SIDEWALK DRAINAGE STRUCTURE

**DIMENSION TABLE**

<table>
<thead>
<tr>
<th>MARK</th>
<th>DIMENSION (INCHES)</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>10 15 20</td>
<td>30°</td>
</tr>
<tr>
<td>C</td>
<td>20 22 24 27</td>
<td>CLEANOUT BOX HEIGHT</td>
</tr>
<tr>
<td>D</td>
<td>≤8 10 12 15</td>
<td>INLET PIPE</td>
</tr>
<tr>
<td>E</td>
<td>22 27 32 42</td>
<td>BOX WIDTH</td>
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</table>

*REQUIRES ENGINEERED DESIGN FOR LID & BOX. CAN PLACE TWO(2) STEEL TUBES ADJACENT TO OBTAIN FULL WIDTH.*

**SECTION A-A**

- **1/4" THICK STEEL TUBE (SEE DETAIL B)**
- **#4 REBAR 18” O.C.**
- **5 #4 REBAR**

**SECTION A-A**

- **SEAT FOR LID (SEE DETAIL "B")**
- **3/8” THICK STEEL CLEANOUT LID**

**PERSPECTIVE**

**NOTE:** FOR NOTES SEE SHEET 2 OF 2
NOTE:
STEEL TUBE TO BE FLUSH WITH CONCRETE SIDEWALK.

SECTION B–B

SECTION C–C

SECTION D–D

DETAIL B

NOTES:
1– ALL REBAR SHALL HAVE 2" MIN. CLEAR.
2– STEEL TUBE(S) SHALL BE FLUSH WITH CONCRETE.
3– BOX DIMENSIONS BASED UPON INLET PIPE SIZE "D".
4– ALL STEEL SHALL BE GRADE 60.
5– LID FOR CLEANOUT BOX SHALL HAVE 1-1/4 INCH X 1" SLOT FOR LIFTING LID.
   MAY BE SMOOTH OR DIAMOND PLATE STEEL.
6– 1/4" STEEL TUBES ARE STANDARD FOR SIZES UP TO 12" IN WIDTH, LARGER SIZES TO BE ORDERED.
   ALL TUBES TO BE CUT IN LENGTH TO MEET SIDEWALK LENGTH PLUS 1-6".
7– STANDARD REBAR SHALL NOT BE USED FOR STEEL ANCHORS.
8– ALL EXTERIOR EDGES OF CLEANOUT BOX TO HAVE 3/4" TO 1" CHAMFER (NOT SHOWN IN DETAILS FOR CLARITY).
9– STEEL LIDS AND SEAT TO BE PAINTED GREY IN ACCORDANCE WITH CITY STANDARDS.
10– #4 REBAR WELDED TO STEEL TUBES SHALL BE SPACED 18" O.C. FOR LENGTH OF TUBE(S).

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CITY OF ST. GEORGE ENGINEERING DEPARTMENT

STANDARD DWG. NO. 204 2 OF 2

APPROVED: LBB

DATE: BY: LBB

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