

SOIL BORING LOG

0'	mf. SAND, f.c. Sand, Silt
2.5'	cmf. SAND f. Gravel, Silt
6.0'	cmf. SAND f. Silt, Gravel
16'	cmf. SAND f. GRAVEL
18'	f. GRAVEL, l. cm. Sand
20'	NO GROUND WATER

SITE PLAN LEGEND

- EXISTING EDGE PAVEMENT
- EXISTING CURB
- PROPOSED CURB
- EXISTING SEWERS
- PROPOSED SEWERS
- EXISTING UTILITIES
- PROPOSED UTILITIES
- PROPOSED LIGHT FIXTURE
- 5.0 F.T.C.
- 10 F.T.C.
- 0.5 F.T.C.
- PROPOSED TRAFFIC FLOW
- TRASH HOLDING AREA
- SOIL BORING LOCATION
- "NO PARKING FIRE LANE" SIGN

DESIGN DATA:

- SANITARY SEWERAGE:**
AVERAGE DAILY FLOW - PER NJAC 7:9-1.106
MAIN HALL (RESTAURANT) 200 PERSONS @ 15 GPCD = 3,000 GPD
GAME ROOM (ASSEMBLY) - 60 PERSONS @ 5 GPCD = 300 GPD
OTHER - 17 PERSONS @ 25 GPCD = 425 GPD
TOTAL A.D.F. = 3,725 GPD

DESIGN FLOW - PER N.J.A.C. 7:9-1.19
TWICE A.D.F. AT HALF FULL FLOW = PEAK FACTOR 4
4 (3,725 GPD) = 14,900 GPD DESIGN

PROVIDED-EXISTING LATERAL CAPACITY
ASSUME 4" DIAMETER PIPE AT 2X
CAPACITY = 173,600 GPD
- WATER SUPPLY:**
2" SERVICE REQUIRED PER MECHANICAL ENGINEER

PROVIDED - 2.5 TYPE K COPPER SERVICE
CAPACITY = 120 GPM AT 20 PSI RESIDUAL
- SITE LIGHTING:**
ILLUMINATION LEVELS - PER I.E.S. STANDARDS
1.0 FOOTCANDLE FOR SELF PARKING AREAS
0.5 FOOTCANDLE FOR SECURITY PURPOSES

PROVIDED - 1.2 FOOTCANDLES AVERAGE MAINTAINED ILLUMINATION
3.5 FOOTCANDLES AVERAGE AT TRUCK APRON

CONSTRUCTION NOTES:

- THE LOCATIONS OF KNOWN UTILITY STRUCTURES AND FACILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND THE ACCURACY AND COMPLETENESS OF THIS INFORMATION IS NOT GUARANTEED BY THE ENGINEER.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL FACTS CONCERNING UTILITY LOCATIONS TO HIS OWN SATISFACTION PRIOR TO PROCEEDING WITH CONSTRUCTION.
- ALL PROPOSED UTILITIES SHALL BE CONSTRUCTED UNDERGROUND.
- THE EXISTING SEWER LATERAL IS TO BE UNCOVERED, TEMPORARILY CAPPED DURING CONSTRUCTION, EXTENDED AND REUSED FOR THE NEW FACILITIES.
- THE EXISTING SEPTIC TANK SHALL BE ABANDONED BY EXPOSING ACCESS PLUGS, COMPLETE PUMPING OUT OF CONTENTS, COLLAPSING OF TOP SECTION AND BACKFILLING WITH COMPACTED CLEAN SAND AND GRAVEL.
- ROOF DRAINS SHALL BE CONNECTED INTO THE STORM DRAINAGE SYSTEM.
- TRAFFIC CONTROL AND PARKING STALL MARKINGS ARE TO BE PAINTED ON THE PAVEMENT SURFACE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AS FOLLOWS:

WHITE - STALL LINES, TRAFFIC FLOW ARROWS
YELLOW - FIRE LINES, LOADING ZONES, RESTRICTED PARKING AREAS
BLUE - HANDICAPPED PARKING LOGO
- TRAFFIC AND PARKING CONTROL SIGNAGE SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
- REFER TO THE ARCHITECTURAL PLANS FOR PARTICULARS RELATING TO BUILDING CONSTRUCTION.

REVISION A: 4/26/88 - Revised Parking, Lighting, Drainage, And Added Sidewalk.

APPROVED-BRICK TOWNSHIP PLANNING BOARD

Chairman	Date
Secretary	Date
Engineer	Date

AMENDED SITE PLAN EXHIBITS

SITE PLAN
ADDITION TO LAURELTON FIRE COMPANY NO. 1
BLOCK 847.4 LOTS 1-12
BRICK TOWNSHIP, OCEAN COUNTY, N. J.

PROFESSIONAL ENGINEERS, LAND SURVEYORS, PLANNERS

BPE Bay Pointe Engineering Associates Inc.
201 Arnold Avenue, P.O. Box 1244
Point Pleasant Beach, N.J. 08742
201/892-5700

John E. Walsh
JOHN E. WALSH

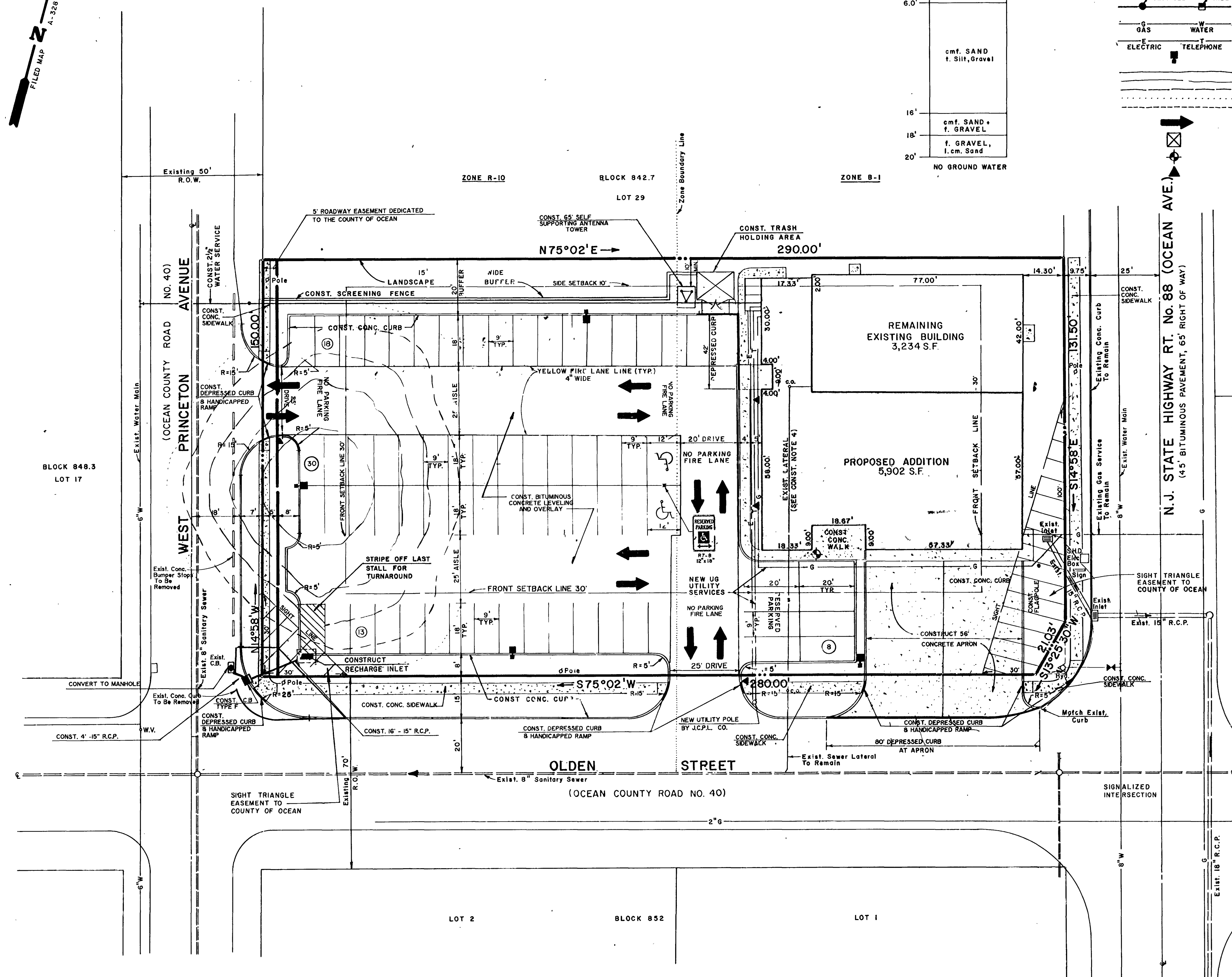
P.E. LIC. NO. 26988

PERMIT: 000000
LDS BR 50500033

PLOT:	RMB
DESIGN:	<i>AW</i>
CHECK:	<i>AW</i>
INDEX:	87-011.001
DATE:	11-24-87
SHEET:	3 of 6

TOPOGRAPHIC INFORMATION PREPARED BY:

Thomas H. Stuart, Jr. Date: 11-24-87
THOMAS H. STUART, JR.
L.S. LIC. NO. 18593



SITE PLAN

SCALE: 1" = 20'

