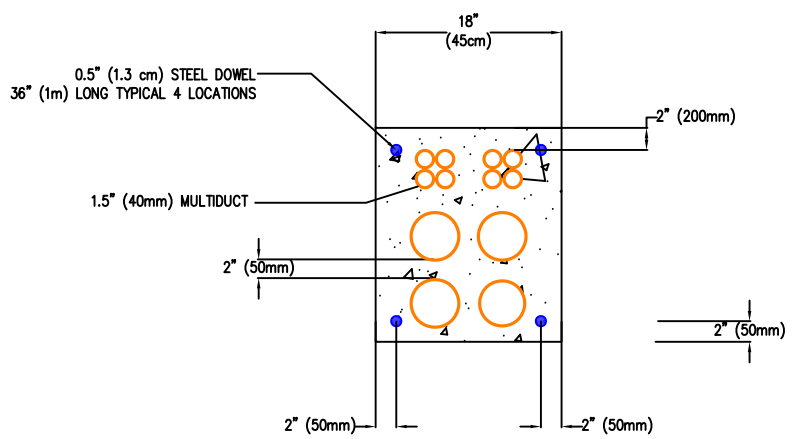
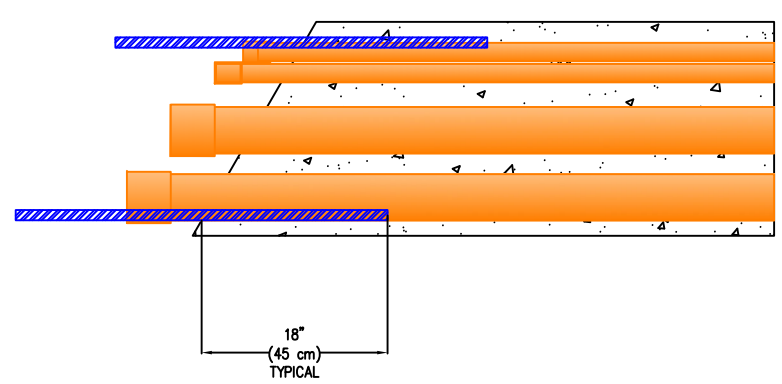
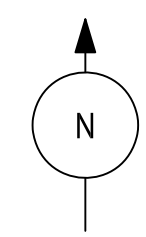
NOTE:

1. IF A CONCRETE ENCASED CONDUIT SYSTEM NEEDS TO BE REPAIRED OR IF THE CONCRETE ENCASEMENT OF A CONDUIT SYSTEM IS DELAYED BEYOND THE INITIAL SET, THEN DEFORMED GALVANIZED 0.5"(13mm) GRADE 60 STEEL REINFORCE DOWELS, CONFORMING TO SPECIFICATION ASTM A615/AG15M NEED TO BE INSTALLED IN THE CURED SECTION OF ENCASEMENT BEFORE THE REMAIN OF THE CONDUIT SYSTEM IS ENCASED.
2. DOWELS SHALL SECURED TO THE EXISTING ENCASEMENT USING AN ASTM C881 [C881M] CLASS V EPOXY.
3. DOWELING IS NECESSARY AS THE JOINING OF NEW CONCRETE TO OLD CONCRETE WILL CREATE A SHEAR POINT AT THE JOINT.
4. THE EXISTING ENCASEMENT NEEDS TO CUT BACK TO ALLOW CONDUIT COUPLINGS BE PLACED IN STAGGERED LOCATIONS. CONDUIT COUPLINGS MUST NOT BE ALL LOCATED IN THE SAME VERTICAL PLANE.
5. THE EXISTING ENCASEMENT WILL REQUIRE REINFORCEMENT DOWELS BE INSTALLED AT THE DEPTH INDICATED ON THE THE DRAWING.
6. FOR CONDUIT SYSTEMS LARGER THAN A STANDARD SIX-WAY FOUR INCH (100mm) SYSTEM, THE NUMBER OF REINFORCEMENT BARS INCREASES BY TWO




LEGEND:

- NEW WORK
- EXISTING
- NEW POWER/GROUND DISTRIBUTION

* - DENOTES A REMARK RELATED TO THE DESCRIPTOR LISTED ABOVE IT