GENERAL NOTES

1. The complete filtration process system including process piping, holding tank, filters, potable water, piping, etc. shall be disinfected by the following procedure:

   Chlorine solution shall be introduced into the system such that sample taps show a minimum concentration of 50 mg/l in the system. The solution shall remain in the system for 24 hours and have a minimum chlorine concentration of 10 mg/l at the end of the 24 hours. All valves, etc. shall be operated during the 24 hour holding period. After flushing the system, two (2) water samples shall be taken from each filter and from the holding tank at least 24 hours apart. The samples shall be tested for bacteriological contamination by a certified laboratory. If contamination is indicated, the procedure must be repeated.

2. Concrete encasement shall be required at any location where a sewer line passes beneath a water line by less than 18", and any area where less than 2' of cover is available. Encasement shall be 2000 psi concrete poured 6" around pipe, 10' on either side of a crossing or as otherwise shown on the Drawings.

3. The filter plant will be supplied with a water test set equal to Hach Test Kit Model AL-72WR. This kit will be complete to perform a minimum of 100 tests of each of the following parameters:

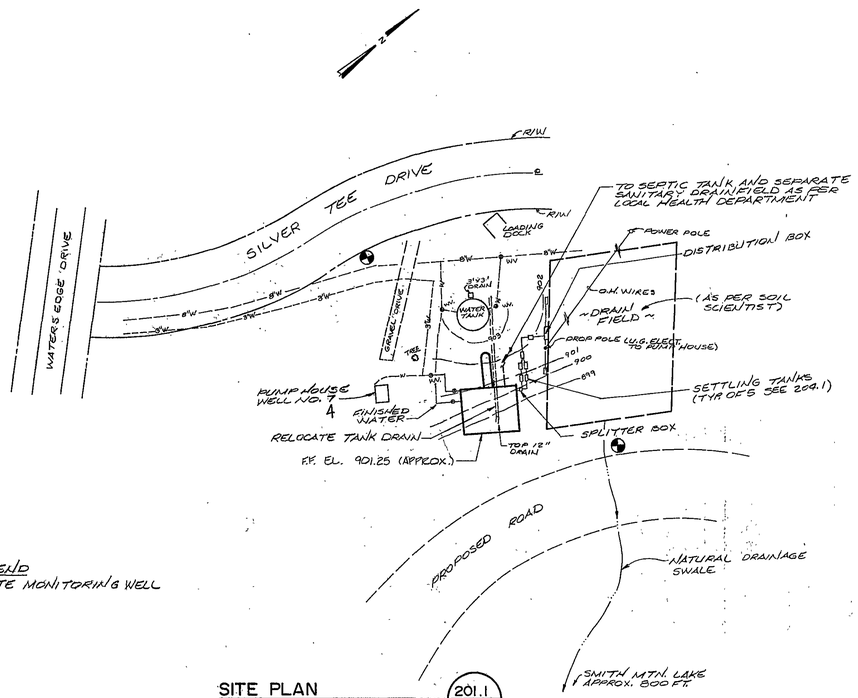
   Chlorine: 0.1 to 3.5 mg/l total Chlorine (DPD method)
   Iron: 0.1 to 5 mg/l Fe
   Manganese: 0.1 to 3 mg/l Mn
   pH: 4 to 10 units
   Alkalinity: drop count method

   A thermometer equal to Hach Model 20959-11, range 0-230°F will be supplied.

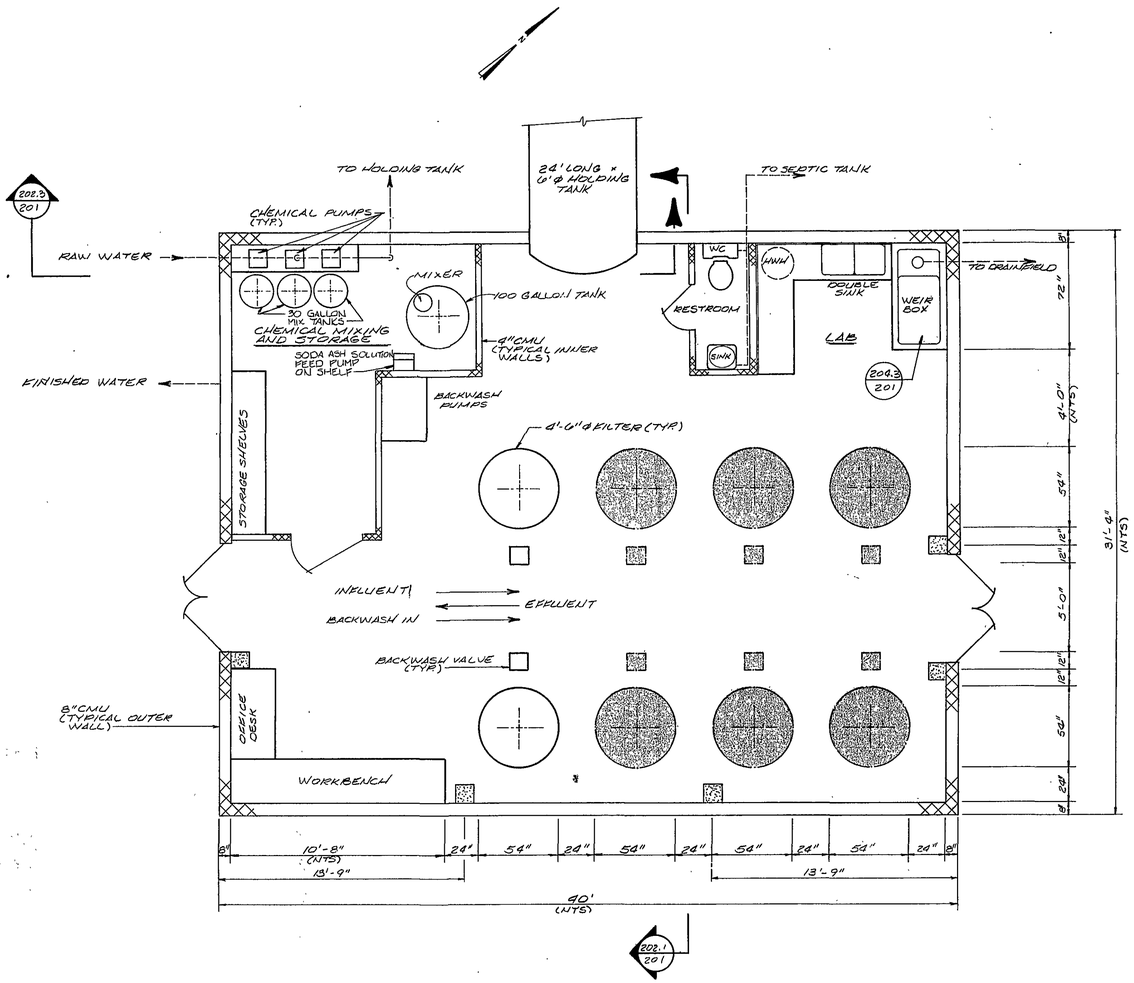
4. For all buried pipe, rock shall be removed to a minimum depth of 6" below the pipe and replaced with bedding material.

BUILDING NOTES:

1. Exterior of building shall have stucco finish.
2. 8" walls shall rest on turn-down concrete floor slab acting as footer.
3. Concrete floor slab shall be 4" thick throughout (except at turn-down portion) with welded wire mesh reinforcement WWF 6x6 W4.5/W4.5 or approved equal.
4. Block walls shall be filled with expanded vermiculite insulation.
5. Shingle roof shall be supported by pre-engineered roof trusses, 2'-0" O.C. Trusses shall have 6:12 roof pitch and 3:12 ceiling pitch.
6. Ceiling shall have 6" fiberglass batt insulation.
7. Building drawings depict the general arrangement of the buildings only. Owner to provide structural details.



SITE PLAN — 201.1 / 201
SCALE: 1"=50'-0"



FILTER BUILDING — 201.2 / 201
SCALE: 1/4"=1'-0"

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Designed WWK
Drawn CWC
Checked DLW

Scale AS SHOWN
Job No. 10981
Date APRIL 22, 1988

THE WATER'S EDGE WATER FILTRATION SYSTEM

BUILDING SITE AND LAYOUT

Rev.	Description	Date	By
2	DESIGN ISSUE	6/21/88	WWK
1	DESIGN ISSUE	5/26/88	WWK
0	DESIGN ISSUE	4/22/88	WWK

Sheet No. 201
File No.