

Drip Design Soil Data

Client: LARRY BLOCH BUILDERS
Address: SUBLOT 17 CHAPIN LEDGES
KIRTLAND, OH 44094

Soils By: FLOYD McCLEARY
Soil Boring #: 3 9" Limiting Layer

Basal Loading Rate

Texture: SIL Shape: GR Grade: 2 = 0.6 gal/day/sq.ft. (800 > 30 MG/L)

Linear Loading Rate

Grade= 0-4% Infiltration Distance= 8"-12" = 2.7 gal/day/ft.

4 Bedroom home = (4) (120 gpd) = 480 gpd
Actual linear loading rate 2.67 gal/day/ft

Basal Area Required (Design)

480 gpd= 800 ft² min basal area
0.6

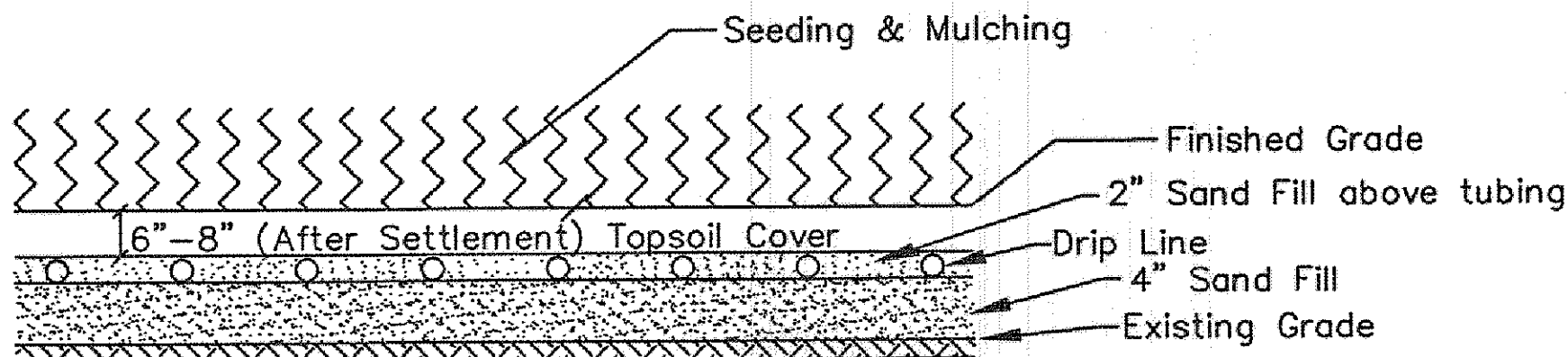
Landscape Linear Load (Design)

480 gpd= 178 feet total minimum length required
2.7 180 feet Provided

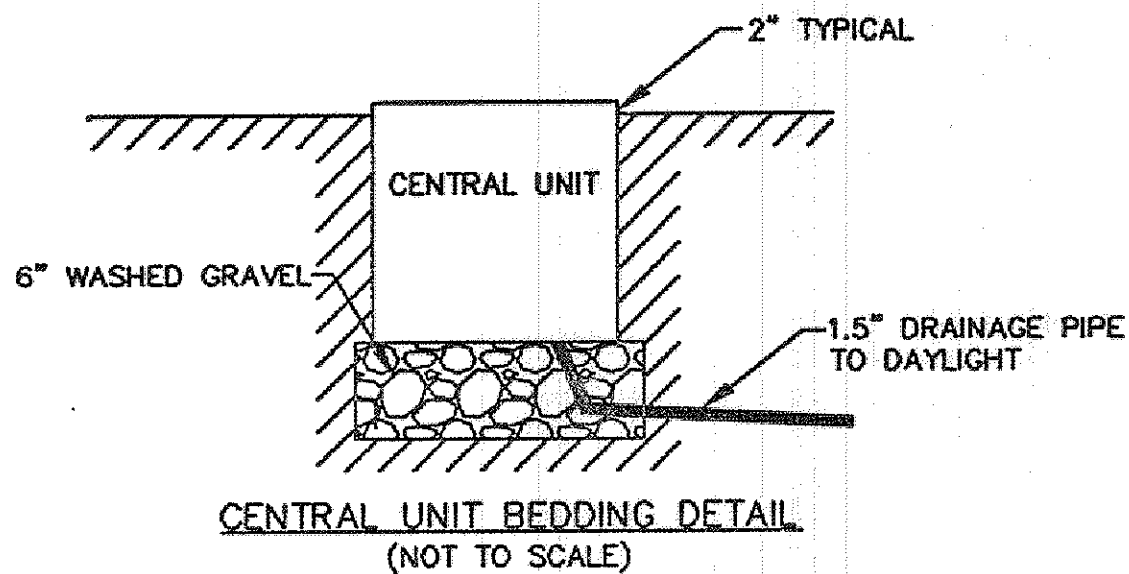
Minimum Width of Basal Area (Design)

800 ft²= 4.44 ft.
180

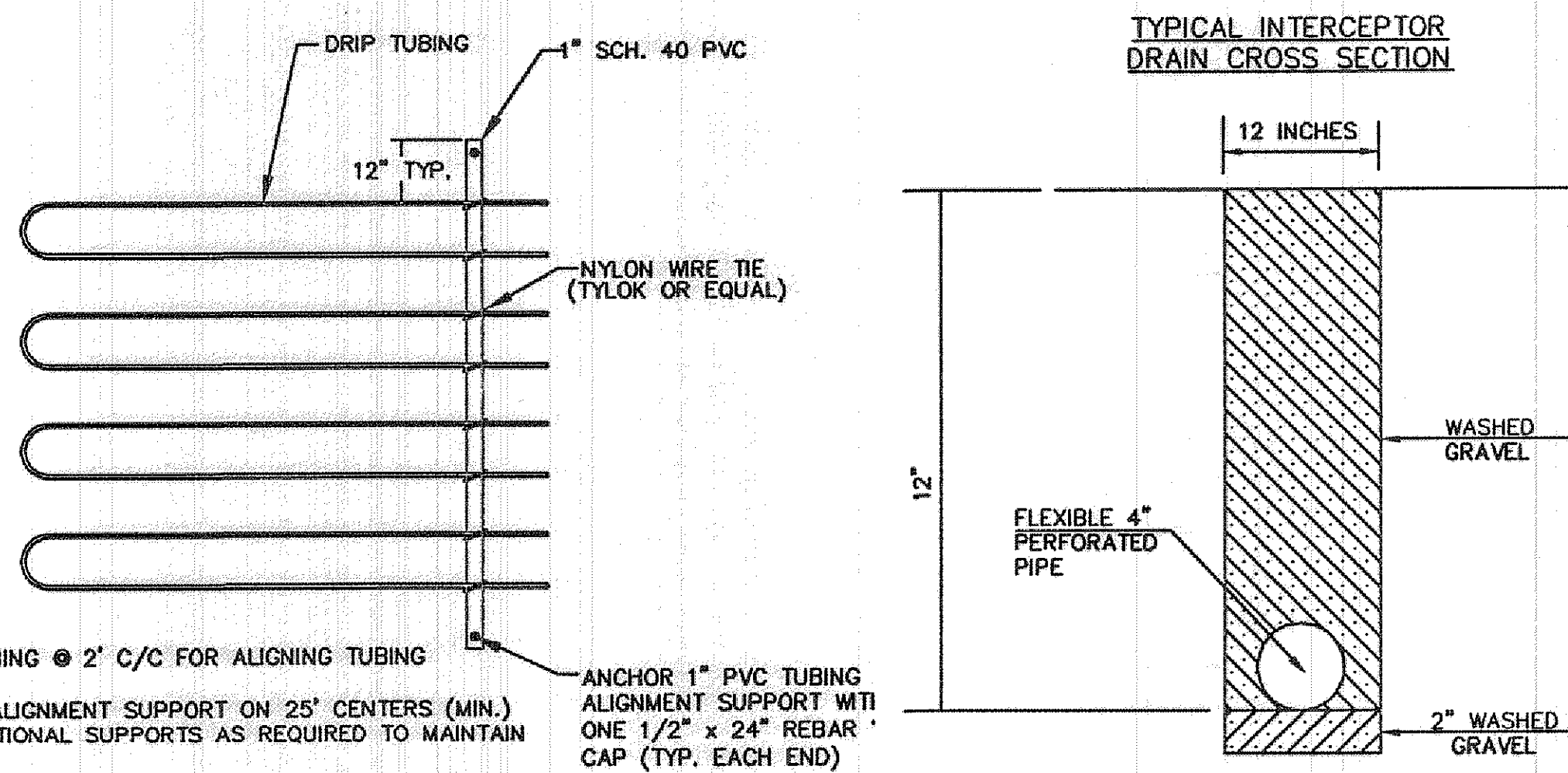
Basal Area Provided (180) (16) = 2880 ft²→
800 ft² required
Actual Basal Loading Rate 0.17 gal/day/ft²



DRIPLINE INSTALLATION WITH SAND FILL

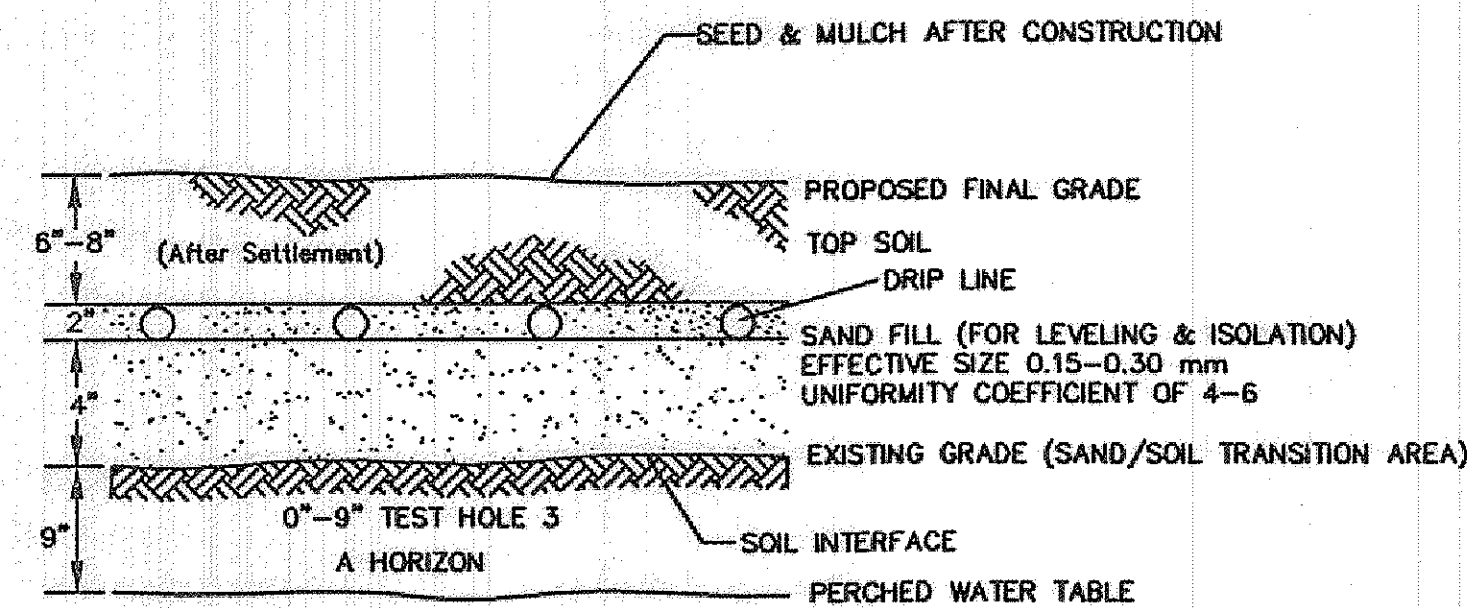


CENTRAL UNIT BEDDING DETAIL
(NOT TO SCALE)

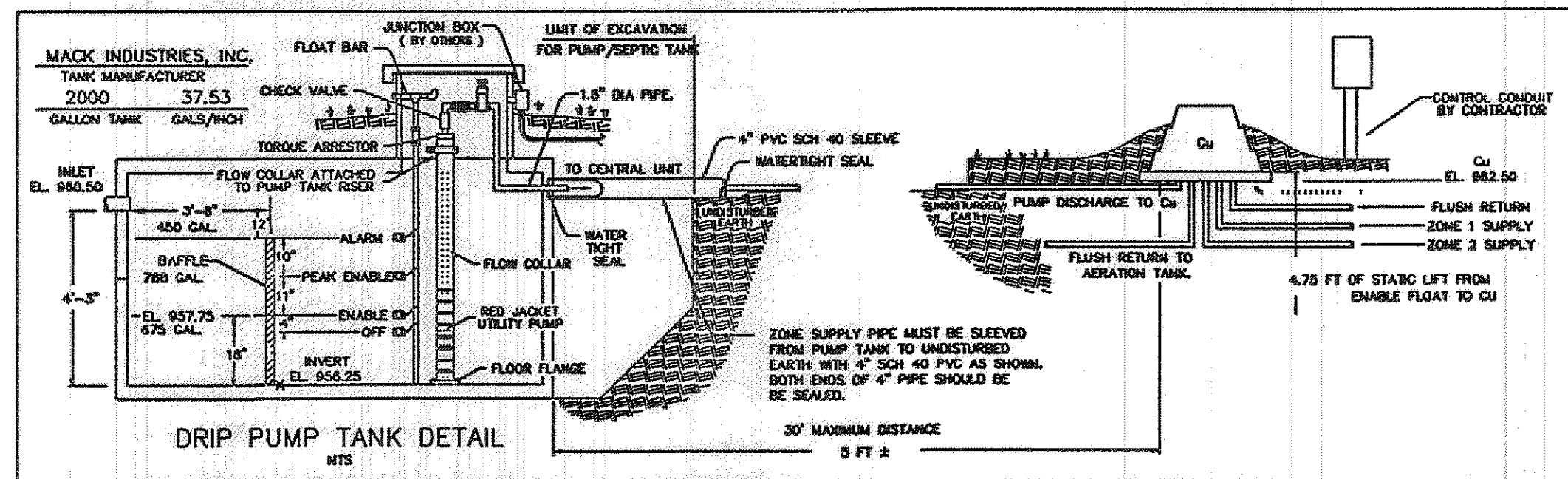


- 1.) MARK TUBING @ 2' C/C FOR ALIGNING TUBING
- 2.) INSTALL ALIGNMENT SUPPORT ON 25' CENTERS (MIN.)
INSTALL ADDITIONAL SUPPORTS AS REQUIRED TO MAINTAIN ALIGNMENT

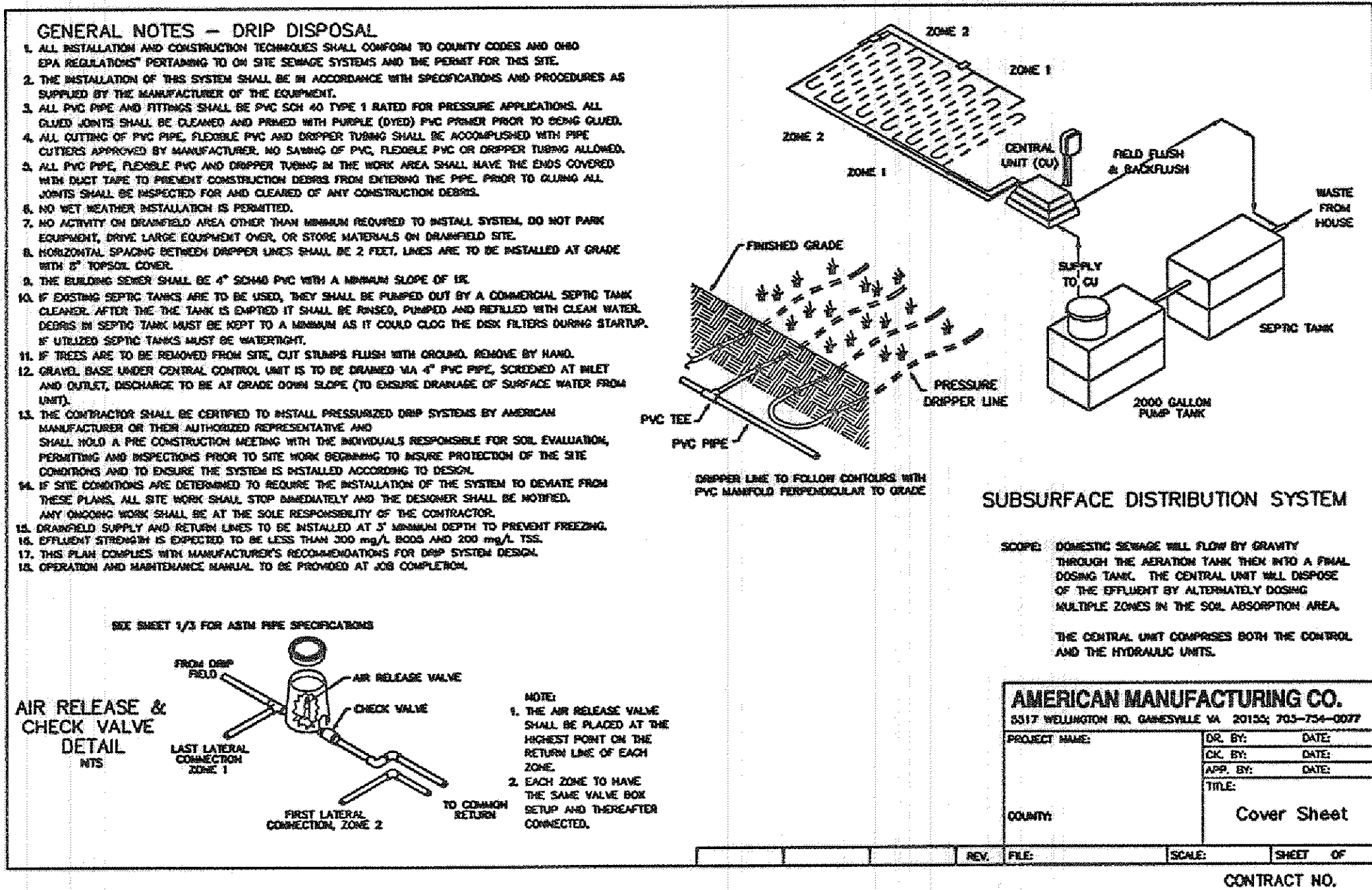
TUBING ALIGNMENT SUPPORT DETAIL
(NO SCALE)



SOIL PROFILE DETAIL



DRIPLINE PUMP TANK DETAIL
MIS

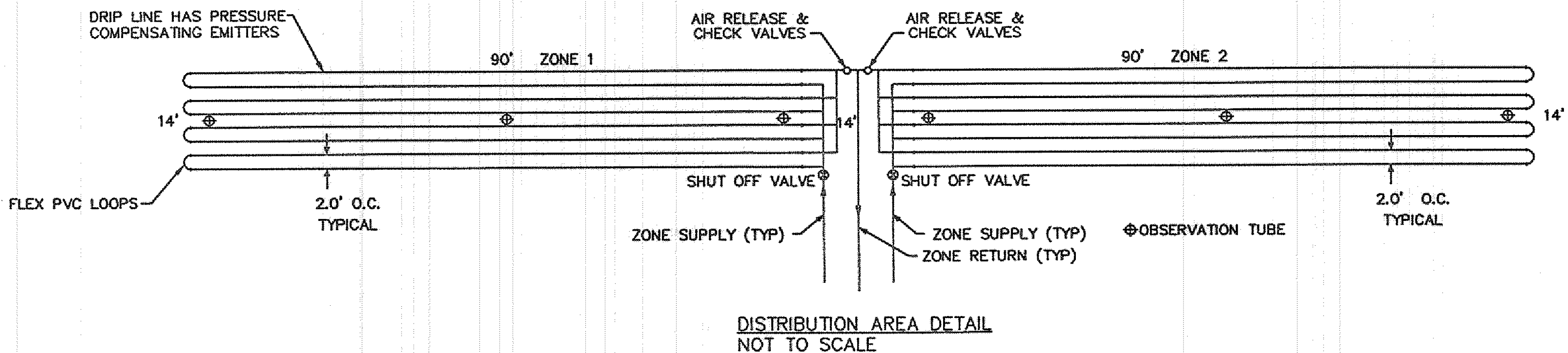


SUBSURFACE DISTRIBUTION SYSTEM

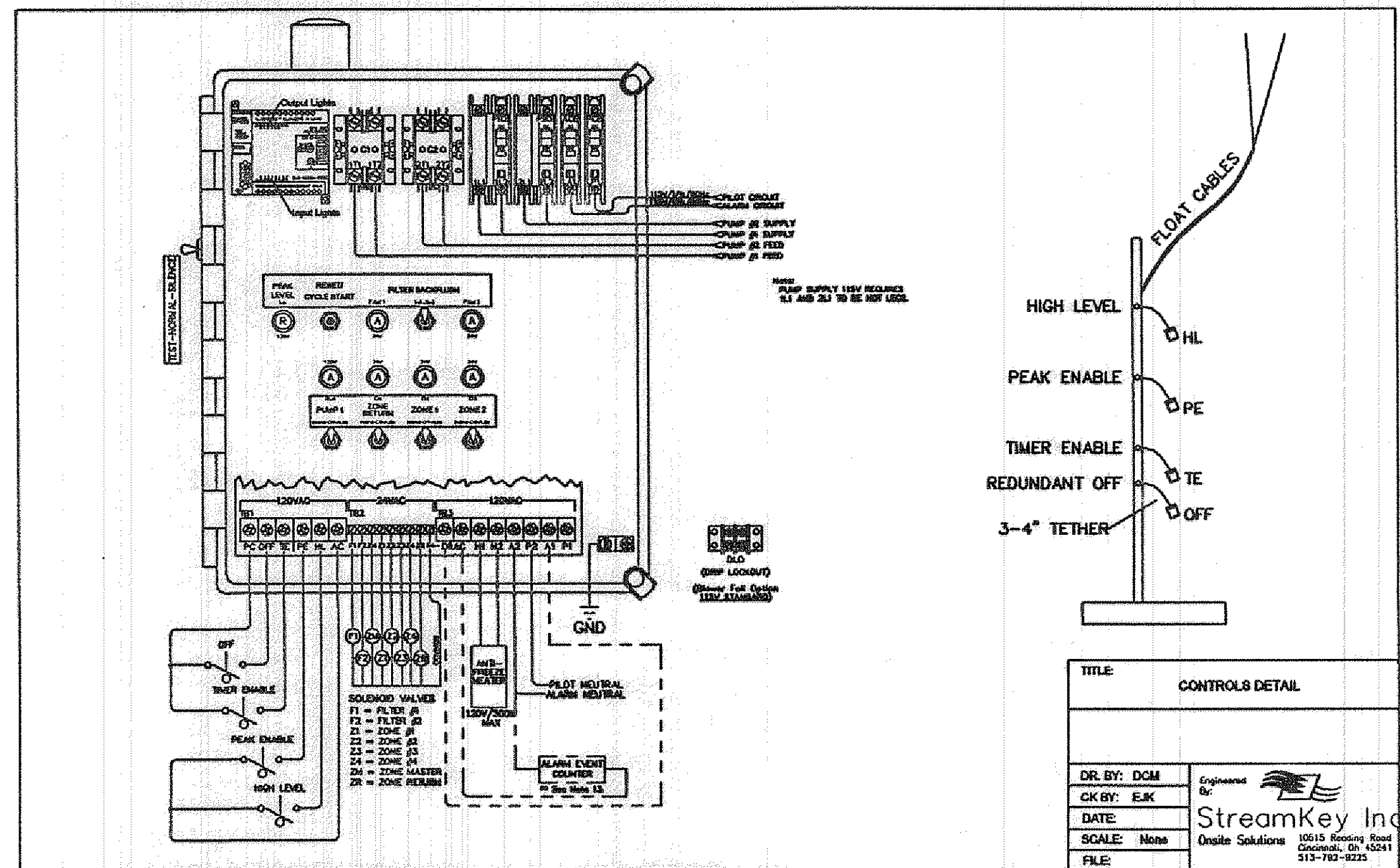
AMERICAN MANUFACTURING CO.
5317 WELLINGTON RD. GAINESVILLE, VA 20153, 703-754-0077

PROJECT NAME: DATE: DR. BY: DATE: CK. BY: DATE: CDP. BY: DATE: TITLE: COVER SHEET

CONTRACT NO.



DISTRIBUTION AREA DETAIL
NOT TO SCALE



TITLE: CONTROLS DETAIL
DR. BY: DCM
CK. BY: EAK
DATE: 12/12/2012
SCALE: None
FILE: 12-2759-02

Revisions:

1	
2	
3	
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LARRY BLOCH BUILDERS
S/L 17
CHAPIN LEDGES SUBDIVISION
KIRTLAND - COUNTY OF LAKE, OHIO

GUTOSKEY & ASSOCIATES INC.
Civil Engineers, Surveyors and Land Planners
10155 GOTTSCALK PIKE, STE 4
CHAGIN FALLS, OHIO 44023
Tel (440) 543-8900
Fax (440) 543-7176

NOTES & DETAILS

Date: DEC. 2012
Scale: Hor. N/A
Ver. N/A
Drawn By: G.A.
Checked By: J.G.
F.B. #:
Sheet 2 Of 3
CONTRACT No. 12-2759