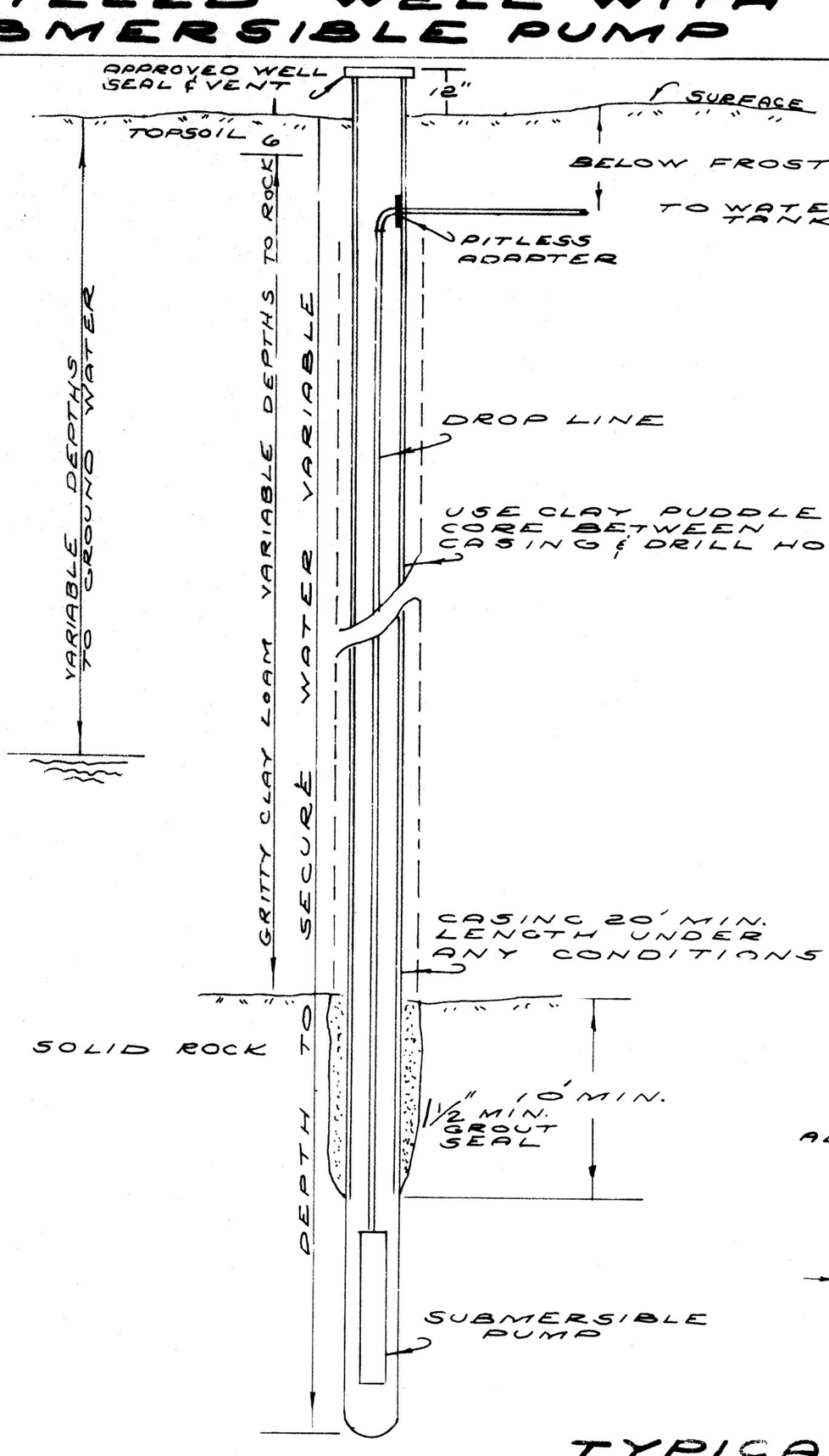
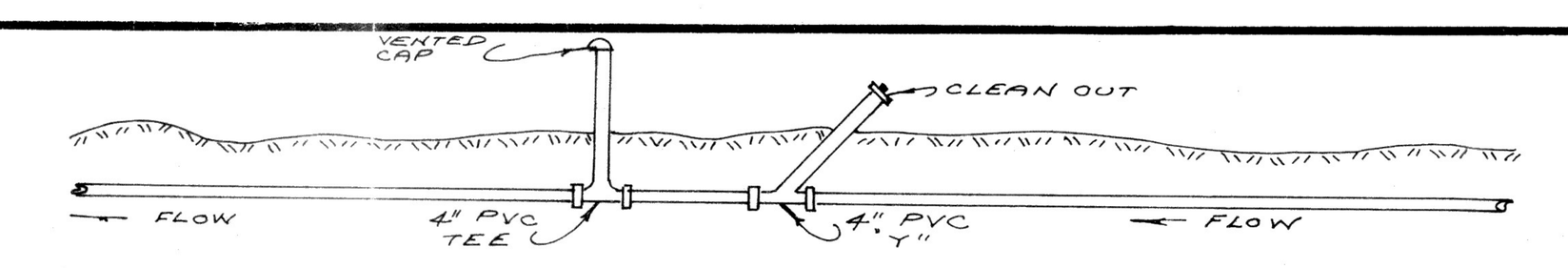
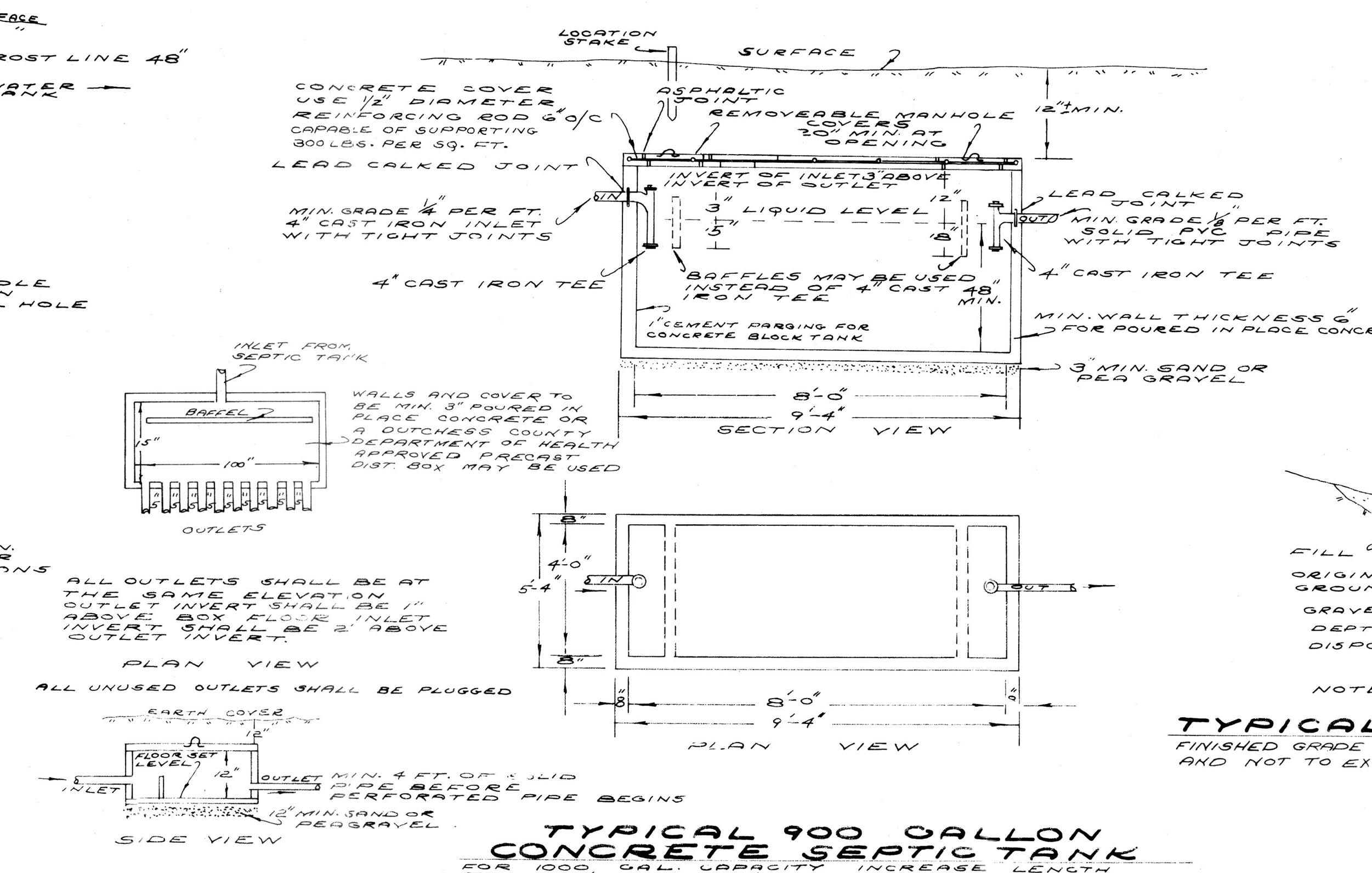
TYPICAL SECTION OF DRILLED WELL WITH SUBMERSIBLE PUMP





EFFLUENT LINE VENT & CLEAN OUT

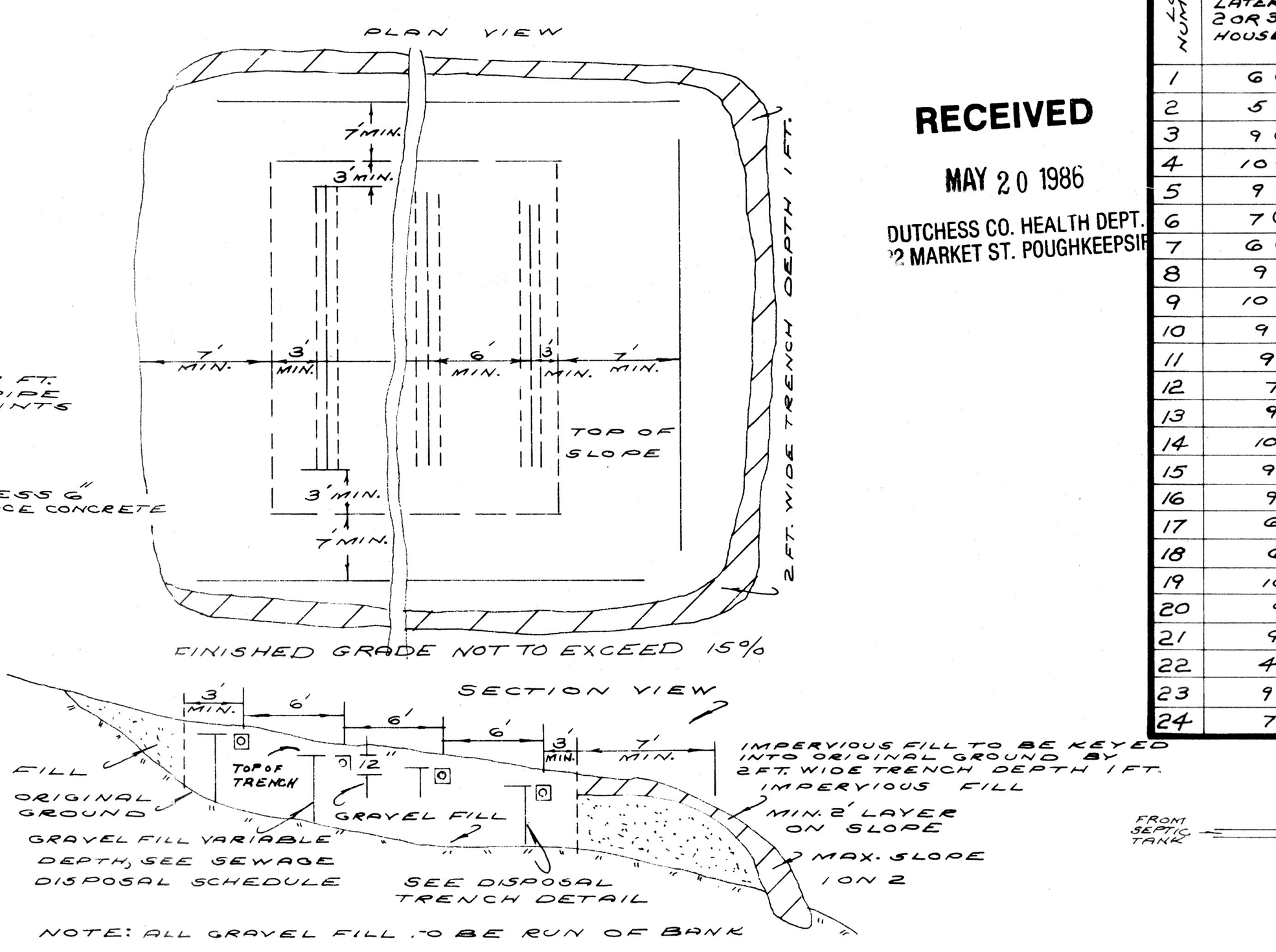


TYPICAL 900 GALLON CONCRETE SEPTIC TANK

FOR 1000 GAL. CAPACITY INCREASE LENGTH FROM 8'-0" TO 8'-6".

TYPICAL DISTRIBUTION BOX DETAILS

A COMMERCIAL DISTRIBUTION BOX APPROVED BY THE DUTCHESS COUNTY DEPT. OF HEALTH MAY BE USED IN LIEU OF ABOVE.



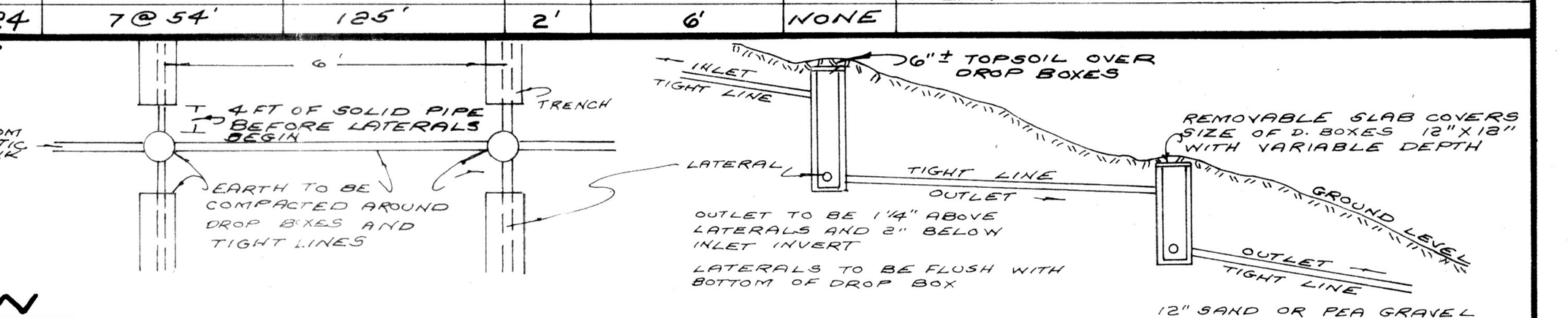
TYPICAL SLOPING FILL INSTALLATION

FINISHED GRADE OF SEPTIC SYSTEM NOT TO EXCEED 10% WHEN DISTRIBUTION BOXES ARE USED AND NOT TO EXCEED 15% WHEN DROP BOXES ARE USED.

SEWAGE DISPOSAL SCHEDULE

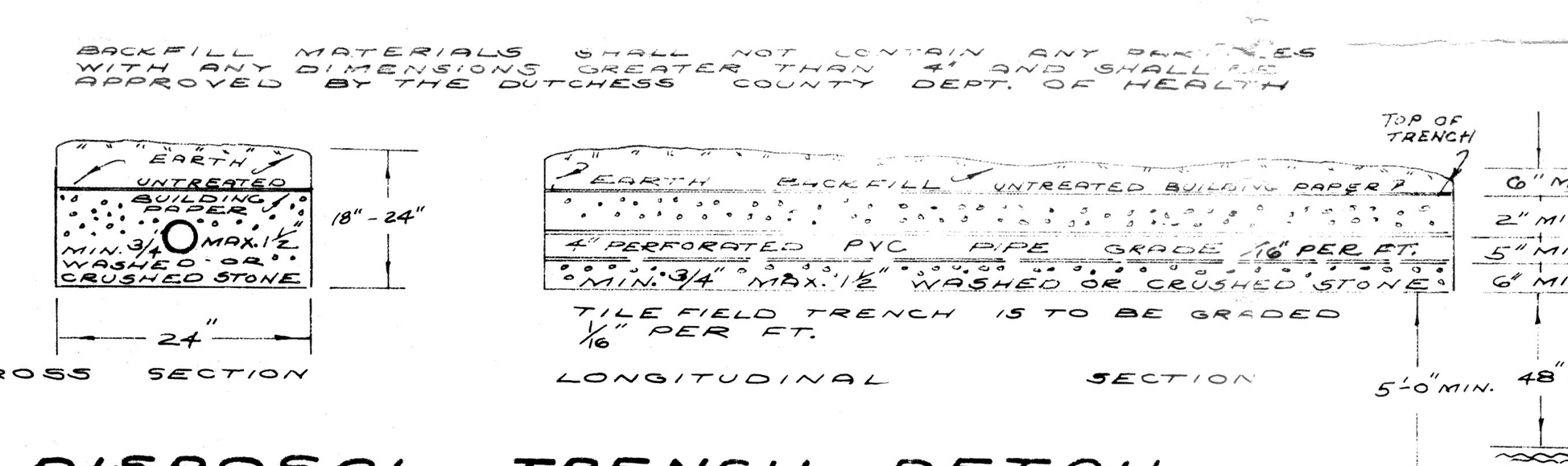
LOT NUMBER	NUMBER AND LENGTH OF LATERALS FOR 2 OR 3 BEDROOM HOUSE	ADDITIONAL TILE REQUIRED FOR EACH BEDROOM OVER 3	TRENCH WIDTH	MIN. DISTANCE BETWEEN CENTER OF TILE TRENCHES	DEPTH OF FILL REQUIRED	REMARKS FOR A FOUR BEDROOM HOUSE SEE NOTE No. 26
1	6 @ 54'	108'	2'	6'	1'	USE SLOPING FILL INSTALLATION
2	5 @ 50'	83'	2'	6'	NONE	
3	9 @ 50'	150'	2'	6'	1/2'	USE SLOPING FILL INSTALLATION
4	10 @ 50'	167'	2'	6'	5'	USE SLOPING FILL INSTALLATION AND INSTALL EFFLUENT LINE VENT AND CLEAN OUT USE 18" TRENCH DEPTH.
5	9 @ 50'	150'	2'	6'	2'	USE SLOPING FILL INSTALLATION
6	7 @ 54'	125'	2'	6'	NONE	MIN. RAW LINE INVERT = 821 MIN.
7	6 @ 47'	94'	2'	6'	NONE	INSTALL EFFLUENT LINE VENT AND CLEAN OUT
8	9 @ 50'	150'	2'	6'	NONE	INSTALL EFFLUENT LINE VENT AND CLEAN OUT
9	10 @ 50'	167'	2'	6'	1'	USE SLOPING FILL INSTALLATION AND INSTALL EFFLUENT LINE VENT AND CLEAN OUT
10	9 @ 50'	150'	2'	6'	2 1/2'	USE SLOPING FILL INSTALLATION
11	9 @ 50'	150'	2'	6'	2'	USE SLOPING FILL INSTALLATION
12	7 @ 54'	125'	2'	6'	NONE	INSTALL EFFLUENT LINE VENT AND CLEAN OUT
13	9 @ 50'	150'	2'	6'	NONE	
14	10 @ 50'	167'	2'	6'	5'	USE SLOPING FILL INSTALLATION USE 18" TRENCH DEPTH.
15	9 @ 50'	150'	2'	6'	NONE	
16	9 @ 50'	150'	2'	6'	NONE	INSTALL EFFLUENT LINE VENT AND CLEAN OUT
17	6 @ 47'	94'	2'	6'	1 1/2'	INSTALL EFFLUENT LINE VENT AND CLEAN OUT & USE SLOPING FILL INSTALLATION
18	6 @ 47'	94'	2'	6'	1'	INSTALL EFFLUENT LINE VENT AND CLEAN OUT & USE SLOPING FILL INSTALLATION
19	10 @ 50'	167'	2'	6'	3'	USE SLOPING FILL INSTALLATION
20	9 @ 50'	150'	2'	6'	NONE	INSTALL EFFLUENT LINE VENT AND CLEAN OUT & USE SUBSURFACE DISPOSAL SYSTEM
21	9 @ 50'	150'	2'	6'	3'	USE SLOPING FILL INSTALLATION & USE SUBSURFACE DISPOSAL SYSTEM
22	4 @ 57'	75'	2'	6'	1'	
23	9 @ 50'	150'	2'	6'	NONE	INSTALL EFFLUENT LINE VENT AND CLEAN OUT
24	7 @ 54'	125'	2'	6'	NONE	

RECEIVED
MAY 20 1986
DUTCHESS CO. HEALTH DEPT.
22 MARKET ST. POUGHKEEPSIE

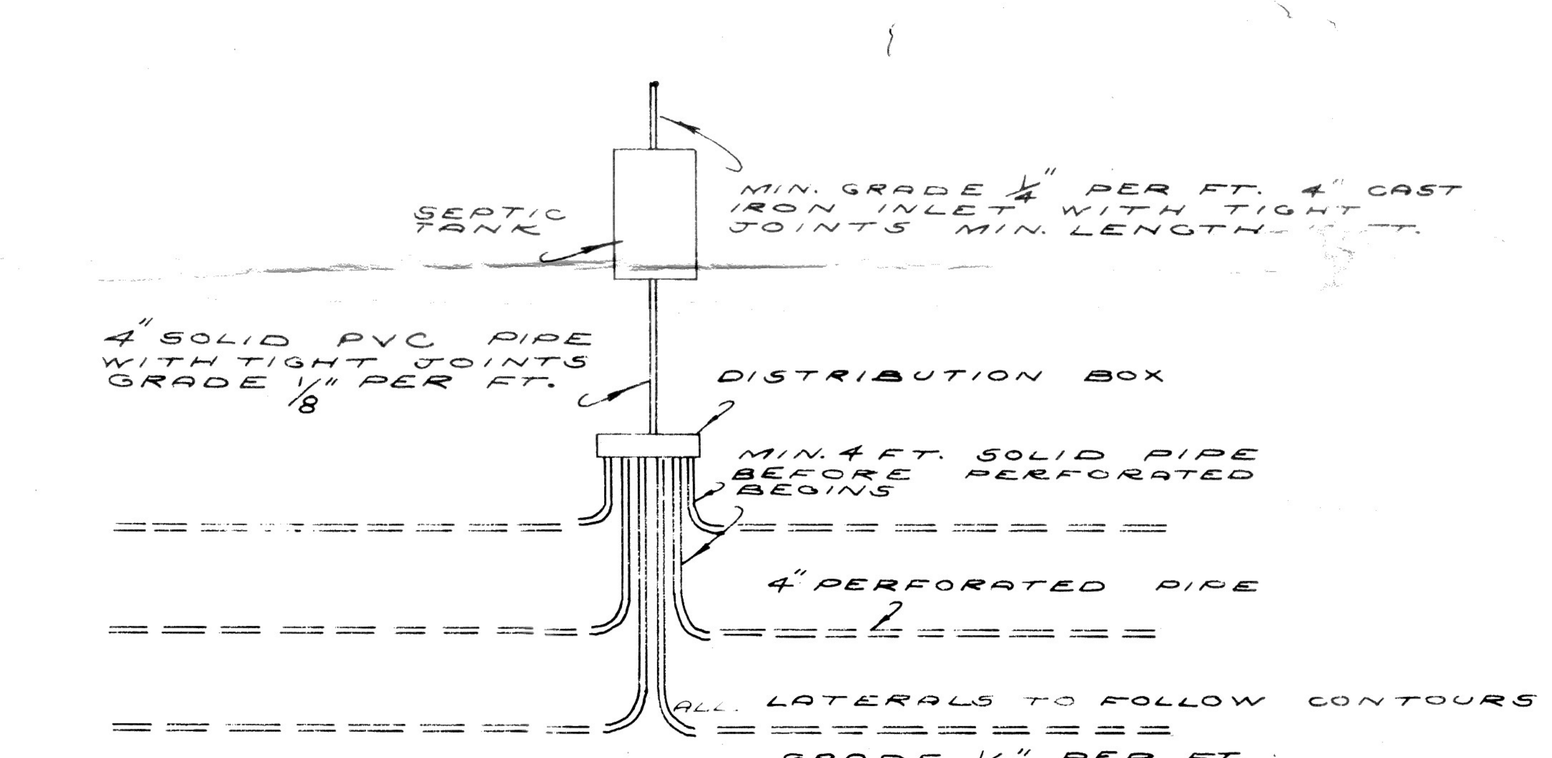


TYPICAL LAYOUT OF SUBSURFACE DISPOSAL SYSTEM ON SLOPING GROUND WITH DROP BOXES

BACKFILL MATERIALS SHALL NOT CONTAIN ANY PARTICLES WITH ANY DIMENSIONS GREATER THAN 4" AND SHALL BE APPROVED BY THE DUTCHESS COUNTY DEPT. OF HEALTH



DISPOSAL TRENCH DETAIL



TYPICAL TILE FIELD FOR LEVEL GROUND

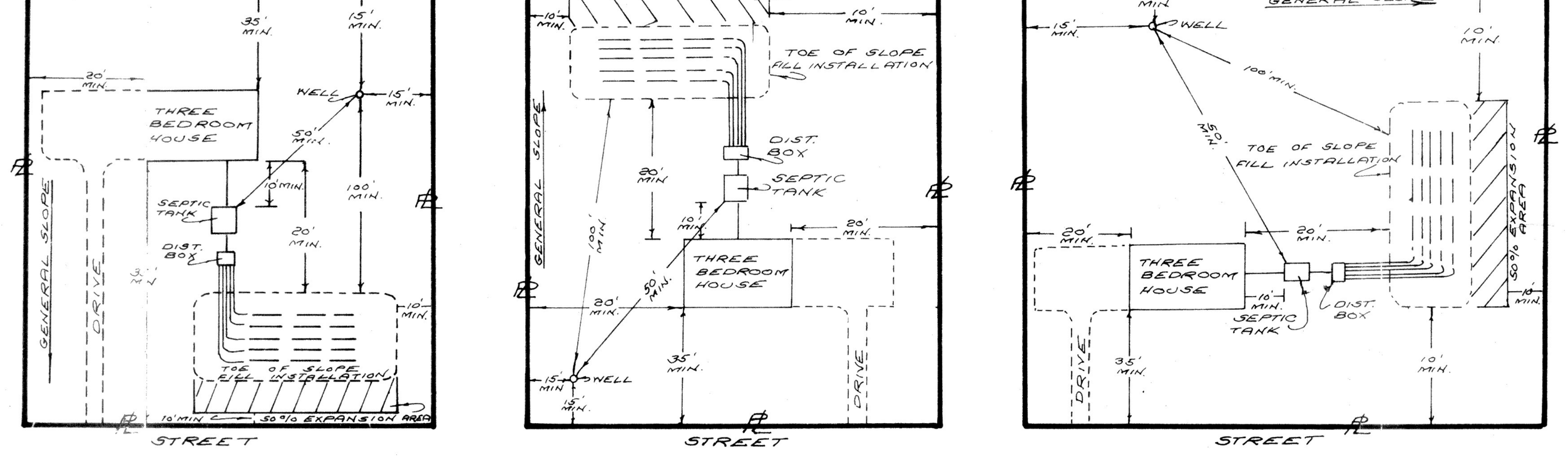
NOTE: THE DUTCHESS COUNTY DEPARTMENT OF HEALTH APPROVAL IS VALID FOR A PERIOD OF FIVE YEARS FROM THE DATE STAMPED ON THIS PLAN.

NOTE: ABOVE DRAWINGS NOT TO SCALE

NOTE: THE UNDERSIGNED OWNER OR AUTHORIZED REPRESENTATIVE OF THE PROPERTY SHOWN HEREON STATES THAT HE HAS REVIEWED THIS MAP, THAT HE IS FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS NOTES AND HEREBY CONSENTS TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON AND TO THE FILING OF THIS MAP WITH THE DUTCHESS COUNTY CLERK.

Richard K. Rauchenberg 11/19/85
DATE SIGNED

NOTE: NO DRIVEWAY PERMIT TO BE ISSUED BY THE COUNTY OF DUTCHESS FOR LOTS 16, 17, 18, AND 19. ACCESS TO COUNTY ROAD 24 SHALL BE BY ACCESS POINT ON LOT 15 AND BY THE COMMON DRIVEWAY AS SHOWN HEREON.

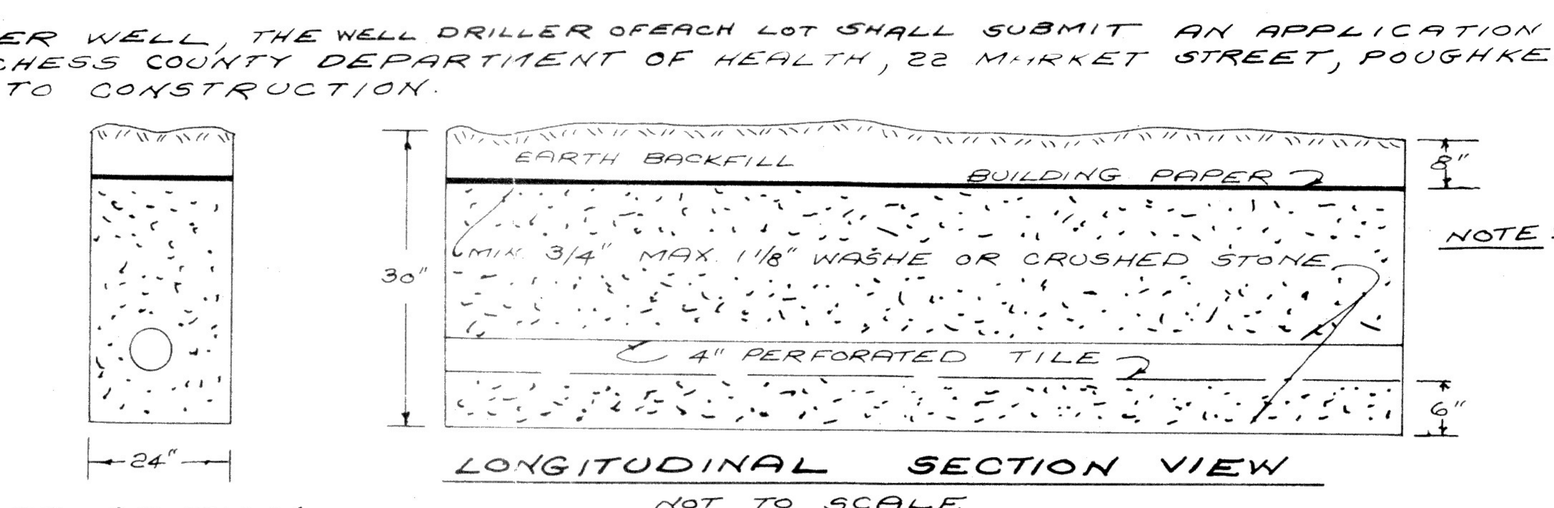


TYPICAL LOT LAYOUTS

NOT TO SCALE

NOTES

1. ALL LOTS SHALL BE MADE SAME AREA AS SHOWN.
2. ONE PRINCIPAL DWELLING UNIT PER LOT.
3. A DUTCHESS COUNTY DEPT. OF HEALTH APPROVED PRECAST CONCRETE TANK OR A STEEL TANK WHICH MEETS UNDERWRITER'S LABORATORY STANDARD UL-70 OF ADEQUATE SIZE MAY BE USED.
4. A 900 GAL. SEPTIC TANK SHALL BE USED FOR A 2 OR 3 BEDROOM HOUSE, 1000 GAL. FOR 4 BEDROOMS, 1250 TO 1500 GALS. FOR 5 TO 6 BEDROOMS.
5. INCREASE CAPACITY OF SEPTIC TANK 50% IF GARBAGE DISPOSAL UNIT IS TO BE INSTALLED
6. ALL LATERALS ARE TO BE OF EQUAL LENGTH (60 FT. MAX.)
7. INCREASE TILE FIELD 20% IF GARBAGE DISPOSAL UNIT IS TO BE INSTALLED.
8. NO LATERAL SHALL BE PLACED BENEATH A DRIVEWAY.
9. ALL LAUNDRY AND KITCHEN WASTES SHALL BE DISCHARGED INTO SEWAGE DISPOSAL SYSTEM.
10. NO FOOTING, CELLAR OR ROOF DRAINS SHALL BE DISCHARGED INTO SEWAGE DISPOSAL SYSTEM.
11. NO SEWAGE DISPOSAL SYSTEM SHALL BE PLACED WITHIN 100 FT. OF TOP OF BANK OF ANY WATER COURSE OR DRAINAGE DITCH OR 35 FT. FROM CENTER OF STORM DRAIN PIPE.
12. THERE SHALL BE NO TREES WITHIN ANY TILE FIELD.
13. ALL TREES SHALL BE REMOVED WITHIN 10 FT. OF SEWAGE DISPOSAL SYSTEM PRIOR TO START OF CONSTRUCTION.
14. WHERE WELL IS AT A HIGHER ELEVATION THAN SEWAGE DISPOSAL MIN. SEPARATION SHALL BE 100 FT., WHERE WELL IS AT LOWER ELEVATION THAN SEWAGE DISPOSAL MIN. SEPARATION SHALL BE 200 FT.
15. THE DUTCHESS COUNTY DEPT. OF HEALTH SHALL BE NOTIFIED PRIOR TO THE BACKFILLING OF ANY COMPLETED SYSTEM SO THAT A FINAL INSPECTION BY A HEALTH DEPT. REPRESENTATIVE CAN BE MADE.
16. THERE SHALL BE NO REDEVELOPMENT OF ANY LOTS SHOWN ON THIS PLAT WITHOUT THE APPROVAL OF DUTCHESS COUNTY DEPT. OF HEALTH AND OF THE PLANNING BOARD OF THE TOWN OF
17. THE SEWAGE DISPOSAL SYSTEMS & WELLS ARE TO BE INSTALLED AT EXACT LOCATIONS AS SHOWN ON THIS PLAN.
18. THE AREA FOR THE SEWAGE DISPOSAL SYSTEM MUST BE JOINTLY INSPECTED BY THE CONTRACTOR OR OWNER AND A REPRESENTATIVE OF THE DUTCHESS COUNTY DEPT. OF HEALTH PRIOR TO START OF ANY CONSTRUCTION.
19. CONSTRUCTION OF APPLICABLE WATER AND SEWAGE FACILITIES IN THE SUBDIVISION SHALL CONFORM TO PART 74 OF THE OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK.
20. THE CONDITIONS NOTED ON THE DUTCHESS COUNTY DEPT. OF HEALTH CERTIFICATE OF APPROVAL ARE AN INTEGRAL PART OF THIS SUBDIVISION APPROVAL AND COMPLIANCE IS WARRANTED.
21. A REPRESENTATIVE OF DUTCHESS COUNTY DEPT. OF HEALTH SHALL INSPECT FILL INSTALLATION PRIOR TO THE CONSTRUCTION OF THE TILE FIELD.
22. RUN OF BANK GRAVEL & IMPERVIOUS MATERIAL TO BE INSPECTED & APPROVED BY THE D.C. DEPT. OF HEALTH PRIOR TO INSTALLATION.
23. INDIVIDUAL LOT OWNERS ARE TO BE SOLELY RESPONSIBLE FOR THE CONSTRUCTION OF THE FILL INSTALLATION AS REQUIRED BY THE DETAILS SHOWN ON THIS PLAN.
24. THE FILL INSTALLATION SHALL BE MECHANICALLY COMPACTED IN LAYERS OR ALLOWED TO SETTLE FOR AT LEAST 6 MONTHS.
25. BOULDERS ON SURFACE OF THE GROUND TO BE CLEARED AWAY BEFORE CONSTRUCTION OF SEWAGE DISPOSAL SYSTEM.
26. IF THE TILE FIELD CONSTRUCTED EXCEEDS FIVE HUNDRED LINEAL FT. OF TRENCH FOR ANY REASONS, SINGLE DOSING UNITS OR ALTERNATE DESIGN IS REQUIRED, THEREFORE NEW PLANS DESIGNED BY A N.Y.S. PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT OF THE DOSING UNIT OR ALTERNATE DESIGN MUST BE SUBMITTED TO AND APPROVED BY THE DUTCHESS COUNTY DEPT. OF HEALTH.
27. SEWER LINES PASSING WITHIN 50 FT. OF ANY WELL SHALL BE OF CAST IRON WITH LEAD JOINTS.
28. ANY DEVIATIONS FROM THE REQUIREMENTS OF THIS PLAN MUST BE APPROVED BY THE DUTCHESS COUNTY DEPT. OF HEALTH PRIOR TO ANY CONSTRUCTION OR INSTALLATION. ALL DEVIATIONS MUST BE JUSTIFIED.
29. THERE SHALL BE NO BENDS IN RAW OR SEPTIC EFFLUENT LINES.
30. NO REGRADING IN SEWAGE DISPOSAL AREA EXCEPT AS SHOWN HEREON.
31. THE APPROVED PLANS AND ANY AMENDMENTS THEREOF, SHALL BE FILED WITHIN ONE YEAR AFTER THE APPROVAL THEREOF, IN THE OFFICE OF THE CLERK OF THE COUNTY OF DUTCHESS AND THAT A COPY OF EACH APPROVED PLAN AND APPROVED AMENDMENT THEREOF, CERTIFIED BY THE CLERK OF THE COUNTY OF DUTCHESS AS HAVING BEEN FILED, INDICATING THE DATE OF SUCH FILING, SHALL BE FILED BY THE OWNER OF THE PROPERTY, IN THE OFFICE OF THE DUTCHESS COUNTY DEPARTMENT OF HEALTH WITHIN 30 DAYS OF THE FILING IN THE OFFICE OF THE CLERK OF THE COUNTY OF DUTCHESS.
32. EACH PURCHASER OF A LOT SHALL BE FURNISHED WITH A LEGIBLE REPRODUCTION OF THE APPROVED PLAN SHOWING THE PROPOSED ARRANGEMENTS FOR WATER SUPPLY AND SEWAGE DISPOSAL AND THAT EACH PURCHASER SHALL BE NOTIFIED OF THE NECESSITY OF INSTALLING SUCH FACILITIES IN ACCORDANCE WITH THE PLANS APPROVED BY THE DUTCHESS COUNTY DEPARTMENT OF HEALTH ON ____________.
33. PRIVATE WELLS AND PRIVATE SEWAGE DISPOSAL SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED AFTER PUBLIC FACILITIES BECOME AVAILABLE.
34. INSPECTION AND APPROVAL OF THE AREA FOR THE SEWAGE DISPOSAL SYSTEM WILL BE REQUIRED OF ALL LOTS, AS SHOWN ON THE APPROVED PLANS, PRIOR TO THE START OF CONSTRUCTION OR THE ISSUANCE OF A BUILDING PERMIT.
35. PRIOR TO CONSTRUCTION OF A WATER WELL, THE WELL DRILLER OF EACH LOT SHALL SUBMIT AN APPLICATION FOR A PERMIT TO CONSTRUCT THE WELL TO THE DUTCHESS COUNTY DEPARTMENT OF HEALTH, 22 MARKET STREET, POUGHKEEPSIE, NEW YORK A MINIMUM OF 15 DAYS PRIOR TO CONSTRUCTION.

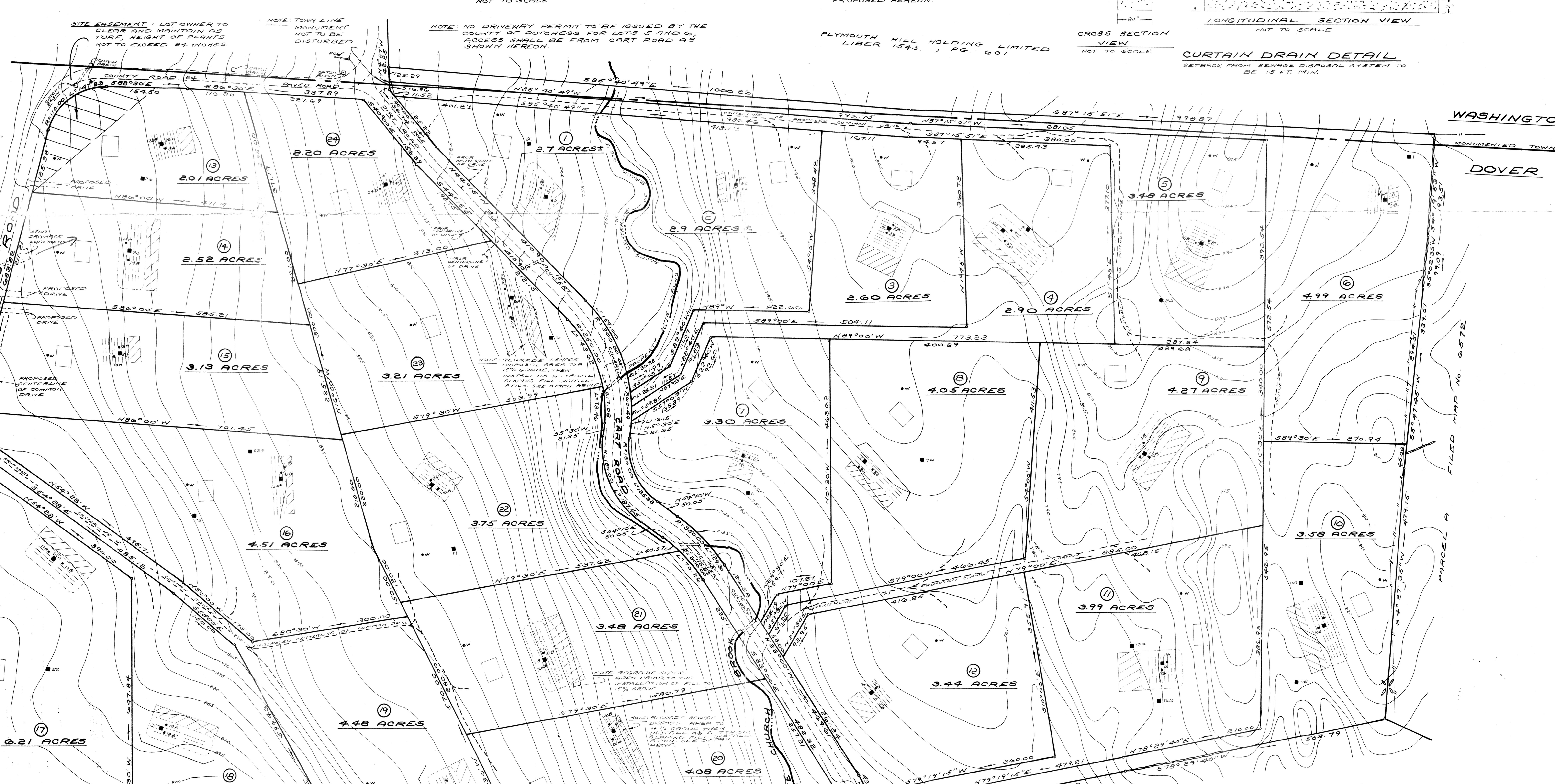


NOTE: INVERT OF CURTAIN DRAIN SHALL NOT BE LOWER THAN THE DISPOSAL TRENCH INVERT

CURTAIN DRAIN DETAIL

SETBACK FROM SEWAGE DISPOSAL SYSTEM TO BE 15 FT. MIN.

NOTE: THERE ARE NO EXISTING WELLS OR SEWAGE DISPOSAL SYSTEMS WITHIN 200 FT. OF THOSE PROPOSED HEREON.

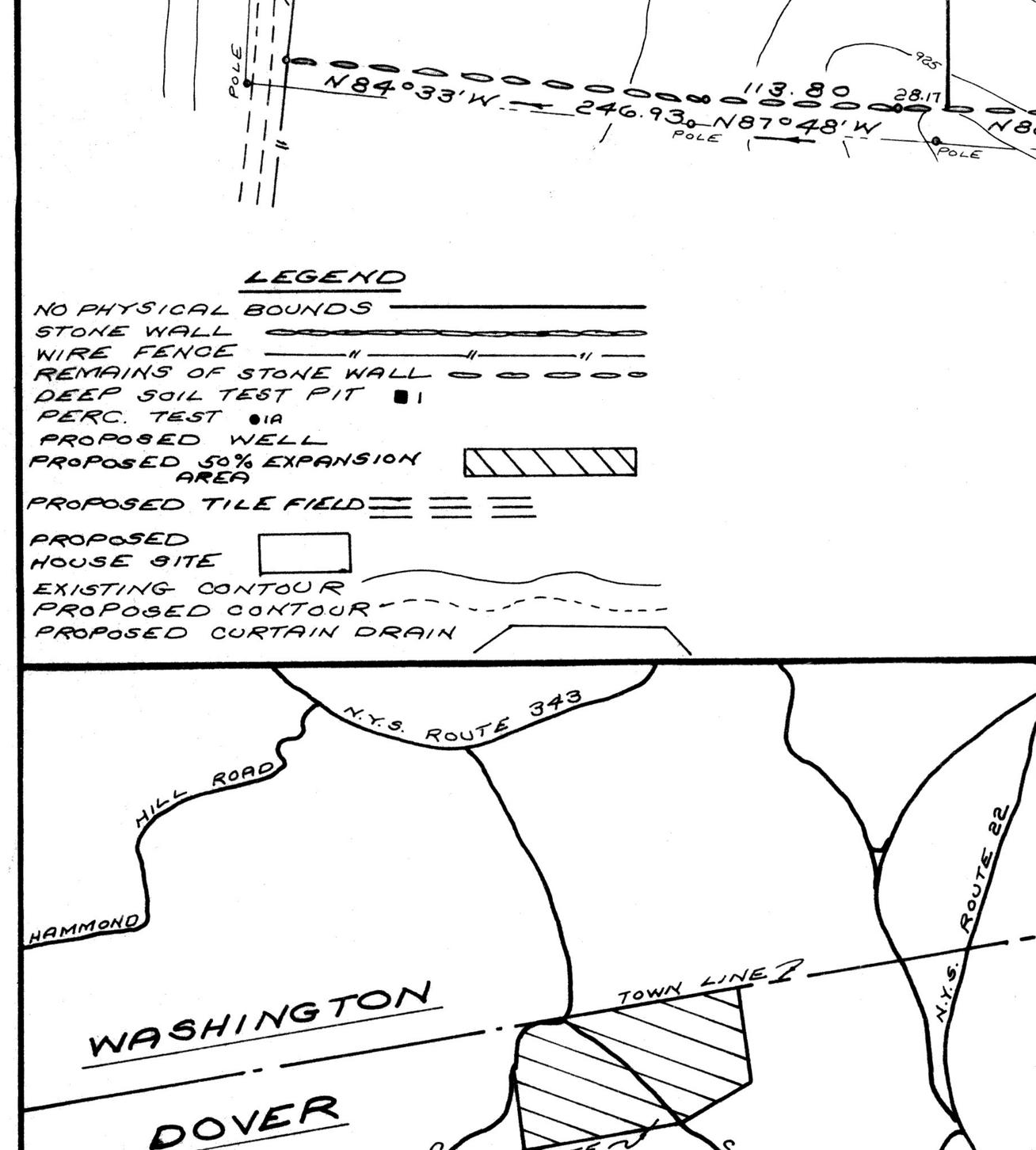


NOTE: TOPOGRAPHY TAKEN FROM AERIAL PHOTOGRAMMETRY. DATUM APPROXIMATE U.S.G.S AMENIA QUADRANGLE. 5 FT. CONTOUR INTERVAL.

NOTE: THERE ARE NO EXISTING WELLS OR SEWAGE DISPOSAL SYSTEMS WITHIN 200 FT. OF THOSE PROPOSED HEREON.

LEGEND

- NO PHYSICAL BOUNDS
- STONE WALL
- WIRE FENCE
- REMAINS OF STONE WALL
- DEEP SOIL TEST PIT ■1
- PERC. TEST ●1A
- PROPOSED WELL
- PROPOSED 50% EXPANSION AREA
- PROPOSED TILE FIELD
- PROPOSED HOUSE SITE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED CURTAIN DRAIN



VICINITY MAP
SCALE 1" = 2000'

CHECKED 11/14/85 B.F. & D.B.

SUBDIVISION PLAT OF RIDGEBROOK COUNTRY ESTATES

TOWN OF DOVER
TOWN OF WASHINGTON
SCALE 1" = 100'
DUTCHESS COUNTY, NEW YORK
NOVEMBER 7, 1985
REVISED: APRIL 10, 1986
REVISED: MAY 15, 1986

UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY MAP IS A VIOLATION OF SECTION 7209 PARAGRAPH 2 OF THE NEW YORK STATE EDUCATION LAW.

SURVEYED FROM RECORD DESCRIPTIONS

HARRY J. BLY
LAND SURVEYOR
FRANKLIN AVE.
MILLBROOK, N.Y.

DUTCHESS COUNTY DEPARTMENT OF HEALTH
POUGHKEEPSIE, NEW YORK

THIS IS TO CERTIFY THAT THE PROPOSED ARRANGEMENTS FOR WATER SUPPLY AND SEWAGE DISPOSAL FOR Ridgebrook Country Estates IN THE (T) Dover WERE APPROVED ON 5/21/86 IN ACCORDANCE WITH PLANS ON FILE IN THE OFFICE OF THE DUTCHESS COUNTY DEPARTMENT OF HEALTH. CONSENT IS HEREBY GIVEN TO THE FILING OF THE MAP ON WHICH THIS ENDORSEMENT APPEARS IN THE OFFICE OF THE COUNTY CLERK OF DUTCHESS COUNTY IN ACCORDANCE WITH THE PROVISIONS OF ARTICLE 11 TITLE 2 OF THE NEW YORK STATE PUBLIC HEALTH LAW AND ARTICLE 17 TITLE 15 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW.

John F. Lozowy Jr.
Commissioner of Health

James T. Napoli P.E.
Supervising Public Health Engineer

RECOMMENDED FOR APPROVAL

SOIL TEST LOG

LOT NUMBER	DEEP SOIL TEST PIT	SOIL DESCRIPTION	PERCOLATION RATE	DEPTH OF PERC. TEST
1	5A	6" TOPSOIL, BALANCE GRITTY LOAM TO ROCK TOTAL DEPTH 5 1/2 FT.	18 MIN. PER INCH	30 IN.
1	5C	6" TOPSOIL, 24" CLAY LOAM BALANCE GRITTY LOAM TO ROCK TOTAL DEPTH 7 1/2 FT. 6 FT. TO WATER	NOT USED FOR DESIGN	—
2	5B	6" TOPSOIL, 4 FT. CLAY LOAM, BALANCE DIRTY GRAVEL TOTAL DEPTH 10 FT.	8 MIN. PER INCH	30 IN.
3	4	6" TOPSOIL, BALANCE CLAY LOAM (MEDIUM CLAY CONTENT) TOTAL DEPTH 9 FT. 5 FT. TO WATER	35 MIN. PER INCH	30 IN.
4	3A	6" TOPSOIL, BALANCE GRITTY CLAY LOAM MIX. TOTAL DEPTH 7 1/2 FT. 7 1/2 FT. TO ROCK, 5 FT. TO WATER	40 MIN. PER IN. @ 18" PERC TEST DEPTH OVER 1 HOUR PER IN. @ 30" PERC TEST DEPTH	18 IN.
4	3	8" TOPSOIL, 18" CLAY LOAM, BALANCE DIRTY SOFT SHALE MIX. TOTAL DEPTH 4 FT. 4 FT. TO ROCK, 3 1/2 FT. TO WATER	NOT USED FOR DESIGN	—
5	2	6" TOPSOIL, 3 1/2 FT. LIGHT CLAY LOAM TO ROCK TOTAL DEPTH 4 FT.	37 MIN. PER INCH	30 IN.
5	2A	6" TOPSOIL, BALANCE LIGHT LOAM TO ROCK TOTAL DEPTH 4 1/2 FT.	NOT USED FOR DESIGN	—
6	1	6" TOPSOIL, BALANCE LIGHT GRITTY LOAM TO ROCK. TOTAL DEPTH 6 1/2 FT.	NOT USED FOR DESIGN	—
6	1A	6" TOPSOIL, BALANCE LIGHT GRITTY LOAM TO ROCK, TOTAL DEPTH 8 FT.	28 MIN. PER INCH	30 IN.
7	6A	6" TOPSOIL, 24" LOAM, BALANCE GRAVELY CLAY LOAM (NOT HEAVY) TOTAL DEPTH 10 FT.	11 MIN. PER INCH	30 IN.
7	6	6" TOPSOIL, BALANCE GRAVELY CLAY LOAM MIX. (NOT HEAVY) TOTAL DEPTH 6 FT, 6 FT. TO ROCK	NOT USED FOR DESIGN	—
8	7A	6" TOPSOIL, BALANCE GRITTY CLAY LOAM MIX TO ROCK. TOTAL DEPTH 8 FT., 6 FT. TO WATER	NOT USED FOR DESIGN	—
8	7	6" TOPSOIL, BALANCE CLAY LOAM (HEAVIER NEAR BOTTOM) TO ROCK. TOTAL DEPTH 9 FT., 7 FT. TO WATER	42 MIN. PER INCH	30 IN.
9	9	6" TOPSOIL, BALANCE SAND GRITTY LOAM TOTAL DEPTH 9 1/2 FT., 5 FT. TO ROCK, 8 FT. TO WATER	45 MIN. PER INCH	30 IN.
10	11	6" TOPSOIL, BALANCE CLAY LOAM MIX TOTAL DEPTH 3 1/2 FT. (LIGHTER THAN 11A) 3 1/2 FT. TO ROCK	40 MIN. PER INCH	30 IN.
10	11A	6" TOPSOIL, BALANCE HEAVY CLAY LOAM TO ROCK. TOTAL DEPTH 4 1/2 FT.	NOT USED FOR DESIGN	—
10	11B	6" TOPSOIL, BALANCE CLAY LOAM TO ROCK TOTAL DEPTH 3 FT.	NOT USED FOR DESIGN	—
11	12	6" TOPSOIL, BALANCE LIGHT LOAM TO ROCK TOTAL DEPTH 4 FT.	38 MIN. PER INCH	30 IN.
11	12A	6" TOPSOIL, BALANCE LIGHT LOAM TO ROCK TOTAL DEPTH 5 FT.	NOT USED FOR DESIGN	—
11	12B	6" TOPSOIL, 4 FT. HEAVY CLAY LOAM BALANCE DIRTY GRAVEL TO ROCK. TOTAL DEPTH 7 1/2 FT.	NOT USED FOR DESIGN	—
12	14	6" TOPSOIL, BALANCE CLAY LOAM (GRAVELY MEDIUM CLAY CONTENT) TO ROCK. TOTAL DEPTH 9 FT.	24 MIN. PER INCH	30 IN.
13	26A	6" TOPSOIL, BALANCE GRAVELY CLAY LOAM MIX TO ROCK. TOTAL DEPTH 7 1/2 FT. 7 FT. TO WATER	39 MIN. PER INCH	30 IN.
13	26	6" TOPSOIL, BALANCE GRITTY CLAY LOAM TO ROCK (3 FT.) TOTAL DEPTH 3 FT.	NOT USED FOR DESIGN	—
14	25	6" TOPSOIL, BALANCE CLAY LOAM MIX (NOT HEAVY) GRITTY TO ROCK. TOTAL DEPTH 10 FT.	10 MIN. PER IN. @ 18" PERC TEST DEPTH OVER 1 HOUR PER IN. @ 30" PERC TEST DEPTH	18 IN.
15	24	6" TOPSOIL, BALANCE GRITTY CLAY LOAM (NOT TO HEAVY) TO ROCK. TOTAL DEPTH 9 FT.	40 MIN. PER INCH	30 IN.
16	23	6" TOPSOIL, BALANCE CLAY LOAM TO SHALE TOTAL DEPTH 2 FT. 2 FT. TO ROCK	NOT USED FOR DESIGN	—
16	23A	6" TOPSOIL, BALANCE GRAVELY LOAM (SLIGHT TRACE OF CLAY) TO ROCK. TOTAL DEPTH 7 1/2 FT.	43 MIN. PER INCH	30 IN.
16	23B	6" TOPSOIL, BALANCE GRITTY CLAY LOAM TO SHALE 4' TO ROCK. TOTAL DEPTH 5 FT.	NOT USED FOR DESIGN	—
17	22A	6" TOPSOIL, 18" TO 24" CLAY LOAM, BALANCE SAND TO SHALE. TOTAL DEPTH 4 1/2 FT. 4 1/2 FT. TO ROCK	14 MIN. PER INCH	30 IN.
17	22	8" TOPSOIL, BALANCE CLAY LOAM TO SHALE. TOTAL DEPTH 3 FT. 3 FT. TO ROCK	NOT USED FOR DESIGN	—
18	21	6" TOPSOIL, BALANCE CLAY LOAM MIX TO ROCK. TOTAL DEPTH 6 FT. 5 FT. TO WATER	NOT USED FOR DESIGN	—
18	21A	6" TOPSOIL, BALANCE CLAY LOAM TO ROCK TOTAL DEPTH 6 1/2 FT.	11 MIN. PER INCH	30 IN.
19	20	6" TOPSOIL, 12" CLAY LOAM, BALANCE HEAVY CLAY LOAM TO ROCK. TOTAL DEPTH 9 FT. 6 FT. TO WATER	60 MIN. PER IN. @ 30" PERC TEST DEPTH 21 MIN. PER IN. @ 24" PERC TEST DEPTH 16 MIN. PER IN. @ 18" PERC TEST DEPTH	30 IN.
19	20A	6" TOPSOIL, 18" CLAY LOAM, BALANCE HEAVY CLAY LOAM TO ROCK. TOTAL DEPTH 8 FT. 7 FT. TO WATER	NOT USED FOR DESIGN	—
20	19	6" TOPSOIL, BALANCE GRITTY CLAY LOAM MIX TO ROCK. TOTAL DEPTH 4 1/2 FT.	NOT USED FOR DESIGN	—
20	19A	6" TOPSOIL, BALANCE GRITTY LOAM (TRACE OF CLAY) TO ROCK. TOTAL DEPTH 8 FT.	31 MIN. PER INCH	30 IN.
21	18	6" TOPSOIL, BALANCE SANDY CLAY LOAM REMAINS OF SHALE & CLAY LOAM. TOTAL DEPTH 8 FT. 3 FT. TO ROCK	37 MIN. PER INCH	30 IN.
22	17A	6" TOPSOIL, BALANCE GRAVELY CLAY LOAM TO ROCK (NOT HEAVY) TOTAL DEPTH 6 FT.	6 MIN. PER INCH	30 IN.
22	17	6" TOPSOIL, BALANCE GRAVELY CLAY LOAM TO ROCK (NOT HEAVY) TOTAL DEPTH 4 1/2 FT.	NOT USED FOR DESIGN	—
23	16	6" TOPSOIL, BALANCE GRITTY LOAM. TOTAL DEPTH 6 FT. 6 FT. TO ROCK	NOT USED FOR DESIGN	—
23	16A	6" TOPSOIL, BALANCE GRITTY LOAM. TOTAL DEPTH 9 FT., 9 FT. TO ROCK, 8 FT. TO WATER	30 MIN. PER INCH	30 IN.
24	15	6" TOPSOIL, BALANCE GRITTY LOAM TOTAL DEPTH 8 FT., 8 FT. TO ROCK, 7 FT. TO WATER	21 MIN. PER INCH	30 IN.

D-185