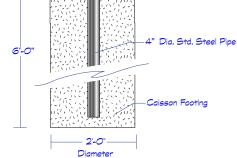
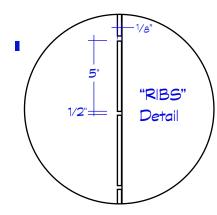


QTY (2) REQUIRED







DOUBLE FACED INTERNALLY ILLUMINATED MONUMENT SIGN

Scale: 1/2" - 1'-0" Sign Area 46.6 sf

Fabricate and install two (2) double faced internally illuminated aluminum monument signs.

"TAILWINDS": Halo illuminated reverse pan channel 3" deep, painted white, mounted 1.5" off surface.

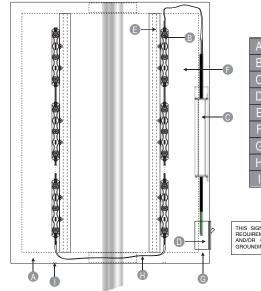
"AT GATEWAY": Puth-thru acrylic copy 1/2" clear acrylic overlaid with 3M 3630-31 Medium Gray translucent vinyl.

Install the display in a 2'-0" dia \times 6'-0" deep footings on a 4" diameter starndard steel pipes as per ASA Engineering. *Royal Sign is a ASA member in good standing.

Sign to be painted to match building paint scheme.



D/F Cabinet / LEDs - Cross Section Detail



Α	aluminum cabinet / frame	
В	ws-6600 LED	
С	power supply	
D	J-box w/ disconnect switch	
Е	H-channel aluminum	
F	acrylic / Lexan face	
G	primary power (in)	
Н	low voltage wiring	
-1	weep holes	
	•	

SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH THE UIREMENTS OF ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE OF OTHER APPLIABLE LOCAL CODES. THIS INCLUDES PROPER UNDING AND BONDING OF THE SIGN.

U.L. LISTED

Sheet Title Exterior

1 of 1

Tailwinds at Gateway

8017 E. Pecoas Rd. Mesa. AZ 85212

royal

2631 N. 31st Ave. Phoenix, AZ 85009 602-278-6286 royalsign.net

Project 220287

14 FEB 2022 21 FEB 2022

APR 2022

A 09 JUN 2022

<u>/</u> n/a

<u>^</u> n/a

<u>&</u> n/a <u>|</u> n/a

1 ∕a

Project Manager: Raymond Owens

Raymond Owe

raymond@royalsign.net

Approval Signatures

X__

Client

Customer is responsible for providing a dedicated electrical circuit within six feet of each sig location and any desired electrical timing devices.

This original unpublished drawing is submitted solely for the project being planned. It is not to be copied or show to persons outside of your organization without express written authorization from ROYAL SIGN COMPANY. All specified details on these drawings are subject to change due to the availability of materials and/or changes in the method of fabrication. ROYAL SIGN COMPANY will do their best to maintain the design intent of these drawings at all times. If the owner or owners' representative wishes to receive detail drawings on all changes during the fabrication process. ROYAL SIGN COMPANY must be advised in writing prior to the start of fabrication.

Page Number

SIGN ENGINEERING STANDARDS FOR THE STATE OF ARIZONA FOR V = 105 MPH





10815 RANCHO BERNARDO RD., SUITE 260 SAN DIEGO, CA 92198 PROJECTMANAGER@SULLAWAYENG.COM (858)-312-5150 www.sullawayeng.com

SIGN DESIGN ENGINEERING STANDARDS; FOR THE STATE OF ARIZONA

PROJECT NUMBER: 18147

DATE: 11-6-2018

SCALE: NO SCALE

DRAWN BY: MFS

DESIGNED BY: MFS

REVISIONS:

DATE

1

2

3

4

<u>/</u>5\

THIS ELECTRONIC SIGNATURE HAS BEEN AUTHORIZED BY ME



Expires: 06-30-2022



SHEET INDEX

- S1. GENERAL NOTES & DESIGN CRITERIA
- S2. SINGLE POLE FOUNDATION
- S3. SMALL SINGLE POLE FOUNDATION
- S4. SINGLE POLE PIPE & ROUND HSS
- S5. SMALL SINGLE POLE PIPE
- S6. SINGLE POLE SQUARE TUBE
- S7. SMALL SIGNLE POLE SQUARE TUBE
- S8. DOUBLE POLE FOUNDATION
- S9. DOUBLE POLE PIPE & ROUND HSS
- S10. DOUBLE POLE SQUARE TUBE
- S11. WOOD POSTS
- S12. FLAG POLE
- S13. CABINET ANGLE FRAMING
- S14. CABINET TUBE FRAMING
- S15. ANCHOR BOLTS & BASE PLATES
- S16. MASONRY WALL W/ SPREAD FOOTING
- S17. SPREAD FOOTING
- S18. LETTER SIGN ATTACHMENTS
- \$19. WALL/CHANNEL LETTER SIGN ATTACHMENTS
- S20. CABINET DETAILS
- S21. STEEL DETAILS
- S22. INSTRUCTIONS

ABBREVIATIONS

U.N.O.

CLR	CLEAR
DIA	DIAMETER
DWG	DRAWING
EA	EACH
EF	EACH FACE
EL	ELEVATION
EW	EACH WAY
FT	FEET OR FOOT
IN	INCHES
MAX	MAXIMUM
M.B.	MACHINE BOLT
MIN	MINIMUM
OC	ON CENTER
REV	REVISION
TYP.	TYPICAL

UNLESS NOTED OTHERWISE

DESIGN CODES

IBC 2018 with Arizona Ammendments ASCE 7-16

AISC Fifteenth Edition

ACI 2016 NDS 2018

WIND LOAD DESIGN PARAMETERS;

115 MPH, EXPOSURE C, RISK CATEGORY II, K_{zt} =1.0, K_s =0.85, I=1.0, G=0.85 SEISMIC DESIGN PARAMETERS;

 S_s = 2, S_t =NA, S_{ds} =NA, S_{dt} =NA, C_d =0.381, R=3.5, I=1.0 SEISMIC DESIGN CATEGORY A, OCCUPANCY CATEGORY II

GENERAL NOTES

- 1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS ELEVATIONS AND FIELD CONDITIONS BEFORE BEGINNING CONSTRUCTION. IF ANY DISCREPENCIES ARE FOUND THE ENGINEER OF RECORD SHALL BE NOTIFIED IMMEDIATELY.
- 2. THE CONTRACTOR SHALL IMMIDIATELY NOTIFY THE ENGINEER OF RECORD OF ANY ON SITE CONDITIONS THAT DO NOT REFLECT THE DRAWINGS, OR OF ANY CONDITIONS THAT AFFECT THE DESIGN OR CONSTRUCTION. THIS INCLUDES ANY AND ALL SITE CONDITIONS SUCH AS ADVERSE SOIL CONDITIONS, DISCOVERED UTILITIES, GROUND WATER ETC.
- 3. THESE ENGINEERING DRAWINGS HEREIN SHOW THE COMPLETED STRUCTURE IN ITS FINAL STATE. THE MEANS AND METHODS OF CONSTRUCTION AS WELL AS TEMPORARY WORKS REQUIRED TO COMPLETE THE STRUCTURE ARE THE RESPONSIBILITY OF THE CONTRACTOR
- 4. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE AS WELL AS ANY ADDITIONAL CODES AND AMENDMENTS OF THE JURISDICTION OF AUTHORITY.
- 5. SIGNS MAY NOT BE LOCATED WITHIN THE PUBLIC RIGHT-OF-WAY.
- 6. ALL SIGNS ARE ON-SITE SIGNS.
- 7. CONTRACTORS RESPONSIBLE FOR THE CONSTRUCTION OF A WIND OR SEISMIC FORCE RESISTING SYSTEM/ COMPONENT LISTED IN THE "STATEMENT OF SPECIAL INSPECTION" SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING INSPECTORS AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON SUCH SYSTEM OR COMPONENT PER IBC SECTION 1704.
- 8. "FOR HEIGHT OF THE SIGN EXCEED ITS WIDTH, IT SHALL BE DESIGNED AND COMPLY WITH POLE SIGN REQUIREMENT; FOR WIDTH OF SIGN EXCEED ITS HEIGHT, IT SHALL BE DESIGNED AND COMPLY WITH MONUMENT SIGN REQUIREMENT.

REINFORCED MASONRY

- 1. THE C.M.U. BLOCK SHALL CONFORM TO ASTM C90 WITH STRENGTH fm = 1500 PSI
- 2. MORTAR PER ASTM C270, TYPE S WITH A MINIMUM STRENGTH OF 1800 PSI.
- 3. GROUT SHALL BE IN CONFORMANCE WITH ASTM C476. COMPRESSIVE STRENGTH AS PER ASTM C1019.
- 4. CELLS SHALL BE FILLED SOLID WITH GROUT.
- 5. VERTICAL BARS ARE TO BE TIED OR FIXED IN POSITION BY OTHER MEANS AND IN INTERVALS NOT LESS THAN 200 BAR DIAMETERS.
- 6. DOWEL BARS ARE TO BE SAME SIZE AND SPACING AS WALL REINFORCEMENT.
- 7. MONUMENT DESIGN IS FOR A MINIMUM WIDTH OF 16"

FOUNDATIONS

- 1. THE FOUNDATION DESIGN IS BASED ON THE MINIMUM SOIL BEARING VALUES OF 1500 PSF AND LATERAL BEARING OF 150 PSF/FT AS PER IBC CLASS 4 SOIL TABLE 1806.2. ALLOWABLE BEARING CAN BE INCREASED BY 1/3 FOR WIND AND SEISMIC LOADS.
- 2. THE FOOTING EXCAVATION SHALL BE KEPT FREE AND CLEAR OF LOOSE MATERIAL AND FREE STANDING WATER.
- 3. ANY ADVERSE SOIL CONDITIONS ARE TO BE REPORTED TO THE ENGINEER OF RECORD. IF SUCH ADVERSE SOIL CONDITIONS ARE ENCOUNTERED A SOILS INVESTIGATION/REPORT MAY BE REQUIRED.
- 4. FOUNDATION AND SOIL DESIGN SHALL COMPLY WITH SECTION 1801.2 OF THE INTERNATIONAL BUILDING CODE.
- 5. SHALLOW FOUNDATIONS SHALL BE BUILT ON UNDISTURBED SOIL, COMPACTED FILL MATERIAL OR CONTROLLED LOW-STRENGTH MATERIAL (CLSM). COMPACTED FILL MATERIAL SHALL BE PLACED IN ACCORDANCE WITH IBC SECTION 1804.5 AND CLSM SHALL BE PLACED IN ACCORDANCE WITH IBC SECTION 1804.6. THE MINIMUM DEPTH OF SHALLOW FOOTINGS SHALL BE 12" BELOW GRADE.

STRUCTURAL STEEL

- 1. STEEL CONSTRUCTION SHALL CONFORM TO AISC STANDARDS AND IBC CHAPTER 22.
- 2. PIPE STEEL SHALL BE ASTM A53 GRADE B WITH A YIELD STRENGTH OF 35 KSI, UP TO 12" AS PER AISC. ROUND HSS PER ASTM A500 WITH A YIELD OF 42 KSI IS ALSO ACCEPTABLE.
- 3. ROUND HSS STEEL SHALL BE ASTM A500 GRADE B WITH A YIELD STRENGTH OF 46 KSI. THIS SHALL BE FOR DIAMETERS OF UP TO 20". SIZES LARGER THAN SHOWN IN THE AISC MANUAL SHALL ALSO CONFORM TO ASTM A500 GRADE 46 KSI.
- 4. RECTANGULAR HSS STEEL SHALL BE ASTM A500 GRADE B WITH A YIELD STRENGTH OF 50 KSI, UP TO SQUARE TUBE OF 16". SIZES LARGER THAN SHOWN IN THE AISC MANUAL SHALL ALSO CONFORM TO ASTM A500 GRADE 50 KSI.
- 5. PLATES, BARS AND OTHER STRUCTURAL STEEL SHAPES SHALL BE ASTM A36 WITH A YIELD STRENGTH OF 36KSI.
- 6. STEEL MEMBERS PERMANENTLY EXPOSED TO ENVIRONMENTAL CONDITIONS SHALL BE TREATED WITH RUST-INHIBITED PRIMER, EXCEPT FOR MATERIALS THAT ARE GALVANIZED OR OF STAINLESS STEFI
- 7. WELDING SHALL CONFORM TO AMERICAN WELDING SOCIETY STANDARDS. ALL NON-FIELD WELDING SHALL BE PERFORMED BY AN APPROVED FABRICATOR AND HAVING CURRENT EXPERIENCE IN THE TYPE OF WELDS SHOWN ON THE DRAWINGS. ALL CERTIFICATES SHALL BE FROM ACCEPTED TESTING AGENCIES. ALL WELDING TO BE DONE BY E70 SERIES LOW HYDROGEN RODS.
- 8. THE CONTRACTOR HAS THE OPTION TO SHOP WELD OR FIELD WELD. FIELD WELD IS SUBJECT TO SPECIAL INSPECTION WHERE NOTED. SOME FIELD WELDING IS OF A NON-STRUCTURAL NATURE.
- 9. ANCHOR BOLTS SHALL BE ASTM F1554 GRADE 36 OR THREADED RODS WITH A36 STEEL.
- 10. FIELD WELD TO BE PERFORMED BY CERTIFIED WELDERS FOR STRUCTURAL STEEL. CONTINUOUS INSPECTION BY A DEPUTY INSPECTOR IS REQUIRED.

CONCRETE

- 1. CONCRETE CONSTRUCTION SHALL CONFORM TO IBC CHAPTER 19 AND THE REQUIREMENTS OF ACI 301 AND ACI 318 FOR MATERIAL AND PLACEMENT STANDARDS.
- 2. ADMIXURES ARE NOT TO BE USED WITHOUT PRIOR APPROVAL OF THE ENGINEER. ANY ADMIXURES THAT REDUCE THE CONCRETE STRENGTH SHALL NOT BE USED. CONCRETE SHALL BE FREE OF CHLORIDE. FLY ASH SHALL NOT BE MORE THAN 15% OF THE TOTAL WEIGHT OF THE CONCRETE.
- 3. THE 28 DAY CONCRETE STRENGTH SHALL BE A MINIMUM OF 2500 PSI (GROUP U OCCUPANCY)
- 4. WATER CEMENT RATIO SHALL BE A MAXIMUM OF 0.45. THE MAXIMUM AGGREGATE SIZE SHALL BE 1".
- 5. TYPE V PORTLAND CEMENT SHALL CONFORM TO ASTM C150. CONCRETE MIXING SHALL CONFORM TO ASTM C94 AND THE SLUMP SHALL NOT BE GREATER THAN 4 $\frac{1}{2}$ ".
- 6. ALL REINFORCEMENT, ANCHOR BOLTS AND OTHER
 INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO
 PLACING CONCRETE
- 7. FORMWORK SHALL NOT BE REMOVED UNTIL CONCRETE HAS REACHED A STRENGTH OF 75% OF THE DESIGN STRENGTH
- 8. CONCRETE COVER OF REINFORCEMENT SHALL BE AS FOLLOWS:
- CONCRETE PLACED DIRECTLY AGAINST EARTH 3"
 TOP OF SLAB
- FORMED CONCRETE WITH EARTH BACKFILL

REINFORCING STEEL

- 1. DEFORMED REINFORCING STEEL BARS SHALL CONFORM TO ASTM A615 WITH A YIELD STRENGTH OF 60 KSI. ANY BARS TO BE WELDED SHALL CONFORM TO ASTM A706.
- 2. DETAILING, FABRICATION AND PLACEMENT OF REINFORCING BARS SHALL CONFORM TO ACI 315, AND CRSI.
- 3. LAP SPLICES SHALL BE A MINIMUM CLASS "B" TENSION LAP SPLICE AS PER ACI 318 OR 40 TIMES BAR DIAMETER. SPLICES SHALL BE STAGGERED BY A MINIMUM OF ONE LAP LENGTH
- 4. SPLICE LOCATIONS ARE SUBJECT TO THE APPROVAL OF THE ENGINEER OF RECORD
- 5. ALL REINFORCING BARS SHALL BE CLEAN AND FREE FROM LOOSE MILL SCALE, RUST, OIL, DEBREE, OR ANY OTHER MATERIAL THAT MAY AFFECT THE BOND WITH CONCRETE.

ALUMINUM

- 1. ALL ALUMINUM CONSTRUCTION SHALL CONFORM WITH THE AA ADM-1 ALUMINUM DESIGN MANUAL. ALLUMINUM SECTIONS SHALL BE 6061-T6 WITH A MINIMUM TENSILE YIELD STRENGTH OF 30KSI.
- 2. PROTECTION BETWEEN DISSIMILAR METALS SHALL BE PROVIDED.

SPECIAL INSPECTION

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE SPECIAL INSPECTION AGENCY AT LEAST ONE DAY PRIOR TO PERFORMING ANY WORK THAT REQUIRES SPECIAL INSPECTION WORK THAT IS INSTALLED OR COVERED WITHOUT THE APPROVAL OF THE INSPECTOR MAY BE SUBJECT TO REMOVAL OR EXPOSURE.

SPECIAL INSPECTION SCHEDULE SPECIAL INSPECTION REQUIRED WHERE NOTED ON DRAWINGS CONTINUOUS PERIODIC STRUCTURAL STEEL HIGH STRENGTH BOLTS FIELD WELDINGCOMPLETE & PARTIAL PEN. GROOVE WELDS MULTIPASS FILLET WELDS SINGLE-PASS FILLET WELDS X SINGLE-PASS FILLET WELDS X SINGLE-PASS FILLET WELDS X CONCRETE WITH DESIGN STRENGTH GREATER THAN 2500 PSI EPOXY OR GROUTED DOWELS X

RRIZONA SSOCIE

SULLAWAY ENGINEERING

10815 RANCHO BERNARDO RD., SUITE 260 SAN DIEGO, CA 92198 PROJECTMANAGER@SULLAWAYENG.COM (858)-312-5150 www.sullawayeng.com

SIGN DESIGN ENGINEERING STANDARDS; FOR THE STATE OF ARIZONA

ROUGH CARPENTRY

- 1. WOOD CONSTRUCTION SHALL CONFORM TO IBC CHAPTER 23 AND THE NDS. THE MAXIMUM MOISTURE CONTENT SHALL NOT EXCEED 19%.
- 2. ALL FRAMING LUMBER SHALL BE DOUGLAS FIR LARCH, GRADE MARKED BY THE W.O.L.I.B. OR W.W.P.A. AS FOLLOWS:

STRINGERS POSTS

D.F. CONSTRUCTION GRADE D.F. #1

- 3. ALL PLYWOOD SHALLL CONFORM TO PS-1 OR A.P.A. PRP-108, HAVE AN EXTERIOR OR EXPOSURE 1 CLASSIFICATION AND SHALL BERAR THE STAMP OF AN APPROVED TESTING AGENCY. THE FACE GRAIN SHALL BE PERPENDICULAR TO SUPPORTS. NAILING SHALL BE CORROSION RESISTANT COMMON NAILS. ALL PLYWOOD SHALL BE ½" NOMINAL THICKNESS MINIMUM WITH A SPAN/INDEX RATIO OF 24/0.
- 4. WOOD POSTS IN DIRECT CONTACT WITH EARTH OR CONCRETE SHALL BE PRESSURE TREATED UP TO 8" ABOVE GRADE, STAMPED BY AN APPROVED AGENCY.
- 5. BOLT HOLES IN WOOD SHALL BE DRILLED 1/32" TO 1/16" DIAMETER LARGER THAN THE NOMINAL BOLT SIZE.
- $6.\ LAG$ BOLTS SHALL BE PRE-DRILLED TO A DIAMETER OF 60% OF THE SHANK DIAMETER. THE BOLT SHALL BE TURNED AND NOT HAMMERED.
- 7. MANUFACTURED PRODUCTS USED FOR WOOD CONSTRUCTION, SUCH AS SIMPSON STRONG-TIE, SHALL CONFORM TO THE APPROPRIATE UP-TO-DATE REPORT BY THE INTERNATIONAL CODE COUNCIL.

PROJECT NUMBER: 18147

DATE: 11-6-2018

SCALE: NO SCALE

DRAWN BY: MFS

DESIGNED BY: MFS

DATE

REVISIONS:

NO

.

1 2

3

4

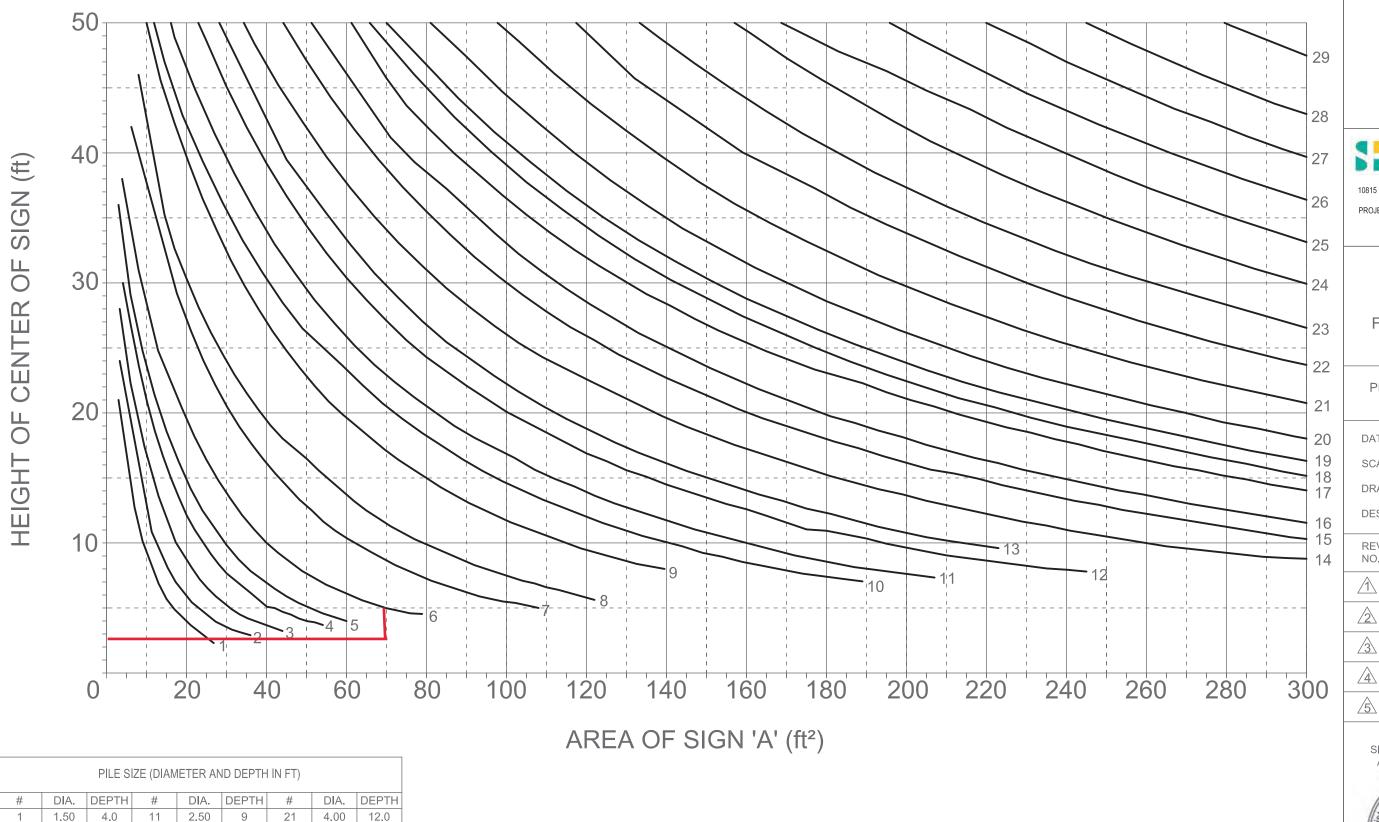
<u>/</u>5\

THIS ELECTRONIC SIGNATURE HAS BEEN AUTHORIZED BY ME



Expires: 06-30-2022

V = 105 MPH SHEET TITLE:
GENERAL NOTES & DESIGN CRITERIA







10815 RANCHO BERNARDO RD., SUITE 260 SAN DIEGO, CA 92198 PROJECTMANAGER@SULLAWAYENG.COM (858)-312-5150 www.sullawayeng.com

SIGN DESIGN **ENGINEERING** STANDARDS; FOR THE STATE OF ARIZONA

PROJECT NUMBER: 18147

DATE: 11-6-2018

SCALE: NO SCALE

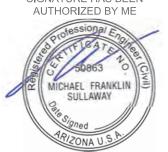
DRAWN BY: MFS

DESIGNED BY: MFS

REVISIONS:

DATE

THIS ELECTRONIC SIGNATURE HAS BEEN



Expires: 06-30-2022

NOTES

13.0

13.0 14.0

14.0

15.0

15.0

15.0

16.0

2.00

1.50

2.00

1.50

2.00

2.50

3.00

10

4.0

5.0

5.0

6.0

7.0 7.0

8.0

8.0

12

13

14

15

16

17

19

20

3.00

2.50

3.00

3.50

3.00

3.50

4.00

3.00

3.50

9.0

10.0

10.0

10.0

11.0

11.0

11.0

12.0

12.0

22

23

24

25

26

27

28

29

4.00

4.50

4.50

5.00

5.00

5.50

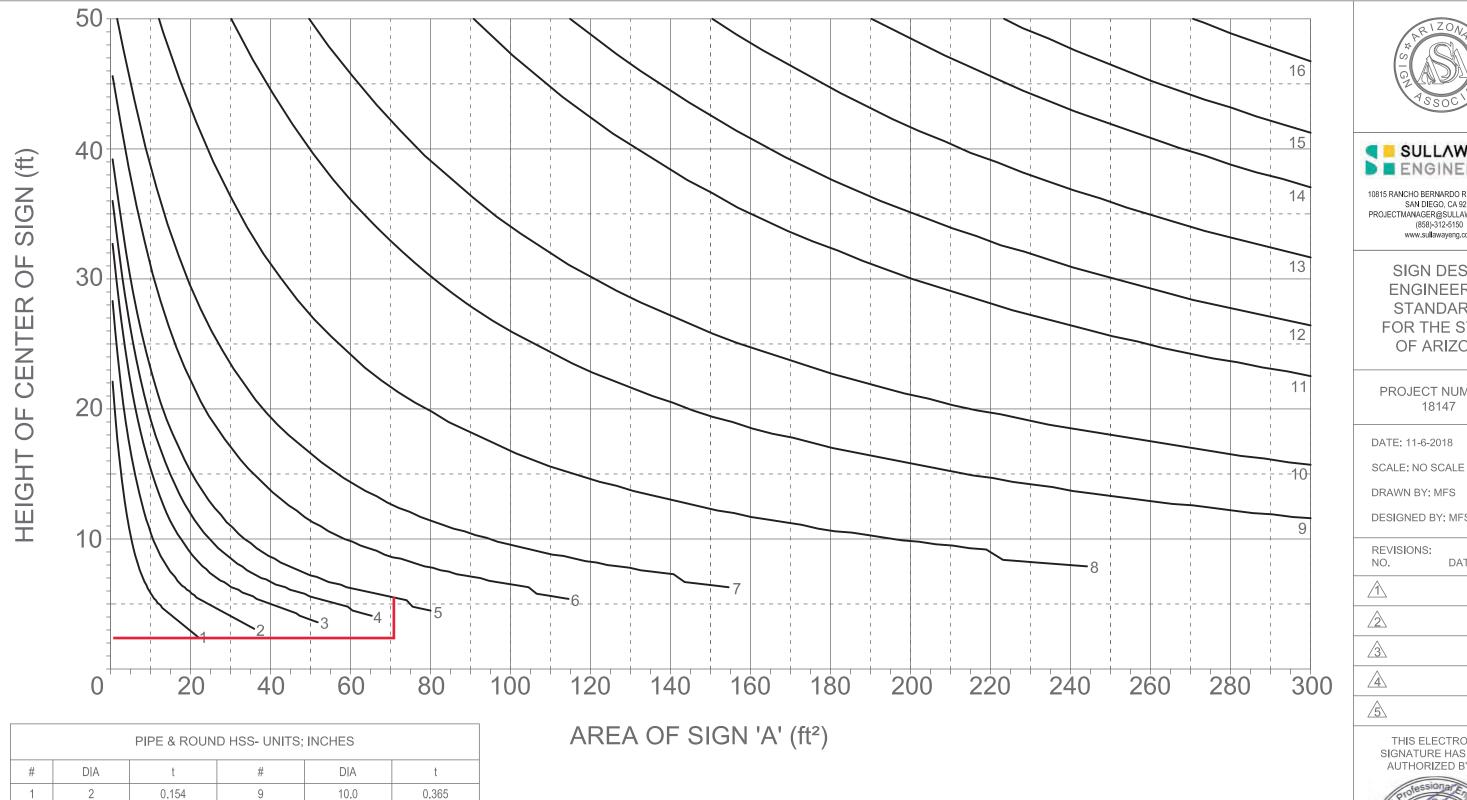
6.00

6.00

PLOT POINT AND CHOOSE THE CURVE ABOVE THE POINT

V = 105 MPH

SHEET TITLE: **SINGLE POLE - FOUNDATION**





12.0

14.0

16.0

18.0

20.0

22.0

24.0

0.375

0.375

0.375

0.375

0.375

0.375

0.375

2

3

4

6

7

8

2.5

3.0

3.5

5.0

6.0

8.0

0.203

0.216

0.226

0.258

0.280

0.322

10

11

12

13

14

15

16

- PLOT POINT AND CHOOSE THE CURVE ABOVE THE POINT
- Fy = 35 KSI FOR DIAMETERS < 12", Fy = 42 KSI FOR DIAMETERS ≥12"

■ SULLAWAY ENGINEERING 10815 RANCHO BERNARDO RD., SUITE 260 SAN DIEGO, CA 92198 PROJECTMANAGER@SULLAWAYENG.COM (858)-312-5150 www.sullawayeng.com

> SIGN DESIGN **ENGINEERING** STANDARDS; FOR THE STATE OF ARIZONA

PROJECT NUMBER: 18147

DATE: 11-6-2018

DRAWN BY: MFS

DESIGNED BY: MFS

DATE

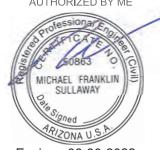
1

2

 $\sqrt{3}$

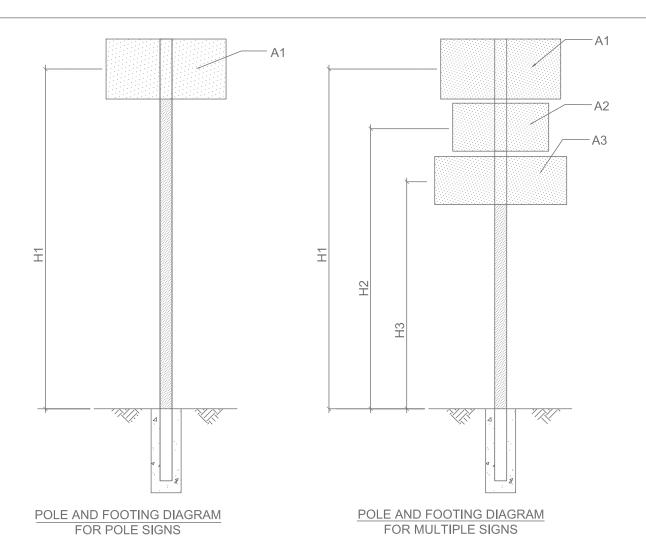
<u>5</u>

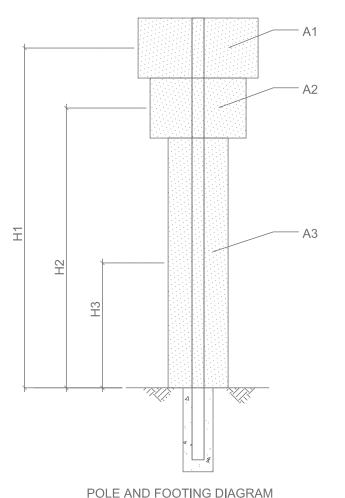
THIS ELECTRONIC SIGNATURE HAS BEEN AUTHORIZED BY ME



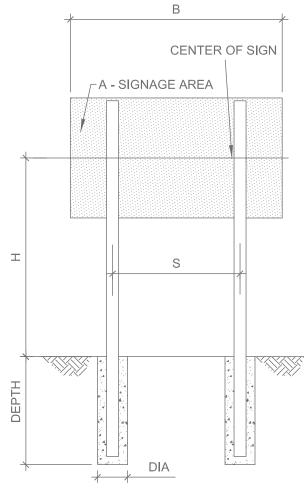
Expires: 06-30-2022

V = 105 MPH**SHEET TITLE:** SINGLE POLE-PIPE & ROUND HSS





FOR SIGNS WITH POLE COVERS











10815 RANCHO BERNARDO RD., SUITE 260 SAN DIEGO, CA 92198 PROJECTMANAGER@SULLAWAYENG.COM (858)-312-5150 www.sullawayeng.com

SIGN DESIGN **ENGINEERING** STANDARDS; FOR THE STATE OF ARIZONA

PROJECT NUMBER: 18147

DATE: 11-6-2018

DRAWN BY: MFS

SCALE: NO SCALE

DESIGNED BY: MFS

REVISIONS:

DATE

1

2

3

4

5

THIS ELECTRONIC SIGNATURE HAS BEEN AUTHORIZED BY ME



Expires: 06-30-2022

CALCULATION OF EXPOSED AREA (A) AND C.G.

1. FIND EXPOSED AREA (A); A = A1 + A2 + A3 + A4 (A3=A4=0.0 FOR POLE SIGNS)

2. FIND CENTROID OF COMBINED AREAS (C.G.); C.G. = $(A1 \times H1) + (A2 \times H2) + (A3 \times H3)$

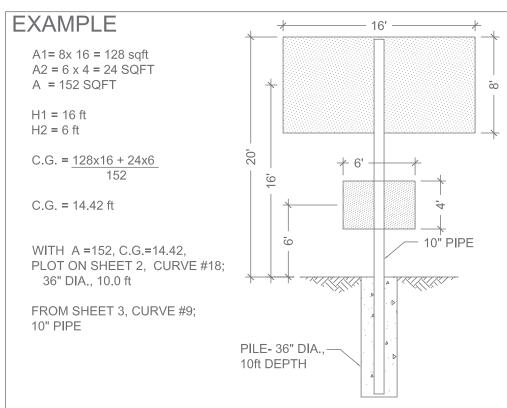
3. WITH A (TOTAL AREA) AND H (HEIGHT) USE THE CHARTS TO DETERMINE THE FOOTING AND POLE SIZES

WITH TWO AREAS; A=A1+A2, C.G.= A1xH1 + A2xH2

NOTES

-FOR POLE AREA, ASSUME A POLE SIZE. USE SHEET 3 (OR APPROPRIATE SHEET) TO FIND THE ACTUAL POLE SIZE. REVISE A AND C.G., THEN GO THRU STEPS 1, 2, 3 TO VERIFY NEW POLE

-FOR DOUBLE POLE SIGNS: POLE SPACING "S" MUST BE GREATER THAN 0.75 TIME THE SIGN WIDTH "B"



SHEET TITLE: **INSTRUCTIONS**