

## Building Design Phase

New building is proposed.  
Building is designed with the knowledge that a Zone Enhancer may be needed.

## Construction Phase

Developer hires CADI to do an in-building radio coverage test to determine if a zone enhancer (BDA) is required

CADI Fills Out Zone Enhancer Initial Coverage Testing Form

CREST provides CADI with an internal tracking number for the project

CADI test and sends the coverage results to CREST

Passed Radio Coverage Test?

Zone Enhancer is not required

CADI designs a distributed antenna system with a BDA to provide coverage to the building

CADI submits an application and design to CREST

CREST reviews documentation and applies for a zone enhancer licence with ISED

## Building ¾ through completion

CREST authorizes CADI to begin installing infrastructure & BDA. **BDA remains switched OFF and disconnected from infrastructure**

ISED approves licence application for a zone enhancer (3-7 week lead time)

## Building near completion - Doors and windows must be installed before commissioning

CREST notifies CADI to licence has been approved and a commissioning date can be set

CADI commissions the zone enhancer system and performs a coverage test. The BDA is switched **OFF** after commissioning

CADI sends completed coverage results, design package and commissioning form with P. Eng. Approval to CREST

## Occupancy

CREST reviews documents and provides a Final Authorization Letter to the CADI upon approval

CADI coordinates Fire Marshal Test

CADI switches on the Zone Enhancer System

CREST provides the Annual Inspection Form to CADI

Occupancy Issued

CADI Performs Annual Inspections and provides CREST and Fire Department with report

## Glossary

**CADI** - CREST Approved Designer and Installer of Zone Enhancers  
ie. Cartel, RadioWorks, Victoria Mobile Radio

**BDA** – Bi-Directional Amplifier

**ISED** - Innovation, Science and Economic Development Canada

