JORDAN ON THE JAMES
SECTION ONE

TIE TO EXISTING MAN HOLE
INV. IN 11.78'
TOP 17.50' B.M.
ALL DOWNSTREAM MANHOLES WERE COATED WITH BITUMASTIC DURING ORIGINAL PROJECT

22½° BEND
LOT LINE
MARSH
JENNY CREEK
EXISTING 8" WATER MAIN
AIR RELEASE VALVE FORCE MAIN
45° BEND
EXISTING 8" WATER MAIN
FIELD
WOODS
90° BEND
EXISTING 10' UTILITY ESMT.
MATCH LINE STA. 24+00
EXISTING SEWER
EXISTING 6" WATER MAIN (A/C PIPE)
N/F PETERSON

VICINITY MAP
NTS
RT 10
HOPEWELL
SURRY
BEECHWOOD STP
JENNY CREEK
BUTTERNUT DR.
BEECHWOOD SEWER PUMP

ALL WORK TO BE IN ACCORDANCE WITH PRINCE GEORGE COUNTY STANDARD SPECIFICATIONS.

BEDDING CLASS C
LAYING CONDITION B
PVC, C-900
BEDDING CLASS C
3.80" DUCTILE IRON CL 52
BEDDING CLASS C
LAYING CONDITION B
PVC-C-900
AIR RELEASE VALVE FORCE MAIN
PROPOSED 6" PVC FORCE MAIN
EXISTING 8" WATER MAIN
3.5' MIN. COVER
MAINTAIN 18" VERTICAL SEPARATION OR 12" HORIZONTAL SEPARATION WITH 3.5' MIN. COVER
2" TS+V AVE
MAINTAIN 18" VERTICAL SEPARATION OR 10" HORIZONTAL SEPARATION
22½° VERTICAL BEND (SEE DETAIL AT RIGHT)
20' CONCRETE ENCASEMENT
DUCTILE IRON CLS. EXISTING GROUND
ONE STANDARD JOINT EXISTING WATER
10" FM
SCALE 1"=5'
VERTICAL BEND DETAIL
22½° BEND
THRUST BLOCK

JENNY CREEK
22½° BEND
EXISTING 4" FORCE MAIN
STA 38+75 END OF PROJECT
NOTE SEE DETAIL AT RIGHT FOR CONNECTION TO EXISTING FORCE MAIN
PUMP STATION
22½° BEND
45° BENDS
JENNY CREEK DR.
COLLINGWOOD DR.
BUTTERNUT DR.
MATCH LINE STA. 24+00

TIE-IN DETAIL

Cut EXISTING PIPE AND INSTALL 4"x6" INCREASER WITH 6" 90° BEND
4" EXISTING FORCE MAIN
THRUST BLOCK
MAINTAIN FLOW TO TREATMENT PLANT WITH EMERGENCY PUMP

Access Road
SERVICE
Pump Line
4" Force MAIN
SITE PLAN 1"=20'

MATCH LINE STA. 24+00
END OF PROJECT

REVISION	DESCRIPTION	DATE

DATE 11-22-93
DRAWN BY DWJ
DESIGNED BY SEM DWJ
CHECKED BY SEM
SCALE 1"=100'

BEECHWOOD - JORDAN ON THE JAMES FORCE MAIN SEWER
PRINCE GEORGE COUNTY, VIRGINIA
ENGINEERING OFFICE
P.O. BOX 68 PRINCE GEORGE COUNTY, VIRGINIA 23875

SHEET NO. 1 OF 1
JOB NO.