

CONSTRUCTION TYPE SCHEDULE

WALL ASSEMBLIES:

- (W1) TYPICAL EXTERIOR BRICK WALL:
1/2" PAINTED TYPE X GYPSUM OVER GALVANIZED METAL FURRING CHANNELS 2" OF FIBER GLASS BATT INSULATION (OR EQUIVALENT MINERAL FIBRE PRODUCT BY ROCKWELL) SPRAY ON URETHANE INSULATION EXTERIOR MASONRY WALL MECHANICALLY FASTEN DRYWALL THROUGH FURRING CHANNELS TO MASONRY
- (W2) TYPICAL INTERIOR MASONRY WALL:
REMOVE EXISTING PAINT FINISH FRESH BY SAND BLASTING (OR CHEMICAL WASH), MAKE GOOD DAMAGED AREAS WITH MATCHING BRICK A MORTAR
- (W3) CORRIDOR TO OFFICE WALL:
5/8" TYPE X GYPSUM BOTH SIDES OF 1 1/2" X 5 1/2" WOOD STUDS AT 16" O.C. WITH SOUND ATTENUATION BATT BETWEEN CONTINUOUS PARTY WALL
- (W4) CONTINUOUS PARTY WALL:
5/8" TYPE X GYPSUM OVER 1/2" METAL ISOLATION CHANNELS OVER 1 1/2" X 3 1/2" WOOD STUDS AT 16" O.C. WITH SOUND ATTENUATION BATT 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 "WOODEN" WALL AT SOUTH EXPOSED ROCK FACE:
1/2" GYPSUM OVER CONTINUOUS 6 MIL POLY VAPOR BARRIER OVER 2" WOOD FLOORING AT 30" O.C. ROOF INSULATION OVER 8" NON LOAD BEARING BLOCK WALL OVER PARALLEL W/IN. 8" VENTED AIR SPACE OVER 1/4" GYPSUM OVER TRENCH TO EXTERIOR WEIRING TILE EXPOSED ROCK FACE ON INTERIOR SIDE
- (W7) EXTERIOR BASEMENT WALL:
CEMENTICIOUS PARKING OVER EXISTING STONE FOR WALL EAST EXTERIOR BASEMENT WALL (AT SLEUTHWAY)
- (W8) 1/2" GYPSUM POLY WAPOR BARRIER 8" METAL STUDS @ 16" O.C. WITH MINERAL WOOL BATT INSULATION EXTERIOR STUCCO FINISH
- (W9) EXTERIOR WALL AT NORTH BOILER ROOM EXTENSION:
1/2" GYPSUM 1 1/2" O.C. BLOCK WALL @ 1/2" POLYURETHANE BOTH SIDES OR 8" BURNERES 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 WAPOR BARRIER 8" METAL STUDS @ 16" O.C. WITH MINERAL WOOL BATT INSULATION 1/2" DENGLASS EXTERIOR SHEATHING E.I.F.S. ACRYLIC STUCCO FINISH
- (W12) PARTIAL HEIGHT INTERIOR WALL:
1/2" GYPSUM 3" OF METAL STUDS ALL SIDES 1" OF BLOCK WALL @ 1/2" POLYURETHANE BOTH SIDES OF 8" BURNERES 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. NON-C STUCCO BOTH SIDES OF 1/2" DENGLASS EXTERIOR SHEATHING OVER 8" METAL STUDS @ 16" O.C.
- (W16) INTERIOR WALL LOAD BEARING PARTITION:
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 WAPOR BARRIER 8" METAL STUDS @ 16" O.C. WITH MINERAL WOOL BATT INSULATION 1/2" DENGLASS EXTERIOR SHEATHING E.I.F.S. ACRYLIC STUCCO FINISH

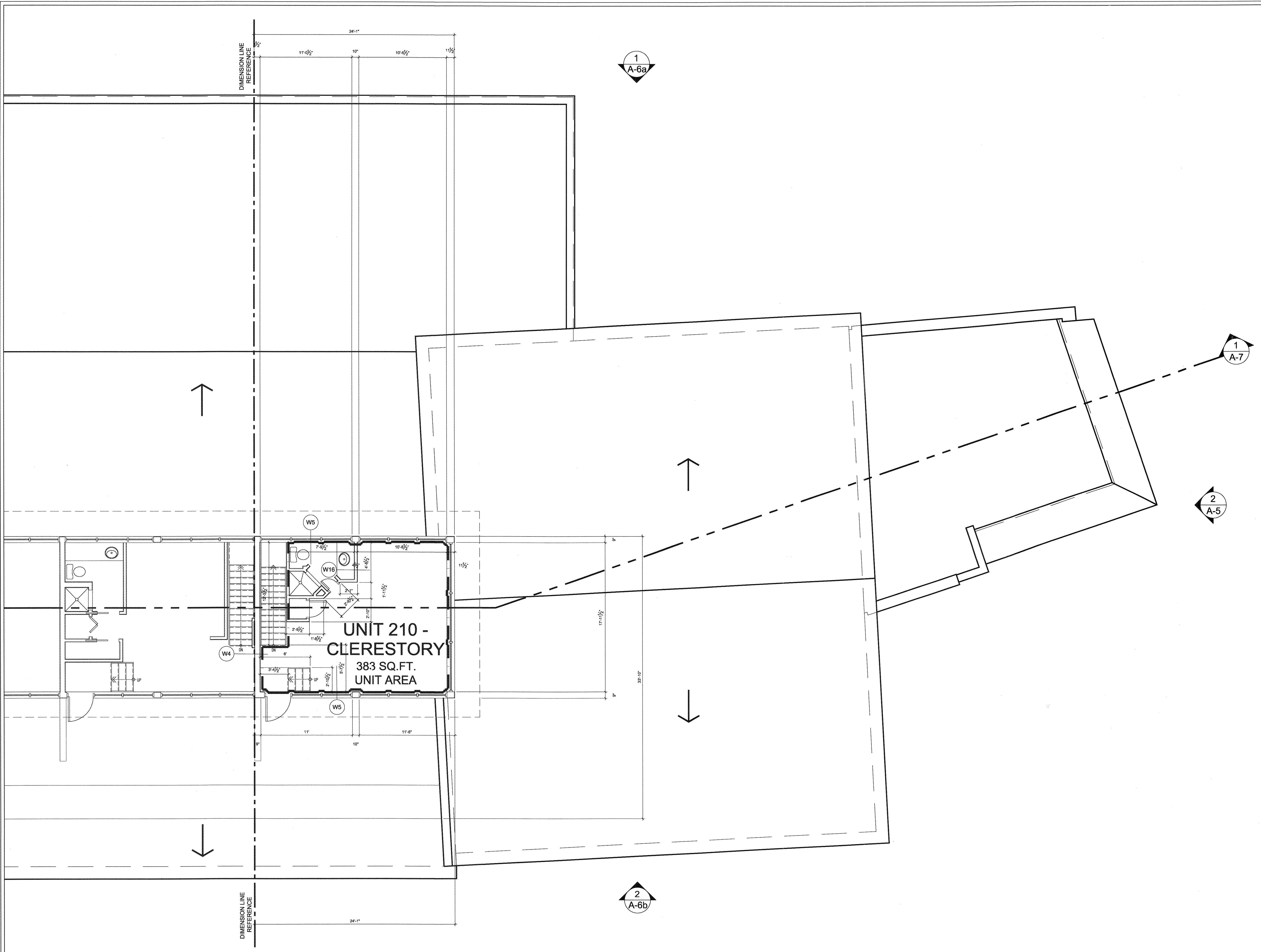
FLOOR ASSEMBLIES:

- (F1) LOWER LEVEL BOILER ROOM EXTENSION FLOOR:
8" POLISHED CONCRETE SLAB OVER RADIANT HEATING TUBES EDW BUILT MEMBRANE OR EQUAL EQUIVALENT 8" UNDERSLAB POLYURETHANE INSULATION (20 PPM) COMPACTED SUBGRADE
- (F2) MAIN LEVEL BOILER ROOM EXTENSION FLOOR:
FINISH FLOORING TYPE TO BE DETERMINED 2" CONCRETE TOPPING OVER RADIANT HEATING TUBES 10" CORES AB PRECAST PRESTRESSED CONCRETE SLAB
- (F3) SECOND LEVEL BOILER ROOM EXTENSION FLOOR:
FINISH FLOORING TYPE TO BE DETERMINED 2" CONCRETE TOPPING OVER RADIANT HEATING TUBES 10" CORES AB PRECAST PRESTRESSED CONCRETE SLAB 6 MIL POLYETHYLENE VAPOR 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: SLAB UNDERSIDE OF FLOOR ASSEMBLY WITH 2 LAYERS OF 1/2" TYPE X GYPSUM (EXCLUDING HEAVY TIMBER SUPPORTS)
- (F8) CLERESTORY LEVEL FLOOR:
FINISH FLOORING OVER 3/4" O.E.B. DECORING (ALTERNATE: 1 1/2" X 1/2" STRUCTURAL FINE T&G PLANKING) 8" OF PRE-ENGINEERED WOOD JOISTS OVER HEAVY TIMBER SUPPORTS NOTE: SLAB 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 4" T&G STRUCTURAL FINE BOARDS BETWEEN STEEL STRUCTURE
- (F10) MEZZANINE LEVEL FLOOR:
1-1/4" X 4" T&G FINE BOARDS BETWEEN STEEL STRUCTURE
- (F11) SEPARATE MAIN LEVEL BOILER ROOM EXTENSION FLOOR:
2" CONCRETE TOPPING OVER RADIANT HEATING TUBES 10" CORES AB PRECAST PRESTRESSED CONCRETE SLAB 6 MIL POLYETHYLENE VAPOR BARRIER 8" METAL STUDS @ 16" O.C. MAX. C/W FULL DEPTH BATT INSULATION 1/2" DENGLASS GOLD EXTERIOR SHEATHING BOARD E.I.F.S. ACRYLIC STUCCO FINISH

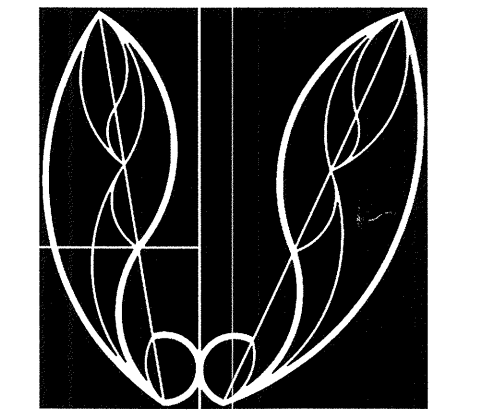
ROOF ASSEMBLIES:

- (R1) BOILER ROOM EXTENSION ROOF TERRACE:
2 LAYERS OF MODIFIED BITUMEN ROLL ROOF MEMBRANE 1/4" BACKER BOARD 2 LAYERS OF 2" POLYISOCYANURATE INSULATION, SLOPED 2% TO 1 1/2" DRAINAGE SLOPE 22 GA 1 1/2" STEEL FORM DECK 15 GA 1 1/2" STEEL CHANNELS @ 30" O.C. MAX. 1/2" TYPE X GYPSUM BOARD, PAINTED
- (R2) BOILER ROOM EXTENSION ROOF:
1" PRECAST CONCRETE PAVES 2 LAYERS OF MODIFIED BITUMEN ROLL ROOF MEMBRANE 2" CONCRETE TOPPING 10" CORES AB PRECAST PRESTRESSED CONCRETE SLAB 6 MIL POLYETHYLENE VAPOR BARRIER 1/2" TYPE X GYPSUM BOARD, PAINTED
- (R3) SLOPED ROOF:
MODIFIED BITUMEN MEMBRANE ROOFING 2" FIBRE INSULATION OVER WOOD DECKING 12" WOOD RAFTERS OVER 5-1/2" FIBREGLASS POLY VAPOR BARRIER AT UNDERSIDE OF RAFTERS BEHIND 1 1/2" WOOD TRAPPING @ 12" O.C. AND 1/2" GYPSUM NOTE: PROVIDE VENTED 2" AIR SPACE BETWEEN TO BATT INSULATION AND 1/2" OF ROOF DECKING
- (R4) ARCHED CLERESTORY ROOF:
E.P.D.M. ROOFING SYSTEM OVER ROOF INSULATION EXPOSED STRUCTURAL FINE JOINTED PLANKING OVER ARCHITECTURAL CORNER ANCHORED STEEL W/ WOOD BRIMS C/W STEEL CONNECTION MEMBERS AND TIE RODS

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.



1 A-4b CLERESTORY LEVEL FLOOR / ROOF PLAN - NORTH END SCALE 3/16" = 1'-0"



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Clerestory Level Floor /
Roof Plan - North End
- Construction Type Schedule

Thorn 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

A-4b