WHAT IS CLAIMED IS:

1. A method of reinforcing a masonry wall, the method comprising:

removing existing cement mortar in the masonry wall at a plurality of discrete locations to a depth from an exposed surface of the wall to form first receptacles;

inserting first reinforcing elements configured to carry a curable polymer into the first receptacles, each of the first reinforcing elements comprising an insert having an I-shaped cross section;

removing existing cement mortar in the masonry wall to a depth to form a second receptacle, the second receptacle extending at least from one of the first receptacles to another of the first receptacles and intersecting both the one first receptacle and the other first receptacle;

placing a second reinforcing element configured to carry a curable polymer into the second receptacle; and

bonding the first reinforcing element to the second reinforcing element.

2. The method of reinforcing a masonry wall as set forth in claim 1 wherein the insert is made of a fibrous material.

3. The method of reinforcing a masonry wall as set forth in claim 1 further comprising impregnating the first reinforcing element with the curable polymer prior to said step of placing the first reinforcing element in the first receptacle.

4. The method of reinforcing a masonry wall as set forth in claim 1 further comprising impregnating the first reinforcing element with the curable polymer after said step of placing the first reinforcing element in the first receptacle.

5. The method of reinforcing a masonry wall as set forth in claim 1 further comprising impregnating the second reinforcing element with the curable polymer prior to said step of placing the second reinforcing element in the second receptacle.

6. The method of reinforcing a masonry wall as set forth in claim 1 further comprising impregnating the second reinforcing element with the curable polymer after said step of placing the second reinforcing element in the second receptacle.

7. The method of reinforcing a masonry wall as set forth in claim 1 wherein the second reinforcing element comprises a strip of material.

8. The method of reinforcing a masonry wall as set forth in claim 7 wherein the strip of material forming the second reinforcing element is a fibrous material.

9. The method of reinforcing a masonry wall as set forth in claim 1 wherein the step of removing the existing cement mortar in the masonry wall at a plurality of discrete locations comprises at least at some of the discrete locations removing all of the mortar of perpend to a predetermined depth of the cement mortar and removing adjacent portions of a bed of the cement mortar at a top of the perpend and at a bottom of the perpend to form the first receptacle.

10. The method of reinforcing a masonry wall as set forth in claim 9 wherein the first receptacle is I-shaped.

11. The method of reinforcing a masonry wall as set forth in claim 9 wherein the step of removing the existing cement mortar in the masonry wall to form the second receptacle comprises removing cement mortar from the bed of cement mortar.

12. The method of reinforcing a masonry wall as set forth in claim 1 wherein the step of bonding the first reinforcing element to the second reinforcing element comprises applying a curable polymer to the first and second reinforcing elements as they reside in the first and second receptacles.

13. The method of reinforcing a masonry wall as set forth in claim 1 further comprising identifying any voids in the first and second receptacles after placement of the first and second reinforcing members in the first and second receptacles, and filling the identified voids with a curable polymer.

14. The method of reinforcing a masonry wall as set forth in claim 1 further comprising installing fiber anchors into the masonry wall.

15. The method of reinforcing a masonry wall as set forth in claim 14 wherein installing fiber anchors comprises for each fiber anchor, inserting a bundle of fibers into the masonry wall, spreading fibers from the fiber anchor over a face of the masonry wall and securing the spread fibers to the face of the masonry wall using a curable polymer.

16. The method of reinforcing a masonry wall as set forth in claim 15 wherein the bundle of each fiber anchor is bonded to the second reinforcing member.

17. The method of reinforcing a masonry wall as set forth in claim 14 wherein installing fiber anchors comprises installing fiber anchors into the cement mortar at intersections of perpends of cement board with beds of cement mortar.

18. The method of reinforcing a masonry wall as set forth in claim 14 further comprising applying a panel of fibrous material over the masonry wall.

19. The method of reinforcing a masonry wall as set forth in claim 18 wherein the step of installing fiber anchors into the masonry wall includes receiving the anchors through the panel.

20. The method of reinforcing a masonry wall as set forth in claim 19 further comprising spreading fibers from the fiber anchor over a face of the masonry wall and securing the spread fibers to an exterior face of the panel using a curable polymer.

21. The method of reinforcing a masonry wall as set forth in claim 1 wherein the step of placing a second reinforcing element configured to carry a curable polymer into the second receptacle comprises positioning a strip of fibrous material in a generally horizontal position in the second receptacle so that a portion of the strip overlies at least one of the first reinforcing elements in the second receptacle.

22. The method of reinforcing a masonry wall as set forth in claim 1 wherein forming the first receptacle includes removing portions of adjacent bricks forming the masonry wall.