



WALL ASSEMBLIES:	
W1	TYPICAL EXTERIOR BRICK WALL: 6" PAINTED TYPE X GYPSUM OVER GALVANIZED METAL FURRING CHANNELS 2" POLYURETHANE INSULATION (OR EQUIVALENT MINERAL FIBRE PRODUCT BY ROXUL) 5/8" CONCRETE BLOCK EXTERIOR EXISTING MASONRY WALL MECHANICALLY FASTENED THROUGH FURRING CHANNELS TO MASONRY
W2	TYPICAL INTERIOR MASONRY WALL: REMOVE EXISTING PAINT FINISH FROM BY SAND BLASTING (OR CHEMICAL WASH) MAKE GOOD DAMAGED AREAS WITH MATCHING BRICK & MORTAR CONFORM TO 2015 IBC
W3	6" TYPE X GYPSUM BOTH SIDES OF 1 1/2" X 3 1/2" WOOD STUDS AT 16" O.C. CW BOARD AT INTERSECTION PARTS BETWEEN CONTIGUOUS PARTY WALL
W4	6" TYPE X GYPSUM OVER 1/2" METAL STUDS WITH POLYURETHANE INSULATION OVER 1 1/2" X 3 1/2" WOOD STUDS AT 16" O.C. WITH BOARD AT INTERSECTION PARTS 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 "COCKOO" WALL AT SOUTH EXPOSED ROCK FACE: 1/2" GYPSUM OVER CONTINUOUS 8 MIL POLY VAPOUR BARRIER OVER 2" X 2" WOOD BLOCKING AT 24" O.C. RW ROOF INSULATION OVER 1/2" GYPSUM OVER CONTINUOUS 8 MIL POLY VAPOUR BARRIER OVER 2" X 2" WOOD BLOCKING AT 24" O.C. RW MIN. 6" VENTED AIR SPACE CW MIN. 7/8" DEEP DRAINAGE TRENCH TO EXTERIOR DRAINAGE TIE EXPOSED ROCK FACE ON INTERIOR SIDE
W7	EXTERIOR BASEMENT WALL: CEMENTICIOUS PARGE OVER EXISTING STONE FOR WALL EAST EXTERIOR BASEMENT WALL (AT SLEUTHWAY)
W8	1/2" GYPSUM POLY VAPOUR BARRIER 5/8" METAL STUDS @ 16" O.C. WITH MINERAL WOOL BATT INSULATION EXISTING STONE FOUNDATION WALL
W9	EXTERIOR WALL AT NORTH BOILER ROOM EXTENSION: 1/2" GYPSUM 1 1/2" BLOCK WALL @ 16" POLYURETHANE BOTH SIDES OF 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 5/8" METAL STUDS @ 16" O.C. WITH MINERAL WOOL BATT INSULATION 1/2" BRICK EXTERIOR SHEATHING E.I.F.S. ACRYLIC STUCCO FINISH
W12	PARTIAL HEIGHT INTERIOR WALL: 1/2" GYPSUM 3/8" METAL STUDS ALL SIDES 1 1/2" BLOCK WALL @ 16" POLYURETHANE BOTH SIDES OF 1" AIR SPACE (REFER TO ELEVATIONS)
W13	INTERIOR LOAD BEARING WALL: 1/2" GYPSUM BOTH SIDES OF 4" LOAD BEARING METAL STUDS (BROWN DAIRIES)
W14	PROPOSED INTERIOR FUTURE NON LOAD BEARING METAL STUDS (BROWN DAIRIES) 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" CONCRETE EXTERIOR SHEATHING OVER 5/8" 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 5/8" METAL STUDS @ 16" O.C. WITH MINERAL WOOL BATT INSULATION 1/2" BRICK EXTERIOR SHEATHING E.I.F.S. ACRYLIC STUCCO FINISH
FLOOR ASSEMBLIES:	
F1	LOWER LEVEL BOILER ROOM EXTENSION FLOOR: 6" POLISHED CONCRETE SLAB ON RADIANT HEATING TUBES 2" CONCRETE TYPING OR RADIANT HEATING TUBES 4" UNDERSLAB POLYURETHANE INSULATION (OR 2" MIN) COMPACTED SUBGRADE
F2	MAIN LEVEL BOILER ROOM EXTENSION FLOOR: FINISH FLOORING (TYPE TO BE DETERMINED) 2" CONCRETE TYPING OR RADIANT HEATING TUBES 1" CONCRETE PRECAST PRESTRESSED CONCRETE SLAB
F3	SECOND LEVEL BOILER ROOM EXTENSION FLOOR: FINISH FLOORING (TYPE TO BE DETERMINED) 2" CONCRETE TYPING OR RADIANT HEATING TUBES 1" CONCRETE PRECAST PRESTRESSED CONCRETE SLAB 2 LAYERS OF 2" POLYURETHANE INSULATION 4 MIL POLYETHYLENE VAPOUR BARRIER 1/2" TYPE X GYPSUM BOARD, PAINTED
F4	LOWER LEVEL FLOOR: CONCRETE SLAB FLOOR ON UNSETTLED SOIL
F5	MAIN LEVEL FLOOR AT NORTH END: CEMENTICIOUS PARGE OVER LEVELING CONCRETE COAT PRE-ENGINEERED WOOD JOISTS OVER STEEL STRUCTURE FULL DEPTH BATT INSULATION IN FLOOR CAVITY
F6	MAIN LEVEL FLOOR SOUTH END: CEMENTICIOUS PARGE OVER LEVELING CONCRETE COAT CONCRETE SLAB FLOOR ON UNSETTLED SOIL
F7	SECOND LEVEL FLOOR: 2 LAYERS OF 1 1/2" WOOD STRIP FLOORING OVER 12" WOOD JOISTS AND HEAVY TRUSS STRUCTURE FULL DEPTH BATT INSULATION IN FLOOR CAVITY NOTE: CLASS UNDERSIDE OF FLOOR ASSEMBLY WITH 3 LAYERS OF 1/2" TYPE X GYPSUM (EXCLUDING HEAVY TRUSS SUPPORTS)
F8	CLEARESTON LEVEL FLOOR: FINISHED FLOORING OVER 3/4" O.S.B. DECKING ALTERNATE: 1" X 4" STRUCTURAL FINE TAG PLANING 8" PRE-ENGINEERED WOOD JOISTS OVER HEAVY TRUSS SUPPORTS NOTE: CLASS UNDERSIDE OF FLOOR ASSEMBLY WITH 3 LAYERS OF 1/2" TYPE X GYPSUM (EXCLUDING HEAVY TRUSS SUPPORTS) STRAP UNDERSIDE OF JOISTS WITH METAL ISOLATION CHANNELS @ 16" O.C.
F9	MEZZANINE LEVEL FLOOR: DOUBLE 2" X 4" TAG STRUCTURAL FINE BOARDS BETWEEN STEEL STRUCTURE
F10	MEZZANINE LEVEL FLOOR: 1 1/2" X 4" TAG FINE BOARDS BETWEEN STEEL STRUCTURE
F11	SEPARATE MAIN LEVEL BOILER ROOM EXTENSION FLOOR: 2" CONCRETE TYPING OR RADIANT HEATING TUBES 1" CONCRETE PRECAST PRESTRESSED CONCRETE SLAB 4 MIL POLYETHYLENE VAPOUR BARRIER 5/8" METAL STUDS @ 16" O.C. MAX. CW FULL DEPTH BATT INSULATION 1/2" BRICK 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" POLYURETHANE INSULATION SLOPED 4 MIL POLYETHYLENE VAPOUR BARRIER 22# 1-1/2" STEEL FORM LOCK 15# 1/2" STEEL CHANNELS @ 16" O.C. MAX. 1/2" TYPE X GYPSUM BOARD, PAINTED
R2	BOILER ROOM EXTENSION ROOF: 2 LAYERS OF MODIFIED BITUMEN ROLL ROOF MEMBRANE 1" POLYURETHANE INSULATION SLOPED 4 MIL POLYETHYLENE VAPOUR BARRIER 22# 1-1/2" STEEL FORM LOCK 15# 1/2" STEEL CHANNELS @ 16" O.C. MAX. 1/2" TYPE X GYPSUM BOARD, PAINTED
R3	BLISHED ROOF: MODIFIED BITUMEN MEMBRANE ROOFING 2" RIGID INSULATION OVER WOOD DECKING 12" WOOD STRIP OVER 12" WOOD JOISTS OVER HEAVY TRUSS STRUCTURE POLY VAPOUR BARRIER AT UNDERSIDE OF BATTERS BEHIND 12" WOOD STRIP OVER 12" WOOD JOISTS OVER HEAVY TRUSS STRUCTURE NOTE: PROVIDE VENTED 2" AIR SPACE BETWEEN TID BATT INSULATION AND USE OF ROOF DECKING
R4	FINISHED CLEARESTON ROOF: E.P.M. ROOFING SYSTEM OVER RIGID INSULATION EXPOSED STRUCTURAL FINE V-JOINTED PLANING OVER ARCHITECTURAL GRADE ANCHORED TILLAM WOOD BEAM CW STEEL CONNECTION MEMBERS AND THE ROOF

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 MAIN LEVEL FLOOR PLAN - SOUTH END SCALE 3/16" = 1'-0"

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15 Bridge Street, Almonte, ON
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- Main Level Floor Plan - South End - Construction Type Schedule
Thoburn Mill
83 Little Bridge Street
Almonte ON K0A 1A0

Job No.: 08/14 DWG NO.
Scale: As Shown
Date: September 2009
Drawn By: TB Checked By: PM