



Office of the City Clerk

City Hall
121 N. LaSalle St.
Room 107
Chicago, IL 60602
www.chicityclerk.com

Legislation Text

File #: Or2014-41, Version: 1

City Council Meeting Buildings Date: H Committee on

(signs)

ORDERED, That the Commissioner of Buildings is hereby directed to issue a sign permit to: (Contractor's name and address)

Ad n tanxc ^iao to
toK tfc UVPVT Aft n Art o Rn^ ioi
?lrxtnrV-Iri ti (qQ^5

for the erection of a sign / signboard over 24 feet in height and / or over 100 square feet (in area of one face) at: (Business NAME & ADDRESS)

Dimensions: Leng< f fib'-Q" Height

' Height above grade / roof to top of signal/ FfoiM GidA 0(5 To Sc/fo/K) TOTAL SQUARE FOOT AREA / 5 O ^CjKj6jfl£ Such sign(s) shall comply with all applicable provisions of TITLE 17 of the Chicago Zoning Ordinance and all other applicable provisions of the Municipal Code of the City of Chicago governing the construction and maintenance of outdoor signs, signboards and structures. //

Sign Permit Application

APPLICATION NUMBER 100524516

DRAWINGS ATTACHED j-j

Yiis NO

FLAT OR BOX

ADDRESS OF SIGN

4537 S ARCHER AVE, 60632-

FT.

23

IN.

0

FT.

6

IN.

6

SQ.FT.

150

LBS.

500

type of permit _{mw} CONSTRUCTION (SIGN)

PAYER OF ANNUAL INSPECTION

STILLMAN, HOWARD

2917 WEST IRVING PARK ROAD CHICAGO.IL 60618

(773)737-4843

SIGN HEIGHT ABOVE GRADE/ROOF

SHAPE OF SIGN REGULAR

SIGN WILL READ

CAR OUTLET

FT.

32

SIGN MANUFACTURER

AD DELUXE SIGN COMPNY

TICKET NUMBER

ADDRESS WHERE SIGN CAN BE SEEN PRIOR TO ERECTION
REINSPECTION CONTROL NUMBER

TYPE OF SUPPORT FOR SIGN POLE

SIGN BOARD SUPPORT MEMBERS STEEL

NO. OF LAMPS 48

TOTAL WATTAGE 4800

type of lamp FLUORESCENT

NO. OF BALLAST/TRANSFORMERS 8

INPUT OF TRANSFORMERS 120

CONTRACTOR WILL INSTALL INI FEEDERS CUSTOMER LEADS

KNIFE

TYPE OF SWITCH

ANNUAL FEE CONSTRUCTION FEE 1017 B FEE TOTAL FEE AMOUNT PAID BALANCE DUE

LOCATION OF SWITCH OUTSIDE SIGN

SIGN LOCATION

FURNISH AND INSTALL 6'-6" X 23' DOUBLE FACE POLE SIGN ON TWO POLES 32' FROM GRADE TO BOTTOM OF SIGN. COPY WILL READ "CAR OUTLET".

The underpinned certify that the statements in this annlicatinn are true and correct and that all work done under the nronnsed permit will conform to the rennirements of the Chica.no <http://Chica.no> Mnnicinal Code

reg. no. E68756

ELECT CONTR FULLER-BURRELL ELECTRIC CONTRA ELECTR

ADDRESS 1424 N.LUNA AVE. CHICAGO, LL 60651-

SUPERVISOR SIGNATURE _

5

SIGN ERECTOR

AD DELUXE SIGN CO INC.

ADDRESS
SIGNATURE

23856 W ANDREW RD STE103 PLAINFIELD IL, 60585-

The permit issued on this application will authorize only signs here applied for. If other signs are to be erected they must be covered by additional permits

City of Chicago

Rahm Emanuel, Mayor

Department of Buildings Michael Merchant, Commissioner

ThQ pfbm apt* u/fr prvwm l

Other: CAR DEALERSHIP

Name: 4537 S ARCHER AVE

LIC#:

Renewal

Projects Over: Private Property Public Way

Grant Permit*: 1110394

ITU YES

SIGN BOND REQUIRED?

COUNCIL ORDER REQUIRED

IS SPECIAL PERMISSION REQUIRED FROM CHIEF ELECTRICMi yes

if yes, attach letter of request

I I Planned Development/Manufacturing PMD/PD#:

Zoning District: C1

Other: C1-2

TYPE OF SIGN: | ADVERTISING

BUSINESS

IXI ILLUMINATE I | FLASHING

TOTAL STREET FRONTAGE OF LOT (IN FEET)

TOTAL AREA OF NEW SIGN (SQ.FT.)

TOTAL AREA OF ALL SIGNS ON LOT (SQ.FT.)

HEIGHT OF SIGN ABOVE GRADE (TO TOP)

DISTANCE OF CURB LINE OUTER EDGE (ft) DISTANCE OF STRUCTURE INNER EDGE (ft)

DISTANCE FROM (ft):

A. PUBLIC PARK (OVER 10 ACRES)

B. EXPRESSWAY (IF LESS THAN 1,000 FT.)

C. RESIDENCE DISTRICT (ADVERTISING SIGNS ONLY)

IF REPLACEMENT SIGN OR CHANGE OF FACE, WHAT DOES THE EXISTING SIGN READ?

Original Payee:

Landmark Hold: Q Status:

ZONING (OFFICE USE ONLY)

PS PT3PM AT>P WEHPTVWVJII

CITY OF CHICAGO DEPARTMENT OF ZONING AND LAND USE PLANNING SIGN SITE PLAN (ALL INFORMATION MUST BE COMPLETED AND LEGIBLE).

She applications Address: of applications Sign Company: AD DRUXfe ■ QlfaQ Oo Rep Name: AflMEf D&rYilk Phone (2>| ^)55(g -%^(g^l EXT (Itefoiw Building, streets and location of sign on Mar structure)

East

Norm

South

SIGN USE:

Bus. ID (On-premise)

West

TYPE OF SIGN: Flat Wall

□ □ □ □ □ □

Adve. (On-premise) □

□ □ □

Awning Marquee

*High Rise Building Projecting Private Projecting Public Way Public Way Use -Permit**

mc>WT

PERMIT TYPE: New Construction

SIGN CHARACTERISTICS: Non- Illuminated □ Unilluminated Changing Image Video Display Flashing

DISTANCE FROM:

□

Expressway, Toll Roads or Major Route (n/a if over 1000 ftK JDO Park (over 10 acres)!/"DO

Residential Zone J^2 Existing Of&premise on same side of street 10 Q

Curb Line: Q^l

Previous Permit #

TOTAL SQUARE FOOTAGE:

Square footage of this proposed sign _____

Gross area of all proposed signs ffi

Area of all existing signs .

fn^aududinjipi^opose^mZMa^IxA^ SO

Signature

(Revised 4/10)

01/09/2014-Stan Adams

DBA Name

Location Zip Code Account Number Site Number Area

Permit Type Permit Number

4537 S. ARCHER. LLC

4537 S. ARCHER AVE.

60632

66905

13

PERMIT

SIGN

1110394

Next steps: Department of Buildings - Permit process for signs

Your Public Way Use permit number is shown above. This number is to be used for each item on your DOB application and is needed for the Buildings (DOB) online sign application located @ www.cityofchicago.org/buildings <<http://www.cityofchicago.org/buildings>>. All signs, canopies, banners, marquees and awnings require a buildings permit. Only a licensed sign erector may apply for the Buildings permit online. The Buildings permit application will ask for the Public Way Use permit number supplied above. For additional information please contact the Buildings Department at (312) 744-3400.

Please return the completed Public Way Use application to City Hall -121 N. LaSalle Street, Chicago, IL 60602 Room \$00. The completed application package must include a copy of the completed DOB application and the Public Way Use application. The Public Way Use application must contain the Alderman's signature, site plans on 8 1/2 X 11 paper, photos of the item(s), the signed Acceptance letter and a copy of the insurance certificate. For additional information please contact BACP at (312)-74-GOBIZ (312-744-6249).

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Empty Lot

Zoning data reflects an ordnances oasse'd in the most recent Gilv Council maelingslj Copyright;(c) 201 «y,'o^Chfca'g6""^=a.■

Zoning Map

4537 S ARCHER AVE

Zoning ■. Business

| Commercial . | Manufacturing/. |' | Residential |.Planned Development

\ Planned Manufacturing | IMI Downtown Core ' . I: Downtown Service | Dowhtown Mixed : ■ |' | Downtown Residential M6B Transportation IT/; I; Parks
'& Open Space Fi'Zoning Boundaries'

Historic Preservation":.' CHICAGO LANDMARKS | Chicago Landmarks landmark Districts

Chicago Historic Resources- ' . Survey- Build ihgs; subject to Demolition-Delay Ordinance
n Red

|f ' | Orange ' . ■ | j. Water ■'

Cemetery .. . : .'

Mil'Lakefront ■

Pedestriani Streets, .Buildings. | | Parcels ^/ Streets ■ /v". Curbs . | | Forest Preserve,, ..':..: ^ Aerials (April 2008)

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I hereby verify that this document was prepared by me or under my direct supervision and that I am a duly Licensed Structural Engineer.

THESE DESIGNS HAVE BEEN PREPARED UNDER MY DIRECT SUPERVISION

License Expires 11-304014

This document is permanently bound. The staples used must not be removed. If any modifications are made, this sealed document is no longer valid.

93Q pitner Avenue, Suite #7 ■ Evanston, Illinois 60202

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k3

.017k/ft
"f

Loads: D+W 1,1;4D	LC Results	4, for	Service: LC
Moshe Calamaro and Ass... CJG 114004 <i>Column: M1</i>	Car Outlet Sign Post Member and joint labels with applied loads	SK-i	Jan 15, 2014 at 2:25 PM 114004 Sign 03.r3d

Shape. HSS14x0.5 Material: A500 Gr.42 Length: 38.5 ft Uoinf <[http://Uoinf](#)>. N1 <[http://N1](#)>. J Joint: N2
LC 2:1.2D+1.6WX +1.4 NLX. Code Check. 0.547 (bending) Report Based On 97 Sections

4.564 at 0 ft

.058 at 38.5 ft

145.249 at 0ft

k-ft

26.934 at 0 ft

.248 at 0 ft

-26.934 at 0 ft

**AISC 13th(360-05): LRFD Code Check Direct Analysis Method
Compact Compact**

Max Bending Check 0.547 Location Oft Equation H1-1b

Bending Flange Bending Web

0.020 (s)

Oft

L/42

Non-Slender Non-Slender

Fy

phi*Pnc

phi*Pnt

phi*Mny

phi*Mnz

phi*Vny

phi*Vnz

phi*Tn

Cb

42 ksi 421.996 k 748.44 k 268.38 k-ft 268.38 k-ft 224.532 k 224.532 k 252.901 k-ft 1

Lb KL/r

y-y

38.5 ft 96.589

L Comp Flange Warp Length L-torque Tau b

z-z

38.5 ft 96.589

38.5 ft NC

38.5 ft 1

Column:

Shape: HSS14x0.5

Material: A500 Gr.42 ■

Length: 38.5 ft :

I Joint: MI .',

J Joint: N2

LC 4: Service: D+W

Code Check: 0.340 (bending)

Report Based On 97 Sections

2.835 at Oft

.018 at 38.5 ft

89.912 at Oft

k-ft

16.672 at 0ft

.207 at 0 ft

-16.672 at 0 ft

AISC 13th(360-05): LRFD Code Check

Max Bending Check 0.340 Location 0ft Equation H1-1b

Bending Flange Compact Bending Web Compact

0.013 (s)

0ft
U85

Non-Slender Non-Slender

Fy

phi*Pnc

phi*Pnt

phi*Mny

phi*Mnz

phi*Vny

phi*Vnz

phi*Tn

Cb

42 ksi 421.996 k 748.44 k 268.38 k-ft 268.38 k-ft 224.532 k 224.532 k 252.901 k-ft 1

Lb KL/r

y-y

38.5 ft 96.589

L Comp Flange Warp Length

z-z

38.5 ft 96.589

38.5 ft NC

Moshe Calamaro & Associates / Structural Engineers

,930 Pitner Ave., Ste. #7, Evanston, IL 60202 Phone: (847) 733-0015 Fax: (847) 733-0018

© Moshe Calamaro & Associates

Job: Car Outlet Sign . MC# 114004 H^.-V. Calc by: CJG; , Date: 1/15/2014 Check by: Date:

Pier Embedment based on IBC 2006 1805.7.2.1 ~T-QC

lftO?.3. 2.-()

Minimum pier for sign columns .

P= M=

equiv. h=

lbs

lb-ft

ft

b=

lateral bearing

1.13

www.hiltius <http://www.hiltius>

Company. Specifier: Address: . Phbne'LFax; E-Mail:

' Moshe Calamaro and Associates, Inc: CJG

930 Pitner Avenue Suite#7 (847) 733-0015 | (847) 733-0018 . mostte@moshecal.com <mailto:mostte@moshecal.com>

Page: ■ Project:

Sub-Project I Pos. No.:

Date: ,

Car Outlet Sign :.'

114004
1/15/2014

Specifier's comments:

1 Input data

Anchor type and diameter: Effective embedment depth: Material: Proof:

Stand-off installation: Anchor plate: Profile:

Base material: Reinforcement:

Seismic loads (cat. C, D, E, or F) Geometry [in.] & Loading [kip, ft.kip]

Tc^ 27-1 k 1^0

Heavy Hex Head ASTM F 1554 GR. 36 1 1/4

he_e = 24.000 in. ASTM F 1554

design method ACI318-08 / CIP e_b = 0.000 in. (no stand-off); t = 0.750 in.

l_x x l_y x t = 22.000 in. x 22.000 in. x 0.750 in.; (Recommended plate thickness: not calculated) S shape (AISC); (L x W x T x FT) = 3.000 in. x 2.330 in. x 0.170 in. x 0.260 in. cracked concrete, 2500, f_c" = 2500 psi; h = 420.000 in. tension: condition B, shear: condition B; edge reinforcement: none or < No. 4 bar no

S3.-7+ Z" cx>^ +

Www.hilti.us <http://Www.hilti.us>

Company: Specifier. . Address: ... Phone | Fax: e-Mail:

Moshe. Calamaro and Associates, Inc. CJG
 930 Prther Avenue Suite #7
 (847) 733-0015 | (847) 733-0018 :V:
 mpshe@moshecai.com <mailto:mpshe@moshecai.com>..

Page: Project:
 Sub-Project | Pos. No.: Date::

Prof is Anchor 2.4.5

i
 : Car: Outlet Sign : 114004 1/15/2014

2 Load case/Resulting anchor forces

Load case: Design loads

Anchor reactions [kip]

0.566 0.566 0.566 0.566 0.566 0.566 0.566 0.566 0.40 [%<.] 1721 [psi] 104.314 [kip] 107.994 [kip]

Tension force: (+Tension, -Compression)

Anchor Tension force Shear force

1	27.8830.566
2	10.3320.566
3	0.0000.566
4	27.8830.566
5	0.0000.566
6	27.8830.566
7	10.3320.566
8	0.0000.566
8	max. concrete compressive strain:

max. concrete compressive stress: resulting tension force in (x/y)=(-7.217/0.000): resulting compression force in (x/y)=(9.099/0.000):

3 Tension load

Load N_{ua} [kip]

67 90 70 N/A

Capacity N_n [kip] Utilization $pn = N_n / N_n$

27.883 42.151

27.883 31.318

104.314 149.698

N/A N/A

'anchor group (anchors in tension)

Status

OK OK OK N/A

$(frNs, [kip]$

42.151

3.2 Pullout Strength

44.740

N_P [kip]

3.3 Concrete Breakout Strength

A_{Nc} [in.²] :: A_{Nc0} [in.²]

5184.00
 $V_{ec1,N}$

0.952 *f*
0.700

$\frac{7290.00 e_{c1,N} [in.]}{1.817}$

$N_b [kip]$ 159.750

Cytiinlin-l

$e_{a,N} [in.]$

0.000

$\langle j \rangle N_{cbg} [kip]$ 149.698

$C_{ac} [in.]$
0.000

1.000

$N_{ua} [kip]$ 104.314

-.065kffi

Loads:
Results for LC 1,1.4D

LC

4,

Service:

D+W

Moshe Calamaro and Ass.,
Car Outlet SignoF^C^M
Beam: Outrigger

Shape: PIPE_4.0 • V:
Material: AS3 Gr.B -
Length: 23 ft
I Joint: N1 - ■
J Joint: N2 ■
LC 2: 1.2D+1.6WX
Code Check: 0.608 (bending)
Report Based On 97 Sections

1.315 at 8.385 ft

vy

-1.315 at 14.615 ft

5.607 at 14.375 ft

25.6 at 14.375 ft

ksi

-25.6 at 14.375 ft

AISC 13th(360-05): LRFD Code Check Direct Analysis Method

Max Bending Check 0.608

Location 14.375 ft

Compact Compact

Equation H1-1b

Bending Flange Bending Web

0.054 (s) 8.385 ft L/122

Non-Slender Non-Slender

Fy

phi*Pnc

phi*Pnt

phi*Mny

phi*Mnz

phi*Vny

phi*Vnz

phi*Tn '

Cb

35 ksi 20.226 k 93.24 k 10.631 k-ft 10.631 k-ft 27.972 k 27.972 k "10.011 k-ft 1

Lb KL/r

y-y
23 ft 181.829

L Comp Flange 23 ft
Warp Length NC
L-torque 23 ft
Tau b 1

z-z 23 ft 181.829

Beam: Outrigger

Shape: PIPE_4.0
Material: AS3 Gr.B
Length: 23 ft
1 Joint: N1
J Joint: N2
LC 4: Service: D+W
Code Check. 0.415 (bending)
Report Based On 97 Sections

.822 at 8.385 ft

Vy

-.822 at 14.615 ft

2.684 at 8.625 ft

17.476 at 8.625 ft

ksi

-17.476 at 8.625 ft

AISC 13th(360-05): LRFD Code Check Direct Analysis Method

Max Bending Check 0.415

Location 8.625 ft

Compact Compact
Equation H1-1b

Bending Flange Bending Web

0.037 (s) 14.615 ft L/196

Non-Slender Non-Slender

Fy
phi*Pnc
phi*Pnt
phi*Mny
phi*Mnz
phi*Vny
phi*Vnz
phi*Tn
Cb
35 ksi 20.226 k 93.24 k 10.631 k-ft 10.631 k-ft 27.972 k 27.972 k 10.011 k-ft 1
Lb KL/r
y-y
23 ft 181.829

LComp Flange 23 ft
Warp Length NC
L-torque 23 ft
Tau b 1
z-z 23 ft 181.829

B:\14DC4-MC car Outlet Sign Chicago\14DD4 SK4 Details - General Structural Noth.dwg - Plotted 01-16-2014 by charles diovannetti

S:\14DD4-MC car Outlet Sign Chicago\14DD4 SK3 Sign Detail.dwg - Plotted 01-16-2014 by charles diovannetti

S:\14DD4-MC Car outlet Sign Chicago\14DD4 BK4 Details - General structural Notes.dwg - Plotted 01-16-2014 by charles diovannetti