ARCHITECTURAL & COMMUNITY PLANNING INC.

Note:
All measurements are approximate

N

4 SLEEPER UNITS

30'

320'

220'

Access road

Access road

Access road

SITE OFFICE

15'

Proposed traffic area in camp

Proposed " off-limit traffic area" of camp

KITCHEN / DINING

12'

WASHROOMS

3" ABS collection piping

Sewage lift station

Grease trap

Sewage lift station

Sewage lift station

14'

1 1/2" hose from lift station pump to treatment unit inlet

1 1/2" hose from lift station pump to treatment unit inlet

WTS 10,000 WASTEWATER TREATMENT UNIT

Berm to protect discharge hose from vehicle traffic

slope down

170'

40'

Raised berm (approximately 5' to 6' high) integrated into natural slope of terrain.
Constant slope downwards from crest of berm to east

slope down from berm

1 1/2" hose from treatment unit outlet to disposal trench

Access road

80'

slope down from berm

Treated effluent disposal area. Sloping away from berm into swamp area.

20'

slope down from berm

Picture shows the incline in the terrain from the camp area towards the disposal area.
The incline is further pronounced with a berm at the border of the camp area.
The terrain slopes away from the camp area to the east of the incline where the effluent disposal field is located -- the field is approx. 170' away from the central traffic area of the camp (approx. 120 ' from the camp perimeter).

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General overview of camp location. Note the slope to the right side --- the treated effluent disposal area is on the opposite side of this slope.

View of grease trap and lift station to collect raw sewage on back side of kitchen unit.

View of power distribution panel for entire camp.

View of lift station and power distribution panel for sewage lift pumps and electric heat trace system.

View of treated effluent disposal bed: Approximately 2' wide x 20' long:
Layer of straw at grade, lawyer of sawdust on top, 1" perforated treated effluent distribution pipe inside a 12" diameter half round insulated cover.
Once installation is completed the entire assembly is covered with straw.

CONAWAPA SITE LAYOUT