Refer to details and Project Manual for additional information.

2. Chemically kill and remove from site all existing weeds and vegetation not shown to remain on plans.

3. Plant list quantities are shown for reference only. Contractor is responsible for verifying all quantities in list with actual plan for field conditions at the specified spacing.

4. No plant substitutions shall be permitted without prior approval of Landscape Architect/Owner.

5. Fine grade all landscape beds prior to planting operations.

6. Ensure the trunk flare is visible after placing shrub backfill soil mix.

7. Steel and all shall be to the full extent of all plans and shop drawings for the project.

8. Steel reinforcing bar shall be Grade 60 or greater.


10. No plant substitutions shall be permitted without prior approval of Landscape Architect/Owner.

11. Landscape beds shall be a minimum of twice the root ball width.

12. All work shall be performed to the satisfaction of the Landscape Architect/Owner.

13. A "Cedar Grove Compost" brand compost as available from Cedar Grove Compost, Maple Valley, WA (877) 764-5748.

14. Infield fertilizers shall be a combination of 20%-9.5%-6% in application.

15. MULCH AREAS.

16. Water barrier fabric, wrap base of plant around rootball, and anchor to rootball with 1'-6" Notch on sides where raised concrete planter bed joints will meet. Planting bed shall be 4'-0" wide as indicated.

17. Backfill mix for all plants (except Rhododendrons & Azaleas) shall be a blend of 1/3 existing site soil, 1/3 coarse sand, and 1/3 soil amendment specified in No. 9. Backfill mix for Rhododendrons and Azaleas shall consist of 2/3 above specified backfill mix:

18. All shrub and ground cover beds shall receive a 2" depth (6 c.y. per 1000 s.f.) of "Fine Grind" hem/fir bark mulch as top dressing.

19. All work shall be performed to the satisfaction of the Landscape Architect/Owner.

20. Final inspection shall cover the conclusion of the 60 day maintenance period. Maintenance period shall commence immediately upon completion of the construction and allowable time to the following:

21. "Cedar Grove Compost" brand compost as available from Cedar Grove Compost, Maple Valley, WA (877) 764-5748.

22. Infield fertilizers shall be a combination of 20%-9.5%-6% in application.

23. A "Cedar Grove Compost" brand compost as available from Cedar Grove Compost, Maple Valley, WA (877) 764-5748.

24. Infield fertilizers shall be a combination of 20%-9.5%-6% in application.
1. **SEE DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.**

2. PLAN IS CONCEPTUAL. ALL PIPE, LATERAL, AND VALVES TO BE LOCATED IN BED OR LAWN AREAS SHOWN APPROXIMATELY.

3. PIPE SIZES ARE TO REMAIN CONSTANT BETWEEN PIPERITT CALL-OUTS. PIPES ARE LABELED TO SIMILAR PIPE SIZE ONLY (QC).

4. ALL IRRIGATION HEADS LOCATED IN LAWN AREAS SHALL BE 6" POP-UPS AND HEADS IN SHORING AREAS SHALL BE 12" POP-UPS.

5. ALL PIPE AND BURIED UNDERGROUND AREAS SHALL BE 2" DEEP. ALL MAINLINE SHALL BE 3" DEEP IN ALL LAWN AREAS AND 2" DEEP IN LAWN AREAS.

6. LOCATE ALL MAINLINES WITHIN THE PROJECT LIMITS. INSTALL #14-AWG DIRECT BURIAL LOW VOLTAGE WIRE ALONG MAINLINE. TAP AND BURIED WIRE OVER 21 FT. PRECUT RED COLOR WORK FOR SIGNAL AND SHUT OFF COLOR CODE FOR COMMER. PROVIDE A MINIMUM OF ONE SHUT OFF FOR EVERY 125 SQUARE FEET.

7. ALL WORK SHALL BE PERFORMED TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT/DISIGNER.

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**IRRIGATION SHEET NOTES:**

- **CONNECT NEW SHRUB HEADS TO EXISTING ZONE E3.**
- **EXISTING 2" MAINLINE. FIELD VERIFY LOCATION AND SHRUB AREAS SHALL BE 12" POP-UPS.**
- **CONNECT NEW ZONE VALVES TO EXISTING 2" MAINLINE. EXISTING VALVE TO BE DEMOLISHED IN PRECEEDING.**
- **ALL UNPAVED AREAS AND 24" DEEP IN PAVED AREAS. LOCATE ALL MAINLINES WITHIN THE PROJECT LIMITS.**
- **INSTALL #14-AWG DIRECT BURIAL LOW VOLTAGE WIRE ALONG MAINLINE. TAP AND BURIED WIRE OVER 21 FT. PRECUT RED COLOR WORK FOR SIGNAL AND SHUT OFF COLOR CODE FOR COMMER. PROVIDE A MINIMUM OF ONE SHUT OFF FOR EVERY 125 SQUARE FEET.**
- **ALL WORK SHALL BE PERFORMED TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT/DISIGNER.**

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**IRRIGATION SCHEDULE:**

- **CONNECT NEW SHRUB HEADS TO EXISTING ZONE E3.**
- **EXISTING 2" MAINLINE. FIELD VERIFY LOCATION AND FUNCTIONAL RELATIONSHIPS.**
- **CONNECT NEW ZONE VALVES TO EXISTING 2" MAINLINE.**
- **EXISTING VALVE TO BE DEMOLISHED IN PRECEEDING.**
- **ALL UNPAVED AREAS AND 24" DEEP IN PAVED AREAS. LOCATE ALL MAINLINES WITHIN THE PROJECT LIMITS.**
- **INSTALL #14-AWG DIRECT BURIAL LOW VOLTAGE WIRE ALONG MAINLINE. TAP AND BURIED WIRE OVER 21 FT. PRECUT RED COLOR WORK FOR SIGNAL AND SHUT OFF COLOR CODE FOR COMMER. PROVIDE A MINIMUM OF ONE SHUT OFF FOR EVERY 125 SQUARE FEET.**
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**VALVE SCHEDULE:**

- **TURF SPRAY 4.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET.**
- **RAIN BIRD 1812-PRS 5 SERIES MPR.**
- **RAIN BIRD 1812-PRS 8 SERIES MPR.**
- **RAIN BIRD 1812-PRS 12 SERIES MPR.**
- **SCJ ALLIANCE.COM**

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**IRRIGATION PLAN:**

- **TURF SPRAY 4.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET.**
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**SOUTH RIVER AVENUE:**

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IRRIGATION SPECIFICATIONS

1. This plan is diagrammatic. All pipes, valves, etc. shall be installed in shrub beds where possible and shall follow the plan as close as is practical.

2. Locate all manholes within the project limits.

3. Pipe sizes, elbows, and tees and fittings must be in accordance with the schedule of the pipe. All lateral pipes shall be installed at the depth of center of the paved areas. Main line pipe shall be installed at 18” below grade and at 18” below paved areas.

4. Refer to details for additional information.

5. All pipes and other coverings to pipes shall be housed in Class 200 PVC sleeves located all mainlines within the project limits.

6. Contractor shall make field adjustments as needed to obtain full coverage. Landscaping architect reserves the right to make nozzle changes as needed at no additional cost. Adjust head positions and/or originate heads as needed depending on actual field conditions.

7. All manual, gate and electric valves and other underground equipment shall be housed in Nelson, Ametek or equal rectangular valve boxes.


9. Contractor is responsible for complete system drainage. Install manholes 12” automatic check valves at lateral and curb line forefront. Install manual drains at all manual line forefronts and where indicated on plans. Contractor shall provide acceptable check valves or anti-siphon devices that incorporate check valve and drain valves.

10. All threaded pipe connections shall be made using teflon tape wrapped at least three times around pipe threads.

11. All lateral and electric valves shall be installed with unions on the downstream end of the valve (refer to details).

12. All pipe shall have a five (5) foot minimum for the entire length of each line of pipe of this diameter. All time clocks for pipe systems shall be backed up with corner topors. Pipe of all lateral, hydrant heads, and heads over 1” in size shall be back up with clean topors if not available.

13. Contractor shall provide a one set of all records and as-built drawings. Owner reserves the right to use in any subsequent development. All sprinkler equipment shall be installed with union on the downstream end of the valve (refer to details).

14. Contractor shall comply with all applicable codes and ordinances. Contractor shall provide all equipment required by these specifications and all manufacturers’ requirements whether indicated on the drawings or not.

15. Contractor shall ensure in systems full instrumentation and all systems are installed in accordance with these specifications and all manufacturers’ requirements. All system installations electrical and plumbing connections shall be in compliance with all applicable codes and ordinances. The manufacturer’s recommendations whether indicated on the drawings or not.

16. Contractor shall guarantee in writing on his company letterhead all materials and workmanship for a period of one (1) year following acceptance of system installation.

17. Backflow preventer shall be installed and tested by a certified backflow device inspector. Provide owner with one copy of approval certificate.