SEDIMENT BASIN 141A

UPSTREAM TOE ELEV.: 639.00'

SEDIMENT REMOVAL ELEV.: 643.93'

PRIMARY SPILLWAY ELEV.: 647.00'

EMERGENCY SPILLWAY ELEV.: 651.60'

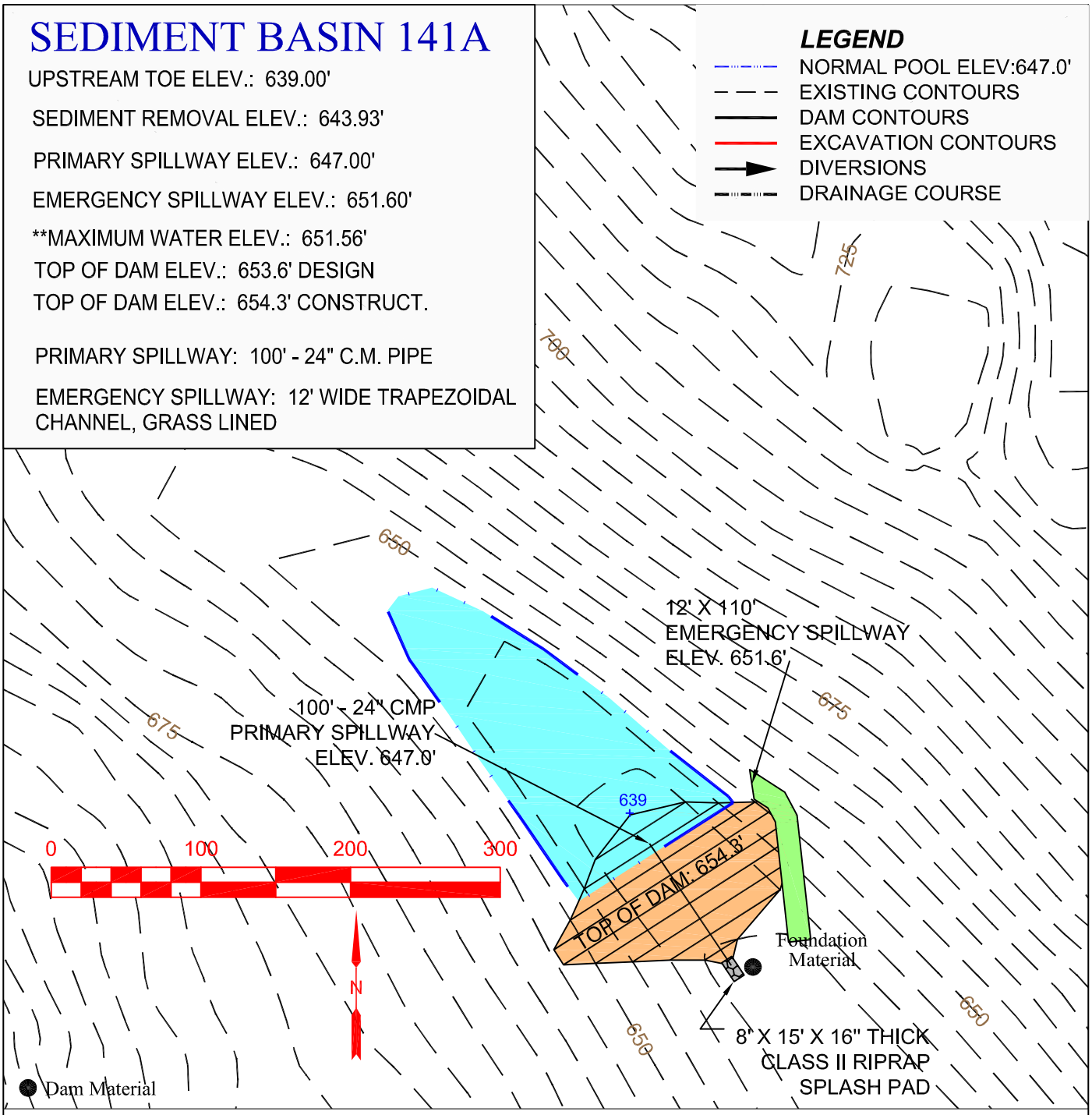
**MAXIMUM WATER ELEV.: 651.56'

TOP OF DAM ELEV.: 653.6' DESIGN

TOP OF DAM ELEV.: 654.3' CONSTRUCT.

PRIMARY SPILLWAY: 100' - 24" C.M. PIPE

EMERGENCY SPILLWAY: 12' WIDE TRAPEZOIDAL CHANNEL, GRASS LINED



5' CONTOURS

MAJOR INLFOW / DIVERSION

NORMAL POOL AREA

ENERGY DISSIPATER (CLASS II SANDSTONE RIPRAP)

** 25 YEAR - 6 HOUR PRECIPITATION EVENT.

Birmingham Coal & Coke, Inc
Gooden Creek #2 Mine, P-3979
Basin 141A Plan View Drawing

SCALE:	SHEET:	CARBON HILL, GLENN ALLEN, GOLD MINE & LYNN USGS QUADRANGLES
1" = 100'	1 OF 1	