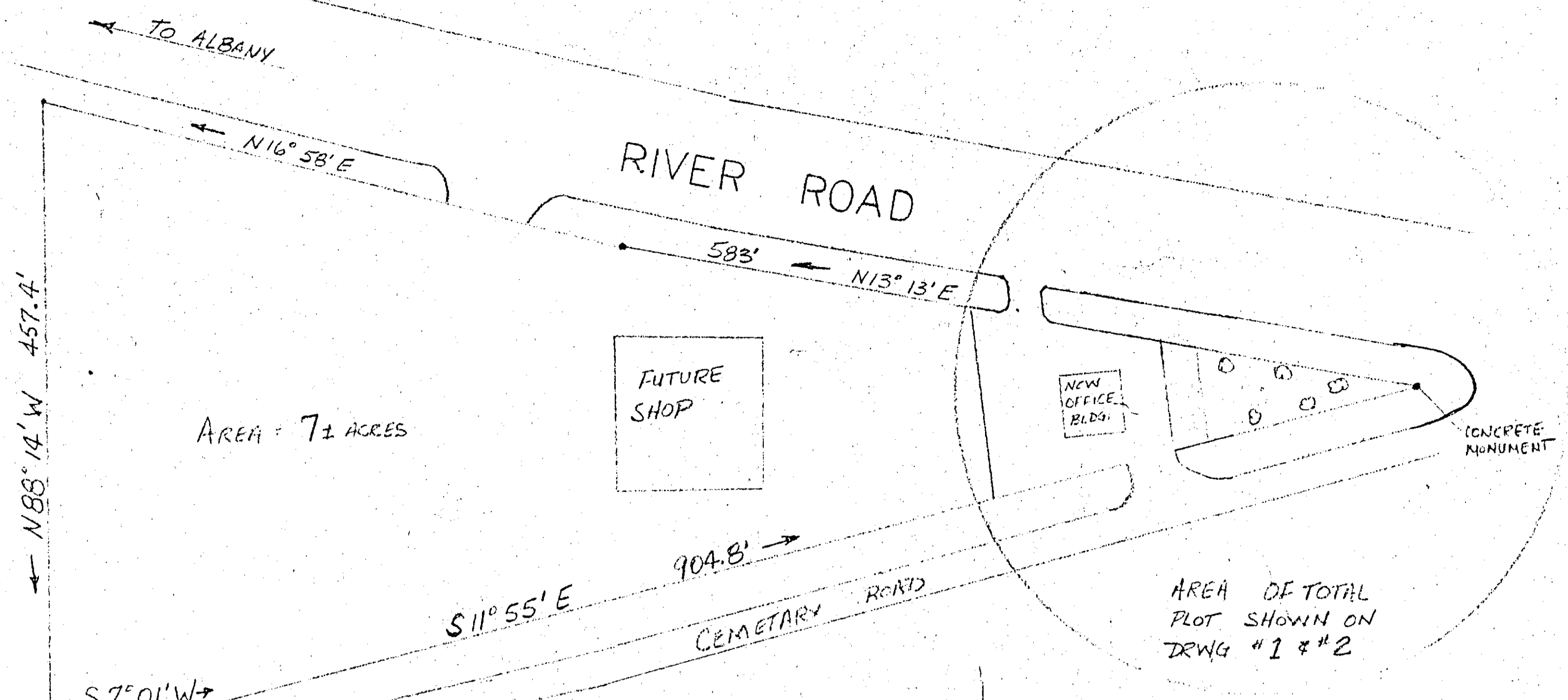


**WELL DATA**

WELL IS 4" DRILLED TO 4'-0" BY HANSON WELL DRILLING CO. 6" STEEL CASING DRIVEN TO ROCK AT 60'-0". CASING EXTENDS 24" ABOVE GRADE AND IS EQUIPPED AT TOP WITH AIRLIFT MOTOR WHICH IS SUBMERSIBLE. BEYOND 24" IS PERFORATED TILE WITH 1/2" AIR HOLES. PIPE INSIDE WELL IS 1 1/2" GALV. STEEL TO POINT 5'-0" BELOW GRADE WHERE CONNECTS TO HANSON S-40 FITLESS BRASS. FROM THIS POINT TO MAIN 1/2" S-40 THERE IS 1 1/2" GALV. PIPE. AT POINT OF MAIN IS CONTROL CENTER VALVE WITH CHECK ATTACHED TO THIS IS THERMOSTAT SWITCH AND GATE AND SWITCH. ALSO 30 GAL. TANK IS AUTOMATIC AIR VOLUME CONTROL THAT MAINTAINS 35 GAL. WATER UNDER 20" PRESSURE AT ALL TIMES. IN CASE OF TANK FAILURE THIS PRESSURIZED STORAGE IS MADE TO MAINTAIN 15" PRESSURE. REQUIREMENTS FOR 1000 GPD. AIR LIFT DOWN TIME GOVERNED BY PUMP CAPACITY.

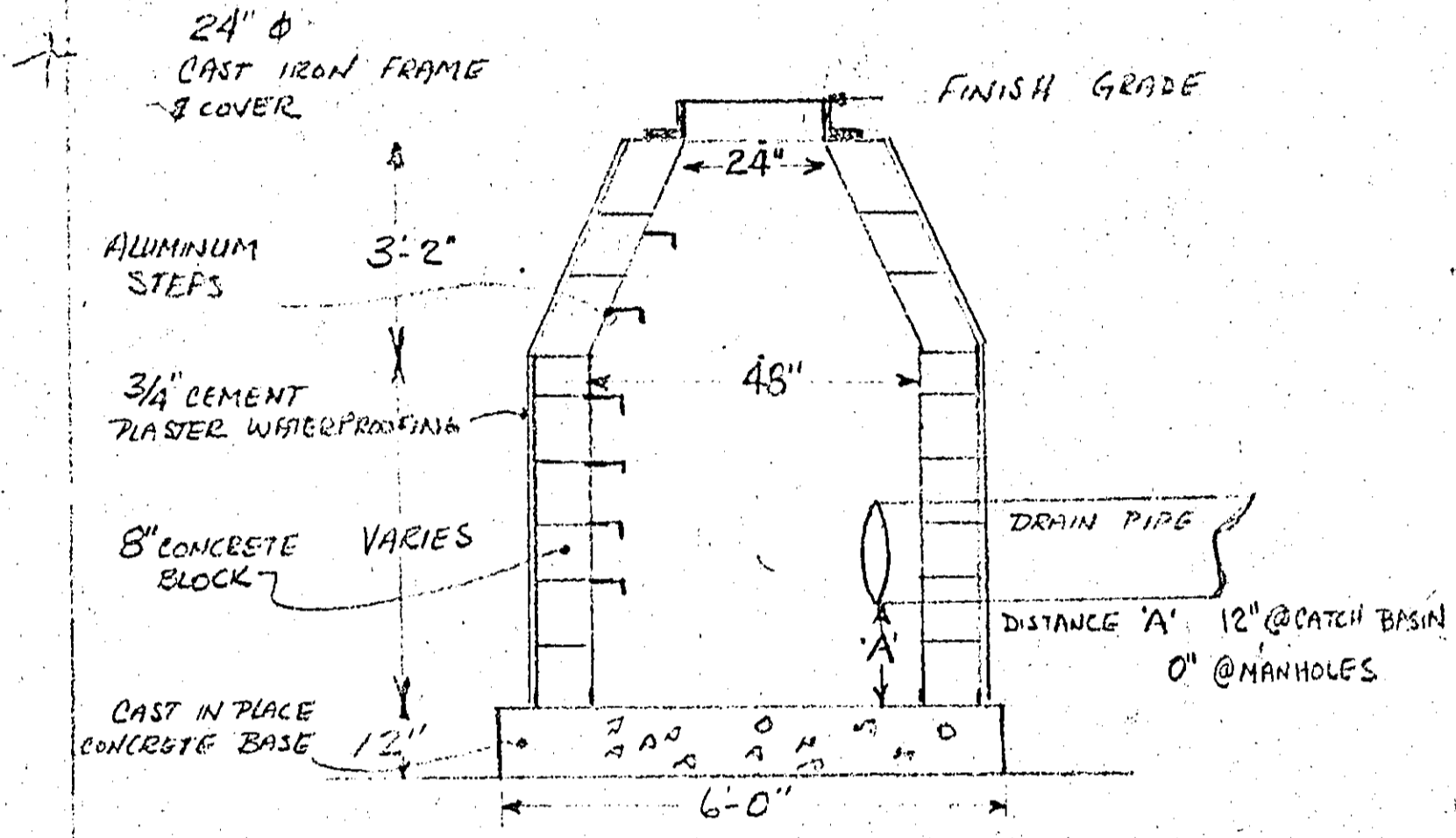
**SECTION A-A**  
APPROX 60" CLEAN COARSE SAND FILL AT ENTIRE DRAINAGE AREA TO BRING SITE TO ROAD LEVEL

**SECTION B-B**  
4'-6" FILL OF CLEAN COARSE SAND  
SUBGRADE UNDER DRAINAGE FIELD ELEV 92.00

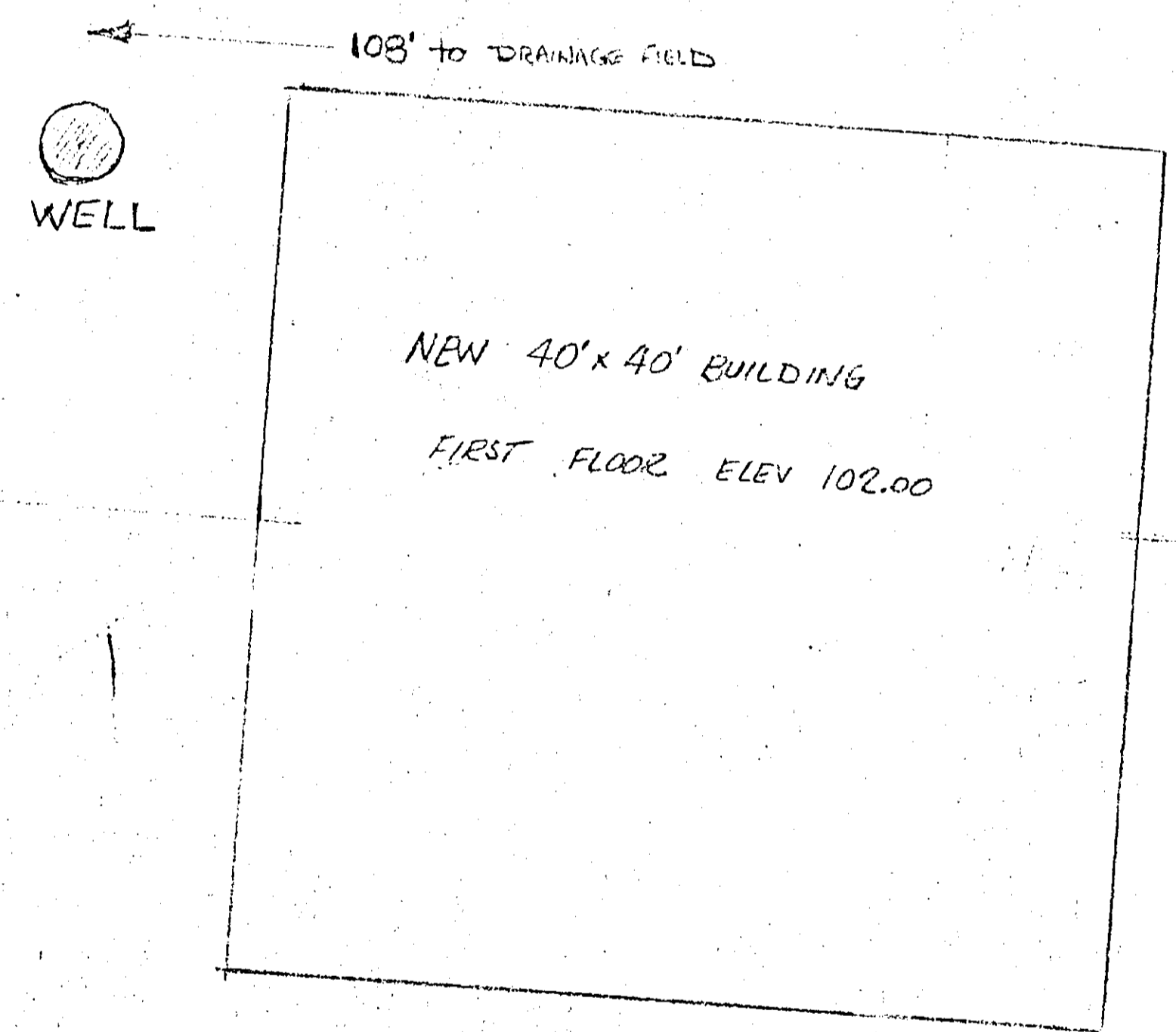


**PLOT PLAN**  
SCALE 1"=100'

A MAP OF A PORTION OF LAND FORMERLY OF ROBERT E. HALTER TOWN OF BETHLEHEM COUNTY OF ALBANY STATE OF NEW YORK

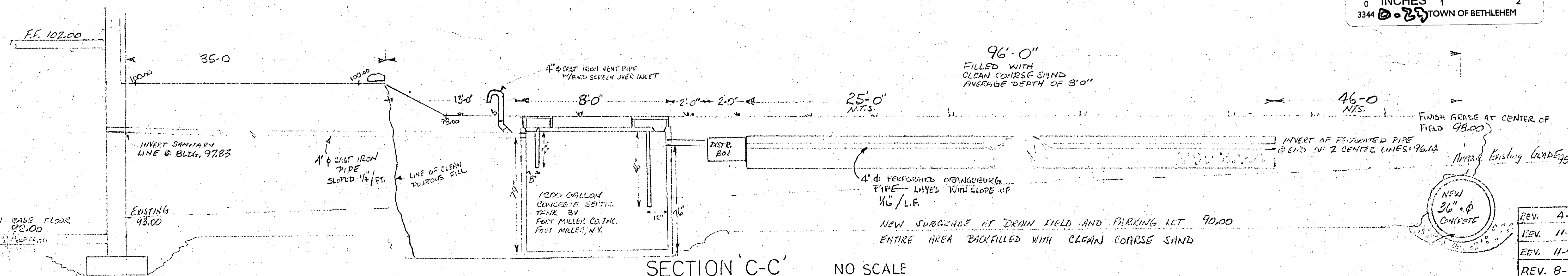
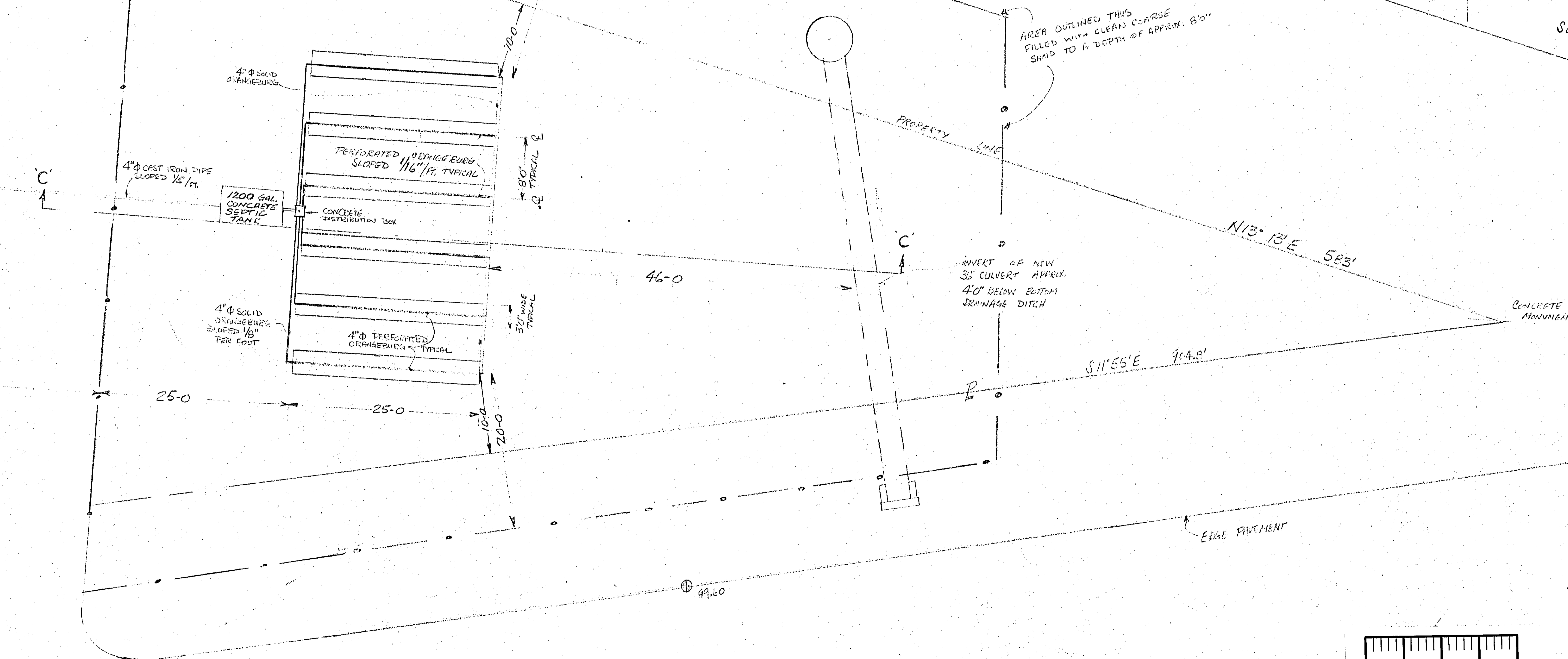


**SECTION OF TYPICAL MANHOLE AND CATCH BASIN**



**DESIGN CRITERIA**

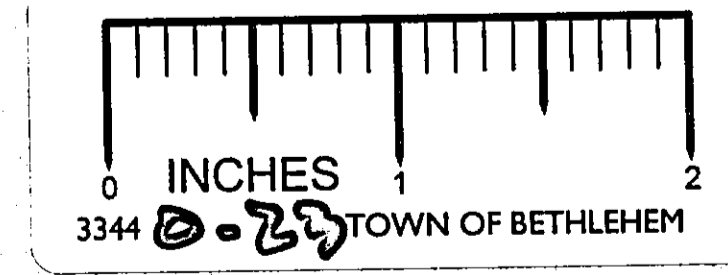
SOIL PERCOLATION RATE IS 0.5 GAL PER SQ. FT. PER DAY. INTENDED USE TO BE THREE WORKERS AT 35 GALS. EACH PER DAY OR 105 GALS. PER DAY. FIELD TO HAVE SIX LINES OF 25' EACH BY THREE FEET WIDE OR 450 SQ. FT. TRENCH BOTTOM WITH A CAPACITY OF 225 GALS PER DAY. ENTIRE AREA IS OUTLINED ON PLAN TO BE LEVELLED TO NEW SUBGRADE OF 90.00. CLEAN COARSE SAND WILL THEN BE PLACED IN ENTIRE AREA UP TO FINISH GRADE CONTAINING ITS SHEEN ON PLAN #1. IN IMMEDIATE AREA OF DRAINAGE FIELD CLEAN COARSE SAND FILL WILL BE APPROX 8'-0" DEEP. PIPE USED FOR DISTRIBUTION WILL BE 4" Ø. SOLID DRAINAGE PIPE USED AS INTERVENS IN DRAIN FIELD WILL BE 4" Ø PERFORATED DRAINAGE PIPE LAYED WITH HOLES DOWN. SEPTIC TANK AND DISTRIBUTION PIPING WILL BE APPROX CONCRETE PIPE AS MADE BY FORT MILLER CO. ALL PER SUBMITTALS. GRAVEL IN FIELD TRENCHES WILL BE CLEAN WASHED 1/2" GRAVEL.



**SECTION C-C** NO SCALE

**APPROVED**

NOV 29 1970  
BUILDING INSPECTOR  
TOWN OF BETHLEHEM



OFFICE BUILDING  
GLENNMONT, N.Y.  
A. BOHL CONTRACTING CO.  
SANITARY

LANGE-FINN CONST. CO. INC.  
DRWN. BY - WML  
SCALE 1"=10'  
0-232