



FRONT ELEVATION VIEW

NOTES:

1. PEDESTRIAN PUSHBUTTON AND SIGN ASSEMBLY - MAY BE SEPARATE PARTS. USE 9" (IN) X 12" (IN) R10-25 SIGN IN ACCORDANCE WITH 2009 MUTCD.
2. SEE **WSDOT STANDARD PLAN J-21.10** FOR SIGNAL STANDARD FOUNDATION WITH FIXED BASE AND SLIP BASE DETAILS.
3. SEE **WSDOT STANDARD PLAN J-21.16** FOR SIGNAL STANDARD DETAILS NOT SHOWN.
4. SEE **WSDOT STANDARD PLAN J-21.17, DETAIL C** FOR WIRING DETAILS NOT SHOWN.
5. SEE **WSDOT STANDARD PLAN G-24.10** FOR SIGN INSTALLATION ON STEEL STANDARD DETAILS.
6. TERMINATE RRFB CONNECTIONS PER MANUFACTURER'S RECOMMENDATION.
7. CONTROL CABINET ENCLOSURE SHALL BE SIZED BY THE RRFB MANUFACTURER. THE CONTROL CABINET SHALL BE MANUFACTURED PER TERMINAL CABINET REQUIREMENTS OF **WSDOT STANDARD SPECIFICATION SECTION 9-29.25**.
8. ALL RRFB SYSTEMS SHALL BE A.C. POWERED. SOLAR UNITS MAY BE PERMITTED AT THE DISCRETION OF THE CITY ENGINEER. A SOLAR POWER UNIT MAY BE INSTALLED ON TOP OF THE MOUNT.
9. RRFB DISPLAYS SHALL BE LED TYPE MEETING THE INTENSITY REQUIREMENTS OF SAE J595 FOR CLASS 1 YELLOW, BUT SHALL NOT EXCEED 1000 CANDELAS DURING DAYLIGHT AND 500 CANDELAS AFTER DARK.
10. RRFB SYSTEM SHALL BE MANUFACTURED BY "CARMANAH®"



CITY OF GIG HARBOR
ENGINEERING DIVISION

RECTANGULAR RAPID FLASHING BEACON WITH SIGNAGE (RRFB)

DETAIL NO.

2-68A

APPROVED FOR PUBLICATION
CITY ENGINEER _____ DRAFT

11/27/2024
DATE DRAFT

MECHANICALLY SECURED POLE CAP
OR
SOLAR PANEL IF APPLICABLE

W11-2
30" (IN) x 30" (IN)

CONTROL CABINET
ENCLOSURE ~ MOUNT
CENTERED BEHIND SIGN
(SEE NOTE 7)

STEEL STRAP (TYP.)
(SEE NOTE 5)

RECTANGULAR
RAPID-FLASHING BEACON

W16-7PR
OR W16-7PL

MECHANICALLY SECURED POLE CAP
OR
SOLAR PANEL IF APPLICABLE

PEDESTRIAN PUSHBUTTON
AND SIGN ASSEMBLY
(SEE NOTE 1)

CONTROL CABINET
ENCLOSURE
(SEE NOTE 7)

W11-2
30" (IN) X 30" (IN)

W11-2
30" (IN) x 30" (IN)

MATCHLINE

SIDE ELEVATION VIEW

UNI-DIRECTIONAL CONFIGURATION
DETAILS

RECTANGULAR
RAPID-FLASHING BEACON

RECTANGULAR
RAPID-FLASHING BEACON

W16-7PR
AND W16-7PL

W16-7PR
OR W16-7PL

* SEE DETAIL 2-68A FOR NOTES

PEDESTRIAN PUSHBUTTON
AND SIGN ASSEMBLY
(SEE NOTE 1)

MATCHLINE

SIDE ELEVATION VIEW

BI-DIRECTIONAL CONFIGURATION
DETAILS



CITY OF GIG HARBOR
ENGINEERING DIVISION

RECTANGULAR RAPID
FLASHING BEACON WITH
SIGNAGE (RRFB)

DETAIL NO.

2-68B

APPROVED FOR PUBLICATION
CITY ENGINEER _____

DRAFT

DATE 11-26/2024
DRAFT