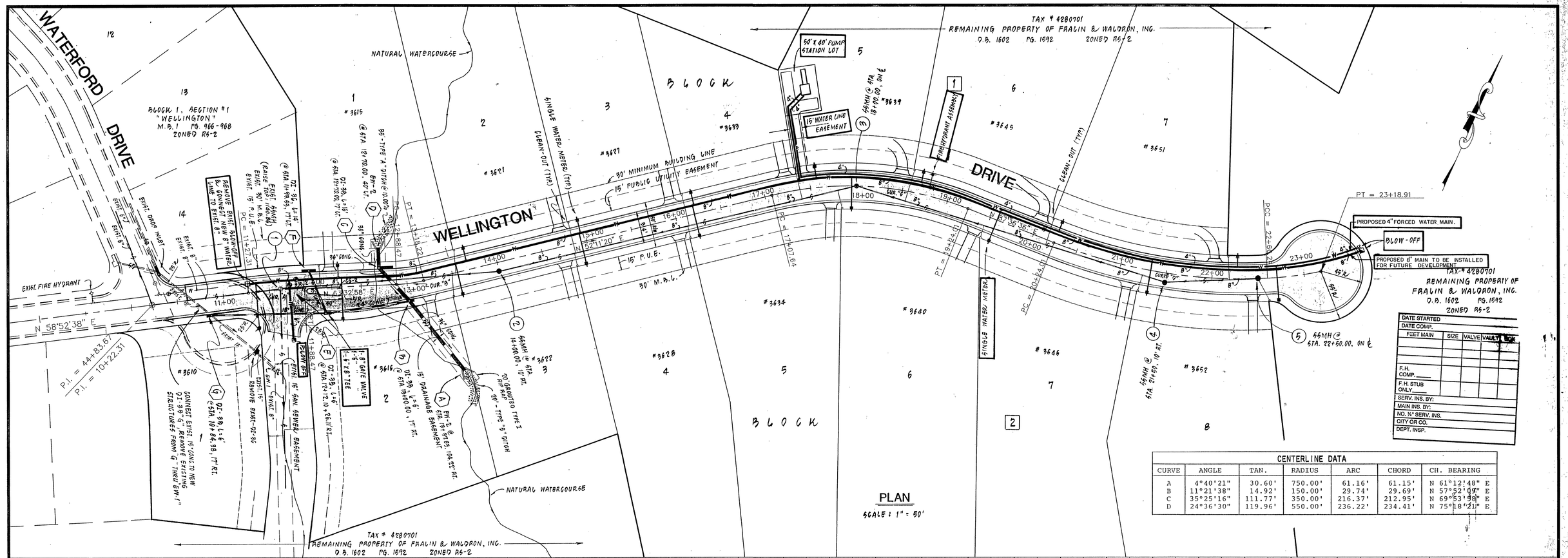


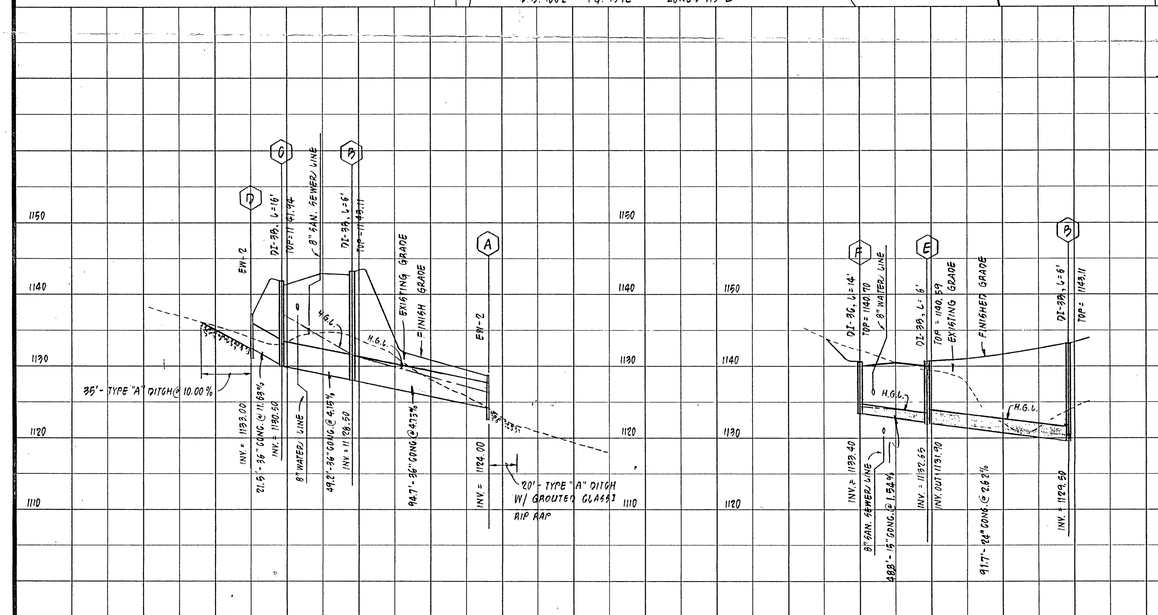
DATE STARTED			
DATE COMP.			
FEET MAIN	SIZE	VALVE	VALVE BOX
F.H. COMP. ____			
F.H. STUB ONLY ____			
SERV. INS. BY:			
MAIN INS. BY:			
NO. ¾" SERV. INS.			
CITY OR CO.			
DEPT. INSP.			

PLAN

SCALE : 1" = 50'

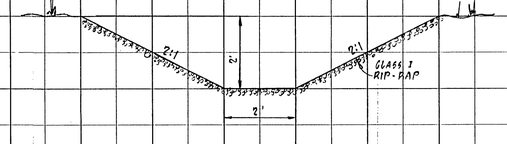
CENTERLINE DATA

CURVE	ANGLE	TAN.	RADIUS	ARC	CHORD	CH. BEARING
A	4°40'21"	30.60'	750.00'	61.16'	61.15'	N 61°12'48" E
B	11°21'38"	14.92'	150.00'	29.74'	29.69'	N 57°52'09" E
C	35°25'16"	111.77'	350.00'	216.37'	212.95'	N 69°53'98" E
D	24°36'30"	119.96'	550.00'	236.22'	234.41'	N 75°18'21" E



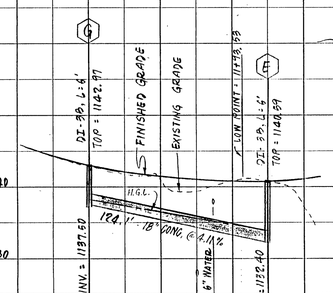
STORM DRAIN PROFILES

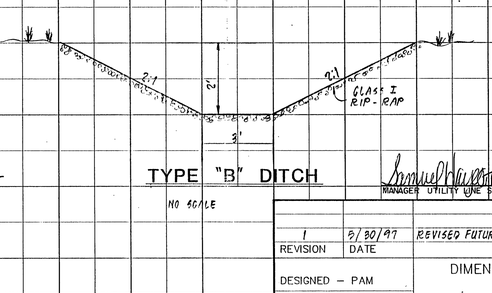
SCALE : 1" = 50' HORIZ.
1" = 10' VERT.



TYPE "A" DITCH

NO SCALE





TYPE "B" DITCH

NO SCALE

LEGEND

EXISTING	PROPOSED	
		PAVEMENT
		CONCRETE CURB & GUTTER (CG-6)
W	W	WATER LINE
S	S	SANITARY SEWER LINE
SD	SD	STORM DRAIN LINE
		WATER METER
		CLEAN-OUT
1140	1140	CONTOURS
		BLOW-OFF
		CONCRETE CURB (CG-2)

WATER DEPARTMENT
ROANOKE VIRGINIA

WELLINGTON DRIVE, S.E.
WELLINGTON SECTION 2
PUMP STATION

SCALE: 1"=50'		10/17/97
DATE: 10/3/97	DIRECTOR UTILITIES & OPERATIONS	DATE
DIST MAP: 428		10-14-97
PLAN NO.: 97-05	DIRECTOR OF PUBLIC WORKS	DATE

MANAGER UTILITY LINE SERVICES

REVISION	DATE	DESCRIPTION
1	8/30/97	REVISED FUTURE INTERSECTION, DRAINAGE & LOTS

DESIGNED – PAM
DRAWN – PAM, RAG
CHECKED – MSW

COMMONWEALTH OF VIRGINIA
MICHAEL S. WEBB
No. 012656
3-2-95
PROFESSIONAL ENGINEER

DIMENSIONAL LAYOUT & STORM DRAIN PROFILES
FOR
SECTION No. 2
"WELLINGTON"
PREPARED FOR
FRALIN & WALDRON, INC.
SITUATED IN
ROANOKE, VIRGINIA

Plan #97-05

LUMSDEN ASSOCIATES, P.C.
ENGINEERS–SURVEYORS–PLANNERS
ROANOKE, VIRGINIA

SCALE: AS SHOWN		COMM: 89-175#2
DATE: 24 FEB. 1995		SHEET 4 of 11