CASE 1

3" DEEP PREMOLDED JOINT FILLER, THICKNESS AS REQUIRED FOR TIGHT FIT (4 SIDES)

4'-1" X 4'-1" X 3" THICK, NATURAL COLOR PERMEABLE CONCRETE TREE WELL COVER
DIMENSIONS © 1/4"

CASE 2

2'-11" X 5'-6" X 3" THICK, NATURAL COLOR PERMEABLE CONCRETE TREE WELL COVER
DIMENSIONS © 1/4"

SECTION A

TREE WELL COVER
3" LAYER OF NO. 4 AGGREGATE
4" DIA. PIPE FILLED WITH NO. 4 CONCRETE AGGREGATE (TYPICAL)

PREMOLDED JOINT FILLER
TOP OF CONCRETE AGGREGATE

NOTE:
SEE SHEET 4 FOR NOTES PERTAINING TO THIS SHEET
Case 1:
- Manhole brick 2-1/2" x 3-7/8" x 8-1/4"
- Laid tight without mortar
- Center row of bricks on edge
- 3" deep premolded joint filler thickness as required for tight fit (4 sides)

Case 2:
- 2-6d nails per joint
- 2x4" redwood header
- 4" dia. pipe

Case 3:
- Hollow concrete blocks 5-5/8" x 3-5/8" x 7-5/8" and 5-5/8" x 7-5/8" x 7-5/8"
- Laid tight without mortar

Section A:
- Top of concrete aggregate premolded joint filler
- Redwood header
- 4" pipe filled with no. 4 aggregate

Note:
See sheet 4 for notes pertaining to this sheet.

Type 2

City of La Quinta
Tree Well

Revisions:
Approved 08/21/01
Chris A. Vogt
City Engineer
RCE 44250
NOTES:
1. TREE WELLS SHALL BE SPACED AS DIRECTED OR INDICATED ON THE CONTRACT DOCUMENTS.
2. LOCATION OF TREE WELLS WILL BE SUBJECT TO THE FOLLOWING MINIMUM CONDITIONS:
   A. 50' FROM THE BCR ON THE APPROACH TO AN INTERSECTION.
   B. 15' FROM THE ECR ON THE EXIT FROM AN INTERSECTION.
   C. 20' FROM LIGHT STANDARDS.
   D. 10' FROM FIRE HYDRANTS.
   E. 10' FROM DRIVEWAYS.
3. COVERS ARE TO BE COLORED BUFF USING AN ACCEPTABLE COLORING AGENT.
4. TREE WELLS ARE TO BE BACKFILLED WITH CLEAN DIRT AND FLUSH WITH ADJACENT WALK UNTIL TREES ARE PLANTED.
5. PARKWAYS LESS THAN 8': CASE I - UNLESS OTHERWISE SPECIFIED. CASE II - USE WHERE THERE'S AN EXISTING FENCE OR WALL AT THE PL. PARKWAYS 8' OR GREATER: CASE III - UNLESS OTHERWISE SPECIFIED. CASE IV - MAY BE SPECIFIED WITH WALKS 7' OR GREATER.
6. FOR MATERIAL SPECIFICATIONS, SEE NOTE 1 FOR TYPE 1 TREE WELL ON SHEET 4.

TYPE 3
NOTES FOR TYPE 1 TREE WELL

1. THE COVER SHALL BE MADE OF PERMEABLE CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 1200 PSI AND SHALL BE CAST-IN-PLACE OR PRECAST "AGRIPERM" OR EQUIVALENT. CAST-IN-PLACE CONCRETE SHALL CONSIST OF ONE PART CEMENT TO FOUR PARTS 3/8" GRAVEL AND APPROXIMATELY FOUR GALLONS OF WATER PER SACK OF CEMENT. THE GRAVEL SHALL BE CLEAN WITH FINES REMOVED. THE CONCRETE MIXTURE SHALL BE DEPOSITED AS NEAR AS POSSIBLE TO ITS FINAL LOCATION. THE EXCESS CONCRETE SHALL BE RODDED OFF IN A SAWING MOTION. A SURPLUS OF CONCRETE SHOULD BE MAINTAINED AGAINST THE FRONT SURFACE OF THE SCREED IN ORDER THAT LOW AREAS WILL BE FILLED AS THE SCREED PASSES OVER. RODDING SHALL BE HELD TO A MINIMUM. AFTER THE SURFACE IS FLAT NO OTHER FINISHING WILL BE REQUIRED. CURING COMPOUND TO WHICH WATER PROOFING MATERIALS HAVE BEEN ADDED WILL NOT BE PERMITTED.

2. EXISTING SIDEWALK SHALL BE CAREFULLY SAWCUT PREPARATORY TO INSTALLATION OF TREE WELL COVERS. SAWCUT OVER-RUNS SHALL BE CLEANED AND FILLED WITH EPOXY APPROVED BY THE ENGINEER AND FINISHED TO SIDEWALK GRADE.

3. THE PIPE MAY BE CIP, ACP, VCP, ABS, PVC, GALV. STL. OR ASPHALT IMPREGNATED FIBER DUCT AND IT MAY BE BELL OR PLAIN END.


5. IF CAST-IN-PLACE, THERE SHALL BE A 3 MIL PLASTIC LINER BETWEEN WALK AND AGGREGATE.

NOTES FOR TYPE 2 TREE WELL

1. EXISTING SIDEWALK SHALL BE CAREFULLY SAWCUT PREPARATORY TO LAYING OF CONCRETE BLOCKS OR BRICK. SAWCUT OVER-RUNS SHALL BE CLEANED AND FILLED WITH EPOXY APPROVED BY THE ENGINEER AND FINISHED TO SIDEWALK GRADE.

2. THE PIPE MAY BE CIP, ACP, VCP, ABS, PVC, GALV. STL. OR ASPHALT IMPREGNATED FIBER DUCT, AND IT MAY BE BELL OR PLAIN END.

3. NAILS SHALL BE GALVANIZED STEEL BOX.

NOTES:
1. GRATE MATERIAL TO BE CAST IRON.
2. GRATE PATTERN AS SPECIFIED ON PROJECT PLANS AND/OR IN SPECIFICATIONS.
3. EXISTING SIDEWALK SHALL BE CAREFULLY SAWCUT PREPARATORY TO LAYING OF FRAME. SAWCUT OVER-RUNS SHALL BE CLEANED AND FILLED WITH EPOXY APPROVED BY THE ENGINEER AND FINISHED TO SIDEWALK GRADE.
4. THE PIPE MAY BE CIP, ACP, VCP, ABS, PVC, GALV. STL. OR ASPHALT IMPREGNATED FIBER DUCT, AND IT MAY BE BELL OR PELL END.
5. AFTER ALL OTHER WORK PERTINENT TO PLANTING HAS BEEN COMPLETED, EACH TREE SHALL BE WATERED IMMEDIATELY WITH A MINIMUM OF 20 GALLON OF WATER AND REPEATED 2 TIMES IN THE NEXT 3 DAYS. AFTER THE WATER HAS SETTLED AND THE SOIL IS SUFFICIENTLY DRY, THE SOIL SHALL BE GRADED AND TAMPED AND 3-INCH LAYER OF CONCRETE AGGREGATE SHALL BE PLACED AND GRADED.

TYPE 4
NOTES:
1. SECTION A AND B REQUIRED ONLY WHEN TREE GUARD IS REQUIRED.
2. ALL METAL PARTS AND FRAME SHALL CONFORM TO THE STANDARD SPECIFICATIONS AND SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.

TYPE 4