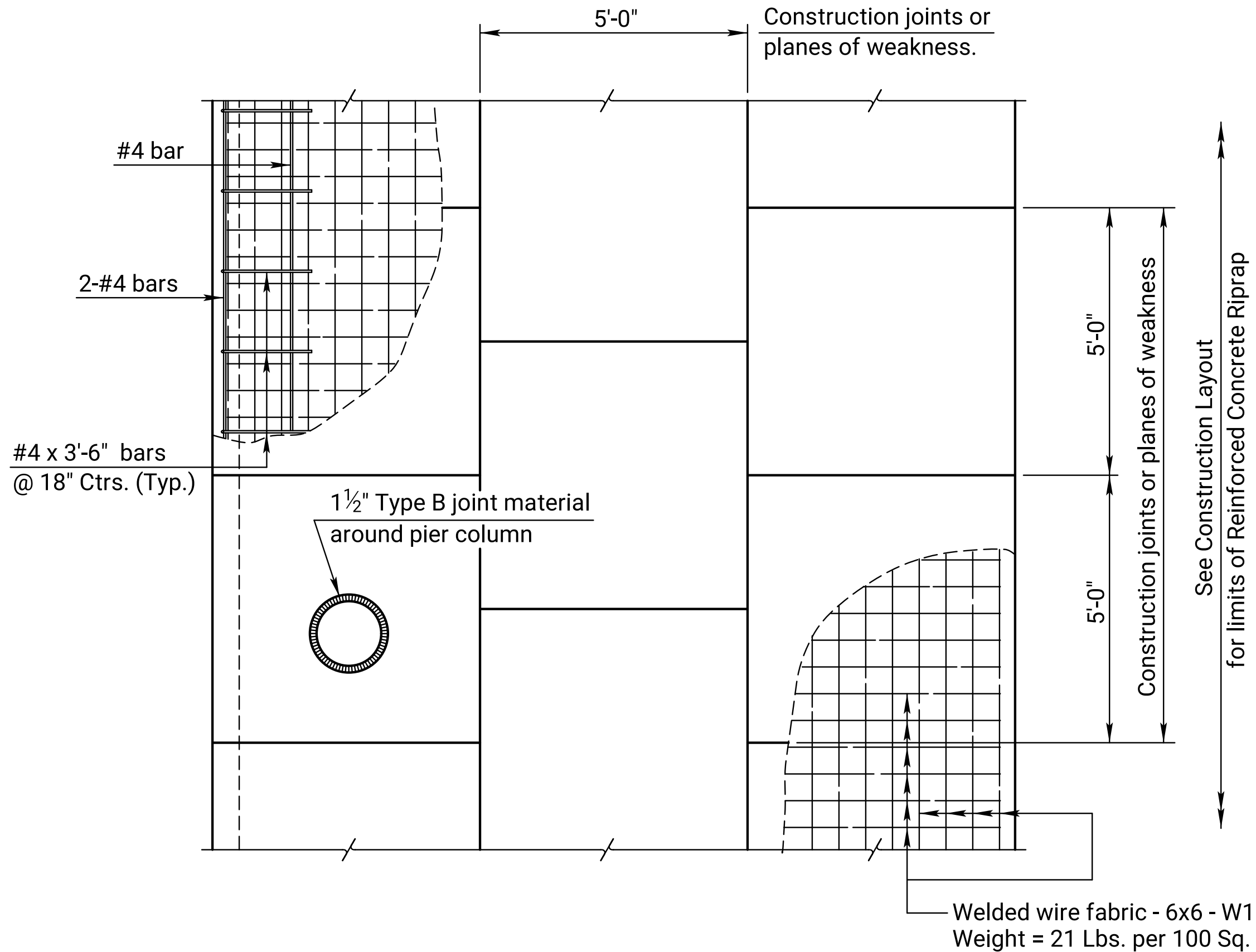
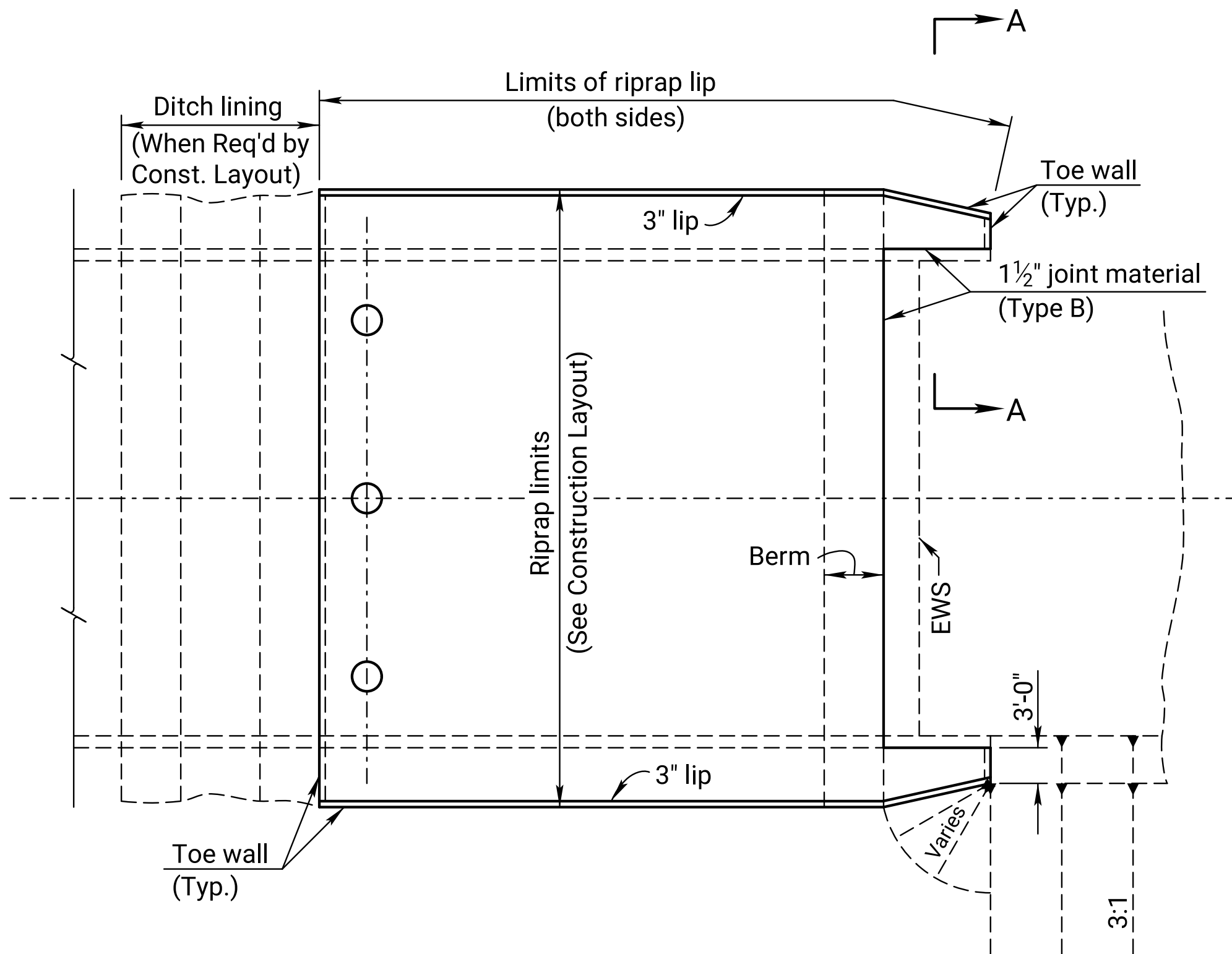


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS		0	0	



PLAN
(Showing Joint Layout)



TYPICAL PLAN

Notes:

Use Concrete (Grade 3.0)(AE) for the riprap.

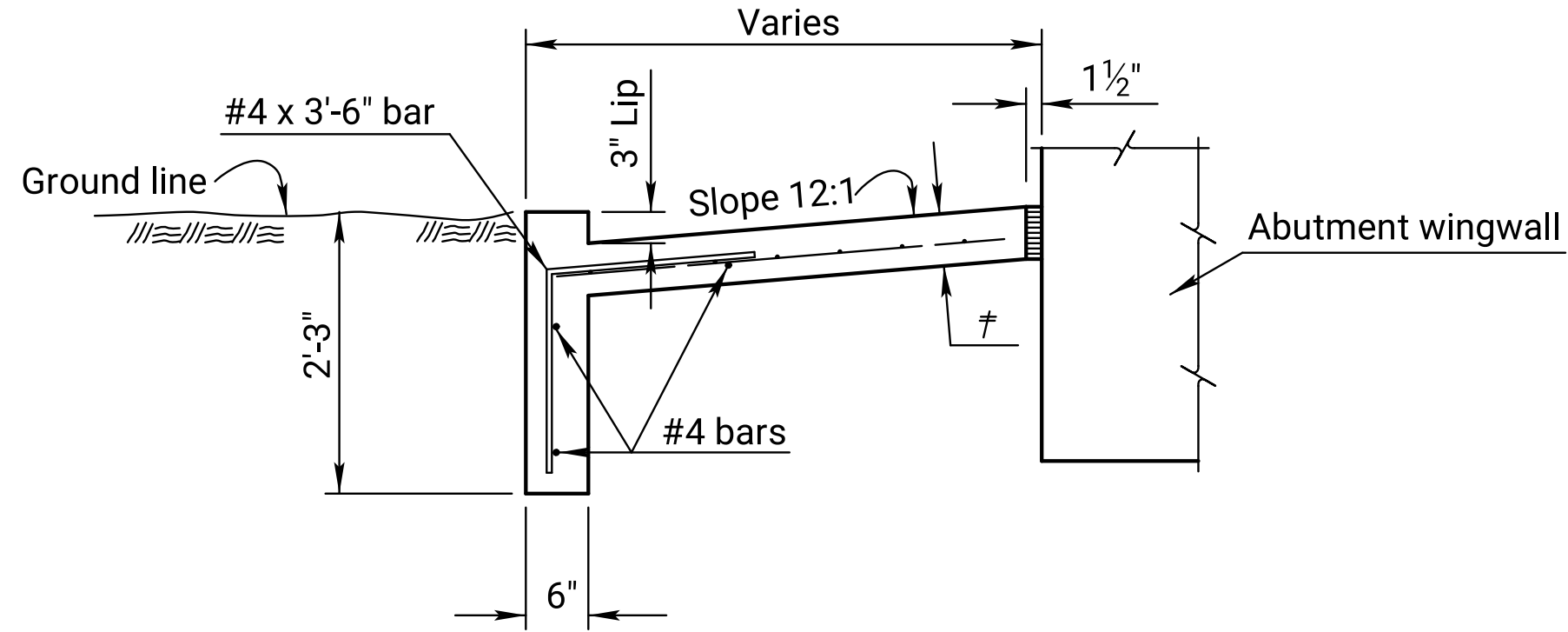
Use 6x6 - W1.4 x W1.4 welded wire fabric conforming to the requirements of ASTM A185.

Use reinforcing steel conforming to the requirements of ASTM A615, Grade 60.

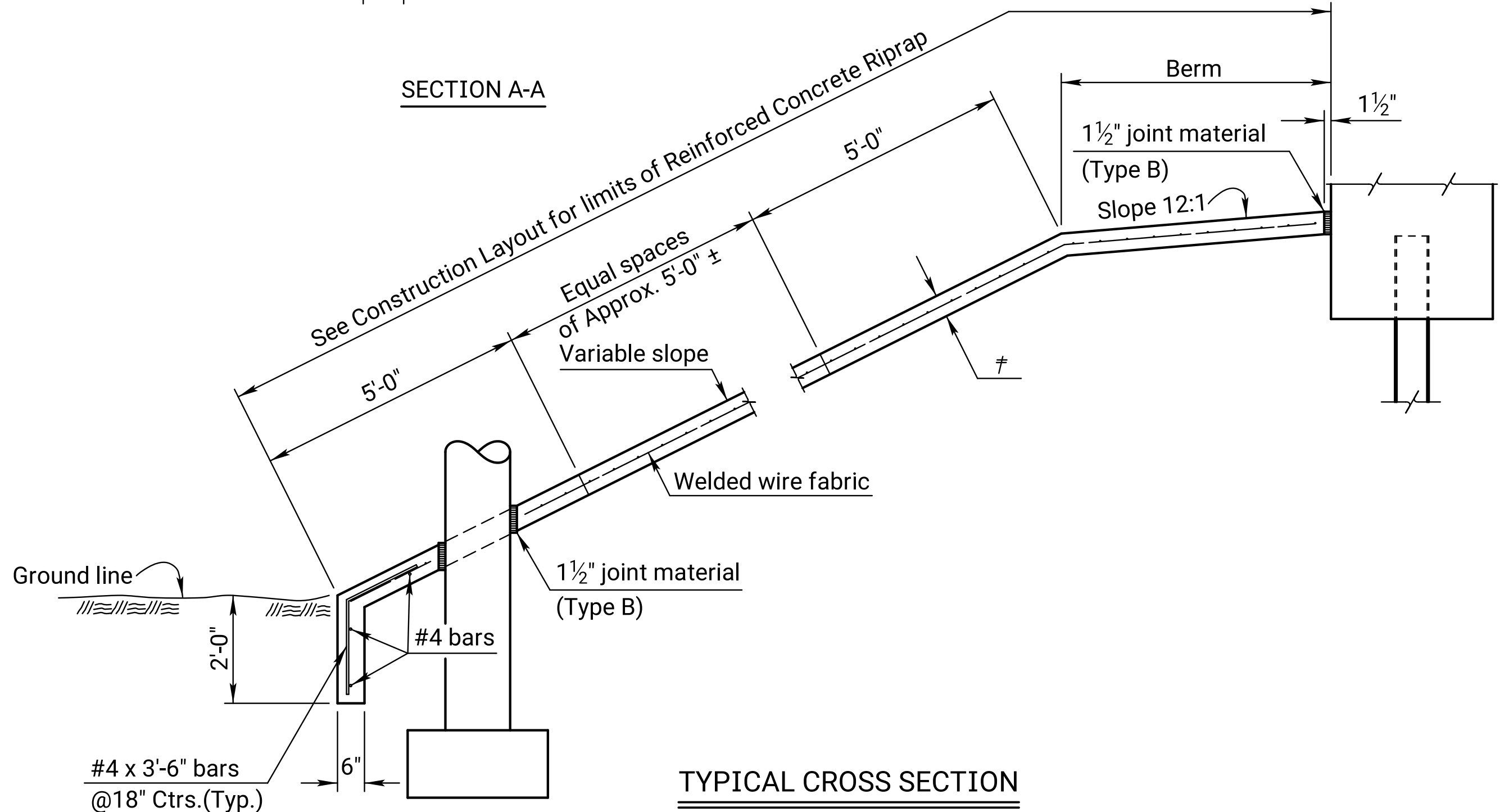
Place 1 1/2" Type B expansion material in the joints caused by any intersection of the riprap with the abutment, wings, or columns.

Measurement of the Reinforced Concrete Riprap shall be in square yards and is based on the outside surface area.

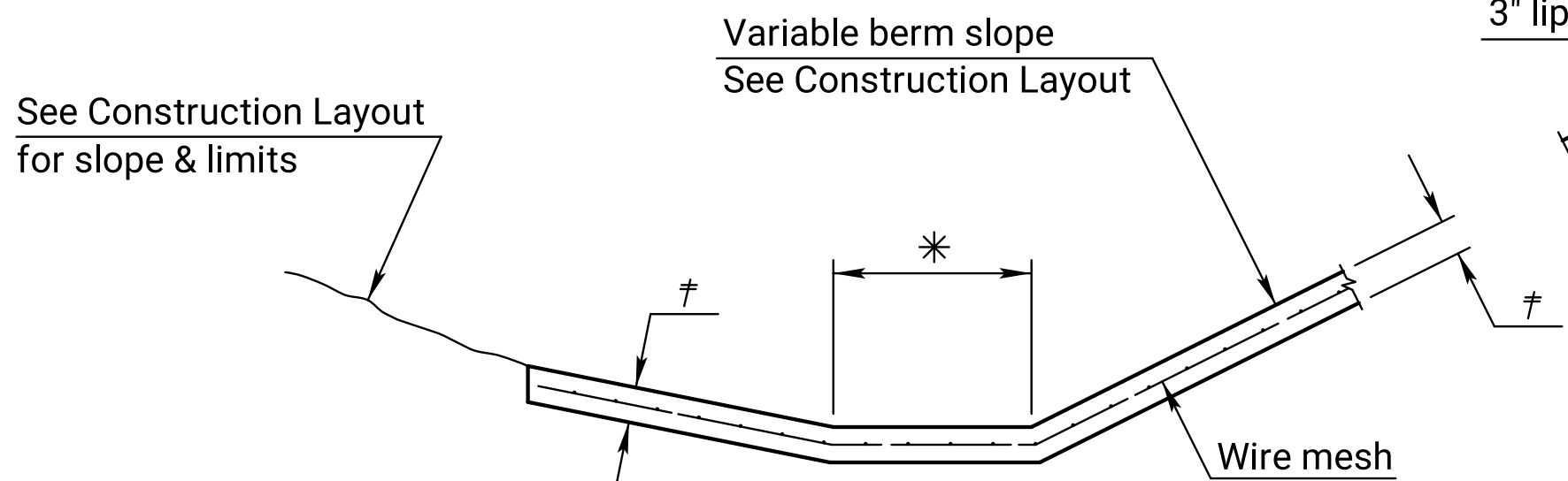
The toe walls, 3" lip, Type B expansion material, welded wire fabric, and reinforcing steel are subsidiary to the bid item Reinforced Concrete Riprap.



SECTION A-A



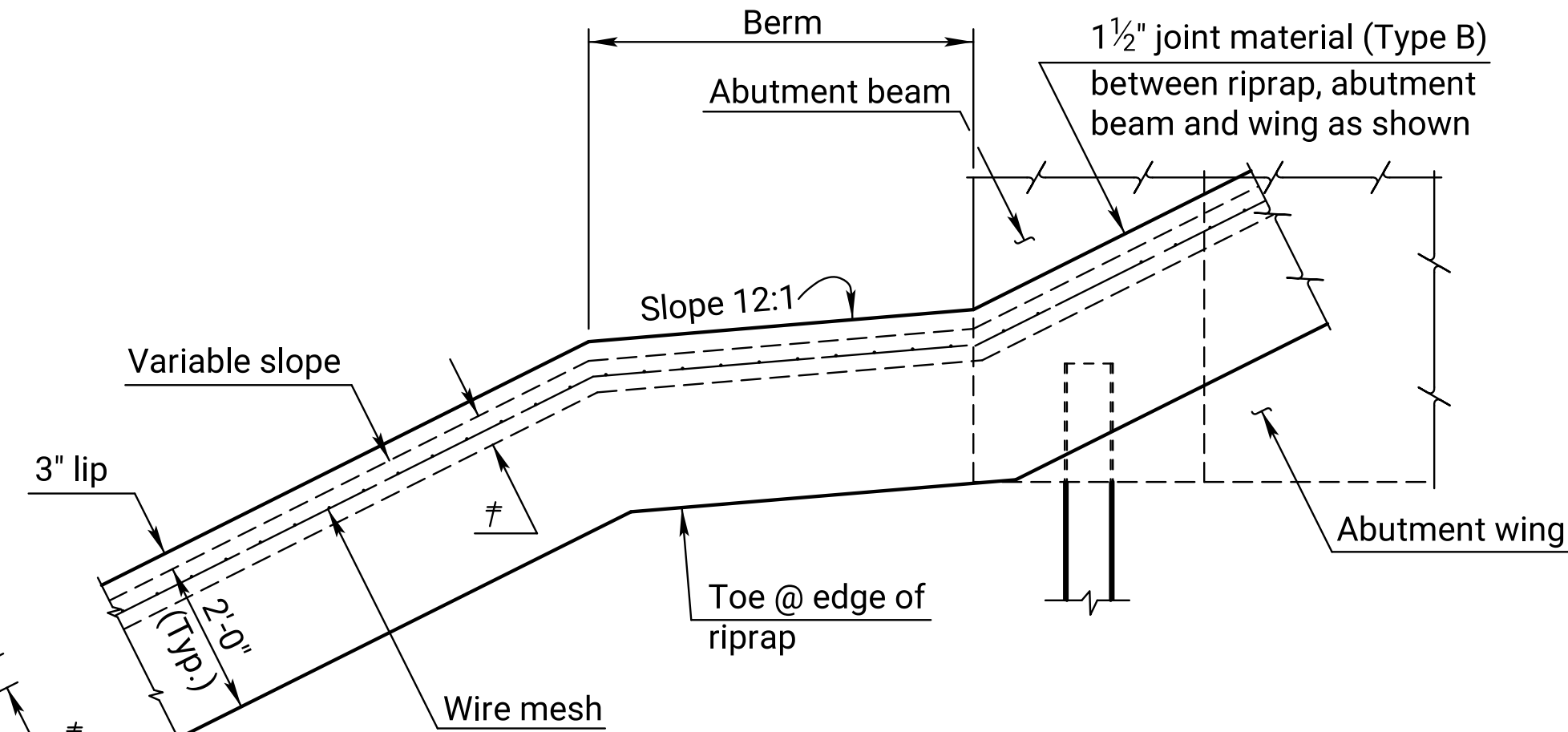
TYPICAL CROSS SECTION



* See Construction Layout for this dimension (1'-0" Min.).

DITCH BOTTOM
(When required by Construction Layout sheet)

See Construction Layout for thickness.



ELEVATION AT SHOULDER

02	10-04-07	Concrete (AE)	J.P.J.	K.F.H.
01	10-28-04	Concrete - Class to Grade	R.A.M.	K.F.H.
NO.	DATE	REVISIONS	BY	APPD
KANSAS DEPARTMENT OF TRANSPORTATION				
REINFORCED CONCRETE RIPRAP				
BR130				
FHWA APPROVAL		08-24-88	APPD.	Kenneth F. Hurst
DESIGNED	DETAIL	R.D.R.	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	J.V.J.	QUAN.CK.	TRACE CK.