



CONSTRUCTION NOTES

1. When In Pavement Area, Casting Shall Be Placed 1/4" Below Pavement Surface.
2. Only OSHA Approved Cast Iron Or Aluminum Steps Shall Be Permitted. Price Bros. 6061-T6, Neenah 1980-E, Or Approved Equal. Distance From Last Step To Floor Shall Not Exceed 16".
3. Precast Manhole Sections And Cone Shall Conform To A.S.T.M. C-47B-70, With 5" Wall Thickness Unless Otherwise Determined By The Engineer.
4. Lower Section Of Manhole Shall Be Set In Concrete Floor And Sealed From Inside Around Entire Circumference.
5. Openings For Pipe Sizes 18" Or Less Entering Manhole Above Outlet Springline May Be Cut In Field, Provided The Portion Inside The Manhole Is Cut To Fit The Circumference Of The Manhole.
6. Precast Inverts May Be Used Providing Prior Approval Of The Invert Shape And Pipe Seal Has Been Obtained.

DESIGN NOTES

Fall Through M.H. Shall Be 0.02' Or $F = K (V^2/2G)$, Whichever Is Greater

Degree Of Pipe Deflection	K Values
0-22.5	0.1
22.5-45	0.2
45-67.5	0.3
67.5-90	0.4
90-112.5	0.6
112.5-135	1.00

CITY OF ELYRIA OHIO
ENGINEERING DEPARTMENT

4' DIA. SANITARY M.H.
(For Pipe Sizes 24" And Under)

DATE	2-7-95	DR. BY	TJS	DATE	4-7-77	DRAWING 1-601
DATE	4-25-80	CK. BY	PLB	DATE	2/18/77	
DATE	9-25-77	BY		DATE		
DATE		BY		DATE		
REVISIONS		APPROVED CITY ENGINEER				