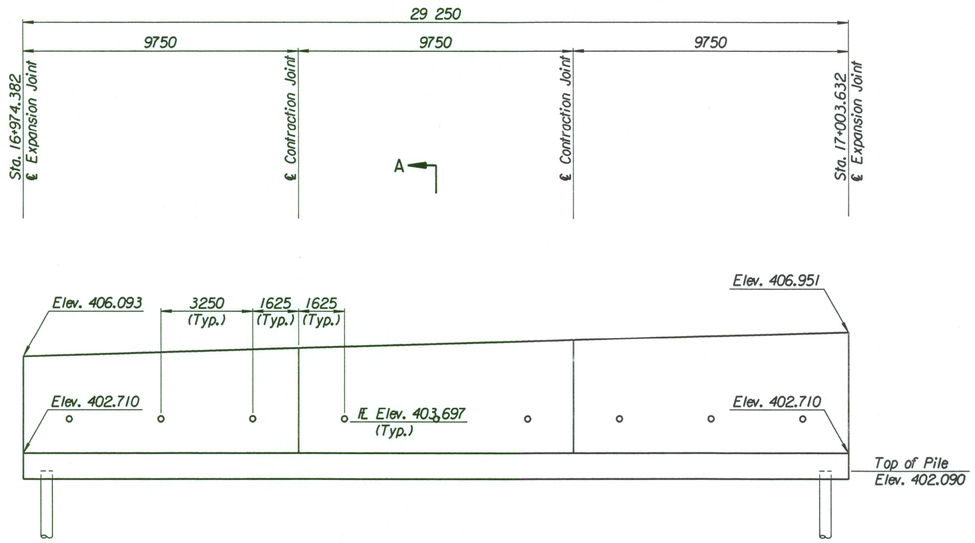
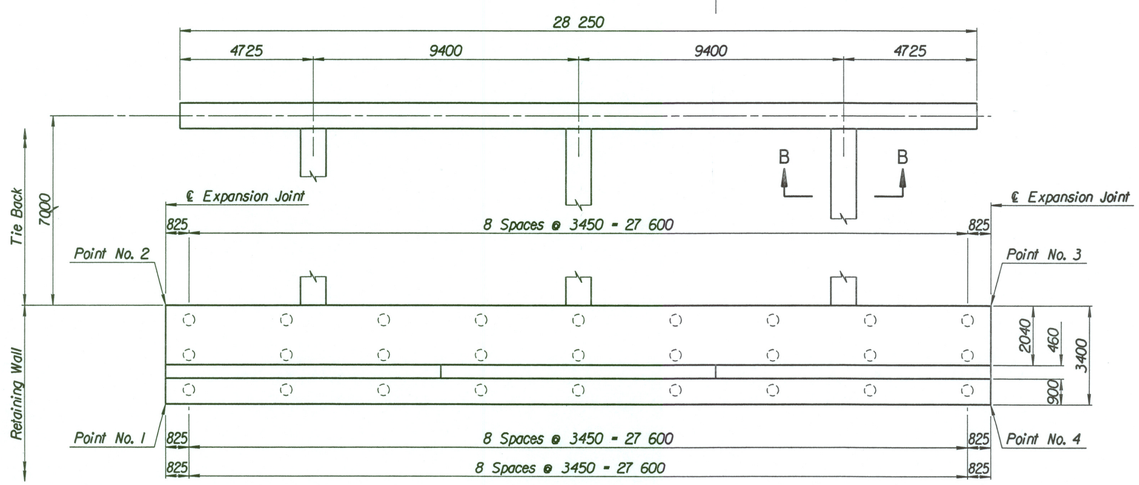
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54-87 K-6657-01	2002	361	1122



ELEVATION

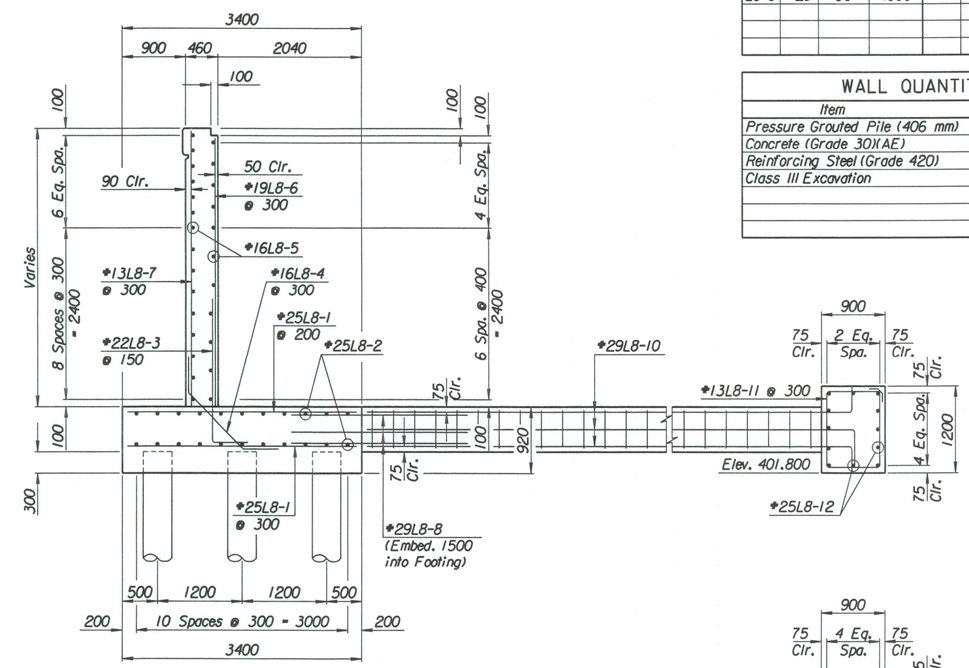


PLAN

LAYOUT INFORMATION				
Point No.	North Coordinate	East Coordinate	Station	Offset
1	511836.328	492895.523	16+974.382	19.395 Rt.
2	511839.412	492894.090	16+974.382	15.995 Rt.
3	511851.734	492920.618	17+003.632	15.995 Rt.
4	511848.650	492922.051	17+003.632	19.395 Rt.

REINFORCING STEEL							
Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
L8-1	#25	246	3320	L8-3	#22	195	2870
L8-2	#25	44	15 540	L8-4	#16	99	1970
L8-5	#16	78	9650				
L8-6	#19	99	3230				
L8-7	#13	99	4190				
L8-8	#29	36	4000				

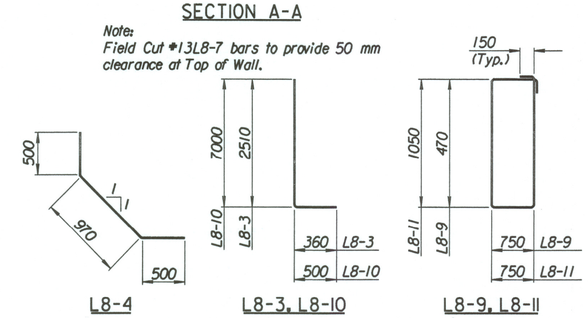
WALL QUANTITIES		
Item	Quantity	Unit
Pressure Grouted Pile (406 mm)	324.0	m
Concrete (Grade 30)(AE)	142.5	m^3
Reinforcing Steel (Grade 420)	10 990	kg
Class III Excavation	241.1	m^3



SECTION A-A

SECTION B-B

Note:
Field Cut #13L8-7 bars to provide 50 mm clearance at Top of Wall.



BENDING DIAGRAMS
All dimensions are out to out of bars.

TIE BACK REINFORCING STEEL							
Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
L8-12	#25	24	15 040	L8-9	#13	66	2740
				L8-10	#29	36	7500
				L8-11	#13	94	3900

TIE BACK QUANTITIES		
Item	Quantity	Unit
Concrete (Grade 30)(AE)	41.5	m^3
Reinforcing Steel (Grade 420)	3344	kg

No.	Revisions	By	Date
1			

CITY OF WICHITA

TYLER SOUTHWEST WALL

STA. 16+974.382 TO STA. 17+003.632

SEDGWICK COUNTY

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	P.D.F.	Checked by	R.A.S.	
Drawn by	W.L.L.	Date	April, 2002	Job No. 97362

Drawn by: wll
Plotted by: drp 3-25-2002
i:/1997/97362/001/bridge/tylerrd/SWwall-11