SCALE: 1"=20'

20' 0 20' 40'

Sta. 22+31.42, 3.11' Lt. to
Sta. 22+64.53, 3.09' Lt.
Abandon 33.1 L.F. 24"x27" Brick Arch
in place, plug both ends & fill with
5.5 C.Y. Flowable Fill

Sta. 22+21.42, 3.12' Lt. to
Sta. 22+31.42, 3.11' Lt.
Remove 10.0 L.F. 24"x27" Brick Arch

Sta. 13+14.16, Line GI-MHI2 =
Sta. 14.49.02, Line LI-L3 =
Sta. 22+33.58, 9.00' Rt.
Const. Reinforced Concrete Manhole, MHII
(L=5.0')(W=4.0')
Install 36" x 37.2' Storm Sewer
(RCP)(N)
See Sheets 29-38 (455)

MATCHLINE STA. 21+53.00

Line LI
Line MH10
ST. FRANCIS AVENUE
Line MHII
Line L2
Line L3
Proposed Waterline
W.M.
W.V.
POT=46.38

Sta. 13+51.32, Line GI-MHI2 =
℄ Sta. 22+70.59, 12.35' Rt.
Const. Reinforced Concrete Manhole, MHI2
(L=5.5')(W=4.0')
Remove 3.1 L.F. 36" RCP (N)
Connect Exist. 36" RCP (N)
See Sheets 29-38 (456)

Sta. 15+00.00, Line KI-K3
℄ Sta. 19+24.50, 29.83' Lt.
Const. Inlet (Type 2, Double), KI
Install 15" x 148.5' Storm Sewer
(RCP)(N)
See Sheets 29-38 (448)

Sta.16+48.50, Line KI-K3 =
℄ Sta. 20+73.00, 29.83' Lt.
Const. Inlet (Type 2, Double), K2
Install 15" x 46.2' Storm Sewer
(RCP)(NE)
See Sheets 29-38 (450)

Line KI
Line K2
ST. FRANCIS AVENUE
Line MH9
MH10
Line K3
Line MH10
W.M.
W.V.
Proposed Waterline

Sta. 17+01.98, Line KI-K3
℄ Sta. 21+00.00, 12.00' Rt.
Const. Inlet (Grated, Single), K3
Install 15" x 7.3' Storm Sewer
(RCP)(W)
See Sheets 29-38 (449)

TRANSYSTEMS
245 N. WACO
SUITE 222
WICHITA, KANSAS 67202
MAIN: 316-303-3000
FAX: 316-462-5629

CONSULTANTS:

COMMERCE STREET & ST. FRANCIS
AVENUE IMPROVEMENTS
FROM WATERMAN TO KELLOGG

WICHITA, KANSAS

CITY OF WICHITA

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: 472-2021
SCALE: 1"=20'
DATE: 2/21/2024
DESIGNED BY: MLC
DRAWN BY: DJK
CHECKED BY: MDB

SHEET TITLE:

ST. FRANCIS AVENUE
STORM SEWER
IMPROVEMENTS
SYSTEM G & K

SHEET NO.
36

SHEET 36 OF 163

1,315
1,310
1,305
1,300
1,295
1,290
1,285
1,280
1,275

455

Structure Number: MHII
5'x4' Reinforced Concrete Manhole
Sta. 13+14.16, Line GI-MHI2 =
Sta. 14+49.02, Line LI-L3 =
℄ Sta. 22+33.58, 9.00' Rt.
Top Elevation = 1295.63

456

Structure Number: MHI2
5.5'X4' Reinforced Concrete Manhole
Sta. 13+51.32, Line GI-MHI2 =
℄ Sta. 22+70.59, 12.35' Rt.
Top Elevation = 1295.52

Exist. Ground
Proposed Ground
L2 ℄ In=1291.88 (E)
LI ℄ In=1291.61 (SW)
℄ In=1289.47
℄ Out=1289.46
℄ In=1289.31
Exist. 36" RCP
†℄ Out=1289.29

Line MH10
133.62 L.F.
36" Storm Sewer
@0.49%

Line MHII
37.16 L.F.
36" Storm Sewer
@0.46%

GI-MHI2

448

Structure Number: KI
Type 2 Curb Inlet, Double
Sta. 15+00.00, Line KI-K3 =
℄ Sta. 19+24.50, 29.83' Lt.
High Edge Elevation = 1294.44

450

Structure Number: K2
Type 2 Curb Inlet, Double
Sta. 16+48.50, Line KI-K3 =
℄ Sta. 20+73.00, 29.83' Lt.
High Edge Elevation = 1294.93

451

Structure Number: MH10
5'x4' Reinforced Concrete Manhole
Sta. 16+94.73, Line KI-K3 =
Sta. 17+80.58, Line GI-MHI2 =
℄ Sta. 21+00.00, 6.00' Rt.
Top Elevation = 1295.42

449

Structure Number: K3
Grated Driveway Inlet, Single
Sta. 17+01.98, Line KI-K3 =
℄ Sta. 21+00.00, 12.00' Rt.
High Edge Elevation = 1295.30

Exist. Ground
Proposed Ground
†℄ Out=1291.10
℄ In=1290.45
℄ Out=1290.45
℄ In=1290.15
MH9 ℄ In=1290.14 (S)
℄ Out=1291.95
℄ In=1291.91
MH10 ℄ Out=1290.12 (N)

Line KI
148.50 L.F.
15" Storm Sewer
@0.45%

Line K2
46.23 L.F.
15" Storm Sewer
@0.67%

Line K3
7.25 L.F.
15" Storm Sewer
@0.92%

KI-K3

IF THIS DRAWING IS LESS THAN 22" X 36" IT IS A REDUCED SIZE DRAWING

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