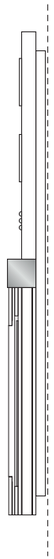
Scale: 6" = 1'

Notes:
- Sign copy shown is for sample purposes only

Product Approval
☐ As Is ☐ As Noted
Approved By: _____
Date: _____

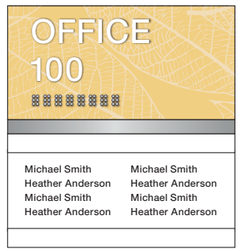


Type SG-06M.1g Custom
6.0"w X 6.375"h
Accommodates Insert

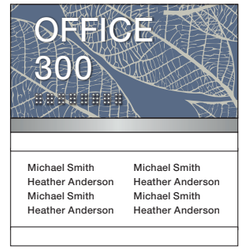


End View

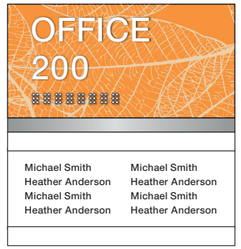
Alternate Floor Colors
Scale: 3" = 1'



Type SG-06M.1y



Type SG-06M.1b



Type SG-06M.1o



Type SG-06M.1t

Production Note: All signs to have shim plate

Production Note: All signs to have square corners

Face Finish

A **3-Form** Fossil Leaves
Thickness: .1875"
Backpainted: ***See Color Key***

Raised Copy

B **CO104** White
Font: Helvetica (ADA)

Media: White Polyester
Font: Helvetica (ADA)
Copy Color: Black

Face Finish

E **500-00006** Silver Lining
Core: **BLK**

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U
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- **#6A6A6A** (Color B)
- **#949599** (Color C)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

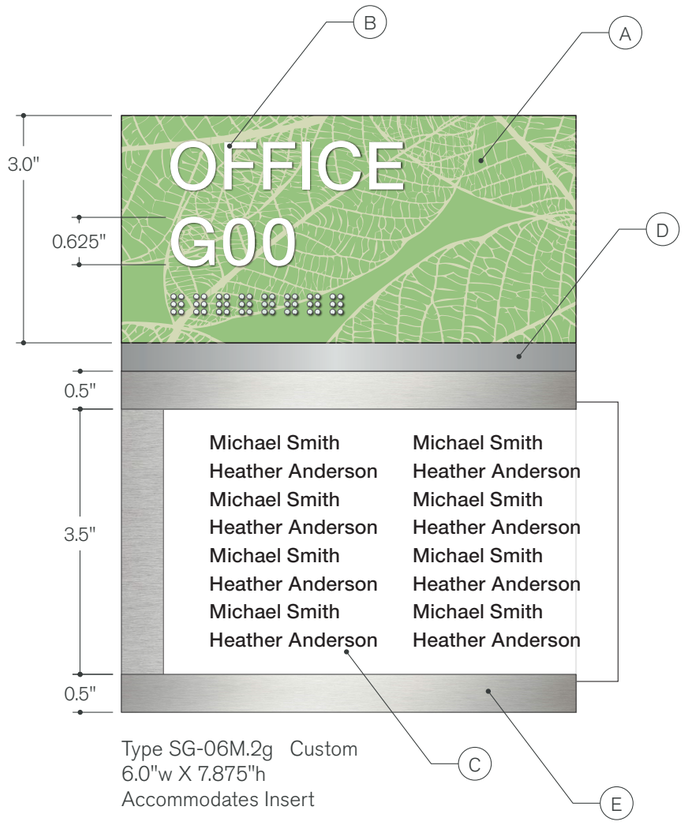
Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 6" = 1'

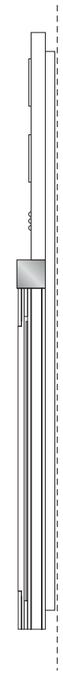
Notes:
- Sign copy shown is for sample purposes only

Product Approval

☐ As Is ☐ As Noted
Approved By: _____
Date: _____

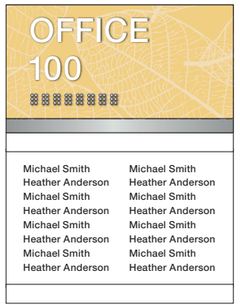


Type SG-06M.2g Custom
6.0"w X 7.875"h
Accommodates Insert

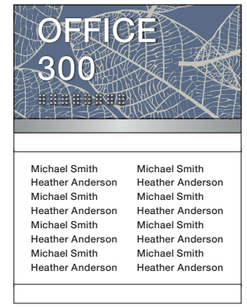


End View

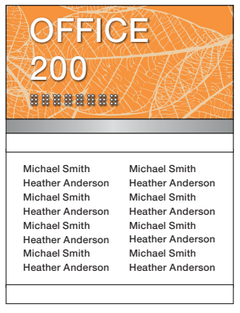
Alternate Floor Colors
Scale: 3" = 1'



Type SG-06M.2y



Type SG-06M.2b



Type SG-06M.2o



Type SG-06M.2t

Production Note: All signs to have shim plate

Production Note: All signs to have square corners

Face Finish
A **3-Form** Fossil Leaves
Thickness: .1875"
Backpainted: ***See Color Key***

Raised Copy
B **CO104** White
Font: Helvetica (ADA)

Insert
C Media: White Polyester
Font: Helvetica (ADA)
Copy Color: Black

Accent Bar
D .375" X .375" Painted Acrylic
Finish: **CO601** Satin Silver

Face Finish
E **500-00006** Silver Lining
Core: **BLK**

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U
- **#6D6E72** (Color A)
- **#6A6A6A** (Color B)
- **#949599** (Color C)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

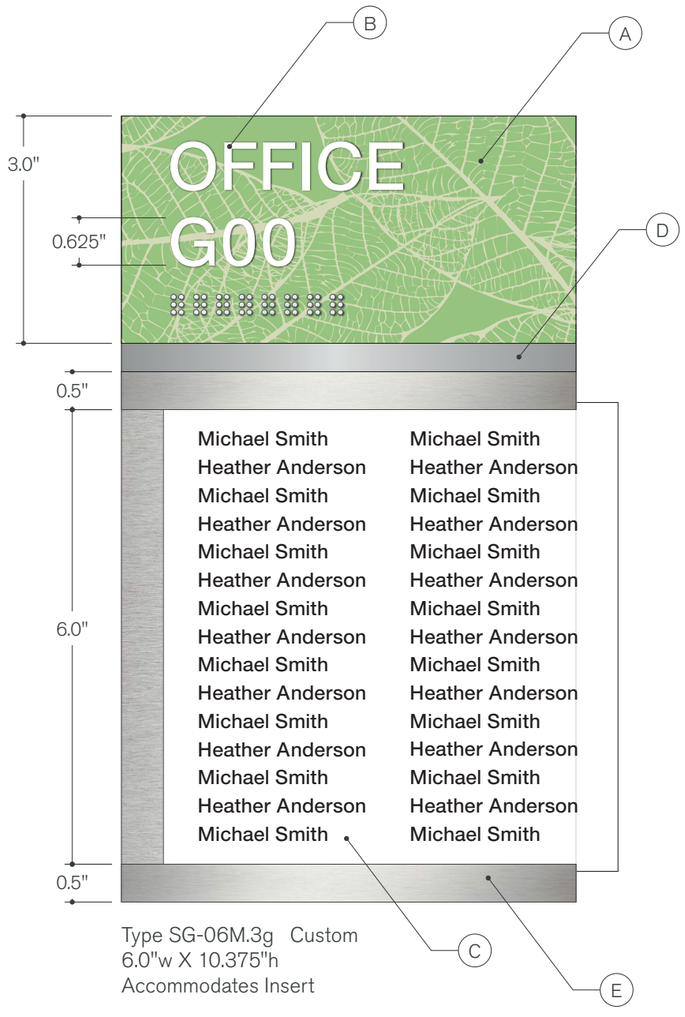
Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

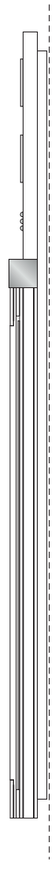
Scale: 6" = 1'

Notes:
- Sign copy shown is for sample purposes only

Product Approval
☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Type SG-06M.3g Custom
6.0"w X 10.375"h
Accommodates Insert

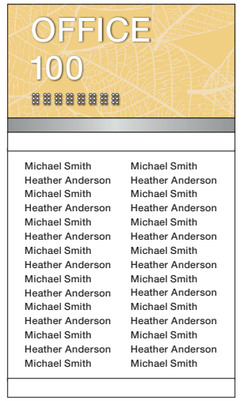


End View

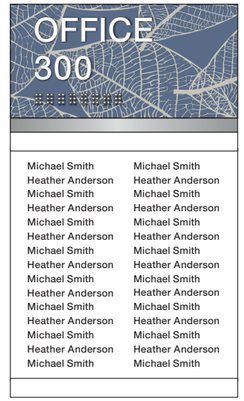
Production Note: All signs to have shim plate

Production Note: All signs to have square corners

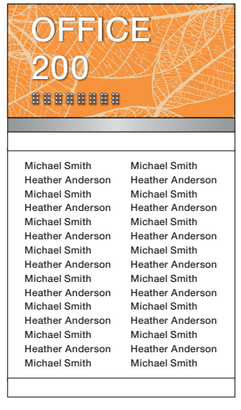
Alternate Floor Colors
Scale: 3" = 1'



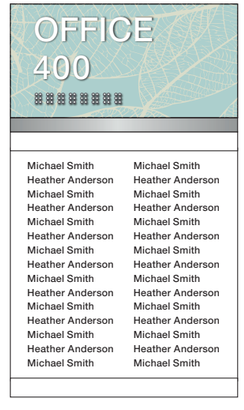
Type SG-06M.3y



Type SG-06M.3b



Type SG-06M.23o



Type SG-06M.3t

Face Finish
A — **3-Form** Fossil Leaves
Thickness: .1875"
Backpainted: ***See Color Key***

Raised Copy
B — **CO104** White
Font: Helvetica (ADA)

Insert
C — Media: White Polyester
Font: Helvetica (ADA)
Copy Color: Black

Accent Bar
D — .375" X .375" Painted Acrylic
Finish: **CO601** Satin Silver

Face Finish
E — **500-00006** Silver Lining
Core: **BLK**

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U
- **#6D6E72** (Color A)
- **#6A6A6A** (Color B)
- **#949599** (Color C)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 6" = 1'

Notes:
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Product Approval
☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Alternate Floor Colors
Scale: 3" = 1'









Alternate Layout
Scale: 3" = 1'



Production Note: All signs to have square corners

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U
- **#6D6E72** (Color A)
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- **#949599** (Color C)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

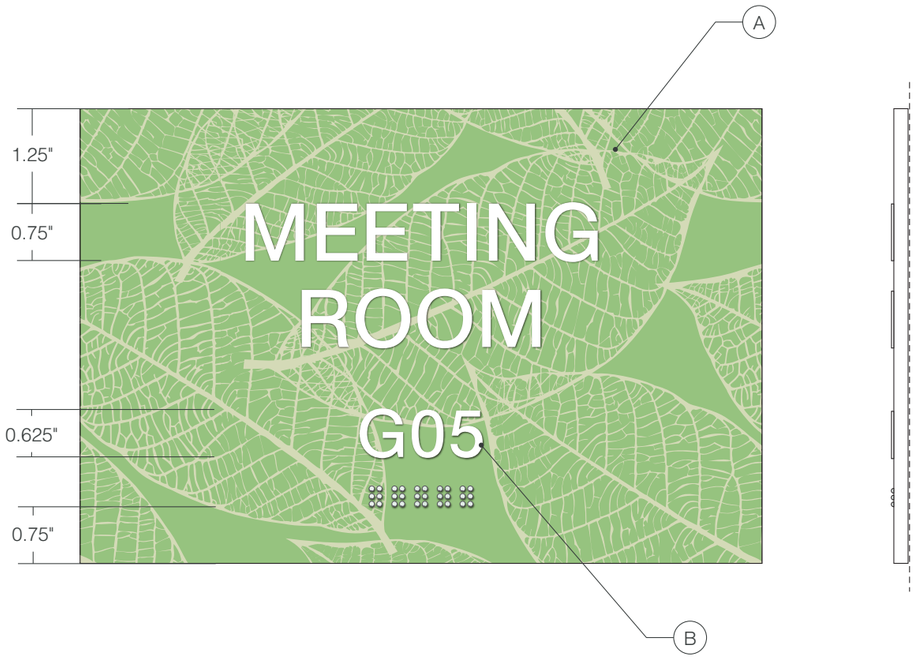
Design Review By:

Revisions:
03.10.26JM updated copy
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04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

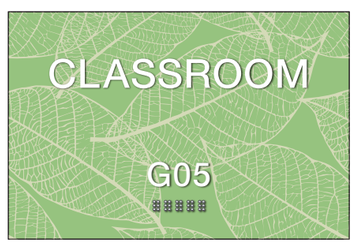
Scale: 6" = 1'

Notes:
- Sign copy shown is for sample purposes only

Product Approval
☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Alternate Layout
Scale: 3" = 1'



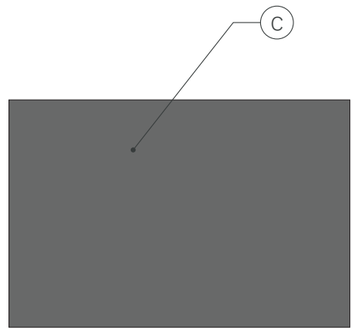
Alternate Floor Colors
Scale: 3" = 1'











Type SG-07G Window Backer

Production Note: All signs to have square corners

Face Finish
A **3-Form** Fossil Leaves
Thickness: .1875"
Backpainted: ***See Color Key***

Raised Copy
B **CO104** White
Font: Helvetica (ADA)

Window Backer Applique
C Paint to match
#6A6A6A (Color B)

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U
- **#6D6E72** (Color A)
- **#6A6A6A** (Color B)
- **#949599** (Color C)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

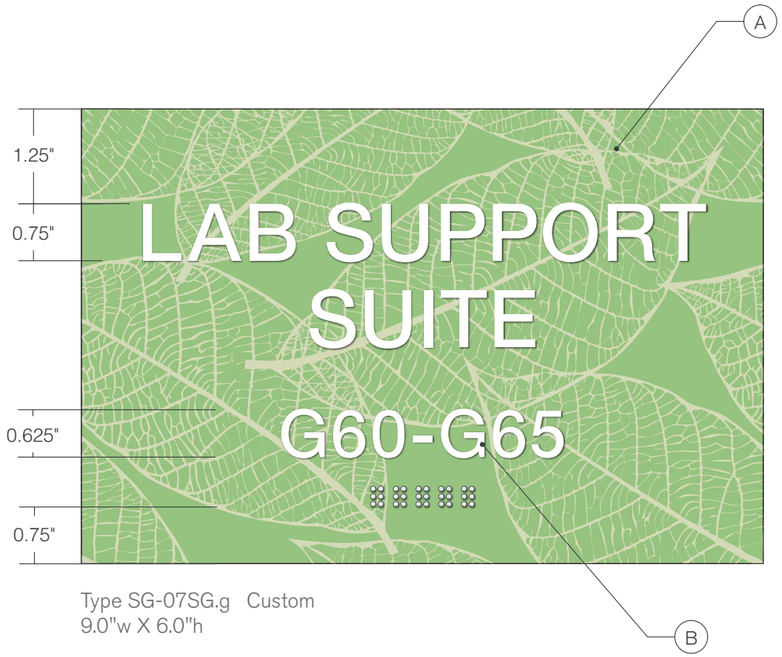
Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
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Scale: 6" = 1'

Notes:
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☐ As Is ☐ As Noted
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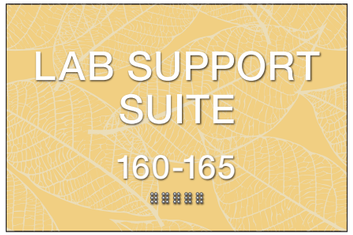


Type SG-07SG.g Custom
9.0"w X 6.0"h



End View

Alternate Floor Colors
Scale: 3" = 1'



Type SG-07SG.y



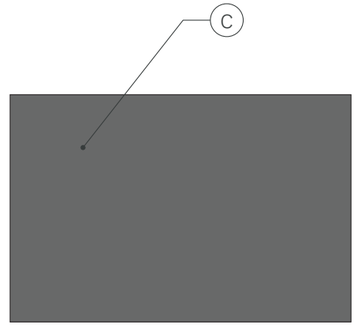
Type SG-07SG.o



Type SG-07SG.b



Type SG-07SG.t



Type SG-07SG Window Backer

Production Note: All signs to have square corners

Face Finish

A **3-Form** Fossil Leaves
Thickness: .1875"
Backpainted: ***See Color Key***

Raised Copy

B **CO104** White
Font: Helvetica (ADA)

Window Backer Applique

C Paint to match
#6A6A6A (Color B)

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U
- **#6D6E72** (Color A)
- **#6A6A6A** (Color B)
- **#949599** (Color C)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

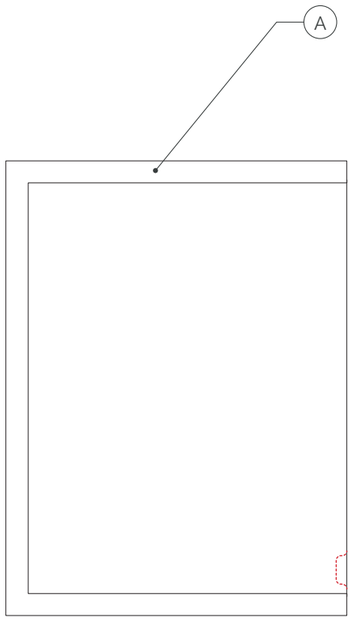
Revisions:
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04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 6" = 1'

Notes:
- Sign copy shown is for sample purposes only

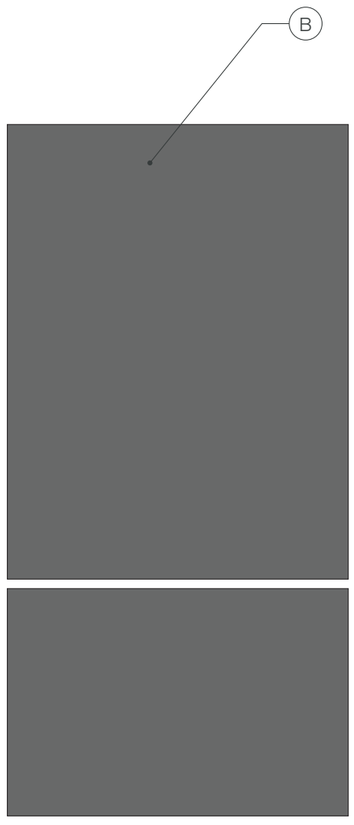
Product Approval

☐ As Is ☐ As Noted
Approved By: _____
Date: _____



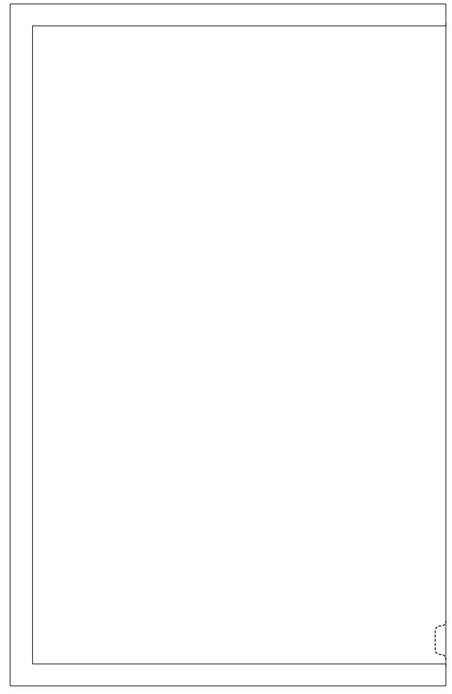
Type SG-07H Custom Vivid
Sign Size: 9.0"w X 12.0"h
Insert Size: 8.5"w X 11.0"h
Accommodates Insert
Thumbnotch (in backer)

Type SG-07
See previous pages



Type SG-07HG
Window Backer

Type SG-07G
Window Backer
See previous pages



Type SG-07H.2 Custom Vivid
11.5"w X 18.0"h
Accommodates Insert
Thumbnotch (in backer)

Production Note: All signs to have square corners

Direct Print Vivid

A .1875"NG / .1875"White
Color: White

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Rendering

Project:
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Phase 1

Date: 01.05.26
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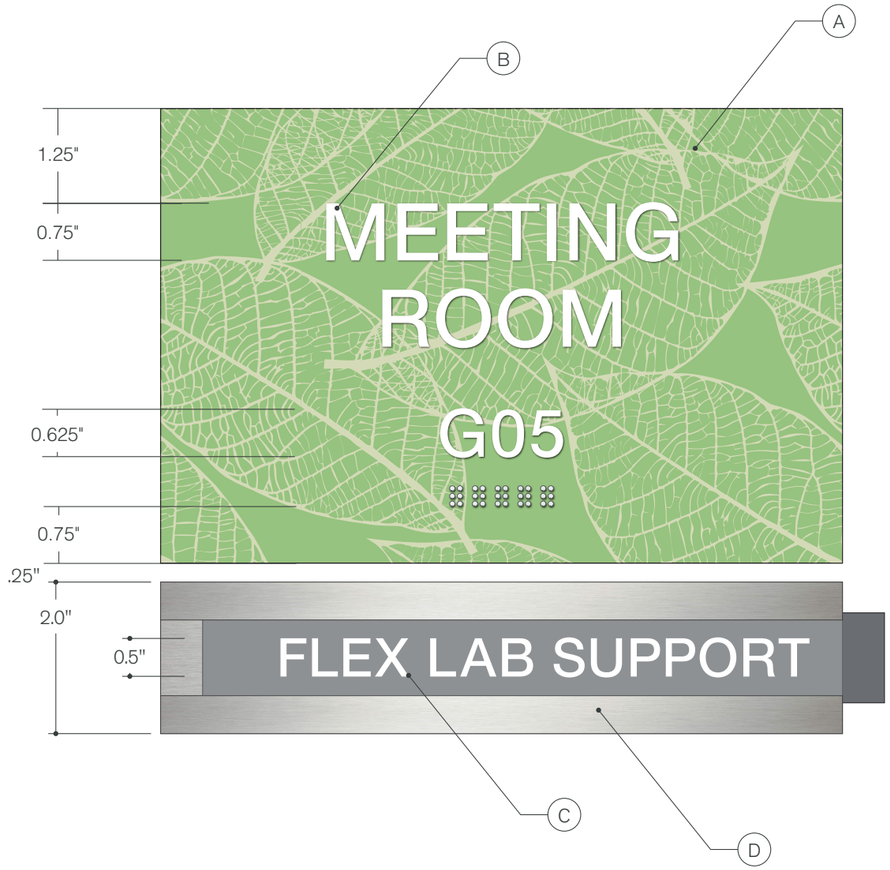
Scale: 3" = 1'

Vivid
IMAGE INTENSE SIGNAGE

Notes:
- Uppercase, brailled copy to be raised. All other copy, including pictograms, to be printed unless otherwise noted.
- Sign copy shown is for sample purposes only

Window Backer if required:
- Vivid: White Appliqué

Product Approval
☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Alternate Floor Colors
Scale: 3" = 1'



Type SG-07P.y



Type SG-07P.b



Type SG-07P.o



Type SG-07P.t

Production Note: All signs to have square corners

Face Finish
A — **3-Form** Fossil Leaves
Thickness: .1875"
Backpainted: ***See Color Key***

Raised Copy
B — **CO104** White
Font: Helvetica (ADA)

Insert
C — Media: White Polyester
Background: **#6D6E72** (Color A)
Font: Helvetica (ADA)
Copy Color: White

Face Finish
D — **500-00006** Silver Lining
Core: **BLK**

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U
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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

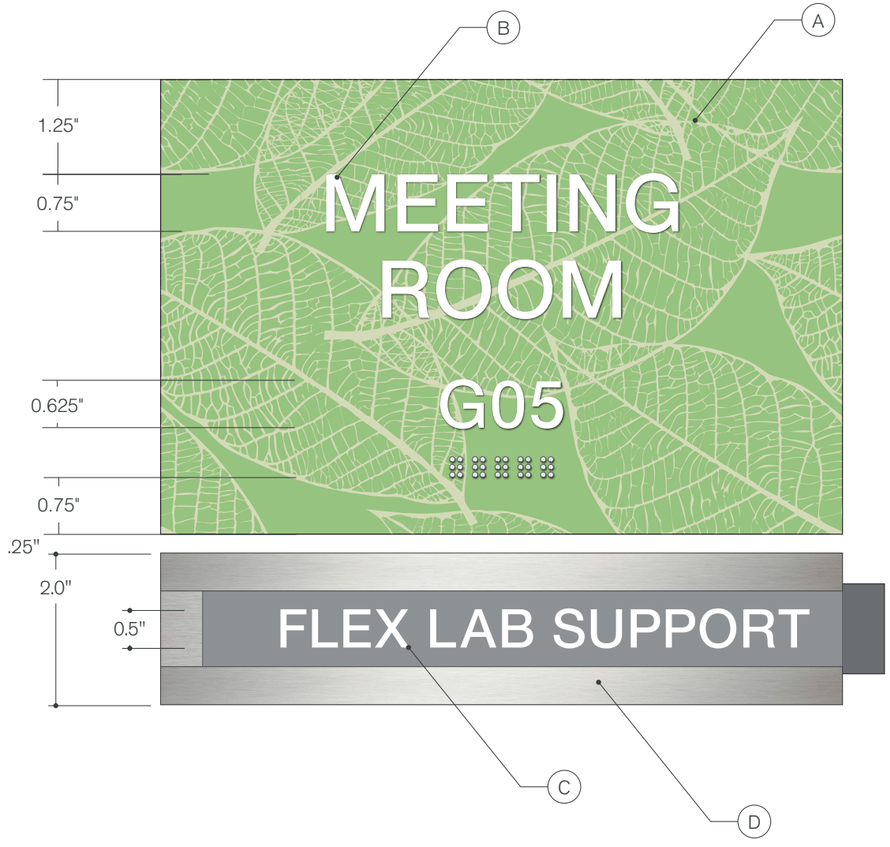
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06.01.26JM updated maps, layouts

Scale: 6" = 1'

Notes:
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Product Approval
☐ As Is ☐ As Noted
Approved By: _____
Date: _____





Alternate Floor Colors
Scale: 3" = 1'



Type SG-07PG.y



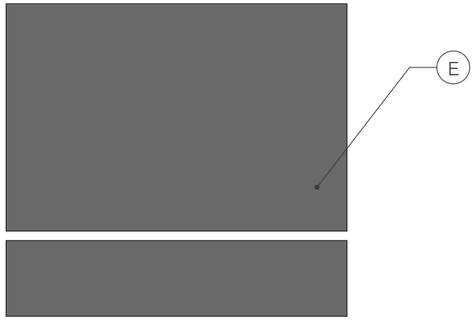
Type SG-07PG.b



Type SG-07PG.o



Type SG-07PG.t



Production Note: All signs to have square corners

Face Finish
A **3-Form** Fossil Leaves
Thickness: .1875"
Backpainted: ***See Color Key***

Raised Copy
B **CO104** White
Font: Helvetica (ADA)

Insert
C Media: White Polyester
Background: **#6D6E72** (Color A)
Font: Helvetica (ADA)
Copy Color: White

Face Finish
D **500-00006** Silver Lining
Core: **BLK**

Window Backer Applique
E Paint to match
#6A6A6A (Color B)

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U
- **#6D6E72** (Color A)
- **#6A6A6A** (Color B)
- **#949599** (Color C)

takeform
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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

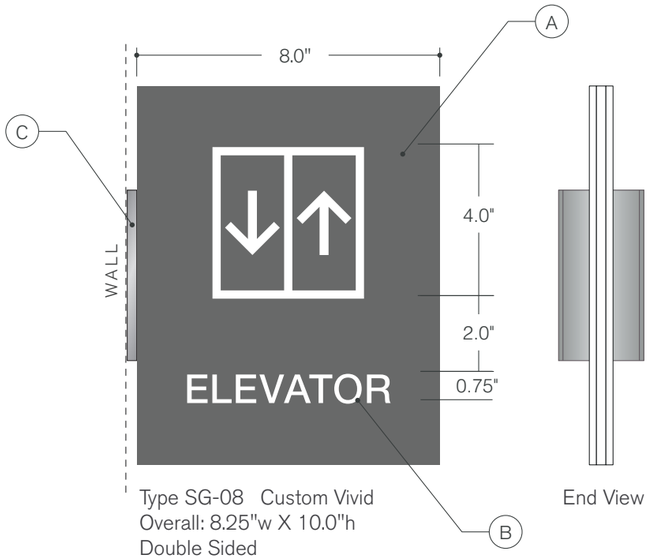
Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 6" = 1'

Notes:
- Sign copy shown is for sample purposes only

Product Approval
☐ As Is ☐ As Noted
Approved By: _____
Date: _____

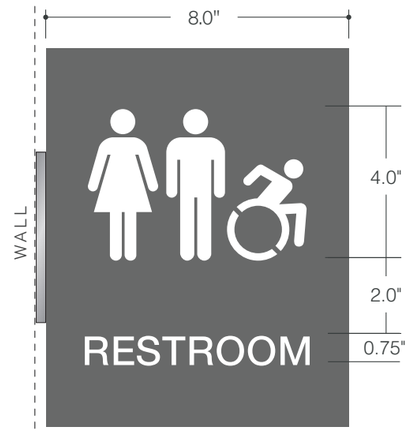


Type SG-08 Custom Vivid
Overall: 8.25"w X 10.0"h
Double Sided

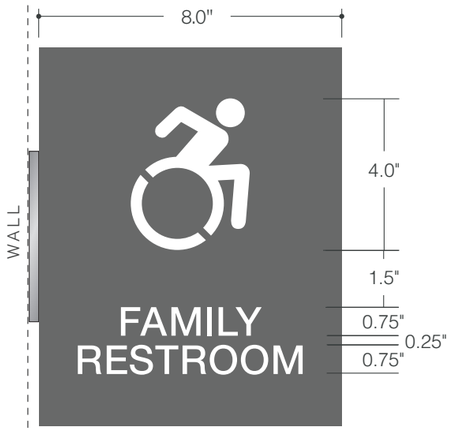
End View



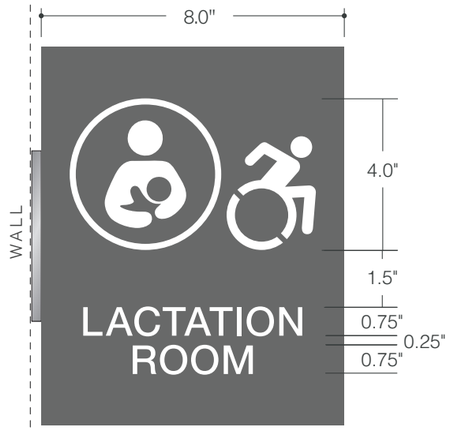
Type SG-09A.2 Custom Vivid
Overall: 8.25"w X 10.0"h
Double Sided



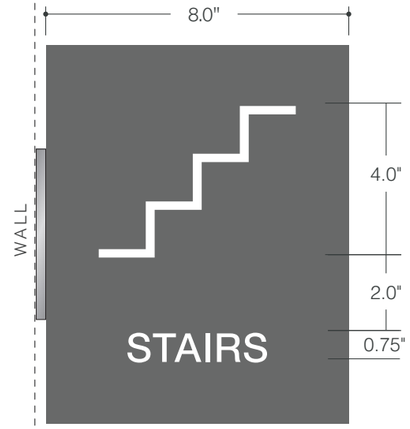
Type SG-11A Custom Vivid
Overall: 8.25"w X 10.0"h
Double Sided



Type SG-09A.1 Custom Vivid
Overall: 8.25"w X 10.0"h
Double Sided



Type SG-10A Custom Vivid
Overall: 8.25"w X 10.0"h
Double Sided



Type SG-12A Custom Vivid
Overall: 8.25"w X 10.0"h
Double Sided

Direct Print Vivid Flag

A .1875"NG / .25" White Polycarb / .1875"NG
Color: **#6A6A6A** (Color B)

Fusion Flag Hardware

C Natural

Direct Print Copy

B White
Font: Helvetica (ADA)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 3" = 1'

Vivid
IMAGE INTENSE SIGNAGE

Notes:

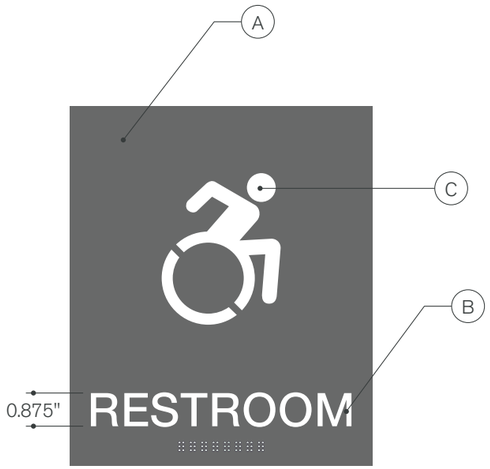
- Uppercase, brailled copy to be raised. All other copy, including pictograms, to be printed unless otherwise noted.
- Sign copy shown is for sample purposes only

Window Backer if required:

- Vivid: White Appliqué

Product Approval

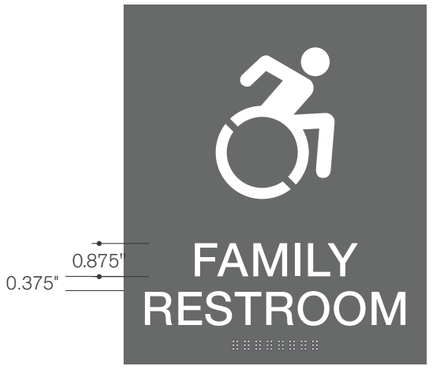
☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Type SG-09B.2 Custom Vivid
8.0"w X 9.5"h







Type SG-09B.2 Custom Vivid
8.0"w X 9.5"h



Type SG-10B Custom Vivid
8.0"w X 9.5"h



Type SG-11C Custom Vivid
8.0"w X 9.5"h

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
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05.18.26JM updated maps
06.01.26JM updated maps, layouts

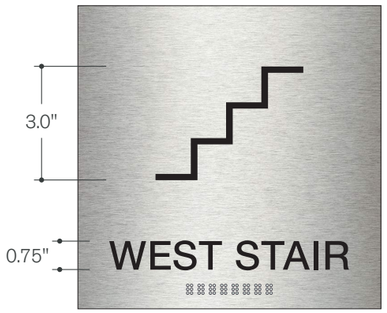
Scale: 3" = 1'

Vivid
IMAGE INTENSE SIGNAGE

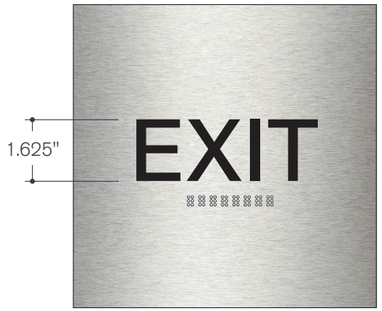
Notes:
- Uppercase, brailled copy to be raised. All other copy, including pictograms, to be printed unless otherwise noted.
- Sign copy shown is for sample purposes only

Window Backer if required:
- Vivid: White Appliqué

Product Approval
☐ As Is ☐ As Noted
Approved By: _____
Date: _____



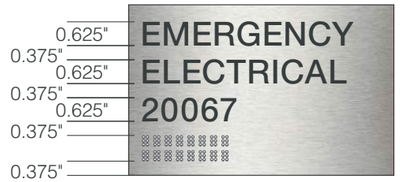
Type SG-12B.1 Custom
8.0"w X 8.0"h



Type SG-12D Custom
8.0"w X 8.0"h



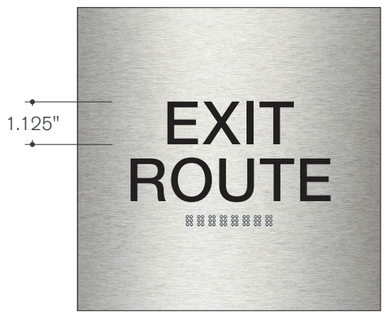
Type SG-13 Custom
7.0"w X 3.125"h



Type SG-13.2 Custom
7.0"w X 4.5"h



Type SG-12B.2 Custom
8.0"w X 8.0"h



Type SG-12E Custom
8.0"w X 8.0"h

BLK

Face Finish

A **500-00006** Silver Lining

Direct Print Copy

C Black
Font: Helvetica (ADA)

Raised Copy

B **CO101** Black
Font: Helvetica (ADA)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 3" = 1'

Fusion™

Notes:
Sign copy shown is for sample purposes only

Window Backer if required:
- Fusion w/o Backer: To match Face

Product Approval

☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Tape Mount



Type SG-12C
Alternate Layout

Production Note: All signs to have square corners

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

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05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 3" = 1'

Notes:
- Sign copy shown is for sample purposes only

Product Approval
☐ As Is ☐ As Noted
Approved By: _____
Date: _____





Type SG-12C
Alternate Layout

Production Note: All signs to have square corners

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

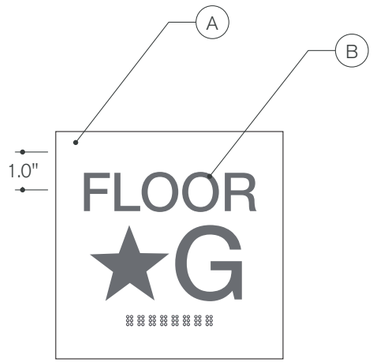
Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 3" = 1'

Notes:
- Sign copy shown is for sample purposes only

Product Approval
☐ As Is ☐ As Noted
Approved By: _____
Date: _____



w/ Braille
Tape Mount

Production Note: All signs to have square corners

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26

Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

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04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 3" = 1'

Notes:
- Sign copy shown is for sample purposes only

Product Approval

☐ As Is ☐ As Noted

Approved By: _____

Date: _____



Production Note: All signs to have square corners

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26

Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

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04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Vivid
IMAGE INTENSE SIGNAGE

Product Approval
☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Type SG-16 Size of MXA5X3,5-T
5.0"w X 3.5"h
Tape Mount

Production Note: All signs to have square corners

Direct Print ACM
A Colors: White, Black, Safety Red 186
Font: Helvetica (ADA)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

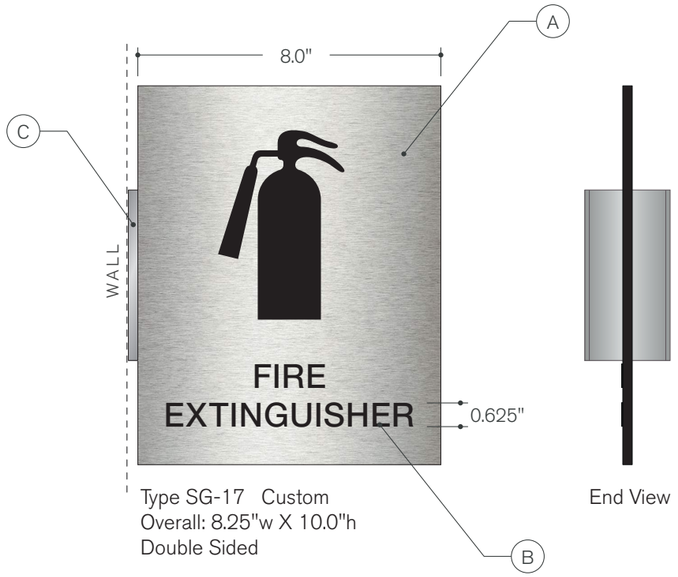
Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 1:1

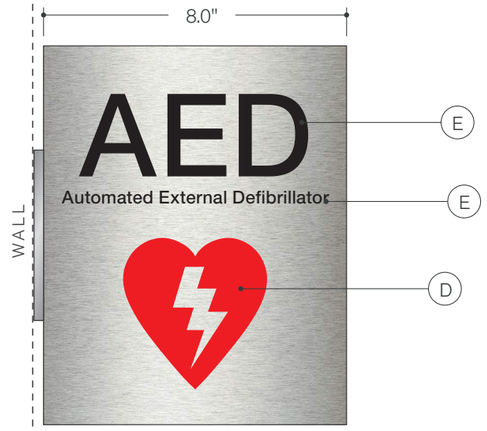
Notes:
- Sign copy shown is for sample purposes only

Product Approval
☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Type SG-17 Custom
Overall: 8.25"w X 10.0"h
Double Sided

End View



Type SG-31 Custom
Overall: 8.25"w X 10.0"h
Double Sided

BLK

Face Finish
A **500-00006** Silver Lining

Fusion Flag Hardware
C Natural

Direct Print Copy
E Black
Font: Helvetica (ADA)

Raised Copy
B **CO101** Black
Font: Helvetica (ADA)

Direct Print Copy
D Safety Red 186
Font: Helvetica (ADA)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 3" = 1'

Fusion™

Notes:
Sign copy shown is for sample purposes only

Window Backer if required:
- Fusion w/o Backer: To match Face

Product Approval
☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Type SG-18A Custom
Overall: 8.5"w X 10.0"h



Type SG-18C Custom
Overall: 8.5"w X 10.0"h



Type SG-18B Custom
Overall: 8.5"w X 10.0"h



Type SG-18C.RL Custom
Overall: 8.5"w X 10.0"h

BLK

Face Finish

A **500-00006** Silver Lining

Raised Copy

B **CO101** Black
Font: Helvetica (ADA)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

Revisions:
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04.02.26JM added signs
04.16.26JM updated finishes
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05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 3" = 1'

Fusion™

Notes:
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Window Backer if required:
- Fusion w/o Backer: To match Face

Product Approval

☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Type SG-22
Dimensional Letters



Type SG-23
Dimensional Letters

Flat Cut Aluminum (SA)

A
Thickness: .25"
Face Finish: Satin Brushed
Edge Finish: Matte
Brush Direction: Horizontal
Font: Neue Kabel Medium
Mounting: Stud with .125" Stand-Offs



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Rendering

Project:
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Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

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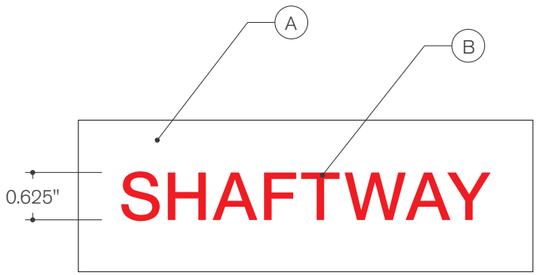
Scale: 1½" = 1'

Ethos
LETTERS & LOGOS

Notes:
- Logos are subject to modification based on final fabrication method.

Product Approval

☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Type SG-27A Size of VV1AW-012004
6.0"w X 2.0"h



Type SG-29 Size of VV1AW-018006
9.0"w X 3.0"h



Type SG-27B Size of VV1AW-024010
12.0"w X 5.0"h

Production Note: All signs to have square corners

Direct Print Vivid
C .1875"NG / .1875"White
Color: White

Direct Print Copy
D Black
Font: Helvetica (ADA)

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Rendering

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Phase 1

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06.01.26JM updated maps, layouts

Scale: 6" = 1'

Vivid
IMAGE INTENSE SIGNAGE

Notes:
- Uppercase, brailled copy to be raised. All other copy, including pictograms, to be printed unless otherwise noted.
- Sign copy shown is for sample purposes only

Window Backer if required:
- Vivid: White Appliqué

Product Approval
☐ As Is ☐ As Noted
Approved By: _____
Date: _____



Type SG-28 Custom Vivid
6.0"w X 9.0"h

Direct Print Vivid

A .1875"NG / .1875"White
Color: **#6A6A6A** (Color B)

Direct Print Copy

B White
Font: Helvetica (ADA)

takeform
11601 Maple Ridge Rd, Medina, NY, 14103
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Rendering

Project:
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Phase 1

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05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 6" = 1'

Vivid
IMAGE INTENSE SIGNAGE

Notes:

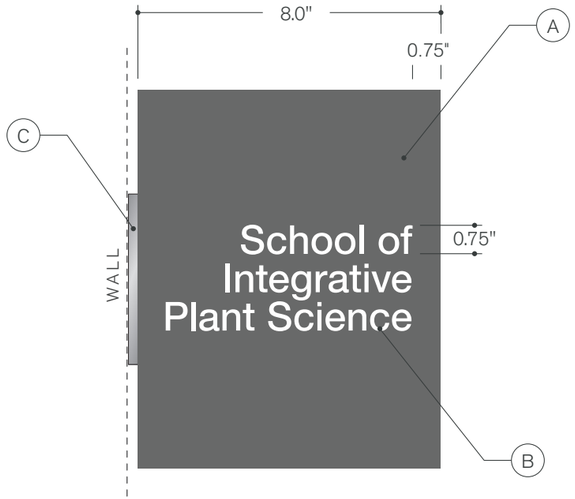
- Uppercase, brailled copy to be raised. All other copy, including pictograms, to be printed unless otherwise noted.
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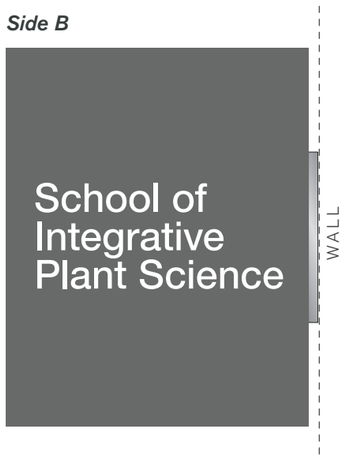
Window Backer if required:

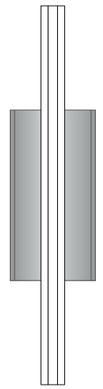
- Vivid: White Appliqué

Product Approval

☐ As Is ☐ As Noted
Approved By: _____
Date: _____







Production Note: All signs to have square corners

Direct Print Vivid Flag

A .1875"NG / .25" White Polycarb / .1875"NG
Color: **#6A6A6A** (Color B)

Fusion Flag Hardware

C Natural

Direct Print Copy

B White
Font: Helvetica (ADA)

takeform
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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

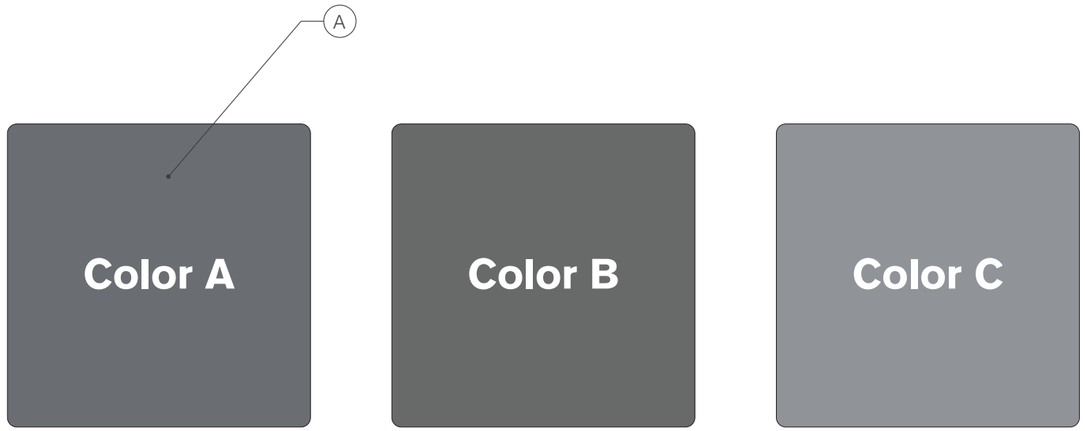
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06.01.26JM updated maps, layouts

Vivid
IMAGE INTENSE SIGNAGE

Product Approval

☐ As Is ☐ As Noted
Approved By: _____
Date: _____

SAMPLES



Type SPL.4A VV1AW-008008
4.0"w X 4.0"h

Type SPL.4B VV1AW-008008
4.0"w X 4.0"h

Type SPL.4C VV1AW-008008
4.0"w X 4.0"h

Imaging Note: Imaging to provide a range of sample colors

Direct Print Vivid

A .1875"NG / .1875"White
Colors: ***See Color Key***

COLOR KEY

- (.g) Ground Floor: **BM 426** Fresh Grass
- (.y) First Floor: **BM 298** Broadway Lights
- (.o) Second Floor: **BM 2016-30** Carrot Stick
- (.b) Third Floor: **BM 832** Blue Heron
- (.t) Fourth Floor: **PMS** 9504 U

- **#6D6E72** (Color A)
- **#6A6A6A** (Color B)
- **#949599** (Color C)

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Rendering

Project:
Cornell Univ Plant Science
Phase 1

Date: 01.05.26
Drawn By: JM

Filename:
COR0002_147492_RND_rev6

Design Review By:

Revisions:
03.10.26JM updated copy
04.02.26JM added signs
04.16.26JM updated finishes
04.24.26JM updated callouts
05.18.26JM updated maps
06.01.26JM updated maps, layouts

Scale: 6" = 1'

Vivid
IMAGE INTENSE SIGNAGE

Notes:

- Uppercase, brailled copy to be raised. All other copy, including pictograms, to be printed unless otherwise noted.
- Sign copy shown is for sample purposes only

Window Backer if required:

- Vivid: White Appliqué

Product Approval

☐ As Is ☐ As Noted
Approved By: _____
Date: _____

Transmittal

ELLENZWEIG
ARCHITECTURE | PLANNING

To

Jenn Twitchell
Karin Yocum
Takeform
11601 Maple Ridge Road
Medina, NY 14103

Project	161026-04 Renovate Plant Science
Subject	Signage Submittal Reviews – COR0002_147888_LOC_Rev3 and COR0002_147888_SAP_Rev3
Project number	31909.00
Date	6/5/26

From

■ Attached
☐ Under separate cover
☐ via air courier
☐ via mail
☐ via messenger
☐ via other:

We are sending you:
☐ disks
☐ photocopies
☐ prints
☐ samples
☐ other:

These are transmitted:
☐ for approval
☐ for your use
☐ as requested
☐ for your files
☐ for review and comment
☐ approved as submitted
■ approved as noted
☐ returned for corrections
☐ other:

Description

See review comments on Phase 2 Sign Proofs and Locations, attached.

G-053: Change from LAB SUPPORT SUITE to **RESEARCH LAB**
1-068 and 1-069: Change from MECH. to **MECHANICAL**
G-074 and 1-062: Change from MECH CORRIDOR to **MECHANICAL CORRIDOR**
G-075/G-076/G-077/G-078/G-116/G-117/G-118: Change from MECH to **MECHANICAL**
4-003/4-008: Change from 431 to **431-431B**

Amelia Thrall
thrall@ellenzweig.com

APPROVED	☐
APPROVED ONLY AS CORRECTED	■
APPROVED IN PART RESUBMIT ITEMS NOTED	☐
REVISE AND RESUBMIT	☐
NOT APPROVED	☐
REVIEWED	☐

REVIEWING IS ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED AT THE SITE; FOR INFORMATION THAT PERTAINS SOLELY TO THE FABRICATION PROCESSES OR TO THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION, FOR COORDINATION OF THE WORK OF ALL TRADES; AND FOR JOB SAFETY.

ACCEPTANCE OF THIS SUBMITTAL DOES NOT AUTHORIZE OR RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR DEVIATIONS FROM THE DRAWINGS OR SPECIFICATIONS OF OTHER CONTRACT DOCUMENTS, OR FROM INSTRUCTIONS OR SUPPLEMENTARY DRAWINGS FURNISHED BY THE ARCHITECT UNLESS THE CONTRACTOR HAS, IN WRITING, CALLED THE ARCHITECT'S ATTENTION TO SUCH DEVIATIONS AT THE TIME OF SUBMITTAL, NOR DOES THE ACCEPTANCE RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS IN THIS SUBMITTAL.

ELLENZWEIG
Date: 06/06/2026
BY: Amelia Thrall

Remarks

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Sign ID	Message	SignAgent Link	Approval
SG-01 - Directory			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-110 Type: SG-01		G-110-SG-01	
SG-02A.1g - Directional (Ground Floor)			
Est/Order #:Ground floor, 233334, 147888, 300308 Sign #: G-032 Type: SG-02A.1g		G-032-SG-02A.1g	
SG-02A.2g - Directional (Ground Floor)			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-107 Type: SG-02A.2g		G-107-SG-02A.2g	
SG-02B - Directory + Directional			
Est/Order #:Ground floor, 233334, 147888, 300308 Sign #: G-018 Type: SG-02B		G-018-SG-02B	
Est/Order #:Ground floor, 233334, 147888, 300308 Sign #: G-070 Type: SG-02B		G-070-SG-02B	
SG-03 - Dimensional Letters			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-108 Type: SG-03		G-108-SG-03	
SG-04.L - Overhead Single Line, Wall Mounted			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-034 Type: SG-04.L		G-034-SG-04.L	

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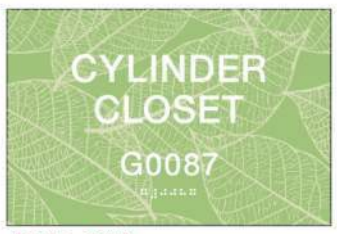
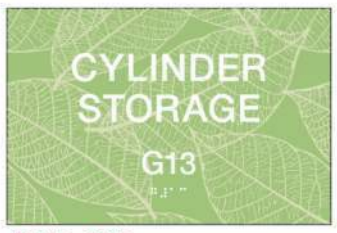
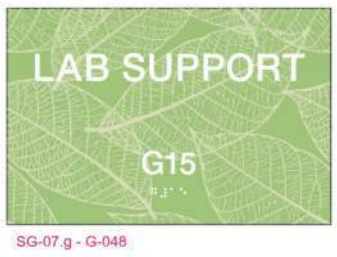
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Issued Date: 2026-06-02

Sign ID	Message	SignAgent Link	Approval
SG-04.R - Overhead Single Line, Wall Mounted			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-036 Type: SG-04.R	 SG-04.R - G-036	G-036-SG-04.R	
SG-06M.1g - Medium Room ID accommodates small insert (Ground Floor)			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-005 Type: SG-06M.1g Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1g - G-005	G-005-SG-06M.1g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-008 Type: SG-06M.1g Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1g - G-008	G-008-SG-06M.1g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-010 Type: SG-06M.1g Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1g - G-010	G-010-SG-06M.1g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-013 Type: SG-06M.1g Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1g - G-013	G-013-SG-06M.1g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-016 Type: SG-06M.1g Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1g - G-016	G-016-SG-06M.1g	

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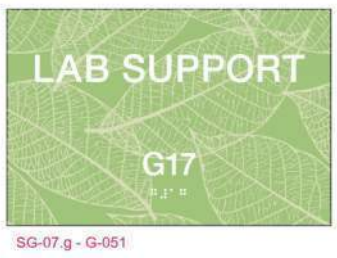
COR0002
Issued Date: 2026-06-02

Sign ID	Message	SignAgent Link	Approval
Est/Order #:Ground floor, 147888, 234430 Sign #: G-019 Type: SG-06M.1g Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1g - G-019	G-019-SG-06M.1g	
SG-06M.3g - Medium Room ID accommodates large insert (with window backer) (Ground Floor)			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-072 Type: SG-06M.3g Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		G-072-SG-06M.3g	
SG-07.g - Medium Room ID (2 lines of copy) (Ground Floor)			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-017 Type: SG-07.g	 SG-07.g - G-017	G-017-SG-07.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-020 Type: SG-07.g	 SG-07.g - G-020	G-020-SG-07.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-032 Type: SG-07.g	 SG-07.g - G-032	G-032-SG-07.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-045 Type: SG-07.g	 SG-07.g - G-045	G-045-SG-07.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-048 Type: SG-07.g	 SG-07.g - G-048	G-048-SG-07.g	

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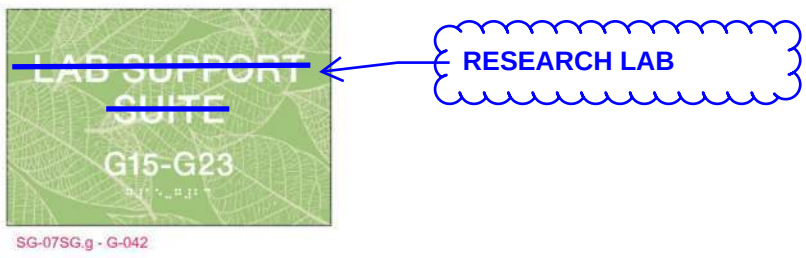
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Issued Date: 2026-06-02

Sign ID	Message	SignAgent Link	Approval
Est/Order #:Ground floor, 147888, 234430 Sign #: G-051 Type: SG-07.g	 SG-07.g - G-051	G-051-SG-07.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-055 Type: SG-07.g	 SG-07.g - G-055	G-055-SG-07.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-057 Type: SG-07.g	 SG-07.g - G-057	G-057-SG-07.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-059 Type: SG-07.g	 SG-07.g - G-059	G-059-SG-07.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-068 Type: SG-07.g	 SG-07.g - G-068	G-068-SG-07.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-070 Type: SG-07.g	 SG-07.g - G-070	G-070-SG-07.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-105 Type: SG-07.g	 SG-07.g - G-105	G-105-SG-07.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-113 Type: SG-07.g	 SG-07.g - G-113	G-113-SG-07.g	

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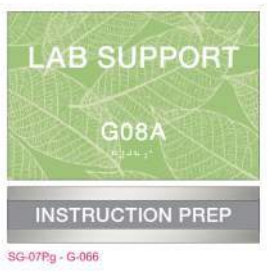
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Sign ID	Message	SignAgent Link	Approval
SG-07G.g - Medium Room ID (2 lines of copy) (with window backer) (Ground Floor)			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-053 Type: SG-07G.g	 SG-07G.g - G-053	G-053-SG-07G.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-061 Type: SG-07G.g	 SG-07G.g - G-061	G-061-SG-07G.g	
SG-07S.g - Medium Room ID (3 lines of copy) (Ground Floor)			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-101 Type: SG-07S.g	 SG-07S.g - G-101	G-101-SG-07S.g	
SG-07SG.g - Medium Room ID (3 lines of copy) (with window backer) (Ground Floor)			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-042 Type: SG-07SG.g	 SG-07SG.g - G-042	G-042-SG-07SG.g	
SG-07P.g - Medium Room ID (2 lines of copy) + Insert plaque (Ground Floor)			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-002 Type: SG-07P.g	 SG-07P.g - G-002	G-002-SG-07P.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-003 Type: SG-07P.g	 SG-07P.g - G-003	G-003-SG-07P.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-006 Type: SG-07P.g	 SG-07P.g - G-006	G-006-SG-07P.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-011 Type: SG-07P.g	 SG-07P.g - G-011	G-011-SG-07P.g	

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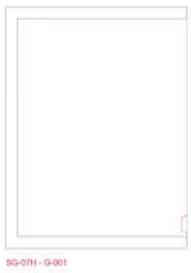
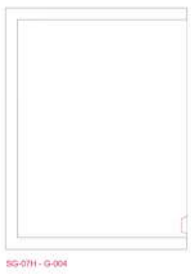
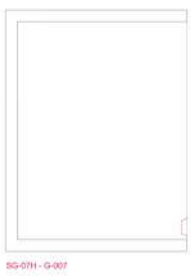
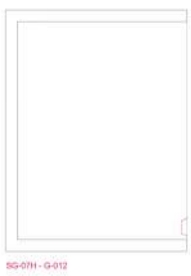
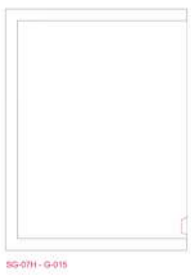
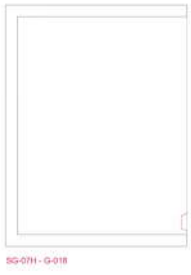
COR0002
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Sign ID	Message	SignAgent Link	Approval
Est/Order #:Ground floor, 147888, 234430 Sign #: G-014 Type: SG-07P.g		G-014-SG-07P.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-022 Type: SG-07P.g		G-022-SG-07P.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-066 Type: SG-07P.g		G-066-SG-07P.g	
SG-07PG.g - Medium Room ID (2 lines of copy) + Insert plaque (with window backer) (Ground Floor)			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-030 Type: SG-07PG.g		G-030-SG-07PG.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-038 Type: SG-07PG.g		G-038-SG-07PG.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-091 Type: SG-07PG.g		G-091-SG-07PG.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-093 Type: SG-07PG.g		G-093-SG-07PG.g	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-095 Type: SG-07PG.g		G-095-SG-07PG.g	

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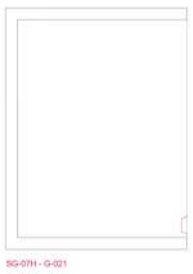
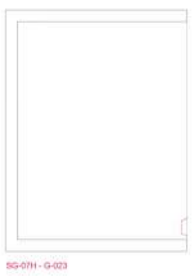
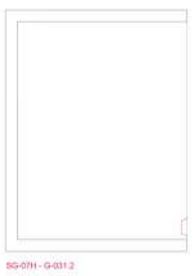
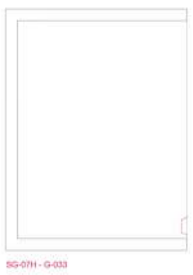
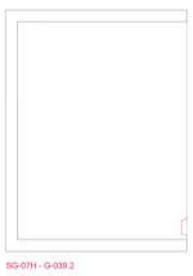
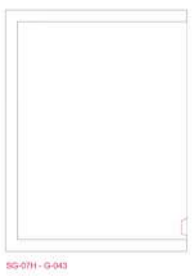
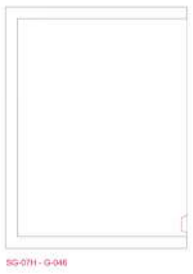
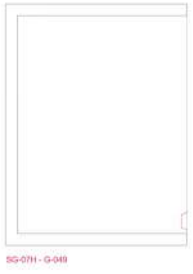
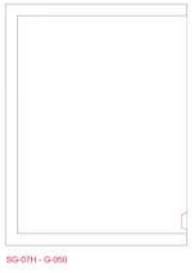
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Sign ID	Message	SignAgent Link	Approval
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Est/Order #:Ground floor, 147888, 234430 Sign #: G-099 Type: SG-07PG.g		G-099-SG-07PG.g	
SG-07H - Notice Holder			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-001 Type: SG-07H		G-001-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-004 Type: SG-07H		G-004-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-007 Type: SG-07H		G-007-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-012 Type: SG-07H		G-012-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-015 Type: SG-07H		G-015-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-018 Type: SG-07H		G-018-SG-07H	

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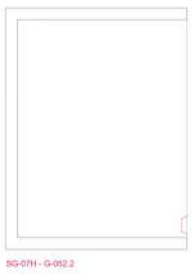
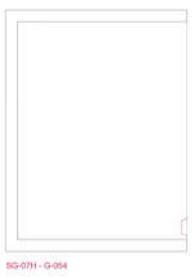
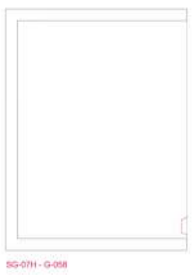
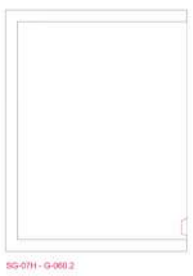
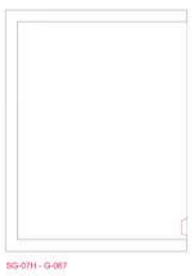
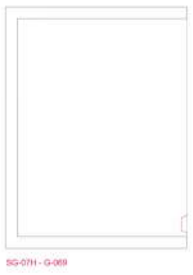
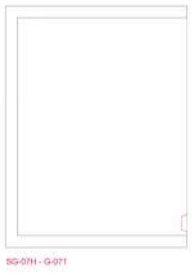
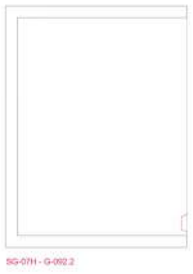
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Est/Order #:Ground floor, 147888, 234430 Sign #: G-023 Type: SG-07H		G-023-SG-07H	
Est/Order #:Ground floor, 147888 Sign #: G-031.2 Type: SG-07H		G-031.2-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-033 Type: SG-07H		G-033-SG-07H	
Est/Order #:Ground floor, 147888 Sign #: G-039.2 Type: SG-07H		G-039.2-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-043 Type: SG-07H		G-043-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-046 Type: SG-07H		G-046-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-049 Type: SG-07H		G-049-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-050 Type: SG-07H		G-050-SG-07H	

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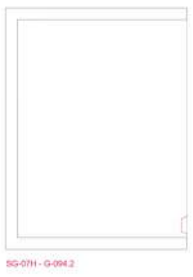
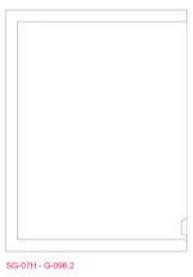
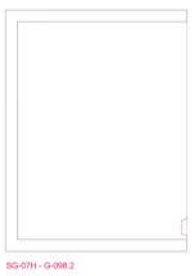
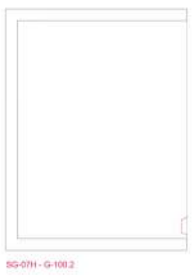
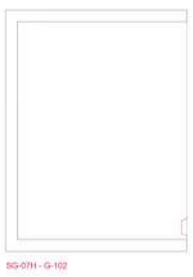
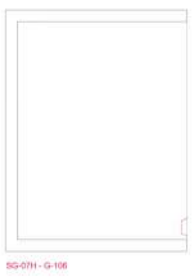
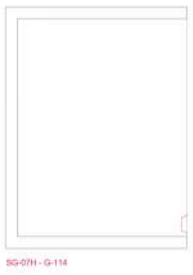
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Sign ID	Message	SignAgent Link	Approval
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Est/Order #:Ground floor, 147888, 234430 Sign #: G-054 Type: SG-07H		G-054-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-056 Type: SG-07H		G-056-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-058 Type: SG-07H		G-058-SG-07H	
Est/Order #:Ground floor, 147888 Sign #: G-060.2 Type: SG-07H		G-060.2-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-067 Type: SG-07H		G-067-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-069 Type: SG-07H		G-069-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-071 Type: SG-07H		G-071-SG-07H	
Est/Order #:Ground floor, 147888 Sign #: G-092.2 Type: SG-07H		G-092.2-SG-07H	

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Est/Order #:Ground floor, 147888 Sign #: G-094.2 Type: SG-07H		G-094.2-SG-07H	
Est/Order #:Ground floor, 147888 Sign #: G-096.2 Type: SG-07H		G-096.2-SG-07H	
Est/Order #:Ground floor, 147888 Sign #: G-098.2 Type: SG-07H		G-098.2-SG-07H	
Est/Order #:Ground floor, 147888 Sign #: G-100.2 Type: SG-07H		G-100.2-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-102 Type: SG-07H		G-102-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-106 Type: SG-07H		G-106-SG-07H	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-114 Type: SG-07H		G-114-SG-07H	
SG-07HG - Window Backer for SG-07H			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-031 Type: SG-07HG		G-031-SG-07HG	

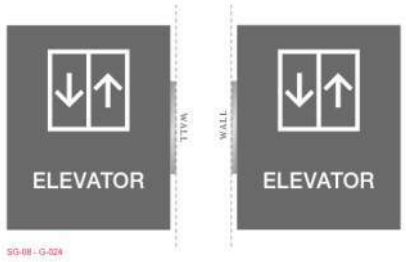
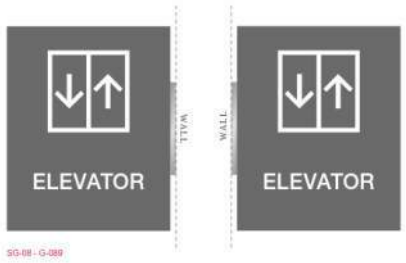
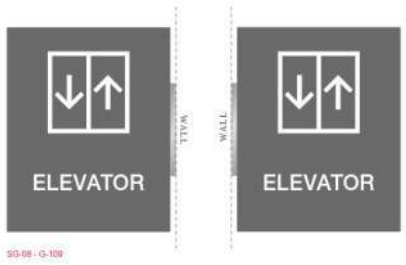
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Est/Order #:Ground floor, 147888, 234430 Sign #: G-039 Type: SG-07HG		G-039-SG-07HG	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-052 Type: SG-07HG		G-052-SG-07HG	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-060 Type: SG-07HG		G-060-SG-07HG	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-092 Type: SG-07HG		G-092-SG-07HG	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-094 Type: SG-07HG		G-094-SG-07HG	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-096 Type: SG-07HG		G-096-SG-07HG	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-098 Type: SG-07HG		G-098-SG-07HG	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-100 Type: SG-07HG		G-100-SG-07HG	

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Sign ID	Message	SignAgent Link	Approval
SG-08 - Elevator Flag			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-024 Type: SG-08		G-024-SG-08	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-089 Type: SG-08		G-089-SG-08	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-109 Type: SG-08		G-109-SG-08	
SG-09A.2 - Restroom / Drinking Fountain Flag			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-111 Type: SG-09A.2		G-111-SG-09A.2	
SG-09B.1 - HC Restroom ID			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-104 Type: SG-09B.1		G-104-SG-09B.1	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-112 Type: SG-09B.1		G-112-SG-09B.1	
SG-12B.1 - Stair ID			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-086 Type: SG-12B.1 Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		G-086-SG-12B.1	

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Sign ID	Message	SignAgent Link	Approval
SG-12B.2 - Directional Stair ID			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-025 Type: SG-12B.2		G-025-SG-12B.2	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-040 Type: SG-12B.2		G-040-SG-12B.2	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-064 Type: SG-12B.2 Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		G-064-SG-12B.2	
SG-12C - Level ID			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-027 Type: SG-12C		G-027-SG-12C	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-041 Type: SG-12C		G-041-SG-12C	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-065 Type: SG-12C		G-065-SG-12C	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-088 Type: SG-12C		G-088-SG-12C	
SG-12D - Exit sign			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-028 Type: SG-12D		G-028-SG-12D	

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Sign ID	Message	SignAgent Link	Approval
SG-12E - Exit Route Sign			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-119 Type: SG-12E	 SG-12E - G-119	G-119-SG-12E	
SG-13 - Non-Public Room ID (2 lines of copy)			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-026 Type: SG-13	 SG-13 - G-026	G-026-SG-13	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-029 Type: SG-13	 SG-13 - G-029	G-029-SG-13	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-075 Type: SG-13	 SG-13 - G-075	G-075-SG-13	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-076 Type: SG-13	 SG-13 - G-076	G-076-SG-13	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-077 Type: SG-13	 SG-13 - G-077	G-077-SG-13	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-078 Type: SG-13	 SG-13 - G-078	G-078-SG-13	
Est/Order #:Ground floor, 147888 Sign #: G-078.2 Type: SG-13	 SG-13 - G-078.2	G-078.2-SG-13	

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Sign ID	Message	SignAgent Link	Approval
Est/Order #:Ground floor, 147888, 234430 Sign #: G-079 Type: SG-13	 SG-13 - G-079	G-079-SG-13	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-081 Type: SG-13	 SG-13 - G-081	G-081-SG-13	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-083 Type: SG-13	 SG-13 - G-083	G-083-SG-13	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-084 Type: SG-13	 SG-13 - G-084	G-084-SG-13	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-085 Type: SG-13	 SG-13 - G-085	G-085-SG-13	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-115 Type: SG-13	 SG-13 - G-115	G-115-SG-13	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-116 Type: SG-13	 SG-13 - G-116	G-116-SG-13	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-117 Type: SG-13	 SG-13 - G-117	G-117-SG-13	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-118 Type: SG-13	 SG-13 - G-118	G-118-SG-13	

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Sign ID	Message	SignAgent Link	Approval
SG-13.2 - Non-Public Room ID (3 lines of copy)			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-037 Type: SG-13.2	 SG-13.2 - G-037	G-037-SG-13.2	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-044 Type: SG-13.2	 SG-13.2 - G-044	G-044-SG-13.2	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-074 Type: SG-13.2	 SG-13.2 - G-074	G-074-SG-13.2	
SG-16 - Compressed Gas Sign			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-035 Type: SG-16	 SG-16 - G-035	G-035-SG-16	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-047 Type: SG-16	 SG-16 - G-047	G-047-SG-16	
SG-17 - Fire Extinguisher Flag			
Est/Order #:Ground floor, 147888 Sign #: TBD Type: SG-17		TBD-SG-17	
Est/Order #:Ground floor, 147888 Sign #: TBD Type: SG-17		TBD-SG-17	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-009 Type: SG-17		G-009-SG-17	

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Sign ID	Message	SignAgent Link	Approval
Est/Order #:Ground floor, 147888 Sign #: G-031.3 Type: SG-17		G-031.3-SG-17	
Est/Order #:Ground floor, 147888 Sign #: G-043.2 Type: SG-17		G-043.2-SG-17	
Est/Order #:Ground floor, 147888 Sign #: G-053.2 Type: SG-17		G-053.2-SG-17	
Est/Order #:Ground floor, 147888 Sign #: G-057.2 Type: SG-17		G-057.2-SG-17	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-062 Type: SG-17		G-062-SG-17	
SG-18C - Accessible Access Point ID			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-103 Type: SG-18C		G-103-SG-18C	
SG-18C.RL - Accessible Access Point Directory			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-073 Type: SG-18C.RL		G-073-SG-18C.RL	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-082 Type: SG-18C.RL		G-082-SG-18C.RL	

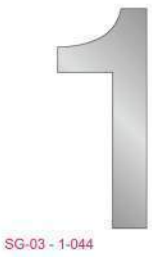
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Sign ID	Message	SignAgent Link	Approval
Est/Order #:Ground floor, 147888, 234430 Sign #: G-087 Type: SG-18C.RL		G-087-SG-18C.RL	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-090 Type: SG-18C.RL		G-090-SG-18C.RL	
SG-27A - Shaftway Identification Sign			
Est/Order #:Ground floor, 147888, 234430 Sign #: G-063 Type: SG-27A	 SG-27A - G-063	G-063-SG-27A	
Est/Order #:Ground floor, 147888, 234430 Sign #: G-080 Type: SG-27A	 SG-27A - G-080	G-080-SG-27A	

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Sign ID	Message	SignAgent Link	Approval
SG-01 - Directory			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-046 Type: SG-01		1-046-SG-01	
SG-02A.1y - Directional (First Floor)			
Est/Order #:FLOOR 1, 233334, 147888, 300308 Sign #: 1-017 Type: SG-02A.1y		1-017-SG-02A.1y	
SG-02A.2y - Directional (First Floor)			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-045 Type: SG-02A.2y		1-045-SG-02A.2y	
SG-02C - Directory + Directional			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-065 Type: SG-02C		1-065-SG-02C	
SG-03 - Dimensional Letters			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-044 Type: SG-03		1-044-SG-03	
SG-04.L - Overhead Single Line, Wall Mounted			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-048 Type: SG-04.L		1-048-SG-04.L	
SG-05.y - Medium Room ID (2 lines of copy) (First Floor)			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-020 Type: SG-05.y		1-020-SG-05.y	

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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-036 Type: SG-05.y	 SG-05.y - 1-036	1-036-SG-05.y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-050 Type: SG-05.y	 SG-05.y - 1-050	1-050-SG-05.y	
SG-05G.y - Medium Room ID (2 lines of copy) (with window backer) (First Floor)			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-009 Type: SG-05G.y	 SG-05G.y - 1-009 Glass with backer	1-009-SG-05G.y	
SG-06M.1y - Medium Room ID accommodates small insert (First Floor)			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-001 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1y - 1-001	1-001-SG-06M.1y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-003 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1y - 1-003	1-003-SG-06M.1y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-004 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1y - 1-004	1-004-SG-06M.1y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-005 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1y - 1-005	1-005-SG-06M.1y	

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Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-006 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1y - 1-006	1-006-SG-06M.1y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-007 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1y - 1-007	1-007-SG-06M.1y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-008 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1y - 1-008	1-008-SG-06M.1y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-010 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1y - 1-010	1-010-SG-06M.1y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-011 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1y - 1-011	1-011-SG-06M.1y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-012 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1y - 1-012	1-012-SG-06M.1y	

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Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-014 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		1-014-SG-06M.1y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-016 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		1-016-SG-06M.1y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-039 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		1-039-SG-06M.1y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-040 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		1-040-SG-06M.1y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-041 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		1-041-SG-06M.1y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-055 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		1-055-SG-06M.1y	

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Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-056 Type: SG-06M.1y		1-056-SG-06M.1y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-057 Type: SG-06M.1y		1-057-SG-06M.1y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-058 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		1-058-SG-06M.1y	
SG-06M.1y - Medium Room ID accommodates small insert (with window backer) (First Floor)			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-019 Type: SG-06M.1y Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		1-019-SG-06M.1y	
SG-07.y - Medium Room ID (2 lines of copy) (First Floor)			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-013 Type: SG-07.y		1-013-SG-07.y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-024 Type: SG-07.y		1-024-SG-07.y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-025 Type: SG-07.y		1-025-SG-07.y	

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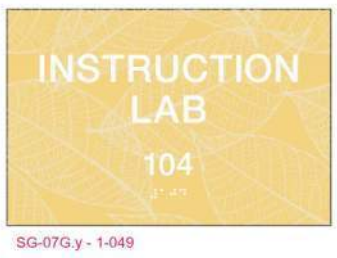
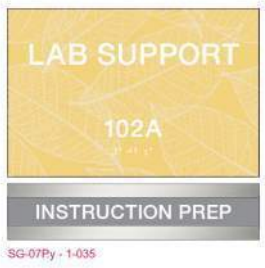
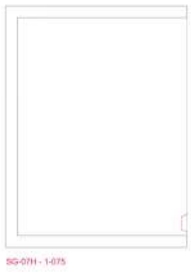
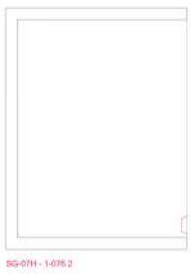
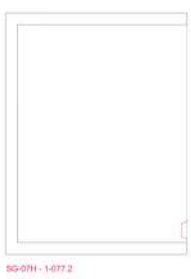
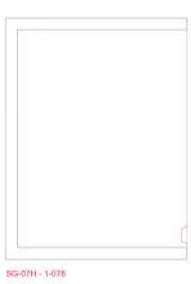
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Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-027 Type: SG-07.y	 SG-07.y - 1-027	1-027-SG-07.y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-028 Type: SG-07.y	 SG-07.y - 1-028	1-028-SG-07.y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-031 Type: SG-07.y	 SG-07.y - 1-031	1-031-SG-07.y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-037 Type: SG-07.y	 SG-07.y - 1-037	1-037-SG-07.y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-038 Type: SG-07.y	 SG-07.y - 1-038	1-038-SG-07.y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-063 Type: SG-07.y	 SG-07.y - 1-063	1-063-SG-07.y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-064 Type: SG-07.y	 SG-07.y - 1-064	1-064-SG-07.y	
SG-07G.y - Medium Room ID (2 lines of copy) (with window backer) (First Floor)			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-021 Type: SG-07G.y	 SG-07G.y - 1-021	1-021-SG-07G.y	

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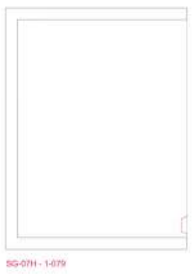
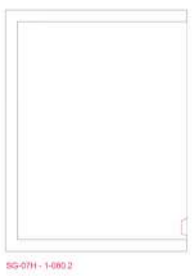
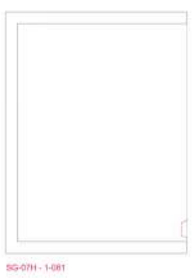
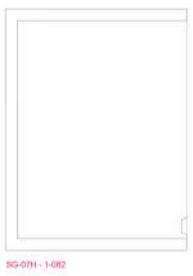
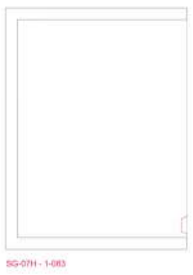
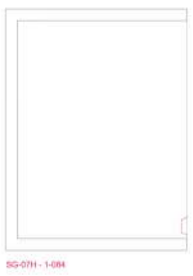
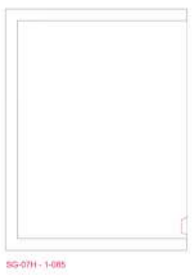
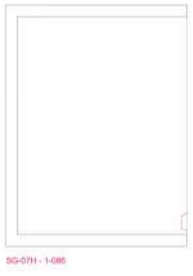
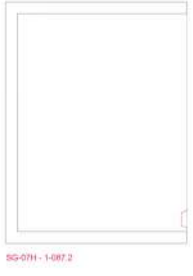
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Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-026 Type: SG-07G.y		1-026-SG-07G.y	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-049 Type: SG-07G.y		1-049-SG-07G.y	
SG-07P.y - Medium Room ID (2 lines of copy) + Insert plaque (First Floor)			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-035 Type: SG-07P.y		1-035-SG-07Py	
SG-07PG.y - Medium Room ID (2 lines of copy) + Insert plaque (with window backer) (First Floor)			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-015 Type: SG-07PG.y		1-015-SG-07PG.y	
SG-07H - Notice Holder			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-075 Type: SG-07H		1-075-SG-07H	
Est/Order #:FLOOR 1, 147888 Sign #: 1-076.2 Type: SG-07H		1-076.2-SG-07H	
Est/Order #:FLOOR 1, 147888 Sign #: 1-077.2 Type: SG-07H		1-077.2-SG-07H	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-078 Type: SG-07H		1-078-SG-07H	

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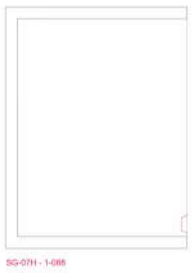
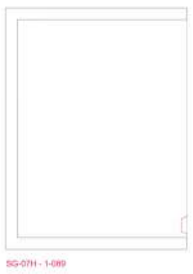
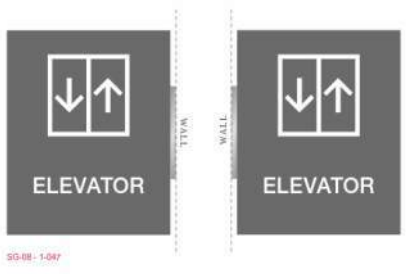
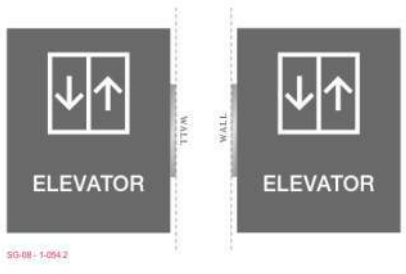
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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-079 Type: SG-07H		1-079-SG-07H	
Est/Order #:FLOOR 1, 147888 Sign #: 1-080.2 Type: SG-07H		1-080.2-SG-07H	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-081 Type: SG-07H		1-081-SG-07H	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-082 Type: SG-07H		1-082-SG-07H	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-083 Type: SG-07H		1-083-SG-07H	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-084 Type: SG-07H		1-084-SG-07H	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-085 Type: SG-07H		1-085-SG-07H	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-086 Type: SG-07H		1-086-SG-07H	
Est/Order #:FLOOR 1, 147888 Sign #: 1-087.2 Type: SG-07H		1-087.2-SG-07H	

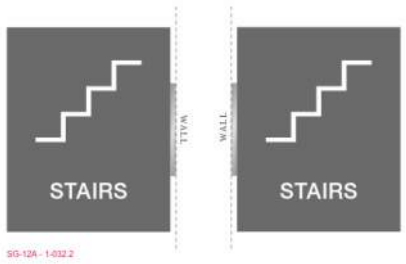
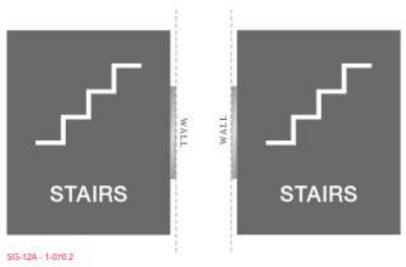
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Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-088 Type: SG-07H		1-088-SG-07H	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-089 Type: SG-07H		1-089-SG-07H	
SG-07HG - Window Backer for SG-07H			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-076 Type: SG-07HG		1-076-SG-07HG	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-077 Type: SG-07HG		1-077-SG-07HG	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-080 Type: SG-07HG		1-080-SG-07HG	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-087 Type: SG-07HG		1-087-SG-07HG	
SG-08 - Elevator Flag			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-047 Type: SG-08		1-047-SG-08	
Est/Order #:FLOOR 1, 147888 Sign #: 1-054.2 Type: SG-08		1-054.2-SG-08	

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Sign ID	Message	SignAgent Link	Approval
SG-09B.1 - HC Restroom ID			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-034 Type: SG-09B.1		1-034-SG-09B.1	
SG-09C - Restroom ID			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-053 Type: SG-09C		1-053-SG-09C	
SG-12A - Stair Flag			
Est/Order #:FLOOR 1, 147888 Sign #: 1-032.2 Type: SG-12A		1-032.2-SG-12A	
Est/Order #:FLOOR 1, 147888 Sign #: 1-070.2 Type: SG-12A		1-070.2-SG-12A	
SG-12B.1 - Stair ID			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-071 Type: SG-12B.1		1-071-SG-12B.1	
SG-12B.2 - Directional Stair ID			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-032 Type: SG-12B.2		1-032-SG-12B.2	
SG-12C - Level ID			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-033 Type: SG-12C		1-033-SG-12C	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-061 Type: SG-12C		1-061-SG-12C	

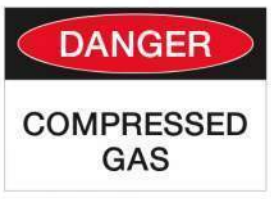
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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-073 Type: SG-12C		1-073-SG-12C	
SG-12C.2 - Tactile Level ID			
Est/Order #:FLOOR 1, 147888 Sign #: 1-072.2 Type: SG-12C.2	 SG-12C.2 - 1-072.2	1-072.2-SG-12C.2	
SG-12D - Exit sign			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-059 Type: SG-12D	 SG-12D - 1-059	1-059-SG-12D	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-066 Type: SG-12D	 SG-12D - 1-066	1-066-SG-12D	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-067 Type: SG-12D	 SG-12D - 1-067	1-067-SG-12D	
SG-12E - Exit Route Sign			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-060 Type: SG-12E	 SG-12E - 1-060	1-060-SG-12E	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-072 Type: SG-12E	 SG-12E - 1-072	1-072-SG-12E	
SG-13 - Non-Public Room ID (2 lines of copy)			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-017 Type: SG-13	 SG-13 - 1-017	1-017-SG-13	

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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-042 Type: SG-13	 SG-13 - 1-042	1-042-SG-13	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-051 Type: SG-13	 SG-13 - 1-051	1-051-SG-13	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-068 Type: SG-13	 SG-13 - 1-068	1-068-SG-13	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-069 Type: SG-13	 SG-13 - 1-069	1-069-SG-13	
SG-13.2 - Non-Public Room ID (3 lines of copy)			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-052 Type: SG-13.2	 SG-13.2 - 1-052	1-052-SG-13.2	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-054 Type: SG-13.2	 SG-13.2 - 1-054	1-054-SG-13.2	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-062 Type: SG-13.2	 SG-13.2 - 1-062	1-062-SG-13.2	
SG-16 - Compressed Gas Sign			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-022 Type: SG-16	 SG-16 - 1-022	1-022-SG-16	

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Sign ID	Message	SignAgent Link	Approval
SG-17 - Fire Extinguisher Flag			
Est/Order #:FLOOR 1, 147888 Sign #: 1-020.2 Type: SG-17		1-020.2-SG-17	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-023 Type: SG-17		1-023-SG-17	
Est/Order #:FLOOR 1, 147888 Sign #: 1-025.2 Type: SG-17		1-025.2-SG-17	
Est/Order #:FLOOR 1, 147888 Sign #: 1-030.2 Type: SG-17		1-030.2-SG-17	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-043 Type: SG-17		1-043-SG-17	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-070 Type: SG-17		1-070-SG-17	
SG-27A - Shaftway Identification Sign			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-018 Type: SG-27A		1-018-SG-27A	
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-029 Type: SG-27A		1-029-SG-27A	

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Sign ID	Message	SignAgent Link	Approval
SG-27B - Shaftway Cabinet Sign			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-030 Type: SG-27B		1-030-SG-27B	
SG-30 - Plant Science Flag			
Est/Order #:FLOOR 1, 147888, 234430 Sign #: 1-002 Type: SG-30		1-002-SG-30	

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Sign ID	Message	SignAgent Link	Approval
SG-01 - Directory			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-041 Type: SG-01		2-041-SG-01	
SG-02A.1o - Directional (Second Floor)			
Est/Order #:FLOOR 2, 233334, 147888, 300308 Sign #: 2-018 Type: SG-02A.1o		2-018-SG-02A.1o	
SG-02A.2o - Directional (Second Floor)			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-040 Type: SG-02A.2o		2-040-SG-02A.2o	
SG-03 - Dimensional Letters			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-039 Type: SG-03		2-039-SG-03	
SG-05.o - Medium Room ID (2 lines of copy) (Second Floor)			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-008 Type: SG-05.o		2-008-SG-05.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-017 Type: SG-05.o		2-017-SG-05.o	
SG-06M.1o - Medium Room ID accommodates small insert (Second Floor)			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-002 Type: SG-06M.1o Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		2-002-SG-06M.1o	

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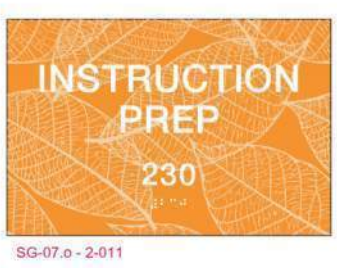
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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-003 Type: SG-06M.1o Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		2-003-SG-06M.1o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-005 Type: SG-06M.1o Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		2-005-SG-06M.1o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-006 Type: SG-06M.1o Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		2-006-SG-06M.1o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-007 Type: SG-06M.1o Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		2-007-SG-06M.1o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-032 Type: SG-06M.1o Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		2-032-SG-06M.1o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-033 Type: SG-06M.1o Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		2-033-SG-06M.1o	

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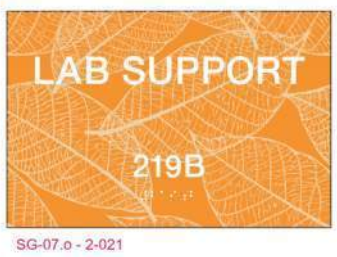
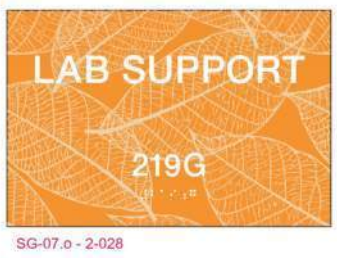
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Issued Date: 2026-06-02

Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-034 Type: SG-06M.1o Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		2-034-SG-06M.1o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-036 Type: SG-06M.1o Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		2-036-SG-06M.1o	
SG-06M.2o - Medium Room ID accommodates medium insert (Second Floor)			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-046 Type: SG-06M.2o Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		2-046-SG-06M.2o	
SG-06M.3o - Medium Room ID accommodates large insert (with window backer) (Second Floor)			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-016 Type: SG-06M.3o Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		2-016-SG-06M.3o	
SG-07.o - Medium Room ID (2 lines of copy) (Second Floor)			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-010 Type: SG-07.o		2-010-SG-07.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-011 Type: SG-07.o		2-011-SG-07.o	

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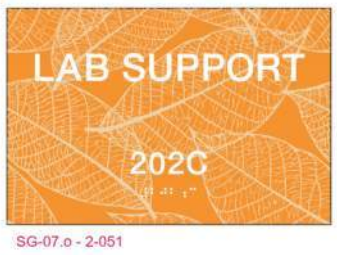
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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-019 Type: SG-07.o		2-019-SG-07.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-021 Type: SG-07.o		2-021-SG-07.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-022 Type: SG-07.o		2-022-SG-07.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-024 Type: SG-07.o		2-024-SG-07.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-025 Type: SG-07.o		2-025-SG-07.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-028 Type: SG-07.o		2-028-SG-07.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-043 Type: SG-07.o		2-043-SG-07.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-049 Type: SG-07.o		2-049-SG-07.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-050 Type: SG-07.o		2-050-SG-07.o	

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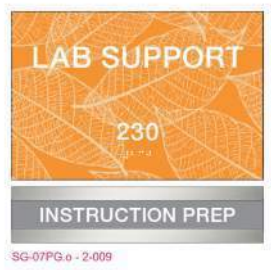
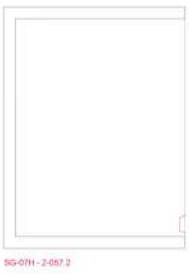
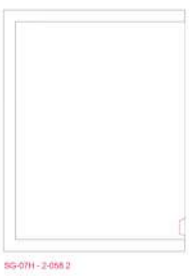
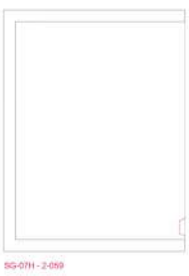
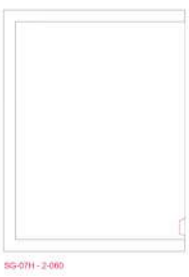
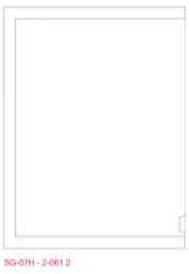
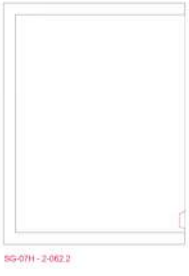
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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-051 Type: SG-07.o		2-051-SG-07.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-052 Type: SG-07.o		2-052-SG-07.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-053 Type: SG-07.o		2-053-SG-07.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-054 Type: SG-07.o		2-054-SG-07.o	
SG-07G.o - Medium Room ID (2 lines of copy) (with window backer) (Second Floor)			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-001 Type: SG-07G.o		2-001-SG-07G.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-018 Type: SG-07G.o		2-018-SG-07G.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-023 Type: SG-07G.o		2-023-SG-07G.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-047 Type: SG-07G.o		2-047-SG-07G.o	

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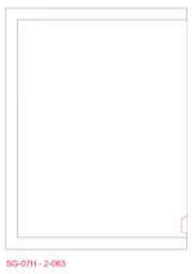
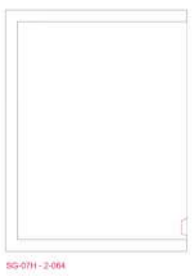
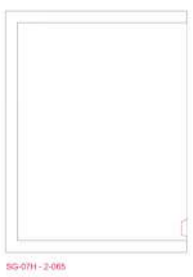
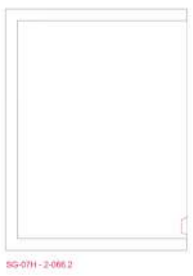
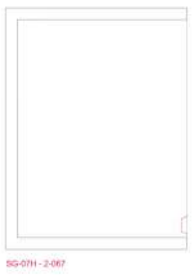
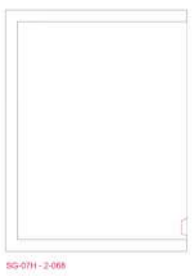
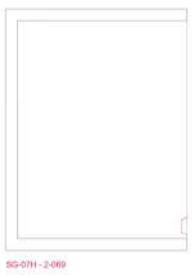
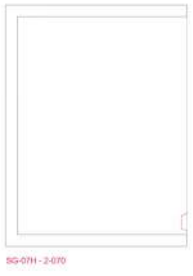
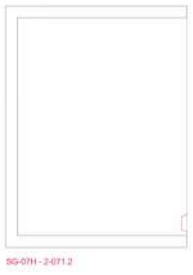
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Sign ID	Message	SignAgent Link	Approval
SG-07PG.o - Medium Room ID (2 lines of copy) + Insert plaque (with window backer) (Second Floor)			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-009 Type: SG-07PG.o		2-009-SG-07PG.o	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-014 Type: SG-07PG.o		2-014-SG-07PG.o	
SG-07H - Notice Holder			
Est/Order #:FLOOR 2, 147888 Sign #: 2-057.2 Type: SG-07H		2-057.2-SG-07H	
Est/Order #:FLOOR 2, 147888 Sign #: 2-058.2 Type: SG-07H		2-058.2-SG-07H	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-059 Type: SG-07H		2-059-SG-07H	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-060 Type: SG-07H		2-060-SG-07H	
Est/Order #:FLOOR 2, 147888 Sign #: 2-061.2 Type: SG-07H		2-061.2-SG-07H	
Est/Order #:FLOOR 2, 147888 Sign #: 2-062.2 Type: SG-07H		2-062.2-SG-07H	

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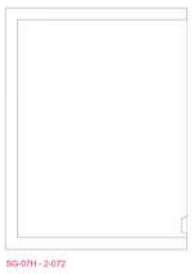
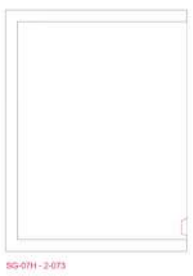
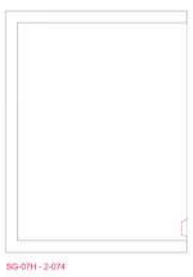
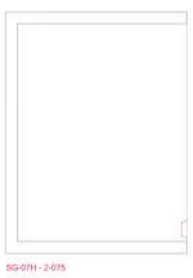
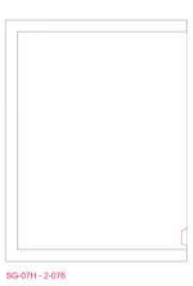
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Sign ID	Message	SignAgent Link	Approval
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Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-064 Type: SG-07H		2-064-SG-07H	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-065 Type: SG-07H		2-065-SG-07H	
Est/Order #:FLOOR 2, 147888 Sign #: 2-066.2 Type: SG-07H		2-066.2-SG-07H	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-067 Type: SG-07H		2-067-SG-07H	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-068 Type: SG-07H		2-068-SG-07H	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-069 Type: SG-07H		2-069-SG-07H	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-070 Type: SG-07H		2-070-SG-07H	
Est/Order #:FLOOR 2, 147888 Sign #: 2-071.2 Type: SG-07H		2-071.2-SG-07H	

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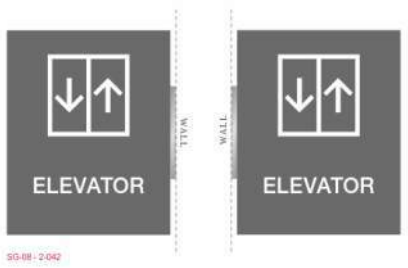
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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-072 Type: SG-07H		2-072-SG-07H	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-073 Type: SG-07H		2-073-SG-07H	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-074 Type: SG-07H		2-074-SG-07H	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-075 Type: SG-07H		2-075-SG-07H	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-076 Type: SG-07H		2-076-SG-07H	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-077 Type: SG-07H		2-077-SG-07H	
SG-07HG - Window Backer for SG-07H			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-057 Type: SG-07HG		2-057-SG-07HG	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-058 Type: SG-07HG		2-058-SG-07HG	

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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-061 Type: SG-07HG		2-061-SG-07HG	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-062 Type: SG-07HG		2-062-SG-07HG	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-066 Type: SG-07HG		2-066-SG-07HG	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-071 Type: SG-07HG		2-071-SG-07HG	
SG-08 - Elevator Flag			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-042 Type: SG-08		2-042-SG-08	
SG-09B.1 - HC Restroom ID			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-031 Type: SG-09B.1		2-031-SG-09B.1	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-044 Type: SG-09B.1		2-044-SG-09B.1	
SG-12B.1 - Stair ID			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-055 Type: SG-12B.1		2-055-SG-12B.1	

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SG-12B.2 - Directional Stair ID			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-029 Type: SG-12B.2		2-029-SG-12B.2	
SG-12C - Level ID			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-030 Type: SG-12C		2-030-SG-12C	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-056 Type: SG-12C		2-056-SG-12C	
SG-12C.2 - Tactile Level ID			
Est/Order #:FLOOR 2, 147888 Sign #: 2-056.2 Type: SG-12C.2		2-056.2-SG-12C.2	
SG-12D - Exit sign			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-035 Type: SG-12D		2-035-SG-12D	
SG-13 - Non-Public Room ID (2 lines of copy)			
Est/Order #:FLOOR 2, 147888 Sign #: TBD Type: SG-13		TBD-SG-13	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-012 Type: SG-13		2-012-SG-13	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-013 Type: SG-13		2-013-SG-13	

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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-037 Type: SG-13	 SG-13 - 2-037	2-037-SG-13	
SG-16 - Compressed Gas Sign			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-020 Type: SG-16	 SG-16 - 2-020	2-020-SG-16	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-045 Type: SG-16	 SG-16 - 2-045	2-045-SG-16	
SG-17 - Fire Extinguisher Flag			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-004 Type: SG-17		2-004-SG-17	
Est/Order #:FLOOR 2, 147888 Sign #: 2-017.2 Type: SG-17		2-017.2-SG-17	
Est/Order #:FLOOR 2, 147888 Sign #: 2-018.2 Type: SG-17		2-018.2-SG-17	
Est/Order #:FLOOR 2, 147888 Sign #: 2-022.2 Type: SG-17		2-022.2-SG-17	
Est/Order #:FLOOR 2, 147888 Sign #: 2-027.2 Type: SG-17		2-027.2-SG-17	

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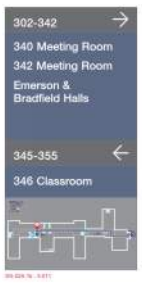
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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-038 Type: SG-17		2-038-SG-17	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-048 Type: SG-17		2-048-SG-17	
Est/Order #:FLOOR 2, 147888 Sign #: 2-050.2 Type: SG-17		2-050.2-SG-17	
Est/Order #:FLOOR 2, 147888 Sign #: 2-052.2 Type: SG-17		2-052.2-SG-17	
SG-27A - Shaftway Identification Sign			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-015 Type: SG-27A		2-015-SG-27A	
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-026 Type: SG-27A		2-026-SG-27A	
SG-27B - Shaftway Cabinet Sign			
Est/Order #:FLOOR 2, 147888, 234430 Sign #: 2-027 Type: SG-27B		2-027-SG-27B	

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Sign ID	Message	SignAgent Link	Approval
SG-01 - Directory			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-038 Type: SG-01		3-038-SG-01	
SG-02A.1b - Directional (Third Floor)			
Est/Order #:FLOOR 3, 233334, 147888, 300308 Sign #: 3-011 Type: SG-02A.1b		3-011-SG-02A.1b	
SG-02A.2b - Directional (Third Floor)			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-040 Type: SG-02A.2b		3-040-SG-02A.2b	
SG-03 - Dimensional Letters			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-039 Type: SG-03		3-039-SG-03	
SG-04.R - Overhead Single Line, Wall Mounted			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-047 Type: SG-04.R		3-047-SG-04.R	
SG-04D.R - Overhead Double Line, Wall Mounted			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-048 Type: SG-04D.R		3-048-SG-04D.R	
SG-05.b - Medium Room ID (2 lines of copy) (Third Floor)			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-001 Type: SG-05.b		3-001-SG-05.b	

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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-017 Type: SG-05.b	 SG-05.b - 3-017	3-017-SG-05.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-033 Type: SG-05.b	 SG-05.b - 3-033	3-033-SG-05.b	
SG-06M.1b - Medium Room ID accommodates small insert (Third Floor)			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-002 Type: SG-06M.1b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1b - 3-002	3-002-SG-06M.1b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-003 Type: SG-06M.1b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1b - 3-003	3-003-SG-06M.1b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-004 Type: SG-06M.1b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1b - 3-004	3-004-SG-06M.1b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-005 Type: SG-06M.1b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1b - 3-005	3-005-SG-06M.1b	

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Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-006 Type: SG-06M.1b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1b - 3-006	3-006-SG-06M.1b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-007 Type: SG-06M.1b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1b - 3-007	3-007-SG-06M.1b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-008 Type: SG-06M.1b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1b - 3-008	3-008-SG-06M.1b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-009 Type: SG-06M.1b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1b - 3-009	3-009-SG-06M.1b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-010 Type: SG-06M.1b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1b - 3-010	3-010-SG-06M.1b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-011 Type: SG-06M.1b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1b - 3-011	3-011-SG-06M.1b	

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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-012 Type: SG-06M.1b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1b - 3-012	3-012-SG-06M.1b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-034 Type: SG-06M.1b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1b - 3-034	3-034-SG-06M.1b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-050 Type: SG-06M.1b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1b - 3-050	3-050-SG-06M.1b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-051 Type: SG-06M.1b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1b - 3-051	3-051-SG-06M.1b	
SG-06M.1b - Medium Room ID accommodates small insert (with window backer) (Third Floor)			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-046 Type: SG-06M.1b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1b - 3-046s with backer	3-046-SG-06M.1b	
SG-06M.2b - Medium Room ID accommodates medium insert (with window backer) (Third Floor)			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-035 Type: SG-06M.2b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.2b - 3-035	3-035-SG-06M.2b	

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Sign ID	Message	SignAgent Link	Approval
SG-06M.3b - Medium Room ID accommodates large insert (with window backer) (Third Floor)			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-016 Type: SG-06M.3b Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		3-016-SG-06M.3b	
SG-07.b - Medium Room ID (2 lines of copy) (Third Floor)			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-019 Type: SG-07.b		3-019-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-020 Type: SG-07.b		3-020-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-022 Type: SG-07.b		3-022-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-023 Type: SG-07.b		3-023-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-029 Type: SG-07.b		3-029-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-041 Type: SG-07.b		3-041-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-044 Type: SG-07.b		3-044-SG-07.b	

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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-052 Type: SG-07.b	 SG-07.b - 3-052	3-052-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-053 Type: SG-07.b	 SG-07.b - 3-053	3-053-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-054 Type: SG-07.b	 SG-07.b - 3-054	3-054-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-055 Type: SG-07.b	 SG-07.b - 3-055	3-055-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-056 Type: SG-07.b	 SG-07.b - 3-056	3-056-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-062 Type: SG-07.b	 SG-07.b - 3-062	3-062-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-063 Type: SG-07.b	 SG-07.b - 3-063	3-063-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-064 Type: SG-07.b	 SG-07.b - 3-064	3-064-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-065 Type: SG-07.b	 SG-07.b - 3-065	3-065-SG-07.b	

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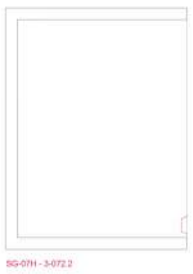
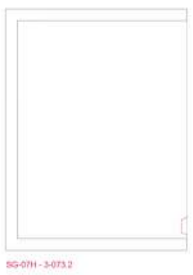
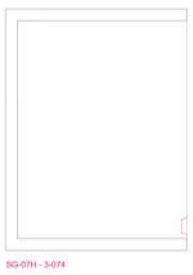
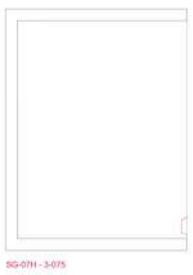
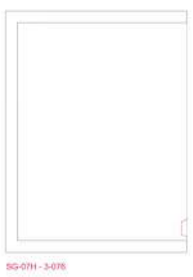
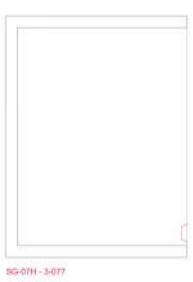
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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-066 Type: SG-07.b		3-066-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-067 Type: SG-07.b		3-067-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-068 Type: SG-07.b		3-068-SG-07.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-069 Type: SG-07.b		3-069-SG-07.b	
SG-07G.b - Medium Room ID (2 lines of copy) (with window backer) (Third Floor)			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-024 Type: SG-07G.b		3-024-SG-07G.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-025 Type: SG-07G.b		3-025-SG-07G.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-026 Type: SG-07G.b		3-026-SG-07G.b	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-060 Type: SG-07G.b		3-060-SG-07G.b	

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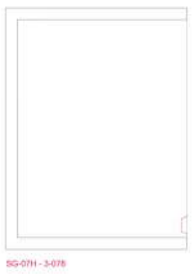
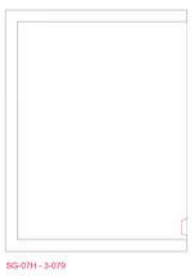
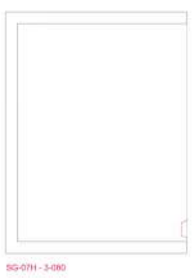
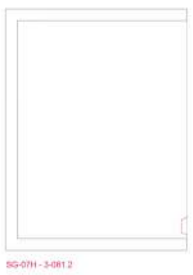
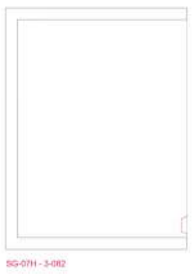
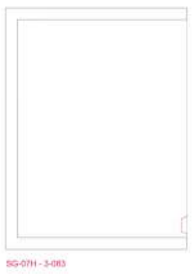
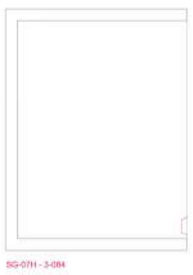
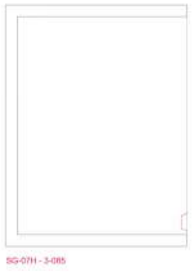
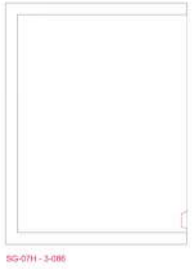
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Sign ID	Message	SignAgent Link	Approval
SG-07P.b - Medium Room ID (2 lines of copy) + Insert plaque (Third Floor)			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-057 Type: SG-07P.b		3-057-SG-07P.b	
SG-07PG.b - Medium Room ID (2 lines of copy) + Insert plaque (with window backer) (Third Floor)			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-013 Type: SG-07PG.b		3-013-SG-07PG.b	
SG-07H - Notice Holder			
Est/Order #:FLOOR 3, 147888 Sign #: 3-072.2 Type: SG-07H		3-072.2-SG-07H	
Est/Order #:FLOOR 3, 147888 Sign #: 3-073.2 Type: SG-07H		3-073.2-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-074 Type: SG-07H		3-074-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-075 Type: SG-07H		3-075-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-076 Type: SG-07H		3-076-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-077 Type: SG-07H		3-077-SG-07H	

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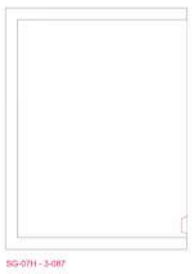
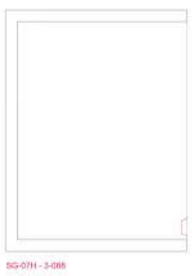
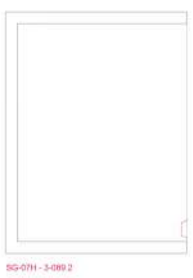
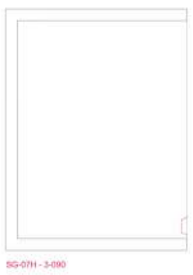
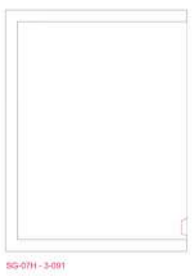
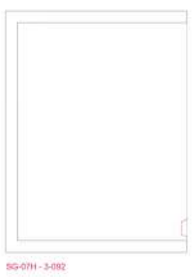
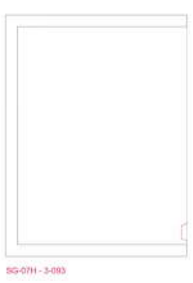
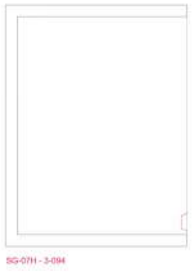
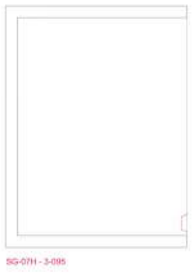
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Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-079 Type: SG-07H		3-079-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-080 Type: SG-07H		3-080-SG-07H	
Est/Order #:FLOOR 3, 147888 Sign #: 3-081.2 Type: SG-07H		3-081.2-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-082 Type: SG-07H		3-082-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-083 Type: SG-07H		3-083-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-084 Type: SG-07H		3-084-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-085 Type: SG-07H		3-085-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-086 Type: SG-07H		3-086-SG-07H	

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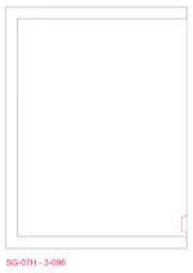
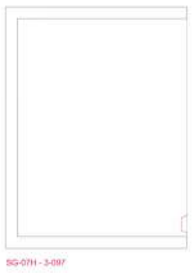
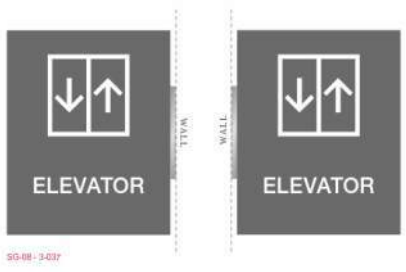
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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-087 Type: SG-07H		3-087-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-088 Type: SG-07H		3-088-SG-07H	
Est/Order #:FLOOR 3, 147888 Sign #: 3-089.2 Type: SG-07H		3-089.2-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-090 Type: SG-07H		3-090-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-091 Type: SG-07H		3-091-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-092 Type: SG-07H		3-092-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-093 Type: SG-07H		3-093-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-094 Type: SG-07H		3-094-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-095 Type: SG-07H		3-095-SG-07H	

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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-096 Type: SG-07H		3-096-SG-07H	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-097 Type: SG-07H		3-097-SG-07H	
SG-07HG - Window Backer for SG-07H			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-072 Type: SG-07HG		3-072-SG-07HG	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-073 Type: SG-07HG		3-073-SG-07HG	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-081 Type: SG-07HG		3-081-SG-07HG	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-089 Type: SG-07HG		3-089-SG-07HG	
SG-08 - Elevator Flag			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-037 Type: SG-08		3-037-SG-08	
SG-09B.1 - HC Restroom ID			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-032 Type: SG-09B.1		3-032-SG-09B.1	

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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-042 Type: SG-09B.1		3-042-SG-09B.1	
SG-12B.1 - Stair ID			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-070 Type: SG-12B.1		3-070-SG-12B.1	
SG-12B.2 - Directional Stair ID			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-030 Type: SG-12B.2		3-030-SG-12B.2	
SG-12C - Level ID			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-031 Type: SG-12C		3-031-SG-12C	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-071 Type: SG-12C		3-071-SG-12C	
SG-12C.2 - Tactile Level ID			
Est/Order #:FLOOR 3, 147888 Sign #: 3-071.2 Type: SG-12C.2	 SG-12C.2 - 3-071.2	3-071.2-SG-12C.2	
SG-12E - Exit Route Sign			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-058 Type: SG-12E	 SG-12E - 3-058	3-058-SG-12E	
SG-13 - Non-Public Room ID (2 lines of copy)			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-014 Type: SG-13	 SG-13 - 3-014	3-014-SG-13	

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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-036 Type: SG-13	 SG-13 - 3-036	3-036-SG-13	
SG-16 - Compressed Gas Sign			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-021 Type: SG-16	 SG-16 - 3-021	3-021-SG-16	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-045 Type: SG-16	 SG-16 - 3-045	3-045-SG-16	
SG-17 - Fire Extinguisher Flag			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-018 Type: SG-17		3-018-SG-17	
Est/Order #:FLOOR 3, 147888 Sign #: 3-019.2 Type: SG-17		3-019.2-SG-17	
Est/Order #:FLOOR 3, 147888 Sign #: 3-023.2 Type: SG-17		3-023.2-SG-17	
Est/Order #:FLOOR 3, 147888 Sign #: 3-028.2 Type: SG-17		3-028.2-SG-17	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-043 Type: SG-17		3-043-SG-17	

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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-049 Type: SG-17		3-049-SG-17	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-061 Type: SG-17		3-061-SG-17	
Est/Order #:FLOOR 3, 147888 Sign #: 3-061.2 Type: SG-17		3-061.2-SG-17	
Est/Order #:FLOOR 3, 147888 Sign #: 3-064.2 Type: SG-17		3-064.2-SG-17	
SG-23 - Dimensional Letters			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-059 Type: SG-23		3-059-SG-23	
SG-27A - Shaftway Identification Sign			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-015 Type: SG-27A		3-015-SG-27A	
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-027 Type: SG-27A		3-027-SG-27A	
SG-27B - Shaftway Cabinet Sign			
Est/Order #:FLOOR 3, 147888, 234430 Sign #: 3-028 Type: SG-27B		3-028-SG-27B	

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Sign ID	Message	SignAgent Link	Approval
SG-01 - Directory			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-023 Type: SG-01		4-023-SG-01	
SG-02A.1t - Directional (Fourth Floor)			
Est/Order #:FLOOR 4, 233334, 147888, 300308 Sign #: 4-014 Type: SG-02A.1t		4-014-SG-02A.1t	
SG-02A.2t - Directional (Fourth Floor)			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-025 Type: SG-02A.2t		4-025-SG-02A.2t	
SG-03 - Dimensional Letters			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-024 Type: SG-03		4-024-SG-03	
SG-04.L - Overhead Single Line, Wall Mounted			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-021 Type: SG-04.L		4-021-SG-04.L	
SG-04.R - Overhead Single Line, Wall Mounted			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-020 Type: SG-04.R		4-020-SG-04.R	
SG-05G.t - Medium Room ID (2 lines of copy) (with window backer) (Fourth Floor)			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-004 Type: SG-05G.t		4-004-SG-05G.t	

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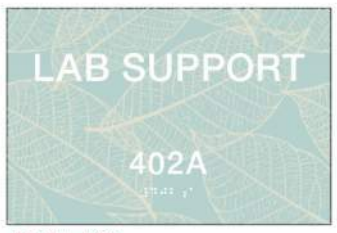
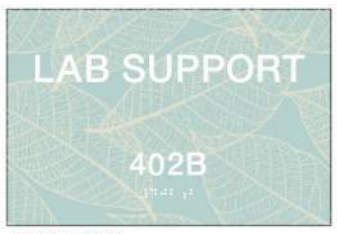
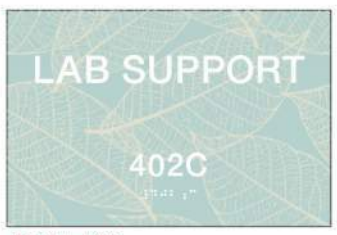
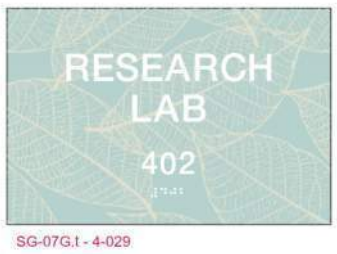
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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-009 Type: SG-05G.t		4-009-SG-05G.t	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-027 Type: SG-05G.t		4-027-SG-05G.t	
SG-06M.1t - Medium Room ID accommodates small insert (Fourth Floor)			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-002 Type: SG-06M.1t Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		4-002-SG-06M.1t	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-005 Type: SG-06M.1t Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		4-005-SG-06M.1t	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-006 Type: SG-06M.1t Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		4-006-SG-06M.1t	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-007 Type: SG-06M.1t Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message		4-007-SG-06M.1t	

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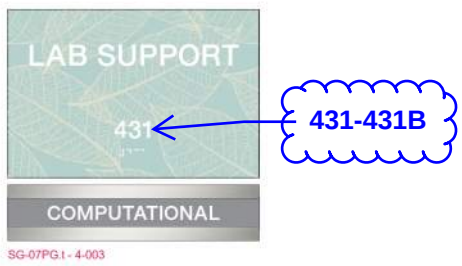
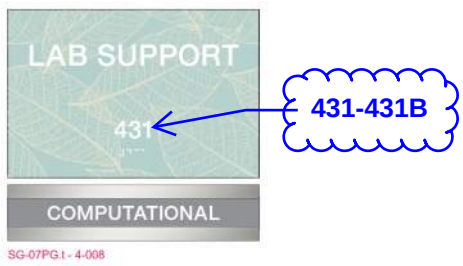
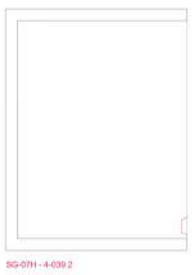
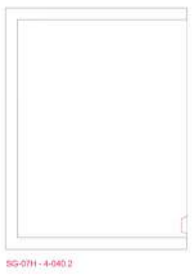
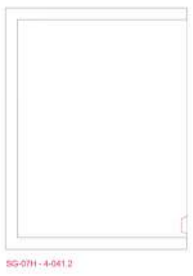
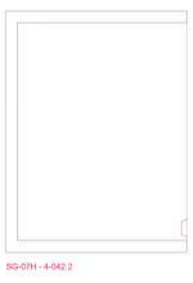
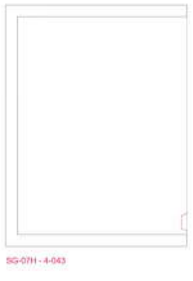
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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-011 Type: SG-06M.1t Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1t - 4-011	4-011-SG-06M.1t	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-028 Type: SG-06M.1t Comments Client CLIENT TO PROVIDE MESSAGE Comments Client to provide message	 SG-06M.1t - 4-028	4-028-SG-06M.1t	
SG-07.t - Medium Room ID (2 lines of copy) (Fourth Floor)			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-031 Type: SG-07.t	 SG-07.t - 4-031	4-031-SG-07.t	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-032 Type: SG-07.t	 SG-07.t - 4-032	4-032-SG-07.t	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-033 Type: SG-07.t	 SG-07.t - 4-033	4-033-SG-07.t	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-034 Type: SG-07.t	 SG-07.t - 4-034	4-034-SG-07.t	
SG-07G.t - Medium Room ID (2 lines of copy) (with window backer) (Fourth Floor)			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-029 Type: SG-07G.t	 SG-07G.t - 4-029	4-029-SG-07G.t	

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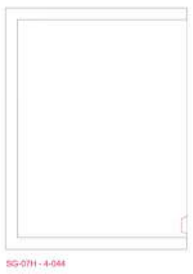
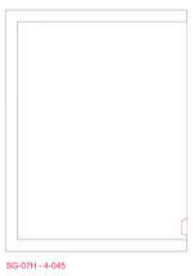
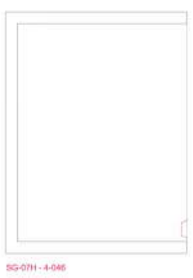
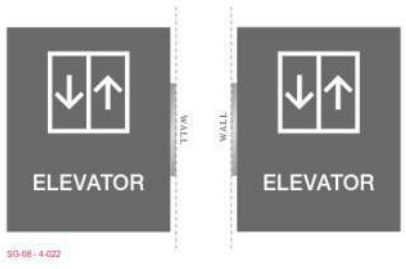
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Sign ID	Message	SignAgent Link	Approval
SG-07PG.t - Medium Room ID (2 lines of copy) + Insert plaque (with window backer) (Fourth Floor)			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-003 Type: SG-07PG.t		4-003-SG-07PG.t	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-008 Type: SG-07PG.t		4-008-SG-07PG.t	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-017 Type: SG-07PG.t		4-017-SG-07PG.t	
SG-07H - Notice Holder			
Est/Order #:FLOOR 4, 147888 Sign #: 4-039.2 Type: SG-07H		4-039.2-SG-07H	
Est/Order #:FLOOR 4, 147888 Sign #: 4-040.2 Type: SG-07H		4-040.2-SG-07H	
Est/Order #:FLOOR 4, 147888 Sign #: 4-041.2 Type: SG-07H		4-041.2-SG-07H	
Est/Order #:FLOOR 4, 147888 Sign #: 4-042.2 Type: SG-07H		4-042.2-SG-07H	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-043 Type: SG-07H		4-043-SG-07H	

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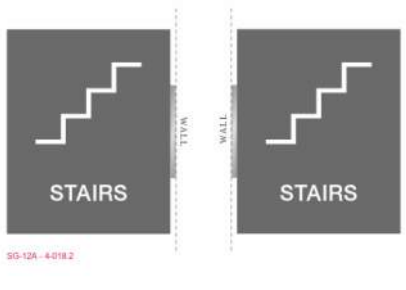
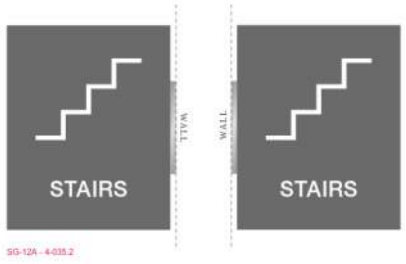
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Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-044 Type: SG-07H		4-044-SG-07H	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-045 Type: SG-07H		4-045-SG-07H	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-046 Type: SG-07H		4-046-SG-07H	
SG-07HG - Window Backer for SG-07H			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-039 Type: SG-07HG		4-039-SG-07HG	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-040 Type: SG-07HG		4-040-SG-07HG	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-041 Type: SG-07HG		4-041-SG-07HG	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-042 Type: SG-07HG		4-042-SG-07HG	
SG-08 - Elevator Flag			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-022 Type: SG-08		4-022-SG-08	

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Sign ID	Message	SignAgent Link	Approval
SG-09B.1 - HC Restroom ID			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-013 Type: SG-09B.1		4-013-SG-09B.1	
SG-12A - Stair Flag			
Est/Order #:FLOOR 4, 147888 Sign #: 4-018.2 Type: SG-12A		4-018.2-SG-12A	
Est/Order #:FLOOR 4, 147888 Sign #: 4-035.2 Type: SG-12A		4-035.2-SG-12A	
SG-12B.1 - Stair ID			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-037 Type: SG-12B.1		4-037-SG-12B.1	
SG-12B.2 - Directional Stair ID			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-018 Type: SG-12B.2		4-018-SG-12B.2	
SG-12C - Level ID			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-019 Type: SG-12C		4-019-SG-12C	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-036 Type: SG-12C		4-036-SG-12C	
SG-12C.2 - Tactile Level ID			
Est/Order #:FLOOR 4, 147888 Sign #: 4-036.2 Type: SG-12C.2		4-036.2-SG-12C.2	

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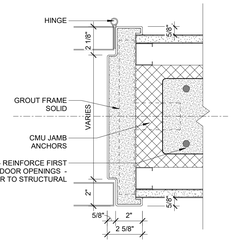
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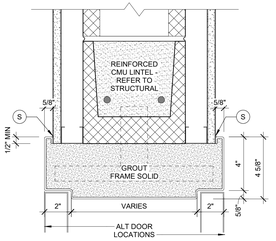
Sign ID	Message	SignAgent Link	Approval
SG-13 - Non-Public Room ID (2 lines of copy)			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-010 Type: SG-13	 SG-13 - 4-010	4-010-SG-13	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-012 Type: SG-13	 SG-13 - 4-012	4-012-SG-13	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-015 Type: SG-13	 SG-13 - 4-015	4-015-SG-13	
SG-16 - Compressed Gas Sign			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-030 Type: SG-16	 SG-16 - 4-030	4-030-SG-16	
SG-17 - Fire Extinguisher Flag			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-001 Type: SG-17		4-001-SG-17	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-016 Type: SG-17		4-016-SG-17	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-026 Type: SG-17		4-026-SG-17	
Est/Order #:FLOOR 4, 147888 Sign #: 4-029.2 Type: SG-17		4-029.2-SG-17	

takeform
11601 Maple Ridge Rd, Medina, NY, 14103
P 800.528.1398 F 585.798.8889
www.takeform.net

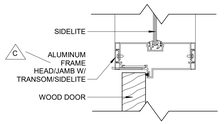
Sign ID	Message	SignAgent Link	Approval
Est/Order #:FLOOR 4, 147888 Sign #: 4-031.2 Type: SG-17		4-031.2-SG-17	
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-035 Type: SG-17		4-035-SG-17	
SG-27A - Shaftway Identification Sign			
Est/Order #:FLOOR 4, 147888, 234430 Sign #: 4-014 Type: SG-27A		4-014-SG-27A	



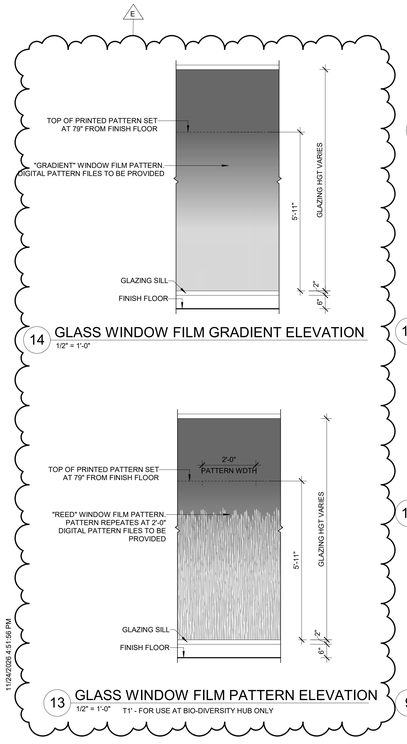
23 HM DOOR JAMB @ CMU PARTITIONS
3" = 1'-0"



22 HM DOOR HEAD @ CMU PARTITIONS
3" = 1'-0"

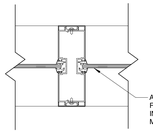


12 ALUM FRAME DOOR HEAD/JAMB W/ TRANSOM/SIDELITE .
3" = 1'-0"

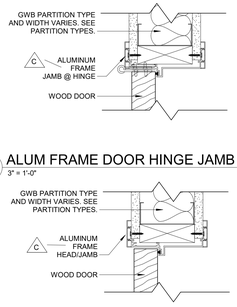


14 GLASS WINDOW FILM GRADIENT ELEVATION
1/2" = 1'-0"

13 GLASS WINDOW FILM PATTERN ELEVATION
1/2" = 1'-0" T1' - FOR USE AT BIO-DIVERSITY HUB ONLY

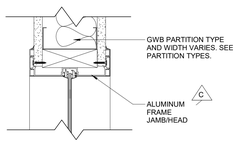


24 ALUMINUM FRAME VERTICAL MULLION
3" = 1'-0"

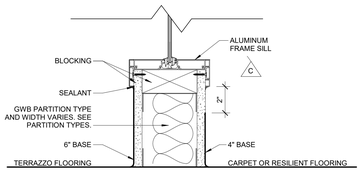


11 ALUM FRAME DOOR HINGE JAMB .
3" = 1'-0"

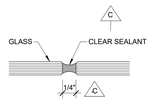
10 ALUM FRAME DOOR JAMB AND HEAD .
3" = 1'-0"



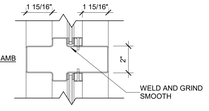
9 ALUMINUM FRAME JAMB AND HEAD .
3" = 1'-0"



8 ALUMINUM FRAME SIILL DETAIL .
3" = 1'-0"

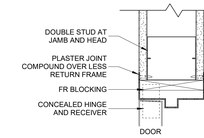


7 BUTT JOINT GLAZING DETAIL .
12" = 1'-0"

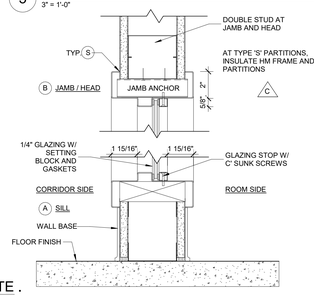


6 INTERMEDIATE MULLION .
3" = 1'-0"

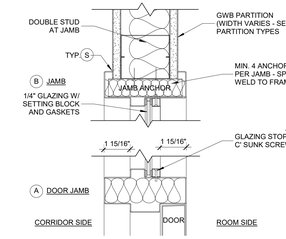
- 21 NOT USED
- 20 NOT USED
- 19 NOT USED
- 18 NOT USED
- 17 NOT USED
- 16 NOT USED
- 15 NOT USED
- 14 NOT USED



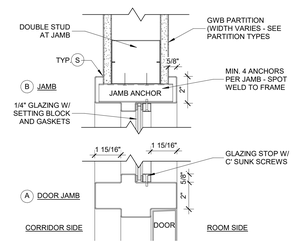
5 JAMB DETAIL AT LESS RETURN FRAME .
3" = 1'-0"



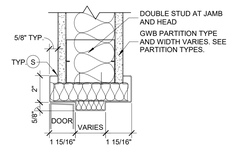
4 HEAD AND SILL DETAIL AT HM LITE .
3" = 1'-0"



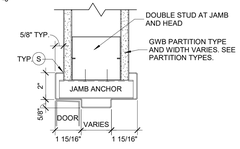
3A "S" PARTITION DOOR FRAME W/ SIDEDLITE .
3" = 1'-0"



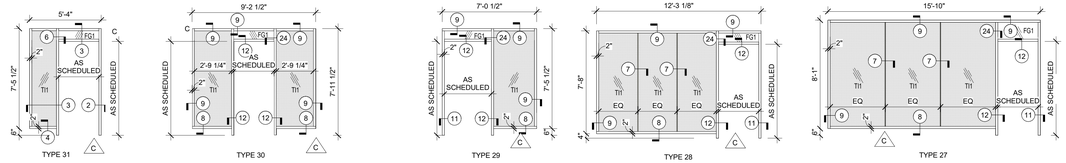
3 DOOR FRAME W/ SIDEDLITE/TRANSOM .
3" = 1'-0"

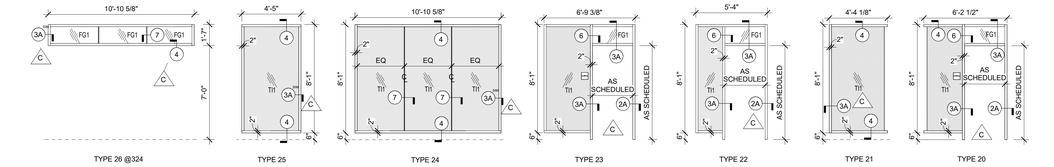


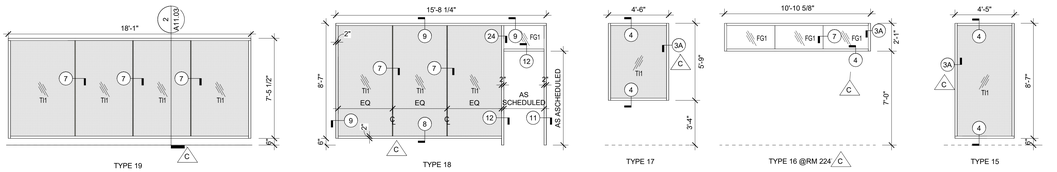
2A "S" PARTITION HM DOOR FRAME JAMB AND HEAD .
3" = 1'-0"

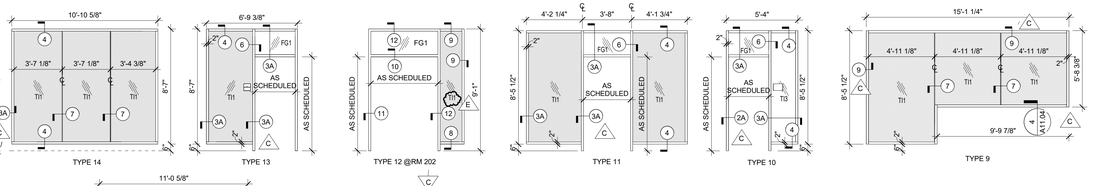


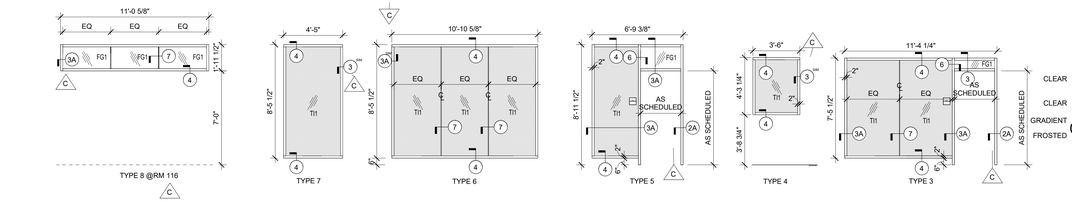
2 HM DOOR FRAME JAMB AND HEAD .
3" = 1'-0"

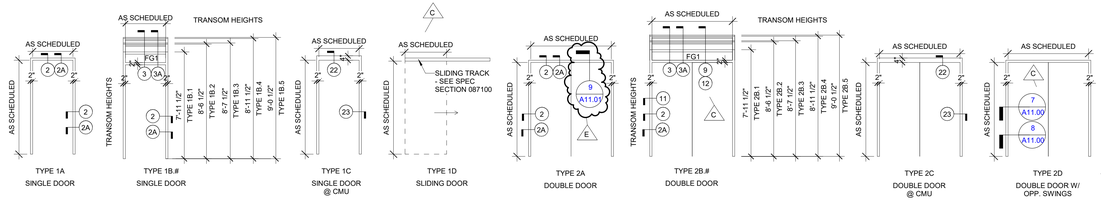




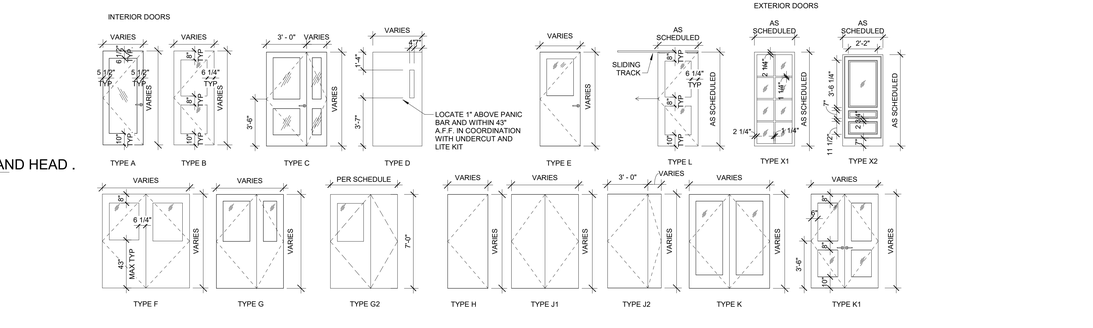








B FRAME TYPES - PHASE 2
1/4" = 1'-0"



DOOR TYPES - PHASE 2
1/4" = 1'-0"

RENOVATE PLANT SCIENCE BUILDING - PHASE 2
SUCF Project No. 161026-00
236 Tower Road
Ithaca, NY 14853

Cornell CALS College of Agriculture and Life Sciences
SUNY State University Construction Fund

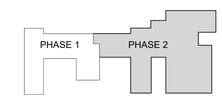
Ellenzweig Architecture | Planning	230 Congress Street Boston, MA 02110 T 617 491-5575
Ryan Biggs Clark Davis Structural Engineers	257 Ushers Road Clifton Park, NY 12065 T 518 406-5506
Salas O'Brien Consulting & Engineering Group of NY, Inc. Mechanical Engineers	300 Trolley Blvd. Rochester, NY 14606 T 585 288-5590
Jade Stone Engineering Electrical Engineers	444 Vanduzee St. Watertown, NY 13601 T 315 836 4062
Watson Engineering Plumbing	4500 State Route 434 Apalachin, NY 13732 T 607 223-4334
DM Engineers Fire Protection Engineers	1007 Yonkers Ave Yonkers, NY 10704 T 929 333-2339
Bell & Spina Building Envelope	215 Wyoming Street S Syracuse, NY 13204 T 315 488-0377
Environ. Design & Research Historic Preservation, Landscape, Civil Engineering	217 Montgomery St, Suite 1000 Syracuse, NY 13202 T 315 471-0688
Schuler Shook Lighting Design	240 W 40th Street, 2nd Floor New York, NY 10018 T 212 439-5650
D2D Green Design Sustainability PH2	10 Hallenbeck Hill East Greenbush, NY 12061 T 518 729-2967
Shen Milsom & Wilke Acoustics, IT, AV, Security	417 Fifth Avenue New York, NY 10016 T 212 725-6800
Watts Architects & Engineers Asbestos, Haz Mat	95 Perry Street, Suite 300 Buffalo, NY 14203 T 716 206-5122
Hastings Consulting Building Code	142 Hanlon Rd Holliston, MA 01746 T 508 397-8417
Ellana Cost Consulting	32 Broadway, Suite 801 New York, NY 10004 T 212971-0936

Notes:

1. SEE A8 AND A10 SERIES FOR INTERIOR GLAZING TYPES.

INTERIOR GLAZING TYPES

CLEAR **CG1:** 1/4" CLEAR TEMPERED SAFETY GLASS (GROUND FL EAST-WEST CORRIDOR LABS)
CLEAR **FG1:** 1/4" CLEAR FLOAT GLASS (TRANSOMS)
GRADIENT **TI1:** 1/4" CLEAR LAMINATED GRADIENT INTERLAYER (LAB ENTRY)
FROSTED **TI2:** 3/8" CLEAR LAMINATED TRANSLUCENT INTERLAYER (OFFICE)
TI3: 1/4" CLEAR LAMINATED - CLEAR INTERLAYER
FR: FIRE-RATED GLAZING (RATED DOOR)
M: 1/4" TEMPERED FRAMELESS MIRROR GLAZING (TOILET RMS)



Keyplan

Job Number	31909.00
Drawing By	BF
Checked By	AT
Filename	
Date	August 31, 2026

Revisions

C	ADDENDUM 4	11/12/2026
E	ADDENDUM 7	11/24/2026

DOOR & FRAME ELEVATIONS AND DETAILS - PHASE 2

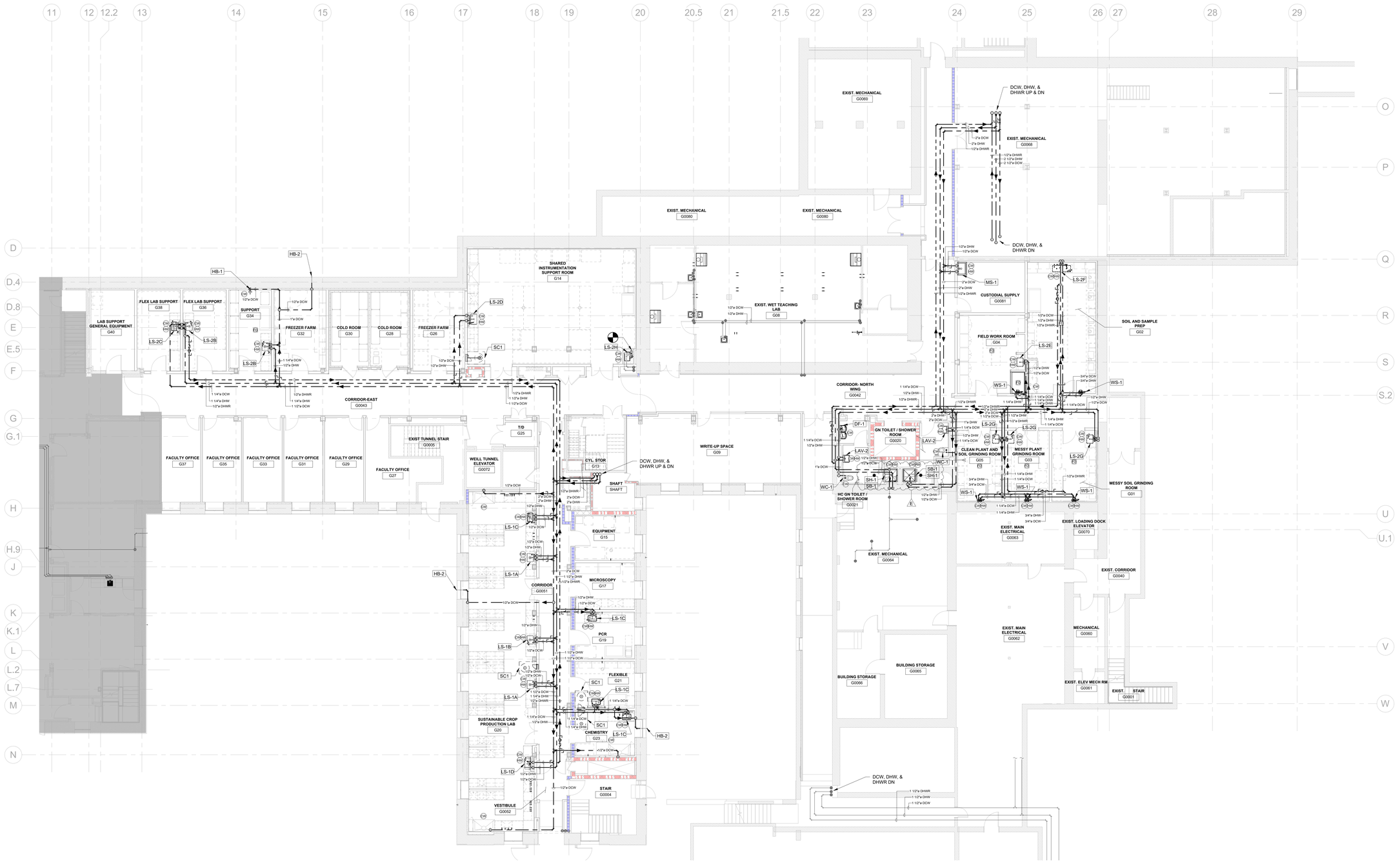
BID DOCUMENTS
Scale: As indicated

REGISTERED ARCHITECT — ANDREW VINCENT RUGGIERO — 032991 — STATE OF NEW YORK

A9.10

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Autodesk Docs://31909 SUCF Cornell Plant Sciences/31909_Cornell PSB_Arch_R23.rvt
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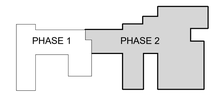
1 PLUMBING GROUND FLOOR PLAN - PART A (PHASE 2)
1/8" = 1'-0"

RENOVATE PLANT SCIENCE BUILDING - PHASE 2
SUCF Project No. 161026-00
236 Tower Road
Ithaca, NY 14853

Cornell CALS College of Agriculture and Life Sciences
SUNY State University Construction Fund

Ellenzweig Architecture | Planning	230 Congress Street Boston, MA 02110 T 617 491-5575
Ryan Biggs Clark Davis Structural Engineers	257 Ushers Road Clifton Park, NY 12065 T 518 406-5506
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Hastings Consulting Building Code	142 Hanlon Rd Holliston, MA 01746 T 508 397-8417
Ellana Cost Consulting	32 Broadway, Suite 801 New York, NY 10004 T 212971-0936

Notes:



Keyplan

Job Number 161026-00 / 31909
Drawing By SRB
Checked By JWE
Filename
Date August 31, 2026

Revisions

E	ADDENDUM 7	11-24-2026

PLUMBING GROUND FLOOR DOMESTIC WATER PLAN - PHASE 2

BID DOCUMENTS
Scale: 1/8" = 1'-0"

P1.0

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Autodesk Docs://31909 SUCF Cornell Plant Science/31909_Cornell_PSB_PLUMB_R23.rvt
11/24/2026 12:45:20 PM

PLUMBING EQUIPMENT COORDINATION SCHEDULE

GENERAL				DOCUMENT COORDINATION					ELECTRICAL COORDINATION		MECHANICAL / FIRE PROTECTION COORDINATION		NOTES
EQUIP TAG	LOCATION	DESCRIPTION	BASIS OF DESIGN MAKE/MODEL	PLUMBING DETAIL SHEET	SCHEDULE SHEET	PLUMBING DRAWING REFERENCE	SPECIFICATION SECTION	DATA SHEET (YES/NO)	REQUIRED (YES/NO)	ELECTRIC REQ (VOLT/PHASE/HZ)	MECHANICAL OR FIRE PROTECTION SYSTEM INTERFACE/CONNECTION	BAS CONNECTION (YES/NO)	
ESP-2	ELEVATOR SUMP	ELEVATOR SUMP PUMP	ZOELLER M95	P5.1	P6.1	P1.UA	221429 - SUMP PUMPS	YES	YES	120/1/60	NA	NO	
WC-	VARIOUS-SEE DRAWINGS	WATER CLOSETS	AMERICAN STANDARD 3351.101 (B)	-	P6.1	VARIOUS-SEE DRAWINGS	224213.13 - COMMERCIAL WATER CLOSETS	YES	YES	LOW VOLT	NA	NO	
LAV-	VARIOUS-SEE DRAWINGS	LAVATORIES	KOHLER	-	P6.1	VARIOUS-SEE DRAWINGS	224216.13 - COMMERCIAL LAVATORIES	YES	NO	NA	NA	NO	
-	VARIOUS-SEE DRAWINGS	LAVATORY FAUCET	AMERICAN STANDARD 775B.103	-	P6.1	VARIOUS-SEE DRAWINGS	224216.13 - COMMERCIAL LAVATORIES	YES	YES	LOW VOLT	NA	NO	
S-	VARIOUS-SEE DRAWINGS	SINKS	ELKAY	-	P6.1	VARIOUS-SEE DRAWINGS	224216.16 - COMMERCIAL SINKS	YES	NO	NA	NA	NO	
-	VARIOUS-SEE DRAWINGS	SINK FAUCETS	GROHE 3134900E	-	-	VARIOUS-SEE DRAWINGS	224216.16 - COMMERCIAL SINKS	YES	NO	NA	NA	NO	
LS-	VARIOUS-SEE DRAWINGS	LAB SINKS	LAB ACCESSORY SCHEDULE	A10 SERIES	P6.1	VARIOUS-SEE DRAWINGS	224216.16 - COMMERCIAL SINKS	YES	NO	NA	NA	NO	
-	VARIOUS-SEE DRAWINGS	LAB SINK FAUCET	LAB ACCESSORY SCHEDULE	A10 SERIES	-	VARIOUS-SEE DRAWINGS	224216.16 - COMMERCIAL SINKS	YES	NO	NA	NA	NO	
MS-	VARIOUS-SEE DRAWINGS	JANITOR SINKS	MUSTEE 65M	-	P6.1	VARIOUS-SEE DRAWINGS	224216.16 - COMMERCIAL SINKS	YES	NO	NA	NA	NO	
-	VARIOUS-SEE DRAWINGS	JANITOR SINK FAUCET	MUSTEE 63.600A	-	-	VARIOUS-SEE DRAWINGS	224216.16 - COMMERCIAL SINKS	YES	NO	NA	NA	NO	
DF-	VARIOUS-SEE DRAWINGS	DRINKING FOUNTAINS	ELKAY LZS8WSLP	-	P6.1	VARIOUS-SEE DRAWINGS	224713 - DRINKING FOUNTAINS	YES	YES	120/1/60 - RCPT	NA	NO	
SC1	VARIOUS-SEE DRAWINGS	EMERGENCY SHOWER	LAB ACCESSORY SCHEDULE	-	P6.1	VARIOUS-SEE DRAWINGS	224500 - EMERGENCY PLUMBING FIXTURES	YES	NO	NA	NA	NO	
SH-1	VARIOUS-SEE DRAWINGS	SHOWER	MOEN 8342	-	P6.1	VARIOUS-SEE DRAWINGS	224223 - COMMERCIAL SHOWERS	YES	NO	NA	NA	NO	
FD	VARIOUS-SEE DRAWINGS	FLOOR DRAINS	SMITH D2050	P5.1	P6.1	VARIOUS-SEE DRAWINGS	221319.13 - SANITARY DRAINS	YES	NO	NA	NA	NO	
FS	VARIOUS-SEE DRAWINGS	FLOOR SINKS	SMITH 320-Y04	-	P6.1	VARIOUS-SEE DRAWINGS	221319.13 - SANITARY DRAINS	YES	NO	NA	NA	NO	
RD-1	ROOF	ROOF DRAINS	SMITH 1015-08	P5.1	-	P2.4 AND P2.5	221423 - STORM DRAINAGE PIPING SPECIALTIES	YES	NO	NA	NA	NO	
RD-2	ROOF	ROOF DRAIN WITH OVERFLOW	SMITH 1800T-E	-	-	P2.4 AND P2.5	221423 - STORM DRAINAGE PIPING SPECIALTIES	YES	NO	NA	NA	NO	

(B)

ELEVATOR SUMP PUMP SCHEDULE - PHASE 2

TAG	LOCATION	TYPE	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	FLOW	HEAD	V/PH/HZ
ESP-2	ELEVATOR SUMP PIT	ELEVATOR SUMP PUMP	ZOELLER	M95	50 GPM	10 ftH2O	120/1/60

SOLIDS SEPARATOR SCHEDULE

TAG	MANUFACTURER	MODEL	CONSTRUCTION	FLOW RATE	MAX CAPACITY	DIAMETER	TANK HEIGHT	INLET/OUTLET SIZE
SS-01	TRAPZILLA	TSS-27-SSA	POLYETHYLENE	35 GPM	27.0 gal	1' - 7"	2' - 11"	3"
ST-01	JAY R SMITH	8872Y02	STEEL	10 GPM	7.5 gal		1' - 1 1/4"	2"

(B)

PLUMBING FIXTURE SCHEDULE - PHASE 2

TAG	MAKE/MODEL	DESCRIPTION
DF-1	ELKAY LZSTL8WSLP	DRINKING FOUNTAIN, BOTTLE FILLING STATION, BI-LEVEL ADA WALL MOUNT COOLER, PUSH BAR CONTROL
FD-1	SMITH D2050	FLOOR DRAIN
FS-1	SMITH 320-Y04	FLOOR SINK
HB-1	ZURN Z13441XL	COMMERCIAL HOSE BIB
HB-2	JAY R SMITH 5609QT	1/4 TURN NON-FREEZE WALL HYDRANT W/ INTEGRAL VACUUM BREAKER
LAV-2	KOHLER K-2084	LAVATORY, WALL MOUNTED VITREOUS CHINA, APPROX. 20 BY 18 WITH SINGLE HOLE PUNCHING. AUTOMATIC OPERATED SENSOR FAUCET. FAUCET BOD: AMERICAN STANDARD NEXTGEN SELECTRONIC
LS-1A	SEE 123555A - LAB ACCESSORY SCHEDULE	SEE 123555A - LAB ACCESSORY SCHEDULE
LS-1B	SEE 123555A - LAB ACCESSORY SCHEDULE	SEE 123555A - LAB ACCESSORY SCHEDULE
LS-1C	SEE 123555A - LAB ACCESSORY SCHEDULE	SEE 123555A - LAB ACCESSORY SCHEDULE
LS-1D	SEE 123555A - LAB ACCESSORY SCHEDULE	SEE 123555A - LAB ACCESSORY SCHEDULE
LS-2B	SEE 123555A - LAB ACCESSORY SCHEDULE	SEE 123555A - LAB ACCESSORY SCHEDULE
LS-2C	SEE 123555A - LAB ACCESSORY SCHEDULE	SEE 123555A - LAB ACCESSORY SCHEDULE
LS-2D	SEE 123555A - LAB ACCESSORY SCHEDULE	SEE 123555A - LAB ACCESSORY SCHEDULE
LS-2E	SEE 123555A - LAB ACCESSORY SCHEDULE	SEE 123555A - LAB ACCESSORY SCHEDULE
LS-2F	SEE 123555A - LAB ACCESSORY SCHEDULE	SEE 123555A - LAB ACCESSORY SCHEDULE
LS-2G	SEE 123555A - LAB ACCESSORY SCHEDULE	SEE 123555A - LAB ACCESSORY SCHEDULE
LS-2H	SEE 123555A - LAB ACCESSORY SCHEDULE	SEE 123555A - LAB ACCESSORY SCHEDULE
MS-1	PROFLO PFMB3624S	MOP SINK, FIBERGLASS, SINGLE BOWL, APPROXIMATELY 24 INCHES BY 36 INCHES BY 10 INCHES DEEP.
S-1	ELKAY ELUHAD121255PD	SINK, CRS, SINGLE COMPARTMENT, COUNTER TOP MOUNTED, APPROX. 14.5 INCHES BY 14.5 INCHES WITH SINGLE COMPARTMENT INSIDE DIMENSIONS APPROX. 12 INCHES BY 12 INCHES BY 5 1/2 INCHES DEEP. SHALL BE MINIMUM OF 18 GAUGE CRS. FAUCET BOD: GROHE 32665 CONCETTO SINGLE HANDLE PULLDOWN DUAL SPRAY 1.75 GPM WITH OPTIONAL QUICK COUPLING TO REDUCE FLOW TO 1.0 GPM
S-2	ELKAY ELUHAD1212555PD	SINK, CRS, SINGLE COMPARTMENT, UNDER-COUNTER MOUNTED, APPROX. 15 INCHES BY 15 INCHES WITH SINGLE COMPARTMENT INSIDE DIMENSIONS APPROX. 14 INCHES BY 14 INCHES BY 5 1/2 INCHES DEEP. SHALL BE MINIMUM OF 18 GAUGE CRS. FAUCET BOD: GROHE 32665 CONCETTO SINGLE HANDLE PULLDOWN DUAL SPRAY 1.75 GPM WITH OPTIONAL QUICK COUPLING TO REDUCE FLOW TO 1.0 GPM
SB-1	ACORN ENGINEERING SBADA-36-3F	SHOWER BASE WITH INTEGRAL THRESHOLD
SB-2	ACORN ENGINEERING SBR-6036-3F	SHOWER BASE WITH INTEGRAL THRESHOLD
SC1	SEE 123555A - LAB ACCESSORY SCHEDULE	RECESSED SAFETY CENTER, ES W/ EXPOSED SHOWER HEAD. INTEGRATED FIRE EXTINGUISHER CABINET AND AUDIO/VISUAL ALARM. (B)
SH-1	MOEN 8342	SHOWER BATH FIXTURE (DETACHABLE, WALL MOUNTED, CONCEALED SUPPLIES, TYPE T/P COMBINATION VALVE) (E)
WC-1	AMERICAN STANDARD 3351.101	WATER CLOSET, WALL MOUNTED, TOP SPUD, VITEROUS CHINA, ELONGATED BOWL, HARDWIRE SENSOR OPERATED FLUSH VALVE 1.1 GPF, BACK OUTLET
WS-1	T&S BRASS MV-0771-12CW	WASHDOWN STATION

FAN COIL CONDENSATE PUMP

TAG	LOCATION	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	FLOW (GPH @ 5FT HEAD)	V/PH/HZ	COMMENTS
CP-1	SEE M-SERIES	BECKETT	CL201ULP	110 GPH	120/1/60	PLENUM RATED

11/24/2026 12:45:21 PM

Autodesk Docs://31909 SUCF Cornell Plant Sciences/31909_Cornell_PSB_PLUMB_R23.rvt

RENOVATE PLANT SCIENCE BUILDING - PHASE 2

SUCF Project No. 161026-00

236 Tower Road
Ithaca, NY 14853

Cornell CALS College of Agriculture and Life Sciences

SUNY State University Construction Fund

Ellenzweig Architecture | Planning — 230 Congress Street, Boston, MA 02110, T 617 491-5575

Ryan Biggs Clark Davis Structural Engineers — 257 Ushers Road, Clifton Park, NY 12065, T 518 406-5506

Salas O'Brien Consulting & Engineering Group of NY, Inc. Mechanical Engineers — 300 Trolley Blvd. Rochester, NY 14606, T 585 288-5590

Jade Stone Engineering Electrical Engineers — 444 Vanduzee St. Watertown, NY 13601, T 315 836 4062

Watson Engineering Plumbing — 4500 State Route 434 Apalachin, NY 13732, T 607 223-4334

DM Engineers Fire Protection Engineers — 1007 Yonkers Ave Yonkers, NY 10704, T 929 333-2339

Bell & Spina Building Envelope — 215 Wyoming Street S Syracuse, NY 13204, T 315 488-0377

Environ. Design & Research Historic Preservation, Landscape, Civil Engineering — 217 Montgomery St, Suite 1000 Syracuse, NY 13202, T 315 471-0688

Schuler Shook Lighting Design — 240 W 40th Street, 2nd Floor New York, NY 10018, T 212 439-5650

D2D Green Design Sustainability PH2 — 10 Hallenbeck Hill East Greenbush, NY 12061 T 518 729-2967

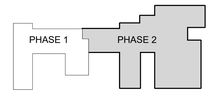
Shen Milsom & Wilke Acoustics, IT, AV, Security — 417 Fifth Avenue New York, NY 10016, T 212 725-6800

Watts Architects & Engineers Asbestos, Haz Mat — 95 Perry Street, Suite 300 Buffalo, NY 14203, T 716 206-5122

Hastings Consulting Building Code — 142 Hanlon Rd Holliston, MA 01746, T 508 397-8417

Ellana Cost Consulting — 32 Broadway, Suite 801 New York, NY 10004, T 212971-0936

Notes:



Keyplan

Job Number 161026-00 / 31909
Drawing By SRB
Checked By JWE
Filename
Date August 31, 2026

Revisions

B	ADDENDUM 3	11-4-2026
E	ADDENDUM 7	11-24-2026

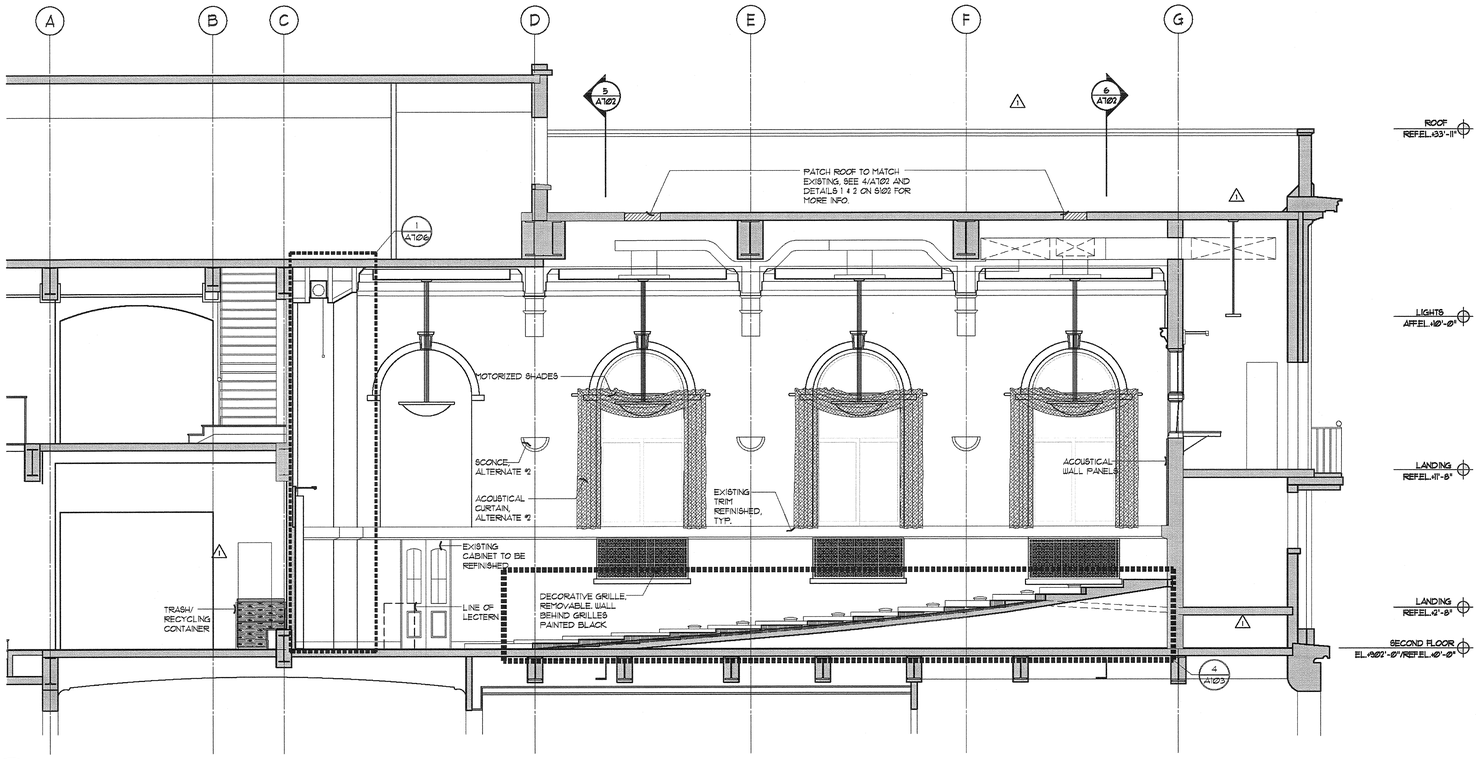
PLUMBING SCHEDULES

STATE OF NEW YORK — JOSEPH H. EVANGELISTI — LICENSED PROFESSIONAL ENGINEER — 095338

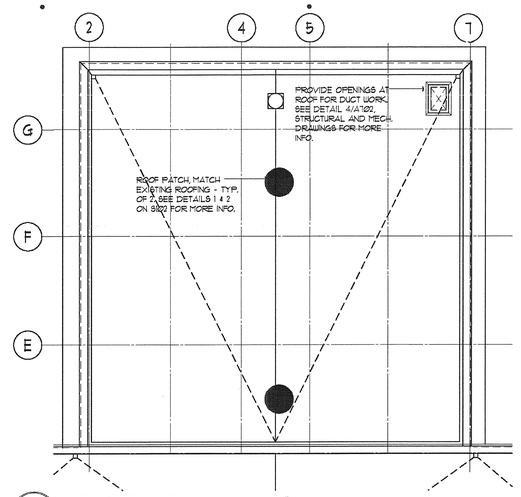
BID DOCUMENTS
Scale: 12" = 1'-0"

P6.1

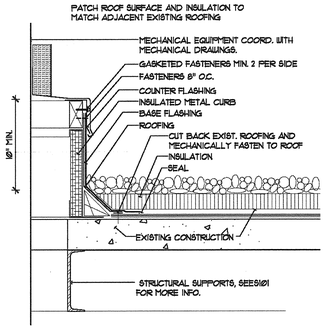
2024 Ellenzweig ©



1 A702 **Section - 233 Plant Science**
SCALE: 1/4"=1'-0"

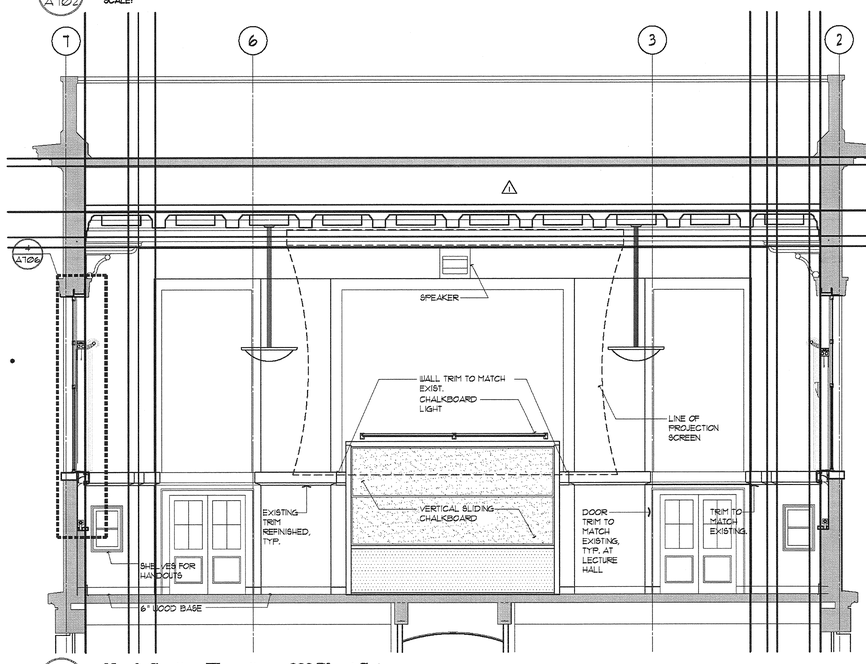


2 A702 **Partial Roof Plan - 233 Plant Science**
SCALE: 1/4"=1'-0"

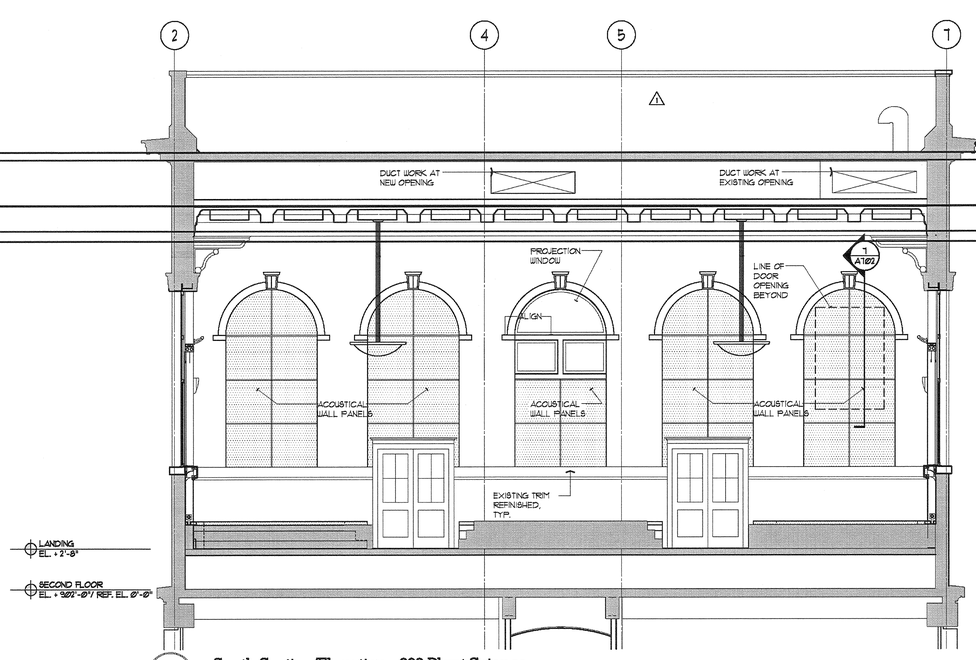


4 A702 **Roof Detail - 233 Plant Science**
SCALE: 1-1/2"=1'-0"

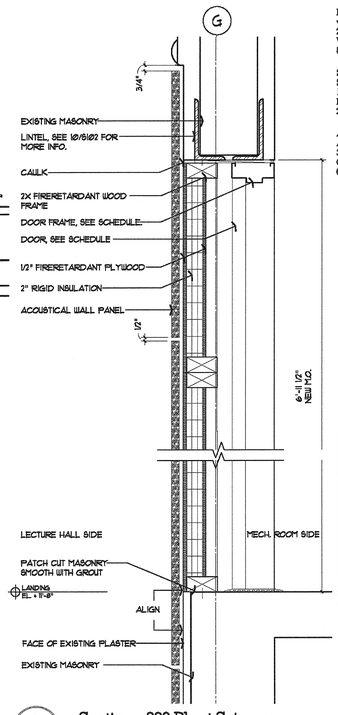
3 A702 **Not Used**
SCALE:



5 A702 **North Section/Elevation - 233 Plant Science**
SCALE: 1/4"=1'-0"



6 A702 **South Section/Elevation - 233 Plant Science**
SCALE: 1/4"=1'-0"



7 A702 **Section - 233 Plant Science**
SCALE: 1 1/2"=1'-0"

SUCF 16309

Michael C. Shatken NY 016247-1

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Suite 944
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vanZelm Engineers LLC
29 South Main Street
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Philadelphia, PA 19103
215 972 8100

A/V
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33 Moulton Street
Cambridge, MA 02138
617 499 8000

KSS ARCHITECTS LLP

146 Morrison Hall and 233 Plant Science Renovations
College of Agriculture & Life Sciences

Cornell University
Ithaca, NY 14853

Facilities Code: 1064/1022

No.	Date	Revision
1	05/09/06	Addendum #1

Project No.: 2005-20861
Issued: 04/19/06

Roof Plan, Section/Elevations & Details at 233 Plant Science

A702

177-459 28

3 1924 110 221 490