EROSION AND SEDIMENTATION CONTROL NARRATIVE

A. PROJECT DESCRIPTION

As shown on the site plans, this project consists of the addition of a new classroom building, sanitary facilities, 76-space parking lot, and sports fields. The site will be drained by a new storm water system draining to the low area on the northeast portion of the site.

The site will be served by a new pump chamber leading to a pair of new septic fields to the east of the addition.

Existing on-site wells will be used for water supply.

All improvements are proposed in accordance with the appropriate Town of Bolton and Department of Environmental Protection Regulations.

The following sedimentation and erosion control measures are intended to mitigate any adverse environmental impacts from construction of these improvements:

B. GENERAL SEDIMENT AND EROSION CONTROL REQUIREMENTS

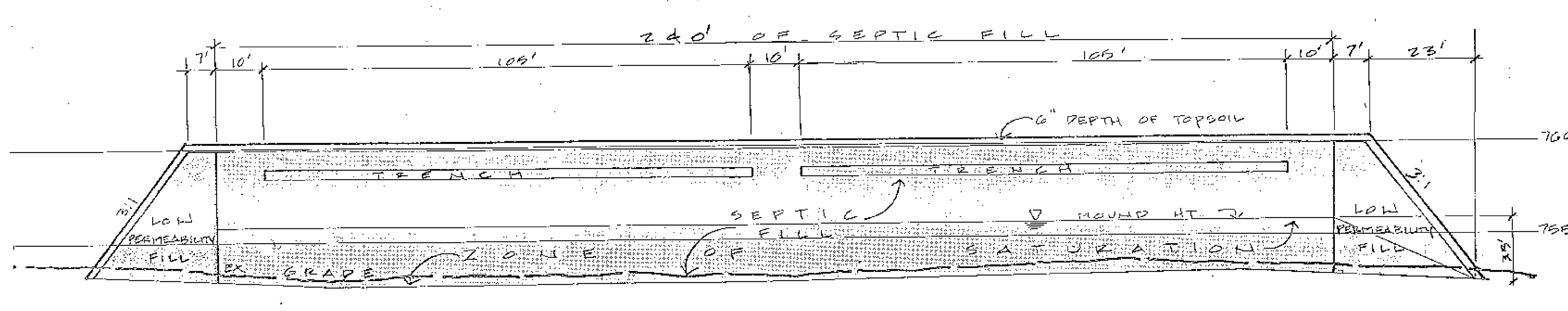
1. The General Contractor is responsible for containing all eroded sediments and siltation on-site and out of any watercourses.
2. All construction procedures shall be in general accordance with the "Connecticut Guidelines for Soil Erosion and Sediment Control" by the Connecticut Council on Soil and Water Conservation.
3. Prior to the initiation of any site work, the Contractor will assign Erosion & Sedimentation (E & S) Control responsibility to a supervisor who is familiar with these plans and will be available for on-site inspection and supervision. That person's name and phone number shall be supplied to Town Staff for contact during emergencies.
4. The E & S Control Supervisor shall make weekly inspections of all sediment and erosion controls and undertake corrective action as required to assure satisfactory operation. Regular reports of inspections and actions shall be supplied to Town Staff at intervals specified by the Staff.
5. Care shall be taken during construction to install and maintain all sediment and erosion controls to contain eroded sediments on site. Regular maintenance shall be undertaken as required to prevent the discharge of eroded sediments into drainage systems or water courses.
6. Pumped excavations will be discharged to temporary sediment pools constructed for this purpose. No pumping will be allowed to discharge directly to the street, streams, or wetlands.
7. Material specification for topsoil, seed, and mulch shall conform to that specified in the Connecticut DOT Standard Specifications for Roads, Bridges, and Incidental Construction, Form 814, Section M.13.0' through M.13.06.
8. Hay bales shall be installed and maintained around catch basins as shown until final paving and ground stabilization has been achieved.
9. Temporary stockpiles of stripped material shall be spread and graded as soon as is practicable; however, no stockpiled material shall be left for more than 30 days without the establishment of a temporary vegetative cover; or, in times out of planting seasons, covered with a 2" layer of wood chip or fabric mulch.
10. Slopes steeper than three feet horizontal to one foot vertical shall be protected with mulch blankets, jute netting, or another approved erosion control surface until an adequate stand of grass is established.
11. The installation and maintenance of all sediment and erosion controls is solely the responsibility of the Contractor.
12. Additional control measures shall be installed during the construction period as required, or as ordered by the Town.

C. SEQUENCE OF CONSTRUCTION

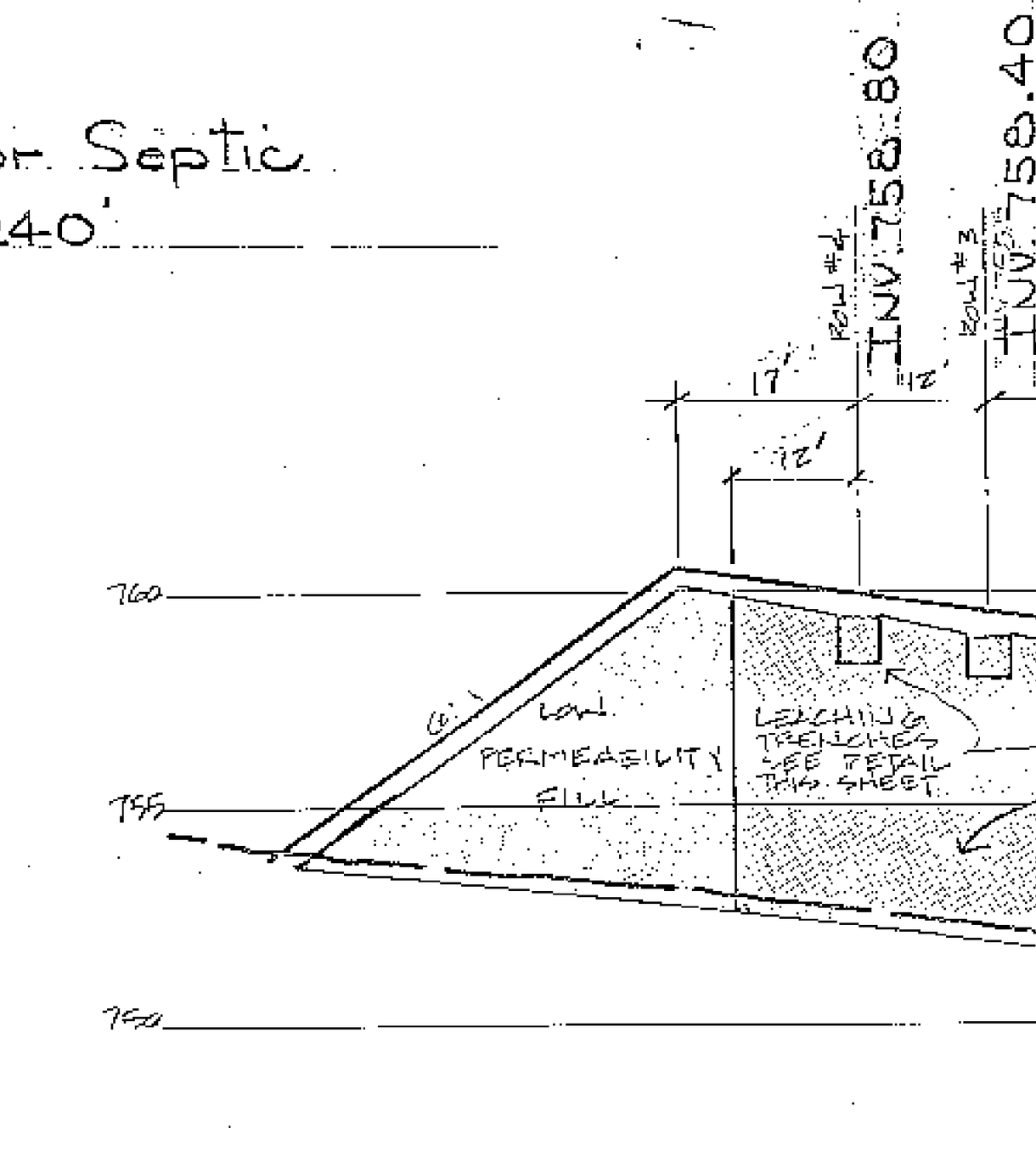
1. Start-up of grading activities shall begin as soon as is practicable during the summer of 1992. Town Staff shall be notified of impending construction activities.
2. Install construction entrance.
3. Prior to any grading activity, hay bales and/or silt fences are to be installed as shown and shall be maintained in place until construction is completed and/or the area is stabilized to the satisfaction of the Town Staff.
4. Box out new drives and parking and install site drainage. As soon as drainage structures are installed, surround with hay bales. Maintain hay bales and remove build-up of silt. Hay bales shall be maintained until the site has been topsoiled and seeded and a stand of grass has been established, and at least the binder course of paving has been placed.
5. Building construction and additional utility installation may begin once erosion control measures have been placed.
6. Disturbance of existing ground shall be limited to areas of proposed slope limits and stockpile areas. Construction shall be planned to minimize the area of bare soil at any given time.
7. Prepare subgrade for paving; install improvements; place paving and curbing and topsoil; seed and mulch grassed areas; install landscaping and mulch beds.
8. Placement of topsoil, seed, and mulch for all disturbed areas shall be completed prior to Fall, 1992. In the event that seeding cannot be done by this time, all disturbed areas shall be temporarily mulched through the spring, and seeding shall be completed prior to May 31, 1993.
9. Remove all temporary erosion control devices only after all areas have been paved and/or grass has been well established. Dispose of in an appropriate manner.

"As Built"
Septic Field
Inverts

Gravel Pad for Septic Field #1, 128 x 240'

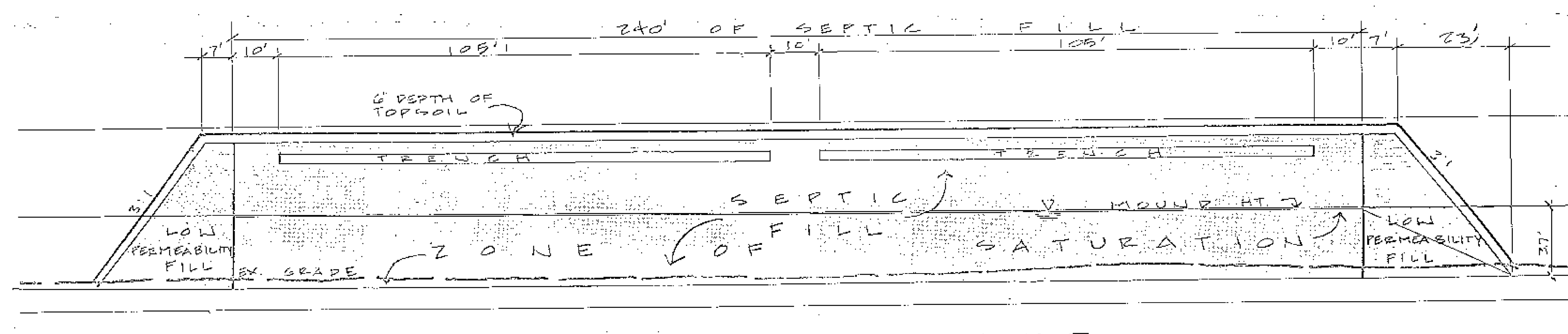


CROSS SECTION B-B
SYSTEM #1
SCALE 1"=20' HORIZ. 1"=5' VERT.

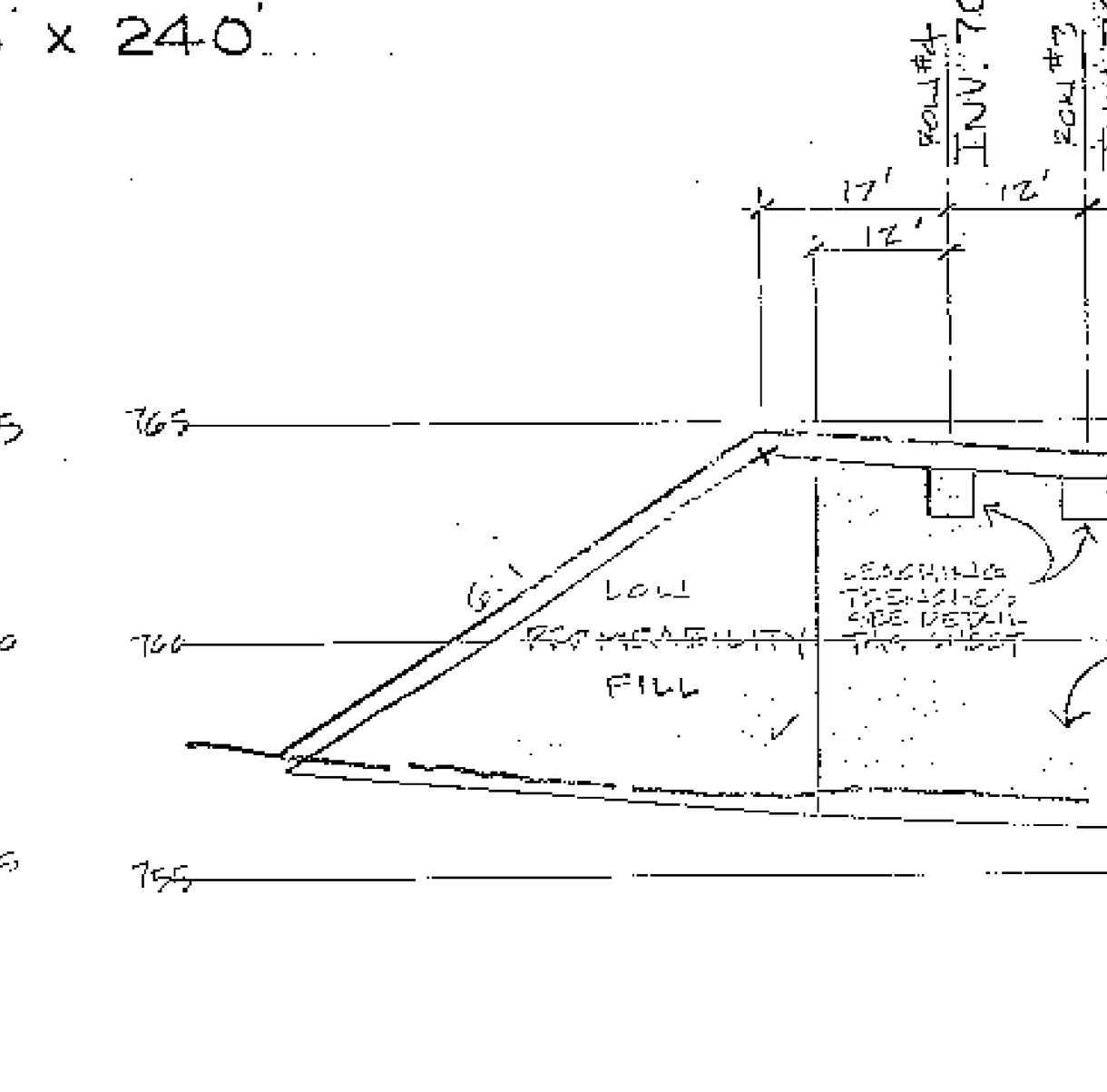


SECTION A-A
SYSTEM #1
SCALE 1"=20' HORIZ. 1"=5' VERT.

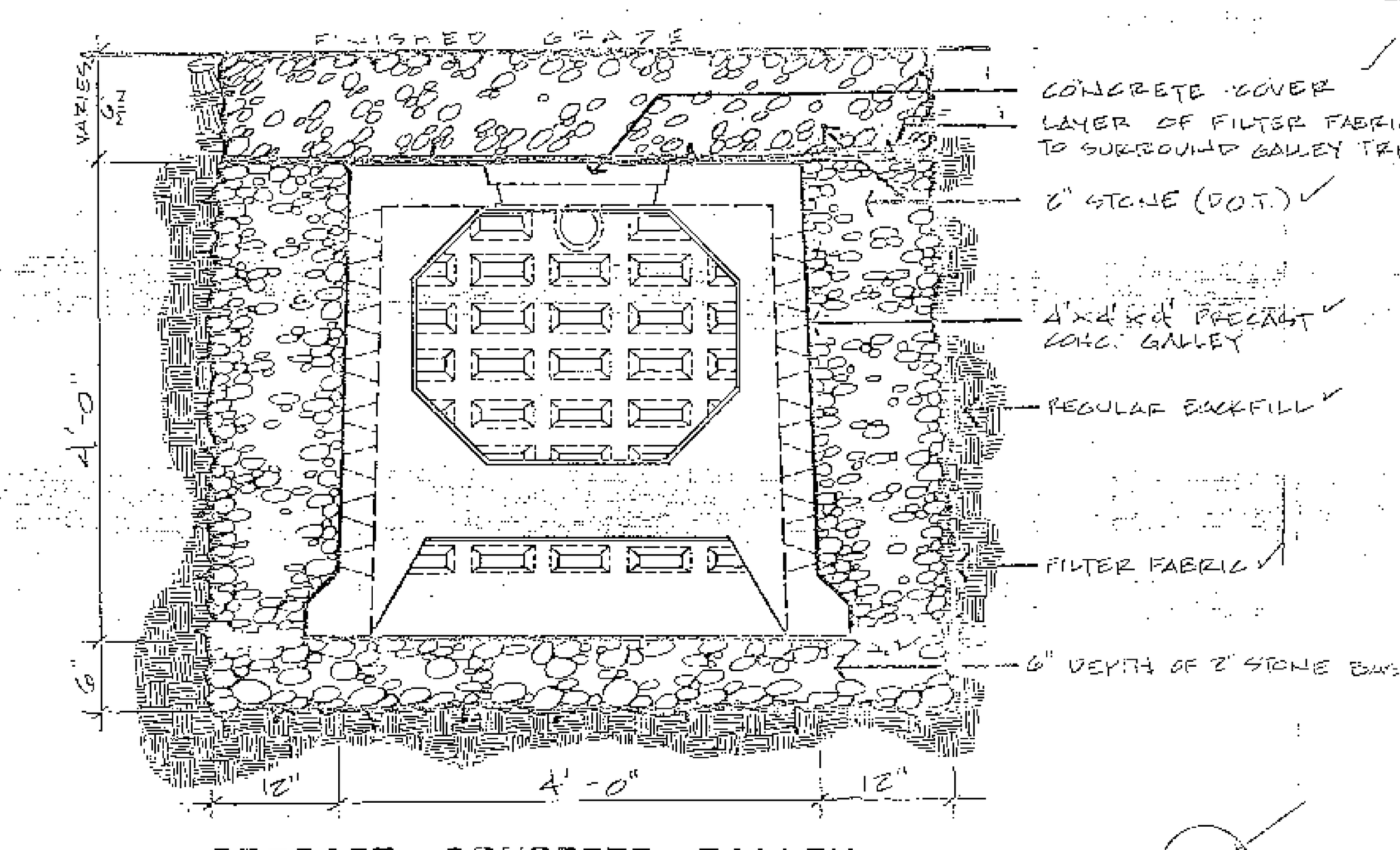
Gravel Pad for Septic Field #2, 135 x 240'



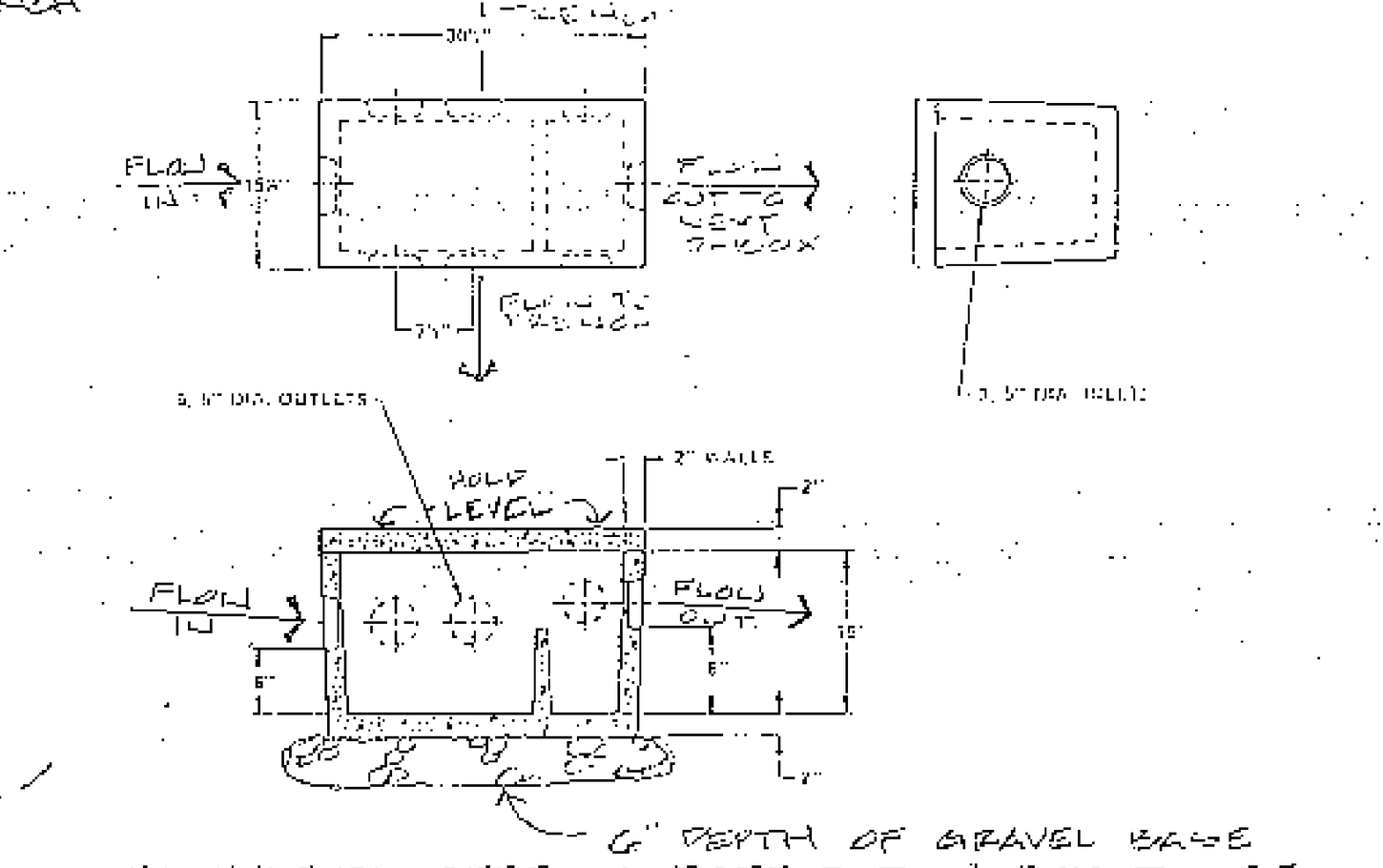
CROSS SECTION D-D
SYSTEM #2
SCALE 1"=20' HORIZ. 1"=5' VERT.



SECTION C-C
SYSTEM #2
SCALE 1"=20' HORIZ. 1"=5' VERT.

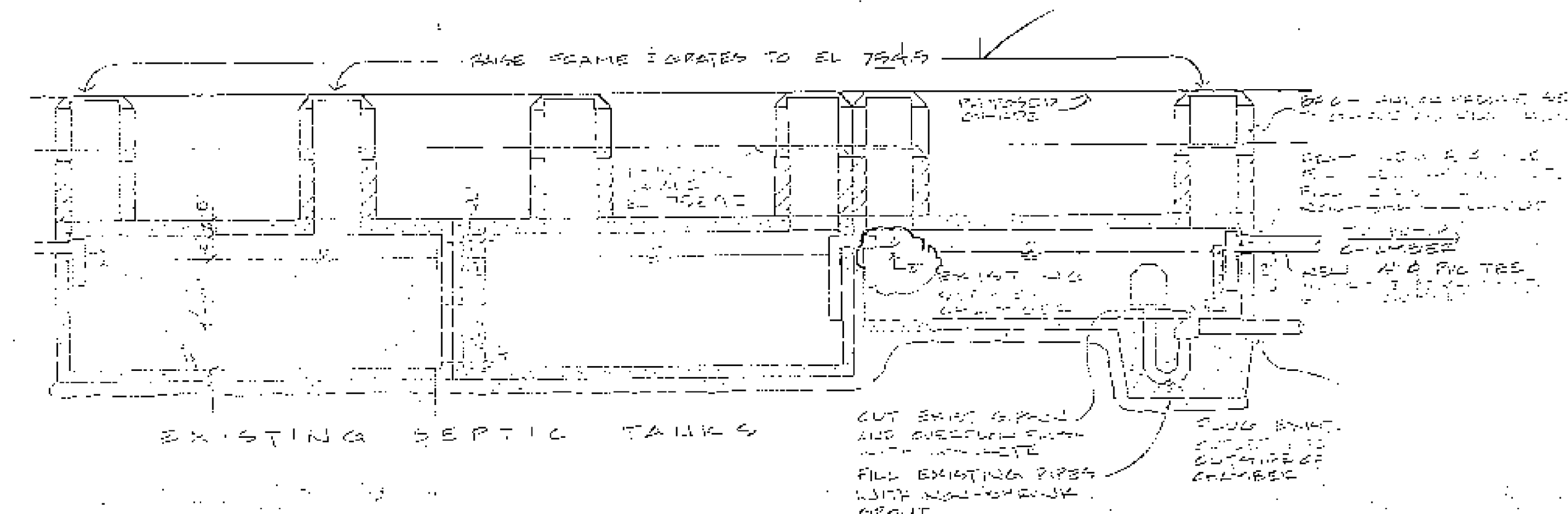


PRECAST CONCRETE GALLEY
Not to scale

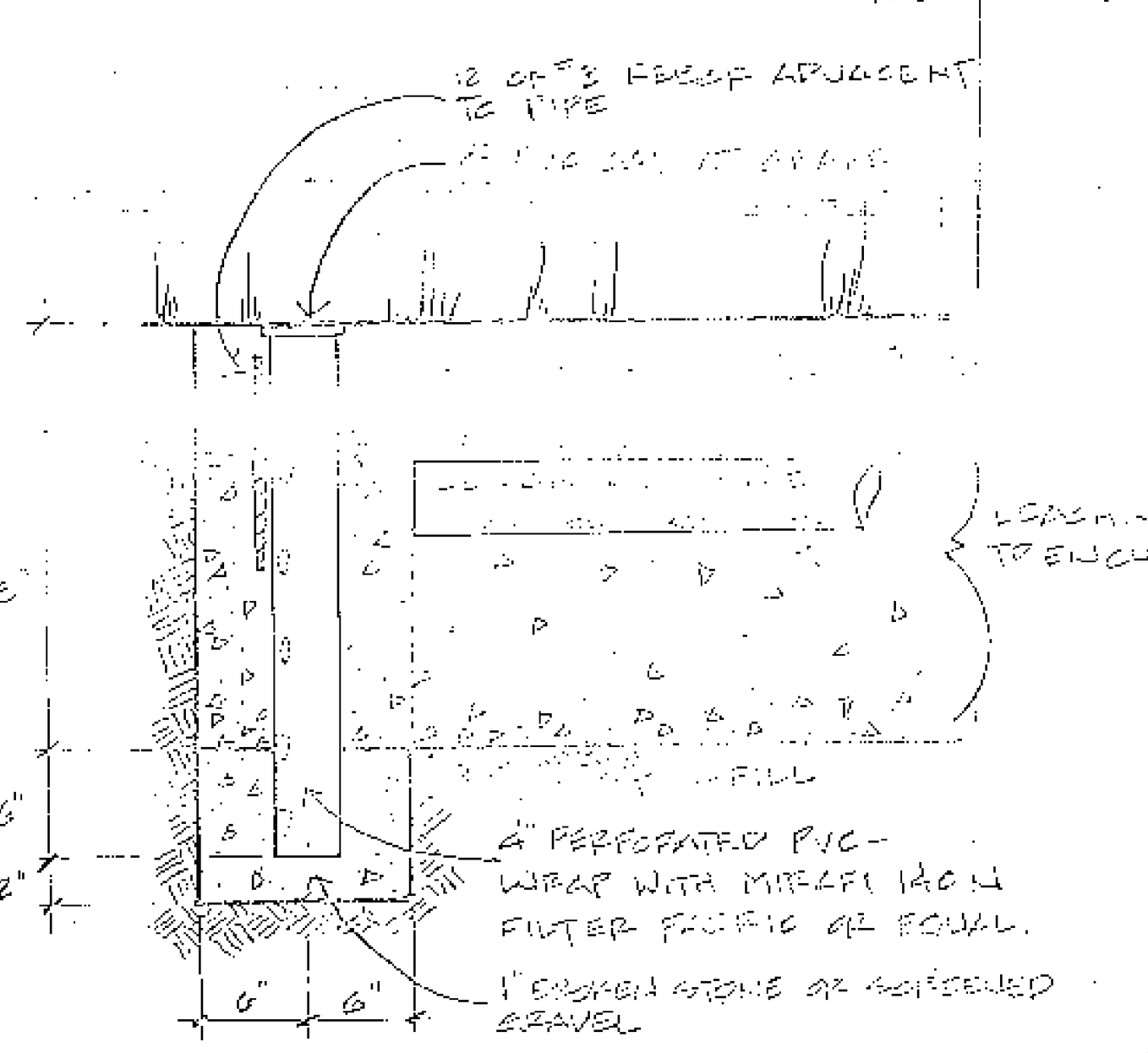


HIGH LEVEL OVERFLOW DISTRIBUTION BOX TO BE CAT. NO. DB-15 BY ROTONDO & SONS, INC. OR EQUAL

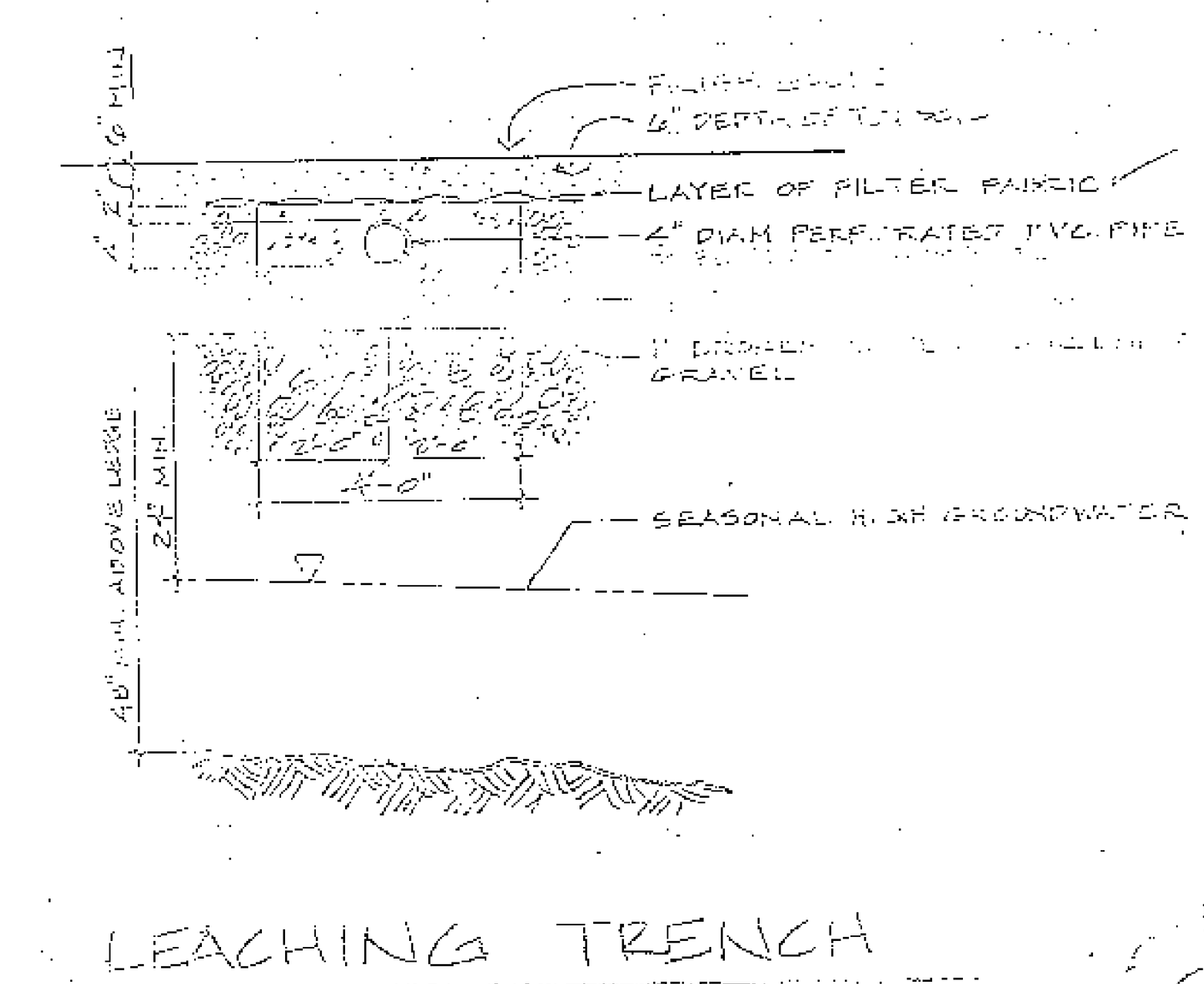
HIGH LEVEL OVERFLOW (H.L.O.) DISTRIBUTION BOX
NOT TO SCALE



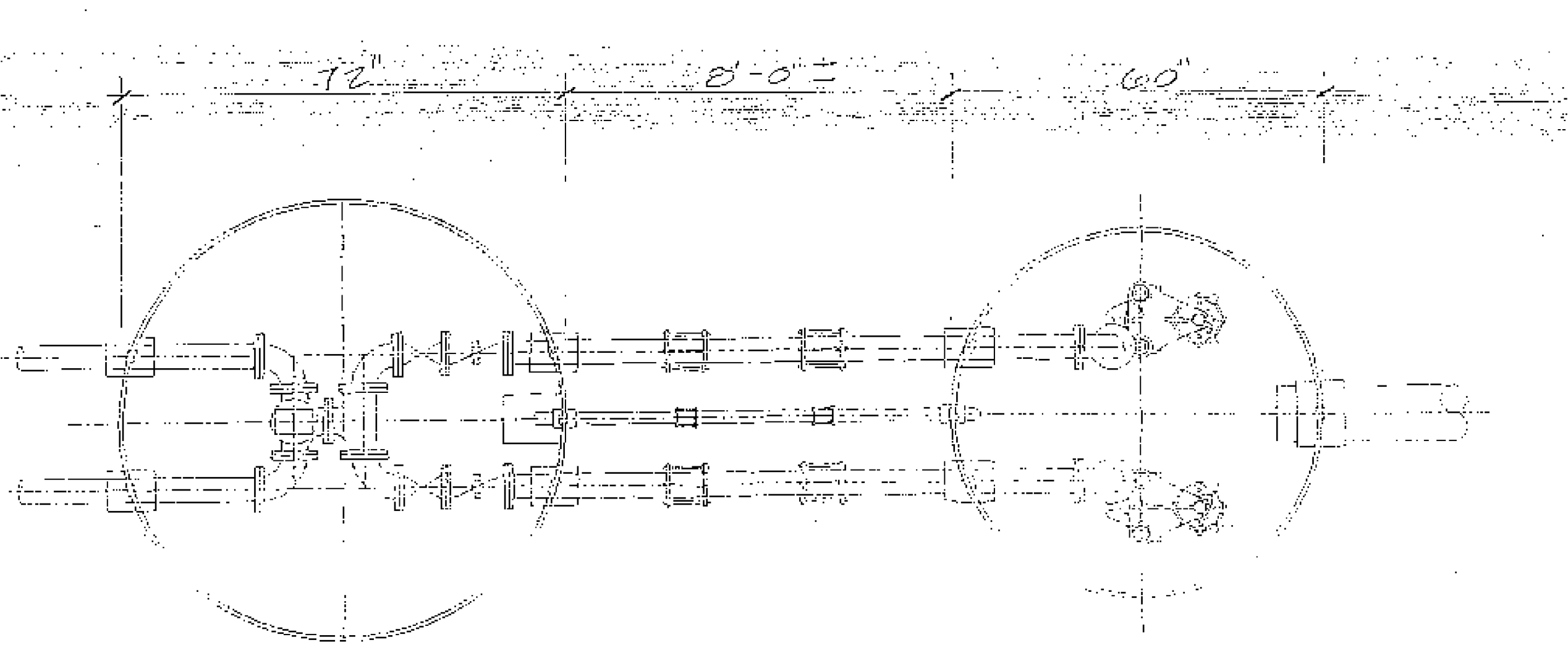
EXISTING SIPHON CHAMBER CONVERSION
NOT TO SCALE



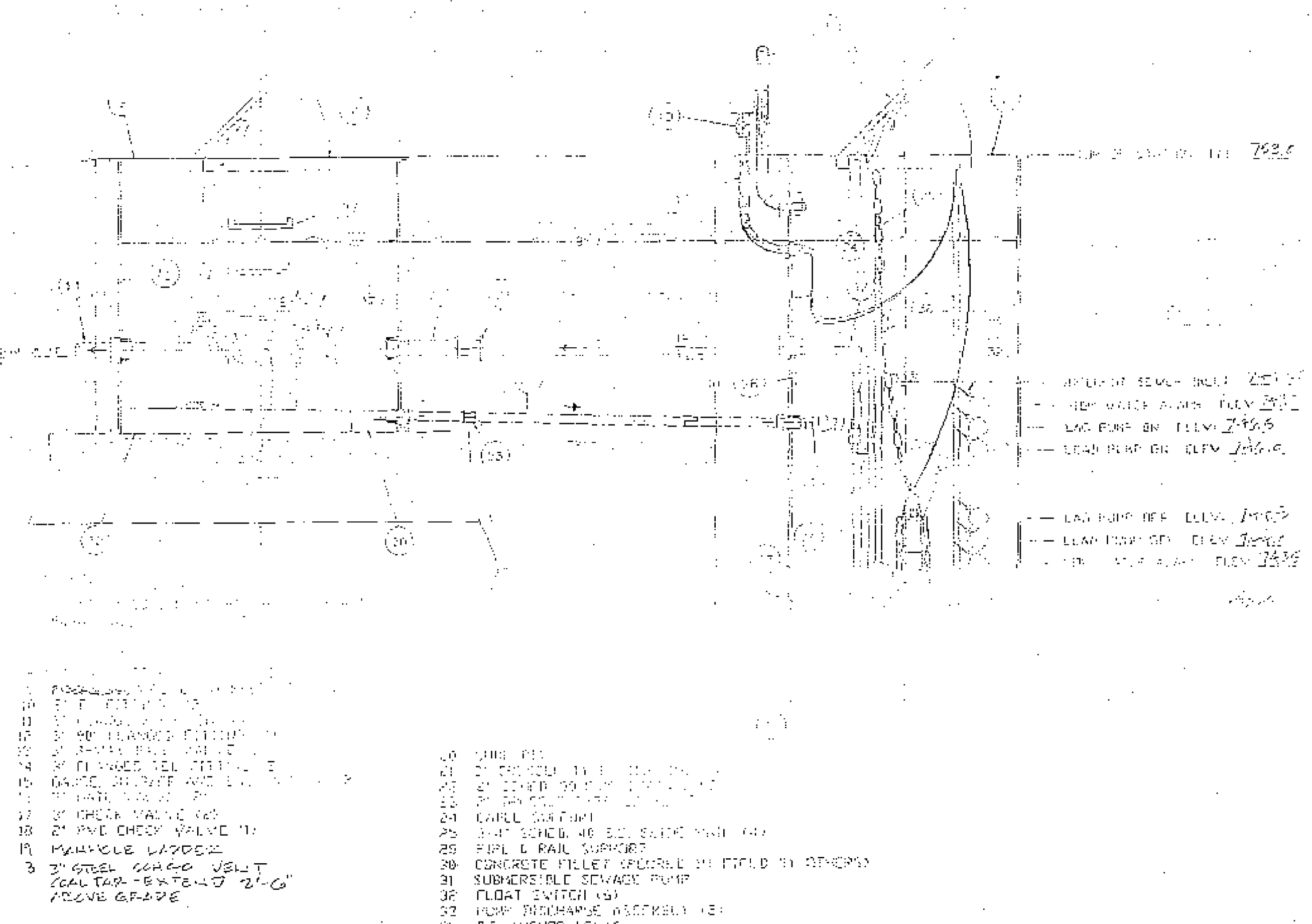
LEACHING TRENCH MONITORING WELL
NOT TO SCALE



LEACHING TRENCH
NOT TO SCALE



PLAN VIEW



Sanitary Pump & Valve Chamber
NOT TO SCALE

TMP land planners
222 McKee st. Manchester, CT.
Civil Engineering
Landscape Architecture
Land Planning

REVISIONS

NO.	DATE	DESCRIPTION
	5-19-92	SEPTIC REVISION
	7-31-92	GRADING & GALLERIES

PROJECT TITLE: ALTERATIONS AND ADDITIONS TO : BOLTON EL... NTARY SCHOOL, NOTCH ROAD, BOLTON, CONN...

PROJECT NUMBER: 2155.01

DRAWING TITLE: SEPTIC SYSTEM