



Geotechnical 2015

Release notes

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# Release notes

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Thank you for upgrading to the latest version of the CADS Geotechnical Suite.  
These release notes summarise the enhancements and the corrections that have been made.

## Geotechnical CD: March 2015

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### Piled Wall Suite

#### Version 5.31 (build 253)

The following corrections have been made in this version of Piled Wall Suite:

1. The pressure diagram for data with a change in the pile level has been corrected;
2. Minor fixes have been made to the cofferdam plan and wall section drawings;
3. An error importing data created with version 5.26 which caused the data read to be aborted has been fixed;
4. The number of construction stages selected for analysis by default has been increased to include all changes to excavations and ground slopes. Users can still select or deselect any construction stage for analysis at their own discretion;
5. Some small errors in the cross-section drawing form have been corrected;
6. The Copy Drawing function now works with the latest version of Microsoft Word;
7. A program crash caused by a zero disturbing moment has been fixed.

#### Version 5.28 (build 249)

The following corrections have been made in this version of the Piled Wall Suite:

1. The program crashed if a passive slope was input greater than the angle of internal friction of the soil when the EC7 option was selected. An error message now appears so that the input may be changed;
2. The program changed the cofferdam frame number without intervention during data entry.



# Geotechnical CD: August 2012

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## Piled Wall Suite

### Version 5.26 (build 248)

The following enhancements have been made in this version of the Piled Wall Suite:

1. The steel sections library has been redesigned to allow retrieval of sections based on name rather than position in the tables which improves operation with old and shared job files.

The following corrections have been made:

1. A program crash was fixed which occurred when the active slope equalled the active  $\phi$  value with EC7 soil coefficients.
2. A problem was fixed relating to the application of pre-bore in king piles.
3. A problem was fixed relating to setting prop deflection data for multi-prop walls.
4. Piled Wall Suite can now be used on monitors with a screen resolution that exceeds 2560 × 1440 pixels if required.
5. Selecting the largest SSP section as an anchor pile no longer crashes.
6. A crash caused by deleting water pressure points has been fixed.
7. A crash caused by printing graphs with all zero values has been fixed.
8. In the Options → Deflection settings → Walings screen, the maximum input 'l' value has been increased from 100,000 to 2,000,000 cm<sup>4</sup> to accommodate the largest available twin sections.



# Geotechnical CD: January 2012

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## Bearing Pile Designer

### Version 1.09 (build 56)

The following correction has been made in this version of the Bearing Pile Designer:

1. Some issues with the software licensing have been resolved.

## Piled Wall Suite

### Version 5.19 (build 229)

The following enhancements have been made in this version of the Piled Wall Suite:

1. Piled Wall Suite now implements support for Eurocode 7;
2. The user interface has been completely redesigned in a more logical tabbed format;
3. The sheet pile section library has been expanded and brought up to date with obsolete section tables clearly marked;
4. A new optional module has been provided for the analysis and design of anchorages for tied walls.

Please contact CADS if you would like to upgrade your copy of the Piled Wall Suite to include this module.

## ReSlope

### Version 1.20 (build 47)

The following correction has been made in this version of ReSlope:

1. Some issues with the software licensing have been resolved.



# Geotechnical CD: September 2010

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## Bearing Pile Designer

### Version 1.09 (build 51)

The following enhancement has been made in this version of the Bearing Pile Designer:

1. The software licensing system has been updated to be consistent with the CADs Design and Detailing 2010 software CDs.

## Piled Wall Suite

### Version 4.24 (build 133)

The following enhancement has been made in this version of the Piled Wall Suite:

1. The software licensing system has been updated to be consistent with the CADs Design and Detailing 2010 software CDs.

## ReSlope

### Version 1.20 (build 43)

The following enhancement has been made in this version of ReSlope:

1. The software licensing system has been updated to be consistent with the CADs Design and Detailing 2010 software CDs.



# Geotechnical CD: June 2008

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## Bearing Pile Designer

### Version 1.08 (build 48)

The following enhancements have been made in this version of the Bearing Pile Designer:

1. Access to the manual and demonstrations is now available via the application Help menu.
2. The CADS Online feature has been introduced to let you know the latest product information. The frequency of display is configurable.

## Piled Wall Suite

### Version 4.23 (build 129)

The following correction has been made in this version of the Piled Wall Suite:

1. This version resolves a problem that only affected the active side pressures and only portions of the pressure diagram that were not increasing hydrostatically. In such cases the head has to vary linearly with depth and the linear interpolation has now been revised to do this correctly.

## ReSlope

### Version 1.19 (build 38)

The following enhancement has been made in this version of ReSlope:

1. Access to the manual and demonstrations is now available via the application Help menu.

The following corrections have been made:

1. Corrected an error whereby a tension crack (if specified) was applied incorrectly at the foot of the slope as well as at the top.
2. Corrected the operation of double-clicking (.rsp) data files.



## Post-installation notes

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Once you have installed the Geotechnical software, it must be authorised before it can be used. The procedure is the same for stand-alone and network installations. For network installations, you should ensure you have the necessary permissions to write to and create directories on your server drive before starting.

To start the software, select the 'Ground Engineering' icon from the Desktop or 'CADS' program group (Start->Programs) and then click on the module that you require. If the program is not authorised the licence manager will be invoked automatically, through which a licence can be requested.

At any time, a licence can be requested by pressing the "Licensing Wizard..." button and the application can be licensed by pressing the "Enter/Import Licence Codes..." button of the CADS Licence Manager.

For details please refer to the CADS Licence Manager help.

If you have any questions about this procedure, please contact our Technical Support department who will be happy to help.



You can contact us via:

- ▶ Our website support centre at [http://www.cadsglobal.com/support\\_home.html](http://www.cadsglobal.com/support_home.html)
- ▶ Email on [support@cadsglobal.com](mailto:support@cadsglobal.com)
- ▶ Telephone on (01202) 603733 from Monday to Friday between 09:30 and 17:00
- ▶ Fax on (01202) 658549