

SECTION A-A

SEE SHEET 3 FOR NOTES

NOT TO SCALE



*RE*  
CITY ENGINEER

07/18/16  
DATE

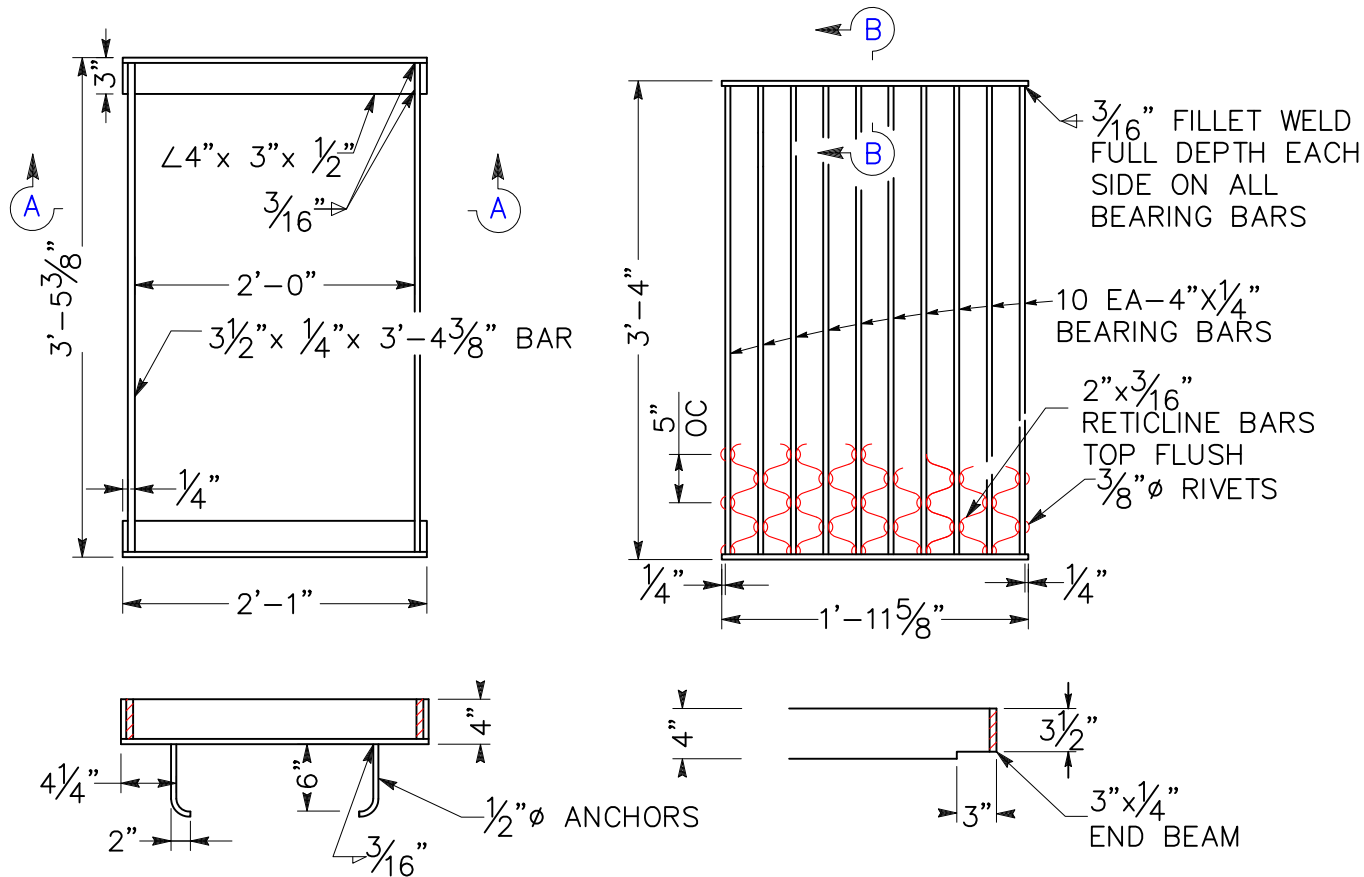
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SHEET  
1 of 3

CATCH BASIN  
TYPE II

S-6

FRAME AND GRATE DETAILS



SECTION A-A

SECTION B-B

SEE SHEET 3 FOR NOTES

NOT TO SCALE



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CATCH BASIN  
TYPE II

S-6

NOTES

1. TYPE 2 CATCH BASIN TO BE USED ONLY WHEN TYPE 1 WILL NOT WORK.
2. CONNECTION PIPES MAY BE PLACED IN ANY POSITION AROUND THE WALLS PROVIDED THE POSITION IS CONSISTENT WITH THE IMPROVEMENT PLAN.
3. CURVATURE OF THE LIP AND SIDEWALLS AT GUTTER OPENING SHALL BE FORMED BY CURVED FORMS AND SHALL NOT BE MADE BY PLASTERING.
4. DIMENSIONS:  
 M = VARIABLE. (APPROX. 2'-5")  
 V = DEPTH OF CATCH BASIN TO FLOWLINE.  
 T = 6" IF V IS 4' OR LESS.  
 T = 8" IF V IS BETWEEN 4' AND 8'.  
 T = 10" IF V IS 8' OR MORE.
5. FLOOR OF BASIN SHALL BE TROWELED AND RETROWELED TO PRODUCE A HARD, POLISHED SURFACE OF MAXIMUM DENSITY AND SMOOTHNESS. SLOPE OF FLOOR PARALLEL WITH CURB SHALL BE 12:2 UNLESS OTHERWISE SPECIFIED.
6. OUTLET PIPE SHALL BE TRIMMED TO THE FINAL SHAPE AND LENGTH BEFORE CONCRETE IS POURED.
7. REINFORCING STEEL SHALL BE #4 ROUND DEFORMED BARS. CLEARANCE SHALL BE 1" FROM BOTTOM OF SLAB.
8. STEPS:  
 $\frac{3}{4}$ " ROUND GALVANIZED STEEL STEPS REQUIRED AS FOLLOWS:  
 IF V IS 4'-6" OR LESS, NO STEPS REQUIRED.  
 IF V IS MORE THAN 4'-6" AND NOT MORE THAN 5', INSTALL 1 STEP 12" ABOVE FLOOR OF BASIN.  
 IF V IS MORE THAN 5', INSTALL STEPS 12" APART, WITH THE TOP STEP 6" BELOW THE STREET SURFACE.  
 ALL STEPS SHALL BE 4" (CLEAR) FROM THE WALL EXCEPT THE TOP STEP, WHICH SHALL BE  $2\frac{1}{2}$ " (CLEAR) FROM THE WALL.
9. SURFACE OF ALL EXPOSED CONCRETE IN BASIN SHALL CONFORM IN SLOPE, GRADE, COLOR, FINISH, AND SCORING TO EXISTING OR PROPOSED CURB AND WALK ADJACENT TO THE BASIN.
10. EXCEPTION:  
 WHEN THE BASIN IS TO BE CONSTRUCTED WITHIN THE LIMITS OF A PROPOSED SIDEWALK OR IS CONTIGUOUS TO SUCH A SIDEWALK, THE TOP OF THE BASIN SHALL BE POURED MONOLITHIC WITH THE SIDEWALK USING THE SAME CLASS OF CONCRETE AS IN THE SIDEWALK.
11. KEYS REQUIRED ONLY WHEN FLOOR IS POURED SEPARATE FROM WALLS.
12. TRITON CRESCENT FILTER AND CARTRIDGE BY REM INC. SHALL BE INSTALLED PER MANUFACTURERS REQUIREMENTS. TOP HAT TYPE MAY BE REQUIRED AT THE DISCRETION OF THE CITY ENGINEER.

NOT TO SCALE



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SHEET  
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CATCH BASIN  
TYPE II

S-6