Storm Water Sewer 162

Ty-Cen Addition

NOTES

1. CONTRACTOR SHALL COORDINATE WORK WITH PAVING CONTRACTORS, AND CONTACT RELEVANT UTILITY COMPANIES AND OTHER AGENCIES INVOLVED IN THIS PROJECT SITE DEVELOPMENT.
2. FIELD ENGINEER SHALL TAKE TIES ON ALL IRONS AND THIMBLES IN THE PROJECT AREA PRIOR TO CONSTRUCTION. FIELD ENGINEER SHALL REPLACE ALL SUCH IRONS AND THIMBLES DISTURBED DURING CONSTRUCTION.
3. THE CURB INLETS LOCATION AS NOTED ON THE PLANS MAY VARY FROM PROPOSED PAVING PLANS. THE FIELD ENGINEER SHALL LOCATE CURB INLETS WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS.
4. CONTRACTOR HAS THE OPTION TO INSTALL PRE-CAST TYPE I-A CURB INLETS IN LIEU OF THE BRICK TYPE CONSTRUCTION; SEE STANDARD DETAIL PRE-CAST TYPE I-A INLET DATED AUGUST, 1979.
5. END SECTION AT PIPE OUTFALL SHALL BE CONSTRUCTED TO ALIGN WITH THE SLOPE OF THE BANKS IN ORDER THAT THE WALL PROTRUSION IS MINIMUM. WHERE SUCH PROTRUSION CANNOT BE AVOIDED, FILL AROUND THE WALL AT APPROXIMATELY 5:1 SIDE SLOPES SO END SECTION APPEARS ENTIRELY RECESSED.
6. ALL CONCRETE SHALL BE "6-SACK CONCRETE" UNLESS OTHERWISE NOTED.

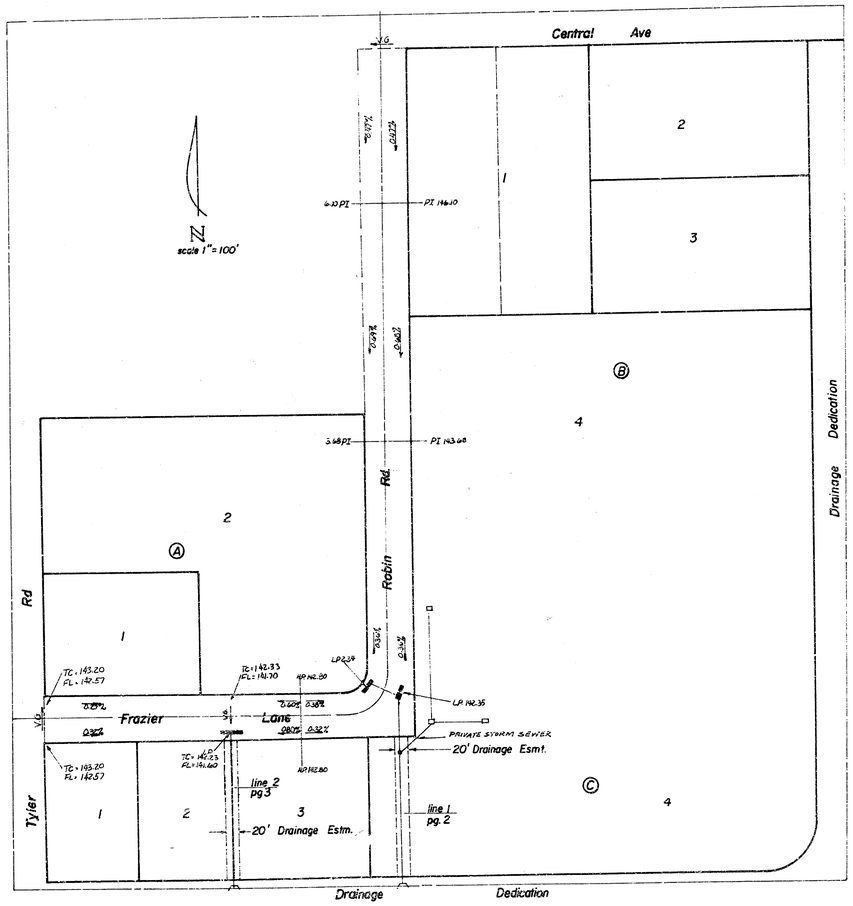


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City of Wichita, Kansas
Dean Sellers, Acting City Engineer
Proj. no. 468-76-245-80759-000-000-001
Date _____

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N

Scale 1"=20'

80' Dedication

Canal

Prop. Flow Line

Drainage

25'

14' bottom

Block C
Lot 3

Sta. 1+99 Const. Special Reinf. Conc. M.H. see Detail Sheet 4

20' Utility Esmt.

Install Type 3 Rip-Rap

Install End section

20' Drainage Esmt.

Lot 4

Prop. 19"x30" H.E.R.C.P. from Private Storm Sewer System to be Connected to special manhole & constructed by "Others" Cost of connection incidental to project if necessary

Encase both ends w/ Conc. Cost Incidental to Linear Feet of Pipe

Replace w/ 18' of 8" Ductile Iron Pipe

Remove 8" San. Sewer

Install 4'of 19"x30" HERCP stub

Encase both ends w/ Conc. Cost Incidental to Linear Feet of Pipe

Replace w/ 18' of 8" Ductile Iron Pipe

Remove 8" San. Sewer

Block A
Lot 2

Const. type IA Curb Inlet, w=4'-2", Top 142.34

Install 4' of 15" pipe, USFL=139.03, DSFL=138.93

8" W.

0.36%

R/W

Bk. Bk.

ROBIN RD.

20'

41'

Const. Type IA Curb Inlet, w=4'-2" Top 142.34

Install 4of 15" pipe, USFL=138.13 DSFL=138.03

0.30%

Block B
Lot 4

BM 144.04 City Std. on NW cor. of Central and Tyler 56' N of Central and 38' W of ℄ Tyler.

BM 143.51 Bridge spike on E side of P.P. at NE cor. of house no. 535 N Tyler.

Sta. 0+00 Install End section Short Pipe

Sta. 1+99 Const. Special Manhole See Detail Sheet 4

Sta. 2+94 Const. Curb Inlet w=6' Top = 142.35 Pvmt. Elev. 142.80

Sta. 3+46 Const. Curb Inlet w=4'-2" Top = 142.33 Pvmt. Elev. 142.20

Prop. Pvmt.

Const. 12" Min. Cover Cost incidental to project. Existing Ground

DWS 141.5

Install Type 3 Rip-Rap

8" San. Sewer, Replace w/ 8" Ductile Iron Pipe, FL=137.50

Caution: Contractor shall ensure complete encasement of 8" Ductile Iron Pipe in Concrete at least 1" all around the pipe, cost Incidental to Manhole

8" San. Sewer Replace w/ 6" Ductile Iron Pipe

132.20 | 138.10 138.40 | 138.63 138.63 | 138.93

199' of 29"x45" HERCP @ +0.15%
Alt. 199' of 99"x33" CMPA (fully Paved) @ +0.15%

95' of 26"x36" H.E.R.C.P @ +0.24%
Alt. 95' of 82"x29" CMPA (fully Paved) @ +0.24%

51' of 16"x23" H.E.R.C.P. @ +0.59%
Alt. 51' of 21"x15" C.M.P.A. @ +0.59%

132.20 0+00 | 137.85 1+00 | 138.33 2+00 | 138.67 3+00

145 140 135

SWS 162 TY-CEN Addn.
line 1

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N

Blk C

80' Dedication

Lot 2

Lot 3

Lot 1

Blk A

Lot 2

Canal

Prop. Drainage FLOW

Lane

Fiazier

Const. Type I-A Curb Inlet, w=4'-2"
Top 142.18
Install 4' of 15" pipe, US FL=139.92
DS FL=139.32

Encase both ends w/ Conc. Cost incidental to Linear Feet of Pipe

Remove 8' San. Sewer

Replace w/ 18' of 8" Ductile Iron Pipe

FL=141.40 V.G. FL=141.70

Install Type 3 Rip-Rap

Install End Section

20' Drainage Esmt.

Install 4' of 15" pipe, US FL=139.92, DS FL=139.32
Const. Type I-A Curb Inlet w=4'-2", Top=142.18

Sta. 0+00 Install End Section Begin Pipe

Sta. 2+34 Const. Curb Inlet w=4'-2" Top=142.18 Pvmt. Sta. 3+00

Existing Ground

DWG 141.5

Install Type 3 Rip-Rap

6" San. Sewer Replace w/ Ductile Iron Pipe FL=138.15

137.80

139.20

234' of 35"x24" CMPA (Fully Paved) @ 10.81%

132.79 0+00

138.19 1+00

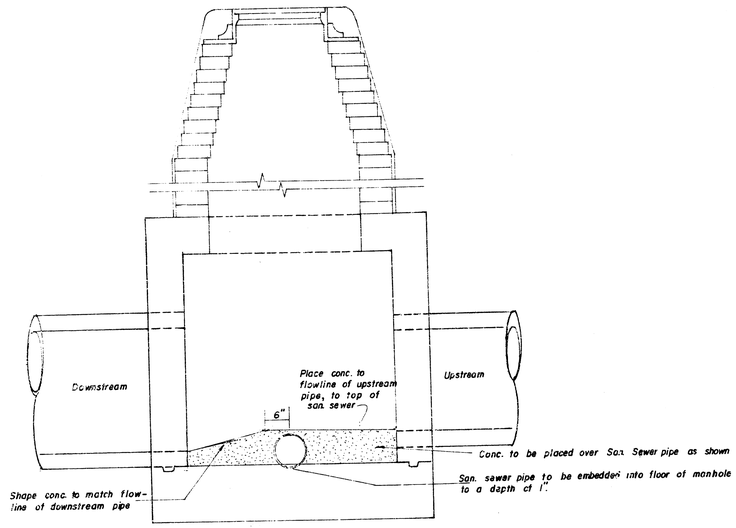
138.80 2+00

145
140
135

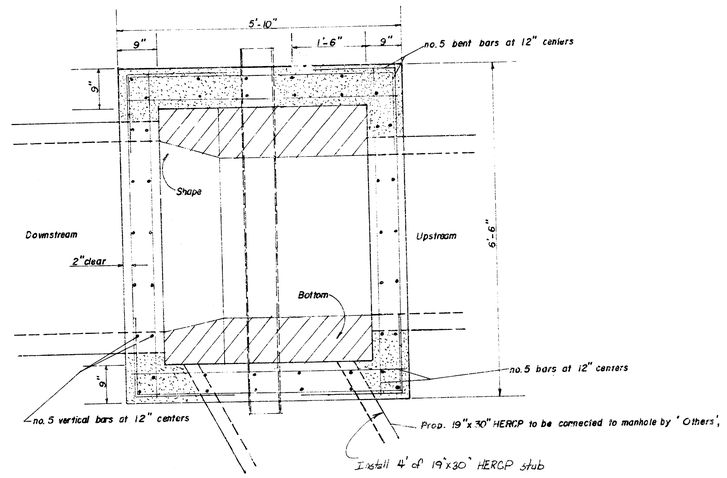
145
140
135

SWS 162 TY-CEN
line 2

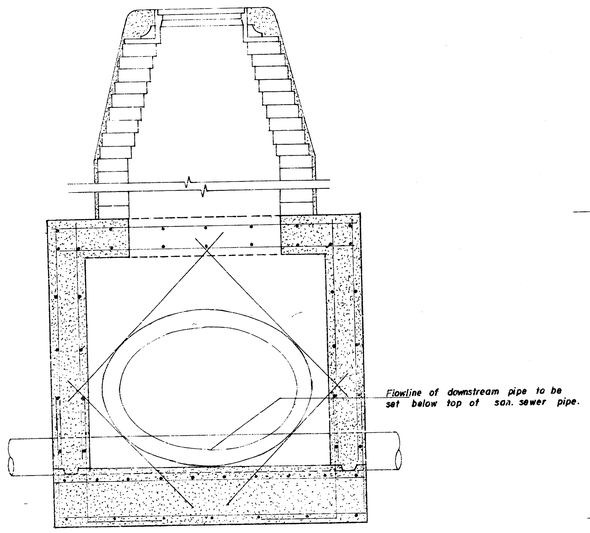
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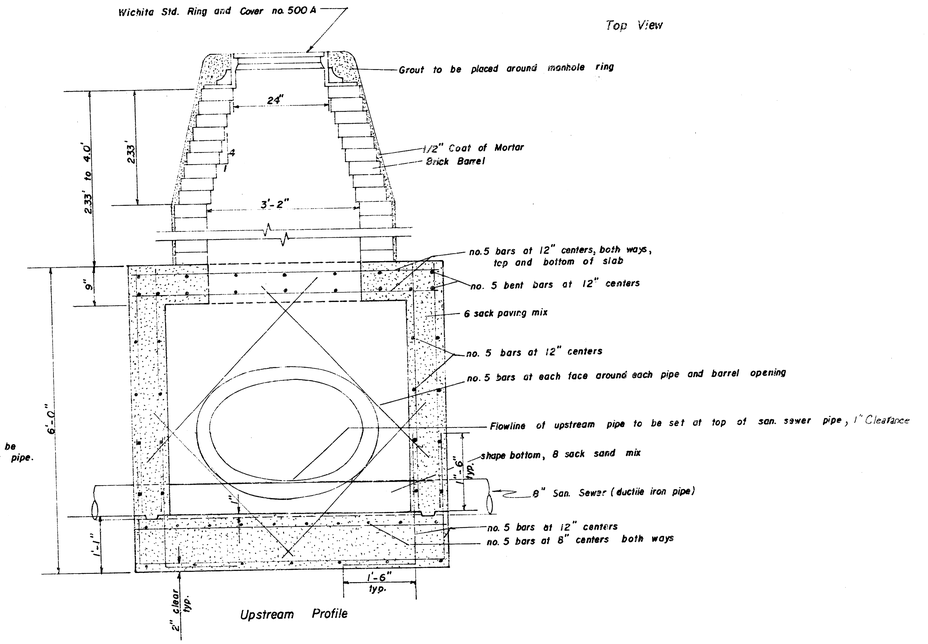
Side View



Top View



Downstream Profile



Upstream Profile

Special Reinforced Concrete Manhole

Scale 3/4"= 1'-0"

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