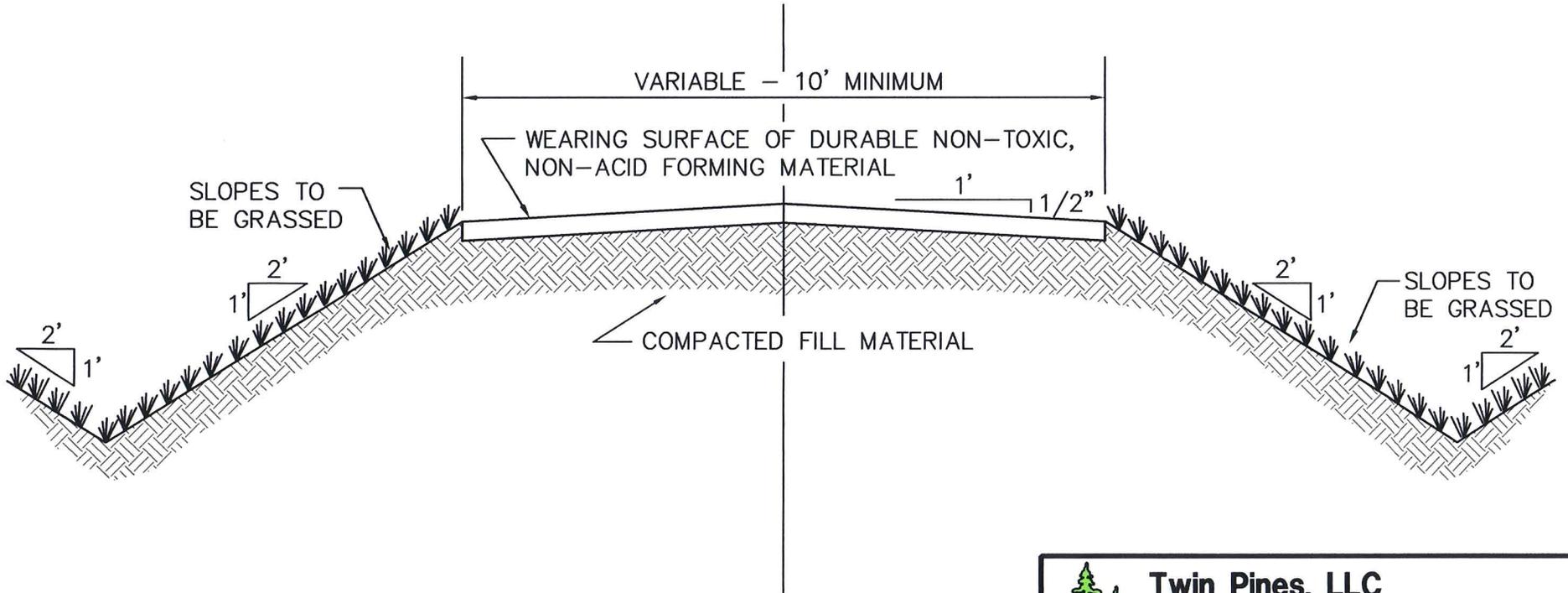


# TYPICAL HAUL ROAD FILL SECTION

NO SCALE



**Twin Pines, LLC**

74 Industrial Parkway  
P.O. Box 621 Jasper, Alabama 35502  
(205) 295-0995 Office (205) 295-0799 Fax

## TYPICAL FILL SECTION ANCILLARY HAUL ROAD

DRAWN BY: K.D.P.  
DWG. NAME: TYPHAULA

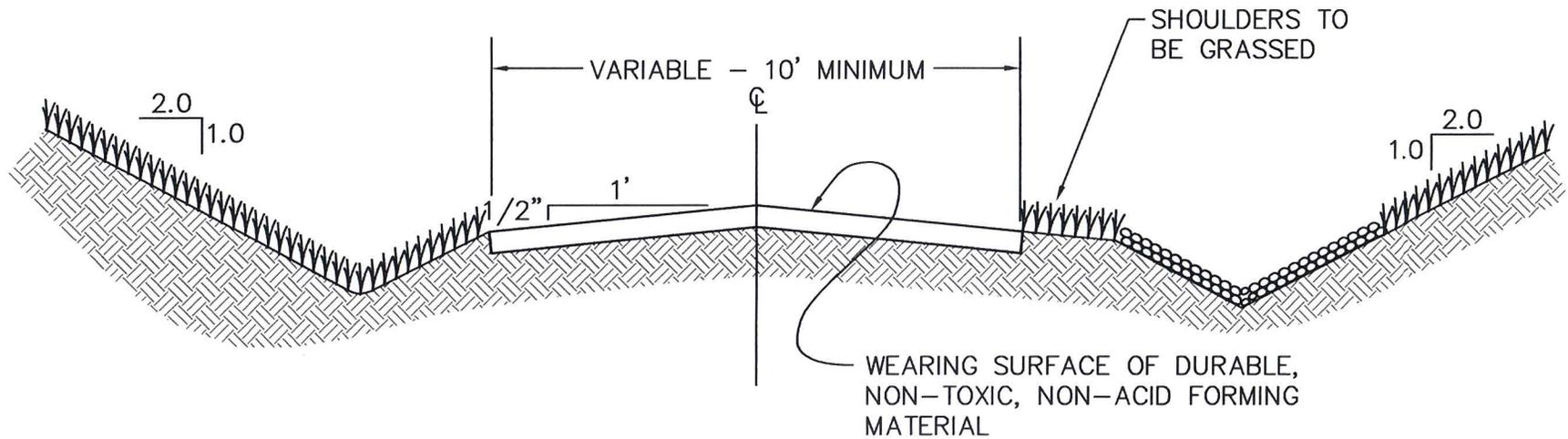
DATE: 2-3-97

APPROVED BY: S.R.I.

SCALE: NONE

# TYPICAL HAUL ROAD CUT SECTION

NO SCALE



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## TYPICAL CUT SECTION ANCILLARY HAUL ROAD

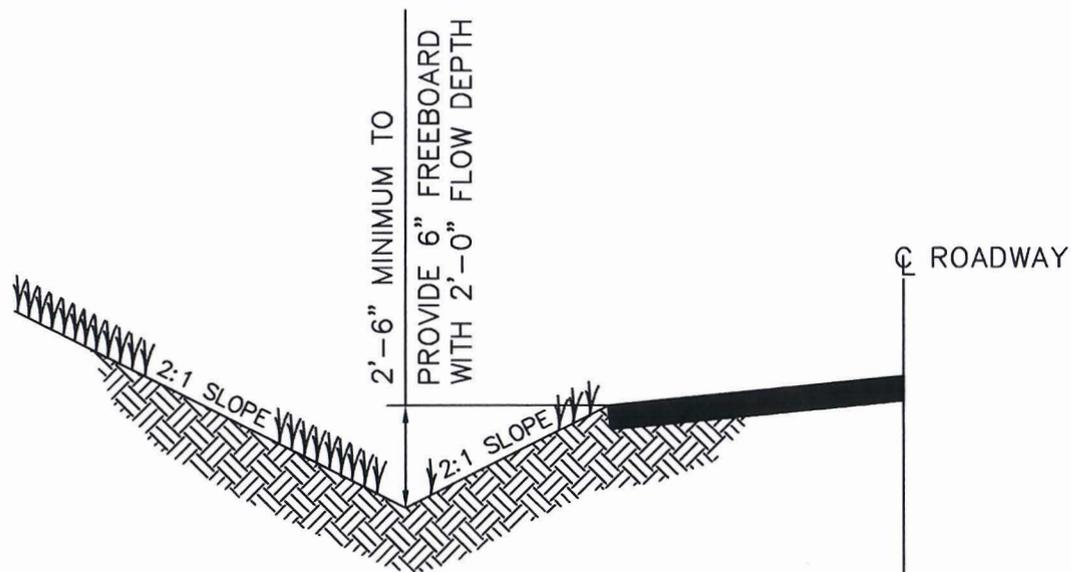
DRAWN BY: K.D.P.  
DWG. NAME: TYPHAULB

DATE: 2-3-97

APPROVED BY: S.R.I.

SCALE: NONE

ATTACHMENT III.-B.-5.



MINIMUM DITCH GRADIENT = 1%  
 MAXIMUM DITCH GRADIENT = 5%

DITCH CHANNEL TO BE VEGETATED WITH  
 A MIXTURE OF BERMUDA GRASS, FESCUE,  
 AND LESPEDEZA TO CONFORM TO CLASS  
 "D" RETARDANT CLASS.



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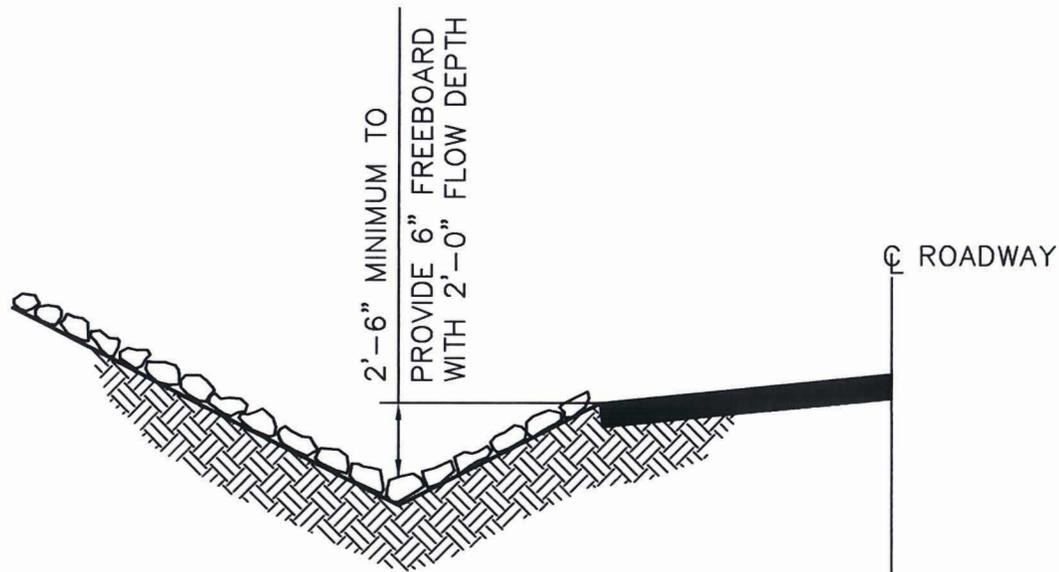
**TYPICAL ANCILLARY ROADWAY DITCH  
 CROSS SECTION**

DRAWN BY: K.D.P.  
 DWG. NAME: ANCIROAD

DATE: 2-4-97

APPROVED BY: R.E.P.

SCALE: NONE



DITCH GRADIENT 5% TO 10%

DITCH CHANNEL TO BE LINED WITH NON-ERODIBLE NON-TOXIC, NON-ACID FORMING SANDSTONE OR LIMESTONE RIP-RAP. THE RIP-RAP WILL BE "CLASS 1" RIP-RAP AND HAVE A MINIMUM THICKNESS OF 12".



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**TYPICAL ANCILLARY ROADWAY DITCH  
CROSS SECTION**

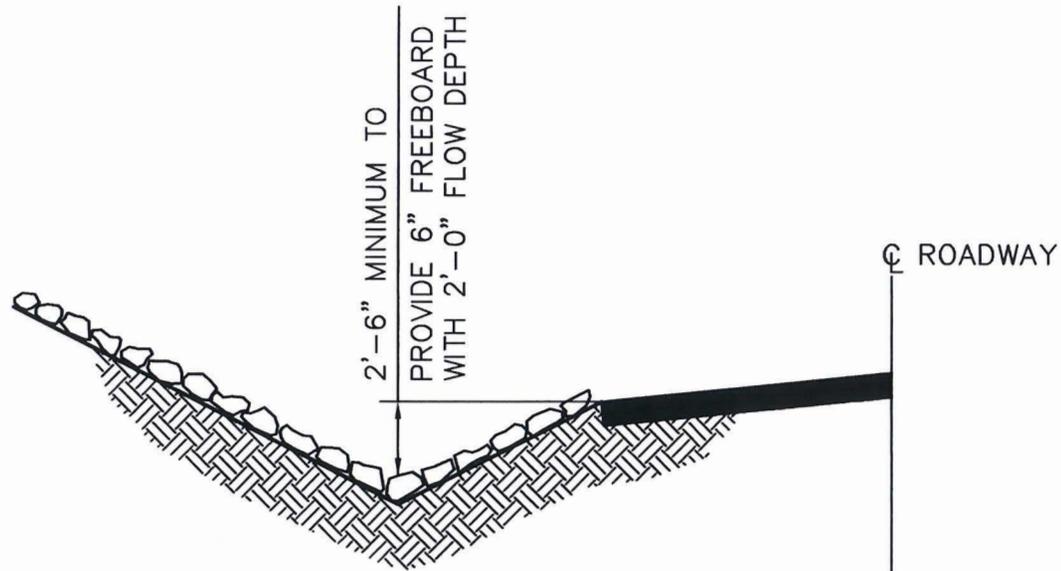
DRAWN BY: P.T.O.  
DWG. NAME: ANCIROAD2

DATE: 8-2-10

APPROVED BY: W.K.M.

SCALE: NONE

ATTACHMENT III - B. - 5.



DITCH GRADIENT 11% TO 17%

DITCH CHANNEL TO BE LINED WITH NON-ERODIBLE NON-TOXIC, NON-ACID FORMING SANDSTONE OR LIMESTONE RIP-RAP. THE RIP-RAP WILL BE "CLASS 2" RIP-RAP AND HAVE A MINIMUM THICKNESS OF 16".



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**TYPICAL ANCILLARY ROADWAY DITCH  
CROSS SECTION**

DRAWN BY: P.T.O.

DWG. NAME: ANCIROAD3

DATE: 8-4-10

APPROVED BY: W.K.M.

SCALE: NONE

ATTACHMENT III - B - 5.