

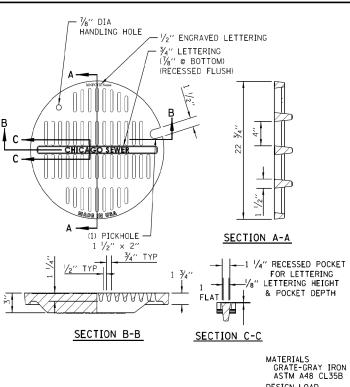
SECTION A-A

NOTE: METAL PLATES MUST BE FURNISHED FOR

PERFORATED LIDS ON MANHOLES.

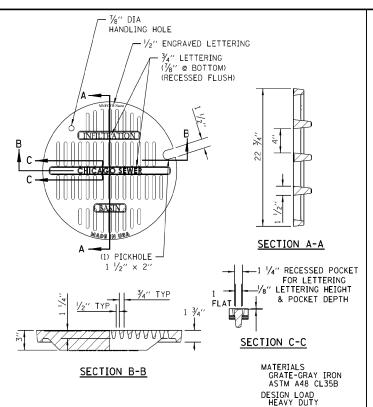
HEAVYWEIGHT MANHOLE FRAME

MATERIAL: CAST IRON



DESIGN LOAD HEAVY DUTY COATING UNDIPPED OPEN AREA 85.6 SQ. IN.

STANDARD CB/MH LID



COATING LINDIPPED OPEN AREA 85.6 SO. IN. STANDARD LID FOR INFILTRATION SYSTEMS

BRICK AND MORTAR ADJUSTMENT WITH A MINIMUM 2" CONCRETE RING TO A 8" MAXIMUM ADJUSTMENT. PROPOSED LEVELING BINDER OR HMA BINDER COURSE * PROPOSED HMA SURFACE COURSE * -EXISTING HMA BINDER COURSE CLASS SI CONCRETE: HIGH EARLY STRENGTH EXISTING BASE -(INCLUDED AND PAID FOR UNDER ADJUSTMENT ITEM) PROPOSED BREAK TOP OF EXISTING -24''Ø IN PAVEMENT MASONRY PROPOSED SAND FILL (INCLUDED AND PAID FOR UNDER ADJUSTMENT ITEM) TOP OF EXISTING UTILITY STRUCTURE NOTES: MASONRY

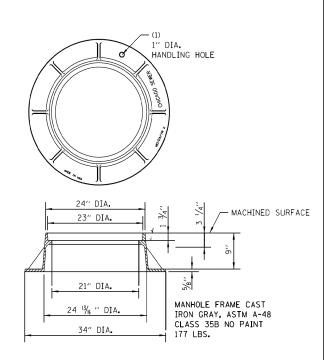
IF THE ADJUSTMENT EXCEEDS AN 8" HEIGHT, THE CONE MUST BE REMOVED AND THE BARREL SECTION MUST BE ADJUSTED.

THE CONTRACTOR IS REQUIRED TO REPLACE ANY BROKEN FRAMES AND LIDS OF SEWER STRUCTURES WITH STANDARD FRAMES AND LIDS OF THE DWM. IN ADJUSTMENT OR RECONSTRUCTION OF SEWER STRUCTURES, ANY NON-STANDARD FRAMES AND LIDS MUST BE REPLACED WITH STANDARD FRAMES AND LIDS. IN ADJUSTMENT OR RECONSTRUCTION OF INLETS, ANY NON-STANDARD INLETS (GUTTER BOXES) MUST BE REPLACED WITH DWM STANDARD INLETS.

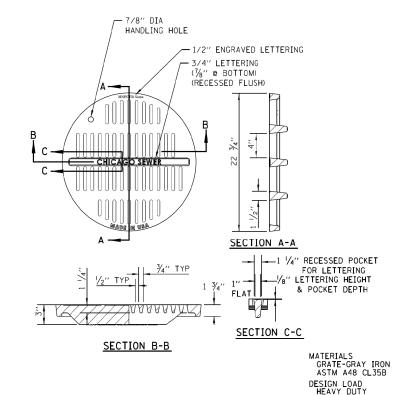
THE FRAMES AND LIDS OF SEWER STRUCTURES TO BE ABANDONED, REMOVED, OR FILLED MUST BE SALVAGED AND THE DWM NOTIFIED FOR PICK UP.

MANHOLES, CATCH BASINS AND INLETS MUST BE PROTECTED FROM THE ENTRY OF ASPHALT/DEBRIS INTO THE SEWER SYSTEM DURING CONSTRUCTION. THE CONTRACTOR MUST MARK LOCATIONS OF ALL SEWER STRUCTURES ON THE SIDEWALK BEFORE STARTING PAVEMENT REMOVAL/REPLACEMENT. ADJUSTMENT OF FRAMES AND LIDS OF SEWER STRUCTURES MUST BE COMPLETED PRIOR TO STREET RESURFACING.

DETAIL OF TYPE I FRAME ADJUSTMENT



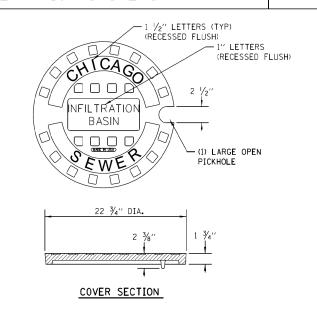
LIGHTWEIGHT MANHOLE FRAME



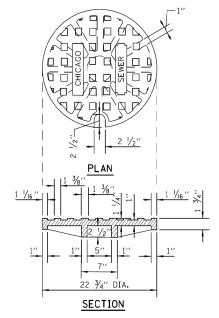
ADA MANHOLE LID

NOT TO BE USED WITHOUT PRIOR APPROVAL OF CDWM

NOTE:



INFILTRATION SOLID LID FOR CATCH BASIN



SOLID LID FOR MANHOLES

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STANDA	STANDARD REVISIONS		PERCENT COMPLETE		DATE	CITT OF CHICAGO	DRAWNI SBW DESIGNEDI		
DATE	DESCRIPTION		30			DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	CHECKED: GD, GC, SO	A.3	
12/17/12	REVISED		60			MANHOLE	REVIEWED:		ı
		[75				_ <u> </u>		ı
			90			LIDS AND FRAMES	UF		ı
			100				PN		ı
			BULLETIN				1 14		_

0160W26-Sht-CDWM-DETAIL-02.dgn DESIGNED - CDWM REVISED JSER NAME = kalorenz DRAWN CDWM REVISED CHECKED -CDWM REVISED PLOT DATE = 9/12/2013 DATE REVISED - 9/15/13

STATE OF ILLINOIS

F.A.I. RTE. SECTION COUNTY DRAINAGE DETAILS 90/94/290 2013-008R COOK 559 510 CHICAGO DEPARTMENT OF WATER MANAGEMENT CONTRACT NO. 60W26 SCALE: N.T.S. SHEET 2 OF 9 SHEETS STA.

DEPARTMENT OF TRANSPORTATION

COATING UNDIPPED OPEN AREA