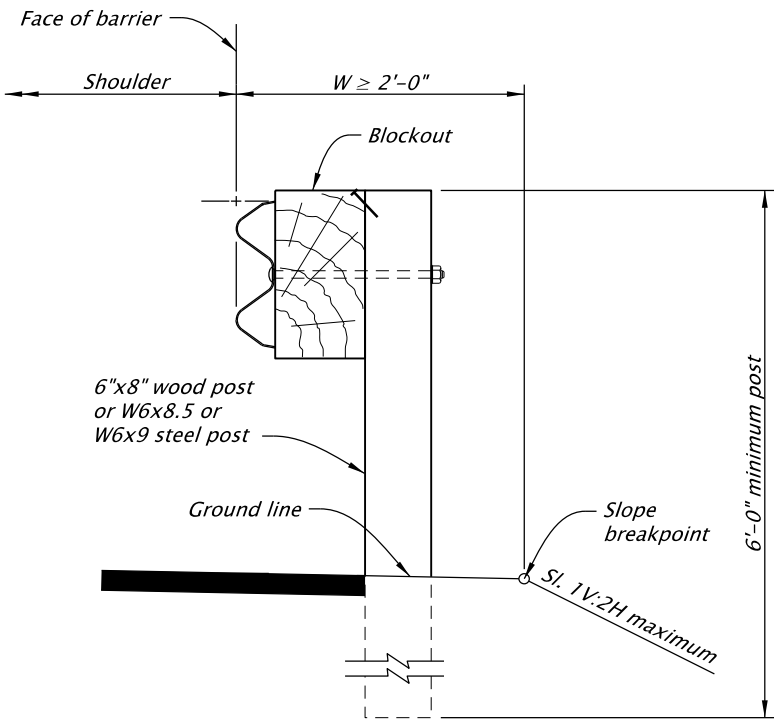
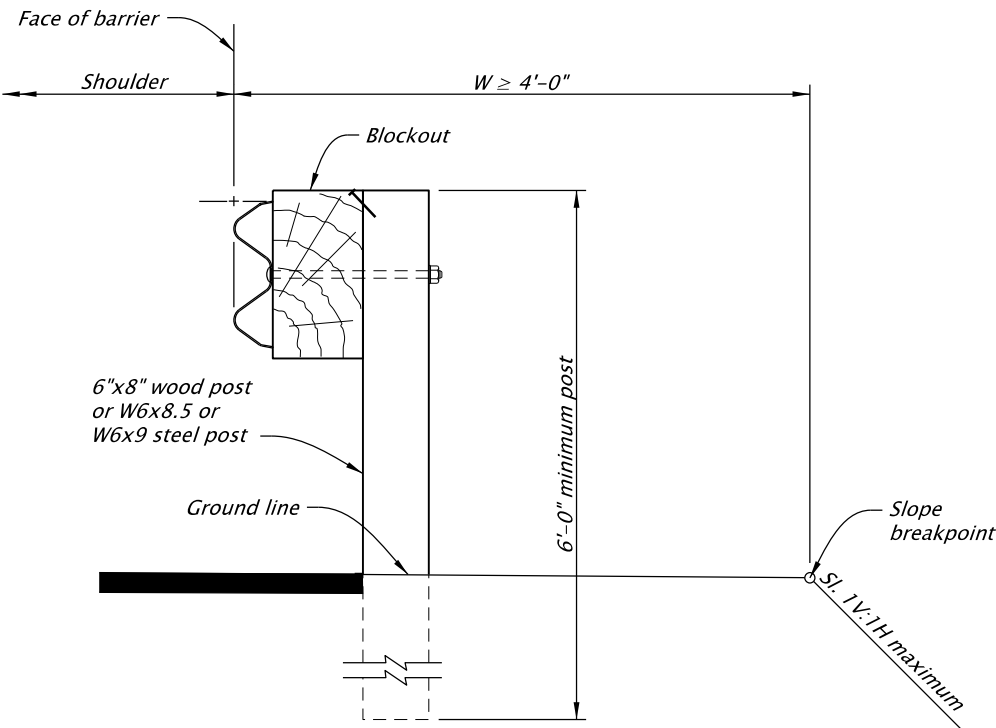
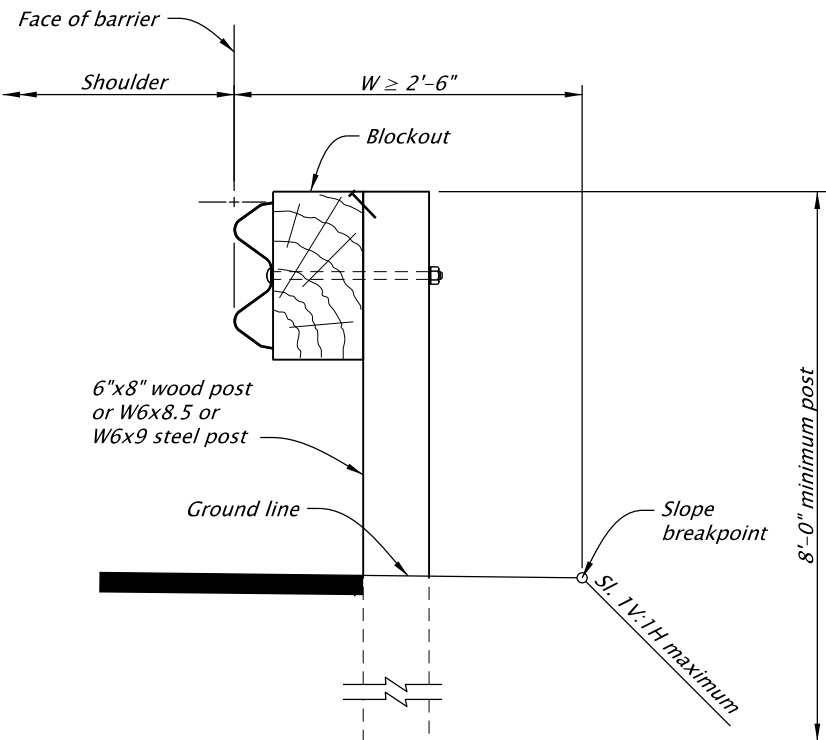




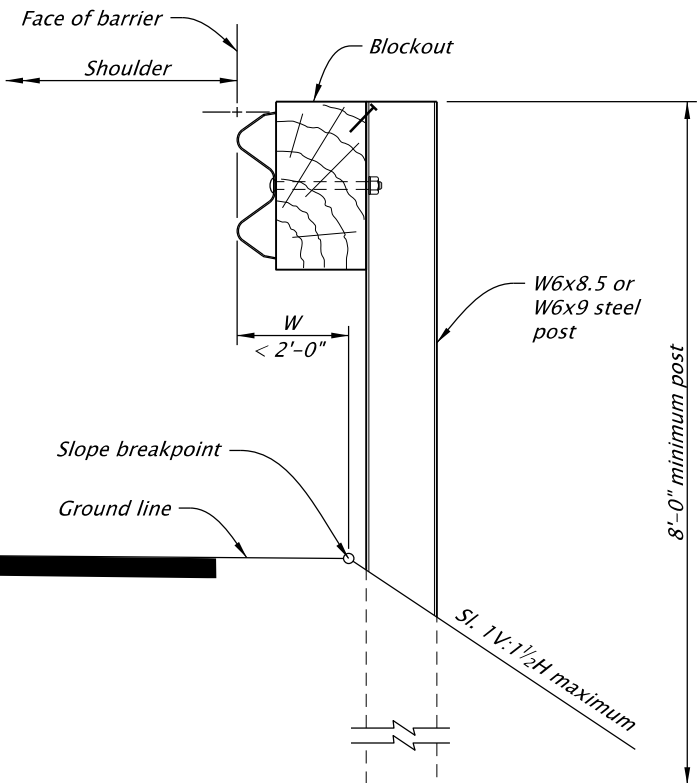
CASE 1
(Wood post shown)



CASE 2
(Wood post shown)
Use when there is a 4'-0" or greater shoulder widening
from face of guardrail to the slope breakpoint



CASE 3
(Wood post shown)
Use when there is a 2'-6" or greater shoulder widening
from face of guardrail to the slope breakpoint



CASE 4
(Steel post shown)
Do not use in weak soil conditions.
Use when there is less than a 2'-0" shoulder widening
from face of guardrail to the slope breakpoint

PLACEMENT OF GUARDRAIL ON SLOPES

NOTE: Cases shown do not apply to terminals,
transition sections or anchors.

- GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:**
- See appropriate guardrail standard drawing(s) for details not shown.
 - Wood blocks shown. Blocks of an approved alternate material may be used. See ODOT's QPL.
 - All posts for guardrail run shall be of the same type: wood or steel.

SLOPE / EMBANKMENT TABLE			
POST LENGTH (ft)	POST TYPE	SLOPE (V:H)	W (ft) (Face of barrier to slope of breakpoint)
6	Wood/Steel	1:2 or flatter	2'-0" minimum
6	Wood/Steel	1:1 or flatter	4'-0" minimum
8	Wood/Steel	1:1 or flatter	2'-6" minimum
8	Steel	1:1 1/2 or flatter	Less than 2'-0"

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
PLACEMENT OF GUARDRAILS ON SLOPES			
2024			
DATE	REVISION DESCRIPTION		
07-2021	NEW DRAWING CREATED		
12-2021	REVISED DETAILS AND NOTES		
12-2022	REVISED NOTE		
CALC. BOOK NO.	N/A	SDR DATE	20-JAN-2023
			RD406