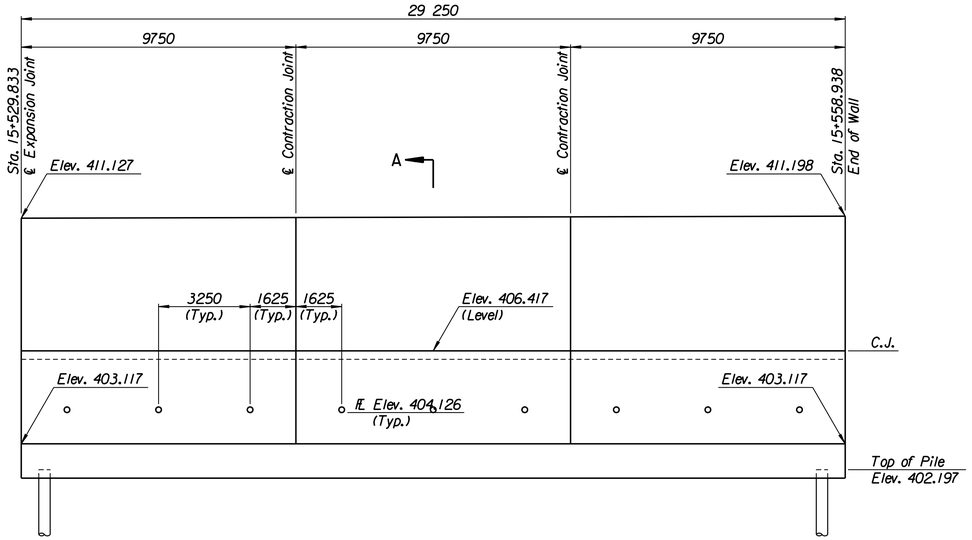
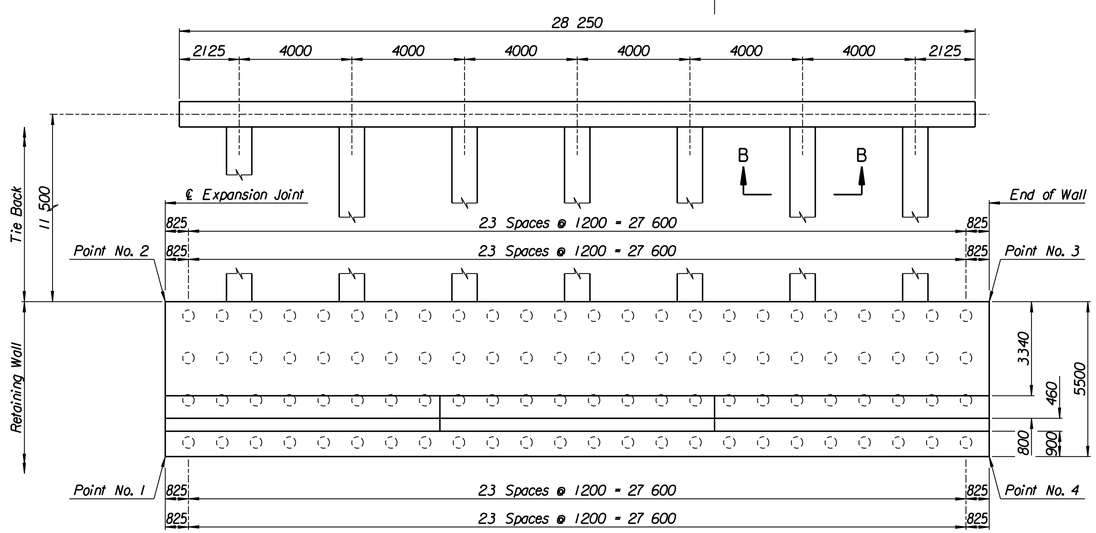
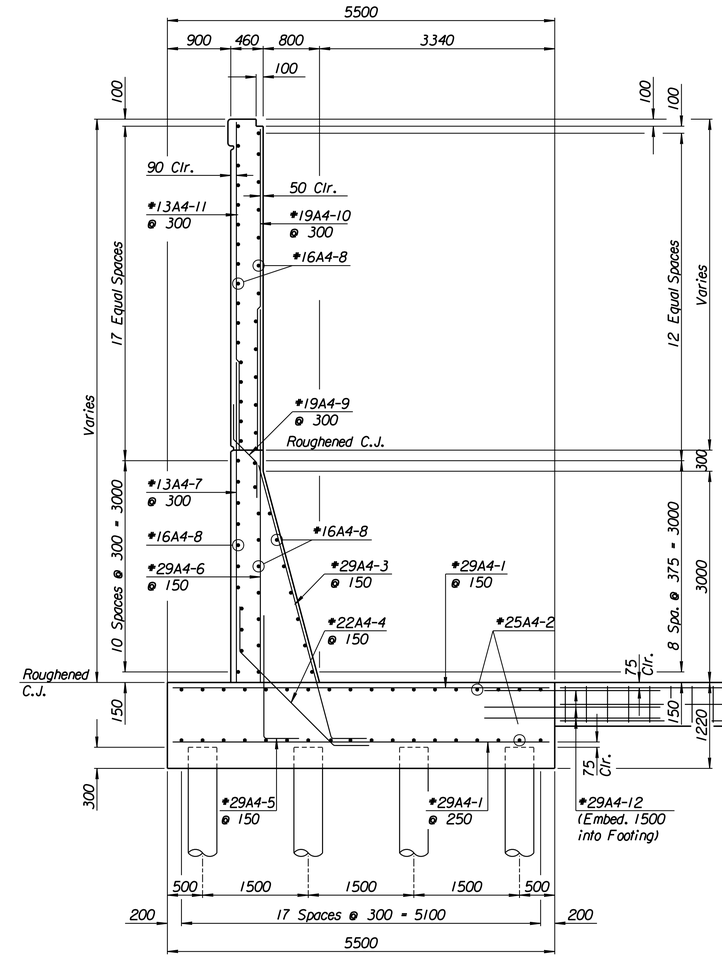
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54-87 K-6657-01	2002	303	1122



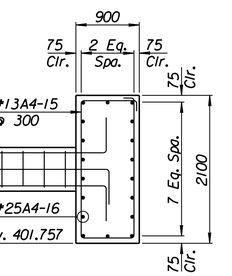
ELEVATION

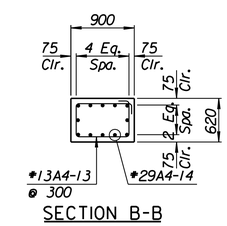


PLAN

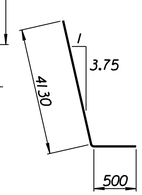


SECTION A-A

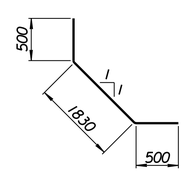




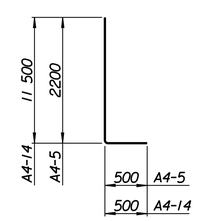
SECTION B-B



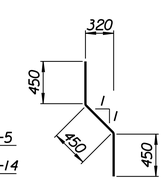
A4-3



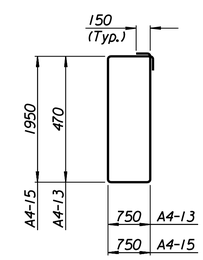
A4-4



A4-5, A4-14



A4-9



A4-13, A4-15

BENDING DIAGRAMS
All dimensions are out to out of bars.

RECORD DRAWING

LAYOUT INFORMATION

Point No.	North Coordinate	East Coordinate	Station	Offset
1	511352.507	491535.053	15+529.833	19.395 Rt.
2	511357.932	491534.148	15+529.833	13.895 Rt.
3	511362.851	491562.945	15+558.938	13.895 Rt.
4	511357.434	491563.892	15+558.938	19.395 Rt.

REINFORCING STEEL

Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
A4-1	#29	312	5420	A4-3	#29	195	4630
A4-2	#25	72	15 540	A4-4	#22	195	2830
				A4-5	#29	195	2700
A4-6	#29	195	5220				
A4-7	#13	99	3980	A4-9	#19	99	1350
A4-8	#16	168	9650				
A4-10	#19	99	4560				
A4-11	#13	99	4660				
A4-12	#29	84	4000				

WALL QUANTITIES

Item	Quantity	Unit
Pressure Grouted Pile (406 mm)	1152.0	m
Concrete (Grade 30)(AE)	339.3	m^3
Reinforcing Steel (Grade 420)	33 438	kg
Class III Excavation	334.4	m^3

TIE BACK REINFORCING STEEL

Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
A4-16	#25	36	15 040	A4-13	#13	259	2740
				A4-14	#29	84	12 000
				A4-15	#13	94	5700

TIE BACK QUANTITIES

Item	Quantity	Unit
Concrete (Grade 30)(AE)	96.6	m^3
Reinforcing Steel (Grade 420)	8490	kg

No.	Revisions	By	Date
1			

CITY OF WICHITA

MAIZE SOUTHWEST WALL

STA. 15+529.833 TO STA. 15+558.938

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	Apr. 2002	Job No. 97362

Drawn by: wll
Plotted by: drp 3-25-2002
I:/1997/97362/As-Builts/dgns/Vol 2/Sh 303-Maize-SWwall-12.dgn Last Rev: 8-22-07 By: gdr