## **GENERAL NOTES:**

- 1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- 2. IN THE EVENT OF SHALLOW BEDROCK, WHERE FLOOR OF THE LAGOON IS JUST BELOW ORIGINAL GROUND, USE 3m WIDE TOP OF BERM.
- 3. COMPACTED BERMS TO 95% OF STANDARD PROCTOR DRY DENSITY (SPDD), AT OPTIMUM MOISTURE CONTENT.
- 4. DISCHARGE WASTEWATER FROM CORNER OPPOSITE OF INLET.
- 5. MAXIMUM FLUID DEPTH = NOT TO EXCEED 1m.
- 6. LAGOON TO BE LOCATED A MINIMUM OF 100m FROM CAMP AND DOWNWIND, BASED ON PREVAILING WINDS.

- 1. LAGOON SIZED FOR HALF OF THE TIME THAT THE CAMP IS OCCUPIED.
- 3. LOADING = 0.175m³/PERSON/DAY.

## SAMPLE CALCULATIONS:

REQUIRED CAPACITY
OF EACH LAGOON
(NOT INCLUDING FREEBOARD) HALF CONSTRUCTION SEASON 0.175m³/PERSON/DAY × 35 PEOPLE × 50 DAYS 307m<sup>3</sup>

LENGTH (AT 0.5m ABOVE BASE) x 1m  $\geq$  REQUIRED CAPACITY

## FOR INFORMATION ONLY NOT FOR CONSTRUCTION



DEW

**National** 

Défense

Defence CLEAN UP nationale

TYPICAL SEWAGE LAGOON PLAN AND SECTIONS

Figure 1.0