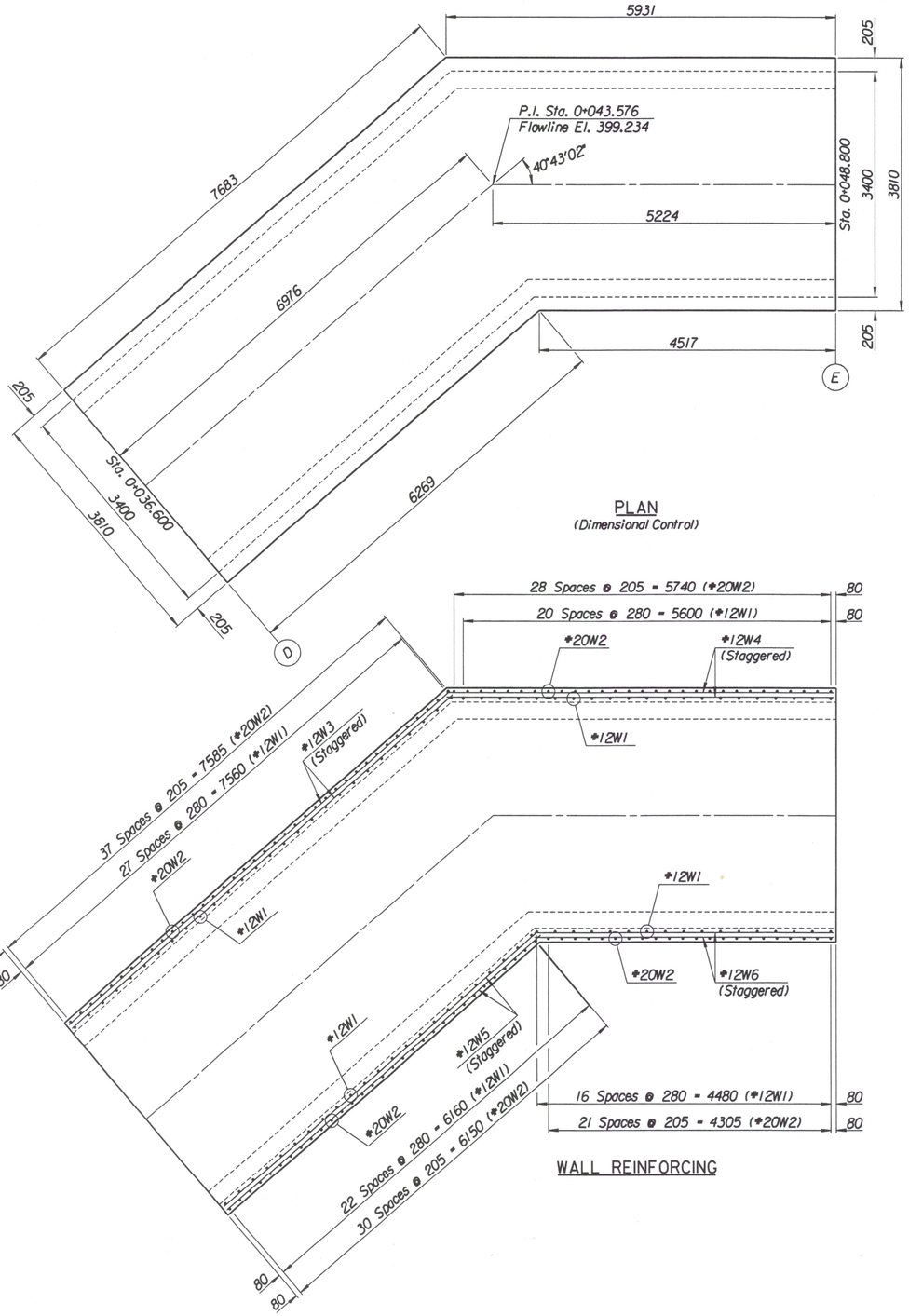
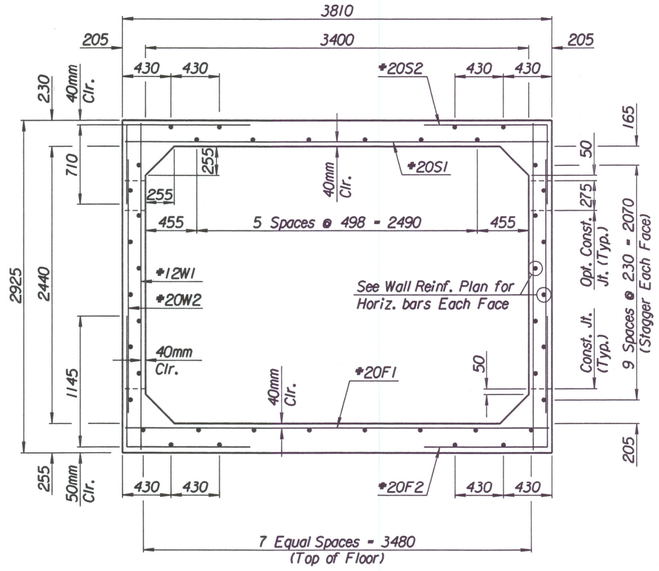
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54-87 K-6657-01	2002	414	1122



PLAN
(Dimensional Control)

WALL REINFORCING

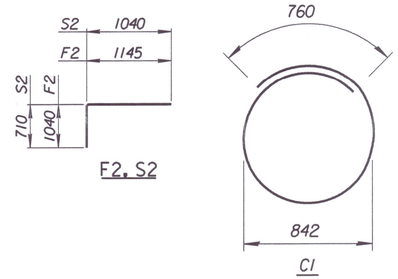


TYPICAL SECTION

PIPE OPENING DETAILS

Pipe opening detail is typical for any pipe opening from (A) to (Z). Reinforcing indicated in schedule is a summation for pipe locations in the referenced locations.

INLET PIPES INTO BOXES			
Station	Pipe Size (mm)	℄	Location
0+066.795	375	401.154	(F) to (G)
0+123.795	375	401.259	(K) to (L)
0+267.281	375	401.523	(V) to (W)
0+267.281	375	401.516	(V) to (W)
0+225.660	1500	400.216	(S) to (T)



S9 Varies from 3720 to 3960 by 60mm incr. Cut 2 Each Length

F9 Varies from 3720 to 3960 by 60mm incr. Cut 2 Each Length

F9, S9

BENDING DIAGRAMS
Dimensions are out to out of bars

REINFORCING STEEL							
Straight Bars				Bent Bars			
Mark	No.	Size	Length	Mark	No.	Size	Length
F1	75	*20	3710	F2	120	*20	2185
F4	8	*12	7640				
F5	4	*12	7620	S2	120	*20	1750
F6	4	*12	5920				
F8	8	*12	5890				
F9	9	*20	Varies				
S1	75	*20	3710				
S4	6	*12	7640				
S5	4	*12	7620				
S6	4	*12	5920				
S8	6	*12	5890				
S9	9	*20	Varies				
S10	4	*20	3750				
W1	89	*12	2820				
W2	120	*20	2235	C1	1	*20	3410
W3	10	*12	7620				
W4	10	*12	5890				
W5	10	*12	6270				
W6	10	*12	4470				
X1	16	*12	700				
X2	4	*20	2060				

SUMMARY OF QUANTITIES		
Item	Quantity	Unit
Class AAA Concrete	36.3	m^3
Reinforcing Steel (Grade 420)	4162	kg

Note:
See Plan Profile Sheets for location of this R.F.B. Section.

See Sheet No. 413 for General Notes.

No.	Revisions	By	Date
1			

CITY OF WICHITA

SPECIAL 3.4x2.4x12.2M R.F.B. SECTION AT P.I.

KELLOGG (US-54)
SEDGWICK COUNTY

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	R.W.A.	Checked by	R.A.S.	
Drawn by	W.L.L.	Date	April, 2002	Job No. 97362

Drawn by: wll
Plotted by: ros 2-8-2002
i:/1991/97362/001/rcb/34bend