

**GENERAL NOTES**

- TOTAL AREA = 10 ACRES
- AREA TO BE SUBDIVIDED INTO 23 LOTS, WITH MINIMUM LOT SIZE OF 14,500 SQ. FT.
- MINIMUM FRONTAGE (100') SETBACKS AND CLEARANCES AS PER TOWN REGULATIONS.
- TOPOGRAPHY OBTAINED FROM SURVEY BY PAUL E. HITE, DELMAR, NEW YORK.
- WATER MAINS SHALL BE CAST IRON OR ASBESTOS CEMENT PIPE AS APPROVED HOUSE CONNECTIONS SHALL BE 1" TYPE K COPPER.

**SANITARY SYSTEM NOTES**

- 1500 GAL. SEPTIC TANKS SHALL BE PRECAST CONCRETE AS APPROVED BY THE STATE HEALTH DEPARTMENT, EQUAL TO FT. MILLER CO. INC.
- DISTRIBUTION BOX SHALL BE PRECAST CONCRETE AS APPROVED SIMILAR OR EQUAL TO MODEL I-B-12 MANUFACTURED BY FT. MILLER CO. INC.
- TILE FIELD SHALL BE PERFORMED 4" TILE OR GOLF PIPE INSTALLED AS SHOWN AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE HEALTH DEPT. (36 TRENCH 30" O.C.)
- ALL PIPING, OTHER THAN TILE FIELD SHALL HAVE TIGHT JOINTS.
- ALL MINIMUM DISTANCES, MATERIALS, DETAILS AND CONSTRUCTION SHALL COMPLY WITH STANDARDS ACCEPTABLE TO THE STATE HEALTH DEPARTMENT AND AS SHOWN.
- NO CHANGES SHALL BE MADE IN THE LOCATION OR DESIGN OF THIS SYSTEM WITHOUT APPROVAL BY THE STATE HEALTH DEPARTMENT.
- WHERE WATER LINES CROSS SANITARY SEWER, THE WATER LINE SHALL BE ABOVE THE SANITARY SEWER AND ENCASED AS PER DETAIL.
- MIN. SLOPE FOR 4" SEPTIC TANK EFFLUENT SHALL BE 1/8" / FT. MIN. SLOPE FOR 6" LINE SHALL BE 0.55%.
- ALL SANITARY SEWERS SHALL BE APPROVED ASBESTOS CEMENT PIPE.
- ALL SANITARY SEWERS FOR LOTS A, B, C, K, L, N, P, R SHALL ALSO BE INSTALLED TO FRONT PROPERTY LINE FOR CONNECTION TO FUTURE SANITARY SEWERS. (10')

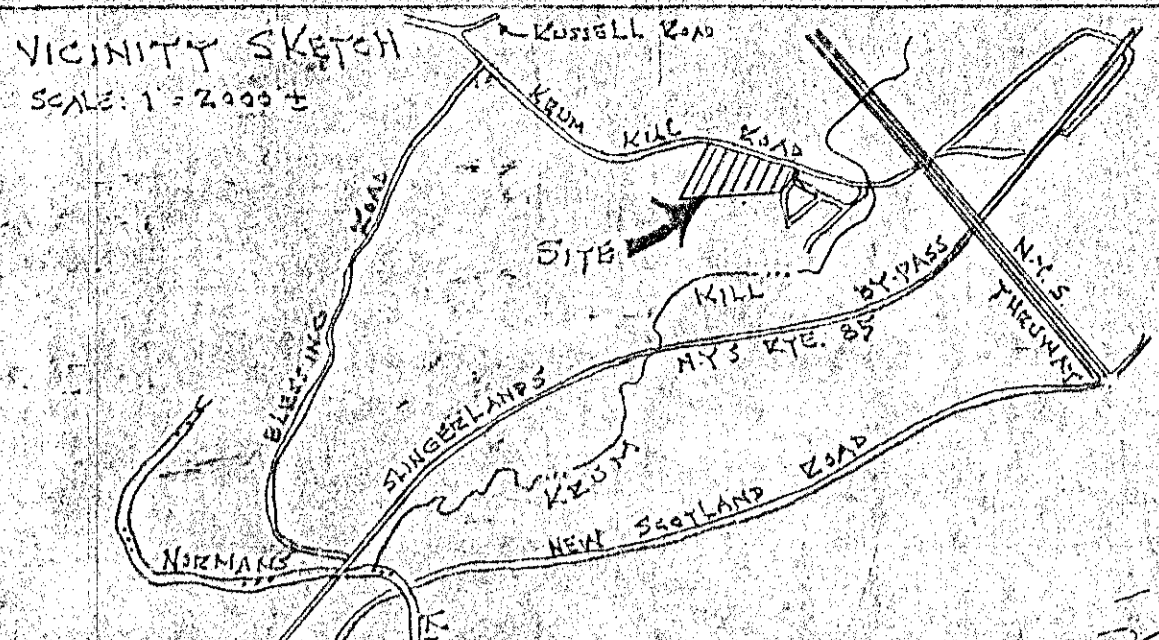
**NOTE:** LOTS A THRU F SHALL HAVE A COMBINED SANITARY DISPOSAL SYSTEM.

EACH BUILDING WILL HAVE INDIVIDUAL SEPTIC TANKS OF 1500 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. 1000 GALS FOR 75% FIELD VOLUME. TILE FIELD DESIGN IS BASED ON SANITARY LOADING OF A TOTAL OF 32 BEDROOMS @ 150 GPD/BR. = 4,800 GALS. USING A 20 MIN PERCOLATION RATE OF 1.1 GPD/FT<sup>2</sup> THE REQUIRED LEACHING AREA IS 4,370 FT<sup>2</sup> USING 36" TRENCHES THE LENGTH OF TILE REQUIRED IS 1,145 FT. OR 24 LATERALS 40 FT LONG = 1,440 AND ENDS WILL BE CONNECTED.

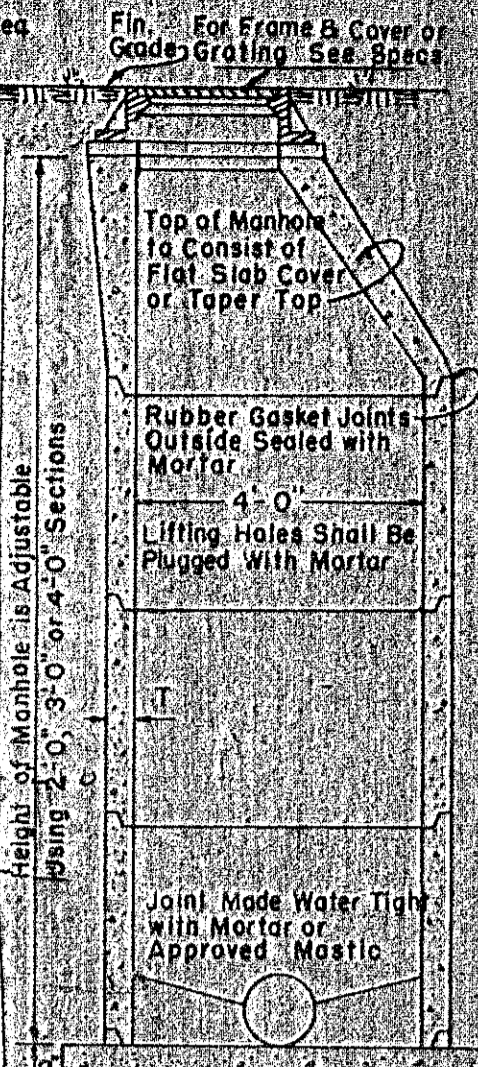
SURFACE DRAINAGE WILL BE DIVERTED FROM THE TILE FIELD DISPOSAL SYSTEM.

DOSING TANK AND SYPHONS WILL BE SIMILAR OR EQUAL TO FT. MILLER CO. # 3 W/ 3" SYPHON SIZE.

TILE FIELD DESIGN - PIPE SLOPE 2% WILL BE IDENTICAL TO TYPICAL DETAIL ON DRAWINGS.

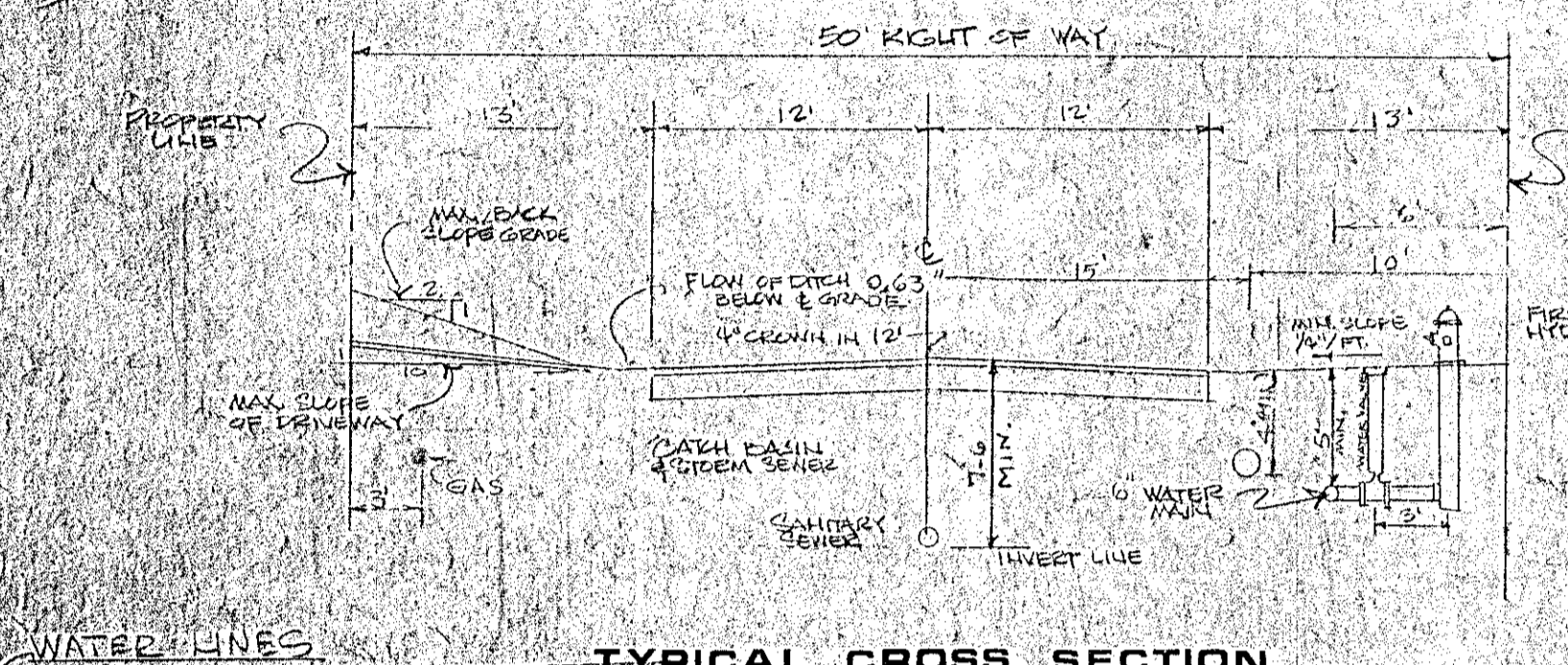


**NOTE:** M.H. FRAME & COVERS SHALL BE AS APPROVED BY TOWN OF BETHLEHEM. ALL ROUNDED CORNERS SHALL BE 1/4" ROUNDED ON MIN. OF 6" BRASS/INCH MATERIAL.

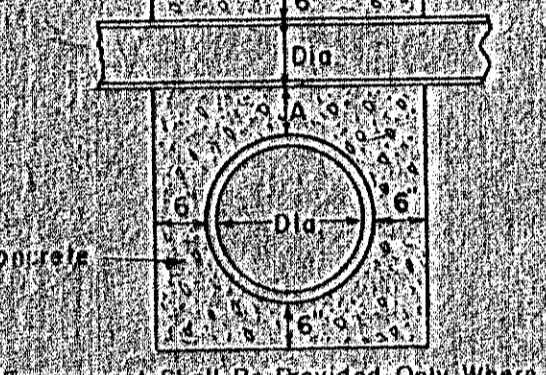


**BENCH NOTE:** No Sanitary Sewer Manhole Shall Be Accepted Without Brick Bench For More Joint Water Tight & Provide Channels For Sewer Flow. For Storm Sewers Concrete Bench or Precast Side Wall Section is Acceptable.

**REINFORCED CONCRETE PIPE, MANHOLE OR CATCH BASIN FOR SEWERS UP TO 24" IN. DIAMETER (PRECAST RISERS) SCALE 3/8" = 1'-0"**

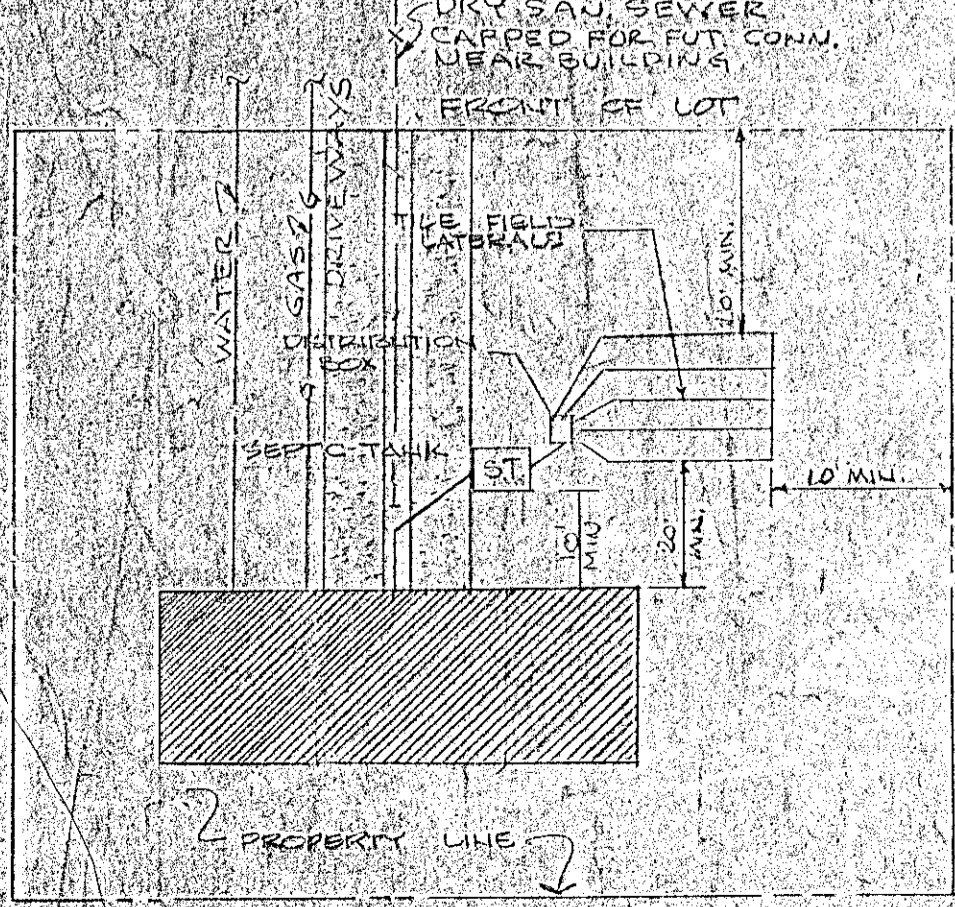


**TYPICAL CROSS SECTION**  
SCALE 1/8" = 1'-0"

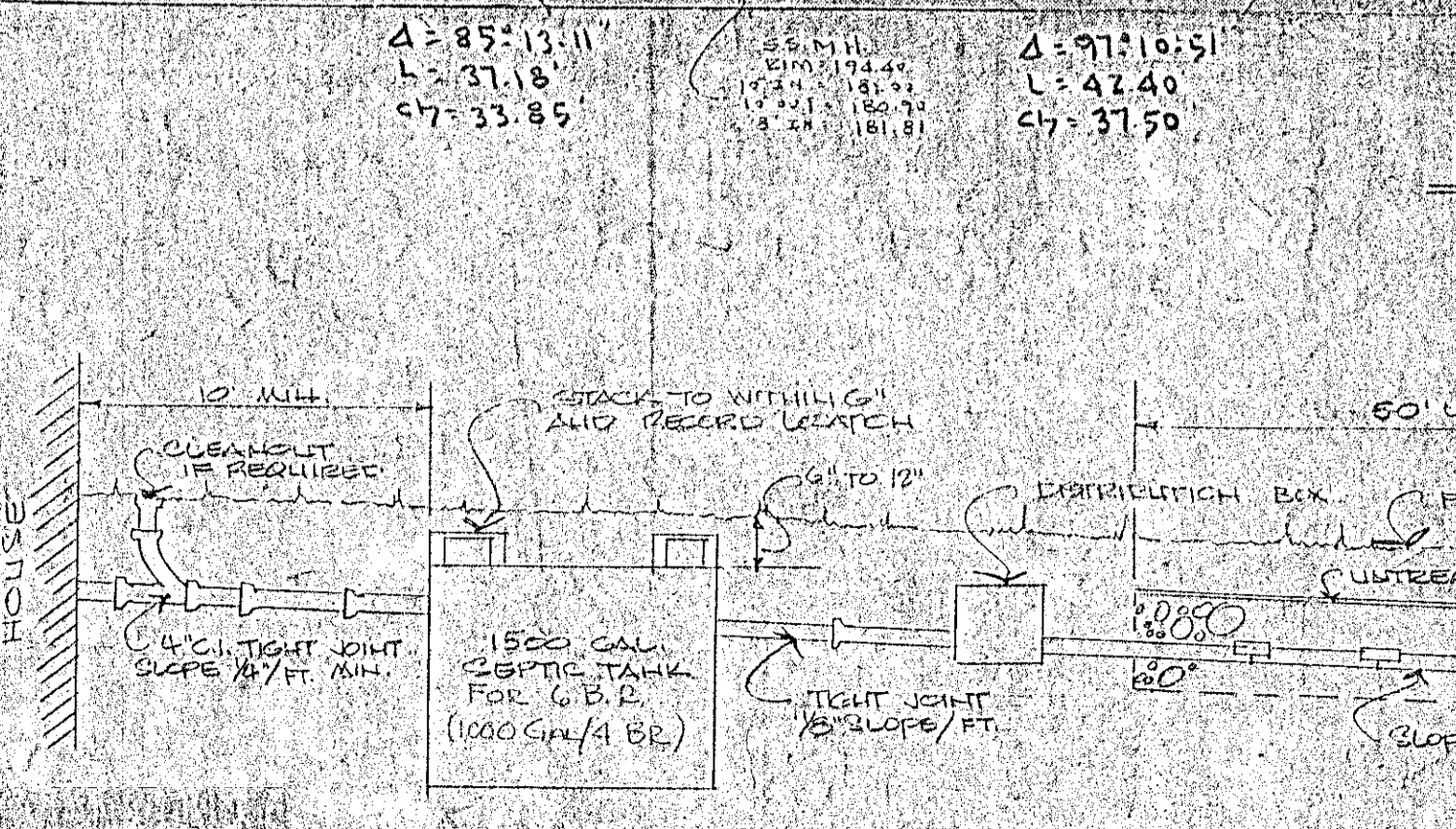


**TYPICAL SECTION PIPE ENCASED IN CONCRETE**  
NO SCALE

Vertical Encasement Shall Be Provided Only Where Dimension is Less Than 18" Or Where Ordered. Where Encasement is Required, It Shall Be 18" Above A Layer of 4" Crushed Stone, 100% of Equal Size, to Be Used in the Line to Bridge the Trench and All Sides.



**TYPICAL DISPOSAL SYSTEM**  
NO SCALE

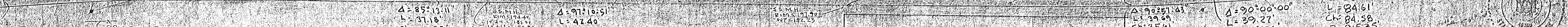


**TYPICAL SEPTIC SYSTEM DETAIL**  
NO SCALE

LOT NO.	LENGTH	PERCE RATE	24" DIA.	4" DIA.	6" DIA.
K THRU U	25' MIN	1.88	250	376	(60.63')
H THRU J	15' MIN	3.02	153	224	(48.51')

**TILE FIELD REQUIREMENTS**

**PLOT PLAN**  
SCALE 1" = 40'



ALBANY COUNTY DEPARTMENT OF HEALTH

This is to certify that the proposed arrangements for water supply and sewerage for Olympian Gardens and other developments in the Town of Bethlehem are approved subject to the conditions listed in letter of this date, and in accordance with Art. 25 of the Albany County Sanitary Code. This approval is hereby given for the filing of this map in the office of the Albany County Clerk.

Date: **JUN 7 1974**

*Thomas J. Truini*  
Commissioner of Health  
City 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 19, 1974.

*Donald J. Rudolph, Jr.*  
Title: Commissioner  
Date: June 19, 1974

**OLYMPIAN GARDENS**

TOWN OF BETHLEHEM  
ALBANY COUNTY NEW YORK

**ATHANASIOS KOTGOIANNIS**  
OWNER AND DEVELOPER

DATE	SCALE	DRAWN BY	DRAWING NO.
JUN 10, 1973	AS NOTED	1973-2512	
REV. 12-15-73	2-11-74		

**DONALD J. RUDOLPH JR.**  
14 THUNDERBIRD DRIVE  
BALDWIN LAKE, NEW YORK 12019  
REV. LIC. NO. 041917-N