

TOWN OF GEORGINA

BUILDING PERMIT GUIDE

NEW HOUSES AND ADDITIONS

ENCLOSED

- 1. SPECIFICATIONS AND REQUIREMENTS
- 2. PERMIT APPLICATION PROCESS CHECKLIST
- 3. SAMPLE SITE PLAN
- 4. CONSTRUCTION DETAILS -ATTACHMENTS
- 5. CONSTRUCTION SPECIFICATIONS AND SCHEDULES

This Information is provided for convenience purpose only. All projects must be evaluated in its own merits. More or less information may be required

New Houses and Additions

All new houses and additions to an existing building or structure required a building permit. Your first stop should be to the Town Planning & Building Department to obtain the zoning information that you will need in order to establish the parameters of construction. This inquiry will reveal height, depth, setback and lot coverage restrictions.

Design is the next step and you will need a set of construction drawings before the Building Division will issue the permits prior to construction. All addition projects are required to

- Demonstrate compliance with local zoning by-laws, Ontario building code and all applicable laws
- Clearance from Lake Simcoe Region Conservation authority (Most projects) and
- Lot grading approval from the Engineering Division

Once the completed set of building permit construction drawings are filed at the building division it takes 10 business days (after all applicable laws received) before the permits are issued

When applying for a building permit, we require:

- Application for a Permit to Construct or Demolish
- Schedule 1 Designer Information
- (2) Copies of detailed site plan (showing all building, set back to lot lines of all existing and proposed building, lot dimensions etc). Site plan should be based on a survey of the lot.
- (2) Copies of all construction drawings drawn to scale and dimensioned.
- Septic system information (If applicable)
- Letter of Authorization signed by owner (If applicant is an agent.)
- Permit application process checklist
- Permit fee \$1.28/ft2 for all floor area(Including attached garage space and plumbing fixtures)
- Deck and porch less than 10 m2 included
- Connection to municipal services included
- \$300 Flat fee for Woodstove and each Masonry fireplace
- \$300 Occupancy Deposit. This Deposit is refunded if a Final Inspection is passed within 6 months of occupancy occuring.

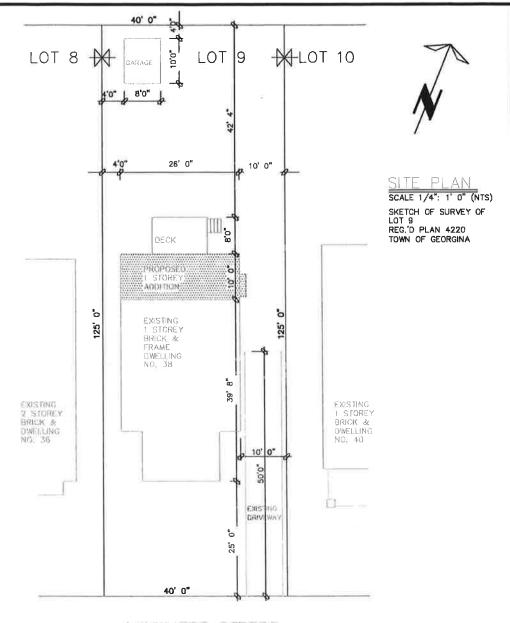
This Information is provided for convenience purpose only. All projects must be evaluated in its own merits. More or less information may be required.



PERMIT APPLICATION PROCESS CHECKLIST SINGLE FAMILY DWELLING/ADDITION

REQ'D	REC'D	
		Detailed Site Plan (showing all buildings, setbacks to lot lines of all existing and proposed buildings, lot dimensions, north indicator, civic
		and legal address, wells, septic, driveway location, watercourses,
		ponds or rivers, and street location). Highlight new construction. Site
		plan to match that submitted for lot grading and LSRCA approval.
		Foundation Plan (Footing sizes, piers, Excavation heights etc)
		For Additions: New & Existing foundation system and connection details
		Floor Plans (all rooms identified and dimensioned, bedroom closets, plumbing fixtures, framing over doors and windows size/ span/ spacing of framing above)
		Cross Sections
		Elevations (all doors and windows indicated including window sizes, roofing material, exterior cladding, Height of Building, Height of eves
		Percentage of glazed openings etc)
		Schedule 1 for Duct Design
		Heat Loss Calculations (for new and addition 15% of the living space size and location of the duct required)
		Duct Design (or mechanical plans)
		Mechanical Ventilation Summary Sheet
		Energy Efficiency Summary Sheet
		Truss Drawings Sealed by Professional Engineer
		or
		Roof Framing Details if Roof is Conventionally Framed (Cut-Roof)
		Layouts for Engineered Products such as LVL, PSL, LSL Beams, joists, TJI, Jagar, Nascor Etc. Floor or Roof Systems
		Schedule 1 – Designer Information
	1	Septic System Approval
		Site Alteration Permit (From Engineering Division)
		Permit to Connect (From Operation Division)
		Entrance Permit (From Operation Division)
		Lake Simcoe Region Conservation Authority Approval (if applicable)
		Letter of Authorization Signed by Owner(If the applicant is not the
		owner)
		House Number

This checklist constitutes a preliminary review to determine suitability of drawings for Zoning/Building Permit application only. A further review will be completed by the Zoning Examiner and Plans Reviewer, at which time more information and/or amendments to the drawings may be required.



ANYWHERE STREET

ZONING LOT NO: R2 Z0.6 LOT 9		PLAN NO: 4220			OT AREA 5000 S	Q FT	LOT FRONTAGE 40'		7 <i>T DEPTH</i> 125' 0"
DESCRIPTION	EXISTING	ADDITION	TOTAL	X	ALLOWED	X	SETBACKS	EXISTING	PROPOSED
LOT COVERAGE	930.95 SQ FT	260.00 SQ FT	1190.95 SQ FT	19.0	****	-	FRONT YARD	25' 0"	25' 0"
GROSS FLOOR AREA	930.95 SQ FT	280,00 SQ FT	1190,95 SQ FT	19,0	1500 SQ FT	10.0	REAR		-
LANDSCAPED AREA						-	YARD	60' 4"	42' 4"
NO. OF STORIES HEIGHT	1 STOREY 15 0	1 STOREY 15' 0"	1 STOREY 15' 0"		36' 0"		INTERIOR SIDE (east)	10' 0"	10" 0"
WOTH	26' 0"	26' 0"	26' 0"		2577,000		INTERIOR	4' 0"	4' Q=
DEPTH	40' 0"	10' 0"	50' 0"		55' 0"		SIDE (west)	* "	+ 0
PARKING							EXTERIOR		

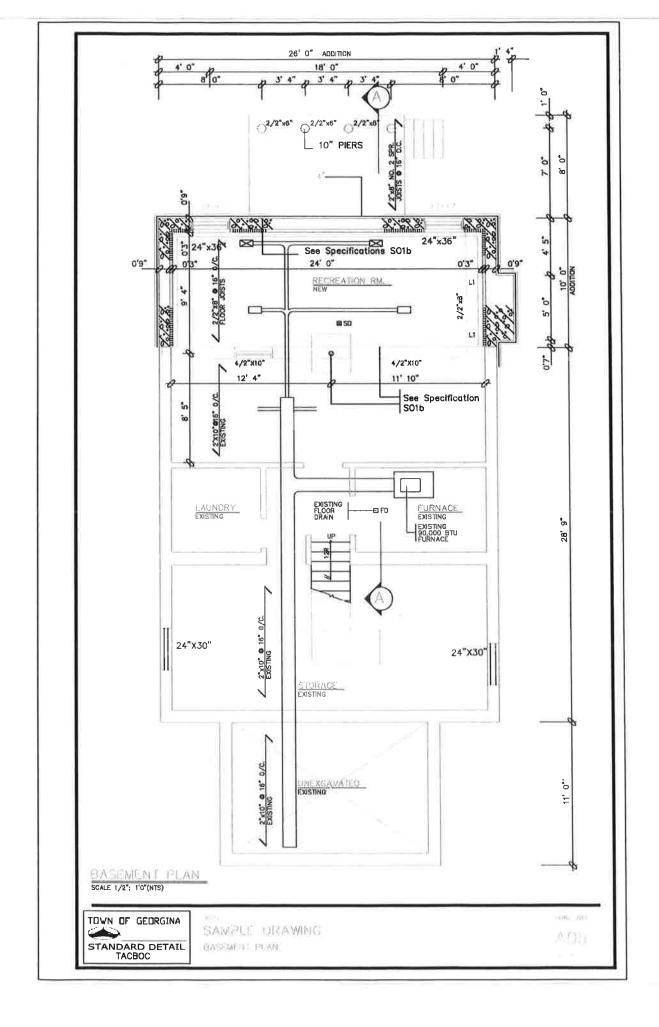
NOTE: ZONING RESTRICTIONS VARY IN EVERY ZONE, CONTACT THE TOWN OFFICE FOR SPECIFIC SETBACKS AND OTHER LIMITATIONS IN YOUR AREA.

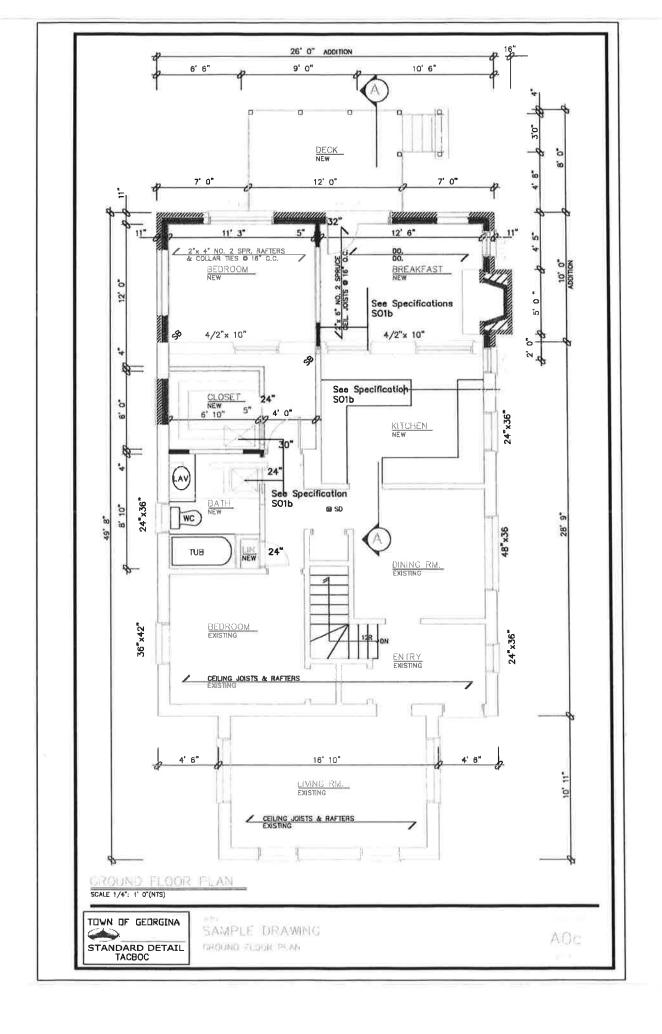
TOWN OF GEORGINA
STANDARD DETAIL
TACBOC

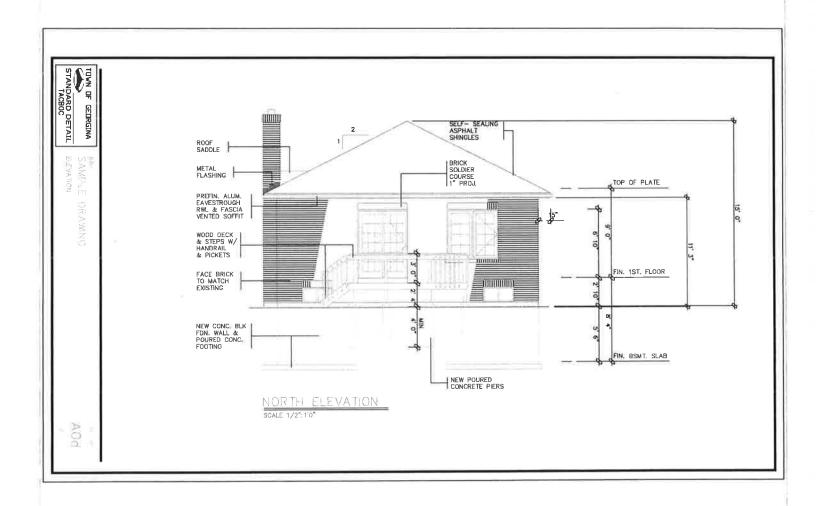
SAMPLE DRAWING

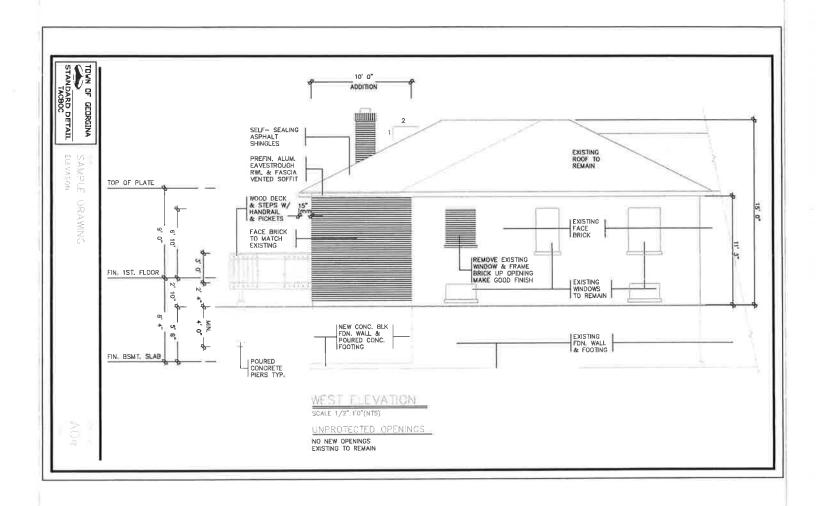
SIE PLAN

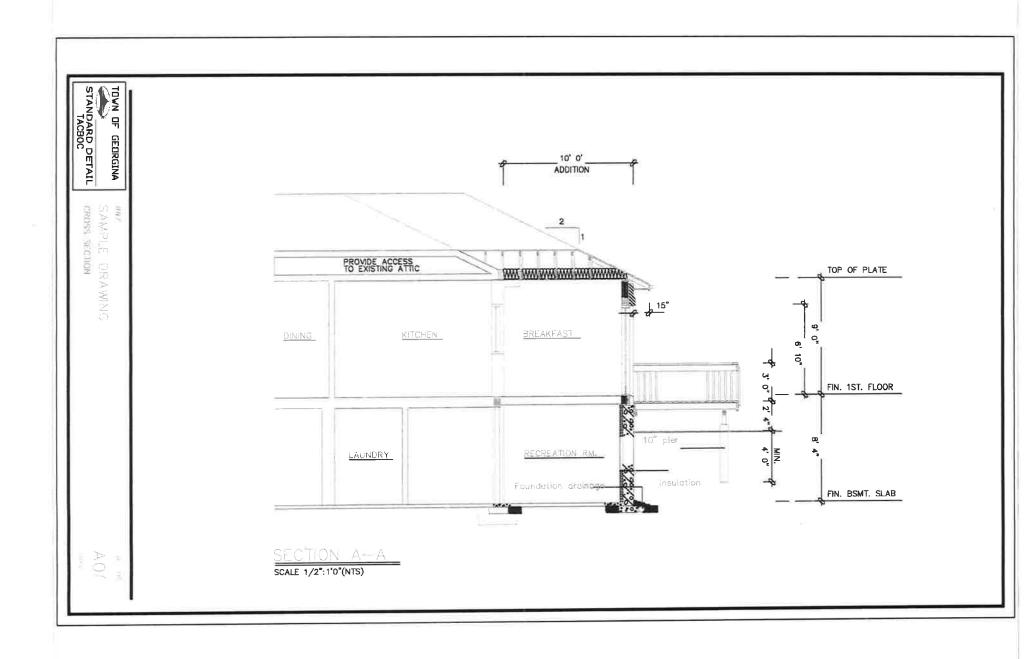
A.3a

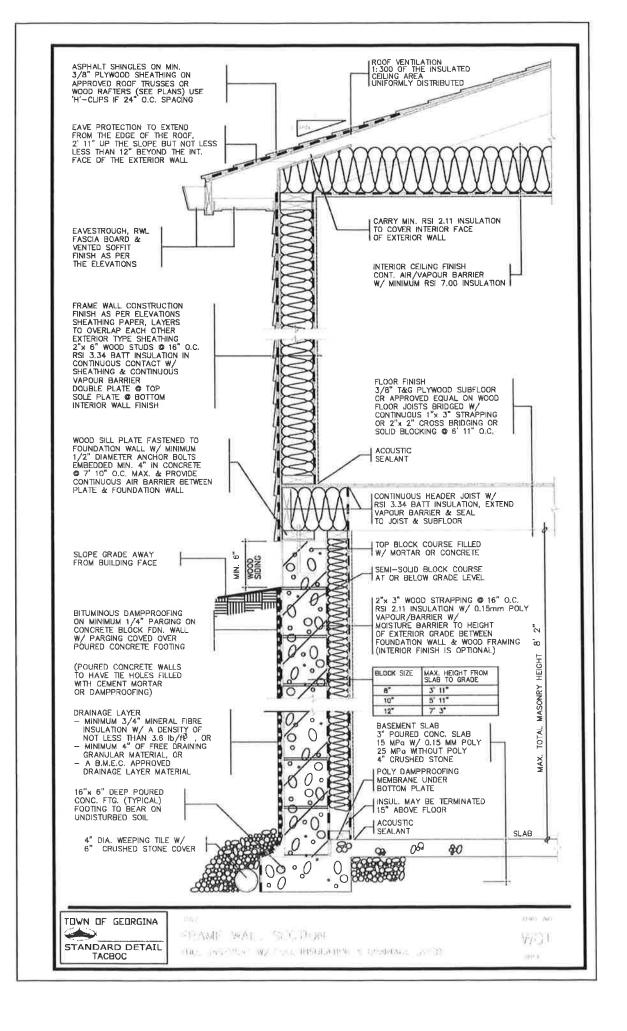


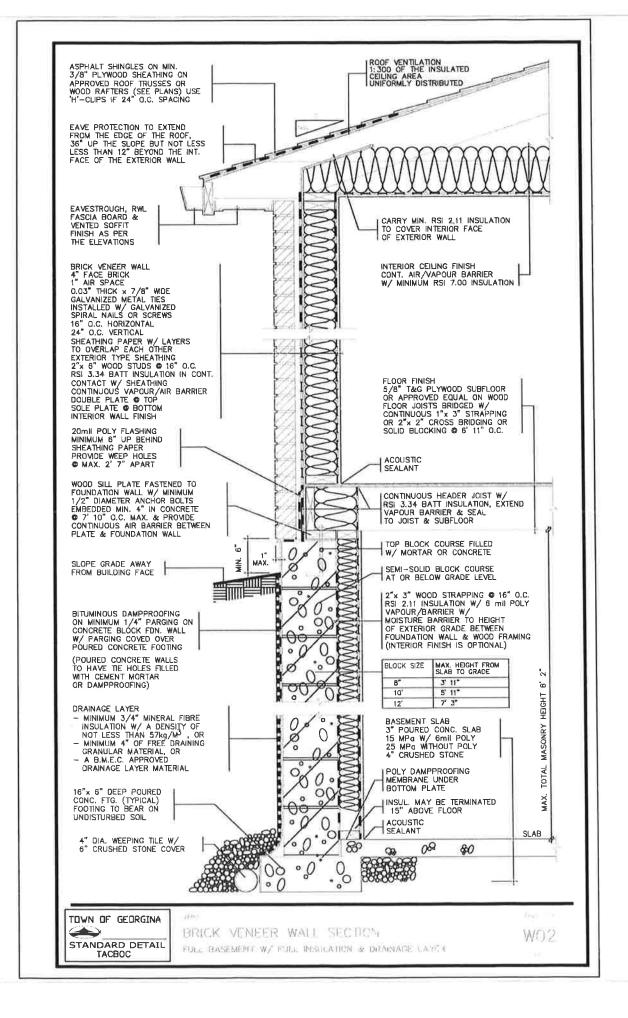


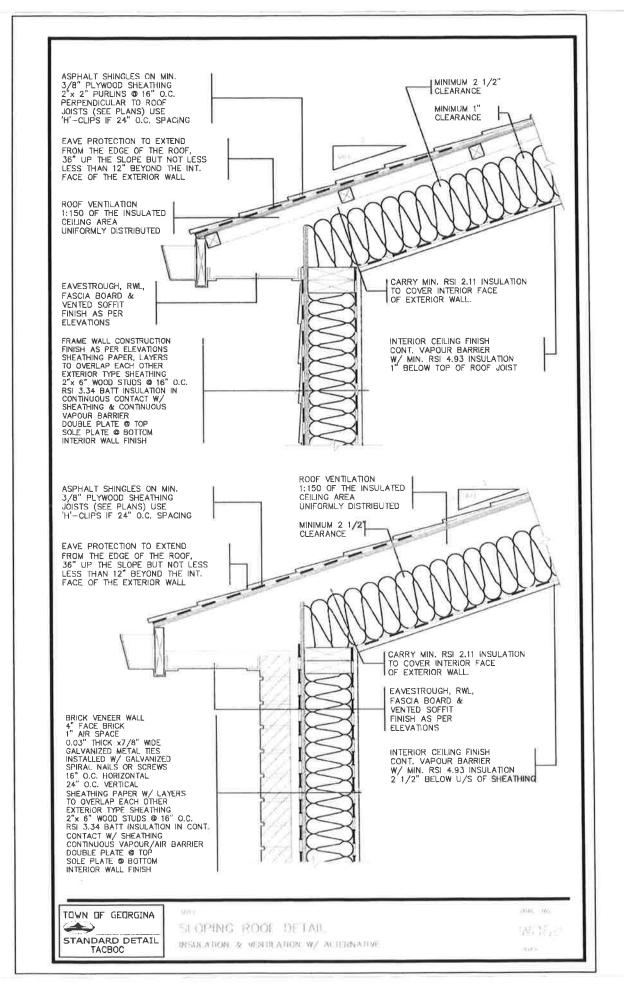


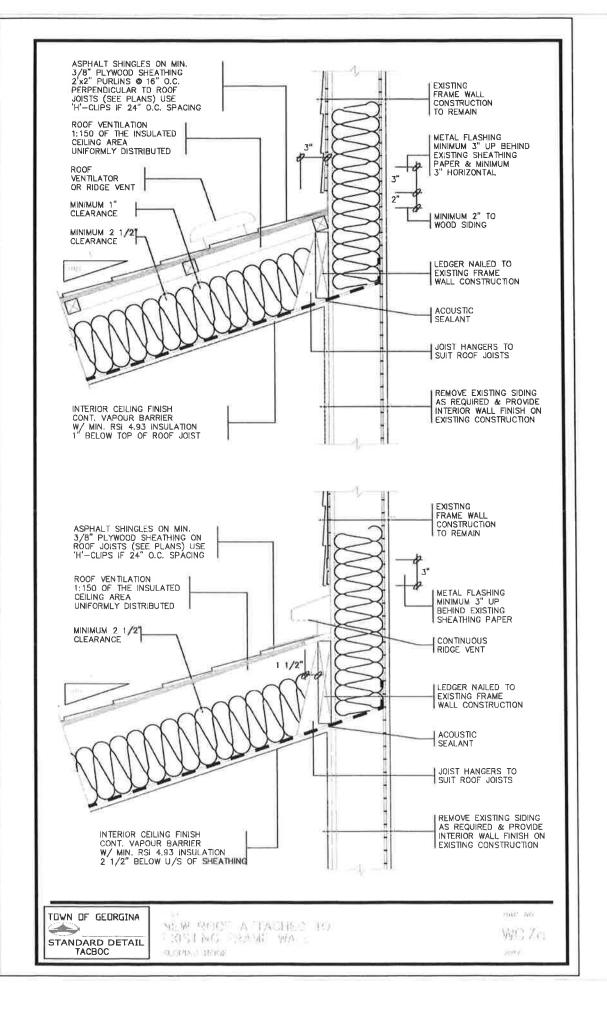












Excevation and Backfill

- Excavation shall be undertaken in such a manner so as to prevent damage to existing structures, adjacent property and utilities
- The topsoil and vegetable matter in unexcavated areas under a building shall be removed. The bottom of excavations for foundations shall be free of all organic material
- If termites are known to exist, all stumps, roots and wood debris shall be removed to a minimum depth of 11 3/4" in excavated areas under a building, and the clearance between untreated structural wood elements and the ground shall be no less than 17 3/4"
- Backfill within 23 5/8" of the foundation walls shall be free of deleterious debris and boulders over 9 7/8" in diameter

Dampproofing and Drainage

- In normal soil conditions, the exterior surfaces of foundation walls enclosing basements and crawl spaces shall be dampproofed. Where hydrostatic pressure occurs, a waterproofing system is required
- Masonry foundation walls shall be parged with 1/4" of mortar coved over the footing prior to dampproofing
- 4" dia. foundation drains shall be laid on level, undisturbed ground adjacent to the footings at or below the top of the basement slab or crawl space floor, and shall be covered with 6" of crushed stone. Foundation drains shall drain to a storm sewer, drainage ditch, dry well or sump
- Window wells shall be drained to the footing level or to a ditch or sump pump.
- Downspouts not directly connected to a storm sewer shall have extensions to carry water away from the building, and provisions shall be made to prevent soil erosion
- Concrete slabs in attached garages shall be sloped to drain to the exterior
- The building site shall be graded so that surface, sump and roof drainage will not accumulate at or near the building and will not adversely affect adjacent properties

Footings

- minimum2200psi poured concrete
- minimumt8" below finished grade
- Footings shall be founded on natural undisturbed soil, rock or compacted granular fill with minimum bearing capacity of 1570 psi

Footing Size

Floors	Supporting	Supporting	Column
Supported	Ext. Wall	Int. Wall	Area
1	9 7/8"	9 7/8"	4.3 ft2
2	13 3/4"	13 3/4"	8.1 ft2
3	17 3/4"	19 3/4	10.9 ft2

- Increase exterior footing width by 2 5/8" for each storey of brick veneer supported, by 5 1/8" for each storey of masonry and by 6" for ICI
- Increase interior facting width by 4" for each storey of masonry above facting, and by 4" for each 8' 10" of wall height above 5 1/8"
- The projection of an unreinforced facting beyond the wall supported shall not be greater than its thickness

Step Footings

• 23 5/8 max. rise 23 5/8 min. run

Equadation Walls

- To be poured concrete, unit masonry, ICF or preserved wood (see drawings for type and thickness)
- Dampproofing shall be a heavy coat of bituminous material.
- Foundation wall to extend minimum 7/8" above finished grade.
- A drainage layer is required on the outside of a foundation wall where the interior insulation extends more than? 11" below exterior grade.
 A drainage layer shall consist of
 - Min, 3/4" mineral fibre insulation with min. Density of 3.6 lb/ft
 - Min. 4^{nt} of free drainage granular material, or
 - An approved system which provides equivalent performance
- Foundation walls shall be braced or have the floor joists installed before backfilling

Concrete Floor Slabs

- Garage, carport and exterior slabs and exterior steps shall be 4650 psiconcrete with 5-8%air entrainment
- Basement slab 3600psi concrete, minimum 3" thick, placed on a minimum 4" of coarse, clean, granular material
- All fill other than coarse clean material placed beneath concrete slabs shall be compacted to provide uniform support

Masonry Walls

- Where constructed of 3 1/2"brick, wall shall be bonded with a header course every 24" o/c vertically and horizontally and 2'11" o/c for block or tile.
- Provide 2" solid masarry, concrete filled top course or continuous 2"x 4" wood plate under all roof and floor framing members
- Provide 7 1/2" solid masonry under beams and columns
- Masonry wall to be tied to each tier of joists with 1 9/16" x 3/16" corrosion resistant steel straps, keyed minimum4" into masonry. When joists are parallel to wall, ties are to extend across at least 3 joists @6' 7"
- Inside of wall to be parged and covered with No.15 breather—type asphalt paper
- For reduced foundation walls to allow a brick facing while maintaining lateral support, tie minimum's 1/2" brick to minimum's 1/2"back up block with corrosion resistant ties at least 0.028in² in cross sectional area, spaced 7.7/8" vertically and 2.11" horizontally, with joints completely filled with mortor
- Masonry over openings shall be supported on corrosion resistant or prime painted steel lintels with a minimum of5 7/8'end bearing

Masonry Veneer

- Minimum2 3/4 thick if joints are not raked and
 1/2 thick if joints are raked.
- 3 1/2"thick if joints are raked

 Minimum 1" air space to sheathing
- Provide weep holes @ 31 1/2" a.c. at the bottom of the cavity and over doors and windows
- Direct drainage through weep holes with 20mil poly flashing extending minimum5 7/8"up behind the sheathing paper
- Veneer ties minimum 0.030" thick x7/8" wide corrosion resistant straps spaced 9 15 3/4" vertically and 23 5/8"horizontally
- Fasten ties with corrosion resistant 0.125" diameter screws or spiral nails which penetrate at least 1 3/16into studs

TOWN OF GEORGINA

STANDARD DETAIL TACBOC SPECIFICATION - BUILDING CODE STANDARDS EXCAVATION, CONCRETE & MASONEY

S01a

Wood Frame Construction

- All lumber shall be spruce-pine-fir No.1 & 2, and shall be identified by a grade stamp
- Maximum moisture content19% at time of installation
- Wood framing members which are supported on concrete in direct contact with soil shall be separated from the concrete with 6mil polyethylene or type 'S' roll roofing

- Exterior walls shall consist of:
 - claddina
 - air barrier system lapped 4"
 - lumber, plywood, OSB or gypsum sheathing 2"x 6" studs @ 16" o.c.

 - RSI 3.34 insulation

 - 2"x 6" bottom plate 2"x 6" double top plate
- Interior loadbearing walls shall consist of:
- 2"x 4" studs @ 16" o.c. 2"x 4" bottom plate and double 2"x4" top plate 💌
- 2"x 4" mid-girts if not sheathed
- 1/2" gypsum board sheathing

- See S01d for floor joist size and spacing requirements
- Joists to have minimum 1/2° of end bearing
- Joists shall bear on a sill plate fixed to
- Foundation with 1/2' anchor bolts © 7' 10" o.c. Header joists between 3' 11" and 10' 6" in length shall be doubled. Header joists exceeding shall be sized by calculations
- Trimmer joists shall be doubled when supported header is between 2' 7" and 6' 7' joists shall be sized by calculations when supported header exceeds 6' 7'
- 2"x 2" cross bridging required not more than 6' 11" from each support and from other rows of bridging
- Joists shall be supported on joist hangers at all flush beams, trimmers, and headers.
- Non-loadbearing partitions shall be supported on a joist or on blocking between joists.
- See S01d for subflooring requirements

Roof & Ceilings

- See SOLd for rafter, roof joist and ceiling joist size and spacing requirements
- Hip and valley rafter shall be 2" deeper than common rafters
- 2"x 4" collar ties @ rafter spacing with 1"x 4" continuous brace at mid span if collar tie exceeds 7' 10" in length
- See 801d for roof sheathing requirements

Notching & Drilling of Trusses, Joists, Rafters

- Holes in floor, roof and ceiling members to be not larger than 1/4 the actual depth of member and not less than 2" from edges
- Notches in floor, roof and ceiling members to be located on top of the member within 1/2 the actual depth from the edge of bearing and not greater than 1/3the joist depth
- Wall studs may be notched or drilled provided that no less than 2/3 the depth of the stud remains, if load bearing, and 9/16 if non-load bearing
- Roof truss members shall not be notched, drilled or weakened unless accommodated in the design

- Fasteners for roofing shall be corrosion resistant. Roofing nails shall penetrate through or at least 1/2" into roof sheathing
- Every asphalt shingle shall be fastened with at least 4 nails for 3' 3" Wide shingle (or st wide shingle (or staples)
 - Eave protection shall extend 2' 11" up the roof slope from the edge, and at least 11 3/4" from the inside face of the exterior wall, and shall consist of Type M or Type S Roll Roofing laid with minimum 4" head and end laps cemented together, or glass Fibre or Polyester Fibre coated base sheets, or self sealing composite membranes consisting of modified bituminous coated material or NO.15 saturated felt lapped and cemented. Eave protection is not required for unheated buildings, for roofs exceeding a slope of 1 in 1,5or where a low slope asphalt shingle application is provided
- Open valleys shall be flashed with 2 layers of roll roofing, or 1 layer of sheet metal min. 24" wide
- Flashing shall be provided at the intersection of shingle roofs with exterior walls and chimneys
- Sheet metal flashing shall consist of not less than 1/16" sheet lead, 0.013" galvanized steel, 0.018" copper, 0.018" zinc, or 0.019" aluminum

Columns, Beams & Lintels

- Steel beams and columns shall be shop primed 350W steel.
- Minimum $3 \frac{1}{2}$ end bearing for wood and steel beams, with $7 \frac{7}{8}$ solid masonry beneath the beam.
- Steel columns to have minimum outside diameter of 2 7/8" and minimum wall thickness
- Wood columns for carports and garages shall be minimum 3.1/2"x3.1/2"in all other cases either 5.1/2"x5.1/2" or 7.1/4" round, unless calculations based on actual loads show lesser sizes are adequate. All columns shall be not less than the width of the supported member
- Masonry columns shall be a minimum of 11 3/8" x11 3/8" or 9 1/2" x 15"
- Provide solid blocking the full width of the supported member under all concentrated loads

Insulation & Weatherproofing

insulation & noutro	proming	
Ceiling with attic		R31
Roof without attic		R - 20
Exterior Wall		R -17
Foundation Wall		R8
Foundation > 50% ex	posed	R -17
Exposed Floor	•	R -25
Slabs on Grade	(unheated)	R -8
	(heated)	R - 10

- Supply Ducts in unheated space R -12 Insulation shall be protected with gypsum board or an equivalent interior finish, except for unfinished basements where 6Mmil poly is sufficient for fibreglass type insulations
- Ducts passing through unheated space shall be made airtight with tape or sealant
- Caulking shall be provided for all exterior doors and windows between the frame and the exterior
- Weatherstripping shall be provided on all doors and access hatches to the exterior, except doors from a garage to the exterior
- Exterior walls, ceilings and floors shall be constructed so as to provide a continuous barrier to the passage of water vapour from the interior and to the leakage of air from the exterior

TOWN OF GEORGINA STANDARD DETAIL TACBOC

SPECIFICATION - BUILDING CODE STANDARDS

WICCON TOWNS COOP STATE OFFICE BY BUSINESS HOW



Natural Ventilation

- Every roof space above an insulated ceiling shall
- be ventilated with unobstructed openings equal to not less than 1/300 of the insulated ceiling area
- Insulated roof spaces not incorporating an attic shall be ventilated with unobstructed openings equal to not less than 1/150of the insulated ceiling area.
- Roof vents shall be uniformly distributed with min.25% at top of the space and 25% at bottom of the space designed to prevent the entry of rain, snow or insects
- Unheated crawl spaces shall be provided with 1.1ft.² of ventilation for each 538 ft²
- Minimum natural ventilation areas, where mechanical ventilation is not provided, are: Bathrooms: 0.97 ft² other rooms: 3 ft ² Unfinished basement: 0.2% of floor area

Doors and Windows

- Every floor level containing a bedroom and not served by an exterior door shall contain at least 1 window having an unobstructed open area of 3.8 ft 2 and no dirnension less than 15", which is openable from the inside without tools. Maximum sill height 1000mm for fin. floors above grade.
- Exterior house doors and windows within 6' 7" from grade shall be constructed to resist forced entry. Doors shall have a deadbolt lock
- The principal entry door shall have either a door viewer, transparent glazing or a sidelight

Exterior Walls

- No windows or other unprotected openings are permitted in exterior walls less than 4' fron property lines
- 5/8" type 'x' fire rated drywall shall be installed on the inside face of attached garage exterior walls and gable ends of roofs which are less than 4" and not less than 24" from property lines
- Non combustible cladding shall be installed on all exterior walls less than 24" from property lines

Ceramic Tile

When ceramic tile is applied to a mortar bed with adhesive, the bed shall be a minimum oft/2" thick & reinforced with galvanized diamond mesh lath, applied over polyethylene on subflooring on joists at no more than 16" o.c. with at least 2 rows cross bridging

Access to Attics and Crawl Spaces

- Access hatch minimum19 3/4"x 23" to be provided to every roof space which is 108 ft2 or more in area and more than 24" in height
- Access hatch minimum20"x 27" to be provided to every crawl space

Carage Gasproofing

- The walls and ceiling of an attached garage shall be constructed and sealed so as to provide an effective barrier to exhaust furnes
- All plumbing and other penetrations through the walls and ceiling shall be caulked
- Doors between the dwelling and attached garage may not open into a bedroom and shall be weatherstripped and have a self-closer

Alarms and Detectors

- At least one smoke alarm shall be installed on or near the ceiling on each floor and basement level 2' 11" or more above an adjacent level
- Smoke alarms shall be interconnected and located such that one is within 16'56 every bedroom door and no more than 49'3" travel distance from any point on a floor
- A carbon monoxide detector shall be installed adjacent to every sleeping area for dwellings with fuel burning fireplace or stove, or an attached garage

Stairs

- Maximum Rise 7 7/8'
 Minimum Run 8 1/4"
 Minimum Tread 9 1/4"
 Minimum Head Room 6' 5"
- Minimum Head Room 6' 5" Minimum Width 2' 10"
- Curved stairs shall have a min. run of 5 7/8" at any point and a minimum average run of 7 7/8"
- Winders which converge to a point in stairs must turn through an angle of no more than 90 °, with no less than 30 ° or more than 45 ° per tread. Sets of winders must be separated by 3" 11" along the run of the stair
- A landing is required at the top of any stair leading to the principal entrance to a dwelling and other exterior entrances with more than 3risers
- Exterior concrete stairs with more than 2 risers require foundations

Handrails and Guards

- A handrail is required for interior stairs containing more than 2 risers and exterior stairs containing more than 3 risers
- Guards are required around every accessible surface which is more than 24" above the adjacent level and where the adjacent surface has a slape more than 1:2
- Interior and exterior guards min. 2' 11" high.
 Exterior guards shall be 3' 6" high where height above adjacent surface exceeds 5' 11"
- Guards shall have openings smaller than 4" and no member between 5" and 2' 11" that will facilitate climbing

Plumbing

- Every dwelling requires a kitchen sink, lavatory, water closet, bathtub or shower stall and the installation or availability of laundry facilities
- A floor drain shall be installed in the basement, and connected to the sanitary sewer where gravity drainage is possible. In other cases, it shall be connected to a sewage ejection pump.

Electrical

- An exterior light controlled by an interior switch is required at every entrance
- A light controlled by a switch is required in every kitchen, bedroom, living room, utility room, laundry room, dining room, bathroom, vestibule, hallway, garage and corport. A switched receptacle may be provided instead of a light in bedrooms and living rooms
- Stairs shall be lighted, and except where serving an unfinished basement shall be controlled by a 3 way switch at the head and foot of the stairs
- Basements require a light for each 323ft;
 controlled by a switch at the head of the stairs

Mechanical Ventilation

- A mechanical ventilation system is required with a total capacity at least equal to the sum of:
- 10.c/m each for basement and master bedroom
 5.c/m for each other room
- A principal dwelling exhaust fon shall be installed and controlled by a centrally located switch identified as such
- Supplemental exhaust shall be installed so that the total capacity of all kitchen, bathroom and other exhausts, less the principal exhaust, is not less than the total required capacity
- A Heat Recovery Ventilator may be employed in lieu of exhaust to provide ventilation. An HRV is required if any solid fuel burning appliances are installed
- Supply air intakes shall be located so as to avoid contamination from exhaust outlets

TOWN OF GEORGINA

STANDARD DETAIL TACBOC SPECIFICATION - BUILDING CODE STANDARDS
GENERAL INFORMATION, ELECTRICAL, MECHANICAL



ROOF_RAFTERS__ (WHERE NO CEILING IS INSTALLED)

			MAXIMUM CLE	AR SPAN (FT)				
es VVII le Sone de V	ROO	F SNOW LOAD	1:0 kPa	ROOF SNO	ROOF SNOW LOAD 1,5 kPa			
RAFTER SIZE	RAF	TER SPACING (in)_0.0	RAFTERS	SPACING (in) O	.C		
100,000,000	12"	16"	24"	12"	16"	24"		
2"x 4	10' 2"	9" 3"	8" 1."	8' 11'	8" 1"	7' 1"		
2"x 6"	16' 0"	14" 7"	12* 9**	14' 0"	12' 9"	11, 1,		
2'x 8"	21" 1"	19' 2"	16" 9"	18" 5"	16′ 9″	14' 5"		
2'x 10"	27' 0"	24' 6"	20' 11"	23' 6"	21' 4"	17" 8"		

ROOF JOISTS (WHERE CEILING IS INSTALLED)

			MAXIMUM CLE	AR SPAN (FI)				
V	ROOF	SNOW LOAD	1.0 kPa	ROOF SNO	ROOF SNOW LOAD 1.5 kPa			
JOIST SIZE	JOIST	SPACING (in)	O.C.	JOIST SPACING (In) O.C.				
.,	12"	16"	24"	12"	16"	24"		
2"x 4"	8* 1**	7* 4**	8 5"	75.14	6' 5"	5' A''		
2°× 6"	12" 9"	137. 6#	10" 1"	11' 1"	10' 1"	8 9		
2"x 8"	16" 9"	15* 2*	15' 5"	14' 7"	15' 5"	11' 7"		
2"x 10"	21" 4"	19' 5"	17' 0"	18' 6"	17" 0"	14" 10"		

FLOOR JOISTS

				MA	MUMIX	CLEAR	SPAN ((FT)				
JOIST	1"x 3" OR DRY				E 11 12 0 1100 C		BOTH STRAPPING & BRIDGING			I 1/2"-2"CONCRETE TOPPING		
SIZE	JOIST S	PACING	(in)	JOIST SPACING (in)		JOIST SPACING (in)		JOIST SPACING (in)				
	12	16"	24"	12"	16"	24	12"	15"	24"	12"	16"	24"
2"x 4"	6"1"	5' 7"	5' 2"	o" 6"	5' 11"	5′ 2"	6" 6"	5" 11"	5 2	6'6	5" 11"	5' 2"
2"x 6"	9" 6"	8' 10'	8' 2"	10" 3"	9' 4"	8 2	10" 3"	9" 4"	8' 2"	10" 3"	9 4"	8" 2"
2"x 8"	11' 7"	11' 0"	10' 6"	12" 6"	11" 9"	10" 8"	13" 1"	12 2"	10' 8"	15 6	12° 3°	10' 8"
2"x 10"	15' 5"	12" 11"	12" 4"	14" 6"	13' 8"	12' 10'	15" 1"	14" 0"	15' 1"	17' 3"	15' 8"	15" 6"
2"x 12"	15' 7"	14" 4"	14" 1"	18' 5'	-15" 5"	141 6"	16" 11"	15' 9"	147 8	20' 5"	10'_0"	15' 8"

CEILING JOISTS

MAXIMUM CLEAR SPAN (FT)						
JOIST	JOIST SPACING (in) O.C.					
SIZE	12"	16".	24			
2"x 4"	10" 2"	9, 2,	8' 1"			
2"x 6"	16′ 0	14' 7"	12" 9"			
2"x 8"	21' 1"	19" 2"	(6' 9'			
2'4 10"	1027 349	10'A 1 6'B	01' 3"			

SUBFLOORING

FLOOR JOIST	SUBFLOORING MIN THICKNESS (In)					
UP 10 (in) 0.0	PLYWOOD	WAFER BD.	LUMBER			
16"	3/8"	3/8"	11/16T			
20"	3/8"	3/8"	3/+"			
24*	3/4"	3/4	3/4"			

ROOF SHEATHING

ROOF FRAMING (in) 0.0	ROCE SMEATHING MIN. THICKNESS UNSUPPORTED EDGES (In)	ROOF SHEATHING MIN, THICKNESS TONGUE & GROOVE, "H"-CLIPS (IA) OR OTHER EDGE SUPPORT
12"	3/8" PLYWOOD, 5/8" WAFER BD. OR 11/16" LUMBER	3/16" PLYWOOD, 5/8 WAPER OD OR H/16" LUMBER
16"	3/8" PLYWOOD, 7/16" WAFER BD OR 11/16" LUMBER	3/16" PLYWCOD, 5/8" WAFER BD OR 11/16" LUMBER
24"	1/2" PLYWOOD OR 3/4" LUMBER	5/8 PLYWOOD, 7/16 WARER BD GR 3/8" LUMBER

CENERAL NOTES

- 1. ALL LUMBER TO BE NO. 1&2 SPF OR BETTER
- STRAPPING & CROSS BRIDGING MAXIMUM 6' 11" FROM END SUPPORT & OTHER ROWS OF STRAPPING & BRIDGING.
- CEILING JOIST TABLE MAY BE APPLIED ONLY WHERE ATTIC IS NOT ACCESSIBLE BY A STAIRWAY.
- WHERE FINISHED FLOORING CONSISTS OF 3/4" WOOD STRIPS, SUBFLOOR MAY BE REDUCED TO 1/2".

TOWN OF GEORGINA
STANDARD DETAIL
TACBOC

SPECIFICATION - BUILDING CODE STANDARDS
STRUCTURAL SPAN TABLES & MOTES

sold.

-