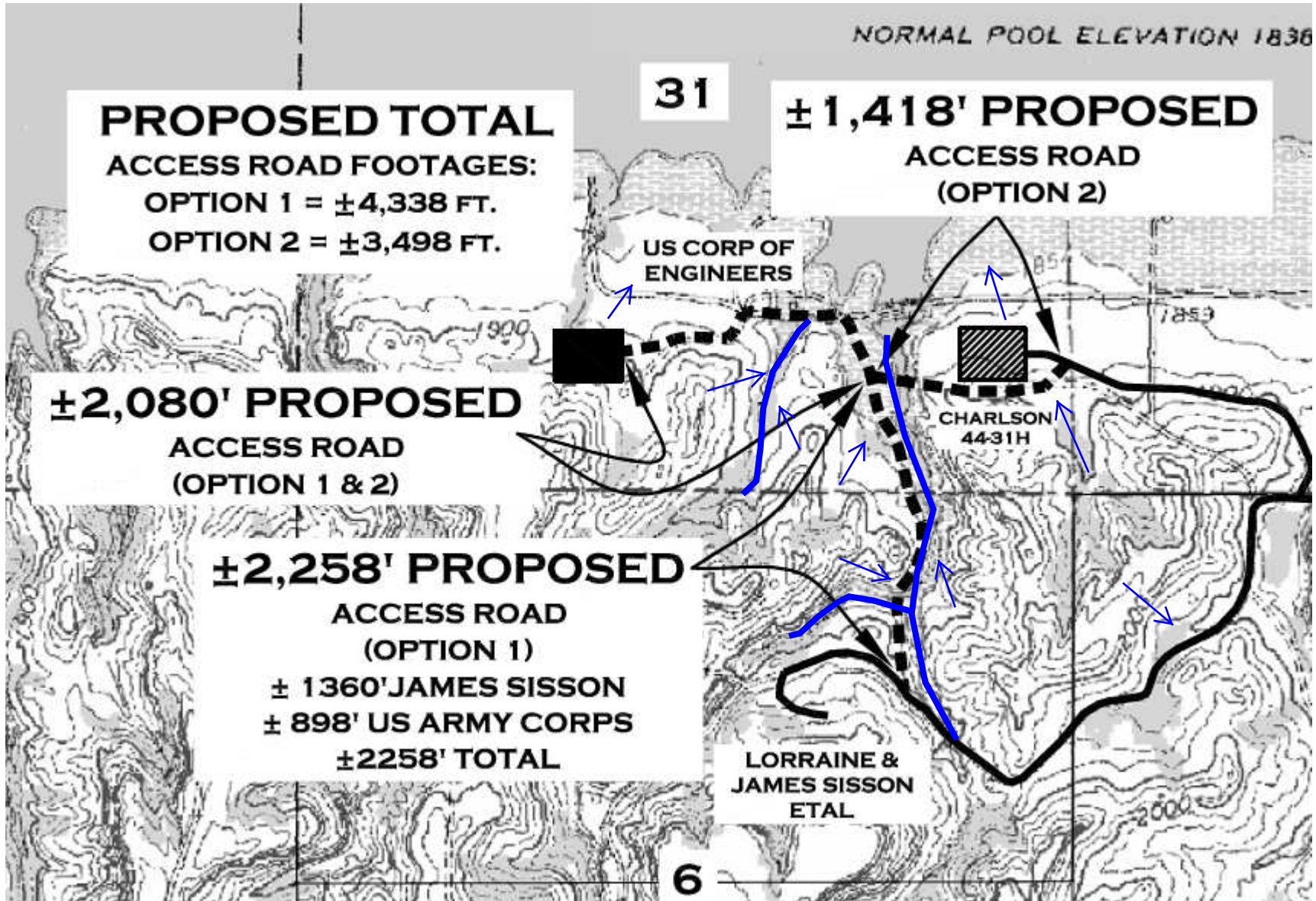


# SWPPP Drawing Exercise

Answer the questions on the following pages?

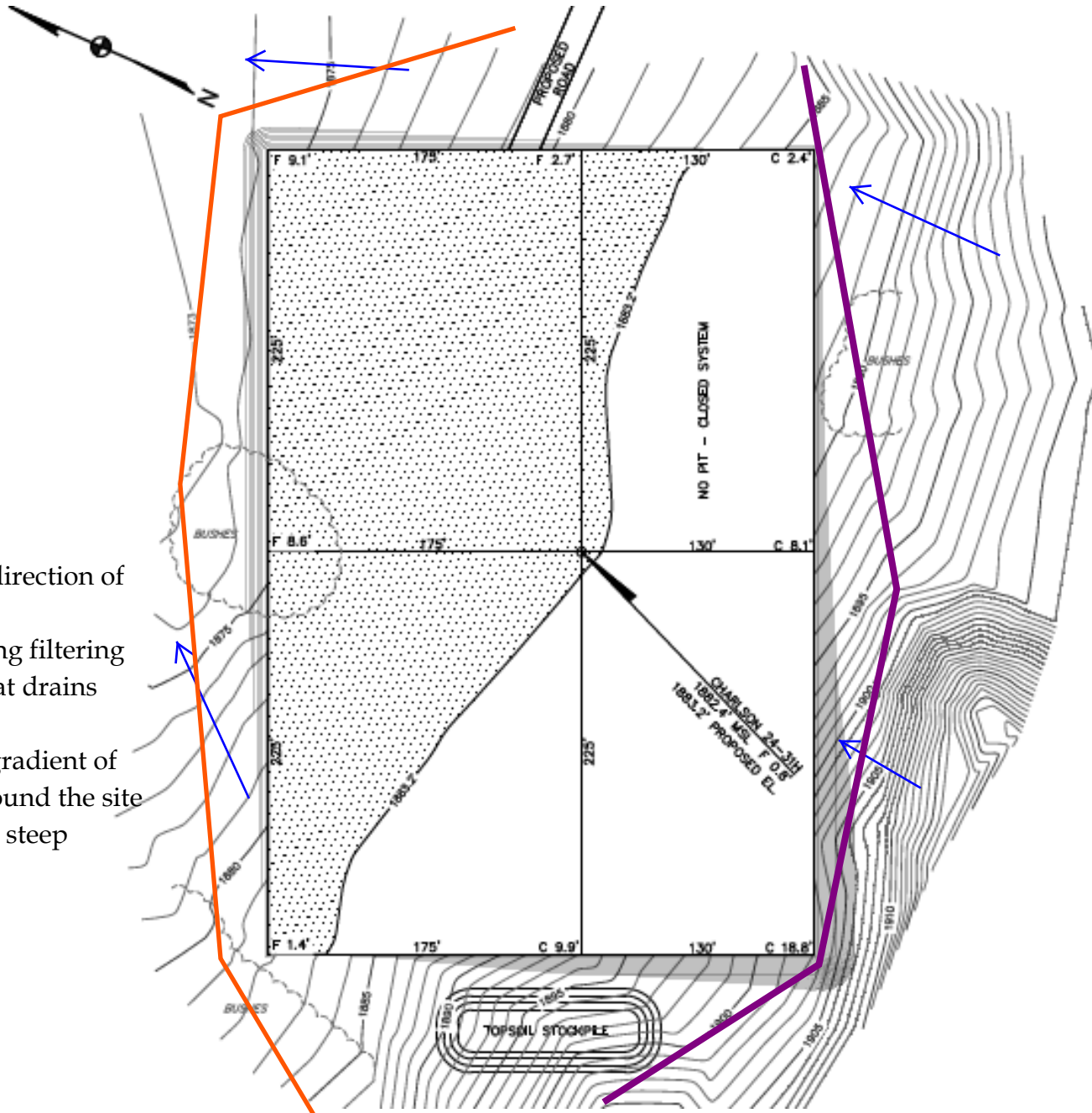
Identify the direction that water shall flow from the site and from the road?  
Identify the creeks or drainages?



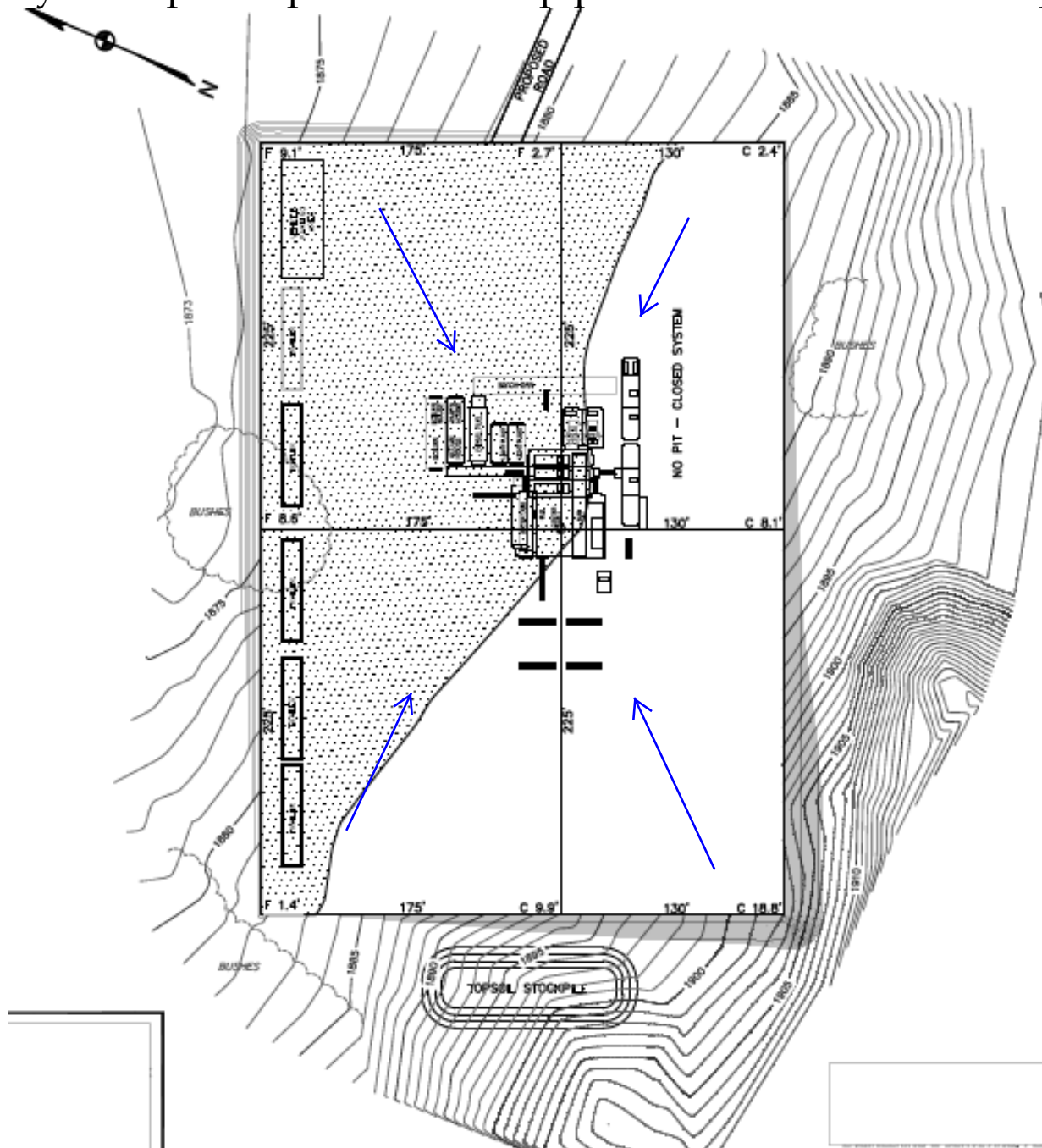
Identify the direction of water flow?

Identify the possible BMPs that could be used?

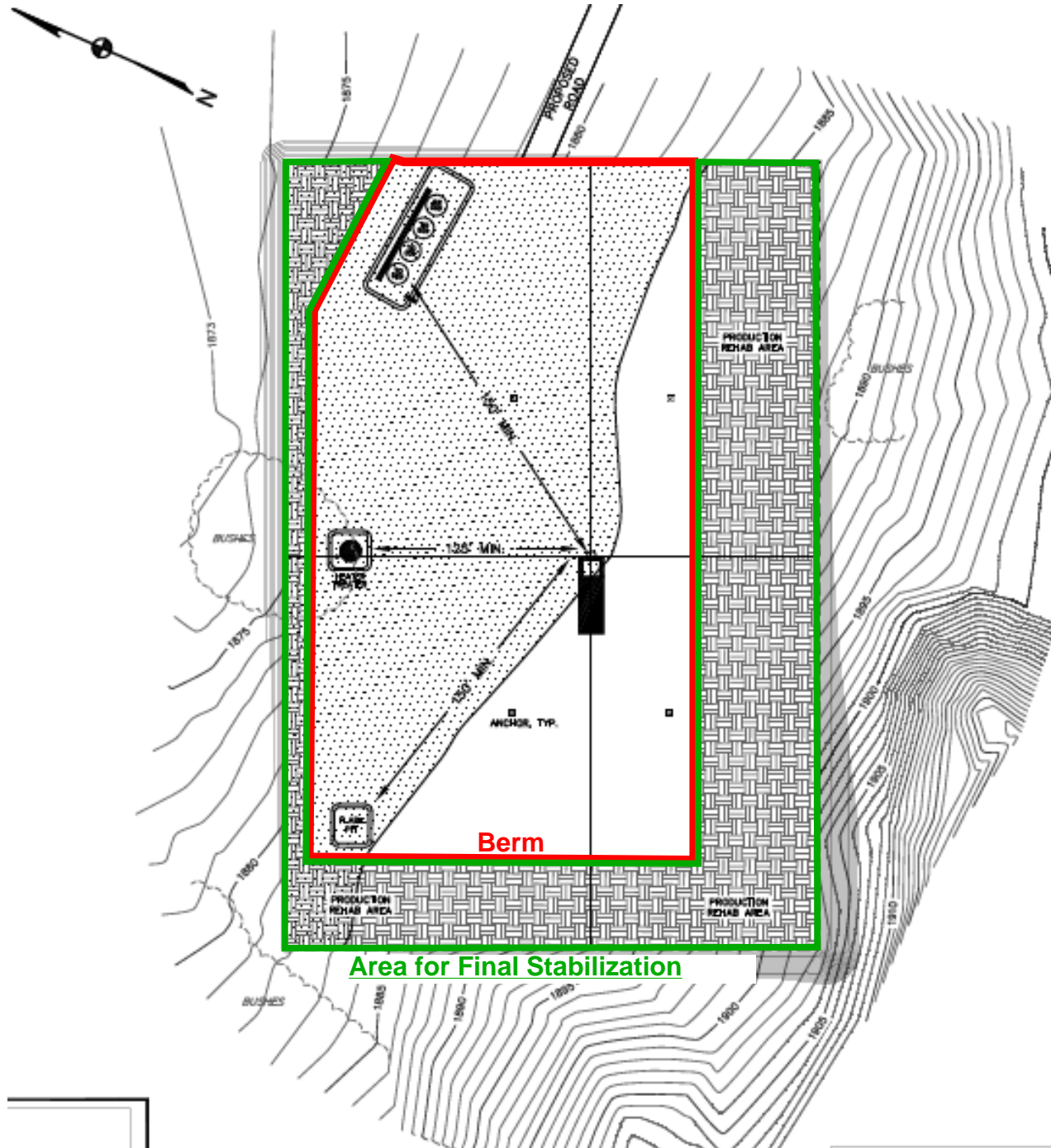
- Blue Arrows - natural direction of water flow
- Orange Line - silt fencing filtering sediment from water that drains from the site
- Purple Line - Berm upgradient of site to redirect water around the site (may only be needed on steep slopes)

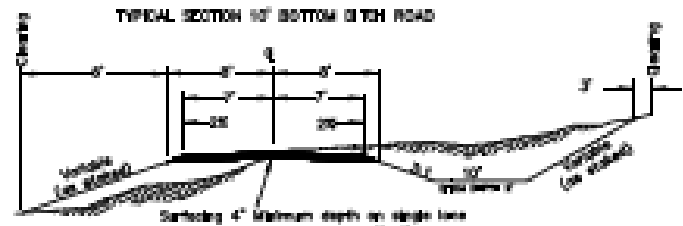


How could you slope the pad site to help prevent releases from the pad site?



Identify how the pad site could be constructed to help prevent releases from the site.  
Identify rehabbed areas to be considered for final stabilization.





**TYPICAL "B"**

No Scale

**FILL SLOPES**  
 3:1 Under 4' Height  
 2:1 Over 4' Height  
 (-) Slopes steeper than 3:1 will be subject to PE approval

**FILL WIDTHS**  
 8' TO 8' 6" High/14' W'  
 Over 8' 6" High/20' W'

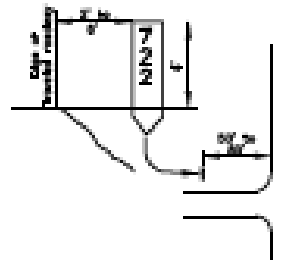
**CURB WIDTHS**  
 1:00 / 8'

**OUT SLOPES**  
 3:1 Under 10' Height  
 2:1 10' to 20' Height  
 (-) Slopes steeper than 3:1 will be subject to PE approval

**TYPICAL SECTION VERTICAL ROUTE MARKER**

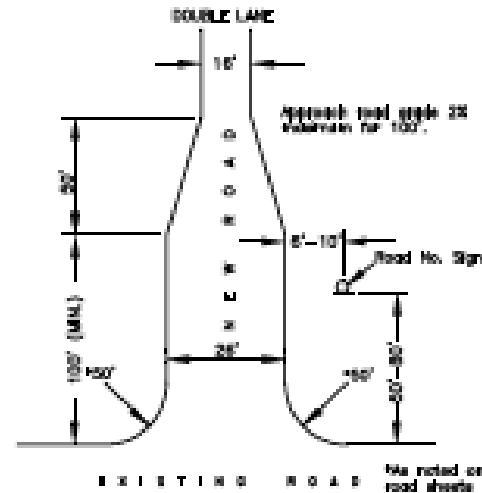
**TYPICAL "E"**

No Scale

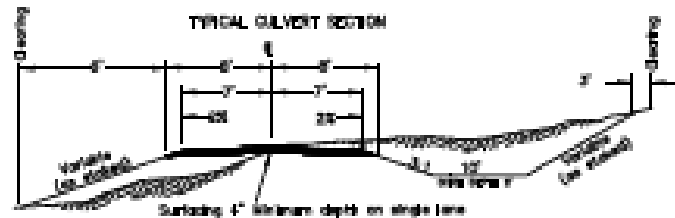


Letters shall be (17) white reflective, Series "C"  
 Figure 17-88 - Typical Signage for Vertical Route Markers

**TYPICAL DOUBLE LANE ROAD CONNECTION**



EXISTING ROAD No noted on road sheets

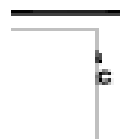


**PE slopes are**  
 3:1 or as staked

**Back slopes are**  
 3:1 or as staked

Ditch width shall be the larger of the following:  
 A. Standard ditch width  
 B. 2 times the pipe diameter  
 C. 4.33'

Ditch depth shall be:  
 CUP diameter Ditch depth  
 18" 2.0'  
 24" 3.0'  
 30" 4.0'  
 48" 5.0'



**TYPICAL "A"**

No Scale