



TOWN of CHEEKTOWAGA

Permit Application for Swimming Pools, Hot Tubs, or Personal Spas

____/____/20____
Date of Application

Received By

Permit No.

APPLICANT to COMPLETE the PINK PORTION !

Applicant's Name _____ (____) _____ (____) _____
Daytime Phone No. Cell Phone No.

Legal Address of Installation _____ Cheektowaga, NY 14____ @ _____
email address

Property Owner's Name _____ (____) _____ (____) _____
Daytime Phone No. Cell Phone No.

Property Owner's Address _____ City _____ State _____ Zip code _____ @ _____
email address

PROJECT INFORMATION

Check all that apply to your installation.

- in-ground pool above-ground pool seasonal pool hot tub personal spa
- round ____ft. (diameter) rectangular ____ft. (length) x ____ft. (width) water depth ____ft.
- interior lot corner lot over head electrical on property under ground electrical on property
- pool alarm provided barrier not required * pool heated pool unheated

Pool Installer: _____ @ _____
email address:
(____) _____
Address: _____ Phone No.

Value of Pool: \$_____.00, including equipment and installation, deck (if not a separate permit) and barrier (if required).

SUPPLEMENTAL INFORMATION REQUIRED

- Copy of property survey showing proposed pool, decking and equipment location *
- Power utility over head electrical clearance verification *
- Drainage plan for in-ground pool installation, approved by the Town Engineer
- Barrier for pools having an exterior wall height of less than 48" above grade *
- Heated pool equipment and control specifications compliant with the 2014 NYSEC
- Owners Authorization Letter
- Certificates of Insurances or waivers thereof

* See additional information regarding these items on the reverse side of this document.

All associated electrical wiring and installation work is required to be inspected by one of the following:

Commonwealth Electrical Inspection Services, Inc. 716-207-0422 or 716-868-1062
Atlantic Inland, 716-731-4748 • Niagara Frontier Inspection Agency, 716-276-1200

PROPERTY SURVEY

A copy of the property survey is required to verify property setbacks and any easements or right of ways. The owner or pool installer shall indicate the size and location of the proposed pool on the survey copy including distances from all property lines, easements, ROWs and structures. Pool decks and equipment as well as overhead utility line(s) locations shall also be indicated on the survey copy.

(The pool, equipment and decking shall be located a minimum of 5 feet from all lot lines and clear of any easement or right of way.)

OVERHEAD POWER LINE SURVEY

The electric service provider shall be contacted and a request made to have them physically verify the proposed pool and associated equipment location in relationship to any adjacent overhead electrical lines.

(The pool, equipment and decking shall be located a minimum distance from directly under the overhead power distribution lines and/or from directly under the overhead service drop line as directed by the servicing utility provider.)

POOL ALARMS

An independently tested and approved audible pool alarm shall be in place at the time of the final inspection.

R326.7.1 Applicability A swimming pool or spa installed, constructed or substantially modified after December 14, 2006, shall be equipped with an approved pool alarm. Pool alarms shall comply with ASTM F2208, and shall be installed, used and maintained in accordance with the manufacturer's instructions and with Sections R326.7.2 through R326.7.4 of the 2015 International Residential Code as amended by the NYS Building Standards and Codes 2016 Uniform Code Supplement.

BARRIER REQUIREMENTS

R326.5.2 Temporary Barriers An outdoor swimming pool, including an in-ground, above-ground or on-ground pool, hot tub or spa shall be surrounded by a temporary barrier during installation or construction and shall remain in place until a permanent in compliance with Section R326.5.1 of the 2015 International Residential Code as amended by the NYS Building Standards and Codes 2016 Uniform Code Supplement.

Exception:

1. Above-ground or on-ground pools where the pool structure is the barrier in compliance with Section R326.5.3
2. Spas or hot tubs with a safety cover which complies with ASTM F 1346, provided that such safety cover is in place during the period of installation or construction of such hot tub or spa. The temporary removal of the safety cover as required to facilitate the installation or construction of a hot tub or spa during periods when at least one person engaged in the installation or construction is present is permitted.

R326.5.2.1 Height The top of the temporary barrier shall be at least 48 inches (1219 mm) above grade measured on the side which faces away from the swimming pool.

R326.5.2.2 Replacement by a permanent barrier A temporary barrier shall be replaced by a complying permanent barrier within either of the the following periods:

1. 90 days of the date of issuance of the building permit for the installation or construction of the swimming pool.
2. 90 days of the date of commencement of the installation or construction of the swimming pool.

R326.5.3 Permanent Barriers An outdoor swimming pool, including an in-ground, above-ground or on-ground pool, hot tub or spa shall be surrounded by a barrier with the height of at least 48 inches (1219 mm) above grade measured on the side which faces away from the swimming pool. Such permanent barrier shall be in compliance with the provisions and specifications provided in Section R326.5.3 of the 2015 International Residential Code as amended by the NYS Building Standards and Codes 2016 Uniform Code Supplement.



TOWN of CHEEKTOWAGA

SWIMMING POOL, HOT TUB, SPAS and DECK PROCESSING REQUIREMENTS

- 1.) Complete the application for Town of Cheektowaga swimming pool, hot tub or spa permit.
- 2.) Applicants who are serving as agents of but are not the property owner, the owner agent authorization form from the property owner must be submitted authorizing the filing of the permit on their behalf.
- 3.) On a copy of the property survey draw the location of the proposed pool to the scale of the survey drawing. Show all dimensions to property lines, ROWs, easements, and existing structures. Include the location of any associated pool equipment e.g. filters, heater, decking and fencing on the survey copy. The pool and any associated equipment are required to be kept clear of all easements, ROWs, and are to be a minimum of 5 feet from the property lines.
- 4.) Provide contractor's name, address, phone number and certificates of workers compensation, disability insurances or insurance waivers.
- 5.) For properties having overhead electrical lines on or adjacent to the property or having under ground lines adjacent to an in-ground pool location, provide a verification and acceptance statement of the pool location from the electrical service provider.
- 6.) Swimming pools, hot tubs or spas having an exterior wall height exceeding 48 inches (1219 mm) above grade measured on the side which faces away from the swimming pool or in the case of hot tubs and spas which are equipped with an approved safety cover complying with ASTM F1346, shall be exempt from the barrier requirements of the code. All other shall be required to have a barrier or fence 48 inches (1219 mm) above grade measured on the side which faces away from the swimming pool, around the proposed pool or poll area with locking gate.
- 7.) For above ground and seasonal pools, a copy of the installation brochure or instruction sheet shall be submitted, for in-ground pools or partially in-ground pools (above ground pools which will be constructed or buried into the existing grade), a set of construction drawings bearing the wet seal of a licensed New York State Design Professional shall be required at the discretion of the Code Official.
- 8.) A drainage plan for all in-ground pools approved by the Town Engineer shall be submitted with the permit application. The plan shall show the existing ground elevations and the proposed grade elevations of the pool, concrete decking, walkways and drainage directional flow. A location which will remain permanently undisturbed shall be used as a benchmark with an assumed elevation of 100.0.
- 9.) If the pool is to be heated, the equipment and control specifications showing compliance with Sections R403.10 and R403.11 of 2015 International Energy Conservation Code shall be submitted with the permit application.
- 10.) Permit fee for above a ground pool, hot tub or personal spa is..... \$ 50.00
for an in-ground\$ 100.00

See diagram on reverse side.



TOWN of CHEEKTOWAGA

OWNER AGENT AUTHORIZATION

A

PROJECT INFORMATION

Property Owner: _____ Project Address: _____ Cheektowaga, NY 142____

Address _____ City _____ State _____ Zip code _____

(____)____-____-____ (____)____-____-____ @____.____
Daytime Phone No. Cell Phone No. Email Address

B

PARTY TO BE AUTHORIZED

Last Name _____ First Name _____ Middle Initial _____

Corporation / Partnership _____

Address _____ City _____ State _____ Zip code _____

(____)____-____-____ (____)____-____-____ @____.____
Daytime Phone No. Cell Phone No. Email Address

C

OWNERS DECLARATION

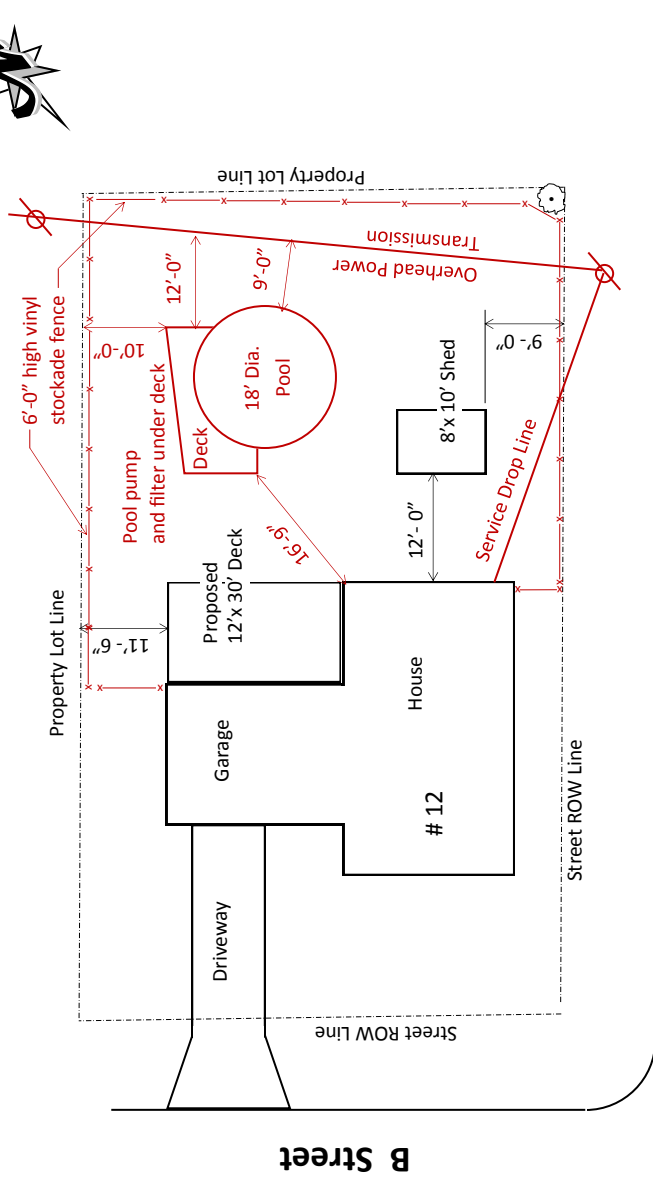
I, _____, being the registered owner of the above noted property hereby authorize the party stated in Section B of this document to make application for a permit for those projects indicated in Section A of this document on my behalf with the Building and Plumbing Department of the Town of Cheektowaga in accordance with rules and regulations of the Town of Cheektowaga and the State of New York.

Signature: _____

Date: ____/____/20____

EXAMPLE of PROPOSED POOL and DECK LOCATION on COPY of PROPERTY SURVEY

Applicant to plot proposed pool, deck, barrier (fencing), power line locations and provide applicable dimensions on copy of property survey, similar to as shown in red.



B Street

A Street



TOWN of CHEEKTOWAGA

ELECTRICAL REQUIREMENTS

FOR

PERMANENTLY INSTALLED SWIMMING POOLS

As per the requirements of the 2014 National Electric Code and the 2015 International Residential Code as amended by the NYS Building Standards and Codes 2016 Uniform Code Supplement.

PERMANENTLY INSTALLED SWIMMING POOLS: as defined by the 2015 International Residential Code as amended by the NYS Building Standards and Codes 2016 Uniform Code Supplement are those that are constructed in the ground or partially in

1.) Pool Pump Receptacle (outlet) and Wiring Method

- a. If a pump motor receptacle is located between 6 to 10 feet from the inside of the pool wall, the receptacle must be a single twist-lock receptacle, grounded and Ground Fault Circuit Interrupter (GFCI) protected.
- b. The receptacle shall have a weather-proof cover that can be closed when the cord is plugged in. (an in-use type cover)
- c. The circuit line for the pump must be a continuous line going directly to the panel box, and is to be isolated from all other receptacles.
- d. The wire for the pump motor receptacle shall not be less than #12 AWG insulated copper ground wire, and must be in a conduit. (except when entering a building the wire can be changed to NM) **(NM wire can not be used in the conduit)**
- e. Conduit
 - i. PVC..... All PVC conduit* must be buried at least to a depth of eighteen (18) inches below grade.
 - ii. Metal....All rigid metal conduit* must be buried at least to a depth of six (6) inches below grade.

*** All wires used in conduit shall be single strand wires. (ex. THWN, etc. NM or UF cable shall not be used in conduit)**

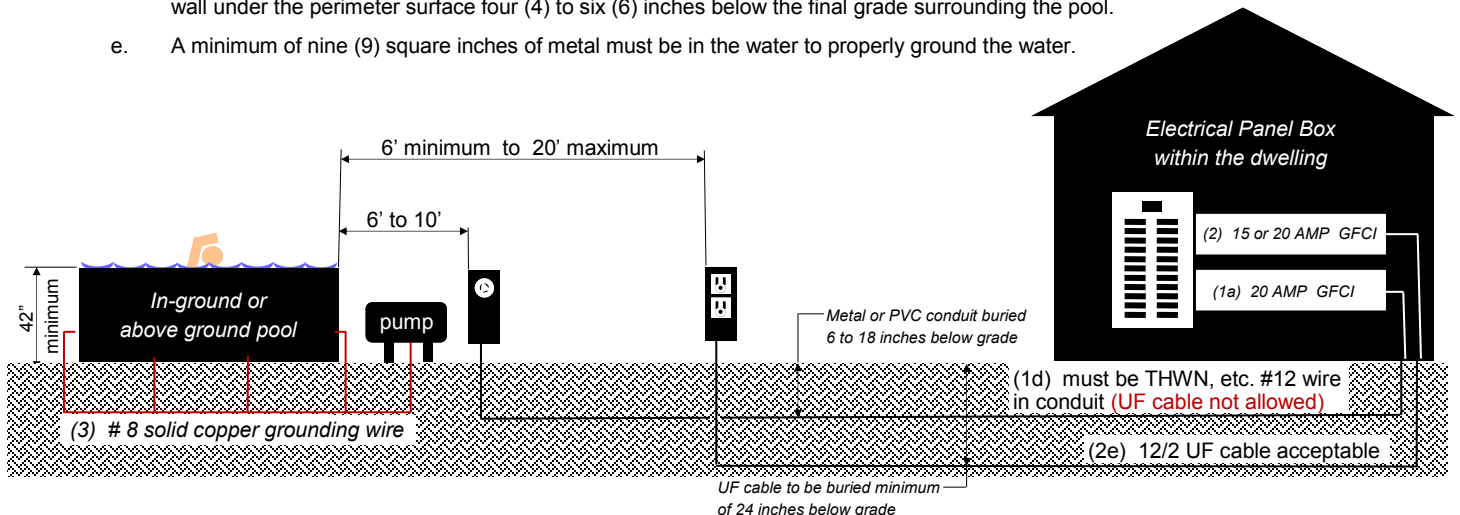
2.) Convenience Receptacle (outlet) and Wiring Method

- a. At least one (1) 15 or 20 amp convenience receptacle shall be located not closer than six (6) feet but not further than twenty (20) feet from the outside of the pool wall. (the receptacle may be an existing or newly wired Ground Fault Circuit Interrupter [GFCI] protected receptacle)
- b. The convenience receptacle shall have a weather-proof cover that can be closed when the cord is plugged in. (an in-use type cover is required for existing, unattended, convenience receptacles in wet locations)
- c. The convenience receptacle wiring shall be separate from the pump motor receptacle wiring.
- e. Wiring
 - i. UF cable if buried shall be buried to at least to a depth of twenty four (24) inches below grade.
 - ii. PVC..... All PVC conduit* shall be buried at least to a depth of eighteen (18) inches below grade.
 - iii. Metal....All rigid metal conduit* shall be buried at least to a depth of six (6) inches below grade.

*** All wires used in conduit shall be single strand wires. (ex. THWN, etc. NM or UF cable shall not be used in conduit)**

3.) Bonding the Pool

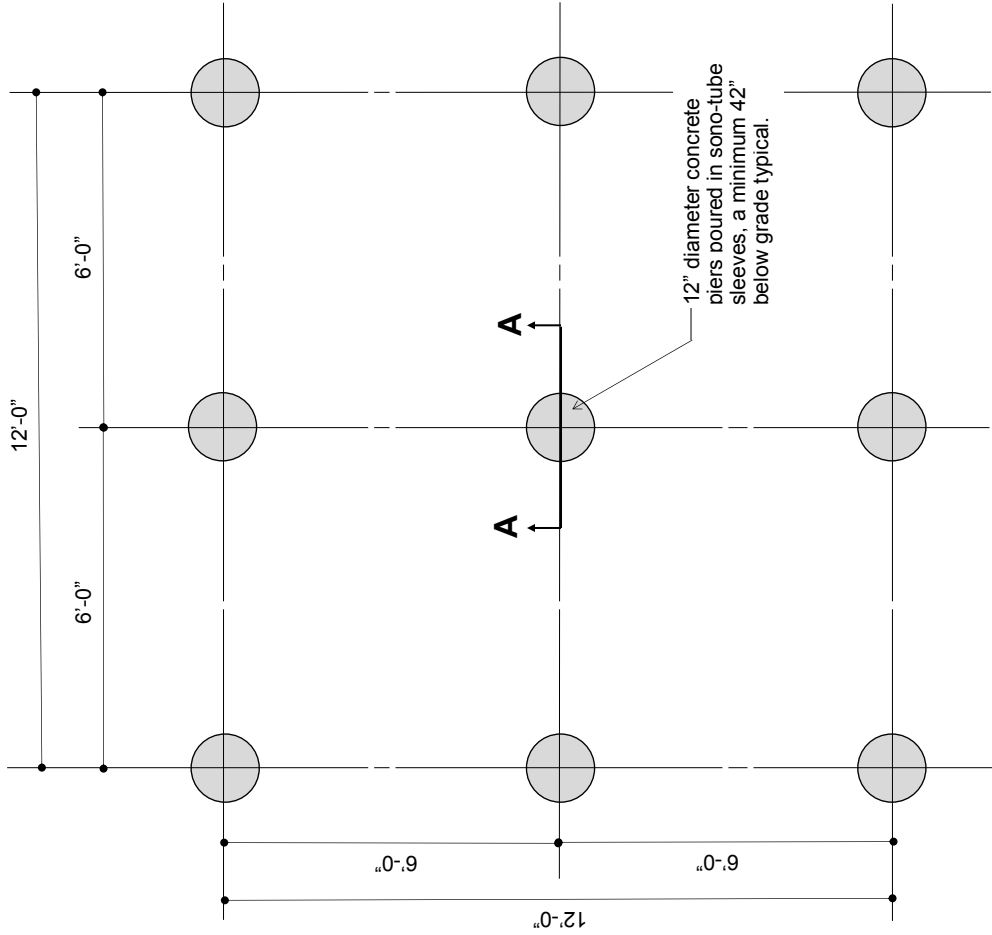
- a. All metal parts shall be bonded together using a #8 or larger solid copper wire.
- b. All attachments shall be made with non-corrosive clamps.
- c. Conductive pool shells shall be bonded in a minimum of four (4) equally spaced locations around the pool perimeter.
- d. Nonconductive pool shells shall have a #8 (or larger) solid copper wire eighteen (18) to twenty four (24) inches from the inside pool wall under the perimeter surface four (4) to six (6) inches below the final grade surrounding the pool.
- e. A minimum of nine (9) square inches of metal must be in the water to properly ground the water.



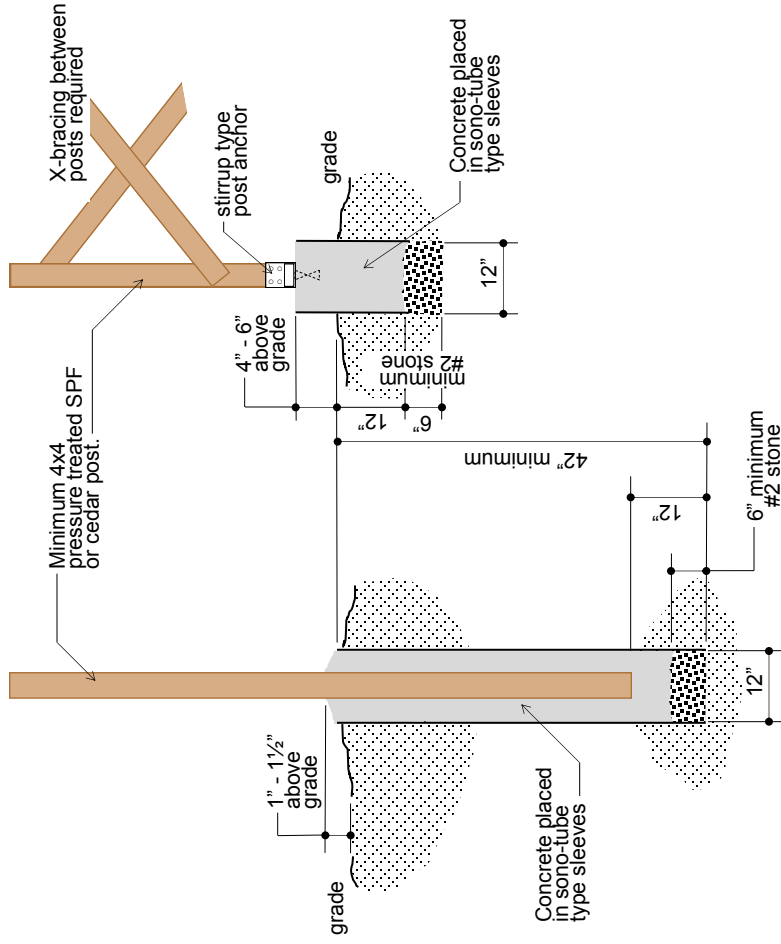


TOWN of CHEEKTOWAGA

Typical Pier Foundation Plan and Detail for Freestanding Deck



PLAN VIEW



Section A-A

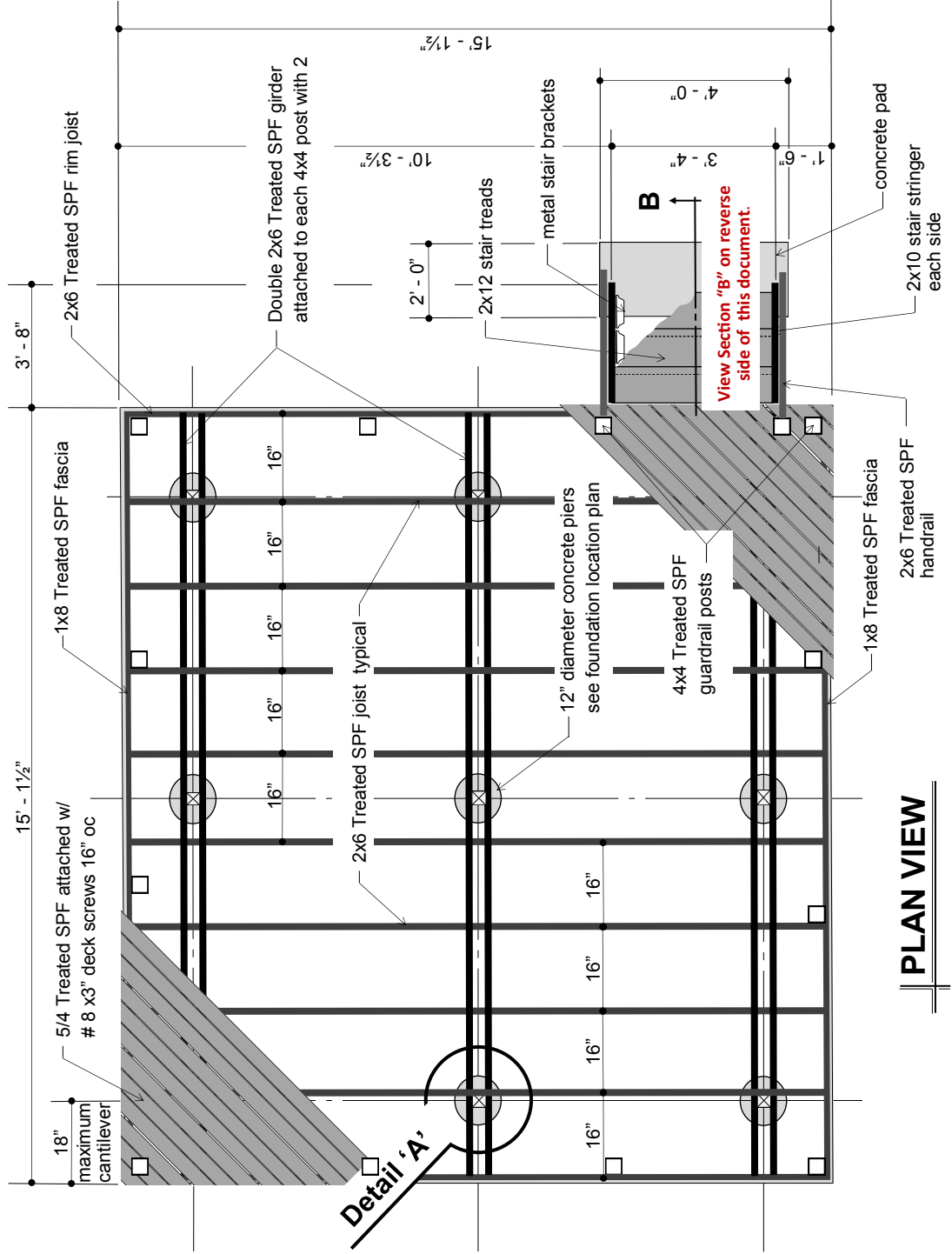
Alternate

EITHER PIER / POST ATTACHMENT IS ACCEPTABLE

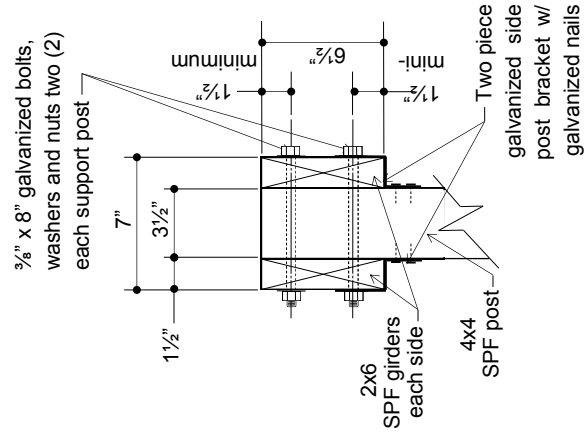


TOWN of CHEEKTOWAGA

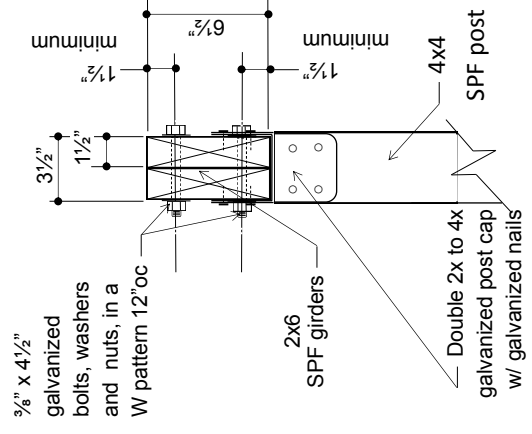
Typical Framing Plan and Details for Freestanding Deck



Detail 'A'



Detail 'A'



Alternate Connection

PLAN VIEW

Stairs:

Stairs shall be constructed as per the provisions of the Residential Code of New York State.

Width:

Stairways shall not be less than thirty six (36) inches (914mm) in clear width at all points above the permitted handrail height and below the required headroom height.

Risers:

The maximum riser shall be no greater than eight and one quarter (8¼) inches (209mm). The greatest riser height shall not exceed the smallest by more than three eighths (¾) inch (9.5mm) within any flight of stairs.

Treads:

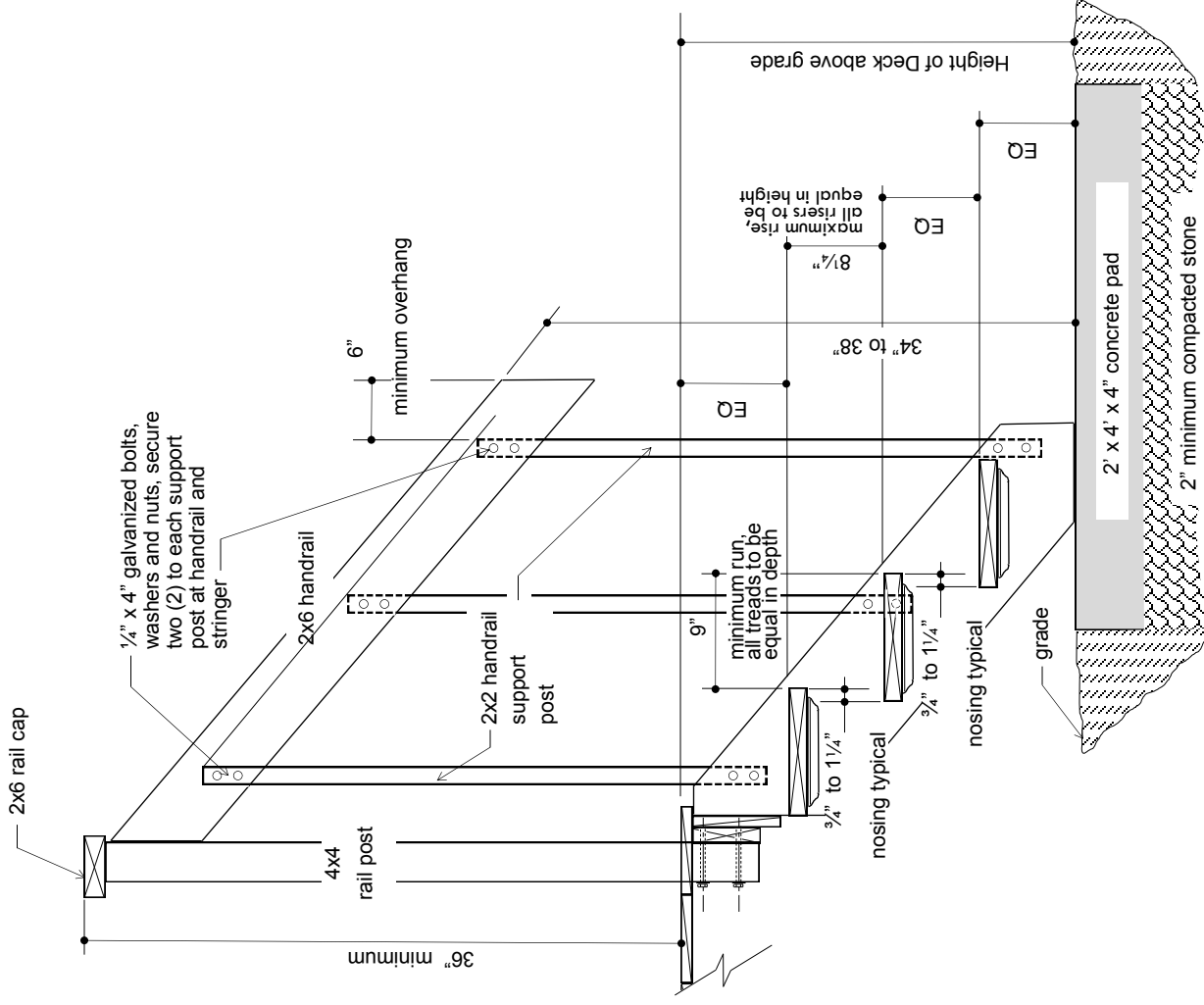
The minimum tread depth shall be nine (9) inches (229mm). The tread depth shall be measured horizontally between the vertical planes of the foremost projection of the adjacent treads. The greatest shall not exceed the smallest tread depth by more than three eighths (¾) inch (9.5mm) within any flight of stairs.

Landings:

There shall be a landing at the top and bottom of each stairway and shall have a minimum dimension of thirty six (36) inches (914mm) in the direction of travel

Handrails:

Hand rails shall be provided on at least one side of each continuous run of stairs with four (4) or more risers. Handrails shall be continuous for the entire run or flight of stairs. The handrail shall not be less than thirty four (34) inches (864mm) nor more than thirty eight (38) inches (965mm) and shall be measured vertically from tread nosing or landing surface. Handrails running adjacent to walls shall have a space not less than one and one half (1½) inches between the wall and the hand rail.





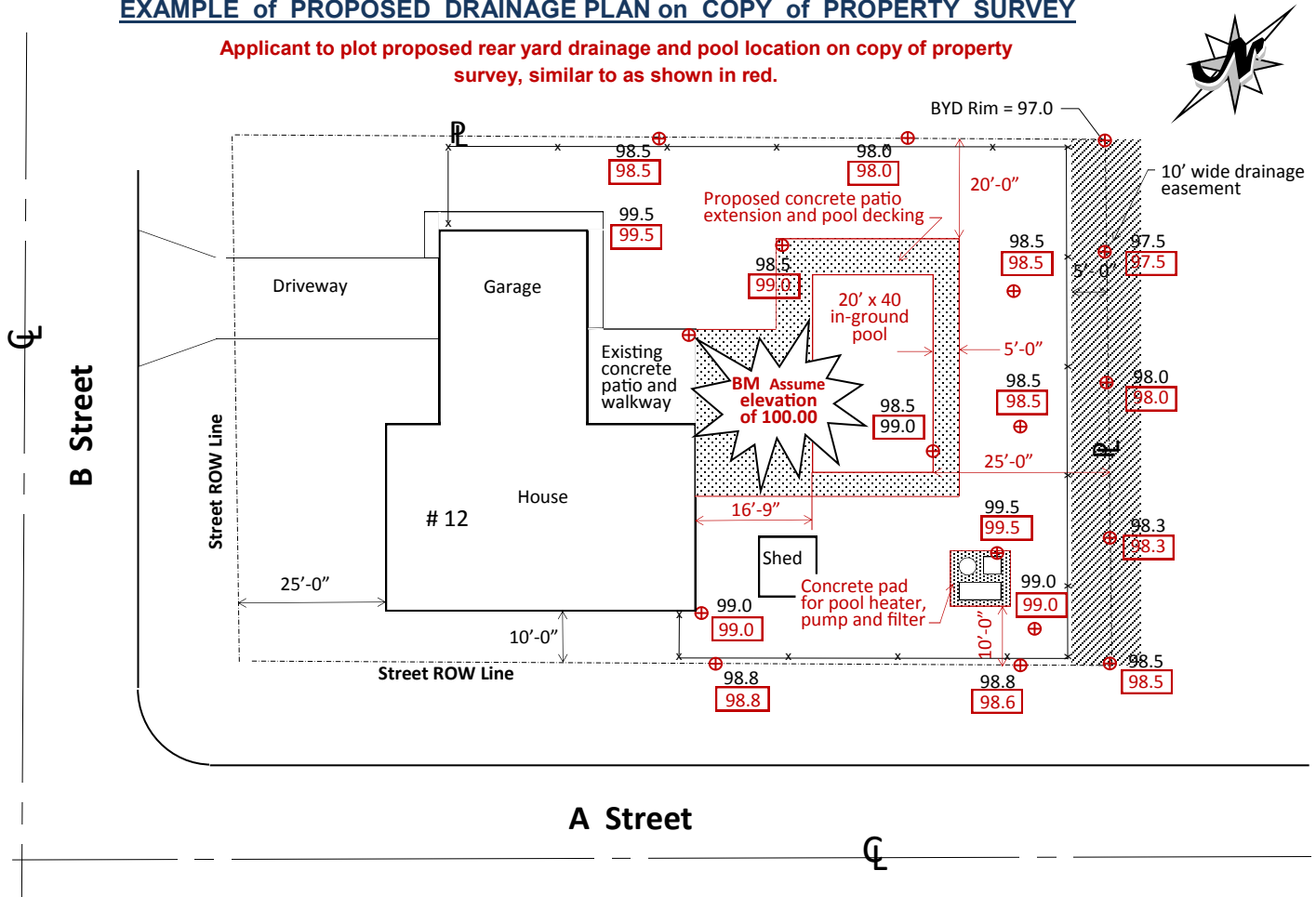
TOWN of CHEEKTOWAGA

Typical Yard Drainage Plan for In-ground Swimming Pool

PREPARED DRAINAGE PLANS
MUST BE APPROVED BY THE TOWN ENGINEER

EXAMPLE of PROPOSED DRAINAGE PLAN on COPY of PROPERTY SURVEY

Applicant to plot proposed rear yard drainage and pool location on copy of property survey, similar to as shown in red.



LEGEND

EG Existing Grade
PG Proposed Grade

A minimum five (5) foot distance is to be maintained between the deck and any property line.

Plot location of pool, associated concrete or paved decking and pad for pump, filter and heater.

SETBACK REQUIREMENTS

Bench Mark (BM) Top of existing concrete patio
 Location slab nw corner
 Proposed pool 99.0
 grade
 Rear R _____ Front R-O-W _____
 Right R _____ Side R-O-W _____
 Left R _____ House _____