



SEWAGE TREATMENT DESIGN DATA

NUMBER OF EMPLOYEES PER DAY	610 (3 SHIFTS OF 200 EACH)
MAX. NUMBER OF EMPLOYEES PER SHIFT	224
SYSTEM DESIGNED ON BASIS OF	25 GAL PER MAN PER DAY
SHOWER WATER PER DAY	11432 GAL
SANITARY SEWAGE PER DAY	3812 GAL
TOTAL SEWAGE PER DAY	15250 GAL
SEPTIC TANK (OBTAINED FROM DATA)	1021 - 4135 GAL DESIGN SIZE 4200 GAL
GREASE TRAP (5 HR. RETENTION)	3813 GAL DESIGN SIZE 4100 GAL
SAND FILTER (175000 GAL PER HOUR PER DAY)	6800" DESIGN SIZE 7000" GAL
DESIGN SIZE 2" DESS. EACH	6710"
DOSING TANK CAP.	8890 GAL - 41150 FT ³ - 121' DIAM - 30' HIGH
CHLORINATION TANK	1800 GAL - 8' DIAM - 30' HIGH

I ROAD SAMPLES

GA-89-A	SURFACE CONTIGUOUS	I	3-1/2" DIA.
DWG. NO.	REFERENCE	II	3-1/2" DIA.

LOCATION PLAN

MOORE CHANGE HOUSE - MINE #55
WEST BETHLEHEM TWP. - WASHINGTON COUNTY
ELLSWORTH DIVISION - MARIETTA DAM

BETHLEHEM STEEL CO.
OPERATED BY
BETHLEHEM MINES CORP.
BETHLEHEM, PENNA.

DWG. NO. 5-655 - CIV. ENGINEER - R. E. SCOTT
DATE 7-1-55
APPROVED BY [Signature] DWG. NO. 5882-3