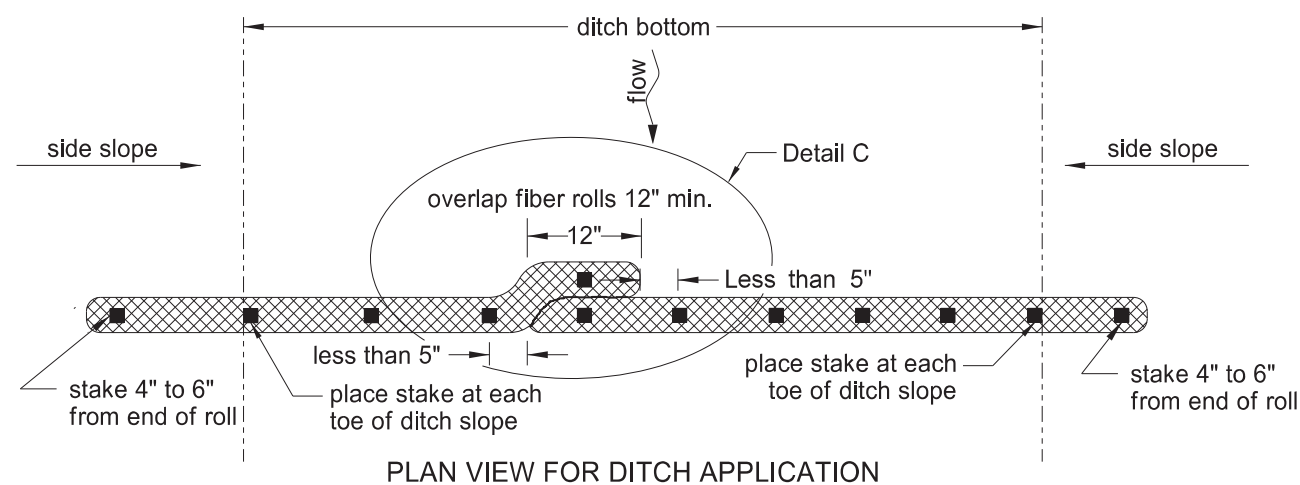
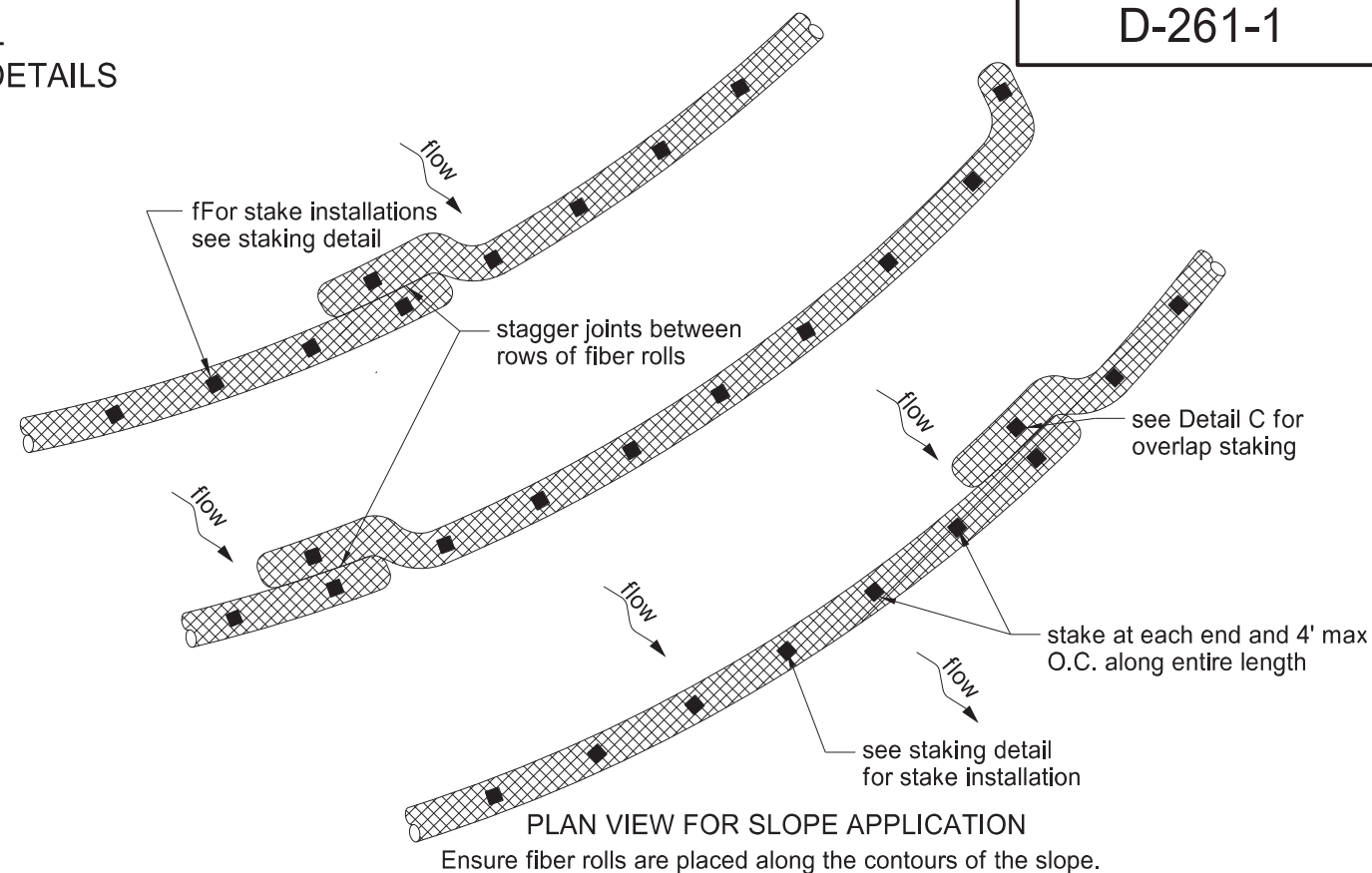


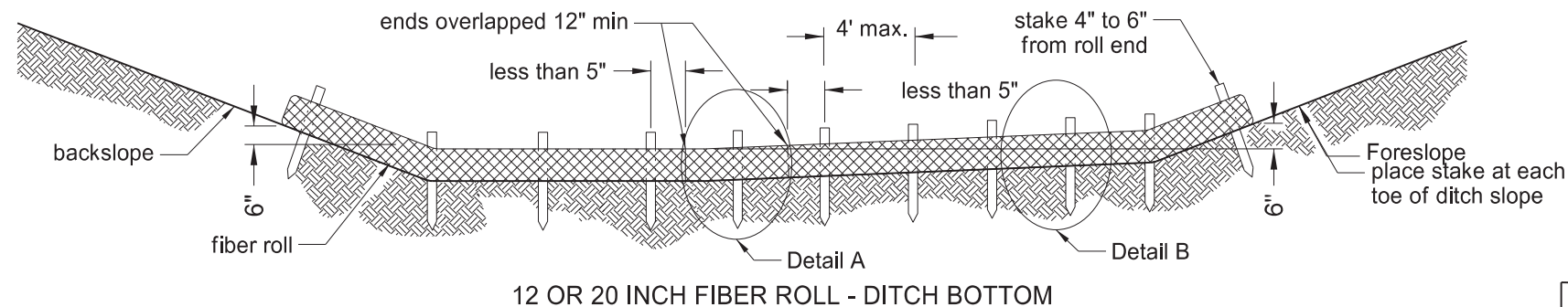
EROSION CONTROL  
FIBER ROLL PLACEMENT DETAILS



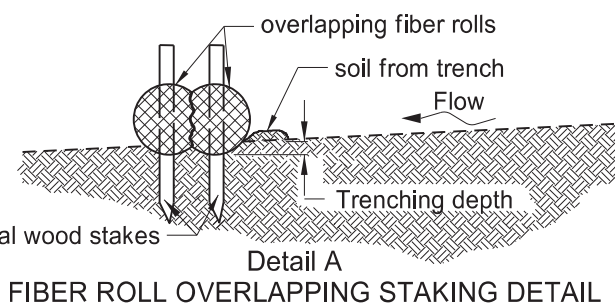
PLAN VIEW FOR DITCH APPLICATION



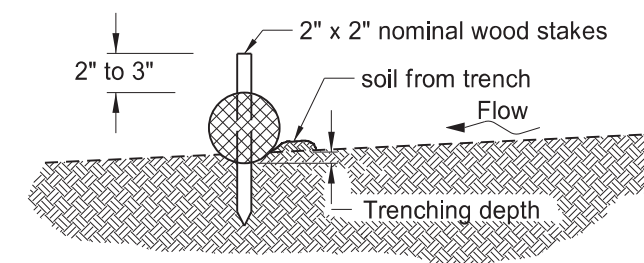
PLAN VIEW FOR SLOPE APPLICATION  
Ensure fiber rolls are placed along the contours of the slope.



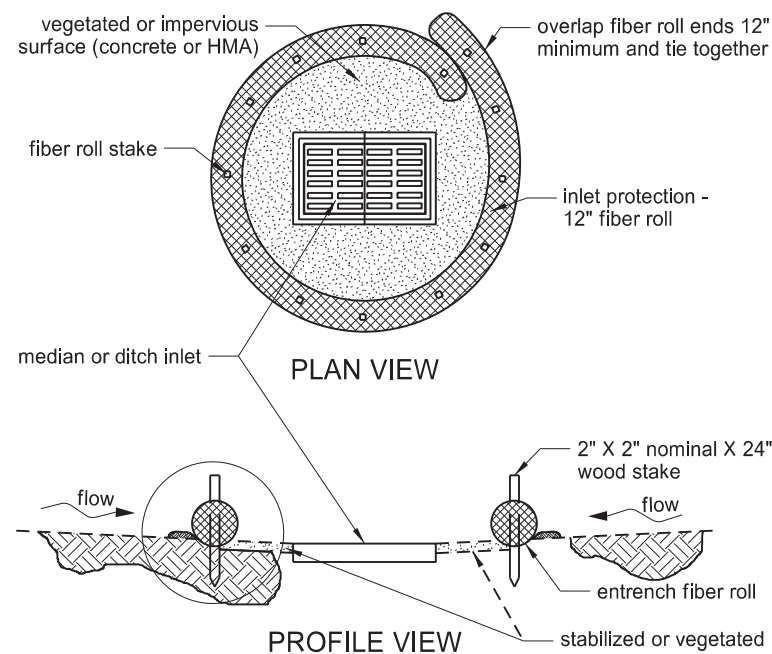
12 OR 20 INCH FIBER ROLL - DITCH BOTTOM



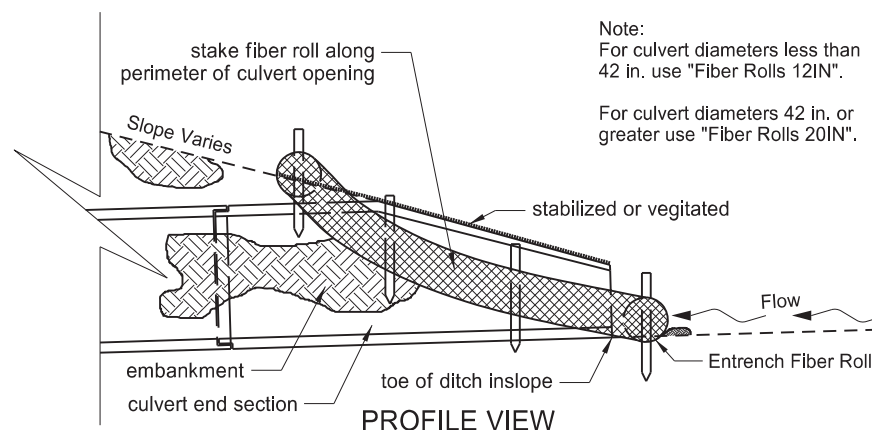
Detail A  
FIBER ROLL OVERLAPPING STAKING DETAIL



Detail B  
FIBER ROLL STAKING DETAIL

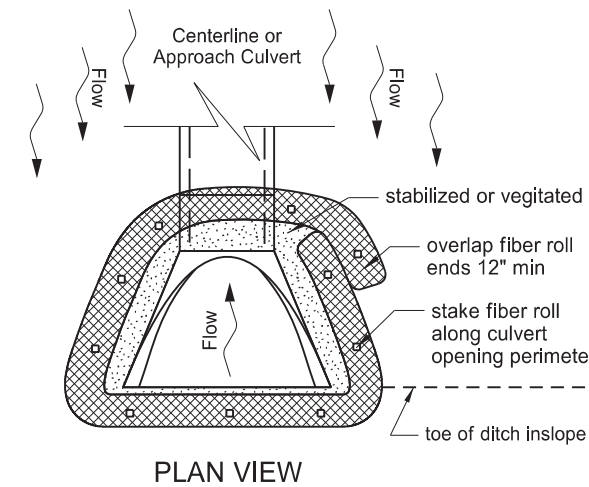


FIBER ROLL PROTECTION (MEDIAN OR DITCH INLET)



FIBER ROLL PROTECTION (INLET OF CULVERT)

Note:  
For culvert diameters less than 42 in. use "Fiber Rolls 12IN".  
For culvert diameters 42 in. or greater use "Fiber Rolls 20IN".



PLAN VIEW

NOTE: Do not allow runoff to run under or around roll.

FIBER ROLL DIAMETER	NOMINAL STAKE SIZE	MINIMUM STAKE LENGTH	TRENCH DEPTH	
			MINIMUM	MAXIMUM
12"	2" x 2"	24"	2"	3"
20"	2" x 2"	36"	3"	5"

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
11-18-10	
REVISIONS	
DATE	CHANGE
06-10-13	Added plan view for ditch and slope application. Added table with values for stake and trench dimensions
10-04-13	Revised fiber roll overlap detail
06-26-14	Changed standard drawing number from D-708-7 to D-261-1
08-27-19	New Design Engineer PE Stamp
04-22-24	Slope Plan View-overlap change
03-13-25	Added D-708-6 Culvert Inlet detail
09-02-25	Added D-708-6 Inlet detail



09/02/25