



RESIDENTIAL BUILDING PERMIT APPLICATION

Permit No.: _____

Date: _____

Jobsite Address (9-1-1 approved) _____

Subdivision Name _____ Lot Number _____

PART 1 - OWNER INFORMATION

Name _____

Mailing Address _____

Phone # _____

Email _____

PART 2 - APPLICANT/CONTRACTOR INFORMATION

Name _____ Business Name _____

Mailing Address _____

Phone# _____

Email _____

PART 3 - SUB-CONTRACTOR INFORMATION

| Sub-Contractors | Name | Phone/Cell No. | License No. |
|---------------------|------|----------------|-------------|
| Concrete Foundation | | | N/A |
| Concrete Flatwork | | | N/A |
| Drywall/Plaster | | | N/A |
| Excavation | | | N/A |
| Electrical | | | N/A |
| Framing | | | N/A |
| HVAC | | | N/A |
| Insulation | | | N/A |
| Plumbing | | | 055- |
| Roofing | | | |

PART 4 - CONSTRUCTION INFORMATION

Improvement Type:

- New Construction
 Addition
 Remodel
 Repair/Replace
 Garage

Type and Size of Home: (Check all that apply)

- Single-family Two-family Multi-family (_____ units)
 Lookout Basement Walkout Basement

| Type | Main Floor Living Area Sq. Ft./Unit | Upper Floor Living Area Sq. Ft./Unit | Lower Floor Living Area Sq. Ft./Unit | Total Living Area Sq. Ft. | Finished Basement Sq. Ft./Unit | Unfinished Basement Sq. Ft./Unit | Garage Sq. Ft./Unit |
|-----------------------------|-------------------------------------|--------------------------------------|--------------------------------------|---------------------------|--------------------------------|----------------------------------|---------------------|
| Ranch | | N/A | N/A | | | | |
| Raised Ranch or Split Foyer | N/A | | | | N/A | N/A | |
| Two Story | N/A | | | | | | |

Structural Frame: (Check all that apply)

- Concrete Masonry Steel Wood Other: _____

Exterior Walls: (Check all that apply)

- Concrete Masonry Steel Wood Other: _____

Structural: Are any structural assemblies fabricated off-site?

- Floor Roof Walls Other: _____

| | |
|-------------------------------------|--------------------------------|
| Street Frontage in feet: | Bedrooms, # of: |
| Front Setback (prop. line) in feet: | Bathrooms, # of: |
| Rear Setback (prop. line) in feet: | Egress Windows, # of: |
| Left Setback in feet: | Basement Egress Windows, # of: |
| Right Setback in feet: | Fireplaces, # of: |
| Building Height in feet: | Deck Area (sq. ft.): |
| Stories: | Deck Height in feet: |
| Footprint of Structure (sq. ft.): | Est. Start Date: |
| Lot Area (sq. ft.): | Est. Finish Date: |

* Must have minimum of 1,200 sq. ft. of living area for single-family; 900 sq. ft. (each unit) for two-family.

Electrical:

Total Amps: _____ # of Arc-fault Circuits: _____ # of GFCI Circuits: _____
 # of Small Appliance Circuits: _____ # of Major Appliance (Dedicated) Circuits: _____

PLOT PLAN ~ RESIDENTIAL

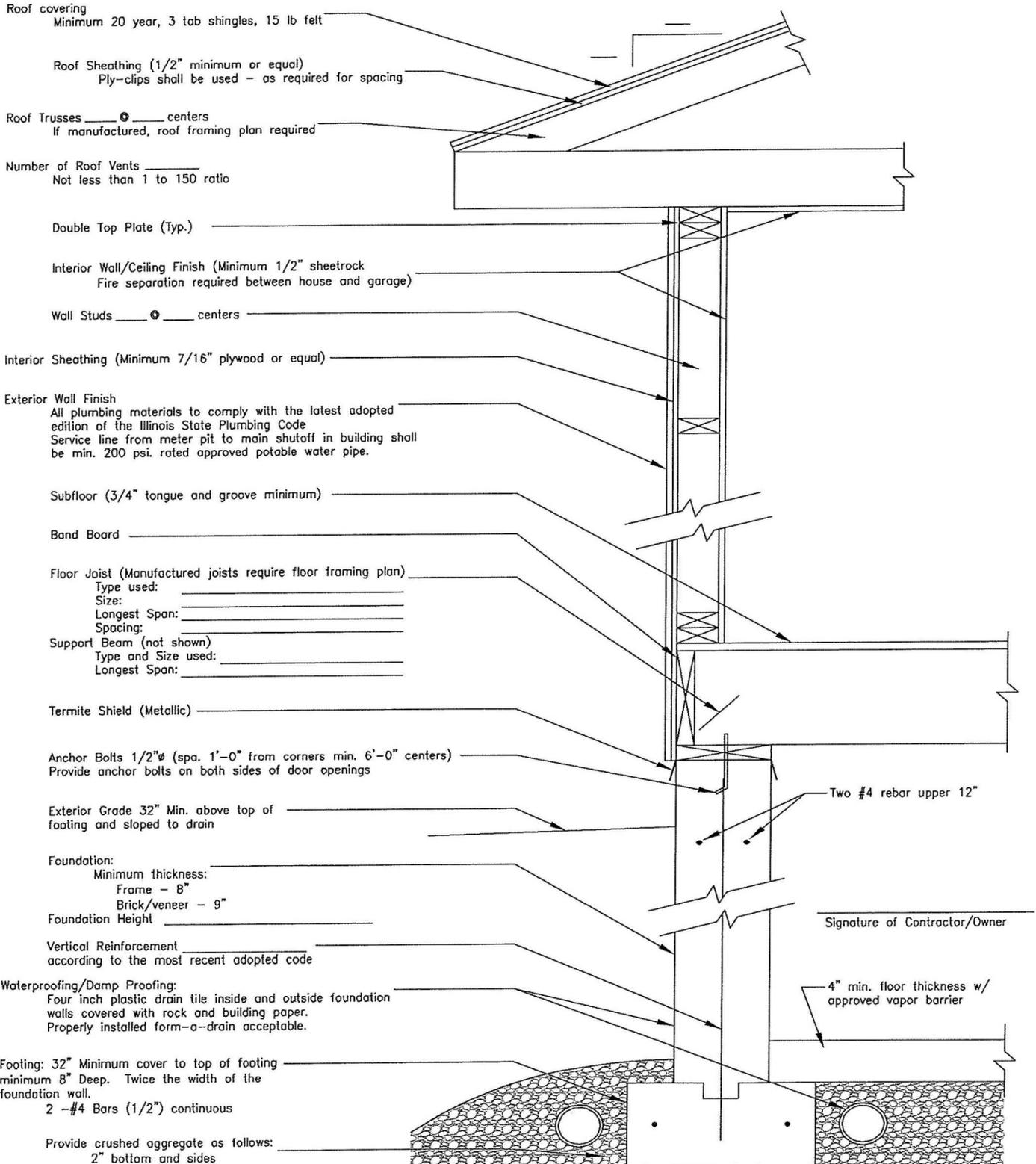
Show below:

1. All lot dimensions, corner property pins, setbacks from all property lines (not from back of curb), structures, and decks. Please verify setback requirements with inspector.
2. Location of driveway, water and sewer lines, manholes, water valves, fire hydrants, utility easements, drainage easements and concrete swales.
3. How water will drain from the property using arrows.
4. Erosion control methods using dashed lines (i.e. - - - -)

NOTE: Any walkout or partially exposed basement shall be designed by a professional engineer to establish minimum elevations and proper grading necessary to prevent storm water damage.

SPECIFICATION SHEET

Fill in the missing information or write "OK" on each line and sign at the bottom.



CERTIFICATION OF AWARENESS
OF THE ILLINOIS ENERGY CONSERVATION CODE

Note: *This form must be filled out completely, signed before a Notary Public, and submitted to the Building & Zoning Department for approval before permit will be issued.*

Construction site address: _____

I certify that I am aware of the building requirements of the Illinois Energy Conservation Code and will have on record for the above address required documentation and testing reports in the following areas: Insulation ratings, glass and door U-factor ratings, heating and cooling equipment efficiency, building air leakage testing, duct tightness testing, and REScheck/REMrate/COMcheck results.

Sign in person before a Notary Public:

Signature of Contractor Date

Name of Company (if applicable)

Mailing Address of Individual/Company Phone Number

* * * * *

Subscribed and sworn to before me this _____ day of _____, 20_____.

Notary Public

Notary Seal

CERTIFICATION OF PLUMBING INSTALLATION

Note: *This form must be filled out completely, signed before a Notary Public, and submitted to the Building & Zoning Department for approval before permit will be issued.*

I certify that the plumbing installation located at _____, conforms to the requirements of the State of Illinois Plumbing Code as defined in 77 Illinois Administrative Code, Part 890 of the latest edition of the State of Illinois Plumbing Code.

Sign in person before a Notary Public:

Signature of Certified Plumber Date

Name of Company (if applicable)

Address of Individual/Company Phone Number

055-
Illinois Plumbing Contractor's License

058-
Illinois Plumbing License

* * * * *

Subscribed and sworn to before me this _____ day of _____, 20____.

Notary Public

Notary Seal

IMPORTANT BUILDING INFORMATION

- ✓ *ALL inspections require 24-hour notice; however, every effort will be made to conduct same-day inspections called in **BEFORE** 8:30 a.m. Inspections will only be made between 8:00 a.m. and 1:30 p.m.*
- ✓ *All property pins must be exposed and string lines put up before any inspections will be made.*
- ✓ *Inspections **WILL NOT BE DONE** if erosion control is not properly installed, maintained and functioning; a failed inspection will be noted on the permit file. Continued failure to comply with erosion control restrictions may result in a stop work order placed on the construction site and/or the city may prepare an incidence of non-compliance (NOI) document and send it to the Illinois Environmental Protection Agency. The contractor/owner will be responsible for any fines issued or penalties imposed.*



INSPECTIONS –

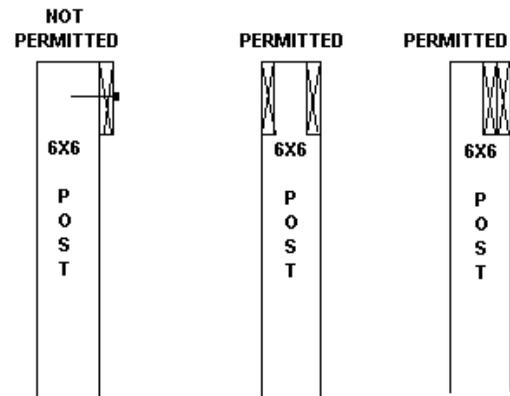
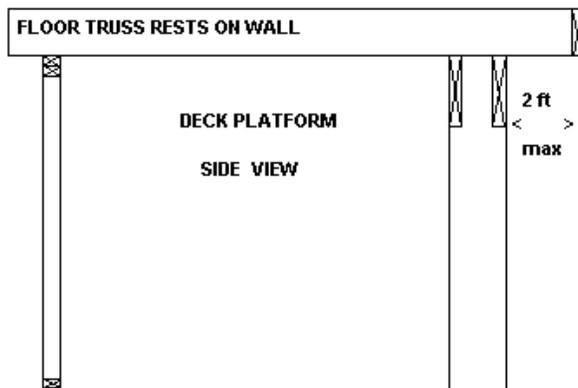
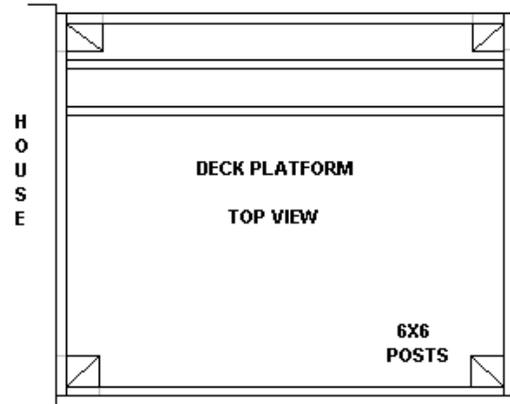
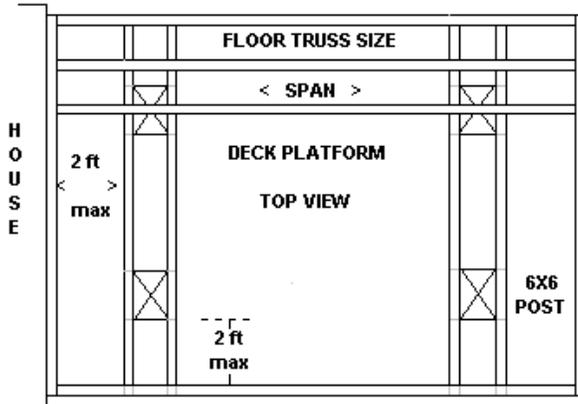
1. **Erosion Control** – Erosion control or silt fence must be in place prior to any grading or clearing activity. Silt fences must be properly installed in all areas where water flows from the lot onto another piece of property or to a natural drainage way. See pages 11 – 13 for proper erosion control installation details. Contractors shall inspect erosion control measures weekly and after each rainfall event of ½ inch or more over a 24-hour period. Silt fences shall not be removed until permanent final vegetation is established at a sufficient density to provide erosion control on the site.
2. **Footing Inspection** – This first inspection is made after all footing and frost walls are dug. Rock must be in place around the outside of the footing along with its drain system. Frost walls should wrap around the corners at least two feet. All footings and frost walls should be crumbed out and have no water or slop. All property pins must be exposed with string lines down the sides and reinforcing must either be in place or on-site.
3. **Pre-Pour Foundation Inspection** – Closer attention is given to the setback requirements on all sides. Again, all property pins must be exposed and string lines in place. Wall thickness and reinforcing are checked along with dowel pins and cleanliness of the footings for the walls. Foundations that stair-step down to a footing below (such as from a house to a garage), are checked closely for adequate support on footings. A 12-inch bridge is only permitted in that area with rebar installed properly. This usually is the time for thickened slab and beam post pad inspections. Note that any ‘bearing’ basement wall must have a thickened slab underneath for proper support.

4. **Post-Pour Foundation Inspection** – This inspection is made after foundation walls are poured and the damp-proofing is completed. Masonry walls shall have cement parging applied to the exterior of the foundation walls. All concrete or masonry foundation walls shall have an approved drainage system in place and anchor bolts properly spaced along the top of the foundation.
5. **Rough-In Inspection** – All roughs (electrical, mechanical, plumbing) must be completed before this inspection is scheduled. Special attention is given to the condition of roof and floor trusses after all subcontractors are finished. Inspections are also made on all headers, girders, beams, sheathing, and stairways along with clearances for fireplace chimneys and exhaust pipes. Arc-fault protection is required in all bedrooms. If the home is to include a deck, the piers and platform must also be inspected at this time. All decks are to be built self-standing and meet the specifications required by the City of Troy as shown on page 10.
6. **Electric Service Inspection** – A 200-amp minimum service is required for all new construction with a means for service disconnection installed at a readily accessible location either outside of the building or inside the nearest point of entrance of service conductors.
7. **Drywall Inspection** – This is done when all drywall is hung but before it's plastered or mudded and taped. All drywall must be the proper thickness where required and nailed or screwed off according to the fastener schedule.
8. **Final Inspection** – Before the home is occupied, all construction and rough grades must be completed. This includes removal of all construction trash on the job site and adjacent lots. All mechanical, electrical and plumbing components and fixtures must also be completed.

OTHER INSPECTIONS AND REQUIREMENTS –

- * The City inspects all sewer taps checking for uniform support, rock, pipe size and type and location in relation to driveways and water lines.
- * Roof and floor truss plans must be on every job site during the rough wire and framing inspection.
- * **Any walkout or partially exposed basement shall be designed by a professional engineer to establish minimum elevations and property grading necessary to prevent storm water damage.**
- * Temporary rock driveways must be installed for vehicles entering and leaving the site and must be a minimum of four inches deep. All vehicles must use the rock area to avoid tracking dirt or mud onto the street. Any dirt or mud tracked or washed onto the street must be cleaned up immediately.
- * Each jobsite shall maintain a construction dumpster of adequate size. If adjacent, up to three jobsites may share one dumpster of adequate size.
- * The portion of a driveway through which the city sidewalk passes shall have a maximum slope of one inch.

DECK SPECIFICATIONS –



General deck construction guidelines:

1. All decks shall be built to be self-standing and lag bolted to the home.
2. Decks higher than 30" off the ground:
 - a. Shall be built with 6" by 6" posts;
 - b. Shall have the rim, band or header board notched into the post if the floor trusses are not cantilevered;
 - c. Shall provide a guardrail not less than 36" tall around the perimeter of the deck with spindles no more than 4" apart; and
 - d. Where stairways are located, shall provide securely attached handrails between 34" and 38" tall with spindles no more than 4" apart. Open sides of stairways are not permitted.
3. Stair treads must be 10" wide from nose to nose.
4. All decks attached to the home must be provided with footings or piers at a minimum of 30" deep. An inspection of the piers must be made before they are poured.

EROSION CONTROL INFORMATION –

Taken from a Madison County Soil and Water Conservation District handout . . .

SEDIMENT CONTROL BY USE OF SILT FENCE

Silt fences are a type of sediment trap. They are installed around the perimeter of a construction site. Their purpose is to catch sediment in the runoff water. By holding the runoff temporarily, they allow some of the silt to settle out. When installed properly they can remove about 40% of the silt from the water. Silt fences are a barrier to runoff and should be installed across the slope of the land.

Here are some of the factors that go into a successful installation:

- The lower end of the mesh fiber should be trenched into the ground about 9-12 inches.
- Wooden stakes should support the fence and should be installed every 5 feet on the downhill side of the fence.
- They should not be used where water will concentrate into a gully.
- Silt fence should be installed prior to soil disturbance.
- They should not be used around the inlet to storm sewers.
- Silt fence will need to be reset/replaced when it is about 1/3 full of silt.
- The maximum area draining into a silt fence should not exceed 0.5 acres.

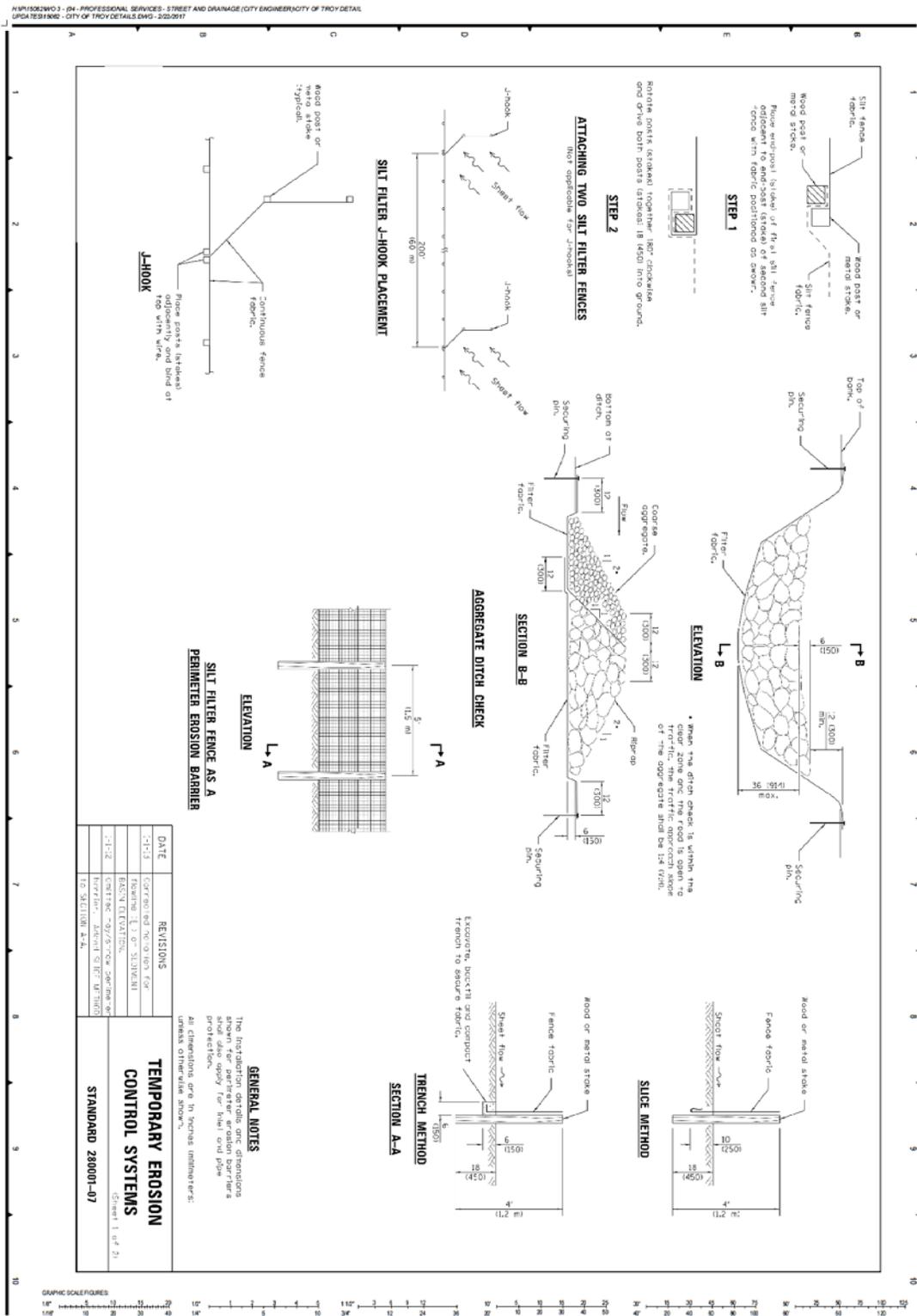
SILT FENCES CAN BE EFFECTIVE AS A SEDIMENT RETENTION DEVICE.

STRAW BALES— BEST ADVICE- DON'T USE THEM!!!

STRAW BALES SHOULD NOT BE USED AS AN EROSION OR SEDIMENT CONTROL PRACTICE. THEY CATCH VERY LITTLE SEDIMENT. WATER USUALLY RUNS UNDER OR AROUND THE BALES. BALES ONCENTRATE THE FLOW OF WATER. GULLY EROSION IS USUALLY WORSE WITH THE USE OF STRAW BALES.

DRAINAGE AROUND HOMES

- Most wetness problems are caused by homes built on soil with a *seasonally* high water table. (Not a spring)
- Foundation drains installed at or below the basement floor level are effective if outletted to a ditch or pipe that is lower and will drain by gravity.
- Sump pumps should be outletted to a storm sewer or natural drainage ditch
- Foundation drains that bring water back into the sump pump only provide temporary help. The water is simply recycled.



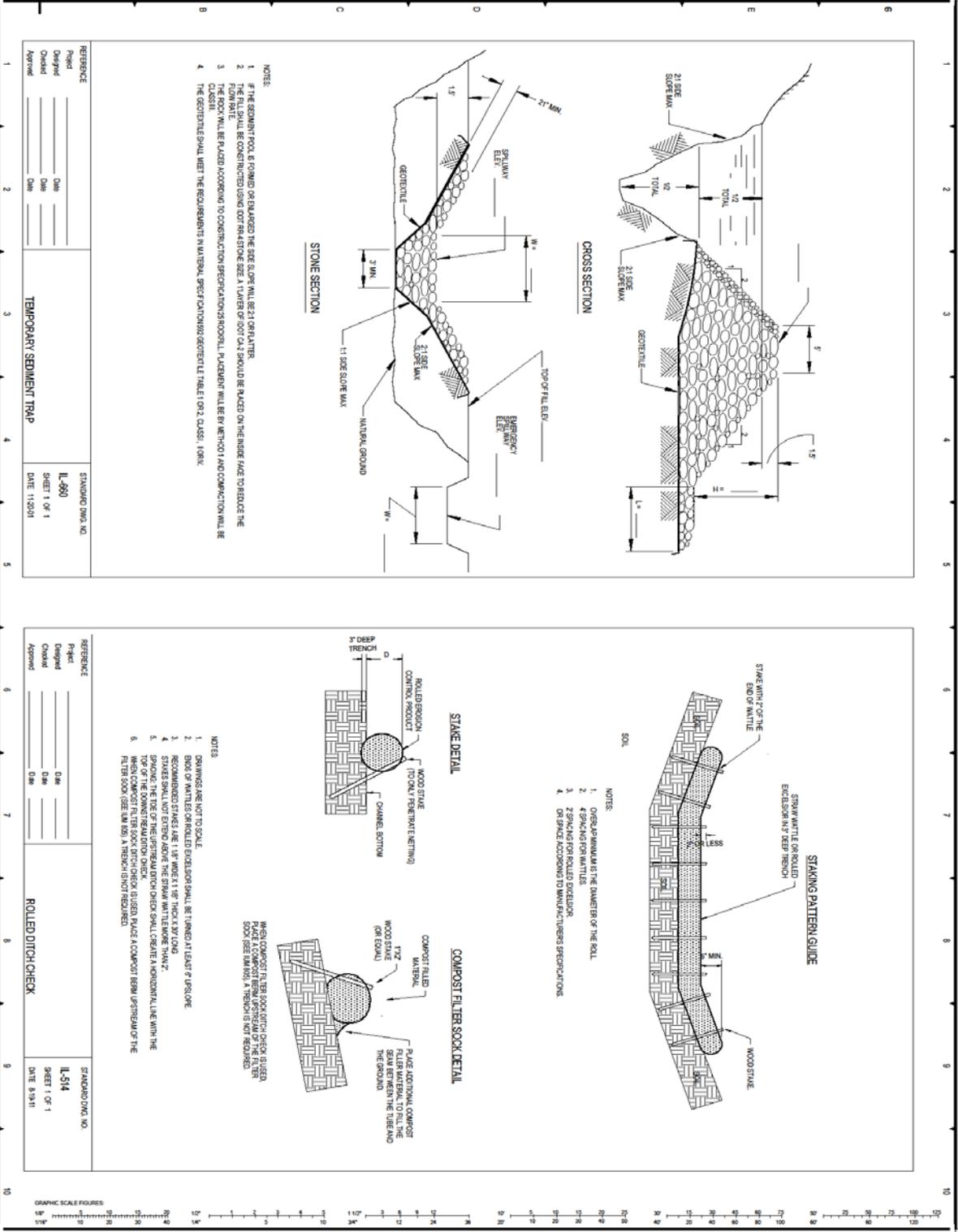
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 SHEET NO: 4.2

CITY OF TROY, ILLINOIS
 SOIL EROSION AND SEDIMENT CONTROL
 DETAILS

The City of TROY ILLINOIS
 Everything Within Reach

| NO. | DATE | REVISIONS | REMARKS |
|-----|------|-----------|---------|
| | | | |
| | | | |
| | | | |

HP15062W03-04 - PROFESSIONAL SERVICES - STREET AND DRAINAGE CITY ENGINEERING OF TROY DETAIL
 UPDATED: 10/02 - CITY OF TROY DETAILS.DWG - 02/20/17



GRAPHIC SCALE FIGURES

DATE: 02/22/17
 SHEET NO: 4.5

CITY OF TROY, ILLINOIS
 SOIL EROSION AND SEDIMENT CONTROL
 DETAILS

The City of TROY ILLINOIS
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