Hawkins Valley Subdivision – Phase 1

Drainage Calculations – review comments

1. Page 3 – justification for roughness coefficients REFERENCE ADDED.
2. Page 4 – duplicate? NO, IT IS FOR POST DEVELOPMENT.
3. Page 9 – what basins is this based upon – see smaller basins / comments on page 22 IT WAS DESIGNED PER POST DEVELOPMENT FLOW. SEE PAGE 24 & 25
4. Pages 11 & 12 – verify drainage basins SEE BELOW***
5. Page 13 – see comments on plan sheet PIPE SLOPES, SIZES, DITCH DETAILS, AND WEIR DETAILS ADDED. SEE PAGE 26 & 27.
6. Page 21 – Show enclosed storm pipe calculations for inside proposed phase PIPE SIZE CALCULATED BASED ON INLET BASIN.
7. Page 21 – Show ditch sizing calculations based upon actual contributing basins DITCH IS SIZED PER CONTRIBUTING BASIN.
8. Page 22 – see other basins not included in the calculations.
    a. Show pond details and layout including control structure POND DETAILS AND WEIR DETAILS ADDED SEE PAGE 26 & 27.
    b. Show pipe sizes, slopes etc PIPE SLOPES, SIZES ADDED. SEE PAGE 26
    c. Label ditch, show details,, slope, lengths, DITCH DETAILS, SLOPE AND LENGHT ADDED AND LABELLED. SEE PAGE 26 & 27.
9. Page 33 - Somewhere show a summary of the results of the pond and weir calculations ADDED PAGE 2.
10. Page 39 – Show details on pond POND DIMENSION, DEPTH AND WEIR DETAILS ADDED. SEE PAGE 26 & 27.
11. Page 40 – is this a dup licate? NO, 1ST CURVE IS STAGE VS DISCHARGE AND 2ND CURVE IS STAGE VS STORAGE CURVE.
12.

*** WE AGREE WITH THE BASINS. HOWEVER, WE DIDN'T CHANGE THE BASIN TO MEET THE BRYANT DEADLINE. WE WOULD LIKE TO ADD OUR PROJECT TO THE FEBRUARY AGENDA. ALL FLOWS ARE RELEASED TO THE CREEK TO COMPLY WITH THE BRYANT DRAINAGE CODE.