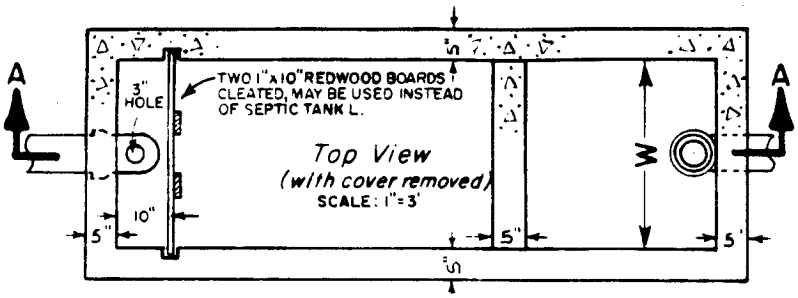
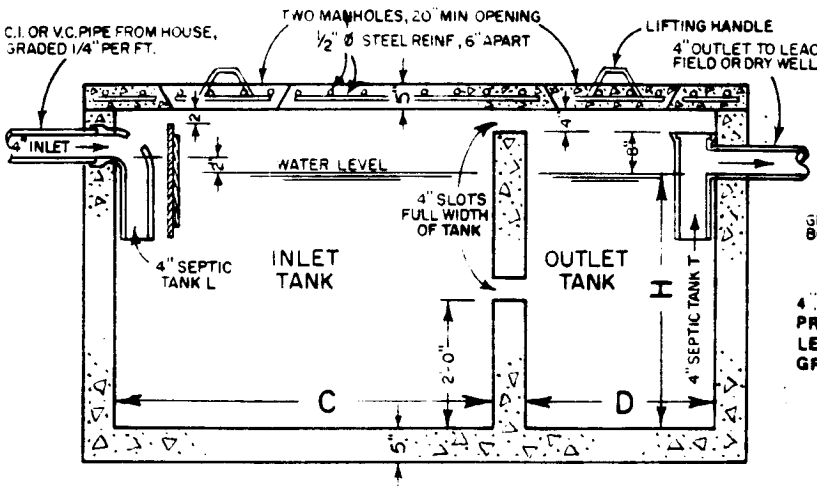
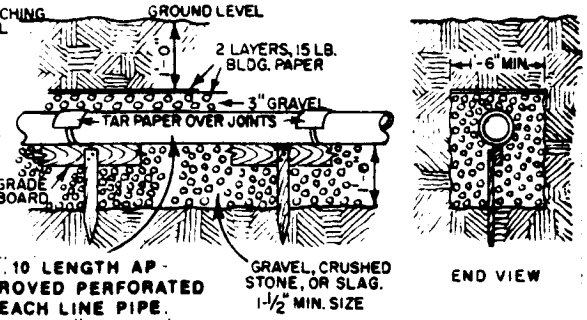


NOTES:
1 - ALL DIMENSIONS SHOWN ARE MINIMUM UNLESS OTHERWISE INDICATED.
2 - CONCRETE SHALL BE 560 D 2500
3 - BACKFILL FOR SEPTIC TANK AND DRY WELL TO BE DRY TAMPED. EXCAVATION VOIDS FOR SEEPAGE PIT TO BE BACKFILLED WITH 6 INCHES OF ¾" GRAVEL OR ROCK.
4 - SEPTIC TANK OPTIONAL CONSTRUCTION: CONCRETE BLOCK WALLS ONLY, ½" PLASTER ALL INTERIOR WALLS.
5 - THESE STRUCTURES SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE "UNIFORM PLUMBING CODE."

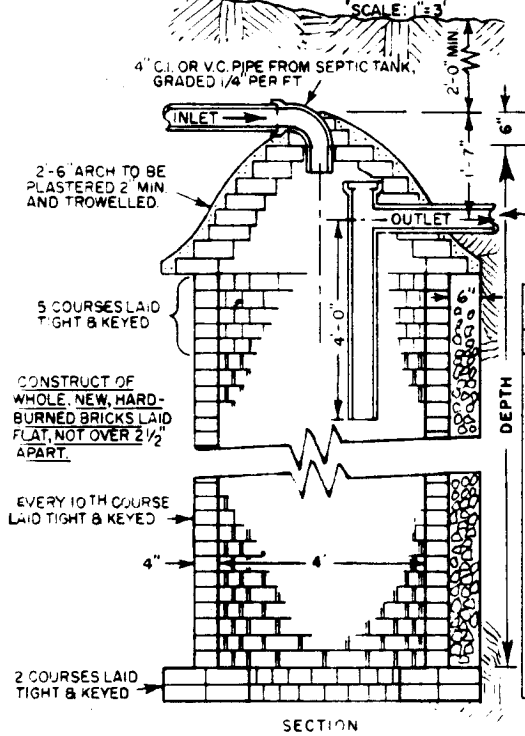


SECTION A-A
Septic Tank
SCALE: 1"=3'



4" 10' LENGTH APPROVED PERFORATED LEACH LINE PIPE. GRADE 6" PER 100' MAX.
SECTION
Leach Line
LEACHING FIELD TO BE A MINIMUM OF 150 SQ. FT. WITH THE APPROVAL OF THE PLUMBING INSPECTOR.
(NO SCALE)

SEPTIC TANK							
Minimum Dimensions					Gallons Capacity		
NO OF PEOPLE	LENGTH "C"	LENGTH "D"	WIDTH "W"	DEPTH "H"	INLET TANK	OUTLET TANK	TOTAL CAPACITY
7 OR LESS	6'-0"	3'-0"	3'-0"	4'-0"	540	270	810
9	7'-0"	3'-8"	3'-0"	4'-0"	630	330	960
12	8'-0"	4'-0"	3'-6"	4'-0"	840	420	1260
15	9'-0"	4'-6"	4'-0"	4'-0"	1080	540	1620
50	16'-0"	8'-0"	5'-0"	5'-0"	3000	1500	4500
100	20'-0"	10'-0"	6'-0"	6'-0"	5400	2700	8100



SECTION
Dry Well (Seepage Pit)
MAY BE USED IN PLACE OF LEACHING FIELD ONLY BY SPECIAL PERMIT. MUST HAVE DOUBLE THE CAPACITY OF THE SEPTIC TANK.
SCALE: 1"=3'

DRY WELL DEPTH	DIAMETER 4' MIN CAPACITY	DIAMETER 5' TYP CAPACITY GALS
15' MIN.	1410	2203
18'	1692	2644
20'	1880	2938
22'	2068	3231
24'	2256	3525
26'	2444	3819
28'	2632	4113
30'	2820	4406
32'	3008	4700
34'	3196	4994
36'	3384	5288
38'	3572	5581
40' MAX.	3760	5875

DEPTH BELOW INLET — SEEPAGE AREA CAPACITY

Required Clearances	SEPTIC TANK	LEACHING FIELD	DRY WELL
BLDGS. & STRUCTURES	5'	8'	8'
PROPERTY LINE ADJOINING PRIVATE PROPERTY	5'	5'	8' (OR 10' OTHER BLDG.)
WATER SUPPLY WELLS	50'	100'	150'
STREAMS	50'	100'	100'
LARGE TREES	10'	10'	10'
SEEPAGE PITS OR DRY WELLS	5'	5'	12'
LEACHING FIELDS	5'	4'	5'
DOMESTIC WATER LINES	5'	5'	5'

NOTE: GROUND WATER MUST BE A MINIMUM OF 10' BELOW THE BOTTOM OF A DRY WELL.

APPROVED Robert C. Wales DATE 7/14/78
PUBLIC WORKS DIRECTOR - R.C.E. 18193

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE
PUBLIC WORKS DEPT. - ENGINEERING DIV.

PRIVATE (constructed in place) SEWAGE DISPOSAL STRUCTURES

STANDARD DRAWING NO. **740**