

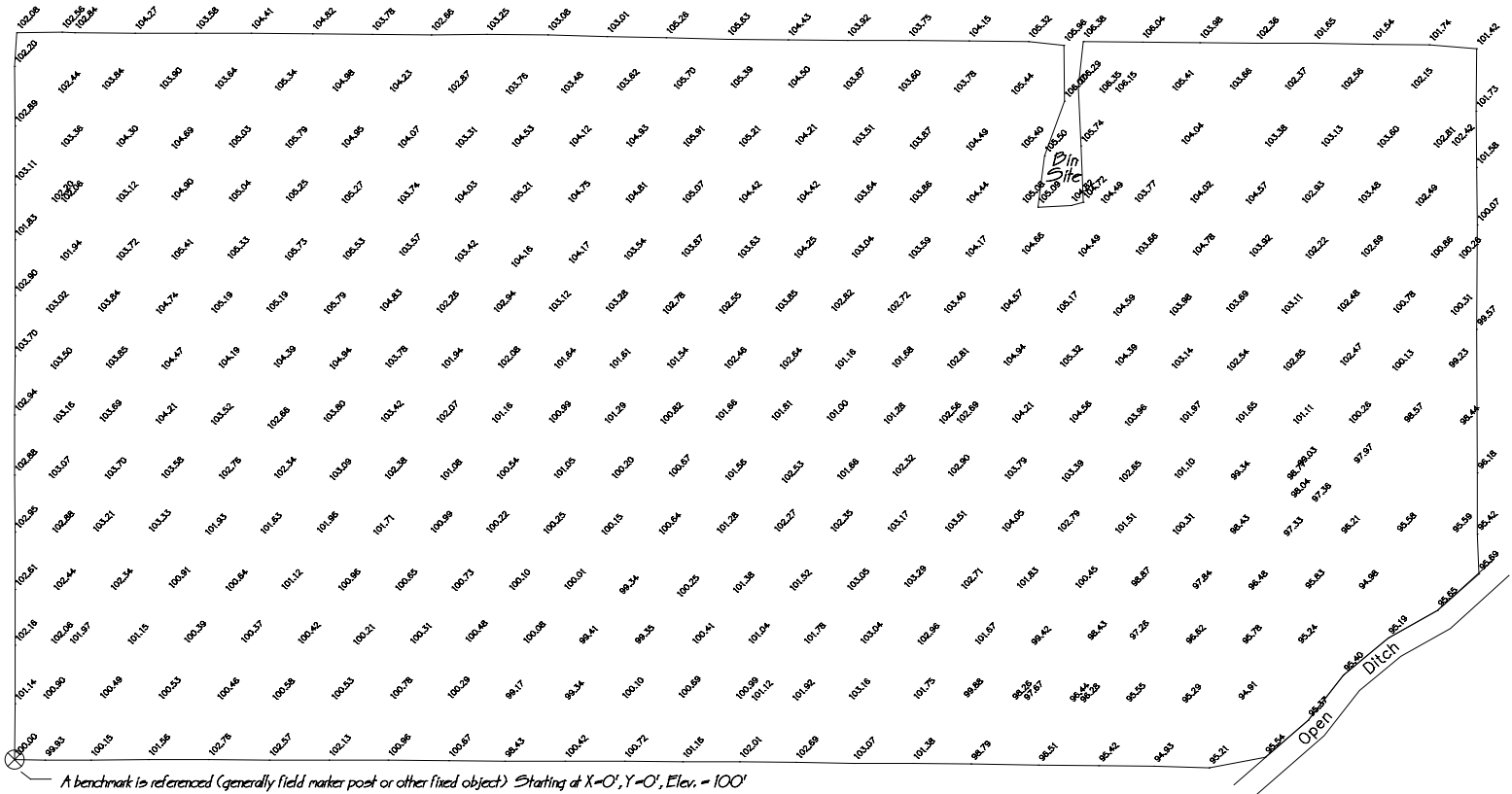
"The Steps to a Proper Drainage Installation"



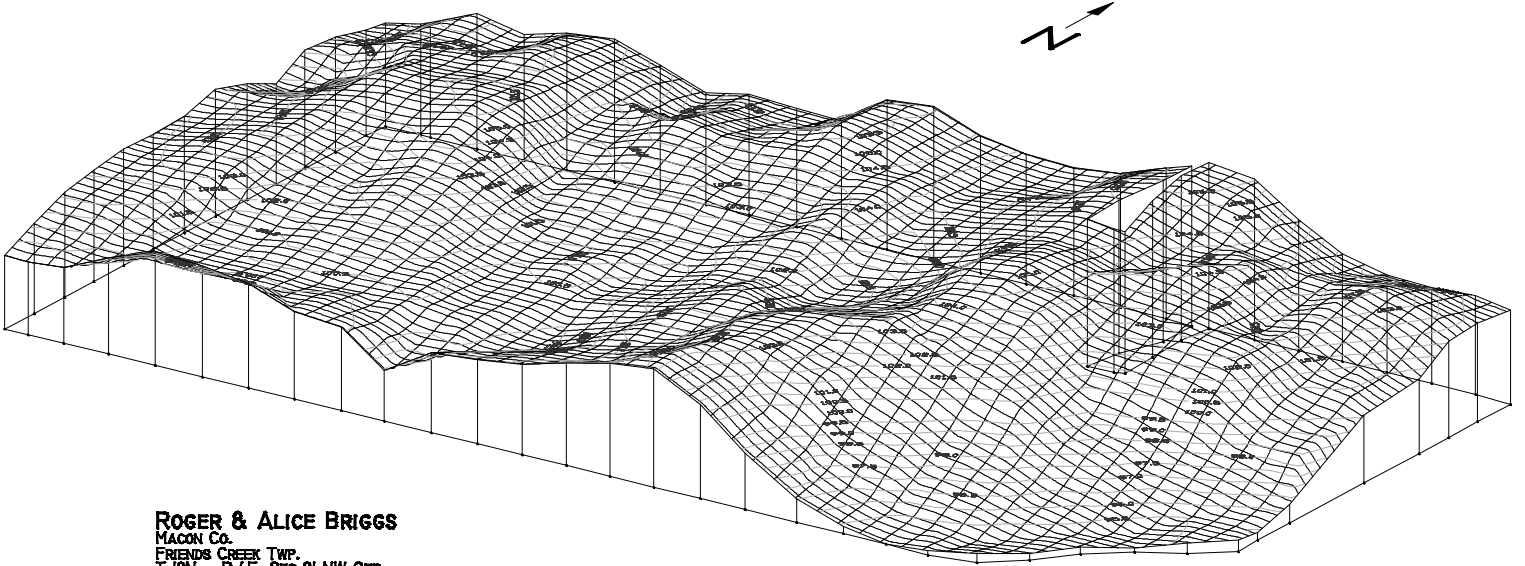
Step #1: Survey Field

- Field Survey using RTK GPS
- Survey conducted on 100' X 100' Grid

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Friends Creek Twp.
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STEP #2B: CREATE FIELD 3D REPRESENTATION

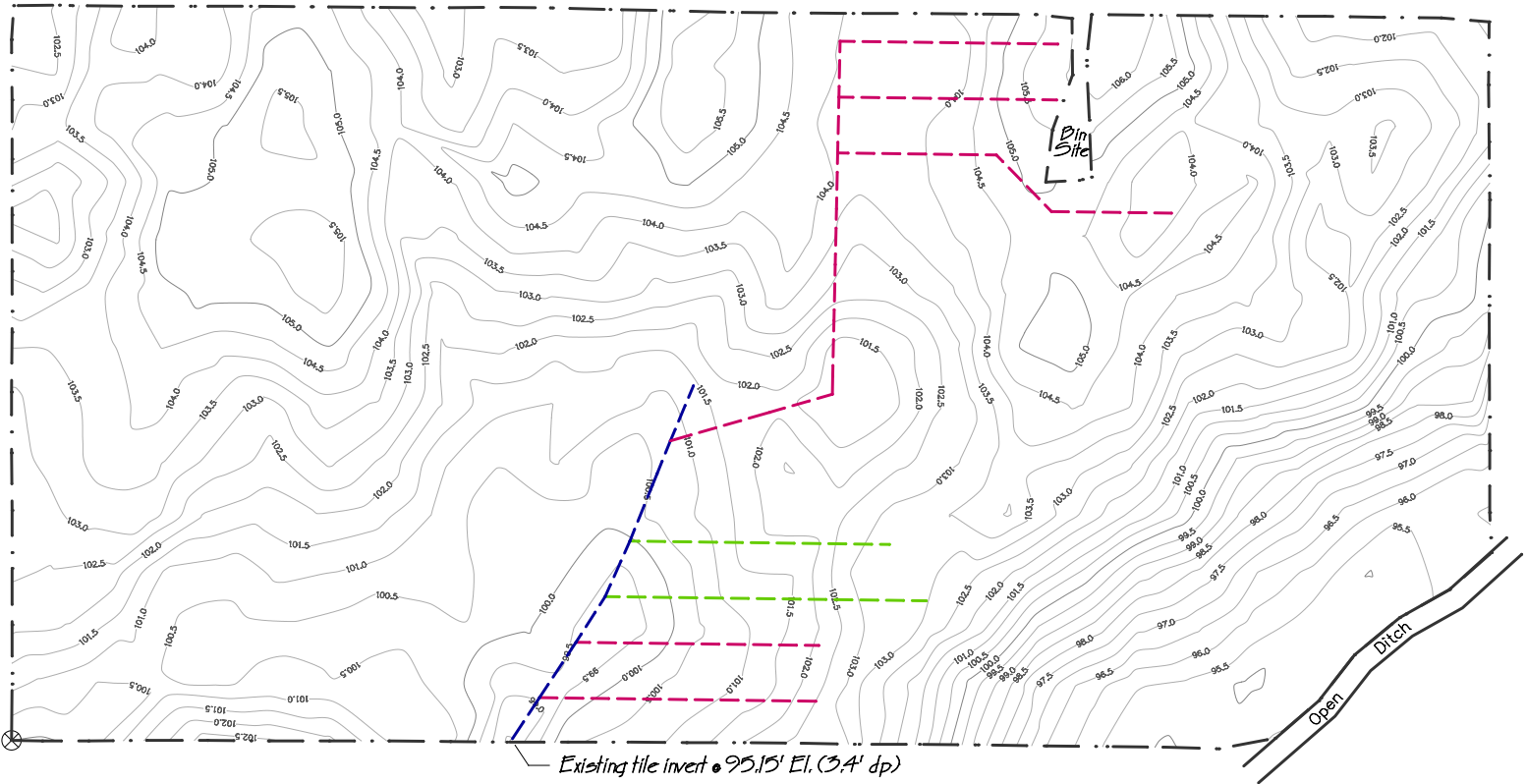


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FRIENDS CREEK TWP.
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Step #3: Incorporate existing known tile

- Before design proposal, known tile to be utilized is overlaid onto field.
- Know tile from prior installation maps, exploratory probing/digging, and/or District tile maps.

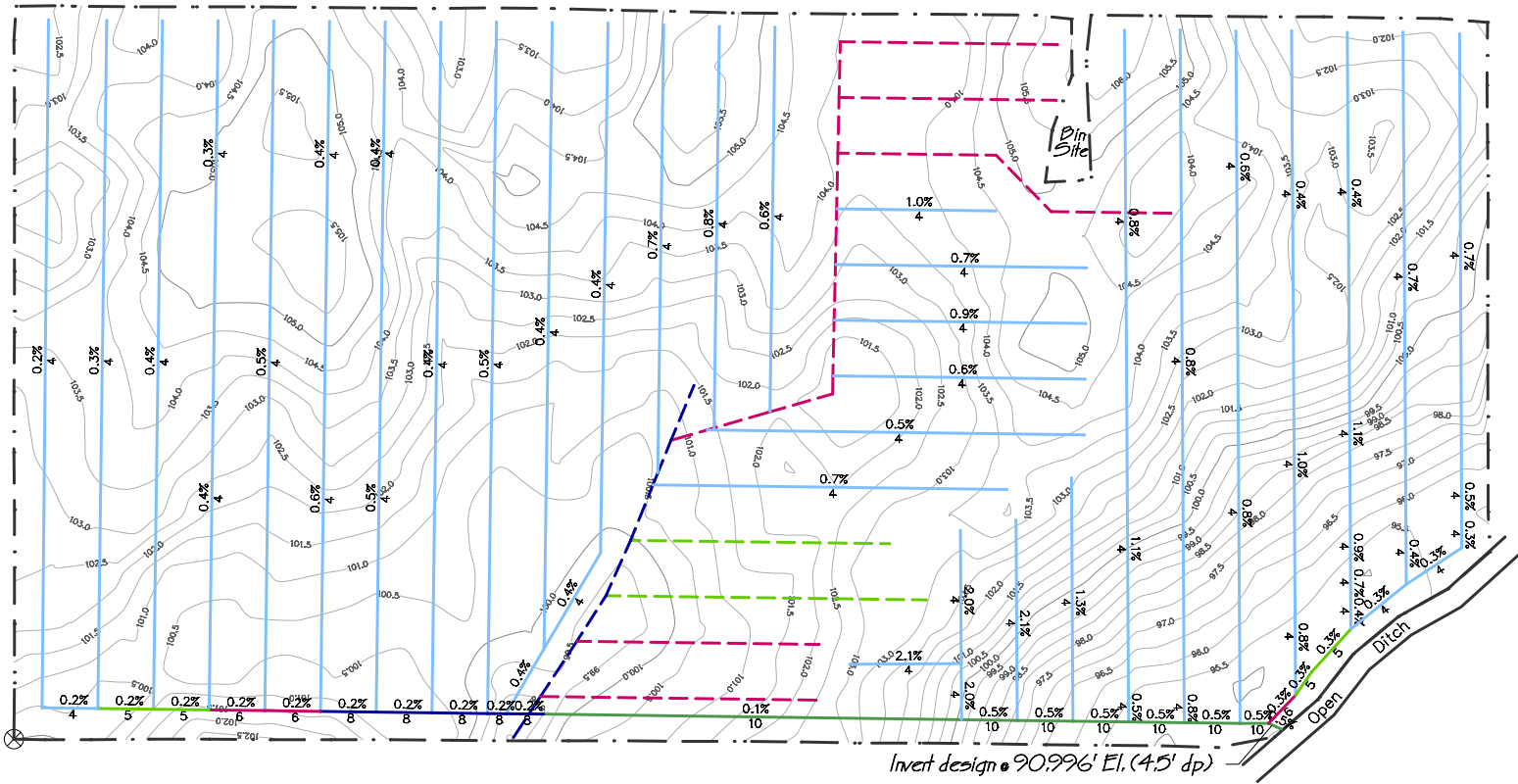
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Step #4: Design New System Proposal

— Utilize existing systems and incorporate when possible

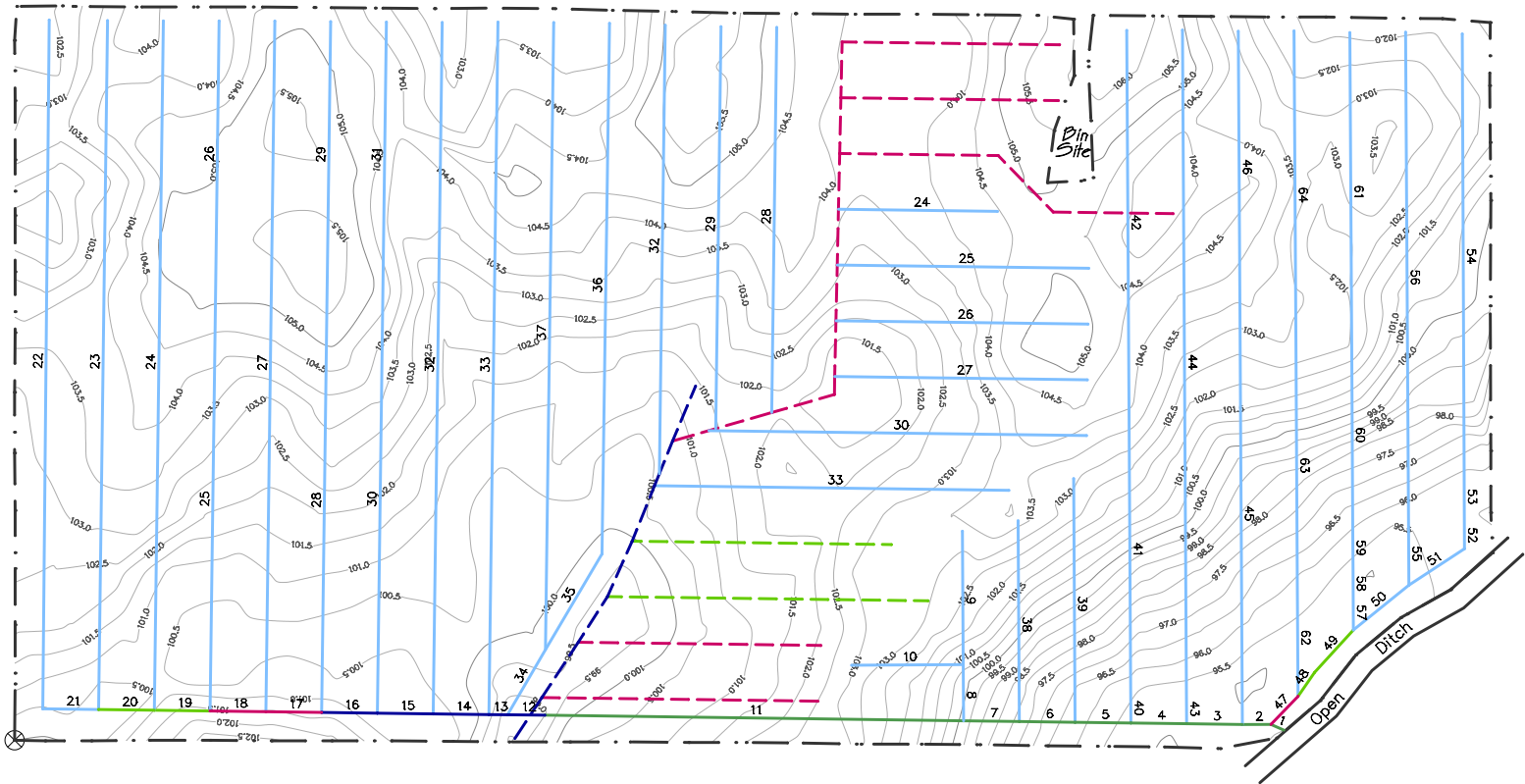
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Step #5: Layout system for installation

- Line numbers correspond to GPS X, Y, grade %, and sizes on installation table
- Set flags in field directing tile installation

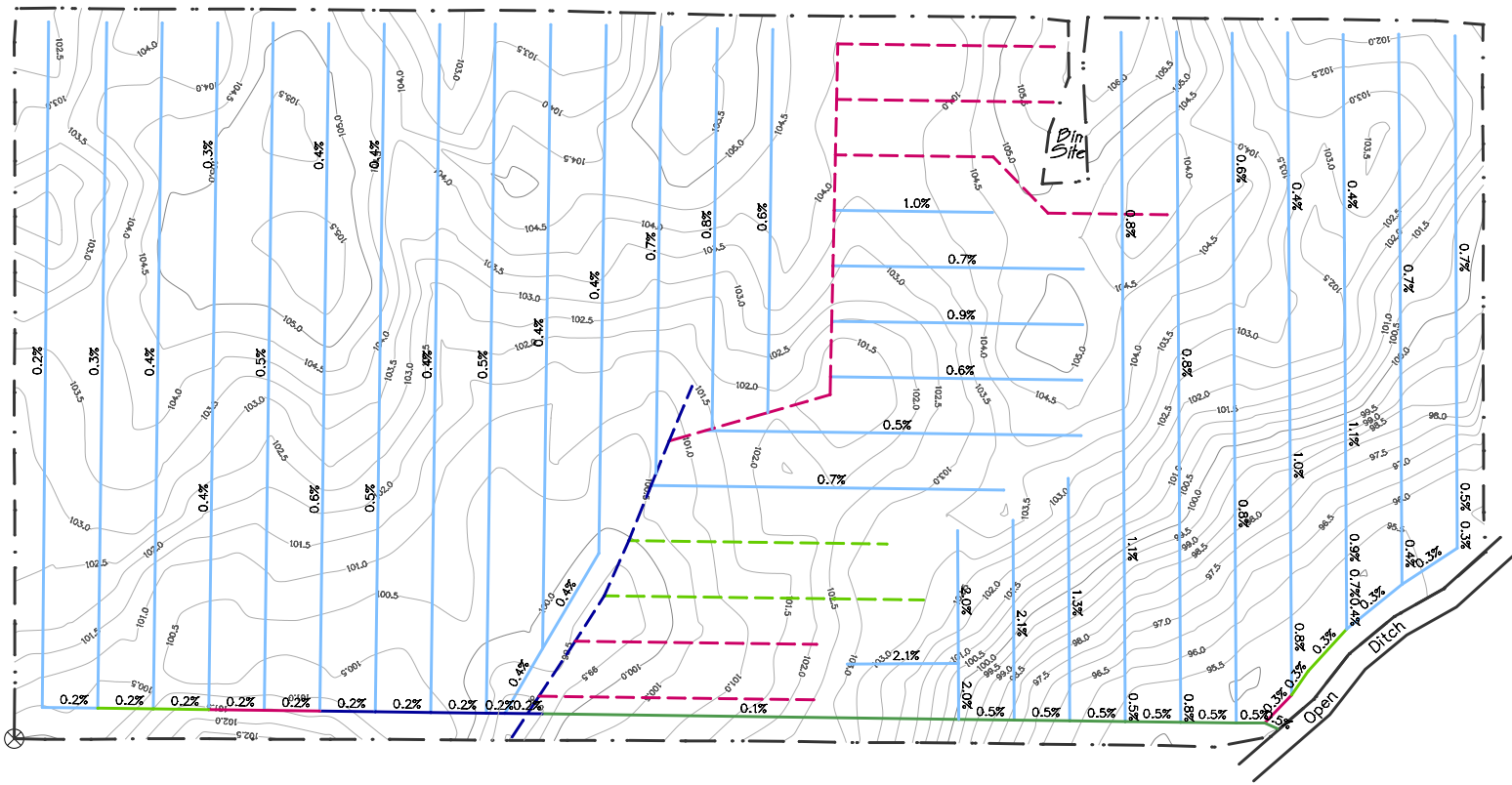
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Step #6a: Install - Slope Data

- Trencher operator uses this map to correctly install tile to grade.
- Plowing operations have this data integrated into machine computer control.

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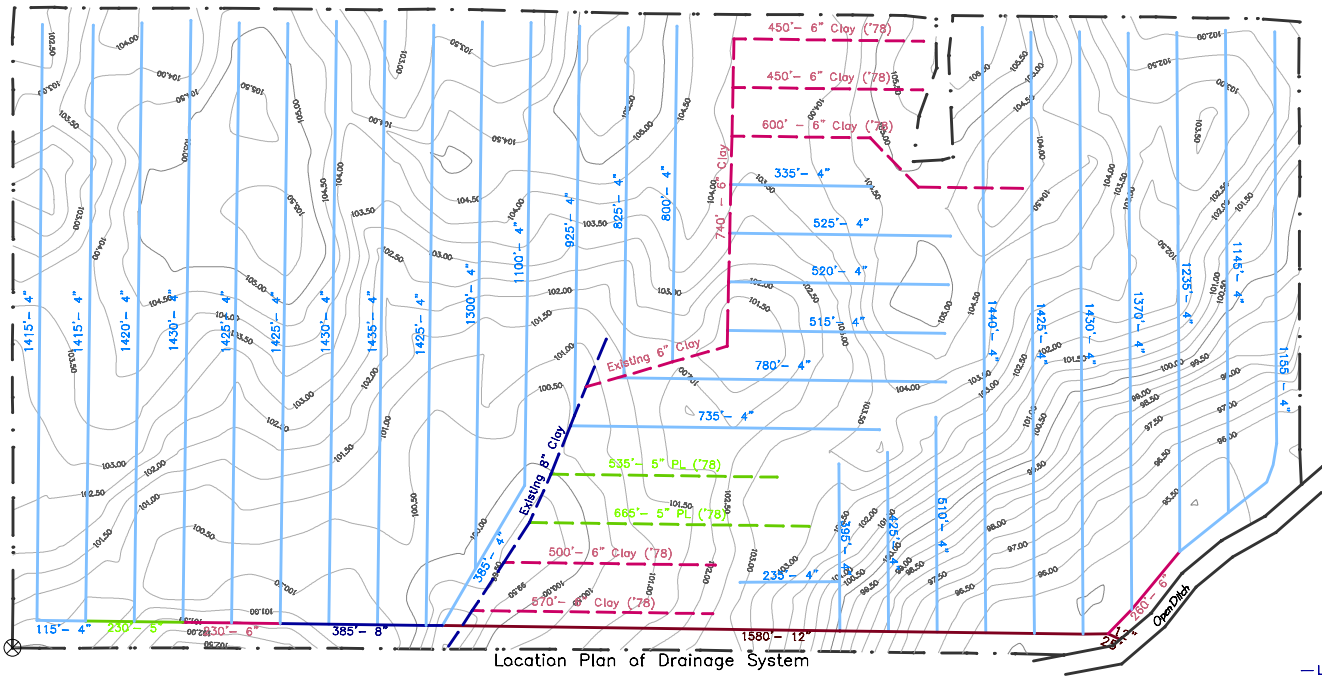
Step #7 - Complete As-Built of system

- GPS Accurate location of new installation
- Includes found tiles; location, repair type & size

Owner: Roger Briggs
 Tenant: N/A
 Farm manager: N/A
 County: Macon
 Township: Friends Creek
 Section: Sec. 21

SeEVERS Farm Drainage, Inc.
 10669 E. Washington, Argenta, IL 62501
 (217)669-2290 or (800)531-2290
 www.seEVERSfarmdrainage.com


 Scale: 1"=200'
 Ref Elevation: 100'
 Date: 3Q 2004



Location Plan of Drainage System

MATERIALS USED: Fall of 2004

- 28,245' 4" plastic tile
- 200' 5" plastic tile
- 425' 6" plastic tile
- 335' 8" plastic tile
- 0 10" plastic tile
- 1,395' 12" plastic tile

MATERIALS USED: Installed 1978

- 925' 5" plastic tile
- 3,050' 6" clay tile

By: DLT
 Date: 11/2/04
 Cad File: briggs04M.dwg
 Surface File: Brig004.mdi
 Network Files: BrigBOE.net
 BrigBOE.net