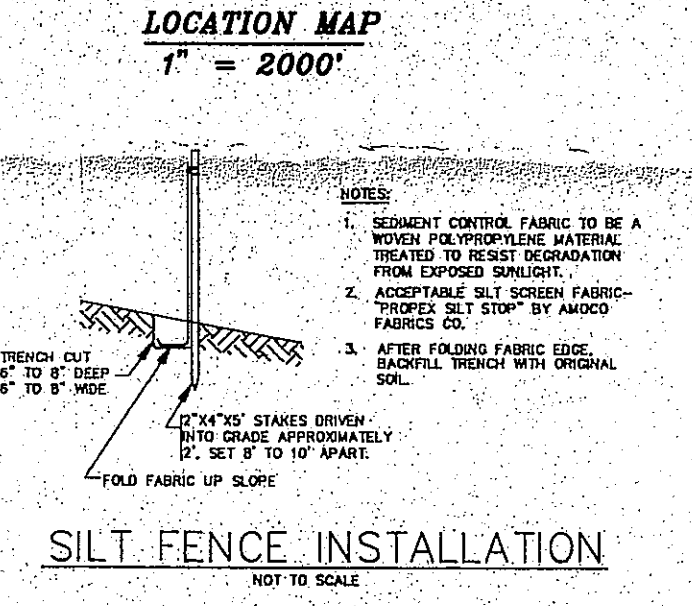
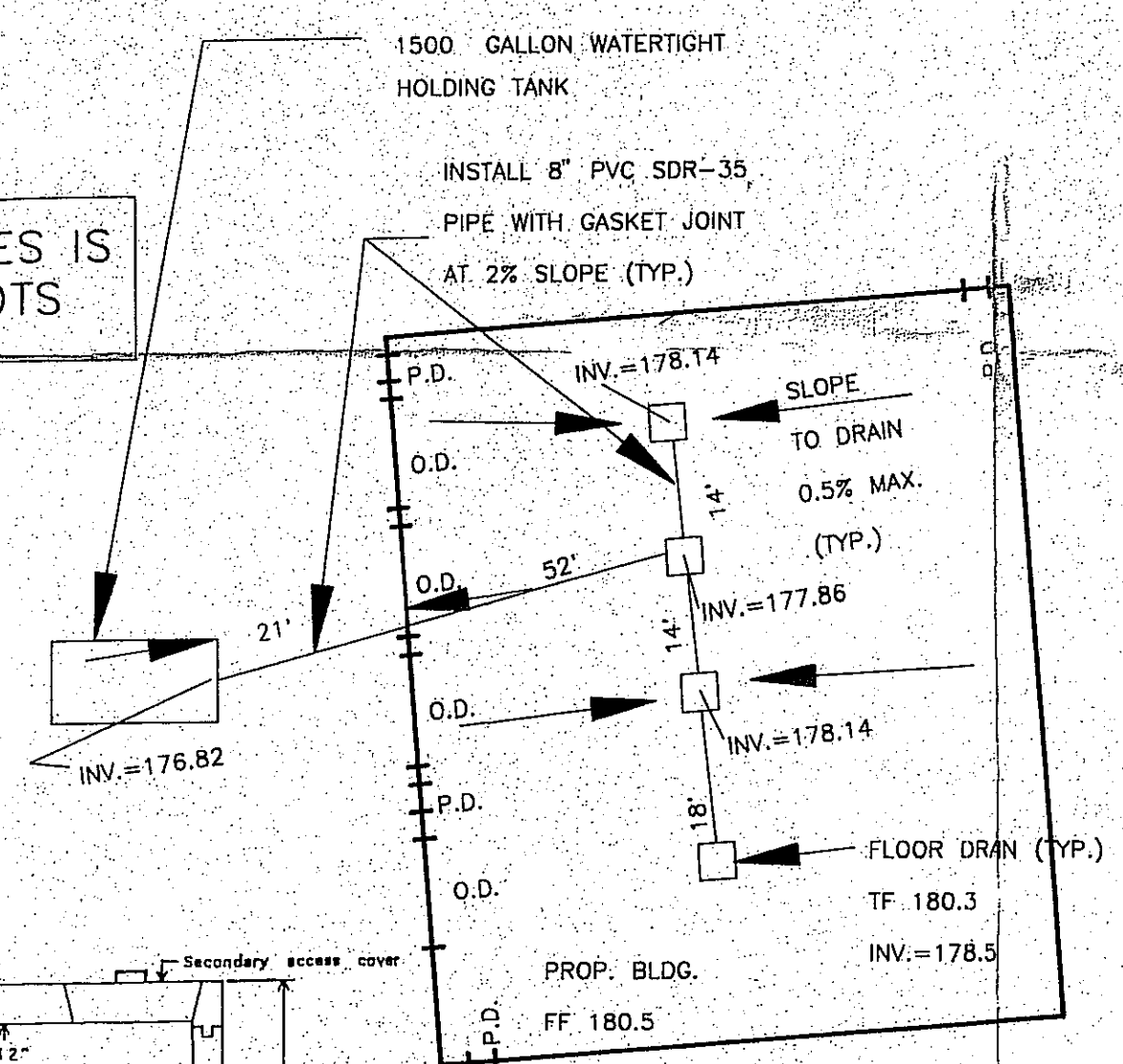
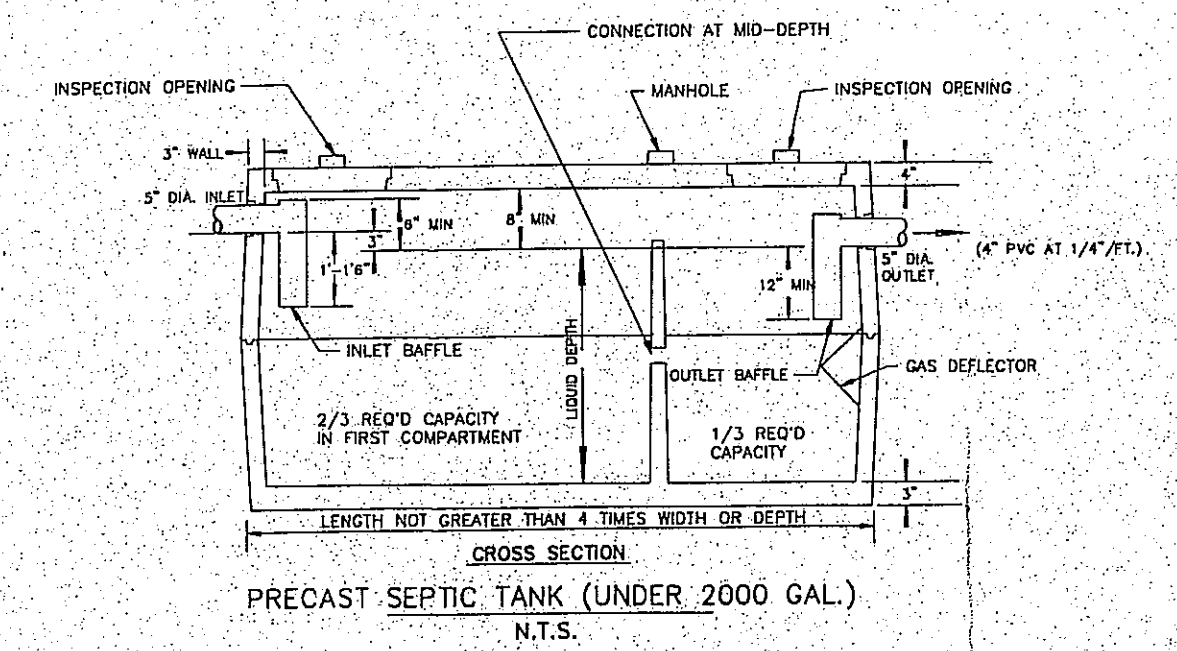


**COVERAGE CALCULATIONS**

ITEM	AREA OF ITEM (ACRES)	% OF LOT COVERED
EXISTING HOUSE AND GARAGE	0.0248	0.8
PROP. BUILDING	0.0067	4.16
EXIST. BIT. DRIVE	0.0067	0.22
EXIST. DIRT DRIVE	0.0186	0.60
PROPOSED PAVED DRIVE	0.0799	2.59
SAND/SALT STORAGE AREA	0.0207	0.67
GRAVEL MATERIAL STORAGE AREA	0.8794	28.46
GRAVEL VEHICLE AREA	0.6428	20.80
<b>TOTAL IMPERV. COVERAGE</b>	<b>8.44%</b>	
<b>TOTAL DEVELOPED AREA (INCLUDES IMPERVIOUS AND GRAVEL AREAS)</b>	<b>58.30%</b>	

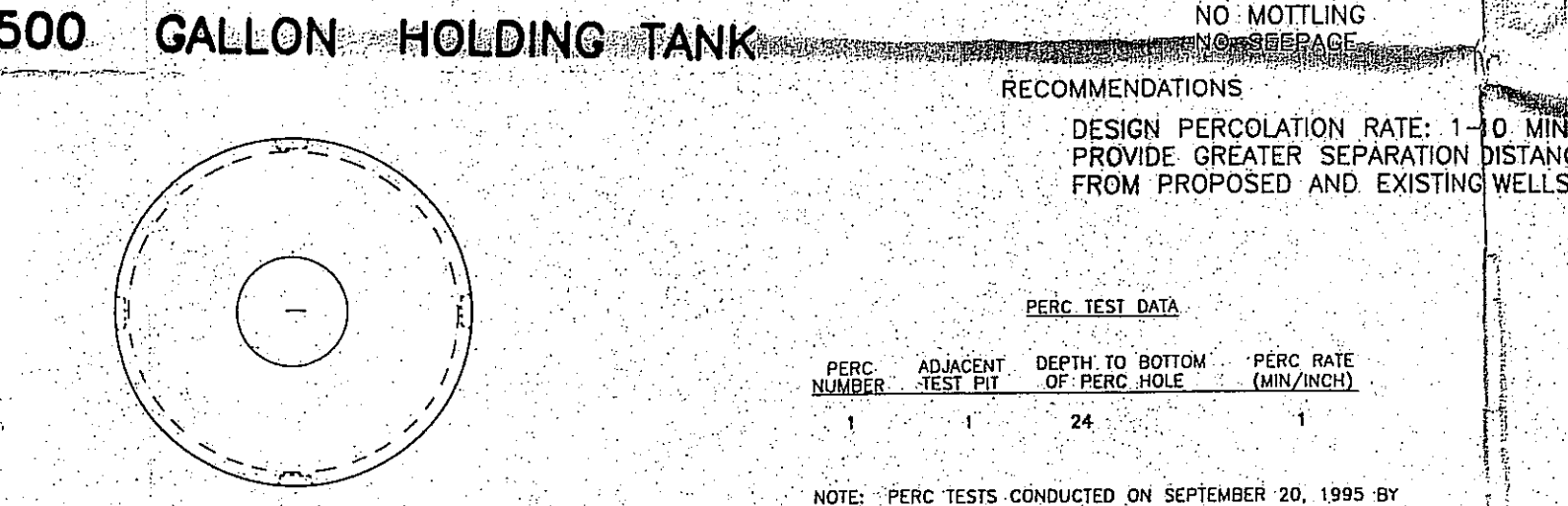
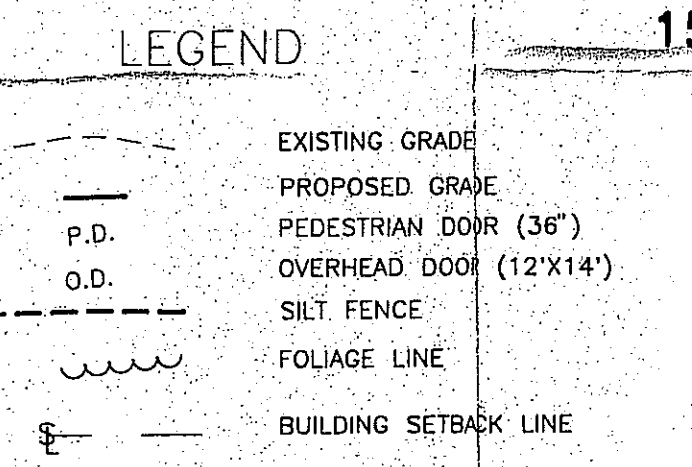
**NOTE: NO OUTSIDE STORAGE OF ANY VEHICLES IS ALLOWED EXCEPT IN APPROVED PARKING SPOTS**



**INSTALLATION NOTES AND SPECIFICATIONS**

- THIS SYSTEM SHALL BE BUILT IN ACCORDANCE WITH TECHNICAL STANDARDS FOR THE DESIGN AND CONSTRUCTION OF SUBSURFACE SEWAGE DISPOSAL SYSTEMS AND SECTION 19-13-5102A-19-13-5103F AS SET FORTH BY THE STATE OF CONNECTICUT DEPARTMENT OF HEALTH SERVICES.
- PRECAST CONCRETE SEPTIC TANK TO BE RANTONDD ST 1000 OR EQUAL GALLON SEPTIC TANK.
- PRECAST DISTRIBUTION BOXES TO BE RANTONDD DB-3 OR EQUAL.
- BUILDING SEWER TO BE 4" CAST IRON PIPE WITH RUBBER GASKETED JOINTS OR ACCEPTED EQUAL. THE SLOPE SHALL BE A MINIMUM OF 1/4" PER FOOT LAID IN A STRAIGHT LINE ON A UNIFORM GRADE.
- ALL OTHER DISTRIBUTION PIPE TO BE 4" SOLID PVC PLASTIC PIPE ASTM D 3034 OR ACCEPTED EQUAL.
- ALL TREES AND SHRUBS ARE TO BE REMOVED FROM AREA OF LEACHING FIELD.
- TOPSOIL TO BE STRIPPED IN AREA OF LEACHING FIELD AND STORED FOR REUSE.
- THE GROUND SURFACE OVER THE ENTIRE SUBSURFACE SEWAGE DISPOSAL SYSTEM SHALL BE GRADED AND MAINTAINED TO LEAD SURFACE WATER AWAY FROM THE AREA.
- LEACHING FIELD DISTRIBUTION SYSTEM SHALL BE WATER TESTED TO ENSURE PROPER EFFICIENT DISTRIBUTION AND WITNESSED BY THE ENGINEER. PROPOSED LEACHING FIELD AND DISTRIBUTION BOXES SHALL BE EXPOSED DURING THIS TEST FOR VISUAL INSPECTION. PERMANENT EROSION CONTROL - 4" OF TOPSOIL MUST BE PLOTTED ON ALL DISTRIBUTION AREAS. THE AREA MUST BE LOADED, FERTILIZED, AND SEEDED.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AS SPECIFIED IN THE CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENTATION CONTROL DATED JANUARY, 1985.
- STOCKPILED MATERIALS WHICH ARE TO BE STORED THROUGH THE WINTER MONTHS SHALL BE SEEDED WITH ANNUAL RYE GRASS AT A RATE OF 1 POUND/1000 SQ.FT. 4/15 - 6/15 9/15 - 10/15
- ALL LAWN AREAS SHALL BE SEEDED WITH THE FOLLOWING PLANTING GUIDELINES: 4/15 - 6/15 KENTUCKY BLUE GRASS 45% CREEPING RED FESCUE 45% PERENNIAL RYE GRASS 10%
- IT IS THE RESPONSIBILITY OF THE INSTALLER (I.E. SEPTIC CONTRACTOR) TO CONSTRUCT THE SANITARY SYSTEM AS SHOWN ON THE FINAL APPROVED PLAN WITHOUT REVISIONS UNLESS PRIOR APPROVAL IS OBTAINED FROM THE DESIGN ENGINEER AND LOCAL SANITARIAN.
- THE DESIGN IS BASED UPON LIMITED FIELD TESTING. IT IS POSSIBLE THAT CONDITIONS FOUND DURING CONSTRUCTION THAT WILL INCREASE THE SYSTEM COST.
- IF THE INSTALLER FINDS CONDITIONS WORSE THAN THOSE SHOWN ON THE PLAN, HE SHALL IMMEDIATELY STOP WORK AND CONTACT THE SANITARIAN AND ENGINEER FOR REVISIONS.

- DESIGN NOTES**
- Concrete - 5000 p.s.i., 28 days
  - Reinforcement - ASTM A-615, Grade 60
  - Loading - AASHTO HS20-44
  - Joints sealed with mastic sealant
  - hiet piping and tee not supplied
  - Coated inside with epoxy mastic
  - hiet coated outside with asphalt coating
  - hiet pipe connection sealed with flexible rubber boot seal 4" or 6"



**PERC TEST DATA**

PERC NUMBER	ADJACENT TEST PIT	DEPTH TO BOTTOM OF PERC HOLE	PERC RATE (MIN/INCH)
1	1	24"	1

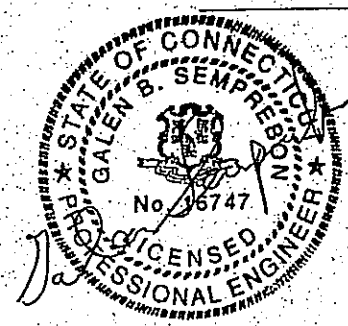
NOTE: PERC TESTS CONDUCTED ON SEPTEMBER 20, 1995 BY JAMES C. SOMMERS OF J.C. SOMMERS ASSOCIATES, INC. AND FARMINGTON VALLEY HEALTH DISTRICT

**SEPTIC SYSTEM DESIGN**

PERC RATE	EFFECTIVE AREA REQUIRED (EQ. GALLONS)	HEIGHT OF GALLERY
1	117	4.2

**SEPTIC SYSTEM**

LOCATION	INVERT
FOUNDATION WALL	178.22
SEPTIC TANK IN	177.88
SEPTIC TANK OUT	177.63
LEACH CHAMBER	177.30
BOTTOM LEACH CHAMB.	172.8



**MAP REFERENCE**  
PLAN OF PROPERTY OWNED BY HENRY SNOW HAZELWOOD RD. & RAINBOW RD. EAST GRANBY CONN. SCALE: 1" = 100' DECEMBER 1950 REV. AUGUST 1952 A-2 JOHN DELBONE L.S.

I HEREBY CERTIFY THAT THIS MAP AND SURVEY WERE PREPARED IN ACCORDANCE WITH THE STANDARDS OF A CLASS A-2 SURVEY AS DEFINED IN THE CODE OF PRACTICE FOR STANDARDS OF ACCURACY OF SURVEYS AND MAPS, ADOPTED DECEMBER 10, 1975 AS AMENDED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.

TOPOGRAPHIC FEATURES, SHOWN HEREON, WERE PREPARED IN ACCORDANCE WITH CLASS T-2

**JAMES C. SOMMERS L.S. 9678**

**APPLICANT:** Mr. Steven Bednaz  
c/o Bednaz Excavating, Inc.  
139 W. Granby Road  
Granby, CT 06035  
(860) 653-2249

**OWNER:** Ms. Irene M. Caesar  
32 Hazelwood Road  
East Granby, CT 06026  
(860) 653-2249

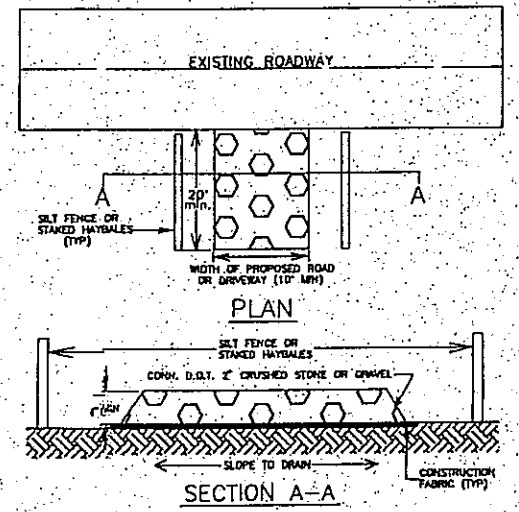
**ZONING DATA - BUILDING SETBACKS**

FRONT YARD SETBACK=50'  
SIDE YARD SETBACK=30'  
REAR YARD SETBACK=30'

**PARKING REQUIREMENTS**

REQ'D PARKING 1 SPACE PER EMPLOYEE +6 ADIT. SPACES

PARKING PROV. 4 EMPLOYEES 4 SPACES PROVIDED +10 ADIT. SPACES



**GRADATION TABLE**

SQUARE MESH (SIZES IN INCHES)	PERCENT PASSING BY WEIGHT
2 1/2"	100
1 1/2"	85-100
1"	65-70
3/4"	0-25
1/2"	0-10

**JC Sommers Associates Inc.**  
25 Terrace Drive • Vernon, CT. 06066-2416  
Consulting Civil And Sanitary Engineers • Land Surveyors

**PLOT PLAN PREPARED FOR BEDNAZ EXCAVATION, INC.**

HAZELWOOD ROAD E. GRANBY • CONNECTICUT

SCALE	PROJ. NO.	CAD NO.
1" = 40'	95-2221	95-2221
DESIGNED BY	DATE	DATE OF SURVEY
GBS	OCTOBER, 1996	9-25-95
DRAWN BY	DATE	FLD BK NO.
GBS	OCTOBER, 1996	161
CHECKED BY	DATE	SHEET NO.
JCS	OCTOBER, 1996	1 OF 1

NO.	DATE	REVISION	BY
1	11-8-95	PER COMMENTS BY MR. FRANCIS P.E. DATED 11-3-95	GBS
2	12-4-95	PER E. GRANBY P&Z CONDITIONS OF APPROVAL	GBS
3	2-20-96	OUTSIDE VEHICLE STORAGE NOTE	JCS