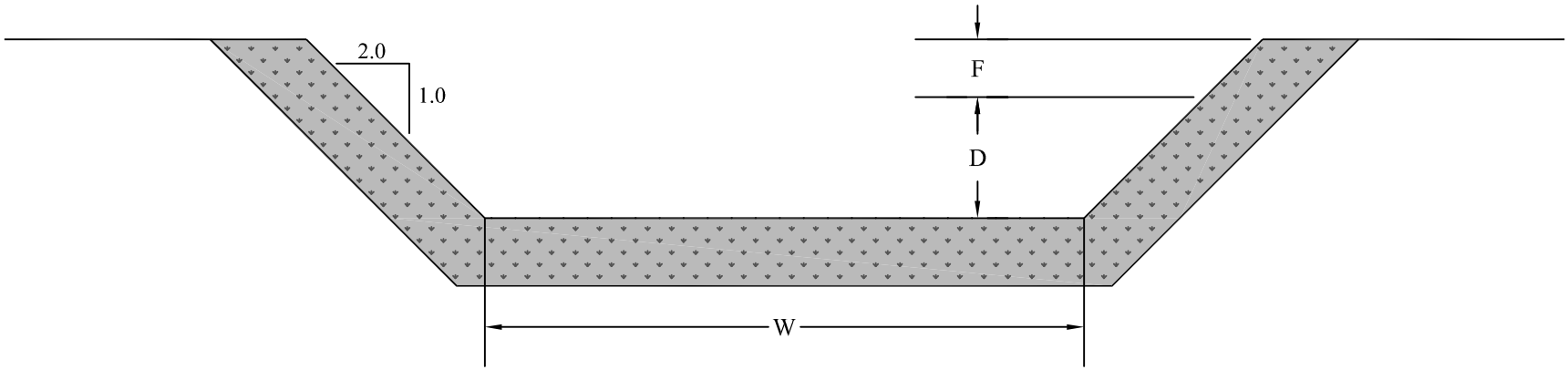
COMPANY: Birmingham Coal & Coke Co., Inc.

MINE NAME: GOODEN CREEK #2 Mine

PERMIT #: P-3979

CHANNEL DESCRIPTION: BASIN 037 CONTROL SECTION

VEGETATED CHANNEL CROSS-SECTION



DISCHARGE: 5.00 CFS
CHANNEL BED SLOPE: 2.0%

CHANNEL WIDTH (W):	12 FT.
FLOW DEPTH (D):	0.67 FT.
FREEBOARD (F):	1.0 FT.
TOTAL CHANNEL DEPTH (D + F):	1.67 FT.

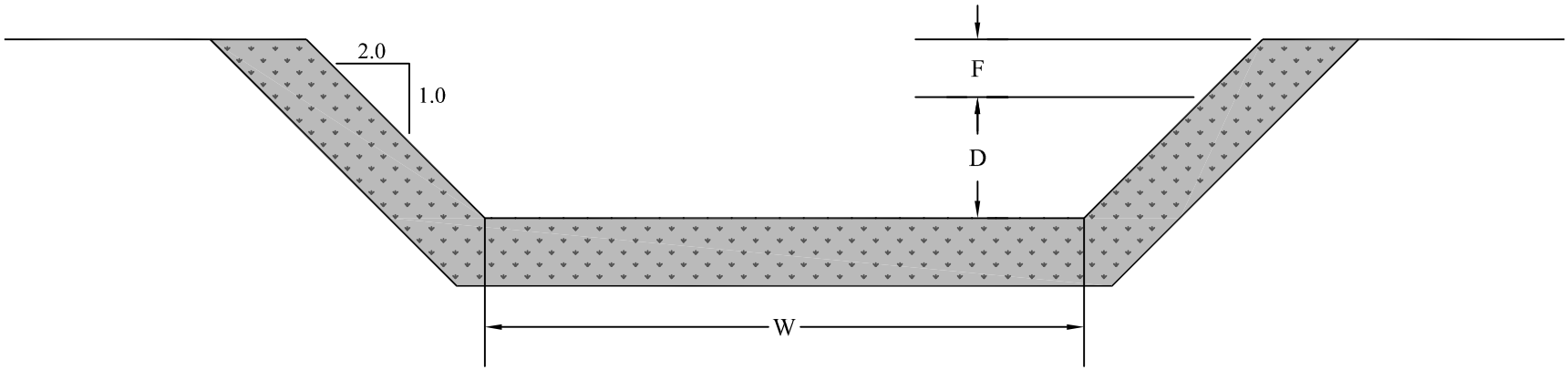
COMPANY: Birmingham Coal & Coke Co., Inc.

MINE NAME: GOODEN CREEK #2 Mine

PERMIT #: P-3979

CHANNEL DESCRIPTION: BASIN 037 TAIL DITCH SECTION

VEGETATED CHANNEL CROSS-SECTION



DISCHARGE: 5.00 CFS
CHANNEL BED SLOPE: 5%

CHANNEL WIDTH (W):	12 FT.
FLOW DEPTH (D):	0.51 FT.
FREEBOARD (F):	1.0 FT.
TOTAL CHANNEL DEPTH (D + F):	1.51 FT.