

GENERAL LEGEND

EXISTING	PROPOSED	DESCRIPTION
		TREE LINE
		MONUMENT OR AS NOTED
		IRON PIN FOUND
		PROPERTY CORNER
		PROPERTY BOUNDARY
		LIGHT POLE
		UTILITY POLE
		TELEPHONE PEDESTAL
		WATER METER
		FIRE HYDRANT
		WATER VALVE
		MANHOLE; SS, W or D
		CLEANOUT
		SANITARY PUMP STATION
		HV CONTROL POINT
		5' GRADES OR 10' GRADES
		1' GRADES OR 2' GRADES
		DOMESTIC WATER LINE
		OVERHEAD ELEC & TELEPHONE
		CREEK OR LARGE WATER SURFACE
		SWALE
		SPOT ELEVATION
		HIGH POINT, WITH ELEVATION
		FENCE
		DEMO

7.29 ACRE TRACT
PER 3/2/77 PLAT BY
DAVID E. SCOTT, CLS

EX. 10' WIDE DRAINAGE
AND ACCESS EASEMENT

HEAVILY WOODED AREA/RAVINE

13 130.46
CL RD
14 134.76
CL RD
15 135.66
CL RD

16 139.86
CL RD
17 141.74
CL RD

DEMO TREES - SEE DEMO NOTES

WOODED AREA

AUBON WATER CO PARCEL
30,592.286 sq.ft.
0.702 acres

BACKWASH TANKS
(2) 1500 GAL
SEPTIC TANKS

EX. WELL #2

EX. ATMOSPHERIC
TANK

EX. HYDRO TANK

REDBUD LANE
VA. RTE. 951

0.8 M.I. TO VA. HWY 122

4 LINES 54' LENGTH
DRAINFIELD ON CONTOUR
3' WIDE, 3' DEEP ON 6' CENTERS

DRAINFIELD SIZING BASED ON 3 X GRAVITY LOADING RATE:
GIVEN : VDH REGS = 100GAL/209 FT2 = .478 GPD/FT2
478 GPD/FT2 X 3 = 1.44 GPD/FT2
920 GPD / 1.44 GPD/FT2 = 639 FT2 OF DRAINFIELD IF
3' WIDE TRENCH = 213 LF OF DRAINFIELD.
(PER MARCIA DEGEN - DEQ ROANOKE 2/14/98)

BLOCK 3, LOT #10

PRIVATE GRAVEL DRIVE

LONG ISLAND DRIVE (50' R/W)

GRADING NOTES:
1. GRADE AS NECESSARY TO PROVIDE POSITIVE
DRAINAGE 3' AWAY FROM BUILDING.
2. PROVIDE DITCHES AS NECESSARY TO
PROVIDE DRAINAGE AWAY FROM BUILDING.

DEMOLITION NOTES:

1. ABANDON EXISTING WELL #3 IN ACCORDANCE WITH VDH "WATERWORKS REGULATIONS",
SECTION 12 VAC 5-590-840.B.14.c - PERMANENT ABANDONMENT. DEMO EXISTING WELL ENCLOSURE.
SAVE EXISTING POWER SUPPLY TO WELL # 3 FOR REUSE AT WELL #4.
2. DEMO TREES FROM ROAD TO BEYOND WELL #2 IN AREA BETWEEN WELL AND ATMOS. TANK.
3. DEMO TREES AS NECESSARY FOR DRAINFIELD.

GENERAL NOTES:

1. LOCATION OF SUPPLY FROM WELL #2 UNKNOWN. TIE INTO RAW WATER SUPPLY.

SMITH MOUNTAIN LAKE

BM 100.0
TOP OF SLAB

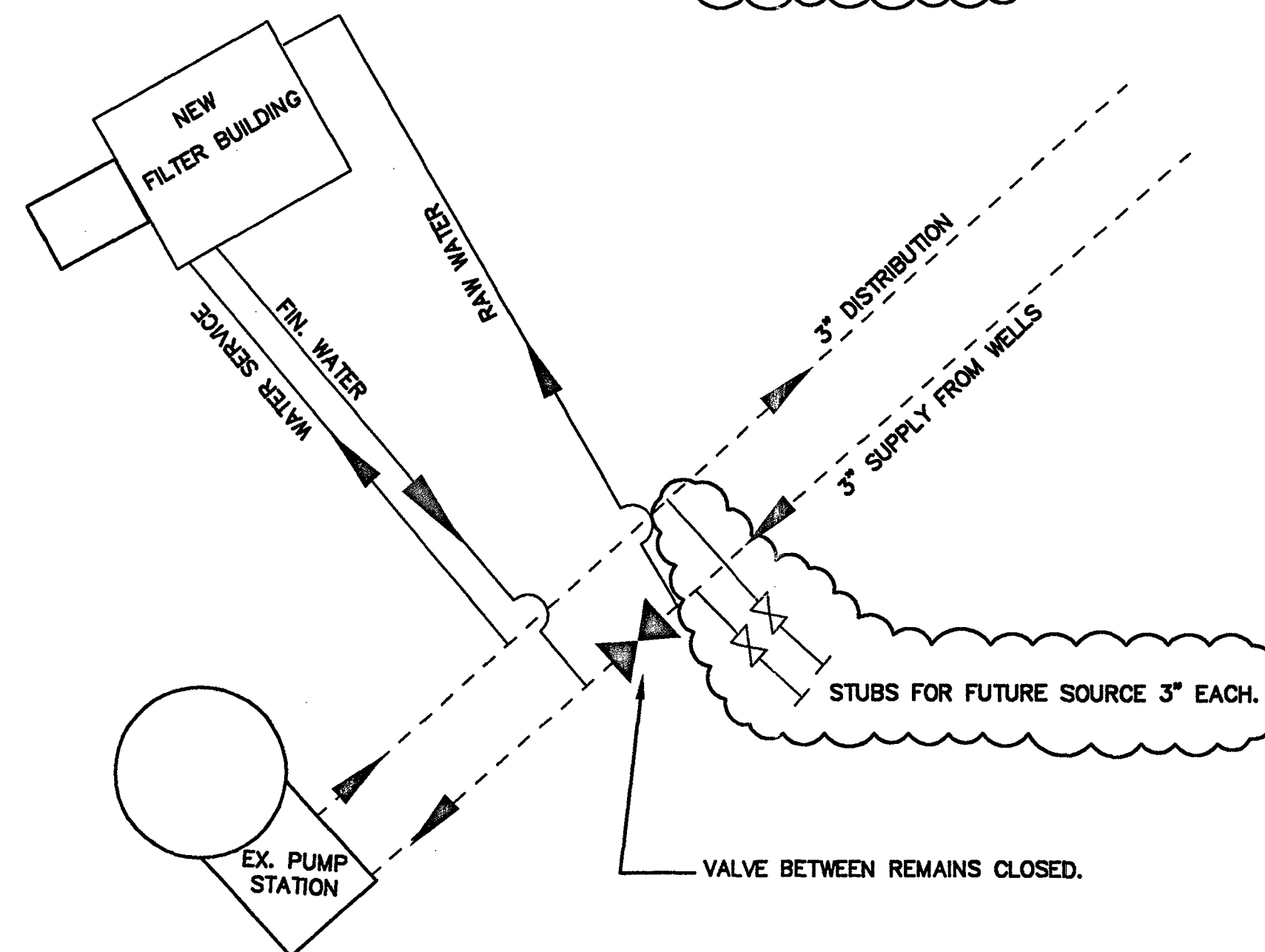
EX. WELL #3 &
WELL ENCLOSURE
PERMANENTLY ABANDON
SEE DEMO NOTES

PORTION OF LOT #10
BLOCK 3 CONVEYED TO
AUBON WATER CO.
SOURCE: MAP OF SECTION NO. 2
LONG ISLAND ESTATES
DATED MAY 31, 1981
M.B. 2 PG. 196
AND
DAVID B. SCOTT L.L.S.
PLAT DATED 3/2/77

VALVE VAULT
PORTION OF LOT #10

T# 0150200701

BENCHMARK
TOP OF CONCRETE SLAB
AT WELL #4 CASING
(ASSUMED) EL=100.00



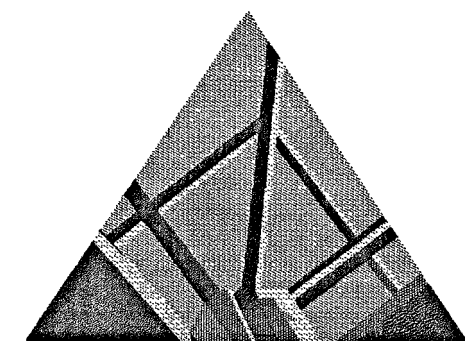
ENLARGED PLAN AS INDICATED
SCALE = 1:10

1" = 30'-0" 30' 20' 10' 0' 30' 60'

GRAPHIC SCALE

KEY PLAN

GENERAL NOTES

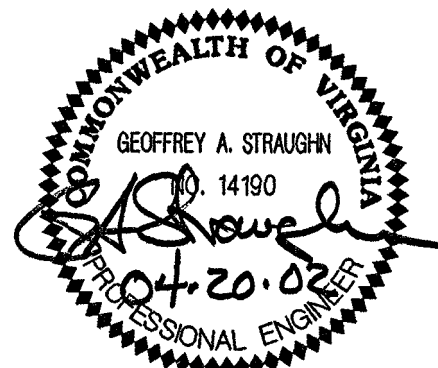


SPECTRUM DESIGN

325 MOUNTAIN AVE. ROANOKE, VIRGINIA 24016 540.345.8020
ROANOKE • MARION • VIRGINIA BEACH

Iron & Manganese
Removal Filter
LONG ISLAND
ESTATES

SPECTRUM DESIGN PROJECT NO. 99007



DATE 25 February 2000
DESIGN ARCHITECT
PROJECT ARCHITECT
PROJECT ENGINEER
CHECKED BY
DRAWN BY
REVISIONS
42" FILTER C.O.
GAS
GMR
NUMBER
DATE
4/20/02

SHEET TITLE

UTILITY PLAN
AND LEGEND

C101R