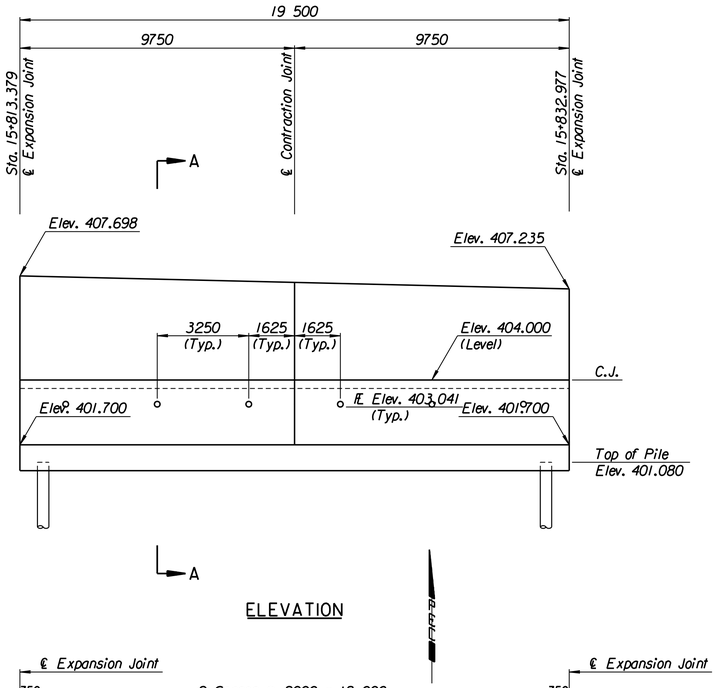
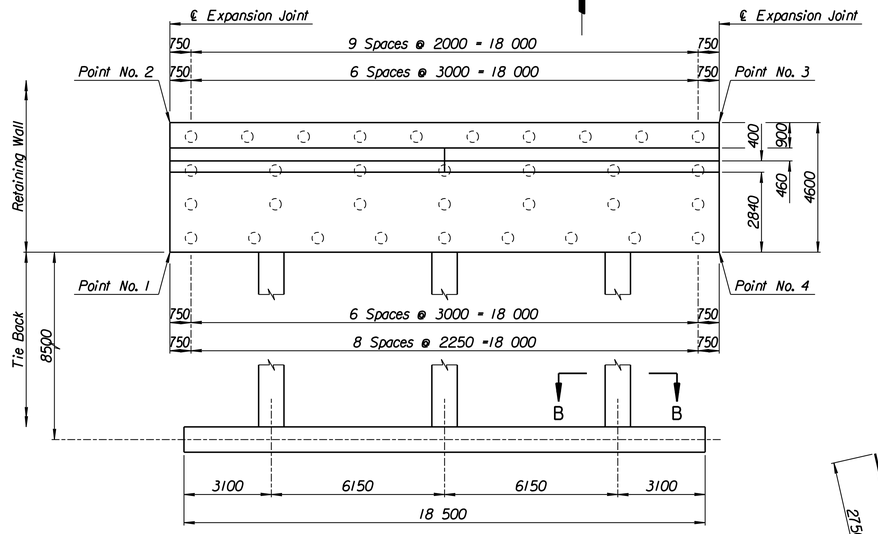
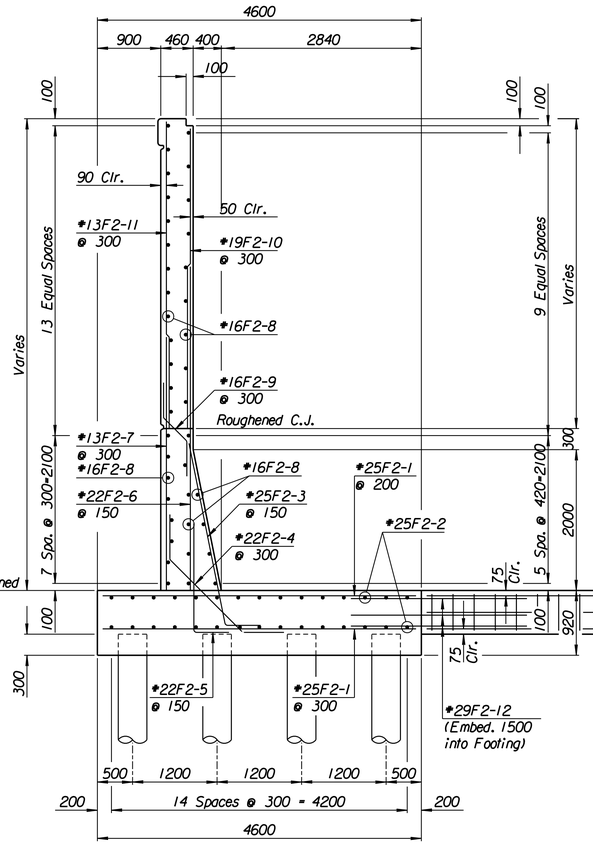
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54-87 K-6657-01	2002	286	1122



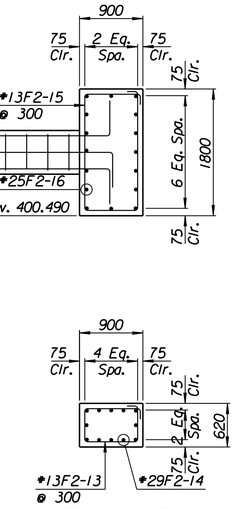
ELEVATION



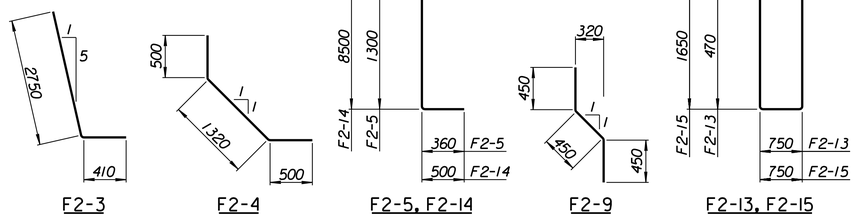
PLAN



SECTION A-A



SECTION B-B



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
F2-16	#25	32	10 170	F2-13	#13	81	2740
				F2-14	#29	36	9000
				F2-15	#13	63	5100

TIE BACK QUANTITIES		
Item	Quantity	Unit
Concrete (Grade 30)(AE)	43.4	m^3
Reinforcing Steel (Grade 420)	3472	kg

LAYOUT INFORMATION				
Point No.	North Coordinate	East Coordinate	Station	Offset
1	511443.317	491805.939	15+813.379	14.795 Lt.
2	511447.783	491804.837	15+813.379	19.395 Lt.
3	511452.504	491823.752	15+832.977	19.395 Lt.
4	511448.044	491824.878	15+832.977	14.795 Lt.

REINFORCING STEEL							
Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
F2-1	#25	164	4520	F2-3	#25	130	3160
F2-2	#25	60	10 670	F2-4	#22	66	2320
				F2-5	#22	130	1660
F2-6	#22	130	3870				
F2-7	#13	66	3370	F2-9	#16	66	1350
F2-8	#16	80	9650				
F2-10	#19	66	3080				
F2-11	#13	66	3180				
F2-12	#29	36	4000				

WALL QUANTITIES		
Item	Quantity	Unit
Pressure Grouted Pile (406 mm)	396.0	m
Concrete (Grade 30)(AE)	141.9	m^3
Reinforcing Steel (Grade 420)	12 723	kg
Class III Excavation	156.8	m^3

No.	Revisions	By	Date
1			

CITY OF WICHITA

MAIZE NORTHEAST WALL

STA. 15+813.379 TO STA. 15+832.977

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

RECORD DRAWING

Drawn by: wll
Plotted by: drp 3-25-2002
h:/1997/97362/As-Builts/dgn's/Vol 2/Sh 286-Maize-NEwall-3.dgn Last Rev: 8-22-07 By: gdr