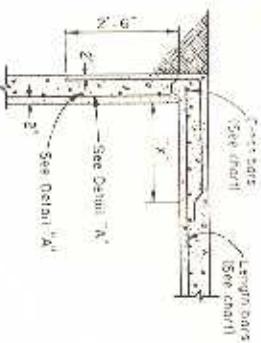
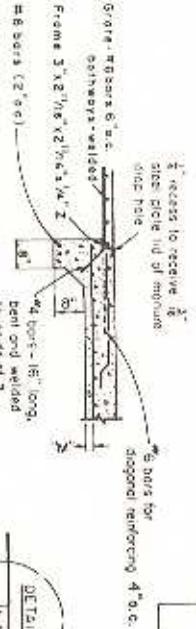


Tank Size	Length "L"	Dimensions	Load Type Increment				Volume of Concrete	Tons
			1" x "W"	Bit Size	Sec. No.	Sec. Size		
Width "W"	Length "L"	Depth "D"	"W"	"H"	"L"	"W"	Spacing	Base Size
12	12' 0"	9' 0"	5' 0"	5' 0"	12'	4' 0"	0.34 x L	0.34 x L
15	15' 0"	9' 0"	5' 0"	5' 0"	15'	4' 0"	0.34 x L	0.34 x L
18	18' 0"	9' 0"	5' 0"	5' 0"	18'	4' 0"	0.34 x L	0.34 x L
20	20' 0"	9' 0"	5' 0"	5' 0"	20'	4' 0"	0.34 x L	0.34 x L
24	24' 0"	9' 0"	5' 0"	5' 0"	24'	4' 0"	0.34 x L	0.34 x L

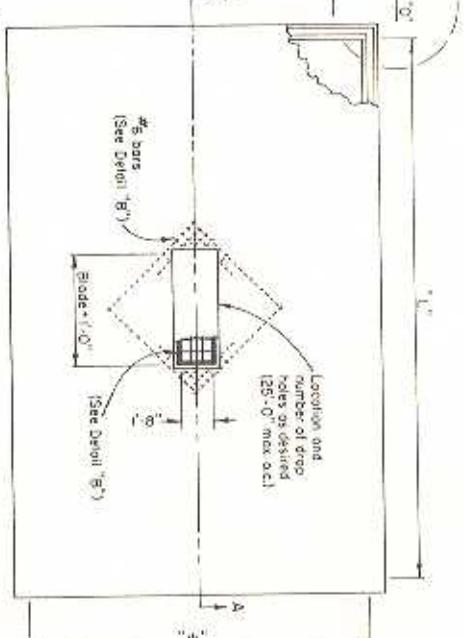
* Cone Stress = Days Strength x Head $\frac{1}{2} d^2$
(Based on 10 days strength)



DETAIL "C"

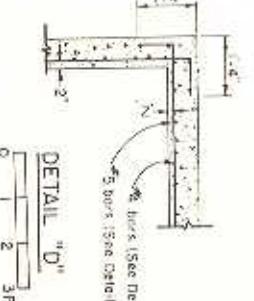


DETAIL "C"

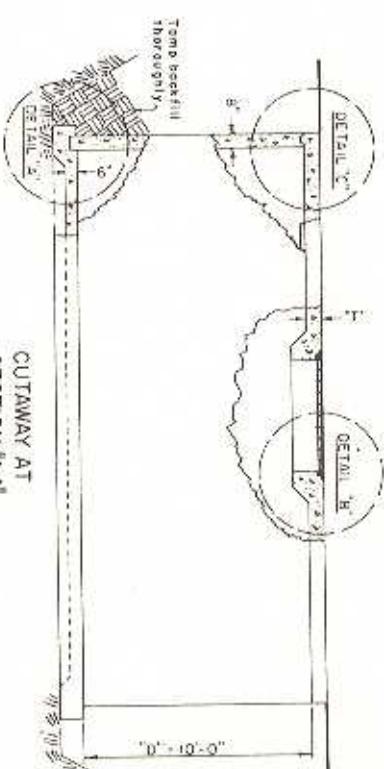


PLAN VIEW

- 1) Design live load
150 lb/ft², uniformly distributed
- 2) Concrete
3,000 PSI at 28 days ($t_c = 150$)
- 3) Steel
- 1/8" x 18,000 PSI



DETAIL "D"



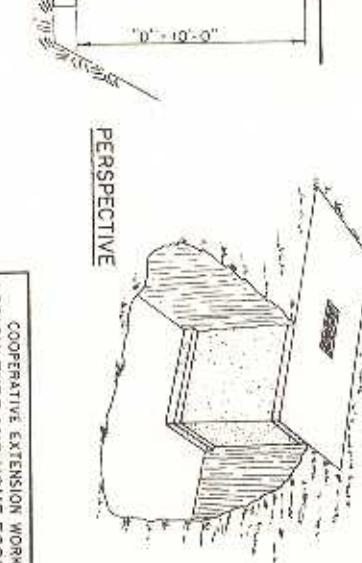
NOTES:

- 1) recess to receive 16" side plate if required
drill hole
- 2) bars for dropped reinforcing 4" o.c.
- 3) Grade - 6 in.
concrete - welded
- 4) bars (2" o.c.) — 6 bars (150 ft-lbs) 16" long,
bent and welded
5) inside of 2' form is to be placed inward
and welded to 2 front, center
form numbers removed from
interior of front

PERSPECTIVE

CUTAWAY AT SECTION "AA"

0 2 4 6 FT.



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University of Maryland Extension Cooperative Extension Program

L I Q U I D M A N U R E T A N K

MASS. NO. 65 EX. 5987 SHEET 1 OF 1

DETAIL "A"

0 1 2 3 FT.