



Project #: _____ Project Name: _____

Reviewed By: _____ Phone: _____ Date: _____

Landscape Architect: _____ Phone: _____

The purpose of this checklist is to offer comments on plan design for Hillside Commercial and Subdivision developments that require Landscape/Revegetation Plans to be approved by the City of Phoenix.

The source of the Landscape/Revegetation Plan design is the City of Phoenix Zoning Ordinance (ZO) Chapters 5 and 7, Subdivision Ordinance Chapter 32-32, and City of Phoenix Supplement to Maricopa Association of Governments (MAG) Uniform Standard Specifications.

This checklist serves to minimize redline comments on the submitted plans and to maintain consistency among plan reviewers on plans for Landscape/Revegetation. Plan approval and issuing permits depend on compliance with the comments made on the submitted plans and this checklist. The Landscape Architect shall satisfy themselves of the completeness and accuracy of the design.

- Per Arizona Revised Statutes (A.R.S.) §32-121, a person or firm desiring to practice any board-regulated profession—such as Landscape Architecture—shall first secure a certificate or registration to practice, offer, or perform professional services regulated by the State of Arizona.
- To secure registration to practice as a Landscape Architect, a person must be actively engaged in education or experience, or both, in the profession for which registration is sought for at least eight years—with up to 5 years being completed in a landscape architectural school approved by the board and 3 years must be attained under the direct supervision of a professional who is satisfactory to the board and registered in this state, another state or a foreign country in the profession in which the applicant is seeking registration—per A.R.S. §32-122.
- Per the Arizona Administrative Code (AAC) R4-30-301, a registrant shall comply with state, municipal, and county laws, codes, ordinances, and regulations pertaining to the registrant's area of practice. Therefore, the following landscape plan submittals shall be sealed by an Arizona Registered Landscape Architect per AAC R4-30-304, Use of Seals.

Plan review correction cycles and/or approvals are valid for 1 Year (12 months). Additional review fees (see Fee Schedule – Phoenix City Code, Chapter 9, Appendix A.2) shall be charged to extend/reinstate expired plan reviews for no more than 180 days.

A completed checklist must be attached to the Landscape/Revegetation Plans when submitted for first review. The following Certification Statement must be signed by the Registered Landscape Architect stating that all applicable requirements on this checklist have been met. Please complete and return this checklist and the plan mark-ups with your next submittal. Discussion of redline comments on plans or this checklist should be directed to the plan reviewer listed above.

CERTIFICATION

I CERTIFY THAT THE REFERENCED PLANS COMPLY WITH ALL APPLICABLE CITY ORDINANCES AND STANDARDS, INCLUDING FEDERAL, STATE AND COUNTY REQUIREMENTS AND REGULATIONS. IN ADDITION, I CERTIFY THAT THIS CHECKLIST HAS BEEN COMPLETED ENSURING ALL ITEMS LISTED ARE PROPERLY ADDRESSED. I UNDERSTAND THAT IF I FAIL TO ADDRESS ALL APPLICABLE ITEMS IN THIS CHECKLIST, THE PLANS MAY BE IMMEDIATELY RETURNED TO ME WITHOUT ANY FORMAL REVIEW BEING PERFORMED.

LANDSCAPE ARCHITECT'S NAME: _____

LANDSCAPE ARCHITECT'S SIGNATURE: _____ DATE: _____

Please complete and return this checklist and the submitted plans with your next submittal. Discussion of redline comments on plans or this checklist should be directed to the plan reviewer listed above.

The Landscape Architect (**LA**) of record must fill out all boxes in the first column as either ☒ (Addressed) or ☐ (Not Applicable).

Landscape plan reviewer (**RVW**) shall check the second column as ☒ (Required) when requirements have not been properly addressed.

REQUIRED SUBMITTALS

LA **RVW**

- ☐ ☐ Plan sheets shall be 24" X 36"; submit three (3) sets of plans with Hillside, one (1) copy of the approved preliminary site plan for major projects or one (1) copy of the first review site plan mark-up for minor projects (if applicable), one (1) copy of the Hillside/Grading and Drainage Plan (if applicable) and one (1) copy of the approved Hillside, Inventory/Salvage Plan(s) (if applicable) to the Reference Drawing Folder and a completed and signed Hillside, Landscape/Revegetation Plan Checklist.

Note: If submitting through the ShapePHX system, multiple copies of submittal documents are not required.

GENERAL REQUIREMENTS

- ☐ ☐ All plans for the project must match including the most recent approved Site Plan and Hillside/Grading and Drainage Plan. A non-refundable fee (see current fee schedule) will be charged at the time of submittal.
- Note:** Please **DO NOT** attach Site plans, Grading and Drainage Plans, Inventory or Salvage Plans within this set. These plans should be kept separate as they are for reference only. Sheets that are not landscape planting or irrigation plan related (i.e. hardscape plan, wall plan, pool details, etc.) are not required for approval and will not be approved as part of this set. However, if these types of plan sheets are included in the stapled Landscape/Revegetation Plan set, they will be charged per sheet.
- ☐ ☐ Delay submittal of Landscape/Revegetation Plan corrections until Inventory and Salvage plans are submitted and approved. If Inventory and Salvage Plans are not approved at the time of the Landscape/Revegetation review, an additional review will automatically be required and subsequent review fees will be applied even if there are no corrections.

If submitting the Landscape/Revegetation plan prior to Inventory and/or Salvage approval, please fill out, sign and date the following agreement on this checklist:

I, _____, am submitting for the first review of the Landscape/Revegetation Plan.

Print Name

I understand and agree that the Landscape/Revegetation Plan cannot and will not be submitted for second review until the Inventory and/or Salvage plan(s) are approved.

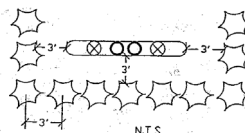
Signature: _____ Date: _____

LA RVW

- ☐ ☐ Orientation of each plan sheet shall be shown by a north arrow (up or to the right) and a scale of the drawing in the lower right-hand corner. Provide a graphic and written scale. Scale shall be 20 scale with 30 scale maximum. The orientation of the Landscape/Revegetation Plan must match the Hillside/Grading and Drainage Plan.
- ☐ ☐ Original plan sheets shall be sufficiently clear to allow legible prints to be reproduced from microfilm. The size of the lettering and symbols shall be 1/8-inch (12 pt.) minimum.
- ☐ ☐ Each sheet shall be numbered consecutively with total number of sheets in the lower right-hand corner.
- ☐ ☐ Show all streets, curb, sidewalks, accessible ramps and headers. Streets shall be identified by name. Dimension and label all Right-Of-Way (ROW), setbacks and easements. Refer to setback standards for projects within special planning districts or provide zoning/variance case information to confirm status.
- ☐ ☐ Ten percent (10%) average slope line across the site (if applicable). **Please use slope lines from final approved plans if available (e.g. Slope Analysis, Site Plan, Grading and Drainage Plan).** The ten percent (10%) average slope line must show on all plans.
- ☐ ☐ Clearly outline the Beyond Roof disturbance (proposed disturbance area). Label disturbed areas outside the roofline. Disturbed hillside areas should be designed with irrigation to prevent erosion and establish plant material of similar type, size, coloration and amount as the context area when mature.
 - Hillside Disturbance: Any cleared, scarred or graded area on a hillside lot that has been altered from the natural desert prior to City annexation or 1972. Any building, structure, driveway, yards, pool/spa, planters, turf, walkways, walls, uncovered patios, cut/fills etc. and any non-graded areas which has any type of proposed or existing vegetation removal, is considered disturbance. Per ZO Section 710, the area occupied and enclosed by fences or walls is considered graded area.
- ☐ ☐ Clearly indicate any revegetation area. This includes area disturbed during construction with the intent to revegetate with native desert plants and chemically treated cut slopes to match adjacent surrounding undisturbed area.
 - Revegetation: On hillside lots, revegetation and landscaping are used synonymously. Any Revegetation Areas (inside the Limits of Disturbance/Construction Fence Locations) need to meet the requirements of City Code Chapter 32-32, ZO Section 507 Tab A and 710 and needs to be clearly shown on the Hillside, Landscape/Revegetation Plan and match the Hillside/Grading and Drainage Plans. Plant species used in Revegetation Areas must be from the Sonoran Desert Plant List AND also naturally occurring in the surrounding Hillside area.
- ☐ ☐ Use of turf and plants that are not on the Sonoran Desert Plant List are limited to permanently disturbed areas that are not visible from the street or surrounding properties. Turf is not allowed in the public ROW (State Law).
- ☐ ☐ Clearly indicate the protection/construction fencing and provide symbol in the legend. Construction fencing location shall match on all plans (Hillside/Grading and Drainage, Inventory/Salvage and Landscape/Revegetation Plans). Provide a construction fence detail. Minimum fence requirement is two (2) strands of gold rope on T-bar posts. Posts are to be placed thirty feet (30') on center and at angle points.
- ☐ ☐ Clearly designate undisturbed areas beyond the construction fence.
- ☐ ☐ Show all three-foot (3') walls per the approved site plan with shrubs to screen parking. Label all freestanding walls with height on the plan. If there is no screen wall to screen parking shown on the approved site plan, parking areas should be buffered from adjacent residential properties and screened from streets so that cars are not visible below the average height of the headlights.

LA RVW

- ☐ ☐ Show and label all sight visibility triangles per the approved site plan. Maximum mature plant material height in the sight visibility triangles is 36". Show sight distance lines and stop signs at driveways (if applicable).
- ☐ ☐ Show all existing trees, cacti and shrubs on the plan. If a Hillside, Inventory and/or Salvage Plan was completed/approved, identify all salvaged landscape materials and remain-in-place materials on the Landscape/Revegetation Plan. Please use the corresponding tag numbers from the approved Hillside, Inventory and/or Salvage Plan. Salvaged plant material is to be utilized on the site. Show the salvaged plants in their new/proposed locations. If there are no existing plant materials on site, please note on the plans, **"There are no existing plant materials on the site."** If there are no salvageable plants or remain in place plants as a result of the approved salvage plan, please add a note stating that fact.
- ☐ ☐ All service areas (examples listed in the ZO) must be screened from eye level adjacent to public streets (507 Tab A.II.B.7.4). Show the location of any fireline backflow preventers. Screen the fireline backflow preventer with a three foot (3') screen wall if there is a screen wall shown on the site plan. If the fireline backflow preventer is visible from the street and a screen wall is not shown on the site plan, provide shrubs spaced three feet (3') on center to screen the fireline backflow preventer. Mature shrub height should be equal to or greater than the height of the backflow preventer. Plant material must be placed so that, at plant maturity, a three foot (3') clearance around the backflow preventer for access is maintained (see detail below). A note may be used instead that states **"There are no fireline backflow preventers on this project."** (*Does not apply to residential subdivisions*)
- ☐ ☐ Maintain a minimum of three foot (3') access to and clearance around all fire hydrants per MAG Standard Detail 362. Show the locations of all fire hydrants and fire department connections (FDCs) to fire protection systems on the landscape plans to verify they will remain easily visible and accessible to responding fire fighters with a minimum 3 feet clearance where nothing will be planted or will grow (PFC 508.5 & 912.2).



- ☐ ☐ Show and label all overhead power lines and power poles, **or note there are none**. Call Arizona Public Service (APS) at 602-371-6230 (Fax 602-371-6568) or Salt River Project (SRP) at 602-236-8170 for planting requirements. If using plants that are not on the applicable companies' list of allowable plants then provide written documentation that the applicable company is allowing the specified plants under/near the existing power lines and poles. Show and label site lighting fixtures (including height of fixtures) and adjust tree locations so that they are 10' from light poles.
- ☐ ☐ Show and label all electrical transformers on the plans. Plant materials are to be large enough and spaced to screen electrical transformers that are visible from eye level adjacent to public streets. Unless otherwise required by the utility company, maintain a three foot (3') clearance around all edges of all transformer pads and a clear operational area that extends 12 feet immediately in front of all transformers. Refer to the utility companies' details.
- ☐ ☐ Show all storm water storage facilities, at grade drainage elements and berms. Denote all existing contours on the plan. Side slopes of storm water storage facilities shall be no steeper than 5:1 for irrigated grass areas and 3:1 for landscaped areas. The landscape plans must provide slope stabilization measures for all slopes steeper than 5:1. The slope stabilization measures must be readily maintainable using common maintenance equipment and be designed with consideration to aesthetics. The slope stabilization measures shall be consistent with commonly used engineering practices. Unstabilized decomposed granite is not allowed on slopes steeper than 5:1. Slopes steeper than 4:1 require 100% live cover and jute netting. Berming is not allowed in sight visibility triangles or sight distance lines.

LA RVW

- ☐ ☐ Show limits of construction/scope of work. The limits of construction on all plans must match the Site Plan and the Hillside/Grading and Drainage Plan (all plans must match). The Revegetation Area(s) must be shown on all plans and called out as such.
- ☐ ☐ Provide landscape for traffic chokers in **residential subdivisions**. Two (2) trees and five (5) shrubs per side are acceptable. Refer to Street Transportation Department Design Guidelines for traffic chokers.
- ☐ ☐ Trees should be located adjacent to public and private walkways, and multi-use trails and paths, to provide a minimum of fifty percent (50%) shade and a minimum canopy clearance of six feet (6') eight inches (8") per Section 507 Tab A.II.A.3.1.10.
- ☐ ☐ In residential subdivisions where landscape tracts are adjacent to arterial streets or freeways, trees should be a minimum two inch (2") caliper per Section 507 Tab A.II.C.3.2 of the City of Phoenix ZO.
- ☐ ☐ In residential subdivisions, the landscape permit will include ROW and on-site fees. The on-site fees are for all landscape work to be completed within the subdivision (i.e. retention basins, tracts, etc.).
- ☐ ☐ If the project is phased, indicate and label phase lines on a key map and on plan sheets. The phasing of landscape plans must match the phasing of the Site Plan and the Hillside/Grading & Drainage Plan. Each phase requires a separate Approval Signature Block. All phases must be a "stand-a-lone" phase – meaning they must be able to meet the ordinance requirements, be permitted, completed and function by themselves. Plans for future phases shall be resubmitted for a full review, prior to construction of each new phase(s). Provide a new signature/ date line for the new phase(s).
- ☐ ☐ A County dust control permit is required.

COVER SHEET REQUIREMENTS

- ☐ ☐ Provide a project title block with a name and address of the project.
- ☐ ☐ Provide a vicinity map and sheet layout, properly oriented with north up or to the right.
- ☐ ☐ Provide a key map and sheet index if there are more than one (1) plan sheets.
- ☐ ☐ Provide the Owner/Developer's name, address, telephone number, and email.
- ☐ ☐ Provide the Landscape Architect name, address, telephone number, and email.
- ☐ ☐ Provide Approval Signature Block shown below with information filled in as follows:

Landscape Architect, City of Phoenix		Date
Estimated Right-Of-Way cost \$ _____	Estimated S.F. of landscape in Right-Of-Way _____	
Maintenance by: ☐ City ☐ Owner	Total acres (or portions) of landscaped area _____	
Square Footage of Turf _____	Date of Preliminary Site Plan approval _____	

- ☐ ☐ If the signature block on the plan is marked to show that the City will maintain the landscape (ROW, on-site, or both), provide written documentation of the agreement to maintain the landscape from the applicable department and follow the Landscape - Supplement – City Maintained Landscaping Only checklist.

LA RVW

- ☐ ☐ Landscape plans shall be signed, dated, and sealed by an Arizona Registered Landscape Architect (Civil Professional Engineer or Architect accepted if the landscape is incidental to the work). Per A.R.S. §32-143 Exceptions: An architect, engineer, or landscape architect registered under this chapter may engage in practice in another category regulated pursuant to this chapter only to the extent that the person is qualified. Plan submittals NOT meeting the two criteria above may be rejected or require a subsequent submittal sealed by an Arizona Registered Landscape Architect. Qualifications for sealing Incidental Landscape Work plans must be submitted with the plan submittal as supplemental information. Note: if the extent of the work may be necessary and incidental to the work of the registrant's profession on a specific project and there is a total of 20 or fewer proposed trees and plants (inclusive of the exist. trees (4 max.), shrubs, cacti, succulents, and groundcovers), and required irrigation per ZO and stipulation requirements is the extent of the proposed landscape scope of work, and the Arizona registrant possesses other landscape industry certifications that "qualifies" the required knowledge and experience to provide sustainable landscape and irrigation design services for the Phoenix, Arizona area). **This exception does not apply to public works projects.**
- ☐ ☐ Provide the following information in the lower right-hand corner of each sheet:
- Consecutive numbers and total number of sheets
 - The appropriate processing numbers including:
 - Project # _____
 - SDEV# _____
 - CPHG# _____
 - Hillside H# _____
 - LSIN/ LSIS# _____ (if applicable)
 - LSAL# _____ (if applicable)
 - City Quarter Section # _____
 - Current Zoning _____
 - Zoning Case Number(s): Z/ZA _____, if applicable
 - Zoning Stipulations and/or Variance info _____, if applicable
 - Regulatory Overlay District(s): _____, if applicable

CITY NOTES FOR LANDSCAPE/REVEGETATION PLAN

NOTE: PLACE THE FOLLOWING CITY NOTES FROM THIS CHECKLIST ON THE COVER SHEET UNDER THE TITLE, 'CITY OF PHOENIX GENERAL LANDSCAPE/REVEGETATION NOTES'.

- ☐ ☐ The city of Phoenix General Notes are the only notes approved on this plan. Additional general notes generated by the sealant and placed on the plans are not approved as part of this plan and are noted as such on the plans.
- ☐ ☐ The Design on these plans is only approved by the City in scope and not in detail. Construction quantities on these plans are not verified by the City. Approval of these plans are for permit purposes only and shall not prevent the City from requiring correction of errors in the plans where such errors are subsequently found to be in violation of any law, ordinance, health, safety, or other design issues.
- ☐ ☐ The surface irrigation methods provided on this plan will be installed and maintained until revegetation plant material is established and weaned off to survive on rain fall. Once the plant material is established and can survive on rain fall, the surface irrigation can be removed.
- ☐ ☐ Decomposed granite materials should be of matching size and color to the existing surrounding areas.

LA RVW

- ☐ ☐ Construction within the ROW shall conform to the latest applicable Maricopa Association of Governments (MAG) Uniform Standard Specifications and Details and the latest City of Phoenix Supplement to the MAG Uniform Standard Specifications and Details.
- ☐ ☐ Final building permit cannot be obtained until bonding or approved assurances are provided for the landscaping within the ROW.
- ☐ ☐ No plant substitutions, type, size, or quantity, or deviations from the approved Landscape/Revegetation or Irrigation Plans, are allowed without prior approval from the City of Phoenix Landscape Section at 602-262-7811.
- ☐ ☐ All plant material and specifications shall conform to the Arizona Nurseryman Association standards.
- ☐ ☐ All ROW and City required (perimeter, retention, and parking) plant material shall be in compliance with the Department of Water Resources Low Water Use Plant List.
https://new.azwater.gov/sites/default/files/media/PhoenixAMA_4MP_LWUPL.pdf
- ☐ ☐ Contact the Street Transportation Department Horticulturist, at 602-534-9898 prior to the re-location or removal of existing plant material in the A.D.O.T. R.O.W. that is on the City's side of the sound wall. Obtain written permission from the Street Transportation Department prior to the re-location or removal of any plant material or equipment.
- ☐ ☐ All existing trees and shrubs in ROW designated to remain but are damaged or destroyed will be replaced in like size and kind material by the contractor.
- ☐ ☐ The proposed irrigation system shall include any modifications required to tie the existing City of Phoenix irrigation system in ROW to the proposed system. All through irrigation systems in the ROW shall be maintained. The contractor shall be responsible for capping and/or abandoning existing irrigation to plant materials and providing new irrigation to the existing and proposed plant material, in ROW, per the approved plan.
- ☐ ☐ Walls are not approved as part of the landscape plan but are shown for reference only.
- ☐ ☐ Trees adjacent to pedestrian walkways should have a minimum canopy clearance of six feet eight inches (6'8") per Section 507 Tab A.II.A.3.1.10 of the City of Phoenix ZO.
- ☐ ☐ P.V.C. pipe laterals are required. A maximum of five feet (5') of poly tubing off of the P.V.C. pipe lateral is allowed. No poly tubing laterals are allowed.
- ☐ ☐ Plant quantities and minimum caliper sizes, per the specific zoning requirements for this site, provided in the legend on the approved plans are required to be installed in the field. Any deviations from the plan will require a revision to the approved plan.
NOTE: Minimum caliper size is a zoning requirement. If the minimum caliper cannot be met at box size that is specified, then the box size must be increased to meet caliper requirements.
- ☐ ☐ Plan approval is valid for 1 year (12 months). Prior to plan approval expiration, all associated permits shall be purchased or the plans shall be resubmitted for extension of plan approval. The expiration, extension, and reinstatement of Landscape/Revegetation Plans and permits shall follow the same guidelines as those indicated in the Phoenix Building Construction Code Administrative Provisions Section 105.3 for Building permits.

PLANTING (REVEGETATION) SHEET REQUIREMENTS

LA RVW

- ☐ ☐ Provide a plant materials list that includes the following:
- Symbol
 - Plant name (botanical and common)
 - Caliper size, for both standards and multi-trunk trees (required)
 - Size (mature height and width (H x W) and box size or gallon size) container size for all plants other than trees
 - Quantity
- ☐ ☐ Provide a mix of plant material sizes consisting of sixty percent (60%) trees with two inch (2") minimum caliper and forty percent (40%) with one inch (1") minimum caliper in accordance with the Arizona Nursery Association Standards per City of Phoenix ZO Section 507 Tab A.II.A.3.1.2. Only caliper sizes will be reviewed and approved. See the specific zoning for the project for applicable zoning requirements/stipulations. Plant species used in Revegetation areas must be from the Sonoran Desert Plant List and must be representative of the surrounding natural vegetation. Any area of the property under 10% slope can utilize all plants within the Sonoran Desert Plant List (not limited to surrounding area).
- ☐ ☐ Drought tolerant trees shall average twenty feet (20') on center adjacent to the perimeter of the site with five (5) shrubs per tree for commercial, industrial, multi-family, and residential subdivisions. See the specific zoning for the project for applicable zoning requirements and stipulations.
- ☐ ☐ One drought tolerant tree every 500 square feet and one shrub every 100 square feet shall be installed in the landscape setback adjacent to a street per City of Phoenix Ordinance Section 703.A.4.B.3. (Does not apply to residential subdivisions). See applicable zoning requirements.
- ☐ ☐ Street tree improvements shall be made in accordance with adopted streetscape designs for each street. See the specific zoning for the project for applicable zoning requirements.
- ☐ ☐ Applicable Plant List (i.e. A.P.S., S.R.P., overlay district, etc.): _____
- ☐ ☐ Plantings in ROW and city required landscaping shall be from the Department of Water Resources Active Management Area Plant List.
- ☐ ☐ Applied dust control products (i.e. decomposed granite, river rock, ground cover, etc.) are to be installed a minimum of two inches (2") thick in all landscape/revegetation areas. Decomposed granite size should be 3/8" to 3/4" screened material per ZO Section 202 and City of Phoenix Supplement to MAG Standards section 430. Only screened decomposed granite that is between 3/8" and 3/4" screened material shall be used in and within 2' of the ROW line. Desert cobble, rip rap, minus material, and desert pavement are not permitted in the ROW or within 2' of the ROW line.
- ☐ ☐ Boulders are not allowed in the public ROW (Streets Department).
- ☐ ☐ Turf and high water use plants are limited to fifty percent (50%) of the landscape area or ten percent of the total lot area, whichever is less per City of Phoenix ZO Section 507 Tab A.II.A.3.1.13. *(Does not apply to functional turf areas such as in multiple-family and single-family common areas, schools, golf courses, and parks)*. Turf in the hillside areas should be used minimally where not visible from the street or neighboring properties.
- ☐ ☐ Fifty percent (50%) live coverage in all landscape/revegetation areas includes trees, shrubs, and ground cover. Landscape treatment must be used for the entire site exclusive of building(s) and pavement for vehicular use.

LA RVW

- ☐ ☐ A maximum of fifty percent (50%) of the landscape setback may be used for retention per City of Phoenix Ordinance Section 507 Tab A.II.A.2.5. Landscape/Revegetation plans must match civil plans when this occurs.
- ☐ ☐ Incorporate preliminary plan concepts, requirements, stipulations, presumptions, and considerations into the Landscape/Revegetation Plan per the Preliminary Site Plan. Review site requirements for projects within overlay districts, special planning districts, village planning area cores and historic/themed streetscapes. Label site amenities and refer to details.
- ☐ ☐ Zoning Case and Zoning Adjustment stipulations must be met. Include the “Z” number from the rezoning case on the cover sheet of the plan set. Review and upload a copy of approved PUD reports, zoning reports, and ZHO decision reports.
- ☐ ☐ Provide a swale cross-section adjacent to the street showing the actual ROW conditions adjacent to the street and sidewalk.
- ☐ ☐ Provide a tree and shrub planting detail per City of Phoenix Supplement to MAG Standards 430.10.1.
- ☐ ☐ Pedestrian walkways and gathering areas should be shaded a minimum of fifty percent (50%) at maturity per City of Phoenix Ordinance Section 507 Tab A.II.B.6.1.
- ☐ ☐ Provide additional planting areas in parking lots. See specific zoning requirements for the percentage required.
- ☐ ☐ If the project is to be phased, indicate the methods of dust, weed, and debris control on the undeveloped portion(s) of the site. Provide two inches (2") of decomposed granite over all vacant pad sites. Decomposed granite materials should be of matching size and color to the existing surrounding areas in all hillside areas.

SURFACE IRRIGATION PLAN SHEET REQUIREMENTS

LA RVW

- ☐ ☐ Provide a materials list which includes the following:
- Symbol
 - Equipment Type/Size
- ☐ ☐ Show the water source or tap location on plan. Obtain the station points from the professional engineer and place on the plans for new construction or dimension existing meters or mainline point of connection. Describe water sources when they are not domestic or metered with location of source and owner.
- ☐ ☐ Provide the “smart” controller location, type, number of stations, etc.
- ☐ ☐ Provide the location(s) of valve(s), type, and size.
- ☐ ☐ Provide the location(s) of the backflow preventer(s), type, size, etc.
- ☐ ☐ Show main, laterals (PVC), and pipe size.
- ☐ ☐ Show spray heads, location, and type.
- ☐ ☐ Provide a sleeve pipe (schedule 40) under driveways and walks and call out the size.

LA RVW

- ☐ ☐ For phased projects, clearly show how the irrigation will be phased. All necessary irrigation items must

be provided in the first phase. We cannot “approve” phasing on Landscape/Revegetation Plans until it is reviewed to see how irrigation will be stand-a-lone, by phase and what and how the ultimate irrigation system will be addressed.

- ☐ ☐ Place irrigation pipe schedule on plan or indicate all pipe sizes on plan:

☐	☐	<u>Pipe size</u>	<u>Gal/Min</u>	☐	☐	<u>Pipe size</u>	<u>Gal/Min</u>
☐	☐	1/2"	0 – 5	☐	☐	1 1/4"	16 – 25
☐	☐	3/4"	6 – 10	☐	☐	1 1/2"	26 – 35
☐	☐	1"	11 – 15				

- ☐ ☐ Show any existing irrigation main lines in the ROW on the plans.

- ☐ ☐ Show the following irrigation details on the plan:

☐	☐	Backflow Preventer	☐	☐	Valve	☐	☐	Bubbler or Emitter
☐	☐	Pipe Depth	☐	☐	Controller	☐	☐	Spray Head
☐	☐	Sleeve Pipe	☐	☐	Screen for Irrigation Backflow Preventer			

PLANS FOR REVISION (OPTIONAL)

LA RVW

- ☐ ☐ All original plan approvals, signatures, and seals are to remain on the revised plans.
- ☐ ☐ All plans revised after the original approval shall be resubmitted for review and approval. The nature of the revisions must be called out on the cover sheet and on the sheet(s) which have been revised. The revision number itself shall consist of a numeral within a triangle. Δ changes on each plan sheet shall be highlighted with "clouding".
- ☐ ☐ All revised sheets, including the cover sheet are to be re-sealed, signed and dated.
- ☐ ☐ New approval signature block is required to be added to the cover sheet for approval of the revisions.

Landscape Architect, City of Phoenix

Date

Estimated Right-Of-Way cost \$_____

Estimated S.F. of landscape in Right-Of-Way _____

Maintenance by: ☐ City ☐ Owner

Total acres (or portions) of landscaped area _____

Square Footage of Turf _____

Date of Preliminary Site Plan approval _____

EXTENSIONS (OPTIONAL)

LA RVW

- ☐ ☐ All plan extensions must have prior approval by completing the Plan Review Extension Application. Provide a copy of the approved application with the plan submittal.
- ☐ ☐ Plan approvals for extension are valid for a period of 180 days from the date of plan approval.