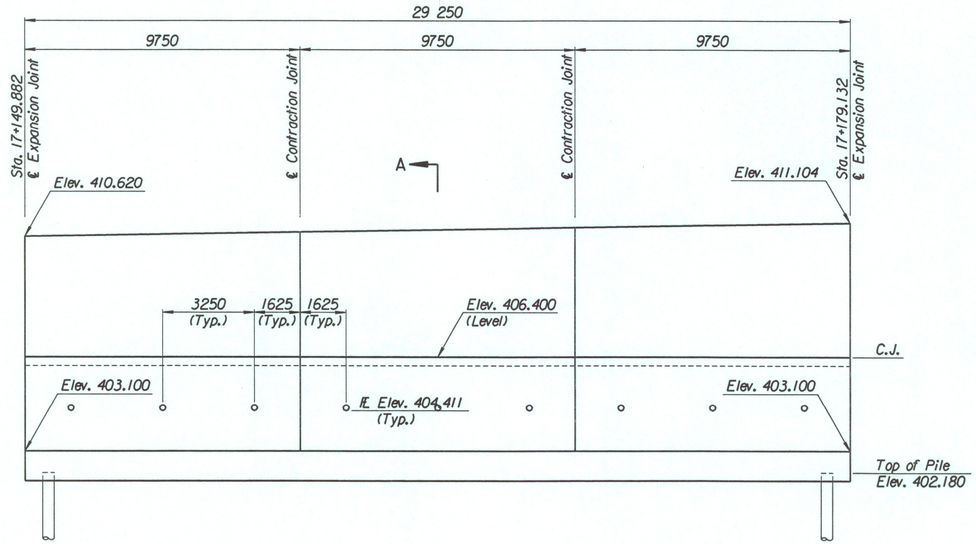
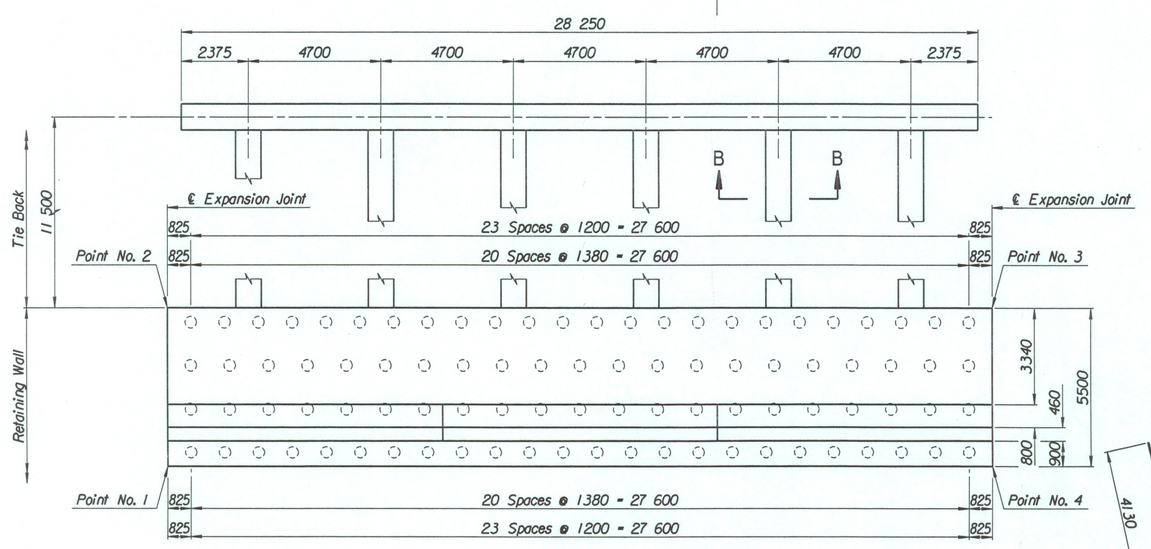
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54-87 K-6657-01	2002	354	1122



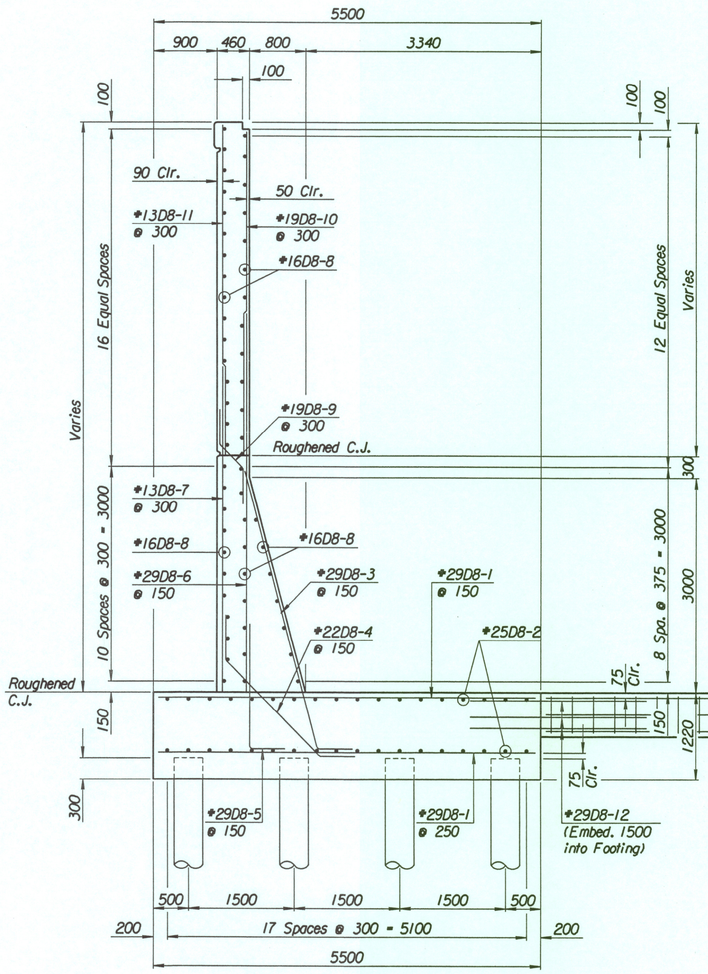
ELEVATION



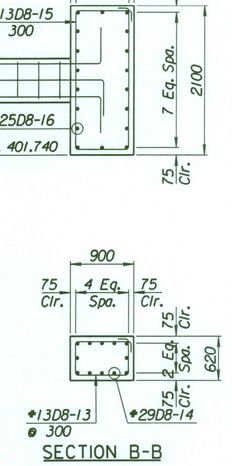
PLAN

TIE BACK REINFORCING STEEL							
Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
D8-16	#25	36	15 040	D8-13	#13	222	2740
				D8-13	#29	72	12 000
				D8-13	#13	94	5700

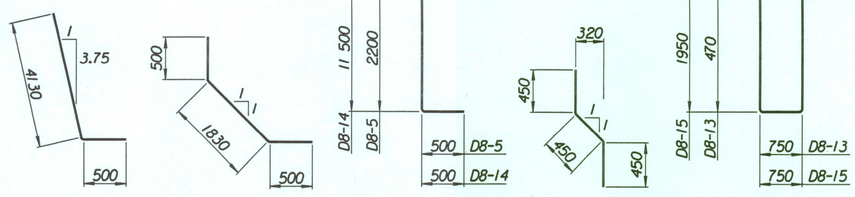
TIE BACK QUANTITIES		
Item	Quantity	Unit
Concrete (Grade 30)(AE)	90.4	m^3
Reinforcing Steel (Grade 420)	7660	kg



SECTION A-A



SECTION B-B



BENDING DIAGRAMS

All dimensions are out to out of bars.

LAYOUT INFORMATION				
Point No.	North Coordinate	East Coordinate	Station	Offset
1	511910.259	493054.691	17+149.882	19.395 Rt.
2	511915.247	493052.374	17+149.882	13.895 Rt.
3	511927.569	493078.902	17+179.132	13.895 Rt.
4	511922.580	493081.219	17+179.132	19.395 Rt.

REINFORCING STEEL							
Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
D8-1	#29	312	5420	D8-3	#29	195	4630
D8-2	#29	72	15 540	D8-4	#22	195	2830
				D8-5	#29	195	2700
D8-6	#29	195	5630				
D8-7	#13	99	4390	D8-9	#19	99	1350
D8-8	#16	165	9650				
D8-10	#19	99	4070				
D8-11	#13	99	4170				
D8-12	#29	72	4000				

WALL QUANTITIES		
Item	Quantity	Unit
Pressure Grouted Pile (406 mm)	1080.0	m
Concrete (Grade 30)(AE)	335.5	m^3
Reinforcing Steel (Grade 420)	34 655	kg
Class III Excavation	416.0	m^3

No.	Revisions	By	Date
1			

CITY OF WICHITA

TYLER SOUTHWEST WALL

STA. 17+149.882 TO STA. 17+179.132

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-4