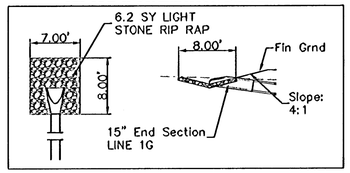
FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0303-01	2003	33	143

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

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.

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

Sta. 10+96.45, Line 1
B.L. Sta. 57+00, 32.50' Lt.
Match Point

CAUTION! Existing 4" GAS Parallels

CAUTION! Existing GAS S/L Crosses

STA 14+48.95 LINE 1
= BL STA 60+52.5, 32.5' LT
= STA 0+00 LINE 1F
STA 0+01 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

LINE 1
7' x 6' RCBC

LINE 1F
15" RCP

CAUTION! Existing UGSWB Crosses

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

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

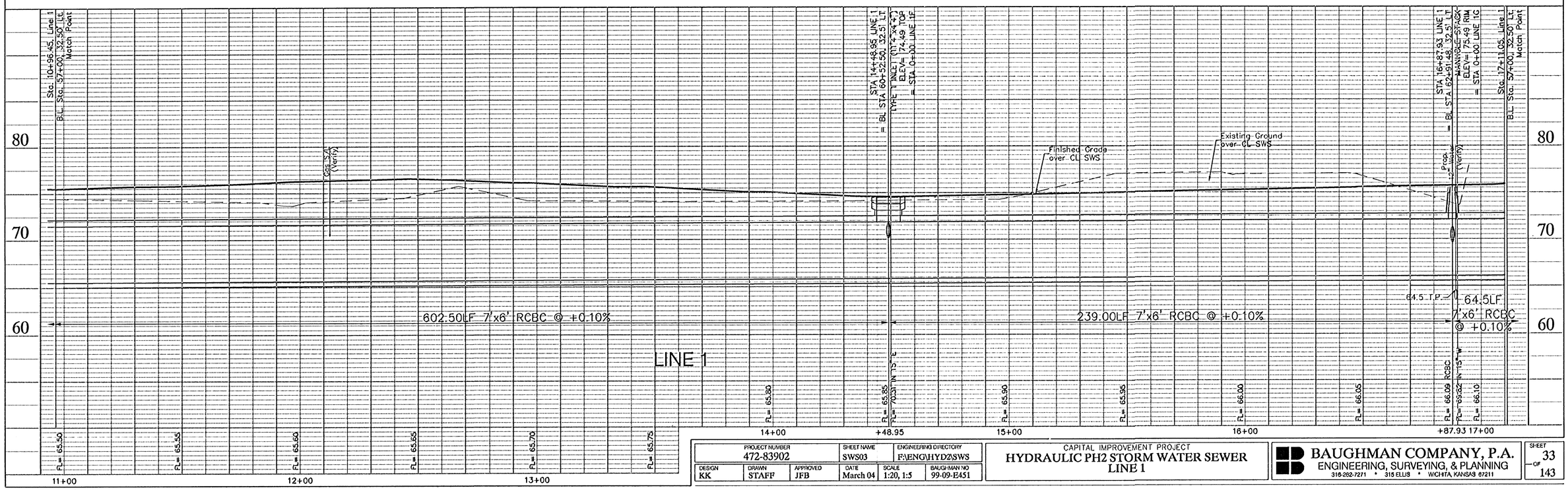
REGRADE TO DRAIN

55TH ST SO

LINE 1G
15" RCP

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



PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
472-83902	SWS03	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 33 OF 143