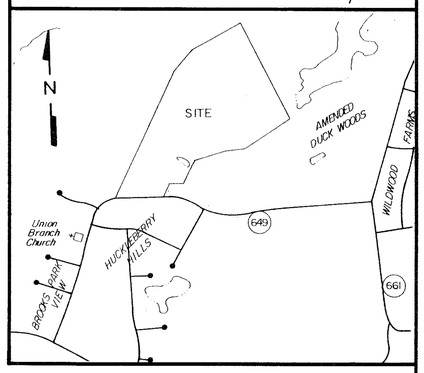
PHASE I

CENTRAL WATER SYSTEM
CEDARWOOD
SECTION ONE
RIVES DISTRICT
PRINCE GEORGE COUNTY, VIRGINIA

DATE : MAY 2, 1988

VICINITY MAP SCALE: 1" = 2,000'



LEGEND

- EXISTING WATERLINE
- PROPOSED WATERLINE
- GATE VALVE
- FIRE HYDRANT ASSEMBLY
- TEE OR TAPPING SLEEVE
- CROSS
- BLIND CAP
- REDUCER
- HOUSE CONNECTION
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- PROPOSED MANHOLE
- EXISTING MANHOLE
- HOUSE CONNECTION
- BORE CROSSING

CHARLES C. TOWNES & ASSOCIATES
Engineers, Planners, Land Surveyors
110 Norfolk Ave., P.O. Box 97
Colonial Heights, Va. 23834
804-526-6766

COMMONWEALTH OF VIRGINIA
CHARLES E. TOWNES
LICENSE # 10478
PROFESSIONAL ENGINEER

RELEASED FOR CONSTRUCTION
Jan 4 1989

ALL WORK SUBJECT TO INSPECTION BY COUNTY ENGINEER

DESIGN DATA

PROPOSED LOTS	(TOTAL)	117
WATER DEMAND	G.P.D. / LOT	400
TOTAL FLOW	G.P.D.	46,800
DESIGN BASIS	G.P.M.	85
PEAK FLOW	G.P.M.	85
WELL CAPACITY	G.P.M.	65 *
BOOSTER PUMP		90 G.P.M. at 145'

*NOTE: WELL No. 2 WILL BE DRILLED, DEVELOPED AND APPROVED PRIOR TO THE ADDITION OF THE 50th DWELLING TO THIS SYSTEM

OWNER / DEVELOPER

CEDARWOOD PROPERTIES
5100 OAKLAWN BOULEVARD
HOPEWELL, VIRGINIA 23860
PHONE: (804) 541-1901

INDEX

SHEET #	DESCRIPTION
1	COVER SHEET
2	MASTER UTILITIES PLAN
3	UTILITIES PLAN
4	UTILITIES PLAN
5	UTILITIES PLAN
6	UTILITIES PROFILES
7	UTILITIES PROFILES
8	UTILITIES PROFILES
9	PUMP HOUSE PLAN AND DETAILS
10	ELEVATIONS AND DETAILS
11	STORAGE TANK PLAN AND DETAILS
12	SITE PLAN AND ELECTRICAL LAYOUT
13	NOT INCLUDED
14	NOT INCLUDED
15	NOT INCLUDED

FINAL

REVISIONS

DATE	ITEM
9-9-88	

DATE

SCALE

DRAWN BY

CHECKED BY

F.B. #

SHEET # 1