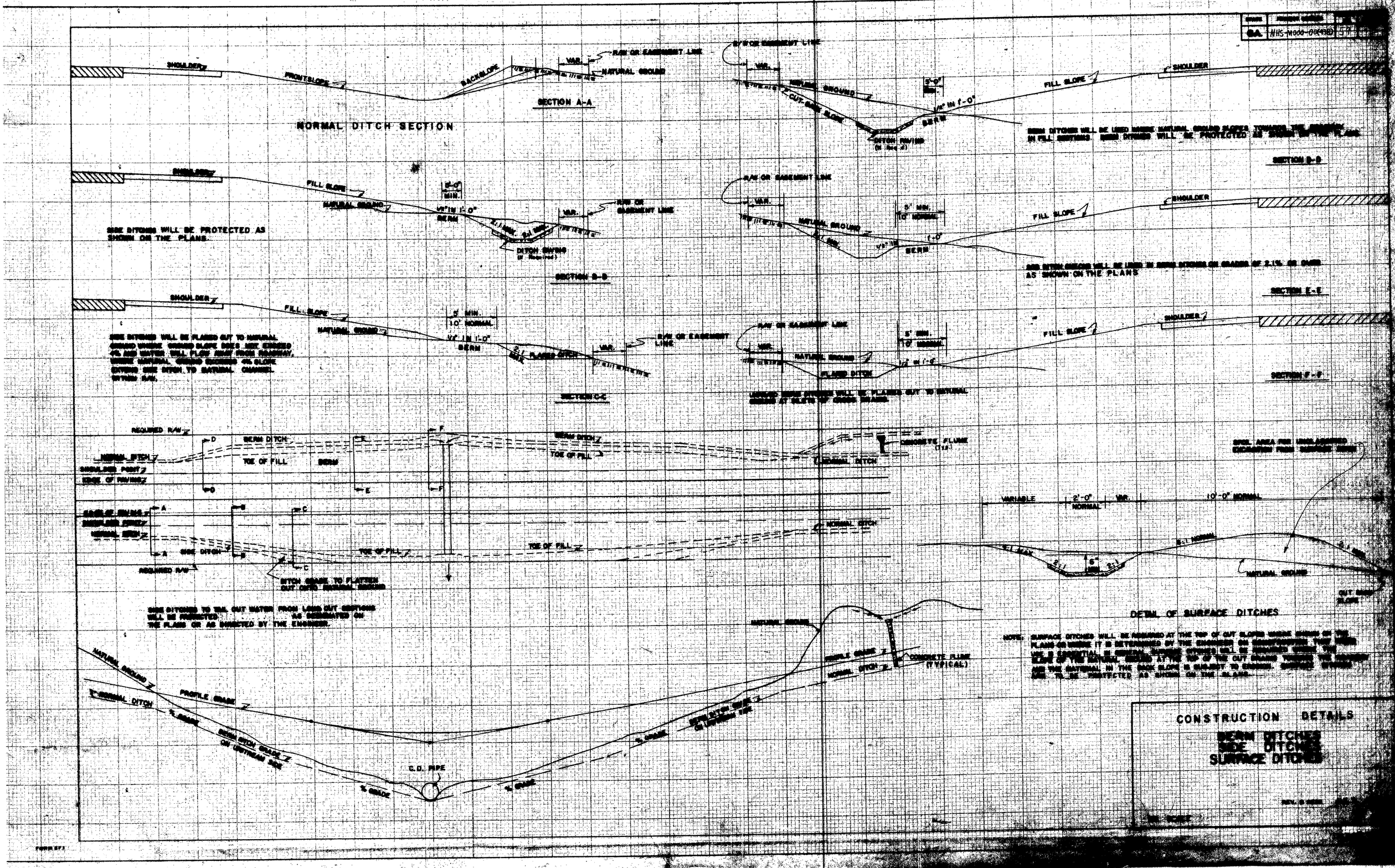

NORMAL DITCH SECTION
SECTION A-A
SECTION B-B
SECTION C-C
SECTION D-D
SECTION E-E
SECTION F-F
SHOULDER
FRONTSLOPE
BACKSLOPE
FILL SLOPE
NATURAL GROUND
R/W OR EASEMENT LINE
VAR.
BERM
DITCH RAVING
CUT-BACK SLOPE
SIDE DITCHES WILL BE PROTECTED AS SHOWN ON THE PLANS.
SIDE DITCHES WILL BE FLARED OUT TO NATURAL GROUND WHERE GROUND SLOPE DOES NOT EXCEED 4% AND WATER WILL FLOW AWAY FROM ROADWAY, WHERE NATURAL GROUND EXCEEDS 4% SLOPE EXTEND SIDE DITCH TO NATURAL CHANNEL WITHIN R/W.
FLARED DITCH
REQUIRED R/W
BERM DITCH
NORMAL DITCH
SHOULDER POINT
EDGE OF PAVING
TOE OF FILL
CONCRETE FLUME
SIDE DITCH
DITCH GRADE TO FLATTEN OUT ONTO NATURAL GROUND
SIDE DITCHES TO TAIL OUT WATER FROM LONG CUT SECTIONS WILL BE PROTECTED AS DESIGNATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
VARIABLE
2'-0" NORMAL
10'-0" NORMAL
DETAIL OF SURFACE DITCHES
PROFILE GRADE
% GRADE
BERM DITCH GRADE ON UPSTREAM SIDE
C.D. PIPE
CONCRETE FLUME (TYPICAL)
CONSTRUCTION DETAILS
BERM DITCHES
SIDE DITCHES
SURFACE DITCHES