The Buck Stops Where?

Part One: Erosion Control Responsibilities or “Whose job is it?”
Part I - Responsibilities

- Owner/Developer
- Design Professional
- General Contractor
- Inspector
“Whose job is it?”

Owner/Developer’s Responsibilities

- Financial Investment
- Select the Designer or Design Team
- Meet Permit Requirements
  - Site monitoring
  - Reporting
“Whose job is it?”

Design Professional’s Responsibilities

- Develop Plans:
  - Meet owner’s needs
  - Meet code requirements
  - Provide adequate detail for realistic bidding
“Whose job is it?”

General Contractor’s Responsibilities

- Comply With Plans, Specifications and Permit Stipulations as Indicated in Bid Documents
- Maintain Erosion and Sediment Controls
“Whose job is it?”

Inspector’s Responsibilities

• Understand Plan

• Know Code Requirements
  – Competently recognize compliant sites as well as non-compliant sites
  – Enforce Code
The Buck Stops Where?

Part Two: Erosion Control – Typical Problems or “Whose fault is it?”
Part II - Typical Problems

• Cost Overages
• Delays
• Site Violations/Off-Site Impacts
Cost Overages - “Whose fault is it?”

- **Owner/Developer**

  Inadequate capital assigned to project site work including erosion and sediment control
Cost Overages - “Whose fault is it?”

- Design Professional
  Submittal of inadequate/incorrect plans leads to re-submittal fees
  Lack of detail in plans to address phasing/sequencing
  Specifying unapproved materials

"Whose fault is it?"
Cost Overages - “Whose fault is it?”

- General Contractor
  Use of unapproved materials may lead to removal and re-installation of approved materials
  Maintenance not considered when bidding - therefore ignored resulting in fines
Delays—
“Whose fault is it?”

• Owner/Developer

Plans not submitted on time

Incomplete applications
Delays-
“Whose fault is it?”

- Design Professional
  Erosion control plans done in ‘cookie-cutter’ fashion. Time required for revisions and re-submittals
Delays-
“Whose fault is it?”

- General Contractor

  Stop work order for improper implementation of erosion control plan

  Failure to have appropriate erosion control materials on hand when needed
Site Violations/Off-site Impacts

“Whose fault is it?”

- Owner/Developer

  Monitoring requirements overlooked when designating responsibilities

  Refusal to pay for:
  
  Adequate designs
  Inspection services
  Proper erosion control materials
  Maintenance
Site Violations/Off-site Impacts

“Whose fault is it?”

- Design Professional

  Designs do not address basic drainage pattern changes taking place during development

  Neglect stabilization in design
Site Violations/Off-site Impacts
‘Whose fault is it?’

- General Contractor
  Treat erosion control as an ‘after thought’
  Failure to recognize changing site conditions
  Consider maintenance as ‘fix it when it fails’
Recognize Changing Site Conditions
Site Violations/Off-site Impacts

“Whose fault is it?”

- Inspector

Failure to recognize need to implement erosion control

Ignore non-compliance until a ‘disaster’ occurs
TEAMWORK
Everyone Has a Role

- **Developer** Aware of Value of Up-Front Investment - Willing to Pay for Services
- **Developer** Pays for Construction Staking and Checking
- **Designer** Aware of Need for Detailed Plans
- **Designer** Does Site Visit Before Developing a Plan
TEAMWORK

Everyone Has a Role

- Designer Involves Contractor Early in Plan Development
- Designer Works with Inspector/Reviewer in Early Stages of Plan Development
- On-Site Pre-Construction Conference with ALL Parties

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TEAMWORK
Everyone Has a Role

- **Contractor** Sensitive to Erosion & Sediment Control Requirements - Monitoring a Priority
- **Contractor** Initiates Contact with Inspector & Designer Prior to Deviating from Approved Plan
- **Inspector** Willing to Do Enforcement When Necessary
- **Inspector** Does Follow-up to Inspections