GIBRALTAR MASH 2016 INSPECTION CHECKLIST

TERMINAL SECTION

- [ ] Ensure the anchor post is centered in the hole on stringline, the anchor plate is set no more than 1” above grade and is set plumb using the cable release post.
- [ ] Ensure terminal post #1 leans 1 ¼” every 12” out of plumb towards the anchor and the top of the socket is at grade (p. 5).
- [ ] Ensure the second terminal post socket is set plumb and the top is set at grade.
  Ensure the terminal posts “open” side is away from the center line (p. 6), and the j-bolts are installed.
- [ ] Ensure the cables are set in each j-bolt and on the 2nd terminal post, the top cable is resting on the 3rd cable (p. 6)
- [ ] Ensure all fittings are installed correctly with the wedge correctly installed in the acorn fitting (p. 7 & 12).

LENGTH OF NEED

- [ ] Ensure line post sockets are set plumb, with the short side of socket on the stringline and the top is flush with grade. A post can be used to make sure the socket is plumb.
- [ ] Ensure posts are set in the sockets with the open C is facing the cables, and the hairpin and lockplates are installed in each post.
- [ ] The posts in the terminal and the next five posts after the terminal must alternate on sides of cable, the remaining posts should alternate throughout the system. In some cases, it is not possible to have all posts on alternating sides of cable, 3 posts on the same side of cable is acceptable in these situations, contact Gibraltar if this occurs more than once in a single run.
- [ ] Ensure each cable of each run has at least one set of cable splice turnbuckles (CSTB). The turnbuckles should be no greater than 2,000 ft apart. Ensure the CSTBs on the top two cables are separated and are not touching each other.
- [ ] Ensure the cables are properly installed in each post utilizing the hairpin and lockplate design. The top two cables should alternate being in the top hoop of the hairpin and being set on top of it. There should be no twisting of the cables from post to post. (p. 11)
- [ ] Ensure the cables are all tensioned within 10% of the tension chart shown on the drawings and are noted in a tension log.