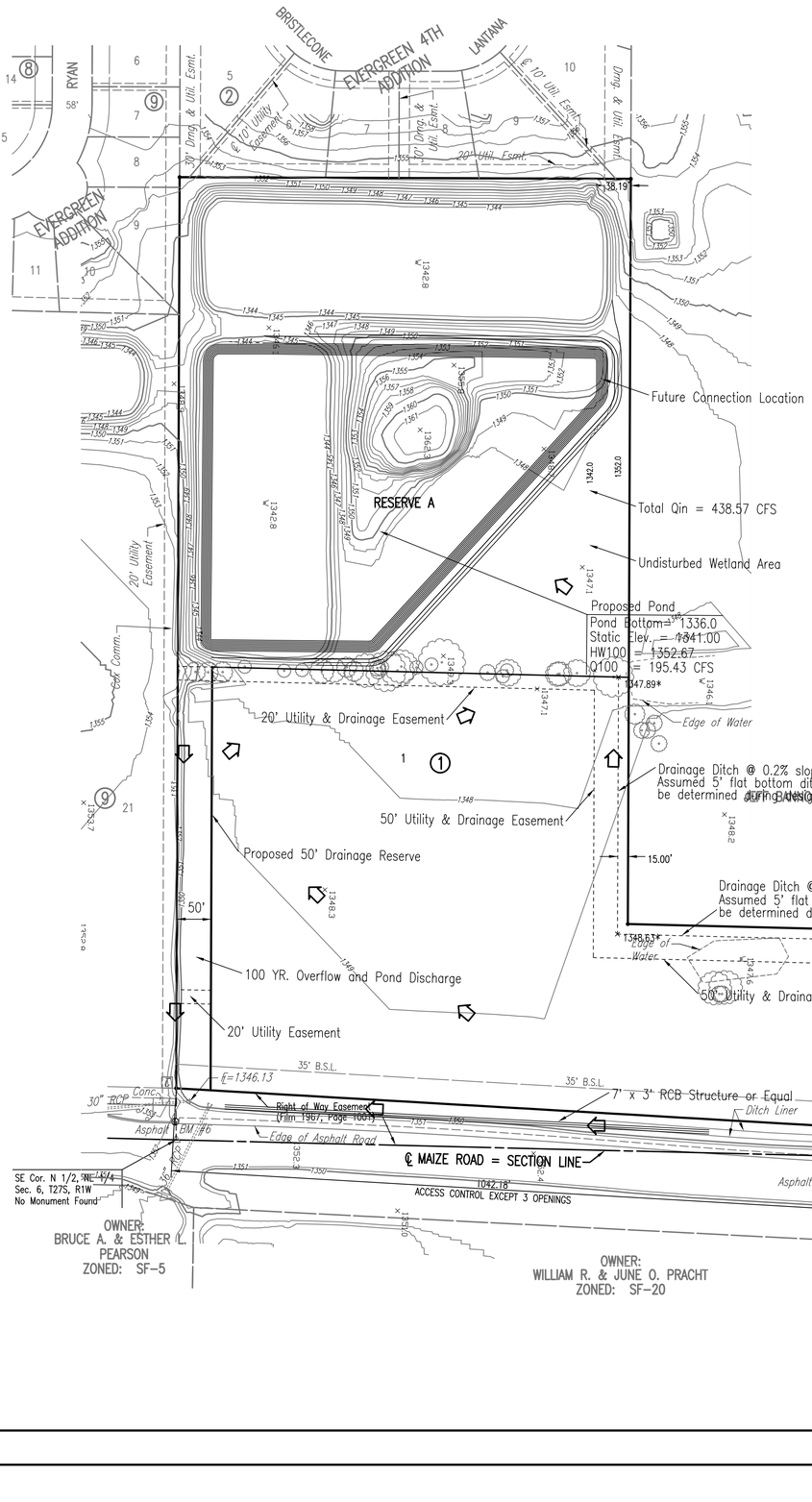
NEWMARKET V ADDITION

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

DRAINAGE PLAN



NOTE:

Minimum Pad = 167.4 City Datum or 1354.8 NGVD
Total inflow, Q, into the detention pond is based upon a fully developed basin.

The 7'x 2.5' RCB can only hand a portion of the total flow down the Maize Rd. ditch. Currently the rest of the flow is diverted to the west where it overtops 29th Street North.

New Market V drainage plan meets the requirements of the Cadillac Lake Drainage Study dated August 2006.

Property is located within a FEMA Flood Zone A.

BFE = ELEVATION: 164.5 CITY DATUM
1351.9 N.G.V.D.

*If a 0.2% or greater slope can not be maintained then a culvert/flume structure will be constructed. Once a final wetland determination has been done on the property to the west, then the ditch slopes can be adjusted accordingly.

SCALE: 1" = 100'

BENCHMARKS BM

BM #2
CITY OF WICHITA BM DISC 63.4' WNW OF NE COR., SEC. 6, T27S, R1W

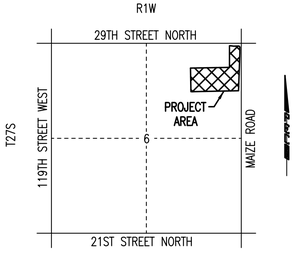
ELEVATION: 161.92 CITY DATUM
1349.32 N.G.V.D.

BM #6
CHISELED "d" ON TOP BACK CURB, W. CURB LINE OF MAIZE RD. AT BEGINNING OF CURB ± 1/4 MILE S. OF 29TH ST. N.

ELEVATION: 164.52 CITY DATUM
1351.92 N.G.V.D.

LEGEND

- Sign
- Deciduous Tree
- Cable TV Pedestal
- Guy Pole
- Light Pole
- Deadman
- Electrical Pedestal
- Electric Meter
- TMH — Telephone Manhole
- Telephone Pedestal
- FH — Fire Hydrant
- WV — Water Valve
- Fence Types
- Overhead Cable TV Line
- Buried Cable TV Line
- Overhead Electric Line
- Buried Electric Line



VICINITY MAP

REVISED: 12-11-07

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Plot Scale 1:100 12-11-2007 5:25:32 PM by SRB
O:\2005\05023\05023-Revised Drainage Plan