GENERAL NOTES

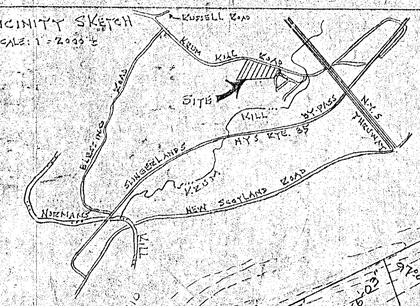
1. TOTAL AREA = 13 ACRES
2. AREA TO BE SUBDIVIDED INTO 23 LOTS, WITH MINIMUM LOT SIZE OF 14,500 ft²
3. MINIMUM FRONTAGE (100'), SETBACKS AND CLEARANCES AS PER TOWN REGULATIONS.
4. TOPOGRAPHY OBTAINED FROM SURVEY BY PAUL E. HITE, DELMAR, NEW YORK, DATED APRIL 4, 1972.
5. WATER MAINS SHALL BE CAST IRON OR ASBESTOS CEMENT PIPE AS APPROVED. HOUSE CONNECTIONS SHALL BE 1" TYPE K COPPER.

SANITARY SYSTEM NOTES

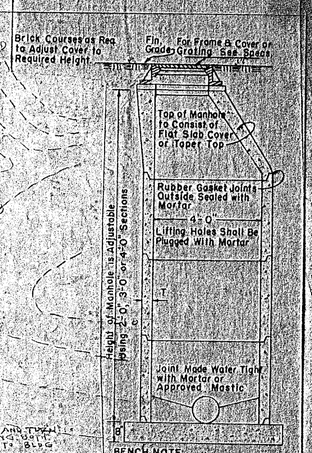
1. 1500 GAL. SEPTIC TANK SHALL BE PRECAST CONCRETE AS APPROVED BY THE STATE HEALTH DEPARTMENT, SIMILAR OR EQUAL TO FT. MILLER CO., INC.
2. DISTRIBUTION BOX SHALL BE PRECAST CONCRETE AS APPROVED, SIMILAR OR EQUAL TO MODEL 1-B AS MANUFACTURED BY FT. MILLER CO., INC.
3. TILE FIELD SHALL BE PERFORATED 4" Ø TILE OR SOIL PIPE INSTALLED AS SHOWN AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE HEALTH DEPT. (30' TRENCH - 6'-0" O.C.)
4. ALL PIPING OTHER THAN TILE FIELD SHALL HAVE TIGHT JOINTS.
5. ALL MINIMUM DISTANCES, MATERIALS, DETAILS AND CONSTRUCTION SHALL COMPLY WITH STANDARDS ACCEPTABLE TO THE STATE HEALTH DEPARTMENT AND AS SHOWN.
6. NO CHANGES SHALL BE MADE IN THE LOCATION OR DESIGN OF THIS SYSTEM UNLESS FIRST APPROVED BY THE STATE HEALTH DEPARTMENT.
7. (WHERE WATER LINES CROSS SANITARY SEWER, THE WATER LINE SHALL BE ABOVE THE SANITARY SEWER AND ENCASED AS PER DETAIL.
8. MIN. SLOPE FOR 4" Ø SEPTIC TANK EFFLUENT SHALL BE 1/8"/FT. MIN. SLOPE.
9. ALL SANITARY SEWERS SHALL BE APPROVED ASBESTOS CEMENT PIPE.
10. 4" Ø SANITARY SEWERS FOR LOTS A, B, C, K, L, M, & N SHALL ALSO BE INSTALLED TO FRONT PROPERTY LINE FOR CONNECTION TO "FUTURE SANITARY SEWERS" (4" Ø)

NOTE- LOTS A THRU F SHALL HAVE A COMBINED SANITARY DISPOSAL SYSTEM.

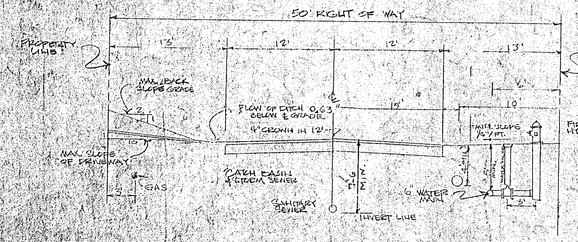
EACH BUILDING WILL HAVE INDIVIDUAL SEPTIC TANKS OF 1500 GAL. CAPACITY - FOR 6 BEDROOM BLDG. & 1000 GAL. CAPACITY FOR 4 BEDROOM BLDG. SEPTIC TANK EFFLUENT WILL BE COLLECTED TO A DOSING TANK AND SUB-SURFACE TILE FIELD. THE DOSING TANK WILL BE EQUIPPED WITH ALTERNATING SYPHONS - CAP [redacted] GALS. FOR 75% FIELD VOLUME. TILE FIELD DESIGN IS BASED ON SANITARY LOADING OF A TOTAL OF 32 BEDROOMS @ 150 GPD/B.R. = 4,800 GALS. USING A 20 MIN PERCOLATION RATE OF 1.1 GPD/FT² THE REQUIRED LEACHING AREA IS 4,370 FT². USING 36" TRENCHES, THE LENGTH OF TILE REQUIRED IS 1,457 FT. OR 24 LATERALS 60 FT. LONG = 1440 AND ENDS WILL BE CONNECTED. SURFACE DRAINAGE WILL BE DIVERTED FROM THE TILE FIELD DISPOSAL SYSTEM. DOSING TANK AND [redacted] SYPHONS WILL BE SIMILAR OR EQUAL TO FT. MILLER CO. #3 4/3" SYPHON SIZE. TILE FIELD DESIGN - PIPE, SLOPES, ETC. WILL BE IDENTICAL TO TYPICAL DETAIL ON DRAWINGS.



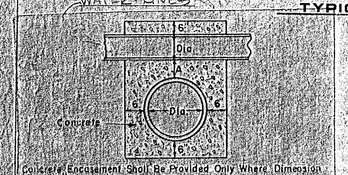
NOTE: M.H. FRAME & COVERS SHALL BE AS APPROVED BY TOWN OF BETLEHEM. ALL POURED CONCRETE SHALL BE PLACED ON TOP OF 6" GRAVEL MATERIAL.



REINFORCED CONCRETE PIPE MANHOLE OR CATCH BASIN FOR SEWERS UP TO 24" IN DIAMETER
PRECAST RISERS
Scale 3/8" = 1'-0"



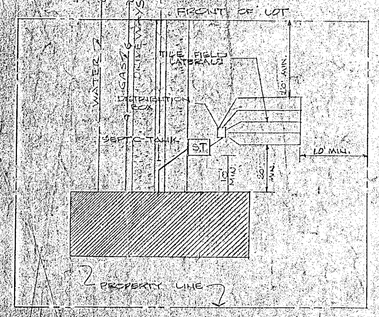
TYPICAL CROSS SECTION
SCALE 1/8" = 1'-0"



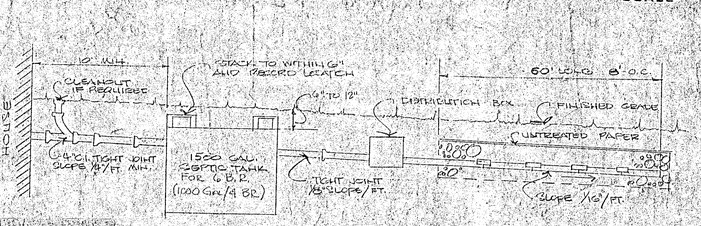
Concrete Encasement Shall Be Provided Only Where Dimension "A" Is 18" Less Or Where Ordered By The Engineer Where A Sewer Crosses Another Or Water Line At A Distance Greater Than 18" Above. A Length Of Cast Iron Class 100 Or Equal Shall Be Used In The Line To Bridge The Trench If And As Required.

TYPICAL SECTION PIPE INCASED IN CONCRETE
No Scale

PLOT PLAN
SCALE 1" = 40'



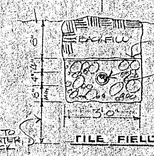
TYPICAL DISPOSAL SYSTEM
NO SCALE



TYPICAL SEPTIC SYSTEM DETAIL
NO SCALE

LOT No.	DEPTH	PERC. RATE	LENGTH OF TILE FIELD (CONTINUOUS TRENCH) 3 BR.	4 BR.	6 BR.
K THRU U	25 MIN	1.00	180	250	376 (6@63)
H THRU J	15 MIN	1.02	153	204 (4@51)	

TILE FIELD REQUIREMENTS



TILE FIELD DETAIL

INCHES
Town of Bethlehem, NY

ALBANY COUNTY DEPARTMENT OF HEALTH

This is to certify that the proposed arrangements for water supply and sewerage for Olympian Gardens in the Town of Bethlehem, Albany County, are approved subject to the conditions listed in letter of this date and in accordance with Article X of the Albany County Sanitary Code. Consent is hereby given for the filing of this map in the Office of the Albany County Clerk.

JUN 7 1974
Date

Commissioner of Health

Thomas J. Bruno
Dir. Div. Environmental Health Services

PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK

This plat APPROVED subject to such conditions as are stated in Planning Board Certificate of Approval No. 154 dated June 4, 1974

Gail Clark
Title Betty Chipman
Date June 13, 1974

LEGEND

- SYSTEM CONTROLS
- EAST UTILITY POLE
- PROPERTY LINE
- TEST PIT
- PERC. TEST
- SANITARY SEWER
- STORM SEWER
- WATER LINE - C.I.
- HYDRANT
- VALVE
- SAN. MANHOLE
- CATCH BASIN
- GAS

1. MAP REVISED APRIL 30, 1974 TO COMPLY WITH REQUIREMENTS OF BETHLEHEM AND ALBANY COUNTY FOR APPROVAL
2. MAP REVISED MAY 28, 1974 TO SHOW LOT DIMENSIONS (AREAS ALSO) AND LOCATION BY LEACH FIELD

OLYMPIAN GARDENS

TOWN OF BETHLEHEM
ALBANY COUNTY NEW YORK

ATHANASIOS KONTOGIANNIS
OWNER AND DEVELOPER

DATE	SCALE	DRAWN BY	DRAWING NO.
JULY 10, 1973 REV. 12-15-73/2-11-74	AS NOTED		1 OF 2

DONALD J. RUDOLPH P.E.
14 THUNDERBIRD DRIVE
BALLSTON LAKE, NEW YORK 12019
RE. LIC. NO. 041317 NY