



The following checklist provides information to be incorporated into your Subdivision Landscape Plans. All city-maintained landscape designs are to be prepared by a registered Arizona Landscape Architect. All work is to conform to M.A.G. standards and the Standard Specifications for Public Works. At the time of submittal, a review fee is due, pursuant to the current Fee Schedule/Appendix A.2. of the Phoenix City Code.

REVIEW OF: _____ Planning & Development Project #: _____

I. DESIGN CRITERIA

Provide planting, irrigation, and city details in construction documents. Plans should include the following:

- Standard plan information from landscape checklist, i.e., vicinity map, streets labeled, scale and north arrow, title block, existing vegetation, etc.
- Trees and shrubs from Arizona Department of Water Resources Low Water Use Plant List. Here is a link to the ADWR list. https://new.azwater.gov/sites/default/files/media/PhoenixAMA_4MP_LWUPL.pdf
- Plants are to be thornless varieties where possible..
- All planting (except trees) to conform to the Street Transportation Department's site guidelines (maximum 30" height from gutter).
- Sidewalk is to be setback from curb a minimum of 8' for tree installations or per zoning stipulations.
- Provide trees at 20' on center and 5 shrubs per tree, with accent plants and groundcovers or per zoning stipulations. Coordinate plant types with existing street landscaping.
- Narrow planter strips at the end 10' of street median islands are to be paved if 4' or less in width. **NO TREES WITHIN 40' OF THE END OF THE MEDIAN**
- Decomposed granite (D.G.) 2" minus per Section 795/ Standard Specifications for Public Works, 2" depth, color to match existing or other approved color. Apply pre-emergent before and after D.G. installation. Only screened decomposed granite that is between 3/8" and 3/4" screened material shall be used in and within 2' of the Right-of-Way line. Desert cobble, rip rap, minus material, and desert pavement are not permitted in the Right-of Way or within 2' of the right-of way line.
- All irrigation to be P.V.C. hard-line system with SCH 80 Flex hose risers to bubblers. Do not run lines under plants. Emitters may be used in slope conditions greater than 4:1. Slopes 3:1 or greater must be stabilized with jute netting or reviewer approved method.
- Water meter address (stationing) on plans (adjacent to meter).
- Use a dual irrigation system with separate valves (brass Rainbird or Toro) for trees and shrubs.
- Irrigation lines to be installed 6" from back of walk in the public right-of-way. They shall be sleeved under trails, driveways, streets, sidewalks, and all other hardscape areas.
- All valves to be brass with one per locking box (Brooks) with a stainless-steel bolt.
- Backflow preventer is to be enclosed in a security cage and screened with shrubs. Backflow device to be within 5' of meter. Installer to provide locks until final acceptance at which time the inspector will install city locks.

For more information or for a copy of this publication in an alternate format, contact Planning & Development at (602) 262-7811 voice / (602) 534-5500 TTY.

- Power to controller is by an unmetered electric service. (if not installing a solar powered controller) (preference is for solar powered controller installations- Leit or equivalent). Coordinate controller location with nearest power source, obtain addressing from Project Engineering Division, Station 6, telephone number (602) 262-6551, and place address on plans adjacent to controller.

Clearly identify on the plan all landscape areas intended to be maintained by the city, and clearly identify landscaped areas intended to be maintained by private entities. Controller is to be installed in city cabinet as per detail. Device is to be capable of dual programs, internal transformer, cadmium battery backup, multiple repeat times, and minimum one year warranty (i.e., Rainmaster, Rainbird, and Hardy). (preference is for solar powered controller to be installed. Leit (or equivalent) to be installed per manufacturers recommended specification) (**Note- we have been converting our existing inventory from metered/unmetered controllers to solar powered controllers as funding and contractor availability provides. This is reducing our power account requirements)

- Provide total square footage of landscape area on plans under signature block. Also provide the square footage of landscaping within the right-of-way.
- No boulders in right-of-way or sight triangles.
- Acacia smalli, Cassia phyllodenia and Cassia nemophila and any other species with thorns, to also include cacti due to safety concerns and sight visibility concerns) and they must be planted a minimum of 10' back of sidewalk.
- Minimum 12" tee off lateral line to bubbler or emitter flex line.
- Show bricks under valve boxes and 45-degree connection to mainline and down to laterals.

II. NOTES ON PLANS

- All work is to conform to M.A.G. Standards and Guidelines and installed as per city details.
- No plant substitutions, type, or quantity deviations from the approved landscape or irrigation plans without prior approval from the city of Phoenix Landscape Section at (602) 256-4116.
- All plant material and specifications to conform to the Arizona Nurseryman Association standards.
- Obtain Landscape Permit and provide a bond for all work within the right-of-way at Project Engineering Permit Counter, 200 West Washington Street, 2nd Floor, Station #6. Notify Engineering Inspector 48 hours prior to commencing work. Inspector will contact the Street Transportation Department representative as appropriate, and they will be present permit during the inspections.
- Power to landscape controller is by unmetered service, (if not installing solar powered controller), contact utility company for nearest power source location:

Arizona Public Service – www.aps.com (602) 371-6140

Salt River Project – No longer provides unmetered service

- Contractor to request a letter of authorization for an unmetered power source through Engineering Architectural Services at (602) 262-4970. Submit a 8 2" x 11" plan of controller and power source locations.
- Contractor to request a pre-construction meeting with SRP Underground Inspector prior to installation of J box, telephone numbers (602) 236-0676 (West of Central Avenue) or (602) 236-4748 (East of Central Avenue). Contact APS to verify power source location, inspections telephone numbers: West of 51st Avenue (623) 975-5728, 51st Avenue to 16th Street (602) 371-6878, East of

16th Street, (602)493-4425.

- Contact Engineering Offsite Inspector for offsite permit, requesting an electrical inspection by Public Works Electrical Inspector. Install as per city detail sheet, use electrical fittings only. Contractors must ensure the following is completed before requesting an electrical inspection of the irrigation controller service.
- Controller service address is _____ . Correct project address for the controller service, see plans.
- Two (2) #10 conductors in 1" conduit are installed from the junction box at the future power company drop to the controller cabinet and hooked up in the breaker panel.
 - Controller clock is installed and wired.
 - Electrical service installation is correctly bonded (see detail sheet).
- Street Transportation Department staff is to perform the following inspections: Call 602-534-9898
 1. Site grading
 2. Inspection for depth of trenches
 3. Mainline pressure test with no valves or quick couplers (150 lbs. for 2 hours)
 4. Depth of rototilling of amendments and fertilizer
 5. Plant material inspection before installation of type, size of material, and root conditions. No material that is rootbound or has circling roots will be accepted. Undersized material will not be accepted.
 6. Applications or pre-emergent prior to installation of D.G.
 7. Depth of the D.G.
 8. Final application of pre-emergent and the start of maintenance.
 9. Irrigation system – Prior to acceptance - water supply and controller must be active and installer must demonstrate all irrigation system components and stations are functioning properly to supply irrigation as intended and without any leaks.
 10. Trees are properly staked (all nursery stakes have been removed and soil properly backfilled and compacted).
 11. After planting all soil surrounding plantings has been properly compacted.
- BFPU to have a Plumbing Permit and Pressure Differentiation test approval before final inspection.
- Provide billing information, address, and account numbers of water meter and power source at the time of final acceptance by Street Transportation Department representative. Call 602-534-9898
- Schedule final inspection one (1) week prior to actual on-site inspection. Engineering inspector to set-up and attend the final inspection and final acceptance inspections with Street Transportation Department representative. Call 602-534-9898.
- Subdivision block wall construction (built to final height) must be completed prior to final inspection of adjacent landscape area by Street Transportation Department(prior to maintenance period).
- All landscape work is to have one-year maintenance period by owner after date of final inspection.