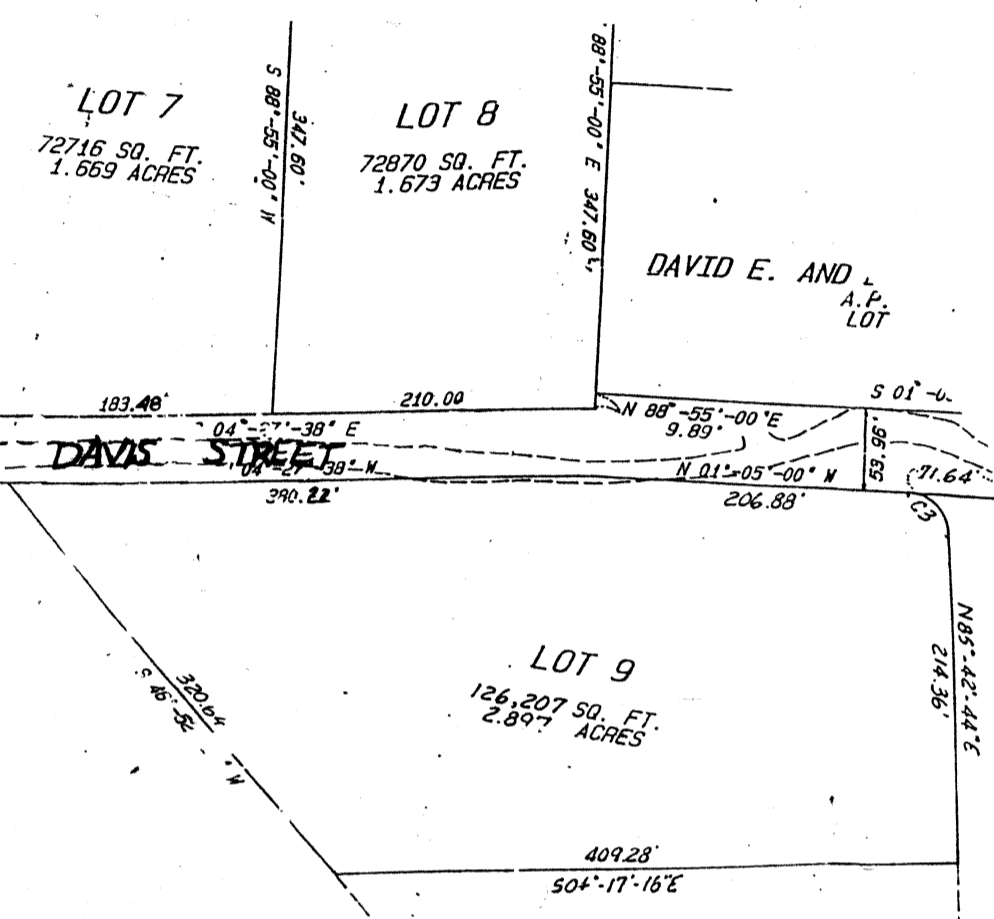


DESIGN DATA
 4 BEDROOM * 110 GAL. / BR. * 15 = 660 GAL. / DAY
 NO GARBAGE DISPOSAL
 DESIGN PERC RATE 15 M.P.I.
 660 ÷ 2.61 = 253 L.F. OF TRENCH REQUIRED
 253 x 3.59 FT = 759 SQ. FT. x .43 = 326 BOTTOM
 253 x 2 = 506 " " x .66 = 334 SIDEWALL
 1265 SQ. FT. 660 GALS

LEACHING TRENCHES
 4 LINES @ 60' LONG
 W/12" STONE BELOW INVERT
 TOTAL CAPACITY 1265 SQ. FT. (NOT INCLUDING ENDS)

LOCATION MAP



TEST HOLE #87-34

0"-2" HUMUS
 2"-5" LOAM
 5"-22" SILTY LOAM
 22"-55" SILTY MEDIUM SAND
 SMALL ROCKS
 55"-93" SILTY GRAVEL HARD
 COMPACT

WATER TABLE DATA
 DATE DUG: 3-25-87
 DATE READ: 4-2-87
 W.T. DEPTH 93"
 PERC - 26 M.P.I.
 ADDITIONAL PERC. RATE 15 M.P.I.

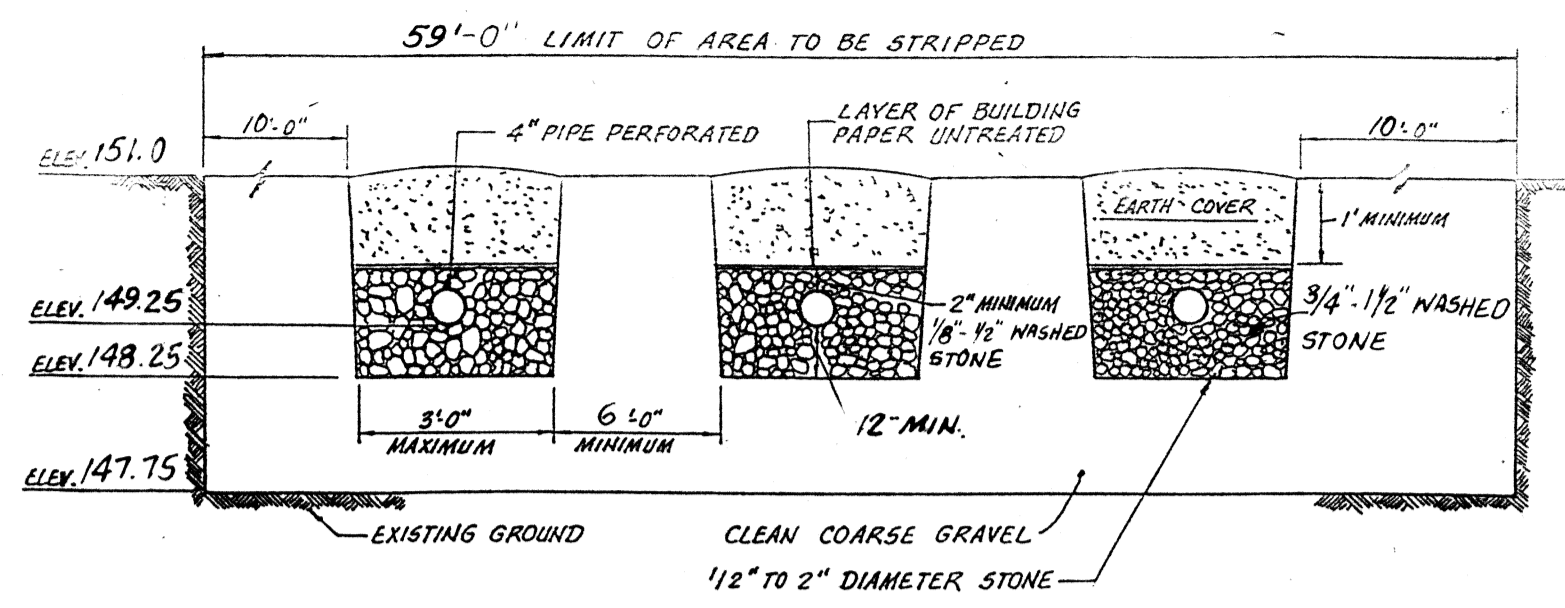
GROUND WATER TEST WITNESS BY
 SEEKONK HEALTH AGENT - MANNY MELLO 3/5/84 & 3/6/84

PERCOLATION TEST WITNESS BY MANNY MELLO
 PERFORMED BY MARK W. HUTCHINS, ASSOC.
 NOTE: ADDITIONAL PERCOLATION TEST WAS PERFORMED
 ON OCTOBER 26, 1988 BY MARK W. HUTCHINS, ASSOC.
 WITNESS BY MANNY MELLO 10/26/88

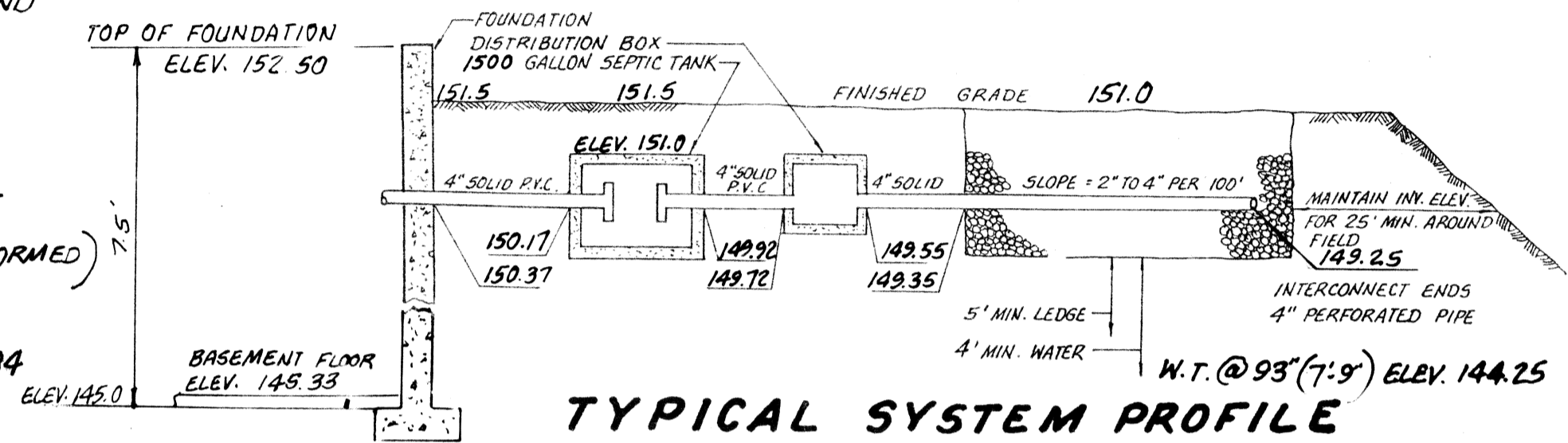
TEST HOLE #9

0"-6" LOAM
 6"-30" SUBSOIL
 30"-120" SILTY SAND
 & GRAVEL

WATER TABLE
 DATE DUG: 3-6-84
 DATE READ: 3-6-84
 W.T. DEPTH 7'-0"
 PERC. (NONE PERFORMED)



TYPICAL TRENCH CROSS SECTION
 NOT TO SCALE



TYPICAL SYSTEM PROFILE

ZONE R-4
 FRONT SETBACK 50'
 REAR " 80'
 SIDE " 35'

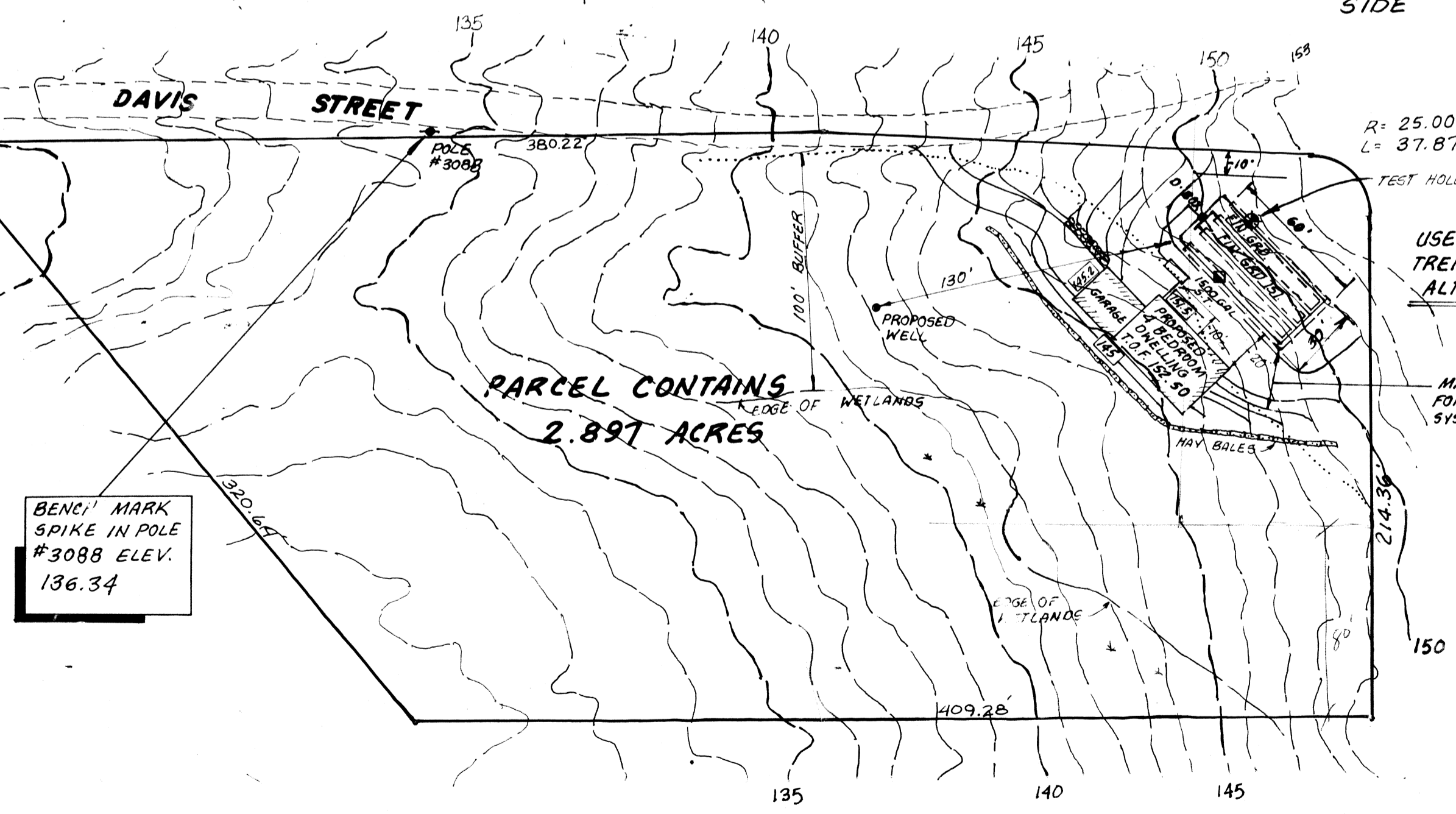
CONSTRUCTION NOTES:

- ALL WORK SHALL CONFORM TO THE 310 CMR 15.00 STATE ENVIRONMENTAL CODE TITLE 5 RULES AND REGULATIONS ESTABLISHING MINIMUM STANDARDS RELATING TO LOCATION, DESIGN, CONSTRUCTION AND MAINTENANCE OF INDIVIDUAL SEWAGE DISPOSAL SYSTEMS AS OF LATEST AMENDMENT.
- THERE ARE NO KNOWN WELLS WITHIN 200' OF PROPOSED SEEPAGE FIELD; NO OTHER 150S WERE FOUND WITHIN 100'; AND NO SUBDRAINS OR DRAINS WERE FOUND WITHIN 50' EXCEPT AS NOTED ON PLAN.
- CLEAR AND REMOVE ALL BRUSH AND TREES TO A TEN (10') FOOT PERIMETER OF SEEPAGE FIELD.
- THE CONTRACTOR SHALL VERIFY ALL ELEVATIONS AND DIMENSIONS PRIOR TO STARTING WORK. HE SHALL NOTIFY THE ENGINEER OF ANY DEVIATIONS FROM THE PLANS IN WRITING TEN (10) DAYS BEFORE BEGINNING WORK.
- STRIP ALL FILL TO A 25' PERIMETER AROUND SYSTEM AND BACKFILL WITH CLEAN BANK RUN GRAVEL TO A DEPTH OF 6" BELOW BOTTOM OF TRENCH.
- MINIMUM DISTANCE FROM EDGE OF SEEPAGE FIELD TO PRESSURE WATER LINE = 10' AND 100' FOR SUCTION LINE.
- CARE SHALL BE TAKEN TO ASSURE THAT THE SOIL AT THE BOTTOM OF THE EXCAVATION IS NOT COMPACTED OR SMEARED.
- SUB-SURFACE DRAINS, FOUNDATION DRAINS AND STORM DRAINS SHALL BE 25' MINIMUM FROM SEPTIC TANK, 50' FROM SEEPAGE FIELD.
- WATER LINE TO BE CLASS 150 MIN. PRESSURE LINE.
- ALL 4" SOLID PVC PIPE TO BE SCHEDULE 40

LEGEND:

- PERCOLATION TEST
- GROUND WATER TEST PIT
- EXISTING CONTOUR
- PROPOSED CONTOUR

NOTE: BEING LOT 9 ON PLAN ENTITLED:
 DIVISION OF LAND IN SEEKONK, MA.
 FOR CHARLES TAPALIAN
 SCALE: 1" = 80' MARCH, 1987
 REVISED APRIL, 1987



BENCH MARK
 SPIKE IN POLE
 #3088 ELEV.
 136.34

MWH CIVIL ENGINEERS
 LAND SURVEYORS
 LAND PLANNERS

MARK W. HUTCHINS & ASSOCIATES, INC.
 1021 WATERMAN AVENUE EAST PROVIDENCE, RI.

PROPOSED SEWAGE DISPOSAL SYSTEM		CHARLES TAPALIAN	
LOT 9 BEING PORTION OF LOT 1 & 36 ON A.P. 26	SCALE: 1" = 50'	DRAWN BY: TKW	REVISED: OCT., 1988
SEEKONK, MA.	DATE: NOV., 1987	APPROVED BY:	DRAWING NUMBER: