FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0137-01	99	22A	94

Horiz. Scale 0 20 40

Profile Vert. 5 0

HINKLE ADDITION

25' Bldg. Setback

36" VCP San. Sewer (rec.)

30' C.O.W. Easement

KANSAS WILDLIFE AND PARKS (PARK BOARD)

C-262-UP

Cable Fence

EXIST. 40' ROW

Gravel

12" AC Waterline

18" x 12" CMPHE

SS MH (rec.)

NE COR., NW 1/4, SEC. 1, T27S, R1E

SECTION LINE

Asphalt

42+00

43+00

44+00

45+00

46+00

47+00

29TH STREET NORTH

CENTERLINE PROPOSED PAVEMENT

CL STA. 43+65.90, PI

8" PVC Waterline

Existing 18" RCP

OH Electric

PP

OM

BOV

SWS LINE NO. 1A, STA 0+00.00
=CL STA 43+91.94, 35.56' RT.
N. 4956.95 E. 5743.56
BREAK INTO EXISTING MANHOLE.
CONNECT 15" RCP TO MANHOLE.
FL IN (E)=171.20
FL IN (N)=171.20
FL OUT (W)=171.03

SWS LINE NO. 1A, STA 0+89.59
CL STA 44+81.28, 42.44' RT.
N. 4950.07 E. 5832.89
CONSTRUCT 5'-0" DIA SHALLOW TYPE 'P' MANHOLE, WITH GRATED INLET TOP
DEETER MODEL 1970, OR APPROVED EQUAL
TOP ELEV=176.22
FL OUT (W)=171.72

NE COR., NE 1/4, SEC. 1, T27S, R1E

Existing Concrete Sidewalk

Existing Gas Line (KANEB)

18" CMP

21" VCP San. Sewer

SWS MH
Top Elev=177.18
FL In (N) 18" RCP=171.20
FL Out (W) 24" RCP=171.03

Sprinkler Head

Speed Limit Sign

SS MH

Buried Telephone Line

4" DRISCO Gas Line (KGE Gas/ONEOK)

Sprinkler Valve

Existing 24" RCP

Street Sign

Curb Inlet

Sign

Sprinkler Valve

EXIST. 50' ROW

5' Wall Easement

Buried Television Cable

Buried Electric Line

Buried Telephone Line

Sprinkler Valve Box

Conc. Wall

20' Utility Easement

35' Bldg. Setback

Cult. Field

CAUTION!!!
CABLE TV PEDESTAL
BURIED ELECTRIC
TELEPHONE PEDESTAL

GRADE SWALE TO DRAIN (50 LF)
MIN. SLOPE=1.0%

CAUTION!!!
BURIED TELEPHONE CABLE
COORDINATE CROSSING WITH
SOUTHWESTERN BELL,
GREG SHARPE (268-2245)

STA 0+00.00 TO STA 0+89.59
INSTALL 84.59 LF 15" RCP

MEADOW OAKS

RESERVE "A" ADDITION

RESERVE "B"

Brick Entrance Sign

No Outlet Sign

5' Wall Easement

15' Bldg. Setback

25' Bldg. Setback

SS MH
Top Elev=176.48

3" Birch
30" Pine
25" Bldg. Setback
6" Pine
4" Birch
10" Pine
2" Sapling
6" Pine
3-2" Saplings

6" Cedar
4" Cedar
5" Cedar
10" Cedar
8" Cedar

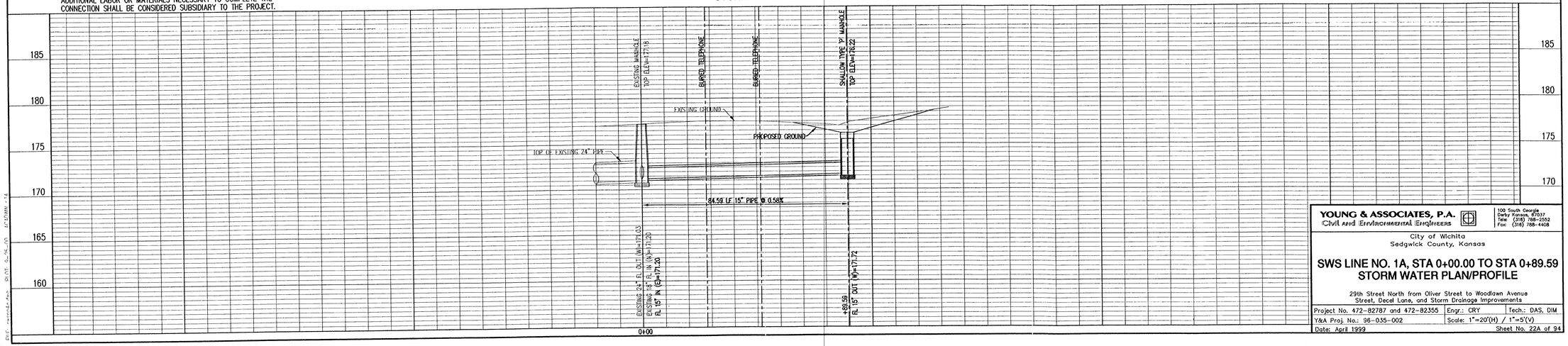
COORDINATE CONTROL:
#2 – 3/4" I.P. NE COR., NW 1/4, SEC. 1, T 27S, R1E
N=5000.0000 E=5000.0000
#3 – 1/2" I.P. IN 5" DIA. THIMBLE NE COR., NE 1/4
SEC. 1, T27S, R1E
N=5000.0428 E=7848.8573

BENCHMARK INFORMATION:
COW DISC, EDGEMOOR AND 29TH STREET NORTH,
5.5' EAST AND 37' NORTH OF THE NE CORNER OF THE
NW 1/4, SEC. 1, T27S, R1E
ELEV.=172.38 (COW DATUM)

CHRISTOPHER R. YOUNG LICENSED 11315 KANSAS PROFESSIONAL ENGINEER

SPECIAL NOTES:
1. UNLESS OTHERWISE INDICATED, PIPELINE DIMENSIONS ARE MEASURED FROM CL STRUCTURE TO CL STRUCTURE.
2. THE CONTRACTOR SHALL VERIFY PIPE SIZES, FITTINGS, VERTICAL AND HORIZONTAL LOCATION OF THE EXISTING MANHOLE AT 0+00.00. THE CONTRACTOR SHALL REPORT HIS FINDINGS TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS MAY BE MADE. ANY ADDITIONAL LABOR OR MATERIALS NECESSARY TO COMPLETE THE CONNECTION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT.

STORM SEWER LINE NO. 1A



YOUNG & ASSOCIATES, P.A.
Civil and Environmental Engineers
100 South Georgia
Derby Kansas, 67037
Tele: (316) 788-2552
Fax: (316) 788-4408

City of Wichita
Sedgwick County, Kansas

SWS LINE NO. 1A, STA 0+00.00 TO STA 0+89.59
STORM WATER PLAN/PROFILE

29th Street North from Oliver Street to Woodlawn Avenue
Street, Decel Lane, and Storm Drainage Improvements

Project No. 472-82787 and 472-82355	Engr.: CRY	Tech.: DAS, DIM
Y&A Proj. No.: 96-035-002	Scale: 1"=20'(H) / 1"=5'(V)	
Date: April 1999	Sheet No. 22A of 94	

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