

# 2012 MICHIGAN BUILDING CODE PLAN REVIEW RECORD

Plan Review # 2

Date: 5/8/2017

**JURISDICTION:** WHITEWATER TWP., GRAND TRAVERSE COUNTY

**BUILDING LOCATION:** 8380 OLD M-72

**BUILDING DESCRIPTION:** 1600 SF. ADDITION AND INTERIOR ALTERATIONS TO FIRE DEPT. BUILDING, "B, S-1 & R-2" USE, 5B CONSTRUCTION,

**REVIEWED BY:** RLH

---

## CORRECTION LIST

---

<b>NO.</b>	<b>DESCRIPTION</b>
1.	CONSTRUCTION DOCUMENTS SHALL BE OF SUFFICIENT CLARITY TO INDICATE THE LOCATION, NATURE AND EXTENT OF THE WORK PROPOSED AND SHOW IN DETAIL THAT IT WILL CONFORM TO THE PROVISIONS OF THIS CODE AND RELEVANT LAWS, ORDINANCES, RULES AND REGULATIONS, AS DETERMINED BY THE BUILDING OFFICIAL. 107.2.1
2.	ADDITIONS AND ALTERATIONS TO A BUILDING, THAT CONTAINS AN AREA OF PRIMARY FUNCTION, THEN THE ROUTE TO THE PRIMARY FUNCTION SHALL BE ACCESSIBLE, AND SHALL COMPLY WITH THE APPLICABLE PROVISIONS IN CHAPTER 11 OF THE CODE AND ICC/ANSI A117.1. 3411.5, 3411.6, 3411.7
3.	PENETRATIONS INTO OR THROUGH "FIRE BARRIERS" AND "FIRE PARTITIONS" SHALL BE PROTECTED PER 714.3. PROVIDE DETAILS OF PROTECTION AND UL OR GA NUMBERS WHERE APPLICABLE. 107.1, 107.2.1
4.	PENETRATIONS INTO OR THROUGH "HORIZONTAL ASSEMBLIES" SHALL BE PROTECTED PER 714.4. PROVIDE DETAILS OF PROTECTION AND UL OR GA NUMBERS WHERE APPLICABLE. 107.1, 107.2.1
5.	FIRE DAMPERS, SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS ARE REQUIRED IN THE LOCATIONS AS INDICATED IN SECTION 717.5., 717.6
6.	FIREBLOCKING IS REQUIRED IN CONCEALED WALL SPACES HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET. FIREBLOCKING MATERIALS TO COMPLY WITH 718.2, 718.2.1, 718.2.2
7.	FIREBLOCKING IS REQUIRED AT THE CONNECTION BETWEEN HORIZONTAL AND VERTICAL SPACES. FIREBLOCKING MATERIALS TO COMPLY WITH 718.2.1.
8.	DRAFTSTOPPING IS REQUIRED IN ATTICS BETWEEN CEILING/ROOF, IN COMBUSTIBLE CONSTRUCTION, SO THAT ANY HORIZONTAL AREA DOES NOT EXCEED 3,000 SF. DRAFTSTOPPING MATERIALS TO COMPLY WITH 718.4., 718.4.1. EXCEPTION, IF THE ATTIC SPACE IS SPRINKLED THE DRAFT STOP IS NOT REQUIRED.
9.	INTERIOR FINISHES TO COMPLY WITH T-803.9
10.	PROVIDE FIRE PROTECTION SYSTEM SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO THE START OF SYSTEM INSTALLATION. 107.2.2
11.	PROVIDE PORTABLE FIRE EXTINGUISHERS AS REQUIRED BY THE INTERNATIONAL FIRE CODE. 906.1
12.	<b>AN AUTOMATIC SPRINKLER SYSTEM SHALL BE INSTALLED THROUGHOUT BUILDINGS WITH "GROUP R" FIRE AREAS PER 903.2.8. BOTH BUILDINGS CONTAIN "R-2" OCCUPANCY USES, IE., SLEEPING ROOMS, DAY AREA, BATHING ROOMS, AND KITCHEN. REVISE AS NEEDED. 107.2.1</b>

13. SINGLE- AND MULTIPLE-STATION SMOKE ALARMS SHALL BE INSTALLED IN ACCORDANCE WITH 907.2.11. 907.2.9.2
14. R OCCUPANCIES LOCATED IN A BUILDING CONTAINING A FUEL-BURNING APPLIACNCE OR IN A BUILDING WHICH HAS AN ATTACHED GARAGE SHALL BE EQUIPPED WITH SINGLE-STAGE CARBON MONOXIDE ALARMS. 908.7
15. MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE TENANT SPACE IS OCCUPIED, PER 1006.1, 1006.2, 1006.3, 1006.3.1
16. EXTERIOR EXIT DISCHARGE LIGHTS SHALL BE OF THE TYPE THAT WILL STAY ILLUMINATED BY EMERGENCY POWER DURING FAILER OF NORMAL POWER SUPPLY. 1006.3, 107.2.1
17. MEANS OF EGRESS LIGHTING SHALL PROVIDE THE LEVEL OF ILLUMINATION REQUIRED BY 1006.2, 1006.3, 1006.3.1
18. A LANDING, AT THE SAME ELEVATION, IS REQUIRED ON EACH SIDE OF A DOOR. LANDING SIZE PER 1008.1.6. ANSI, A117.1-09, T-404.2.3.2 FOR MANEUVERING SPACE. THRESHOLD HEIGHT IS NOT TO EXCEED 0.5". 1008.1.5, 1008.1.6, 1008.1.7
19. DOOR HARDWARE TO COMPLY WITH 1008.1.9, 1008.1.9.1, 1008.9.2 AND ANSI, A117.1-09, 404.2.6
20. STAIR RISER TO BE 7" MAXIMUM AND TREAD DEPTH 11" MINIMUM. 1009.7.2.
26. HANDRAILS ARE REQUIRED ON EACH SIDE OF A STAIRWAY, HANDRAILS SHALL BE CONTINUOUS, AND HANDRAIL ENDS SHALL BE RETURNED TO A WALL, GUARD OR THE WALKING SURFACE. HANDRAILS SHALL EXTEND HORIZONTALLY AT LEAST 12" BEYOND THE TOP RISER AND CONTINUE TO SLOPE FOR THE DEPTH OF ONE TREAD BEYOND THE BOTTOM RISER. 1009.15,1012.4, 1012.6
21. RAMPS WITH A RISE GREATER THAN 6 INCHES SHALL BEVE HANRAILS ON BOTH SIDES. 1010.9.
22. HANDRAILS SHALL BE CONTINUOUS. HANDRAIL ENDS SHALL BE RETURNED TO A WALL, GUARD OR THE WALKING SURFACE. HANDRAILS SHALL EXTEND HORIZONTALLY AT LEAST 12" BEYOND THE TOP AND BOTTOM OF RAMP RUNS 1012.4, 1012.6
23. GUARDS ARE REQUIRED WHERE THE WALKING SURFACE IS MORE THAN 30" ABOVE THE SURFACE BELOW AT ANY POINT WITHIN 36". GUARDS TO COMPLY WITH THE HEIGHT AND OPENING LIMITATIONS OF 1013.1, 1013.2, 1013.3
24. THIS PROJECT IS REQUIRED TO BE ACCESSIBLE. THIS REVIEW DOES NOT ADDRESS THE "AMERICANS WITH DISABILITIES" ACT. 1103.1
25. AT LEAST ONE OF EACH TYPE OF FIXTURE, ELEMENT, CONTROL OR DISPENSER IN EACH ACCESSIBLE TOILET ROOM SHALL BE ACCESSIBLE. 1109.2
26. A DRINKING FOUNTAIN IS REQUIRED PER 403.1 OF THE MICHIGAN PLUMBING CODE, NO FEWER THAN TWO DRINKING FOUNTAINS SHALL BE PROVIDED. ONE DRINKING FOUNTAIN SHALL COMPLY WITH THE REQUIREMENTS FOR PEOPLE WHO USE A WHEEL CHAIR AND ONE DRINKING FOUNTAIN SHALL COMPLY WITH THE REQUIREMENTS FOR STANDING PERSONS", AND PROVIDE DETAILS FOR THE INSTALLATION ON THE PLANS. 1109.5, 1109.5.1
27. PROVIDE "ACCESSIBILITY" SIGNAGE PER 1110.1
28. AN ATTIC ACCESS IS REQUIRED PER 1209.2.
29. CONCRETE SHALL MEET THE STRENGTH REQUIREMENTS OF T-1904.2. WHEN THE STRUCTURAL DESIGNED OF FOOTING IS GREATER THAN 2500 PSI, CONCRETE STRENGTH TESTING IS REQUIRED PER ACI 318-11, 5.6.1, FREQUENCY OF TESTING PER ACI 318-11, 5.6.2
30. SAFETY GLAZING IS REQUIRED IN THE LOCATIONS INDICATED IN 2406.4. EACH PANE OF SAFETY GLAZING IS TO BE PERMANENTLY IDENTIFIED. 2406.3

31. **FOR SLAB-ON-GRADE FLOORS, “THE INSULATION SHALL EXTEND DOWNWARD FROM THE TOP OF THE SLAB ON THE INSIDE OR OUTSIDE OF THE FOUNDATION WALL.” 2009 MUEC 501.1, ASHRAE 90.1-2007, NORMATIVE APPENDIX A6.2**
32. PRIOR TO A PERMIT BEING ISSUED, COMMENTS SHOWN IN **BOLD TYPE** ARE TO BE ADDRESSED AND THE PLANS REVISED AS REQUIRED TO INDICATE COMPLIANCE. TWO SETS OF REVISED PLANS WITH AN ORIGINAL “SEAL” AND SIGNATURE ARE REQUIRED FOR REVIEW. 107.1, 107.2.1
33. THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE SHALL BE RESPONSIBLE FOR REVIEWING AND COORDINATING THE SUBMITTAL DOCUMENTS PREPARED BY OTHERS, INCLUDING PHASED AND DEFERRED SUBMITTAL ITEMS, FOR COMPATIBILITY WITH THE DESIGN OF THE BUILDING. 107.3.4.1