

Drip Design Soil Data

Client: BARRINGTON HOMES
Address: SUBLOT 22 CHAPIN LEDGES
KIRTLAND, OH 44094

Soils By: FLOYD McCLEARY
Soil Boring #: 1 12" Limiting Layer

Basal Loading Rate

Texture: SIL Shape: GR Grade: 2 = 0.8 gal/day/sq.ft. (800 < 30 MG/L)

Linear Loading Rate

Grade= .0-4% Infiltration Distance= 12"-24"= 3.0 gal/day/ft.
4 Bedroom home = (4)(120 gpd) = 480 gpd
Actual linear loading rate 3.0 gal/day/ft

Basal Area Required (Design)

480 gpd= 600 ft² min basal area
0.8

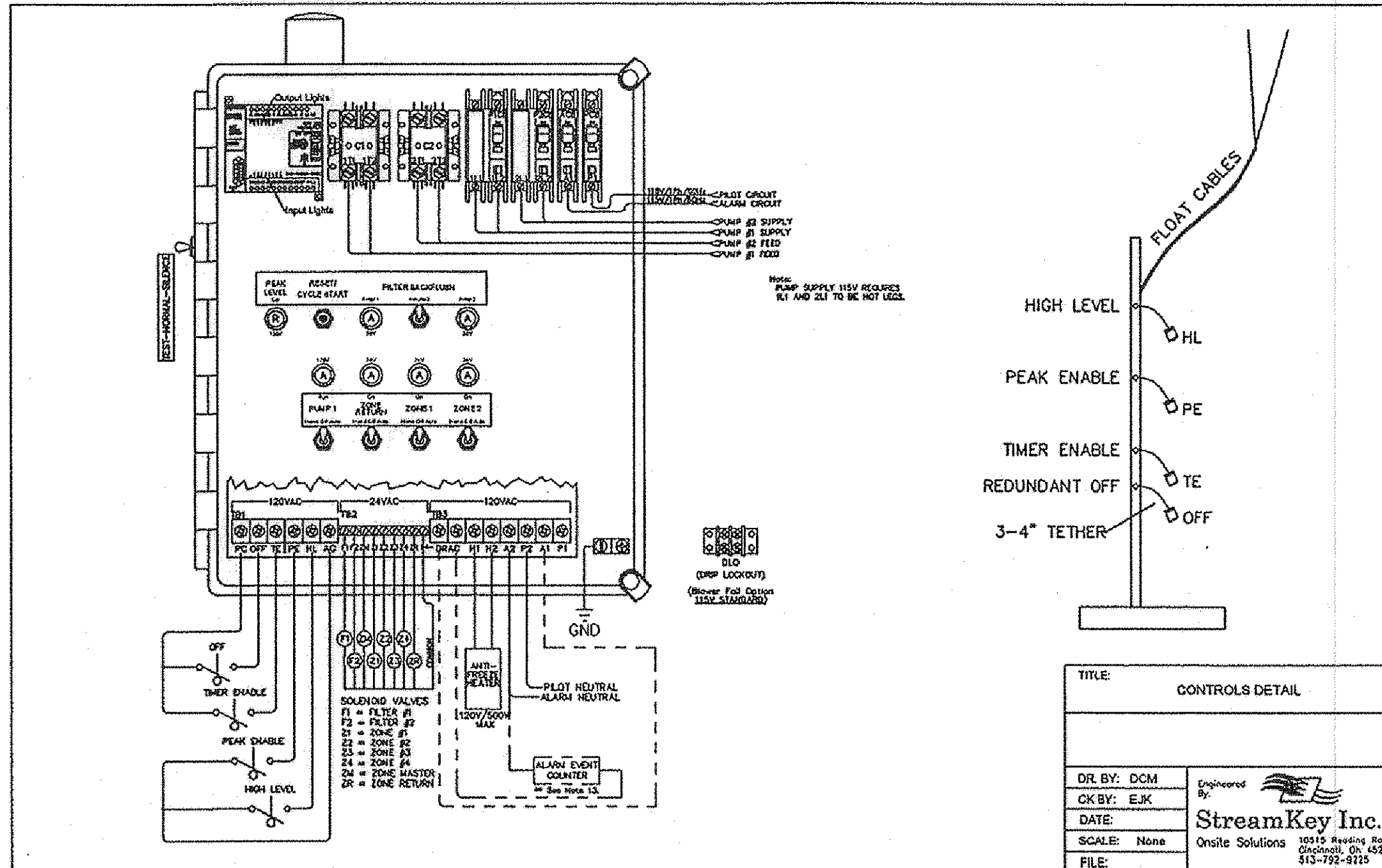
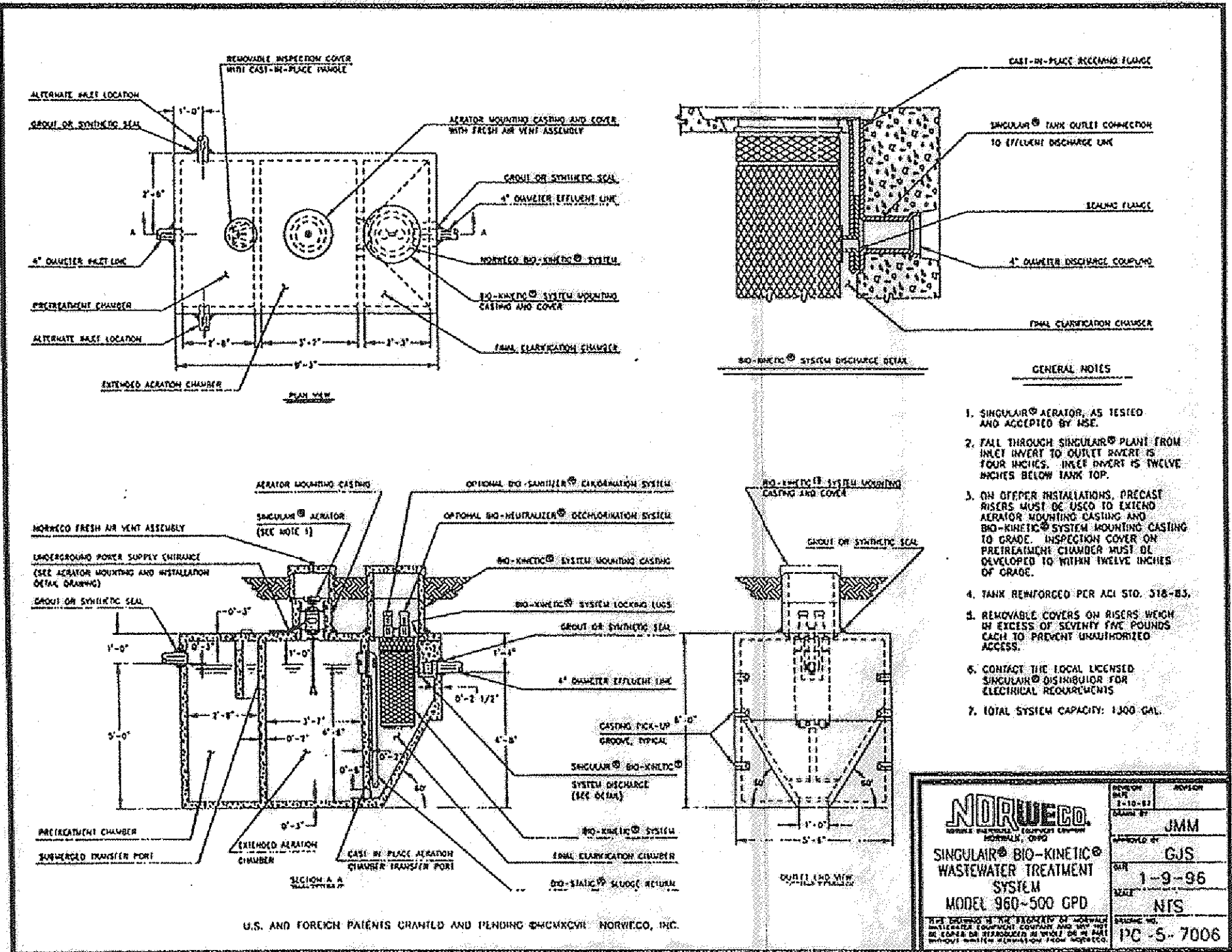
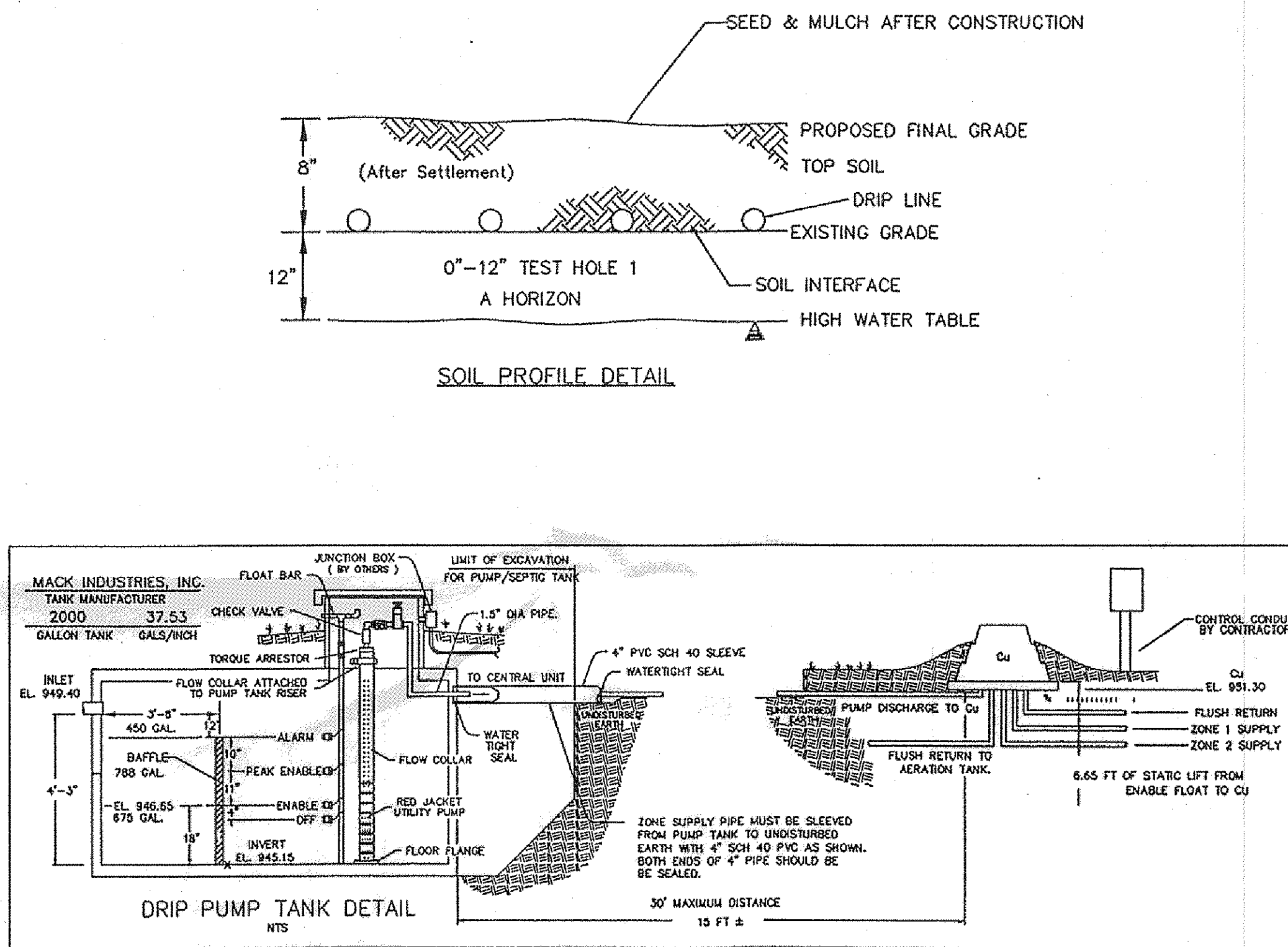
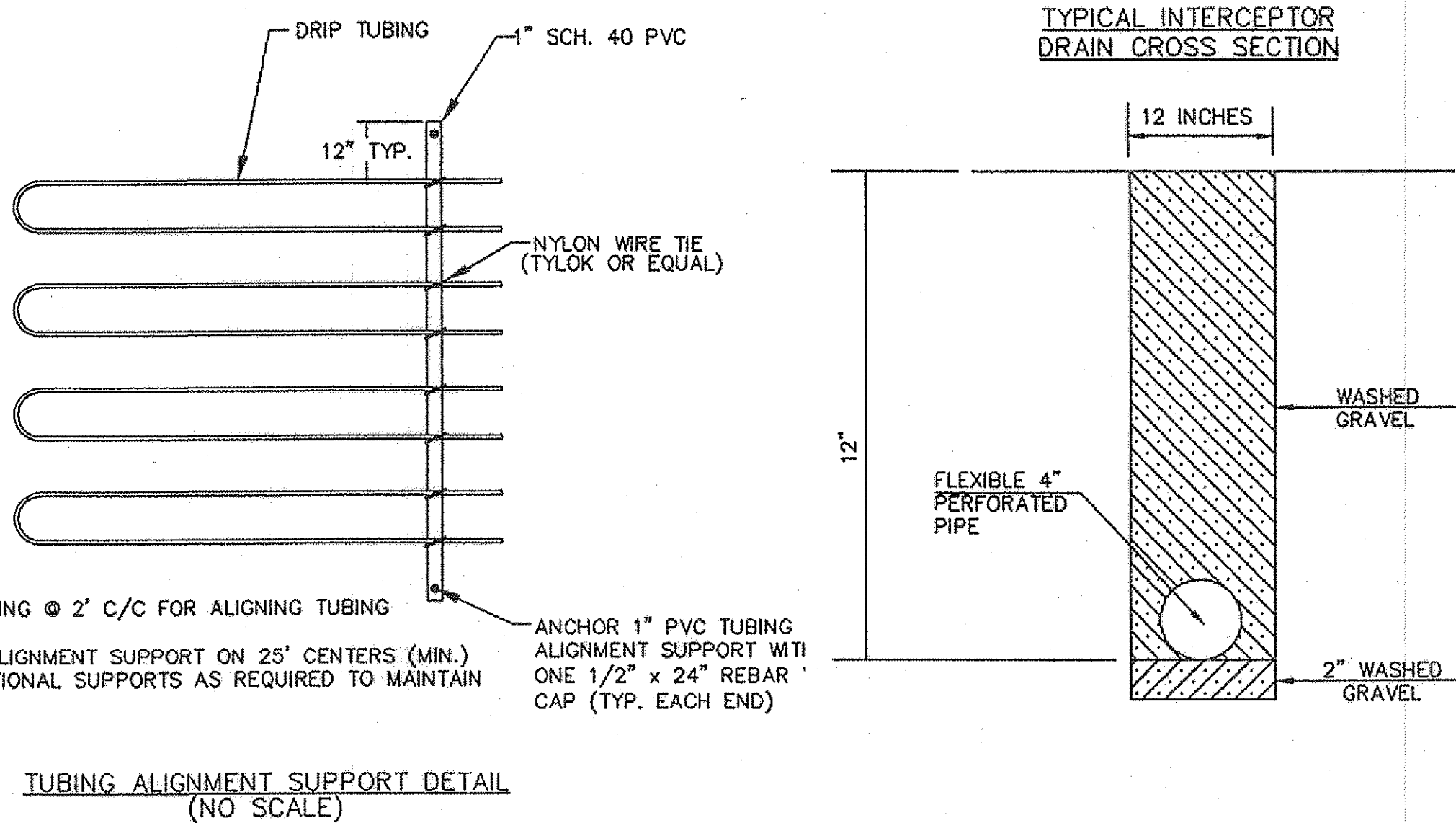
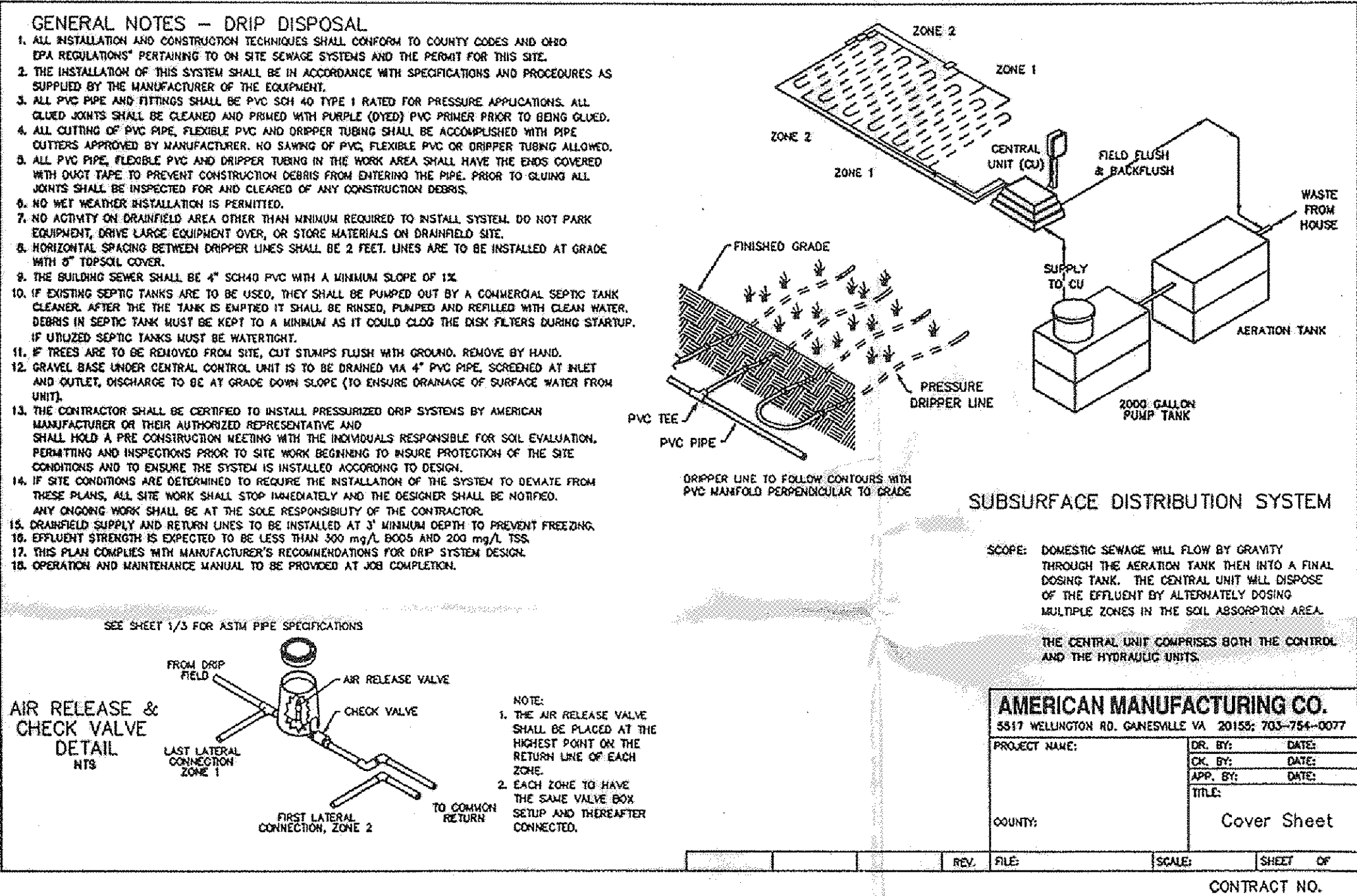
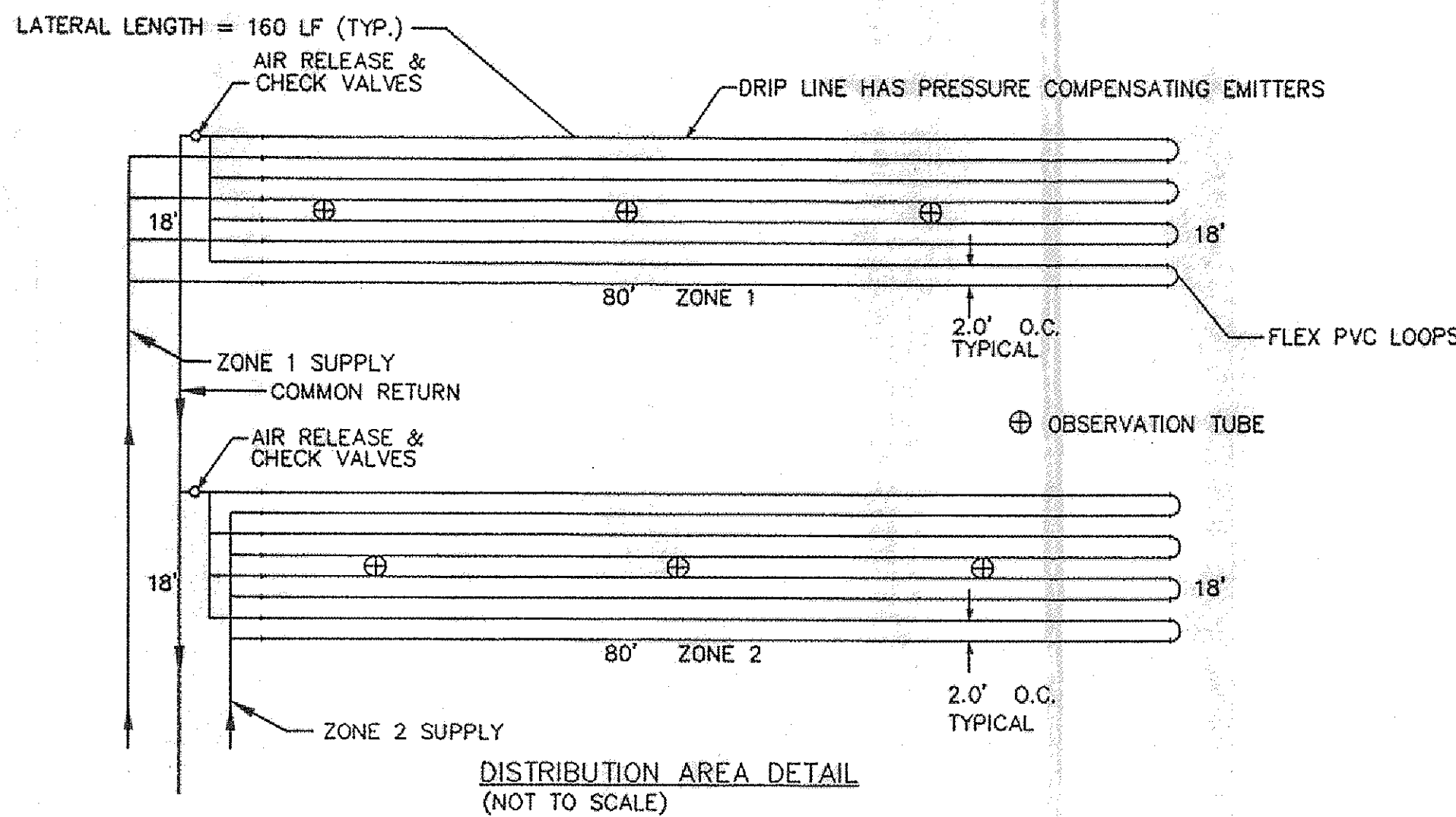
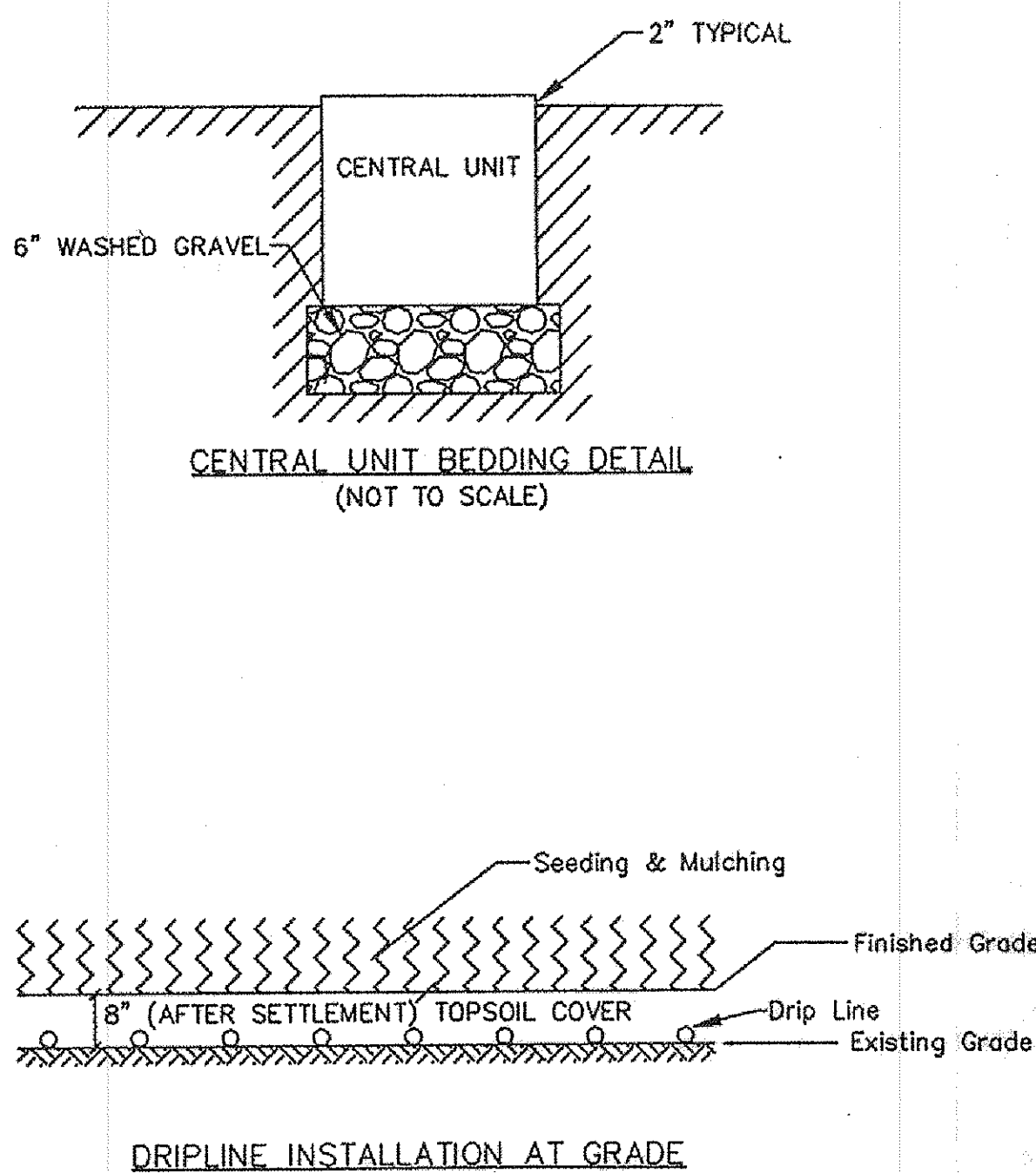
Landscape Linear Load (Design)

480 gpd= 160 feet total minimum length required
3.0 160 feet Provided

Minimum Width of Basal Area (Design)

600 ft²= 3.75 ft.
160

Basal Area Provided (160)(16) = 2560 ft²
600 ft² required
Actual Basal Loading Rate 0.19 gal/day/ft²



Revisions:
2
3
4
5
6
7

BARRINGTON HOMES
S/L 22
CHAPIN LEDGES SUBDIVISION
KIRTLAND - COUNTY OF LAKE, OHIO

GUTOSKEY & ASSOCIATES, INC.
Civil Engineers, Surveyors and Land Planners
17076 MONY ROAD, SUITE 1
CHAGIN FALLS, OHIO 44023
Tel (440) 543-0900
Fax (440) 543-7176

NOTES & DETAILS

Date: JUNE, 2011
Scale: Hor. N/A
Vert. N/A
Drawn By: G.A.
Checked By: J.G.
F.B. #:
Sheet 2 Of 3
CONTRACT No. 11-2622