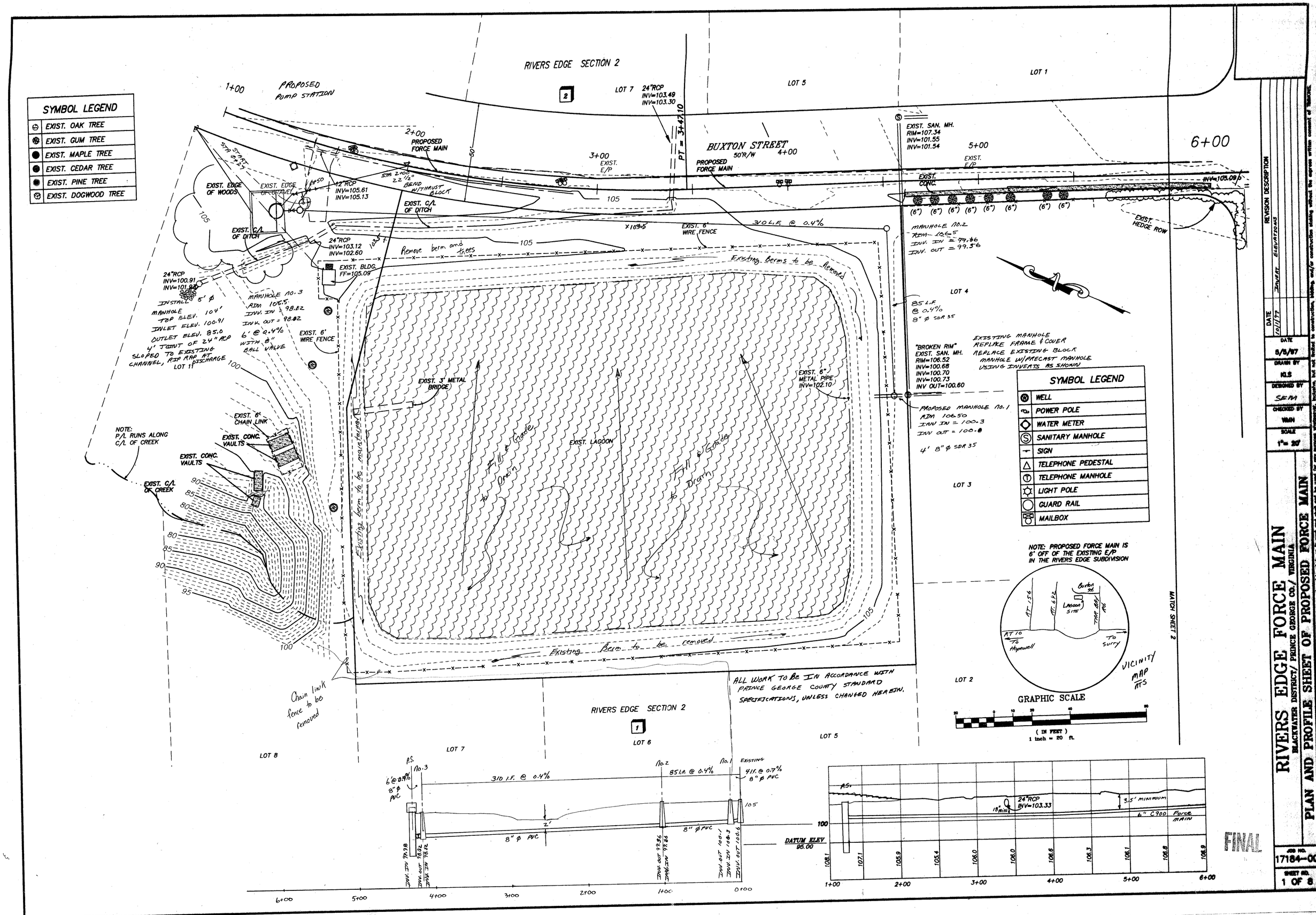
SYMBOL LEGEND
EXIST. OAK TREE
EXIST. GUM TREE
EXIST. MAPLE TREE
EXIST. CEDAR TREE
EXIST. PINE TREE
EXIST. DOGWOOD TREE
RIVERS EDGE SECTION 2
PROPOSED PUMP STATION
PROPOSED FORCE MAIN
BUXTON STREET
50'R/W
PT = 3+47.10
24"RCP INV=103.49 INV=103.30
12"RCP INV=105.61 INV=105.13
24"RCP INV=103.12 INV=102.60
24"RCP INV=100.91 INV=101.92
EXIST. BLDG. FF=105.09
EXIST. SAN. MH. RIM=107.34 INV=101.55 INV=101.54
EXIST. EDGE OF WOODS
EXIST. EDGE OF GRAVEL
EXIST. C/L OF DITCH
EXIST. 6' WIRE FENCE
EXIST. CONC.
EXIST. HEDGE ROW
EXIST. 3' METAL BRIDGE
EXIST. 6" METAL PIPE INV=102.10
EXIST. LAGOON
EXIST. 6' CHAIN LINK
EXIST. CONC. VAULTS
EXIST. C/L OF CREEK
NOTE: P/L RUNS ALONG C/L OF CREEK
Remove berm and trees
Existing Berms to be Removed
Existing berm to be maintained
Fill & Grade to Drain
Existing Berm to be removed
Chain link fence to be removed
MANHOLE NO.2 RIM = 106.5 INV. IN = 99.66 INV. OUT = 99.56
85 L.F. @ 0.4% 8" ø SDR 35
EXISTING MANHOLE REPLACE FRAME & COVER REPLACE EXISTING BLOCK MANHOLE W/PRECAST MANHOLE USING INVERTS AS SHOWN
"BROKEN RIM" EXIST. SAN. MH. RIM=106.52 INV=100.68 INV=100.70 INV=100.73 INV OUT=100.60
PROPOSED MANHOLE NO.1 RIM 106.50 INV IN = 100.3 INV OUT = 100.0 4' 8" ø SDR 35
MANHOLE NO.3 RIM 106.5 INV. IN = 98.82 INV. OUT = 98.82 6' @ 0.4% WITH 8" BALL VALVE
INSTALL 5' ø MANHOLE TOP ELEV. 104' INLET ELEV. 100.91 OUTLET ELEV. 85.0 4' JOINT OF 24" RCP SLOPED TO EXISTING CHANNEL, RIP RAP AT DISCHARGE
ALL WORK TO BE IN ACCORDANCE WITH PRINCE GEORGE COUNTY STANDARD SPECIFICATIONS, UNLESS CHANGED HEREIN.
SYMBOL LEGEND
WELL
POWER POLE
WATER METER
SANITARY MANHOLE
SIGN
TELEPHONE PEDESTAL
TELEPHONE MANHOLE
LIGHT POLE
GUARD RAIL
MAILBOX
NOTE: PROPOSED FORCE MAIN IS 6' OFF OF THE EXISTING E/P IN THE RIVERS EDGE SUBDIVISION
VICINITY MAP NTS
GRAPHIC SCALE
(IN FEET) 1 inch = 20 ft.
MATCH SHEET 2
LOT 1
LOT 2
LOT 3
LOT 4
LOT 5
LOT 6
LOT 7
LOT 8
310 L.F. @ 0.4%
851.A @ 0.4%
41 L.F. @ 0.7% 8" ø PVC
8" ø PVC
DATUM ELEV 95.00
24"RCP INV=103.33
3.5' MINIMUM
6" C900 FORCE MAIN
FINAL
REVISION DESCRIPTION
DATE 10/1/92 INVERT ELEVATIONS
DATE 8/13/87
DRAWN BY K.L.S.
DESIGNED BY S.E.M.
CHECKED BY W.M.N.
SCALE 1" = 20'
RIVERS EDGE FORCE MAIN
BLACKWATER DISTRICT/ PRINCE GEORGE CO./ VIRGINIA
PLAN AND PROFILE SHEET OF PROPOSED FORCE MAIN
JOB NO. 17184-00
SHEET NO. 1 OF 8