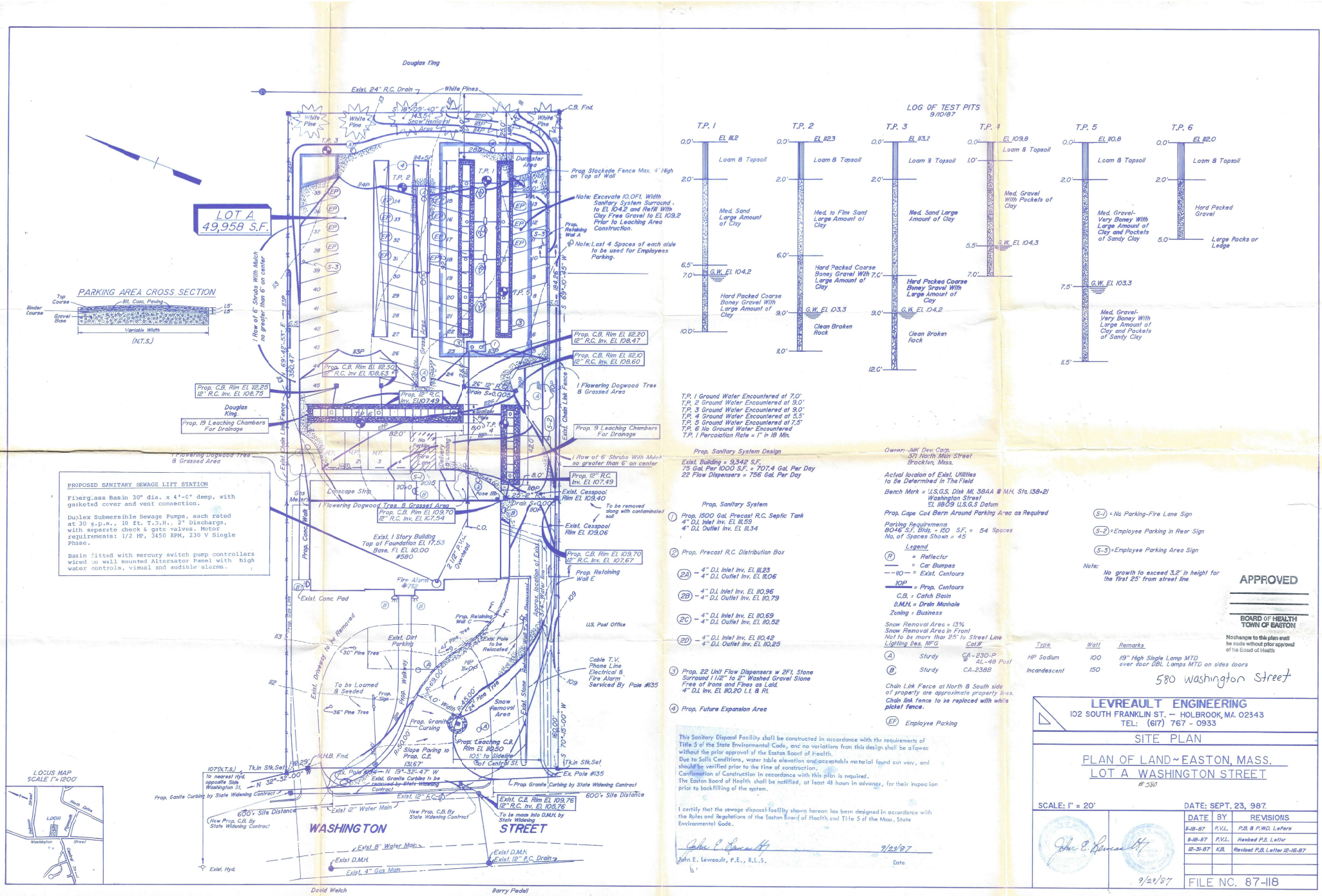

LOG OF TEST PITS
9/10/87

T.P. 1 Ground Water Encountered at 7.0'
T.P. 2 Ground Water Encountered at 9.0'
T.P. 3 Ground Water Encountered at 9.0'
T.P. 4 Ground Water Encountered at 5.5'
T.P. 5 Ground Water Encountered at 7.5'
T.P. 6 No Ground Water Encountered
T.P. 1 Percolation Rate = 1" in 18 Min.

PROPOSED SANITARY SEWAGE LIFT STATION

Fiberglass Basin 30" dia. x 4'-0" deep, with gasketed cover and vent connection.

Duplex Submersible Sewage Pumps, each rated at 30 g.p.m., 10 ft. T.D.H., 2" Discharge, with separate check & gate valves. Motor requirements: 1/2 HP, 3450 RPM, 230 V Single Phase.

Basin fitted with mercury switch pump controllers wired to wall mounted Alternator Panel with high water controls, visual and audible alarms.

Prop. Sanitary System Design

Exist. Building = 9,342 S.F.
75 Gal. Per 1000 S.F. = 707.4 Gal. Per Day
22 Flow Dispensers = 756 Gal. Per Day

Prop. Sanitary System

(1) Prop. 1500 Gal. Precast R.C. Septic Tank
4" D.I. Inlet Inv. El. 111.59
4" D.I. Outlet Inv. El. 111.34

(2) Prop. Precast R.C. Distribution Box

(2A) – 4" D.I. Inlet Inv. El. 111.23
4" D.I. Outlet Inv. El. 111.06

(2B) – 4" D.I. Inlet Inv. El. 110.96
4" D.I. Outlet Inv. El. 110.79

(2C) – 4" D.I. Inlet Inv. El. 110.69
4" D.I. Outlet Inv. El. 110.52

(2D) – 4" D.I. Inlet Inv. El. 110.42
4" D.I. Outlet Inv. El. 110.25

(3) Prop. 22 Unit Flow Dispensers w 2Ft. Stone Surround 1 1/2" to 2" Washed Gravel Stone Free of Irons and Fines as Laid.
4" D.I. Inv. El. 110.20 Lt. & Ft.

(4) Prop. Future Expansion Area

This Sanitary Disposal Facility shall be constructed in accordance with the requirements of Title 5 of the State Environmental Code, and no variations from this design shall be allowed without the prior approval of the Easton Board of Health.
Due to Soils Conditions, water table elevation and acceptable material found can vary, and should be verified prior to the time of construction.
Confirmation of Construction in accordance with this plan is required.
The Easton Board of Health shall be notified, at least 48 hours in advance, for their inspection prior to backfilling of the system.

I certify that the sewage disposal facility shown hereon has been designed in accordance with the Rules and Regulations of the Easton Board of Health and Title 5 of the Mass. State Environmental Code.

John E. Levreault, P.E., R.L.S. — Date 9/23/87

Owner: JMK Dev. Corp.
371 North Main Street
Brockton, Mass.

Actual location of Exist. Utilities to be Determined in The Field

Bench Mark = U.S.G.S. Disk Mt. 38AA @ M.H. Sta. 138+21 Washington Street
El. 118.09 U.S.G.S Datum

Prop. Capa Cod Bern Around Parking Area as Required

Parking Requirements
8046 S.F. Bldg. ÷ 150 S.F. = 54 Spaces
No. of Spaces Shown = 45

Legend
(R) = Reflector
= Car Bumpers
--110-- = Exist. Contours
110P = Prop. Contours
C.B. = Catch Basin
D.M.H. = Drain Manhole
Zoning = Business

Snow Removal Area = 13%
Snow Removal Area in Front Not to be more than 25' to Street Line

Lighting Des.	MFG	Cat.#	Type	Watt	Remarks
(A)	Sturdy	CA-230-P #AL-48 Post	HP Sodium	100	19" High Single Lamp MTD over door DBL Lamps MTD on sides doors
(B)	Sturdy	CA-2388	Incandescent	150	

Chain Link Fence at North & South side of property are approximate property lines.
Chain link fence to be replaced with white picket fence.

(EP) Employee Parking

(S-1) = No Parking-Fire Lane Sign
(S-2) = Employee Parking in Rear Sign
(S-3) = Employee Parking Area Sign

Note:
No growth to exceed 3.2' in height for the first 25' from street line.

APPROVED
BOARD OF HEALTH
TOWN OF EASTON
No changes to this plan shall be made without prior approval of the Board of Health

580 Washington Street

LEVREAULT ENGINEERING
102 SOUTH FRANKLIN ST. – HOLBROOK, MA. 02343
TEL: (617) 767 - 0933

SITE PLAN

PLAN OF LAND ~ EASTON, MASS.
LOT A WASHINGTON STREET
#580

SCALE: 1" = 20'

DATE: SEPT. 23, 987

DATE	BY	REVISIONS
11-18-87	P.V.L.	P.B. & P.W.D. Letters
11-18-87	P.V.L.	Revised P.B. Letter
12-31-87	K.B.	Revised P.B. Letter 12-16-87

John E. Levreault 9/23/87

FILE NO. 87-118