STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54-87 K-6657-01	2002	347	1122

LAYOUT INFORMATION

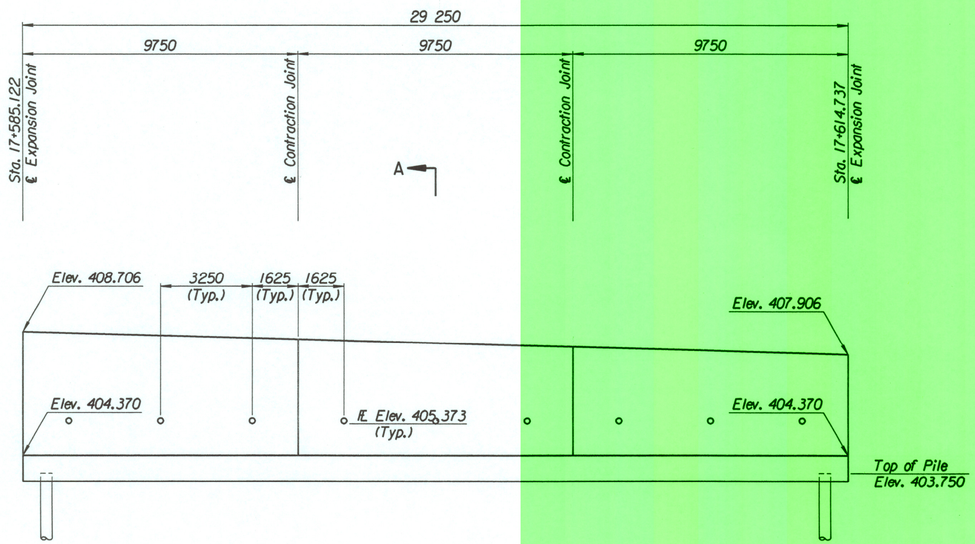
Point No.	North Coordinate	East Coordinate	Station	Offset
1	512088.217	493449.994	17+585.122	19.395 Rt.
2	512091.409	493448.824	17+585.122	15.995 Rt.
3	512101.227	493476.428	17+614.737	15.995 Rt.
4	512098.013	493477.536	17+614.737	19.395 Rt.

REINFORCING STEEL

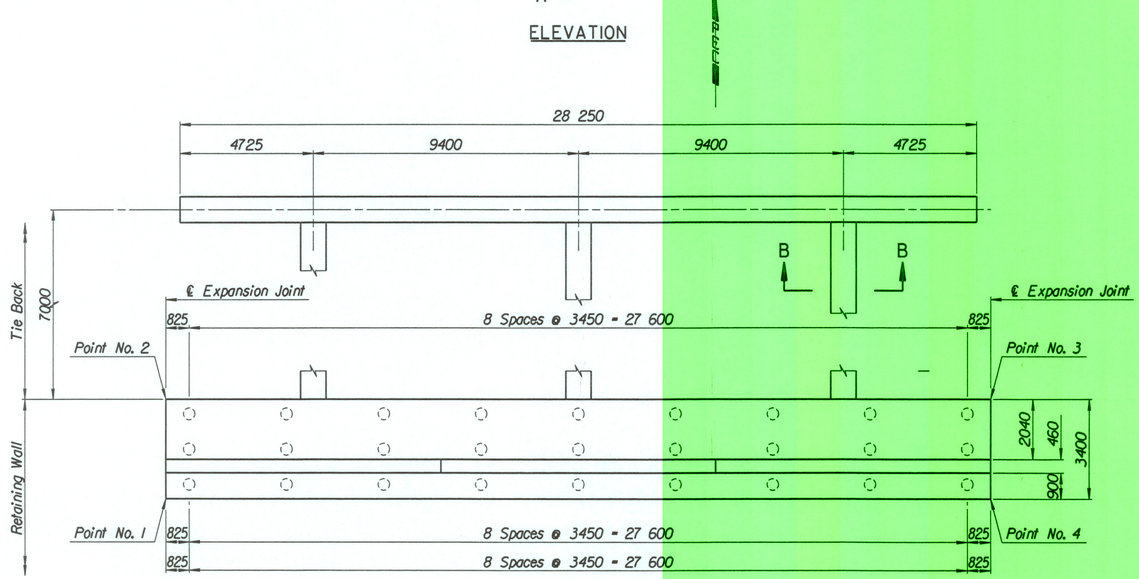
Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
H7-1	#25	246	3320	H7-3	#22	195	2810
H7-2	#25	44	15 540	H7-4	#16	99	1970
H7-5	#16	78	9650				
H7-6	#19	99	3390				
H7-7	#13	99	4280				
H7-8	#29	36	4000				

WALL QUANTITIES

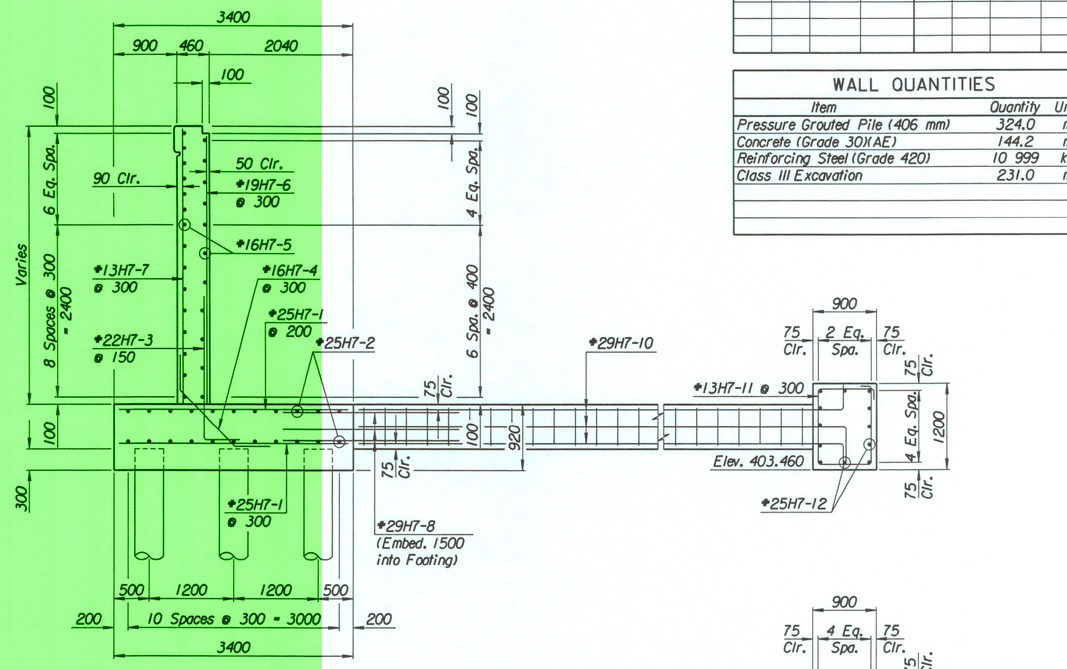
Item	Quantity	Unit
Pressure Grouted Pile (406 mm)	324.0	m
Concrete (Grade 30)(AE)	144.2	m^3
Reinforcing Steel (Grade 420)	10 999	kg
Class III Excavation	231.0	m^3



ELEVATION



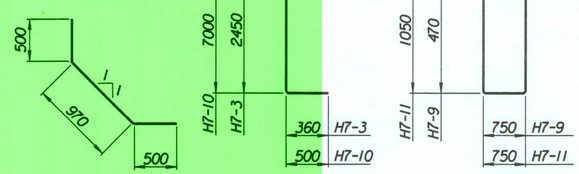
PLAN



SECTION A-A

SECTION B-B

Note:
Field Cut #13H7-7 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
H7-12	#25	24	15 040	H7-9	#13	66	2740
				H7-10	#29	36	7500
				H7-11	#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 SOUTHEAST WALL

STA. 17+585.122 TO STA. 17+614.737

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 3-22-2002
i:/1997/97362/001/bridge/tylerrd/SEwall-8