

# General Site Plan: Exhibit B

**Parcel A**  
 Total Acreage: 60.70 Acreage of Impervious Area: 30.1  
 Stormwater Detention Volume Required for Parcel A in Acre-Feet: 23.9  
 Stormwater Detention Volume Provided in Parcel A in Acre-Feet: 21.3  
 Stormwater Detention Volume Provided in Parcel D for Parcel A in Acre-Feet: 2.6  
 Acreage of Tributary Area from Parcel B: 0.0  
 Acreage of Off-site Tributary Area: 160.2  
 100-Year Peak Off-site Tributary Flow in CFS: 99  
 SCS Technical Release 55 Runoff Curve Number: 82  
 Maximum Release Rate of Site Generated Runoff from Parcel A to the River in CFS/AC: 0.10

**Parcel B**  
 Total Acreage: 2.44 Acreage of Impervious Area: 1.8  
 Stormwater Detention Volume Required for Parcel B in Acre-Feet: 1.0  
 Stormwater Detention Volume Provided in Parcel B in Acre-Feet: 1.0  
 Acreage of Tributary Area from Other Parcels: 0.0  
 SCS Technical Release 55 Runoff Curve Number: 92

**Parcel C**  
 Total Acreage: 52.58 Acreage of Impervious Area: 31.6  
 Stormwater Detention Volume Required for Parcel C in Acre-Feet: 23.3  
 Stormwater Detention Volume Provided in Parcel C in Acre-Feet: 36.1  
 Stormwater Detention Volume Provided in Parcel C for Parcel F in Acre-Feet: 12.8  
 Acreage of Tributary Area from Parcels A, D, and F: 184.1  
 SCS Technical Release 55 Runoff Curve Number: 91  
 Maximum Release Rate of Site Generated Runoff from Parcel C to the River in CFS/AC: 0.10

**Parcel D**  
 Total Acreage: 43.10 Acreage of Impervious Area: 33.8  
 Stormwater Detention Volume Required for Parcel D in Acre-Feet: 28.5  
 Stormwater Detention Volume Provided in Parcel D in Acre-Feet: 36.5  
 Stormwater Detention Volume Provided in Parcel D for Parcels A and F in Acre-Feet: 8.0  
 Acreage of Tributary Area from Parcels A and F: 120.1  
 SCS Technical Release 55 Runoff Curve Number: 90

**Parcel E**  
 Total Acreage: 34.73 Acreage of Impervious Area: 25.5  
 Stormwater Detention Volume Required for Parcel E in Acre-Feet: 15.2  
 Stormwater Detention Volume Provided in Parcel E in Acre-Feet: 15.2  
 Acreage of Tributary Area from Other Parcels: 0.0  
 SCS Technical Release 55 Runoff Curve Number: 92  
 Maximum Release Rate of Site Generated Runoff from Parcel E to the River in CFS/AC: 0.10

**Parcel F**  
 Total Acreage: 83.00 Acreage of Impervious Area: 56.7  
 Stormwater Detention Volume Required for Parcel F in Acre-Feet: 43.1  
 Stormwater Detention Volume Provided in Parcel F in Acre-Feet: 25.3  
 Stormwater Detention Volume Provided in Parcels C and D for Parcel F in Acre-Feet: 17.8  
 Acreage of Tributary Area from Other Parcels: 0.0  
 SCS Technical Release 55 Runoff Curve Number: 89

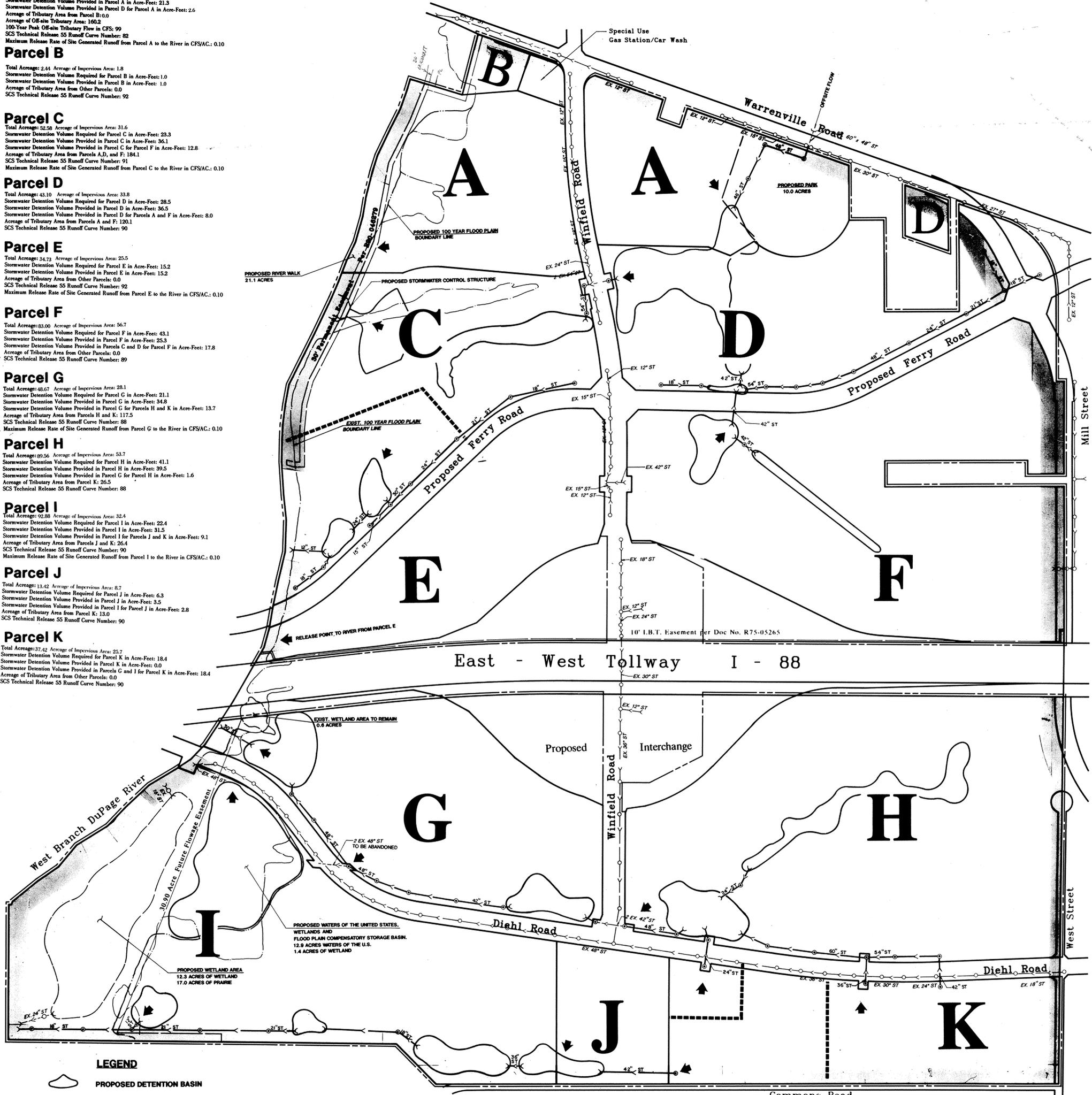
**Parcel G**  
 Total Acreage: 48.67 Acreage of Impervious Area: 28.1  
 Stormwater Detention Volume Required for Parcel G in Acre-Feet: 21.1  
 Stormwater Detention Volume Provided in Parcel G in Acre-Feet: 34.8  
 Stormwater Detention Volume Provided in Parcel G for Parcels H and K in Acre-Feet: 13.7  
 Acreage of Tributary Area from Parcels H and K: 117.5  
 SCS Technical Release 55 Runoff Curve Number: 88  
 Maximum Release Rate of Site Generated Runoff from Parcel G to the River in CFS/AC: 0.10

**Parcel H**  
 Total Acreage: 89.56 Acreage of Impervious Area: 53.7  
 Stormwater Detention Volume Required for Parcel H in Acre-Feet: 41.1  
 Stormwater Detention Volume Provided in Parcel H in Acre-Feet: 39.5  
 Stormwater Detention Volume Provided in Parcel G for Parcel H in Acre-Feet: 1.6  
 Acreage of Tributary Area from Parcel K: 26.5  
 SCS Technical Release 55 Runoff Curve Number: 88

**Parcel I**  
 Total Acreage: 92.80 Acreage of Impervious Area: 32.4  
 Stormwater Detention Volume Required for Parcel I in Acre-Feet: 22.4  
 Stormwater Detention Volume Provided in Parcel I in Acre-Feet: 31.5  
 Stormwater Detention Volume Provided in Parcel I for Parcels J and K in Acre-Feet: 9.1  
 Acreage of Tributary Area from Parcels J and K: 26.4  
 SCS Technical Release 55 Runoff Curve Number: 90  
 Maximum Release Rate of Site Generated Runoff from Parcel I to the River in CFS/AC: 0.10

**Parcel J**  
 Total Acreage: 13.42 Acreage of Impervious Area: 8.7  
 Stormwater Detention Volume Required for Parcel J in Acre-Feet: 6.3  
 Stormwater Detention Volume Provided in Parcel J in Acre-Feet: 3.5  
 Stormwater Detention Volume Provided in Parcel I for Parcel J in Acre-Feet: 2.8  
 Acreage of Tributary Area from Parcel K: 13.0  
 SCS Technical Release 55 Runoff Curve Number: 90

**Parcel K**  
 Total Acreage: 37.42 Acreage of Impervious Area: 25.7  
 Stormwater Detention Volume Required for Parcel K in Acre-Feet: 18.4  
 Stormwater Detention Volume Provided in Parcel K in Acre-Feet: 0.0  
 Stormwater Detention Volume Provided in Parcels G and I for Parcel K in Acre-Feet: 18.4  
 Acreage of Tributary Area from Other Parcels: 0.0  
 SCS Technical Release 55 Runoff Curve Number: 90



**LEGEND**

- PROPOSED DETENTION BASIN
- PROPOSED AND EXISTING WETLAND AREAS
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- PROPOSED STORM MANHOLE
- EXISTING STORM MANHOLE
- PROPOSED FLARED END SECTION
- EXISTING 100 YEAR FLOOD PLAIN BOUNDARY LINE
- PROPOSED 100 YEAR FLOOD PLAIN BOUNDARY LINE
- PROPOSED DRAINAGE AREA BOUNDARY
- FLOW DIRECTION

Statement From Licensed Civil Engineer  
 This concept engineering plan has been designed to meet the stormwater management requirements of the proposed development in accordance with City of Warrenville ordinances.

SDI CONSULTANTS, LTD.  
 By *Lee E. VanderMeulen* Date 1-18-94  
 Lee E. VanderMeulen  
 Illinois Professional Engineer 045328

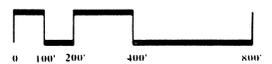
- Notes:**
- All areas and stormwater detention volumes referenced above are approximate.
  - The proposed detention basins indicated on this exhibit are shown for conveyance of stormwater and do not represent the total required detention volumes for each parcel. The remaining required volume will be provided in conjunction with detailed parcel plans.
  - All calculations were done using the Soil Conservation Service's TR-20 Project Formulation Hydrology. A third-quartile Huff rainfall distribution was used, and soil type C was used for runoff curve number calculations. Rainfall intensity data was taken from the Illinois State Water Survey's Bulletin 70, with a 100-year (24 hour) rainfall intensity of 7.56 inches for Warrenville, Illinois.
  - If Winfield Road and/or Diehl Road are widened to a width greater than the current width of roadway in order to provide additional traffic capacity due to the Cantera development, detention for the expanded roadways will need to be provided within the development.
  - The proposed I-88 Interchange with Winfield Road should be designed by ISTHWA to provide the required stormwater detention and restricted release rate from the interchange area.

**CANTERA**

OPEN SPACE ALLOCATION TABLE

PARCEL DESIGNATION	COMMON OPEN SPACE WITHIN PARCEL (ACRES)	% OF COMMON OPEN SPACE TO PARCEL AREA (%)
A EAST	1.13	3.8%
A WEST	2.5	10.0%
B	0.0	0%
C	15.7	29.2%
D	13.9	31.3%
E	0.0	2.5%
F	4.82	5.9%
G	6.6	12.2%
H	11.26	12.5%
I	20.7	32.9%
J EAST	1.1	8.0%
K WEST	0.0	0%
TOTAL	81.3	14.2%

CITY OF WARRENVILLE APPROVED  
 DATE: 12/17/92  
 SIGNATURE: *[Signature]*



Date: December 20, 1992  
 Rev. Date: April 29, 1992 August 13, 1993  
 June 12, 1992 January 18, 1994

# CANTERA

**Owner:**  
 Warrenville Development  
 Limited Partnership  
 11 South LaSalle Street  
 Chicago, IL 60603  
 (312) 782-5800

**Development Manager:**  
 LaSalle Partners  
 Development Limited  
 11 South LaSalle Street  
 Chicago, IL 60603  
 (312) 782-5800

**Land Planner/  
 Landscape Architect:**  
 EDWA, Inc.  
 601 Prince Street  
 Alexandria, VA 22314  
 (703) 836-1414

**Engineer:**  
 SDI Consultants Ltd.  
 1520 Kensington Road  
 Oak Brook, IL 60521  
 (708) 571-0353

**Traffic:**  
 Metro Transportation Group  
 113 Fairfield Way  
 Suite 308  
 Bloomingdale, IL 60108  
 (708) 351-8100

**Wetlands:**  
 Planning Resources, Inc.  
 615 West Front Street  
 Wheaton, IL 60187  
 (708) 668-3788

**Geotechnical and  
 Geo-Environmental:**  
 Testing Services Corporation  
 457 East Gundersen Drive  
 Carol Stream, IL 60188  
 (708) 653-3920

JAMES J. BENES & ASSOCIATES, INC.  
 1755 Park Street, Suite 100, Naperville, Illinois 60563  
 Tel. (708) 369-7800 Fax (708) 369-7819