

PUMP STATION #1

PROFILE FORCE MAIN #1

PUMP STATION #3

PROFILE FORCE MAINS #3 & #4

PUMP STATION #2

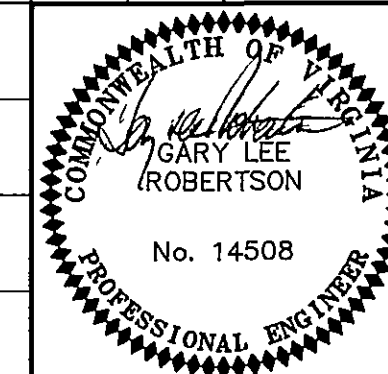
PROFILE FORCE MAIN #2

PUMP STATION #4

PROFILE FORCE MAIN #4

NOTES:

- 1) THE CONTRACTOR SHALL PROVIDE A MINIMUM COVER OF 3' OVER ALL FORCE MAINS AS SOON AS PRACTICAL AFTER LEAVING THE PUMP STATION. THE FORCE MAIN PROFILES SHOWN ON THESE PLANS ARE APPROXIMATE AND MAY VARY DEPENDING ON ACTUAL GRADING.
- 2) THE LOCATION OF AIR RELEASE VALVES ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF AIR RELEASE VALVES AT ALL HIGH POINTS OF FORCE MAINS.
- 3) THE CONTRACTOR SHALL PROVIDE FORCE MAIN MARKER AT 100' INTERVALS AND AT ALL DEFLECTION ANGLES WHERE FITTINGS ARE USED TO CHANGE HORIZONTAL ALIGNMENT. SEE SHEET #9 FOR DETAIL OF FORCE MAIN MARKER.
- 4) ALL FORCE MAINS ARE TO BE 2" PVC.



REVISION		DATE	DESCRIPTION
DESIGNED	HLR		PROFILES - PUMP STATIONS & FORCE MAINS FOR "ISLAND GREEN POINTE, PHASE II" at THE WATERS EDGE
DRAWN	AAC		PREPARED FOR WILLARD CONSTRUCTION OF ROANOKE VALLEY, INC. UNION HALL MAGISTERIAL DISTRICT FRANKLIN COUNTY, VIRGINIA
CHECKED	GLR		
LUMSDEN ASSOCIATES, P.C. ENGINEERS-SURVEYORS-PLANNERS ROANOKE, VIRGINIA			SCALE: 1" = 80' HORIZ. 1" = 10' VERT. COMM: *04-065
			DATE: 10 JAN. 1992 SHEET 8 of 11