



Foundation Solutions

Upgrading the network will be complicated enough by itself.

(Don't make it even harder with site cast concrete foundations.)

Using poured-in-place foundations for DLC cabinets, splitter cabinets, cross-connect cabinets, backup power supplies and other OSP equipment can waste money, time, and critical management attention. If you are in the middle of a network upgrade, you don't have time, money or attention to waste.

Prefabricated foundation solutions can give you slack storage, support your cabinet and make it more accessible, decrease the footprint required, and help to keep your options open for the future.



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Sometimes, It is as simple as

1-2-3.

1. Set and level the vault body. A bed of crushed stone will help with leveling the vault, as well as improving drainage. Vaults are available in a number of sizes and depths.



3. Backfill. The precast base is supplied with the anchors in the right place to bolt down the cabinet, and cable entry openings as required by the cabinet being installed. All precast bases are supplied with removable aluminum access hatches that provide access to the slack cable stored in the vault. There is no concrete to form, no anchor bolt template to lay out, no intermediate cabinet to buy. An experienced two man crew can easily set up the foundation system in a morning, including setting the cabinet in place.



2. Set the base. Bases are available as grade-level flat slabs, or with integrated riser sections to elevate the equipment, providing protection from snow, surface water, grass fire, and to make servicing the cabinet more convenient.



Compare the two options

Site-cast Concrete

Foundation Solutions

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| 1. Excavate and set vault body. (First truck roll.) | 1. Excavate and set vault body. (First truck roll.) |
| 2. Layout slab. | 2. Set precast base. |
| 3. Trench from vault body to point within slab location for ducts to emerge from slab. | 3. Backfill. |
| 4. Install ducts, backfill and compact trench. | 4. Set cabinet. |
| 5. Set and level forms for slab. | 5. Work on the technology. That's the whole point of the project, after all. |
| 6. Check location of ducts within slab layout. | |
| 7. Fabricate or purchase template for anchor bolts. | |
| 8. Install template. | |
| 9. Install slab reinforcing. | |
| 10. Order concrete. (Second or third truck roll) | |
| 11. Pour and finish slab. | |
| 12. Protect slab from weather. | |
| 13. Strip forms and grade site. (Third or fourth truck roll) | |