



GENERAL NOTES

1. ALL BACKFILL UNDER PIPE TO BE DEPOSITED BY HAND IN 6" LAYERS AND EACH LAYER MECHANICALLY TAMPED.
2. STANDARD SIZE MANHOLE COVERS: EAST JORDAN IRON WORKS, EAST JORDAN MICHIGAN, CAT. NO. 1120, TYPE "A" LID, WT., 350 LBS. OR EQUAL.

TABLE A

MAXIMUM DITCH WIDTHS FOR EXTRA STRENGTHS PIPE WITH GRANULAR BEDDING AS SHOWN.

ORDINARY CLAY BACKFILL

COVER DEPTH IN FEET	8" Ø OR 10" Ø PIPE	12" Ø OR 15" Ø PIPE
0 TO 14	36"	33"
14 TO 16	33"	30"
16 TO 18	30"	30"
18 TO 20	30"	30"
20 TO 30	27"	27"

TABLE B

MAXIMUM DITCH WIDTHS FOR EXTRA STRENGTHS PIPE WITH GRANULAR BEDDING AS SHOWN.

GRANULAR MATERIAL BACKFILL

COVER DEPTH IN FEET	8" Ø OR 10" Ø PIPE	12" Ø OR 15" Ø PIPE
0 TO 16	36"	36"
16 TO 19	36"	36"
19 TO 30	36"	33"

CHRISTMAN
CONSTRUCTION SERVICES

CONSTRUCTION MANAGERS • GENERAL CONTRACTORS • CONSTRUCTION ENGINEERS • CONSTRUCTORS

Main Office: 408 W. State Street, Lansing, Michigan 48933 P.O. Box 14120, 48901 Phone: 517/482-1488
 Flint Office: 6351 N. Dixie Road, Flint, Michigan 48907 P.O. Box 248, 48901 Phone: 313/234-6633

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

L-118

SHEET	IDENTIFICATION NO.	ISSUED FOR	DATE	DESIGNED
PROJECT		PRELIMINARY <input type="checkbox"/>		DRAWN
STATE ACCOUNT		CONSTRUCTION <input type="checkbox"/>		CHECKED
		FINAL RECORD <input type="checkbox"/>		APPROVED

ISSUE & REVISION BLOCK

1	Revised Drawing	JW	8/92
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ARCHITECTS
ENGINEERS
PLANNERS
SURVEYORS

GOVE ASSOCIATES, INC.

1601 Portage Street
Kalamazoo, Michigan
(616) 385-0011

SCALE:	AS SHOWN	DATE	
DRAWN BY:	JM,FR	7-1-90	
CHECKED BY:	JW	8-24-90	
APPROVED BY:	MES	8-24-90	

DETAILS FOR:
SANITARY SEWERS
PJ HOFFMASTER STATE PARK, DNR
MUSKEGON COUNTY, MICHIGAN

SHEET	9	PROJECT NUMBER	C13717-3
OF	9		

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