TOWN OF HERNDON, VIRGINIA

ARCHITECTURAL REVIEW BOARD
PUBLIC HEARING AGENDA
FEBRUARY 19, 2020
HERNDON COUNCIL CHAMBERS BUILDING
765 LYNN STREET
7:30 P.M.

CALL TO ORDER

1. Roll Call
2. Determination of Quorum

APPROVAL OF MINUTES

3. January 8, 2020 Work Session Draft Minutes

4. January 15, 2020 Public Hearing Draft Minutes

COMMENTS

5. Comments from the Board Members

6. Comments from the Staff Members

7. Comments from the Audience

PUBLIC HEARING

8. **APPLICATION FOR A WALL OR WINDOW SIGN, ARB #20-005,** to consider an application to install two new tenant business wall signs on the multi-tenant commercial building located at 311 Spring Street, Herndon, Virginia, located between the intersection of Spring Street and Van Buren Street and the intersection of Spring Street and Herndon Parkway, and further identified as Fairfax County Tax Map 0162-02-0174D. The property is zoned The property is zoned PD-B, Planned Development - Business, and consists of 168,916 square feet of land. Owner/Applicant: Herndon-Reston Industrial LLC c/o Kenwood Management Company. Applicant's Representative: Heather Davis, Gable Company.

ADJOURNMENT

Future ARB Meetings

March 4, 2020	ARB Work Session	7:30 p.m.
March 18, 2020	ARB Public Hearing	7:30 p.m.

TOWN OF Herndon VIRGINIA

MEMORANDUM

To: Chair Walker & Members of the Architectural Review Board

From: Christopher J. Garcia, AICP, Community Design Planner/Deputy Zoning Administrator

Date: February 19, 2020

Subject: February 2020 ARB Case Update, ARB #20-005, 311 Spring Street

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This memo serves as an update for the referenced ARB case scheduled for the February 19, 2020 ARB Public Hearing.

As stated in the staff report for ARB #20-005, dated February 5, 2020; and as discussed at the work session, a recommendation of approval with conditions was provided by staff which would require design revisions by the applicant prior to the issuance of a building permit for the proposed sign installation and clarification of an unknown material on one of the sign panels within the submitted application materials.

Since the February 5, 2020 ARB Work Session, staff has received updated printed and electronic submission materials from the applicant that shows that the grey material presenting in the previous paper submission was, in fact, a printing error and the intended design was accurately represented in the staff Power Point presentation. However, the applicant is still showing the *DIY-PARTIES-DECOR* sign to be off center on the existing sign panel on the end tenant space on the northwest corner of the elevation, with the applicant continuing to state that the northeast corner tenant space is also off-center as shown in the Elevation View – Spring Street rendered elevation on Sheet A-100 of the applicant's most recent submission. After further field documentation, staff has found that the existing sign on the northeast corner is not off center (as shown in the applicant's rendering) but is actually centered on the sign panel and congruent in placement of the other existing signs approved by the ARB (see Exhibits 1 and 2). Staff believes that this horizontal and vertical centering of signs on each of the deliberately designed sign panels is the original design intent and should be continued.

Exhibit 1: Staff photo of existing conditions on the northeast corner of 311 Spring St. dated 02/11/2020

Exhibit 2: Staff photo of existing conditions on the northeast corner of 311 Spring St. and end tenant space dated 02/11/2020

Therefore, staff recommends approval of ARB #20-005 with the following conditions:

1) **Applicant shall revise all submission materials to reflect the horizontal and vertical centering of the *DIY-PARTIES-DECOR* sign on the sign panel to be congruent to the remaining signs on the north elevation;**
2) **Revised design materials meeting Condition #1 shall be submitted to staff prior to issuance of a building permit; and**
3) **Proposed signs shall be constructed and installed in substantial conformance with the original design materials submitted with the original application, the revised application materials submitted on February 10, 2020, and any revised design materials meeting Condition #1.**

Thank you.

Attachment:

1. ARB #20-005 311 Spring St. Revised Sign Design and Elevations

Reston Herndon Business Park

315-317 Spring St. Herndon, VA 20170

Internally Illuminated Channel Letters

Issued Date: 12/20/19

REVISED Date: 1/21/20

PERMIT DRAWING

Gable
A VISUAL SOLUTIONS COMPANY.
7440 Fort Smallwood Road
Baltimore, Maryland 21226
800.854.0568

PROJECT TITLE:	AR Workshop
ORDER TITLE:	RHBP - AR Workshop Storefront Signage
CITY/STATE	Herndon, VA
DRAWING DATE / SALES REP / PROJECT MGR.	12/20/10 / JJ / 00
ENGINEER OF RECORD SEAL/SIGNATURE/DATE:	
CLIENT APPROVAL:	
DEPARTMENT APPROVAL: DATE:	TSD:_____ / _____ PROJECT MANAGEMENT:_____ / _____ PRODUCTION:_____ / _____

REVISION HISTORY

NO.	DATE	PREV DRWG	DESCRIPTION

PROJECT TYPE:	Internally Illuminated Channel Letters
DRAWING TYPE:	Cover Page
PROJECT NO. / TASK NO. / QTY.	83851-1 / 201153 /
DWG. NO. / SHEET	0814MRO / C-100

DRAWING INDEX

		Issued / Approved Dates					
Page	Drawing Type	Issued	Review Action	Issued	Review Action	Issued	Review Action
C-100	Cover						
DI-100	Drawing Index						
GN-100	General Notes						
GN-101	General Notes						
SP-100	Site Plan	12/20/19	FOR PERMITS	1/21/20	FOR APPROVAL		
GRAPHICS/FINISHES							
GF-100	Graphics/Finishes	12/20/19	FOR PERMITS	1/21/20	FOR APPROVAL		
ARCHITECTURAL							
A-100	Elevation	12/20/19	FOR PERMITS	1/21/20	FOR APPROVAL		
A-101	Fabrication Details	12/20/19	FOR PERMITS	1/21/20	FOR APPROVAL		
A-102	Attachment Details	12/20/19	FOR PERMITS	1/21/20	FOR APPROVAL		
A-103	Blocking Details	12/20/19	FOR PERMITS	1/21/20	FOR APPROVAL		
ELECTRICAL							
E-100	Power Connection Diag.	12/20/19	FOR PERMITS	1/21/20	FOR APPROVAL		
E-101	LED Layouts	12/20/19	FOR PERMITS	1/21/20	FOR APPROVAL		

Gable

A VISUAL SOLUTIONS COMPANY.

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PROJECT TITLE:
AR Workshop

ORDER TITLE:
RHBP - AR Workshop Storefront Signage

CITY/STATE
Herndon, VA

DRAWING DATE	SALES REP	PROJECT MGR.
12/20/10	JJ	00

ENGINEER OF RECORD SEAL/SIGNATURE/DATE:

REVISION HISTORY

NO.	DATE	PREV DRWG	DESCRIPTION

PROJECT TYPE:
Internally Illuminated Channel Letters

DRAWING TYPE:
Drawing Index

PROJECT NO.	TASK NO.	QTY.
83851-1	201153	

DWG. NO.	SHEET
0814MR0	DI-100

General Design Drawing Notes:

1. Gable drawings and specifications remain the property of the design professional. Copies of the design drawings and specifications retained by the client may be utilized only for his use and for occupying the project for which they were prepared, and not for the construction of any other projects.
2. Gable's drawings are meant to be diagrammatic for type and location of fixtures and other associated devices. Exact installation requirements to comply with all codes and regulations as determined by the architect of record, electrical engineer and structural engineer. All design documentation and installation should comply with applicable codes. The notes on this page are meant to clarify the project design documentation and requirements.
3. It is assumed that the Gable project design team has reviewed the documentation and shall communicate any conflicts in the design documentation.
4. Contractor/ fabricator shall not deviate from Gable's design drawing details. Any modifications must be reviewed and approved by Gable.

General Engineering Notes:

1. Steel design and fabrication shall be in accordance with AISC, 14th edition
2. Round & square/rectangle HSS shall be ASTM A500 Grade B.
3. Plate, angles and channels steel shall be ASTM 36.
4. Wide flange and tees (WT) shall be ASTM A992.
5. Shall discrepancies exist between the plans and actual conditions, contact Engineer of Record (EOR) for design review and/or revision.

Steel Welding Notes:

1. Welding shall be in accordance with AWS D1.1
2. AWS certification required for all structural welders.
3. E70XX electrodes for SMAW process.
4. F7X-EXXX electrodes for SAW process.

Aluminum Welding Notes:

1. Welding Shall be in accordance with AWS D1.2
2. Aluminum alloy filer 4043 shall be used in all structural welds.
3. Fillet weld size shall not exceed thinnest member thickness of joined sections.
4. Welding process GMAW or GTAW shall be in accordance with AWS D1.2

General Lighting and AV Installation Notes:

It is intended that the installing contractor shall:

1. Bid, provide and install all fasteners, hanging rods, support elements, anchors, safety/ seismic materials, miscellaneous metals, etc. that are not indicated as being
2. Complete all terminations and verify continuity and consistency of all low voltage and data communication systems.
3. Be responsible for the supply and installation of all additional material to ensure the safe and reliable operation of all emergency lighting and audio systems.
4. Be responsible for the supply and installation of plugs and cord caps where required. owner provided.
5. Be responsible for the installation of any and all lamps, color filters, screens, safety cables, louvers and diffusers in accordance with the lighting design drawings.
6. Be responsible to supply and install all low voltage transformers and associated low voltage gear as required.
7. Focus all lamps and fixtures per the design drawings, or, if no focus indication is shown, focus all downlights straight down.
8. Be responsible for making their own quantity counts for all equipment that they are asked to supply including modifications to quantities to match field conditions.
9. Be responsible for supplying clean power to all control and dimming equipment and to install any necessary equipment to avoid power variations.
10. Provide strain-relieved and weatherproofed exterior connections/ terminations.
11. Utilize manufacturer shop drawings and instructions for energization prior to system commissioning. Improper turn on of system may void/ alter manufacturer warranty. Electrical contractor will require written authorization from manufacturer prior to commissioning.
12. Install dimmer racks in accordance with manufacturer's specifications and shop drawings.

General Control, MDF, IDF Room Notes:

1. All control rooms shall be locked, clean and dry with finished, painted and sealed walls, floor and ceiling.
2. Each freestanding, dimming, and control rack requires 3' of clearance in front and above each rack. Additional clearance requirements will be shown on control room layout page.
3. Each control/ dimming/AV room requires a minimum of 10' finished ceiling height. of record.
4. Gable recommends a sub-floor and/or cable tray a minimum of 96 inches above finished floor mounted over the control racks.
5. All main control room access doors must be oversized with a minimum of 7' high clearance.
6. Floor mounted racks to be placed on a 4" pad above finished floor.
7. Main power feeds should have a local breaker/disconnect switch installed next to each dimmer/relay rack. Power protection device must be specified by the engineer
8. Gable is not responsible for the design and integration of backup power systems for control racks.
9. The control and dimmer room environment must maintain a temperature at 70° f (20° c) and humidity at less than 50% and provide air filtration that removes 95% of all particles 0.5 microns in size or larger. Systems shall be operational prior to commissioning.
10. Electrical engineer to provide lighting in control room(s) to meet a minimum of 20-foot candles.
11. Minimum of 6 convenience outlets (duplex style, 20-amp) shall be provided in each control room separate from equipment racks.12.
12. Gable recommends that no overhead sprinkler system be installed in the control/ dimming room(s).

General Data Communication, Low Voltage and AV Wiring Notes:

1. A wired high-speed Internet connection must be provided to main control room.
2. All fiber optic infrastructure including all fiber patch panels and modular patch cords require connectors per equipment specifications to be provided, installed and terminated by certified contractor prior to rack commissioning.
3. No changes or substitutions shall be made to Gable's cable/ equipment specifications, or documentation without written permission.
4. Gable recommends 20% spare conduit capacity and an additional spare home run for the main infrastructure. All cable infrastructure and wiring must adhere to manufacturer specifications and shop drawings.
5. Gable recommends against the use of GFI protection on loads related to theatrical lighting, AV, and special effects.
6. The engineer shall provide individual load calculations that adhere to all local codes and dimming equipment specifications as well as all appropriate infrastructure,
7. All data wires and control cables pulled into equipment/ control rooms shall be left with a minimum service loop of 12' in each rack location and minimum of 8' in all feeds and switch gear.
8. Each circuit must have an independent hot, neutral, and ground. No sharing of hot, neutral, or ground shall be permitted.
9. All control & low voltage cable home runs cannot be spliced. field locations.
10. The engineer should allow for 4" minimum distance between high and low voltage conduits. High and low voltage conduits must cross at 90-degree angles.
11. All cables must be labeled in accordance with Gable's drawings and other furnished documentation.
12. Final cable specifications to be approved by electrical engineer. Installing contractor must verify maximum length of all cable runs prior to installation. If run exceeds maximum cable length of manufacturer and/or product specification, installing contractor to provide alternate wiring methodology or specification for review by Gable
13. All splices for exterior fixtures must be made in suitable waterproof junction boxes, with conduits sealed against water intrusion.
14. All ground recessed exterior fixtures must be installed to manufacturer's specific instructions, particularly regarding drainage, sealing and potting.
15. All electrical junction boxes are to be provided by the electrical contractor as the point of connection within 6 feet of the sign. and electrical engineer.
16. All electrical connections to the sign shall be made by a Gable Representative.
17. All electrical connections are to be made in accordance with the requirements of the National Electrical Code (N.E.C.) in addition to all applicable local codes.
18. All installation standards for high and low voltage systems, control and data cabling, and terminations must meet and comply with USITT, BICSI, AES, NFPA and NEC standards. Standards may be found at:

WWW.NFPA.ORG
WWW.USITT.COM
WWW.AES.ORG
WWW.BICSI.ORG

General Installation Notes:

1. Installer shall be responsible for determining the erection, maintenance and dismantling of all barricades or protective coverings necessary to safeguard the public and property during the performance and duration of the work.
2. Installer shall attach components to substrate in accordance with the structural engineers and manufacturer's instructions unless otherwise shown. Install level, plumb, and at the proper height. No movement of signs at their foundations shall occur, the components must remain true and plumb on their foundations.
3. Installation includes provision of any required footing, all anchor bolts, fastenings, attachment metal, and other miscellaneous metal items embedded in concrete or building wall material as required, and security of components.
4. All items to be installed shall be left in a clean condition.
5. Upon completion of the installation of each component, clean all soiled surfaces and touch-up all imperfections that may have occurred during the time of handling and installation.
6. All debris and packing material shall be removed and disposed of in a legal manner. All protective masking of the surfaces shall be removed upon completion of the installation.
7. Gable is not responsible for the design or implementation of emergency and life safety systems.
8. All excavation and site work shall be returned to its original grade configuration after contract items are installed.
9. All atypical installation conditions encountered by the installer must be brought to the attention of appropriate Gable personnel.
10. Installer is responsible for compliance with all OSHA requirements and regulations.
11. Installer is responsible for compliance with all applicable environmental regulations.

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800.854.0568

PROJECT TITLE: AR Workshop
ORDER TITLE: RHBP - AR Workshop Storefront Signage
CITY/STATE: Herndon, VA

DRAWING DATE	SALES REP	PROJECT MGR.
12/20/10	JJ	00

ENGINEER OF RECORD SEAL/SIGNATURE/DATE:

REVISION HISTORY

NO.	DATE	PREV DRWG	DESCRIPTION

PROJECT TYPE: Internally Illuminated Channel Letters
DRAWING TYPE: General Notes

PROJECT NO.	TASK NO.	QTY.
83851-1	201153	

DWG. NO.	SHEET
0814MRO	GN-100

General Concrete Foundation Notes:

1. Engage a private utility locating specialist and mark existing utilities in proximity to sign foundation before excavation. Likewise, contact Miss Utility for marking of all public utilities in the work area.
2. Excavate for sign foundation to elevations and dimensions indicated. Reconstruct sub-grades that are un-firm, disturbed, or composed of unsuitable soil, or has been damaged by freezing temperatures, frost, rain, accumulated water, or construction activities by excavating further, backfilling with satisfactory soil or fill, and compacting to original sub-grade elevation. Do not install footings in damp or saturated soils. Do not leave open excavation during off-work hours.
3. Install concrete footing with reinforcement, foundations, and other embedded items required for installation of signs, as approved by contractor-furnished Engineer.
4. Set core drill and set anchors bolts from footing base plate onto non-shrink grout leveling bed. Ensure post is level and plumb, and at heights indicated, with surfaces free of distortion and other defects in appearance.
5. Coordinate and install power source feed wire from adjacent sub-grade and form bend of conduit chase (sweep) into foundation pour. Verify size requirements prior to
6. Back fill footing/foundation once concrete reaches 3000-pound compressive strength. Backfill material shall be free of litter, debris and organic matter. Backfill installation. material shall have not more than optimum water content prior to compaction operations, soils to dry to suitable levels if over- saturated.
7. Minimum concrete strength shall be 3,000 psi, w/ 6% air entrainment unless otherwise noted.
8. Concrete design & construction to be in accordance with ACI 318-05
9. Concrete poured into constrained earth excavations must be cure under proper conditions for four days prior to sign box installation. (Exception: if the overall height of the sign is less than 20 feet and the sign pole(s) are adequately braced as necessary against wind loads for a minimum of 4 days, the box may be installed the same day as the footing is poured.
10. For pier and caisson footings, concrete must be poured against undisturbed earth.
11. Maintain a minimum of 3" cover over all embedded steel.
12. Provide a maximum of 4" cover between the bottom of support pole and bottom of the concrete footing on all direct burial footings. (Unless otherwise noted)
13. If clay, silt or organic soils are encountered upon excavation it is the installing contractor's responsibility to contact a licensed civil engineer for design modification.

General Electrical Grounding Notes:

1. The single point ground system (SPGS) is a grounding mandate that all major components of the building safety protection system to be designed and bonded to a single ground reference point. These components consist of ground electrodes, grounding electrode conductors, grounded conductors, and grounding conductors. These conductors are designed to create the path of least resistance/impedance. This allows any voltage produced as current to flow or return to its source along the proper designated path.
2. Connections to the SPGS will reduce voltage potential differences among various types of equipment. This should reduce personnel safety hazards, protect the equipment and reduce noise currents that may affect the operation of voltage-sensitive equipment. This includes equipment such as communication switching equipment and any computer-controlled equipment.
3. The SPGS has one main connection point. The single ground reference point is usually designated as the master ground bar (MGB).
4. Grounding conductors and their grounded components must be isolated from any unintended contact with other grounding conductors and grounded components except at the single ground reference point, the MGB. Any unintended points of contact among different grounding conductors and components create ground loops within the SPGS and are violations of the SPGS.
5. All computer, network, data and audio related field connected devices must have their grounds referenced to the control room where their source outputs will be connected.
6. The ground reference differential must not exceed 2 volts. Levels higher will result in degradation in performance and damage to the connected device(s).

General Manufacturing Notes:

1. Details depicted on the construction documents shall be followed for exterior appearance.
2. Approved Structural design shall utilize self-supportive framing.
3. Fabrication of cabinet, exposed faces and graphics devices to size and style indicated and produced surfaces free from oil canning, warping, distortion or any irregularities or inconsistencies. Include internal bracing for stability and attachment of mounting accessories as required.
4. Fabricator may change interior construction shown on these details to conform with general shop practices. However, these changes must be submitted to TSD as part of the shop drawings and be reviewed by TSD and noted prior to fabrication.
5. Construct all work to eliminate burrs, cutting edges and sharp corners.
6. All welding must be performed by operators who are currently qualified by tests as prescribed in AWS D.1.1, and or D.1.2 as applicable, and recognized building code authority.
7. Make all signs tight fitting, between parts and sections, and with adjacent surfaces.
8. Unless indicated otherwise, non-welded joints between various portions of signs must be weatherproof (for exterior signs) and have tight, hairline-type appearances, without gaps (varying or otherwise). Provide sufficient fastenings to preclude looseness, racking, or similar movement.
9. Conform to manufacture's recommended fabricating procedures regarding fastening, restraining, expansion and contraction of dissimilar materials.
10. Isolate dissimilar materials to prevent galvanic corrosion by means of rubber pads/washers and utilize inert (stainless steel) fasteners.
11. Signs to be assembled and mounted so as to provide reasonable ease of access and replacement of all components.
12. Aluminum sheet not less than .125" unless noted otherwise, fabricate by MIG welding, filled and ground smooth, unless the seam occurs along a color break. Then a clean butt joint with concealed backing channel and plug weld is acceptable.
13. All bends, curves, and folds to be geometrically correct and produced by a consistent mechanical method unless approved otherwise.
14. Jointing and brake forming all sheet metal shall have brake formed edges with radii not greater than sheet thickness unless otherwise specified. Adjacent stock shall have edges with similar radii.
15. Welding on all exposed welds is to be ground smooth to match surface of adjacent material.
16. All mounting patterns and or templates shall have at least a fully marked base line and center line depicted on the pattern.

General Vinyl Graphics Application Notes:

1. Sign copy to comply with the requirements indicated for size, proportion, style, spacing, content, position, material, finish and color of letters, numbers, symbols and other graphics devices.
2. All letter forms shall be aligned so as to maintain a baseline parallel to the sign format, with margins and layout as indicated on design drawings and approved shop drawings.
3. Routed copy: Cutting and routing shall be done in such a manner that edges and corners of finished letter forms shall be sharp and true. Letter forms with nicked, cut, ragged, rounded positive or negative corners, and similar disfigurements will not be acceptable. Letter forms shall be aligned so as to maintain a base line parallel to the sign format. Vertical strokes shall be plumb. Mechanically fasten center of letters to acrylic plastic as required.
4. All high resolution large format digital printing shall be protected with a UV over laminate.

General Spray Finishing Notes:

1. Pre-treatment: All surfaces shall be sanded, cleaned, primed, and pre-treated as required prior to finishing.
2. Paint: Paint shall be manufacturer's highest grade for best ultraviolet light resistance, weather ability and overall longevity of finish and color pigmentation retention.
3. Paint color mixtures shall be cross checked with approved color control samples, prior to the final finishing process.
4. All painted surfaces shall be free from particulates, blemishes, dry spots, orange peel and unevenness of spray patterns.
5. There shall be no de-lamination of any parts of the sign or of the lettering from the sign face.
6. There shall be no cupping, warping, or dishing in excess or other disintegration of the sign face.

Verify In Field (V.I.F.):

1. Where "Verify In Field" (V.I.F.) is found in this drawing, the GABLE project manager will assign tasks to "Verify In Field" and submit information / results back to the GABLE technical team.

SYMBOL LEGENDS:

Elevation

Look Point

A VISUAL SOLUTIONS COMPANY.
7440 Fort Smallwood Road
Baltimore, Maryland 21226
800.854.0568

PROJECT TITLE: AR Workshop

ORDER TITLE: RHBP - AR Workshop Storefront Signage

CITY/STATE: Herndon, VA

DRAWING DATE	SALES REP	PROJECT MGR.
12/20/10	JJ	00

ENGINEER OF RECORD SEAL/SIGNATURE/DATE:

REVISION HISTORY

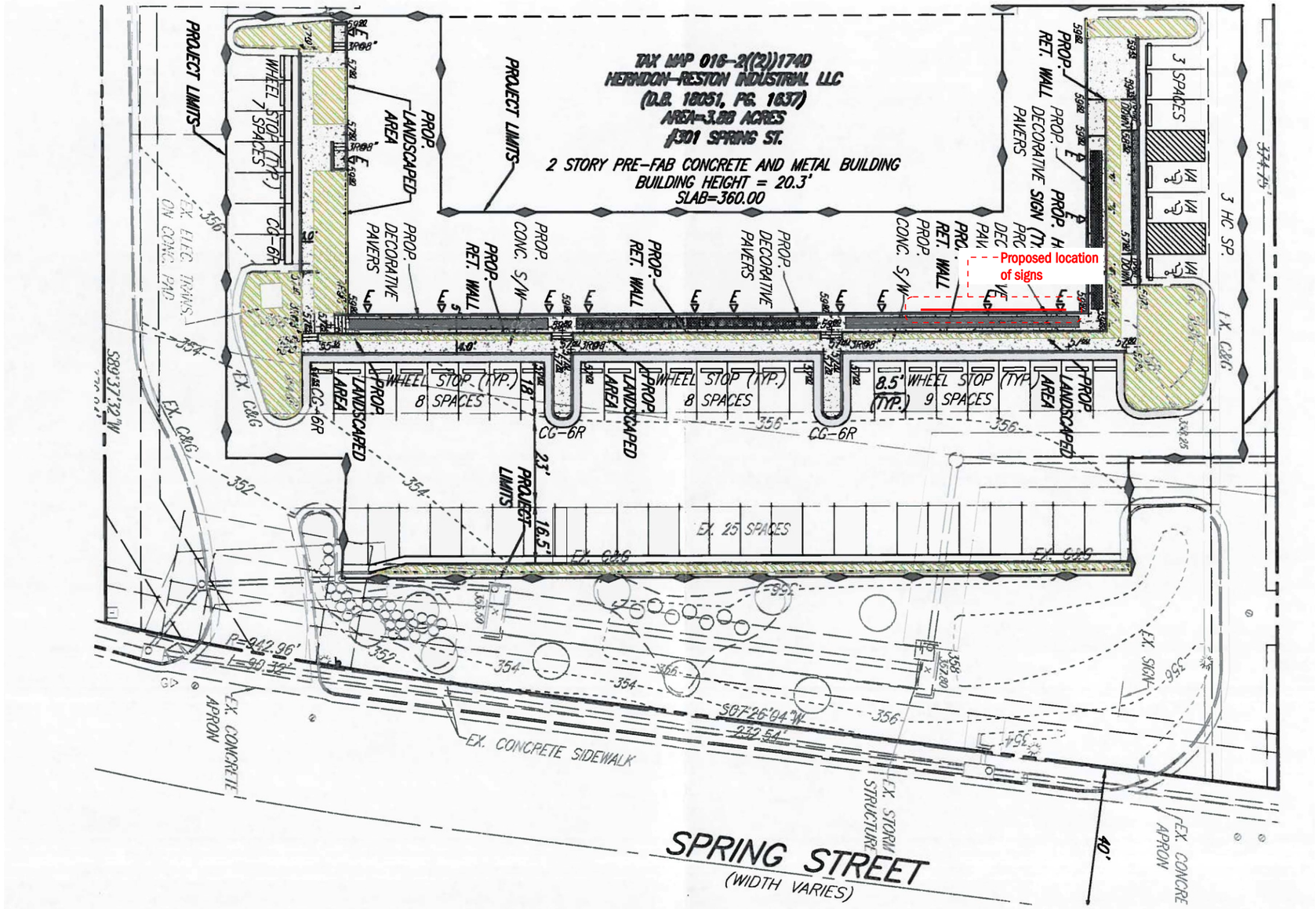
NO.	DATE	PREV DRWG	DESCRIPTION

PROJECT TYPE: Internally Illuminated Channel Letters

DRAWING TYPE: General Notes

PROJECT NO.	TASK NO.	QTY.
83851-1	201153	

DWG. NO.	SHEET
0814MRO	GN-101



1 SITE MAP
SCALE: 1/32" = 1' - 0"

Gable

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7440 Fort Smallwood Road
Baltimore, Maryland 21226
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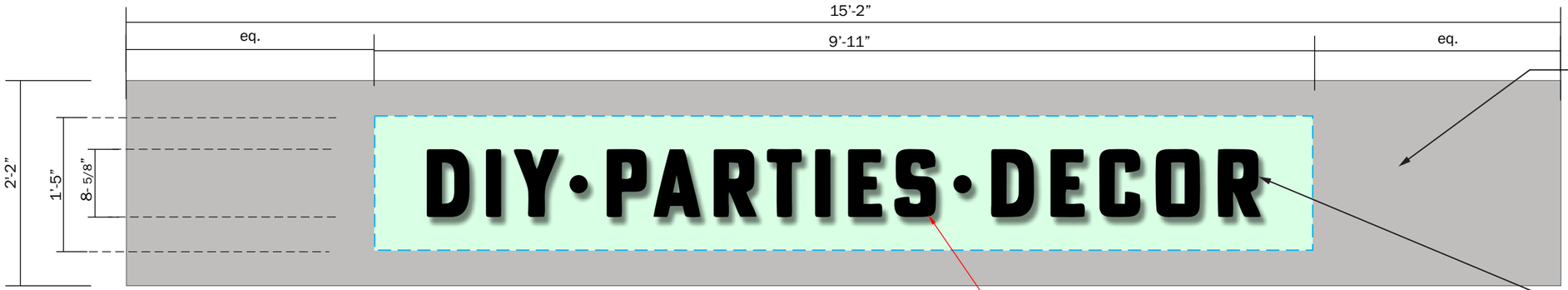
PROJECT TITLE: AR Workshop		
ORDER TITLE: RHBP - AR Workshop Storefront Signage		
CITY/STATE: Herndon, VA		
DRAWING DATE: 12/20/10	SALES REP: JJ	PROJECT MGR.: 00
ENGINEER OF RECORD SEAL/SIGNATURE/DATE:		

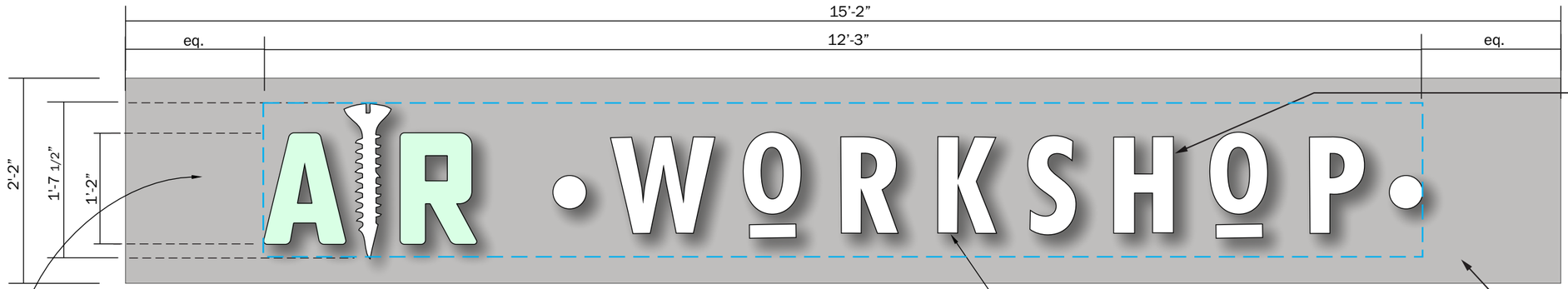
REVISION HISTORY			
NO.	DATE	PREV DRWG	DESCRIPTION

PROJECT TYPE: Internally Illuminated Channel Letters		
DRAWING TYPE: Site Plan		
PROJECT NO.	TASK NO.	QTY.
83851-1	201153	
DWG. NO.	SHEET	
0814MR0	SP-100	



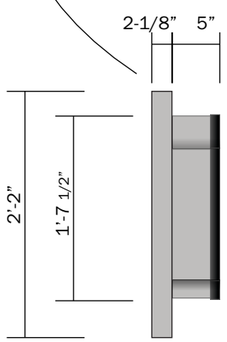
NOTE: client to send file with clean LineArt File for letters (prior to production, placeholder shown)

1 ELEVATION DETAIL - TOTAL SF = 14.04
SCALE: 3/4" = 1'



NOTE: client to send file with clean LineArt File for letters (prior to production, placeholder shown)

2 ELEVATION DETAIL - TOTAL SF = 19.91
SCALE: 3/4" = 1'



3 SIDE DETAIL
SCALE: 3/4" = 1'

FABRICATED BACKER PANEL:
Return Finish on panel: painted CM 359-A1 silver base coat satin clear
Face Finish: masked & painted CM 359-A1 silver base coat satin clear & to match frosted coke bottle green vinyl

1 revised 1/21

3" DEEP FACE LIT CHANNEL LETTERS:
Return Finish: painted CM 359-A1 silver base coat satin clear
Face Finish: #7328 trans white acrylic w/ surface applied
3M Day/Night Vinyl black
Trim Cap: 3/4" Black

1 revised 1/21

FACE LIT CHANNEL LETTERS:
Return Finish: painted CM 359-A1 silver base coat satin clear
Face Color: white acrylic (logo) trans vinyl frosted coke bottle green on "AR" faces, (client to confirm)
Backer color: pre-coated white
Trim: 1" black

disconnect switch (painted to match silver building fascia color between cabinets)
PM to confirm #

BACKER PANEL painted CM 359-A1 silver base coat satin clear

14.04 sq ft
19.91 sq ft
33.95 sq ft Overall TOTAL

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DRAWING DATE	SALES REP	PROJECT MGR.
12/20/10	JJ	00

ENGINEER OF RECORD SEAL/SIGNATURE/DATE:

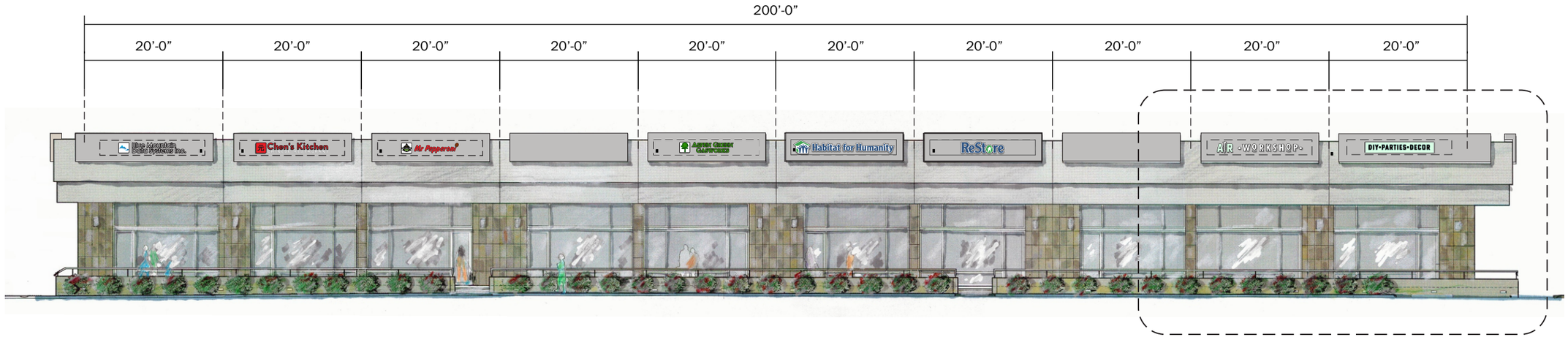
REVISION HISTORY

NO.	DATE	PREV DRWG	DESCRIPTION
1	1/21/20	0796MRO	3" DEEP CHANNEL LETTER

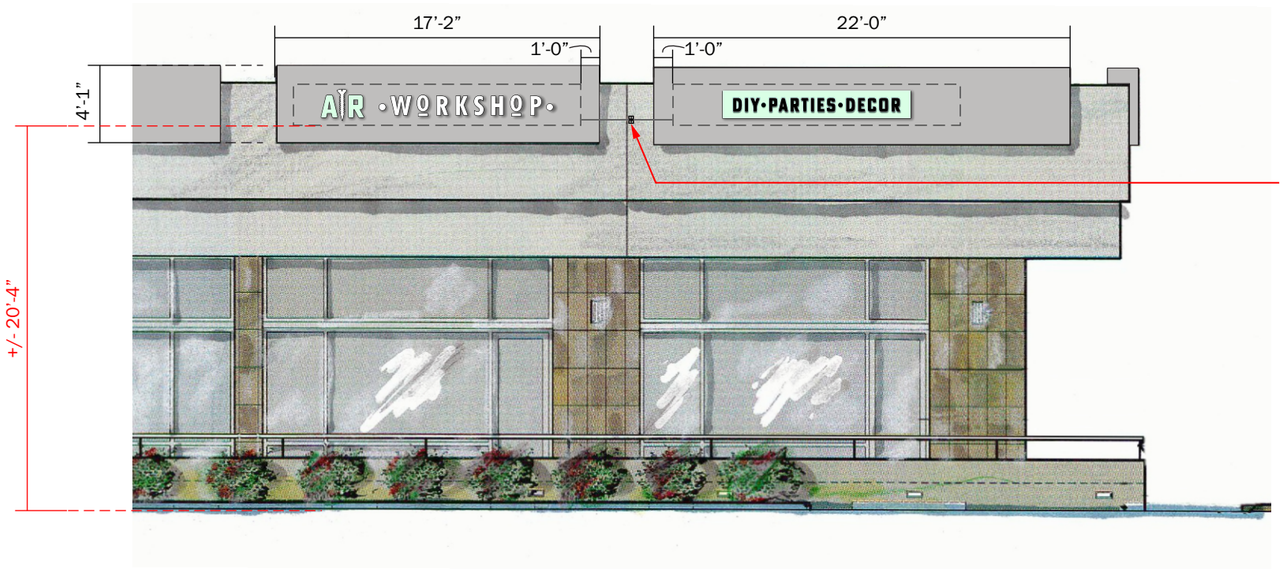
PROJECT TYPE: Internally Illuminated Channel Letters
DRAWING TYPE: Graphics / Finishes

PROJECT NO.	TASK NO.	QTY.
83851-1	201153	1 each

DWG. NO.	SHEET
0814MRO	GF-100



1 ELEVATION VIEW - SPRING STREET
SCALE: 1/16" = 1'



2 ENLARGED ELEVATION VIEW @ STOREFRONT
SCALE: 1/8" = 1'

Gable
A VISUAL SOLUTIONS COMPANY.
7440 Fort Smallwood Road
Baltimore, Maryland 21226
800.854.0568

PROJECT TITLE: AR Workshop
ORDER TITLE: RHBP - AR Workshop Storefront Signage
CITY/STATE: Herndon, VA

DRAWING DATE	SALES REP	PROJECT MGR.
12/20/10	JJ	00

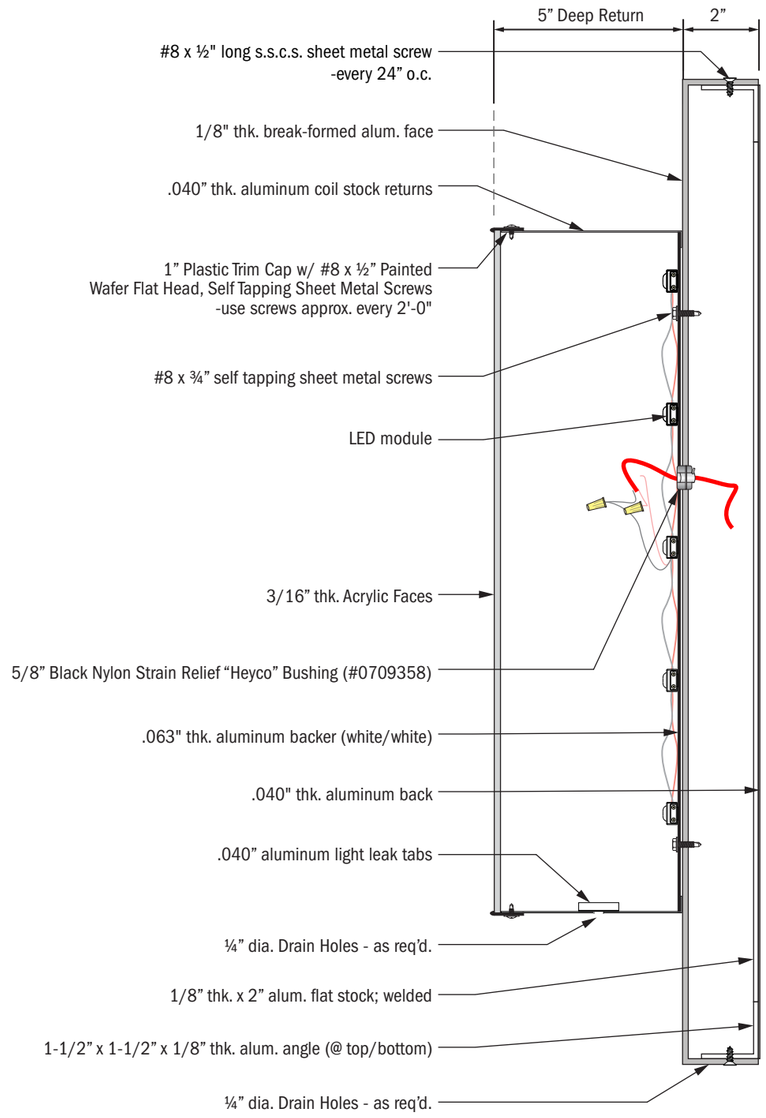
ENGINEER OF RECORD SEAL/SIGNATURE/DATE:

NO.	DATE	PREV DRWG	DESCRIPTION

PROJECT TYPE: Internally Illuminated Channel Letters
DRAWING TYPE: Arch. - Elevation

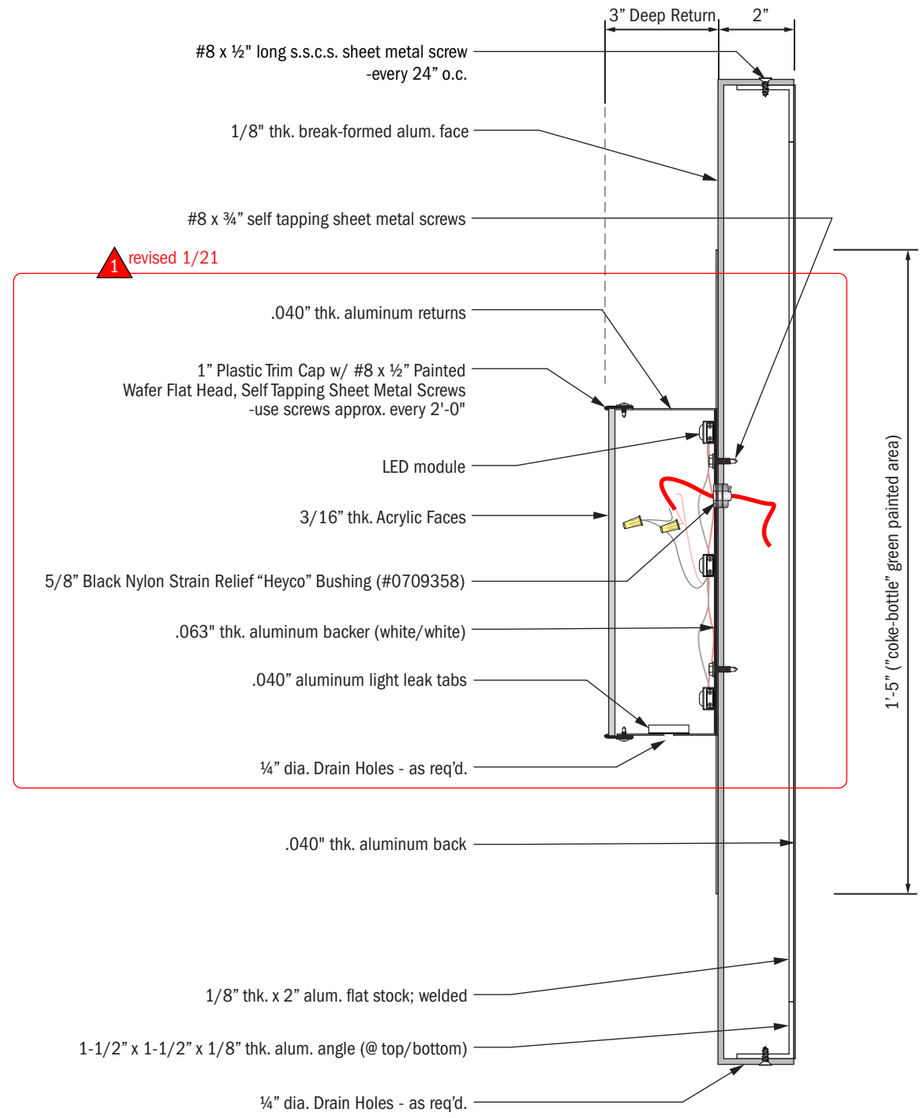
PROJECT NO.	TASK NO.	QTY.
83851-1	201153	shown

DWG. NO.	SHEET
0814MRO	A-100



1 SECTION DETAIL - "AR WORKSHOP LETTERS"
SCALE: 3" = 1'

NOTE: Some letters to have "floating centers"



2 SECTION DETAIL - DIY/PARTIES/DECOR LETTERS
SCALE: 3" = 1'

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Baltimore, Maryland 21226
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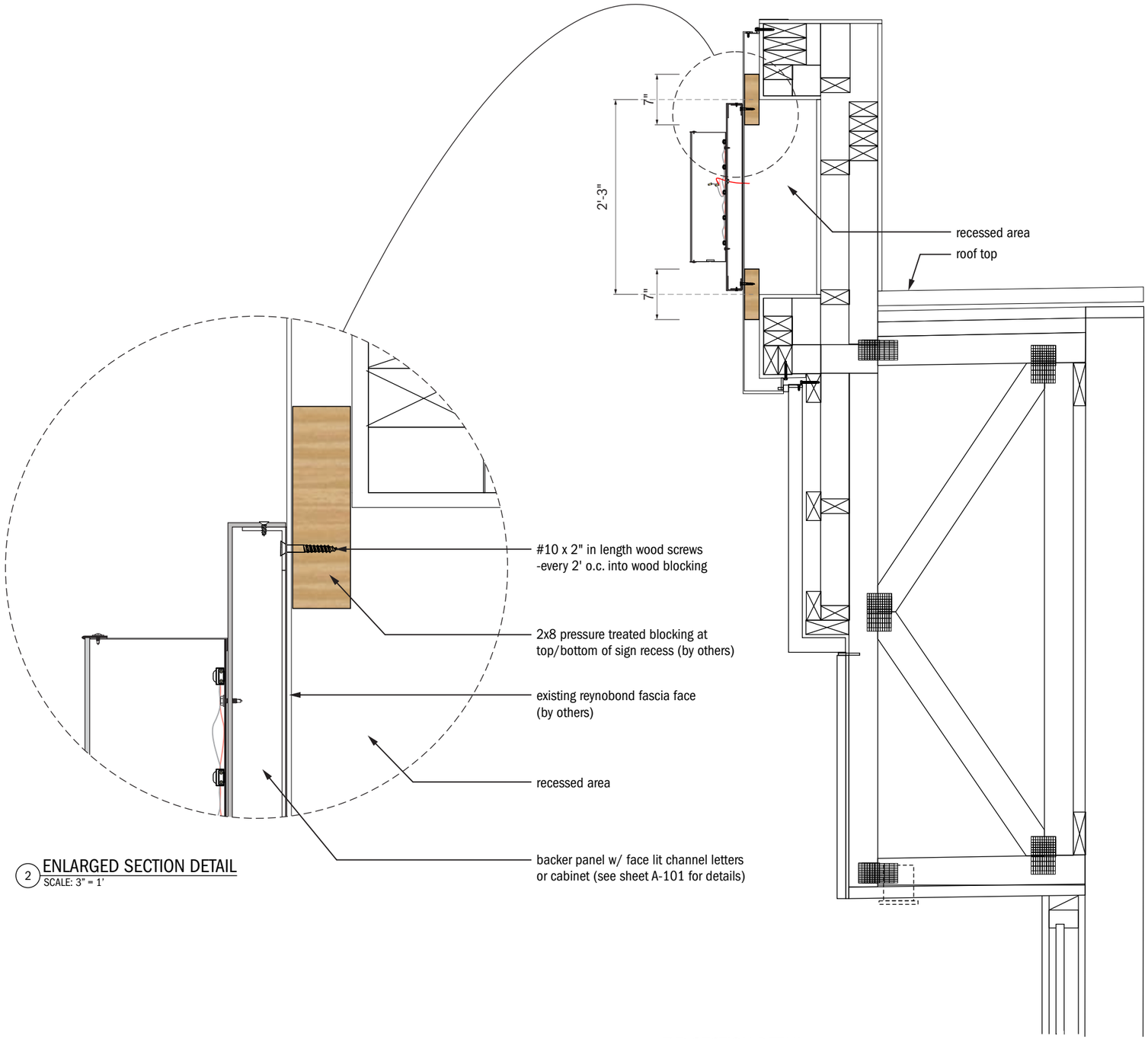
PROJECT TITLE: AR Workshop		
ORDER TITLE: RHBP - AR Workshop Storefront Signage		
CITY/STATE: Herndon, VA		
DRAWING DATE: 12/20/10	SALES REP: JJ	PROJECT MGR.: 00
ENGINEER OF RECORD SEAL/SIGNATURE/DATE:		

REVISION HISTORY

NO.	DATE	PREV DRWG	DESCRIPTION
1	1/21/20	0796MRO	3" DEEP CHANNEL LETTER

PROJECT TYPE: Internally Illuminated Channel Letters		
DRAWING TYPE: Arch. - Fabrication Details		
PROJECT NO.: 83851-1	TASK NO.: 201153	QTY.: 1 each
DWG. NO.: 0814MRO	SHEET: A-101	



2 ENLARGED SECTION DETAIL
SCALE: 3" = 1'

1 TYP. SECTION DETAIL
SCALE: 3/4" = 1'

Gable

A VISUAL SOLUTIONS COMPANY.

7440 Fort Smallwood Road
Baltimore, Maryland 21226
800.854.0568

PROJECT TITLE:
AR Workshop

ORDER TITLE:
RHBP - AR Workshop Storefront Signage

CITY/STATE
Herndon, VA

DRAWING DATE	SALES REP	PROJECT MGR.
12/20/10	JJ	00

ENGINEER OF RECORD SEAL/SIGNATURE/DATE:

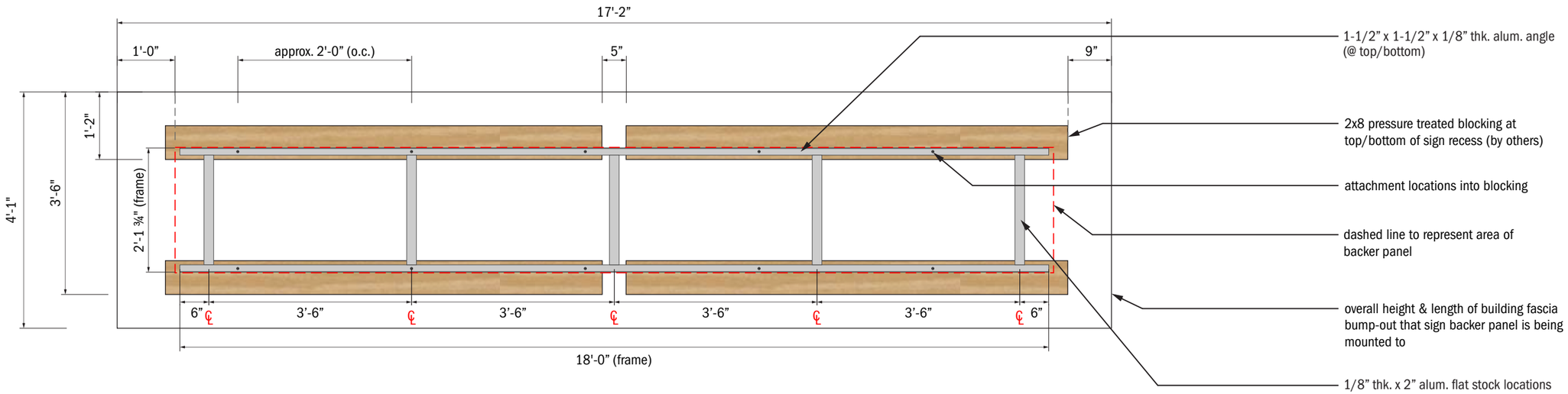
REVISION HISTORY			
NO.	DATE	PREV DRWG	DESCRIPTION

PROJECT TYPE:
Internally Illuminated Channel Letters

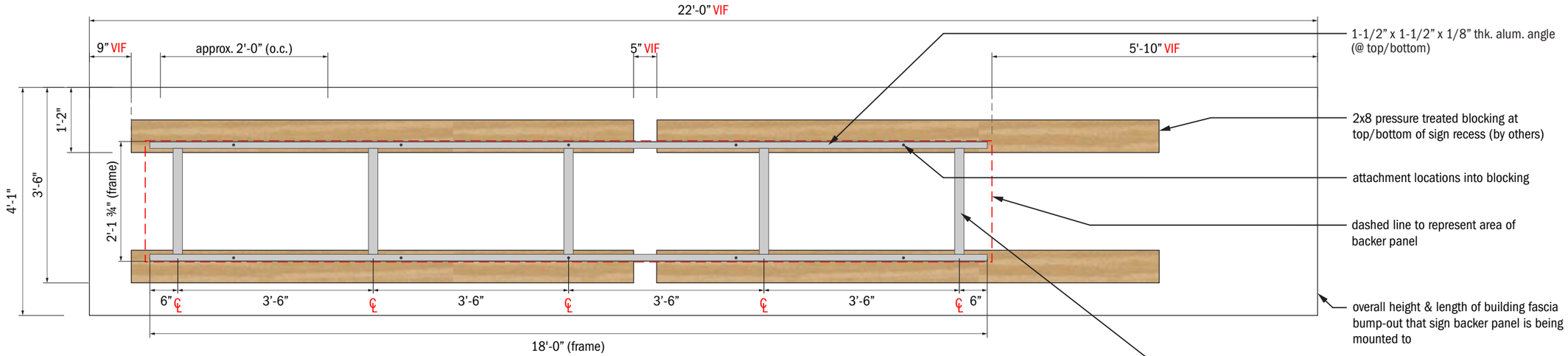
DRAWING TYPE:
Arch. - Attachment Details

PROJECT NO.	TASK NO.	QTY.
83851-1	201153	shown

DWG. NO.	SHEET
0814MRO	A-102



1 ELEVATION DETAIL - BLOCKING (BEHIND FASCIA OF "AR WORKSHOP" LETTERS)
SCALE: 1/2" = 1'



2 ELEVATION DETAIL - BLOCKING (BEHIND FASCIA OF "DIY/PARTIES/DECOR" CABINET)
SCALE: 1/2" = 1'

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Baltimore, Maryland 21226
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PROJECT TITLE: AR Workshop
ORDER TITLE: RHBP - AR Workshop Storefront Signage
CITY/STATE: Herndon, VA
DRAWING DATE: 12/20/10 | SALES REP: JJ | PROJECT MGR.: 00
ENGINEER OF RECORD SEAL/SIGNATURE/DATE:

REVISION HISTORY			
NO.	DATE	PREV DRWG	DESCRIPTION

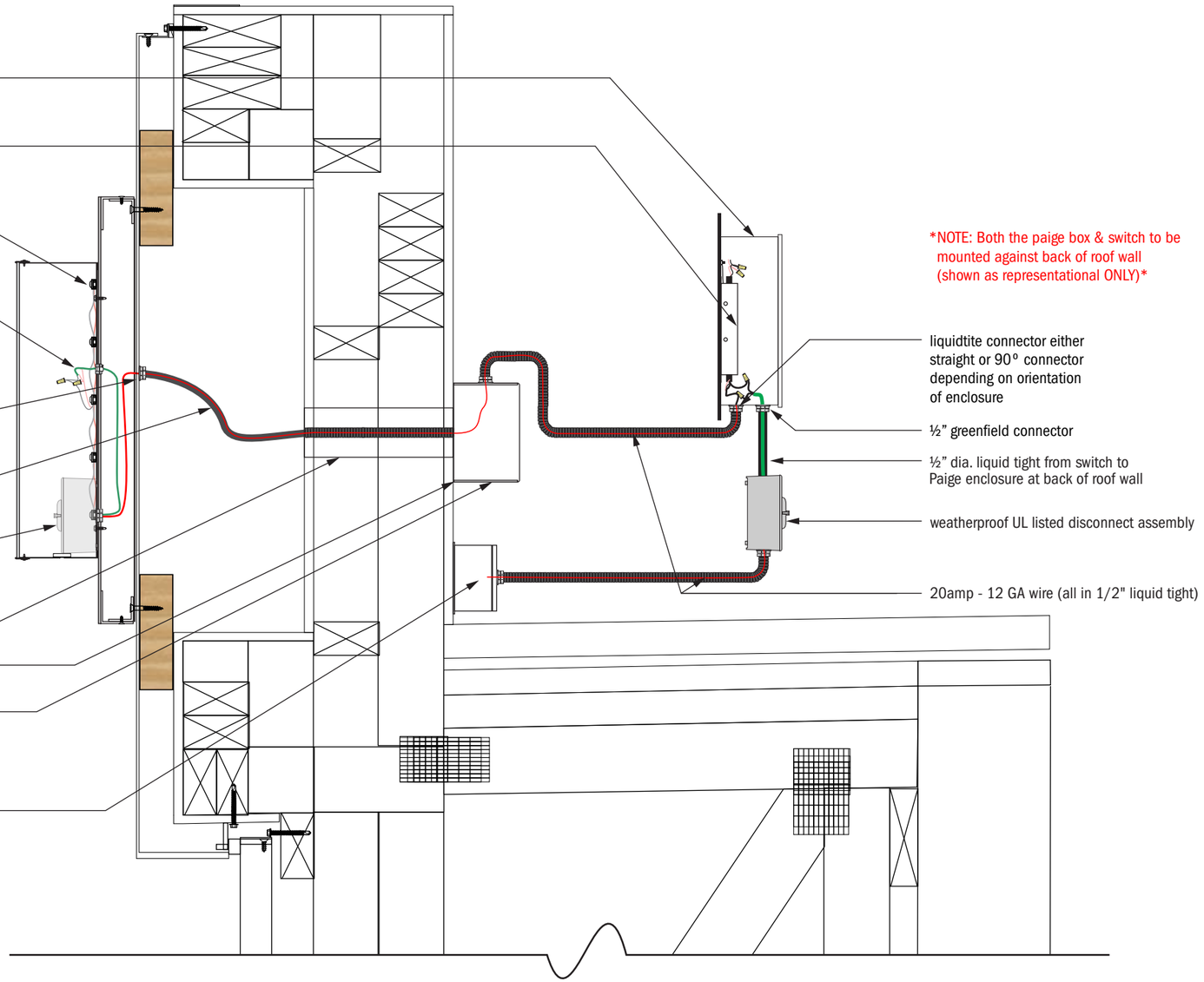
PROJECT TYPE: Internally Illuminated Channel Letters
DRAWING TYPE: Arch. - Blocking Details

PROJECT NO.	TASK NO.	QTY.
83851-1	201153	shown

DWG. NO.	SHEET
0814MR0	A-103

Listed Sign or Sign Section 600.3
-All electric signs shall be listed & installed in conformance with that listing
-Channel Letters with LED's, power supply and a disconnect switch
-Acceptable for wet, damp or dry locations.

■ **EXTERIOR**
□ **INTERIOR**



1 SECTION DETAIL
SCALE: 1-½" = 1'

NOTE:
CLASS 2 POWER SUPPLIES THAT HAVE NO PROVISIONS FOR ATTACHMENT OF EQUIPMENT GROUND ON THE LINE SIDE OR SECONDARY SIDE REQUIRES A METAL ENCLOSURE.

LED CIRCUITS FOR SIGN LETTERING PRESENTLY ARE GENERALLY AL DC. BECAUSE OF THIS, MANY LED COMPONENT MANUFACTURERS ARE USING BLACK WIRE FOR THE GROUND, WHITE FOR NEGATIVE OR NEUTRAL SIDE AND RED FOR THE POSITIVE SIDE. READ POWER SUPPLY INSTRUCTIONS CAREFULLY.

THE NEC 2005 ELECTRIC CODE ARTICLE 250, ARTICLE 600 AND ARTICLE 725 REQUIRE THAT ALL NON-CURRENT CARRYING METAL PARTS INCLUDING THE METAL LETTERS OF A SECTION SIGN MUST BE GROUNDED. THIS INCLUDES LOW VOLTAGE CIRCUITS OF LED ILLUMINATED SIGNS. MAKE SURE TO READ AND UNDERSTAND THESE SECTIONS PRIOR TO INSTALLATION.

ELECTRICAL SPECIFICATIONS	
VOLTAGE	120v
AMPERAGE	2.1 (1.05 per cabinet)
CIRCUIT INFO	(2) 20amp

REVISION HISTORY

NO.	DATE	PREV DRWG	DESCRIPTION

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PROJECT TITLE: AR Workshop
ORDER TITLE: RHBP - AR Workshop Storefront Signage
CITY/STATE: Herndon, VA

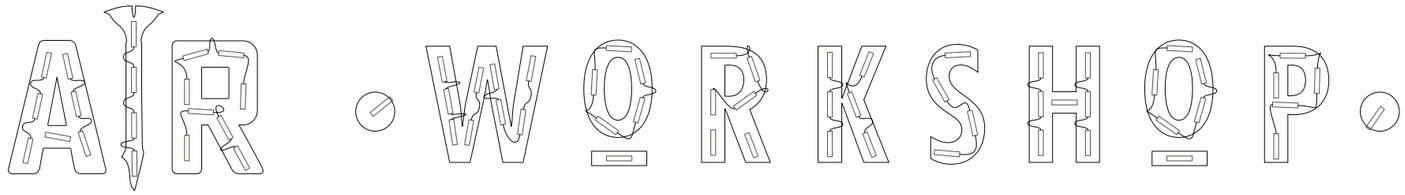
DRAWING DATE	SALES REP	PROJECT MGR.
12/20/10	JJ	00

ENGINEER OF RECORD SEAL/SIGNATURE/DATE:

PROJECT TYPE: Internally Illuminated Channel Letters
DRAWING TYPE: Electrical

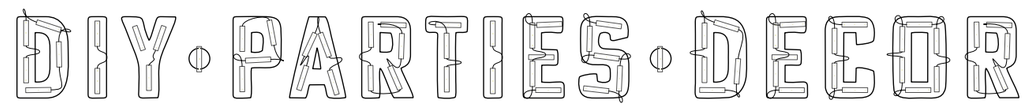
PROJECT NO.	TASK NO.	QTY.
83851-1	201153	shown

DWG. NO.	SHEET
0814MR0	E-100



Module type	standard white														
Letter	A	LOGO	R	●	W	O_	R	K	S	H	O_	P	●		Totals
Module #	7	4	8	1	9	6	6	6	4	7	6	5	1		70
Power supply	1(70)														1
Perimeter															53.3'

1 LED LAYOUT
SCALE: 3/4" = 1'



Module type	standard white																	
Letter	D	I	Y	●	P	A	R	T	I	E	S	●	D	E	C	O	R	Totals
Module #	5	2	3	1	4	4	5	3	2	5	5	1	5	5	4	6	5	65
Power supply	1(65)																	1
Perimeter																		42'

1 revised 1/21

2 LED LAYOUT
SCALE: 3/4" = 1'

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PROJECT TITLE: AR Workshop
ORDER TITLE: RHBP - AR Workshop Storefront Signage
CITY/STATE: Herndon, VA

DRAWING DATE	SALES REP	PROJECT MGR.
12/20/10	JJ	00

ENGINEER OF RECORD SEAL/SIGNATURE/DATE:

REVISION HISTORY

NO.	DATE	PREV DRWG	DESCRIPTION
1	1/21/20	0796MRO	3" DEEP CHANNEL LETTER

PROJECT TYPE: Internally Illuminated Channel Letters
DRAWING TYPE: LED Layout

PROJECT NO.	TASK NO.	QTY.
83851-1	201153	1 each

DWG. NO.	SHEET
0814MRO	E-101