

GENERAL NOTES

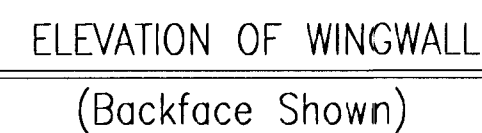
CONCRETE: Class AAA Concrete shall be used throughout. Bevel all exposed edges with a 20 mm triangular moulding.

REINFORCING: All reinforcing shall conform to ASTM A616M-96, Grade 420. Welded Wire Fabric shall conform to ASTM A185M. All dimensions relative to reinforcing steel shall be to centerline of bar unless otherwise noted.

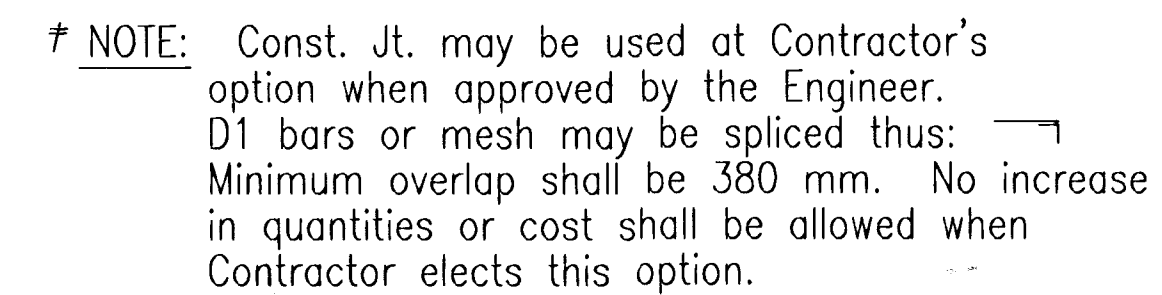
QUANTITIES: Wingwall Quantities include all quantities outside the neat lines of the box, excluding the hubguard.

APRON: A 125 mm concrete slab shall be constructed between the downstream wings in locations subject to scour only when specified on the plans or by the Engineer. Wire Reinforcing mesh shall be electrically welded and shall be composed of 150x150–MW10xMW10 welded wire fabric and shall be classified as kilograms of reinforcing.

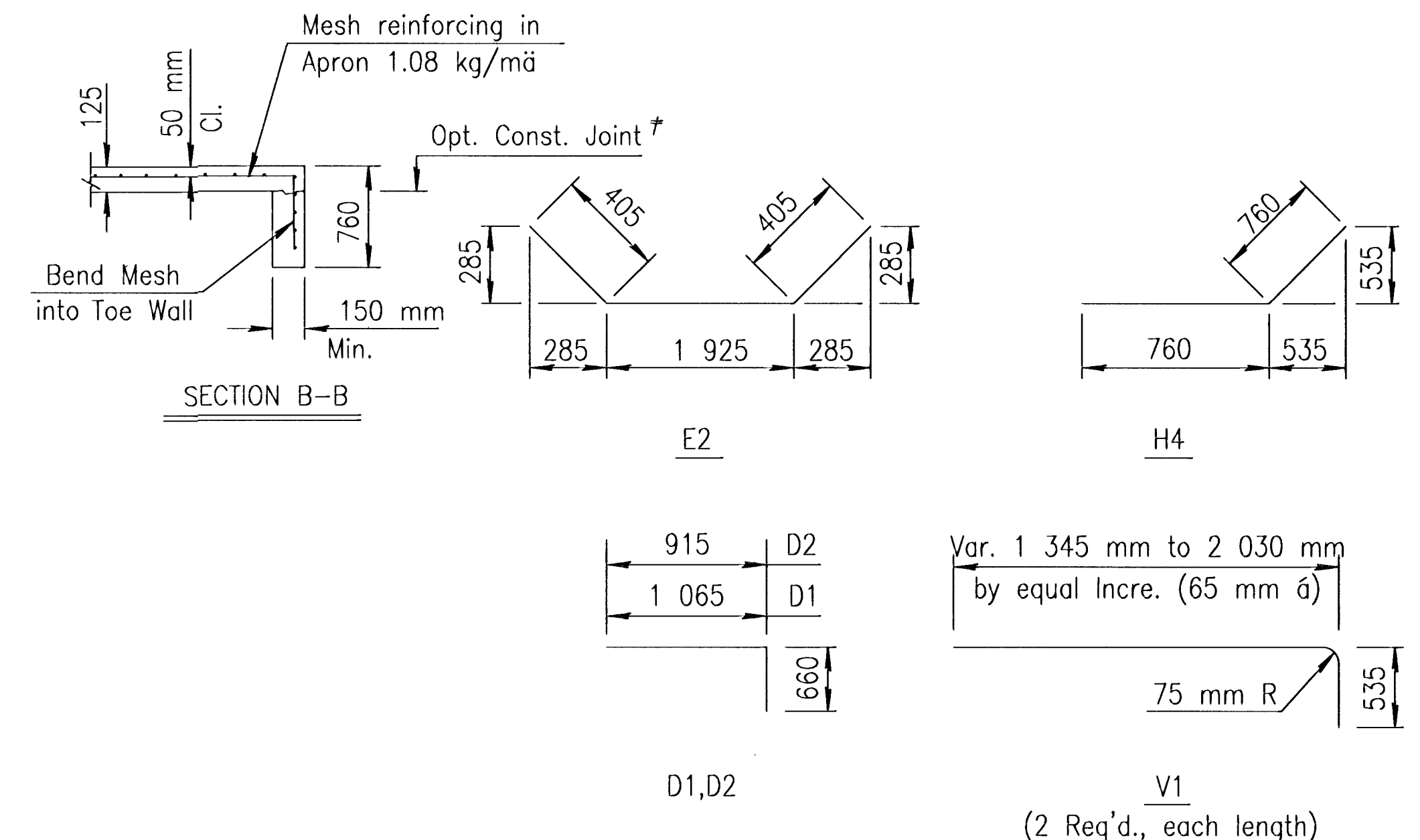
FOUNDATION AND BACKFILL MATERIAL: Soils judged as high plasticity clays, fat clays, expansive clays, or organic clays are unsuitable for foundation and/or backfill material for wingwalls and will not be used. Where these conditions exist, Foundation Stabilization and/or Granular Backfill (Wingwalls)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



See RCB Details for location of construction joint.



NOTE:
EF = Each Face
NS = Near Side
FS = Far Side
CJ = Const. Joint



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

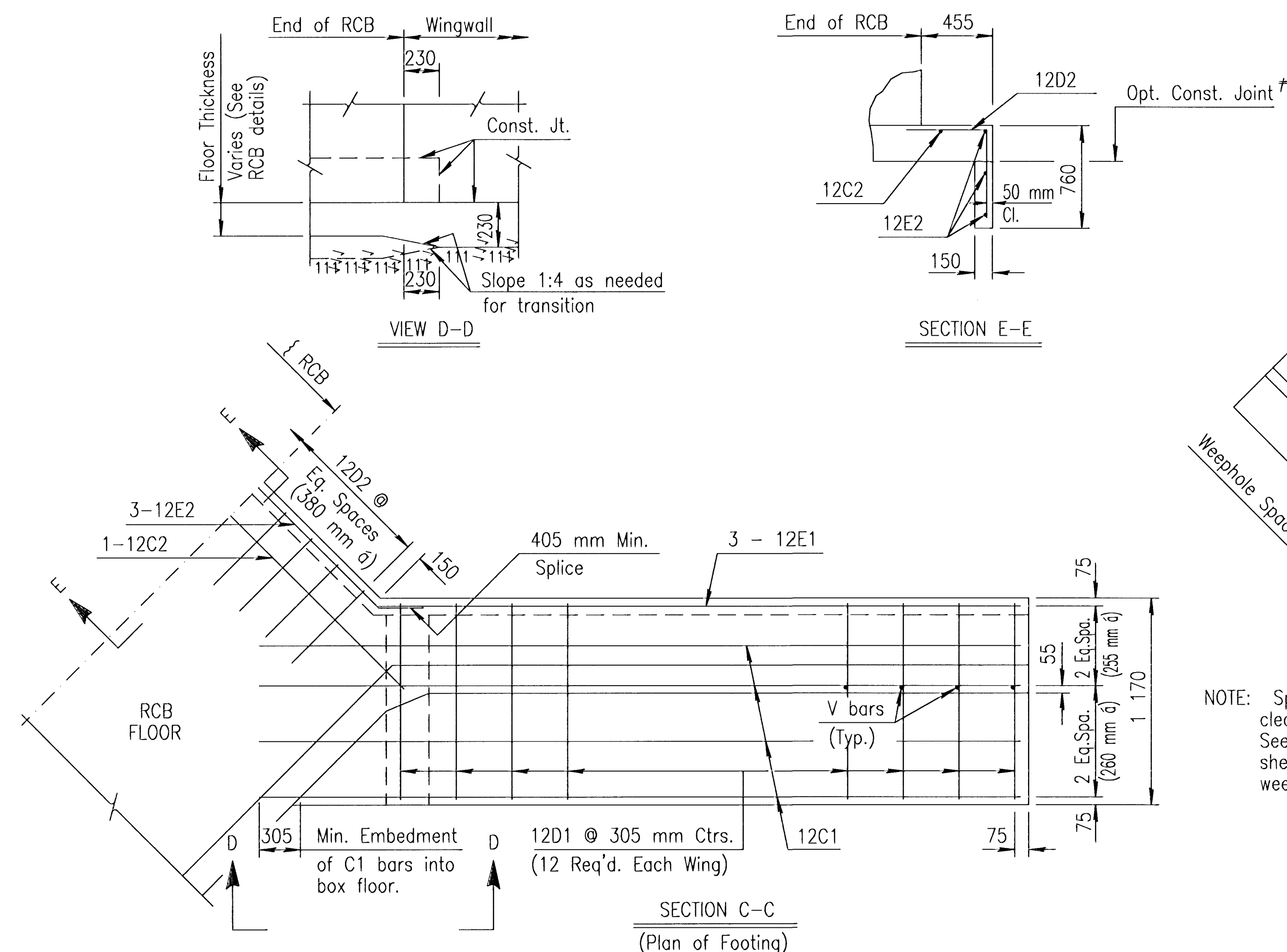
WINGWALL QUANTITIES (One End Only)	
Class AAA Concrete:	
Wingwalls	— — — — — 5.0 m
Apron	— — — — — 2.0 m
Soil Saver	— — — — — 0.0 m
Reinforcing Steel	254 kg
Welded Wire Fabric	17 kg

BENDING DIAGRAM
(All dimensions are out to out of bars.)

NO.	DATE	REVISIONS		BY	APP'D
KANSAS DEPARTMENT OF TRANSPORTATION Sta. 4+615.00 FLARED WINGWALLS 1.5 m Rise (0° SKEW) BR 10.00.05 SI					
FHWA APPROVAL		6-5-91	APP'D	KENNETH F. HURST	
DESIGNED	DETAILED		QUANTITIES	TRACED	
DESIGN CK.	DETAIL CK.		QUAN.CK.	TRACE CK.	

DATE		DESIGN		PROJ.	CO.
DATE	DESIGN	DATE	DATE		CHECK
DATE	DETAIL	DATE	DATE		
DATE	QUANTITIES	DATE	DATE		
DATE	TRACING	DATE	DATE		
DATE	RETRACTED	DATE	DATE		

Drawn By : \$\$\$USERNAME\$\$\$
 DGN File : \$\$\$\$\$\$DGN\$SPEC\$\$\$
 Plotted : \$\$\$SYTIME\$\$\$ View= Plot10



NOTE: Reinforcing Bar List is for both wings at one end of box only.

[illegible]

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

WING DIMENSIONS FOR NORMAL BOX (1:3.5 Embankment Slope)

* See Bending Diagram