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#### Planting Details and Specs

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## Planting Details and Specifications

Dr. Ed Gilman from University of Florida, Jim Urban, FASLA, and Brian Kempf and Tyson Carroll of the <u>Urban Tree Foundation</u> have developed a modern, up-to-date, and peer reviewed set of details and specifications in AutoCAD, PDF, and Microsoft Word formats for the green industry. These are designed specifically for landscape architects, engineers, architects, contractors, urban foresters, arborists, municipalities, and state agencies.

All these files are open source, free, and can be edited by the user. You and your colleagues are free to use them in projects without charge and without credit to the Urban Tree Foundation or any of the project team members. Although the group encourages modification to fit your specific site and project needs, make your changes only after carefully considering all the pertinent variables at the planting site.

Funding for this project was provided by the California Department of Forestry (CDF), Urban Forestry Program.

Correction Irrigation

Observation

**Planting** 

Planting Soils

Staking

**Tree Protection** 

Specifications

#### DETAILS

#### Correction

Title	PDF	DWG
Container Rootball Shaving	PDF	DWG
Crown Correction	<u>PDF</u>	DWG
Balled and Burlapped Root Correction	<u>PDF</u>	<u>DWG</u>
Container Root Correction	<u>PDF</u>	<u>DWG</u>

#### Irrigation

Title	PDF	DWG
2 Bubbler on Swing Joint with Rootball	PDF	DWG
3 Bubbler on Swing Joint with Rootball	PDF	<u>DWG</u>
4 Bubbler on Swing Joint with Rootball	PDF	<u>DWG</u>
Backflow Cage	PDF	<u>DWG</u>
Ball Valve 3-inch or Less	PDF	<u>DWG</u>
Ball Valve 4-inch or Less	<u>PDF</u>	<u>DWG</u>
BFPD	<u>PDF</u>	<u>DWG</u>
Bubbler on Swing Joint with Rootball	<u>PDF</u>	<u>DWG</u>
Bubbler on Swing Joint	<u>PDF</u>	<u>DWG</u>
Bubbler	PDF	<u>DWG</u>
Earth Ground	PDF	<u>DWG</u>

Electrical Pull Box Low Voltage	PDF	<u>DWG</u>
Flow Sensor and Master Valve Layout	PDF	<u>DWG</u>
Flow Sensor	PDF	<u>DWG</u>
Gate Valve and Anchor	<u>PDF</u>	<u>DWG</u>
Gate Valve Flanged Ends	PDF	<u>DWG</u>
Hydrometer	PDF	<u>DWG</u>
IBOC Pedestal Controller	PDF	<u>DWG</u>
IBOC Pedestal Controller with Solar	PDF	<u>DWG</u>
Master Valve	PDF	<u>DWG</u>
Pedestal Controller	PDF	<u>DWG</u>
Pedestal Controller XC Hybrid	PDF	<u>DWG</u>
Pipe at Pavement	<u>PDF</u>	<u>DWG</u>
Pop Up Sprayhead	<u>PDF</u>	<u>DWG</u>
Quick Coupler Valve	PDF	<u>DWG</u>
Remote Control Valve with BV	PDF	<u>DWG</u>
Rotor Spray Head	PDF	<u>DWG</u>
RWS	PDF	<u>DWG</u>
Swing Joint	PDF	<u>DWG</u>
Thrust Block	PDF	<u>DWG</u>
Trenching	PDF	DWG
Valve Box Layout	PDF	DWG
Wall Mounted Controller	PDF	<u>DWG</u>

#### Observation

Title	PDF	DWG
High Branched Crown Observation	<u>PDF</u>	<u>DWG</u>
Low Branched Crown Observation	<u>PDF</u>	DWG
Multiple Low Branches Crown Observation	<u>PDF</u>	DWG
Balled and Burlapped Root Observation	<u>PDF</u>	DWG
Container Root Observation	PDF	<u>DWG</u>

## Planting

Title	PDF	DWG
Tree Planting Compacted Soil	PDF	<u>DWG</u>
Tree Planting Single Berm Modified Soil	PDF	<u>DWG</u>
Tree Planting Single Berm Unmodified Soil	PDF	<u>DWG</u>
Tree Planting Slope Modified Soil	PDF	<u>DWG</u>
Tree Planting Slope Unmodified Soil	PDF	<u>DWG</u>
Groundcover	PDF	<u>DWG</u>
Shrub on Slope Modified Soil	PDF	<u>DWG</u>
Shrub on Slope Unmodified Soil	PDF	<u>DWG</u>
Shrub Modified Soil	<u>PDF</u>	<u>DWG</u>
Shrub Unmodified Soil	<u>PDF</u>	<u>DWG</u>
Vine Modified Soil	PDF	DWG
Vine Unmodified Soil	<u>PDF</u>	<u>DWG</u>

### Planting Soils

Title	PDF	DWG
Drainline Cleanouts	<u>PDF</u>	<u>DWG</u>
Drainline Daylight Outfall	<u>PDF</u>	DWG
Drainline Inlet Outfall	<u>PDF</u>	DWG
Drainline Installation	<u>PDF</u>	DWG
Radial Trenching	<u>PDF</u>	DWG
Root Barriers Diamond Wells	PDF	DWG

Soil Modification Fracturing Compacted Subsoil	PDF	<u>DWG</u>
Soil Modification Ripping Compacted Subsoil	PDF	<u>DWG</u>
Soil Modification Trenching Compacted Subsoil	PDF	<u>DWG</u>
Soil Modification Compacted Surface Soil	PDF	<u>DWG</u>
Soil Modification Compacted Surface Soil within Dripline	PDF	<u>DWG</u>
Soil Modification Existing Soil	PDF	<u>DWG</u>
Soil Modification Installed Planting Mix	PDF	<u>DWG</u>

#### Staking

Title	PDF	DWG
Tree Staking 3 Lodgepoles	PDF	<u>DWG</u>
Tree Staking Lodgepoles	<u>PDF</u>	<u>DWG</u>
Tree Staking Reddy Stake	<u>PDF</u>	DWG
Tree Staking Staple	PDF	DWG

#### Tree Protection

Title	PDF	DWG
Tree Protection Boring	PDF	<u>DWG</u>
Tree Protection	PDF	DWG
Tree Protection Maintenance Road	PDF	<u>DWG</u>

#### **SPECIFICATIONS**

Title	PDF	DOCX
Irrigation	<u>PDF</u>	DOCX
Planting	PDF	DOCX
Planting Soil	PDF	DOCX
Tree Protection	PDF	DOCX

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Email comments and questions to ISA

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