REVISED SEWERAGE DISPOSAL SYSTEM
STADLEY ROUGH ELEMENTARY SCHOOL
DANBURY
CONN.

FRANK A. LEGAYA
ARCHITECT
DANBURY, CONN.

DATE FEB. 6, 1971
DRAWING NO. R-1
SCALE AS NOTED

STATE OF CONNECTICUT — FRANK A. LEGAYA — REGISTERED PROFESSIONAL ENGINEER — 2874

SEWERAGE DISPOSAL SYSTEM PROFILE
SCALE 1/8"=1'-0"

STA. 3+40 — 540 — 535 — 530 — 525 — 520 — 515 — 510 — 505 — 500 — 495 — STA. 2+0

NEW GRADE — EXISTING GRADE — LEACHING CHAMBER — SAND RUN GRAVEL — LEACHFIELD CHAMBERS — 20'-0" — 20'-0" — 20'-0"

DISTRIBUTION BOX DETAILS
NOT TO SCALE

4" SALT GLAZED TILE TO LEACHING FIELD — 4" TRANSITE SEWAY MAIN DISTRIBUTION BOX

PLAN

SECTION A-A

6"x6"-10/10 WIRE MESH REINFORCEMENT

LEACHING TILE DETAIL
NOT TO SCALE

4" TILE — 4" ORANGEBURG

TURNING MANHOLE
NO SCALE

FINISH GRADE — 24"CI FRAME & COVER — SEE FRAME & GROUT BRICK OR STONE — STEPS — CONCRETE — TILE

SITE PLAN
SCALE 1"=40'-0"

NOTE: ANY WORK ON THIS SIDE OF THE CONTRACT LIMIT LINE IS NOT TO BE INCLUDED IN THE BID.

PROFILE SECTION A-A&B — LEACHING TILES I.E. 558.0 — 4" PERFORATED WALL PIPE — LEACHING BED — SWALE — CULVERT — LEACHING CHAMBERS — 4" PERFORATED WALL PIPE

SECONDARY DIST. BOX I.E. 528.25 — SHIFT LEACHING BED SOUTH EAST TO AREA EXISTING BARN — EXISTING BARN — EXISTING GRADE

16" SANITARY MAIN - BRY. MIN. 4'-0" BELOW GRADE TRANSITE PIPE — I.E. 556.5 — 1200 GAL. SEPTIC TANK SEE DETAIL THIS SHEET

CONTRACT LIMIT LINE — S 24° 32' 40" E 340.82' — N 53° 32' 02" W 532.62'

MAIN SCHOOL

LEACHING CHAMBER DETAILS
NOTE: LEACHING CHAMBERS SHALL BE EQUAL TO ROTONDO TYPE 4444

MANHOLES ON END — BANK RUN GRAVEL TO MEET SPECIFICATIONS ART. M.01.01 — 6" TOPSOIL — 1"-1 1/2" STONES BOTH SIDES AND ENDS — EXISTING GRADE STRIPPED — SECTION

DESIGN NOTES
1. 4000 PSI CONCRETE
2. WEIGHT PER SECTION 2000 LBS
3. EFFECTIVE SEEPAGE AREA 200 SQ. FT. PER 3 SECTIONS AS SHOWN
4. 350 LB. PER COUNTER SECTION

TYP. MANHOLE COVER SEE PLAN FOR LOCATION — TYPICAL CENTER SECTION 40" 22.5" OPENINGS EA. SIDE — 4'-0" — 4'-0" — INVERT

SECTION THRU LEACHING BED
SCALE 3/8"=1'-0"

6" TOPSOIL — 2½" GRAVEL — LEACHING TILES 2'-0" O/C 4" DIA SEE LEACHING TILE DETAIL — 2½" SALT HAY — 1" BROKEN STONE — 2½" LAYER GRAVEL — EXISTING GRADE — 2'-4" — 2'-0" — 6'-0" — 1'-7"

SECTION THRU SEPTIC TANK & SYPHON DOSING CHAMBER
NOT TO SCALE

CAST IRON MANHOLE FRAME & LOCKING COVER (TYPICAL) — APPROXIMATE FINISH GRADE — #4 @ 12" OC BOTH WAYS — WATER LINE — 1'-6" — 10" — 9'-9" — SEPTIC TANK — 2,000 GALLON CAPACITY — 24'-0" LONG x 12'-0" WIDE — 5 @ 12" OC BOTH WAYS — 10" — 10" — I.E. 552.37 — 30" — OPEN — 2'-0" — LIQUID CAPACITY IN SYPHON CHAMBER 900 GALLONS — I.E. 554.5 — 6" SYPHON — 5 @ 12" OC BOTH WAYS