SECTION IIIB - GRAPHIC STANDARDS

The following graphic standards for plan and profile shall apply to all drawings of 1" = 20' scale. For smaller scale drawings, use proportionally smaller pen sizes.

1. Standards common to all departments for existing improvements on base drawings. Line weight shall be No. 0 K&E Rapidograph, Leroy or equal pen unless otherwise shown. Smaller pen sizes for lettering may be used for clarity.

1.1. Plan View

Property Line (No. 3 Pen)	
Ditches, Left and Right (Freehand)	
Center Line of Right-of-Way	
Transit Line	9+ 10+
Fence Line	Chain Link or Other; Barb Wire
Edge Concrete	
Curb Line	
Edge Asphalt (Freehand)	
Edge Shell or Gravel (Freehand)	
Dimension Line	28' 3+17
Theoretical Property Line (No. 2 Pen)	
H.L.& P. Co. Conduit	H.L.&P.Co. 9MTD M.H.
Gas Line	8" H.P. Entex Gas
Western Union Conduit	Western Union
S.W.B.T. Conduit	S.W.B.T.Co. 6MCD M.H.
Railroad	
Lot Lines	
Match Line (No. 3 Pen)	
Cable TV	

SECTION IIIB - GRAPHIC STANDARDS (Continued)

Fill Easement (No. 2 Pen)

Drainage Easement (No. 2 Pen)

Water Line

24" (and Smaller) Water

30" (and Larger) Water

Sanitary Sewer Line

24" (and Smaller) San. Sew.

30" (and Larger) San. Sew.

Storm Sewer Line

24" (and Smaller) Stm. Sew.

30" (and Larger) Stm. Sew.

Iron Pipe or Iron Rod Monuments (Red Ink for Property Corner)

¾" I.P.

Point of Intersection (P.I.)

Point of Curve (P.C.) or Point of Tangency (P.T.)

Power Pole

Power Pole Down Guy

Gas Meter

G.M.

Gas Valve

G.V.

Header

Building

1-Sty. Br. Bldg.

Tree

Hedge

Water Meter

Water Valve (Gate)

W.V.

Water Valve (Butterfly)

B.F. W.V.

Fire Hydrant

F.H.

W.V.

Tapping Sleeve & Valve

T.S. & V.

Reducer

6"

6"

Round Connections

6"

Sanitary Sewer Manhole and Cleanout

C.O.

M.H.

Storm Sewer Manhole

M.H.

Storm Sewer Inlets

"B" Inlet

"B-B" Inlet

Culvert Pipe

24" C.P.

Top of Curb or Gutter Line Elev.

TC-76.56

G.-76.06

SECTION IIIB - GRAPHIC STANDARDS (Continued)

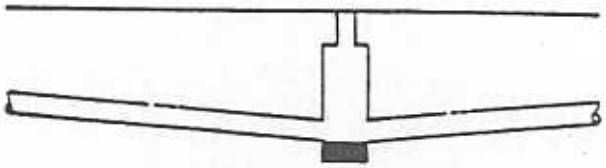
1.2. Profile View

North or East Property Line	
South or West Property Line	
North or East Ditch or Curb	
South or West Ditch or Curb	
Center Line of Right-of-Way	
H.L.& P. Co. Conduit	H.L. & P. Co. MTD
Gas Line	8" H.P. Entex Gas
Western Union	Western Union
S.W.B. Telephone Conduit	S.W.B.T. & MCD
Water Line	Exist. 36" Water Main
Sanitary Sewer Line	Exist. 24" (and Smaller) San. Sew.
	Exist. 30" (and Larger) San. Sew.
Storm Sewer Line	Exist. 24" (and Smaller) Stm. Sew.
	Exist. 30" (and Larger) Stm. Sew.

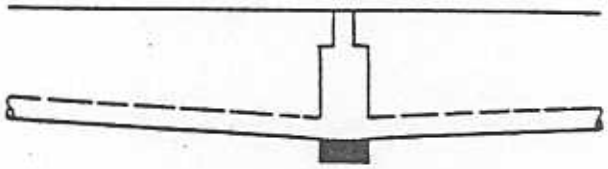
NOTE: Pipe less than four inches (4") in diameter need not be shown in profile

SECTION IIIB - GRAPHIC STANDARDS (Continued)

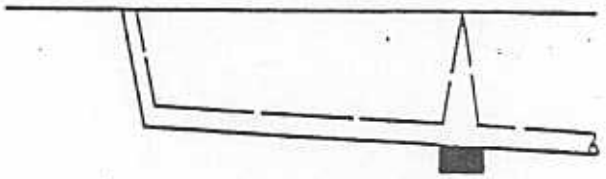
H.L.& P. Co. Manhole



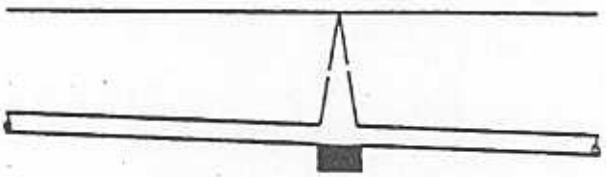
S.W.B. Telephone Manhole



Sanitary Sewer Manhole
and Cleanout



Storm Sewer Manhole

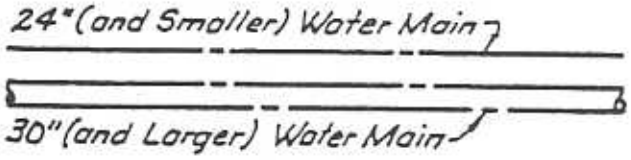


SECTION IIIB - GRAPHIC STANDARDS (Continued)

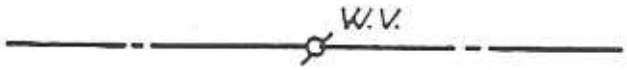
2. The following standards are to be used for all proposed water line improvements. Use a No. 3 pen for all proposed improvements. All fitting descriptions shall be shown in a box with arrow to the fitting or group of fittings. Smaller pen sizes for lettering may be used for clarity.

2.1. Plan View

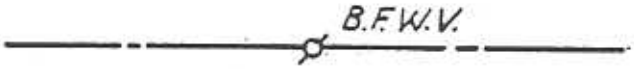
Water Line



Water Valve (Gate)

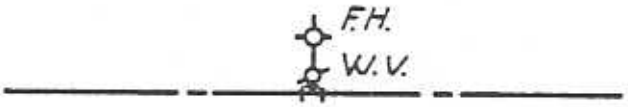


Water Valve (Butterfly)



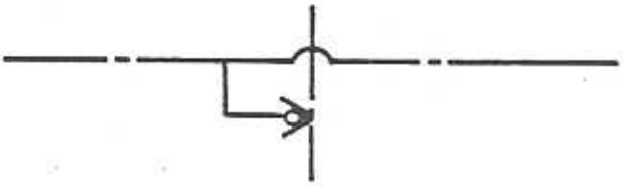
Tapping Sleeve and Valve

Fire Hydrant



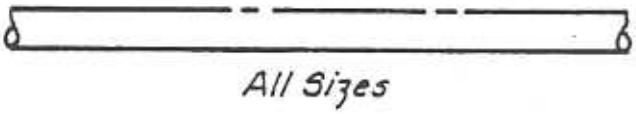
Reducers

Round Connections



2.2. Profile View

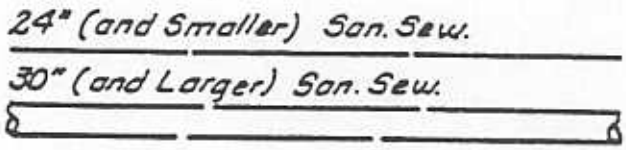
Water Line



3. The following standards are to be used for all proposed sanitary sewer improvements. Use a No. 3 pen for all proposed improvements. Smaller pen sizes for lettering may be used for clarity.

3.1. Plan View

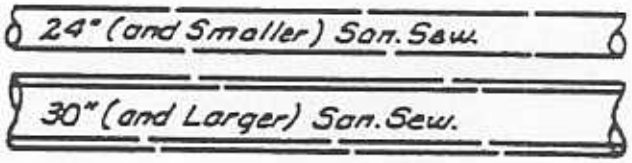
Sanitary Sewer Lines



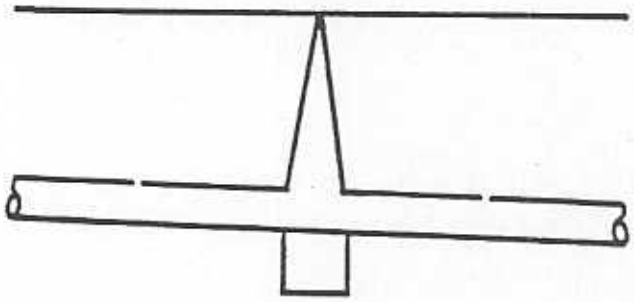
Manhole

3.2. Profile View

Sanitary Sewer Lines



Manhole

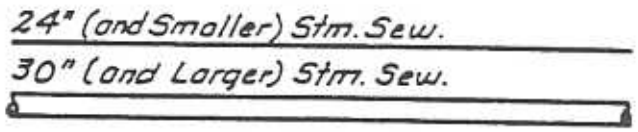


SECTION IIIB - GRAPHIC STANDARDS (Continued)

4. The following standards are to be used for all proposed storm sewer improvements. Use a No. 3 pen for all proposed improvements. Smaller pen sizes for lettering may be used for clarity.

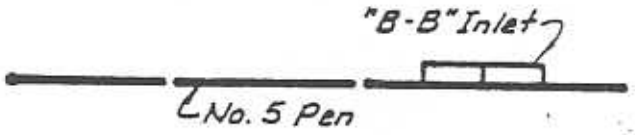
4.1. Plan View

Storm Sewer Lines



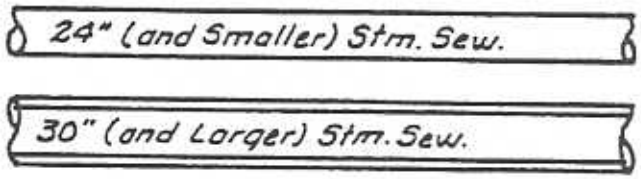
Manhole

Inlets

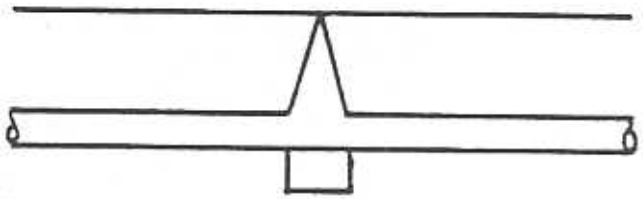


4.2. Profile View

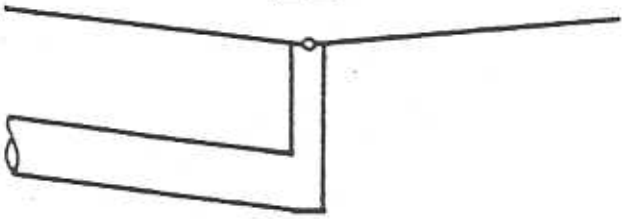
Storm Sewer Lines



Manhole



Inlet



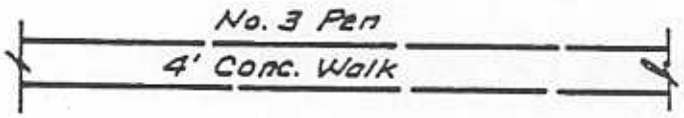
5. The following standards are to be used for all proposed paving improvements. Use pen size as noted. Smaller pen sizes for lettering may be used for clarity.

5.1. Plan View

Face of Curb

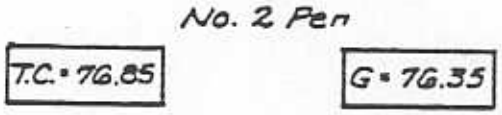
Edge of Pavement

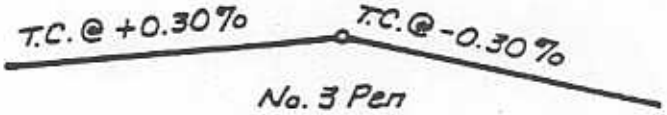
Concrete Walk



Concrete Header

Top of Curb or Gutter Elevation



5.2. Profile View

Top of Curb or Center Line of Open Ditch Paving