**Approved**

Manufacturer's Pole Plan Approved For Listing As A Pre-Approved Drawing WSDOT Bridge & Structures Office

By GB Date 1-21-2014

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**Material Specifications**
- Steel Grade: A36
- Minimum Yield After Fabrication: 33 ksi
- ASTM A-36
- ASTM A-595 CR A
- ASTM A-1018

**Base Plate**
- ASTM A-36 Std.
- ASTM A-500 Grade B

**Anchor Bolts**
- ASTM A-355 Grd. 55
- ASTM A-355 Grd. 50
- ASTM A-123/A123M-11

**Hardware**
- GRIFU DESG.
- BUTT WELD AT FIRE
- ELECTRIC MIG WELD
- BUTT WELD W/ PERMANENT BACK-UP RING (CONTRACT)

**Notes**
- Welds: All butt welds to be ground flush with base metal.
- Welding of structures shall be in accordance with the latest edition of the AWS D1.1 Structural Welding Code - Steel.
- Tapered round shaft, with 0.14 taper, with a 1/2" O.D. Sup. Fitter: GB (114)
- Originating Info: PS-8-FB-RWG

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**Type PS-8-FB-RWG No.**
- Pole Height
- 120' FEED BASE

**Dimension in ( ) are metric. Heights are converted from feet.**

**Reference**
- Washington O.C.T. Standard Plan
- 6-1 Pedestrian Push-Button Post (120 ft.)
- 3-30-16-01 Pedestrian Signal Standard
- 2-15-19-01 Type 1 Signal Standard
- 8-20-15-01 Type 3 Signal Standard

**Pole Shaft Thicknesses for Type P 9/16" x 11 Ga.**
- Type P 8/32" N.P.
- Type P 8/32" N.P.

**Ashto 2009 Design Parameters:**
1. Location: Washington State
2. Basic Wind Speed: 110 MPH
3. Basic Life: 50 Years
4. Fatigue Category: A

**For P.S. poles with "C" mounting pedestal signals, pole will be 11' tall with the same charted dimensions as the Type 1 Pole.**

**For Curb Base Mount Application Anchor Bolt Size shall be 3/4" x 24" all thread.**

**Truss Steel Signal Standard**
- Type P
- PS, 1, RM, & FB Details

**Drawn Date**: 1/14/2014
**Rev Date**: 10/17/2014
**Prepared By**: T.M. Fawcett
**Approved By**: W.A. State Signal Standard
**Description**: PS, 1, RM, FB Details

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**Designation**
- PS-8-FB-RWG
- 120' FEED BASE

**Pole & Post Details**
- Anchor Bolt Details
- (4) Bolts Per Ass'y

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**Diagram Details**
- Anchor Bolt Template
- Plate Template for P.B. Post
- Plate Template for PS, 1, RM, & FB Poles

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**Approval**
- Approved By: GB
- Date: 1-21-2014