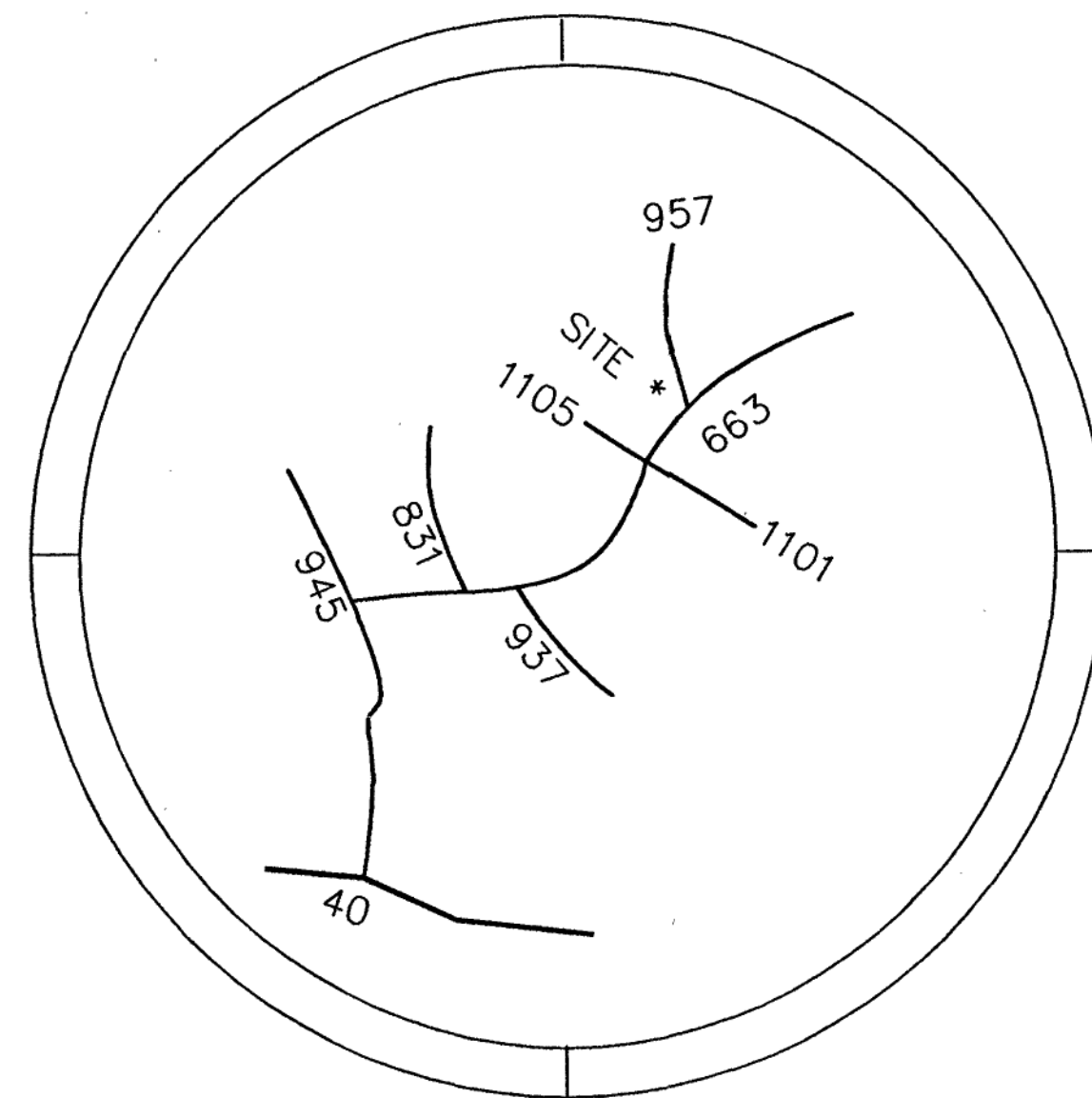# LANDS END RPD

COMMUNITY WATER SYSTEM PLANS

AT SMITH MOUNTAIN LAKE
UNION HALL MAGISTERIAL DISTRICT
FRANKLIN COUNTY, VIRGINIA

JANUARY 15, 2002

REVISED: MAY 13, 2002

DEVELOPER: WINDSTAR PROPERTIES, L.L.C.
3306 KEMP FORD ROAD
UNION HALL, VA 24176
(540)576-1072

ENGINEER: STONE ENGINEERING
250 SOUTH MAIN STREET
ROCKY MOUNT, VA 24151
(540)483-0078

SURVEYOR: PHILIP W. NESTER, INC
POB 827
ROCKY MOUNT, VA 24151
(540)483-9478
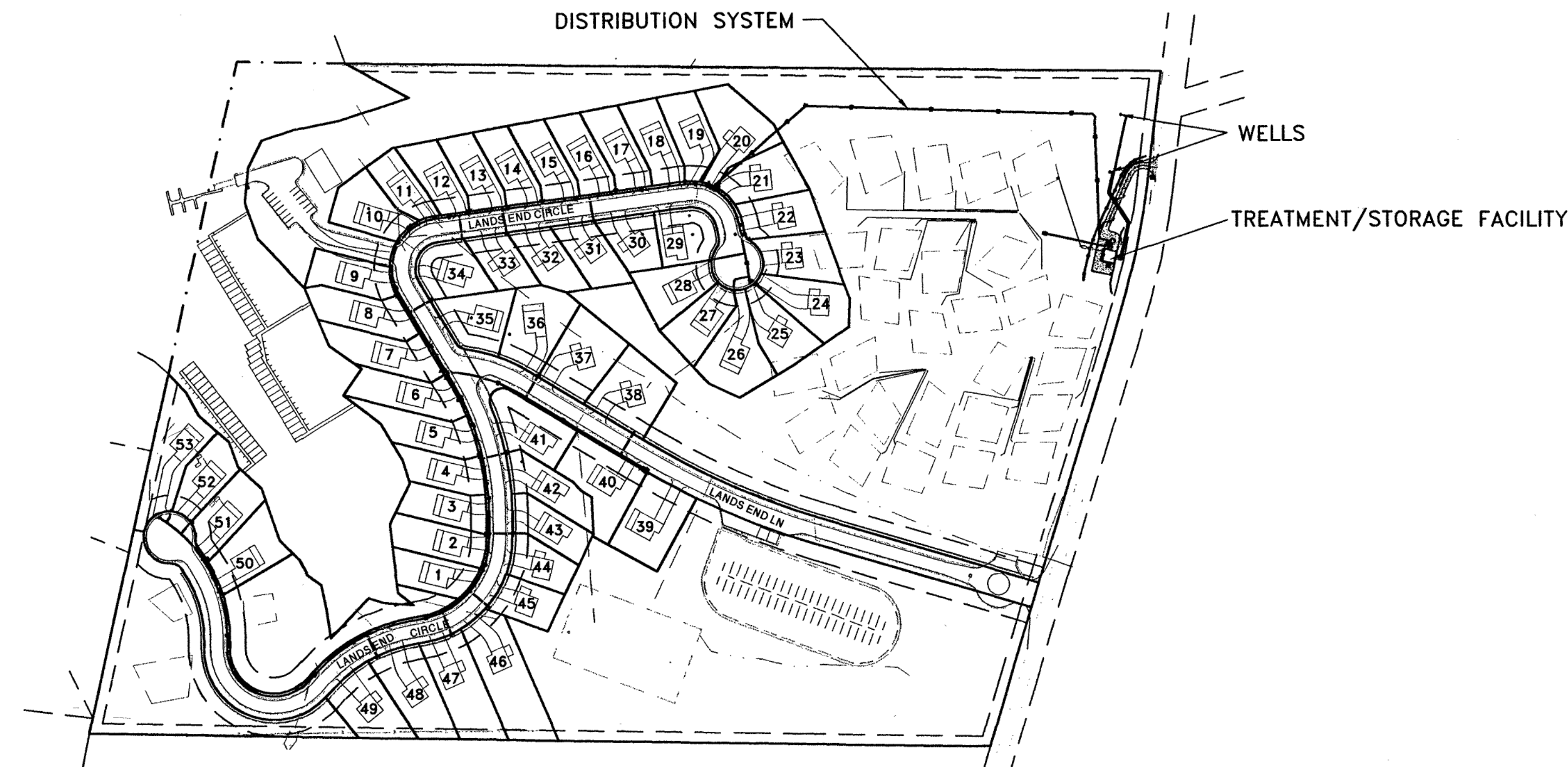

LOCATION MAP

GENERAL NOTES

1. ALL CONSTRUCTION STANDARDS AND SPECIFICATIONS SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS, SPECIFICALLY FRANKLIN COUNTY CHAPTER 22 WATER AND SEWER REGULATIONS, VIRGINIA DEPARTMENT OF HEALTH WATERWORKS REGULATIONS, AND VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARDS.

2. PRIOR TO CONSTRUCTION CONTRACTOR SHALL CONTACT MISS UTILITY TO LOCATE ALL EXISTING UTILITIES. THE ENGINEER SHALL BE CONTACTED IMMEDIATELY IF THE EXISTING CONDITIONS DIFFER FROM PLANS.

3. WATER MAINS SHALL HAVE AT LEAST 36 INCES OF COVER.

4. CONTRACTOR SHALL INSTALL A DRY HYDRANT AROUND OR NEAR THE BOAT RAMP AREA AT A LOCATION APPROVED BY DEVELOPER.

5. ALL PIPE CROSSINGS SHALL MAINTAIN A MINIMUM VERTICAL SEPERATION OF 18".

6. ALL WATER MAINS SHALL BE CLASS 150 PVC OR CLASS 50 DUCTILE IRON. IF CONTRACTOR CHOOSES TO INSTALL PVC PIPE, A COPPER WIRE (SIZE #14 OR LARGER) SHALL BE INSTALLED PARALLEL AND AT THE SAME DEPTH AS THE PIPE AS WELL AS LOOP AROUND ALL VALVES. MARKING TAPE OF THE APPROPRIATE COLOR SHALL ALSO BE INSTALLED 12" TO 18" BELOW FINISHED GRADE FOR ALL PVC PIPE.

7. ALL TEES, BENDS, PLUGS, AND CAPS SHALL BE SUBSTANTIALLY BRACED, BLOCKED, AND/OR ANCHORED W/2500psi CONCRETE.

DISTRIBUTION SYSTEM

WELLS

TREATMENT/STORAGE FACILITY

OVERALL PLAN

SCALE: 1"=200'

Preliminary Plans
Project was constructed-no as-builts

LEGEND

(SF) SILT FENCE

(CIP) CULVERT INLET PROTECTION

◄► GATE VALVE

◄► BLOW-OFF ASSEMBLY

▶ AIR RELEASE VALVE

——— WATER LINE

— — — DRAINFIELD

REVISIONS

MAY 13, 2002: AS PER VIRGINIA DEPARTMENT OF HEALTH COMMENTS DATED APRIL 25, 2002.

JOB NO. 01060W