



- NOTES**
1. WARNING BEACONS PROVIDE SUPPLEMENTAL EMPHASIS TO WARNING SIGNS. RECTANGULAR RAPID FLASHING BEACONS FUNCTION AS WARNING BEACONS SPECIFICALLY FOR PEDESTRIAN, SCHOOL, AND TRAIL WARNING SIGNS AT MARKED CROSSWALKS ACROSS UNCONTROLLED APPROACHES. LED UNITS IN A SIGN OR SUPPLEMENTAL PLAQUE LEGEND OR BORDER DO NOT CONSTITUTE A WARNING BEACON.
  2. THIS DRAWING SHOWS TYPICAL BEACON INSTALLATION DETAILS. THE DETAILS FOR QPL APPROVED PROPRIETARY SYSTEMS MAY VARY.
  3. LOCATE RRFB POLES AS SHOWN IN THE PLANS AND IN ACCORDANCE WITH STANDARD DRAWING 656-15. LOCATE WARNING BEACON POLES AS SHOWN IN THE PLANS.
  4. A FRANGIBLE COUPLING SYSTEM BASE CAN BE SUBSTITUTED FOR A FRANGIBLE CAST ALUMINUM BASE.
  5. ENSURE PUSHBUTTON ASSEMBLY, CONTROLLER CABINET, AND SECONDARY SIGNS DO NOT PROTRUDE MORE THAN 4 INCHES HORIZONTALLY INTO ADJACENT PEDESTRIAN CIRCULATION PATHS IN ACCORDANCE WITH STANDARD DRAWING 614-1.
  6. THE HEIGHT TO THE BOTTOM OF A SECONDARY SIGN MOUNTED BELOW ANOTHER SIGN MAY BE 1 FOOT LESS THAN THE HEIGHT SHOWN PROVIDED THE CONDITIONS IN NOTE NO. 4 ARE MET.
  7. USE STEEL CONDUIT ELBOWS IN CONCRETE BASES AND TO EXTEND ELBOWS BEYOND CONCRETE FOUNDATION.
  8. TERMINATE SPARE STUB OUTS WITH A STEEL COUPLING AND PLASTIC PUSH PLUG AT BOTH ENDS.
  9. PROVIDE CONTROLLER CABINET ENCLOSURE APPROPRIATE FOR THE WARNING BEACON OR RRFB SYSTEM. LOCATE CABINET AS SHOWN IN THE PLANS.
  10. INSTALL PEDESTRIAN PUSHBUTTONS IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS.
  11. DRAWING NOT TO SCALE.

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

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**IDAHO TRANSPORTATION DEPARTMENT**



BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN  
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING

**FLASHING BEACONS**

REQ. STANDARD DRAWINGS 656-3 & 656-15

**English**

STANDARD DRAWING NO. **657-1**

SHEET 1 OF 1

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

