

BANDELIER
NATIONAL
MONUMENT

FRIOLES
CREEK
CROSS SECTIONS

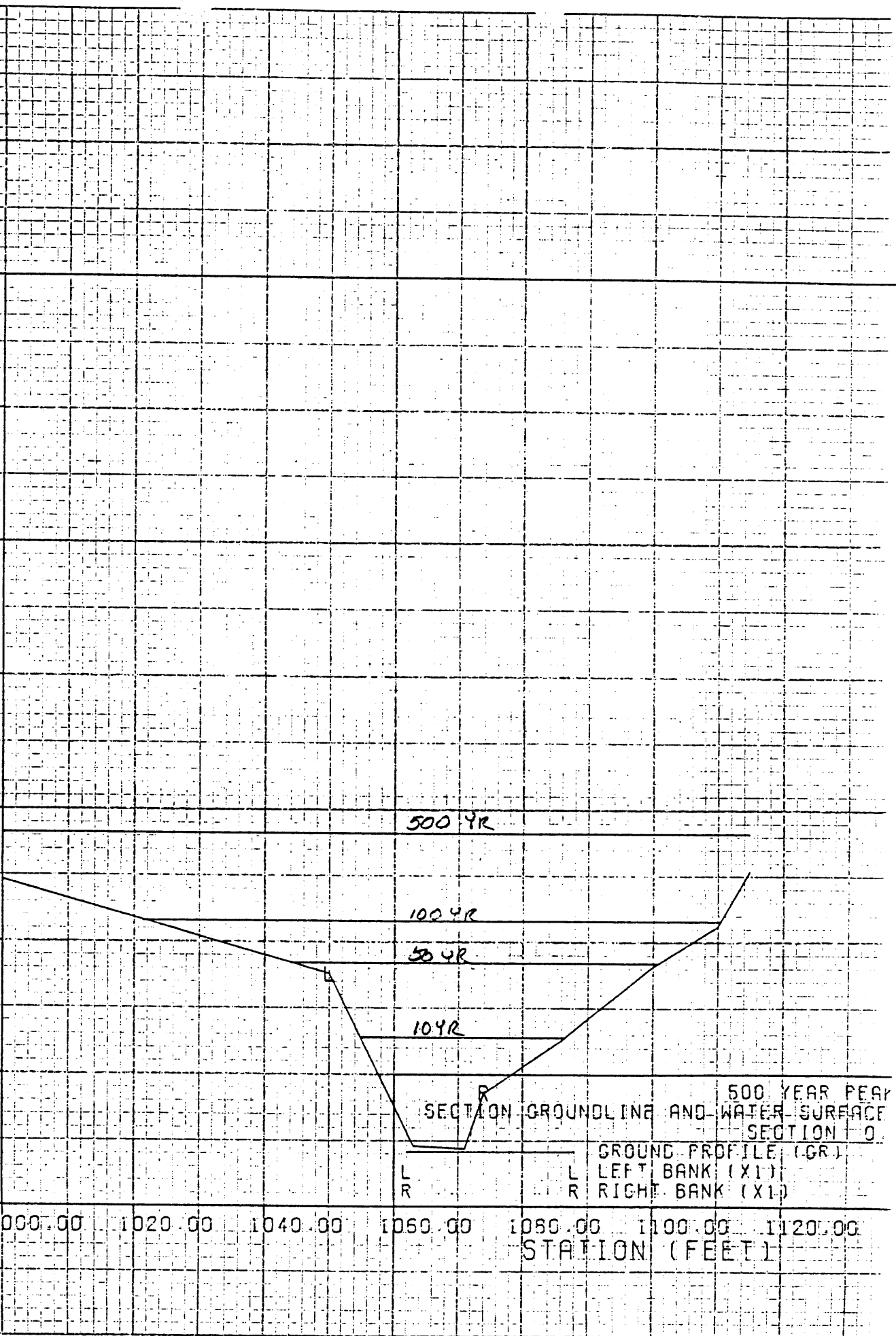
(AND OTHER PERTINENT
HYDROLOGY NOTES)

SECTIONS TAKEN BY NPS
PLOTTED FROM C.O.E. HEC-2
GRAPHICS PROGRAM

10-, 50-, 100-, 500-YEAR FREQUENCY
FLOOD ELEVATIONS INCLUDED

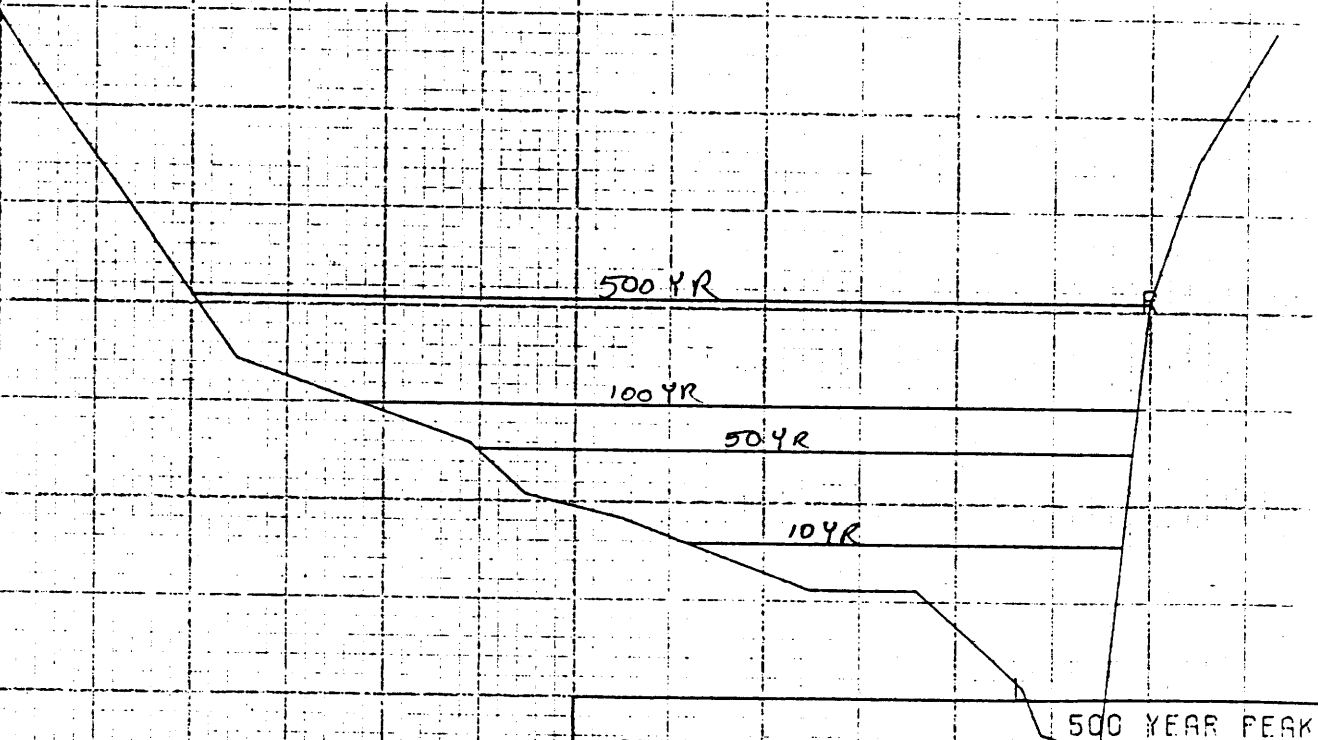
U.S. ARMY CORPS OF ENGIN.
ALBUQUERQUE DISTRICT
HYDROLOGIC ENGIN. SEC.

ELEVATION (FEET ABOVE MSL): 6175.00 6185.00 6190.00 6195.00 6200.00 6205.00 6210.00



ELEVATION (FEET ABOVE MSL)

6160.00 6165.00 6170.00 6175.00 6180.00 6185.00 6190.00 6195.00



SECTION GROUNDLINE AND WATER SURFACE
SECTION 59

GROUND PROFILE (GR)
L LEFT BANK (X1)
R RIGHT BANK (X1)

1000.00 1020.00 1040.00 1060.00 1080.00 1100.00 1120.00
STATION (FEET)

ELEVATION (FEET ABOVE MSL)

6185.00
6180.00
6175.00
6170.00
6165.00
6160.00
6155.00
6150.00

500 YR

100 YR

50 YR

10 YR

SECTION GROUNDLINE AND WATER SURFACE 10- 50- 100- 500-YEAR FLOOD
SECTION 1059

GROUND PROFILE (GR)

L
R

L LEFT BANK (X1)
R RIGHT BANK (X1)

STATION (FEET)

1000.00 1020.00 1040.00 1060.00 1080.00 1100.00 1120.00 1140.00 1160.00 1180.00

ELEVATION (FEET ABOVE MSL)

6150.00 6155.00 6160.00 6165.00 6170.00 6175.00 6180.00 6185.00

500 YR

100 YR

50 YR

10 YR

SECTION GROUNDLINE AND

500 YEAR PEAK
WATER SURFACE
SECTION 12

GROUND PROFILE (GR)

L
R

L LEFT BANK (X1)
R RIGHT BANK (X1)

1000.00 1050.00 1100.00 1150.00 1200.00 1250.00 1300.00
STATION (FEET)

ELEVATION (FEET ABOVE MSL)

6145.00 6150.00 6155.00 6160.00 6165.00 6170.00 6175.00 6180.00

500 YR

100 YR

50 YR

10 YR

SECTION GROUNDLINE AND WATER SURFACE
500 YEAR PEAK
SECTION 1505

GROUND PROFILE (GR)

L LEFT BANK (X1)
R RIGHT BANK (X1)

STATION (FEET)

1000.00 1050.00 1100.00 1150.00 1200.00 1250.00 1300.00

ELEVATION (FEET ABOVE MSL)
6130.00 6135.00 6140.00 6145.00 6150.00 6155.00 6160.00 6165.00

500 YR

100 YR

50 YR

10 YR

SECTION GROUNDLINE AND WATER SURFACE
500 YEAR PEAK
SECTION 2230

GROUND PROFILE (GR)
L LEFT BANK (1X1)
R RIGHT BANK (1X1)

STATION (FEET)
1000.00 1050.00 1100.00 1150.00 1200.00 1250.00 1300.00

ELEVATION (FEET ABOVE MSL)

6115.00	6120.00	6125.00	6130.00	6135.00	6140.00	6145.00	6150.00
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1000.00 1050.00 1100.00 1150.00 1200.00 1250.00 1300.00

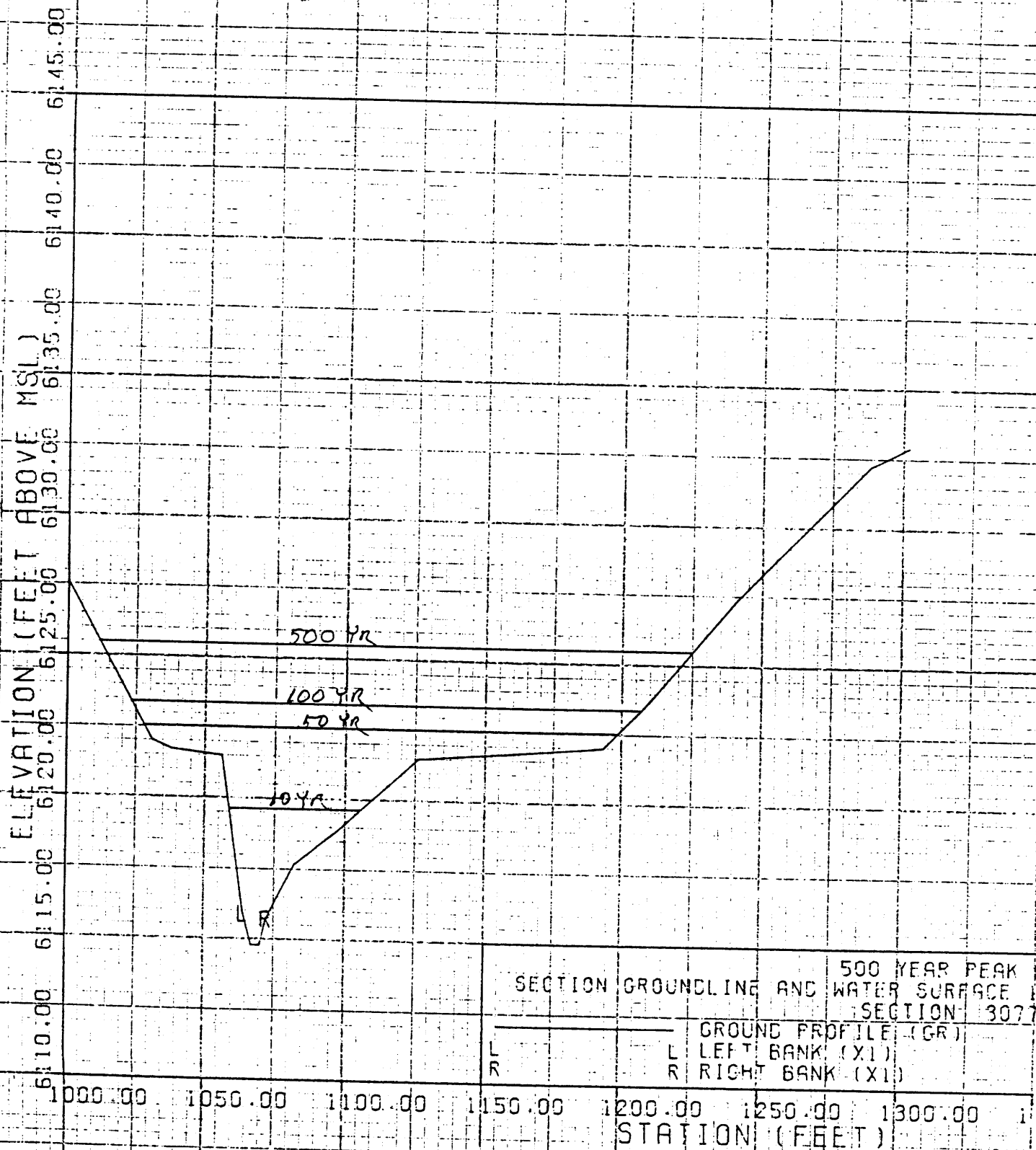
STATION (FEET)

SECTION GROUNDLINE AND WATER SURFACE
500 YEAR PEAK
SECTION 290

GROUND PROFILE (GR)
L LEFT BANK (X1)
R RIGHT BANK (X1)

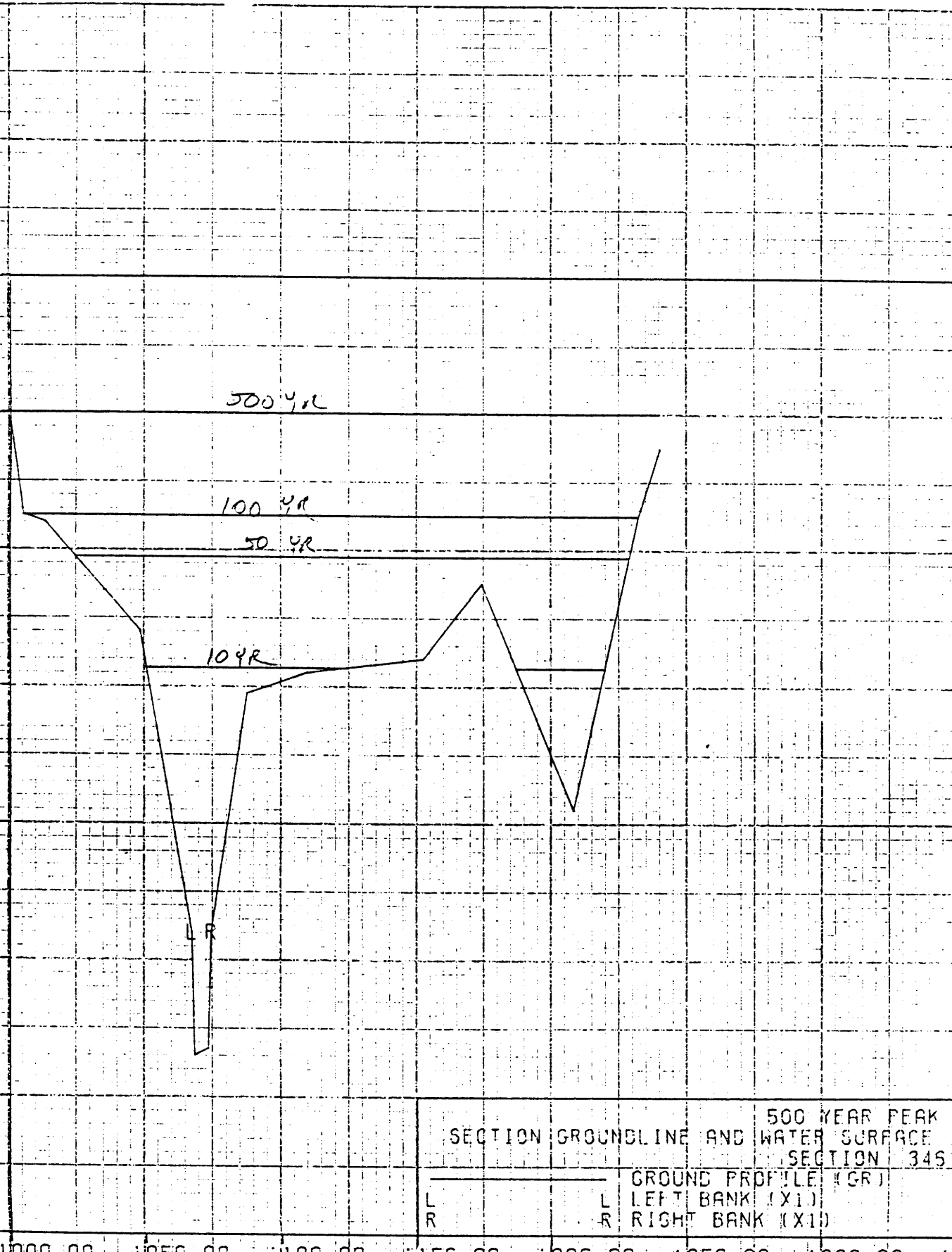
500 YR
100 YR
50 YR
10 YR

L R



ELEVATION (FEET ABOVE MSL)

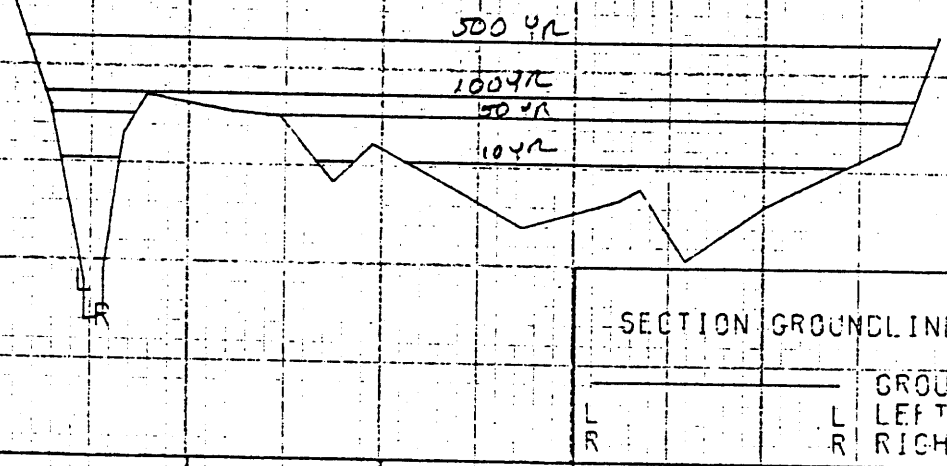
6105.00 6108.00 6110.00 6112.00 6114.00 6116.00 6118.00 6120.00



SECTION GROUNDLINE AND WATER SURFACE
SECTION 346
GROUND PROFILE (GR)
L LEFT BANK (X1)
R RIGHT BANK (X1)

STATION (FEET)

ELEVATION (FEET ABOVE MSL)
6110.00 6115.00 6120.00 6125.00 6130.00 6135.00



SECTION GROUNDLINE AND WATER SURFACE
500 YEAR PEAK
SECTION 3731

GROUND PROFILE (GR)
L LEFT BANK (X1)
R RIGHT BANK (X1)

STATION (FEET)
1000.00 1050.00 1100.00 1150.00 1200.00 1250.00 1300.00

ELEVATION (FEET ABOVE MSL)

6090.00 6095.00 6100.00 6105.00 6110.00 6115.00 6120.00 6125.00

500 YR

100 YR

50 YR

10 YR

R

SECTION GROUNDLINE AND WATER SURFACE
500 YEAR PEAK
SECTION 4010

GROUND PROFILE (GR)

L
R

L LEFT BANK (X1)
R RIGHT BANK (X1)

STATION (FEET)

1000.00 1050.00 1100.00 1150.00 1200.00 1250.00 1300.00

ELEVATION (FEET ABOVE MSL)

6090.00 6092.00 6094.00 6096.00 6098.00 6100.00 6102.00 6104.00

500-YR

100-YR

50-YR

10-YR

SECTION GROUNDLINE AND WATER SURFACE
500 YEAR PEAK
SECTION 4399
GROUND PROFILE (GR)
L LEFT BANK (X1)
R RIGHT BANK (X1)

STATION (FEET)

1000.00 1050.00 1100.00 1150.00 1200.00 1250.00 1300.00

ELEVATION (FEET ABOVE MSL) 6075.00 6080.00 6085.00 6090.00 6095.00 6100.00 6105.00 6110.00

500 YR

100 YR

50 YR

10 YR

SECTION GROUNDLINE AND WATER SURFACE
500 YEAR PEAK
SECTION 4790

GROUND PROFILE (GR)

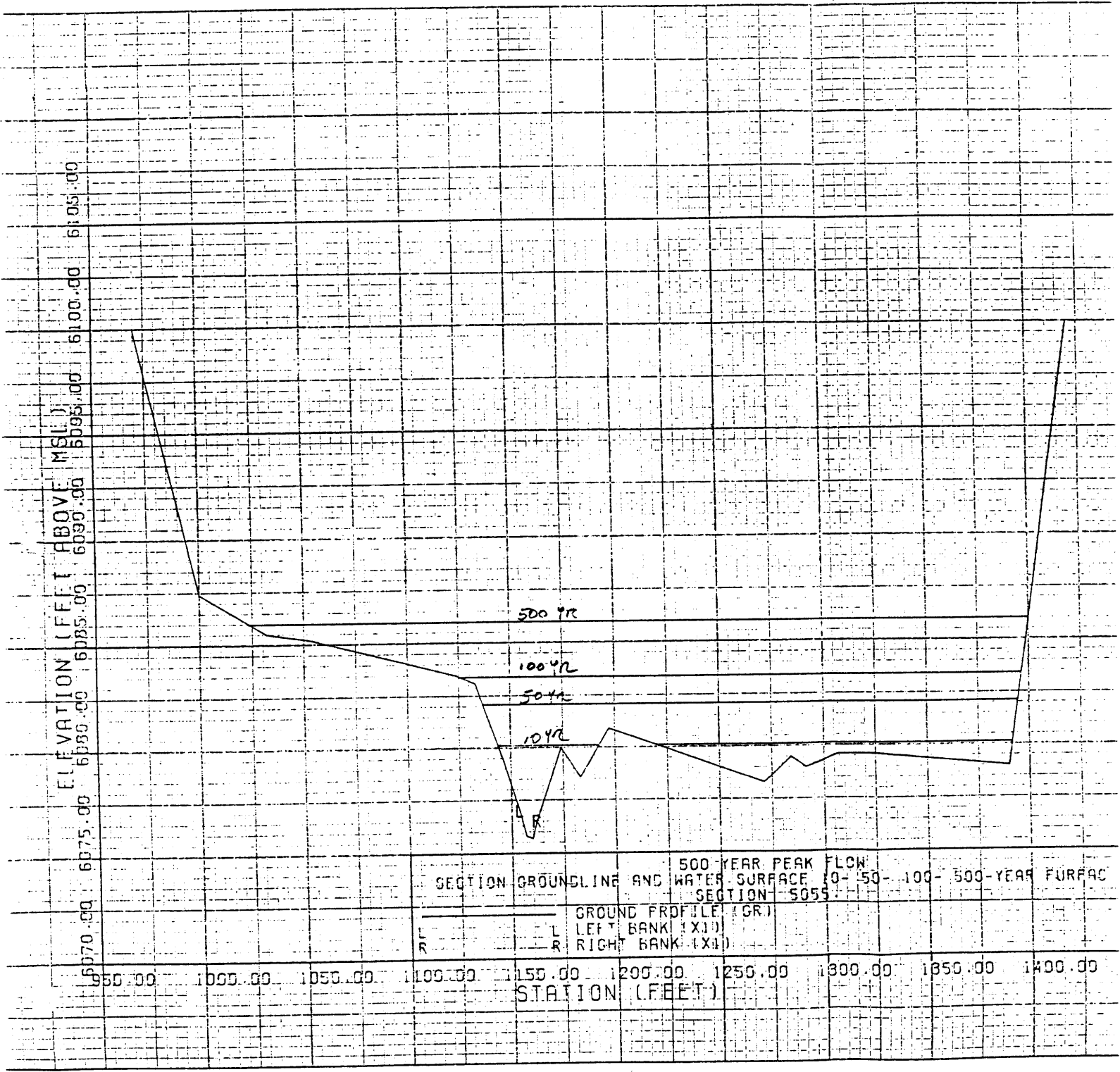
L
R

L LEFT BANK (X1)

R RIGHT BANK (X1)

STATION (FEET) *10¹

90.00 100.00 110.00 120.00 130.00 140.00 150.00



ELEVATION (FEET ABOVE MSL)

500 YR

100 YR
50 YR
10 YR

500 YEAR PEAK FLOW
SECTION GROUNDLINE AND WATER SURFACE 10-50-10
SECTION 5258

GROUND PROFILE (GR)
L: LEFT BANK (X1)
R: RIGHT BANK (X1)

STATION (FEET)

ELEVATION (FEET ABOVE MSL)
6095.00
6090.00
6085.00
6080.00
6075.00
6070.00
6065.00
6060.00

500 yr

100 yr

50 yr

10 yr

SECTION GROUNDLINE AND WATER SURFACE
500 YEAR PEAK
SECTION 5537

GROUND PROFILE (GR)

L LEFT BANK (X1)

R RIGHT BANK (X1)

STATION (FEET)

1000.00 1050.00 1100.00 1150.00 1200.00 1250.00 1300.00

ELEVATION (FEET ABOVE MSL)

6055.00 6060.00 6065.00 6070.00 6075.00 6080.00 6085.00 6090.00

1000.00 1050.00 1100.00 1150.00 1200.00 1250.00 1300.00

STATION (FEET)

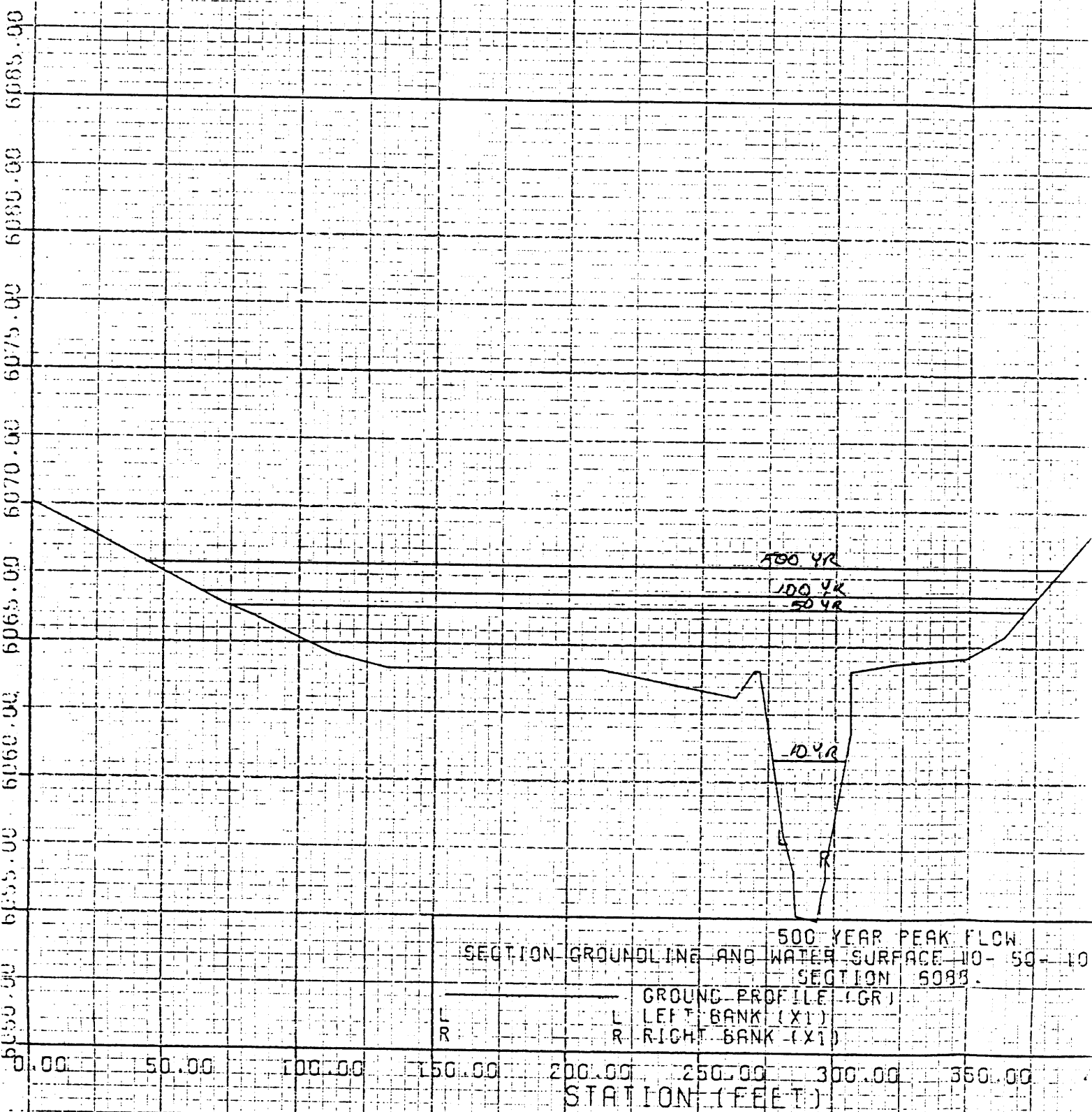
500 YR

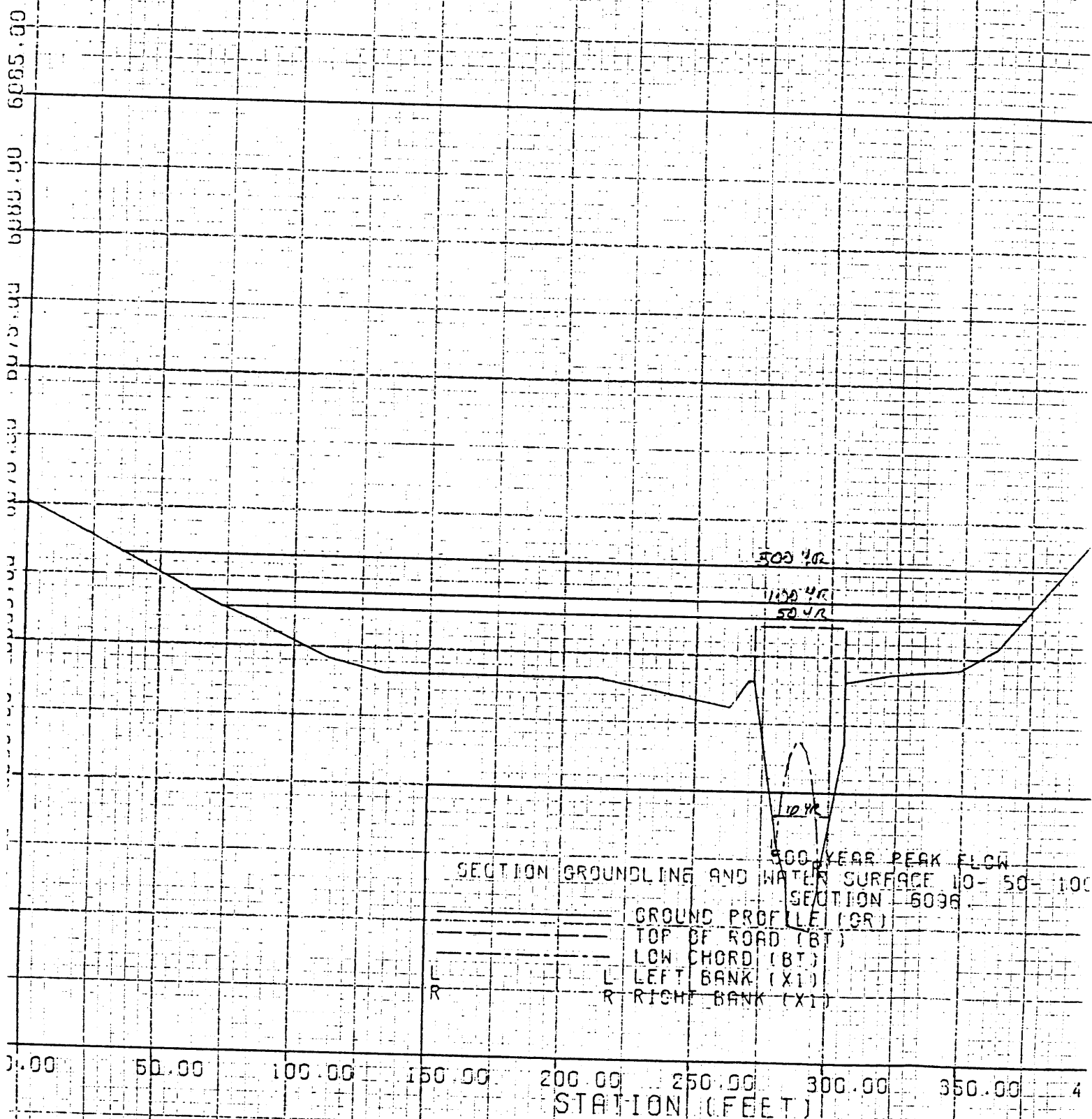
100 YR

50 YR

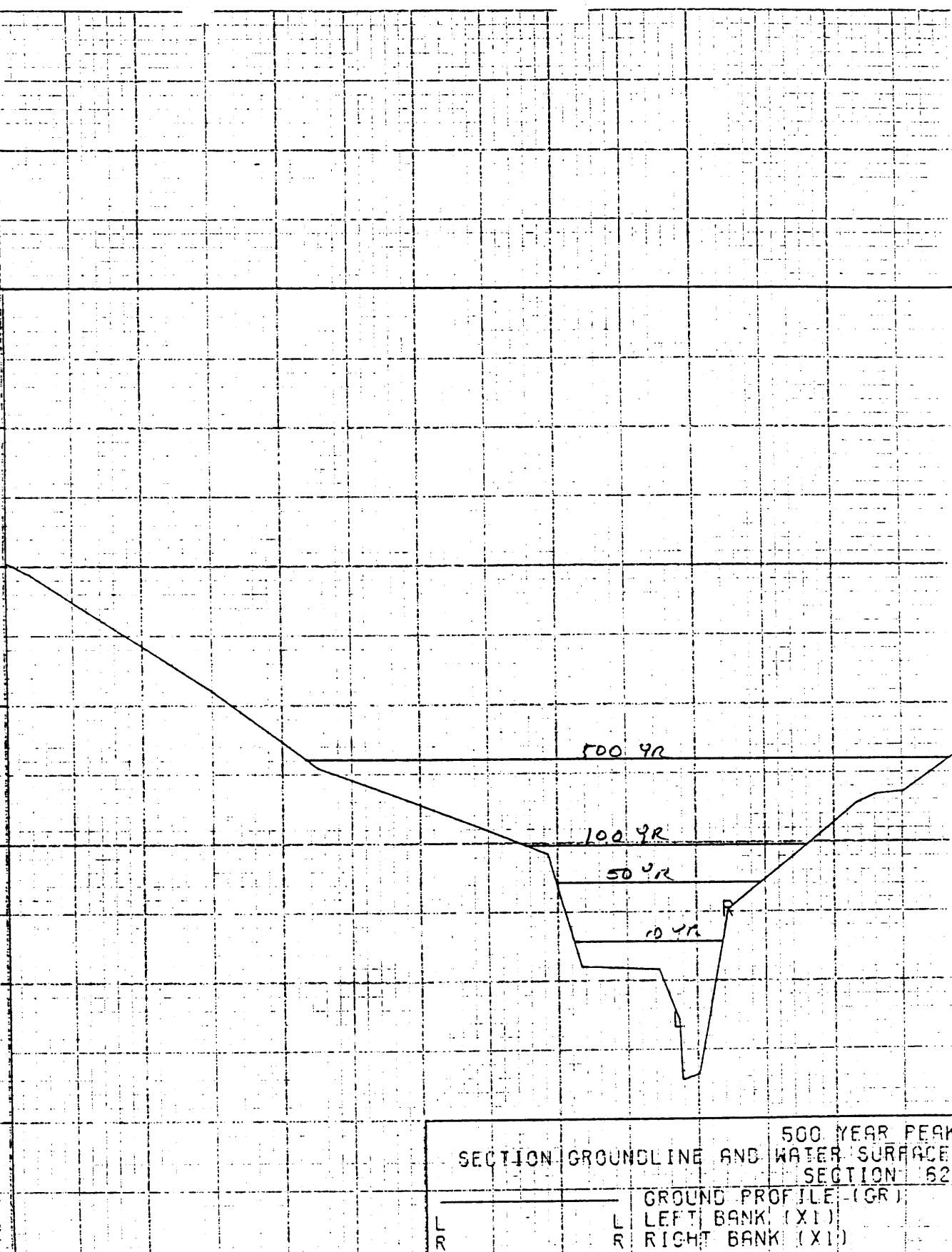
10 YR

SECTION GROUNDLINE AND WATER SURFACE -
SECTION 5745
L GROUND PROFILE (GR)
L LEFT BANK (X1)
R RIGHT BANK (X1)





ELEVATION (FEET ABOVE MSL) 6045.00 6050.00 6055.00 6060.00 6065.00 6070.00 6075.00 6080.00



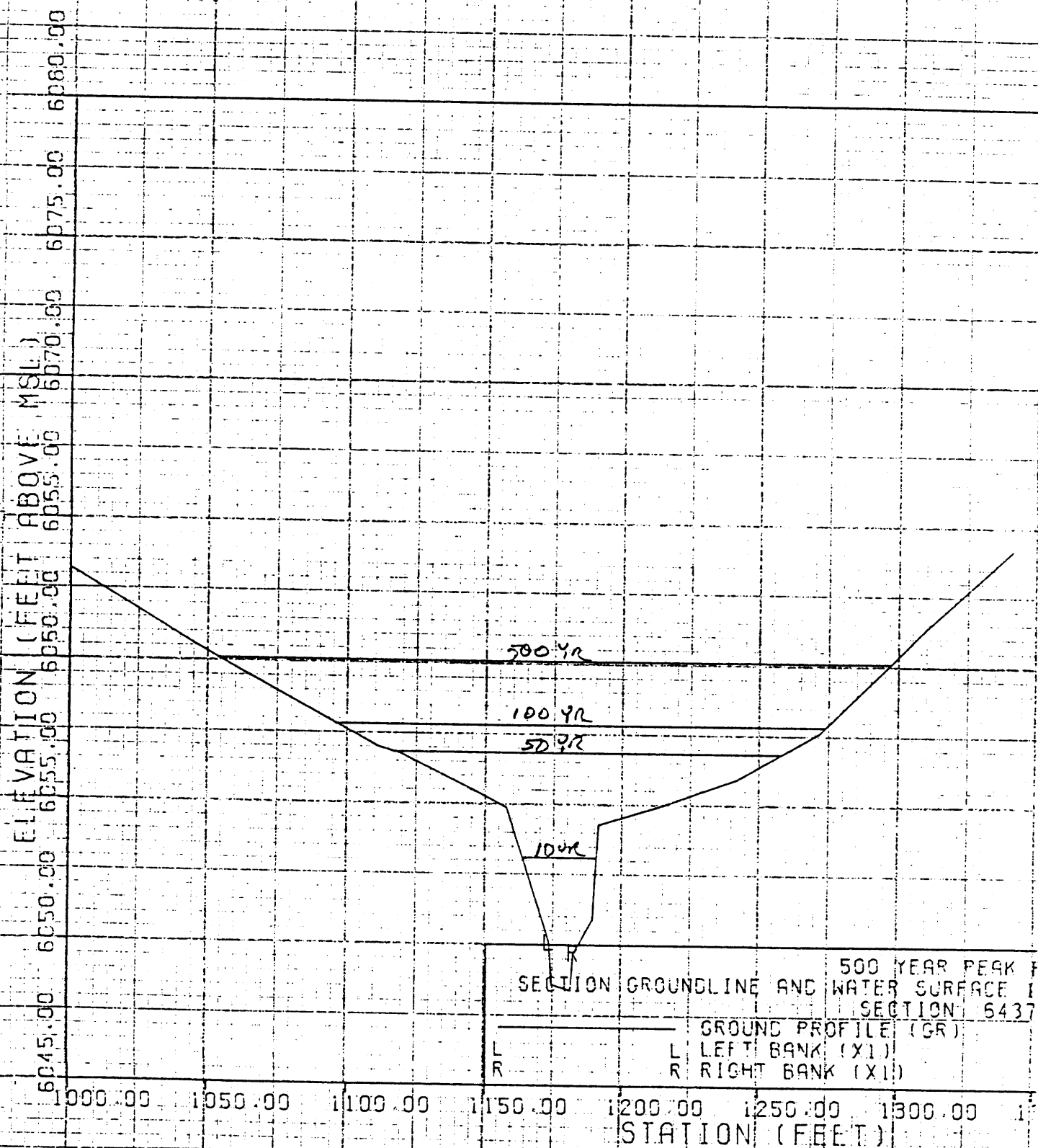
500 YEAR PEAK
SECTION GROUNDLINE AND WATER SURFACE
SECTION 629

GROUND PROFILE (GR)

L LEFT BANK (X1)

R RIGHT BANK (X1)

STATION (FEET) 1000.00 1050.00 1100.00 1150.00 1200.00 1250.00 1300.00



ELEVATION (FEET ABOVE MSL)

6040.00 6045.00 6050.00 6055.00 6060.00 6065.00 6070.00 6075.00

500 YR

100 YR

50 YR

10 YR

L

R

SECTION GROUNDLINE AND 500 YEAR PEAK WATER SURFACE
SECTION 6765

GROUND PROFILE (GR)

L LEFT BANK (X1)

R RIGHT BANK (X1)

L

R

STATION (FEET)

1000.00 1050.00 1100.00 1150.00 1200.00 1250.00 1300.00

ELEVATION (FEET ABOVE MSL)

6035.00 6040.00 6045.00 6050.00 6055.00 6060.00 6065.00 6070.00

500 YR

100 YR

50 YR

10 YR

L

R

SECTION GROUNDLINE AND WATER SURFACE
500 YEAR PEAK
SECTION 6885

GROUND PROFILE (GR)

L LEFT BANK (X1)

R RIGHT BANK (X1)

STATION (FEET)

1000.00 1050.00 1100.00 1150.00 1200.00 1250.00 1300.00

