FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0303-01	2003	38	143

SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL

Sta. 41+02.89, Line 1
B.L. Sta. 87+00, 22.50' Lt.
Match Point

STA 0+28.00 LINE 1T
BL STA 87+92.9, 51.5' LT
CONNECT TO EX. CMP
WITH CONCRETE COLLAR
PER DETAIL
END LINE 1T
SEE SWS 14

STA 41+95.79 LINE 1
= BL STA 87+92.9, 22.5' LT
= STA 0+00 LINE 1T
CONSTRUCT MANHOLE STACK
OVER 6'x 4' RCBC PER DETAIL
ELEV= 77.39 RIM
SEE SWS 14
LINE 1T PROFILE

STA 42+05.1 LINE 1
BL STA 88+02.2
Encase 12.0 LF Exstg 8" Sanitary
Sewer Pipe.
Field Verify Depth and Location
of Existing Sanitary Sewer.

STA 42+62.79 LINE 1
= BL STA 88+59.90, 22.5' LT
P.I. (45° BEND) CL LINE 1

STA 42+79.38 LINE 1
= BL STA 88+71.63, 34.23' LT
P.I. (45° BEND) CL LINE 1

PROP. 8" WTR
RELOCATION

STA 42+89.57 LINE 1
= BL STA 88+80.9, 33.5' LT
CONSTRUCT TYPE 1 INLET
(11'4"x9'4") PER DETAIL
ELEV= 77.10 TOP

42+98.03 Back
= 43+00 Ahead

STA 44+95.84 LINE 1
= BL STA 90+86, 33.5' LT
= STA 0+00 LINE 1V
CONSTRUCT TYPE 1 INLET
(11'4"x8'4") PER DETAIL
ELEV= 77.96 TOP
SEE SWS 14
LINE 1V PROFILE

STA 45+43.69 LINE 1
BL STA 91+33.84
Encase 12.0 LF Exstg 8" Sanitary
Sewer Pipe.
Field Verify Depth and Location
of Existing Sanitary Sewer.

Sta. 47+10.03, Line 1
B.L. Sta. 93+00, 33.50' Lt.
Match Point

CAUTION! Existing Gas S/L UGE Crosses

CAUTION! Existing SWB x3 Parallels

CAUTION! Existing Wtr S/L Gas S/L 6" Gas Crosses

CAUTION! Existing SWB x4 Parallels Over

CAUTION! Existing CTV Crosses

CAUTION! Existing SWB x2 Parallels Over

CAUTION! Existing SWB x2 UGE Crosses

CAUTION! Existing Wtr S/L Crosses

CAUTION! Existing SWB x3 Crosses 4" Gas Parallels

CAUTION! Existing SWB x2 4" Gas 8" Wtr Crosses

CAUTION! Existing 16" Wtr Crosses

CAUTION! Existing 16" Wtr Crosses

LINE 1T
15" RCP

LINE 1
6'x4' RCBC

LINE 1
60" RCP

LINE 1U
15" RCP

LINE 1V
15" RCP

IDLEWILD

51ST ST SO

BL = SECTION LINE

Rock Drive

30" SAN SEWER (RCP)

3' K G & E EASEMENT

CL 3.0' K G & E EASEMENT

Ex 16" Wtr (Cast Iron)

Ex 6" Gas (GS)

Ex 4" Gas (GS)

Ex Asph

Ex Walk

Concrete

24" CMP

18" HCMP

15" RCP

Wtr Probe
73.76 T.P.

PROP. 16" WTR
RELOCATION

Wtr Probe
74.87 T.P.

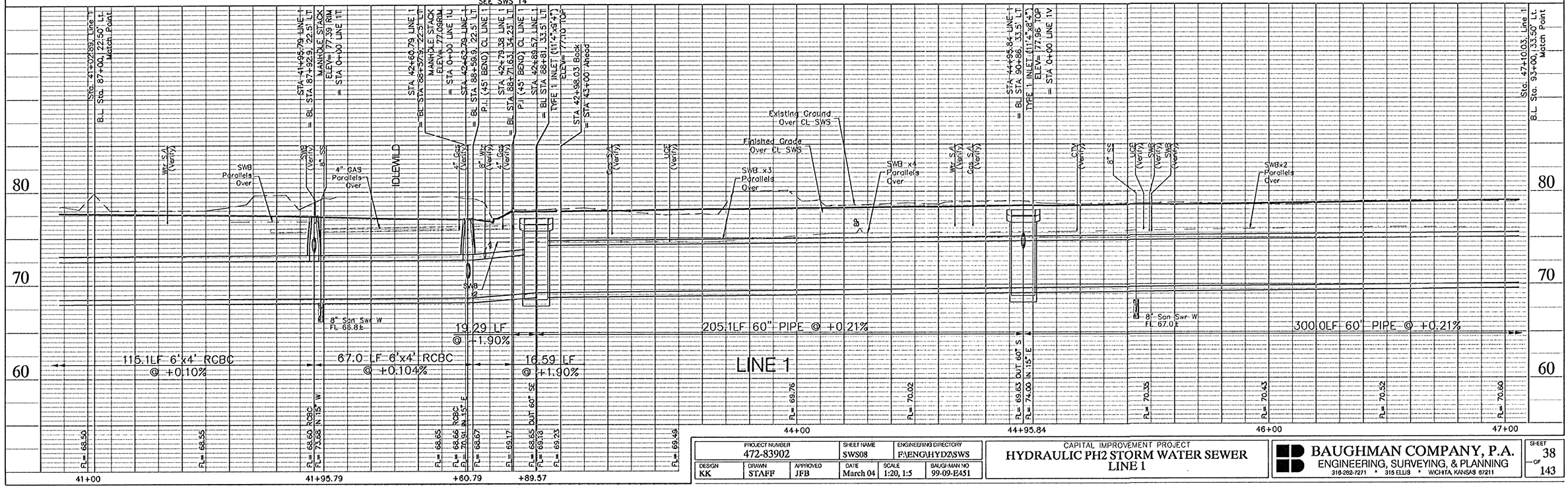
PROP. 16" WTR
RELOCATION

STA 0+54.00 LINE 1U
BL STA 88+57.9, 31.5' RT
CONSTRUCT TYPE 1 INLET
(11'4"x4'4") PER DETAIL
ELEV = 77.10 TOP
END LINE 1U
SEE SWS 14

STA 42+60.79 LINE 1
= BL STA 88+57.9, 22.5' LT
= STA 0+00 LINE 1U
CONSTRUCT MANHOLE STACK
OVER 6'x 4' RCBC PER DETAIL
ELEV= 77.09 RIM
SEE SWS 14
LINE 1U PROFILE

STA 0+64.98 LINE 1V
BL STA 90+86, 31.5' RT
CONSTRUCT TYPE 1 INLET
(11'4"x4'4") PER DETAIL
ELEV = 78.15 TOP
END LINE 1V
SEE SWS 14

NOTE: Contractor to use caution during excavation on this Project. Multiple Underground Utilities parallel and cross New Construction. Underground Utilities are shown located according to the best information available at the time of drawing.
Contractor to FIELD VERIFY exact locations and depths PRIOR TO Construction on this Project.



PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
472-83902	SWS08	F:\ENG\HYD2\SWS

DESIGN	DRAWN	APPROVED	DATE	SCALE	BAUGHMAN NO
KK	STAFF	JFB	March 04	1:20, 1:5	99-09-E451

CAPITAL IMPROVEMENT PROJECT
HYDRAULIC PH2 STORM WATER SEWER
LINE 1

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

SHEET 38 OF 143