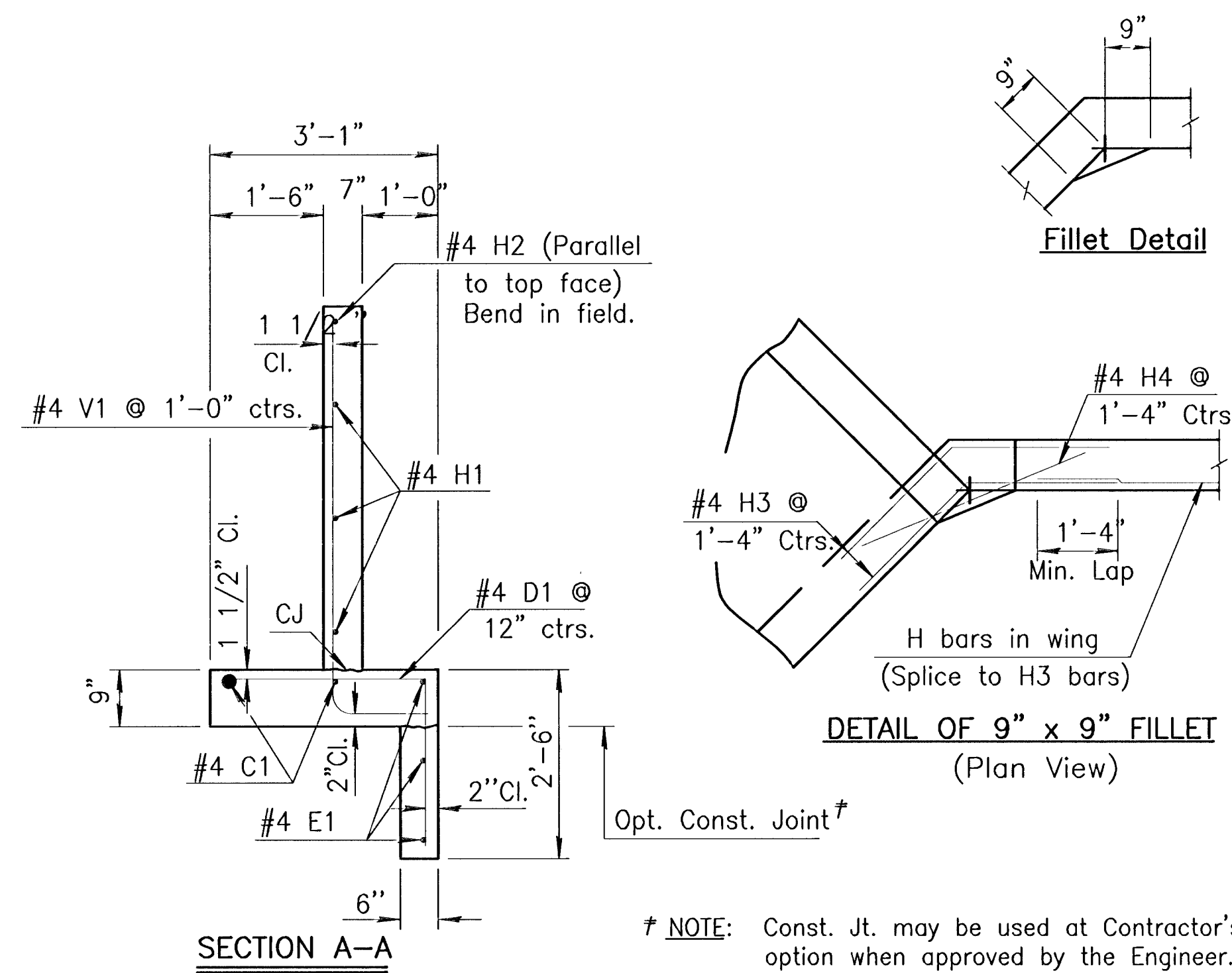
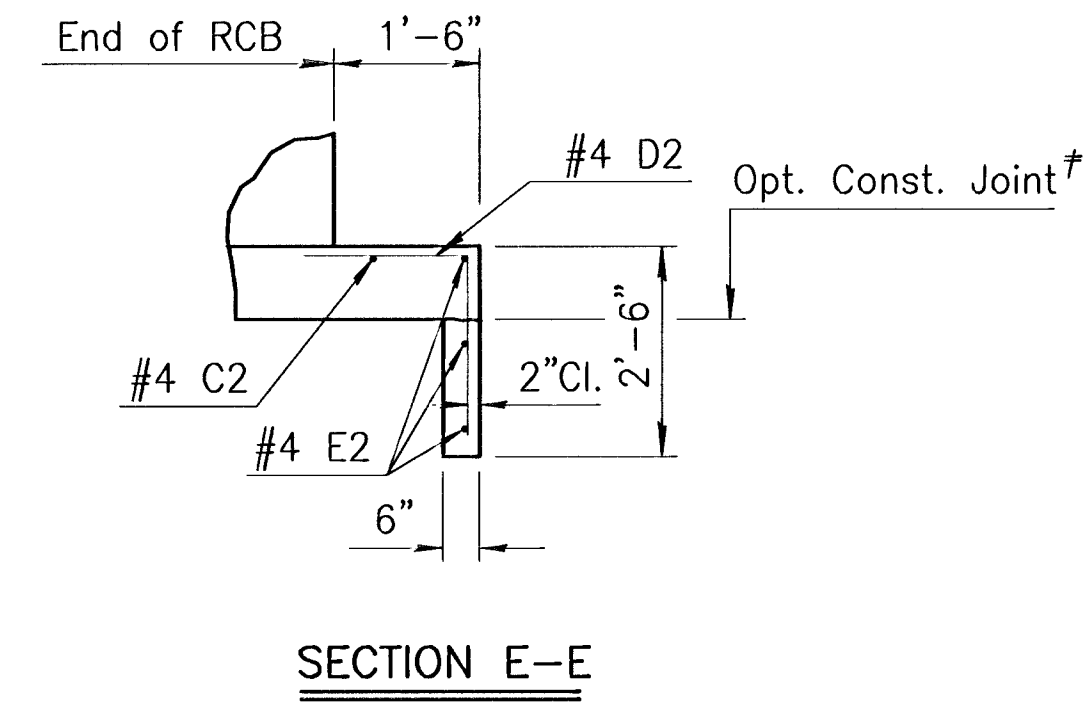


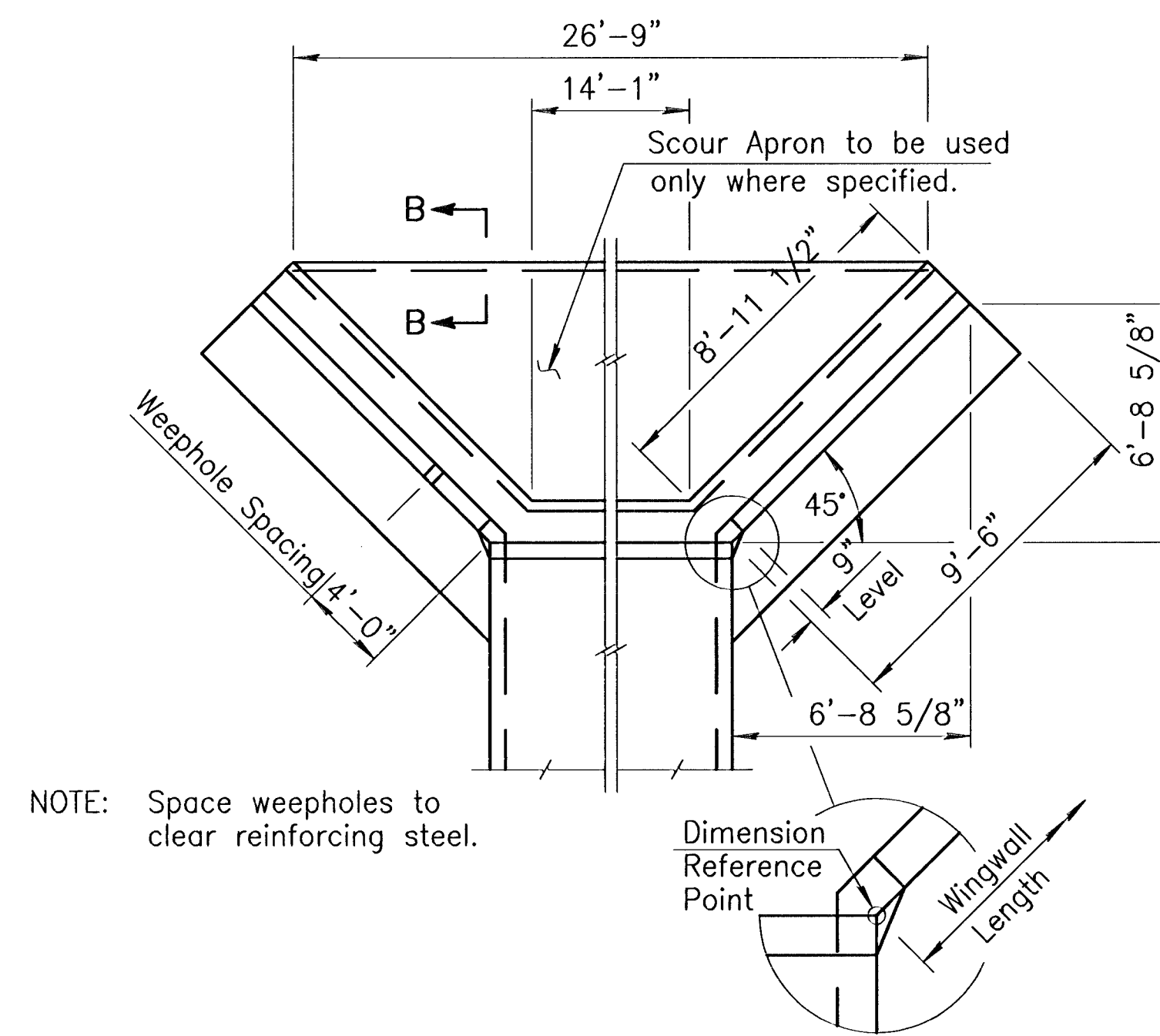


SECTION A-A

† **NOTE:** Const. Jt. may be used at Contractor's option when approved by the Engineer. D1 bars or mesh may be spliced thus:

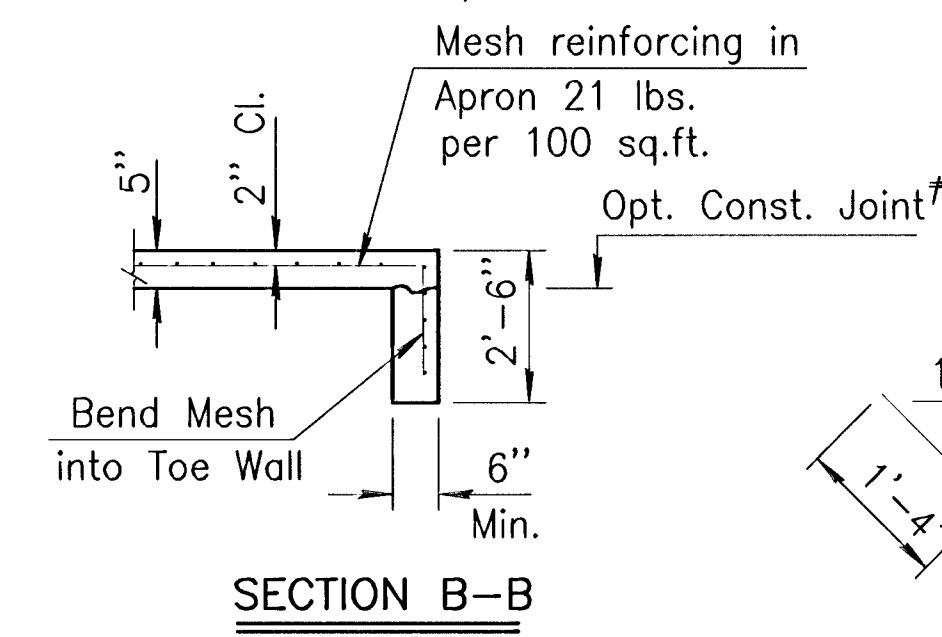


SECTION E-E

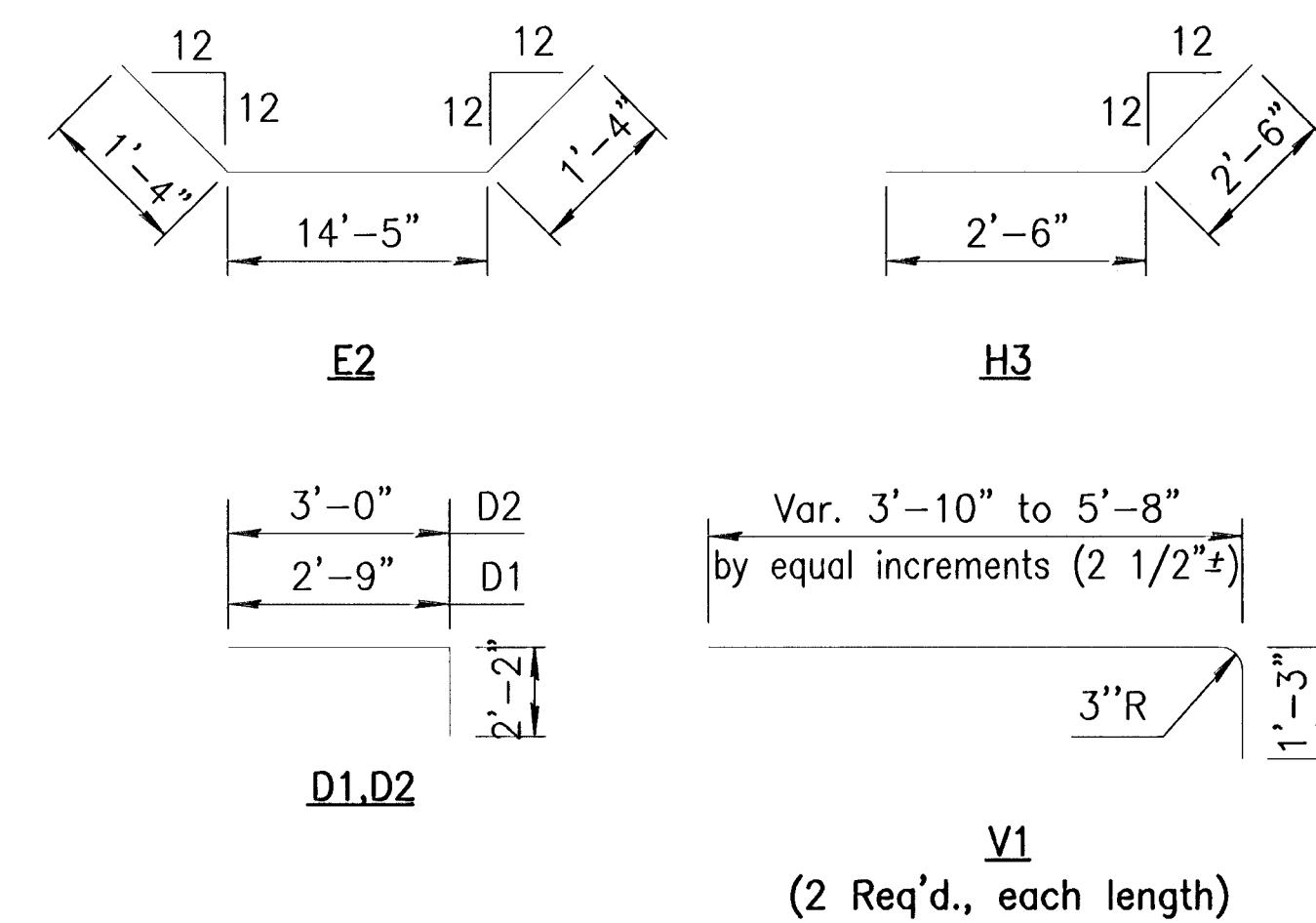


WING DIMENSIONS FOR NORMAL BOX
(3 1/2:1 Embankment Slope)

NOTE: Space weepholes to clear reinforcing steel.



SECTION B-I



BENDING DIAGRAM

(All dimensions are out to out of bars.)

WINGWALL QUANTITIES (One End Only)			
Class AAA Concrete:			
Wingwalls	_____	_____	5.26 CY
Apron	_____	_____	3.03 CY
Soil Saver	_____	_____	0.00 CY
Reinforcing Steel			406.92 Lbs
Welded Wire Fabric			41.26 Lbs

[illegible]

* See Bending Diagram

NO.	DATE	REVISIONS	BY	APP'D	
KANSAS DEPARTMENT OF TRANSPORTATION					
Sta. 13+73.67					
FLARED WINGWALLS 4 FT. RISE (0° SKEW)					
BR10:00:04		SEDGWICK CO.			
FWHA APPROVAL	DESIGNED	8-5-91	APP'D	KENNETH F. HURST	
DETAIL CK.	Detailed	QUANTITIES	TRACED		
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK.		

FINAL	Designed By: J. Ubert / J. Dickman
	Drawn By: J. Dickman
	Poe Job No.: 1694A
	Date: March 2002

Sheet
 93 of 112

EQUESTRIAN ESTATES — PHASE 1
STREET IMPROVEMENTS
WINGWALL (4' RISE) DETAILS
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. — CITY ENGINEER
C.O.W. Project # 472-83424 O.C.A. # 7656

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ■ Wichita, KS 67208-4242
Phone 316/685-4114 ■ FAX 316/685-4444



FINAL	Designed By: J. Ubert / J. Dickman
	Drawn By: J. Dickman
	Poe Job No.: 1694A
	Date: March 2002

Sheet
 93 of 112

C:\APPS\DOCA\P\694\BASE-ST.dwg Thu Mar 21 14:32:27 2002 Bernard Kulla - POE & ASSOCIATES OF KANSAS INC.

SAT: ST-WW