



CITY OF NAPERVILLE

Transportation, Engineering, & Development (T.E.D.) Business Group

APPLICATION INFORMATION: DECK and/or PATIO

The City of Naperville requires that all decks, or other secondary structures added to a residential structure have **an issued building permit prior to beginning any construction.**

NOTE: Permits are also required for the following common deck and patio accessories and involve special construction considerations: gazebo, spa, hot tub, patio trellis, deck cover, pergola, piers, fireplaces, pool, and electric line relocations. You may add one or more of these accessories to your deck permit application. Be sure to indicate these additions on your plans, plat of survey and permit application. Additional inspections will be required for each accessory added to a deck or patio.

DECK (see pages 1 to 4)

PATIO (See page 5)

DECK APPLICATION REQUIREMENTS

The following items must be submitted when applying for a deck permit:

- A. A completed and signed building permit application form.
- B. Five (5) copies of the legal plat of survey with the following information:
 1. The deck drawn to scale showing where it will be placed on the lot (See Example #3);
 2. The location of the electric meter, electric line and electric pedestal or pole and any other utilities located near or under the proposed deck; *
 3. All escape windows or other windows within the deck area;
 4. Indicate all other accessory structures (pool, shed, etc.) with distances between structures;
 5. Indicate any possible accessory structures (gazebo, spa, hot tub, trellis, deck cover, pergola, etc.) that might possibly be added to the deck in the future.

****For assistance in finding underground utility locations, contact J.U.L.I.E. at 1-800-892-0123. Be sure to allow 48 hours for service. Remember that the spray-painted utility lines must remain visible for a future inspection.***

- C. Two (2) copies of a Plan indicating the following (See Example #2):
 1. Location of all piers (post holes) as well as the distances from pier-to-pier and house-to-pier;
 2. Location, size, and span of all beams to be used in the deck;
 3. Location, size, spacing, and span of all joists to be used in the deck;
 4. Location, size, and details of any openings that will occur in the deck platform (See Example #4)
 5. Type of materials (treated lumber, cedar, plastic decking, etc.);
 6. Type of siding or finish material where deck attaches to house (aluminum or vinyl siding, wood siding, brick, EIFS (dryvit-type material), etc.);
 7. Any other pertinent information that may be unique to your deck.

- D. Two (2) copies of a Cross Section indicating the following (See Example #1):
1. Dimensions and depth of the concrete piers (post holes);
 2. Height of deck from grade to decking;
 3. Height of guardrail from decking;
 4. Post/beam assembly details;
 5. Ledger board and flashing details;
 6. Lateral Connection (decks greater than 30");
 7. Joist and beam sizes and spacing;
 8. Stair detail including riser height, tread width, guardrail height, and handrail detail. (See Examples #5a,5b and 5c)

PERMIT APPROVAL AND INSPECTION INFORMATION

All construction drawings must be legible and complete. **The items listed in “Application Information” must be included as part of your application. Omission of any of these items will delay the approval of your application for permit.** The applicant will be notified when the permit has been approved.

THE PERMIT

Every building permit shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance. The permit is to be displayed in the window nearest to the front door for the duration of the construction and inspection process. After the construction is complete, please remove the building permit from the window and retain it for your personal homeowner’s records.

INSPECTIONS

There are two (2) or three (3) required inspections during deck construction:

1. **DECK POST HOLE (PIER)/LEDGER BOARD INSPECTION** - This inspection is conducted prior to pouring the concrete. **Call to schedule the inspection.** The postholes (piers) will be inspected for diameter, depth, and to see that the soil at the bottom of each hole has been compacted. The ledger board will also be inspected at this time. Be sure that the ledger board has been properly mounted, flashed, and caulked for this inspection.
 - a. **ROUGH FRAMING INSPECTION** - This inspection is required for **all decks which are less than 48” above finished grade.** Inspection will verify that the structural elements of the deck, including floor joists, beams, columns, hangers and all bolted connections are installed correctly.
2. **FINAL INSPECTION** - This inspection is conducted after the deck has been completed. **Call to schedule this inspection.** The inspection of guardrail height, handrail location (if applicable), load capacity, stair treads and risers, lateral connection, and other aspects of the deck meet the requirements of Naperville’s Building Code.

SCHEDULING INSPECTIONS

Inspections are scheduled by calling 630/420-6100 option 1 between the hours of 8:00 a.m. and 4:00 p.m. Monday through Friday. **(Closed 1-2 pm daily)** Please have the **permit number** and **site address** ready. In addition, please allow a minimum of 72 hours when scheduling an inspection. **Deck inspections are not scheduled at a set hour but will take place on the requested day.** Inspections are conducted between 8 a.m. and 3 p.m. Monday through Friday.

CALL FOR THE POST HOLE (PIER)/LEDGER BOARD INSPECTION! All postholes (piers) must be the proper dimensions, well compacted, and dry. Verify that the ledger board is mounted and flashed properly. The grade beneath the deck must slope away from the house.

RESULTS OF INSPECTIONS

- An inspection sticker will be posted on the door or window nearest the inspection site and will indicate PASS or FAIL and include specific deficiencies or special instructions.
- If the inspection is a PASS, you may proceed with your project.
- If the inspection is a FAIL, make corrections and return to the Municipal Center at 400 S. Eagle St. to pay for and reschedule your failed inspection.

STRUCTURAL INFORMATION

MATERIALS (R507.2)

All structural members in deck construction (joists, beams, posts, ledger boards, etc.) must be of pressure-treated wood. Other areas of the structure may be of wood that is naturally resistant to decay and fungus (cedar, redwood, etc.). Other deck materials may be acceptable but must have prior approval. All fasteners shall be of hot-dipped zinc-coated galvanized steel, stainless steel, silicon bronze or copper, and appropriate hangers for the type of treated lumber used.

CONCRETE PIERS (R507.3)

Concrete postholes (piers) for decks in Naperville must be a sized per table R507.3.1 (or other approved method), 42” below grade, and at least 6” above grade. The posthole bottoms must be well compacted and free of water. **Postholes (piers) must be inspected prior to pouring any concrete.**

LEDGER BOARD (R507.9.1)

Ledger boards must be mounted to the house per R507.9. Corrosion resistant flashing (not less than 0.019 inch) shall be installed in a water tight manner. R507.2.4 Ledger boards shall not be directly attached to any bay window or door area or fireplace bump-outs.

R703.9.3 Exterior Insulation Finish Systems (EIFS) - Per Naperville Amendment

If any exterior finish system (EIFS) is installed on any portion of a dwelling unit for an exterior covering, a certification of proper installation shall be required to be submitted as a special inspection. Before permit issuance, a statement of special inspections prepared by the registered design professional shall be submitted detailing the individuals and approved agencies intended to be retained for conducting these inspections. This report and signed certification shall be submitted to the City before final permit approval.

All exterior penetrations, joints or seams in the building envelope shall be sealed with durable caulking material, closed with gasketing systems, taped or covered with moisture vapor-permeable house wrap.

LATERAL CONNECTION (R507.9.2)

Decks 30” or greater above grade shall be required to have a lateral connection. The prescriptive hold-down lateral connection as identified in figures R507.9.2(1) (2 locations) and R507.9.2(2) (4 locations) will be accepted.

FLOOR JOISTS (R507.6)

Floor framing plan must indicate the proper size and spacing of the floor joists for your deck. Please indicate dimensions for joist span and spacing (see table R507.6 and R507.7). Maximum joist cantilever shall be limited to one-fourth of the joist span or the maximum cantilever length specified in Table R507.6 (whichever is less). Joists shall have not less than 1-1/2” of bearing on wood or metal and not less than 3 inches of bearing on concrete or masonry.

POSTS (R507.4)

Deck posts shall be sized in accordance with Table R507.4:

4x4 post = 6 foot 9 inches maximum for three-ply beams

4x4 post = 8 feet maximum height for one-ply and two-ply beams

4x6 post = 8 feet maximum height

6x6 post = 14 feet maximum height

Posts shall have lateral restraint provided at the bottom end.

GUARDRAILS (R312.1)

Guardrails for decks must comply with the following guidelines:

1. Guardrail height must be a minimum of 36" and is required if the deck is more than 30" above grade.
2. Baluster spacing must not allow passage of a 4" sphere through the opening. Guardrails must be built to withstand a minimum of 200 pounds of horizontal pressure.

STAIRS (R311.7.5)

Decks higher than 7-3/4" above grade require the installation of stairs. Stairs must be a minimum of 36" wide. The minimum tread required is 10". The maximum riser height is maximum 7-3/4". (A 3/8" tolerance is acceptable between the largest tread/riser and the smallest tread/riser). Stairs with four (4) risers or more require a handrail on at least one side. Open sides of stairs with a total rise of greater than 30" above floor or grade must have guardrails on both sides of the stairs that are a minimum of 34" in height measured vertically from the nosing of the treads. Triangular openings formed by the riser, tread, and the bottom of the guardrail must be of such a size that a 6" sphere cannot pass through. Stairs over 36" in width require a third stringer.

STAIR HANDRAILS (R311.7.8.5)

A graspable stair handrail is required on at least one side of a stairway if there are four or more risers in a run of stairs. This handrail must meet the following criteria:

1. The handrail must be located at a height between 34" and 38" (measured vertically) above the nosing of the stair treads.
2. Handrails must be continuous for the full length of the stairs.
3. The ends of the handrails must be returned or terminate in newel posts or safety terminals.
4. Handrails adjacent to a wall space must have a minimum of 1-1/2" space between the wall and the handrail.
5. Required guardrails shall meet the requirements of Type I or Type II handrails as identified in R311.7.8.5.

VENTILATION (R408) and GRADING

All structural members are to be 1" minimum clear of ground contact to allow adequate ventilation of structure.

1. Solid skirting (airtight) requires 1 square foot (minimum) of ventilation per 150 square feet of crawl area with at least one (1) vent within 3 feet of the corner.
2. Vertical or horizontal boards spaced 1/4" minimum will allow adequate ventilation.
3. All skirted decks are to have an access panel 18" x 24" minimum size.

The grade under the deck must slope away from the house. If grading is to be adjusted, an approved grading plan may be required by T.E.D. engineers. New home construction shall have the area under the deck graded properly **before** the post hole/pier inspection.

PATIO APPLICATION INFORMATION

Brick paver and concrete patios over 500 sq. ft. in size and/ or ones requiring utilities (i.e., electric, plumbing, lighting, gas, and fireplaces) will require a permit.ALL SPORT COURTS REQUIRE A PERMIT REGARDLESS OF SIZE******

Submittal of a Patio Grading Certification is required for brick paver and concrete patios over 500 sq. ft. All patios, regardless of size, are required to comply with the setback requirements and be located outside of easement areas. The patio application process is similar to the deck application process. The following items must be submitted:

- A completed and signed application form.
- Five (5) copies of the legal plat of survey with the following information indicated:
 - The patio drawn to scale in its location on the lot;
 - The location of the electric meter, electric line, electric pedestal or pole; *
 - All escape windows or other windows within the patio area;
 - Any other utilities located near or under the proposed patio. *
 - Any other pertinent information that may be unique to your deck;
- Patio Grading Certification
- A cross section of the materials to be used in the patio.

Concrete patios require a minimum of a 4” thick compacted gravel base, and a minimum concrete thickness of 4” throughout the slab. Stairs poured in place are subject to the same requirements listed in the stair section on page 4 of this information packet, except concrete steps require 11” tread without nosing.

SPORT COURTS (Permit always required regardless of size.)

Screening of Sport Courts: A game court shall be screened with landscaping consisting of shrubs and/or bushes. The landscaping may be placed at any point between the sides of the game court facing adjacent lots and the lot line for the lot on which the game court is located. The landscaping need not provide a complete visual barrier to the game court but shall provide partial screening of the sides of the game court facing adjacent lots. The landscaping shall consist of shrubs and/or bushes planted at a maximum spacing of four feet (4') on center of each shrub or bush, and each shrub or bush shall have a minimum height of three feet (3') at the time of planting. A game court or a rear or side yard that includes a game court that is enclosed with a solid wood or a board-on-board fence or the equivalent screening shall not be required to provide the landscaping set forth in this subsection. (Ord. 00-02, 1-18-2000)

FEES See Building Permit Fee Schedule

CONTACT INFORMATION

Inspection Dispatch

Monday-Friday, 8 am to 4 pm (**Closed daily 1 pm-2 pm**)

630/420-6100 Option 1

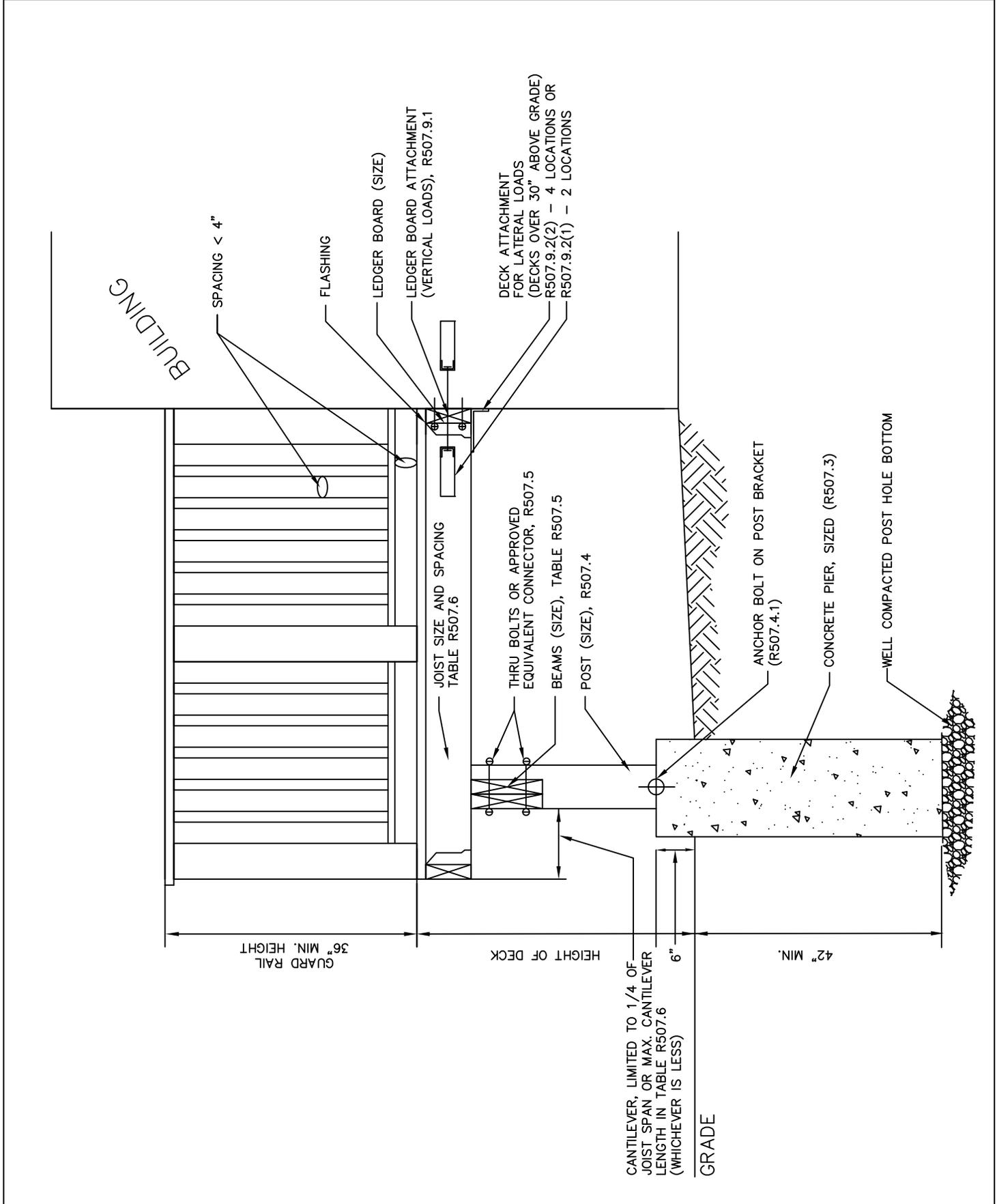
Development Services Counter

Monday-Friday, 8 am to 5 pm (**Closed daily 1 pm-2 pm**)

630/420-6100 Option 2

*******APPROVED PLANS MUST BE KEPT ON SITE*******

EXAMPLE1.DWG



EXAMPLE #1
DECK - CROSS SECTION VIEW

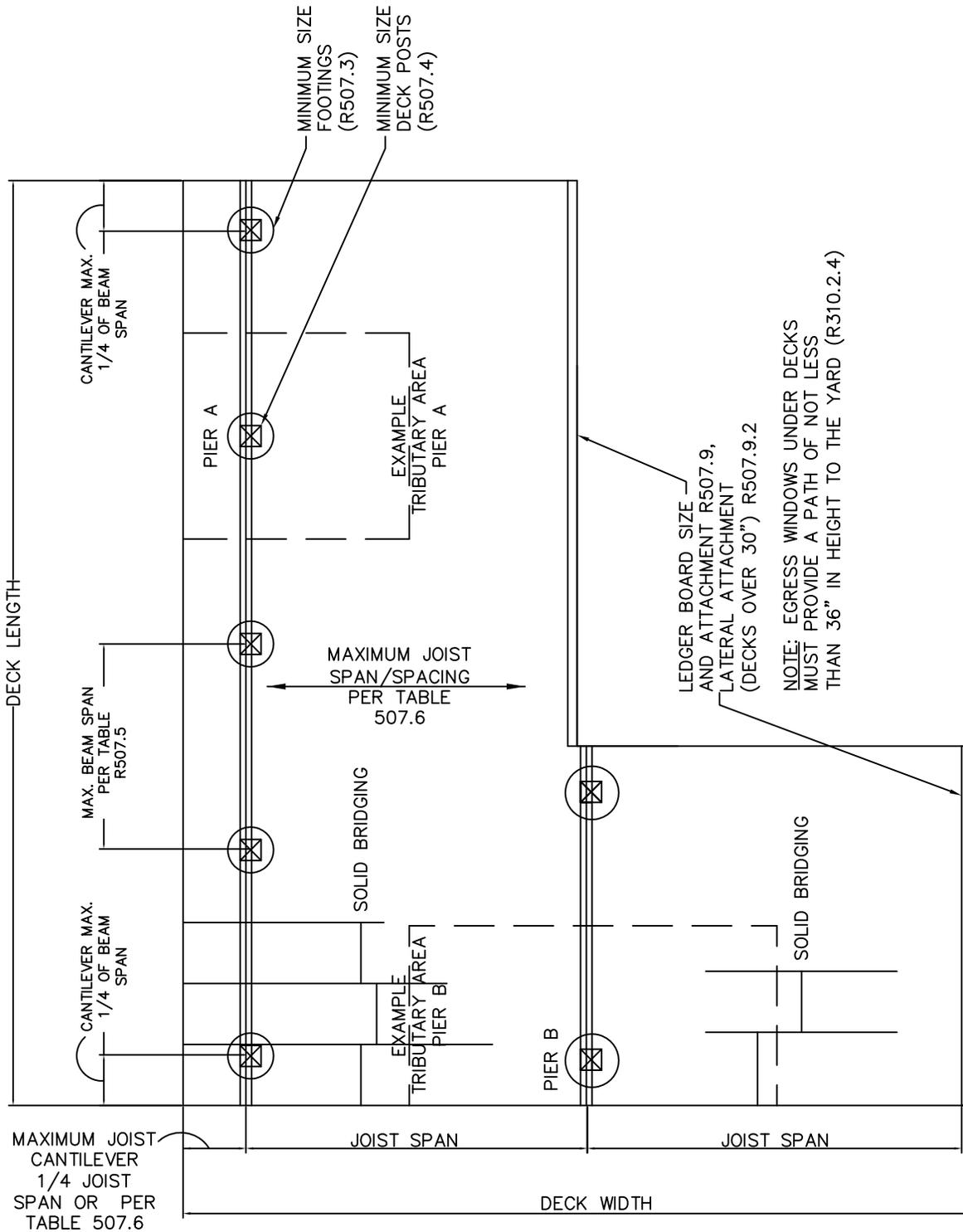
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-	KS



TRANSPORTATION, ENGINEERING AND DEVELOPMENT
BUSINESS GROUP
400 S. EAGLE NAPERVILLE, ILLINOIS 60540

SCALE:
NTS

DATE:
1/1/2019



EXAMPLE #2
DECK - PLAN VIEW

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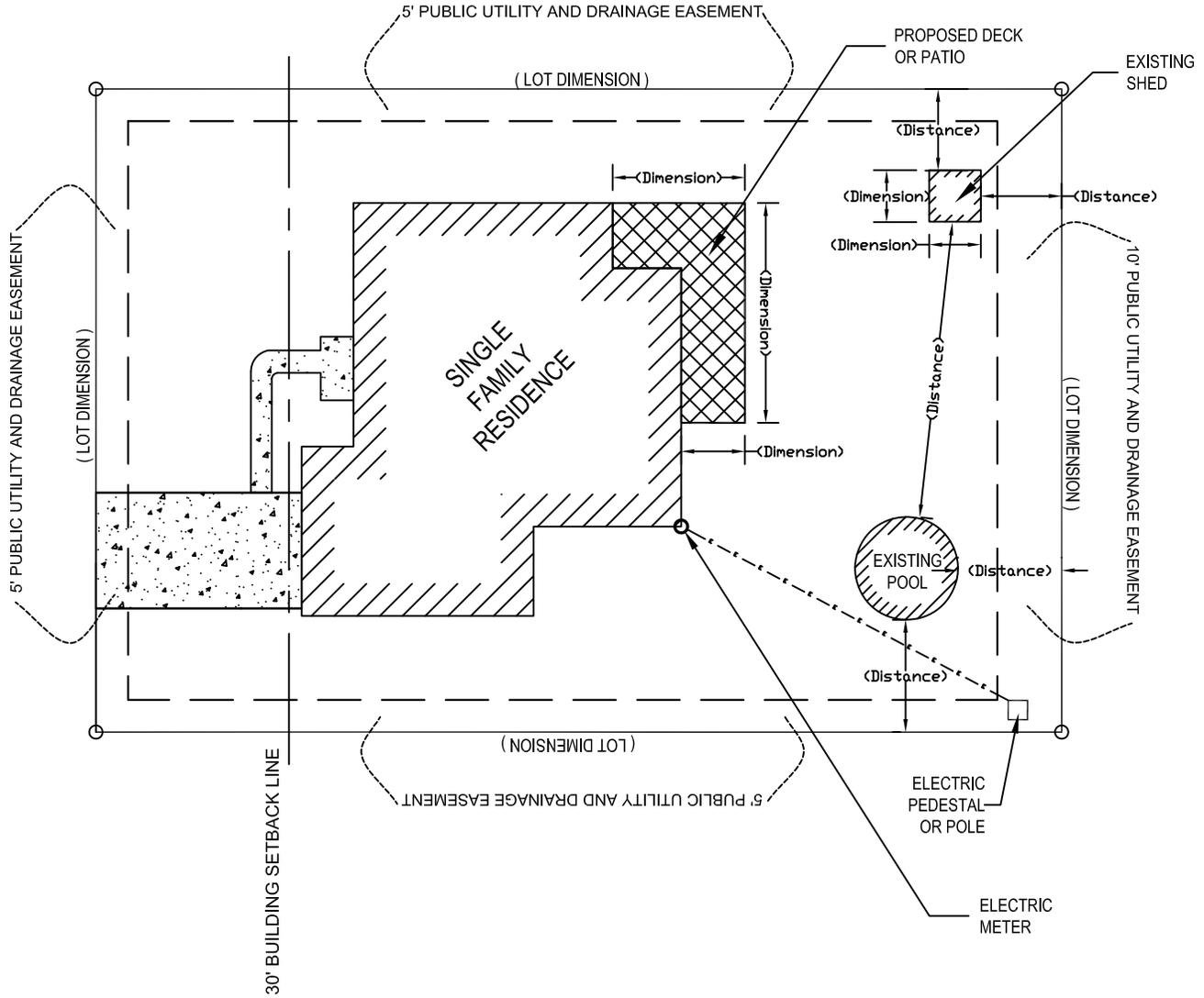
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BUSINESS GROUP
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SCALE:	DATE:
NTS	01/01/2019



PLAT OF SURVEY

LOT __ IN BLOCK __ IN __ AT NAPERVILLE UNIT __, BEING A SUBDIVISION OF PART OF THE
 ____ QUARTER OF SECTION __, TOWNSHIP __ NORTH, RANGE __ EAST OF THE THIRD
 PRINCIPAL MERIDIAN ACCORDING TO THE PLAT THEREOF RECORDED ____, ____, AS
 DOCUMENT NO. R-__ IN ____ COUNTY, ILLINOIS.



- GENERAL NOTES:**
1. MUST SHOW PROPOSED DECK OR PATIO DRAWN TO SCALE SHOWING WHERE IT WILL BE PLACED ON THE LOT.
 2. MUST INCLUDE LEGAL DESCRIPTION OF THE LOT.
 3. MUST SHOW LOCATION OF ELECTRIC METER, ELECTRIC PEDESTAL OR POLE, ELECTRIC LINE AND ANY OTHER UTILITIES LOCATED NEAR OR UNDER THE PROPOSED DECK.
 4. MUST SHOW ALL ESCAPE WINDOWS OR OTHER WINDOWS IN DECK AREA.
 5. MUST SHOW ALL EXISTING ACCESSORY STRUCTURES TO SCALE WITH DISTANCES BETWEEN STRUCTURES.
 6. MAY SHOW ANY POSSIBLE STRUCTURES THAT MAY BE ADDED TO THE DECK IN THE FUTURE.

JULIE CALL J.U.L.I.E.
 BEFORE EXCAVATING
 1-800-892-0123

EXAMPLE #3
 SAMPLE PLAT OF SURVEY

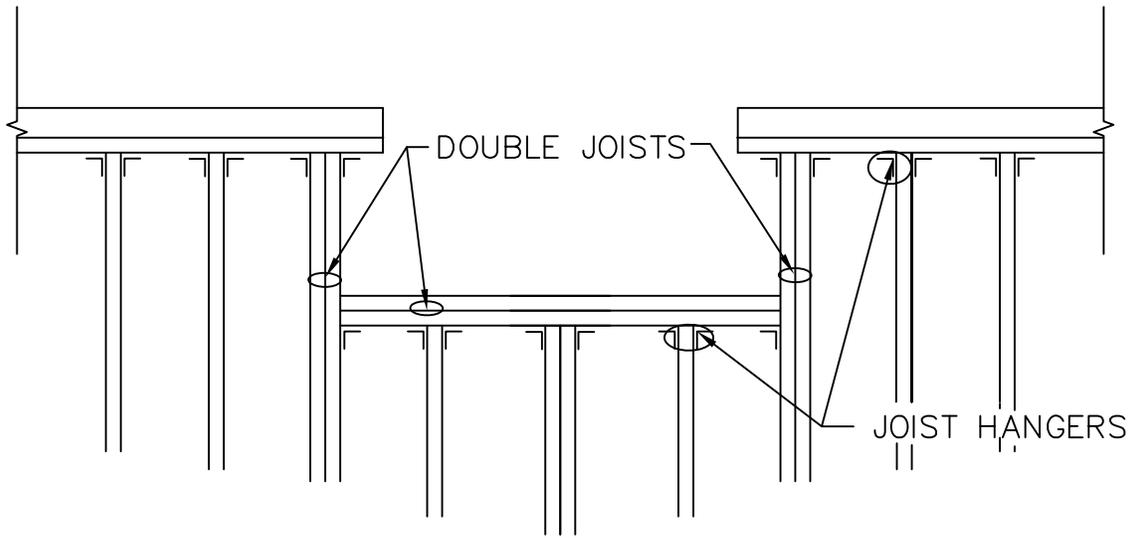
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SCALE:	DATE:
NTS	1/1/2019

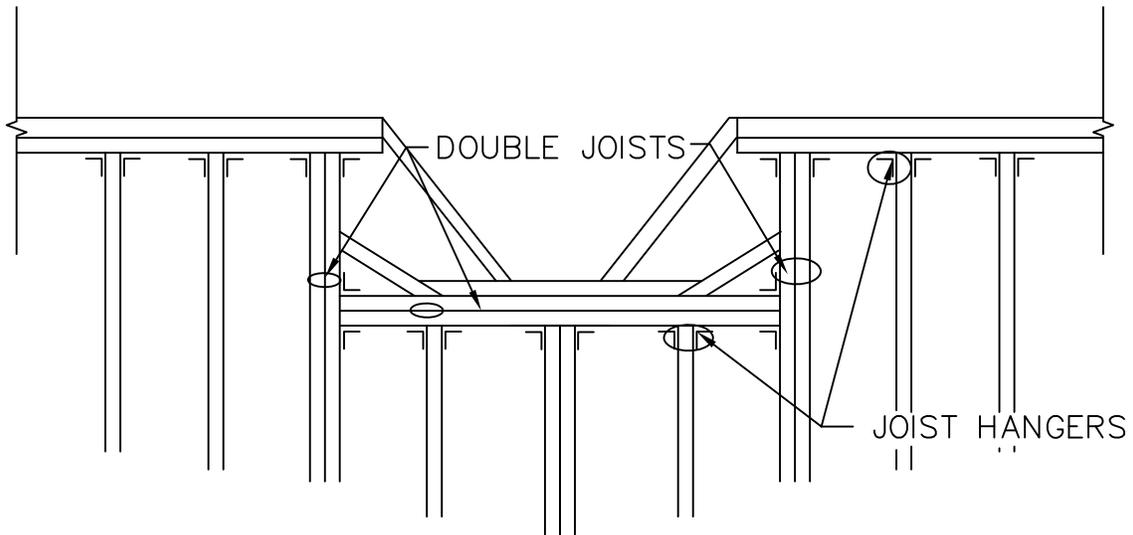


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EXAMPLES.DWG



A. FIREPLACE FRAMING DETAIL



B. BAY WINDOW FRAMING DETAIL

EXAMPLE #4
FRAMING DETAILS

CHECKED: DRAWN:

KS SNS

SCALE:

DATE:

NTS

01/01/2019

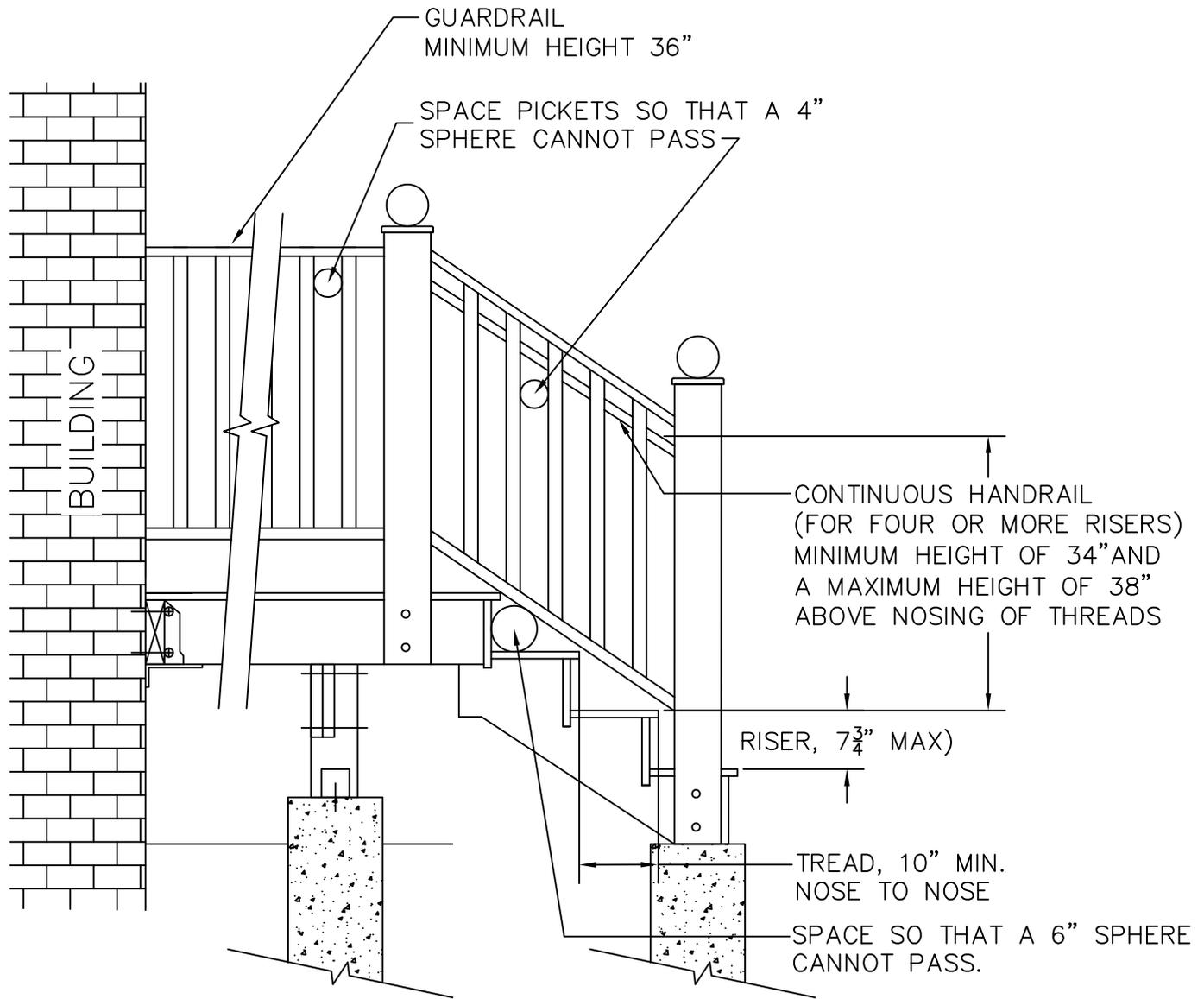
EXAMPLE4.DWG



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EXAMPLE #5A
 STAIR DETAIL – VIEW 1

CHECKED: DRAWN:

KS SNS

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SCALE:

DATE:

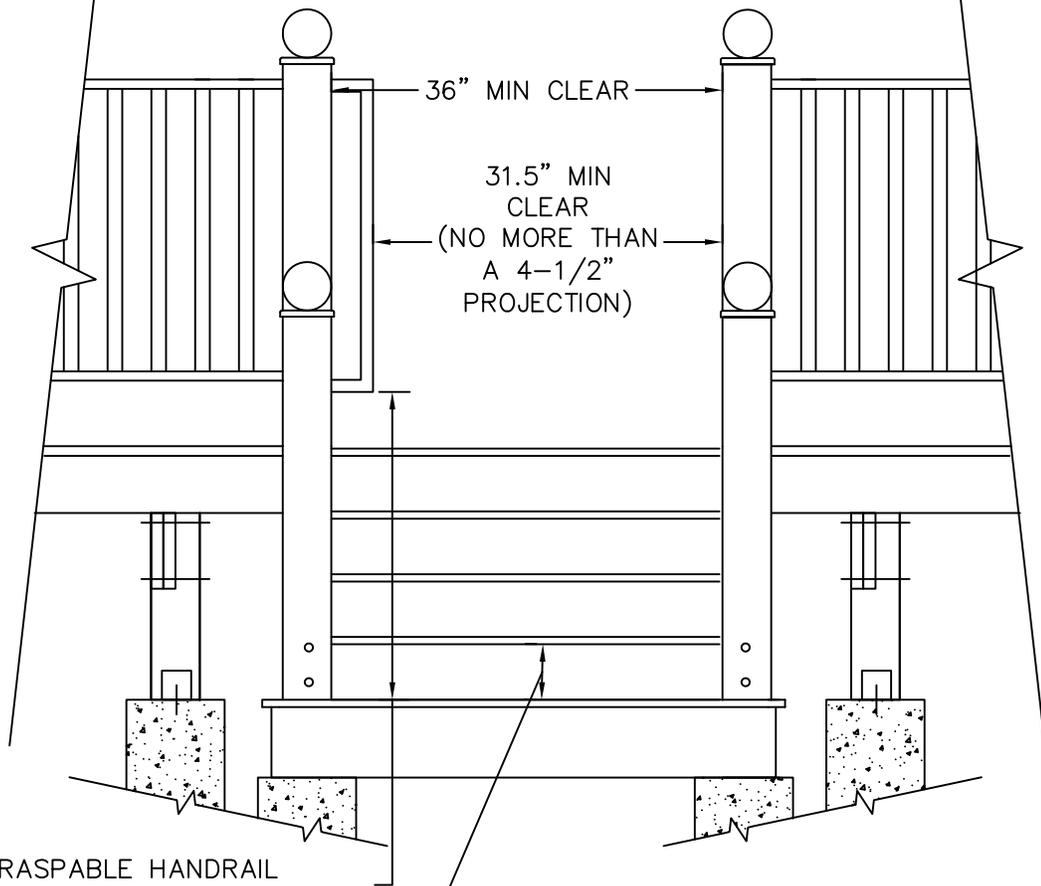
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EXAMPLE5A.DWG



Naperville



GRASPABLE HANDRAIL
 34"–38" ABOVE NOSING OF TREADS
 MAXIMUM 7–3/4" RISER (NOTE: OPEN
 RISERS SHALL NOT PERMIT THE
 PASSAGE OF A 4-INCH DIAMETER SPHERE)

A GRASPABLE HANDRAIL IS REQUIRED ON AT LEAST ONE SIDE OF A STAIR WITH FOUR OR MORE RISERS. THE HANDRAIL SHALL BE CONTINUOUS FOR THE FULL LENGTH OF THE FLIGHT AND RETURN OR TERMINATE AT A NEWEL POST OR SAFETY TERMINAL.

TYPE 1 HANDRAILS: OUTSIDE DIAMETER OF NOT LESS THAN 1–1/4" AND NOT GREATER THAN 2"; IF NOT CIRCULAR, IT SHALL HAVE A PERIMETER OF NOT LESS THAN 4 INCHES AND NOT GREATER THAN 6–1/4" AND A CROSS SECTION OF NOT MORE THAN 2–1/4". EDGES SHALL HAVE A RADIUS OF NOT LESS THAN .01 INCH.

TYPE 2 HANDRAILS: HANDRAILS WITH A PERIMETER GREATER THAN 6–1/4" SHALL HAVE A GRASPABLE FINGER RECESS AREA ON BOTH SIDES OF THE PROFILE; THE FINGER RECESS SHALL BEGIN WITH 3/4" MEASURED VERTICALLY FROM THE TALLEST PORTION OF THE PROFILE AND HAVE A DEPTH OF NOT LESS THAN 5/16" WITHIN 7/8" BELOW THE WIDEST PORTION OF THE PROFILE. THIS REQUIRED DEPTH SHALL CONTINUE FOR NOT LESS THAN 3/8" TO A LEVEL THAT IS NOT LESS THAN 1–3/4" BELOW THE TALLEST PORTION OF THE PROFILE. THE WIDTH OF THE HANDRAIL ABOVE THE RECESS SHALL BE NOT LESS THAN 1–1/4" AND NOT MORE THAN 2–3/4". EDGES SHALL HAVE A RADIUS OF NOT LESS THAN 0.01".

EXAMPLE #5B
 STAIR DETAIL – VIEW 2

CHECKED: DRAWN:

KS SNS

SCALE:

DATE:

NTS

01/01/2019

EXAMPLE5B.DWG



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DECK LATERAL LOAD CONNECTION

Why? Lateral loads can result from people moving around on your deck, earthquakes, flooding (movement). In severe cases, these loads can result in the ledger board being ripped from the house wall and collapsing.

What? 2018 IRC R507.9.2 Lateral Connection (applies to decks greater than 30” in height per Naperville Municipal Code)

- A. Hold down tension devices in not less than two locations per deck within 24” of each end of the deck. Each device shall have an allowable stress design capacity of not less than 1,500 lbs.

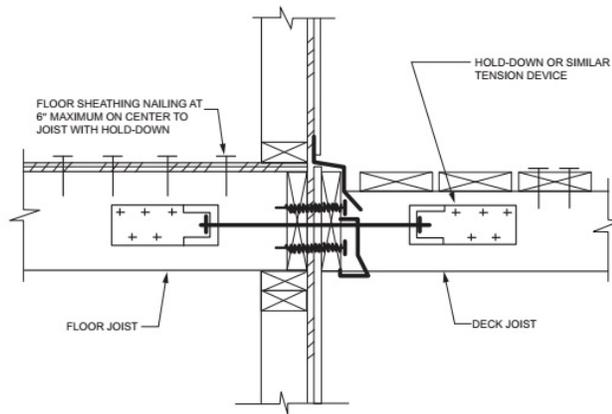


FIGURE R507.9.2(1)
DECK ATTACHMENT FOR LATERAL LOADS

- B. Hold down tension devices in not less than four locations per deck; each device shall have an allowable stress design capacity of not less than 750 pounds.

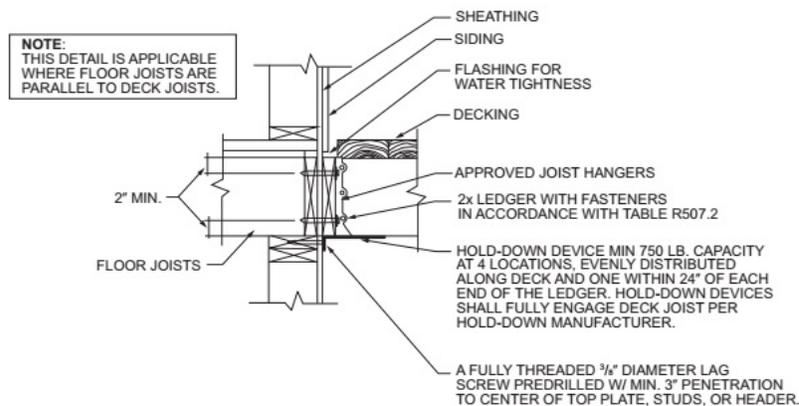


FIGURE R507.9.2(2)
DECK ATTACHMENT FOR LATERAL LOADS



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DECK BEAM BEARING

Why? Connection requirements emphasize the ability of the beam to transfer vertical loads to the posts below; the connections must also resist lateral forces.

What? 2018 IRC R507.5.1 Deck Beam Bearing and R507.5.2 Deck Beam Connection to Supports

- A. R507.5.1 Deck Beam Bearing – the ends of beams shall not have less than 1-1/2 inches of bearing on wood or metal and not less than 3 inches of bearing on concrete or masonry for the entire width of the beam.
- B. R507.5.2 Deck Beam Connection to Supports – deck beams shall be attached to supports in a manner capable of transferring vertical loads and resisting horizontal displacement.

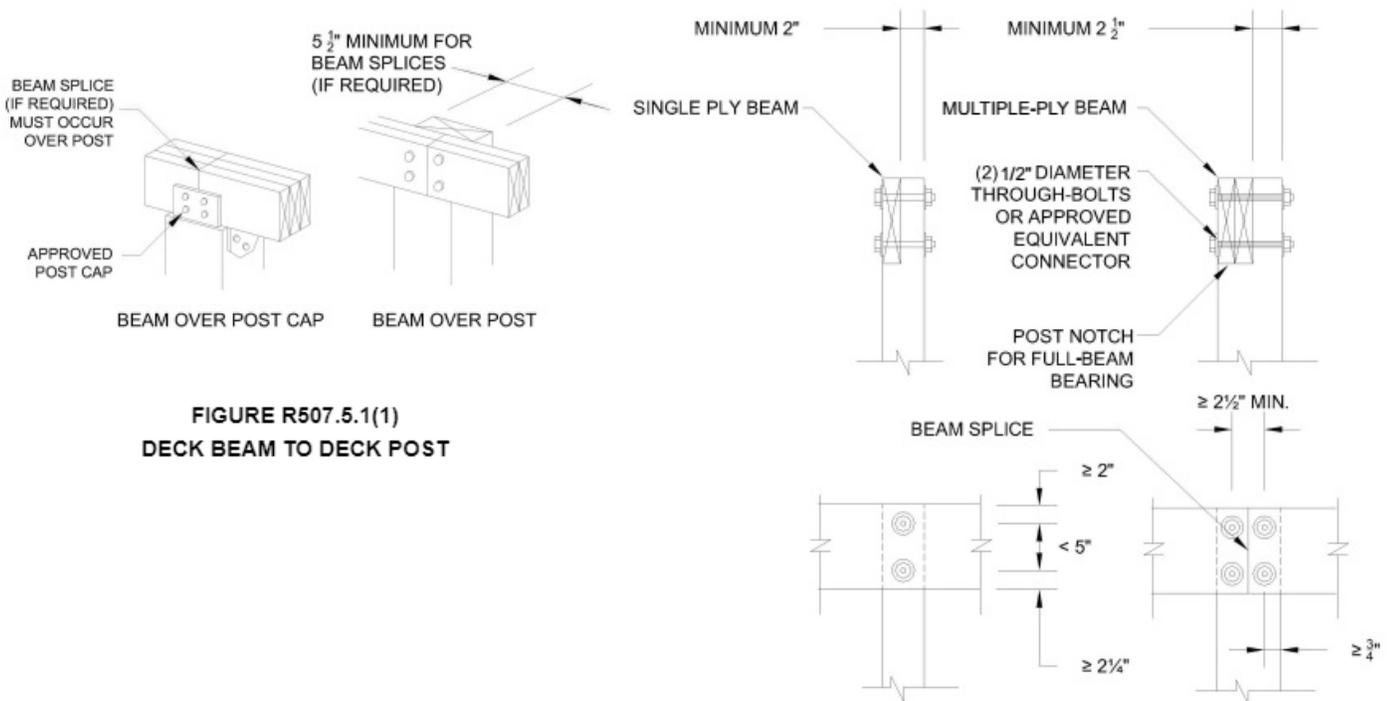


FIGURE R507.5.1(1)
DECK BEAM TO DECK POST

FIGURE R507.5.1(2)
NOTCHED POST-TO-BEAM CONNECTION



Naperville

Deck Pier Sizing – 2018 IRC

Prescriptive Method:

Minimum size of concrete footings shall be in accordance with IRC Table R507.3.1 based on the tributary area and allowable soil-bearing pressure in accordance with Table R401.4.1 (assumed 3000 psf unless otherwise known).

2018 IRC Table R507.3.1 Minimum Footing Size for Decks				
Load (psf)	Tributary Area (sf)	Load Bearing Value of Soil (3000 psf)		
		Side of a Square Footing (inches)	Diameter of a Round Footing (inches)	Thickness (inches)
50	20	12	14	6
50	40	12	14	6
50	60	13	15	6
50	80	15	17	6
50	100	17	19	6
50	120	19	21	6
50	140	20	23	7
50	160	21	24	8

Calculated Load Method:

To determine the load on the deck pier, the tributary area must be determined and then multiplied by 50 psf (40 psf live load + 10 psf dead load). This calculation must be less than or equal to the Total Allowable Load in Pounds of the proposed diameter pier (Table A).

Calculated Load: Table A			
Diameter in Inches	Square Foot Multiplier	Soil Capacity in Pounds	Total Allowable Load in Pounds
8" dia.	.349	3,000 lbs	1047 lbs
10" dia.	.545	3,000 lbs	1635 lbs
12" dia.	.785	3,000 lbs	2355 lbs
14" dia.	1.068	3,000 lbs	3204 lbs
16" dia.	1.396	3,000 lbs	4188 lbs
18" dia.	1.766	3,000 lbs	5298 lbs

Example (12x22 deck attached to home):

Prescriptive

Pier A Tributary Area =

$$3.5' \times 7' = 24.5 \text{ sf}$$

Pier B Tributary Area =

$$5' \times 7' = 35 \text{ sf}$$

Solution per

IRC Table R507.3.1:

14" dia. pier at all locations

Calculated

Pier A/E:

$$(3.5' \times 7') \times 50 \text{ psf} = 1225 \text{ lbs}$$

Pier B/C/D:

$$(5' \times 7') \times 50 \text{ psf} = 1750 \text{ lbs}$$

Solution per Table A:

10" dia. pier at A/E,

12" dia. pier at B/C/D

Calculated with Additional Piers

(6 piers instead of 5)

Pier A/E:

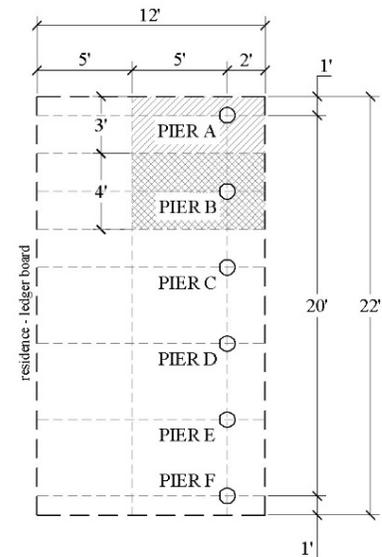
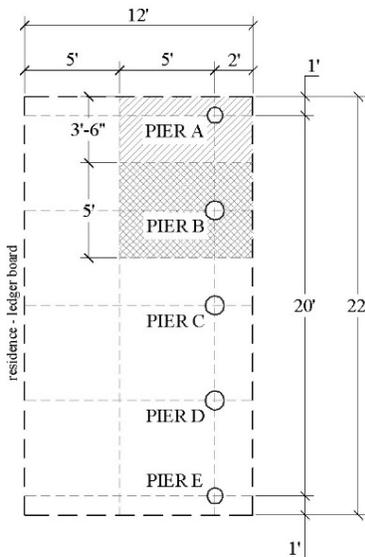
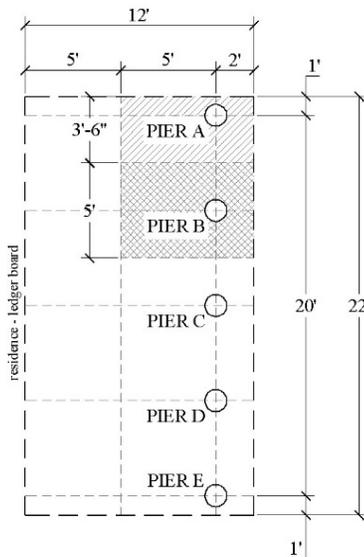
$$(3' \times 7') \times 50 \text{ psf} = 1050 \text{ lbs}$$

Pier B/C/D:

$$(4' \times 7') \times 50 \text{ psf} = 1400 \text{ lbs}$$

Solution per Table A:

10" dia. pier at all locations





Naperville

Transportation, Engineering & Development (T.E.D.) Business Group

PATIO GRADING CERTIFICATION

We, the below listed signees, acting as owners of the below listed property and on behalf of _____ (contractor responsible for grading around the patio), verify the following:

1. We will provide positive drainage, within the City of Naperville’s grading requirements of 1.5% to 25% slopes, and in conformance with the subdivision master grading plan, to drain around the patio to be installed on said property. As part of this grading, we will not adversely affect any of our neighbors’ property.
2. We certify that the patio or associated grading will not be installed in whole or in part within five (5) feet of any easements, without an approved detailed grading plan, prepared by and signed and sealed by an Illinois licensed professional engineer.
3. We certify the patio will not be installed within fifteen (15) feet of the property line, without an approved detailed grading plan, prepared by and signed and sealed by an Illinois licensed professional engineer.
4. Any grading or re-grading to meet the City’s grading requirement will be our responsibility at our cost. We will not hold the City of Naperville liable for any damages that may occur from inadequate grading.

Street Address: _____

PIN Number: _____

Signed: _____ Dated: _____
(contractor responsible for grading around the patio)

Signed: _____ Dated: _____
(property owner)

Signed: _____ Dated: _____
(property owner)

Please note:

There may be sites that meet the above requirements, but due to other grading constraints on the site, may still require a detailed grading plan, prepared by and signed and sealed by an Illinois licensed professional engineer.



CITY OF NAPERVILLE

Transportation, Engineering, & Development (T.E.D.) Business Group

**APPLICATION FOR SECONDARY BUILDING PERMITS
(DECK / PATIO / GAZEBO / CENTRAL AIR / POOL, etc.)**

This is an application for a building permit. Five (5) photocopies of the legal PLAT OF SURVEY for the property in question are required prior to further consideration. These must be signed and sealed by an Illinois Land Surveyor.

PLEASE TYPE OR PRINT CLEARLY.

SUBDIVISION _____
UNIT NUMBER _____ LOT NUMBER _____
ADDRESS _____
ZIP CODE _____

APPLICANT _____
ADDRESS _____
CITY _____ ST _____ ZIP _____
PHONE (_____) _____
EMAIL _____

TYPE OF STRUCTURE: _____
DIMENSIONS OF STRUCTURE:
HEIGHT _____ WIDTH _____ LENGTH _____
MATERIAL: WOOD _____ COMPOSITE _____
ZONING OF PROPERTY _____
ESTIMATED COST OF WORK _____

GENERAL CONTRACTOR _____
ADDRESS _____
CITY _____ ST _____ ZIP _____
PHONE (_____) _____
EMAIL _____

ELECTRICAL CONTRACTOR (if applicable):

ADDRESS _____
CITY _____ ST _____ ZIP _____
PHONE (_____) _____
EMAIL _____
NAPERVILLE REGISTRATION NUMBER _____

PROJECT CONTACT PERSON: (Please print.) _____

PHONE (_____) _____
EMAIL _____

OWNER _____
ADDRESS _____
CITY _____ ST _____ ZIP _____
PHONE (_____) _____
EMAIL _____

PLEASE FILL OUT REVERSE SIDE. >>>>>>>>

APPLICANT REPRESENTS: (Please check one.)

- a. Natural Person (Self) -- _____
- b. Corporation -- _____
- c. Land Trust/Trustee -- _____
- d. Trust/Trustee -- _____
- e. Partnership -- _____
- f. Joint Venture -- _____
- g. Other (describe) _____

If in your answer you checked b, c, d, e, f, or g, identify by name and address each person or entity who is a minimum 5% shareholder in the case of a corporation, a beneficiary in the case of a trust or land trust, a joint venture in the case of a joint venture, or who otherwise has a proprietary interest, interest in profits and losses or right to control such entity:

	<u>Name</u>	<u>Address</u>	<u>Interest</u>
a.	_____	_____	_____
b.	_____	_____	_____
c.	_____	_____	_____
d.	_____	_____	_____

UNDER THE PENALTIES OF PERJURY AS PROVIDED BY LAW, THE UNDERSIGNED CERTIFIES THAT THE STATEMENTS SET FORTH IN THIS APPLICATION, PLANS, SPECIFICATIONS AND PLAT ARE TRUE AND CORRECT AND ARE IN ACCORDANCE WITH THE PROVISIONS AND REGULATIONS OF THE BUILDING CODE AND ALL OTHER CODES AND ORDINANCES OF NAPERVILLE APPLICABLE THERETO AND IN FORCE WHEN CONSTRUCTION IS COMMENCED. IF THE APPLICANT KNOWINGLY FALSIFIES ANY INFORMATION IN THIS APPLICATION, APPLICANT SHALL BE CONSIDERED IN VIOLATION OF SECTION 1-12-4 OF THE NAPERVILLE MUNICIPAL CODE AND SHALL BE FINED NOT LESS THAN FIFTY DOLLARS (\$50) NOR MORE THAN FIVE HUNDRED DOLLARS (\$500).

SIGNATURE OF APPLICANT _____ **DATE** _____

SIGNATURE OF OWNER/AGENT _____ **DATE** _____



Naperville

City of Naperville Department of Public Utilities – Electric

Contractors and Homeowners -- Before starting any deck or patio project:

The Naperville Department of Public Utilities – Electric is dedicated to providing your home with safe and reliable electric service. Rules have been established to prevent your new deck or patio from interfering with your electric service. These rules are compliant with the National Electric Safety Code and the National Electric Code.

Underground Service Areas

1. Underground service conductors are not permitted under a deck or patio.
2. Meters will not be permitted on a patio or on or under a deck or inside a home.
3. Deck posts shall maintain an 18-inch side clearance from the underground service conductors.
4. If an electric meter needs to be relocated, DPU-E will determine and designate all meter locations for new, modified or rehabilitated installations.
5. During the permitting process, contractors may be asked to stake out the proposed construction area.
6. If there will be excavation, call J.U.L.I.E. at 811, a free service, a minimum of 48 hours before digging.
7. Note: Any required relocation of service conductors or metering equipment is done at the owner's expense. (Service relocations can cost thousands of dollars.)

Overhead Service Areas

Note: These rules apply only to 120/240V service drop conductors connected to the home in question.

1. Overhead service conductors must be 10 feet above a patio or deck.
2. Service drop conductors shall maintain no less than a 3-foot horizontal clearance from the deck and any doors and windows.
3. Other rules may apply based on specific situations.
4. If these clearances cannot be maintained, the electric service and metering will need to be relocated at the expense of the owner.

For more information, contact DPU-E Electrical Engineering Technician Heather Hanselmann at (630) 420-6189.



CITY OF NAPERVILLE
Transportation, Engineering, & Development (T.E.D.) Business Group

Outdoor Fire Pits and Fireplaces – Required Distances from Structures

Why? Code requirements establish a minimum requirement for providing a reasonable level of life safety and property protection from the hazards of fire.

What? Section 307 of the International Fire Code established standards for open burning, recreational fires, and portable outdoor fireplaces. It shall be unlawful and a nuisance for any person to burn or cause to be burned anywhere in the City any leaves, branches or similar foliage from trees, shrubs, bushes or plants. (Naperville Municipal Code, 4-1-5)

- Wood burning fires in approved containers shall be 15 feet or greater from a combustible structure. No permit is required for portable containers (a permit is required for the remainder of items on this page). Examples of approved containers:



- Wood burning fire pits are required to be 25 feet from a structure where the pile size is 3 feet or less in diameter (and 2 feet or less in height). If greater than 3' in diameter, a 50' distance to combustible structures is required. A permit is required for a fire pit.



What if I have a gas burning fire pit or gas starter? If the gas fire pit is able to be wood burning, or easily convertible to a wood burning application – the above wood burning clearance requirements will apply.

What if I have a gas burning fire feature? If the gas fire feature is not capable of being modified into a wood burning application, minimum distances would be regulated by the manufacturer's specifications.

What if I have a fireplace? If the fireplace complies with all aspects of Section R1001 of the International Residential Code, including aspects such as footing, flue, chimney, hearth, smoke chamber, etc., placement would only be regulated by the minimum dimensions as defined in section R1001 (for example – at a fireplace opening of < 6 feet, 8" is required each side of the hearth and 16" is required in front of the hearth; a chimney shall extend not less than 2 feet higher than any portion of a building within 10 feet).

NOTE: A portable fire extinguisher or other approved on-site fire-extinguishing equipment shall be available for immediate utilization at all recreational wood burning sites.