

Limits of liability extend only to the work detailed, for the quantity of assemblies indicated (unless noted otherwise), at the location specified, and by the client listed; use of these plans and/or corresponding structural calculations in violation of either voids all liability.

GENERAL

- 1. ALL MATERIALS AND WORK SHALL CONFORM TO THE REQUIREMENTS OF THE WASHINGTON STATE BUILDING CODE REF. 2021 INTERNATIONAL BUILDING CODE (IBC).
2. CONSTRUCTION METHODS AND PROJECT SAFETY: DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE METHODS, PROCEDURES, OR SEQUENCE OF CONSTRUCTION. TAKE NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE DURING CONSTRUCTION. THE EOR WILL NOT ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS, AND REGULATIONS.
3. VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS PRIOR TO THE START OF CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR INCONSISTENCIES THAT ARE FOUND. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE DRAWINGS.
4. ALL OMISSIONS AND/OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND FIELD INSPECTOR. THE ENGINEER SHALL PROVIDE A SOLUTION PRIOR TO PROCEEDING WITH ANY WORK AFFECTED BY THE CONFLICT OR OMISSION.
5. WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF THE WORK, USE THOSE FOR OTHER SIMILAR WORK.
6. WHEN A DETAIL IS IDENTIFIED AS TYPICAL, APPLY IN ESTIMATING AND CONSTRUCTION TO EVERY LIKE CONDITION WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE.
7. CHANGES TO THE DRAWINGS: OBTAIN PRIOR WRITTEN APPROVAL.
8. WORK PERFORMED IN CONFLICT WITH THE DRAWINGS OR APPLICABLE BUILDING CODE REQUIREMENTS SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.

DESIGN CRITERIA

- 1. STRUCTURE IS DESIGNED IN ACCORDANCE WITH ASCE 7-16: MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
2. WIND LOAD: BASIC WIND SPEED, Vult = 100 MPH MAXIMUM RISK CATEGORY: II EXPOSURE: C
3. SNOW LOAD: IMPORTANCE FACTOR, Is = 1.0 SURFACE ROUGHNESS: C EXPOSURE: C
GROUND 20 PSF MAXIMUM. ROOF --- PSF
4. ROOF LIVE LOAD: --- PSF

STEEL

- 1. STEEL SHAPES SHALL CONFORM TO THE FOLLOWING (U.N.O.): RND. HSS ASTM A500, GR C Fy=46 KSI MIN. SQ./RECT. HSS ASTM A500, GR C Fy=50 KSI MIN. THREADED ROD ASTM A36 Fy=36 KSI MIN. STEEL PLATE ASTM A36 Fy=36 KSI MIN. ANGLE & CHANNEL ASTM A36 Fy=36 KSI MIN. STD. PIPE ASTM A53, GR B Fy=35 KSI MIN. STRUCT. PIPE ASTM A252, GR 3 Fy=45 KSI MIN. WIDE FLANGE ASTM A992 Fy=50 KSI MIN.
2. MACHINE BOLTS SPECIFIED AS "A307" SHALL CONFORM TO ASTM A307 w/ NUTS PER ASTM A563A & WASHERS PER ASTM F844 (U.N.O.). THREADED PARTS, NUTS, AND WASHERS SHALL BE HDG OR ZP AS DEFINED HEREIN.
3. STRUCTURAL BOLTS SHALL CONFORM TO ASTM F3125 GRADES A325 OR A490 AS SPECIFIED ("A325" OR "A490") w/ NUTS PER ASTM A563DH & WASHERS PER ASTM F436.
A. WHERE DESIGNATED AS "X", CARE MUST BE TAKEN TO ENSURE THREADS ARE EXCLUDED FROM THE SHEAR PLANE(S).
B. WHERE DESIGNATED AS "-N" OR IF NO DESIGNATION IS NOTED, THREADS MAY BE INCLUDED IN THE SHEAR PLANE(S).
C. WHERE SPECIFIED, "A325" MAY BE HDG OR ZP AS DEFINED HEREIN.
D. GRADE "A490" SHALL NOT BE HDG OR ZP AS DEFINED HEREIN. ANCHORS CAST IN CONCRETE SHALL CONFORM TO ASTM F1554 GR. 36 (U.N.O.) w/ NUTS TO ASTM A563 AND WASHERS TO ASTM F436. PARTS SHALL BE HOT-DIP GALVANIZED (HDG) OR ZINC (MECHANICAL) PLATED (ZP). PARTS EMBEDDED ENTIRELY IN CONCRETE MAY BE PLAIN STEEL.
5. WHERE SPECIFIED FOR STEEL THREADED PARTS, NUTS, AND WASHERS, HOT-DIP GALVANIZING (HDG) SHALL CONFORM TO ASTM F2329 AND ZINC (MECHANICAL) PLATING (ZP) TO CLASS 55 PER ASTM B695.
6. PLAIN STEEL FASTENERS ARE NOT TO BE USED UNLESS SPECIFIED. ZINC ELECTRO-PLATED FASTENERS PER ASTM F1941 MAY BE SUBSTITUTED FOR INTERIOR APPLICATIONS, BUT ARE OTHERWISE NOT TO BE USED UNLESS SPECIFIED.
8. NUTS AND WASHERS SHALL HAVE THE SAME COATING AS THE CORRESPONDING THREADED PART.
9. WHERE SPECIFIED, IRON AND STEEL HARDWARE SHALL BE HOT-DIP GALVANIZED PER ASTM A153.
10. STAINLESS STEEL (S5) BOLTS, STUDS, AND THREADED ROD SHALL CONFORM TO ASTM F593 AND BE ALLOY 304 OR 316 w/ NUTS TO ASTM F594. NUTS AND WASHERS SHALL MATCH THE ALLOY OF THE THREADED PART.
11. WELDING:
A. WELD STRUCTURAL STEEL IN COMPLIANCE WITH ANSI/AWS D1.1 AND AISC SPECIFICATION, CHAPTER J. WELDERS SHALL BE CERTIFIED AS REQUIRED BY THE LOCAL BUILDING AUTHORITY. WELDING SHALL BE DONE BY ELECTRIC ARC PROCESS USING LOW-HYDROGEN ELECTRODES WITH SPECIFIED TENSILE STRENGTH NOT LESS THAN 70 KSI UNLESS NOTED OTHERWISE.
B. UNLESS A LARGER WELD SIZE IS INDICATED, PROVIDE MINIMUM SIZE WELD PER AISC SPECIFICATION, SECTION J2, TABLE J2.4.

ALUMINUM

- 1. FABRICATE AND ERECT ALUMINUM IN COMPLIANCE WITH THE 2020 ALUMINUM DESIGN MANUAL (ADM.1), THE SPECIFICATIONS FOR ALUMINUM SHEET METAL WORK (ASM35), AND CHAPTER 20 OF THE BUILDING CODE.
2. ALUMINUM SHAPES SHALL CONFORM TO THE FOLLOWING: PIPE & TUBE 6061-T6 ASTM B429 Fy=35 KSI MIN. STRUCT. PROFILES 6061-T6 ASTM B308 Fy=35 KSI MIN. SHEET & PLATE 6061-T6 ASTM B209 Fy=35 KSI MIN.

- STAPLE TUBE G0G3-T5 ASTM B221 Fy=16 KSI MIN.
3. ALL SHOP AND FIELD WELDS SHALL BE PERFORMED BY AN AISC QUALITY CERTIFIED FABRICATOR.
4. UNLESS A LARGER WELD SIZE IS INDICATED, PROVIDE MINIMUM SIZE WELD PER ADM 1.
5. FILLER SHALL BE 555G ALLOY REGARDLESS OF MEMBER THICKNESS. NO OTHER FILLER ALLOY SHALL BE USED UNLESS NOTED OTHERWISE.

CONCRETE & REINFORCEMENT

- 1. MINIMUM 28-DAY COMPRESSIVE STRENGTH (fc) SHALL BE 2,500 PSI.
2. REINFORCEMENT TO BE ASTM A615 GR 60, Fy=60 KSI UNO.
3. CALCIUM CHLORIDE OR ADDED CHLORIDE IS NOT PERMITTED.
4. ALL REINFORCED CONCRETE SHALL BE CONSOLIDATED WITH MECHANICAL VIBRATORS.
5. MINIMUM CONCRETE COVER: CAST AGAINST & EXPOSED TO EARTH 3" EXPOSED TO EARTH OR WEATHER 2"
6. CHAIRS AND SPACERS: AS REQUIRED TO MAINTAIN COVER.
7. GROUT SHALL BE NON-SHRINK AND NON-METALLIC WITH A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI AT (1) DAY. MIX AND PLACE IN ACCORDANCE WITH MANUFACTURER INSTRUCTIONS.

FOUNDATIONS

- 1. DESIGN BEARING PRESSURES ARE PER IBC CLASS 5 PRESUMPTIVE VALUES (NO SPECIAL INSPECTION REQUIRED): LATERAL BEARING: 1.00 PSF/FT VERTICAL BEARING: 1.500 PSF

EXISTING CONDITIONS

- 1. ENGINEER WILL NOT BE PERFORMING ON-SITE INSPECTIONS OR VERIFICATIONS. IT IS THE RESPONSIBILITY OF THE INSTALLER AND OWNER(S) TO IDENTIFY EXISTING CONDITIONS AND CONTACT ENGINEER WITH ANY DISCREPANCIES OR CONCERNS.
2. EXISTING INFORMATION HAS BEEN FURNISHED BY THE ENTITY WHOM THIS DOCUMENT WAS PREPARED FOR. ENGINEER IN NO WAY CERTIFIES THIS INFORMATION AS "AS-BUILT".
3. FEATURES OF WORK ANNOTATED AS "VERIFY" (OR SIMILAR) MUST BE INSPECTED, VERIFIED AS SUCH, AND DOCUMENTED PRIOR TO FABRICATION AND INSTALLATION.
4. IF THERE IS ANY REASON TO BELIEVE THE EXISTING CONDITIONS DETAILED HEREIN ARE NOT ACCURATE, CONTRACTOR SHALL CEASE WORK AND NOTIFY ENGINEER IMMEDIATELY.
5. CONTRACTOR SHALL INSPECT AND CONFIRM THE QUALITY OF EXISTING STRUCTURE AS "IN GOOD REPAIR". STRUCTURE SHALL BE FREE OF CORROSION, DECAY, AND ANY OTHER MATERIAL, FABRICATION, ASSEMBLY, OR INSTALLATION DEFECT. IF THERE ARE ANY INDICATIONS THAT THIS IS NOT THE CASE, CONTRACTOR SHALL CEASE WORK IMMEDIATELY AND NOTIFY ENGINEER.

EVALUATION REPORT SCHEDULE

ANCHORS, FASTENERS, AND OTHER PRODUCTS SHALL CONFORM TO AND BE INSTALLED PER THEIR RESPECTIVE EVALUATION REPORT(S) AS FOLLOWS (NOT ALL APPLICABLE THIS PROJECT):

Table with 2 columns: ANCHOR TYPE and REPORT #. Lists various anchor types like HILTI KB-T22, HILTI KH-EZ, etc. and their corresponding report numbers.

ABBREVIATIONS

Table with 3 columns: Abbreviation, Description, and Full Name. Lists abbreviations like ABV., ADDL., AFF., etc. and their meanings.

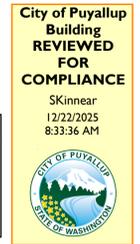
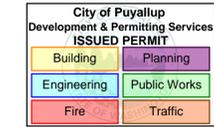
THIS AREA INTENTIONALLY LEFT BLANK

Approval of submitted plans is not an approval of omissions or oversights by this office or non compliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

The approved construction plans, documents, and all engineering must be posted on the job at all inspections in a visible and readily accessible location.

Full sized legible color plans are required to be provided by the permittee on site for inspection.

Separate Electrical Permit is required with the Washington State Department of Labor & Industries. https://ni.wa.gov/licensing-permits/electrical/electrical-permits-fees-and-inspections or call for Licensing Information: 1-800-647-0982



REVERENCE ENGINEERING

www.reverenceengineering.com (619) 354-1152 501 W BROADWAY, STE 425 SAN DIEGO, CA 92101

PREPARED FOR:

PERSONA SIGNS

PROJECT #:

2509136

MCDONALDS 43903 FLAGPOLE 2902 E PIONEER PUYALLUP, WA 98372

Table with 2 columns: No. Issue/Revision and Date. Shows revision history for Initial Submittal and Updated Soil Class & Pier Depth.

PRSG20251040



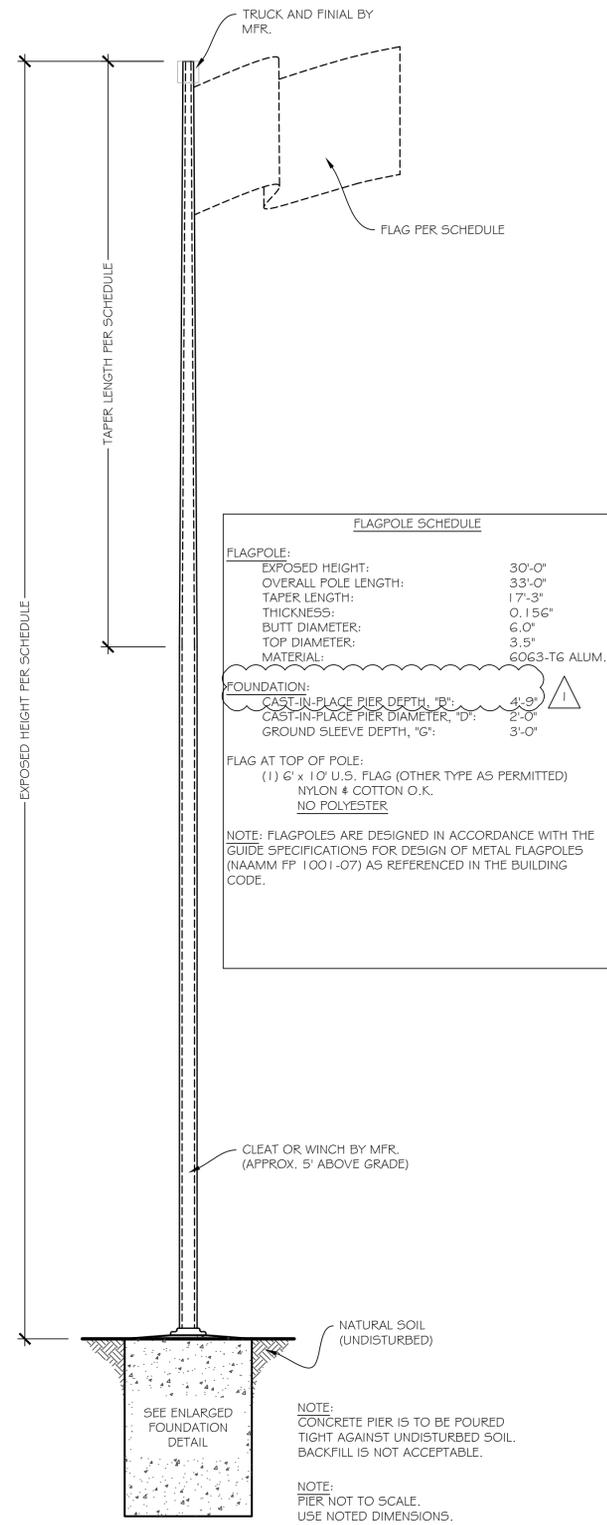
SHEET TITLE: 10-Nov-25

STRUCTURAL

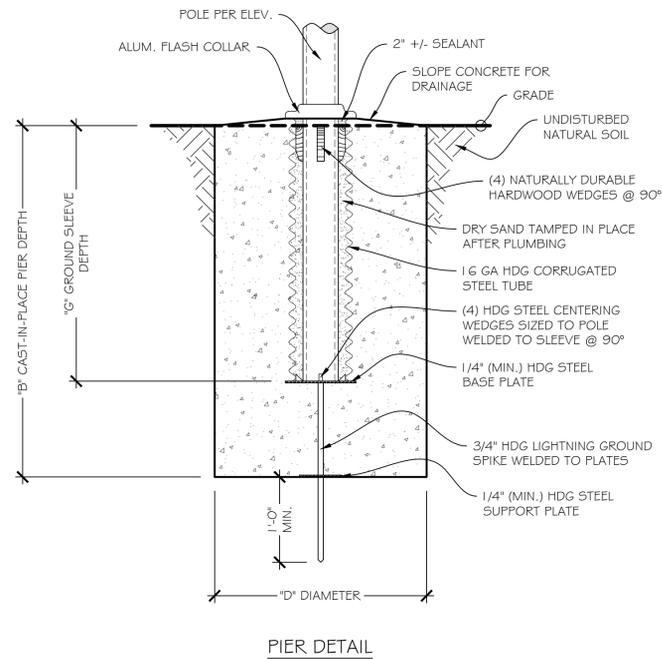
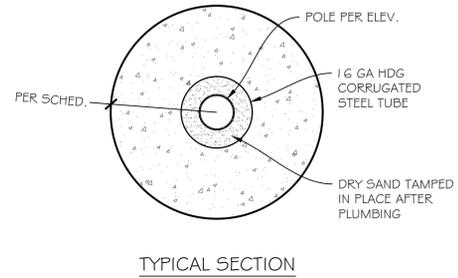
SHEET: S.1

ORIGINAL SHEET SIZE: 24x36

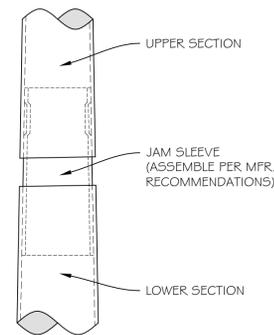
Limits of liability extend only to the work detailed, for the quantity of assemblies indicated (unless noted otherwise), at the location specified, and by the client listed; use of these plans and/or corresponding structural calculations in violation of either voids all liability.



FLAGPOLE SCHEDULE	
<b>FLAGPOLE:</b>	
EXPOSED HEIGHT:	30'-0"
OVERALL POLE LENGTH:	33'-0"
TAPER LENGTH:	17'-3"
THICKNESS:	0.156"
BUTT DIAMETER:	6'-0"
TOP DIAMETER:	3'-5"
MATERIAL:	6063-T6 ALUM.
<b>FOUNDATION:</b>	
CAST-IN-PLACE PIER DEPTH, "D":	4'-3" <sup>1</sup>
CAST-IN-PLACE PIER DIAMETER, "D":	2'-0"
GROUND SLEEVE DEPTH, "G":	3'-0"
<b>FLAG AT TOP OF POLE:</b>	
(1) 6' x 10' U.S. FLAG (OTHER TYPE AS PERMITTED)	
NYLON & COTTON O.K.	
NO POLYESTER	
NOTE: FLAGPOLES ARE DESIGNED IN ACCORDANCE WITH THE GUIDE SPECIFICATIONS FOR DESIGN OF METAL FLAGPOLES (NAAMM FP 1001-07) AS REFERENCED IN THE BUILDING CODE.	



2 FOUNDATION DETAIL



3 CONNECTION DETAIL (WHERE APPLIES)

1 FLAGPOLE ELEVATION



www.reverenceengineering.com  
 (619) 354-1152  
 501 W BROADWAY, STE 425  
 SAN DIEGO, CA 92101

PREPARED FOR:  
 PERSONA SIGNS  
 PROJECT #:  
 2509136

MCDONALDS 43903  
 FLAGPOLE  
 2902 E PIONEER  
 PUYALLUP, WA 98372

No:	Issue/Revision:	Date:
----	Initial Submittal	9-24-2025
1	Updated Soil Class & Pier Depth	11-10-2025
2		
3		
4		

PRSG20251040



10-Nov-25  
 SHEET TITLE:  
 STRUCTURAL  
 SHEET:  
 S.2

ORIGINAL SHEET SIZE: 24x36

The designs, details and specifications contained in this drawing are confidential. The recipients of this drawing hereby acknowledge and agree that it is the sole property of Reverence Engineering and that they shall neither use nor reveal any of the designs, details and specifications contained in this drawing, outside of the contractual agreement expressed written permission from Reverence Engineering. Deviations from this drawing shall not be made without consulting Reverence Engineering. In case of incongruities between drawings, specifications, and details included in contract documents, Reverence Engineering shall decide which indication must be followed and their decision shall be final. Copyright Reverence Engineering. All rights reserved.

# REVERENCE ENGINEERING

STRUCTURAL CALCULATIONS  
for  
**McDonalds 43903 Flagpole**  
at  
2902 E Pioneer  
Puyallup, WA 98372  
Prepared for:  
Persona Signs

Package Type:  
**Revised Package**

Project #:  
**2509136**

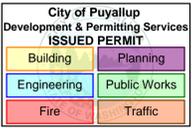
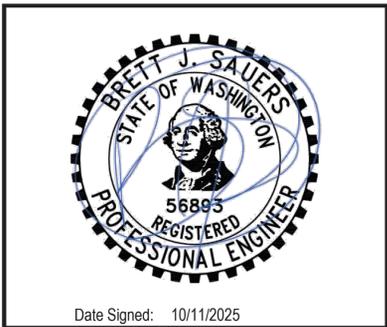
**DESIGN SPECIFICATIONS**

- 1 Washington State Building Code, ref. 2021 IBC
- 2 ASCE 7-16: Minimum Design Loads for Buildings and Other Structures
- 3 ACI 318-14: Building Code Requirements for Structural Concrete
- 4 ANSII/AISC 360-16: Specification for Structural Steel Buildings
- 5 Aluminum Design Manual (ADM-1) 2015

**DESIGN CRITERIA**

::Wind::  $V_{ult} = 100$  mph  
Exposure: C  
::Ground Snow Load::  $p_g = 20$  psf  
::Soils::  
Per Building Code Presumptive Class 5  
Allowable Lateral Bearing: 100 psf/ft  
Allowable Vertical Bearing: 1500 psf

**Reverence Engineering**  
501 W Broadway, STE 425  
San Diego, CA 92101  
(o) 619-354-1152  
projects@reverenceengineering.com



www.reverenceengineering.com  
(619) 354-1152  
501 W BROADWAY, STE 425  
SAN DIEGO, CA 92101

PREPARED FOR:  
PERSONA SIGNS

PROJECT #:  
2509136

MCDONALDS 43903  
FLAGPOLE  
2902 E PIONEER  
PUYALLUP, WA 98372

No:	Issue/Revision:	Date:
----	Initial Submittal	9-24-2025
1	Updated Soil Class & Pier Depth	11-10-2025
2		
3		
4		

**PRSG20251040**



10-Nov-25  
SHEET TITLE:

STRUCTURAL

SHEET:

**S.3**

ORIGINAL SHEET SIZE: 24x36

Limits of liability extend only to the work detailed, for the quantity of assemblies indicated, at the location specified, and by the client listed; use of these plans and/or corresponding structural calculations in violation of either voids all liability.

The designs, details and specifications contained in this drawing are confidential. The recipients of this drawing hereby acknowledge and agree that it is the sole property of Reverence Engineering and that they shall neither use nor reveal any of the designs, details and specifications contained in this drawing, outside of the contractual agreement expressed written permission from Reverence Engineering. Deviations from this drawing shall not be made without consulting Reverence Engineering. In case of incongruities between drawings, specifications, and details included in contract documents, Reverence Engineering shall decide which indication must be followed and their decision shall be final. Copyright Reverence Engineering. All rights reserved.

Project #:  
**2509136**

**McDonalds 43903 Flagpole**  
2902 E Pioneer, Puyallup, WA 98372

**REVERENCE  
ENGINEERING**

**FLAGPOLE WIND LOADING - ANSI/NAAMM FP 1001-07 APPROACH**

h =  ft Exposed Height      d<sub>b</sub> =  in Butt diameter      V =  mph Basic Wind Speed  
 T =  ft Tapered Height      d<sub>t</sub> =  in Top diameter      G = 1.14 - Gust effect factor  
 S = 12.75 ft Straight Pole Height      t =  in Pole thickness      m = -0.145 in/ft Taper slope

**POLE WIND LOADS**

Sect.	z (ft)	L (ft)	d (in)	A (ft <sup>2</sup> )	C <sub>h</sub>	V x d	C <sub>d</sub>	P	W <sub>p</sub>	M (k-ft)
1	12.75	6.375	6	6.375	0.86	50	0.7979	20.025	101.85	0.6493
2	15	13.875	5.837	1.0944	0.86	48.641	0.827	20.755	18.784	0.2606
3	18	16.5	5.4565	1.3641	0.8661	45.471	0.9027	22.816	28.095	0.4636
4	21	19.5	5.0217	1.2554	0.8971	41.848	1.0056	26.327	33.236	0.6481
5	24	22.5	4.587	1.1467	0.9245	38.225	1.1	29.68	37.438	0.8424
6	27	25.5	4.1522	1.038	0.9492	34.601	1.1	30.472	34.794	0.8873
7	30	28.5	3.7174	0.9293	0.9717	30.978	1.1	31.194	31.889	0.9088
8										
9										
10										
11										
12										
13										
14										

Base Bending Moment: 4.66 k-ft  
Base Shear: 286.09 lb

**FLAG LOADS**

Type: Nylon or Cotton      Type: Polyester  
 b =  ft Flag height      b =  ft Flag height      +      Base Bending Moment: 2.3419 k-ft  
 w =  ft Flag width      w =  ft Flag width           Base Shear: 86.737 lb  
 A<sub>F</sub> = 60 ft<sup>2</sup> Flag area      A<sub>F</sub> = 0 ft<sup>2</sup> Flag area  
 C<sub>h</sub> = 0.9823 - Coefficient of height      C<sub>h</sub> = 0.86 - Coefficient of height      +      Base Bending Moment: 0 k-ft  
 W<sub>F</sub> = 86.737 lb Force on Flag      W<sub>F</sub> = 0 lb Force on Flag           Base Shear: 0 lb

**TOTAL LOADS**

Base Bending Moment: 7.00 k-ft  
Base Shear: 0.3728 kip

**POLE CHECK AT BASE**

Alloy: 6063      Temper: T6

M<sub>u</sub> = 7.00 k-ft      F<sub>u</sub> = 30 ksi      F<sub>y</sub> = 25 ksi      k<sub>t</sub> = 1  
 Yielding      Rupture  
 d<sub>b</sub> =  in      Z = 5.4461 in<sup>3</sup>      φ<sub>b</sub> = 0.9 -      φ<sub>b</sub> = 0.75 -      φM<sub>n</sub> = 10.211 k-ft  
 t =  in      S = 4.0845 in<sup>3</sup>      M<sub>np</sub> = 11.346 k-ft      M<sub>nu</sub> = 13.615 k-ft      D/C: 0.6857 OK

**CAST-IN-PLACE PIER DESIGN**

b =  ft Footing diameter\*      Soil Class:   
 M<sub>u</sub> = 7.00 k-ft Moment at grade      V<sub>u</sub> =  k Shear at grade      ω = 1.3 Per IBC 1605.3.2  
 M<sub>s</sub> = 4.2012 k-ft Service M (0.6\*M<sub>u</sub>)      V<sub>s</sub> = 0.224 k Service V (0.6\*V<sub>u</sub>)      P = 290.8 lb Lateral Wind Force  
 s = 100 psf/ft Lateral Bearing per IBC Table 1806.2  
 s' = 267 psf/ft Increased per IBC 1806.1 & 1806.3.4

ITERATION PER IBC 1807.3.2.1

h = 18.78 ft      S1 = 407.16 psf  
d = 4.5749 ft      A = 0.8356 ft

**DESIGN RESULTS**

MIN. PIER DEPTH: 4 ft and 7 in      Ratio  
MIN. PIER DIAMETER\*: 2 ft and 0 in      2.291666667

\*Also refers to diagonal of a square or rectangle



www.reverenceengineering.com  
(619) 354-1152  
501 W BROADWAY, STE 425  
SAN DIEGO, CA 92101

PREPARED FOR:

PERSONA SIGNS

PROJECT #:

2509136

MCDONALDS 43903  
FLAGPOLE

2902 E PIONEER  
PUYALLUP, WA 98372

No.	Issue/Revision:	Date:
----	Initial Submittal	9-24-2025
1	Updated Soil Class # Pier Depth	11-10-2025
2		
3		
4		

**PRSG20251040**



10-Nov-25

SHEET TITLE:

STRUCTURAL

SHEET:

S.4

ORIGINAL SHEET SIZE: 24x36

Limits of liability extend only to the work detailed, for the quantity of assemblies indicated (unless noted otherwise), at the location specified, and by the client listed; use of these plans and/or corresponding structural calculations in violation of either voids all liability.

The designs, details and specifications contained in this drawing are confidential. The recipients of this drawing hereby acknowledge and agree that it is the sole property of Reverence Engineering and that they shall neither use nor reveal any of the designs, details and specifications contained in this drawing, outside of the contractual agreement expressed written permission from Reverence Engineering. Deviations from this drawing shall not be made without consulting Reverence Engineering. In case of incongruities between drawings, specifications, and details included in contract documents, Reverence Engineering shall decide which indication must be followed and their decision shall be final. Copyright Reverence Engineering. All rights reserved.