

CADD Standards

Xsec.dgn

July 2013

There are 3 different lines to represent “existing ground” in a cross section:

1. Exst Grnd (Existing Ground)
2. Exst Grnd Assumed (Existing Ground Assumed)
3. Exst Grnd Void (Existing Ground Void)

“Exst Grnd” is used in areas of reliable survey data. “Exst Grnd Assumed” is in areas of an obscured surface. The obscured areas are often represented with a separate dtm or tin. “Exst Grnd Assumed” should also be used in areas where designers make assumptions or guesses about the existing ground such as under water assumptions. “Exst Grnd Void” is for areas where there is no reliable survey data and no assumptions are being made. The Exst Grnd Void line is used just to provide a continuous surface.

The following wetland information should be shown on proposed cross sections if applicable.

- Limits of delineated wetland
- Limits of onsite mitigation area – Enough cross sections should be cut to clearly show beginning and end of the area along with the elevation. For example cross sections should be cut near the beginning, center and near the end of each mitigation site.
- Included “Other Waters” line to distinguish limits of deep water areas (water deeper than 6.6’)
- Important mitigation elevations should be labeled.
- If the mitigation wetlands have an irregular shape, additional information should also be included in the plans.