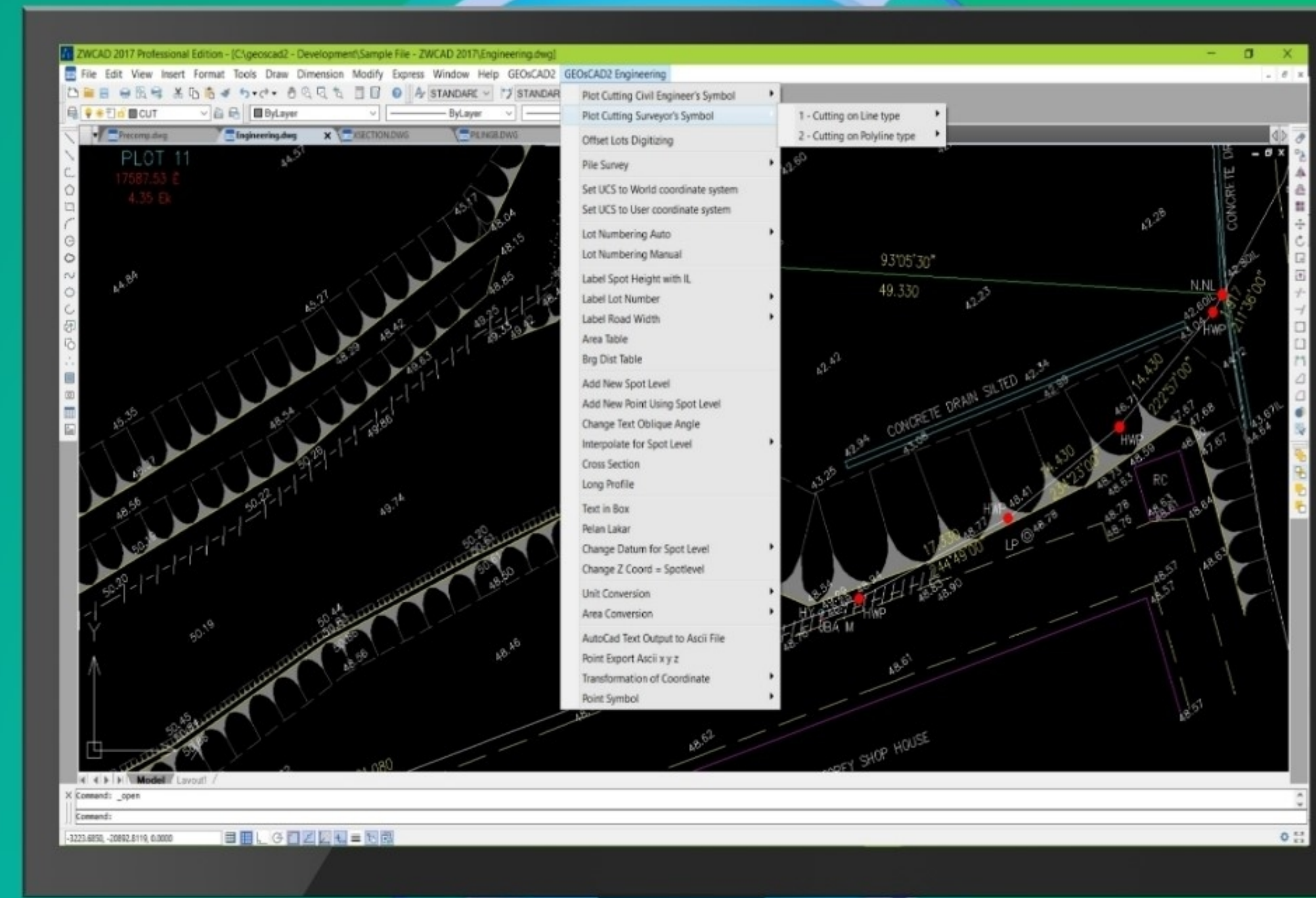


Specialized Add-On Module to CAD Software

“Housing Plan Layout Made Easier with GEOsCAD2 Smarter Offset Function and Many Other Tools to Ease the Laborious Ways of the Past”



~ Specialized Tools to Accelerate Your Efficiency, Accuracy and Productivity

~ Drastic Reduction on Errors

~ Short Learning Curve

~ Affordable Cost-effective Add-on

~ Add-on Module to ZWCAD and AutoCAD Software

What is GEOsCAD2 ?

GEOsCAD2 is an add-on 2D drafting application tools for ZWCAD and AutoCAD Software with large collection of productivity CAD routines for Land Survey drawings creation.

Developed based on more than 20 years end-user industry experience, GEOsCAD2 offers automation of routines work while strictly adhering to industry requirements. GEOsCAD2 helps you create excellence drawings, reduce errors, and save time.

Who Needs GEOsCAD2 ?

GEOsCAD2 is an essential CAD tools developed specially for Geomatics Land Surveyors and Drafters, providing the automation or semi-automation of drafting to avoid tedious routines and repetitive manual work normally required to get the job done. GEOsCAD2, a must-have, inexpensive and highly productive CAD drafting tool.

GEOsCAD2 Features

Auto / Manual Labeling Tools

- * Bearing Distance, Area, Lot Number
- * Area Units (M2 / Ha / Ek / Kp)
- * Coordinates, Road Width
- * Reverse Bearing, Add Bearing Spacing

Text & Points Tools

- * Insert Spot Height with IL
- * Interpolate Spot Height
- * Set Point Elevation to Zero
- * Change Datum for Spot Level

Traverse Line Tools

- * Radiate Line from Station
- * Misclose Report, Adjust Misclose
- * Multi B-poly Function for Lot Parcel

Insert Tools

- * Boundary Marks (With Auto Rim Option)
- * Cutting Symbol (Polyline / Line)
- * Auto Insert Point Symbols (EP, LP, TP, MP)

Cross Section & Long Profile Plotting

- * Generate Cross Section and Long Profile Plotting from XYZ-points

System Requirements

GEOsCAD2 V.17 are designed to support with following CAD Platform :

- ZWCAD 2017 Std /Pro (SP2 & above)
- ZWCAD Pro Classic
- ZWCAD 2015 Std/Pro (SP3 & above)

Operating Systems compatible with

- Windows XP
- Windows 7 (32/64-bits)
- Windows 8 / 10 (64-bits)

cadfocus

Bearing and Distance
Label Bearing Distance (Automatic (Batch)/Manual):
- Line (Entity)
- Break Line (Auto Break)
- 2-Points
- Polygon (Close Boundary)
Reverse Bearing
Add Bearing Spacing

Area
Calculate & Label Area:
- By Automatic (Batch)
- By Manual (Individual)
- By Points
- Measurements Units (M2, Ha, Ek, Kp)

Lot Number
Label Lot Number
- Automatic (Batch)
- Manual (Individual)
Add (PT / PTD / PTB / PLOT / A / C....) To Lot Number
Pelan Lakar

Road Width
Label Road Width
- Vertical / Horizontal
- Meter /Feet

Insert Symbol Tools
Boundary Marks (Trim / Without)
Cutting Symbol — Civil Engineer Style (Fill / Without)
Cutting Symbol — Surveyor Style (Fill / Without)
Points Symbol (LP / EP / TP / MH / HWP....)
Insert Stone Number (New)

Spot Level
Change Datum (Text / Point Level)
Add IL to Spot Height

Interpolate
Spot Level
Cross Section

Points
Label Coordinates Point
Add, Interpolate, Change Datum
Set Point Elevation to Zero (eg. Z=0)
Exports (X, Y, Z)

Traverse Line
Plot (Stn.No., Bearing & Distance)
Radiate from Station
Misclose Adjustment Methodology:
- Bowditch / Transit / Crandall / Misclose Report
Po and New Adjust

Cross Section
Generate Cross Section from XYZ-points

Long Profile
Generate Long Profile from XYZ-points
Copy Center Line Point (New)

Pile Survey
Set Pile Number
ASCII Output for X Y
ASCII Output for Bearing Dist X Y
Pile Deviation Asbuilt

Others
PolyLines - Multi B-poly
Line - Break Lot Lines
Set All Entities / Object to Elevation = 0
Offset Lot Lines

TEXT
Rotate Text (Align / Vertical / Horizontal)
Change Text Oblique Angle (New)

Unit Conversion
For Distance & Spot Levels (Feet/Meter/Link /Inches)
For Point (Feet / Meter / Link)
For Area (Acre / Hectare / Sq Meter / Sq Feet)

Transformation Coordinate
Cassini to RSO
RSO to Cassini
RSO to MRT
MRT to RSO

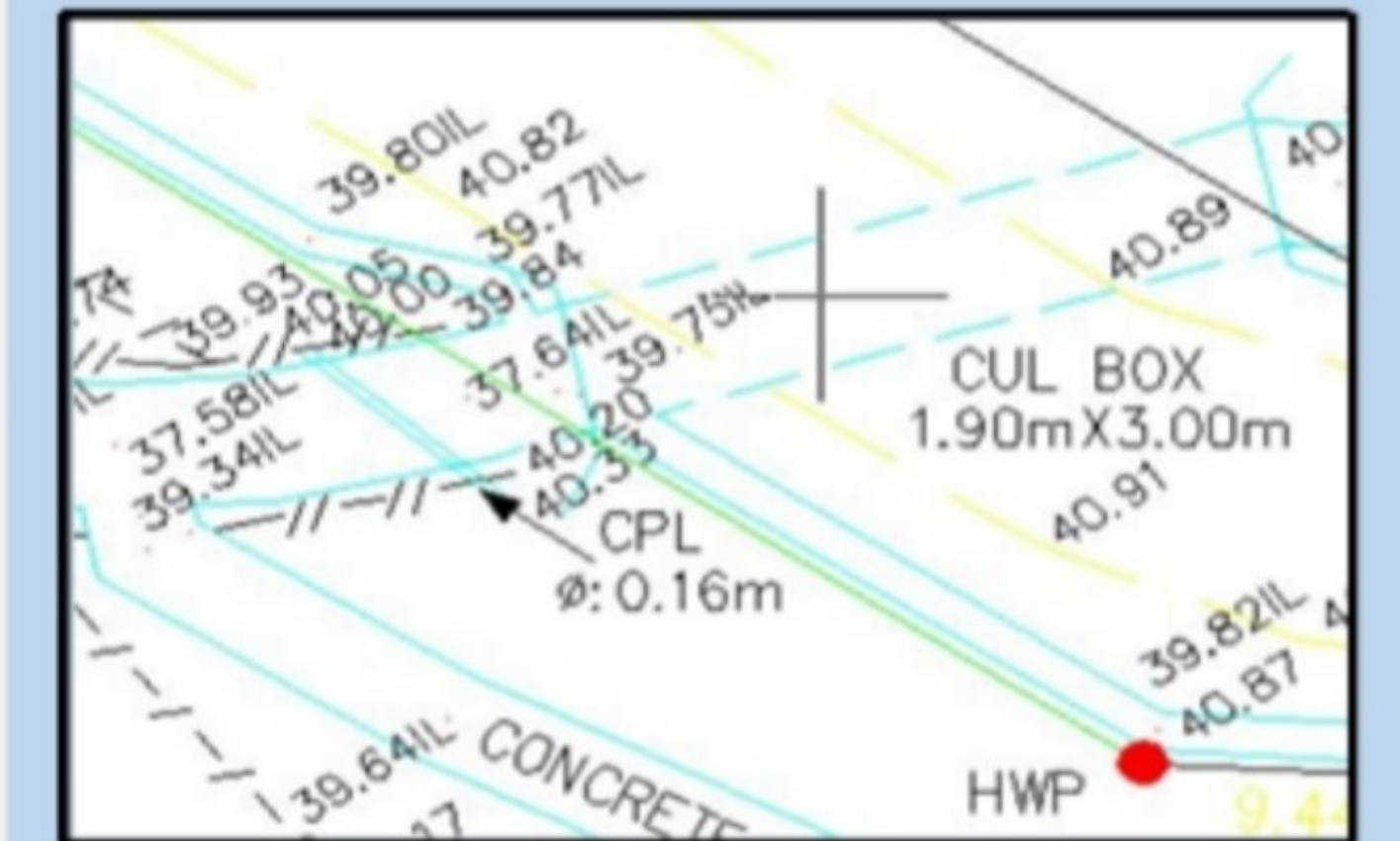
Table
Area Table
Bearing Distance Table
Coordinate Table (New)

Display Coordinate Format
Standard / Sabah & Sarawak (New)

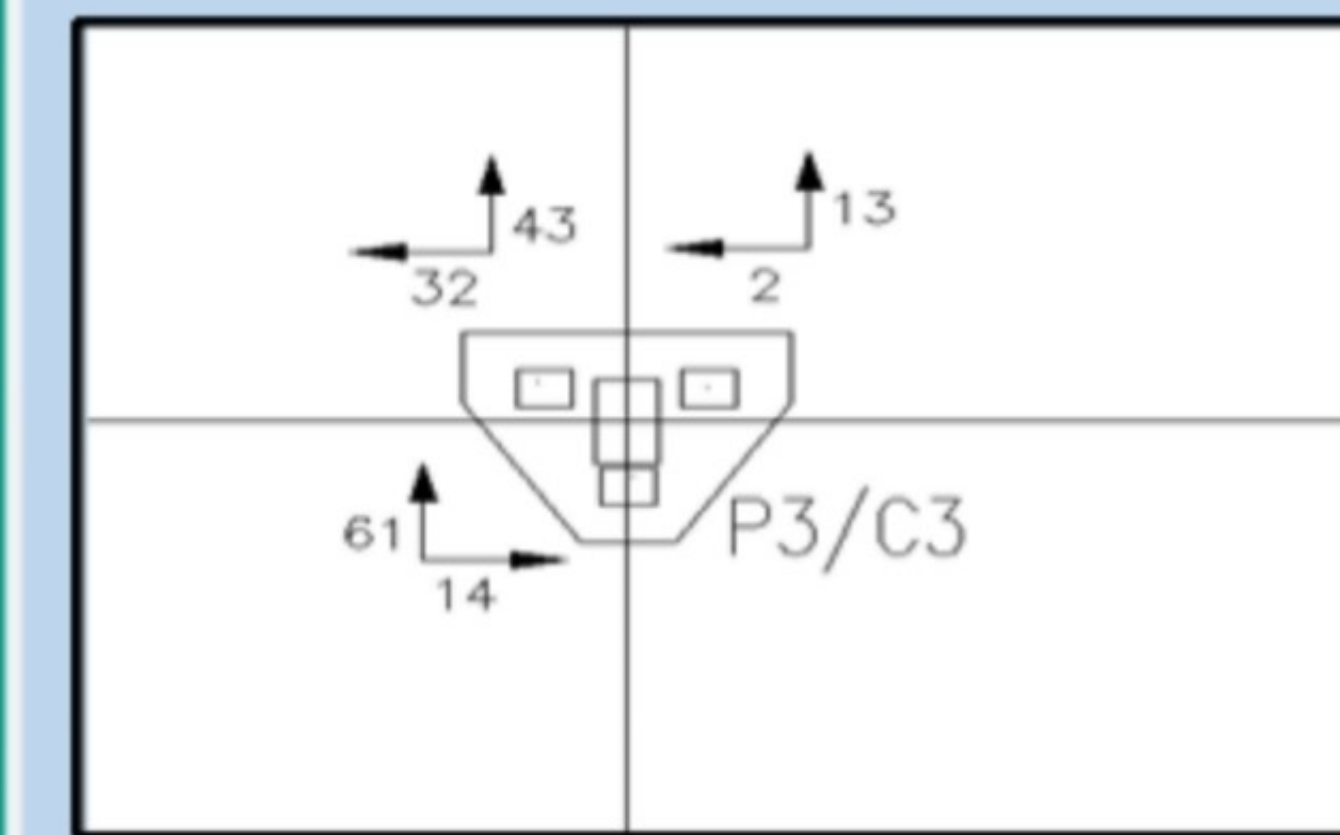
Drop Down Menu

GEOsCAD2 GEOsCAD2 Engineering	
Brg Dist Line	1 - B/D
Brg Dist With Break Line	2 - D/B
Brg Dist Point 2 Point	3 - B_D/
Brg Dist Polygon	4 - B/
.....	5 - D/
Brg Dist Settings	6 - B D/
Reverse Brg	7 - D B/
Add Brg Spacing	8 - B_D

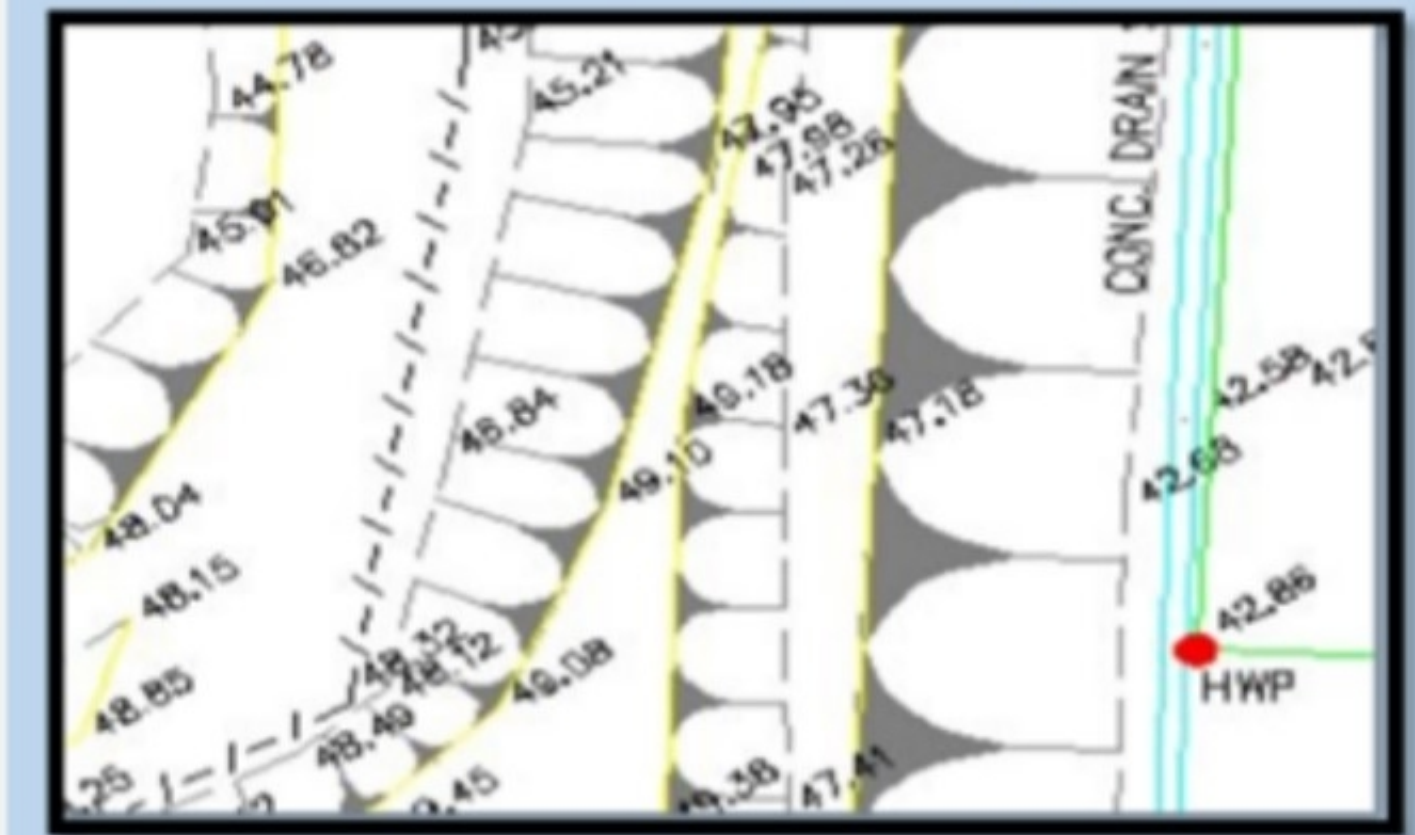
Auto Point Symbols



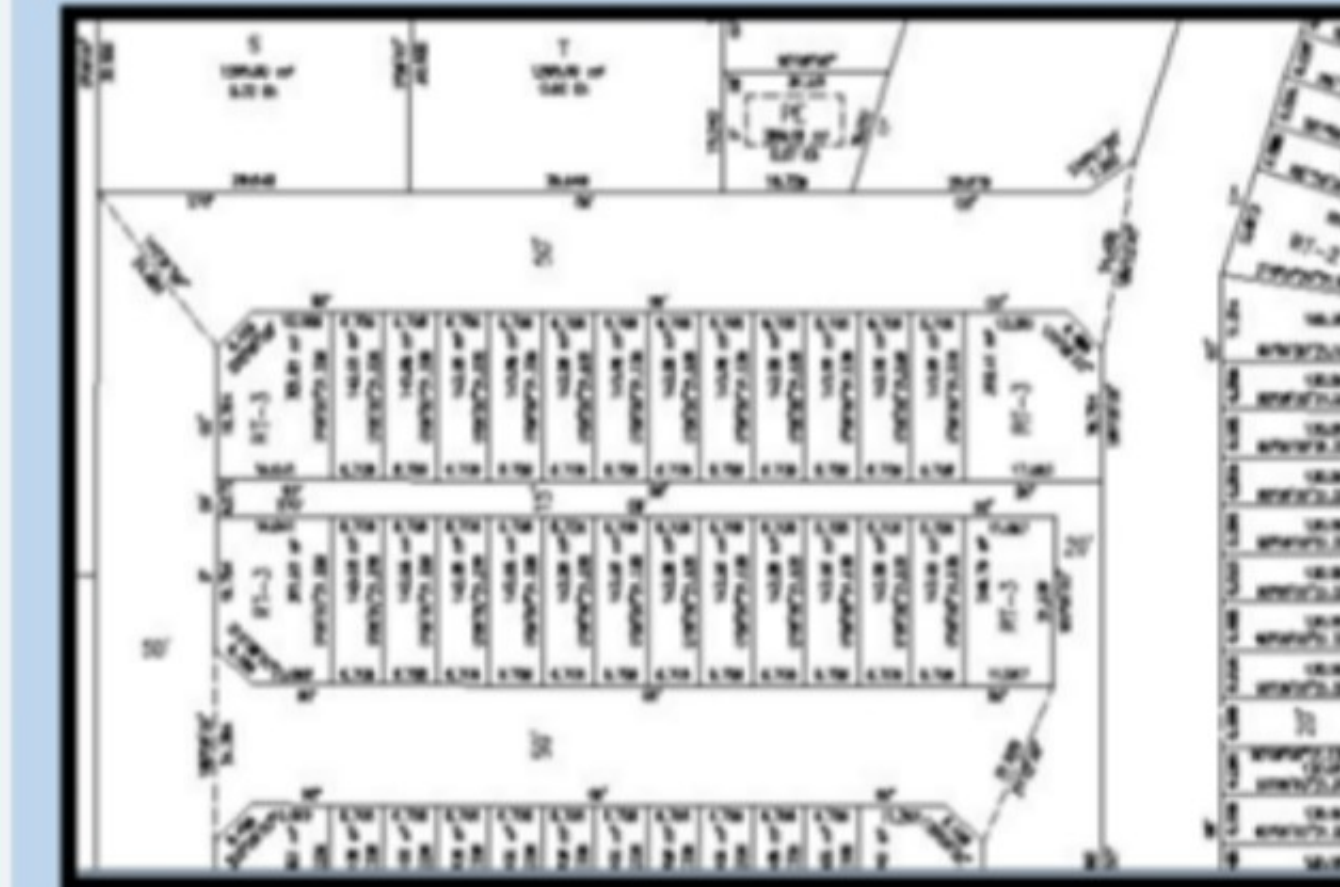
Pile Survey



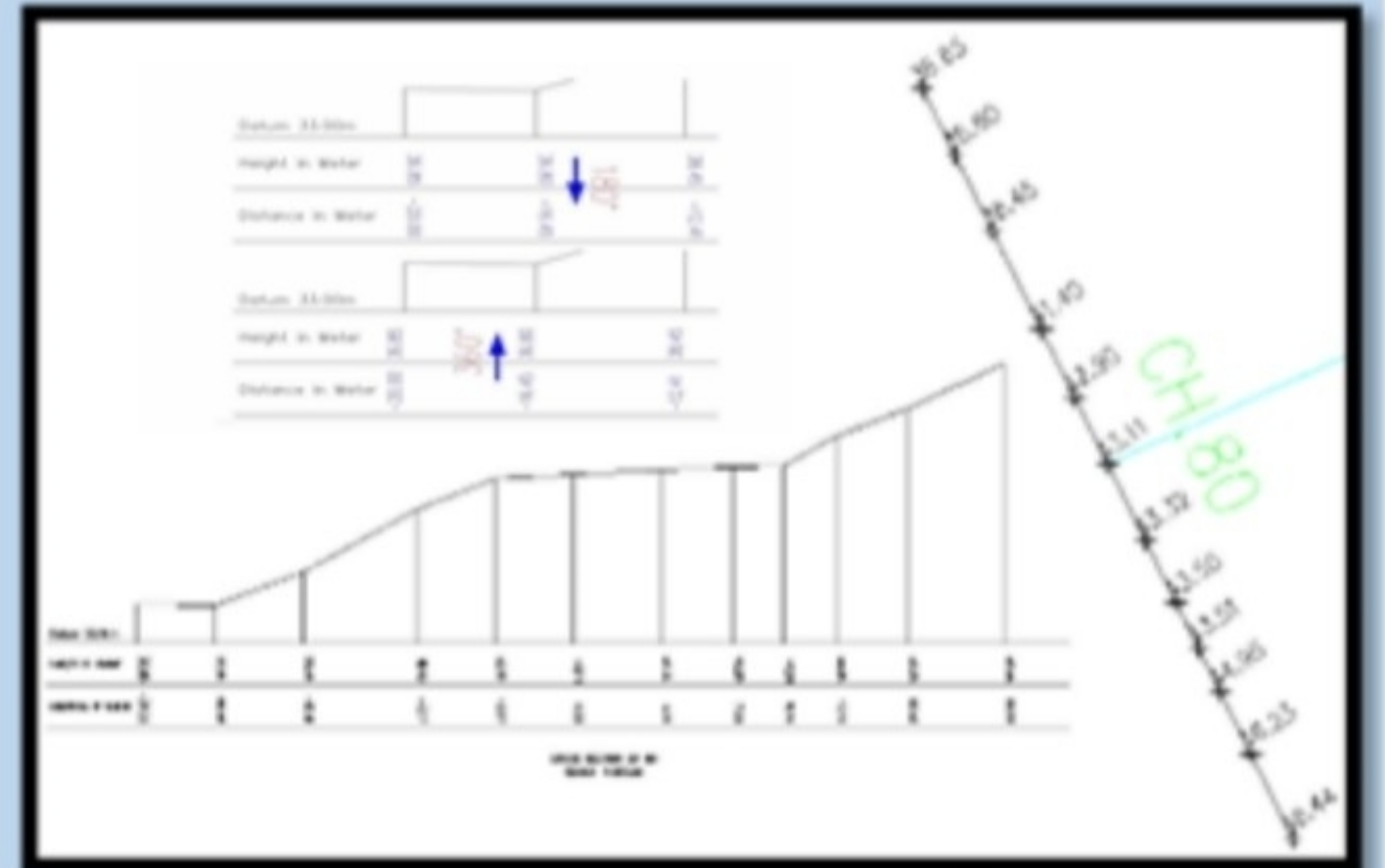
Plot Cutting Surveyor's



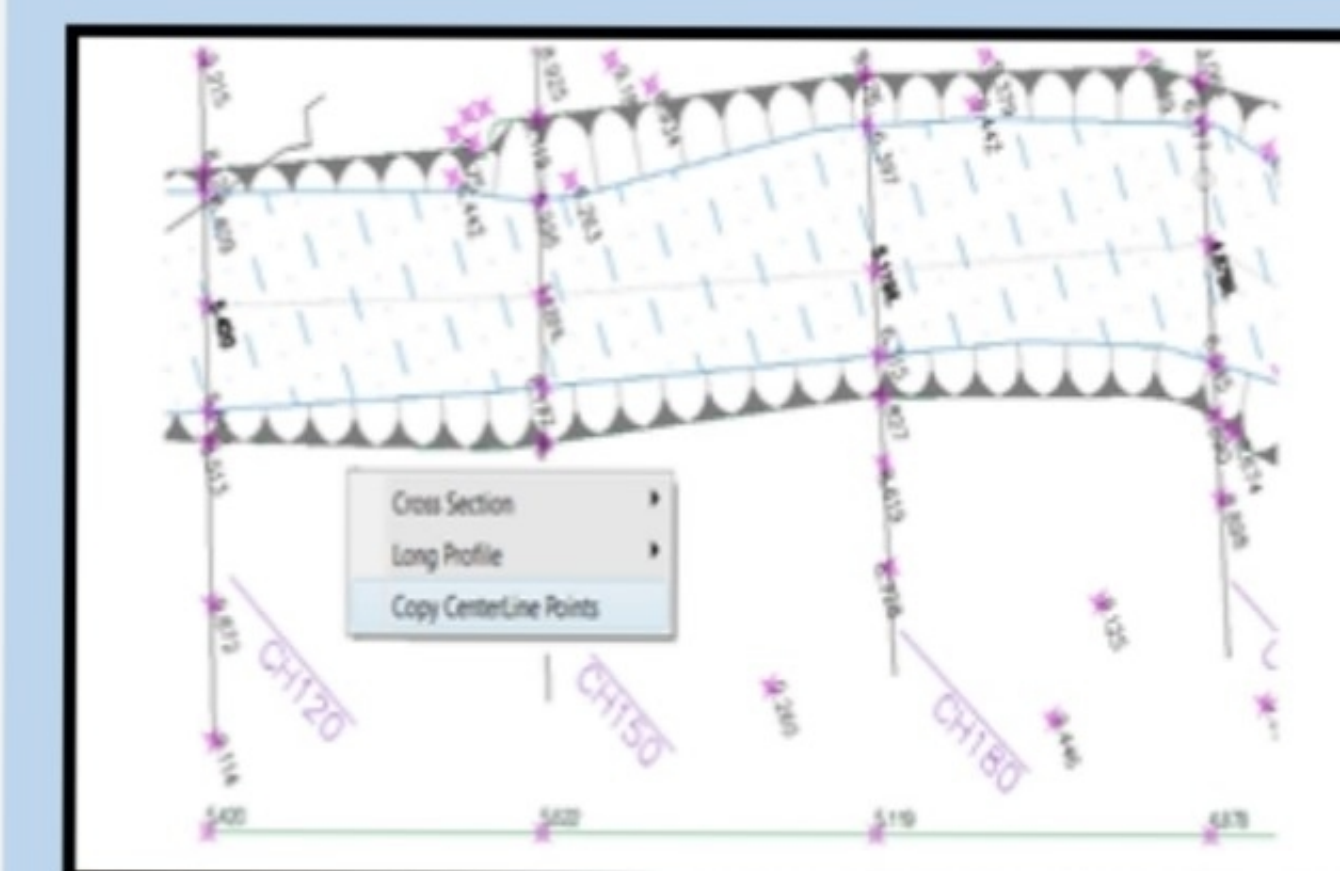
Auto Bearing, Distance, and Lot Number



Cross Section & Long Profile



Copy CentreLine Points



Area / Coordinates Table

No	Bearing	Jarak
1	350°36'30"	0.000
2	42°06'40"	29.063
3	145°06'00"	20.280
4	55°06'00"	15.173
5	150°29'00"	4.475
6	240°27'20"	44.585
7	330°27'40"	14.103

CONTACT US

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