

CONSTRUCTION INSPECTIONS FOR THE INEXPERIENCED INSPECTOR

Ted P. Doucette, P.E.



PROFESSIONAL BACKGROUND

- California Polytechnic State University at San Luis Obispo –
BS Environmental Engineering
- Weston & Sampson Engineers, Inc.
- Wind River Environmental
- Polaris Engineering
- Samiotes Consultants
- Full-time Dad – Doucette Engineering



FIRST IMPRESSIONS

- **THESE MATTER**
- Hand Shake
- Dress Code?
- Attitude
- Don't tip your hand?
- Overcompensating
- Be on time



SUPPLIES FOR EFFECTIVE INSPECTIONS

- Field book, writing implement
- Tape measure(s)
- Camera
- Regulations
- Approved Plan



CONSTRUCTION INSPECTION SAFETY

- Disclaimer – not OSHA substitute
- Trench safety
- On-site Equipment
- Trip hazards
- Pests
- Heat / Cold



FIRST CONTACT – SOIL EVALUATION

Who you'll meet

- Excavation contractor
- Soil Evaluator
- Owner

Inspector's (witness) responsibilities

- What to record





Mainstone Farm, Wayland





18 Arrowhead Road, Concord





39 Mill Street, Framingham





29 Circuit Drive, Stow





12 Maybury Road, Sudbury



SECOND CONTACT – BOTTOM OF BED INSPECTION

- Who you'll meet
 - Excavation contractor
- Bring the approved plan
 - Correlate what you see with the plan
- Inspector's (witness) responsibilities
 - What to record





8 Intervale Street, Boylston





258 Commonwealth Road, Wayland





42 Massasoit Road, Sudbury





47 Foster Street, Littleton





64 Barnes Hill Road, Berlin



THIRD CONTACT – AS-BUILT INSPECTION

- Who you'll meet
 - Excavation contractor
 - Designer?
- Bring the approved plan





232 Dutton Road, Sudbury





29 Circuit Drive, Stow





47 Foster Street, Littleton





232 Dutton Road, Sudbury





73 Glezen Lane, Wayland





73 Glezen Lane, Sudbury





8 Intervale Road, Boylston





Mainstone Farm, Wayland





The speaker says, "Does anyone have
any questions?"
and you think,
"If any one of you fools
dares to raise your
hand, I will end
you."



som^{ee}cards
user card

