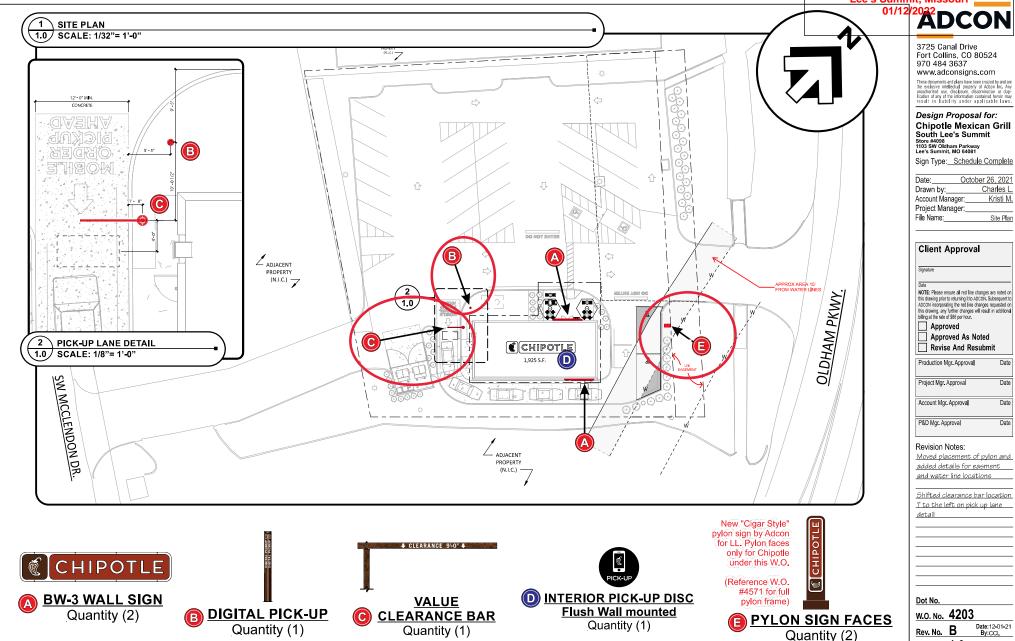
Development Services Department Lee's Summit, Missouri

Sheet No. 1.0



Development Services Department

Lee's Summit, Missouri 01/12/2022 ADCON 3725 Canal Drive Fort Collins, CO 80524 970 484 3637 www.adconsigns.com These documents and plans have been created by and are the exclusive intellectual property of Adcon Inc. Any unauthorized use, disclosure, dissemination or duplication of any of the information contained herein may result in liability under applicable laws. Design Proposal for: Chipotle Mexican Grill South Lee's Summit Store #4098 1103 SW Oldham Parkway Lee's Summit, MO 64081 Sign Type:_ Digital Pickup Date: October 26, 2021 Drawn by: Account Manager: Kristi M. Project Manager: File Name: Client Approval NOTE: Please ensure all red line changes are noted on this drawing prior to returning it to ADCON. Subsequent to ADCON incorporating the red line changes requested on this drawing, any further changes will result in additional billing at the rate of \$86 per hour. Approved Approved As Noted Revise And Resubmit Production Mgr. Approval Date Project Mgr. Approval Date Account Mgr. Approval Date Date P&D Mgr. Approval Revision Notes:

Dot No.

WO. No. 4203

Rev. No. A

Sheet No. 4.0

SPECIFICATIONS FOR (1) ILLUMINATED D/F DIGITAL PICKUP SIGN

POST= Brake-formed 1/8" aluminum body w/ welded & finished top cap

1a Text Graphics: CNC Routed and backed w/ white acrylic

1b Logo Graphic: CNC Routed and backed w/ white acrylic and opaque vinyl logo overlay

2 ACCESS PANEL= Removable full length 1/8" aluminum back panel

ILLUMINATION= Internally illuminated via Sloan Prism Mini White LEDs

3 MOUNTING= 1/4" Aluminum plate w/ mounting slots to allow rotational adjustment of 25° each

CAISSON= Sonotube formed concrete caisson and (3) 1/2" dia. expansion anchors w/ washers and leveling nuts as req.

COLORS AND FINISHES

(PC1) Powder coat IFS Rustic SRBM 90146

(V3) Arlon cast vinyl #2100-3651 "Adobo Brown'





3 ILLUMINATION RENDERING TYP. 4.0 SCALE: N.T.S.

6'-8" 0'-4" **1**00

0'-10"

(1)(V3)

- 0'-7·3/16"

of sign

Front of sign

ROTATED PLAN VIEWS

SCALE: 1"=1'-0"

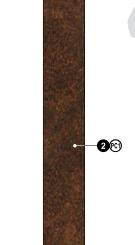
0'-6"



FRONT VIEW

Front of sign

0'-8"



BACK VIEW

Front of sign

- 0'-8" —

GRAPHICS/FACE VIEW

STRAIGHT-ON

-369

DIGITAL PICKUP SIGN-ROTATED VIEWS

4.0 SCALE: 1"=1'-0"

SIDE VIEW

Development Services Department Lee's Summit, Missouri

01/12/20

SPECIFICATIONS FOR (1) NON-ILLUMINATED S/F BREAKAWAY CLEARANCE BAR POST= 4" x 4" x 1/4" Alum, sq. tube w/ 3/8" alum top plate and pivot 970 484 3637 www.adconsigns.com 2 CLEARANCE BAR= 2" x 4" x 1/8" Alum. rec. tube w/ black PVC end caps 2a Graphics: Reflective vinyl overlay Breakaway: To minimize damage from impact, the top beam will give way and rotate when struck. Beam can then be manually rotated back to original position Design Proposal for: Note: Rotation from fixed position will break shear/alignment pin which can be easily serviced during realignment of clearance bar 3 MOUNTING= Slotted 1/2" alum. base plate attaches to embedded bolts in caisson Store #4098 1103 SW Oldham Parkway Lee's Summit, MO 64081 CAISSON= Sonotube formed concrete caisson w/ embedded mounting hardware (four 1/2" All-thread welded Sign Type:_ to 1/8" steel spacer plates w/ washers and leveling nuts). Date: **2**(P1) **COLOR SPECIFICATIONS** Drawn by: Account Manager: P1 Powder coat IFS Rustic SRBM 90146 (V5) Reflective White Vinyl **PLAN VIEW** Project Manager: 5.0 | SCALE: 1/2"=1'-0" Client Approval **2**P NOTE: Please ensure all red line changes are noted on this drawing prior to returning it to ADCON. Subsequent to ADCON incorporating the red line changes requested on this drawing, any further changes will result in additional billing at the rate of \$86 per hour. Clearance bar pivots upon impact (breaking shear/alignment pin) and can Approved then be manually set back to original 0'-4" 0'-4" position (w/ quick servicing of pin) Production Mgr. Approval Project Mgr. Approval **1**00 **1**00 Account Mgr. Approval 8'-9" 9'-0" CLEARANCE P&D Mgr. Approval Revision Notes: BREAKAWAY 0'-6" Curb **3**P) **3**P) 5.0 SCALE: N.T.S. typ. 3 END VIEW OPPOSITE ELEVATION Dot No. ELEVATION 5.0 SCALE: 1/2"=1'-0" 5.0 | SCALE: 1/2"=1'-0" 5.0 SCALE: 1/2"=1'-0" W.O. No. 4203 Rev. No. A

3725 Canal Drive Fort Collins, CO 80524

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Chipotle Mexican Grill South Lee's Summit

Clearance Bar

October 26, 2021 Charles L. Kristi M.

File Name: VALUE Clearance Bar

Approved As Noted Revise And Resubmit

Date

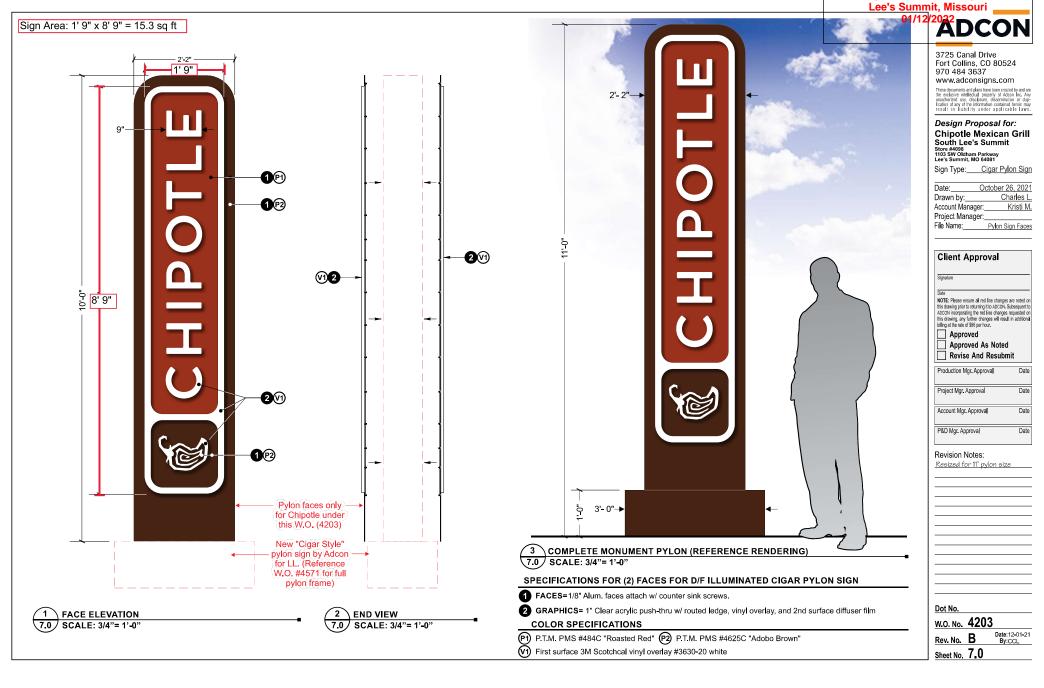
Date

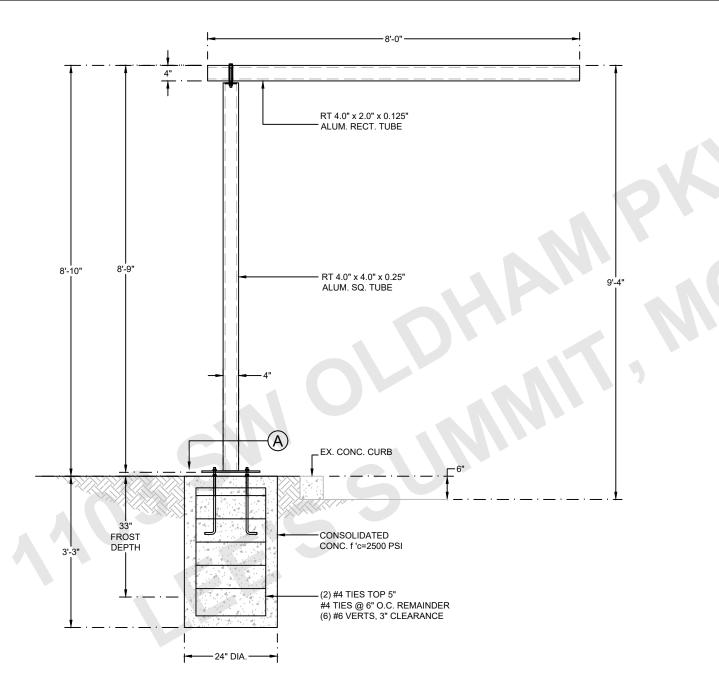
Date

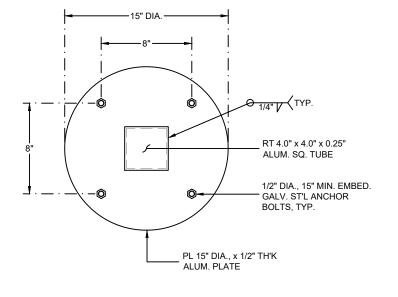
Date

Sheet No. 5.0

Development Services Department







Outrigger Design

Sec. Mod. Req'd.

Base Plate

Thickness Reg'd

Anchor Design

Tension Rea'd.

Shear Req'd.

T = 530

ALUM, RECT. TUBE

GALV. STL. ANCHOR BOLT

(530 / 4260) + (38 / 2270) = 0.14 < 1 (OK)

F 1554 GR. 36

V = 2270

ALUM. PLATE

USE

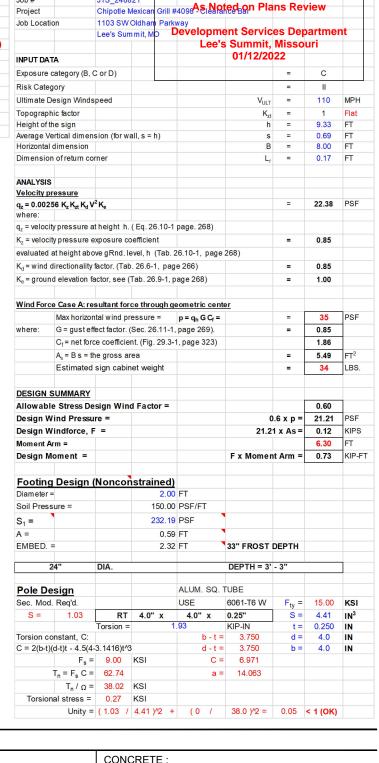
USE

RT 4.0" x 2.0" x 0.125"

PL 15" DIA., x 1/2" THK.

USF

1/2" DIA., x 15" MIN. EMBED



Sign Design Based Pp 224 BED FOR

JTS_248821

CONSTRUCTION

ELEVATION

NOTES

SIGN DESIGN IS BASED ON ADEQUATE EXISTING SUPPORT ELEMENTS. PROVIDE ISOLATION OF DISSIMILAR MATERIALS.

COAT ALUMINUM IN CONTACT WITH CONCRETE WITH ZINC RICH PAINT.

THERE IS NO PROTECTION ZONE AS DEFINED IN AISC 341-16. PROVIDE FULLY WELDED END CAPS AT EXPOSED OPEN ENDS OF STEEL / ALUM. TUBES. MATCH THICKNESS LIKE FOR LIKE

SLOPE TOP OF EXPOSED FOOTING AWAY FROM DIRECT BURIAL POSTS ALL EXPOSED STEEL TO BE PRIMED & PAINTED (POWDER COAT AS AN OPTION) OR ALTERNATIVELY USE GALVANIZED STEEL

SHEET TITLE:

BRAND NAME APPROVED POST INSTALLED ANCHORS SPECIFIED ON PLANS MAY BE SUBSTITUTED BY APPROVED EQUAL

DESIGN AND FABRICATION ACCORDING TO 2018 IBC

PLATE, ANGLE, CHANNEL TEE: ASTM A36

WIDE FLANGE: ASTM A992

ROUND PIPE: ASTM A53 GRADE B OR EQUIVALENT.

HSS ROUND, SQUARE, AND RECTANGULAR TUBE: ASTM A500 GRADE B OR EQUIVALENT.

ALL ANCHORS BOLTS SHOULD BE: ASTM F1554

ALL STEEL MACHINED BOLTS SHOULD BE: ASTM A307 OR ASTM A449

ALL STAINLESS STEEL MACHINED BOLTS SHOULD BE: ASTM A276

ALL BOLTS TO BE ZINC COATED: ASTM B633

DEFORMED REINFORCING REBAR: ASTM A615 GRADE 60.

DESIGN AND FABRICATION ACCORDING TO 2015 ALUM. DESIGN MANUAL PLATES, ANGLES, CHANNELS, TEE, AND SQUARE TUBING: ALUMINUM ALLOY 6061 - T6 WITH 0.098 LBS PER CUBIC INCH

DESIGN AND FABRICATION ACCORDING TO AWS D1.1. / D1.3

AWS CERTIFICATION REQUIRED FOR ALL STRUCTURAL WELDERS.

E70 XX ELECTRODE FOR SMAW PROCESS.

E70S XX ELECTRODE FOR GMAW PROCESS.

ER7 XX ELECTRODE FOR GTAW PROCESS

E70T XX ELECTRODE FOR FCAW PROCESS.

ALL WELDS SHALL BE MADE WITH A FILLER METAL THAT CAN PRODUCE WELDS THAT HAVE A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20FT-LB AT ZERO 0° AS DETERMINED BY THE APPROPRIATE AWS A5 CLASSIFICATION TEST METHOD OR MFG'S. CERTIFICATION.

DESIGN AND FABRICATION ACCORDING TO AWS D1.2. ALL WELDING IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS A.5.10.

FILLER ALLOYS PER TABLES M.9.1 & M.9.2 OF 2015 ALUMINUM DESIGN MANUAL

DESIGN AND CONSTRUCTION ACCORDING TO ACI 318-14

COMPRESSIVE STRENGTH AT 28 DAYS, f 'c= 2500 PSI

CEMENT TYPE II OR IV. W/C RATIO 0.45 BY WEIGHT FOR PIER AND CAISSON

FOOTINGS CONCRETE MUST BE POURED AGAINST UNDISTURBED EARTH.

MAINTAIN A MINIMUM 3" CONCRETE COVER OVER ALL EMBEDDED STEEL.

LATERAL SOIL BEARING PER IBC CLASS 4 TABLE 1806.2 (150 PSF/FT). MODIFIED PER SECTION 1806.3.4.

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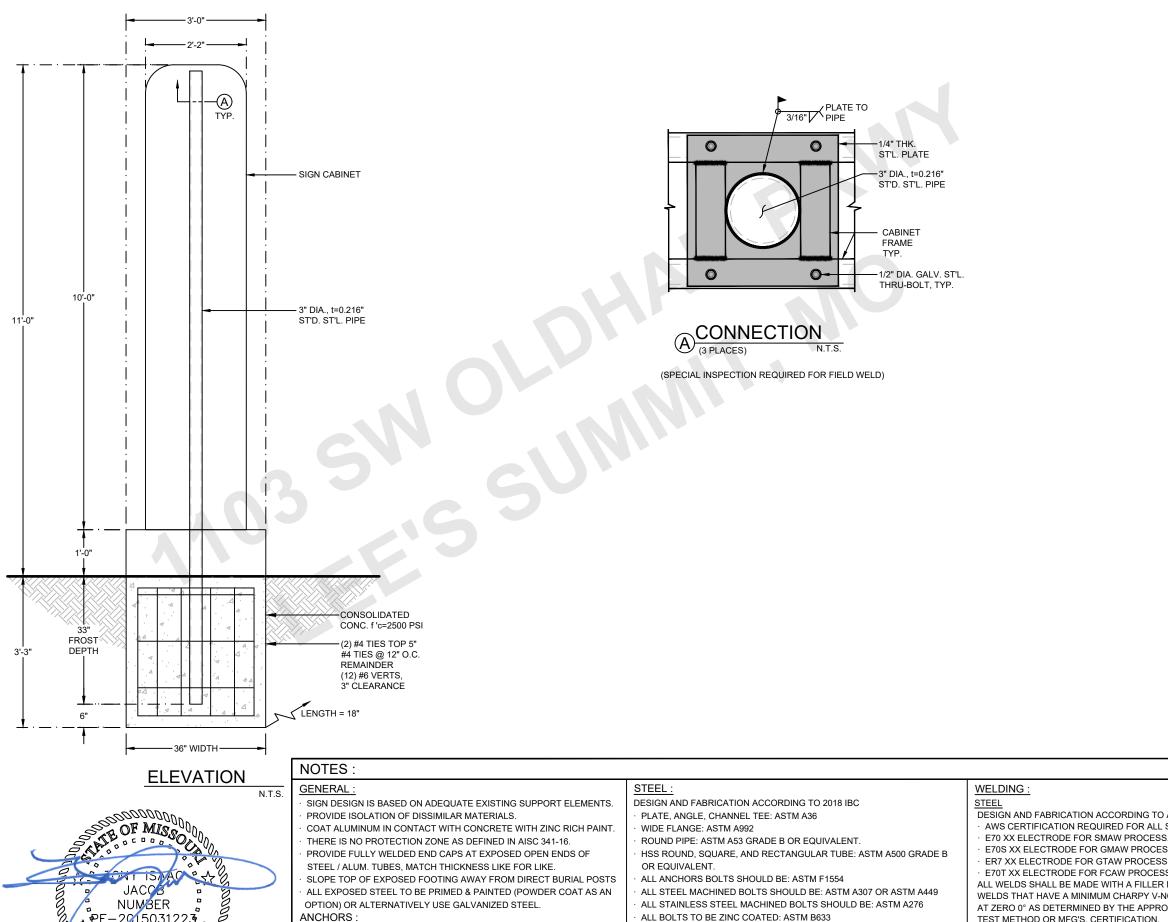
OF MISSO

NUMBER

CHIPOTLE MEXICAN GRILL #4098 CLEARANCE BAR

DRN BY: B.B.	DATE LAST REVISED:	Dec 29, 2021	REV. NO.	REV. DATE	REVISED BY
CHK BY: T.J.	PROJ. START DATE:	DEC. 29, 2021	1	//	
REV BY: T.J.	SCALE:	AS SHOWN	2	//	
PLOTTED BY: Lo	ocal User ON 12	2/29/2021 4:25:45 PI	И 3	//	_

PROJECT JOB #: JTS_248821_Chipotle Mexican Grill #4098_Signage_1103 SW Oldham Parkway_Lee's Summit M PROJECT LOCATION: CHIPOTLE MEXICAN GRILL #4098 1103 SW OLDHAM PARKWAY LEE'S SUMMIT, MO



DESIGN AND FABRICATION ACCORDING TO AWS D1.1. / D1.3

- AWS CERTIFICATION REQUIRED FOR ALL STRUCTURAL WELDERS.
- E70 XX ELECTRODE FOR SMAW PROCESS.
- E70S XX ELECTRODE FOR GMAW PROCESS.
- E70T XX ELECTRODE FOR FCAW PROCESS.

ALL WELDS SHALL BE MADE WITH A FILLER METAL THAT CAN PRODUCE WELDS THAT HAVE A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20FT-LB AT ZERO 0° AS DETERMINED BY THE APPROPRIATE AWS A5 CLASSIFICATION

TEST METHOD OR MFG'S. CERTIFICATION.

DESIGN AND FABRICATION ACCORDING TO AWS D1.2. ALL WELDING IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS A.5.10.

FILLER ALLOYS PER TABLES M.9.1 & M.9.2 OF 2015 ALUMINUM DESIGN MANUAL

STD. STL. PIPE

150.00 PSF/FT

315.00 PSF

1.02 FT

3.16 FT

LENGTH = 18"

3" DIA., t = 0.216"

USE

Sign Design Based On REBEASED FOR

Job#

Project

Job Location

INPUT DATA

Risk Category

Topographic factor

Height of the sign

Velocity pressure $q_z = 0.00256 K_z K_{zt} K_d V^2 K_e$

DESIGN SUMMARY

Design Wind Pressure =

Design Windforce, F = Moment Arm = Design Moment =

WIDTH = 36"

Soil Pressure =

 $S_1 =$

EMBED. =

Pole Design Sec. Mod. Req'd.

S = 1.60

Exposure category (B, C or D)

Ultimate Design Windspeed

Vertical dimension (for wall, s = h)

Average Horizontal dimension Dimension of return corner

JTS_248821

q_z = velocity pressure at height h. (Eq. 26.10-1 page. 268)

K_d = wind directionality factor. (Tab. 26.6-1, page 266)

K_e = ground elevation factor, see (Tab. 26.9-1, page 268)

Max horizontal wind pressure =

A_s = B s = the gross area Estimated sign cabinet weight

Allowable Stress Design Wind Factor =

Footing Design (Nonconstrained)

Wind Force Case A: resultant force through geometric center

G = gust effect factor. (Sec. 26.11-1, page 269)

C_f = net force coefficient. (Fig. 29.3-1, page 323)

evaluated at height above gRnd. level, h (Tab. 26.10-1, page 268)

 K_z = velocity pressure exposure coefficient

Chipotle Mexican Grill #4098 - Monument

1103 SW Oldham Parkway

Lee's Summit, MO

CONSTRUCTION

Development Services Department

Lee's Summit, Missouri

C

110

11.00 FT 2.23

22.38 PSF

0.85

0.85

31

0.85

1.65

24.51

148

0.60

18.82

0.46

2.79 KIP-FT

(OK)

 $0.6 \times p =$

18.82 x As =

F x Moment Arm =

33" FROST DEPTH

DEPTH = 3' - 3"

S = 1.63

DESIGN AND CONSTRUCTION ACCORDING TO ACI 318-14

A53 GR. B

- COMPRESSIVE STRENGTH AT 28 DAYS, f 'c= 2500 PSI
- CEMENT TYPE II OR IV. W/C RATIO 0.45 BY WEIGHT FOR
- FOOTINGS CONCRETE MUST BE POURED AGAINST
- UNDISTURBED EARTH.
- MAINTAIN A MINIMUM 3" CONCRETE COVER OVER ALL EMBEDDED STEEL.

LATERAL SOIL BEARING PER IBC CLASS 4 TABLE 1806.2 (150 PSF/FT). MODIFIED PER SECTION 1806.3.4.

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CHIPOTLE MEXICAN GRILL #4098 MONUMENT

BRAND NAME APPROVED POST INSTALLED ANCHORS SPECIFIED ON

PLANS MAY BE SUBSTITUTED BY APPROVED EQUAL

REV. NO. REV. DATE REVISED BY DATE LAST REVISED: Dec 29, 2021 PROJ. START DATE: DEC. 29, 2021 CHK BY: T.J. SCALE: AS SHOWN REV BY: T.J. PLOTTED BY: Local User ON 12/29/2021 4:26:27 PM 3

DEFORMED REINFORCING REBAR: ASTM A615 GRADE 60.

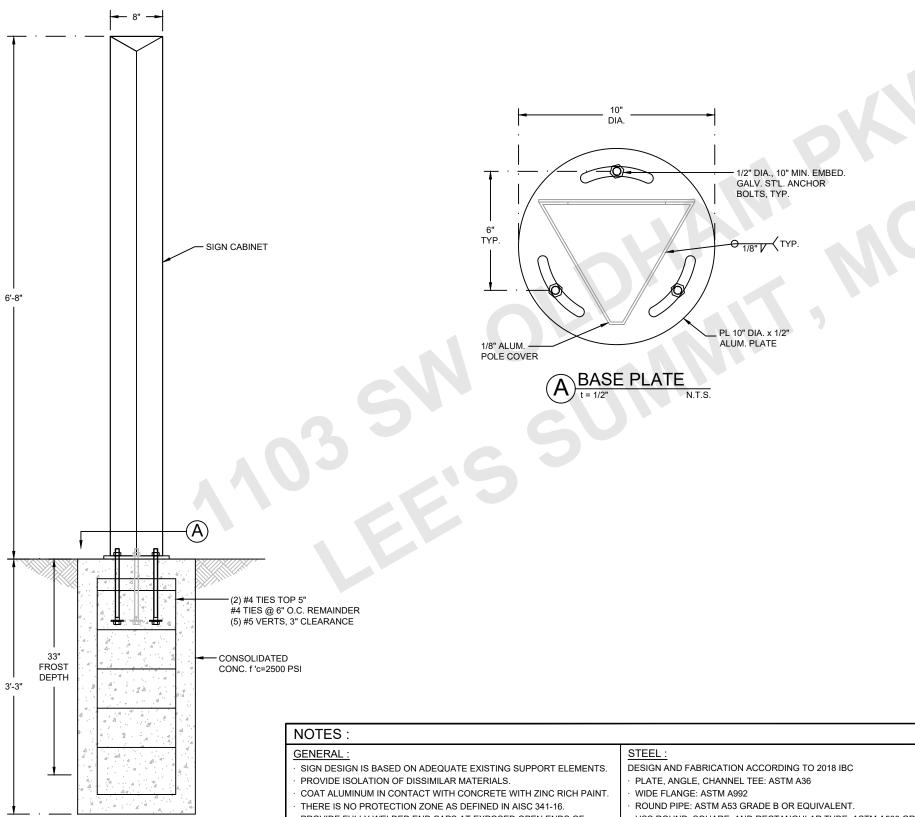
ALLOY 6061 - T6 WITH 0.098 LBS PER CUBIC INCH.

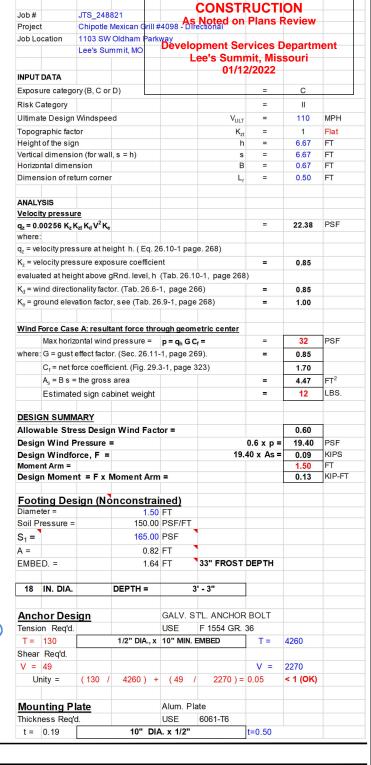
DESIGN AND FABRICATION ACCORDING TO 2015 ALUM. DESIGN MANUAL

PLATES, ANGLES, CHANNELS, TEE, AND SQUARE TUBING: ALUMINUM

PROJECT JOB#: JTS_248821_Chipotle Mexican Grill #4098_Signage_1103 SW Oldham Parkway_Lee's Summit N PROJECT LOCATION: CHIPOTLE MEXICAN GRILL #4098 1103 SW OLDHAM PARKWAY LEE'S SUMMIT, MO

OF 1





Sign Design Based on 2018 B6 FOR

- PROVIDE FULLY WELDED END CAPS AT EXPOSED OPEN ENDS OF
- STEEL / ALUM. TUBES, MATCH THICKNESS LIKE FOR LIKE SLOPE TOP OF EXPOSED FOOTING AWAY FROM DIRECT BURIAL POSTS ALL EXPOSED STEEL TO BE PRIMED & PAINTED (POWDER COAT AS AN
- OPTION) OR ALTERNATIVELY USE GALVANIZED STEEL

BRAND NAME APPROVED POST INSTALLED ANCHORS SPECIFIED ON PLANS MAY BE SUBSTITUTED BY APPROVED EQUAL

- HSS ROUND, SQUARE, AND RECTANGULAR TUBE: ASTM A500 GRADE B OR EQUIVALENT.
- ALL ANCHORS BOLTS SHOULD BE: ASTM F1554
- ALL STEEL MACHINED BOLTS SHOULD BE: ASTM A307 OR ASTM A449
- ALL STAINLESS STEEL MACHINED BOLTS SHOULD BE: ASTM A276
- ALL BOLTS TO BE ZINC COATED: ASTM B633
- DEFORMED REINFORCING REBAR: ASTM A615 GRADE 60.

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- E70 XX ELECTRODE FOR SMAW PROCESS.
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- E70T XX ELECTRODE FOR FCAW PROCESS.

ALL WELDS SHALL BE MADE WITH A FILLER METAL THAT CAN PRODUCE WELDS THAT HAVE A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20FT-LB AT ZERO 0° AS DETERMINED BY THE APPROPRIATE AWS A5 CLASSIFICATION TEST METHOD OR MFG'S. CERTIFICATION.

DESIGN AND FABRICATION ACCORDING TO AWS D1.2. ALL WELDING IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS A.5.10.

FILLER ALLOYS PER TABLES M.9.1 & M.9.2 OF 2015 ALUMINUM DESIGN MANUAL.

DESIGN AND CONSTRUCTION ACCORDING TO ACI 318-14

CEMENT TYPE II OR IV. W/C RATIO 0.45 BY WEIGHT FOR

- COMPRESSIVE STRENGTH AT 28 DAYS, f 'c= 2500 PSI
- FOOTINGS CONCRETE MUST BE POURED AGAINST
- UNDISTURBED EARTH.
- MAINTAIN A MINIMUM 3" CONCRETE COVER OVER ALL EMBEDDED STEEL.

LATERAL SOIL BEARING PER IBC CLASS 4 TABLE 1806.2 (150 PSF/FT). MODIFIED PER SECTION 1806.3.4.

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- 18" DIA

ELEVATION

SHEET TITLE:

CHIPOTLE MEXICAN GRILL #4098 DIRECTIONAL

REV. NO. REV. DATE REVISED BY DATE LAST REVISED: Dec 29, 2021 PROJ. START DATE: DEC. 29, 2021 CHK BY: T.J. SCALE: AS SHOWN REV BY: T.J. PLOTTED BY: Local User ON 12/29/2021 4:26:02 PM 3

PROJECT LOCATION: CHIPOTLE MEXICAN GRILL #4098 1103 SW OLDHAM PARKWAY LEE'S SUMMIT, MO

PROJECT JOB#: JTS_248821_Chipotle Mexican Grill #4098_Signage_1103 SW Oldham Parkway_Lee's Summit N