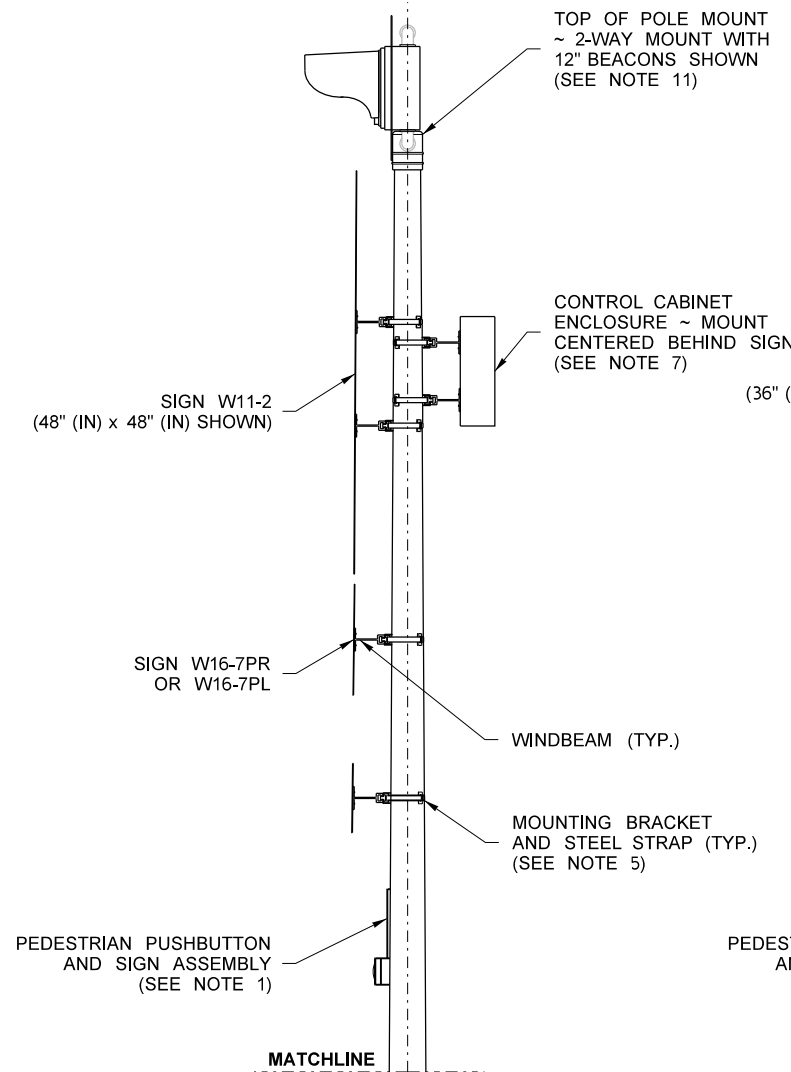
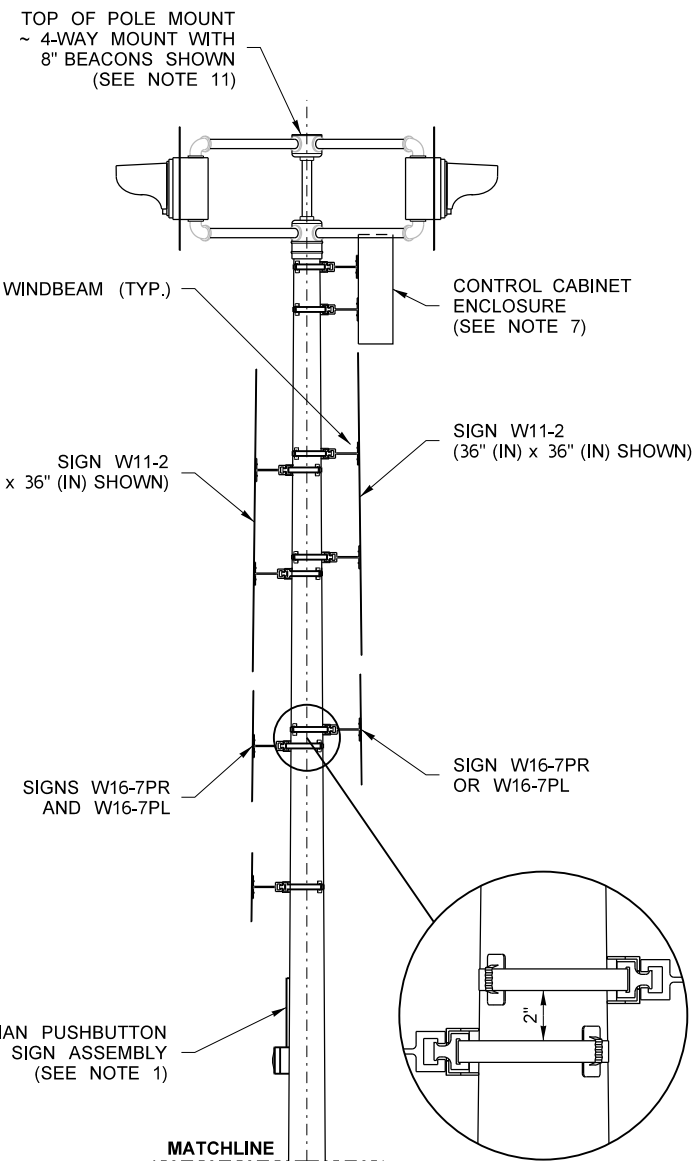


FRONT ELEVATION VIEW
RAPID-FLASHING BEACON
 SLIP BASE AND CONCRETE SQUARE
 FOUNDATION SHOWN (SEE NOTES 2 & 4)



SIDE ELEVATION VIEW
 UNI-DIRECTIONAL CONFIGURATION
 DETAILS



SIDE ELEVATION VIEW
 BI-DIRECTIONAL CONFIGURATION
 DETAILS



W11-501
 (12" x 12")

PEDESTRIAN SYMBOL HEIGHT - 4" (IN)
 BICYCLE SYMBOL HEIGHT - 3" (IN)
 LETTERS - 1" C
 LEGEND - BLACK
 BACKGROUND - YELLOW

NOTES

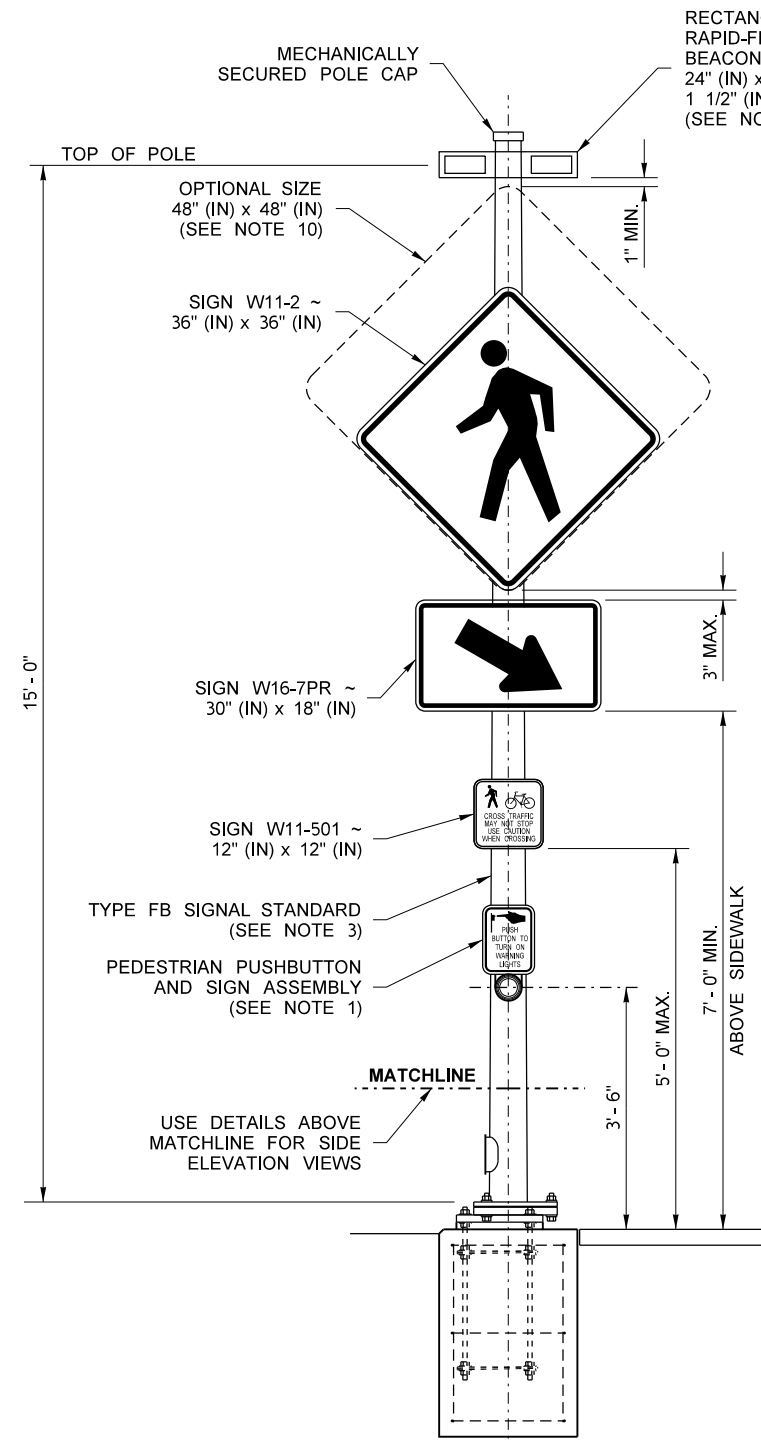
1. PEDESTRIAN PUSHBUTTON AND SIGN ASSEMBLY - MAY BE SEPARATE PARTS. USE 9" (IN) X 12" (IN) R10-25 SIGN IN ACCORDANCE WITH 2009 MUTCD. SIGN MAY INCLUDE INTEGRATED WARNING LIGHTS.
2. SEE STANDARD PLAN J-21.10 FOR SIGNAL STANDARD FOUNDATION WITH FIXED BASE AND SLIP BASE DETAILS.
3. SEE STANDARD PLAN J-21.16 FOR SIGNAL STANDARD DETAILS NOT SHOWN.
4. SEE STANDARD PLAN J-21.17, DETAIL C FOR WIRING DETAILS NOT SHOWN.
5. SEE STANDARD PLAN G-30.10 FOR SIGN INSTALLATION ON SIGNAL STANDARD DETAILS.
6. TERMINATE RFB CONNECTIONS PER MANUFACTURER'S RECOMMENDATION.
7. CONTROL CABINET ENCLOSURE SHALL BE SIZED BY THE RFB MANUFACTURER. THE CONTROL CABINET SHALL BE MANUFACTURED PER TERMINAL CABINET REQUIREMENTS OF STANDARD SPECIFICATION SECTION 9-29.25.
8. TOP OF POLE MOUNT MAY USE STANDARD PARTS MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 9-29.17, OR MAY BE PURPOSE-BUILT FOR THIS APPLICATION. A SOLAR POWER UNIT MAY BE INSTALLED ON TOP OF THE MOUNT.
9. SIGNAL DISPLAYS SHALL BE YELLOW LED TYPE, MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 9-29.16(2)A. OUTPUT SHALL NOT EXCEED 1000 CANDELAS DURING DAYLIGHT AND 500 CANDELAS AFTER DARK.
10. SIGNAL DISPLAYS SHALL USE CAP VISORS. HOUSINGS, VISORS, AND BACKPLATES SHALL BE ALUMINUM. BACKPLATES SHALL BE 5 INCHES WIDE AND SHALL NOT HAVE REFLECTIVE TAPE.
11. THE SIZE OF THE SIGNAL DISPLAYS AND W11-2 SIGNS SHALL BE AS FOLLOWS:

FOR POSTED SPEEDS OF 35 MPH OR LOWER:
 8 INCH DISPLAYS AND 36" x 36" W11-2 SIGNS

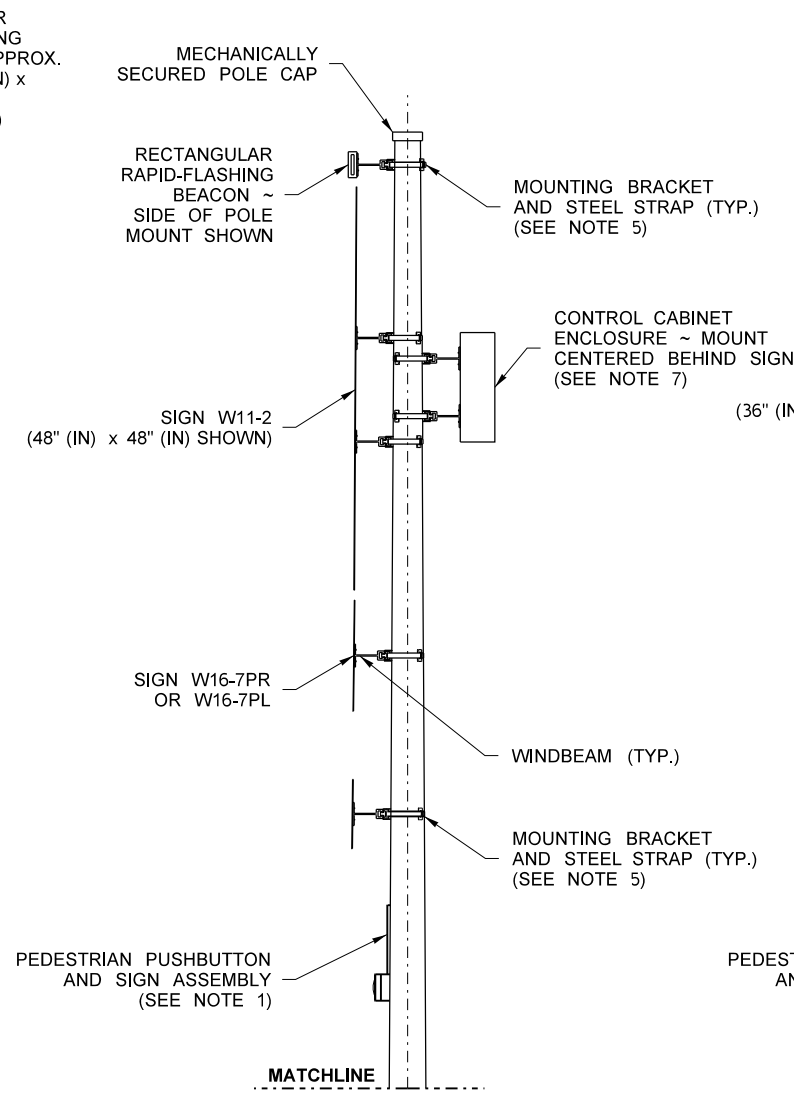
FOR POSTED SPEEDS OF 40 MPH OR HIGHER:
 12 INCH DISPLAYS AND 48" x 48" W11-2 SIGNS.

**RAPID-FLASHING BEACON
 CIRCULAR TYPE
 (CRFB)**

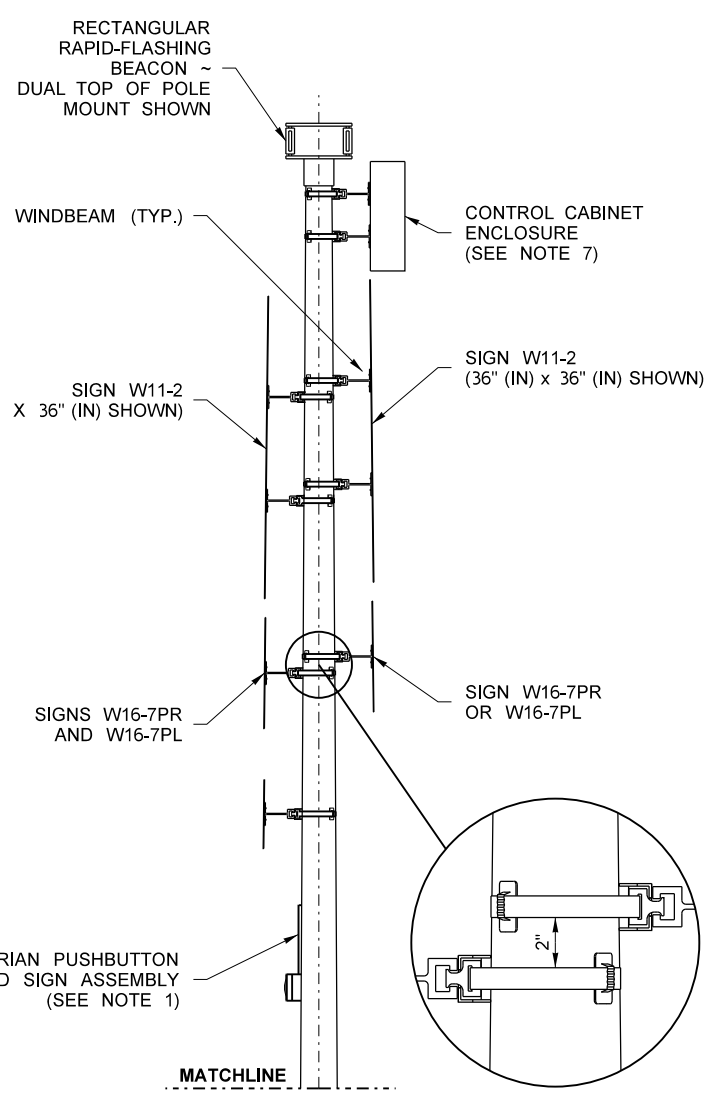
FILE NAME	S:\Design R P& S\4-Standards\2-Plan Sheet Library\01-Published PSL\IS Illumination, Signals, and ITS\IS-22 & IS-23 Rectangular Rapid Flashing Beacon (RRFB) & Pedestrian Crossing Details\IS-22_Rev1.dgn					<p>Washington State Department of Transportation</p>	Plot 1
TIME	1:07:26 PM	REGION NO.	10	STATE	WASH		PLAN REF NO
DATE	4/23/2018	JOB NUMBER	FED.AID PROJ.NO.			IS-22	
PLOTTED BY	liddelf	CONTRACT NO.	LOCATION NO.				
DESIGNED BY		DATE		BY		SHEET 1 OF 2 SHEETS	
ENTERED BY		REVISION					
CHECKED BY						RFB DETAILS	
PROJ. ENGR.							
REGIONAL ADM.							



FRONT ELEVATION VIEW
RAPID-FLASHING BEACON
 SLIP BASE AND CONCRETE SQUARE FOUNDATION SHOWN (SEE NOTES 2 & 4)



SIDE ELEVATION VIEW
UNI-DIRECTIONAL CONFIGURATION
 DETAILS



SIDE ELEVATION VIEW
BI-DIRECTIONAL CONFIGURATION
 DETAILS



W11-501
(12" x 12")
 PEDESTRIAN SYMBOL HEIGHT - 4" (IN)
 BICYCLE SYMBOL HEIGHT - 3" (IN)
 LETTERS - 1" C
 LEGEND - BLACK
 BACKGROUND - YELLOW

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. SIGN MAY INCLUDE INTEGRATED WARNING LIGHTS.
2. SEE STANDARD PLAN J-21.10 FOR SIGNAL STANDARD FOUNDATION WITH FIXED BASE AND SLIP BASE DETAILS.
3. SEE STANDARD PLAN J-21.16 FOR SIGNAL STANDARD DETAILS NOT SHOWN.
4. SEE STANDARD PLAN J-21.17, DETAIL C FOR WIRING DETAILS NOT SHOWN.
5. SEE STANDARD PLAN G-30.10 FOR SIGN INSTALLATION ON SIGNAL STANDARD DETAILS.
6. TERMINATE RFB CONNECTIONS PER MANUFACTURER'S RECOMMENDATION.
7. CONTROL CABINET ENCLOSURE SHALL BE SIZED BY THE RFB MANUFACTURER. THE CONTROL CABINET SHALL BE MANUFACTURED PER TERMINAL CABINET REQUIREMENTS OF STANDARD SPECIFICATION SECTION 9-29.25.
8. BEACON ASSEMBLY MAY BE MOUNTED ON THE TOP OF THE POLE OR ON THE SIDE OF THE POLE. 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. FOR POSTED SPEEDS OF 35 MPH OR LOWER, THE W11-2 SIGNS SHALL BE 36" x 36". FOR POSTED SPEEDS OF 40 MPH OR HIGHER, THE W11-2 SIGNS SHALL BE 48" x 48".

RAPID-FLASHING BEACON
RECTANGULAR TYPE
(RRFB)

FILE NAME	S:\Design R P& S\4-Standards\2-Plan Sheet Library\01-Published PSL\IS Illumination, Signals, and ITS\IS-22 & IS-23 Rectangular Rapid Flashing Beacon (RRFB) & Pedestrian Crossing Details\IS-22_Rev1.dgn					<p>Washington State Department of Transportation</p>	Plot 2
TIME	1:08:14 PM	REGION NO.	10	STATE	WASH		PLAN REF NO
DATE	4/23/2018	JOB NUMBER		CONTRACT NO.	LOCATION NO.	SHEET 2 OF 2 SHEETS	
PLOTTED BY	liddelf	REVISION		DATE	BY		
DESIGNED BY						RFB DETAILS	
ENTERED BY							
CHECKED BY							
PROJ. ENGR.							
REGIONAL ADM.							