DETAIL 300-01

STORM DRAINAGE
TYPICAL PIPE BEDDING

FLEXIBLE PIPE

CONCRETE PIPE

PUBLIC WORKS DIVISION

DATE: NOV., 2000
SCALE: NOT TO SCALE
STORM DRAINAGE
STANDARD MANHOLE
DETAIL 300-02

PUBLIC WORKS DIVISION
DATE: FEB., 2001
SCALE: NOT TO SCALE

NOTE: MINIMUM INSIDE DIAMETER OF MANHOLE SHALL BE AS Follows.

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>MIN. MANHOLE DIAMETER</th>
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</thead>
<tbody>
<tr>
<td>15' TO 36'</td>
<td>48'</td>
</tr>
<tr>
<td>42' TO 48'</td>
<td>60'</td>
</tr>
<tr>
<td>54' TO 60'</td>
<td>72'</td>
</tr>
</tbody>
</table>

MAX. 400' APART FOR 15' TO 36' LINES
MAX. 500' APART FOR 42' > LINES.

REV 11/2003
STORM SEWER
WARNING - CONFINED SPACE
ENTRY PERMIT REQUIRED

STORM DRAINAGE
STANDARD MANHOLE COVER
DETAIL 300-03

TOP VIEW

BOTTOM VIEW

PROFILE

PICK HOLE

PUBLIC WORKS DIVISION
DATE: NOV., 2000
SCALE: NOT TO SCALE
NOTE:
1. NO INLET WITH DROP BOXES ARE ALLOWED IN LONGMONT.
2. STORM SEWER WILL ENTER INLET AT DOWN STREAM END.
3. NO PIPES SHALL ENTER INTO THE CORNER OF THE INLET.

STORM DRAINAGE
TYPE R INLET ACCESS LOCATION
DETAIL 300-04
NOTES:

1. THE MANHOLE COVER SHALL BE LOCATED OVER THE DOWNSTREAM STORM SEWER PIPE EXITING THE MANHOLE.
2. THIS ALLOWS FOR THE JET NOZZLE TO BE INSERTED DOWN THE MANHOLE COVER, MAKE ONE 90\(^{\circ}\) BEND AND ENTER THE UPSTREAM PIPE LINE. IT IS FED INTO THE PIPE TO THE UPSTREAM MANHOLE. THE WATER JET IS Turned ON AND PULLED BACK THROUGH THE PIPELINE. THE DIRT AND WATER ARE VACUUMED OUT OF THE MANHOLE INTO A STORAGE TANK.
3. IF TWO (OR MORE) PIPES ARE ENTERING THE MANHOLE, THE COVER SHALL BE LOCATED OPPOSITE OF THE TWO PIPES. THE LARGER PIPE BEING THE MORE IMPORTANT.
4. STEP ALIGNMENT SHALL BE COORDINATED WITH THE CITY INSPECTOR FOR PIPES GREATER THAN 36\(^{\circ}\).
PLAN

HOLE CROSS SECTION

<table>
<thead>
<tr>
<th>PIPE DIAMETER</th>
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STORM DRAINAGE
TRASH RACK MOUNTING DETAIL
(CIRCULAR FLARED END SECTION)
DETAIL 300-06D

PUBLIC WORKS DIVISION
DATE: FEB., 2001
SCALE: NOT TO SCALE
### Storm Drainage

**Trash Rack Mounting Detail**

(ELLIPICAL FLARED END SECTION)

**Detail 300-06F**

**Public Works Division**

**Date:** Feb., 2001

**Scale:** Not to Scale

#### Equivalent Circular Diameter

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<tr>
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SILT FENCE INSTALLATION

NOTE: EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL LANDSCAPING IS COMPLETED, OR AS DIRECTED BY LOCAL JURISDICTION

SECTION

Urban Drainage and Flood Control District
Drainage Criteria Manual (V.3)
TRENCH EXCAVATION

STRAW BALE INSTALLATION

SECTION

NOTE: EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL LANDSCAPING IS COMPLETED, OR AS DIRECTED BY LOCAL JURISDICTION

Urban Drainage and Flood Control District
Drainage Criteria Manual (V.3)

STRAW BALE EROSION BARRIER
DETAIL 300-08

PUBLIC WORKS DIVISION
NOTE: EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES AS DIRECTED BY THE LOCAL JURISDICTION.

NOTES

1. ALL ROCK TO BE REMOVED UPON COMPLETION OF CONSTRUCTION.
2. PUBLIC ROADWAY TO BE KEPT CLEAN AND FREE OF MUD, DIRT AND DEBRIS AT ALL TIMES.

Urban Drainage and Flood Control District
Drainage Criteria Manual (V.3)

STORM DRAINAGE
CONSTRUCTION STAGING PAD
DETAIL 300 09