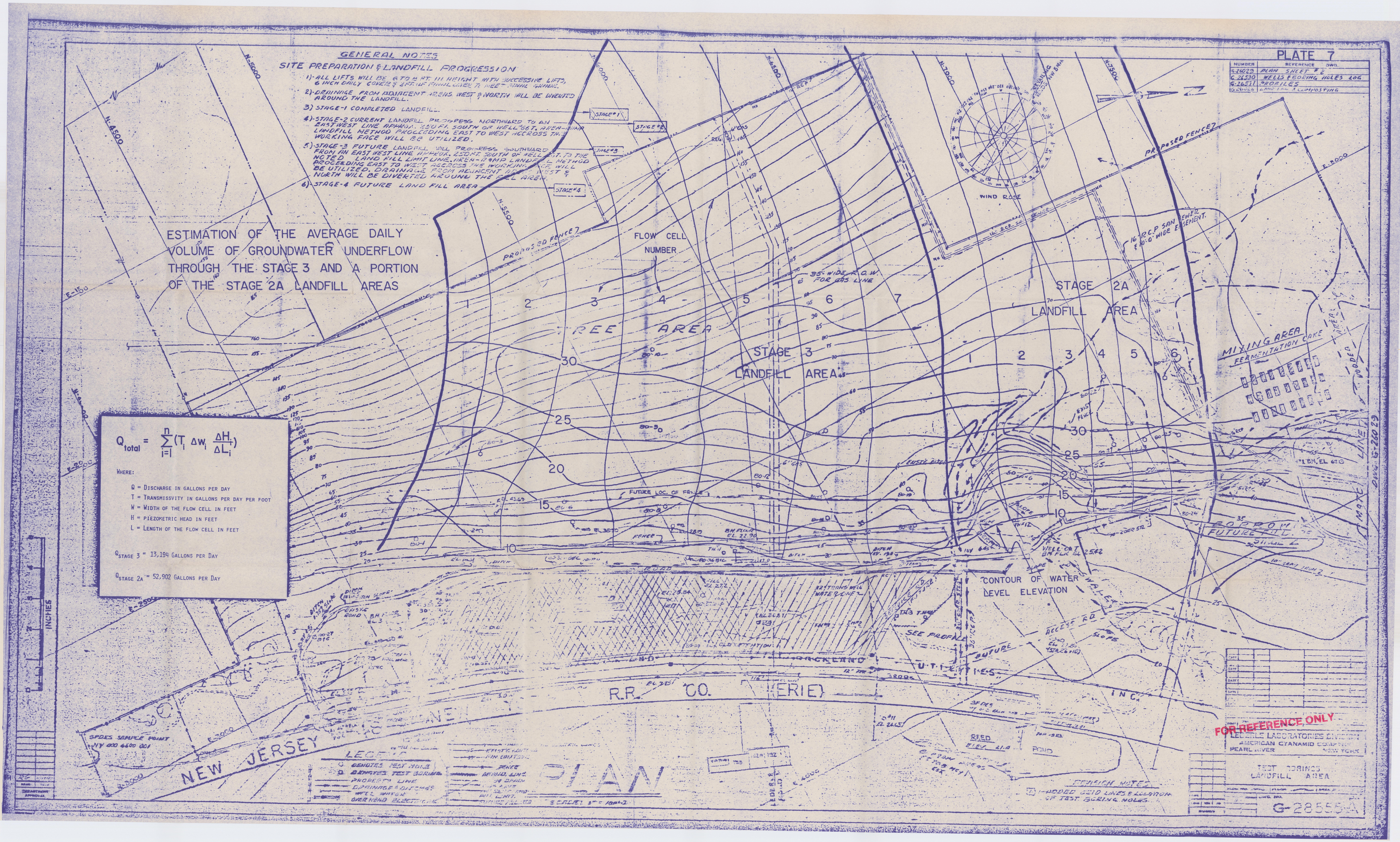
PLATE 7
GENERAL NOTES
SITE PREPARATION & LANDFILL PROGRESSION
1)-ALL LIFTS WILL BE 6 TO 8 FT. IN HEIGHT WITH SUCCESSIVE LIFTS, 6 INCH DAILY COVER & 2 FT. OF FINAL COVER TO MEET FINAL GRADE.
2)-DRAINAGE FROM ADJACENT AREAS WEST & NORTH WILL BE DIVERTED AROUND THE LANDFILL.
3) STAGE-1 COMPLETED LANDFILL.
4)-STAGE-2 CURRENT LANDFILL PROGRESS NORTHWARD TO AN EAST WEST LINE APPROX. 250 FT. SOUTH OF WELL #66T. AREA-RAMP LANDFILL METHOD PROCEEDING EAST TO WEST ACCROSS THE WORKING FACE WILL BE UTILIZED.
5)-STAGE-3 FUTURE LANDFILL WILL PROGRESS SOUTHWARD FROM AN EAST WEST LINE APPROX. 250 FT. SOUTH OF WELL #66T. TO THE NOTED LAND FILL LIMIT LINE. AREA-RAMP LANDFILL METHOD PROCEEDING EAST TO WEST ACCROSS THE WORKING FACE WILL BE UTILIZED. DRAINAGE FROM ADJACENT AREAS WEST & NORTH WILL BE DIVERTED AROUND THE FILL AREA.
6)-STAGE-4 FUTURE LAND FILL AREA
STAGE #1
STAGE #2
STAGE #3
STAGE #4
ESTIMATION OF THE AVERAGE DAILY VOLUME OF GROUNDWATER UNDERFLOW THROUGH THE STAGE 3 AND A PORTION OF THE STAGE 2A LANDFILL AREAS
$Q_{total} = \sum_{i=1}^{n} (T_i \, \Delta w_i \, \frac{\Delta H_i}{\Delta L_i})$
WHERE:
Q = DISCHARGE IN GALLONS PER DAY
T = TRANSMISSVITY IN GALLONS PER DAY PER FOOT
W = WIDTH OF THE FLOW CELL IN FEET
H = PIEZOMETRIC HEAD IN FEET
L = LENGTH OF THE FLOW CELL IN FEET
$Q_{STAGE\ 3}$ = 13,194 GALLONS PER DAY
$Q_{STAGE\ 2A}$ = 52,902 GALLONS PER DAY
FLOW CELL NUMBER
STAGE 3 LANDFILL AREA
STAGE 2A LANDFILL AREA
TREE AREA
MIXING AREA FERMENTATION CAKE
WIND ROSE
PROPOSED FENCE
CONTOUR OF WATER LEVEL ELEVATION
R.R. CO. (ERIE)
NEW JERSEY
PLAN
FOR REFERENCE ONLY
LEDERLE LABORATORIES DIVISION
AMERICAN CYANAMID COMPANY
PEARL RIVER NEW YORK
TEST BORINGS LANDFILL AREA
G-28555-A