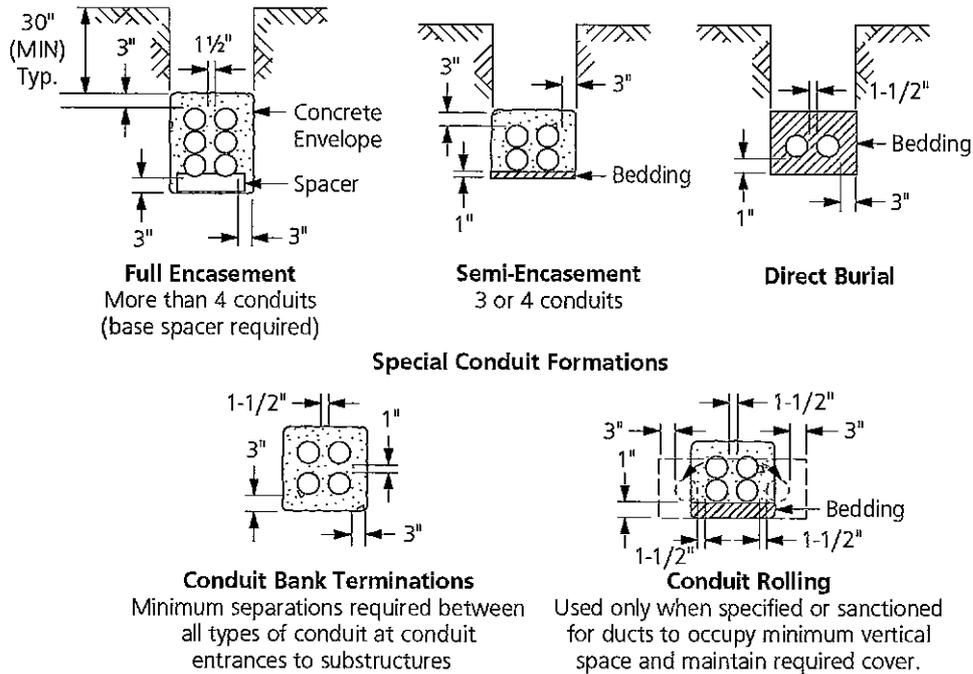


CD 120 Conduit Bank Requirements

Scope CD 120.1 Conduit Bank Requirements

Figure CD-4: Typical Conduit Bank Sections (Mainline and Commercial/Industrial)



Notes:

1. Spacing and concrete coverage as shown is minimum.
2. Spacers, when required, will be as recommended by the conduit manufacturer and approved by the company and will be placed at the intervals shown in Table CD-2. Vertical spacers and base spacers will be manufactured from rigid noncompressable type materials. Use temporary means to maintain horizontal conduit spacing at these intervals until backfill bedding or encasement is placed.

Table CD-2: Horizontal Conduit Spacing Intervals

Conduit Size	2"	3"	3-1/2"	4"	5"	6"
Spacing with Encasement	10'	10'		10'		
Spacing with Nonencasement	10'	8'		6'		

3. Base spacers are required on all banks of more than four conduits.
4. The conduit will be of an approved make and manufacture as set forth in drawing CD 115 (page CD-19), CD 115 (page CD-21), and CD 115 (page CD-22).
5. Types:
 - A. "EB" (Type I) for encased and semi-cased installations;
 - B. "DB" (Type II) for direct burial;
 - C. "SCH. 40" Rigid PVC for inside bore casings.
6. For general conduit bank, concrete, and trenching requirements, see CD 100 (page CD-1).
7. Install neutral wire only when specified on working drawing.
8. Concrete encasement will be kept uniform. Excessive amounts of concrete will be avoided.
9. Bedding will be in accordance with CD 100 (page CD-3), Paragraph 6.1.

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