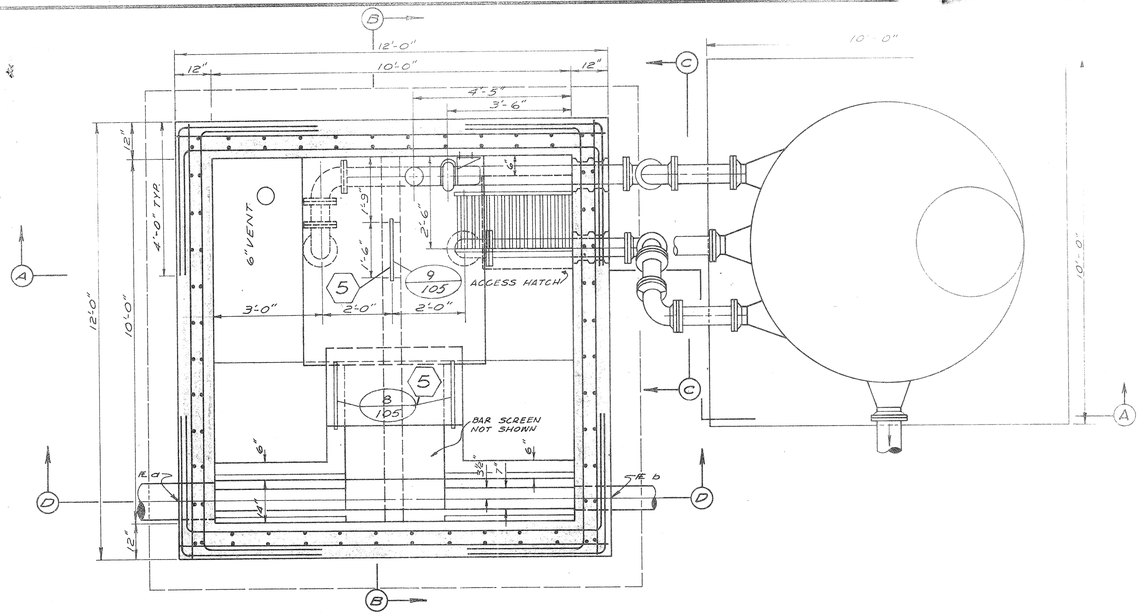
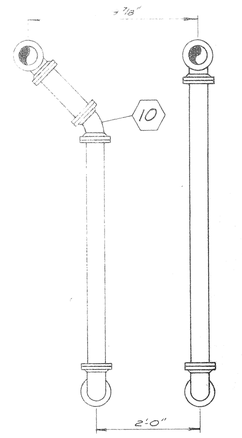
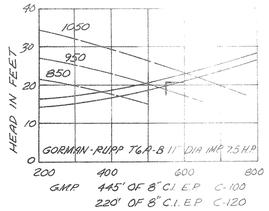
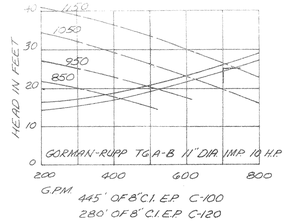


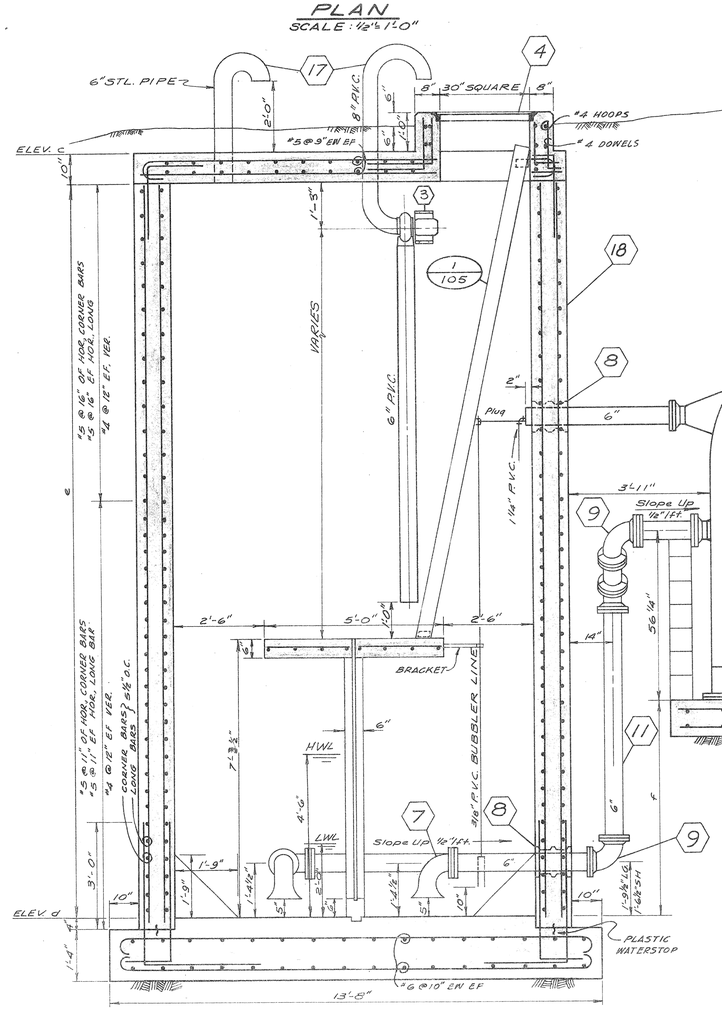
PLAN
SCALE: 1/2"=1'-0"



SECTION C-C
SCALE: 1/2"=1'-0"

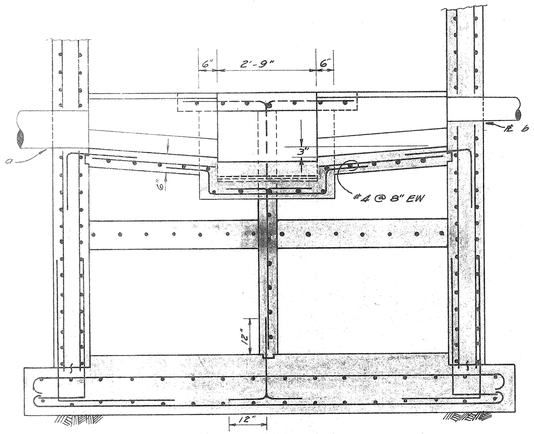




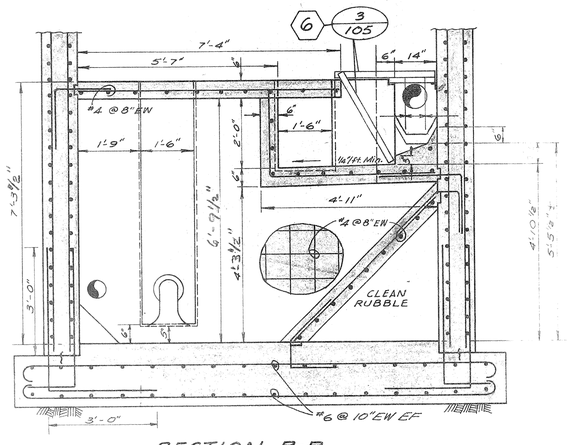


SECTION A-A
SCALE: 1/2"=1'-0"

	L.S.-A	L.S.-B
a.	-10.36	-10.15
b.	-10.39	-9.51
c.	+3.9	+3.6
d	-16.1	-15.9
e.	19'-2"	18'-8"
f	9'-0"	8'-0"
g	+7.4	+7.1
h	3'-10"	4'-4"



SECTION D-D
SCALE: 1/2"=1'-0"



SECTION B-B
SCALE: 1/2"=1'-0"

MATERIAL SCHEDULE

ITEM	QUANTITY	DESCRIPTION
1	1	LS-A: Factory built underground duplex pump station, 11" dia. imp., 1000 RPM, 7.5 HP, 550 GPM @ 20' TDH.
2	1	LS-B: Factory built underground duplex pump station, 11" dia. imp., 1150 RPM, 10 HP, 700 GPM @ 25' TDH.
	1	* Ventilating blower and ducts or pipe.
	1	Access Hatch, 2'-6" x 2'-6" opening.
	3	Slide gates and frames. (See Size Schedule Sheet. 105)
	1	Bar Screen and Cover. (See Detail Sheet. 105)
	2	6" Flange and Flare - Clow FJ460
	3	6" x 12" CI Wall Sleeves. Clow FJ430
	4	90° MJ Bend.
	1	45° MJ Bend.
As Req'd.		6" C.I. Pipe.
As Req'd.		Pipe hangers, brackets and/or Clamps.
	1	Backflow Preventor. (SEE SHEET 105)
	1	3/4" Hose Bibb. (SEE SHEET 105)
As Req'd.		3/4" PVC, Schedule 40 Pipe and Fittings. (SEE SHEET 105)
	1	Power Panel and Supporting Frame. (SEE SHEET 105)
	2	6" Steel Pipe Vent Stack.
As Req'd.		Concrete, 3,000 PSI @ 28 days, and reinforcing steel.

* BABY BUFFALO UNIT, TYPE "C" FAN, 393 CFM AT 3/8" 1/6 HP, SPLIT PHASE, 1725 RPM, EXPLOSION-PROOF, WITH STAINLESS STEEL BLADES; THE CAST IRON HOUSING SHOULD BE VIRSITE-COATED. THE BLOWER SHOULD BE MOUNTED ON THE WALL, NEAR THE CEILING OF THE LIFT STATION.

CONTRACT NO. 201

LTR.	DATE	REVISION
A	9-12-74	REVISED SOME VERTICAL DIMENSIONS IN WET WELL SECTION
B	3-24-75	RELOCATE BLOWER & ADD DESCRIPTION

APPROVED BY
DAVID S. CHANDLER, P.E.
FLA. REG. NO. 7900

DESIGNED BY DSC
DATE 1-13-73
PROJECT NO. 1217-S
CHECKED BY J.G.H. E.C.
SCALE 1/2"=1'-0"
DRAWN BY T.A.H.
BY DSC DSC

FOR: TOWN OF LONGBOAT KEY, FLORIDA
LIFT STATIONS A AND B
WASTEWATER COLLECTION SYSTEM
SMALLY, WELLFORD & NALVEN — CONSULTING ENGINEERS — SARASOTA, FLORIDA

SHEET NUMBER 102
REVISION "B"
INDEX NO. E-1217-S-102