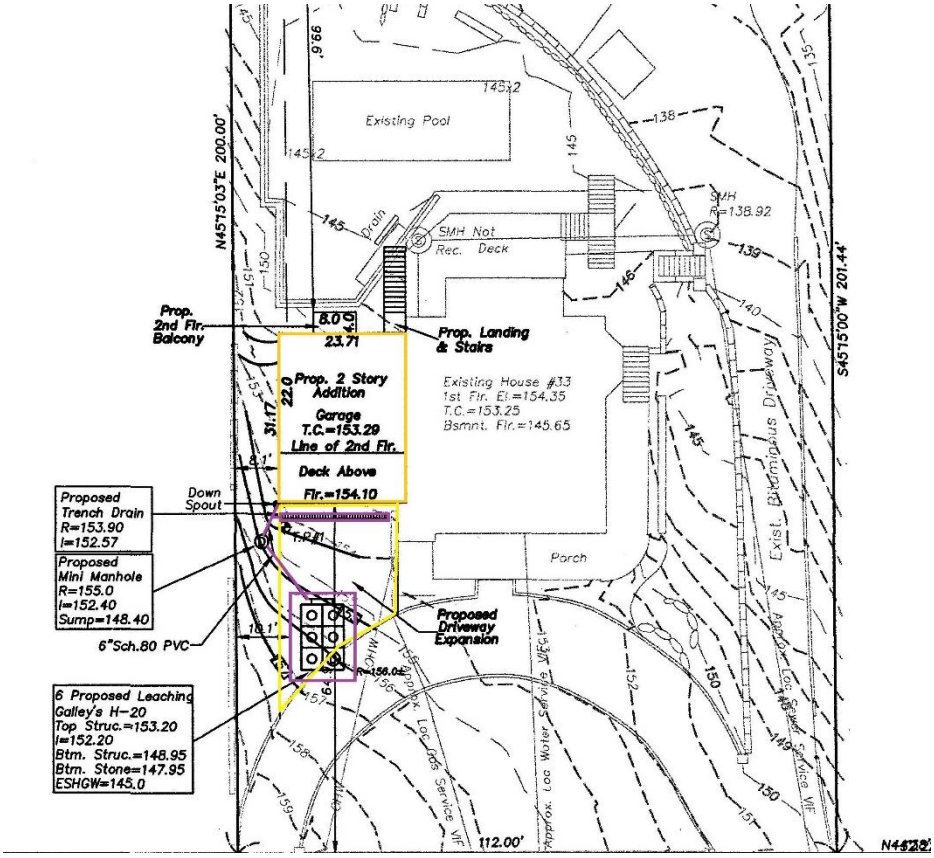
<u>Major Stormwater Permit Example</u>: Two-story addition and driveway expansion resulting in 1,334 SF new impervious area

Stormwater Management includes: a trench drain, 1 mini-manhole and 6 infiltration galleys.



Existing Review Process
• Survey & Existing Conditions Plan
• Soil Test(s)
• Drainage Design & SWM Report
• Proposed Site Plan
• As-built Plan
Survey & Design = $ 7,000 - $9,000
Construction = $ 12,000 - $15,000
Total Estimate = $ 19,000 – $24,000

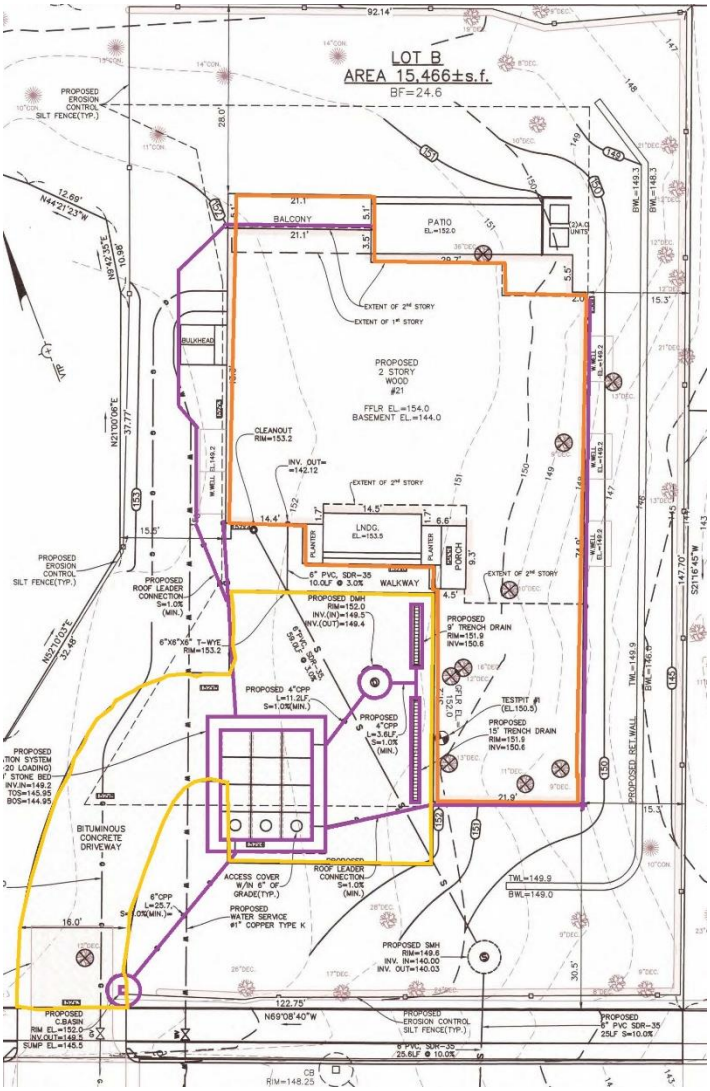
Proposed Permit Process
• Permit Application Fee $300
• Survey & Existing Conditions Plan
• Soil Test(s)
• Drainage & SWM Report Add $1200
• Proposed Site Plan
• As-built plan
• O&M Plan $500 - $800
• Record O&M Plan $200 - $300
Survey & Design = $ 9,200 - $11,600
Construction = $ 12,000 - $15,000
Total Estimated = $ 21,200 - $26,600
Net increase = $ 2,200 - $2,600 or 10 - 12%

This design meets the proposed volume, sediment and phosphorus load reduction requirements, therefore, there are no additional construction costs to achieve compliance under the proposed stormwater ordinance.

Additional time to prepare add-on items will vary by consultant and is estimated to be 2 weeks.

Major Stormwater Permit Example: New single-family house on an unimproved lot. Total Impervious Area = 5,776 SF

Stormwater Management includes: one catch basin, one manhole, trench drains and 12 infiltration galleys.



Existing Review Process
• Survey & Existing Conditions Plan
• Soil Test(s)
• Drainage Design & SWM Report
• Proposed Site Plan
• As-built Plan
Survey & Design = $ 7,000 - $ 9,000
Construction = $ 24,000 - $30,000
Total Estimate = $ 31,000 - $39,000

Proposed Permit Process
• Permit Application Fee $300
• Survey & Existing Conditions Plan
• Soil Test(s)
• Drainage Design & SWM Report* Add $1500
• Proposed Site Plan
• As-built plan
• O&M Plan $500 - $800
• Record O&M Plan $200 - $400
Survey & Design = $9,500 - $12,000
Construction = $ 24,000 - $30,000
Total Estimate = $ 33,500 - $42,000
Net increase = $ 2,500 - $3,000 or 8%

This design meets the proposed volume, sediment and phosphorus load reduction requirements, therefore, there are no additional construction costs to achieve compliance with the proposed stormwater ordinance.

Additional time to prepare add-on items will vary by consultant and is estimated to be 2 weeks.