## What is claimed is

1. A beam assembly for use with a scaffolding system, the beam assembly comprising:

a first support beam that extends axially relative to an axis and configured to provide structural support for the scaffolding system, the first support beam including:

an upper attachment mount having a first width transverse to the axis, the upper attachment mount including a first upper sidewall and a second upper sidewall being parallel with each other and spaced apart from one another, wherein a top wall extends between and interconnects the first upper sidewall and the second upper sidewall, the upper attachment mount formed to define a plurality of first through holes that extend transverse to the axis through the first upper sidewall and the second upper sidewall of the upper attachment mount, the plurality of first through holes having a first diameter and being spaced apart from one another axially with a preset spacing distance,

a lower attachment mount spaced apart vertically from the upper attachment mount, the lower attachment mount including a first lower sidewall and a second lower sidewall being parallel with each other and spaced apart from one another, wherein a bottom wall extends between and interconnects the first lower sidewall and the second lower sidewall, the lower attachment mount having a second width transverse to the axis, the lower attachment mount formed to define a plurality of second through holes that extend transverse to the axis through the first lower sidewall and the second lower sidewall of the lower attachment mount, the plurality of second through holes having a second diameter equal to the first diameter, and the plurality of second through holes being spaced apart from one another axially with the preset spacing distance,

a web member that extends vertically between and interconnects the upper attachment mount and the lower attachment mount, the web member having a third width transverse to the axis that is smaller than the first width and the second width to define a channel vertically between the upper attachment mount and the lower attachment mount on two sides of the first support beam,

wherein the web member is formed to define a plurality of third through holes that extend transverse to the axis through the web member, the plurality of third through holes having a third diameter that is greater than the first diameter and the second diameter, and the plurality of third through holes being spaced apart from one another axially with the preset spacing distance.

2. The beam assembly of claim 1, wherein the upper attachment mount, the lower attachment mount, and the web member cooperate to define a passage that extends axially through the first support beam.

3. The beam assembly of claim 2, further comprising a joining beam that extends into the passage formed in the first support beam, the joining beam including an upper flange, a lower flange spaced apart vertically from the upper flange, and a web that extends vertically between and interconnects the upper flange and the lower flange.

4. The beam assembly of claim 3, wherein the upper flange is formed to define a plurality of first joining beam through holes that are spaced apart from one another axially with the preset spacing distance such that the plurality of first joining beam through holes are configured to align with the plurality of first through holes, the lower flange is formed to define a plurality of second joining beam through holes that are spaced apart from one another axially with the preset spacing distance such that the plurality of second joining beam through holes are configured to align with the plurality of second through holes, and the web is formed to define a plurality of third joining beam through holes that are spaced apart from one another axially with the preset spacing distance such that the plurality of third joining beam through holes are configured to align with the plurality of third through holes, wherein the plurality of first joining beam through holes preferably have about the first diameter, the plurality of second joining beam through holes preferably have about the second diameter, and the plurality of third joining beam through holes preferably have about the third diameter.

5. The beam assembly of any of the preceding claims, wherein the lower attachment mount is formed to define a T-bolt slot that opens through a lowermost surface of the lower attachment mount.

6. The beam assembly of any preceding claim, wherein the first support beam further includes a top rail that extends away from the upper attachment mount, the top rail having a stem coupled with the upper attachment mount and a head having a width transverse to the axis that is greater than a width of the stem, wherein the head preferably includes a flat outermost surface and a T-bolt slot that extends axially along a length of the first support beam and opens outwardly out of the flat outermost surface, wherein the width of the head is about 48.3 millimeters.

7. The beam assembly of claim 6, wherein the head is D-shaped when viewed along the axis.

8. The beam assembly of any of the claims 1 to 7, further comprising a ringlock ledger connector configured to couple with the first support beam and one or more ledgers, the ringlock ledger connector including a ringlock connector, a first lock plate, and a second lock plate, the ringlock connector sized to be received and extend through one of the plurality of third through holes, the first lock plate is coupled with the ringlock connector and configured to block the ringlock connector from passing entirely through the one of the plurality of third through holes, and the second lock plate being removably coupled with the ringlock connector.

9. The beam assembly of claim 8, wherein the ringlock connector includes a centerbody configured to be received in the one of the plurality of third through holes, a first connection plate that extends away from the centerbody and formed to define a first aperture therein for receiving a first wedge of a first ledger, and a second connection plate that extends away from the centerbody opposite the first connection plate and formed to define a second aperture therein for receiving a second wedge of a second ledger.

10. The beam assembly of claim 9, wherein the first lock plate extends around the first connection plate and is located between the first aperture and the centerbody and wherein the second lock plate is formed to include a slot sized to receive the second connection plate to allow the second lock plate to removably couple with the ringlock connector, wherein the first and second lock plates preferably each have curved segments that match a contour of a scaffold post, wherein the first connection plate and the second connection plate preferably are each rectangular and

sized to be received in the channels formed by the web member, the upper attachment mount, and the lower attachment mount and wherein the first connection plate and the second connection plate preferably are each configured to engage the upper attachment mount and the lower attachment mount in response to rotation of the ringlock ledger connector to limit rotation of the ringlock ledger connector.

11. The beam assembly of any of the claims 8 to 10, wherein the ringlock ledger connector is configured to be received in the channels in the first support beam in a first orientation and a second orientation that is rotated 90 degrees from the first orientation about an axis that extends through the centerbody, the first connection plate, and the second connection plate.

12. The beam assembly of any of the claims 1 to 11, further comprising a scaffold post connector that includes a beam connector configured to couple with the first support beam and a post coupler configured to couple with an upright scaffold post.

13. The beam assembly of claim 12, wherein the beam connector includes a mount plate, a first flange that extends away from the mount plate, and a second flange that extends away from the mount plate, the first flange being spaced apart from the second flange to receive the first support beam therebetween, and the first flange and the second flange each including a plurality of through holes that align with at least one of the plurality of first through holes and the plurality of second through holes to allow fasteners to extend through the first flange, the second flange, and at least one of the upper attachment mount and the lower attachment mount of the first support beam, wherein the post coupler is preferably coupled with the mount plate and extends away from the first flange and the second flange and the post coupler is formed to mate with a male or female end of the upright scaffold post.

14. The beam assembly of any of the claims 2 to 3, further comprising a guardrail post configured to couple with the first support beam and an upright scaffold post, the guardrail post including a joining beam stub configured to be received in the passage formed in the first support beam and a post coupler coupled with the joining beam stub and extending vertically to mate with the upright scaffold post.

15. The beam assembly of claim 14, wherein the joining beam stub includes an upper flange configured to be received in the upper attachment mount, a

lower flange configured to be received in the lower attachment mount, and a web that extends between and interconnects the upper flange and the lower flange, and the web is configured to be received in the web member, wherein the upper flange is preferably formed to define a plurality of first joining beam through holes that are spaced apart from one another axially with the preset spacing distance such that the plurality of first joining beam through holes are configured to align with the plurality of first through holes, the lower flange is formed to define a plurality of second joining beam through holes that are spaced apart from one another axially with the preset spacing distance such that the plurality of second joining beam through holes are configured to align with the plurality of second through holes, and the web is formed to define a plurality of third joining beam through holes that are spaced apart from one another axially with the preset spacing distance such that the plurality of third joining beam through holes are configured to align with the plurality of third through holes.

16. The beam assembly of any preceding claim, further comprising an angle bracket configured to couple the first support beam with a second support beam, the angle bracket including a base plate configured to couple with the first support beam and a joining beam stub that extends away from the base plate and into a passage formed in the second support beam, wherein the base plate is preferably formed to include a plurality of holes configured to align with subsets of the plurality of first through holes and the plurality of second through holes to allow fasteners to extend through the plurality of holes in the base plate and into the upper attachment mount and the lower attachment mount of the first support beam, wherein the angle bracket preferably includes a top rail that extends vertically upward from the joining beam stub, the top rail configured to align vertically with the top rail of the first support beam and a top rail of the second support beam, wherein the angle bracket preferably includes a back plate coupled with the first support beam on an opposite side of the base plate.

17. The beam assembly of any preceding claim, further comprising an anchor bracket configured to couple the first support beam with a foundation structure, the anchor bracket including a base plate configured to couple with the foundation structure, a first mount plate that extends away from the base plate, and a second mount plate that extends away from the base plate, the first mount plate and the second

mount plate spaced apart from one another to receive the first support beam therebetween, and the first mount plate and the second mount plate configured to receive fasteners that extend through the first mount plate, through the first support beam, and through the second mount plate, wherein the first mount plate and the second mount plate each are preferably formed to define a first set of holes and a second set of holes, the first set of holes are arranged to align with a number of the plurality of first through holes and the plurality of second through holes formed in the first support beam when the first mount plate and the second mount plate are in a first orientation relative to the first support beam, and the second set of holes are arranged to align with the number of the plurality of first through holes and the plurality of second through holes formed in the first support beam when the first mount plate and the second mount plate are in a second orientation relative to the first support beam that is rotated 45 degrees relative to the first orientation or, wherein each of the first mount plate and the second mount plate preferably includes a first set of holes formed in a rectangular pattern to align with the plurality of first through holes and the plurality of second through holes of the first support beam to couple the anchor bracket with the first support beam in a first orientation and a second set of holes in a rectangular pattern with a 45 degree offset from the first set of holes and configured to align with the plurality of first through holes and the plurality of second through holes to couple to the first support beam in a second orientation about 45 degrees offset from the first orientation.

18. The beam assembly of claim 14, wherein the guardrail post further includes a top rail coupled with the joining beam stub and a scaffolding rosette coupled with the post coupler and having a portion thereof received in the top rail.

19. The beam assembly of claim 3, wherein the joining beam includes an upper rectangular tube that forms the upper flange, a lower rectangular tube that forms the lower flange, and a web plate that forms the web and wherein the upper rectangular tube and the lower rectangular tube are made of a first material and the web plate is made of a second material that is different than the first material.

20. The beam assembly of claim 19, wherein the web plate includes a body segment, an upper tab that extends upwardly away from the body segment, and a

lower tab that extends downwardly away from the body segment, the upper tab formed to define a plurality of first holes, the lower tab formed to define a plurality of second holes, and the body segment formed to define a plurality of third holes that are larger in diameter than the plurality of first and second holes, wherein the upper rectangular tube is preferably formed to define a first slot therein and the upper tab of the web plate is received in the first slot and the lower rectangular tube is formed to define a second slot therein and the lower tab of the web plate is received in the second slot.