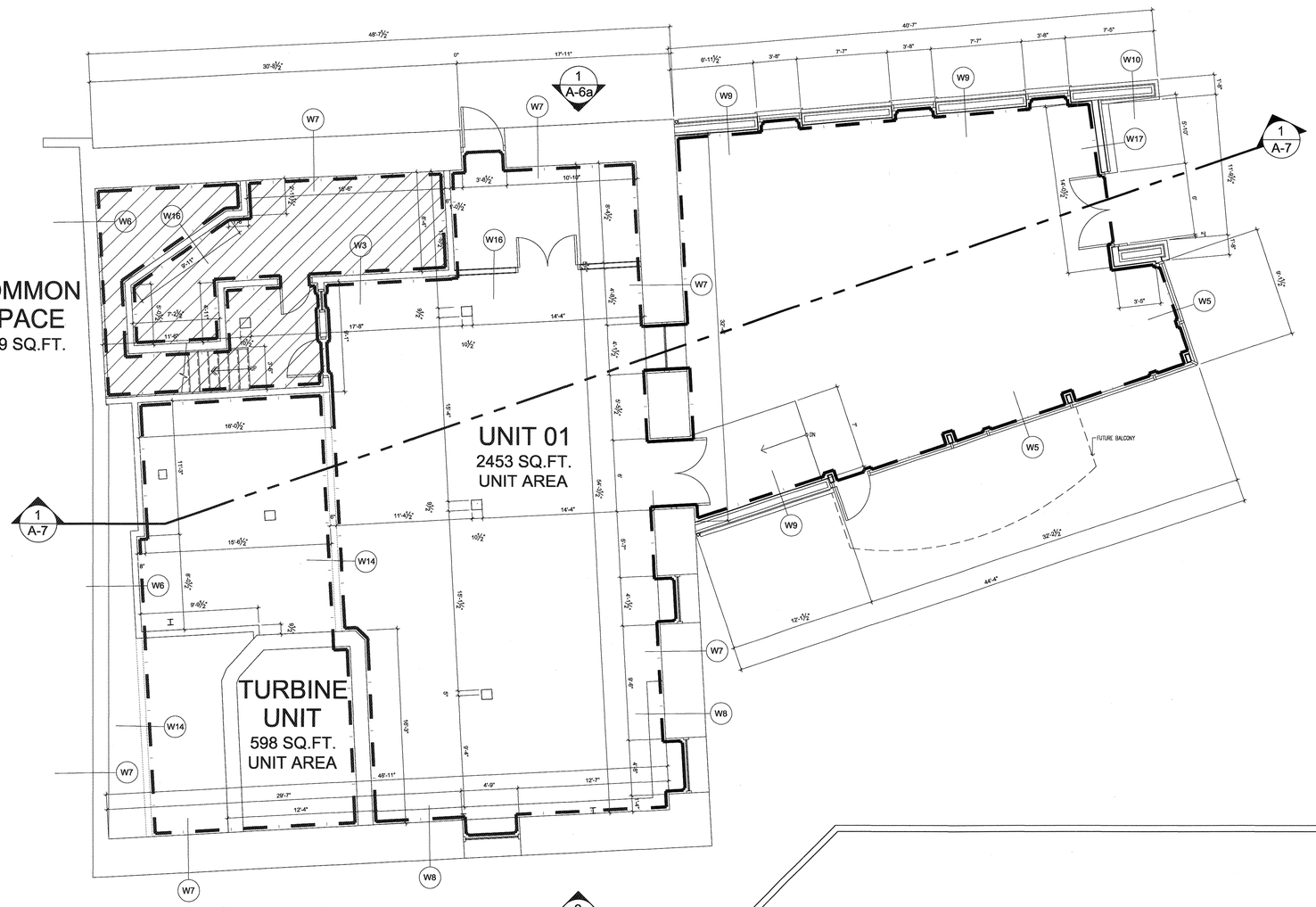
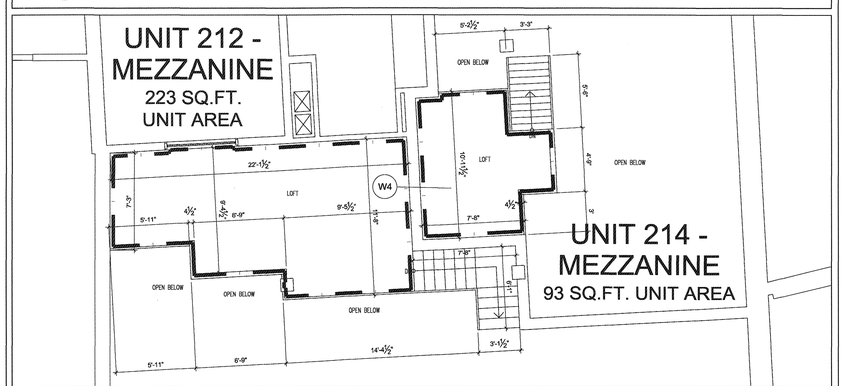
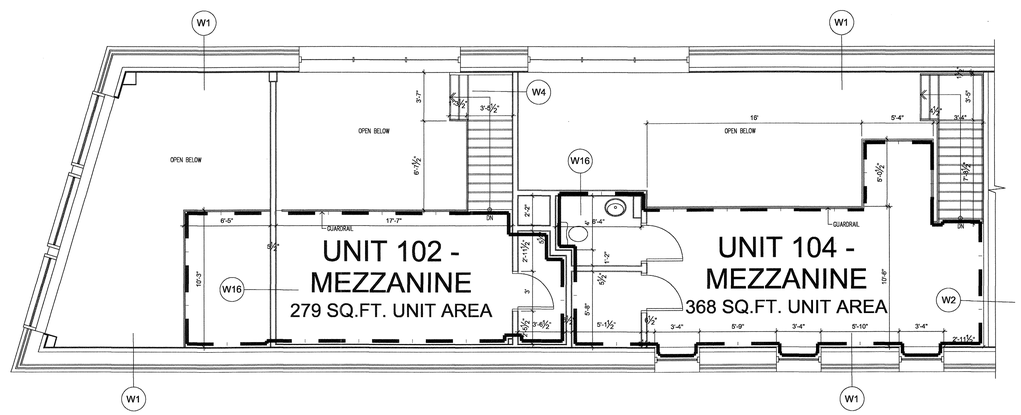



1 A-1 LOWER LEVEL FLOOR PLAN
SCALE 3/16" = 1'-0"




2 A-1 SECOND LEVEL MEZZANINE FLOOR PLAN




3 A-1 MAIN LEVEL MEZZANINE FLOOR PLAN
SCALE 3/16" = 1'-0"

## CONSTRUCTION TYPE SCHEDULE

### WALL ASSEMBLIES:

**W1** TYPICAL EXTERIOR BRICK WALL :
5/8" PAINTED TYPE 'X' GYPSUM OVER
GALVANIZED METAL FURRING CHANNELS
2 1/2" FOIL BACKED SEMI-RIGID POLYSTYRENE INSULATION
(OR EQUIVALENT MINERAL FIBRE PRODUCT BY ROXEL)
SPRAY-ON URETHANE INSULATION
EXISTING MASONRY WALL
MECHANICALLY FASTEN DRYWALL THROUGH FURRING
CHANNELS TO MASONRY

**W2** TYPICAL INTERIOR MASONRY WALL:
REMOVE EXISTING PAINT FINISH FINISH BY SAND BLASTING
(OR CHEMICAL WASH). MAKE GOOD DAMAGED AREAS WITH
MATCHING BRICK & MORTAR

**W3** CORRIDOR TO OFFICE WALL:
5/8" TYPE 'X' GYPSUM BOTH SIDES OF 1 1/2" X 6 1/2"
WOOD STUDS AT 16" O/C O/W
SOUND ATTENUATION BATTS BETWEEN

**W4** CONTINUOUS PARTY WALL:
5/8" TYPE 'X' GYPSUM OVER
1/2" METAL SOUND ISOLATION CHANNELS OVER
1 1/2" X 3 1/2" WOOD STUDS AT 16" O/C WITH
SOUND ATTENUATION BATTS BETWEEN
MIRROR ASSEMBLY ON OTHER SIDE OF 1/2" AIR SPACE

**W5** EXTERIOR CURTAIN WALL :
CLEAR LOW-E THERMOPANE WINDOWS IN
THERMALLY BROKEN CLEAR ANODIZED ALUMINUM FRAMES

**W6** BASEMENT 'COCOON' WALL AT SOUTH EXPOSED ROCK FACE:
1/2" GYPSUM OVER CONTINUOUS 6 MIL POLY VAPOUR
BARRIER OVER 2" X 2" WOOD BLOCKING AT 24"O/C O/W
RIGID INSULATION OVER
8" NON LOAD BEARING BLOCK WALL C/W PARGE COAT
MIN. 6" VENTED AIR SPACE C/W
MIN 2"X2" DEEP DRAINAGE TRENCH TO EXTR WEEPING TILE
EXPOSED ROCK FACE ON INTERIOR SIDE

**W7** EXTERIOR BASEMENT WALL:
CEMENTICIOUS PARGING OVER EXISTING STONE FDN WALL

**W8** EAST EXTERIOR BASEMENT WALL (AT SLEUTHWAY):
1/2" GYPSUM
POLY VAPOUR BARRIER
3 1/2" WOOD STUDS @ 16"O.C. WITH
MINERAL WOOL BATT INSULATION
EXISTING STONE FOUNDATION WALL

**W9** EXTERIOR WALL AT NORTH 'BOILER ROOM EXTENSION':
1/2" GYPSUM
11" (3" BLOCK WALL) [2 1/2" POLYSTYRENE BOTH SIDES
OF 8" REINFORCED CONCRETE CORE]
1" AIR SPACE
BRICK (OR STONE) VENEER - REFER TO ELEVATIONS

**W10** EXTERIOR WALL AT NORTH 'BOILER ROOM EXTENSION':
SAME AS W9 BUT MASONRY VENEER RETURNED ALL SIDES

**W11** EXTERIOR WALL AT NORTH 'BOILER ROOM EXTENSION':
1/2" GYPSUM
POLY VAPOUR BARRIER
8" METAL STUDS @ 16"O.C. WITH
MINERAL WOOL BATT INSULATION
1/2" DENSGLASS EXTERIOR SHEATHING
E.I.F.S. 'ACRYLIC STUCCO' FINISH

**W12** PARTIAL HEIGHT INTERIOR WALL:
1/2" GYPSUM
3 1/2" METAL STUDS ALL SIDES
11" (3" BLOCK WALL) [2 1/2" POLYSTYRENE BOTH SIDES
OF 8" REINFORCED CONCRETE CORE]

**W13** INTERIOR LOAD BEARING WALL:
1/2" GYPSUM BOTH SIDES OF 4" LOAD BEARING METAL STUDS

**W14** PROPOSED INTERIOR FUTURE NON LOAD BEARING WALLS:
(SHOWN DASHED)
1/2" GYPSUM BOTH SIDES OF 3 1/2" METAL STUDS @ 16"O.C.

**W15** PARTIAL HEIGHT TERRACE WALL AT 'BOILER ROOM':
E.I.F.S. 'ACRYLIC STUCCO' BOTH SIDES OF
1/2" DENSGLASS EXTERIOR SHEATHING OVER
8" METAL STUDS @ 16"O.C.

**W16** INTERIOR NON LOAD BEARING PARTITIONS:
1/2" GYPSUM BOTH SIDES OF 3 1/2" WOOD STUDS @ 16"O.C.

**W17** EXTERIOR WALL AT 'BOILER ROOM EXTENSION':
1/2" GYPSUM
POLY VAPOUR BARRIER
6" METAL STUDS @ 16"O.C. WITH
MINERAL WOOL BATT INSULATION
1/2" DENSGLASS EXTERIOR SHEATHING
E.I.F.S. 'ACRYLIC STUCCO' FINISH

### FLOOR ASSEMBLIES:

**F1** LOWER LEVEL 'BOILER ROOM EXTENSION FLOOR' :
6" POURED CONCRETE SLAB C/W RADIANT HEATING TUBES
EQPM SHEET MEMBRANE OR SIMILAR EQUIVALENT
4" UNDERSLAB POLYSTYRENE INSULATION (30 psi MIN)
COMPACTED SUBGRADE

**F2** MAIN LEVEL BOILER ROOM EXTENSION FLOOR :
FINISH FLOORING (TYPE TO BE DETERMINED)
2" CONCRETE TOPPING C/W RADIANT HEATING TUBES
10" CORESLAB PRECAST PRESTRESSED CONCRETE SLAB

**F3** SECOND LEVEL BOILER ROOM EXTENSION FLOOR :
FINISH FLOORING (TYPE TO BE DETERMINED)
2" CONCRETE TOPPING C/W RADIANT HEATING TUBES
* "P" CORESLAB PRECAST PRESTRESSED CONCRETE SLAB
2 LAYERS OF 2" POLYSTYRENE INSULATION
6 MIL POLYETHYLENE VAPOUR BARRIER
1/2" 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 SUBFLOOR
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 1/2" WOOD STRIP FLOORING OVER
12" WOOD JOISTS AND HEAVY TIMBER 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
TIMBER SUPPORTS)

**F8** CLERESTORY LEVEL FLOOR:
FINISHED FLOORING OVER 3/4" O.S.B. DECKING
(ALTERNATE: 1 1/4" X 4" STRUCTURAL PINE T&G PLANKING)
9-1/2" PRE-ENGINEERED WOOD JOISTS OVER
HEAVY TIMBER SUPPORTS
NOTE: CLAD UNDERSIDE OF FLOOR ASSEMBLY WITH 2
LAYERS OF 1/2" TYPE 'X' GYPSUM (EXCLUDING HEAVY
TIMBER SUPPORTS)
STRAP UNDERSIDE OF JOISTS WITH METAL ISOLATION
CHANNELS @ 16" O/C

**F9** MEZZANINE LEVEL FLOOR:
DOUBLE 2-1/2" x 8" T&G STRUCTURAL PINE BOARDS
BETWEEN STEEL STRUCTURE

**F10** MEZZANINE LEVEL FLOOR:
1-1/4" x 6" T&G PINE BOARDS
BETWEEN STEEL STRUCTURE

**F11** SEPARATE MAIN LEVEL BOILER ROOM EXTENSION FLOOR :
2" CONCRETE TOPPING C/W RADIANT HEATING TUBES
10" CORESLAB PRECAST PRESTRESSED CONCRETE SLAB
6 MIL POLYETHYLENE VAPOUR BARRIER
6" STEEL STUDS @ 16" O.C. MAX. C/W FULL DEPTH BATT
INSULATION
1/2" DENS GLASS GOLD EXTERIOR SHEATHING BOARD
E.I.F.S. 'ACRYLIC STUCCO' FINISH

### ROOF ASSEMBLIES:

**R1** BOILER ROOM EXTENSION ROOF 'TERRACE' :
2 LAYERS OF MODIFIED BITUMEN ROLL ROOF MEMBRANE
2" RIGID INSULATION
2 LAYERS OF 2" POLYISOCIANURATE INSULATION, SLOPED
6 MIL POLYETHYLENE VAPOUR BARRIER
22 ga 1-1/2" STEEL FORM DECK
16 ga 18" STEEL CHANNELS @ 16" O.C. MAX.
1/2" TYPE 'X' GYPSUM BOARD, PAINTED

**R2** BOILER ROOM EXTENSION ROOF :
1" PRECAST CONCRETE PAVERS
2 LAYERS OF MODIFIED BITUMEN ROLL ROOF MEMBRANE
2" CONCRETE TOPPING
10" CORESLAB PRECAST PRESTRESSED CONCRETE SLAB
2 LAYERS OF 2" POLYSTYRENE INSULATION
6 MIL POLYETHYLENE VAPOUR BARRIER
1/2" TYPE 'X' GYPSUM BOARD, PAINTED

**R3** SLOPED ROOF:
MODIFIED BITUMEN MEMBRANE ROOFING
2" RIGID INSULATION OVER WOOD DECKING
2" X 12" WOOD JOISTS AT 24" O/C W/ HEAVY TIMBERS
BATT INSULATION BETWEEN, PROVIDE CONTINUOUS 6 MIL
POLY VAPOUR BARRIER AT UNDERSIDE OF RAFTERS BEHIND
1"X3" WOOD STRAPPING @ 16"O/C AND 1/2" GYPSUM
NOTE: PROVIDE VENTED 2" AIR SPACE BETWEEN T/O BATT
INSULATION AND U/S OF ROOF DECKING

**R4** ARCHED CLERESTORY ROOF:
E.P.D.M. ROOFING SYSTEM OVER RIGID INSULATION
EXPOSED STRUCTURAL PINE V-JOINTED PLANKING OVER
ARCHITECTURAL GRADE ARCHED 10-LI-LAM WOOD BEAMS C/W
STEEL CONNECTION MEMBERS AND TIE RODS

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|---|---|---|
| 1 | For Condominium Registration | Sept07-2009 |
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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.
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15 Bridge Street, Almonte, ON
613 256-5213


- Lower Level Floor Plan
- Mezzanine Floor Plans
- Construction Type Schedule

Thoburn Mill
83 Little Bridge Street
Almonte ON K0A 1A0

| | | |
|---|---|---|
| Job No. : | 0814 | DWG NO. |
| Scale: | As Shown | A-1 |
| Date: September 2009 | | |
| Drawn By: TB | Checked By: PM | |