



March 24th, 2008

ADS ARC 36 / ARC 36 HC Approved Chamber Sizing for Pitkin County, Colorado.

Advanced Drainage Systems, Inc.(ADS) has been granted approval for the new ARC 36 and ARC 36 High Capacity chambers in Pitkin County Colorado.

ADS Chamber Dimensions

ARC 36 = 34.5" wide x 13" tall x 5'-0" length engaged.
ARC 36 High Capacity = 34.5" wide x 16" tall x 5'-0" length engaged.

Trench Calculations ARC 36 / ARC 36 HC = 12.34 SF/Unit.

Pitkin County allows for a .7 multiplier to gravel square footage for chamber use in trench applications

$$1000 \text{ sf} \times .7 = 700 \text{ sf.}$$

$$700 \text{ sf} \div 12.34 = 57 \text{ ADS chambers (round up to next whole number).}$$

Dosed Trench Calculations ARC 36 / ARC 36 HC = 12.34 SF/Unit.

Pitkin County allows for a .5 multiplier to gravel square footage for chamber use dosed trench applications

$$1000 \text{ sf} \times .5 = 500 \text{ sf.}$$

$$500 \text{ sf} \div 12.34 = 41 \text{ ADS chambers (round up to next whole number).}$$

Bed Calculations ARC 36 / ARC 36 HC = 12.34 SF/Unit.

Pitkin County allows for a .9 multiplier to gravel square footage for chamber use in bed applications

$$1000 \text{ sf} \times .9 = 900 \text{ sf.}$$

$$900 \text{ sf} \div 12.34 = 73 \text{ ADS chambers (round up to next whole number).}$$

Dosed Bed Calculations ARC 36 / ARC 36 HC = 12.34 SF/Unit.

Pitkin County allows for a .7 multiplier to gravel square footage for chamber use in dosed bed applications

$$1000 \text{ sf} \times .7 = 700 \text{ sf.}$$

$$700 \text{ sf} \div 12.34 = 57 \text{ ADS chambers (round up to next whole number).}$$

Installation Instructions for the ADS ARC 36 and ARC 36 High Capacity leachfield chambers can be found at www.ads-pipe.com. These installation instructions apply to ADS chambers installed in Pitkin County Colorado.

REGIONAL CONTACT :

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