SEWAGE DISPOSAL SYSTEM DESIGN FOR CHURCH:

Projected Peak Daily Flow - 6,500 gpd

Effluent Disposal by Low Pressure Distribution System *
Initial System W/4 Disposal Cells - 3,200 lf / 4 = 800 lf/cell
Initial System - 10 trenches/cell @ 80.0 lf/ trench

Three (3) Reserve Systems Shown W/4 Cells Each
Reserve Trench Lengths Varies (see chart)

Treatment System -
Minimum Capacity - 2 x 6,500 gal = 13,000 gal
Provide 3 - 5,000 gal septic tanks
(tanks to be connected in series - last tank compartmentalized to provide for effluent pump station)

* see chart for design specifics for each system

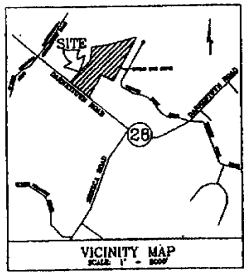
GENERAL NOTES:

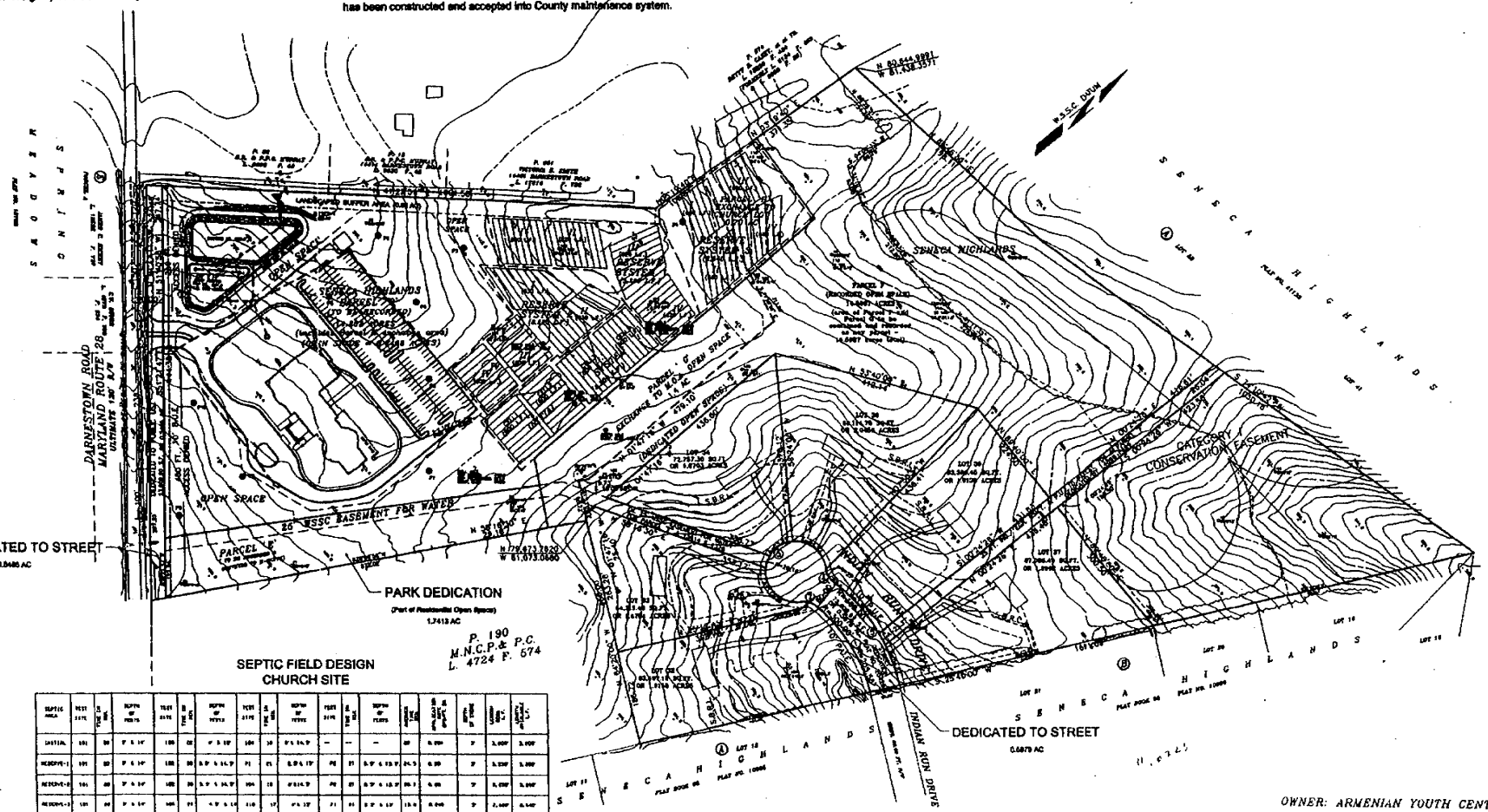
1. Area of property - 43.7444 ac
2. Existing zoning - Rural Cluster (RC)
3. No. of lots permitted - 8
4. No. of lots shown - 7 (6 residential lots; 1 church lot)
5. Open space required @ 60% - 26.24664 ac
6. Open space shown - 26.82 ac (see open space notes)
7. Site to be served by public water and on-site septic systems
8. Required setbacks:
   a. Frontyard - 50'
   b. Sideyards - 17' min, 35' total
   c. Rearyard - 35'
9. Stormwater management provided on-site for proposed church
10. Original Preliminary Plan approved by Planning Board on 7/27/95
11. Residential lots with street dedication recorded by plat on 5/23/97 (M-NCPPC Plat Book 903, Plat 99)
12. Indian Run Drive (approved grade establishment # 10692) has been constructed and accepted into County maintenance system.

OPEN SPACE NOTES:

1. Gross tract area - 43.7444 acres
2. Total open space required - 43.7444 x 60% = 26.2466 acres
3. Open space provided (residential portion):
   a. HOA Parcel (Parcel F - recorded) 14.8967 acres
   b. Net addition to HOA Parcel per plan - 0.70 acres
   b. Park Dedication (Parcel E) - 1.7413 acres
   d. Landscape Buffer Area - 0.66 acres
4. Total Residential Open Space Provided - 16.0 acres
5. Open space shown on church lot - 8.2466 acres
6. Total open space shown - 26.2466 acres

NOTE:
Exchange of the land between church lot and homeowner's association property (Parcel "D" for Parcel "H") shall be accomplished at time of platting. All signatures and/or documents necessary to transfer ownership must be provided no later than 45 calendar days after written notice requesting said signatures and or documents. If the necessary signatures and/or documents are not provided within the 45 days, as set out above, written notice of said default shall be sent to the homeowner's association, and the association shall have an additional 15 calendar days, from the date notice is sent, to cure its default. If all signatures and/or documents necessary to transfer ownership are still not provided after the 15 days as set out above, the agreement to exchange land becomes null and void, and the AYC shall retain Parcel D, and the homeowner's association shall retain Parcel H. The 15 calendar day time to cure default may be extended solely at the discretion of the M-NCPPC staff.





SEPTIC FIELD DESIGN CHURCH SITE

SEPTIC AREA	TEST SITE	TIME IN HRS.	DEPTH OF PERC'S	TEST SITE	TIME IN HRS.	DEPTH OF PERC'S	TEST SITE	TIME IN HRS.	DEPTH OF PERC'S	TEST SITE	TIME IN HRS.	DEPTH OF PERC'S	[illegible]	[illegible]	[illegible]	[illegible]
INITIAL	101	30	[illegible]	102	30	[illegible]	103	30	[illegible]	—	—	—	80	[illegible]	7	[illegible]
RESERVE-1	104	30	[illegible]	105	30	[illegible]	106	30	[illegible]	107	30	[illegible]	108	[illegible]	7	[illegible]
RESERVE-2	109	30	[illegible]	110	30	[illegible]	111	30	[illegible]	112	30	[illegible]	[illegible]	[illegible]	7	[illegible]
RESERVE-3	113	30	[illegible]	114	30	[illegible]	115	30	[illegible]	116	30	[illegible]	[illegible]	[illegible]	7	[illegible]

* THIS DATE PROVIDED BY THE OWNER OF HOPE

OWNER: ARMENIAN YOUTH CENTER OF GREATER WASHINGTON, INC.

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PRELIMINARY PLAN
ARMENIAN YOUTH CENTER OF GREATER WASHINGTON, INC.
Montgomery County, Maryland

SCALE: 1" = 100'

REVISION DATE: 5/19/04