1/4" - GALVANIZED STEEL DIAMOND PLATE
OR APPROVED GRATE OR COVER

6" X 6" MAX.
WIDTH AND HEIGHT

4" CONCRETE

4"-5/8" CRUSHED
ROCK BASE

CROSS SECTION

3/8" RECESSED MACHINE
SCREW (18" O.C. BOTH
SIDES.)

1/4" STEEL DIAMOND
PLATE

#4 - DOWELS WELDED TO
1" HEAVY WALL (1/8") SQUARE
TUBING. (LENGTH OF DOWEL LEGS
TO BE A MIN. OF 12" WITH A MIN.
OF 18" O.C.)

4"x6" OR OTHER APPROVED DIMENSIONED
LUMBER TO BE USED TO FORM CHANNEL
IN CONCRETE

TYPICAL DOWNSPOUT

4"MIN.

AIR GAP

TYPICAL CROSS-SECTION

2% MIN. GRADIENT

NOTES:
1. CONSTRUCTION JOINTS SHALL BE PLACED AS
   SHOWN OR AS DIRECTED BY THE ENGINEER.
2. CONCRETE SHALL BE 3,000 PSI.
3. THE GRATE SHALL BE Flush WITH THE
   ADJACENT SIDEWALK.
4. NO OBSTRUCTIONS WILL BE ALLOWED IN
   THE SIDEWALK.
5. A MINIMUM 4" AIR GAP SHALL BE
   MAINTAINED BETWEEN ROOF DOWN-
   SPOUTS AND SIDEWALK DRAINS.
6. ANY VARIATION TO THIS STANDARD MUST HAVE
   WRITTEN APPROVAL FROM CITY ENGINEER

SAME AS CITY STD NO. 6-12

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

SIDEWALK DRAIN
DETAIL

APPROVED FOR PUBLICATION

City Engineer 10/31/10

DWG. NO. 1-17