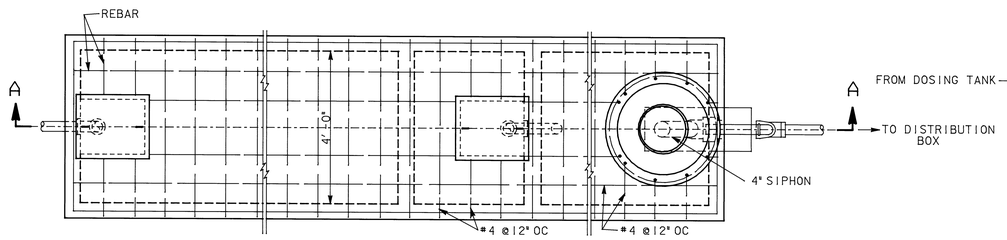
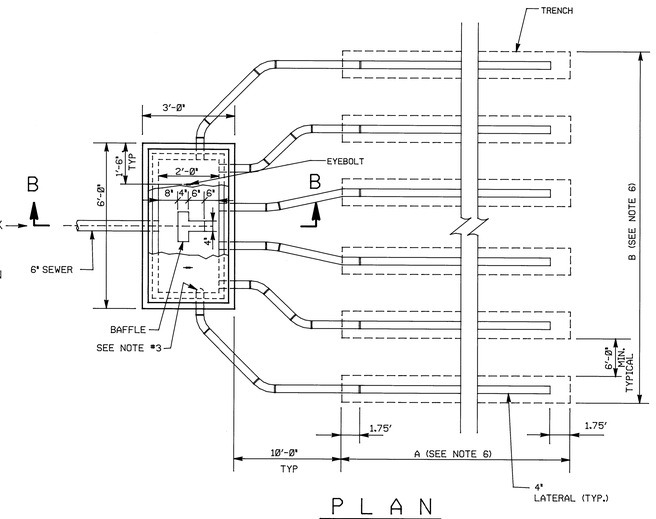


SEPTIC TANK DOSING TANK

PLAN

NOT TO SCALE

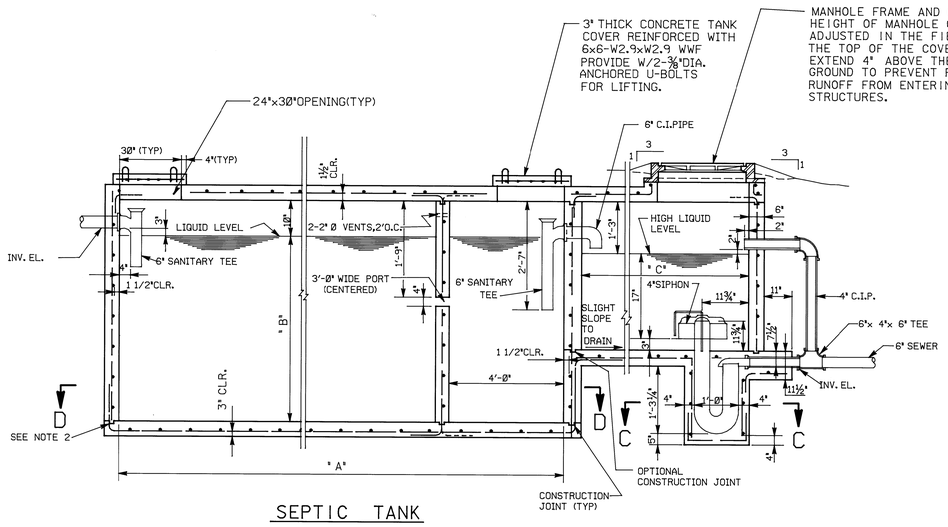


PLAN

NOT TO SCALE

NOTES:

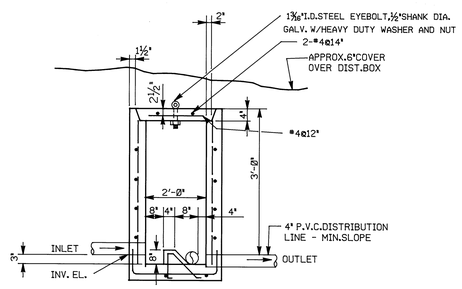
1. TRENCHES SHALL FOLLOW COUNTOURS AS INDICATED ON SHEET C- AND MAINTAIN REQUIRED SLOPE AND MINIMUM SEPARATION DISTANCE.
2. PROVIDE WATERSTOPS AT ALL EXTERIOR WALLS TO BOTTOM KEY-WAY JOINTS.
3. ⅛" STAINLESS STEEL BASKET SCREENS OVER EACH PIPE ENTRANCE (TYP. OF 6).
4. ALL REINFORCING IS #4@12"E.W. AND CENTERED IN SLAB OR WALLS UNLESS OTHERWISE NOTED.
5. ALL SLABS, WALLS AND MANHOLE SIDES ARE 6" THICK EXCEPT AS NOTED.
6. TILE FIELD LENGTH AND WIDTH SHALL BE DETERMINED BY SITE ADAPTION AGENCY. NO TRENCH SHALL EXCEED 100 LINEAR FEET. ABSORPTION TRENCHES SHALL BE 12 TO 24 INCHES WIDE IN SOILS WITH HIGH TO MODERATE PERMABILITY, AND 24-48 INCHES WIDE IN SOILS WITH LOW PERMABILITY, OR WHERE SPACE IS LIMITED.
7. THE MINIMUM SLOPE ON ABSORPTION TILE SHALL BE 0.3 PERCENT IF DOSING SIPHON IS USED AND 0.5 PERCENT WITHOUT DOSING SIPHON.



SEPTIC TANK DOSING TANK

SECTION A-A

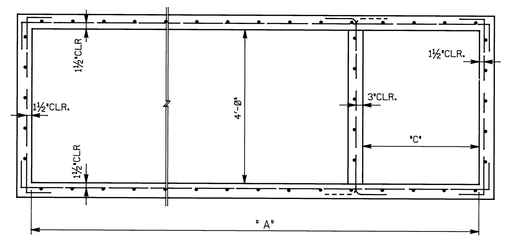
NOT TO SCALE



SECTION B-B

DISTRIBUTION BOX & ABSORPTION FIELD

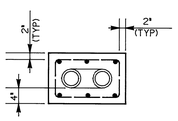
NOT TO SCALE



SECTION D-D

NOT TO SCALE

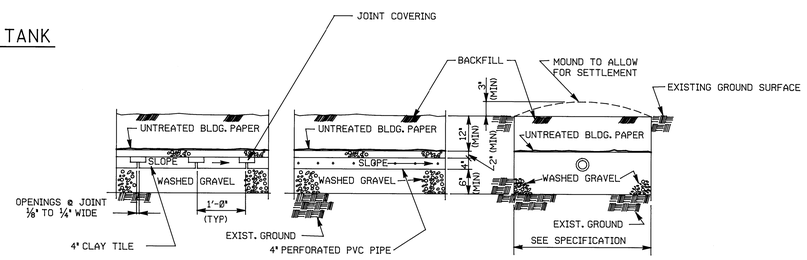
TANK CAPACITY (GALLONS)	A	B	C
1000	8'-0"	4'-3"	3'-6"
1500	10'-0"	5'-0"	3'-6"
2000	11'-0"	6'-0"	4'-0"



SECTION C-C

DOSING TANK

NOT TO SCALE



LONGITUDINAL SECTION CROSS SECTION

SEE SPECIFICATIONS FOR SLOPE

ABSORPTION FIELD DETAILS

Symbol	Description	Date	Approved
	Revisions		

Prepared by: Carl D. Cole
Title: Civil Engineer
Reviewed by: Wayne T. Simmons
Title: Ch. Envir. Prot. & Util. Section
Recommended by: L. Davis
Title: Ch. Civil-Structures Branch
Approved by: 29 Oct 85
Title: Act. Ch. Engr. Div. Date:
Approved for Functional Adequacy by: 12 Nov 85
Title: Date:

US ARMY ENGINEER DIVISION HUNTSVILLE
CORPS OF ENGINEERS
HUNTSVILLE, ALABAMA

Site adapt A/E :

US Army Corps of Engineers

DETAILS AND SECTIONS
1000 TO 2000 GALLON CAPACITIES
STANDARD SEPTIC TANK
CIVIL

Dwn. by : RB
Ckd. by : CDC
Reviewed by : J. T. AMMONS
Date : 29 OCT 85
Sheet reference number : C-
Design file no.: STD. 26-20-01
Rev. 0
Approved by :
Drawing code :
Sheet 1 of 1