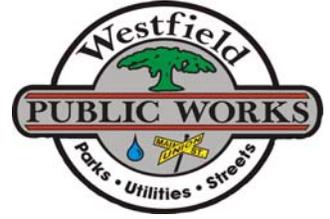


WESTFIELD PUBLIC WORKS



September, 18 2008

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Weihe Engineers
Attn: Mr. Edward E. Fleming
10505 N. College Ave.
Indianapolis, IN 46280

RE: Springmill Self Storage Construction Plan Review

Dear Mr. Fleming:

The Westfield Public Works Department has reviewed the proposed construction plans for the above project and offers the following comments:

General

1. I have attached the original plans with our comments. Please provide one (1) set of revised plans showing our comments and revisions **along with our original marked-up set.**
2. The review checklist attached shows the deficient areas that need correction. Any item in green is acceptable. Any item in blue is not applicable. Any item in red/orange needs to be addressed.
3. Please provide 110% performance bonds for all public infrastructures. The bond application forms are attached and the bonds must be executed before any construction commences.
4. Please add an 8' asphalt path along the entire frontage of SR 32.
5. Please provide an electronic file of this project and note our digital as-built requirements.
6. Please note additional comments may be warranted at a later date.

Water

1. The water availability fees have been estimated at \$299.00. These fees must be paid before the preconstruction meeting.
2. Please add a note stating that all fire hydrants shall be painted with 2-coats of MAB "Fire Protection Red (7068)" after installation. Private fire hydrants shall be painted with 2 coats of MAB "Caution Yellow (7077)".

3. Please add a note stating that blue reflectors shall be installed in pavement to mark fire hydrants (private and public) per the City of Westfield's Utility and Infrastructure Construction Standards.
4. Please add a note stating that fire hydrants shall have a 5-inch Storz's connection (Mueller model 290220 for casting and 290221 cap or comparable to and approved by WPWD). Fire hydrants shall be placed per the direction of the Westfield Fire Department.
5. Please show water main types, services and sizes on the plans. Please add a note stating that if a main is 8-inches or smaller, then C900 pipe can be used. The main shall be saddle tapped and bedded with sand 6-inches under and 12-inches over the pipe with marking tape installed 2-feet above the water main. Number twelve (#12) gauge locating wire shall be taped to the top of the main and pulled through all valve boxes (to the surface) for locating purposes. If ductile iron pipe is used, the main must be poly wrapped and marking tape installed 2-feet above the water main.
6. Please include all water specifications and details, which can be found on our website at www.westfield.in.gov under Development/Construction.
7. Please provide a completed NOI application for water construction and provide the fee along with the application. The check should be made out to the City of Westfield Public Works in the amount of \$300.00.
8. Please add valves at all public water main tees as indicated on the plans.
9. Please extend the water main along the entire frontage of SR 32. This main must be constructed of 12" ductile iron pipe. Please add temporary hydrants and 12" valves on both ends.
10. Please change all 90 degree bends to be shown as two 45 degree bends.
11. Please add a vault with a double check valve in it to separate public water mains from private water mains. The location is shown on the plans.
12. Please eliminate the water main connecting the hydrant located on the southeast corner of the property. Extend the main along the east side to pick up this hydrant.
13. Please extend the 16" main west where the 16" reduces down to 8". Add a tee, valves and a temporary hydrant in this location. Refer to sheet C303 for location.
14. Please provide at least 10 feet of horizontal separation between all water, sanitary and storm pipe.

Sanitary Sewer

1. The sanitary sewer availability fees \$611.00. This must be paid before the preconstruction meeting.
2. Please add a note stating that all sanitary sewer laterals must have locate wire run when installing.
3. Please add sanitary profiles to these plans. Please label what material is going to be used for the force main.

4. Please show the lateral for the office building.
5. Please provide an easement for the sanitary force main.
6. Please change all 90 degree bends to be shown as two 45 degree bends.
7. Please add a note to the plans stating that all proposed road crossings must be fully backfilled with a granular material.
8. Please provide a completed application for sanitary construction and provide the fee along with the application. A check should also be made out to City of Westfield Public Works for the permit in the amount of \$300.00.

Storm Sewer

1. Please add chapters 400 and 500 from the Westfield Stormwater manual to your specification sheets.
2. Please provide a copy of the HCSO outlet permit.
3. Please provide a completed NOI application for storm water construction and provide the fee along with the application. A \$100.00 check should be made out to IDEM and our office will forward the NOI information to IDEM.
4. Please show emergency spillways for the pond, along with the appropriate County detail on the storm details sheet.
5. Please provide the top of bank elevation for the detention pond.
6. Please provide profiles for all storm pipes. Number all storm structures and show top of casting elevation on the plans.
7. Please provide a storm sewer data chart.
8. Please show the finish floor elevation for the office pad.

Erosion Control

1. Please add a note stating that the erosion control plan must be executed before any construction commences.
2. Please add a note stating that additional erosion control measures may be required in the field by the WPWD inspectors.
3. Please add a note stating that all erosion control material needs to be approved by the WPWD inspectors prior to installation.
4. The staging area must be stoned with #2 or #3 stone. Please indicate this on the detail located on sheet C202.

5. A secondary containment unit will be required for the fuel container.
6. Only use welded wire baskets or drop inlet baskets for the beehive inlets. Please indicate this on the legend.
7. Curb inlets will require coconut fiber mats only.
8. Please remove the silt fence inlet protection detail and add a detail for a fiber mat inlet protection.
9. On sheet C202 please state that the temporary or permanent seed/mulching will be required within 15 days of land disturbance, if the area will remain dormant.

These review comments, submitted plans, and TAC meeting do not constitute approval for construction by the Westfield Public Works Department. You will be informed when the proposed construction plans are acceptable. At that time you will submit eight (8) sets of plans to be stamped as being accepted by WPWD. All construction plans must be stamped by this office before construction can commence. After plans have been approved, please call for a Pre Construction meeting.

I thank you in advance for your cooperation and efforts to move this development along successfully. If you should have any questions or concerns regarding my comments or the above information, please call me at the below listed number.

Sincerely,

Pete White
Plan Reviewer
Development/Construction
pwhite@westfield.in.gov

Cc: Al Salzman, Westfield Planning Department
Garry Harling, Westfield Fire Department
Greg Hoyes, HCSO
Mark McCauley, HCSWD