



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

TOWN OF PLAINFIELD
206 W. Main Street, Plainfield IN 46168
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>
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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 **BF&S Plainfield Office – Attention Kim Hill, 210 N Mill 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 khill@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 twice a month on the Tuesday following the Town Council meetings scheduled for the 2nd and 4th Monday of each month. For a 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 (01/01/2019)
- No Details That Conflict with Standards Per Directions for Use Note 1
- No Specifications or Details That Conflict with Standards Per Directions for Use Note 1
- Mitigation Option Identified Per General Note 11 On Sheet 01
- Regulatory Signs & Pavement Markings Identified Per Sheet 06

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 02
- Curb Ramps Per Standards DS-R03 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-G05 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 07 of Town Standards
- All Castings in Compliance with Development Standards on Sheet 10
- 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 09 of Town Standards
- Mainline Pipe Compliance Per Note 11 On Sheet 09
- Sanitary Sewer & Water Line Conflicts Shown on Profile
- RCP End Sections with Toe Anchors Per Sheet 08
- 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-S07
- Gravity Service Requirements Per Note 5 On Sheet 15
- Lift Station Compliance with Sheet 16
- 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 ¼" 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 11 (Water Lines Above Mainline Storm Sewers)
- Compliance with General Note 3 On Sheet 11 (3.5' Behind Back of Curb)
- Terminations & Cul-de-sac Per General Note 5 On Sheet 11