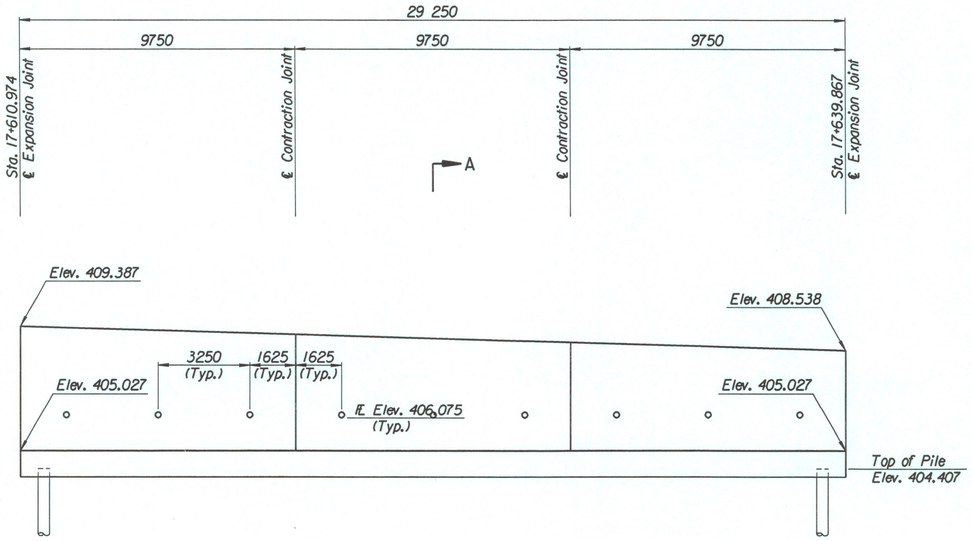
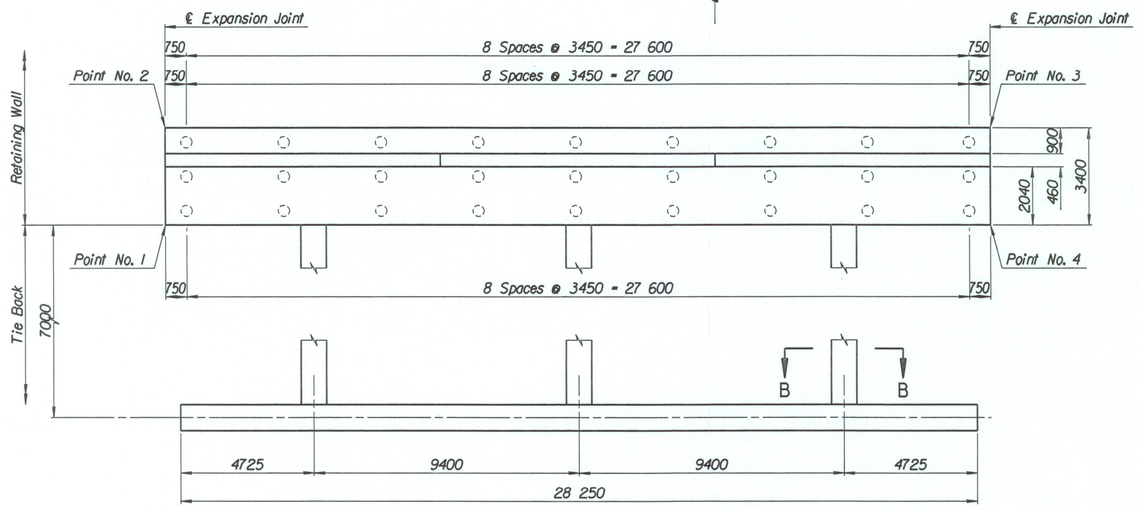
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54-87 K-6657-01	2002	336	1122



ELEVATION



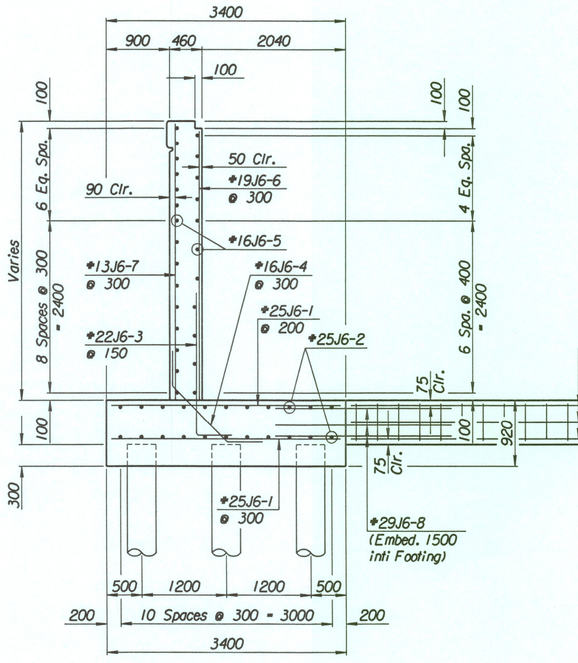
PLAN

TIE BACK REINFORCING STEEL

Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
J6-12	#25	28	15 040	J6-9	#13	66	2740
				J6-10	#29	36	7500
				J6-11	#13	94	4500

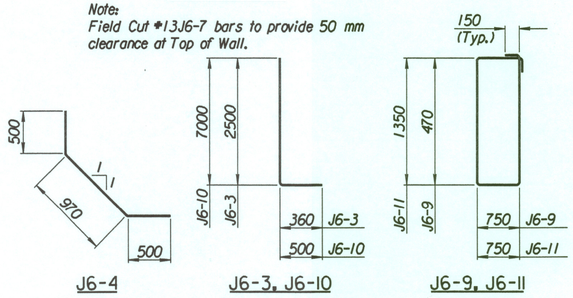
TIE BACK QUANTITIES

Item	Quantity	Unit
Concrete (Grade 30)(AE)	49.1	m^3
Reinforcing Steel (Grade 420)	3640	kg

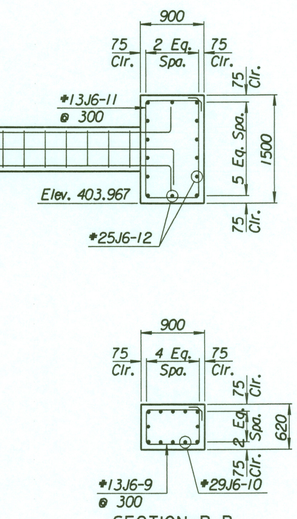


SECTION A-A

Note:
Field Cut #13J6-7 bars to provide 50 mm clearance at Top of Wall.



BENDING DIAGRAMS
All dimensions are out to out of bars.



SECTION B-B

LAYOUT INFORMATION

Point No.	North Coordinate	East Coordinate	Station	Offset
1	512130.228	493462.412	17+610.974	15.995 Lt.
2	512133.440	493461.296	17+610.974	19.395 Lt.
3	512142.777	493489.033	17+639.867	19.395 Lt.
4	512139.545	493490.087	17+639.867	15.995 Lt.

REINFORCING STEEL

Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
J6-1	#25	246	3320	J6-3	#22	195	2860
J6-2	#25	44	15 540	J6-4	#16	99	1970
J6-5	#16	78	9650				
J6-6	#19	99	3360				
J6-7	#13	99	4300				
J6-8	#29	36	4000				

WALL QUANTITIES

Item	Quantity	Unit
Pressure Grouted Pile (406 mm)	324.0	m
Concrete (Grade 30)(AE)	144.2	m^3
Reinforcing Steel (Grade 420)	11 024	kg
Class III Excavation	131.3	m^3

No.	Revisions	By	Date
1			

CITY OF WICHITA

TYLER NORTHEAST WALL

STA. 17+610.974 TO STA. 17+639.867

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 4-11-2002
i:/1997/97362.001/bridge/tylerrd/NEwall-9