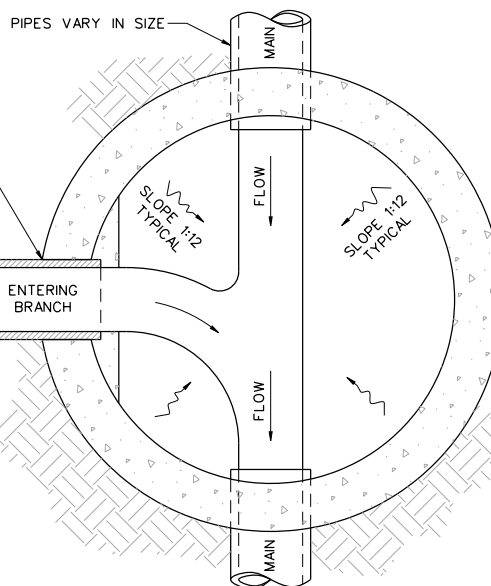


ELEVATION SECTION

3/4" GRAVEL FOUNDATION OUTSIDE  
SHAPE MAY BE IRREGULAR.  
MAXIMUM THICKNESS WILL DEPEND  
ON SPECIFIC SITE CONDITIONS.



SECTION A-A



NOTES:

1. MANHOLE COVER TO CONTAIN ONE PICK HOLE.  
SEE SPECIFICATION DIVISION 5 FOR COVER LABEL.  
D&L SUPPLY P/N A-1180 (OR EQUAL).
2. STEPS SHALL BE MADE OF COPOLYMER POLYPROPYLENE  
CONFORMING TO ASTM D-4101. REINFORCING STEEL TO BE  
DEFORMED 1/2" DIAMETER GRADE 60 ROD.
3. FLAT LIDS MAY BE USED IN LIEU OF ECCENTRIC CONES  
WHERE NECESSARY. FLAT LIDS SHALL BE OF ECCENTRIC  
DESIGN AND MEET H20 LIVE LOADING. NO FLAT RING  
AND COVERS WILL BE ALLOWED UNLESS APPROVED BY  
PUBLIC WORKS.
4. USE FERNCO COUPLING TO TRANSITION TO CONCRETE  
OR PVC PIPE AS APPROPRIATE.

DETAILS ON THIS SHEET TO BE USED ONLY  
WITH PERMISSION OF THE CITY ENGINEER

STATEMENT OF USE

THIS DOCUMENT AND ANY ILLUSTRATIONS HEREON ARE PROVIDED AS STANDARD CONSTRUCTION DETAILS WITHIN  
LONDON CITY. DEVIATION FROM THIS DOCUMENT REQUIRES APPROVAL OF LONDON CITY, LONDON CITY CORPORATION  
AND J-U-B ENGINEERS CAN NOT BE HELD LIABLE FOR MISUSE OR CHANGES REGARDING THIS DOCUMENT.

REVISION

NO.	DESCRIPTION	BY	APR.	DATE
1	ADD CONCRETE COLLAR TO MANHOLE RING	CJF	M.C.	1/22/04
2	REPLACED PART NUMBER IN NOTES	TRG	M.C.	1/09/08
3	REVISED MANHOLE BASE SLOPE	BTB	M.C.	12/06/11



TYPICAL DROP MANHOLE

LONDON CITY  
100 NORTH STATE

STANDARD  
DRAWING  
NUMBER: **13b**  
CAD DWG: LC\_StdDwg.dgn  
PLOT SCALE: 1:1000  
DRAWN BY: BKW  
DESIGN BY: DCT  
CHECKED BY: MJJ  
ADOPTED DATE: 07 FEB 12