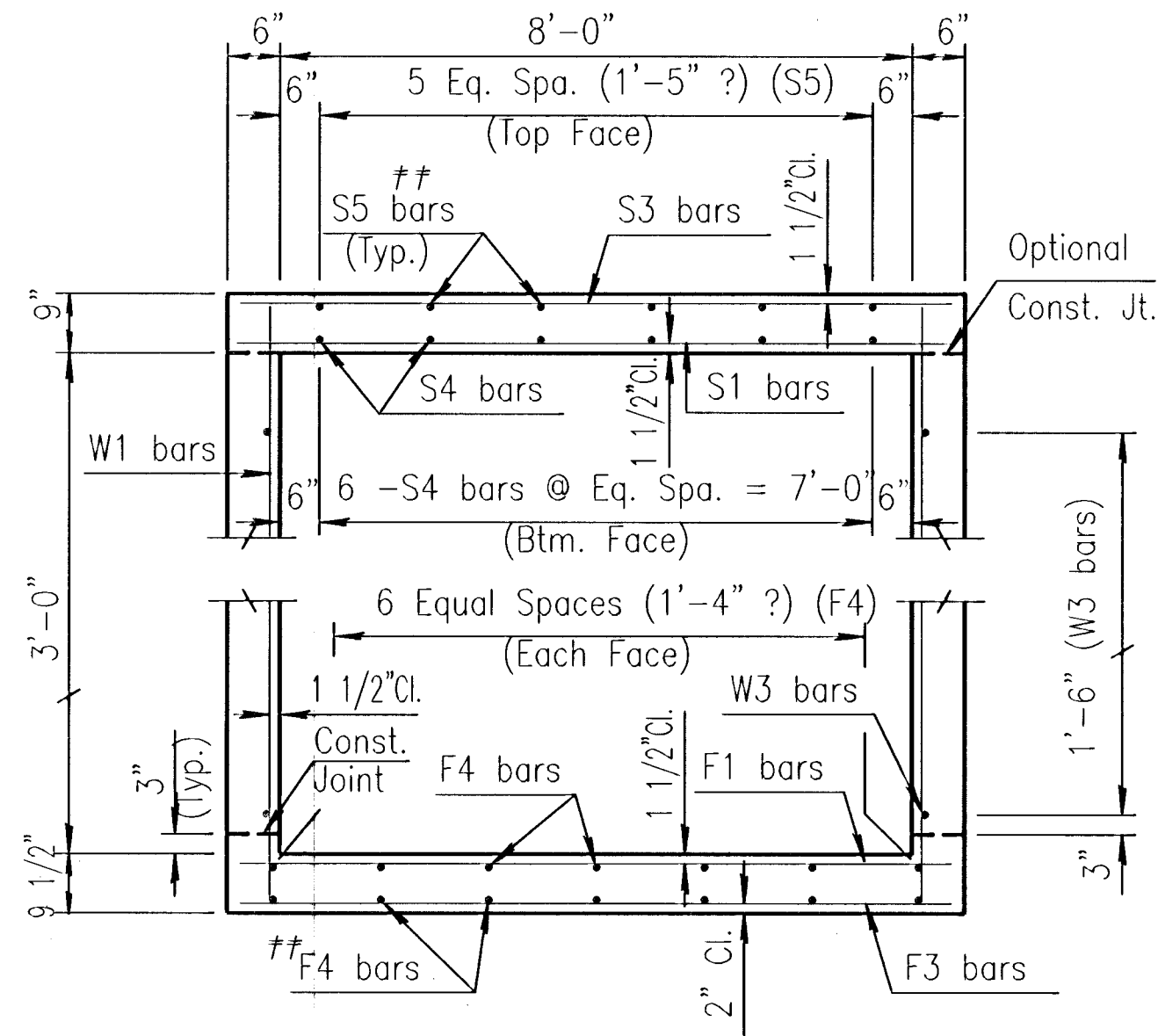
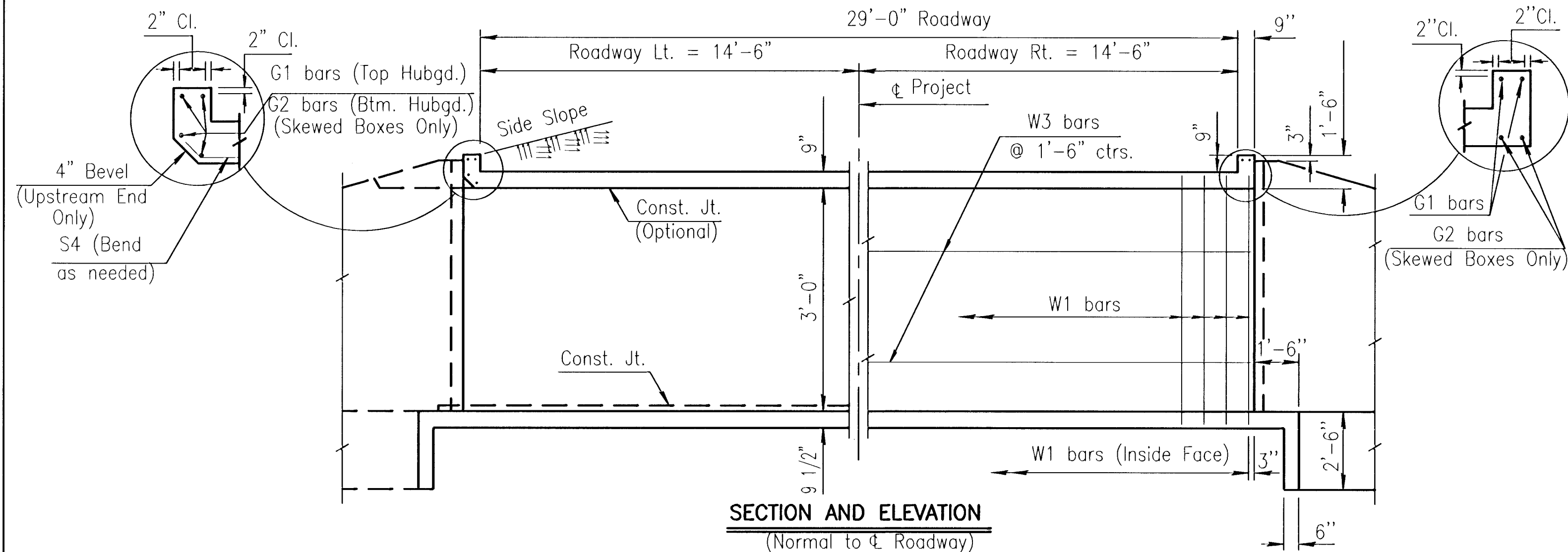
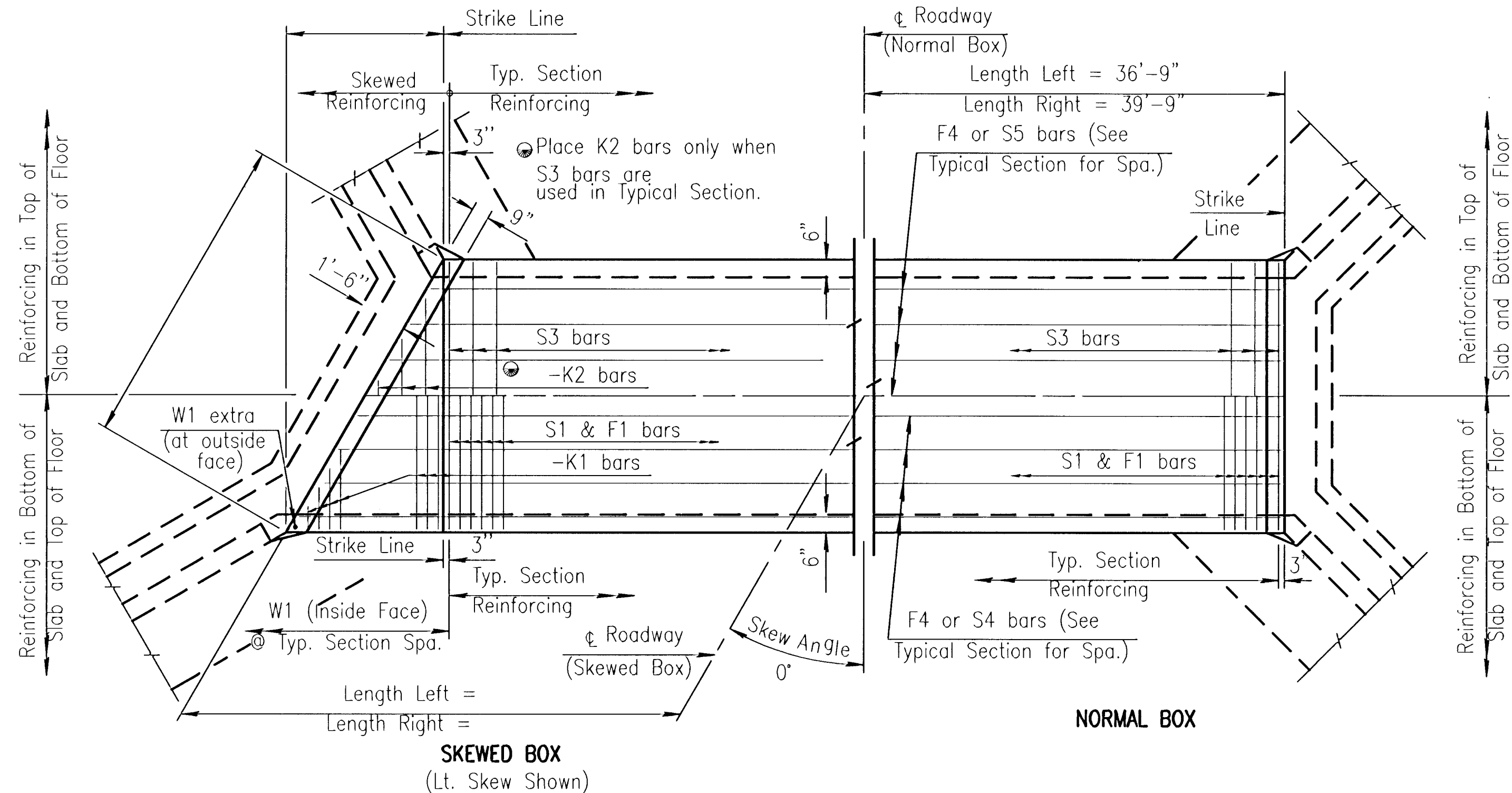




Note:
S3 bars omitted unless grade box or slab thickness is greater than or equal to 12".

Note:
F3 bars omitted unless floor thickness is greater than or equal to 12".

** Omit S5 bars when S3 bars are omitted and omit the bottom layer of F4 bars when F3 bars are omitted.



CULVERT SUMMARY											
Flow Line Elev. Lt.	Flow Line Elev. Rt.	Crown Gr. Elev.	Design Fill Ht.	Skew	Left Wings	Right Wings	Scour Apron	Soil Saver	Concrete	Reinf. Steel (Gr. 60)	
									Barrel (Cu.Yds.)	Wings (Cu.Yds.)	Total (Cu.Yds.)
1324.80	1325.20	1330.87	3	0	FLARED	FLARED	YES	NO	48.17	9.16	57.33
									5479	604	6083

BAR SCHEDULE																							
F1				F3				F4				Δ S1				Δ S3				Δ S4			
Size	Spa.	No.	Length	Size	Spa.	No.	Length	Size	Spa.	No.	Length	Size	Spa.	No.	Length	Size	Spa.	No.	Length	Size	Spa.	No.	Length
6	6"	153	8'-8"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4	14	38'-9"	6	6"	153	8'-8"	N/A	N/A	N/A	N/A	N/A
Δ K1				Δ K2				W1				W3				Δ G1				Δ G2			
Size	Spa.	No.	Length	Size	Spa.	No.	Length	Size	Spa.	No.	Length	Size	Spa.	No.	Length	Size	Spa.	No.	Length	Size	Spa.	No.	Length
N/A	N/A	N/A		N/A	N/A	N/A		4	9"	204	4'-3"	N/A	N/A	N/A	N/A	4	8	38'-9"	N/A	N/A	N/A	N/A	N/A

Minimum Splice Lengths	
#4	1'-4"
#5	1'-8"
#6	2'-0"

SUMMARY OF QUANTITIES		
Concrete (Grade 4.0)	37.8	C.Y.
Concrete (Grade 4.0)(AE)	19.5	C.Y.
Reinforcing Steel (Gr. 60)	3740	Lbs.
Reinforcing Steel (Epoxy Coated)	2340	Lbs.
Class III Excavation		C.Y.
Foundation Stabilization (Set)	1	C.Y.
Concrete for Seal Course (Set)	1	C.Y.
Granular Backfill (Wingwalls) (Set)	1	C.Y.

DESIGNED BY: JNU/JPD
DRAWN BY: JPD
DATE: 1694J
FEE JOB NO.: 1694J
DATE: January 2006

REVISIONS

BY: APP'D

NO. DATE

DESIGNED: DETAIL CK. QUANTITIES: TRACED CK. DESIGN CK. TRACE CK.

BR-1.8.3-P

Sedgwick Co.

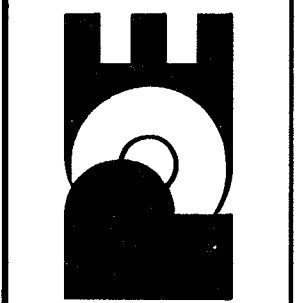
Sta. 0+67.71

SINGLE 8 ft x 3 ft RCB

Sheet 60 of 78

EQUESTRIAN ESTATES ADDITION - PHASE 2
STREET IMPROVEMENTS
RCB DETAILS
CITY OF WICHITA, KANSAS
JAMES L. ARMOUR, P.E. - CITY ENGINEER
C.O.W. Project # 472-83430 O.C.A. # 765969

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5940 E. Central, Suite 200 - Wichita, KS 67208-4242
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FINAL