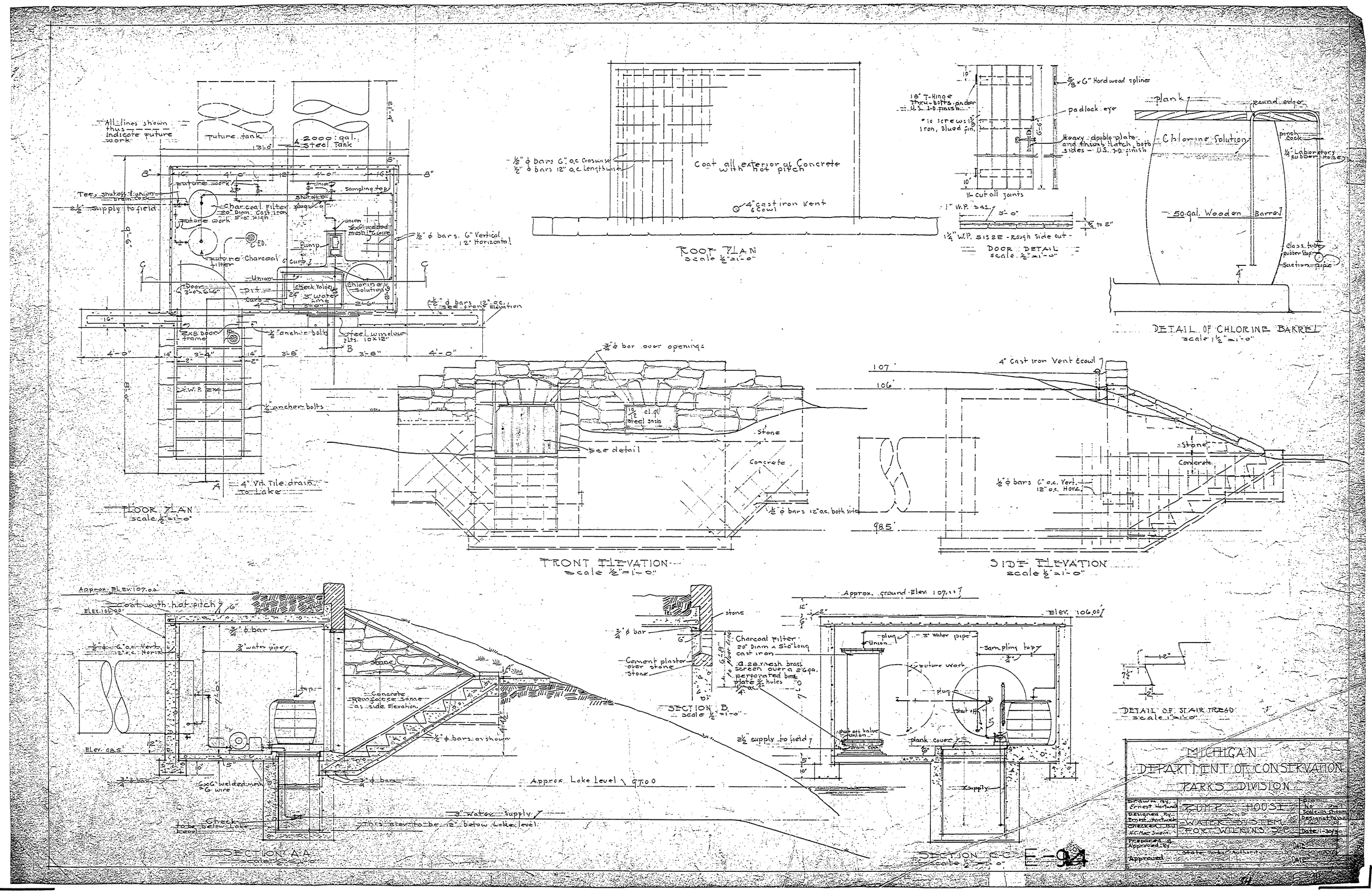
All lines shown thus indicate future work
future tank
2000 gal. Steel Tank
13'-0"
Tee, shutoff & union
2½" supply to field
Charcoal Filter 20" Diam. Cast Iron 5'-0" high
future work
Sampling tap
Shut off Vlv.
Pump
½" ϕ bars. 6" Vertical 12" Horizontal
Chlorine Solution
Check Valve
3" water line
½" ϕ bars 12" o.c. see front elevation
½" anchor bolts
steel window sills. 10x12"
4" Vit. Tile drain to lake
FLOOR PLAN scale ½"=1'-0"
½" ϕ bars 6" o.c. crosswise
½" ϕ bars 12" o.c. lengthwise
Coat all exterior of Concrete with hot pitch
4" cast iron vent & cowl
ROOF PLAN scale ½"=1'-0"
5/8 x 6" Hardwood spline
18" T-Hinge thru-bolts, anchor U.S. 2-D finish
padlock eye
#10 screws 1½" iron, blued fin.
Heavy double plate and thumb latch, both sides — U.S. 2-D finish
½ cut all joints
1" W.P. 3 ply
1¼" W.P. SIZE - Rough Side out
DOOR DETAIL scale ½"=1'-0"
plank
round edge
Chlorine Solution
Pinch cock
¼" Laboratory rubber hose
50 gal. Wooden Barrel
Glass tube rubber stop
Section pipe
DETAIL OF CHLORINE BARREL scale 1½"=1'-0"
¾" ϕ bar over openings
steel sash
Stone
see detail
Concrete
½" ϕ bars 12" o.c. both sides
FRONT ELEVATION scale ½"=1'-0"
4" Cast iron Vent & cowl
107
106
98.5
½" ϕ bars 6" o.c. Vert. 12" o.c. Horz.
SIDE ELEVATION scale ½"=1'-0"
Approx. Elev. 107.00
Elev. 100.00
coat with hot pitch
¾" ϕ bar
¾" water pipe
Tap
Concrete Reinforce same as side Elevation
½" ϕ bars as shown
Elev. 98.5
Approx. Lake Level 97.00
3" Water Supply
Check to be below lake level
this elev. to be 2" below Lake level
SECTION A-A scale ½"=1'-0"
stone
Cement plaster over stone
Charcoal Filter 20" Diam x 5'-0" long cast iron
d. 28 mesh brass screen over a 26 ga. perforated brass plate ⅜" holes
SECTION B scale ½"=1'-0"
Approx. ground Elev. 107.00
Elev. 106.00
2" Water pipe
Sampling tap
future work
plug
Shut off
Shut off valve & union
plank cover
2½" supply to field
supply
SECTION C-C scale ½"=1'-0"
DETAIL OF STAIR TREAD scale 1"=1'-0"
MICHIGAN DEPARTMENT OF CONSERVATION
PARKS DIVISION
Ernest Hartwick
Designed by Ernest Hartwick
Checked by H.C. Mac Swain
PUMP HOUSE
WATER SYSTEM
FORT WILKINS S.P.
Scale as shown
Date 1-30-30
Approved
State Parks Authority
DATE
E-94