HDC13-227

City of Ann Arbor

PLANNING & DEVELOPMENT SERVICES — PLANNING SERVICES

301 E. Huron Street | P.O. Box 8647 | Ann Arbor, Michigan 48107-8647
p. 734.794.6265 | f. 734.994.8312 | planning@a2gov.org

ANN ARBOR HISTORIC DISTRICT COMMISSION APPLICATION

Section 1: Property Being Reviewed and Ownership Information

Address of Property: 304 S. MAIN.

Historic District: MAIN STREET

Name of Property Owner *(If different than the applicant):*

Address of Property Owner: _____

Daytime Phone and E-mail of Property Owner: _____

Signature of Property Owner: _____ *Date:* _____

Section 2: Applicant Information

Name of Applicant: MITCHELL AND MOUAT ARCHITECTS, INC.

Address of Applicant: 113 S. FOURTH AVE.

Daytime Phone: (734) 665-6070 Fax: (734) 662-3802

E-mail: RMITCHELL@MITCHELLANDMOUAT.COM.

Applicant's Relationship to Property: ____owner __X__architect ____contactor ____other

Signature of applicant: _____ *Date:* _____

Section 3: Building Use (check all that apply)

_____ Residential _____ Single Family _____ Multiple Family _____ Rental

__X__ Commercial _____ Institutional

Section 4: Stille-DeRossett-Hale Single State Construction Code Act
(This item **MUST BE INITIALED** for your application to be **PROCESSED**)

Public Act 169, Michigan's Local Historic Districts Act, was amended April 2004 to include the following language: "*...the applicant has certified in the application that the property where the work will be undertaken has, or will have before the proposed completion date, a a fire alarm or smoke alarm complying with the requirements of the Stille-DeRossett-Hale Single State Construction Code Act, 1972 PA 230, MCL 125.1501 to 125.1531.*"

Please initial here: RM.

Section 5: Description of Proposed Changes (attach additional sheets as necessary)

1. Provide a brief summary of proposed changes.

SEE ATTACHED

2. Provide a description of existing conditions.

SEE ATTACHED

3. What are the reasons for the proposed changes?

SEE ATTACHED

4. Attach any additional information that will further explain or clarify the proposal, and indicate these attachments here.

SEE ATTACHED.

5. Attach photographs of the existing property, including at least one general photo and detailed photos of proposed work area.

STAFF USE ONLY

Date Submitted: 12/20/13

Application to ____ Staff or ✓ HDC

Project No.: HDC 13-227

Fee Paid:

Pre-filing Staff Reviewer & Date: EA

Date of Public Hearing:

Application Filing Date:

Action: ____ HDC COA ____ HDC Denial

Staff signature:

____ HDC NTP ____ Staff COA

Comments:

1. Provide a brief summary of proposed changes.

The storefront at 304 S. Main will remain retail, transitioning form a jewelry store to clothing. The following changes are proposed:

a) Window size: The window openings are proposed to be enlarged to allow for retail display.
b) Entry geometry: The recessed entrance will be reconfigured as an angled approach, similar to the original geometry (see photo of original entry floor framing), and allowing for ADA compliant door clearances.
c) Signage: The existing pin-mounted stainless or aluminum store signage will be removed to be replaced by similar pin-mounted stainless or aluminum store signage. A new blade sign will also be introduced.
d) Lighting: The store signage will be illuminated by projecting surface mounted light fixtures.
e) Spandrel panels: The existing spandrel panels (composite panels with a back-painted (black) glass outer layer) will be replaced with new matching panels as required.
f) There is an existing terrazzo floor in the exterior entry alcove, which is proposed to be removed to accommodate access and the proposed geometry of the recessed entry.

2. Provide a description of existing conditions.

The existing storefront consists of glass spandrel panels (back-painted black) that frame horizontal display windows arranged with a short aperture (an unusually high sill and low head) consistent with jewelry display windows. The window frames are aluminum, as is the entry door.

Above the window heads is a signage panel that comprises approximately 50% of the storefront height. This area features pin-mounted aluminum store signage "Seyfried Jewelers."

The recessed entry features 90 degree corners, stepping back to an eventual depth of almost 10 feet. The entry recess has a plaster ceiling approximately 8'-6" high with a single recessed can light fixture and alarm. The recess has a terrazzo floor.

3. What are the reasons for the proposed changes?

a) ***Change in window size:***

The existing windows are designed to draw the window shopper close to the glass for the purpose of viewing tiny objects – a common feature of jewelry display. The result works for jewelry display but is much less effective for larger scale merchandise. Therefore, it is proposed to return the window sill and head heights to the realm of their original size.

b) Change in entry geometry:

On- site research reveals floor framing under the entry in an angled, rather than 90 degree, arrangement. In addition, historic photographs of earlier versions of the storefront confirm the angled recessed entry.

The current geometry was designed for the unique nature of jewelry display, providing for lockable small rooms behind the storefront glass for the purposes of security and control of illumination. the light of the merchandise. The approximate 6' wide and 10' deep alcoves that now exist on either side of the recessed entry door are not conducive to effective display non-jewelry merchandise and consume over 25% of the sales floor area.

Other retailers prefer a clear view into the retail floor that allows the store itself to act as the backdrop to the window display. This is an approach that is also recommended by the City of Ann Arbor Design Guidelines that seek visual interaction between the sidewalk and store interiors.

In addition, the current geometry does not allow for the clearance required for an ADA compliant entry door.

c) Change in signage:

The store identification signage (viewed from the street) is proposed to change in name and font and will be pin-mounted aluminum or stainless steel lettering.

The store identification signage (viewed from the west sidewalk) is a circular blade sign. A similar sign was found (depicting a large pocket watch) on a 1933 Ivory Photo picture of the façade when the store was known as Schlanderer and Seyfried Jewelers.

d) Change in Lighting:

Currently the small display windows are intensely lighted, again, common practice for jewelers. There is also a single recessed can above the entry door.

The proposed pin-mounted lettering and the blade sign will both be illuminated by building mounted fixtures. Knowing the second level of this building is residential, the fixtures are mounted below the second floor window sills and directed downward on the lettering. In addition, glare on the sidewalk can be mitigated by damping the intensity of the light at the bottom of the lettering.

The entry recess will also feature a recessed can fixture.

e) Change in spandrel panels:

The existing spandrel panels are mostly punctured by the existing pin-mounted lighting or are of a geometry that does not conform with the proposed storefront. However, the panels remain available on the market and new panels will be selected to match the existing in color and reflectivity.

f) Change in terrazzo floor:

The existing terrazzo floor was designed specifically for the geometry of the existing entry recess sometime after 1942 (see Item 4, below) and is not applicable to the proposed angled entry recess.

It is proposed that the terrazzo be removed for two reasons:

1) It does not conform to the angled geometry of the proposed alcove.
2) The finish floor of the building is 2.5” - 4.0” above the sidewalk. To provide entry the current terrazzo slopes upward from the sidewalk (building line) to approximately 4’ west (inside) of the entry door.

   Sidewalk and floor elevations are commonly mis-matched in any downtown. However, resolving the problem by sloping the walking surface through and beyond the point of entry is unusual and presents various code issues (ADA compliance and trip hazards inside)

   The building department has agreed that the approximate difference in elevations be accommodated by a sloping approach (1” per lineal 12”) from the building line west to the door threshold.

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4. Attach any additional information that will further explain or clarify the proposal, and indicate these attachments here:

Several historic photographs were found in the Ivory and Sam Sturgis collections at the Bentley Historical Library. and are attached and labeled A- D. Jill Thacher also supplied an historic photograph, labeled “E”.

Photos A, B and E pre-date 1942 and photos C and D were taken some time after 1942. This is based upon an enlargement of the car in the foreground of Photo B that reveals a windshield sticker with the letter “A.” This designates a gas rationing system that was undertaken as part of the World War II effort. This system was not in place until the end of 1942. In the background of this car is the Seyfried Jewelers storefront that pre-dates the design that exists today. Therefore, the existing storefront is not within the Period of Reference (pre 1942) that is often used by the City .

Liberty Main LLC

19727 Allen Rd. Ste. 11

Brownstown, Mi. 48183

To Whom It May Concern:

This letter is to certify that I, Reza Rahmani, approve of all proposed changes made to the 304 address on S. Main St. in Ann Arbor, Michigan.

Reza Rahmani

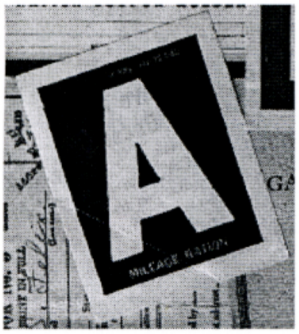
Property Owner


SEYFRIED
NO
PARKING
BUS
STOP

of material from automobile graveyards; we are tearing up abondoned railroad tracks and bridges, but unless we dig out an additional 6,000,000 tons of steel and great quantities of rubber, copper, brass, zinc and tin, our boys may not get all the fighting weapons they need in time... Even one old shovel will help make 4 hand grenades. View a copy **of the actual emergency statement.**

There were heart-tugging reminders urging participation in the war effort for those still on the home front.

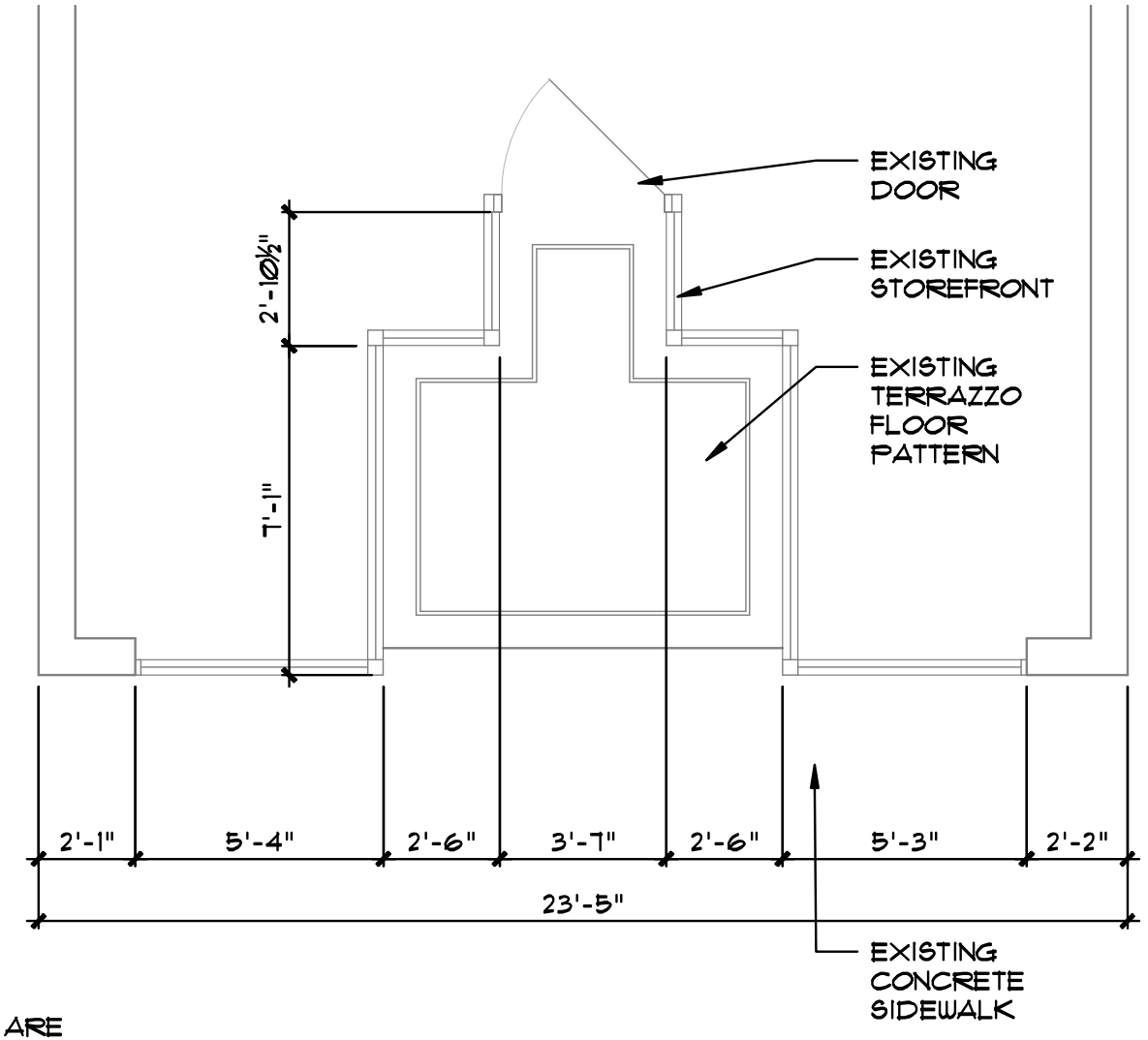
The OPA established the *Idle Tire Purchase Plan*, and could deny mileage rations to anyone owning passenger tires not in use. Voluntary gas rationing proved ineffective and by the spring of 1942 mandatory rationing was needed. To get your classification and ration stamps, you had to certify to a local board that you needed gas and owned no more than five tires.



By the end of 1942, half of U.S automobiles were issued an 'A' sticker which allowed 4 gallons of fuel per week. That sticker was issued to owners whose use of their cars was nonessential. Hand the pump jockey your Mileage Ration Book coupons and cash, and she (yes, female service station attendants because the guys were *over there*) could sell you three or four gallons a week, no more. For nearly a year, A-stickered cars were not to be driven for pleasure at all.

The green 'B' sticker was for driving deemed essential to the war effort; industrial war workers, for example, could purchase eight gallons a week. Red 'C' stickers indicated physicians, ministers, mail carriers and railroad workers. 'T' was for truckers, and the rare 'X' sticker went to members of Congress and other VIPs. Truckers supplying the population with supplies had a T sticker for unlimited amounts of fuel.

View a T Ration Card.



NOTE: ALL
DIMENSIONS ARE
APPROXIMATE

1 / A1 Existing Conditions - Entry Plan

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

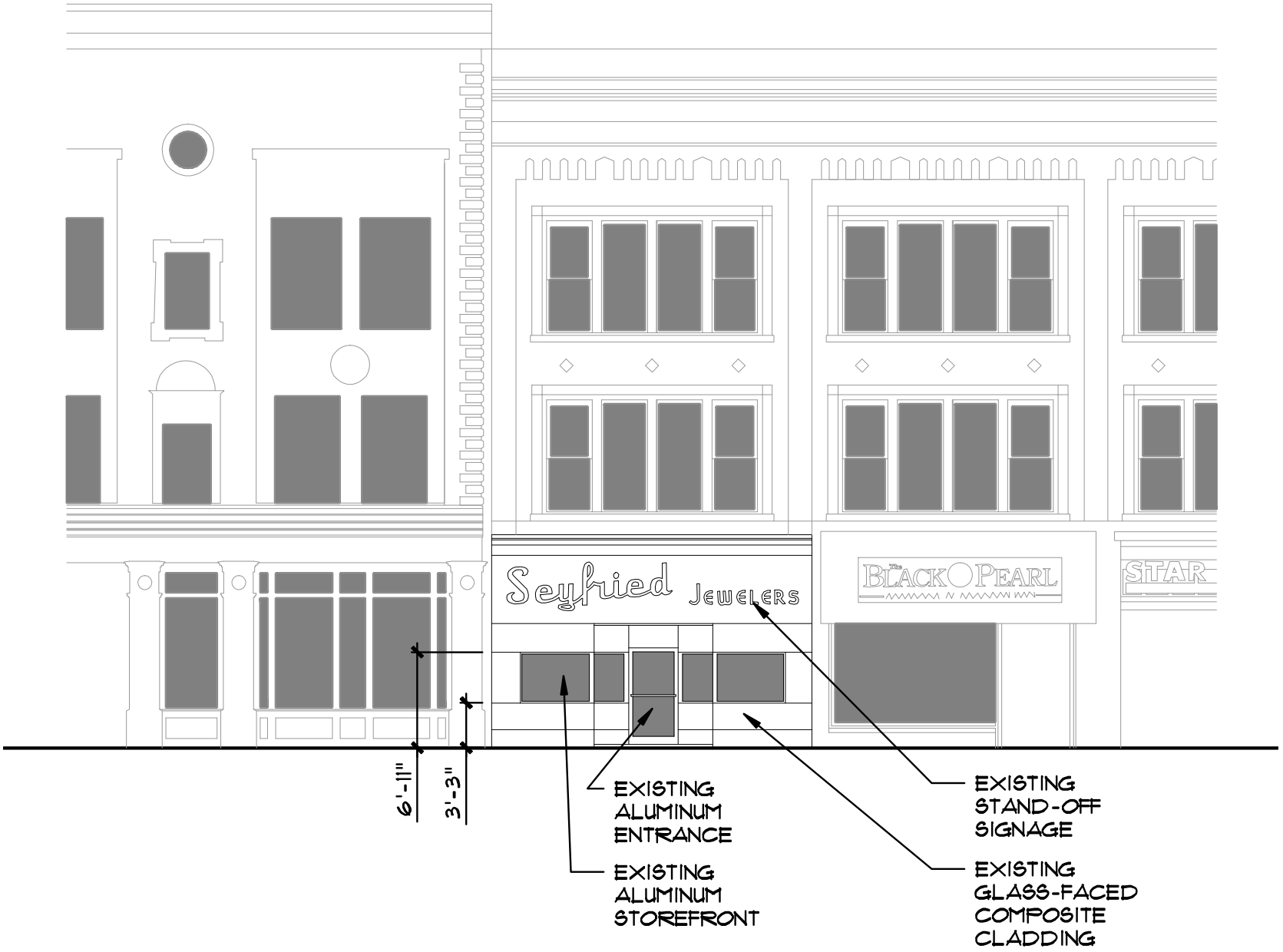
Mitchell and Mouat architects

Date: 01.10.14
Issued For: HDC Hearing

Life is Good
304 South Main Street
Ann Arbor, Michigan
Project No. 1338

Existing Conditions - Entry Plan

A1



1 / A2 Existing Conditions - Elevation

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

Mitchell and Mouat architects

Date: 01.10.14
Issued For: HDC Hearing

Life is Good
304 South Main Street
Ann Arbor, Michigan
Project No. 1338

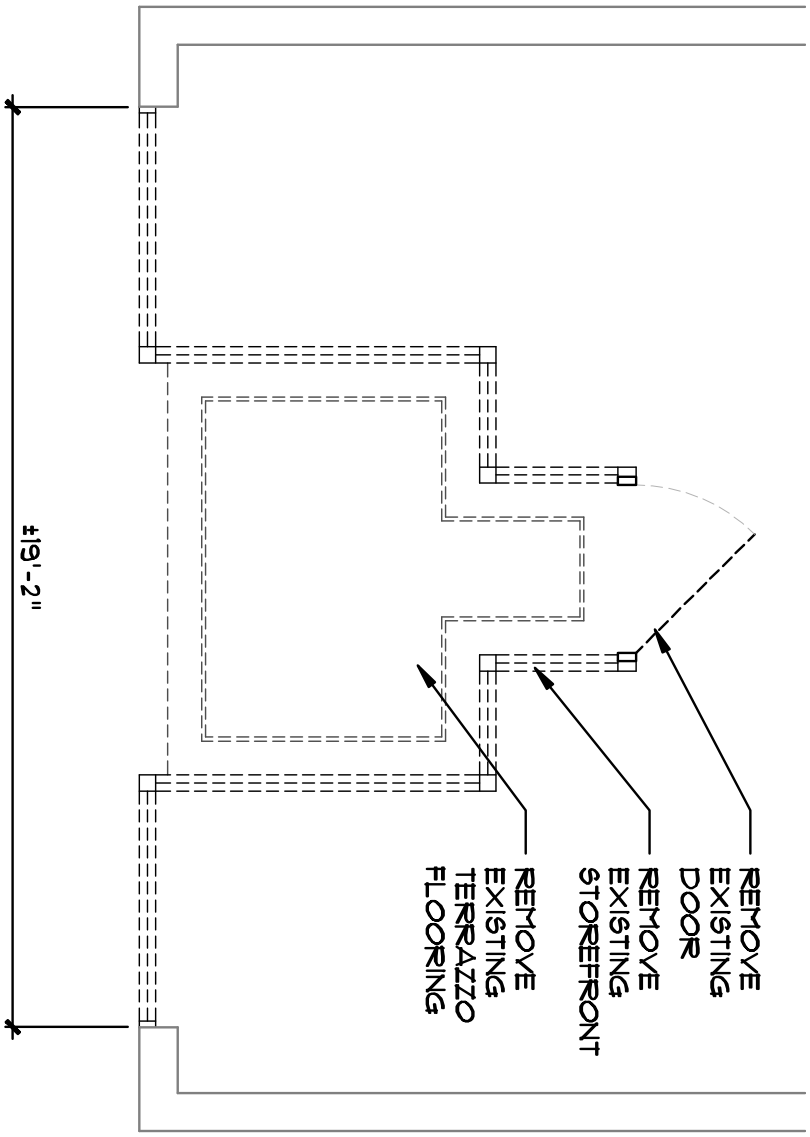
Existing Conditions - Elevation

A2

1 / A3

Demolition - Entry Plan

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



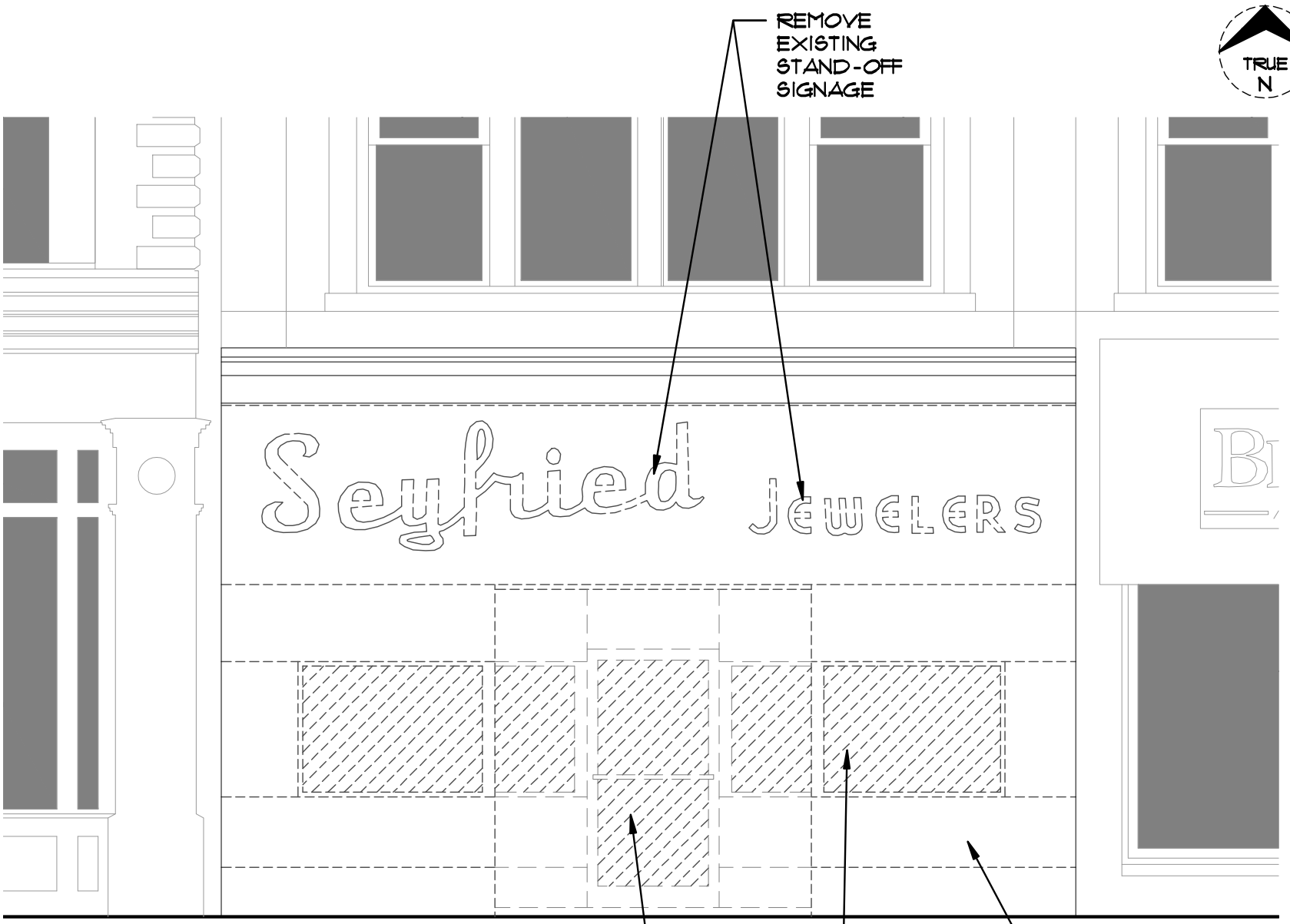
A3 **Demolition - Entry Plan**

Life is Good
304 South Main Street
Ann Arbor, Michigan

Project No. 1338

Date:	Issued For:
01.10.14	HDC Hearing

Mitchell and Mouat architects



1 / A4 Demolition - Elevation

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

Mitchell and Mouat architects

Date: 01.10.14
Issued For: HDC Hearing

Life is Good
304 South Main Street
Ann Arbor, Michigan
Project No. 1338

Demolition - Elevation

A4

NOTE: ALL DIMENSIONS ARE APPROXIMATE

1 / A5 Proposed - Entry Plan

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

Mitchell and Mouat architects

Date: 01.10.14
Issued For: HDC Hearing

Life is Good
304 South Main Street
Ann Arbor, Michigan
Project No. 1338

Proposed - Entry Plan

A5

1 / A6 Proposed - Elevation Composite

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

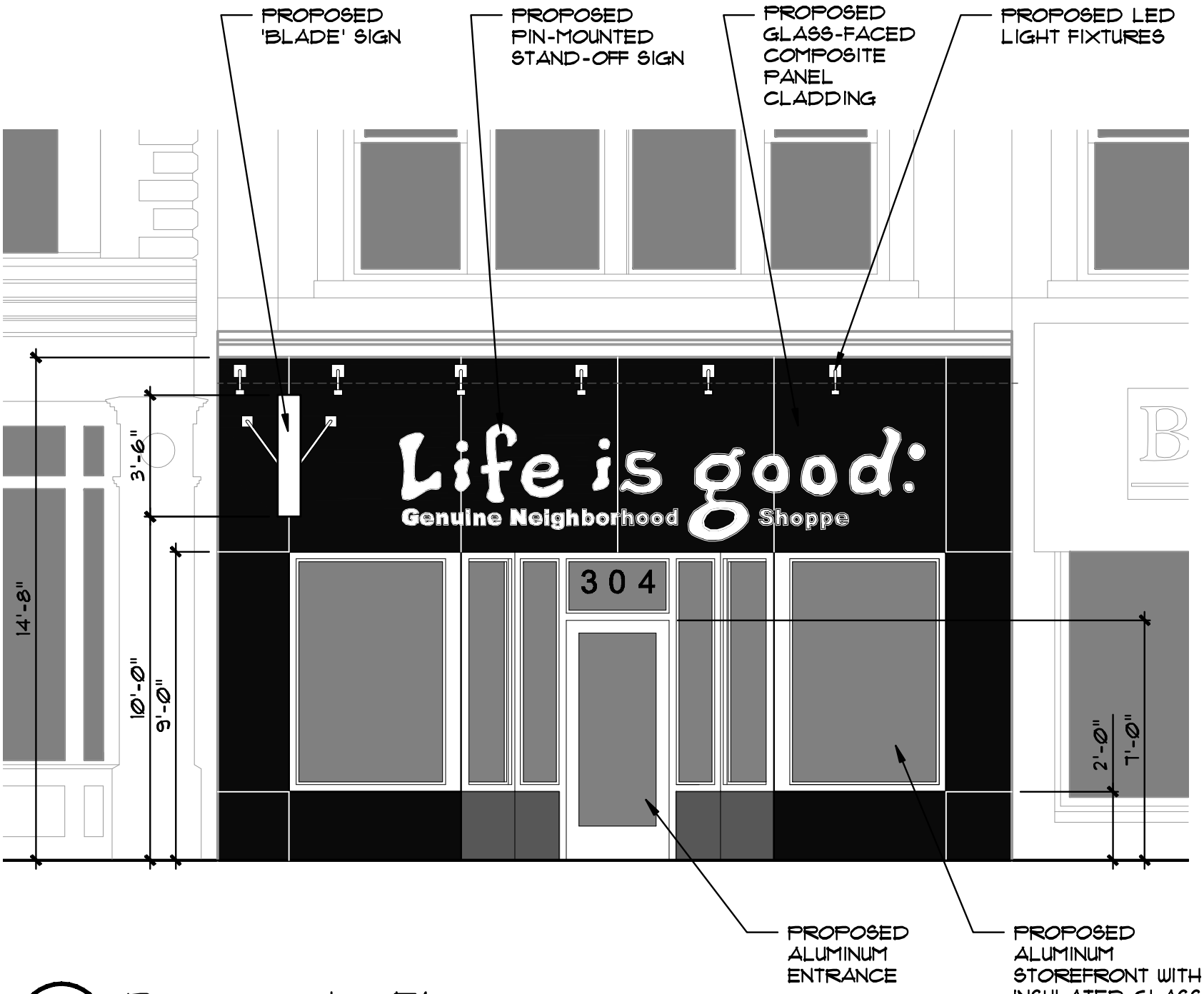
Mitchell and Mouat architects

Date:	Issued For:
01.10.14	HDC Hearing

Life is Good
304 South Main Street
Ann Arbor, Michigan
Project No. 1338

Proposed - Elevation Composite

A6



1 / A7 Proposed - Elevation

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

Mitchell and Mouat architects

Date: 01.10.14
Issued For: HDC Hearing

Life is Good
304 South Main Street
Ann Arbor, Michigan
Project No. 1338

Proposed - Elevation

A7


Seyfried
JEWELER
STORE CLOSING
SALE
WE BUY GOLD
The BLACK PEARL
SEAFOOD & MARTINI BA


Seyfried JEWELERS
STORE CLOSING
SALE
GOING OUT OF BUSINESS SALE
STORE CLOSING
OPEN
WE BUY GOLD
STORE CLOSING
GOING OUT OF BUSINESS SALE
BLACK PEARL


STORE
CLOSING
Merry Christmas
TO ALL
& TO ALL A
Good-Bye
307
Seyfried
Jewelers
WELCOME

LIG GNS EXTERIOR PIN MOUNTED STAND-OFF SIGN
LETER FINISH: BRUSHED ALUMINUM
DATE: DECEMBER 18, 2013

NOTE:
SAMPLES AND SHOP DRAWINGS TO BE PROVIDED
FOR LIFE IS GOOD APPROVAL PRIOR TO FABRICATION

1 **LIG GNS EXTERIOR SIGN**

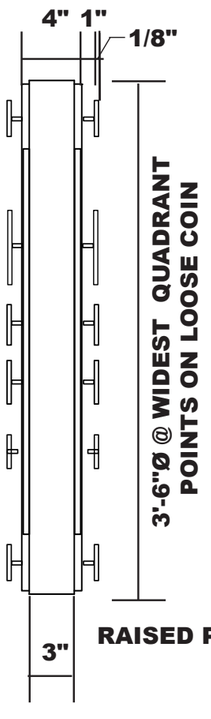
SCALE: N.T.S.

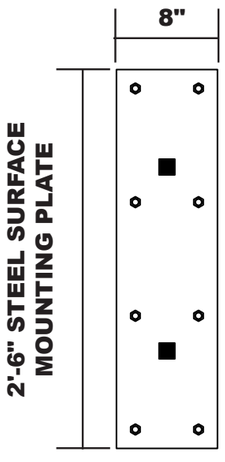
BLACK COLOR REPRESENTS STOREFRONT FINISH
USED AS BACK GROUND IN THIS IMAGE TO SEE
THE BRUSHED ALUMINUM PINNED LETTERS

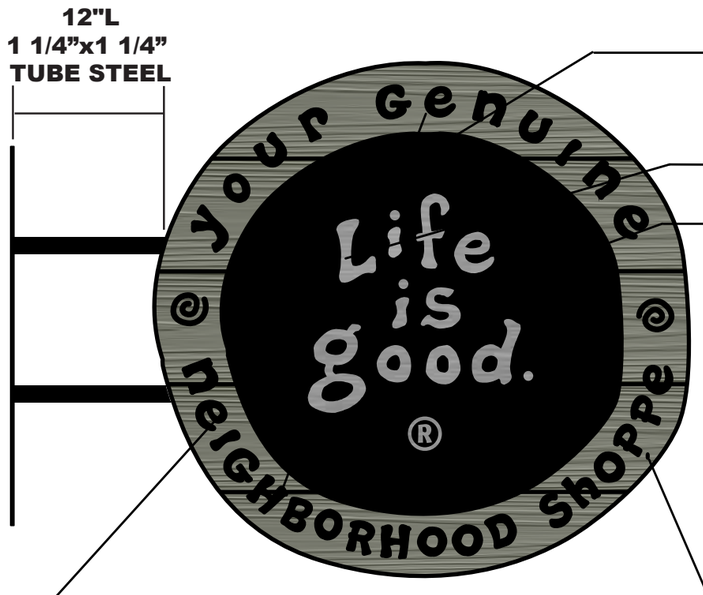
EXTERIOR ILLUMINATED BLADE SIGN
DATE: DECEMBER 19, 2013

NOTE:
SAMPLES AND SHOP DRAWINGS TO BE PROVIDED
FOR LIFE IS GOOD APPROVAL PRIOR TO FABRICATION

PROVIDE LIGHTING FOR EACH SIDE OF BLADE SIGN







RAISED PINNED LETTERING 1/4" THICK EXTERIOR ALUMINUM COMPOSITE MATERIAL
FINISH: PAINTED MP 19925 CESSNA BLACK

3'-6" DIAMETER LIG LOOSE COIN

LASER CUT FLUSH MOUNTED LOOSE RING, TYP
1/4" THICK EXTERIOR ALUMINUM COMPOSITE MATERIAL
FINISH: PAINTED MP 19925 CESSNA BLACK

RAISED PINNED LETTERINGLETTERING, TYP EXTERIOR ALUMINUM COMPOSITE MATERIAL, FINISH: BRUSHED ALUMINUM

EXTERIOR ALUMINUM COMPOSITE MATERIAL EDGE BANDING, TYP ENTIRE PERIMETER
FINISH: PAINTED MP 19925 CESSNA BLACK

FAUX RECLAIMED GRAY BOARD
HDU PAINTED AS APPROVED BY LIG
PRIMARY COLOR - MP09648 GREY MATTER
ACCENT COLOR - MP07024 TIMBERWOLF
BLACK CRACKS - CARBON BLACK

2 **LIG GNS BLADE SIGN**
FRONT & BACK ELEVATION

SCALE: N.T.S.

SPECIFICATIONS: 1800 SERIES 2" x 4 ½"

GENERAL DESCRIPTION
Work includes furnishing all necessary materials, labor and equipment for the installation of the aluminum framing system as specified herein.
NOT included: Structural support of the framing system.

PERFORMANCE REQUIREMENTS
Structural Performance-Deflection shall be tested in accordance with ASTM E330. Maximum deflection of a member shall not exceed L/175 of its span, and when the load is removed there shall be no evidence of permanent deformation or damage when tested under a load of (SPECIFY) PSF.

PRODUCTS/MATERIALS
Extrusions shall be AA-6063-T5 alloy and temper (ASTM B221 alloy G.S.10A-T5) with a nominal wall thickness of .090". Fasteners shall be aluminum; stainless steel or zinc plated steel in accordance with ASTM A 164. Glazing gaskets shall be EPDM elastomeric extrusions or vinyl with a fiberglass reinforcement cord to prevent stretching.

FABRICATION
The framing system shall provide for flush glazing on all sides with no projecting stops. Vertical and horizontal framing members shall have a nominal face dimension of 2" with an overall depth of 4 ½".

FINISHES
All exposed framing surfaces shall be free of scratches and other serious blemishes. Aluminum extrusions shall be given an acid etch, followed by an anodic oxide treatment conforming to the American Architectural Metal Association to obtain a color anodized finish AA-M12C2XA31 class II (clear anodized) or AA-M12C2XA44 class I (dark bronze anodized). Wood grain, black anodize, powder coat and Kynar finishes are available upon request.

EXECUTION
The framing system shall be installed, glazed, and adjusted by experienced workers in accordance with Ramco's installation instructions and the approved shop drawings.

CLEANING AND PROTECTION
After installation all metal surfaces shall be cleaned to remove contaminants. All work shall be protected against damage until approved by the general contractor. Thereafter, it shall be the responsibility of the general contractor to provide protection and final cleaning.

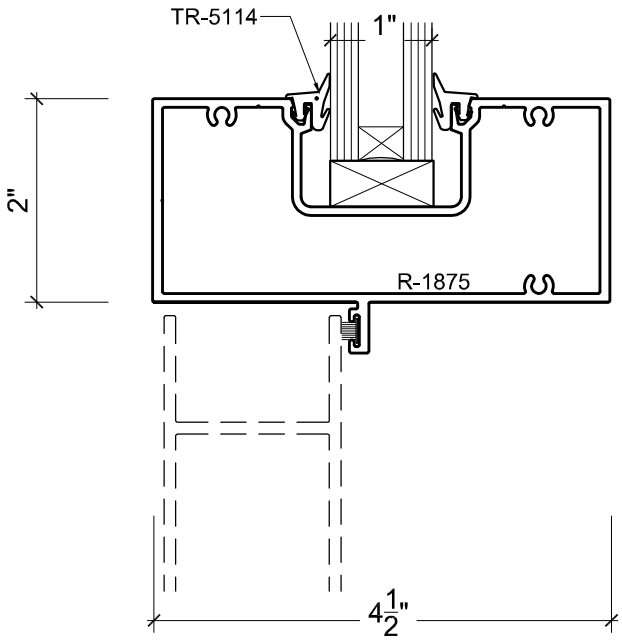
NOTE: "Always Service All Ways" is our trade mark and to keep up with today's innovations Ramco reserves the right to change specifications without written notice.

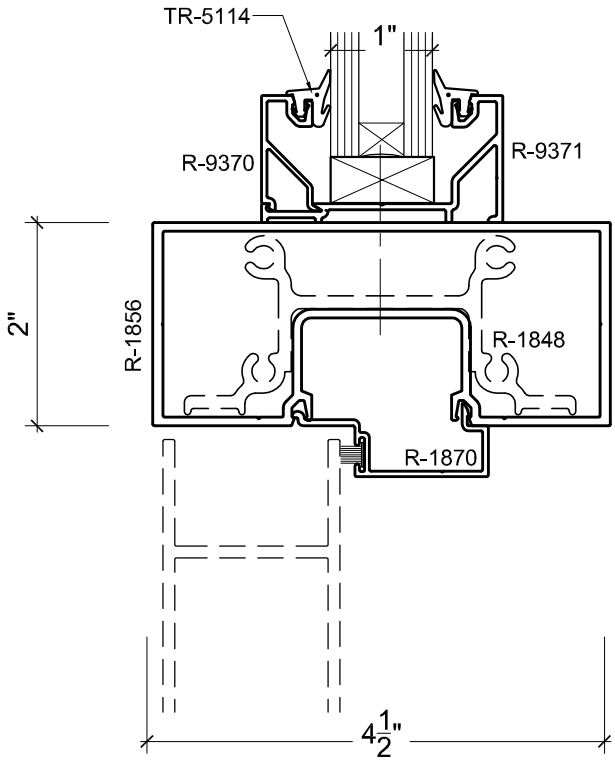
Ramco
RELIABLE ARCHITECTURAL METALS COMPANY
9751 ERWIN STREET
DETROIT, MI 48213
PH: 800.445.0263 FAX: 313.924.8877

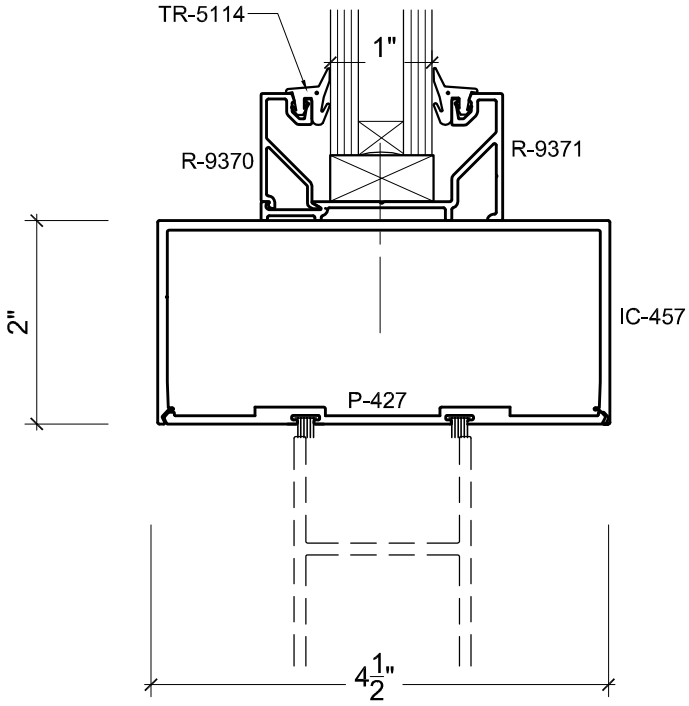
1800 SERIES

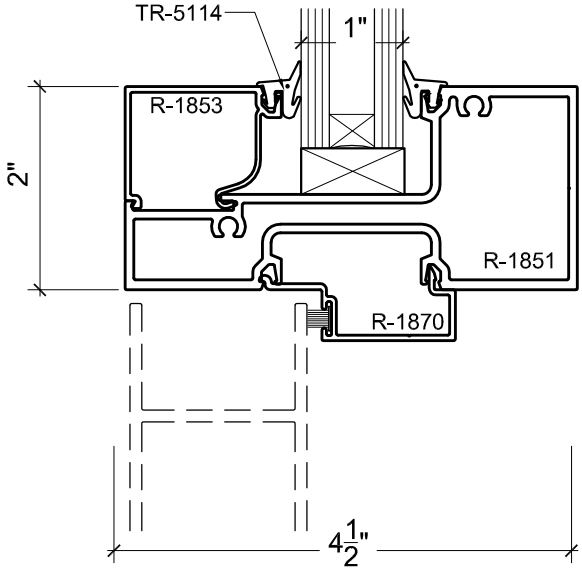
DETAILS

1/2 SCALE









SECTION 15

SPECIFICATIONS: STANDARD ENTRANCE DOORS

GENERAL DESCRIPTION
Work includes furnishing all necessary materials, labor and equipment for the installation of the aluminum entrance doors, door frame and hardware as specified herein.
NOT included: Structural support of the framing system.

PRODUCTS/MATERIALS
Aluminum entrance shall be model (s): Narrow stile 2", Medium Stile 3 11/16" and Wide Stile 5" (Nominal) as manufactured by Ramco (Reliable Architectural Metals Company), Detroit, Michigan. Door and frame sections shall be extruded aluminum AA-6063-T5 alloy with a nominal wall thickness of .125". Glazing and door moldings a minimum of .062". Weather-stripping to be silicone treated plastic pile and glazing gaskets shall be EPDM elastomeric extrusions or vinyl with a fiberglass reinforcement cord to prevent stretching. Weather-stripped insert in top and bottom rail is (optional). .375" high tension, zinc plated steel tie rods run the full width of the top and bottom rails joined together with .250" aluminum reinforcing plates and .375" serrated lock nuts. Narrow Stile doors shall have an adjustable setting block in the top rail.

FINISH HARDWARE
Ramco doors shall be supplied with standard hardware unless otherwise specified. Refer to the finish hardware section of Division 8 for requirements for finish hardware items not specified herein. Glass and glazing shall conform to the requirements specified in section "Glass and Glazing." The architect must specify special hardware for custom doors and entrances. Hardware furnished by others shall be sent to Ramco for application.

FABRICATION
Doors shall be mortised to provide positive interlocking of door rails to door stiles. Assembled with .375" diameter high tension steel plated rod, with .250" reinforced corner plate. Welding is (optional) in corner construction.

FINISHES
All exposed framing surfaces shall be free of scratches and other serious blemishes. Aluminum extrusions shall be given an acid etch, followed by an anodic oxide treatment conforming to the American Architectural Metal Association to obtain a color anodized finish AA-M12C2XA31 class II (clear anodized) or AA-M12C2XA44 class I (dark bronze anodized). Wood grain, black anodize, powder coat, and Kynar finishes are available upon request.

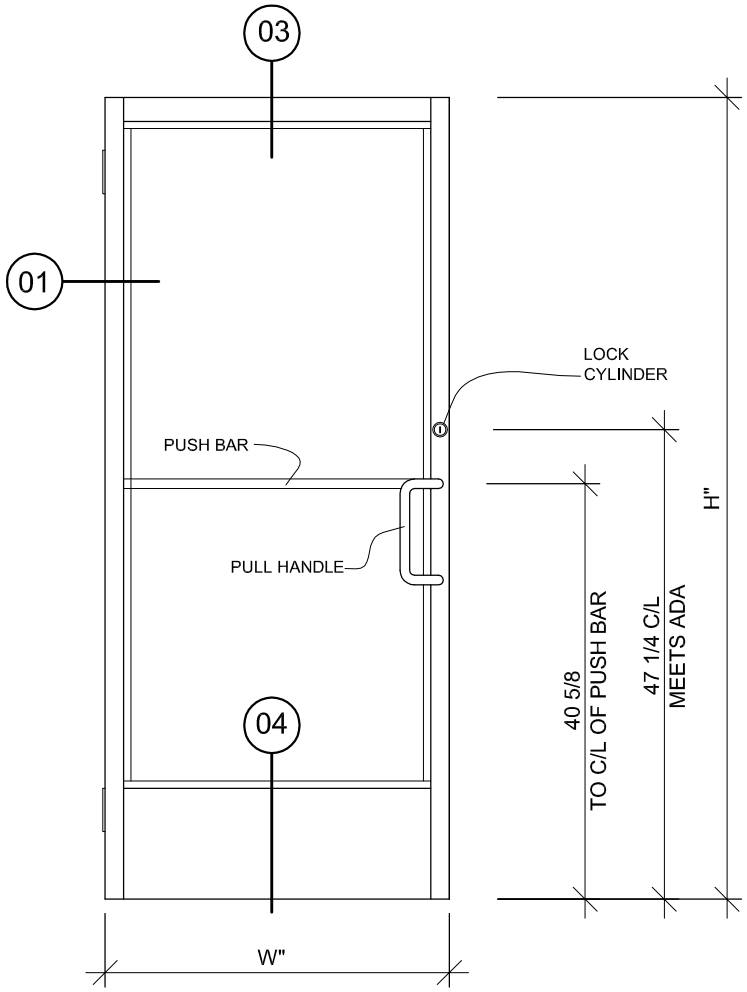
EXECUTION
Entrance doors and framing system shall be installed, glazed, and adjusted by experienced workers in accordance with Ramco's installation instructions and the approved shop drawings.

CLEANING AND PROTECTION
The installer shall prevent the aluminum entrance materials and finish from damage during the installation of the materials. After installation it is the responsibility of the general contractor or owner to prevent damage to the aluminum entrance materials and finish. Ramco assumes no responsibility after pick up or delivery.

NOTE: "Always Service All Ways" is our trade mark and to keep up with today's innovations Ramco reserves the right to change specifications without written notice.

RELIABLE ARCHITECTURAL METALS COMPANY
9751 ERWIN STREET
DETROIT, MI 48213
PH: 800.445.0263 FAX: 313.924.8877

STANDARD ENTRANCES



SINGLE DOOR STANDARD SIZES

STILE	HANDING	SWING	WIDTH (W)	HEIGHT (H)
NARROW	(LH) OR (RH)	SINGLE OR DOUBLE	36"	84"
NARROW	(LH) OR (RH)	SINGLE OR DOUBLE	42"	84"
MEDIUM	(LH) OR (RH)	SINGLE OR DOUBLE	36"	84"
MEDIUM	(LH) OR (RH)	SINGLE OR DOUBLE	42"	84"
WIDE	(LH) OR (RH)	SINGLE OR DOUBLE	36"	84"
WIDE	(LH) OR (RH)	SINGLE OR DOUBLE	42"	84"

lumière

DESCRIPTION

Eon 303 - S1 is a compact, low profile, dimmable LED sign lighting luminaire. It attaches to a wall or ceiling mounted straight arm and delivers full vertical adjustment (180°) for easy aiming. 303 - S1 provides either uplight or downlight depending upon how it is mounted. Optional 24" or 36" straight arms are available in lieu of the standard 12" arm. 303 - S1 mounts directly to any wall or ceiling surface over a standard 4" jbox and comes standard with a universal input LED driver (120 - 277V, 50/60 Hz). Dimming is achieved with a standard ELV, reverse phase dimming driver or an optional 0 - 10V dimming driver. 303 - S1 may be used indoors or outdoors and carries an IP66 rating.

		Type
Catalog #		
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

A ... Material

Head and backplate are precision-machined from corrosion-resistant 6061-T6 aluminum, C360 brass, C932 bronze, C110 copper or 303/304 stainless steel.

B ... Finish

Fixtures constructed from aluminum are double protected by a RoHS compliant chemical film undercoating and polyester powdercoat paint finish, surpassing the rigorous demands of the outdoor environment. A variety of standard colors are available. Aluminum fixtures can also be brushed and clear coat painted.

Brass, Bronze, Copper or Stainless Steel

Fixtures constructed from brass, bronze, copper or stainless steel are left unpainted to reveal the natural beauty of the material. Brass, bronze and copper will patina over time.

C ... Gasket

The backplate is sealed with a high temperature silicone gasket to prevent water intrusion into the jbox.

D ... Lens

Diffused, tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock. EDGE LIT option: when specified with the EDGE option, the glass will be slightly thicker, diffused, tempered and sealed in the same manner referenced above. The added glass thickness will offer a brigher line of light around the edge of the glass that will accentuate the fixture's aesthetics and styling.

E ... Adjustable Mounting Arm

Standard 12" straight arm provides 180° of vertical adjustment for easy aiming. Optional 24" or 36" straight arms aree available in lieu of standard 12" arm (specify option -24 or -36). Stainless steel locking mechanisms are standard. 4 5/8" square backplate attaches directly to a standard J-box with provided screws.

F ... Hardware

Stainless steel hardware is standard to provide maximum corrosion-resistance.

G ... Electrical

Eon 303 - A1 comes standard with a universal input LED driver (120-277, 50/60Hz). The standard driver is ELV reverse phase dimmable. An optional 0 - 10V dimming driver is also available.

H ... LED

LEDs are included and available in three color temperatures (2700K, 3000K & 4000K) and a variety of optics. Both color temperature and distribution must be specified when ordering - see reverse side for details and catalog logic.

I ... Labels & Approvals

UL and cUL listed, standard wet label. IP66 rated.

J ... Warranty

Lumiere warrants it's fixtures against defects in materials & workmanship for five (5) years. Auxiliary equipment such as transformers, ballasts and LED drivers carry the original manufacturer's warranty.

EON

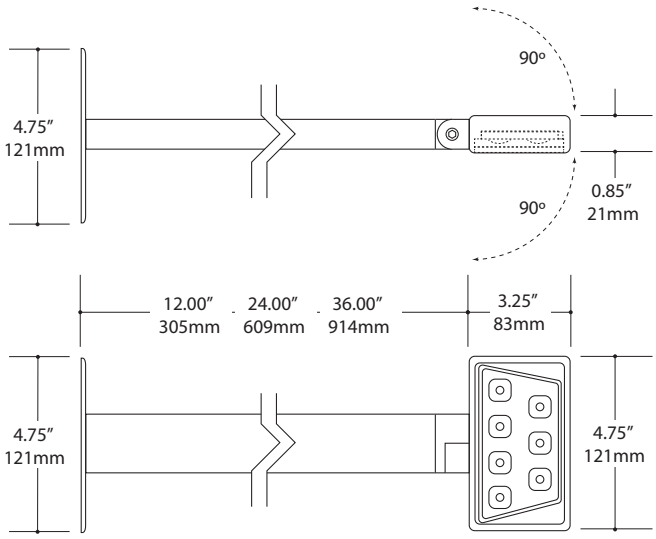
303-S1

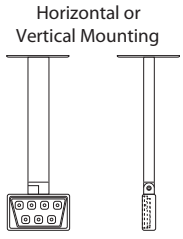
8.8 W LED

LED

SIGN

IP66





LED INFORMATION

LED	Watts	Distribution	Total Lumens	CRI	°K	Life (hrs.)	Volts
T2, 2700K	8.8	Type II - Lateral Throw	364	95	2700	50000	120V - 277V, 50/60 Hz
T2, 3000K	8.8	Type II - Lateral Throw		85	3000	50000	120V - 277V, 50/60 Hz
T2, 4000K	8.8	Type II - Lateral Throw	607	65	4000	50000	120V - 277V, 50/60 Hz
T4, 2700K	8.8	Type IV - Forward Throw	340	95	2700	50000	120V - 277V, 50/60 Hz
T4, 3000K	8.8	Type IV - Forward Throw		85	3000	50000	120V - 277V, 50/60 Hz
T4, 4000K	8.8	Type IV - Forward Throw	566	65	4000	50000	120V - 277V, 50/60 Hz
T5X, 2700K	8.8	Type V - Flood	381	95	2700	50000	120V - 277V, 50/60 Hz
T5X, 3000K	8.8	Type V - Flood		85	3000	50000	120V - 277V, 50/60 Hz
T5X, 4000K	8.8	Type V - Flood	635	65	4000	50000	120V - 277V, 50/60 Hz

NOTES AND FORUMULAS

- Apply appropriate light loss factors where necessary.
- Photometry is LM-79 compliant.

ORDERING INFORMATION

Sample Number: 303 - S1 - LEDB1 - 3000 - UNV - T4 - BA - 24

Series
303-S1 = LED single head sign light for wall or ceiling mount

Quantity of Mini Lightbars
LEDB1 = Light Emitting Diode, Rev B., Single Mini Lightbar

Color Temperature
2700 = 2700K
3000 = 3000K
4000 = 4000K

Input Voltage
UNV = Universal 120 - 277V, 50/60Hz

Optics
T2 = Type II, Lateral Throw
T4 = Type IV, Forward Throw
T5X = Type V, Extra Wide Flood

Consult factory for other optics

Dimming
DIMELV = Trailing Edge Phase Dimming Driver
DIM10 = 0 - 10V Dimming Driver

Finish

Painted
BK = Black
BZ = Bronze
CS = City Silver
VE = Verde
WT = White

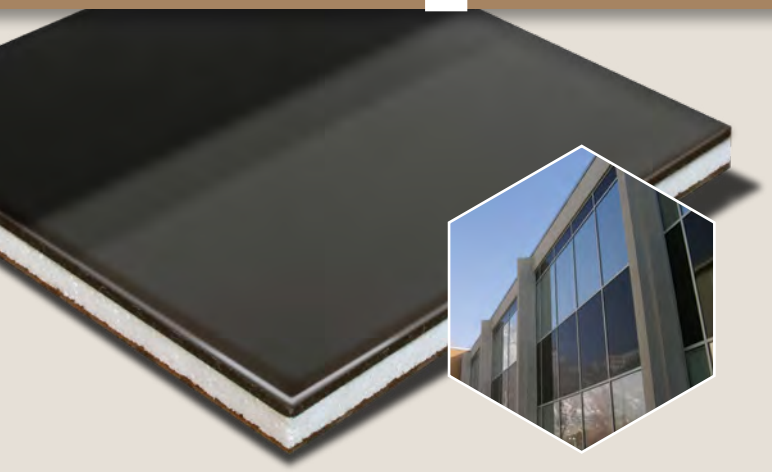
Premium Material
NBR = Natural Brass
NBZ = Natural Bronze
NCP = Natural Copper
NSS = Natural Stainless Steel
BA = Brushed Aluminum

Options
12 = 12″ Stem
24 = 24″ Stem
36 = 36″ Stem

Consult factory for other lengths

Notes: * Consult your Cooper Lighting representative for additional options and finishes

MapeSpan™



INSULATED SPANDREL GLASS PANELS

MapeSpan panels are a laminated composite with a ceramic backed spandrel glass with an insulative core material and a finished interior. This unique single source solution provides a low cost, single source glazing option for all curtain wall, spandrel and window application. The interior of the MapeSpan panel can be factory finished to complement any design requirement, including Porcelain, Kynar, Anodized and Baked Enamel. The unitized nature of MapeSpan also reduces field labor and is assembled under a factory controlled environment.

APPLICATIONS

- Schools
- Office Buildings
- Opaque Spandrel Areas
- Curtain Wall / Window Replacement

FEATURES

- Monolithic Construction
- Complete Glazing Solution for Exterior and Interior
- Single Source
- Reduced Cost
- High Insulation Values
- LEED Credit

For design and budget information, please visit www.mapes.com/panels/mapespan

mapes
ARCHITECTURAL PANELS

Mapes Panels, LLC
2929 Cornhusker Hwy / Lincoln, NE 68504
800-228-2391 / 800-737-6756 fax
panels@mapes.com / www.mapes.com

MapeSpan™

CORE OPTIONS

- 2 lb. Density Polystyrene – R-values up to 22.79. Most economical insulation.
- Isocyanurate – Modified urethane. R-values up to 27.79. Best insulation per inch. Higher cost.
- Micore® – Class A fire rated.

SUBSTRATE OPTIONS

- Tempered Hardboard – Low cost. Lightweight.
- Cement Board – Fiber-reinforced cement board, non-combustible.
- Fire Rated Gypsum Board – 1/2" type C fire code. Provides 15-minute interior finish rating to meet local codes.
- HDPE – High Density Polyethylene – Moisture resistant.

INTERIOR FINISH GUIDE

	Embossed	Smooth	Custom Color	Aluminum	Steel	Warranty (yrs)
Porcelain on Aluminum	X		X	X		25
Porcelain on Steel		X	X*		X	20
Kynar	X	X	X*	X	X	5 to 20
Polyester Baked Enamel	X	X	X*	X		5
Anodized	X*	X	X*	X		n/a
Primed Aluminum	X	X		X		n/a
Galvanized		X			X	n/a
Mill Finish	X	X		X		n/a

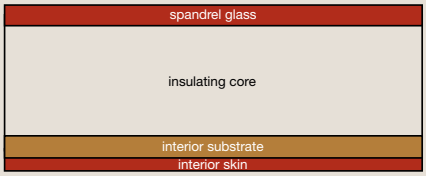
**Indicates premium charge; consult factory*

CERAMIC-BACKED SPANDREL GLASS PANELS

MapeSpan is a composite panel utilizing heat-strengthened glass with ceramic frit on the #2 surface combined with an insulative core and a finished interior. Complete wall panels can be glazed in a monolithic unit from a single supplier.

A wide variety of colors are available, and the interior can be any standard architectural finish including porcelain, Kynar®, anodized, baked-enamel and also unfinished.

TYPICAL CROSS SECTION



SPANDREL GLASS EXTERIOR

1/4" heat-strengthened glass with ceramic frit on the #2 surface.

STANDARD COLORS

24-8028 Solar Bronze | 24-8026 Solar Gray | 26-8008 Solex | 29-8009 Lava Bronze

24-8029 Black | 24-8086 Pewter | 27-8026 Ford Blue | 24-8025 Charcoal

Custom glass tint and custom ceramic colors available—please consult factory for design limitations.
Color variation due to printing process—consult factory for sample.