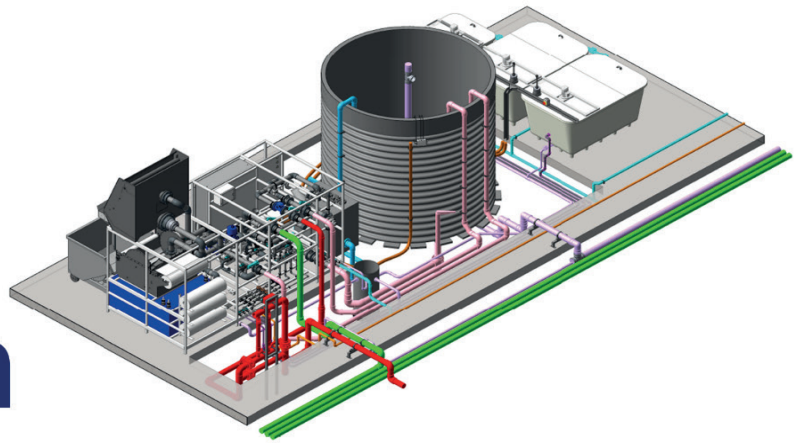


Tebarex NLD

Next Level Design



All our projects will be designed with the most modern design tools, all merged into; Tebarex **NLD** - Next Level Design -

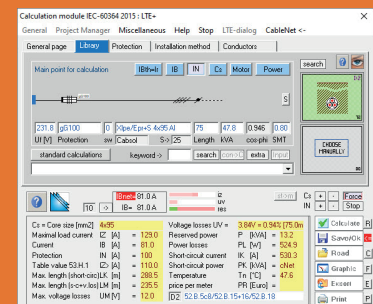
By using the following programs;

- **REVIT-3D** for engineering drawings for irrigation- and electrical systems
- **INTELEC®** for accurate calculation of voltage drop in cabling, based on IEC 60364.



This provides you as client the following advantages on the irrigation & electrical design:

1. Time saving on the job
2. Integration with other disciplines (CH, CO₂, RWC)
3. Actual feedback on installing (as build)
4. Online updates of latest version
5. GPS coordinates of field pictures
6. Clear assembling instructions
7. Modern use of tablet instead of paper print out
8. E-Post-it notes of details for feedback
9. Perfect graphic visualization
10. Increasing of life span of equipment
11. Energy saving calculations



Electric:

- Switch panels
- Frequency drives
- Databus systems
- Cabling & wiring
- Cable gutters
- Outlets & lighting
- Generators
- Alarm & sound

Control systems:

- Climate control
- (semi) closed greenhouse
- Irrigation control
- Analog control
- PLC control
- Data management
- Alarm control

Supplements:

- Air circulation
- Sulphur evaporators
- CO2 systems
- Pad & fan systems
- Spray equipment
- Substrates
- Crop gutters
- Benches & container

Water treatment:

- Mixing tank unit
- Direct injection unit
- Liquid fertilizer systems
- Filtration
- Water sterilization
- Reverse osmosis
- De-ironing systems
- Neutralizer

Water storage:

- Rainwater collection
- Outdoor reservoirs
- Sunken indoor ponds
- Galvanized steel silos
- Steel bolted plate silos

Irrigation:

- Drip irrigation
- In & outdoor sprinklers
- Ebb and flood
- Drainwater system
- Roof sprinkler
- Crop cooling (fogging)
- Hand watering

Grow light:

- Grow light fixtures
- LED
- Cabling
- Switch panels
- Distribution panels
- Grow light control



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