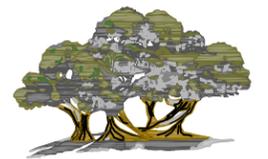


**GENERAL NOTES:**

1. DETENTION BASIN SHALL BE LANDSCAPED AS APPROVED BY THE CITY ENGINEER.
2. DETENTION BASIN DRAWING SHALL INCLUDE BOTH EXISTING AND PROPOSED FINISHED GROUND CONTOURS.
3. DETENTION BASIN CUT/FILL SLOPES SHALL NOT EXCEED 3H:1V, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
4. DETENTION BASIN DRAWINGS AND CROSS-SECTIONS SHALL SHOW SIGNIFICANT FEATURES SUCH AS: BASIN SLOPES, INLET STRUCTURES, DRAINAGE PIPES, EROSION PROTECTION, AND OUTLET STRUCTURES.
5. DETENTION BASIN DESIGN DATA TABLE SHALL INCLUDE: TOP OF BANK, BOTTOM OF BANK, AND 100-YEAR HIGH-WATER ELEVATIONS, REQUIRED 100-YEAR STORAGE VOLUME (ALL BASINS SHALL BE DESIGNED TO DETAIN THE QUANTITY OF WATER ANTICIPATED FOR A 100-YEAR STORM), AND THE PROPOSED STORAGE VOLUME OF THE DETENTION BASIN.
6. ALL BASINS SHALL BE DESIGNED WITH AN EMERGENCY OVERFLOW MEASURE WITH THE CAPACITY (AND REQUIRED EROSION PROTECTION) TO PASS THE ANTICIPATED FLOWS OF A 10-YEAR STORM.
7. ALL DETENTION BASINS SHALL DISCHARGE TO AN OUTFALL LOCATION APPROVED BY THE CITY ENGINEER. DISCHARGE TO THESE LOCATIONS SHALL BE LIMITED TO 0.2 CFS PER ACRE, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.

**TYPICAL DETENTION BASIN**



**CEDAR HILLS**  
 STANDARD  
 DRAWING NO.  
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