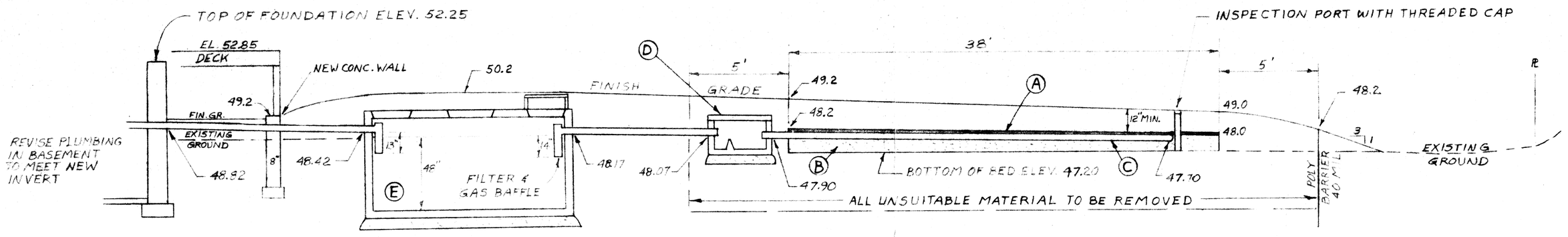
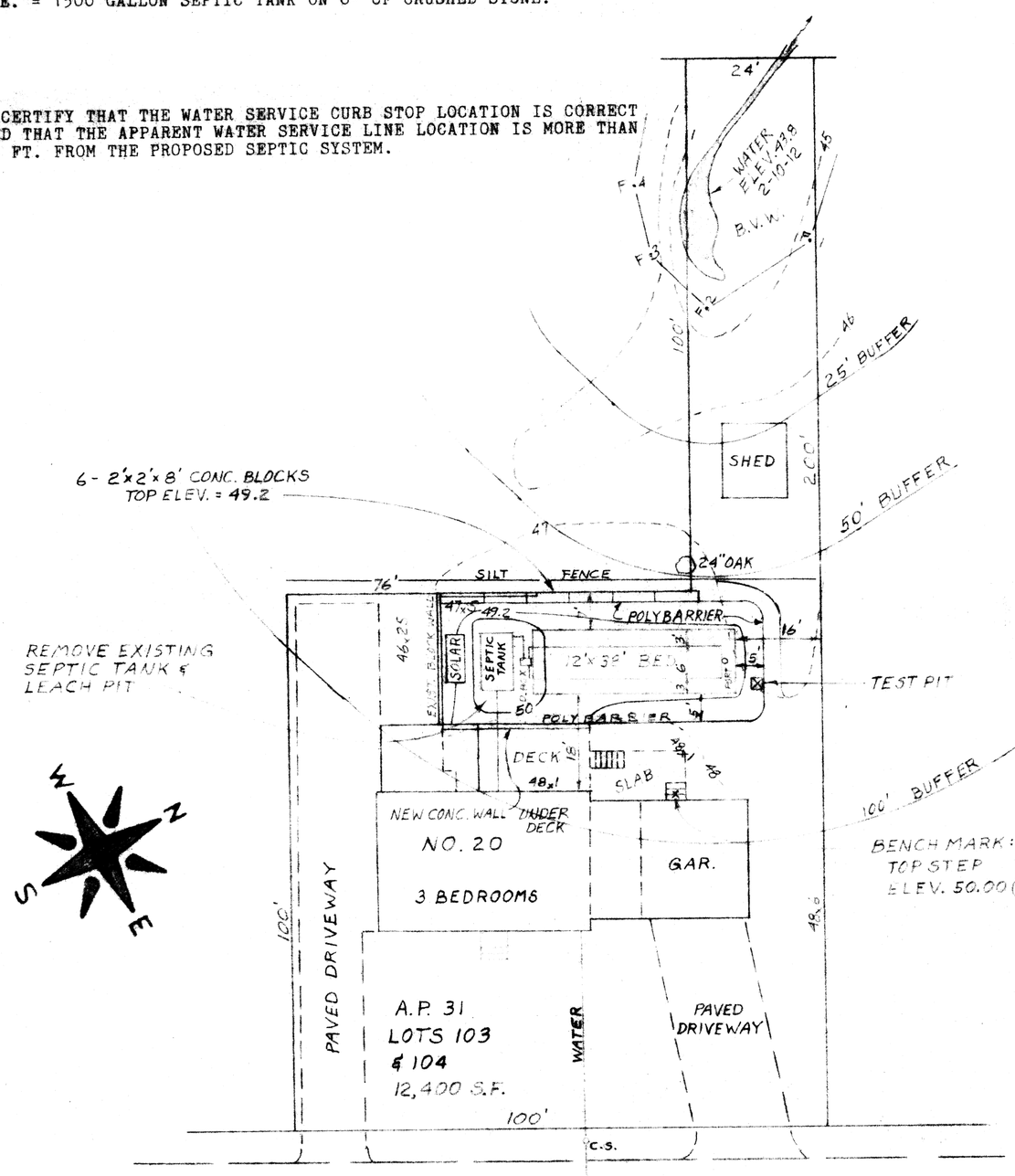


A = 1/8" TO 1/2" DOUBLE WASHED STONE (2" MINIMUM THICKNESS).
B = 3/4" TO 1 & 1/2" DOUBLE WASHED STONE.
C = 4" SCHEDULE 40 PERFORATED PIPE.
D = DISTRIBUTION BOX.
E. = 1500 GALLON SEPTIC TANK ON 6" OF CRUSHED STONE.

SYSTEM PROFILE

I CERTIFY THAT THE WATER SERVICE CURB STOP LOCATION IS CORRECT AND THAT THE APPARENT WATER SERVICE LINE LOCATION IS MORE THAN 15 FT. FROM THE PROPOSED SEPTIC SYSTEM.

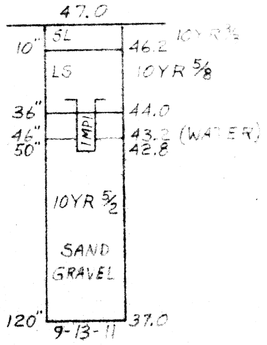


NOTES:

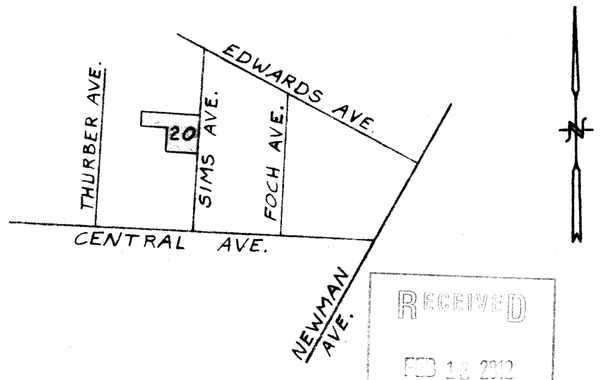
1. DESIGN PERCOLATION RATE: 1 MINUTE PER INCH.
2. DESIGN FLOW = 330 G.P.D. (3 BEDROOM DESIGN).
3. REQUIRED LEACHING AREA = 330 x 1.351 = 446 S.F.
4. USE 12' x 38' BED = 456 S.F.
5. NOT DESIGNED FOR USE OF GARBAGE GRINDER.
6. ALL PIPE 4" SCHEDULE 40.
7. APPLY MAGNETIC TAPE TO ALL COMPONENTS.
8. THIS PLAN DOES NOT GUARANTEE THE OPERATION OF THE SYSTEM.
9. SOIL EVALUATION PERFORMED BY EDWARD KINGMAN AND WITNESSED BY BETH HALLAL 9-13-11.
10. PUMP TANK AND CLEAN FILTER AT 3 YEAR INTERVALS.
11. THIS DESIGN COMPLIES WITH ALL TITLE FIVE REQUIREMENTS.
12. ALL UNSUITABLE MATERIAL IS TO BE REMOVED FROM UNDER THE BED AND TO FIVE FEET BEYOND AND REPLACED WITH SAND CONFORMING TO 310 CMR 15.255(3).

REQUESTED VARIANCES :

1. REDUCTION OF GROUNDWATER CLEARANCE FROM 5 FT. TO 4 FT. 15.405 (1)(h)2.
2. REDUCTION OF SYSTEM SETBACK FROM FOUNDATION FROM 20 ft. to 18 FT. 15.405 (1)(b).
3. REDUCTION OF SYSTEM SETBACK FROM PROPERTY LINE FROM 10 FT. TO 7 FT. 15.405 (1)(a).



SOIL LOG



LOCUS MAP

RECEIVED
FEB 13 2012
SEEKONK CONSERVATION

RDA

THIS PLAN REVISED 2-10-12 TO INCLUDE ITEMS REQUIRED FOR R.D.A.

VARIANCES ARE REQUIRED

COMMONWEALTH OF MASSACHUSETTS
EDWARD H. KINGMAN
No. 31275
REGISTERED PROFESSIONAL ENGINEER

REPAIR SEPTIC SYSTEM

20 SIMS AVENUE — SEEKONK

SCALE: 1" = 20	APPROVED BY:	DRAWN BY
DATE: 9-23-11		REVISED 2-10-12

PREPARED FOR: JAMES & LISA DEAN

EDWARD H. KINGMAN P.E.
508-336-1827

DRAWING NUMBER: FBS - P95