

1 SECOND LEVEL FLOOR PLAN - NORTH END  
SCALE 3/16" = 1'-0"

**CONSTRUCTION TYPE SCHEDULE**

**WALL ASSEMBLIES:**

- (W1) TYPICAL EXTERIOR BRICK WALL:  
6" PAINTED TYPE X GYPSUM OVER GALVANIZED METAL FURRING CHANNELS  
2" POLYURETHANE INSULATION (OR FOAM GLASS INSULATION PRODUCT BY ROSEL)  
EXISTING MASONRY WALL  
MECHANICALLY FASTENED DRYWALL THROUGH FURRING CHANNELS TO MASONRY
- (W2) TYPICAL INTERIOR MASONRY WALL:  
REMOVE EXISTING PAINT FINISH BY SAND BLASTING (OR CHEMICAL WASH); MAJOR DAMAGED AREAS WITH MATCHING BRICK & MORTAR
- (W3) CORRIDOR TO OFFICE WALL:  
6" TYPE X GYPSUM BOTH SIDES OF 1" X 4" X 12" WOOD STUDS AT 16" O.C. WITH SOUND ATTENUATION BATT BETWEEN
- (W4) CONTINUOUS PARTY WALL:  
6" TYPE X GYPSUM OVER 1/2" METAL BRAND ISOLATION CHANNELS OVER 1" X 4" X 12" WOOD STUDS AT 16" O.C. WITH SOUND ATTENUATION BATT BETWEEN  
MIRROR ASSEMBLY ON OTHER SIDE OF 12" AIR SPACE
- (W5) EXTERIOR CURTAIN WALL:  
CLEAR LOW E THERMOPLASTIC WINDOWS IN THERMALLY BROKEN CLEAR ANODIZED ALUMINUM FRAMES
- (W6) BASEMENT "DOCK" WALL AT SOUTH EXPOSED ROCK FACE:  
12" GYPSUM OVER CONTINUOUS 6" ML POLY VAPOR BARRIER OVER 2" WOOD BLOCKING AT 24" O.C. ON ROOF INSULATION OVER  
8" NON-COMBUSTIBLE BLOCK WALL ON PARGE COAT MR. 8" VENTED AIR SPACE OVER  
MIN. 2" (2") DRAINAGE TRENCH TO EXIST SWEEPING TILE EXPOSED ROCK FACE ON INTERIOR SIDE
- (W7) EXTERIOR BASEMENT WALL:  
CEMENTICIOUS PARGE OVER EXISTING STONE FOR WALL  
EXIST' EXTERIOR BASEMENT WALL (AT SLEUTHWAY)
- (W8) 12" GYPSUM  
POLY VAPOR BARRIER  
8" METAL STUDS @ 16" O.C. WITH MINERAL WOOL BATT INSULATION  
12" DENGLASS EXTERIOR SHEATHING  
E.I.F.S. ACRYLIC STUCCO FINISH
- (W9) EXTERIOR WALL AT NORTH SOILER ROOM EXTENSION:  
12" GYPSUM  
1" OF BLOCK WALL OF 12" POLYURETHANE BOTH SIDES OF 1" OF BRICKS/CONCRETE CORE  
BRICK (OR STONE) VENEER - REFER TO ELEVATIONS
- (W10) EXTERIOR WALL AT NORTH SOILER ROOM EXTENSION:  
SAME AS W9 BUT MASONRY VENEER RETURNED ALL SIDES
- (W11) EXTERIOR WALL AT NORTH SOILER ROOM EXTENSION:  
12" GYPSUM  
POLY VAPOR BARRIER  
8" METAL STUDS @ 16" O.C. WITH MINERAL WOOL BATT INSULATION  
12" DENGLASS EXTERIOR SHEATHING  
E.I.F.S. ACRYLIC STUCCO FINISH
- (W12) PARTIAL HEIGHT INTERIOR WALL:  
12" GYPSUM  
3" METAL STUDS ALL SIDES  
1" OF BLOCK WALL OF 12" POLYURETHANE BOTH SIDES OF 1" OF BRICKS/CONCRETE CORE
- (W13) INTERIOR LOAD BEARING WALL:  
12" GYPSUM BOTH SIDES OF 4" LOAD BEARING METAL STUDS  
PROPOSED INTERIOR FUTURE NON-LOAD BEARING WALLS (SHOWN DASHED)
- (W14) 12" GYPSUM BOTH SIDES OF 3" METAL STUDS @ 16" O.C.  
E.I.F.S. ACRYLIC STUCCO FINISH
- (W15) PARTIAL HEIGHT TERRACE WALL AT SOILER ROOM:  
E.I.F.S. ACRYLIC STUCCO FINISH  
12" DENGLASS EXTERIOR SHEATHING OVER 8" METAL STUDS @ 16" O.C.
- (W16) INTERIOR NON-LOAD BEARING PARTITIONS:  
12" GYPSUM BOTH SIDES OF 3" WOOD STUDS @ 16" O.C.
- (W17) EXTERIOR WALL AT SOILER ROOM EXTENSION:  
12" GYPSUM  
POLY VAPOR BARRIER  
8" METAL STUDS @ 16" O.C. WITH MINERAL WOOL BATT INSULATION  
12" DENGLASS EXTERIOR SHEATHING  
E.I.F.S. ACRYLIC STUCCO FINISH

**FLOOR ASSEMBLIES:**

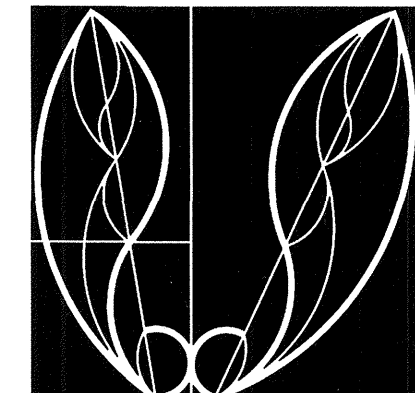
- (F1) LOWER LEVEL SOILER ROOM EXTENSION FLOOR:  
8" PRECAST CONCRETE SLAB ON RADIANT HEATING TUBES  
8" ML POLYURETHANE VAPOR BARRIER  
4" UNDEGLASS POLYURETHANE INSULATION (20 MM)  
COMPACTED SUBGRADE
- (F2) MAIN LEVEL SOILER ROOM EXTENSION FLOOR:  
FINISH FLOORING (TYPE TO BE DETERMINED)  
2" CONCRETE TOPPING ON RADIANT HEATING TUBES  
17" CORRELAM PRECAST PRESTRESSED CONCRETE SLAB
- (F3) SECOND LEVEL SOILER ROOM EXTENSION FLOOR:  
FINISH FLOORING (TYPE TO BE DETERMINED)  
2" CONCRETE TOPPING ON RADIANT HEATING TUBES  
17" CORRELAM PRECAST PRESTRESSED CONCRETE SLAB  
2 LAYERS OF 7" POLYURETHANE INSULATION  
6" ML POLYURETHANE VAPOR BARRIER  
12" TYPE X GYPSUM BOARD, PAINTED
- (F4) LOWER LEVEL FLOOR:  
CONCRETE SLAB FLOOR ON UNDISTURBED SOIL
- (F5) MAIN LEVEL FLOOR AT NORTH END:  
CERAMIC TILE OVER LEVELING CONCRETE COAT  
3/4" WOOD RAFFER FLOOR  
PRE-ENGINEERED WOOD JOISTS OVER STEEL STRUCTURE  
FULL DEPTH BATT INSULATION IN FLOOR CAVITY
- (F6) MAIN LEVEL FLOOR SOUTH END:  
CERAMIC TILE OVER LEVELING CONCRETE COAT  
CONCRETE SLAB FLOOR ON UNDISTURBED SOIL
- (F7) SECOND LEVEL FLOOR:  
2 LAYERS OF 1" WOOD STRIP FLOORING OVER 12" WOOD JOISTS AND HEAVY TAPER STRUCTURE  
FULL DEPTH BATT INSULATION IN FLOOR CAVITY  
NOTE: CLAD UNDERSIDE OF FLOOR ASSEMBLY WITH 2 LAYERS OF 1/2" TYPE X GYPSUM (EXCLUDING HEAVY TAPER SUPPORTS)
- (F8) CLERESTORY LEVEL FLOOR:  
FINISH FLOORING OVER 3/4" O.S.B. DECKING  
ALTERNATE: 1" 1/4" 4" STRUCTURAL PINE T&G PLANKING  
5-12" PRE-ENGINEERED WOOD JOISTS OVER HEAVY TAPER SURFACES  
NOTE: CLAD UNDERSIDE OF FLOOR ASSEMBLY WITH 2 LAYERS OF 1/2" TYPE X GYPSUM (EXCLUDING HEAVY TAPER SUPPORTS)  
STRAP UNDERSIDE OF JOISTS WITH METAL ISOLATION CHANNELS @ 16" O.C.
- (F9) MEZZANINE LEVEL FLOOR:  
DOUBLE 2-1/2" x 4" T&G STRUCTURAL PINE BOARDS BETWEEN STEEL STRUCTURE
- (F10) MEZZANINE LEVEL FLOOR:  
1-1/4" x 8" T&G PINE BOARDS BETWEEN STEEL STRUCTURE
- (F11) SEPARATE MAIN LEVEL SOILER ROOM EXTENSION FLOOR:  
2" CONCRETE TOPPING ON RADIANT HEATING TUBES  
17" CORRELAM PRECAST PRESTRESSED CONCRETE SLAB  
6" ML POLYURETHANE VAPOR BARRIER  
8" METAL STUDS @ 16" O.C. MAX. CW FULL DEPTH BATT INSULATION  
12" TYPE X GYPSUM BOARD, PAINTED  
E.I.F.S. ACRYLIC STUCCO FINISH

**ROOF ASSEMBLIES:**

- (R1) SOILER ROOM EXTENSION ROOF TERRACE:  
2 LAYERS OF MODIFIED BITUMEN ROLL ROOF MEMBRANE  
1/4" INSULATION BOARD  
2 LAYERS OF 7" POLYISOCYANURATE INSULATION, SLOPED  
18 ga 1-1/2" STEEL FORM DECK  
18 ga 1-1/2" STEEL CHANNELS @ 16" O.C. MAX.  
12" TYPE X GYPSUM BOARD, PAINTED
- (R2) SOILER ROOM EXTENSION ROOF:  
1" PRECAST CONCRETE SLAB  
2 LAYERS OF MODIFIED BITUMEN ROLL ROOF MEMBRANE  
2" CONCRETE TOPPING  
17" CORRELAM PRECAST PRESTRESSED CONCRETE SLAB  
2 LAYERS OF 7" POLYURETHANE INSULATION  
6" ML POLYURETHANE VAPOR BARRIER  
12" TYPE X GYPSUM BOARD, PAINTED
- (R3) SLOPED ROOF:  
MODIFIED BITUMEN MEMBRANE ROOFING  
2" RIGID INSULATION OVER WOOD CEILING  
12" WOOD RAFFERS ON 5-12" FIBERGLASS BATT INSULATION BETWEEN INSULATED CONTINUOUS 6" ML POLY VAPOR BARRIER AT UNDERSIDE OF RAFFERS & 6" ML POLYURETHANE VAPOR BARRIER OVER RAFFERS  
NOTE: PROVIDE VENTED 2" AIR SPACE BETWEEN TO BATT INSULATION AND US OF ROOF CEILING
- (R4) ARCHED CLERESTORY ROOF:  
E.P.D.M. ROOFING SYSTEM OVER ROOF INSULATION  
EXPOSED STRUCTURAL PINE JOISTS AND RAFFERS OVER ARCHITECTURAL GRADE ANCHORS  
UL-AM WOOD BEAMS ON STEEL CONNECTION MEMBERS AND TIE RODS

For Condominium Registration Sept 07-2009

All drawings and noted construction assemblies reflect the as-found condition of the building at the time of site investigation, and where such assemblies were not fully visible they are an estimation based on other similar conditions. Architect's copyright reserved.



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- Second Level Floor Plan - North End  
- Construction Type Schedule

Thoburn Mill  
83 Little Bridge Street  
Almonte ON K0A 1A0

Job No.: 0814 DWG No.:  
Scale: As Shown  
Date: September 2009  
Drawn By: TB Checked By: PM

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