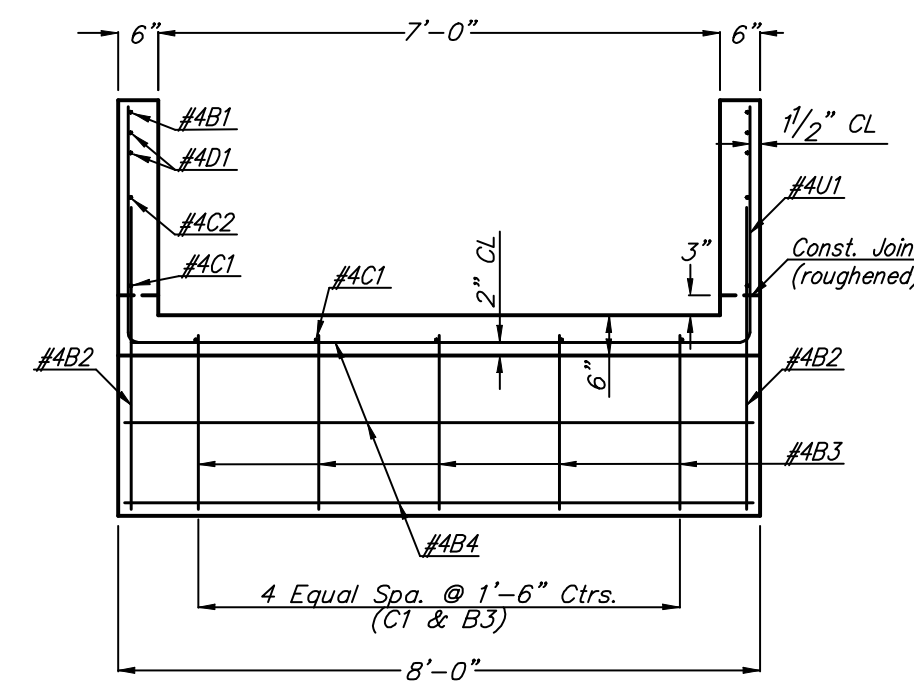


ELEVATION OF WINGWALLS



SECTION A-A

GENERAL NOTES

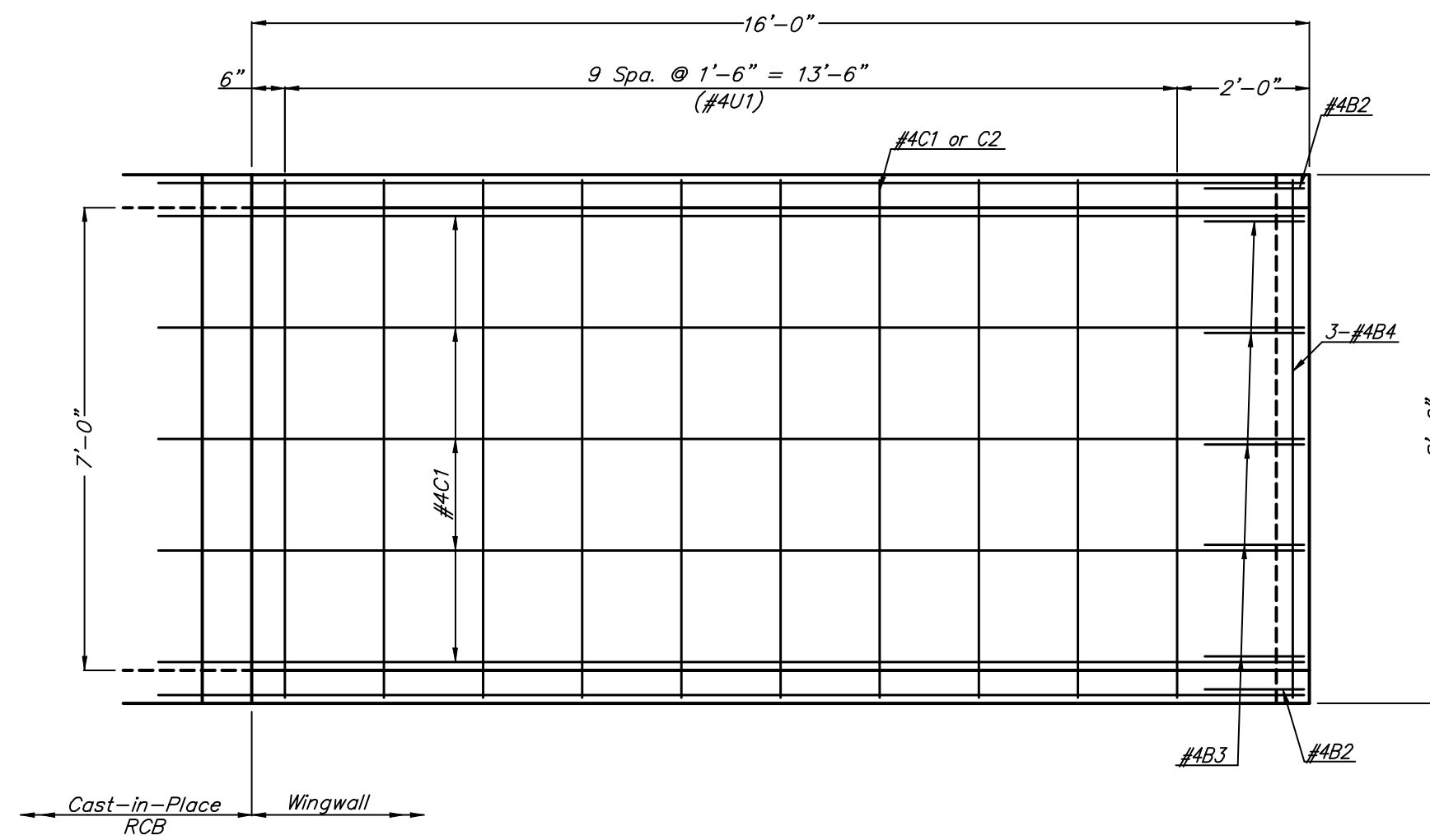
UNIT STRESSES: Grade 4.0 Concrete; $f'_c = 4,000$ p.s.i.
Reinforcing Steel; $f_y = 60,000$ p.s.i.

CONCRETE: Grade 4.0 Concrete shall be used throughout. Bevel all exposed edges with a 1/2 inch triangular moulding.

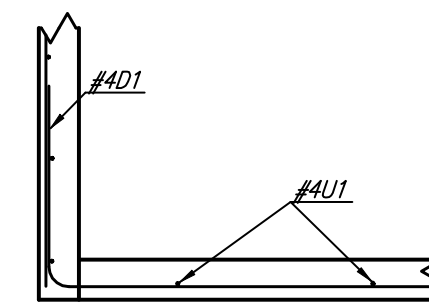
REINFORCING: All reinforcing shall conform to ASTM A615, Grade 60. Welded wire fabric shall conform to ASTM A185. Wire fabric shall be electrically welded and shall be composed of 6x6-W.4xW.4 welded wire fabric and shall be classified as pounds of reinforcing.

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

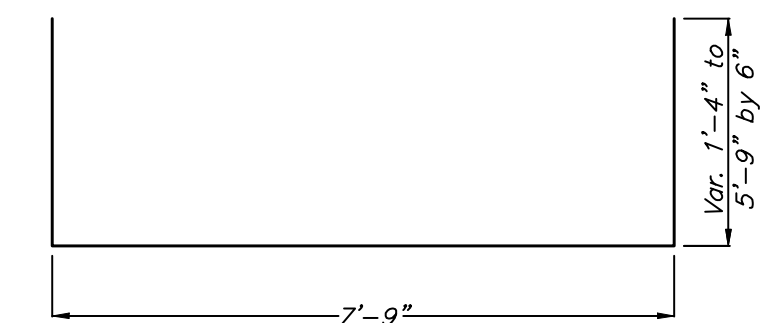
FOUNDATION AND BACKFILL MATERIAL: Soils judged as high plasticity clays, fat clays, expansive clays, or organic clays are unsuitable for foundation and/or backfill material for wingwalls and will not be used. Where these conditions exist, Foundation Stabilization and/or Granular Backfill (Wingwalls)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



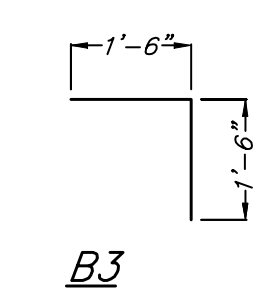
PLAN OF WINGWALLS
(Normal RCB)



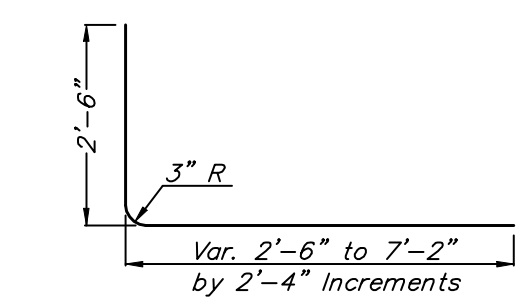
DETAIL OF WINGWALL
ABOVE TOP OF RCB



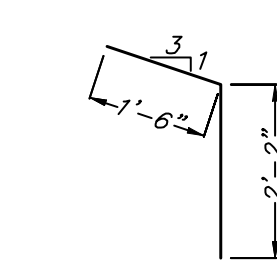
U1



B3



D1



B2

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

BENDING DIAGRAMS
All dimensions are out to out of bars.

Bar Schedule												* See Bending Diagram							
#4 B1	#4 B2	#4 B3	#4 B4	#4 C1	#4 C2	#4 D1	#4 U1												
No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length								
2	16'-8"	2	3'-6"	5	3'-0"	3	7'-8"	0	0"	7	17'-4"	2	14'-3"	6	4'-10"	10	14'-10"		

Summary of Quantities	
Concrete (Grade 4.0)	4.5 C.Y.
Reinforcing Steel (Gr. 60)	279 Lbs

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

Drawing File: F:\eng\29th (Maise-119th)\Detail\Wingwall 1
Design: KK
Drawn: JEB
Approved: JFB
Scale: 1"=30'

Project No. 0403-E828 CAPITAL IMPROVEMENT PROJECT
Straight Wingwall Sta. 62+58.20 Rt. & 62+61.16 Lt.
2.5 ft Rise (0° Skew)
29th Street Paving Project - Main Road to 119th Street

Baughman Company, P.A.
315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE