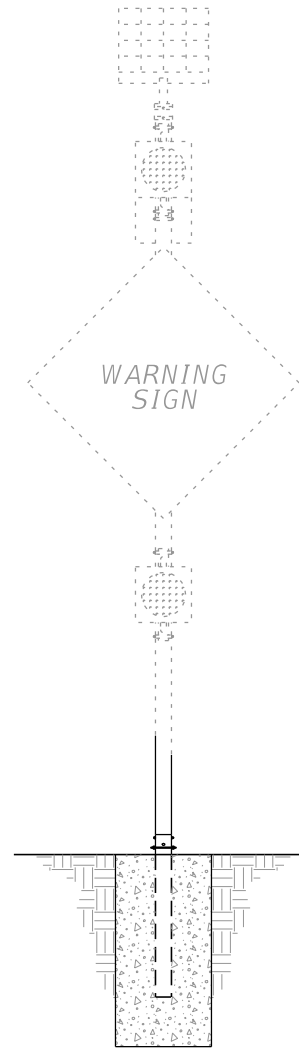
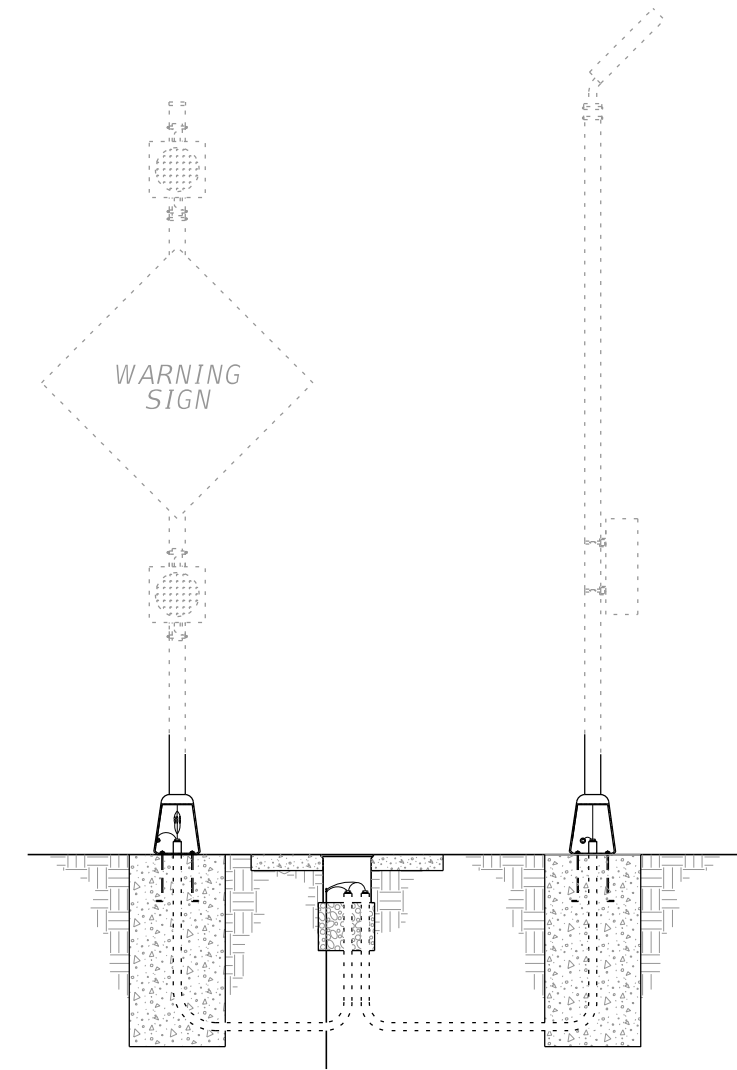


CONVENTIONAL POWERED BEACON
(With Transformer Base & Pull Box)



SOLAR POWERED BEACON
(With Slip Base)




SOLAR POWERED BEACON WITH AUXILIARY POLE
(With Transformer Base & Pull Box)

GENERAL NOTES:

1. Use aluminum materials that meets the requirements of Aluminum Association Alloy 6061-T6 (ASTM B209, B221, B308 or B429), except as noted in the Plans.
2. Install sign panel, wind beam and columns in accordance with Index 700-010 and Specifications 700.
3. Install sign column so that the height and offset are in accordance with Index 700-101.
4. When aluminum column (post) are installed with a frangible transformer bases, engage all threads on the transformer base and post unless the aluminum post is fully seated into base.
5. Meet the requirements of Specifications 646 for aluminum poles and transformer bases.
6. Install a concrete slab around all flashing beacon assemblies on slopes 6:1 or greater. The minimum slab dimension is 4'-0" by 5'-0".
7. Install a concrete slab around all pull boxes. The minimum slab dimension is 4'-0" by 4'-0". In urban areas where space is limited slab dimensions may be adjusted as shown in the plans.
8. For beacon assemblies connected to conventional power, provide single pole non-fused watertight breakaway electrical connectors in the frangible transformer base.
9. Install the connection of controller cabinet and solar panel to the column in accordance with manufacturer's recommendations.
10. When wire entry holes are drilled in the sign column, use a bushing or rubber grommet to protect conductors.
11. Orient solar panel to face South for optimal exposure to sunlight.

Corrected Title All Sheets

10/27/2017 10:05:01 AM

LAST REVISION 07/27/17	REVISION	DESCRIPTION:	 FY 2018-19 STANDARD PLANS	<p style="color: red; font-size: 1.2em; font-weight: bold;">ELECTRONIC DISPLAY SIGN - ROADSIDE FLASHING BEACONS</p>	INDEX 700-120	SHEET 1 of 9
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