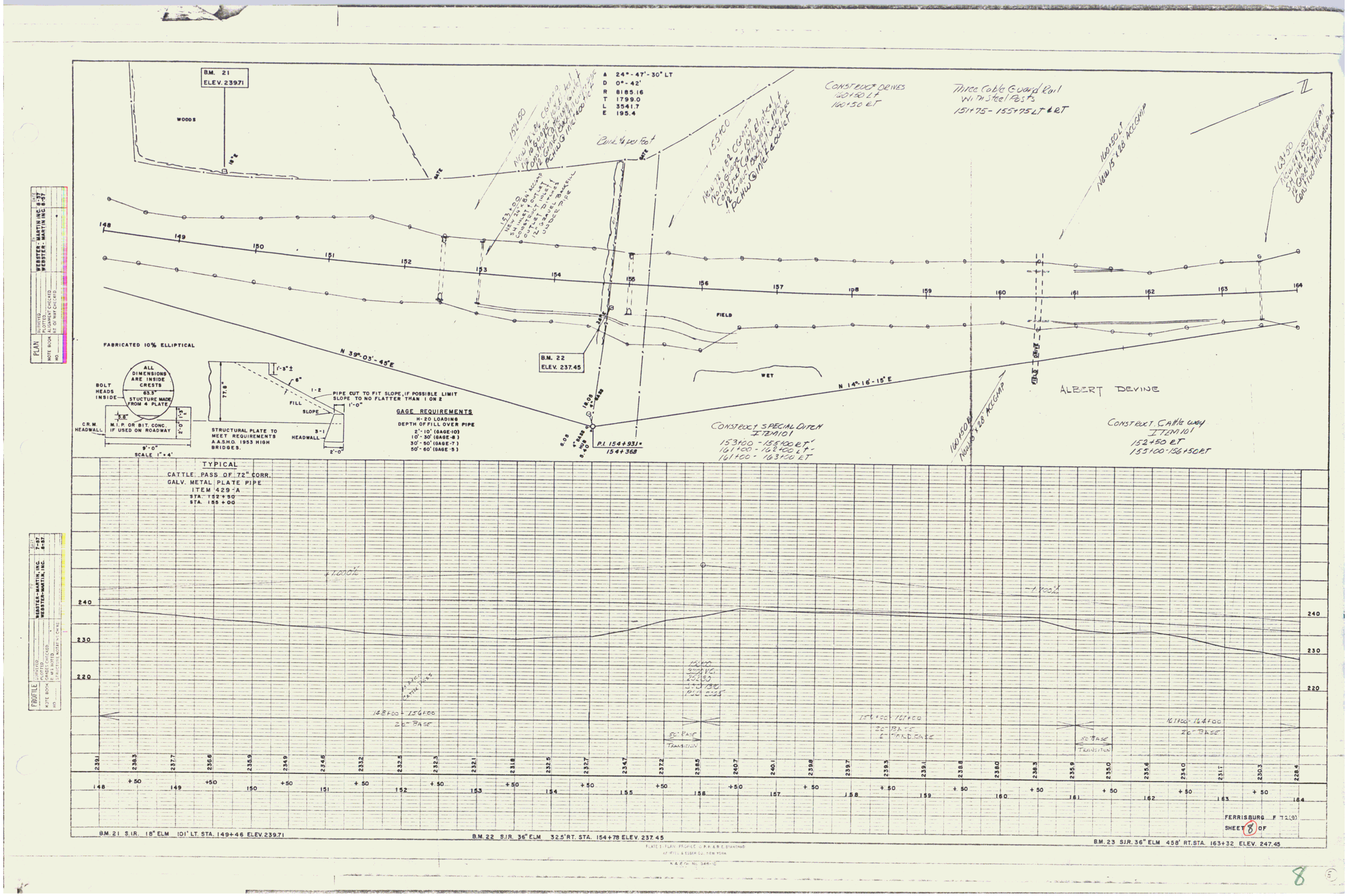
B.M. 21
ELEV. 239.71
WOODS
A 24°-47'-30" LT
D 0°-42'
R 8185.16
T 1799.0
L 3541.7
E 195.4
Construct Drives
160+50 LT
160+50 RT
Three Cable Guard Rail
With Steel Posts
151+75 - 155+75 LT & RT
FIELD
WET
FABRICATED 10% ELLIPTICAL
N 39°-03'-45" E
N 14°-16'-15" E
B.M. 22
ELEV. 237.45
P.I. 154+93.1
ALBERT DEVINE
ALL DIMENSIONS ARE INSIDE CRESTS
BOLT HEADS INSIDE
STUCTURE MADE FROM 4 PLATE
C.R.M. HEADWALL
M.I.P. OR BIT. CONC. IF USED ON ROADWAY
SCALE 1" = 4'
PIPE CUT TO FIT SLOPE, IF POSSIBLE LIMIT SLOPE TO NO FLATTER THAN 1 ON 2
STRUCTURAL PLATE TO MEET REQUIREMENTS A.A.S.H.O. 1953 HIGH BRIDGES.
HEADWALL
GAGE REQUIREMENTS
H-20 LOADING
DEPTH OF FILL OVER PIPE
2'-10' (GAGE-10)
10'-30' (GAGE-8)
30'-50' (GAGE-7)
50'-60' (GAGE-5)
Construct Special Ditch
Item 101
153+00 - 155+00 RT
161+00 - 162+00 LT
161+00 - 163+00 LT
Construct Cattle way
Item 101
152+50 RT
155+00 - 156+50 RT
TYPICAL
CATTLE PASS OF 72" CORR. GALV. METAL PLATE PIPE
ITEM 429-A
STA. 152+50
STA. 155+00
PLAN
PROFILE
WEBSTER-MARTIN, INC.
+1.000%
-1.000%
148+00 - 156+00
20" Base
50' Base Transition
156+00 - 161+00
20" Base
161+00 - 164+00
20" Base
FERRISBURG F 72 (8)
SHEET 8 OF
B.M. 21 S.I.R. 18" ELM 101' LT. STA. 149+46 ELEV. 239.71
B.M. 22 S.I.R. 36" ELM 32.5' RT. STA. 154+78 ELEV. 237.45
B.M. 23 S.I.R. 36" ELM 458' RT. STA. 163+32 ELEV. 247.45
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