



① PLANTING AREA SOIL SECTION AT CURBS
4 NOT TO SCALE

PLANTING STANDARDS

1. ALSO REFER TO CLARK COUNTY ROAD STANDARDS SECTION 12.05.040.
2. MINIMUM PLANTING ISLAND WIDTH: 4' FOR TREES.
3. IN 3' TO 4' WIDE MEDIANS, INSTALL SHRUBS AND GROUND COVERS ONLY, NOT TREES. UNDER 3' NO PLANTING.
4. SELECT PLANT VARIETIES FROM PREFERRED COUNTY LIST OR AS APPROVED BY CLARK COUNTY DEPARTMENT OF PUBLIC WORKS, TRANSPORTATION DIVISION.
5. INSTALL MINIMUM 1 1/2" CALIPER DECIDUOUS TREE.
6. INSTALL MINIMUM SIZE OF SHRUBS AND GROUND COVERS AS INDICATED ON PREFERRED COUNTY LIST.
7. INSTALL B&B PLANTS OR CONTAINER PLANTS. BARE ROOT PLANTS ONLY WHEN PLANTED IN LATE FALL OR WINTER.
8. INSTALL PLANTS AS INDICATED ON PREFERRED COUNTY LIST, USING MATURE SPREAD AS A GUIDELINE FOR SPACING.
9. SEE ATTACHED DRAWINGS FOR ADDITIONAL STANDARD DIMENSION.

SUMMARY OF IRRIGATION REQUIREMENTS

1. ALSO REFER TO CLARK COUNTY ROAD STANDARDS SECTION 12.05.040.
2. COUNTY OR CITY PLUMBING PERMIT.
3. DOUBLE CHECK VALVE BACKFLOW DEVICE AND CERTIFIED TEST.
4. IRRIGATION INSPECTIONS AND APPROVAL BY COUNTY.
5. RAINBIRD MAXICOM COMPATIBLE AUTOMATIC CONTROLLER.
6. ELECTRIC CONTROL VALVES WITH TWO UNIONS AND WITH GATE VALVE UPSTREAM.
7. 120V AC POWER TO CONTROLLER.
8. CONDUIT FOR PHONE LINE FOR FUTURE CONTROL CLUSTER UNIT (CCU).
9. SCHEDULE 40 PVC FITTINGS, SLEEVES, AND MAINLINE FROM METER TO DOUBLE CHECK VALVE.
10. CLASS 200 FOR MAINLINE AND LATERAL PIPES.
11. SAND BED ALL PIPES 2" BELOW PIPE, 4" ABOVE, AND DETECTOR TAPE 6" ABOVE MAINLINES.
12. LATERAL PIPE 12" DEEP, MAINLINES 18" DEEP, SLEEVES 24" DEEP.
13. PVC PRIMER/CLEANER ON PIPE BEFORE PVC SOLVENT CEMENT. SEPARATE APPLICATIONS.
14. 12" DEEP RECTANGULAR VALVE BOXES FOR CONTROL VALVES.
15. PRESSURE REGULATING VALVE TO PROVIDE 30 PSI OUTPUT TO FARTHEST SPRAY HEAD.
16. PLASTIC POP-UP TAPE HEADS WITH MARLEX AND STREET ELLS ON FLEX SWING PIPE.
17. 14 GAUGE CONTROL WIRES.
18. HEAD TO HEAD AUTOMATIC IRRIGATION COVERAGE.
19. DRAIN VALVES: BALL VALVE WITH ELL, ROCK SUMP, 12" VALVE BOX AT ALL MAINLINE LOW POINTS.
20. PRESSURE TEST ON MAINLINE.
21. AS-BUILT RECORD DRAWINGS ON MYLAR.
22. IRRIGATION MAY BE REQUIRED FOR A MINIMUM OF TWO YEARS TO ESTABLISH PLANTS AND FOR WATERING DURING EXTREME DROUGHT CONDITIONS.

② PLANTING AND IRRIGATION STANDARDS
4 NOT TO SCALE

NO.	REVISIONS	DATE	BY

DWG: G4.DWG



Department of
Public Works
CLARK COUNTY
WASHINGTON
proud past, promising future

PLANTING AND IRRIGATION STANDARDS

Peter Capen
COUNTY ENGINEER

APPROVED

5/23/08
DATE

STANDARD

G4

DETAIL

DESIGNED
DRAWN
DATE 05/23/08