NOTES FOR AERIAL INSTALLATION:

1. FOR AERIAL CONSTRUCTION, INCORPORATE A SLACK LOOP EVERY SEVEN SPANS, AND AT LOGICAL LOCATIONS TO SPLICE OFF THE MAIN FIBER LINE AS DETERMINED BY THE PUBLIC WORKS DEPARTMENT AND THE DEPARTMENT OF INFORMATION TECHNOLOGIES .
2. VENDOR MUST INSTALL RISER U-GUARDS WHEN ASCENDING OR DESCENDING FROM A SUPPORT POLE.
3. SUBSURFACE - FOR SUBSURFACE CONSTRUCTION, THE CONDUIT SHALL BE:
   a. THREE, 1-1/4 INCH (MINIMUM) SDR 11 HDPE CONDUITS.
   b. CONDUITS ARE TO BE BLUE, ORANGE ,AND GREEN, UNLESS OTHERWISE SPECIFIED
   c. PULL-BOX TO BE 48 X 30 X 36 DEEP, POLYMER CONCRETE BOX W/20K METAL OR METAL CLAD LID, BOLT DOWN
   d. SHOP DRAWINGS OF PULL-BOX AND LID TO BE APPROVED BY THE PUBLIC WORKS DEPARTMENT PRIOR TO INSTALLATION
   e. PULL-BOX SPACING OF NO MORE THAN 1000 FEET BETWEEN BOXES, AND WHERE SPECIFIED AT LOGICAL PLACES TO SPLICE INTO THE FIBER.
   f. TRACE WIRE MUST BE USED THROUGHOUT SYSTEM AND IS TO BE PLACED IN THE SOLID ORANGE CONDUIT
   g. IF TRENCHING, PLASTIC CAUTION TAPE IS TO BE PLACED OVER THE CONDUIT AT A DEPTH OF 18 INCHES. NEWLY INSTALLED PULL-BOXES MUST BE MARKED WITH 4 X 4 WYE POLES PAINTED ORANGE AT THE TOP - TO REMAIN UNTIL FIBER IS INSTALLED (WITH TRACER WIRE)
   h. CONCRETE ENCASE CONDUIT AT ALL ROAD CROSSINGS TO THE TOP OF SUBGRADE
   i. MINIMUM VERTICAL SEPARATION SHALL BE 1.5 FEET BETWEEN FIBER CONDUIT AND ALL OTHER UTILITIES

NOTES ALL PROJECTS:

1. CONTRACTOR SHALL PROVIDE RECORD DRAWINGS IN THE FORMAT SPECIFIED BY THE CITY OF DELAWARE GIS DEPARTMENT WHEN CONSTRUCTION IS COMPLETE, AND ACCEPTED.

NOTES REGARDING THE FIBER:

1. FIBER TO BE INSTALLED IS 144 STRAND FIBER OPTIC CABLE.
2. ALL SPLICING MUST BE COLOR CODED BETWEEN DIFFERENT CABLES. I.E., RED TUBE FIBERS MUST BE SPLICED TO RED TUBE FIBERS, ETC.
3. ALL CONTRACTORS THAT ARE TO INSTALL FIBER LINE THAT ARE TO BE APPROVED BY THE CITY.