

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS		19	11	46

GENERAL NOTES

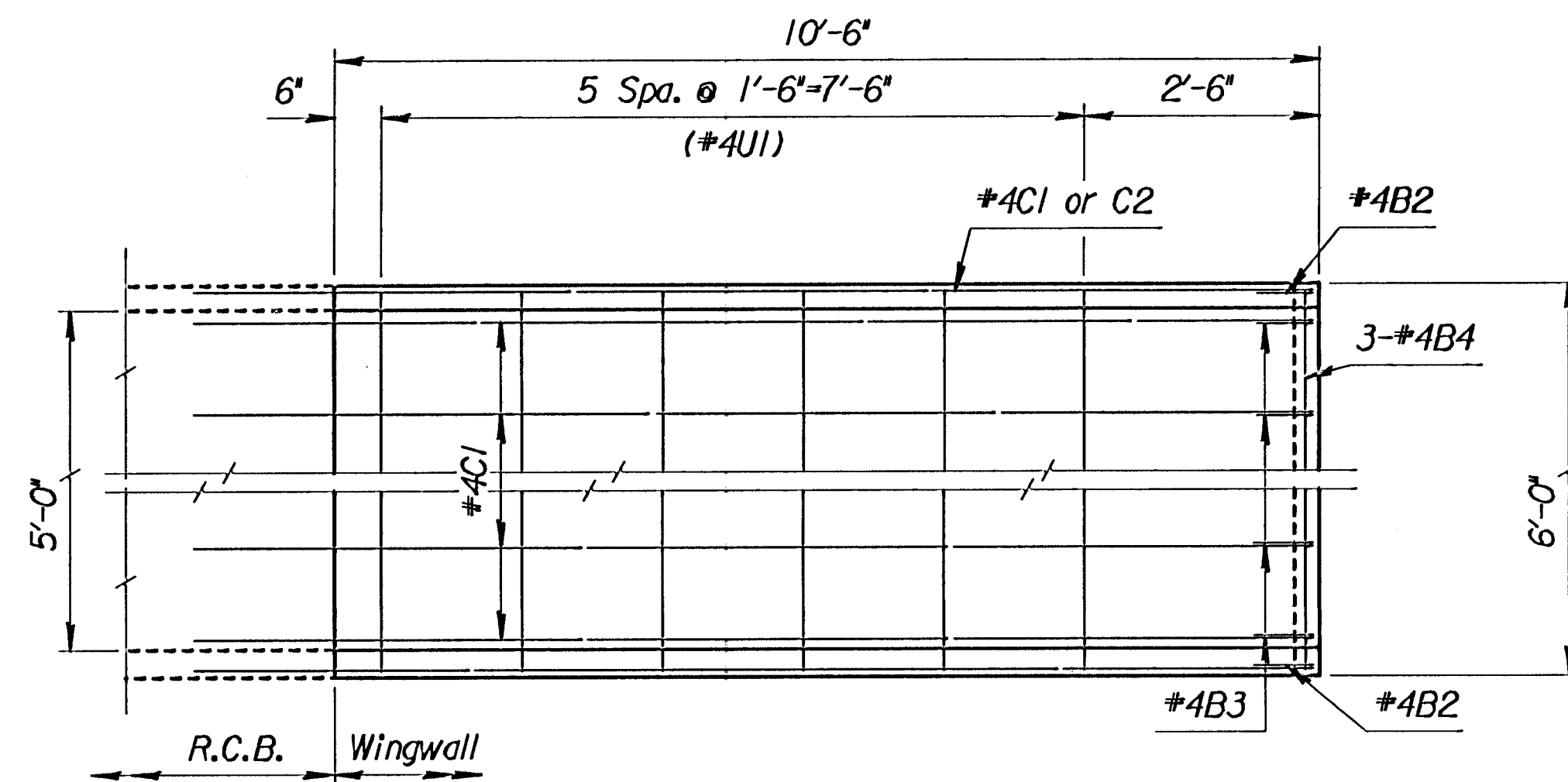
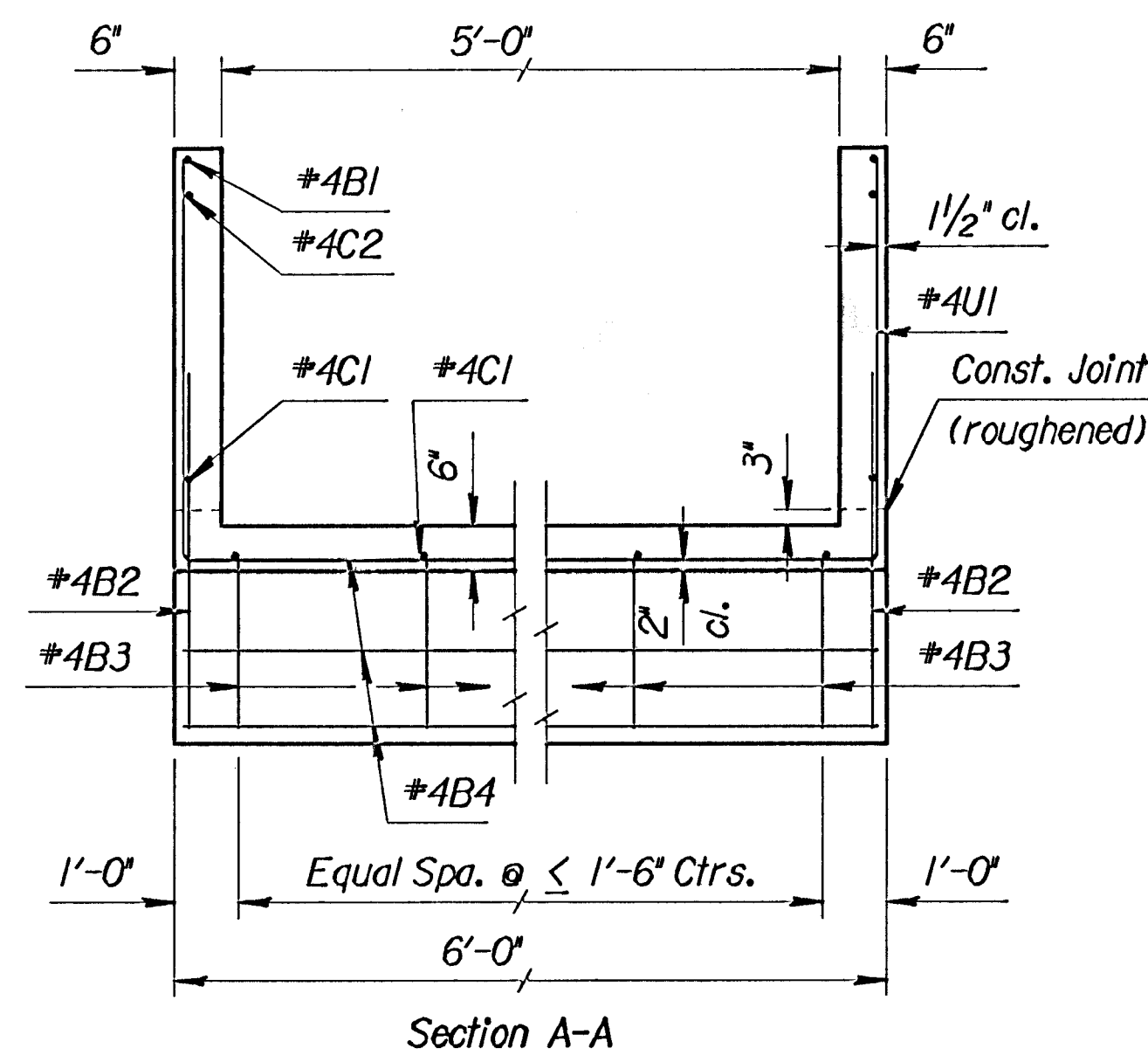
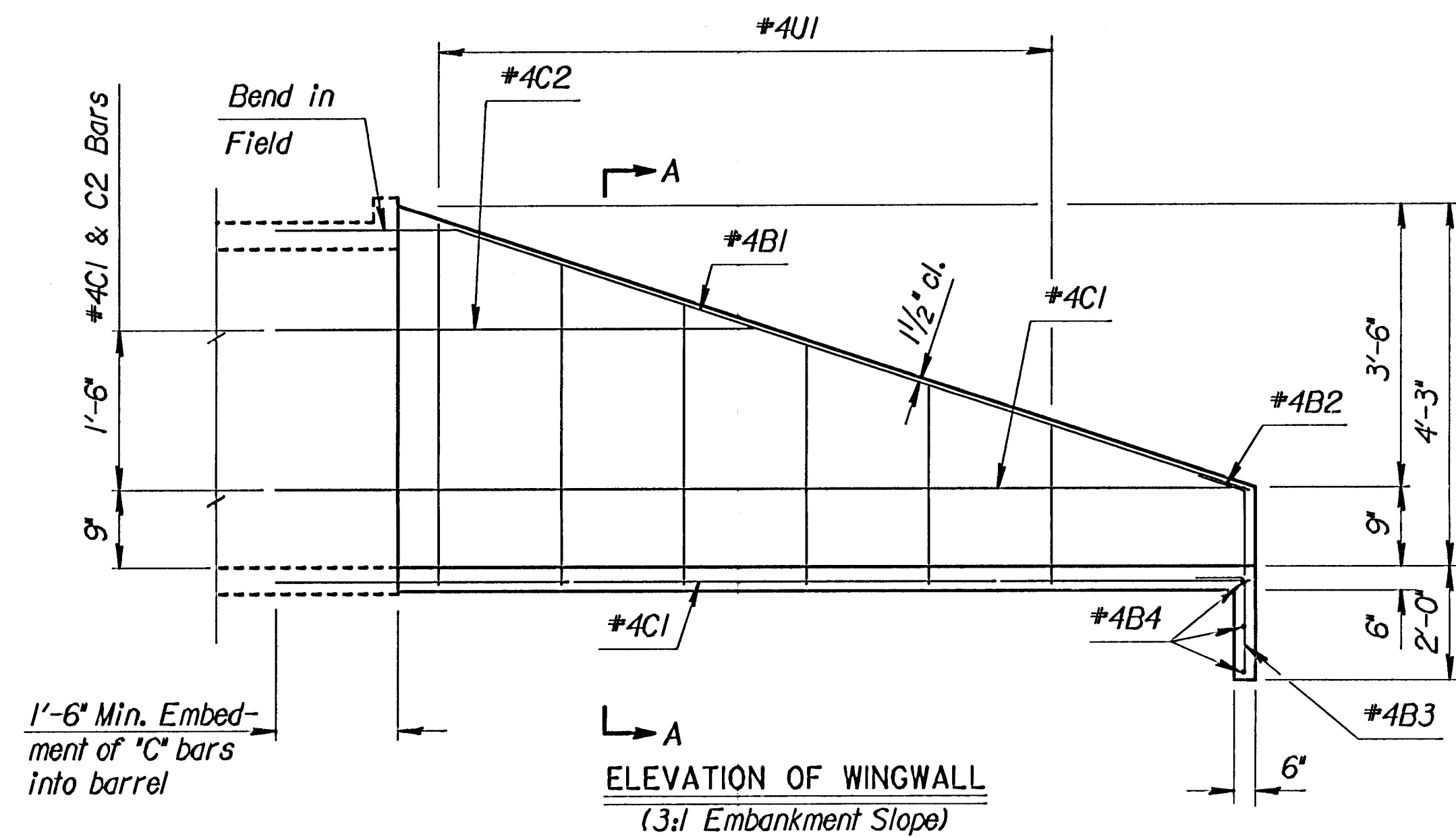
UNIT STRESSES: Class AAA Concrete; $f'_c = 4,000$ p.s.i.
Reinforcing Steel; $f_y = 60,000$ p.s.i.

CONCRETE: Class AAA Concrete shall be used throughout. Bevel all exposed edges with a $\frac{3}{4}$ inch triangular moulding.

REINFORCING: All reinforcing shall conform to ASTM A615, Grade 60. Welded wire fabric shall conform to ASTM A185. Wire fabric shall be electrically welded and shall be composed of 6x6-W1.4xW1.4 welded wire fabric and shall be classified as pounds of reinforcing.

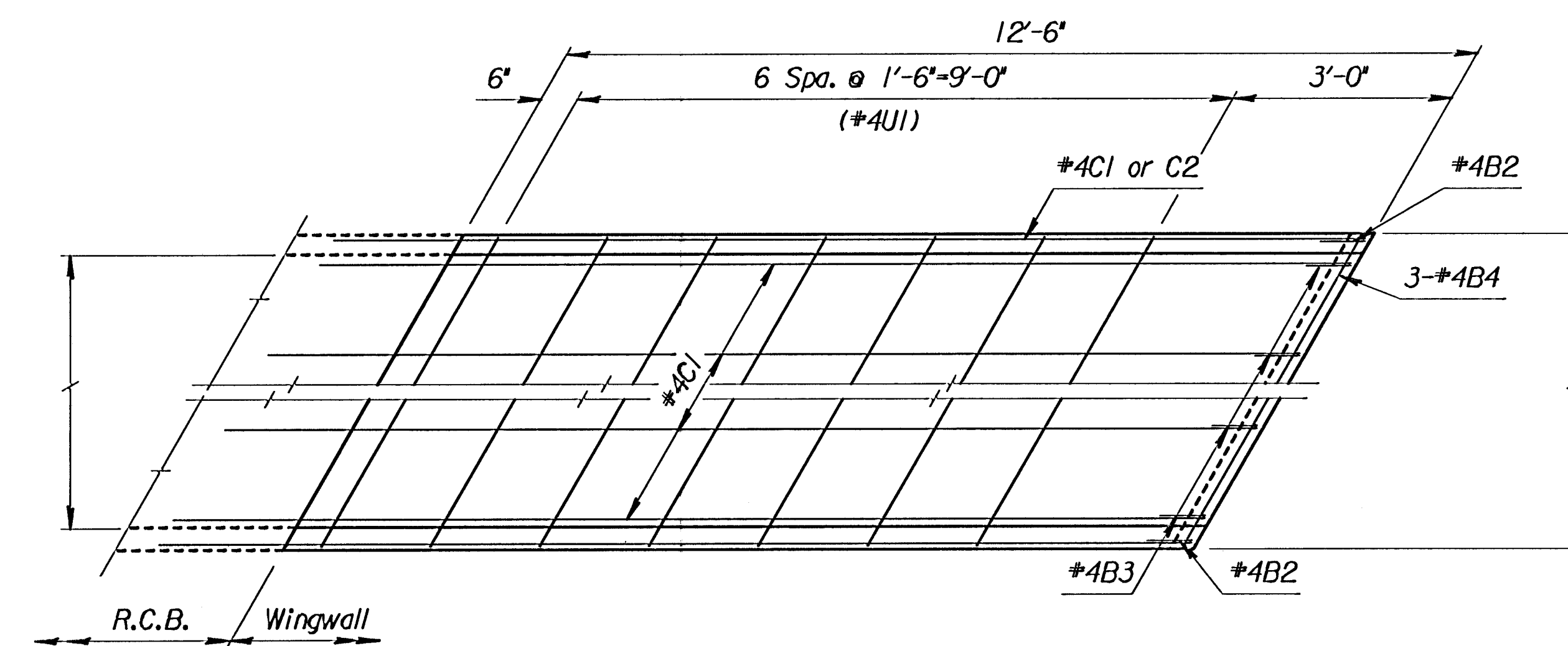
QUANTITIES: Wingwall Quantities include all quantities outside the neat lines of the box, excluding the hubguard.

FOUNDATION AND BACKFILL MATERIAL: Soils judged as high plasticity clays, fat clays, expansive clays, or organic clays are unsuitable for foundation and/or backfill material for wingwalls and will not be used. Where these conditions exist, Foundation Stabilization and/or Granular Backfill (Wingwalls) shall be used as determined by the Engineer. See "RCB Auxiliary Details" sheet for additional details.



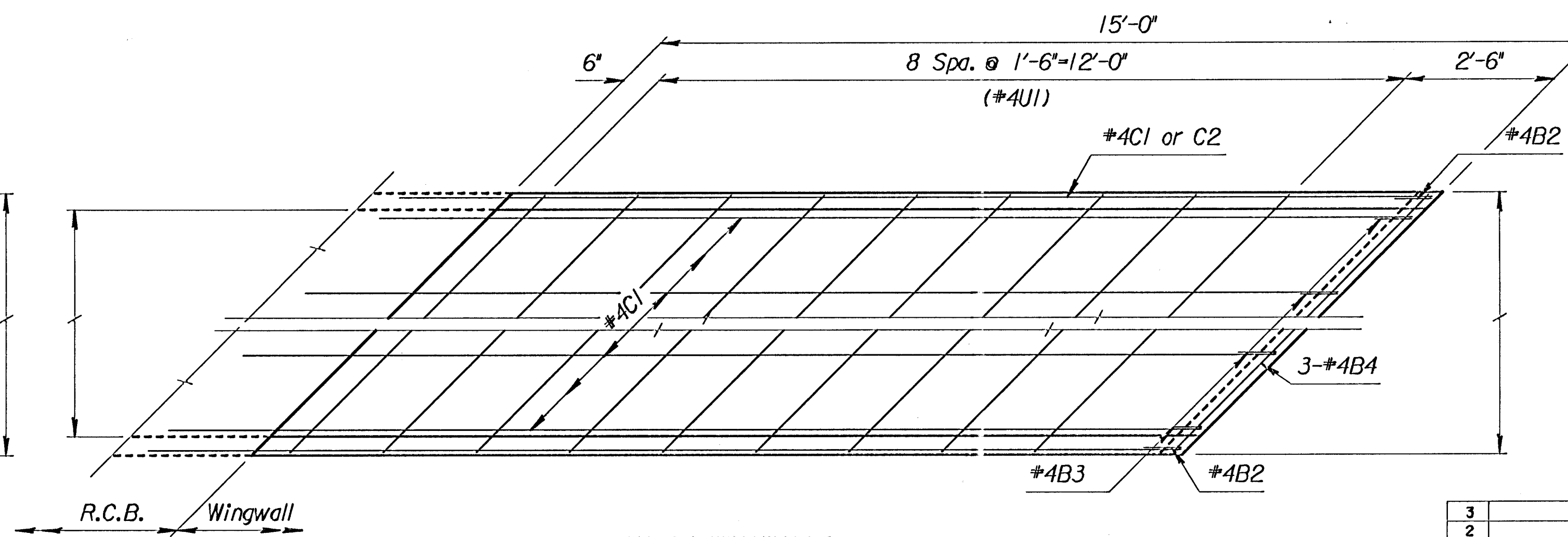
PLAN OF WINGWALLS

(Normal RCB)



PLAN OF WINGWALLS
(30° Skewed RCB)

NOTE:
Wingwall floor and toewall shall be constructed with the RCB floor.
Wingwalls to be constructed with RCB walls.



PLAN OF WINGWALLS
(45° Skewed RCB)

WINGWALL QUANTITIES (One End Only)		
Class AAA Concrete	2.31	Cu
Reinforcing Steel	145.23	Lb.

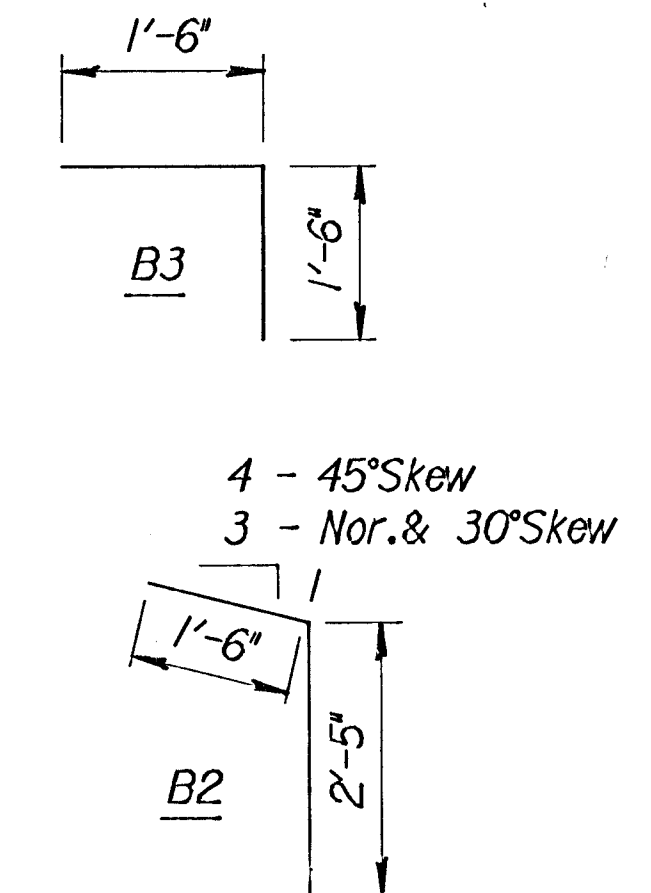
Quantities listed are included in the Summary of Quantities shown on the RCB.

NOTE: Reinforcing Bar List is for both wings at one end of box only.	#4 B1		#4 B2 *		#4 B3 *		#4 B4				#4C1		#4C2				#4U1 *			
	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length
0 ° Skew	2	12'-6"	2	3'-11"	4	3'-0"	3	5'-7"	0		6	11'-10"	2	7'-2"			6	*		

<i>SKEW</i>	<i>INCREMENT</i>
0°	6"
30°	5"
45°	4"

BENDING DIAGRAMS

All dimensions are out to out of bars.



NOTE:
Space Weepholes to clear
reinforcing steel. See
"RCB Auxiliary Details" sheet
for additional weephole details.

3				
2				
1				
NO.	DATE	REVISIONS	BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION
Sta. 251+50.42

STRAIGHT WINGWALLS
3 FT. RISE (0°SKEW)

BR 11.00.03 **SEDGWICK CO.**

FHWA APPROVAL		6-5-91	APP'D	KENNETH F. HURST
DESIGNED	DETAILED	QUANTITIES		TRACED
DESIGN CK.	DETAIL CK.	QUAN.CK.		TRACE CK.