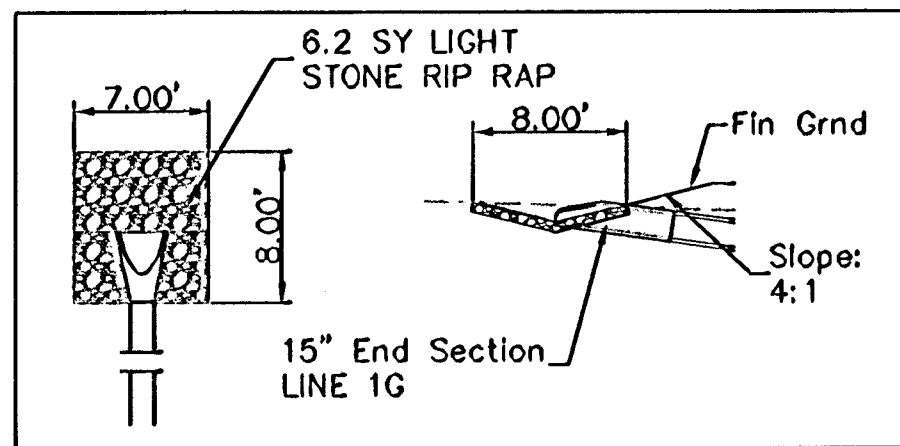


PLANS REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87-N-0303-01	2003	33	143

RIP RAP INSTALLATION DETAIL



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.

CAUTION!
Existing
4" GAS
Parallels

STA 14+48.95 LINE 1
= BL STA 60+52.5, 32.5' LT
= STA 0+00 LINE 1F
BL STA 60+52.5, 31.5' LT
CONSTRUCT TYPE 1 INLET
(11' 4" x 4' 4") OVER RCBC
w/ DROP THRU BOTTOM
ELEV= 74.49 TOP
SEE SWS 13
LINE 1F PROFILE

Poles to be Temporarily Braced
During Storm Water Sewer Construction.
Coordinate with Westor.
(Provide at Least 2 Weeks Notice)

STA 0+29.5 LINE 1G
BL STA 62+91.5, 62.0' LT
INSTALL 15" END SECTION
WITH 6.2 SY LIGHT STONE
RIP RAP. SEE DTL THIS SHT.
END LINE 1G
SEE SWS 13

CAUTION!
Exstg
4" GAS
Parallels
Over

CAUTION!
Proposed
12" WATER
4" GAS
Crosses

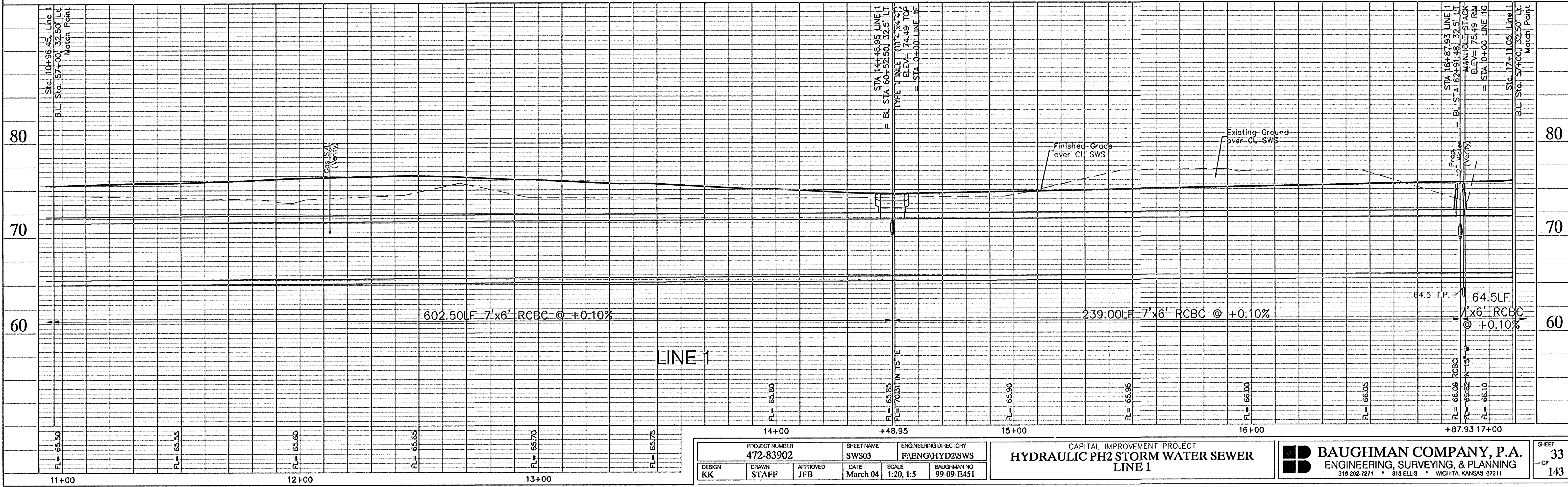
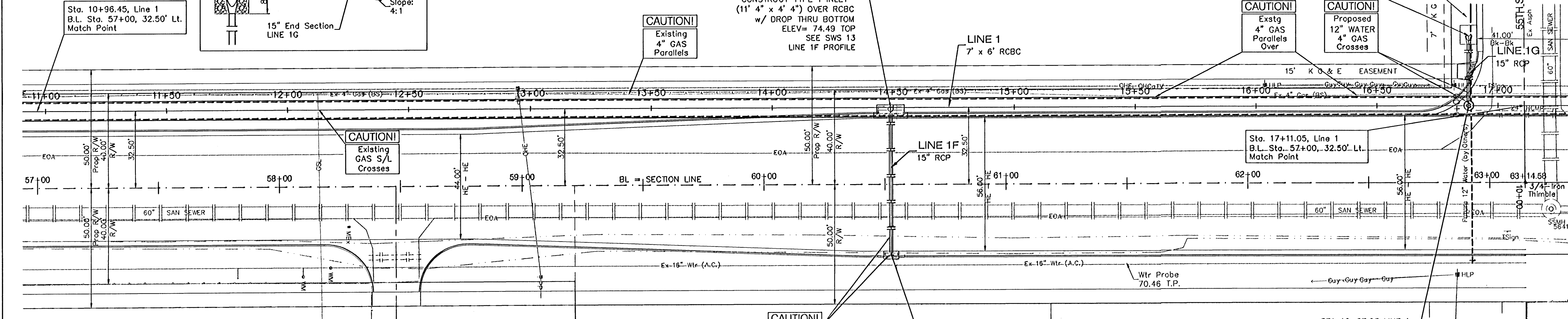
REGRADE TO DRAIN
SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL

Sta. 17+11.05, Line 1
B.L. Sta. 57+00, 32.50' Lt.
Match Point

STA 16+87.93 LINE 1
= BL STA 62+91.48, 32.5' LT
= STA 0+00 LINE 1G
CONSTRUCT MANHOLE STACK OVER
7'x 6' RCBC PER DETAIL
ELEV= 75.49 RIM
SEE SWS 13
LINE 1G PROFILE

STA 0+61.95 LINE 1F
BL STA 60+52.5, 29.2' RT
CONSTRUCT TYPE 2 INLET
(DOUBLE)
ELEV = 74.49 TOP
END LINE 1F
SEE SWS 13

CAUTION!
Existing
UGSWB
Crosses



PROJECT NUMBER 472-83902	SHEET NAME SWS03	ENGINEERING DIRECTORY FAENGHYD2SWS
DESIGN KK	DRAWN STAFF	APPROVED JFB
DATE March 04	SCALE 1:20, 1:5	BAUGHMAN NO 99-09-E451

CAPITAL IMPROVEMENT PROJECT
**HYDRAULIC PH2 STORM WATER SEWER
LINE 1**

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
318-282-7271 • 318 ELLIS • WICHITA, KANSAS 67211

SHEET
33
OF
143