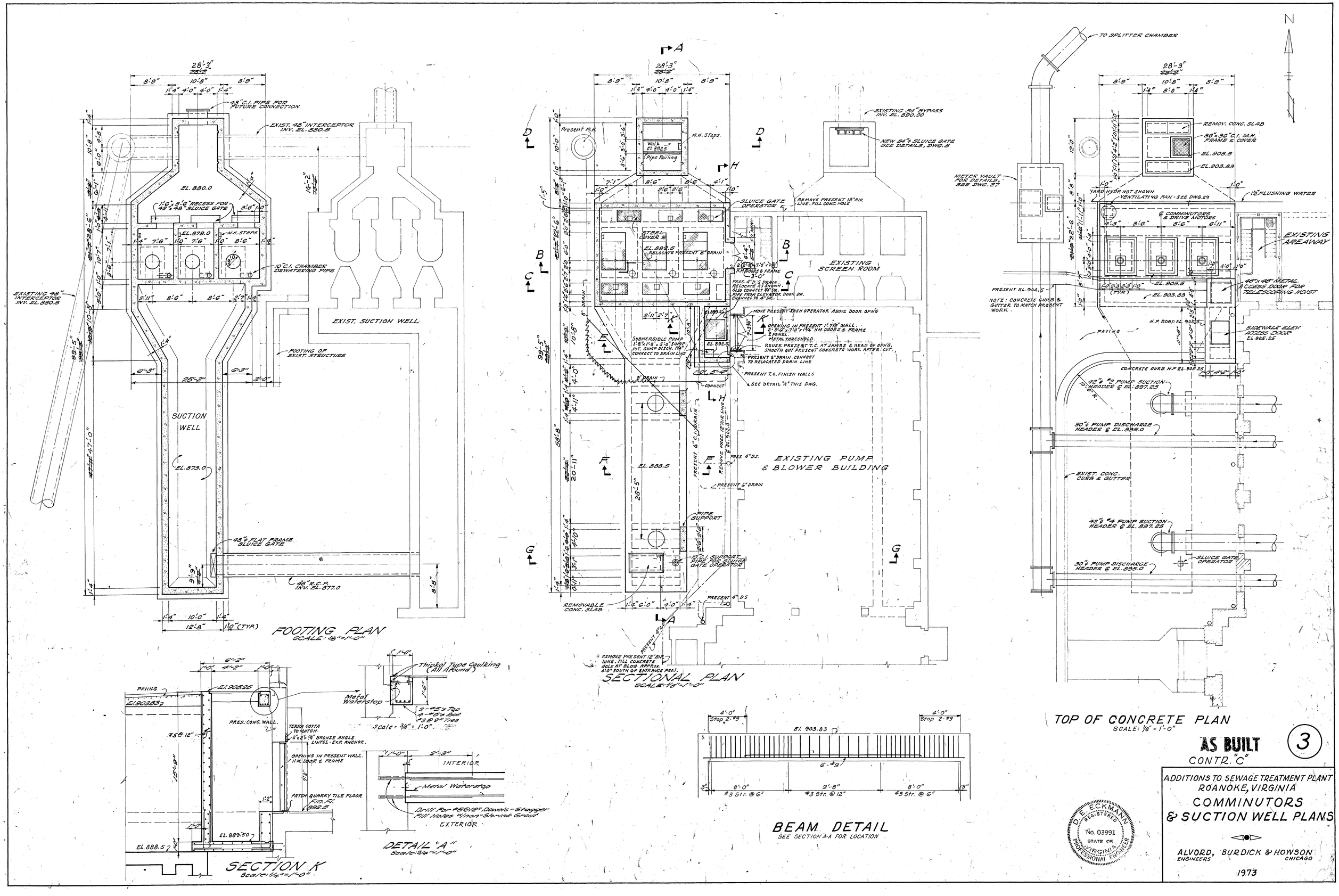
FOOTING PLAN
SCALE: 1/8" = 1'-0"
SUCTION WELL
EXIST. SUCTION WELL
EXISTING 48" INTERCEPTOR INV. EL. 880.5
48" C.I. PIPE FOR FUTURE CONNECTION
EXIST. 48" INTERCEPTOR INV. EL. 880.5
10" C.I. CHAMBER DEWATERING PIPE
FOOTING OF EXIST. STRUCTURE
48" FLAT FRAME SLUICE GATE
48" R.C.P. INV. EL. 877.0
SECTIONAL PLAN
SCALE: 1/8" = 1'-0"
EXISTING PUMP & BLOWER BUILDING
EXISTING SCREEN ROOM
EXISTING 54" BYPASS INV. EL. 890.00
NEW 54" ϕ SLUICE GATE SEE DETAILS, DWG. 5
SLUICE GATE OPERATOR
REMOVE PRESENT 12" AIR LINE - FILL CONC. HOLE
SUBMERSIBLE PUMP
REMOVABLE CONC. SLAB
TOP OF CONCRETE PLAN
SCALE: 1/8" = 1'-0"
TO SPLITTER CHAMBER
METER VAULT FOR DETAILS, SEE DWG. 27
REMOV. CONC. SLAB
36" x 36" C.I. M.H. FRAME & COVER
1½" FLUSHING WATER
EXISTING AREAWAY
48" x 48" METAL ACCESS DOOR FOR TELESCOPING HOIST
SIDEWALK ELEV. ACCESS DOOR EL. 905.25
PAVING
CONCRETE CURB H.P. EL. 905.25
42" ϕ #2 PUMP SUCTION HEADER @ EL. 897.25
30" ϕ PUMP DISCHARGE HEADER @ EL. 895.0
EXIST. CONC. CURB & GUTTER
SECTION K
SCALE: 1/4" = 1'-0"
DETAIL "A"
SCALE: 3/4" = 1'-0"
Thiokol Type Caulking (All Around)
Metal Waterstop
INTERIOR
EXTERIOR
Drill For #5 @ 12" Dowels - Stagger
Fill Holes With Non-Shrink Grout
BEAM DETAIL
SEE SECTION A-A FOR LOCATION
AS BUILT
CONTR. "C"
3
ADDITIONS TO SEWAGE TREATMENT PLANT
ROANOKE, VIRGINIA
COMMINUTORS
& SUCTION WELL PLANS
ALVORD, BURDICK & HOWSON
ENGINEERS
CHICAGO
1973
D. E. ECKMANN
REGISTERED
No. 03991
STATE OF VIRGINIA
PROFESSIONAL ENGINEER