



CIVIL/SITE-INFRASTRUCTURE PLAN REVIEW APPLICATION
Plainfield Engineering and Department of Public Works

TOWN OF PLAINFIELD
206 W. Main Street, Plainfield IN 46168
pseymour@bfsengr.com
www.townofplainfield.com

IMPORTANT – APPLICANT TO COMPLETE ALL ITEMS. MARK WHERE APPLICABLE (PLEASE PRINT)

| <u>Project Name</u> | <u>Project Location</u> | <u>Date Submitted</u> |
|---------------------|-------------------------|-----------------------|
|---------------------|-------------------------|-----------------------|

PROJECT CONTACTS

| | |
|------------------------------------|-----------------------|
| Project Developer/ Owner: _____ | Contact Person: _____ |
| Address: _____ | Contact Number: _____ |
| _____ | Email Address: _____ |
| Design Engineer: _____ | Contact Person: _____ |
| Address: _____ | Contact Number: _____ |
| _____ | Email Address: _____ |

SITE/INFRASTRUCTURE PLAN APPLICATION CHECKLIST

For a complete submittal the following items must be included

- 1. Review Fee (Residential: \$300.00 + \$20.00/unit; Non-Residential: \$300.00 + \$20.00 per acre). Check payable to the Town of Plainfield.
- 2. One complete full-size paper set of Civil/Site-Infrastructure plans with attached Plan Review Checklist and full-size set of most current Plainfield Town Standards attached
 - **Applicant to deliver** paper copy to the Plainfield Municipal Building – Attention Patty Seymour, 206 W. Main Street, Plainfield IN 46168 (Include one drainage report and **Plan Commission Commitments/Conditions**)
 - **Applicant to Email** complete digital submittal, including drainage report and evaluation to jlightner@bfsengr.com, bmartin@bfsengr.com, and pseymour@bfsengr.com
 - **Applicant to Email** set of plans to wstevens@plainfieldfire.com
- 3. Preliminary plat for the site
- 4. Completed IDEM Permit Package(s) (Include letter requesting sewer and water allocation)
 - IDEM NOI – Notice of Intent to Construct a Water Main
 - IDEM Sanitary Sewer Packet – Town of Plainfield must approve sanitary sewer main extensions
- 5. Completed Rule 5 Application for Erosion Control and Storm Water Pollution Prevention Plan Review. Go to <http://www.operation-ms4.com/> to submit for MS4 Permit Review.
- 6. Proposed offsite easement where needed. Final approval will not occur prior to appropriate easements being recorded.

Signature of Applicant: _____

Date: _____

****Site/Infrastructure Plan Review is scheduled for every 2nd and 4th Tuesday of the month. In order for project to be placed on agenda for review, the COMPLETE submittal packet must be submitted by 4:00 p.m. Wednesday prior to the following Tuesday's Plan Review Meeting****

To obtain a set of Plainfield Town Standards and Specifications please visit our website at www.townofplainfield.com

Plan Review Checklist

General

- Complete Set of Current Standards Included
- No Details That Conflict With Standards Per Directions For Use Note 1
- No Specifications That Conflict With Standards Per Directions For Use Note 1
- Mitigation Option Identified Per General Note 11 On Sheet 1
- Regulatory Signs & Pavement Markings Identified Per Sheet 5

Streets

- ROW Per Standards
- Cul-de-sac Layout Per Ordinance
- Corner Radius Per Ordinance
- 5' TOP Easement
- 20' Utility Easement
- Auxiliary Lane Construction Compliance Per Sheet 2
- Curb Ramps Per Standards DS-R05 Through DS-R08
- No Road Grades Less Than Minimum (0.5%)

Approaches

- Concrete Sidewalk Transition Per DS-R01
- Drive Culvert Per Standard
- Residential Private Drives Per DS-R02
- Catch Basin Modification Per DS-R03 Identified

Storm

- Drainage Report Including
 - A drainage narrative describing the existing and proposed conditions
 -

A site map showing the site's existing drainage basins

- A site map showing the existing and proposed time of concentration flow-paths
- A soils map with the project area indicated
- A Flood Insurance Rate Map with the project area indicated on the map
- Rational storm sewer sizing calculations
- Detention basin stage/storage/discharge information including modeling
- Detention basin emergency overflow calculations and routing
- Existing site conditions 10-year release rate
- Proposed conditions 100-year release rate

- Detention Basin Meeting Requirements of Detail DS-G01 on Sheet 6 of Town Standards
- No Details That Conflict With Standards Per Directions For Use Note 1
- All Castings In Compliance With Development Standards On Sheet 9
- Drainage Report Stamped & Signed
- Catch Basin Spacing
- Detention Pond Sizing & Section Per DS-G01
- Outlet Pipe Details Match On Plans & Report
- Catch Basins Used Throughout Project
- Catch Basins Meeting Per Details On Sheet 8 of Town Standards
- Mainline Pipe Compliance Per Note 11 On Sheet 8
- Sanitary Sewer & Water Line Conflicts Shown on Profile
- RCP End Sections With Toe Anchors Per Sheet 7
- Post Construction Measures Shown Correctly

- BMP meeting all requirements of Ordinance 33-2006 and Chapters 8 and 9 of Hendricks County Stormwater Technical Standards Manual.
- O&M Manuals for all BMPs

- 20' access easement provided to allow inspection by the Town of Plainfield of the proposed BMPs

Sanitary

- All Casting Reference DS-S06
- Gravity Service Requirements Per Note 5 On Sheet 14
- Lift Station Compliance With Sheet 15
- Sanitary Manhole Spacing
- Sanitary Lateral Saddle Tap References DS-S02
- Lateral Abandonment If Required References DS-S02
- Existing Manhole Connections & Special Manhole Connections Per DS-S03
- Restaurants Have Grease Trap Provided Per DS-S04
- Outside Drop Manholes Per Special Drop Connection
- Inside Drop References DS-S05
- Storm Sewer & Water Line Conflicts Shown On Profile
- Minimum Slope Permitted on Sanitary Laterals is $\frac{1}{4}$ " Per Foot
- Sanitary Profile Shows Granular Backfill To the **Proposed** Surface Elevation
- Design Engineer's Certification Sheet signed and stamped by the design engineer

Water

- Valve Clusters Per Standard New Work Branch Connection
- Commercial Site Water Meter Compliance (DS-W02 Required Even For A Single Private Hydrant)
- Commercial Site FDC Compliance (Within 150' Hose Lay Of Public Hydrant & DS-W04 Requirements)
- Compliance With General Note 2 On Sheet 10 (Water Lines Above Mainline Storm Sewers)
- Compliance With General Note 3 On Sheet 10 (3.5' Behind Back Of Curb)
- Terminations & Cul-de-sac Per General Note 5 On Sheet 10