



SW 1/4 of SW 1/4  
73-1W

# RESURRECTION CEMETERY

WICHITA, KANSAS



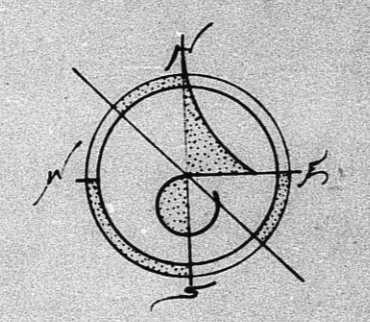
**DRAINAGE CHANNEL SPECIFICATIONS**  
Drainage Area - 30 acres including 10 acres to north  
Time of Concentration - 37 min. (including time over 10 acres to the north) with paved roads.  
C<sub>s</sub> - 0.12  
I<sub>s</sub> - 3.4 inches/hour (using Rainfall Intensity - Duration curve for Wichita and 50 yr. return period, or standard curves with max. 24 hr. precip. - 7.99 inches x 4 - 3.2 in/hr. max. precip. recorded)  
Q - C.I.A. - 20.4 cu. ft./sec. runoff at point "B"  
Using Manning's formula (n = 0.03) - Open sod drain, 1 ft. deep, 5 ft. wide, 1:3 side slopes, trapezoidal cross-section, 0.3% longitudinal slope - Q = 20.63 cu. ft./sec. At 0.2% long slope channel to be 6 ft. wide at bottom.



**PROPOSED CHANNEL SECTION**

Point A	a: 3'	b: 1'	d: 5'
Point B	a: 5'	b: 1'	d: 5' @ .3% slope, or 6' @ .2% slope
Point C	a: 3'	b: 1'	d: 5' @ .3% slope, or 3' @ .2% slope

- RECOMMEND SCREEN PLANTING LIST**  
(Exact Locations of Plant varieties to be planned later)
- Deciduous Trees - such as Green Ash, Hackberry, Sweet Gum, Pin Oak and Thornless Locust.
  - Evergreen Trees - Austrian or Scotch Pine, Spruces
  - Low growing shrubs - to about 4 ft. - such as Flowering Almond, Lodense Privet, Spreading and Creeping Junipers, Ground covers, Dwarf varieties of Jap. Quince, Luonymus and Barberry.
  - Medium growing shrubs - 4 to 7 ft. - such as Beauty Bush, some Junipers and varieties of Spiraea, Privets, Forsythia, Cotoneaster.
  - Tall growing shrubs - 7 to 10 ft. - such as Upright Junipers, and varieties of Lilac, Honeysuckle, Pyracantha plus a few small trees such as Flowering Crab and Russian Olive.



Scale - 1" = 60'

Survey by Don C. Moehring, C.E., Wichita, Kansas dated Nov. 22, 1966.

SW 1/4 of NE 1/4 of SW 1/4  
73-1W

NE cor. SW 1/4 of NE 1/4 of SW 1/4  
Sec. 8-273-1W



Roman Catholic Diocese of Wichita

CU-93  
Approved Landscape Plan  
By Board of Cemetery Commissioners  
March 15, 1967  
Stanley Mackey  
Deputy County Clerk  
DONALD W. DREWES  
Cemetery Architect  
Jan. 28, 1967 No. 671

Approx. point of discharge into present natural drainage channel.

SE cor. NE 1/4 of SW 1/4  
Sec. 8-273-1W