

- NOTES:**
- 1.) ALL WORK SHALL CONFORM TO THE 310 CMR 15.00 STATE ENVIRONMENTAL CODE - TITLE 5 AND THE RULES AND REGULATIONS OF THE SEEKONK BOARD OF HEALTH.
 - 2.) STRIP ALL TOPSOIL, SUBSOIL AND UNSUITABLE MATERIAL (AT LEAST 3" INTO THE G.S. (99" - 123") HORIZON, TREE ROOTS AND STUMPS AND ANY OTHER IMPERVIOUS OR SPECIFIED SOIL IN THE AREA OF THE SYSTEM AND 5 FEET BEYOND IN ALL DIRECTIONS, WHERE POSSIBLE. REPLACE WITH GRANULAR FILL MEETING THE LATEST SPECIFICATIONS OF 310CMR15.255(3).
 - 3.) ALL PIPE TO BE 4" P. V. C. SCHEDULE 40 UNLESS OTHERWISE NOTED.
 - 4.) PLACE 6" MINIMUM COMPACTED CRUSHED STONE UNDER SEPTIC TANK AND DISTRIBUTION BOX.
 - 5.) IF CONDITIONS ENCOUNTERED DURING CONSTRUCTION VARY SUBSTANTIALLY FROM THOSE SHOWN ON THIS PLAN, NOTIFY CAPUTO AND WICK, LTD. BEFORE PROCEEDING WITH CONSTRUCTION.
 - 6.) GARBAGE GRINDER IS NOT ALLOWED WITH THIS DESIGN.
 - 7.) IT IS RECOMMENDED THAT THE SEPTIC TANK BE INSPECTED TWICE A YEAR, AND BE CLEANED WHEN THE SOLIDS EQUAL ONE THIRD THE LIQUID DEPTH.
 - 8.) BREAKOUT ELEVATION = 104.70. NO FINISHED GRADE BELOW 104.70 FOR 15 FEET (MINIMUM) FROM THE EDGE OF THE LEACHING AREA.
 - 9.) CONTRACTOR SHALL CONTACT "DIG-SAFE" PRIOR TO CONSTRUCTION. LOCATION OF UTILITIES ON THIS PLAN ARE FROM EXISTING INFORMATION, BUT ARE ONLY TO BE CONSIDERED APPROXIMATE.
 - 10.) THE CELLAR FLOOR ELEVATION SHOWN HAS BEEN SUGGESTED AS A MINIMUM BASED ON OBSERVED GROUNDWATER CONDITIONS. SINCE THE GROUNDWATER LEVELS FLUCTUATE ANNUALLY, NO WARRANTY OF A DRY CELLAR IS EXPRESSED OR IMPLIED.
 - 11.) ALL STONE USED FOR CONSTRUCTION OF THE SOIL ABSORPTION SYSTEM MUST BE DOUBLE WASHED AS SPECIFIED BY 310 CMR 15.247. ACTUAL STONE MATERIAL MAY ALSO BE SUBJECT TO APPROVAL BY THE DESIGN ENGINEER AND/OR SEEKONK HEALTH AGENT.

DESIGN DATA

DAILY SEWAGE FLOW
PROPOSED BEDROOMS = FOUR
DAILY FLOW = 110 GAL/DAY/BEDROOM x 4 BEDROOMS = 440 GALLONS PER DAY

SEPTIC TANK REQUIREMENTS
VOLUME = 2 x DAILY FLOW = 880 GALLONS - MINIMUM SIZE = 1500 GALLONS

LEACHING AREA REQUIREMENTS
PERCOLATION RATE = 8 MINUTES PER INCH - DESIGN FOR 10 MINUTES PER INCH - SOIL TEXTURE CLASS - II
EFFLUENT LOADING RATE = 0.60 GAL. PER S. F.
SIDEWALL AREA = N/A
BOTTOM AREA = 24' x 35' = 840 SQUARE FEET
TOTAL LEACHING AREA = 840 SQUARE FEET
TOTAL LEACHING CAPACITY = 840 S. F. x 0.60 GAL/DAY/S. F. = 504 GAL/DAY x 440 GPD

DEEP OBSERVATION HOLE #13

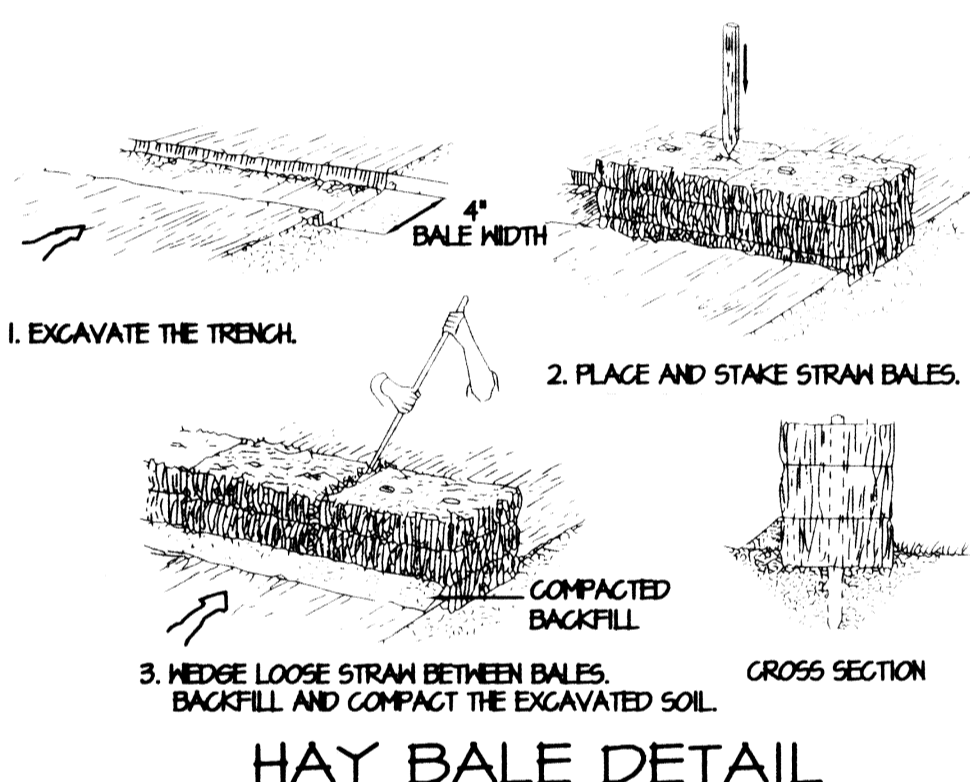
ELEV. - 100.8	PERC. DEPTH: 108" / 128"	PERC. RATE: 8 MINUTES PER INCH	DATE: 10/14/91	KEEPING GW: 186"
0' A	S. L. - GRANULAR, FRIABLE 10 YR 5/3			
8"	Bw	SANDY LOAM - MASSIVE, FRIABLE 15 YR 5/6		
30"	Cd1	FINE S. L. - MASSIVE, FRIABLE 25 Y 6/3		
45"	Cd2	SANDY LOAM - MASSIVE, FIRM 25 Y 4/3 - GRAVELLY, COBBLEY		
46"	Cd3	FINE - CRS. L. S. - MASS. FRIA. 25 Y 4/3 - GRAVELLY, COBBLEY		
180"	Cd4	LOAMY SAND WITH SOME CLAY 25 Y 4/3 - MASSIVE, FRIABLE		
198"				

DATE: 10/14/91 (D. O. H.)
WITNESS: MR. CHENEVERT
PERFORMED BY: CAPUTO AND WICK

DEEP OBSERVATION HOLE #14

ELEV. - 100.9	PERC. DEPTH: 120" / 130"	PERC. RATE: 11 MINUTES PER INCH	DATE: 10/14/91	KEEPING GW: 186"
0' A	S. L. - GRANULAR, FRIABLE 10 YR 5/3			
8"	Bw	SANDY LOAM - MASSIVE, FRIABLE 10 YR 6/6		
24"	Cd1	FINE S. L. - MASSIVE, FRIABLE 25 Y 1/3		
30"	Cd2	SANDY LOAM - MASSIVE, FIRM 25 Y 4/3 - GRAVELLY, COBBLEY		
120"	Cd3	FINE - CRS. L. S. - MASS. FRIA. 25 Y 4/3 - GRAVELLY, COBBLEY		
198"				

DATE: 10/14/91 (D. O. H.)
WITNESS: MR. CHENEVERT
PERFORMED BY: CAPUTO AND WICK



- EROSION AND SEDIMENTATION CONTROL**
- 1.) ALL PERIMETER EROSION AND SEDIMENTATION CONTROLS MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF EARTHWORK.
 - 2.) ACCESSIBLE RESERVES OF HAY BALES AND STAKES ARE TO BE MAINTAINED ON SITE FOR ROUTINE MAINTENANCE AND IN THE EVENT OF UNANTICIPATED PROBLEMS REQUIRING EMERGENCY RESPONSE.
 - 3.) HAY BALES SHOULD BE INSTALLED IN ACCORDANCE WITH THE DETAILS PROVIDED.
 - 4.) NO WORK IS TO OCCUR ON THE WETLAND SIDE OF THE PERIMETER EROSION AND SEDIMENTATION CONTROLS. ALL PERIMETER CONTROLS SERVE AS THE PROJECT LIMIT OF DISTURBANCE.
 - 5.) NO STONES, BRUSH, CONSTRUCTION DEBRIS, LITTER, OR OTHER MATERIALS ARE TO BE DEPOSITED ON THE WETLAND SIDE OF THE EROSION AND SEDIMENTATION CONTROLS.
 - 6.) ALL DISTURBED SOILS NOT DESIGNATED FOR OTHER SURFACE TREATMENT ARE TO BE LOAMED AND SEEDED IMMEDIATELY FOLLOWING FINAL GRADING.
 - 7.) APPROPRIATE PRECAUTIONS SHOULD BE TAKEN TO PREVENT THE TRANSPORT OF SOIL OFF SITE FROM CONSTRUCTION EQUIPMENT.
 - 8.) ALL PERIMETER EROSION AND SEDIMENTATION CONTROLS MUST BE PROPERLY MAINTAINED AND MUST REMAIN IN PLACE UNTIL THE SOILS HAVE BEEN STABILIZED TO THE SATISFACTION OF THE ENGINEER AND THE SEEKONK CONSERVATION COMMISSION.

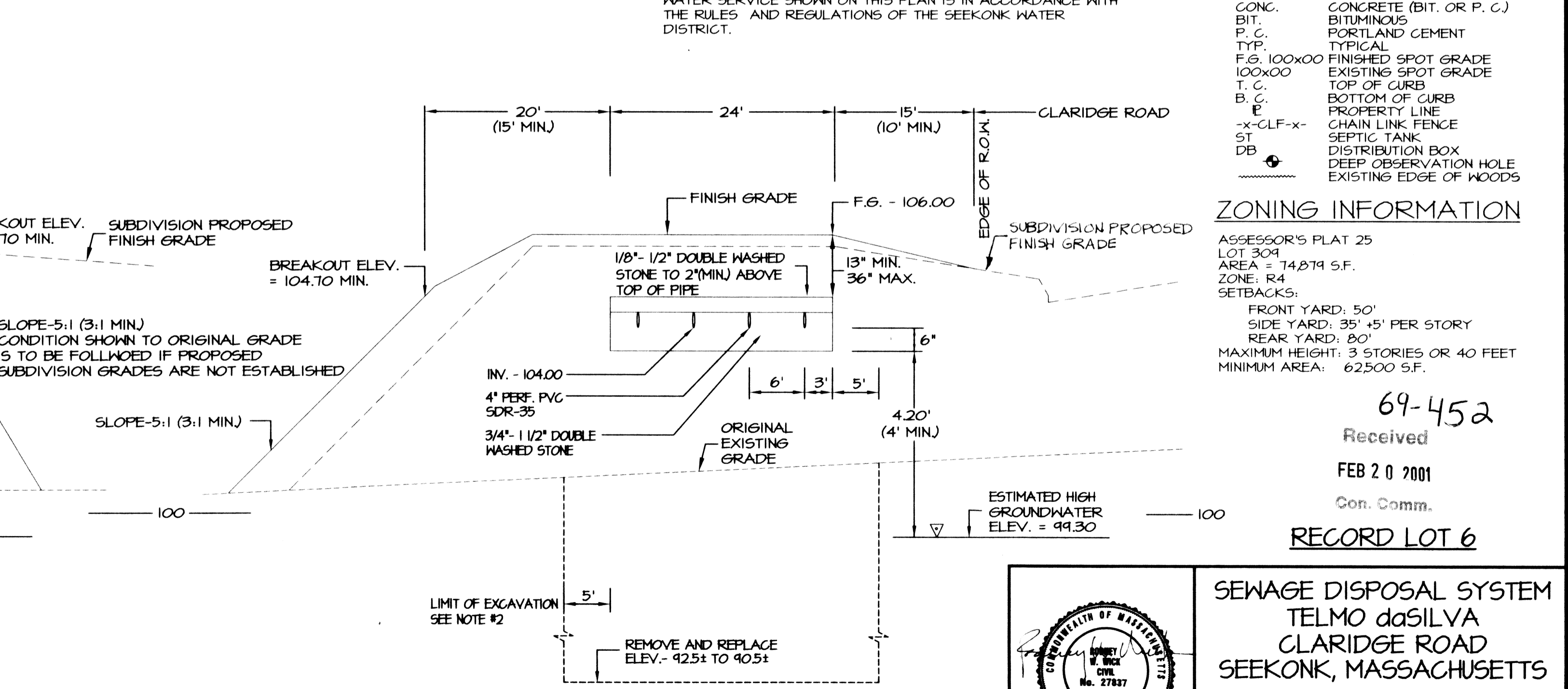
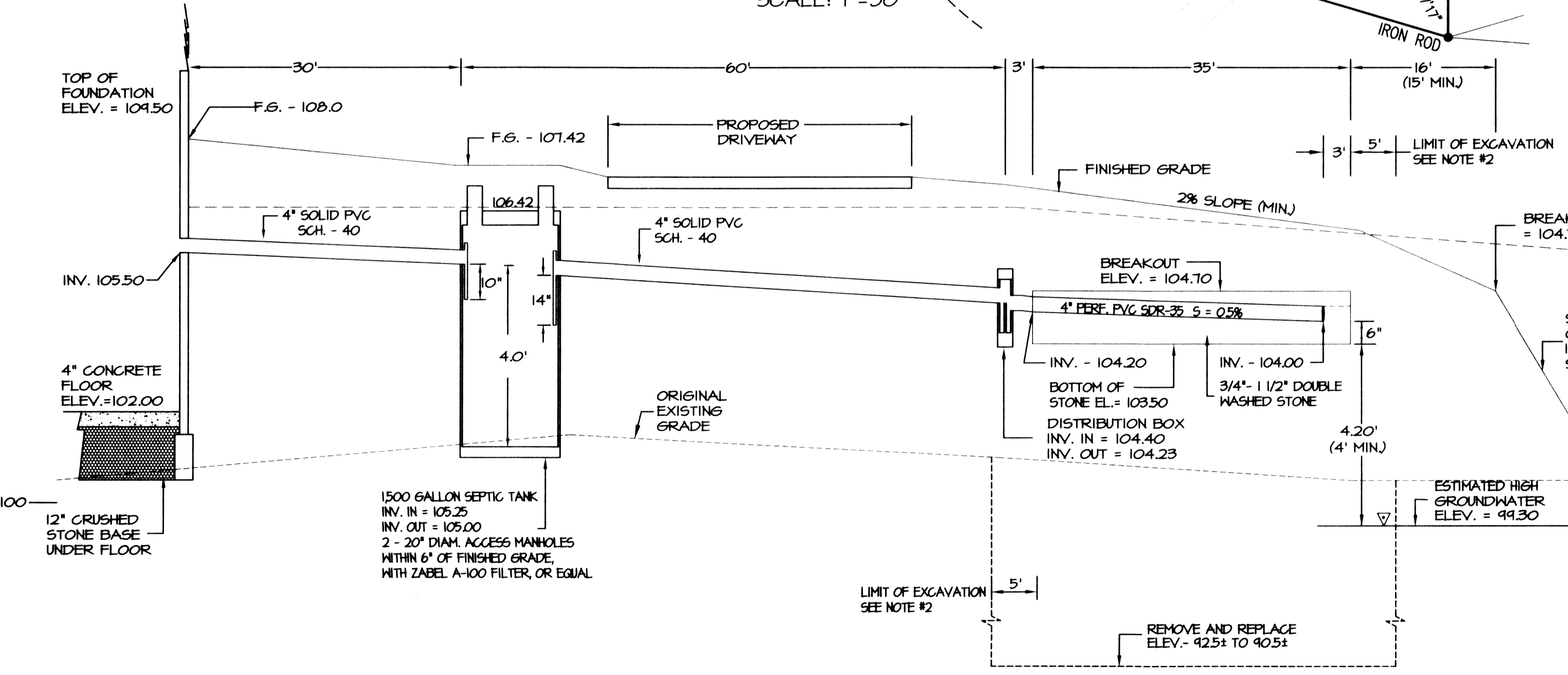
LEGEND

- 100- EXISTING CONTOUR
- (100) PROPOSED CONTOUR
- MA. STD. INVERT OF PIPE
- P. V. C. POLYVINYL CHLORIDE PIPE
- S. D. R. STANDARD DIMENSION RATIO
- R. C. P. REINFORCED CONCRETE PIPE
- CONC. CONCRETE (BIT. OR P. C.)
- BIT. BITUMINOUS
- PORTLAND CEMENT
- TYP. TYPICAL
- F.S. 100X00 FINISHED SPOT GRADE
- 100X00 EXISTING SPOT GRADE
- T. C. TOP OF CURB
- B. C. BOTTOM OF CURB
- E. PROPERTY LINE
- x-CLF-x- CHAIN LINK FENCE
- ST. SEPTIC TANK
- DB. DISTRIBUTION BOX
- EXISTING EDGE OF WOODS

ZONING INFORMATION

ASSESSOR'S PLAT 25
LOT 304
AREA = 74,879 S.F.
ZONE: R4
SETBACKS:
FRONT YARD: 50'
SIDE YARD: 35' / 45' PER STORY
REAR YARD: 80'
MAXIMUM HEIGHT: 3 STORIES OR 40 FEET
MINIMUM AREA: 62,500 S.F.

69-452
Received
FEB 20 2001
Con. Comm.
RECORD LOT 6



SEWAGE DISPOSAL SYSTEM
TELMO DASILVA
CLARIDGE ROAD
SEEKONK, MASSACHUSETTS

CAPUTO AND WICK LTD.
1150 PAWTUCKET AVE.
RUMFORD, R.I. 02916
401-434-8880

DATE: FEBRUARY 14, 2001
SHEET: 1 OF 1