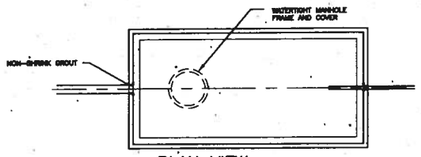
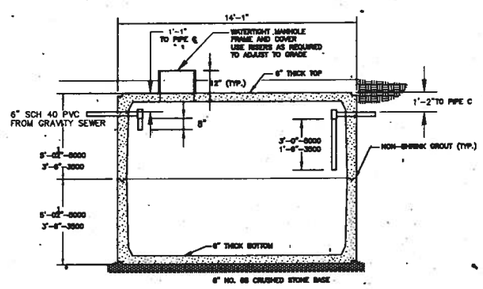
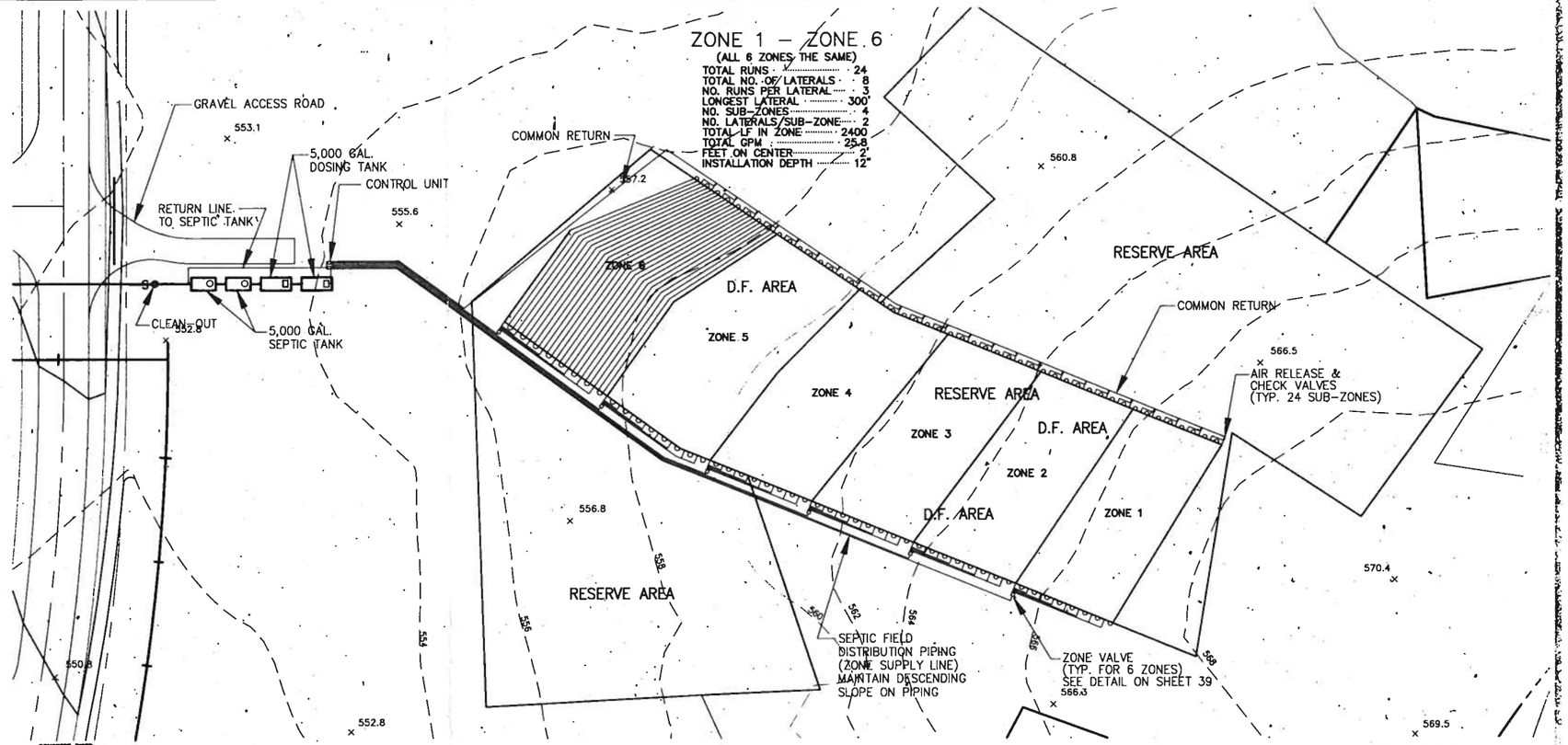


PLAN VIEW

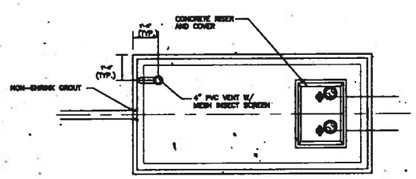


SEPTIC TANK DETAIL
SECTION VIEW

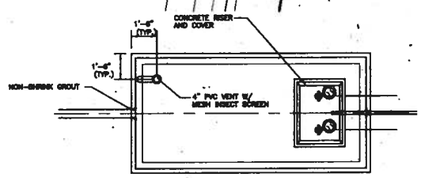


ZONE 1 – ZONE 6
(ALL 6 ZONES THE SAME)

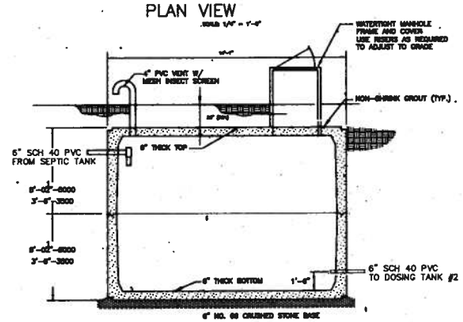
TOTAL RUNS	24
TOTAL NO. OF LATERALS	8
NO. RUNS PER LATERAL	3
LONGEST LATERAL	300'
NO. SUB-ZONES	4
NO. LATERALS/SUB-ZONE	2
TOTAL LF IN ZONE	2400
TOTAL GPM	25.8
FEET ON CENTER	2'
INSTALLATION DEPTH	12"



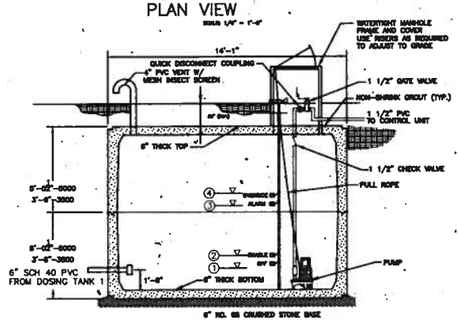
PLAN VIEW



PLAN VIEW



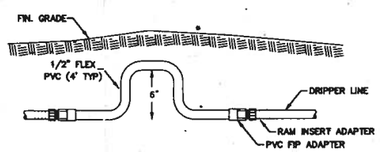
DOSING TANK 1 DETAIL
SECTION VIEW



DOSING TANK 2 DETAIL
SECTION VIEW

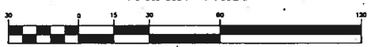
1. REDUNDANT OFF
2. DOSE ENABLE
3. ALARM
4. OVERRIDE

DRIP LINE LATERALS MUST BE PLACED ON CONTOUR WITHIN 1.5' OF ELEVATION DIFFERENCE ACROSS THE ENTIRE LATERAL. IN THE EVENT THE CONTOUR CHANGE ALONG THE LATERAL IS GREATER THAN 6" IN 50', CLAY WATER STOP DAMS SHALL BE INSTALLED IN THE LATERAL TO PREVENT WATER IN THE TRENCH FROM FOLLOWING THE PIPE DOWN THE SLOPE MORE THAN 50'.



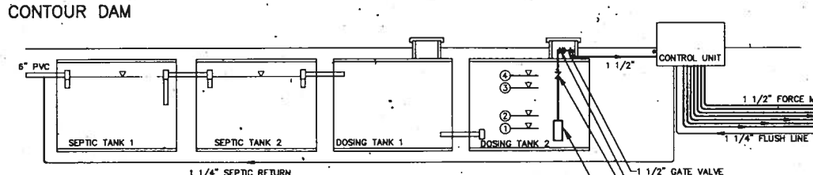
CONTOUR DAM

GRAPHIC SCALE



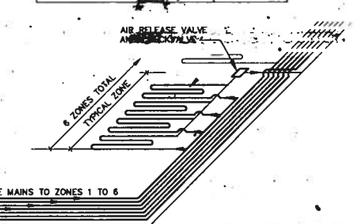
(IN FEET)
1 inch = 30 ft.

	POOL	STARPLEX
SEPTIC TANK 1		
INV. IN	551.72	537.40
INV. OUT	551.64	537.32
VOLUME	5,000 GAL.	3,500 GAL
SEPTIC TANK 2		
INV. IN	551.56	537.24
INV. OUT	551.48	537.16
VOLUME	5,000 GAL	3,500 GAL
DOSING TANK 1		
INV. IN	551.40	537.08
TANK INV.	542.69	528.37
INV. OUT	544.19	529.87
VOLUME	5,000 GAL.	5,000 GAL
DOSING TANK 2		
INV. IN	544.19	529.87
TANK INV.	542.69	528.37
REDUNDANT OFF	544.36	530.04
DOSE ENABLE	544.69	530.37
TIMER OVERRIDE	[illegible]	[illegible]
HIGH LEVEL FLOAT	[illegible]	530.83
VOLUME	[illegible]	5,000 GAL.



SEPTIC SYSTEM SCHEMATIC
NO SCALE

1. REDUNDANT OFF
2. DOSE ENABLE
3. TIMER OVERRIDE
4. HIGH LEVEL FLOAT



AS BUILT

NOT FOR CONSTRUCTION

No.	REVISIONS	DATE	CHKD.
1	REVISED DRAINFIELD LAYOUT & DOSING TANKS	9/12/97	MSB
2	REVISED SEPTIC TANK & DOSING TANK 2 DETAILS	9/17/97	MSB

PROFESSIONAL SEAL: COMMONWEALTH OF VIRGINIA — MARK STEVEN BIBBLE — No. 18272 — 9/17/97 — PROFESSIONAL ENGINEER

PROJECT:
FRANKLIN PARK
BLUE RIDGE ELECTION DISTRICT
LOUDOUN COUNTY, VIRGINIA

TITLE:
POOL COMPLEX
SEPTIC SYSTEM LAYOUT

PHR&A
Patton Harris Rust&Associates,pc
Engineers,Surveyors,Planners,Landscape Architects
116 N. Main Street
Bridgewater, Virginia 22812
540-828-2616

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Virginia Beach,Va.
Winchester,Va.

SURVEY	PDS	DATE	MAY 23, 199
DESIGN	QR/GIS	DRAWN	QR/TPR
CHKD.	MSB	SCALE	1"= 30' H
SHEET 38 OF 55		FILE NO.	9653-1-0