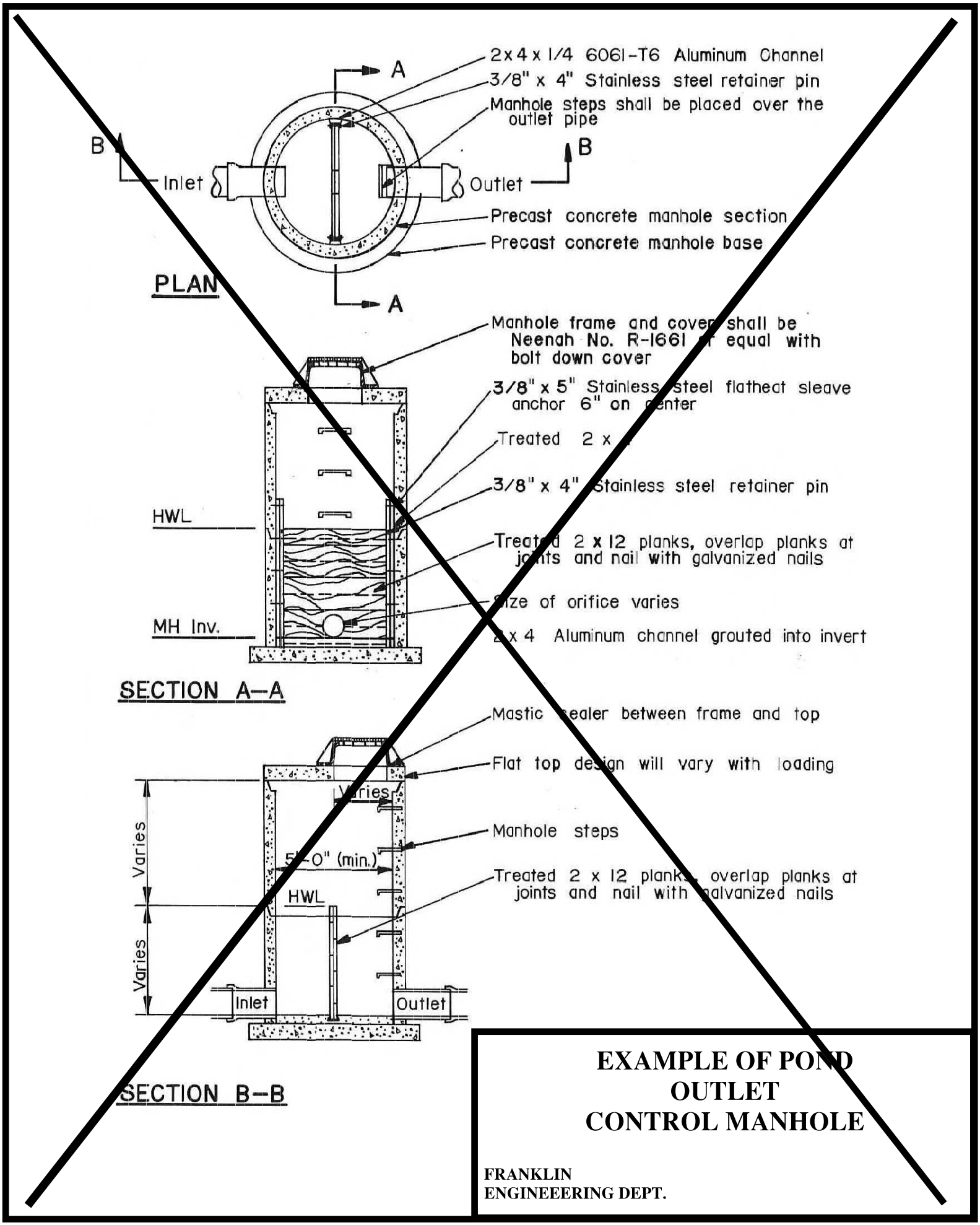
2x4 x 1/4 6061-T6 Aluminum Channel
3/8" x 4" Stainless steel retainer pin
Manhole steps shall be placed over the outlet pipe
A
B
Inlet
Outlet
Precast concrete manhole section
Precast concrete manhole base
PLAN
Manhole frame and cover shall be Neenah No. R-1661 or equal with bolt down cover
3/8" x 5" Stainless steel flathead sleave anchor 6" on center
Treated 2 x
3/8" x 4" Stainless steel retainer pin
HWL
Treated 2 x 12 planks, overlap planks at joints and nail with galvanized nails
Size of orifice varies
MH Inv.
2 x 4 Aluminum channel grouted into invert
SECTION A–A
Mastic sealer between frame and top
Flat top design will vary with loading
Varies
Manhole steps
5'-0" (min.)
Treated 2 x 12 planks, overlap planks at joints and nail with galvanized nails
HWL
Varies
Varies
Inlet
Outlet
SECTION B–B
EXAMPLE OF POND OUTLET CONTROL MANHOLE
FRANKLIN ENGINEEERING DEPT.

**FIGURE 17**