

TYPICAL PLAN FOR BACKSLOPE AND  
FORESLOPE PROTECTION

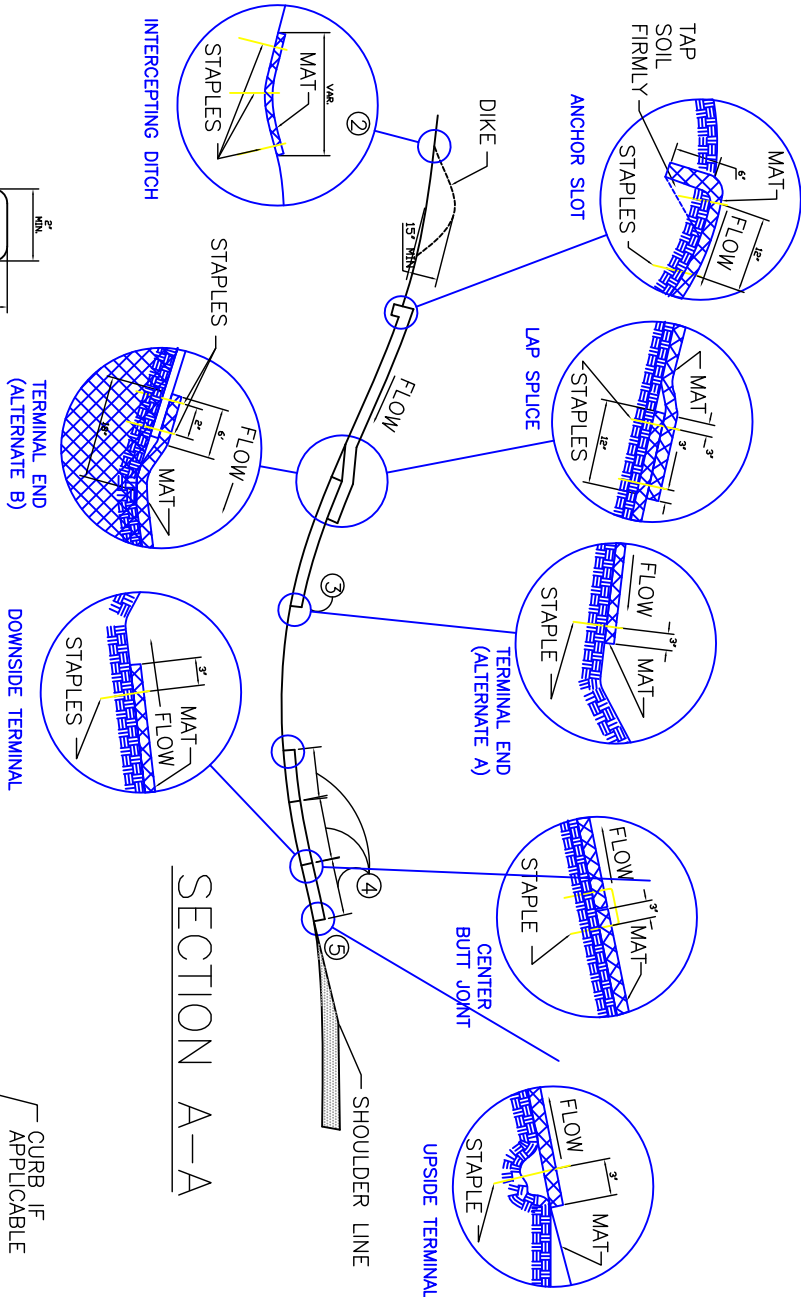
1. SPACE TOP ROW OF STAPLES AT 18" CENTERS, BOTTOM ROW AT 36" CENTERS AND ALL OTHERS STAPLES AT 24" CENTERS.
2. WHERE EROSION GULLIES HAVE DEVELOPED IN BACKSLOPE THEY SHALL BE FILLED WITH SOIL AND COMPACTED PRIOR TO PLACEMENT OF MAT.
3. IF EROSION RILL HAS DEVELOPED ADJACENT TO SHOULDER MATERIAL IT SHALL BE FILLED WITH SUITABLE SOIL AND COMPACTED PRIOR TO PLACEMENT OF MAT.

GENERAL NOTES:

1. EXCELSIOR MAT FOR BACKSLOPE PROTECTION IS INSTALLED WITH STRIPS PLACED APPROXIMATELY PERPENDICULAR TO ROADWAY. LOCATIONS FOR SLOPE PROTECTION SHALL BE AS SHOWN ON DRAWINGS.
2. EXCELSIOR MAT FOR FORESLOPE PROTECTION IS INSTALLED WITH STRIPS PLACED APPROXIMATELY PARALLEL TO ROADWAY. THE LOCATION, WIDTH AND NUMBER OF STRIPS SHALL BE AS SPECIFIED ON PROJECT PLANS.

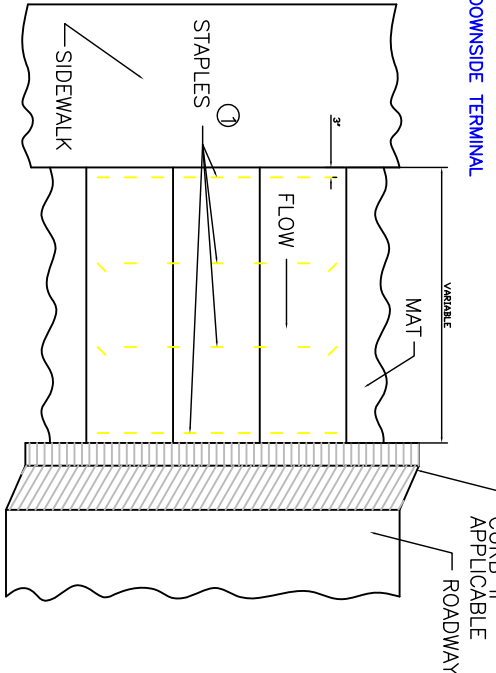
FILE NO.:	1300-030	CEDAR RAPIDS METROPOLITAN AREA STANDARD DETAILS FOR PUBLIC IMPROVEMENTS	
APPROVAL DATE:	AUG 1999		
REVISION NO.:			
REVISION DATE:			
		SLOPE PROTECTION DETAILS (WOOD EXCELSIOR MAT) SHEET 1 OF 2	NO. 1300-030

PROJECT NO.:	HX0789	DRAWN BY:	BGA	
		APPROVED BY:	GMH	
		DATE:	10/10/2012	
		NO.	REVISION	DESCRIPTION
			APPROVED	DATE



TYPICAL WIRE STAPLE  
APPROXIMATELY 30 STAPLES  
REQUIRED PER SQUARE  
(100 SQ. FT.) OF  
WOOD EXCELSIOR MAT.

TYPICAL PLAN  
SIDEWALK ADJACENT TO PAVEMENT



1. SPACE TOP ROW OF STAPLES AT 18" CENTERS, BOTTOM ROW AT 36" CENTERS AND ALL OTHERS STAPLES AT 24" CENTERS.
2. WHERE EROSION GULLIES HAVE DEVELOPED IN BACKSLOPE THEY SHALL BE FILLED WITH SOIL AND COMPACTED PRIOR TO PLACEMENT OF MAT.
3. WHERE EXCELSIOR MAT IS TO BE PLACED ALONG A DITCH BOTTOM, THE SLOPE PROTECTION SHALL BE INSTALLED TO FACILITATE PLACEMENT AS INDICATED IN ALTERNATE B. OTHERWISE INSTALL SLOPE PROTECTION AS SHOWN IN ALTERNATE A.
4. 4'-0" UNLESS SPECIFIED OTHERWISE FOR FORESLOPE PROTECTION.
5. IF EROSION RILL HAS DEVELOPED ADJACENT TO SHOULDER MATERIAL IT SHALL BE FILLED WITH SUITABLE SOIL AND COMPACTED PRIOR TO PLACEMENT OF MAT.

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ALLTRANS, INC. 4403 1st Avenue S.E. Cedar Rapids, Iowa 52402 Phone: (319) 393-8726	City of Holy Cross Subdivision No.3 Dubuque County, Iowa	Legend, Standard Details, And Bench Mark Information	SHEET NO. B.03 of B.17
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