



NOTE 1:
 6" (150mm) - 4' (1.2m) DIA. M.H.
 8" (200mm) - 5' (1.5m) DIA. M.H.

NOTE 2:
 4' (1.2m) M.H.
 1'-8" (500mm) DESIRABLE
 1'-4" (400mm) MIN.
 5' (1.5m) M.H.
 1'-10" (560mm) DESIRABLE
 1'-6" (460mm) MIN.

PIPE DIA.	T	MINIMUM DEPTH			
		4' DIAMETER		5' DIAMETER	
		0" RISER	4" RISER	0" RISER	4" RISER
10"	2"	2.33'	2.67'	2.50'	2.83'
12"	2"	2.50'	2.83'	2.67'	3.00'
15"	2 1/4"	2.77'	3.10'	2.94'	3.27'
18"	2 1/2"	3.04'	3.38'	3.21'	3.54'
21"	2 3/4"	—	—	3.48'	3.81'
24"	3"	—	—	3.75'	4.08'
30"	3 1/2"	—	—	4.29'	4.63'
36"	4"	—	—	4.83'	5.17'
42"	4 1/2"	—	—	5.38'	5.71'

STRUCTURES REQUIRE SUMP FOR HEADROOM

PIPE DIA.	T	MINIMUM DEPTH			
		1.2m DIAMETER		1.5m DIAMETER	
		0mm RISER	100mm RISER	0mm RISER	100mm RISER
250mm	50mm	0.71m	0.81m	0.76m	0.86m
300mm	50mm	0.76m	0.86m	0.81m	0.91m
375mm	57mm	0.84m	0.94m	0.90m	1.00m
450mm	63mm	0.93m	1.03m	0.98m	1.08m
525mm	70mm	—	—	1.06m	1.16m
600mm	76mm	—	—	1.14m	1.24m
750mm	82mm	—	—	1.31m	1.41m
900mm	100mm	—	—	1.47m	1.58m
1050mm	108mm	—	—	1.64m	1.74m

STRUCTURES REQUIRE SUMP FOR HEADROOM

SCALE: 1"=2'



APPROVED BY: G. N. WIESNER
 DATE: AUG. 20, 1999

RESTRICTED DEPTH MANHOLE

LC1007

REVISIONS	DATE
DUAL DIMENSIONS	10/24/01

REVISIONS	DATE
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU 2647 - BUTTERFIELD ROAD
RESTRICTED DEPTH MANHOLE

SCALE: NONE
 DATE: 12/2/2005

DRAWN BY: N/A
 CHECKED BY: N/A