

Auto Crete RLC (Residential Light Commercial)

Drawing

1. Drawing Walls using Definition
2. Trace Over Drawing
3. Radius Drawing
4. Two Wall line Drawing
5. Draw Footings with Wall Line.
6. 2d and 3d Wall Drawing
7. Wall Drawing Using Xdata
8. Draw Footing Lines using Trace
9. Draw or Place Pilasters and Corner Pilasters
10. Place Pier Pads, and Caissons
11. Place Columns
12. Draw or Place Interior Footings
13. Draw Retaining Footings
14. Add Basic Rebar to Walls, Piers, etc.
15. Draw Curb and Gutter
16. Draw Equipment Pads
17. Draw Turndowns and Steps
18. Draw Attached Stem Piers and Columns
19. Convert Vector PDF's to DXF/DWG Files
20. Paste Snap shot of Raster Image PDF.
22. Place Grid Lines
23. Place Title Block
24. Place Dimensions while Drawing

Foundation Plan

1. Simple Dimension Controls
2. Get Arc Dimensioned
3. Auto Dimension
4. Baseline Dimensioning
5. Quick Block Dimensioning
6. Measure and Mark Radius Points
7. Place Anchors, Bolts and Straps (Auto and Manual.
8. Place Beam Ledge
9. Place Beam Pockets
10. Place Blockout and Blockdown
11. Place Brickledge
12. Place Curb
13. Place Doors
14. Place Drain Tile
15. Place Footing Void

Foundation Continued:

16. Place All Floor Insulation
17. Place Perimeter Floor Insulation
18. Place Floor Wire Mesh
19. Place Ledger Block out
20. Place Masonry Block (Basic)
21. Place Wall Insulation
22. Place Wall Vents
23. Place Waterline
24. Place Water Stop
25. Place Wall Wire Mesh
26. Place Weld Plates
27. Place Windows
28. Place Rectangular Window Wells
29. Place Radius Window Wells
30. Place Saw and Construction Joint
31. Place Sono Tube
32. Place Sewer Line
33. Place Sump Pump
34. Wall Layer Get Text
35. Wall Layer Leader Line

Takeoff

1. Automatic Takeoff Entire Drawing (All) Using Perimeter Wall Lines
2. Automatic Takeoff Entire Drawing (All) Using Wall Center Line
3. Automatic Takeoff Entire Drawing (All) Using Perimeter Wall Lines for Square Feet
4. Takeoff Flatwork (Area)
5. Pour Sequence for Job Planing
6. Rebar Takeoff, By Pound, Linear Foot and by Pieces
7. Rebar Conversion to 20', 30' or 40' Lengths
8. Rebar Total
9. Site Work Takeoff
10. Miscellaneous Takeoff
11. Pump Sequence Setup
12. Grading Takeoff
13. Excavation, Backfill and Haul Off Takeoff
14. Count Corners
15. Wall Square Footage
16. Waterproofing Takeoff
17. Brickledge Square Feet Conversion
18. Insulation by Sheet Conversion
19. For Oil Takeoff
20. Rebar Chair Takeoff
22. Modify Assembly Data

Takeoff Continued:

23. Save Estimate Files
24. Restore Estimate Files
25. Data Merge file for Transfer to Estimate Concrete
26. Subtract All Blockout Concrete in Walls
27. Flatwork Total
28. Footing and Flatwork Lumber Takeoff
29. Manual Takeoff capability

Total Station

1. Auto and Manual Point Placement
2. Extract File Types: txt, dat, acs, pts and csv
3. Excavation Offset
4. Engineers Blowup Offset
5. Footing Blowup
6. Read Extract File
7. Total Station Layer Dimensioning
8. Total Station Layer Get Text
9. Total Station Layer Leader Line

Paneling

1. Panel Placement Auto and Manual
2. Count Material List
3. Select System
4. Pline For Shipment Count
5. Panel Shipment
6. Move Filler
7. Lumber Cap Forming
8. Single Side Equipment Forming
9. Panel Display- Dimension Style-Listing-Regular
10. Dimension Style Text Move
11. Tank Forming
12. Jump Form Placement
13. Joint panel Placement
14. Break Wall
15. Skip Wall
16. Window Panel Placement.
17. Show 3d Panel Laydown
18. Pencil Rod Takeoff
19. Sloped Wall Calculation
20. Corner Chamfer Placement
21. Base Tie Placement
22. Angle Corner Clip Placement
23. Individual Panel Placement

Paneling Continued:

24. MPP Panel Placement
25. Double Hinge Filler
26. Special Tee Wall Placement
27. Panel Layer Get Text
28. Panel Layer Leader Line

Panel Corner Library

1. Combo Inside & Outside Corner Placement -Auto and Manual
2. Hinge Combo Inside & Outside Corner Placement -Auto and Manual
3. Tee Wall Corner, Pilaster, Haunch Forms and Bulkhead Placement
4. Inside Corner Placement (Manual)
5. Outside Corner Placement (Manual)
6. Column Form Placement
7. Tie - Special Ties and Pencil Rod Placement
8. Component Placement - Turnbuckle, Scaffold Bracket, Waler Clamp and J Strong Back Hooks (Manual Placement)

Layout

1. Layout
2. Survey Points
3. Trace Outline for Excavation
4. Blowup Offset
7. Layout Layer Dimensioning
8. Layout Layer Get Text
9. Layout Layer Leader Line

Auto Crete Tools

1. Show Wall
2. Global Wall Direction
3. Change Wall Definition Number
4. Add Wall
5. Modify Wall Direction
6. Inside Xdata Multiple Walls
7. Outside Xdata Multiple Walls
8. Interior Footing Data for EZ Footing
9. Attach Rebar to an Assembly
10. Remove Rebar From an Assembly
11. Modify an Assembly
12. Trim Footings to Pier Pads
13. Remove or Add a Wall to Takeoff
14. Draw Order
15. Laydown Panel Text
16. Reverse Panel Text

Auto Crete Tools Continued:

17. Break at Point
18. Wall and Area Hatch Patterns
19. Detail Placement

EZ Footing Forming (Basic)

1. EZ Form Placement Auto
2. DJ Jogger
3. Manual Forming
4. Bulkhead Manual Placement
5. Move Filler
6. Place Filler
7. Place Corner Filler
8. Count Forms
9. Add Xdata Inside Footing Line
10. Add Xdata Outside Footing Line
11. EZ For Dimension
12. EZ Footing Layer Leader Line
13. EZ Footing Layer Get Text
14. EZ Footing Layer

Form A Drain Footing Forming

1. Auto Corner
2. Auto Form A Drain
3. Single Corner
4. Form A Drain 45
5. Drain Components
6. Form A Drain Manual Placement
7. Takeoff Form A Drain
8. Form A Drain Layer Leader Line
9. Form A Drain Layer Get Text
10. Form A Drain Layer Control
11. Form A Drain Dimensioning

Pro Form HD Footing Forming

1. Pro Form HD Placement (Manual)
2. Count pro Form
3. Single Outlet Adapter
4. End Cap
5. Coupler
6. Crossover Adapter
7. Vertical Elbow

Pro Form HD Continued:

8. Pro Form Layer Get Text
9. Pro Form HD Layer Leader Line
10. Pro Form HD Layer Control
11. Pro Form HD Dimensioning
12. Delete Pro Form HD

Top of Wall

1. Top Of Wall Dimensioning
2. Top Of Wall Layer Get Text
3. Top Of Wall Layer Leader Line
4. Top Of Wall Layer Control

Post Tension

1. Place Cable
2. Cable Takeoff

Flatwork

1. Flatwork Layer Dimension
2. Lumber Forming
3. Lumber Takeoff
4. Flatwork Layer Get Text
5. Flatwork Layer Leader Line
7. Flatwork Layer Control On
8. Matt Rebar

Visual Rebar (Basic)

1. Continuous Multi Lap Placement
2. Horizontal Single Bar
3. Vertical Rebar Multi Placement
4. Vertical Rebar Single Placement
5. Matt Slab Placement
6. Pier and Column Cross Bar Placement
7. Rebar Takeoff
8. Rebar Layer Get Text
9. Rebar Layer Leader Line

Clear Delete Blocks

1. Clear-Delete Total Station Points
2. Clear-Delete Panel
3. Clear-Delete Blocks
4. Clear-Delete-Dimension