FILMED FROM THE BEST

STORM DRAINAGE FOR GOEBEL BROS ADDITION

2 / 2

WICHITA , KANSAS
PROJECT NO. :468-76
246-80835-000-000-006

NOTE TO CONTRACTOR
This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will reimburse the City of Wichita for all cost of Engineering, Plans and Inspection.

Approved by City Council
By CITY Engineer, Wichita, Kansas

Drawn By
Design By
Check By
Submitted By
Date

Scale: 1"=40'

Scale: 1"=40'

Scale: 1"=100'

DROP INLET DETAIL
SCALE=1/2"=1'-0"

Top View

Class A Concrete

Brick inlet walls Shall conform to city of Wichita Specs. for brick inlet walls

Steel encase-ment pipe

Gas main, Ic coated Steel encase-ment pipe set @ 90° only

Install wood gas stop ect's to keep Ic encasement concentric w/ gas main

Thr Dwg #3 ↓

Cast welded Ic steel encasement pipe in brick wall, seal w/ grout, coat pipe w/ coal tar or asphalt base.

Install Ic #400 cntrls in 1 #400 F Frame, 24"x48" Nom.

Prior to excavation ground gas main contractor shall contact Hartshel Runion, Arkla Gas Co., 942-8336

WARNING
100 PSI gas main

Proposed 42" RCP Strm

Exist Trwt Block

Exist Concrete Slab

Exist Drainage Channel

Rip Rap

Type 3

Sta. 18+90 Transition from RCP end Section

Construct Junction Box over drop inlet, Detail same as Detail on Sheet W-4-6

Top Slab Elev. = 111.4

Sta. 22+94 : Top Inlet Elev = 111.4 See Detail this Sheet Inlet to be centered on gas main

Alternate to Inlet @ 22+94 : Contractor shall coordinate relocation of 8" gas main above 42" RCP w/ Arkla Gas Co

Sta. 22+119 Construct Drop Inlet W-4-6 Top Inlet Elev = 111.4 See Detail this Sheet

E R Goebel Bros Addtn.

Sta. 24+62 Construct Drop Inlet Top Inlet Elev = 111.6 See Detail ; This Sheet

Sta. 24+36 Construct Drop Inlet W=3.0' Top Inlet Elev = 111.6 See Detail ; This Sheet

Sta. 27+80 Construct Drop Inlet W = 3.0' Top Inlet Elev. = 111.7 See Detail ; This Sheet

NE Corner Goebel Bros Addtn

McCormick Ave.

Sta. 29+41.9 End 42"RCP Pave Chge and Backfill

R.P. B.M.1'

60'

Hydraulic Jump

Radius of Fit

23.62

Exist.

43' Uni.

20' Drain Esmt.

Proposed 42" RCP

FH

Exist Trwt Block

42"

12.5'

20' Drng Esmt.

W

0'

Exist Drainage Channel

Type 3 Rip Rap

Sta. 18+90 Transition from RCP end Section

E R Goebel Bros Addtn

Construct Junction Box over drop inlet, Detail same as Detail on Sheet W-4-6

Top Slab Elev. = 111.4

P.I. Sta. 15+15.9

10' Drainage Esmt.

305'

10'

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8" Gas

P.P.

B.M. 2'

Sta. 24+36 Construct Drop Inlet W=3.0' Top Inlet Elev = 111.6 See Detail ; This Sheet

Sta. 24+62 Construct Drop Inlet Top Inlet Elev = 111.6 See Detail ; This Sheet

720'

10'

0'

W

Sta. 27+80 Construct Drop Inlet W = 3.0' Top Inlet Elev. = 111.7 See Detail ; This Sheet

NE Corner Goebel Bros Addtn

McCormick Ave.

Sta. 29+41.9 End 42"RCP Pave Chge and Backfill

R.P. B.M.1'

60'

VICINITY PLAT
1"=1000'

McCormick Ave. 25

Harry St.

Hydraulic St.

Water Ave.

Zoning

42" RCP

Proposed 42" RCP Strm

Exist Trwt Block

42"

12.5'

20' Drng Esmt.

W

0'

Exist Concrete Slab

Scale: 1"=40'

Type 3 Rip Rap

Exist Drainage Channel

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