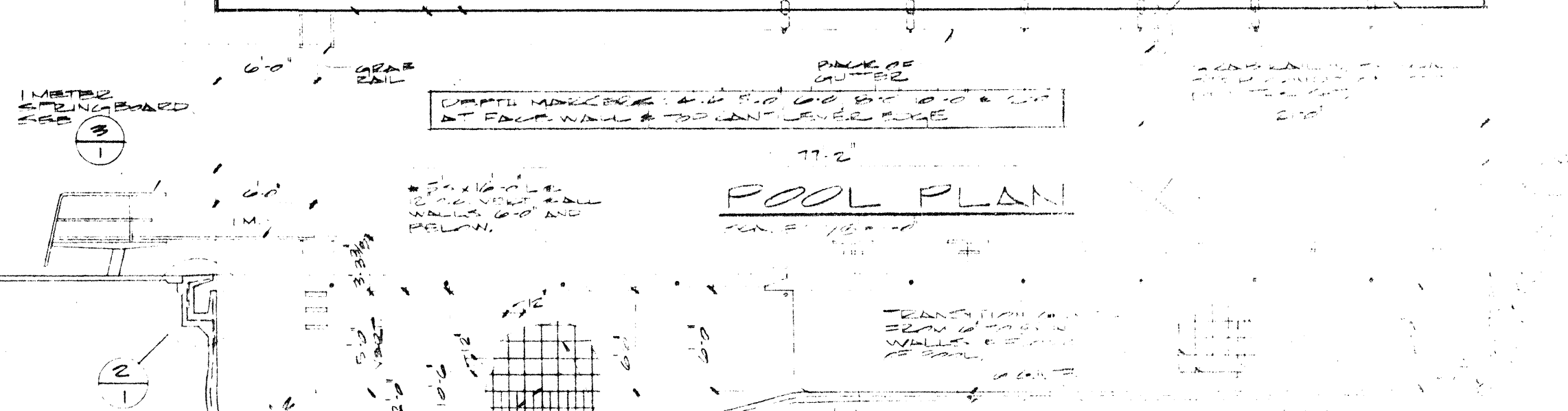
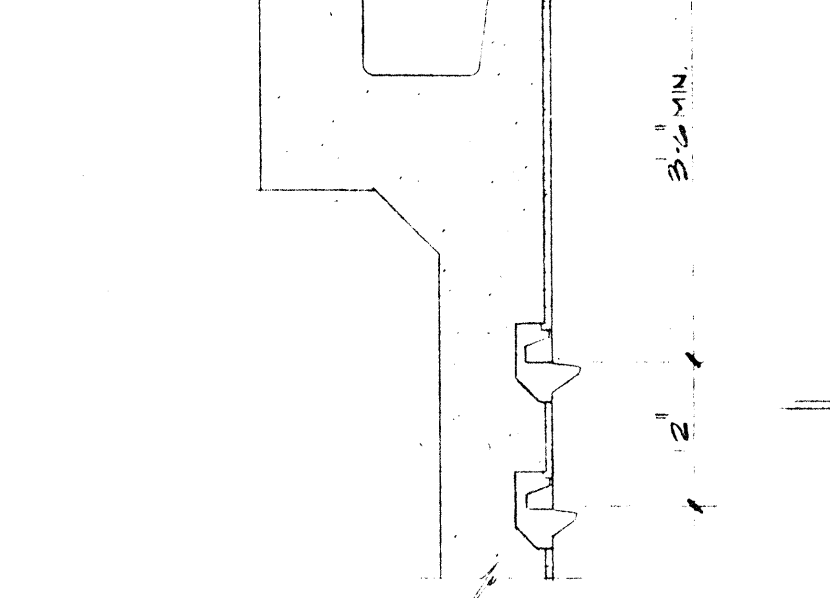
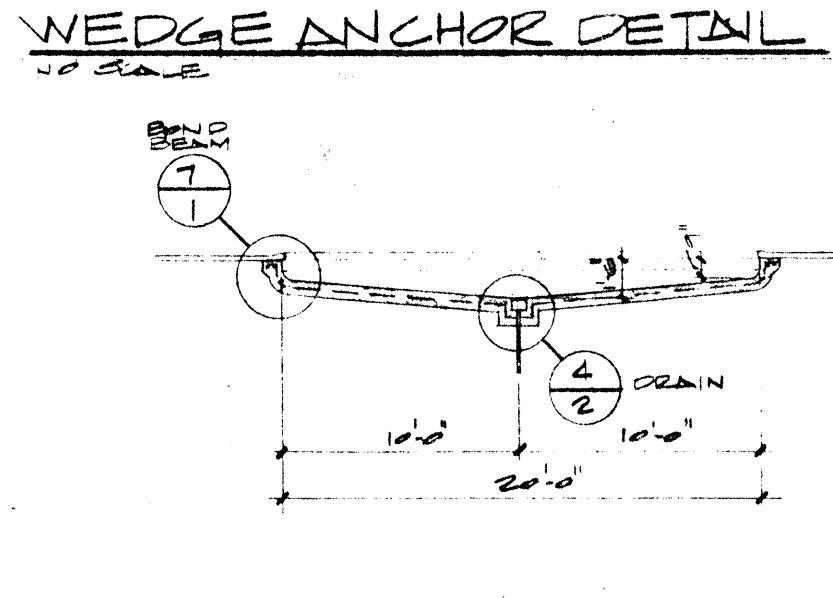
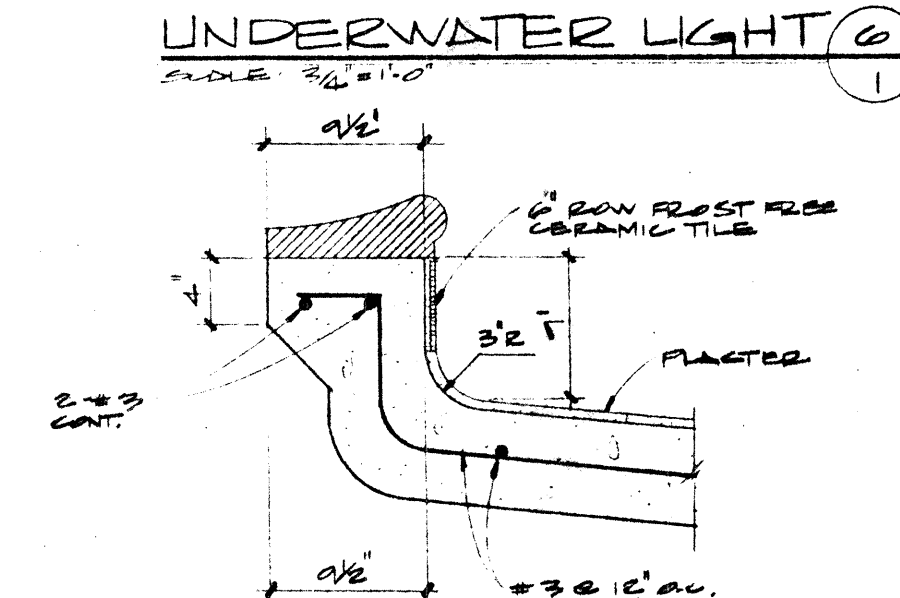
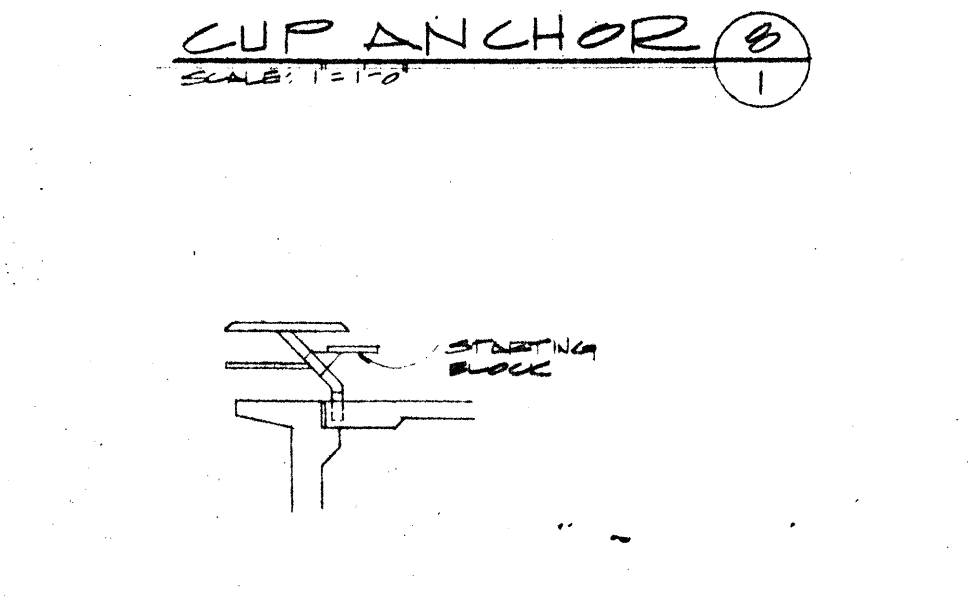
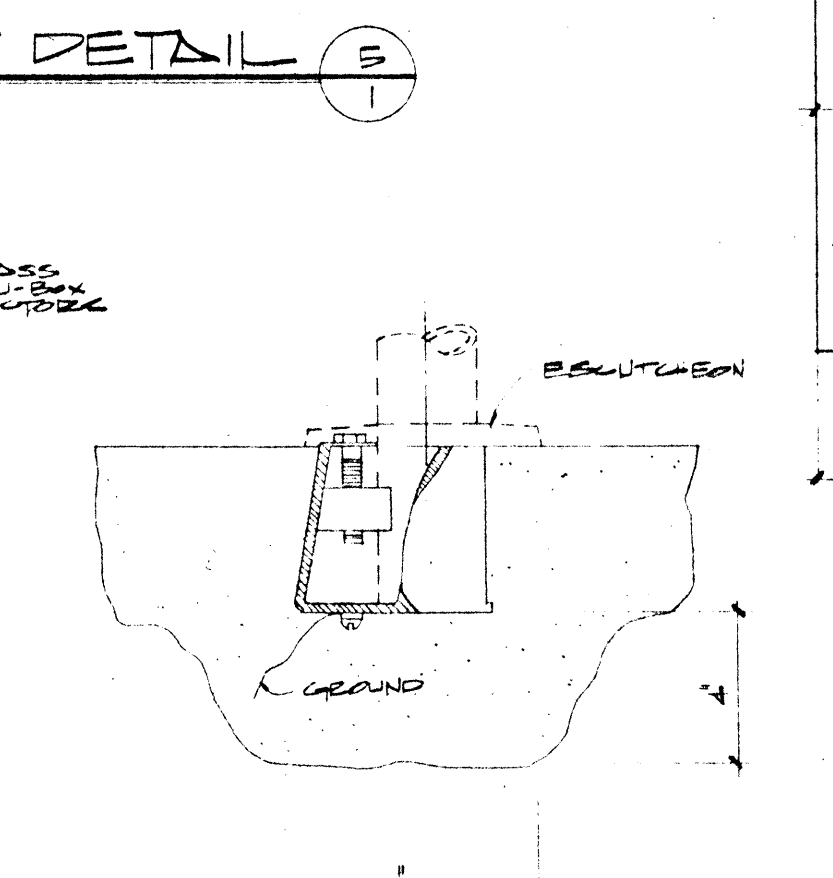
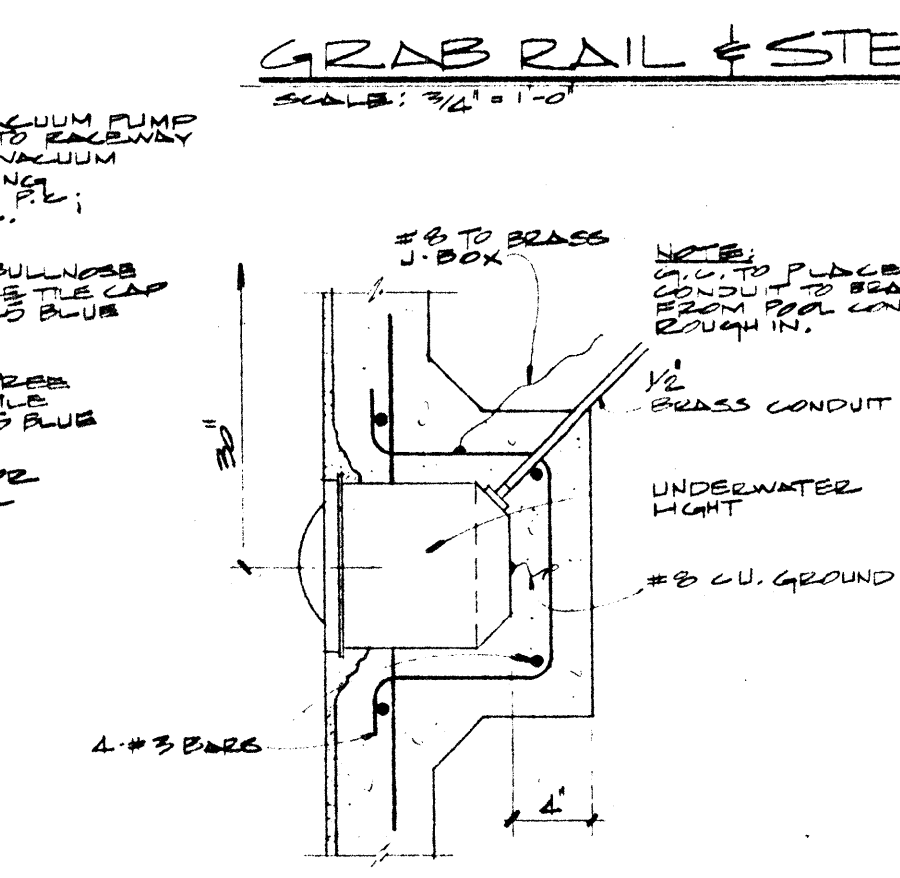
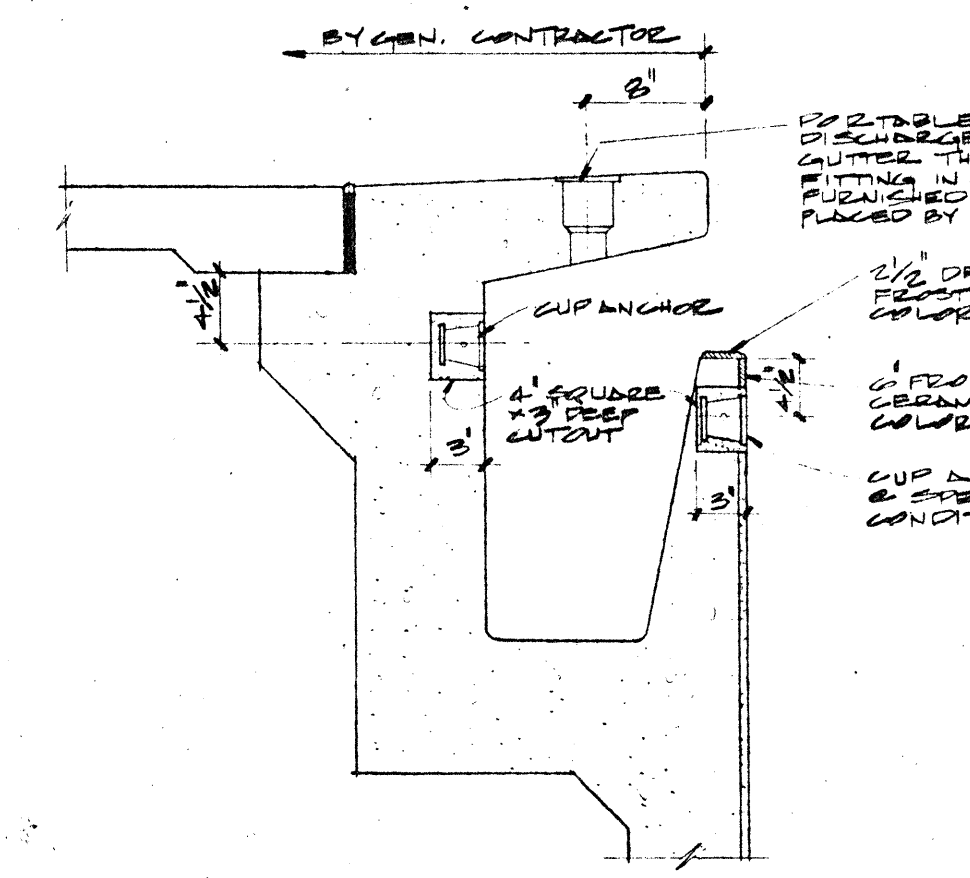
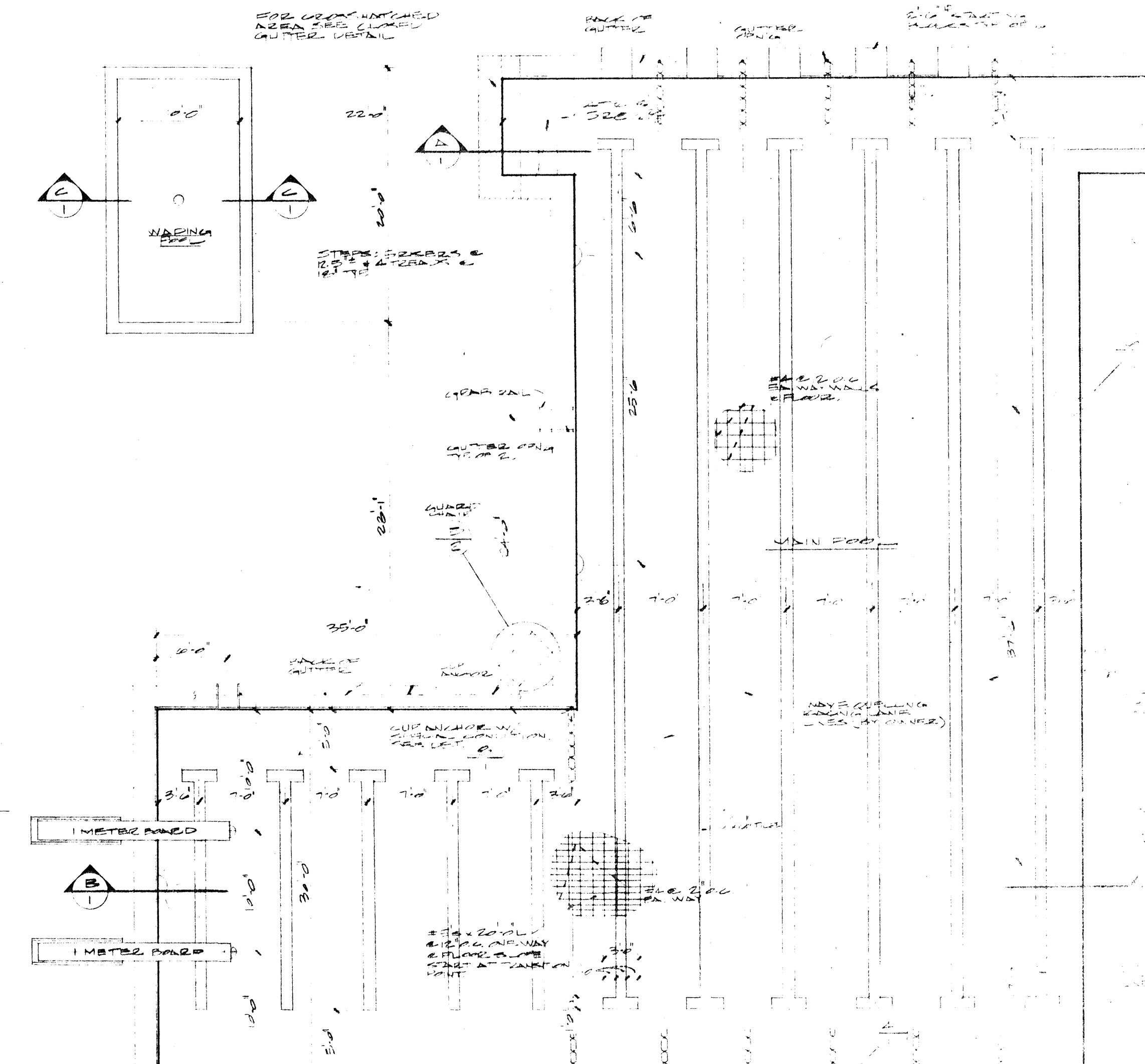
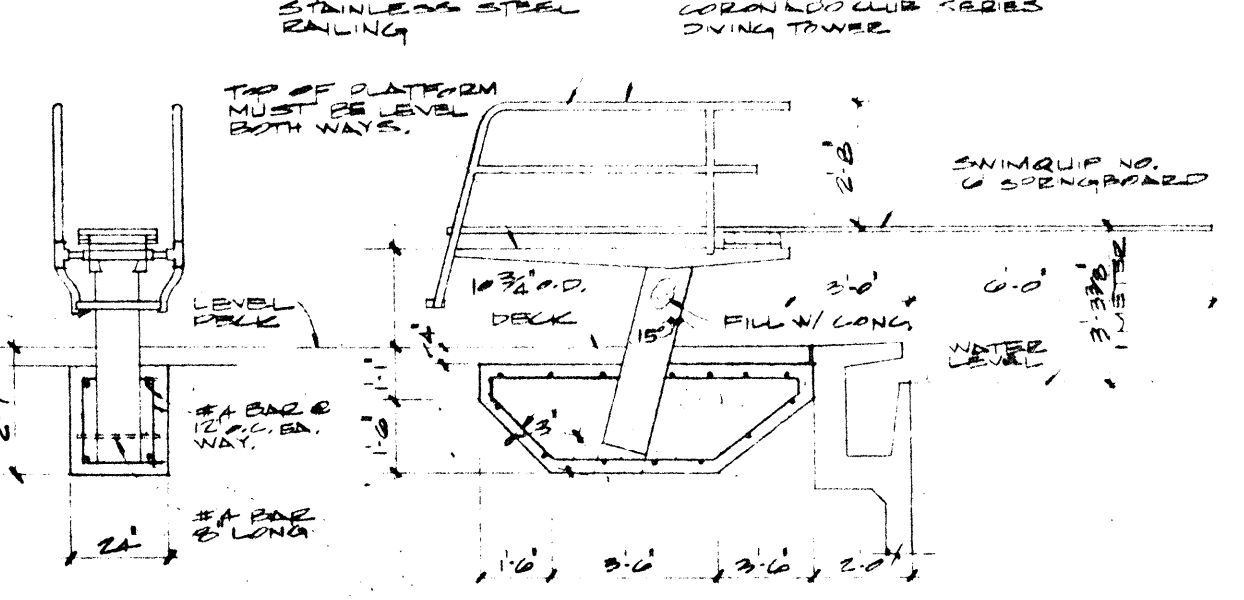
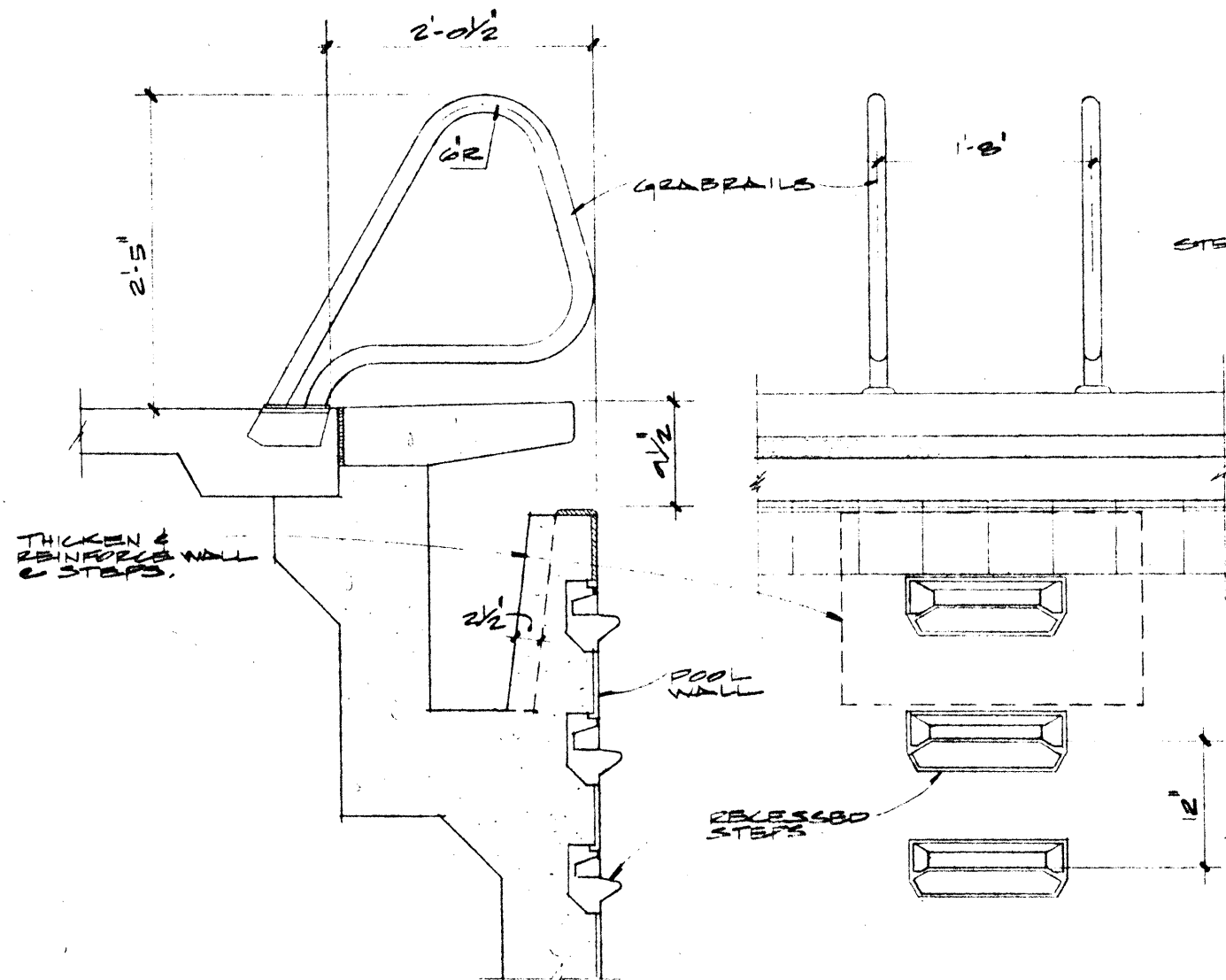
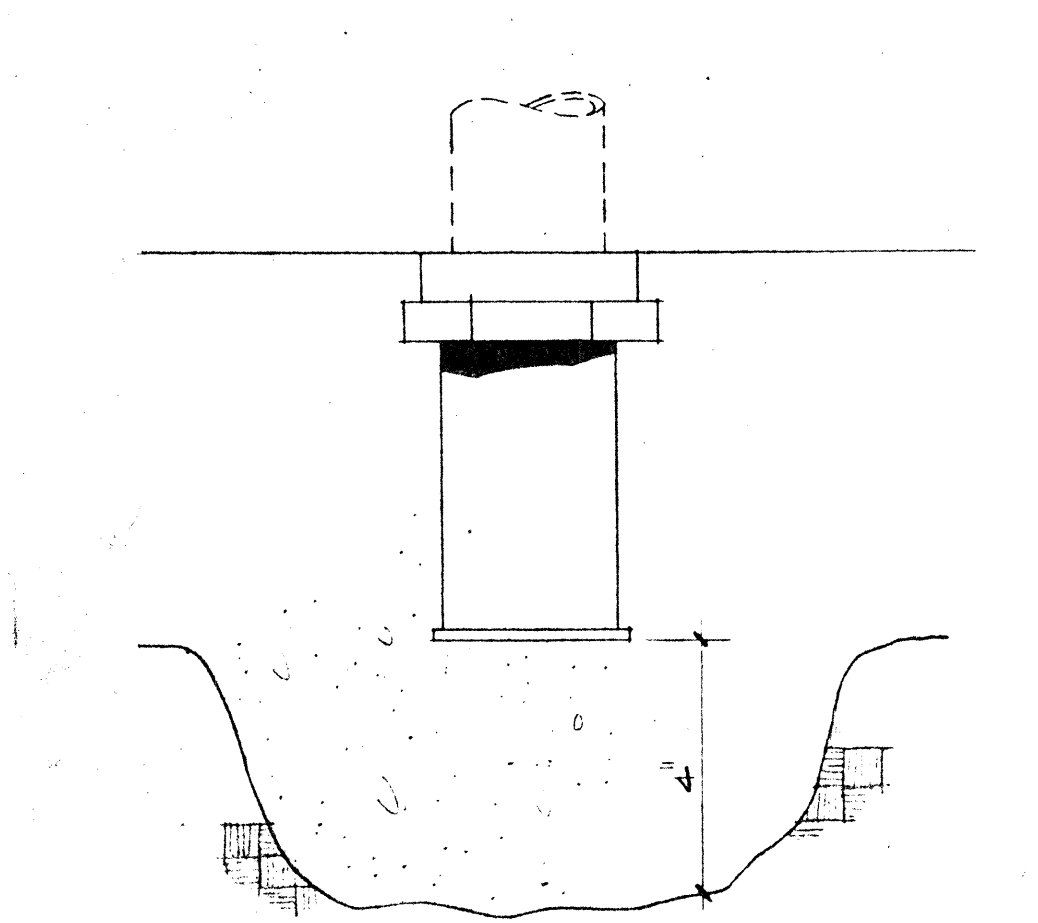
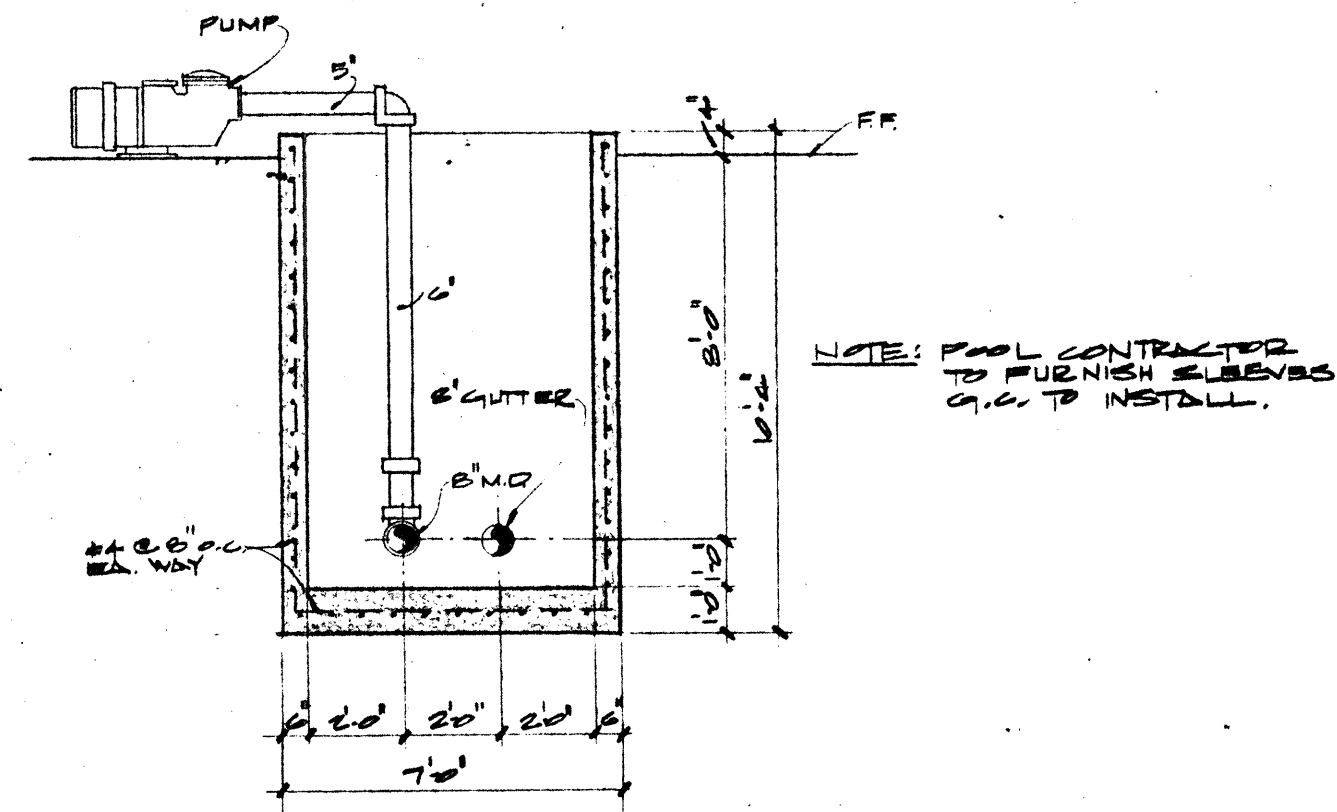
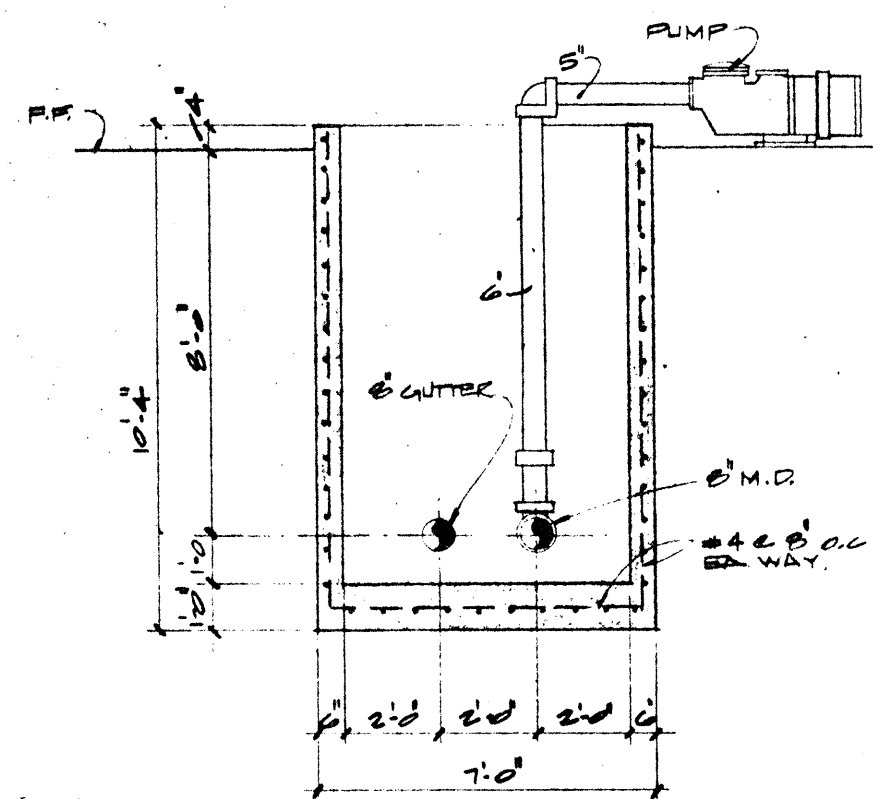


POOL SECTION A
SCALE: 3/4" = 1'-0"

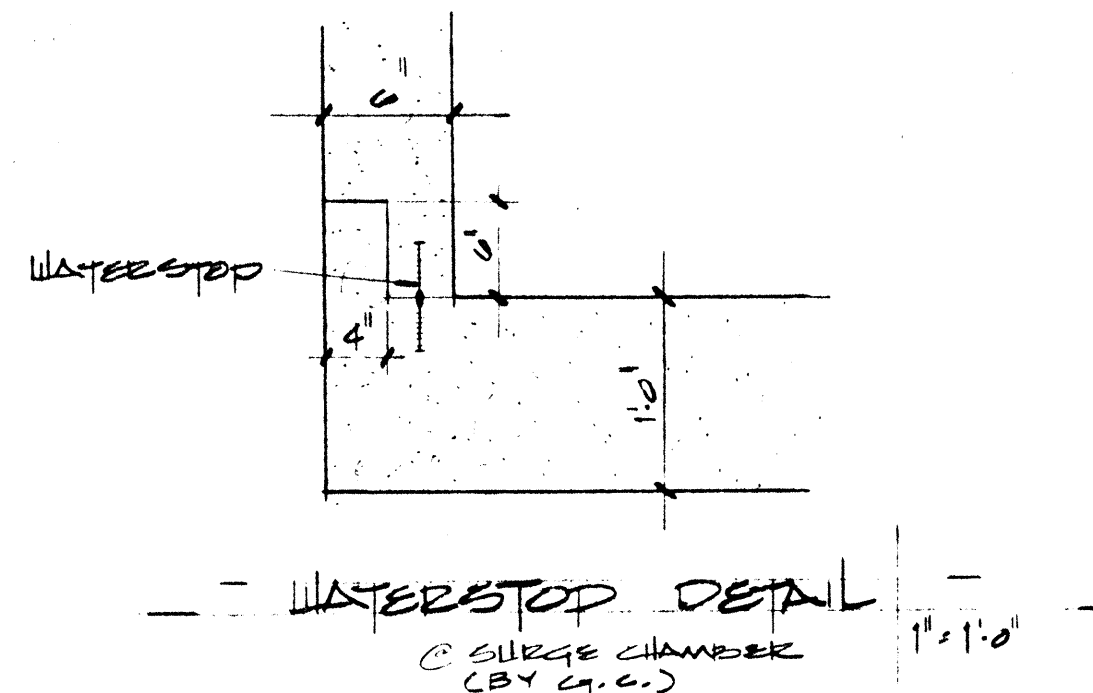




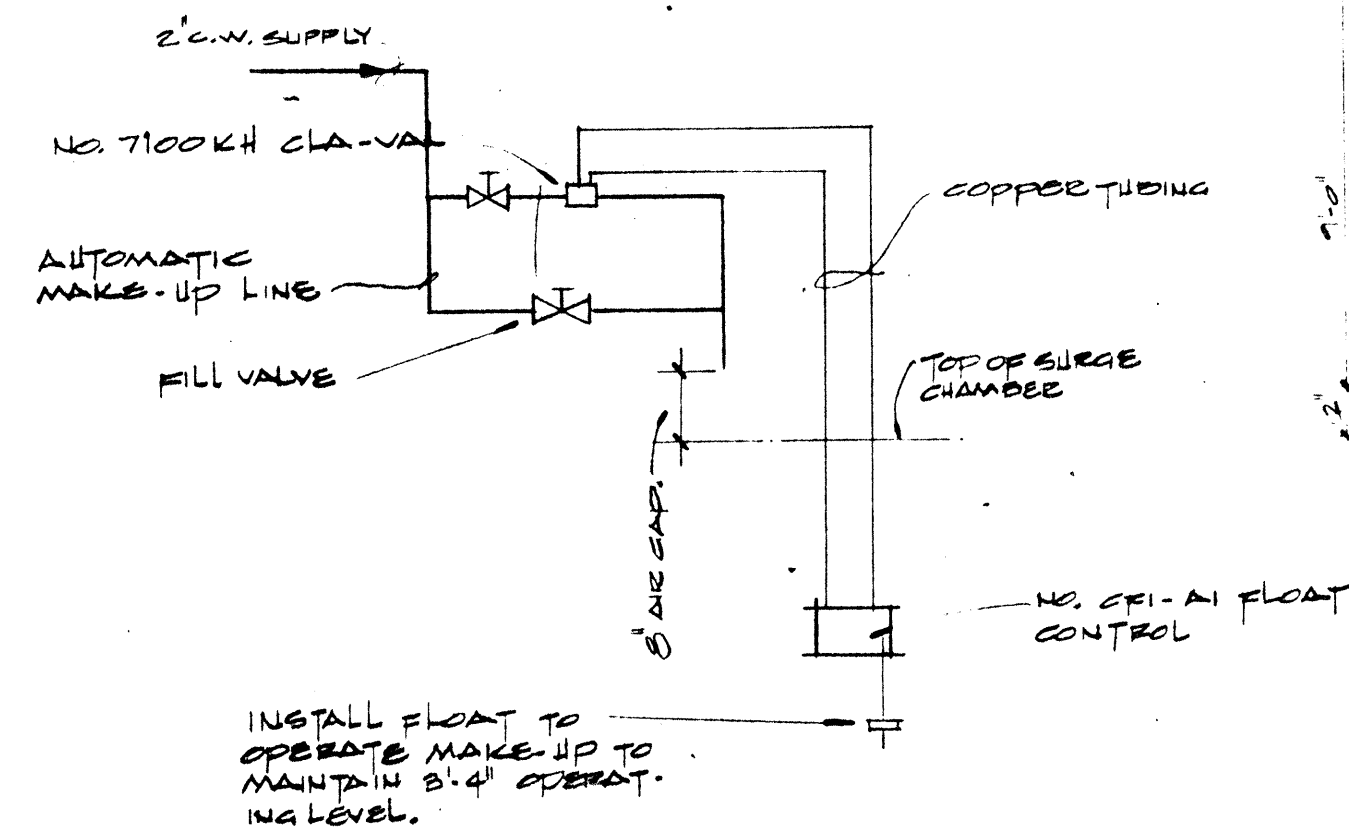
VIEW A
SURGE CHAMBER
SCALE: 1/8" = 1'-0" (BY G.C.)



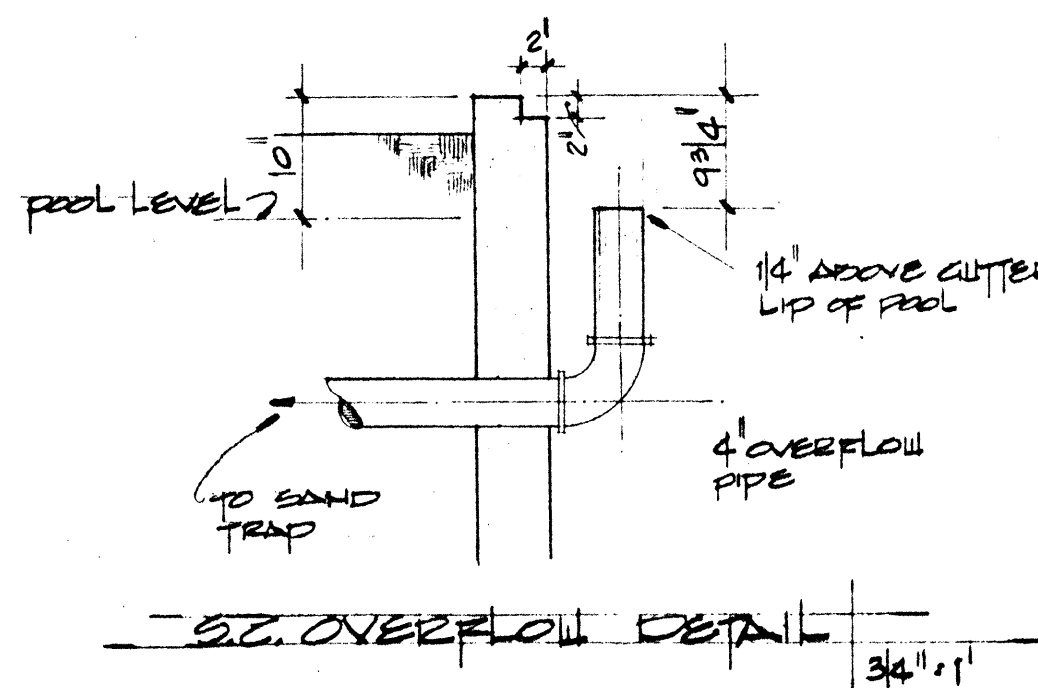
VIEW B
SURGE CHAMBER
SCALE: 1/8" = 1'-0" (BY G.C.)



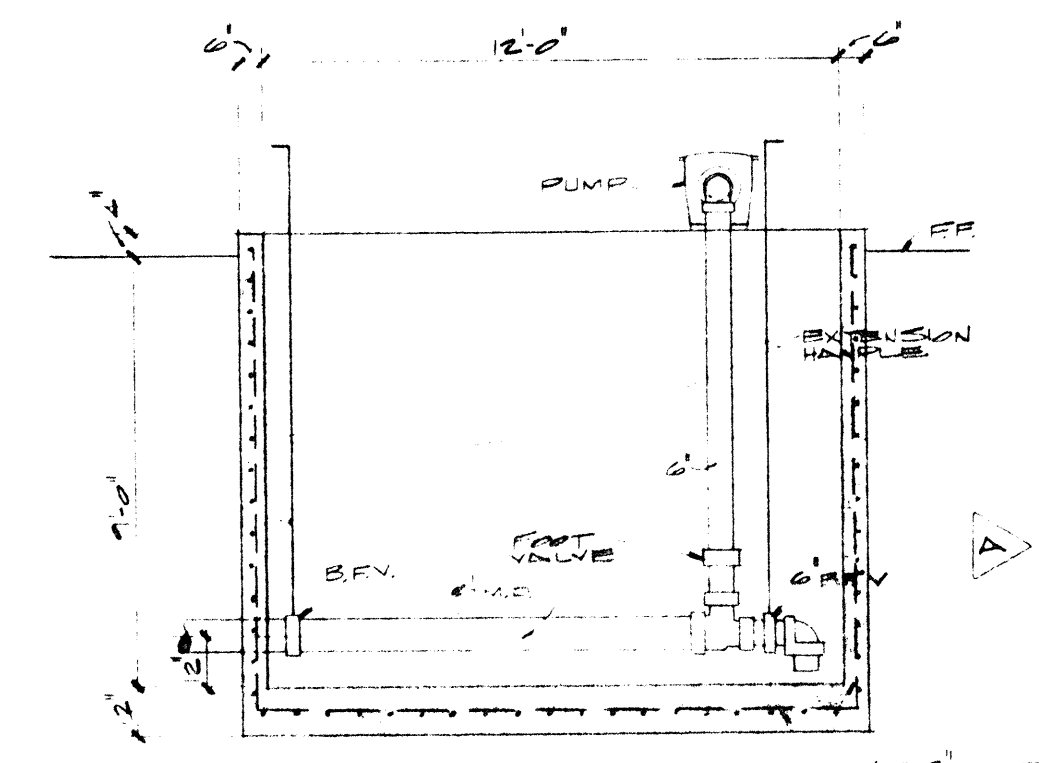
WATERSTOP DETAIL
@ SURGE CHAMBER (BY G.C.)



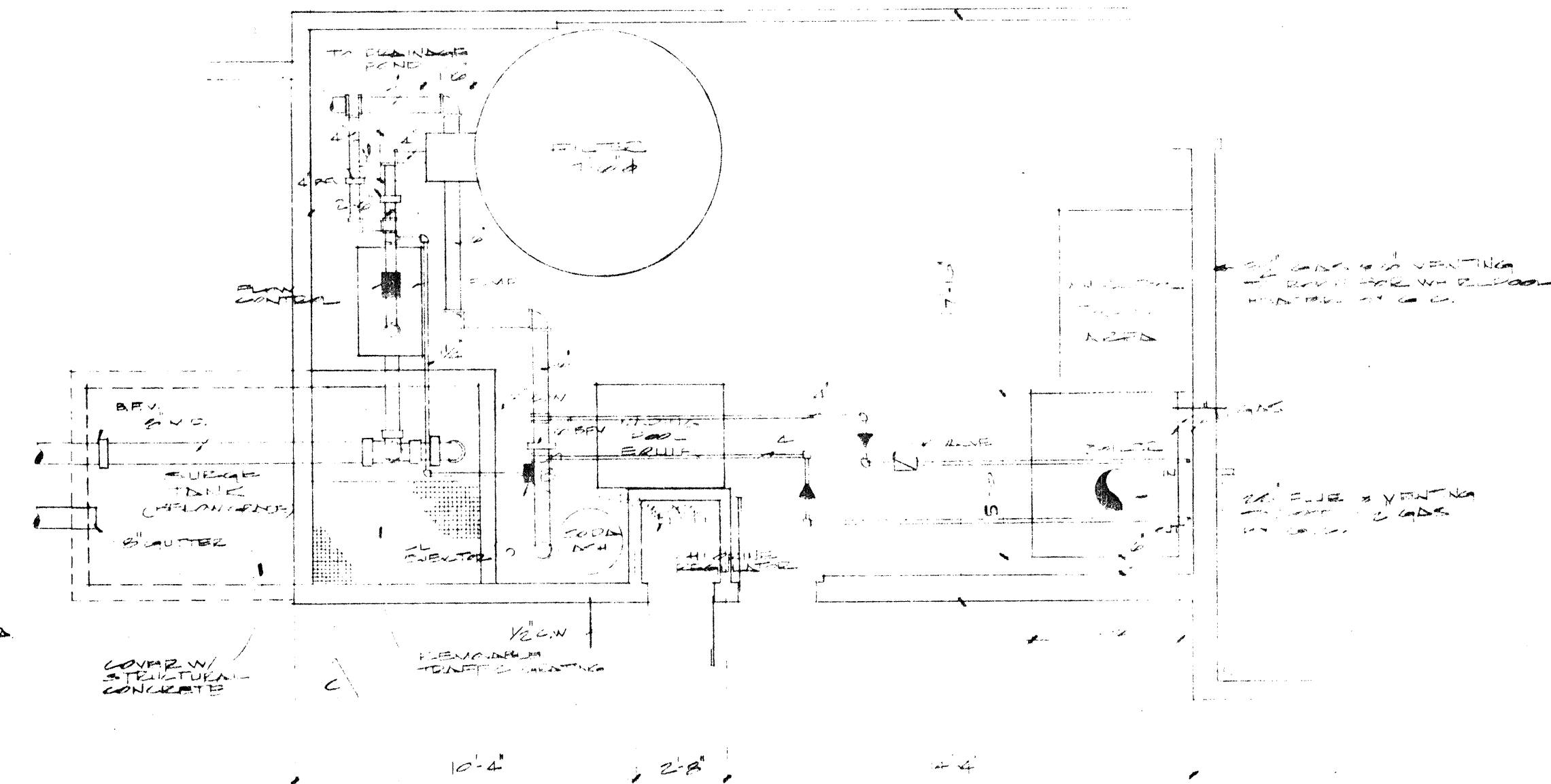
WATER MAKE UP SCHEMATIC
NO SCALE



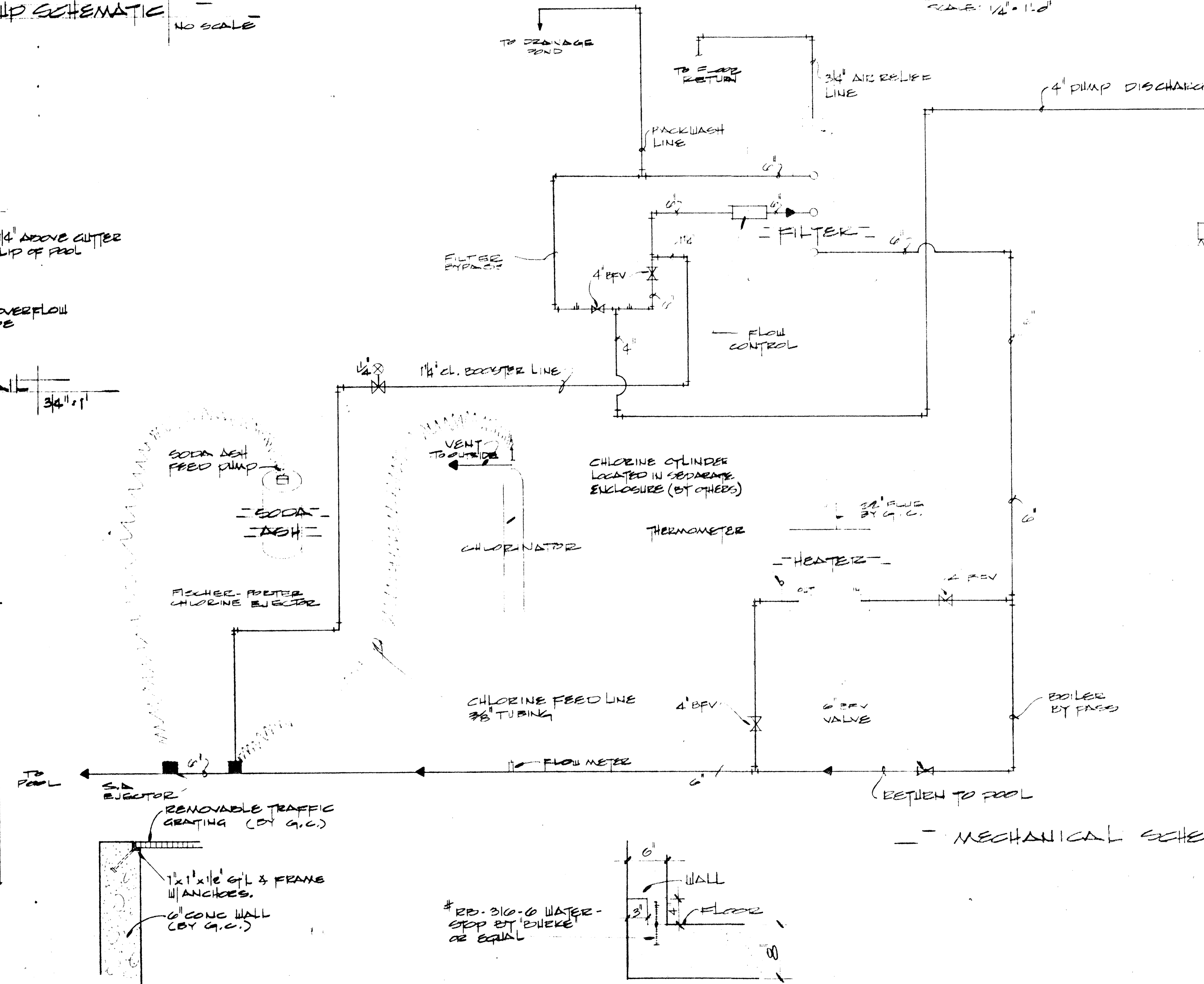
SC. OVERFLOW DETAIL
3/4" = 1'-0"



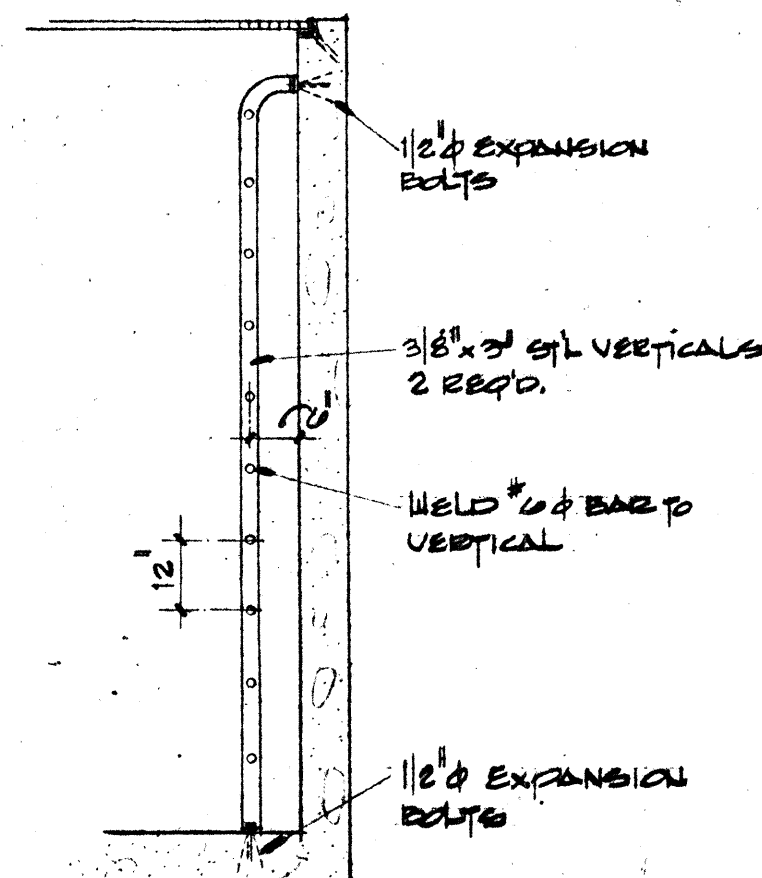
VIEW C
SURGE CHAMBER
SCALE: 1/8" = 1'-0" (BY G.C.)



EQUIPMENT ROOM LAYOUT
SCALE: 1/8" = 1'-0"



MECHANICAL SCHEMATIC
NO SCALE

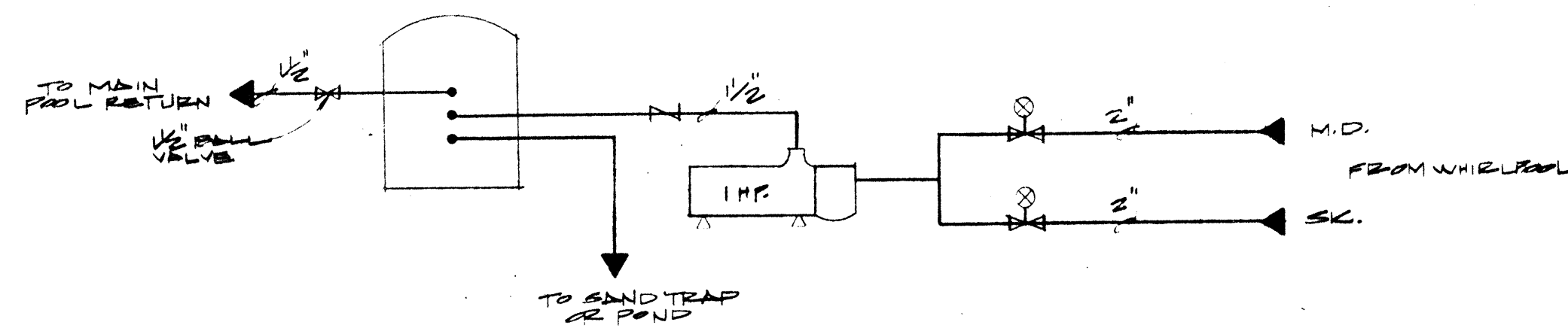


LADDER DETAIL
(BY G.C.) 3/8" = 1'-0"

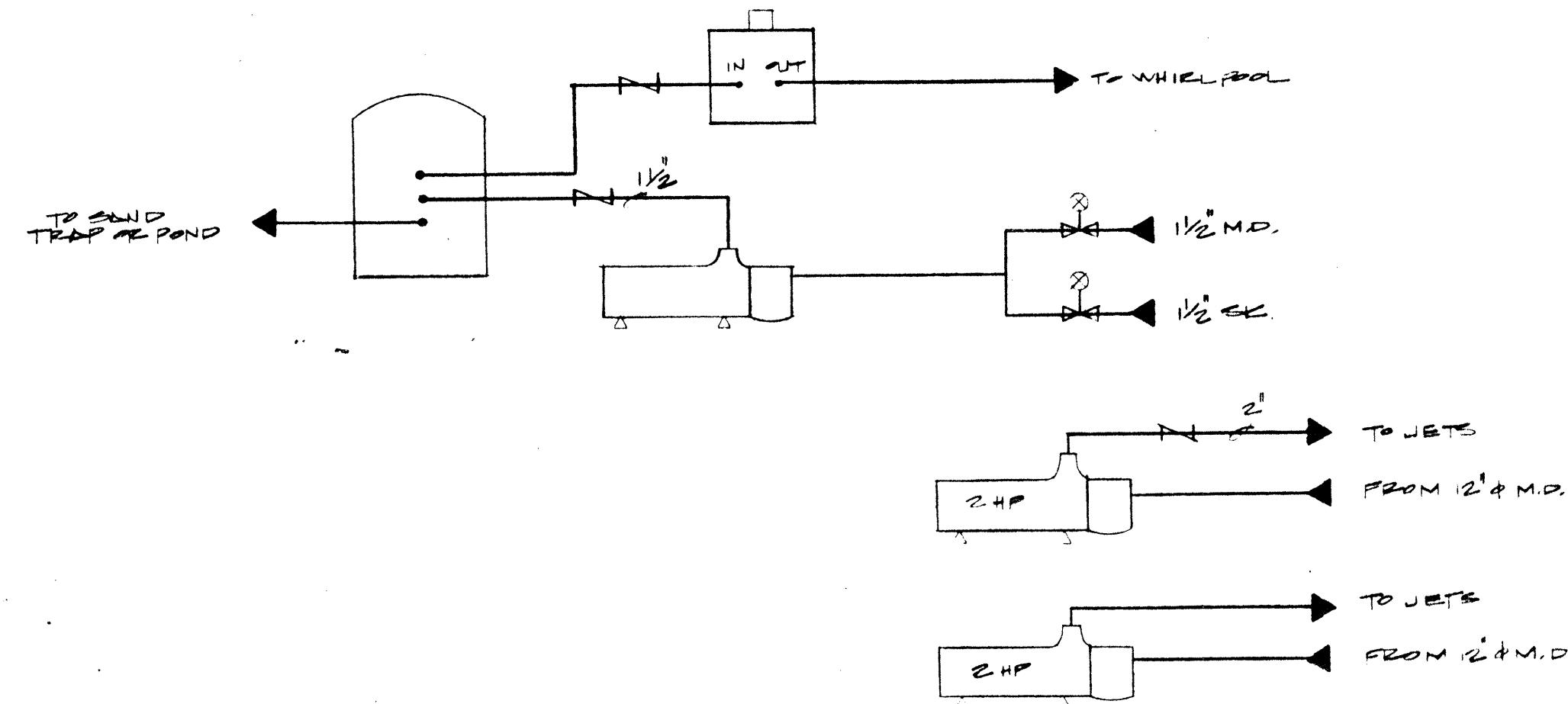
	OPERATING DATA		
	MAIN POOL	WHEEL POOL	WADING POOL
GALLONS	238,757	1440	1740
PUMP	15 HP 750 GPM @ 20' TD	1/2 HP 30 GPM @ 20' TD	1 HP 37 GPM @ 20' TD
FILTER	HELIX 12" 44.2 S.F. HI RATE SAND	0.6 25 S.F.	2.2 S.F. HI RATE SAND
FLOW RATE	750 GPM; 17.1 GPM/G.F.	30 GPM; 1.5 GPM/G.F.	37 GPM
TURN OVER	5 HRS 15 MIN.	30 MIN.	47 MIN.
BOILER	1/2 HP 200 BTU, 1/2 GPM (NAT)	151,000 BTU, 4.5 GPM (NAT)	N.D.
FLOW CONTROL	GELENOLD 750 GPM (2.47 PSI)	N.D.	N.D.
JET PUMP	N.D.	200 2 HP 125 GPM @ 20' TD	N.D.
CHLORINATION	CHL. FEEDER 100 PPS CAPACITY	CHLORINATOR 200 PPS FEEDER	N.D. (CYCLES FROM M.P.)
PH CONTROL	300A NASH SUBMERSIBLE BY TELEVISION (2.5 GPH)	N.D.	N.D.

ANGLE FRAME DETAIL
@ HOLDING PIT, @ SURGE CHAMBER (BY G.C.)

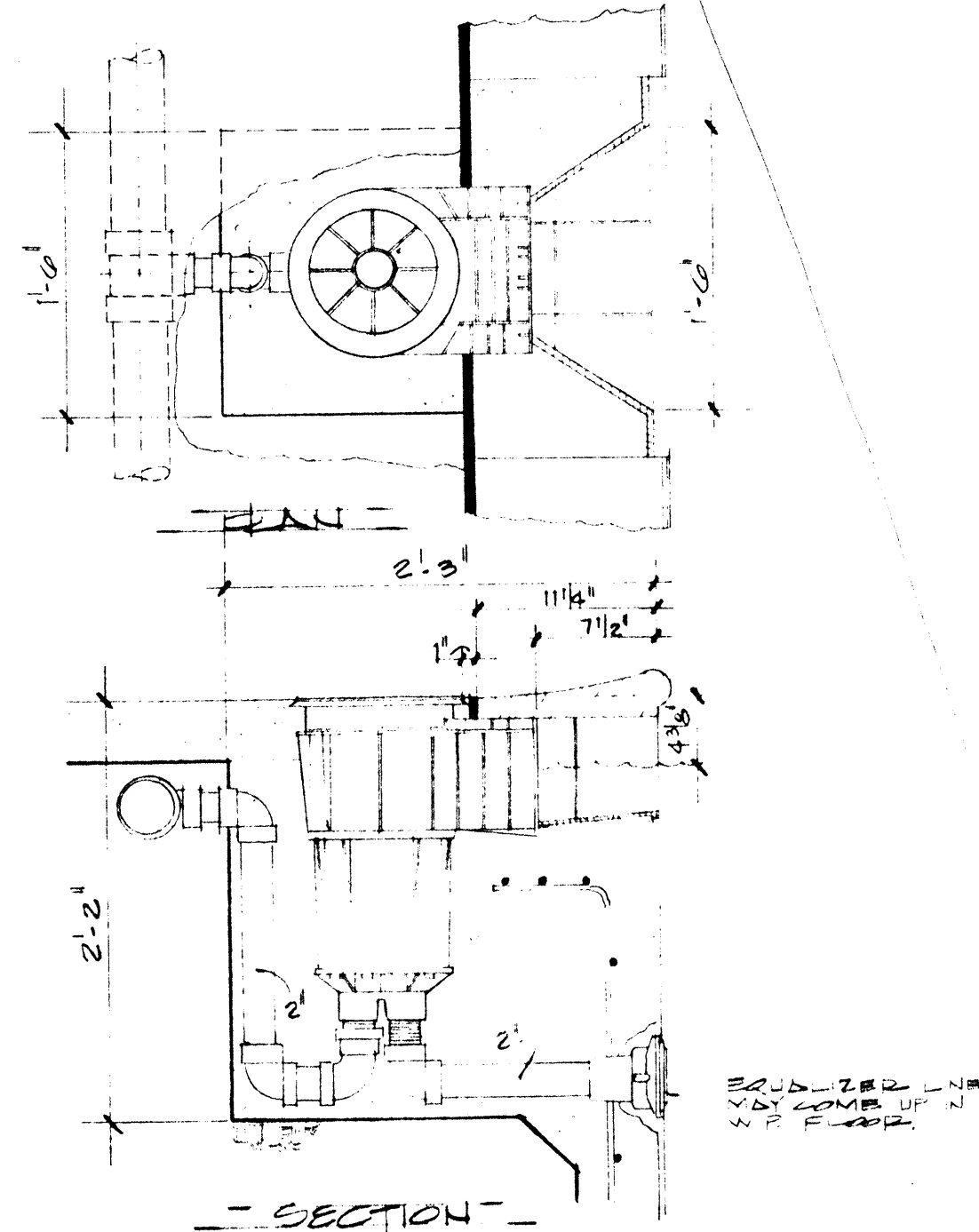
WATERSTOP DETAIL
@ HOLDING PIT, @ SURGE CHAMBER (BY G.C.)



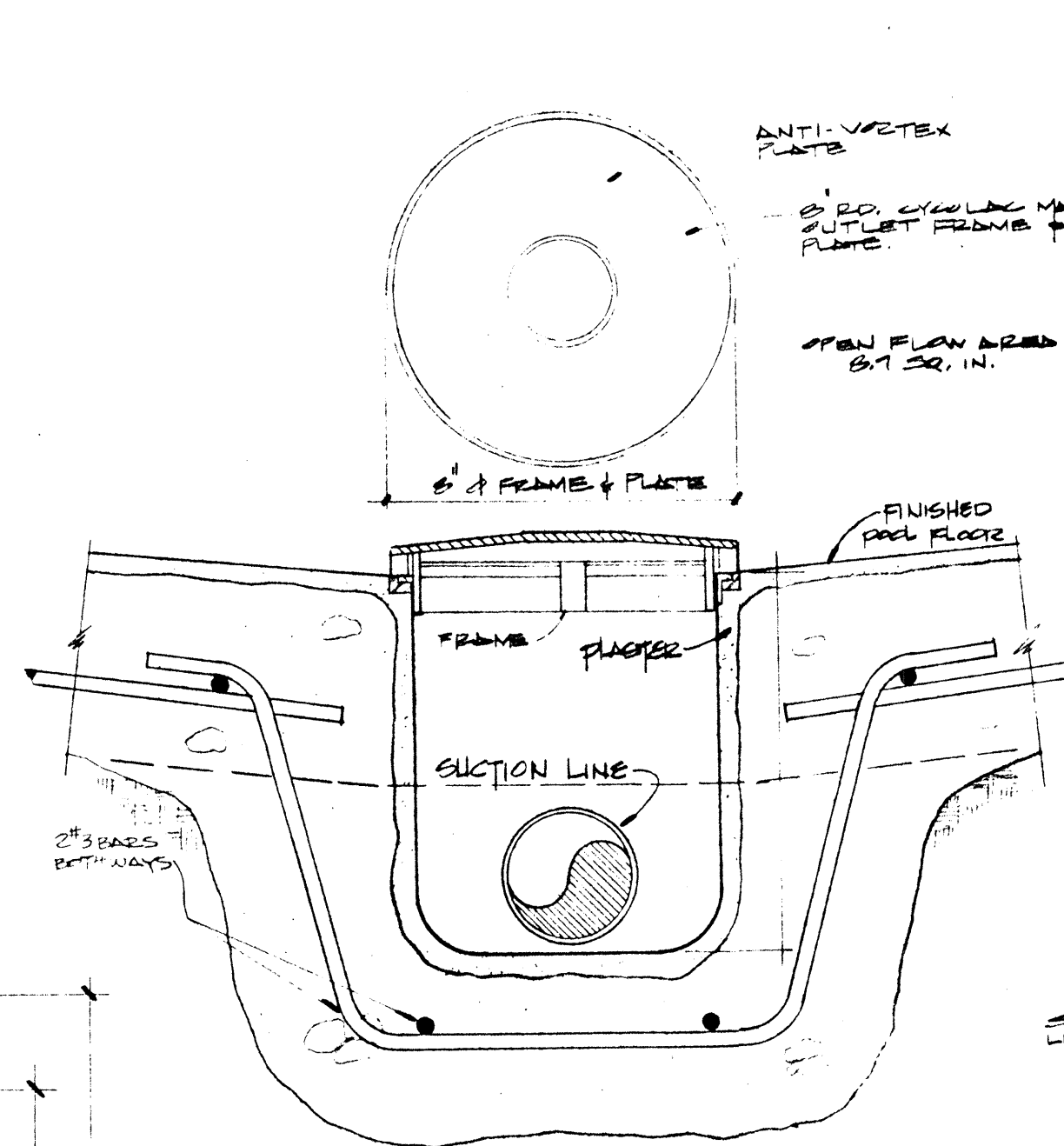
WADING POOL SCHEMATIC
NO SCALE



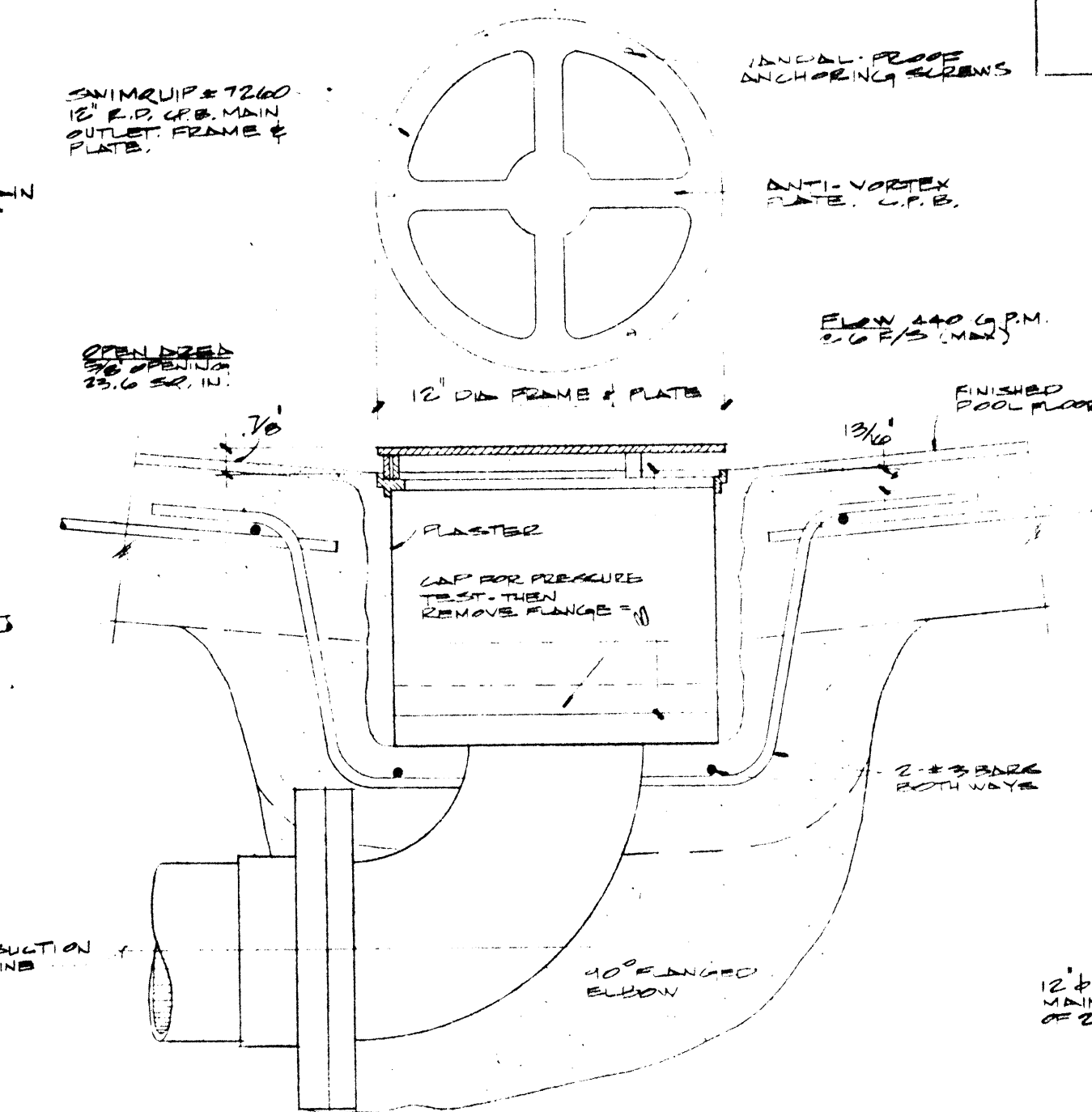
WHIRLPOOL SCHEMATIC
NO SCALE



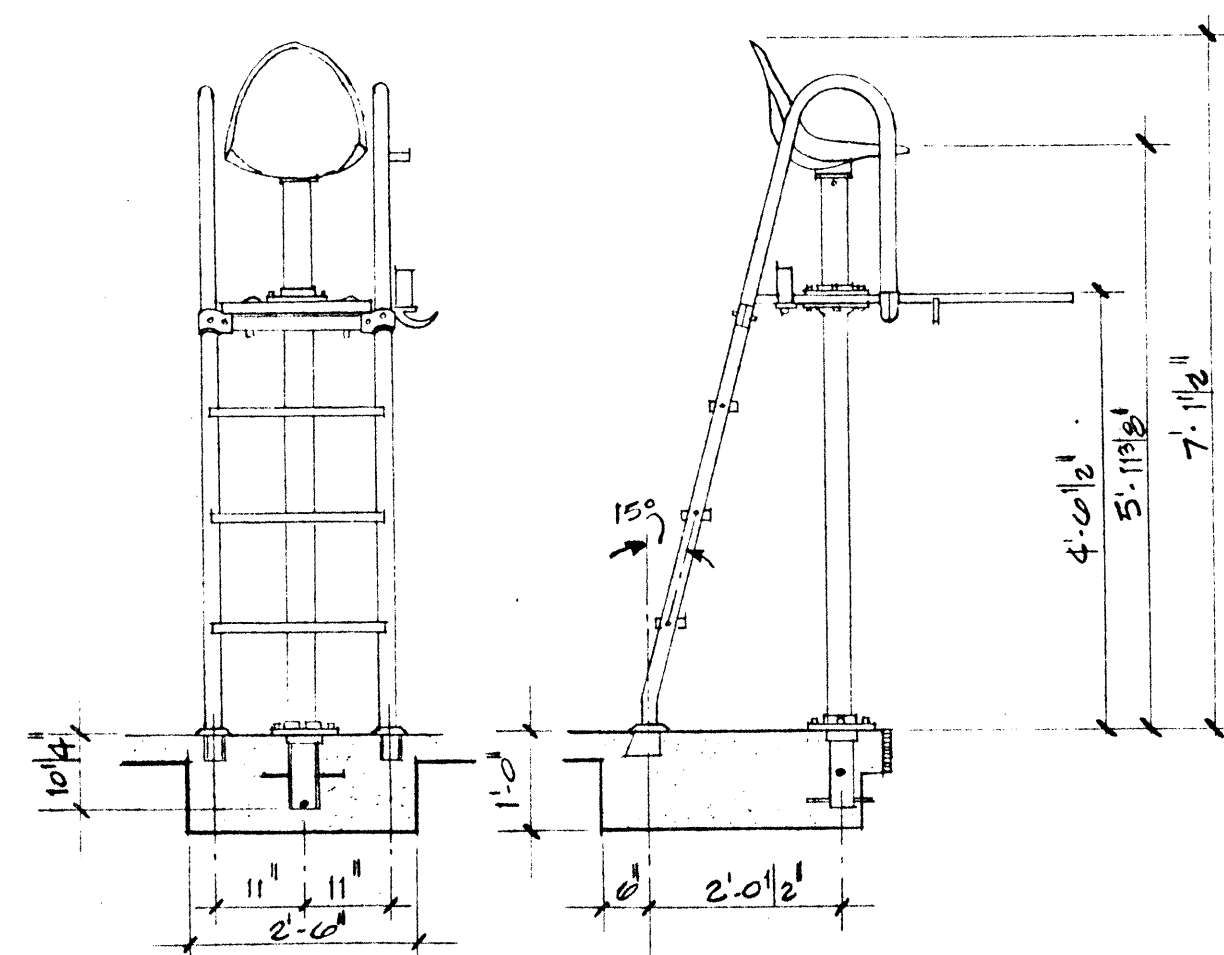
**SURFACE SKIMMER DETAIL
AT WADING POOL AND WHIRLPOOL**
NO SCALE



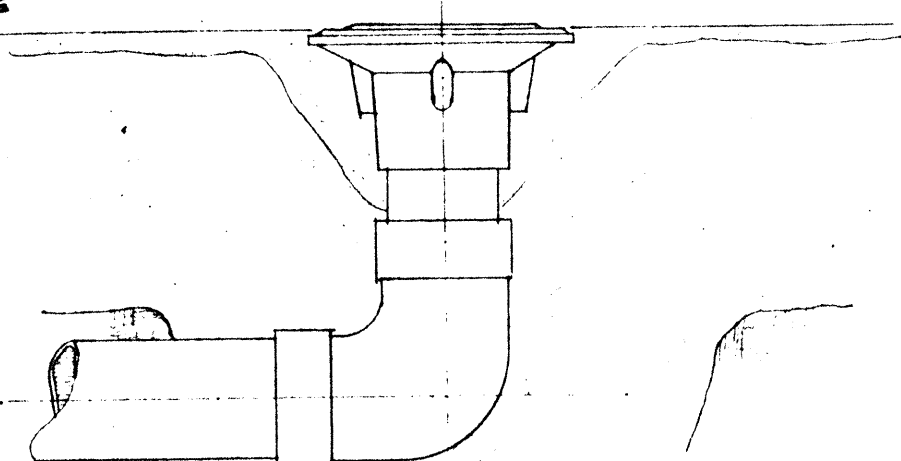
**8" RD. MAIN OUTLET
AT WADING POOL
AT WHIRLPOOL**
NO SCALE



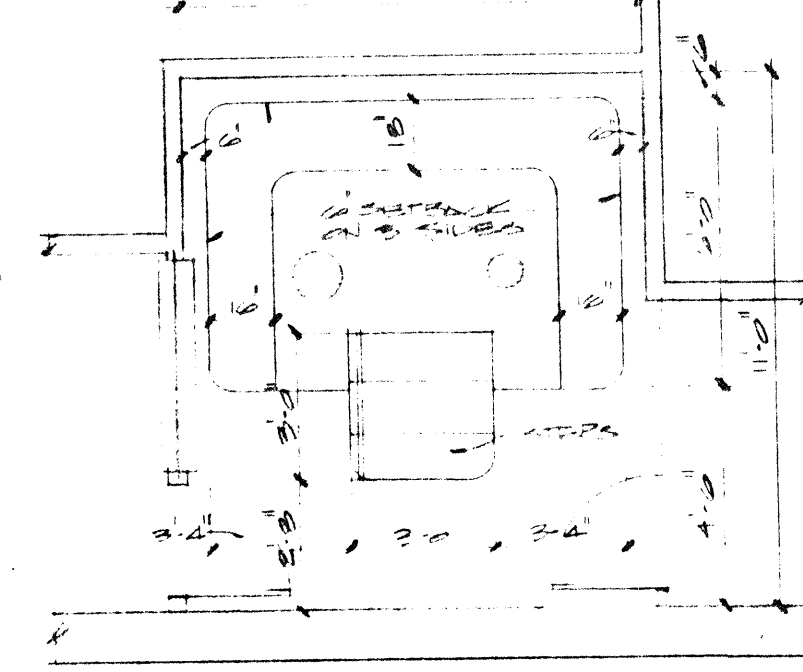
**12" RD. MAIN OUTLET
AT WHIRLPOOL**
NO SCALE



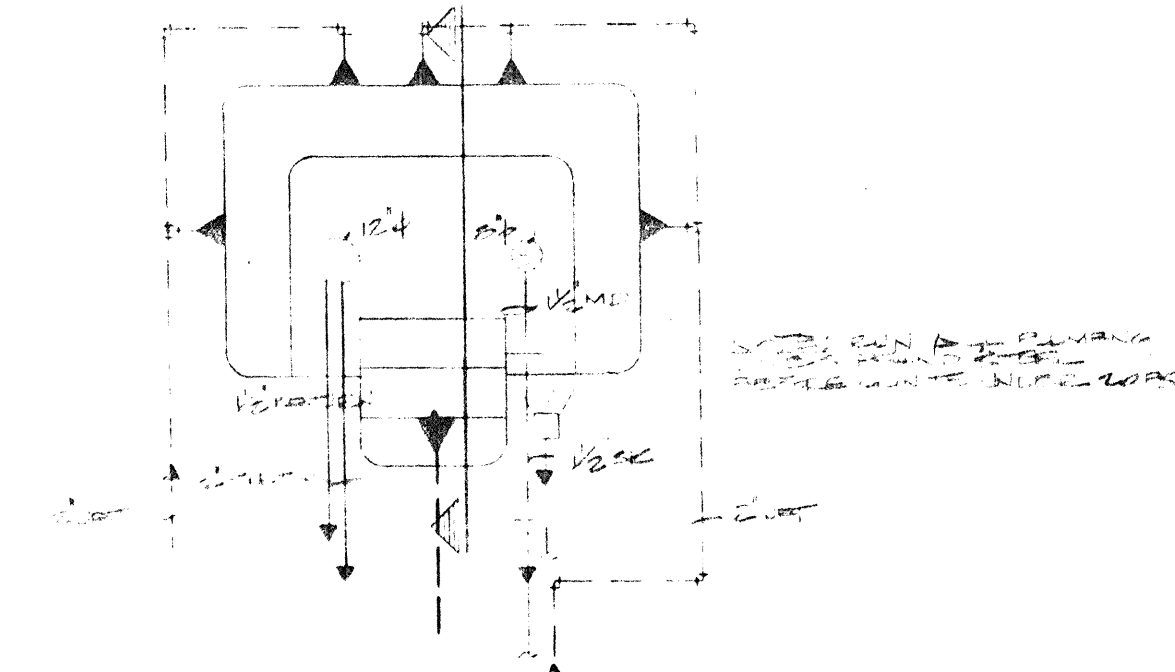
GUARD CHAIR
SCALE: 3/4" = 1'-0"



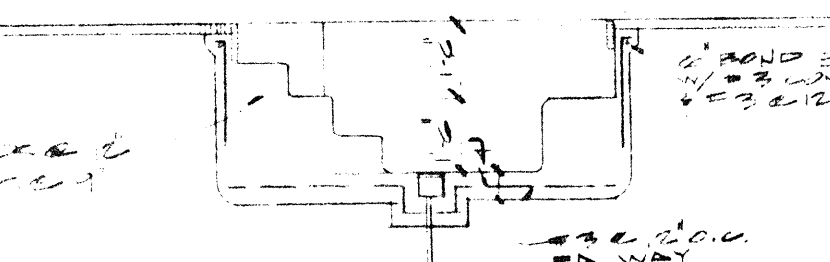
FLOOR INLET FITTING
NO SCALE



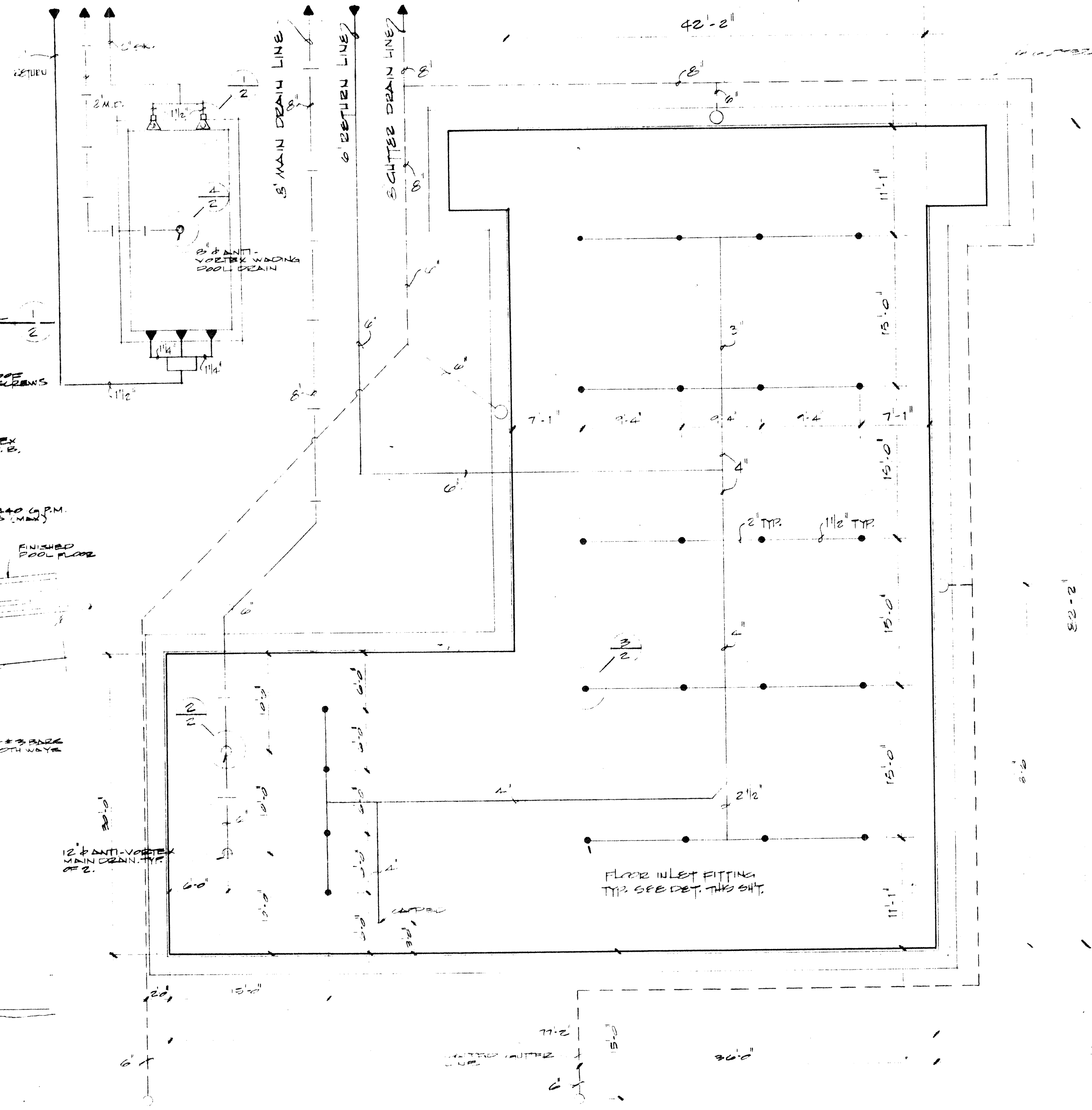
WHIRLPOOL PLAN
SCALE: 1/8" = 1'-0"



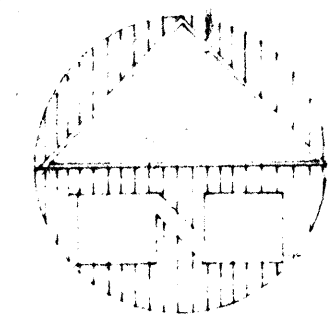
MECHANICAL PLAN
SCALE: 1/8" = 1'-0"



WHIRLPOOL SECTION
SCALE: 1/8" = 1'-0"



POOL MECHANICAL PLAN
SCALE: 1/8" = 1'-0"



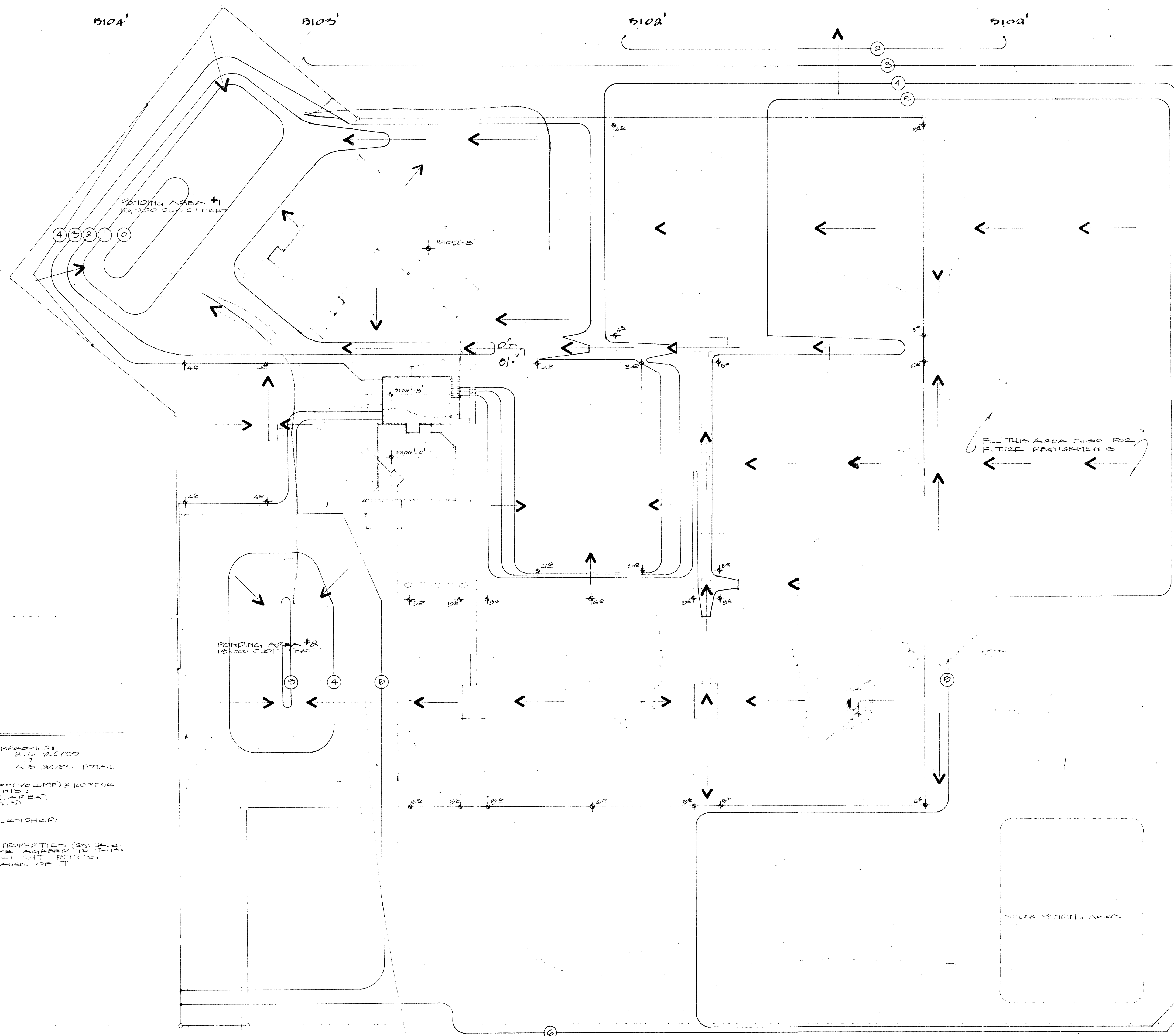
DRAINAGE NOTES

1) AVERAGE VALUE OF "C" - IMPROVED:
POOF, PAVING, & WALKS = 2.0 ACES
GRAVES, NATURAL AREAS = 1.7
THEN, C = 0.9 AVERAGE

2) TOTAL ADDITIONAL RUNOFF (VOLUME) @ 10 YEAR
STORM DUE TO IMPROVEMENTS:
 $V = (10.25 \times 4.2) (C \text{ IMPROV. AREA})$
 $= (10.25 \times 4.2) (2.0 - 1.7)$
 $= 12,741 \text{ C.F. REQ'D}$

3) VOLUME OF RETENTION FURNISHED:
 $V = 24,000 \text{ C.F.}$

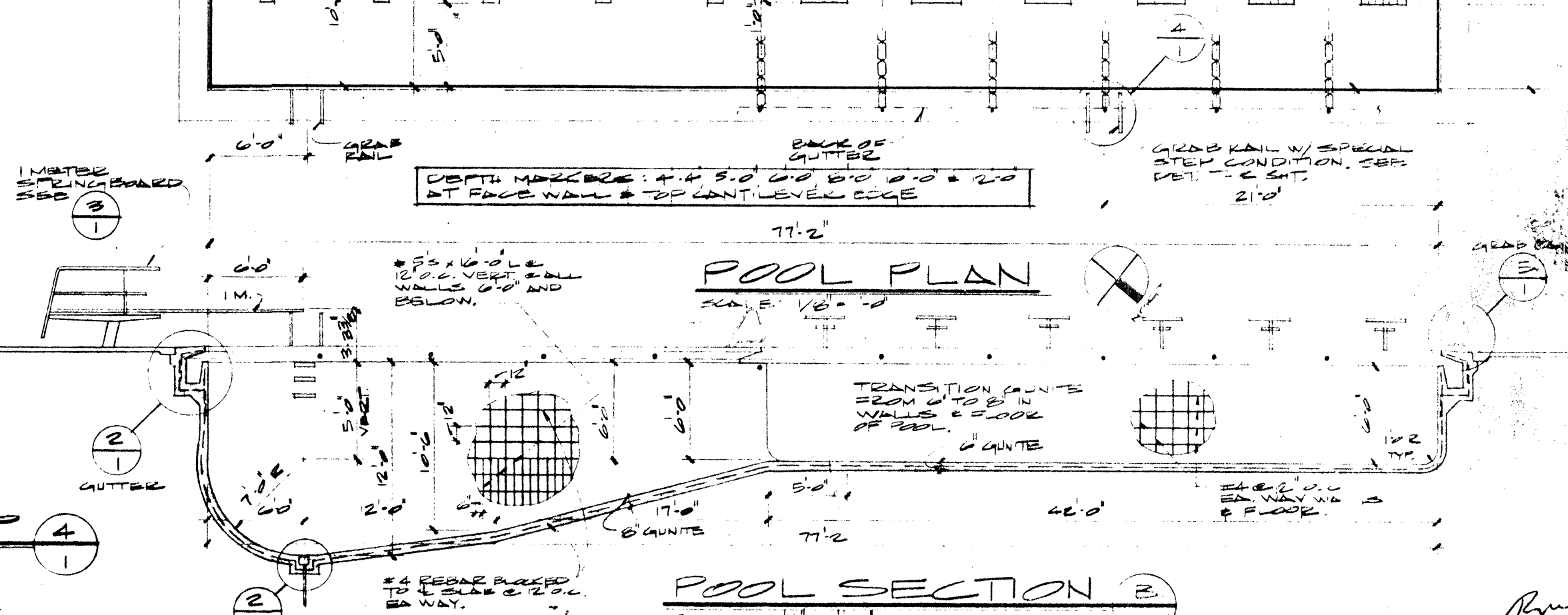
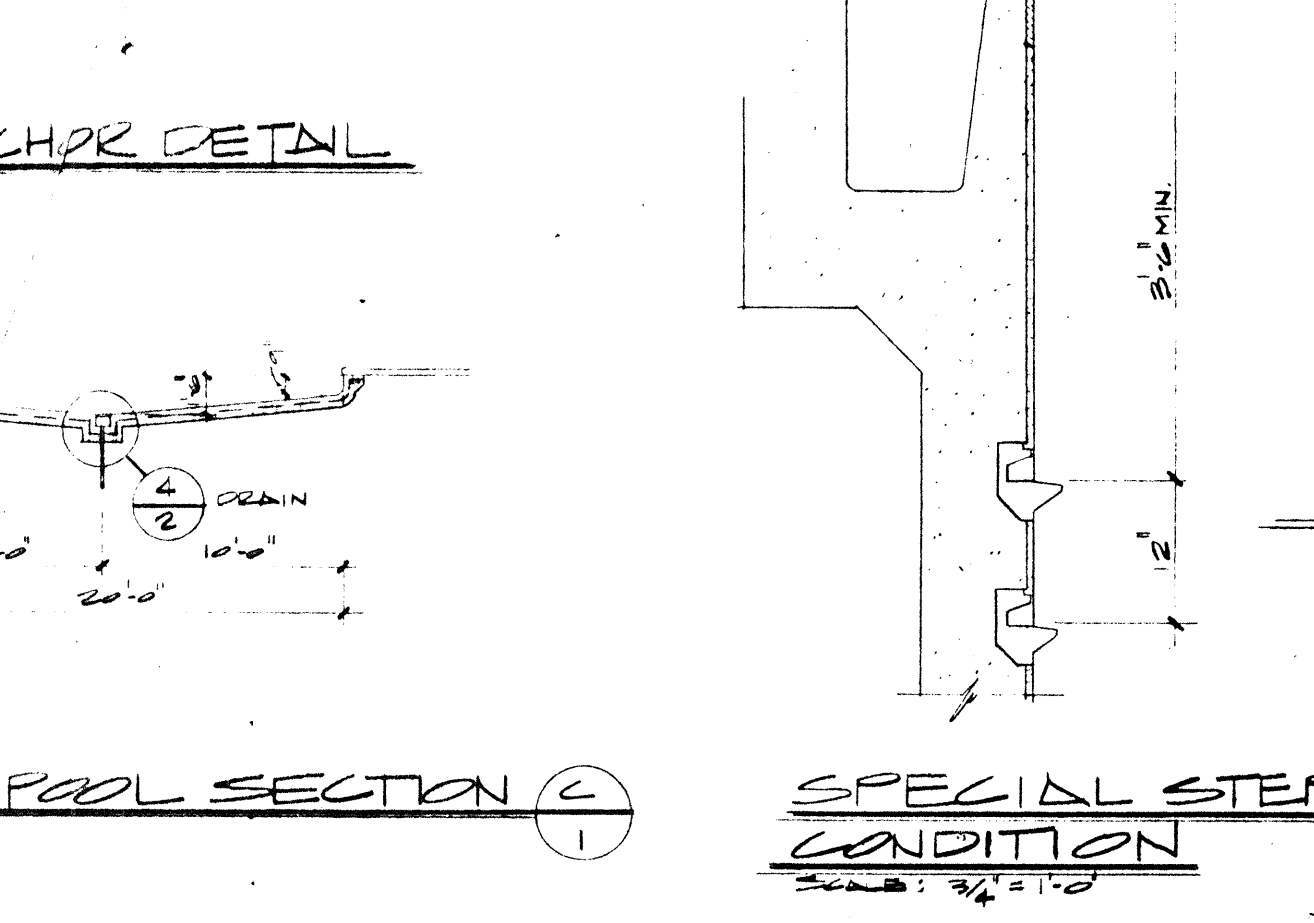
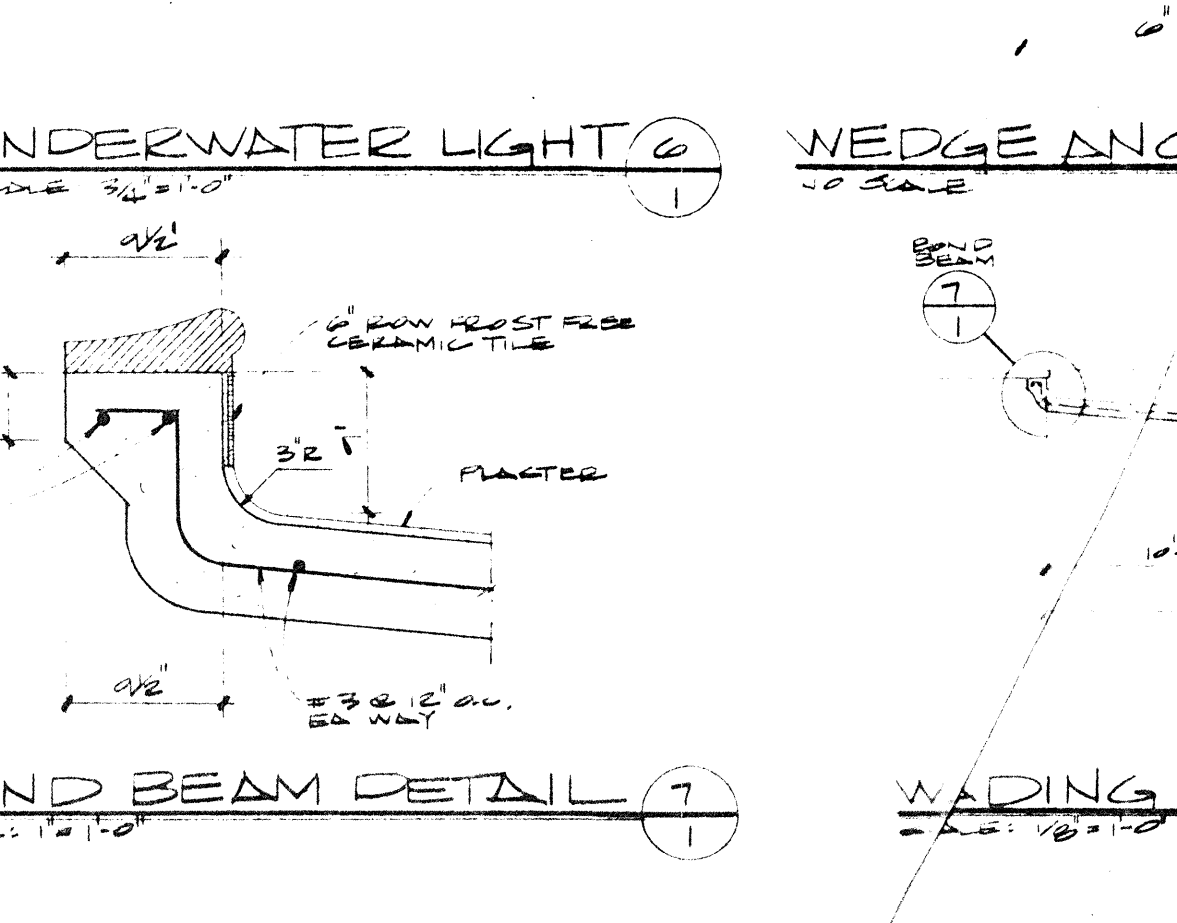
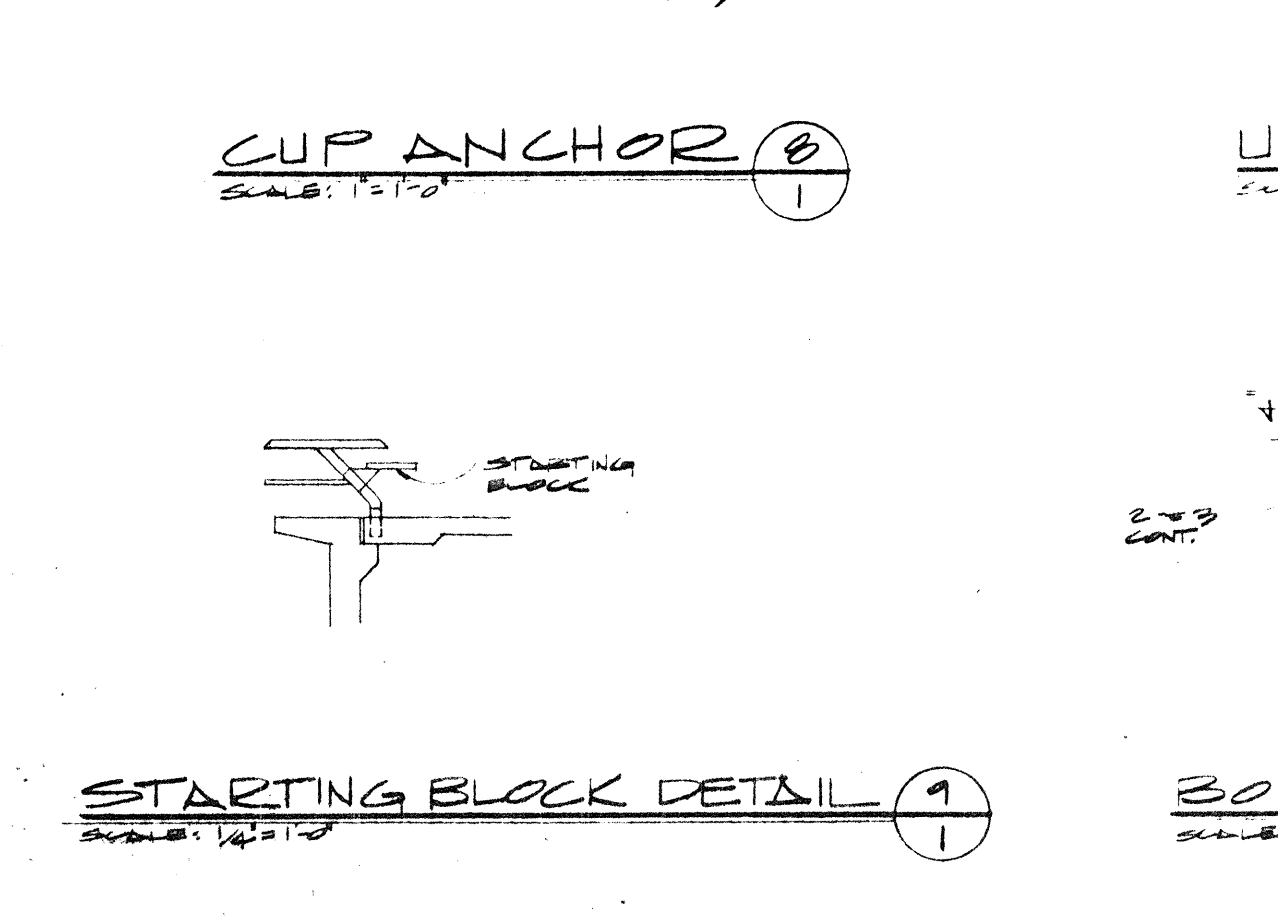
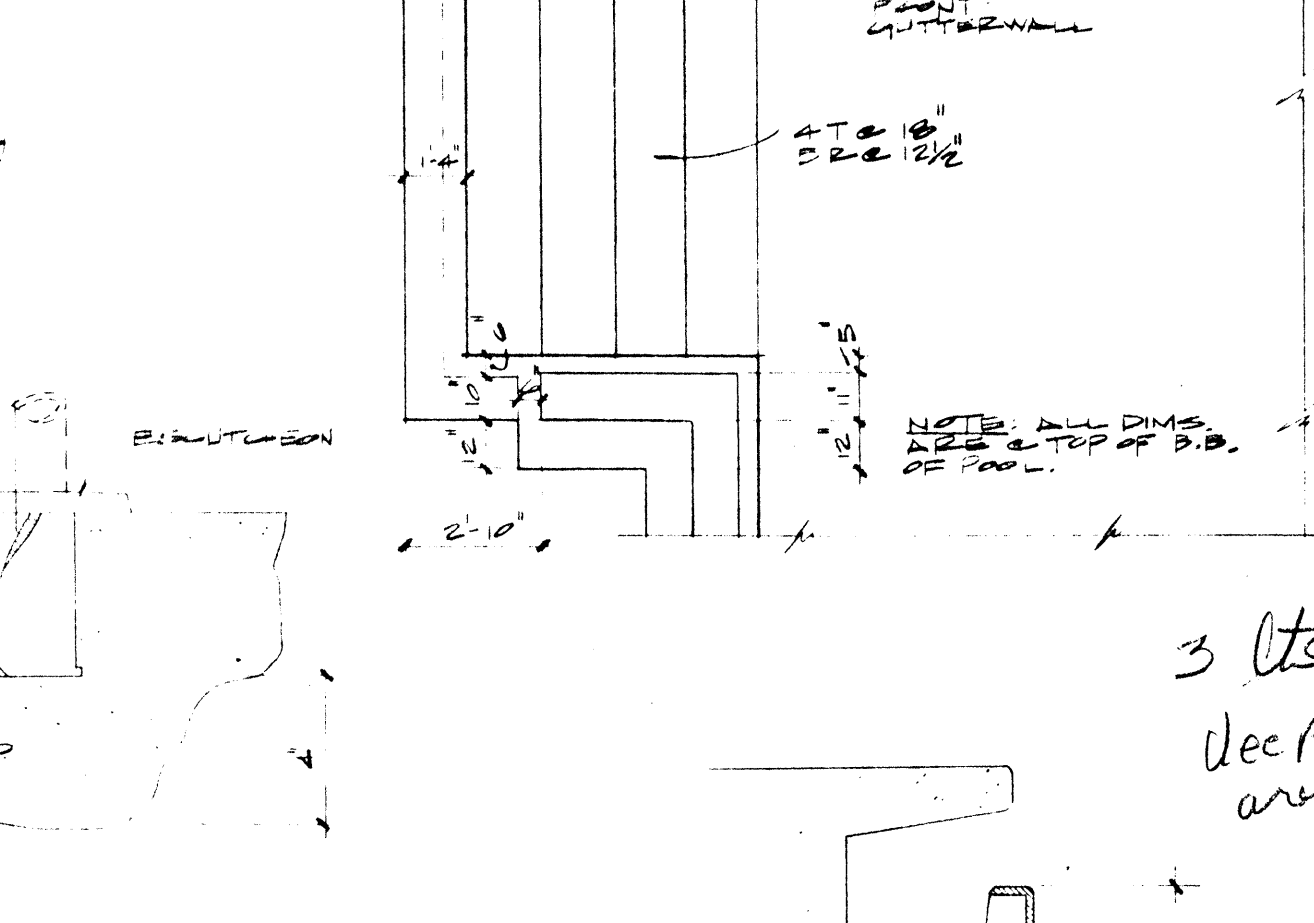
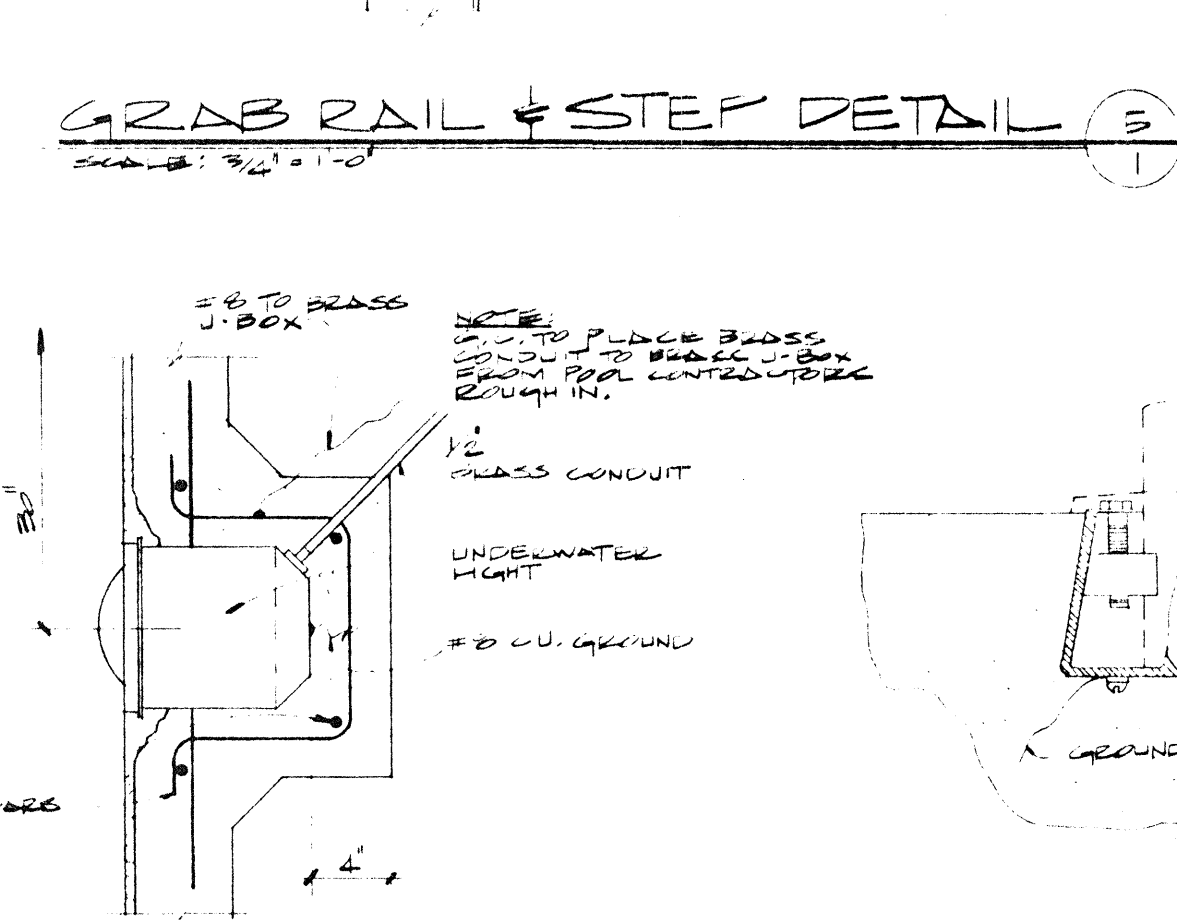
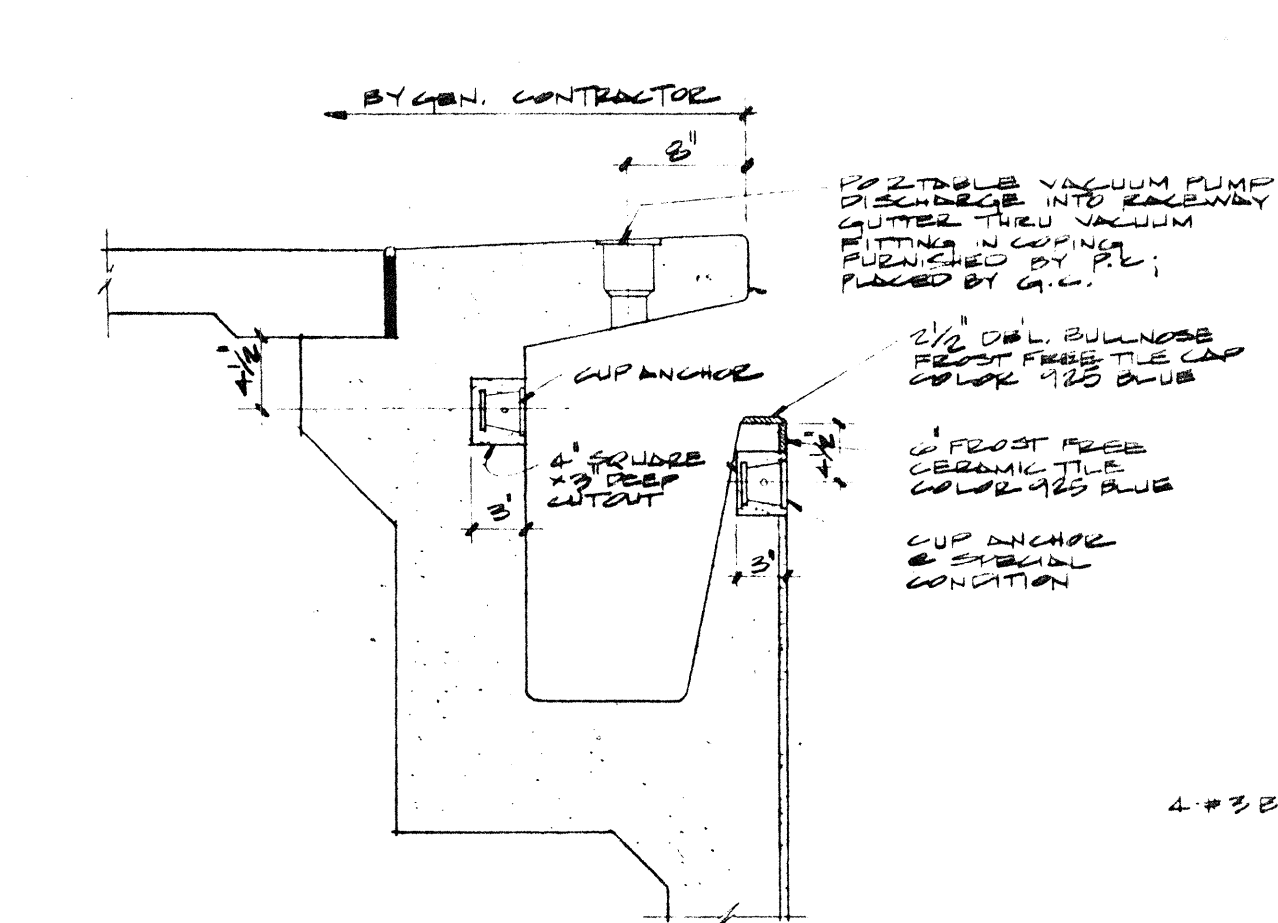
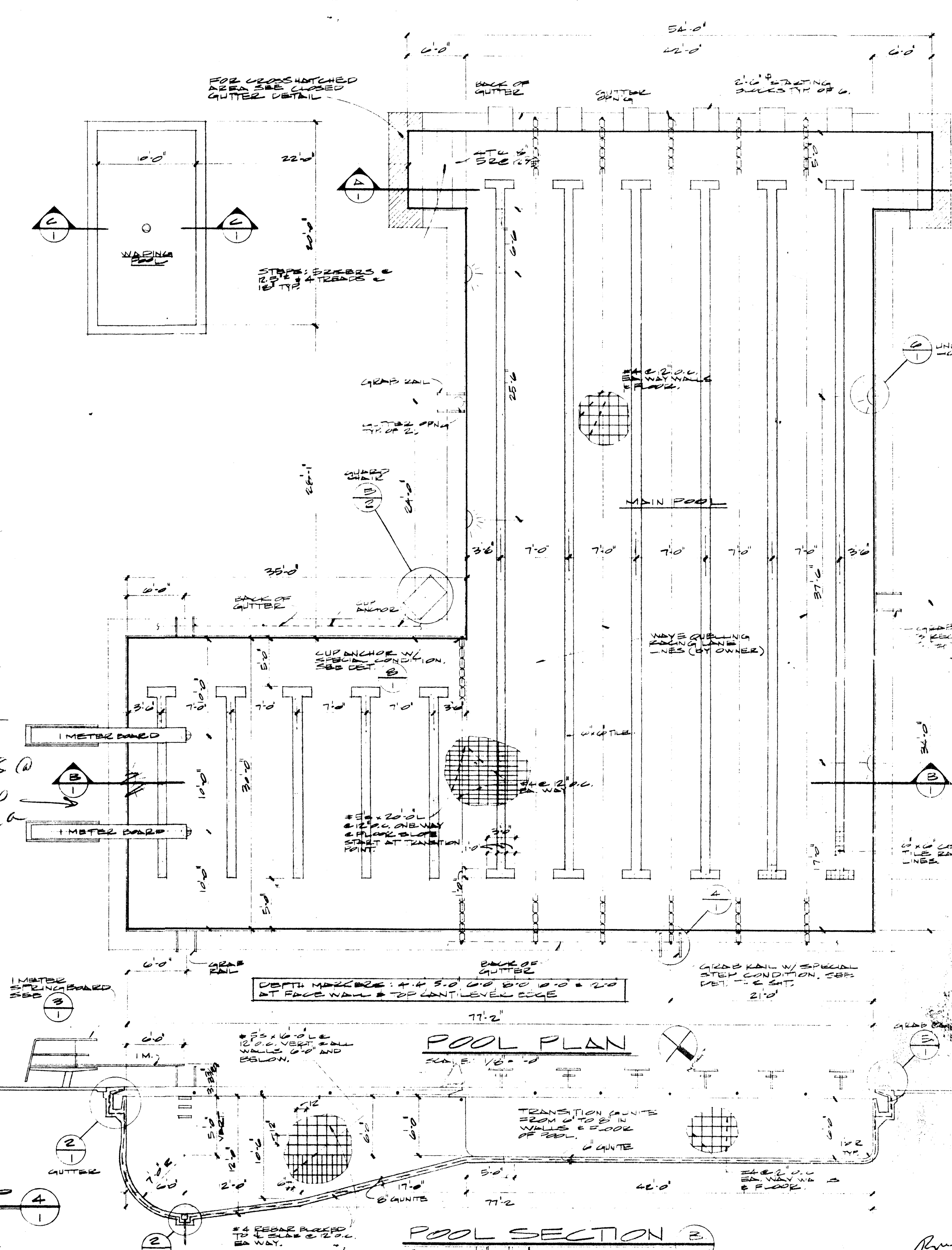
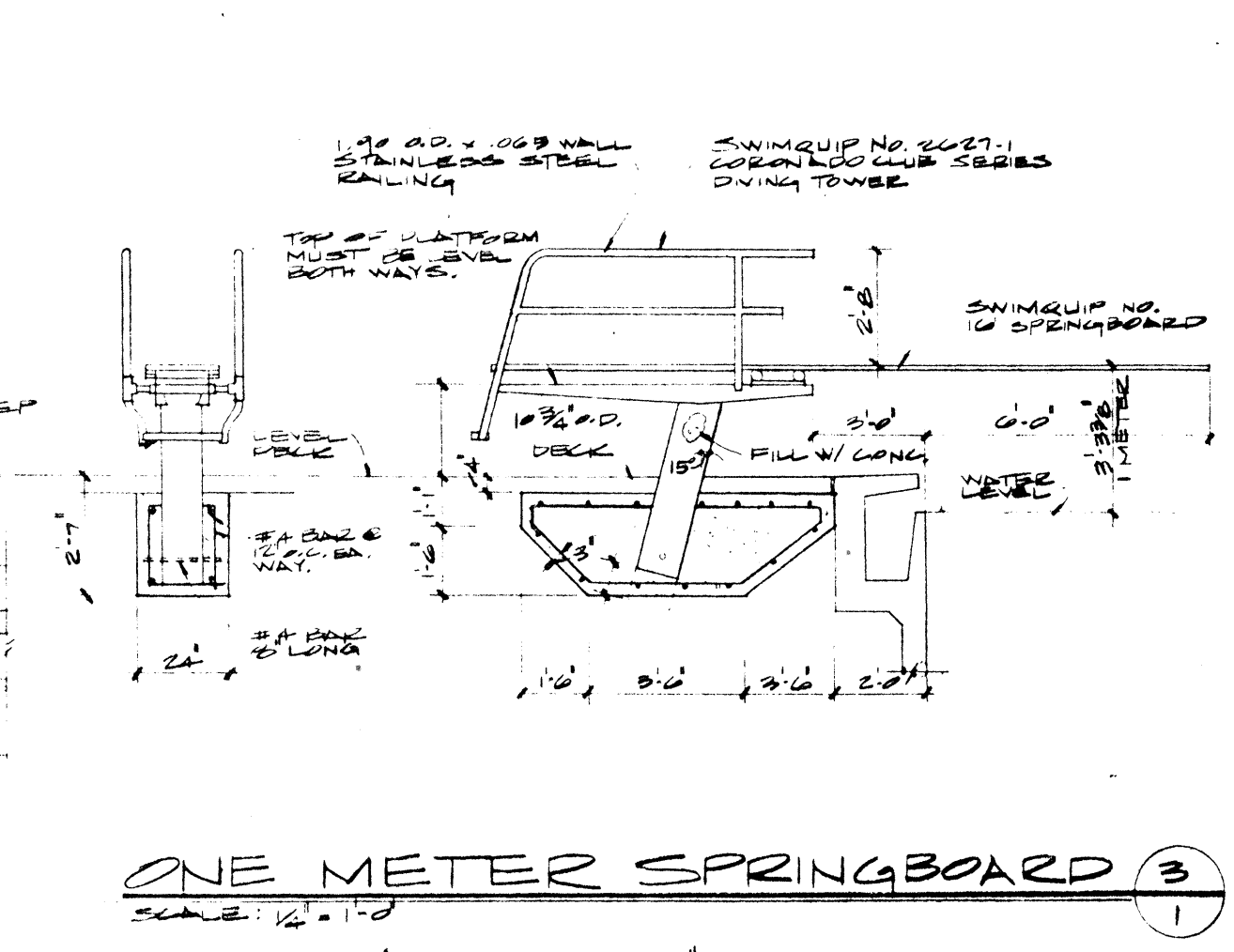
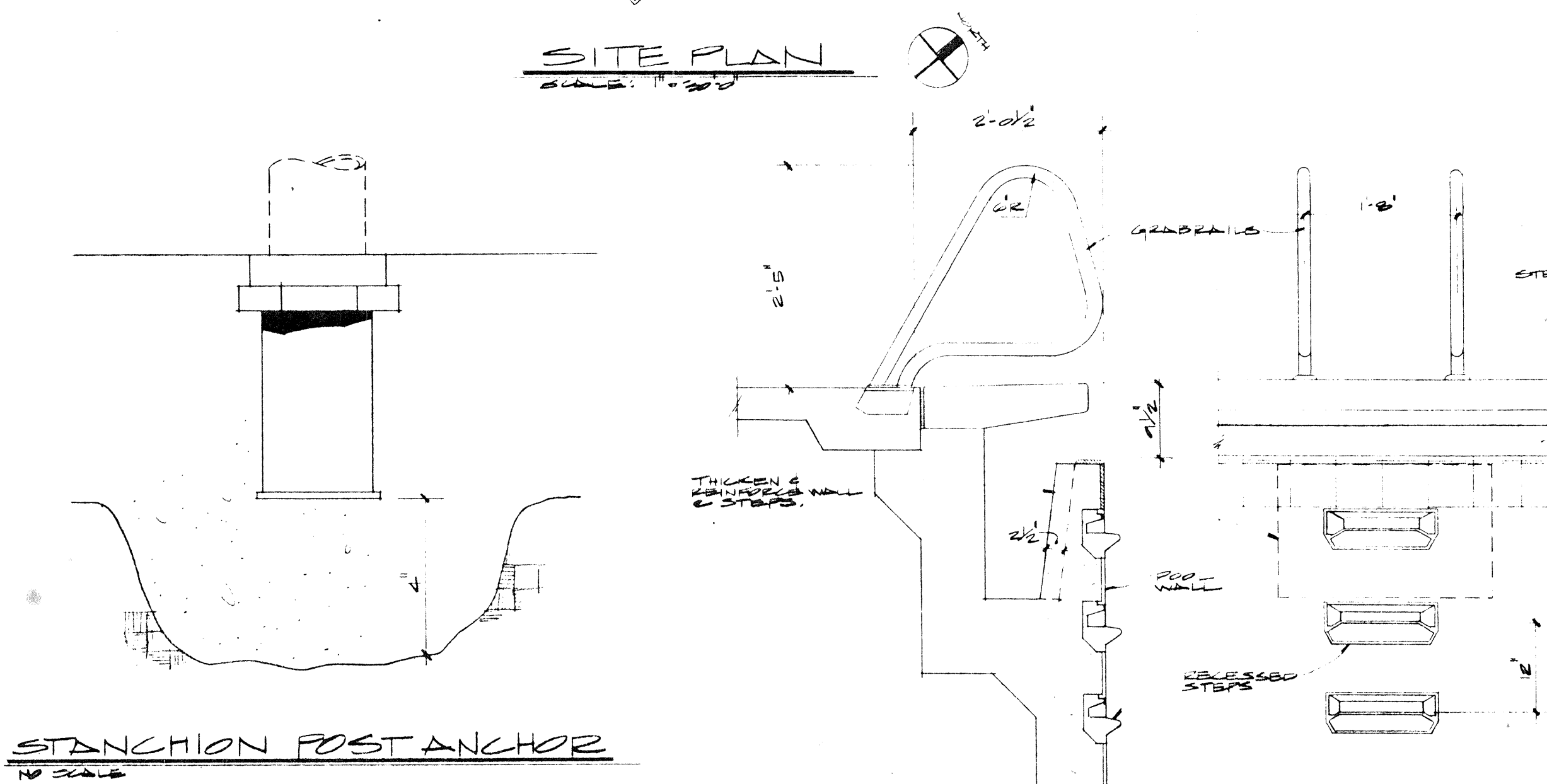
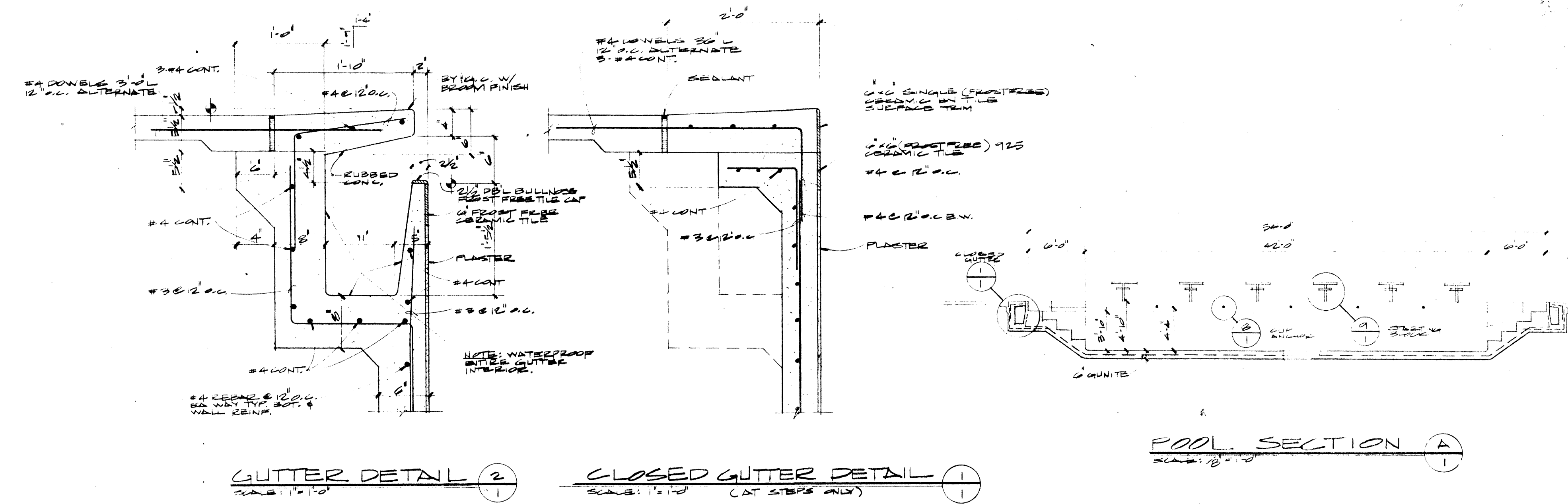
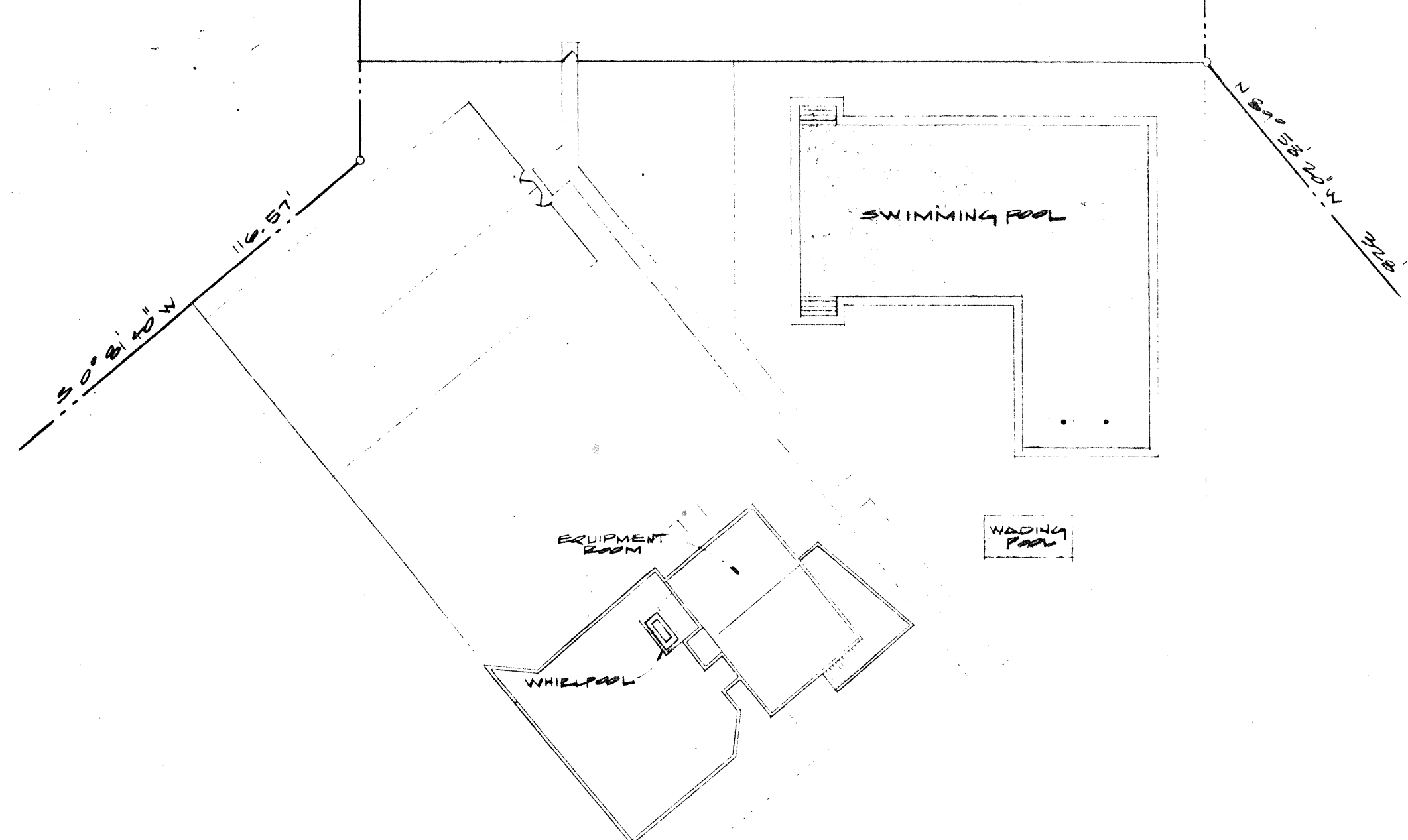
NOTE: OWNER OF ADJACENT PROPERTIES (DR. DAN
BELLAMAR CORP.) HAVE AGREED TO THIS
PLAN & ACCEPT THE WEIGHT BEING
SHIFTS THAT OCCUR BECAUSE OF IT.

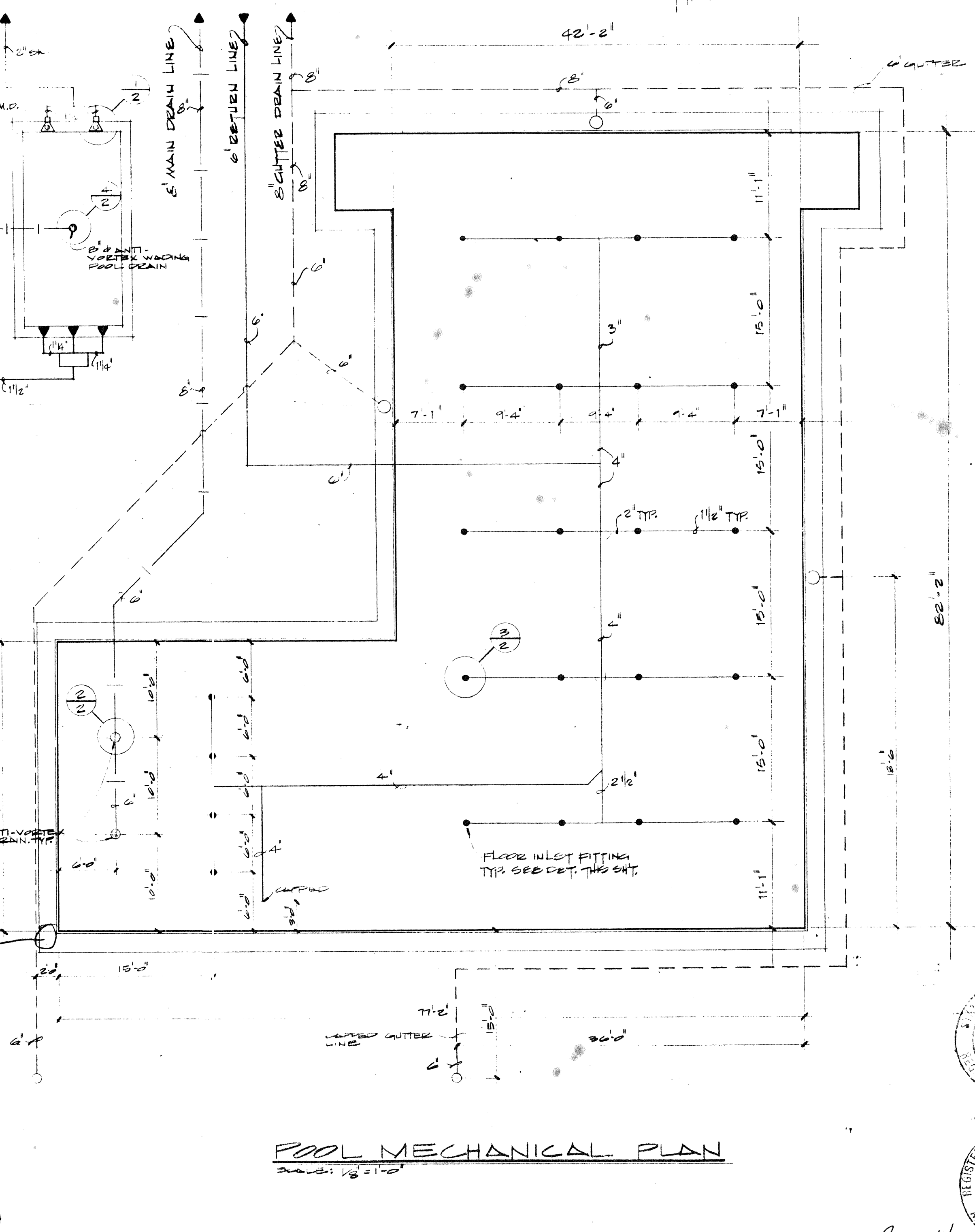
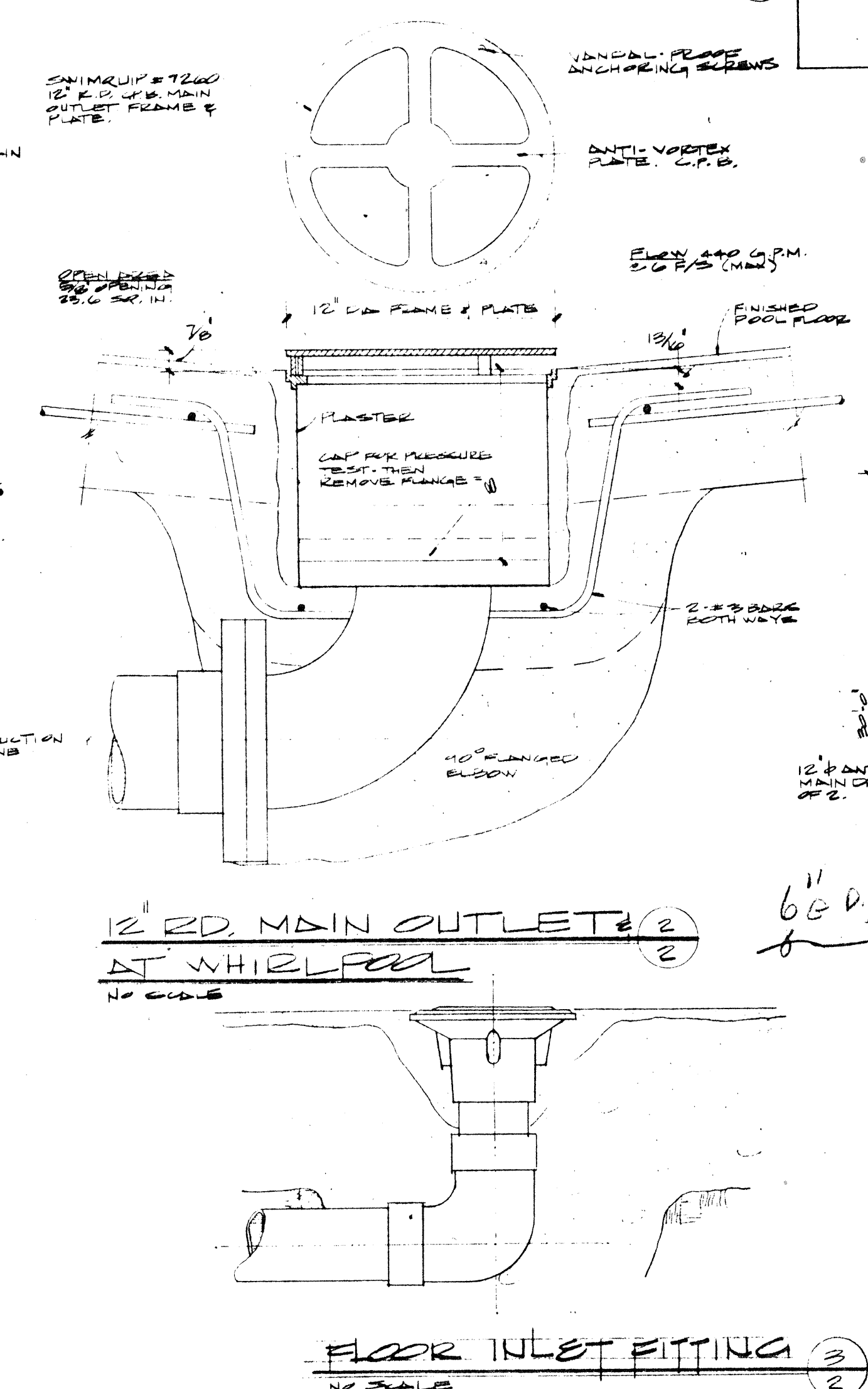
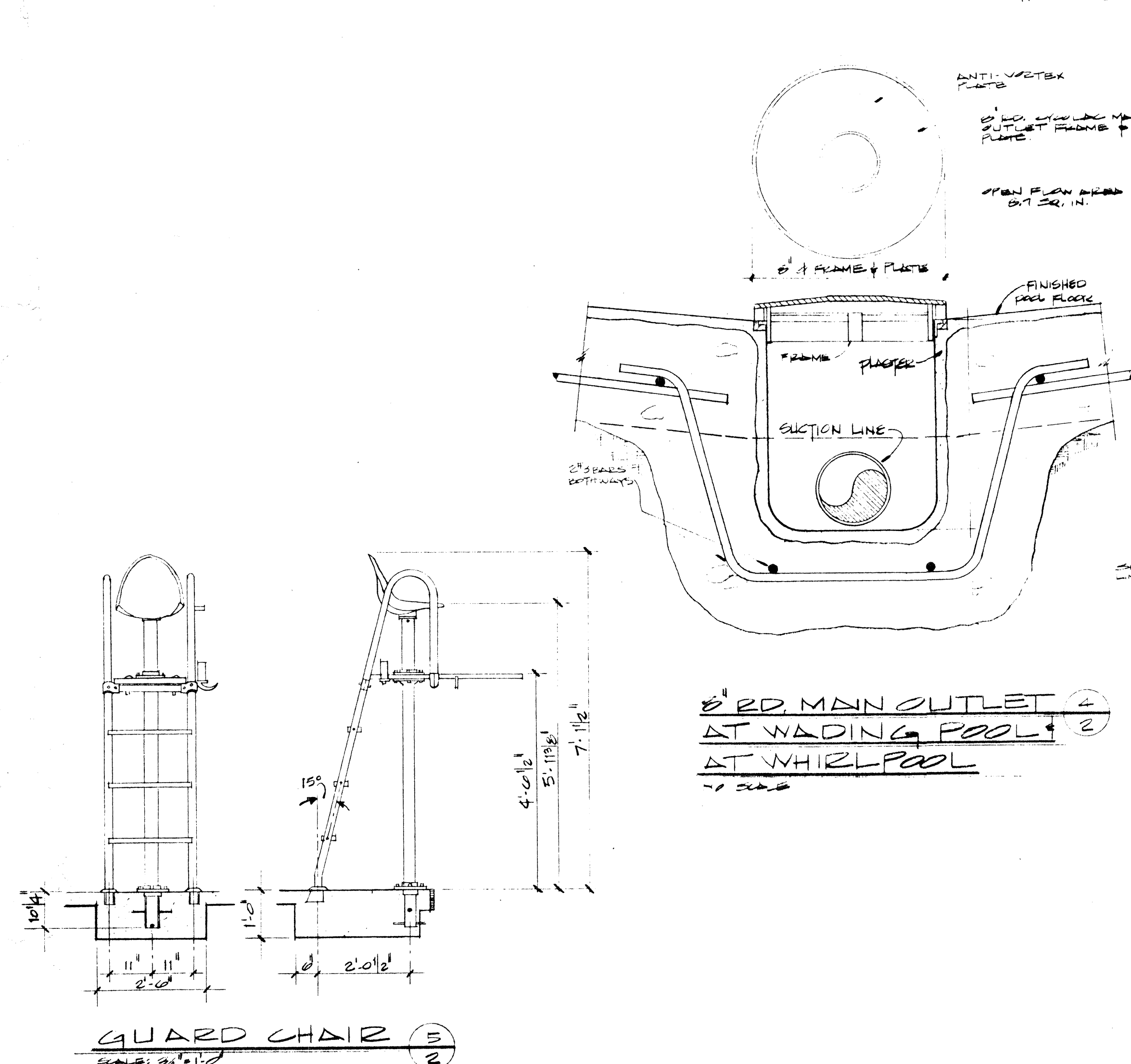
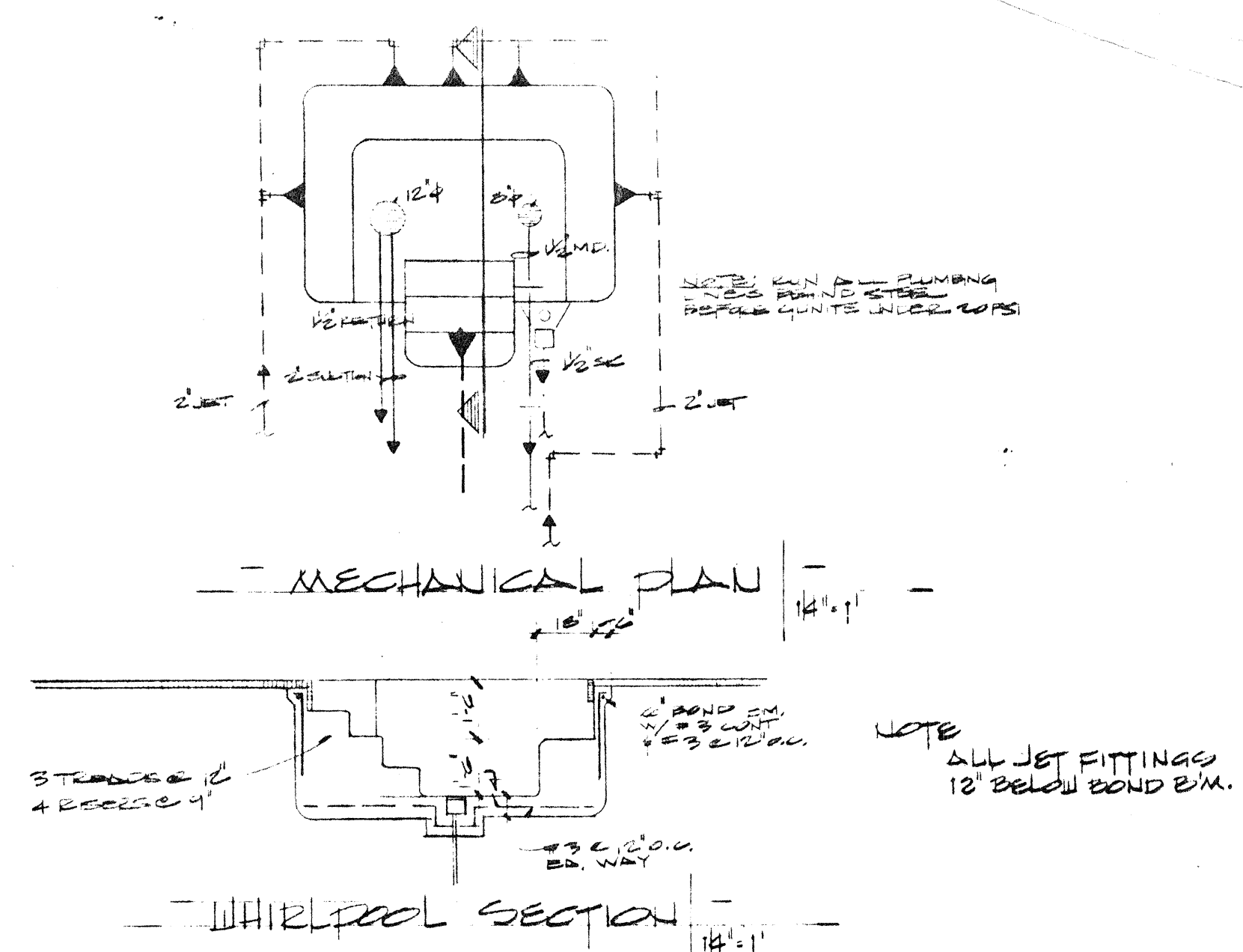
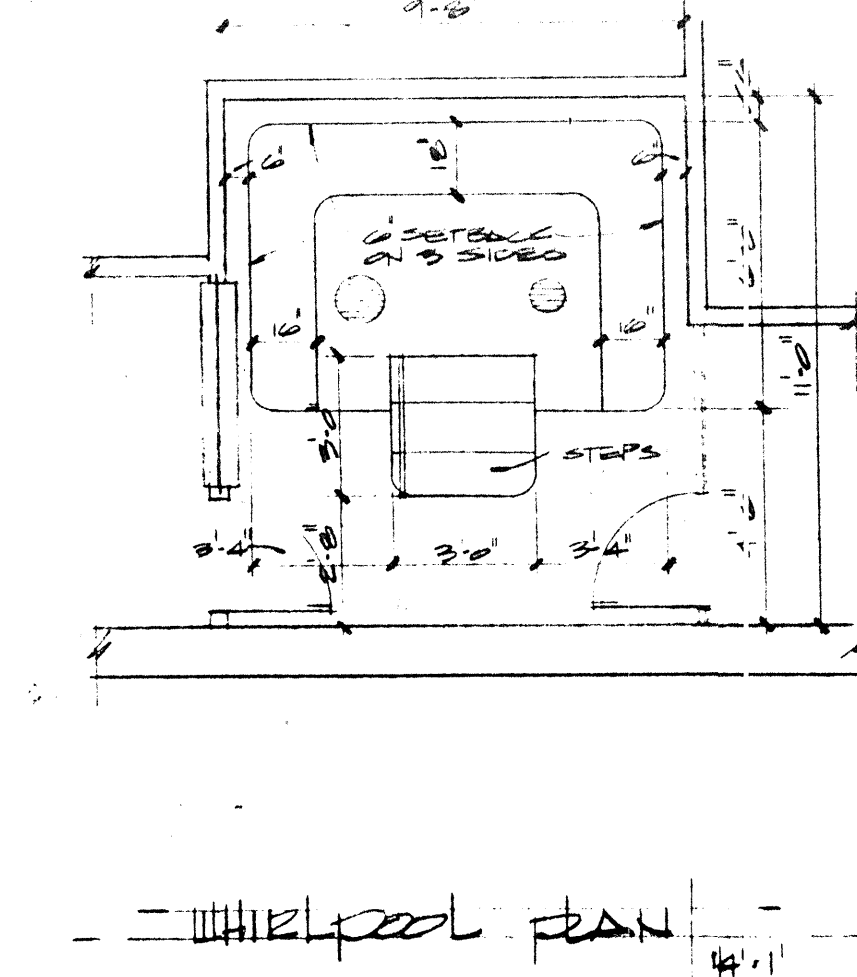
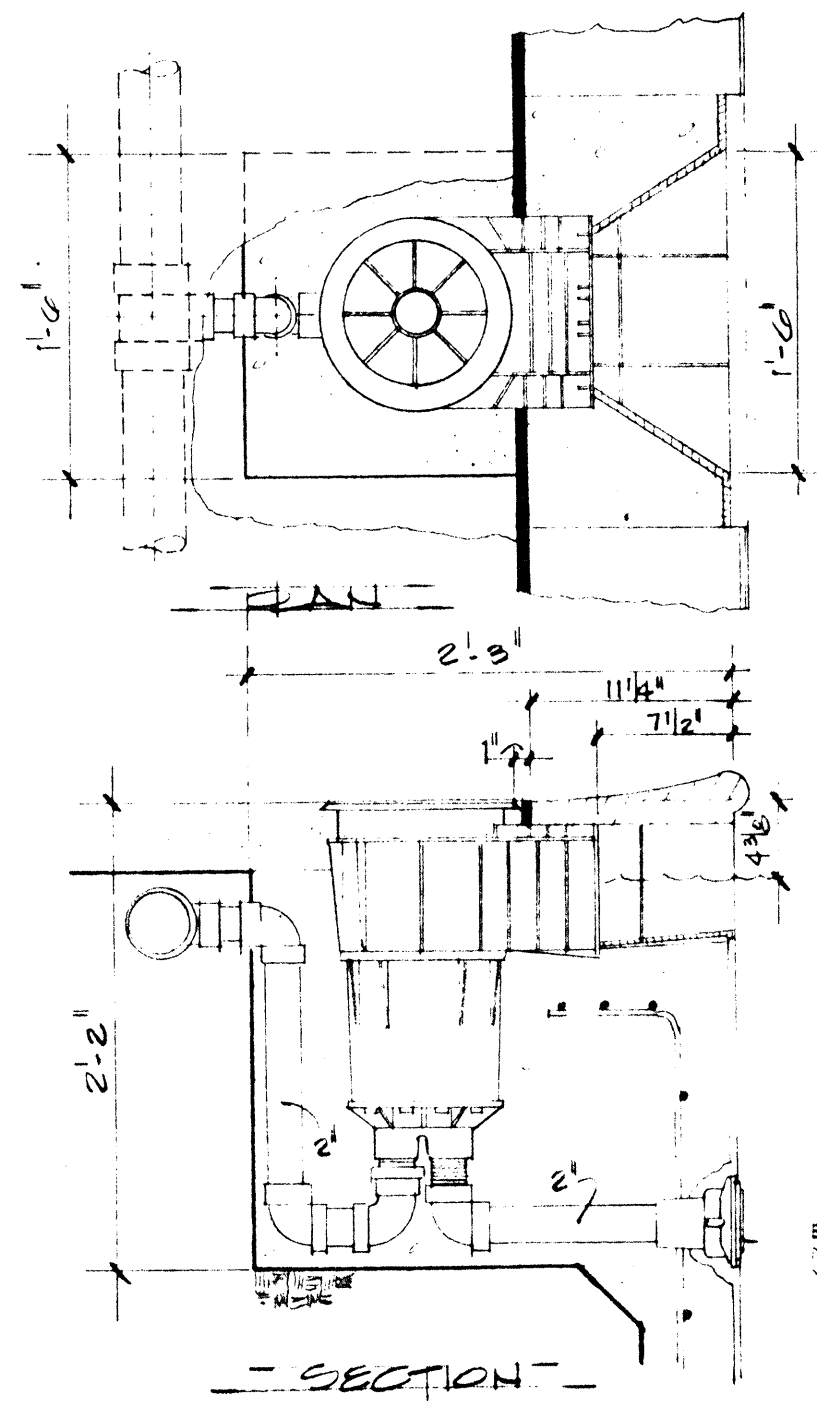
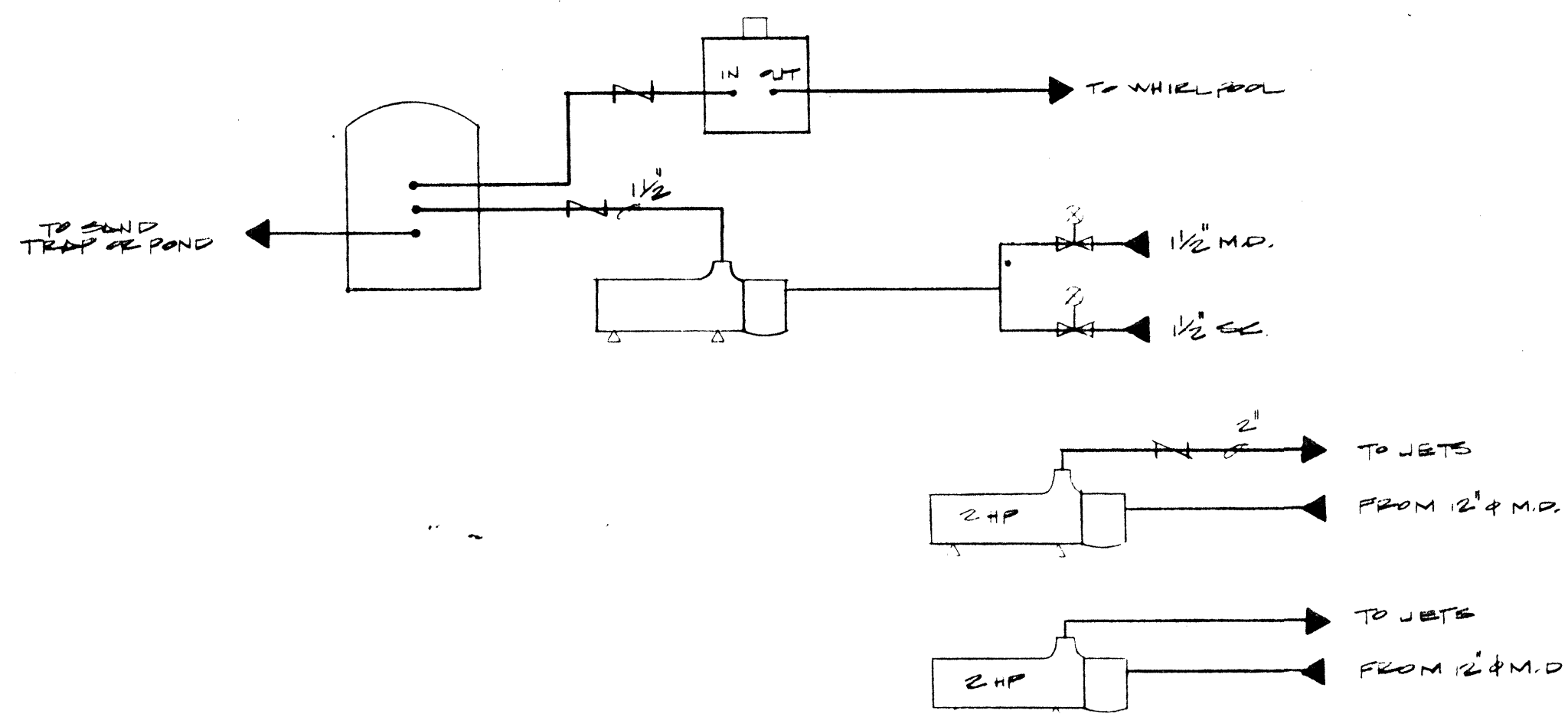
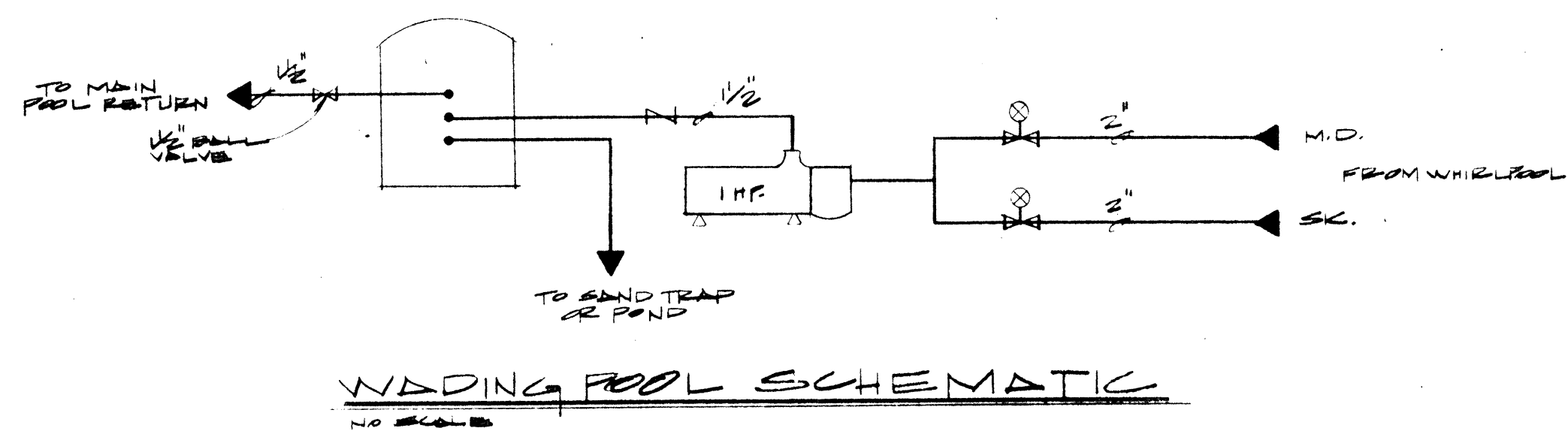


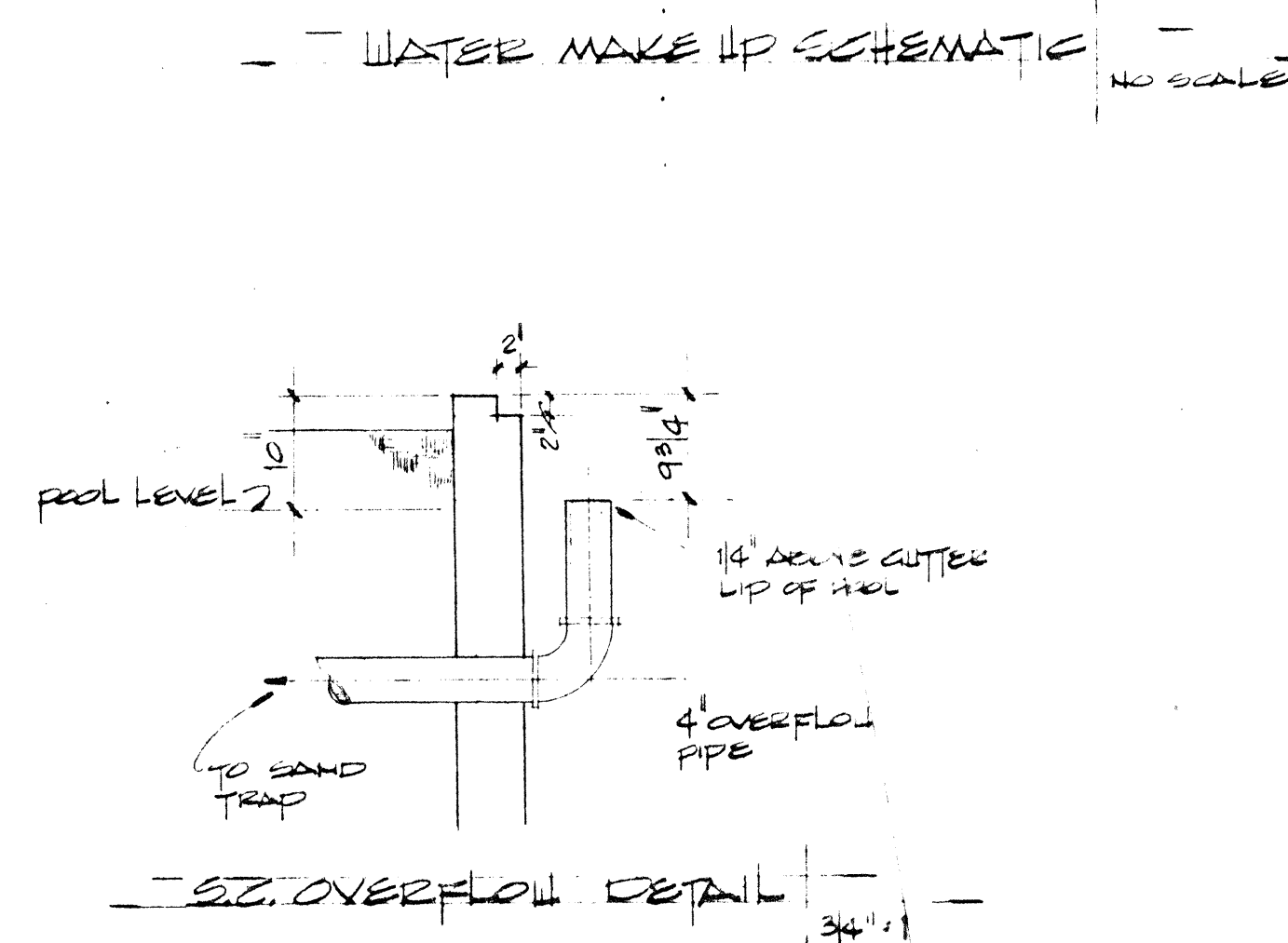
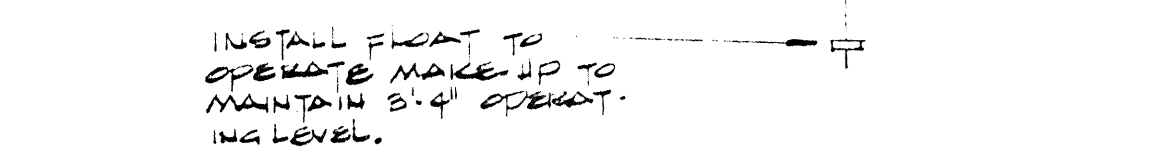
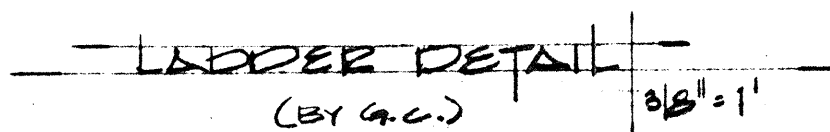
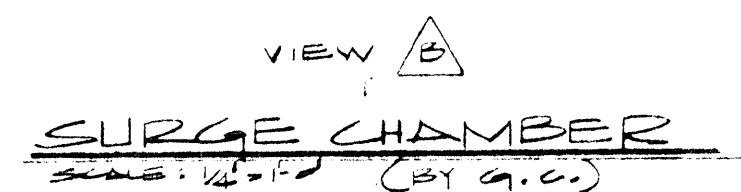
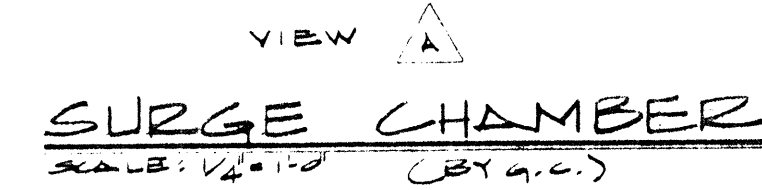
KEY
EXISTING ROAD
EXISTING DRAINAGE
NEW DRAINAGE
NEW ROAD

DR. DAN BELLAMAR CORP.
VISTA WEST SWIM AND TENNIS CLUB
ALBUQUERQUE, NEW MEXICO
BY TAYLOR GANCI

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