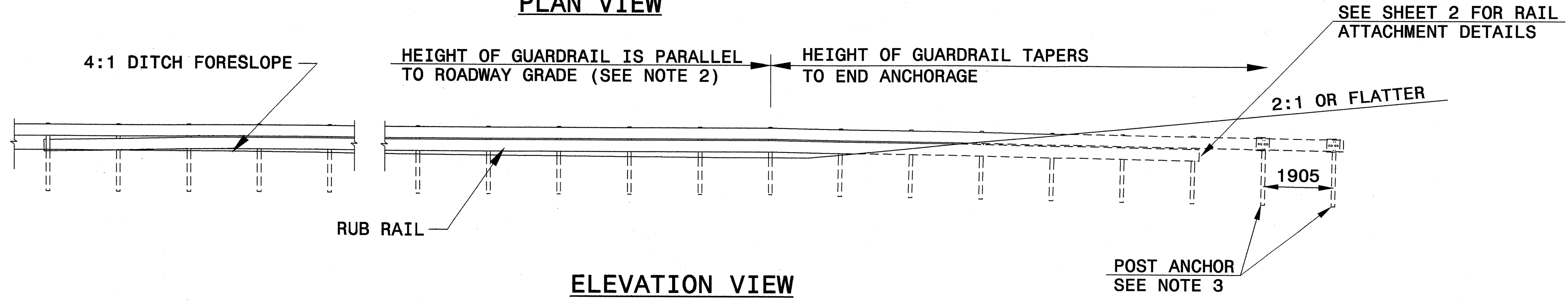
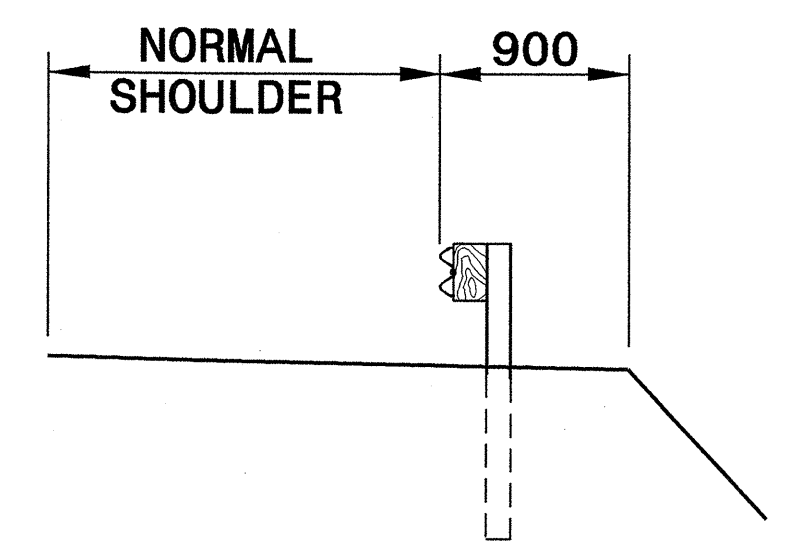


PLAN VIEW

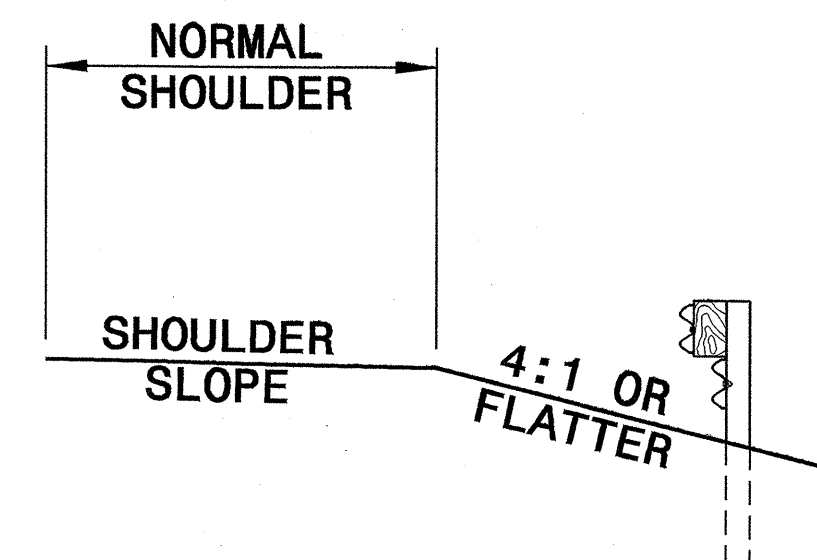
DESIGN SPEED km/h	A:B
> 100	13:1
90	12:1
80	11:1
70	10:1
60	9:1
50 or less	7:1



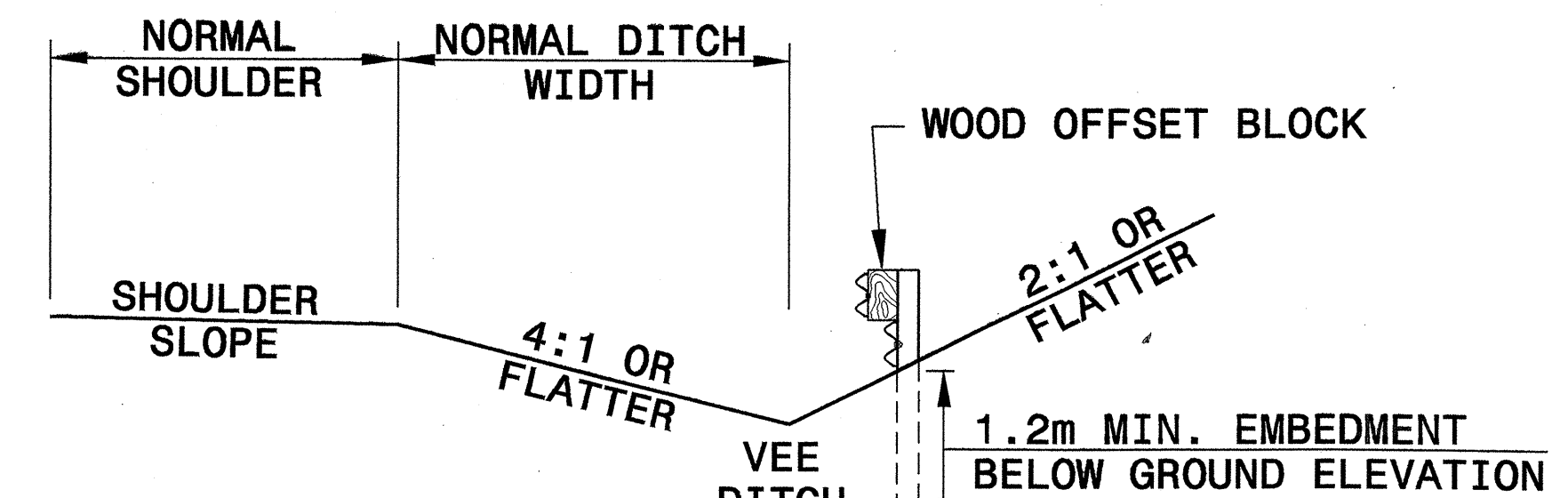
ELEVATION VIEW



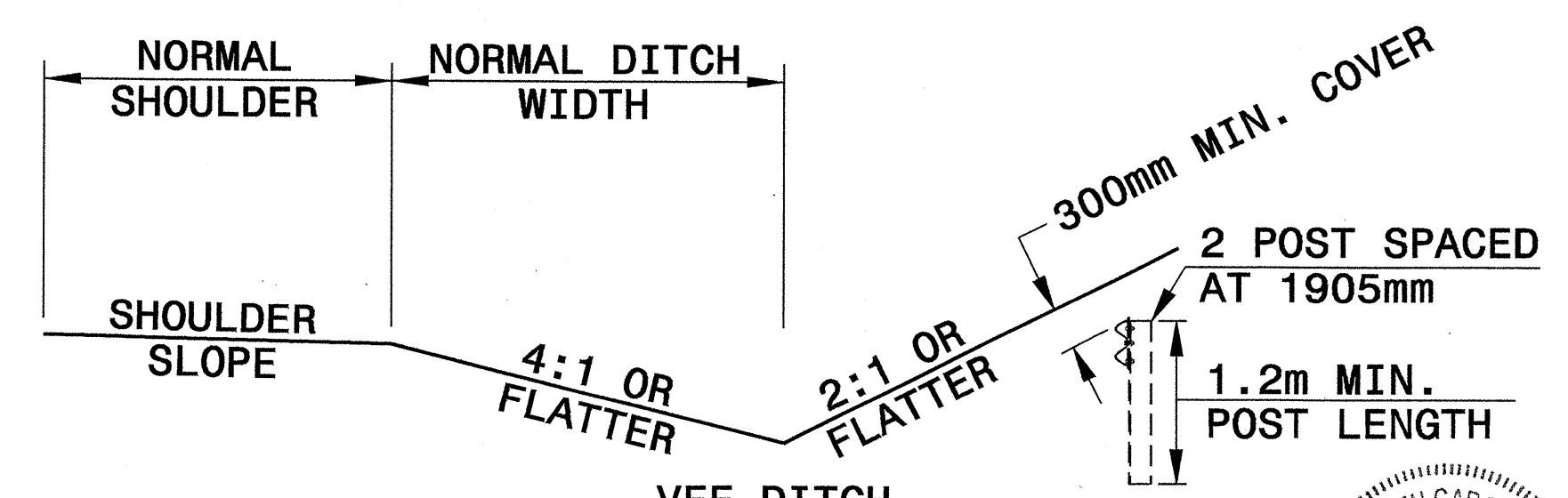
SECTION A-A



SECTION B-B
(WITH RUBRAIL)



SECTION C-C
(WITH RUBRAIL)



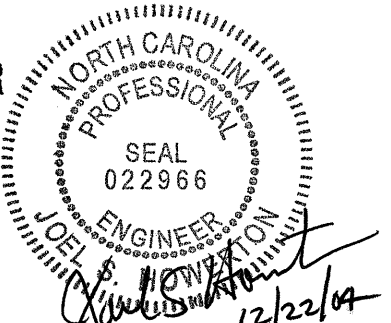
SECTION D-D

- NOTES:
- VARIABLE DITCH OFFSETS MAY BE USED TO FIT FIELD CONDITINS.
 - HEIGHT OF GUARDRAIL MAY BE TAPERED DOWN IN ELEVATION TO MAINTAIN 1125mm MAXIMUM HEIGHT.
 - ALL POSTS ARE 2.4m IN LENGTH FROM WHERE THE GUARDRAIL FLARES AWAY FROM THE SHOULDER BACK TO THE DITCH FLOW LINE. GUARDRAIL POSTS BEYOND THE DITCH FLOW LINE MAY BE SHORTENED AS LONG AS A MINIMUM OF 1.2m EMBEDMENT REMAINS BELOW THE EXISTING GROUND LINE. POST FOR POST ANCHOR MAY BE REDUCED TO 1.2m, ALL OF WHICH WILL BE BELOW GROUND.
 - REFER TO NCDOT STANDARD DRAWINGS 862.02 FOR GUARDRAIL INSTALLATION NOT COVERED IN THIS DETAIL.
 - INSTALL GUARDRAIL IN ACCORDANCE NCDOT STANDARD SPECIFICATION 862
 - PAYMENT FOR ANY RUBRAIL INSTALLATION BEYOND BIC GUARDRAIL ANCHOR UNIT PAY LIMITS WILL BE INCIDENTAL TO PAYMENT FOR BIC ANCHOR UNIT.

DESIGN SERVICES UNIT
STANDARDS AND SPECIAL DESIGN
Office 919-250-4128 FAX 919-250-4119

**DETAIL OF GUARDRAIL
BURIED IN CUT (BIC)**

ORIGINAL BY: FHWA-G4 SYSTEM DATE: 8-13-98
 MODIFIED BY: E.E. WARD DATE: 12-11-01
 CHECKED BY: [Signature] DATE: 12-01
 FILE SPEC.: ericward/misc/guardrail/BIC.dgn



18-DEC-2001 08:43
 M:\Special Details\ericward\Misc\guardrail\BIC\BIC.dgn
 ericward AT DS188660