

CERTIFICATE OF APPROPRIATENESS APPLICATION FORM



**PLANNING &
DEVELOPMENT
DEPARTMENT**

PROPERTY

Address 410 Main Street Houston Texas 77002

Historic District / Landmark Main Street Market Square Historic Commercial HCAD # 0010440000013

Subdivision Central Business District Lot TR3 SSBB Block BLK 44

DESIGNATION TYPE

- Landmark Contributing
 Protected Landmark Noncontributing
 Archaeological Site Vacant

PROPOSED ACTION

- Alteration or Addition Relocation
 Restoration Demolition
 New Construction Excavation

DOCUMENTS

- Application checklist for each proposed action and all applicable documentation listed within are attached

OWNER

Name ANNE K VASTAKIS

Company _____

Mailing Address 1820 Franklin St
Houston Texas 77002-2206

Phone 713.410.0277

Email _____

Signature 

Date 4/23/2015 0ACC876F015E464...

APPLICANT (if other than owner)

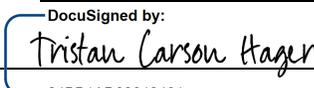
Name Tristan Hager

Company Niam 014 Managment, LLC

Mailing Address 410 Main Street
Houston Texas 77002

Phone 703.489.6466

Email _____

Signature 

Date 4/23/2015 24BB1AD62642481...

ACKNOWLEDGEMENT OF RESPONSIBILITY

Requirements: A complete application includes all applicable information requested on checklists to provide a complete and accurate description of existing and proposed conditions. Preliminary review meeting or site visit with staff may be necessary to process the application. Owner contact information and signature is required. Late or incomplete applications will not be considered.

Deed Restrictions: You have verified that the work does not violate applicable deed restrictions.

Public Records: If attached materials are protected by copyright law, you grant the City of Houston, its officers, agencies, departments, and employees, non-exclusive rights to reproduce, distribute and publish copyrighted materials before the Houston Archaeological and Historical Commission, the Planning Commission, City Council, and other City of Houston commissions, agencies, and departments, on a City of Houston website, or other public forum for the purposes of application for a Certificate of Appropriateness or building permit, and other educational and not for profit purposes. You hereby represent that you possess the requisite permission or rights being conveyed here to the City.

Compliance: If granted, you agree to comply with all conditions of the COA. Revisions to approved work require staff review and may require a new application and HAHC approval. Failure to comply with the COA may result in project delays, fines or other penalties.

Planner: _____ Application received: ___ / ___ / ___ Application complete: ___ / ___ / ___

CERTIFICATE OF APPROPRIATENESS APPLICATION INSTRUCTIONS



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Well in advance of the COA application deadline contact staff to discuss your project, application requirements, and, if necessary, to make an appointment to meet with staff for a project consultation. Visit the Historic Preservation Web Manual for historic district profiles, project guidance and forms.
www.houstontx.gov/HistoricPreservationManual

Historic Preservation Office

832.393.6556

historicpreservation@houstontx.gov

SUBMISSION INSTRUCTIONS

To submit application to Planning Department:

- email documents to historicpreservation@houstontx.gov (attachments must be less than 10MB)
- send a Dropbox shared folder invitation to historicpreservation@houstontx.gov, or
- contact staff to set up an appointment to drop off a disc or flash drive.

MEETING SCHEDULE

- Applications are due **22 calendar days** in advance of the HAHC meeting by **12 PM (noon)** on the deadline date. Exception: revisions to items deferred or denied at the previous HAHC meeting are due 15 days in advance of the scheduled meeting.
- Application deadlines are firm. All materials must be submitted by the deadline to be considered at the following HAHC meeting. Designs must be final at time of application; revisions will not be accepted after the deadline.
- HAHC will not accept new material or redesigns presented at the HAHC meeting. Deferral until the following month's meeting may be necessary in such cases to allow for adequate review by staff and commissioners.
- HAHC monthly meetings are held at 3:00 PM at City Hall Annex, 900 Bagby Street, City Council Chambers, Public Level.

2015 Meeting Dates (Thursdays unless noted otherwise)	COA Application Deadlines	Demolition / Relocation Posted Sign Deadlines
January 29	January 7	January 19
February 26	February 4	February 16
March 26	March 4	March 16
April 23	April 1	April 13
May 21	April 29	May 11
June 18	May 27	June 8
July 22 (Wednesday)	June 30	July 12
August 27	August 5	August 17
September 24	September 2	September 14
October 22	September 30	October 12
November 19	October 28	November 9
December 16 (Wednesday)	November 24	December 6

CERTIFICATE OF APPROPRIATENESS APPLICATION PART I – GENERAL FORM



**PLANNING &
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DEPARTMENT**

DEFINITIONS

Addition: any expansion to an existing building, structure or object.

Alteration: any change to the exterior of a building or structure, including adding, moving, removing or replacing an exterior feature.

Demolition: an act or process that destroys in whole, or a majority of, any building, structure, object or site.

Excavation: to expose, uncover, or remove by digging, cutting or hollowing out.

Exterior Feature: an element of the architectural character and the general arrangement of the external portion of a building, structure or object, including building materials.

Mandatory Repair: a repair of a building or structure that is necessary to comply with Article IX, Ch. 10, Houston Code of Ordinances, as evidenced by an order of the hearing official or the building and standards commission or by a citation.

New Construction: the erection of a new building, structure, or object, on a lot, site, or other property.

Relocation: any change in the location of a building, structure, or object.

Restoration: accurately recovering the form and detail of a building, structure, object, or site and its setting as it appeared at a particular period of time by means of the removal of later work, or by the replacement of missing earlier work, or both.

<i>To be completed by</i> PLANNING STAFF:	<i>Application received by:</i>	<i>Date:</i>
	<i>Accepted as complete by:</i>	<i>Date:</i>

CERTIFICATE OF APPROPRIATENESS ALTERATION & ADDITON CHECKLIST



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Well in advance of the COA application deadline contact staff to discuss your project and, if necessary, to make an appointment to meet with staff for a project consultation.

Complete all applicable items and submit with the COA application form. Staff can assist you in determining what items are required for your scope of work. An incomplete application may cause delays in processing or may be deferred to the next agenda. Application materials must clearly represent current and proposed conditions. Refer to Houston Code of Ordinances, Ch. 33 VII, Sec. 33-241 for approval criteria for alteration, rehabilitation, restoration and additions.

PROPERTY ADDRESS:

BUILDING TYPE

- | | |
|---|--|
| <input type="checkbox"/> single-family residence | <input type="checkbox"/> garage |
| <input type="checkbox"/> multi-family residence | <input type="checkbox"/> carport |
| <input checked="" type="checkbox"/> commercial building | <input type="checkbox"/> accessory structure |
| <input type="checkbox"/> mixed use building | <input type="checkbox"/> other |
| <input type="checkbox"/> institutional building | |

ALTERATION TYPE

- | | |
|--|---|
| <input type="checkbox"/> addition | <input type="checkbox"/> roof |
| <input type="checkbox"/> foundation | <input type="checkbox"/> awning or canopy |
| <input type="checkbox"/> wall siding or cladding | <input checked="" type="checkbox"/> commercial sign |
| <input type="checkbox"/> windows or doors | <input type="checkbox"/> ramp or lift |
| <input type="checkbox"/> porch or balcony | <input type="checkbox"/> other |

WRITTEN DESCRIPTION

- property description, current conditions and any prior alterations or additions
- proposed work; plans to change any exterior features, and/or addition description
- current building material conditions and originality of any materials proposed to be repaired or replaced
- proposed new materials description; attach specification sheets if necessary

PHOTOGRAPHS label photos with description and location

- elevations of all sides
- detail photos of exterior elements subject to proposed work
- historical photos as evidence for restoration work

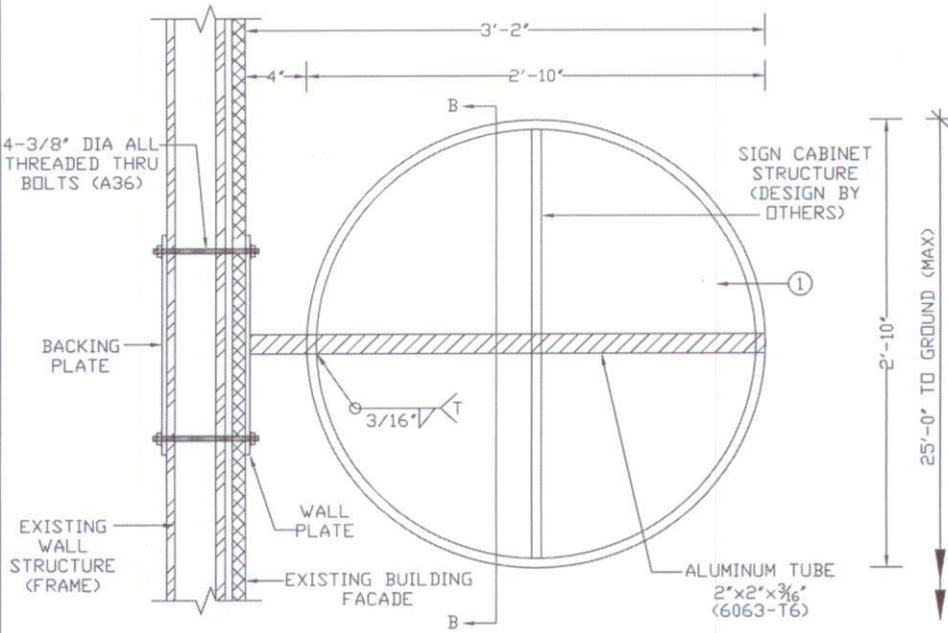
DRAWINGS scale like drawings the same; include all dimensions and drawing scale; label with cardinal directions

- | | |
|--|--|
| <input checked="" type="checkbox"/> current site plan | <input type="checkbox"/> demolition plan |
| <input type="checkbox"/> proposed site plan | <input type="checkbox"/> current roof plan |
| <input type="checkbox"/> current floor plans | <input type="checkbox"/> proposed roof plan |
| <input type="checkbox"/> proposed floor plans | <input type="checkbox"/> current elevations (all sides) |
| <input type="checkbox"/> current window and door schedule | <input type="checkbox"/> proposed elevations (all sides) |
| <input type="checkbox"/> proposed window and door schedule | <input checked="" type="checkbox"/> perspective and/or line of sight |

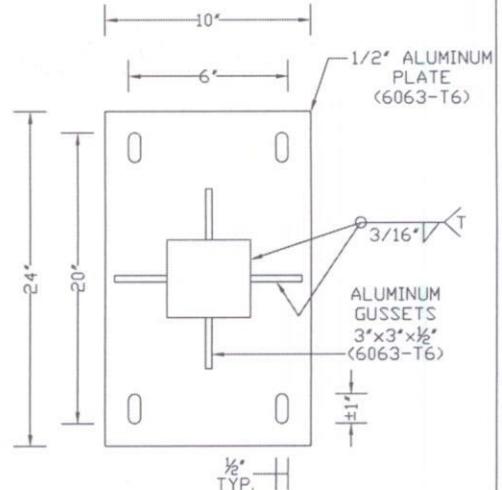
IMPORTANT NOTE:

BOLTS SHALL NOT BE CONNECTED TO EXISTING BUILDING FACIA, BRICK OR STONE VENEER (EXISTING BUILDING FACADE) AT ANY LOCATION.

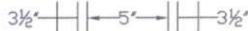
FRONT VIEW



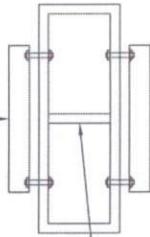
WALL PLATE DETAILS



SECTION B-B



MIN 4-3/8" DIA BOLTS PER CHANNEL LETTER



SIGN CABINET STRUCTURE (DESIGN BY OTHERS)

Design Support Structure

Section	Area (sq ft)	Shape Factor	Load (psf)	Force	Moment
1 (WL)	7.00	1	30	210	420
1 (DL)	7.00	1	10	70	140
				280	560

$S > M / F_b = 560 \times 12 \times 1.5 \text{ (SF)} / 1 \times 20000 = 0.5 \text{ cu in}$

Use Square Aluminum Tube 2 in x 2 in x 3/16 in (6063-T6)

Design Wall Connection (BOLTS)

Bolt Tension = $560 \times 12 \times 1.5 \text{ (SF)} / 2 \text{ (bolts/side)} \times 5 \text{ in (spc)} = 1008$

Bolt Area (required) $> 1008 / 36000 = 0.03 \text{ sq in}$

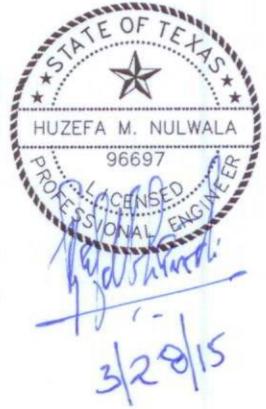
Try 3/8 in Diameter Bolts ; A = 0.11 sq in ; C = 1.17 in

Use 4 - 3/8 in Diameter All Threaded Thru Bolts (A36)

Use Aluminum Plate 24 in x 10 in x 1/2 in (6063-T6)

NOTES:

- DESIGN IS BASED ON 2006 IBC - WIND SPEED OF 110 MPH (3-SEC GUST), EXPOSURE C, IMP FACTOR=1.0
- THIS DESIGN IS INTENDED TO BE INSTALLED AT THE ADDRESS SHOWN AND SHALL NOT BE USED AT ANY OTHER LOCATIONS UNLESS CERTIFIED BY A PROFESSIONAL ENGINEER.
- ENGINEER IS NOT THE ENGINEER OF RECORD FOR THE OVERALL PROJECT AND SHALL ONLY BE RESPONSIBLE FOR THE DESIGN OF SIGN STRUCTURE FOR WHICH CALCULATIONS ARE SHOWN ON THIS PAGE. (SIGN CABINET DESIGN SHALL BE PROVIDED BY OTHERS).
- ALL HSS TUBE SECTIONS SHALL MEET ASTM A500 GRADE-B WITH MINIMUM $F_y=46 \text{ KSI}$.
- ALL OTHER STEEL INCLUDING CONNECTION PLATES, ANGLES, ETC. SHALL MEET ASTM A36 WITH MINIMUM $F_y=36 \text{ KSI}$.
- ALL ALUMINUM USED SHALL BE GRADE 6063-T6 WITH MINIMUM $F_y=20 \text{ KSI}$.
- STRUCTURAL BOLTS SHALL CONFORM TO ASTM A325 UNLESS OTHERWISE NOTED.
- ALL STEEL WELDING SHALL BE MADE WITH E70xx ELECTRODES AND SHALL BE PERFORMED BY CERTIFIED WELDERS IN ACCORDANCE WITH AWS STANDARDS.
- ALL ALUMINUM WELDING SHALL BE MADE WITH E40xx ELECTRODES AND SHALL BE PERFORMED BY CERTIFIED WELDERS IN ACCORDANCE WITH AWS STANDARDS.
- SIZE AND NUMBER OF BOLTS ARE MINIMUM RECOMMENDED AND SHALL BE INCREASED DEPENDING ON FIELD CONDITIONS TO SECURE SIGN FIRMLY ONTO EXISTING BUILDING STRUCTURE.
- BOLTS SHALL BE CONNECTED TO EXISTING BUILDING STRUCTURE (FRAME) AT ALL LOCATIONS.
- EXISTING BUILDING STRUCTURE INFORMATION NOT PROVIDED BY SIGN CONTRACTOR.
- ANALYSIS OF EXISTING BUILDING STRUCTURE TO SUPPORT PROPOSED LOADS NOT IN SCOPE OF SMB ENGINEERING, LLC AND DESIGN ENGINEER AND HENCE NOT PERFORMED AND PROVIDED.
- SMB ENGINEERING, LLC AND DESIGN ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR DAMAGE CAUSED TO EXISTING BUILDING DUE TO ADDITION OF PROPOSED LOADS.



SMB
ENGINEERING, LLC

WWW.SMBENGINEERING.NET
TEL: 832-443-7328

TEXAS REGISTRATION NUMBER : F-10116

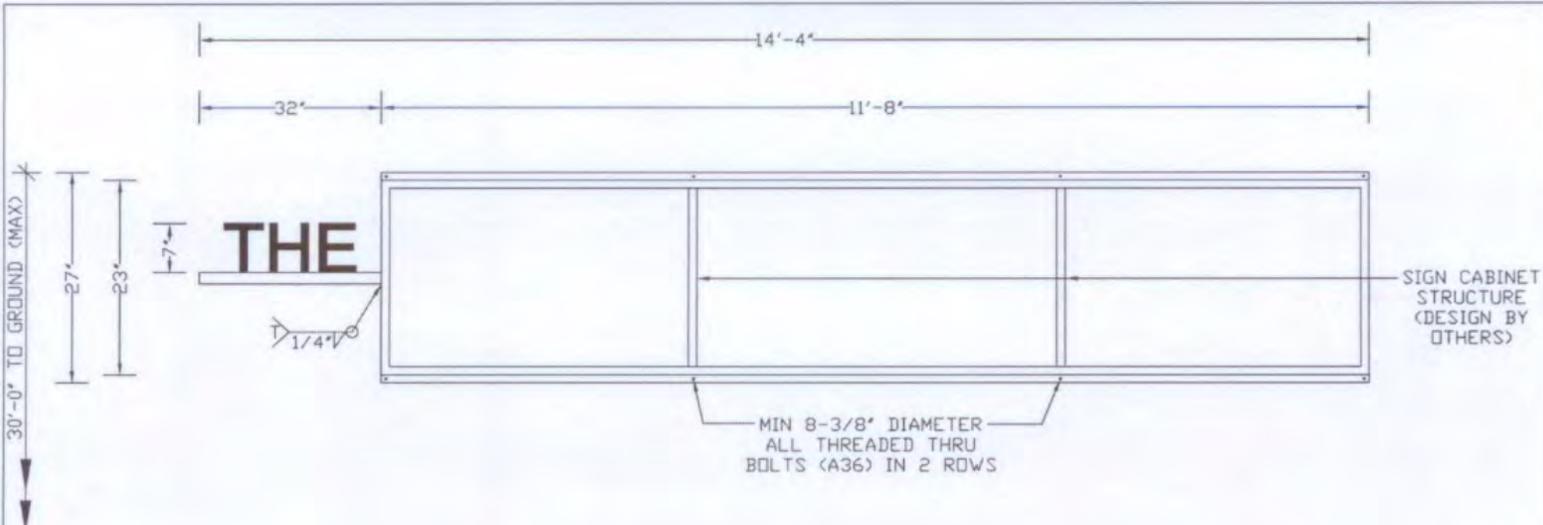
ACE ELECTRIC
SIGN

14000 SCHILLER ROAD,
HOUSTON, TX 77082

COMMONER

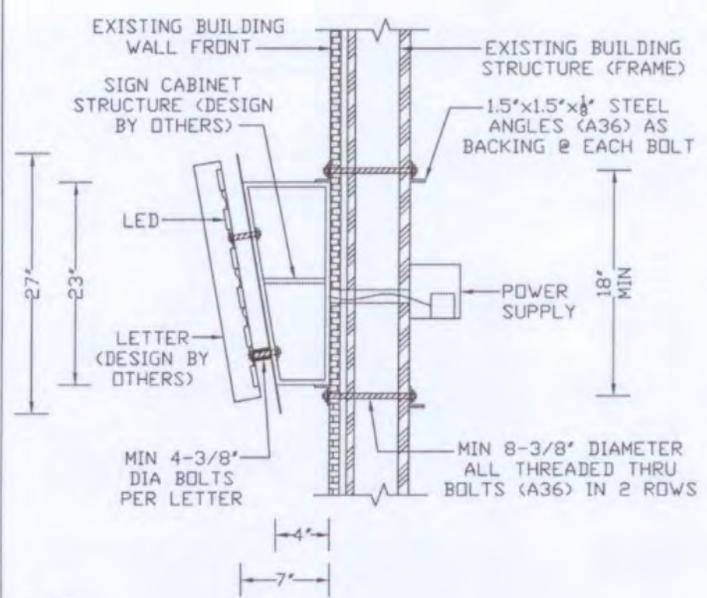
410 MAIN STREET,
HOUSTON, TX

SCALE : NTS
DRAWN BY : HMN
DATE : MAR 2015
PROJECT : 15-435
REV: 0
PAGE : 1 OF 1



SIGN CABINET STRUCTURE (DESIGN BY OTHERS)

SECTION



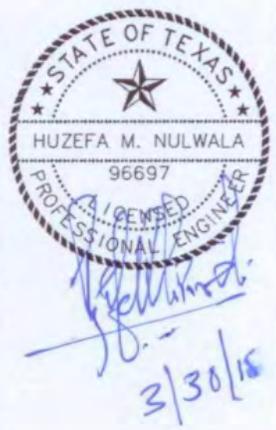
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Design Wall Connection (BOLTS)	
Overall Letter Area =	14.33 ft x 2.25 ft = 32.25 sq ft
Shape Factor =	1.0
Wind =	30 psf
Force =	32.25 x 1 x 30 = 968 lbs
Moment =	968 x 2.25 / 2 = 1089
Bolt Tension =	1089 x 12 x 1.5 (SF) / 4 (bolts/ side) x 18 in (min spacing)
Bolt Tension =	19602 / 72 = 272
Bolt Area (required) >	272 / 36000 = 0.01 sq in
Try	3/8 in Diameter Bolts ; A = 0.11 sq in ; C = 1.17 in
Use Min 8 - 3/8 in Diameter All Threaded Thru Bolts (A36) in 2 Rows	
Use 1.5 in x 1.5 in x 1/8 in Steel Angles (A36) as Backing @ Each Bolt	

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TEL: 832-443-7328
TEXAS REGISTRATION NUMBER : F-10116

ACE ELECTRIC SIGN
14000 SCHILLER ROAD,
HOUSTON, TX 77082

THE BOULEVARDIER
410 MAIN STREET,
HOUSTON, TX

SCALE :	NTS
DRAWN BY :	HMN
DATE :	MAR 2015
PROJECT :	15-439
REV:	0
PAGE :	1 OF 1

