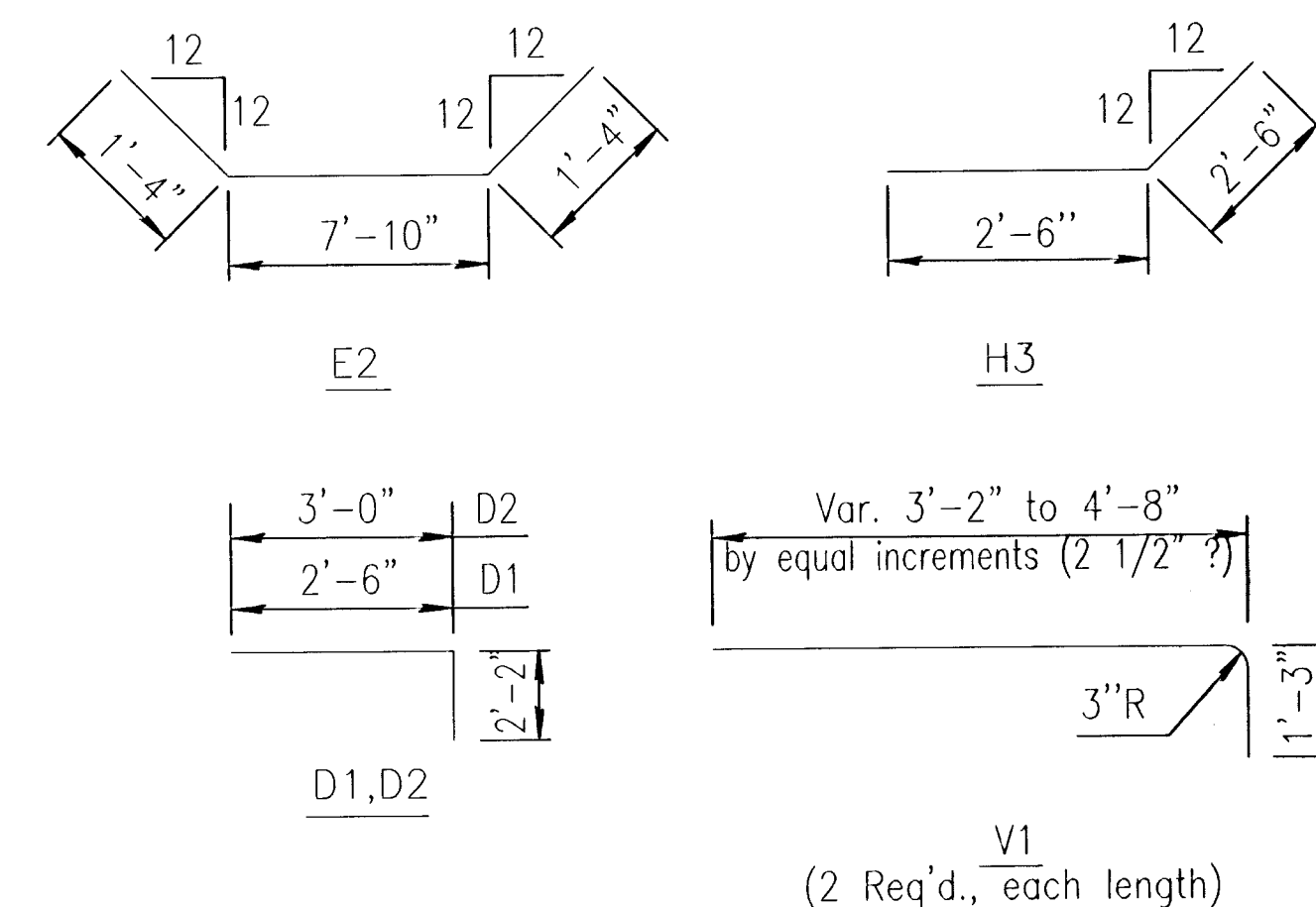


* NOTE: Const. Jt. may be used at Contractor's option when approved by the Engineer. D1 bars or mesh may be spliced thus:  Minimum overlap shall be 1'-3". No increase in quantities or cost shall be allowed when Contractor elects this option.



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



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

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

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

[illegible]

* See Bending Diagram

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 3/4 inch triangular moulding.

REINFORCING: All reinforcing shall conform to ASTM A615,
Grade 60. Welded Wire Fabric shall conform to ASTM A185.
All dimensions relative to reinforcing steel shall be to center-
line of bar unless otherwise noted.

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

APRON: A 5" 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 6 x 6-W1.4 x W1.4 welded wire fabric and shall be classified as pounds 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.

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

POE & ASSOCIATES, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ■ Wichita, KS 67208-4242
Phone 316/685-4114 ■ FAX 316/685-4444



W

Designed By:	JMU/JPD
Drawn By:	JPD
Poe Job No.:	1694J

Poe Job No.: 1694J	Date: January 2006
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~~KANSAS DEPARTMENT OF TRANSPORTATION~~
Stg. 0+67.71

3 ft Rise (0° SKEW)

Sedgwick Co.

~~BR 10.00.03~~

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

Sheet
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