### RELEASED FOR CONSTRUCTION

As Noted on Plans Review

Development Services Department
10815 RANCHO BERNAR BORD ITSMISSO 60

SAN **DIE 60,02A** 92198

PROJECTIMANAGER@SULLAWAYENG.COM

PHONE: 1-858-312-5150 FAX: 1-858-777-3534

PROJECT: DUTCH BROS., SIGN TYPE - CLEARANCE BAR, CHIPMAN & WARD LEE'S SUMMIT, MO 64063

PROJECT #: 32261C

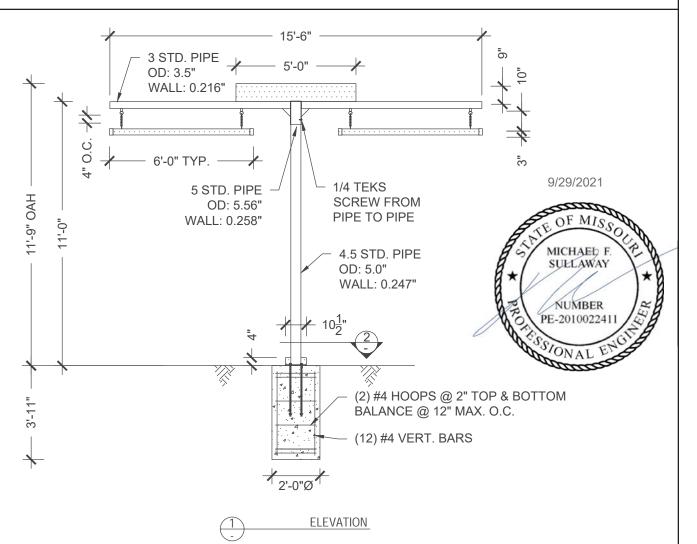
CLIENT: ES&A SIGN & AWNING CO.

SULLAWAY

ENGINEERING

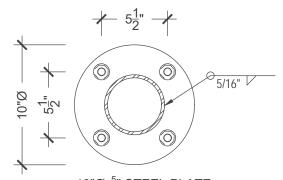
MO 64063 DATE: 9/29/2021 ENGINEER: AN/RG

LAST REVISED:



#### **GENERAL NOTES**

- 1. DESIGN CODE: IBC 2018
- 2. DESIGN LOADS: ASCE 7-16
- 3. WIND VELOCITY 115 MPH EXPOSURE C
- 4. EQUIVALENT TO IBC 2015, ASCE 7-10, WIND VELOCITY 115 MPH EXP. C
- 5. CONCRETE 2500 PSI MINIMUM
- 6. PIPE STEEL ASTM A53 GR. B,  $F_v = 35$  KSI MIN.
- 7. PLATE STEEL ASTM A36
- 8. TEKS SCREW PER ESR-1976
- 9. THREADED ANCHOR ROD STEEL ASTM F1554 GR. 36
- 10. STEEL REINFORCEMENT IN CONCRETE ASTM A615 GR 60
- 11. PROVIDE MIN. 3" CLEAR COVER ON ALL STEEL EMBEDDED IN CONCRETE WHEN CAST AGAINST SOIL
- 12. LATERAL SOIL BEARING PER IBC CLASS 4 (150 PSF/FT)
- 13. WELDING STRENGTH, Fexx = 70 KSI
- 14. PROVIDE PROTECTION AGAINST DISSIMILAR METALS
- 15. ALL DIMENSIONS TO BE VERIFIED PRIOR TO FABRICATION



 $10"Øx_8^{5"}$  STEEL PLATE W/ (4)  $\frac{5}{8}$ " Ø THREADED ANCHOR RODS MIN EMBED. = 24" INTO CONCRETE W/NUT/WASHER/NUT @ EMBED. END



#### **RELEASED FOR** CONSTRUCTION

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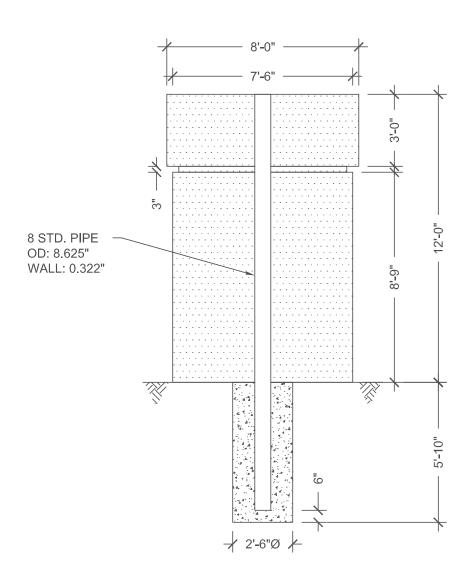
PROJECTMANAGER@90(1249987)ENG.COM PHONE: 1-858-312-5150 FAX: 1-858-777-3534

FRONT ELEVATION

10-29-2021 PROJECT: DATE: DUTCH BROS, CHIPMAN & WARD LEE'S SUMMIT, MO MAC

PROJECT #: **ENGINEER:** 32261D

CLIENT: ES&A SIGN & AWNING CO. LAST REVISED:





SULLAWAY

ENGINEERING

#### **GENERAL NOTES**

- **DESIGN CODE: IBC 2018** 1.
- 2. **DESIGN LOADS: ASCE 7-16**
- 3. WIND VELOCITY 110 MPH EXPOSURE C
- 4. CONCRETE 2500 PSI MINIMUM
- 5. PIPE STEEL ASTM A53 GR. B,  $F_v = 35$  KSI MIN.
- 6. LATERAL SOIL BEARING PER IBC CLASS 4 (150 PSF/FT)
- 7. PROVIDE PROTECTION AGAINST DISSIMILAR METALS
- 8. ALL DIMENSIONS TO BE VERIFIED PRIOR TO FABRICATION

## RELEASED FOR CONSTRUCTION As Noted on Plans Review

Development Services Department Lee's Summit, Missouri 01/12/2022

## **SUMMARY DRAWING**

DRAWING #:

32956

CLIENT:

DUTCH BROS - MOOIO2 CHIPMAN & WARD LEE'S SUMMIT, MO 64063

 $\underline{\text{DATE OF SHOP DRAWING:}}$ 

7/22/21

SHOP REVISIONS:

9.9.21 REMOVE WINDMILL OFF WEST & CL'S OFF SOUTH ELEVATION. MOVE DT'S BEHIND EASEMENT LINE. ADD MONUMENT SIGN. 9.17.21 UPDATED ELEVATIONS & SITE PLAN.

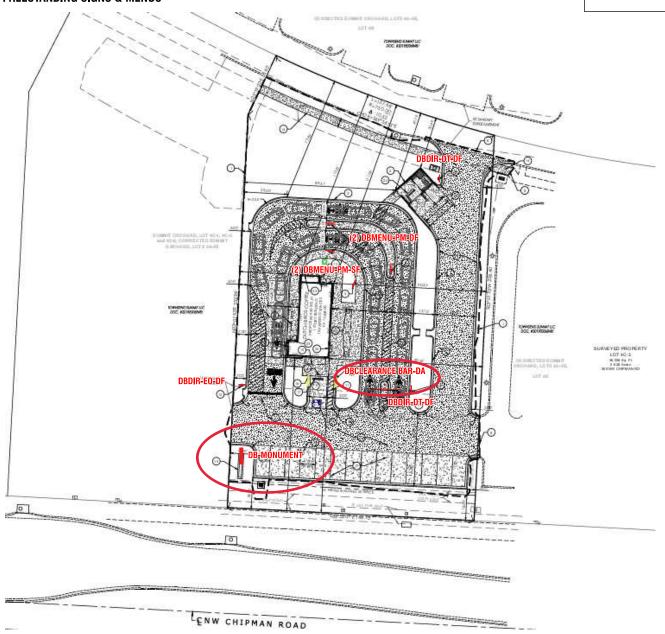
10.20.21 CHANGED WINDMILLS TO HALO-LIT. ADDED ADDRESS #'S.

SALES: CONCEPT. PROD. DESIGN: OF CH 2 of 2

ES&A SIGN & AWNING

89975 PRAIRIE RD. | EUGENE, OR 97402 P 541.485.5546 | F 541.485.5813

#### **SUMMARY - FREESTANDING SIGNS & MENUS**





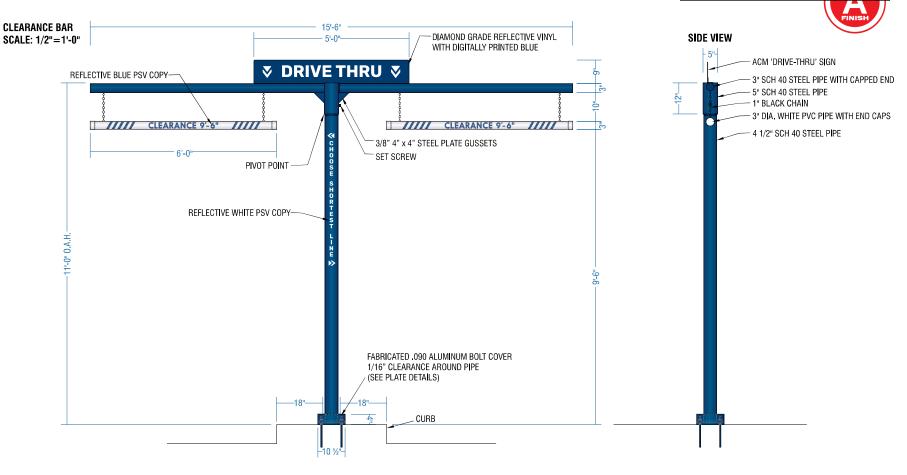
## FACTORY DRAWING

#### SCOPE OF WORK: MANUFACTURE & INSTALL (1) S/F POST MOUNTED DOUBLE ARM CLEARANCE BAR WITH PIVOTING ARMS



**RELEASED FOR** 





STEEL POLE SUPPORT STRUCTURE WITH FABRICATED .090 ALUMINUM BOLT COVER. PAINT DB CUSTOM DARK BLUE.
REFLECTIVE WHITE PSV COPY APPLIED TO VERTICAL POLE.

3" DIA. WHITE PVC CLEARANCE BAR WITH END CAPS AND 280-75 REFLECTIVE BLUE PSV TEXT & STRIPES.

HANG WITH BLACK CHAIN SECURED TO BOTTOM OF POLE STRUCTURE.

INCLUDE ONE SHEET REFLECTIVE VINYL NUMBERS MASKED FOR FIELD INSTALLATION.

CLEARANCE NUMBERS TO BE FIELD MEASURED AND APPLIED. MEASURE FROM ASPHALT TO BOTTOM OF OVERHANG MINUS 6".

ACM 'DRIVE-THRU' SIGN WITH DIAMOND GRADE REFLECTIVE VINYL WITH DIGITALLY PRINTED BLUE.

DIAMOND GRADE REFLECTIVE WHITE VINYL WITH DIGITALLY PRINTED PMS 541 C BLUE BACKGROUND.

INSTALL STEEL POLE PLATE-MOUNTED WITH LEVELING NUTS ONTO G.C. PROVIDED FOOTING.



# **FACTORY DRAWING**

### SHOP DRAWING #: **32956**

#### CLIENT:

DUTCH BROS - MOO102 CHIPMAN & WARD LEE'S SUMMIT, MO 64063

DATE OF SHOP DRAWING: 7/22/21

SHOP REVISIONS:

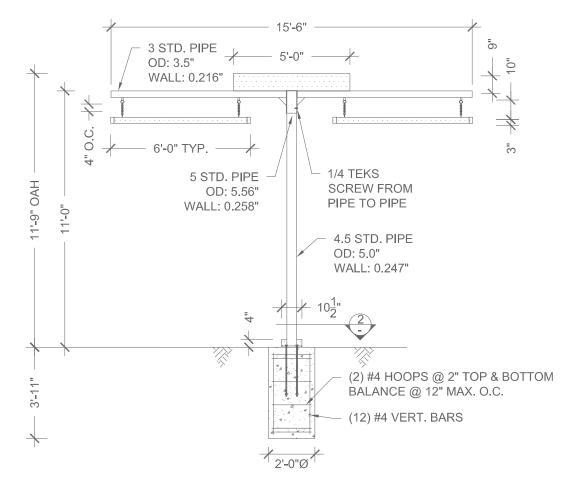
SALES: CONCEPT. PROD. PAGE NO: DESIGN: DESIGN:

ES&A SIGN & AWNING 89975 PRAIRIE RD. | EUGENE, OR 97402

CH CH 2 of 2

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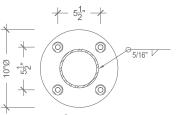
#### **ENGINEERING DETAILS**



ELEVATION SCALE: 3/8"=1'-0"

## RELEASED FOR CONSTRUCTION As Noted on Plans Review

Development Services Department Lee's Summit, Missouri 01/12/2022



10"Øx§" STEEL PLATE
W/ (4) \$" Ø THREADED ANCHOR RODS
MIN EMBED. = 24" INTO CONCRETE
W/NUT/WASHER/NUT @ EMBED. END

BASE PLATE SCALE: 1 1/2"=1'-0"

#### **RELEASED FOR** CONSTRUCTION As Noted on Plans Review

**Development Services Department** Lee's Summit, Missouri 01/12/2022

### **FACTORY DRAWING**

#### SHOP DRAWING #: 32956J1

#### CLIENT:

DUTCH BROS - MO0102 CHIPMAN & WARD LEE'S SUMMIT, MO 64063

#### DATE OF SHOP DRAWING:

#### 9/9/21

#### SHOP REVISIONS:

9.30.21 INCREASED PIPE DIA. BY 2" & FOOTING DEPTH BY 1'-2". DECREASED FOOTING WIDTH BY 6". 10.20.21 REDUCED CABINET & O.A.W. OF SIGN. 11.2.21 DECREASED FOOTING BY 2"

SALES: CONCEPT. PROD. PAGE NO: DESIGN: CH CH I of 2

ES&A SIGN & AWNING

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### · COLOR CODE · 230-015 YELLOW PSV 230-33 RED PSV 230-127 INTENSE BLUE PSV WHITE DB CUSTOM GREY

DB CUSTOM DARK BLUE

#### SCOPE OF WORK: MANUFACTURE & INSTALL (1) D/F ILLUMINATED MONUMENT SIGN



FABRICATED ALUMINUM CABINET PAINTED DB CUSTOM GREY. REVEAL PAINTED DB CUSTOM DARK BLUE. **BACKED-UP WHITE ACRYLIC LETTERS.** 1ST SURFACE 230-015 YELLOW, 230-33 RED, & 230-127 INTENSE BLUE PSV. WHITE LED ILLUMINATION. FABRICATED ALUMINUM SKIRT PAINTED DB CUSTOM DARK BLUE WITH MEDIUM TEXTURE COAT,

### **FACTORY DRAWING**

SHOP DRAWING #: 32956J1

CLIENT:

DUTCH BROS - MOOIO2 CHIPMAN & WARD LEE'S SUMMIT, MO 64063

DATE OF SHOP DRAWING:

9/9/21

SHOP REVISIONS: 9.30.21 INCREASED PIPE DIA. BY 2" & FOOTING DEPTH BY 1'-2".

DECREASED FOOTING WIDTH BY 6". 10.20.21 REDUCED CABINET & O.A.W. OF SIGN.

11.2.21 DECREASED FOOTING BY 2"

SALES: CONCEPT. PROD. PAGE NO: DESIGN: CH CH 2 of 2

ES&A SIGN & AWNING 89975 PRAIRIE RD. | EUGENE, OR 97402

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#### ATTACHMENT DETAIL

SIDE VIEW SCALE: 1/2"=1'-0"

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**Development Services Department** Lee's Summit, Missouri 01/12/2022

