

Alignment Sheet Generator – Water Distribution Network

Comprehensive package for Water Distribution Network System



<http://www.secon.in>

About SECON

SECON is an ISO 9001:2000 certified firm with over 800 personnel. In addition to Multidisciplinary design consultancy services, SECON provides end-to-end services on Geospatial & Engineering including Data Capture, Processing, Design & Drafting, GIS Based Customization and Application Development.

SECON's practice areas include:

- Comprehensive Engineering and Mapping solutions for Highways, Irrigation, Cross Country Pipelines, Infrastructure, Public Health Engineering etc. on Onshore - Offshore model
- Web-enabled Enterprise GIS and Software Development
- Photogrammetry, LiDAR and Satellite Image Processing
- GIS/ CADD Data Development and Maintenance
- Engineering Design Solutions

Introduction

SECON has developed ASG-WDN that is fully related to Water Distribution Network System. Utilizing the latest AutoCAD technology and SECON's industry expertise, the ASG-WDN provides a complete tool to prepare engineering drawing for Water pipeline.

This application provides an efficient and effective way to generate vertical alignment, profile and various reports. It helps to customize information that can be plotted on alignment sheets. Besides generating alignment sheets, it allows to deal with engineering data. Option to perform desired operation pertaining to pipe and bends like insertion of thrust block, tee piece, end cap, valves (butterfly valve, gate valve, washout valve and air valve), fire hydrant etc.

ASG-WDN is equipped with functionality to upload data from design drawing file and from CSV (Comma Separated Values) files. It keeps track of voluminous data belonging to each project & settlement combination and allows you to set parameter/ properties of project to generate better and effective output.

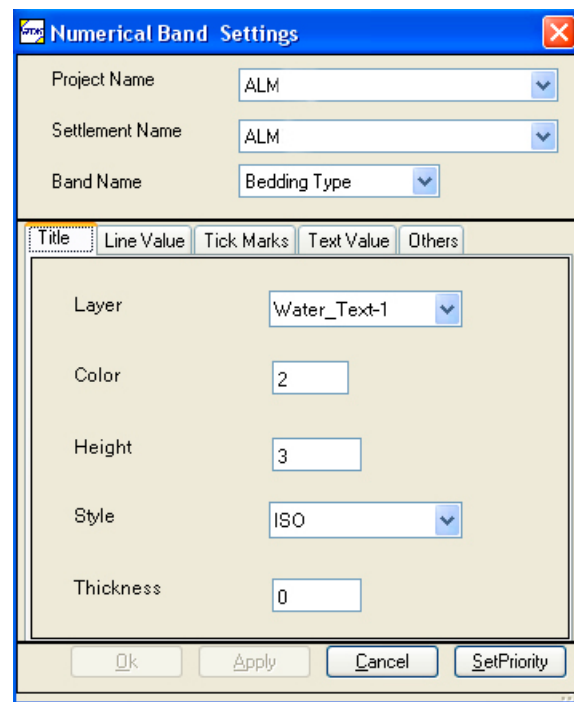
The strength of this application is in its control by the user. End users can completely customize the alignment sheet format to exactly meet the standard output format of the organization. It eliminates manual or semi-automated alignment sheet generation and engineering data management, which consume a lot of time and effort. It is user-friendly, accurate, efficient and fast alignment sheet generation tool ushered for the rescue of companies offering consultancy services for pipeline industry.



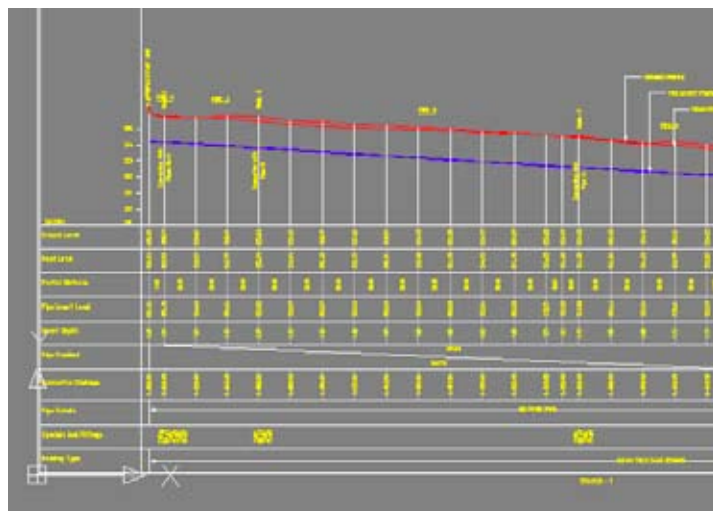
GIS is our Passion. Quality is our Commitment.

What ASG - WDN does for you:

- Facility to read and store AutoCAD Design drawing into database for future use
- Facility to read and store CSV files, Survey and Proposed Road files
- Facility to load design data
- Excellent Project Settings which includes General, Profile, Numeric bands, Valves/Fittings, Template, Specials, Road etc.
- Generation of Digital terrain model
- Generation of vertical alignment and insertion of Bends, Specials, Valves, Tee Piece, and Reducers
- Generation and management of Profiles
- Automatic Pipe Gradient calculation and displaying
- Systematic arrangement of drawing objects into relevant layers for ready reference and analysis
- Facility to add new road type, valves and fittings
- Facility to set the output path
- Facility to set the database connection
- Generate Pipe, Node, Special and Fittings reports
- Generate Lift based soil details report required for earthwork



Numerical Band Settings



Vertical Profile

What benefits you will get:

- Proper management and efficient storage of data
- Intelligent user interface gives you comfortable feeling
- ASG-WDN gives you instant access to reports. All desired reports are available at the click of a button
- You will be an expert of using ASG-WDN within a few hours
- Extensive security mechanisms to protect data and application from unauthorized access with the help of hardware lock and login feature

Contact Us

Bangalore Operations Center

Plot #147, 7B Road, Export Promotion Industrial Park (EPIP), Whitefield, Bangalore - 560 066 INDIA
 Phone: (91) 80-41197778 Fax: (91) 80-41194277 Email: bd@secon.in Website: <http://www.secon.in>
 From USA (Toll free): USA – 727-493-2214

Florida, USA

Dhyan Appachu,
 SECON Private Limited LLC
 10460 Roosevelt Blvd N, Ste 387
 St Petersburg, FL 33716
 Phone: 727-493-2214, Fax: 727-499-6945
 E-mail: dhyan.appachu@secon.in

Libya:

Rupesh Shah,
 SECON Private Limited
 P.O Box 13456,
 Tripoli, Libya
 Phone: (218) 914624857
 Email: rupesh.shah@secon.in