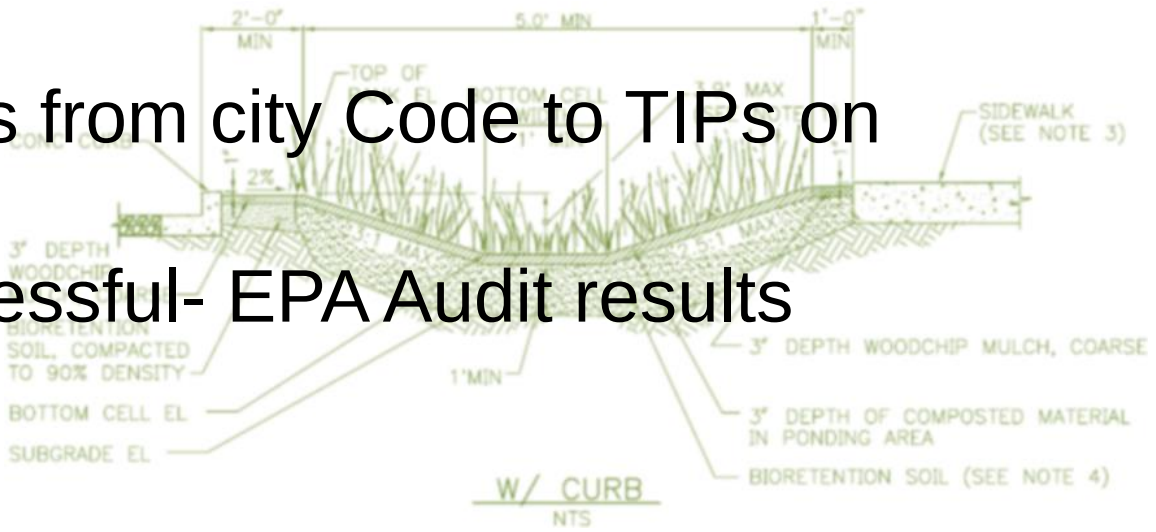
LID Plan Review
City of Seattle

Washington Stormwater Conference

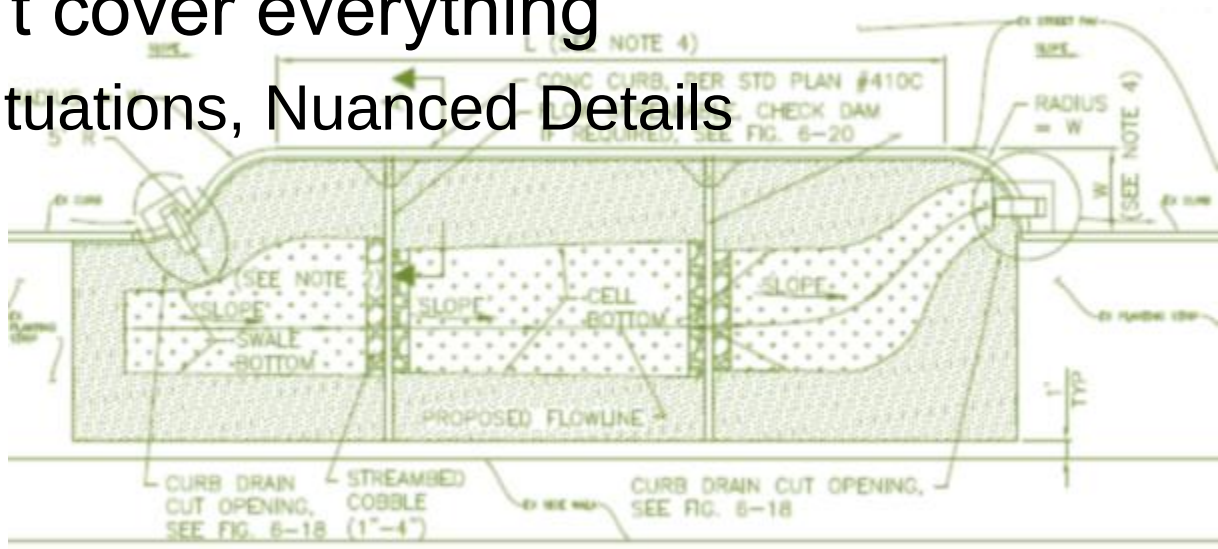
2009 Code - Overview

- Seattle review breakdown: Parcel & ROW
  - Different Departments review each part of project
- New Requirement: Green Stormwater Infrastructure to the Maximum Extent Feasible
  - GSI to the MEF is similar to MR 5, 2015 Code effort is tweaking GSI to the MEF
  - These implementation challenges were generally from 2009 code.
- All new documents from city Code to TIPs on the website
- Overall quite successful- EPA Audit results were positive



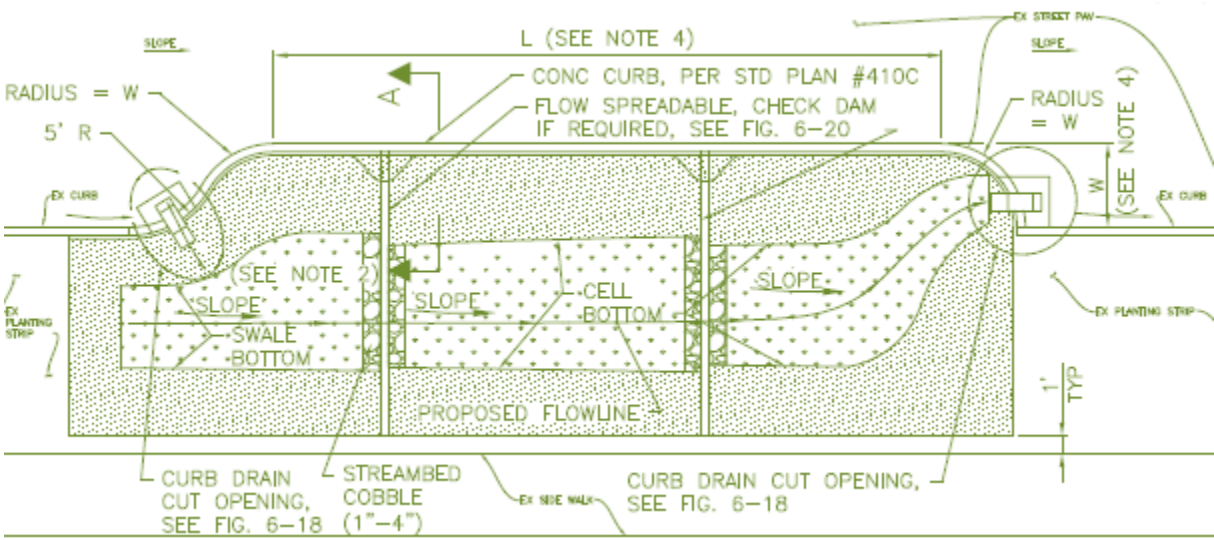
Challenges: Create Standards & Get buy-in

- Getting buy-in from other parts of the department
- Set up tools, databases, & procedures early
- Inspection
- Data Tracking & Mapping systems
- Documents didn't cover everything
  - Unanticipated Situations, Nuanced Details



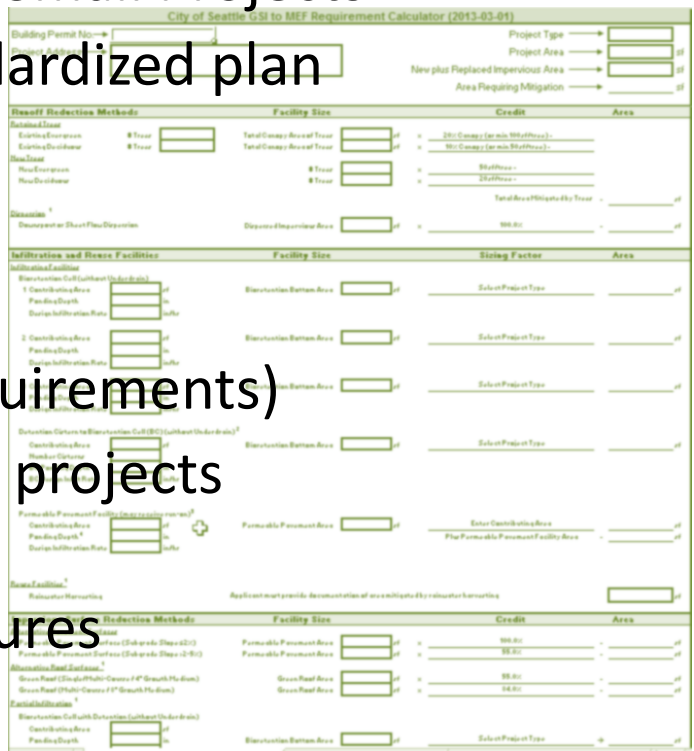
Other Challenges

- Training & Outreach
- Consistency in application in plan review
- Prepping documents that weren't useful

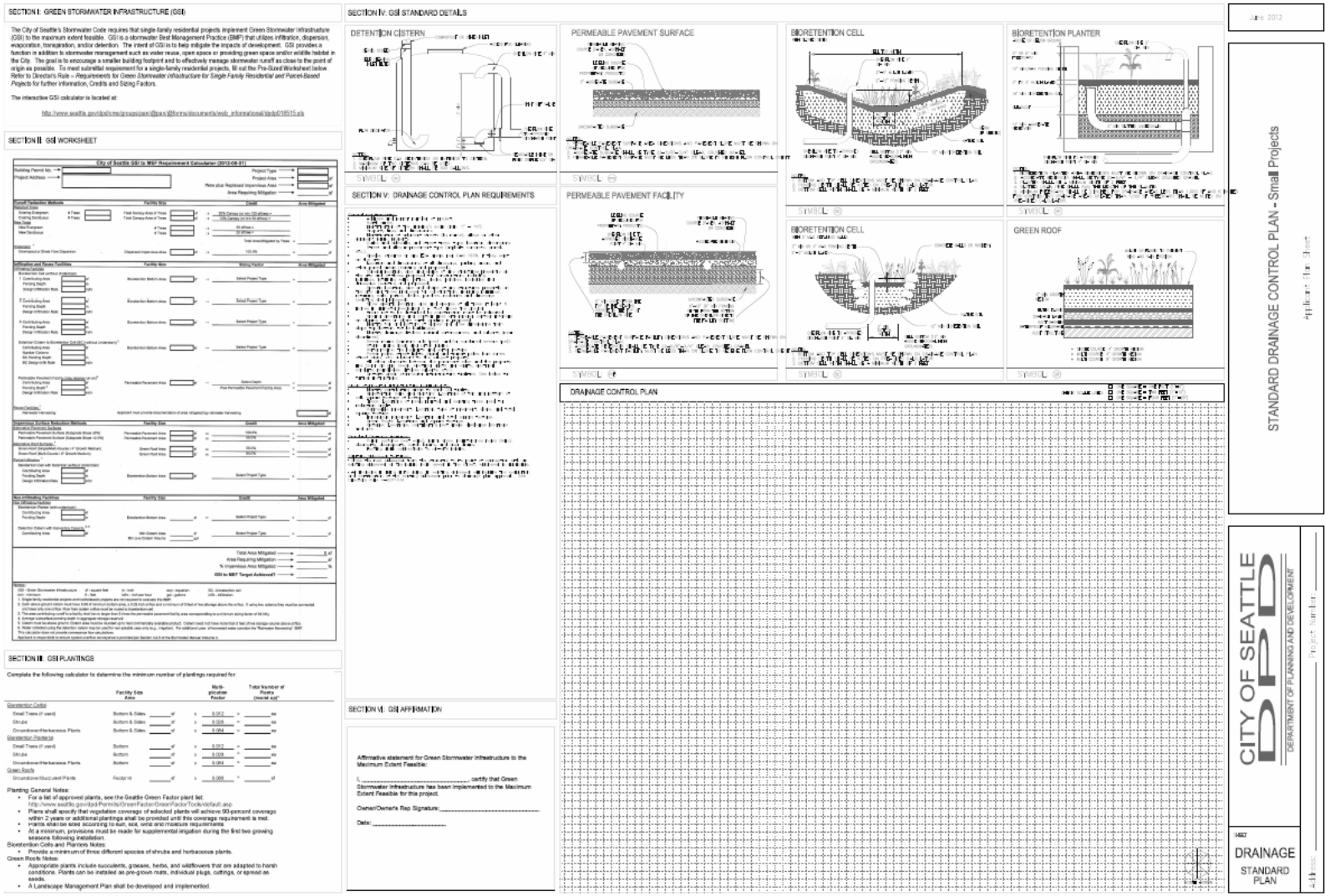


2009 Code - Successes

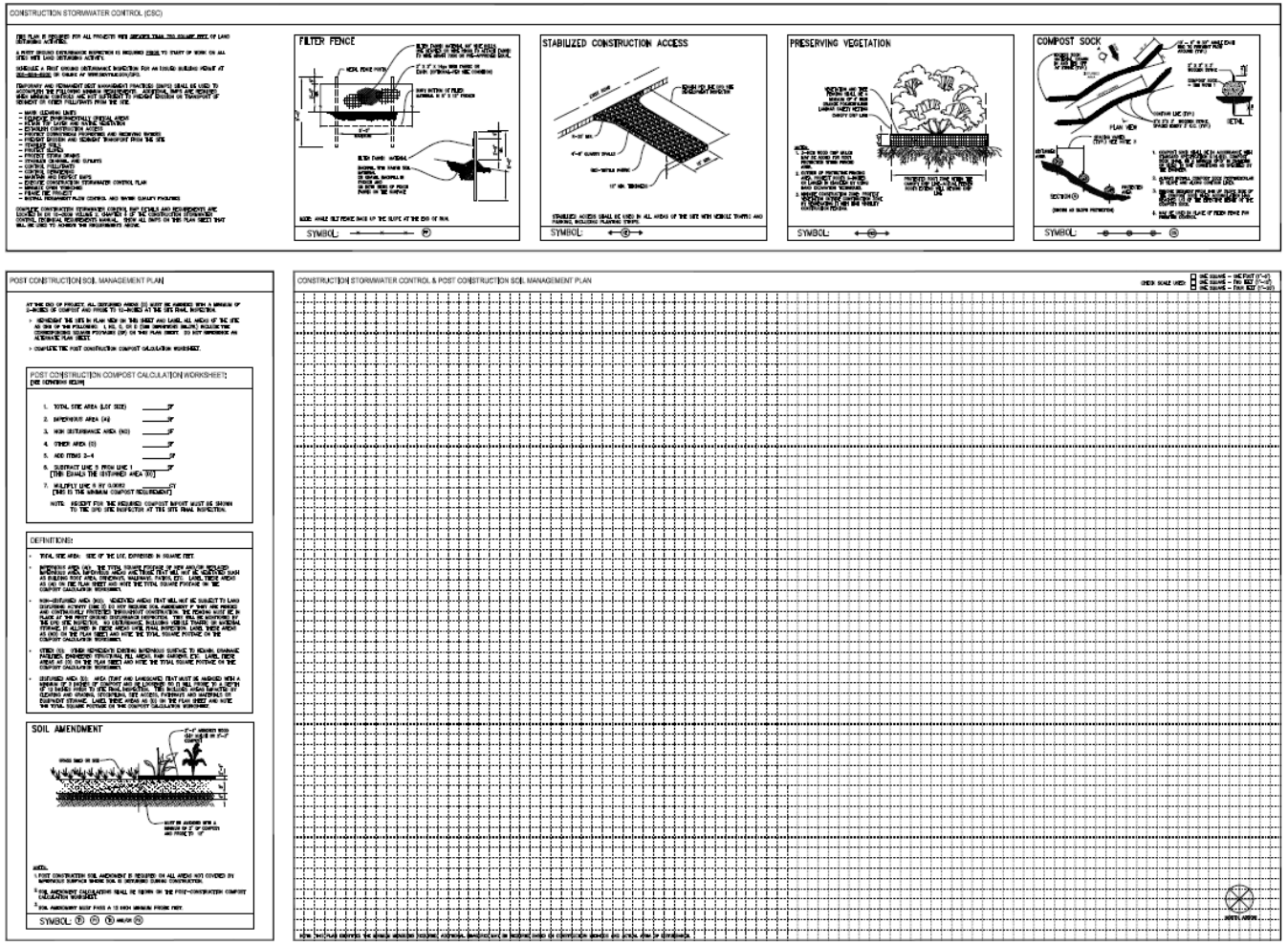
- Standardized Submittal Templates were biggest ‘bang for the buck’.
- Most useful tools and documents were:
  - Standardized Drainage Control Plan for Small Projects
  - Construction Stormwater Control Standardized plan
  - Soil Amendment Calculator
  - GSI Calculator
    - Feasibility Checklist
  - Volume 3 of the Manual (Technical Requirements)
  - GSI to the MEF Director’s Rule for ROW projects
    - Technical Requirements
  - Right Of Way Improvement Manual Figures



Standardized Drainage Control Plan for Small Projects



Construction Stormwater Control Plan for Small Projects



Documents: 2015 Code Updates and 2009 Documents

- 2015 Stormwater Code Update Documents
- 2009 Stormwater Code
- Vol. I - Source Control Technical Requirements Manual
- Vol. II - Construction Stormwater Control Technical Requirements Manual
- Vol. III - Stormwater Flow Control and Water Quality Treatment Technical Requirements Manual
- Director's Rule 15-2012, Requirements for Green Stormwater Infrastructure to the Maximum Extent Feasible for Single-Family Residential and Parcel-Based Projects
- Right of Way Improvements Manual Figures

2009 Code - Tools

- DPD's Stormwater Code Website
  - TIPs documents
  - GSI Calculator
  - Standardized Drainage Control Plan for Small Projects
  - Construction Stormwater Control Standardized plan & Soil Amendment Calculator
  - Pre-Sized Calculator
    - Only applicable to a subsection of projects

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