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23 Appendix 23.0 As-Builts & Layout Surveys

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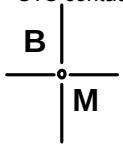


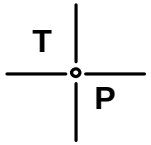
Benchmark

B.S. Backsight

F.S. Foresight

H.I. Height of Instrument

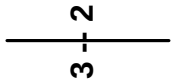
Instrument Set-up Location



Turning Point

(3 - 2) Existing (Natural) Elevation

Pressure/Gravity Pipe



Top of Pipe

Spot Grade Rod Reading*

*Spot grades are to be used with the following prefixes and suffixes to indicate item being surveyed.

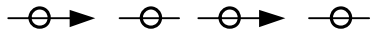
Prefixes:
- EX - Existing
- PL - Planned
- AB - As-Built

Suffixes:
- D.B. - Ditch Bottom (Ditch Invert)
- T.G. - Top of Gravel
- T.S. - Top of Sand
- F.L. - Flow Line(Pipe Invert)
- T.T. - Top of Tank
- T.R. - Top of Riser
- T.P. - Top of Pipe

Example:

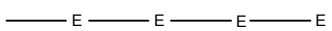
AB 3 - 2 TT

Interpretation: As-Built Spot Elevation Shot for Top of Tank ; Grade Rod Reading of 3 ft - 2 in.

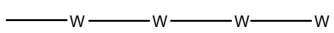


Gradient Drain

Gradient Drain Sump Basin or Pump Basin

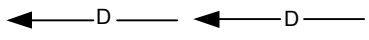


Buried Electric Service



Buried Water Service

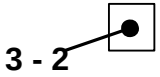
Structure (Building)



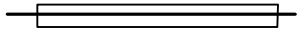
Diversion Ditch

Control Panel

Electrical Disconnect

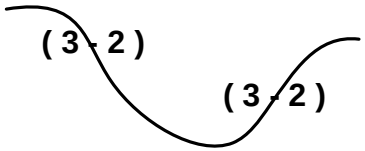


Top of Drop Box



Cased Pipe

Tank



Contour

HAMILTON COUNTY GENERAL HEALTH DISTRICT
Division of Water Quality

Symbols for "Layout Surveys" and "As-Builts"

Title: Symbols for "Layout Surveys" and "As-Builts"		
Drawn By: CMG	Date: 2/2/05	Revision #: 3.0

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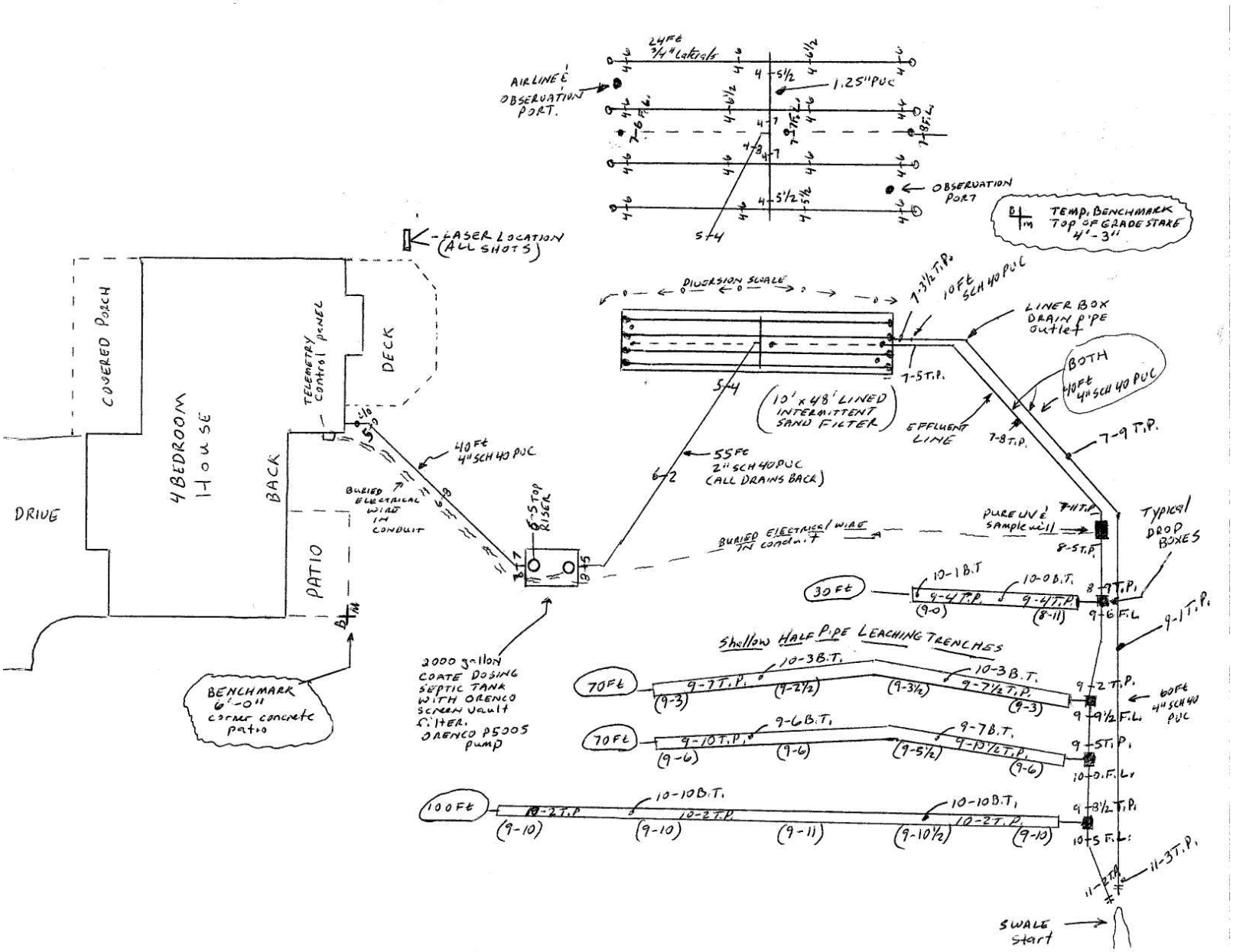
As-Built Drawing Example