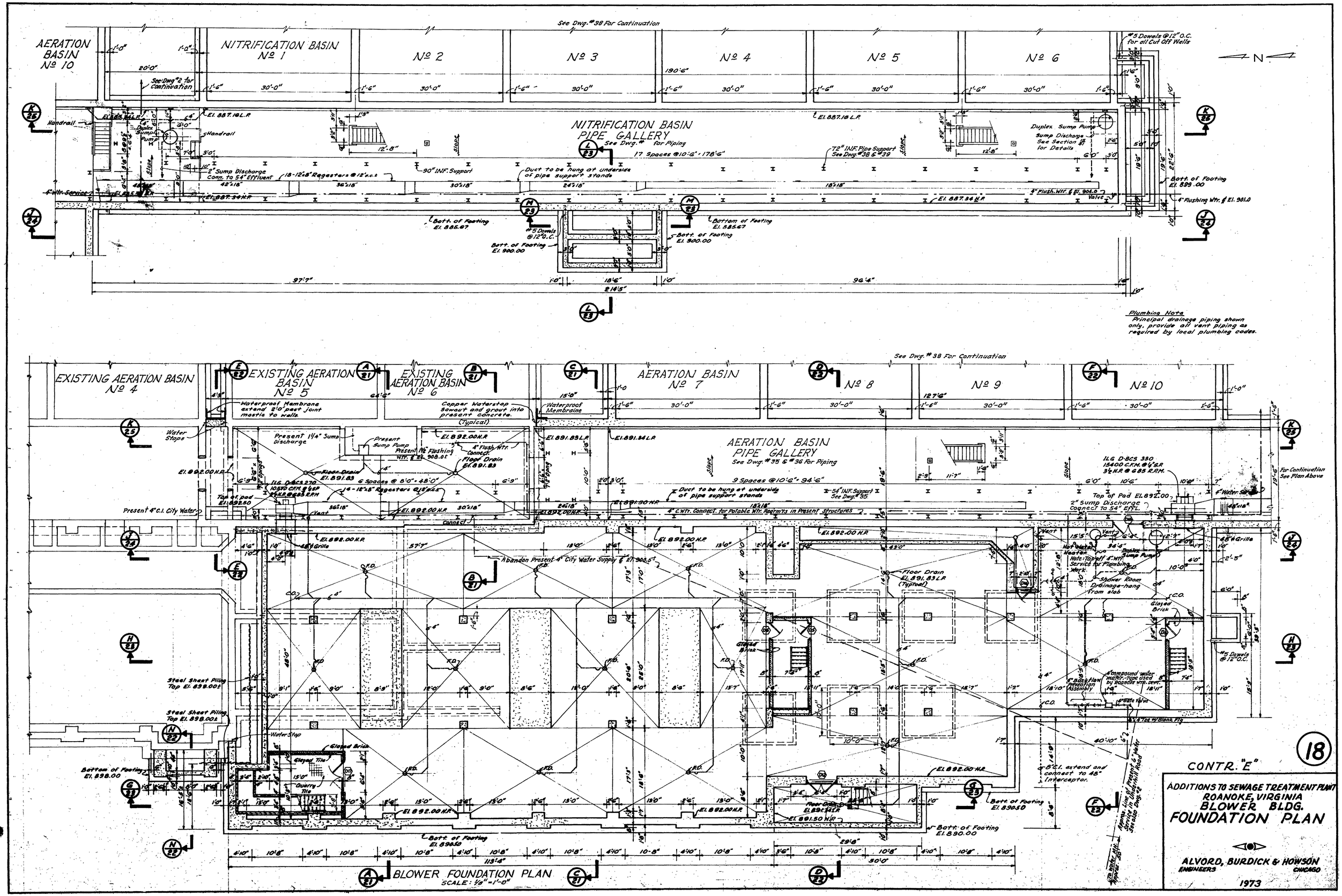
AERATION BASIN Nº 10
NITRIFICATION BASIN Nº 1
Nº 2
Nº 3
Nº 4
Nº 5
Nº 6
See Dwg. #38 For Continuation
NITRIFICATION BASIN PIPE GALLERY
See Dwg. # for Piping
17 Spaces @10'-6" = 178'-6"
Duplex Sump Pump
Sump Discharge See Section for Details
2" Sump Discharge Conn. to 54" Effluent
18-12"x8" Ragesters @12" o.c.
90" INF. Support
Duct to be hung at underside of pipe support stands
72" INF. Pipe Support See Dwg. #38 & #39
Handrail
Bott. of Footing El. 899.00
4" Flushing Wtr. & El. 901.0
Bott. of Footing El. 885.67
#5 Dowels @12" O.C.
Bott. of Footing El. 900.00
Bottom of Footing El. 885.67
#5 Dowels @12" O.C. for all Cut Off Walls
Plumbing Note
Principal drainage piping shown only, provide all vent piping as required by local plumbing codes.
EXISTING AERATION BASIN Nº 4
EXISTING AERATION BASIN Nº 5
EXISTING AERATION BASIN Nº 6
AERATION BASIN Nº 7
Nº 8
Nº 9
Nº 10
Waterproof Membrane extend 2'0" past joint mastic to walls
Copper Waterstop Sewaut and grout into present concrete. (Typical)
Waterproof Membraine
AERATION BASIN PIPE GALLERY
See Dwg. #35 & #36 For Piping
9 Spaces @10'-6" = 94'-6"
Present 1¼" Sump Discharge
Present Sump Pump
Present 1½" Flushing Wtr. & El. 908.0±
4" Flush. Wtr. Connect
Floor Drain El. 891.83
6 Spaces @ 8'-0" = 48'-0"
14-12"x8" Ragesters @12" o.c.
Duct to be hung at underside of pipe support stands
54" INF. Support See Dwg. #35
Present 4" C.I. City Water
4" C.Wtr. Connect for Potable Wtr. Reqm'ts in Present Structures
Top of Pad El. 892.00
2" Sump Discharge Connect to 54" Eff.
For Continuation See Plan Above
Abandon Present 4" City Water Supply & El. 900.5±
Floor Drain El. 891.83 L.R. (Typical)
Shower Room Drainage-hang from slab
Glazed Brick
Steel Sheet Piling Top El. 899.00±
Steel Sheet Piling Top El. 898.00±
Water Stop
Glazed Tile
Quarry Tile
Bottom of Footing El. 898.00
Bott. of Footing El. 898.50
Bott. of Footing El. 890.00
Bott. of Footing El. 890.50
B.C.I. extend and connect to 48" Interceptor.
Approx. line of property & water service to Blower Bldg. See Site Dwg. 2
BLOWER FOUNDATION PLAN
SCALE: ½" = 1'-0"
CONTR. "E"
18
ADDITIONS TO SEWAGE TREATMENT PLANT
ROANOKE, VIRGINIA
BLOWER BLDG.
FOUNDATION PLAN
ALVORD, BURDICK & HOWSON
ENGINEERS
CHICAGO
1973